



Geotechnical Report for
Energinet Eltransmission A/S

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Preliminary Investigation, Hesselø OWF

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**Volume II: Measured and Derived Geotechnical
Parameters and Final Results – Interim CPT
Report**

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REPORT STRUCTURE

<p style="text-align: center;">VOLUME I:</p> <p style="text-align: center;">FIELD OPERATIONS AND PRELIMINARY RESULTS</p> <p style="text-align: center;">(BS EN ISO 19901)</p>	<p style="text-align: center;">VOLUME II:</p> <p style="text-align: center;">MEASURED AND DERIVED GEOTECHNICAL PARAMETERS AND FINAL RESULTS</p> <p style="text-align: center;">(BS EN ISO 19901)</p>
<p style="text-align: center;">Executive Summary</p> <ol style="list-style-type: none">1. Scope of Project2. Offshore Activities3. Drilling Operations4. Downhole Sampling5. <i>In Situ</i> Testing – Downhole CPTU6. <i>In Situ</i> Testing – Seabed Mode CPTU7. <i>In Situ</i> Testing - Seismic Cone Penetration Test (SCPTU)8. <i>In Situ</i> Testing - PS Logging9. In Situ Testing – Dissipation Tests10. Field Laboratory11. Preliminary Geotechnical Descriptions and Soil Profiles12. Laboratory Testing Procedures13. CPTU Analysis14. Geodetic Information and Water Depths15. Health, Safety and Environment16. References	<p style="text-align: center;">Executive Summary</p> <ol style="list-style-type: none">1. Scope of Project2. Geotechnical Descriptions and Soil Profiles3. Laboratory Testing Programme4. CPTU Analysis5. SCPTU Analysis6. PS Logging7. Dissipation Tests8. References

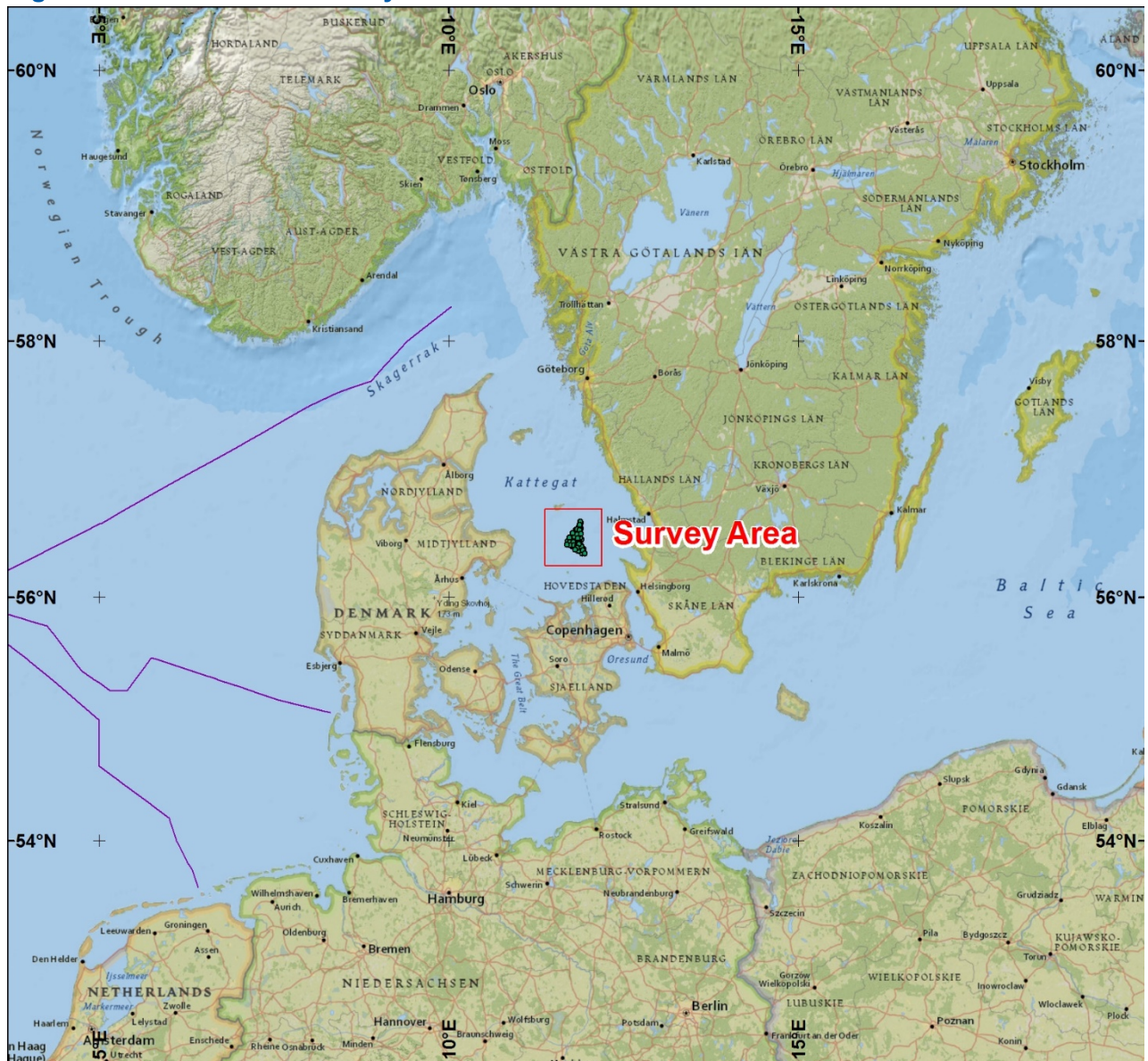
EXECUTIVE SUMMARY

This report presents the geotechnical results for the for the geotechnical site investigation undertaken within the Hesselø Offshore Wind Farm (OWF) site, Denmark.

Energinet Eltransmission A/S commissioned Gardline Limited (Gardline) to support the development of a new 800-1200MW offshore OWF through the acquisition of geotechnical data which will inform the basis for evaluation of methods for wind turbine foundation design and installation. The objective will be met through acquiring ground information through both Seabed CPT data and Down the Hole (DtH) Sampling and CPTU.

The site investigation was located in the Kattegat Sea, within Danish Territorial waters and partially on the Danish Continental Shelf. The site is approximately 30km north of Zealand, covering an area of around 247km². [Figure I](#) shows the project location boundaries as provided by Energinet.

Figure I – Hesselø OWF locality.



Survey operations were conducted with respect to ETRS89 Ellipsoid, UTM Grid Zone 32N. The grid system is presented in Eastings and Northings (m).

All water depths are reduced to Mean Sea Level (MSL) in metres and can be found in [APPENDIX 1](#) together with location coordinates.

The objectives of the geotechnical investigation were to:

- Acquire geotechnical *in situ* data and samples to determine the feasibility of achieving a safe installation and operation of the Hesselø OWF.
- Facilitate geotechnical onshore laboratory testing as part of the above;

Mobilisation of Gardline’s drilling vessel, the M.V. Ocean Vantage, was completed in the port of Hull, England on 24th April 2021. Operations commenced on 24th April 2021 at the seabed CPTU location CPT20 and was completed on 6th June 2021 at the composite borehole location CB10a-BH. Demobilisation was completed in the port of Grenaa, Denmark on 7th June 2021.

[Table I](#) provides a summary of the fieldwork, including the number of locations completed, fieldwork dates and vessel details. More details of the fieldwork phase can be found in the operations report in [APPENDIX 17](#).

Table I – Fieldwork Summary

Fieldwork Summary	
Survey Vessel	M.V. Ocean Vantage
Fieldwork dates	24 April 2021 – 7 June 2021
Sampling and CPTU Composite Boreholes	14 (+ 2 Bump overs)
Sampling Boreholes	3
Seabed CPTU locations	33 (+ 11 Retests)
Seabed SCPTU locations	7 (+1 Retest)
PS logging locations	5

In situ Cone Penetration Testing with pore pressure (CPTU), *in situ* Seismic Cone Penetration Testing with pore pressure (SCPTU), PS-Logging, CPTU dissipation tests, extrusion of Shelby tubes, logging and photography, basic soil classification, index strength testing and carbonate content tests were performed onboard the vessel during the geotechnical campaign.

Across the site soft extremely low to medium strength clays were identified in the first 30m below seabed (BSB) with a sand layer between 2.5-12m in some locations. These were followed by firm high strength late glacial clays and silts or dense sands. Glacial tills were found at approximately 50m BSB, and in some locations siltstone and mudstone were found at 55m BSB. CB8-BH was an exception, with soft low strength clays until 1.5m, followed by dense sands and high strength clays until 66m with the location ending with siltstone.

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LIST OF SYMBOLS

Symbols

%	Percent	min	Minute
°	Degrees	mm	Millimetre
µm	Micrometres	MPa	Mega Pascal
A_c	Projected area of the cone	N_{kt}	Cone factor
A_n	Cross sectional area of the load cell or shaft	Ohm	Electrical Resistance
B_q	Pore pressure ratio	pH	Potential of Hydrogen
C	Centigrade	P_L	Plastic Limit
c'	Peak effective cohesion intercept	ppm	Parts per million
cm	Centimetres	q_c	Measured cone resistance
C_u	Degree of Sorting	q_{net}	Net cone resistance
d	Depth	q_t	Corrected total cone resistance
D_{10}	10% of soil particles are finer than this size	R_f	Friction ratio
D_{60}	60% of soil particles are finer than this size	R_s	Soil Resistivity
D_r	Relative density / Equivalent relative density	sec	Seconds
e_0	Voids ratio	s_r	Undrained shear strength (remoulded)
F_r	Normalised friction ratio	S_t	Sensitivity
f_s	Local side friction	s_u	Undrained shear strength (intact)
G_0	Initial shear modulus	u_0	Hydrostatic pore pressure
h	Hour	u_2	Pore water pressure measured behind the tip shoulder
I_A	Activity Index	w	Water content
I_L	Liquidity Index	W	Watts
I_P	Plasticity Index	α	Cone area ratio
K	Kelvin	γ_w	Unit weight of water
K_0	Coefficient of lateral earth pressure	Δu	Pore pressure in excess of hydrostatic
Kg	Kilo grams	ρ	Bulk density
kN	Kilo Newton	ρ_d	Dry density
kPa	Kilo Pascal	ρ_s	Particle Density
L	Litre	$\sigma_1 - \sigma_3$	Deviatory stress
m	Metre	σ_3	Cell pressure
Mg	Mega grams	σ_{v0}	Total overburden stress
mg	milligrams	σ'_{v0}	Total effective overburden stress

LIST OF ABBREVIATIONS

Abbreviations

A/S	Aktieselskab (Limited Company)	Ho	Holocene (Age)
API	American Petroleum Institute	ISO	International Standards Organisation
ASR	Average Stress Ratio	Lg	Late Glacial (Age)
ASTM	American Society for Testing and Materials	Ma	Marine (Environment)
Bo	Boulder	MSL	Mean Sea Level
BS	British Standard	MV	Motor Vessel
BSB	Below Seabed	Mw	Meltwater (Environment)
CAUc	Anisotropically Consolidated Undrained Triaxial in Compression	N, E, S, W	North, East, South, West
CAUcyc	Cyclic Anisotropically Consolidated Undrained Triaxial in Compression	OWF	Offshore Wind Farm
CIDc	Isotropically Consolidated Drained Triaxial in Compression	Pg	Post Glacial (Age)
CIUc	Isotropically Consolidated Undrained Triaxial in Compression	PPT	Pocket Penetrometer
CF	Clay Fraction	P-S	Compression-Shear Wave
CL	Clay	PSD	Particle Size Distribution
Co	Cobble	PWP	Pore Water Pressure
CPTU	Cone Penetration Test (with pore pressure)	SBES	Single Beam Echo Sounder
CSR	Cyclic Stress Ratio	SCPTU	Seismic Cone Penetration Test (with pore pressure)
Ct	Cretaceous (Age)	TV	Torvane
DGNSS	Differential Global Navigation Satellite System	UCS	Unconfined Compressive Strength
DSS	Direct Simple Shear	UK	United Kingdom
ED	European Datum	UKAS	United Kingdom Accreditation Service
EIC	Engineer in Charge	UKCS	United Kingdom Continental Shelf
EN	European Norm	UTM	Universal Transverse Mercator
Env	Environment	UUT	Unconsolidated Undrained Triaxial
Fw	Freshwater (Environment)	WC	Water Content
Gc	Glacial (Age)	WISON	Wireline Sounding
Gl	Glacial (Environment)		

VOLUME 2: MEASURED AND DERIVED GEOTECHNICAL PARAMETERS AND FINAL RESULTS

1 Scope of Project

1.1 General

Energinet Eltransmission A/S (Energinet) commissioned Gardline Limited (Gardline) to support the development of a new 800-1200MW offshore wind farm (OWF) through the acquisition of geotechnical data which will inform the basis for evaluation of methods for wind turbine foundation design and installation. The objective will be met through acquiring ground information through both Seabed CPT data and Down the Hole (DtH) Sampling and CPTU.

The objectives of the geotechnical investigation were to:

- Acquire geotechnical *in situ* data and samples to determine the feasibility of achieving a safe installation and operation of the Hesselø OWF
- Facilitate geotechnical onshore laboratory testing as part of the above

The geotechnical survey comprised of seabed CPTUs, seabed SCPTUs, hybrid downhole sampling and CPTU boreholes, and sampling boreholes utilising a downhole WISON system and PS logging. The termination criteria for each location, as laid out in the scope of work, is provided in [Table 1.1](#).

Table 1.1 – Scope of Work Termination Criteria

Acquisition Type	Target Depth(m)
Seabed CPTU - continuous	70m or refusal
Seabed SCPTU, with seismic acquisition at 1m intervals	Refusal
Composite Sampling and CPTU Boreholes	70m
Sampling Boreholes	70m

The water depths were obtained by SBES (Single Beam Echo Sounder). Depths are to the vertical datum MSL (Mean Sea Level) in metres. The water depth at each location is presented on logs in [APPENDIX 2](#).

2 Geotechnical Descriptions and Soil Profiles

2.1 General

This chapter presents the interpretative composite boreholes, sample boreholes and seabed mode CPTU with test results from the offshore work. Logs are presented 10.50m per page with each log including interpretations of CPTU and sample data where performed. Coordinates and water depths along with dates of each location are stated on each log. Water depth measurements were reduced to MSL in metres.

Geotechnical logs can be found in [APPENDIX 2](#)

2.2 Geotechnical Profiles

Table 2.1 summarises the parameters presented on composite borehole logs.

Table 2.1 – Parameters Presented on Logs

Data Type	Symbol	Data Units	Log
Soil Description	-	-	All
Corrected Cone Tip Resistance	q_t	MPa	CPTU, Composite
Sleeve Friction	f_s	MPa	CPTU, Composite
Pore Water Pressure	u_2	kPa	CPTU, Composite
Friction Ratio	R_f	%	CPTU
Pore Pressure Ratio	B_q	%	CPTU
Undrained Shear Strength	s_u	kPa	All
Relative Density	D_r	%	CPTU, Composite
Water Content	-	%	Sample, Composite
Density	-	Mg/m ³	Sample, Composite

2.3 Soil Layering

Layer descriptions were based on visual sample descriptions carried out offshore and *in situ* test results. The presented descriptions were then revised upon completion of the laboratory testing programme onshore. The shear strength for each layer is classified based on shear strength values from onshore isotropically consolidated undrained triaxial (CIUc), onshore anisotropically consolidated undrained triaxial (CAUc) offshore and onshore unconsolidated undrained triaxial (UUT) and offshore and onshore torvane and pocket penetrometer test results.

3 Laboratory Testing Programme

3.1 General

The objective of the laboratory test programme was to evaluate the pertinent physical and mechanical characteristics of the soils encountered at the site.

This section of the report discusses the laboratory testing programme performed. Tests were performed in accordance with standards outlined by Energinet Eltransmission A/S and are summarised in [Table 3.1](#).

Table 3.1 – Laboratory Testing Standards

Laboratory Test Type	Standard
Geological Description	ISO 14688-1 & 2, Danish Geotechnical Society Bulletin 1
Core Photography	ISO 22475-1
Water Content	ISO 17892-1
Bulk and Dry Density	ISO 17892-2
Particle Density	ISO 17892-3
Particle Size Distribution (Wet Sieve)	ISO 17892-4
Particle Size Distribution (Hydrometer)	ISO 17892-4
Incremental Loading Oedometer	ISO 17892-5
Unconfined Compressive Strength (UCS)	ISO 17892-7
Unconsolidated Undrained Triaxial (UUT)	ISO 17892-8
Isotropically Consolidated Undrained Triaxial (CIUc)	ISO 17892-9
Isotropically Consolidated Drained Triaxial (CIDc)	ISO 17892-9
Anisotropically Consolidated Undrained Triaxial (CAUc)	ISO 17892-9
Atterberg Limits (4 Point Method)	ISO 17892-12
Pocket Penetrometer	ISO 19901-8
Loss on Ignition	BS 1377-3
Acid Soluble Sulphate	BS 1377-3
Acid Soluble Chloride	BS 1377-3
Torvane	BS 1377-7
Rapid Determination of Carbonate Content	ASTM D4373
Cyclic Anisotropically Consolidated Undrained Triaxial (CAUcyc)	ASTM D5311
Thermal Conductivity	ASTM D5334
Direct Simple Shear (DSS)	ASTM D6528
Angularity of Grains	In-house method
Determination of Maximum and Minimum Density of Sands	Danish Geotechnical Society Guidelines

A summary of completed onshore laboratory tests, and the laboratory they were completed in are presented overleaf in [Table 3.2](#).

Table 3.2 – Onshore Laboratory Testing Schedule

Classification Test Type	Lab	Scheduled	Completed	Cancelled
Core Logging	Gardline	24.67m	23.61m*	
Core Photography	Gardline	31	31	
Water Content	Gardline	31	31	
Bulk and Dry Density	Gardline	29	25	4
Particle Density	Gardline	123	123	
Atterberg Limits (4 Point Method)	Gardline	107	107	
Particle Size Distribution (Wet Sieve)	Gardline	127	128	
Particle Size Distribution (Hydrometer)	Gardline	120	119	1
Angularity	Gardline	22	22	
Maximum and Minimum Dry Density	RINA	22	13	9
Carbonate Content	Gardline	42	42	
Acid Soluble Sulphate	Geolabs	42	42	
Loss on Ignition	Gardline	36	36	
Thermal Conductivity	Gardline	23	23	
Acid Soluble Chloride	i2 Analytical	42	42	
Oedometer	Gardline	50	50	
Torvane	Gardline	23	19	4
Pocket Penetrometer	Gardline	1	0	1
Priority UUT	Gardline	30	30	
Priority UUT	Geotechnical Engineering	50	50	
UUT	Gardline	99	92	7
UCS	RINA	1	1	
CIUc	RINA	12	12	
CIDc	RINA	20	20	
CAUc	RINA	28	28	
CAUcyc	RINA	10	9	1
DSS	RINA	14	14	

*Length after extrusion and removal of cuttings

A summary of completed offshore laboratory tests are presented in [Table 3.3](#) below.

Table 3.3 – Offshore Laboratory Testing Schedule

Classification Test Type	Vessel	Scheduled
Sample Photographs	Ocean Vantage	814
Water Content*	Ocean Vantage	1388
Bulk & Dry Density**	Ocean Vantage	85
Bulk Density	Ocean Vantage	499
Pocket Penetrometer	Ocean Vantage	1483
Torvane	Ocean Vantage	1398
Carbonate Content	Ocean Vantage	36

*Water Content includes water contents from density rings
 **Bulk and Dry Density from tests using density rings

3.2 Soil Description

Descriptive terms are based on both ISO 14688 and “A guide to engineering geological soil description” - Danish Geological Society, Bulletin 1 and are described in the following order:

- Relative density (SAND) / Shear strength (CLAY)
- MAIN SOIL/ROCK TYPE
- Degree of induration
- Grain size and degree of sorting (SAND) / plasticity (CLAY) / decomposition (PEAT)
- Minor components
- Structures
- Colours
- Mineralogy
- Carbonate content
- Colloquial names (if known)
- Depositional Environment
- Age

3.2.1 Shear Strength Classification

According to ISO 14688, fine grained soils are described using shear strength, as shown in [Table 3.4](#) below:

Table 3.4 – Soil Strength Classification

Undrained Shear Strength of Clays	Undrained Shear Strength (kPa)
Extremely low	0 – 10
Very low	10 - 20
Low	20 – 40
Medium	40 – 75
High	75 – 150
Very high	150 – 300
Extremely high	>300

3.2.2 Main Soil/Rock Type

The classification of soils is usually based on grain size, induration, sorting and plasticity. For clarity the main soil type is always written in capital letters.

3.2.3 Particle Size, Degree of Sorting, Plasticity and Decomposition

The basic soil types as defined by particle size analysis are as follows:

GRAVEL	Coarse	20.0mm to 60.0mm
	Medium	6.0mm to 20.0mm
	Fine	2.0mm to 6.0mm
SAND	Coarse	0.60mm to 2.0mm
	Medium	0.2mm to 0.60mm
	Fine	0.060mm to 0.2mm

SILT	Coarse	0.02mm to 0.060mm
	Medium	0.0060mm to 0.02mm
	Fine	0.002mm to 0.0060mm

CLAY Less than 0.002mm

The soil descriptions presented were derived from visual description and reviewed once the particle size analysis results became available.

The degree of sorting (C_u) is defined after particle size grading analysis using the expression d_{60}/d_{10} ; see Table 3.5 below.

Table 3.5 – Degree of Sorting

Degree of Sorting	C_u
Well Sorted	$C_u < 2$
Sorted	$2 < C_u < 3.5$
Poorly Sorted	$3.5 < C_u < 7$
Unsorted	$C_u > 7$

A glacial TILL deposit must always be expected to contain all grainsize fractions and to be unsorted. Therefore, both grainsize and sorting are omitted when describing glacial TILL. Classification of glacial TILL deposits are summarised in Table 3.6.

Table 3.6 – Classification of glacial TILL deposits

Grain Fraction	CLAY (%)	SILT (%)	SAND (%)	$I_p = W_l - W_p$ (%)
GRAVEL TILL	<12		>25	<4
SAND TILL	<12		>45-50	<4
SILT TILL	<12	>45-50		<4
CLAY TILL,				
Very silty 12-15				4-7
Very sandy 12-15				4-7
Sandy (“normal”) 12-15				7-10
Medium plasticity >20				>10
High plasticity >30				>25

The identification and description of fine-grained soils during offshore operations is based on a set of hand tests including plasticity and dilatancy. Descriptions were reviewed upon completion of Atterberg tests.

Table 3.7 below outlines the criteria used to determine the degree of plasticity.

Table 3.7 – Degree of Plasticity

Term	w_L %	I_P %	Clay Percentage (%)	USC-System
Clay, very fat	>80	>50		CV
Clay, fat	50-80	25-50		CH
Clay, lean	30-50	10-25		CM
Clay, silty / sandy	<30	7-10	15-20	CL
Clay, very silty / sandy	<30	4-7	10-15	CL
Silt, very clayey		4-7	<10	ML
Silt, clayey / sandy		<4	<10	ML

OL: Gyttja of Low plasticity CV: Clay of very high plasticity
 OH: Gyttja of High plasticity CH: Clay of high plasticity
 ML: Silt of low plasticity CM: Clay of intermediate plasticity
 MH: Silt of high plasticity CL: Clay of low plasticity

Plant remains in PEAT were distinguished by observing plant remains with the naked eye and using the “squeeze test” by determining the amount of squeezing between the fingers.

The levels of decomposition exhibited in organic sediments were recorded as summarised in [Table 3.8](#).

Table 3.8 – Degree of Decomposition

Degree of Decomposition	
Undecomposed	The plant remains lie apart without significant amounts of humic matter
Slightly decomposed	A certain amount of humic matter appears between the rather well preserved larger pieces of the sediment
Decomposed	The sample consists of an inhomogeneous mixture of larger, partly decomposed plant remains and humic matter
Strongly decomposed	The sample consists almost entirely of finely dispersed humic matter

3.2.4 *Minor Components*

The description of secondary constituents was performed offshore by visual observation and was later reviewed after completion of the particle size distribution results onshore.

Secondary soil constituents within a fine soil are classified as summarised in [Table 3.9](#).

Table 3.9 – Secondary Constituent Classification (Fine Soils)

Term	Principal Soil Type	Secondary Constituent
Slightly sandy / slightly gravelly	SILT or CLAY	<10%
Sandy / gravelly	SILT or CLAY	10 - 25%
Very sandy / very gravelly	SILT or CLAY	>25%

Secondary soil constituents within a coarse soil are classified as summarised in [Table 3.10](#).

Table 3.10 – Secondary Constituent Classification (Coarse Soils)

Term	Principal Soil Type	Secondary Constituent
Slightly clayey / slightly silty	SAND or GRAVEL	<5%
Clayey / silty	SAND or GRAVEL	5 - 10%
Very clayey / very silty	SAND or GRAVEL	>10%

In addition to describing secondary soil constituents, shells are described. The terms used are outlined in [Table 3.11](#) below.

Table 3.11 – Shell Classification

Shell Classification	Description
Shells	Indicating intact or almost intact shells
Shell Pieces	Indicating pieces which can easily be identified by an expert
Shell Fragments	Indicating that the shell fragments are of a size rendering a determination impossible without use of a microscope

3.2.5 Structures

Structures are divided into sedimentary and tectonic. Sedimentary structures include layering, laminations, schliering, crossbedding and anything formed by biological activity. Tectonic structures included folds, fractures, slickensides and faults.

3.2.6 Colour

A Munsell colour chart was used for reference when describing the colour of the sample, however the codes were not included in the descriptions.

3.2.7 Mineralogy

Where contrasting mineralogy was observed in the sample it was noted, such as pockets of glauconite or pyritised burrows.

3.2.8 Carbonate Content

Carbonate content was tested offshore by placing a drop of dilute Hydrochloric Acid (HCl) on the sample and noting the strength of the reaction that occurred.

3.2.9 Colloquial Soil Type Names

Colloquial names were not included in soil descriptions.

3.2.10 Depositional Environment

The grain size, degree of sorting, sedimentary structures, fossils as well as knowledge of the general geology from nearby campaigns were used to determine the depositional environment of soils.

3.2.11 Age

The geological age of sediments was determined by cross referencing soils from nearby campaigns in the area.

3.3 Classification Laboratory Test Results

Basic index laboratory tests were performed offshore during operations in the vessel soil laboratory. Testing included soil description, colour identification, natural moisture contents, bulk and dry densities.

Further classification testing was performed onshore based on the laboratory testing schedule agreed between Energinet and Gardline. This included water content, bulk and dry density, particle density, particle size distribution and Atterberg limits.

Offshore and onshore test results are presented in composite borehole logs in [APPENDIX 2](#). Summary tables are presented in [APPENDIX 9](#).

3.3.1 Water Content, Bulk Density and Dry Density

Water content, bulk density, and dry density tests were performed on all representative samples offshore during the geotechnical site investigation and onshore as part of the advanced laboratory testing schedule.

Bulk densities of soil samples were measured by weighing samples of known volume immediately following sample extrusion. Samples were then placed in an oven for a set time before being allowed to cool and their dry weight taken.

Next, the samples are dried until they are at a constant mass. Constant mass is defined as the point in which there is less than 0.1% change in mass of the dry soil, when dried for at least one more hour. If the change in mass of the sample exceeds 0.1% then the sample is dried in the oven for a further hour, and the weighing process repeated until constant mass is achieved.

Density values were consistent across the site and generally show good repeatability.

Water contents (without density) went through the same process. However, the volume of the soil was not known.

Water content values correlate very well between locations.

Water content and bulk and dry density values presented in this report are measured values and no corrections have been applied.

Four bulk and dry density tests were cancelled due to sampling tube disturbance. Standalone water content tests were carried out instead.

Testing was carried out in accordance with ISO 17892-1 & 2.

3.3.2 Particle Density

Particle density tests were completed onshore as scheduled in the laboratory testing program.

The particle density of a soil sample is the ratio between the mass of the dry mineral particles and the mass of distilled water displaced by the dry mineral particles. The fluid pycnometer method was used for all particle density tests.

Testing was carried out in accordance with ISO 17892-3.

3.3.3 Atterberg Limits

Atterberg limits were performed to determine the liquid limit, plastic limit, plasticity index and activity index of a cohesive soil. These help to understand the behaviour of fine-grained sediments encountered during the geotechnical survey.

Water content (w), Plastic Limit (P_L), Liquid Limit (L_L), and Activity Index (A_i) were determined for cohesive samples to provide classification information. In each case, the liquid limit test was performed by the cone penetrometer method. Where necessary, specimens were washed through a 400 μ m sieve to exclude oversized material.

The liquid limit is the water content at which a soil changes from the liquid to the plastic state. The plastic limit is the water content at which the soil ceases to be plastic when dried further.

Plastic Limit is determined by using 15-20g of soil paste, allowing the specimen to partially dry enough to be rolled into a ball. The ball is then rolled between the palms of the hands until the heat of the hands has dried the soil sufficiently for slight cracks to appear on the specimen's surface.

Next, the specimen is divided into two portions of about equal mass, one portion being divided into three sub-portions. Each sub-portion is moulded into an approximate 6mm diameter thread between the first finger and thumb of each hand. The thread is then placed onto a mixing plate and rolled further, maintaining even thickness across the thread until it reaches 3mm diameter. The process is repeated until the specimen crumbles.

Once each of the three sub-portions have crumbled, the pieces are placed in a container with lid. For the second portion the process is repeated, and all three sub-portions placed into a second container with lid. Each portion then has water content determined according to ISO 17892-1. Plastic limit is calculated by the average of the two water content determinations.

Values of the Plasticity index (I_P) and the Liquidity index (I_L) have been calculated for all fine grained soils. The liquidity index I_L is an index property that relates the natural water content of a fine grained soil to its respective liquid and plastic limits and is expressed as:

$$I_L = \frac{w - P_L}{I_P}$$

The Activity Index is principally dependent on the amount and the type of clay minerals and organic colloids present as well as on the electrolyte content of the pore water within the sample. Activity Index is calculated using the following formula:

$$I_A = \frac{(L_L - P_L)}{CF}$$

Where CF = is the dry mass of particles having an equivalent diameter less than 0,002 mm, divided by the dry mass of the specimen (or of the dry mass of the specimen after removal of the coarse fraction) expressed as a percentage.

Testing was carried out in accordance with ISO 17892-12.

3.3.4 Particle Size Distribution (PSD)

PSD tests were performed on samples as part of the onshore laboratory testing campaign to understand the composition and *in situ* behaviour of the identified soil units.

Soils consist of discrete particles varying in shape and sizes. The purpose of a particle size distribution is to group these particles into size ranges and determine the relevant proportions, by dry weight, of each size range.

Two separate and different procedures are used:

- Wet sieving – used to assess the coarse-grained particle sizes of gravel and sand
- Sedimentation by hydrometer – used for finer silt and clay particles

During sedimentation, a reagent of sodium hexametaphosphate solution is used to help disperse the soil particles; this is made up of 40g of sodium hexametaphosphate in 1 litre of distilled water.

Soils were also pre-treated for organic content. This involved burning off organic matter with Hydrogen Peroxide and then filtering under a vacuum before testing.

PSDs are considered to be of good quality and achieved repeatable results. They strongly correlate with the soil type and behavioural characteristics noted during the logging phase.

Twenty-five tests were completed in SAND, three tests were completed in SILT, seventy-four tests were completed in CLAY, one test was completed in SAND TILL, and twenty-five tests were completed in CLAY TILL.

One hydrometer was cancelled due to there being insufficient material after the wet sieve test.

Testing was carried out in accordance with ISO 17892-4.

3.3.5 Maximum and Minimum Density

Maximum and minimum densities were conducted as part of the onshore laboratory testing campaign.

Maximum dry density values ranged between 1.70Mg/m³ to 1.84Mg/m³.

Minimum dry density values ranged between 1.32Mg/m^3 to 1.38Mg/m^3 .

Nine tests were cancelled due to their fines content being greater than 10%.

Testing was carried out in accordance with Danish Geotechnical Society Guidelines.

3.3.6 Angularity

Angularity descriptions were undertaken within a selection of cores. In total twenty-two angularity descriptions were conducted across the site. They indicate a wide array of sand angularity, from rounded to angular.

3.4 Total Stress Laboratory Test Results

Index soil strength tests were performed offshore as these provide a fast method for clarification of undrained shear strength in fine grained cohesive soils. Index shear strength tests used offshore included pocket penetrometer and torvane testing apparatus.

Unconsolidated Undrained Triaxial (UUT) tests were performed offshore and onshore to aid design as agreed by Energinet and Gardline. This included intact UUTs and remoulded UUTs.

Shear strength results on the fine-grained units encountered generally correlate well with one another.

Index shear strength results are on the sample logs in [APPENDIX 2](#) and in the shear strength summary tables in [APPENDIX 10](#).

3.4.1 Pocket Penetrometer

The pocket penetrometer is a small handheld device consisting of a steel cylindrical plunger or adaptor and calibrated compression spring located in a cylindrical housing. The plunger is forced to penetrate the soil sample a fixed distance into the soil in a push time of approximately 1 second. The compression of the pocket penetrometer spring is directly calibrated to indicate the undrained shear strength of the soil (s_u). At least three readings should be performed on a specimen and the average of these readings taken as the final measurement.

Three different adapters for the pocket penetrometer were made available in order to facilitate measurements of very high to extremely high strength soils, with a maximum capacity of 1200kPa. Each adapter has a specified calibration factor used to calculate the undrained shear strength.

One onshore pocket penetrometer test was cancelled due to sampling tube disturbance.

Testing was carried out in accordance with ISO 19901-8.

3.4.2 Torvane

The Torvane is a small hand-operated device consisting of a plastic disc with thin, radial vanes projecting from one face. The Torvane is pressed against a flat surface of the soil until the vanes are fully embedded and is rotated through a torsion spring until the soil is sheared. The device is calibrated to indicate shear strength of the soil directly from the rotation of the torsion spring.

Four onshore Torvane tests were cancelled due to sampling tube disturbance.

Testing was carried out in accordance with BS 1377-7.

3.4.3 Unconsolidated Undrained Triaxial (UUT)

The UUT test is used to determine shear strength and stiffness of a soil for design.

In the UUT the test specimen is encapsulated in a latex rubber membrane and subjected to a confining pressure to replicate *in situ* ground conditions. The soil specimen is then loaded axially in a load frame at a constant rate of strain; typically, in the order of 1-2% per minute until the specimen fails. No drainage is allowed at any stage of the test. The undrained shear strength of the soil, s_u is half of the deviator stress at failure:

$$s_u = \frac{\sigma_1 - \sigma_3}{2}$$

Where $\sigma_1 - \sigma_3$ is the maximum deviator stress (kN/m^2).

All triaxial results are presented on the borehole log in [APPENDIX 2](#). Triaxial summaries and plots are presented in [APPENDIX 11](#).

Seven UUTs were cancelled due to the specimens fracturing at preparation stage.

Testing at Gardline was carried out in accordance with ISO 17892-8. UUT tests were terminated on 15% axial strain. All UUTs were trimmed to 70mm diameter during sample preparation.

UUT tests carried out at Geotechnical Engineering were tested in accordance with ISO 17892-8, however technician error resulted in tests being terminated using the BS 1377-7 stop criteria. This does not affect the shear strength results, as testing was either terminated after the peak deviator stress was clearly defined, or at 15% axial strain. Shear strength is calculated at peak deviator stress or at 15% axial strain, so this affects the graphical plots only.

3.5 Chemical and Electro-Chemical Tests

Carbonate content, mass loss on ignition, acid soluble sulphate, acid soluble chloride, and thermal conductivity testing was conducted as part of the onshore testing programme.

A summary of all chemical tests is presented in [APPENDIX 12](#).

3.5.1 Carbonate Content

The test procedure is a gasometric method that utilises a simple portable apparatus. The carbonate content of soil is determined by treating a dried soil specimen with hydrochloric acid (HCl) in an enclosed reaction cylinder (reactor). Carbon dioxide (CO_2) gas is exsolved during the reaction between the acid and carbonate fraction of the specimen. The resulting pressure generated in the closed reactor is proportional to the calcite equivalent of the specimen. This pressure is measured with a suitable pressure gauge, or equivalent pressure-measuring device, that is pre-calibrated with reagent-grade calcium carbonate.

It should be noted that the results of this test are calcite equivalent as different carbonate species will result in percentages greater than 100%. This test does not distinguish between the carbonate species and such determination must be made using quantitative chemical analysis methods such as atomic absorption.

Testing was carried out in accordance with ASTM D4373-14.

3.5.2 Loss on Ignition

Loss on ignition testing is used to determine the proportion, by mass, which is lost from a soil by ignition at a certain temperature.

The sample is dried to a constant mass in an oven at $50 \pm 2.5^\circ\text{C}$, cooled to room temperature in a desiccator and weighed. The sample is then passed through a 2mm sieve. Any particles that are retained (other than stones) are crushed until they pass through the 2mm sieve. The mass passing the 2mm sieve is then recorded to the nearest 0.1%.

The sample is then divided by successive riffing to produce a sample weighing more than 10g and then pulverized and passed through a $425\mu\text{m}$ sieve. The sample which passes the $425\mu\text{m}$ sieve is then riffled to obtain test specimens each weighing 5g. Each specimen is then dried in an oven at $50 \pm 2.5^\circ\text{C}$ until the difference in successive weighing's, every 4hours, does not exceed 0.1% of the original mass of the sample. The sample is then cooled in a desiccator and weighed to 0.001g.

Next, the crucibles are placed in a furnace, ignited at $440 \pm 25^\circ\text{C}$ for at least 3 hours, removed from the furnace and allowed to cool to room temperature in a desiccator. The crucible and its contents are then weighed to the nearest 0.001g.

To calculate mass loss on ignition as a percentage of the dry mass passing a 2mm sieve the following equation is used:

$$LoI = \frac{m_3 - m_4}{m_3 - m_c} \times 100\%$$

Where

m_3 is the mass of the crucible and oven-dry soil specimen

m_4 is the mass of the crucible and specimen after ignition

m_c is the mass of the crucible

Testing was carried out in accordance with BS 1377-3.

3.5.3 Acid Soluble Sulphate

This method determines the acid soluble sulphate content of soils by adding excess HCl to test specimens to dissolve the acid soluble sulphate species into solution. The sulphate in solution is determined gravimetrically by adding barium chloride to the extract to precipitate the sulphate as barium sulphate.

Testing was carried out in accordance with BS 1377-3

3.5.4 Acid Soluble Chloride

This method determines the acid soluble chloride content in soil by extraction with nitric acid. Silver nitrate is added and then followed by titration against thiocyanate.

Testing was carried out in accordance with BS 1377-3

3.5.5 Thermal Conductivity

This test method presents a procedure for determining the thermal conductivity of a soil using a transient heat method. It is applicable for both undisturbed and remoulded soil specimens. This test method is suitable only for isotropic materials and for both dry and saturated materials. It is applicable to materials over a wide temperature range from <0 to >100°C, depending on the suitability of the thermal needle probe construction to temperature extremes.

Testing was carried out in accordance with ASTM D5334-14.

3.6 Consolidation Tests

3.6.1 Incremental Loading Oedometer

Oedometer tests were completed to characterise stress history, compressibility and flow behaviour during one-dimensional compression or swelling of cohesive soils. Oedometer tests had five loading phases during consolidation.

Samples were laterally confined in an oedometer ring and an increment of load was applied to the submerged sample until primary consolidation was achieved. Increments of load were applied to each sample to determine the soil-strain behaviour.

Oedometer tests are considered to be of good quality.

Results and summaries are presented in [APPENDIX 13](#).

Testing was carried out in accordance with ISO 17892-5.

3.7 Effective Stress Tests

The effective stress testing program comprised Isotropically Consolidated Undrained Triaxial Compression (CIUc), Isotropically Consolidated Drained Triaxial (CIDc), Anisotropically Consolidated Undrained Triaxial Compression (CAUc), and Anisotropically Consolidated Undrained Triaxial Compression with Cyclic Loading (CAUcyc) tests.

Effective stress results are presented in [APPENDIX 14](#).

3.7.1 Isotropically Consolidated Undrained Triaxial Compression Tests

CIUc tests were scheduled to determine the isotropically consolidated undrained shear strength, and pore pressure change during shear, when a specimen is subjected to compression under a known effective stress.

The test is carried out in three stages: saturation, consolidation and compression. The saturation stage is used to ensure that all voids are filled with water before testing. The consolidation stage

immediately follows and is used to bring the specimen to the state of effective stress used for carrying out the compression test. The compression stage involves shearing the sample at a constant rate of axial deformation while the cell pressure is maintained. No drainage is permitted and therefore the moisture content remains constant during compression.

From a set of tests, the undrained effective shear strength parameters at failure can be derived.

Testing was carried out in accordance with ISO 17892-9.

3.7.2 Isotropically Consolidated Drained Triaxial Compression Tests

CIDc tests were scheduled to determine the isotropically drained shear strength, and volume change characteristics during compression of a specimen from which the pore water can drain freely.

The test is carried out in three stages: saturation, consolidation and compression. The saturation stage is used to ensure that all voids are filled with water before testing. The consolidation stage immediately follows and is used to bring the specimen to the state of effective stress used for carrying out the compression test. The compression stage involves shearing the sample at a constant rate of axial deformation while the cell pressure is maintained.

All CIDc tests were single specimen single stage tests and were reconstituted to specified target dry densities.

Testing was carried out in accordance with ISO 17892-9.

3.7.3 Anisotropically Consolidated Undrained Triaxial Compression Tests

CAUc tests were scheduled to determine the undrained shear strength characteristics and stress-strain relationships. The tests were preloaded anisotropically to an estimate of the preconsolidation effective stresses, then unloaded back to the existing *in situ* effective stresses prior to shearing. In this way, the specimen is taken through a stress path mimicking its consolidation history and during which it is intended that any disturbance that the specimen may have experience during sampling, or stress relaxation from exhumation may be 'repaired' prior to the shearing of the sample.

Testing was carried out in accordance with ISO 17892-9.

3.7.4 Cyclic Anisotropically Consolidated Undrained Triaxial Compression Tests

CAUcyc tests were scheduled to determine the undrained shear strength characteristics and stress-strain relationships with cyclic loading. The tests were prepared and consolidated in the same manner as the CAUc tests. Cyclic loading generally causes an increase in the pore water pressure of the specimen, which results in a decrease in the effective stress and an increase in the cyclic axial deformation.

Pressures were calculated using q_{net} values from CPTU tests, reference values from nearby static tests, and CSR and ASR values as provided by Energinet.

Table 3.12 overleaf provides a summary of the test specifications for each location.

Table 3.12 – Cyclic CAUc Test Specifications

Test Specimen	Average Static Stress (kPa)	Cyclic Shear Stress (kPa)	Cyclic Average Strain (%)	CSR	ASR
CB3a-BH P19AQ1	46	7	0.20	0.150	0.300
CB5-BH P19Q1	27	13	0.06	0.150	0.250
CB6-BH P12Q1	19	4	0.02	0.100	0.300
CB10-BH P11Q1	22	3	0.02	0.100	0.350
CB10a-BH P24Q1	106	106	0.44	0.300	0.300
CB12-BH P37Q1	76	64	0.28	0.300	0.350
CB13-BH P29Q1	63	20	0.13	0.250	0.300
CB14-BH P19Q1	37	22	6.89	0.150	0.250
OSS2-BH P05Q1	7	3	0.04	0.050	0.250

Table 3.13 below shows shear modulus (MPa) at different cycles

Table 3.13 – Shear Modulus (MPa) against Number of Cycles

Test Specimen	Shear Modulus (MPa) / Number of Cycles								
	1	5	10	20	50	200	500	1000	1500
CB3a-BH P19AQ1	4.61	4.05	3.88	3.63	3.38	3.01	2.73	2.56	2.46
CB5-BH P19Q1	21.48	19.89	18.27	18.27	16.88	16.96	16.07	14.84	14.92
CB6-BH P12Q1	14.59	14.12	11.38	14.12	11.97	11.57	13.65	11.77	11.38
CB10-BH P11Q1	9.20	10.82	11.04	9.20	8.84	9.39	9.02	7.89	9.02
CB10a-BH P24Q1	13.70	17.86	17.56	17.35	16.91	16.06	15.70	15.80	16.06
CB12-BH P37Q1	6.55	14.02	14.92	14.71	14.67	-	-	-	-
CB13-BH P29Q1	21.05	18.96	18.90	17.10	10.56	-	-	-	-
CB14-BH P19Q1	6.41	1.24	-	-	-	-	-	-	-
OSS2-BH P05Q1	5.98	5.33	5.44	5.33	4.99	4.89	4.89	5.22	5.22

One CAUcyc test (OSS1-BH P40Q1) was cancelled due to the specimen failing during the consolidation stage.

Testing was carried out in accordance with ASTM D5311.

3.7.5 Monotonic Direct Simple Shear

Monotonic DSS tests were scheduled to determine the stress-strain-strength relationships for monotonic horizontal loading.

DSS tests were laterally confined using rings and consolidated to the (isotropic) consolidation stress prior to unloading to the vertical in situ stress. Samples were then monotonically sheared under constant volume conditions to determine the stress-strain behaviour of the soil.

Tested in accordance with ASTM D6528-17.

Results are presented in [APPENDIX 15](#).

3.8 Rock Test Results

3.8.1 Unconfined Compressive Strength (UCS)

UCS testing was scheduled to determine the unconfined compressive strength of selected intact rock core specimens.

The specimen is loaded axially in a load frame at atmospheric pressure and at a constant rate of strain; typically, in the order of 0.5-1% per minute until the specimen fails, in order to determine the stress-strain behaviour.

Testing was carried out in accordance with ISO 17892-7.

Results are presented in [APPENDIX 16](#).

4 CPTU Analysis

4.1 General

Seabed mode CPTUs were attempted at each target location using Gardline’s 20-tonne (200kN) thrust capacity seabed CPTU rig system utilising a constant tension umbilical winch to provide communications, electrical and hydraulic power to the surface unit. Tests were conducted with 10cm² cones calibrated in accordance with ISO 22476-1.

Downhole CPTUs were performed utilising a WISON downhole system via an independent winch and umbilical cable in combination with the drill rig. Tests were carried out in accordance with the requirements of ISO 19901-8:2014 and conducted with 10cm² cones calibrated in accordance with ISO 22476-1.

Acquired CPTU data was processed using Gardline proprietary TerraFusion software.

4.2 CPTU Results

In total 14 composite CPTU and sample boreholes (including two bump overs) and 52 seabed CPTU locations (including 12 retests) were completed during the site investigation.

A total of 255 CPTUs were conducted.

Cone offsets were taken on deck before and after the test and downhole before and after each test. The offsets were checked for consistency before and after testing. Cone offsets are tabulated in CPTU Reference Readings for downhole CPTU in [APPENDIX 3](#).

[Table 4.1](#) below summarises the cone offset classifications of the CPTU tests conducted. Where test data fell outside the required standard according to the shift engineer’s judgement with reference to ISO 19901-8:2014, a cone change was conducted.

Table 4.1 – Application Class Summary

CPTU Application Class	Total No. Tests
Class 1	190
Class 2	40
Class 3	11
Out of Class	14
Total	255

[Table 4.2](#) below summarises an overview of the reached depths of the seabed CPTU tests and the test termination criteria.

Table 4.2 – Termination Criteria of Seabed Mode CPTU/SCPTU Locations

Location	Push Depth	Termination Criteria
CB3a	59.18	Terminated due to loss of communication with cone
CB4	35.92	Terminated at operators’ discretion due to lack of rod support from mudline when pushing into dense material

Location	Push Depth	Termination Criteria
CB5	5.46	Terminated at operators' discretion due to sudden increase in sleeve friction and tip resistance, with poor lateral rod support in the first 2m
CB5a	37.34	Terminated at operators' discretion due to sudden increase in tip resistance, total force and a lack of lateral rod support throughout latter half of test
CB6	6.26	Terminated at operators' discretion due to sudden increase in inclination and tip resistance
CB6a	36.26	Terminated at operators' discretion due to high inclination (18°)
CB7	20.89	Terminated due to acquisition software crashing mid-test causing loss of communication with cone
CB7a	31.27	Terminated due to sleeve friction refusal
CB8	24.61	Terminated at operators' discretion due to an increase in cone inclination to prevent damage to equipment
CB9	41.87	Terminated due to increasing cone inclination of 3° within a metre
CB10	28.99	Terminated at operators' discretion to avoid damage to equipment due to lack of lateral rod support from mudline
CB11	22.28	Terminated at operators' discretion due to lack of lateral rod support from mudline and increasing cone inclination
CB12	35.08	Terminated at operators' discretion due to high risk of rod bend
CB13	34.11	Terminated at operators' discretion due to high inclination and risk of rod bend
CB14	22.79	Terminated due to increasing cone inclination of 3° within a metre
CPT3	7.68	Terminated due to increasing cone inclination of 3° within a metre and increasing tip resistance
CPT3a	3.76	Terminated due to increasing cone inclination of 3° within a metre and increasing tip resistance
CPT3b	2.06	Terminated due to increasing cone inclination of 3° within a metre and increasing tip resistance
CPT4	32.39	Terminated at operators' discretion due to increasing sleeve friction and to prevent damage to the equipment
CPT6	6.08	Terminated at operators' discretion due to sudden increase in sleeve friction and tip resistance
CPT6a	37.04	Terminated at operators' discretion due to increasing total load, tip resistance, and lack of lateral rod support

Location	Push Depth	Termination Criteria
CPT7	36.73	Terminated at operators' discretion due to a sudden increase in tip resistance, high total load, and cone inclination
CPT8	20.81	Terminated at operators' discretion due to lack of lateral rod support from mudline resulting in a high risk of buckling rods when in very dense sands
CPT9	32.64	Terminated due to increasing cone inclination, SBF inclination, and increasing total load
CPT10	37.29	Terminated due to increasing total force, increasing cone inclination, and a lack of lateral rod support from mudline
CPT11	4.15	Terminated due to maximum sleeve friction refusal
CPT11a	43.68	Terminated at operators' discretion due to high inclination, total load, and risk of rod bend
CPT12	39.37	Terminated at operators' discretion due to high inclination,
CPT13	35.91	Terminated due to maximum sleeve friction refusal
CPT14	27.72	Terminated at operators' discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination
CPT15	49.82	Terminated due to maximum sleeve friction refusal
CPT16	29.78	Terminated due to poor data quality after dissipation test
CPT16a	33.44	Terminated at operators' discretion due to lack of lateral rod support from mudline, increasing total load, and total cone inclination reaching near critical
CPT18	37.79	Terminated at operators' discretion to avoid damage due to lack of lateral rod support from mudline
CPT20	49.82	Terminated at operators' discretion to avoid damage due to lack of lateral rod support from mudline and increasing total load
CPT22	46.18	Terminated due to cone inclination reaching maximum inclination threshold of 12° and the risk of rod bend and buckling rods
CPT23	41.30	Terminated at operators' discretion due to risk of rod bend
CPT25	30.65	Terminated due to loss of communication with cone after attempting a dissipation test
CPT25a	30.37	Terminated due to loss of communication with cone after attempting a dissipation test
CPT25b	31.12	Terminated at operators' discretion due to increasing total load and lack of lateral rod support from mudline
CPT26	37.33	Terminated at operators' discretion to avoid damage due to lateral rod support and an increasing tip load
OSS 1	47.95	Terminated due to loss of communication with cone

Location	Push Depth	Termination Criteria
OSS 1a	18.84	Terminated at operators' discretion due to increasing cone inclination
OSS 2	15.77	Terminated at operators' discretion due to a lack of lateral rod support from mudline resulting in a high risk of buckling rods in very dense sands
SCPT1	2.64	Terminated due to a communication issue with the seismic source
SCPT1a	37.79	Terminated at operators' discretion due to increasing total force and lack of lateral rod support
SCPT2	26.52	Terminated at operators' discretion due to cone inclination exceeding 12° and a lack of lateral rod support in hard ground
SCPT5	30.09	Terminated at operators' discretion due to increasing total load and a lack of lateral rod support from mudline
SCPT17	18.70	Terminated due to increasing cone inclination of 3° within a metre
SCPT19	21.92	Terminated at operators' discretion due to cone inclination reaching the maximum 12°
SCPT21	31.68	Terminated due to rising weather conditions
SCPT24	32.93	Terminated due to increasing cone inclination of 5° within a metre

The SBF for the drill rig was fitted with base inclinometers, measuring the x-axis and y-axis of the rig, which was monitored throughout.

It should be noted that on occasion, CPTU results showed negative pore water pressure (PWP) when penetrating high to extremely high strength clays. This response is common in over-consolidated clays and is caused by cavitation during penetration. Cavitation can be easily identified in the CPTU records when negative PWP appears to reach a limit and flat-line, this limit corresponds to the cavitation pressure.

The minimum negative PWP reading that a cone can register will be a function of the cavitation pressure, which is given by the sum of atmospheric and hydrostatic pressures.

Minimum deck to deck values for each application class are defined in [Table 4.3](#) overleaf.

Table 4.3 – CPTU Application Class Criteria

Application Class	Measured Parameter	Allowable Min. Accuracy
1	Cone Resistance	35 kPa
	Sleeve Friction	5 kPa
	Pore Water Pressure	25 kPa
2	Cone Resistance	100 kPa
	Sleeve Friction	15 kPa
	Pore Water Pressure	50 kPa
3	Cone Resistance	200 kPa
	Sleeve Friction	25 kPa
	Pore Water Pressure	100 kPa

4.3 Presentation of Data

The CPTU data are presented in two sets of plots. The first set represents corrected measured parameters. These plots consist of:

- Cone resistance - q_c
- Sleeve friction - f_s
- Pore water pressure - u_2 (behind the tip)
- Hydrostatic Pore Pressure – u_0
- Cone Inclination

The data acquired downhole was corrected for the error involved in zeroing the cone sensors at the borehole base:

$$u_2 = u_2^* + \gamma_w * d$$

$$q_c = q_c^* + d * \alpha * \gamma_w$$

Where

- α = the ratio of the cone shaft to the area of the cone
- u_2^* & q_c^* = the measured values of the downhole CPTU
- d = depth of borehole below seabed
- γ_w = unit weight of water
- z = depth of cone tip below bottom of borehole

The second set represents derived parameters and contains the following calculated data:

- Corrected cone resistance - q_t
- Net cone resistance – q_{net}
- Friction Ratio - R_f
- Pore pressure ratio - B_q

The data for the derived plots were calculated using the following formulae:

$$q_t = q_c + \alpha * \gamma_w * d + (1 - \alpha) * (u_2 + \gamma_w * d) = q_c + (1 - \alpha) * u_2 + \gamma_w * d$$

$$R_f = f_s / q_t * 100\%$$

$$B_q = \Delta u / q_n$$

where $q_{net} = q_t - \sigma_{v0}$

and $\Delta u = u_2 - \gamma_w * Z$

Ratio of the cone shaft to the area of the cone tip - α

Net cone resistance - q_{net}

Pore pressure in excess of hydrostatic pressure - Δu

Total overburden pressure of overlying sediments - σ_{v0}

Measured and derived plots are presented for downhole mode and seabed mode CPTU in [APPENDIX 3](#).

Undrained shear strength (s_u) is calculated using the following formula:

$$s_u = q_{net} / N_{kt}$$

where $N_{kt} =$ Cone Factor

Undrained shear strengths are calculated using N_{kt} values of 12.5-16.5 and 15.0-20.0. Undrained shear strengths are only presented for fine grained undrained cohesive soils. [Table 3.5](#) shows the strength descriptor used for CPTU and sample log interpretations.

Relative density of the soil is a measure of the compactness of the soil and varies with the particle size and mineralogy; the gradation and the manner in which the soil mass was compacted (geological history). The relative density has been derived from the CPTU results using the correlation proposed by Jamiolkowski et al. 1988.

Relative density correlations are derived from laboratory tests carried on laboratory tests on normally consolidated, un-cemented, un-aged, clean, predominantly silica sands. If the tested sand stratum contains any deviation from this in the form of gravel, silt or clay content, slight cementation, or high carbonate content, then the estimated relative densities may be deemed to be un-representative.

Relative density (D_r) is calculated using the following formula:

$$D_r = \left[\frac{1}{2.93} \right] \ln \left[\frac{q_c}{205 (\sigma'_m)^{0.51}} \right] \times 100$$

where $\sigma'_m = \left[\frac{\sigma'_{v0} (1 + 2K_0)}{3} \right]$ Estimated mean effective stress at test depth

$\sigma'_{v0} =$ Total effective overburden pressure of overlying sediments

$K_0 =$ Coefficient of lateral earth pressure

K_0 is the coefficient of lateral earth pressure; both K_0 values of 0.5 and 1.0 are used on CPTU logs to present a range of relative density values. Engineers should utilise engineering judgement when reviewing the relative density profiles. In general, the lower K_0 value represents normally

consolidated conditions, usually encountered at shallow depths, and the higher K_0 value is more appropriate in overconsolidated soil conditions encountered at greater depth.

All measured and derived CPTU data is presented on CPTU logs in [APPENDIX 3](#).

Table 4.4 – CPTU Application Class Criteria

Relative Density Descriptor	D_r (%)
Very loose	0 – 15
Loose	15 – 35
Medium dense	35 – 65
Dense	65 – 85
Very Dense	85 – 100

The equation used by Jamiolkowski et al. (1988) above, is derived from laboratory tests carried on three well-known silica sands: fine to medium Ticino, Toyoura and Hokksund. Laboratory tests were carried out on fine to medium, normally consolidated, un-cemented, un-aged, clean, predominantly silica sands of low to moderate compressibility. If the tested sand stratum contains any deviation from this in the form of gravel, silt or clay content, slight cementation or high carbonate content, then the estimated relative densities may be deemed to be un-representative.

Since Jamiolkowski’s laboratory calibration tests were performed on essentially uniform fine to medium grained “clean” silica sands, the predicted relative density (D_r) results should be applied with caution and the results considered as “equivalent” values of relative density. Furthermore, at low stress levels the Jamiolkowski proposal becomes less accurate for the determination of relative density.

4.4 Rejected Data

For position CB5-BH, the data for CPT4 was rejected as the data was considered void after processing.

For position OSS2-BH, CPT4 was aborted due to poor data quality and the data was not presented.

4.5 N_{kt} Assessment

An interim N_{kt} assessment was carried out using some of the expedited UUT results in the low strength clays using the q_{net} values from the corresponding seabed CPTU tests. Values of 20.0-30.0 were obtained from this assessment, but it is important to note that this range is higher and wider than expected for soils encountered across the site.

It is commonly agreed that UUTs are less reliable for N_{kt} assessments than CAUc and DSS tests. INSAFE classes UUT shear strength values as low reliability when below 20kPa and moderate to low in reliability when below 40kPa.

Upon completion of the DSS and CAUc testing, a further N_{kt} assessment was carried out. Average values of 11.0-15.0 were obtained from this assessment in the lower strength clays, so the values of 12.5-16.5 originally used have not been changed.

For the higher strength clays and tills, values ranged between 8.0-28.0. This range is quite high and scattered so the assessment is inconclusive. The values have not been changed from the original 15.0-20.0.

Visual representations of the N_{kt} assessments can be found in [APPENDIX 4](#).

5 SCPTU Analysis

5.1 General

Seabed mode SCPTU were attempted at each target location using Gardline's 20-tonne (200kN) thrust capacity seabed CPTU rig system utilising a constant tension umbilical winch to provide communications, electrical and hydraulic power to the surface unit. The seismic source was lowered independently as part of the sequence of operations.

SCPTU operations were carried out in accordance with ISO 19901-8:2014. Acquired SCPTU data was processed using Gardline's proprietary SCPTpro processing software.

5.2 Presentation of Data

For each investigated depth, the depth of each geophone below seabed is given along with the horizontal source offset. This allows the assumed wave travel paths and derived seismic velocities to be determined. This is presented in [APPENDIX 5](#).

5.3 Methodology

Processing of SCPT data follows eight steps:

- 1) Shot File Selection
- 2) Shear Wave Polarisation Analysis
- 3) Targeted Analysis
- 4) Fourier Transform and Filtering
- 5) Correlation Coefficient
- 6) Manual Picking
- 7) Representative Lag Selection
- 8) Interval Velocity Calculation (SRA method)

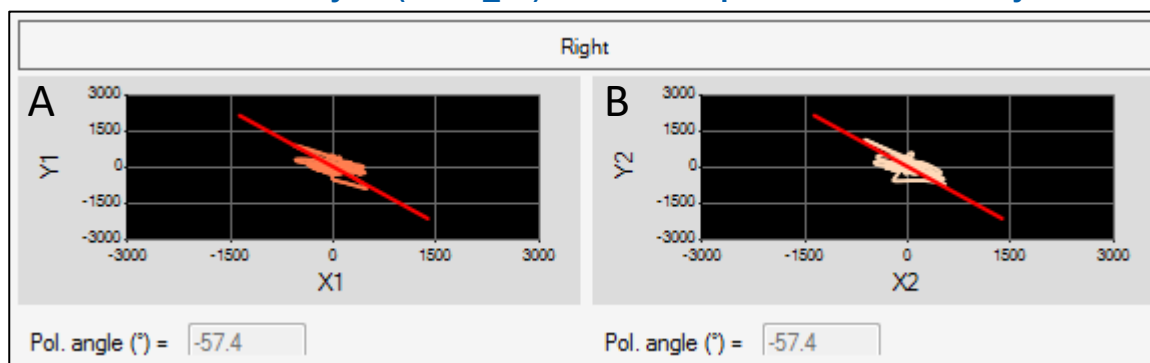
5.3.1 Shot File Selection

Once the seismic cone is at testing depth, several hammer blows are fired: horizontal Left (L), horizontal Right (R) and vertical. Each recorded shot is visualised allowing misfires to be disregarded and the best shots, by means of Signal to Noise Ratio (SNR), selected and stacked.

5.3.2 Shear-Wave Polarisation Analysis

The x-axis and y-axis orientation of the geophones, relative to the source, are not known during SCPT testing. This is paramount to the success of determining shear-wave velocity from horizontal blows. Polarisation analysis reconstructs the primary shear-wave direction, using the x-axis and y-axis signals, providing a best representation of the shear waves while also improving SNR. The reconstructed signal is called Full Waveform (FW); see [Figure 2](#).

Figure 2 - Polarisation Analysis (SCPT_57) Red Line Represents New Primary Axis



Polarisation analysis of top geophone (A) and bottom geophone (B)

5.3.3 Targeted Analysis

It is assumed that the lag of the first shear wave arrival is most representative. The later the lag is measured the less relevant it is for the analysis as it can be associated with more “wandering” or reflected waves paths. It should therefore be noted that the time lag between upper and lower geophones are not constant for a given record.

For this reason, analysis should target the direct shear-wave paths. SCPTpro can focus on a portion of the signals where the hammer blow first appears. This “Target Window” analysis disregards potential correlated noise which could lead to the determination of irrelevant lags. These new “cropped” signals are then analysed in addition to original signals.

5.3.4 Fourier Transform and Filtering

The Fourier Transform is calculated for each signal. This allows the application of filters and cleaning signals from the ambient noise. Fourier Transform handling also provides direct calculation of the Cross-Correlation Function (CC analysis) and the determination of the time lag between top and bottom geophone signals. This is also done for the “cropped” signal (Targeted Cross-Correlation (TCC) analysis).

5.3.5 Correlation Coefficient

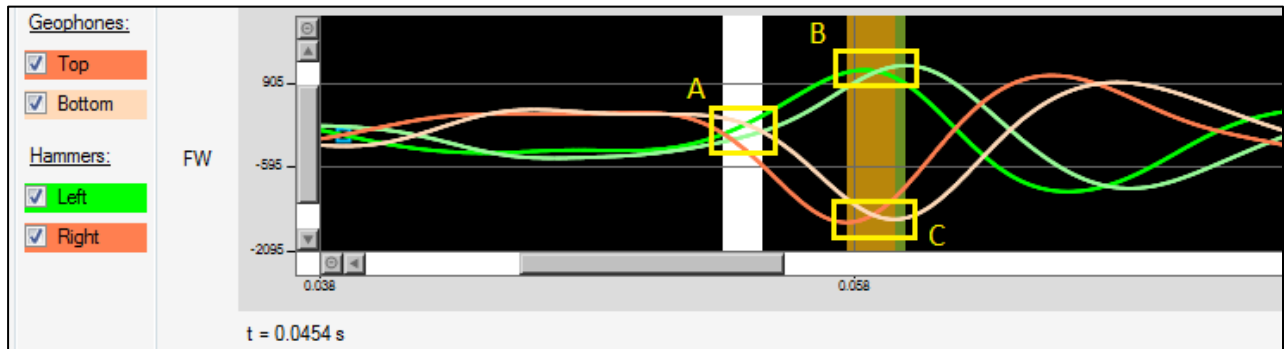
The Correlation Coefficient is calculated for each signal. The Correlation Coefficient provides an assessment of the similarity between two signals after compensating for the lag between them.

5.3.6 Manual Picking

Visualisation and manual selection of signal offsets between identifiable features allows the engineer to select the most representative calculated or “picked” lag. This is done by selecting peaks (on Left or Right signals) or cross-overs (between L and R).

For each record where the hammer blow was clearly identifiable, time delays were manually picked on each available feature among *Peak (Left signal) / Peak (Right signal) / Cross-Over* between the signals; see [Figure 3](#).

Figure 3 –Manual picking on, Cross-Over (A), Left Peaks (B) and Right Peaks (C)



5.3.7 Representative Lag Selection

Several independent methods are used to determine the lag values between the upper and lower geophones.

5.3.8 Interval Velocity Calculation (SRA Method)

Once the delay between signals is determined, an initial assessment of the interval velocity is made assuming direct slant rays between the source and the geophones. This is known as the Straight Ray Assumption (SRA); see Figure 4 below.

The path length difference Δl is then easily determined as:

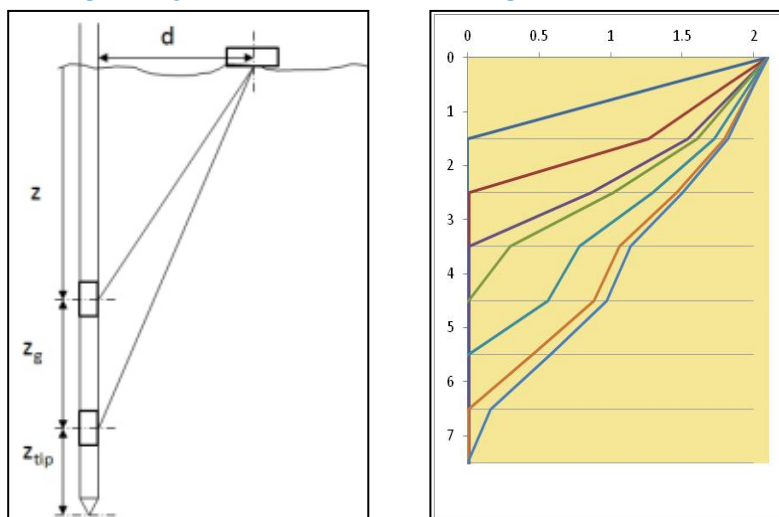
$$\Delta l = \sqrt{(d^2 + (z + z_g)^2)} - \sqrt{(d^2 + z^2)}$$

5.3.9 Reduced Velocity Calculation (iterative Method)

To determine the path length difference Δl , SCPTpro can also calculate a more complex method which allows the mechanical properties of the soils to be considered.

Following Snell’s Law and Fermat’s Principle, a ray penetrating with a non-null inclination into a soil showing a sudden and significant change of impedance will undergo refraction. Therefore, a signal ray path going through a succession of layers with significantly mismatching impedances can be modelled as a succession of straight lines being refracted at each interface between layers; see Figure 4 below.

Figure 4 –Left: Straight Ray Assumption (SRA), Right: Snell’s Law and Fermat’s Principle



5.4 Results

After thorough review of the data collected, the derivation of the P-wave velocity has been deemed inconclusive. The difficult task of acquiring compression velocities from P-waves in offshore SCPT testing being exacerbated on this site by the very soft soils encountered. Therefore, no P-wave velocities are presented in this report. Corresponding traces along Z-axis geophones are presented in the appendices.

S-wave velocities along with SCPTU data against depth are presented in [APPENDIX 5](#).

6 PS Logging

6.1 General

PS Logging data were acquired at CBT-DH2 and CBT-DH3. Equipment was managed by Robertson Geologging operators and data quality overseen by Robertson Geologging.

6.2 Equipment

PS Logging is used for the in-situ determination of compression (P) and shear (S) wave seismic velocities. The equipment, manufactured by OYO Corporation, comprises a directional seismic source and a pair of directional seismic detectors mounted together with associated power, switching and data transmission electronics, in a 6.25m long wireline sonde (Figures 4.1 and 4.2). It is deployed in a fluid filled uncased borehole from a logging winch (Figure 4.3) fitted with a depth encoder. Operation is controlled using Robertson Geologging Ltd (RGL) software running a RGL Micrologger 2 logging interface unit.

Figures 6.1 and 6.2 PS Logging Sonde Components

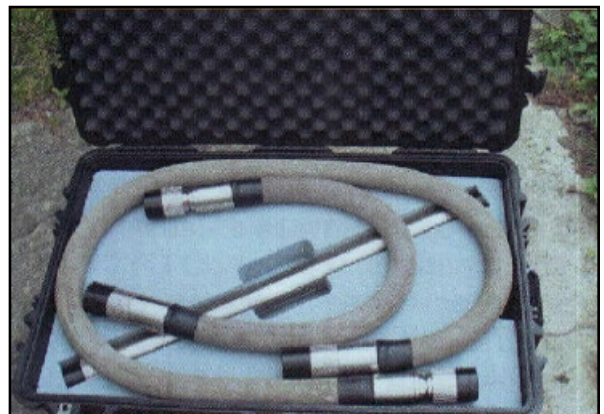
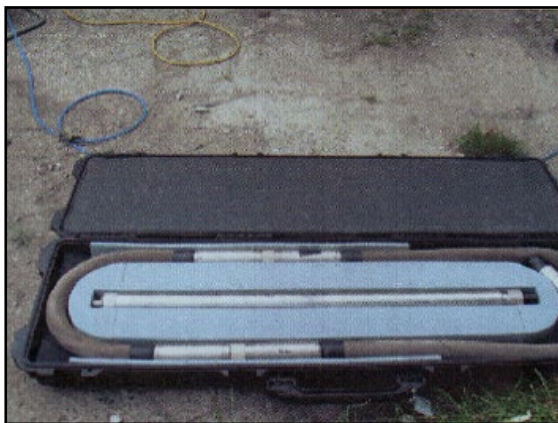
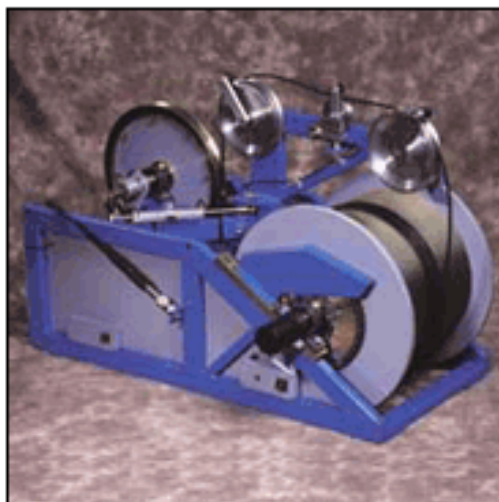


Figure 6.3 Robertson Geologging Winch



6.3 Summary of PS Logging Operations

In operation the seismic source in the sonde is activated to produce a sequence of seismic pulses which excite ‘flexural’ waves. Depending on the direction of impulse the seismic waves which are generated travel at the P- and S-wave velocities of the formation and are detected by the seismic receivers which are 1 m apart. The difference in arrival time at the lower and upper receivers can be measured from the displayed waveforms and the seismic velocities can then be calculated.

It is necessary for the operator to control the system settings to ensure that the data recorded are of sufficient quality for the arrival time measurements to be carried out. Measurements were made from the bottom up at 1m intervals. The scope of work originally stated testing was to be performed from the base of the borehole to mudline but due to the conditions of the borehole this was not obtainable, and a more pragmatic approach was performed.

From the resulting wave formation plots, the first arrival times from both the compression (P) and shear (S) wave velocities are picked. The seismic velocities are then determined and used along with other geotechnical data such as densities to aide in characterisation of the basic material properties and determination of G_0 .

6.4 PS Logging Results

The scheduled start depth and end depth for each borehole varied depending on client requirements and the integrity of the borehole walls in each location. From the borehole log it was decided that the logging would be carried out in stages with the drill pipe moved up/removed in 5-10m intervals to reduce the chance of borehole collapse. [Table 6.1](#) provides a summary of the depths the data was collected.

Table 6.1 – PS Logging Acquisition Stages

Borehole Number	Depth	Comments
CB11a-BH	53.00-4.00	Test completed with a total of 8 runs
OSS2-BH	65.00-4.00	Test completed with a total of 12 runs and a data gap between 29.00 and 24.00 metres due to borehole collapse
CB6-BH	52.00-4.00	Test completed with a total of 10 runs
CB7-BH	52.00-4.00	Test completed with a total of 11 runs
CB14-BH	56.00-47.00	Test completed with a total of 1 run and a data gap between 47.00m and mudline due to borehole collapse

Due to the unstable nature of the upper unconsolidated sediments the extent of PS logging data collected varied with each borehole due to the borehole collapsing or stopping below an area where it was judged to be at high risk of collapse e.g. sand and low strength sediments.

Both P and S wave velocities were picked and represented on a log. In some instances, it was very difficult to pick good shear wave signals. This is often the case as the PS logger nears the seabed as loss of shear waves is expected as the surface is approached; Too much noise and vibration cause the shear waves to become drowned out, as well as the degradation of the borehole caused by drilling operations becomes more pronounced closer to mudline. The data quality was also affected by the amount of time the borehole was left open during drilling operations, as the stability of the borehole walls naturally degrades over time. PS logging results are presented in [APPENDIX 6](#).

7 Dissipation Tests

7.1 General

Dissipation testing is an *in situ* test using a CPTU that measures the rate of pore pressure change and provides important information of a soil's permeability and excess pore water pressure dissipation behaviour for slope stability and liquefaction studies.

7.2 Summary of Dissipation Testing Operations

Dissipation tests can be carried out by stopping the cone at a selected depth within a normal CPTU stroke. As the cone is pushed into saturated sediments, it creates a localized increase in pore pressure near the tip of the cone termed as excess pore pressure. When the cone is stopped and held stationary, the time it takes for the pore pressure to reach equilibrium (or hydrostatic) pore pressure is measured.

Dissipation tests are normally conducted for fine cohesive sediments where the change in pore pressures are significantly pronounced compared to cohesionless sediments where the dissipation rate is fast. The majority of tests undertaken indicate mainly clay sediments where dissipation was slow, however there were a few tests undertaken in sand sediments where dissipation was rapid.

Some of the dissipation tests in fine-grained soils show an asymptote towards a pore pressure that is significantly different to the hydrostatic pore pressure. It is likely that these tests are showing a dilatory response. The higher the dilation, the lower the initial pore pressure, and over time this will rise up before eventually returning to ambient due to the localised dissipation/redistribution of pore pressure occurring. A risk with dissipation tests that have a dilatory response is that the pore pressure sensor may not be fully saturated at the start of the test. If these tests were left running for a significantly longer time, we would expect the pore pressure to eventually return to ambient.

7.3 Dissipation Data Collection Operations

Table 7.1 below summarises the boreholes and depths dissipation tests were conducted. Dissipation plots are presented in APPENDIX 7.

Table 7.1 – Dissipation Acquisition Depths

Location	Depth (m)	Comments
CB6-BH	40.62	Test carried out during CPT02
CB7-BH	37.54	Test carried out during CPT01
CB8-BH	15.36	Test carried out during CPT01
CB9-BH	52.74	Test carried out during CPT04
CB10a-BH	31.22	Test carried out during CPT01
CB11-BH	32.68	Test carried out during CPT04
CB12-BH	42.98	Test carried out during CPT03
CB13-BH	37.26	Test carried out during CPT03
CB14-BH	20.96	Test carried out during CPT01

Location	Depth (m)	Comments
OSS1-BH	70.06	Test carried out during CPT07
OSS2-BH	14.26	Test carried out during CPT01
CB3a	3.50	Seabed CPTU
CB7a	20.00	Seabed CPTU
CB9	39.10	Seabed CPTU
CB12	34.83	Seabed CPTU
CPT15	3.19	Seabed CPTU
CPT16	17.50	Seabed CPTU
CPT16	29.48	Seabed CPTU
CPT16a	33.45	Seabed CPTU
CPT23	40.89	Seabed CPTU
CPT26	37.44	Seabed CPTU
SCPT2	26.53	Seabed SCPTU
SCPT17	18.74	Seabed SCPTU

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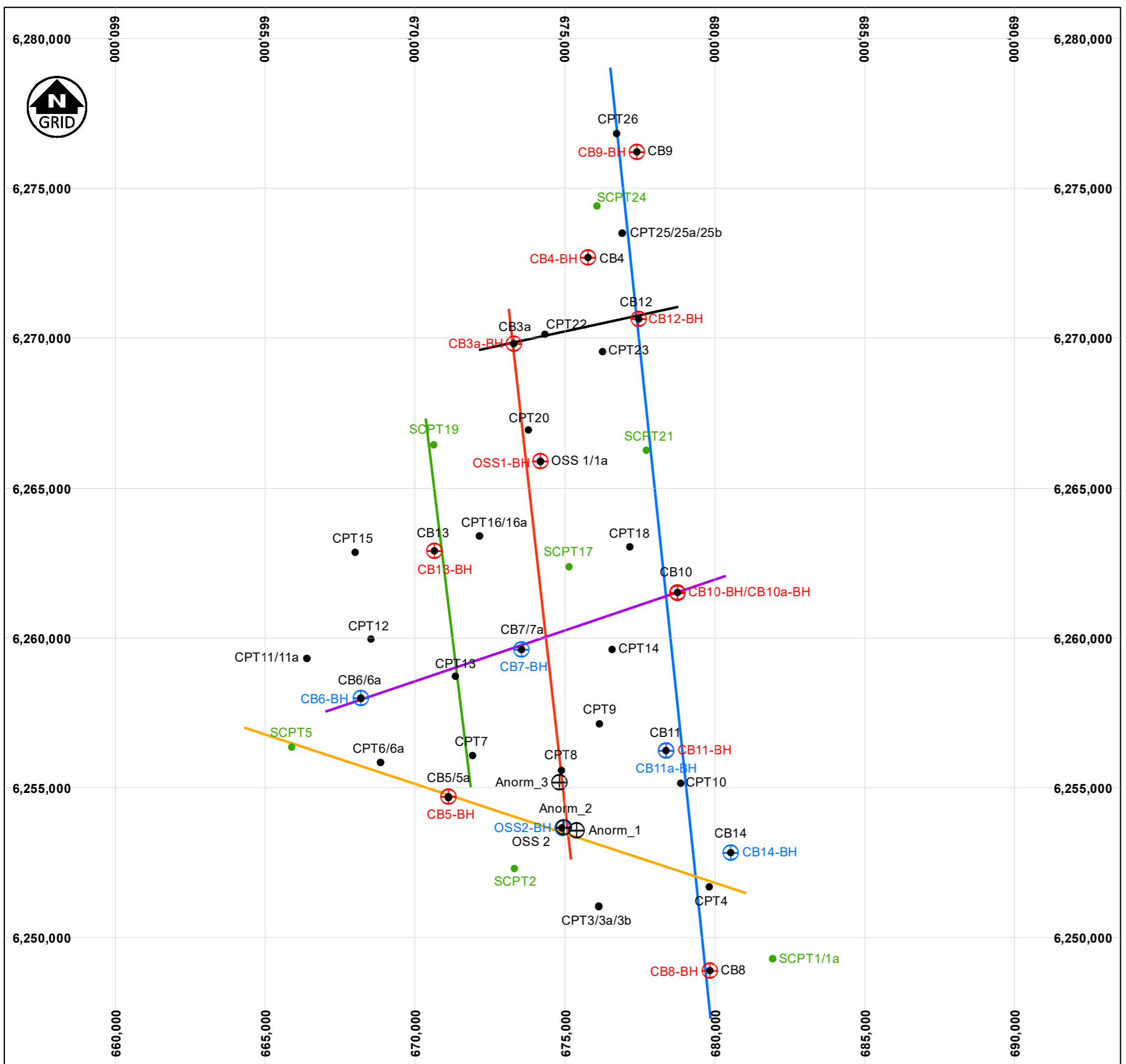
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APPENDIX 1- LOCATIONS

1.1 Location Map

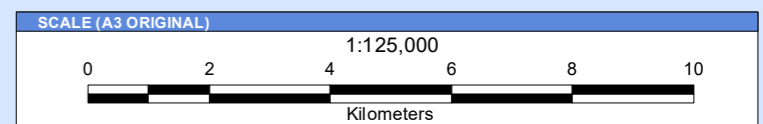
1.2 Location Summary

1.1 Location Map



LEGEND	
Geotechnical Locations	Cross Sections
● 200kN Seabed CPT	— CS 1
● 200kN Seabed SCPT	— CS 2
⊕ Borehole (Hybrid) + PS Logging	— CS 3
⊕ Borehole (Hybrid)	— CS 4
⊕ Borehole (Sampling)	— CS 5
	— CS 6

GEODETTIC REFERENCE SYSTEM	
Datum	ETRS89
Ellipsoid	GRS80
Projection	UTM Zone 32N



TITLE

CONTRACTOR

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 ENDEAVOUR HOUSE, ADMIRALTY ROAD, GREAT YARMOUTH, NORFOLK NR30 3NG, ENGLAND
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CLIENT

PROJECT TITLE

Preliminary Investigation Hesselø OWF

DRAWING TITLE

GEOTECHNICAL LOCATION MAP

REV	JOB NUMBER	ISSUE DATE	STATUS
0	11596	10/06/2021	Draft for comment
1	11596	18/10/2021	Cross Section lines added

1.2 Location Summary

Borehole	Easting (m)	Northing (m)	Water Depth (m)	Final Depth (m)	Date of Test	Comments
Anorm_1	675388.0	6253585.8	30.7	10.85	05/06/2021	Borehole Anorm_1 was completed to a depth of 10.85m utilising API drilling & Wison push sampling methods
Anorm_2	674960.6	6253696.4	30.4	10.85	05/06/2021	Borehole Anorm_2 was completed to a depth of 10.85m utilising API drilling & Wison push sampling methods
Anorm_3	674814.0	6255189.3	30.4	10.47	05/06/2021	Borehole Anorm_3 was completed to a depth of 10.47m utilising API drilling & Wison push sampling methods
CB3a-BH	673292.3	6269812.0	31.9	70.30	15/05/2021 - 16/05/2021	Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wison CPT and push sampling methods
CB4-BH	675777.1	6272690.2	31.1	70.80	16/05/2021 - 18/05/2021	Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wison CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.
CB5-BH	671117.7	6254702.0	27.2	64.70	09/05/2021 - 11/05/2021	Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wison CPT and push sampling methods.
CB6-BH	668193.1	6258003.5	26.7	56.70	27/05/2021 - 29/05/2021	Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.
CB7-BH	673537.8	6259626.9	31.0	64.32	29/05/2021 - 30/05/2021	Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.
CB8-BH	679824.2	6248913.9	31.3	70.10	18/05/2021 - 20/05/2021	Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wison CPT and push sampling methods.
CB9-BH	677391.0	6276213.6	30.9	70.50	03/06/2021 - 04/06/2021	Borehole CB12-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods
CB10-BH	678759.8	6261509.5	33.0	29.70	31/05/2021	Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wison CPT and push sampling methods. Drillers note - the borehole was terminated due to a hard layer/boulder being encountered and drilling could not proceed.
CB10a-BH	678755.5	6261514.2	33.1	70.25	05/06/2021 - 06/06/2021	Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wison CPT and push sampling methods.

BOREHOLE LOCATION SUMMARY
ETRS89 UTM 32N

Borehole	Easting (m)	Northing (m)	Water Depth (m)	Final Depth (m)	Date of Test	Comments
CB11-BH	678372.1	6256261.3	31.5	53.12	22/05/2021 - 23/05/2021	Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wison CPT and push sampling methods- at which point it was terminated due to rising weather conditions.
CB11a-BH	678366.7	6256257.1	31.5	57.00	24/05/2021	Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling- Wison CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.
CB12-BH	677450.4	6270639.0	31.9	70.00	02/06/2021 - 03/06/2021	Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wison CPT and push sampling methods
CB13-BH	670639.2	6262915.3	29.9	66.50	12/05/2021 - 14/05/2021	Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods
CB14-BH	680529.7	6252848.4	31.6	62.35	20/05/2021 - 21/05/2021	Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.
OSS1-BH	674181.3	6265901.1	31.7	70.20	31/05/2021 - 02/06/2021	Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.
OSS2-BH	674911.0	6253674.2	30.0	70.20	25/05/2021 - 27/05/2021	Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.

BOREHOLE LOCATION SUMMARY
ETRS89 UTM 32N

CPTU	Easting (m)	Northing (m)	Water Depth (m)	Penetration (m)	Date of Test	Comments
CB3a	673294.0	6269807.2	31.8	58.00	01/05/2021	Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods
CB4	675775.7	6272685.7	30.9	35.73	01/05/2021	Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material
CB5	671118.2	6254697.4	27.4	5.46	28/04/2021	Cone class 3. Continuous seabed CPT. Final depth 5.46m. Test terminated at operators discretion due to high increase in sleeve friction and sudden increase in tip resistance- poor lateral rod support in first 2m
CB5a	671118.6	6254692.2	27.4	37.28	28/04/2021	Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test
CB6	668194.0	6257998.4	26.7	6.10	29/04/2021	Cone class 1. Continuous seabed CPT. Final depth 6.10m. Test terminated at operators discretion due to sudden increase in inclination and tip resistance
CB6a	668194.3	6257993.1	26.8	36.08	29/04/2021	Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)
CB7	673538.0	6259621.3	31.0	20.89	29/04/2021	Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone
CB7a	673538.5	6259616.4	31.1	31.03	29/04/2021	Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal
CB8	679824.3	6248908.7	30.7	24.61	27/04/2021	Cone Class1. Continuous seabed CPT. Final depth 24.61m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.
CB9	677390.6	6276209.1	30.9	41.67	02/05/2021	Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre
CB10	678760.1	6261514.8	32.0	28.90	26/04/2021	Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline
CB11	678372.4	6256256.9	31.4	22.14	26/04/2021	Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination
CB12	677450.3	6270633.5	31.8	34.82	01/05/2021	Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend
CB13	670639.5	6262910.5	30.0	33.83	30/04/2021	Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend
CB14	680529.9	6252844.1	31.6	22.79	27/04/2021	Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination
CPT3	676134.1	6251059.5	30.1	7.68	27/04/2021	Cone class 2. Continuous seabed CPT. Final depth 7.68m. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance
CPT3a	676134.2	6251054.3	30.2	3.76	27/04/2021	Cone class 4. Bumpover location. Deck to deck offset readings are shared between 3a and 3b. Continuous seabed CPT. Final depth 3.55m. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance
CPT3b	676133.7	6251066.7	30.2	2.06	27/04/2021	Cone class 2. Continuous seabed CPT. Bumpover location. Final depth 1.96m. Deck to deck offsets are taken at a 5m reference level above seabed. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance
CPT4	679806.4	6251702.4	31.2	32.39	27/04/2021	Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment
CPT6	668836.6	6255857.7	27.0	6.02	29/04/2021	Cone class 2. Continuous seabed CPT. Final depth 6.06m. Test terminated at operators discretion due to sudden increase in sleeve friction and tip resistance
CPT6a	668836.9	6255852.5	26.9	36.80	29/04/2021	Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load- tip resistance and lack of lateral rod support
CPT7	671921.2	6256092.0	29.2	36.67	29/04/2021	Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance- high total load and near maximum cone inclination of 11.59 degrees

CPTU LOCATION SUMMARY

ETRS89 UTM 32N

CPTU	Easting (m)	Northing (m)	Water Depth (m)	Penetration (m)	Date of Test	Comments
CPT8	674879.5	6255586.4	30.6	20.81	27/04/2021	Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline~ resulting in a high risk of buckling rods when encountering very dense sands.
CPT9	676157.0	6257143.6	31.5	32.20	26/04/2021	Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination~ SBF inclination and increasing total load.
CPT10	678861.0	6255157.8	31.6	37.29	26/04/2021	Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force~ increasing cone inclination and a lack of lateral rod support from mudline
CPT11	666385.9	6259321.6	28.8	3.97	29/04/2021	Cone class 1. Continuous seabed CPT. Final depth 3.97m. Test terminated due to a maximum sleeve friction refusal.
CPT11a	666386.2	6259316.5	28.7	43.50	29/04/2021	Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination~ total load and risk of rod bend
CPT12	668527.9	6259970.0	26.1	39.25	29/04/2021	Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination~ total load and risk of rod bend
CPT13	671351.3	6258725.4	29.3	35.43	30/04/2021	Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.
CPT14	676578.2	6259609.0	32.3	27.58	26/04/2021	Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination
CPT15	668001.6	6262849.6	29.0	48.84	30/04/2021	Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal
CPT16	672157.8	6263407.0	30.9	29.42	30/04/2021	Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.
CPT16a	672157.0	6263401.9	30.7	33.34	08/05/2021	Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load~ lack of lateral rod support near mudline and total cone inclination reaching near critical
CPT18	677169.5	6263055.4	32.3	37.74	25/04/2021	Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline
CPT20	673775.6	6266929.1	31.5	49.67	25/04/2021	Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load
CPT22	674320.0	6270140.2	31.4	44.54	30/04/2021	Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees~ risk of rod bend and buckling rods
CPT23	676253.1	6269555.3	31.6	40.84	01/05/2021	Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend
CPT25	676906.0	6273504.9	31.6	30.31	01/05/2021	Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software
CPT25a	676906.4	6273499.9	31.6	30.11	01/05/2021	Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software
CPT25b	676906.0	6273510.1	31.6	30.86	02/05/2021	Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline
CPT26	676724.1	6276824.7	30.9	37.33	02/05/2021	Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load
OSS 1	674182.0	6265896.3	31.6	47.95	25/04/2021	OSS1 was completed to a depth of 47.95m~ at which point it was terminated due to loss of communication with the cone. Cone class 4
OSS 1a	674182.4	6265890.9	31.6	18.70	25/04/2021	Cone class 1. Test terminated at operators discretion due to increasing cone inclination. Final depth 18.70m
OSS 2	674909.6	6253669.9	30.0	15.77	27/04/2021	Cone class 1. Continuous seabed CPT. Final depth 15.84m. Test terminated at operators discretion due to a lack of lateral rod support from mudline~ resulting in a high risk of buckling rods when encountering very dense sands

CPTU LOCATION SUMMARY

ETRS89 UTM 32N

CPTU	Easting (m)	Northing (m)	Water Depth (m)	Penetration (m)	Date of Test	Comments
SCPT1	681923.1	6249312.9	31.2	2.64	28/04/2021	Cone Class 1. Continuous Seismic CPT. Final depth 2.64m. Test was terminated due to seismic source communication issue.
SCPT1a	681923.4	6249306.6	31.7	37.53	05/05/2021	Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support
SCPT2	673302.0	6252306.8	28.8	26.26	04/05/2021	Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.
SCPT5	665881.4	6256363.1	27.7	29.61	06/05/2021	Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline
SCPT17	675126.2	6262391.1	31.8	18.70	07/05/2021	Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre
SCPT19	670633.3	6266454.1	30.8	21.92	07/05/2021	Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached
SCPT21	677715.3	6266260.7	32.5	31.68	03/05/2021	Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.
SCPT24	676059.4	6274402.9	31.2	32.93	03/05/2021	Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.

CPTU LOCATION SUMMARY
ETRS89 UTM 32N

APPENDIX 2– LOGS

2.1 Legend

2.2 Borehole Logs

2.3 Seabed CPTU Logs

2.4 Seabed SCPTU Logs

2.5 Downhole and Seabed Combined Logs

2.6 Geological Cross Section Logs

2.1 Legend

LEGENDS

Cores - CPT - Photographs

Soil Identification Symbology

CLAY	SAND	COBBLES	PEAT	VOID
SILT	GRAVEL	CHALK	Mixed Soil	

Key to Symbols

Onshore Lab Testing Symbols			Offshore Lab Testing Symbols	
■ Liquid Limit	○ Moisture Content	* Hand Vane	● Moisture Content	★ Hand Vane
□ Plastic Limit	⊙ Bulk Density	* Hand Vane (Remoulded)	● Bulk Density	☆ Hand Vane (Remoulded)
▩ CAUC	⊙ Dry Density	◆ Fall Cone	○ Dry Density	▼ Fall Cone
▩ CAUE	+ Torvane	◇ Fall Cone (Remoulded)	+ Torvane	▽ Fall Cone (Remoulded)
■ CIDC	× Lab Vane	▩ UUT	⊗ Lab Vane	▩ UUT
□ CIDE	× Lab Vane (Remoulded)	▩ UUT (Remoulded)	● Lab Vane (Remoulded)	▩ UUT (Remoulded)
▩ CIUC	● Pocket Penetrometer	● Unit Weight (Density)	○ Pocket Penetrometer	● Unit Weight (Density)
▩ CIUE	■ p'0 (Oedometer)	○ Unit Weight (Moisture Content)	■ Oedometer p1 Janbu Method	● Unit Weight (Moisture Content)
▩ DSS	▩ p'1 (Casagrande)			

Strength of Soils

	<u>Coarse Grained Soils</u>		<u>Fine Grained Soils</u>			
Relative Density Values (%)	0 - 15	Very Loose	Shear Strength Values (kPa)	0 - 10	Extremely Low	Density of Intact Core (length used for measurement)
	15 - 35	Loose		10 - 20	Very Low	
	35 - 65	Medium Dense		20 - 40	Low	
	65 - 85	Dense		40 - 75	Medium	
	85 - 100	Very Dense		75 - 150	High	
			150 - 300	Very High		
			> 300	Extremely High		

As of BS ISO-14688-1&2: 2018

Abbreviations Used

AL : Atterberg Limits	ANG : Angularity	LV : Laboratory Vane
W_L : Liquid Limit	n : Porosity	CPT : Cone Penetration Test
W_p : Plastic Limit	e : Void Ratio	q_c : Cone End Resistance
I_p : Plasticity Index	CaCO₃ : Calcium Carbonate	f_s : Local Side Friction
I_L : Liquidity Index	ER : Electrical Resistivity	U₂ : Pore Pressure (behind Tip)
NP : Non Plastic	TC : Thermal Conductivity	NMC : Natural Moisture Content
PSD : Particle Size Distribution	UW : Unit Weight	UUT : Undrained Unconsolidated Triaxial
P_d : Particle Density (formulae)	GC : Gravity Core	UUT(rem) : Undrained Unconsolidated Triaxial (remoulded)
PD : Particle Density (core log)	FC : Fall Cone	CAUC : Consolidated Anisotropic Undrained Compression
MAX/MIN : Maximum/Minimum Density	PC : Piston Core	CAUE : Consolidated Anisotropic Undrained Extension
<425 um : % Sediment passing through sieve	VC : Vibrocore	CIUC : Consolidated Isotropic Undrained Compression
MPa : MegaPascal	SBOX : Shear Box Test	CIDC : Consolidated Isotropic Drained Compression
kPa : KiloPascal	OED : Oedometer	DSS : Direct Simple Shear

Formulae Used (Moisture Content)

Plasticity Index: $I_p = W_L - W_p$	Saturated Density = water density x $[(P_d + e) / (1+e)]$
Liquidity Index: $(NMC - W_p) / I_p$	<425 um = % sediment passing through 425 um sieve
Activity = $I_p / (\% \text{ clay-size fraction by weight})$	Saturated Moisture Content: $SMC = (e \times 100) / P_d$

















Core Photography



LEGENDS

Cores - CPT - Photographs

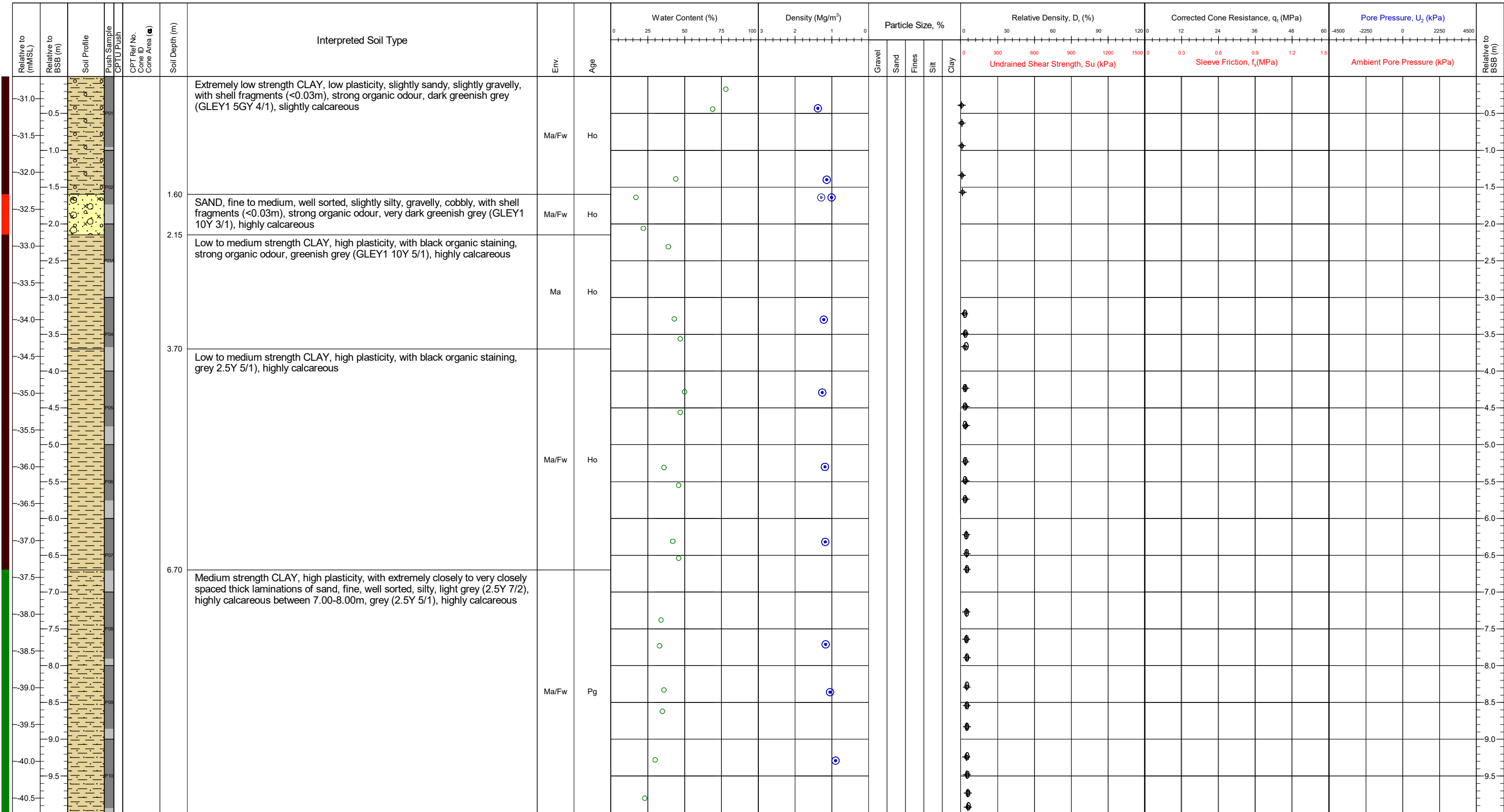
Engineering Units

	UNIT	DESCRIPTION
	GC1	Glacial Deposit, Glacial
	GC2	Glacial/Meltwater Deposit, Glacial
	GC3	Glacial/Marine Deposit, Glacial
	H1	Marine Deposit, Holocene
	H2	Marine/Freshwater Deposit, Holocene
	LG/GC1	Glacial/Marine Deposit, Late Glacial/Glacial
	LG/GC2	Marine/Freshwater Deposit, Late Glacial/Glacial
	LG1	Glacial Deposit, Late Glacial
	LG2	Glacial/Marine Deposit, Late Glacial
	LG3	Marine/Meltwater Deposit, Late Glacial
	LG4	Marine Deposit, Late Glacial
	LG5	Marine/Freshwater Deposit, Late Glacial
	PG/LG	Marine/Freshwater Deposit, Post Glacial/Late
	PG1	Glacial
	PG2	Marine Deposit, Post Glacial
	PQ	Marine/Freshwater Deposit, Post Glacial Marine Deposit, Cretaceous

2.2 Borehole Logs

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: kN/m³ K _s -
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	675388.0E 6253585.8N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole Anorm_1 was completed to a depth of 10.85m utilising API drilling & Wilson push sampling methods	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.7					
Vessel	MV Ocean Vantage	Date of Test	05/06/2021		JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method		Final Borehole Depth	10.85m					Page: 1/2



Preliminary Investigation, Hesselø OWF

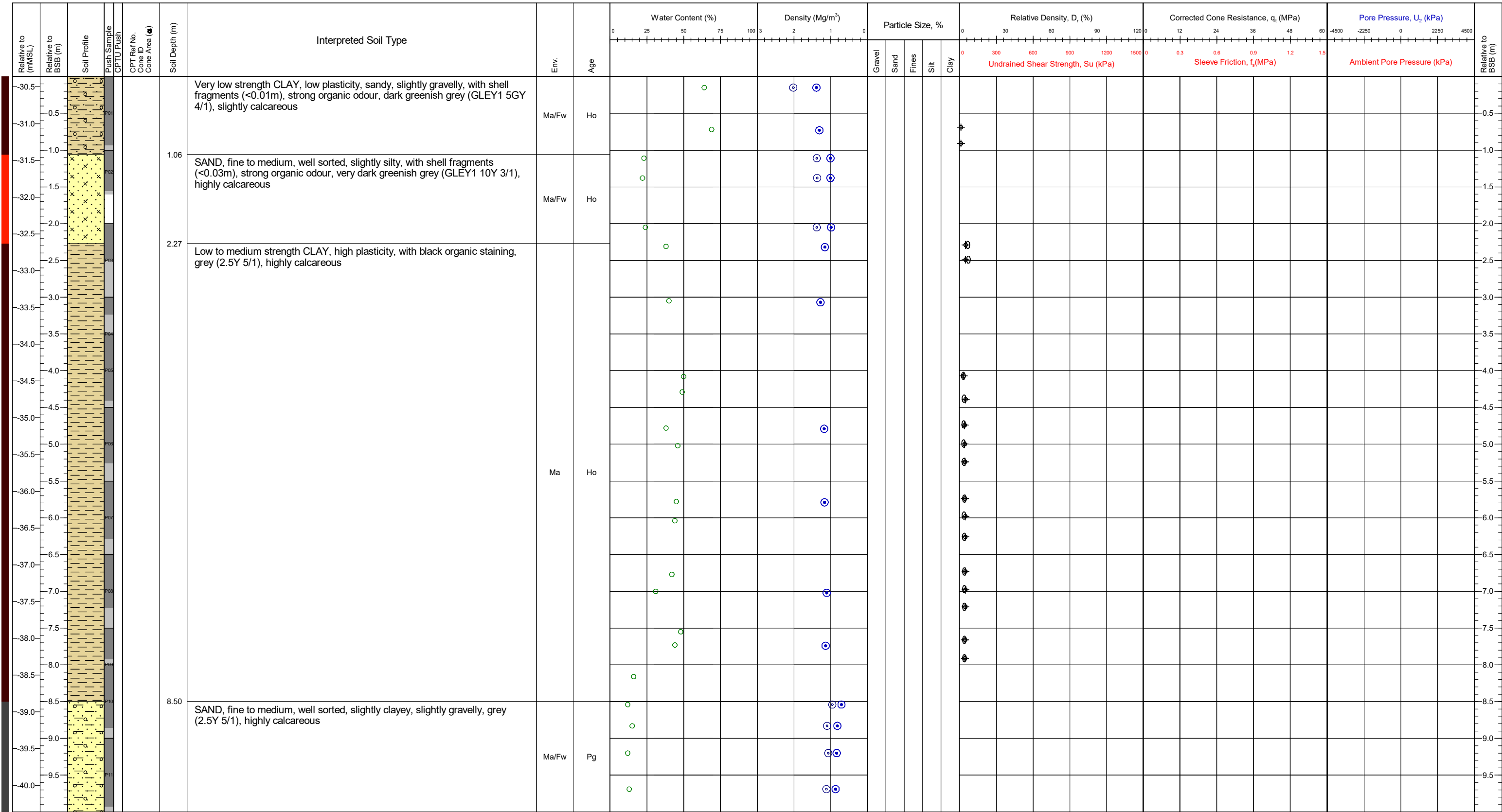
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Push Sample CPTU Push	CPT Ref No. Cone ID Cone Area (m²)	Soil Depth (m)	Interpreted Soil Type	Env.	Age	Water Content (%)					Density (Mg/m³)					Particle Size, %					Relative Density, D _r (%)					Corrected Cone Resistance, q _t (MPa)					Pore Pressure, U _z (kPa)					
									0 25 50 75 100 3					2 1 0					Gravel	Sand	Fines	Silt	Clay	0 30 60 90 120 150 180					0 12 24 36 48 60					-4500 -2250 0 2250 4500					
									Undrained Shear Strength, S _u (kPa)					Sleeve Friction, f _s (MPa)					Ambient Pore Pressure (kPa)																				
-41.0	10.5				10.00	Medium strength CLAY, high plasticity, sandy, gravelly, dark grey (2.5Y 4/1), highly calcareous	Ma/Fw	Pg																															
-41.5						End of borehole at 10.85m																																	

KEY TO SOIL PROFILE						Area			Coordinates			QC Status			Location Name	
	SILT		CLAY		SAND	Kattegat Sea			675388.0E 6253585.8N			Preliminary Draft Final			Anorm_1	
	GRAVEL		COBBLES		CHALK	11596			Latitude / Longitude			Preliminary Draft Final				
	PEAT		Mixed Soil			Energinet Eltransmission A/S / 384_20_ENE			Water Depth (mMSL) -30.7			Comments: Borehole Anorm_1 was completed to a depth of 10.85m utilising API drilling & Wilson push sampling methods				
						MV Ocean Vantage			Date of Test 05/06/2021			JK/BC (05/06/2021) DR (10/06/2021) SMC (10/11/2021)				
						Method			Final Borehole Depth 10.85m							

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

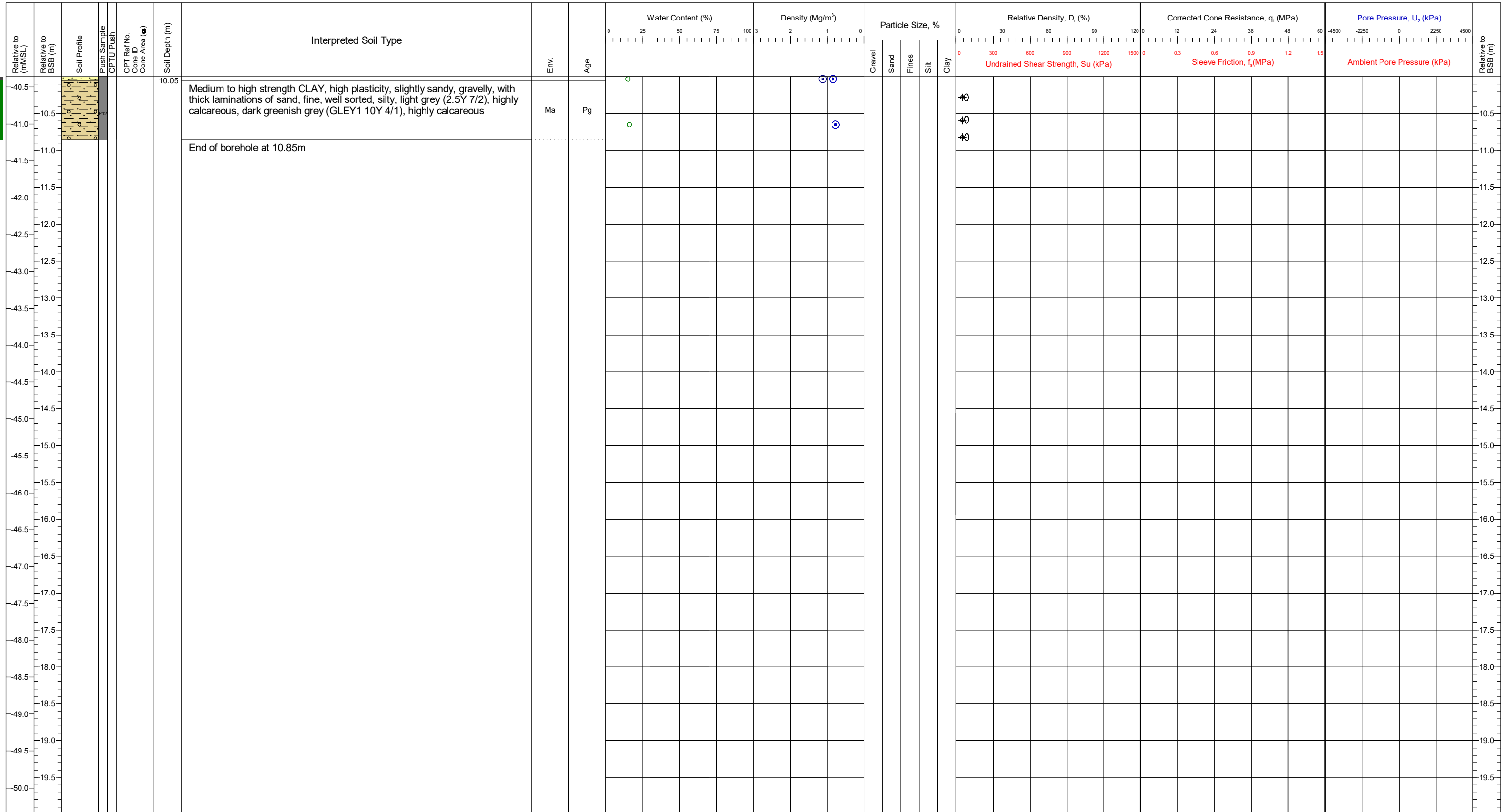
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: kN/m³

Area	Kattegat Sea	Coordinates	674960.6E 6253696.4N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole Anorm_2 was completed to a depth of 10.85m utilising API drilling & Wilson push sampling methods	Preliminary	Draft	Final	Anorm_2
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.4		JK/BC (05/06/2021)	DR (10/06/2021)	SMC (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test	05/06/2021					Page: 1/2
Method		Final Borehole Depth	10.85m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

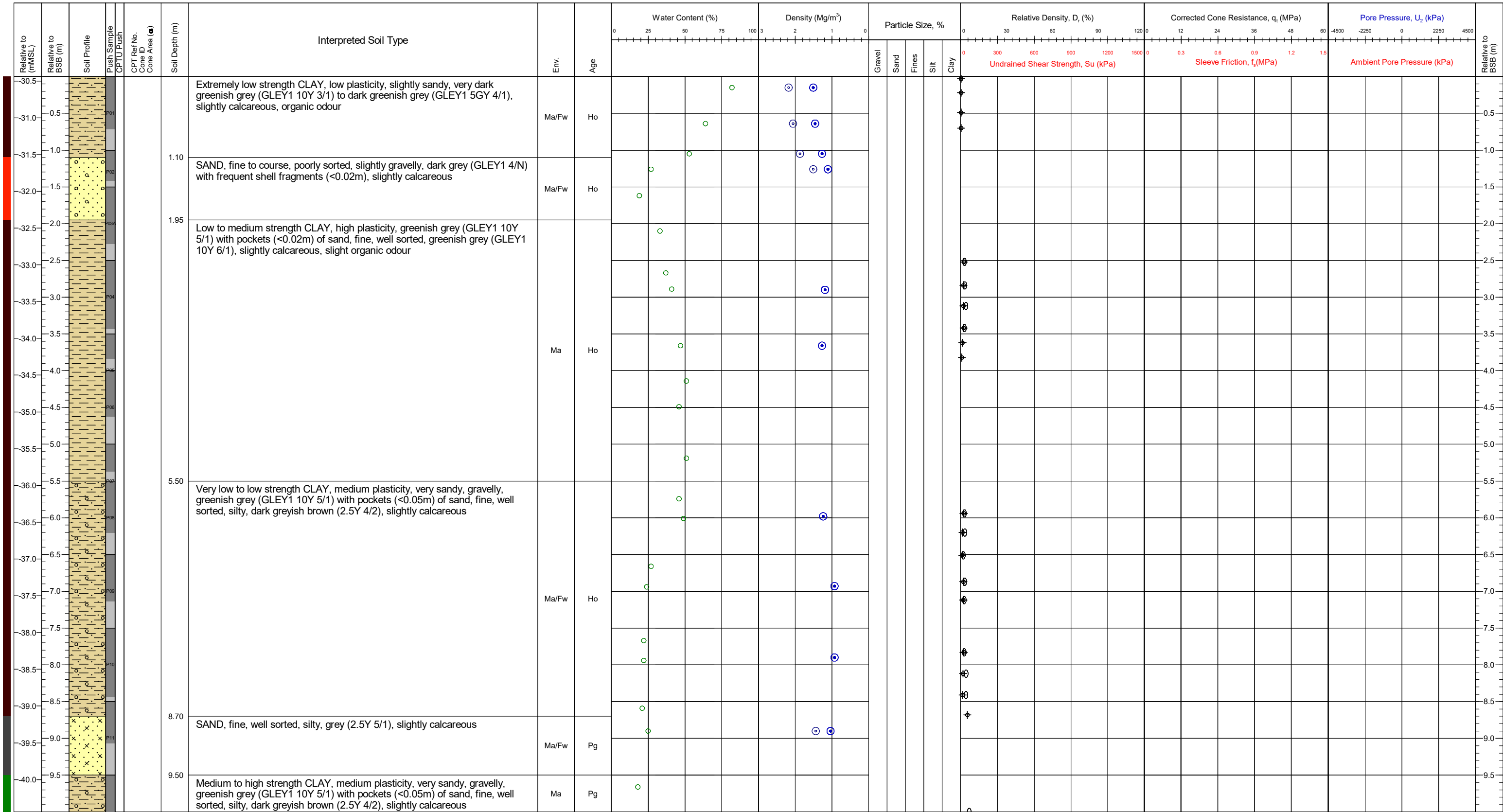
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: kN/m³

Area	Kattegat Sea	Coordinates	674960.6E 6253696.4N	CRS: ETRS89	QC Status <table border="1" style="font-size: 8px;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC (05/06/2021)</td> <td>DR (10/06/2021)</td> <td>SMc (10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	Location Name Anorm_2
Preliminary	Draft	Final										
JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)										
Contract	11596	Latitude / Longitude		Comments: Borehole Anorm_2 was completed to a depth of 10.85m utilising API drilling & Wilson push sampling methods								
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.4									
Vessel	MV Ocean Vantage	Date of Test	05/06/2021									
Method		Final Borehole Depth	10.85m									

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: kN/m ³ K _s =
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	674814.0E 6255189.3N	CRS: ETRS89	QC Status			Location Name Anorm_3
Contract	11596	Latitude / Longitude		Comments: Borehole Anorm_3 was completed to a depth of 10.47m utilising API drilling & Wilson push sampling methods	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.4		JK/BC (04/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test	05/06/2021		Page: 1/2			
Method		Final Borehole Depth	10.47m					

Preliminary Investigation, Hesselø OWF

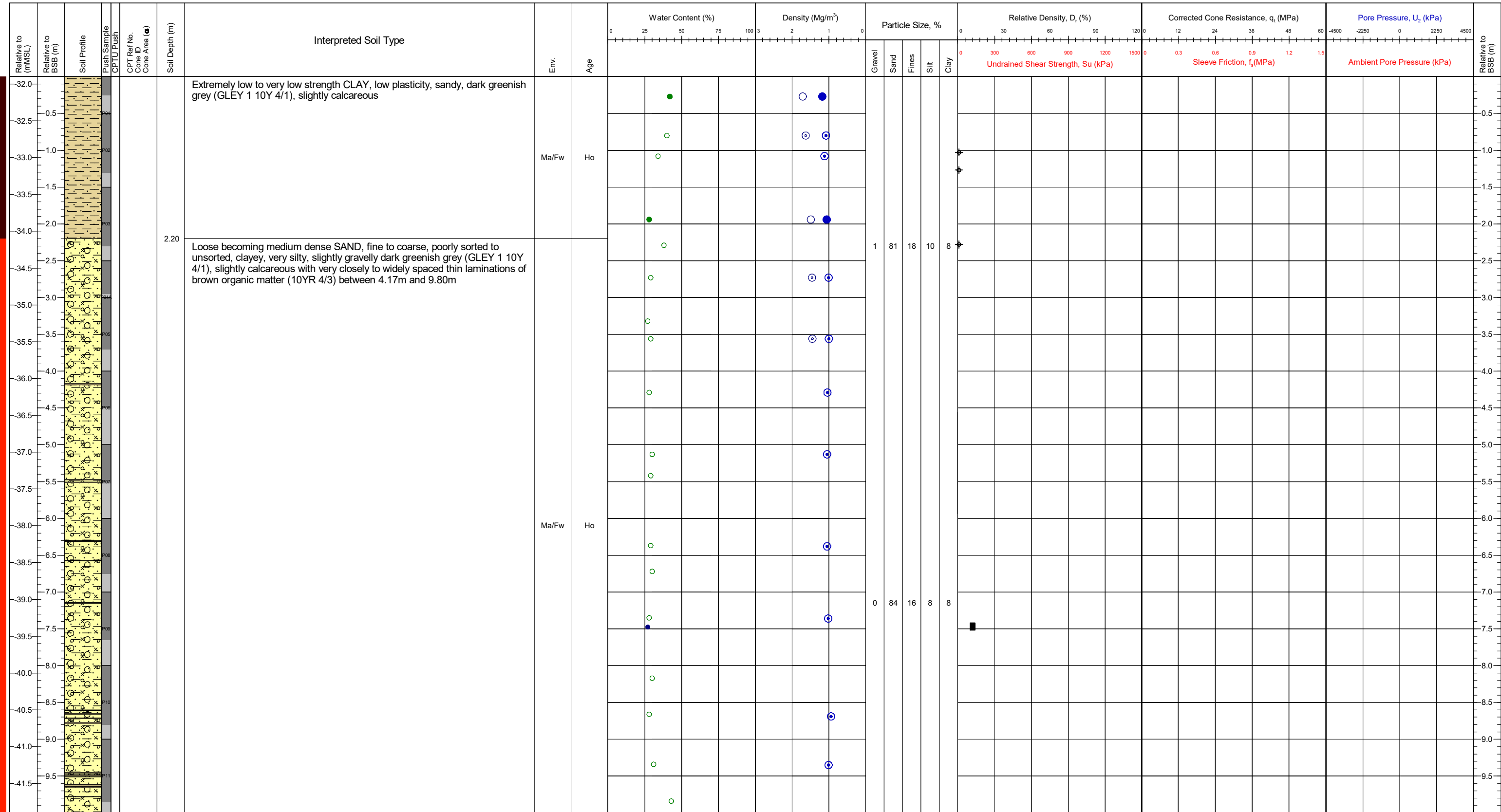
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Push Sample CPTU Push	CPT Ref No., Cone ID, Cone Area (cm²)	Soil Depth (m)	Interpreted Soil Type	Env.	Age	Water Content (%)					Density (Mg/m³)					Particle Size, %					Relative Density, D _r (%)					Corrected Cone Resistance, q _t (MPa)					Pore Pressure, U _v (kPa)					Relative to BSB (m)
									0 25 50 75 100 3					2 1 0					Gravel	Sand	Fines	Silt	Clay	0 30 60 90 120					0 12 24 36 48 60					-4500 -2250 0 2250 4500					
-40.5	-10.5						Ma	Pg	0 25 50 75 100 3					2 1 0					Gravel	Sand	Fines	Silt	Clay	0 30 60 90 120					0 12 24 36 48 60					-4500 -2250 0 2250 4500					-10.5
-41.0	-10.5					End of borehole at 10.47m																												-10.5					
-41.5	-11.0																																	-11.0					
-42.0	-11.5																																	-11.5					
-42.5	-12.0																																	-12.0					
-43.0	-12.5																																	-12.5					
-43.5	-13.0																																	-13.0					
-44.0	-13.5																																	-13.5					
-44.5	-14.0																																	-14.0					
-45.0	-14.5																																	-14.5					
-45.5	-15.0																																	-15.0					
-46.0	-15.5																																	-15.5					
-46.5	-16.0																																	-16.0					
-47.0	-16.5																																	-16.5					
-47.5	-17.0																																	-17.0					
-48.0	-17.5																																	-17.5					
-48.5	-18.0																																	-18.0					
-49.0	-18.5																																	-18.5					
-49.5	-19.0																																	-19.0					
-50.0	-19.5																																	-19.5					

KEY TO SOIL PROFILE						Project Information											
	SILT		CLAY			Area	Kattegat Sea		Coordinates	674814.0E	6255189.3N	CRS: ETRS89	QC Status			Location Name	
	SAND		GRAVEL		COBBLES	Contract	11596	Latitude / Longitude				Preliminary	Draft	Final	Anorm_3		
	CHALK		PEAT		Mixed Soil	Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.4			Comments: Borehole Anorm_3 was completed to a depth of 10.47m utilising API drilling & Wilson push sampling methods					
						Vessel	MV Ocean Vantage	Date of Test	05/06/2021		JK/BC						
						Method		Final Borehole Depth	10.47m		(04/06/2021)	(10/06/2021)	(10/11/2021)				
																Page: 2/2	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

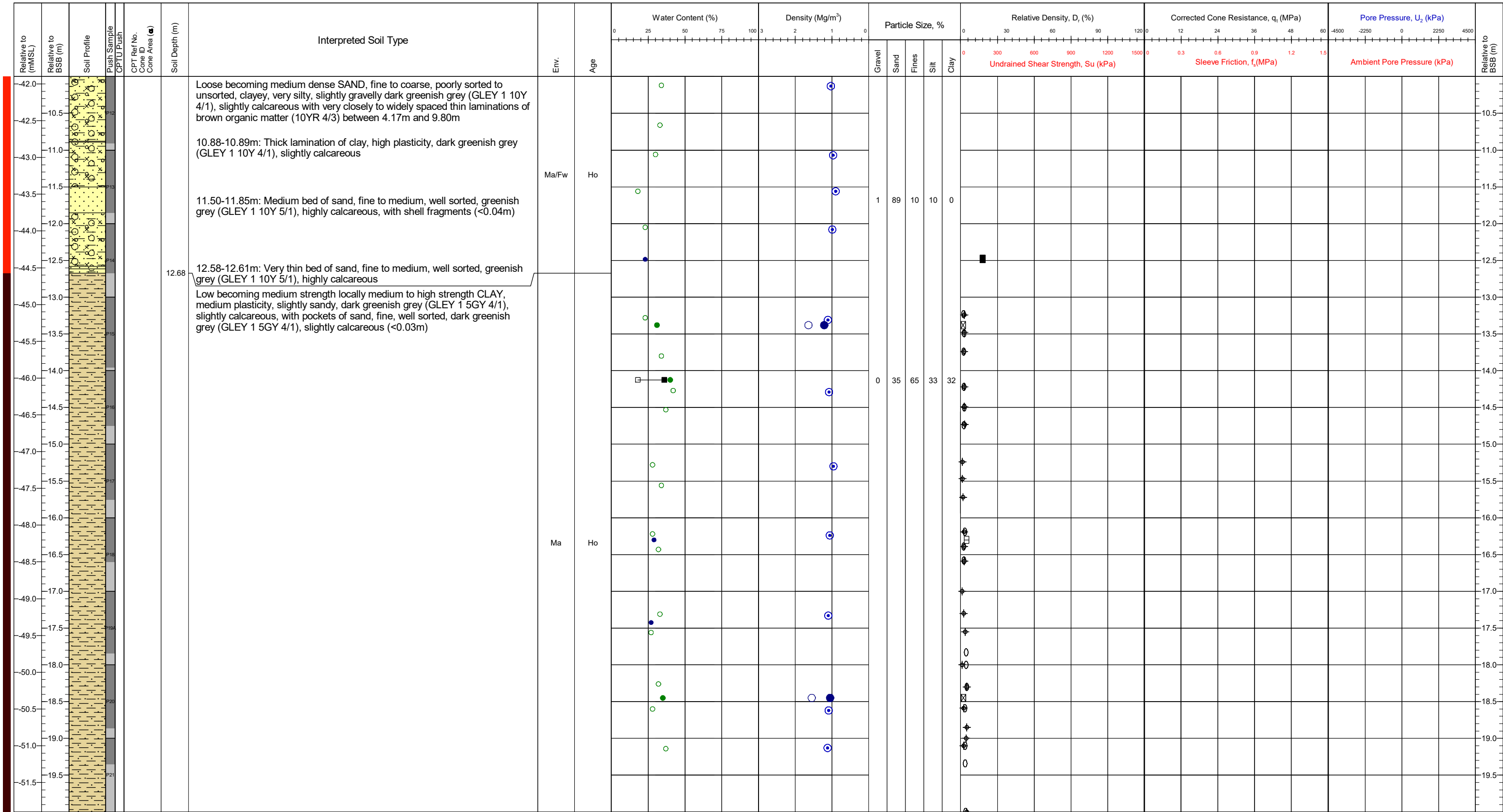
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673292.3E 6269812.0N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (16/05/2021) DR (10/06/2021) SMC (10/11/2021)	Location Name CB3a-BH
Contract	11596	Latitude / Longitude	Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wison CPT and push sampling methods			
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	15/05/2021 - 16/05/2021			
Method	Wison	Final Borehole Depth	70.30m			Page: 1/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

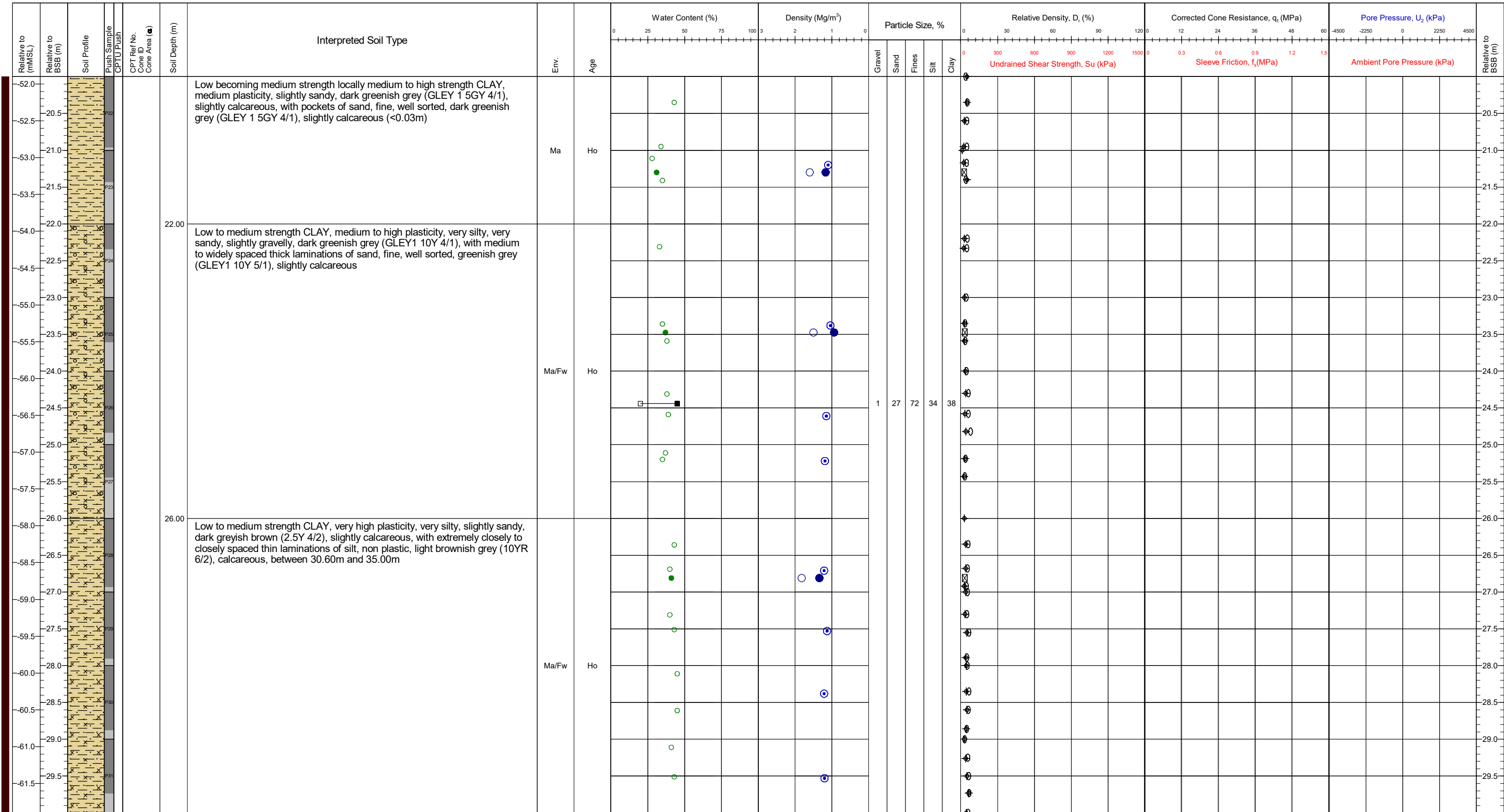
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673292.3E 6269812.0N	CRS: ETRS89	QC Status	Location Name CB3a-BH
Contract	11596	Latitude / Longitude		Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wilson CPT and push sampling methods	Preliminary	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	15/05/2021 - 16/05/2021		Final	
Method	Wilson	Final Borehole Depth	70.30m		JK/BC (16/05/2021)	
					DR (10/06/2021)	
					SMC (10/11/2021)	
						Page: 2/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



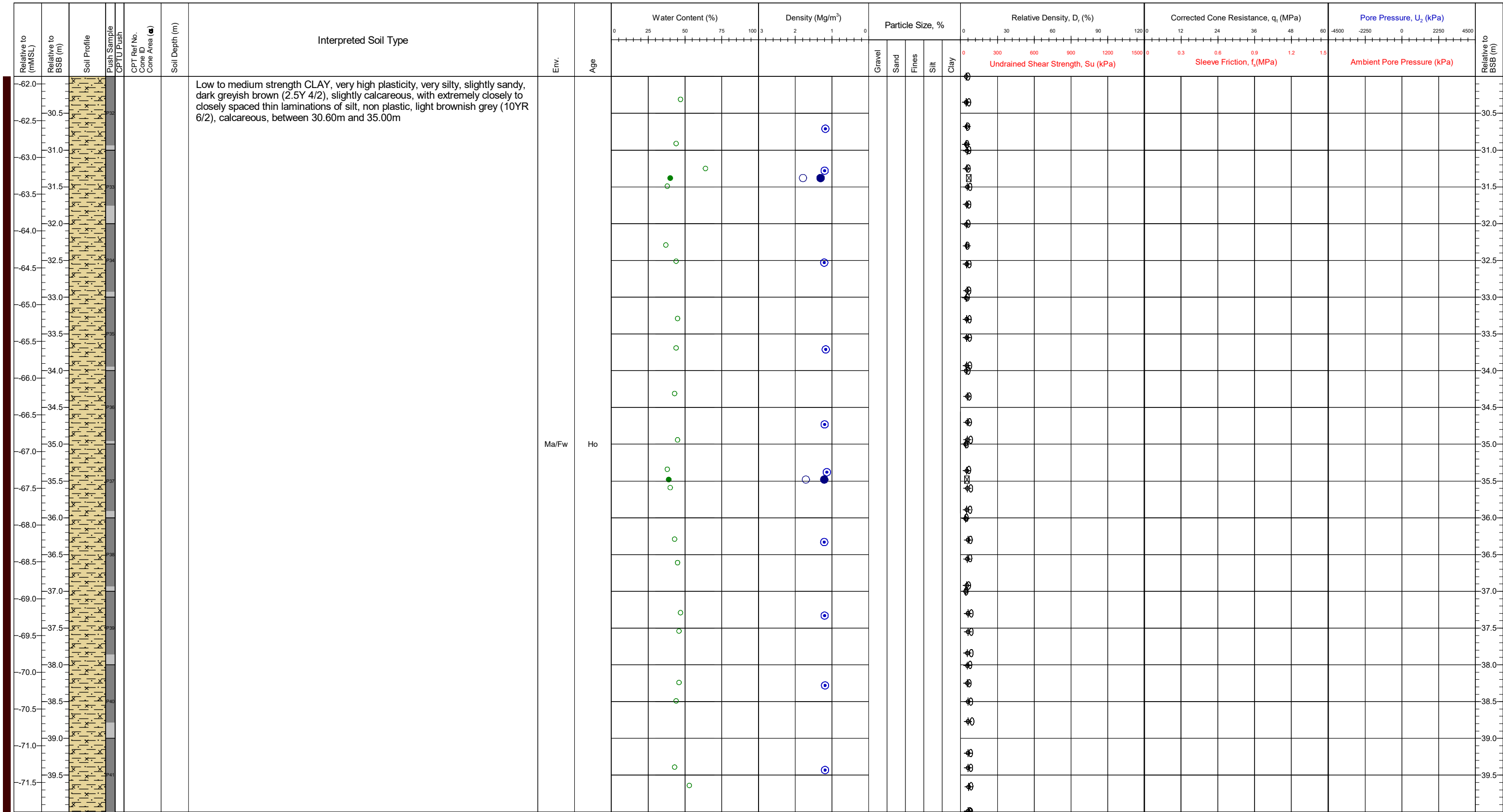
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	673292.3E 6269812.0N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9	Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wison CPT and push sampling methods	Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)	15/05/2021 - 16/05/2021		JK/BC (16/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	Wison	Final Borehole Depth	70.30m				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

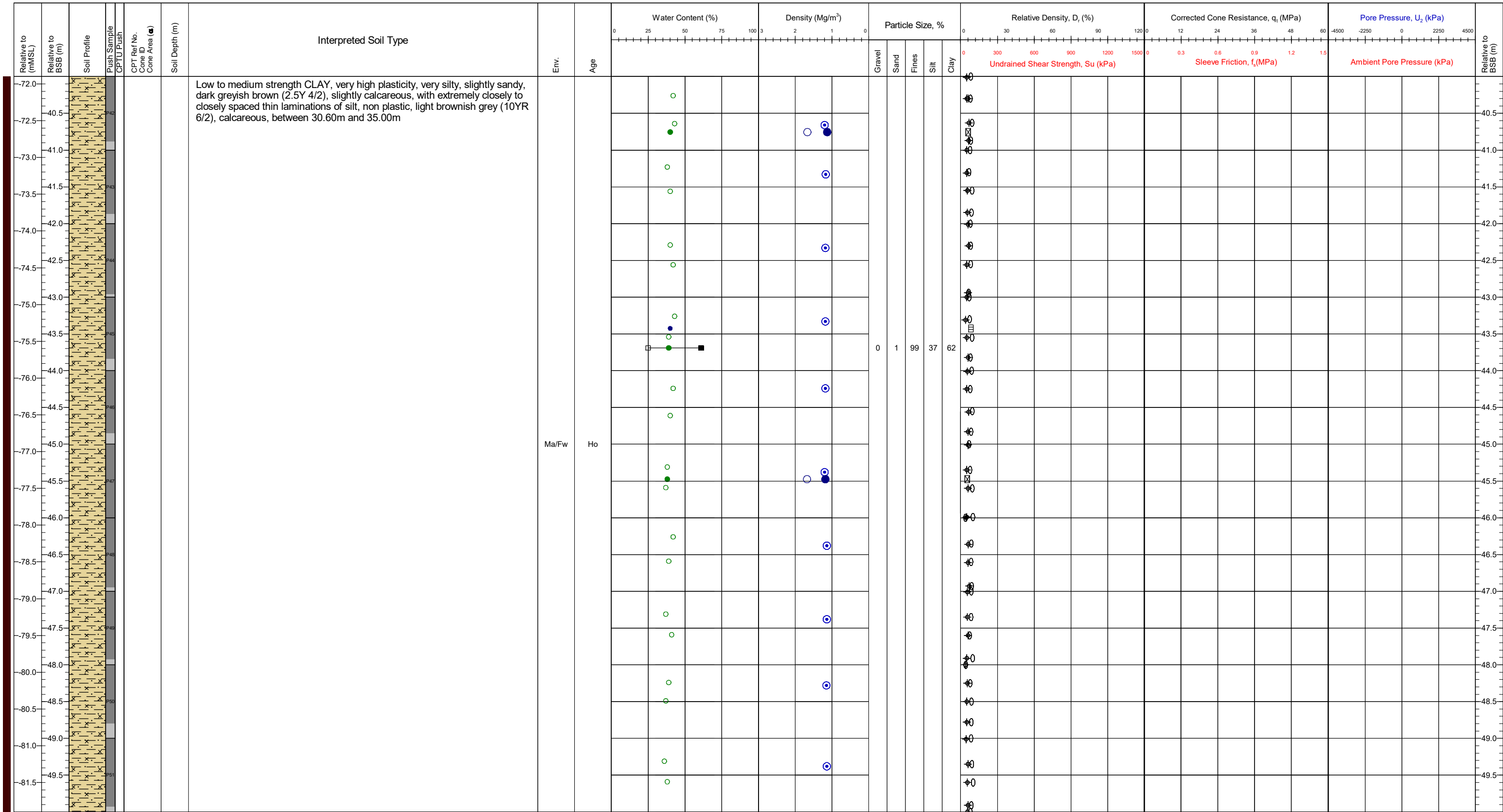
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	673292.3E 6269812.0N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wison CPT and push sampling methods	Preliminary	Draft	Final	CB3a-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9		JK/BC (16/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	15/05/2021 - 16/05/2021					
Method	Wison	Final Borehole Depth	70.30m					Page: 4/8



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



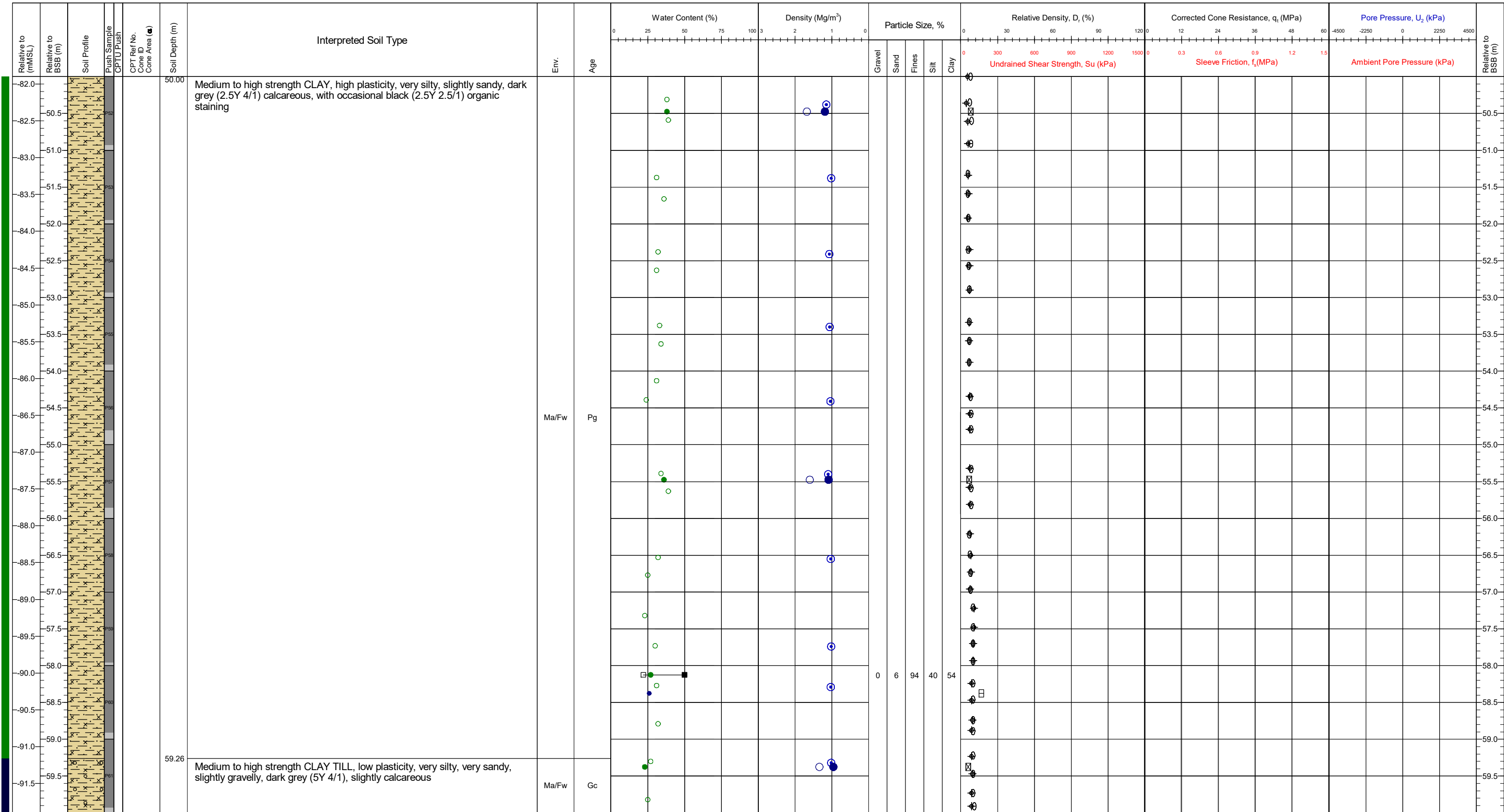
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	SILT		CLAY	<small>Assumed Unit Weight: 20 - 16 kN/m³ K_v: 0.5 - 2.0 N_{cr}: 15 - 20 N_{cr}: 12.5 - 16.5</small>
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	673292.3E 6269812.0N	CRS: ETRS89	QC Status			Location Name CB3a-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9		Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wison CPT and push sampling methods			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	15/05/2021 - 16/05/2021		JK/BC (16/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 5/8
Method	Wison	Final Borehole Depth	70.30m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



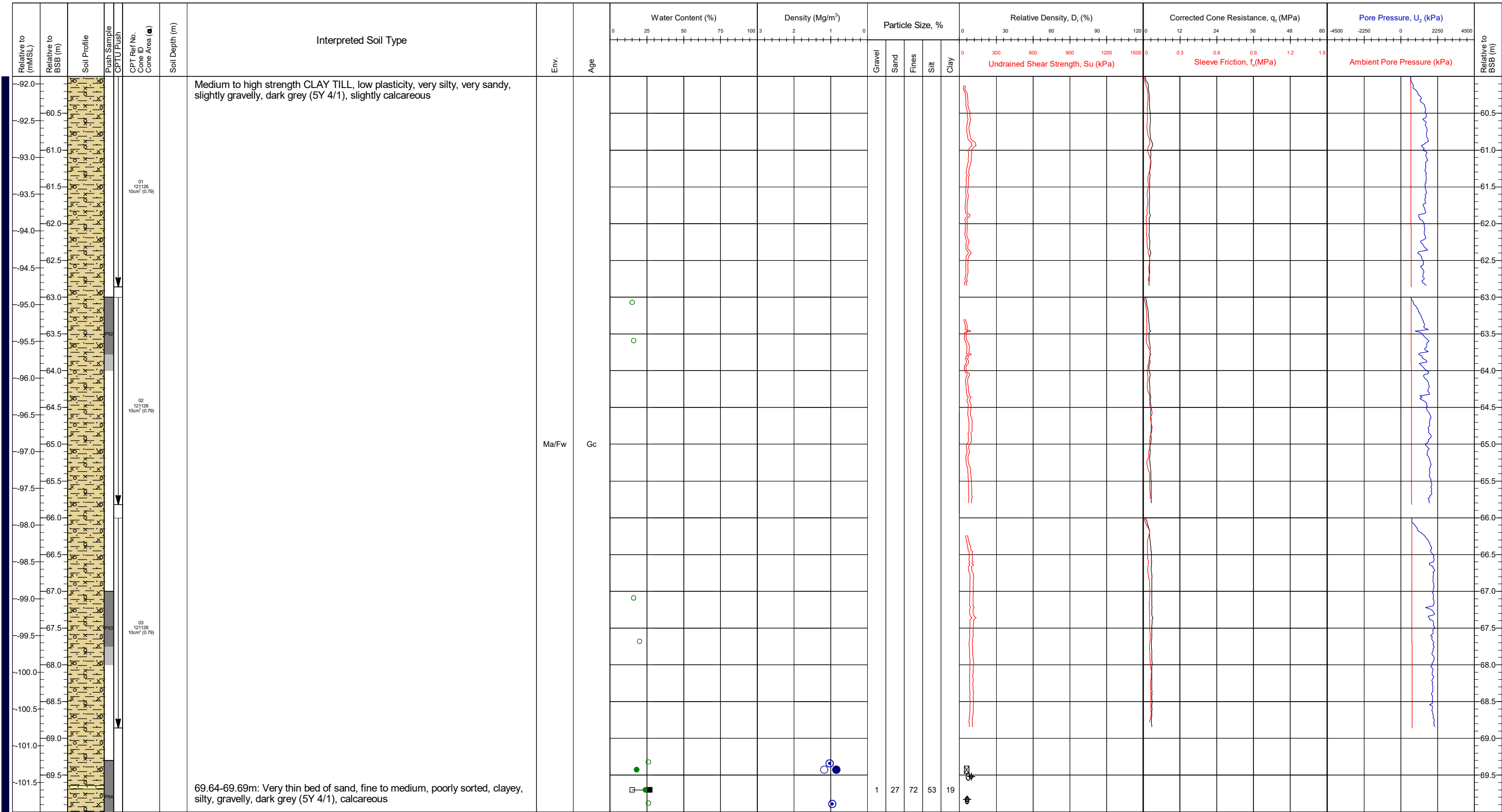
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	673292.3E 6269812.0N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wilson CPT and push sampling methods	Preliminary	CB3a-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	15/05/2021 - 16/05/2021		Final	
Method	Wilson	Final Borehole Depth	70.30m		JK/BC (16/05/2021) DR (10/06/2021) SMC (10/11/2021)	Page: 6/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673292.3E 6269812.0N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wison CPT and push sampling methods		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9		Preliminary	Draft
Vessel	MV Ocean Vantage	Date of Test (Start-End)	15/05/2021 - 16/05/2021		JK/BC (16/05/2021)	DR (10/06/2021)
Method	Wison	Final Borehole Depth	70.30m		SMc (10/11/2021)	CB3a-BH
						Page: 7/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Push Sample CPTU Push	CPT Ref No. Cone ID Cone Area (cm²)	Soil Depth (m)	Interpreted Soil Type	Env.	Age	Water Content (%)					Density (Mg/m³)					Particle Size, %					Relative Density, D _r (%)					Corrected Cone Resistance, q _i (MPa)					Pore Pressure, U _z (kPa)							
-102.0	-102.0				-102.0	End of borehole at 70.27m	Ma/Fw	Gc																																	
-102.5	-102.5																																								

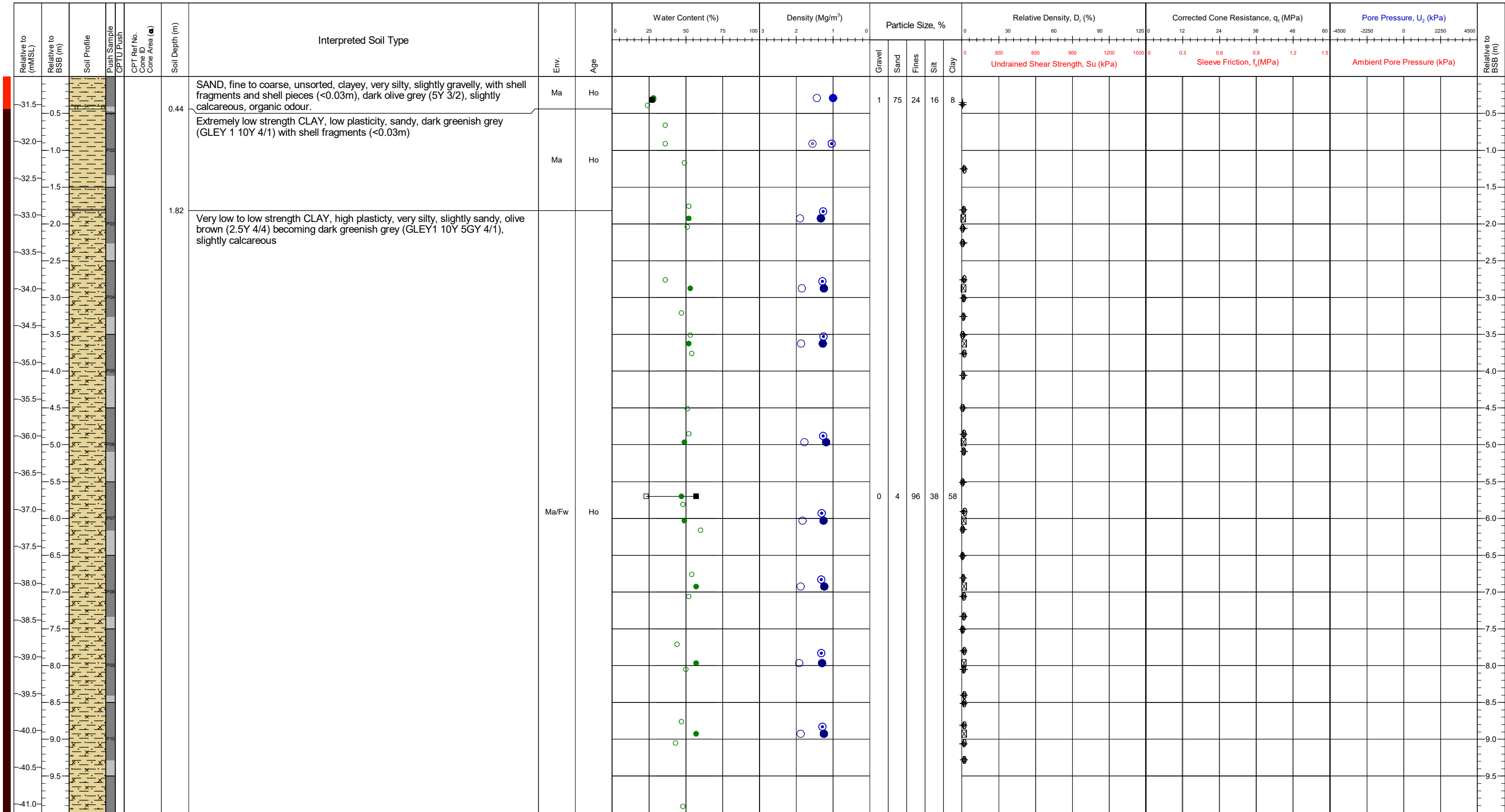
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	673292.3E 6269812.0N	CRS: ETRS89	Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wison CPT and push sampling methods	QC Status			Location Name CB3a-BH					
Contract	11596	Latitude / Longitude				Preliminary	Draft	Final						
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9											
Vessel	MV Ocean Vantage	Date of Test (Start-End)	15/05/2021 - 16/05/2021											
Method	Wison	Final Borehole Depth	70.30m					<table border="1" style="font-size: x-small;"> <tr> <td>JK/BC</td> <td>DR</td> <td>SMc</td> </tr> <tr> <td>(16/05/2021)</td> <td>(10/06/2021)</td> <td>(10/11/2021)</td> </tr> </table>	JK/BC	DR	SMc	(16/05/2021)	(10/06/2021)	(10/11/2021)
JK/BC	DR	SMc												
(16/05/2021)	(10/06/2021)	(10/11/2021)												

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



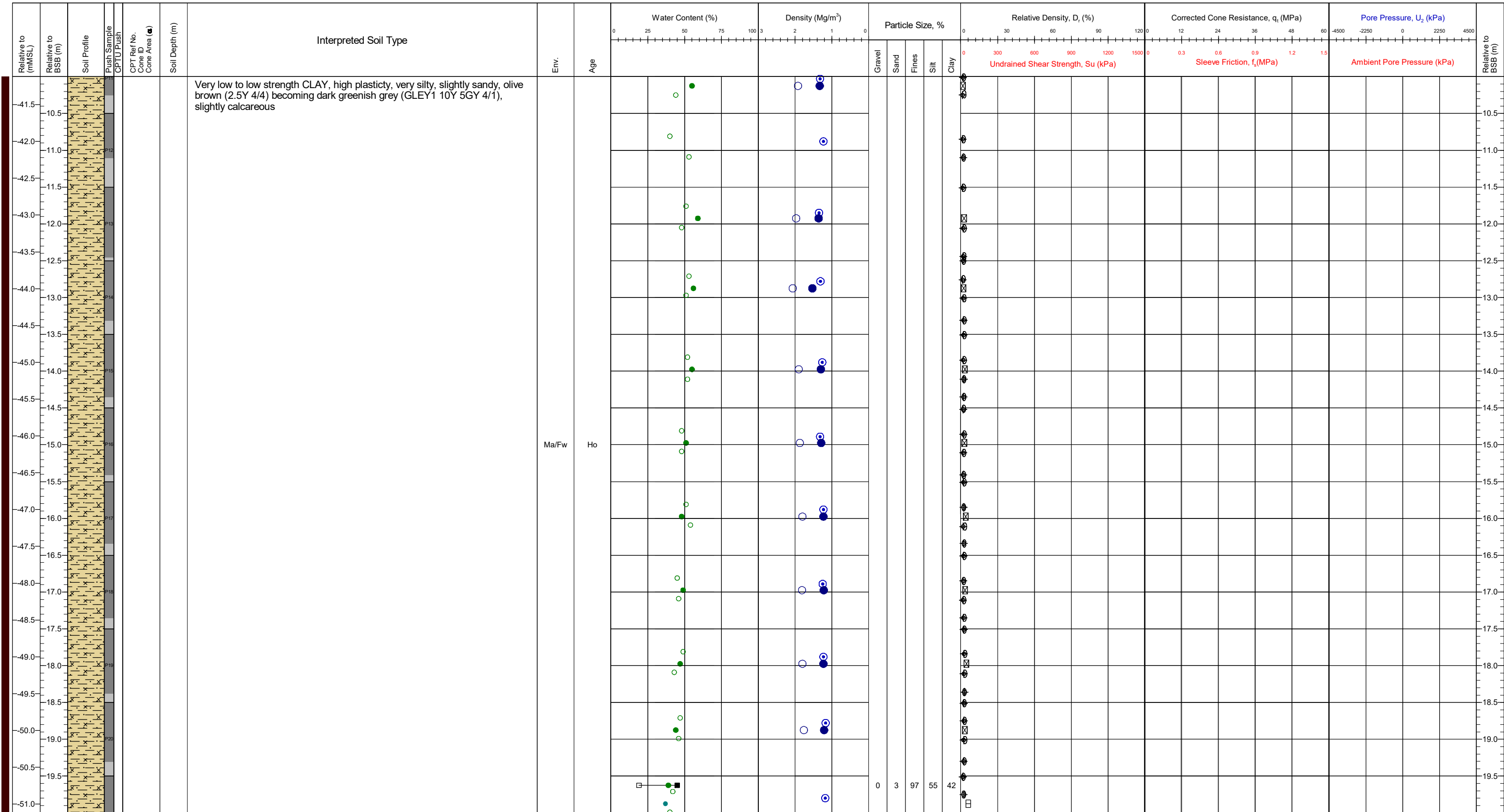
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	675777.1E 6272690.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1	Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wison CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note;- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.	JK/BC (16/05/2021)	DR (25/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	16/05/2021 - 18/05/2021					
Method	Wison	Final Borehole Depth	70.80m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

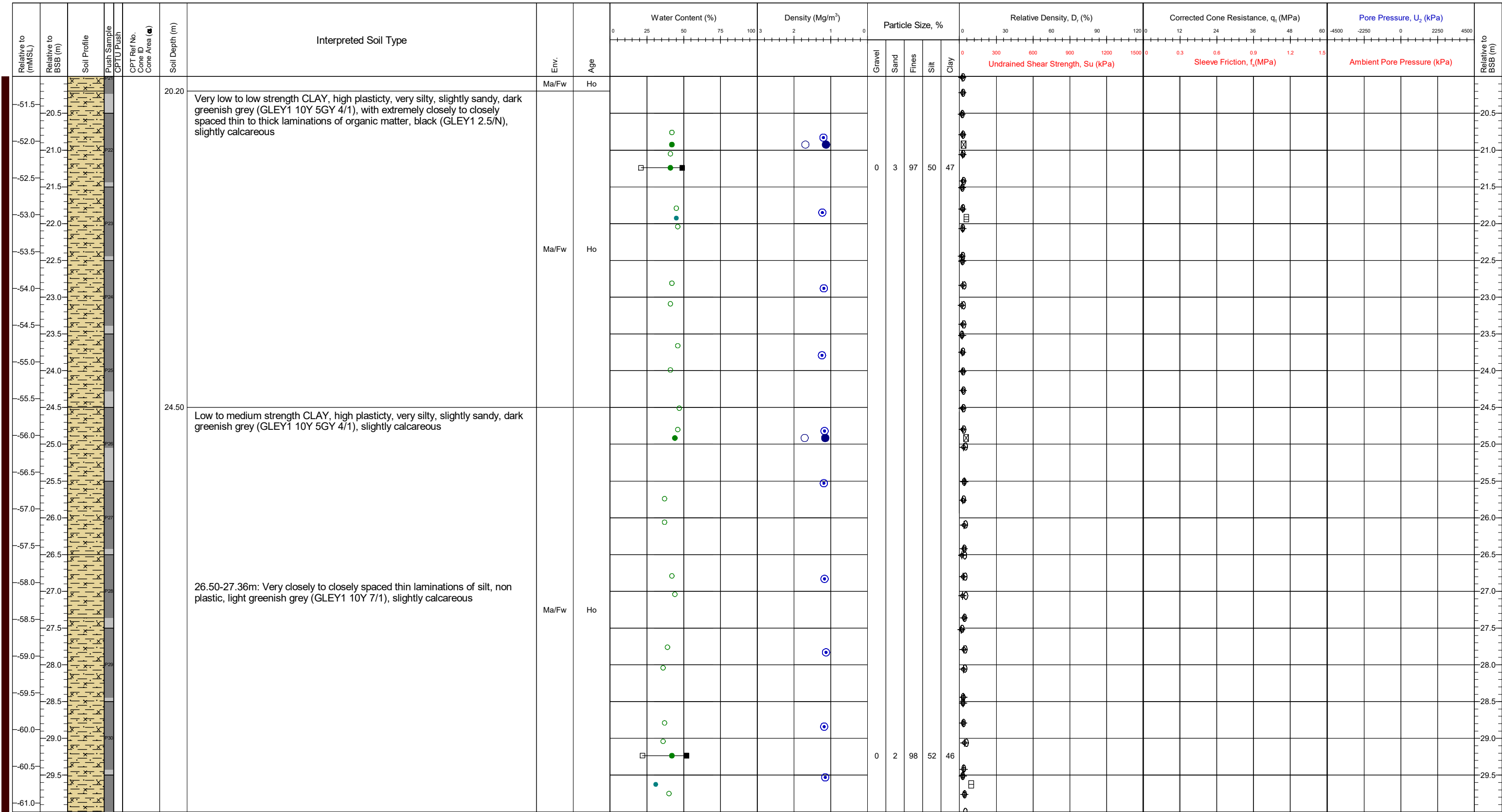
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	675777.1E 6272690.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1		Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wison CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	16/05/2021 - 18/05/2021		JK/BC (16/05/2021)	DR (25/06/2021)	SMc (10/11/2021)	Page: 2/8
Method	Wison	Final Borehole Depth	70.80m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



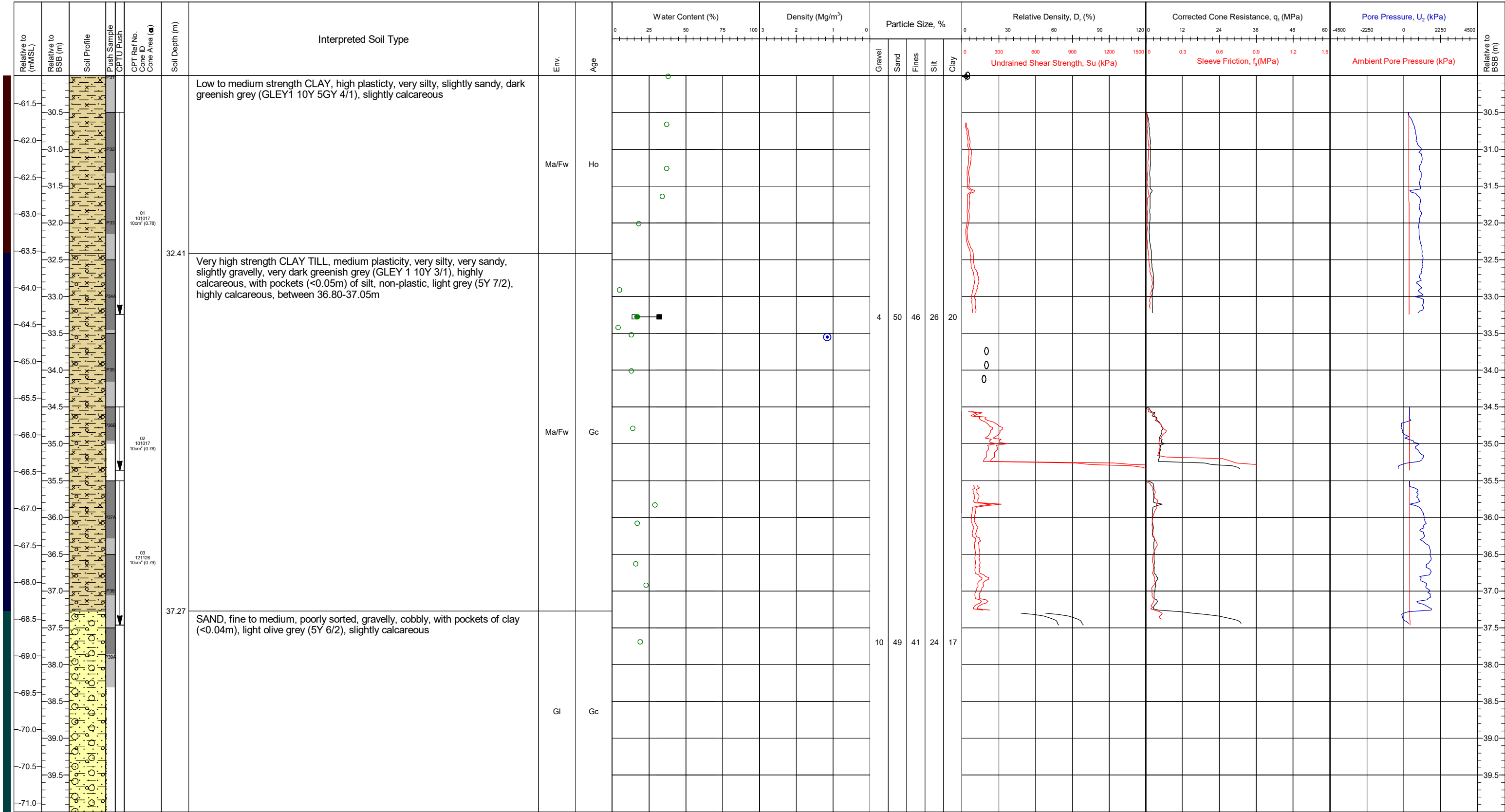
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	675777.1E 6272690.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1	Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wison CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note;- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.	JK/BC	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	16/05/2021 - 18/05/2021		(16/05/2021)	(25/06/2021)	(10/11/2021)	
Method	Wison	Final Borehole Depth	70.80m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

Symbol	Soil Type
	SILT
	CLAY
	SAND
	GRAVEL
	COBBLES
	CHALK
	PEAT
	Mixed Soil

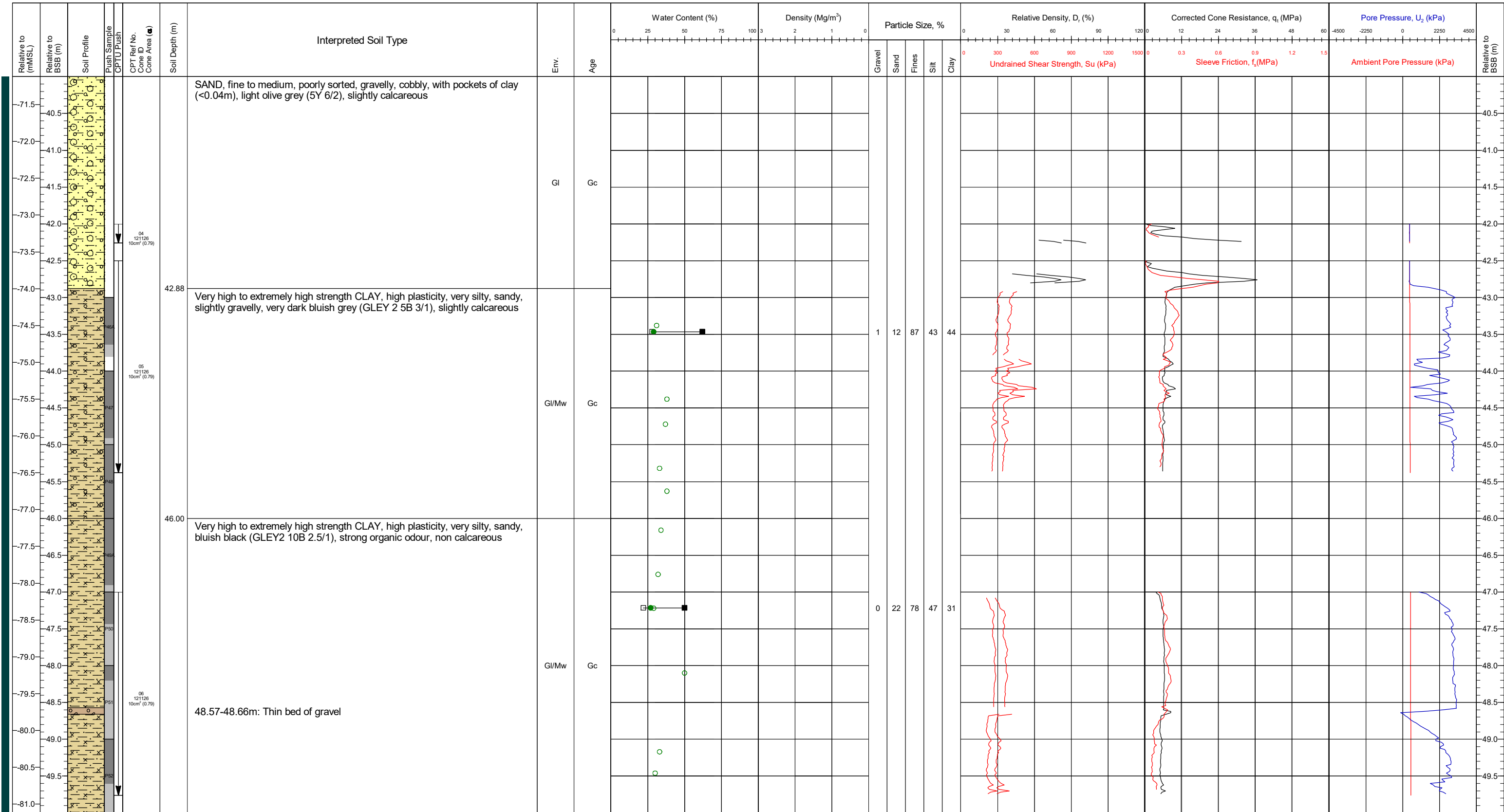
Area	Kattegat Sea	Coordinates	675777.1E 6272690.2N	CRS: ETRS89
Contract	11596	Latitude / Longitude		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	16/05/2021 - 18/05/2021	
Method	Wilson	Final Borehole Depth	70.80m	

QC Status			Location Name
Preliminary	Draft	Final	CB4-BH
JK/BC (16/05/2021)	DR (25/06/2021)	SMc (10/11/2021)	

Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

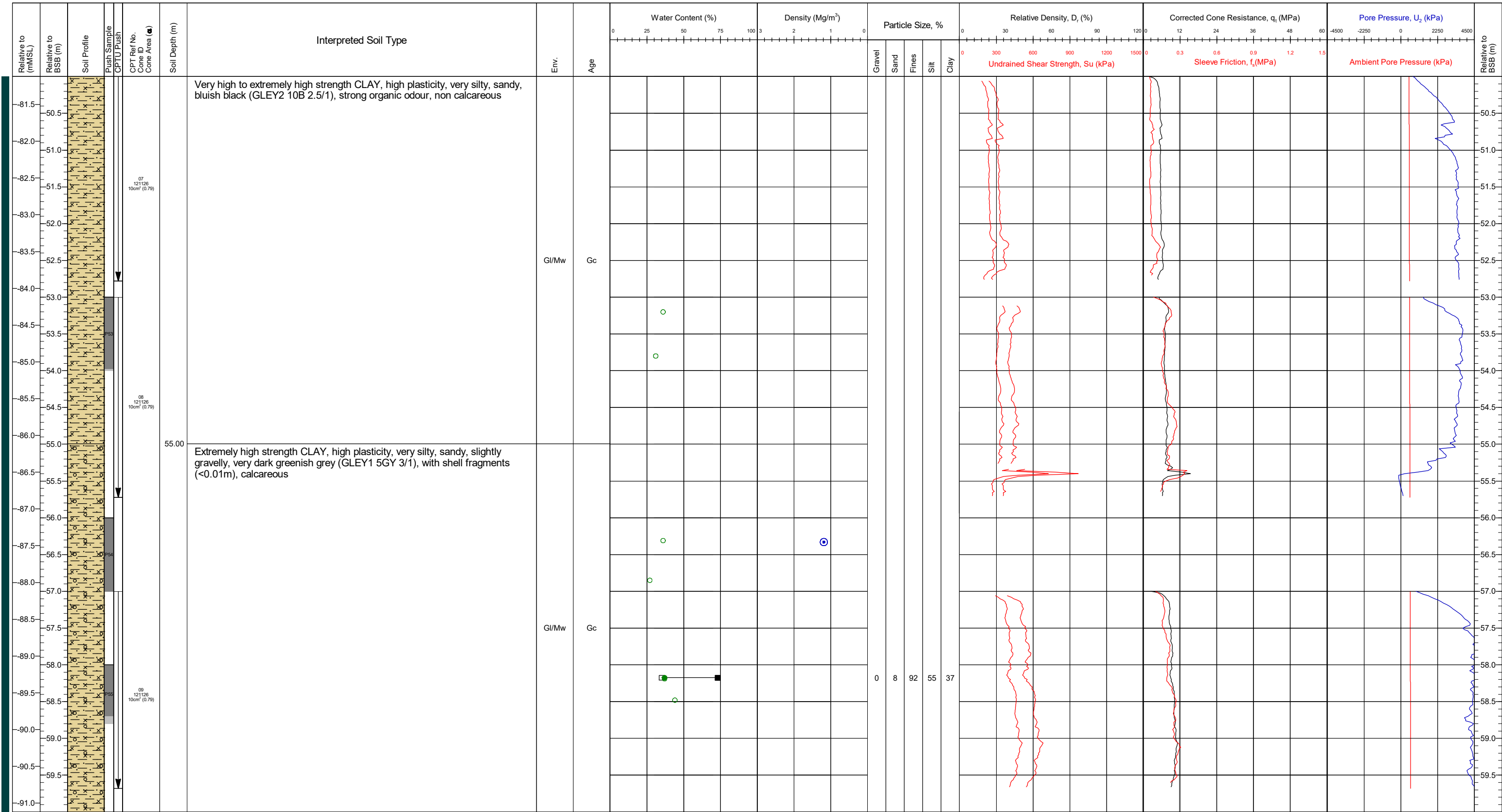
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	675777.1E 6272690.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1	Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wison CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.	JK/BC	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	16/05/2021 - 18/05/2021		(16/05/2021)	(25/06/2021)	(10/11/2021)	
Method	Wison	Final Borehole Depth	70.80m		Page: 5/8			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

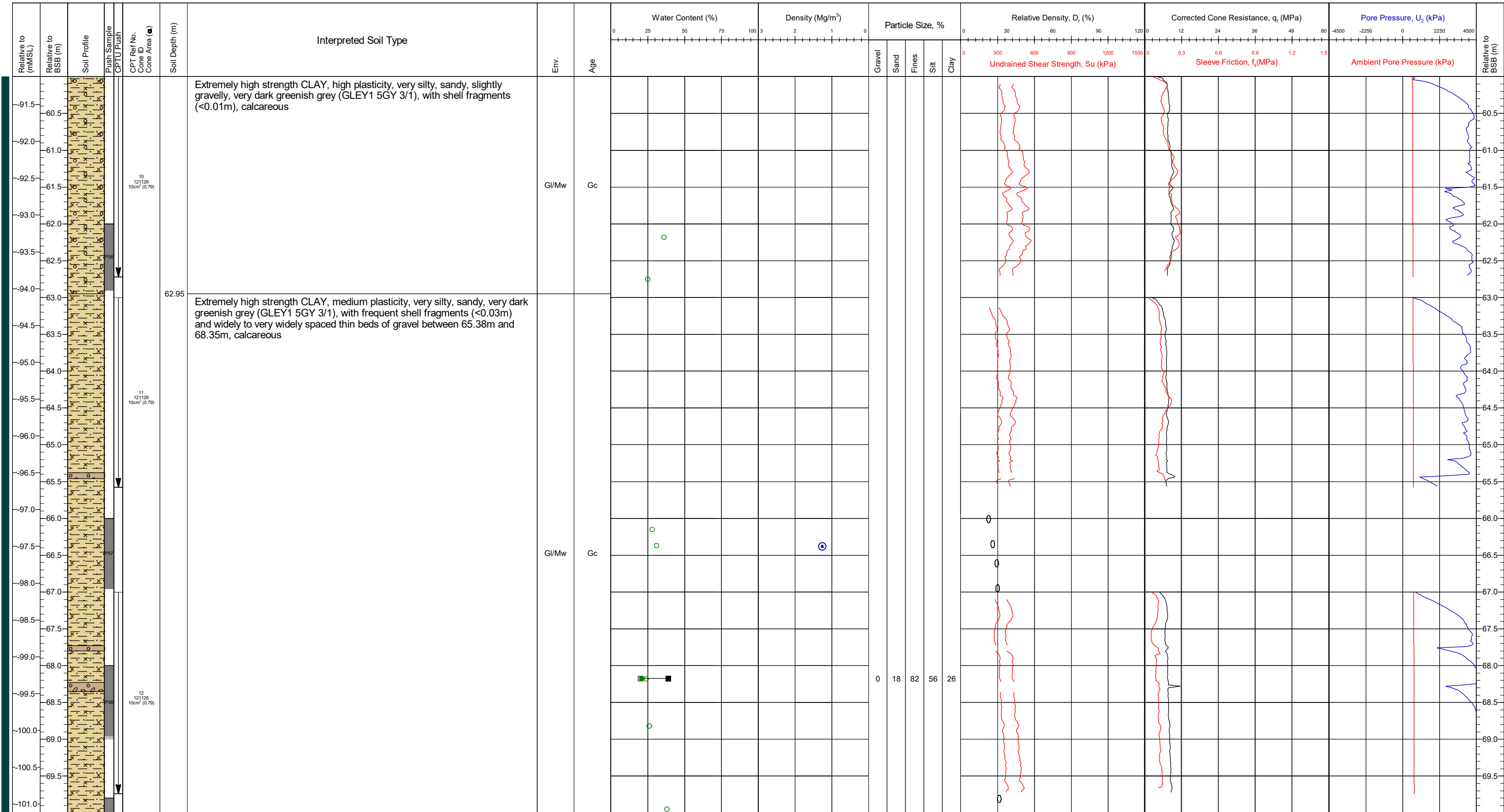
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	675777.1E 6272690.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1		Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wison CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note;- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	16/05/2021 - 18/05/2021		JK/BC	DR	SMc	Page: 6/8
Method	Wison	Final Borehole Depth	70.80m		(16/05/2021)	(25/06/2021)	(10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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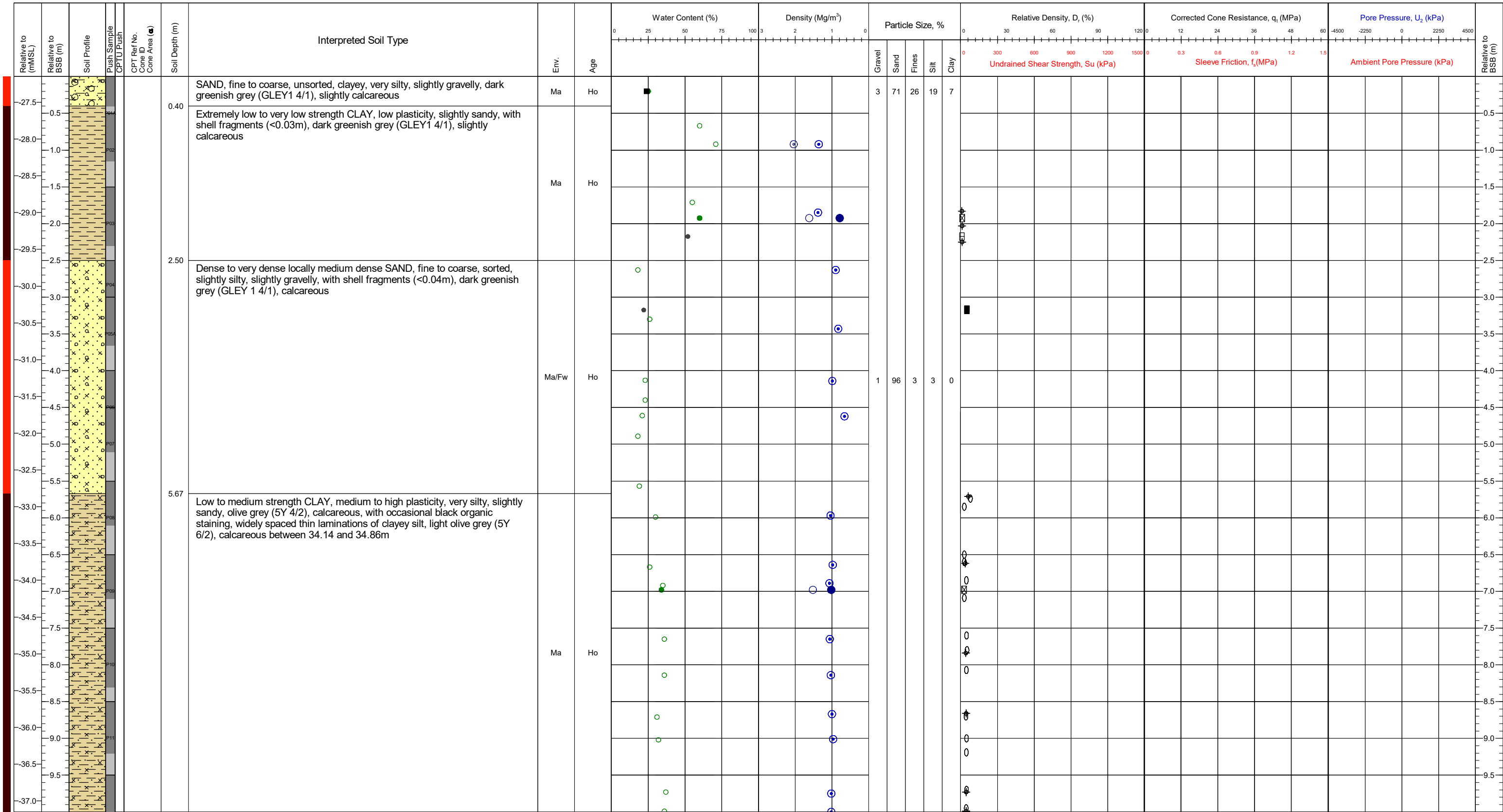
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	675777.1E 6272690.2N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude			Preliminary	CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	16/05/2021 - 18/05/2021	Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wison CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.	Final	
Method	Wison	Final Borehole Depth	70.80m		JK/BC (16/05/2021)	DR (25/06/2021)

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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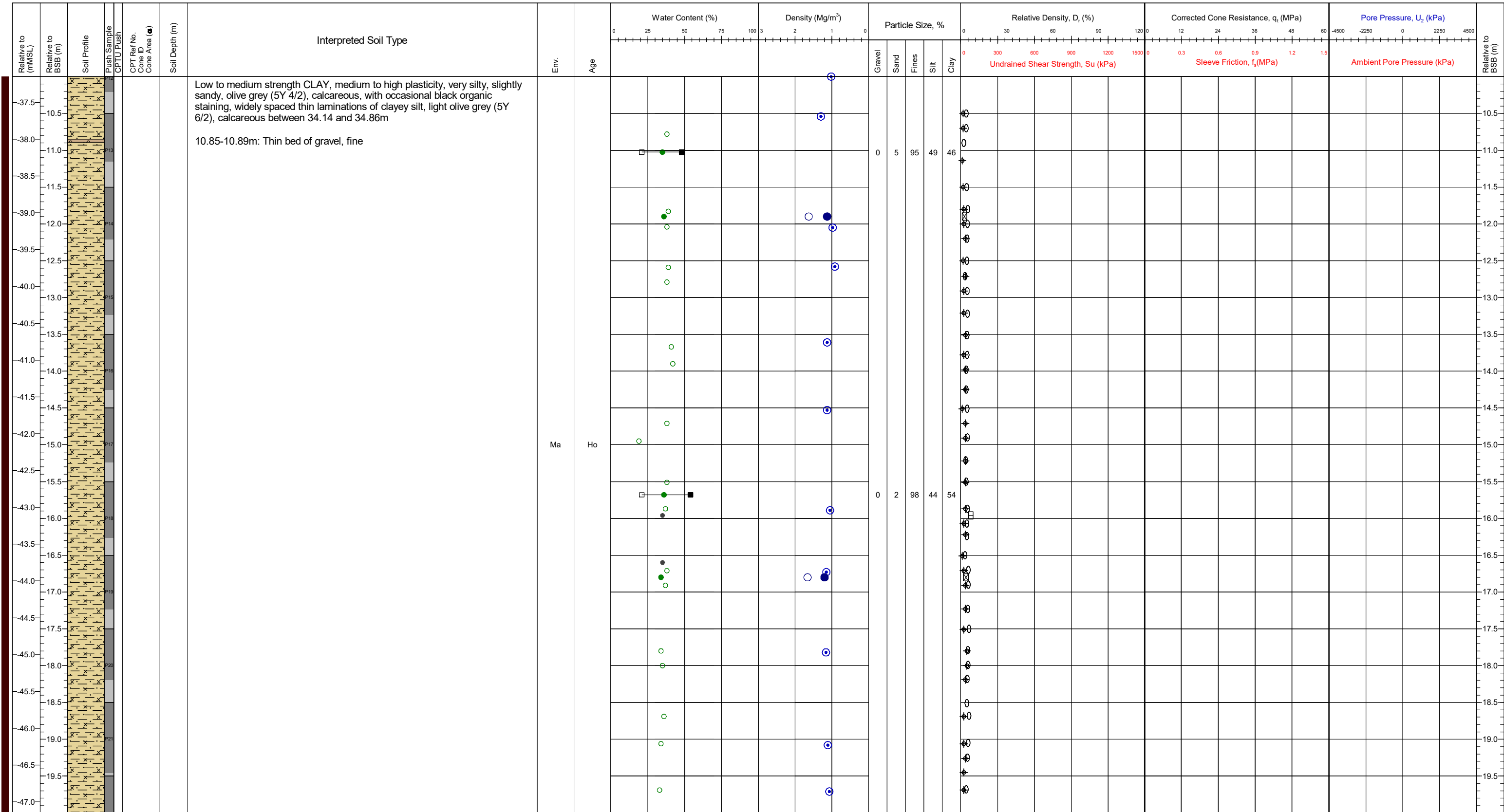
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[Symbol]	SAND	[Symbol]	GRAVEL
[Symbol]	CHALK	[Symbol]	PEAT
[Symbol]		[Symbol]	Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	671117.7E 6254702.0N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wison CPT and push sampling methods.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-27.2		Preliminary	Draft
Vessel	MV Ocean Vantage	Date of Test (Start-End)	09/05/2021 - 11/05/2021		JK/BC	DR
Method	Wison	Final Borehole Depth	64.70m		(11/05/2021)	(10/06/2021)
					Final	SMc
						(10/11/2021)
						Page: 1/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



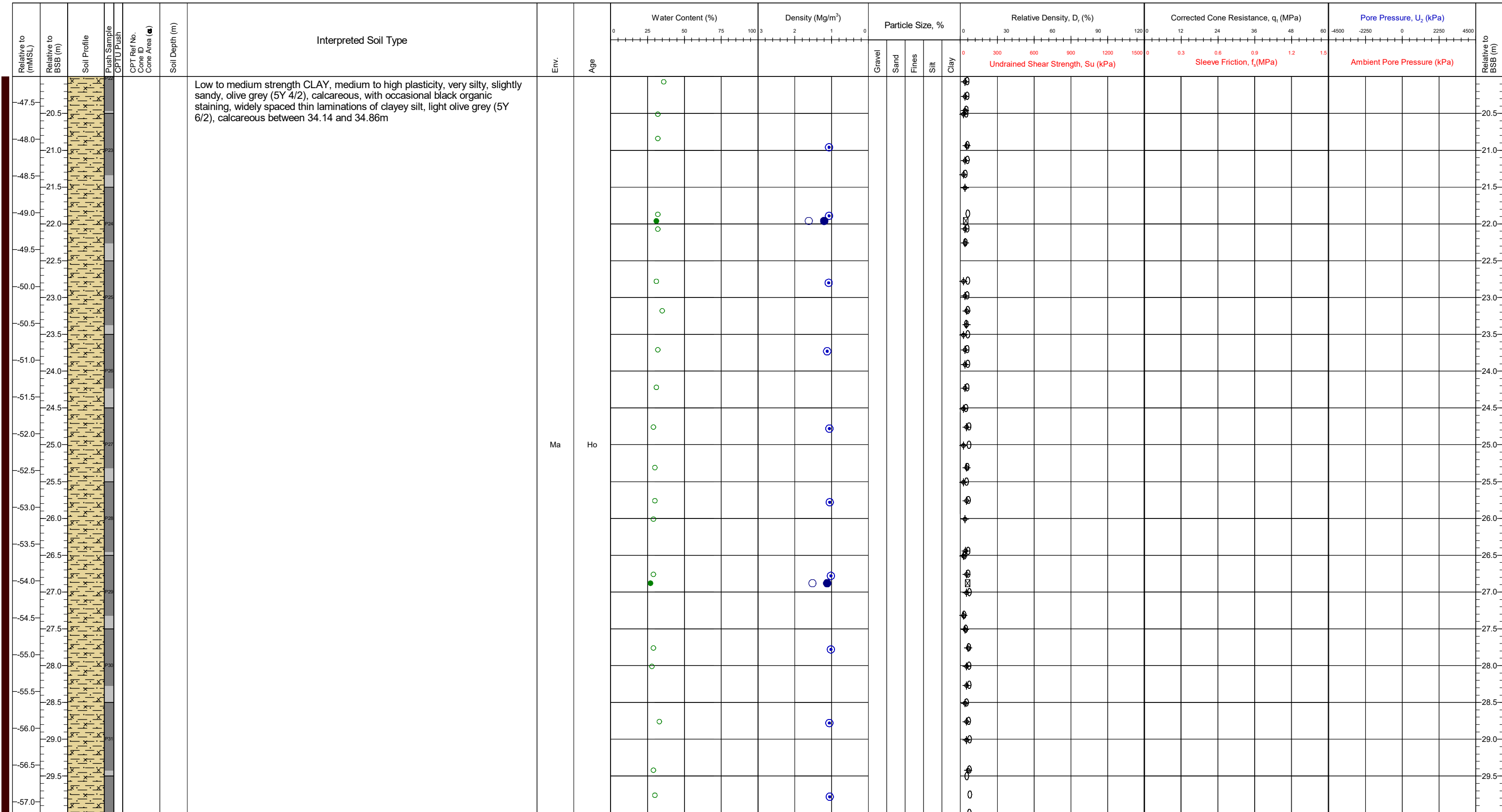
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	671117.7E 6254702.0N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (11/05/2021) DR (10/06/2021) SMc (10/11/2021)	Location Name CB5-BH
Contract	11596	Latitude / Longitude		Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wison CPT and push sampling methods.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-27.2			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	09/05/2021 - 11/05/2021			
Method	Wison	Final Borehole Depth	64.70m			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

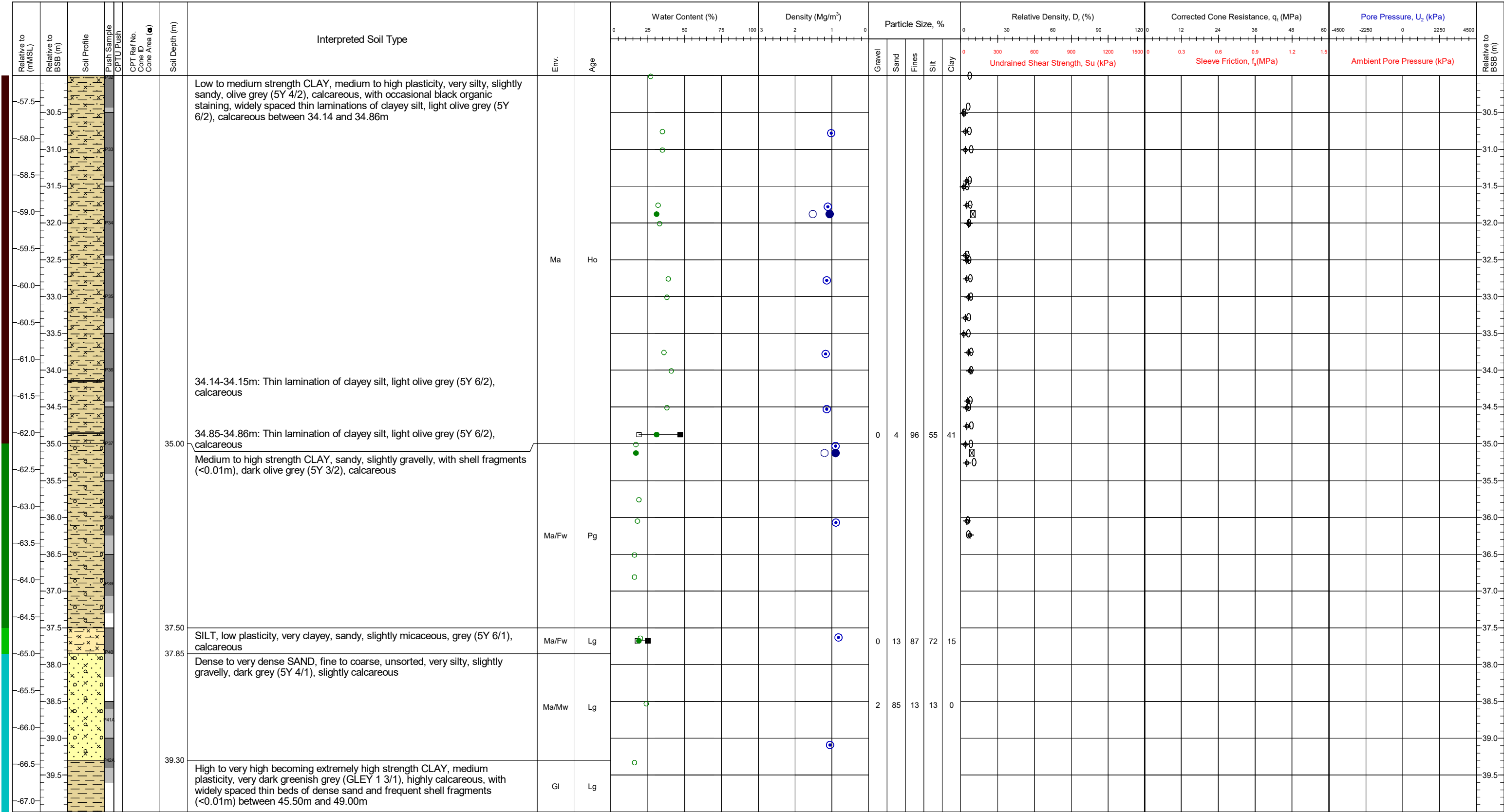


KEY TO SOIL PROFILE

<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p> SILT</p> <p> SAND</p> <p> CHALK</p> </div> <div style="width: 50%;"> <p> CLAY</p> <p> GRAVEL</p> <p> PEAT</p> </div> <div style="width: 50%;"> <p> COBBLES</p> <p> Mixed Soil</p> </div> </div>	<p>Assumed Unit Weight: 20 - 16 kN/m³ K_s: 0.5 - 2.0 N_{cr}: 15 - 20 N_{cr}: 12.5 - 16.5</p>	<table border="1" style="width: 100%;"> <tr><td>Area</td><td>Kattegat Sea</td></tr> <tr><td>Contract</td><td>11596</td></tr> <tr><td>Client Name / Ref</td><td>Energinet Eltransmission A/S / 384_20_ENE</td></tr> <tr><td>Vessel</td><td>MV Ocean Vantage</td></tr> <tr><td>Method</td><td>Wilson</td></tr> </table>	Area	Kattegat Sea	Contract	11596	Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Vessel	MV Ocean Vantage	Method	Wilson	<table border="1" style="width: 100%;"> <tr><td>Coordinates</td><td>671117.7E 6254702.0N</td></tr> <tr><td>Latitude / Longitude</td><td></td></tr> <tr><td>Water Depth (mMSL)</td><td>-27.2</td></tr> <tr><td>Date of Test (Start-End)</td><td>09/05/2021 - 11/05/2021</td></tr> <tr><td>Final Borehole Depth</td><td>64.70m</td></tr> </table>	Coordinates	671117.7E 6254702.0N	Latitude / Longitude		Water Depth (mMSL)	-27.2	Date of Test (Start-End)	09/05/2021 - 11/05/2021	Final Borehole Depth	64.70m	<p>CRS: ETRS89</p> <p>Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.</p>	<table border="1" style="width: 100%;"> <tr><td colspan="3">QC Status</td></tr> <tr><td>Preliminary</td><td>Draft</td><td>Final</td></tr> <tr><td>JK/BC (11/05/2021)</td><td>DR (10/06/2021)</td><td>SMc (10/11/2021)</td></tr> </table>	QC Status			Preliminary	Draft	Final	JK/BC (11/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	<p>Location Name</p> <p style="text-align: center;">CB5-BH</p>
Area	Kattegat Sea																																		
Contract	11596																																		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE																																		
Vessel	MV Ocean Vantage																																		
Method	Wilson																																		
Coordinates	671117.7E 6254702.0N																																		
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Date of Test (Start-End)	09/05/2021 - 11/05/2021																																		
Final Borehole Depth	64.70m																																		
QC Status																																			
Preliminary	Draft	Final																																	
JK/BC (11/05/2021)	DR (10/06/2021)	SMc (10/11/2021)																																	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



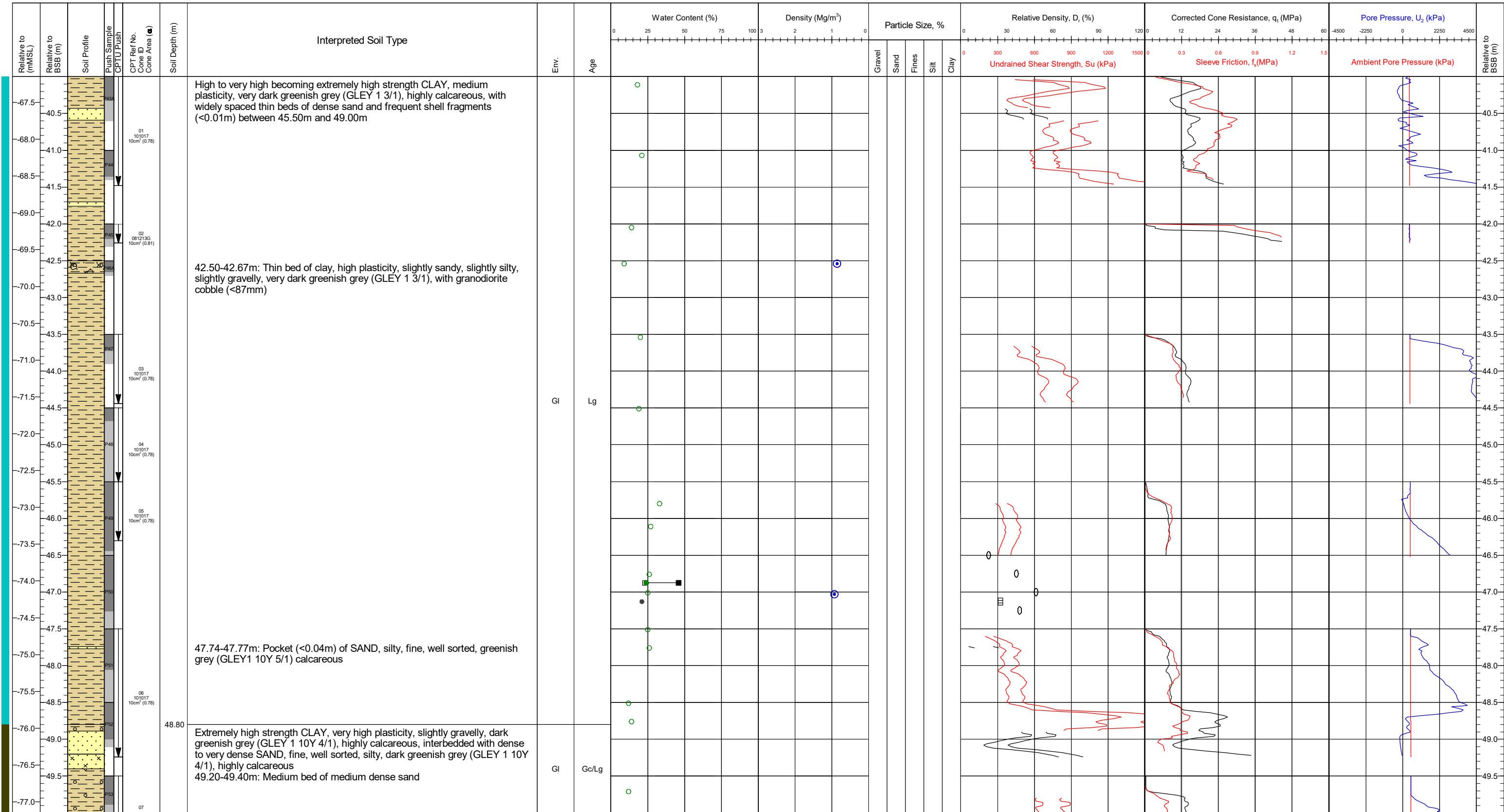
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _c : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	671117.7E 6254702.0N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (11/05/2021) DR (10/06/2021) SMC (10/11/2021)	Location Name CB5-BH
Contract	11596	Latitude / Longitude		Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wison CPT and push sampling methods.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-27.2			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	09/05/2021 - 11/05/2021			
Method	Wison	Final Borehole Depth	64.70m			

Preliminary Investigation, Hesselø OWF

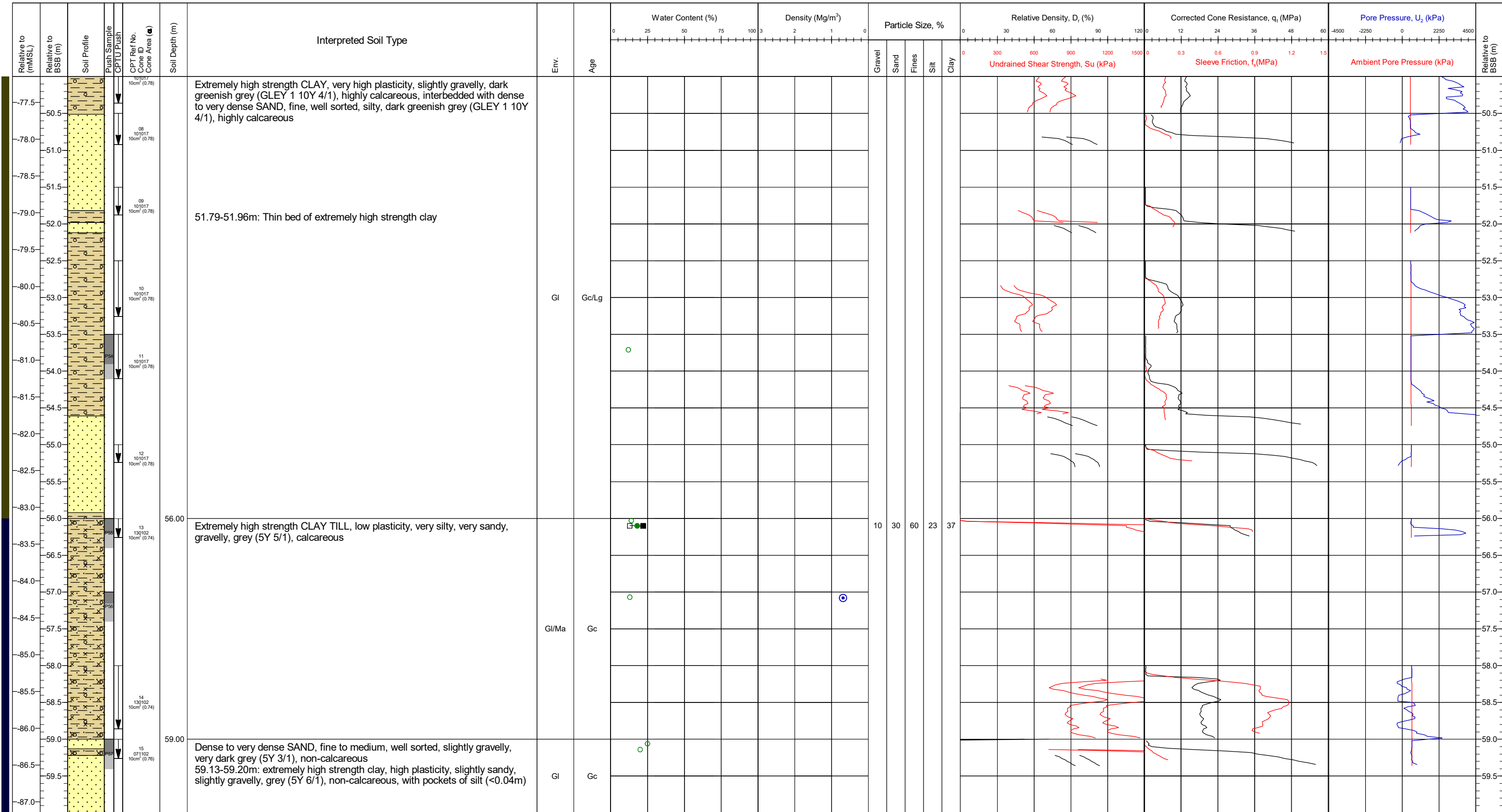
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE 		Area	Kattegat Sea		Coordinates	671117.7E	6254702.0N	CRS: ETRS89	QC Status			Location Name
		Contract	11596		Latitude / Longitude			Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	CB5-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE		Water Depth (mMSL)	-27.2		Date of Test (Start-End)	09/05/2021 - 11/05/2021		JK/BC (11/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage		Method	Wison		Final Borehole Depth	64.70m					Page: 5/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



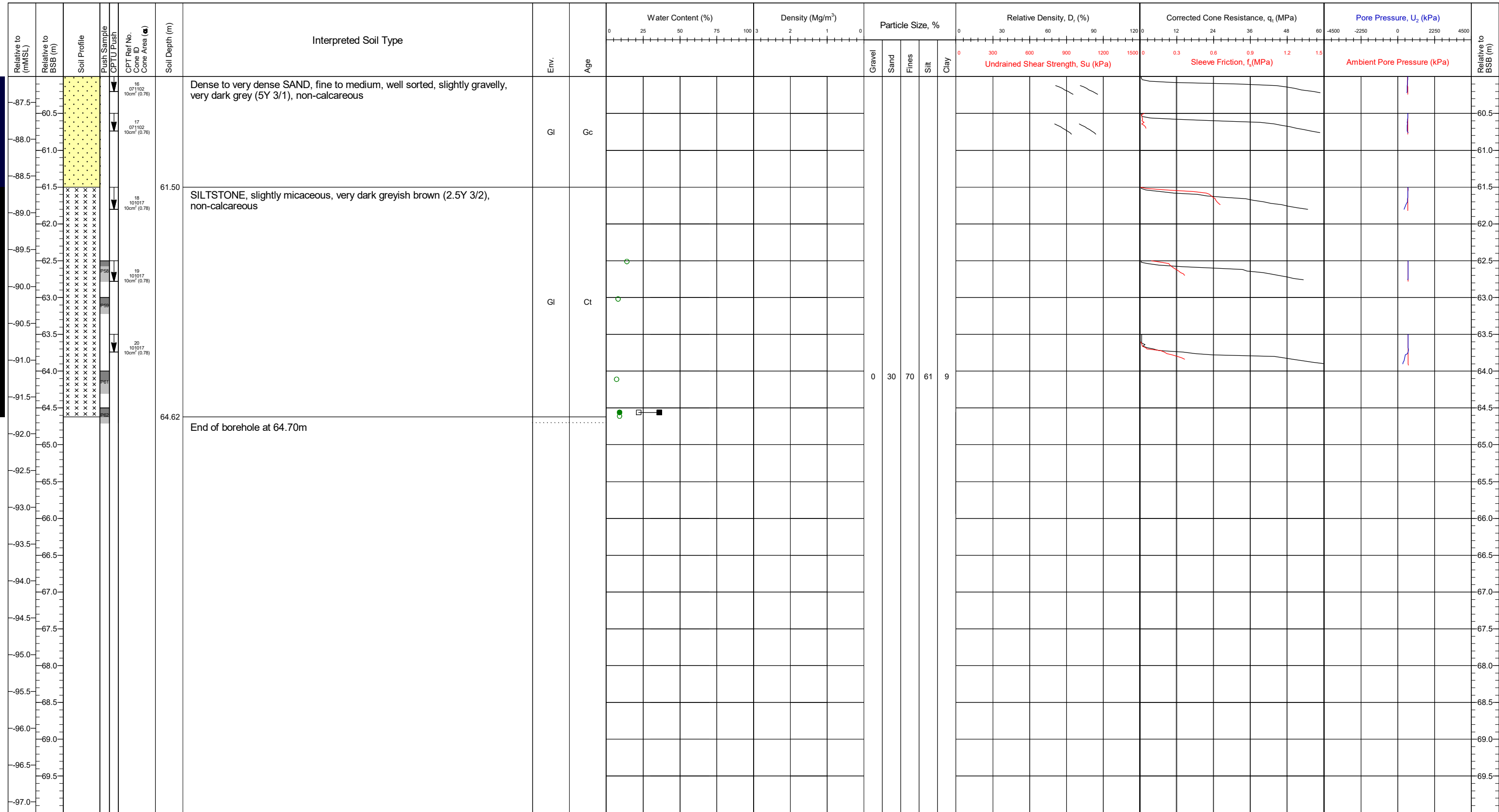
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	671117.7E 6254702.0N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB5-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-27.2		Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wison CPT and push sampling methods.			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	09/05/2021 - 11/05/2021		JK/BC	DR	SMc	
Method	Wison	Final Borehole Depth	64.70m		(11/05/2021)	(10/06/2021)	(10/11/2021)	Page: 6/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

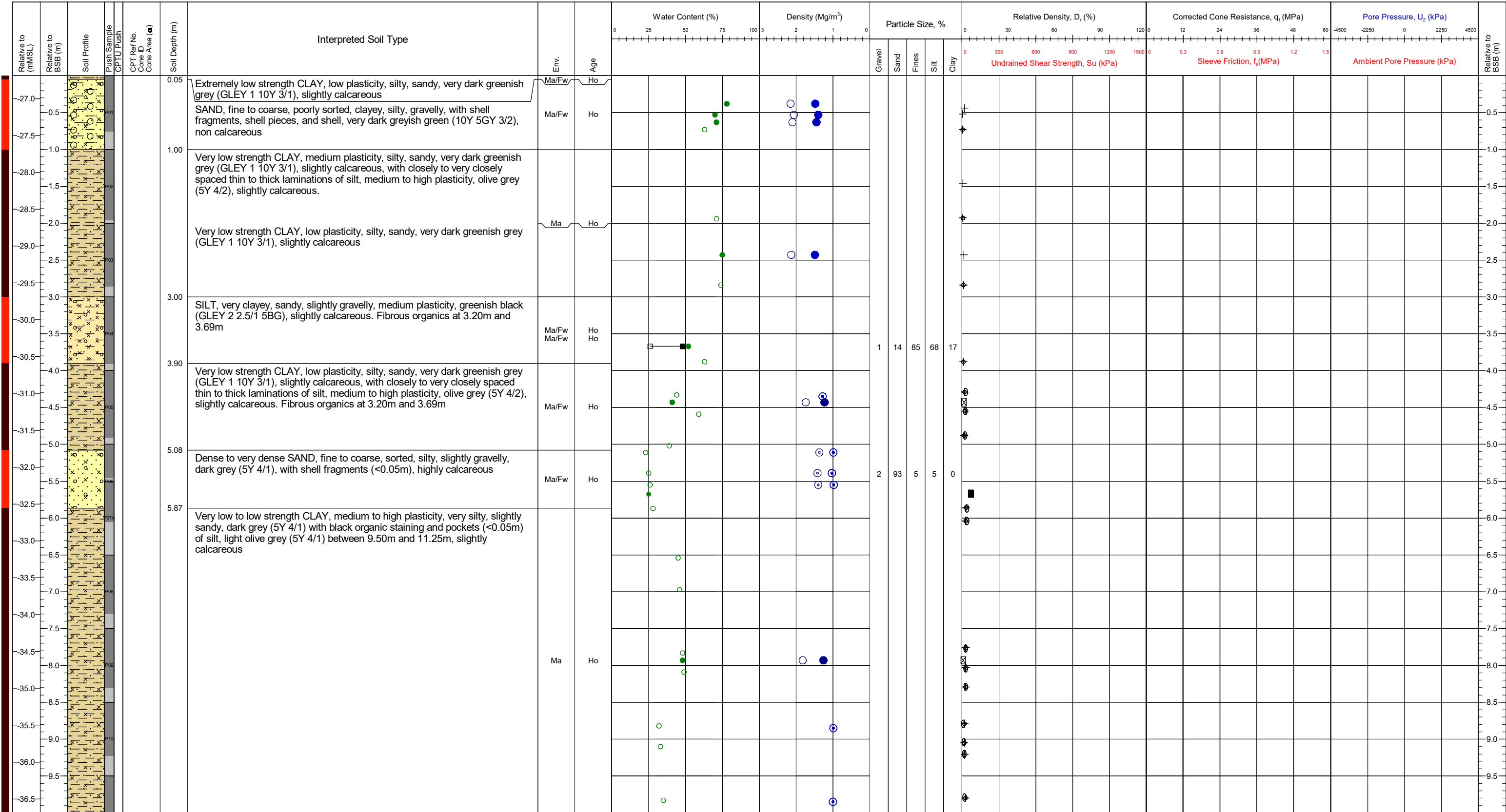
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	671117.7E 6254702.0N	CRS: ETRS89			
Contract	11596	Latitude / Longitude		Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wison CPT and push sampling methods.	QC Status		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-27.2		Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)	09/05/2021 - 11/05/2021		JK/BC (11/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	Wison	Final Borehole Depth	64.70m		Location Name		
				CB5-BH			
				Page: 7/7			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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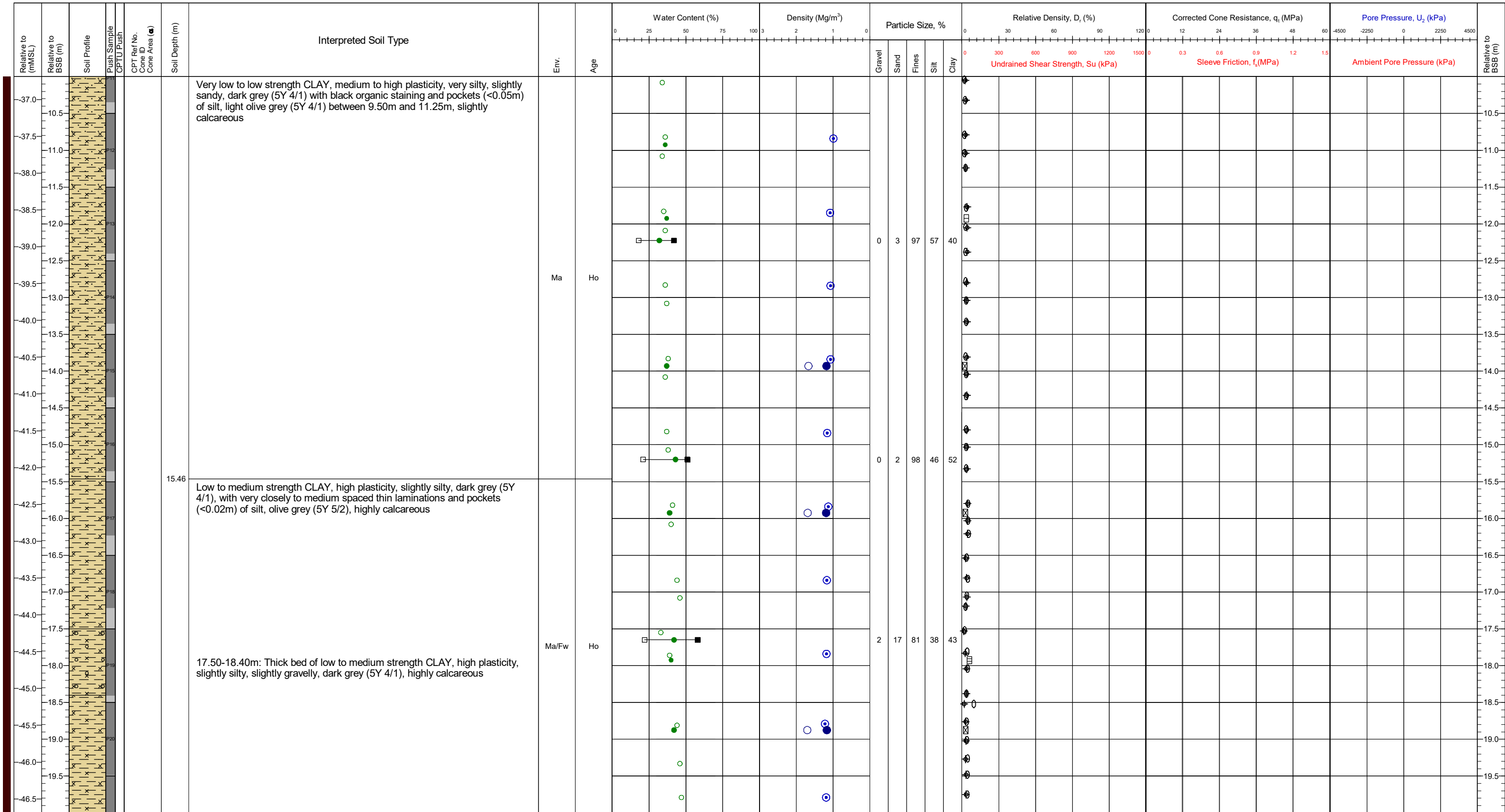
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	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	668193.1E 6258003.5N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (27/05/2021) DR (10/06/2021) SMC (10/11/2021)	Location Name CB6-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7	Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)	27/05/2021 - 29/05/2021			
Method	Wison	Final Borehole Depth	56.70m			Page: 1/6



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



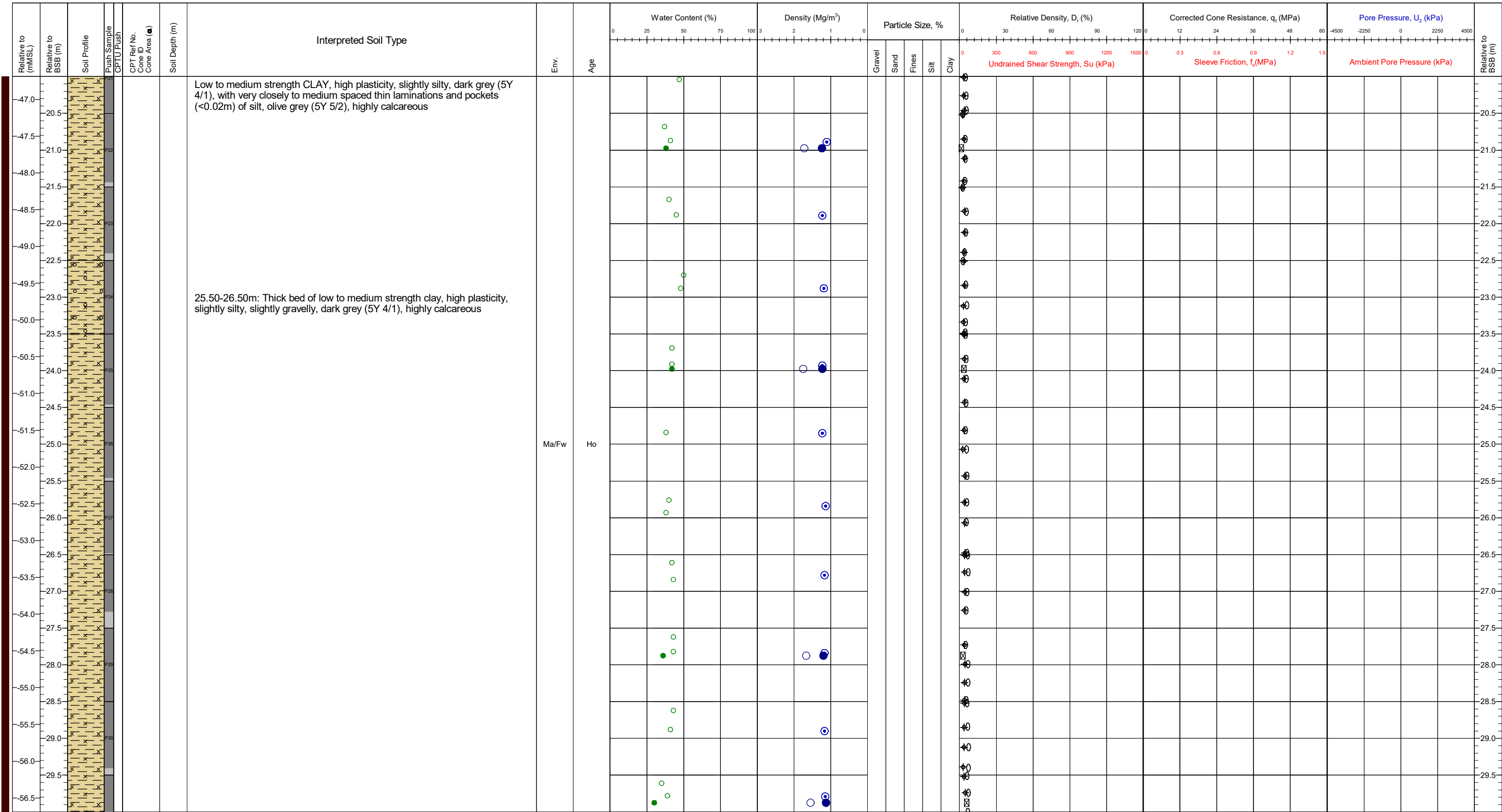
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	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	668193.1E 6258003.5N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7	Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.	Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)	27/05/2021 - 29/05/2021		JK/BC	DR	SMc
Method	Wison	Final Borehole Depth	56.70m		(27/05/2021)	(10/06/2021)	(10/11/2021)
					Page: 2/6		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



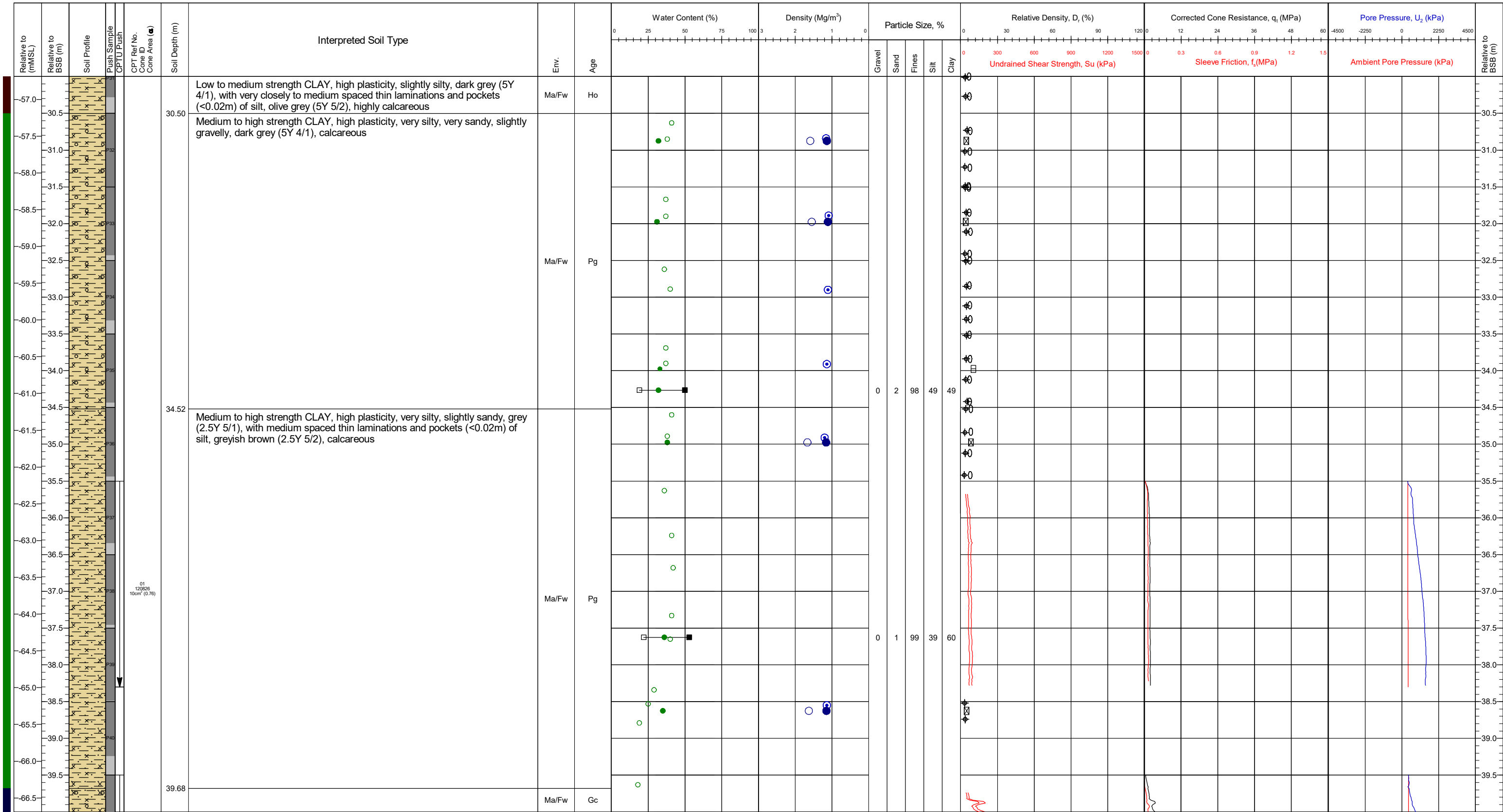
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	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	668193.1E 6258003.5N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.	Preliminary	CB6-BH Page: 3/6
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	27/05/2021 - 29/05/2021		Final	
Method	Wison	Final Borehole Depth	56.70m		JK/BC (27/05/2021) DR (10/06/2021) SMc (10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



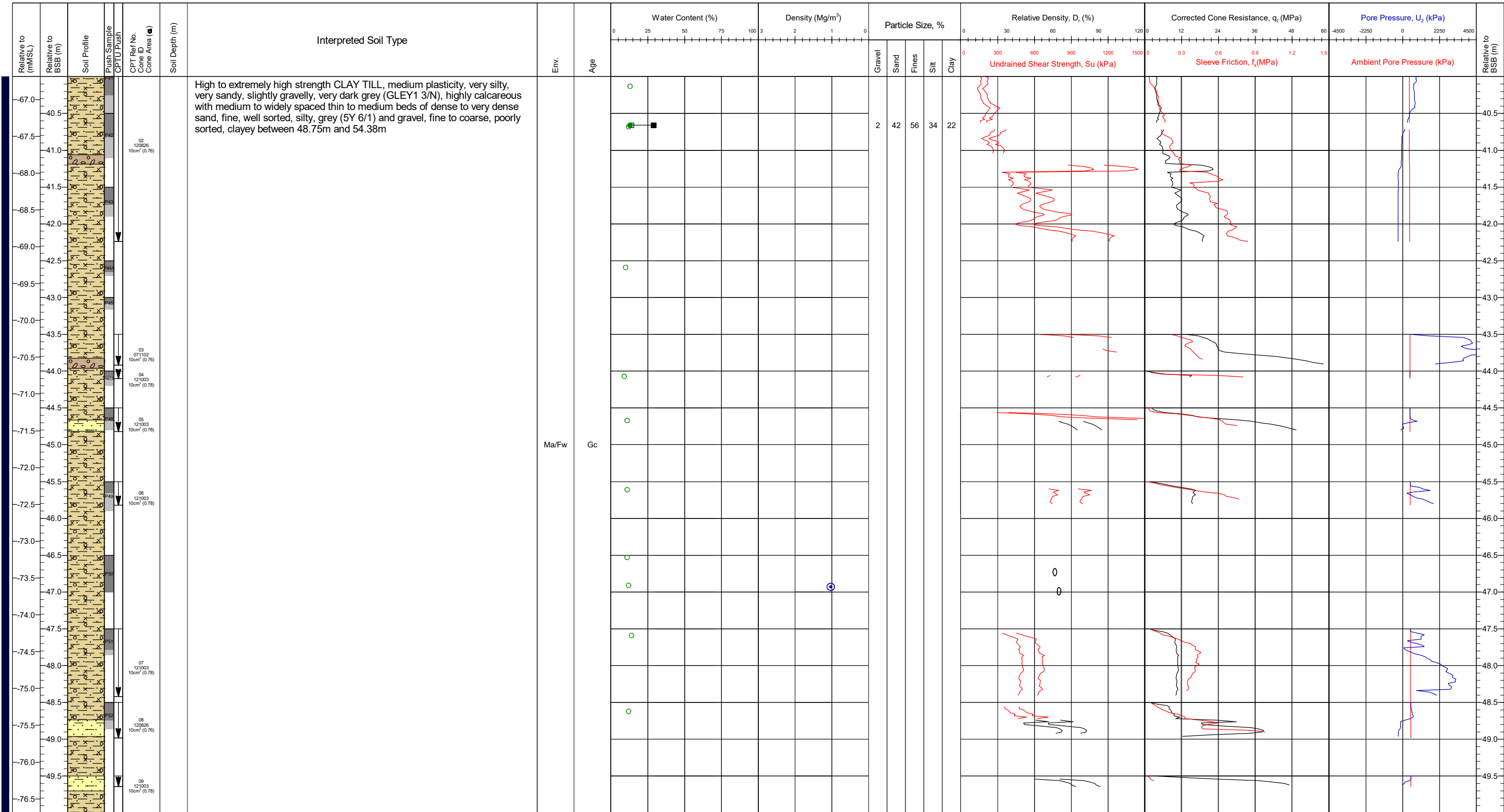
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	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	668193.1E 6258003.5N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB6-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7	Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)	27/05/2021 - 29/05/2021		JK/BC	DR	SMc	
Method	Wison	Final Borehole Depth	56.70m		(27/05/2021)	(10/06/2021)	(10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

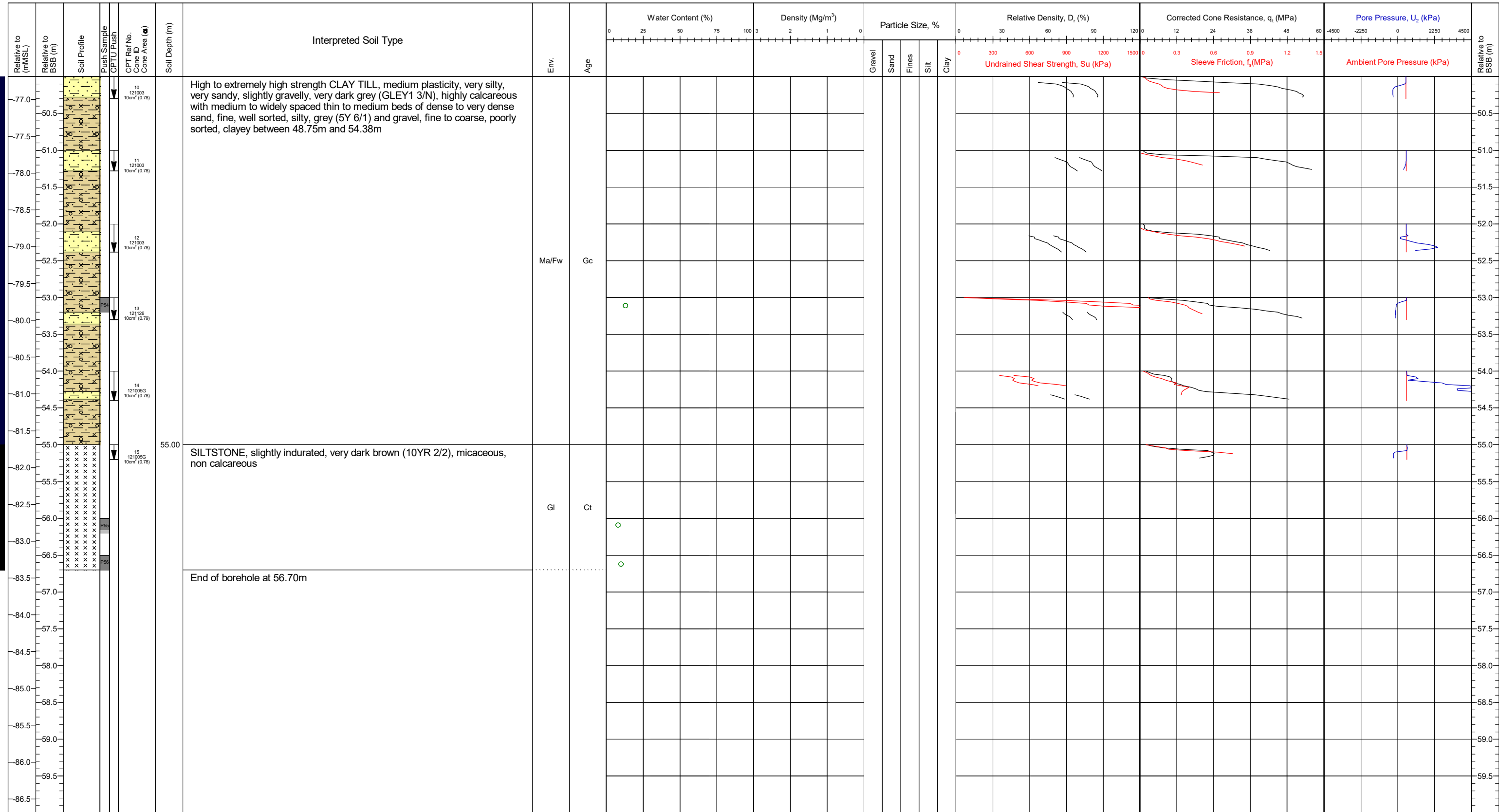
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	668193.1E 6258003.5N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.	Preliminary	Draft	Final	CB6-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7		JK/BC	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	27/05/2021 - 29/05/2021		(27/05/2021)	(10/06/2021)	(10/11/2021)	
Method	Wison	Final Borehole Depth	56.70m				Page: 5/6	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

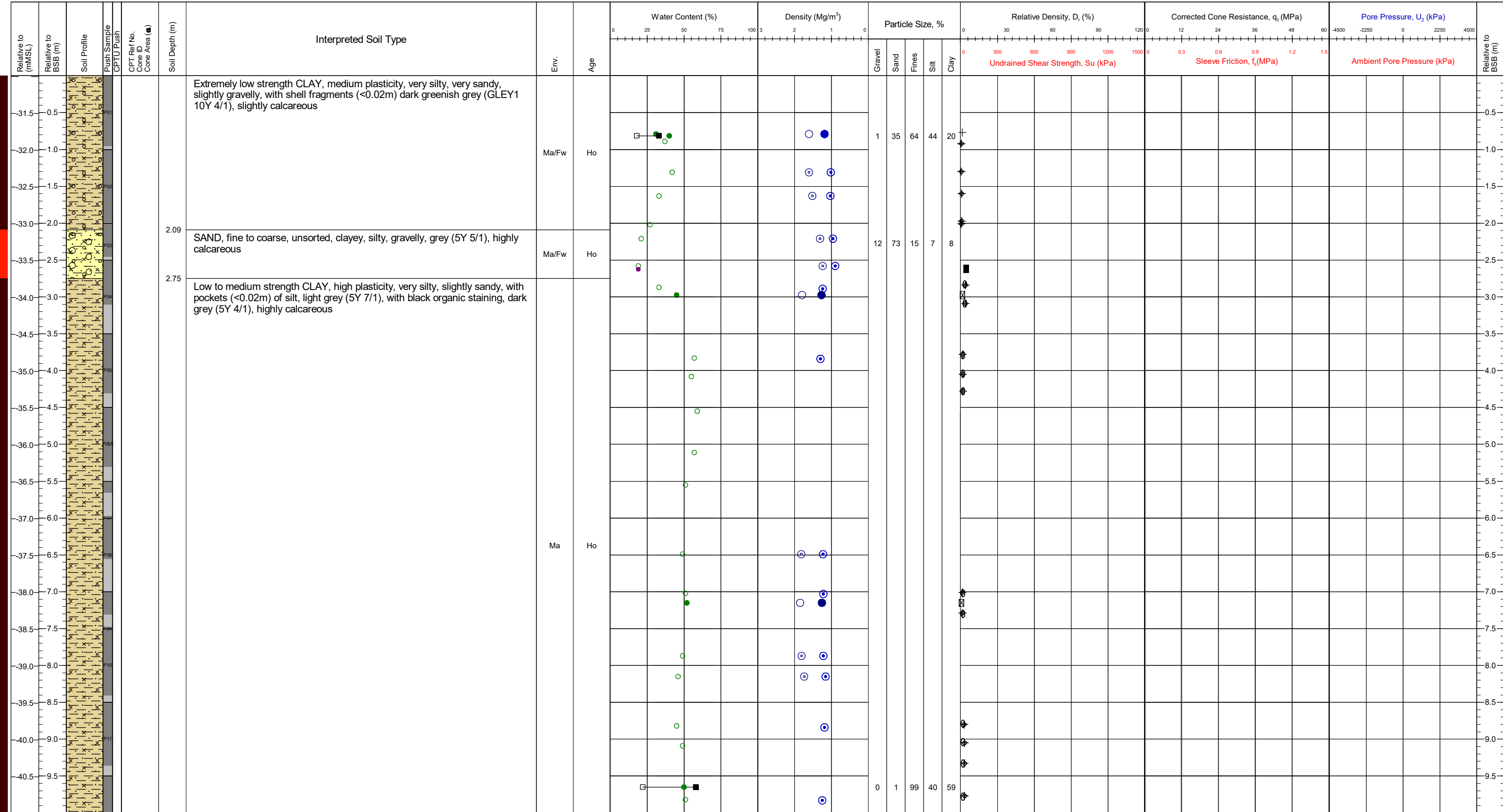
Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	668193.1E 6258003.5N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB6-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7					
Vessel	MV Ocean Vantage	Date of Test (Start-End)	27/05/2021 - 29/05/2021		JK/BC	DR	SMC	Page: 6/6
Method	Wilson	Final Borehole Depth	56.70m		(27/05/2021)	(10/06/2021)	(10/11/2021)	

Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



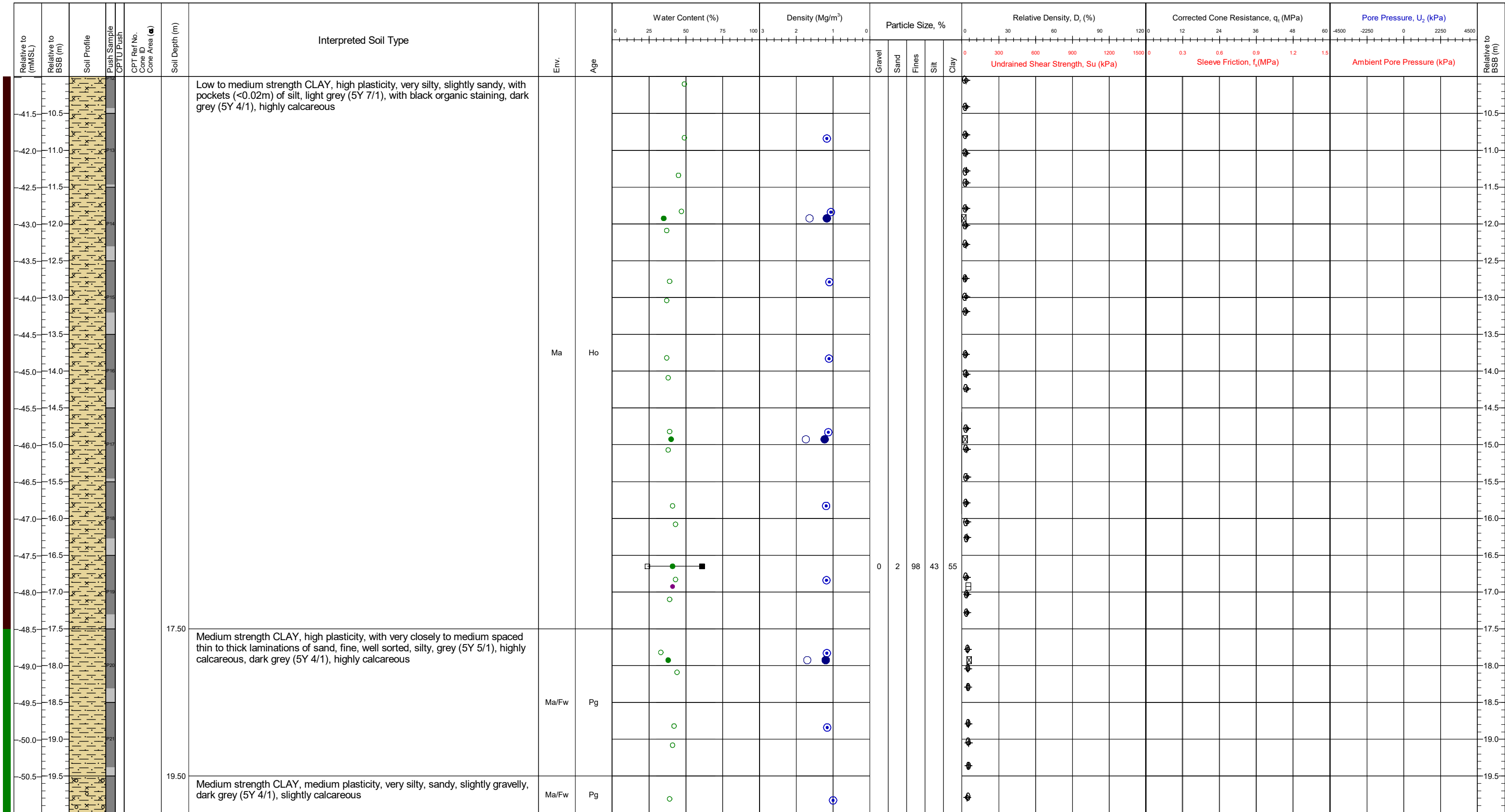
KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

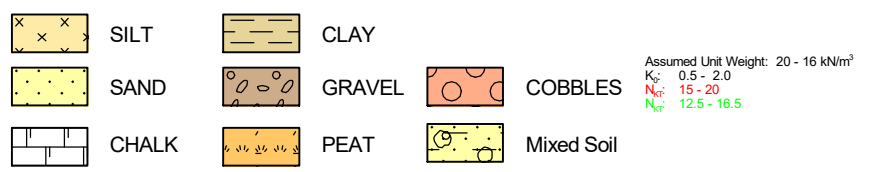
Assumed Unit Weight: 20 - 16 kN/m³
K_v: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673537.8E 6259626.9N	CRS: ETRS89
Contract	11596	Latitude / Longitude	64.32m	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	29/05/2021 - 30/05/2021	
Method	Wilson	Final Borehole Depth	64.32m	

Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.	QC Status			Location Name
	Preliminary	Draft	Final	
	JK/BC (29/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	



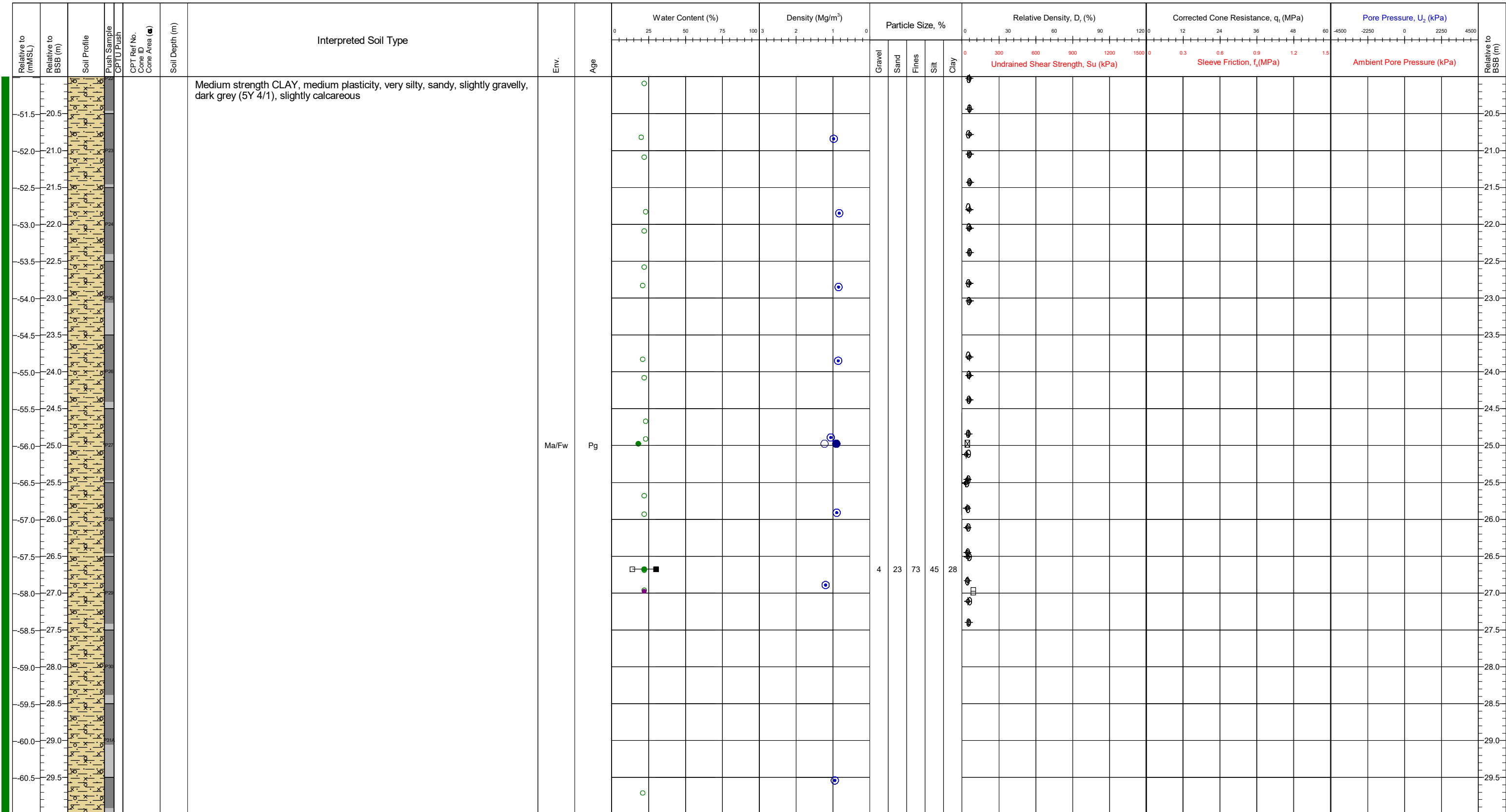
KEY TO SOIL PROFILE



Area	Kattegat Sea		Coordinates	673537.8E	6259626.9N	CRS: ETRS89	QC Status	Location Name		
Contract	11596		Latitude / Longitude			Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.	Preliminary	CB7-BH		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE		Water Depth (mMSL)	-31.0			Draft			
Vessel	MV Ocean Vantage		Date of Test (Start-End)	29/05/2021 - 30/05/2021			Final			
Method	Wison		Final Borehole Depth	64.32m						
							JK/BC (29/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 2/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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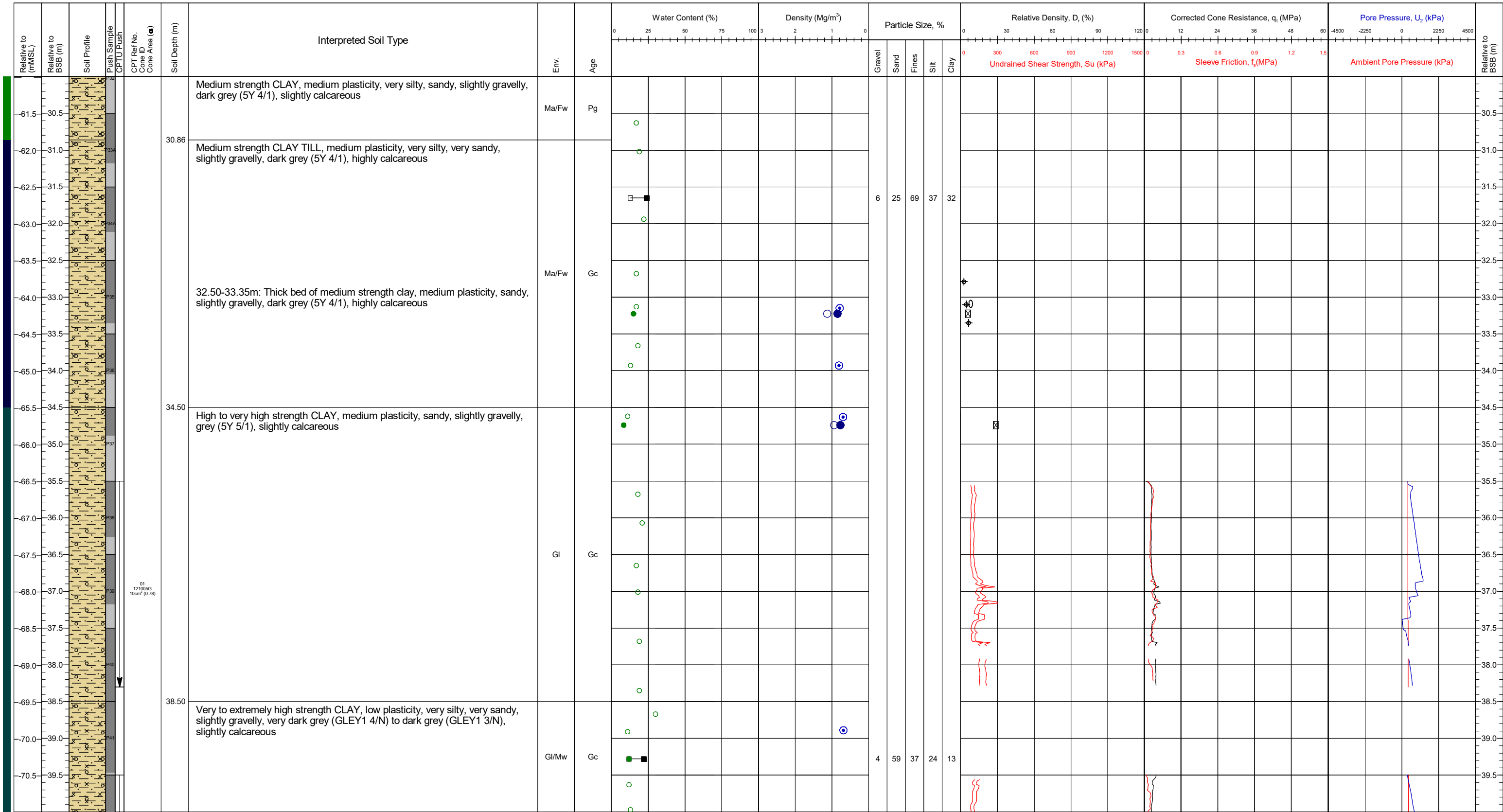
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673537.8E 6259626.9N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (29/05/2021) DR (10/06/2021) SMc (10/11/2021)	Location Name CB7-BH
Contract	11596	Latitude / Longitude		Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	29/05/2021 - 30/05/2021			
Method	Wilson	Final Borehole Depth	64.32m		Page: 3/7	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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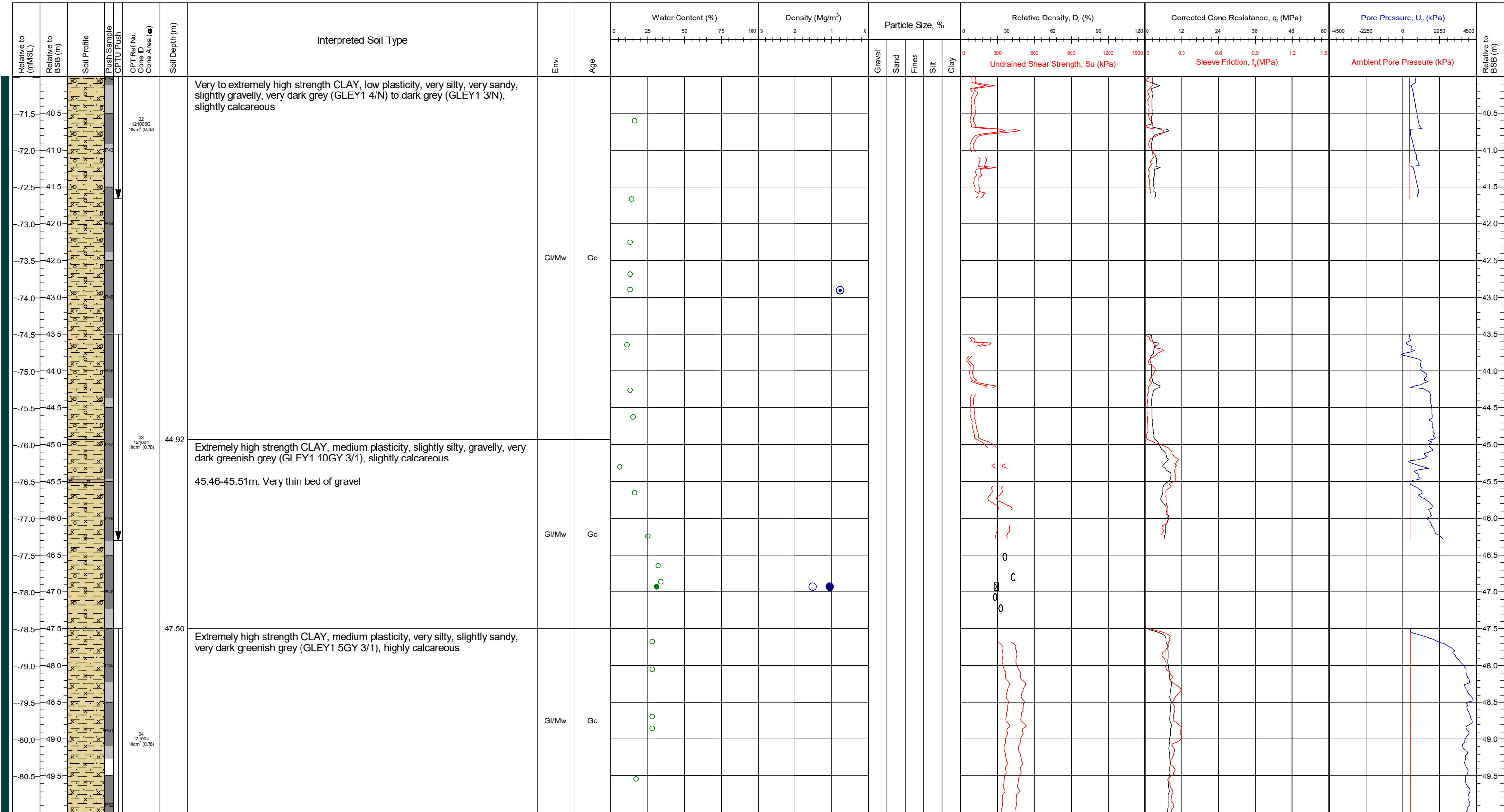
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_c: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673537.8E 6259626.9N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (29/05/2021) DR (10/06/2021) SMc (10/11/2021) Location Name CB7-BH
Contract	11596	Latitude / Longitude	Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0		
Vessel	MV Ocean Vantage	Date of Test (Start-End)	29/05/2021 - 30/05/2021		
Method	Wison	Final Borehole Depth	64.32m		Page: 4/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



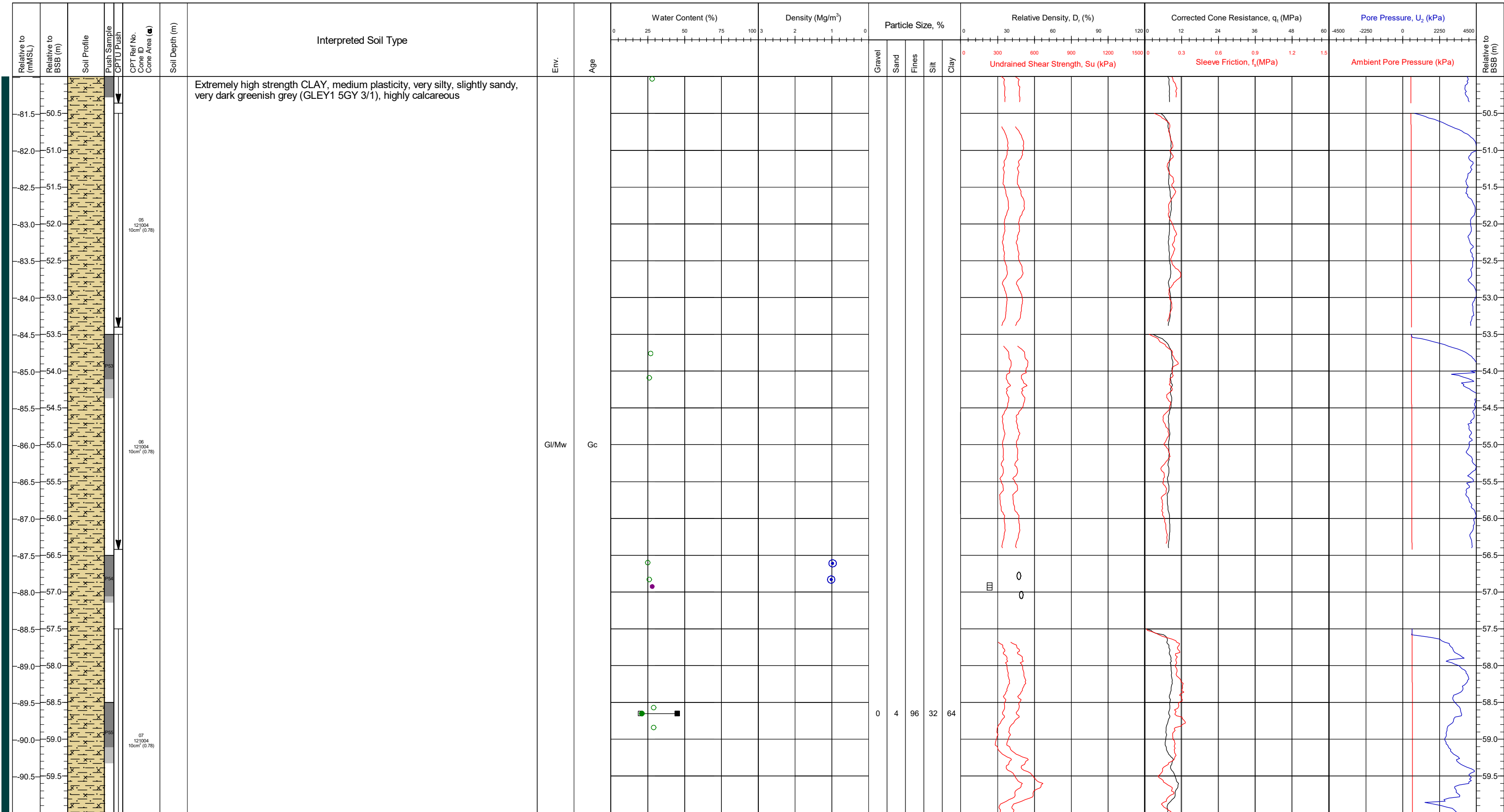
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	673537.8E 6259626.9N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB7-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0	Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)	29/05/2021 - 30/05/2021		JK/BC (29/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 5/7
Method	Wison	Final Borehole Depth	64.32m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



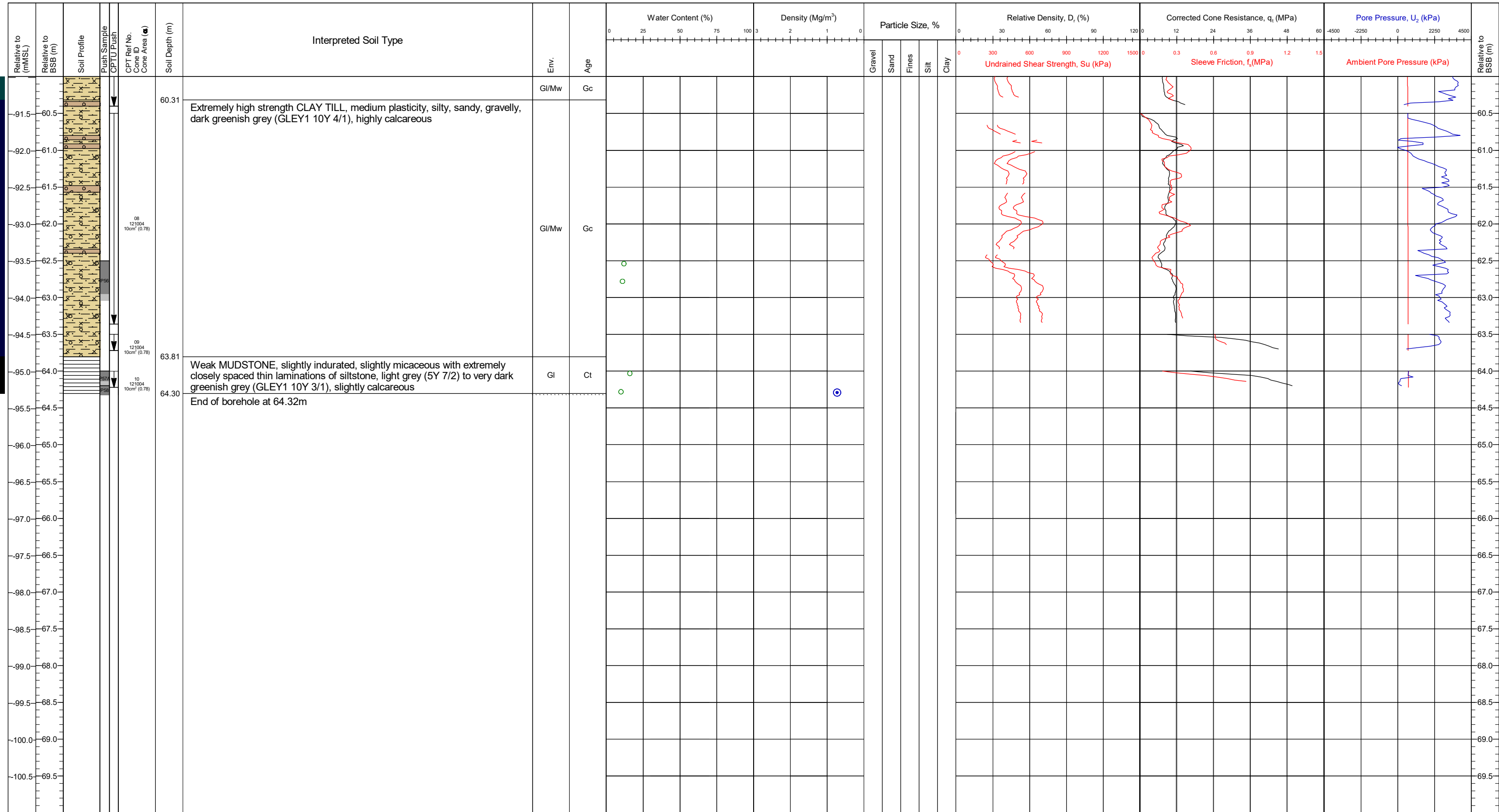
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	673537.8E 6259626.9N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.	Preliminary	Draft	Final	CB7-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0					
Vessel	MV Ocean Vantage	Date of Test (Start-End)	29/05/2021 - 30/05/2021					
Method	Wison	Final Borehole Depth	64.32m					
					JK/BC (29/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 6/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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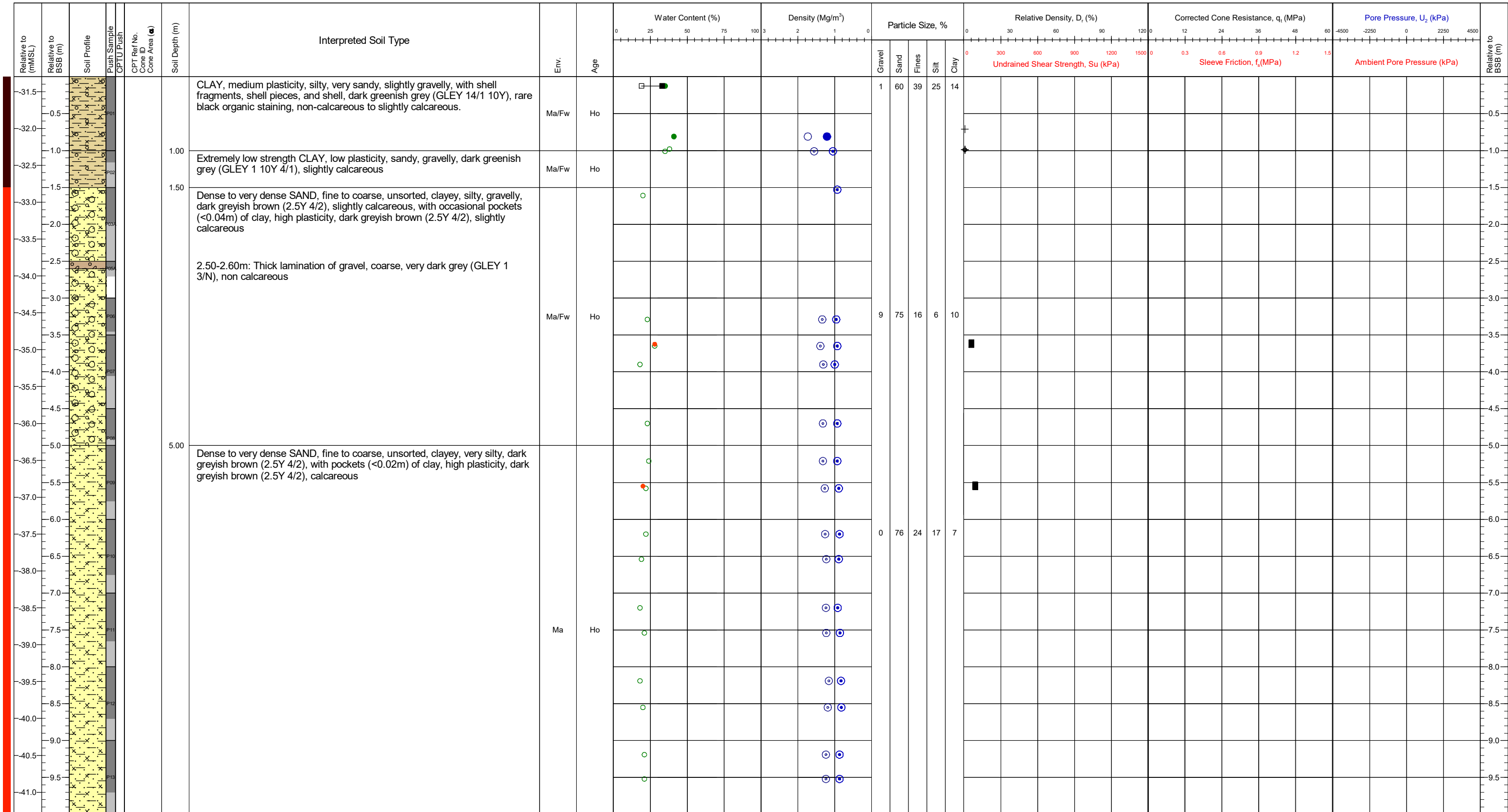
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673537.8E 6259626.9N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB7-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0	Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)	29/05/2021 - 30/05/2021		JK/BC (29/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	Wilson	Final Borehole Depth	64.32m					Page: 7/7

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BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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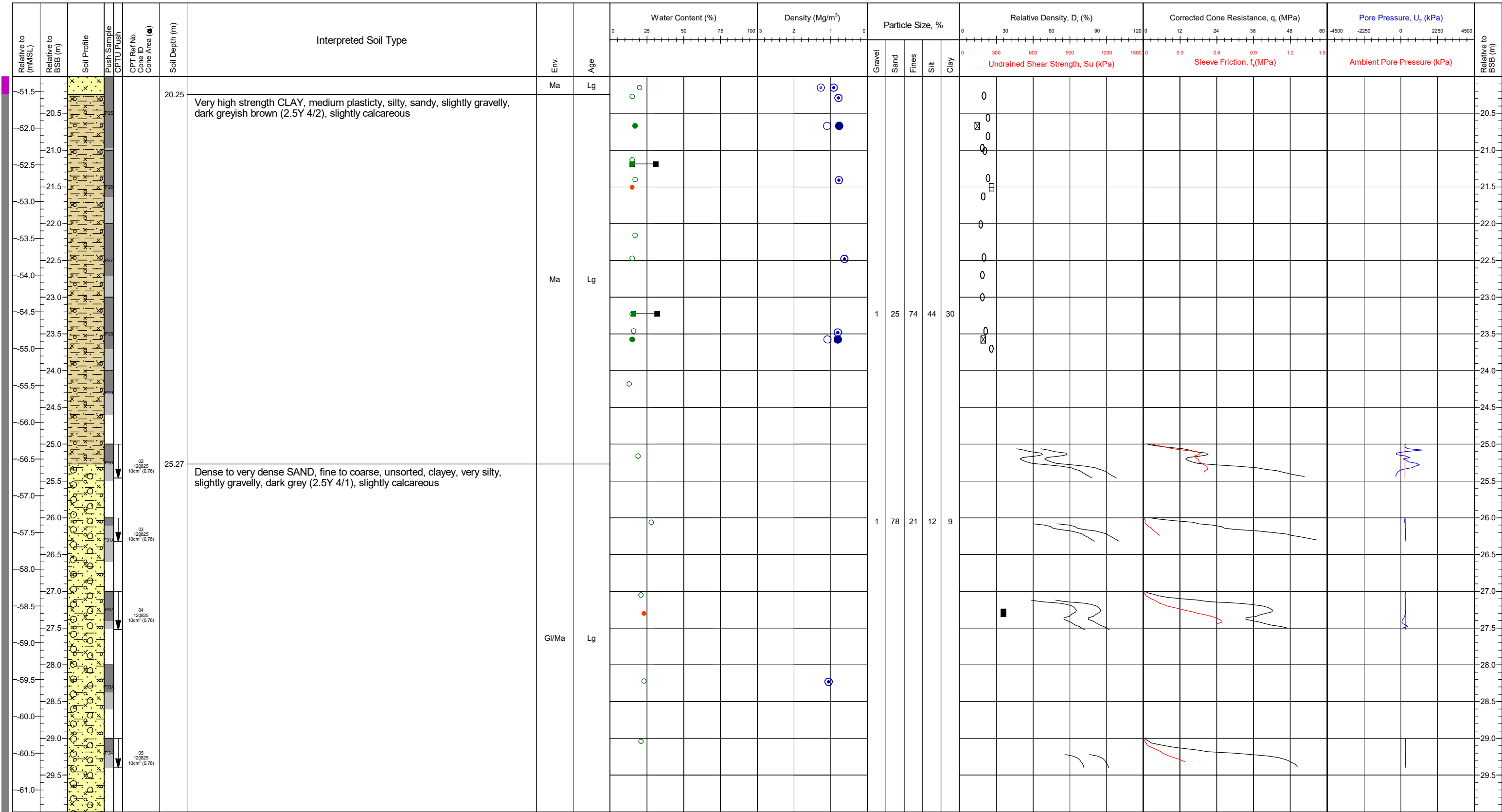
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[Symbol]	CHALK	[Symbol]	PEAT
[Symbol]		[Symbol]	Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	679824.2E 6248913.9N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (20/05/2021) DR (10/06/2021) SMC (10/11/2021)	Location Name CB8-BH
Contract	11596	Latitude / Longitude		Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wison CPT and push sampling methods.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.3			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	18/05/2021 - 20/05/2021			
Method	Wison	Final Borehole Depth	70.10m			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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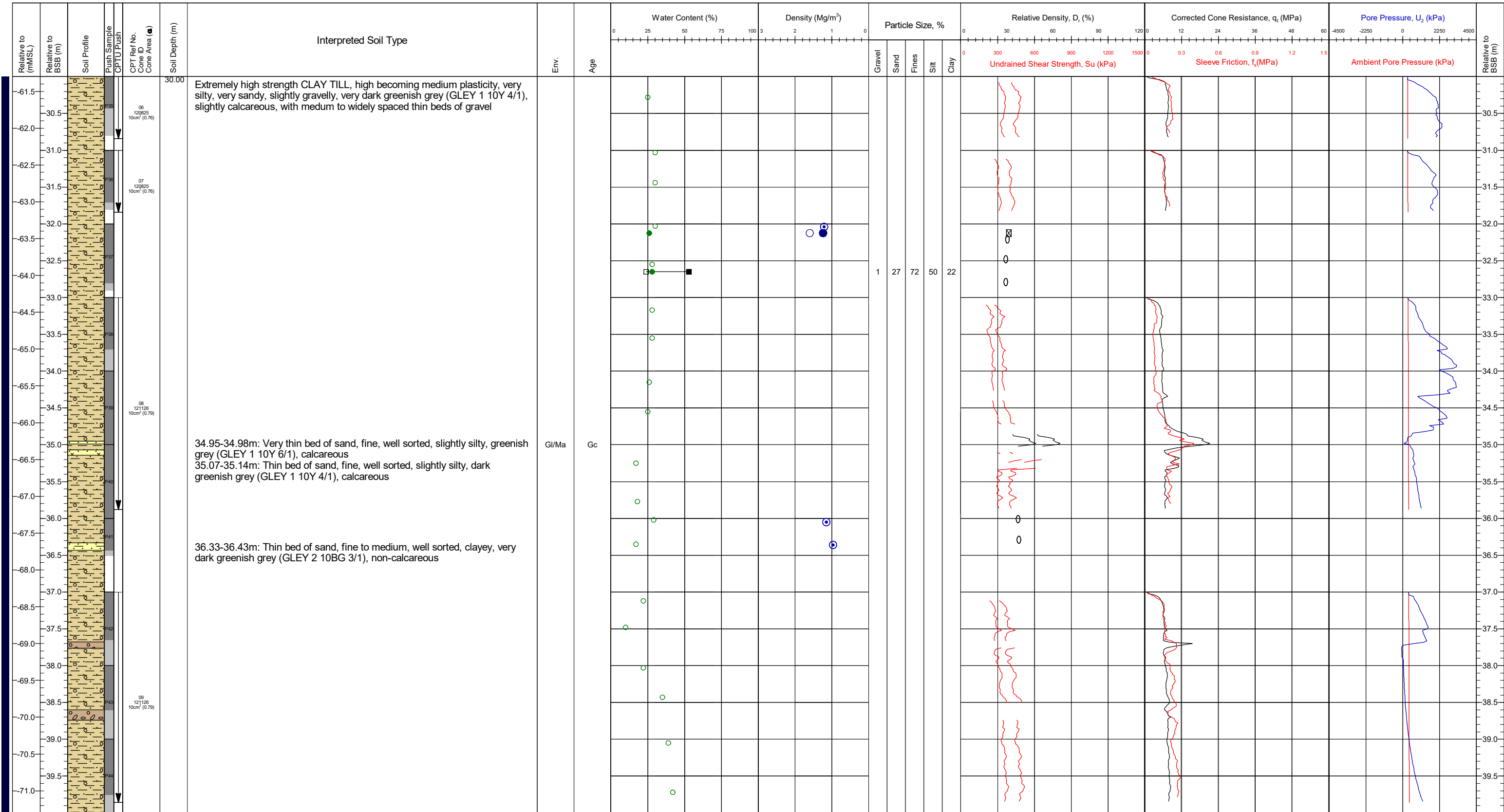
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	679824.2E 6248913.9N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	CB8-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.3					
Vessel	MV Ocean Vantage	Date of Test (Start-End)	18/05/2021 - 20/05/2021		JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	Wison	Final Borehole Depth	70.10m					Page: 3/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



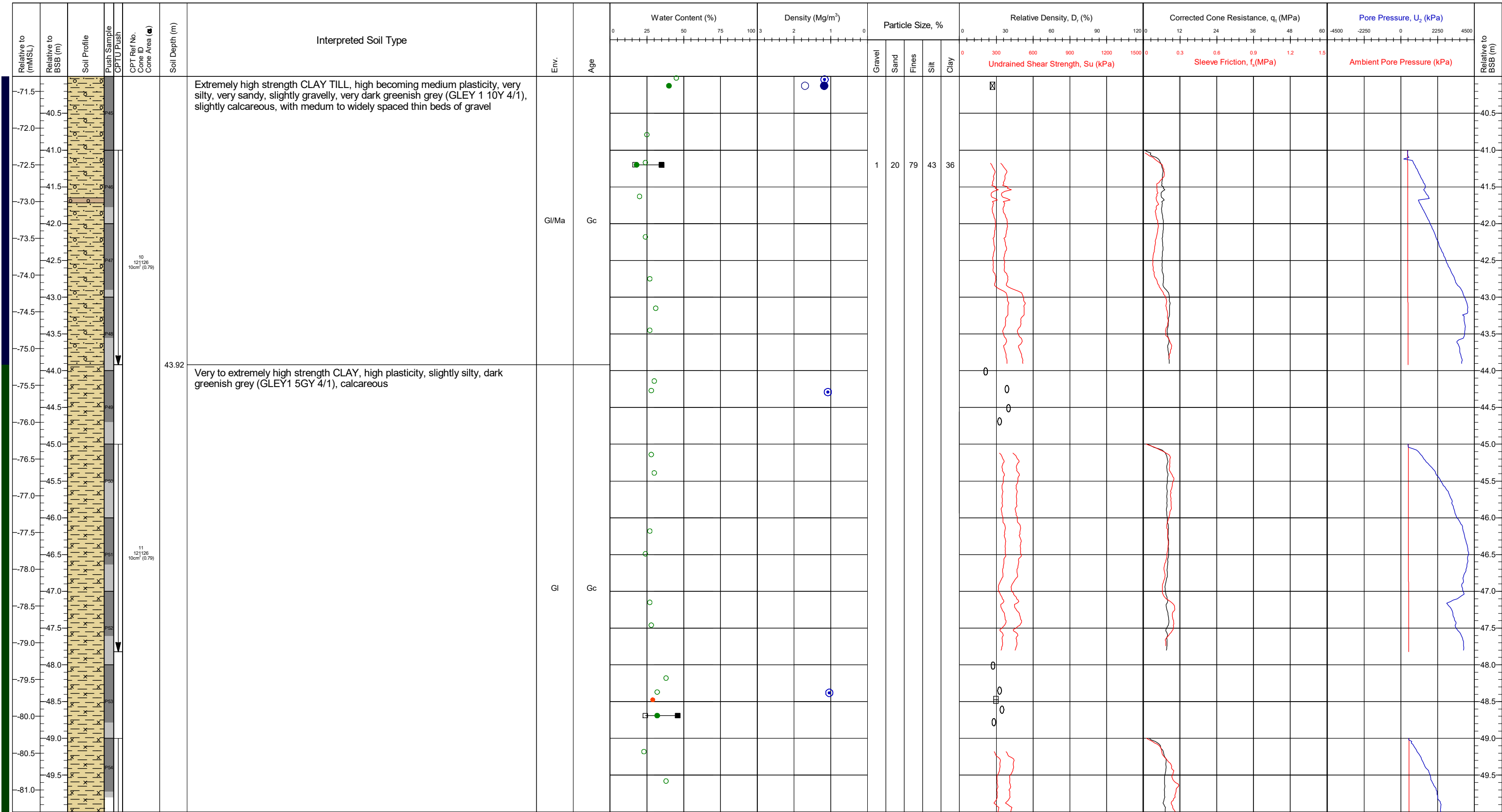
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	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	679824.2E 6248913.9N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	CB8-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.3		JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	18/05/2021 - 20/05/2021					
Method	Wison	Final Borehole Depth	70.10m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



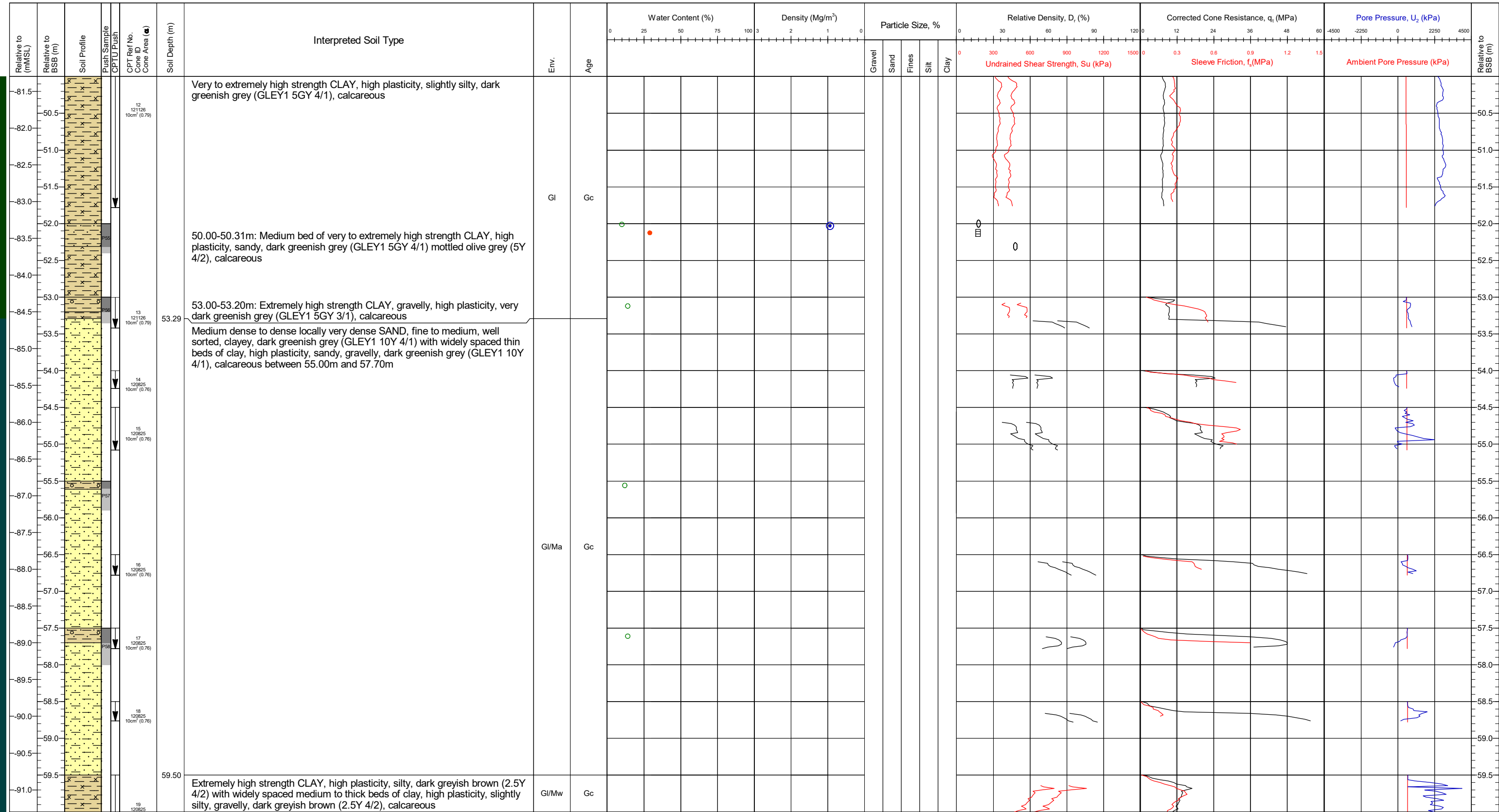
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	679824.2E 6248913.9N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.3	Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)	18/05/2021 - 20/05/2021		JK/BC	DR	SMc
Method	Wison	Final Borehole Depth	70.10m		(20/05/2021)	(10/06/2021)	(10/11/2021)

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



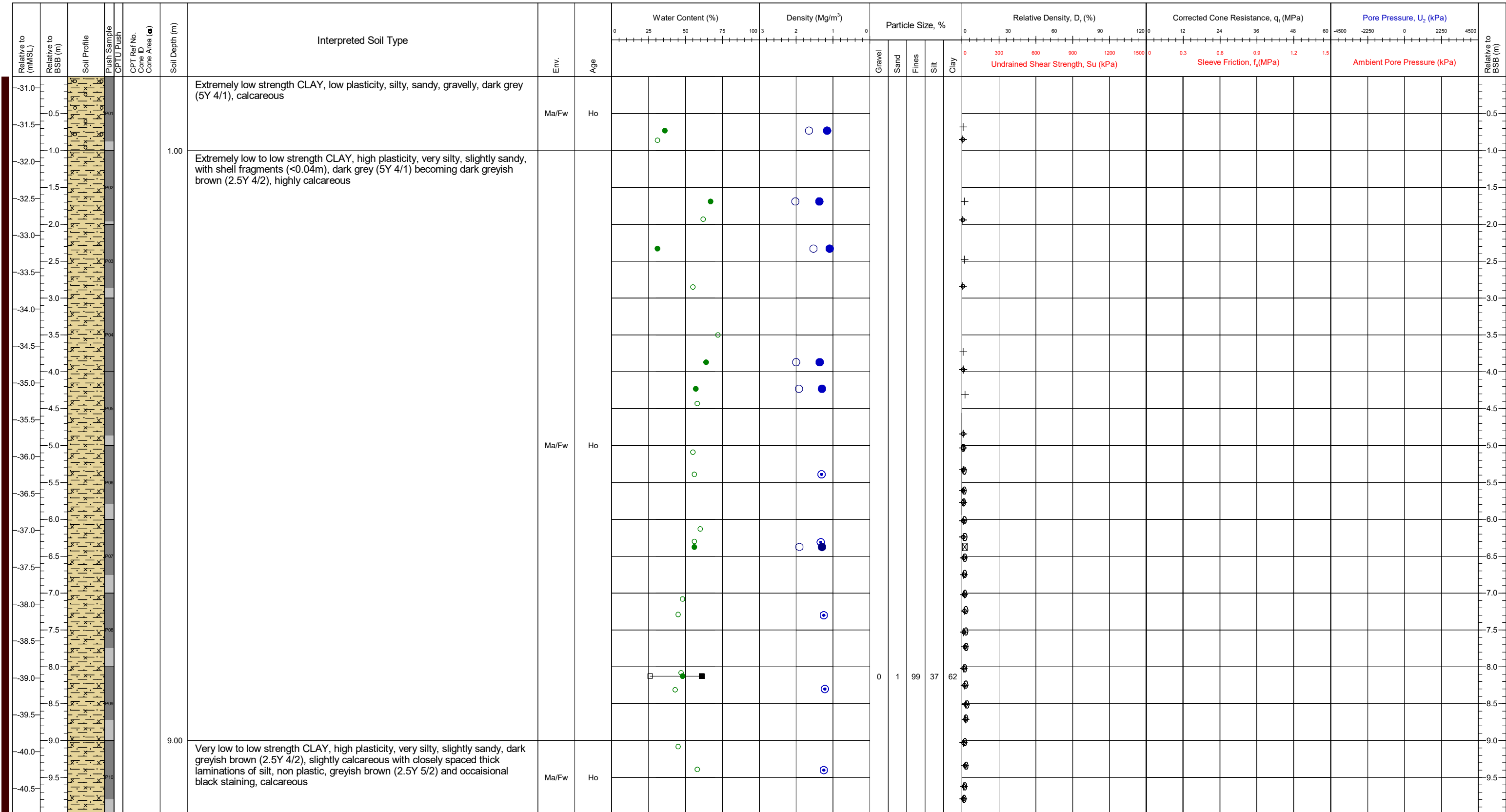
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
			COBBLES	
			Mixed Soil	

Area	Kattegat Sea	Coordinates	679824.2E 6248913.9N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Name CB8-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.3	Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wison CPT and push sampling methods.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)	18/05/2021 - 20/05/2021	JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	Wison	Final Borehole Depth	70.10m	Page: 6/8		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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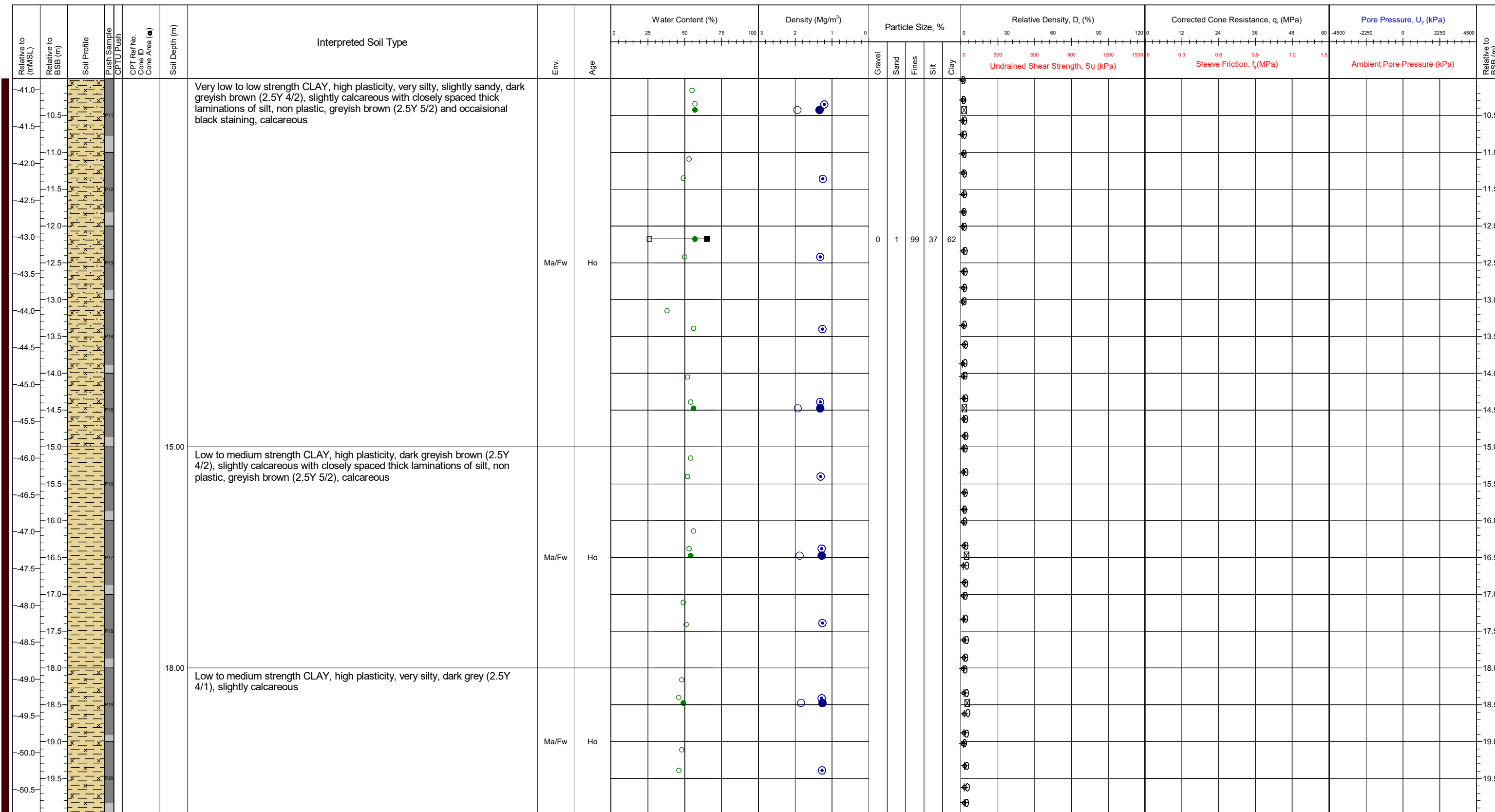
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
K_v: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677391.0E 6276213.6N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9		Preliminary	Draft
Vessel	MV Ocean Vantage	Date of Test (Start-End)	03/06/2021 - 04/06/2021		JK/BC	DR
Method	Wison	Final Borehole Depth	70.50m		(03/06/2021)	(10/06/2021)
					SMc	(10/11/2021)
						Page: 1/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

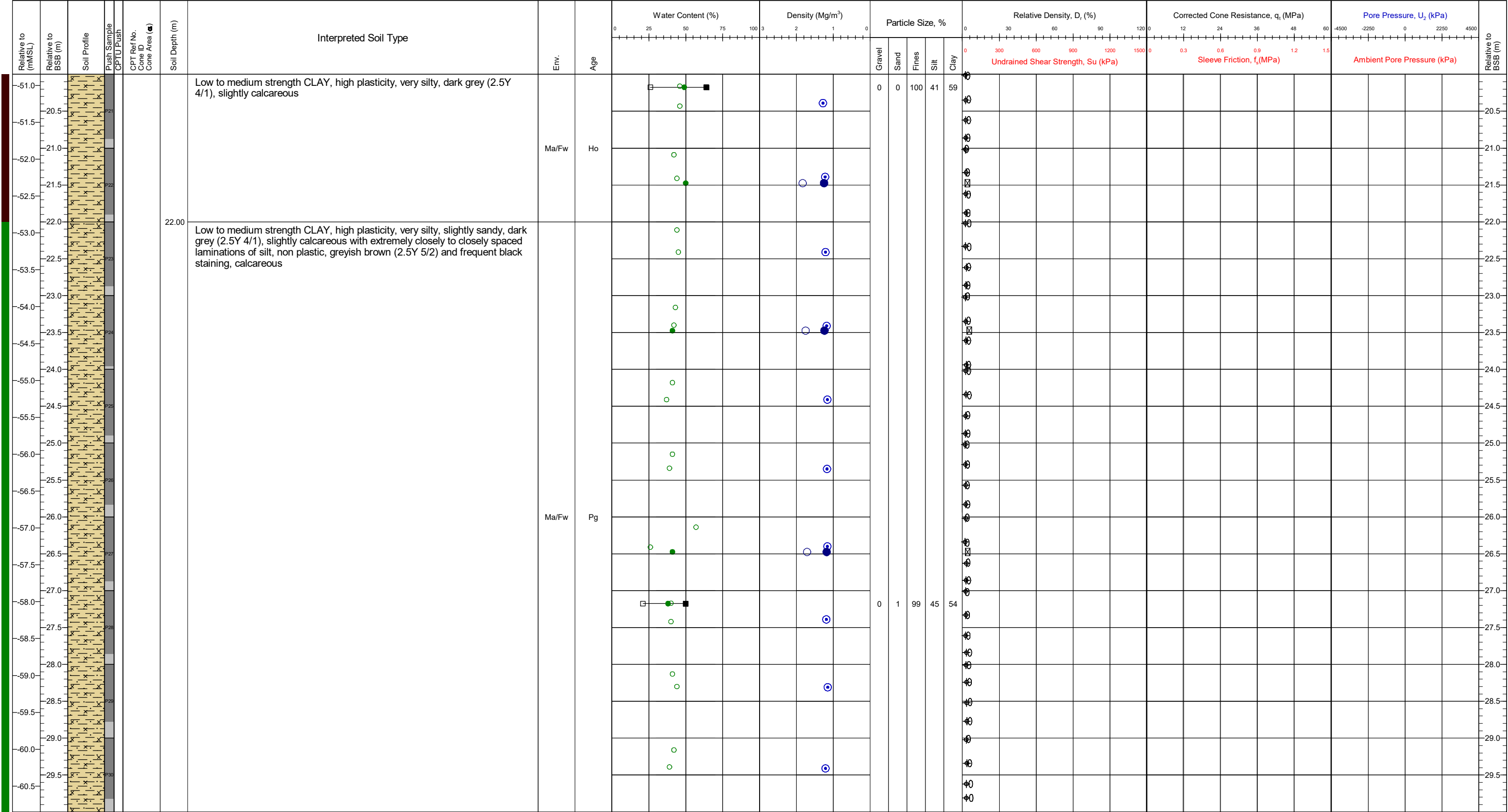
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677391.0E 6276213.6N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods	Preliminary	Draft	Final	CB9-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9					
Vessel	MV Ocean Vantage	Date of Test (Start-End)	03/06/2021 - 04/06/2021		JK/BC (03/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	Wison	Final Borehole Depth	70.50m					Page: 2/8

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BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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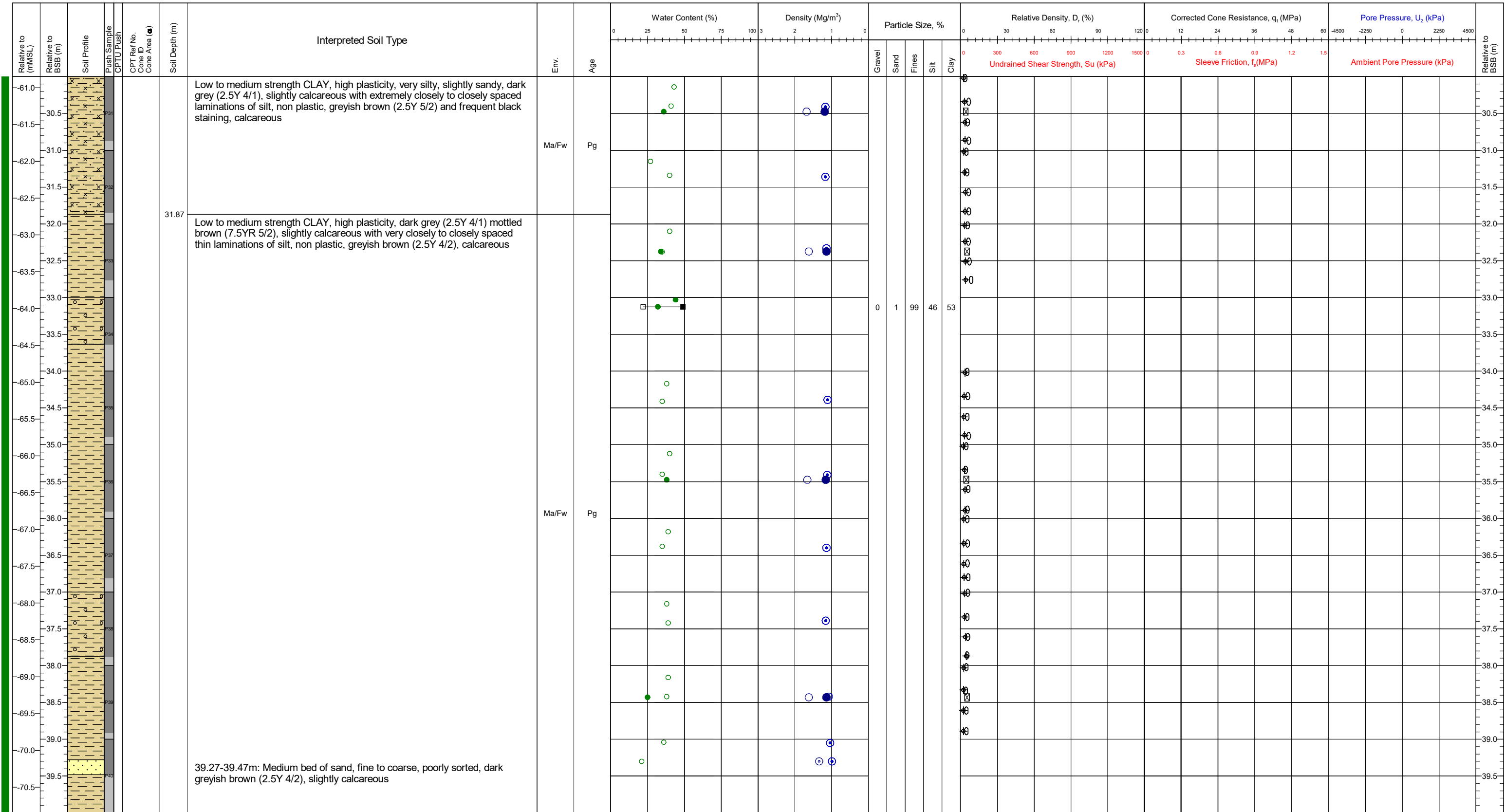
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
K_v: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677391.0E 6276213.6N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9	Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods		
Vessel	MV Ocean Vantage	Date of Test (Start-End)	03/06/2021 - 04/06/2021	JK/BC (03/06/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	Wison	Final Borehole Depth	70.50m			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



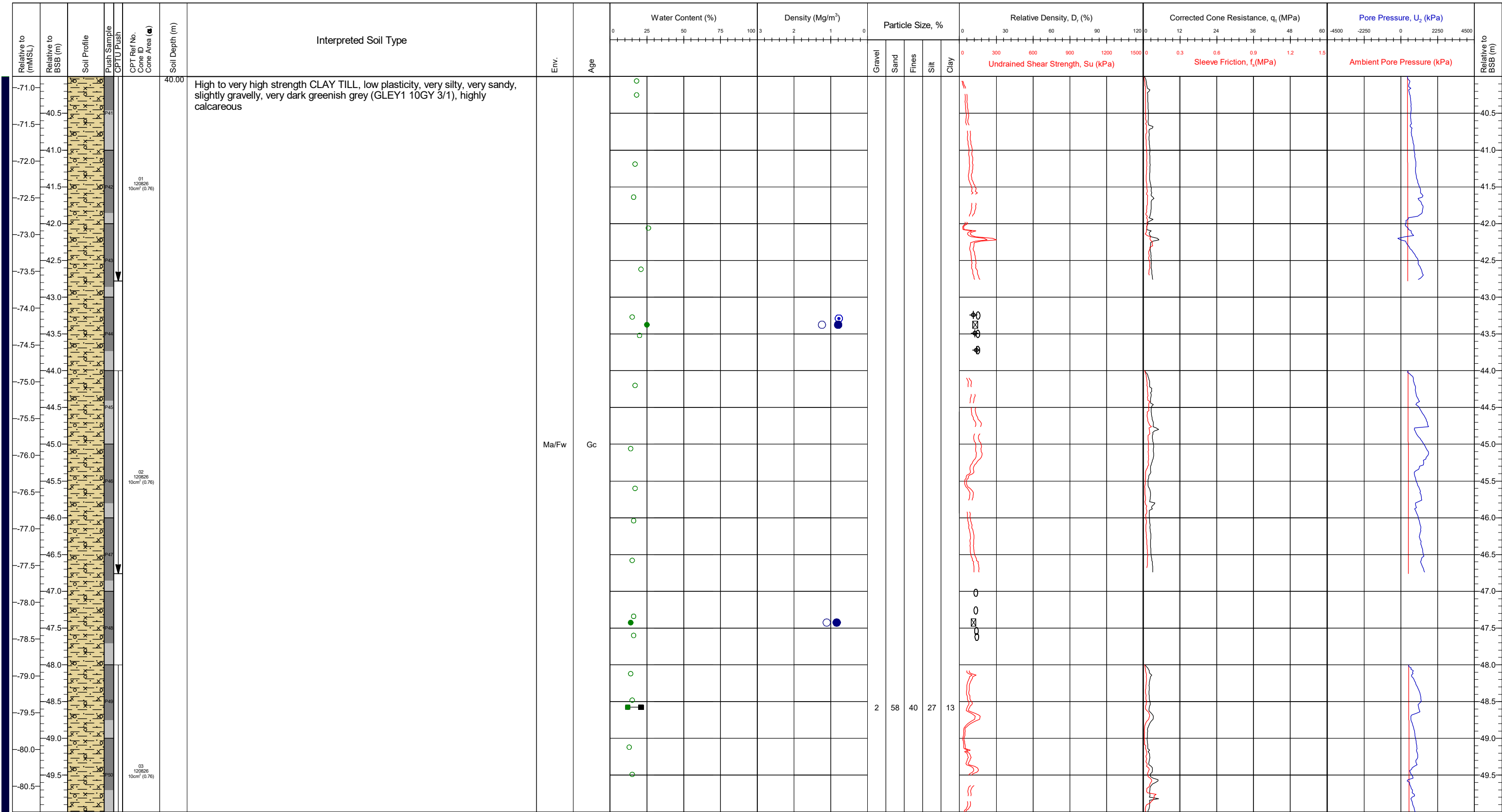
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K_s : 0.5 - 2.0 N_{cr} : 15 - 20 N_{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	677391.0E 6276213.6N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (03/06/2021) DR (10/06/2021) SMC (10/11/2021)	Location Name CB9-BH
Contract	11596	Latitude / Longitude		Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	03/06/2021 - 04/06/2021			
Method	Wison	Final Borehole Depth	70.50m			Page: 4/8

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BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

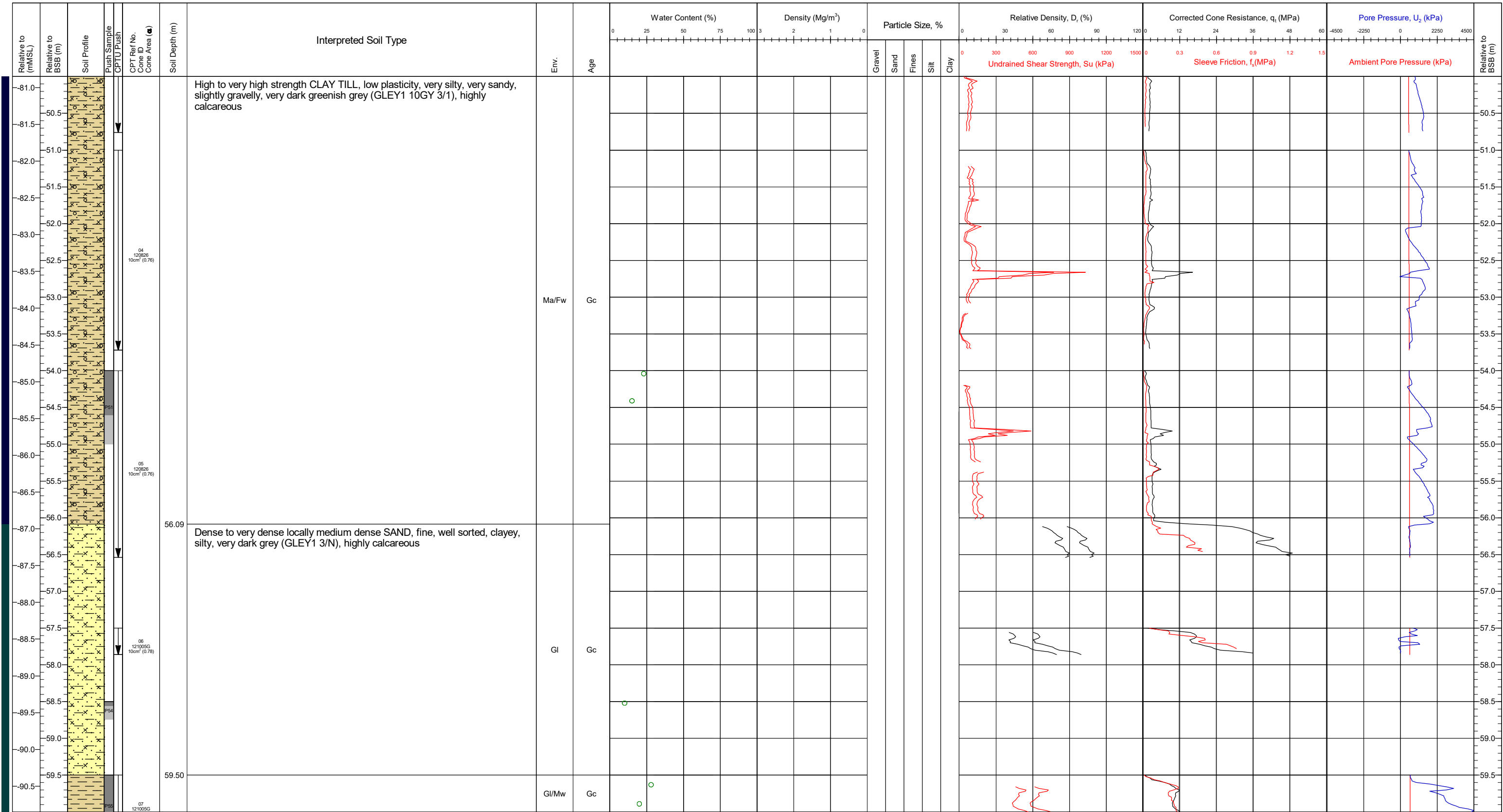
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_c : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677391.0E 6276213.6N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9		Preliminary	Draft
Vessel	MV Ocean Vantage	Date of Test (Start-End)	03/06/2021 - 04/06/2021		JK/BC (03/06/2021)	DR (10/06/2021)
Method	Wison	Final Borehole Depth	70.50m		SMc (10/11/2021)	Final
						CB9-BH
						Page: 5/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

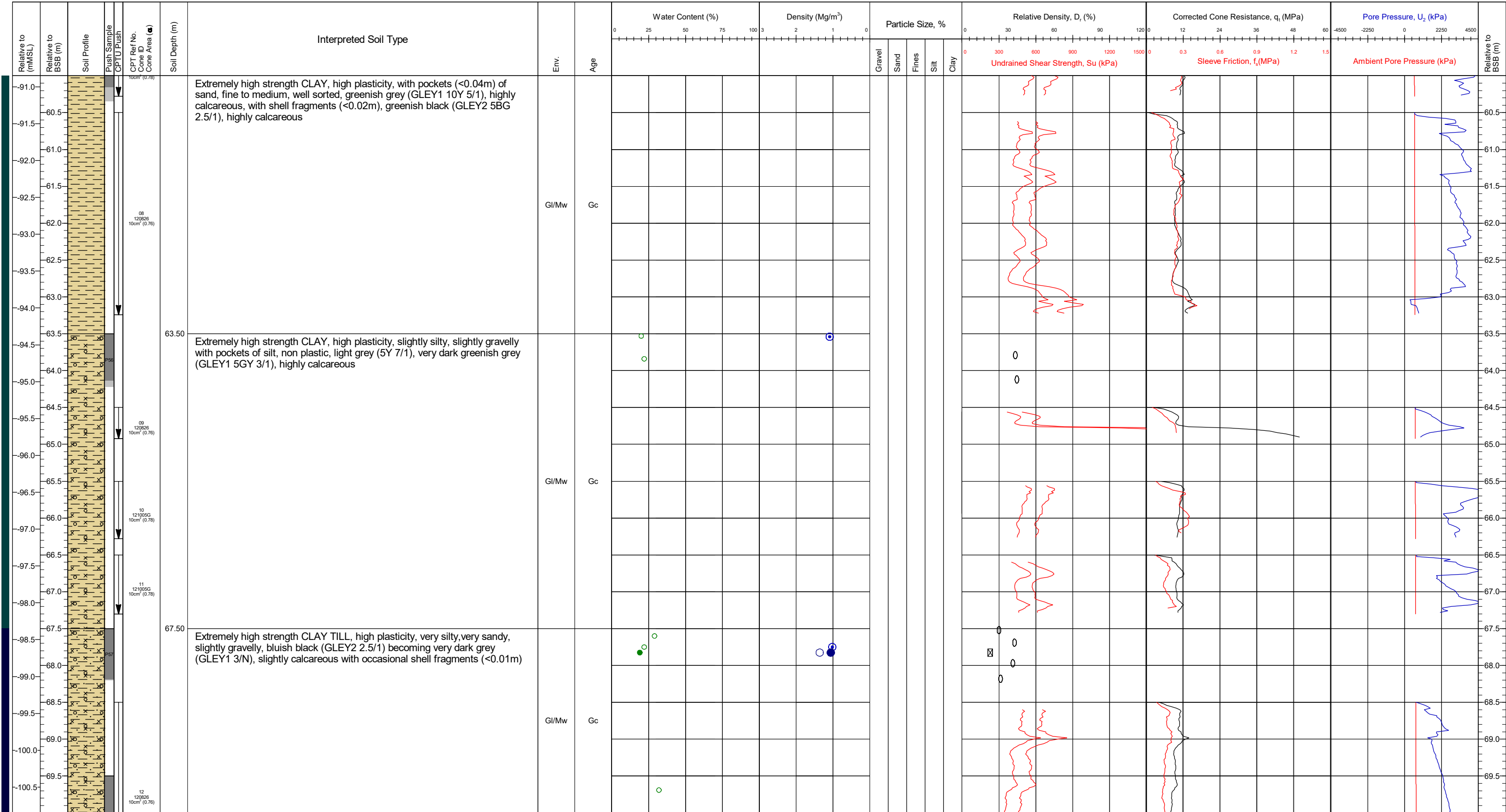
Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677391.0E 6276213.6N	CRS: ETRS89	QC Status			Location Name CB9-BH
Contract	11596	Latitude / Longitude		Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9	JK/BC (03/06/2021) DR (10/06/2021) SMc (10/11/2021)				
Vessel	MV Ocean Vantage	Date of Test (Start-End)	03/06/2021 - 04/06/2021	Page: 6/8				
Method	Wison	Final Borehole Depth	70.50m					



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE		Area	Coordinates		CRS: ETRS89	QC Status			Location Name
	SILT		Kattegat Sea	677391.0E	6276213.6N	Preliminary	Draft	Final	CB9-BH
	SAND		Contract	11596	Latitude / Longitude	Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods	Page: 7/8		
	CHALK		Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)		JK/BC (03/06/2021)	DR (10/06/2021)	SMC (10/11/2021)
	Mixed Soil		Vessel	MV Ocean Vantage	Date of Test (Start-End)				
			Method	Wison	Final Borehole Depth		70.50m		

Preliminary Investigation, Hesselø OWF

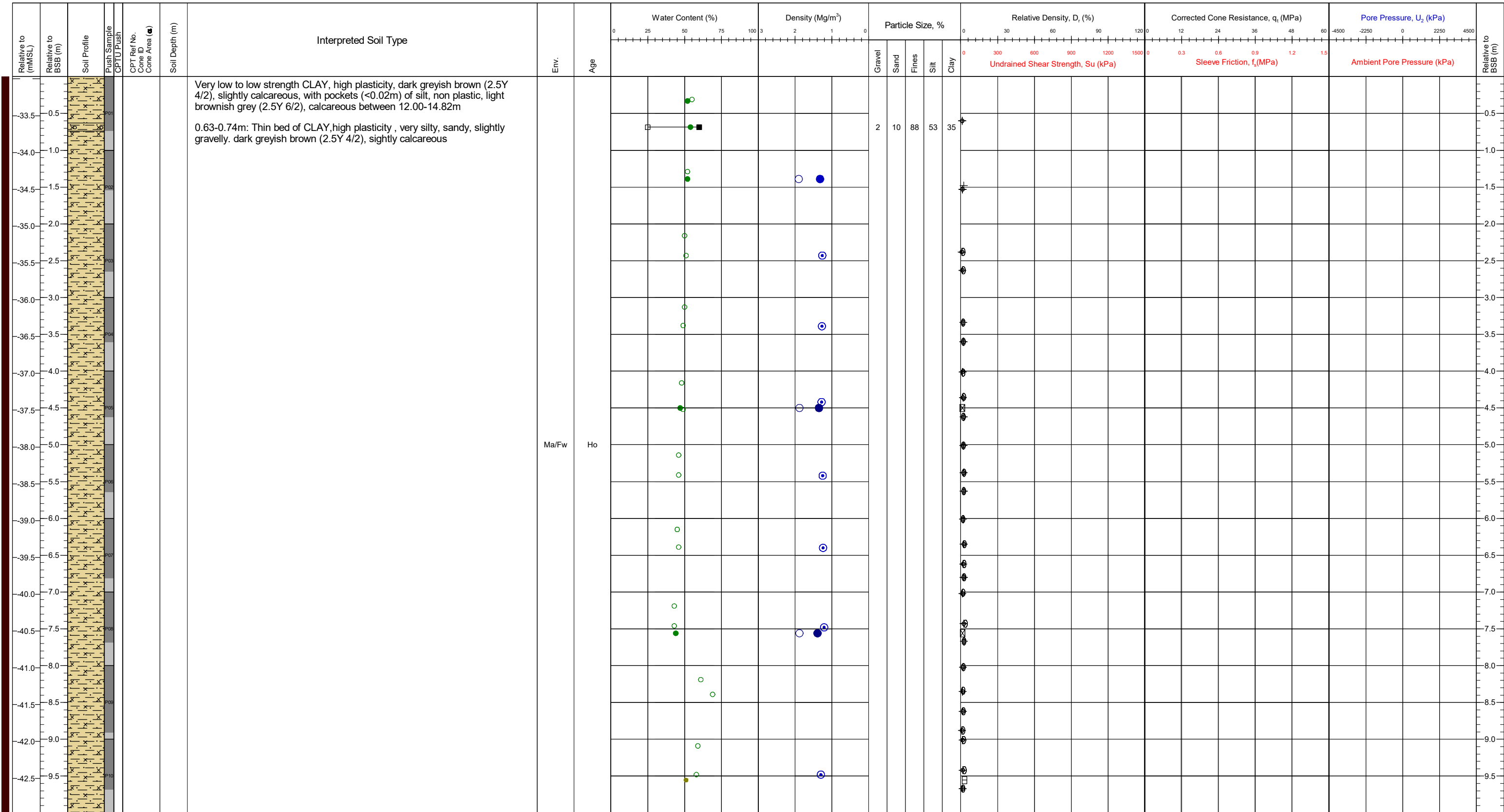
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Push Sample CPTU Push	CPT Ref No. Cone ID Cone Area (m²)	Soil Depth (m)	Interpreted Soil Type	Env.	Age	Particle Size, %					Relative Density, D _r (%)		Corrected Cone Resistance, q _t (MPa)		Pore Pressure, U _z (kPa)	
									Gravel	Sand	Fines	Silt	Clay	Undrained Shear Strength, S _u (kPa)	Sleeve Friction, f _s (MPa)	Ambient Pore Pressure (kPa)			
-101.0						Extremely high strength CLAY TILL, high plasticity, very silty, very sandy, slightly gravelly, bluish black (GLEY2 2.5/1) becoming very dark grey (GLEY1 3/N), slightly calcareous with occasional shell fragments (<0.01m) End of borehole at 70.29m			1	20	79	51	28						
-101.5																			
-102.0																			
-102.5																			
-103.0																			
-103.5																			
-104.0																			
-104.5																			
-105.0																			
-105.5																			
-106.0																			
-106.5																			
-107.0																			
-107.5																			
-108.0																			
-108.5																			
-109.0																			
-109.5																			
-110.0																			
-110.5																			

KEY TO SOIL PROFILE			Area		Coordinates		CRS: ETRS89		QC Status			Location Name	
	SILT		CLAY	Kattegat Sea	677391.0E	6276213.6N	Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods		Preliminary	Draft	Final	CB9-BH	
	SAND		GRAVEL	11596	Latitude / Longitude								
	COBBLES		CHALK	Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)		-30.9					
	Mixed Soil		PEAT	Vessel	MV Ocean Vantage	Date of Test (Start-End)		03/06/2021 - 04/06/2021		JK/BC	DR	SMc	
				Method	Wison	Final Borehole Depth		70.50m		(03/06/2021)	(10/06/2021)	(10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

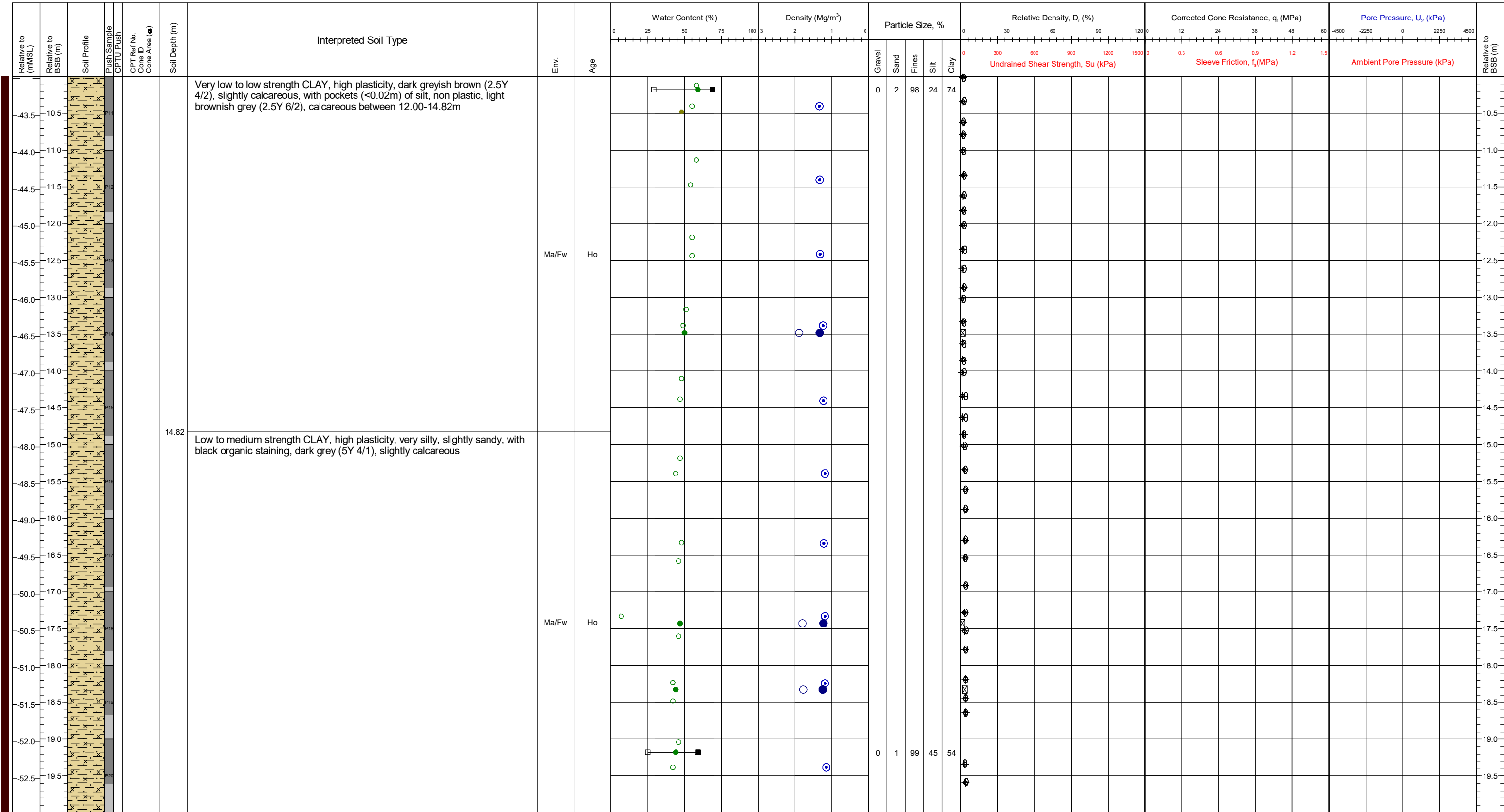
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: kN/m³

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status			Location Name CB10-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0	Comments: Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Drillers note - the borehole was terminated due to a hard layer/boulder being encountered and drilling could not proceed.				
Vessel	MV Ocean Vantage	Date of Test	31/05/2021					
Method	Wilson	Final Borehole Depth	29.70m		JK/BC (31/05/2021)	DR (10/06/2021)	SMC (10/11/2021)	Page: 1/3

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

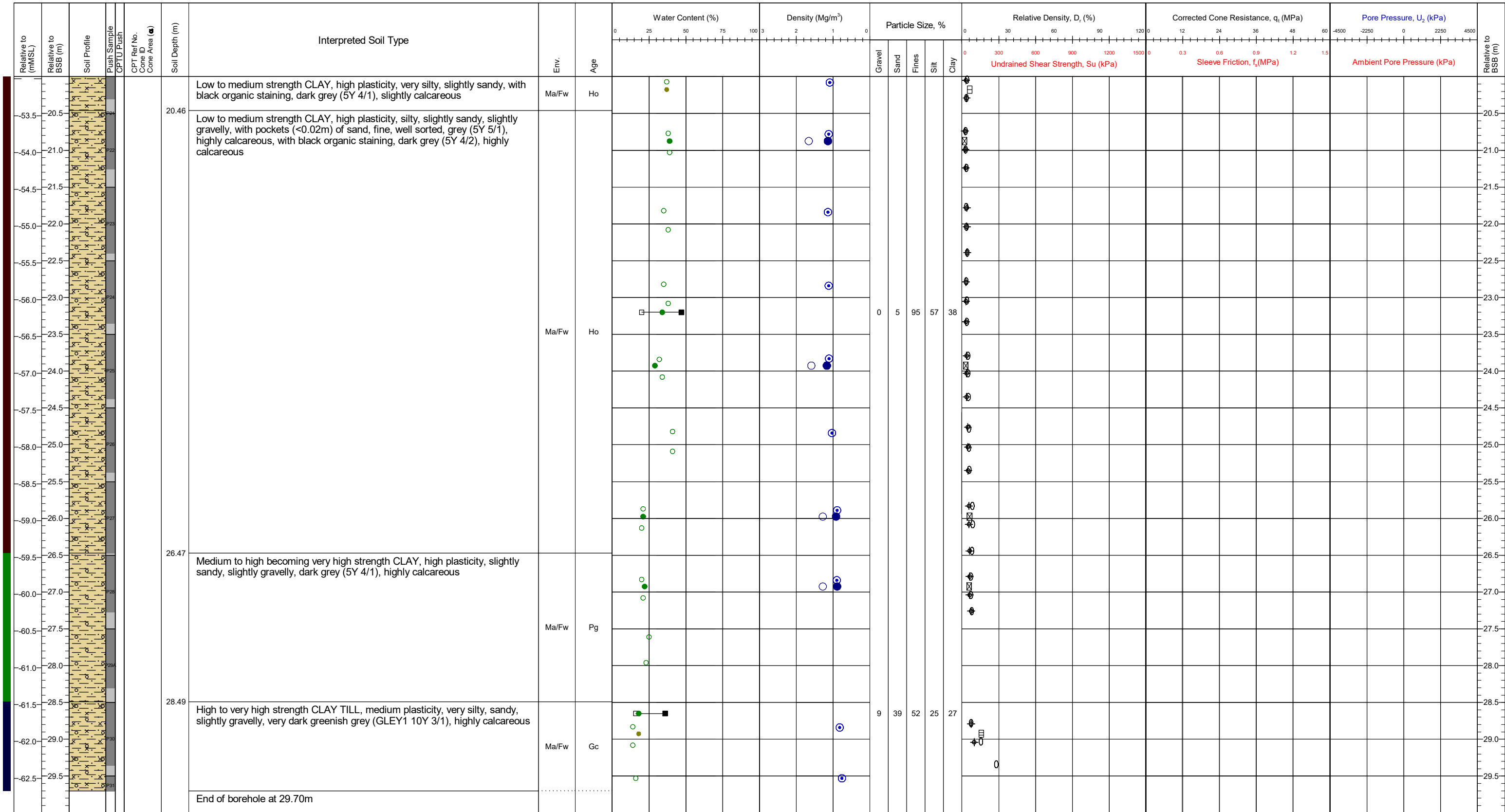
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: kN/m³

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status			Location Name CB10-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0	Comments: Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Drillers note - the borehole was terminated due to a hard layer/boulder being encountered and drilling could not proceed.	JK/BC (31/05/2021)	DR (10/06/2021)	SMC (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test	31/05/2021					
Method	Wilson	Final Borehole Depth	29.70m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: kN/m³
K_c -

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude		Comments: Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Drillers note - the borehole was terminated due to a hard layer/boulder being encountered and drilling could not proceed.	Preliminary	CB10-BH	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0		Draft		
Vessel	MV Ocean Vantage	Date of Test	31/05/2021		Final		
Method	Wilson	Final Borehole Depth	29.70m				
					JK/BC (31/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
					Page: 3/3		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Push Sample CPTU Push	CPT Ref No. Cone ID Cone Area (cm²)	Soil Depth (m)	Interpreted Soil Type	Env.	Age	Particle Size, %					Corrected Cone Resistance, q _t (MPa)			Pore Pressure, U _z (kPa)			Relative to BSB (m)	
									Gravel	Sand	Fines	Silt	Clay	Sleeve Friction, f _s (MPa)			Ambient Pore Pressure (kPa)				
-53.5	-20.5																				
-54.0	-21.0																				
-54.5	-21.5																				
-55.0	-22.0																				
-55.5	-22.5																				
-56.0	-23.0																				
-56.5	-23.5																				
-57.0	-24.0																				
-57.5	-24.5																				
-58.0	-25.0																				
-58.5	-25.5																				
-59.0	-26.0																				
-59.5	-26.5																				
-60.0	-27.0																				
-60.5	-27.5																				
-61.0	-28.0																				
-61.5	-28.5																				
-62.0	-29.0																				
-62.5	-29.5					High to very high strength CLAY, medium plasticity, silty, very sandy, slightly gravelly, dark greenish grey (GLEY1 5GY 4/1), calcareous	Gl	Gc													
-63.0	-30.0																				

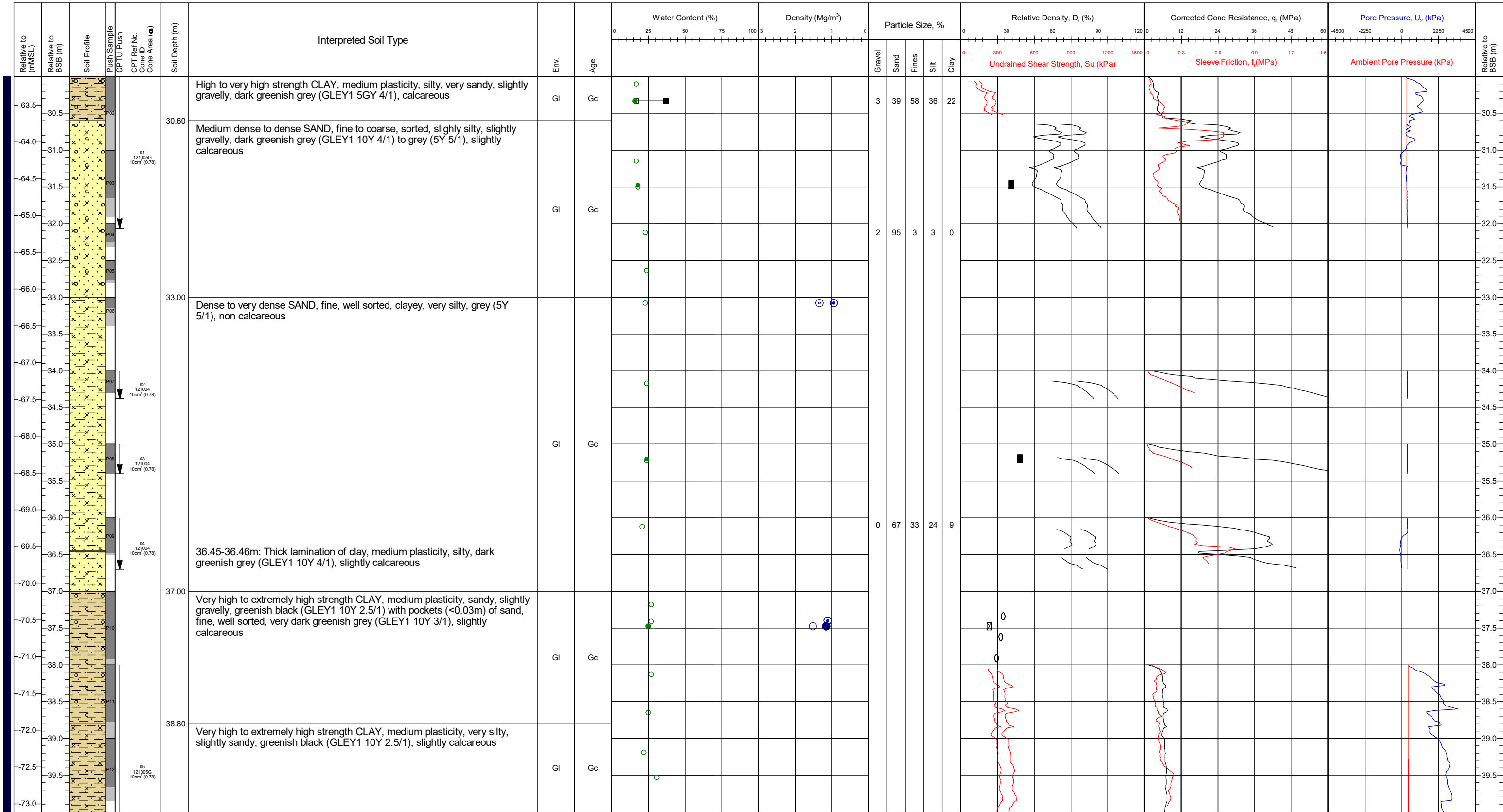
KEY TO SOIL PROFILE

SILT	CLAY
SAND	GRAVEL
CHALK	PEAT
	COBBLES
	Mixed Soil
Assumed Unit Weight: 20 - 16 kN/m³	
K _v : 0.5 - 2.0	
N _{cr} : 15 - 20	
N _{cr} : 12.5 - 16.5	

Area	Kattegat Sea	Coordinates	678755.5E	6261514.2N	CRS: ETRS89
Contract	11596	Latitude / Longitude			
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.1		
Vessel	MV Ocean Vantage	Date of Test (Start-End)	05/06/2021 - 06/06/2021		
Method	Wilson	Final Borehole Depth	70.25m		
Comments: Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.					
		QC Status		Location Name	
		Preliminary	Draft	Final	CB10a-BH
		JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Page: 3/8					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

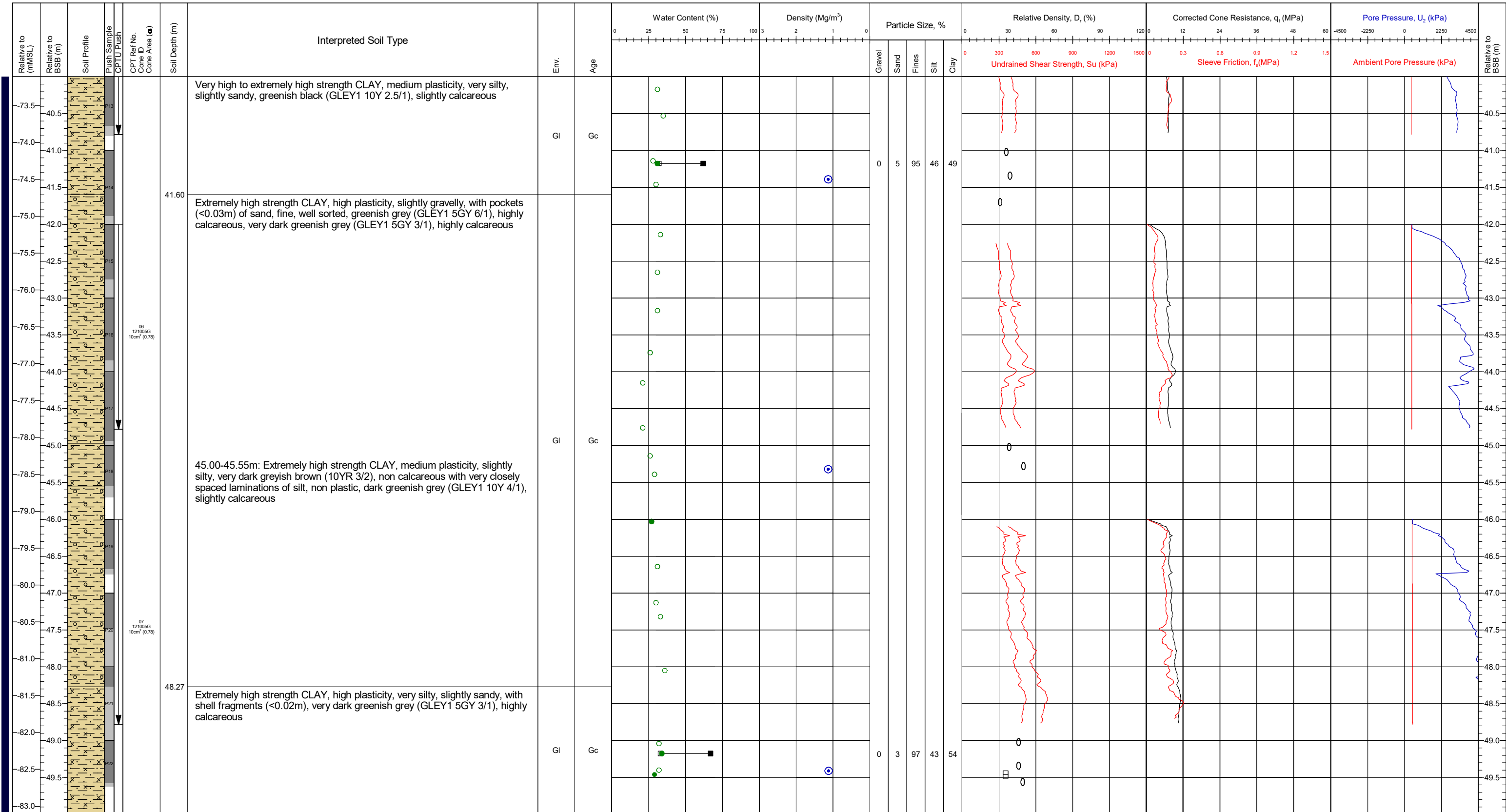
Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_c: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678755.5E 6261514.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB10a-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.1		Comments: Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	05/06/2021 - 06/06/2021		JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 4/8
Method	Wilson	Final Borehole Depth	70.25m					



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

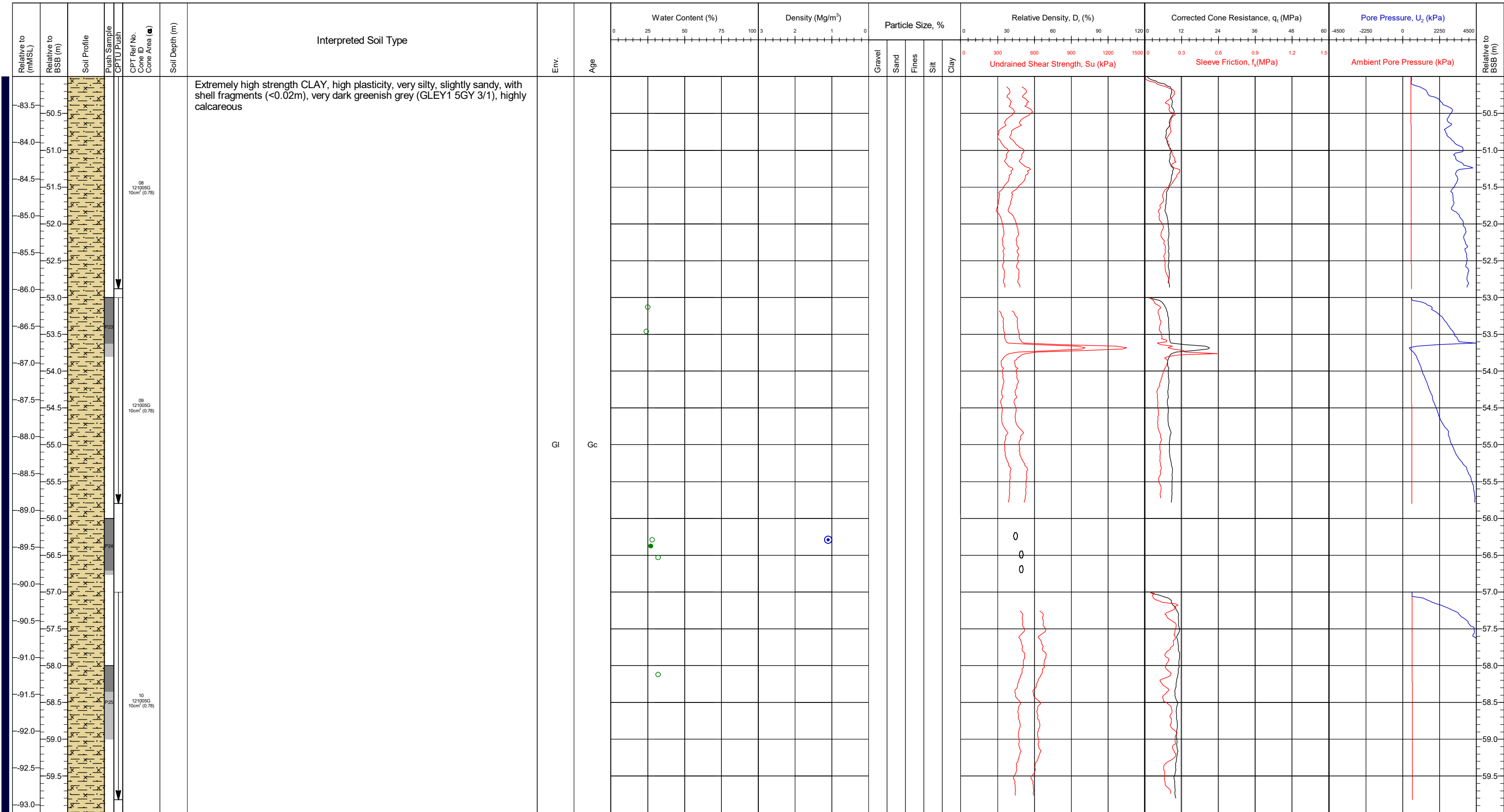
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678755.5E 6261514.2N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.1	Comments: Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.	Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)	05/06/2021 - 06/06/2021		JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	Wilson	Final Borehole Depth	70.25m				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



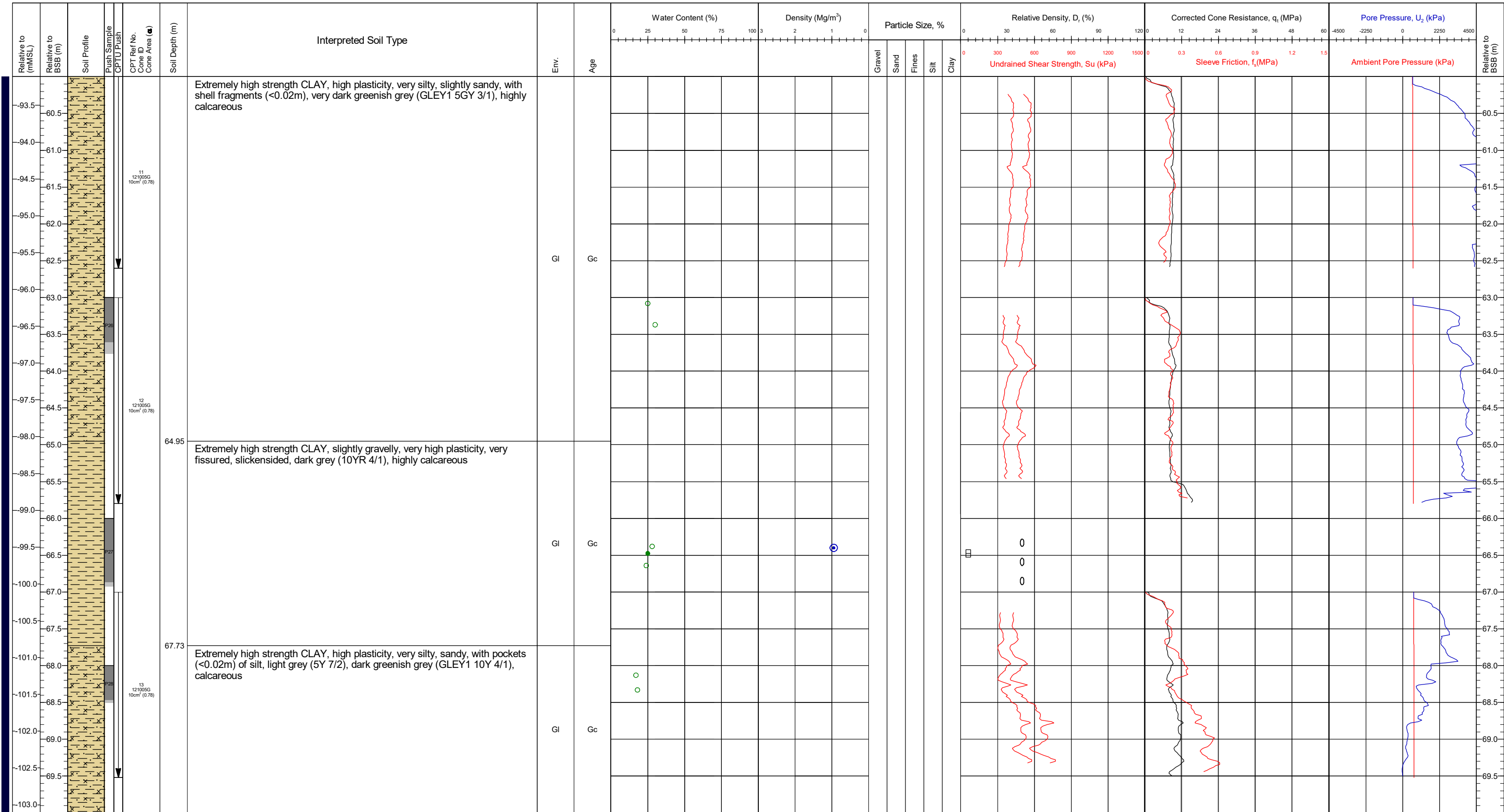
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	678755.5E 6261514.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.	Preliminary	Draft	Final	CB10a-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.1		JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	05/06/2021 - 06/06/2021		Page: 6/8			
Method	Wilson	Final Borehole Depth	70.25m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

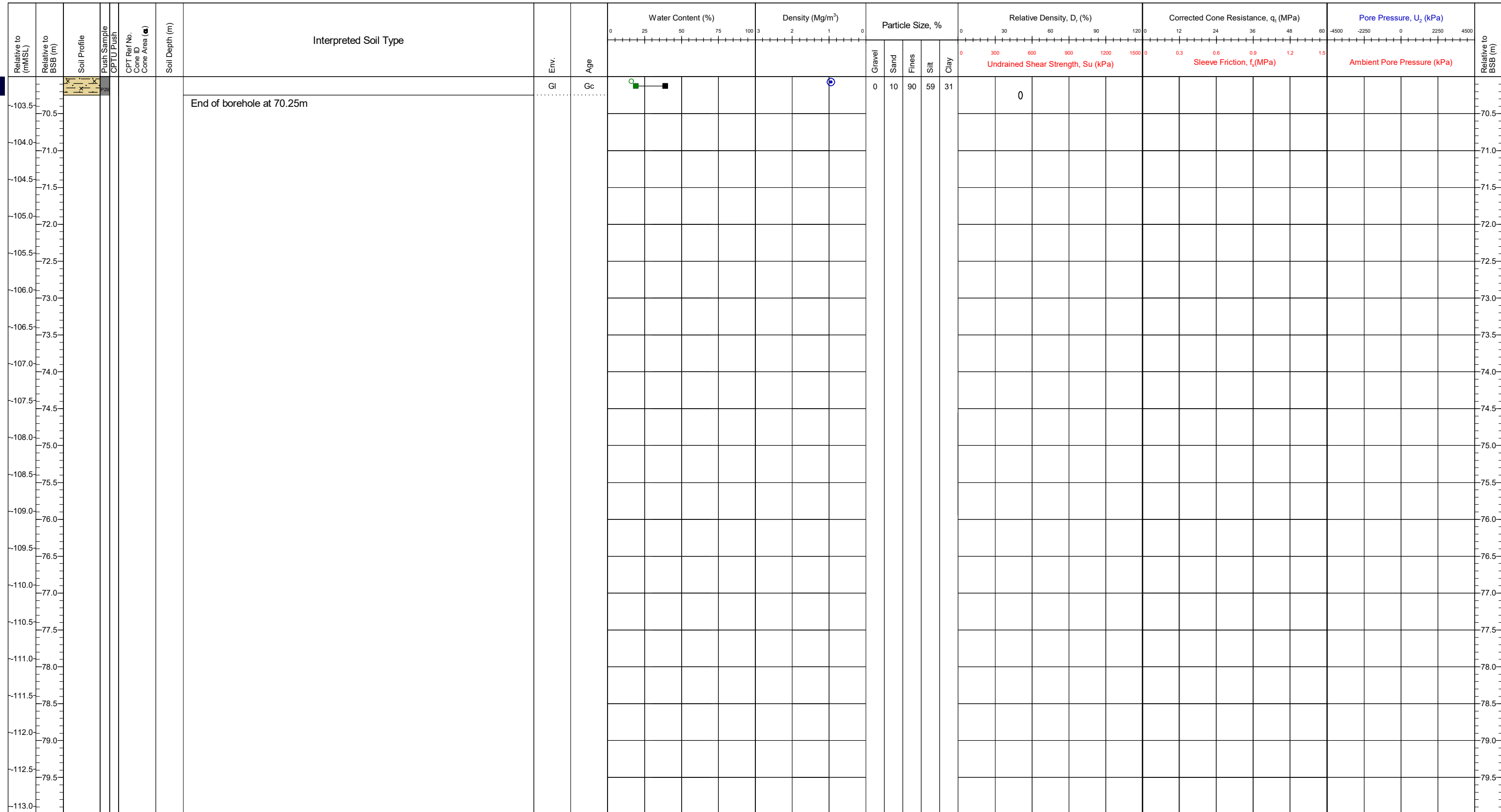
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678755.5E 6261514.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	CB10a-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.1		JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	05/06/2021 - 06/06/2021		Page: 7/8			
Method	Wison	Final Borehole Depth	70.25m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

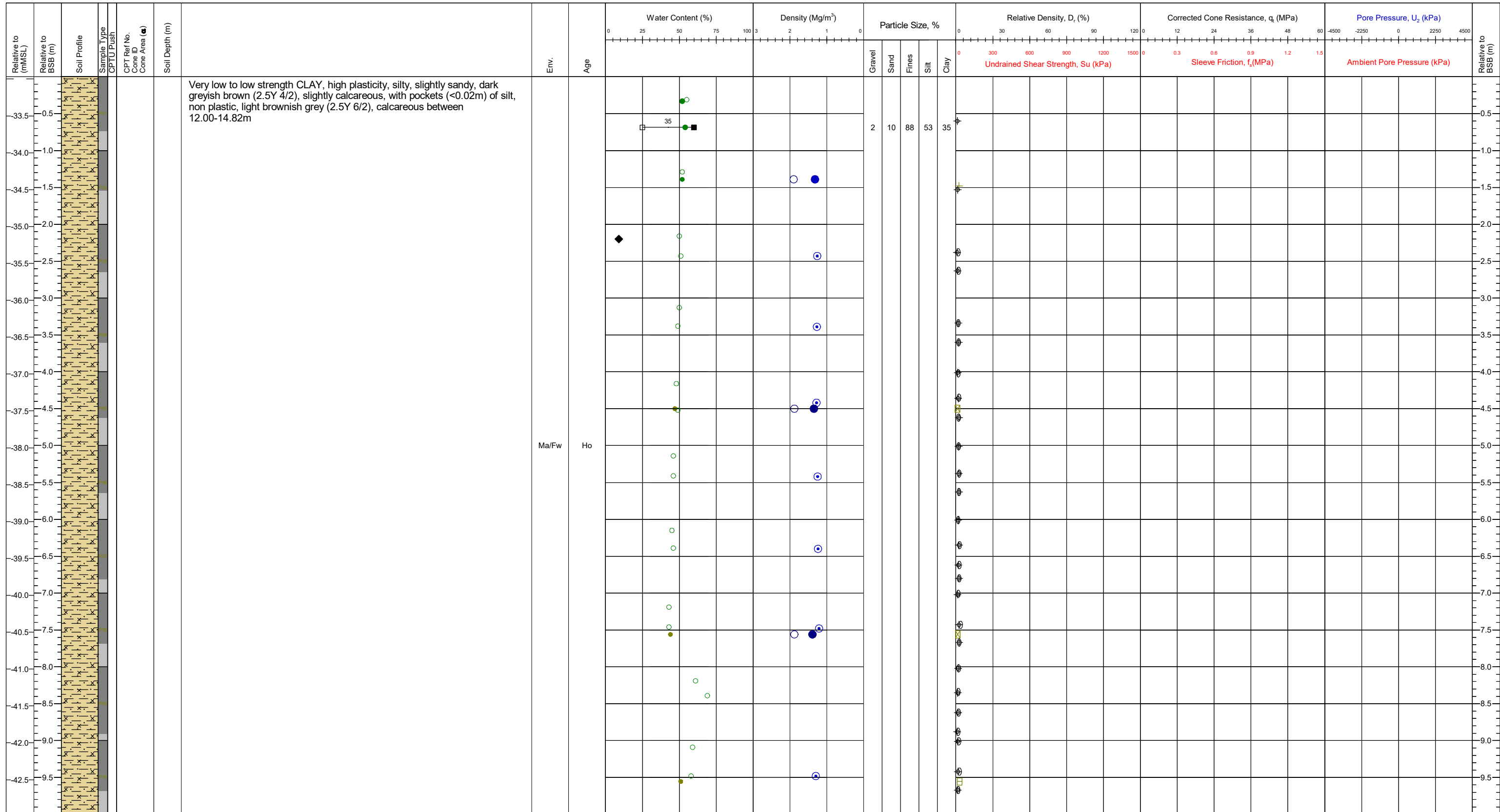
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678755.5E 6261514.2N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (05/06/2021) DR (10/06/2021) SMC (10/11/2021)	Location Name <p style="text-align: center;">CB10a-BH</p> Page: 8/8
Contract	11596	Latitude / Longitude		Comments: Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wison CPT and push sampling methods.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.1			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	05/06/2021 - 06/06/2021			
Method	Wison	Final Borehole Depth	70.25m			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



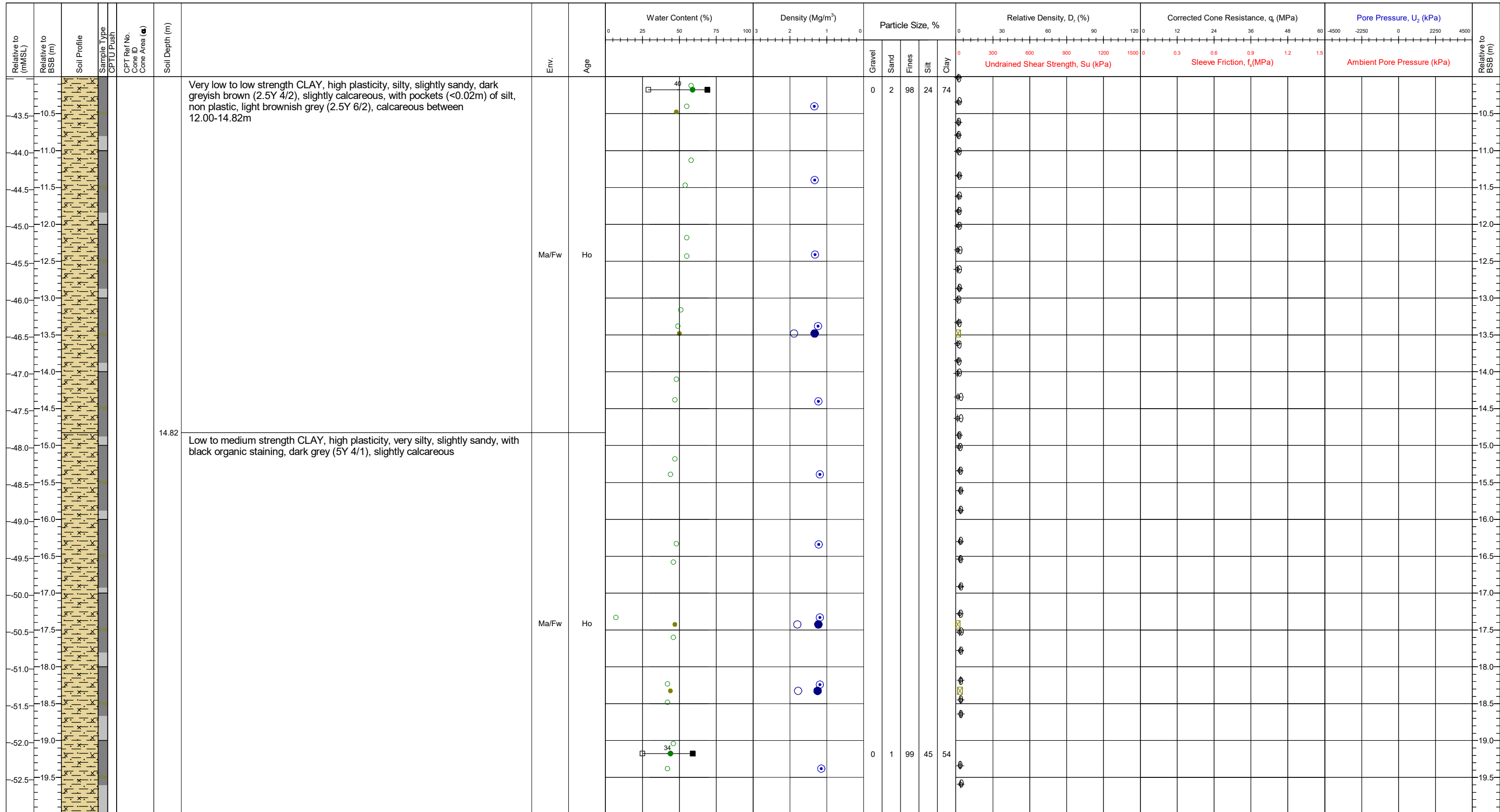
KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: kN/m³

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status			Location Names CB10-BH CB10a-BH
Contract	11596	Latitude / Longitude		Comments: Boreholes CB10-BH and CB10a-BH combined.				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0		Preliminary	Draft	Final	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			JK/BC (06/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	Wilson	Final Borehole Depth	70.25m					Page: 1/8

Preliminary Investigation, Hesselø OWF
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



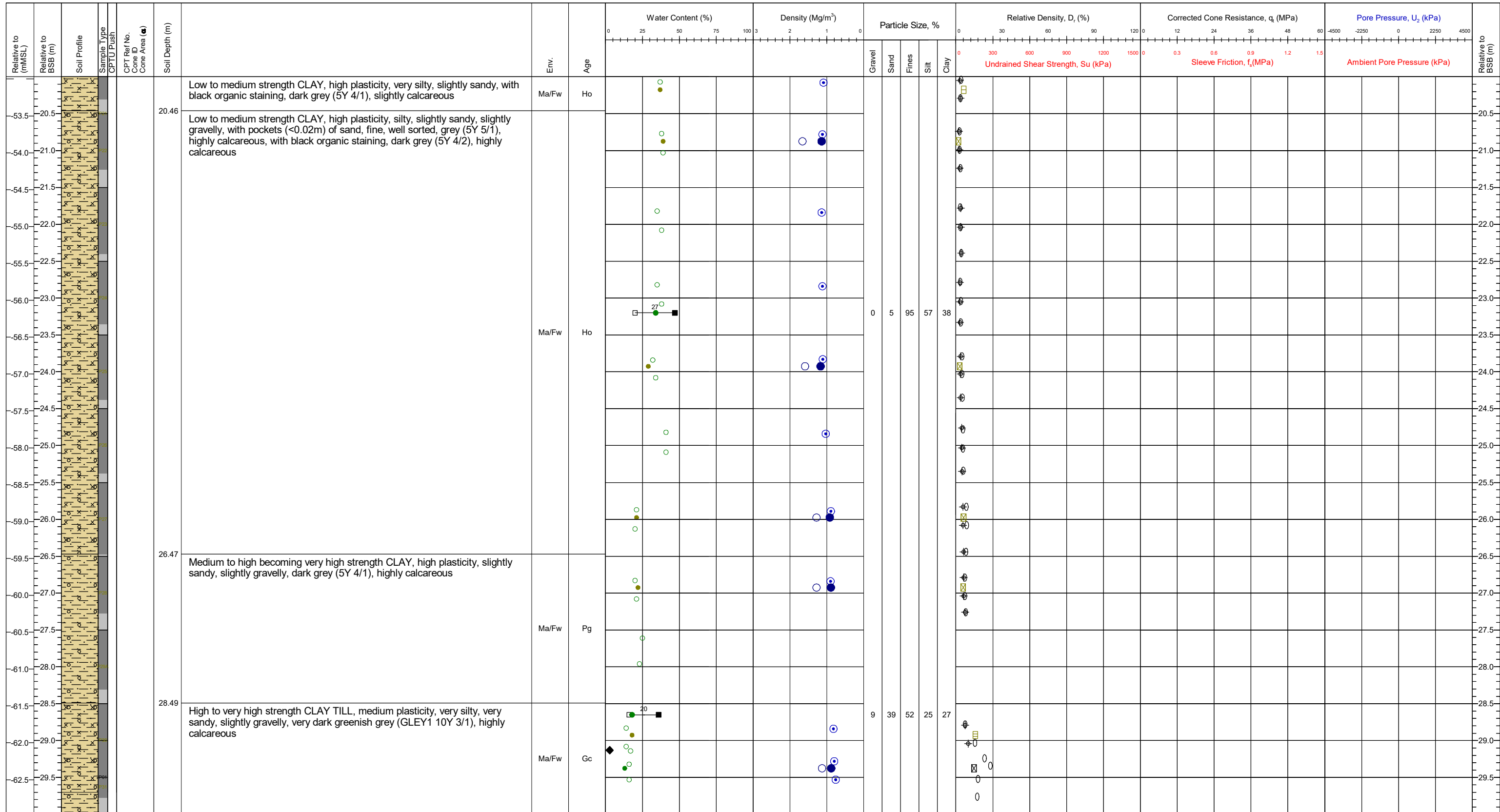
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: kN/m ³ K _s
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status			Location Names CB10-BH
Contract	11596	Latitude / Longitude		Comments: Boreholes CB10-BH and CB10a-BH combined.				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0		Preliminary	Draft	Final	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			JK/BC (06/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	Wilson	Final Borehole Depth	70.25m					Page: 2/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

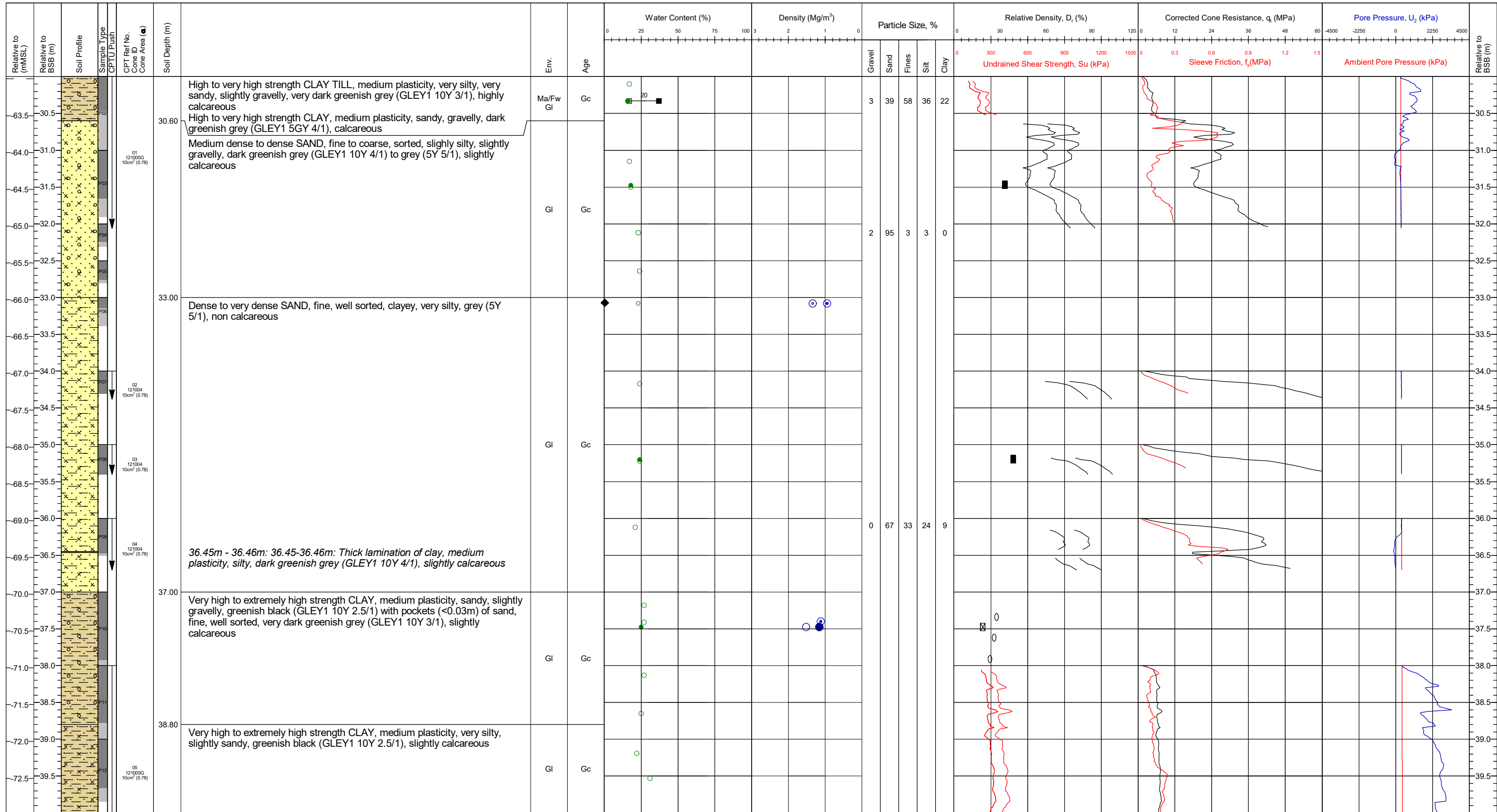
Assumed Unit Weight: kN/m³
K_s =

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status			Location Names	
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB10-BH CB10a-BH	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0	Comments: Boreholes CB10-BH and CB10a-BH combined.					
Vessel	MV Ocean Vantage	Date of Test (Start-End)			JK/BC	DR	SMc		
Method	Wilson	Final Borehole Depth	70.25m		(06/06/2021)	(10/06/2021)	(10/11/2021)		



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

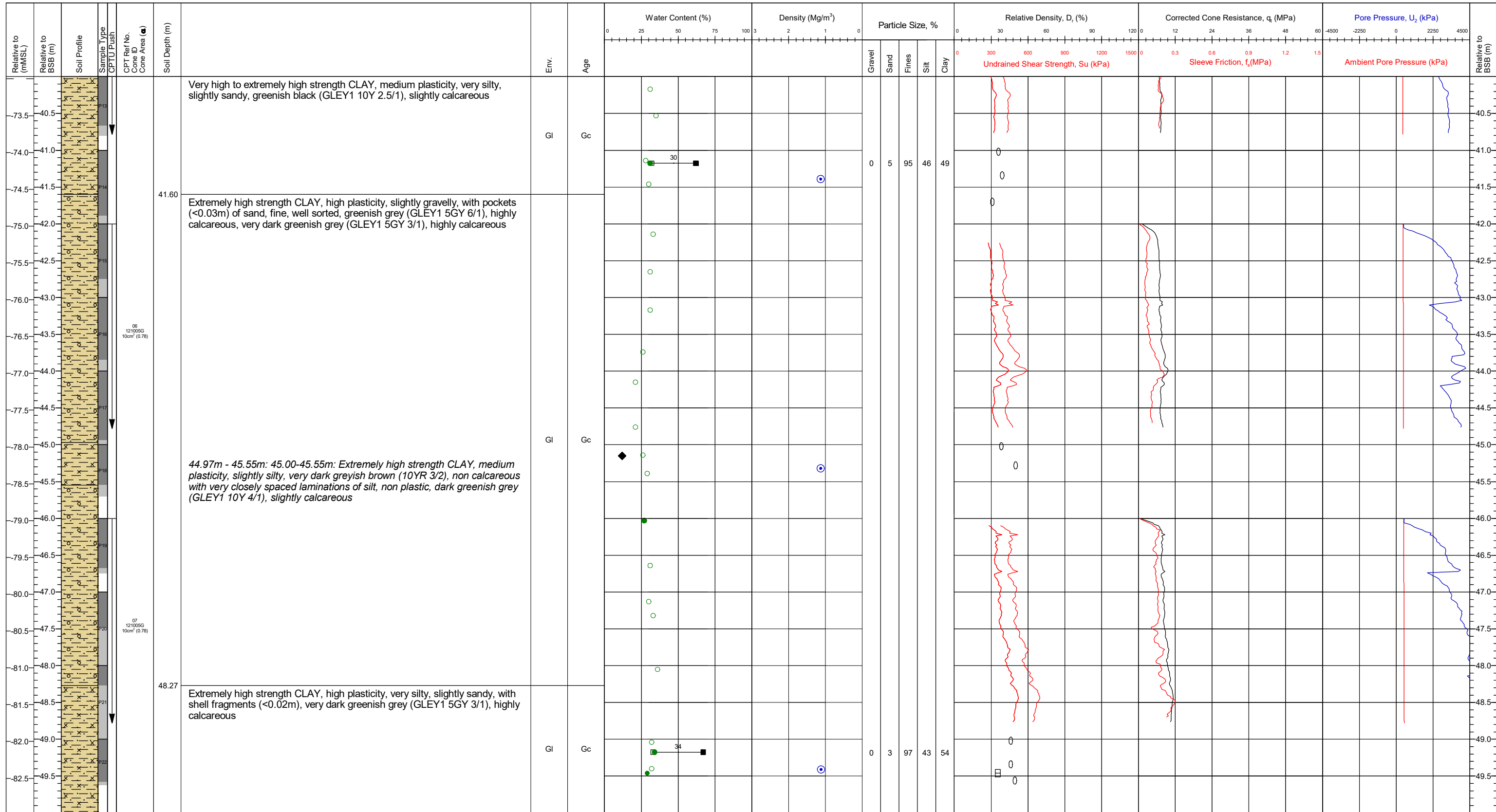


KEY TO SOIL PROFILE

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status	Location Names
<div style="display: flex; justify-content: space-between;"> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;">x x x SILT</div> <div style="display: flex; align-items: center;">o o o SAND</div> <div style="display: flex; align-items: center;"> CHALK</div> </div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;">o o o CLAY</div> <div style="display: flex; align-items: center;">o o o GRAVEL</div> <div style="display: flex; align-items: center;">o o o PEAT</div> </div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;">o o o COBBLES</div> <div style="display: flex; align-items: center;">o o o Mixed Soil</div> </div> </div>	Contract: 11596 Client Name / Ref: Energinet Eltransmission A/S / 384_20_ENE Vessel: MV Ocean Vantage Method: Wilson	Latitude / Longitude Water Depth (mMSL): -33.0 Date of Test (Start-End) Final Borehole Depth: 70.25m	Comments: Boreholes CB10-BH and CB10a-BH combined.		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> JK/BC <small>(06/06/2021)</small> </div> <div style="text-align: center;"> DR <small>(10/06/2021)</small> </div> <div style="text-align: center;"> SMc <small>(10/11/2021)</small> </div> </div>	CB10a-BH <small>Page: 4/8</small>

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



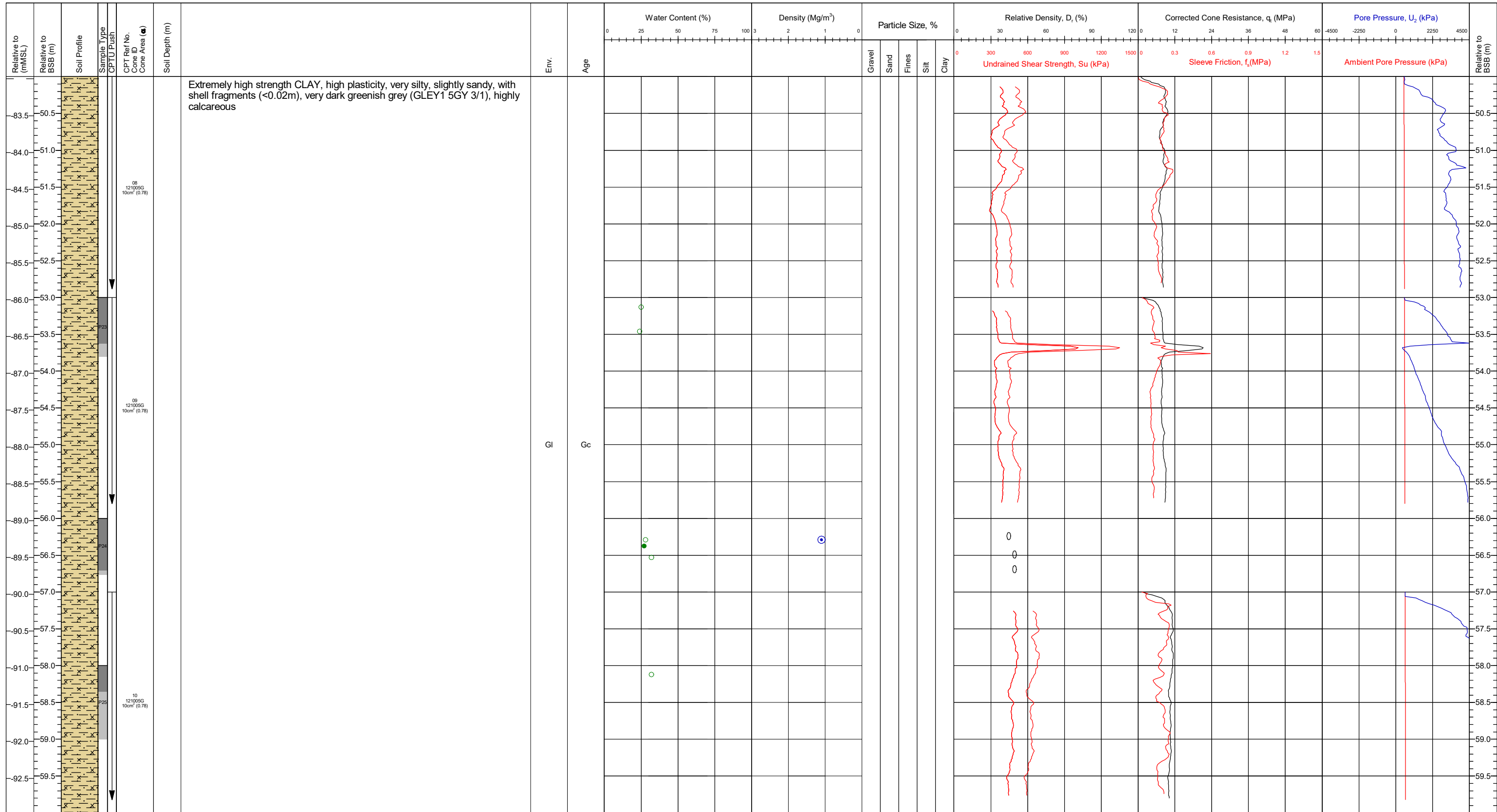
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _c : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status			Location Names CB10a-BH
Contract	11596	Latitude / Longitude		Comments: Boreholes CB10-BH and CB10a-BH combined.	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0					
Vessel	MV Ocean Vantage	Date of Test (Start-End)			JK/BC (06/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	Wilson	Final Borehole Depth	70.25m					Page: 5/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



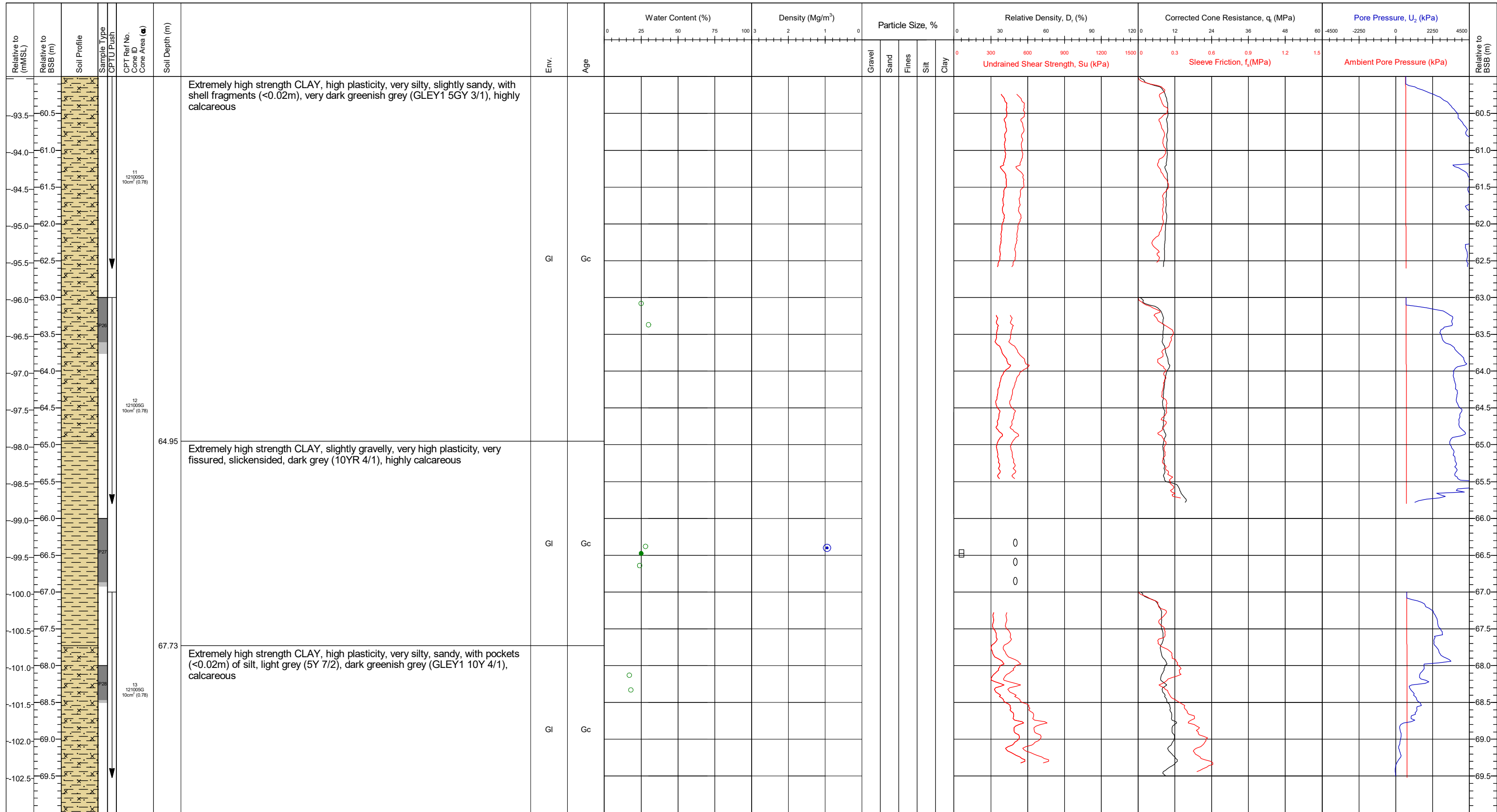
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status			Location Names CB10a-BH
Contract	11596	Latitude / Longitude		Comments: Boreholes CB10-BH and CB10a-BH combined.	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0		JK/BC	DR	SMc	Page: 6/8
Vessel	MV Ocean Vantage	Date of Test (Start-End)			(06/06/2021)	(10/06/2021)	(10/11/2021)	
Method	Wilson	Final Borehole Depth	70.25m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

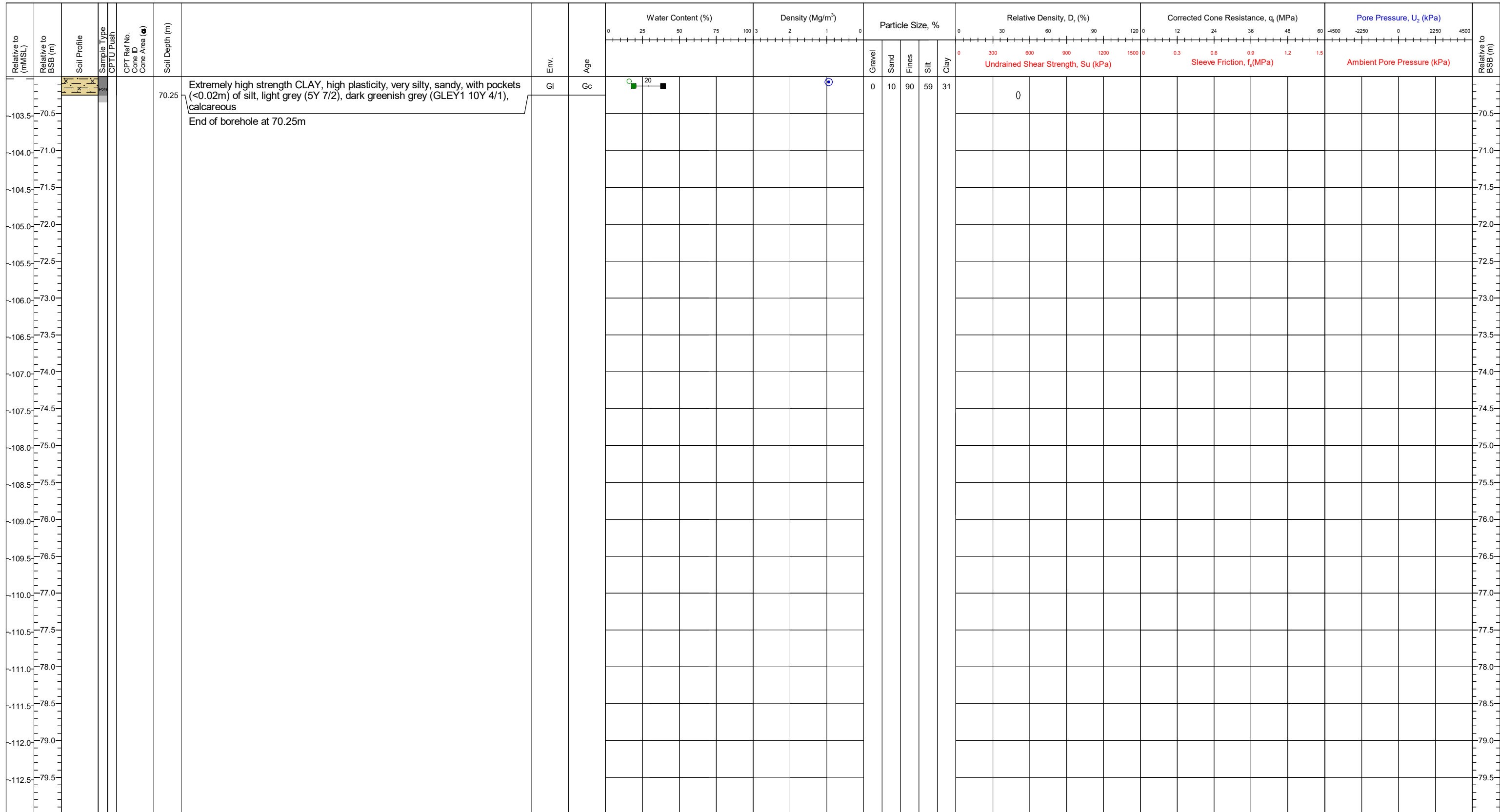
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678759.8E 6261509.5N	CRS: ETRS89	QC Status			Location Names CB10a-BH
Contract	11596	Latitude / Longitude		Comments: Boreholes CB10-BH and CB10a-BH combined.	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0		JK/BC (06/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 7/8
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	Wilson	Final Borehole Depth	70.25m					



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

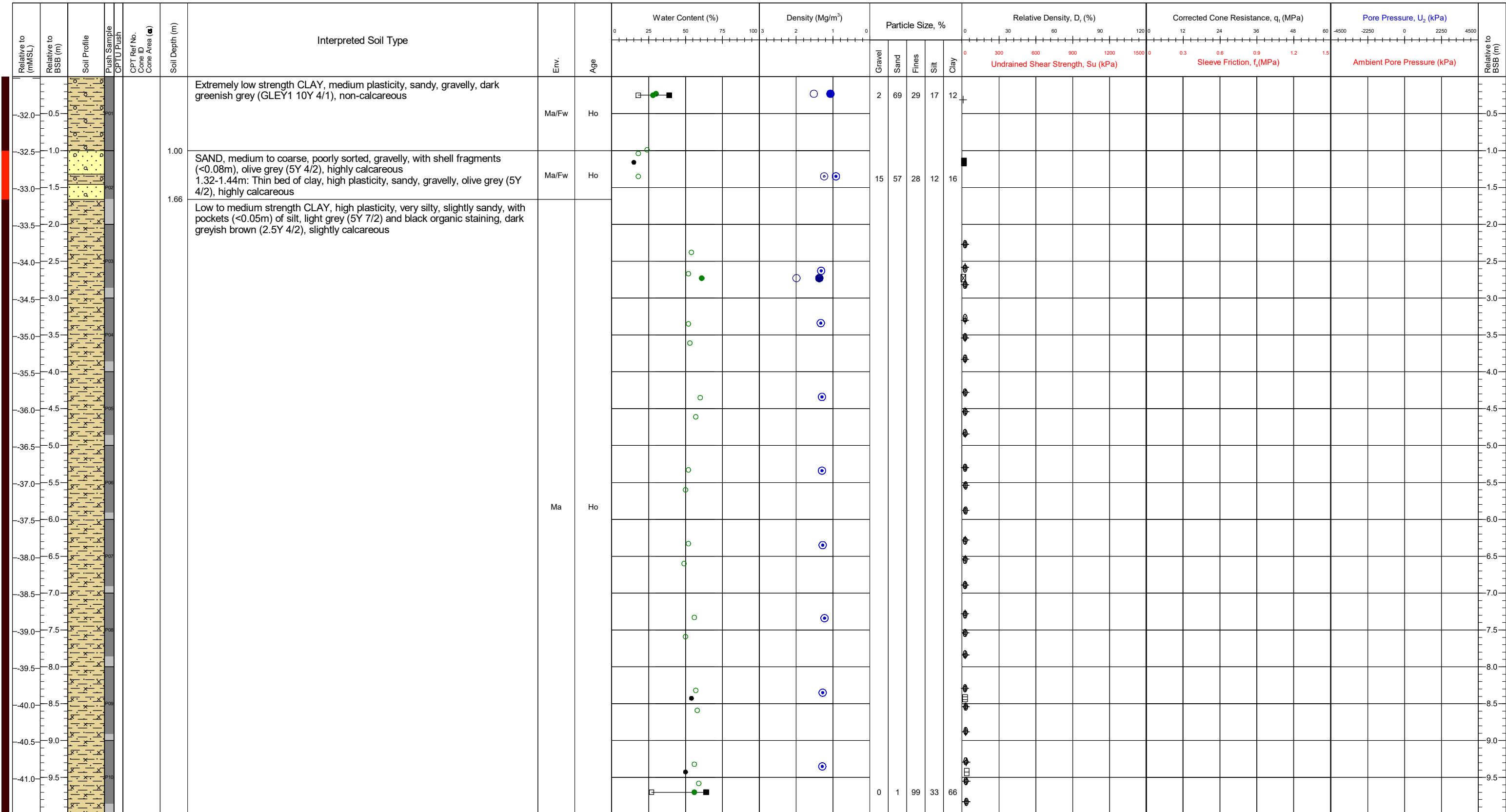
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_c: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678759.8E	6261509.5N	CRS: ETRS89	QC Status			Location Names	
Contract	11596	Latitude / Longitude			Comments: Boreholes CB10-BH and CB10a-BH combined.	Preliminary	Draft	Final	CB10a-BH	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-33.0			JK/BC (06/06/2021)	DR (10/06/2021)	SMc (10/11/2021)		
Vessel	MV Ocean Vantage	Date of Test (Start-End)								
Method	Wilson	Final Borehole Depth	70.25m						Page: 8/8	

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BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

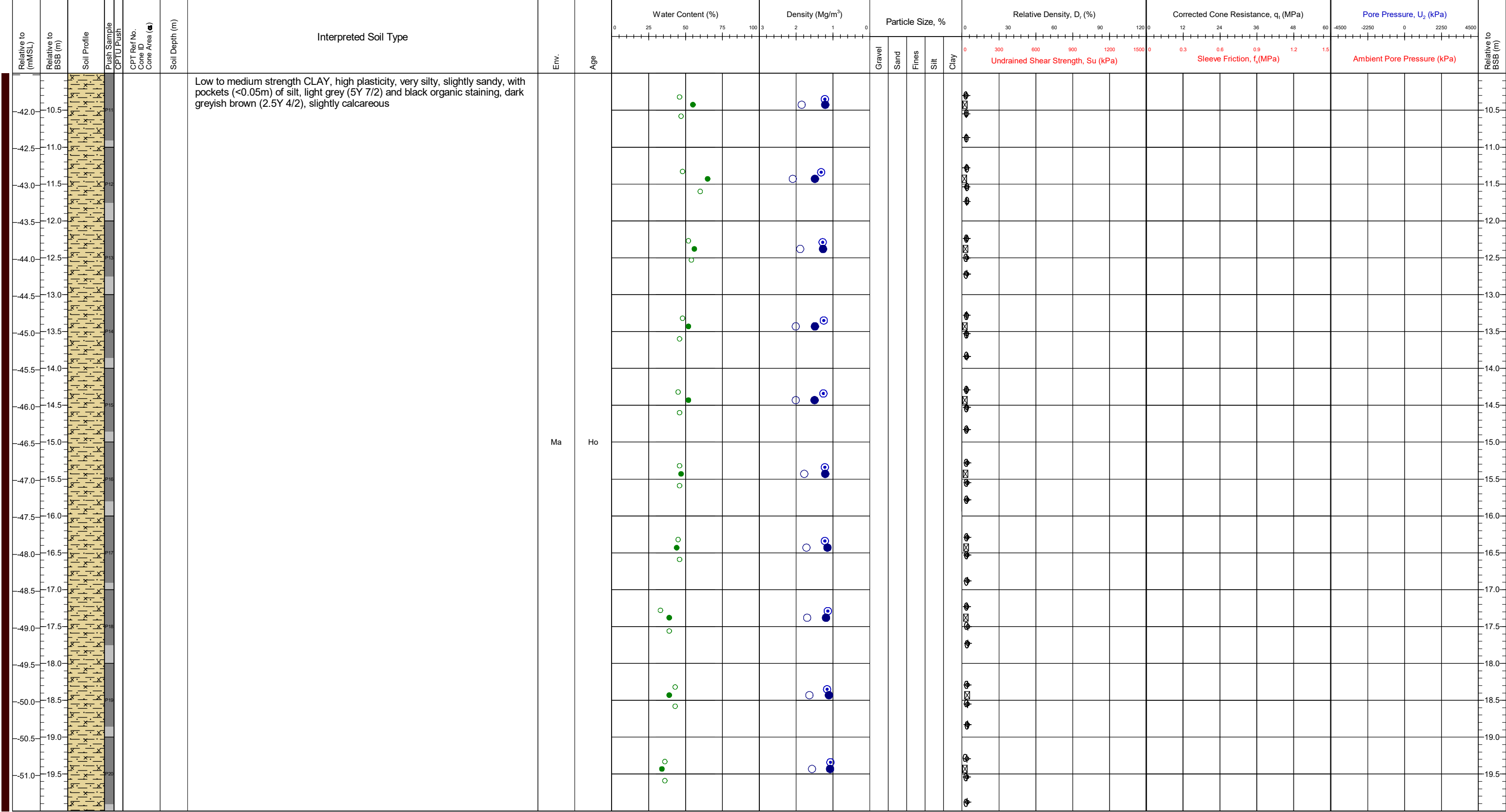
Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status			Location Name CB11-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5	Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)	22/05/2021 - 23/05/2021		JK/BC (23/05/2021)	DR (10/06/2021)	SMC (10/11/2021)	
Method	Wilson	Final Borehole Depth	53.12m	Page: 1/6				



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



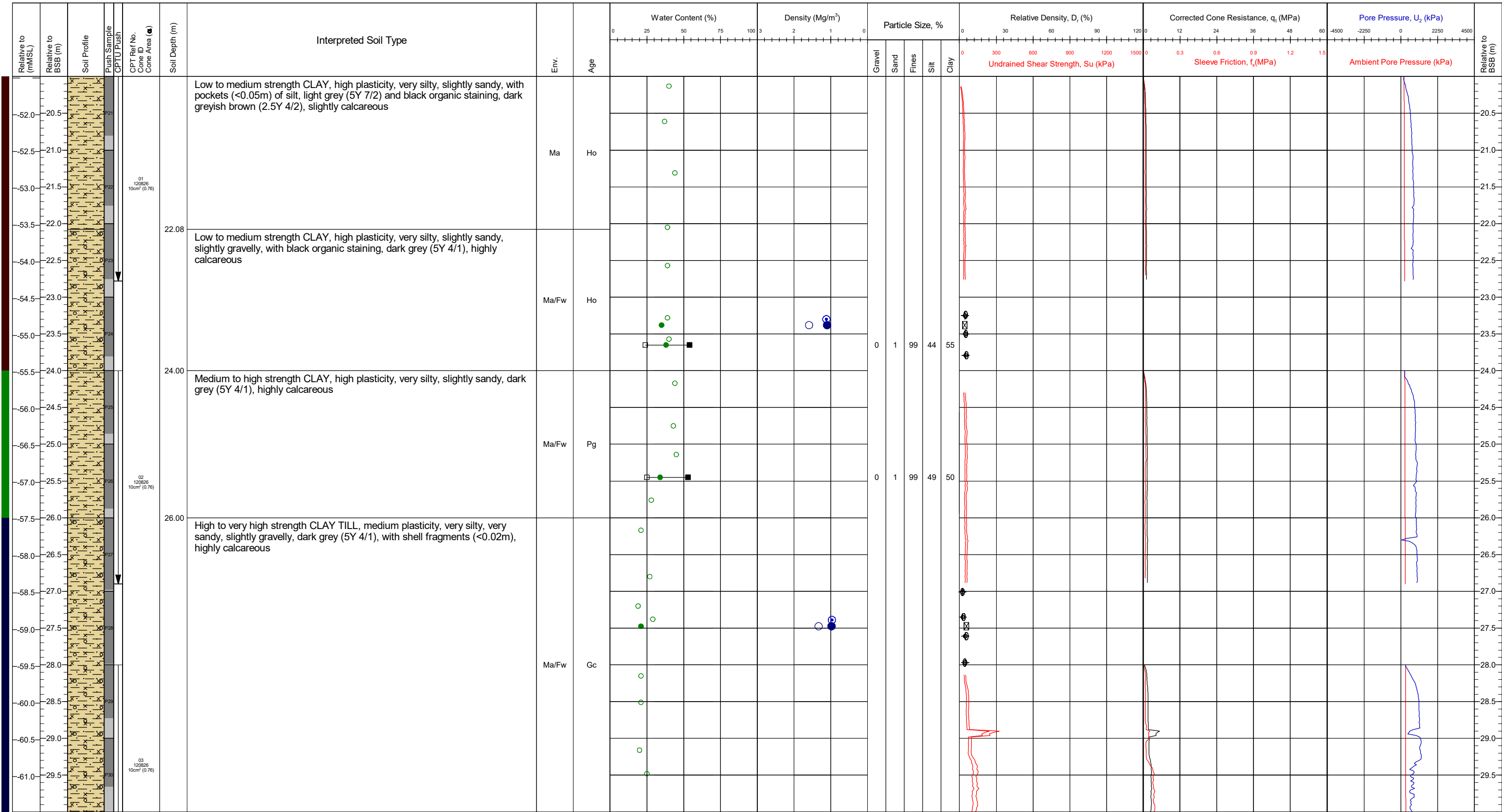
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5	
	SAND		GRAVEL		
	CHALK		PEAT		Mixed Soil

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status	CB11-BH <small>Page: 2/6</small>
Contract	11596	Latitude / Longitude		Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.	Preliminary Draft Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5		JK/BC DR SMC	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	22/05/2021 - 23/05/2021		(23/05/2021) (10/06/2021) (10/11/2021)	
Method	Wilson	Final Borehole Depth	53.12m			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

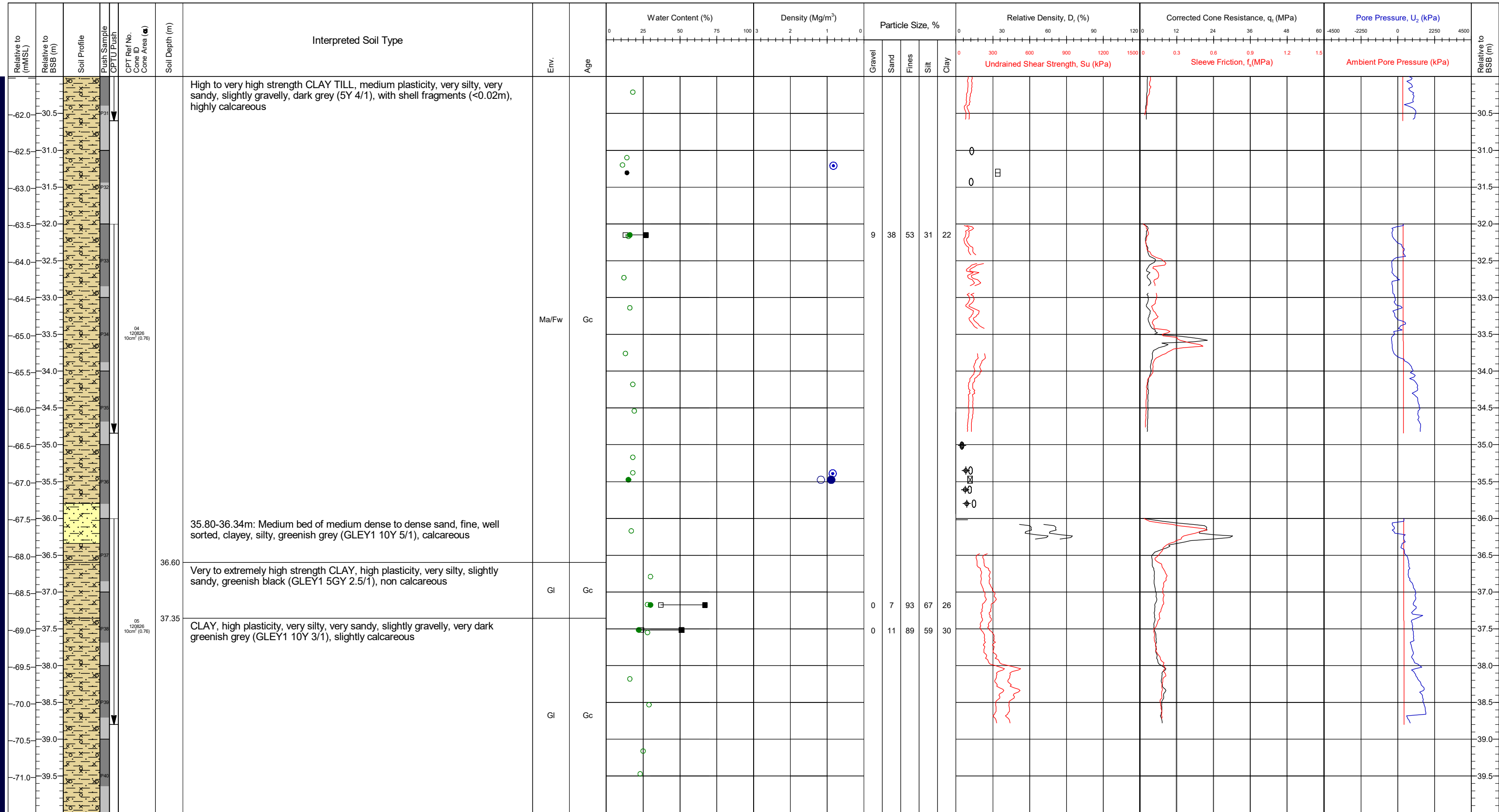
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB11-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5	Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wison CPT and push sampling methods- at which point it was terminated due to rising weather conditions.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)	22/05/2021 - 23/05/2021		JK/BC (23/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	Wison	Final Borehole Depth	53.12m					Page: 3/6



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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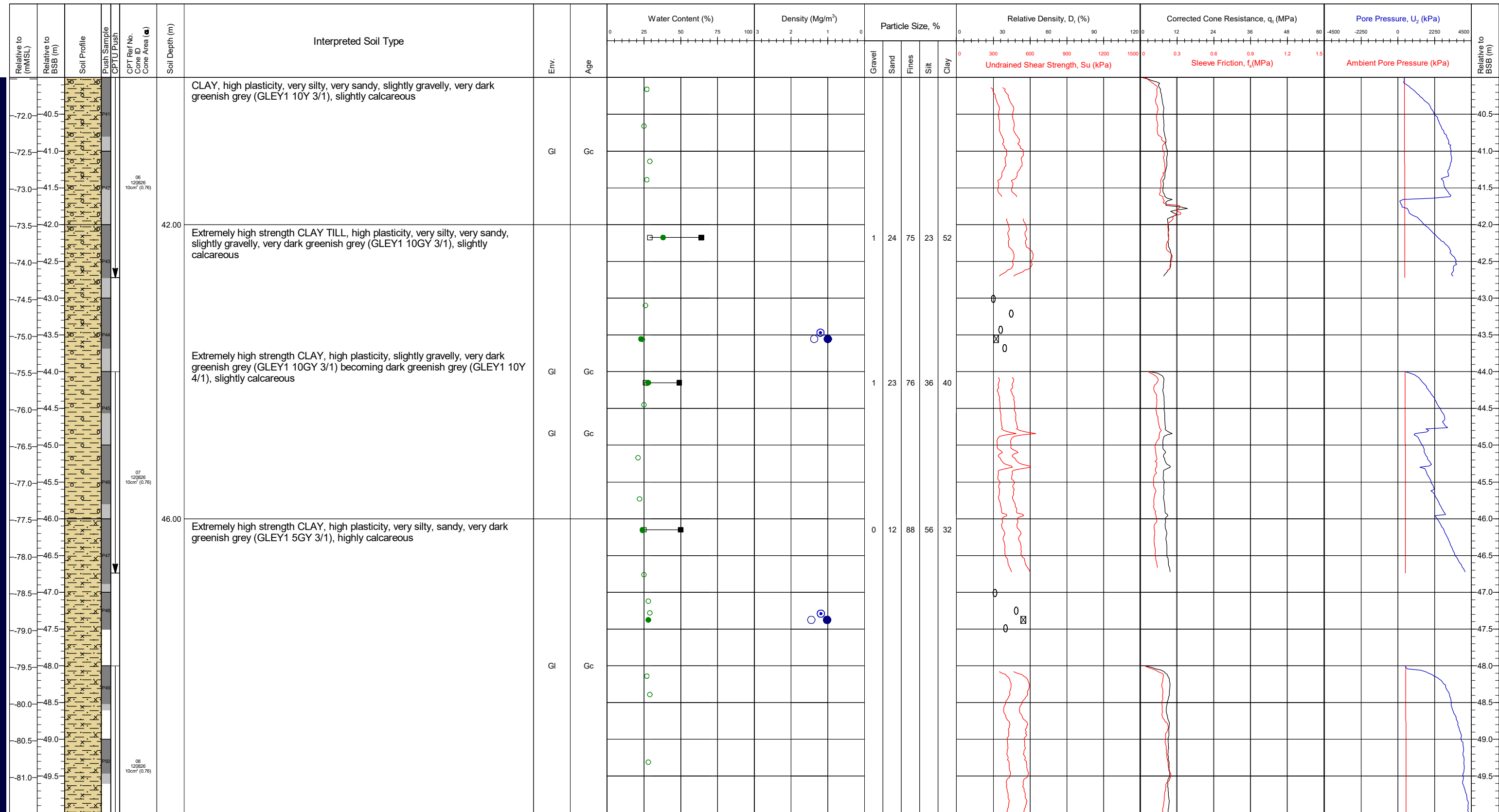
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status			Location Name CB11-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5		Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	22/05/2021 - 23/05/2021		JK/BC (23/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	Wilson	Final Borehole Depth	53.12m					Page: 4/6

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_v: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N
Contract	11596	Latitude / Longitude	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5
Vessel	MV Ocean Vantage	Date of Test (Start-End)	22/05/2021 - 23/05/2021
Method	Wilson	Final Borehole Depth	53.12m

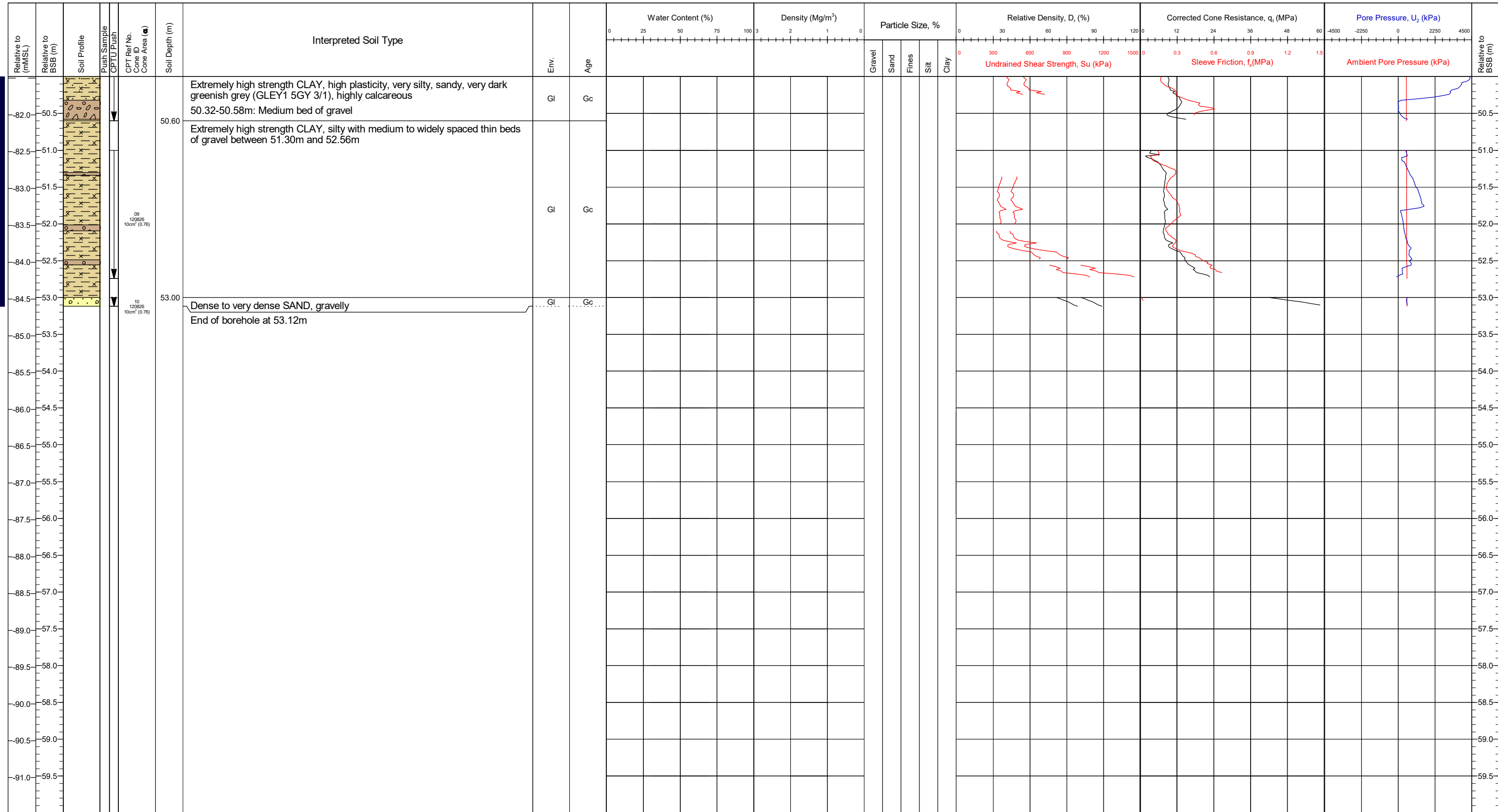
CRS: ETRS89	
Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.	

QC Status		
Preliminary	Draft	Final
JK/BC (23/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

Location Name	CB11-BH
Page: 5/6	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE











	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status			Location Name CB11-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5	Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wison CPT and push sampling methods- at which point it was terminated due to rising weather conditions.	JK/BC	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	22/05/2021 - 23/05/2021		(23/05/2021)	(10/06/2021)	(10/11/2021)	
Method	Wison	Final Borehole Depth	53.12m					Page: 6/6

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Push Sample CPTU Push	CPT Ref No. Cone ID Cone Area (m²)	Soil Depth (m)	Interpreted Soil Type	Env.	Age	Water Content (%)					Density (Mg/m³)					Particle Size, %					Relative Density, D _r (%)					Corrected Cone Resistance, q _i (MPa)					Pore Pressure, U _z (kPa)					Relative to BSB (m)
									0 25 50 75 100 3					2 1 0					Gravel Sand Fines Silt Clay					0 30 60 90 120					0 12 24 36 48 60					-4500 -2250 0 2250 4500					
-42.0	10.5																																			10.5			
-42.5	11.0																																			11.0			
-43.0	11.5																																			11.5			
-43.5	12.0																																			12.0			
-44.0	12.5																																			12.5			
-44.5	13.0																																			13.0			
-45.0	13.5																																			13.5			
-45.5	14.0																																			14.0			
-46.0	14.5																																			14.5			
-46.5	15.0																																			15.0			
-47.0	15.5																																			15.5			
-47.5	16.0																																			16.0			
-48.0	16.5																																			16.5			
-48.5	17.0																																			17.0			
-49.0	17.5																																			17.5			
-49.5	18.0																																			18.0			
-50.0	18.5																																			18.5			
-50.5	19.0																																			19.0			
-51.0	19.5																																			19.5			
-51.5																																							

KEY TO SOIL PROFILE			Area		Coordinates		CRS: ETRS89		QC Status			Location Name
	SILT		CLAY	Kattegat Sea	678366.7E	6256257.1N			Preliminary	Draft	Final	CB11a-BH
	SAND		GRAVEL	11596	Latitude / Longitude				Comments: Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling- Wilson CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.			
	COBBLES		CHALK	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)		-31.5		JK/BC	DR	SMc	Page: 2/6
	Mixed Soil		PEAT	MV Ocean Vantage	Date of Test		24/05/2021		<small>(24/05/2021)</small>	<small>(10/06/2021)</small>	<small>(10/11/2021)</small>	
				Wilson	Final Borehole Depth		57.00m					

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

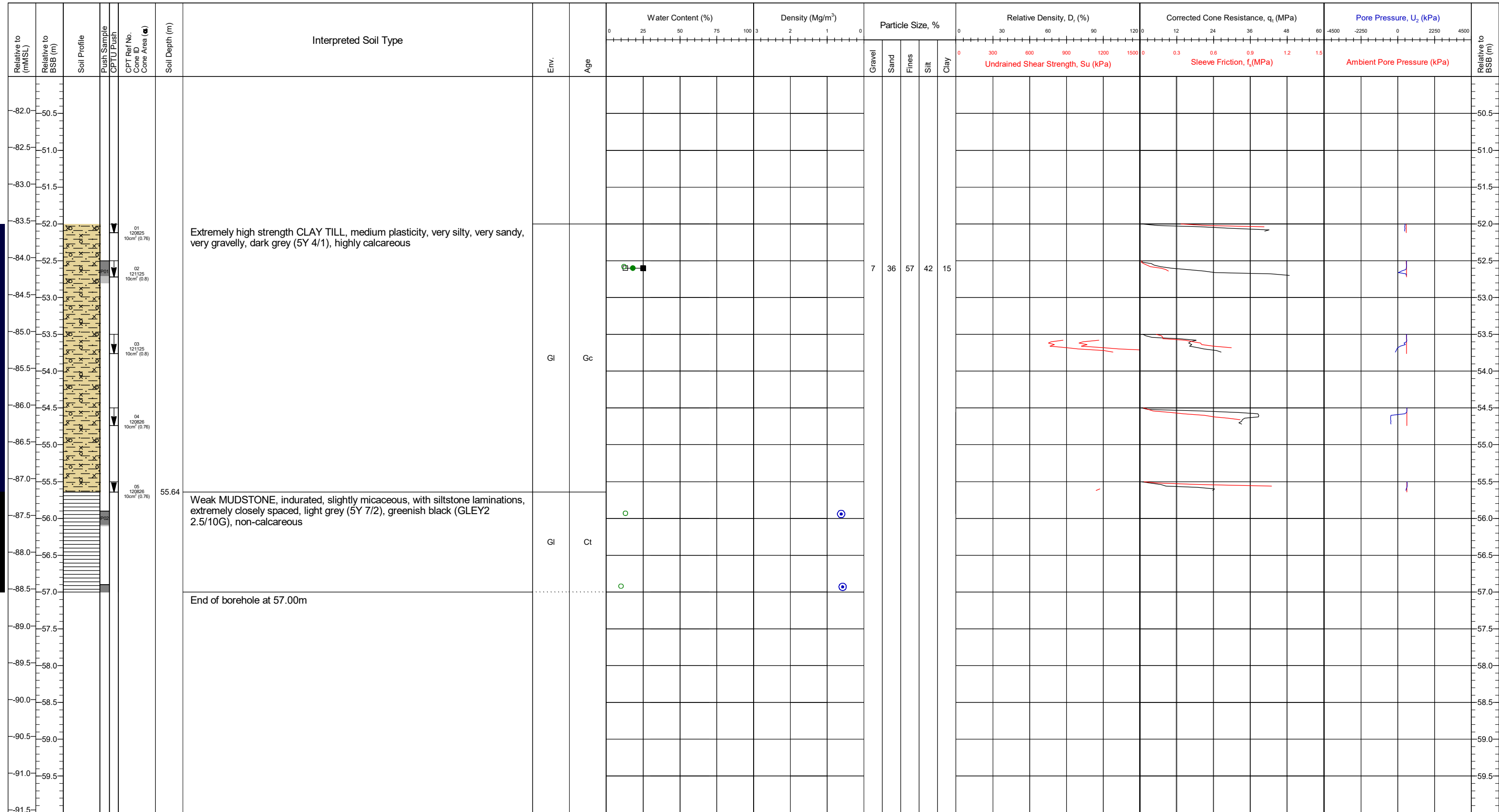
Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Push Sample CPTU Push	CPT Ref No. Cone ID Cone Area (cm²)	Soil Depth (m)	Interpreted Soil Type	Env.	Age	Water Content (%)	Density (Mg/m³)	Particle Size, %	Relative Density, D _r (%)	Corrected Cone Resistance, q _t (MPa)	Pore Pressure, U _z (kPa)	Relative to BSB (m)		
											Gravel Sand Fines Silt Clay		Undrained Shear Strength, S _u (kPa)	Sleeve Friction, f _s (MPa)	Ambient Pore Pressure (kPa)		
-52.0	-20.5																-20.5
-52.5	-21.0																-21.0
-53.0	-21.5																-21.5
-53.5	-22.0																-22.0
-54.0	-22.5																-22.5
-54.5	-23.0																-23.0
-55.0	-23.5																-23.5
-55.5	-24.0																-24.0
-56.0	-24.5																-24.5
-56.5	-25.0																-25.0
-57.0	-25.5																-25.5
-57.5	-26.0																-26.0
-58.0	-26.5																-26.5
-58.5	-27.0																-27.0
-59.0	-27.5																-27.5
-59.5	-28.0																-28.0
-60.0	-28.5																-28.5
-60.5	-29.0																-29.0
-61.0	-29.5																-29.5
-61.5																	

KEY TO SOIL PROFILE			
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil
Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5			
Area	Kattegat Sea	Coordinates	678366.7E 6256257.1N CRS: ETRS89
Contract	11596	Latitude / Longitude	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5
Vessel	MV Ocean Vantage	Date of Test	24/05/2021
Method	Wilson	Final Borehole Depth	57.00m
		Comments: Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling - Wilson CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.	
			QC Status Preliminary Draft Final JK/BC (24/05/2021) DR (10/06/2021) SMc (10/11/2021)
			Location Name CB11a-BH
Page: 3/6			

Preliminary Investigation, Hesselø OWF
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



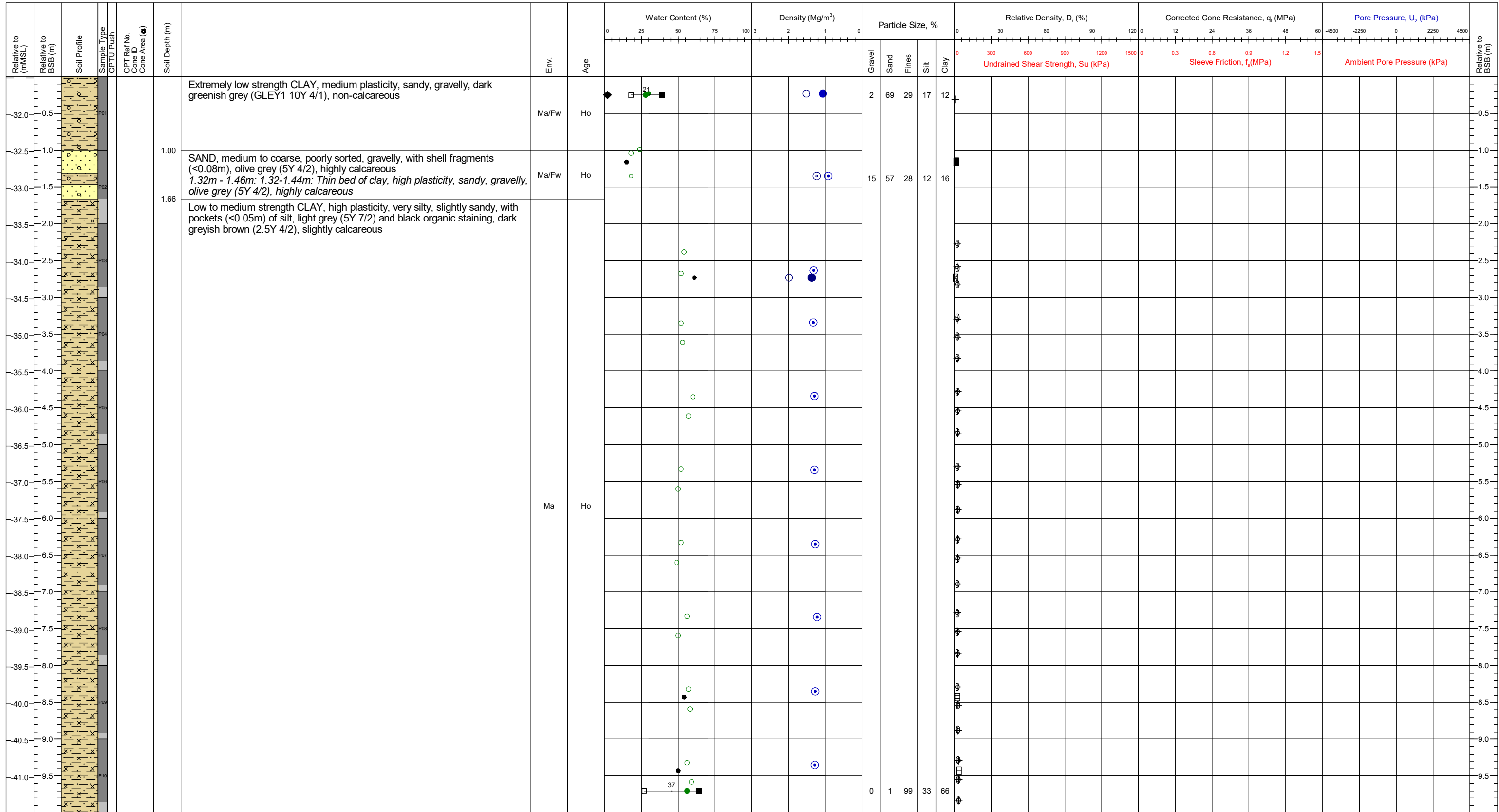
KEY TO SOIL PROFILE			
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[Symbol]	SAND	[Symbol]	GRAVEL
[Symbol]	CHALK	[Symbol]	PEAT
[Symbol]	[Symbol]	[Symbol]	COBBLES
		[Symbol]	Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678366.7E 6256257.1N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Name CB11a-BH
Contract	11596	Latitude / Longitude	-31.5	Comments: Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling- Wilson CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5	Date of Test	JK/BC (24/05/2021)	DR (10/06/2021)
Vessel	MV Ocean Vantage	Date of Test	24/05/2021	Method	SMc (10/11/2021)	
Method	Wilson	Final Borehole Depth	57.00m			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



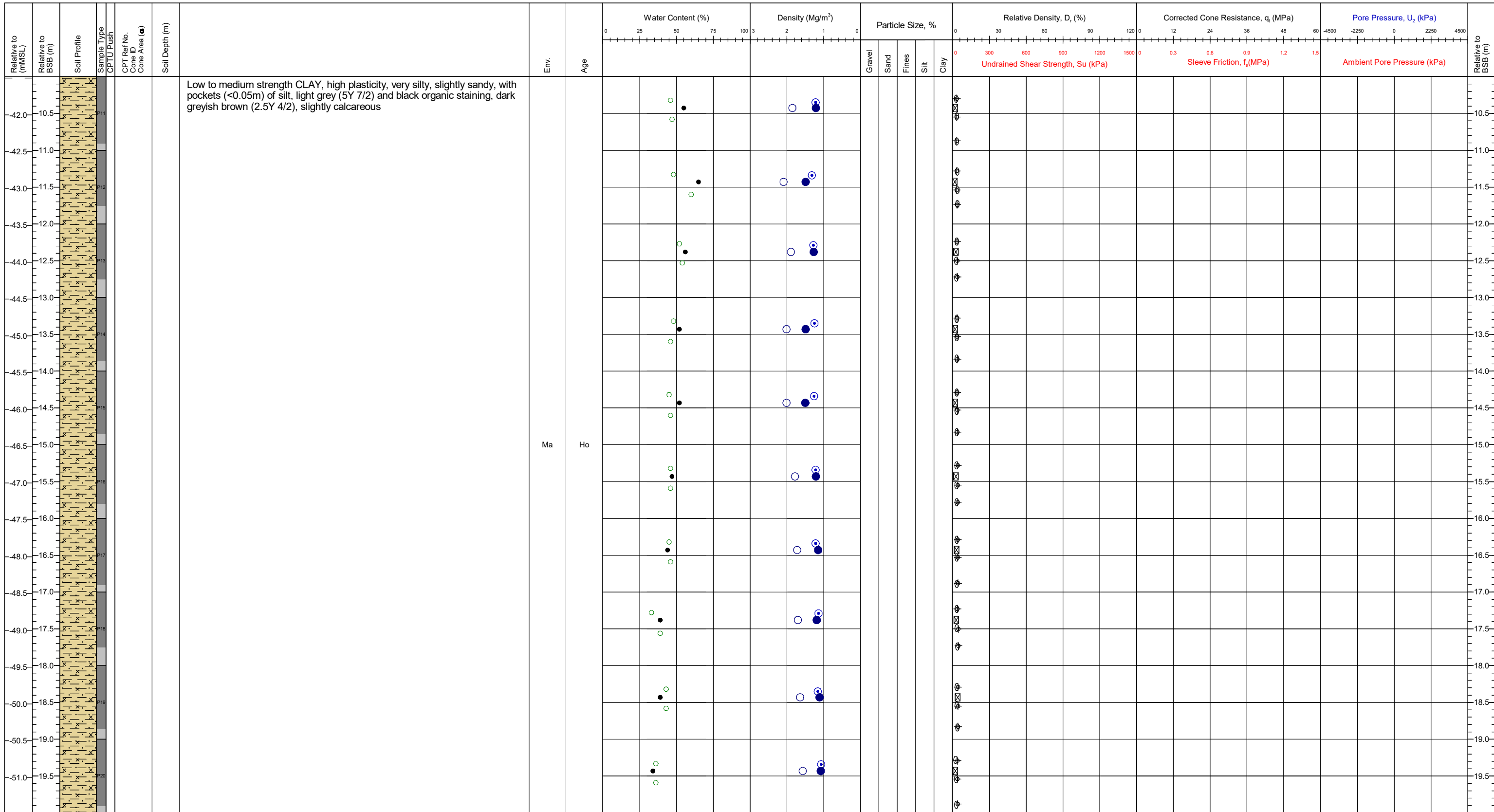
KEY TO SOIL PROFILE

	SILT		CLAY		SAND		GRAVEL		COBBLES		CHALK		PEAT		Mixed Soil
Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _c : 15 - 20 N _{cr} : 12.5 - 16.5															

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status	Location Names CB11-BH CB11a-BH		
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5	Comments: Boreholes CB11-BH and CB11a-BH Combined.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)		JK/BC	DR	SMc		
Method	Wilson	Final Borehole Depth	57.00m	(05/06/2021)	(10/06/2021)	(10/11/2021)		Page: 1/6

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

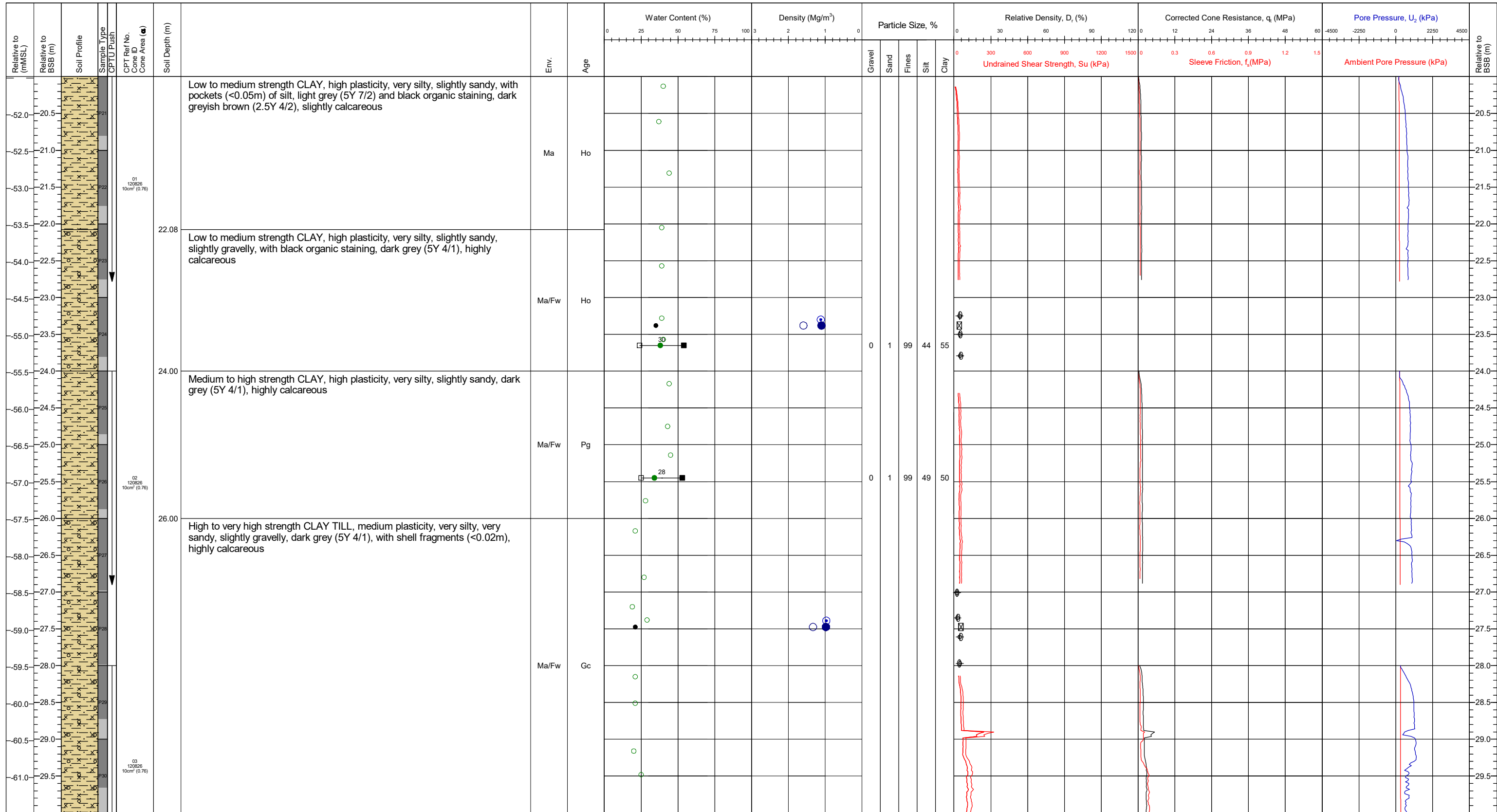
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status			Location Names CB11-BH
Contract	11596	Latitude / Longitude		Comments: Boreholes CB11-BH and CB11a-BH Combined.	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5		JK/BC	DR	SMc	Page: 2/6
Vessel	MV Ocean Vantage	Date of Test (Start-End)			(05/06/2021)	(10/06/2021)	(10/11/2021)	
Method	Wilson	Final Borehole Depth	57.00m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



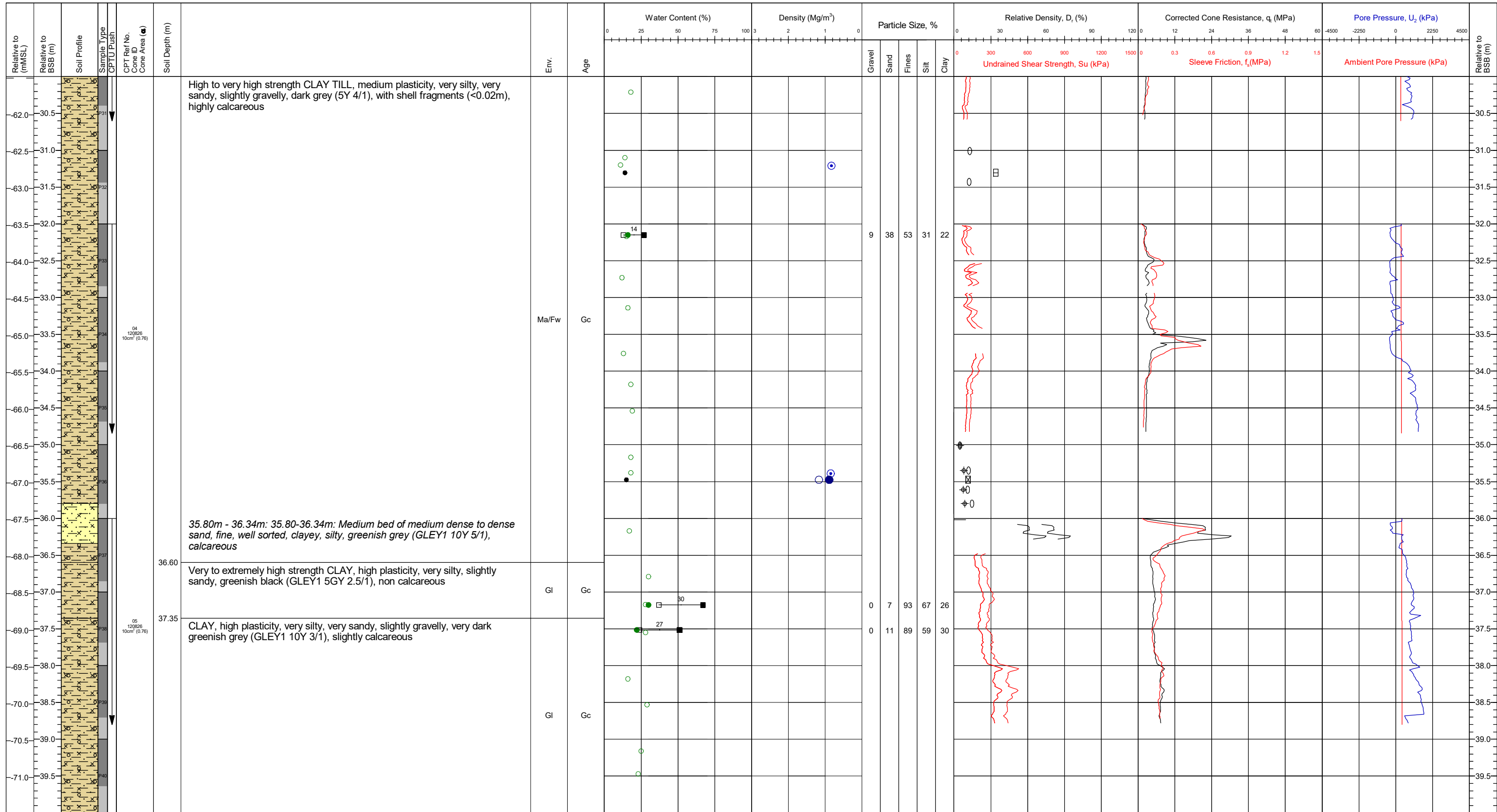
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status			Location Names CB11-BH	
Contract	11596	Latitude / Longitude		Comments: Boreholes CB11-BH and CB11a-BH Combined.			Preliminary		Draft
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5				JK/BC	DR	SMc
Vessel	MV Ocean Vantage	Date of Test (Start-End)					(05/06/2021)	(10/06/2021)	(10/11/2021)
Method	Wilson	Final Borehole Depth	57.00m				Page: 3/6		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

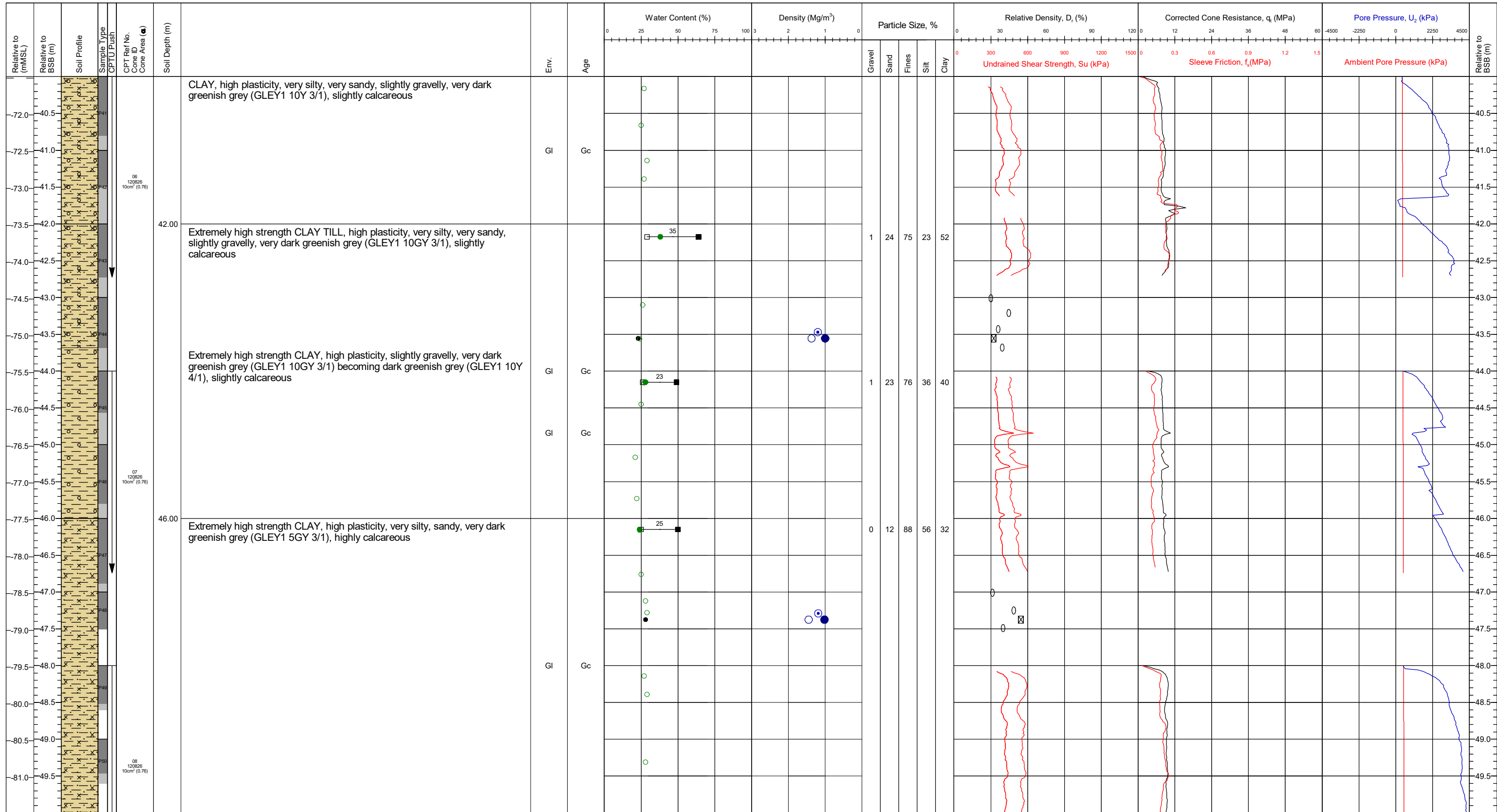


KEY TO SOIL PROFILE

<ul style="list-style-type: none"> SILT SAND CHALK CLAY GRAVEL PEAT COBBLES Mixed Soil 	<p>Area: Kattegat Sea</p> <p>Contract: 11596</p> <p>Client Name / Ref: Energinet Eltransmission A/S / 384_20_ENE</p> <p>Vessel: MV Ocean Vantage</p> <p>Method: Wilson</p>	<p>Coordinates: 678372.1E 6256261.3N</p> <p>Latitude / Longitude: [Blank]</p> <p>Water Depth (mMSL): -31.5</p> <p>Date of Test (Start-End): [Blank]</p> <p>Final Borehole Depth: 57.00m</p>	<p>CRS: ETRS89</p> <p>Comments: Boreholes CB11-BH and CB11a-BH Combined.</p>	<p>QC Status</p> <table border="1"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC (05/06/2021)</td> <td>DR (10/06/2021)</td> <td>SMc (10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	<p>Location Names: CB11-BH</p>
Preliminary	Draft	Final									
JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)									

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



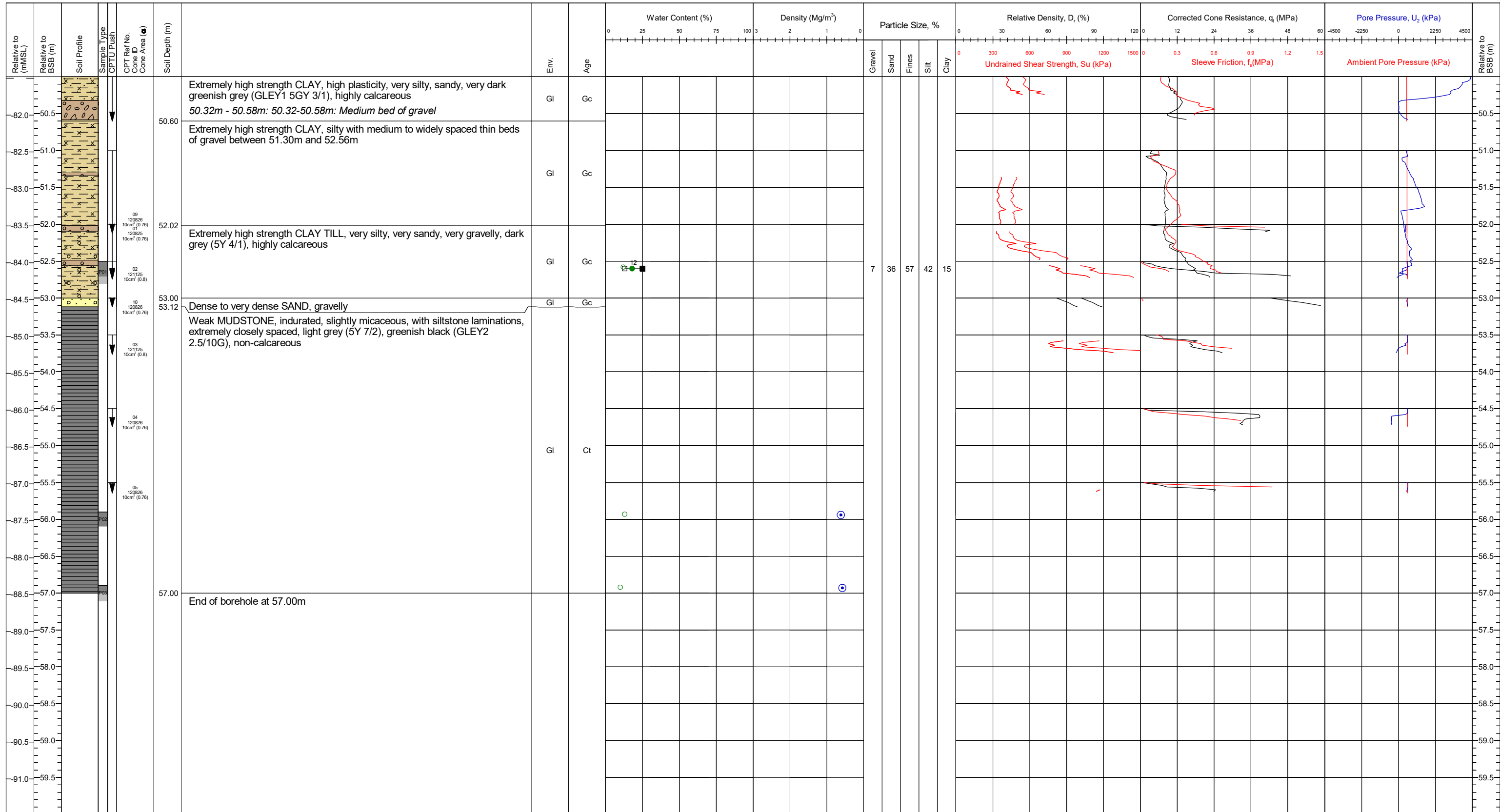
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status			Location Names CB11-BH
Contract	11596	Latitude / Longitude		Comments: Boreholes CB11-BH and CB11a-BH Combined.	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5		JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 5/6
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	Wilson	Final Borehole Depth	57.00m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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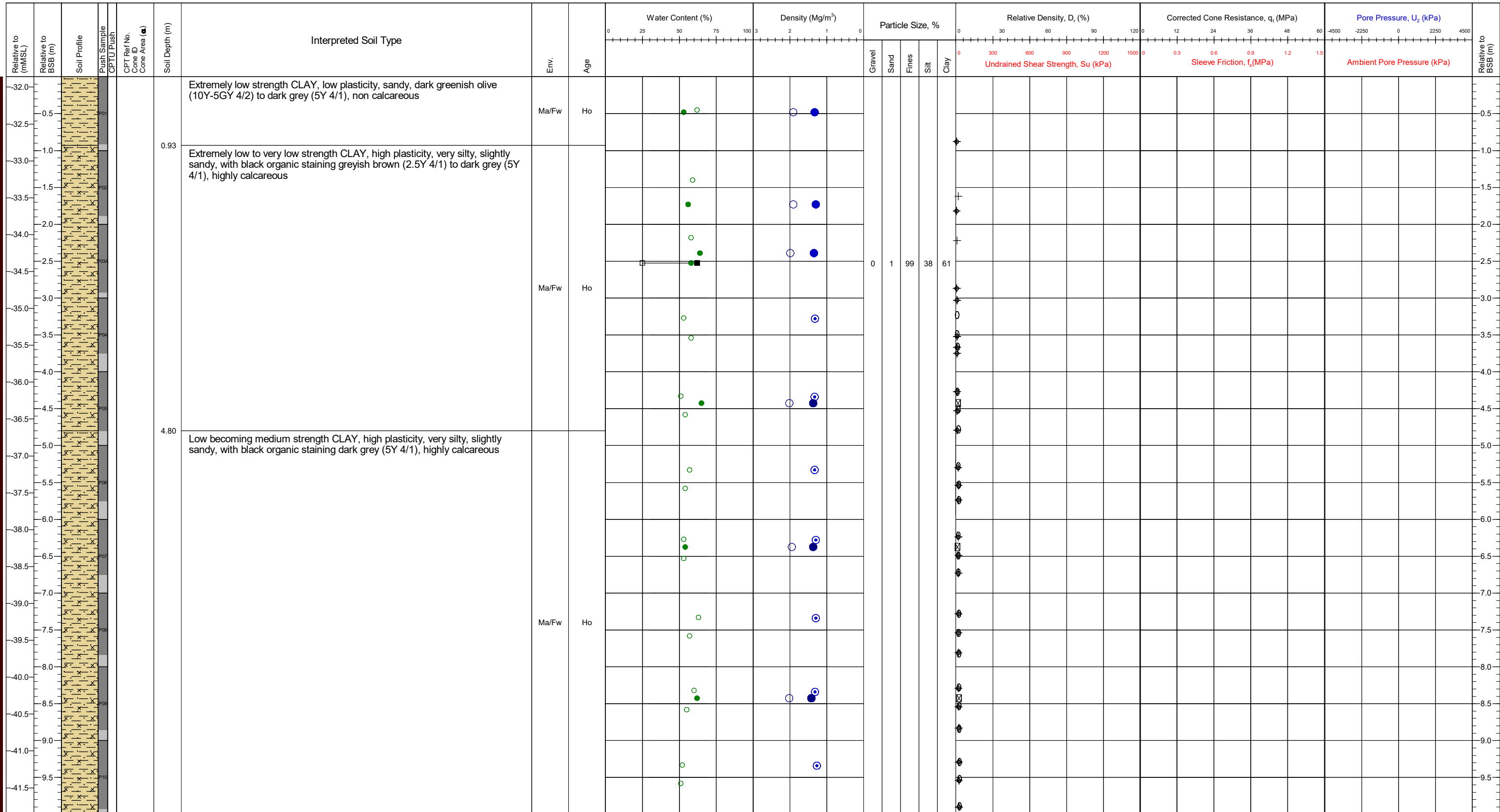
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678372.1E 6256261.3N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (05/06/2021) DR (10/06/2021) SMc (10/11/2021)	Location Names CB11-BH CB11a-BH
Contract	11596	Latitude / Longitude		Comments: Boreholes CB11-BH and CB11a-BH Combined.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.5			
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	Wilson	Final Borehole Depth	57.00m			Page: 6/6

Preliminary Investigation, Hesselø OWF

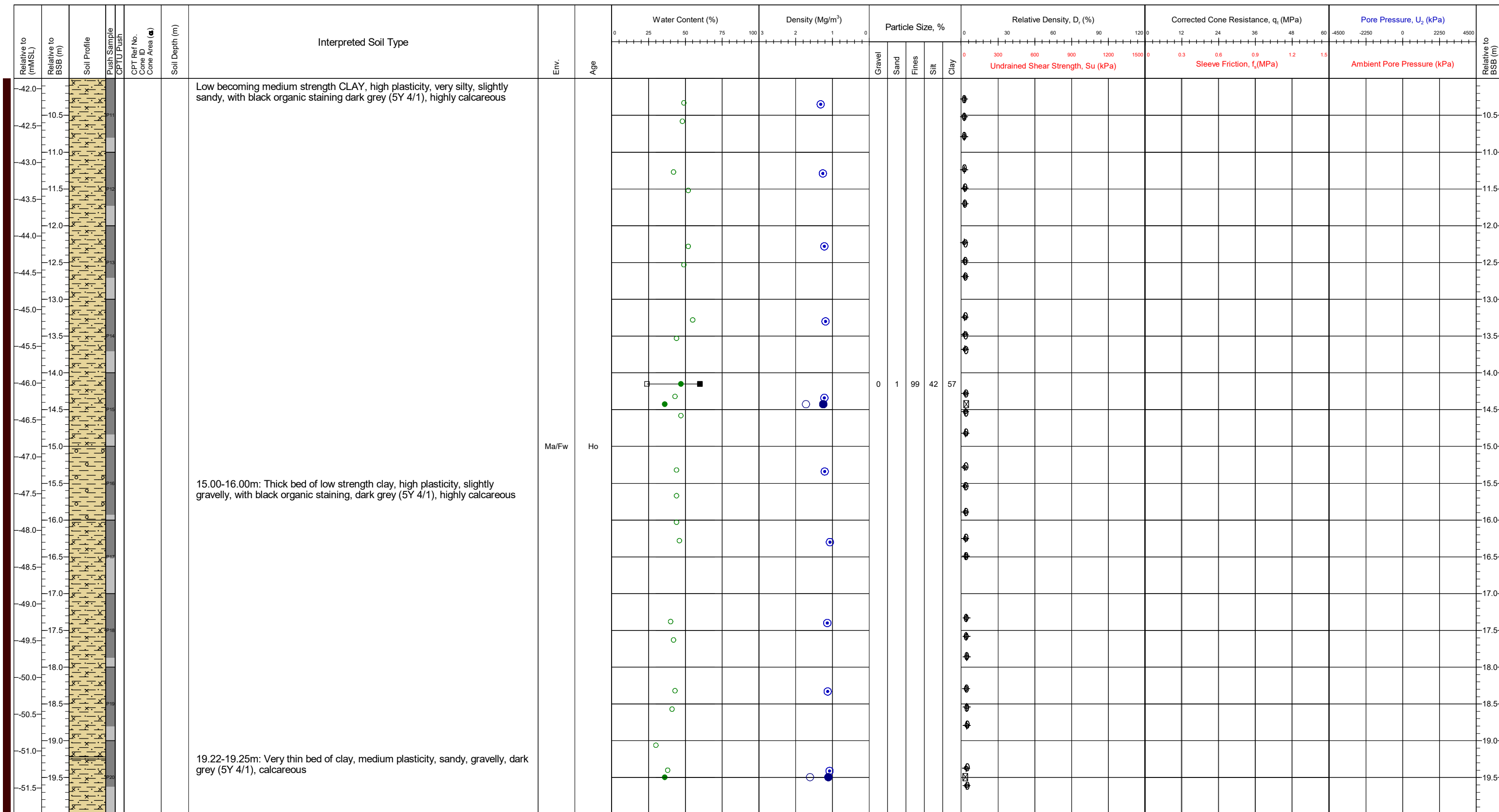
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE	Area	Coordinates	QC Status	Location Name
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> SILT</div> <div style="width: 50%;"> CLAY</div> <div style="width: 33%;"> SAND</div> <div style="width: 33%;"> GRAVEL</div> <div style="width: 33%;"> COBBLES</div> <div style="width: 33%;"> CHALK</div> <div style="width: 33%;"> PEAT</div> <div style="width: 33%;"> Mixed Soil</div> </div> <p style="font-size: small; margin-top: 5px;">Assumed Unit Weight: 20 - 16 kN/m³ K_c: 0.5 - 2.0 N_c: 15 - 20 N_{cr}: 12.5 - 16.5</p>	Kattegat Sea 11596 Energinet Eltransmission A/S / 384_20_ENE MV Ocean Vantage Wilson	677450.4E 6270639.0N Latitude / Longitude -31.9 Date of Test (Start-End) 02/06/2021 - 03/06/2021 Final Borehole Depth 70.00m	Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods Preliminary Draft Final JK/BC DR SMc <small>(02/06/2021)</small> <small>(10/06/2021)</small> <small>(10/11/2021)</small>	CB12-BH <small>Page: 1/7</small>

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

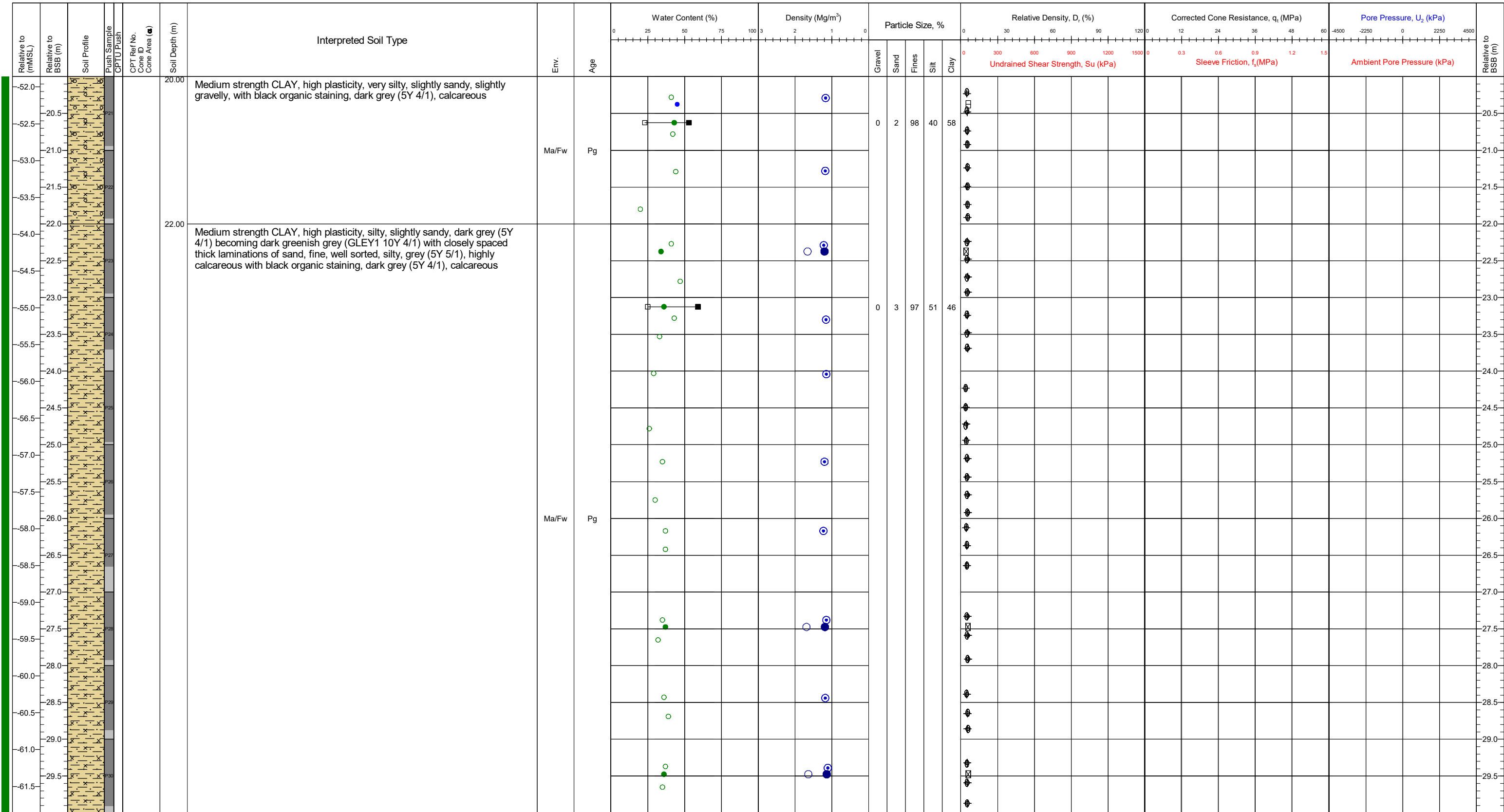
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 15 - 20
 N_v: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677450.4E 6270639.0N	CRS: ETRS89	QC Status			Location Name	
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9	Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wison CPT and push sampling methods					
Vessel	MV Ocean Vantage	Date of Test (Start-End)	02/06/2021 - 03/06/2021						
Method	Wison	Final Borehole Depth	70.00m						
				JK/BC (02/06/2021)			DR (10/06/2021)	SMc (10/11/2021)	Page: 2/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

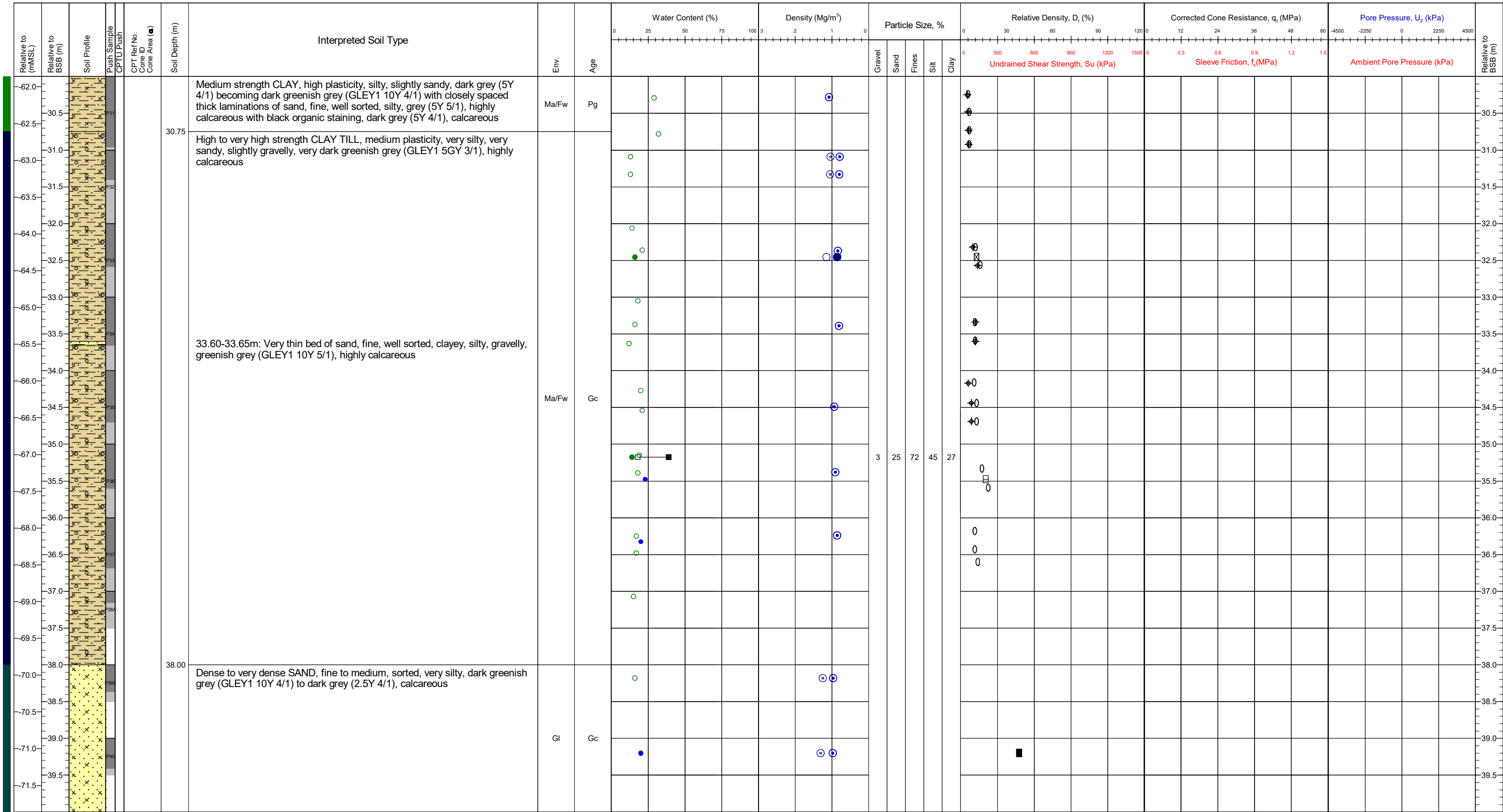
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	677450.4E 6270639.0N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude			Preliminary	Draft	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9	Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wison CPT and push sampling methods	Final	CB12-BH	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	02/06/2021 - 03/06/2021		JK/BC	DR	SMc
Method	Wison	Final Borehole Depth	70.00m		(02/06/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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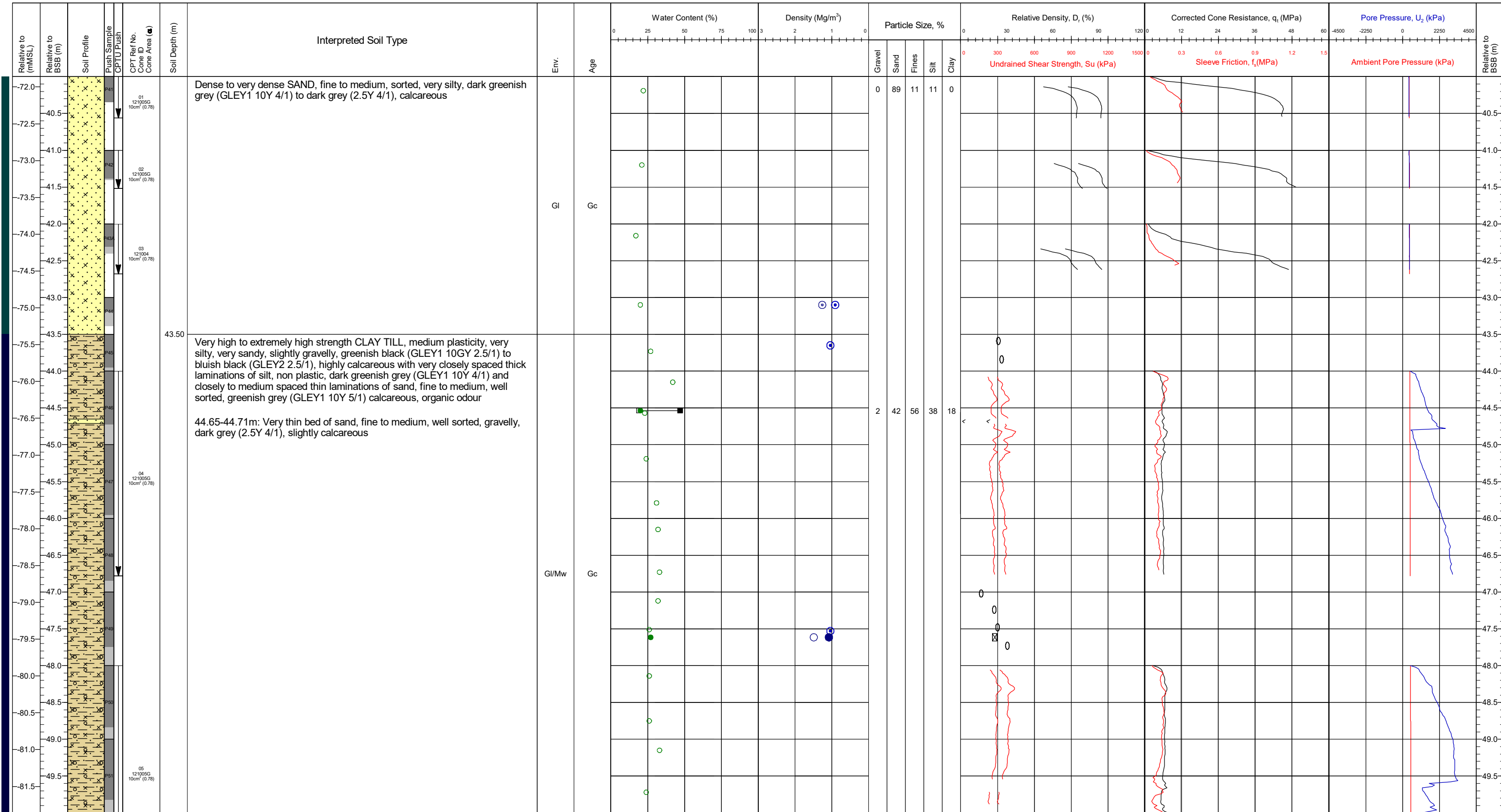
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	677450.4E 6270639.0N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wison CPT and push sampling methods	Preliminary	CB12-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	02/06/2021 - 03/06/2021		JK/BC (02/06/2021)	DR (10/06/2021)
Method	Wison	Final Borehole Depth	70.00m			Page: 4/7



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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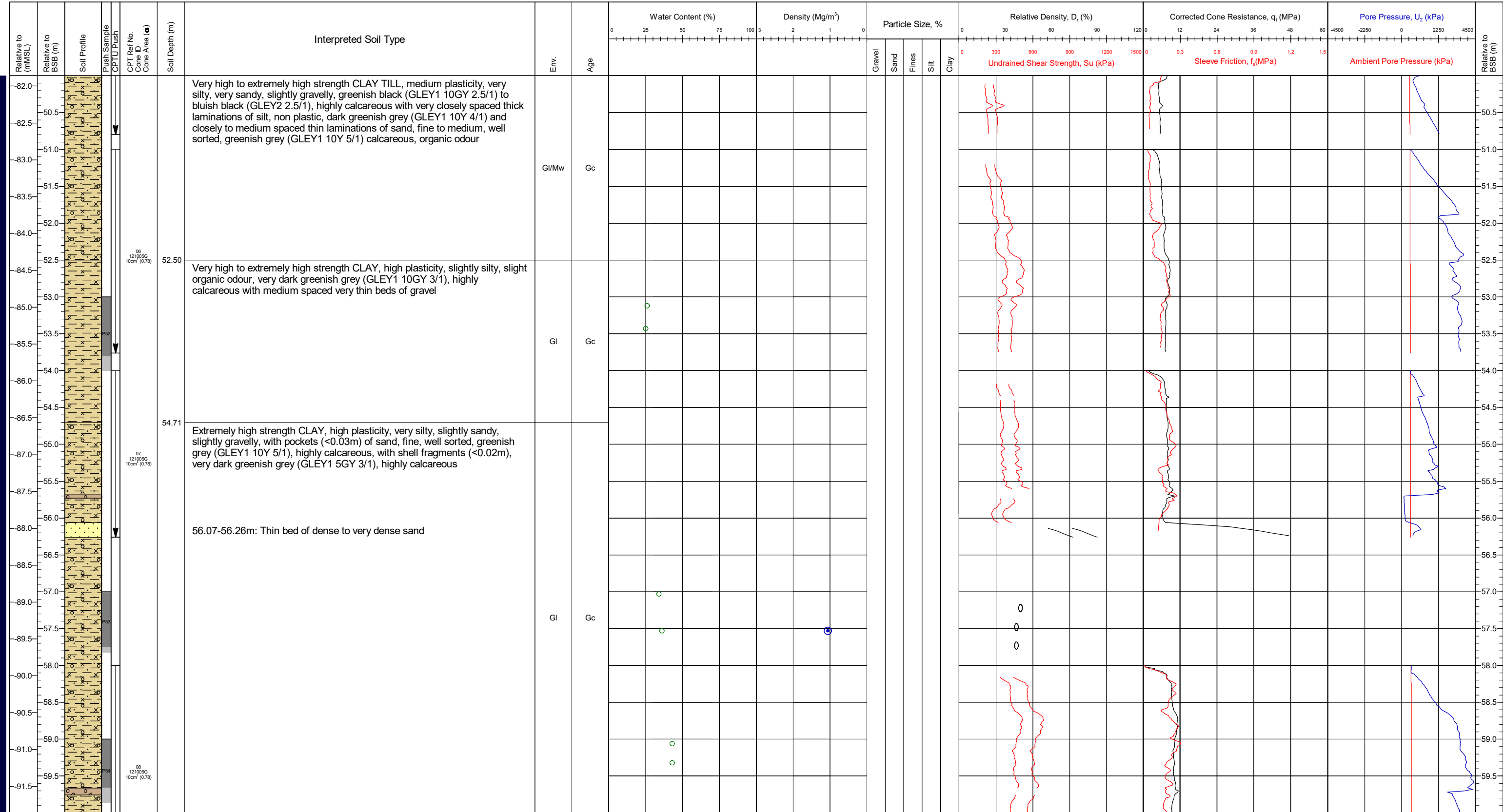


Area	Kattegat Sea	Coordinates	677450.4E 6270639.0N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Name CB12-BH
Contract	11596	Latitude / Longitude	Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods			
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9			
Vessel	MV Ocean Vantage	Date of Test (Start-End)	02/06/2021 - 03/06/2021		JK/BC (02/06/2021)	DR (10/06/2021)
Method	Wilson	Final Borehole Depth	70.00m		SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



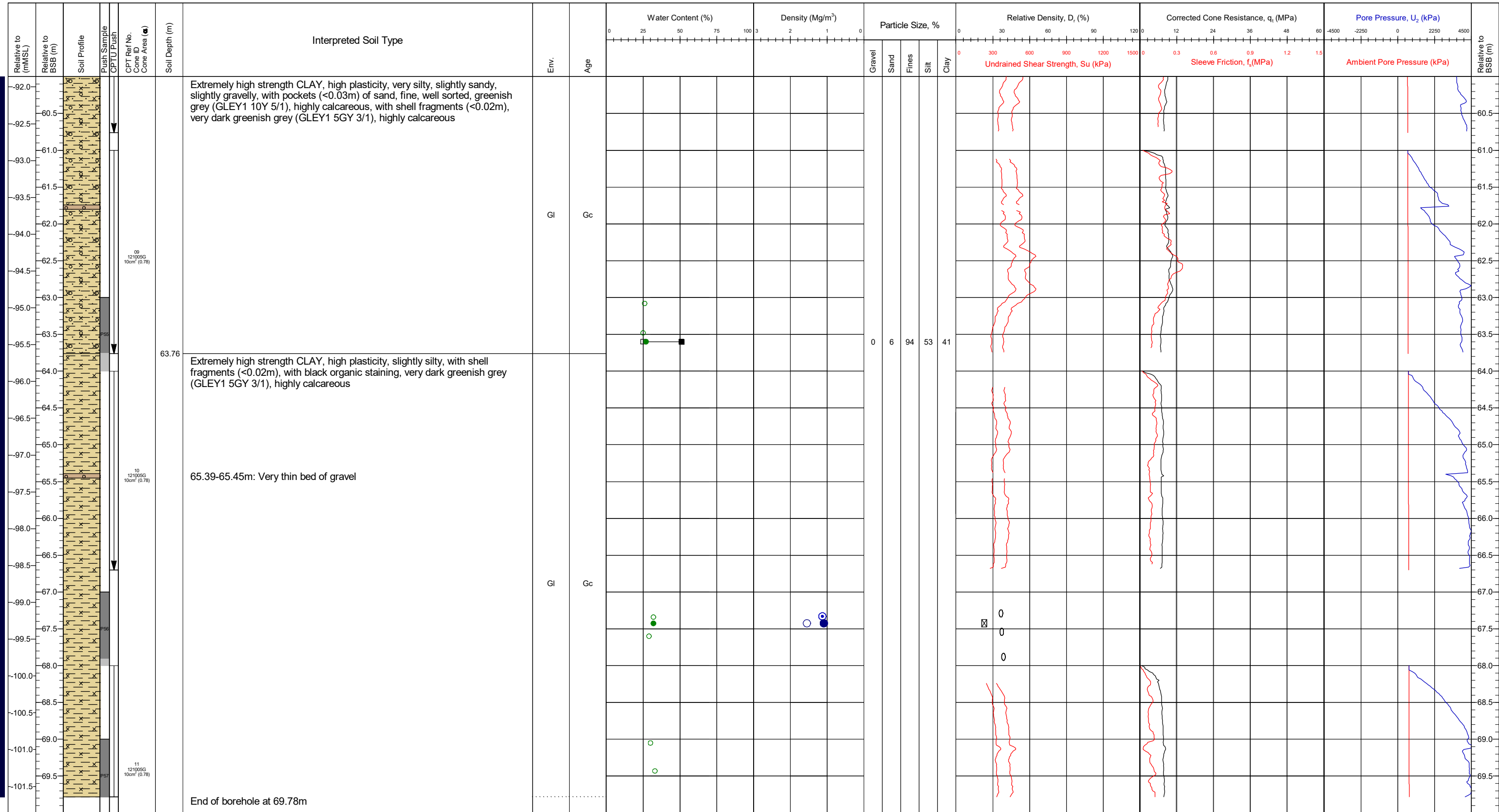
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	COBBLES		Mixed Soil	

Area	Kattegat Sea	Coordinates	677450.4E 6270639.0N	CRS: ETRS89	QC Status			Location Name CB12-BH
Contract	11596	Latitude / Longitude		Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9					
Vessel	MV Ocean Vantage	Date of Test (Start-End)	02/06/2021 - 03/06/2021		JK/BC (02/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	Wilson	Final Borehole Depth	70.00m				Page: 6/7	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

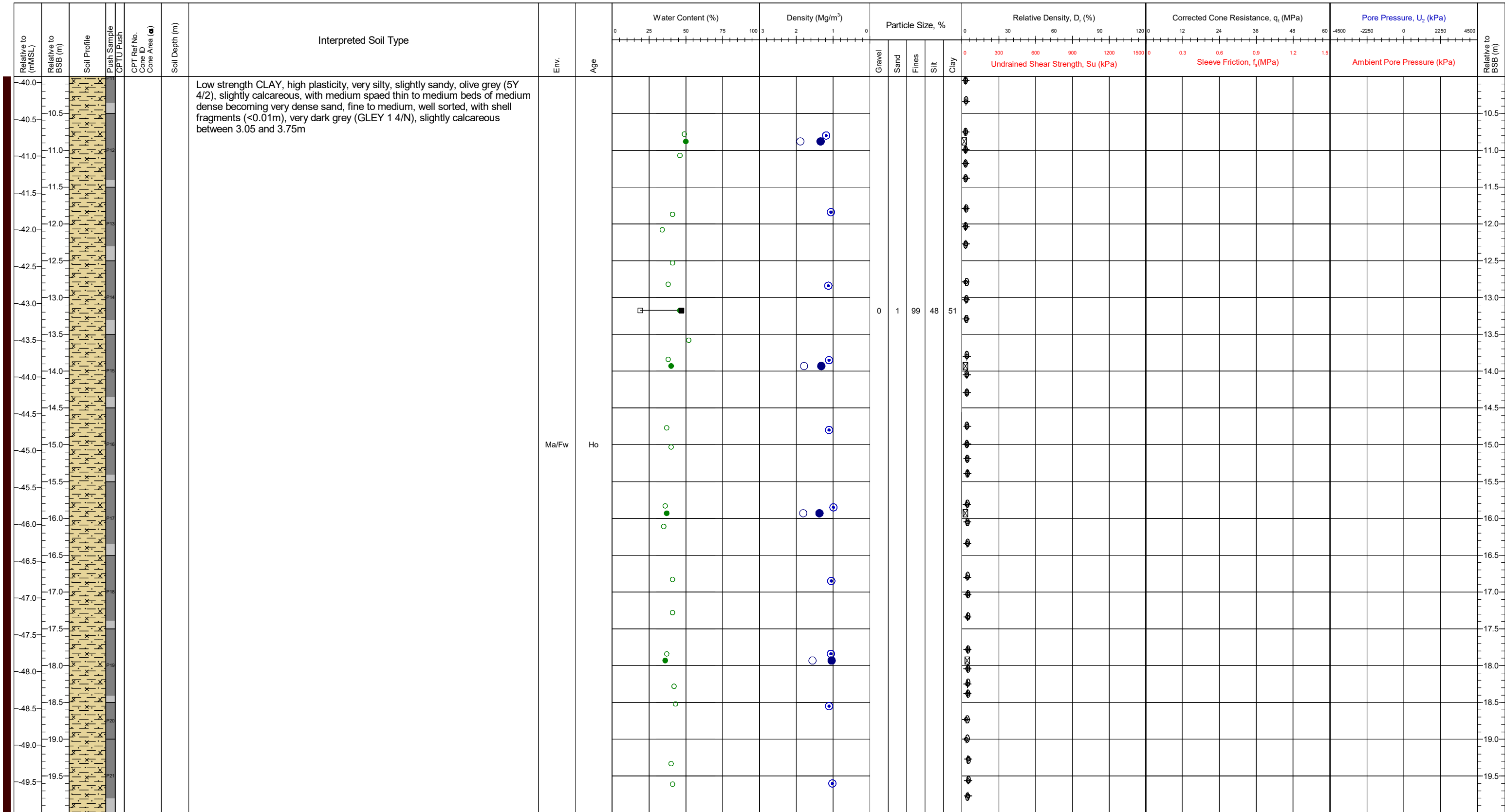
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677450.4E 6270639.0N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude		Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods	Preliminary	CB12-BH	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.9		Draft		
Vessel	MV Ocean Vantage	Date of Test (Start-End)	02/06/2021 - 03/06/2021		Final		
Method	Wilson	Final Borehole Depth	70.00m		JK/BC (02/06/2021)	DR (10/06/2021)	SMc (10/11/2021)

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

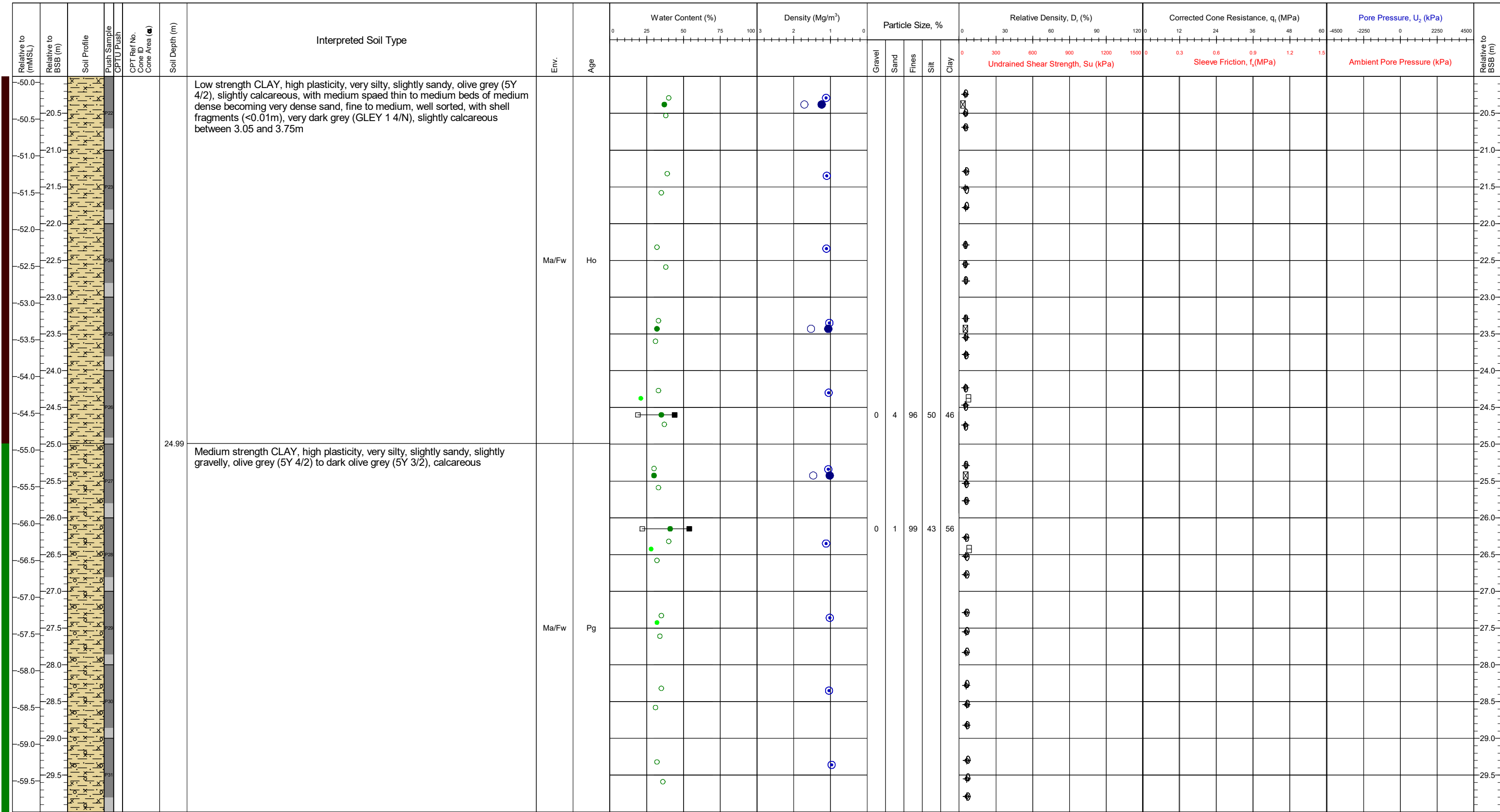


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	670639.2E 6262915.3N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods	Preliminary	CB13-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-29.9		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	12/05/2021 - 14/05/2021		Final	
Method	Wilson	Final Borehole Depth	66.50m		JK/BC (14/05/2021) DR (10/06/2021) SMC (10/11/2021)	Page: 2/7

Preliminary Investigation, Hesselø OWF BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

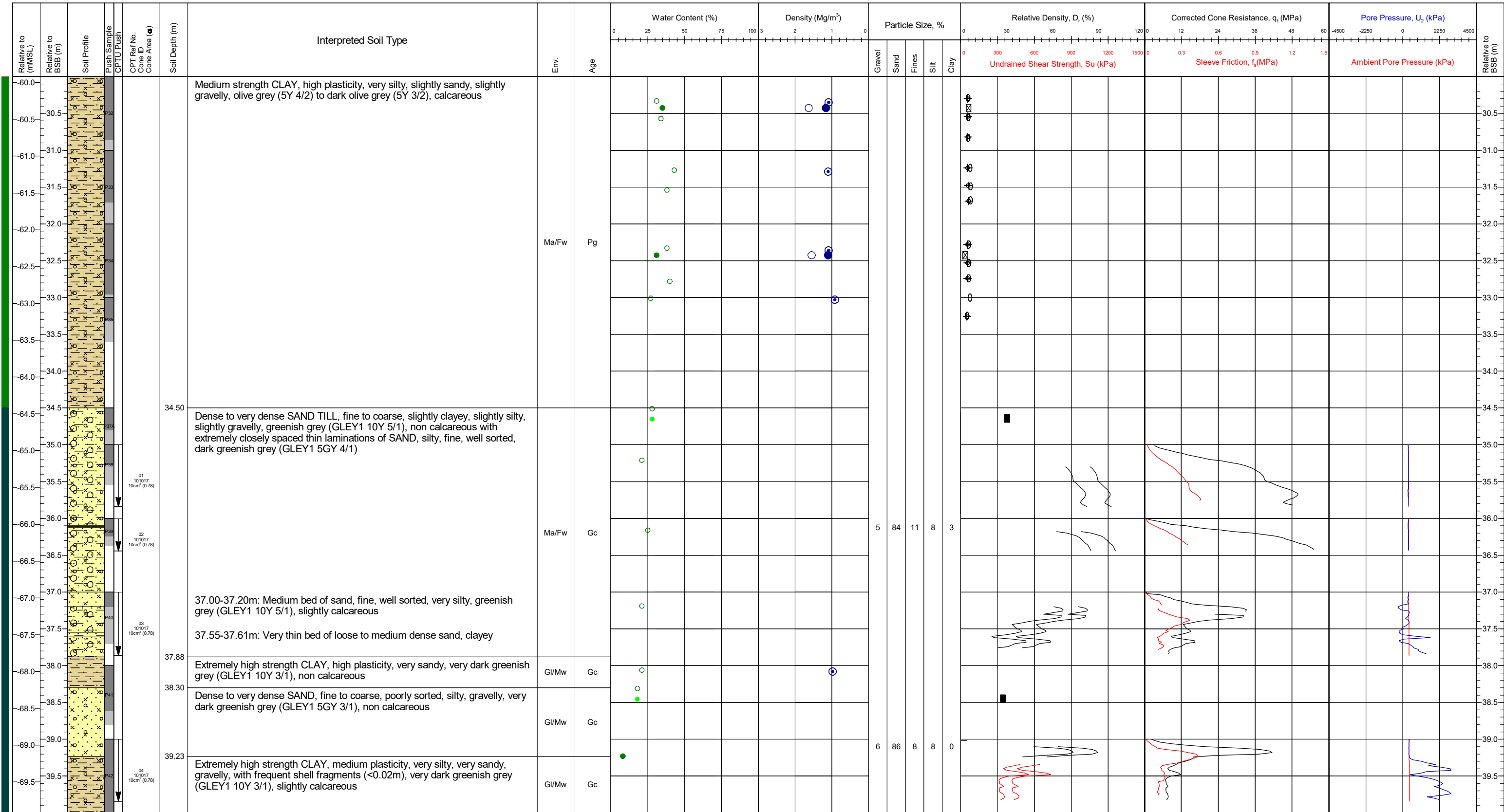
SILT	CLAY
SAND	GRAVEL
CHALK	PEAT
COBBLES	Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	670639.2E 6262915.3N	CRS: ETRS89	QC Status			Location Name CB13-BH
Contract	11596	Latitude / Longitude	Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods		Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-29.9					JK/BC (14/05/2021) DR (10/06/2021) SMC (10/11/2021)
Vessel	MV Ocean Vantage	Date of Test (Start-End)	12/05/2021 - 14/05/2021					
Method	Wison	Final Borehole Depth	66.50m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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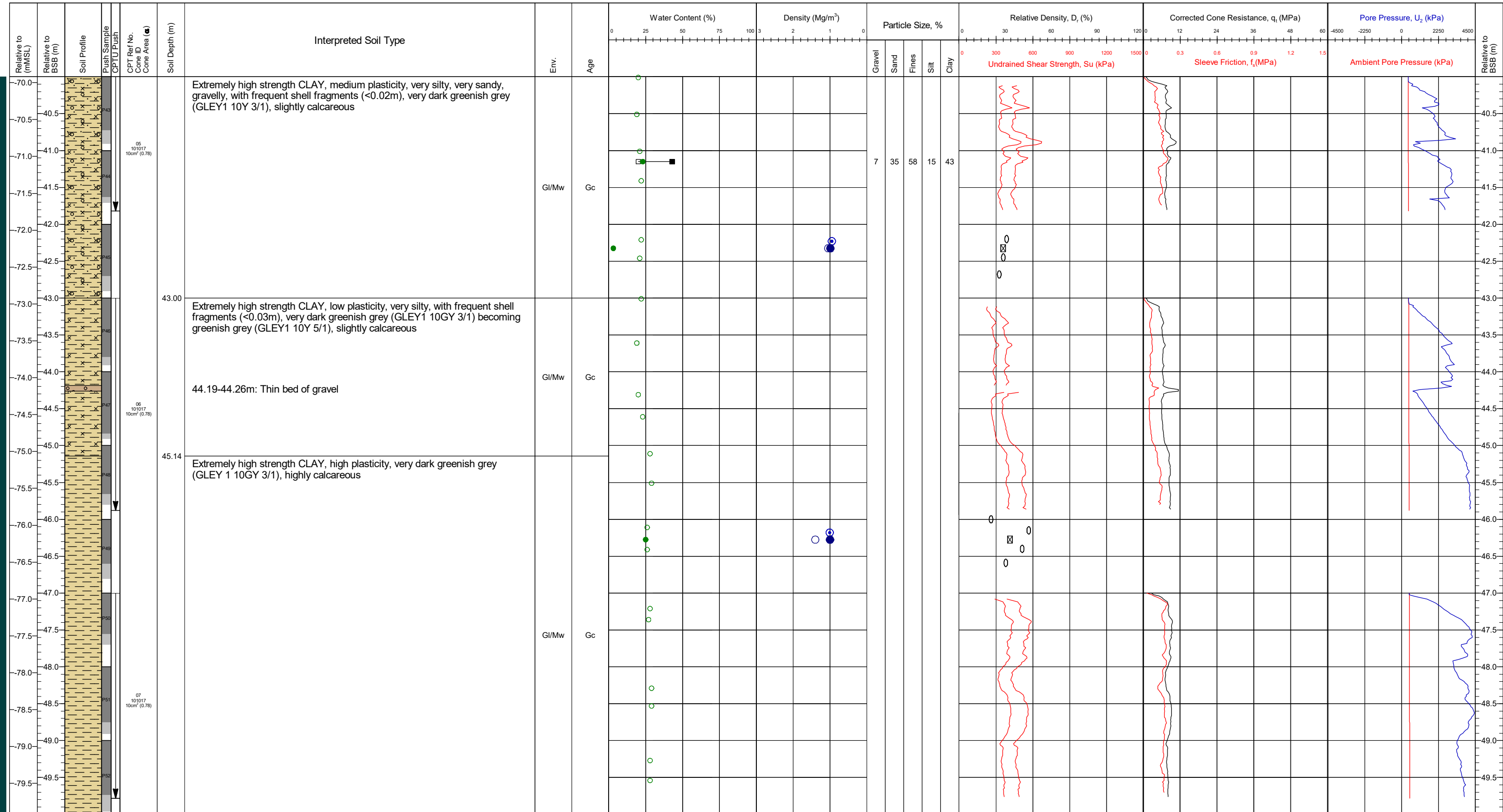
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_c: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	670639.2E 6262915.3N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude		Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods	Preliminary	CB13-BH	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-29.9		Draft		
Vessel	MV Ocean Vantage	Date of Test (Start-End)	12/05/2021 - 14/05/2021		Final		
Method	Wilson	Final Borehole Depth	66.50m				
					JK/BC (14/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



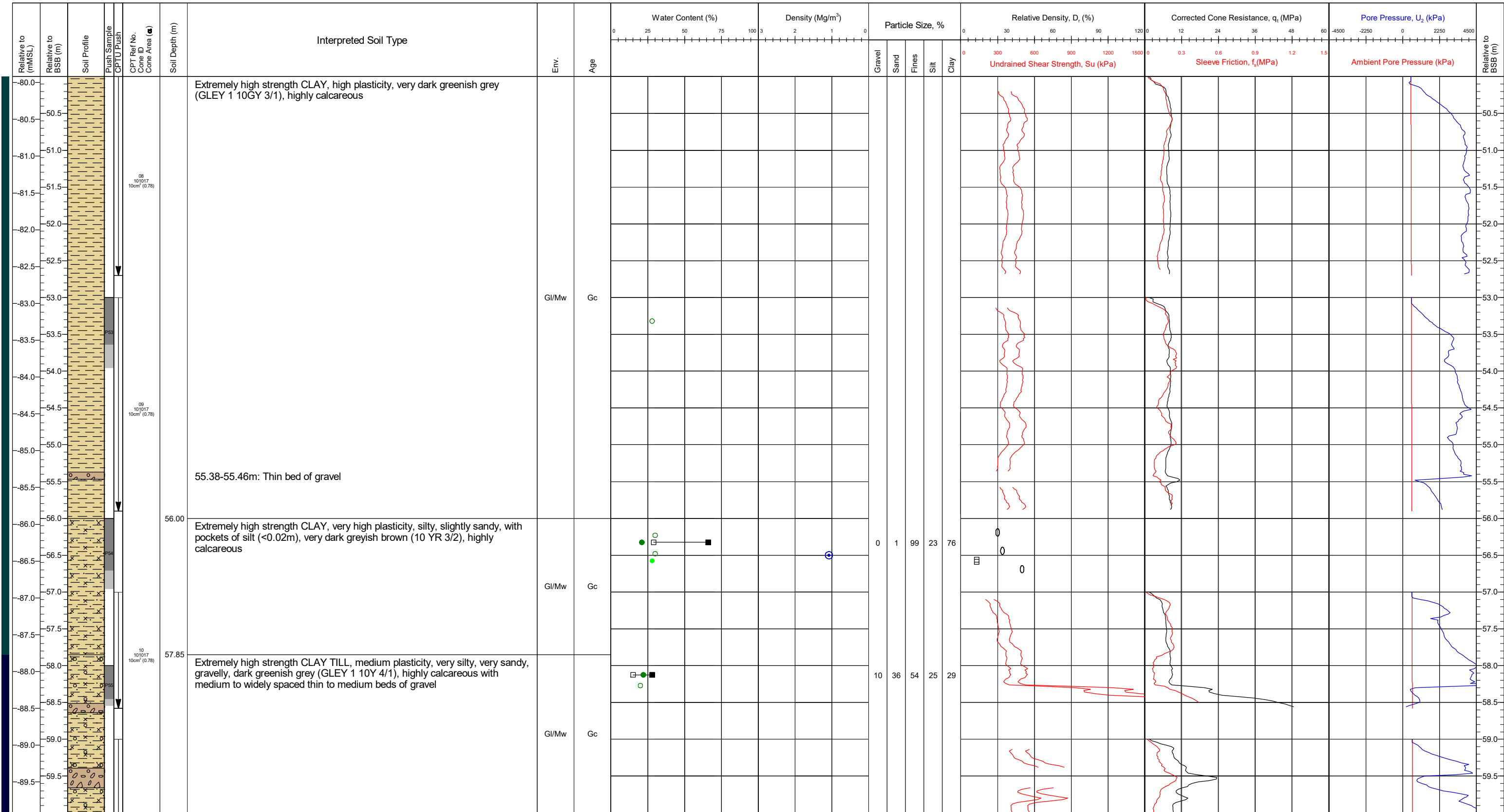
KEY TO SOIL PROFILE

x x x SILT — — — CLAY
. . . SAND ○ ○ ○ GRAVEL ● ● ● COBBLES
— — — CHALK ⚪ ⚪ ⚪ PEAT x o x Mixed Soil
 Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0 N_{cr}: 15 - 20 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	670639.2E 6262915.3N	CRS: ETRS89	QC Status			Location Name CB13-BH
Contract	11596	Latitude / Longitude		Preliminary Draft Final				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-29.9	Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods				
Vessel	MV Ocean Vantage	Date of Test (Start-End)	12/05/2021 - 14/05/2021	JK/BC (14/05/2021)	DR (10/06/2021)	SMc (10/11/2021)		
Method	Wison	Final Borehole Depth	66.50m	Page: 5/7				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



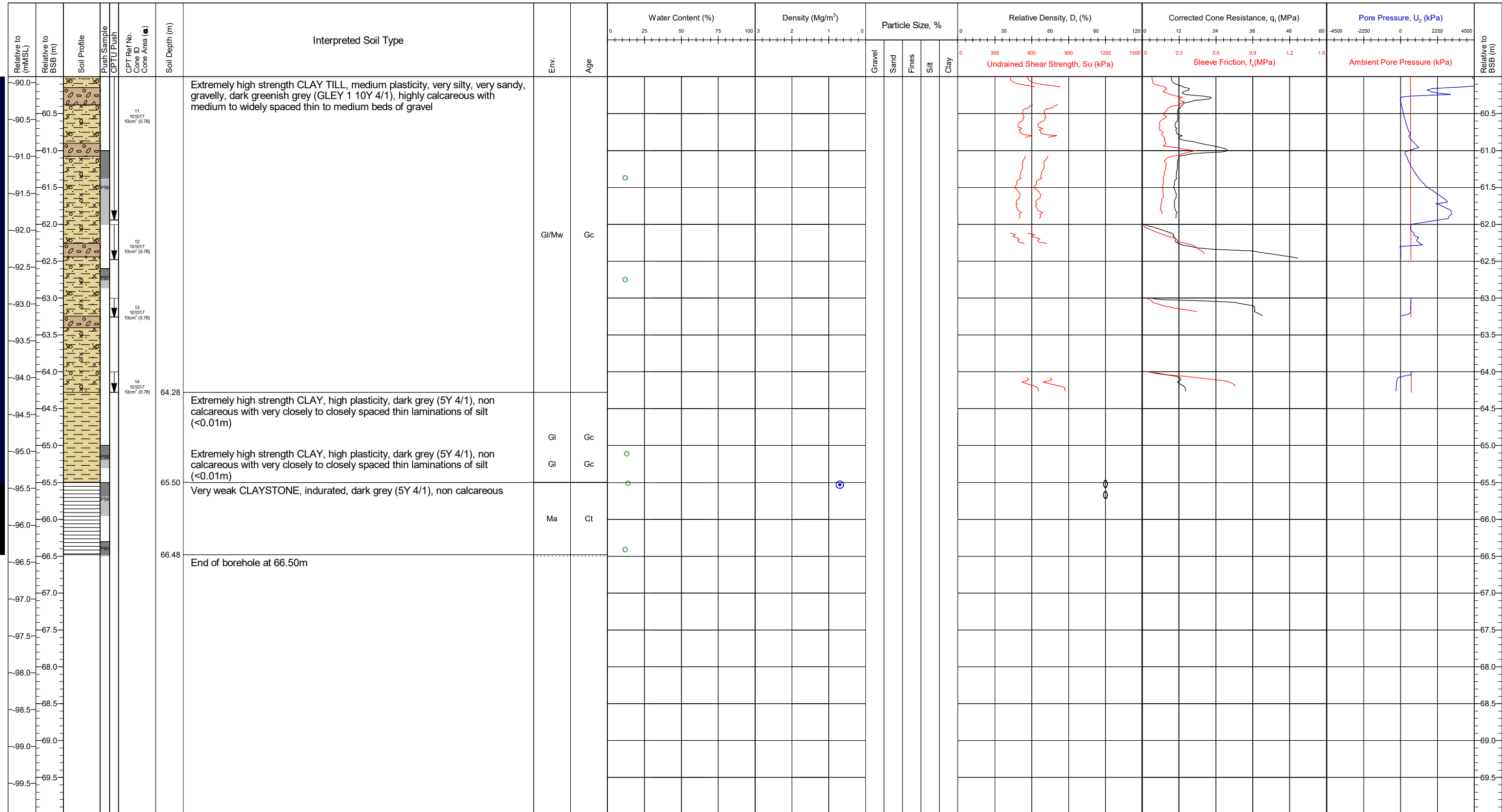
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	670639.2E 6262915.3N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods	Preliminary	Draft	Final	CB13-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-29.9		JK/BC (14/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	12/05/2021 - 14/05/2021					Page: 6/7
Method	Wilson	Final Borehole Depth	66.50m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

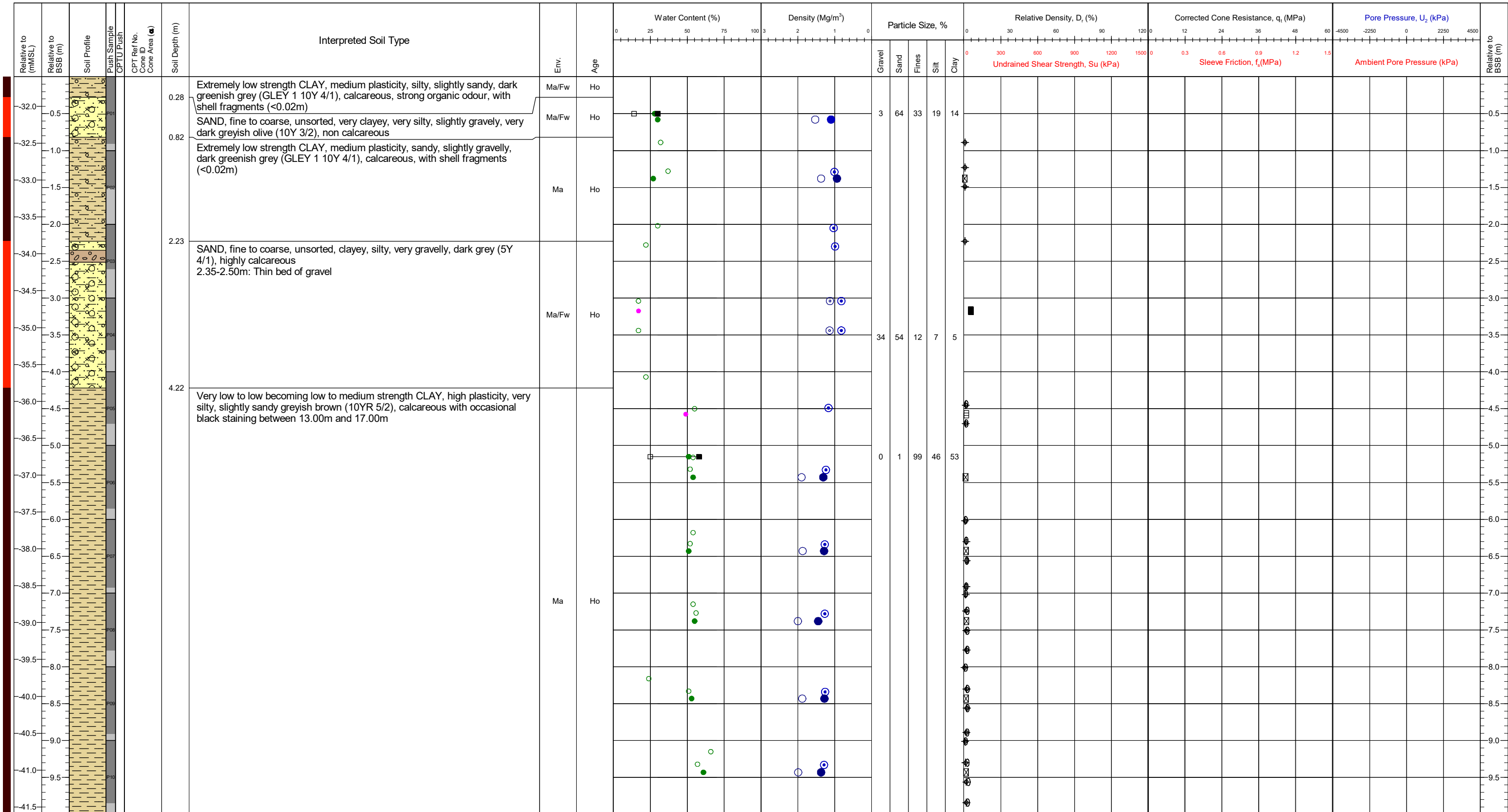


KEY TO SOIL PROFILE				
	SILT		CLAY	
	SAND		GRAVEL	
	CHALK		PEAT	
	COBBLES		Mixed Soil	
Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5				

Area	Kattegat Sea	Coordinates	670639.2E 6262915.3N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods	Preliminary	Draft	Final	CB13-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-29.9					
Vessel	MV Ocean Vantage	Date of Test (Start-End)	12/05/2021 - 14/05/2021					
Method	Wilson	Final Borehole Depth	66.50m					
						JK/BC <small>(14/05/2021)</small>	DR <small>(10/06/2021)</small>	
								Page: 7/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



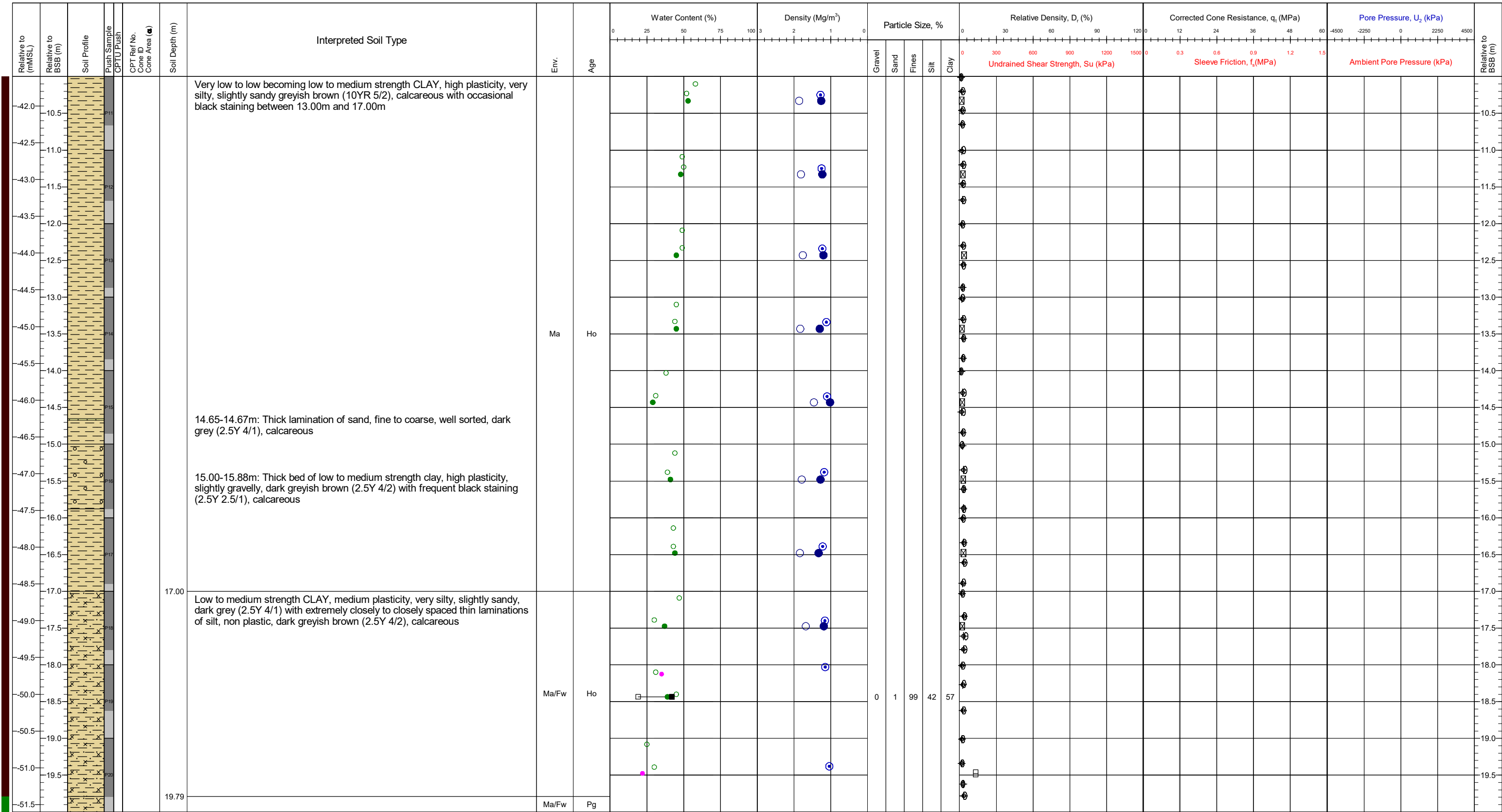
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
			COBBLES	
			Mixed Soil	

Area	Kattegat Sea	Coordinates	680529.7E 6252848.4N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB14-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6	Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)	20/05/2021 - 21/05/2021					
Method	Wison	Final Borehole Depth	62.35m		JK/BC (21/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 1/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



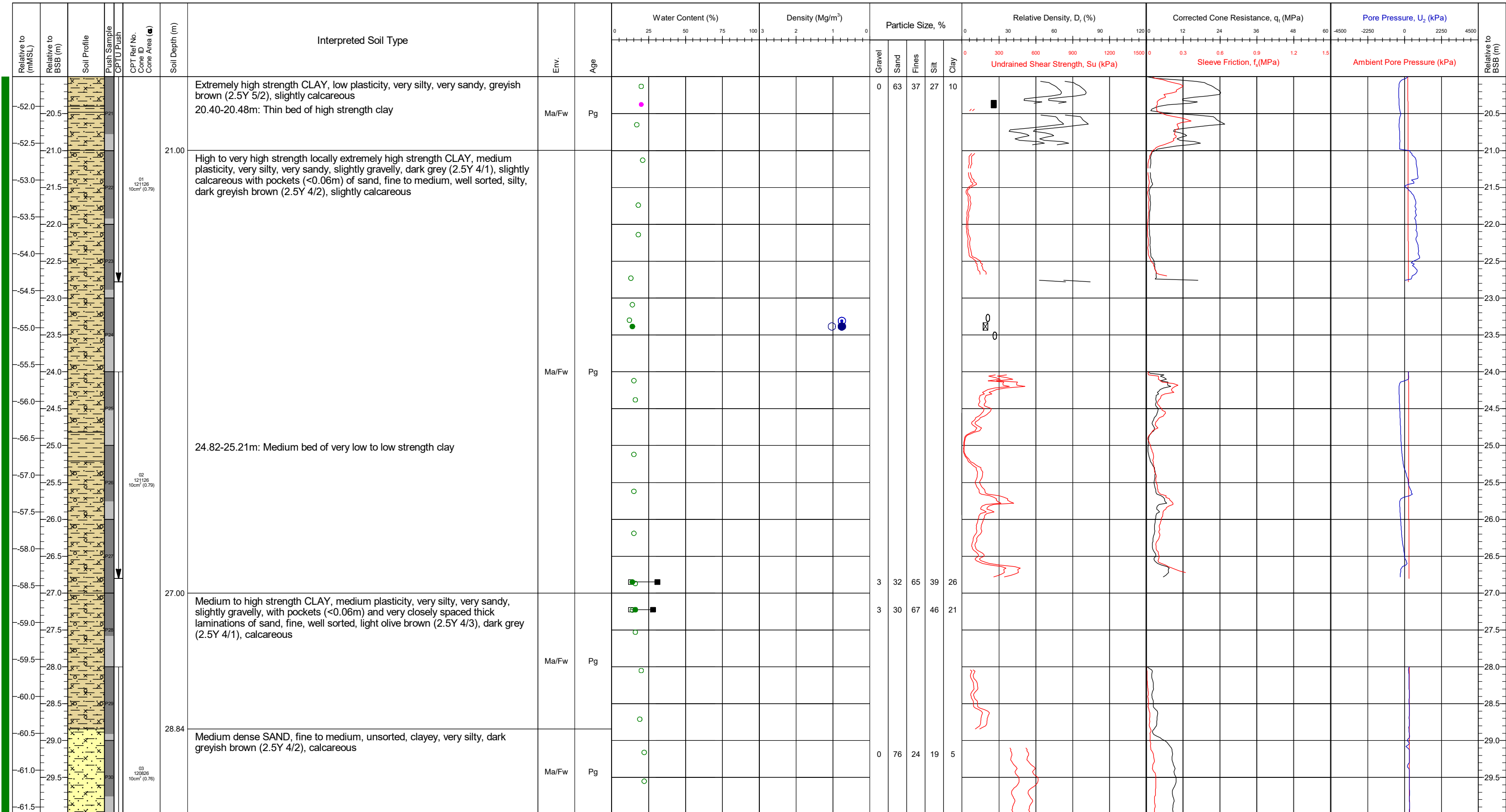
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	680529.7E 6252848.4N	CRS: ETRS89	QC Status			Location Name CB14-BH
Contract	11596	Latitude / Longitude		Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		JK/BC (21/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	20/05/2021 - 21/05/2021					
Method	Wison	Final Borehole Depth	62.35m					Page: 2/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

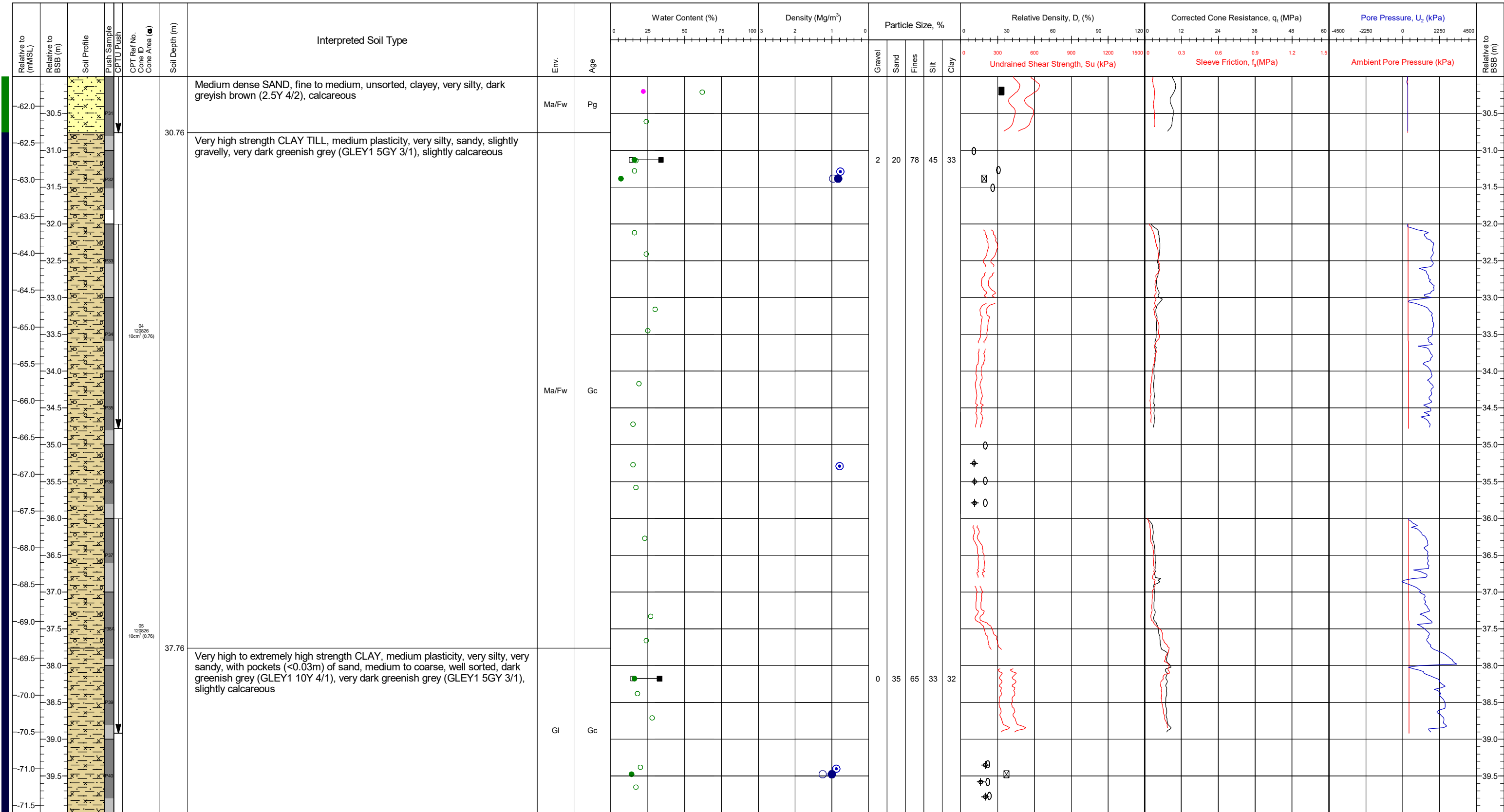
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	680529.7E 6252848.4N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6	Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)	20/05/2021 - 21/05/2021			
Method	Wison	Final Borehole Depth	62.35m			
				Preliminary	Draft	Final
				JK/BC (21/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
				Page: 3/7		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

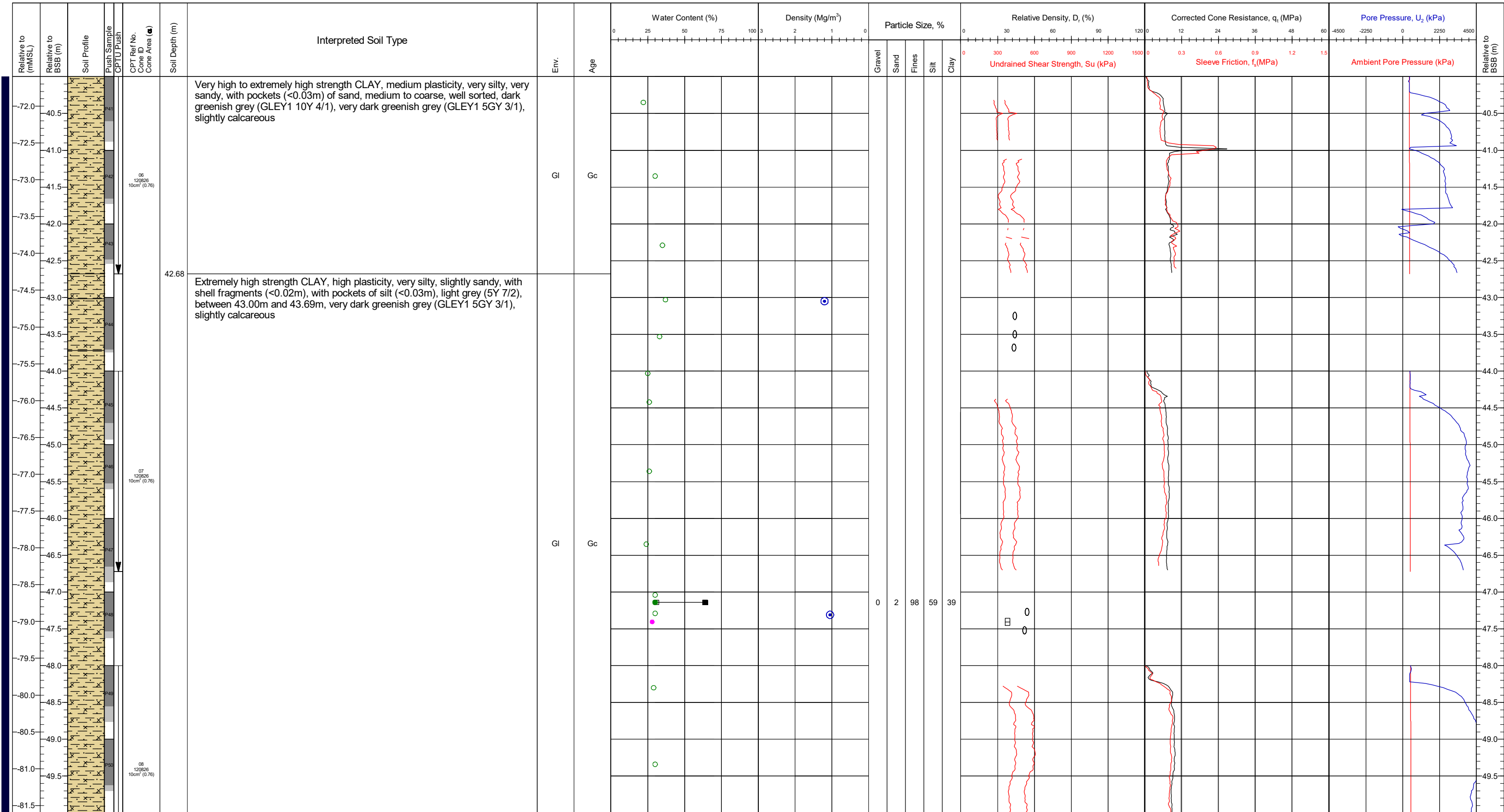


KEY TO SOIL PROFILE

<p> SILT</p> <p> SAND</p> <p> CHALK</p> <p> CLAY</p> <p> GRAVEL</p> <p> PEAT</p> <p> COBBLES</p> <p> Mixed Soil</p>	<p>Assumed Unit Weight: 20 - 16 kN/m³</p> <p>K_s: 0.5 - 2.0</p> <p>N_{cr}: 15 - 20</p> <p>N_{cr}: 12.5 - 16.5</p>	<p>Area: Kattegat Sea</p> <p>Contract: 11596</p> <p>Client Name / Ref: Energinet Eltransmission A/S / 384_20_ENE</p> <p>Vessel: MV Ocean Vantage</p> <p>Method: Wilson</p>	<p>Coordinates: 680529.7E 6252848.4N</p> <p>Latitude / Longitude</p> <p>Water Depth (mMSL): -31.6</p> <p>Date of Test (Start-End): 20/05/2021 - 21/05/2021</p> <p>Final Borehole Depth: 62.35m</p>	<p>CRS: ETRS89</p> <p>Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.</p>	<p>QC Status</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC (21/05/2021)</td> <td>DR (10/06/2021)</td> <td>SMc (10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	JK/BC (21/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	<p>Location Name</p> <p style="text-align: center;">CB14-BH</p> <p style="text-align: right; font-size: small;">Page: 4/7</p>
Preliminary	Draft	Final										
JK/BC (21/05/2021)	DR (10/06/2021)	SMc (10/11/2021)										

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

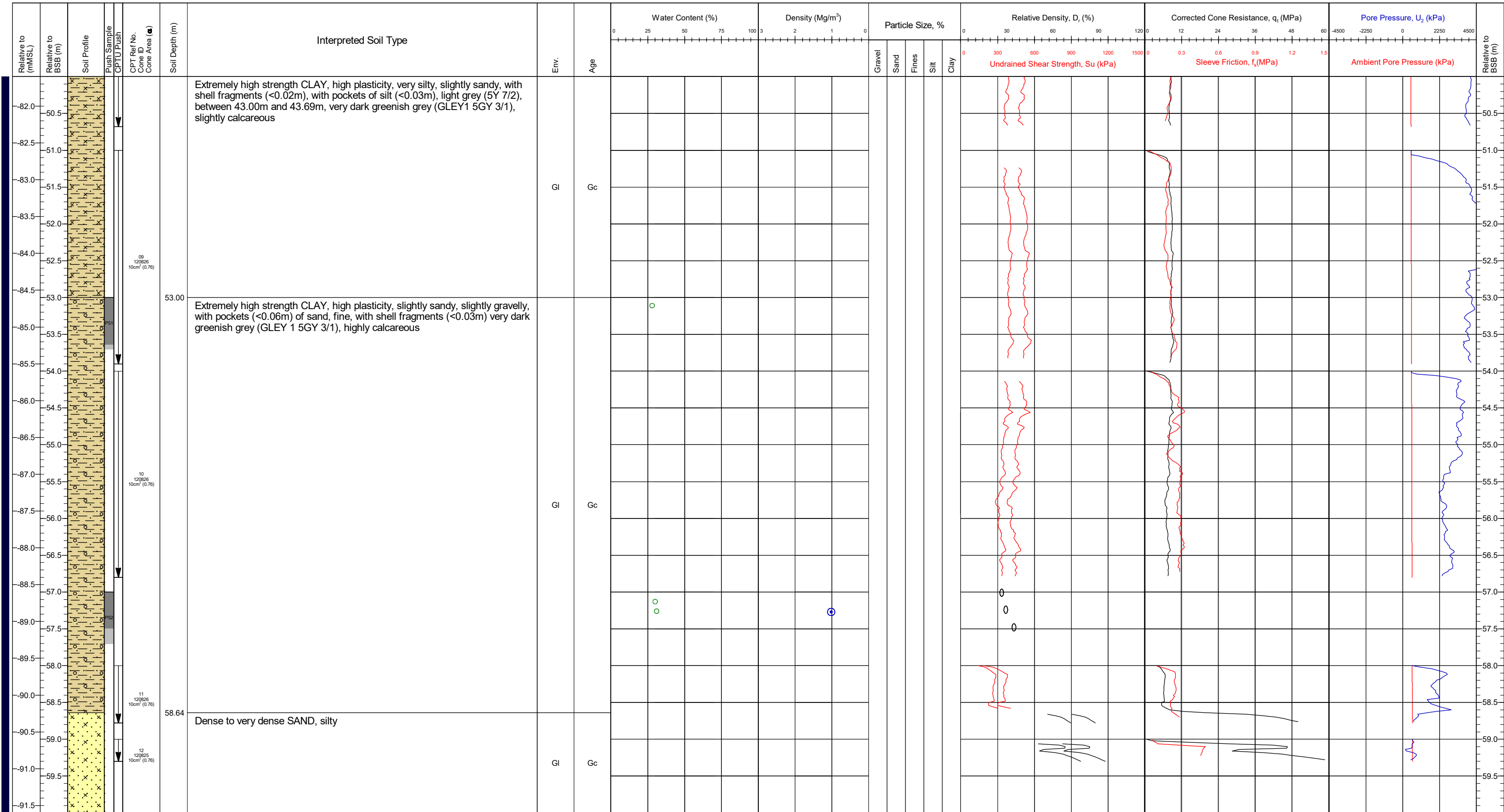
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	680529.7E 6252848.4N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.	Preliminary	Draft	Final	CB14-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		JK/BC (21/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	20/05/2021 - 21/05/2021					
Method	Wilson	Final Borehole Depth	62.35m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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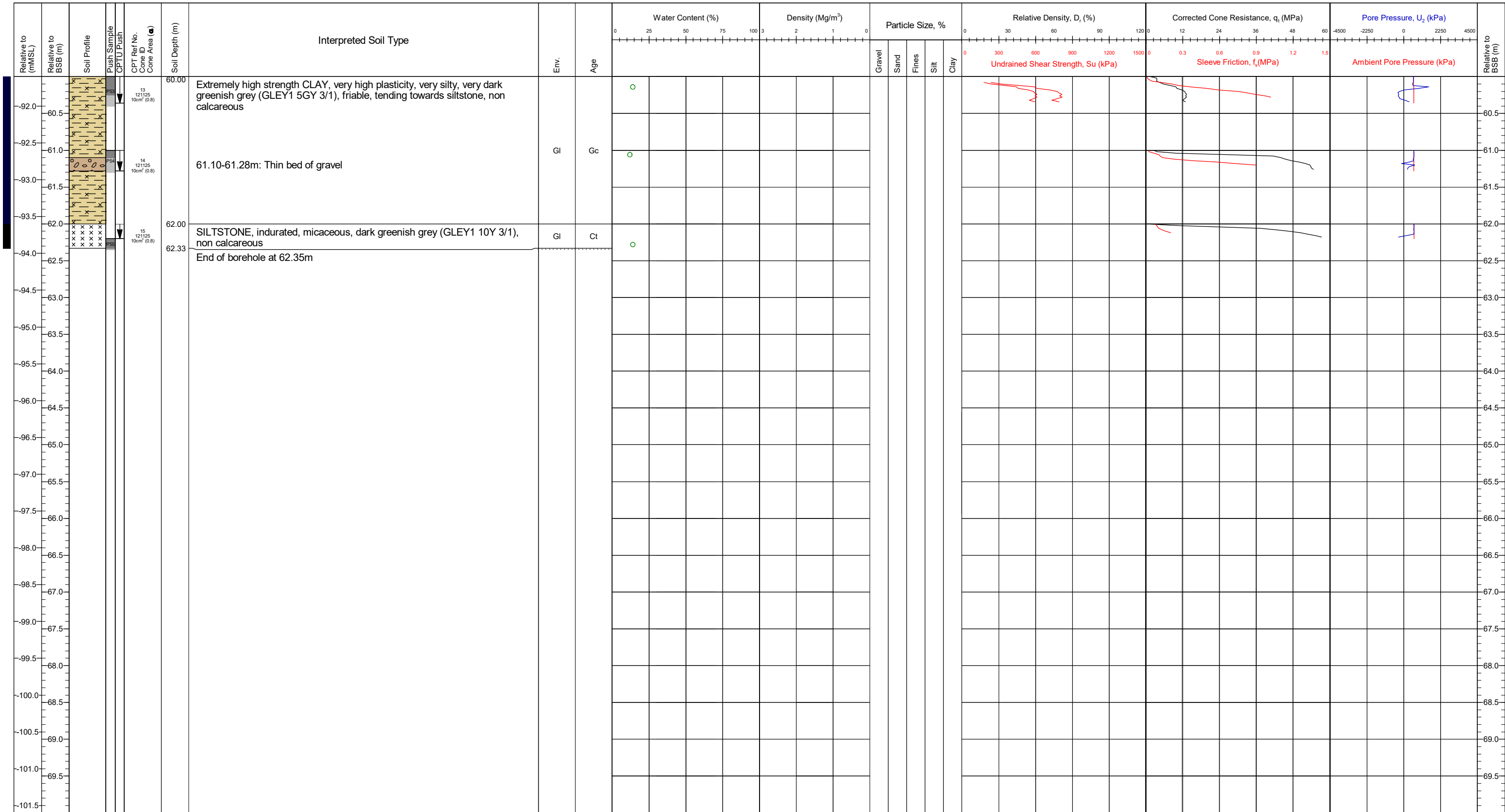
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	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	680529.7E 6252848.4N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	CB14-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		JK/BC	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	20/05/2021 - 21/05/2021		(21/05/2021)	(10/06/2021)	(10/11/2021)	
Method	Wison	Final Borehole Depth	62.35m					Page: 6/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

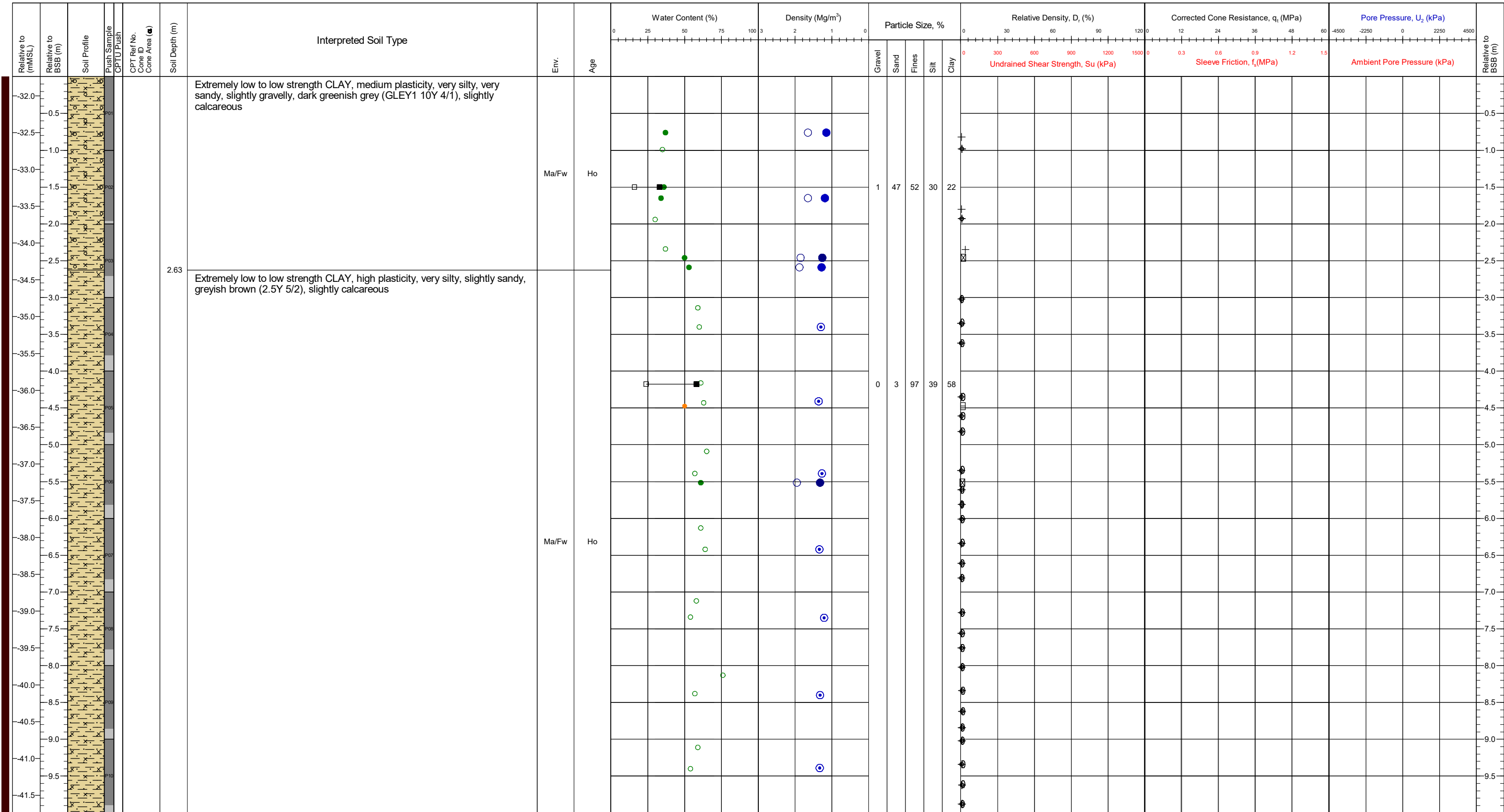
[Symbol]	SILT	[Symbol]	CLAY
[Symbol]	SAND	[Symbol]	GRAVEL
[Symbol]	CHALK	[Symbol]	PEAT
[Symbol]		[Symbol]	Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	680529.7E 6252848.4N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6	Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)	20/05/2021 - 21/05/2021		JK/BC (21/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	Wison	Final Borehole Depth	62.35m				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



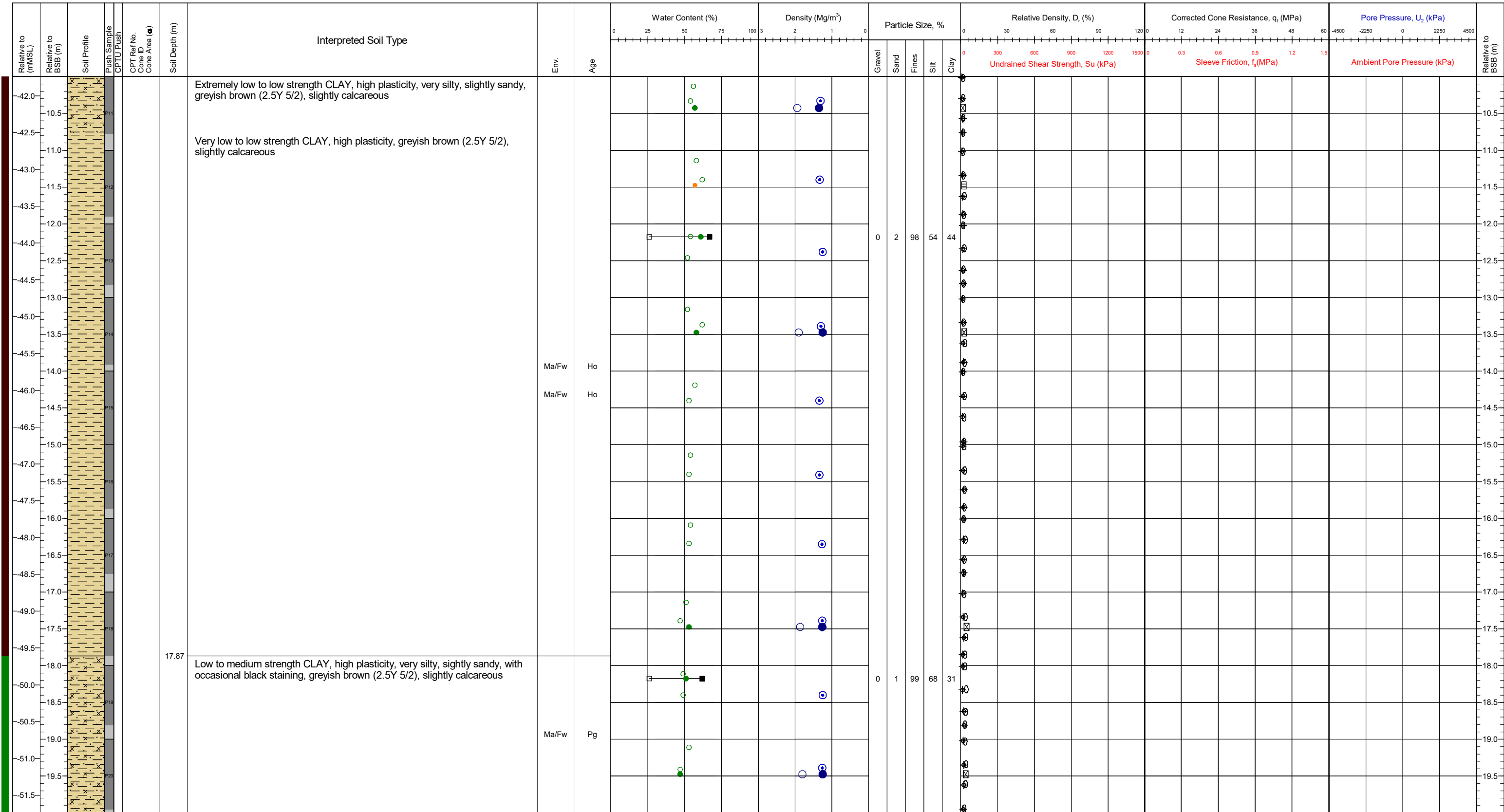
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _c : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	COBBLES		Mixed Soil	

Area	Kattegat Sea	Coordinates	674181.3E 6265901.1N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.7					
Vessel	MV Ocean Vantage	Date of Test (Start-End)	31/05/2021 - 02/06/2021		JK/BC	DR	SMc	Page: 1/8
Method	Wison	Final Borehole Depth	70.20m		(31/05/2021)	(10/06/2021)	(10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

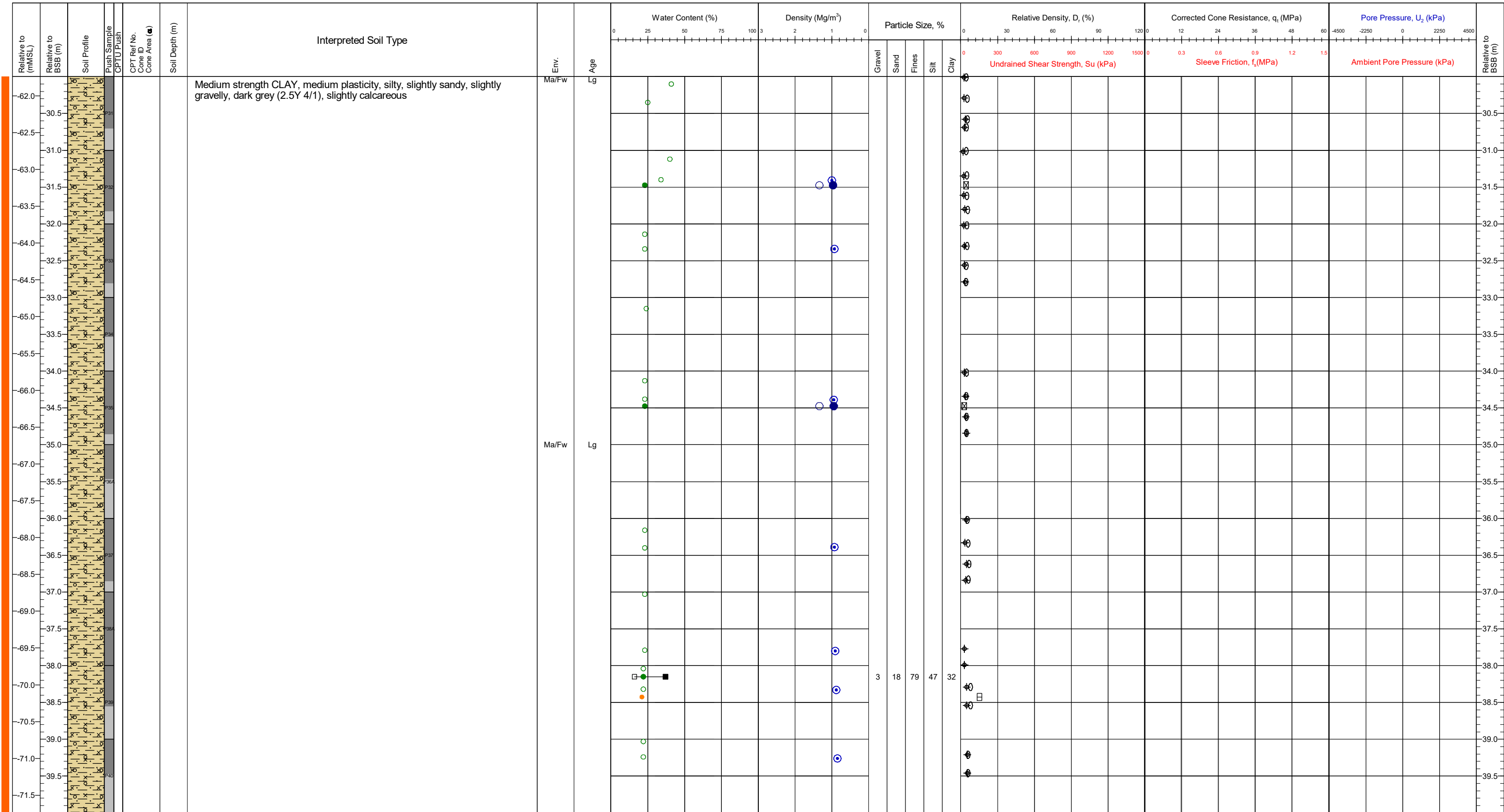
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674181.3E 6265901.1N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	OSS1-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.7		JK/BC (31/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	31/05/2021 - 02/06/2021					Page: 2/8
Method	Wison	Final Borehole Depth	70.20m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



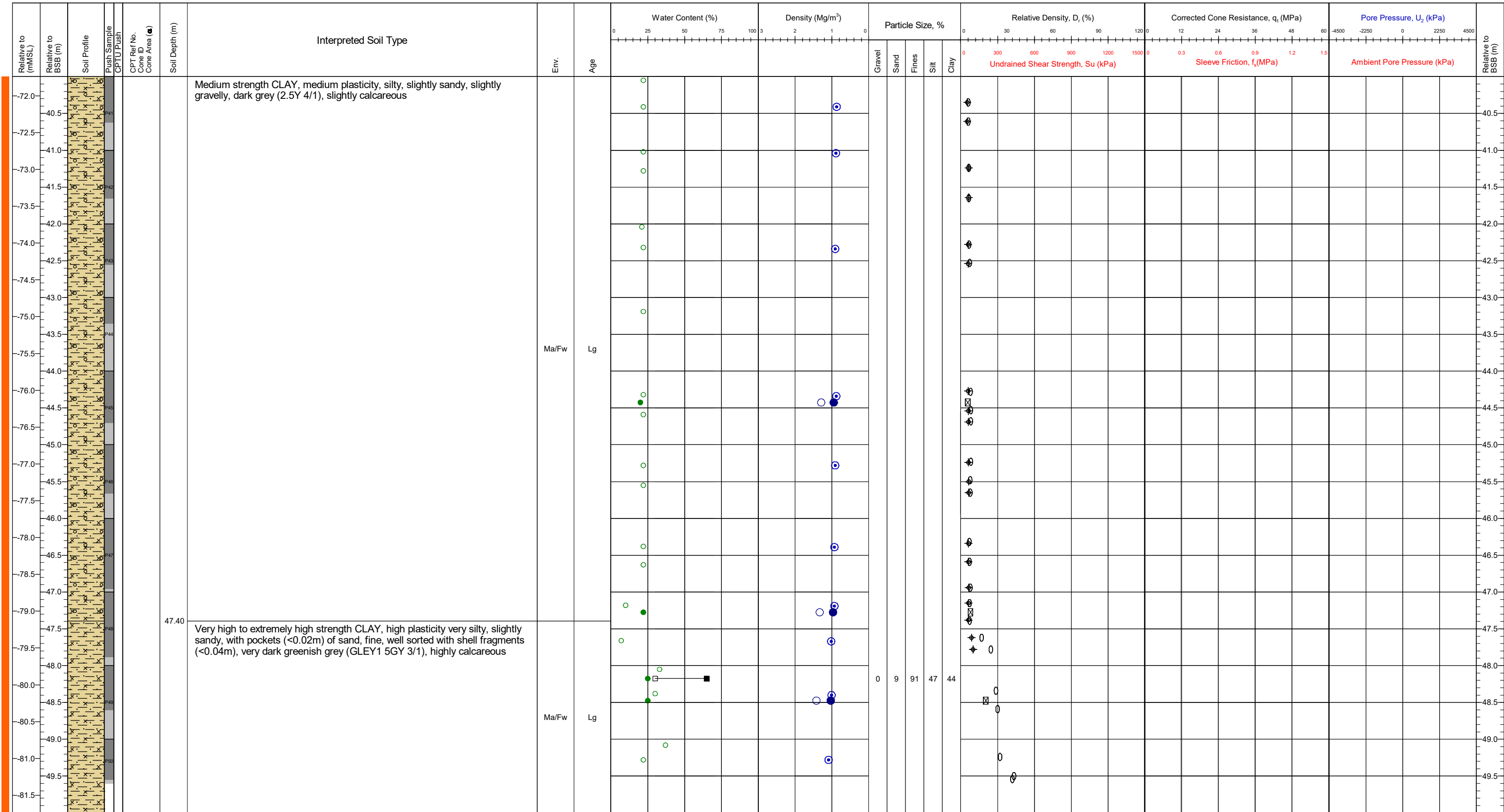
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _c : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	674181.3E 6265901.1N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.7		JK/BC	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	31/05/2021 - 02/06/2021		(31/05/2021)	(10/06/2021)	(10/11/2021)	Page: 4/8
Method	Wison	Final Borehole Depth	70.20m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



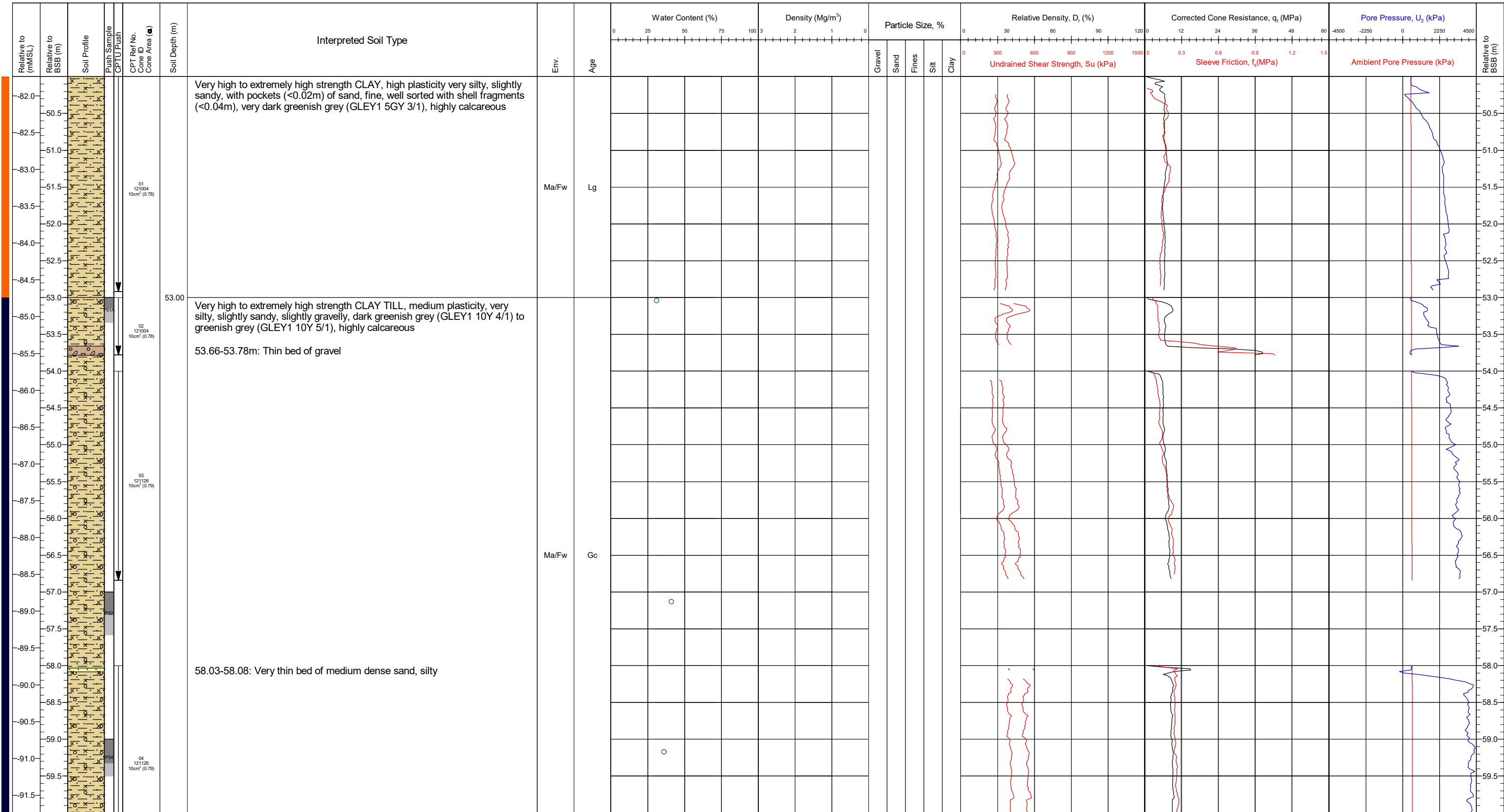
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	674181.3E 6265901.1N	CRS: ETRS89	QC Status			Location Name OSS1-BH
Contract	11596	Latitude / Longitude		Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.7		JK/BC (31/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	31/05/2021 - 02/06/2021		Page: 5/8			
Method	Wison	Final Borehole Depth	70.20m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

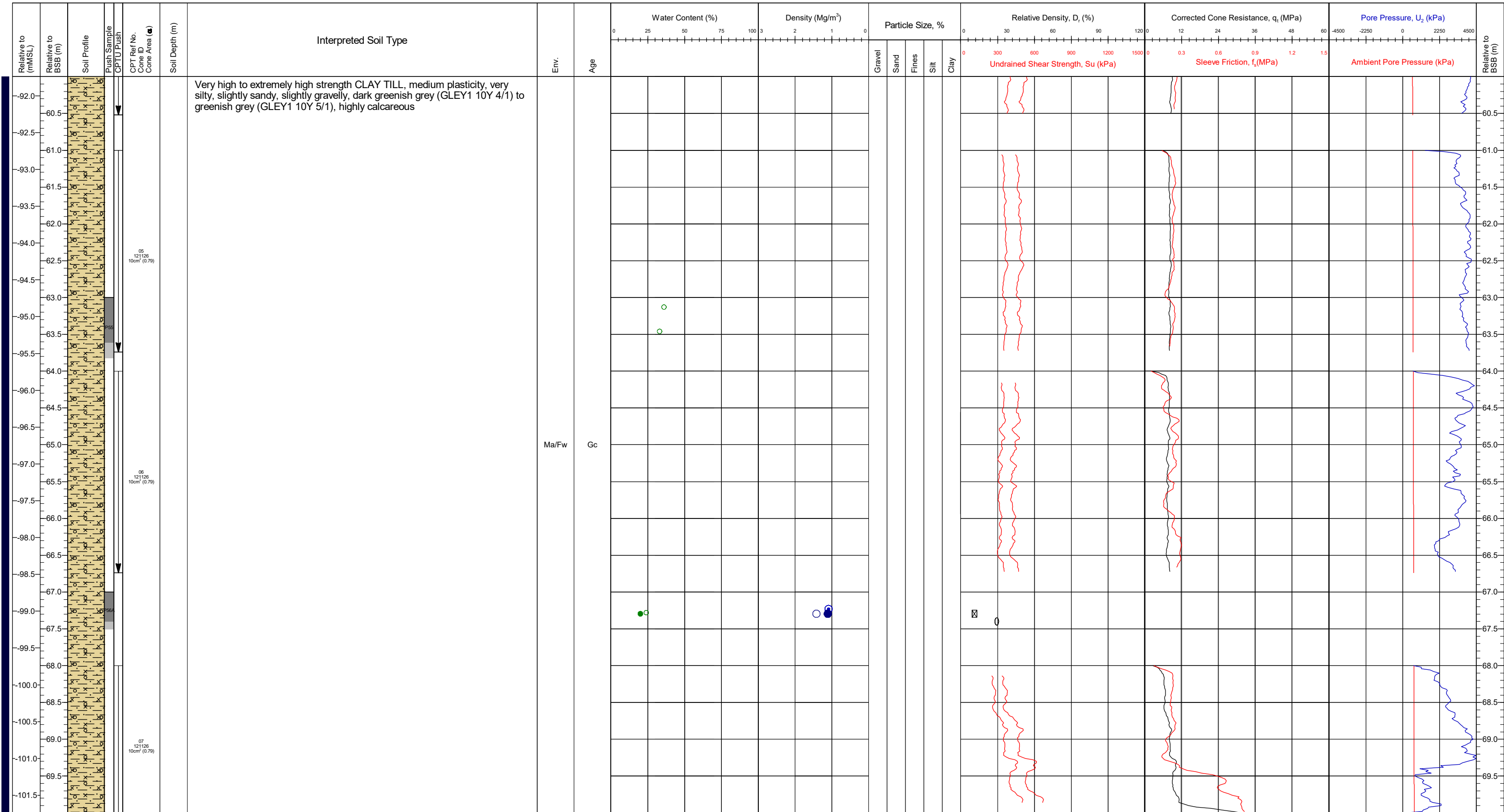
	SILT		CLAY		GRAVEL		COBBLES		Mixed Soil
	SAND		PEAT						
	CHALK								

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674181.3E 6265901.1N	CRS: ETRS89	QC Status	Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wilson CPT and push sampling methods.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.7		Preliminary	Draft
Vessel	MV Ocean Vantage	Date of Test (Start-End)	31/05/2021 - 02/06/2021		JK/BC (31/05/2021)	DR (10/06/2021)
Method	Wilson	Final Borehole Depth	70.20m		SMC (10/11/2021)	
						OSS1-BH
						Page: 6/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_v: 0.5 - 2.0
N_c: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674181.3E 6265901.1N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude		Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.			
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.7		Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)	31/05/2021 - 02/06/2021		JK/BC (31/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	Wison	Final Borehole Depth	70.20m		Page: 7/8		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Push Sample CPTU Push	CPT Ref No. Cone ID Cone Area (cm²)	Soil Depth (m)	Interpreted Soil Type	Env.	Age	Particle Size, %					Relative Density, D _r (%)		Corrected Cone Resistance, q _t (MPa)		Pore Pressure, U _z (kPa)					
									Gravel	Sand	Fines	Silt	Clay	0	30	60	90	120	1500	0	0.3	0.6	0.9
-102.0						End of borehole at 70.20m	Ma/Fw	Gc	1	6	93	65	28										
-102.5																							
-103.0																							
-103.5																							
-104.0																							
-104.5																							
-105.0																							
-105.5																							
-106.0																							
-106.5																							
-107.0																							
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-111.5																							

KEY TO SOIL PROFILE

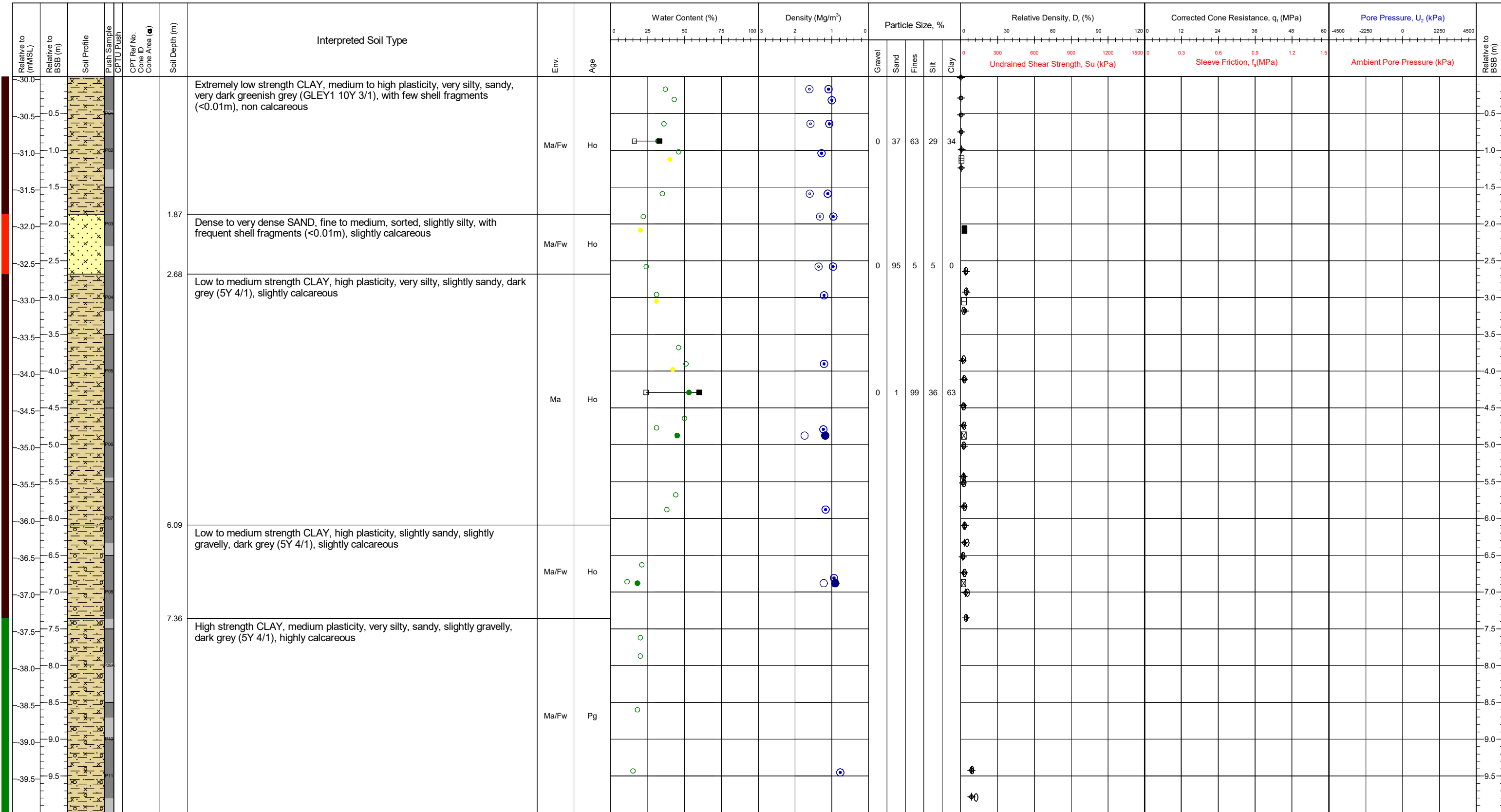
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674181.3E 6265901.1N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude		Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wilson CPT and push sampling methods.			
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.7		Preliminary	Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	31/05/2021 - 02/06/2021		JK/BC (31/05/2021)	DR (10/06/2021)	
Method	Wilson	Final Borehole Depth	70.20m		SMc (10/11/2021)	OSS1-BH	
						Page: 8/8	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

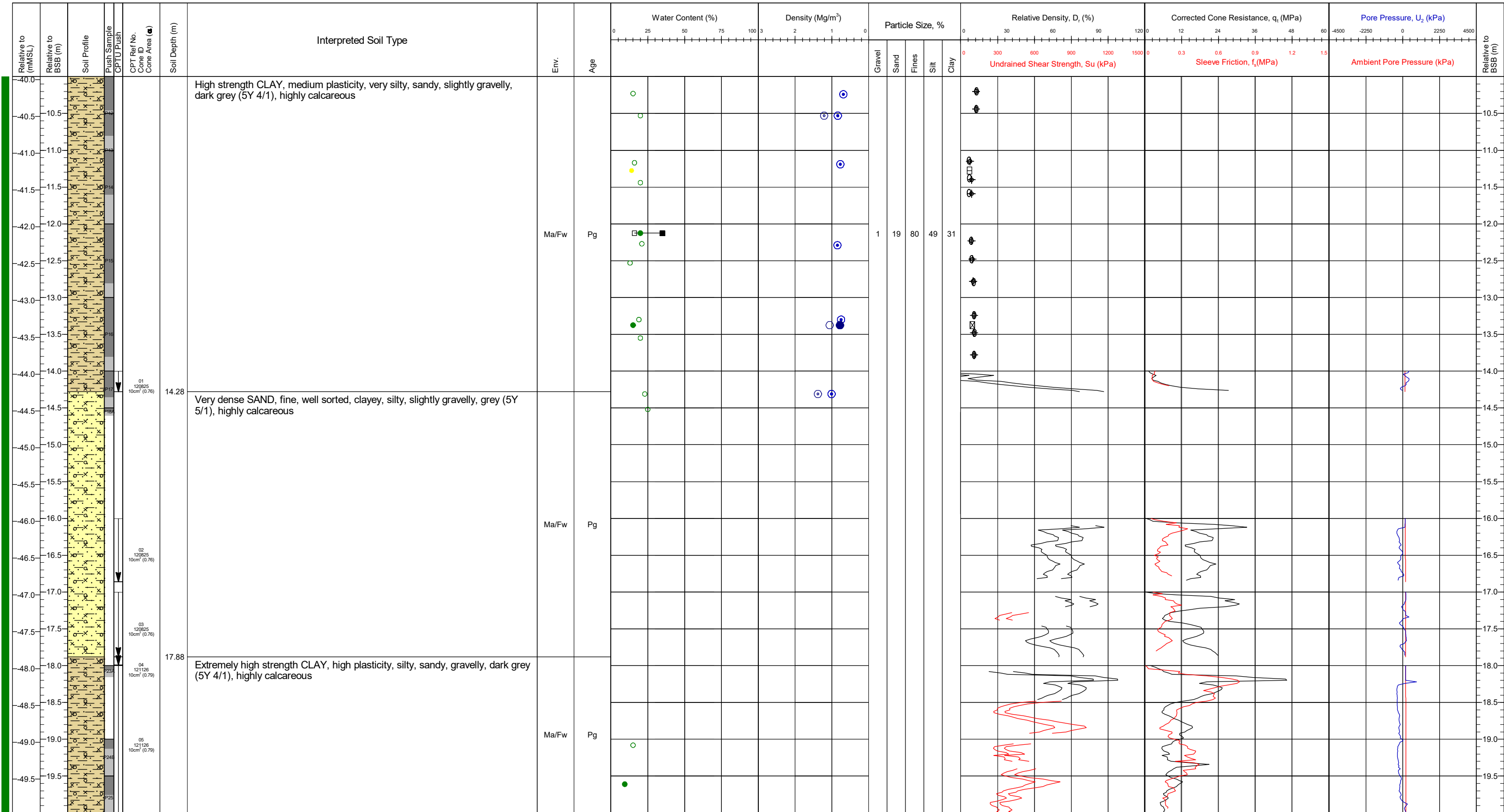
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_s: 0.5 - 2.0
N_c: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea		Coordinates	674911.0E	6253674.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596		Latitude / Longitude			Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.	Preliminary	Draft	Final	OSS2-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE		Water Depth (mMSL)	-30.0			JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage		Date of Test (Start-End)	25/05/2021 - 27/05/2021						Page: 1/8
Method	Wison		Final Borehole Depth	70.20m						

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



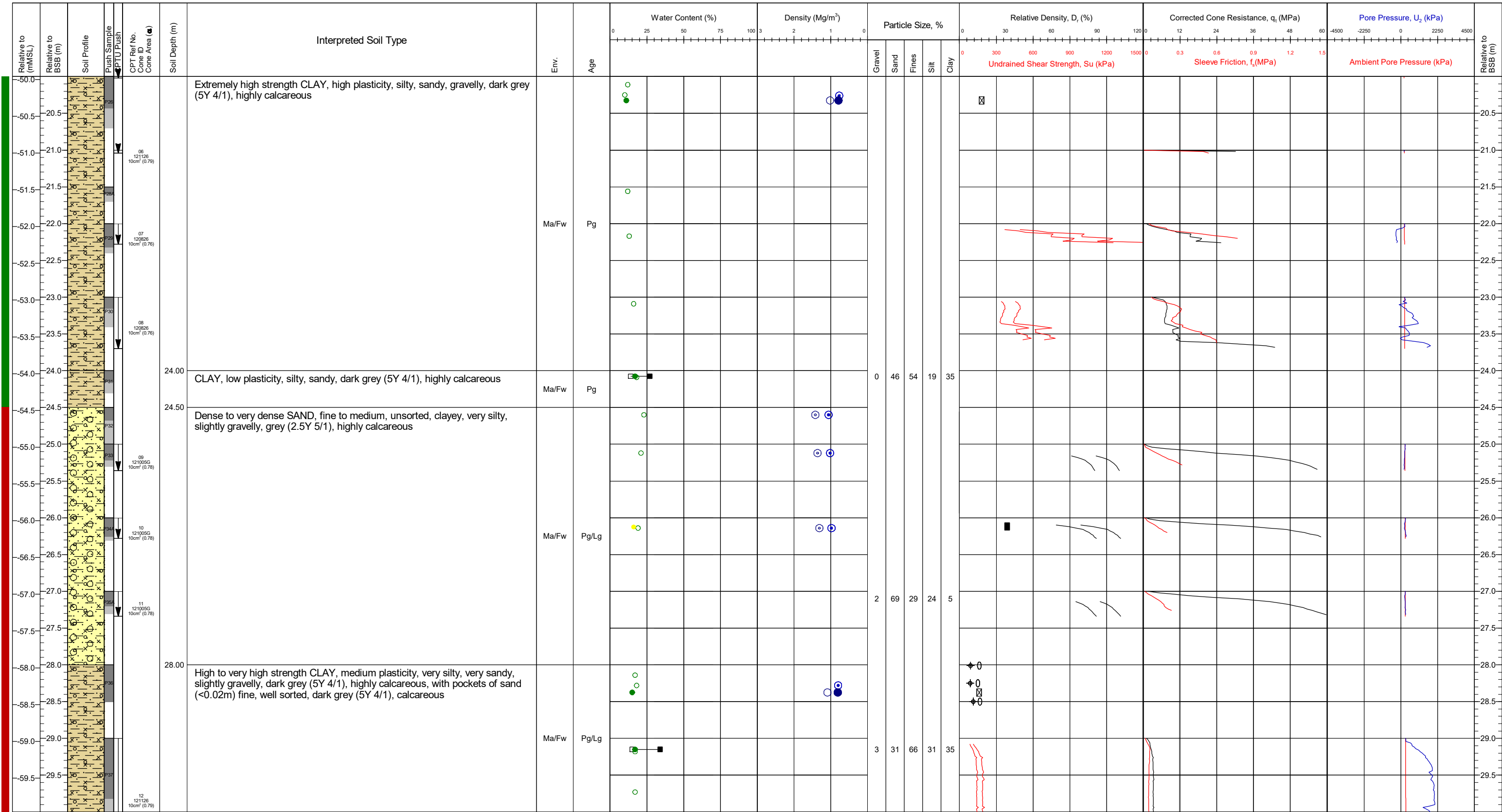
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	674911.0E 6253674.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.	Preliminary	Draft	Final	OSS2-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		JK/BC	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	25/05/2021 - 27/05/2021		(27/05/2021)	(10/06/2021)	(10/11/2021)	
Method	Wison	Final Borehole Depth	70.20m					Page: 2/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

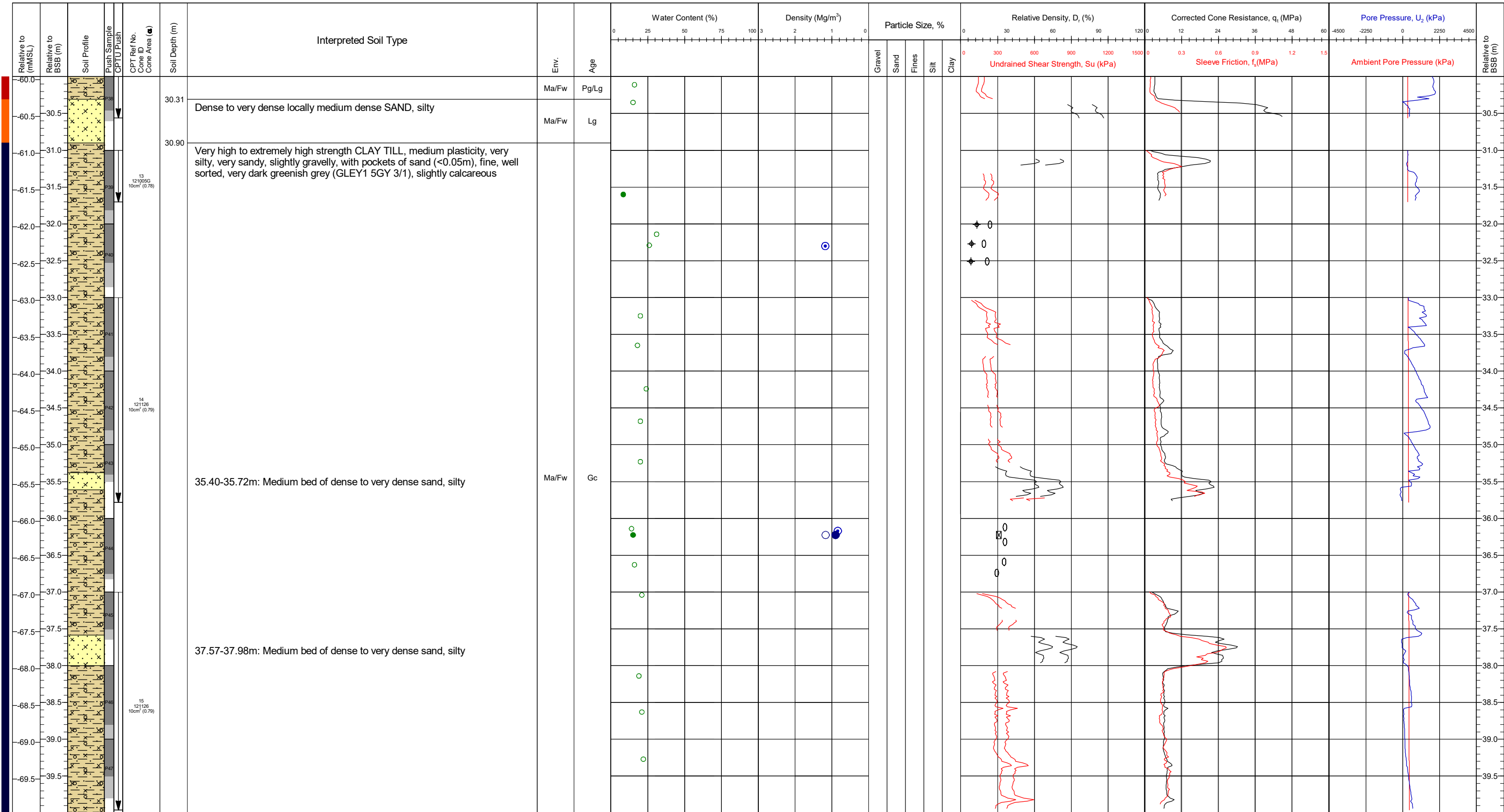
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_c: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674911.0E 6253674.2N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC (27/05/2021) DR (10/06/2021) SMc (10/11/2021) Location Name OSS2-BH
Contract	11596	Latitude / Longitude	Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		
Vessel	MV Ocean Vantage	Date of Test (Start-End)	25/05/2021 - 27/05/2021		
Method	Wilson	Final Borehole Depth	70.20m		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

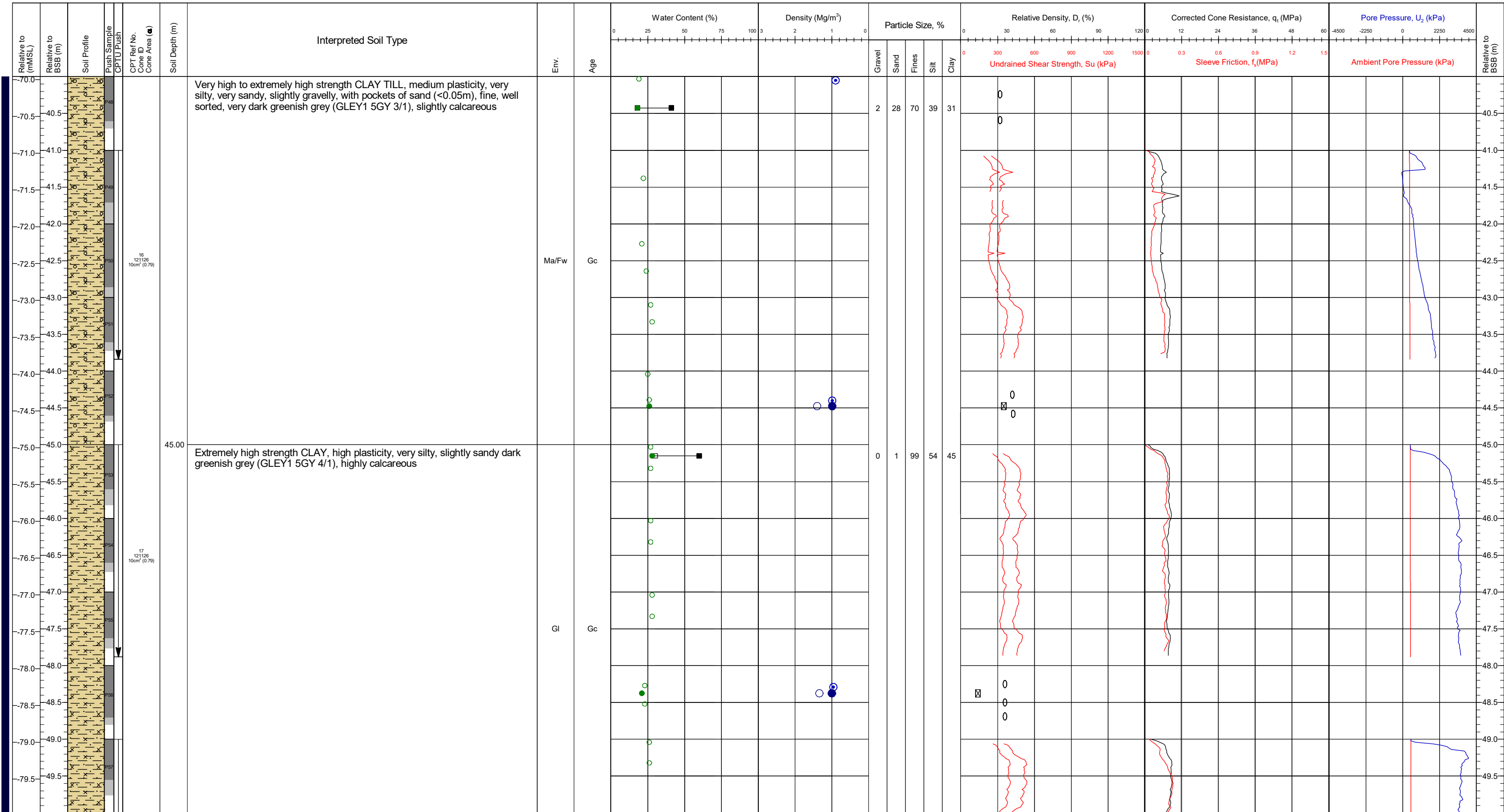
Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674911.0E 6253674.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	OSS2-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0					
Vessel	MV Ocean Vantage	Date of Test (Start-End)	25/05/2021 - 27/05/2021		JK/BC	DR	SMc	Page: 4/8
Method	Wilson	Final Borehole Depth	70.20m		(27/05/2021)	(10/06/2021)	(10/11/2021)	

Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

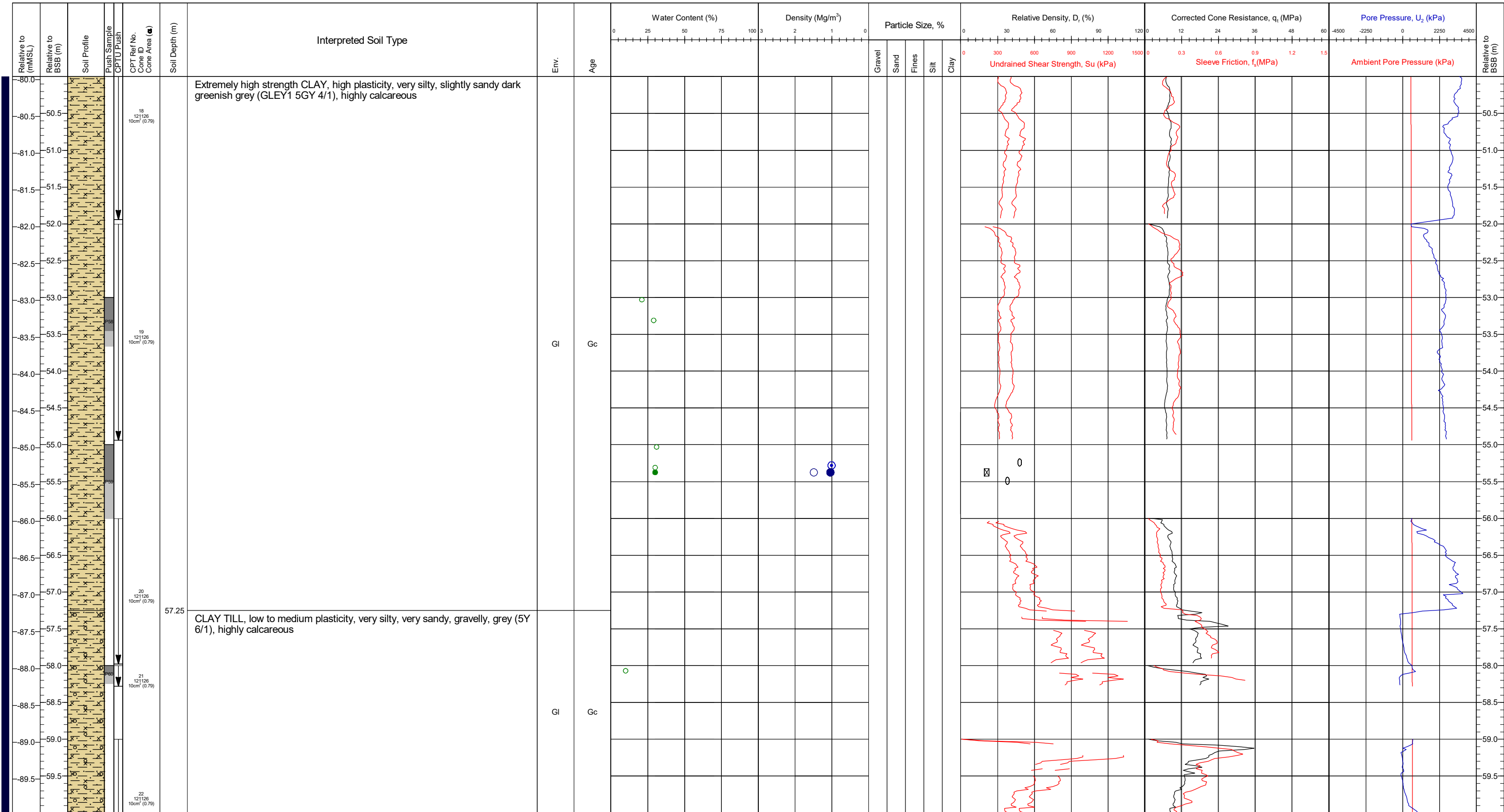
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674911.0E 6253674.2N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0	Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.	Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)	25/05/2021 - 27/05/2021		JK/BC	DR	SMc
Method	Wilson	Final Borehole Depth	70.20m		(27/05/2021)	(10/06/2021)	(10/11/2021)

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



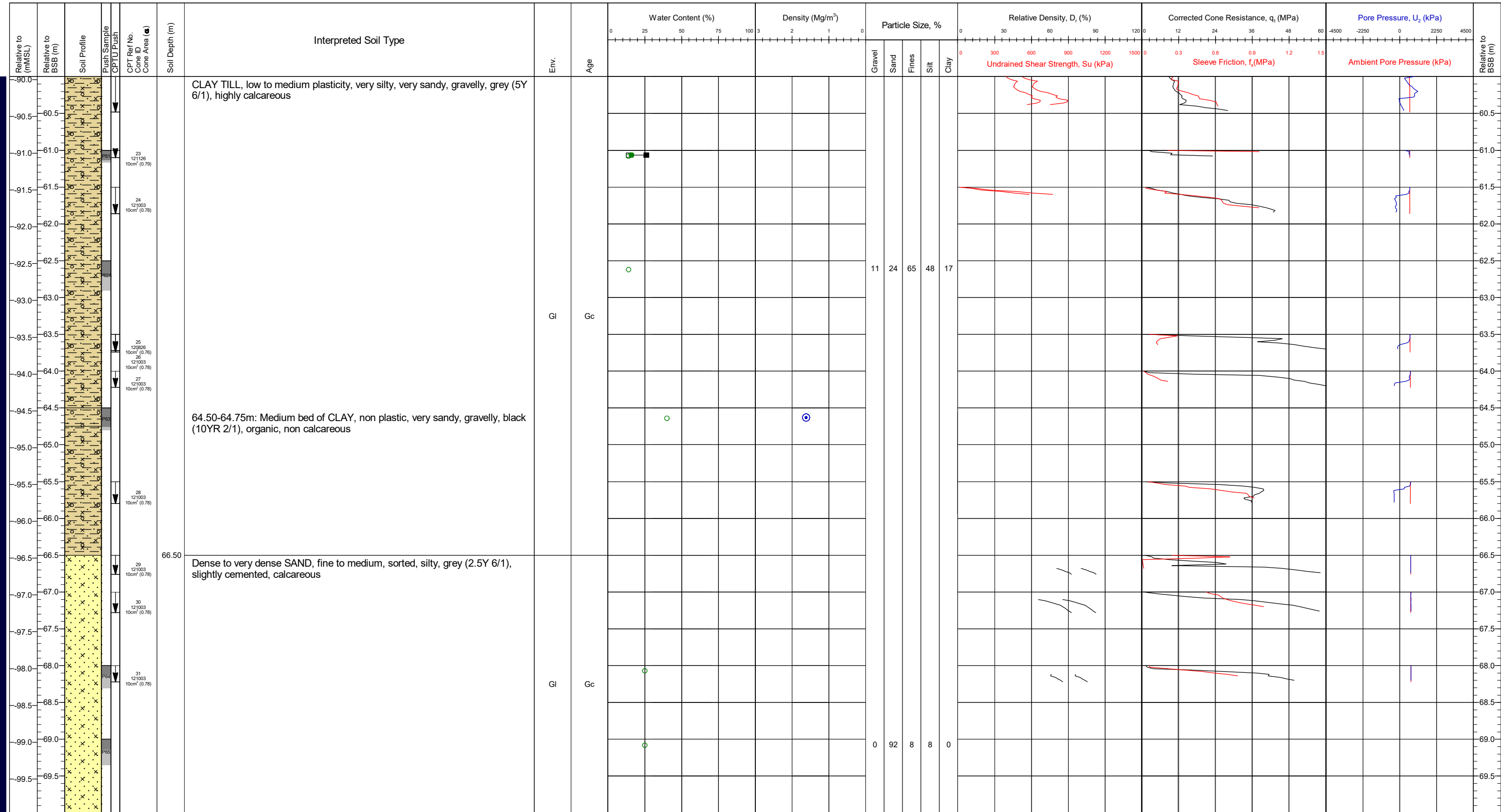
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	674911.0E 6253674.2N	CRS: ETRS89	QC Status			Location Name
Contract	11596	Latitude / Longitude		Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.	Preliminary	Draft	Final	OSS2-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	25/05/2021 - 27/05/2021					
Method	Wilson	Final Borehole Depth	70.20m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

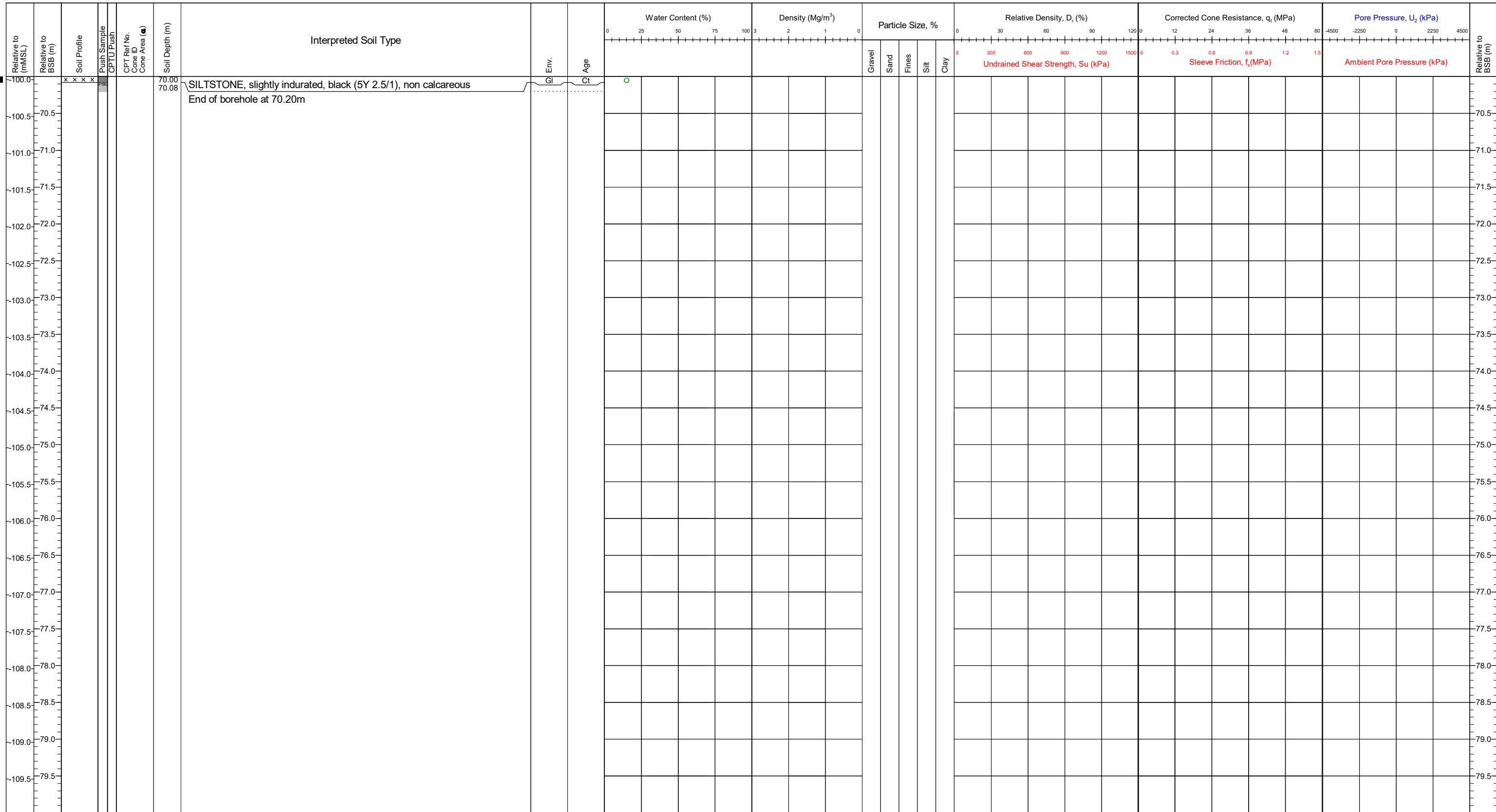
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674911.0E 6253674.2N	CRS: ETRS89	QC Status	Location Name	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0	Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.	Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)	25/05/2021 - 27/05/2021		JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	Wison	Final Borehole Depth	70.20m				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

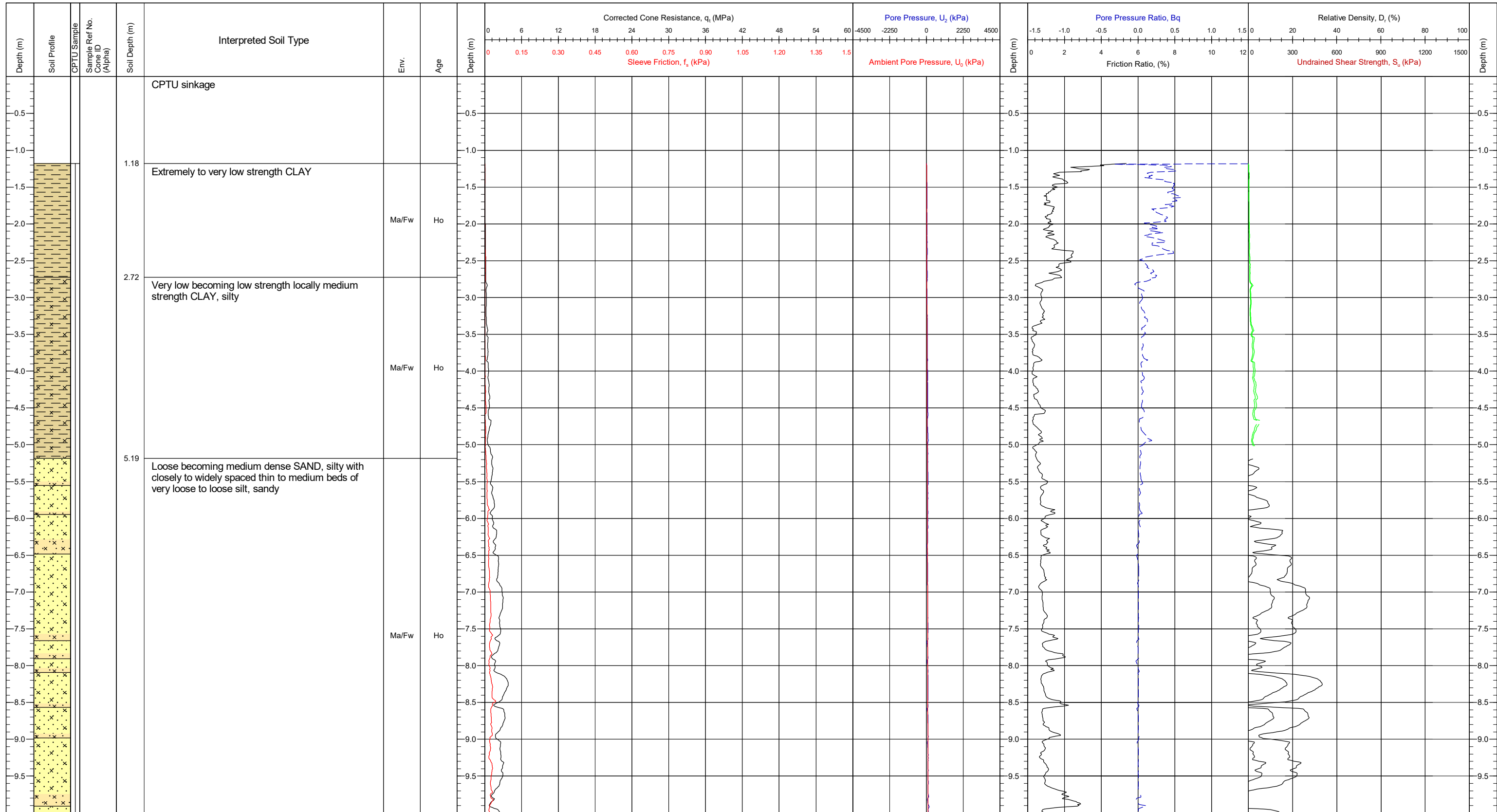
Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674911.0E 6253674.2N	CRS: ETRS89	Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.	QC Status			Location Name OSS2-BH
Contract	11596	Latitude / Longitude				Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0			JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)	25/05/2021 - 27/05/2021						Page: 8/8
Method	Wison	Final Borehole Depth	70.20m						

2.3 Seabed CPTU Logs

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

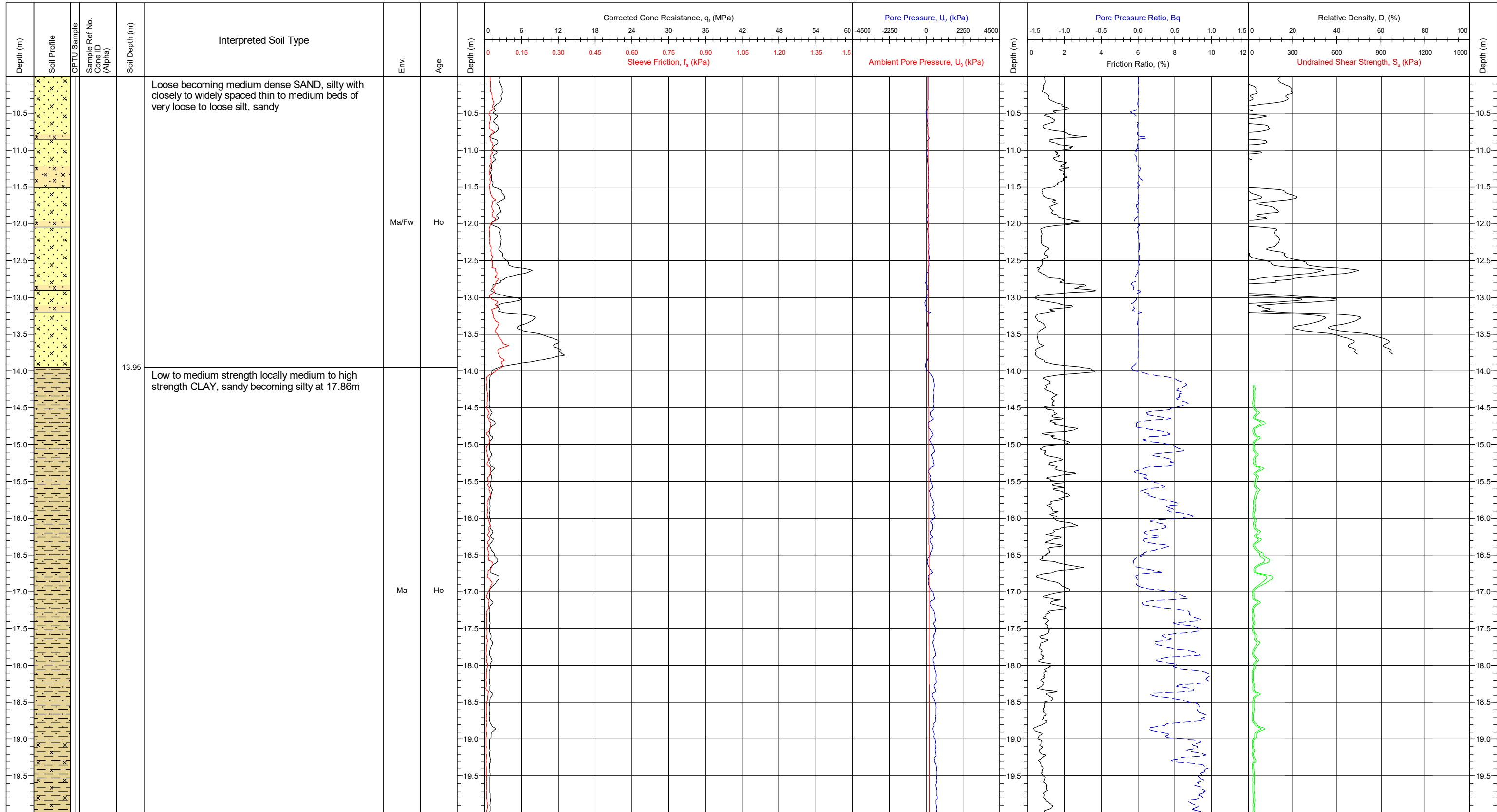
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_c : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods	Preliminary	Draft	Final	CB3a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (25/06/2021)	SMC (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ²) / 0.81					Page: 1/6
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

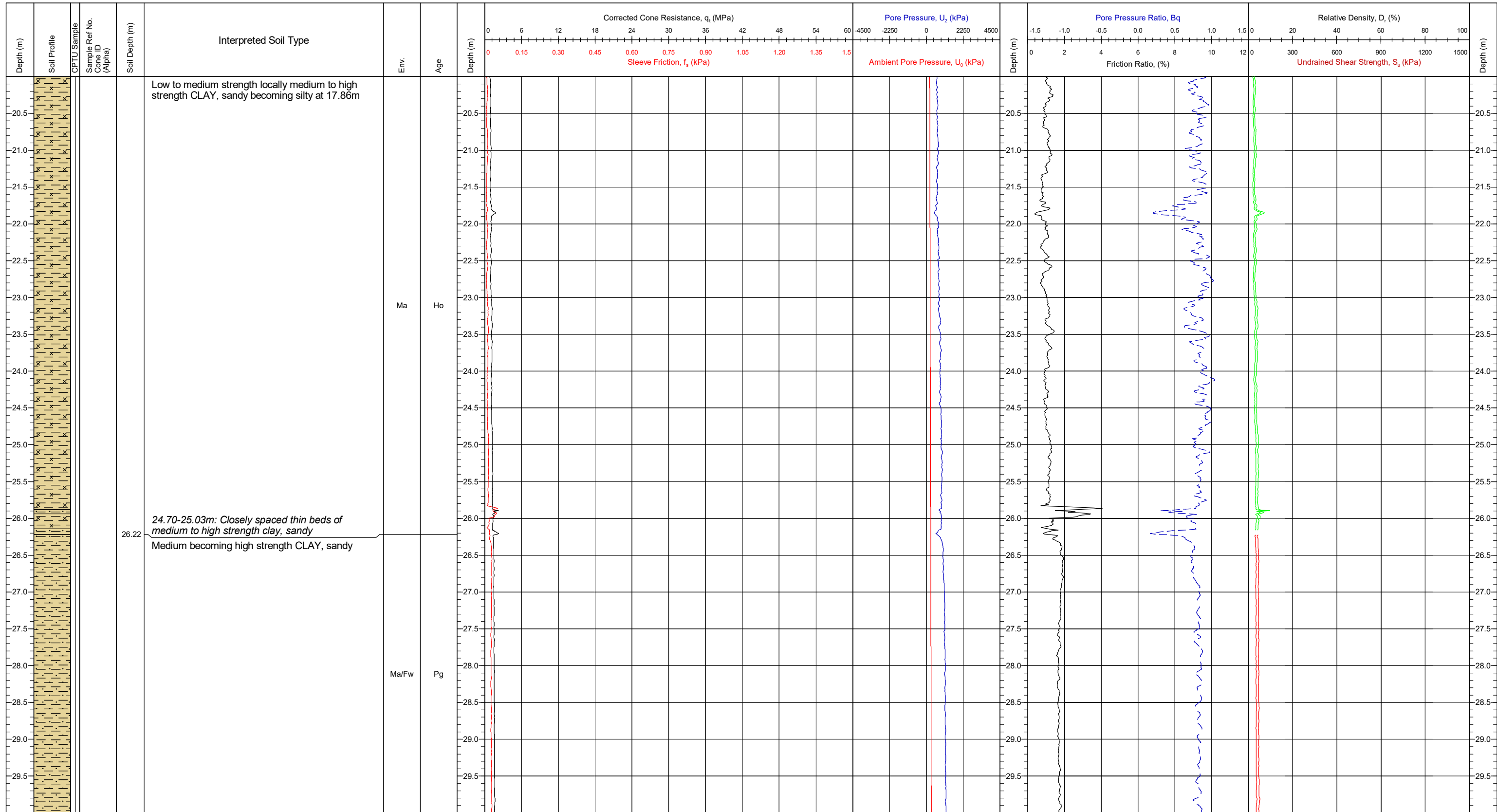
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS:	ETRS89	QC Status			CPT Name CB3a
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021						
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	120910 (50cm ³) / 0.81						
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



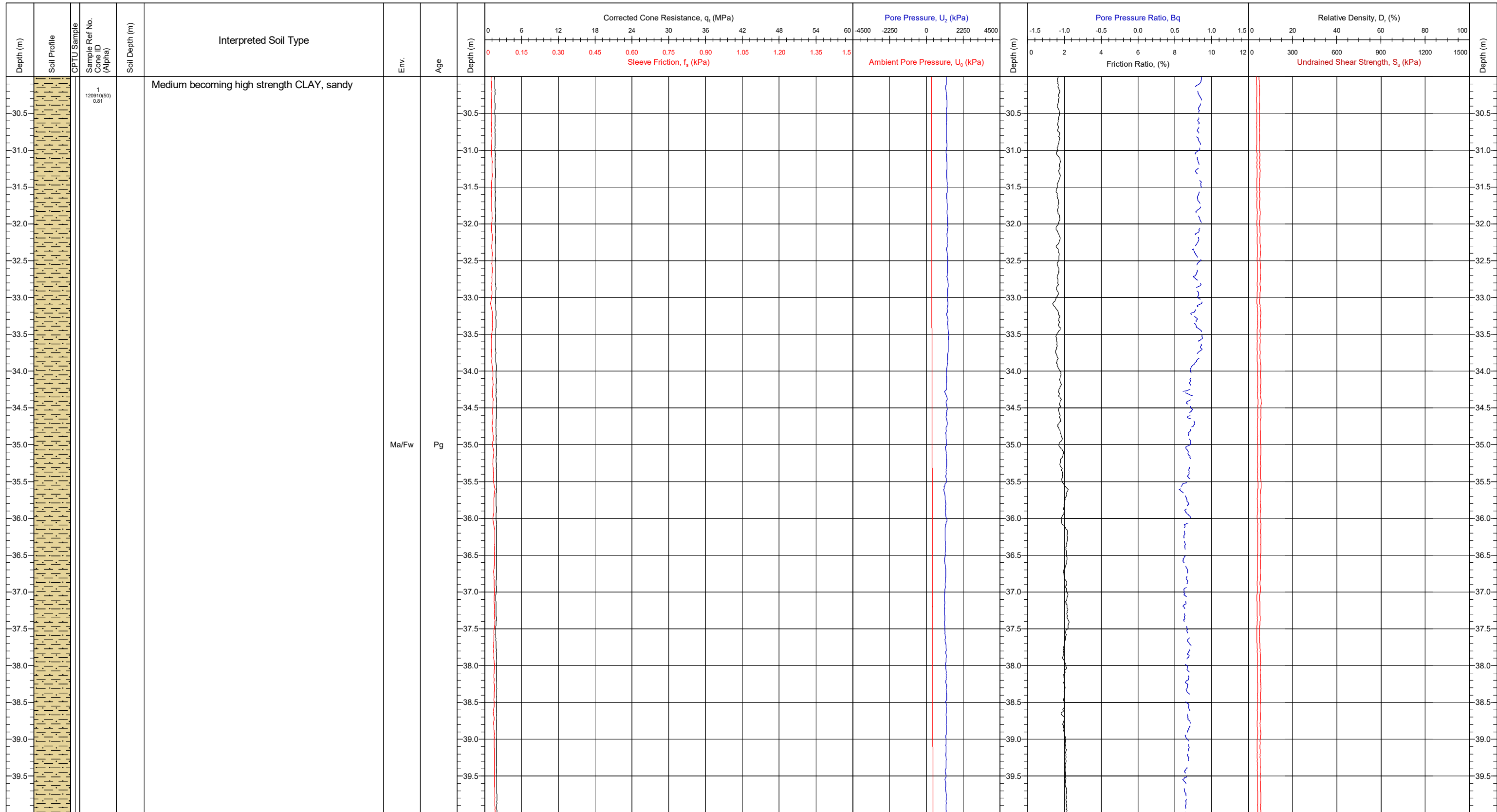
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS:	ETRS89	QC Status			CPT Name CB3a	
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ³) / 0.81							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°							
							JK/BC (01/05/2021)	DR (25/06/2021)	SMc (10/11/2021)	Page: 3/6

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



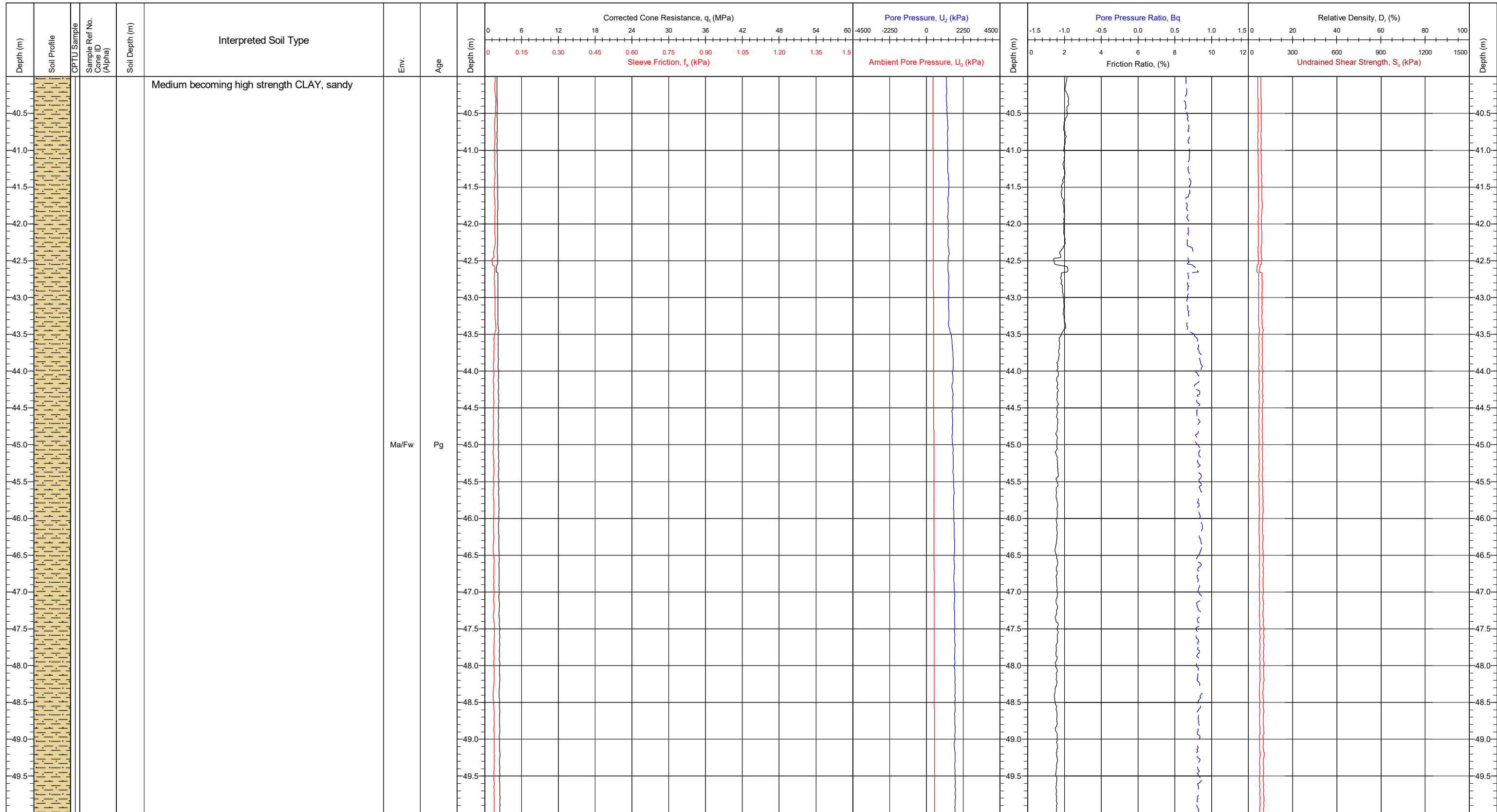
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods	Preliminary Draft Final JK/BC DR SMc <small>(01/05/2021) (25/06/2021) (10/11/2021)</small>
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ²) / 0.81		CPT Name <h3 style="text-align: center;">CB3a</h3>
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



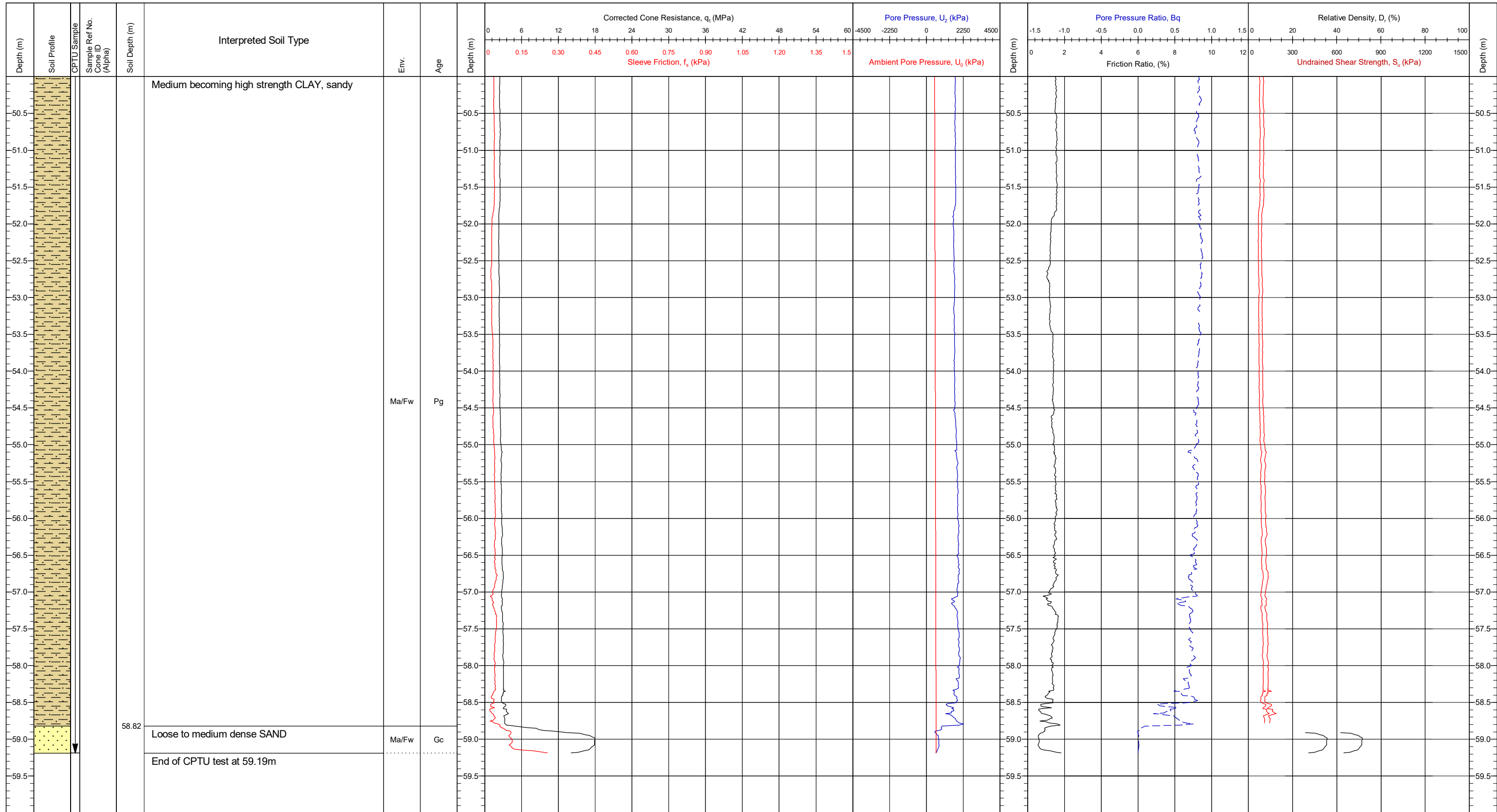
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods	QC Status Preliminary Draft Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ²) / 0.81		JK/BC (01/05/2021) DR (25/06/2021) SMC (10/11/2021)
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		
					CPT Name
					CB3a
					Page: 5/6

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

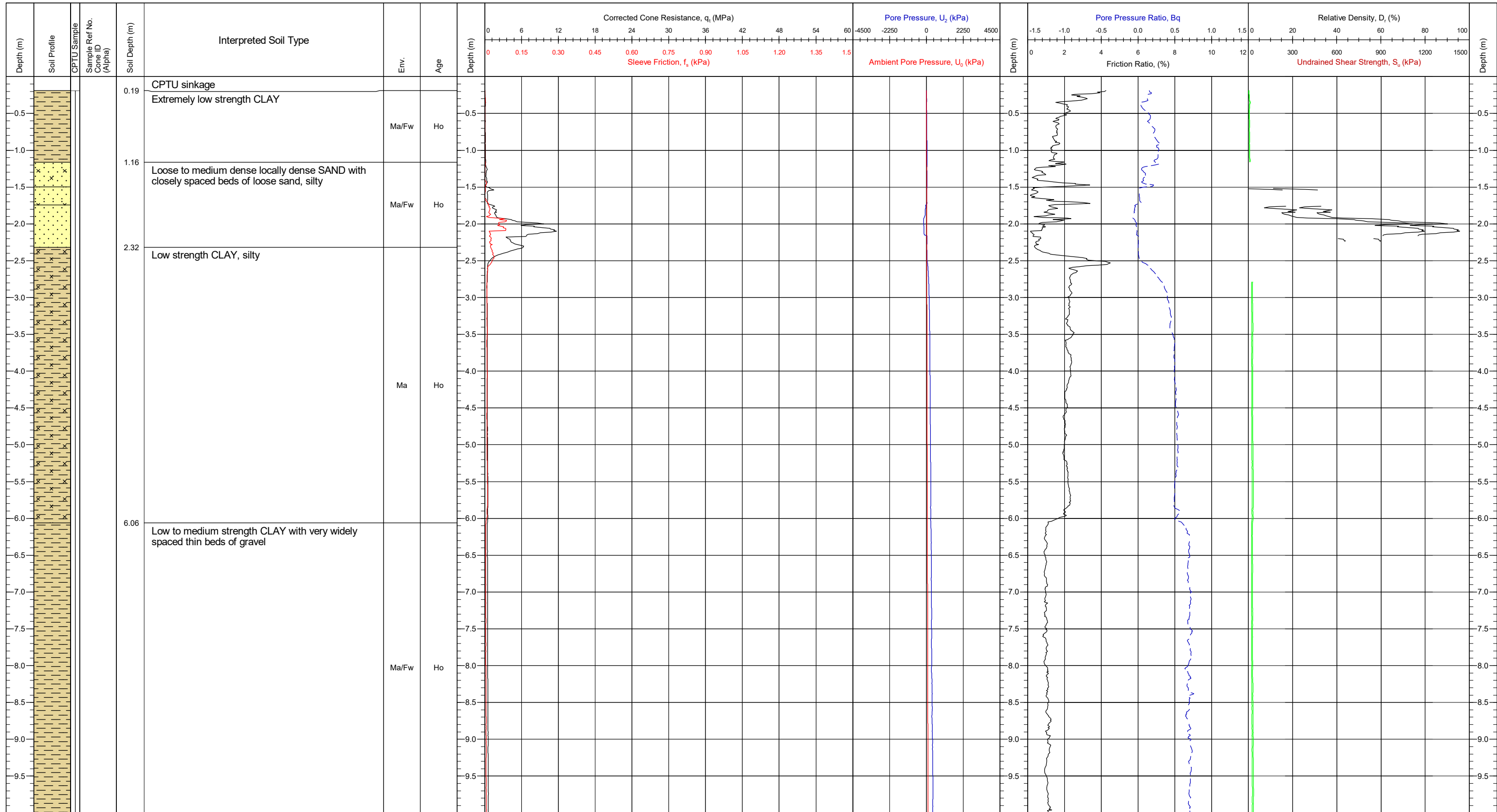
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS: ETRS89	QC Status			CPT Name CB3a
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (25/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	120910 (50cm ²) / 0.81					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 6/6			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



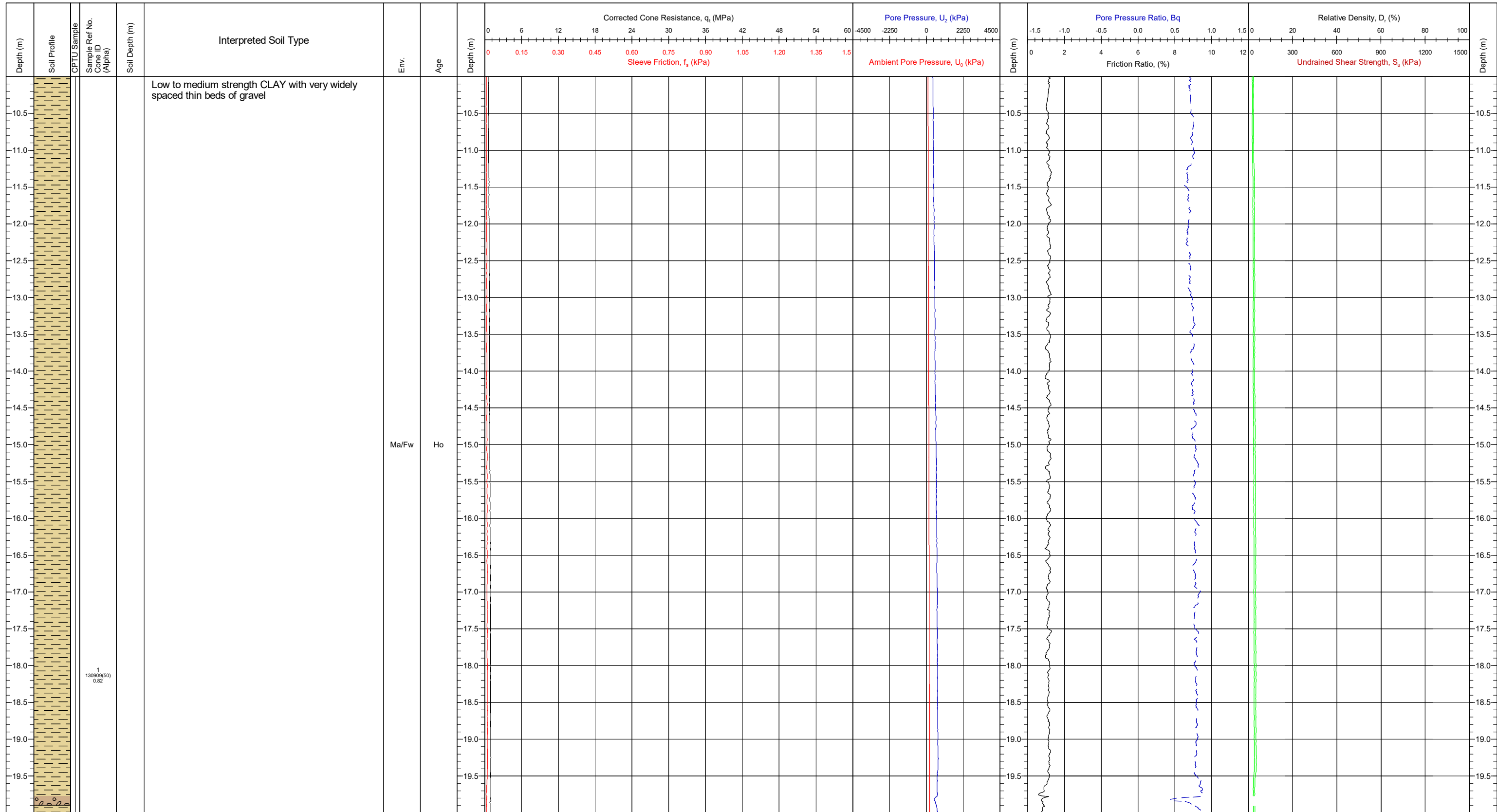
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	675775.7E 6272685.7N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82	JK/BC (01/05/2021)			DR (10/06/2021)	SMc (10/11/2021)	Page: 1/4	
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

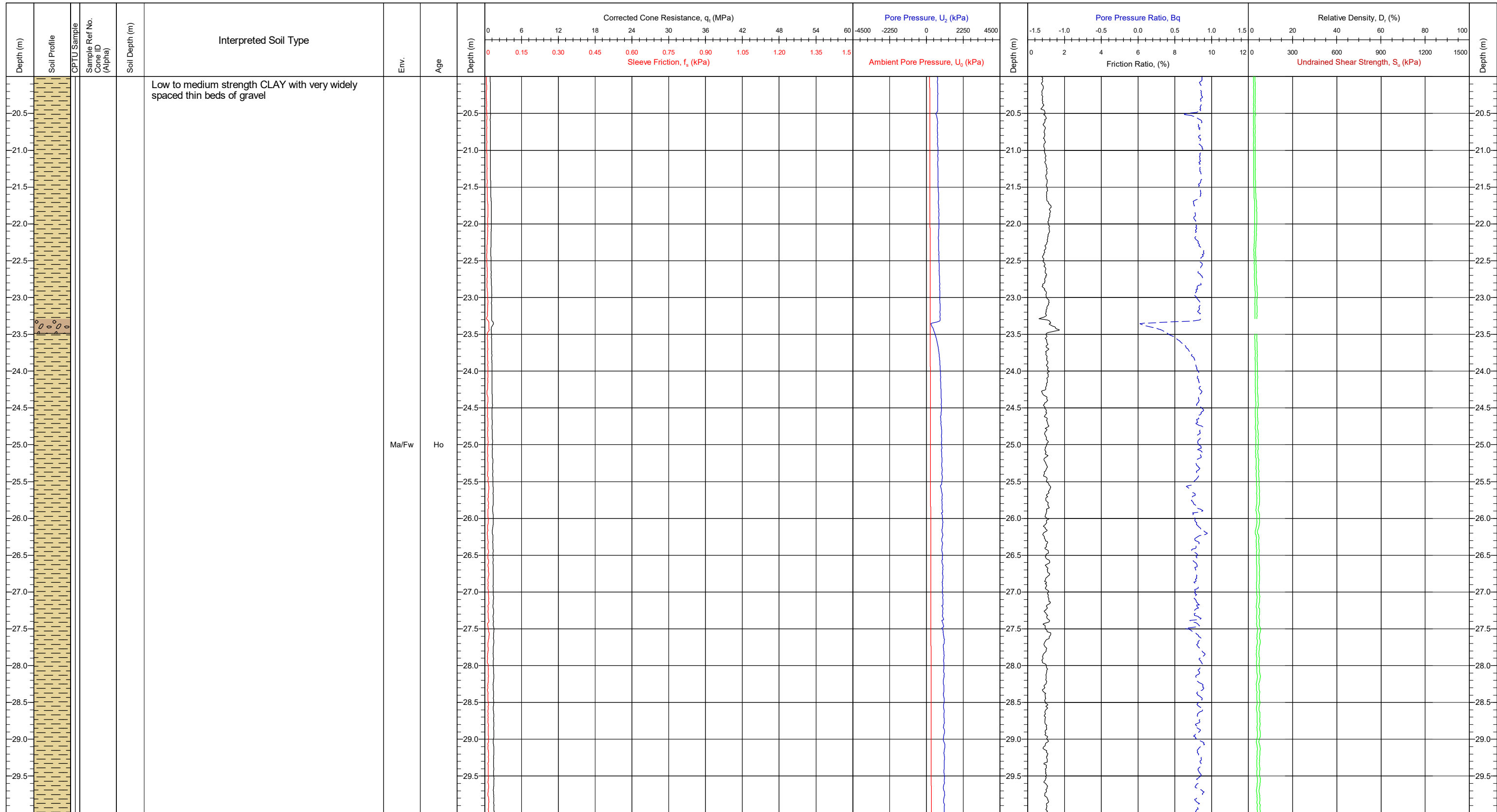
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_c : 0.5 - 2.0
 N_{c1} : 12.5 - 16.5
 N_{c2} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	675775.7E 6272685.7N	CRS: ETRS89	QC Status			CPT Name CB4
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°				Page: 2/4	

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



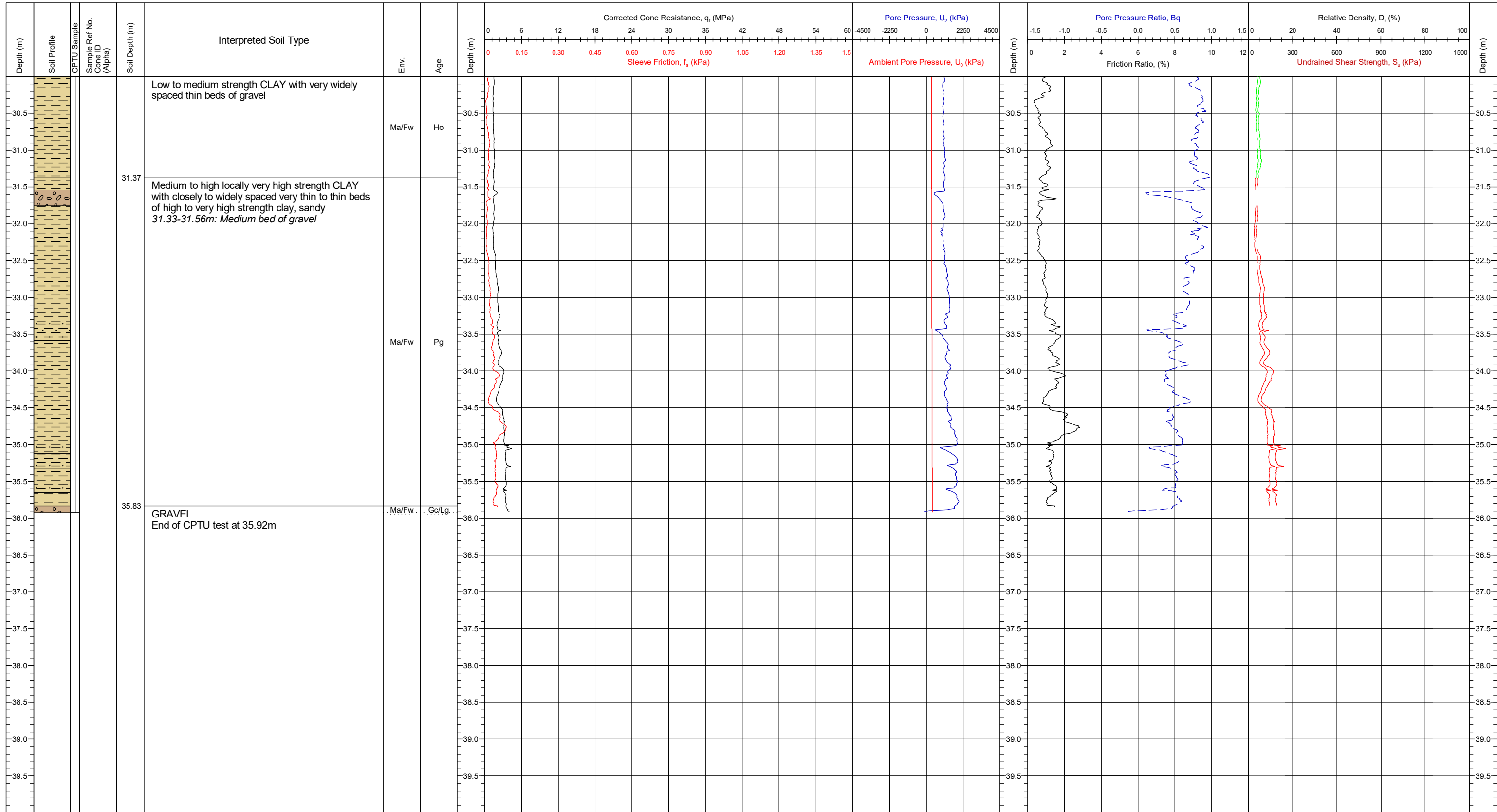
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	675775.7E 6272685.7N	CRS: ETRS89	QC Status			CPT Name CB4
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ³) / 0.82					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°		Page: 3/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



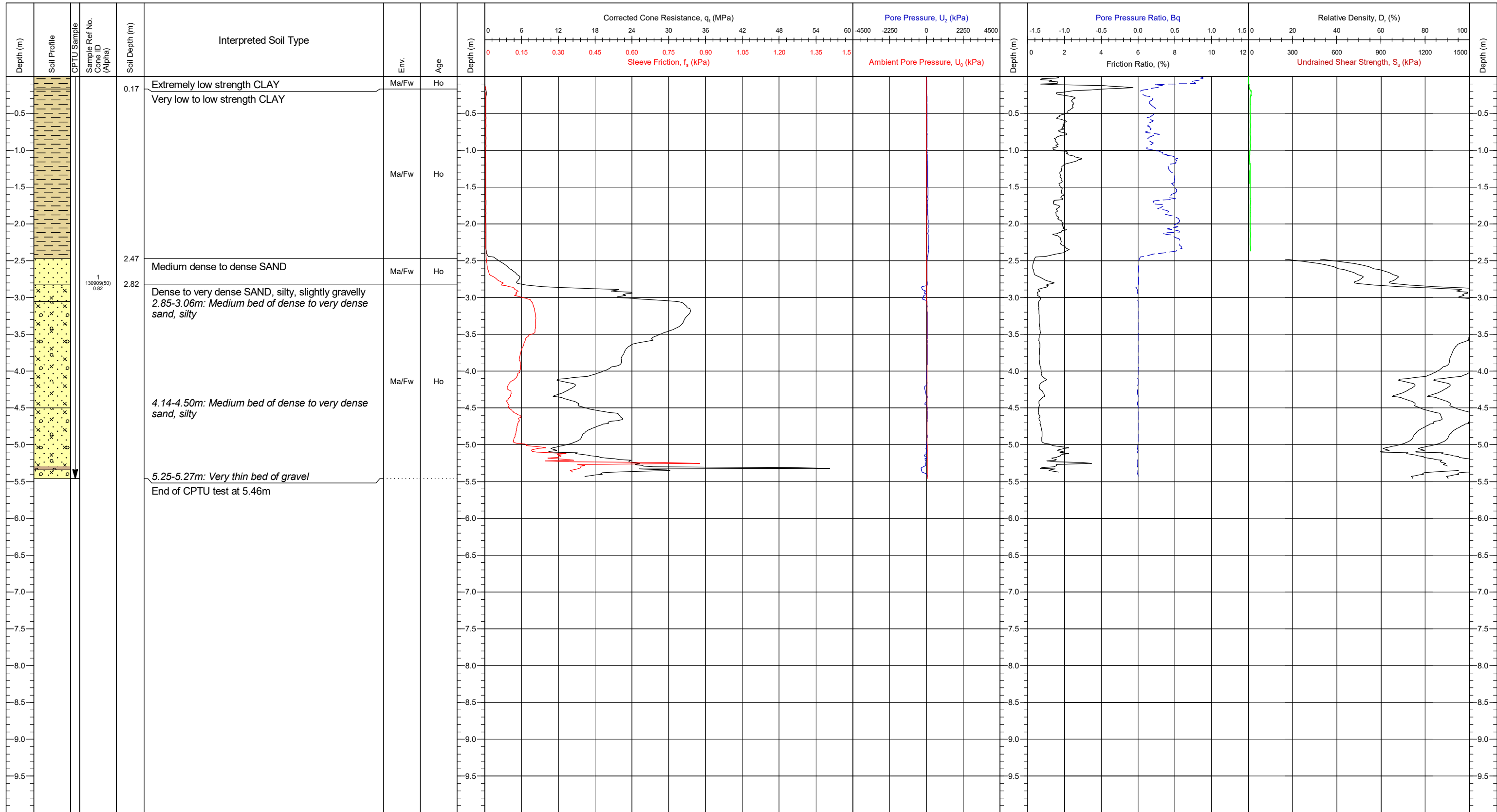
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_c : 0.5 - 2.0 N_c : 12.5 - 16.5 N_s : 15 - 20 K_r : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	675775.7E 6272685.7N	CRS: ETRS89	QC Status			CPT Name CB4
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°		Page: 4/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



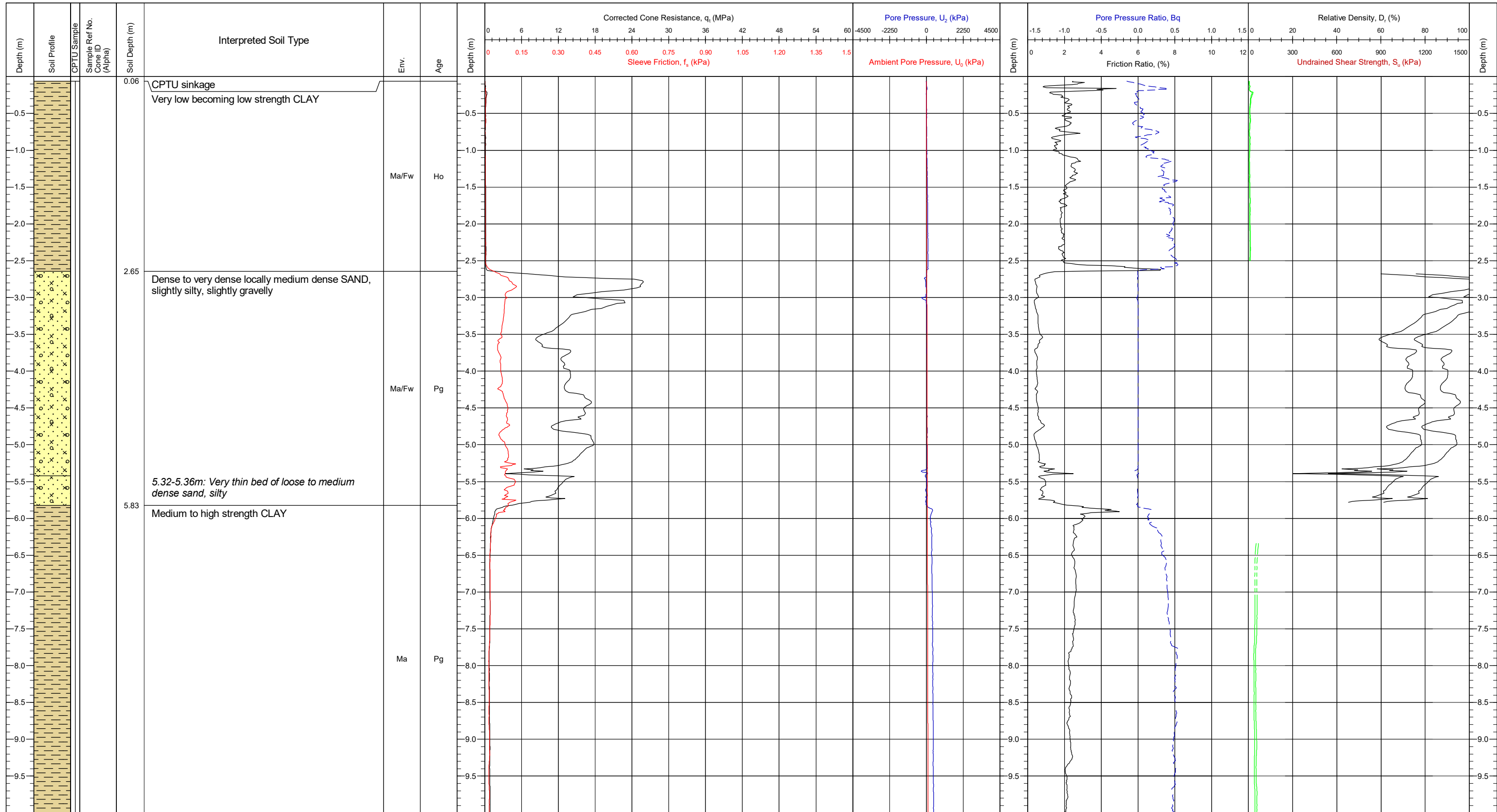
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	671118.2E 6254697.4N	CRS: ETRS89	QC Status			CPT Name CB5
Contract	11596	Water Depth (mMSL)	27.4	Comments: Cone class 3. Continuous seabed CPT. Final depth 5.46m. Test terminated at operators discretion due to high increase in sleeve friction and sudden increase in tip resistance- poor lateral rod support in first 2m	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	28/04/2021		JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130909 (50cm ²) / 0.82					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.0° / Y = 1.0°		Page: 1/1			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



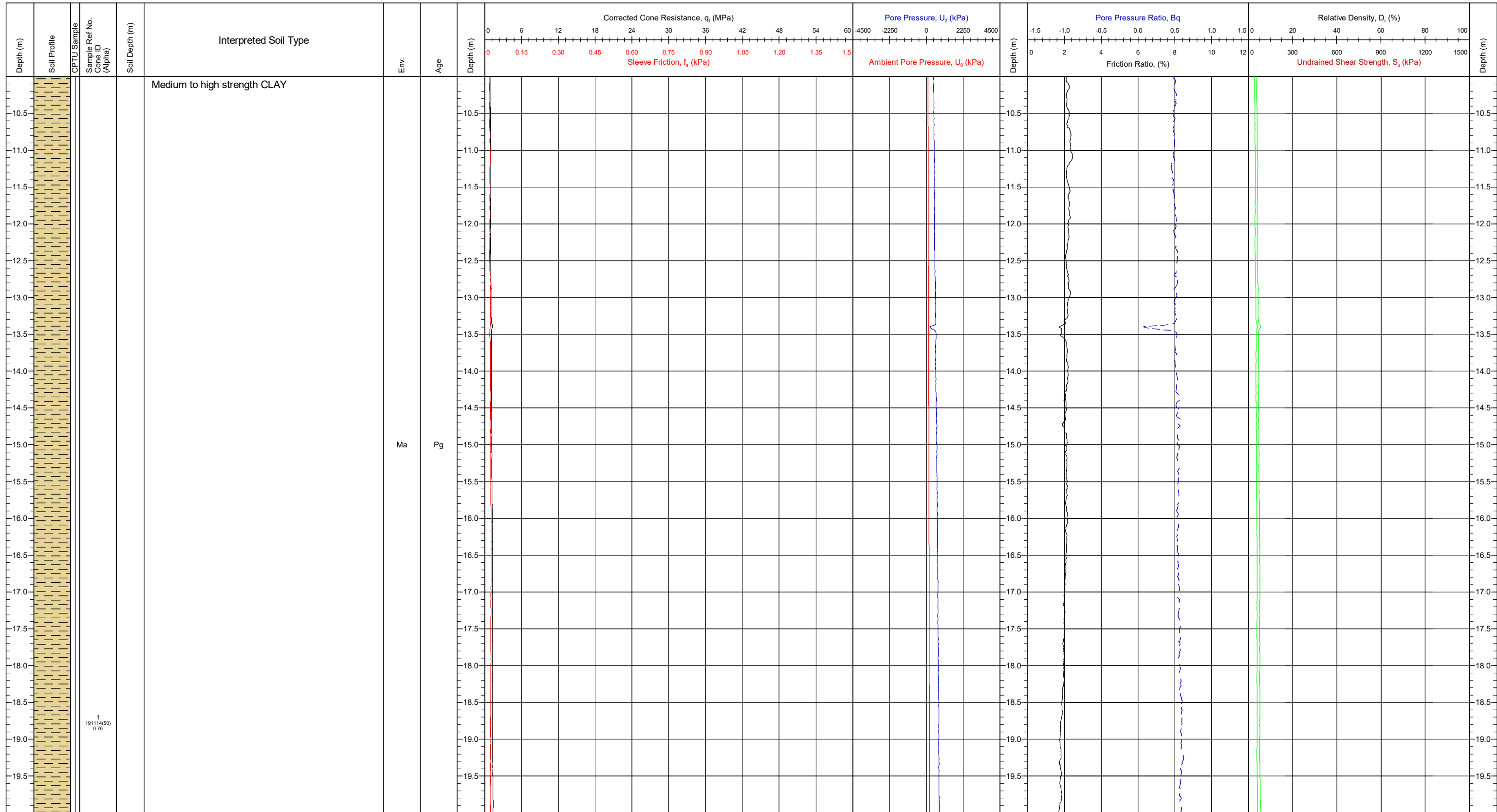
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	671118.6E 6254692.2N	CRS: ETRS89	QC Status			CPT Name CB5a
Contract	11596	Water Depth (mMSL)	27.4	Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	28/04/2021		JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	191114 (50cm ²) / 0.76					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.5° / Y = 0.0°		Page: 1/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

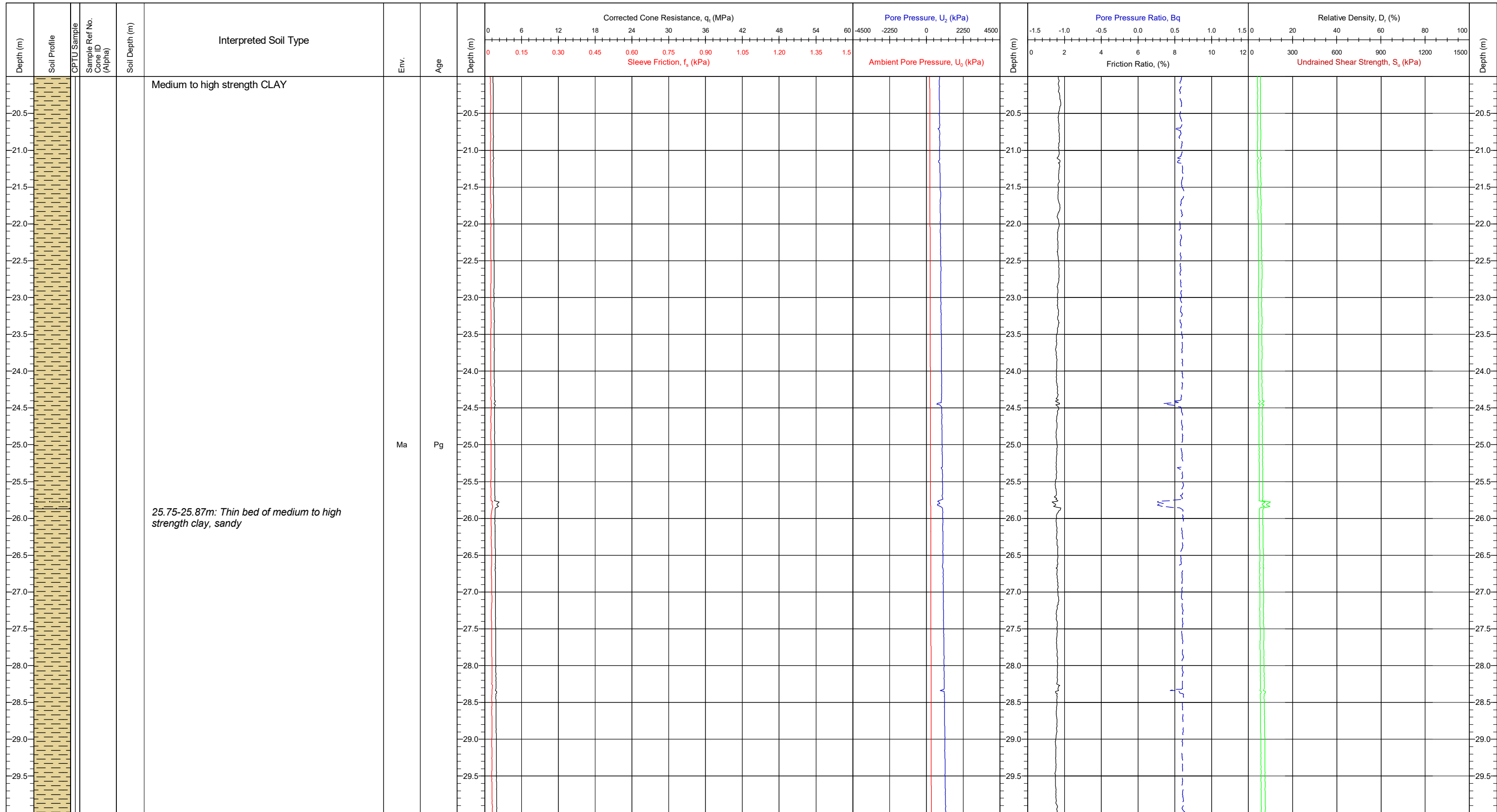
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_h : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	671118.6E 6254692.2N	CRS: ETRS89							
Contract	11596	Water Depth (mMSL)	27.4		Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test						
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	28/04/2021								
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	191114 (50cm ²) / 0.76								
Method	20 kN Sea bed CPT	Base Inclination	X = 0.5° / Y = 0.0°								
					QC Status						
					<table style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC (28/04/2021)</td> <td style="text-align: center;">DR (10/06/2021)</td> <td style="text-align: center;">SMc (10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
Preliminary	Draft	Final									
JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)									
					CPT Name						
					CB5a						
					Page: 2/4						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

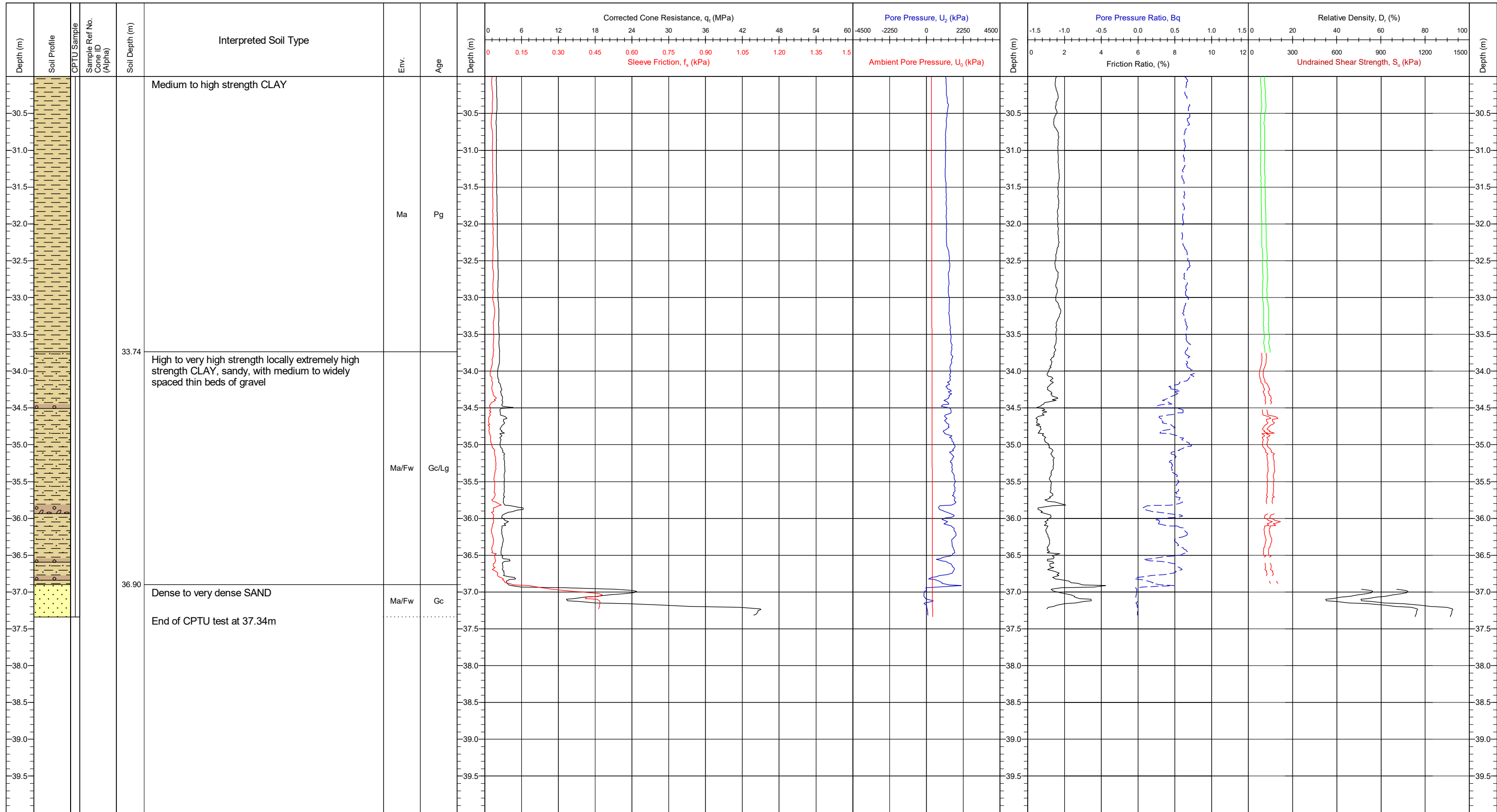
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	671118.6E 6254692.2N	CRS: ETRS89	QC Status			CPT Name CB5a
Contract	11596	Water Depth (mMSL)	27.4	Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	28/04/2021		JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	191114 (50cm ³) / 0.76					Page: 3/4
Method	20 kN Sea bed CPT	Base Inclination	X = 0.5° / Y = 0.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



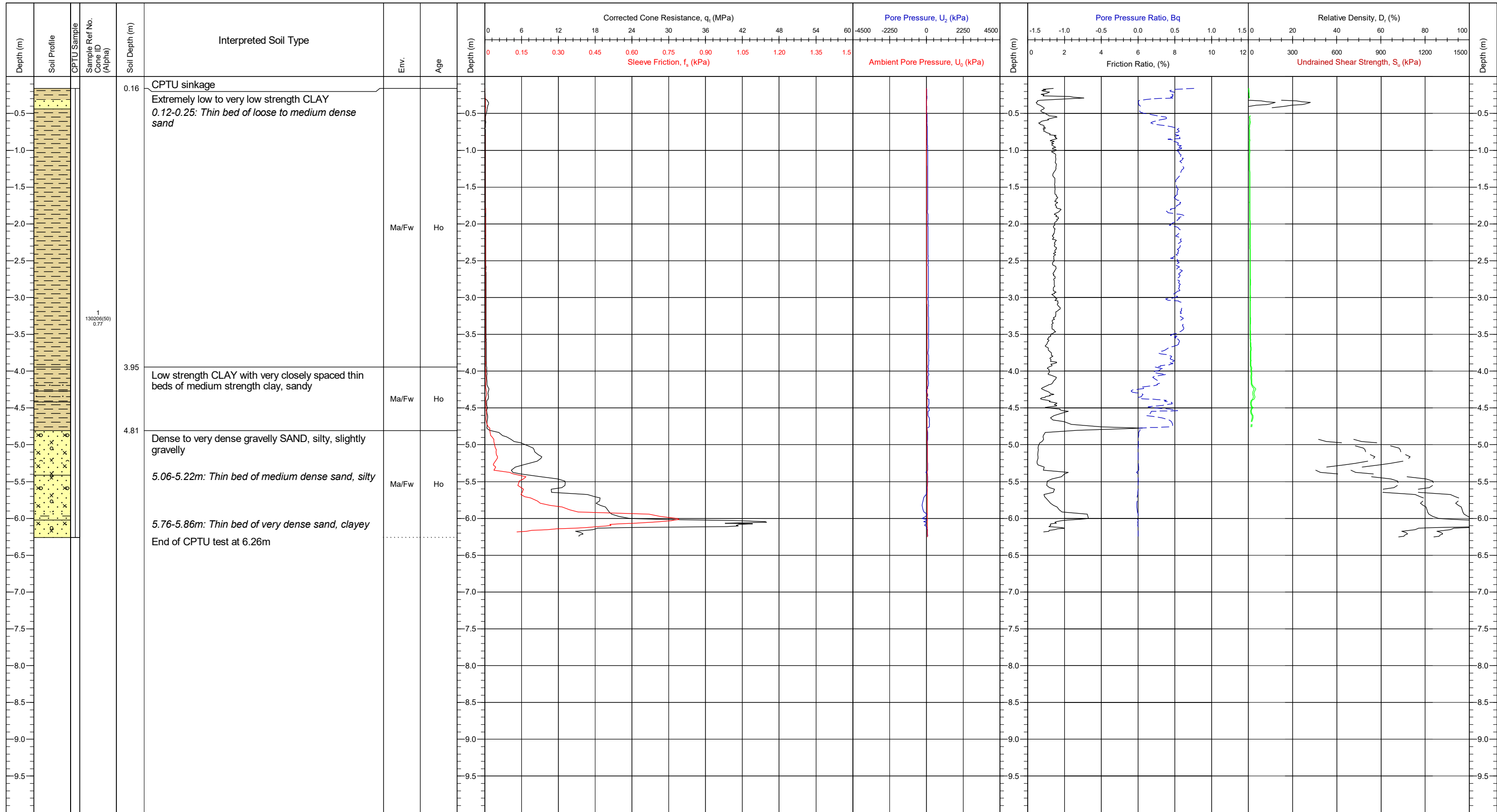
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	671118.6E 6254692.2N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	27.4	Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test			Preliminary	Draft	Final	CB5a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	28/04/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	191114 (50cm ²) / 0.76							
Method	20 kN Sea bed CPT	Base Inclination	X = 0.5° / Y = 0.0°							
							JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 4/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



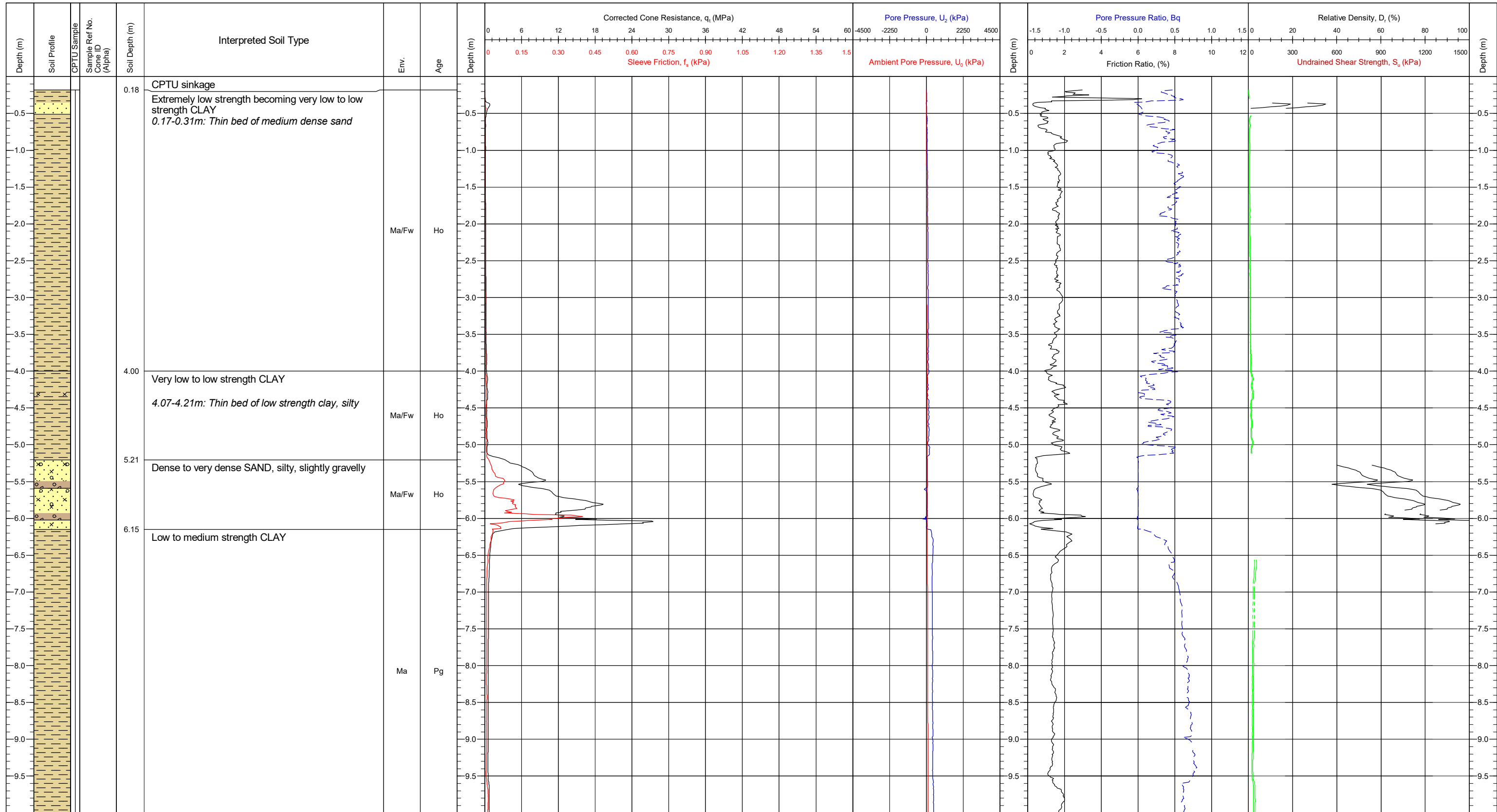
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_c : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	668194.0E 6257998.4N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	26.7	Comments: Cone class 1. Continuous seabed CPT. Final depth 6.10m. Test terminated at operators discretion due to sudden increase in inclination and tip resistance	Preliminary	Draft	Final	CB6
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77		Page: 1/1			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

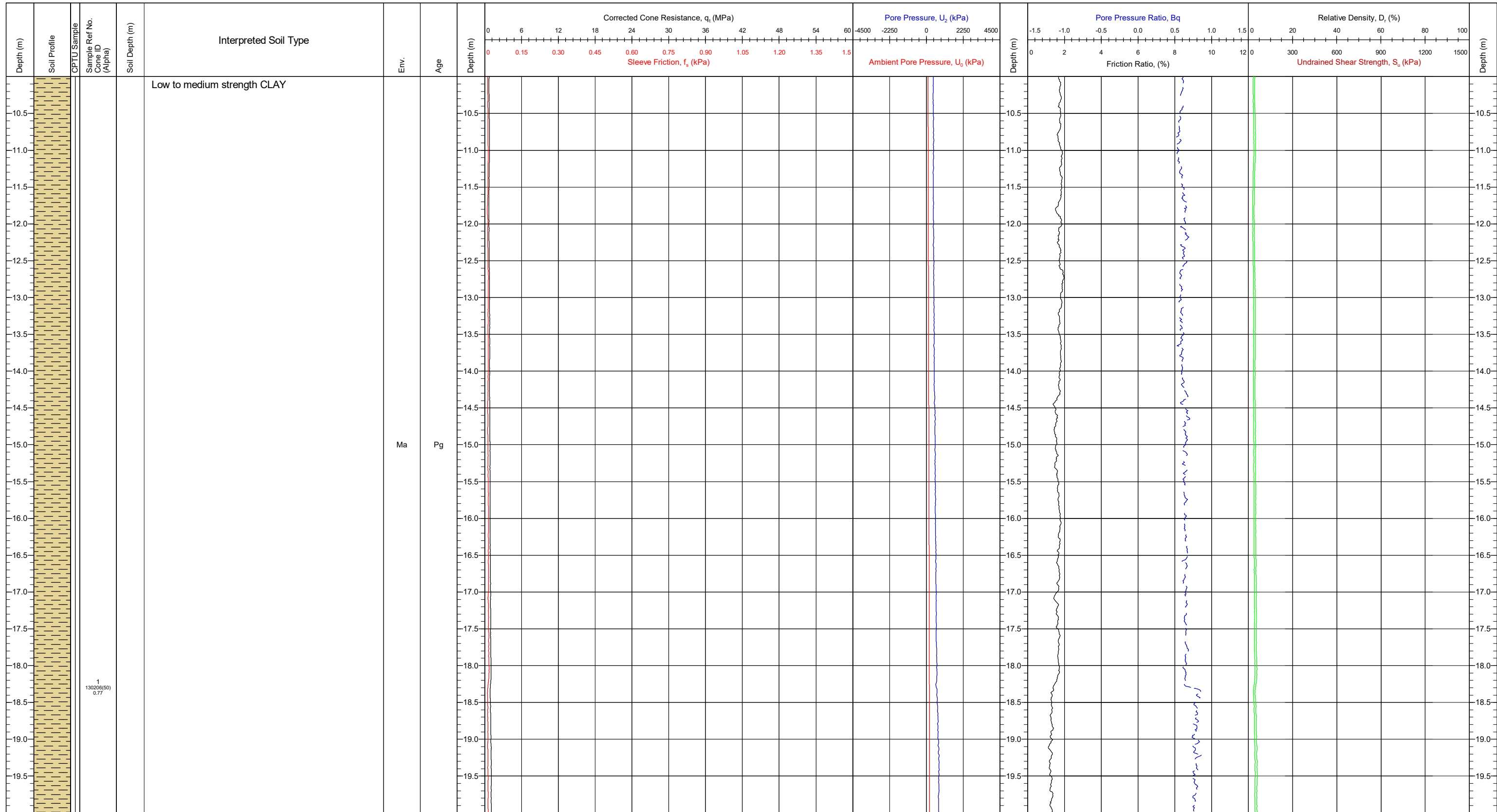
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_h : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668194.3E 6257993.1N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	26.8	Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)	QC Status Preliminary Draft Final JK/BC (29/04/2021) DR (10/06/2021) SMC (10/11/2021)	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021			
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°			
					CPT Name	CB6a
					Page: 1/4	

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

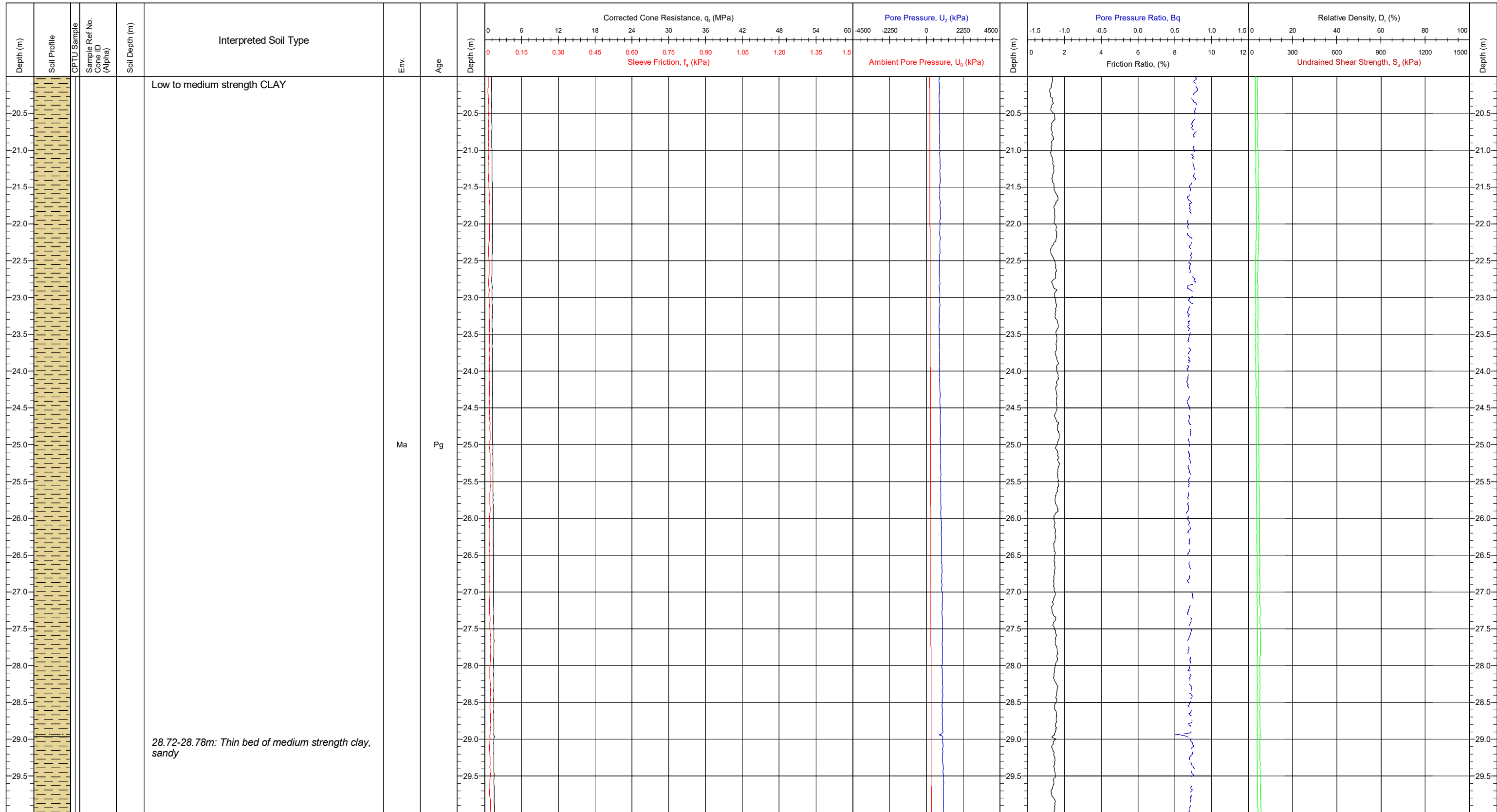
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668194.3E 6257993.1N	CRS: ETRS89	QC Status			CPT Name CB6a
Contract	11596	Water Depth (mMSL)	26.8	Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	130206 (50cm ²) / 0.77					Page: 2/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



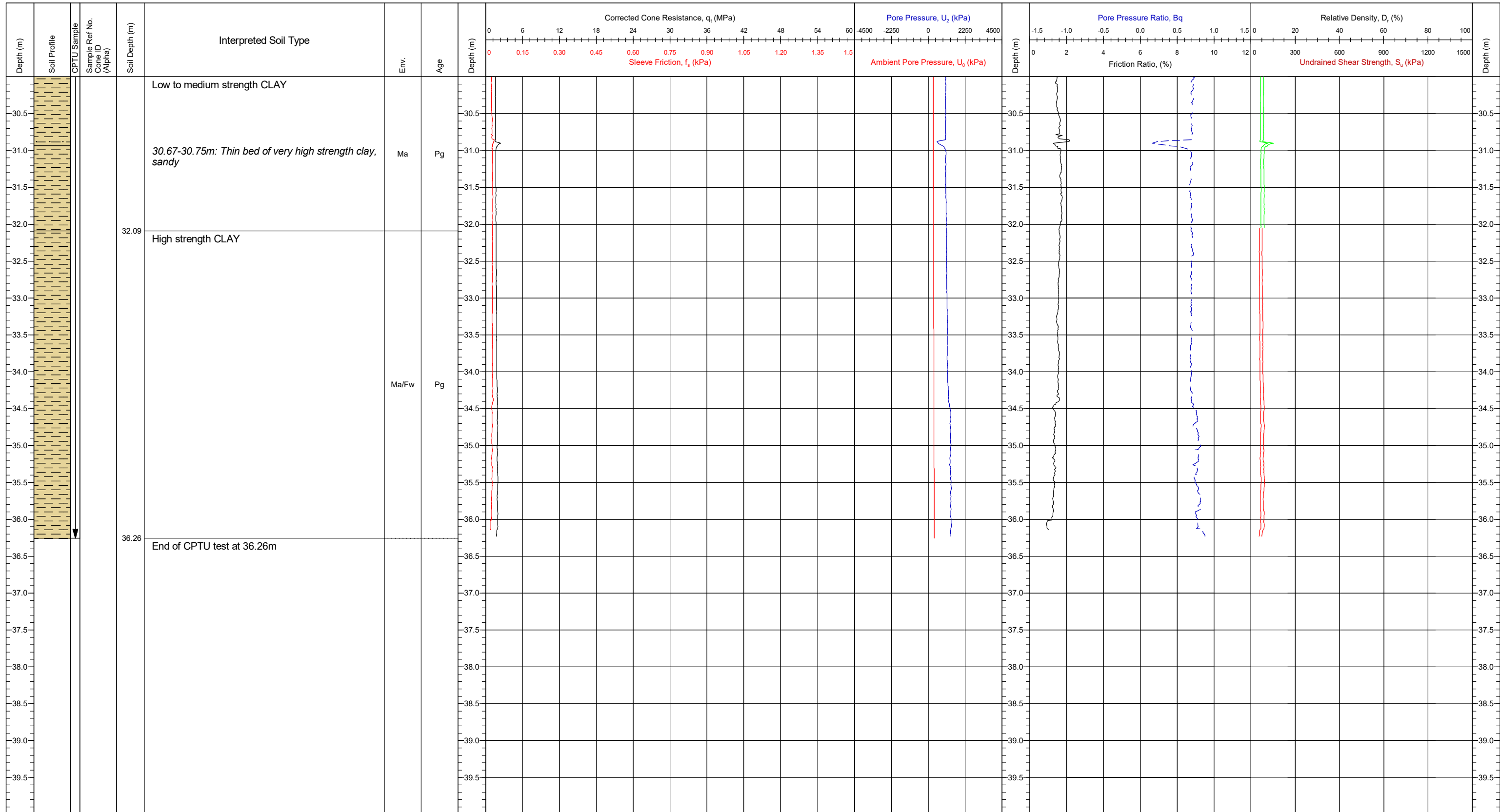
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	668194.3E 6257993.1N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	26.8	Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77		
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		
				QC Status: Preliminary Draft Final	
				JK/BC (29/04/2021) DR (10/06/2021) SMC (10/11/2021)	
					CPT Name: CB6a
					Page: 3/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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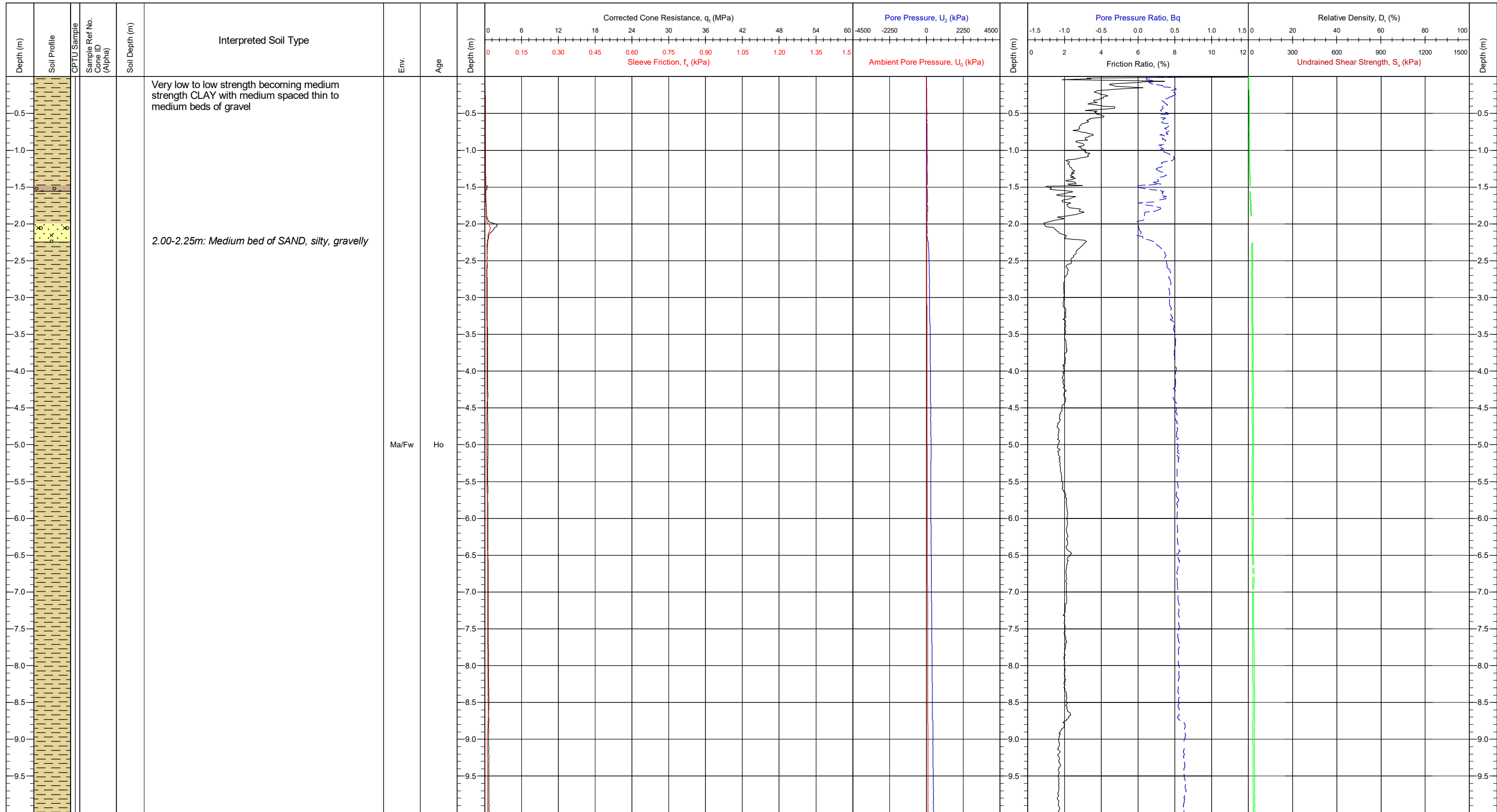
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668194.3E 6257993.1N	CRS: ETRS89	QC Status			CPT Name CB6a
Contract	11596	Water Depth (mMSL)	26.8	Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMC (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	130206 (50cm ²) / 0.77					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



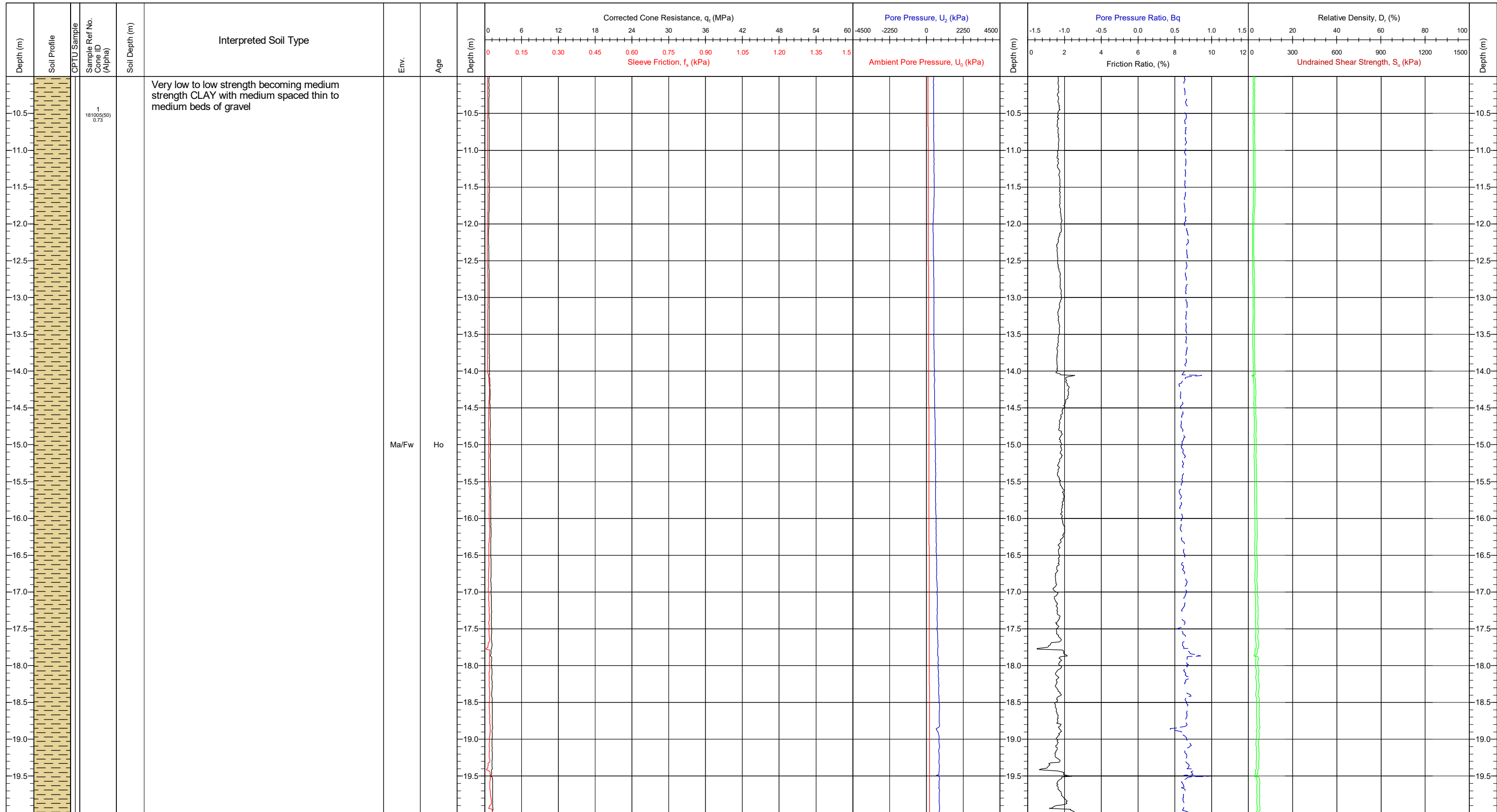
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	673538.0E 6259621.3N	CRS: ETRS89	QC Status			CPT Name CB7
Contract	11596	Water Depth (mMSL)	31.0	Comments: Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	181005 (50cm ³) / 0.73					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°		Page: 1/3			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



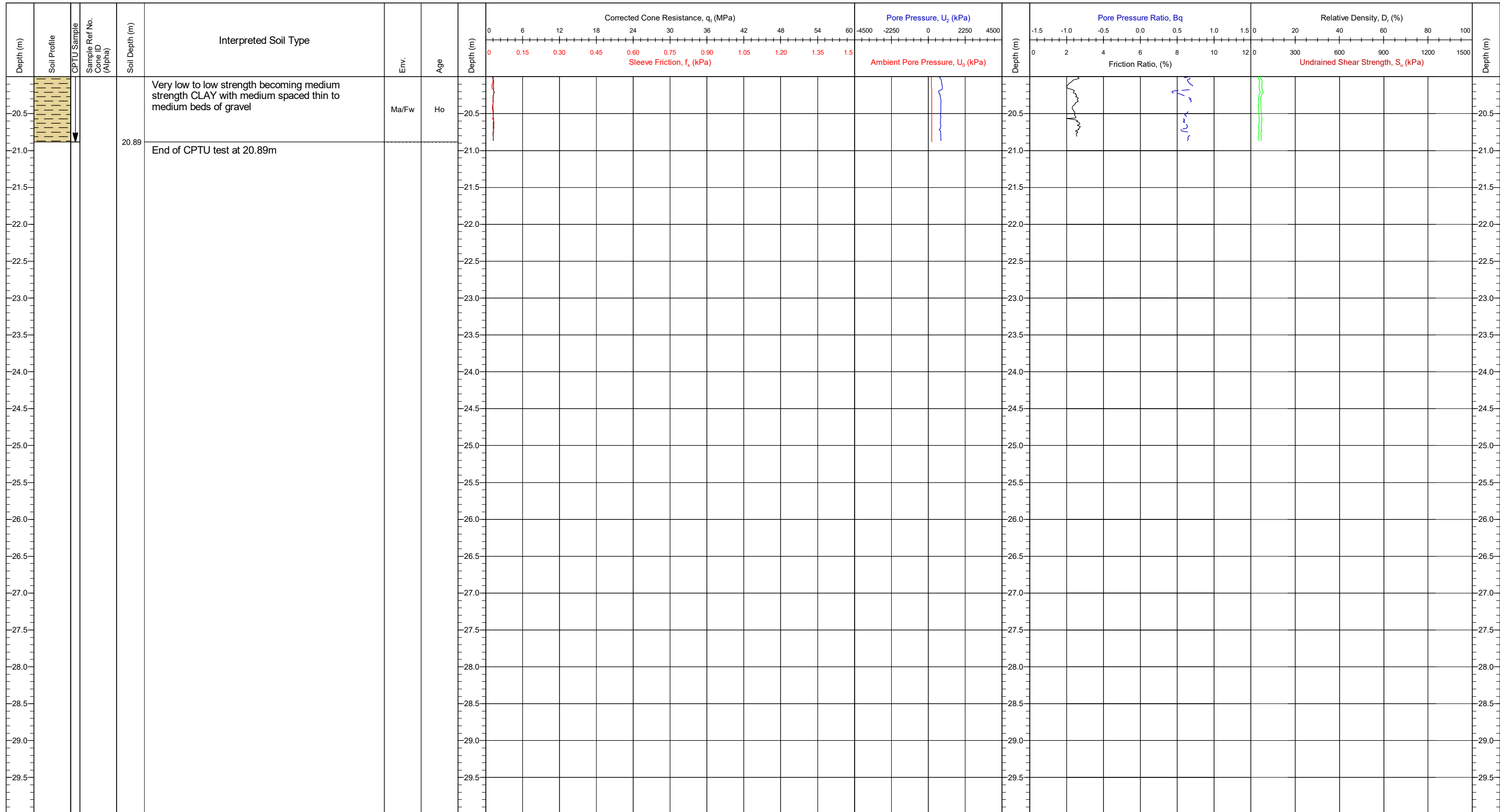
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	673538.0E 6259621.3N	CRS:	ETRS89	QC Status			CPT Name CB7	
Contract	11596	Water Depth (mMSL)	31.0	Comments: Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	181005 (50cm ²) / 0.73							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°							
							JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 2/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



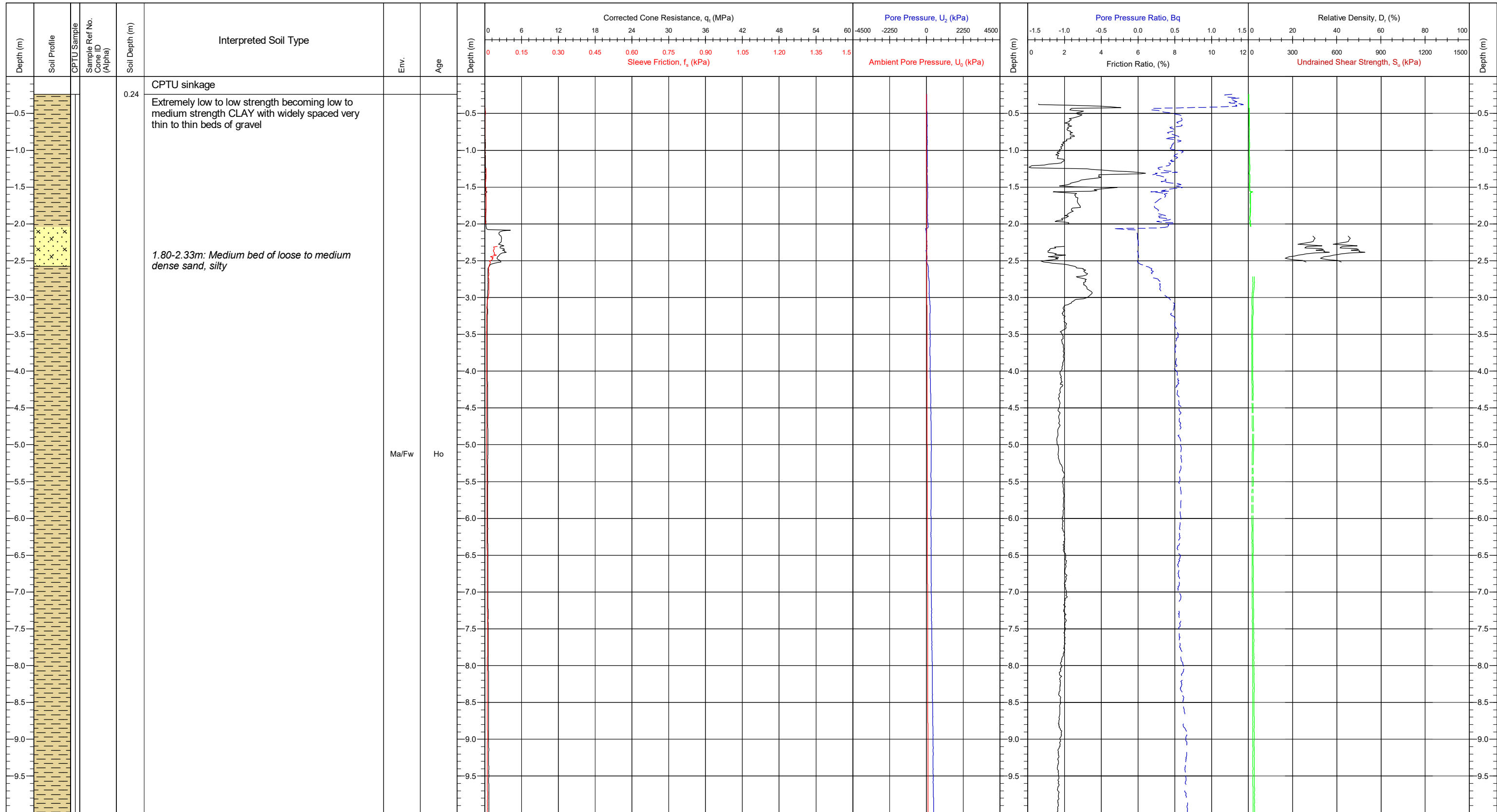
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _v : 15 - 20 K _v : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	673538.0E 6259621.3N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	31.0		Comments: Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181005 (50cm ²) / 0.73		
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°		
			QC Status		CPT Name
			Preliminary	Draft	Final
			JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
					CB7
					Page: 3/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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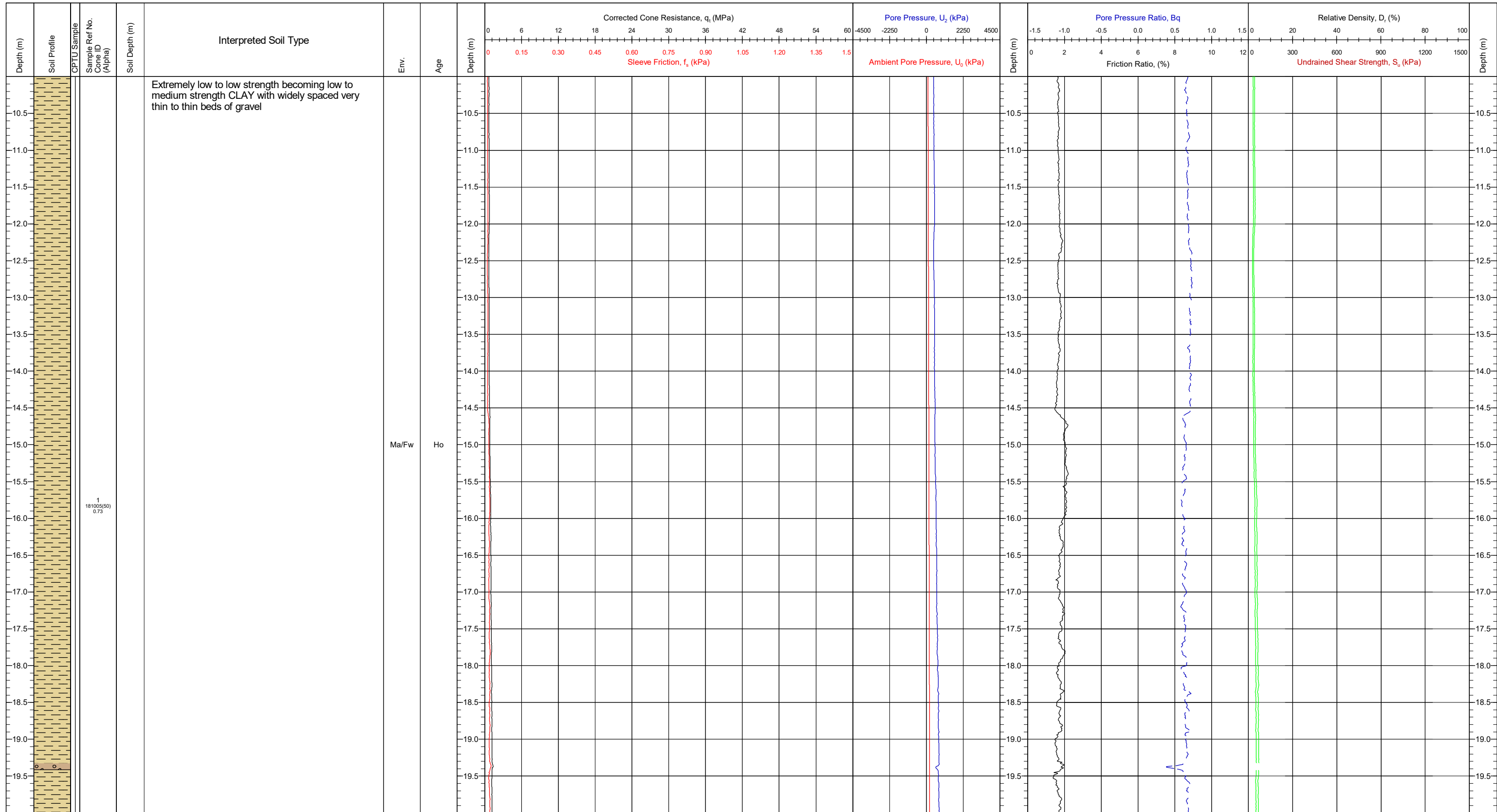
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_c : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89	QC Status			CPT Name CB7a
Contract	11596	Water Depth (mMSL)	31.1	Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181005 (50cm ²) / 0.73					Page: 1/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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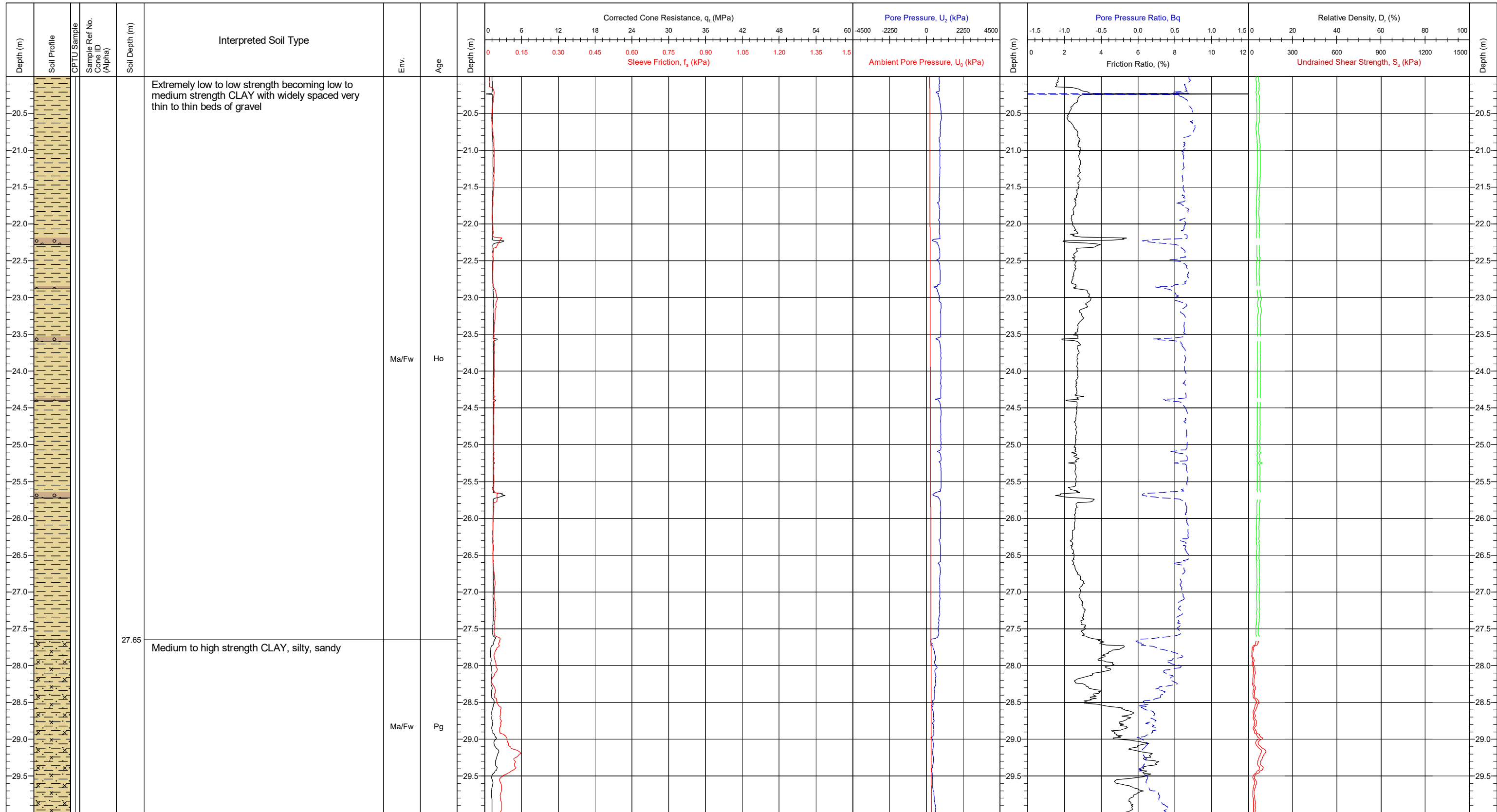
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89	QC Status	CPT Name	
Contract	11596	Water Depth (mMSL)	31.1	Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	181005 (50cm ²) / 0.73		JK/BC	DR	SMc
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		(30/04/2021)	(10/06/2021)	(10/11/2021)
						Page: 2/4	

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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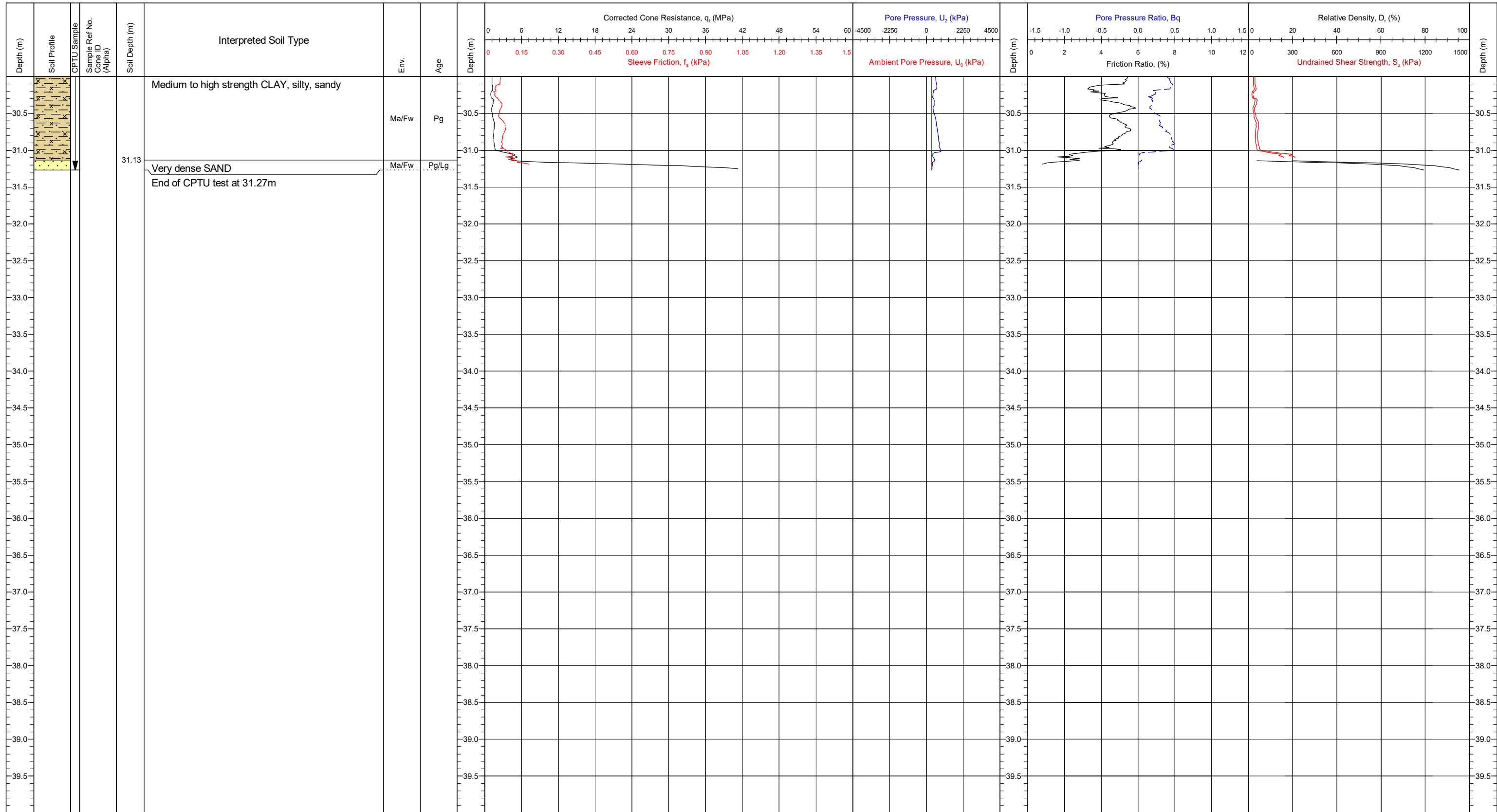
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_h : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.1	Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	CB7a
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181005 (50cm ³) / 0.73							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



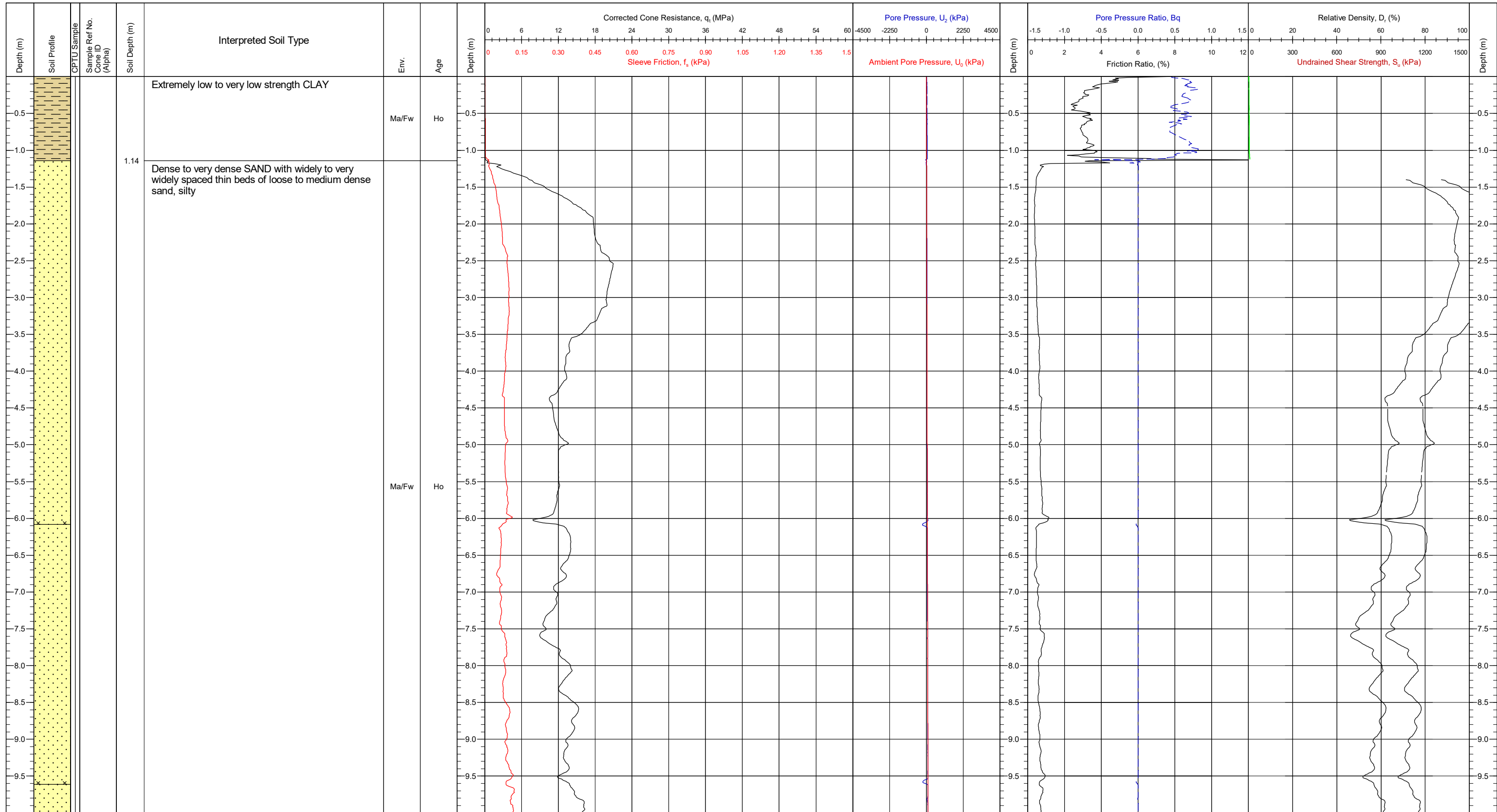
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	31.1	Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021			
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181005 (50cm ²) / 0.73			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°			
					QC Status Preliminary Draft Final JK/BC (30/04/2021) DR (10/06/2021) SMC (10/11/2021)	
					CPT Name CB7a	
					Page: 4/4	

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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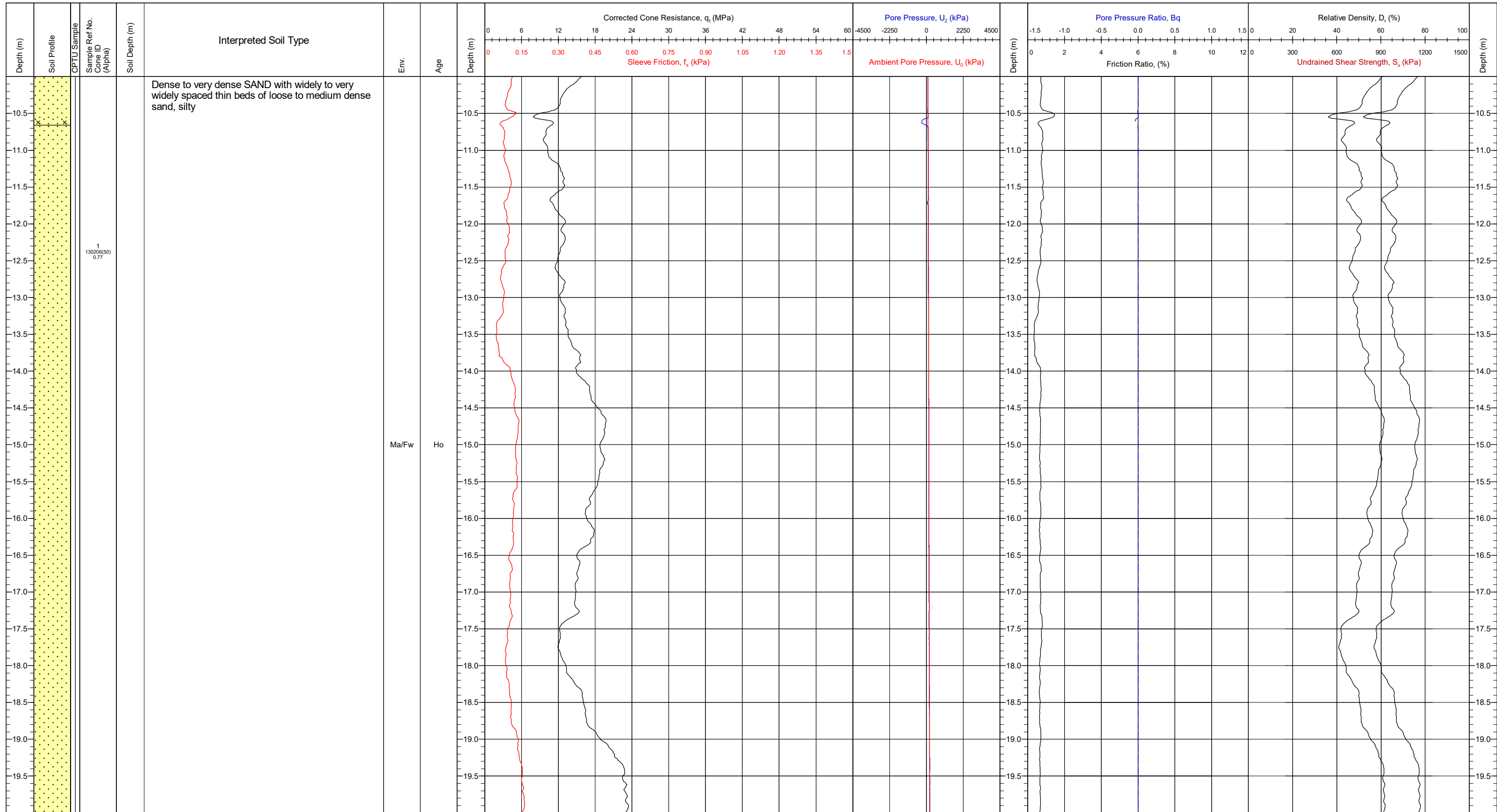
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	QC Status			CPT Name CB8
Contract	11596	Water Depth (mMSL)	30.7	Comments: Cone Class1. Continuous seabed CPT. Final depth 24.61m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	130206 (50cm ²) / 0.77					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = 0.0°				Page: 1/3	

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



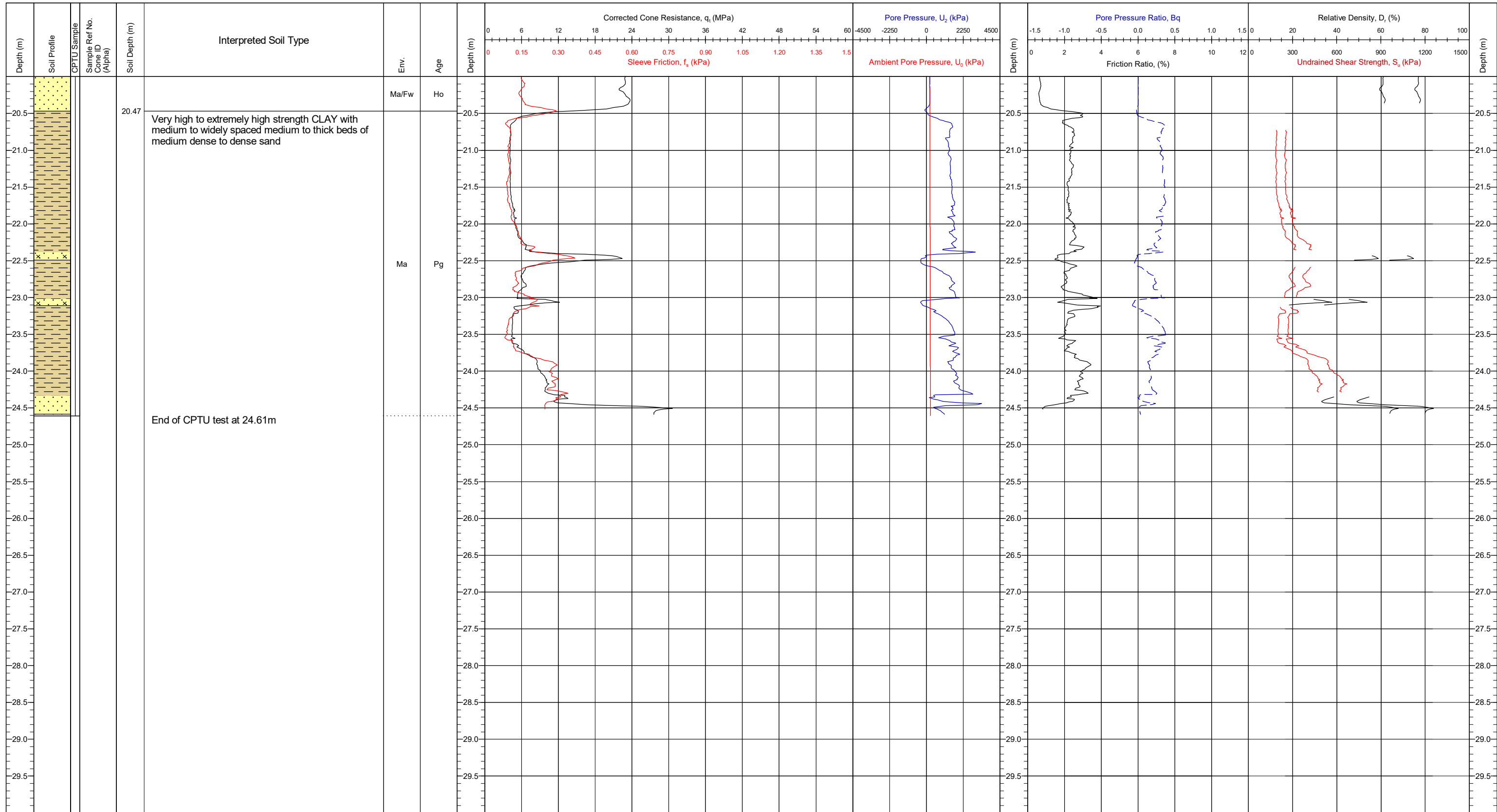
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	30.7		Comments: Cone Class1. Continuous seabed CPT. Final depth 24.61m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (50cm ²) / 0.77		
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = 0.0°		
					QC Status Preliminary Draft Final JK/BC (27/04/2021) DR (10/06/2021) SMc (10/11/2021)
					CPT Name CB8 Page: 2/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



Very high to extremely high strength CLAY with medium to widely spaced medium to thick beds of medium dense to dense sand

End of CPTU test at 24.61m

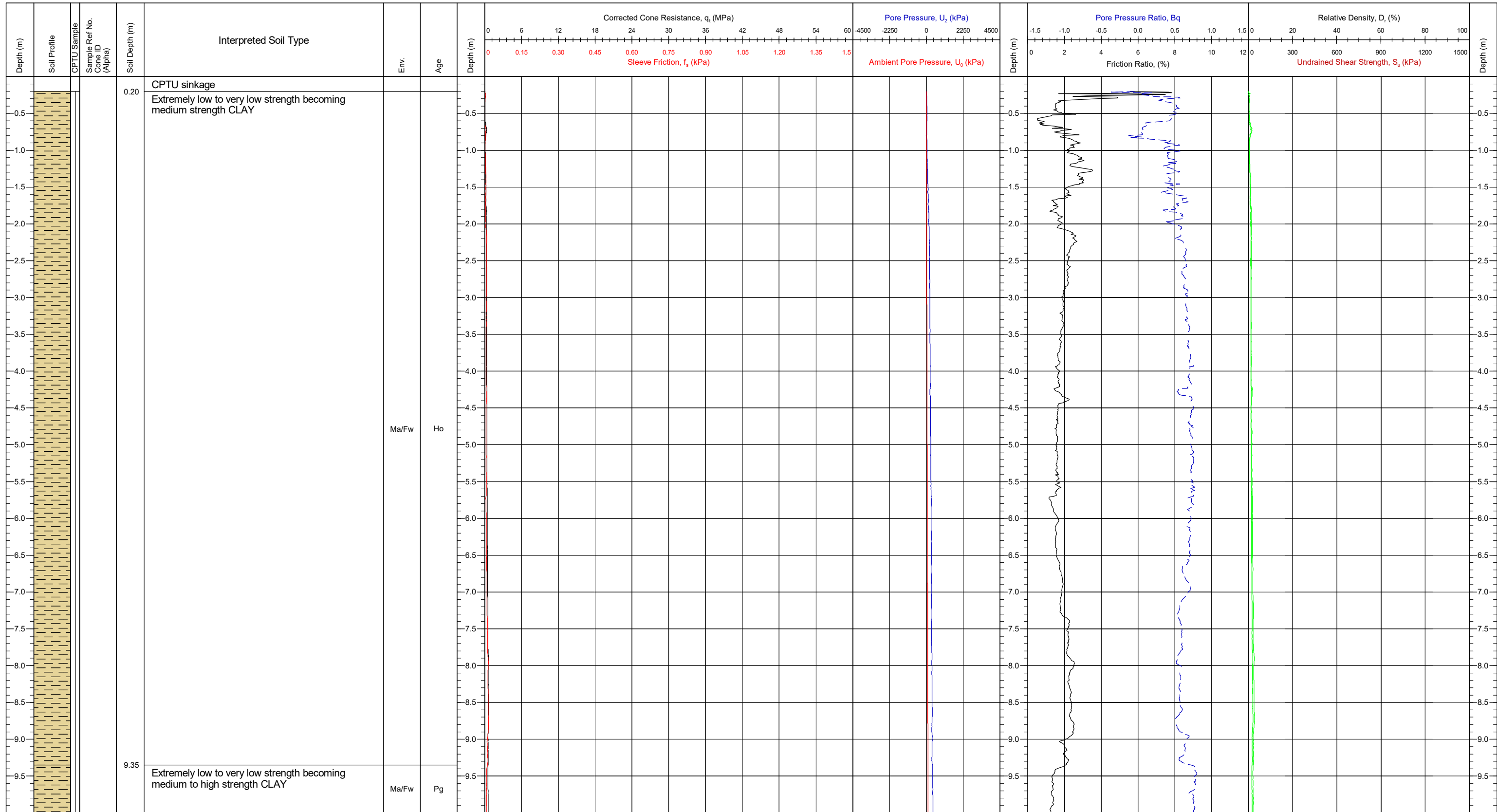
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	30.7	Comments: Cone Class1. Continuous seabed CPT. Final depth 24.61m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.			Preliminary	Draft	Final	CB8
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	130206 (50cm ²) / 0.77							
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = 0.0°							
							JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 3/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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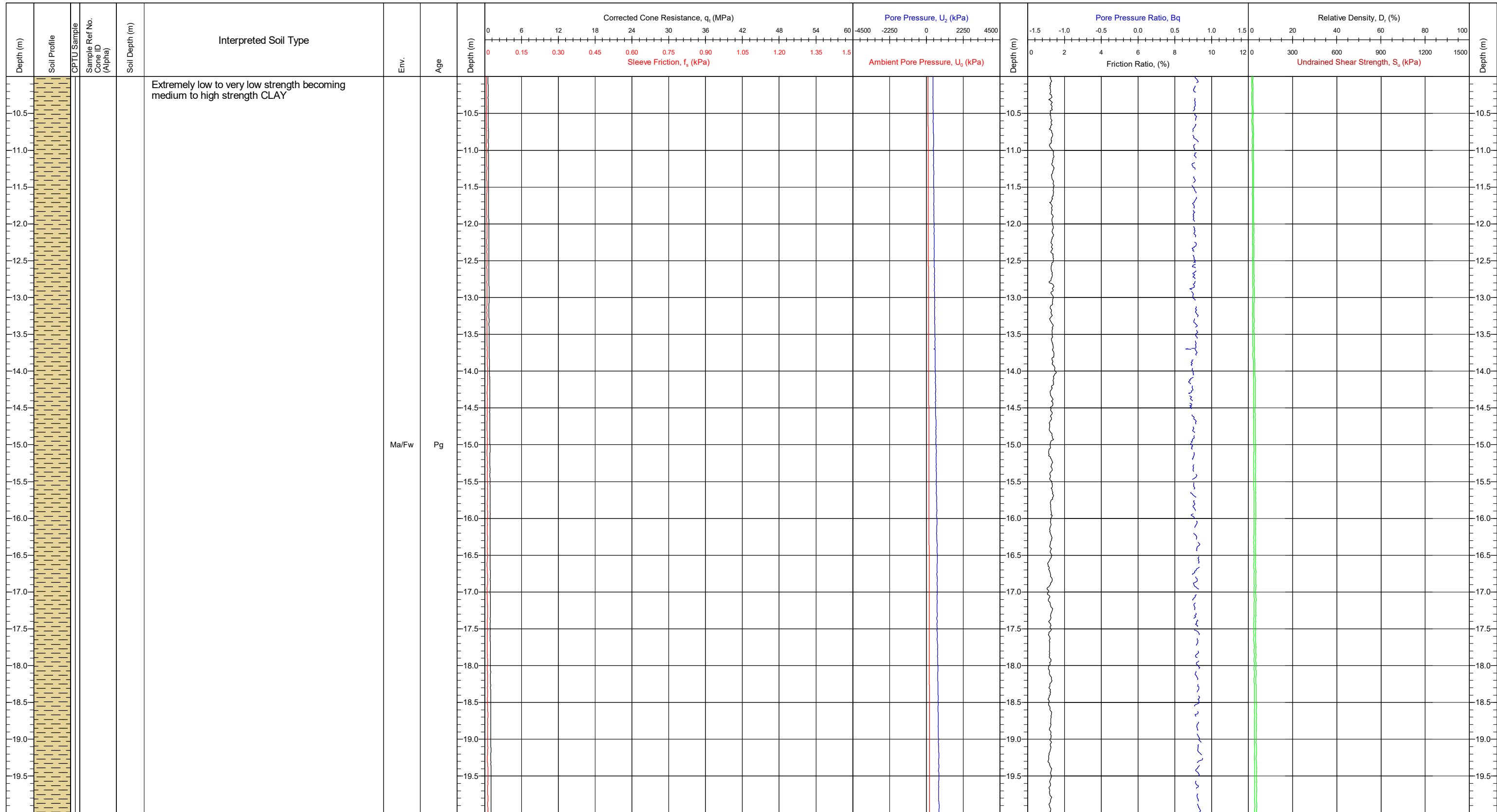
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status			CPT Name CB9
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021		JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82					Page: 1/5
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

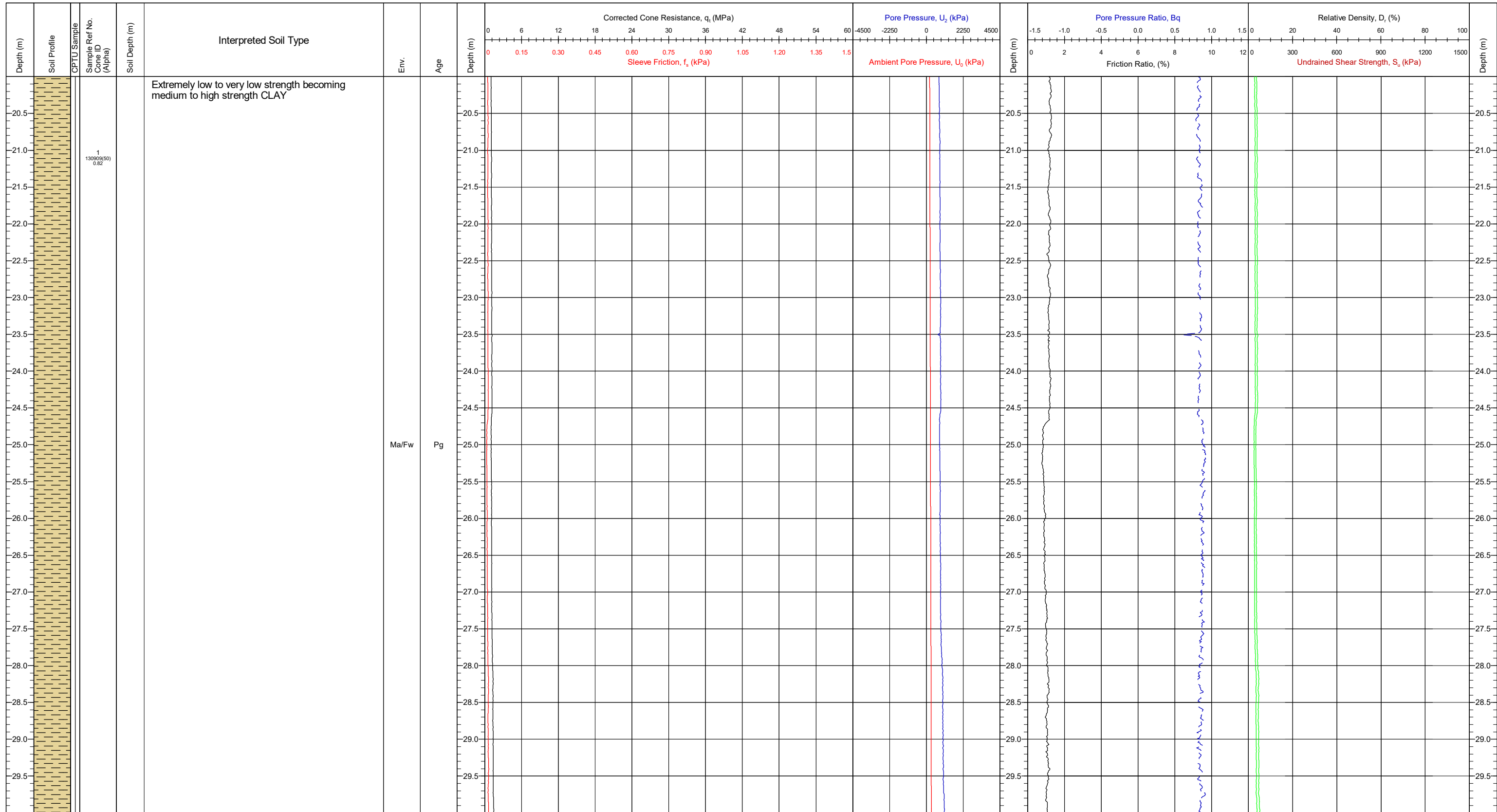
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status			CPT Name CB9
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021		JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	130909 (50cm ²) / 0.82					Page: 2/5
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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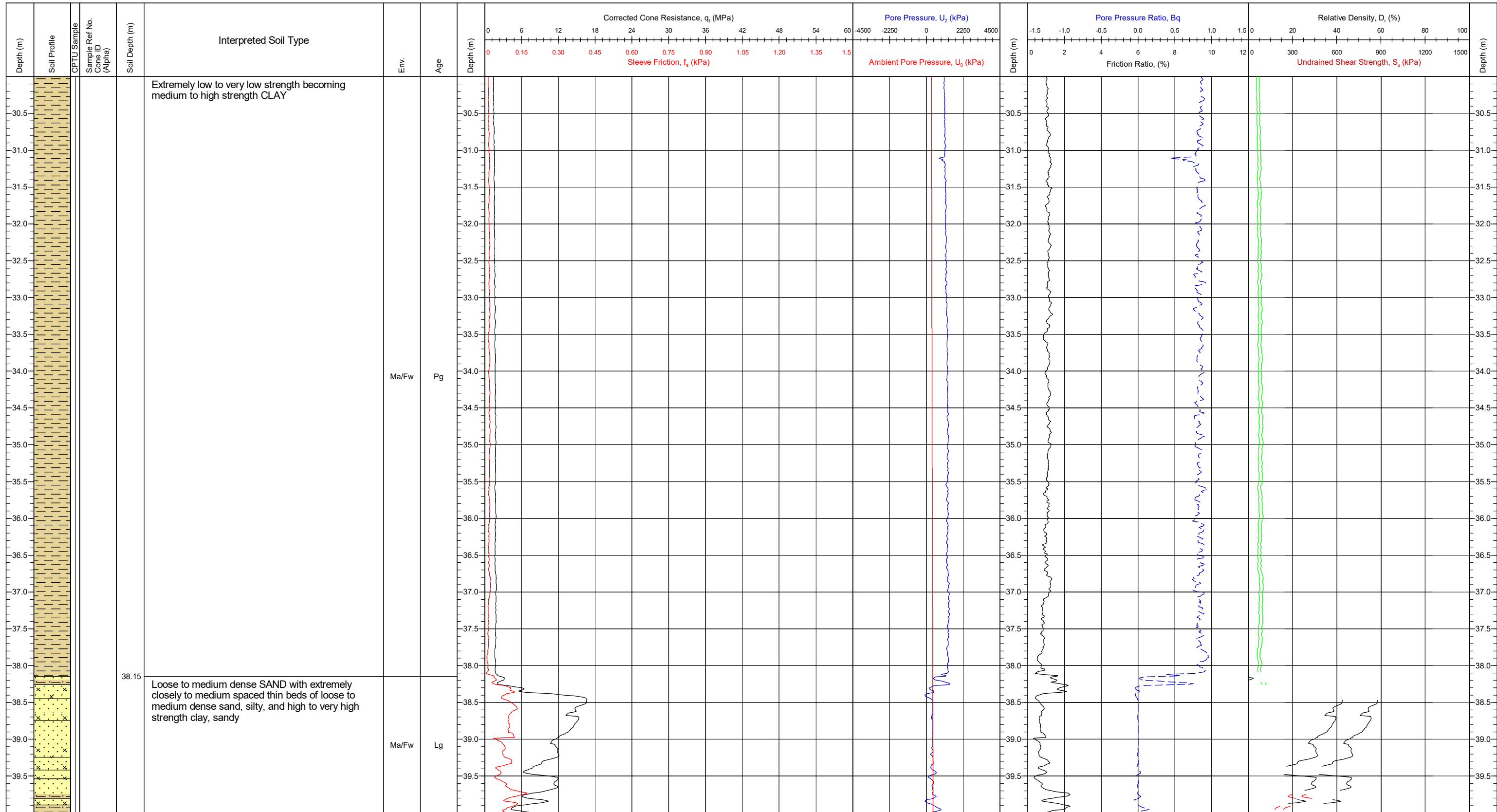
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89			
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre	QC Status		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021		Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82		JK/BC	DR	SMc
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°		(02/05/2021)	(10/06/2021)	(10/11/2021)
						CPT Name	CB9
						Page: 3/5	

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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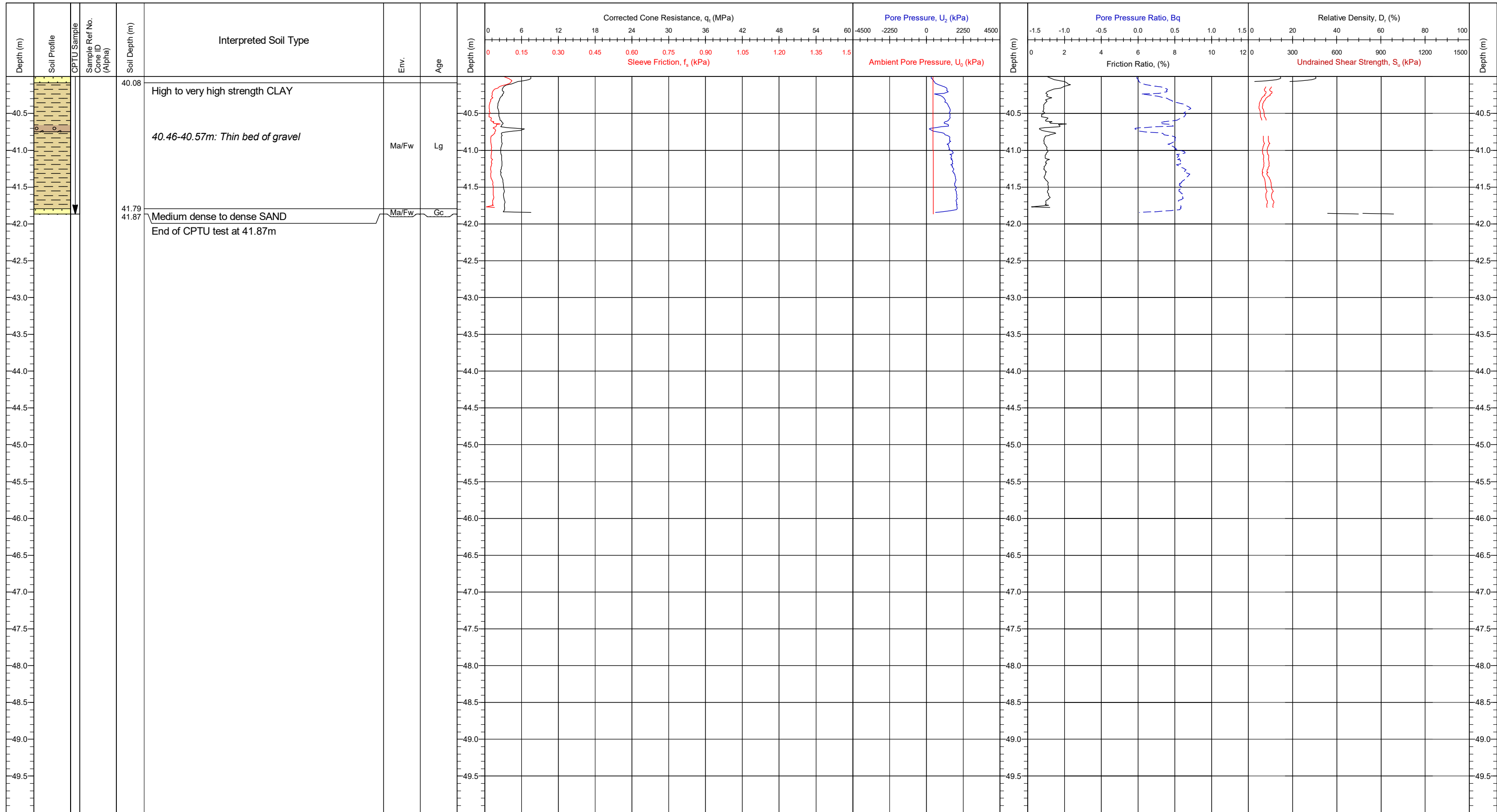
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status			CPT Name CB9
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021		JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	130909 (50cm ²) / 0.82					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°	Page: 4/5				

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



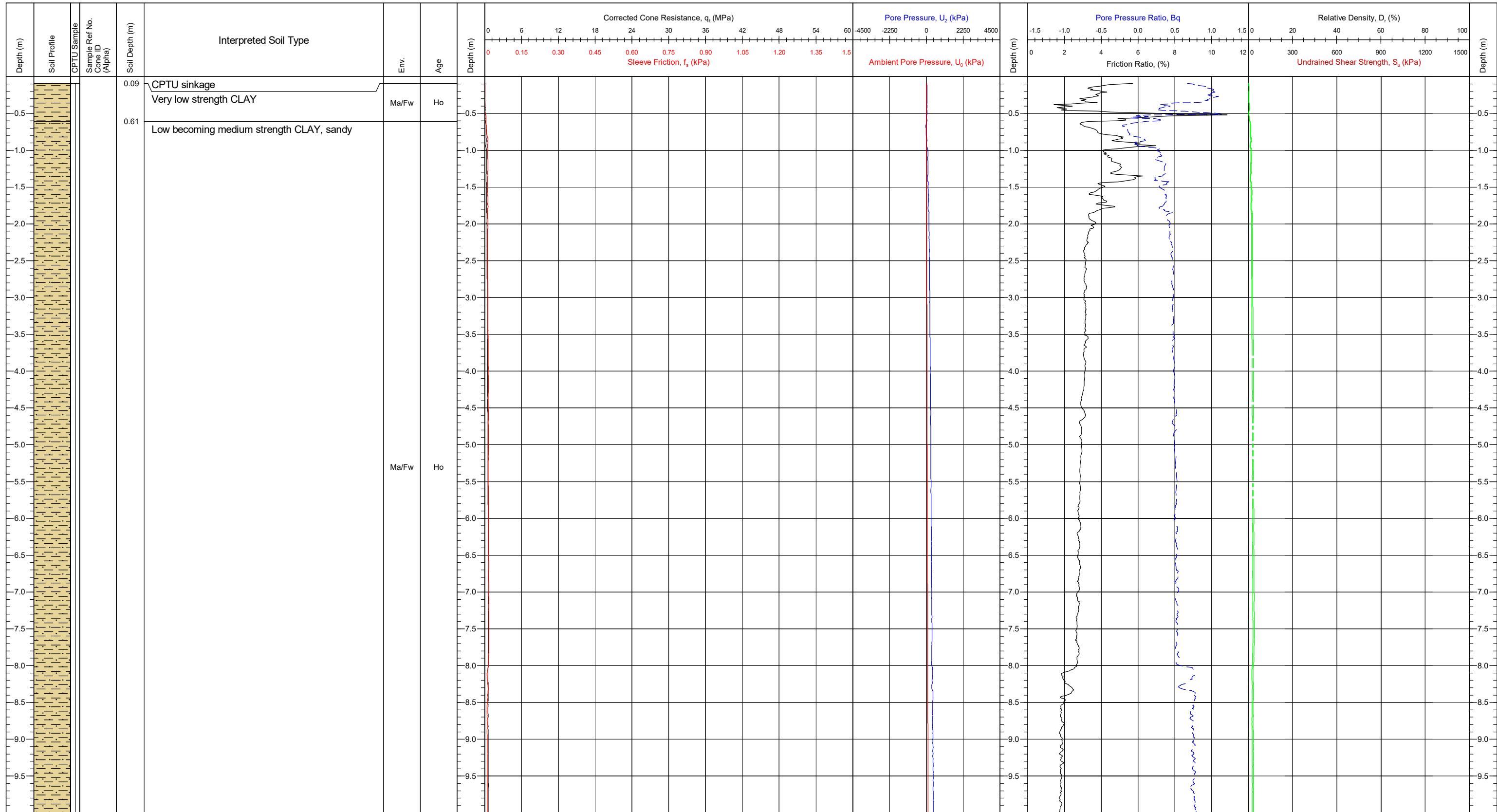
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_c : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°							
							JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	CB9
										Page: 5/5

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



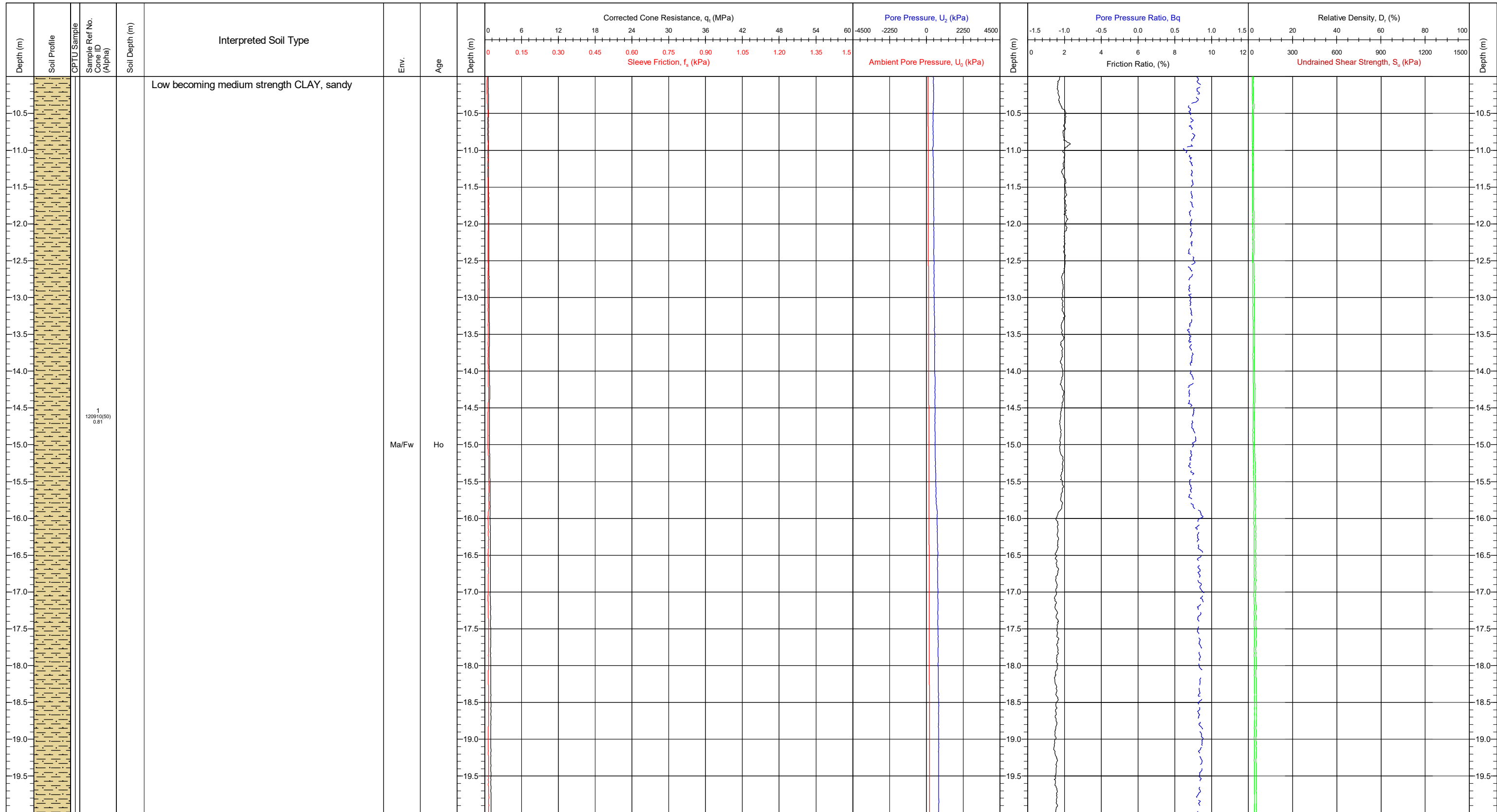
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	32.0	Comments: Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline			Preliminary	Draft	Final	CB10
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ³) / 0.81							
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = 0.0°							
							JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 1/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

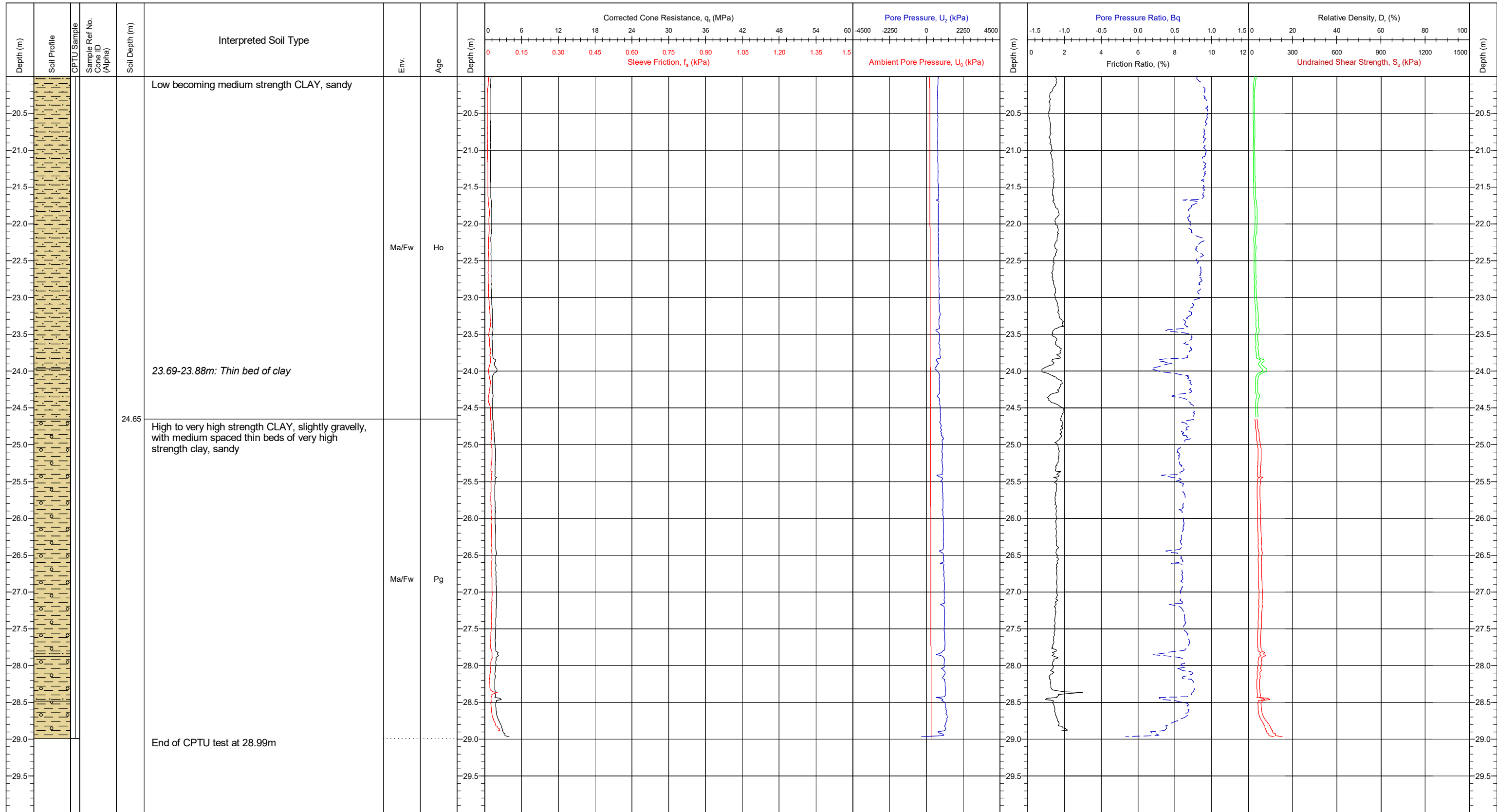
Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	32.0	Comments: Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline	QC Status Preliminary Draft Final JK/BC (26/04/2021) DR (10/06/2021) SMc (10/11/2021)
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ²) / 0.81		
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = 0.0°		

CB10

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



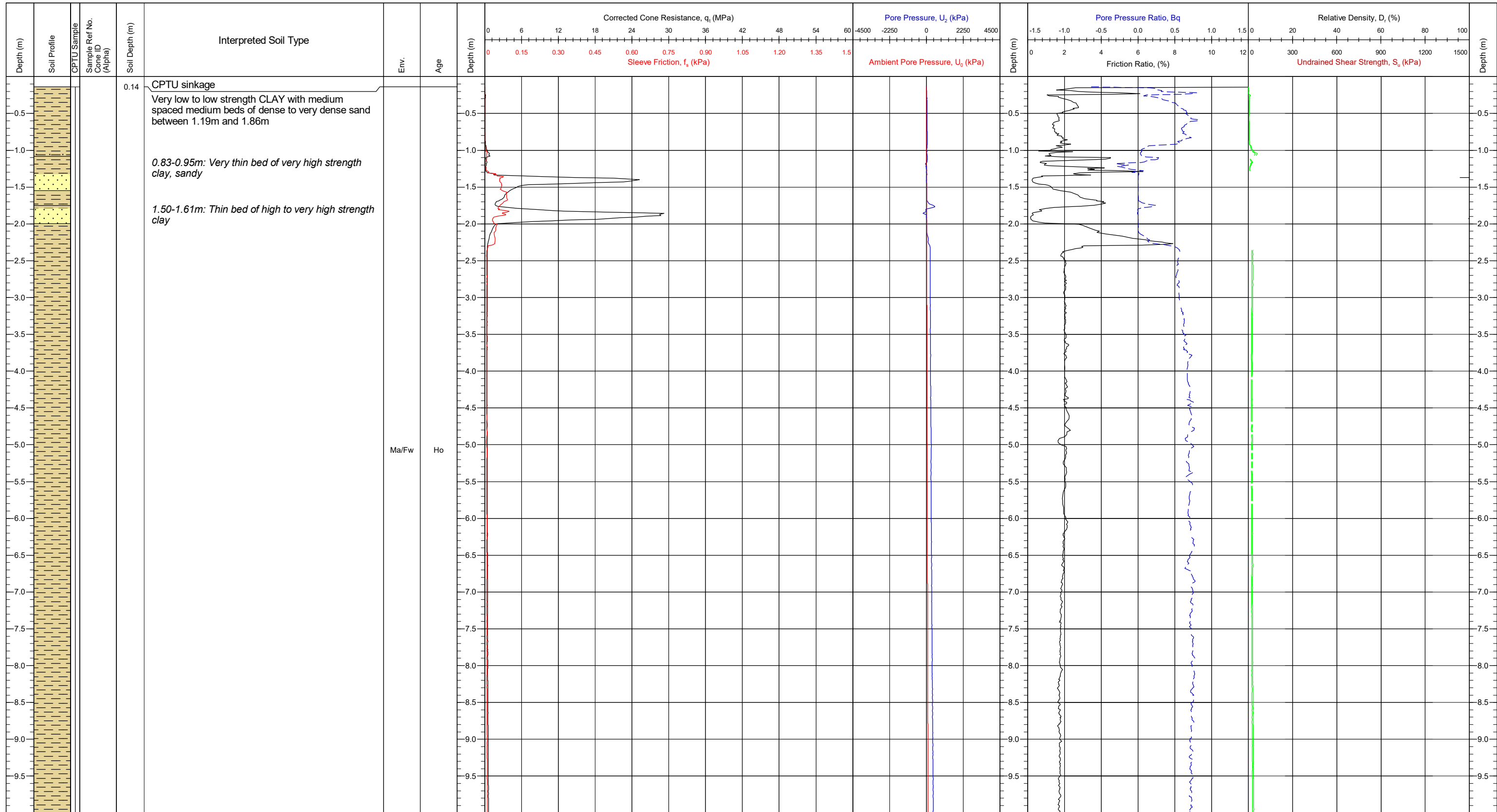
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS:	ETRS89	QC Status			CPT Name CB10	
Contract	11596	Water Depth (mMSL)	32.0	Comments: Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ³) / 0.81							
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = 0.0°							
							JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 3/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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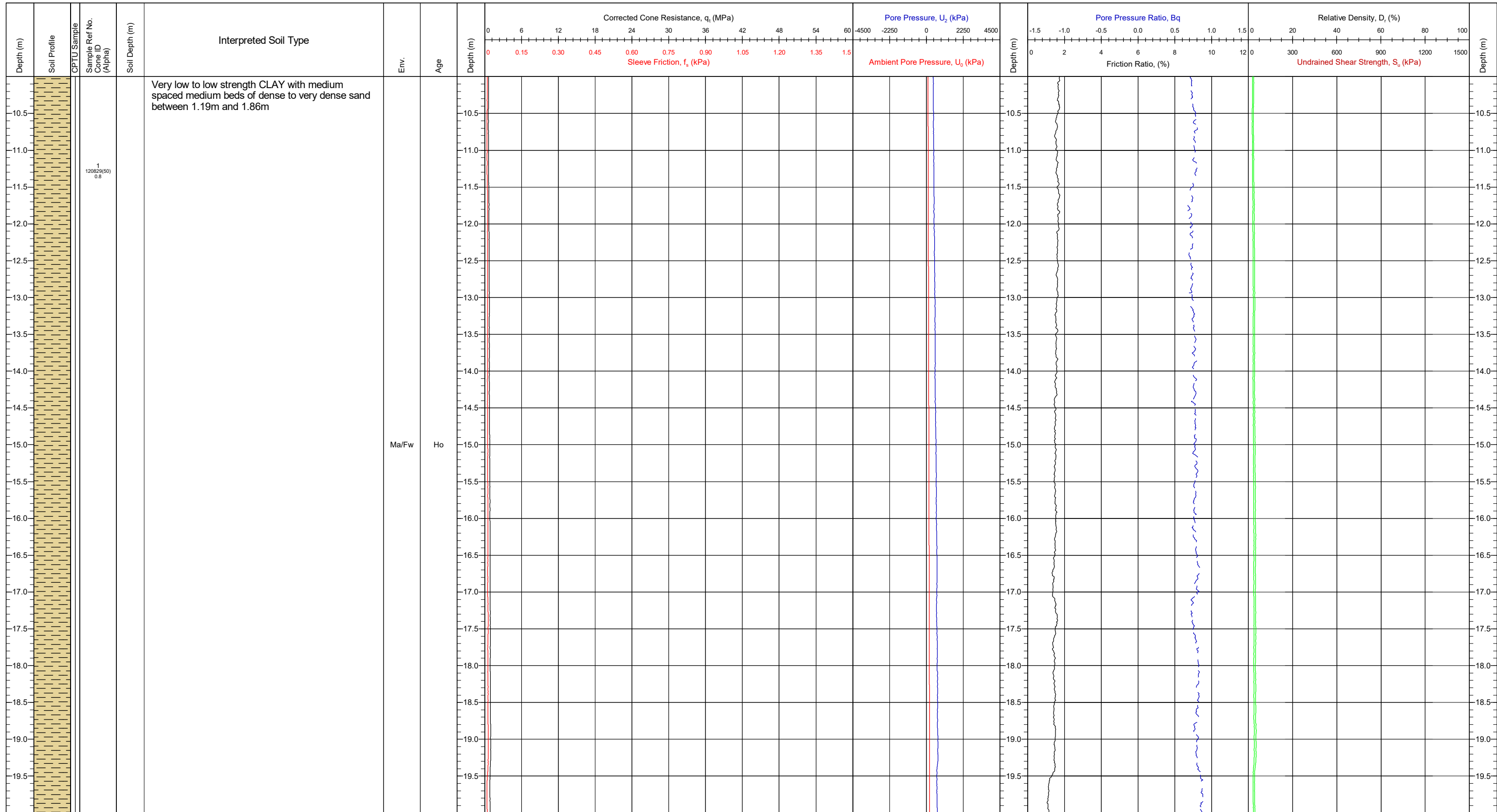
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_c : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	678372.4E 6256256.9N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.4	Comments: Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021						
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120829 (50cm ²) / 0.80				(29/04/2021)	(10/06/2021)	(10/11/2021)
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

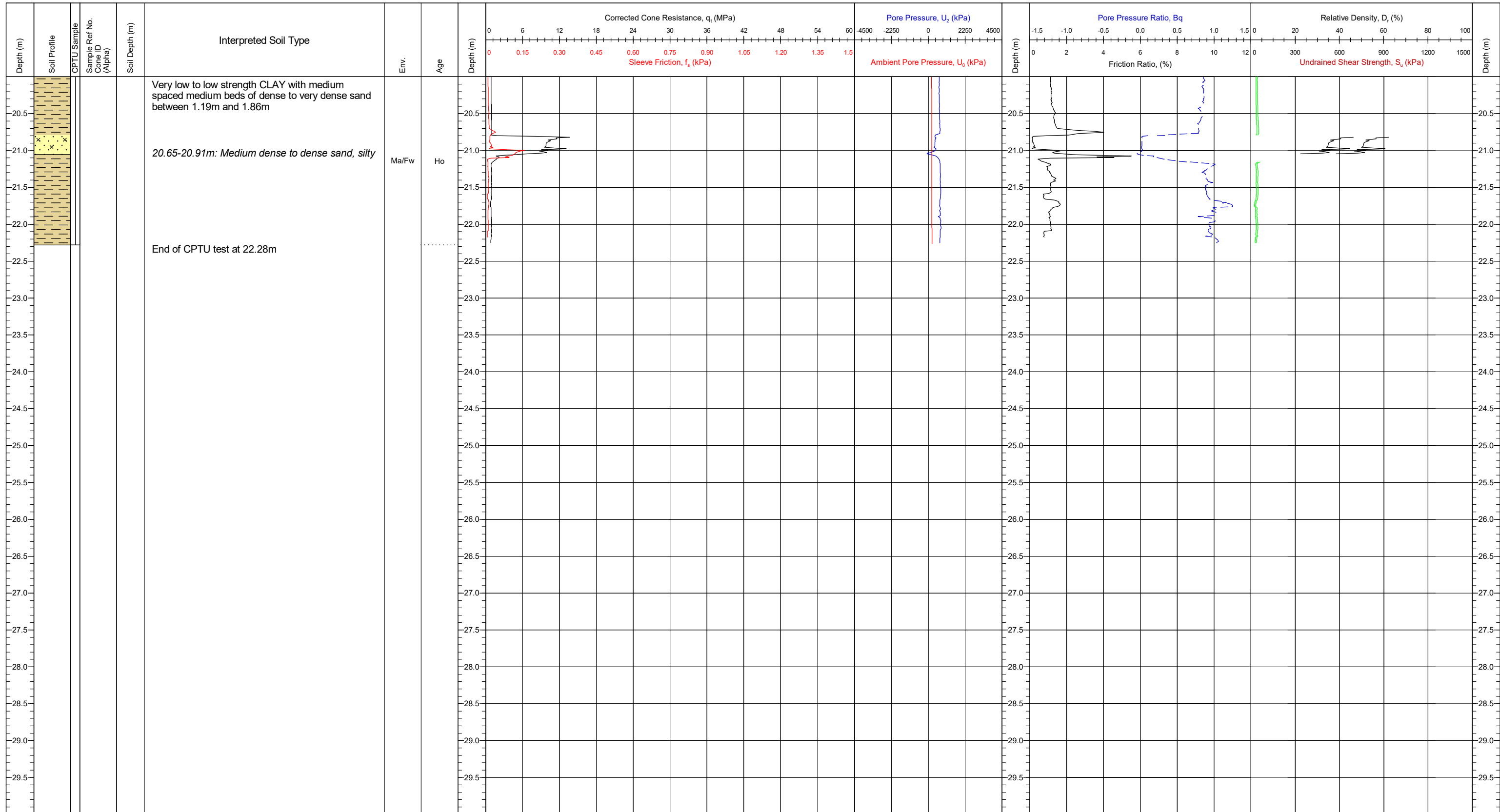
	SILT		CLAY		SAND		GRAVEL
	CHALK		PEAT		COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	678372.4E 6256256.9N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	31.4			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021		Comments: Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (50cm ²) / 0.80			
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°			
				QC Status		
				Preliminary	Draft	Final
				JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
				CPT Name		
				CB11		
				Page: 2/3		

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



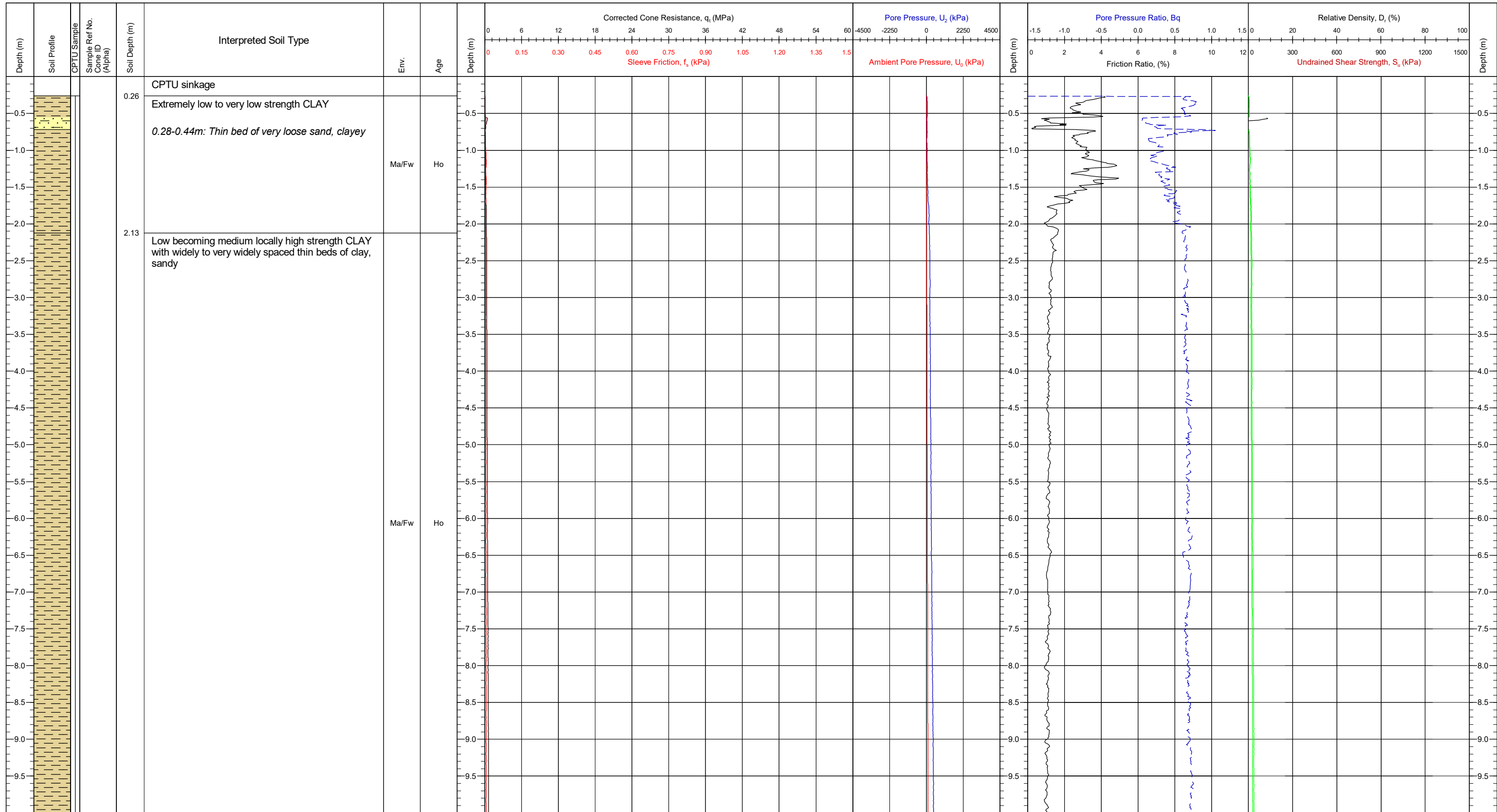
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	678372.4E 6256256.9N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	31.4		Comments: Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021			
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (50cm ²) / 0.80			
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°			
					QC Status	Preliminary Draft Final CB11
					JK/BC (29/04/2021) DR (10/06/2021) SMC (10/11/2021)	
Page: 3/3						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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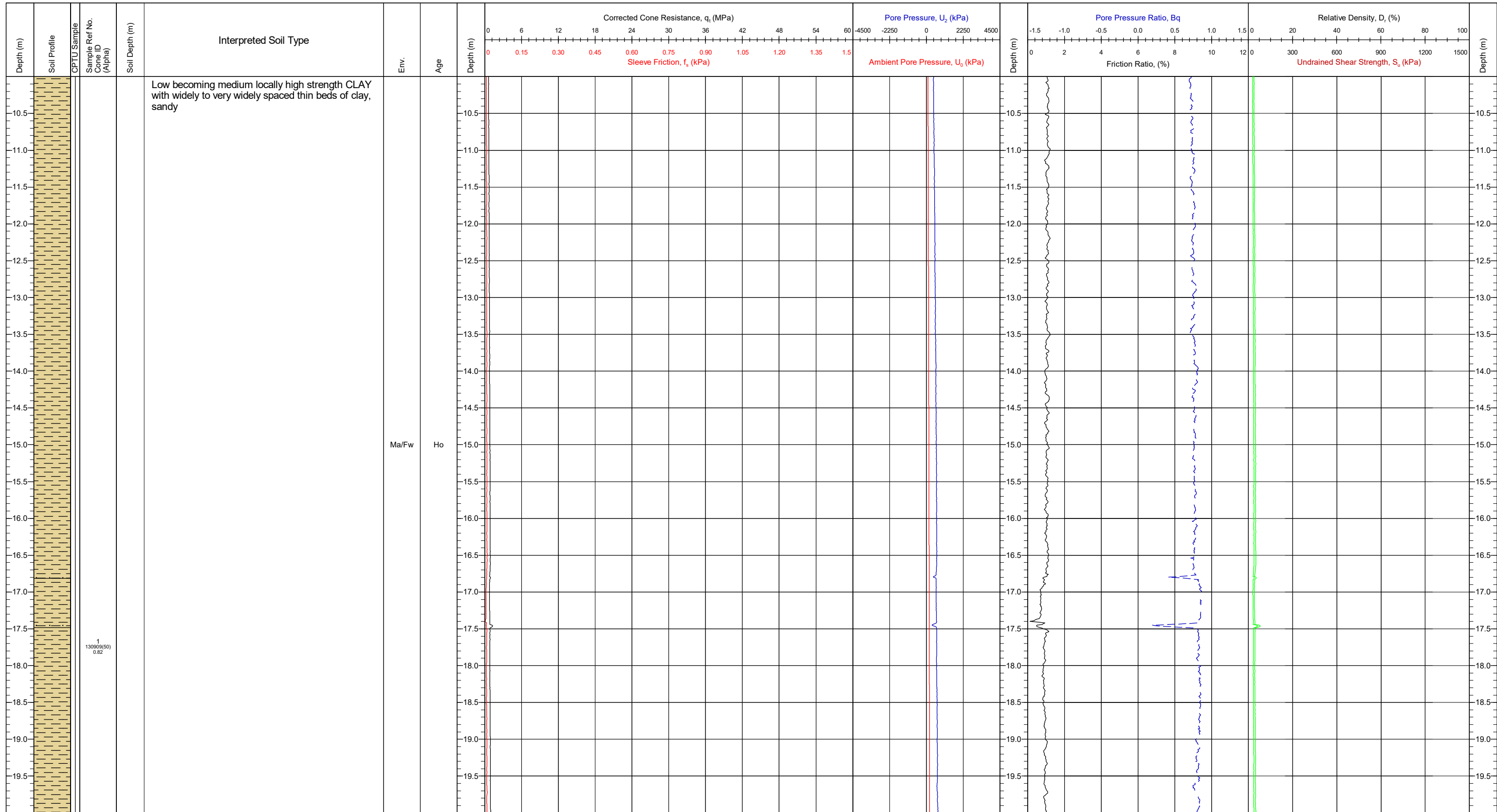
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS: ETRS89	QC Status			CPT Name CB12
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130909 (50cm ²) / 0.82					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.9°		Page: 1/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



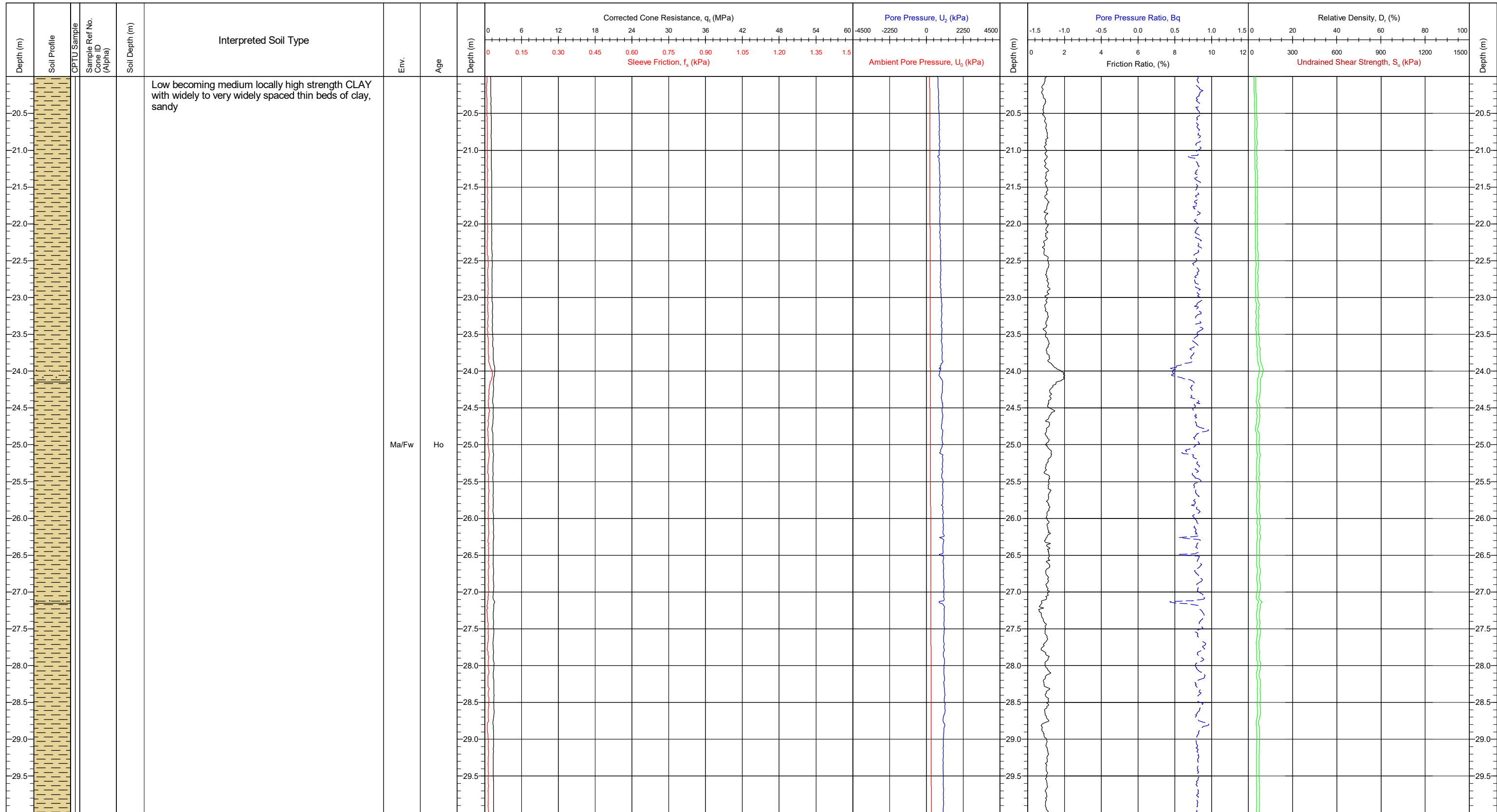
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend			Preliminary	Draft	Final	CB12
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	130909 (50cm ²) / 0.82				JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.9°				Page: 2/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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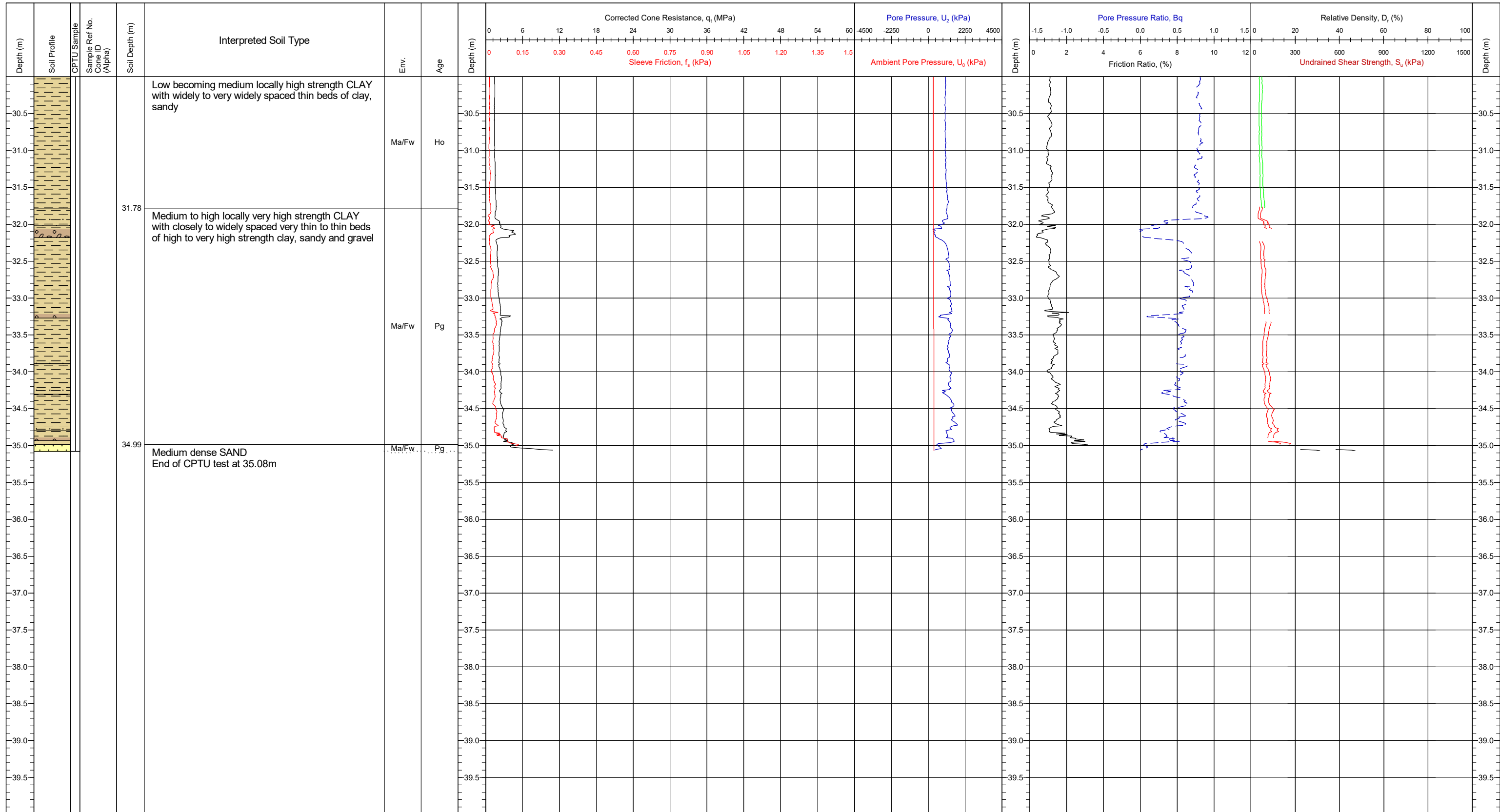
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS: ETRS89							
Contract	11596	Water Depth (mMSL)	31.8		Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend						
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021								
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82								
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.9°								
			QC Status		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(01/05/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>	Preliminary	Draft	Final	JK/BC <small>(01/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
Preliminary	Draft	Final									
JK/BC <small>(01/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>									
					CPT Name CB12						
					Page: 3/4						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



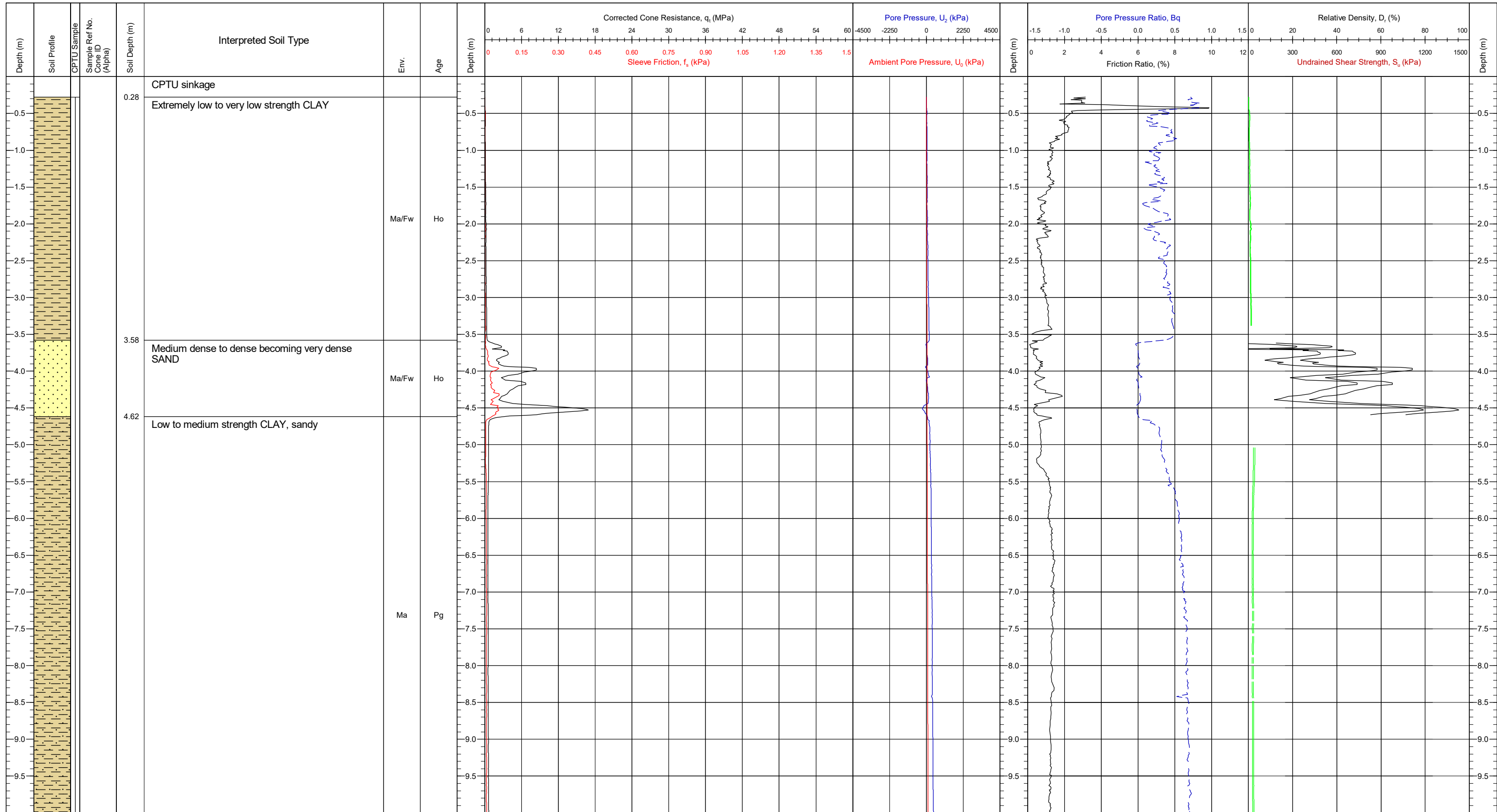
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend			Preliminary	Draft	Final	CB12
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	130909 (50cm ²) / 0.82							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.9°							
							JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 4/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



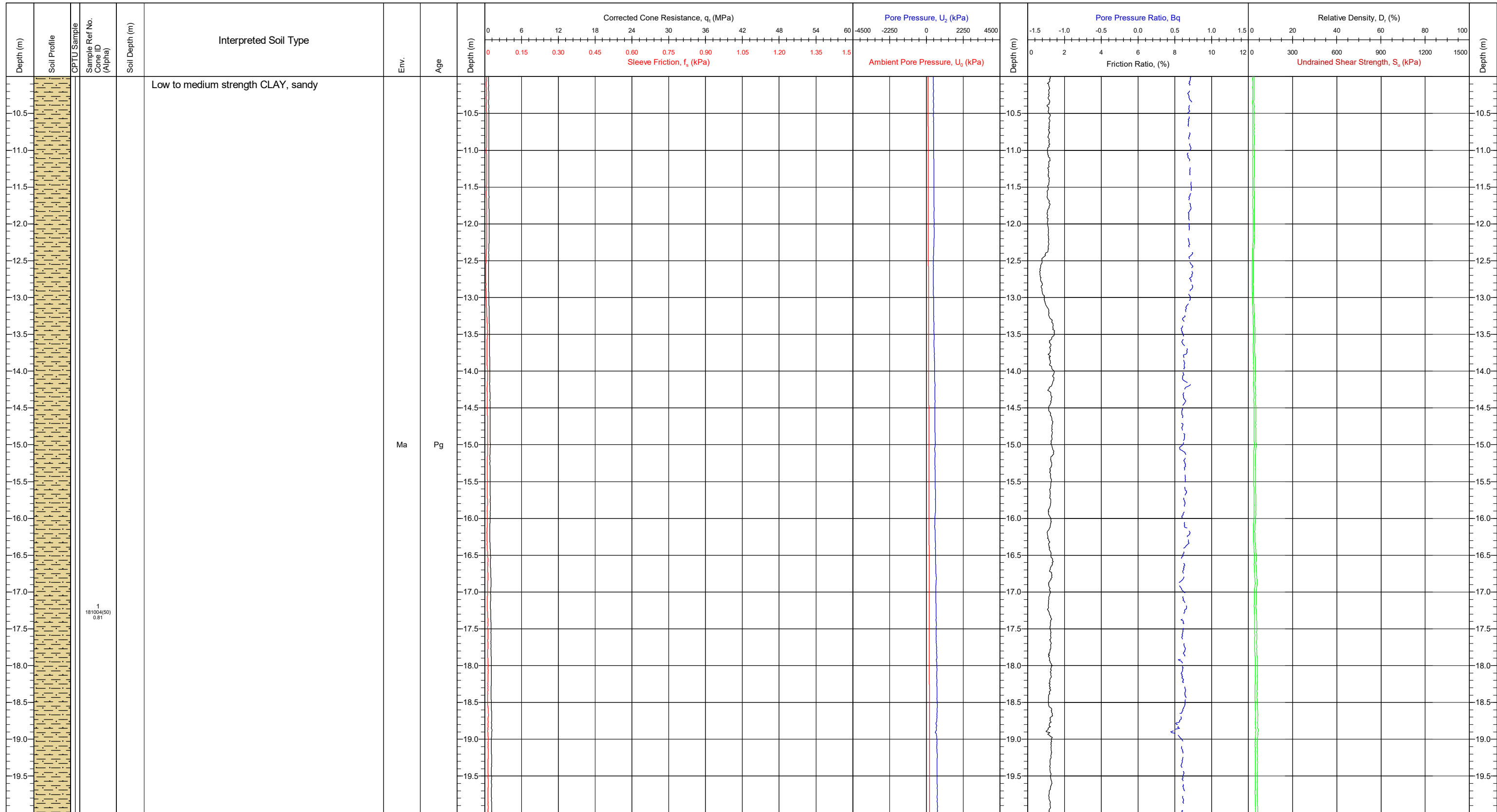
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	QC Status			CPT Name CB13
Contract	11596	Water Depth (mMSL)	30.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181004 (50cm ²) / 0.81					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 1/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

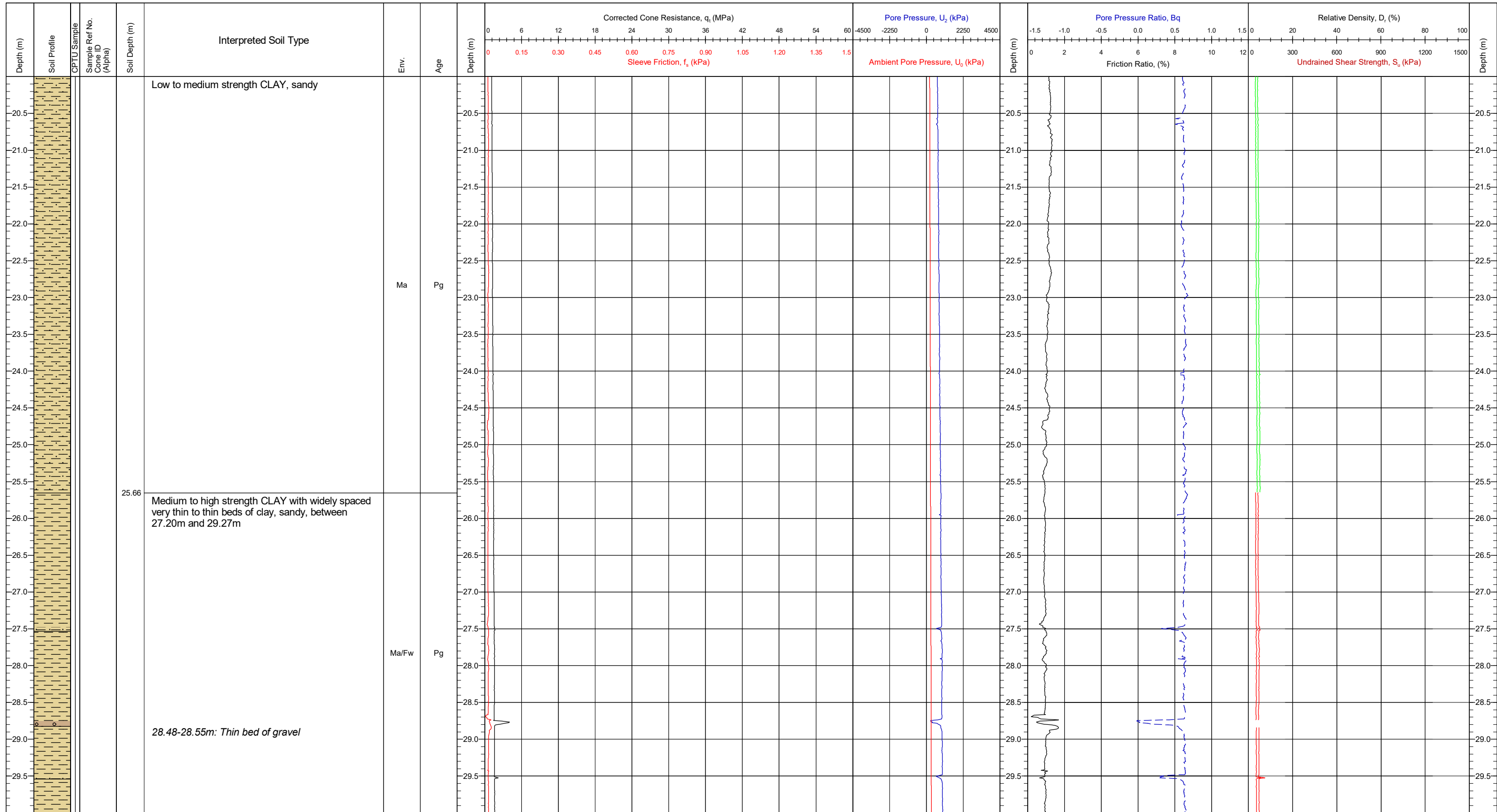
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend	Preliminary	Draft	Final	CB13
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	181004 (50cm ²) / 0.81		Page: 2/4			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



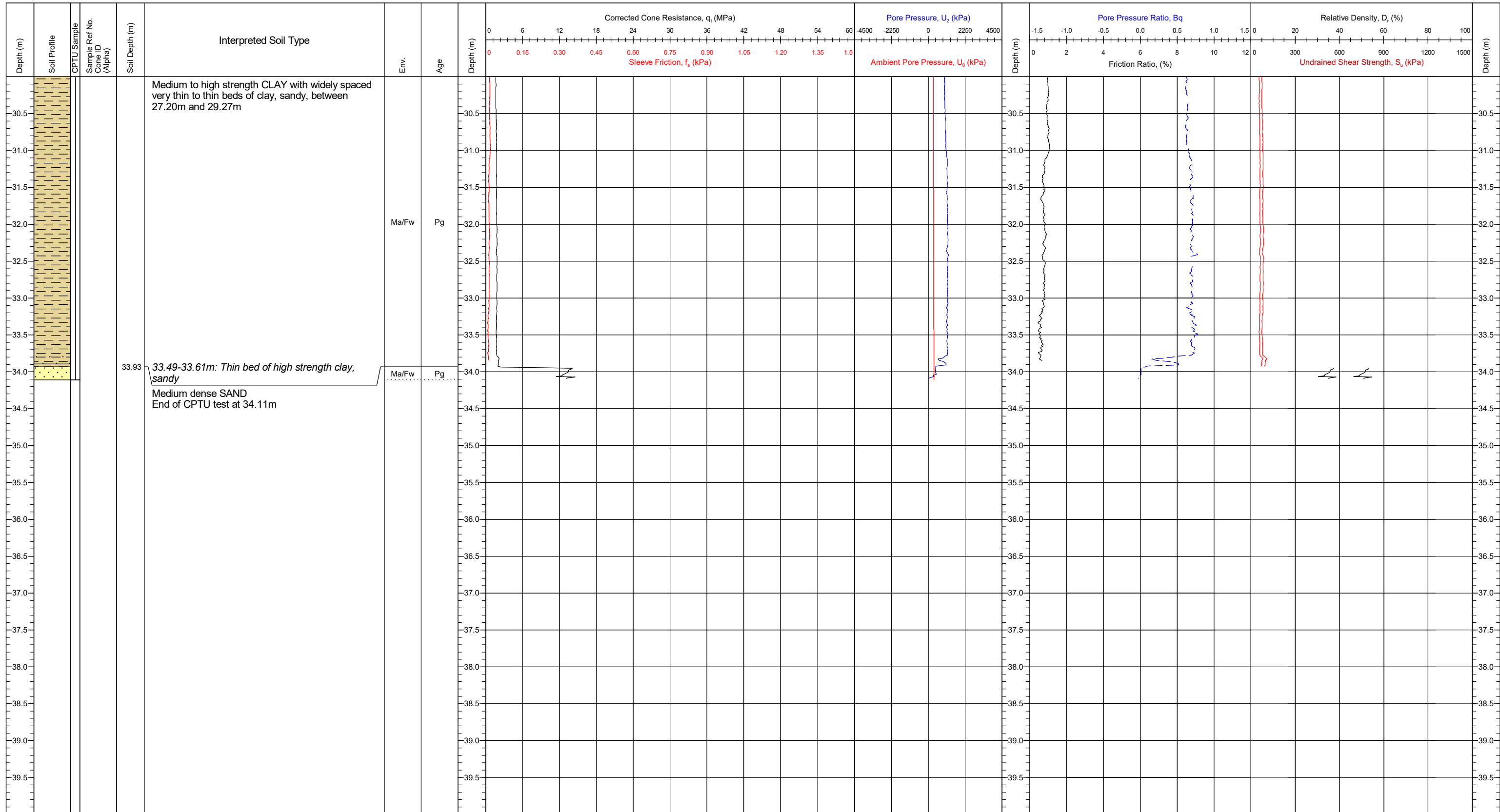
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	QC Status			CPT Name CB13
Contract	11596	Water Depth (mMSL)	30.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	181004 (50cm ³) / 0.81					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 3/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



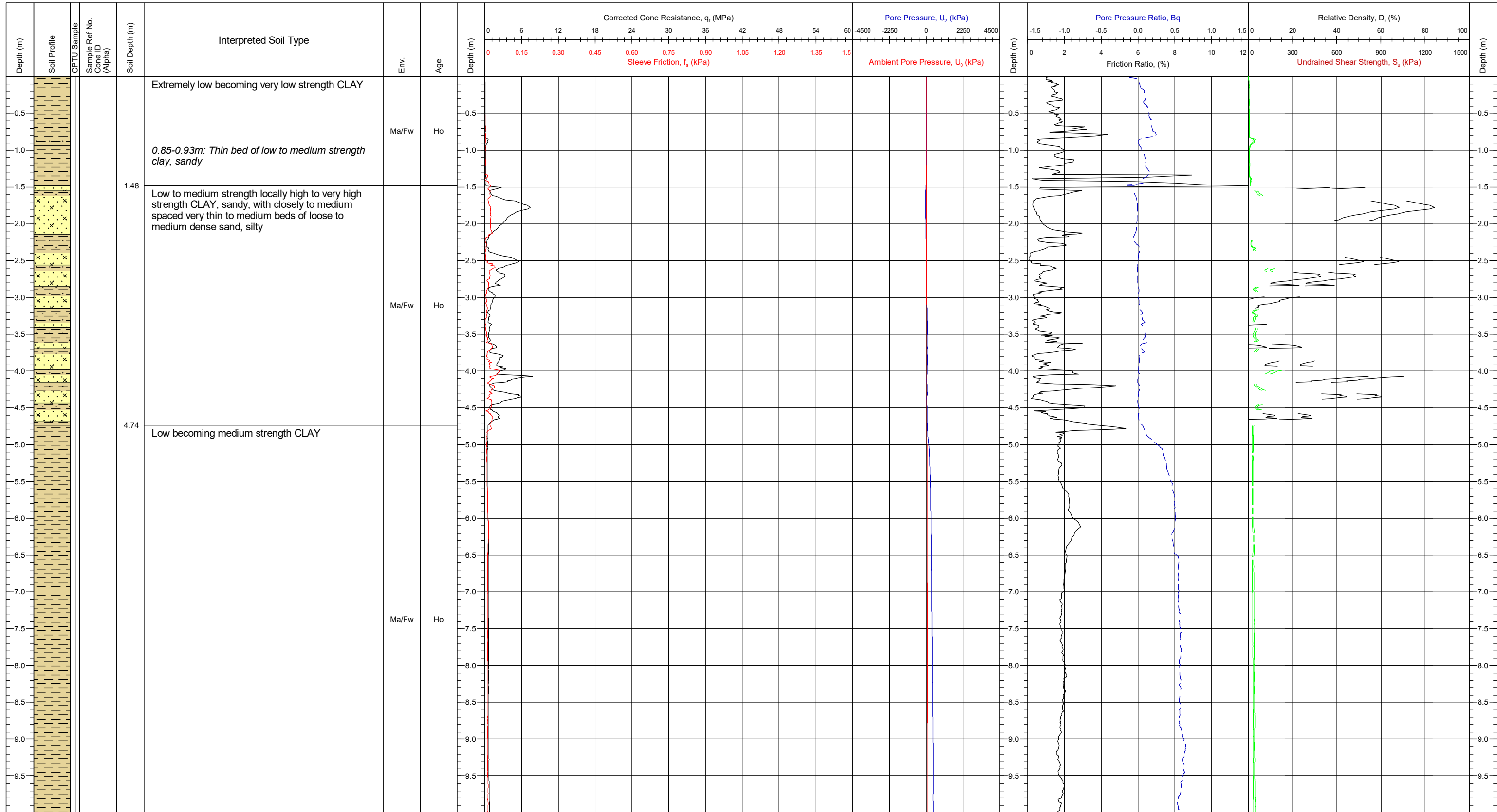
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend	Preliminary	Draft	Final	CB13
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	181004 (50cm ²) / 0.81		Page: 4/4			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



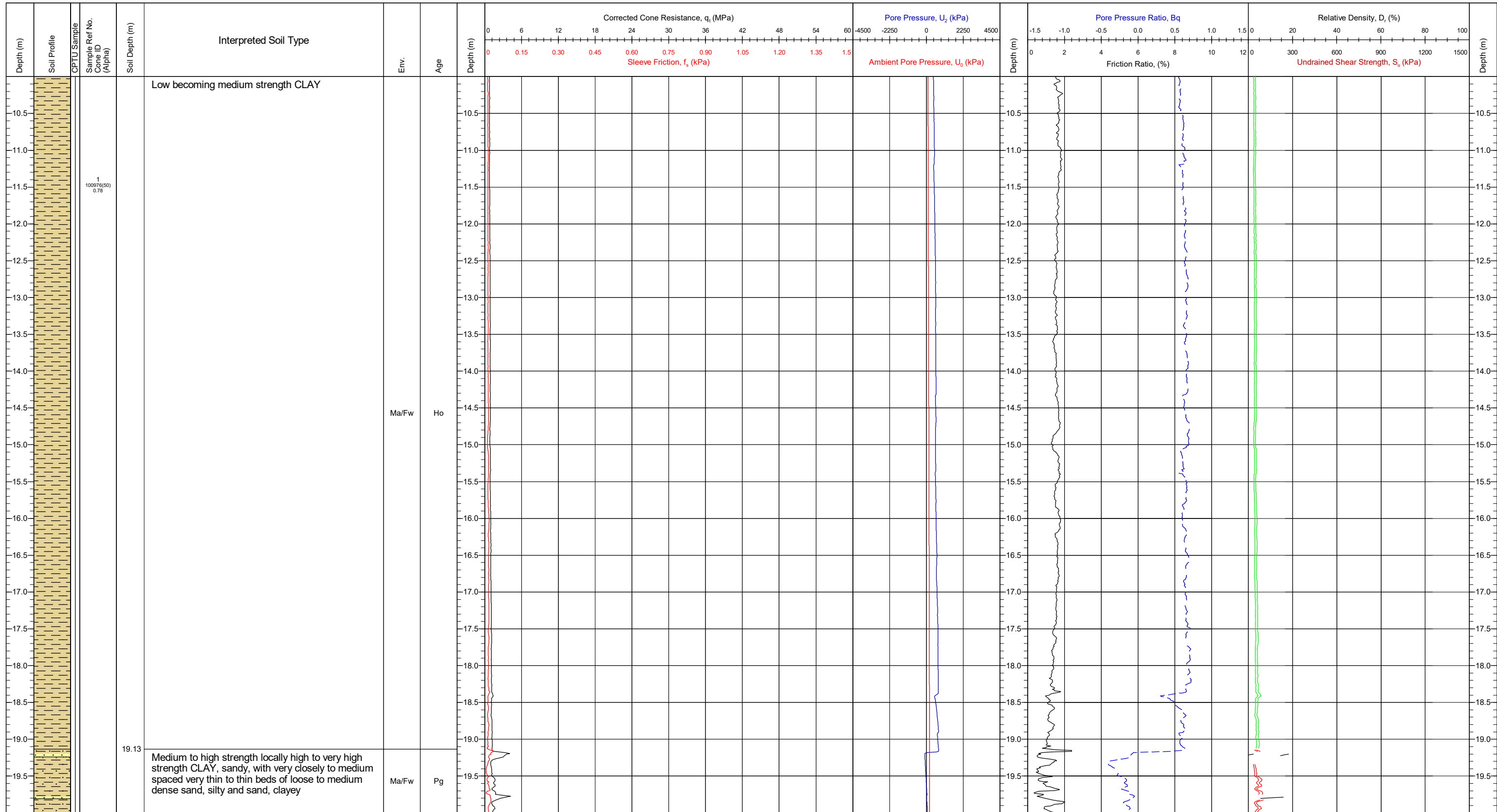
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS: ETRS89	QC Status			CPT Name CB14
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	100976 (50cm ²) / 0.78					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = -0.1°		Page: 1/3			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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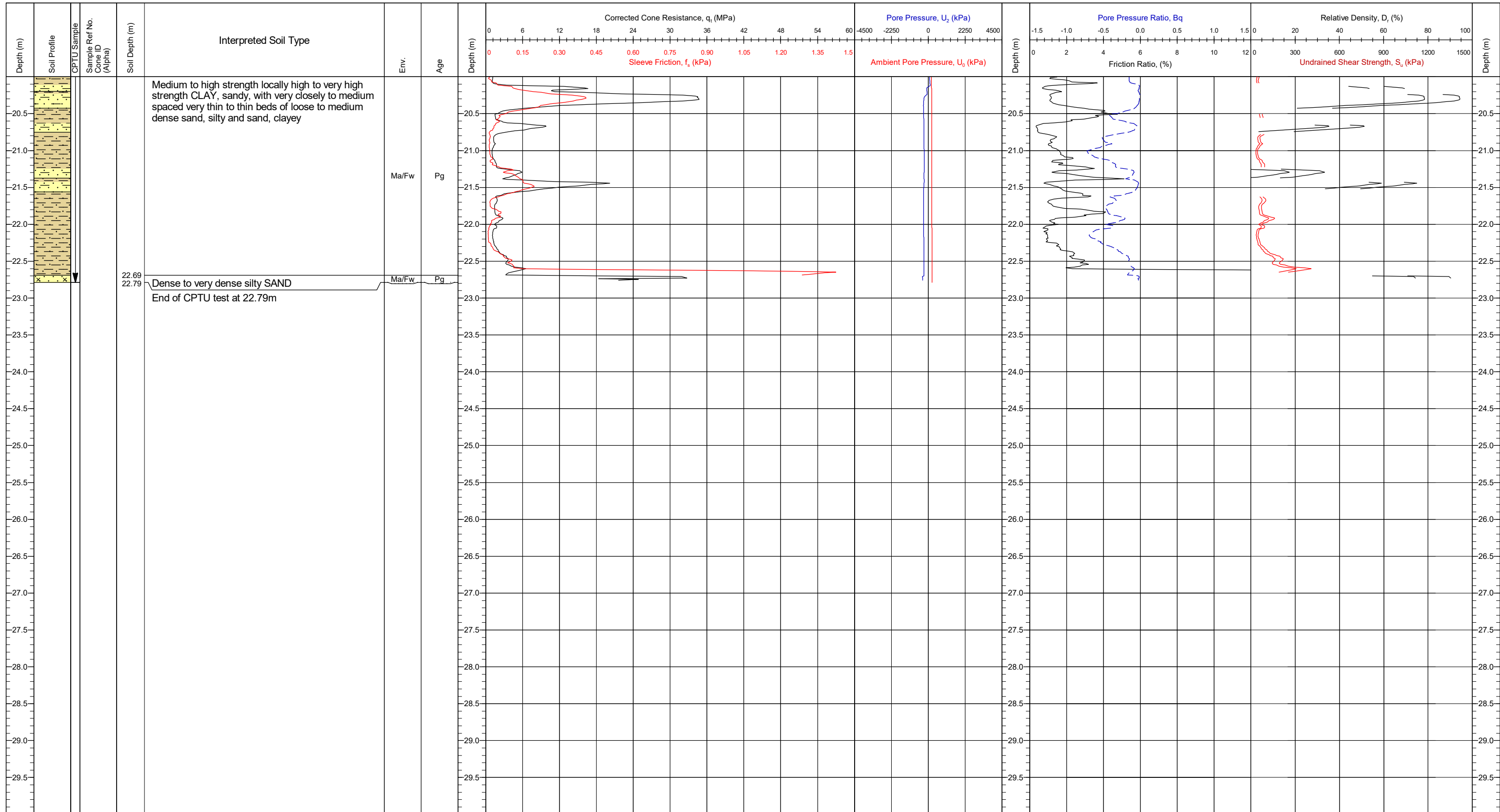
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_c: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS: ETRS89	QC Status			CPT Name CB14
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	100976 (50cm ²) / 0.78					Page: 2/3
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = -0.1°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



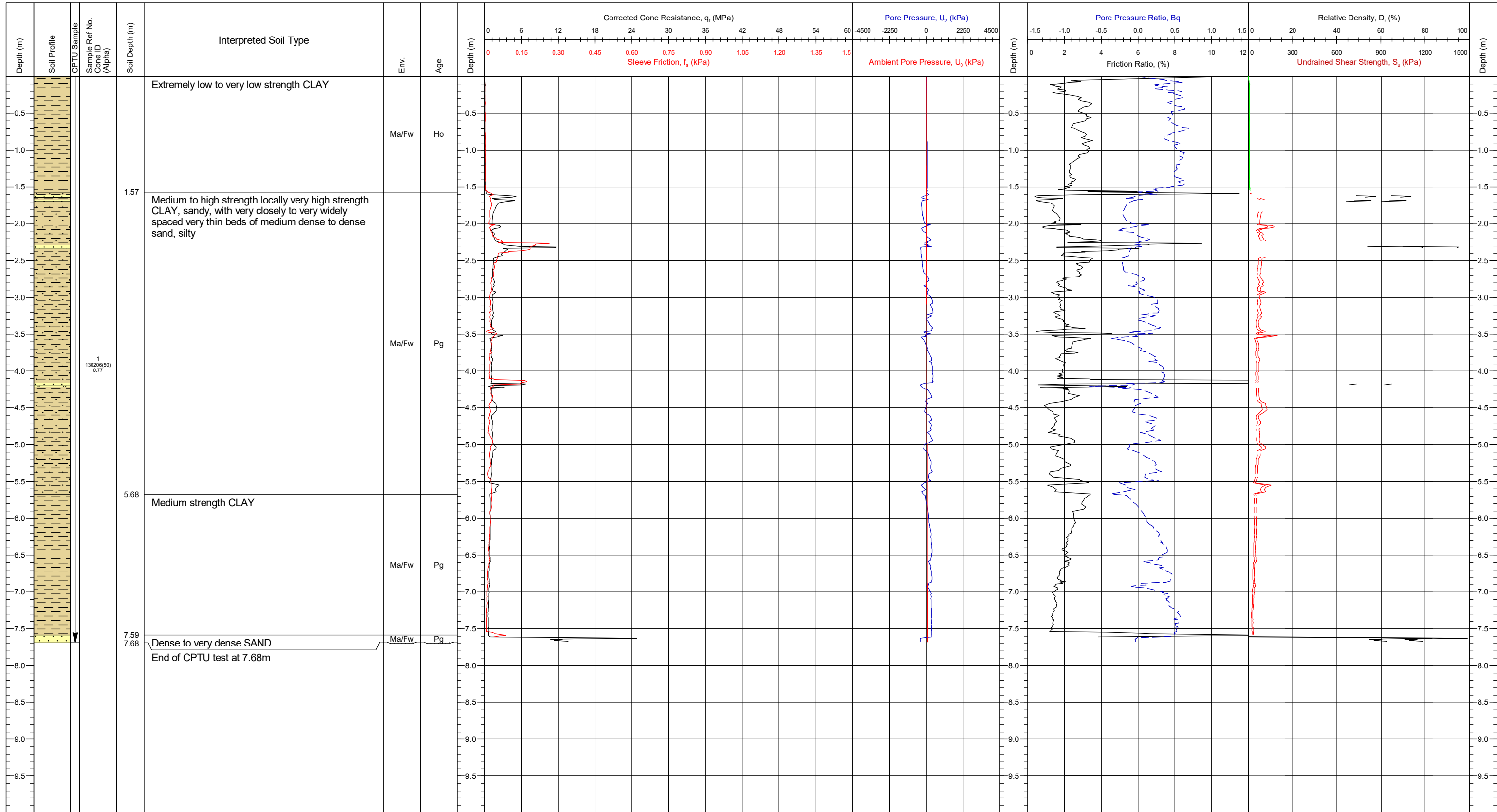
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination			Preliminary	Draft	Final	CB14
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	100976 (50cm ²) / 0.78				JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = -0.1°				Page: 3/3			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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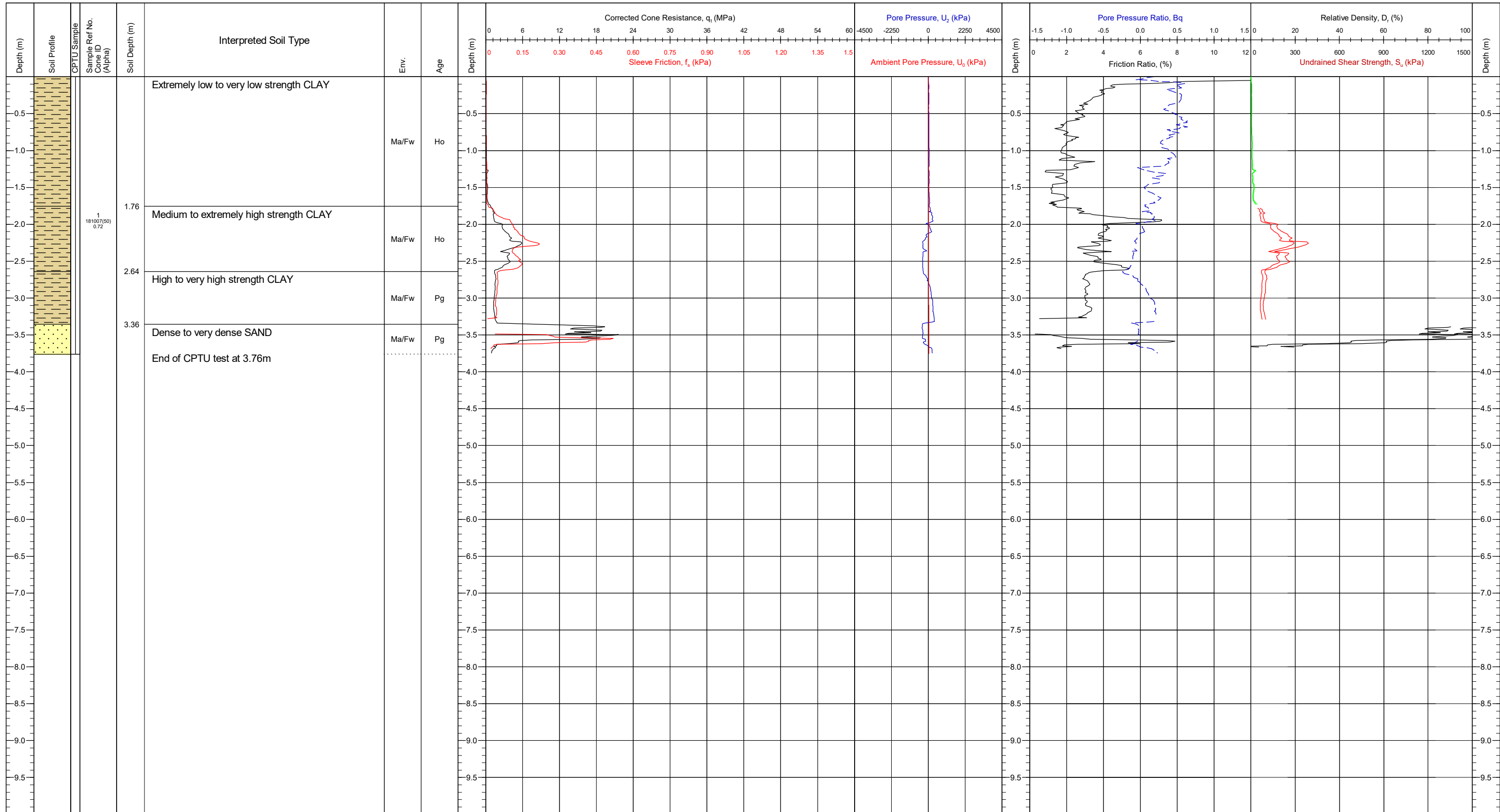
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_c : 0.5 - 2.0
 N_c : 12.5 - 16.5
 N_s : 15 - 20
 K_r : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676134.1E 6251059.5N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.1	Comments: Cone class 2. Continuous seabed CPT. Final depth 7.68m. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77		Page: 1/1			
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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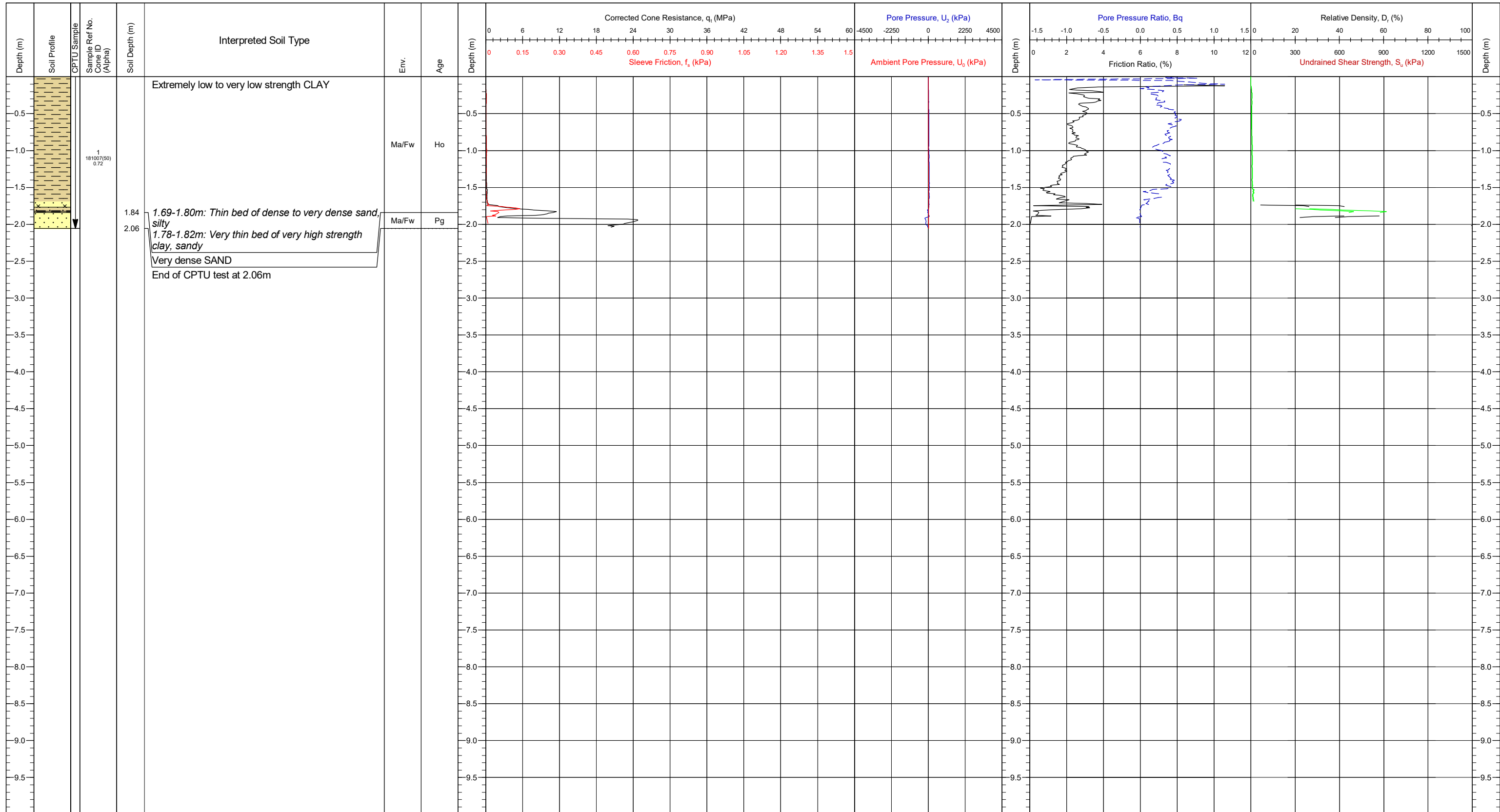
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676134.2E 6251054.3N	CRS: ETRS89	QC Status	CPT Name
Contract	11596	Water Depth (mMSL)	30.2	Comments: Cone class 4. Bumpover location. Deck to deck offset readings are shared between 3a and 3b. Continuous seabed CPT. Final depth 3.55m. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance	Preliminary	CPT3a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		Draft	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	181007 (50cm ²) / 0.72		Final	
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°		JK/BC (27/04/2021)	DR (10/06/2021)
						Page: 1/1

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



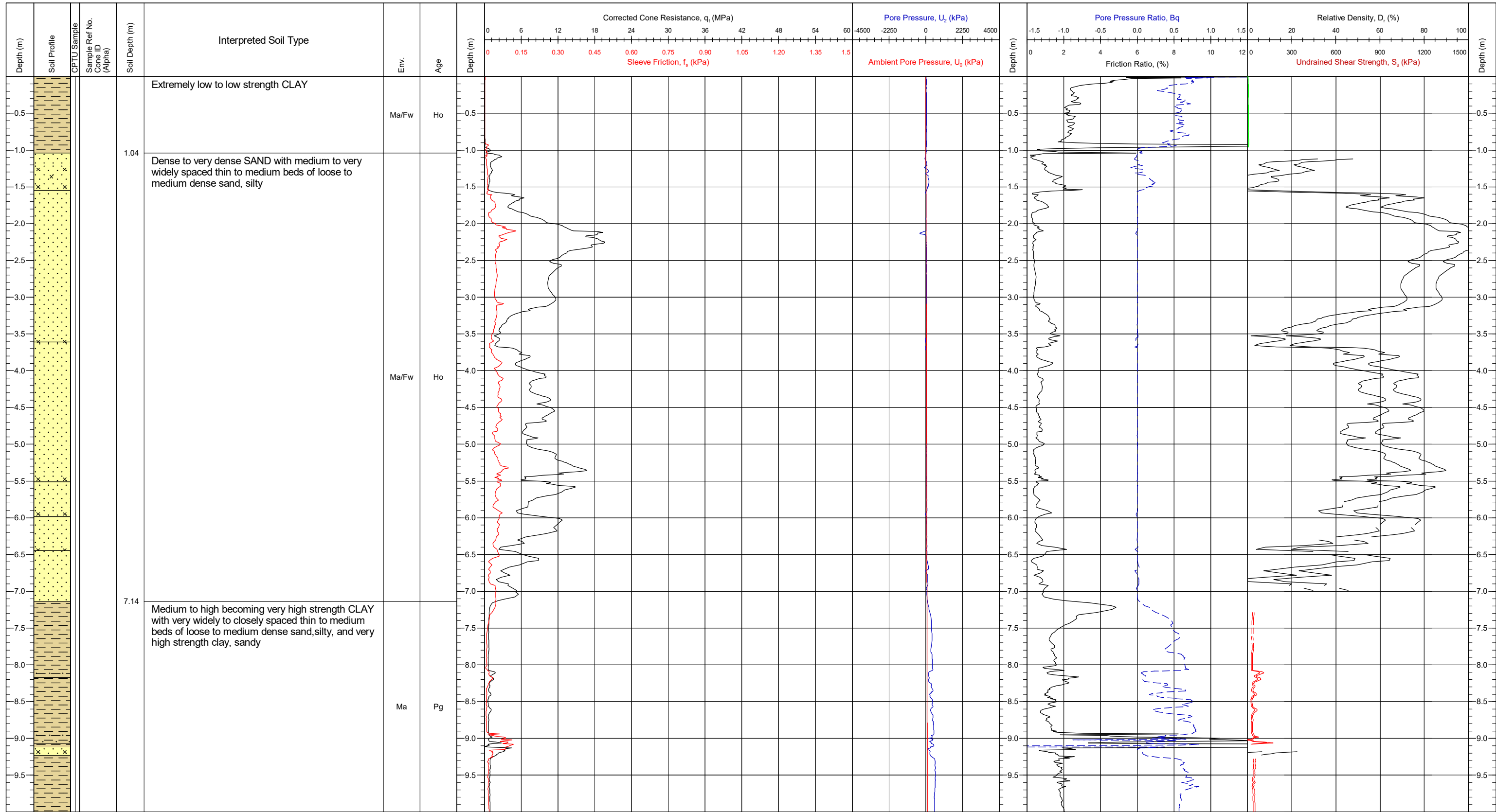
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _c : 15 - 20 K _c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	676133.7E 6251066.7N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	30.2	Comments: Cone class 2. Continuous seabed CPT. Bumpover location. Final depth 1.96m. Deck to deck offsets are taken at a 5m reference level above seabed. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance			Preliminary	Draft	Final	CPT3b
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	181007 (50cm ²) / 0.72				JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 1/1
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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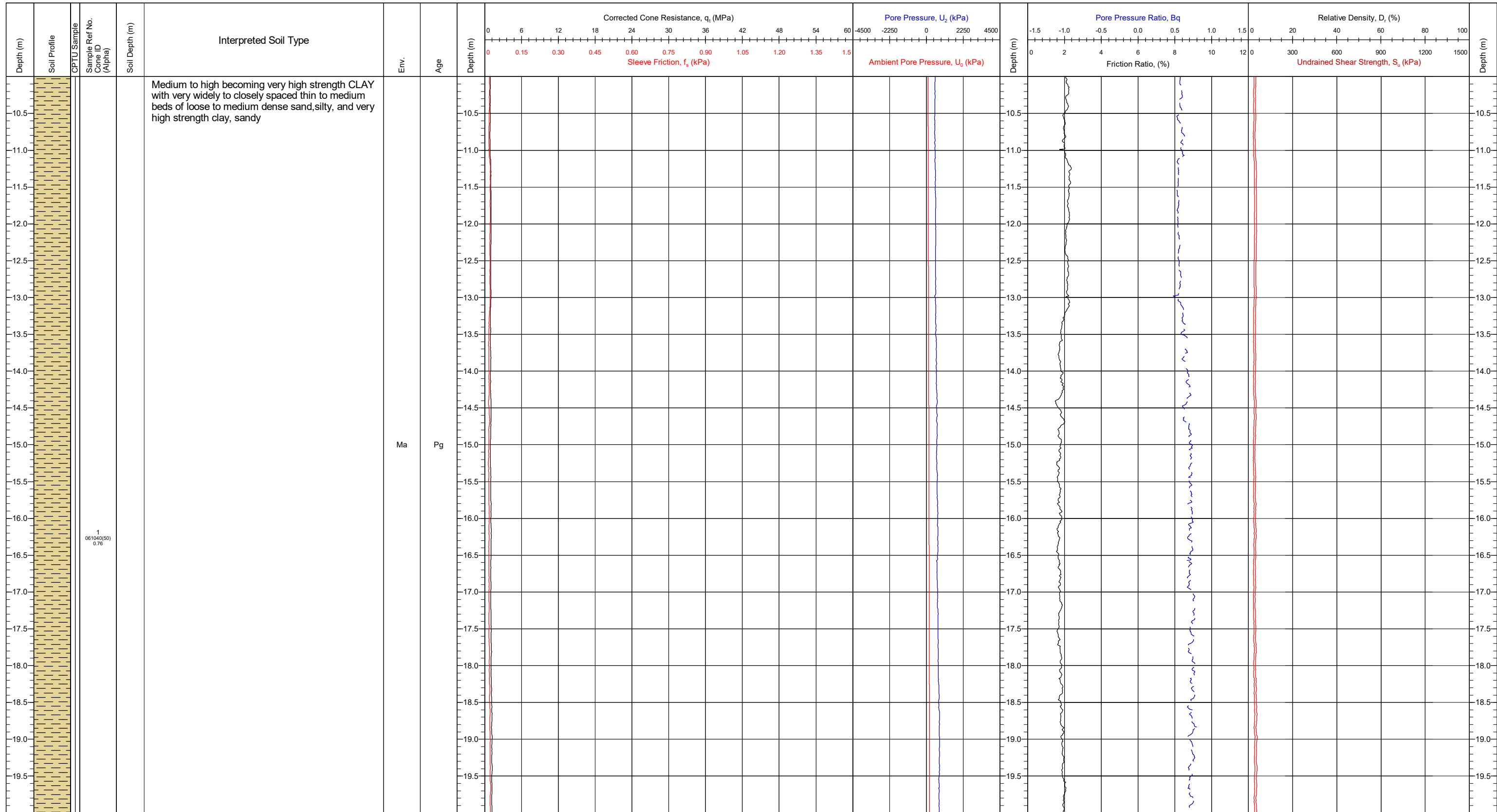
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	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	679806.4E 6251702.4N	CRS: ETRS89	QC Status			CPT Name CPT4
Contract	11596	Water Depth (mMSL)	31.2	Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	061040 (50cm ³) / 0.76					Page: 1/4
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.1°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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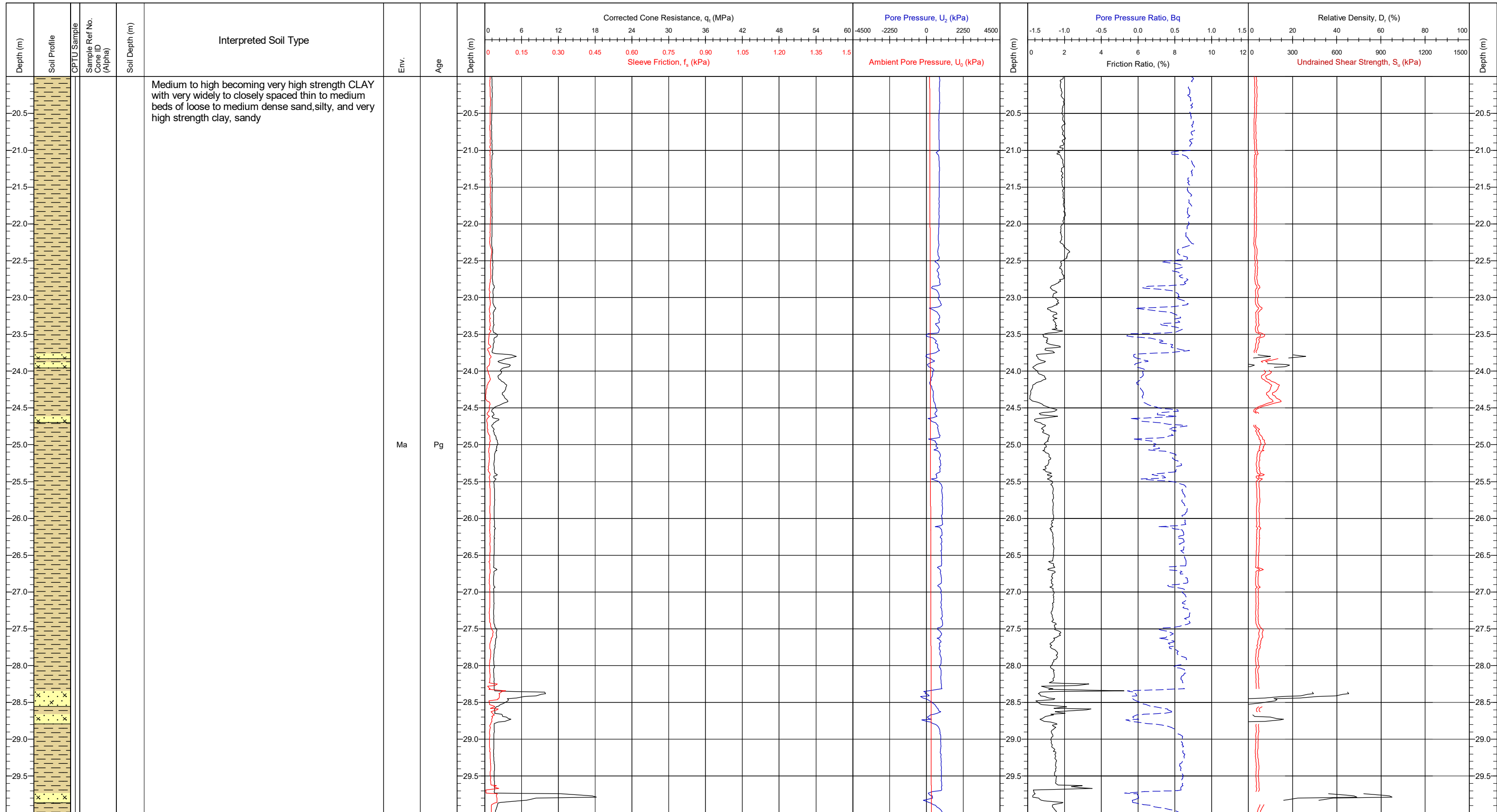
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{15} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	679806.4E 6251702.4N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	31.2		Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	061040 (50cm ²) / 0.76		
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.1°		
					QC Status Preliminary Draft Final JK/BC (27/04/2021) DR (10/06/2021) SMC (10/11/2021)
					CPT Name CPT4 Page: 2/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



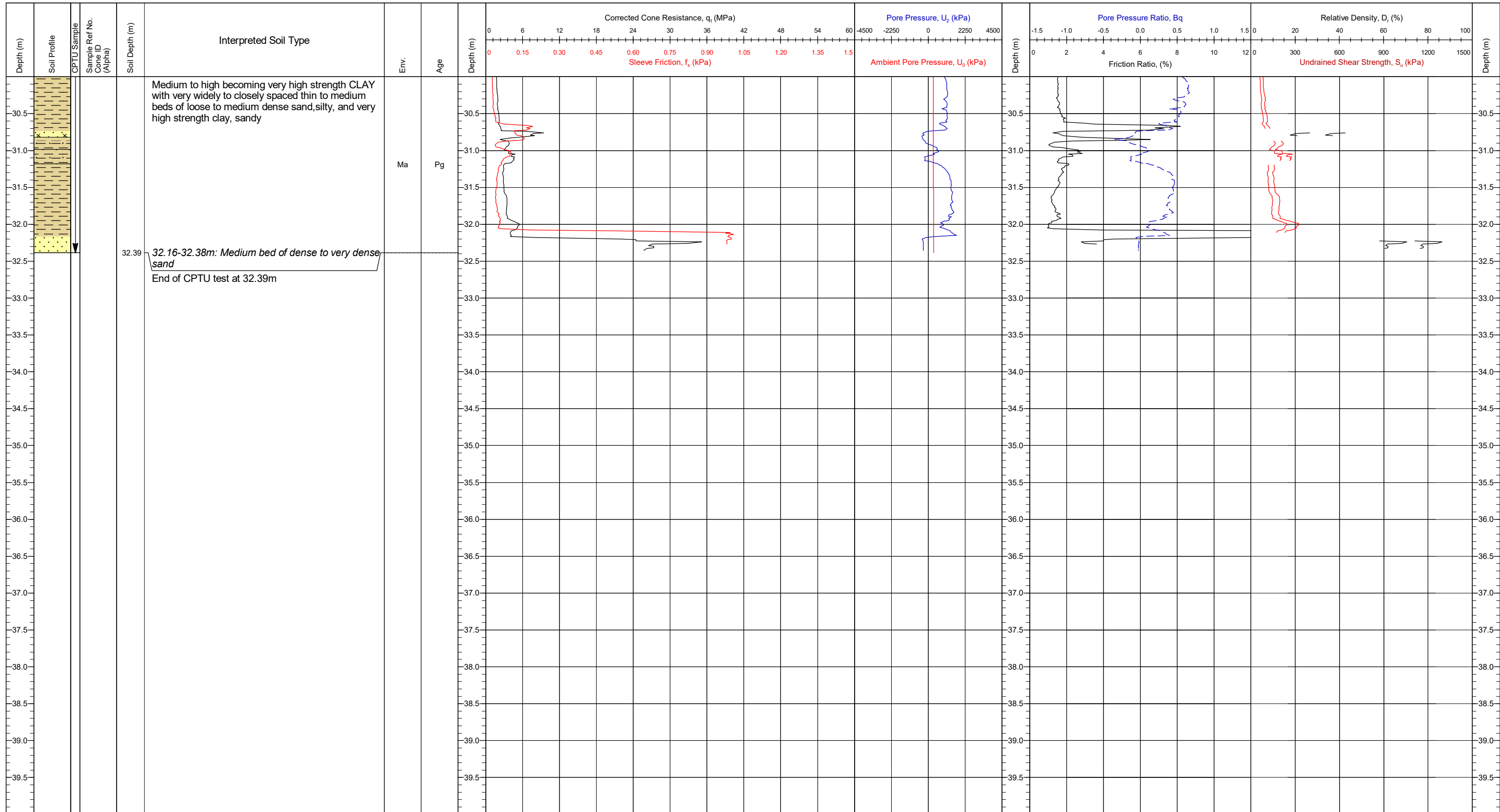
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	679806.4E 6251702.4N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.2	Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021						
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	061040 (50cm ³) / 0.76						
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.1°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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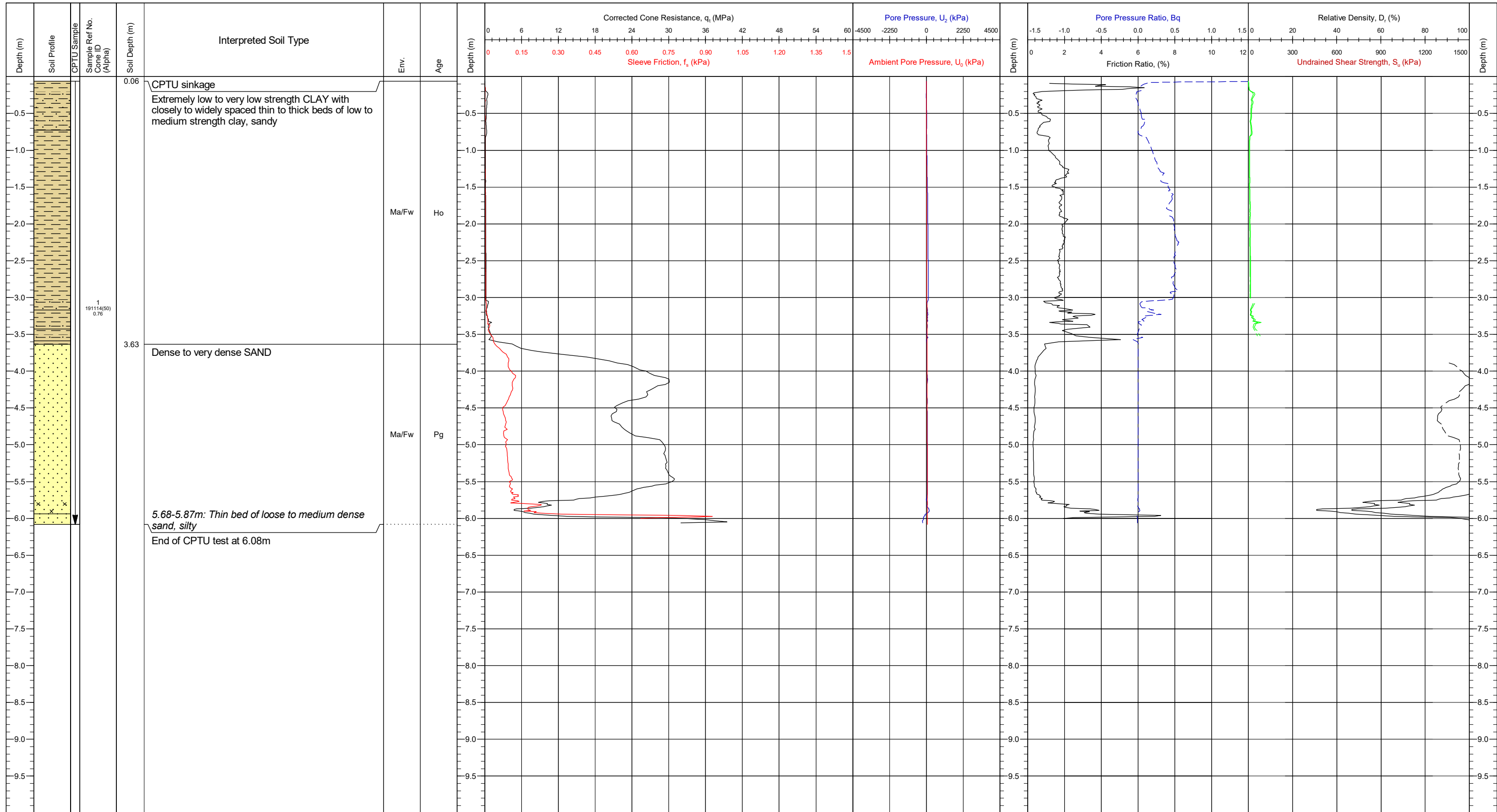
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_c : 0.5 - 2.0
 N_{cr} : 12.5 - 16.5
 N_{cs} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	679806.4E 6251702.4N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	31.2	Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment	QC Status Preliminary Draft Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	061040 (50cm ²) / 0.76		
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.1°		JK/BC (27/04/2021) DR (10/06/2021) SMc (10/11/2021)
					CPT Name CPT4
					Page: 4/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



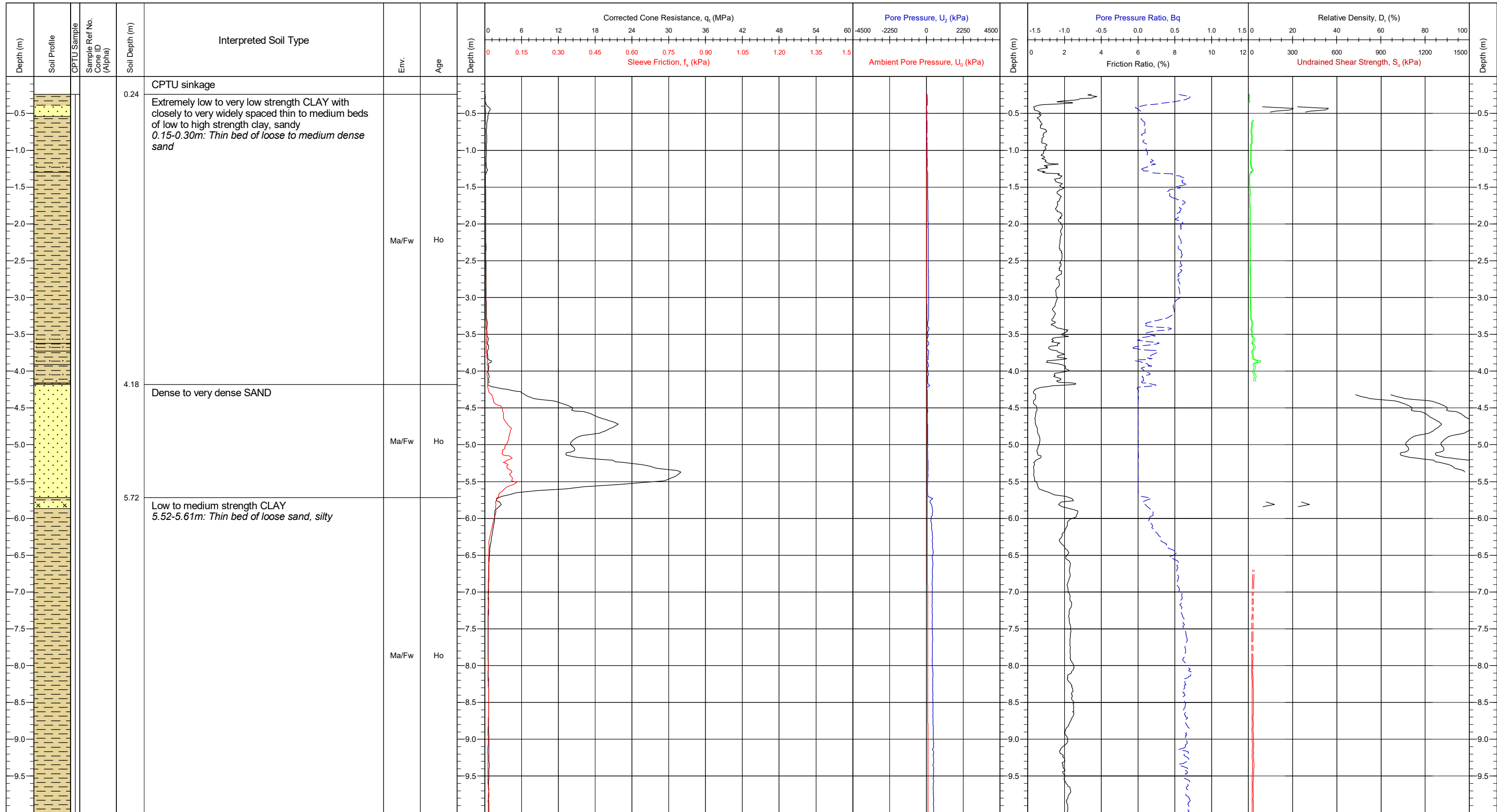
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	668836.6E 625587.7N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	27.0	Comments: Cone class 2. Continuous seabed CPT. Final depth 6.06m. Test terminated at operators discretion due to sudden increase in sleeve friction and tip resistance			Preliminary	Draft	Final	CPT6
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	191114 (50cm ²) / 0.76				JK/BC (29/04/2021)	DR (10/06/2021)	SMC (10/11/2021)	
Method	20 kN Sea bed CPT	Base Inclination	X = -0.3° / Y = 0.8°				Page: 1/1			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



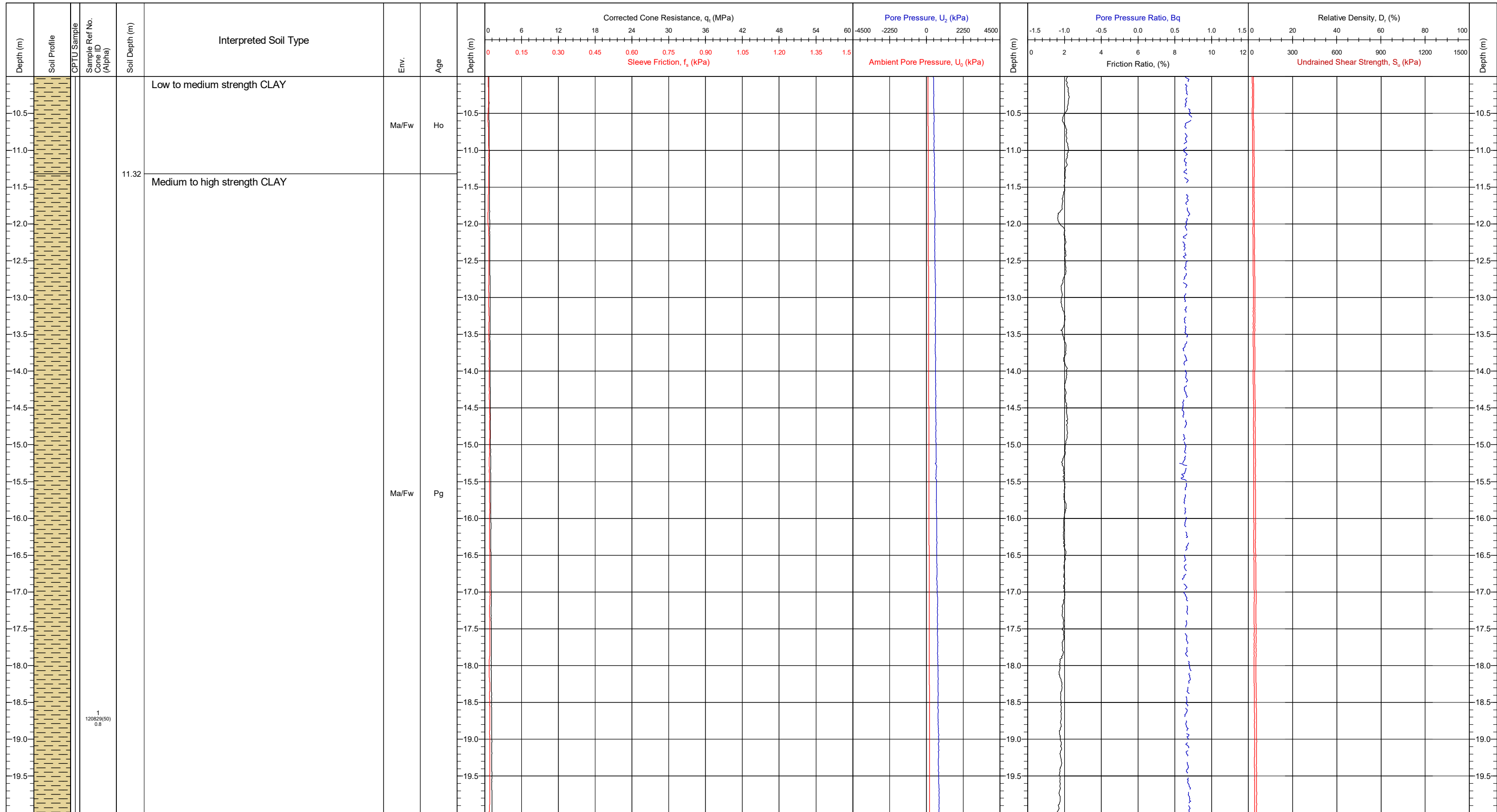
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	668836.9E 6255852.5N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	26.9	Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load~ tip resistance and lack of lateral rod support	Preliminary	Draft	Final	CPT6a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (50cm ²) / 0.80		Page: 1/4			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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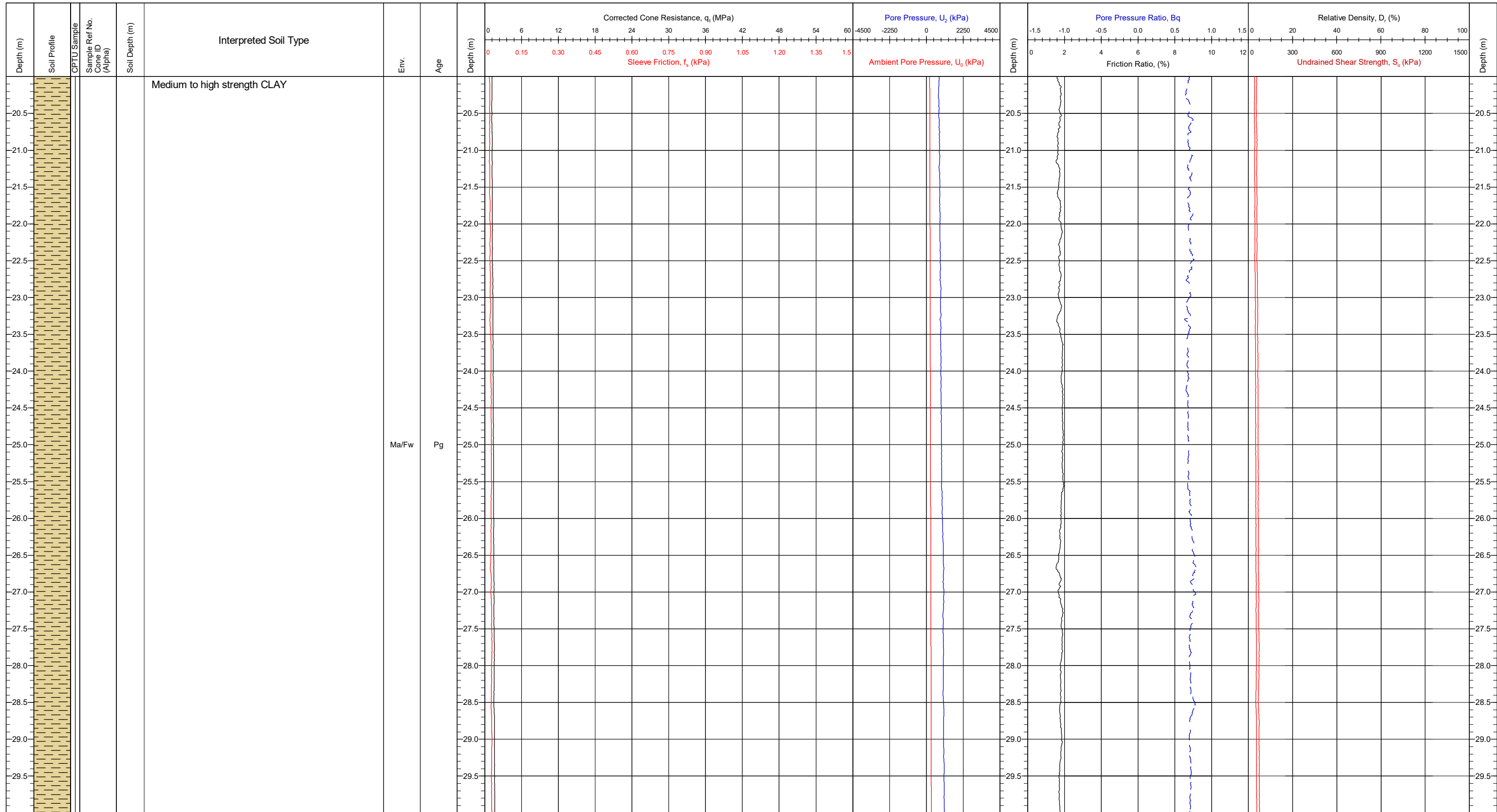
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{15} : 12.5 - 16.5
 N_{20} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668836.9E 6255852.5N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	26.9	Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load~ tip resistance and lack of lateral rod support	Preliminary Draft Final CPT6a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (50cm ²) / 0.80		
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		
				QC Status	JK/BC (29/04/2021) DR (10/06/2021) SMC (10/11/2021)
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Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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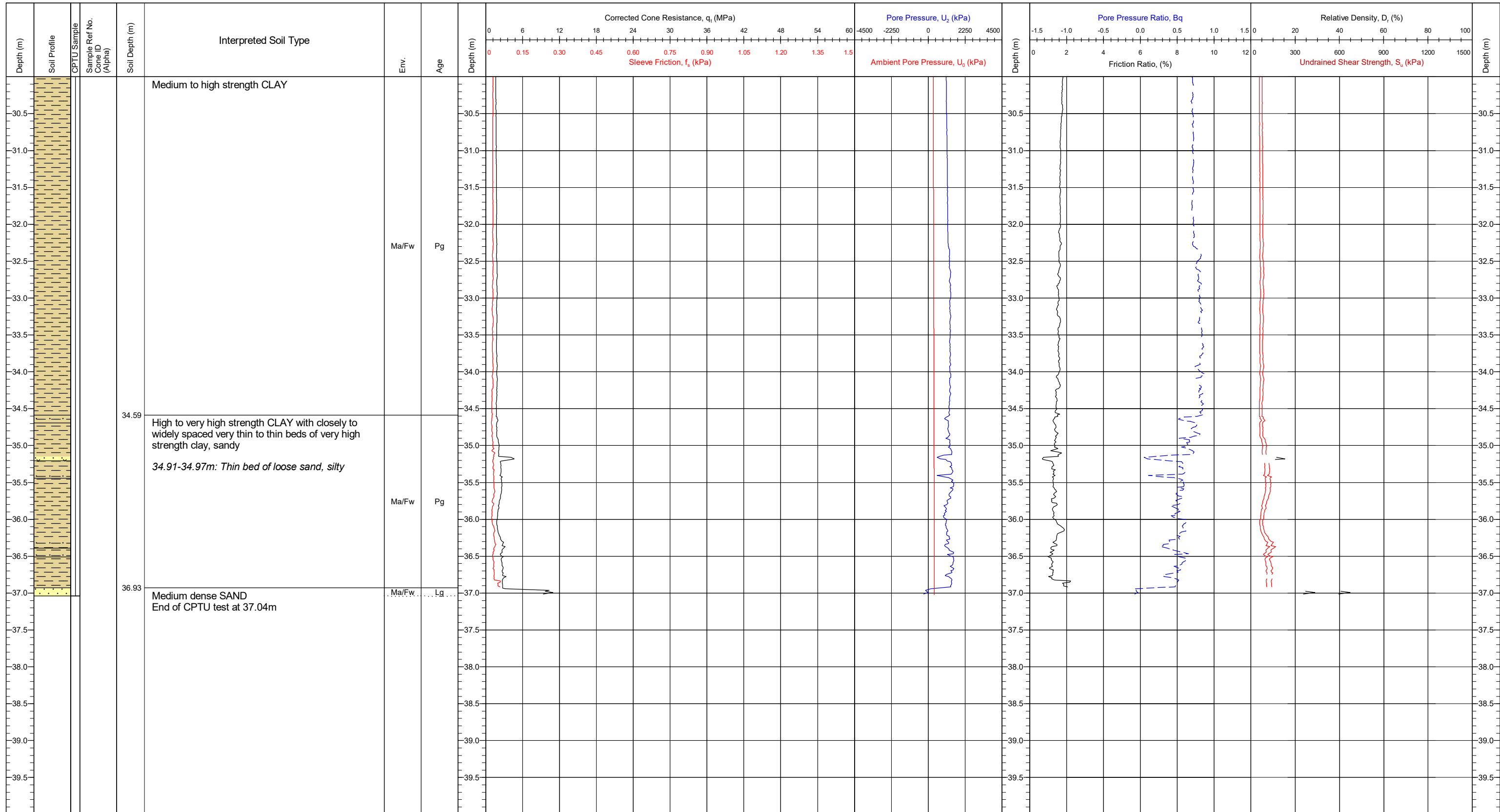
SILT	CLAY	GRAVEL	COBBLES
SAND	PEAT	Mixed Soil	
CHALK			

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668836.9E 6255852.5N	CRS: ETRS89	QC Status	CPT Name	
Contract	11596	Water Depth (mMSL)	26.9	Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load~ tip resistance and lack of lateral rod support	Preliminary	CPT6a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		Draft		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120829 (50cm ²) / 0.80		Final		
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°				
					JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
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Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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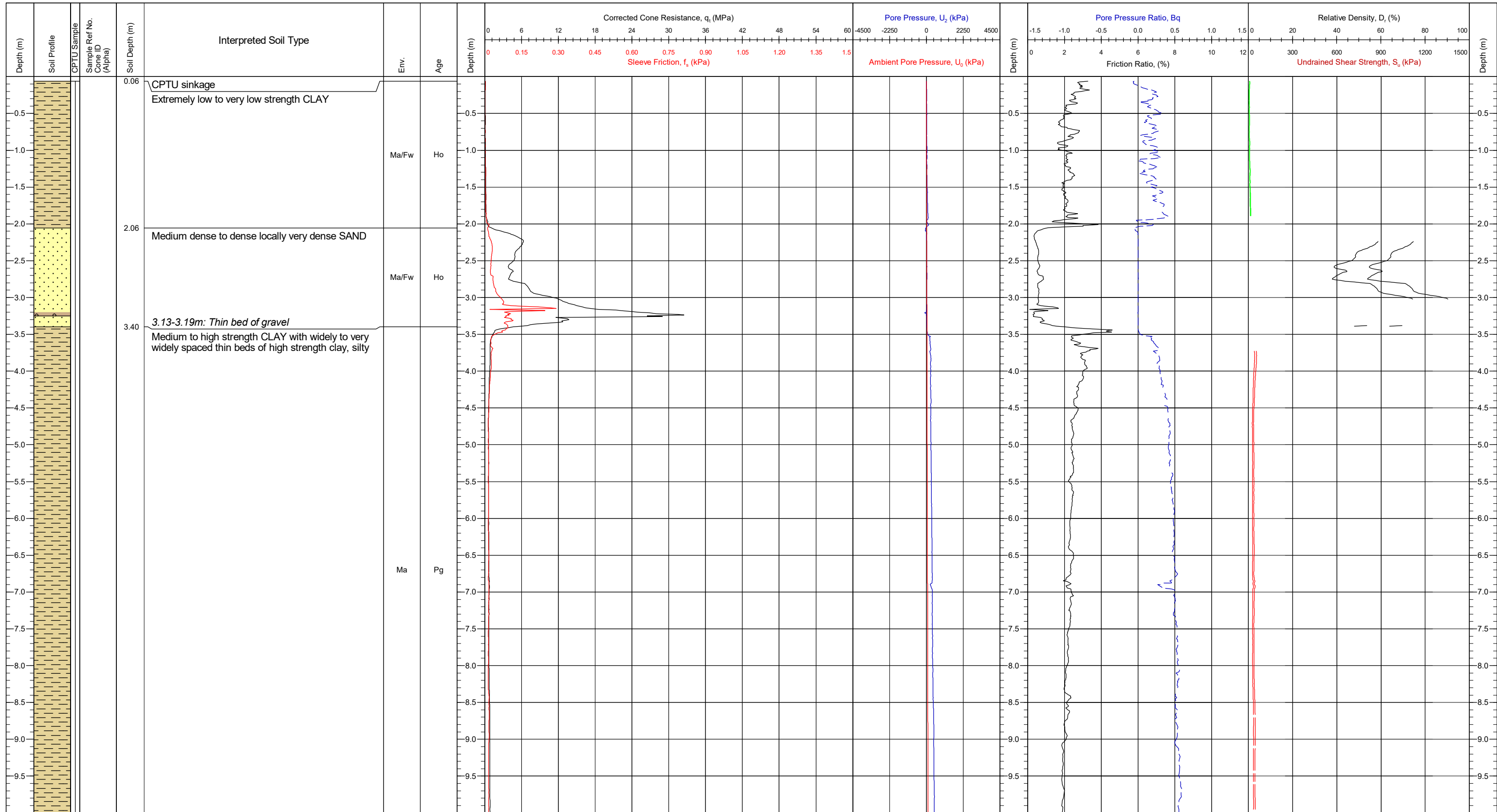
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668836.9E 6255852.5N	CRS: ETRS89	QC Status			CPT Name CPT6a
Contract	11596	Water Depth (mMSL)	26.9	Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load~ tip resistance and lack of lateral rod support	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120829 (50cm ²) / 0.80					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 4/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



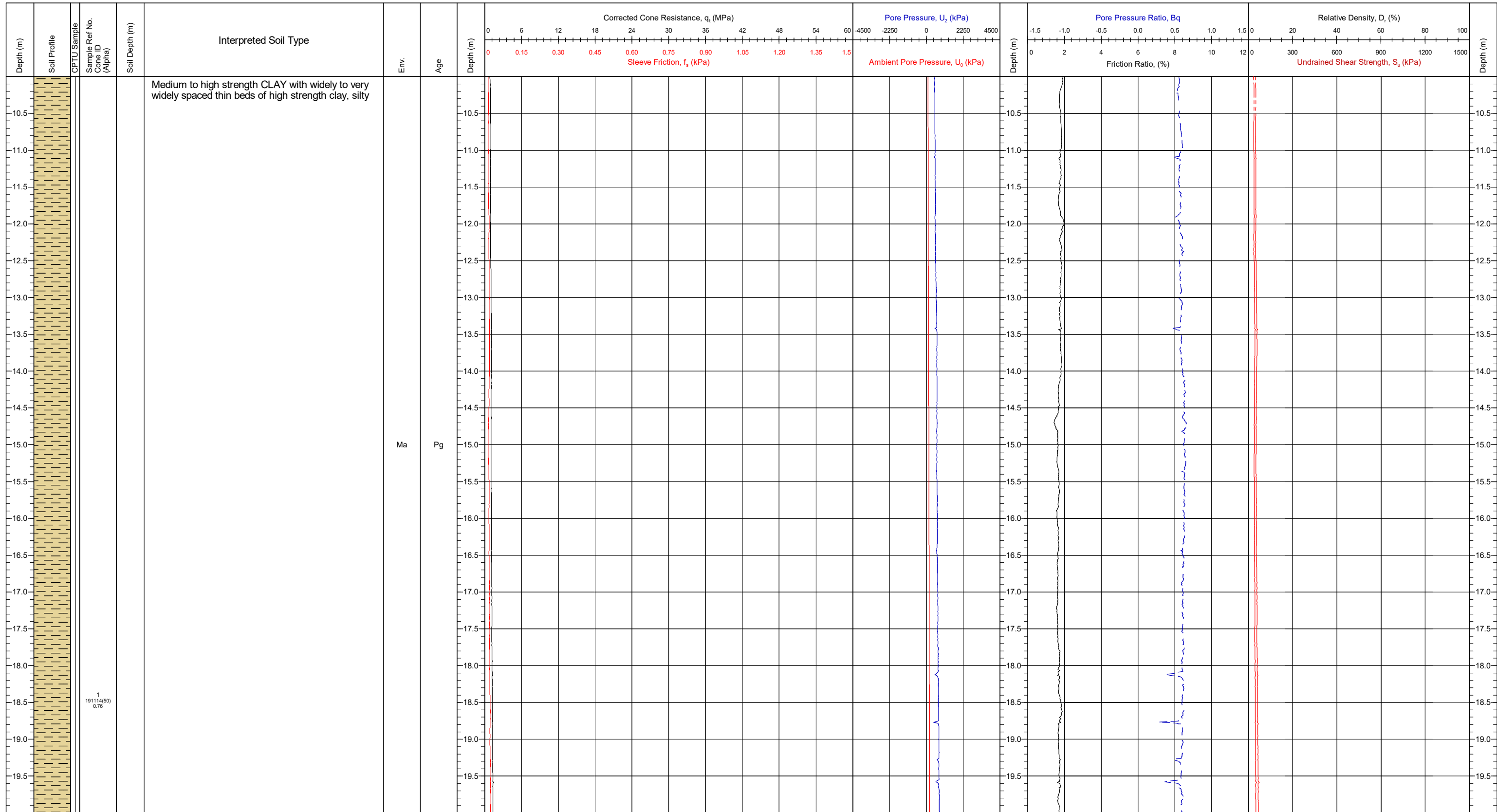
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	671921.2E 6256092.0N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	29.2	Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance~ high total load and near maximum cone inclination of 11.59 degrees			Preliminary	Draft	Final	CPT7
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	191114 (50cm ²) / 0.76				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°				Page: 1/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



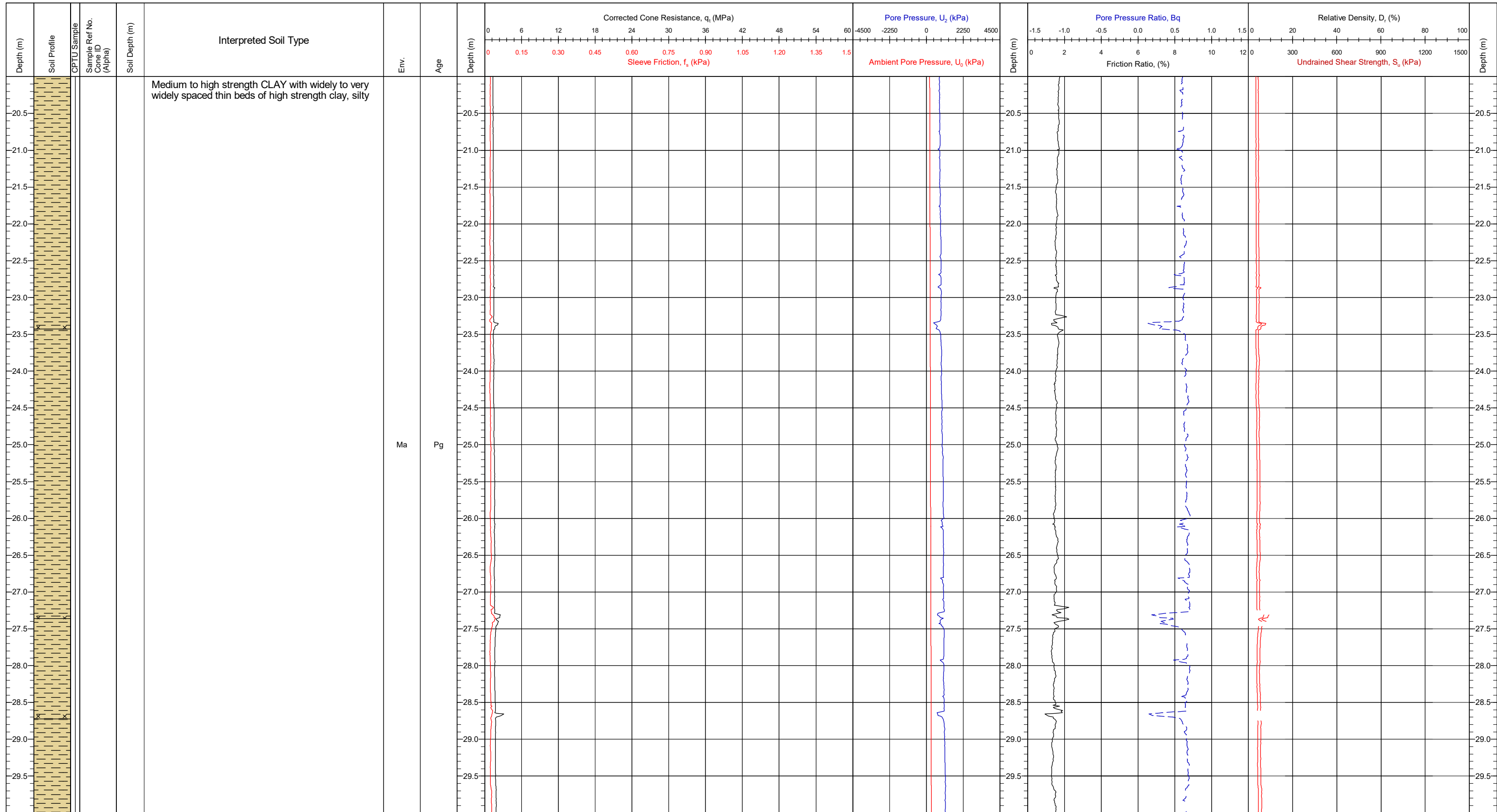
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	671921.2E 6256092.0N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	29.2	Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance~ high total load and near maximum cone inclination of 11.59 degrees	Preliminary	Draft	Final	CPT7
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	191114 (50cm ²) / 0.76					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°		Page: 2/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

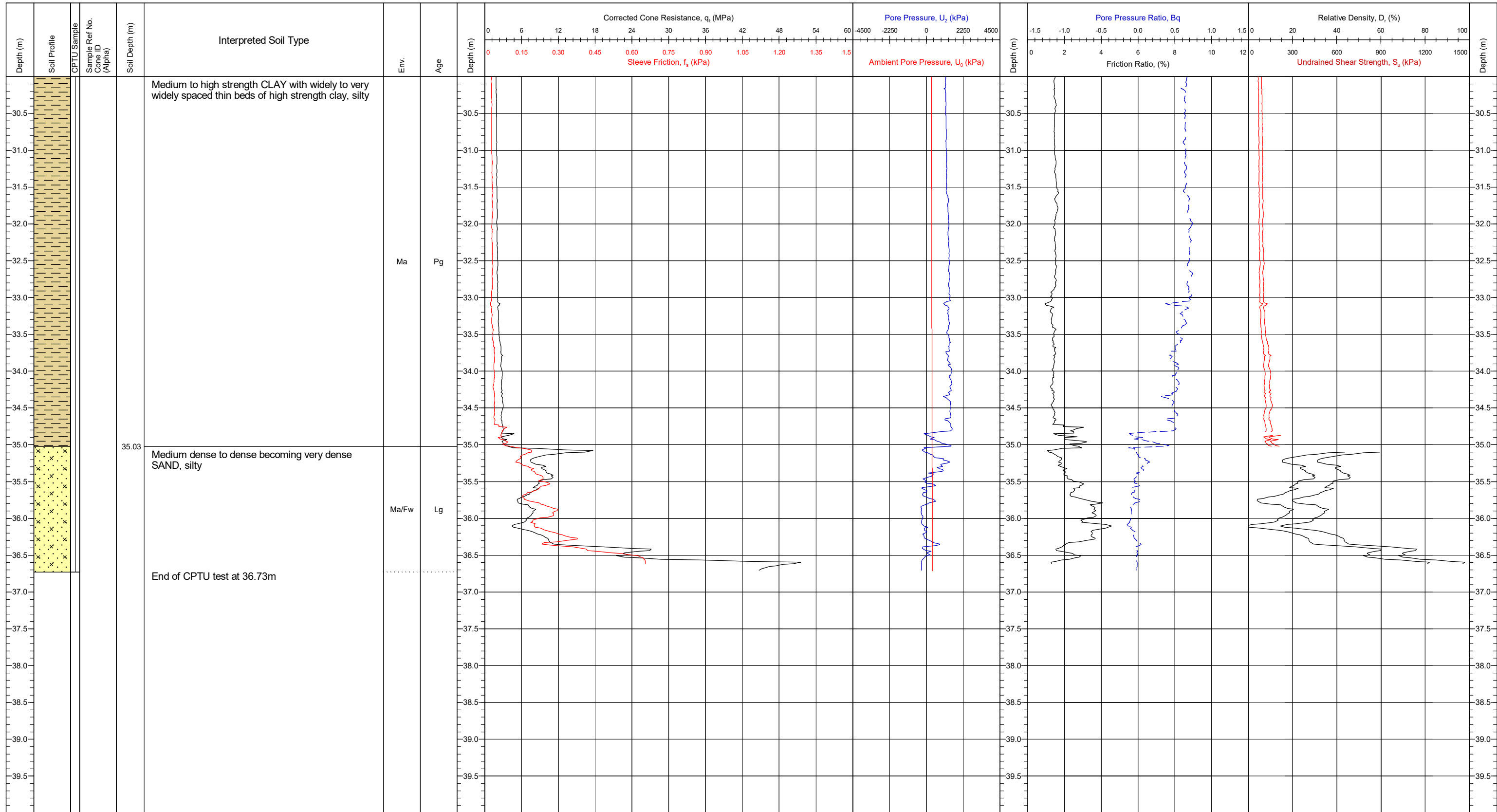
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_c : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	671921.2E 6256092.0N	CRS: ETRS89	QC Status			CPT Name CPT7
Contract	11596	Water Depth (mMSL)	29.2	Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance~ high total load and near maximum cone inclination of 11.59 degrees	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ³) / 0.76		Page: 3/4			
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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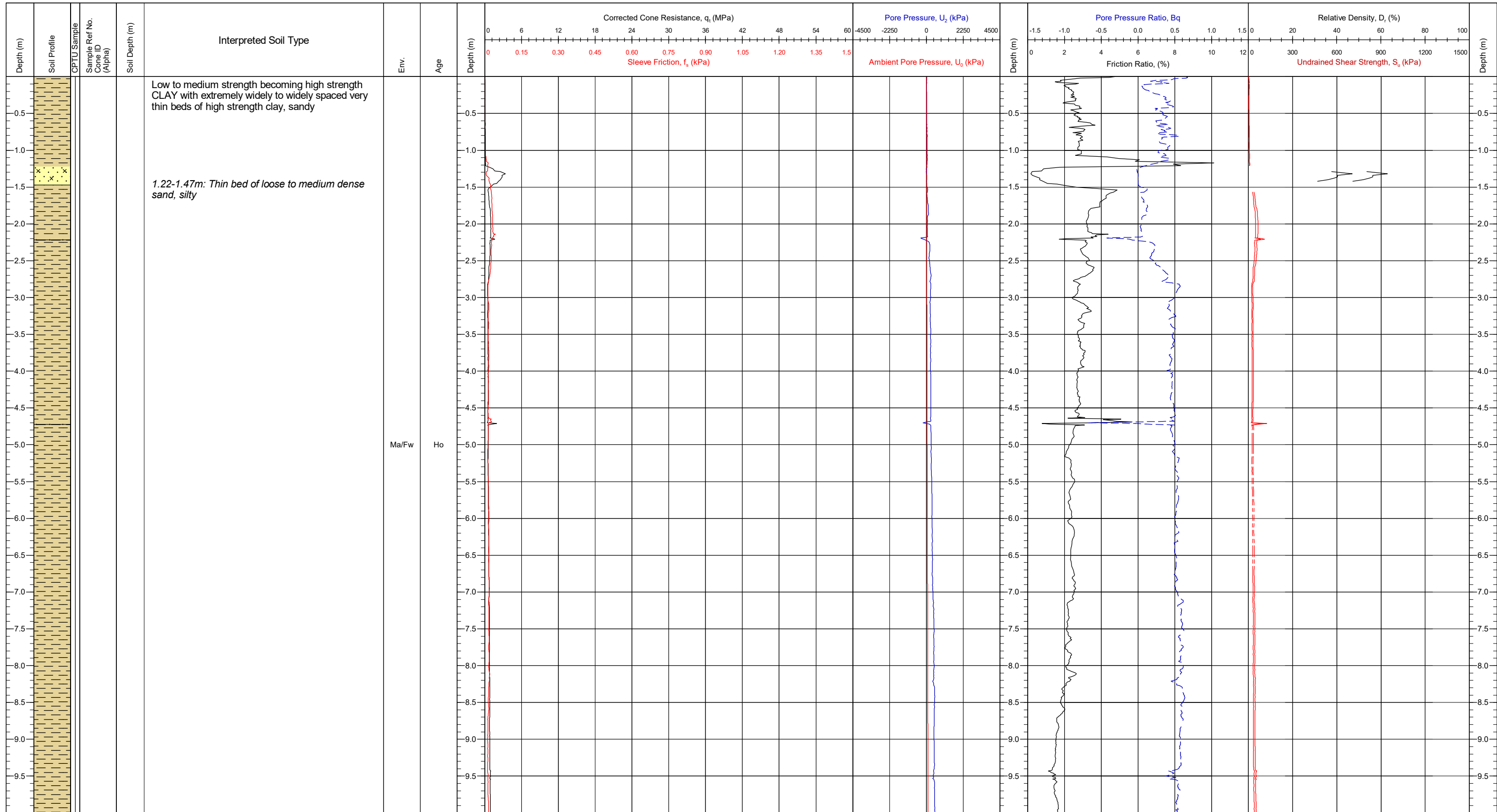
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 K_h: 15 - 20
 K_c: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	671921.2E 6256092.0N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	29.2	Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance~ high total load and near maximum cone inclination of 11.59 degrees	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	CPT7
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	191114 (50cm ²) / 0.76					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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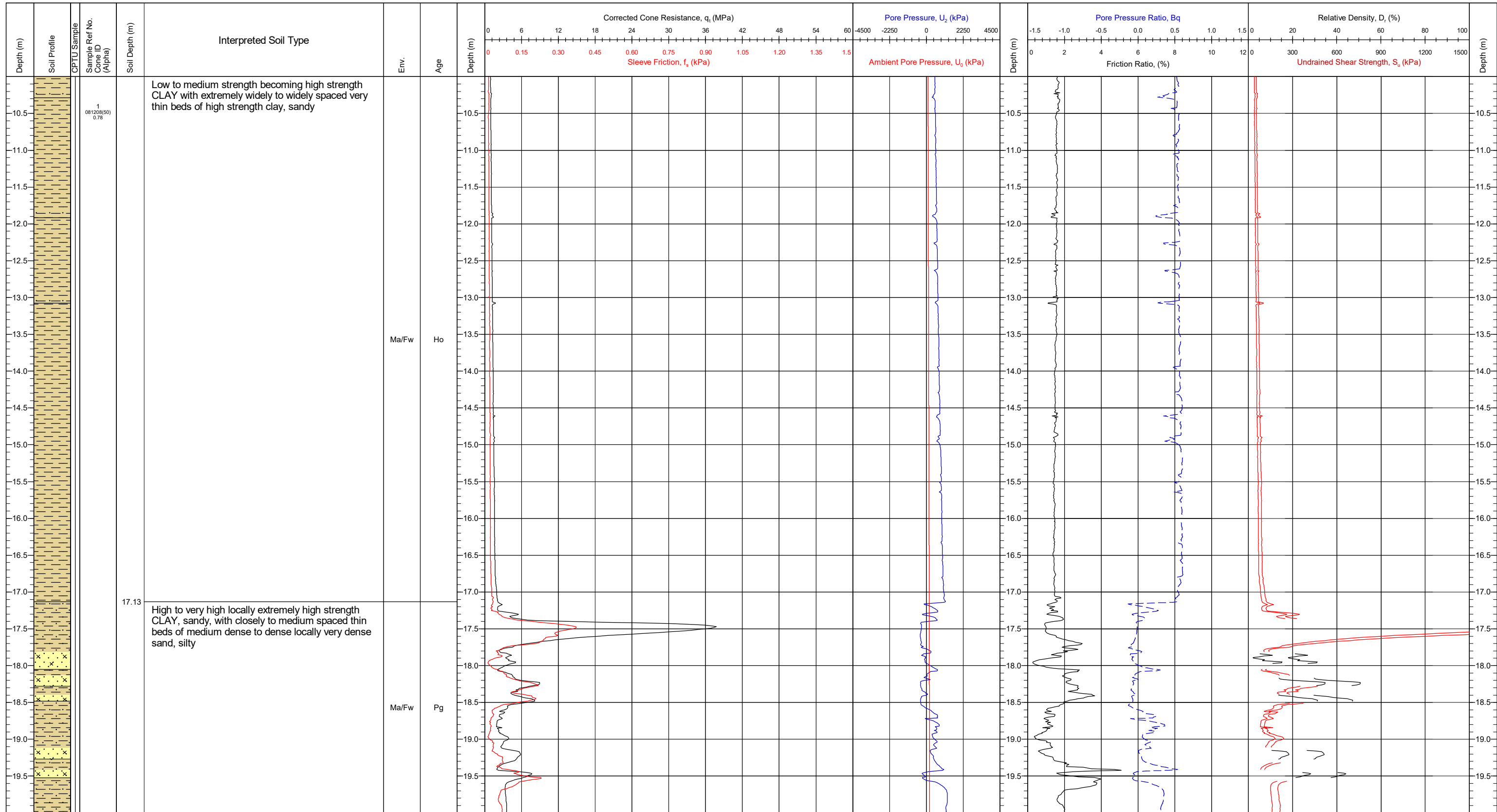
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 K_h: 15 - 20
 K_c: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674879.5E 6255586.4N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.6	Comments: Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline~ resulting in a high risk of buckling rods when encountering very dense sands.			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021				JK/BC	DR	SMc
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	081208 (50cm ²) / 0.78	(27/04/2021)	(10/06/2021)	(10/11/2021)			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

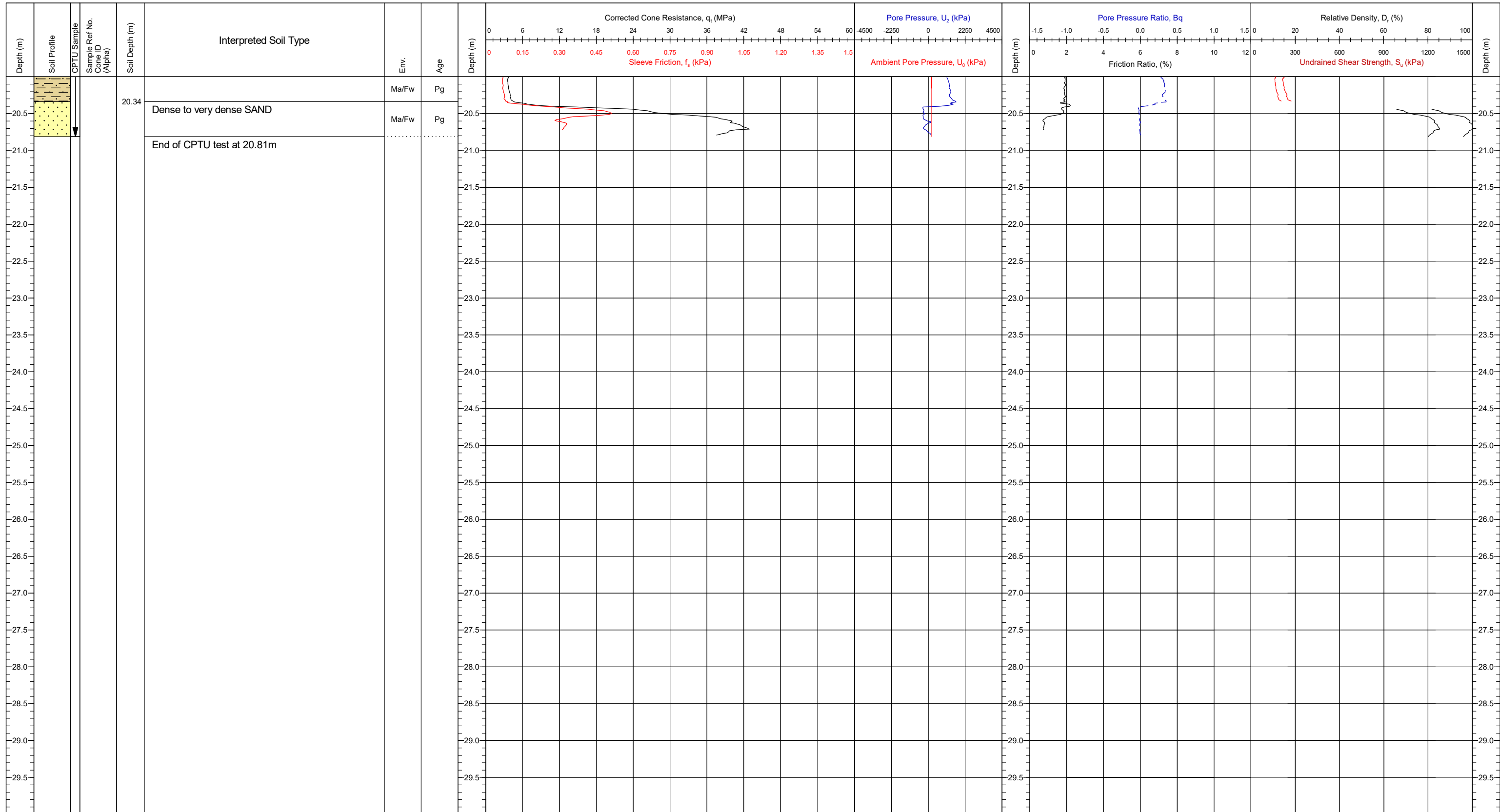
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674879.5E 6255586.4N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.6	Comments: Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline~ resulting in a high risk of buckling rods when encountering very dense sands.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	081208 (50cm ³) / 0.78					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 2/3			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

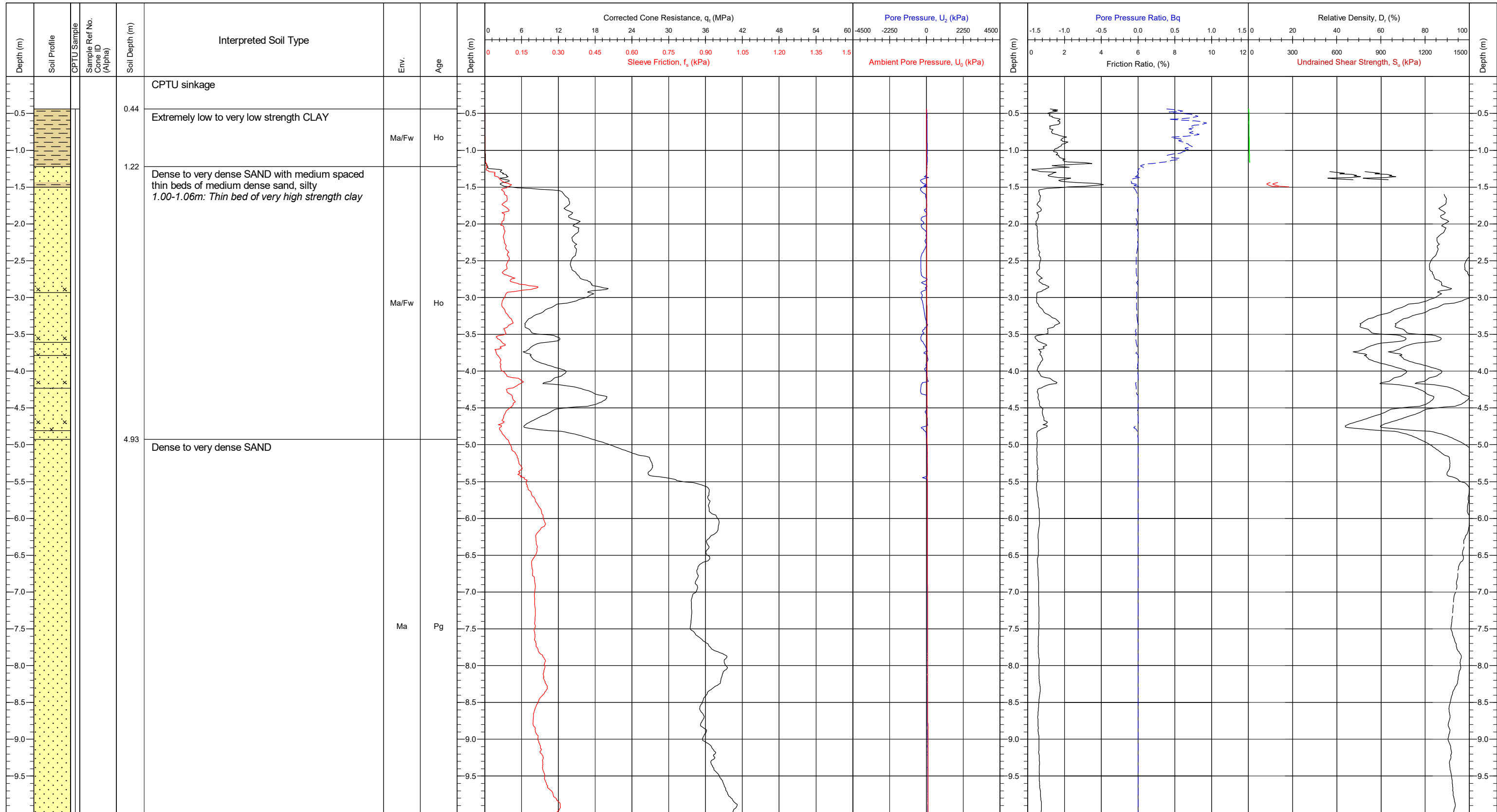
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_c : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674879.5E 6255586.4N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	30.6		Comments: Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline~ resulting in a high risk of buckling rods when encountering very dense sands.
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	081208 (50cm ²) / 0.78		
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		
					QC Status Preliminary Draft Final JK/BC (27/04/2021) DR (10/06/2021) SMC (10/11/2021)
					CPT Name CPT8
					Page: 3/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



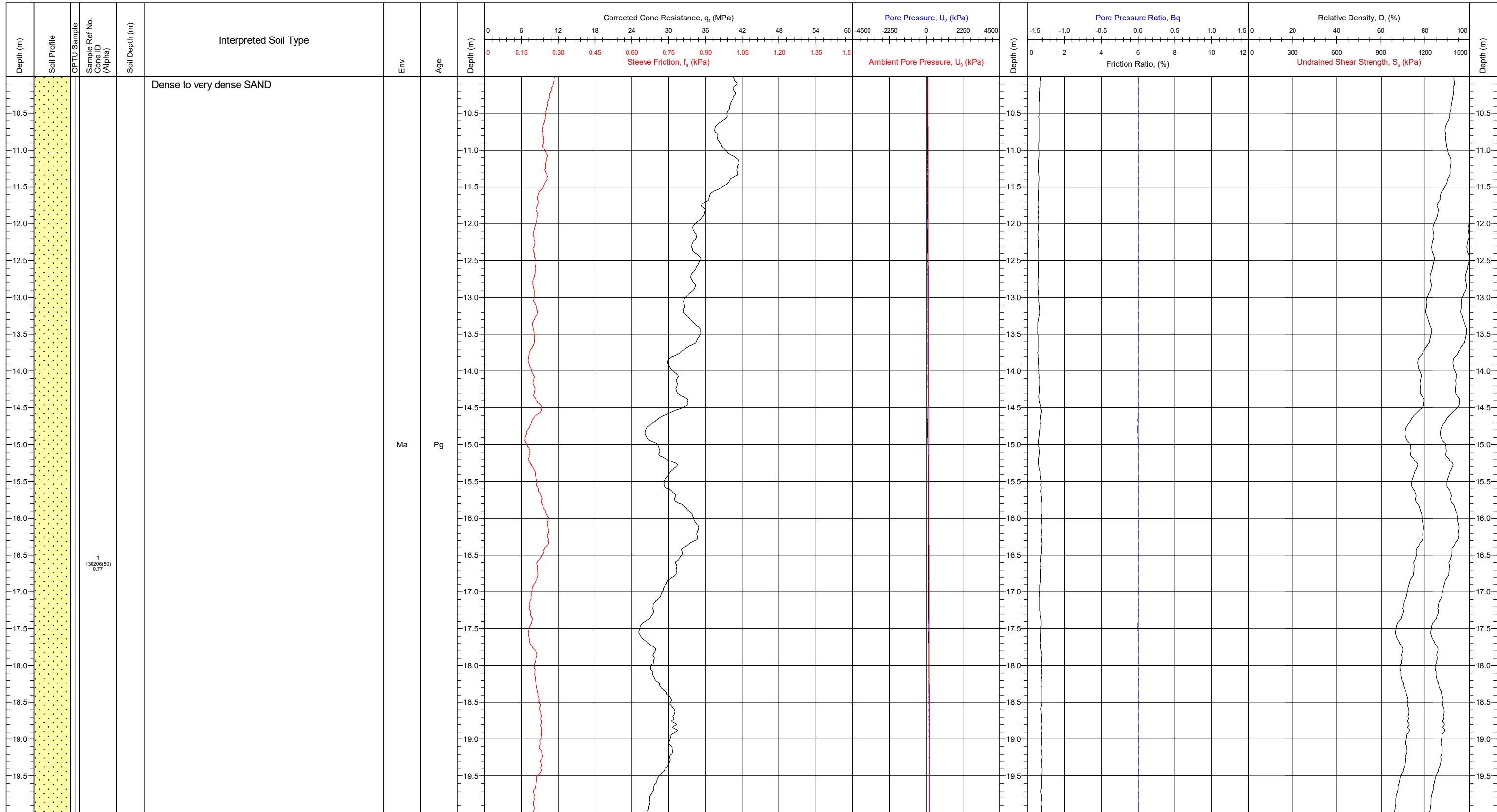
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	676157.0E 6257143.6N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.5	Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination- SBF inclination and increasing total load.			Preliminary	Draft	Final	CPT9
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77				JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 1/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.5° / Y = 2.6°							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



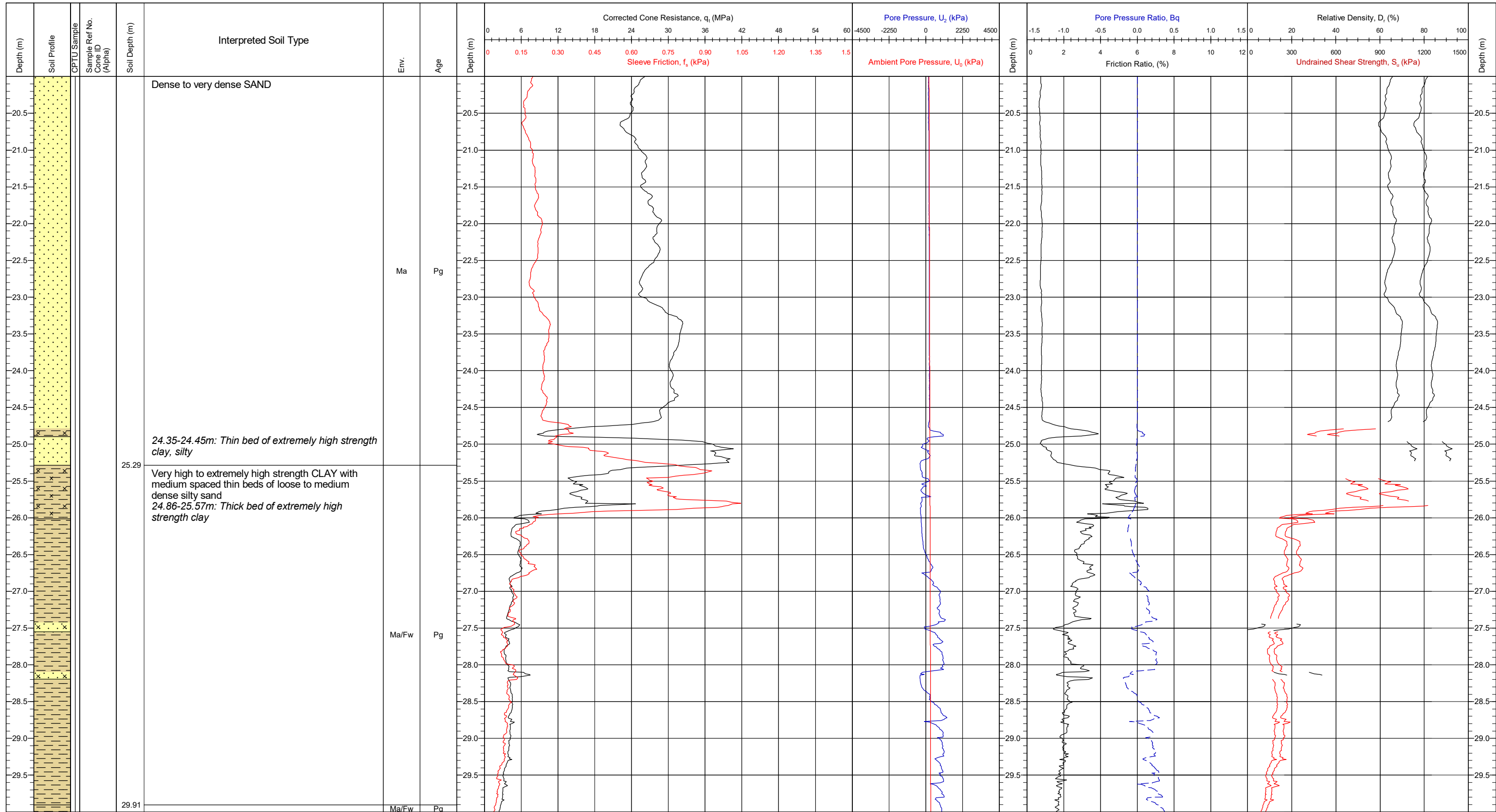
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	676157.0E 6257143.6N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.5	Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination- SBF inclination and increasing total load.			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021						
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (50cm ²) / 0.77						
Method	20 kN Sea bed CPT	Base Inclination	X = 1.5° / Y = 2.6°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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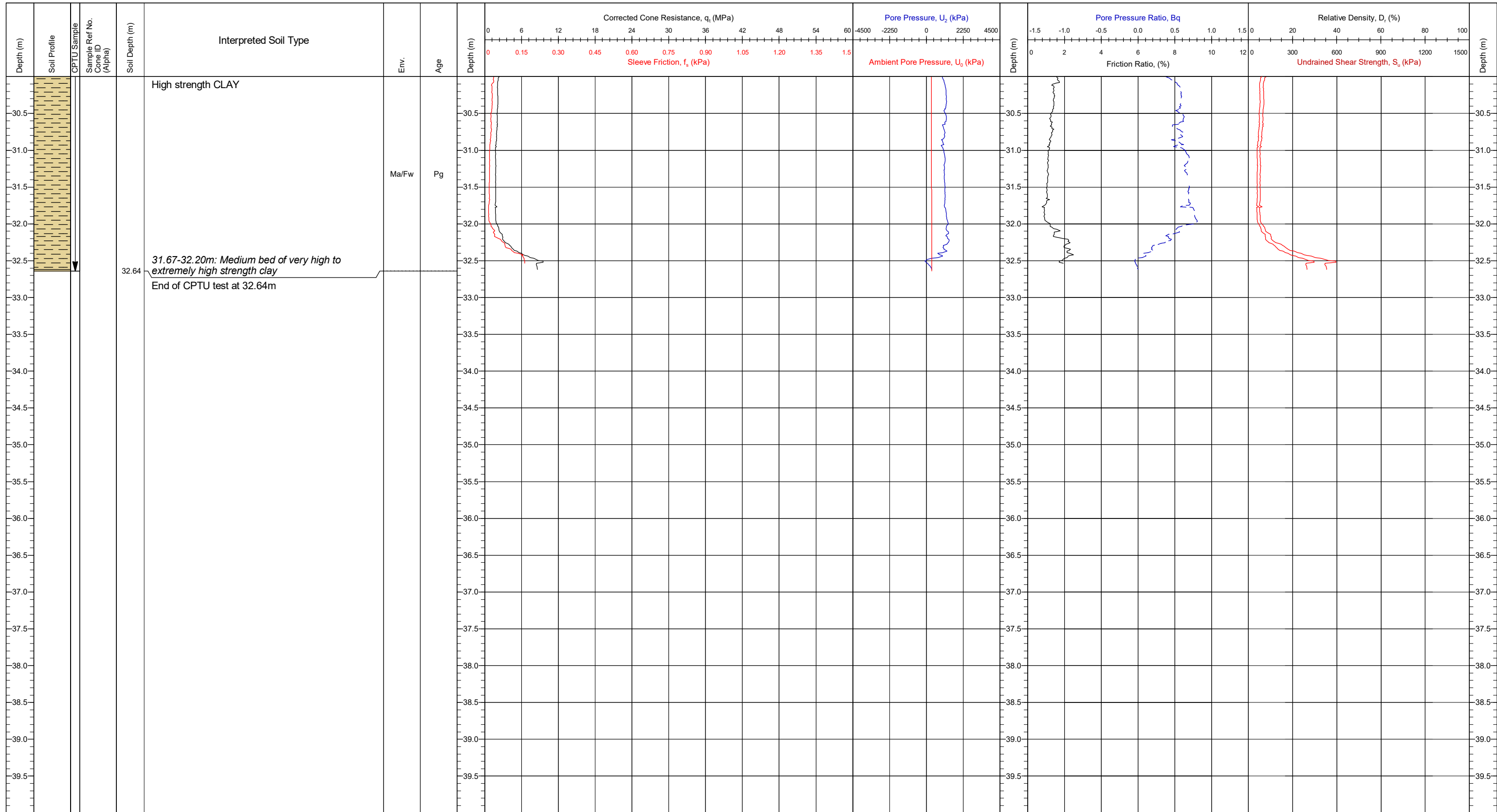
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_c : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676157.0E 6257143.6N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	31.5	Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination- SBF inclination and increasing total load.		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021			
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (50cm ²) / 0.77			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.5° / Y = 2.6°			
				QC Status		
				Preliminary	Draft	Final
				JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
				CPT Name		
				CPT9		
				Page: 3/4		

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



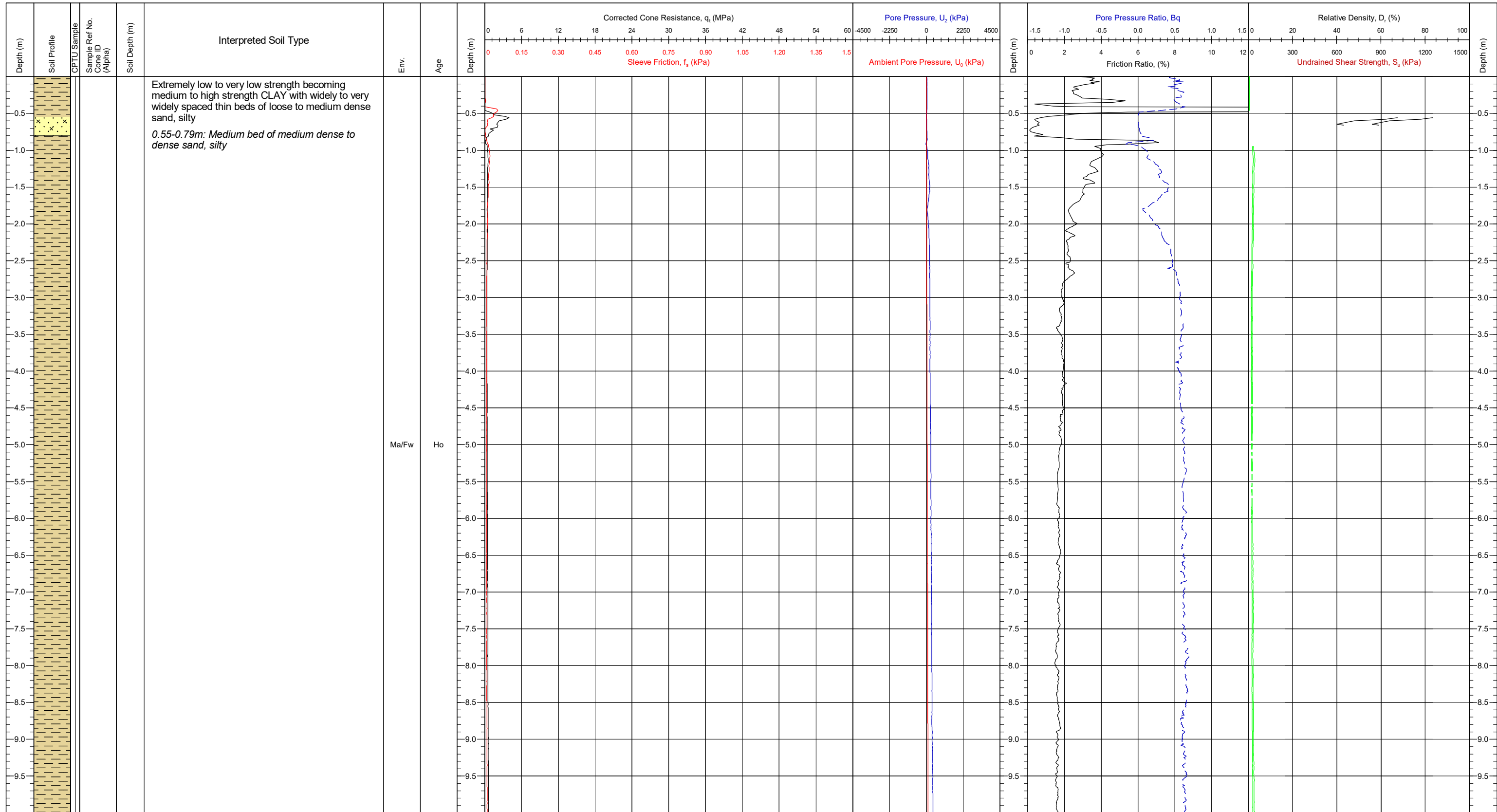
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_c : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	676157.0E 6257143.6N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	31.5		Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination- SBF inclination and increasing total load.	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021			
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.5° / Y = 2.6°			
				QC Status		
				Preliminary	Draft	Final
				JK/BC (26/04/2021)	DR (10/06/2021)	SMC (10/11/2021)
CPT Name						
CPT9						
Page: 4/4						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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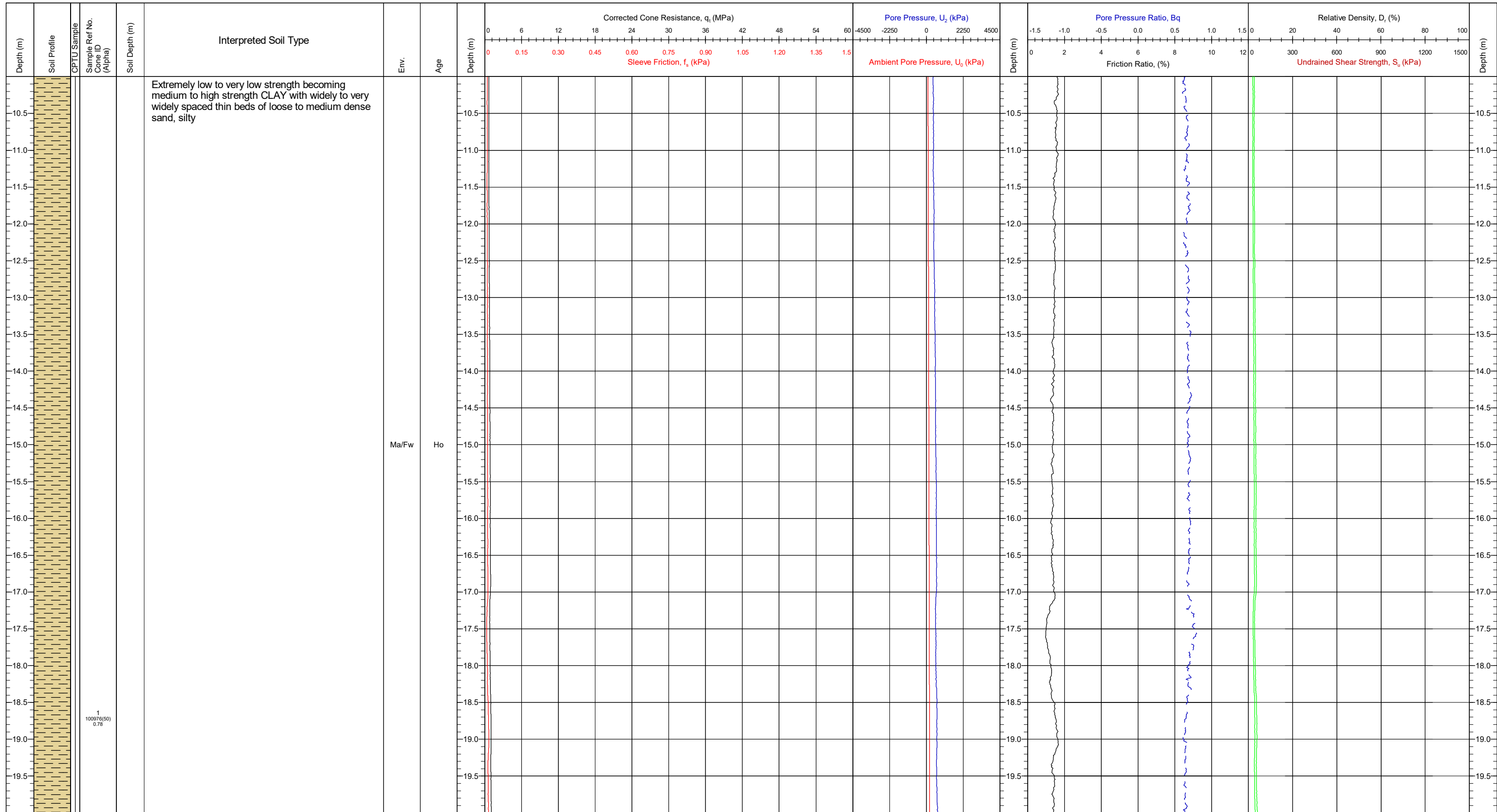
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_h : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	678861.0E 6255157.8N	CRS: ETRS89	QC Status			CPT Name CPT10
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021		JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	100976 (50cm ²) / 0.78					Page: 1/4
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = -0.1°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

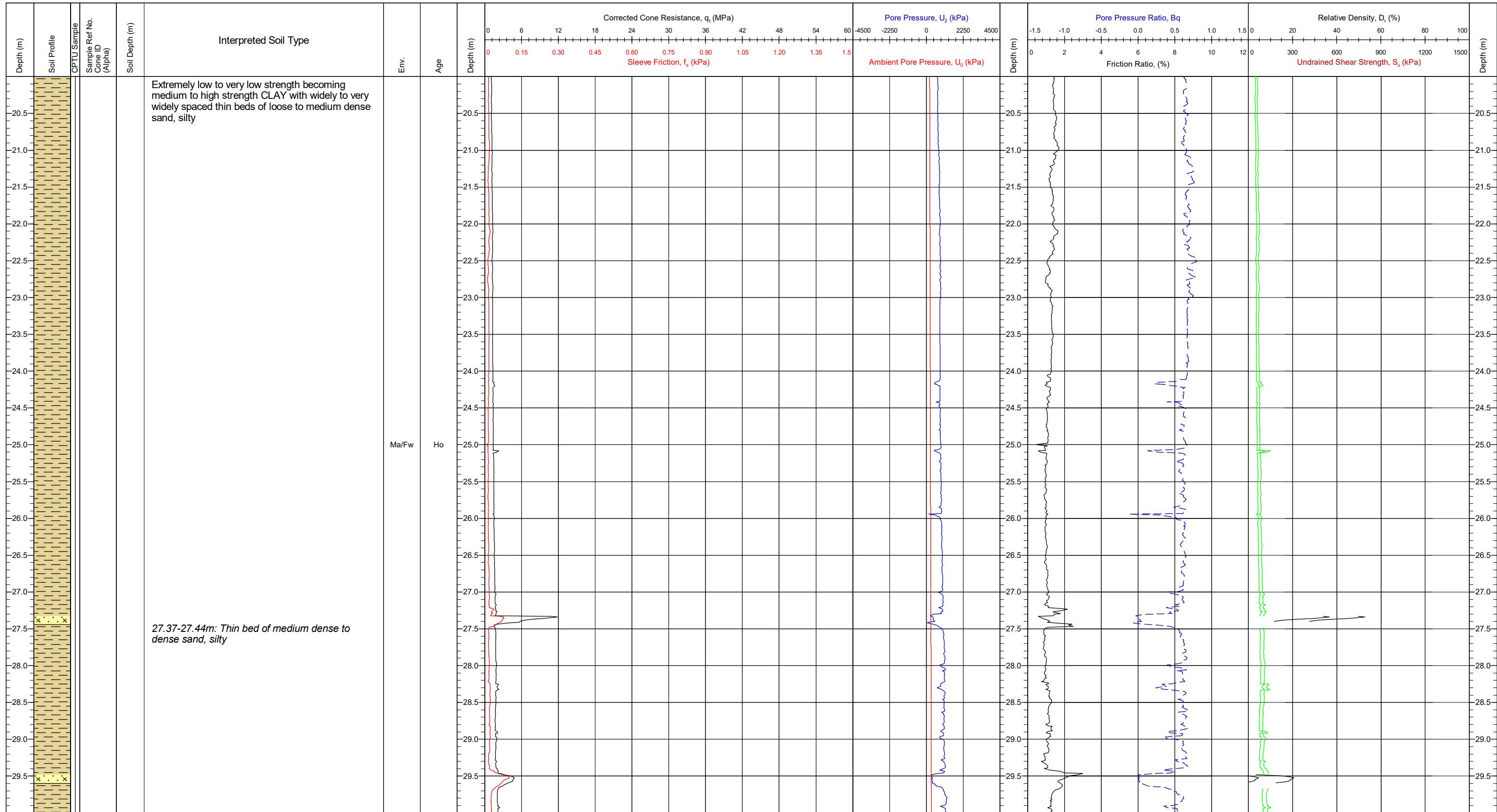
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	678861.0E 6255157.8N	CRS: ETRS89	QC Status			CPT Name CPT10
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021		JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	100976 (50cm ²) / 0.78					Page: 2/4
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = -0.1°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



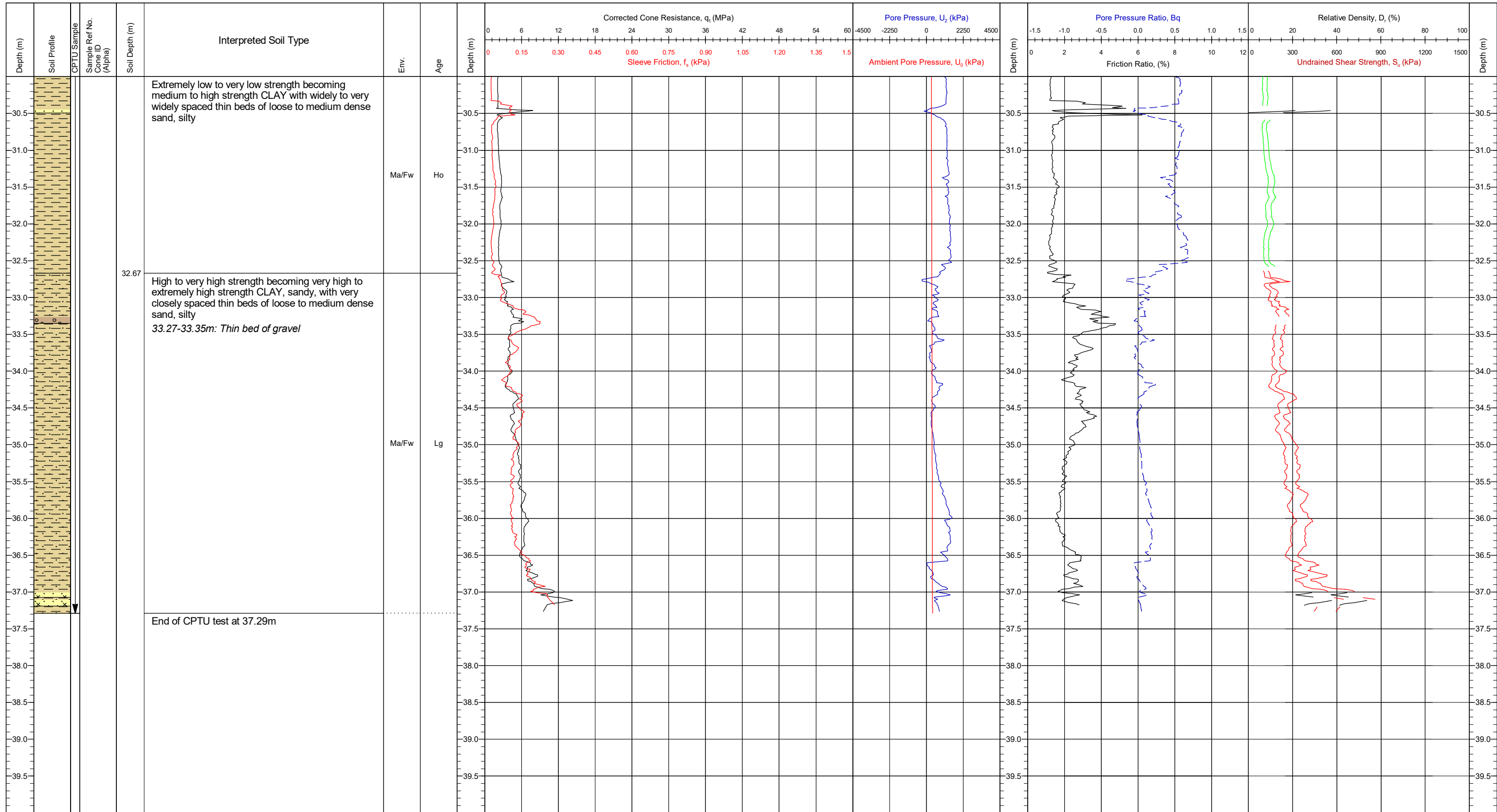
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678861.0E 6255157.8N	CRS:	ETRS89	QC Status			CPT Name CPT10	
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force~ increasing cone inclination and a lack of lateral rod support from mudline			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	100976 (50cm ³) / 0.78							
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = -0.1°							
							JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 3/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



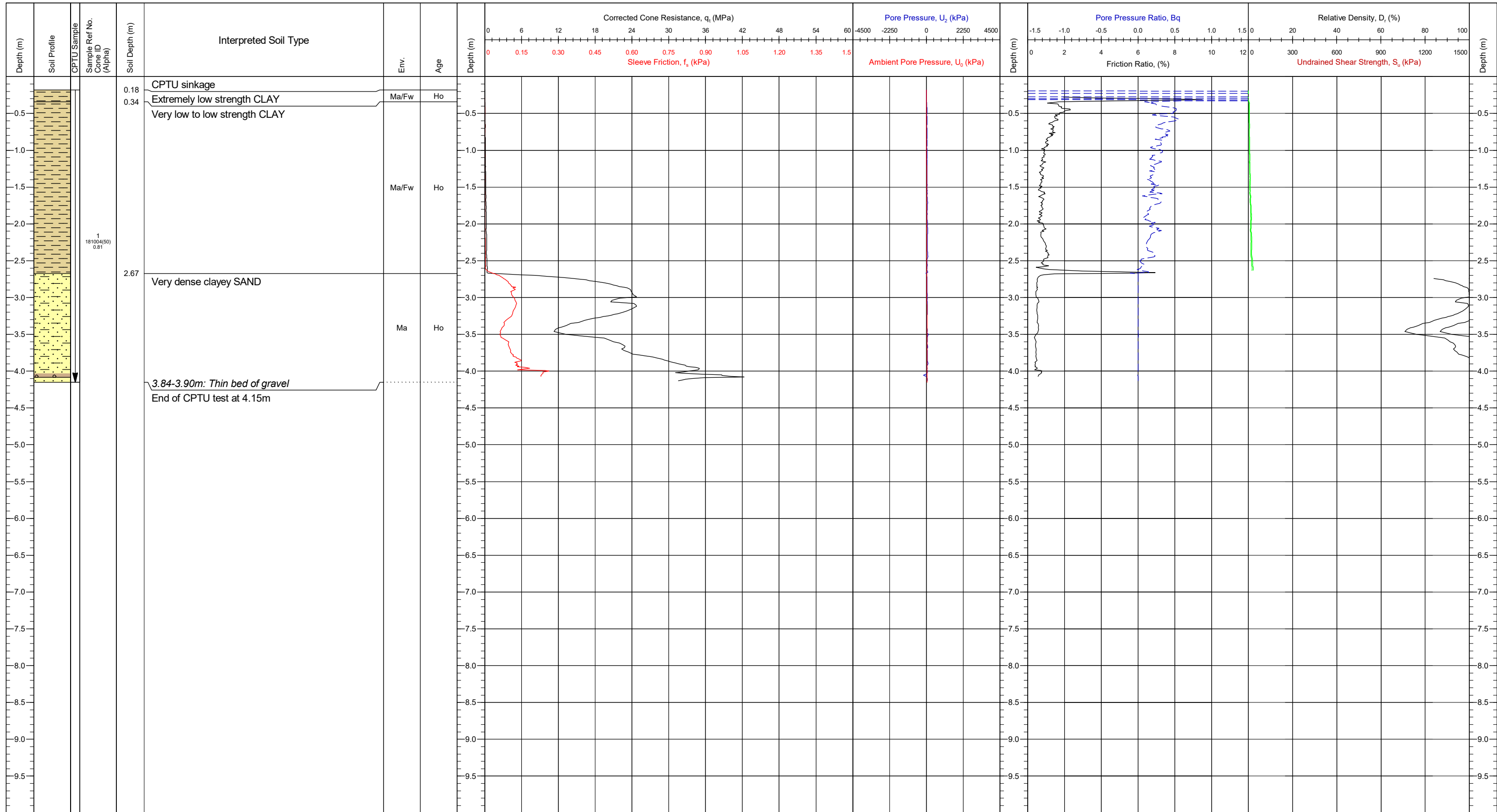
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678861.0E 6255157.8N	CRS:	ETRS89	QC Status			CPT Name CPT10	
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force~ increasing cone inclination and a lack of lateral rod support from mudline			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	100976 (50cm ²) / 0.78							
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = -0.1°							
							JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 4/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



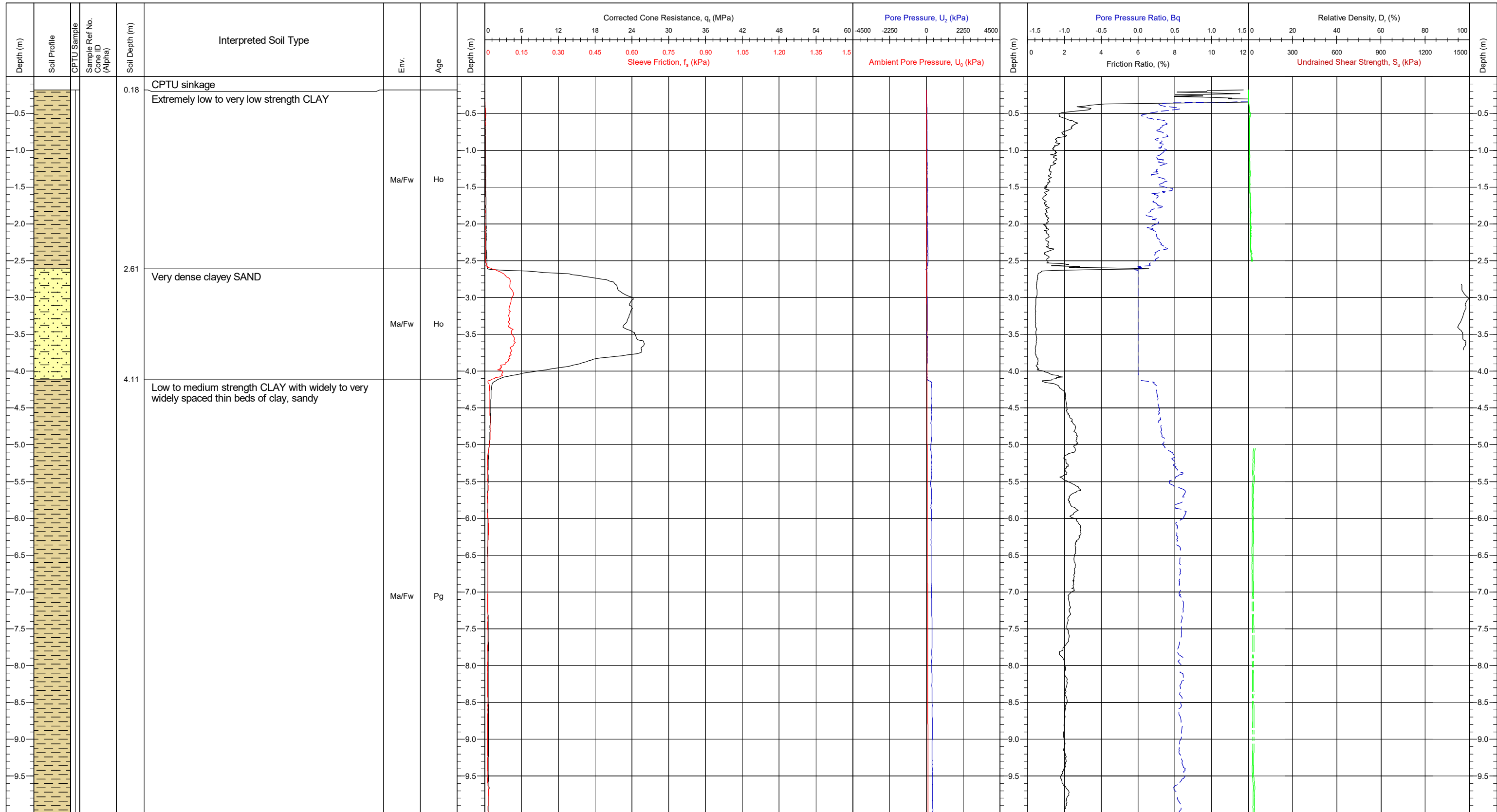
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{v1} : 12.5 - 16.5 N_{v2} : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	666385.9E 6259321.6N	CRS: ETRS89	QC Status			CPT Name CPT11
Contract	11596	Water Depth (mMSL)	28.8	Comments: Cone class 1. Continuous seabed CPT. Final depth 3.97m. Test terminated due to a maximum sleeve friction refusal.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	181004 (50cm ²) / 0.81					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°		Page: 1/1			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

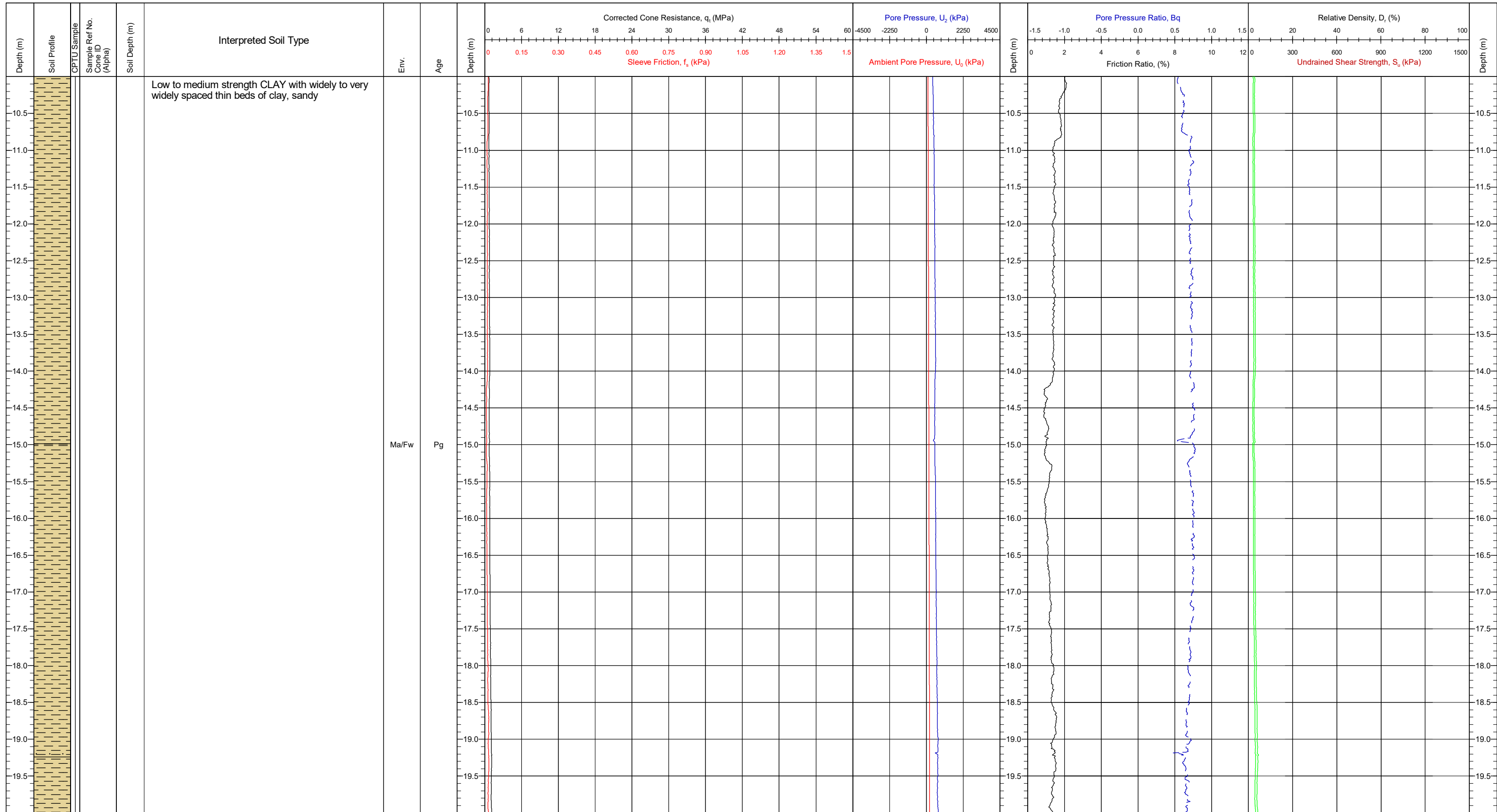
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 K_h: 15 - 20
 K_c: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	666386.2E 6259316.5N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	28.7	Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend	Preliminary	Draft	Final	CPT11a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	181004 (50cm ²) / 0.81		Page: 1/5			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



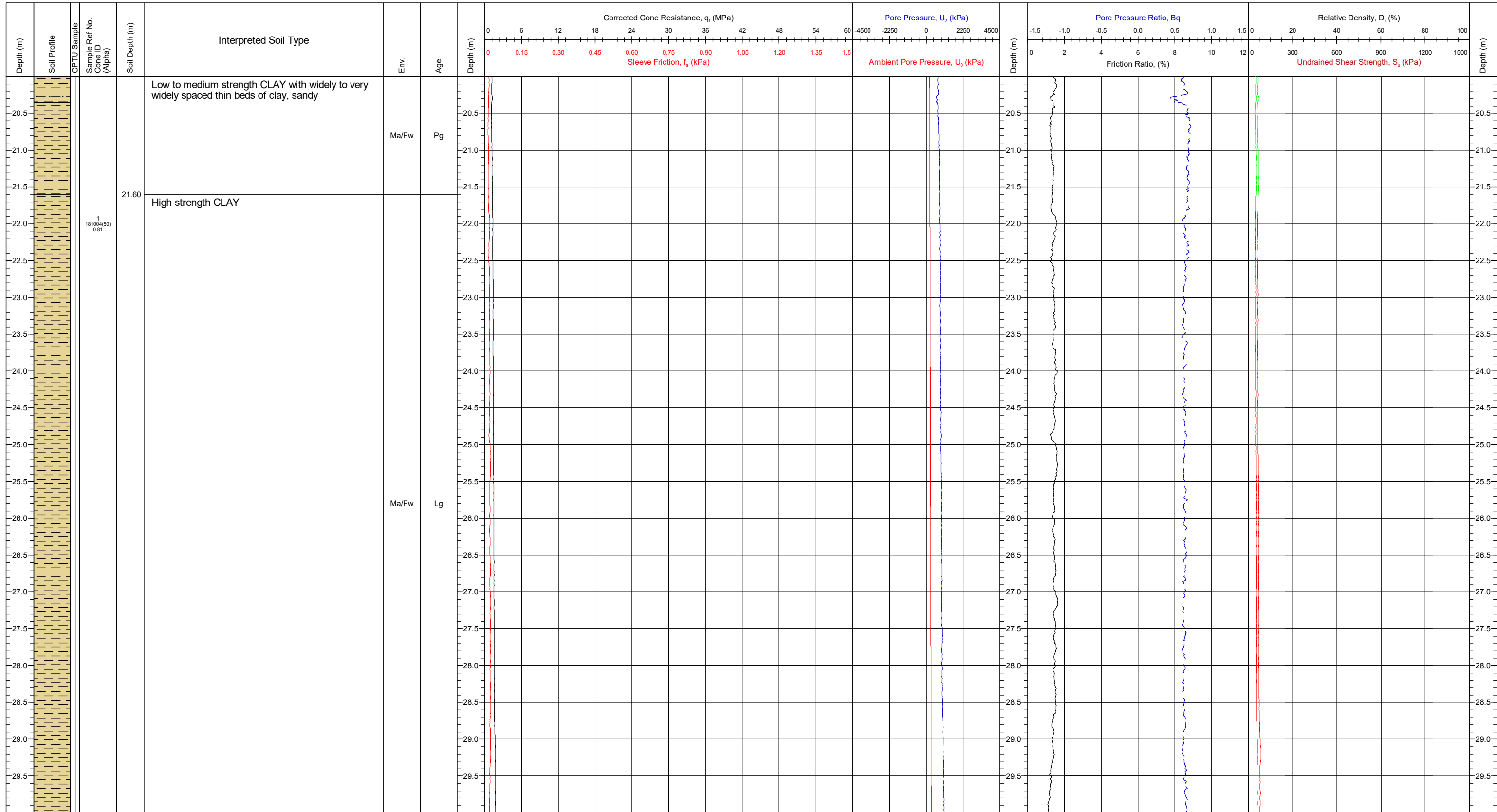
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	666386.2E 6259316.5N	CRS: ETRS89	QC Status			CPT Name CPT11a
Contract	11596	Water Depth (mMSL)	28.7	Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	181004 (50cm ²) / 0.81					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 2/5			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



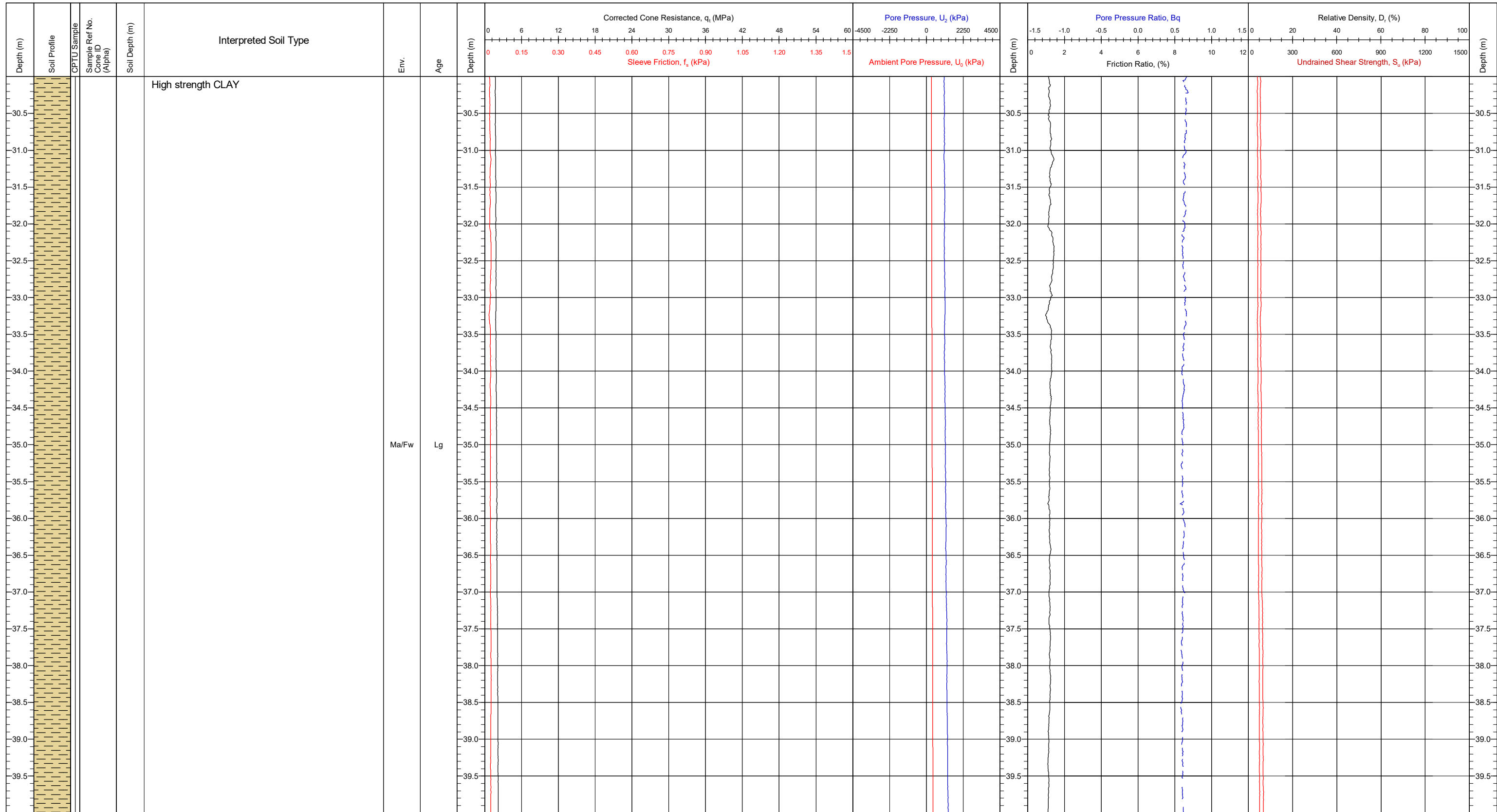
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	666386.2E 6259316.5N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	28.7	Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021			
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	181004 (50cm ²) / 0.81			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°			
				QC Status		
				Preliminary	Draft	Final
				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
				CPT Name		
				CPT11a		
				Page: 3/5		

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KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

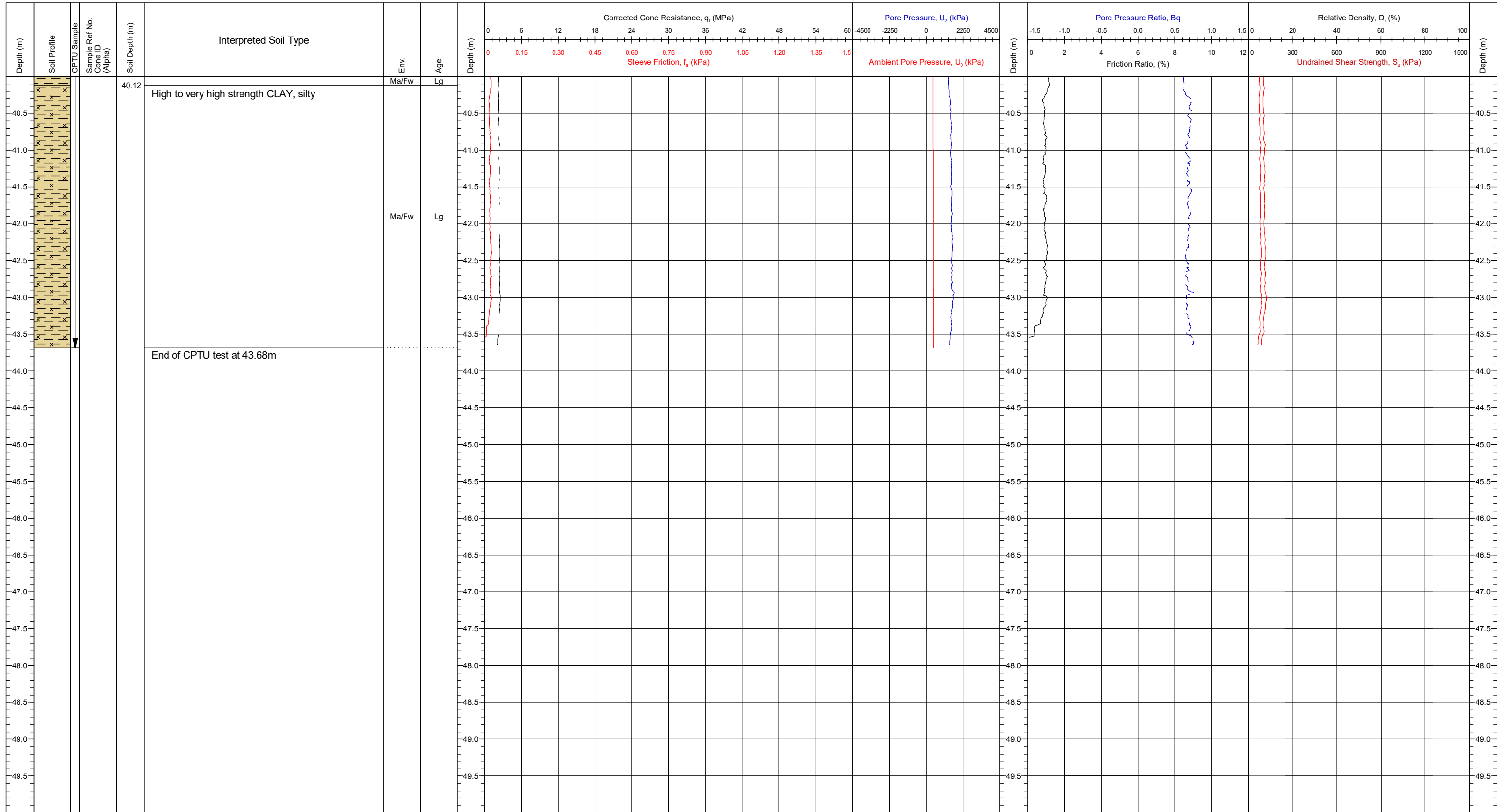
Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	666386.2E 6259316.5N	CRS: ETRS89										
Contract	11596	Water Depth (mMSL)	28.7	Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">QC Status</th> </tr> <tr> <td style="text-align: center;">Preliminary</td> <td style="text-align: center;">Draft</td> <td style="text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(29/04/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>	QC Status			Preliminary	Draft	Final	JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
QC Status														
Preliminary	Draft	Final												
JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>												
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021											
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181004 (50cm ³) / 0.81											
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°											

CPT11a

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



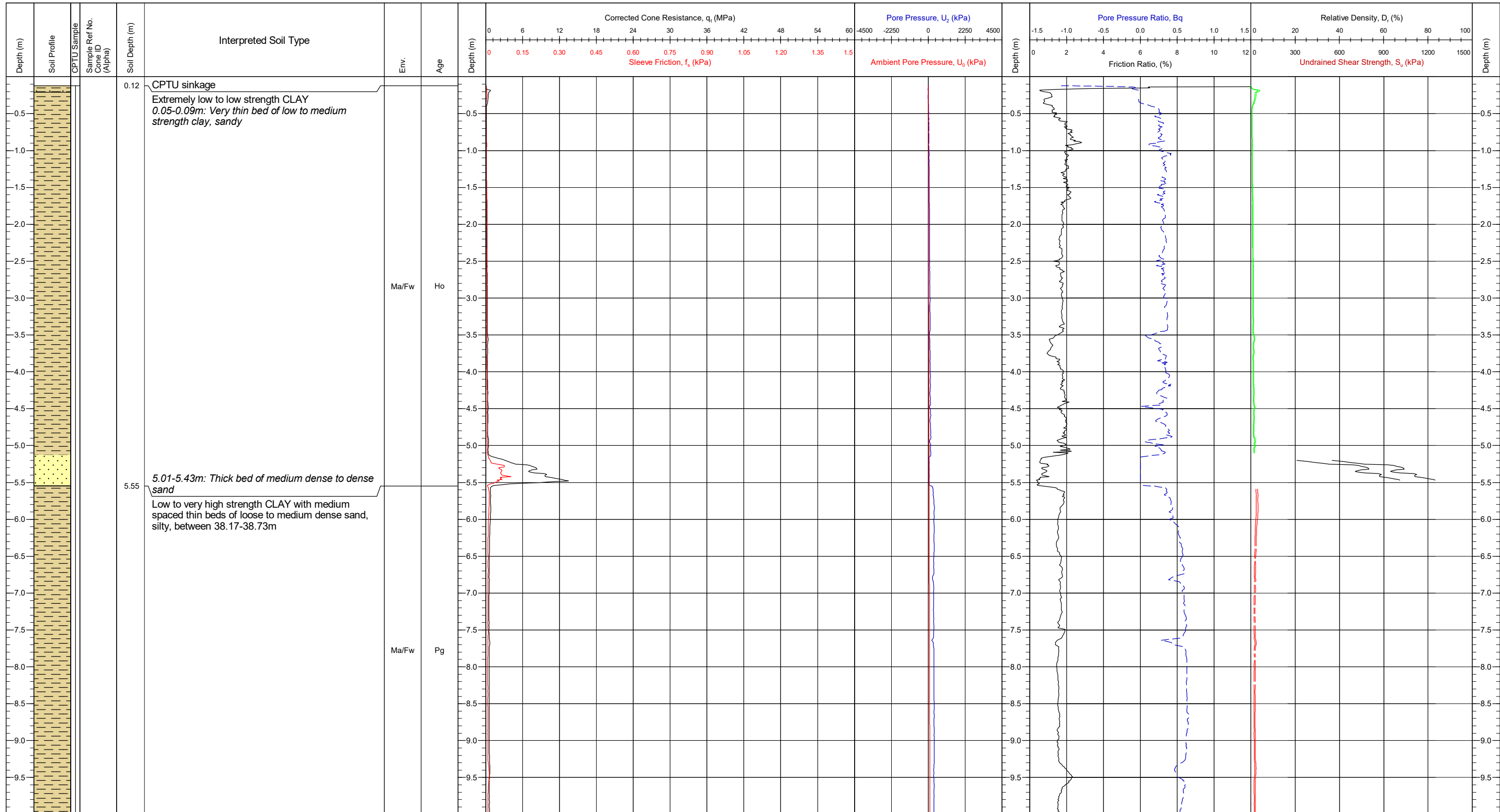
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	666386.2E 6259316.5N	CRS: ETRS89	QC Status		CPT Name
Contract	11596	Water Depth (mMSL)	28.7	Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend	Preliminary	Draft	Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021				
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181004 (50cm ²) / 0.81		JK/BC	DR	SMc
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		(29/04/2021)	(10/06/2021)	(10/11/2021)
							CPT11a
							Page: 5/5

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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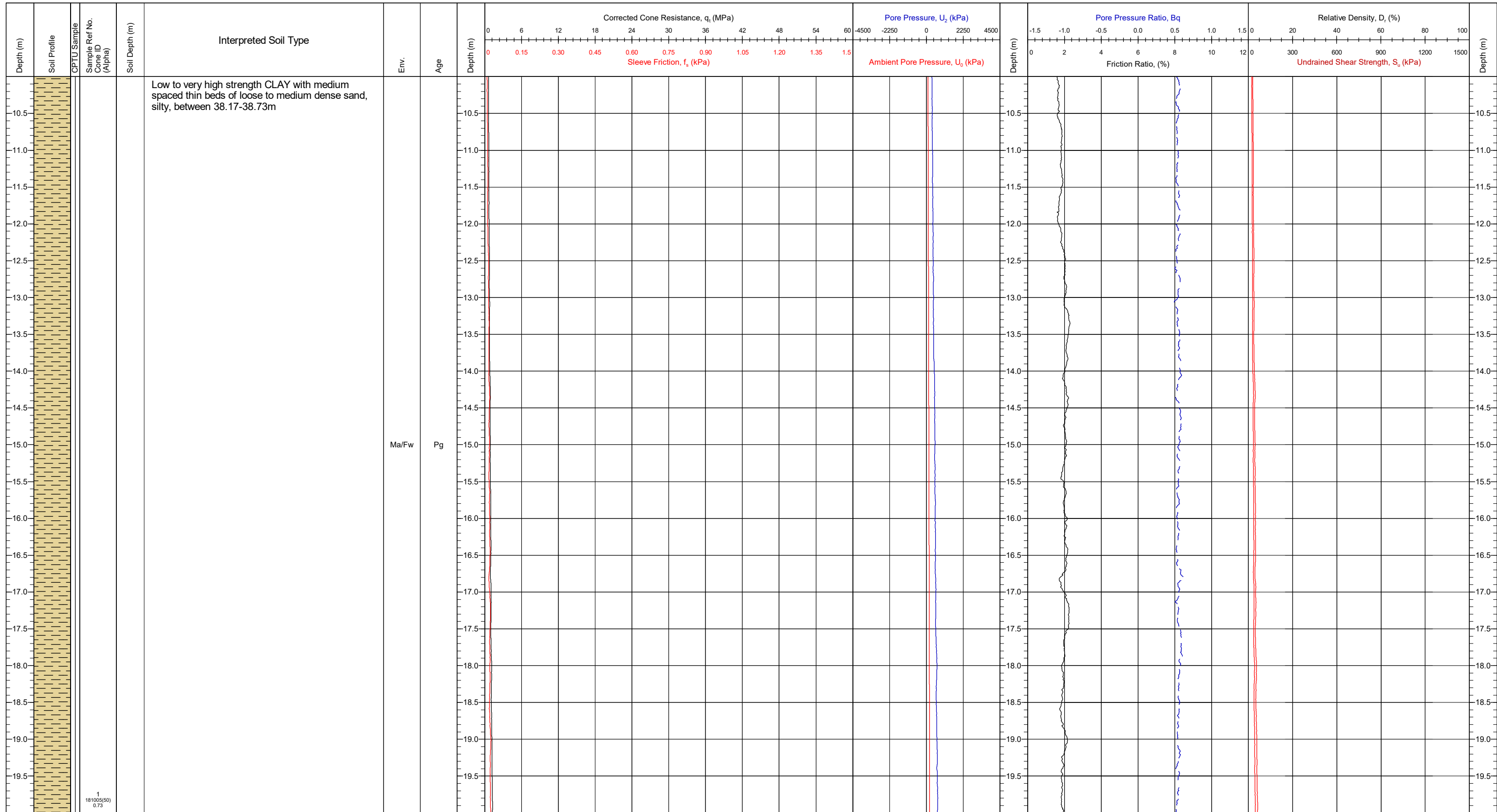
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 K_c: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668527.9E 6259970.0N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	26.1	Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend	Preliminary	Draft	Final	CPT12
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	181005 (50cm ²) / 0.73					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		Page: 1/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

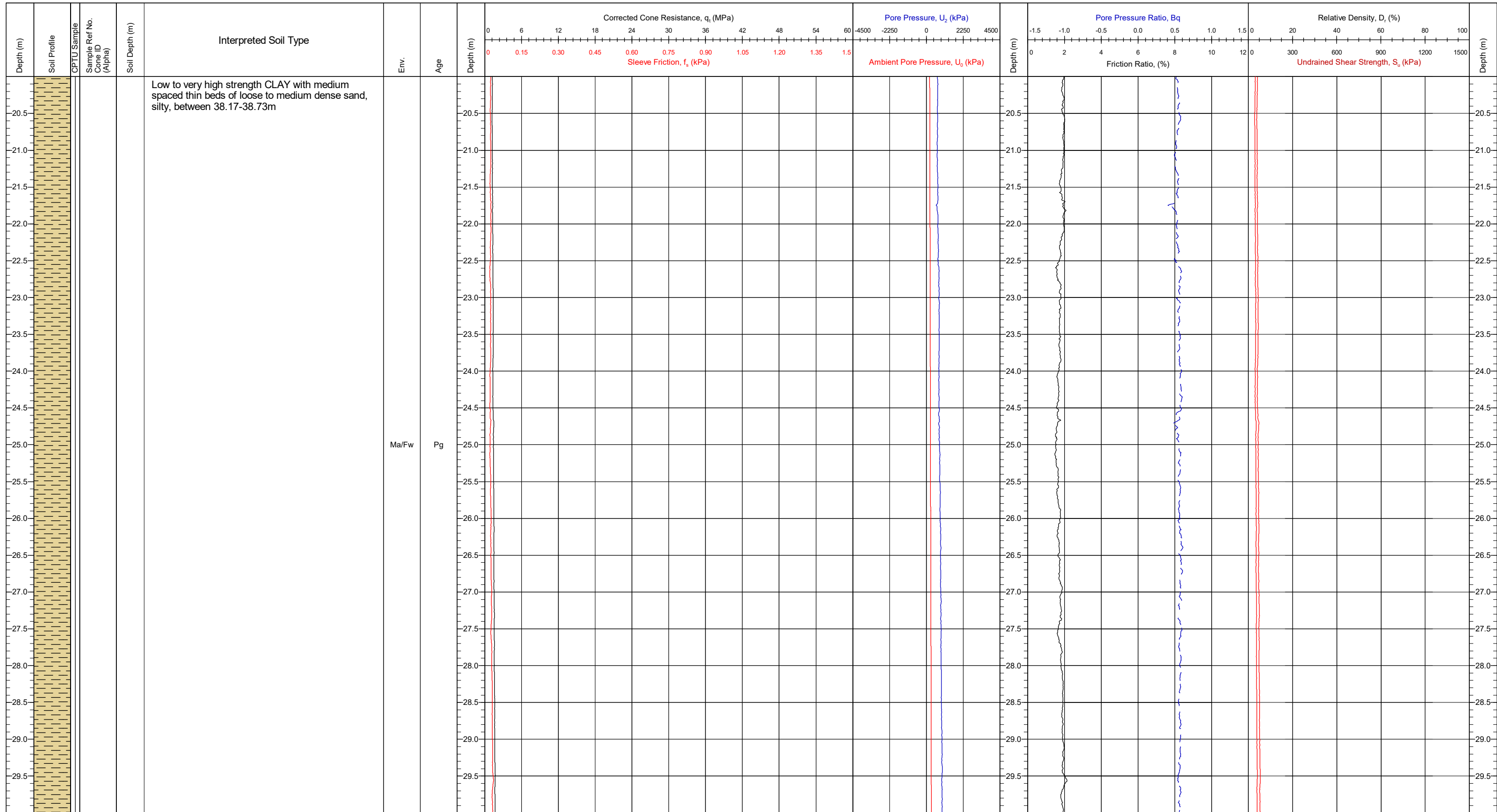
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	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668527.9E 6259970.0N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	26.1	Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend	QC Status Preliminary Draft Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181005 (50cm ²) / 0.73		
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		
					CPT Name CPT12
					Page: 2/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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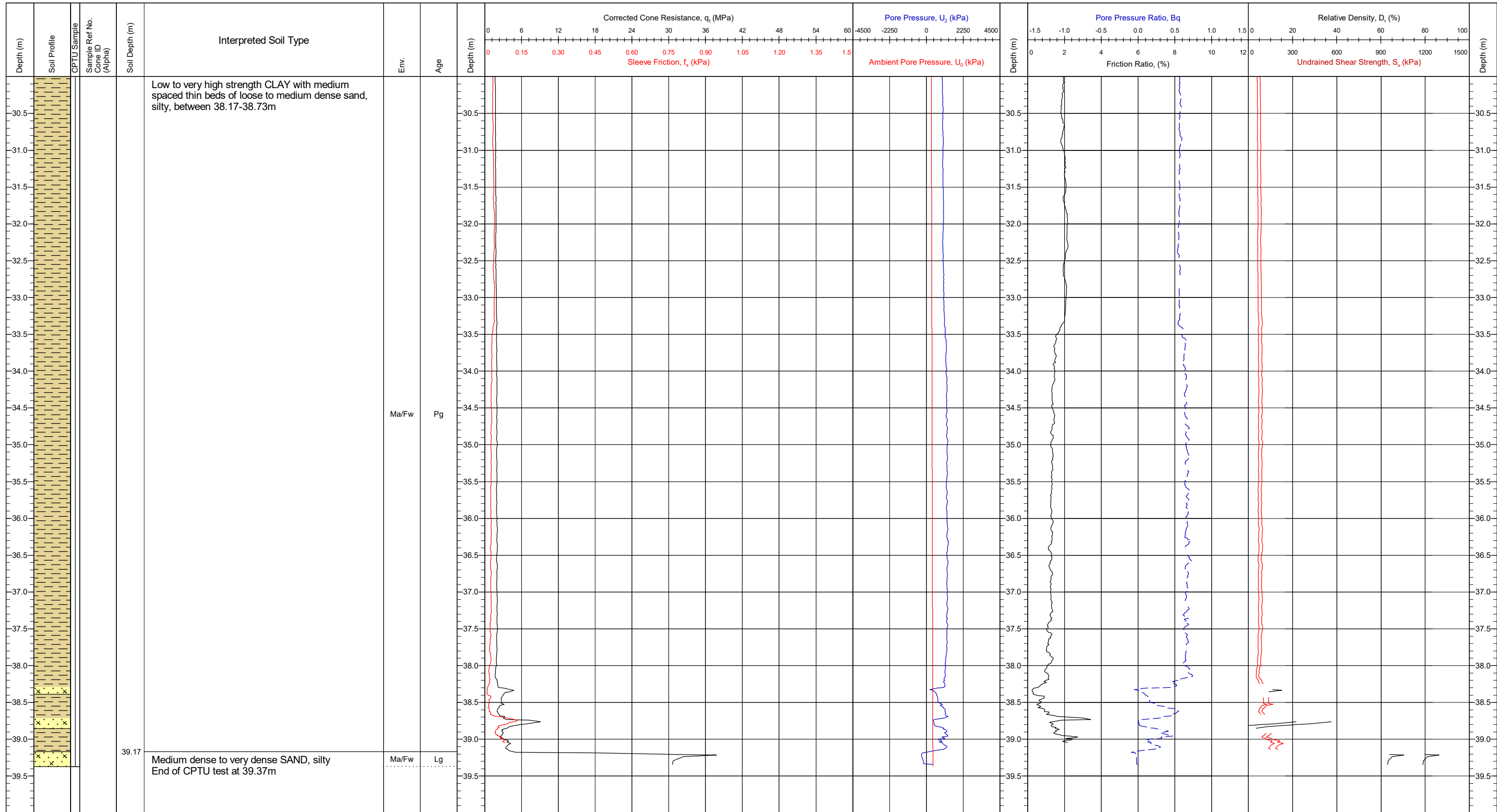
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_h : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668527.9E 6259970.0N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	26.1		Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181005 (50cm ²) / 0.73		
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		
			QC Status		
			Preliminary	Draft	Final
			JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
					CPT Name
					CPT12
					Page: 3/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



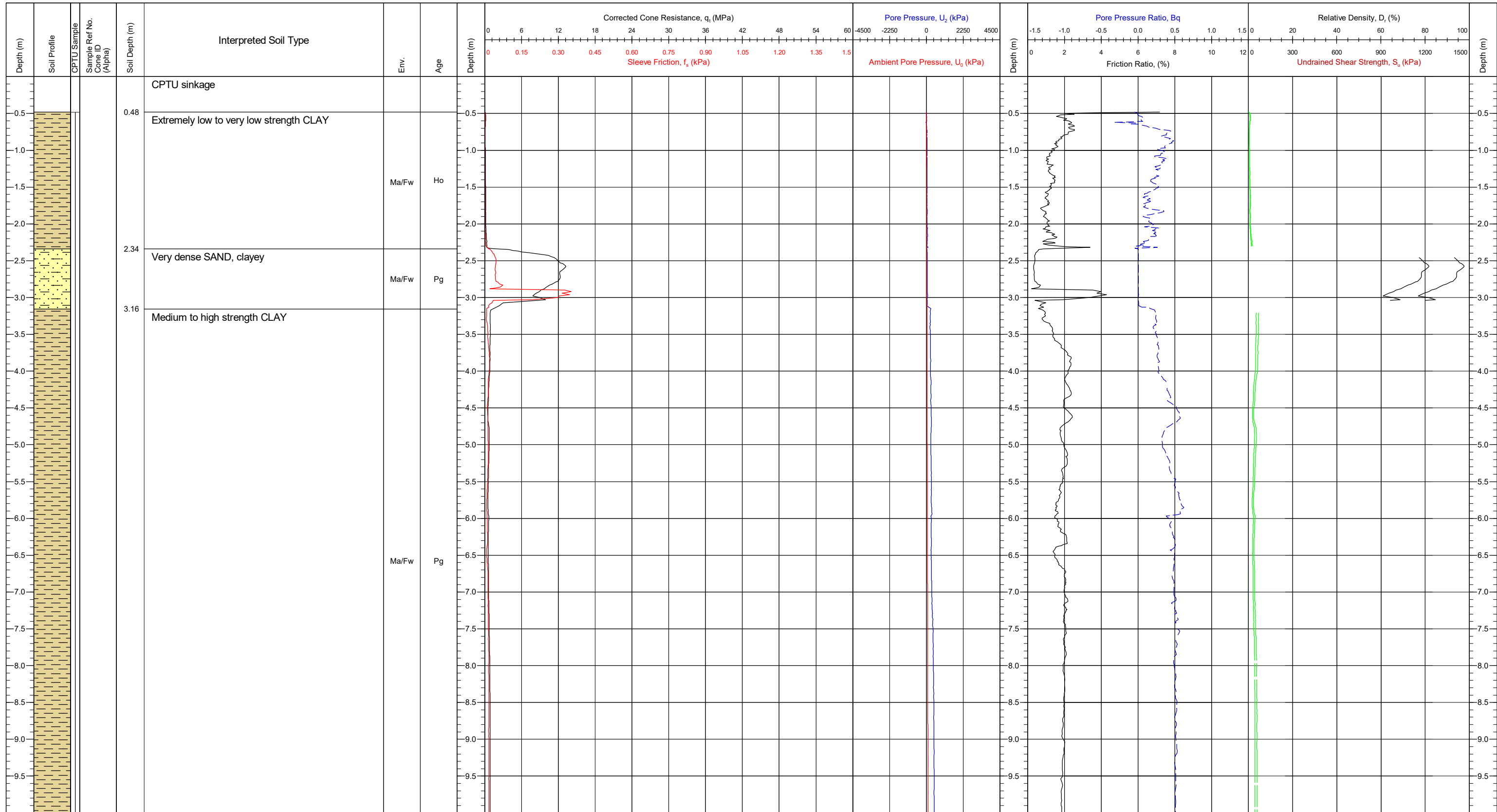
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	668527.9E 6259970.0N	CRS: ETRS89	QC Status			CPT Name CPT12
Contract	11596	Water Depth (mMSL)	26.1	Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	29/04/2021		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	181005 (50cm ³) / 0.73					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		Page: 4/4			

Preliminary Investigation, Hesselø OWF

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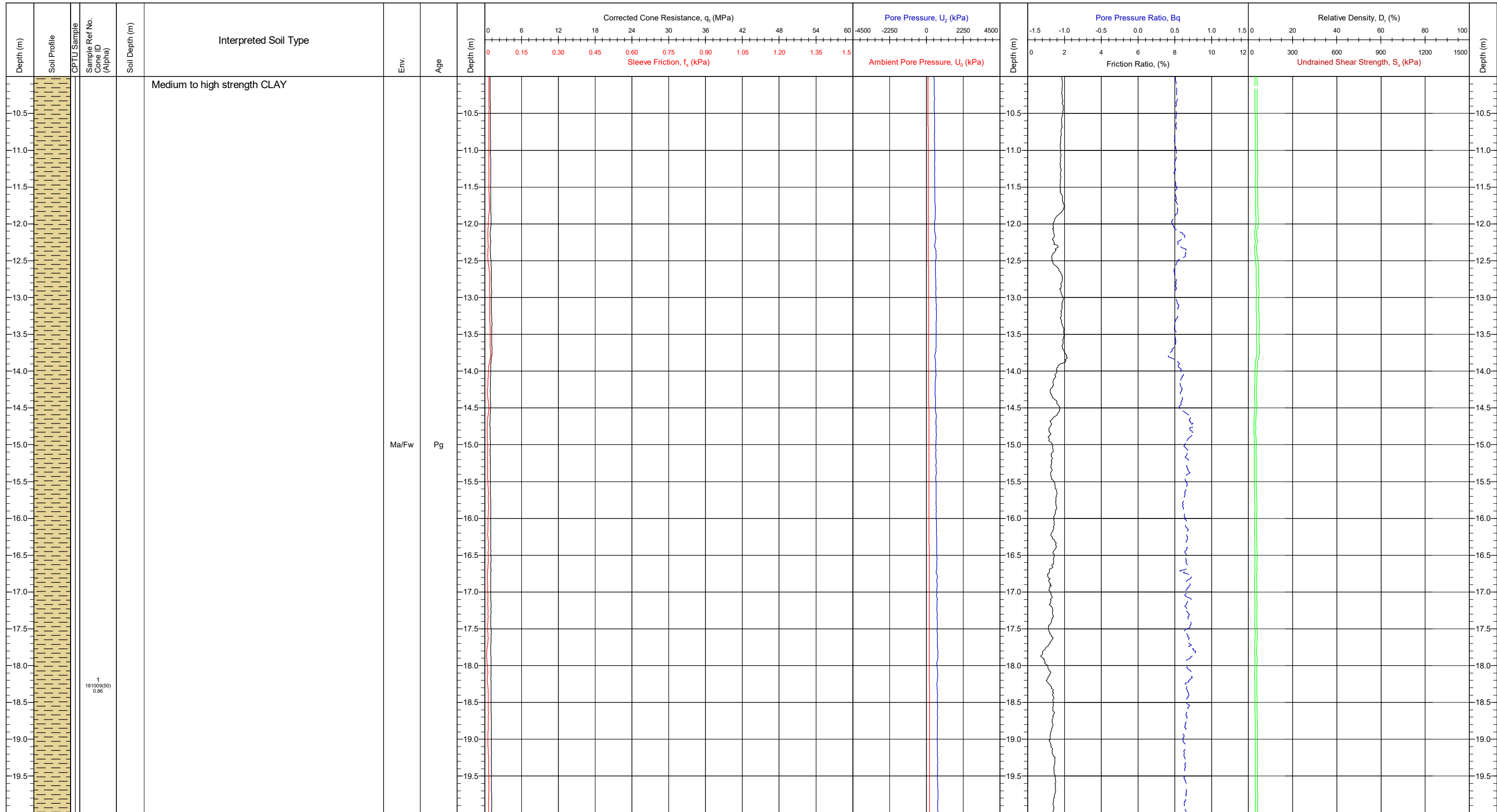
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	671351.3E 6258725.4N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	29.3	Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021			
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181009 (50cm ²) / 0.86			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°			
				QC Status		
				Preliminary	Draft	Final
				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
				CPT Name		
				CPT13		
				Page: 1/4		

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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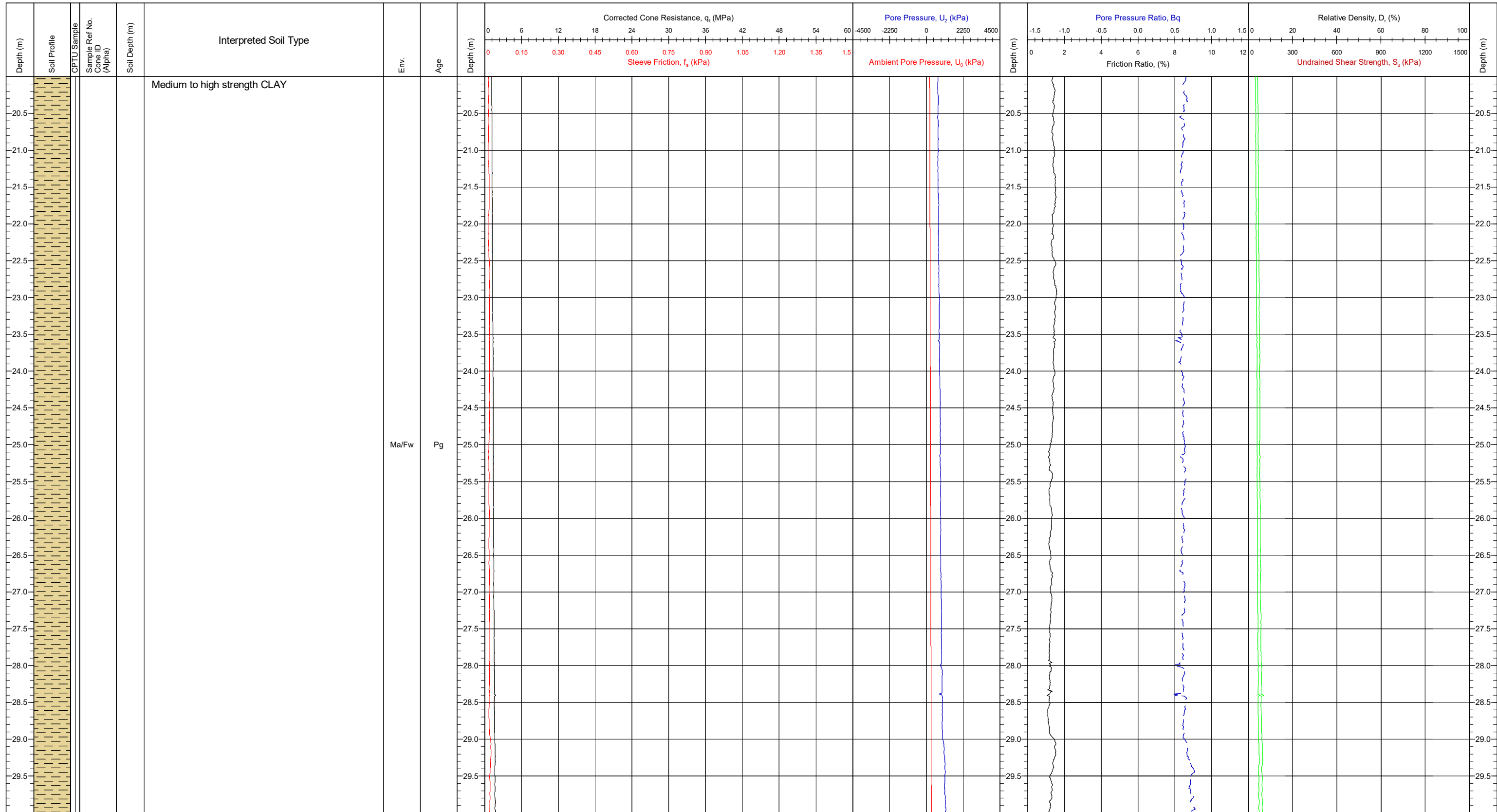
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	671351.3E 6258725.4N	CRS: ETRS89	QC Status			CPT Name CPT13
Contract	11596	Water Depth (mMSL)	29.3	Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMC (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	181009 (50cm ²) / 0.86					Page: 2/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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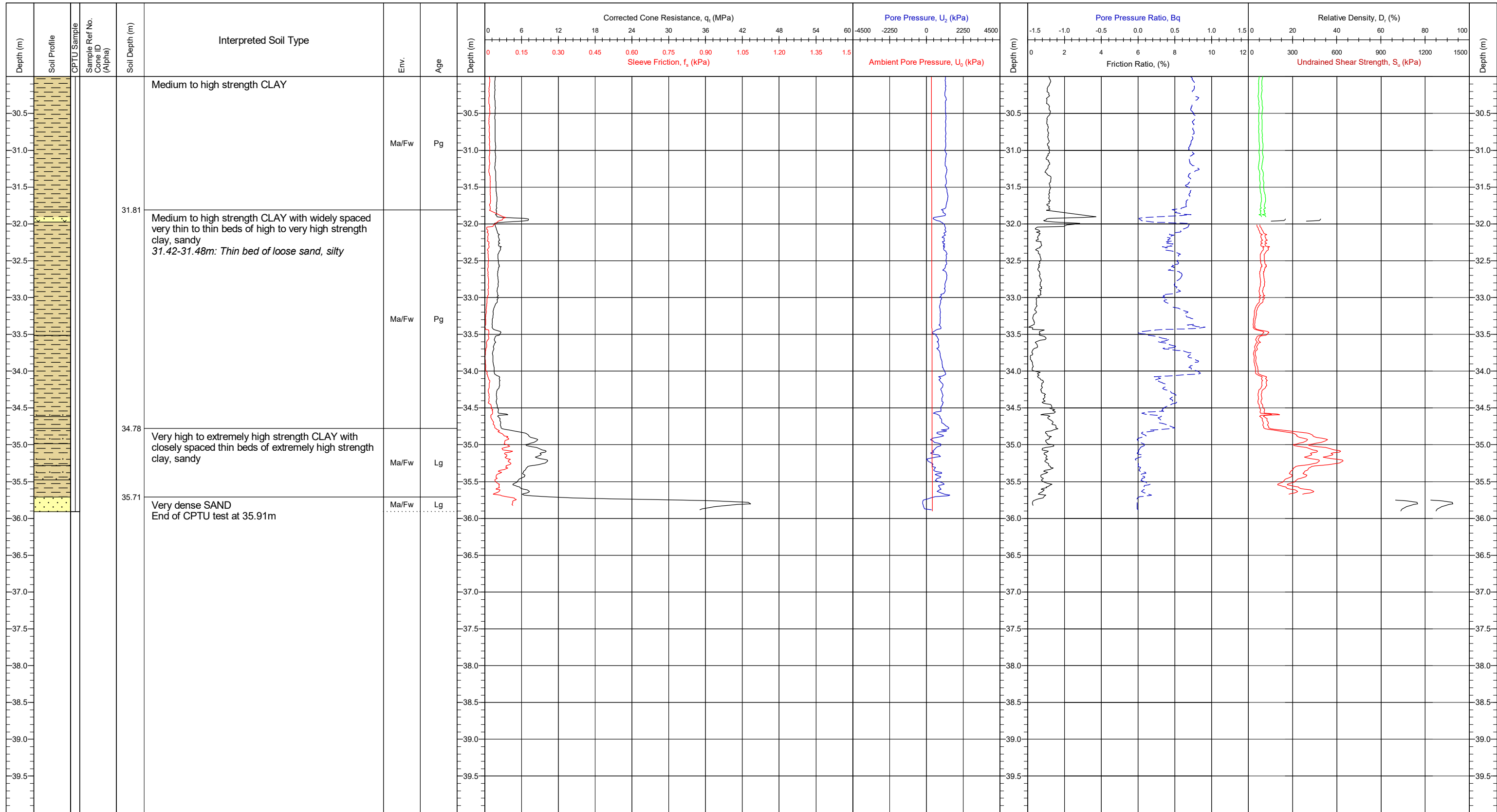
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	671351.3E 6258725.4N	CRS: ETRS89	QC Status			CPT Name CPT13
Contract	11596	Water Depth (mMSL)	29.3	Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	181009 (50cm ³) / 0.86					Page: 3/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



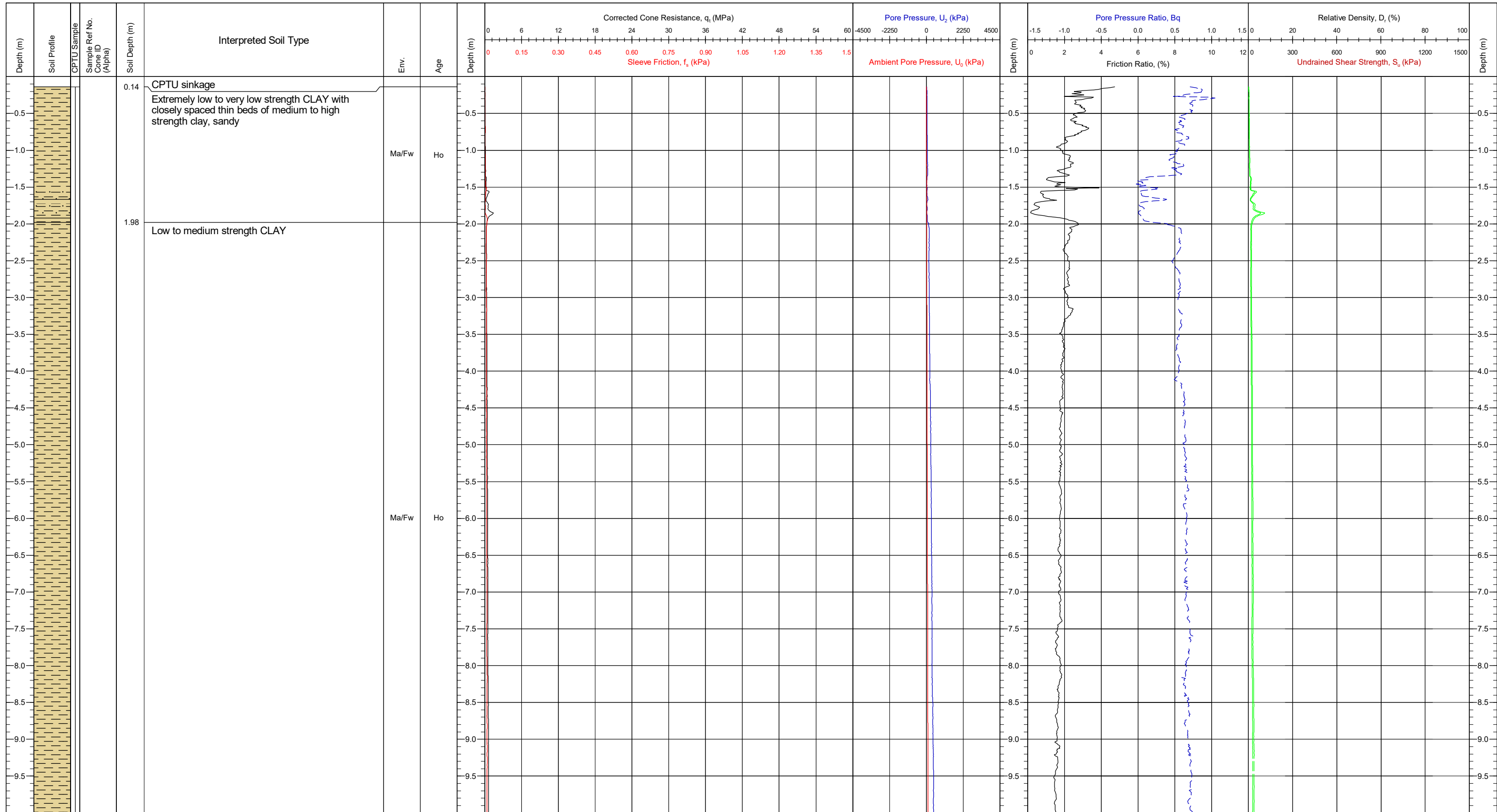
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	671351.3E 6258725.4N	CRS: ETRS89	QC Status			CPT Name CPT13
Contract	11596	Water Depth (mMSL)	29.3	Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181009 (50cm ²) / 0.86					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		Page: 4/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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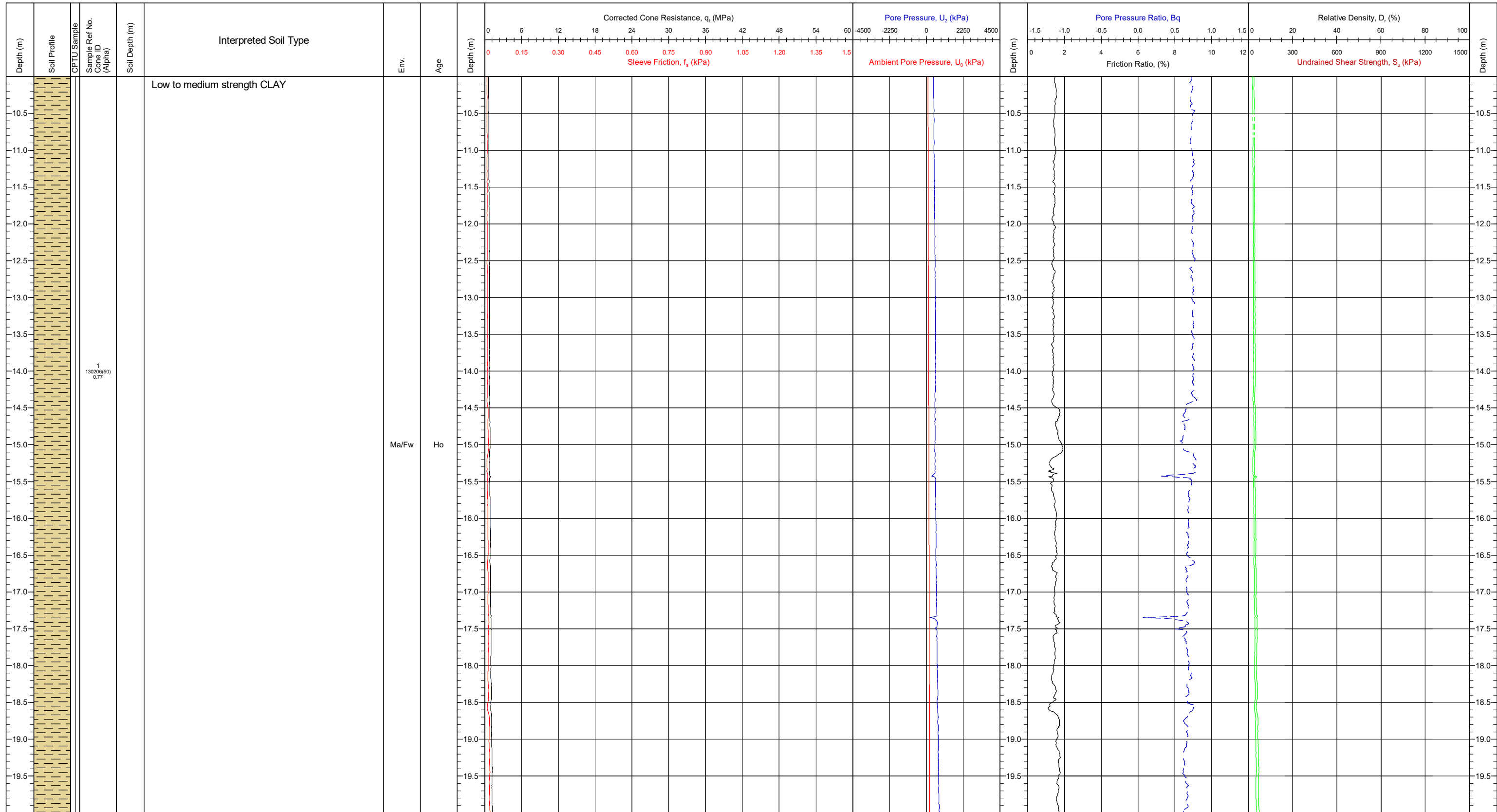
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_c : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676578.2E 6259609.0N	CRS: ETRS89	QC Status			CPT Name CPT14
Contract	11596	Water Depth (mMSL)	32.3	Comments: Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021		JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77					Page: 1/3
Method	20 kN Sea bed CPT	Base Inclination	X = -0.3° / Y = 1.8°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

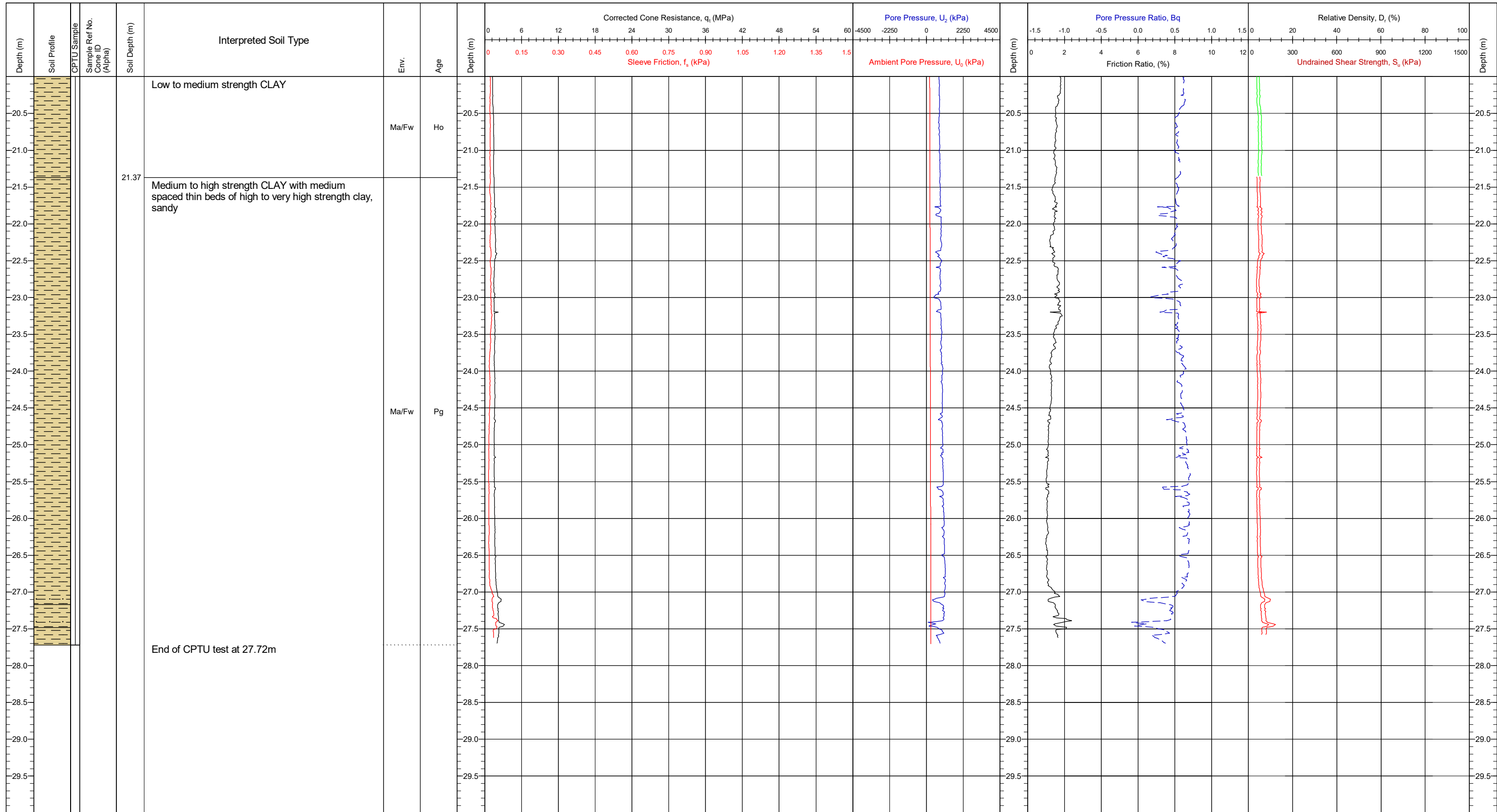
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676578.2E 6259609.0N	CRS: ETRS89	QC Status			CPT Name CPT14
Contract	11596	Water Depth (mMSL)	32.3	Comments: Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021		JK/BC (26/04/2021)	DR (10/06/2021)	SMC (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	130206 (50cm ²) / 0.77					
Method	20 kN Sea bed CPT	Base Inclination	X = -0.3° / Y = 1.8°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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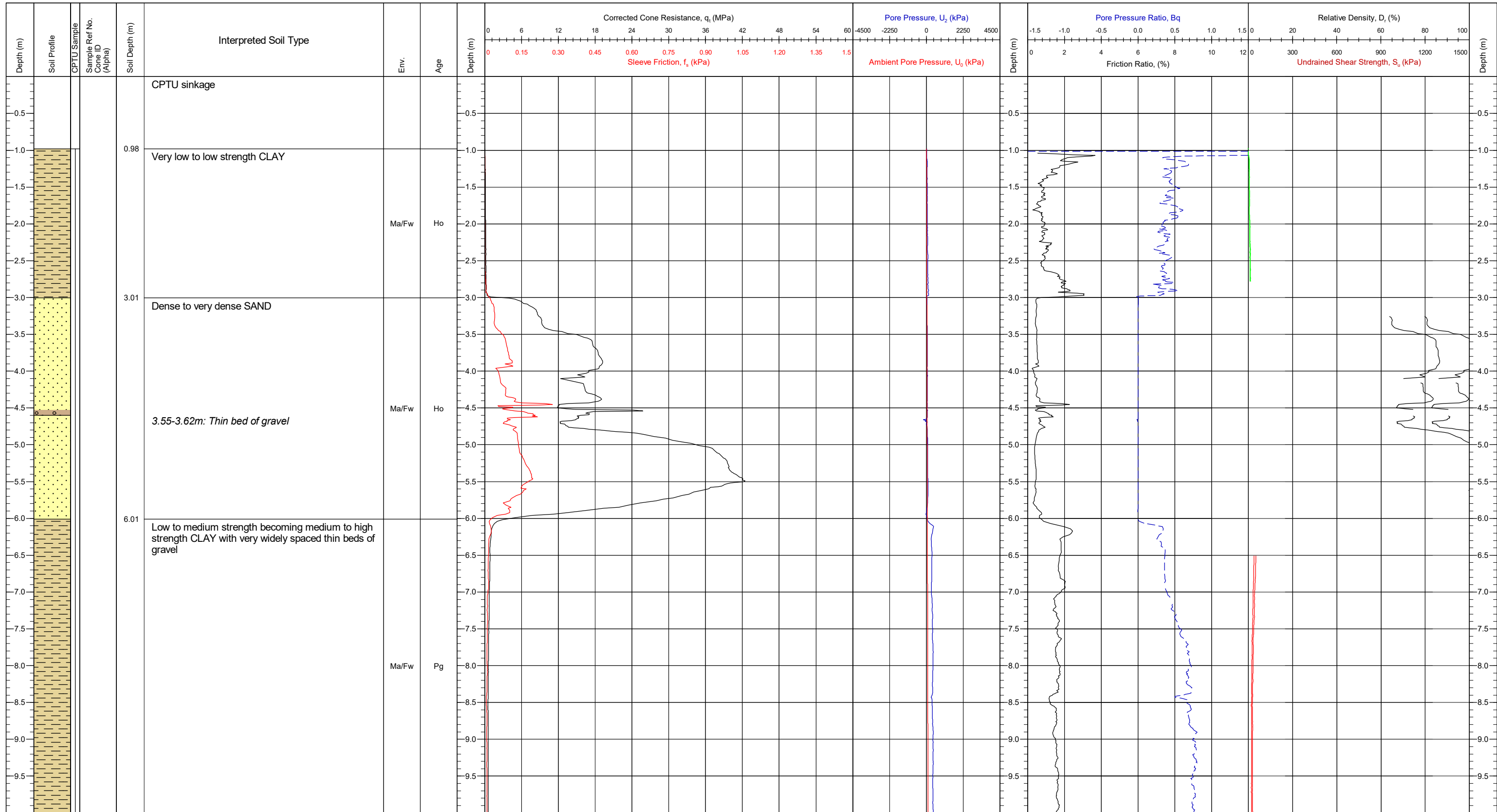
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676578.2E 6259609.0N	CRS: ETRS89	QC Status	CPT Name	
Contract	11596	Water Depth (mMSL)	32.3	Comments: Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination	Preliminary	CPT14	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	26/04/2021		Draft		Final
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77		JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	20 kN Sea bed CPT	Base Inclination	X = -0.3° / Y = 1.8°				Page: 3/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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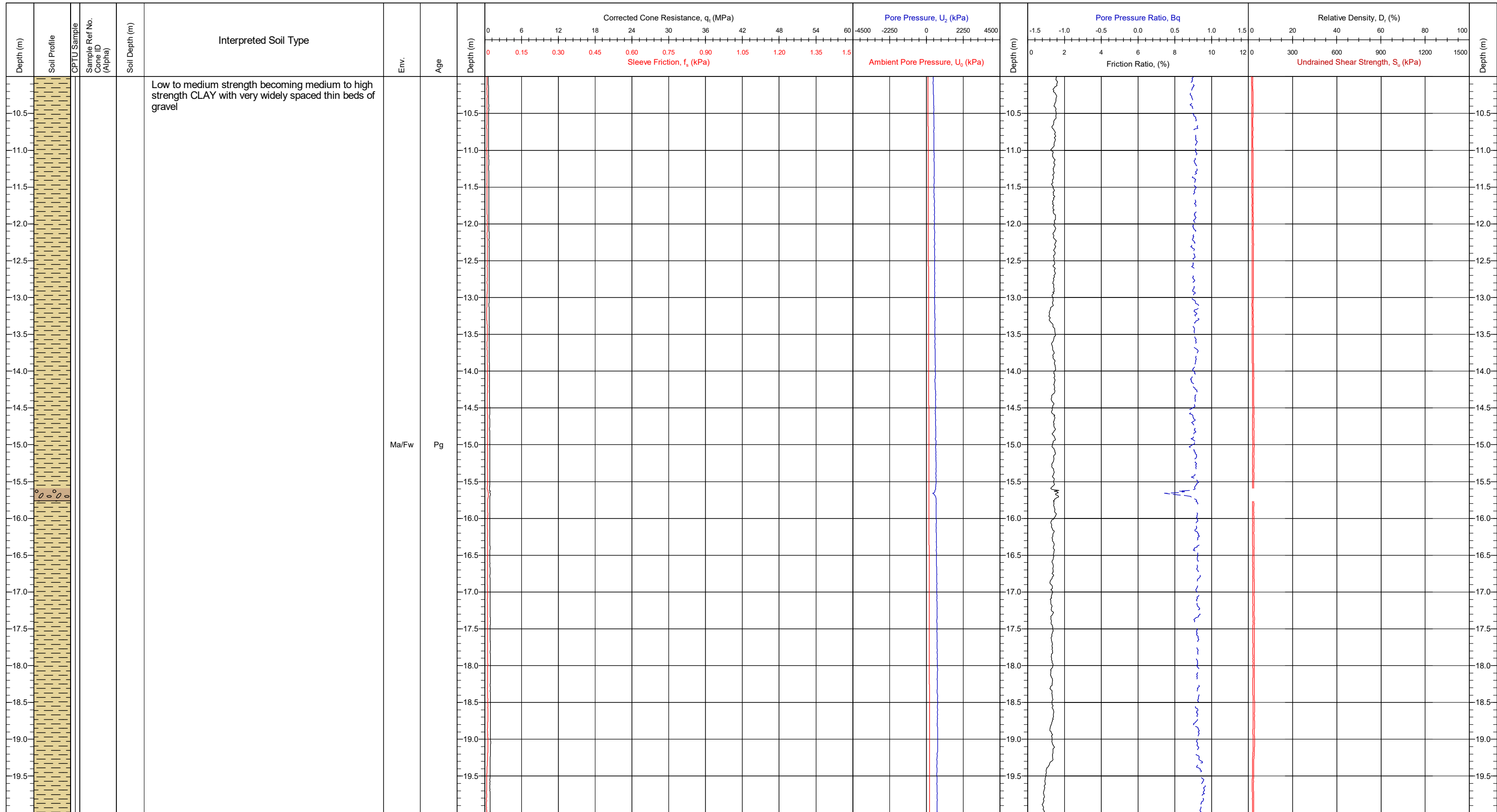
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{v1} : 12.5 - 16.5
 N_{v2} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	668001.6E 6262849.6N	CRS: ETRS89	QC Status			CPT Name CPT15
Contract	11596	Water Depth (mMSL)	29.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ²) / 0.81					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.8°	Page: 1/5				

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



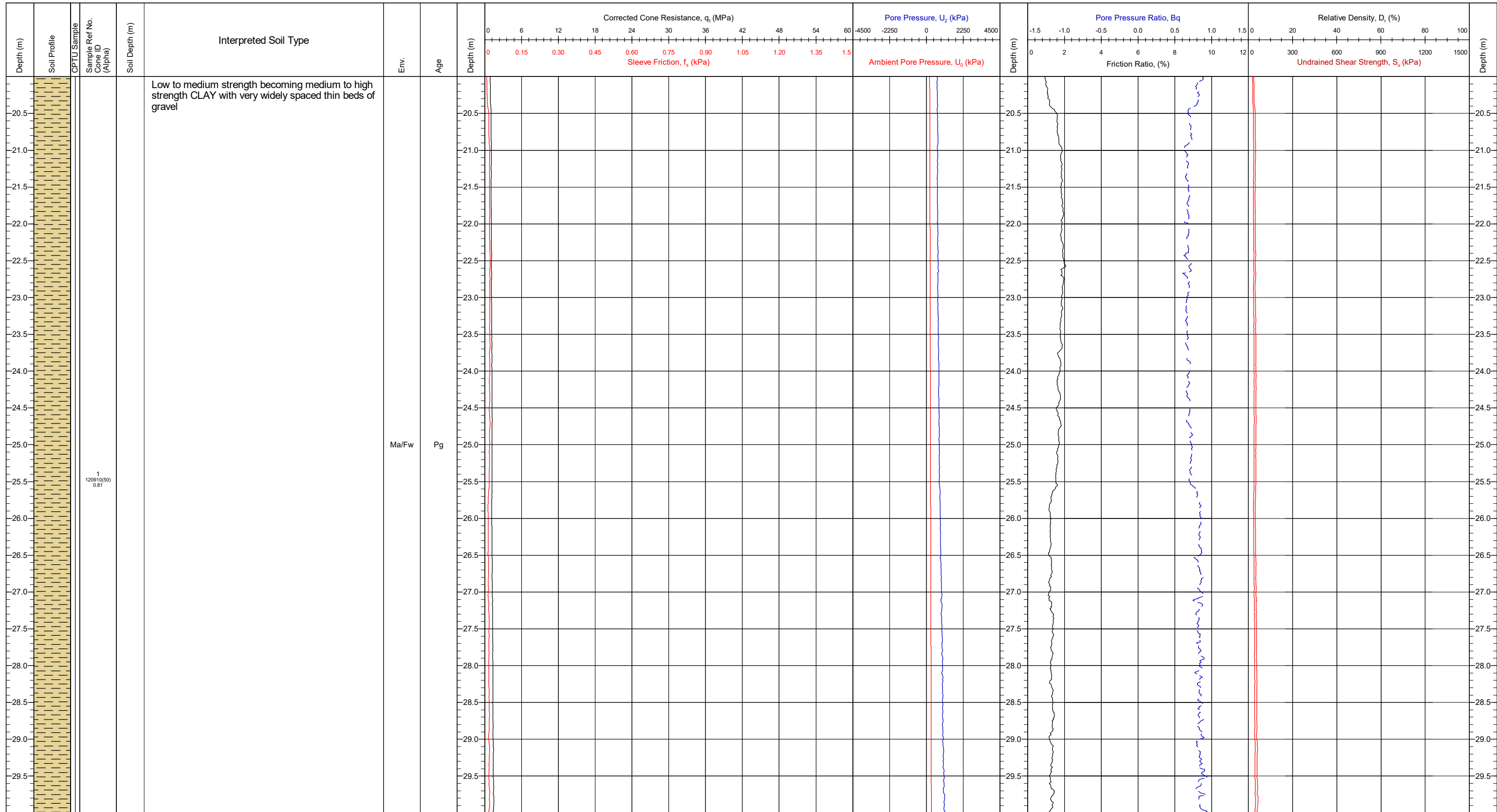
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_s : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	668001.6E 6262849.6N	CRS:	ETRS89	QC Status			CPT Name CPT15	
Contract	11596	Water Depth (mMSL)	29.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ²) / 0.81							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.8°							
							JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 2/5

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



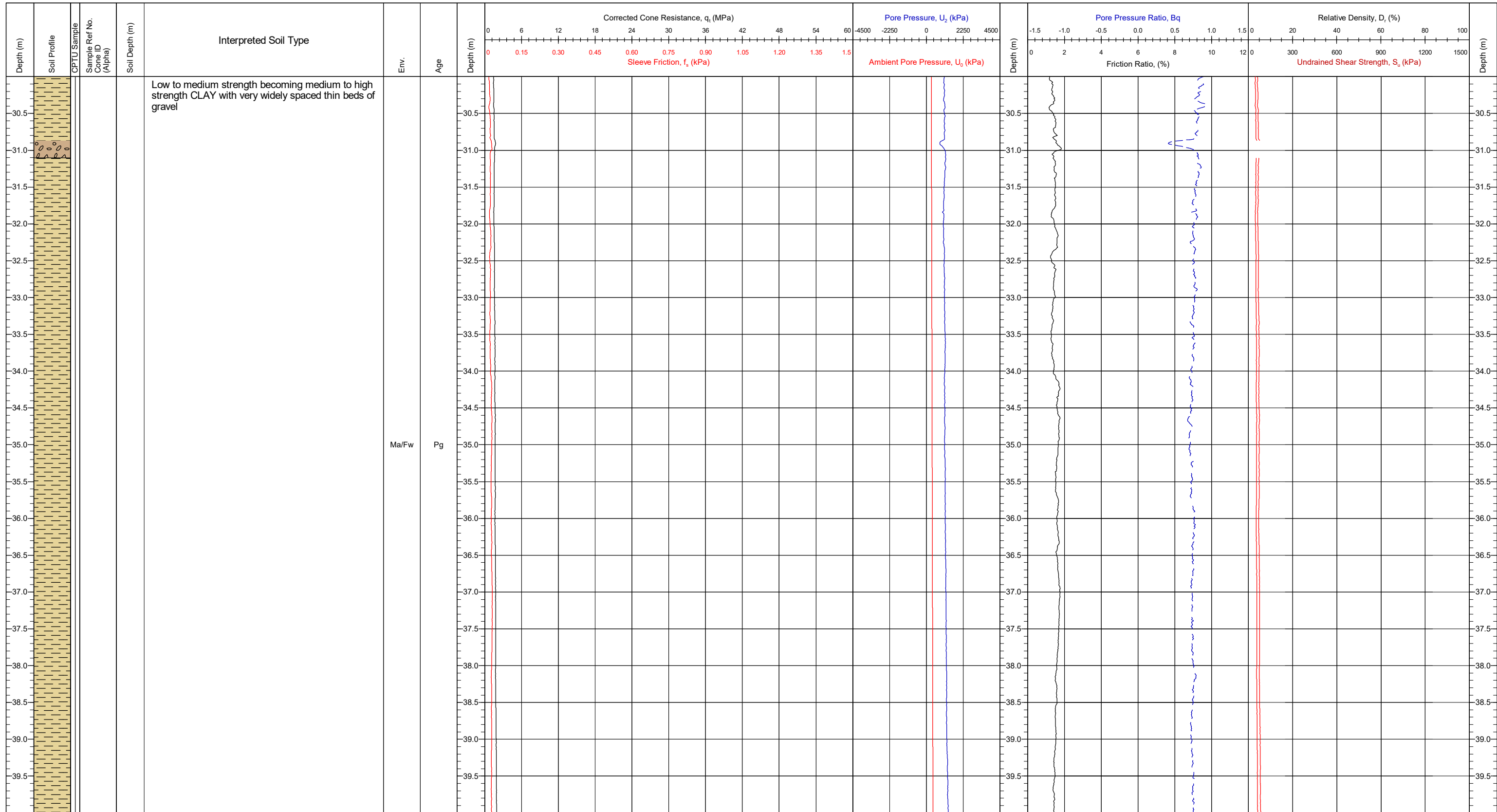
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	668001.6E 6262849.6N	CRS: ETRS89	QC Status			CPT Name CPT15
Contract	11596	Water Depth (mMSL)	29.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ²) / 0.81					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.8°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



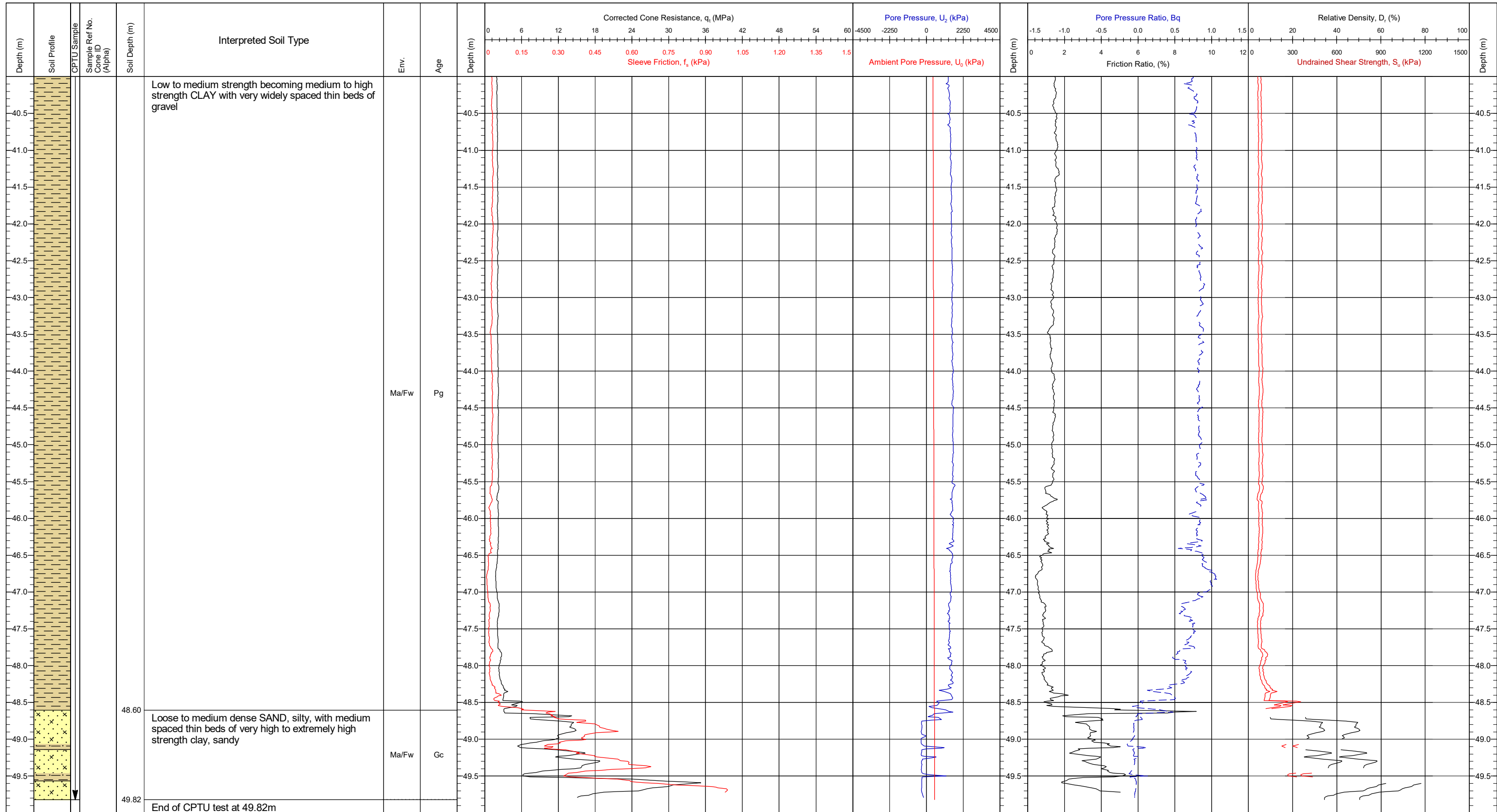
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	668001.6E 6262849.6N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	29.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal	QC Status Preliminary Draft Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ²) / 0.81		JK/BC DR SMc <small>(01/05/2021) (10/06/2021) (10/11/2021)</small>
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.8°		CPT Name CPT15
					Page: 4/5

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



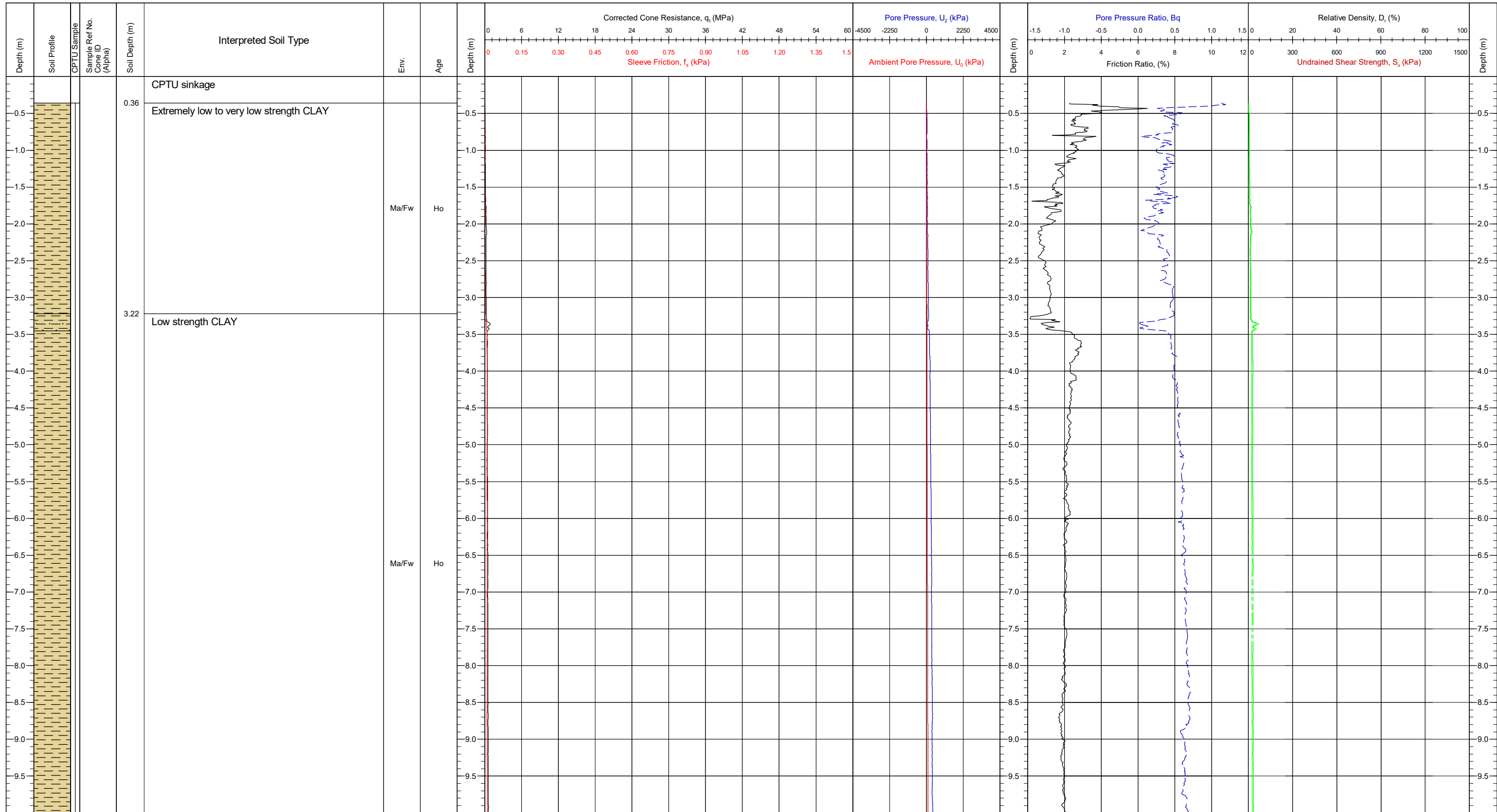
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	668001.6E 6262849.6N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	29.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021						
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120910 (50cm ²) / 0.81				Page: 5/5		
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.8°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



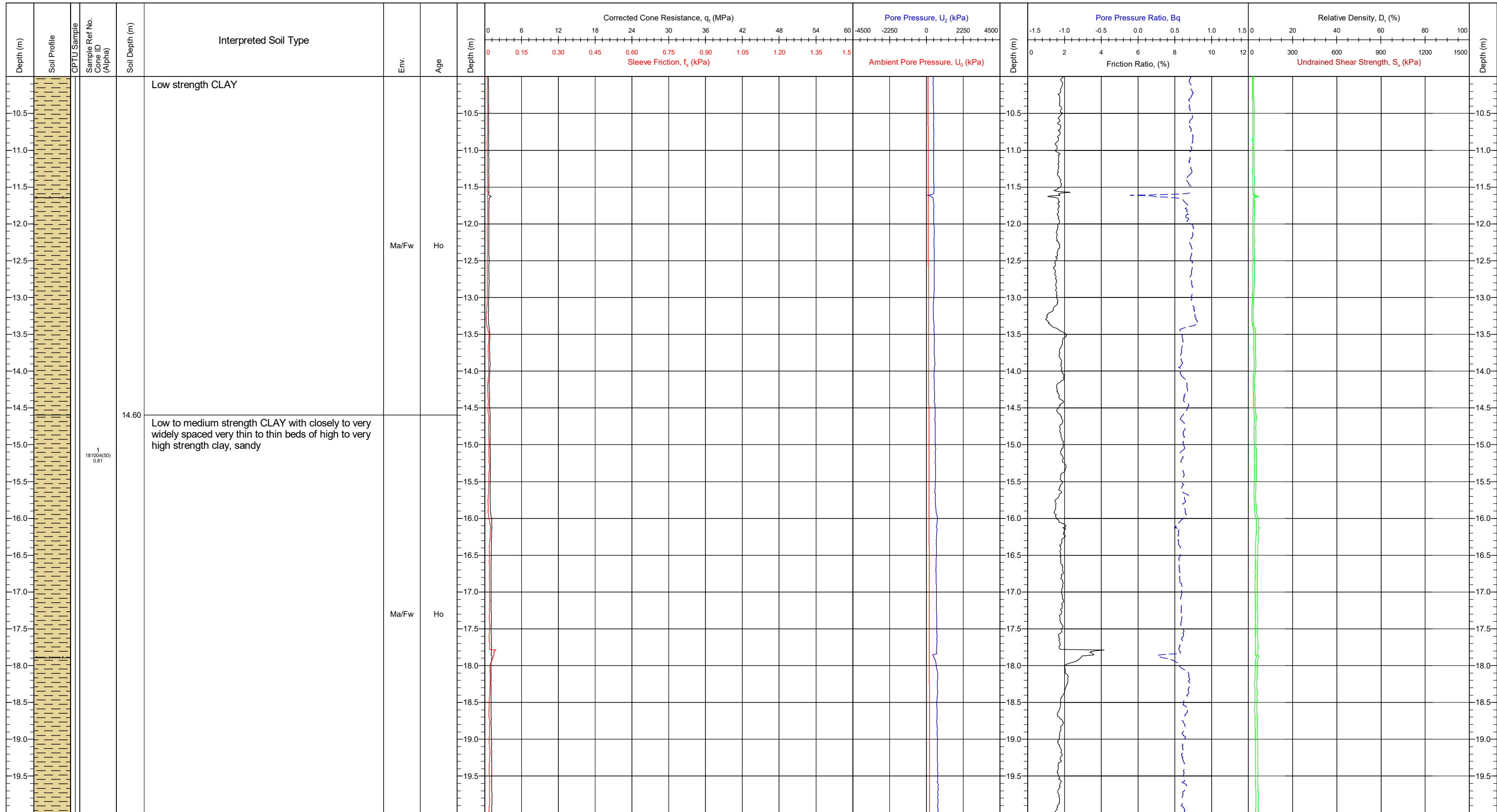
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{cr} : 12.5 - 16.5 N_{cs} : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	672157.8E 6263407.0N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181004 (50cm ²) / 0.81							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°							
							JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 1/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

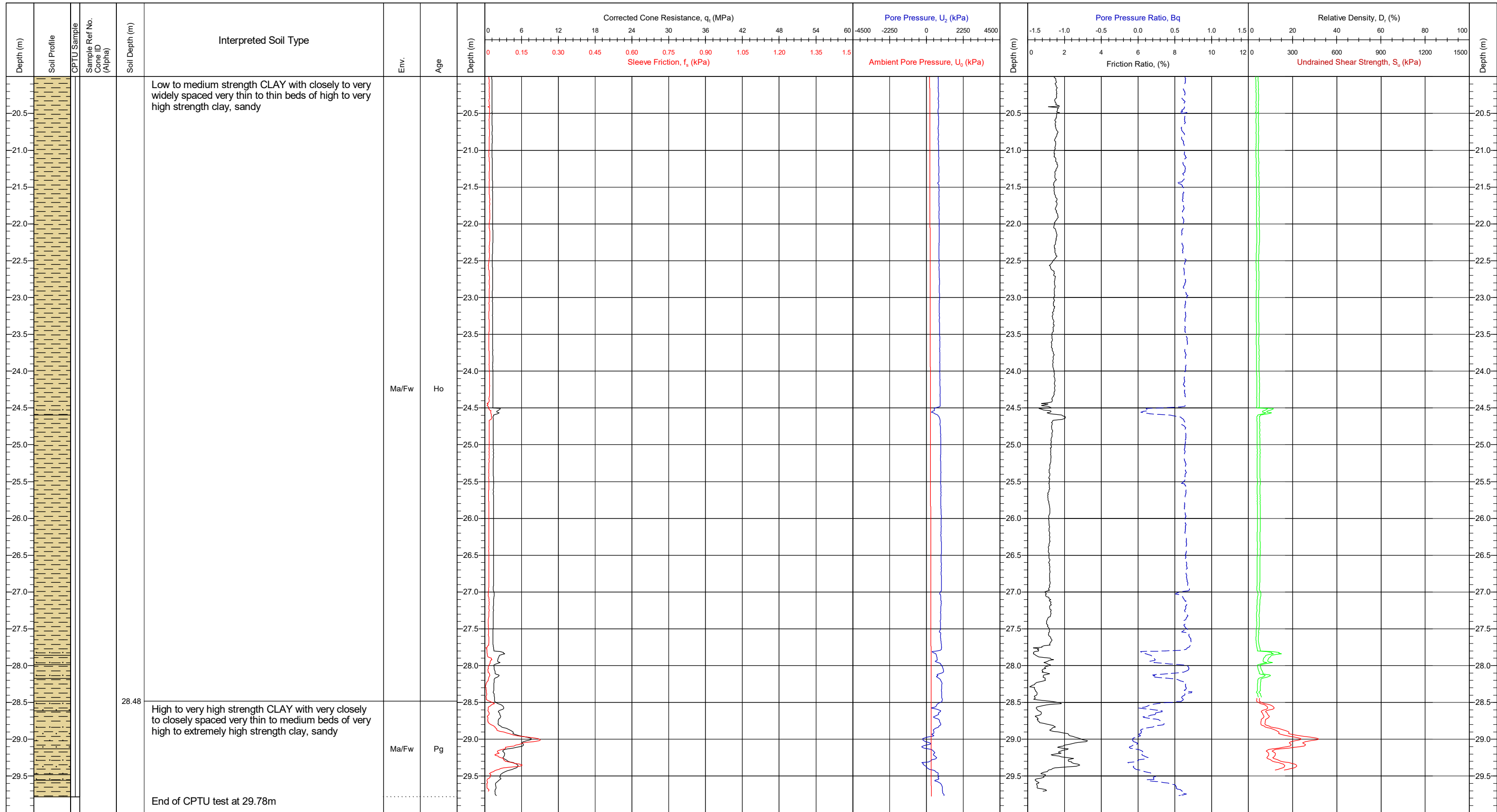
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	672157.8E 6263407.0N	CRS: ETRS89			
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021				
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181004 (50cm ²) / 0.81				
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°				
					QC Status		
					Preliminary	Draft	Final
					JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
					CPT Name		CPT16
							Page: 2/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



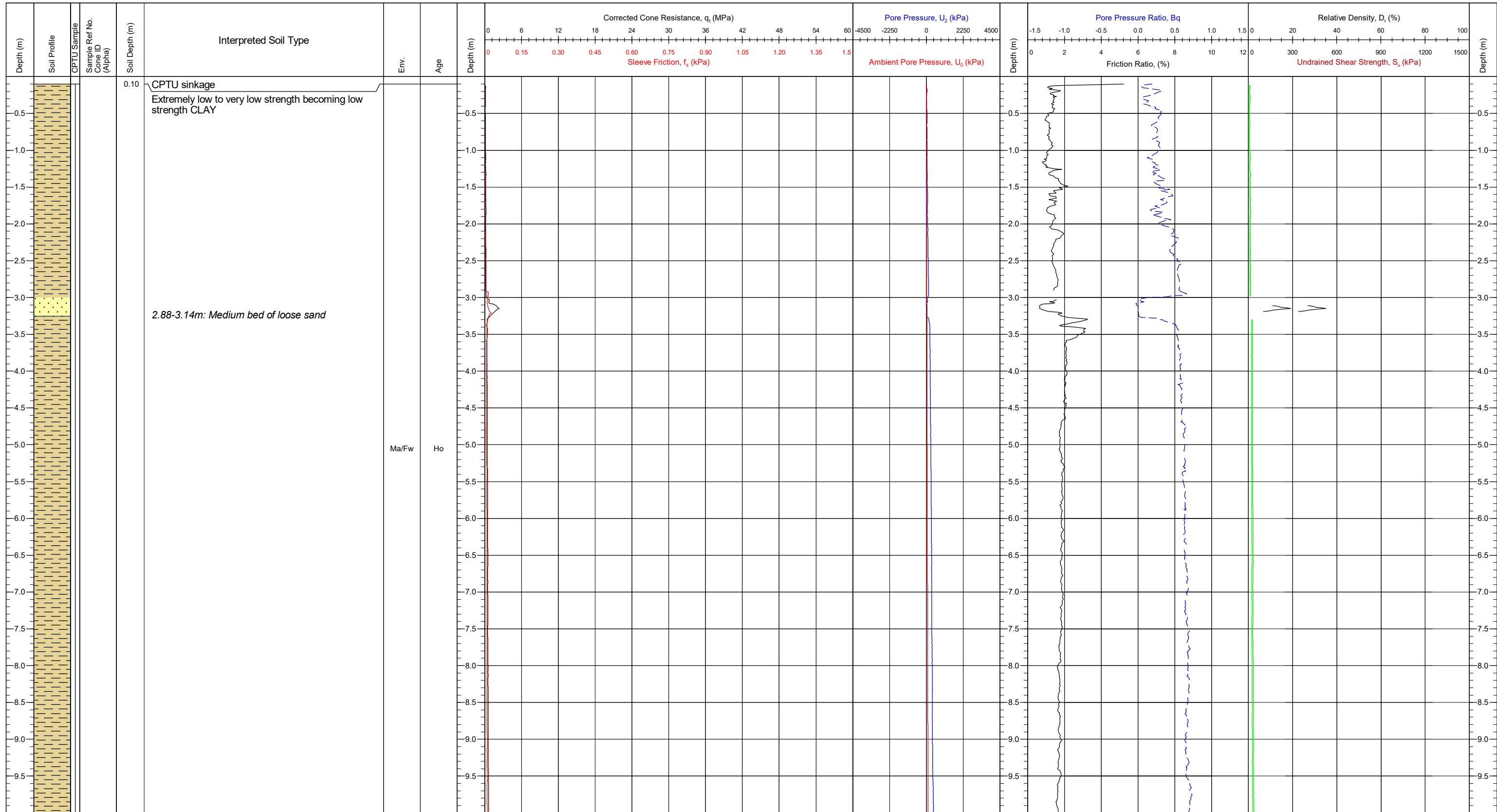
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	672157.8E 6263407.0N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.			Preliminary	Draft	Final	CPT16
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	181004 (50cm ²) / 0.81							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°							
							JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 3/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



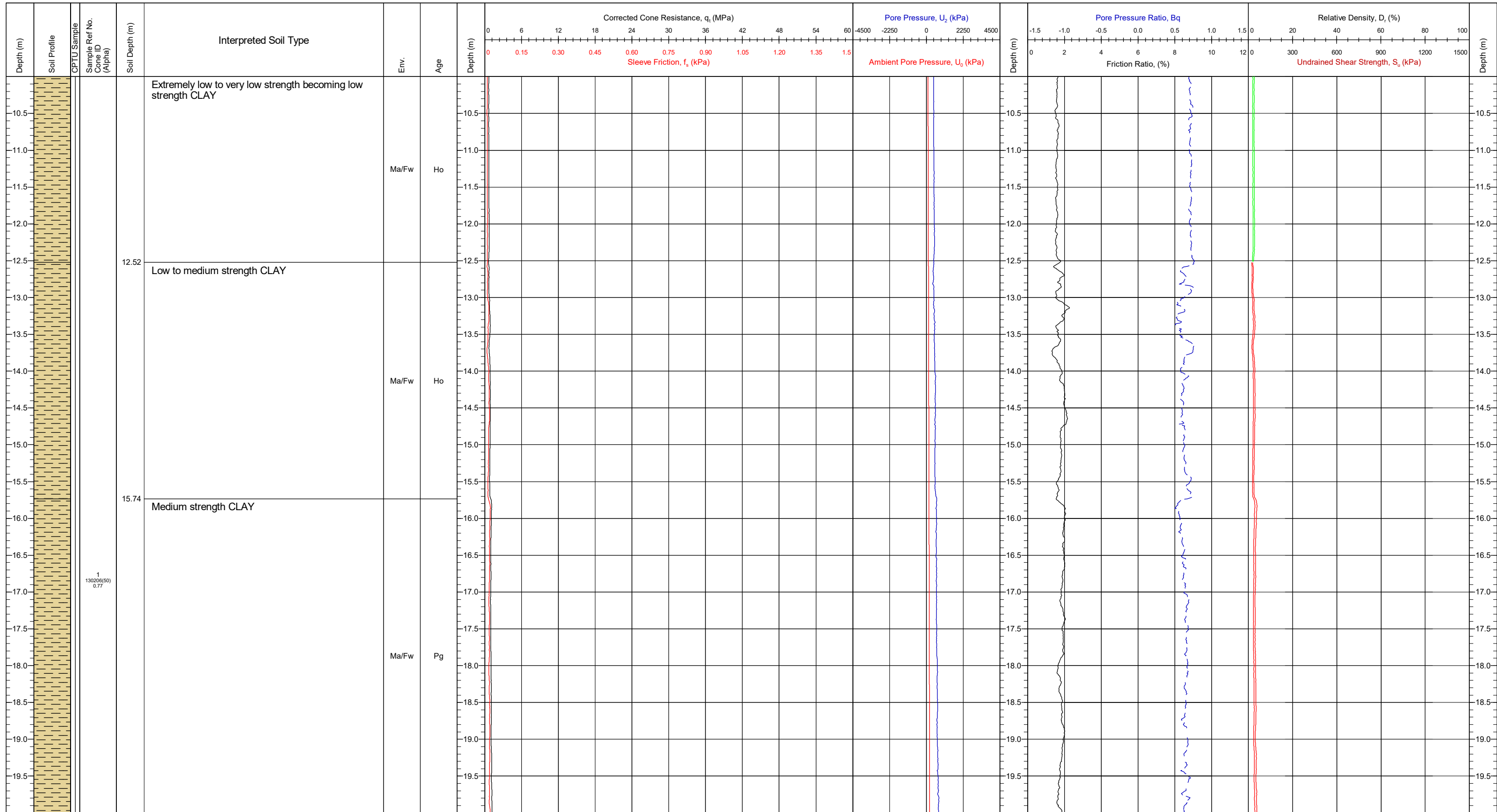
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	672157.0E 6263401.9N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.7	Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical	Preliminary	Draft	Final	CPT16a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	08/05/2021		JK/BC (08/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77					Page: 1/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.0° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



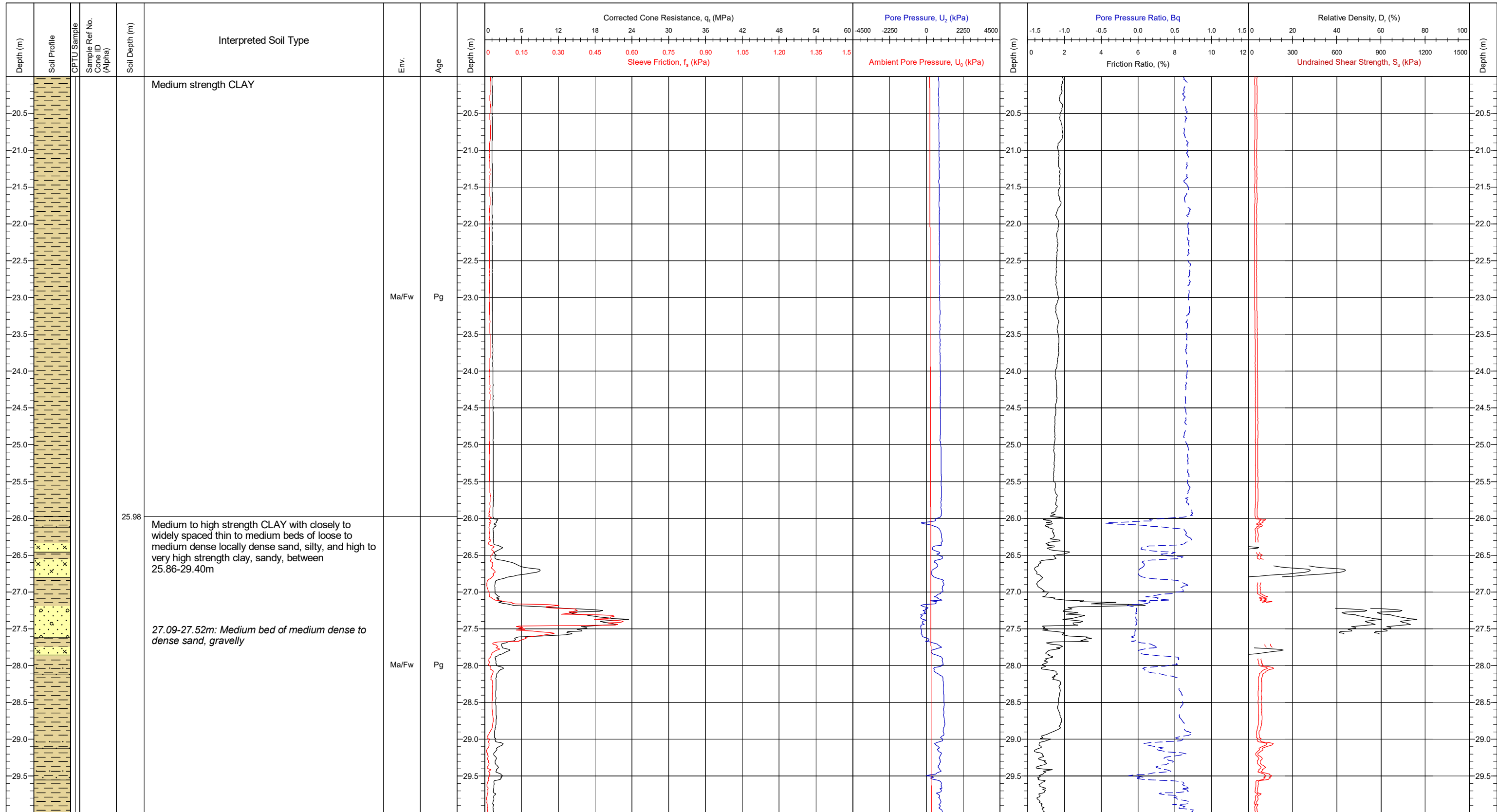
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	672157.0E 6263401.9N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.7	Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical	Preliminary	Draft	Final	CPT16a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	08/05/2021		JK/BC (08/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77					Page: 2/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.0° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



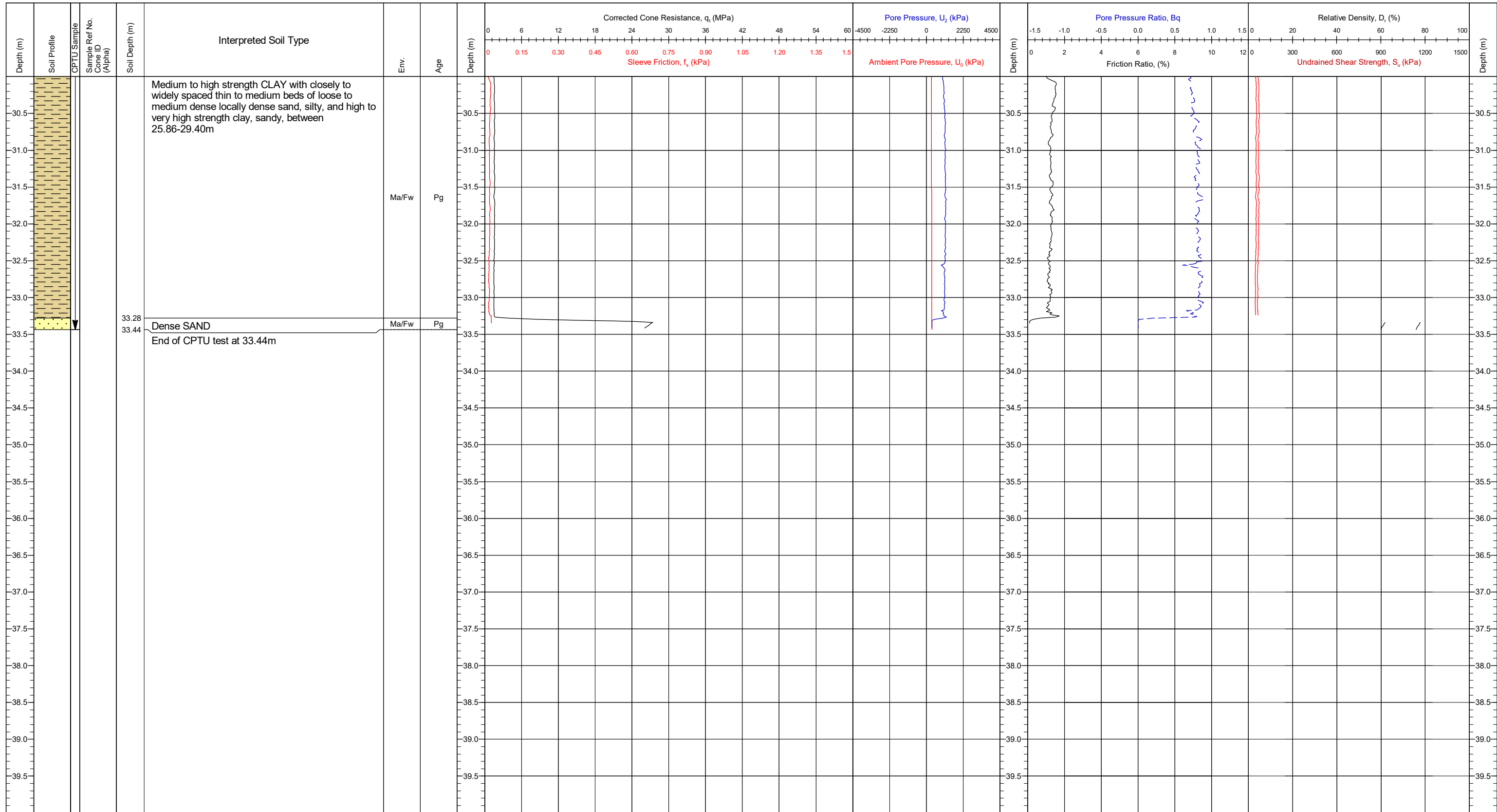
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	672157.0E 6263401.9N	CRS: ETRS89	QC Status			CPT Name CPT16a
Contract	11596	Water Depth (mMSL)	30.7	Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	08/05/2021		JK/BC (08/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	130206 (50cm ²) / 0.77					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.0° / Y = 1.0°		Page: 3/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

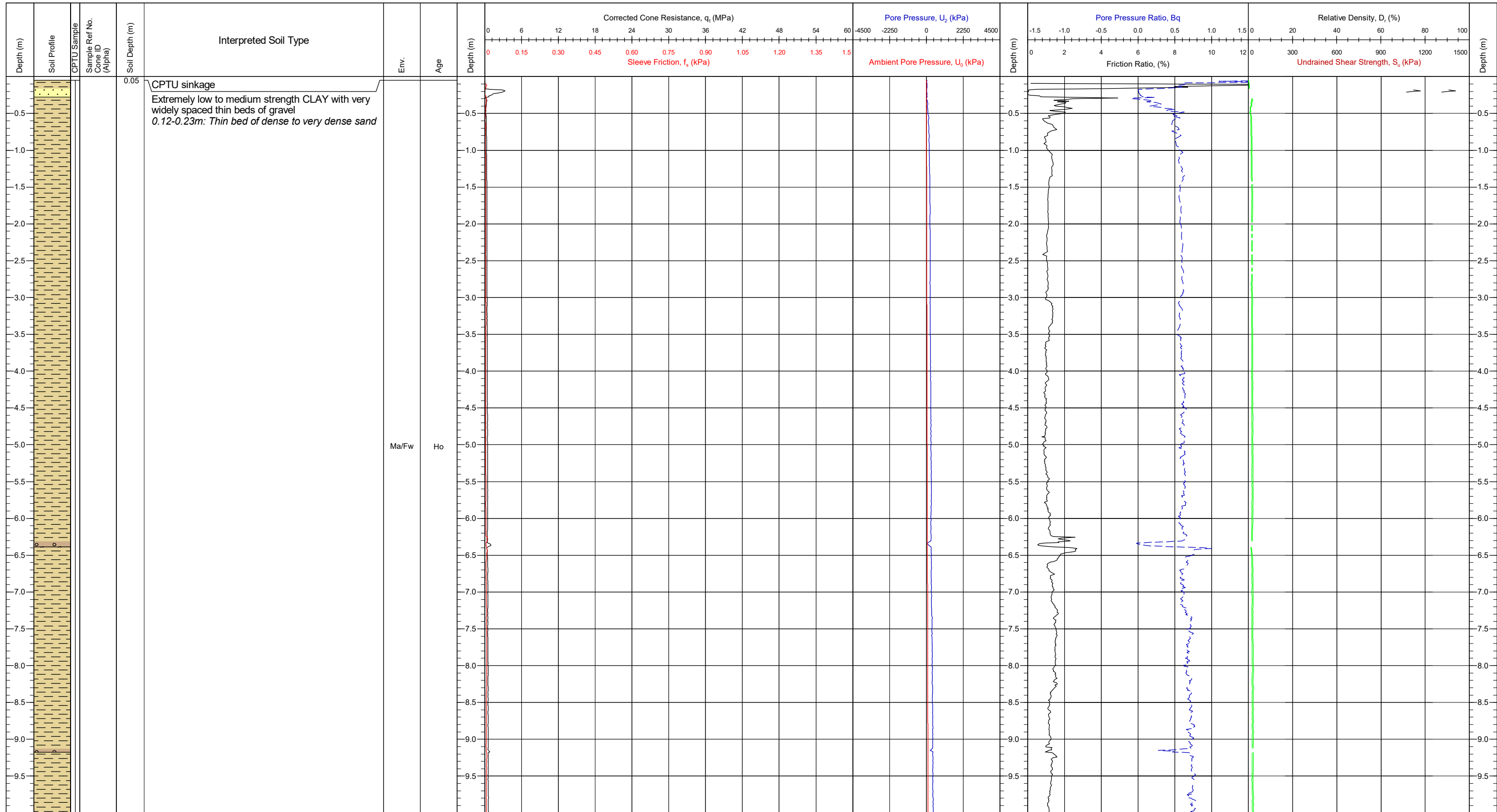
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	672157.0E 6263401.9N	CRS: ETRS89	QC Status	CPT Name
Contract	11596	Water Depth (mMSL)	30.7	Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical	Preliminary	CPT16a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	08/05/2021		Draft	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77		Final	
Method	20 kN Sea bed CPT	Base Inclination	X = 1.0° / Y = 1.0°		JK/BC (08/05/2021)	
						Page: 4/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



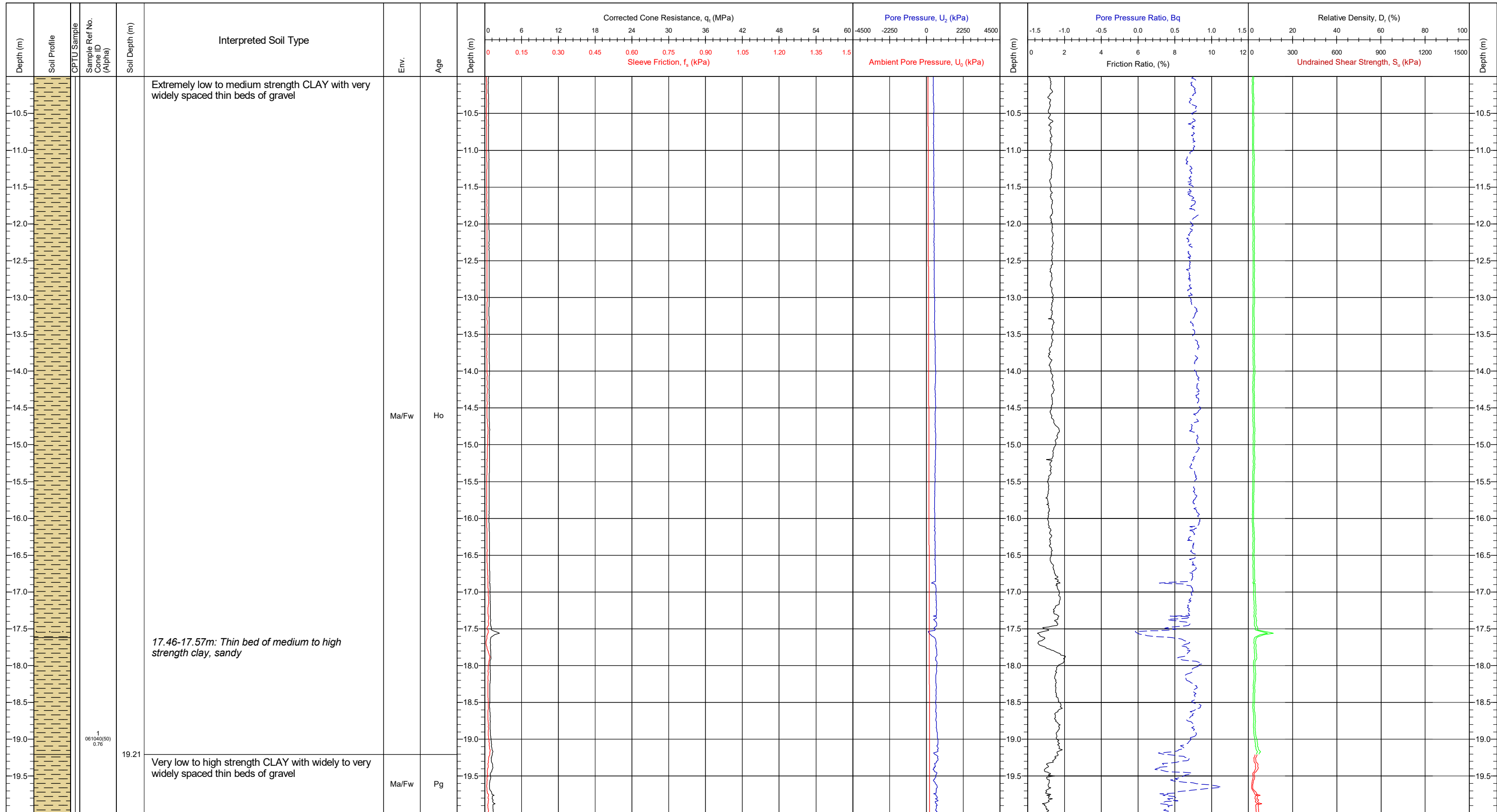
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	677169.5E 6263055.4N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	32.3	Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021				JK/BC	DR	SMc	Page: 1/4
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	061040 (50cm ²) / 0.76				(25/04/2021)	(10/06/2021)	(10/11/2021)	
Method	20 kN Sea bed CPT	Base Inclination	X = -2.0° / Y = 3.9°							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



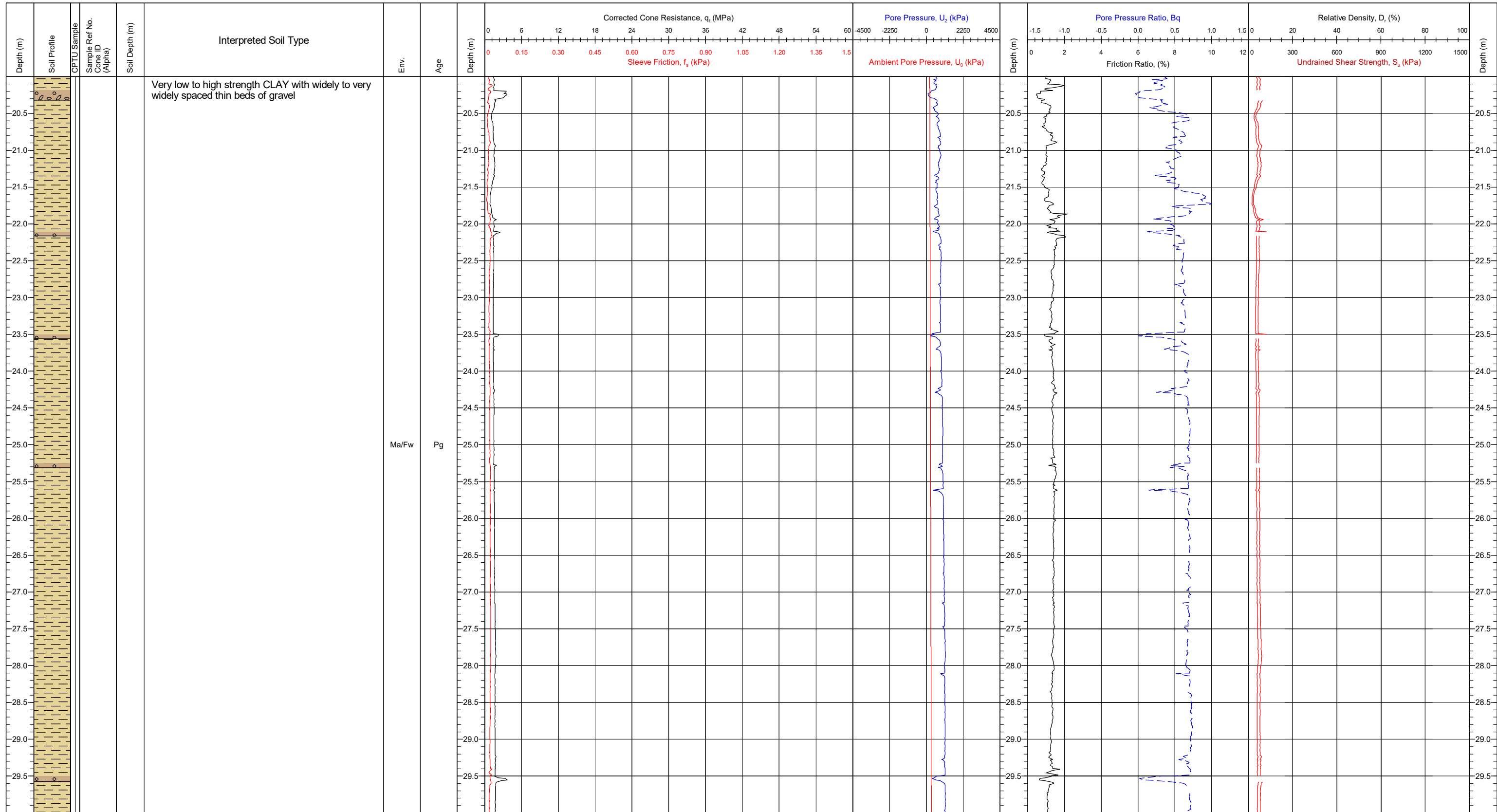
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	677169.5E 6263055.4N	CRS: ETRS89	QC Status			CPT Name CPT18
Contract	11596	Water Depth (mMSL)	32.3	Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	061040 (50cm ²) / 0.76					
Method	20 kN Sea bed CPT	Base Inclination	X = -2.0° / Y = 3.9°		Page: 2/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



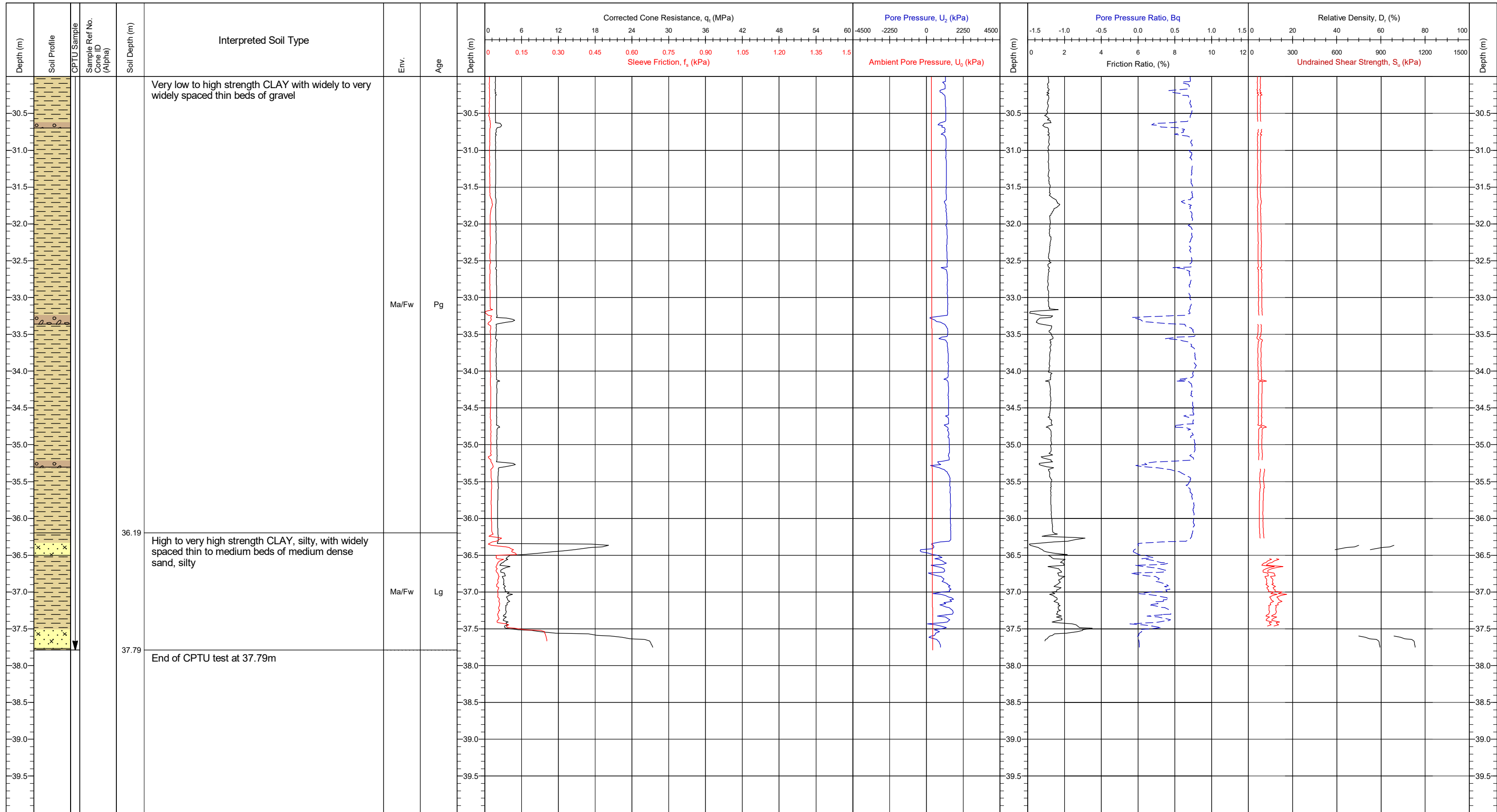
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	677169.5E 6263055.4N	CRS:	ETRS89	QC Status			CPT Name CPT18
Contract	11596	Water Depth (mMSL)	32.3	Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021						
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	061040 (50cm ³) / 0.76						
Method	20 kN Sea bed CPT	Base Inclination	X = -2.0° / Y = 3.9°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



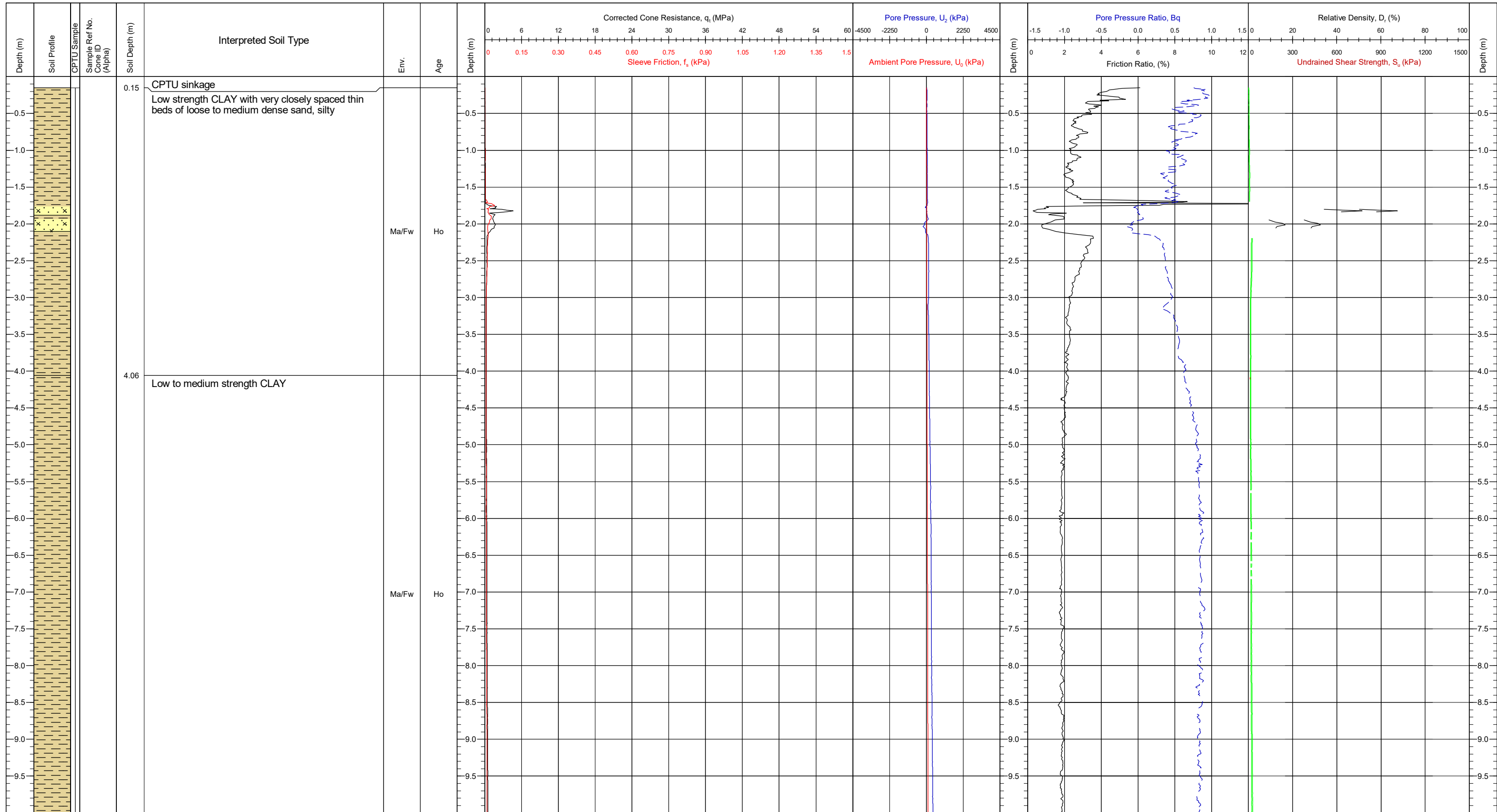
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	677169.5E 6263055.4N	CRS: ETRS89	QC Status			CPT Name CPT18
Contract	11596	Water Depth (mMSL)	32.3	Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	061040 (50cm ²) / 0.76					
Method	20 kN Sea bed CPT	Base Inclination	X = -2.0° / Y = 3.9°		Page: 4/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

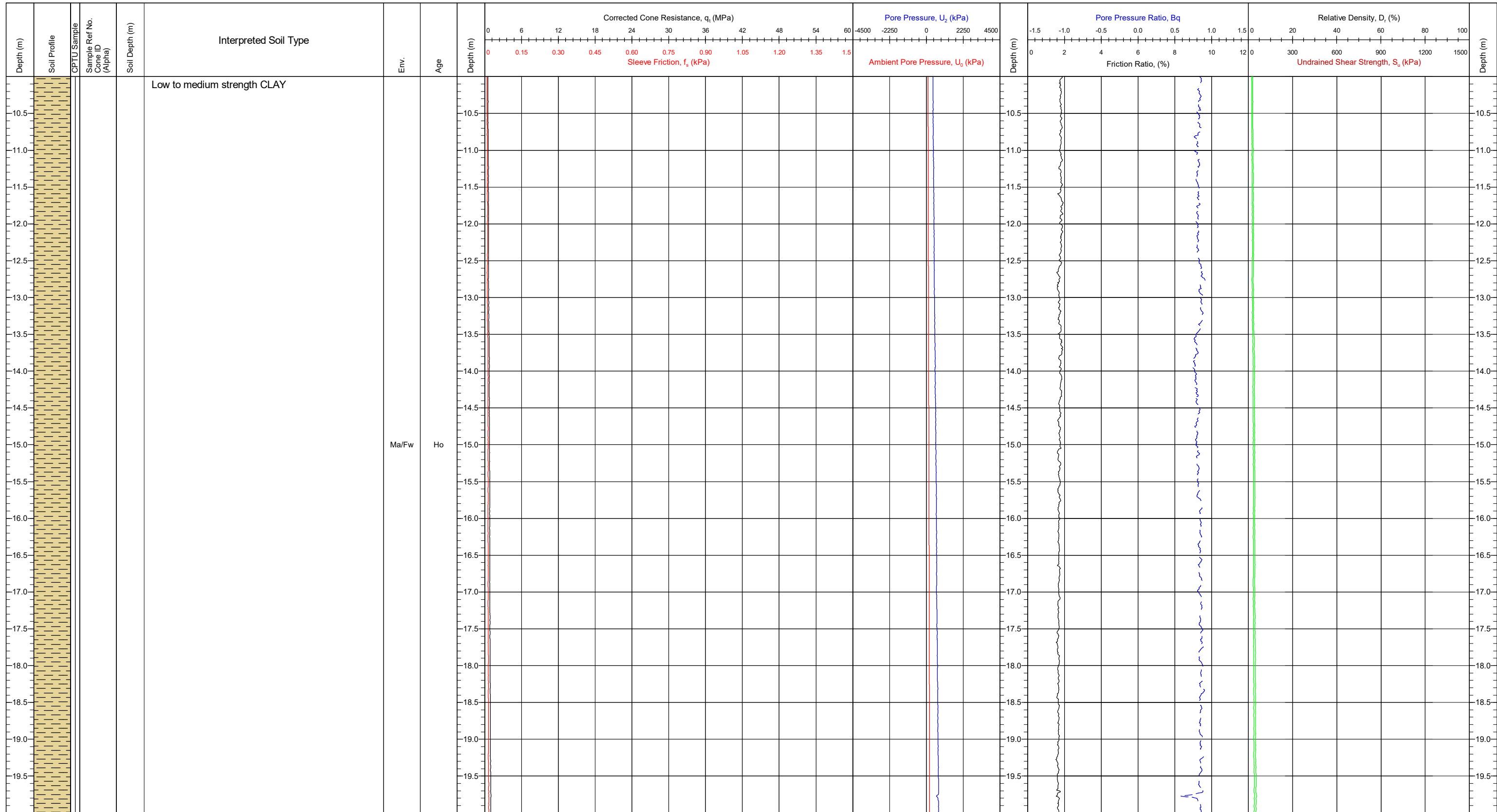
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_s : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673775.6E 6266929.1N	CRS: ETRS89	QC Status			CPT Name CPT20
Contract	11596	Water Depth (mMSL)	31.5	Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120829 (50cm ²) / 0.80					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = -0.1°		Page: 1/5			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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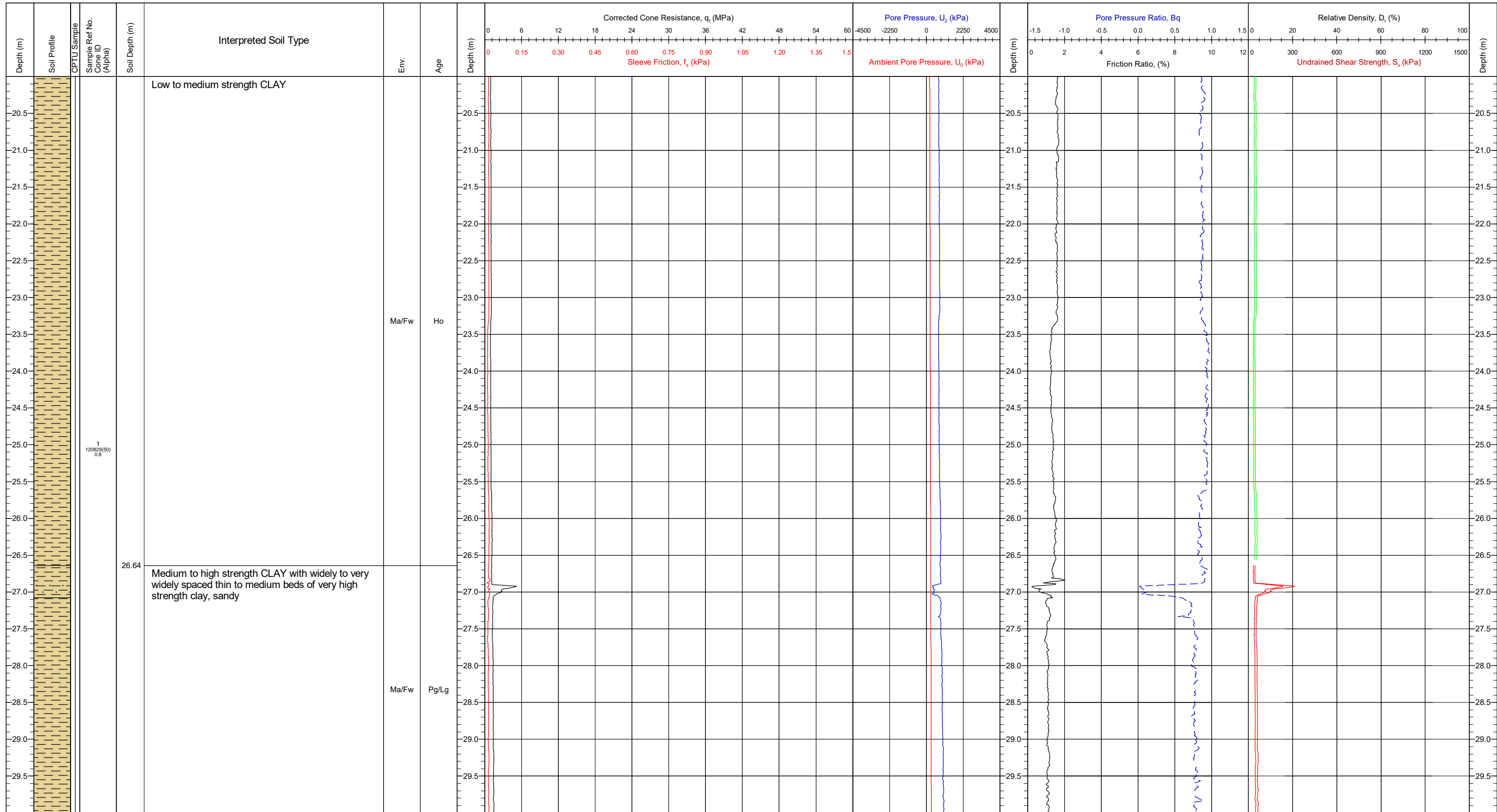
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673775.6E 6266929.1N	CRS: ETRS89	QC Status			CPT Name CPT20
Contract	11596	Water Depth (mMSL)	31.5	Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMC (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	120829 (50cm ²) / 0.80					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = -0.1°					
								Page: 2/5

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

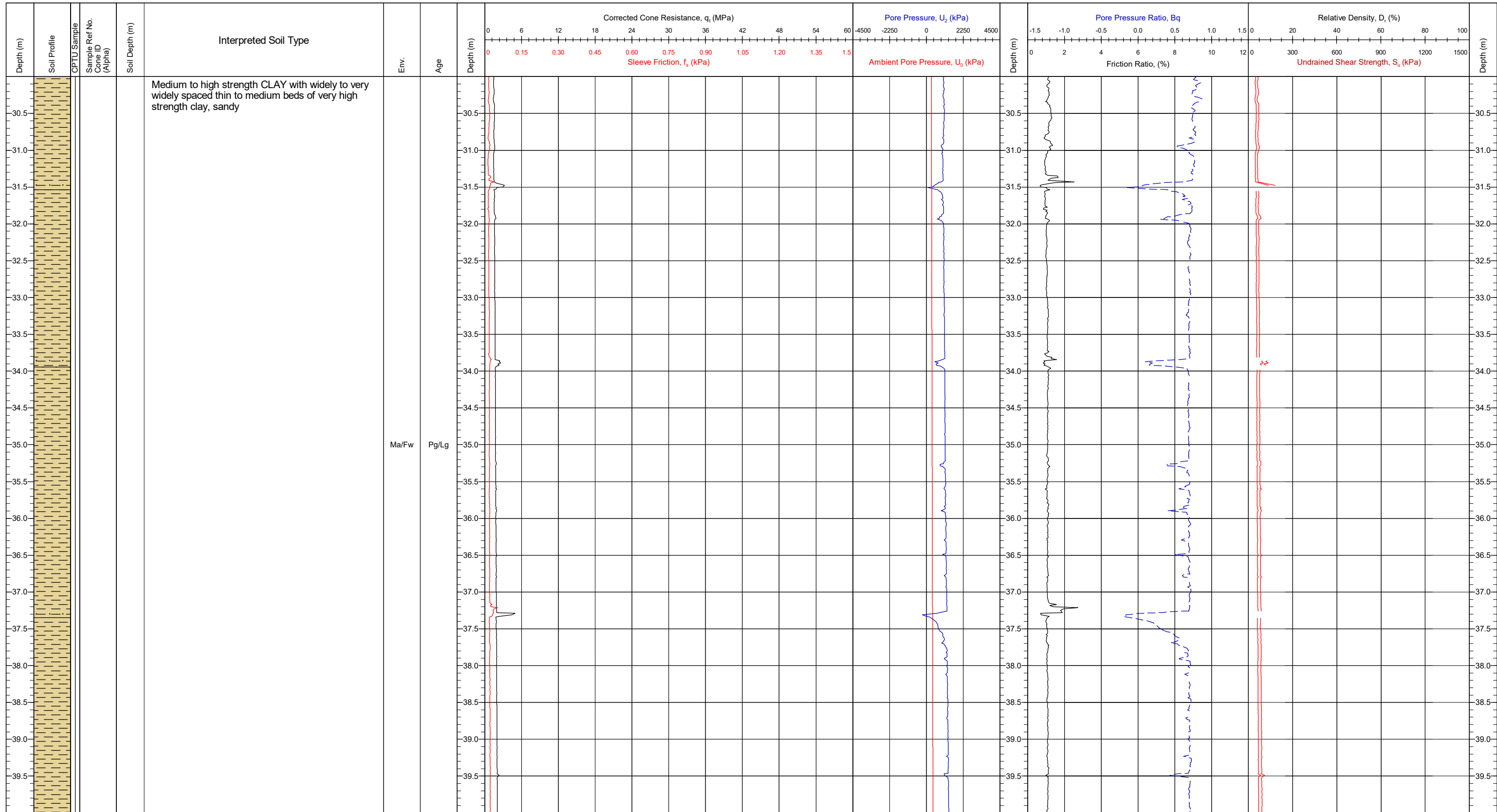
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673775.6E 6266929.1N	CRS: ETRS89	QC Status			CPT Name CPT20
Contract	11596	Water Depth (mMSL)	31.5	Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMC (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	120829 (50cm ²) / 0.80					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = -0.1°					
					Page: 3/5			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



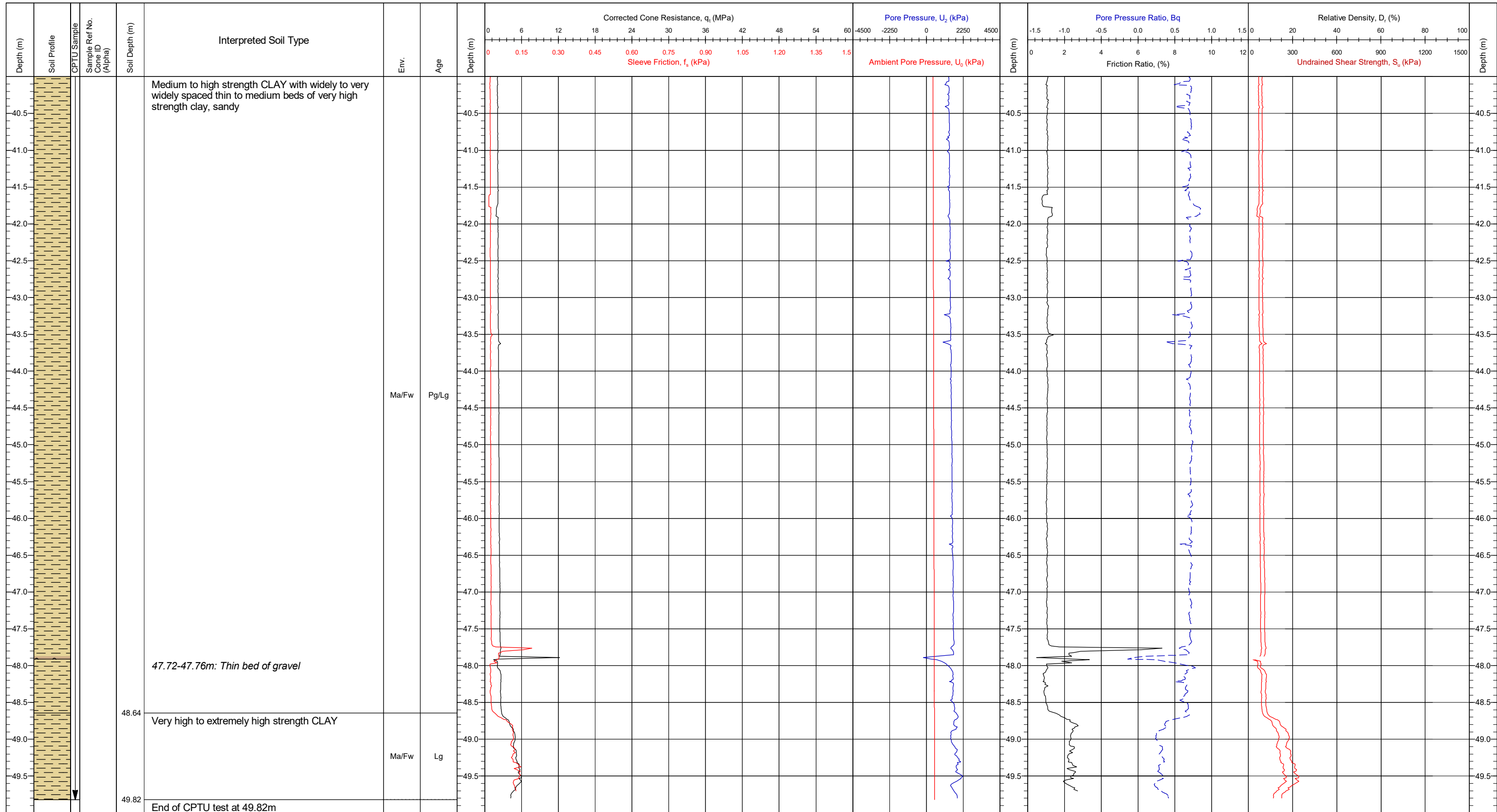
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	673775.6E 6266929.1N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.5	Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	120829 (50cm ³) / 0.80					Page: 4/5
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = -0.1°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

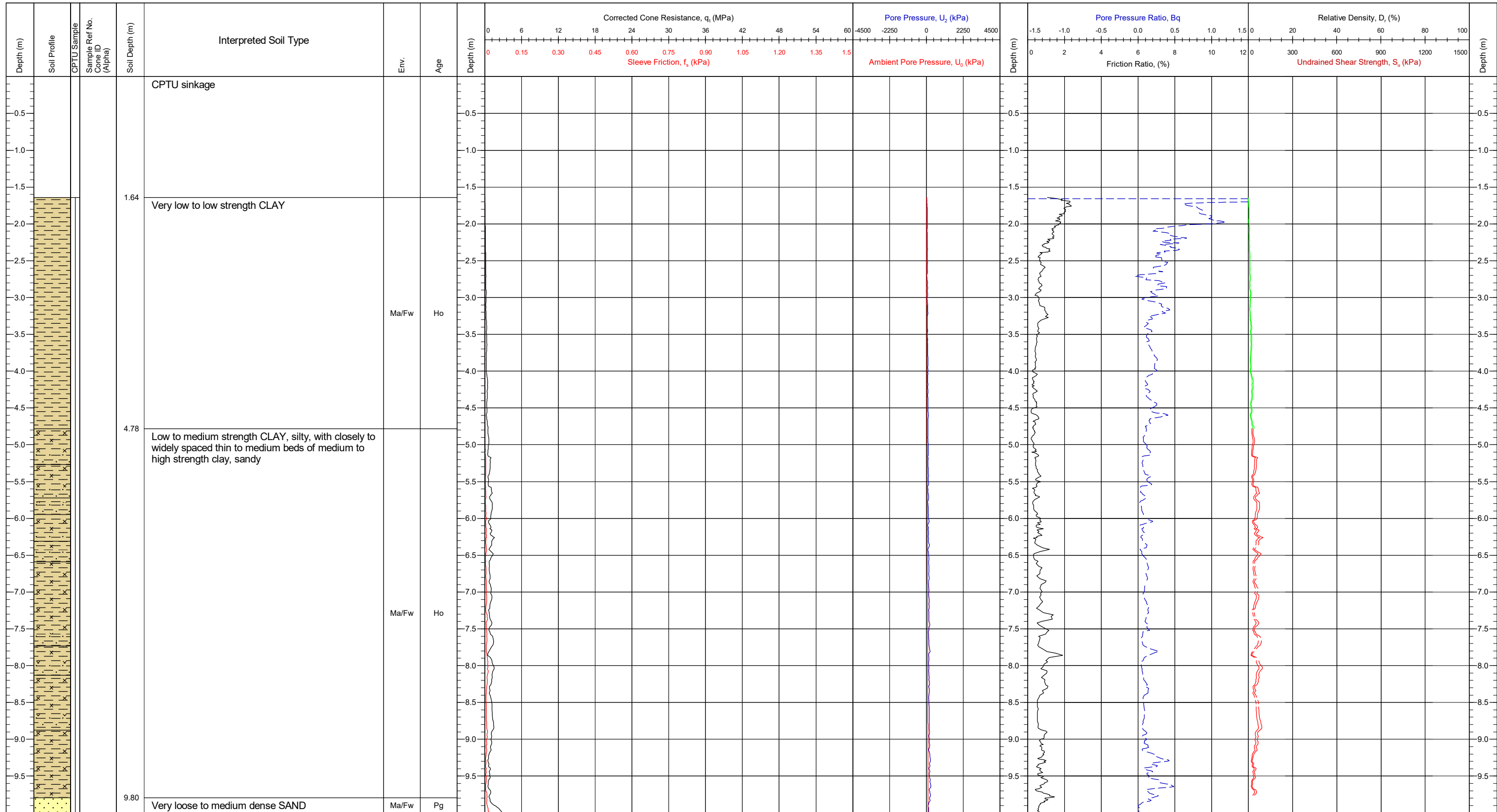
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673775.6E 6266929.1N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.5	Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	120829 (50cm ²) / 0.80					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.1° / Y = -0.1°		Page: 5/5			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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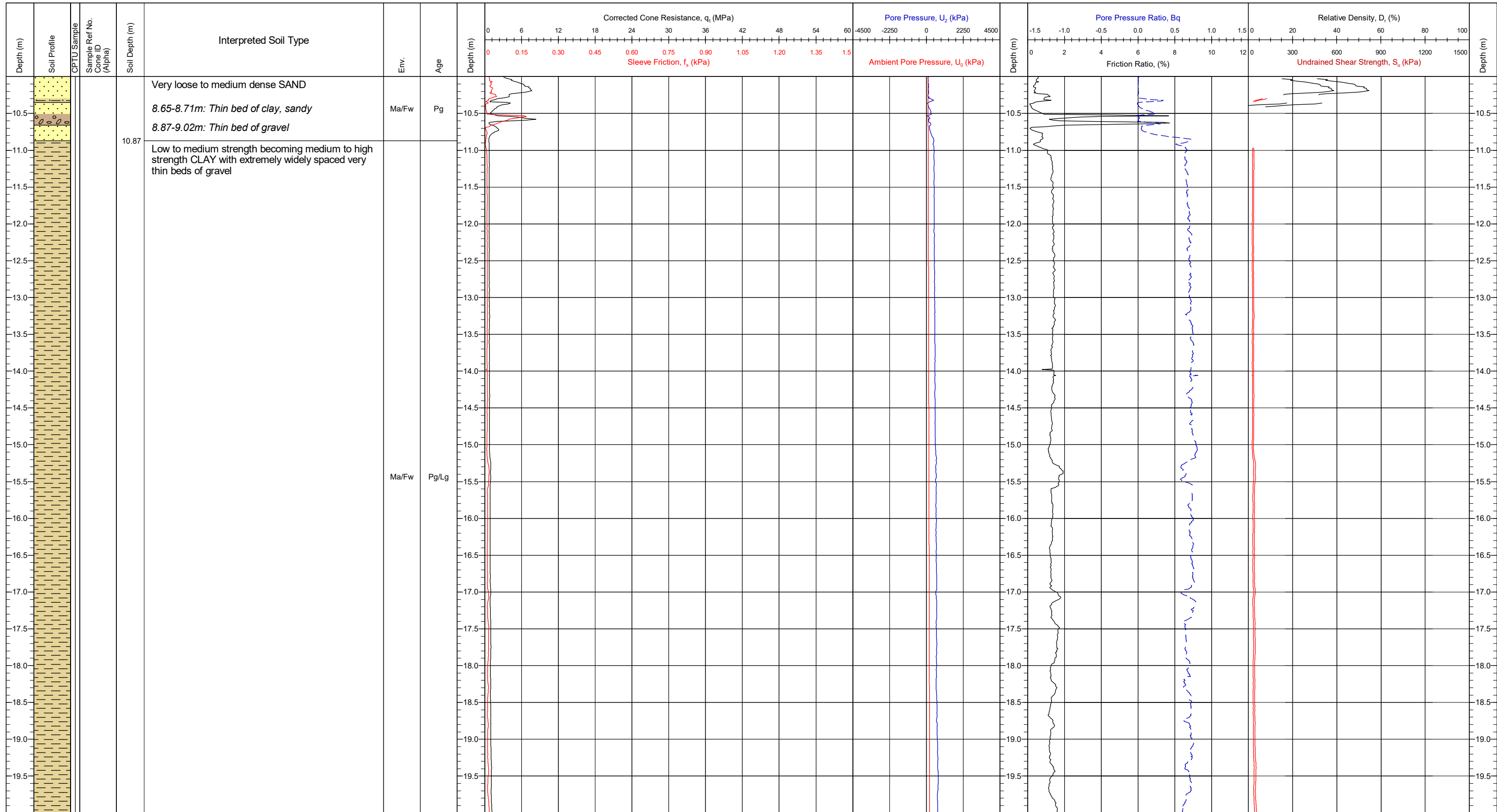
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674320.0E 6270140.2N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.4	Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees~ risk of rod bend and buckling rods			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021						
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	181004 (50cm ²) / 0.81				(30/04/2021)	(10/06/2021)	(10/11/2021)
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.9°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

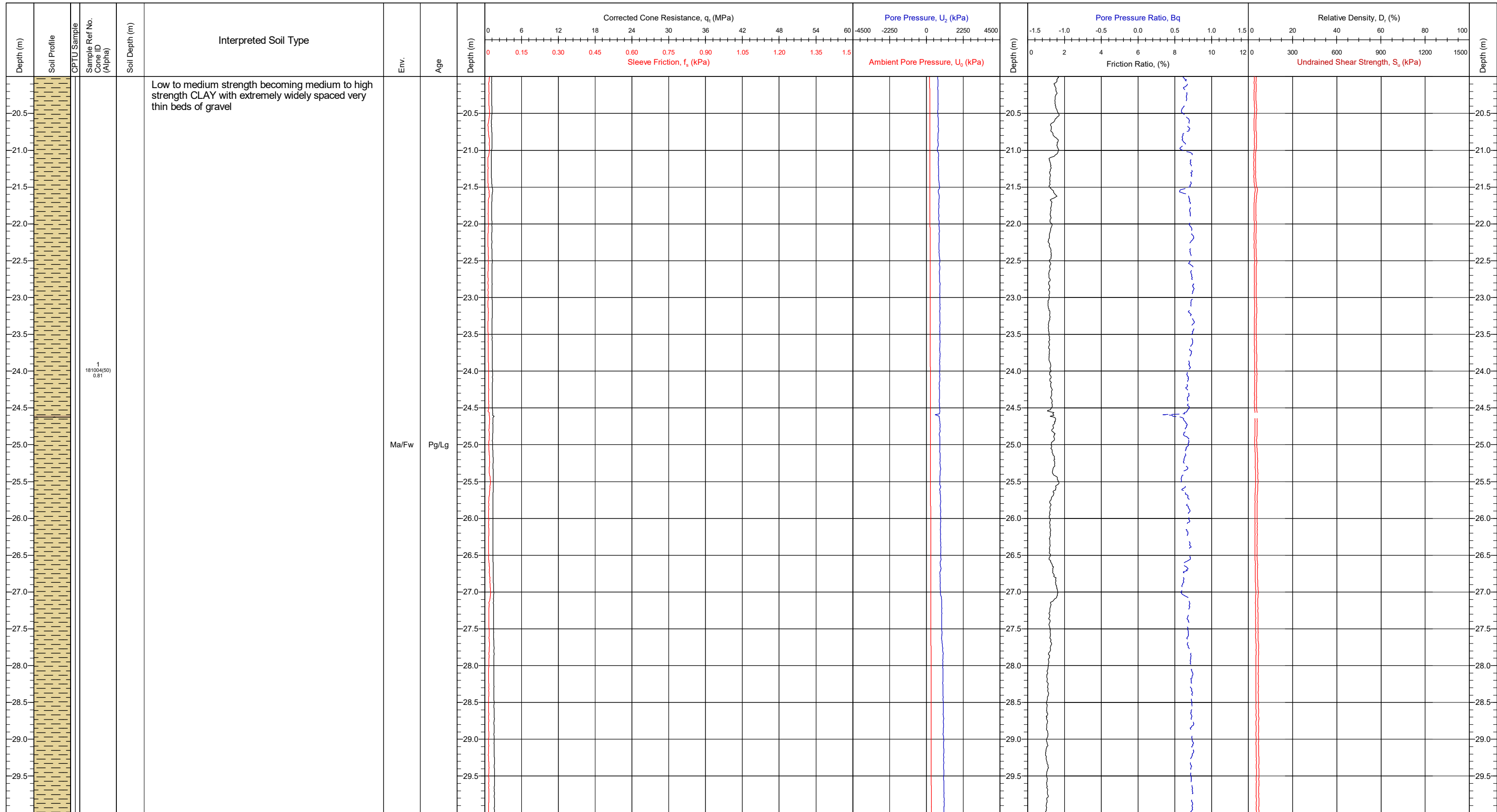
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_v: 15 - 20
 K_v: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674320.0E 6270140.2N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.4	Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees~ risk of rod bend and buckling rods	Preliminary	Draft	Final	CPT22
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	181004 (50cm ²) / 0.81		Page: 2/5			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.9°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



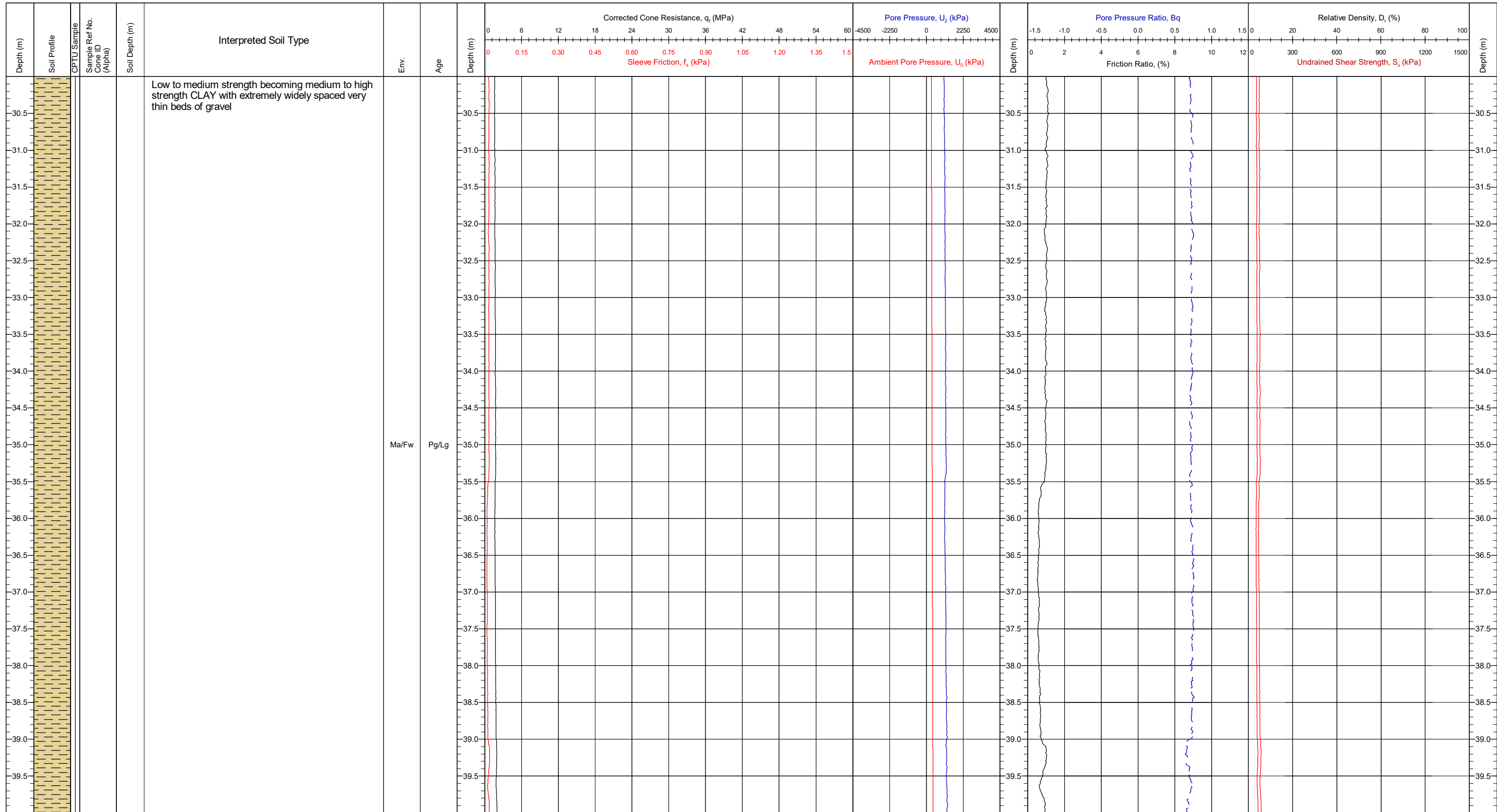
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	674320.0E 6270140.2N	CRS: ETRS89	QC Status	CPT Name	
Contract	11596	Water Depth (mMSL)	31.4	Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees~ risk of rod bend and buckling rods	Preliminary	CPT22	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		Draft		Final
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	181004 (50cm ²) / 0.81		JK/BC (30/04/2021)	DR (10/06/2021)	Page: 3/5
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.9°		SMC (10/11/2021)		

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



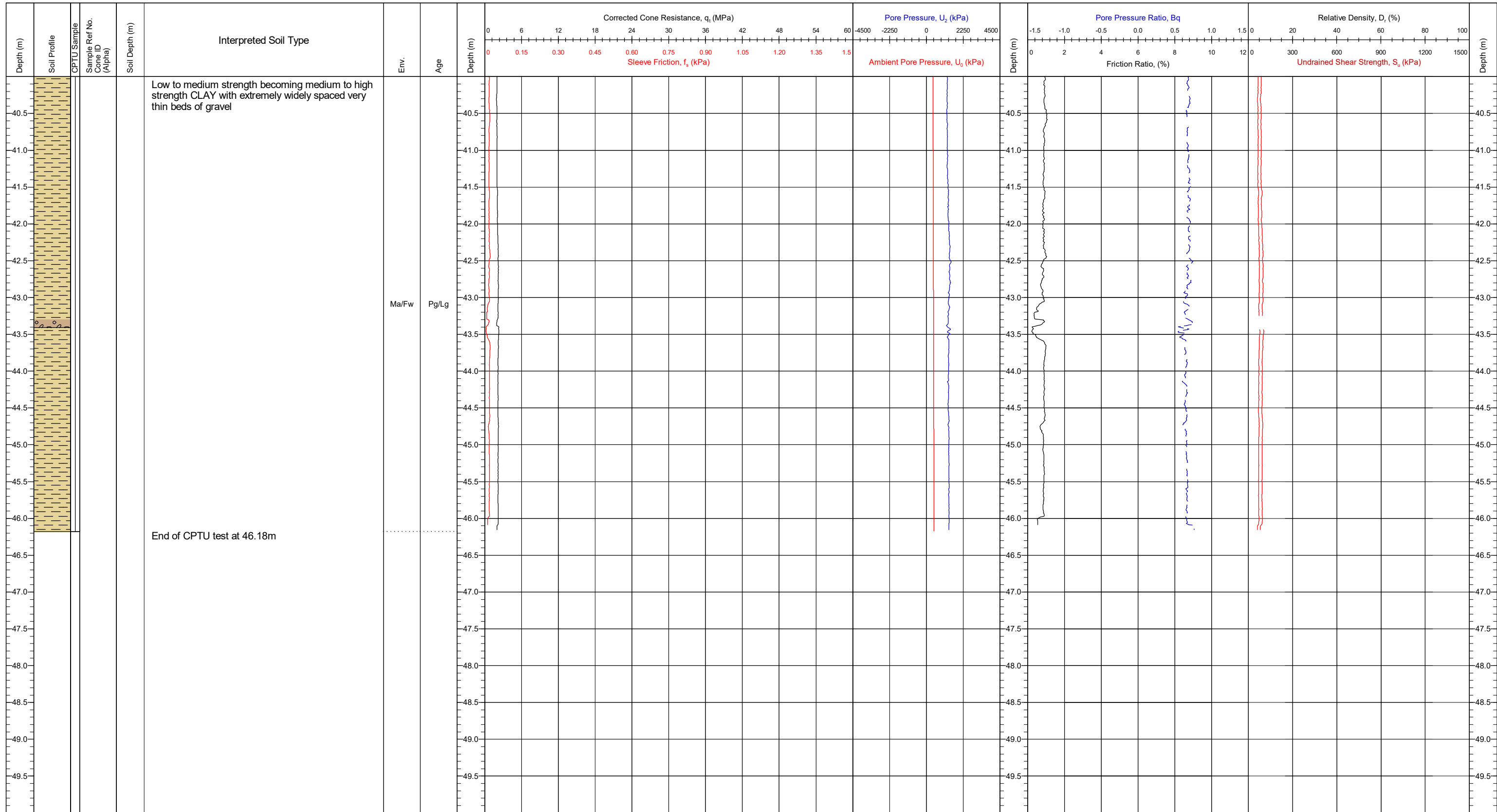
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	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	674320.0E 6270140.2N	CRS: ETRS89	QC Status		CPT Name	
Contract	11596	Water Depth (mMSL)	31.4	Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees~ risk of rod bend and buckling rods	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	CPT22
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	181004 (50cm ³) / 0.81					Page: 4/5
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.9°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



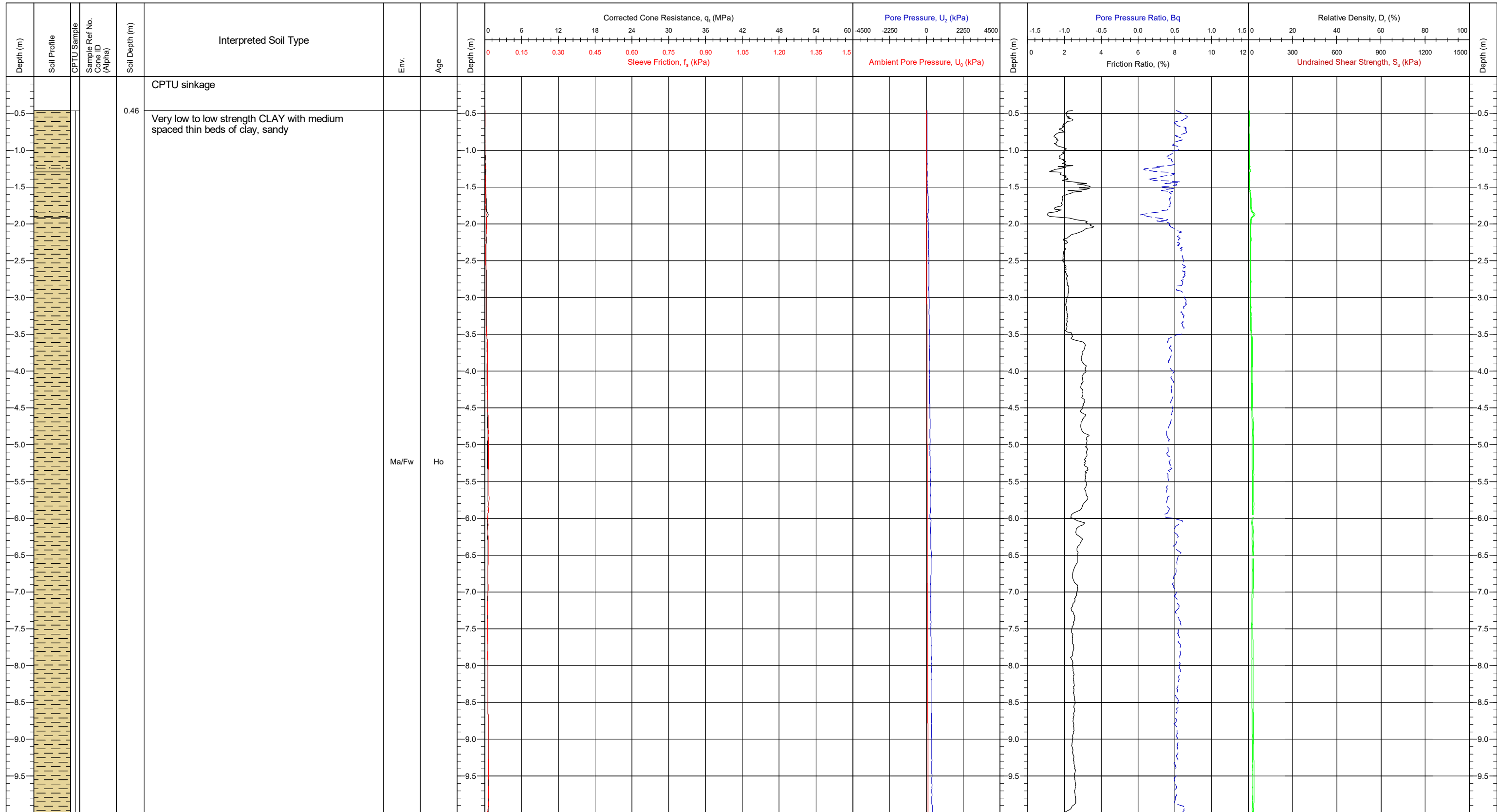
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	674320.0E 6270140.2N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.4	Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees~ risk of rod bend and buckling rods	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	30/04/2021		JK/BC	DR	SMc	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	181004 (50cm ²) / 0.81		(30/04/2021)	(10/06/2021)	(10/11/2021)	Page: 5/5
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.9°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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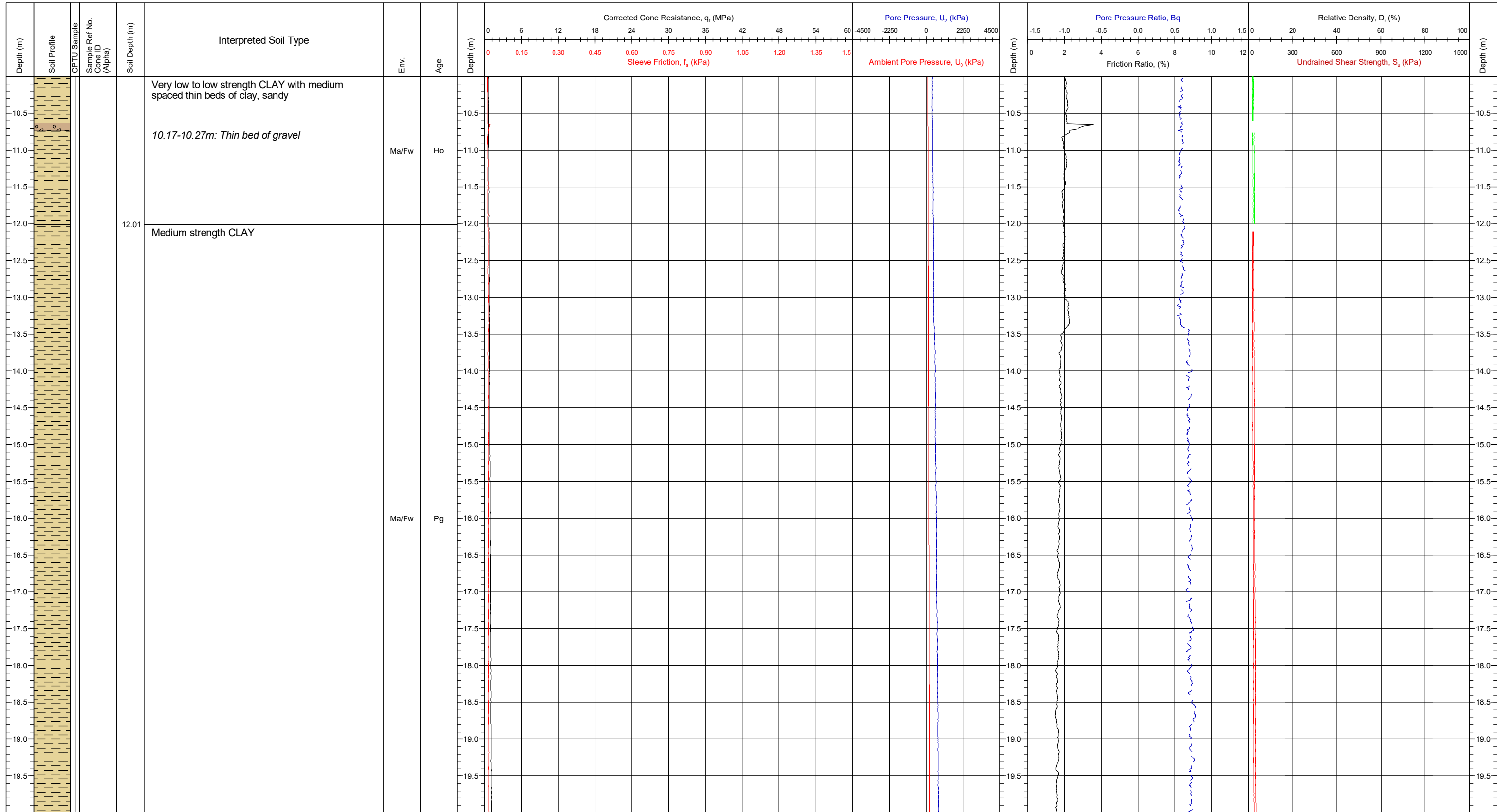
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_s : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676253.1E 6269555.3N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76					Page: 1/5
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



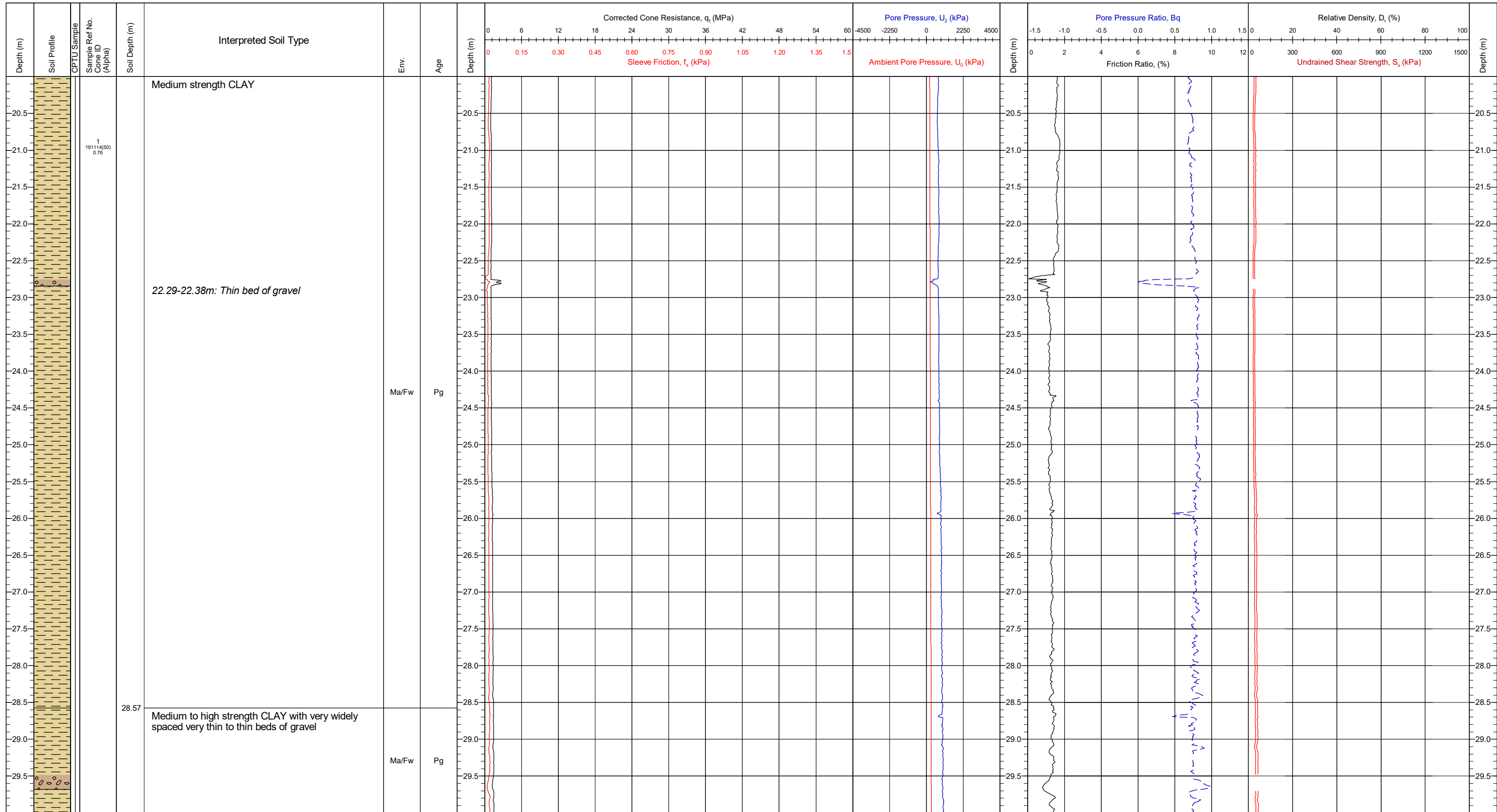
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_h : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	676253.1E 6269555.3N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76		Page: 2/5			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



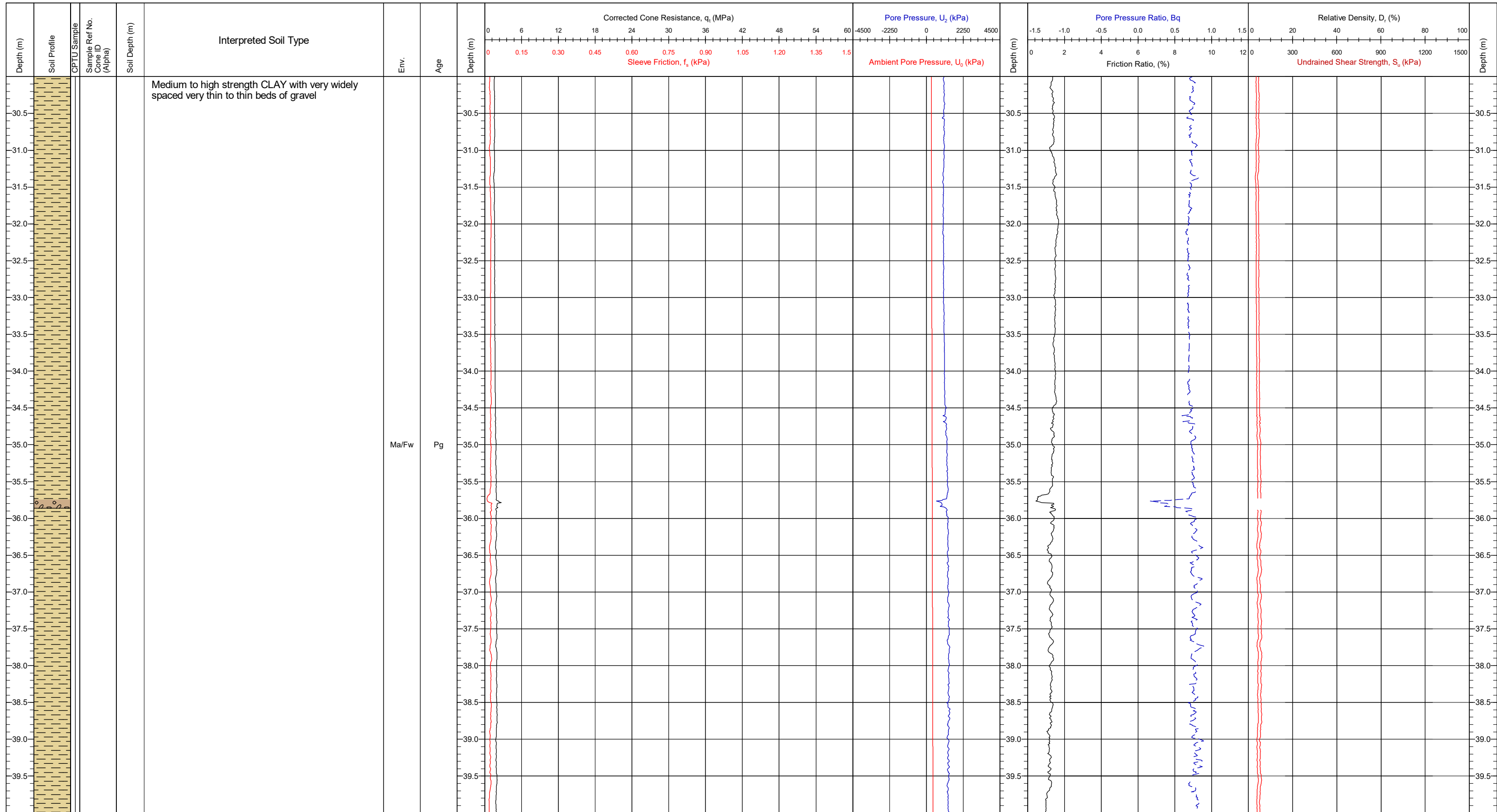
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	676253.1E 6269555.3N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021						
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	191114 (50cm ³) / 0.76						
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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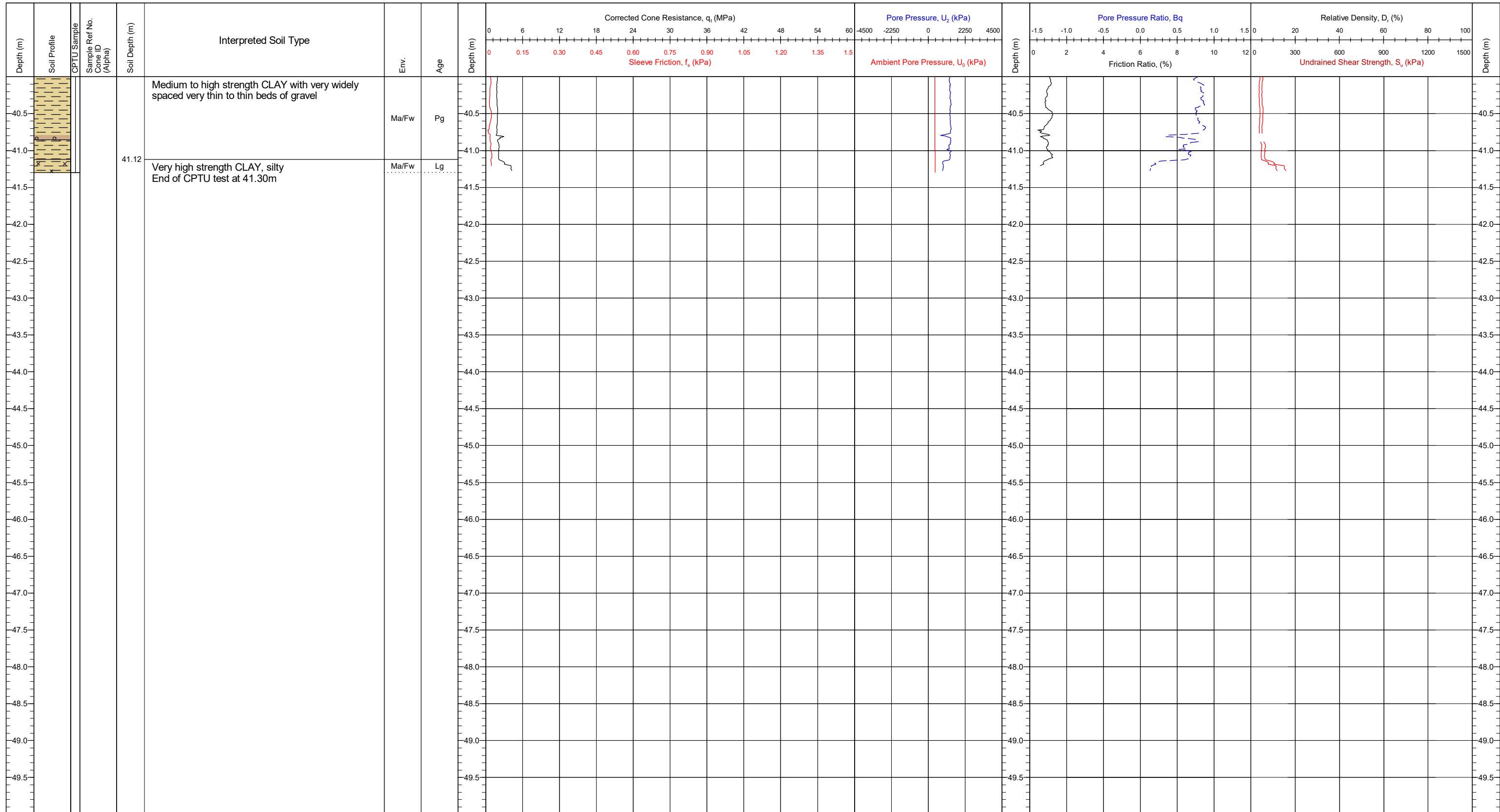
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676253.1E 6269555.3N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	191114 (50cm ³) / 0.76		Page: 4/5			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



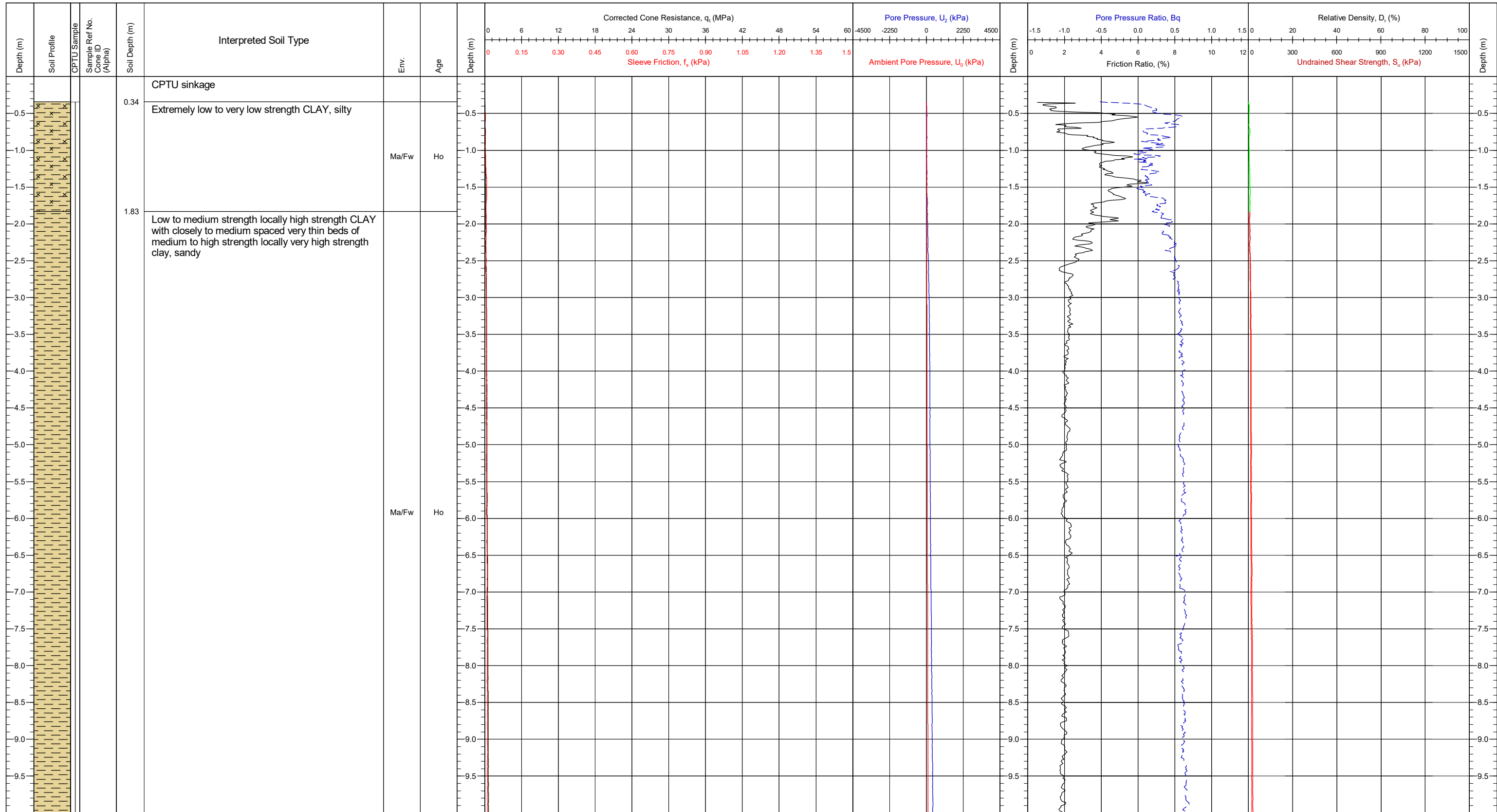
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	676253.1E 6269555.3N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	31.6	Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend	QC Status	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		Preliminary Draft Final	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76		JK/BC (01/05/2021)	DR (10/06/2021)
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°		SMc (10/11/2021)	CPT Name
					CPT23	
					Page: 5/5	

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



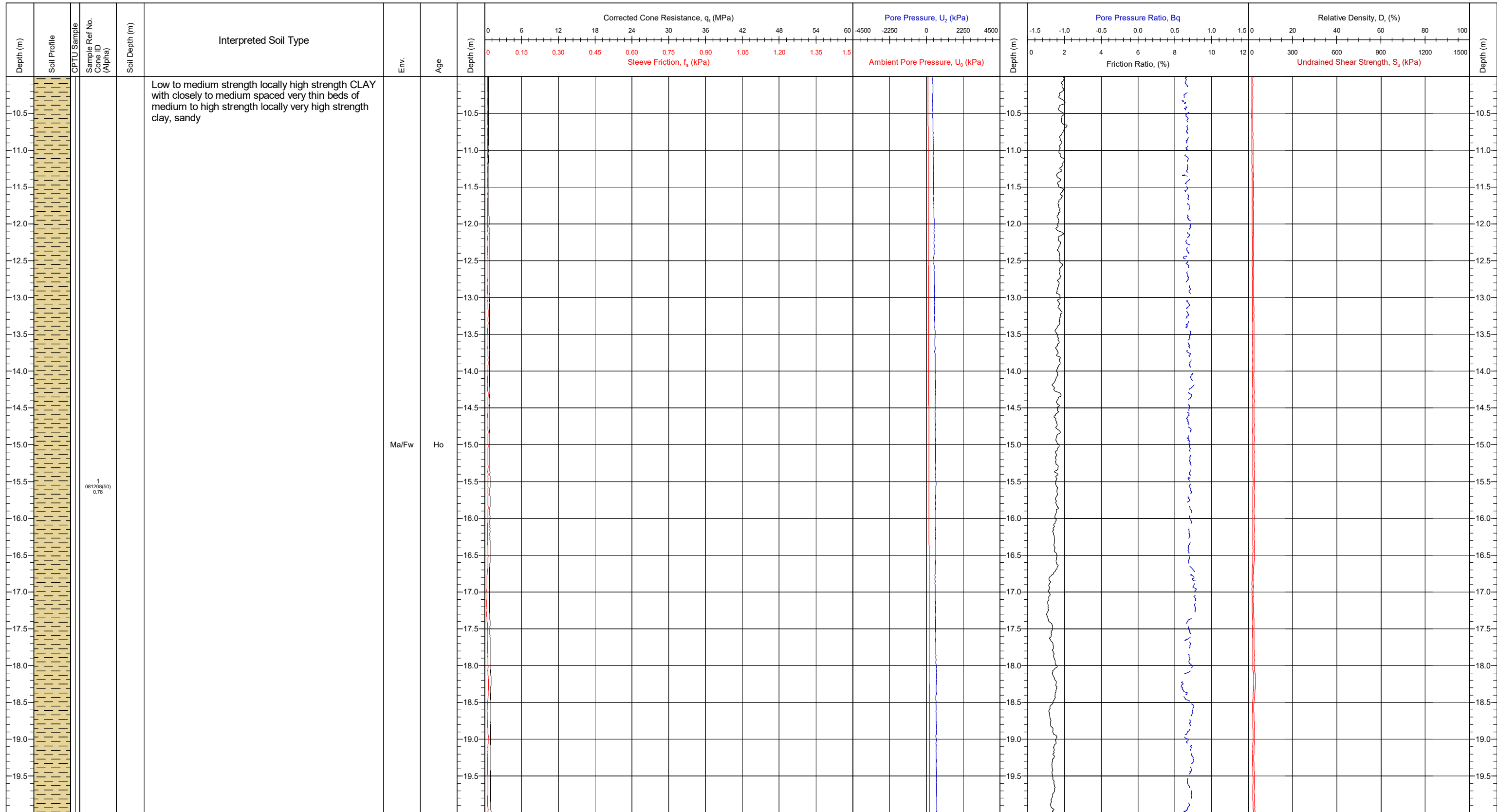
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	676906.0E 6273504.9N	CRS: ETRS89	QC Status			CPT Name CPT25
Contract	11596	Water Depth (mMSL)	31.6	Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	081208 (50cm ²) / 0.78					
Method	20 kN Sea bed CPT	Base Inclination	X = -0.1° / Y = 0.0°		Page: 1/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

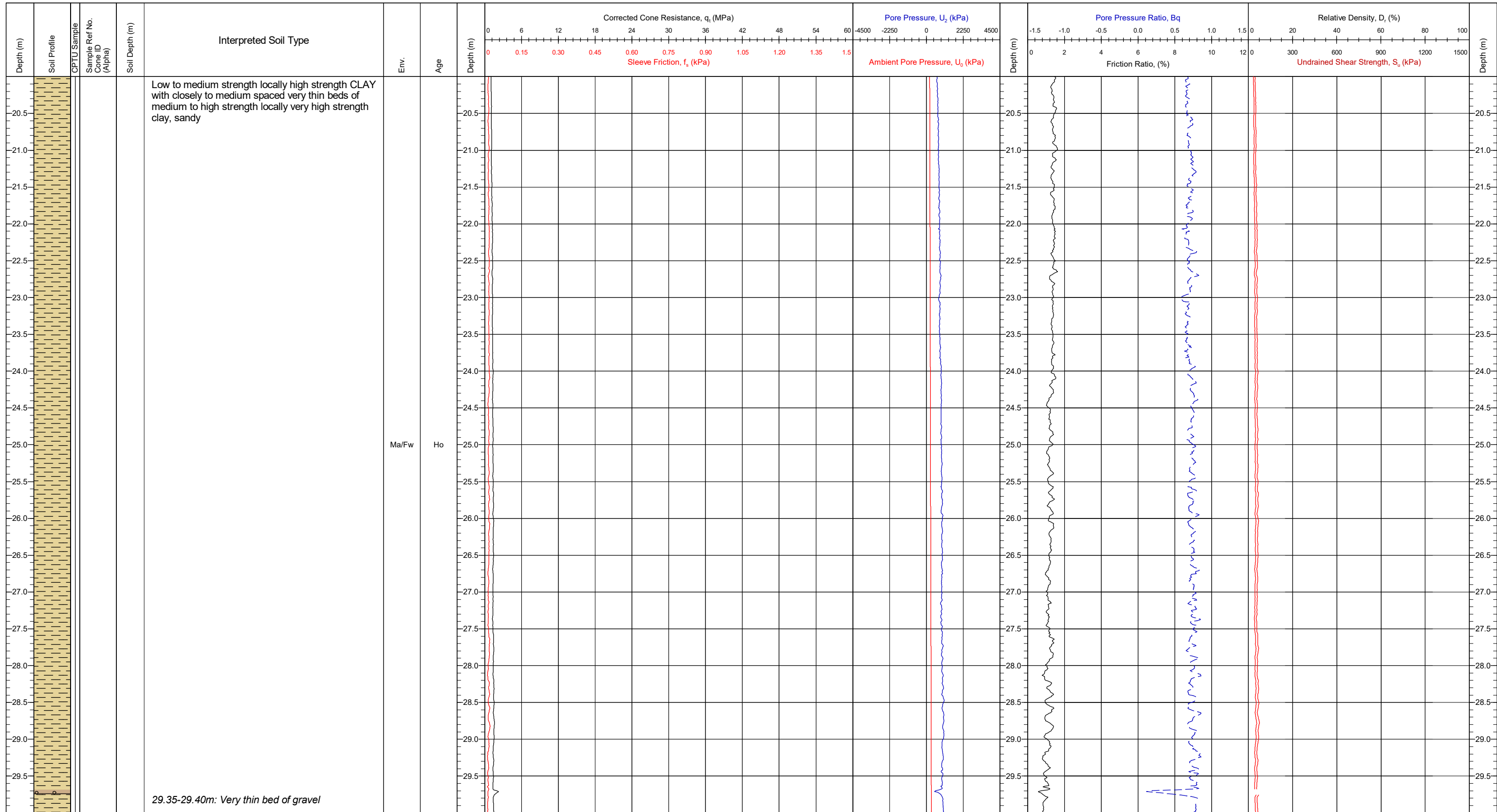
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{cr} : 12.5 - 16.5
 N_{cs} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676906.0E 6273504.9N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	31.6		Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	081208 (50cm ²) / 0.78		
Method	20 kN Sea bed CPT	Base Inclination	X = -0.1° / Y = 0.0°		
					QC Status Preliminary Draft Final JK/BC (01/05/2021) DR (10/06/2021) SMc (10/11/2021)
					CPT Name CPT25
					Page: 2/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

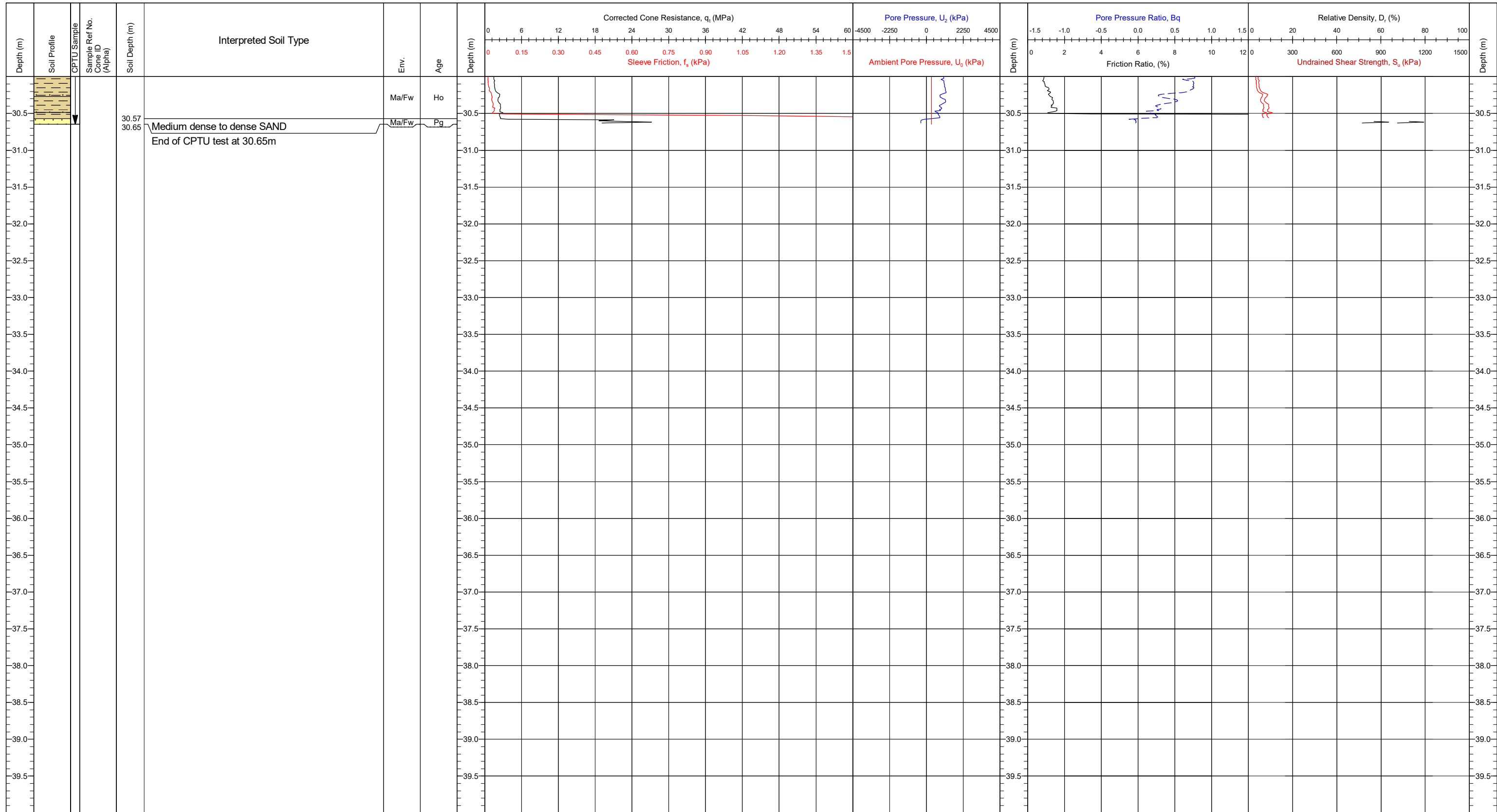
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676906.0E 6273504.9N	CRS: ETRS89	QC Status			CPT Name CPT25
Contract	11596	Water Depth (mMSL)	31.6	Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	081208 (50cm ³) / 0.78					Page: 3/4
Method	20 kN Sea bed CPT	Base Inclination	X = -0.1° / Y = 0.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



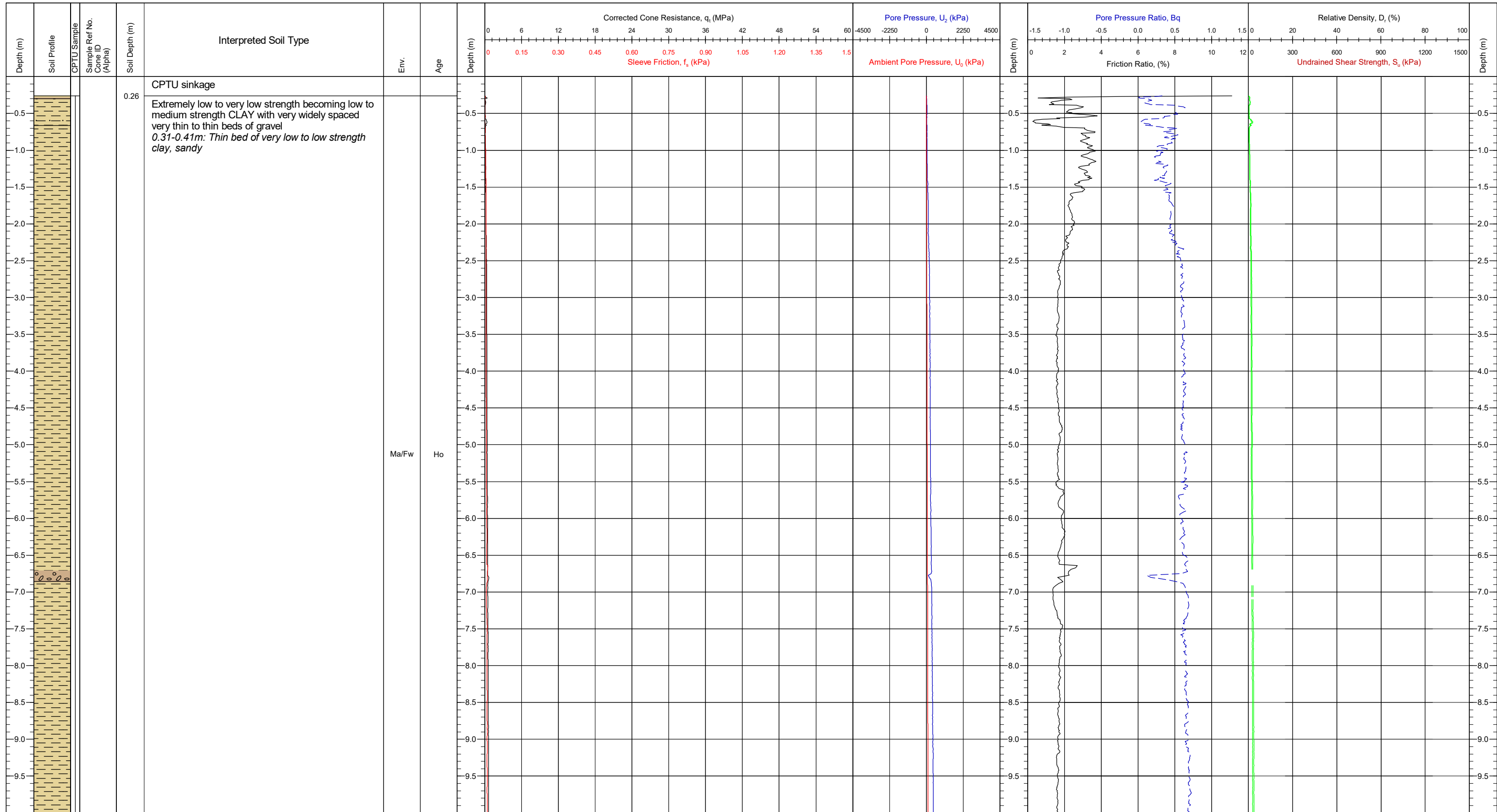
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	676906.0E 6273504.9N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	31.6		Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	081208 (50cm ²) / 0.78		
Method	20 kN Sea bed CPT	Base Inclination	X = -0.1° / Y = 0.0°		
			QC Status		
			Preliminary	Draft	Final
			JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
					CPT Name
					CPT25
					Page: 4/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



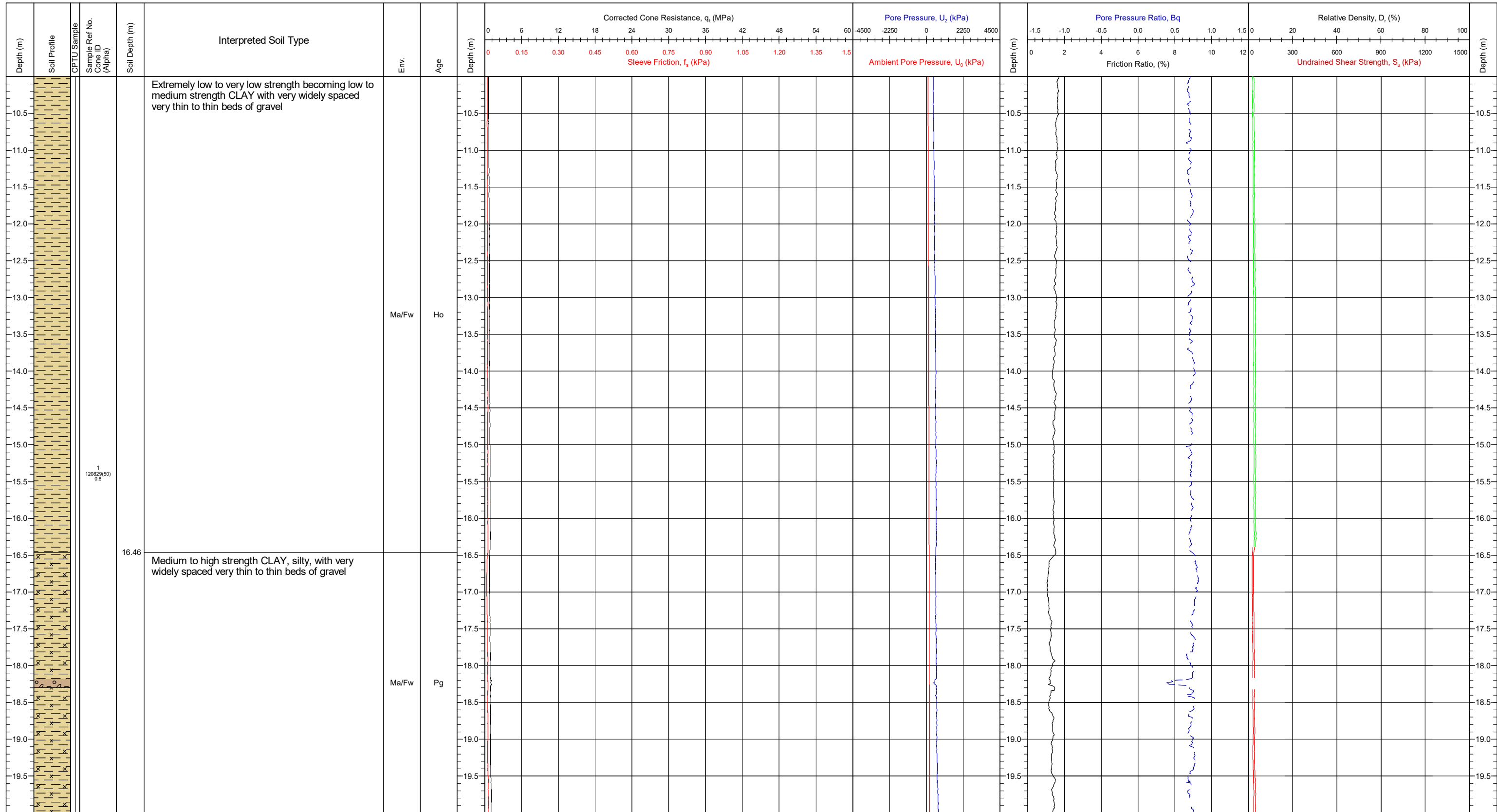
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	676906.4E 6273499.9N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software			Preliminary	Draft	Final	CPT25a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120829 (50cm ²) / 0.80							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.5°							
							JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 1/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING

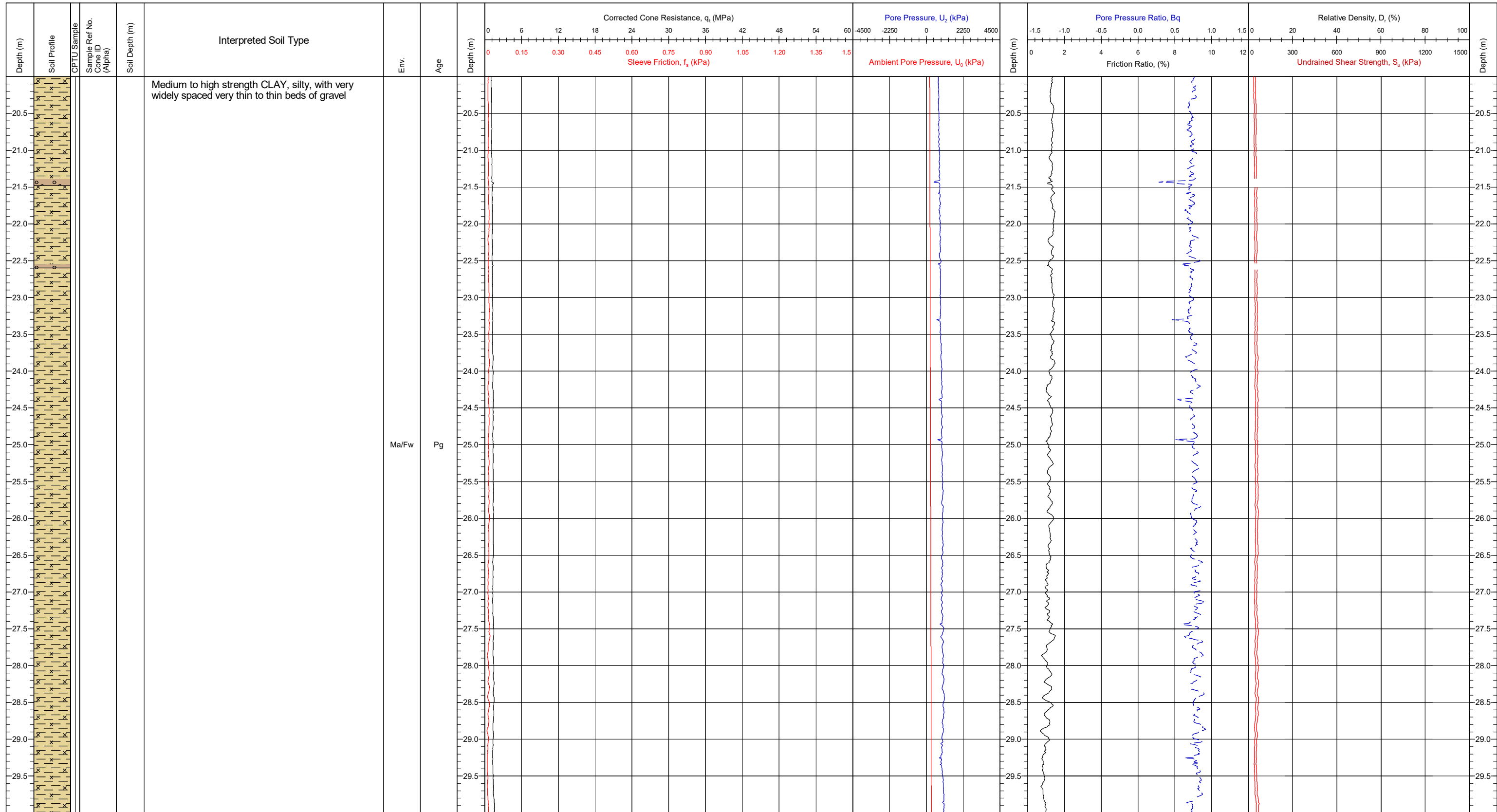


KEY TO SOIL PROFILE

<table border="0"> <tr> <td></td><td>SILT</td> <td></td><td>CLAY</td> </tr> <tr> <td></td><td>SAND</td> <td></td><td>GRAVEL</td> </tr> <tr> <td></td><td>CHALK</td> <td></td><td>PEAT</td> </tr> <tr> <td></td><td>COBBLES</td> <td></td><td>Mixed Soil</td> </tr> </table> <p style="font-size: small;">Assumed Unit Weight: 20 - 16 kN/m³ K_v: 0.5 - 2.0 N_v: 12.5 - 16.5 N_h: 15 - 20 K_h: 0.5 - 2.0</p>		SILT		CLAY		SAND		GRAVEL		CHALK		PEAT		COBBLES		Mixed Soil	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Area</td><td>Kattegat Sea</td> <td>Coordinates</td><td>676906.4E 6273499.9N</td> <td>CRS:</td><td>ETRS89</td> </tr> <tr> <td>Contract</td><td>11596</td> <td>Water Depth (mMSL)</td><td>31.6</td> <td colspan="2" rowspan="4"> Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software </td> </tr> <tr> <td>Client Name/Ref</td><td>Energinet Eltransmission A/S/384_20_ENE</td> <td>Date of Test</td><td>01/05/2021</td> </tr> <tr> <td>Vessel</td><td>MV Ocean Vantage</td> <td>Cone No. (type)/α Factor</td><td>120829 (50cm²) / 0.80</td> </tr> <tr> <td>Method</td><td>20 kN Sea bed CPT</td> <td>Base Inclination</td><td>X = 1.2° / Y = 0.5°</td> </tr> </table>	Area	Kattegat Sea	Coordinates	676906.4E 6273499.9N	CRS:	ETRS89	Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021	Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120829 (50cm ²) / 0.80	Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.5°	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: center;">QC Status</td> </tr> <tr> <td style="text-align: center;">Preliminary</td> <td style="text-align: center;">Draft</td> <td style="text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(01/05/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>	QC Status			Preliminary	Draft	Final	JK/BC <small>(01/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>	<p style="text-align: center;">CPT Name</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">CPT25a</p>
	SILT		CLAY																																																	
	SAND		GRAVEL																																																	
	CHALK		PEAT																																																	
	COBBLES		Mixed Soil																																																	
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Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.5°																																																	
QC Status																																																				
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JK/BC <small>(01/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>																																																		
				Page: 2/4																																																

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING

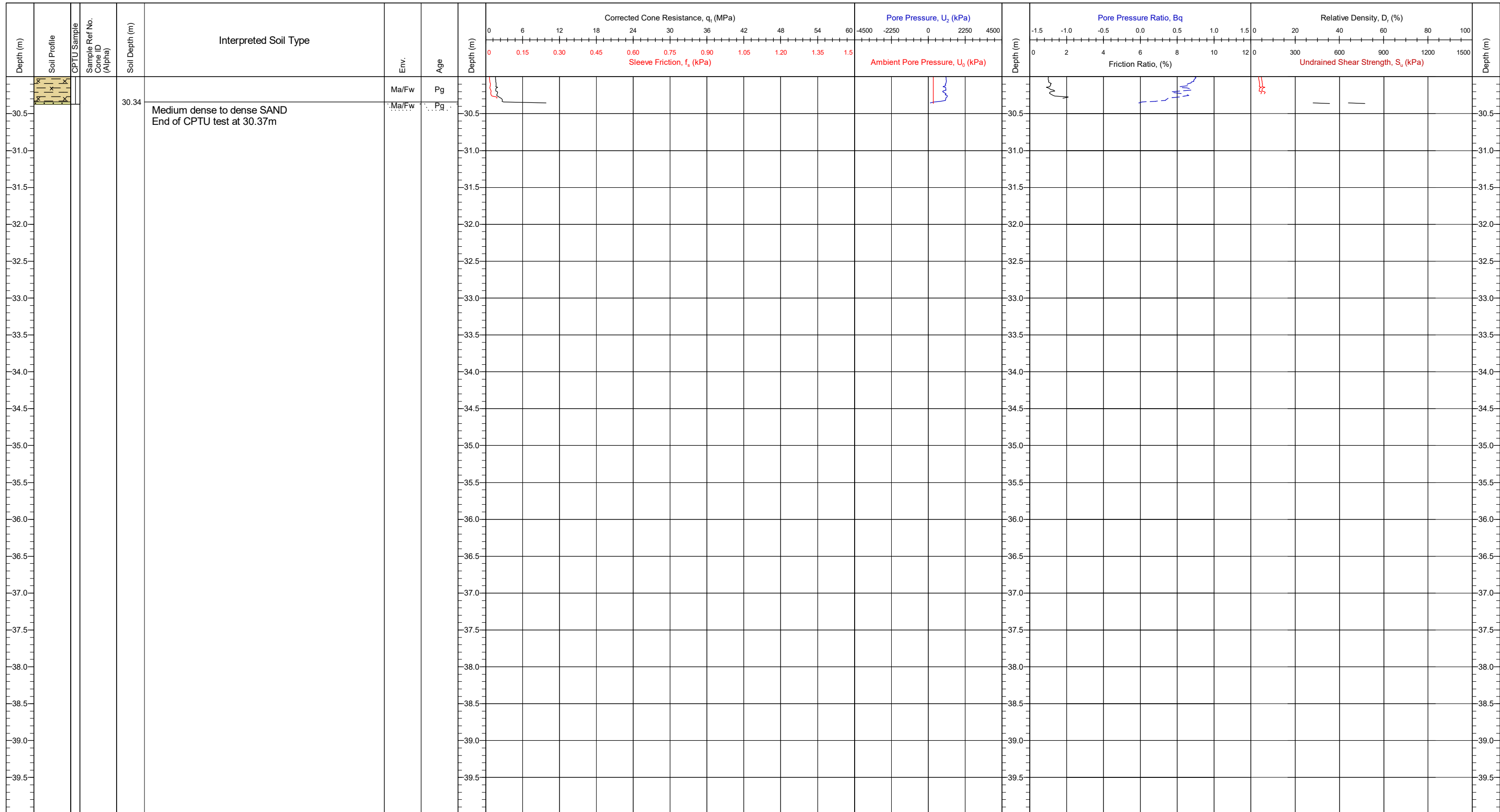


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_c : 0.5 - 2.0 N_c : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	676906.4E 6273499.9N	CRS:	ETRS89	QC Status			CPT Name CPT25a	
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120829 (50cm ³) / 0.80							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.5°							
							JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 3/4

Preliminary Investigation, Hesselø OWF IN SITU CPTU TESTING



KEY TO SOIL PROFILE

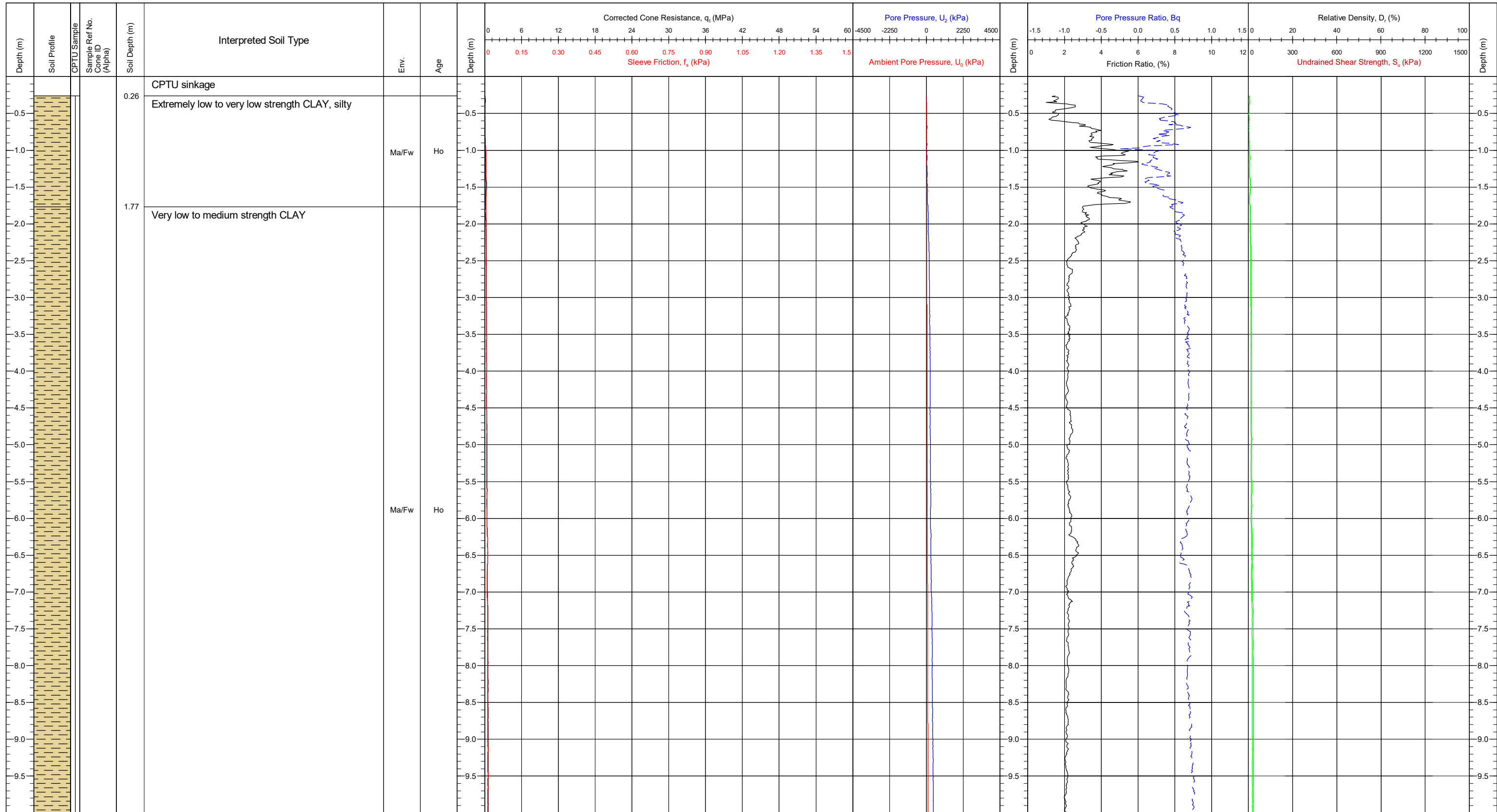
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_c : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676906.4E 6273499.9N	CRS: ETRS89	QC Status	CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software	Preliminary	CPT25a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	01/05/2021		Draft	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (50cm ²) / 0.80		Final	
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.5°		JK/BC (01/05/2021)	DR (10/06/2021)
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Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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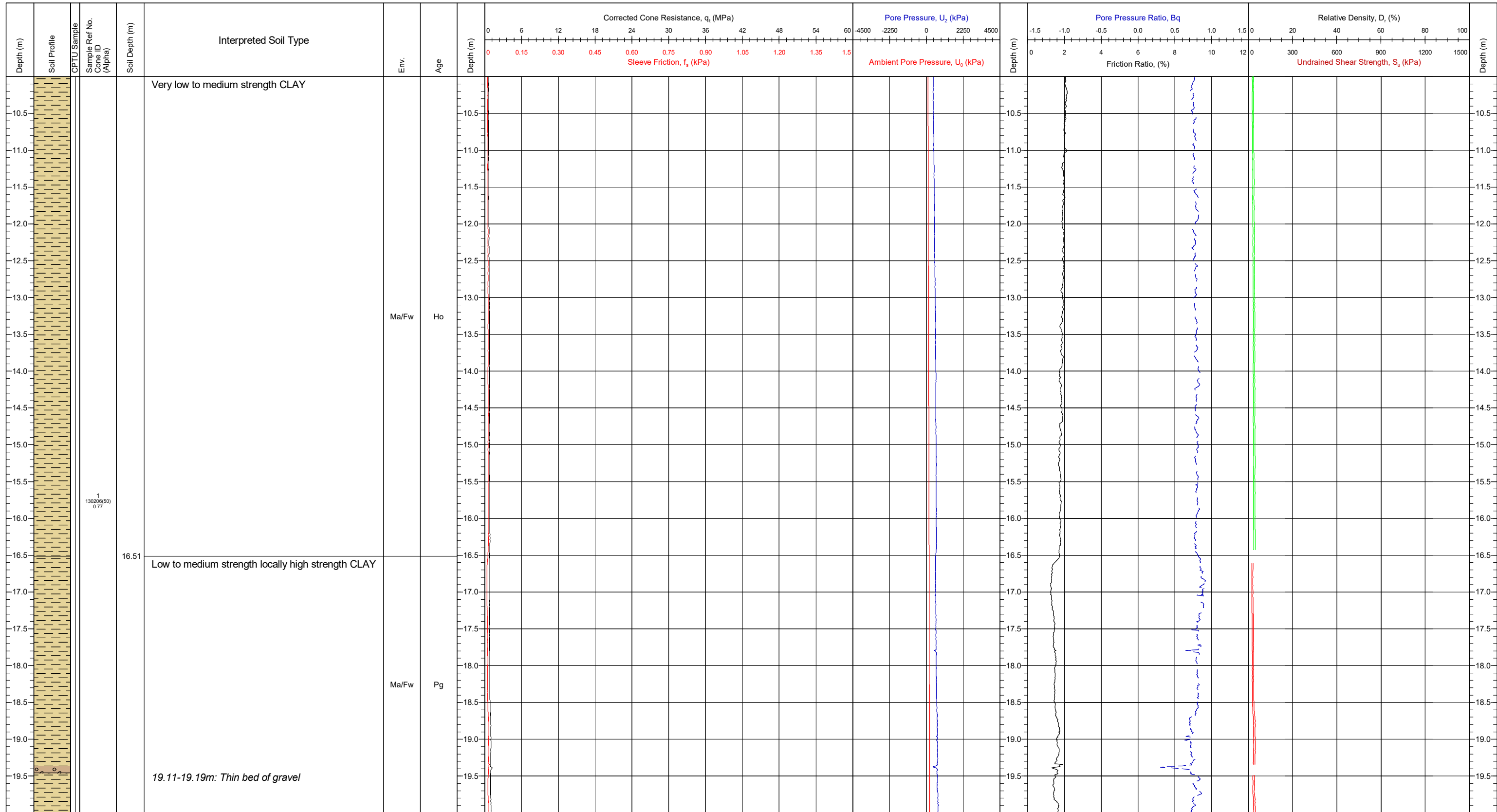
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 K_c: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676906.0E 6273510.1N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline	Preliminary	Draft	Final	CPT25b
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021		JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	130206 (50cm ²) / 0.77		Page: 1/4			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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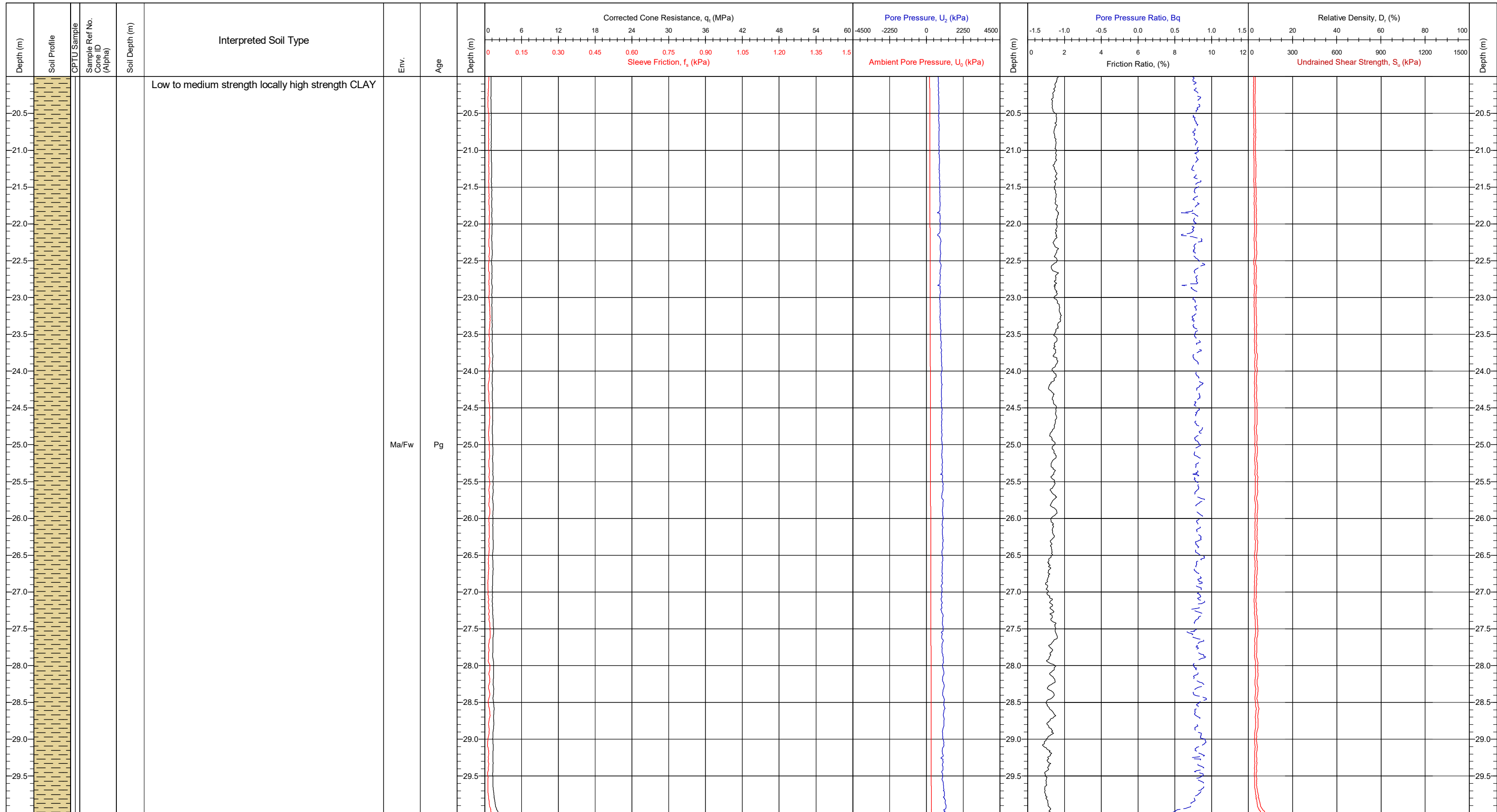
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676906.0E 6273510.1N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline			Preliminary	Draft	Final	CPT25b
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (50cm ²) / 0.77							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°				JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 2/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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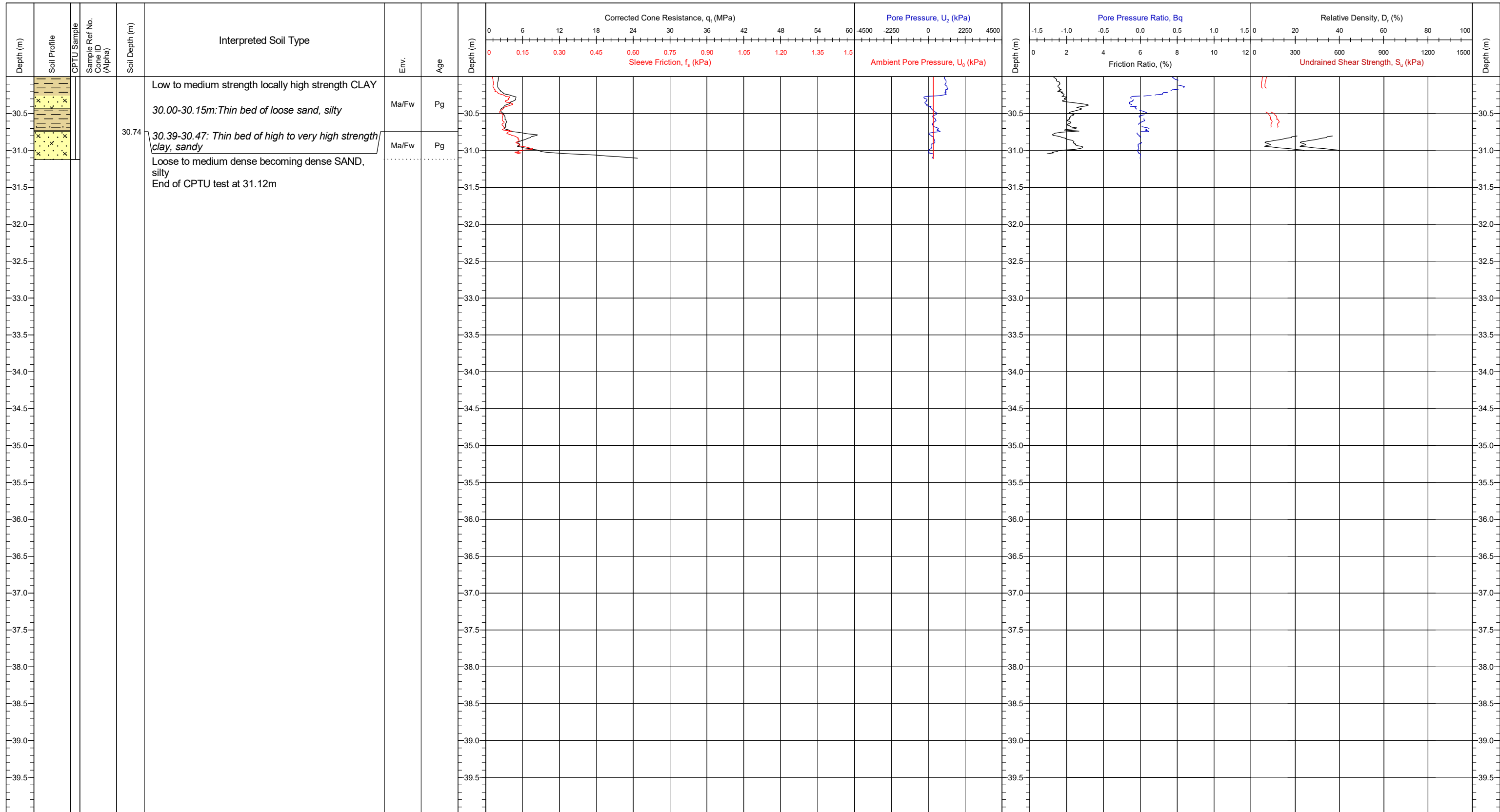
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676906.0E 6273510.1N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline	Preliminary	Draft	Final	CPT25b
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021		JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	130206 (50cm ³) / 0.77					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°		Page: 3/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



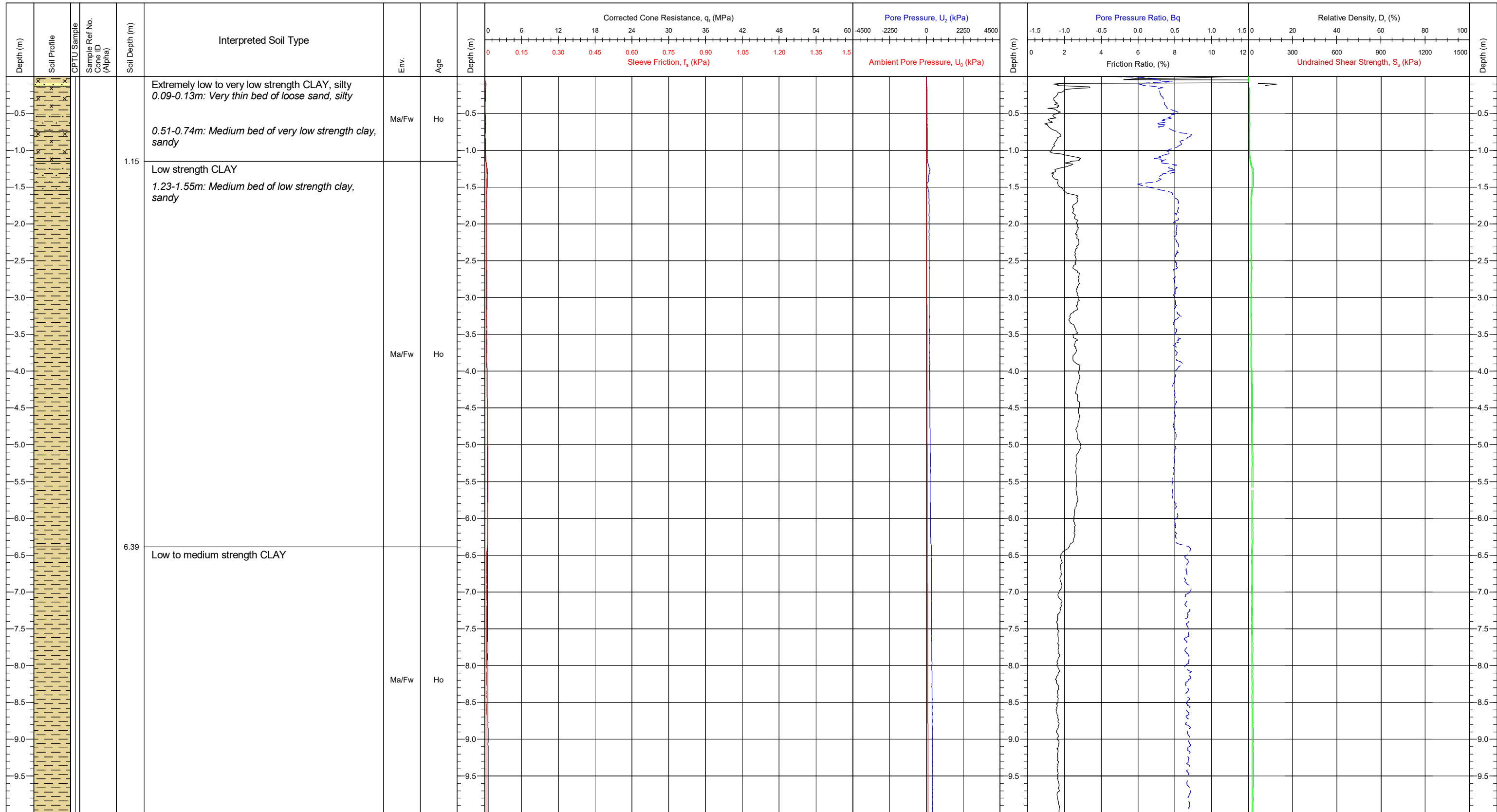
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	676906.0E 6273510.1N	CRS: ETRS89		QC Status	CPT Name	
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline		Preliminary	CPT25b	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021			Draft		Final
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77			JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°					Page: 4/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



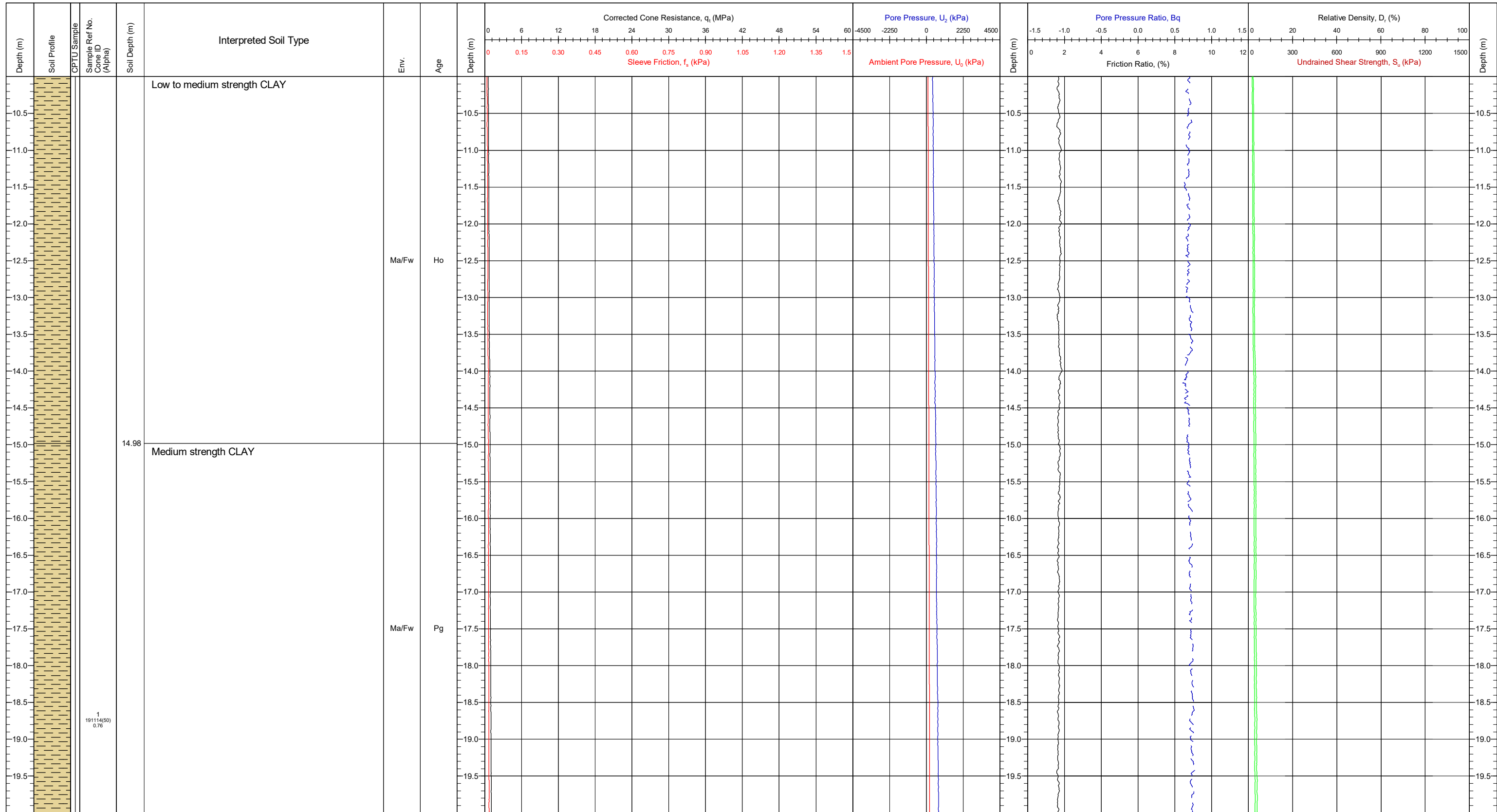
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	676724.1E 6276824.7N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load	Preliminary	Draft	Final	CPT26
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021		JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76		Page: 1/4			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

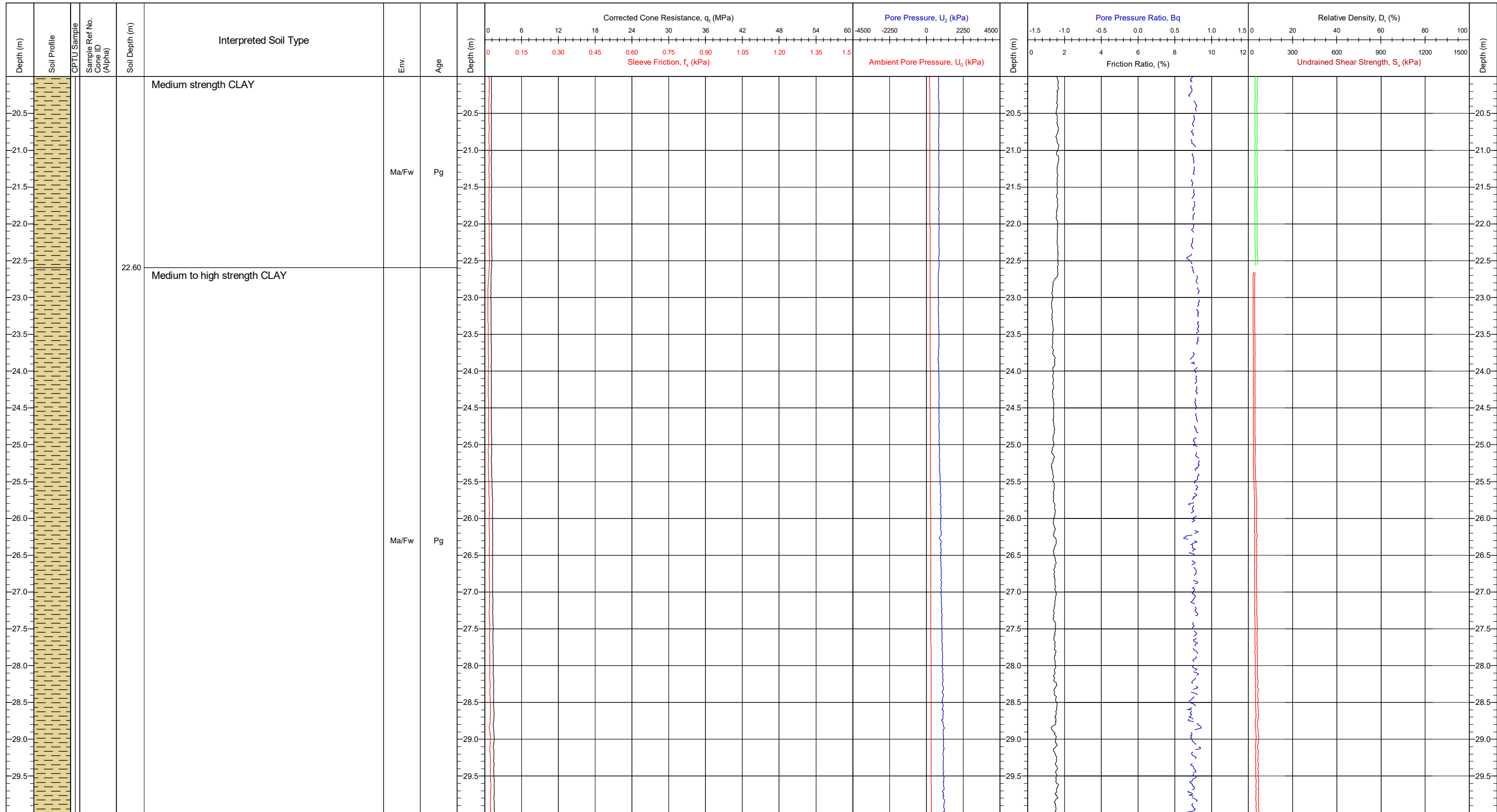
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_p : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_p : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676724.1E 6276824.7N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021						
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76				(02/05/2021)	(10/06/2021)	(10/11/2021)
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°				Page: 2/4		

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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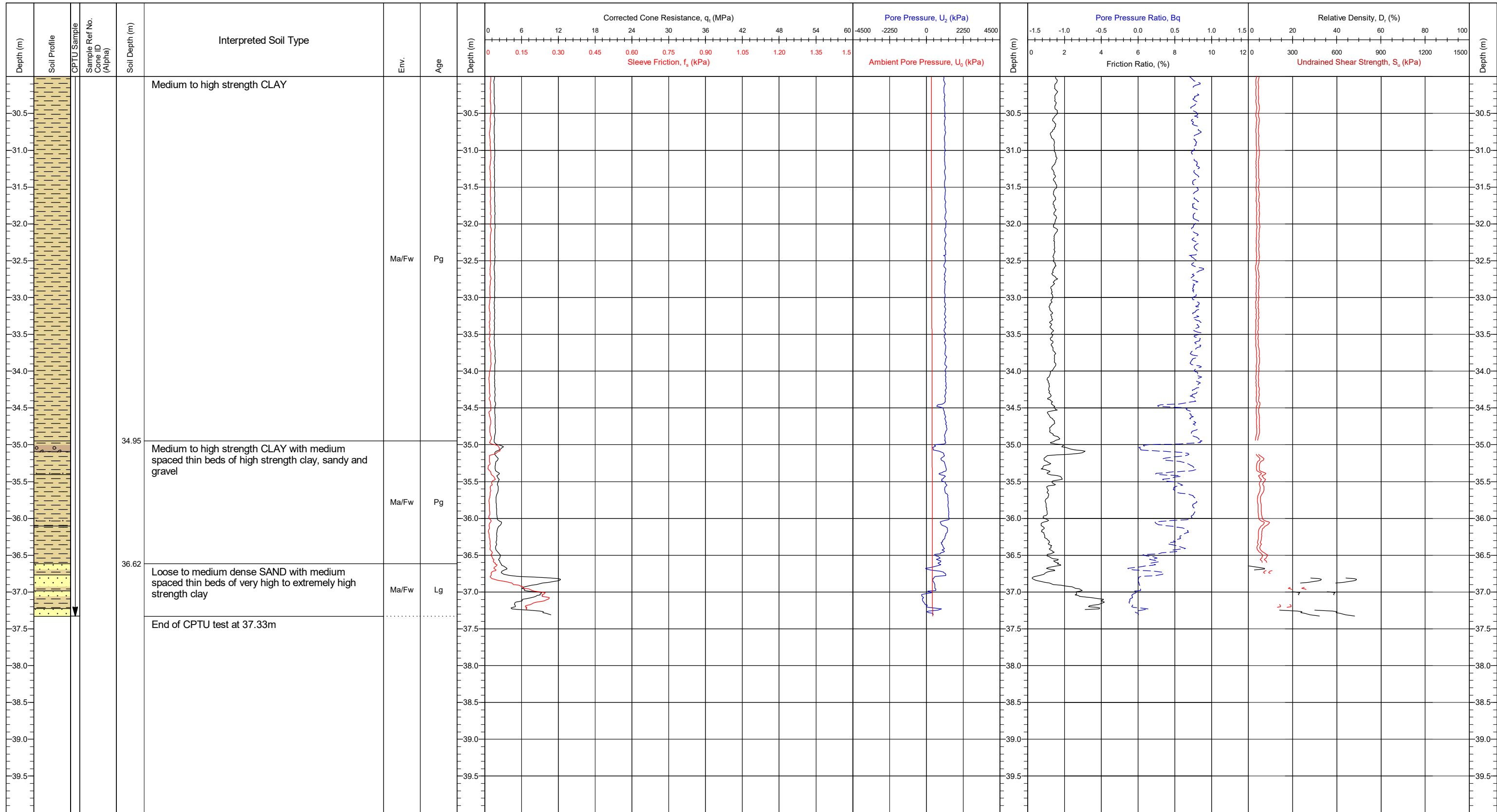
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 K_h: 15 - 20
 K_c: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676724.1E 6276824.7N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021		JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	191114 (50cm ³) / 0.76		Page: 3/4			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



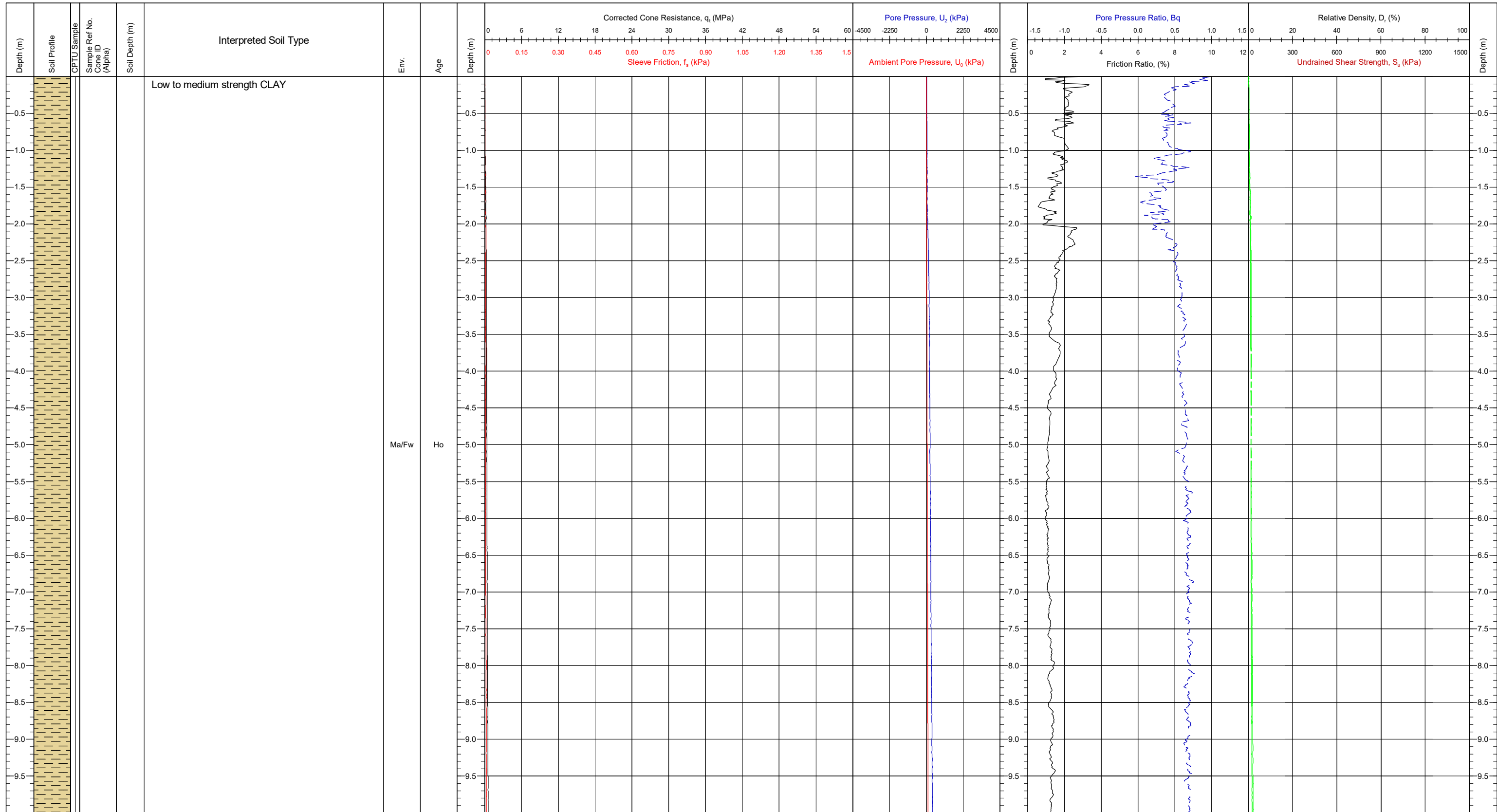
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	676724.1E 6276824.7N	CRS: ETRS89	QC Status		CPT Name	
Contract	11596	Water Depth (mMSL)	30.9	Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	02/05/2021		JK/BC	DR	SMC	CPT26
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76		(02/05/2021)	(10/06/2021)	(10/11/2021)	
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					Page: 4/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

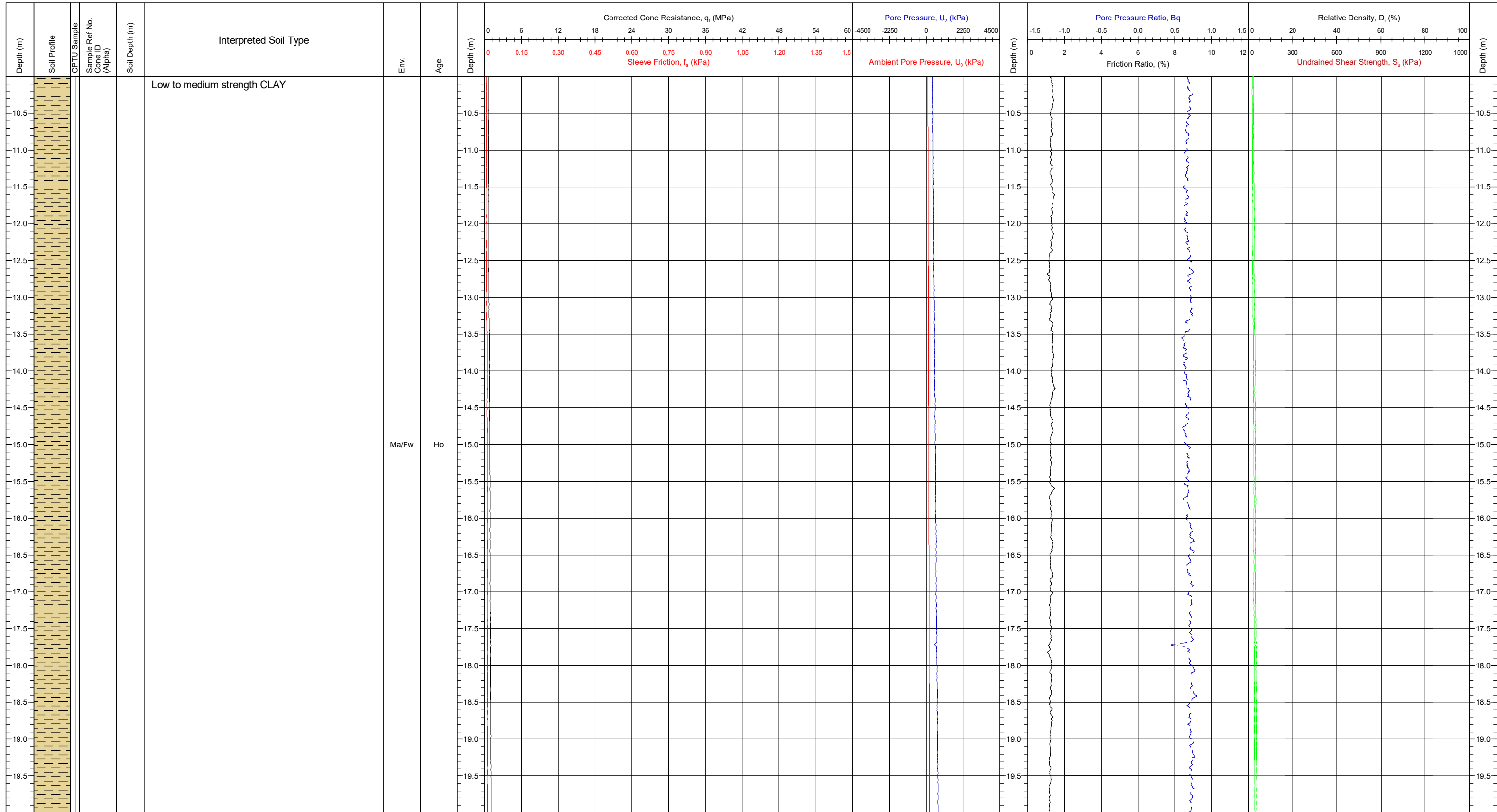
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_r : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: OSS1 was completed to a depth of 47.95m~ at which point it was terminated due to loss of communication with the cone. Cone class 4	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	100415 (50cm ²) / 0.80					
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°		Page: 1/5			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



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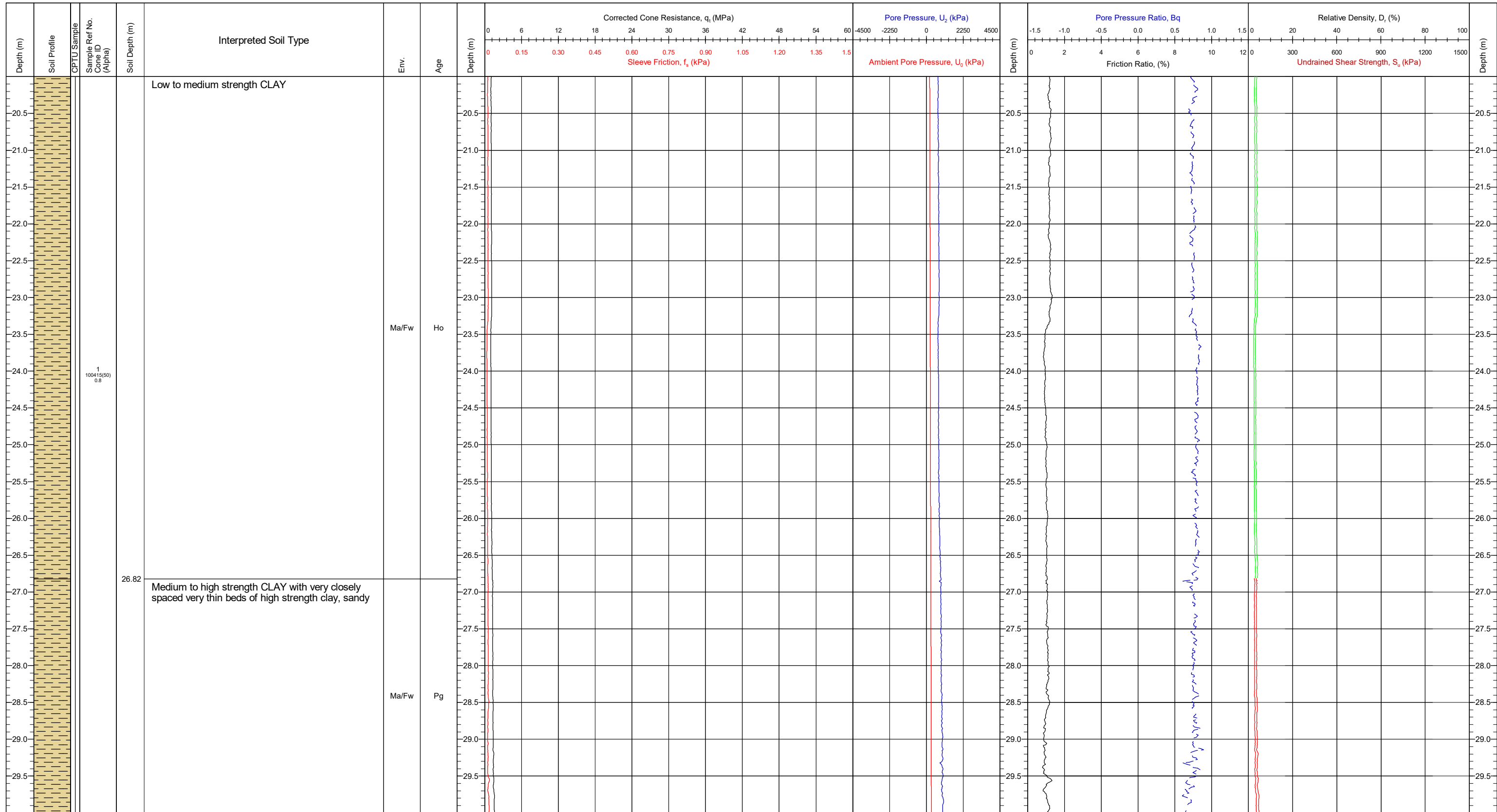
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.6	Comments: OSS1 was completed to a depth of 47.95m~ at which point it was terminated due to loss of communication with the cone. Cone class 4			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021				JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	OSS 1
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	100415 (50cm ²) / 0.80							
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

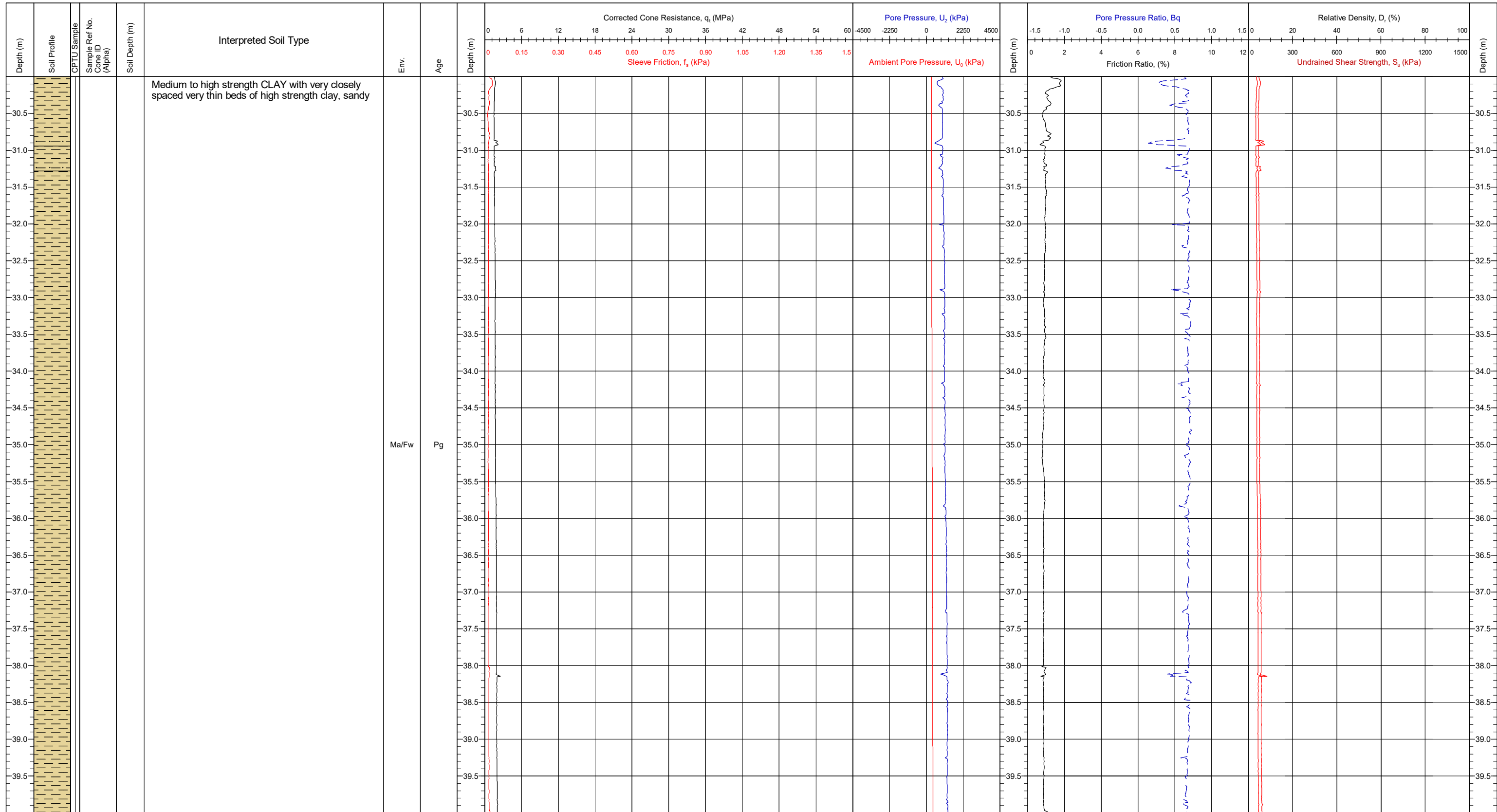
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: OSS1 was completed to a depth of 47.95m~ at which point it was terminated due to loss of communication with the cone. Cone class 4			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021						
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	100415 (50cm ²) / 0.80						
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



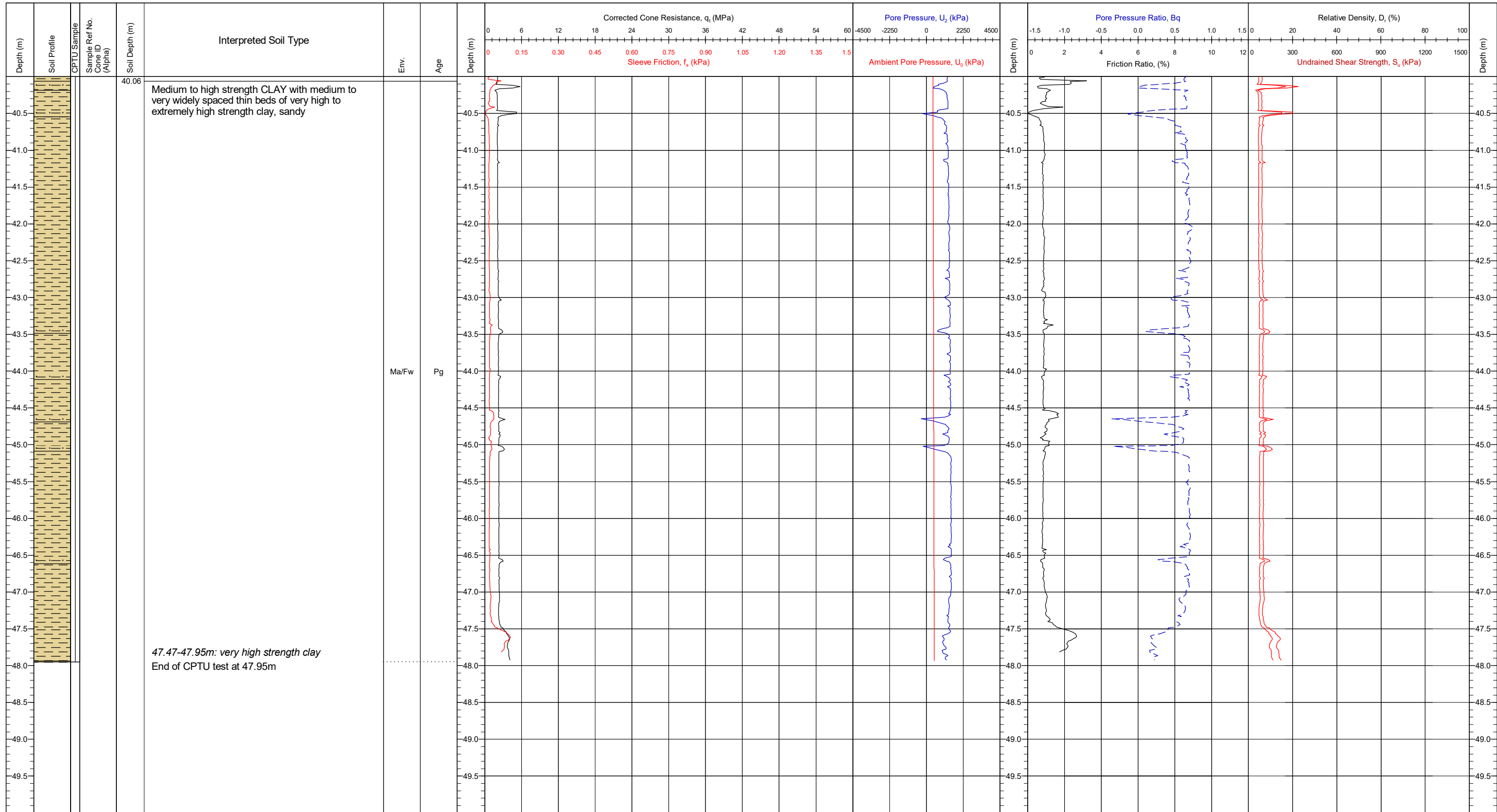
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_h : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.6	Comments: OSS1 was completed to a depth of 47.95m~ at which point it was terminated due to loss of communication with the cone. Cone class 4			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	100415 (50cm ³) / 0.80							
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°							
							JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 4/5

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



Interpreted Soil Type

Medium to high strength CLAY with medium to very widely spaced thin beds of very high to extremely high strength clay, sandy

47.47-47.95m: very high strength clay
End of CPTU test at 47.95m

KEY TO SOIL PROFILE

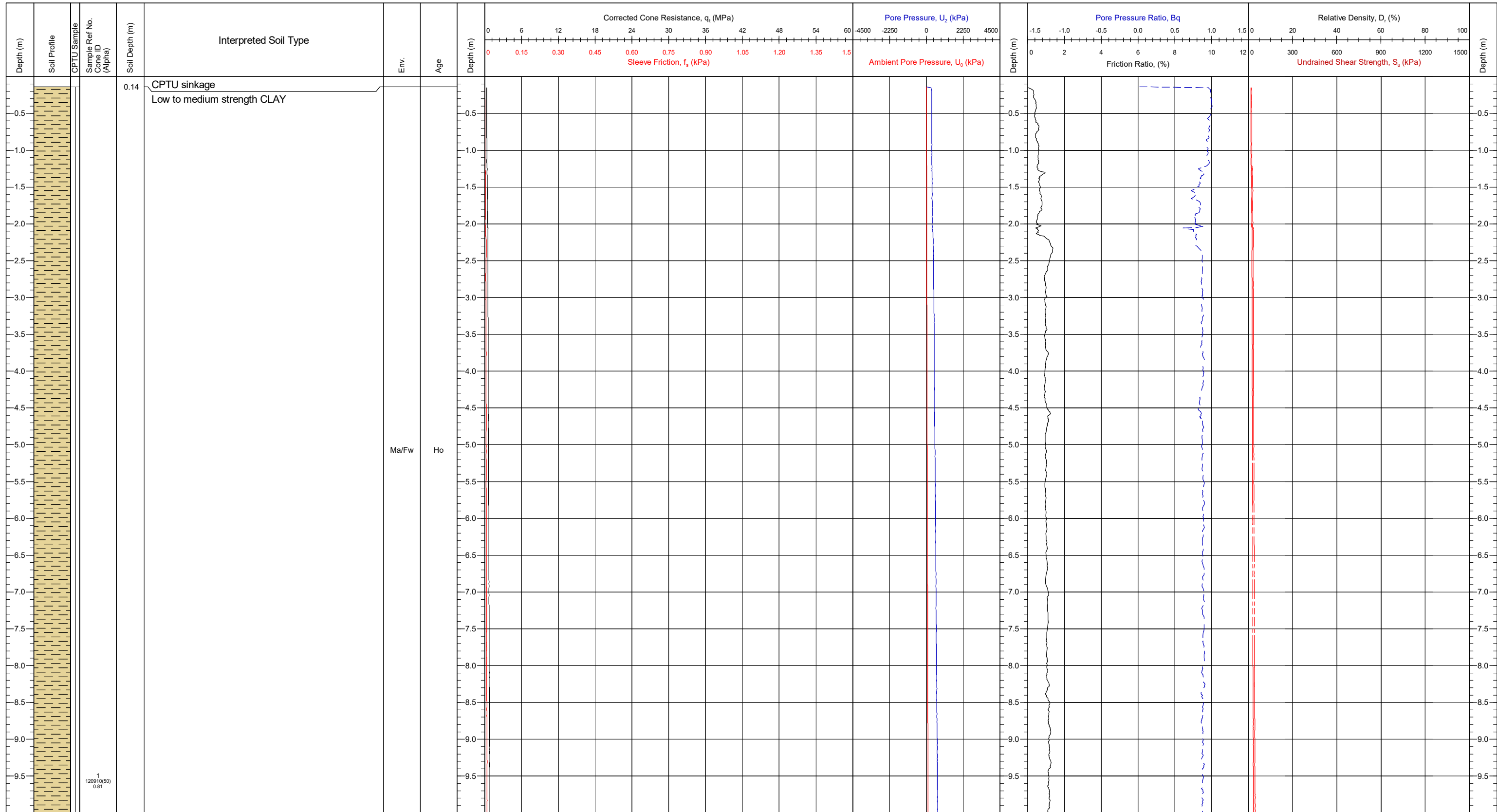
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.6	Comments: OSS1 was completed to a depth of 47.95m~ at which point it was terminated due to loss of communication with the cone. Cone class 4			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021						
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	100415 (50cm ²) / 0.80				Page: 5/5		
Method	20 kN Sea bed CPT	Base Inclination	X = 0.0° / Y = 0.0°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



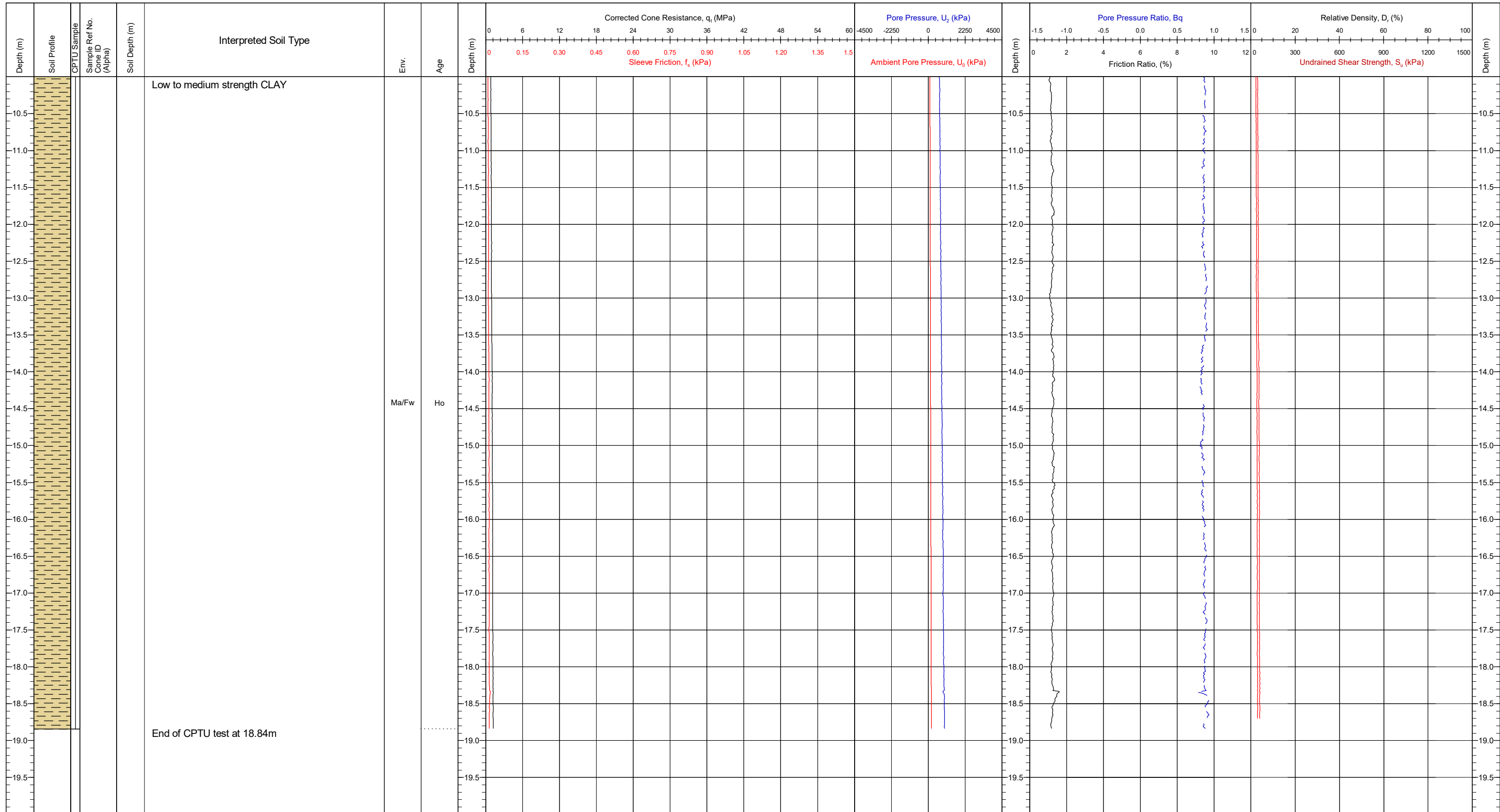
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	674182.4E 6265890.9N	CRS: ETRS89	QC Status			CPT Name OSS 1a
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 1. Test terminated at operators discretion due to increasing cone inclination. Final depth 18.70m	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	120910 (50cm ²) / 0.81					
Method	20 kN Sea bed CPT	Base Inclination	X = -0.6° / Y = 1.6°		Page: 1/2			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

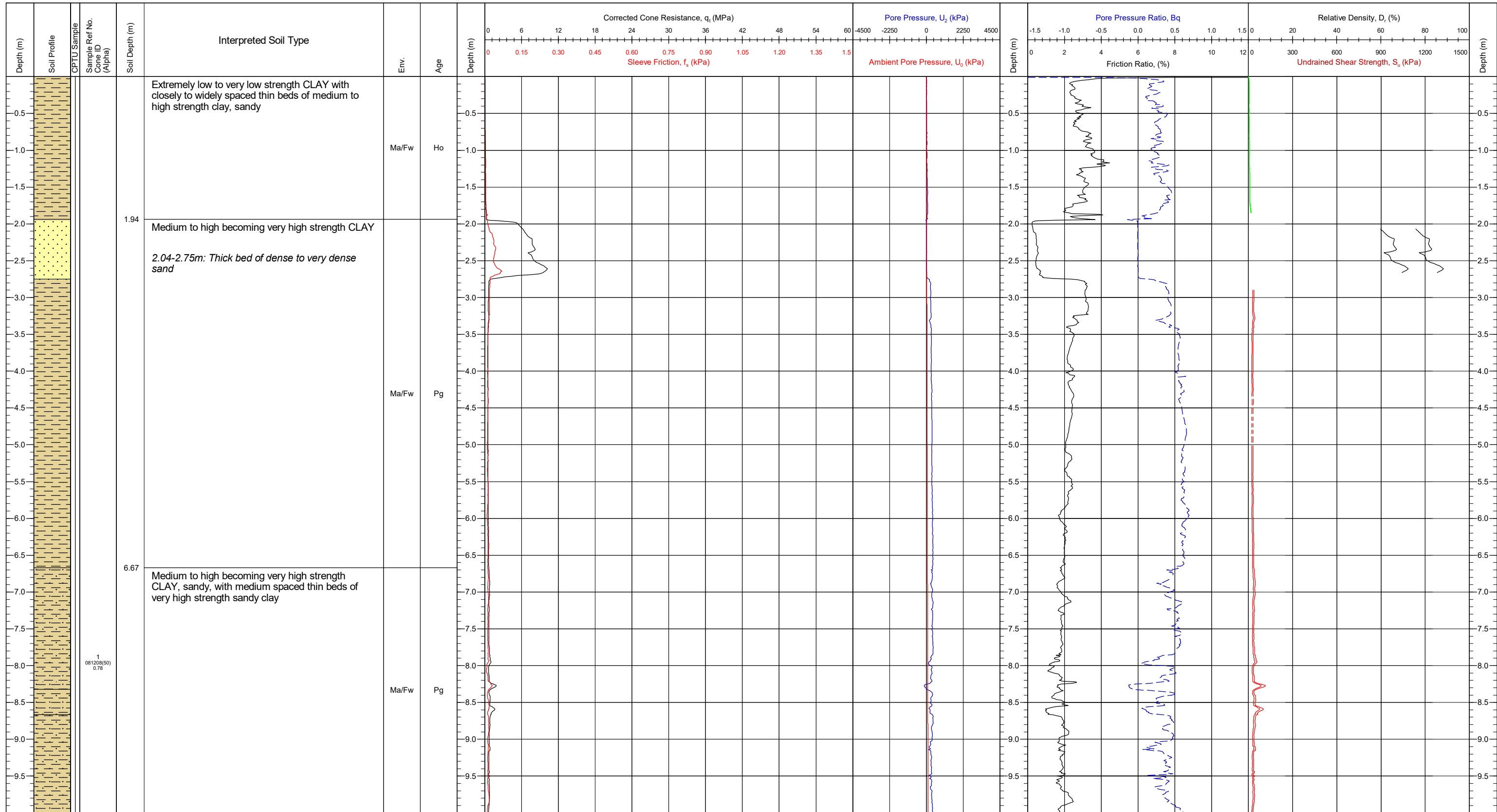
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_v : 12.5 - 16.5
 N_s : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	674182.4E 6265890.9N	CRS: ETRS89	QC Status			CPT Name OSS 1a
Contract	11596	Water Depth (mMSL)	31.6	Comments: Cone class 1. Test terminated at operators discretion due to increasing cone inclination. Final depth 18.70m	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	25/04/2021		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120910 (50cm ³) / 0.81					
Method	20 kN Sea bed CPT	Base Inclination	X = -0.6° / Y = 1.6°		Page: 2/2			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



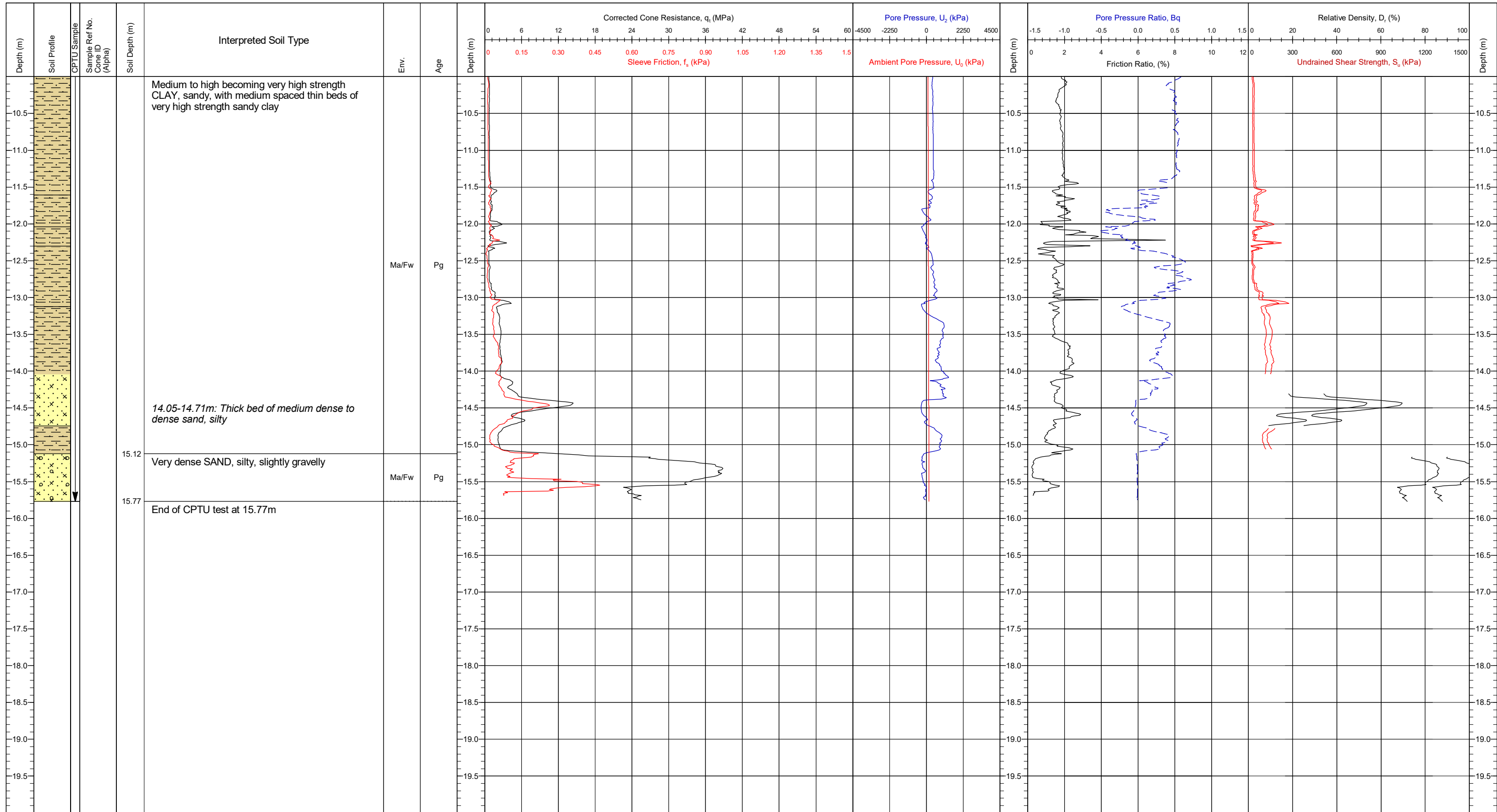
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	674909.6E 6253669.9N	CRS: ETRS89	QC Status			CPT Name OSS 2
Contract	11596	Water Depth (mMSL)	30.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 15.84m. Test terminated at operators discretion due to a lack of lateral rod support from mudline~ resulting in a high risk of buckling rods when encountering very dense sands	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	081208 (50cm ²) / 0.78					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.0° / Y = 1.0°		Page: 1/2			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



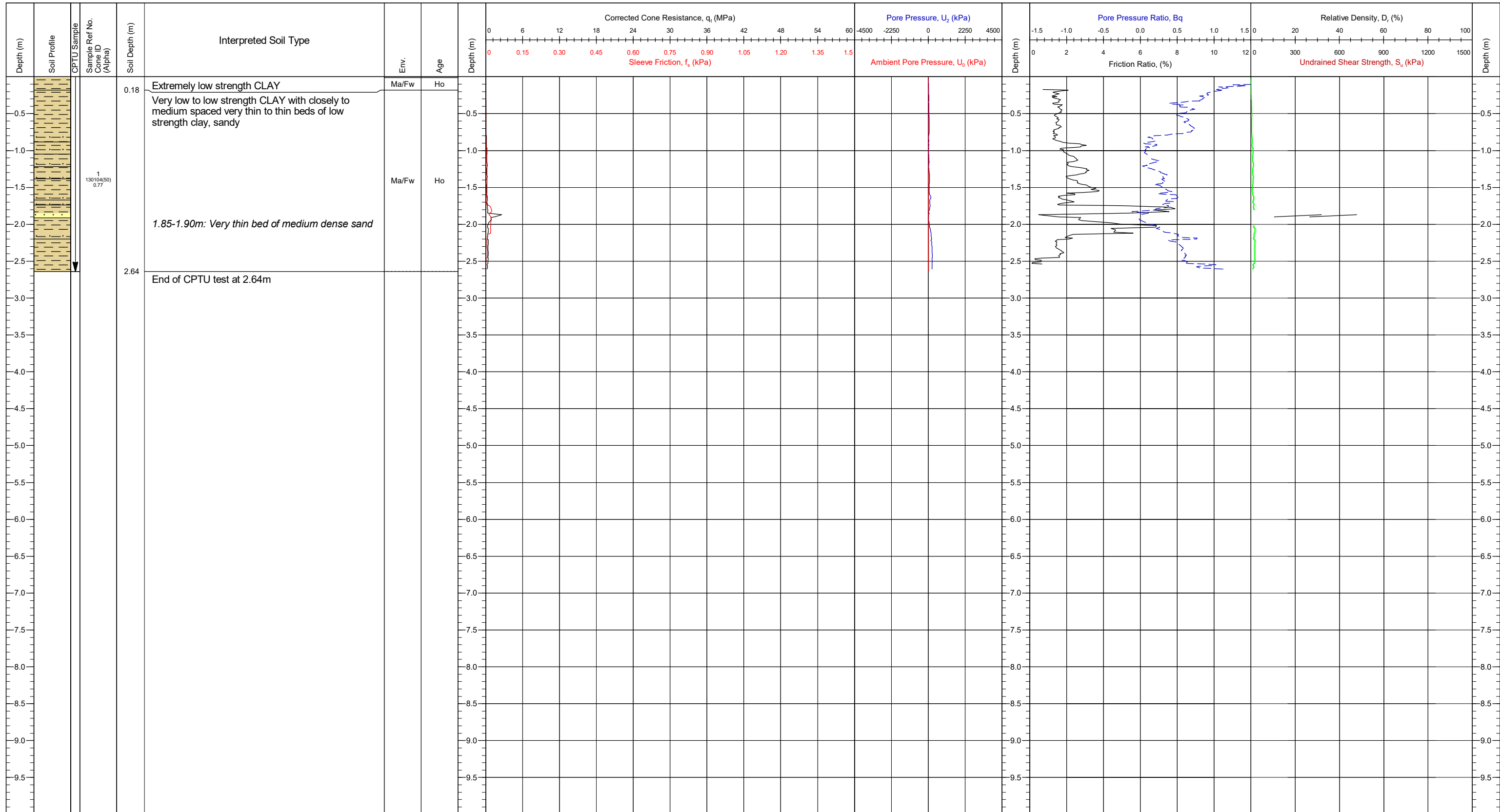
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	674909.6E 6253669.9N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.0	Comments: Cone class 1. Continuous seabed CPT. Final depth 15.84m. Test terminated at operators discretion due to a lack of lateral rod support from mudline~ resulting in a high risk of buckling rods when encountering very dense sands	Preliminary	Draft	Final	OSS 2
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	27/04/2021		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	081208 (50cm ²) / 0.78					Page: 2/2
Method	20 kN Sea bed CPT	Base Inclination	X = 1.0° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

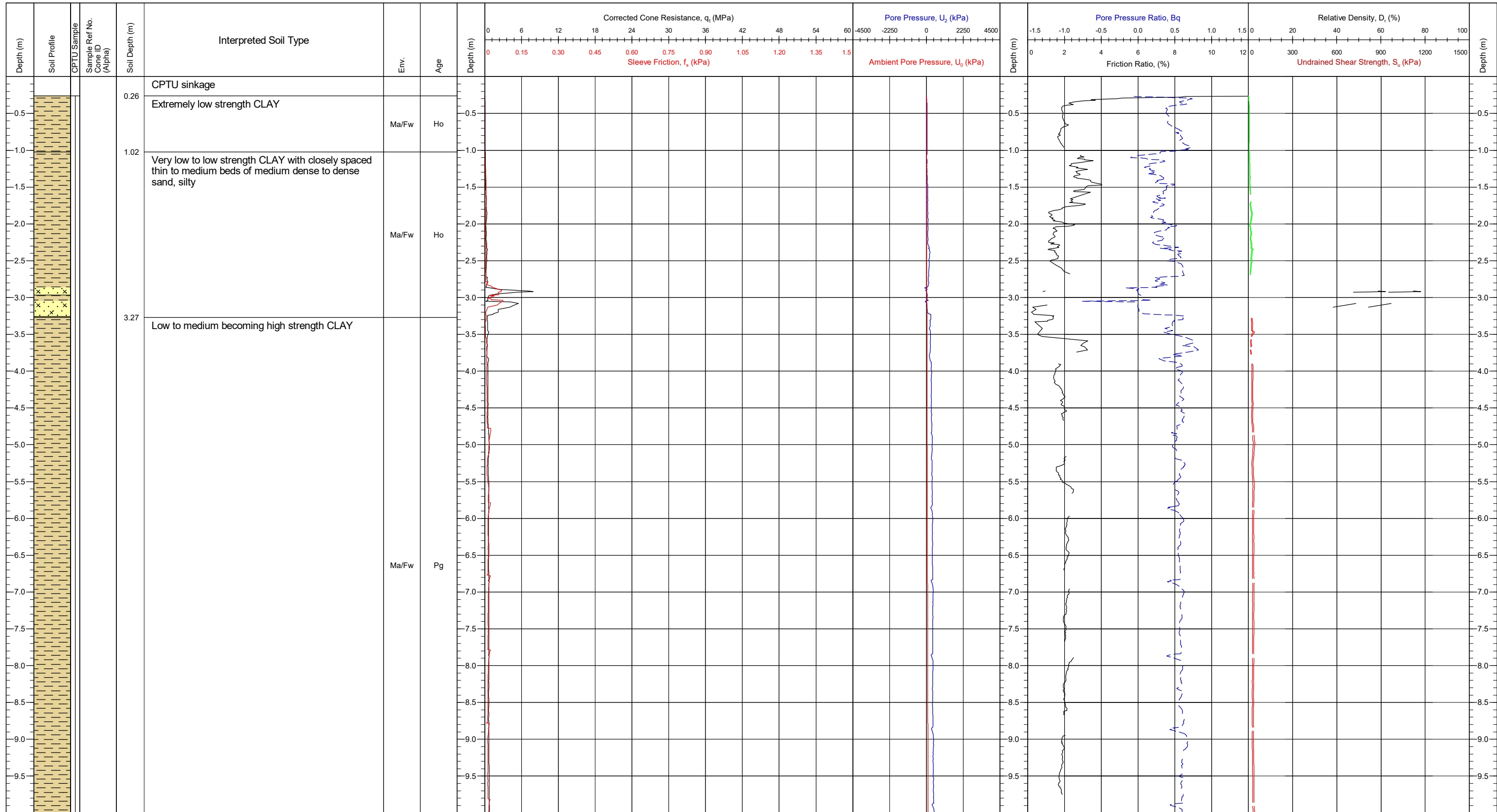
Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	681923.1E 6249312.9N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.2	Comments: Cone Class 1. Continous Seismic CPT. Final depth 2.64m. Test was terminated due to seismic source communication issue.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	28/04/2021		JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130104 (50cm ²) / 0.77					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 1/1			

2.4 Seabed SCPTU Logs

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



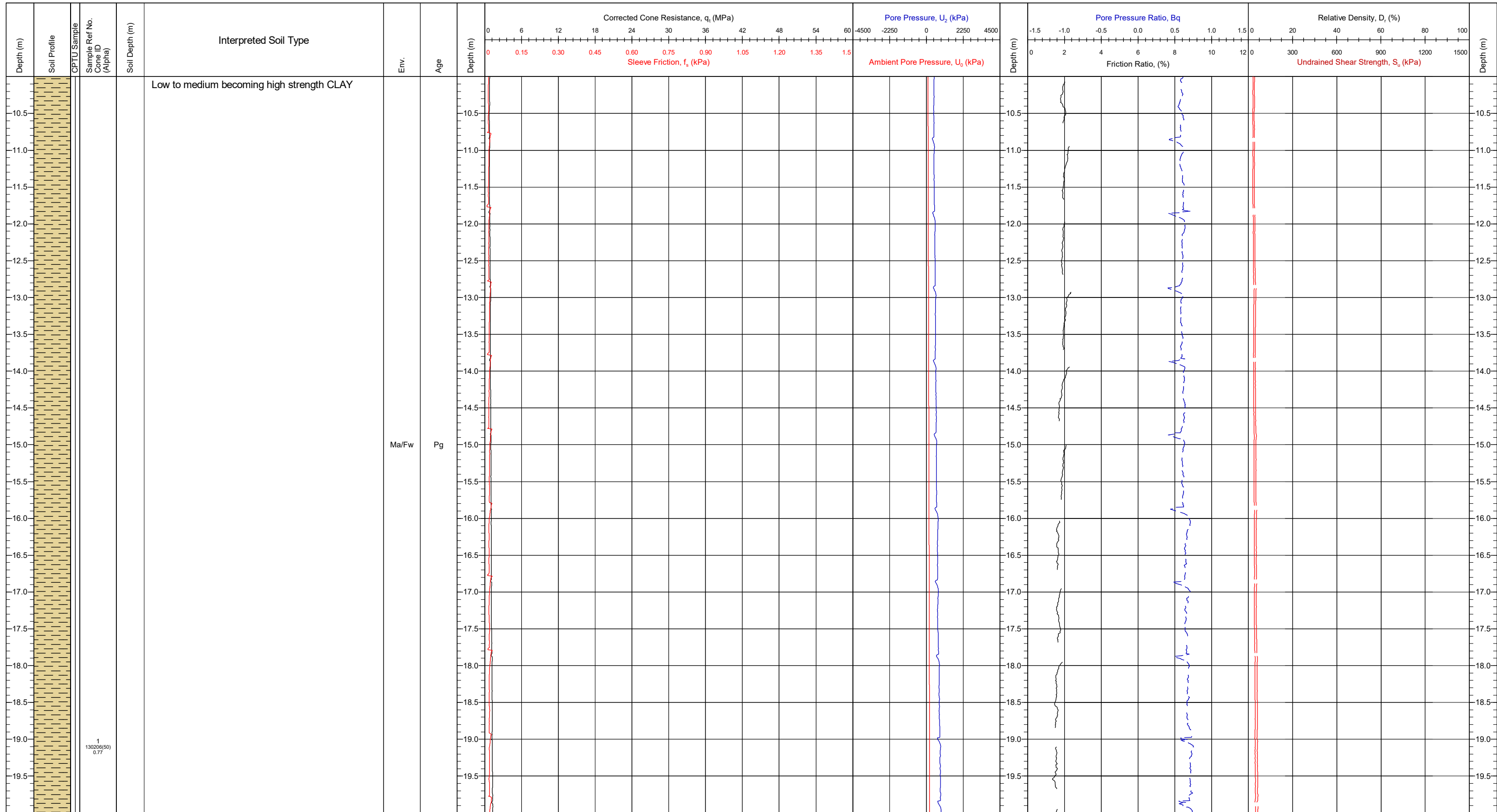
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	681923.4E 6249306.6N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Preliminary	Draft	Final	SCPT1a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	05/05/2021		JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (50cm ²) / 0.77					Page: 1/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



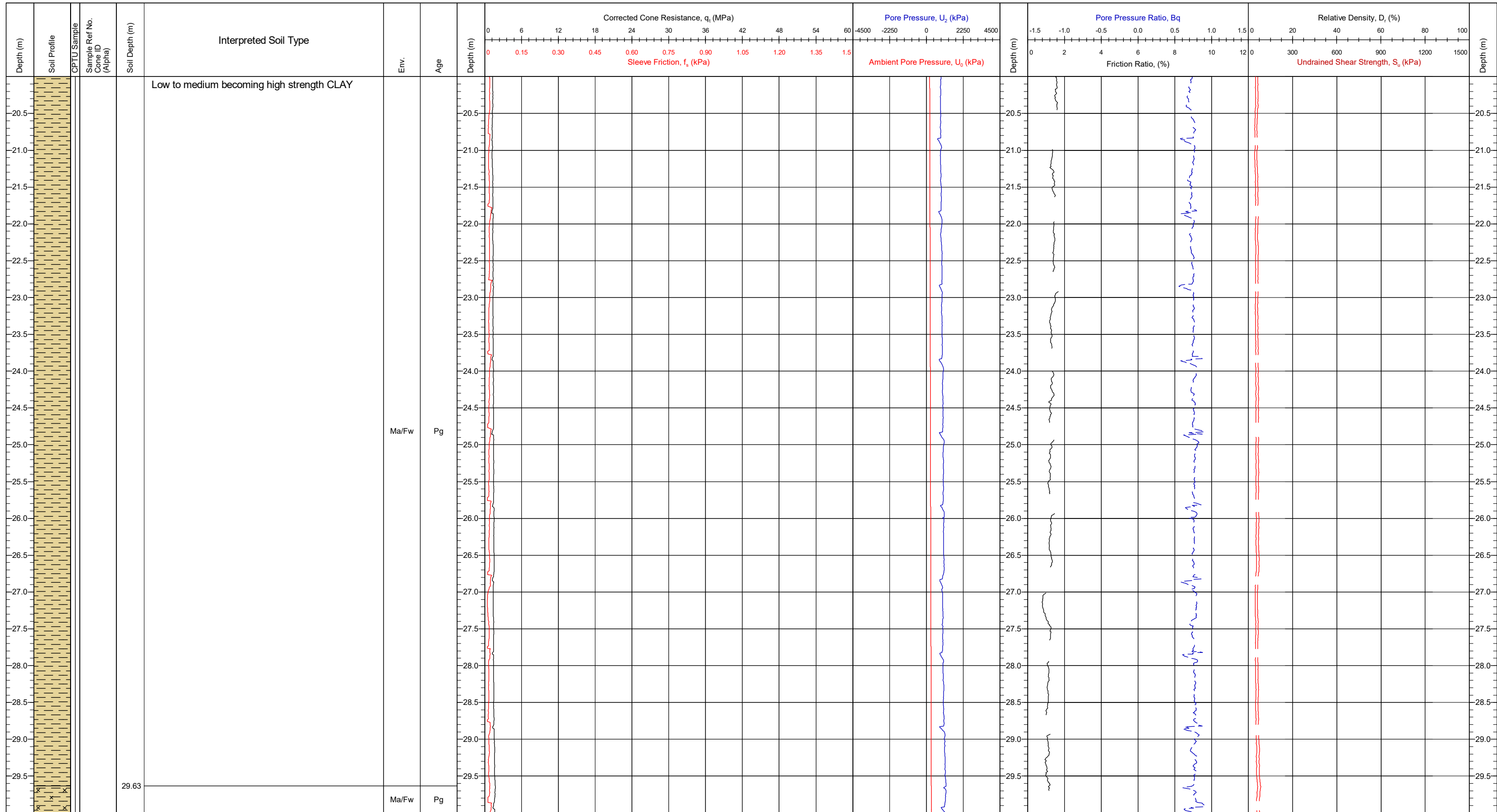
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	681923.4E 6249306.6N	CRS: ETRS89		
Contract	11596	Water Depth (mMSL)	31.7		Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°			
					QC Status	Preliminary Draft Final JK/BC (06/05/2021) DR (10/06/2021) SMc (10/11/2021)
					CPT Name	
Page: 2/4						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



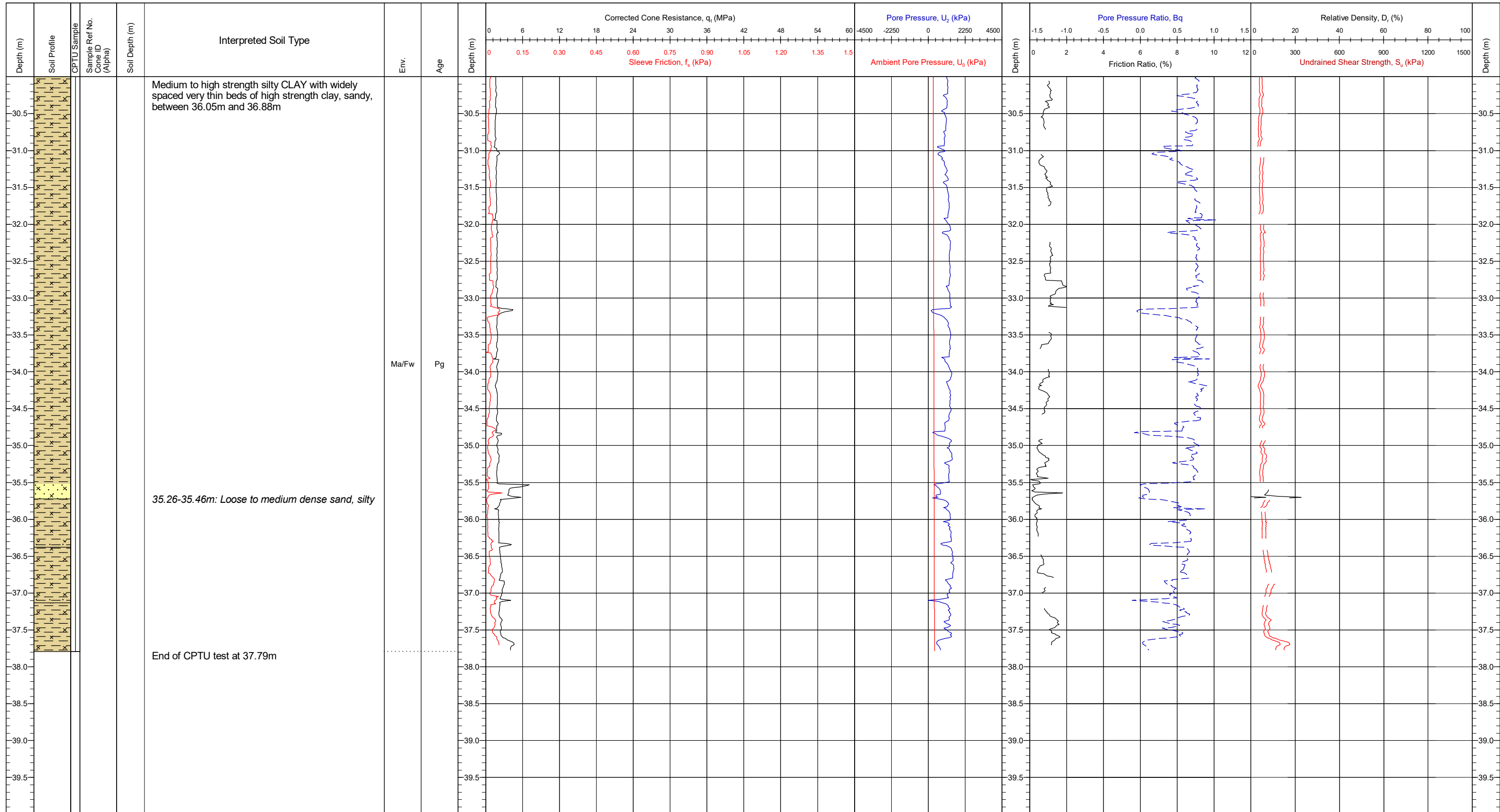
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	681923.4E 6249306.6N	CRS: ETRS89	QC Status	CPT Name	
Contract	11596	Water Depth (mMSL)	31.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Preliminary	SCPT1a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	05/05/2021		Draft		Final
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ³) / 0.77		JK/BC	DR	SMc
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		(06/05/2021)	(10/06/2021)	(10/11/2021)
						Page: 3/4	

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



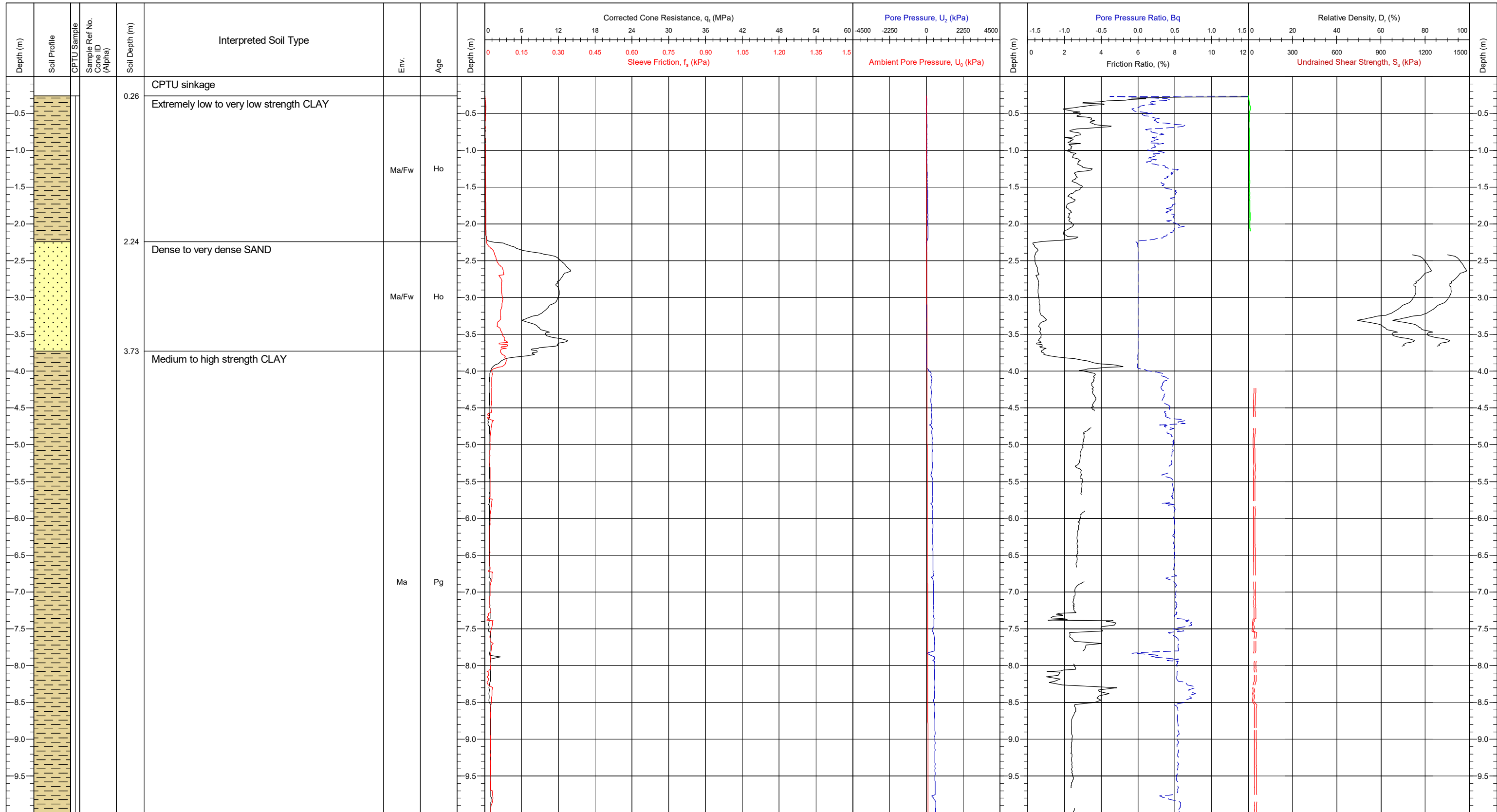
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	681923.4E 6249306.6N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support			Preliminary	Draft	Final	SCPT1a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	05/05/2021							
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130206 (50cm ²) / 0.77				JK/BC (06/05/2021)	DR (10/06/2021)	SMC (10/11/2021)	Page: 4/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



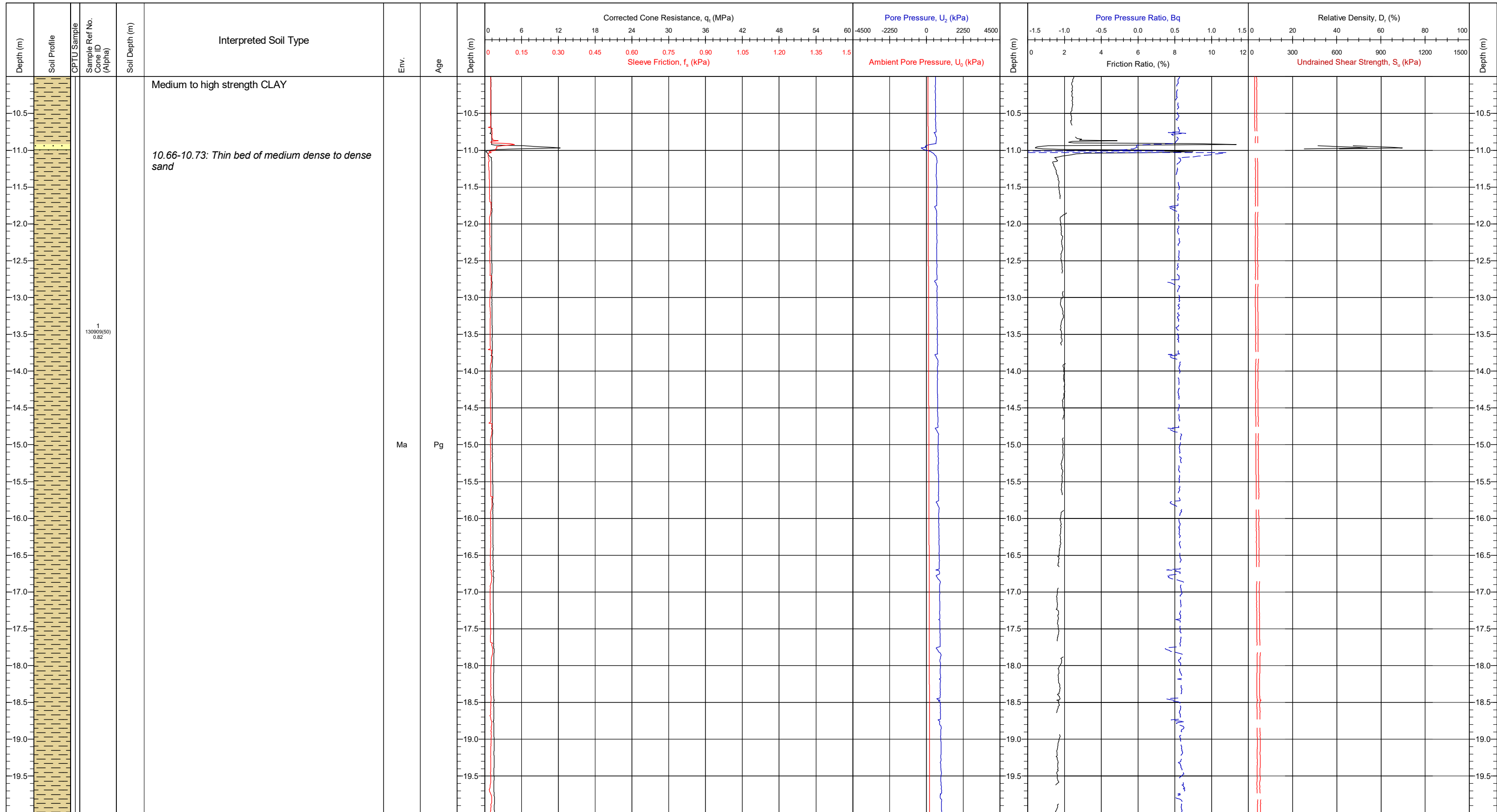
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	673302.0E 6252306.8N	CRS: ETRS89	QC Status			CPT Name SCPT2
Contract	11596	Water Depth (mMSL)	28.8	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	04/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	130909 (50cm ²) / 0.82					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°		Page: 1/3			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

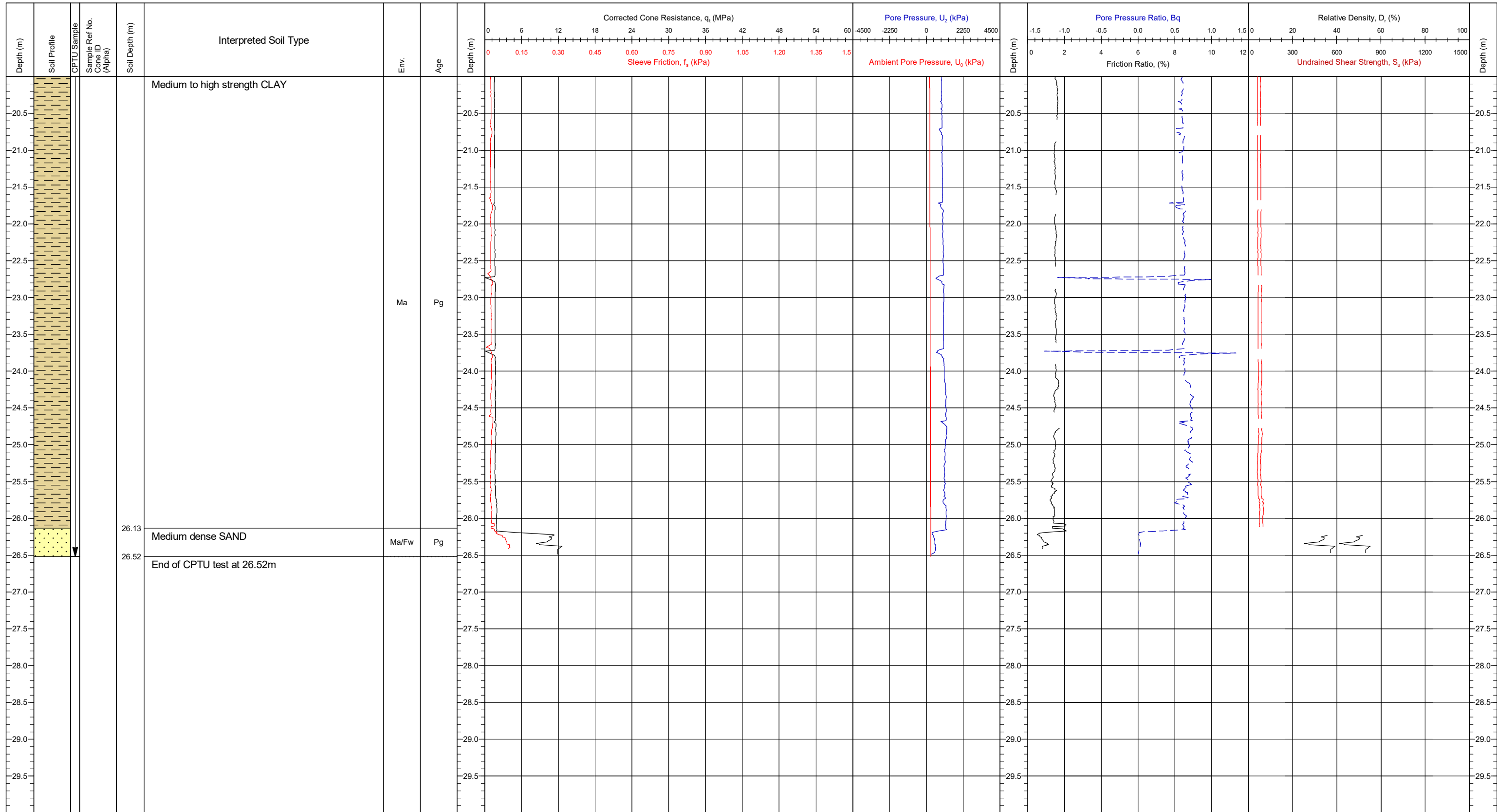
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	673302.0E 6252306.8N	CRS: ETRS89	QC Status			CPT Name SCPT2
Contract	11596	Water Depth (mMSL)	28.8	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	04/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/α Factor	130909 (50cm ²) / 0.82					Page: 2/3
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



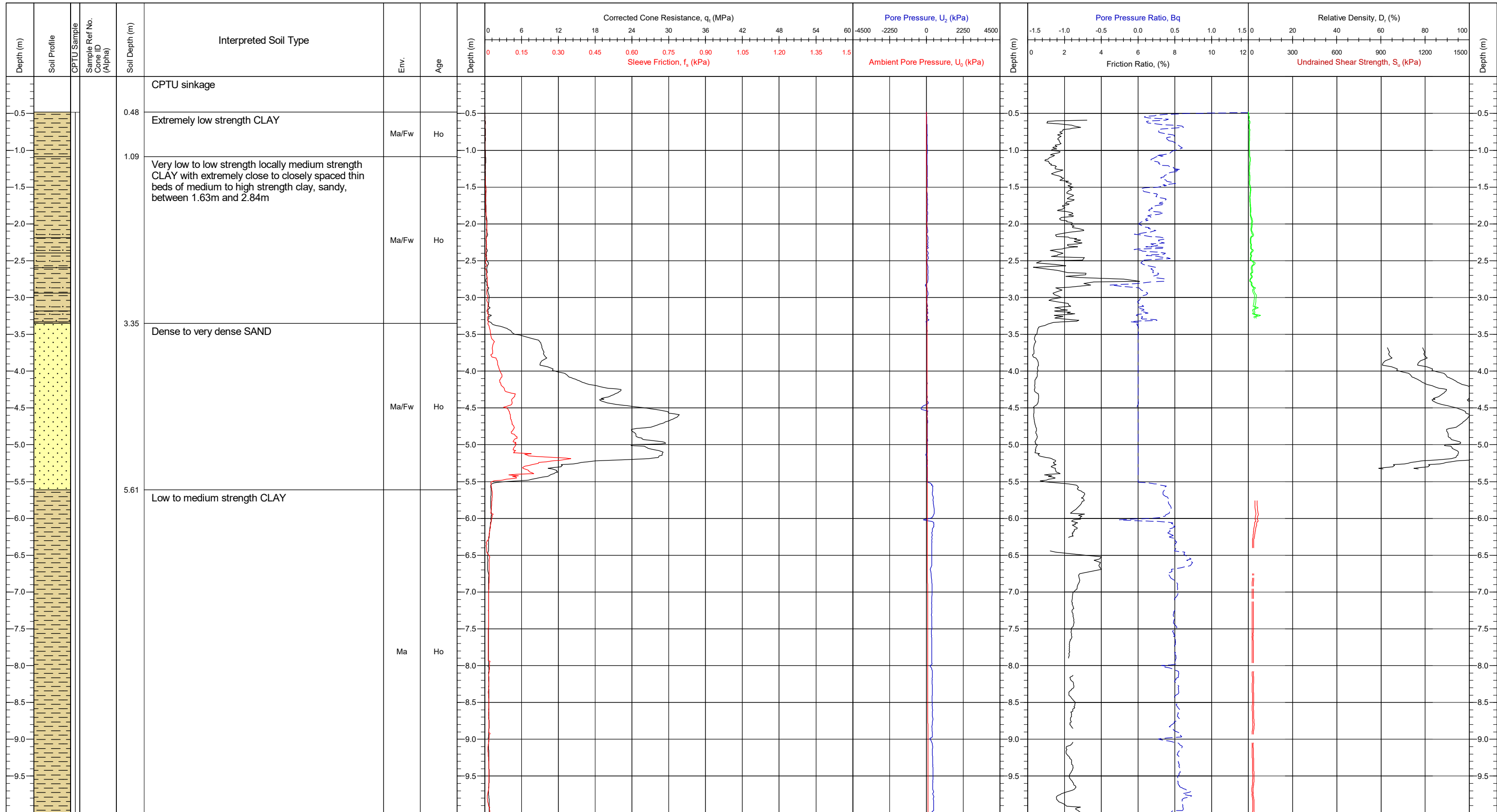
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	673302.0E 6252306.8N	CRS: ETRS89	QC Status			CPT Name SCPT2
Contract	11596	Water Depth (mMSL)	28.8	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	04/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°		Page: 3/3			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

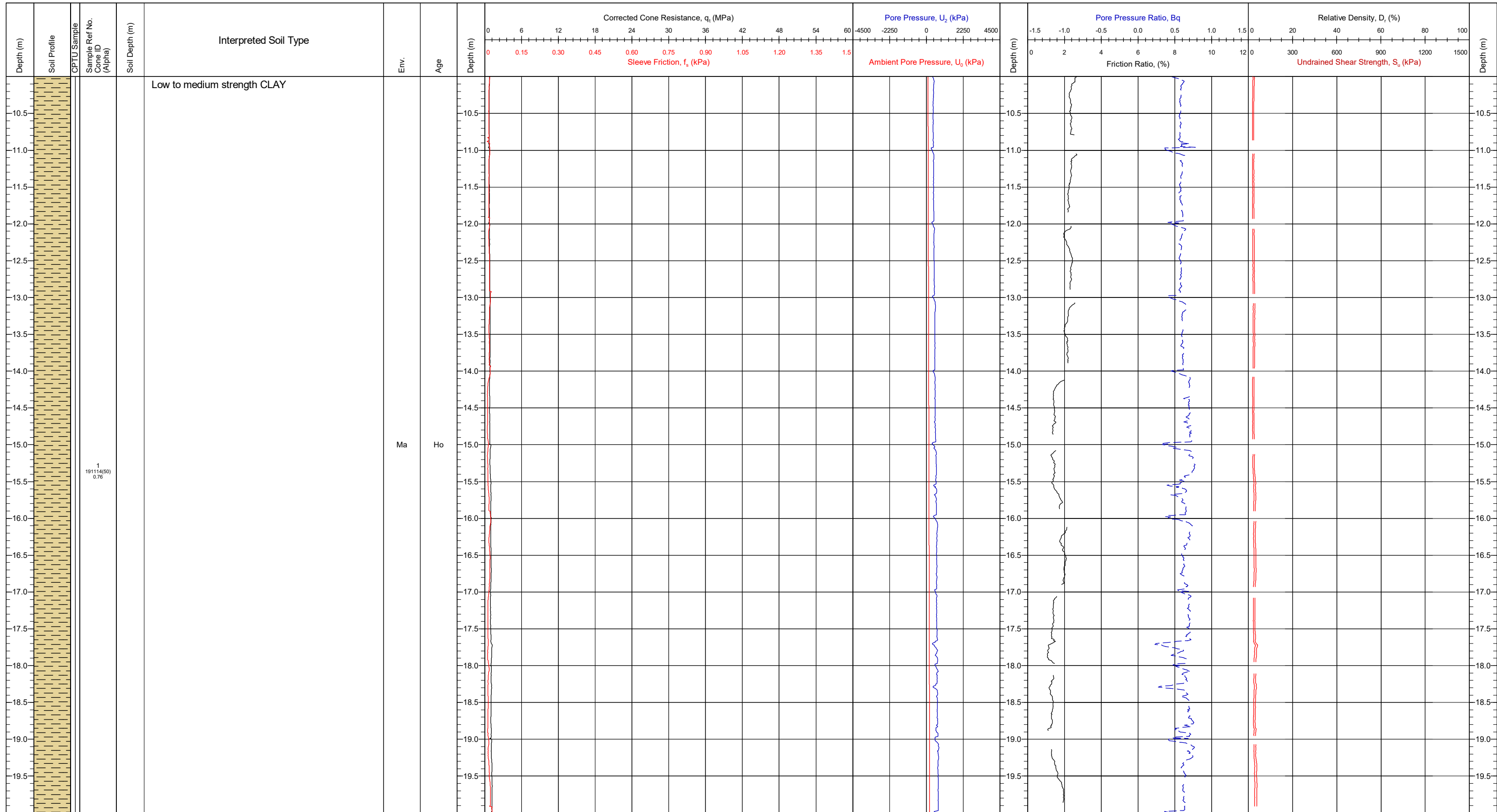
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	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	665881.4E 6256363.1N	CRS:	ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	27.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due to increasing total load and a lack of lateral rod support from mudline			Preliminary	Draft	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	06/05/2021						
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76						
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°						

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

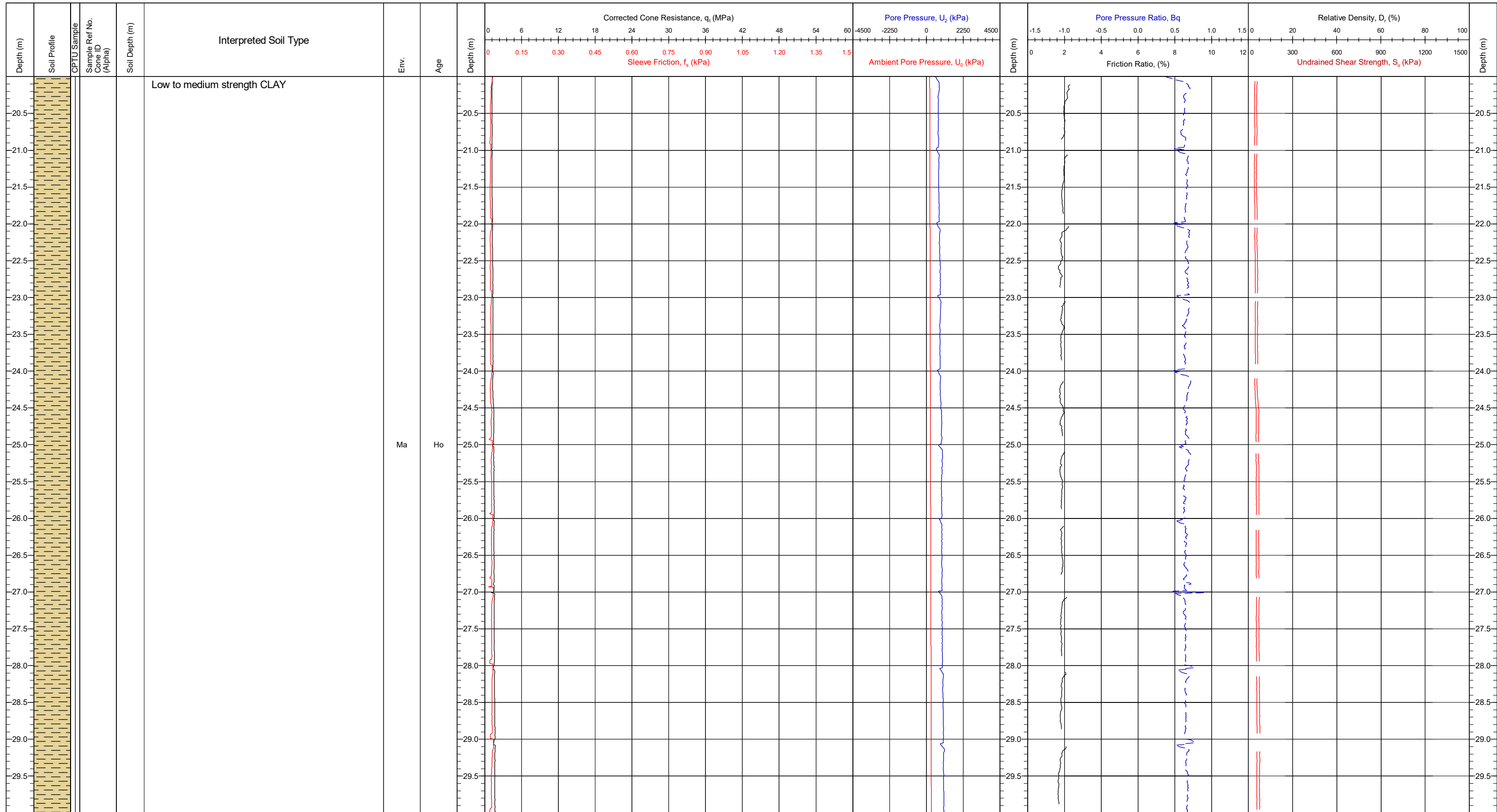
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{15} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_r : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	665881.4E 6256363.1N	CRS: ETRS89								
Contract	11596	Water Depth (mMSL)	27.7		Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	06/05/2021									
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76									
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°									
					QC Status	CPT Name						
					<table border="1" style="font-size: x-small;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC (07/05/2021)</td> <td>DR (10/06/2021)</td> <td>SMc (10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	SCPT5
Preliminary	Draft	Final										
JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)										
					Page: 2/4							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

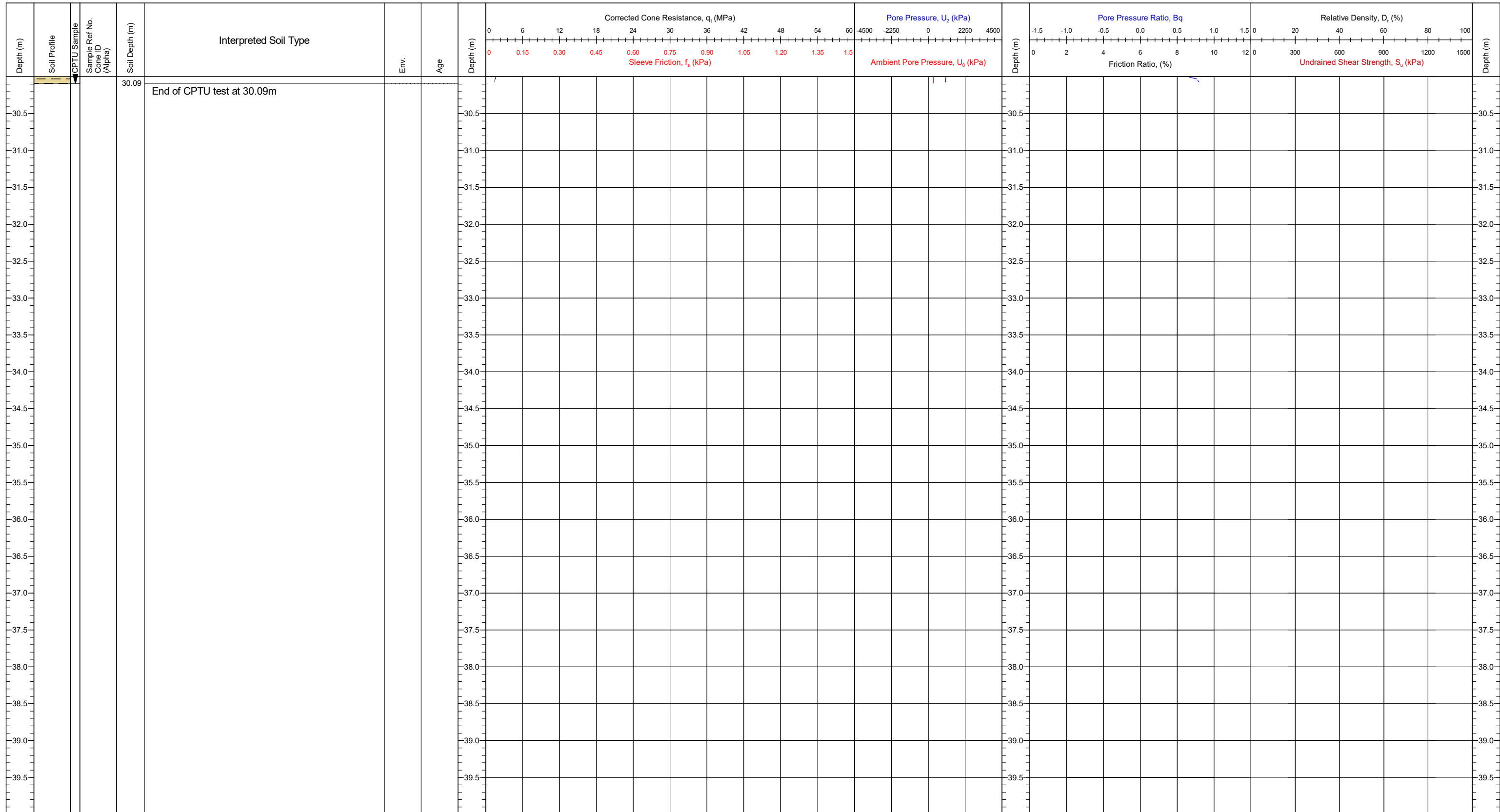
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_c : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	665881.4E 6256363.1N	CRS: ETRS89								
Contract	11596	Water Depth (mMSL)	27.7		Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	06/05/2021									
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76									
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°									
					QC Status	CPT Name						
					<table border="1" style="font-size: x-small; width: 100%;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC (07/05/2021)</td> <td>DR (10/06/2021)</td> <td>SMc (10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	SCPT5
Preliminary	Draft	Final										
JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)										
					Page: 3/4							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



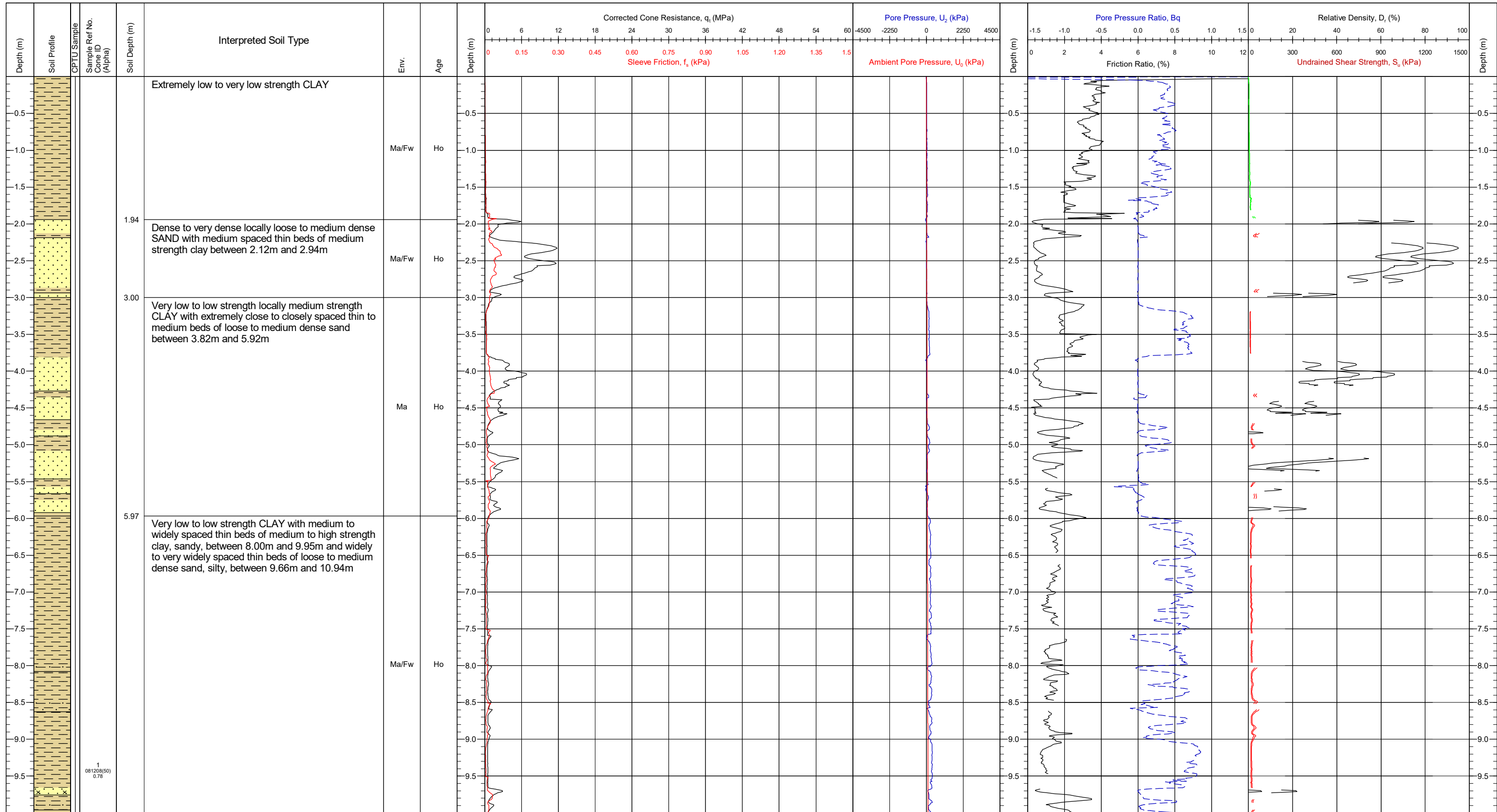
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	665881.4E 6256363.1N	CRS: ETRS89	QC Status		CPT Name	
Contract	11596	Water Depth (mMSL)	27.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	06/05/2021		JK/BC <small>(07/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>	SCPT5
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	191114 (50cm ²) / 0.76					Page: 4/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



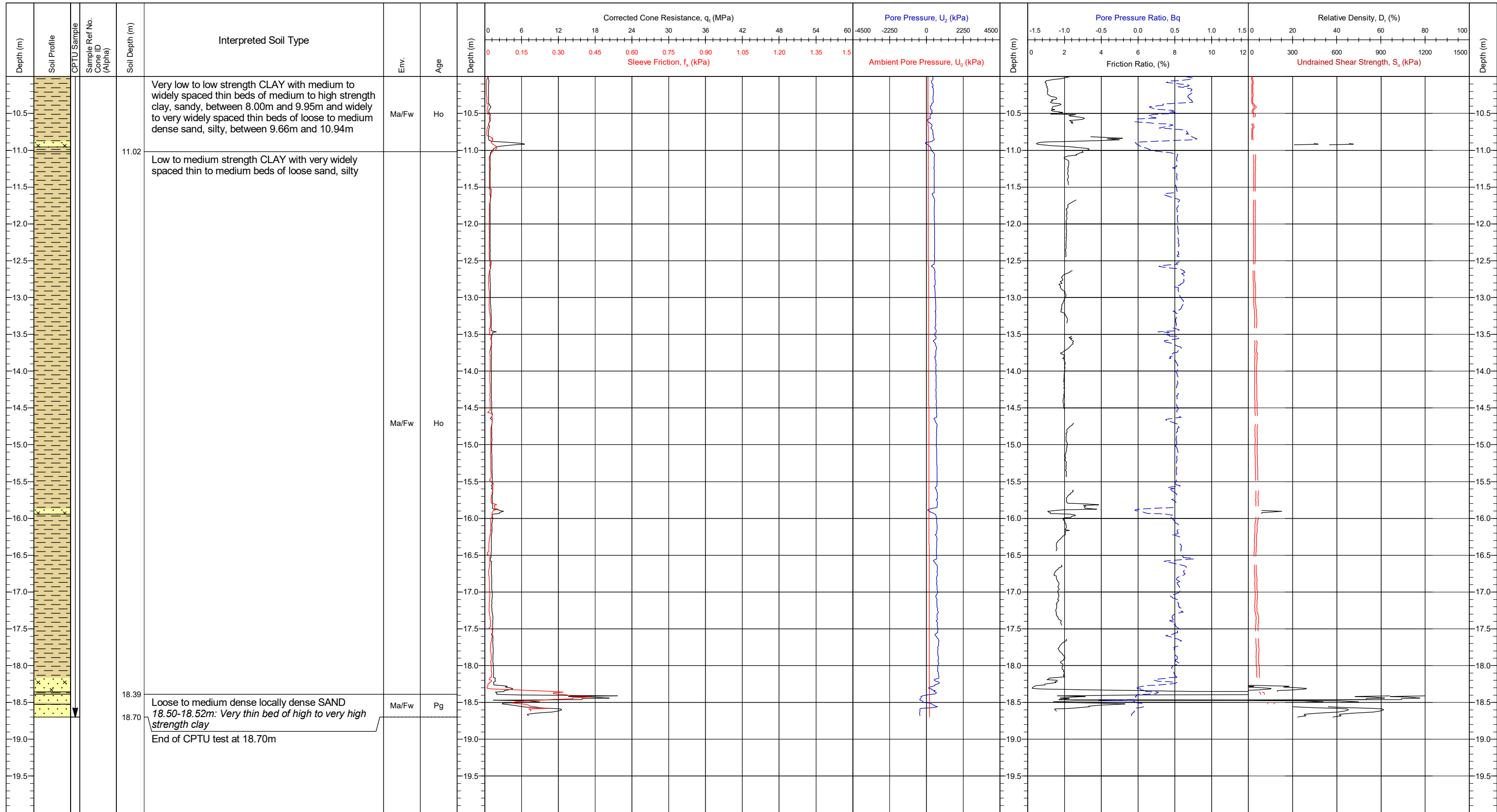
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	675126.2E 6262391.1N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre			Preliminary	Draft	Final	SCPT17
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	081208 (50cm ³) / 0.78							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°							
							JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 1/2

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



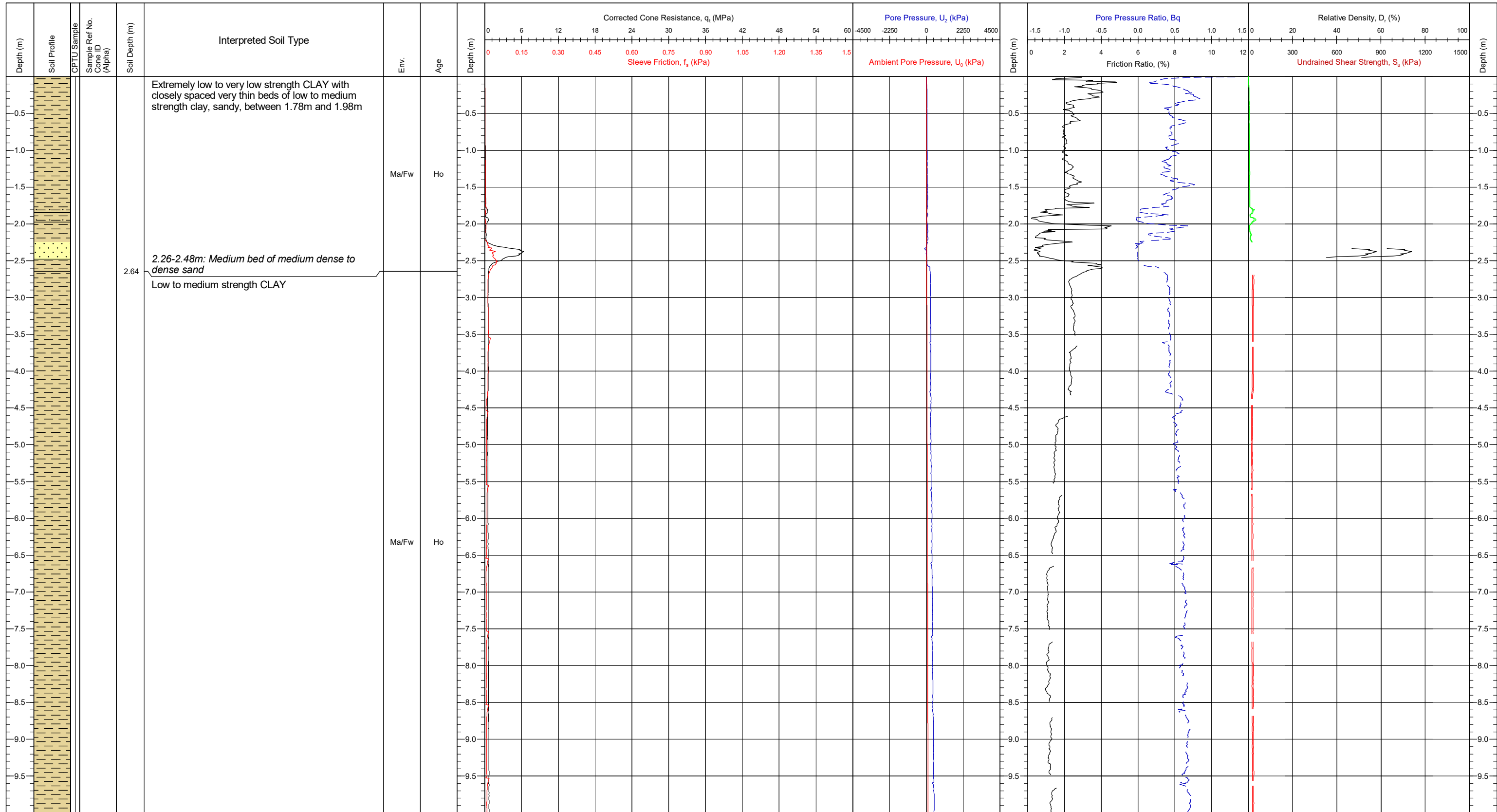
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_c : 0.5 - 2.0 N_c : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	675126.2E 6262391.1N	CRS: ETRS89	QC Status			CPT Name SCPT17
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021		JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	081208 (50cm ²) / 0.78					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 2/2			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



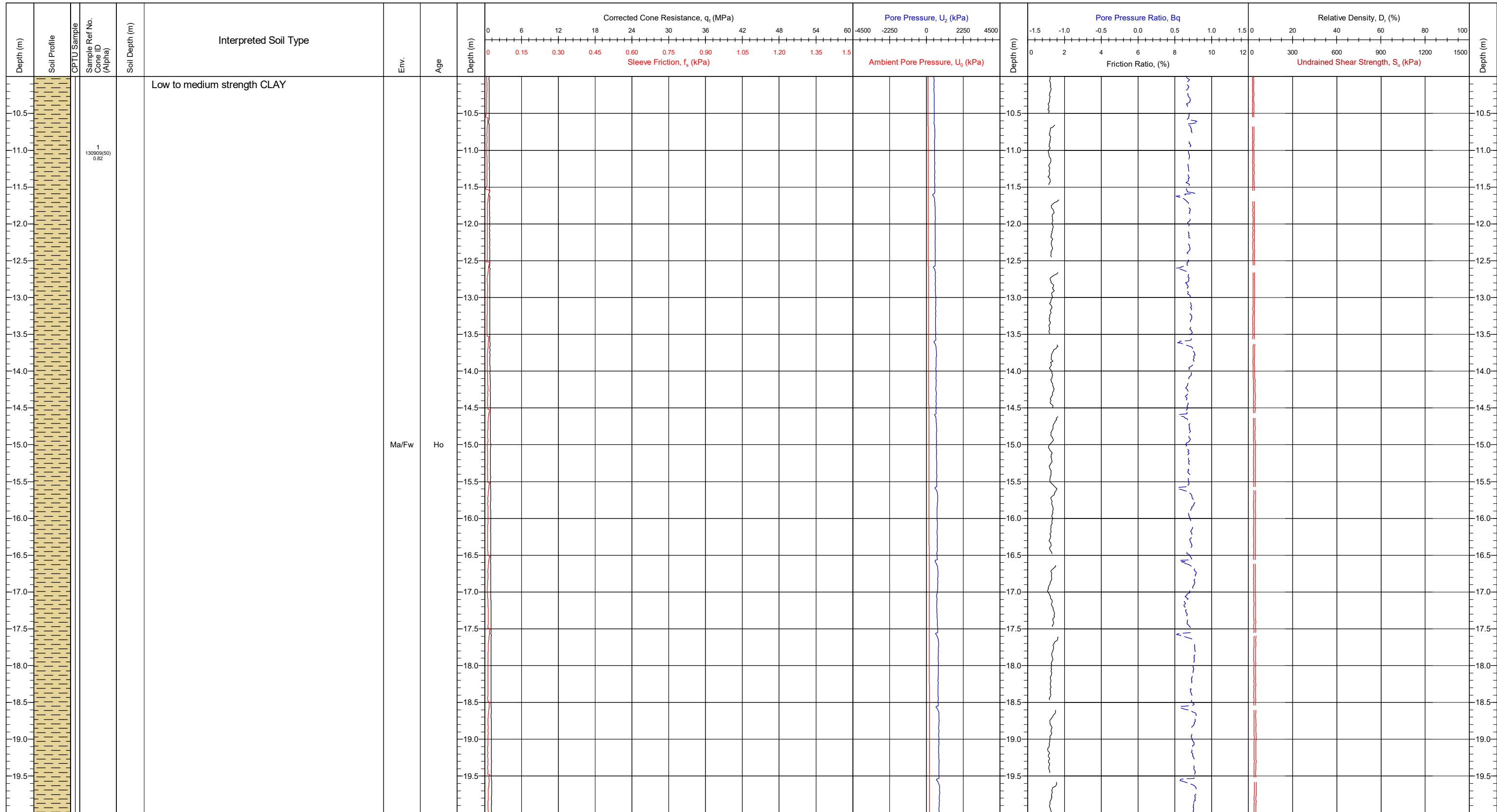
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	670633.3E 6266454.1N	CRS:	ETRS89	QC Status			CPT Name SCPT19	
Contract	11596	Water Depth (mMSL)	30.8	Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached			Preliminary	Draft		Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021				JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 1/3
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°							

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

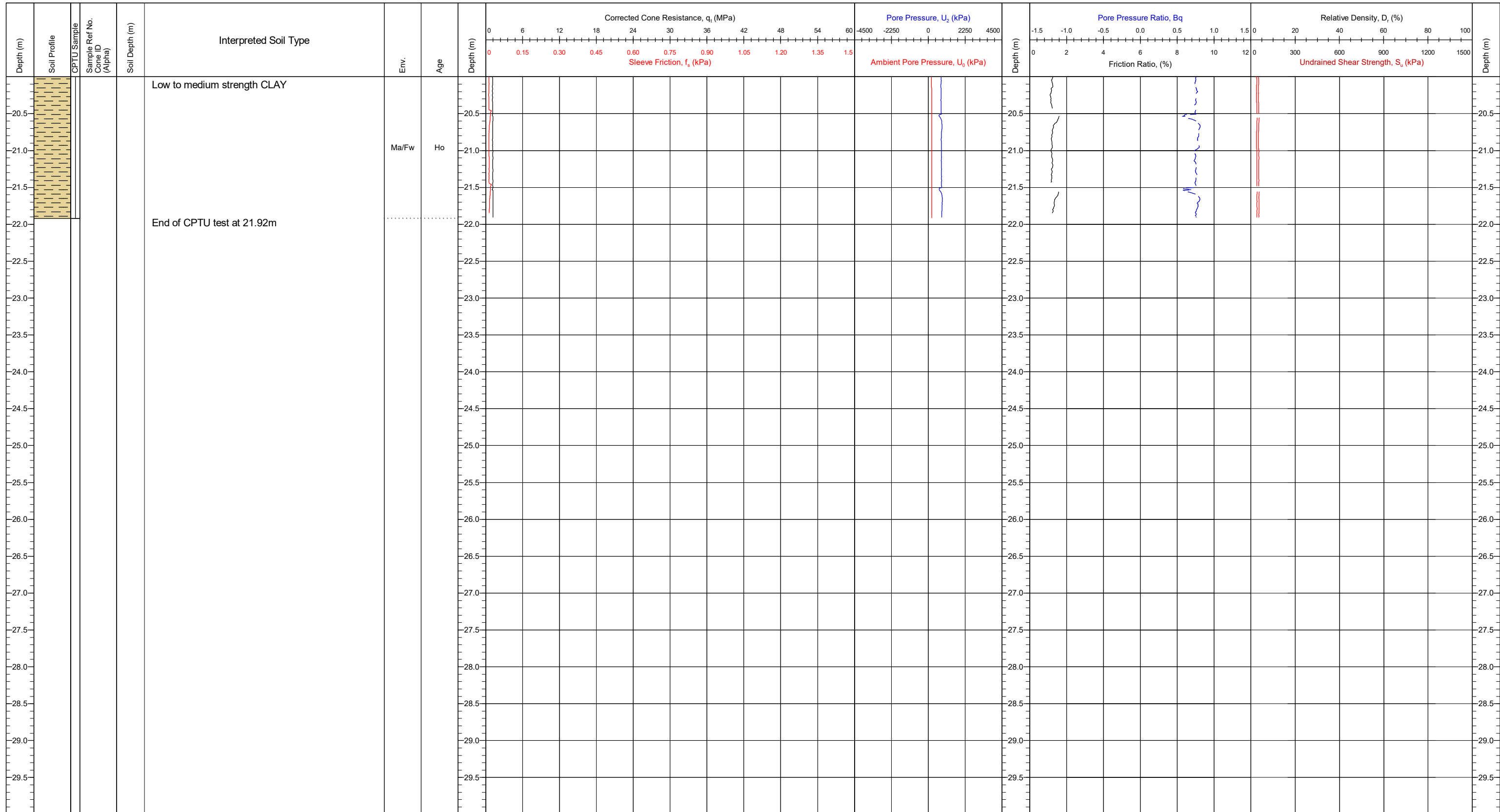
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	670633.3E 6266454.1N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	30.8	Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached			Preliminary	Draft	Final	SCPT19
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130909 (50cm ²) / 0.82							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°				JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 2/3

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



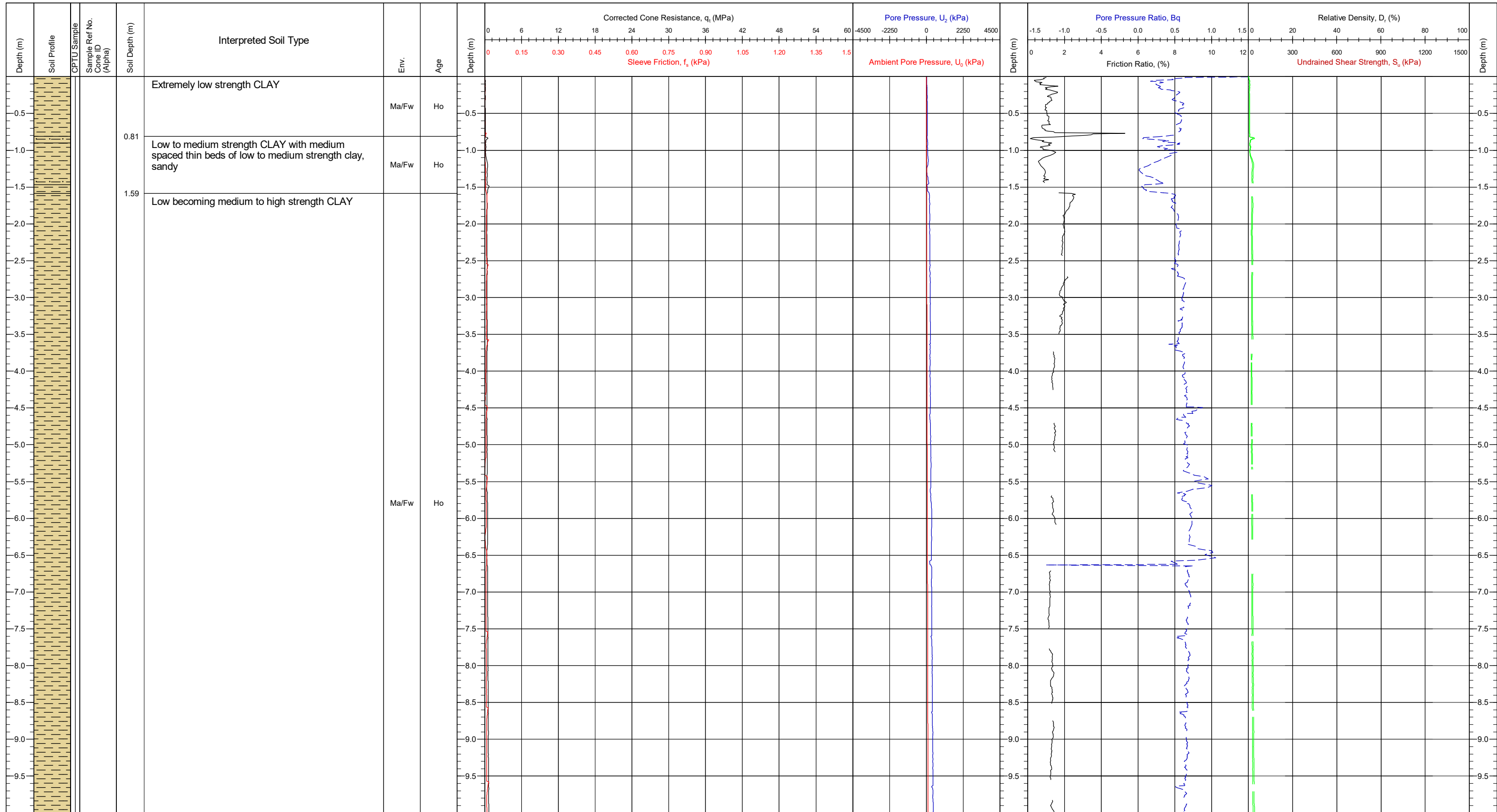
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	670633.3E 6266454.1N	CRS: ETRS89	QC Status		CPT Name	
Contract	11596	Water Depth (mMSL)	30.8	Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021		JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	SCPT19
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	130909 (50cm ²) / 0.82					Page: 3/3
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

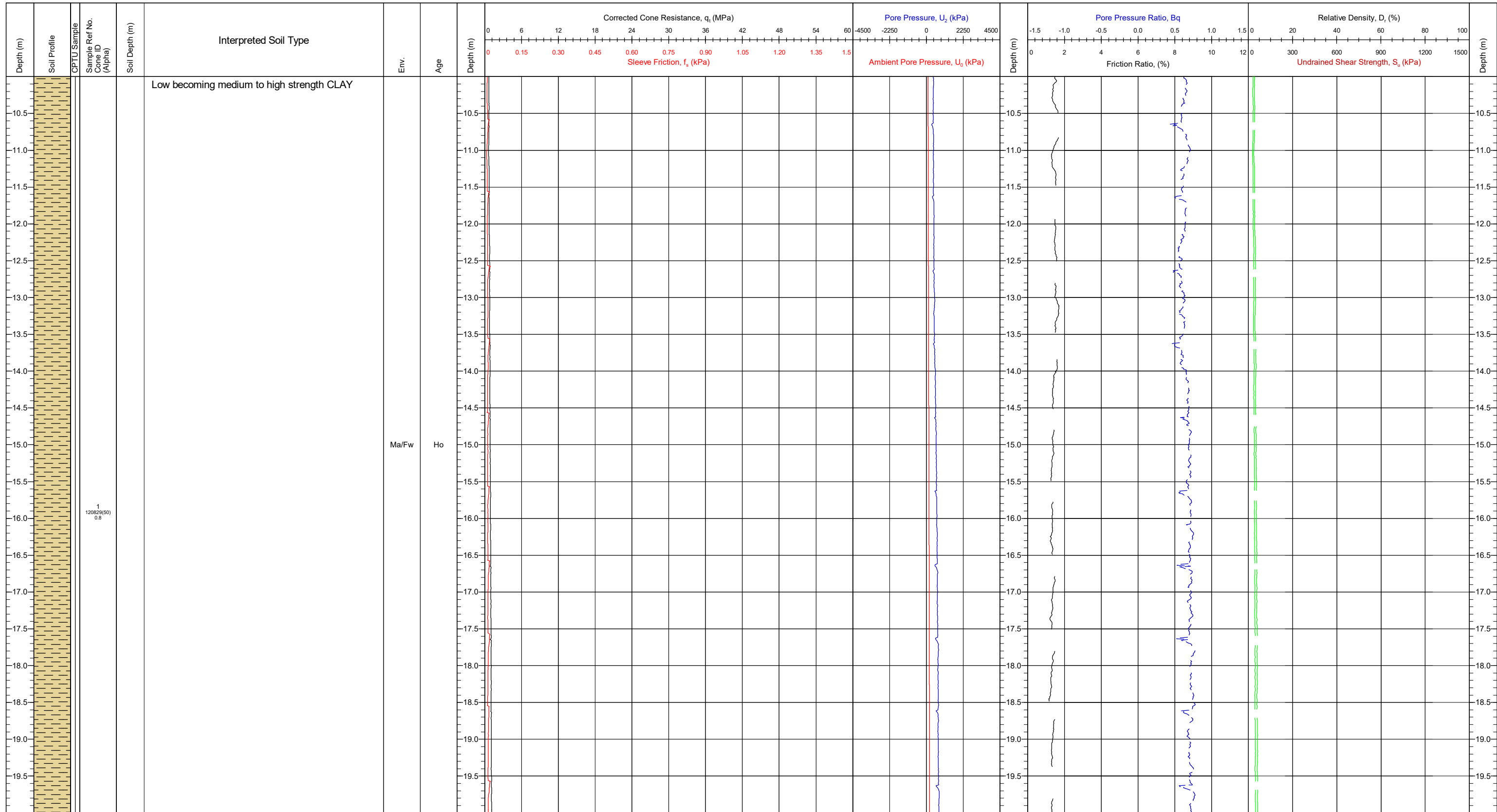
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	677715.3E 6266260.7N	CRS: ETRS89	QC Status			CPT Name SCPT21
Contract	11596	Water Depth (mMSL)	32.5	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	120829 (50cm ²) / 0.80					Page: 1/4
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



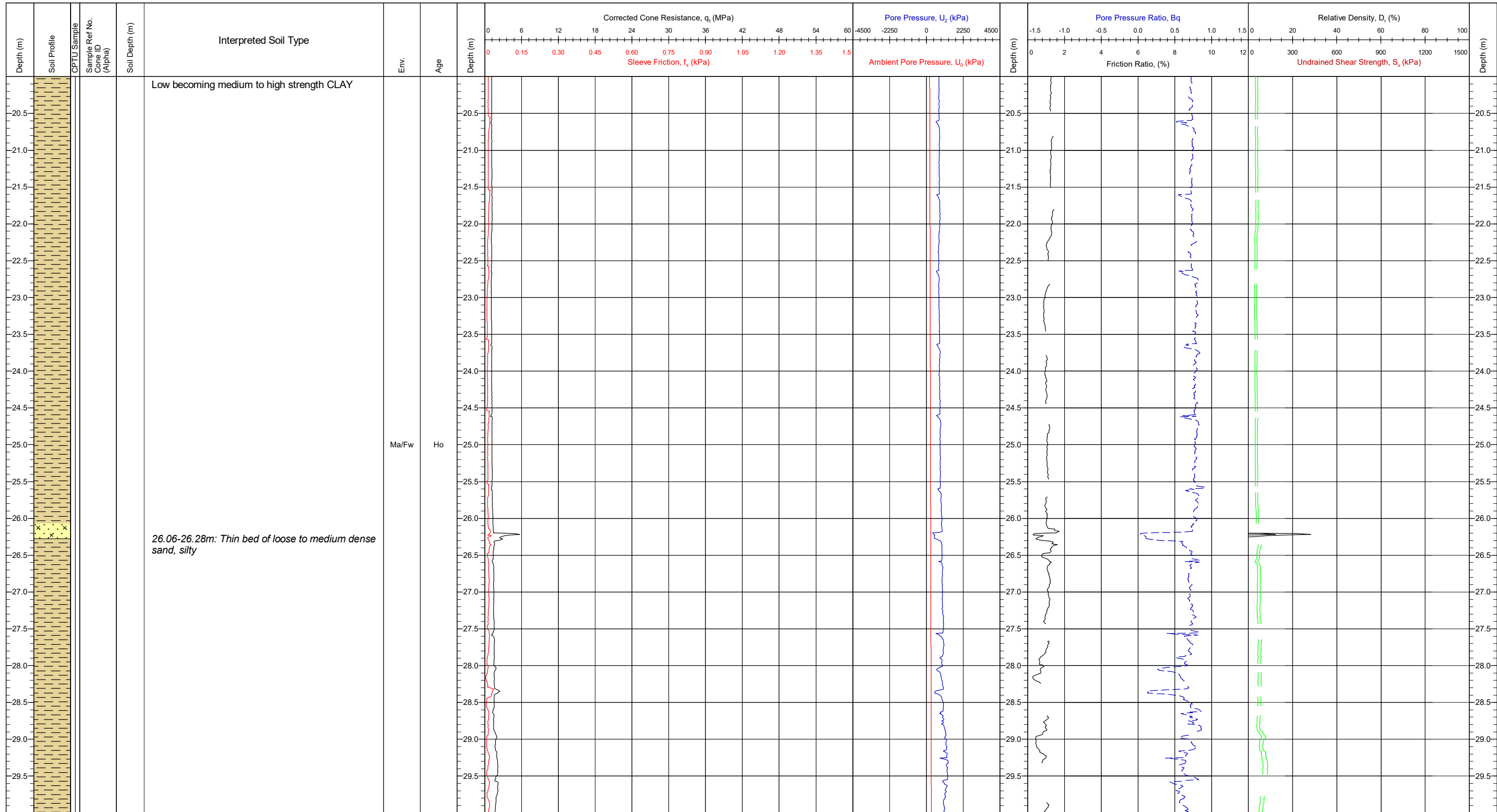
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	677715.3E 6266260.7N	CRS: ETRS89	QC Status			CPT Name SCPT21
Contract	11596	Water Depth (mMSL)	32.5	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (50cm ²) / 0.80					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 2/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



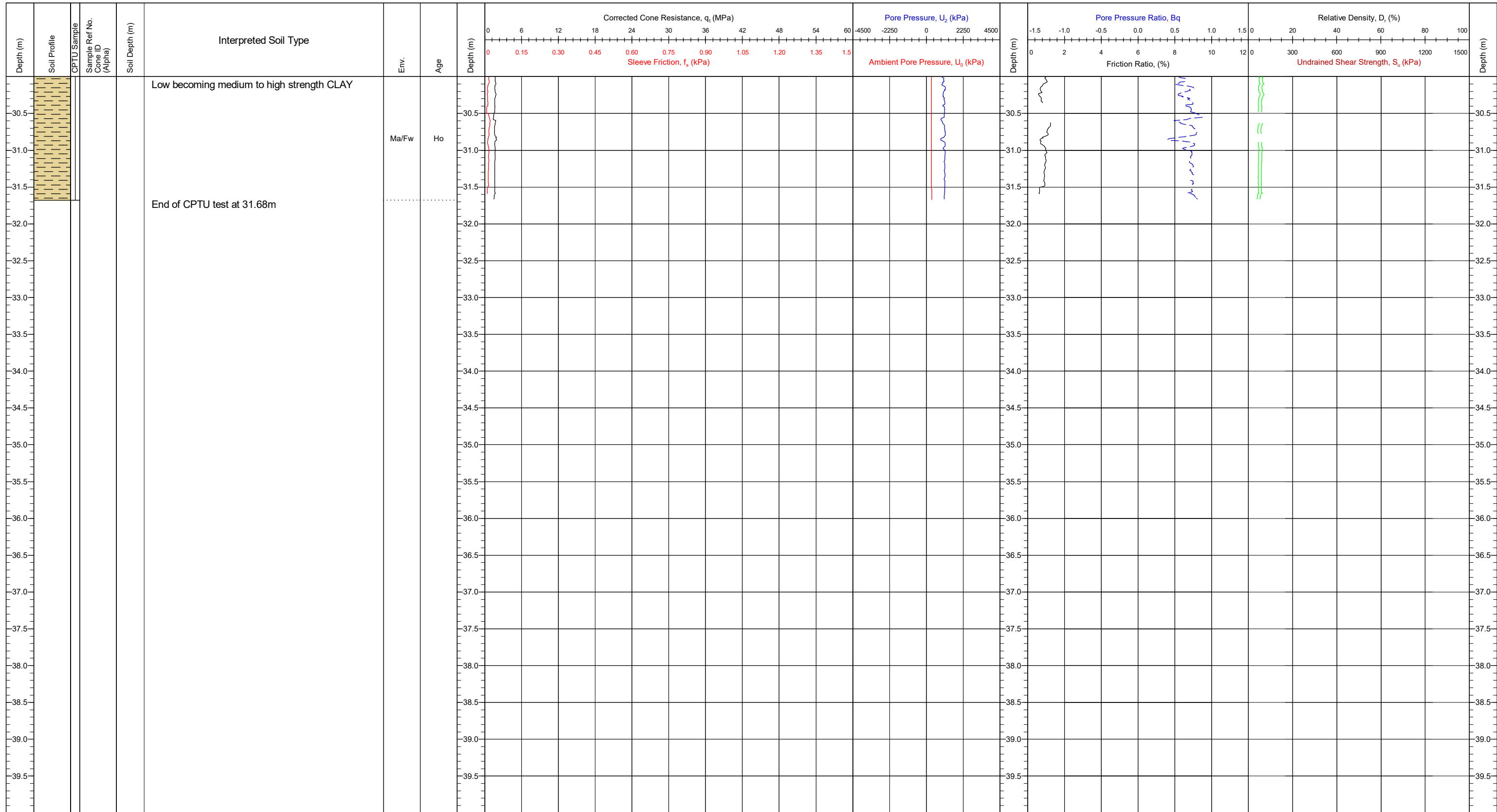
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_v : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	677715.3E 6266260.7N	CRS: ETRS89	QC Status			CPT Name SCPT21
Contract	11596	Water Depth (mMSL)	32.5	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120829 (50cm ³) / 0.80					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		Page: 3/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



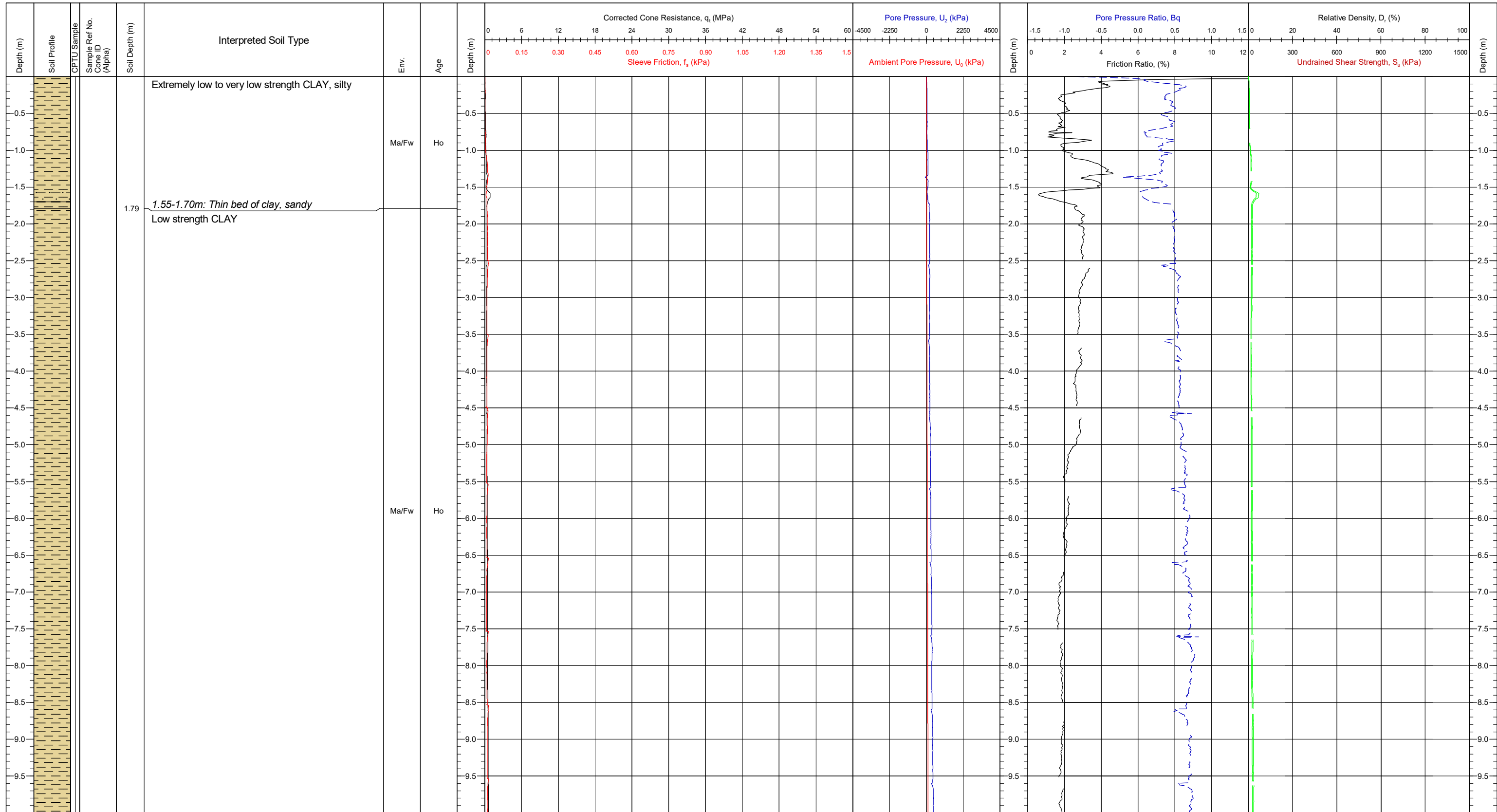
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_{60} : 12.5 - 16.5 N_{60} : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	677715.3E 6266260.7N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	32.5	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	QC Status
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		Preliminary Draft Final
Vessel	MV Ocean Vantage	Cone No. (type)/ α Factor	120829 (50cm ²) / 0.80		JK/BC DR SMc
Method	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		(04/05/2021) (10/06/2021) (10/11/2021)
					CPT Name
					SCPT21
					Page: 4/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



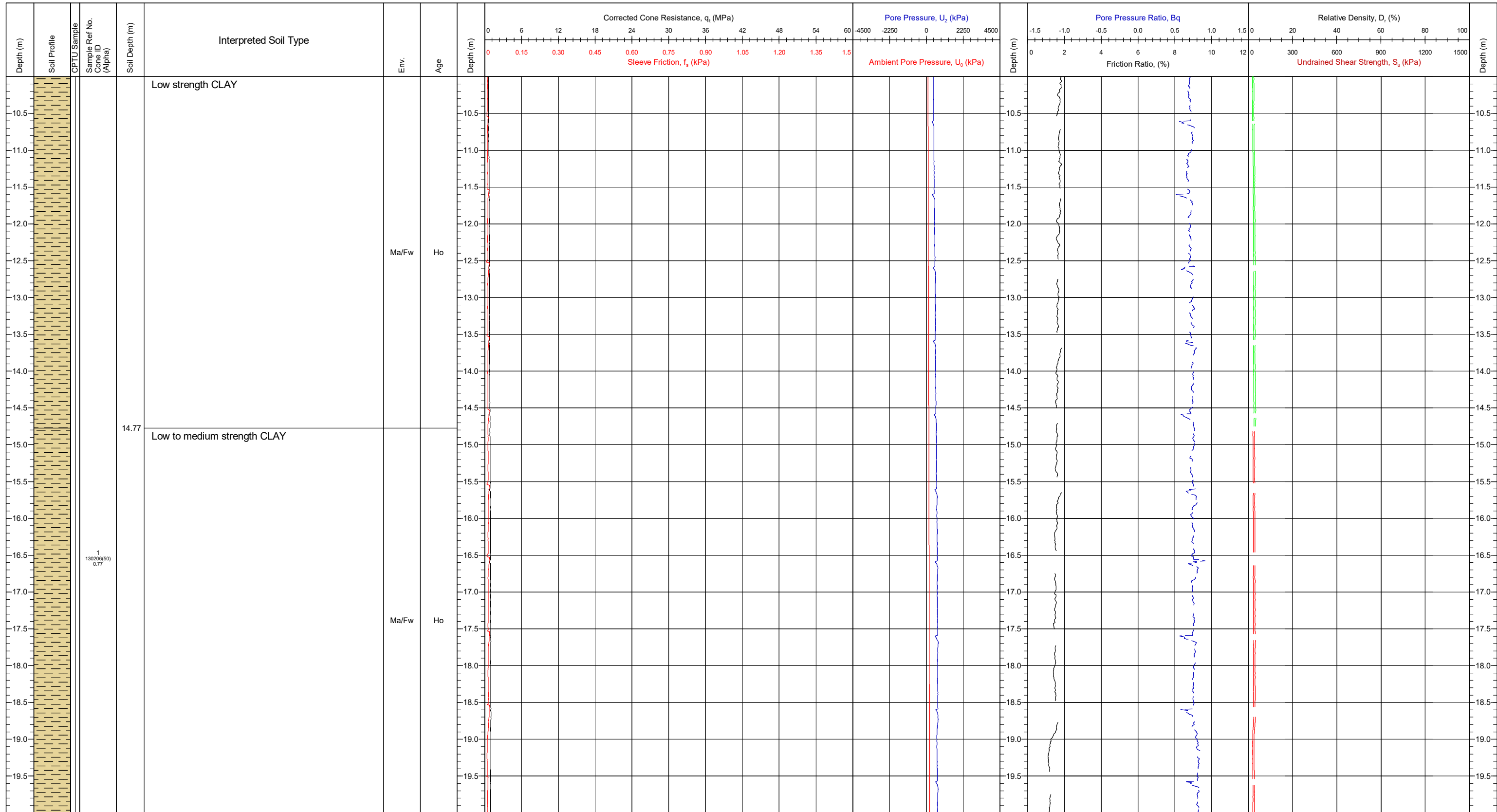
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K_v : 0.5 - 2.0 N_v : 12.5 - 16.5 N_s : 15 - 20 K_c : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	676059.4E 6274402.9N	CRS:	ETRS89	QC Status			CPT Name	
Contract	11596	Water Depth (mMSL)	31.2	Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high~ Please note the derived data has been removed where seismic testing was conducted.			Preliminary	Draft	Final	SCPT24
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021							
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (50cm ²) / 0.77							
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°							
							JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	Page: 1/4

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

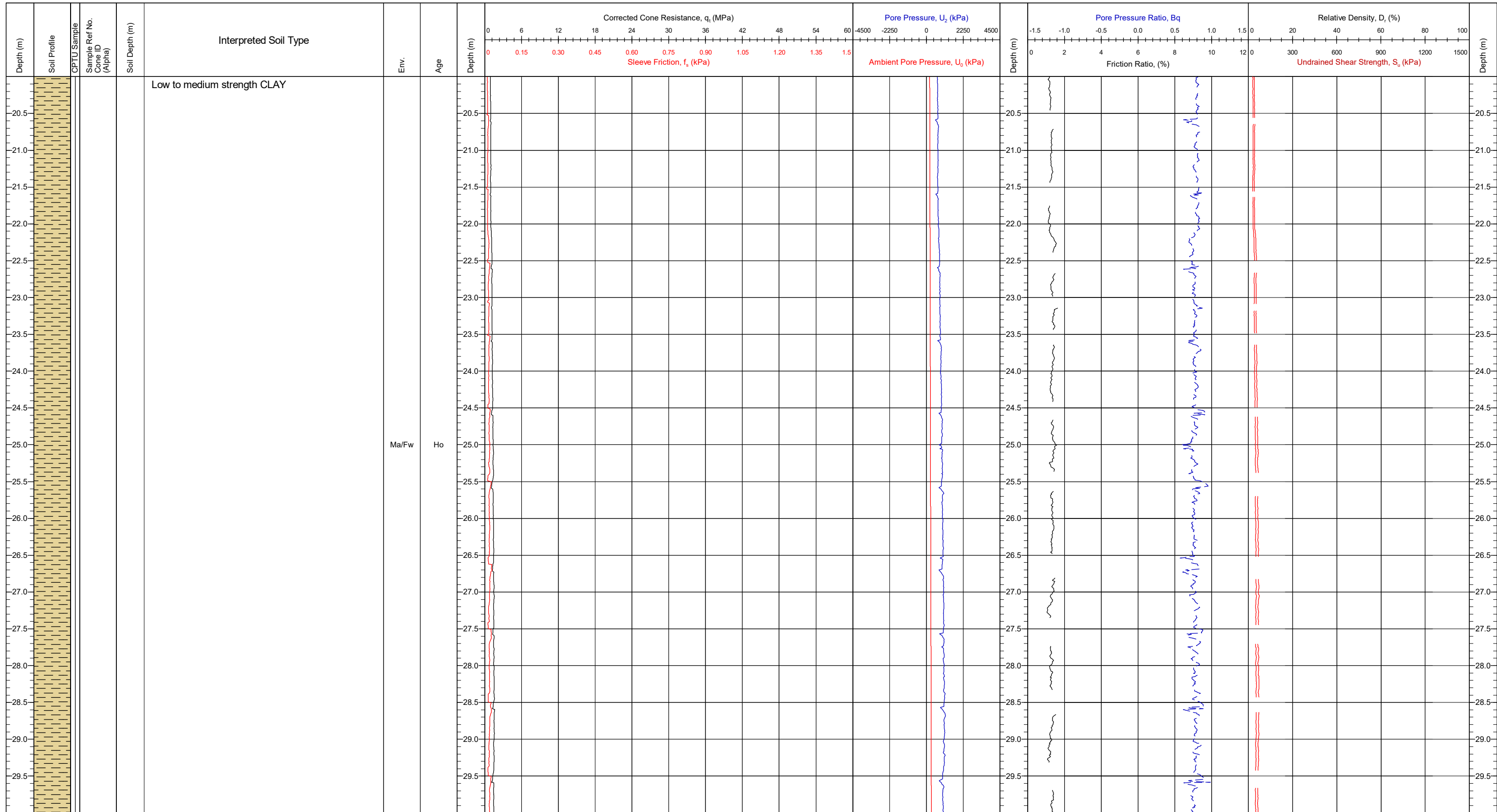
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v : 0.5 - 2.0
 N_{60} : 12.5 - 16.5
 N_{60} : 15 - 20
 K_v : 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676059.4E 6274402.9N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.2	Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.	Preliminary	Draft	Final	SCPT24
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (50cm ²) / 0.77		Page: 2/4			
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°					

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

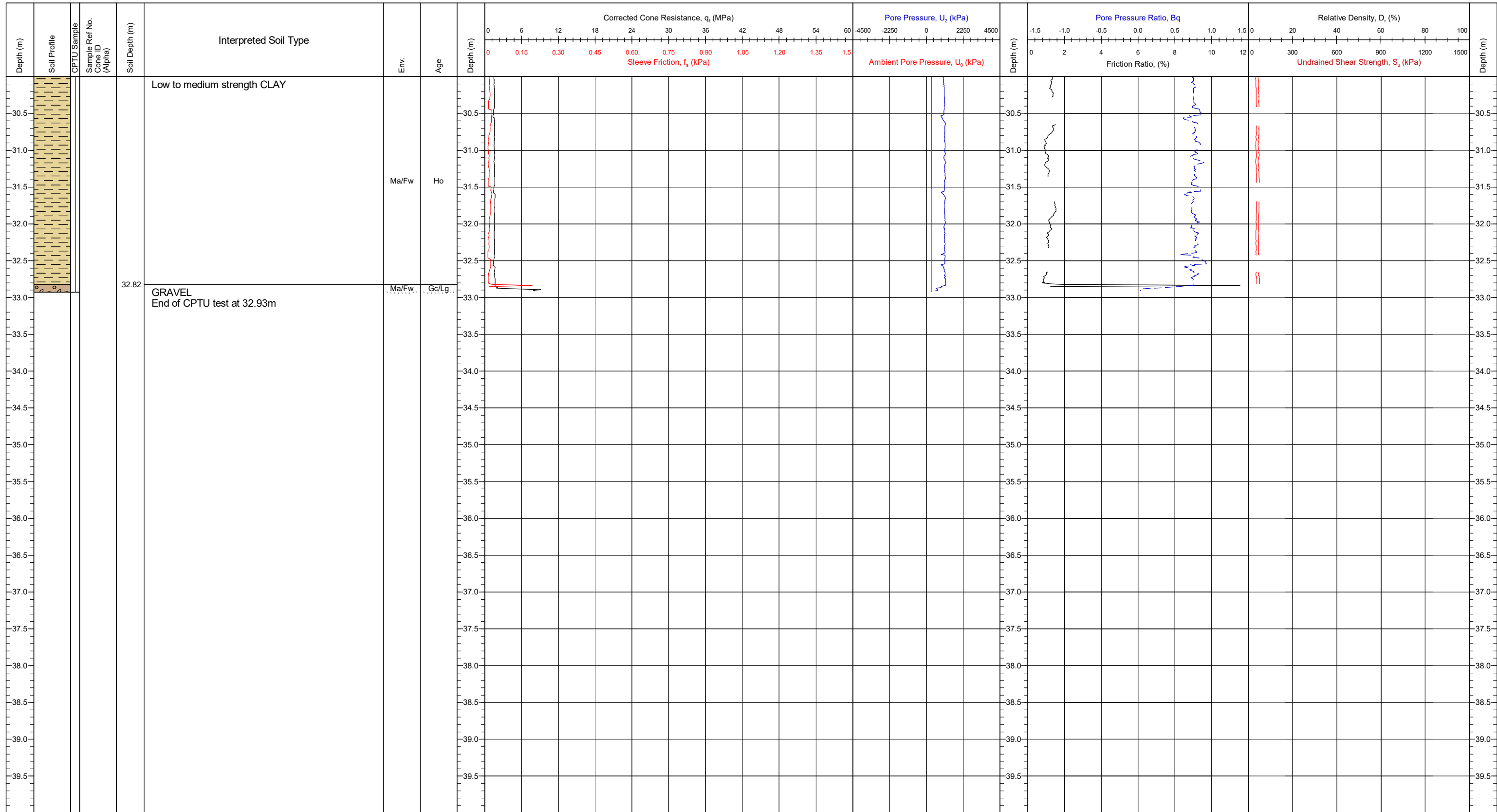
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_v: 12.5 - 16.5
 N_h: 15 - 20
 K_h: 0.5 - 2.0

Area	Kattegat Sea	Coordinates	676059.4E 6274402.9N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.2	Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.	Preliminary	Draft	Final	SCPT24
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	130206 (50cm ³) / 0.77					
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		Page: 3/4			

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING



KEY TO SOIL PROFILE

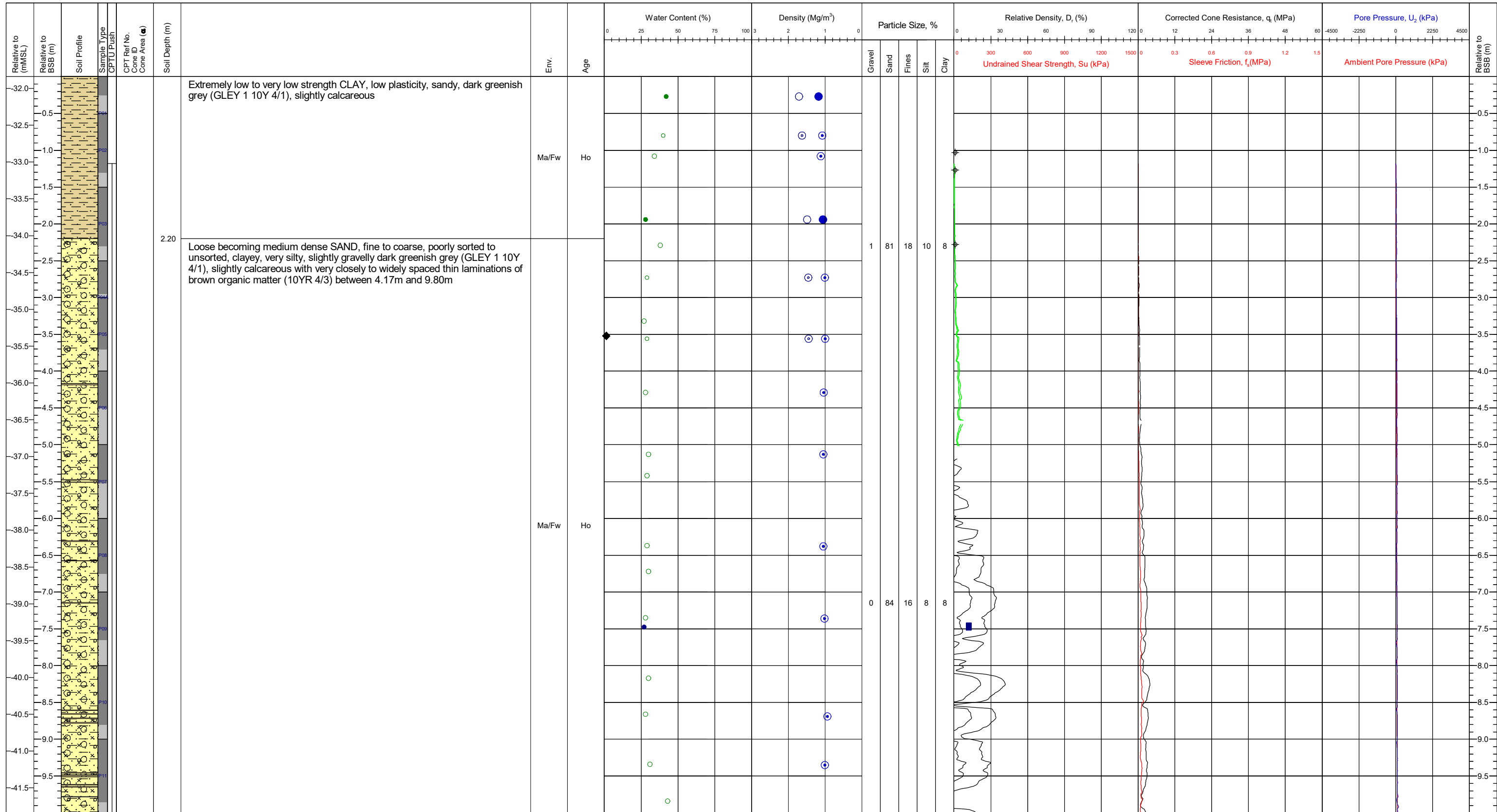
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _v : 12.5 - 16.5 N _h : 15 - 20 K _h : 0.5 - 2.0
	SAND		GRAVEL	
	COBBLES		PEAT	
	CHALK		Mixed Soil	

Area	Kattegat Sea	Coordinates	676059.4E 6274402.9N	CRS: ETRS89	
Contract	11596	Water Depth (mMSL)	31.2	Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.	QC Status Preliminary Draft Final
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (50cm ²) / 0.77		
Method	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		
					CPT Name SCPT24
					Page: 4/4

2.5 Downhole and Seabed Combined Logs

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

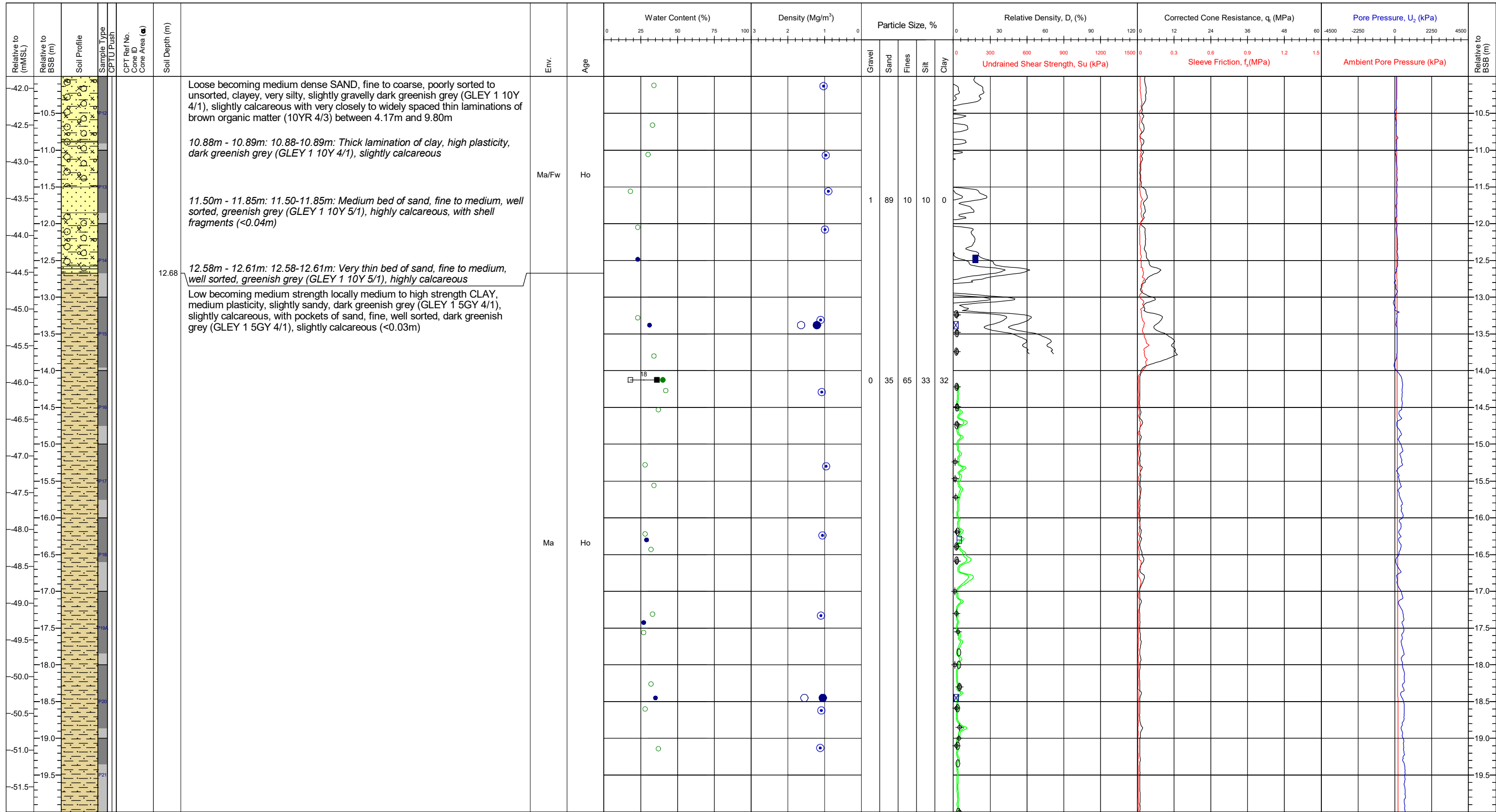


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5		SAND		GRAVEL		COBBLES		Mixed Soil		CHALK		PEAT	
Area		Kattegat Sea			Coordinates		673294.0E		6269807.2N		CRS: ETRS89		QC Status			Location Names	
Contract		11596			Latitude / Longitude						Comments: Location data taken from CB3a. CB3a out of class test terminated at 58.00m due to loss of communication with cone after snapping rods. Continuous seabed CPT. Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling-Wison CPT and push sampling methods.		Preliminary	Draft	Final	CB3a CB3a-BH	
Client Name / Ref		Energinet Eltransmission A/S / 384_20_ENE		Water Depth (mMSL)		-31.8						BC/JK	DR	SMc			
Vessel		MV Ocean Vantage		Date of Test (Start-End)								(25/06/2021)	(25/06/2021)	(10/11/2021)			
Method		20 kN Sea bed CPT		Final Borehole Depth		70.30m										Page: 1/8	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

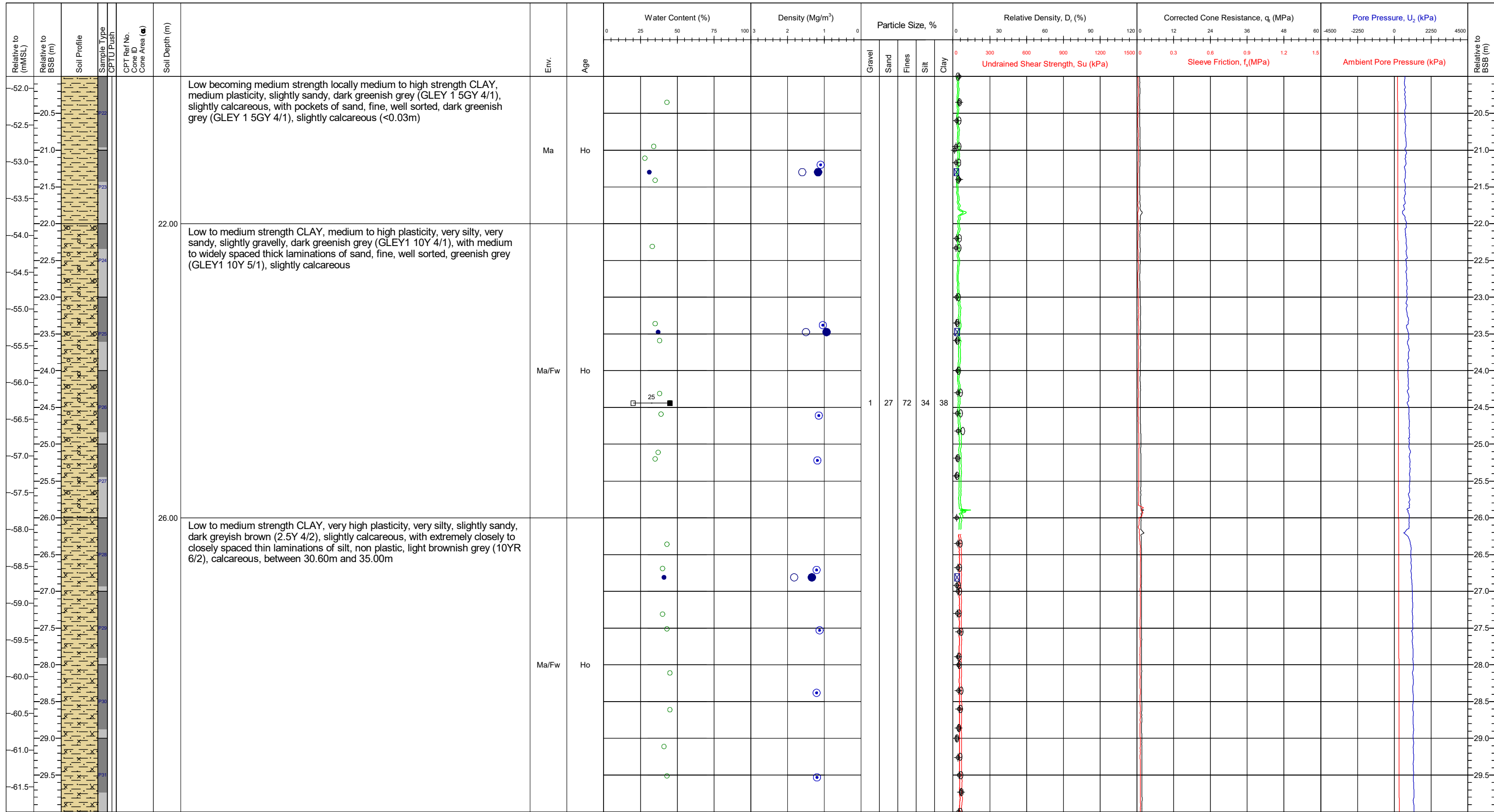
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB3a
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8	Comments: Location data taken from CB3a. CB3a out of class test terminated at 58.00m due to loss of communication with cone after snapping rods. Continuous seabed CPT. Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling-Wison CPT and push sampling methods.	Draft	CB3a-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	70.30m		BC/JK (25/06/2021)	
					DR (25/06/2021)	
					SMc (10/11/2021)	
						Page: 2/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

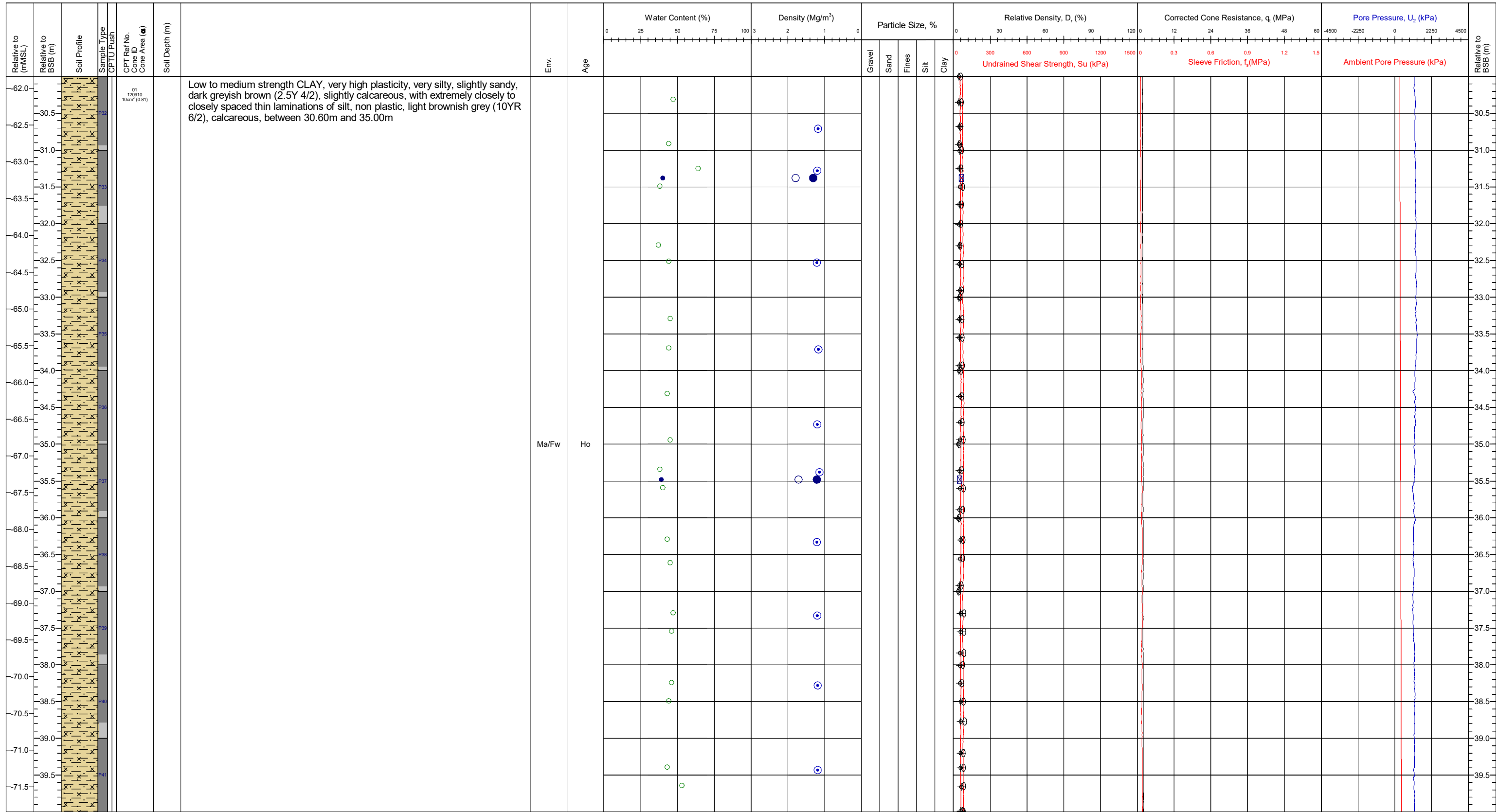
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_c: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS: ETRS89	QC Status			Location Names CB3a CB3a-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8	Comments: Location data taken from CB3a. CB3a out of class test terminated at 58.00m due to loss of communication with cone after snapping rods. Continuous seabed CPT. Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling-Wison CPT and push sampling methods.	BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	70.30m					Page: 3/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

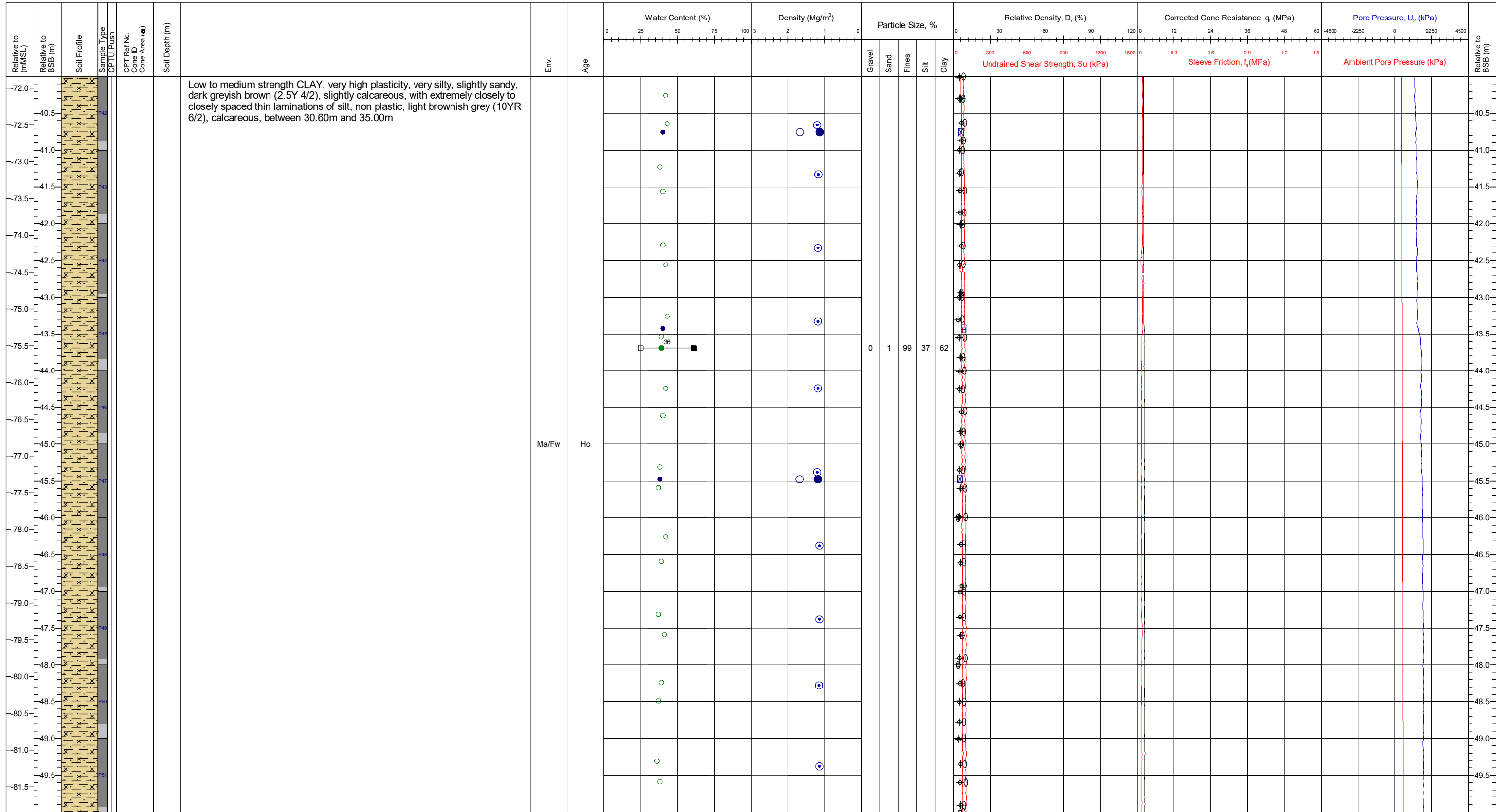


KEY TO SOIL PROFILE

	SILT		CLAY		SAND		GRAVEL		COBBLES		CHALK		PEAT		Mixed Soil
Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5															
Area		Kattegat Sea		Coordinates		673294.0E 6269807.2N		CRS: ETRS89		QC Status			Location Names		
Contract		11596		Latitude / Longitude				Comments: Location data taken from CB3a. CB3a out of class test terminated at 58.00m due to loss of communication with cone after snapping rods. Continuous seabed CPT. Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling-Wison CPT and push sampling methods.		Preliminary	Draft	Final	CB3a CB3a-BH		
Client Name / Ref		Energinet Eltransmission A/S / 384_20_ENE		Water Depth (mMSL)		-31.8					BC/JK (25/06/2021)	DR (25/06/2021)	SMC (10/11/2021)	Page: 4/8	
Vessel		MV Ocean Vantage		Date of Test (Start-End)											
Method		20 kN Sea bed CPT		Final Borehole Depth		70.30m									

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

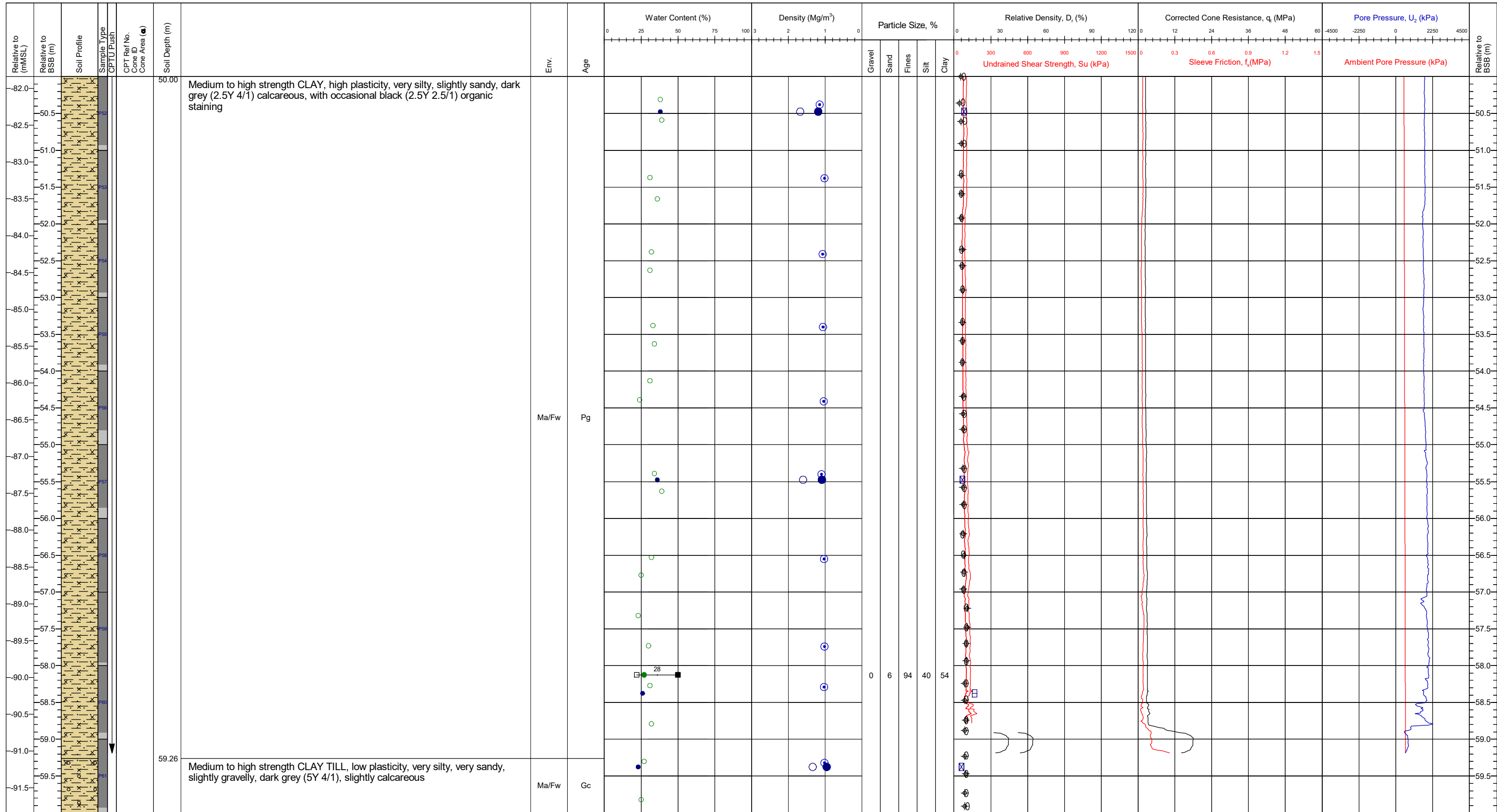
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB3a. CB3a out of class test terminated at 58.00m due to loss of communication with cone after snapping rods. Continuous seabed CPT. Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling-Wison CPT and push sampling methods.	Preliminary	CB3a
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8		Draft	CB3a-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	70.30m		BC/JK (25/06/2021) DR (25/06/2021) SMC (10/11/2021)	Page: 5/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

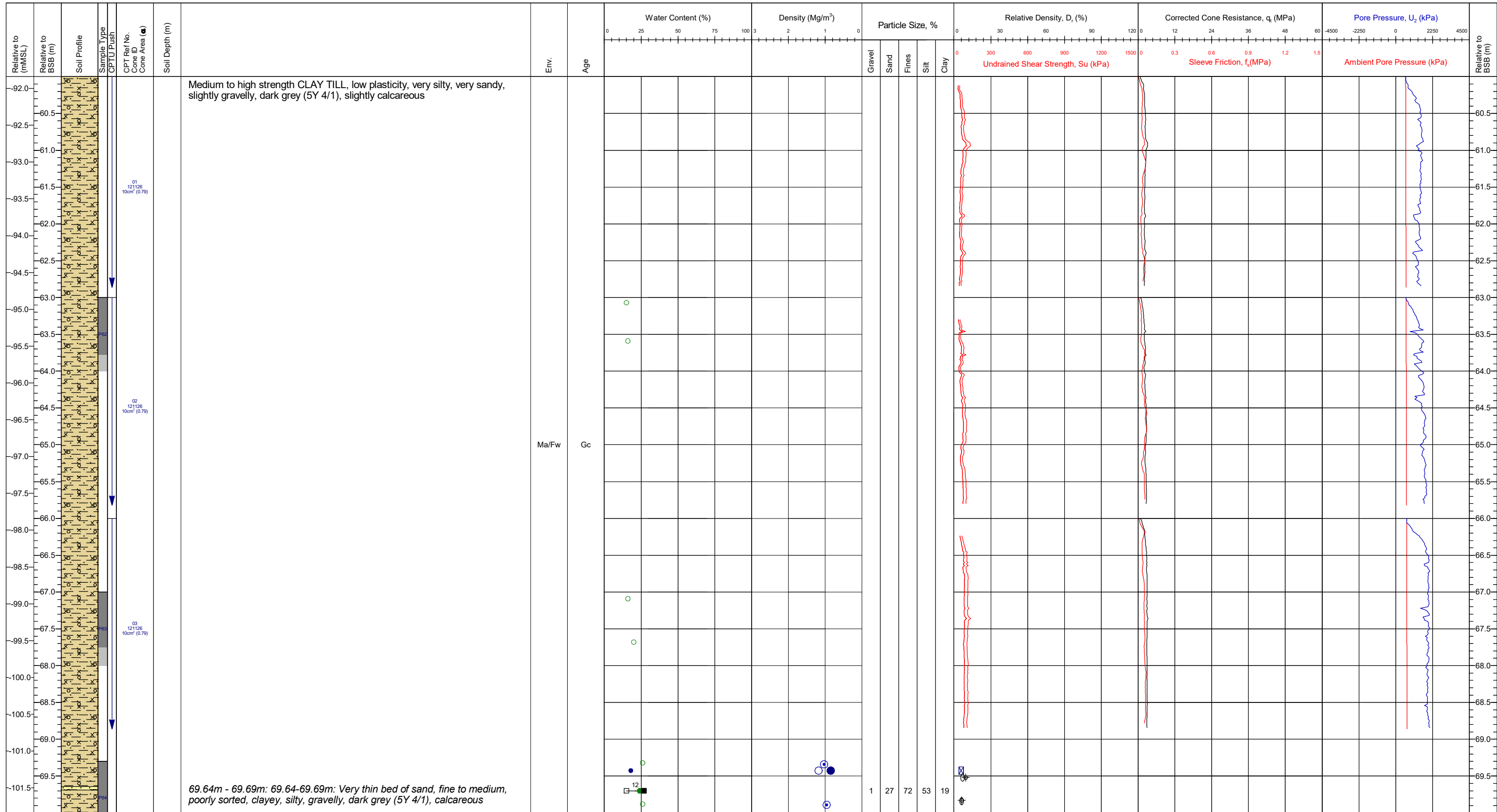
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names CB3a CB3a-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8	Comments: Location data taken from CB3a. CB3a out of class test terminated at 58.00m due to loss of communication with cone after snapping rods. Continuous seabed CPT. Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling-Wison CPT and push sampling methods.	BC/JK (25/06/2021) DR (25/06/2021) SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	20 kN Sea bed CPT	Final Borehole Depth	70.30m			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673294.0E 6269807.2N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names CB3a-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8	Comments: Location data taken from CB3a. CB3a out of class test terminated at 58.00m due to loss of communication with cone after snapping rods. Continuous seabed CPT. Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling-Wison CPT and push sampling methods.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	Wilson	Final Borehole Depth	70.30m	BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

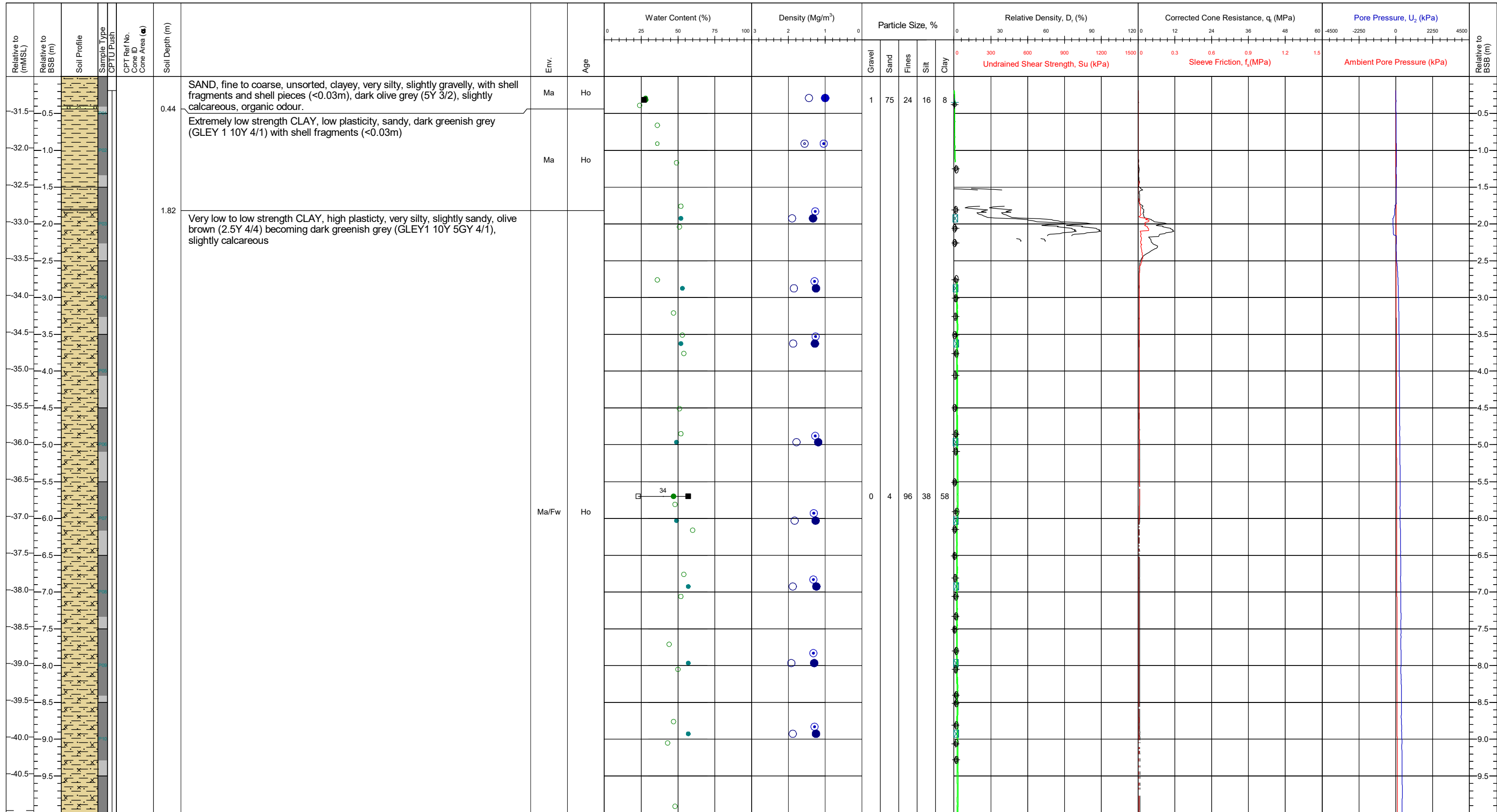
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Sample Type CPTU Push	CPT Ref No. Cone ID Cone Area (cm²)	Soil Depth (m)	Description	Env.	Age	Water Content (%)					Density (Mg/m³)					Particle Size, %					Relative Density, D _r (%)					Corrected Cone Resistance, q _c (MPa)					Pore Pressure, U ₂ (kPa)				
									0 25 50 75 100 3					2 1 0					Gravel Sand Fines Silt Clay					0 30 60 90 120					0 12 24 36 48 60					-4500 -2250 0 2250 4500				
									Undrained Shear Strength, S _u (kPa)					Sleeve Friction, f _s (MPa)					Ambient Pore Pressure (kPa)																			
-102.0		CLAY			70.27	Medium to high strength CLAY TILL, low plasticity, very silty, very sandy, slightly gravelly, dark grey (5Y 4/1), slightly calcareous	Ma/Fw	Gc																														
-102.5						End of borehole at 70.27m																																
-103.0																																						
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KEY TO SOIL PROFILE			Area		Coordinates		CRS: ETRS89			QC Status			Location Names CB3a-BH
	SILT		CLAY	Kattegat Sea	673294.0E	6269807.2N	Comments: Location data taken from CB3a. CB3a out of class test terminated at 58.00m due to loss of communication with cone after snapping rods. Continuous seabed CPT. Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling-Wilson CPT and push sampling methods.			Preliminary	Draft	Final	
	SAND		GRAVEL	Contract	11596		Latitude / Longitude						
	CHALK		PEAT	Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE		Water Depth (mMSL)			-31.8			
	COBBLES		Mixed Soil	Vessel	MV Ocean Vantage		Date of Test (Start-End)						
	GRAVEL	Assumed Unit Weight: 20 - 16 kN/m ³		Method	Wilson		Final Borehole Depth			70.30m			
	CHALK										BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)
													Page: 8/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

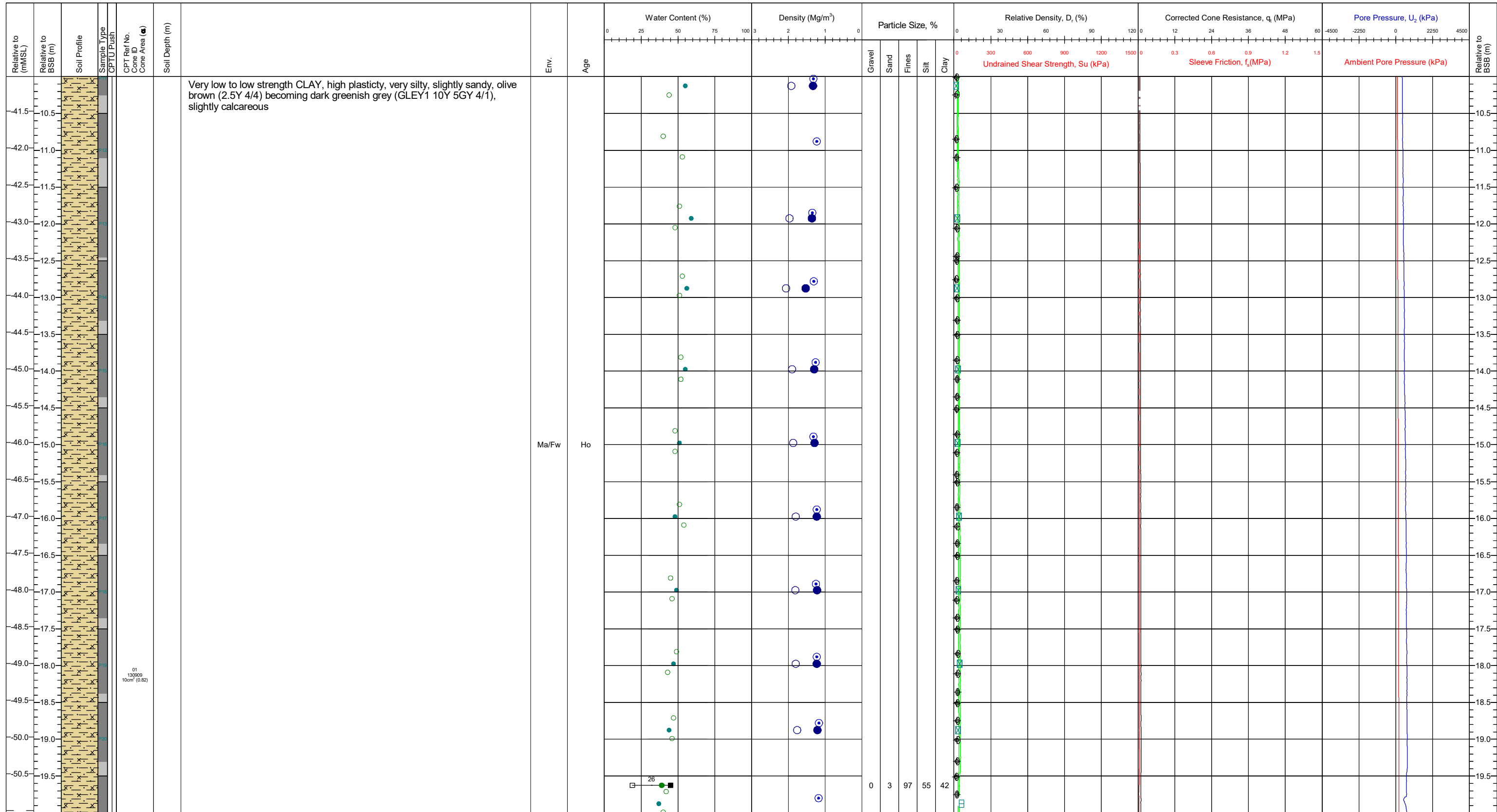
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	COBBLES		Mixed Soil	

Area	Kattegat Sea	Coordinates	675776.4E 6272688.0N	CRS: ETRS89	QC Status						
Contract	11596	Latitude / Longitude			<table border="1" style="font-size: 6px;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> </table>	Preliminary	Draft	Final			
Preliminary	Draft	Final									
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0	Comments: Location data taken from CB4. CB4 class 1 test terminated at 35.73m at operators discretion due to lack of rod support from mudline when pushing into dense material. Continuous seabed CPT. Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.	<table border="1" style="font-size: 6px;"> <tr> <td>BC/JK</td> <td>DR</td> <td>SMc</td> </tr> <tr> <td>(25/06/2021)</td> <td>(25/06/2021)</td> <td>(10/11/2021)</td> </tr> </table>	BC/JK	DR	SMc	(25/06/2021)	(25/06/2021)	(10/11/2021)
BC/JK	DR	SMc									
(25/06/2021)	(25/06/2021)	(10/11/2021)									
Vessel	MV Ocean Vantage	Date of Test (Start-End)		<table border="1" style="font-size: 6px;"> <tr> <td></td> <td></td> <td></td> </tr> </table>							
Method	20 kN Sea bed CPT	Final Borehole Depth	70.80m		Page: 1/8						

Location Names
CB4
CB4-BH

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

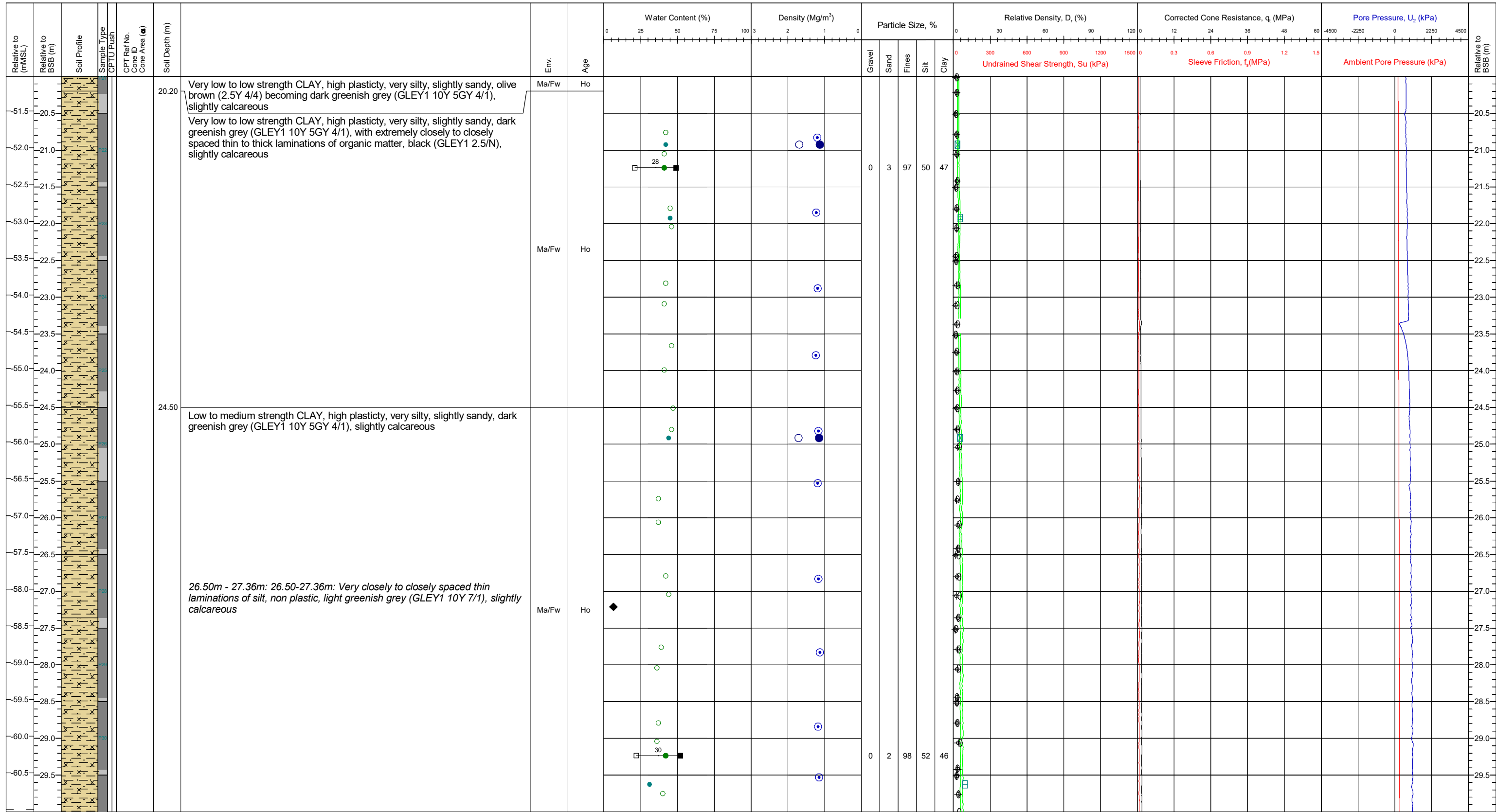


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5		SAND		GRAVEL		COBBLES		Mixed Soil	
	CHALK		PEAT										
					Area	Kattegat Sea		Coordinates		675776.4E	6272688.0N	CRS: ETRS89	
					Contract	11596		Latitude / Longitude					
					Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE		Water Depth (mMSL)		-31.0			
				Vessel	MV Ocean Vantage		Date of Test (Start-End)						
				Method	20 kN Sea bed CPT		Final Borehole Depth		70.80m				
					Comments: Location data taken from CB4. CB4 class 1 test terminated at 35.73m at operators discretion due to lack of rod support from mudline when pushing into dense material. Continuous seabed CPT. Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling - Wilson CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery - Drillers note:- Cobbles/ Boulders - testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.			QC Status			Location Names		
								Preliminary	Draft	Final	CB4 CB4-BH		
								BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)			
												Page: 2/8	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

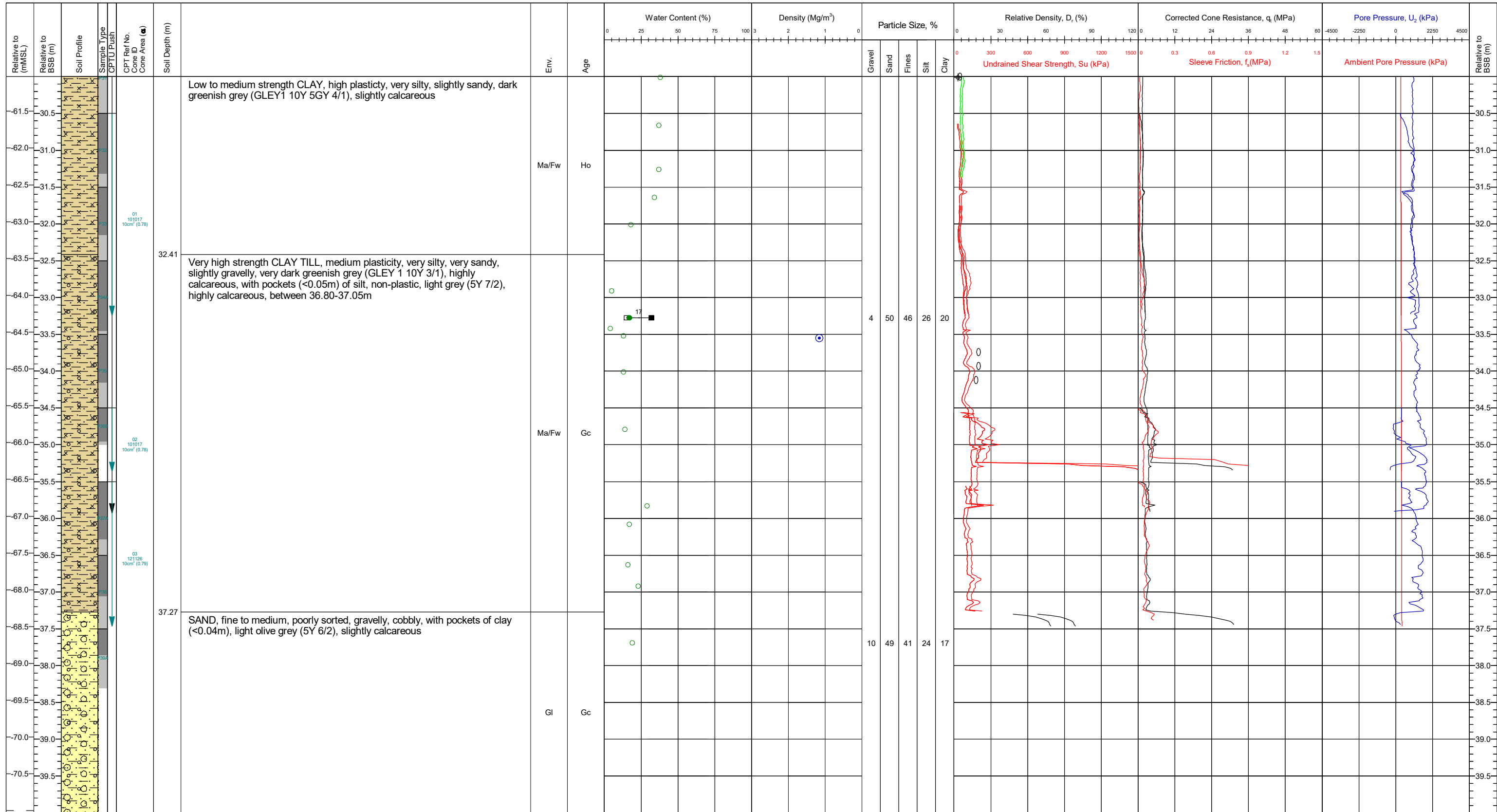


KEY TO SOIL PROFILE

<p>Assumed Unit Weight: 20 - 16 kN/m³</p> <p>K_s: 0.5 - 2.0</p> <p>N_{cr}: 15 - 20</p> <p>N_{cr}: 12.5 - 16.5</p>	Area	Kattegat Sea	Coordinates	675776.4E 6272688.0N	CRS: ETRS89	QC Status			Location Names	
	Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4 CB4-BH	
	Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0	Comments: Location data taken from CB4. CB4 class 1 test terminated at 35.73m at operators discretion due to lack of rod support from mudline when pushing into dense material. Continuous seabed CPT. Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wison CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.			BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)
	Vessel	MV Ocean Vantage	Date of Test (Start-End)							
	Method	20 kN Sea bed CPT	Final Borehole Depth	70.80m						Page: 3/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

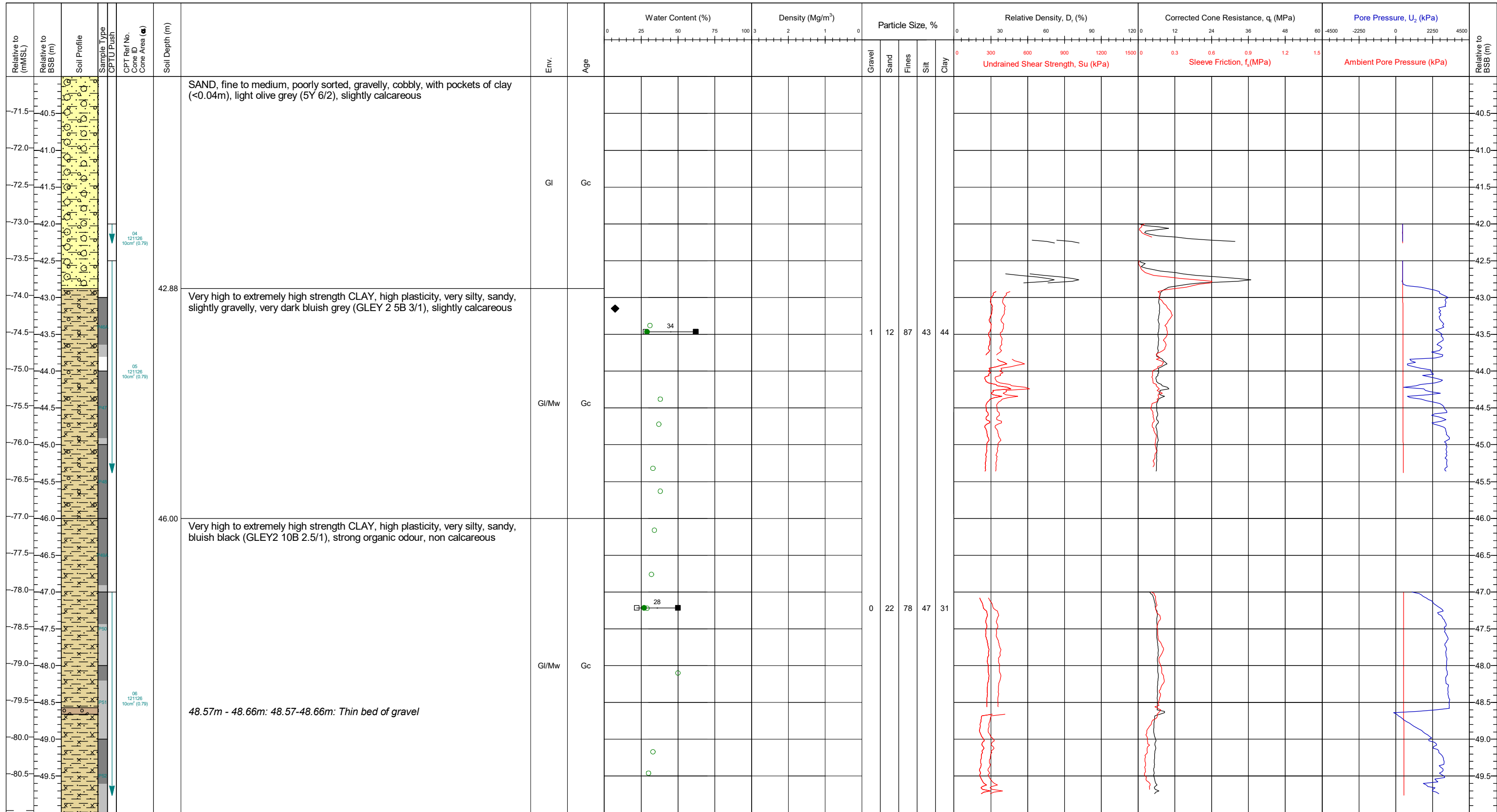
Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
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Area	Kattegat Sea	Coordinates	675776.4E 6272688.0N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4 CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0		BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	70.80m					Page: 4/8

Comments: Location data taken from CB4. CB4 class 1 test terminated at 35.73m at operators discretion due to lack of rod support from mudline when pushing into dense material. Continuous seabed CPT. Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling - Wilson CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery - Drillers note: Cobbles/Boulders - testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

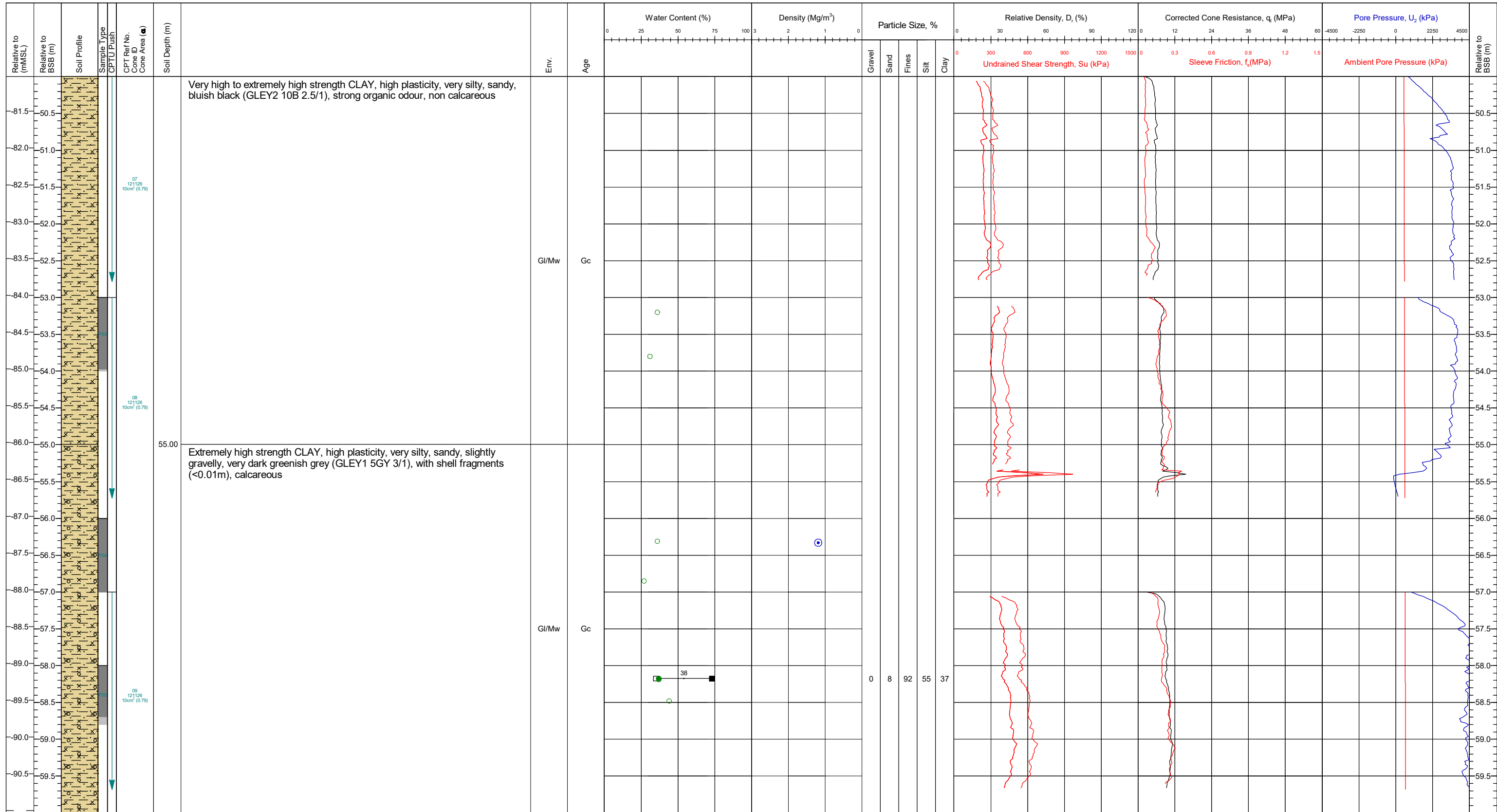
Assumed Unit Weight: 20 - 16 kN/m³
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Area	Kattegat Sea	Coordinates	675776.4E 6272688.0N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0		BC/JK (25/06/2021)	DR (25/06/2021)	SMC (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	Wilson	Final Borehole Depth	70.80m					

Comments: Location data taken from CB4. CB4 class 1 test terminated at 35.73m at operators discretion due to lack of rod support from mudline when pushing into dense material. Continuous seabed CPT. Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling - Wilson CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery - Drillers note: Cobbles/Boulders - testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



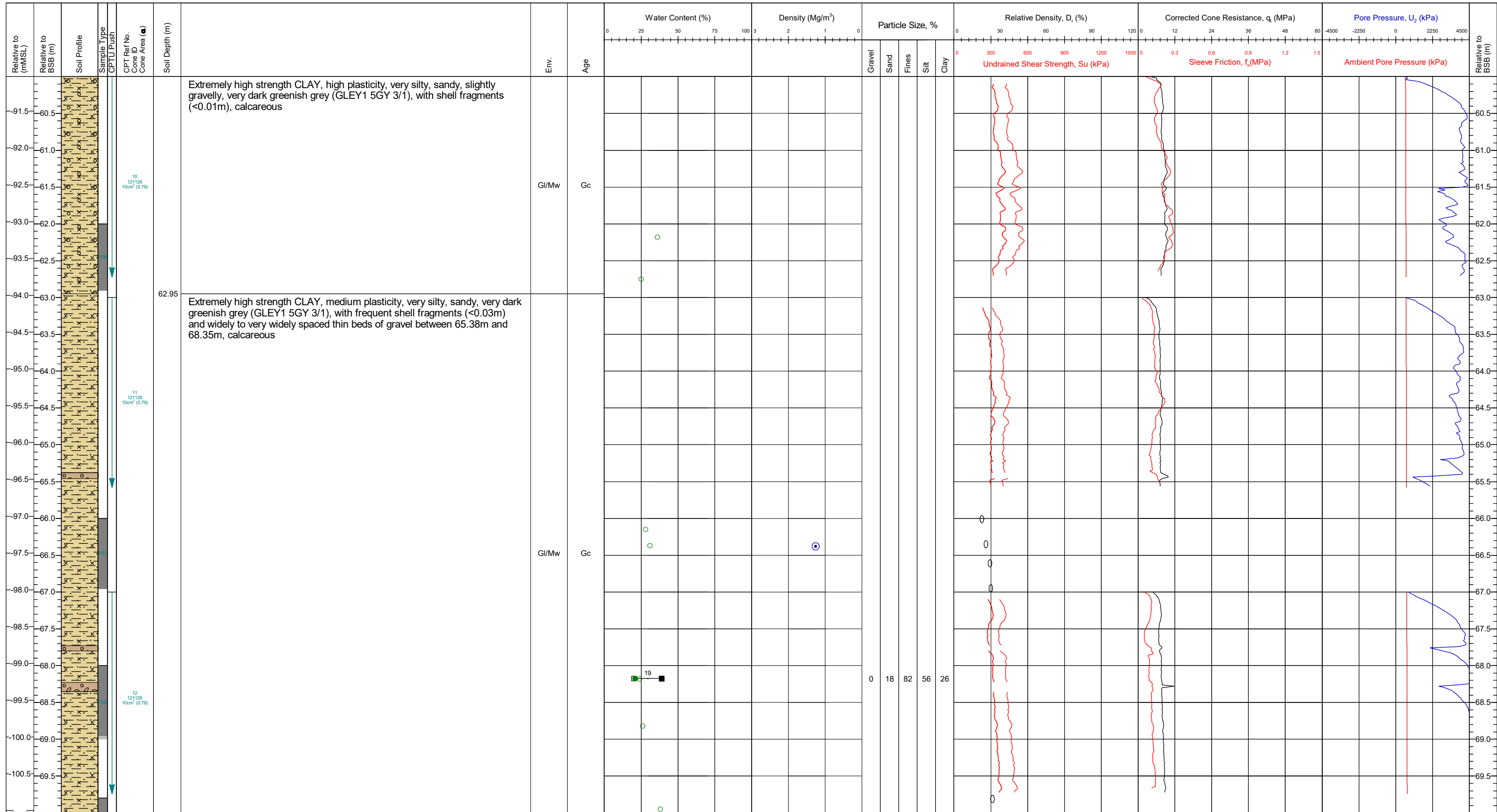
KEY TO SOIL PROFILE

<table border="0"> <tr> <td></td><td>SILT</td> <td></td><td>CLAY</td> </tr> <tr> <td></td><td>SAND</td> <td></td><td>GRAVEL</td> </tr> <tr> <td></td><td>CHALK</td> <td></td><td>PEAT</td> </tr> <tr> <td></td><td>COBBLES</td> <td></td><td>Mixed Soil</td> </tr> </table>		SILT		CLAY		SAND		GRAVEL		CHALK		PEAT		COBBLES		Mixed Soil	<p>Assumed Unit Weight: 20 - 16 kN/m³</p> <p>K_v: 0.5 - 2.0</p> <p>N_{cr}: 15 - 20</p> <p>N_{cr}: 12.5 - 16.5</p>	<table border="1"> <tr> <td>Area</td> <td>Kattegat Sea</td> <td>Coordinates</td> <td>675776.4E 6272688.0N</td> <td>CRS: ETRS89</td> </tr> <tr> <td>Contract</td> <td>11596</td> <td>Latitude / Longitude</td> <td></td> <td></td> </tr> <tr> <td>Client Name / Ref</td> <td>Energinet Eltransmission A/S / 384_20_ENE</td> <td>Water Depth (mMSL)</td> <td>-31.0</td> <td></td> </tr> <tr> <td>Vessel</td> <td>MV Ocean Vantage</td> <td>Date of Test (Start-End)</td> <td></td> <td></td> </tr> <tr> <td>Method</td> <td>Wilson</td> <td>Final Borehole Depth</td> <td>70.80m</td> <td></td> </tr> </table>	Area	Kattegat Sea	Coordinates	675776.4E 6272688.0N	CRS: ETRS89	Contract	11596	Latitude / Longitude			Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0		Vessel	MV Ocean Vantage	Date of Test (Start-End)			Method	Wilson	Final Borehole Depth	70.80m		<table border="1"> <tr> <td colspan="3">QC Status</td> <td rowspan="2">Location Names CB4-BH</td> </tr> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>BC/JK (25/06/2021)</td> <td>DR (25/06/2021)</td> <td>SMc (10/11/2021)</td> <td></td> </tr> </table>	QC Status			Location Names CB4-BH	Preliminary	Draft	Final	BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)	
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Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	675776.4E 6272688.0N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0		BC/JK	DR	SMC	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			(25/06/2021)	(25/06/2021)	(10/11/2021)	
Method	Wilson	Final Borehole Depth	70.80m	Comments: Location data taken from CB4. CB4 class 1 test terminated at 35.73m at operators discretion due to lack of rod support from mudline when pushing into dense material. Continuous seabed CPT. Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling - Wilson CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery - Drillers note: Cobbles/Boulders - testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.				

**Preliminary Investigation, Hesselø OWF
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING**

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Sample Type CPTU Push	CPT Ref No. Cone ID Cone Area (cm²)	Soil Depth (m)	Description	Env.	Age	Particle Size, %			Corrected Cone Resistance, q _c (MPa)			Pore Pressure, U _z (kPa)		
									Gravel	Sand	Fines	Undrained Shear Strength, S _u (kPa)	Sleeve Friction, f _s (MPa)	Ambient Pore Pressure (kPa)			
-101.5	-70.5	CLAY			70.72	Extremely high strength CLAY, medium plasticity, very silty, sandy, very dark greenish grey (GLEY1 5GY 3/1), with frequent shell fragments (<0.03m) and widely to very widely spaced thin beds of gravel between 65.38m and 68.35m, calcareous	Gl/Mw	Gc				0					
-102.0	-71.0					End of borehole at 70.80m											
-102.5	-71.5																
-103.0	-72.0																
-103.5	-72.5																
-104.0	-73.0																
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KEY TO SOIL PROFILE

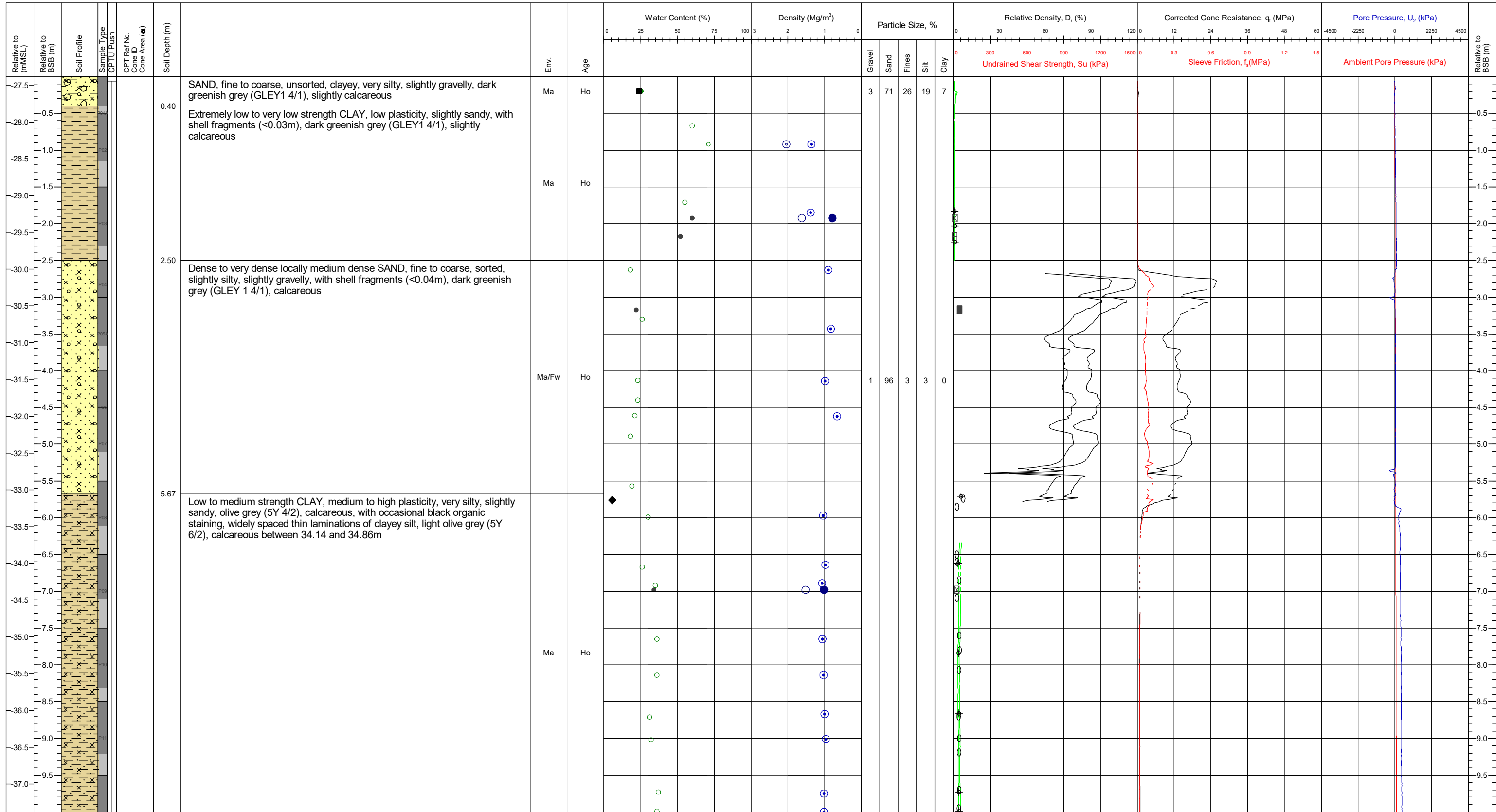
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	SAND		GRAVEL
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Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
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 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	675776.4E 6272688.0N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB4-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.0	Comments: Location data taken from CB4. CB4 class 1 test terminated at 35.73m at operators discretion due to lack of rod support from mudline when pushing into dense material. Continuous seabed CPT. Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.85 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.	BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)	Page: 8/8
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	Wilson	Final Borehole Depth	70.80m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



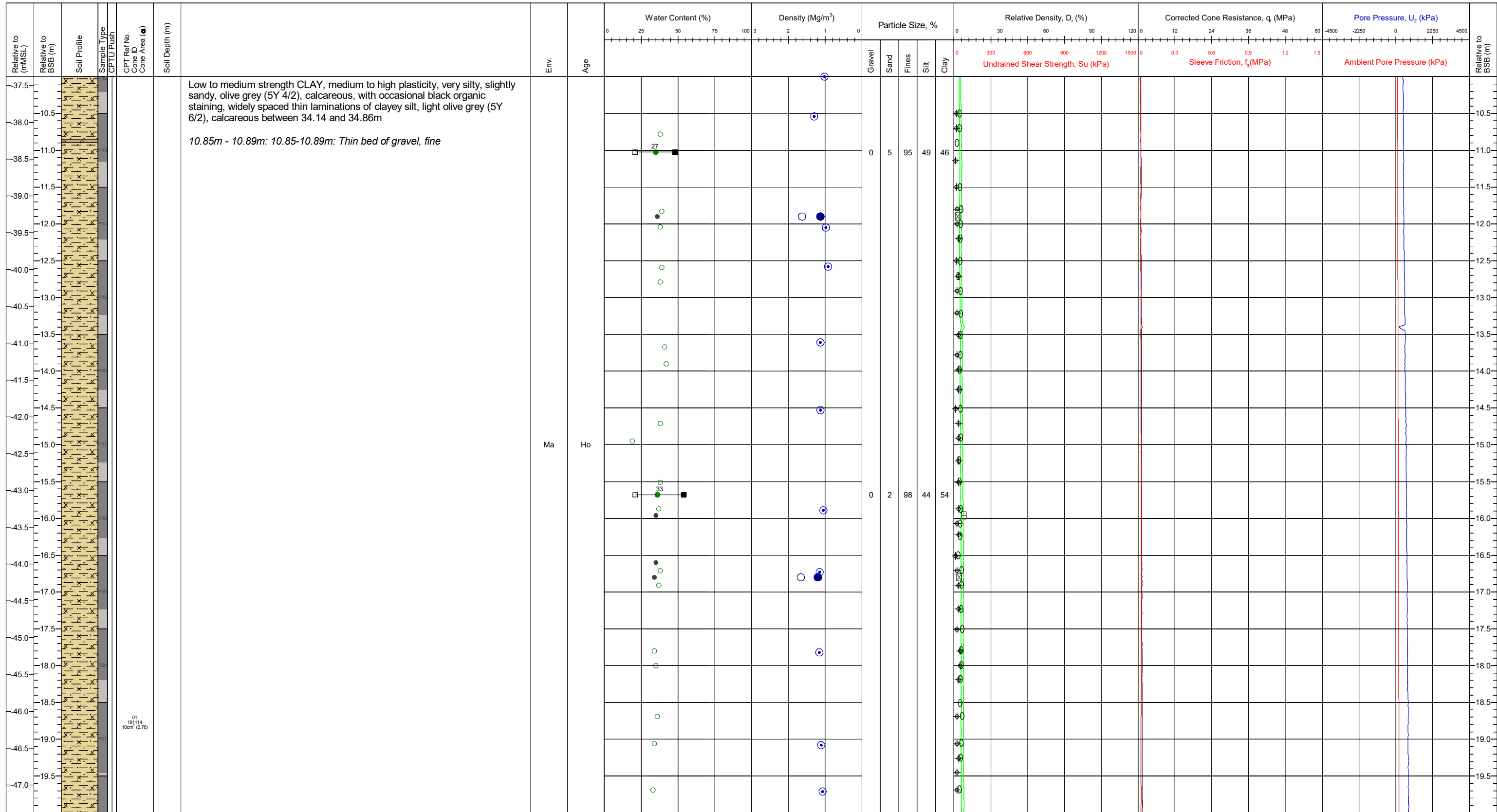
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	671118.6E 6254692.2N	CRS: ETRS89	QC Status			Location Names CB5a CB5-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-27.4	Comments: Location data taken from CB5a. CB5a class 2 test terminated at 37.28m due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test. Continuous seabed CPT. Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	64.70m					
					BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	Page: 1/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

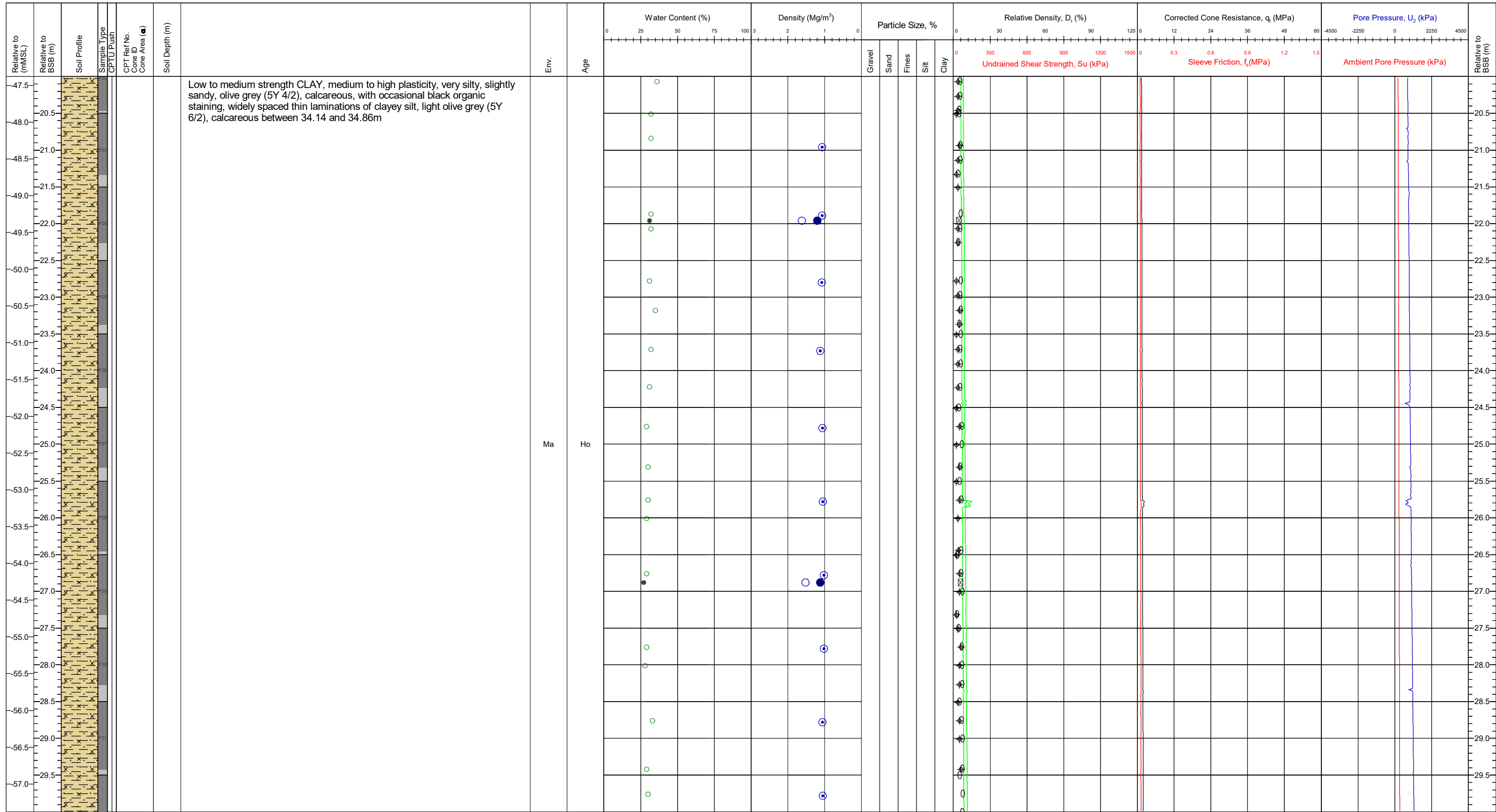
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	671118.6E 6254692.2N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB5a. CB5a class 2 test terminated at 37.28m due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test. Continuous seabed CPT. Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.	Preliminary	CB5a
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-27.4		Draft	CB5-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	64.70m		BC/JK (28/06/2021) DR (28/06/2021) SMc (10/11/2021)	
						Page: 2/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

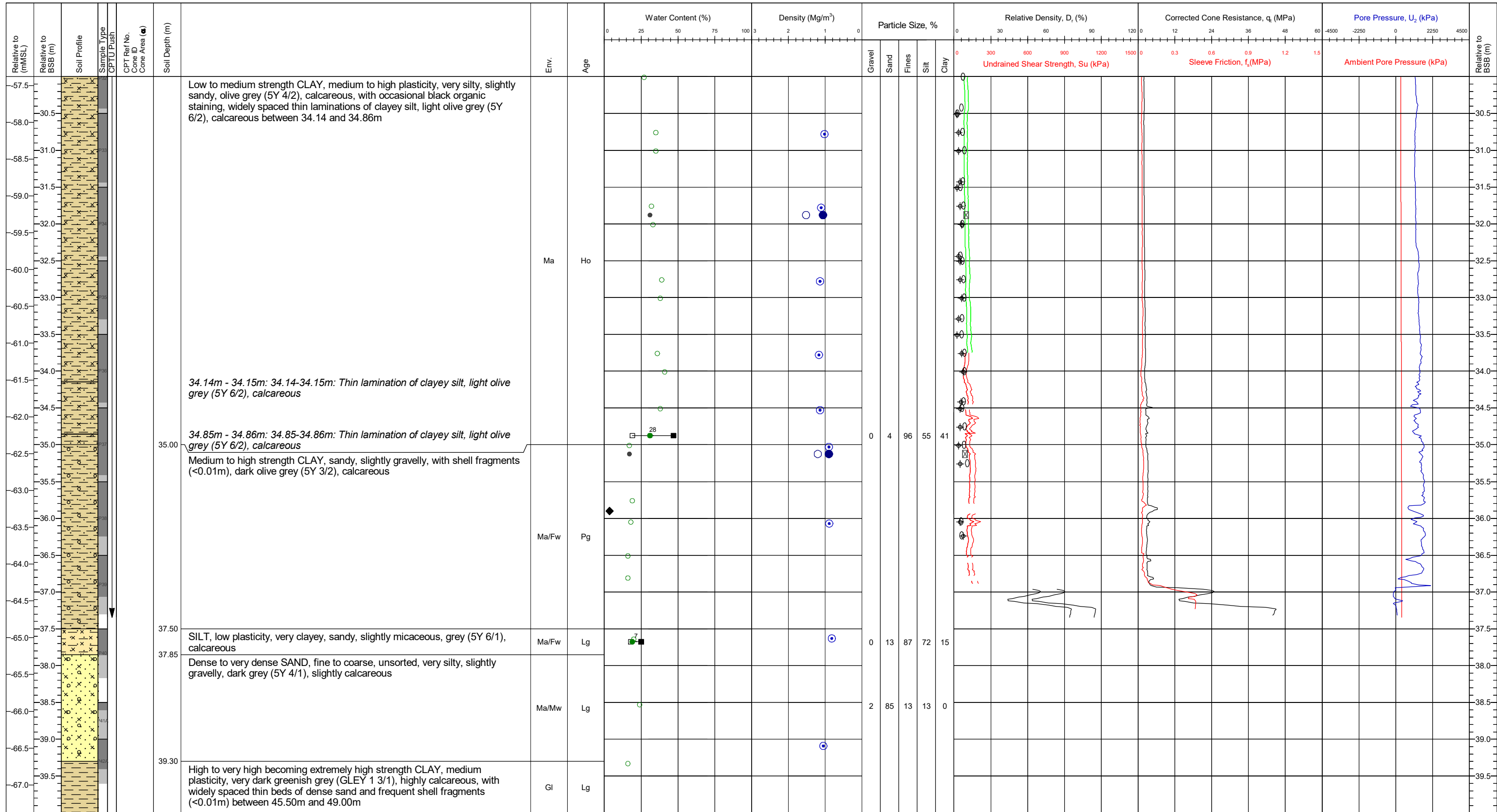


KEY TO SOIL PROFILE

<p>Assumed Unit Weight: 20 - 16 kN/m³ K_s: 0.5 - 2.0 N_{cr}: 15 - 20 N_{cr}: 12.5 - 16.5</p>	<p>Area: Kattegat Sea</p> <p>Contract: 11596</p> <p>Client Name / Ref: Energinet Eltransmission A/S / 384_20_ENE</p> <p>Vessel: MV Ocean Vantage</p> <p>Method: 20 kN Sea bed CPT</p>	<p>Coordinates: 671118.6E 6254692.2N</p> <p>Latitude / Longitude</p> <p>Water Depth (mMSL): -27.4</p> <p>Date of Test (Start-End)</p> <p>Final Borehole Depth: 64.70m</p>	<p>CRS: ETRS89</p> <p>Comments: Location data taken from CB5a. CB5a class 2 test terminated at 37.28m due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test. Continuous seabed CPT. Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.</p>	<p>QC Status</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>BC/JK (28/06/2021)</td> <td>DR (28/06/2021)</td> <td>SMc (10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	<p>Location Names</p> <p style="text-align: center;">CB5a CB5-BH</p>
Preliminary	Draft	Final									
BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)									

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

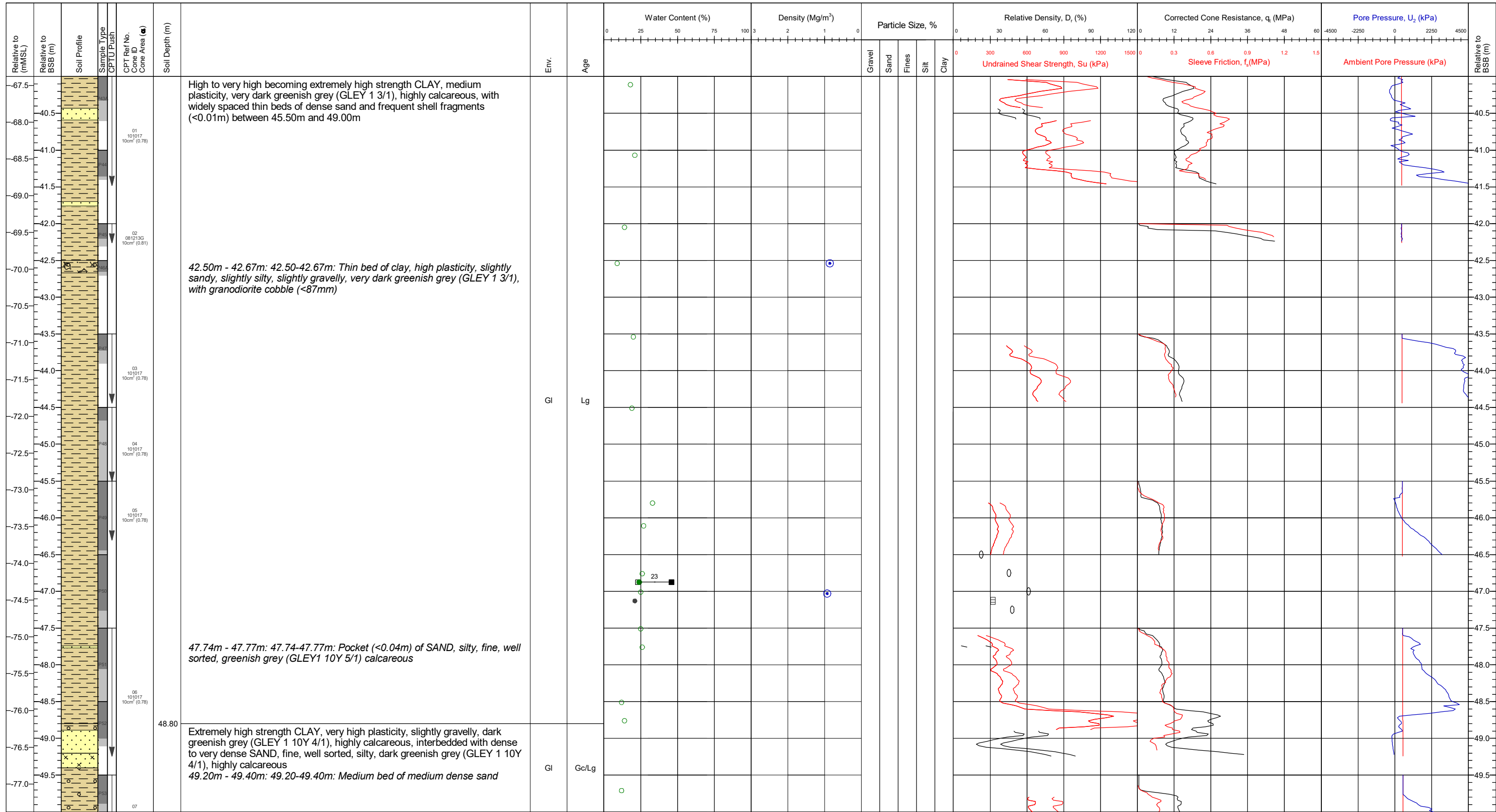
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	671118.6E 6254692.2N	CRS: ETRS89	QC Status	Location Names CB5a CB5-BH	
Contract	11596	Latitude / Longitude			Preliminary Draft Final		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-27.4	Comments: Location data taken from CB5a. CB5a class 2 test terminated at 37.28m due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test. Continuous seabed CPT. Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.	BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)
Vessel	MV Ocean Vantage	Date of Test (Start-End)					
Method	20 kN Sea bed CPT	Final Borehole Depth	64.70m				

Preliminary Investigation, Hesselø OWF

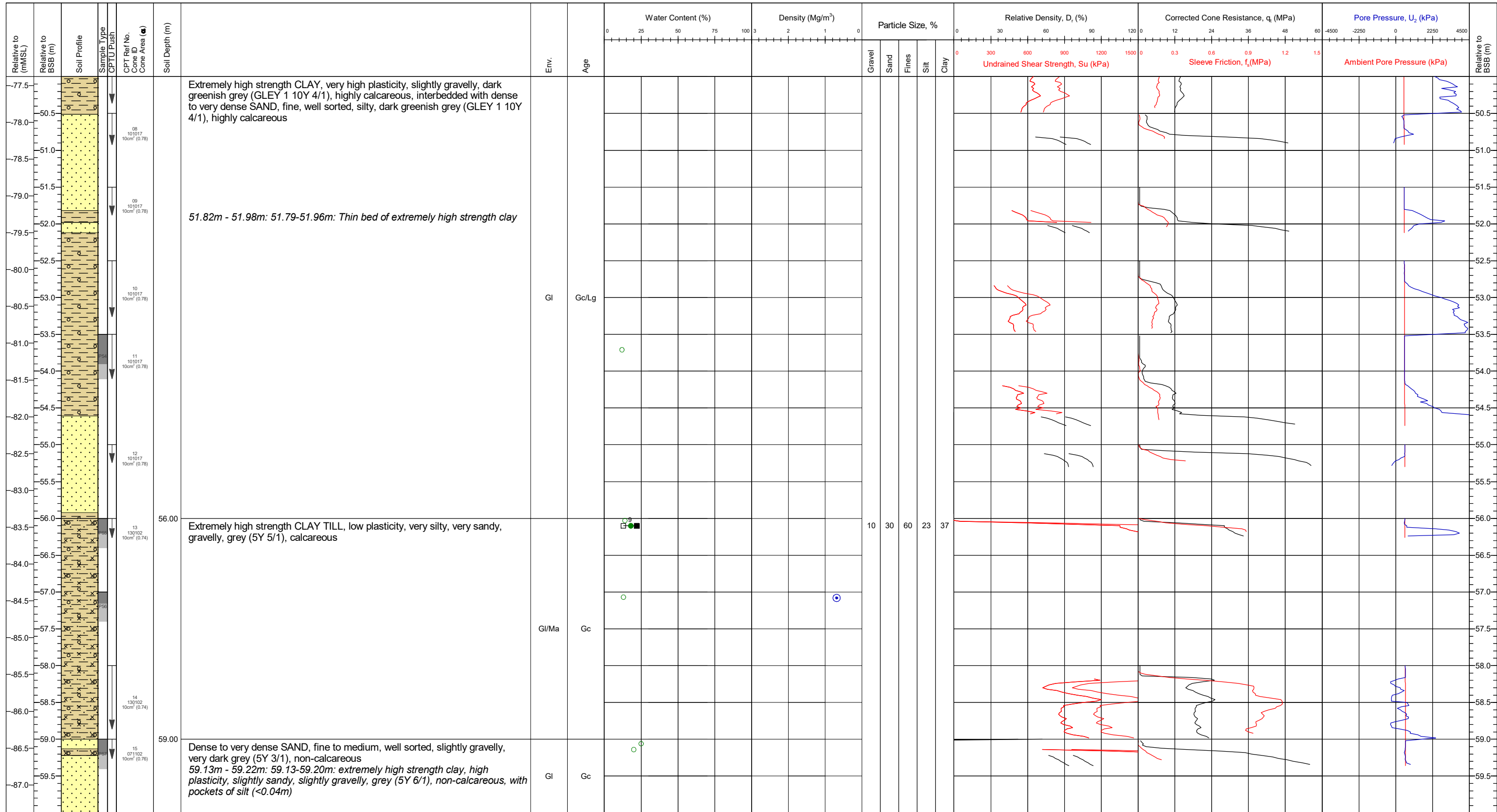
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE		Area	Coordinates	QC Status	Location Names
		Kattegat Sea	671118.6E 6254692.2N	Comments: Location data taken from CB5a. CB5a class 2 test terminated at 37.28m due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test. Continuous seabed CPT. Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.	
		Contract 11596	Latitude / Longitude		
		Client Name / Ref: Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL): -27.4	Preliminary	BC/JK (28/06/2021)
		Vessel: MV Ocean Vantage	Date of Test (Start-End)	Draft	
		Method: Wilson	Final Borehole Depth: 64.70m	Final	SMc (10/11/2021)
				Page: 5/7	

Preliminary Investigation, Hesselø OWF

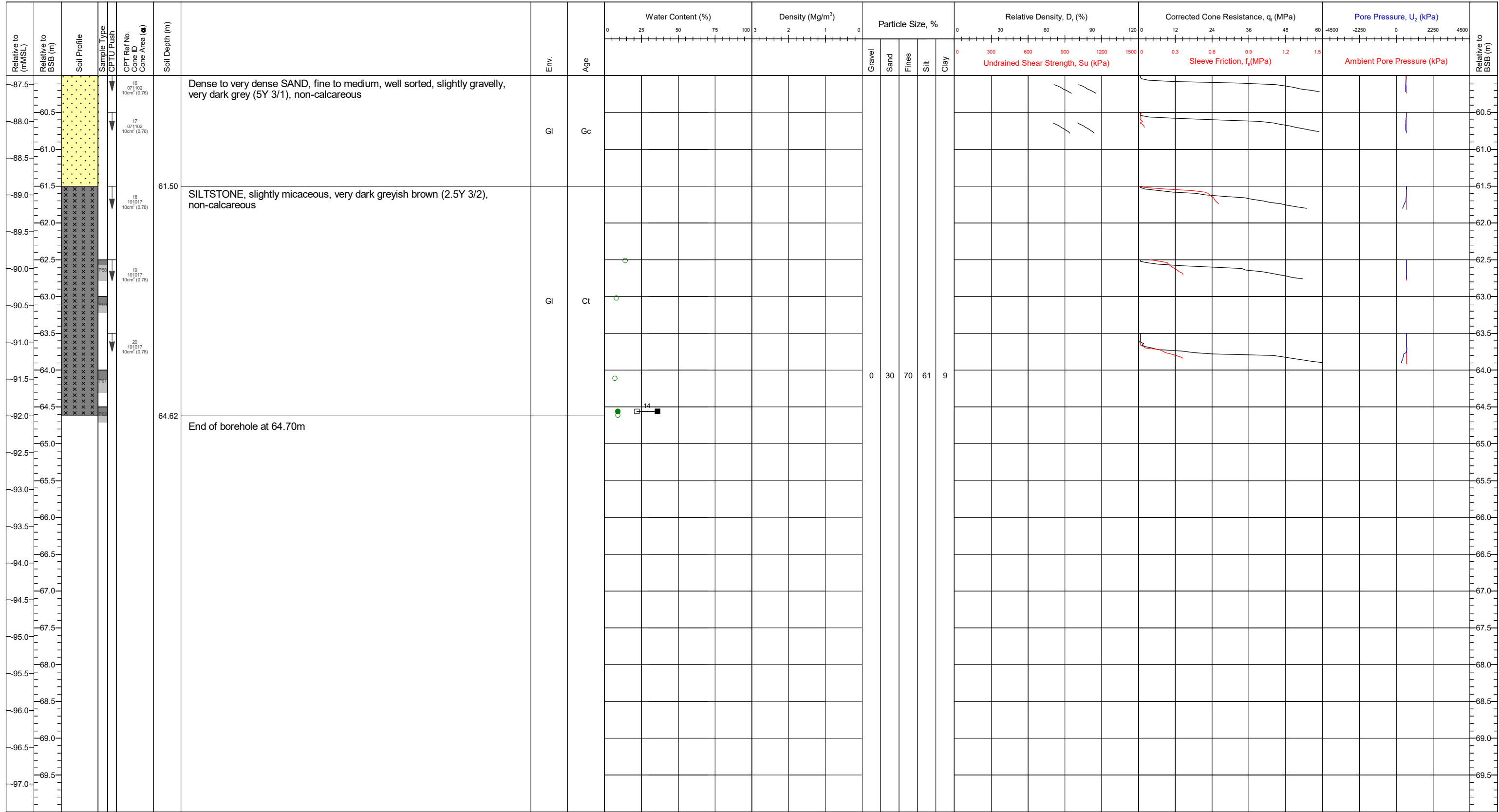
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE	Area Kattegat Sea	Coordinates 671118.6E 6254692.2N CRS: ETRS89	QC Status Preliminary Draft Final
	Contract 11596	Latitude / Longitude -27.4	Location Names CB5-BH
	Client Name / Ref Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL) -27.4	
	Vessel MV Ocean Vantage	Date of Test (Start-End) 28/06/2021 - 28/06/2021	
	Method Wilson	Final Borehole Depth 64.70m	
Assumed Unit Weight: 20 - 16 kN/m ³ <i>K_s: 0.5 - 2.0</i> <i>N_{cr}: 15 - 20</i> <i>N_{cr}: 12.5 - 16.5</i>		Comments: Location data taken from CB5a. CB5a class 2 test terminated at 37.28m due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test. Continuous seabed CPT. Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.	
			QC Status BC/JK (28/06/2021) DR (28/06/2021) SMC (10/11/2021)
			Page: 6/7

Preliminary Investigation, Hesselø OWF

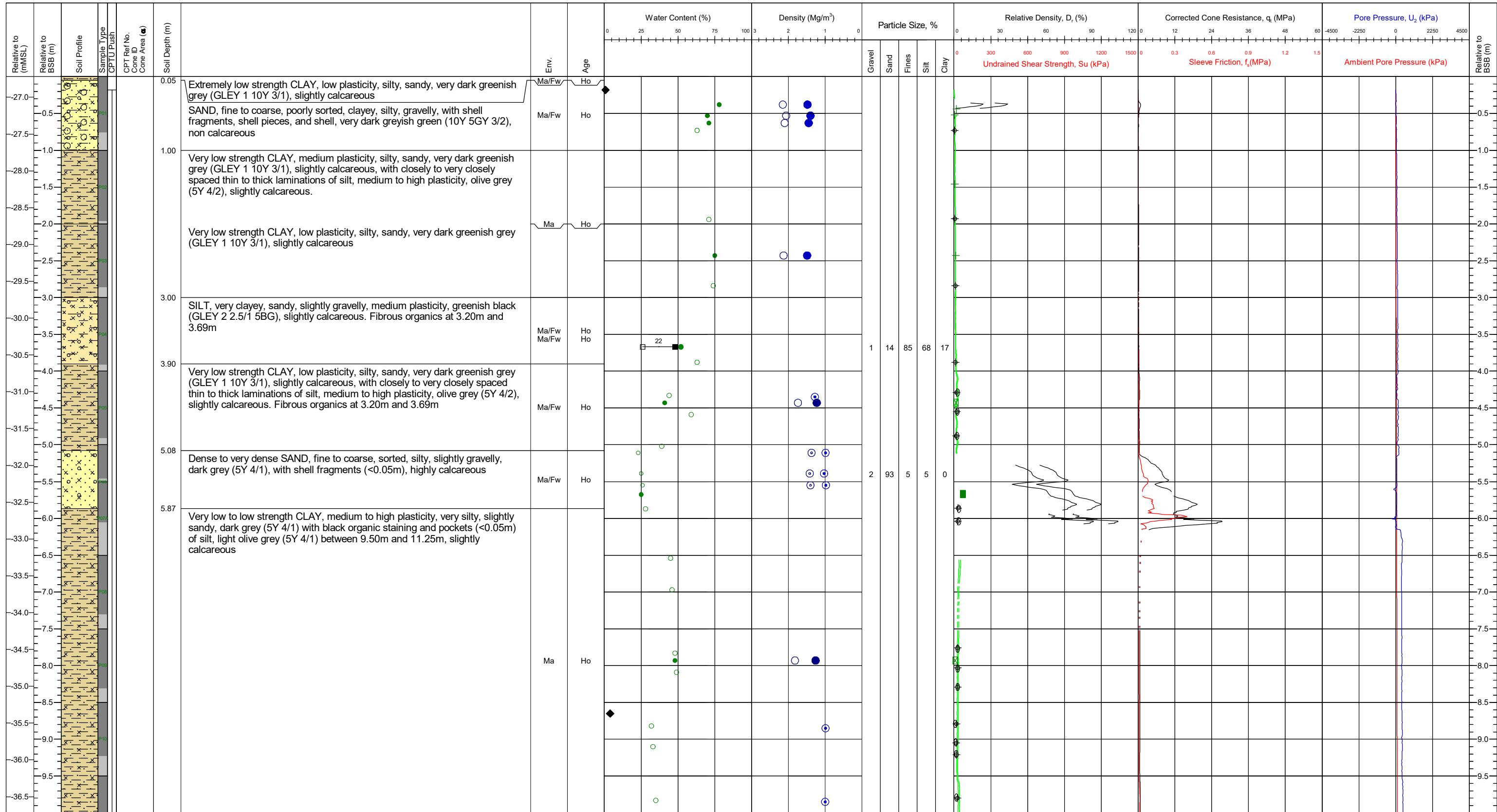
BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE				Area				Coordinates				QC Status			Location Names					
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5				Kattegat Sea		671118.6E 6254692.2N		CRS: ETRS89		Preliminary	Draft	Final	CB5-BH			
	SAND		GRAVEL					Contract		11596		Latitude / Longitude		Comments: Location data taken from CB5a. CB5a class 2 test terminated at 37.28m due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test. Continuous seabed CPT. Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.			BC/JK (28/06/2021)		DR (28/06/2021)	SMc (10/11/2021)
	CHALK		PEAT					Client Name / Ref		Energinet Eltransmission A/S / 384_20_ENE		Water Depth (mMSL)		-27.4						
				Vessel		MV Ocean Vantage		Date of Test (Start-End)												
				Method		Wilson		Final Borehole Depth		64.70m										

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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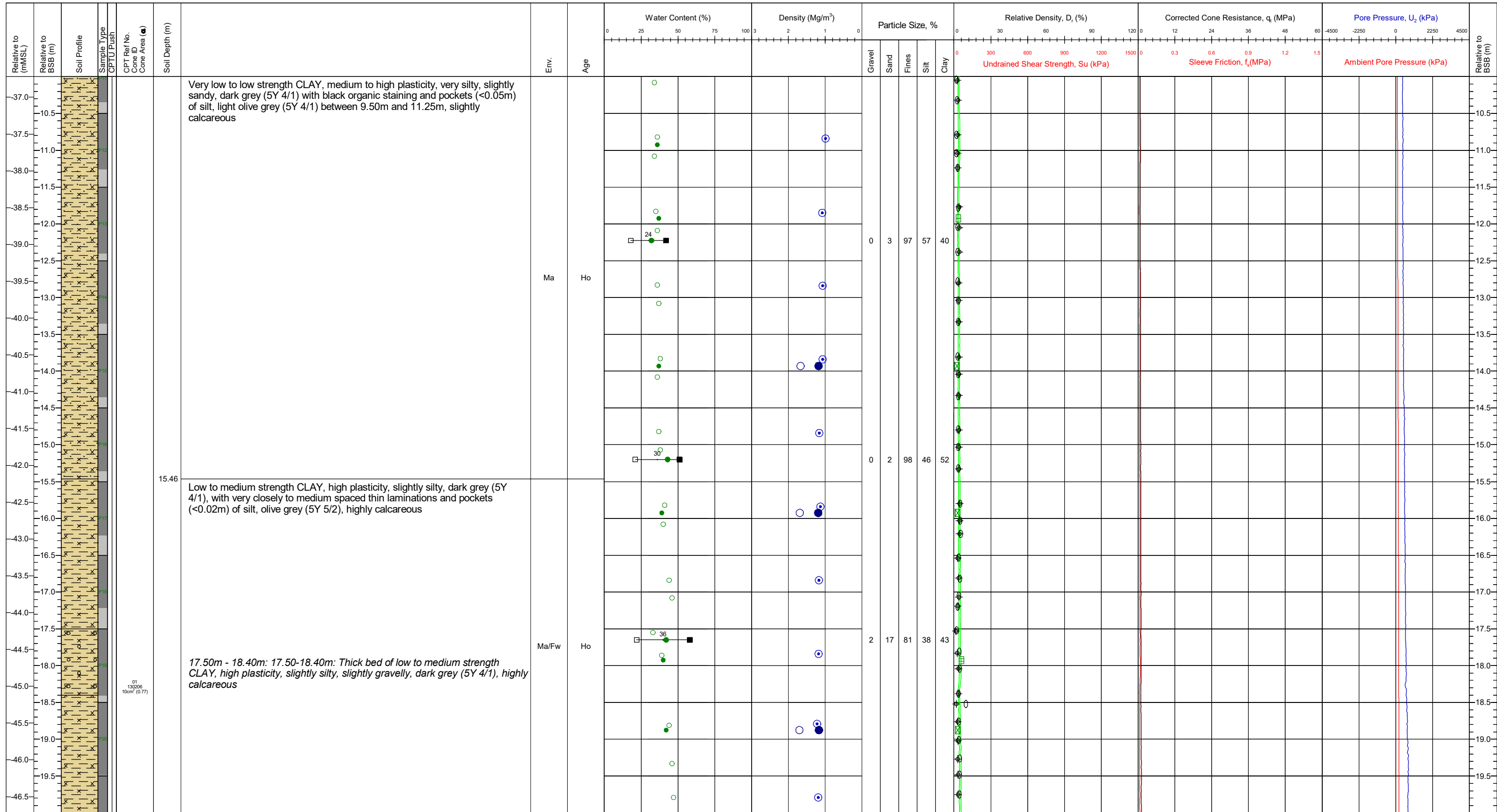
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	668193.7E 6257998.3N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB6a
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7	Comments: Location data taken from CB6a. CB6a class 1 test terminated at 36.08m at operators discretion due to high inclination (18 degrees). Continuous seabed CPT. Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.	Draft	CB6-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	56.70m		BC/JK (28/06/2021)	
					DR (28/06/2021)	
					SMc (10/11/2021)	
						Page: 1/6

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

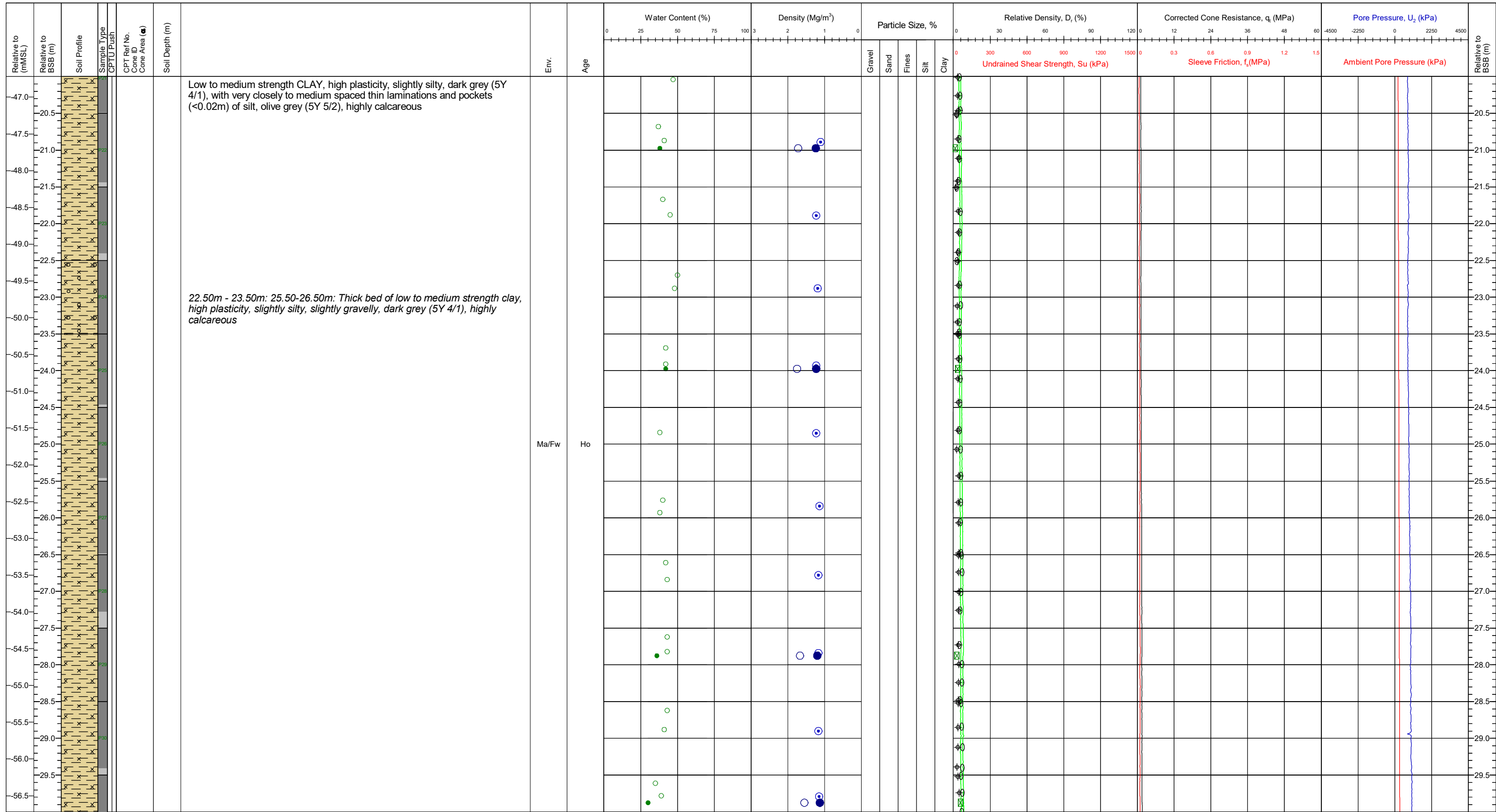
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	668193.7E 6257998.3N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB6a
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7	Comments: Location data taken from CB6a. CB6a class 1 test terminated at 36.08m at operators discretion due to high inclination (18 degrees). Continuous seabed CPT. Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.	Draft	CB6-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	56.70m		BC/JK (28/06/2021)	
					DR (28/06/2021)	
					SMc (10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

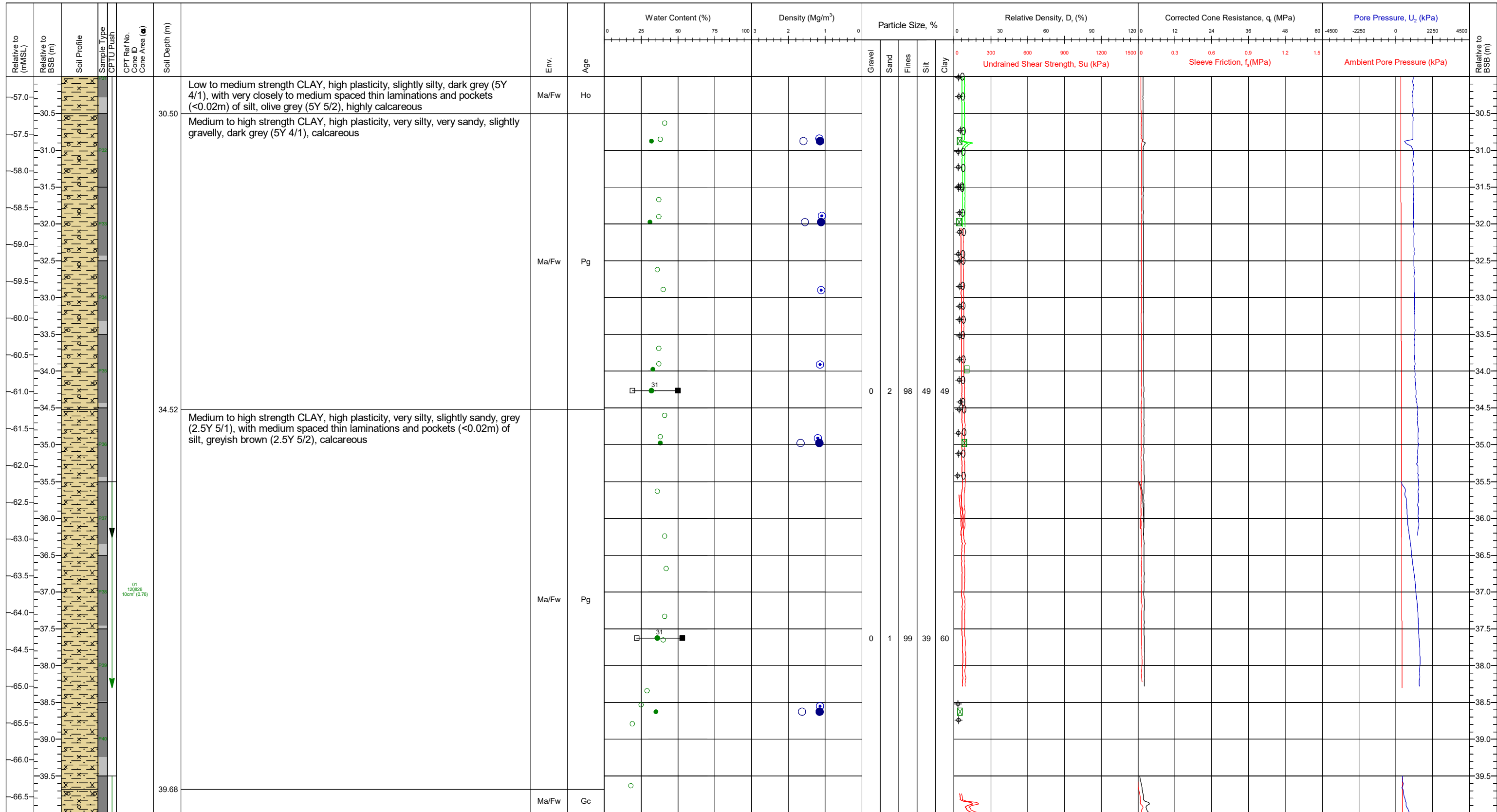


KEY TO SOIL PROFILE

<p>Assumed Unit Weight: 20 - 16 kN/m³ K_s: 0.5 - 2.0 N_{cr}: 15 - 20 N_{cr}: 12.5 - 16.5</p>	<p>Area: Kattegat Sea</p> <p>Contract: 11596</p> <p>Client Name / Ref: Energinet Eltransmission A/S / 384_20_ENE</p> <p>Vessel: MV Ocean Vantage</p> <p>Method: 20 kN Sea bed CPT</p>	<p>Coordinates: 668193.7E 6257998.3N</p> <p>Latitude / Longitude</p> <p>Water Depth (mMSL): -26.7</p> <p>Date of Test (Start-End)</p> <p>Final Borehole Depth: 56.70m</p>	<p>CRS: ETRS89</p> <p>Comments: Location data taken from CB6a. CB6a class 1 test terminated at 36.08m at operators discretion due to high inclination (18 degrees). Continuous seabed CPT. Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.</p>	<p>QC Status</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>BC/JK <small>(28/06/2021)</small></td> <td>DR <small>(28/06/2021)</small></td> <td>SMc <small>(10/11/2021)</small></td> </tr> </table>	Preliminary	Draft	Final	BC/JK <small>(28/06/2021)</small>	DR <small>(28/06/2021)</small>	SMc <small>(10/11/2021)</small>	<p>Location Names</p> <p style="text-align: center;">CB6a CB6-BH</p>
Preliminary	Draft	Final									
BC/JK <small>(28/06/2021)</small>	DR <small>(28/06/2021)</small>	SMc <small>(10/11/2021)</small>									

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



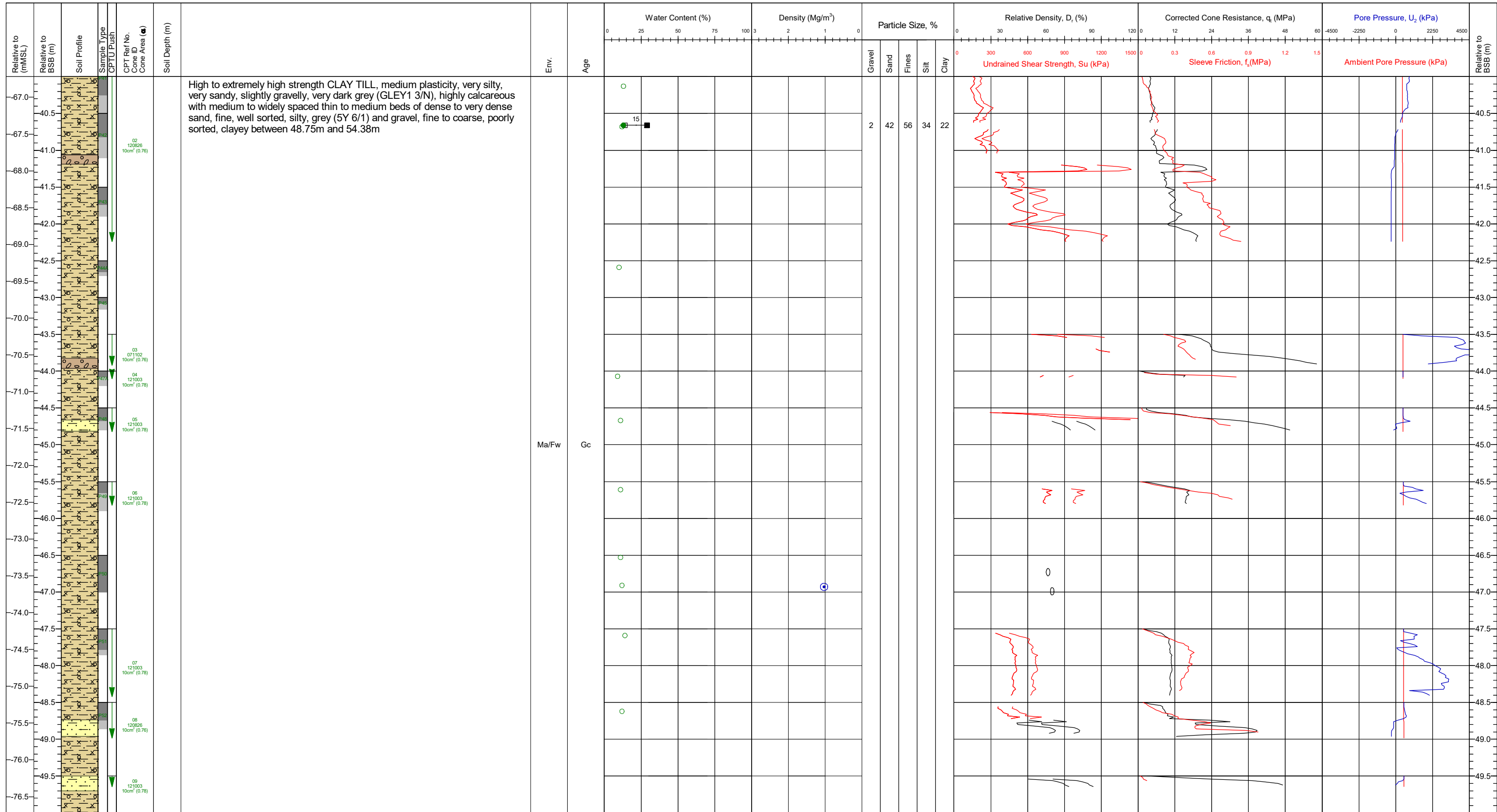
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	668193.7E 6257998.3N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB6a CB6-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7	Comments: Location data taken from CB6a. CB6a class 1 test terminated at 36.08m at operators discretion due to high inclination (18 degrees). Continuous seabed CPT. Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.	BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	Page: 4/6
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	56.70m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

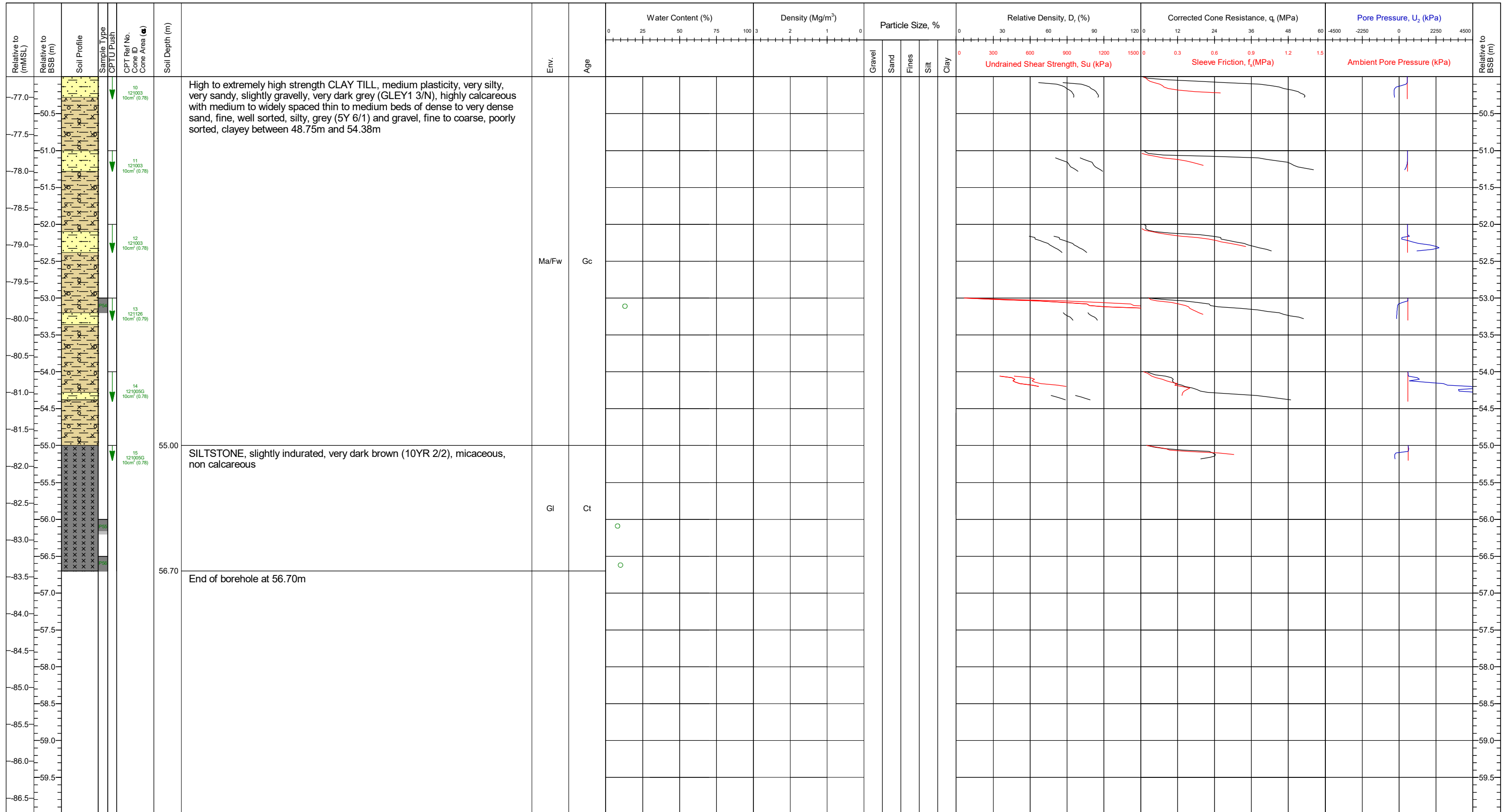
Area	Kattegat Sea	Coordinates	668193.7E 6257998.3N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB6-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wilson	Final Borehole Depth	56.70m		BC/JK (28/06/2021)	
					DR (28/06/2021)	
					SMc (10/11/2021)	

Comments: Location data taken from CB6a. CB6a class 1 test terminated at 36.08m at operators discretion due to high inclination (18 degrees). Continuous seabed CPT. Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.

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Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



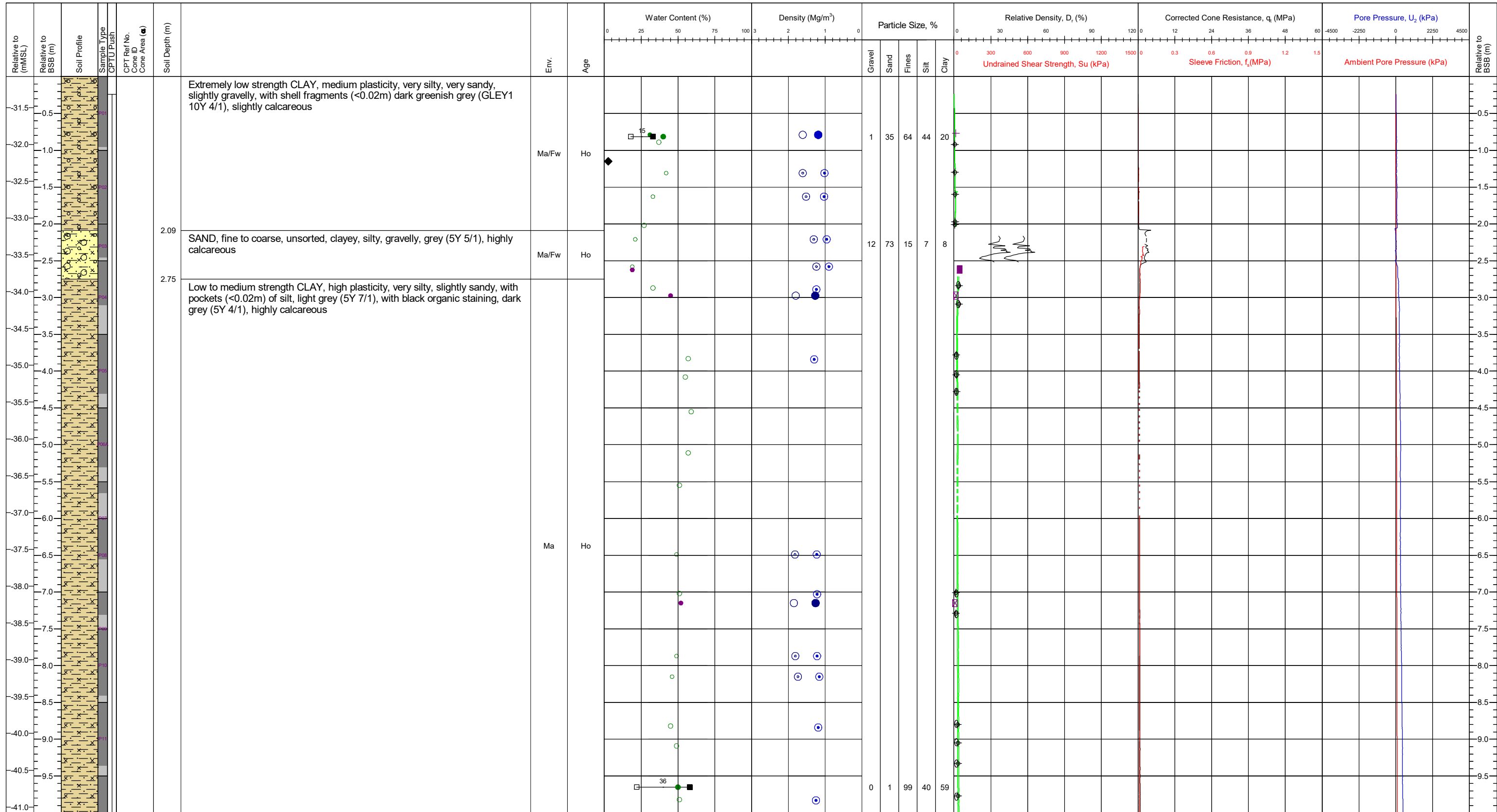
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K_s : 0.5 - 2.0 N_{cr} : 15 - 20 N_{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	668193.7E 6257998.3N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names CB6-BH		
Contract	11596	Latitude / Longitude						
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-26.7		Comments: Location data taken from CB6a. CB6a class 1 test terminated at 36.08m at operators discretion due to high inclination (18 degrees). Continuous seabed CPT. Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.	BC/JK (28/06/2021)	DR (28/06/2021)	SMC (10/11/2021)
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	Wilson	Final Borehole Depth	56.70m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



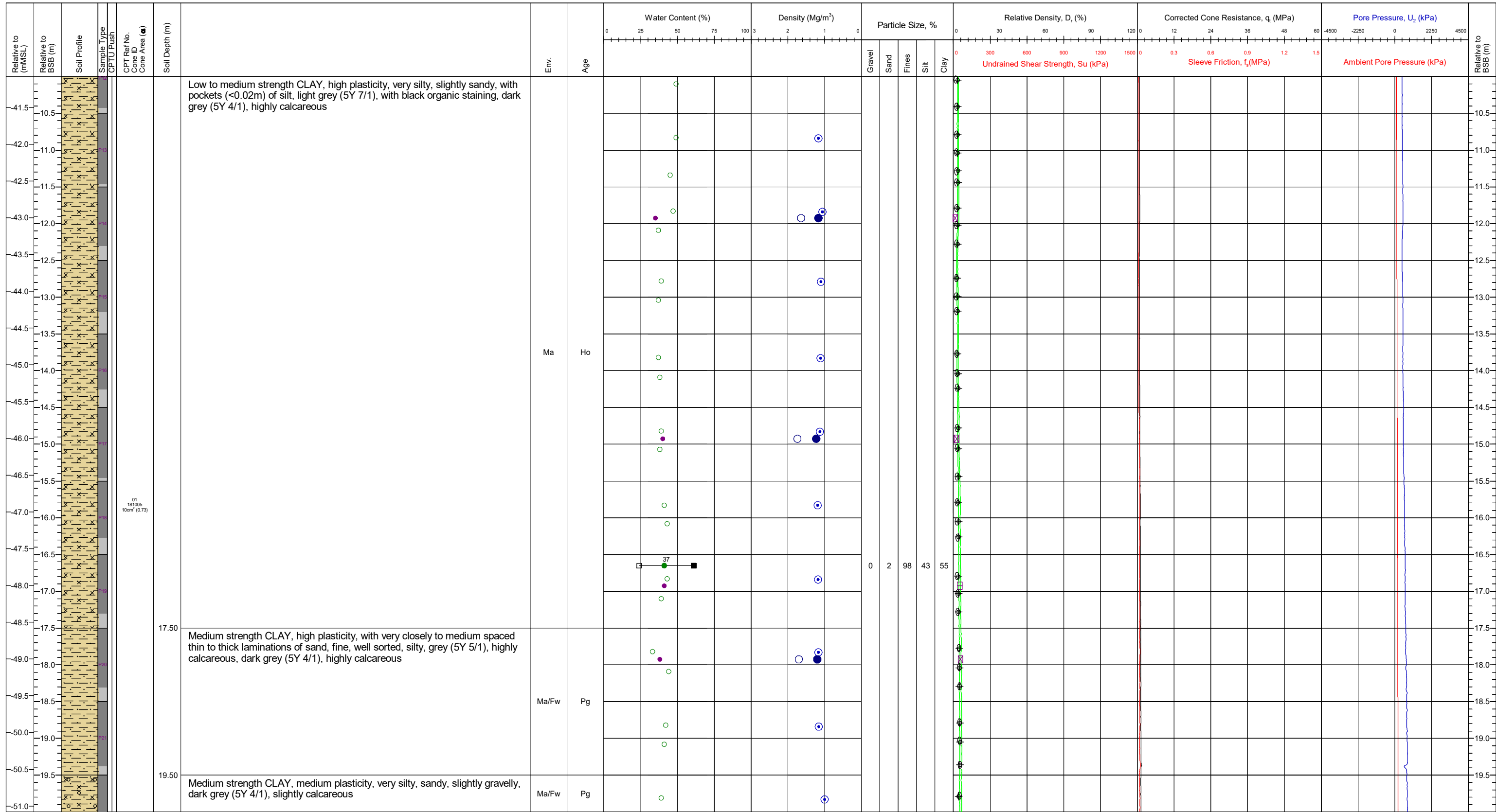
KEY TO SOIL PROFILE

SILT SAND CHALK CLAY GRAVEL PEAT COBBLES Mixed Soil	<p>Assumed Unit Weight: 20 - 16 kN/m³ K_s: 0.5 - 2.0 N_{cr}: 15 - 20 N_{cr}: 12.5 - 16.5</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Area</td> <td>Kattegat Sea</td> <td>Coordinates</td> <td>673538.5E 6259616.4N</td> <td>CRS: ETRS89</td> </tr> <tr> <td>Contract</td> <td>11596</td> <td>Latitude / Longitude</td> <td colspan="2"></td> </tr> <tr> <td>Client Name / Ref</td> <td>Energinet Eltransmission A/S / 384_20_ENE</td> <td>Water Depth (mMSL)</td> <td colspan="2">-31.1</td> </tr> <tr> <td>Vessel</td> <td>MV Ocean Vantage</td> <td>Date of Test (Start-End)</td> <td colspan="2"></td> </tr> <tr> <td>Method</td> <td>20 kN Sea bed CPT</td> <td>Final Borehole Depth</td> <td colspan="2">64.32m</td> </tr> </table>	Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89	Contract	11596	Latitude / Longitude			Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1		Vessel	MV Ocean Vantage	Date of Test (Start-End)			Method	20 kN Sea bed CPT	Final Borehole Depth	64.32m		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: center;">QC Status</td> <td rowspan="2" style="text-align: center;">Location Names CB7a CB7-BH</td> </tr> <tr> <td style="text-align: center;">Preliminary</td> <td style="text-align: center;">Draft</td> <td style="text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">BC/JK (28/06/2021)</td> <td style="text-align: center;">DR (28/06/2021)</td> <td style="text-align: center;">SMc (10/11/2021)</td> <td style="text-align: center;">Page: 1/7</td> </tr> </table>	QC Status			Location Names CB7a CB7-BH	Preliminary	Draft	Final	BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	Page: 1/7
Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89																																			
Contract	11596	Latitude / Longitude																																					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1																																				
Vessel	MV Ocean Vantage	Date of Test (Start-End)																																					
Method	20 kN Sea bed CPT	Final Borehole Depth	64.32m																																				
QC Status			Location Names CB7a CB7-BH																																				
Preliminary	Draft	Final																																					
BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	Page: 1/7																																				

Comments: Location data taken from CB7a. CB7a class 1 test terminated at 31.03m due to sleeve friction refusal. Continuous seabed CPT. Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling-Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

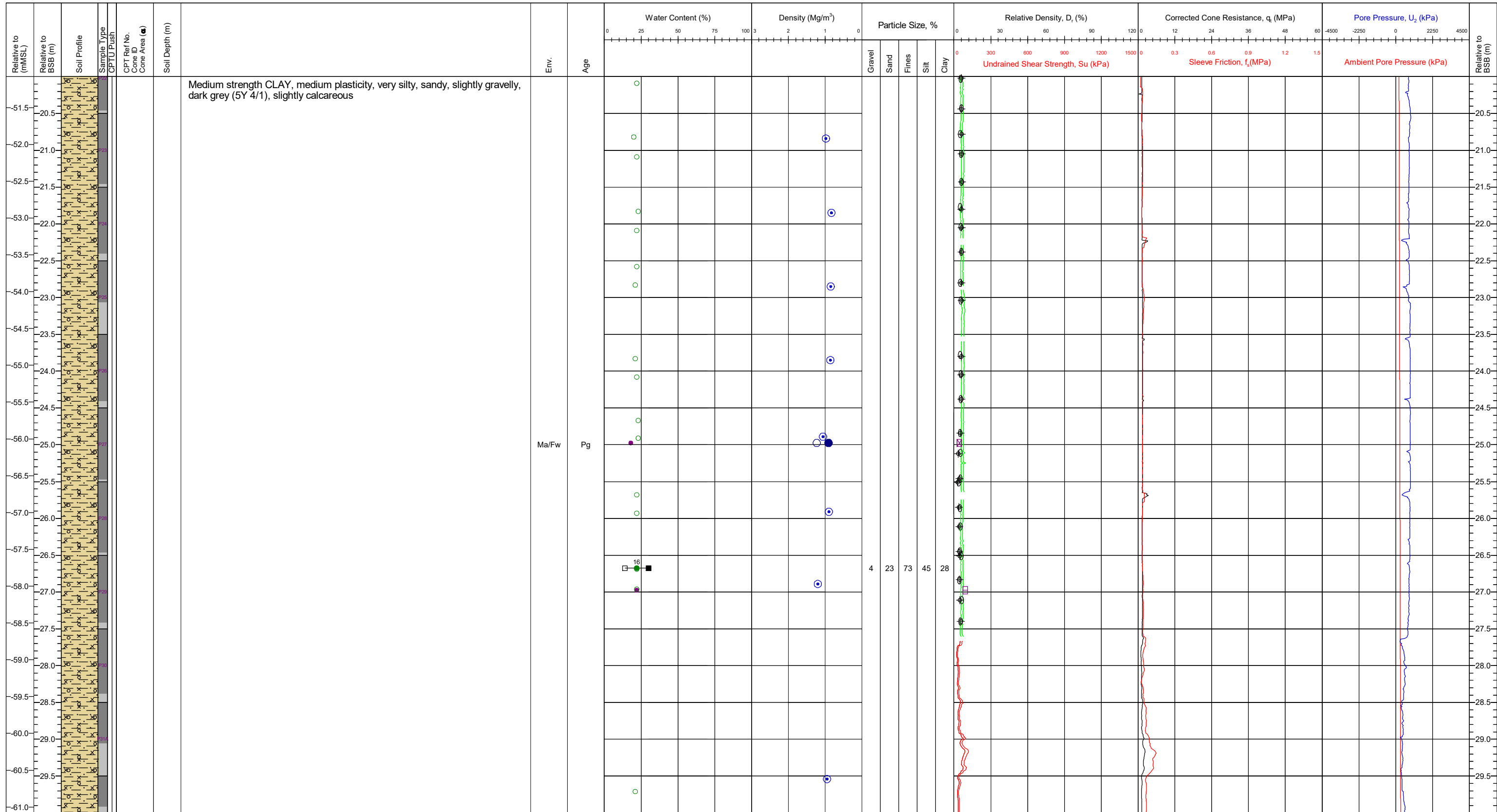


KEY TO SOIL PROFILE

<p>Assumed Unit Weight: 20 - 16 kN/m³</p> <p>K_s: 0.5 - 2.0</p> <p>N_{cr}: 15 - 20</p> <p>N_{cr}: 12.5 - 16.5</p>	Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89	QC Status			Location Names
	Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB7a CB7-BH
	Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1	Comments: Location data taken from CB7a. CB7a class 1 test terminated at 31.03m due to sleeve friction refusal. Continuous seabed CPT. Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling-Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.				
	Vessel	MV Ocean Vantage	Date of Test (Start-End)						
	Method	20 kN Sea bed CPT	Final Borehole Depth	64.32m					
						BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	Page: 2/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

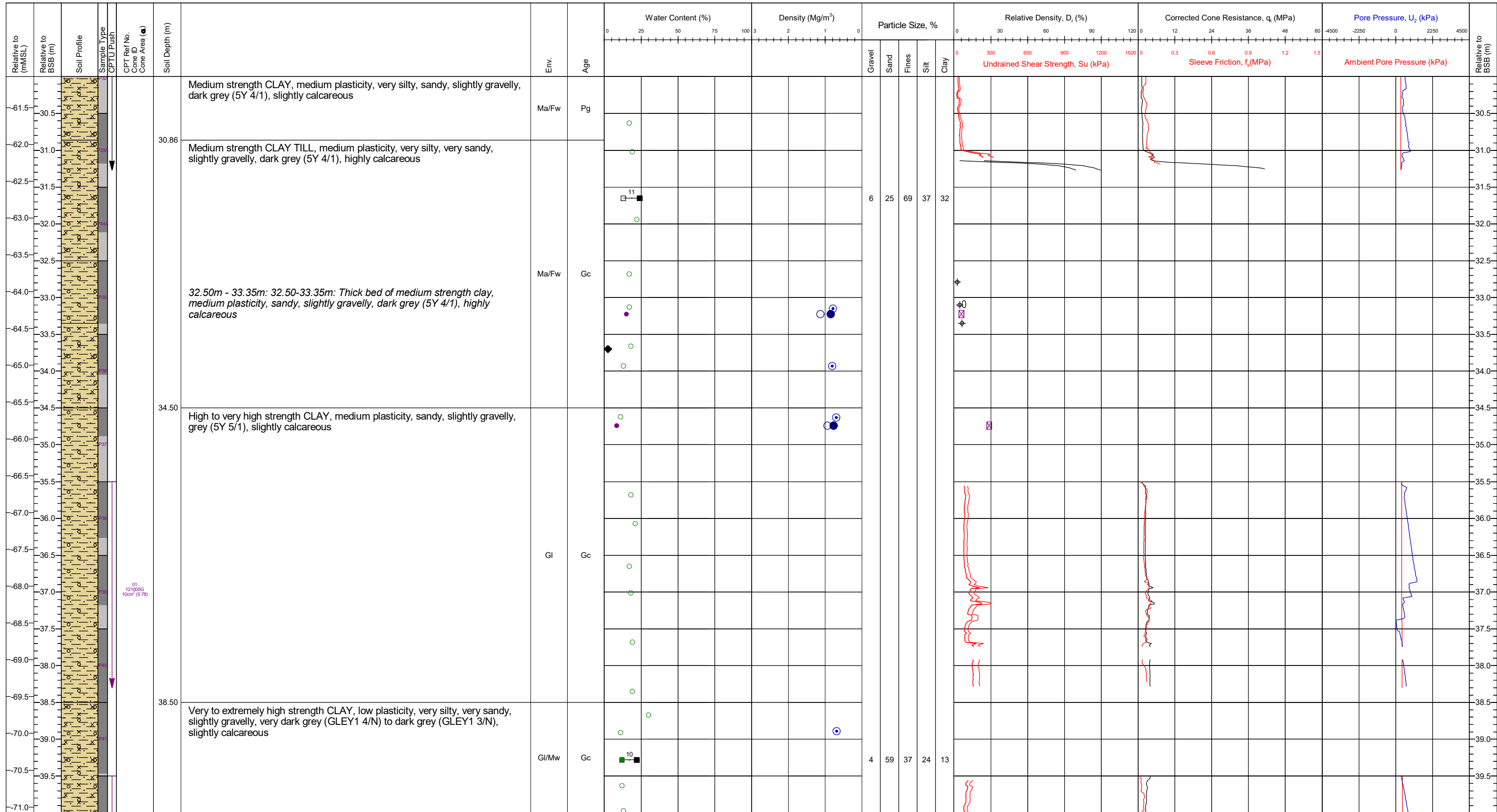


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5	Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89	QC Status			Location Names	
	SAND		GRAVEL			Contract	11596	Latitude / Longitude		Comments: Location data taken from CB7a. CB7a class 1 test terminated at 31.03m due to sleeve friction refusal. Continuous seabed CPT. Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling-Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.	Preliminary	Draft	Final	CB7a CB7-BH
	CHALK		PEAT			Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	Page: 3/7
					Vessel	MV Ocean Vantage	Date of Test (Start-End)							
					Method	20 kN Sea bed CPT	Final Borehole Depth	64.32m						

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

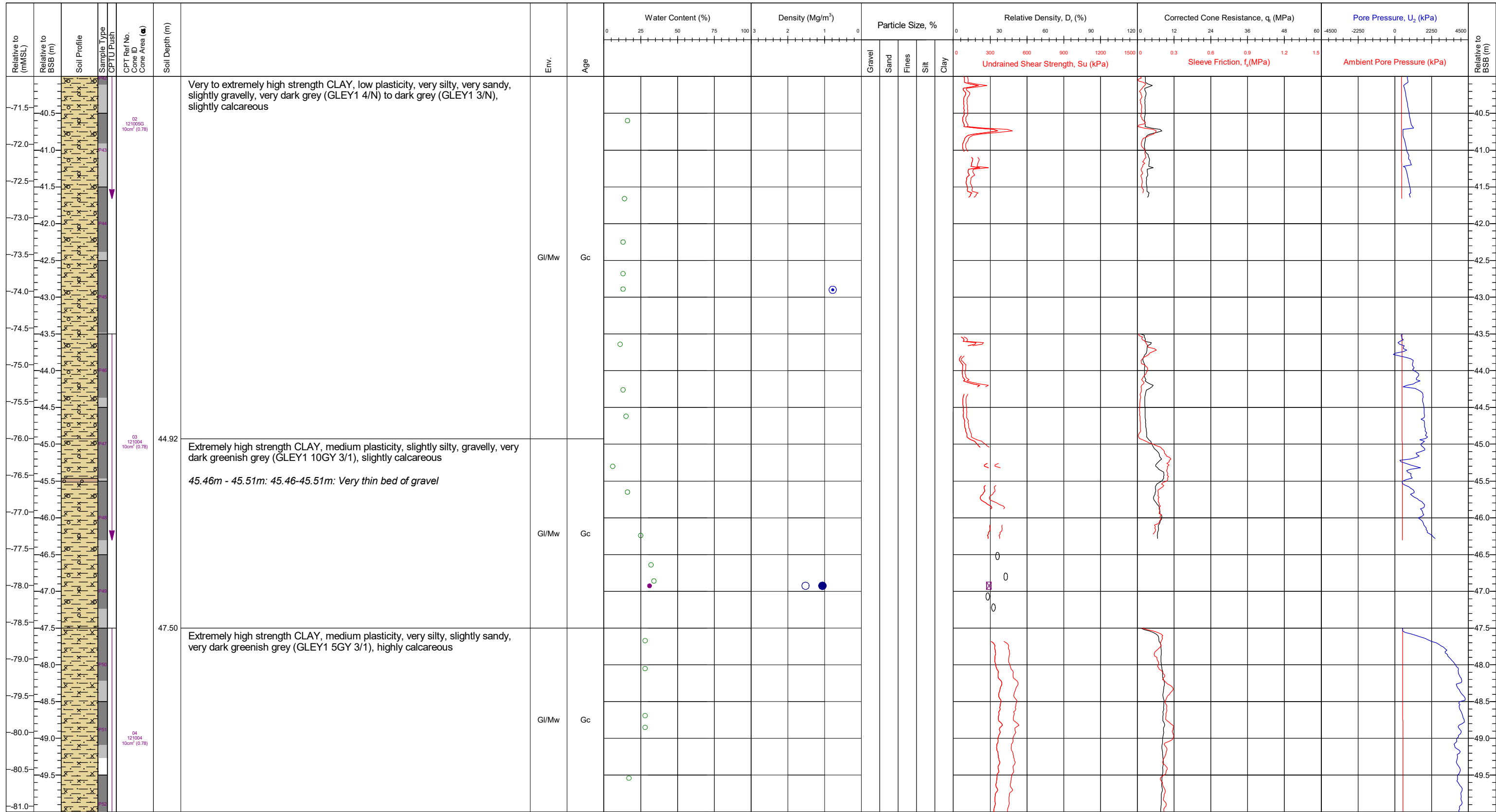
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89	QC Status Preliminary Draft Final BC/JK (28/06/2021) DR (28/06/2021) SMc (10/11/2021)	Location Names CB7a CB7-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1	Comments: Location data taken from CB7a. CB7a class 1 test terminated at 31.03m due to sleeve friction refusal. Continuous seabed CPT. Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling-Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	20 kN Sea bed CPT	Final Borehole Depth	64.32m			Page: 4/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

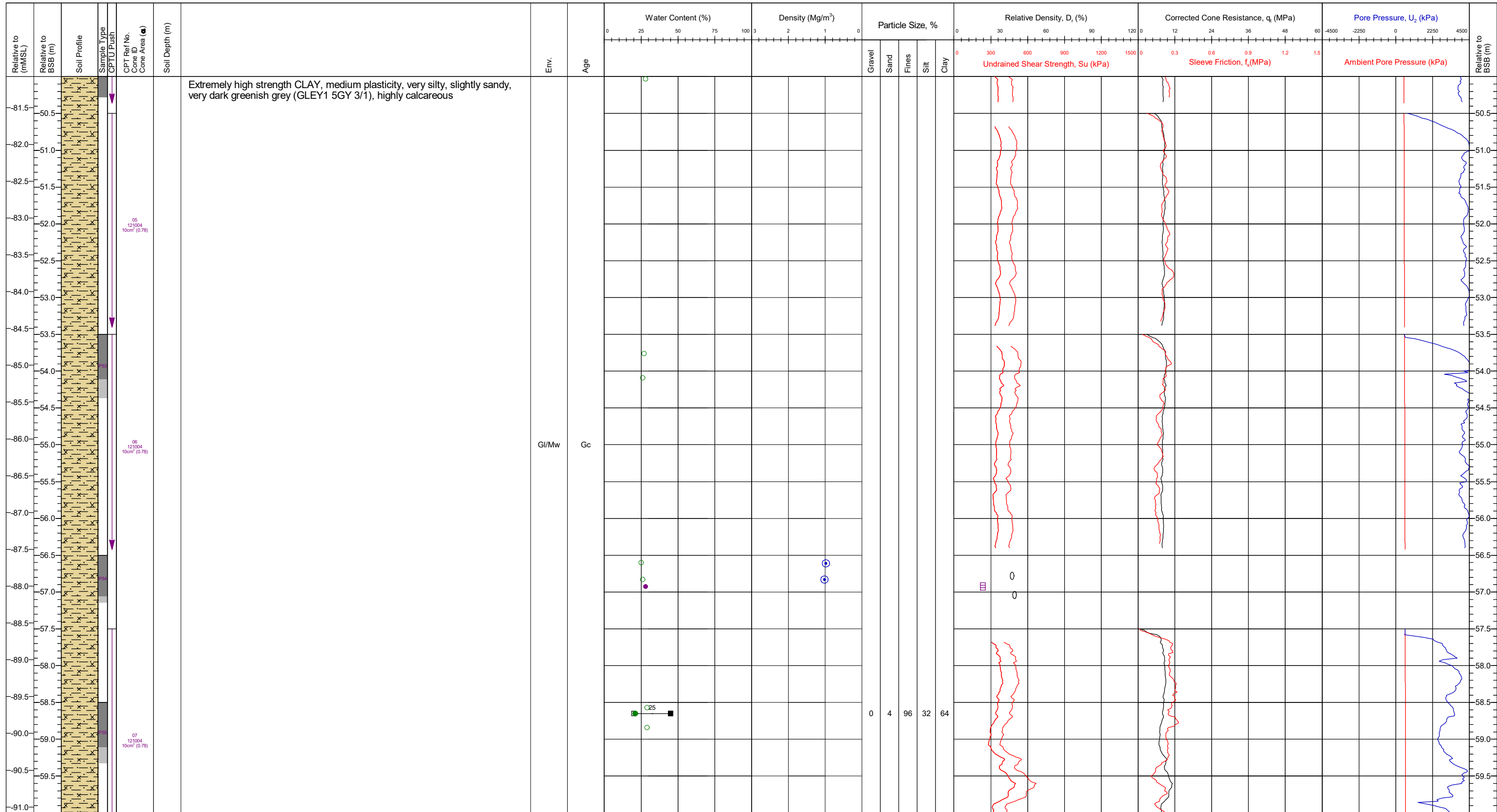
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89	QC Status Preliminary Draft Final BC/JK (28/06/2021) DR (28/06/2021) SMc (10/11/2021)	Location Names CB7-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1	Comments: Location data taken from CB7a. CB7a class 1 test terminated at 31.03m due to sleeve friction refusal. Continuous seabed CPT. Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling-Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	Wison	Final Borehole Depth	64.32m		Page: 5/7	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



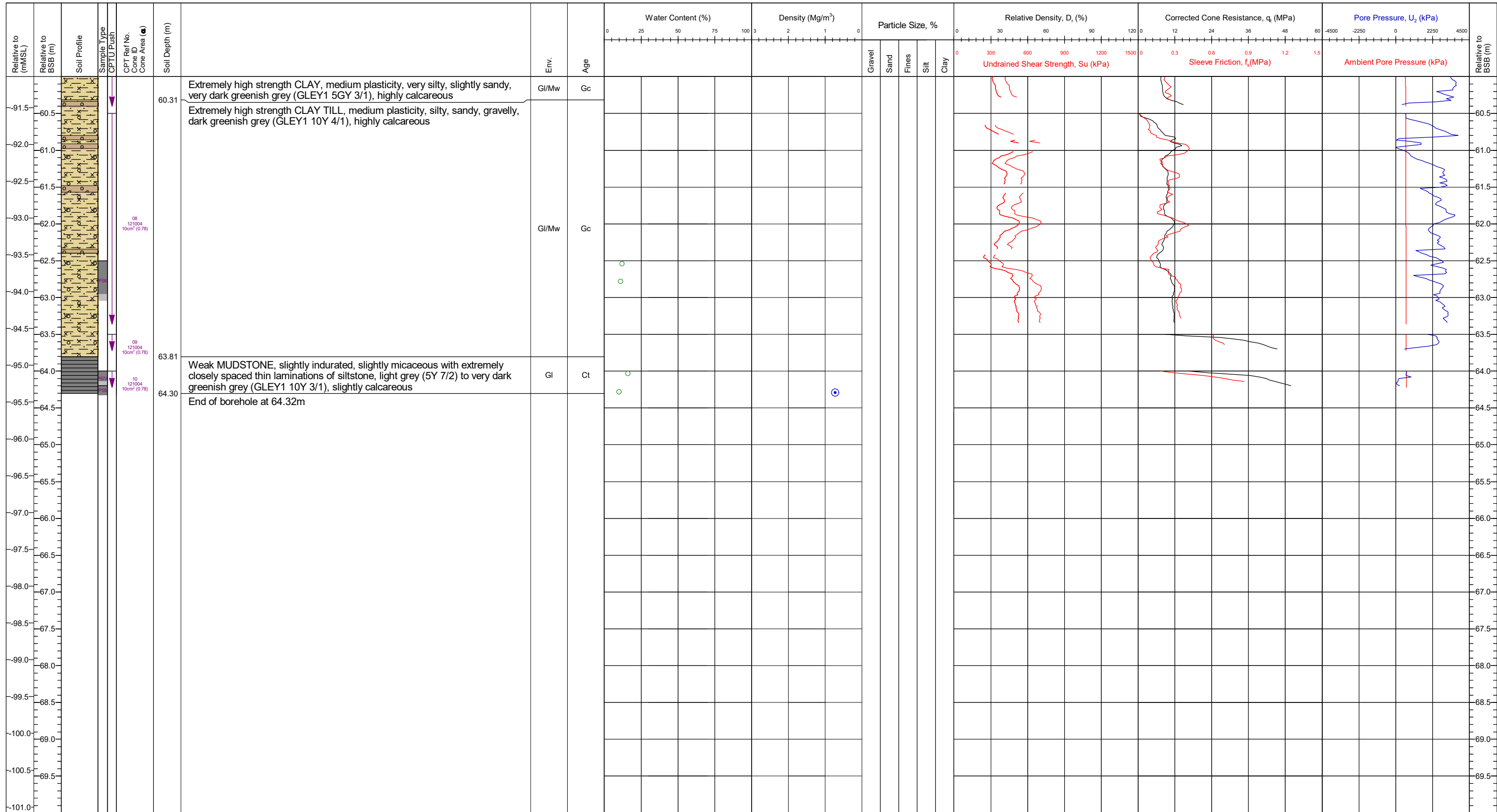
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names CB7-BH		
Contract	11596	Latitude / Longitude						
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1	Comments: Location data taken from CB7a. CB7a class 1 test terminated at 31.03m due to sleeve friction refusal. Continuous seabed CPT. Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling-Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	Wison	Final Borehole Depth	64.32m					
						BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



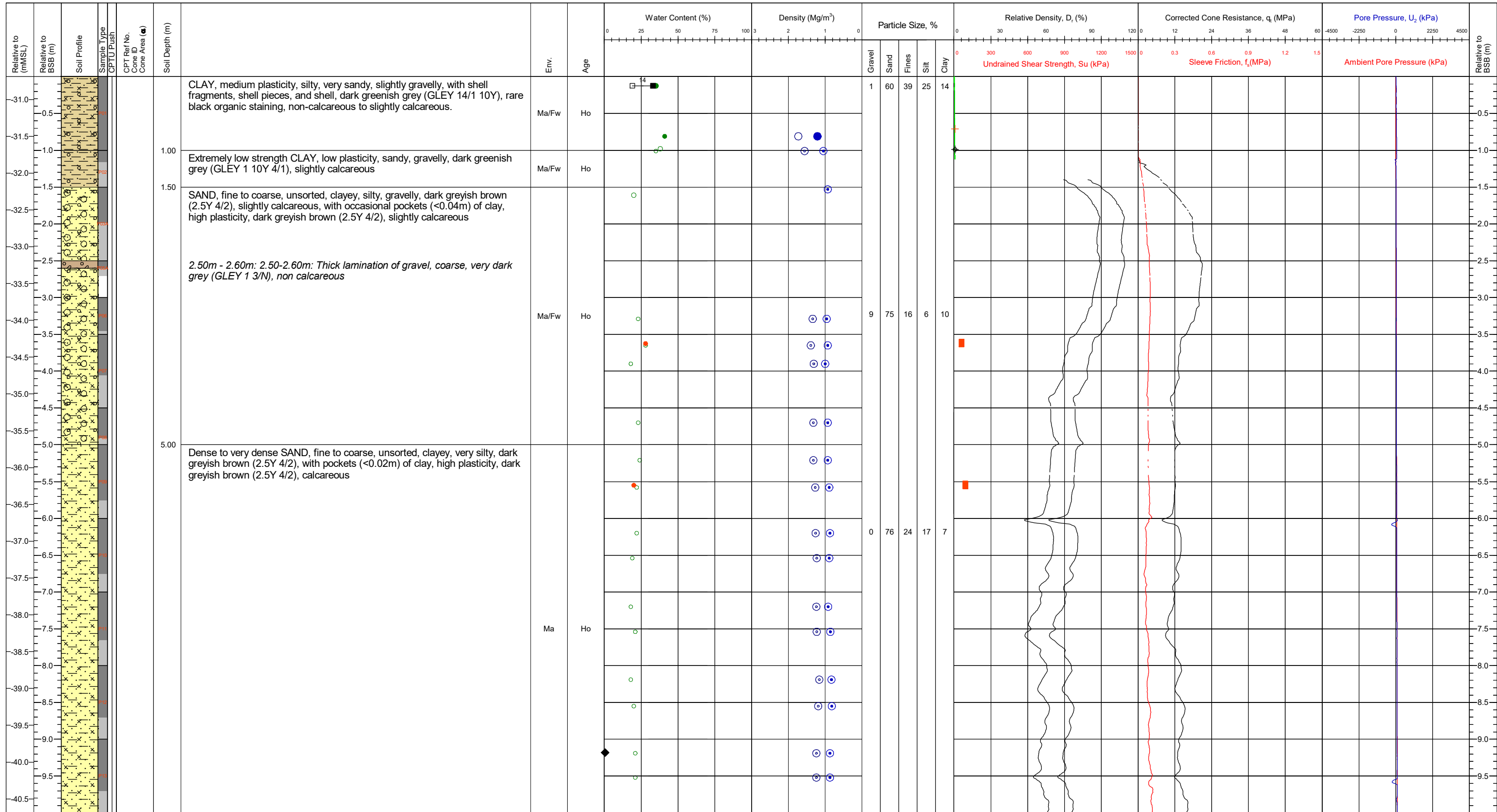
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	673538.5E 6259616.4N	CRS: ETRS89	Comments: Location data taken from CB7a. CB7a class 1 test terminated at 31.03m due to sleeve friction refusal. Continuous seabed CPT. Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling-Wison CPT and push sampling methods. P-S logging was performed from 52m to 4m below mudline.	QC Status			Location Names CB7-BH
Contract	11596	Latitude / Longitude				Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.1						
Vessel	MV Ocean Vantage	Date of Test (Start-End)							
Method	Wison	Final Borehole Depth	64.32m						

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

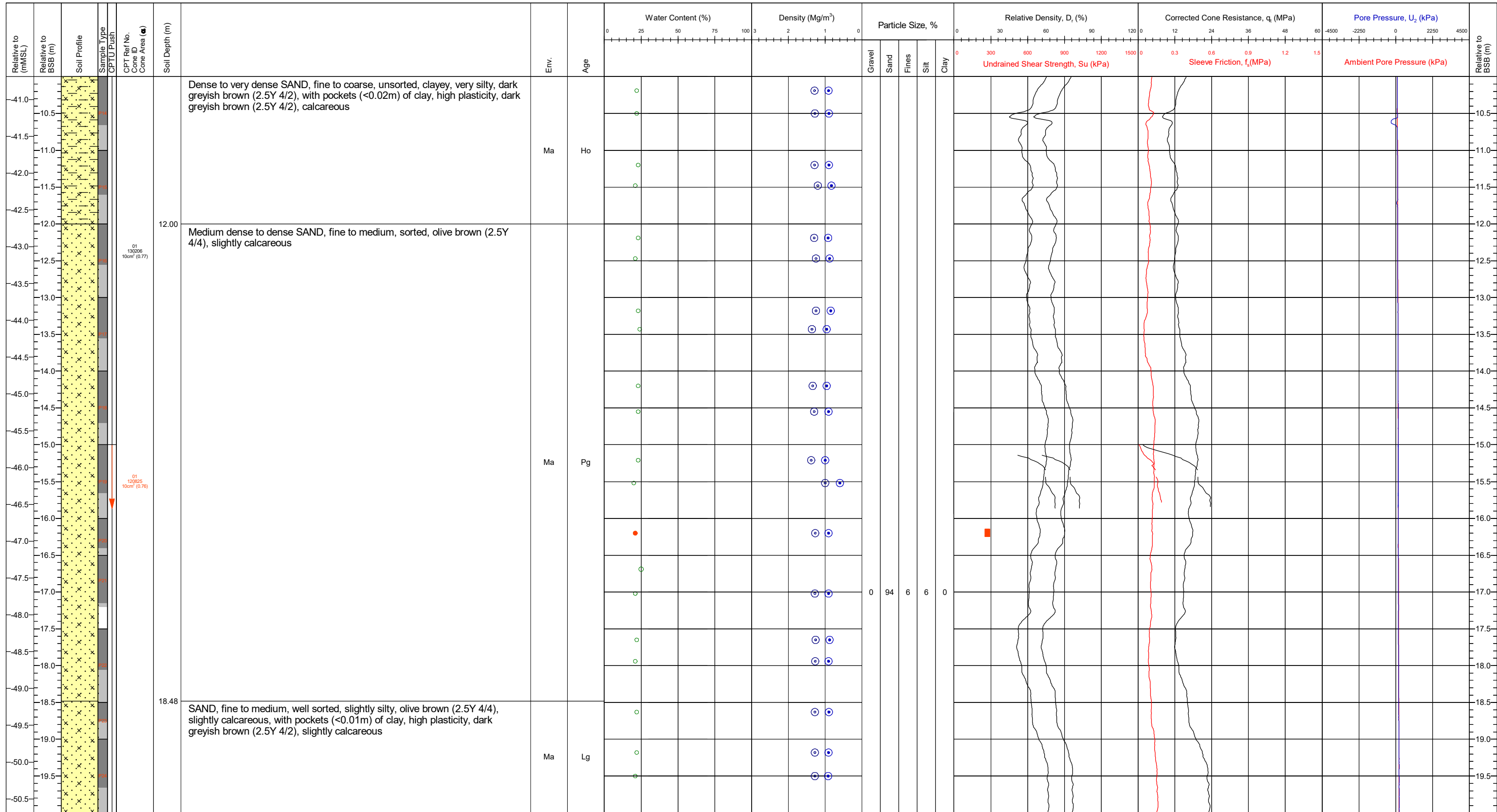


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5	Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	QC Status			Location Names
	SAND		GRAVEL			Contract	11596	Latitude / Longitude		Comments: Location data taken from CB8. CB8 class 1 test terminated at 24.61m at operators discretion due to an increase in cone inclination to prevent damage to equipment. Continuous seabed CPT. Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling-Wison CPT and push sampling methods.	Preliminary	Draft	Final
	CHALK		PEAT		Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.7	BC/JK		DR	SMc	
					Vessel	MV Ocean Vantage	Date of Test (Start-End)		28/06/2021		28/06/2021	10/11/2021	
					Method	20 kN Sea bed CPT	Final Borehole Depth	70.10m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



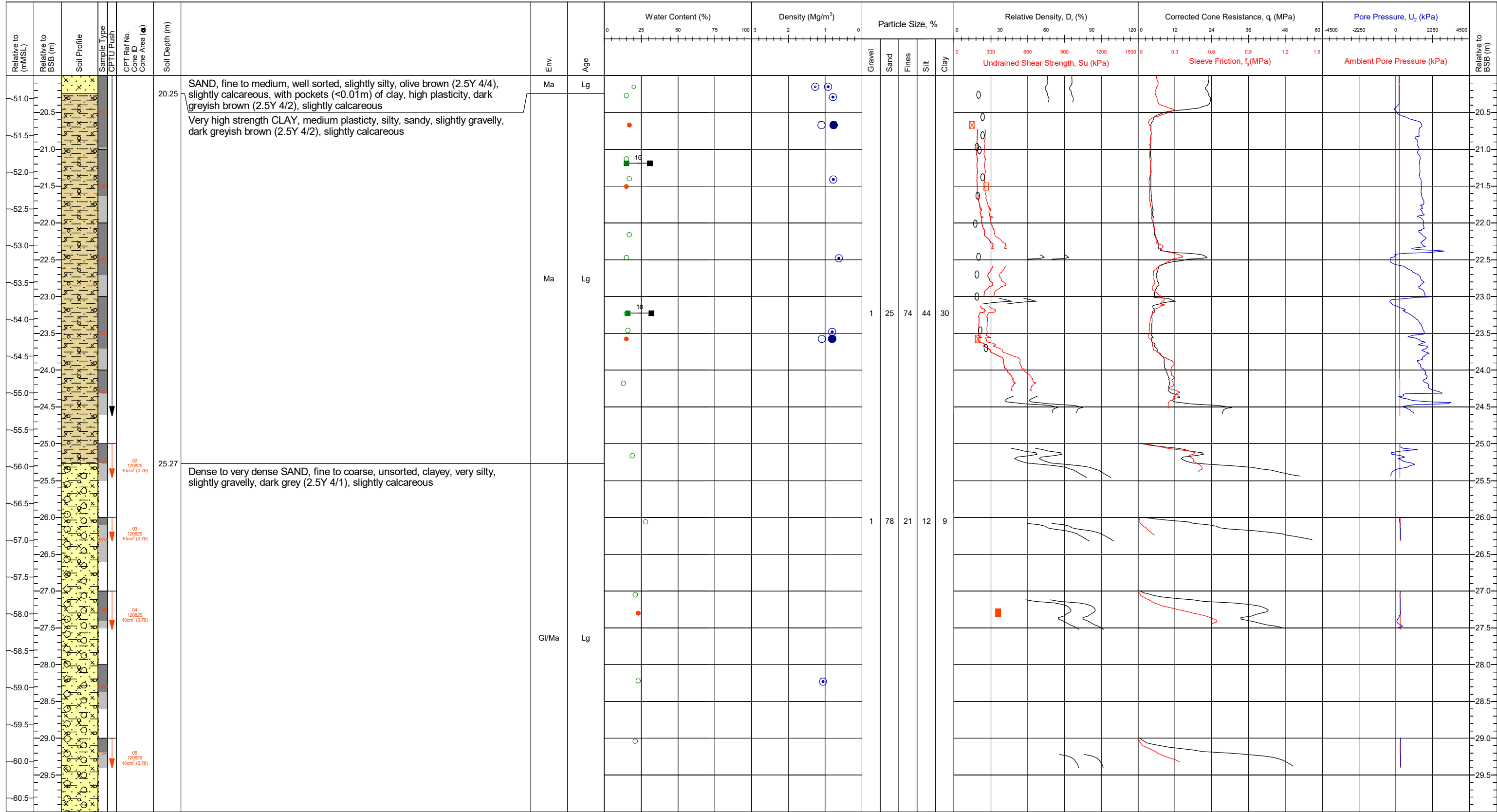
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	QC Status Preliminary Draft Final BC/JK (28/06/2021) DR (28/06/2021) SMc (10/11/2021)	Location Names CB8 CB8-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.7	Comments: Location data taken from CB8. CB8 class 1 test terminated at 24.61m at operators discretion due to an increase in cone inclination to prevent damage to equipment. Continuous seabed CPT. Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling-Wison CPT and push sampling methods.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	20 kN Sea bed CPT	Final Borehole Depth	70.10m			Page: 2/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

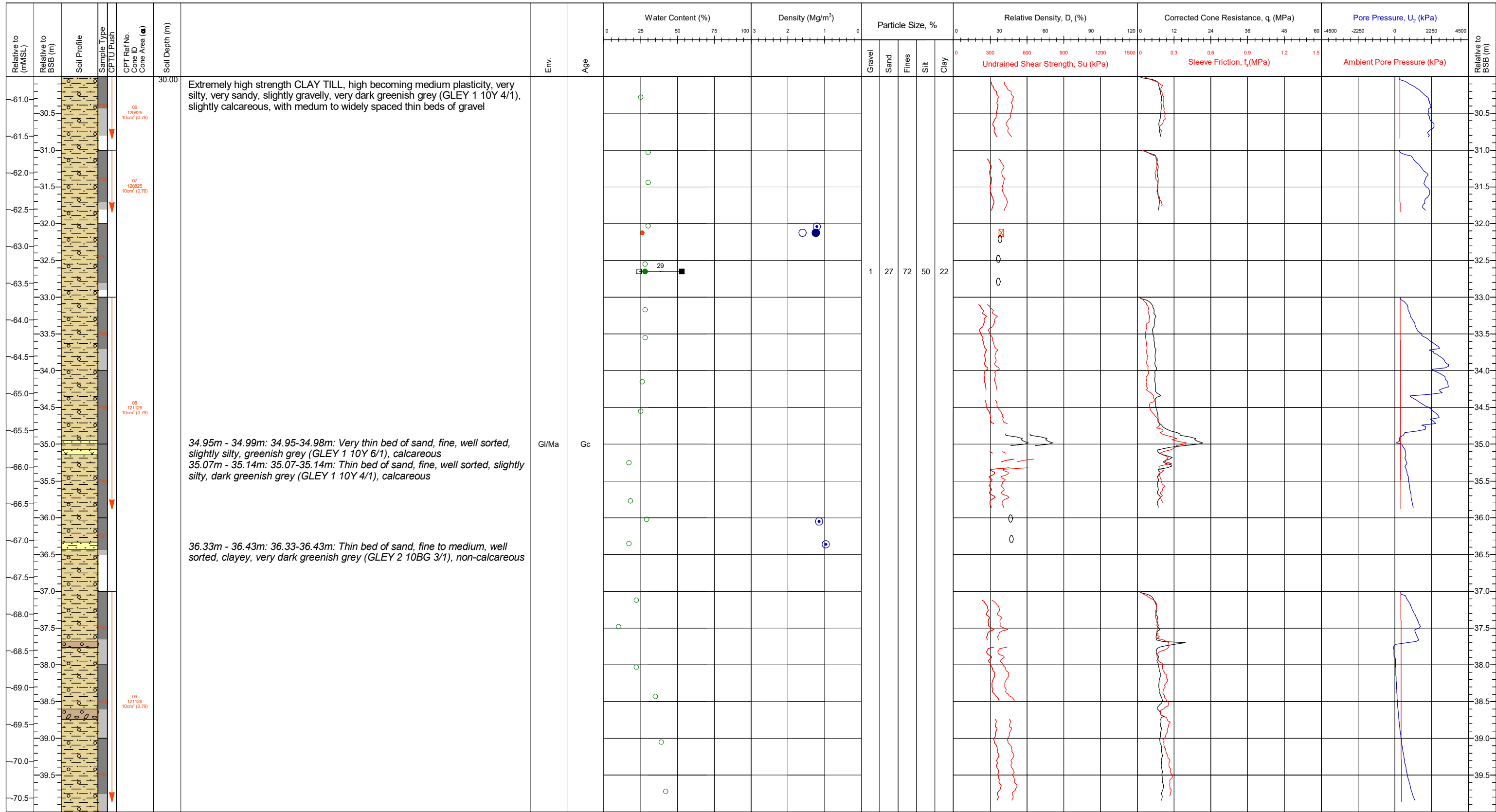
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	Comments: Location data taken from CB8. CB8 class 1 test terminated at 24.61m at operators discretion due to an increase in cone inclination to prevent damage to equipment. Continuous seabed CPT. Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling-Wison CPT and push sampling methods.	QC Status			Location Names CB8 CB8-BH
Contract	11596	Latitude / Longitude				Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.7			BC/JK	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)				(28/06/2021)	(28/06/2021)	(10/11/2021)	
Method	20 kN Sea bed CPT	Final Borehole Depth	70.10m					Page: 3/8	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

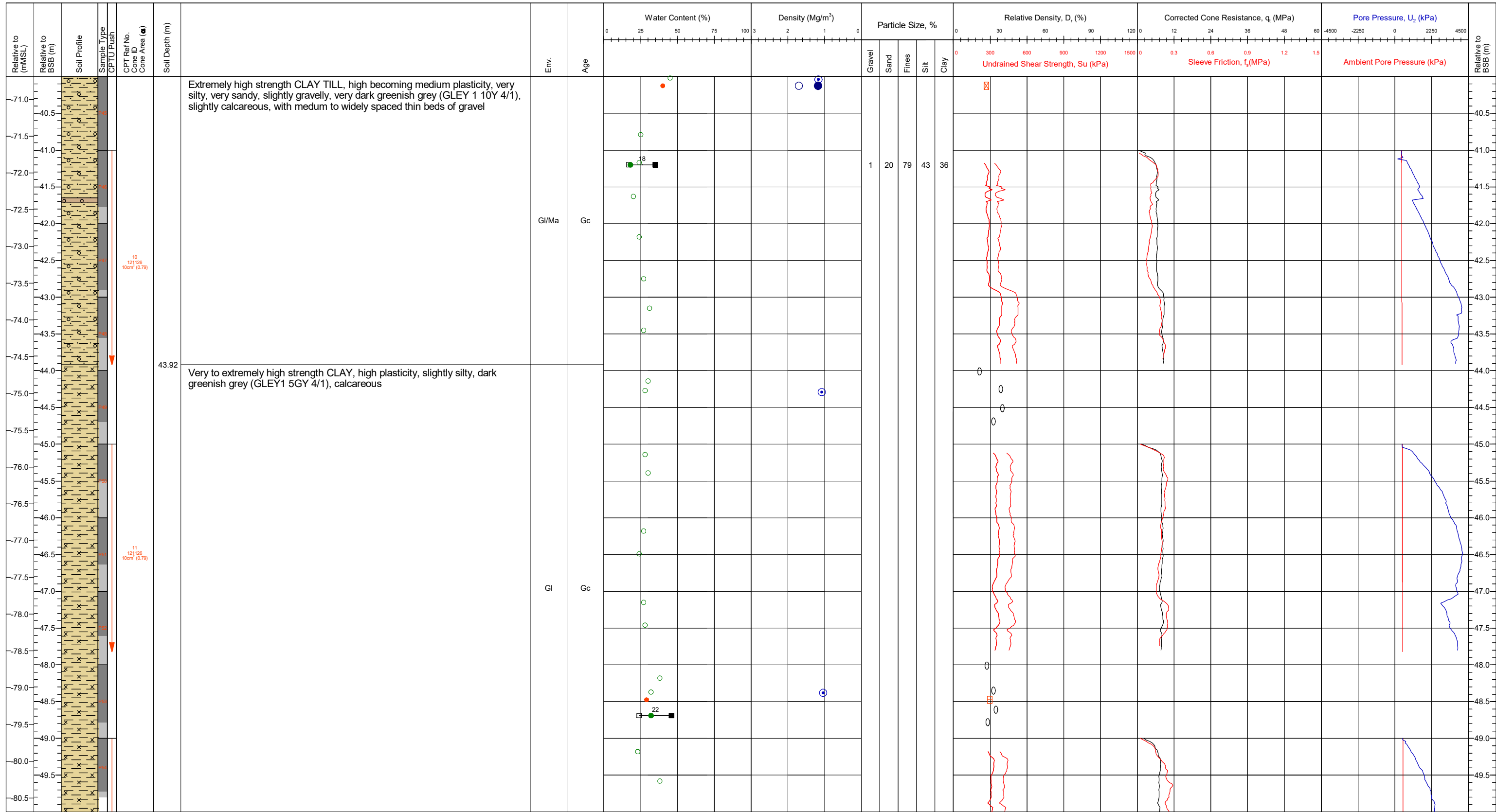
Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB8-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.7		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wilson	Final Borehole Depth	70.10m		BC/JK (28/06/2021)	
					DR (28/06/2021)	
					SMc (10/11/2021)	

Comments: Location data taken from CB8. CB8 class 1 test terminated at 24.61m at operators discretion due to an increase in cone inclination to prevent damage to equipment. Continuous seabed CPT. Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling-Wison CPT and push sampling methods.

Page: 4/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

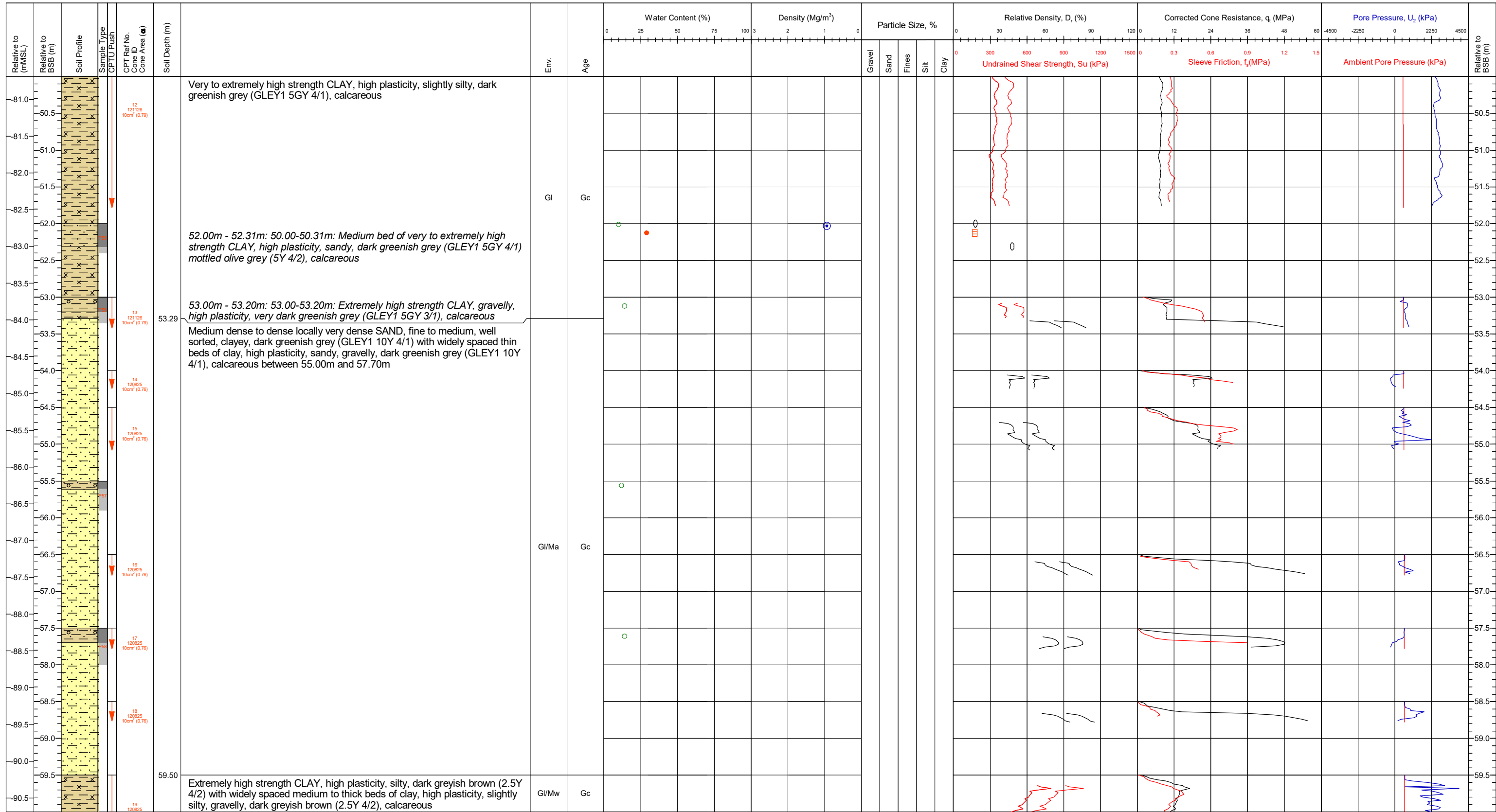
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB8-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.7		Comments: Location data taken from CB8. CB8 class 1 test terminated at 24.61m at operators discretion due to an increase in cone inclination to prevent damage to equipment. Continuous seabed CPT. Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling-Wison CPT and push sampling methods.			
Vessel	MV Ocean Vantage	Date of Test (Start-End)			BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	
Method	Wison	Final Borehole Depth	70.10m					Page: 5/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



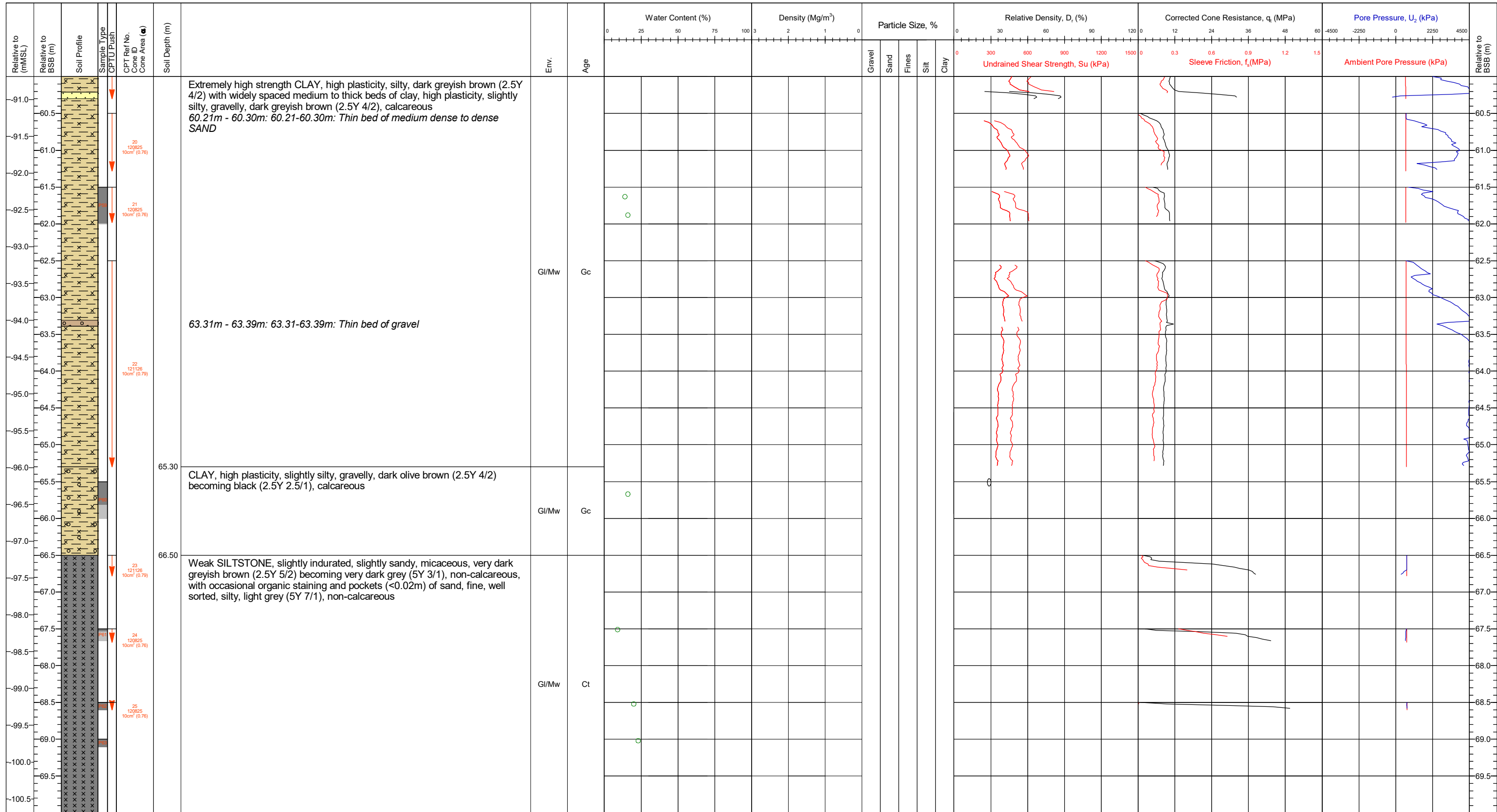
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB8-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.7					
Vessel	MV Ocean Vantage	Date of Test (Start-End)			BC/JK	DR	SMc	
Method	Wilson	Final Borehole Depth	70.10m		(28/06/2021)	(28/06/2021)	(10/11/2021)	Page: 6/8
				Comments: Location data taken from CB8. CB8 class 1 test terminated at 24.61m at operators discretion due to an increase in cone inclination to prevent damage to equipment. Continuous seabed CPT. Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling-Wison CPT and push sampling methods.				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

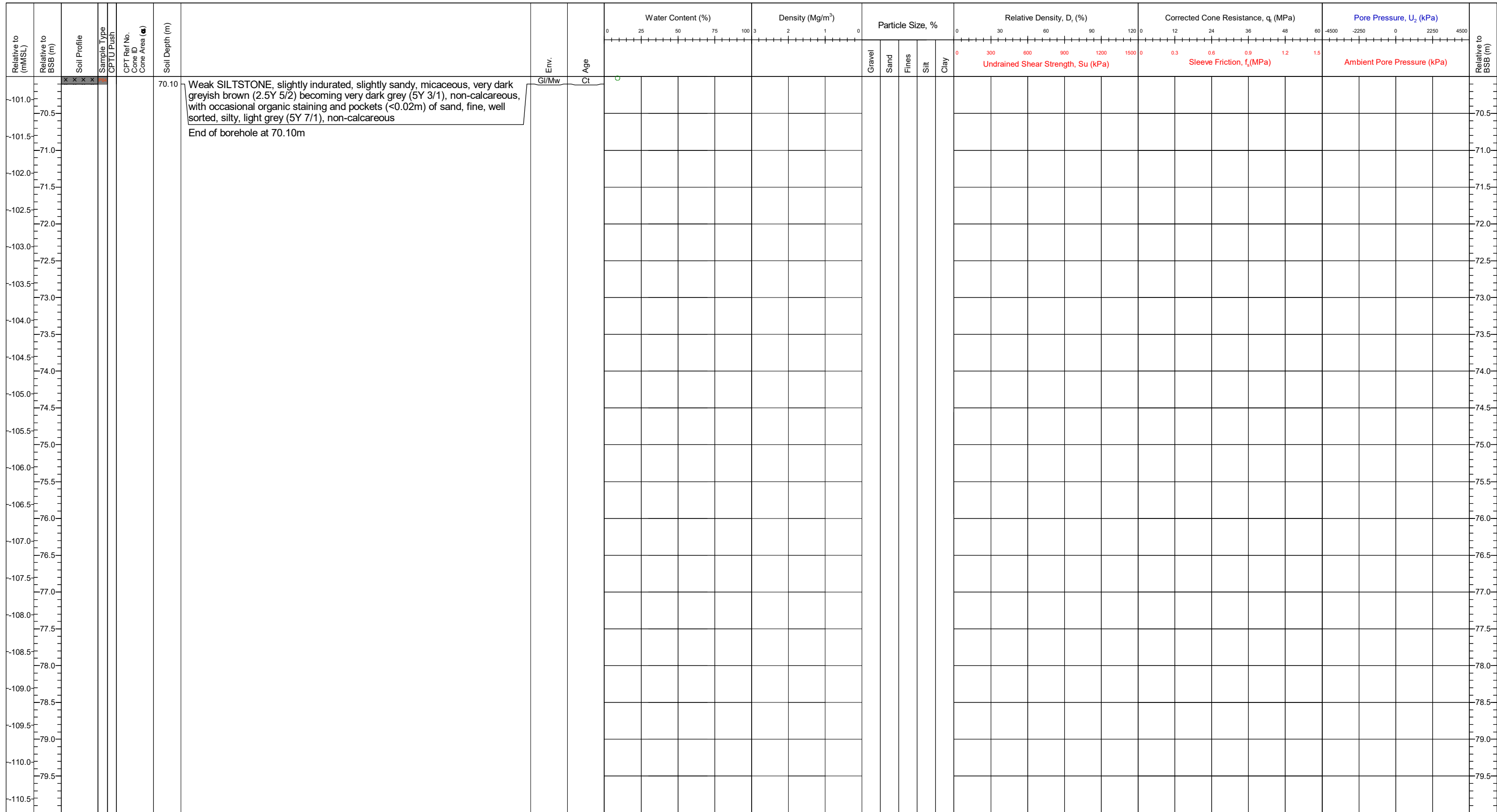
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB8-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.7	Comments: Location data taken from CB8. CB8 class 1 test terminated at 24.61m at operators discretion due to an increase in cone inclination to prevent damage to equipment. Continuous seabed CPT. Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling-Wison CPT and push sampling methods.	Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wison	Final Borehole Depth	70.10m		BC/JK (28/06/2021)	DR (28/06/2021)
Page: 7/8						

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

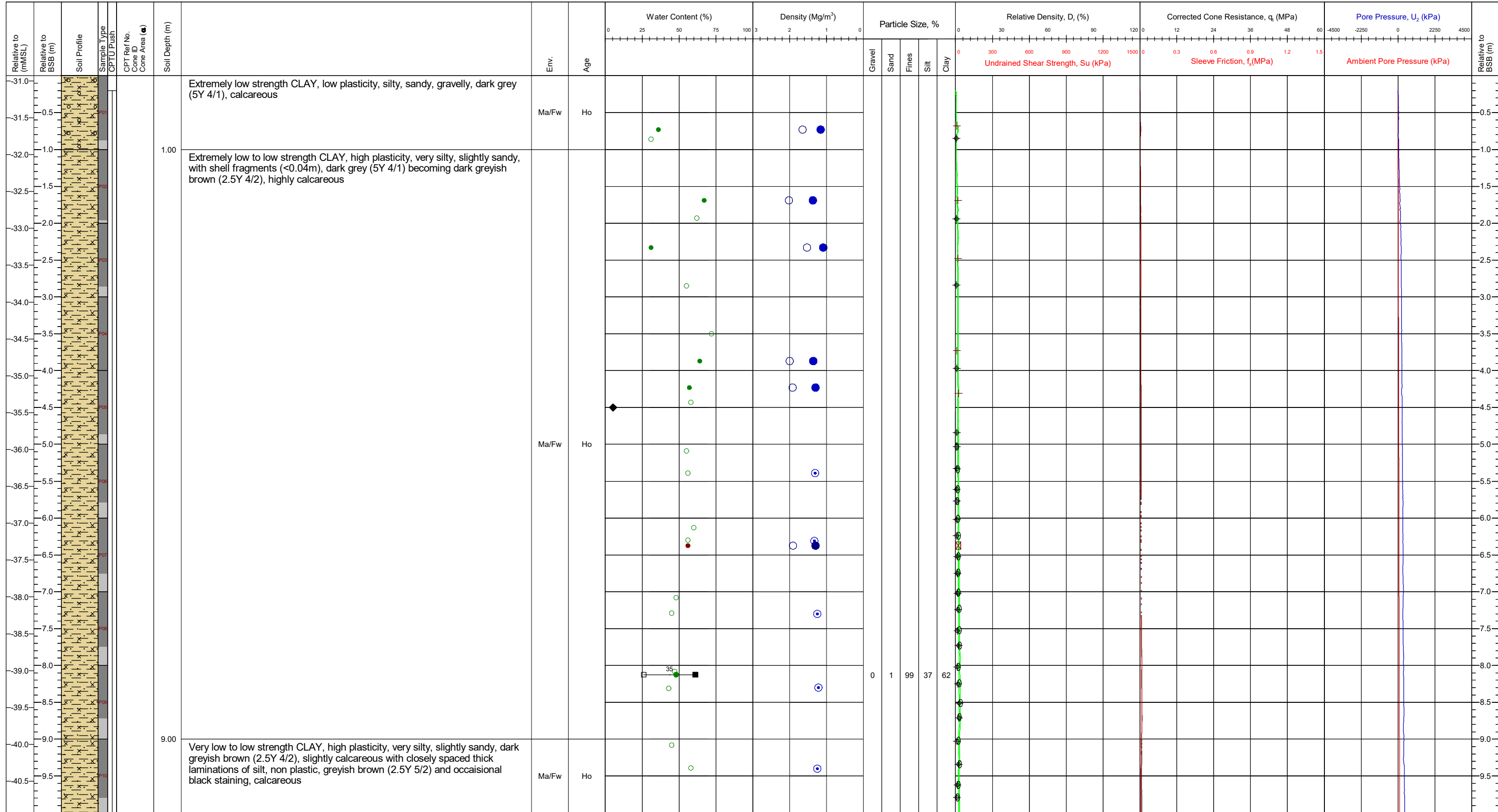
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	679824.3E 6248908.7N	CRS: ETRS89	QC Status			Location Names CB8-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.7	Comments: Location data taken from CB8. CB8 class 1 test terminated at 24.61m at operators discretion due to an increase in cone inclination to prevent damage to equipment. Continuous seabed CPT. Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling-Wison CPT and push sampling methods.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	Wison	Final Borehole Depth	70.10m					
					BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	Page: 8/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



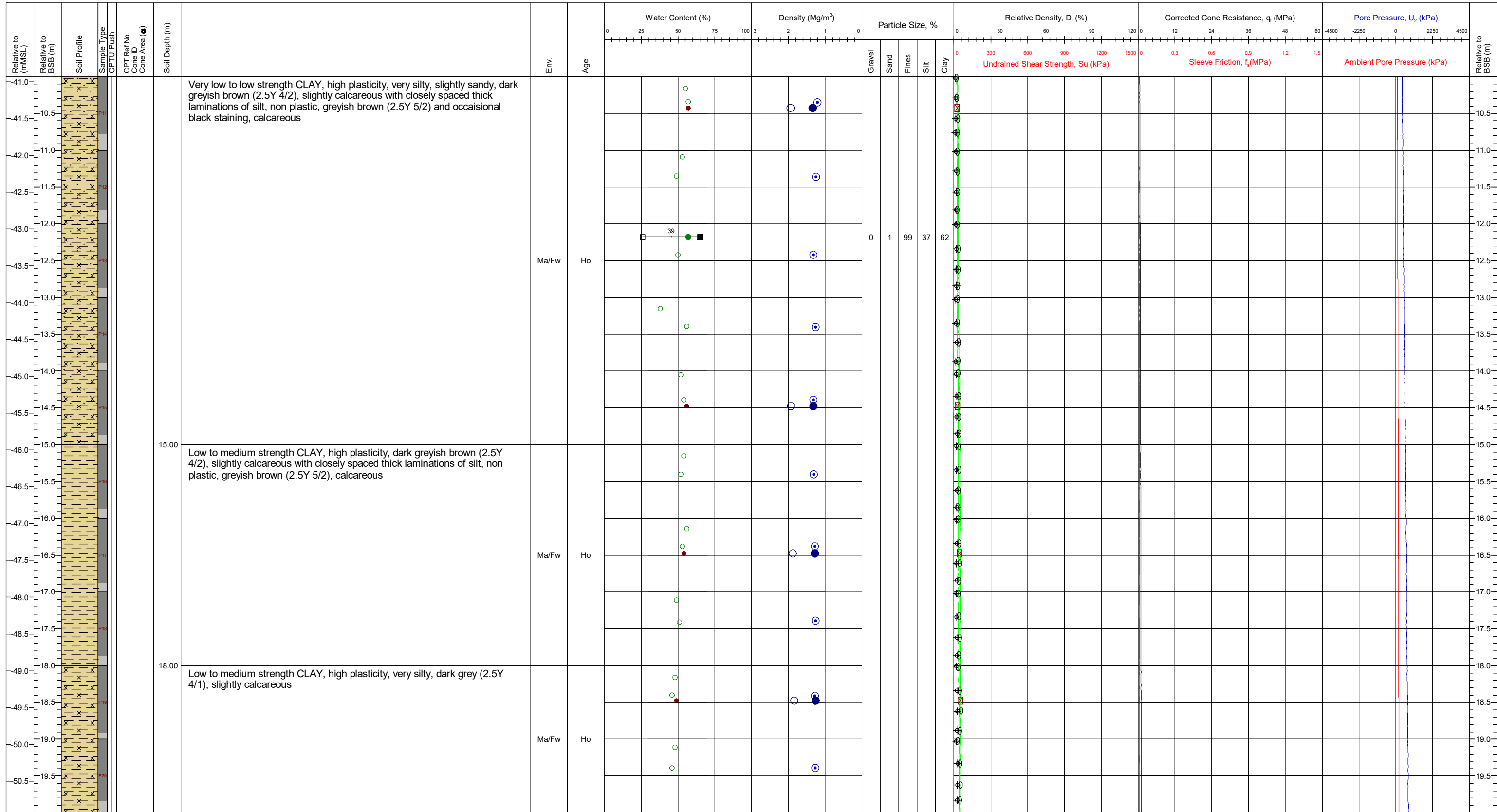
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	COBBLES		Mixed Soil	
	CHALK		PEAT	

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status			Location Names CB9 CB9-BH
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9	Comments: Location data taken from CB9. CB9 class 2 test terminated at 41.67m due to increasing cone inclination of 3 degrees within a metre. Continuous seabed CPT. Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods.				
Vessel	MV Ocean Vantage	Date of Test (Start-End)		BC/JK	DR	SMc		
Method	20 kN Sea bed CPT	Final Borehole Depth	70.50m	(28/06/2021)	(28/06/2021)	(10/11/2021)	Page: 1/8	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

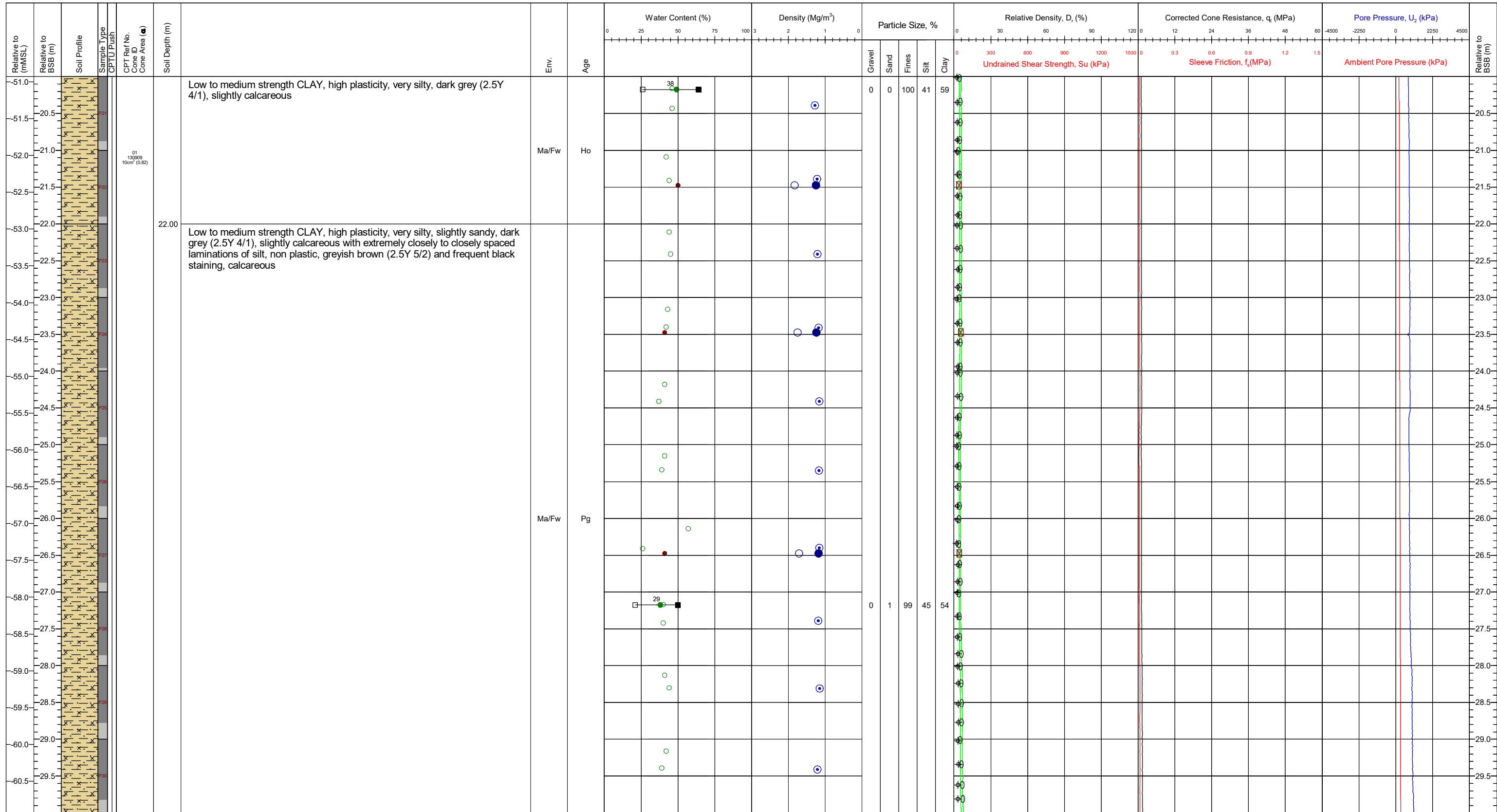
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB9. CB9 class 2 test terminated at 41.67m due to increasing cone inclination of 3 degrees within a metre. Continuous seabed CPT. Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	CB9 CB9-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	70.50m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

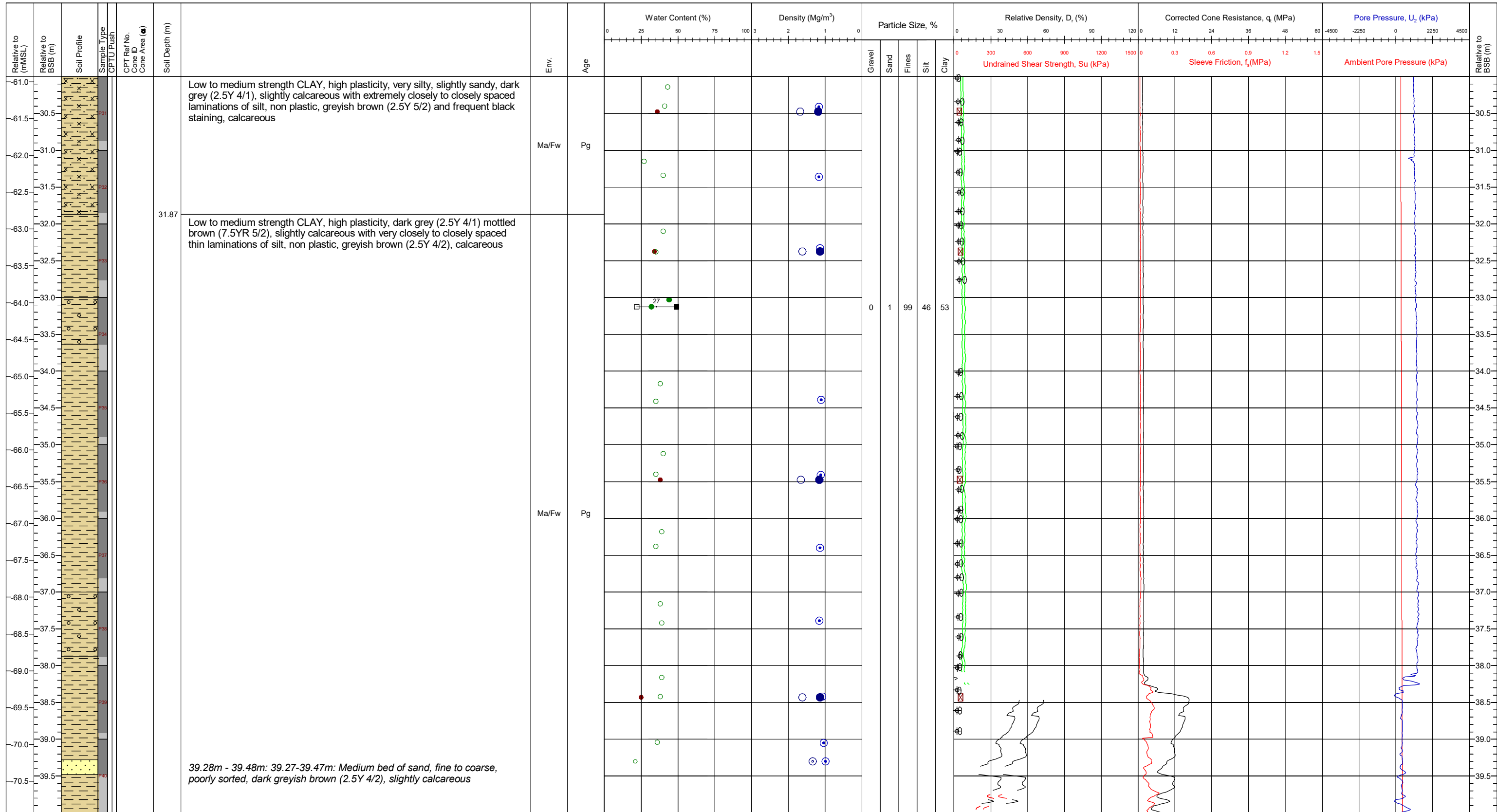


KEY TO SOIL PROFILE

<p>KEY TO SOIL PROFILE</p> <ul style="list-style-type: none"> SILT CLAY SAND GRAVEL CHALK PEAT COBBLES Mixed Soil <p>Assumed Unit Weight: 20 - 16 kN/m³ <i>K_s</i>: 0.5 - 2.0 <i>N_{cr}</i>: 15 - 20 <i>N_{cr}</i>: 12.5 - 16.5</p>	Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status			Location Names CB9 CB9-BH
	Contract	11596	Latitude / Longitude		Comments: Location data taken from CB9. CB9 class 2 test terminated at 41.67m due to increasing cone inclination of 3 degrees within a metre. Continuous seabed CPT. Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	
	Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	
	Vessel	MV Ocean Vantage	Date of Test (Start-End)						
	Method	20 kN Sea bed CPT	Final Borehole Depth	70.50m					
							Page: 3/8		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

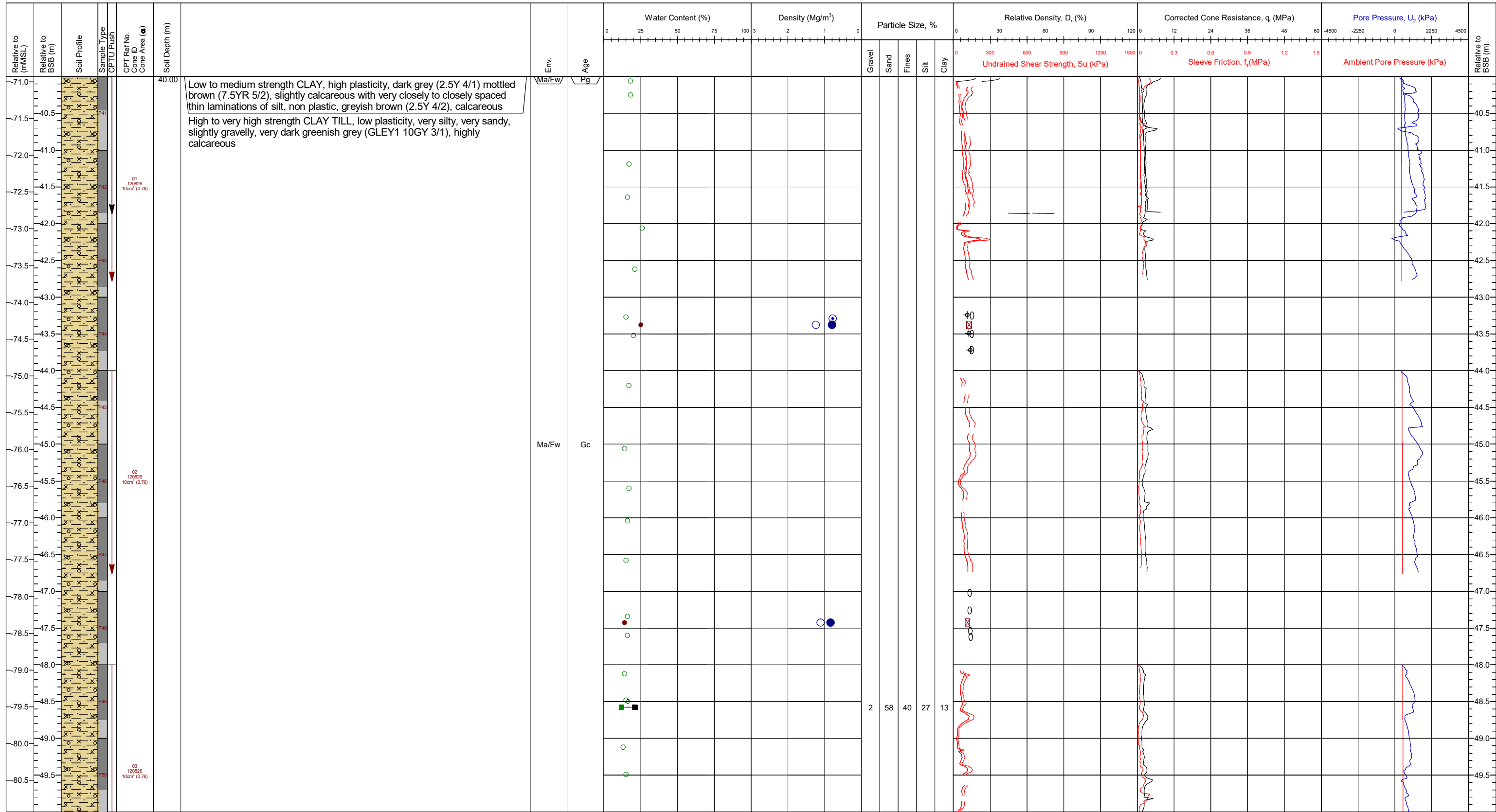
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB9. CB9 class 2 test terminated at 41.67m due to increasing cone inclination of 3 degrees within a metre. Continuous seabed CPT. Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	CB9 CB9-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	70.50m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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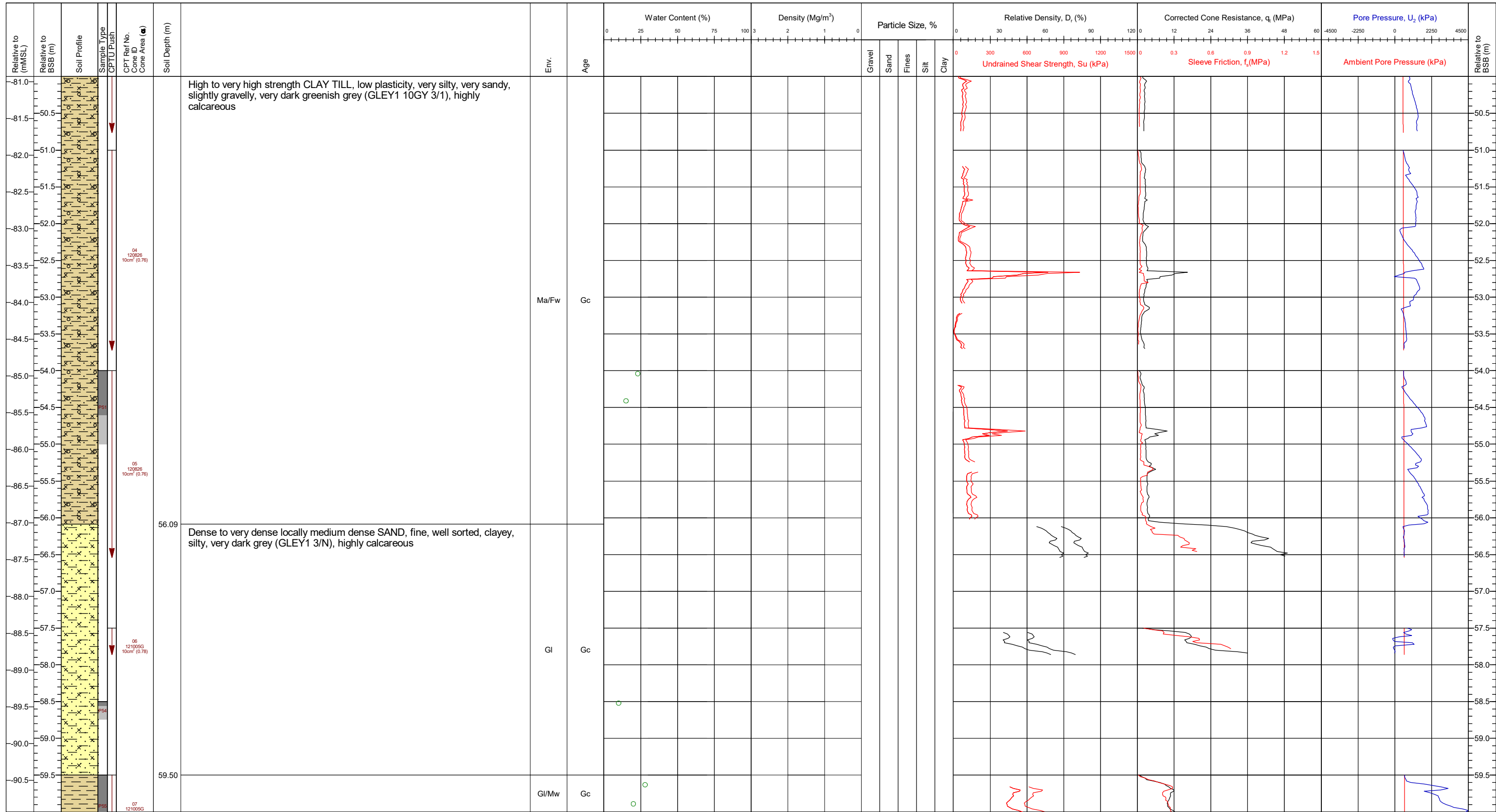
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status Preliminary Draft Final BC/JK (28/06/2021) DR (28/06/2021) SMc (10/11/2021)	Location Names CB9 CB9-BH
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB9. CB9 class 2 test terminated at 41.67m due to increasing cone inclination of 3 degrees within a metre. Continuous seabed CPT. Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wison CPT and push sampling methods.		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9			
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	20 kN Sea bed CPT	Final Borehole Depth	70.50m		Page: 5/8	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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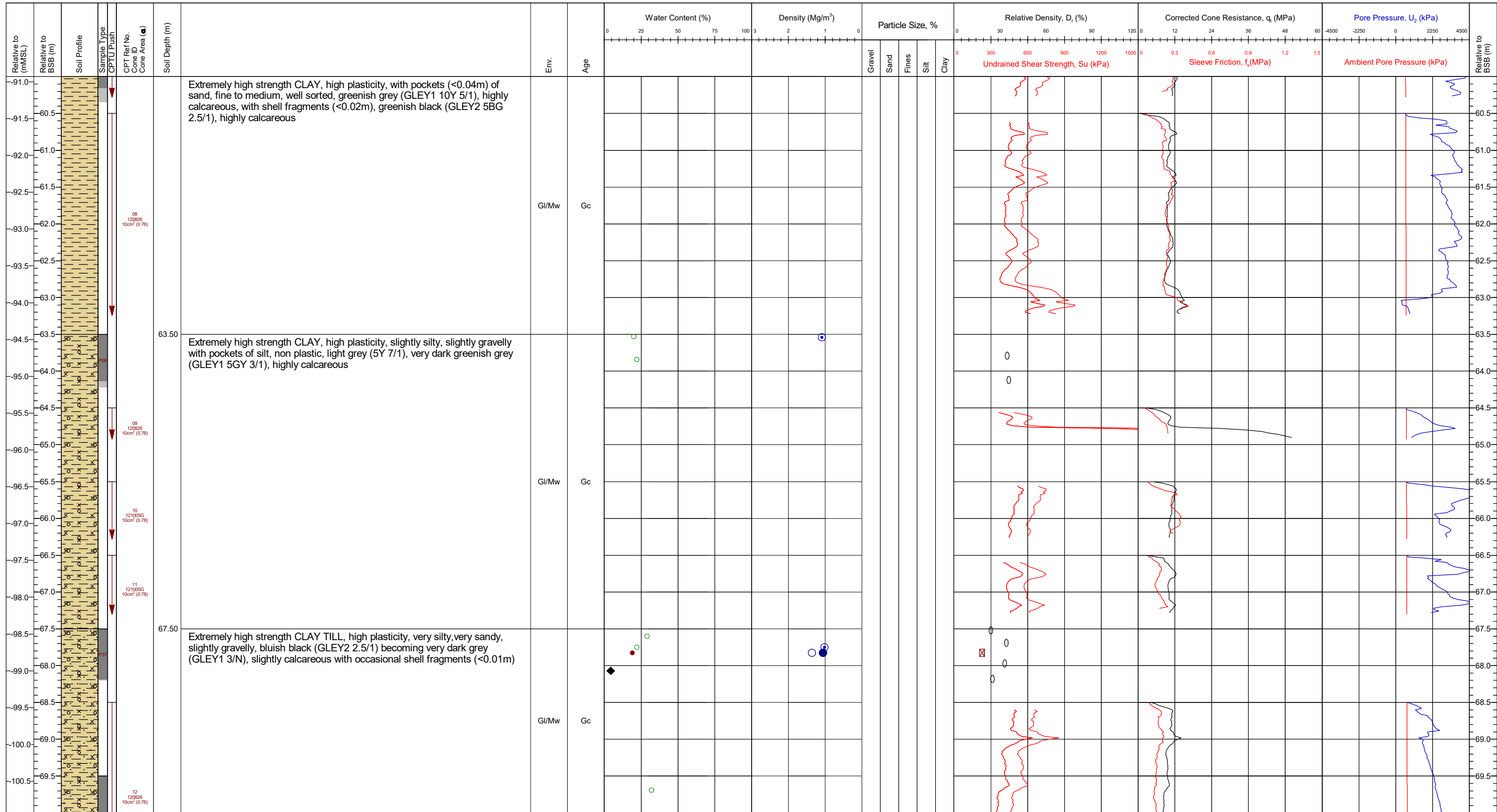
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	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB9. CB9 class 2 test terminated at 41.67m due to increasing cone inclination of 3 degrees within a metre. Continuous seabed CPT. Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods.	Preliminary	Draft	Final	CB9-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9		BC/JK	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			28/06/2021	28/06/2021	10/11/2021	
Method	Wilson	Final Borehole Depth	70.50m					Page: 6/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

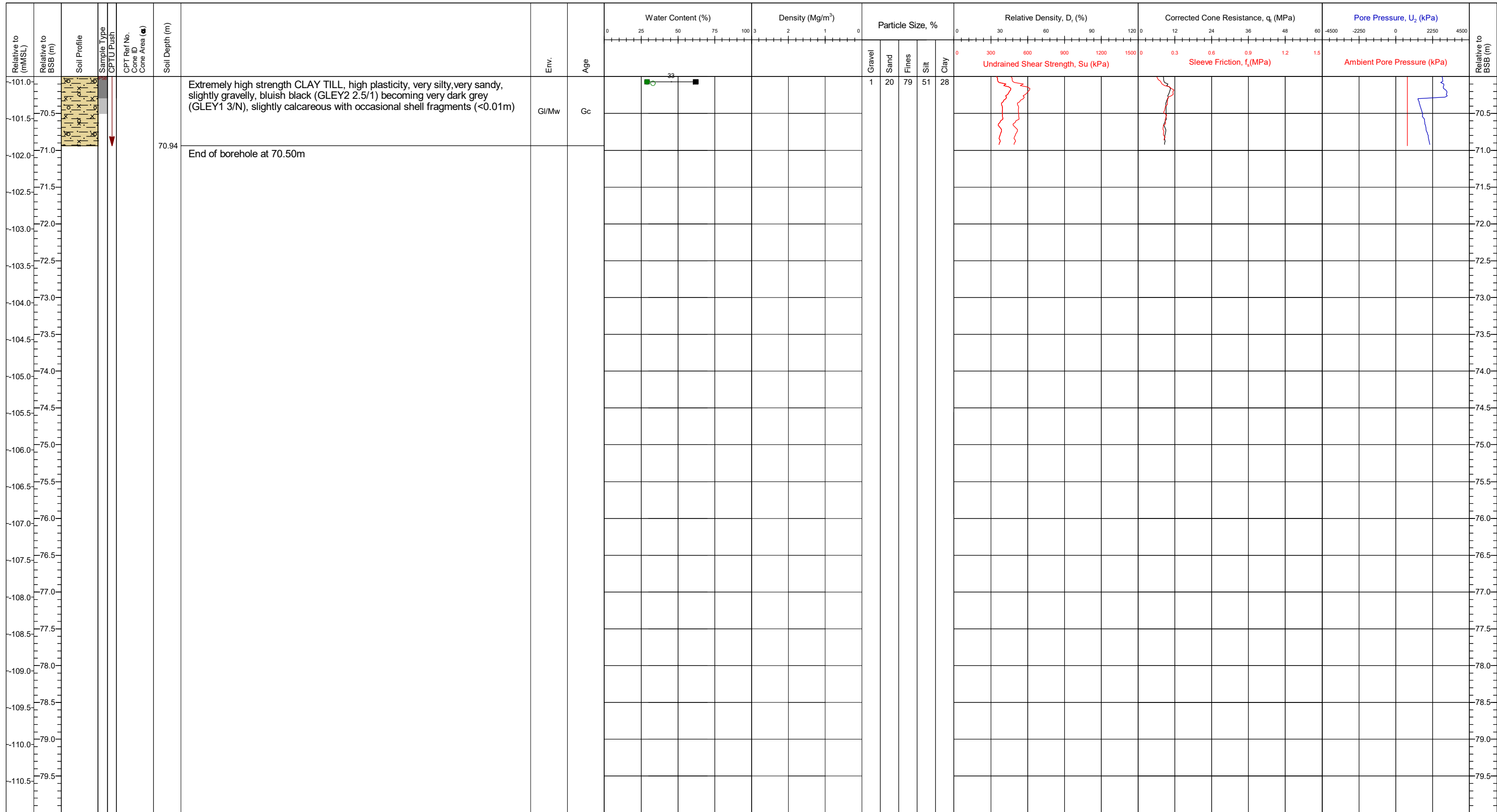
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	COBBLES		Mixed Soil	

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB9-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	Page: 7/8
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	Wilson	Final Borehole Depth	70.50m					

Comments: Location data taken from CB9. CB9 class 2 test terminated at 41.67m due to increasing cone inclination of 3 degrees within a metre. Continuous seabed CPT. Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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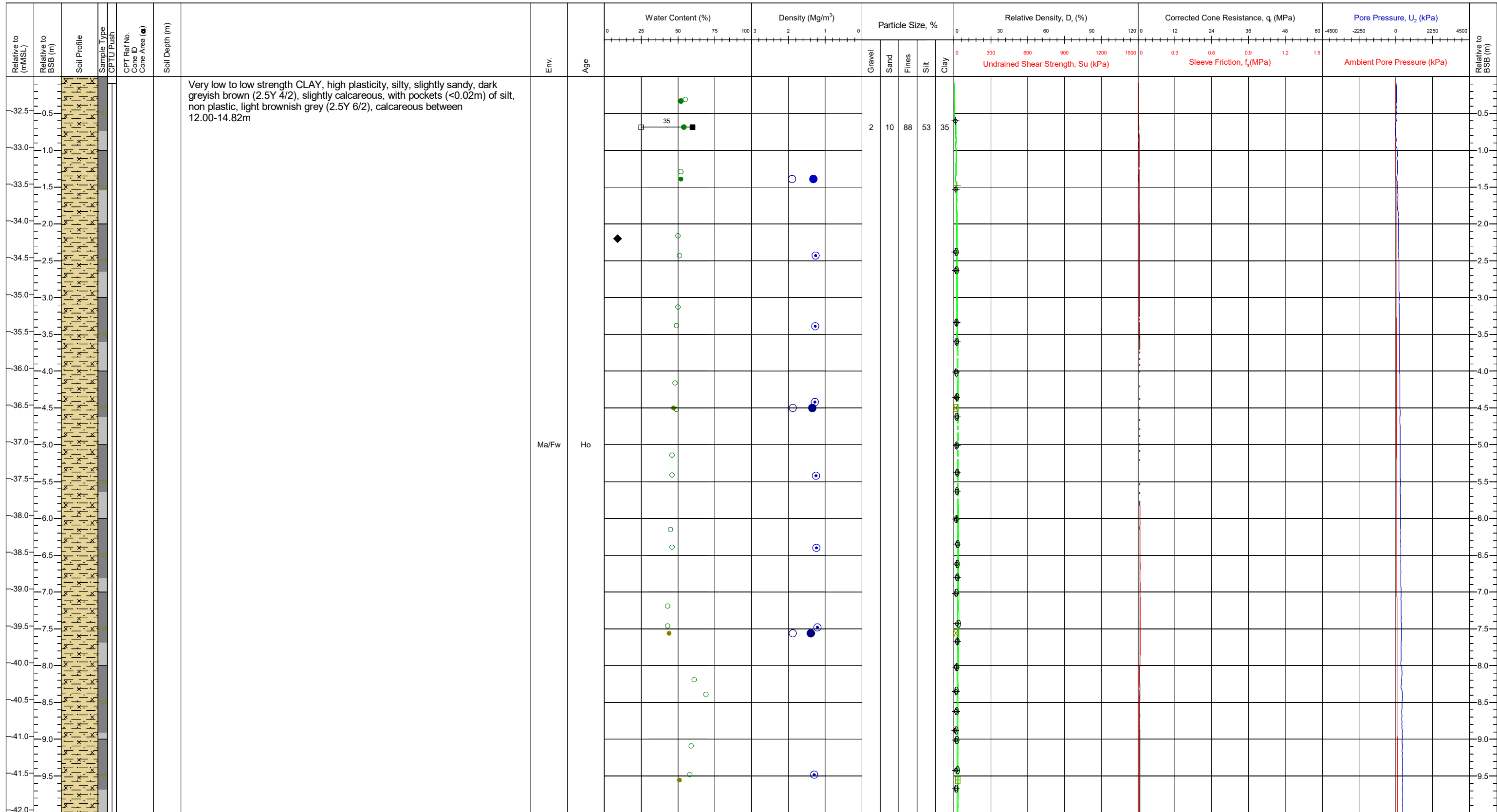
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677390.6E 6276209.1N	CRS: ETRS89	QC Status	Location Names CB9-BH	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.9	Comments: Location data taken from CB9. CB9 class 2 test terminated at 41.67m due to increasing cone inclination of 3 degrees within a metre. Continuous seabed CPT. Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods.	Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)			BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)
Method	Wilson	Final Borehole Depth	70.50m				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

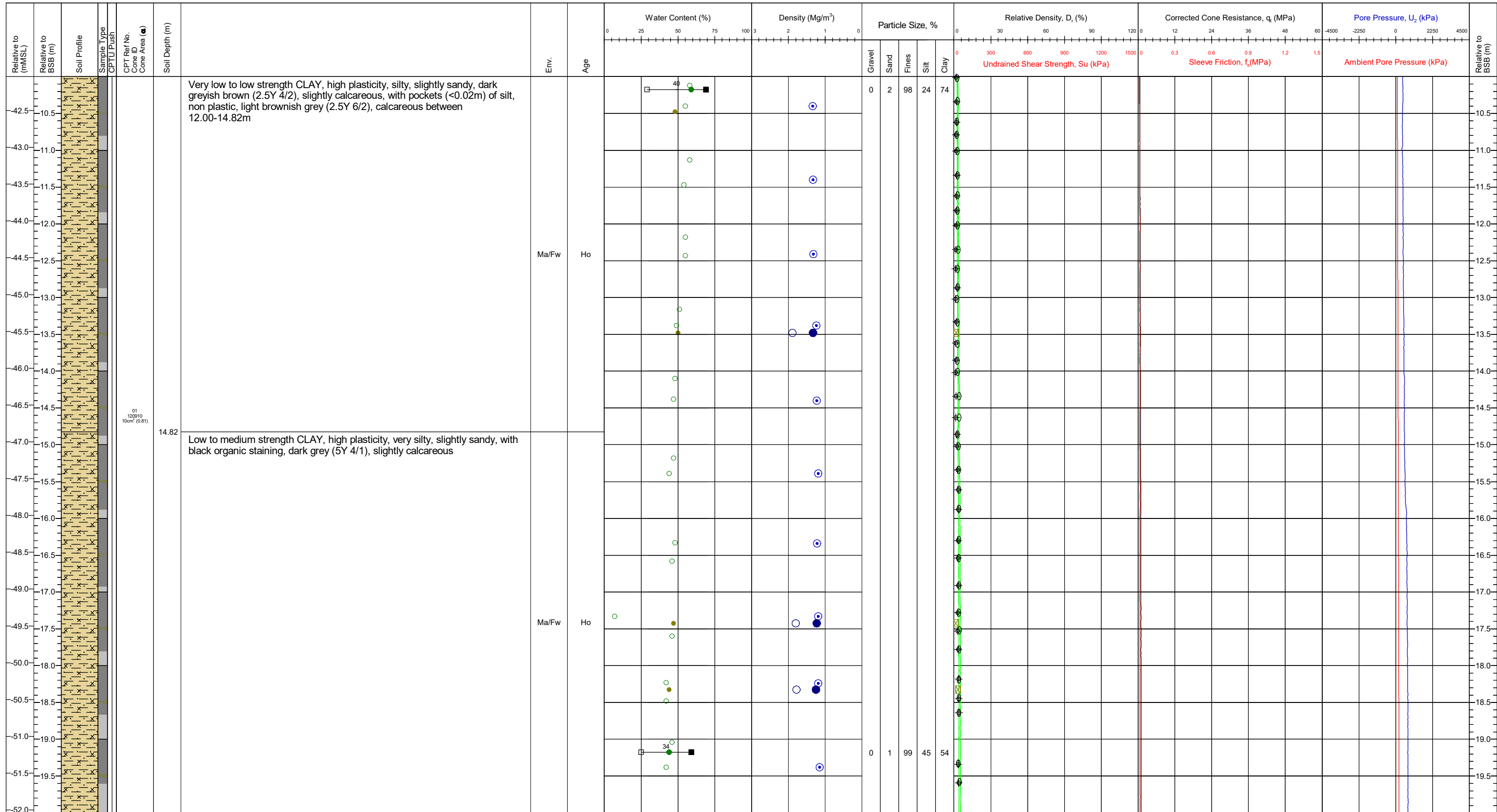
Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB10 CB10-BH CB10a-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-32.0		BC/JK (28/06/2021)	DR (28/06/2021)	SMC (10/11/2021)	Page: 1/8
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	70.25m					

Comments: Location data taken from CB10. CB10 class 1 test terminated at 28.90m at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline. Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Borehole terminated due to hard layer being encountered and drilling could not proceed. Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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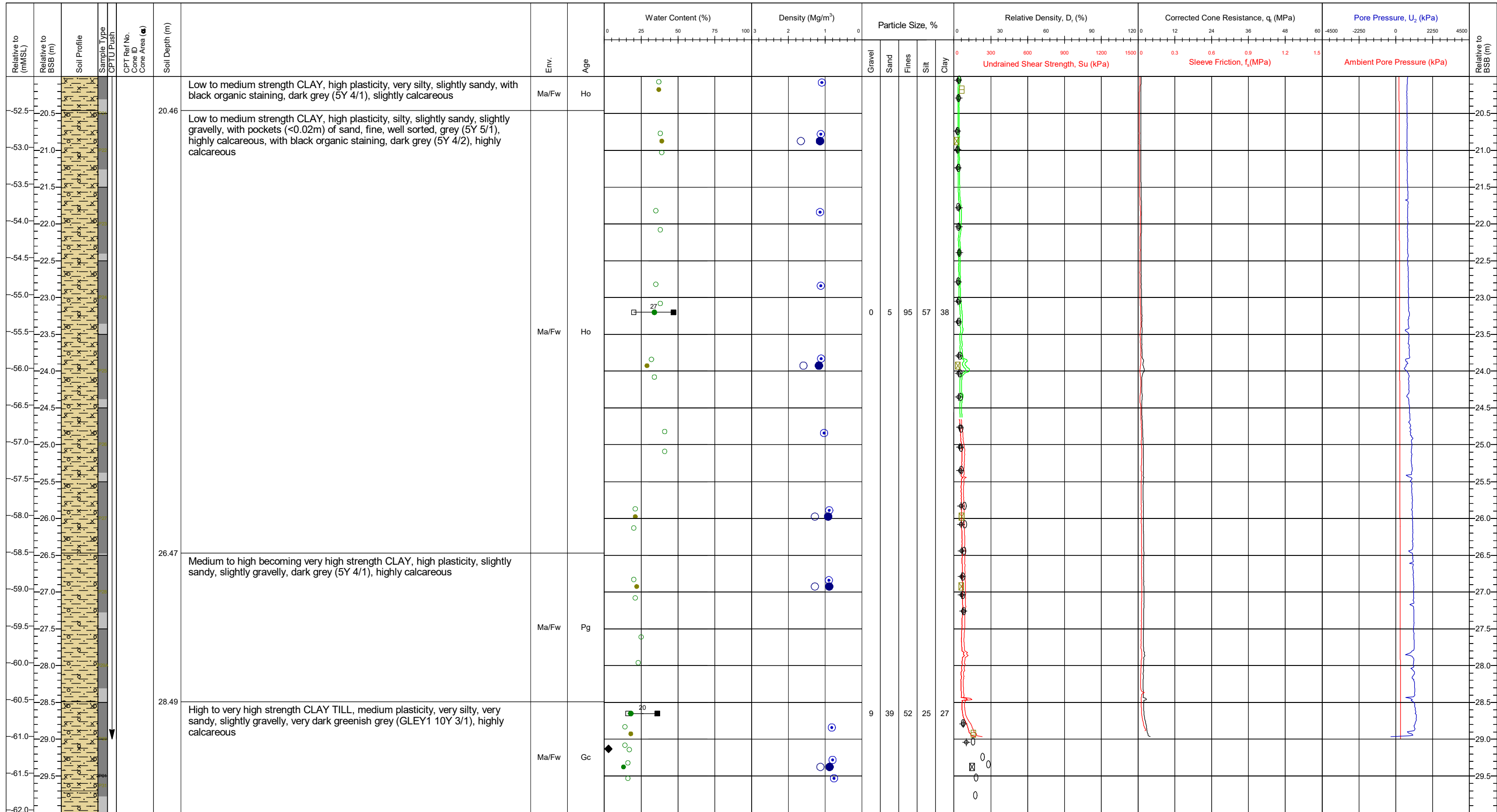
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names CB10 CB10-BH	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-32.0	Comments: Location data taken from CB10. CB10 class 1 test terminated at 28.90m at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline. Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Borehole terminated due to hard layer being encountered and drilling could not proceed. Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.	BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)
Vessel	MV Ocean Vantage	Date of Test (Start-End)					
Method	20 kN Sea bed CPT	Final Borehole Depth	70.25m				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

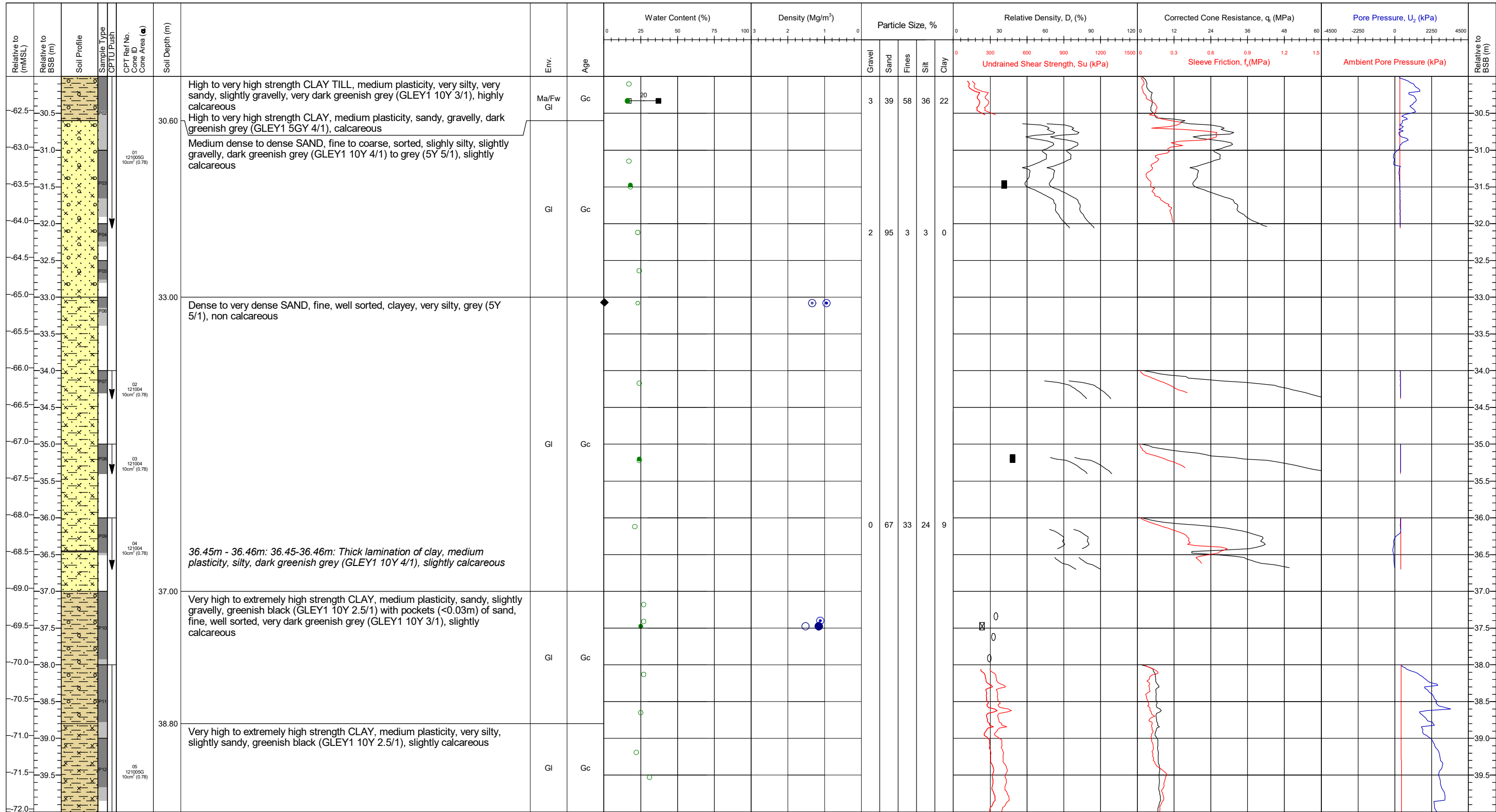
Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS: ETRS89	QC Status			Location Names	
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB10 CB10-BH CB10a-BH	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-32.0		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	Page: 3/8	
Vessel	MV Ocean Vantage	Date of Test (Start-End)							
Method	20 kN Sea bed CPT	Final Borehole Depth	70.25m						

Comments: Location data taken from CB10. CB10 class 1 test terminated at 28.90m at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline. Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Borehole terminated due to hard layer being encountered and drilling could not proceed. Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

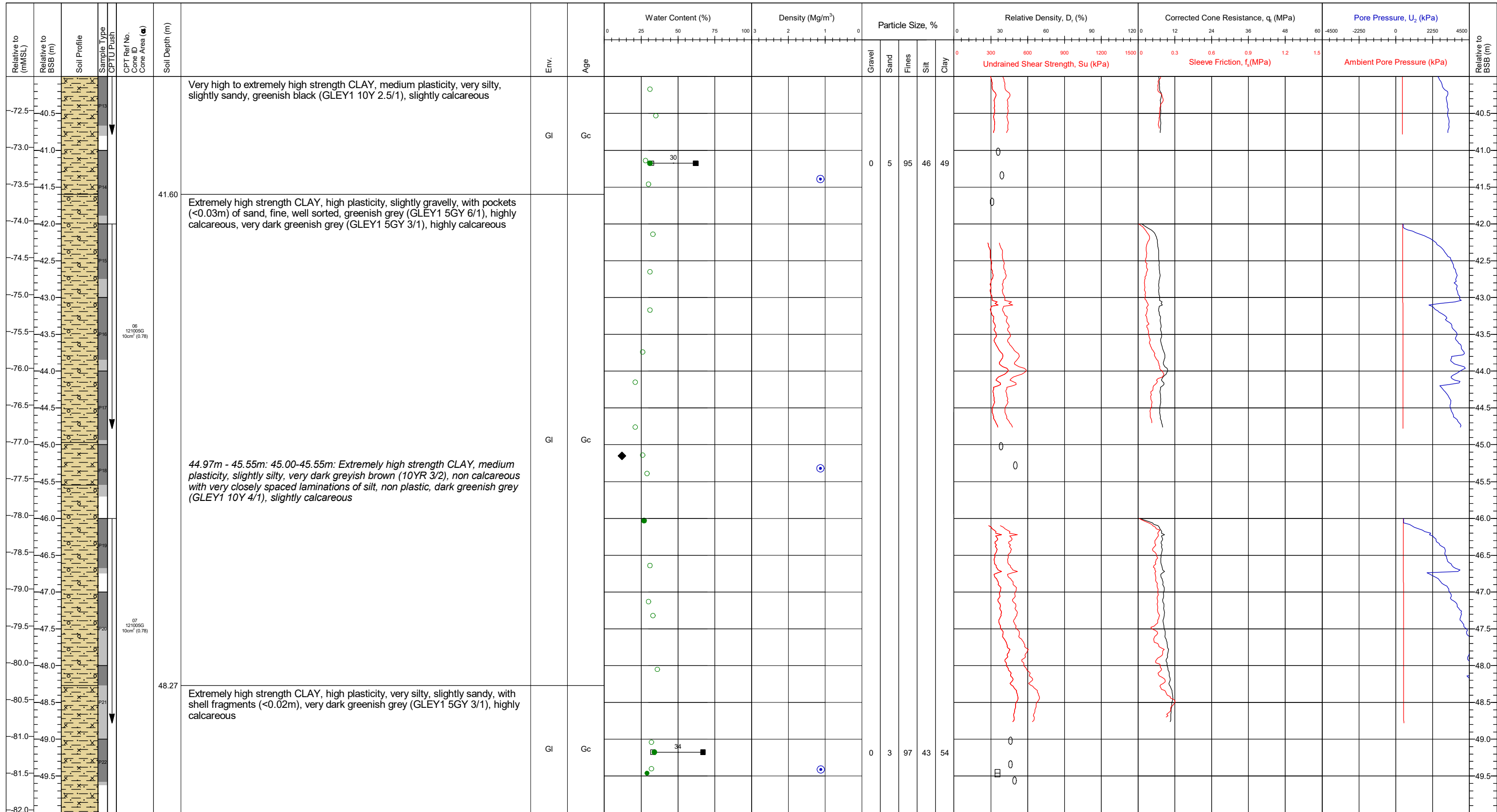
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS: ETRS89	Comments: Location data taken from CB10. CB10 class 1 test terminated at 28.90m at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline. Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Borehole terminated due to hard layer being encountered and drilling could not proceed. Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.	QC Status			Location Names CB10a-BH Page: 4/8
Contract	11596	Latitude / Longitude				Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-32.0						
Vessel	MV Ocean Vantage	Date of Test (Start-End)				BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	
Method	Wilson	Final Borehole Depth	70.25m						

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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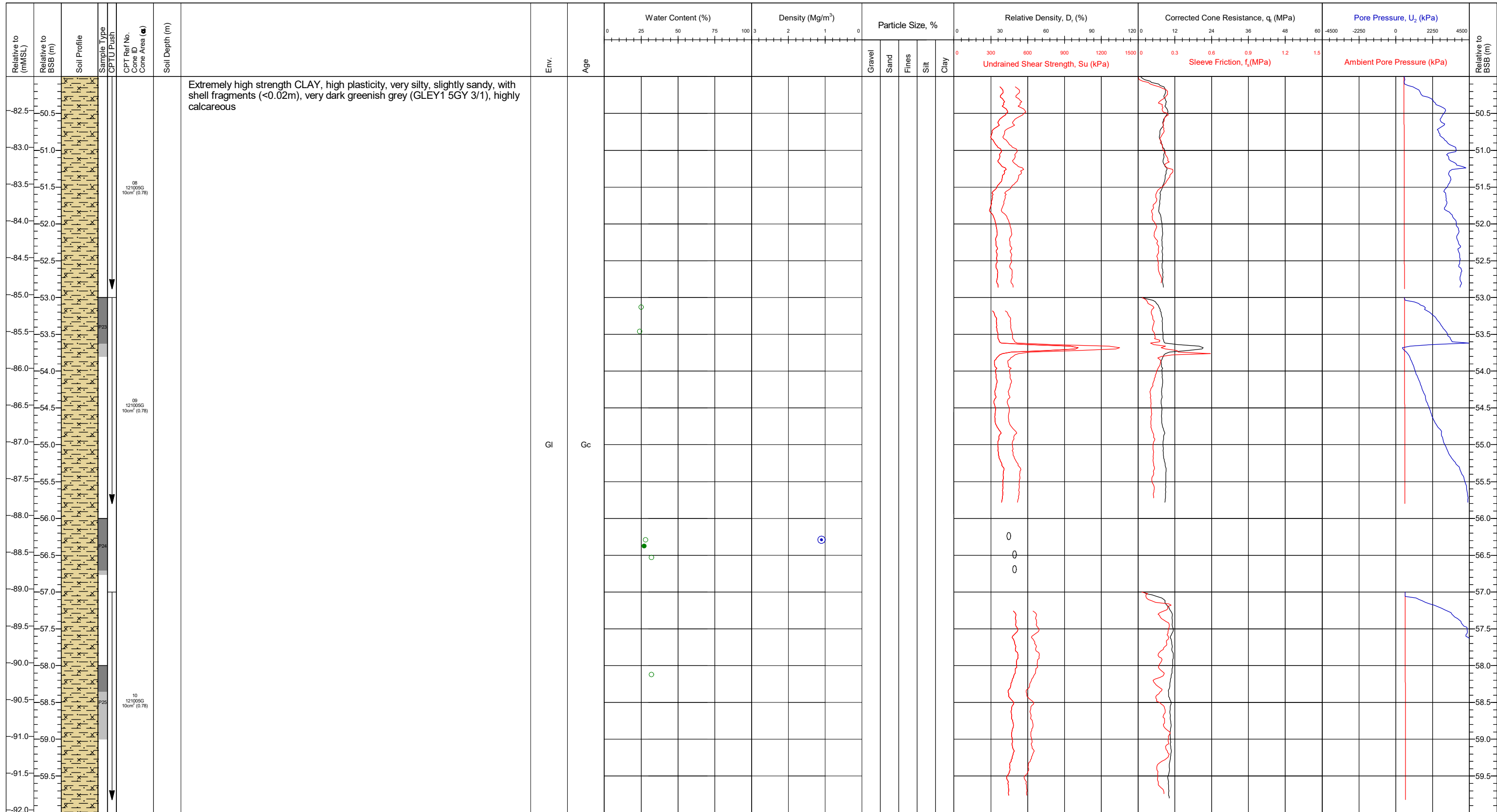
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names CB10a-BH	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-32.0	Comments: Location data taken from CB10. CB10 class 1 test terminated at 28.90m at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline. Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Borehole terminated due to hard layer being encountered and drilling could not proceed. Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.	BC/JK (28/06/2021)	DR (28/06/2021)	SMC (10/11/2021)
Vessel	MV Ocean Vantage	Date of Test (Start-End)					
Method	Wilson	Final Borehole Depth	70.25m				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

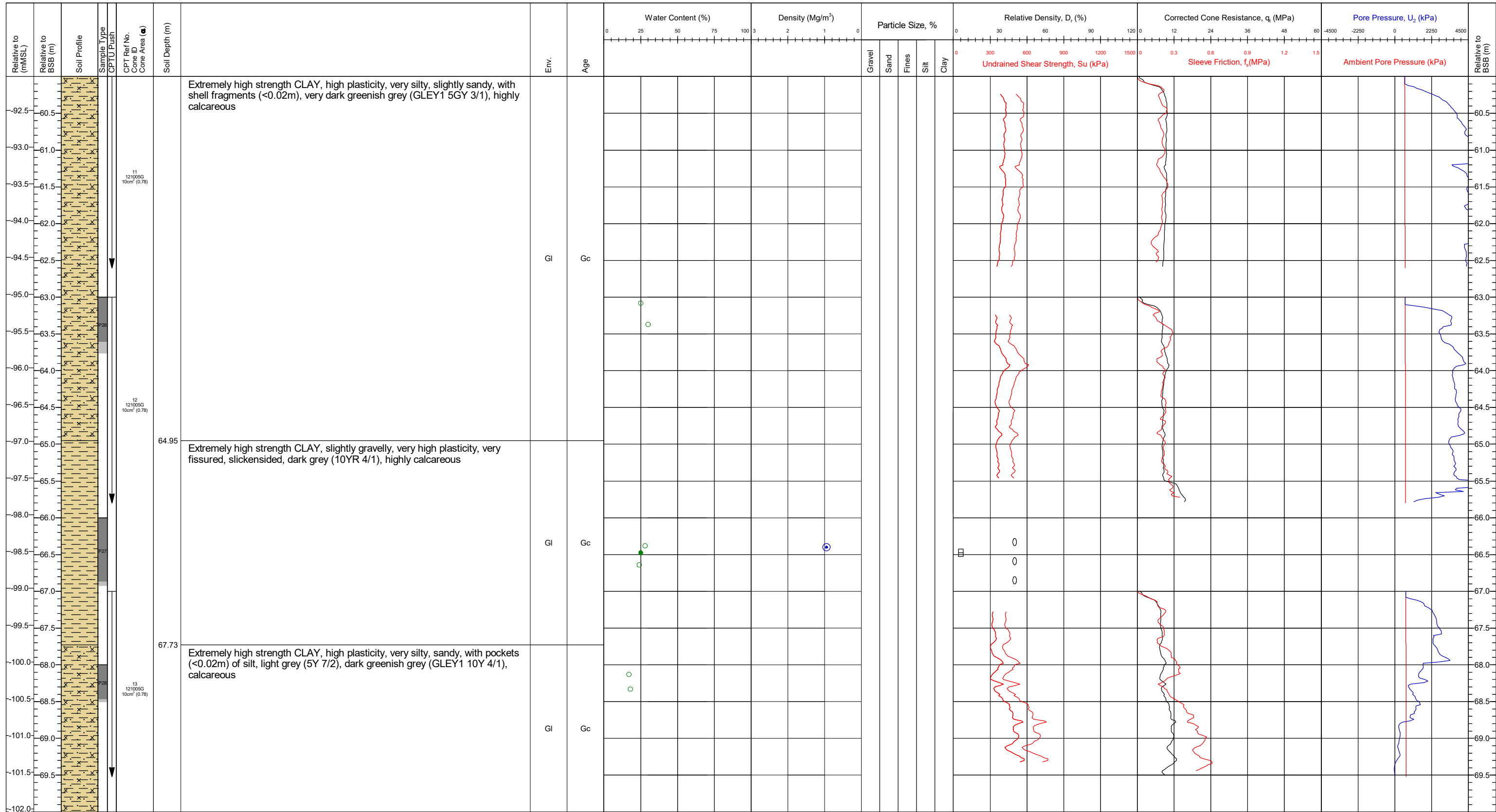


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5	Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS: ETRS89	QC Status			Location Names
	SAND		GRAVEL			Contract	11596	Latitude / Longitude		Comments: Location data taken from CB10. CB10 class 1 test terminated at 28.90m at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline. Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Borehole terminated due to hard layer being encountered and drilling could not proceed. Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.	Preliminary	Draft	Final
	CHALK		PEAT		Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-32.0	BC/JK		DR	SMC	
					Vessel	MV Ocean Vantage	Date of Test (Start-End)		(28/06/2021)		(28/06/2021)	(10/11/2021)	
					Method	Wilson	Final Borehole Depth	70.25m					Page: 6/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5	Area	Kattegat Sea	Coordinates	678760.1E 6261514.8N	CRS: ETRS89	QC Status			Location Names	
	SAND		GRAVEL			Contract	11596	Latitude / Longitude		Comments: Location data taken from CB10. CB10 class 1 test terminated at 28.90m at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline. Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wilson CPT and push sampling methods. Borehole terminated due to hard layer being encountered and drilling could not proceed. Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wilson CPT and push sampling methods.	Preliminary	Draft	Final	CB10a-BH
	CHALK		PEAT			Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-32.0		BC/JK (28/06/2021)	DR (28/06/2021)	SMC (10/11/2021)	
					Vessel	MV Ocean Vantage	Date of Test (Start-End)					Page: 7/8		
					Method	Wilson	Final Borehole Depth	70.25m						

Preliminary Investigation, Hesselø OWF BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Sample Type CPTU Push	CPT Ref No. Cone ID Cone Area (cm²)	Soil Depth (m)	Env.	Age	Water Content (%)		Density (Mg/m ³)	Particle Size, %					Relative Density, D _r (%)					Corrected Cone Resistance, q _c (MPa)					Pore Pressure, U ₂ (kPa)					Relative to BSB (m)						
								0	25	50	75	100	3	2	1	0	0	30	60	90	120	1500	0	12	24	36	48	60	0	1.2		2.4	3.6	4.8	6.0	-4500	-2250
		☒			70.25	GI	Gc		20	18	1.5	0	10	90	59	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Extremely high strength CLAY, high plasticity, very silty, sandy, with pockets (<0.02m) of silt, light grey (5Y 7/2), dark greenish grey (GLE _Y 1 10Y 4/1), calcareous																																					
End of borehole at 70.25m																																					
-102.5	-70.5																																			-70.5	
-103.0	-71.0																																				-71.0
-103.5	-71.5																																				-71.5
-104.0	-72.0																																				-72.0
-104.5	-72.5																																				-72.5
-105.0	-73.0																																				-73.0
-105.5	-73.5																																				-73.5
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-107.0	-75.0																																				-75.0
-107.5	-75.5																																				-75.5
-108.0	-76.0																																				-76.0
-108.5	-76.5																																				-76.5
-109.0	-77.0																																				-77.0
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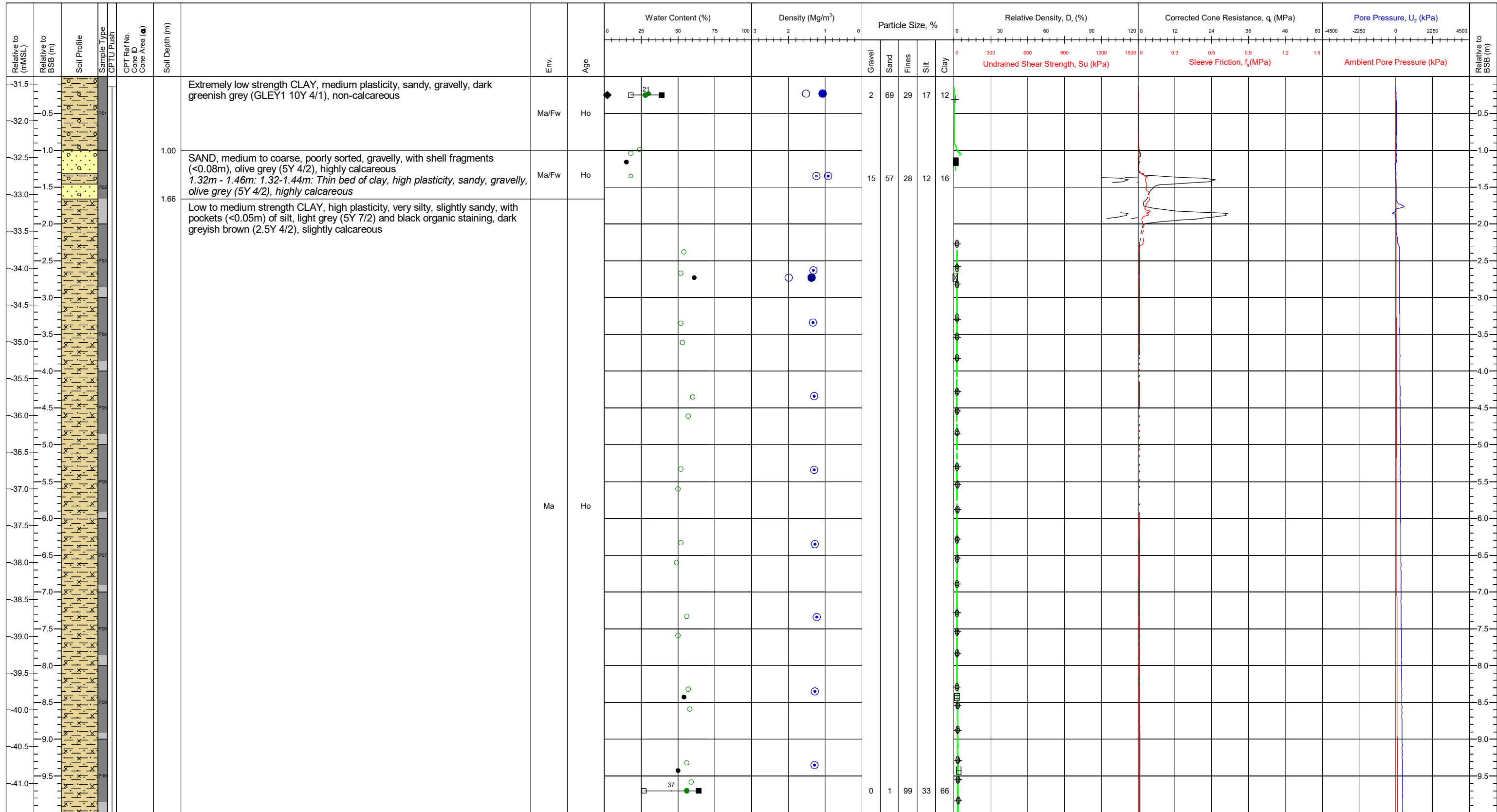
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
			COBBLES	
			Mixed Soil	

Area	Kattegat Sea	Coordinates	678760.1E	6261514.8N	CRS: ETRS89	Comments: Location data taken from CB10. CB10 class 1 test terminated at 28.90m at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline. Borehole CB10-BH was completed to a depth of 29.70m utilising API drilling- Wison CPT and push sampling methods. Borehole terminated due to hard layer being encountered and drilling could not proceed. Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling- Wison CPT and push sampling methods.	QC Status			Location Names CB10a-BH
Contract	11596	Latitude / Longitude					Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-32.0			BC/JK (28/06/2021)	DR (28/06/2021)	SMC (10/11/2021)	Page: 8/8	
Vessel	MV Ocean Vantage	Date of Test (Start-End)								
Method	Wison	Final Borehole Depth	70.25m							

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

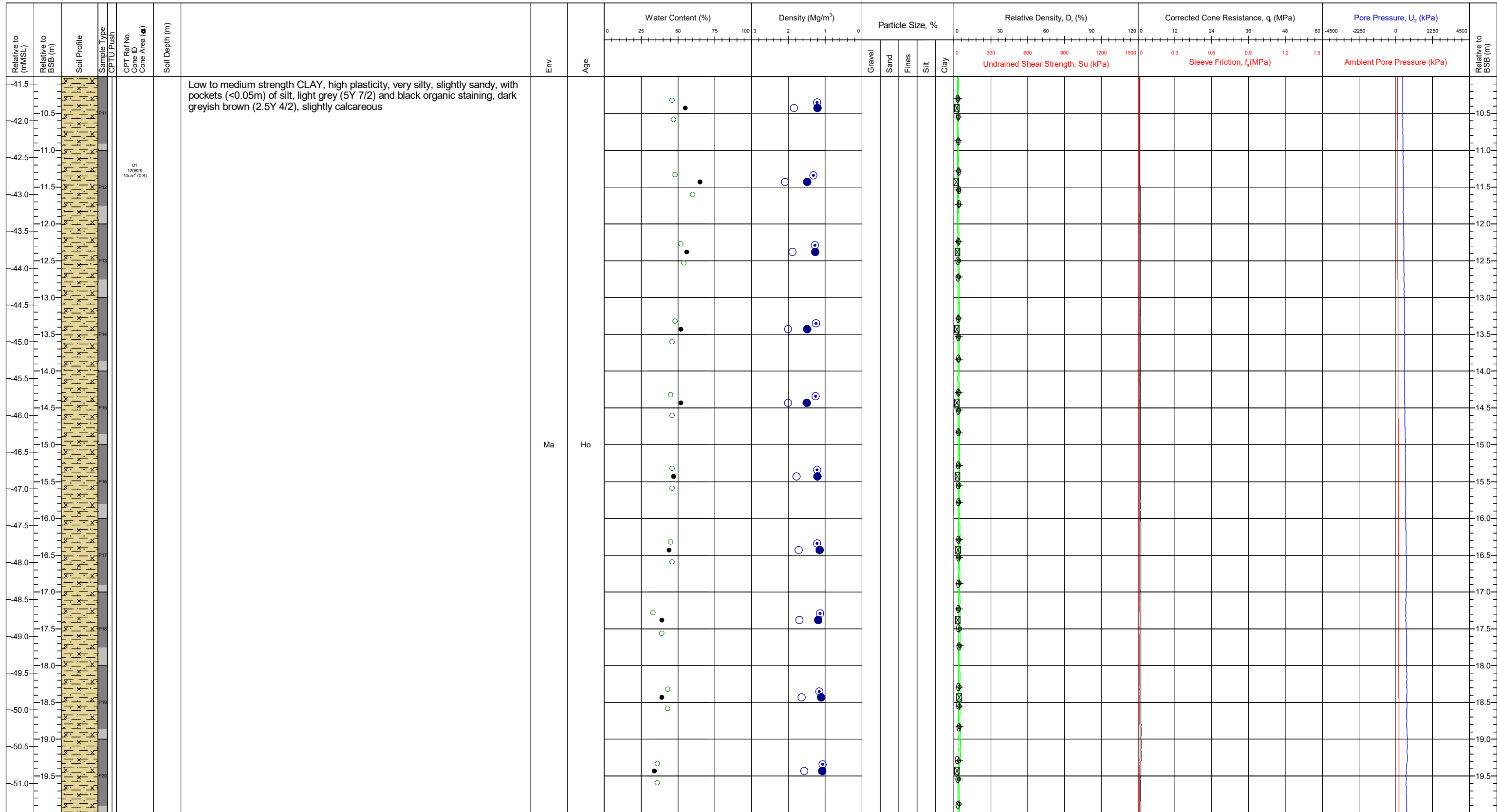
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678372.4E 6256256.9N	CRS: ETRS89	QC Status	Location Names CB11 CB11-BH CB11a-BH	
Contract	11596	Latitude / Longitude					
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.4	Comments: Location data taken from CB11. CB11 class 3 test terminated at 22.14m at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination. Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions. Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling- Wilson CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.	Preliminary	Draft	Final
Vessel	MV Ocean Vantage	Date of Test (Start-End)			BC/JK (28/06/2021)	DR (28/06/2021)	SMC (10/11/2021)
Method	20 kN Sea bed CPT	Final Borehole Depth	57.00m				
Page: 1/6							

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

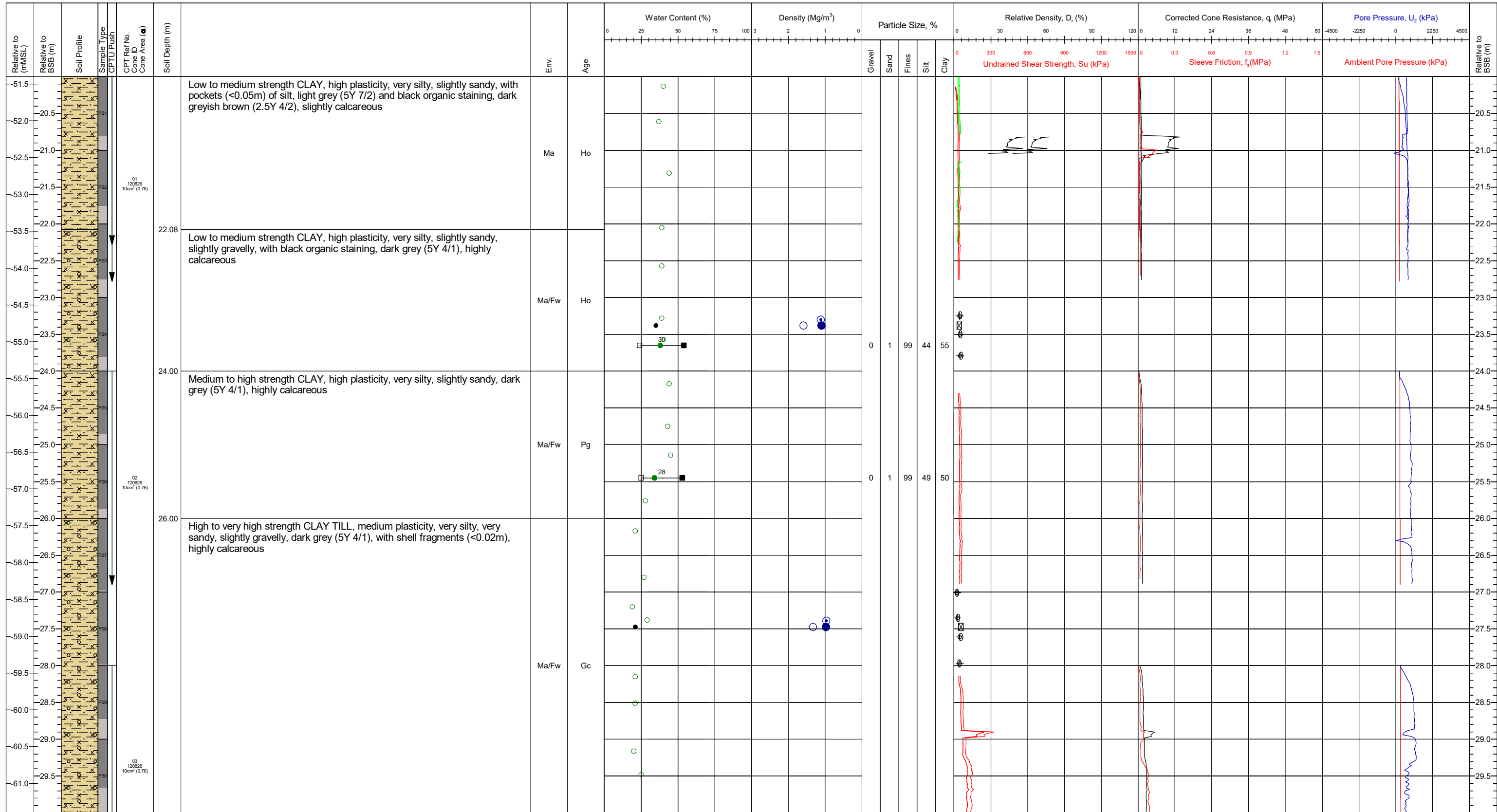


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5	Area	Kattegat Sea	Coordinates	678372.4E 6256256.9N	CRS: ETRS89	QC Status			Location Names
	SAND		GRAVEL			Contract	11596	Latitude / Longitude		Comments: Location data taken from CB11. CB11 class 3 test terminated at 22.14m at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination. Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling~ Wison CPT and push sampling methods~ at which point it was terminated due to rising weather conditions. Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling~ Wison CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.	Preliminary	Draft	Final
	CHALK		PEAT		Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.4	BC/JK (28/06/2021)		DR (28/06/2021)	SMC (10/11/2021)	
					Vessel	MV Ocean Vantage	Date of Test (Start-End)						
					Method	20 kN Sea bed CPT	Final Borehole Depth	57.00m				Page: 2/6	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

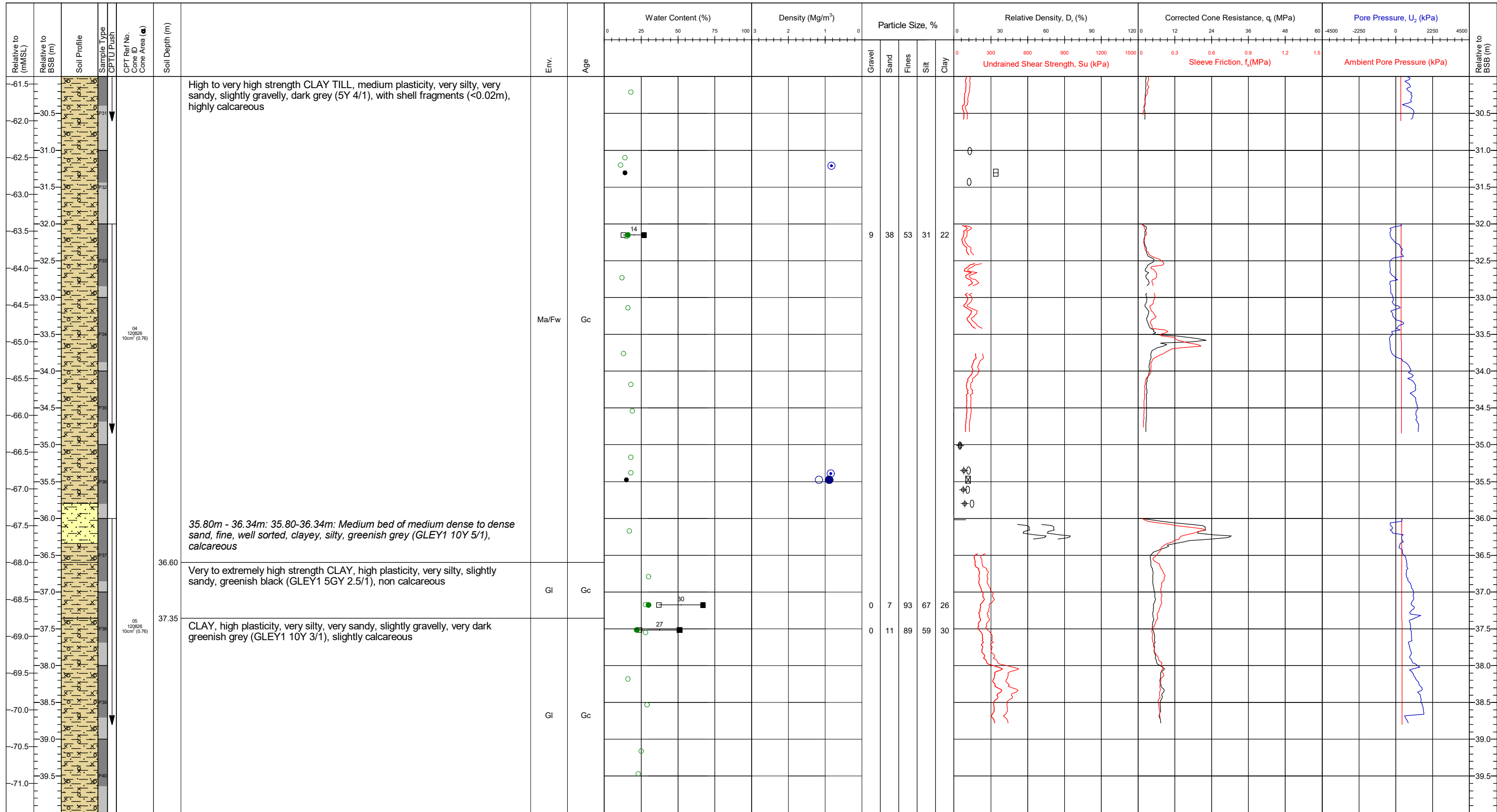
	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678372.4E 6256256.9N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB11 CB11-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.4		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	57.00m					Page: 3/6

Comments: Location data taken from CB11. CB11 class 3 test terminated at 22.14m at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination. Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wison CPT and push sampling methods- at which point it was terminated due to rising weather conditions. Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling- Wison CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



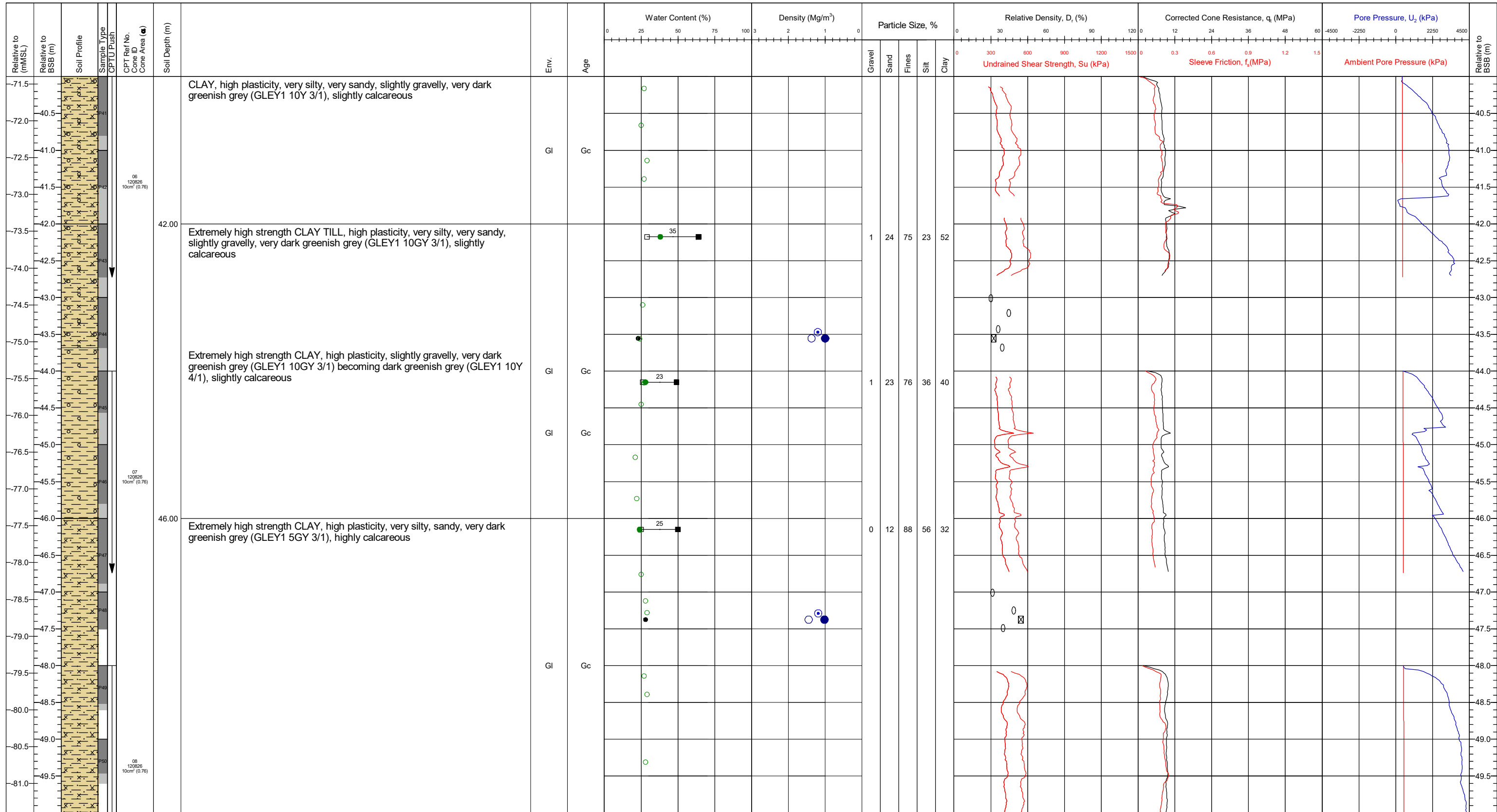
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _c : 0.5 - 2.0 N _c : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	678372.4E 6256256.9N	CRS: ETRS89	QC Status Preliminary Draft Final BC/JK (28/06/2021) DR (28/06/2021) SMC (10/11/2021)	Location Names CB11-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.4	Comments: Location data taken from CB11. CB11 class 3 test terminated at 22.14m at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination. Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wison CPT and push sampling methods- at which point it was terminated due to rising weather conditions. Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling- Wison CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	Wison	Final Borehole Depth	57.00m		Page: 4/6	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

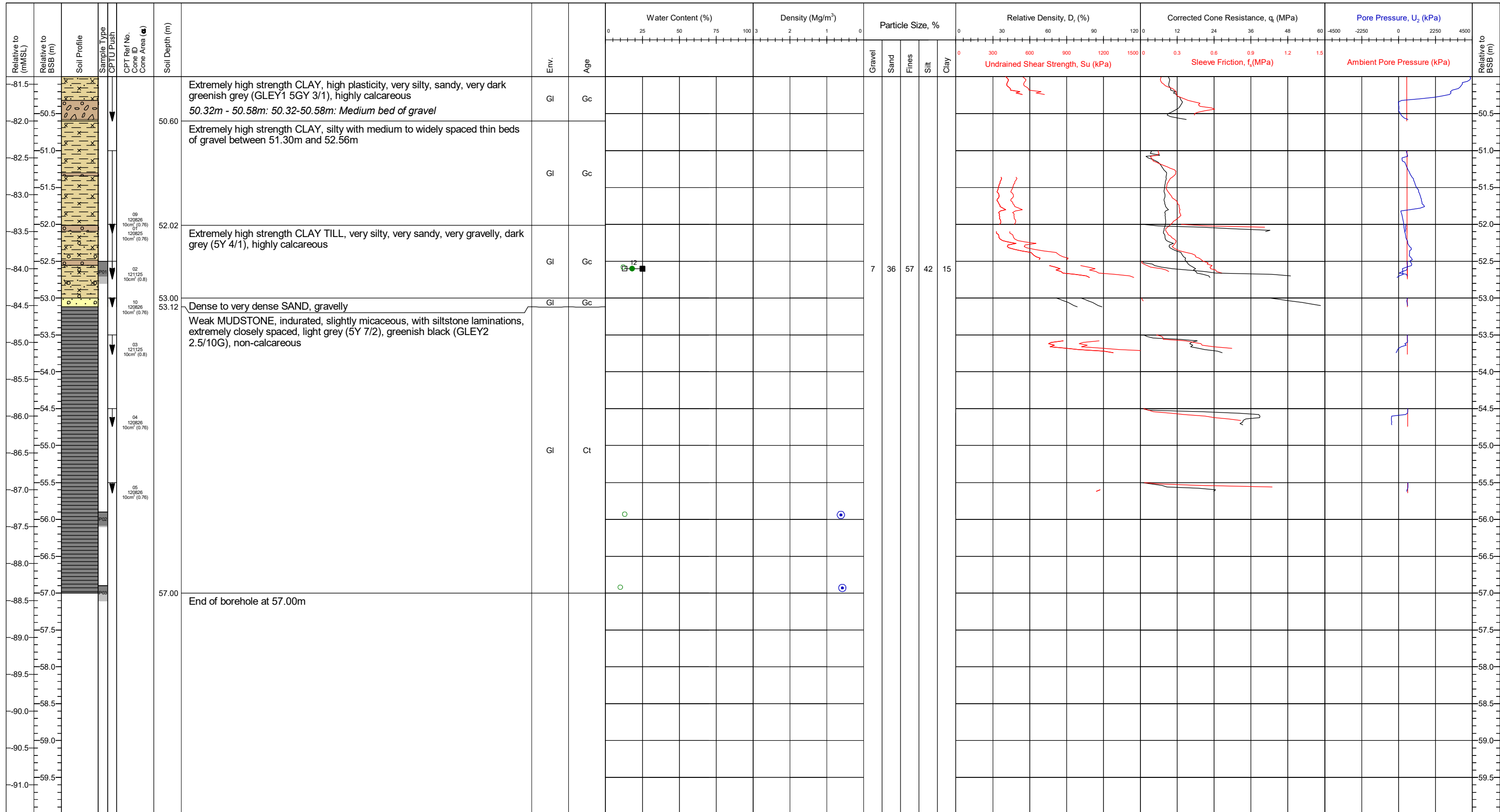
Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678372.4E 6256256.9N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB11-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.4					
Vessel	MV Ocean Vantage	Date of Test (Start-End)			BC/JK	DR	SMc	
Method	Wilson	Final Borehole Depth	57.00m		(28/06/2021)	(28/06/2021)	(10/11/2021)	Page: 5/6

Comments: Location data taken from CB11. CB11 class 3 test terminated at 22.14m at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination. Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions. Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling- Wilson CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

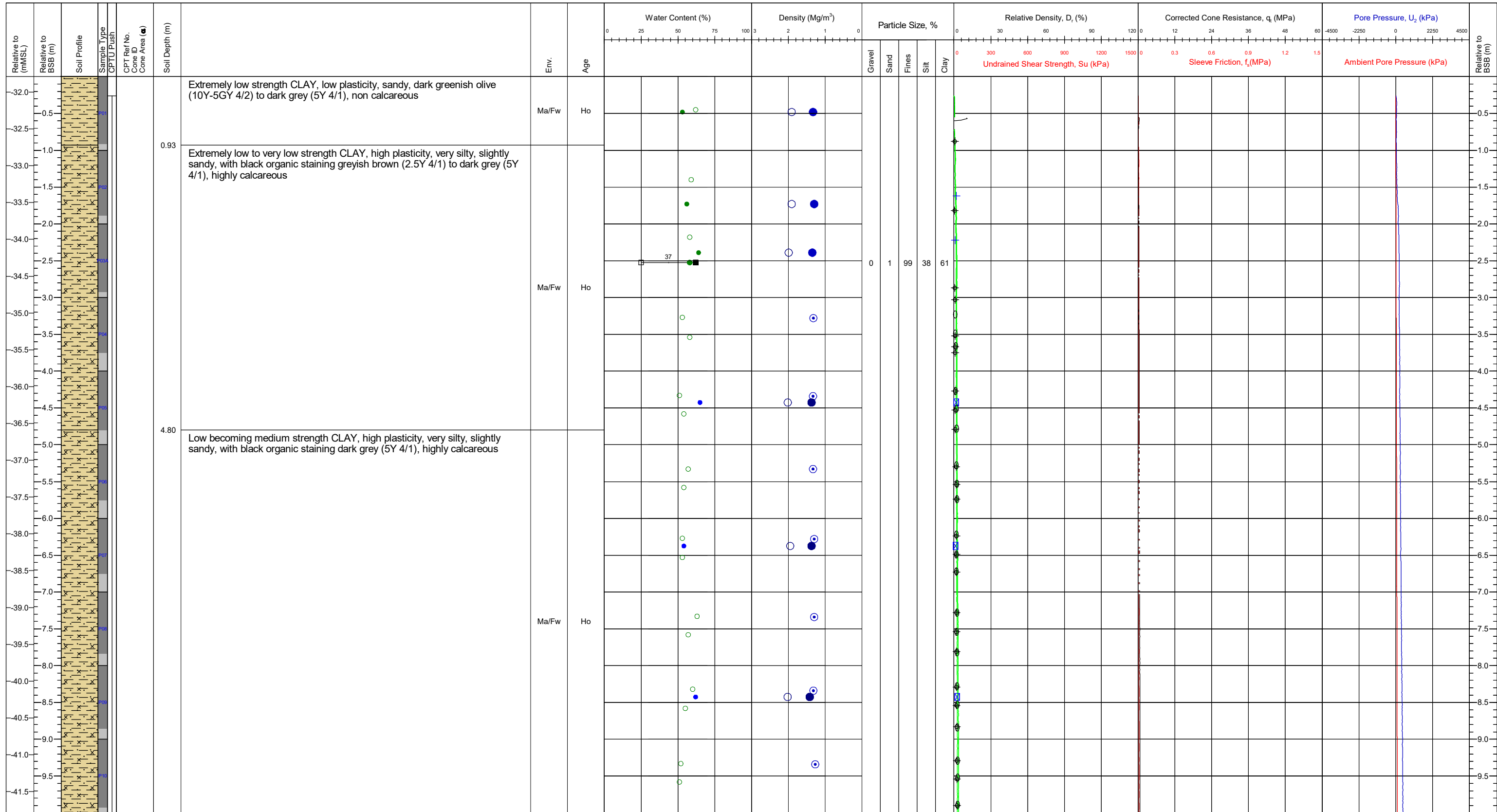
Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	678372.4E 6256256.9N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB11-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.4		Draft	CB11a-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wilson	Final Borehole Depth	57.00m		BC/JK (28/06/2021)	
					DR (28/06/2021)	
					SMC (10/11/2021)	

Comments: Location data taken from CB11. CB11 class 3 test terminated at 22.14m at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination. Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions. Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling- Wilson CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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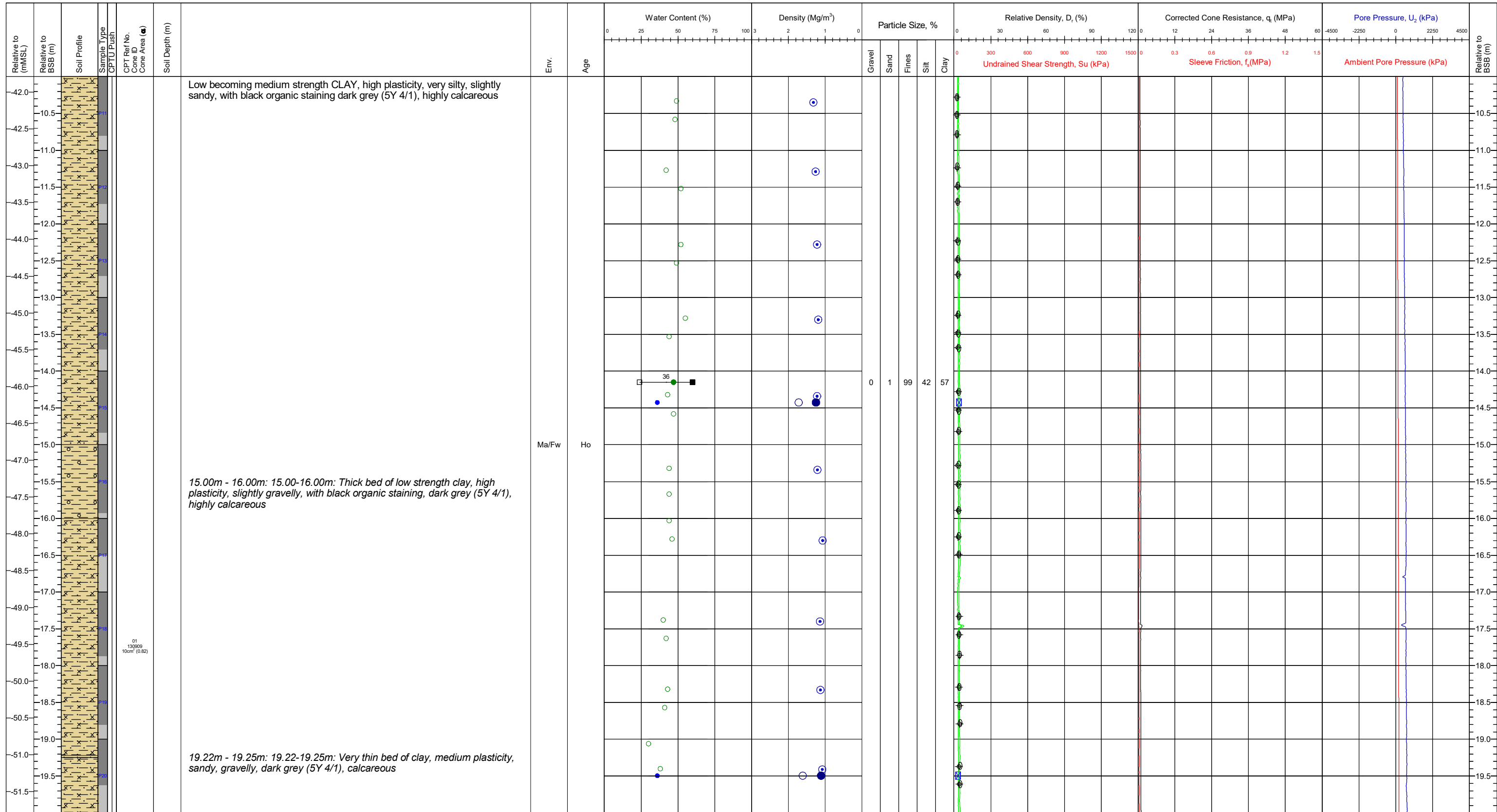
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	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS: ETRS89	QC Status			Location Names		
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB12. CB12 class 1 test terminated at 34.82m at operators discretion due to high risk of rod bend. Continuous seabed CPT. Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling - Wilson CPT and push sampling methods.	Preliminary	Draft	Final	CB12 CB12-BH		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8		BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)			
Vessel	MV Ocean Vantage	Date of Test (Start-End)								
Method	20 kN Sea bed CPT	Final Borehole Depth	70.00m						Page: 1/8	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

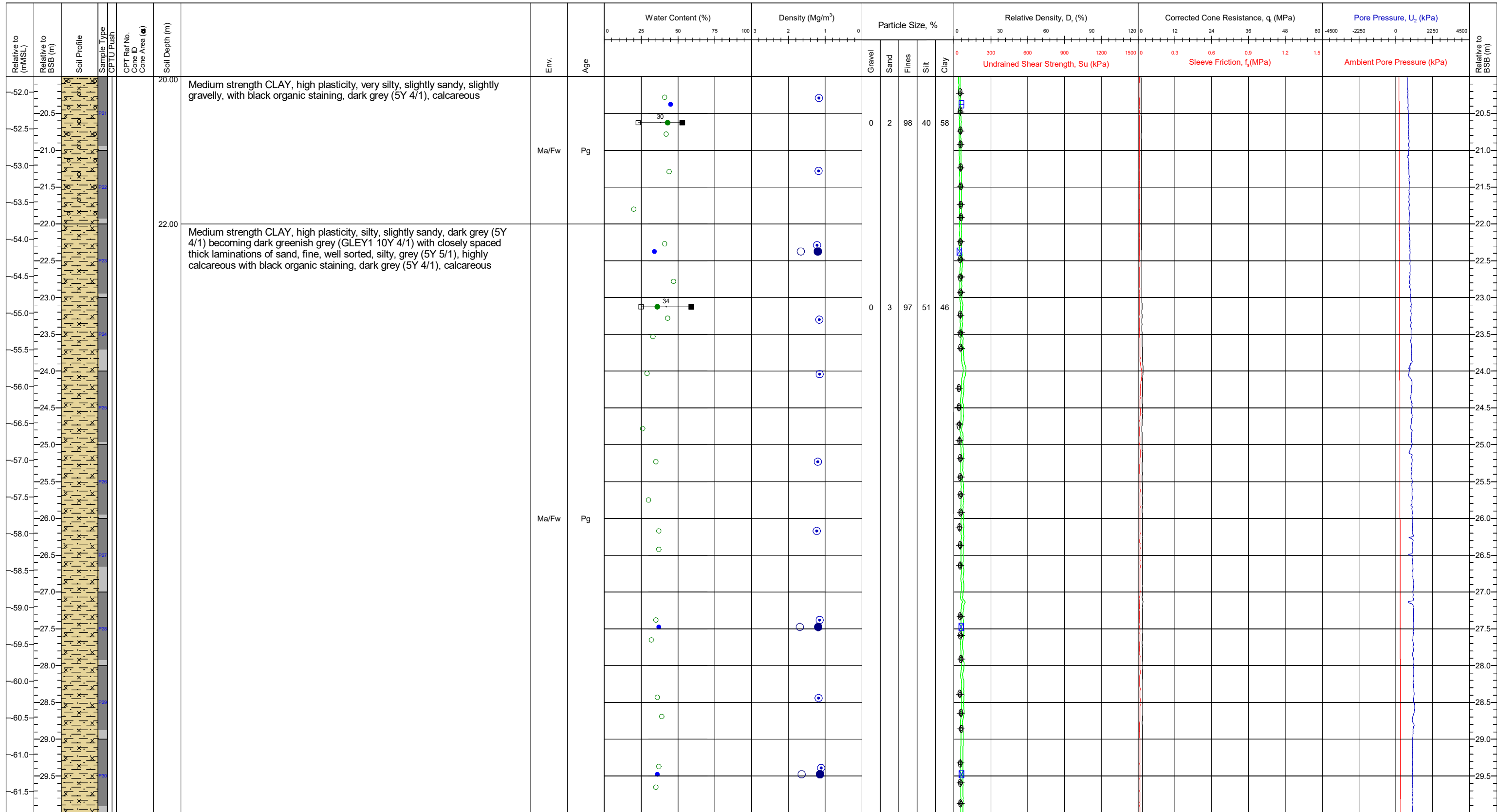
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB12. CB12 class 1 test terminated at 34.82m at operators discretion due to high risk of rod bend. Continuous seabed CPT. Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling - Wilson CPT and push sampling methods.	Preliminary	Draft	Final	CB12 CB12-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8		BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	70.00m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

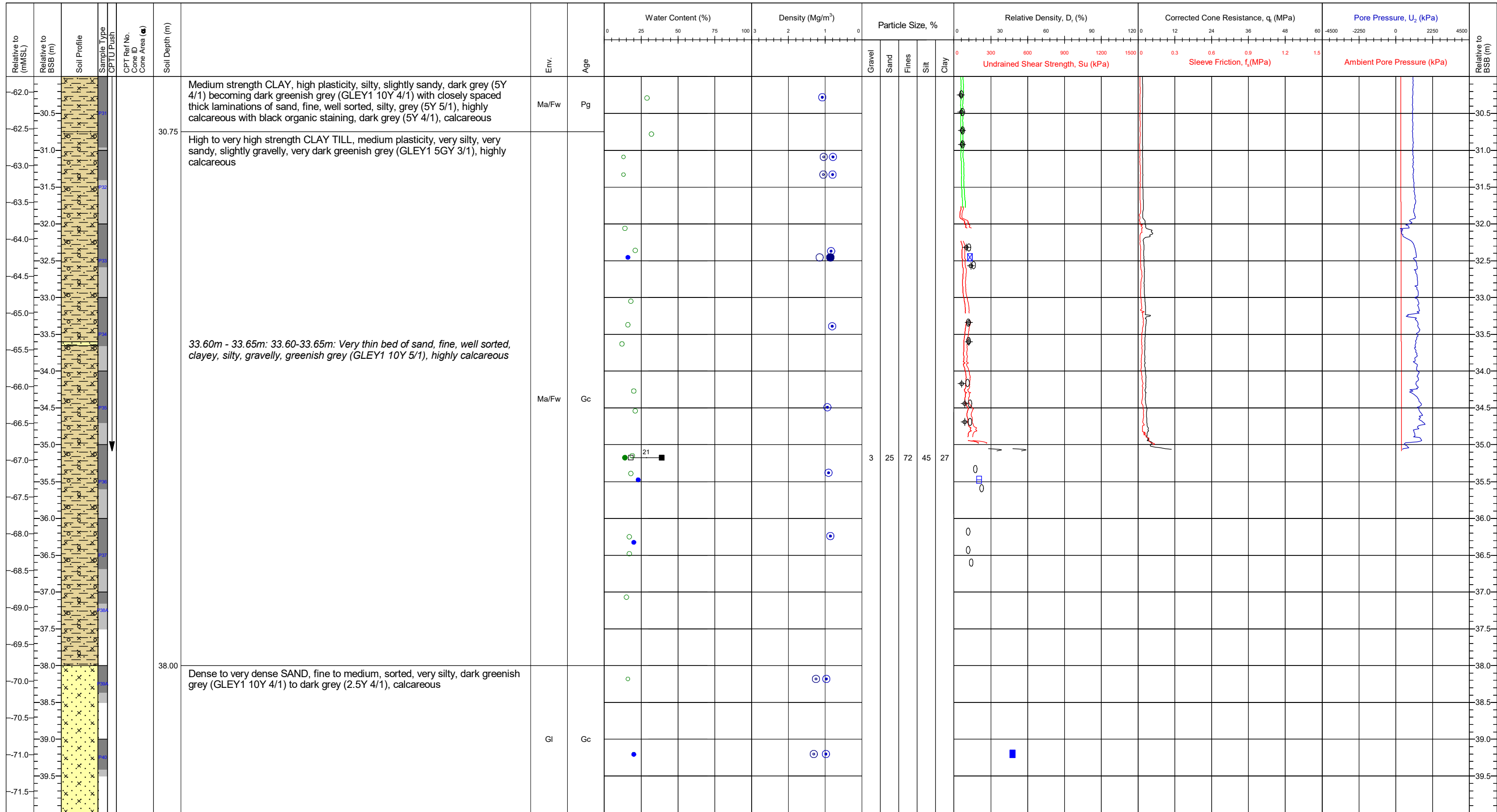
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB12. CB12 class 1 test terminated at 34.82m at operators discretion due to high risk of rod bend. Continuous seabed CPT. Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling - Wilson CPT and push sampling methods.	Preliminary	Draft	Final	CB12 CB12-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8		BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	20 kN Sea bed CPT	Final Borehole Depth	70.00m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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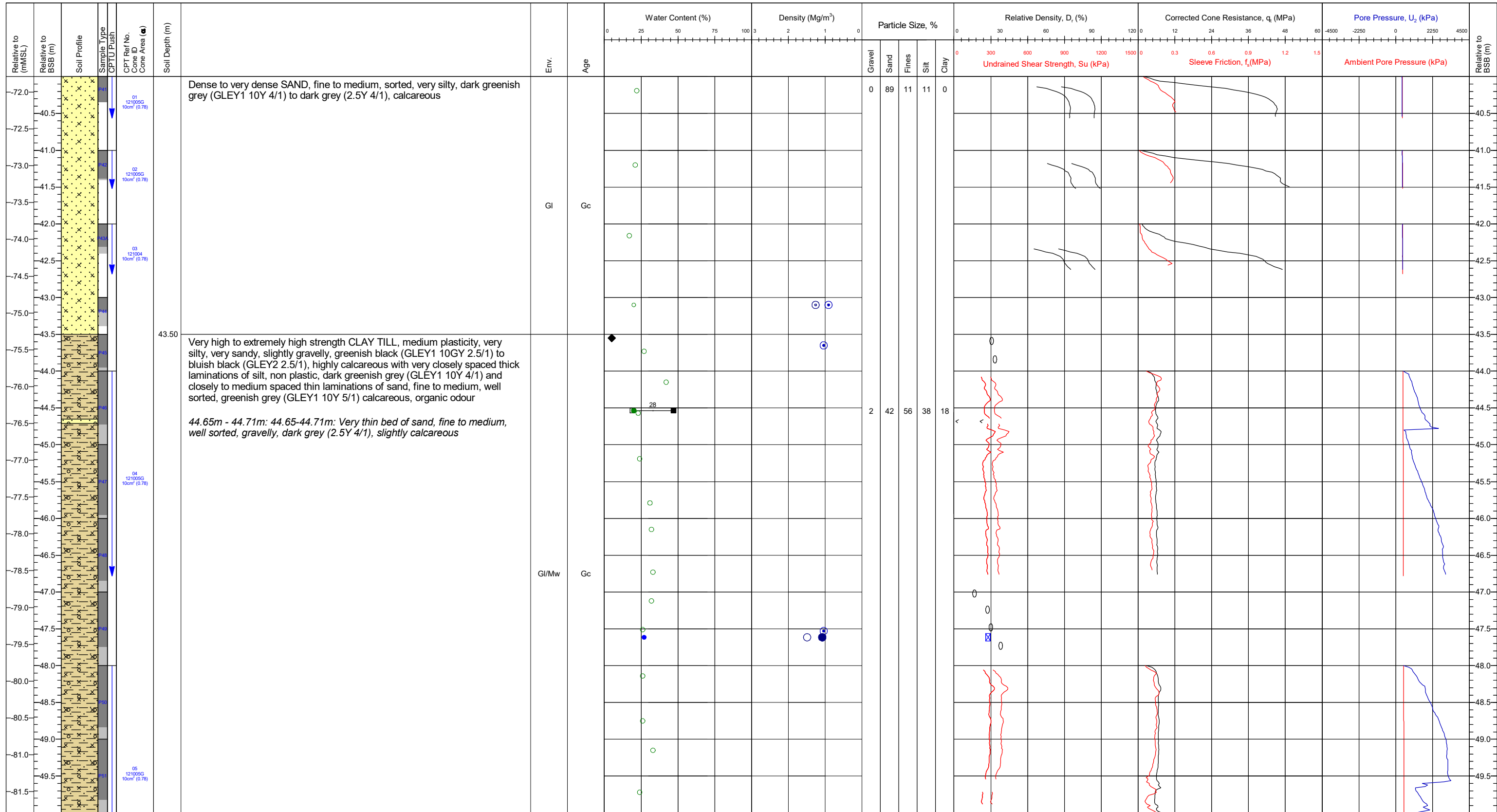
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB12. CB12 class 1 test terminated at 34.82m at operators discretion due to high risk of rod bend. Continuous seabed CPT. Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling - Wilson CPT and push sampling methods.	Preliminary	CB12
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8		Draft	CB12-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	70.00m		BC/JK (25/06/2021)	DR (25/06/2021)
					Page: 4/8	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

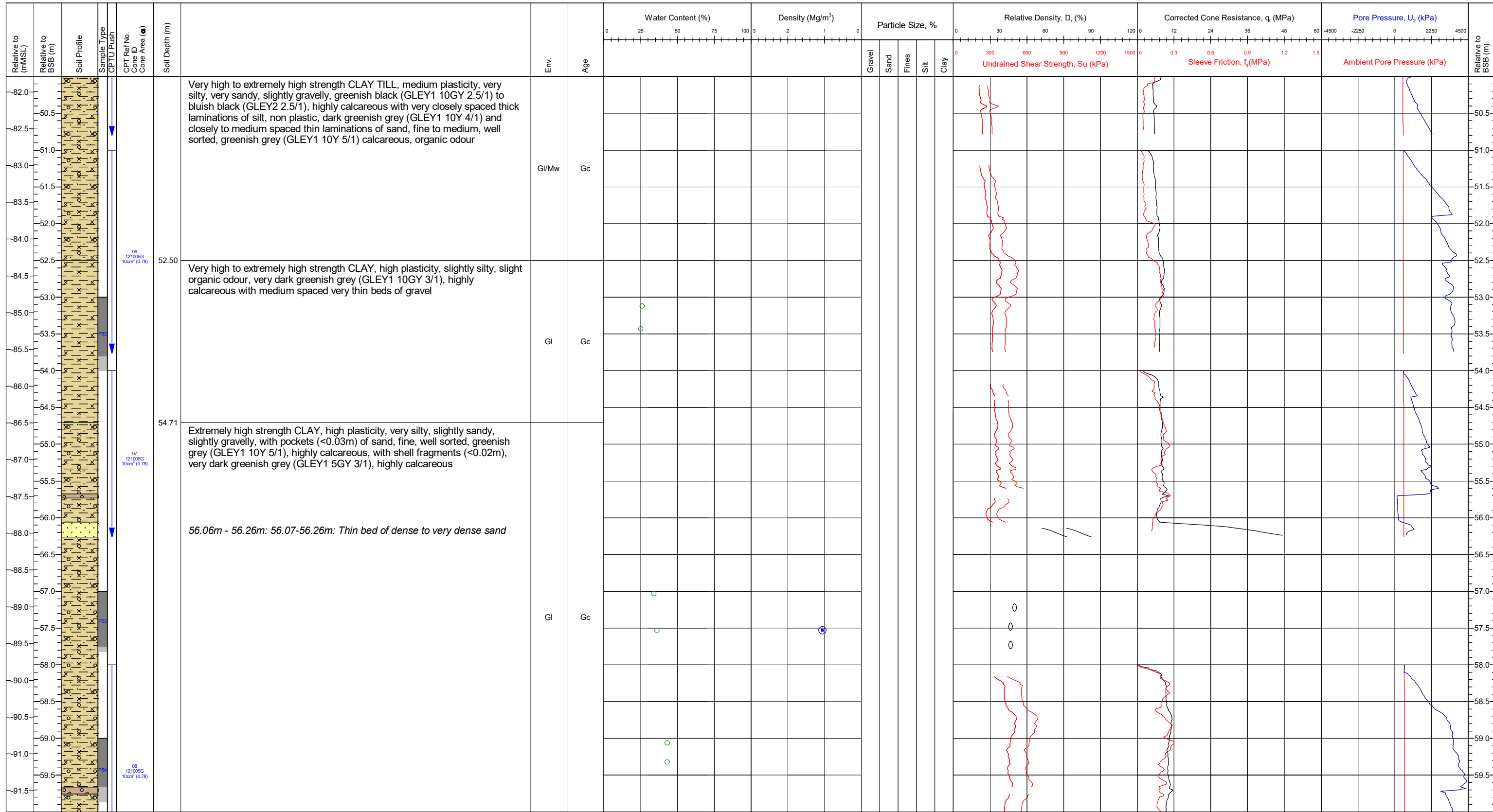
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB12-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8	Comments: Location data taken from CB12. CB12 class 1 test terminated at 34.82m at operators discretion due to high risk of rod bend. Continuous seabed CPT. Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling - Wilson CPT and push sampling methods.	Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wilson	Final Borehole Depth	70.00m		BC/JK (25/06/2021)	
					DR (25/06/2021)	
					SMc (10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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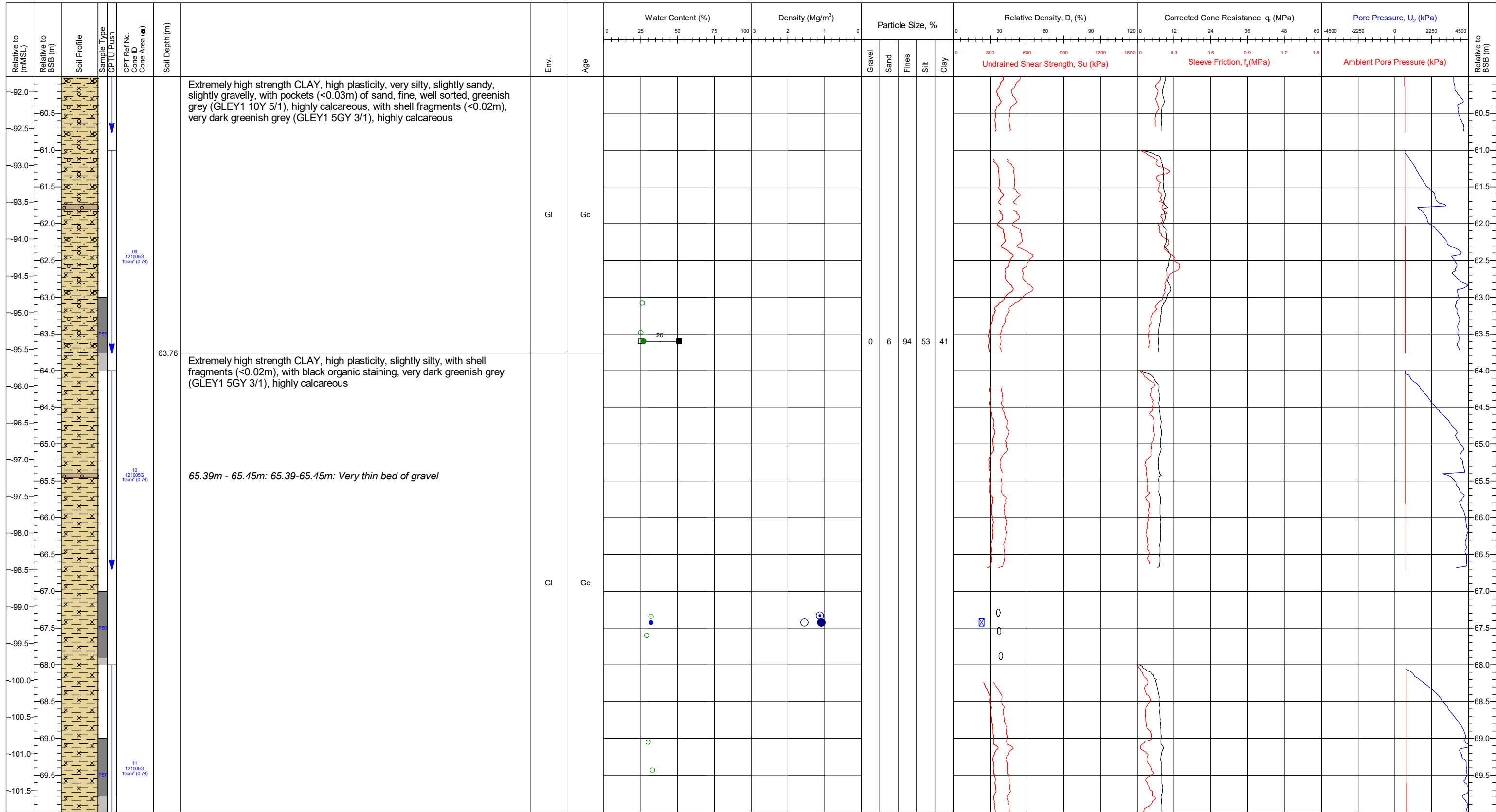
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	SAND		GRAVEL
	CHALK		PEAT
			COBBLES
			Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB12-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8		Comments: Location data taken from CB12. CB12 class 1 test terminated at 34.82m at operators discretion due to high risk of rod bend. Continuous seabed CPT. Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling - Wilson CPT and push sampling methods.			
Vessel	MV Ocean Vantage	Date of Test (Start-End)			BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)	
Method	Wilson	Final Borehole Depth	70.00m					Page: 6/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE End of borehole at 70.00m

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

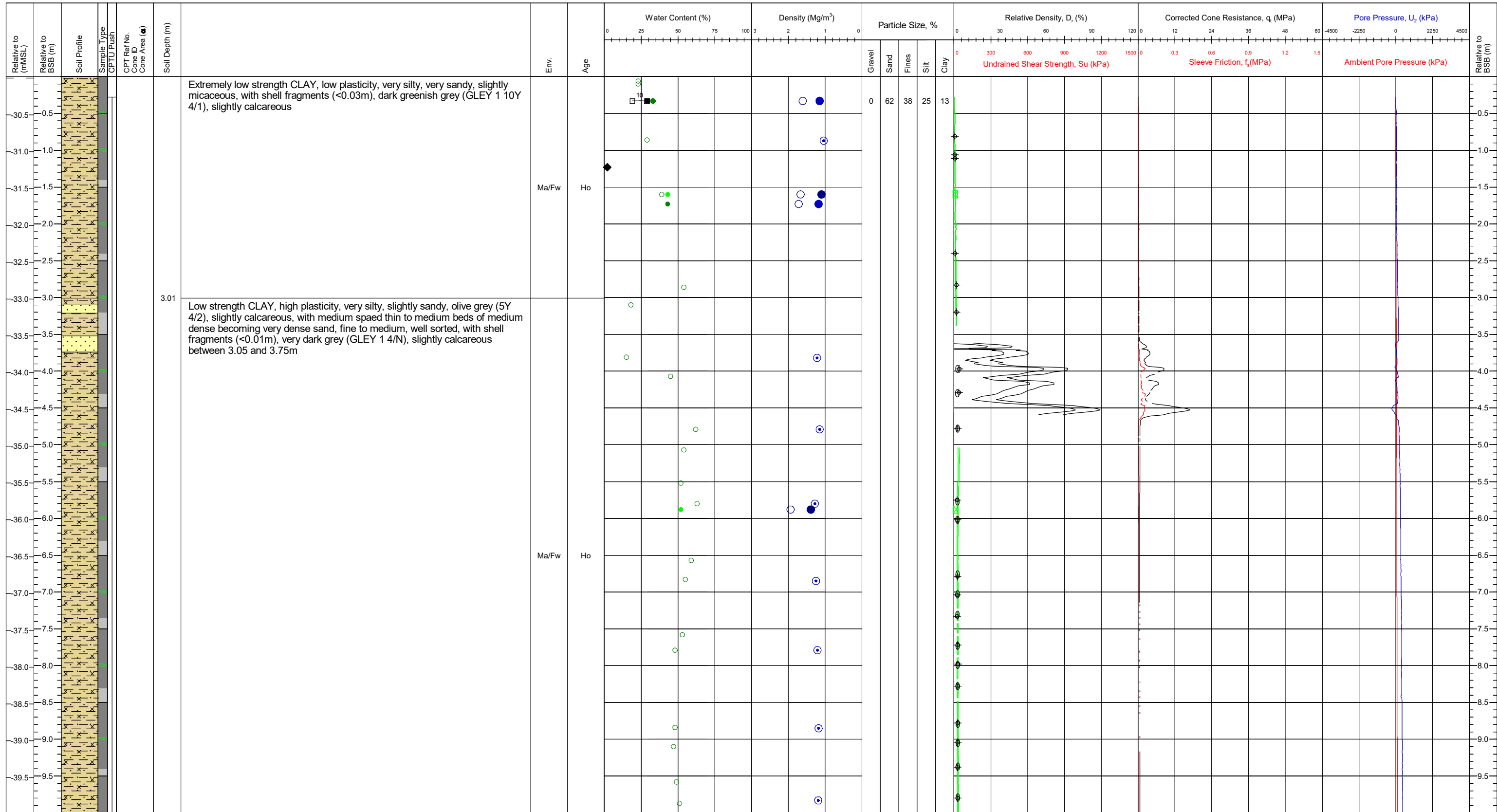
Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	677450.3E 6270633.5N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB12-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.8					
Vessel	MV Ocean Vantage	Date of Test (Start-End)						
Method	Wilson	Final Borehole Depth	70.00m		BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)	

Comments: Location data taken from CB12. CB12 class 1 test terminated at 34.82m at operators discretion due to high risk of rod bend. Continuous seabed CPT. Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling - Wilson CPT and push sampling methods.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



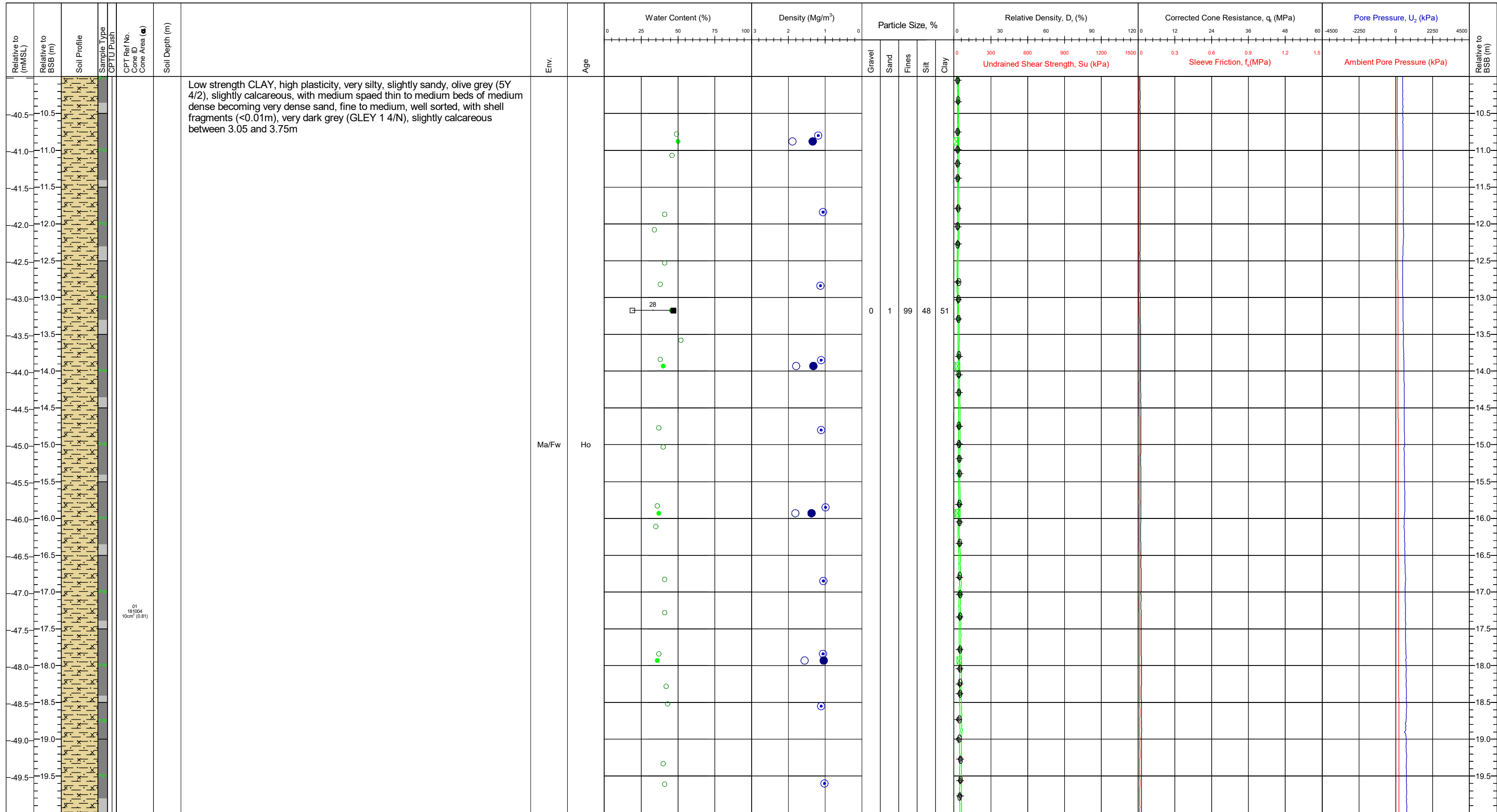
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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	QC Status			Location Names		
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB13. CB13 class 1 test terminated at 33.83m at operators discretion due to high inclination and risk of rod bend. Continuous seabed CPT. Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods	Preliminary	Draft	Final	CB13 CB13-BH		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)			
Vessel	MV Ocean Vantage	Date of Test (Start-End)								
Method	20 kN Sea bed CPT	Final Borehole Depth	66.50m							

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

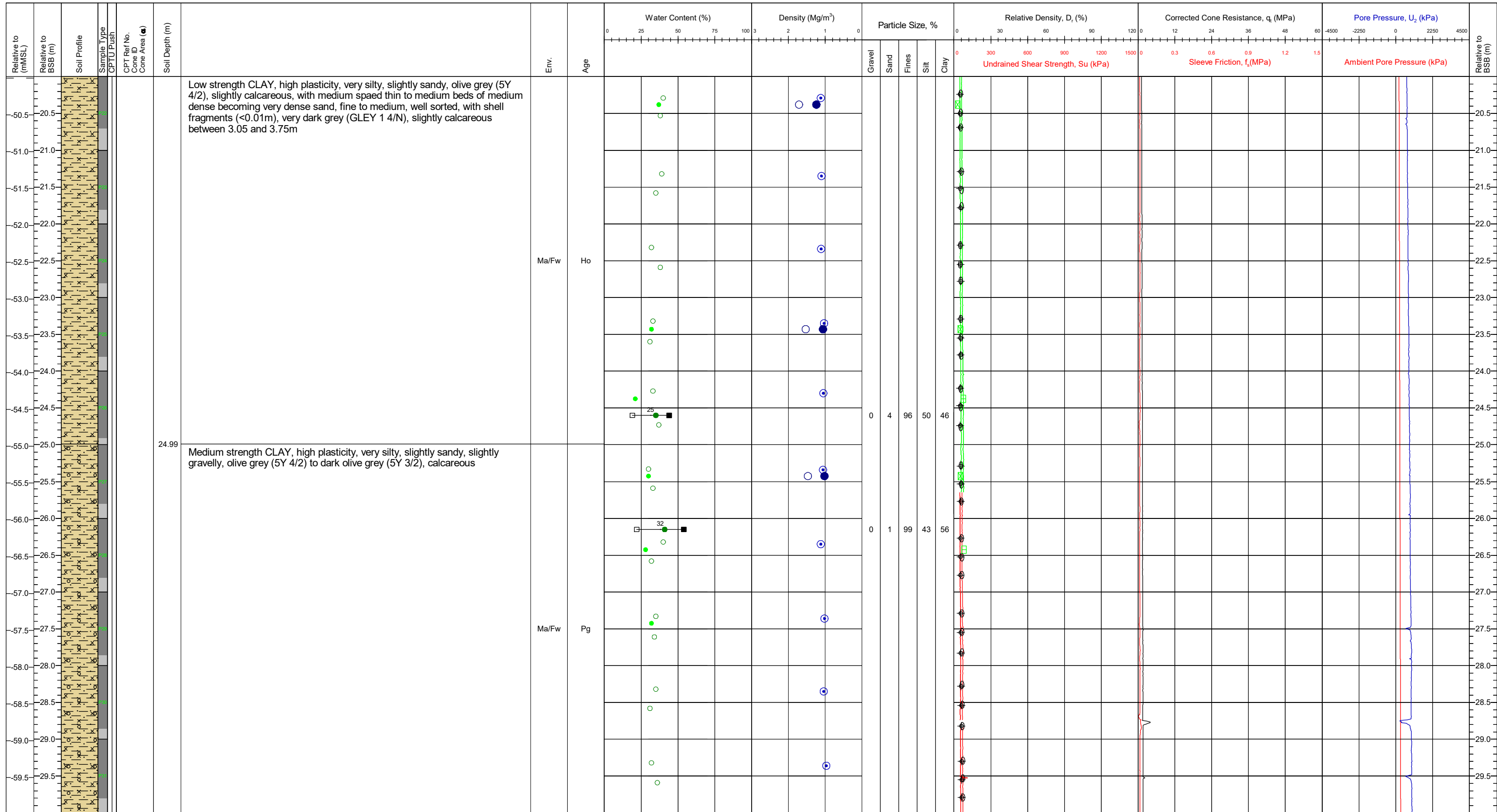


KEY TO SOIL PROFILE

	SILT		CLAY		SAND		CHALK		GRAVEL		PEAT		COBBLES		Mixed Soil	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5	Area Kattegat Sea	Coordinates 670639.5E 6262910.5N	CRS: ETRS89	QC Status Preliminary Draft Final			Location Names CB13 CB13-BH	
Contract: 11596 Client Name / Ref: Energinet Eltransmission A/S / 384_20_ENE Vessel: MV Ocean Vantage Method: 20 kN Sea bed CPT																	Latitude / Longitude	Water Depth (mMSL): -30.0	Date of Test (Start-End)	Final Borehole Depth: 66.50m	Comments: Location data taken from CB13. CB13 class 1 test terminated at 33.83m at operators discretion due to high inclination and risk of rod bend. Continuous seabed CPT. Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods	BC/JK (25/06/2021)	DR (25/06/2021)	SMC (10/11/2021)

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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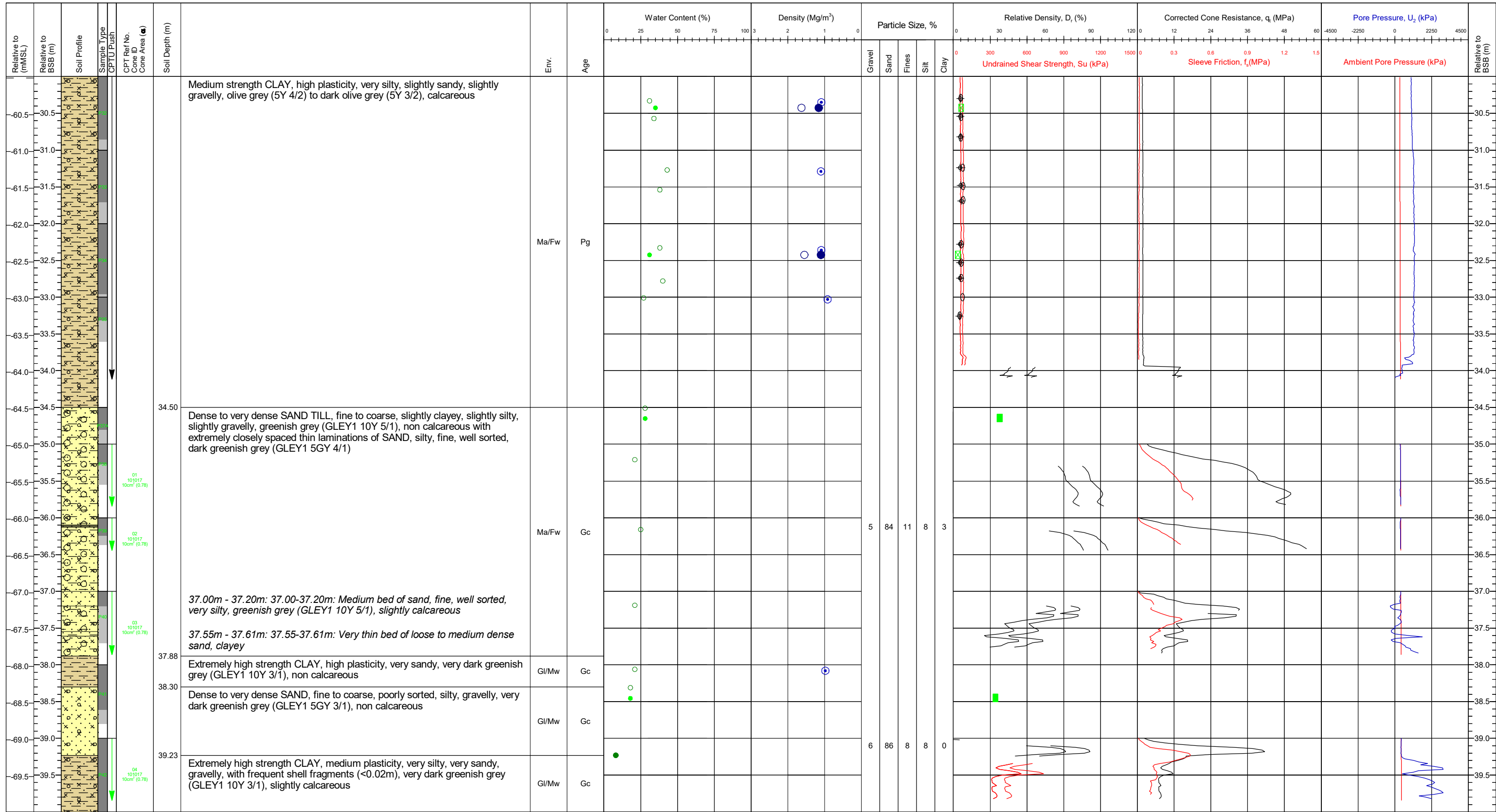
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	QC Status	Location Names	
Contract	11596	Latitude / Longitude			Preliminary Draft Final	CB13 CB13-BH	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0	Comments: Location data taken from CB13. CB13 class 1 test terminated at 33.83m at operators discretion due to high inclination and risk of rod bend. Continuous seabed CPT. Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods	BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)
Vessel	MV Ocean Vantage	Date of Test (Start-End)					
Method	20 kN Sea bed CPT	Final Borehole Depth	66.50m				

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



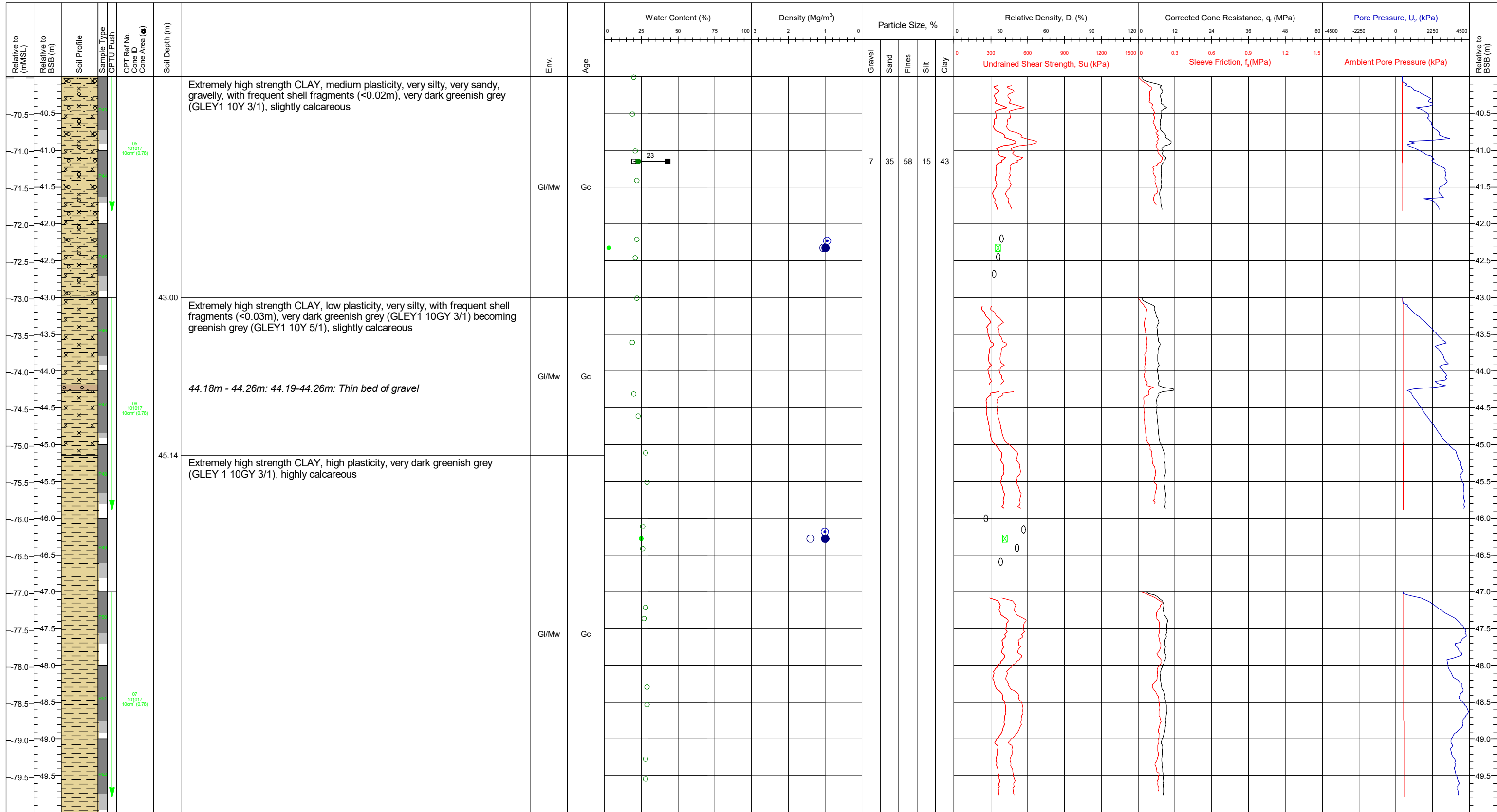
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil			

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	Comments: Location data taken from CB13. CB13 class 1 test terminated at 33.83m at operators discretion due to high inclination and risk of rod bend. Continuous seabed CPT. Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods	QC Status			Location Names CB13 CB13-BH
Contract	11596	Latitude / Longitude				Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0			BC/JK	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)				(25/06/2021)	(25/06/2021)	(10/11/2021)	
Method	20 kN Sea bed CPT	Final Borehole Depth	66.50m						Page: 4/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

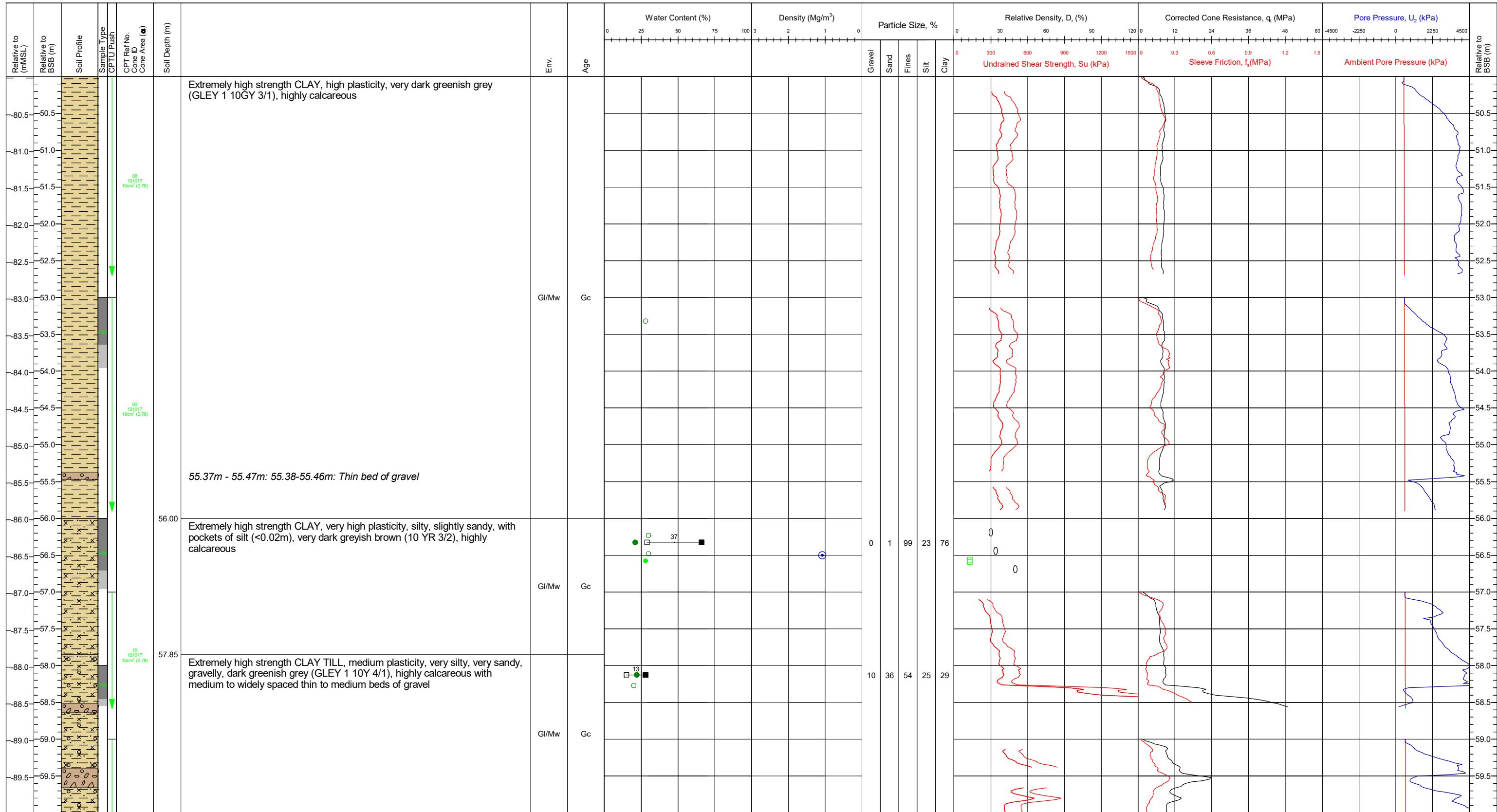
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{gr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	QC Status Preliminary Draft Final BC/JK (25/06/2021) DR (25/06/2021) SMc (10/11/2021)	Location Names CB13-BH
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB13. CB13 class 1 test terminated at 33.83m at operators discretion due to high inclination and risk of rod bend. Continuous seabed CPT. Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods		
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0			
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	Wilson	Final Borehole Depth	66.50m		Page: 5/7	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



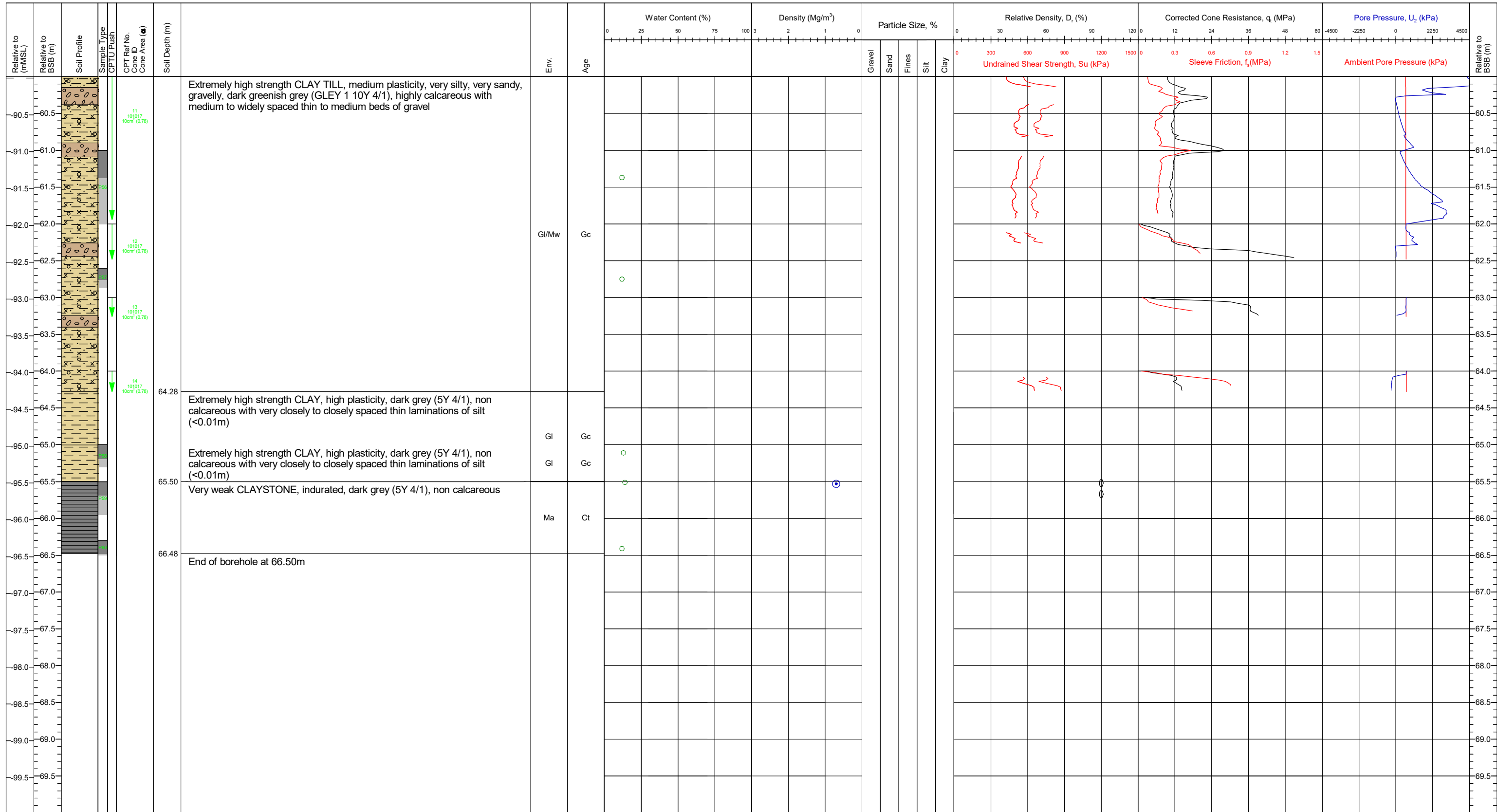
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names CB13-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0	Comments: Location data taken from CB13. CB13 class 1 test terminated at 33.83m at operators discretion due to high inclination and risk of rod bend. Continuous seabed CPT. Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods		
Vessel	MV Ocean Vantage	Date of Test (Start-End)		BC/JK (25/06/2021)	DR (25/06/2021)	SMc (10/11/2021)
Method	Wison	Final Borehole Depth	66.50m	Page: 6/7		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

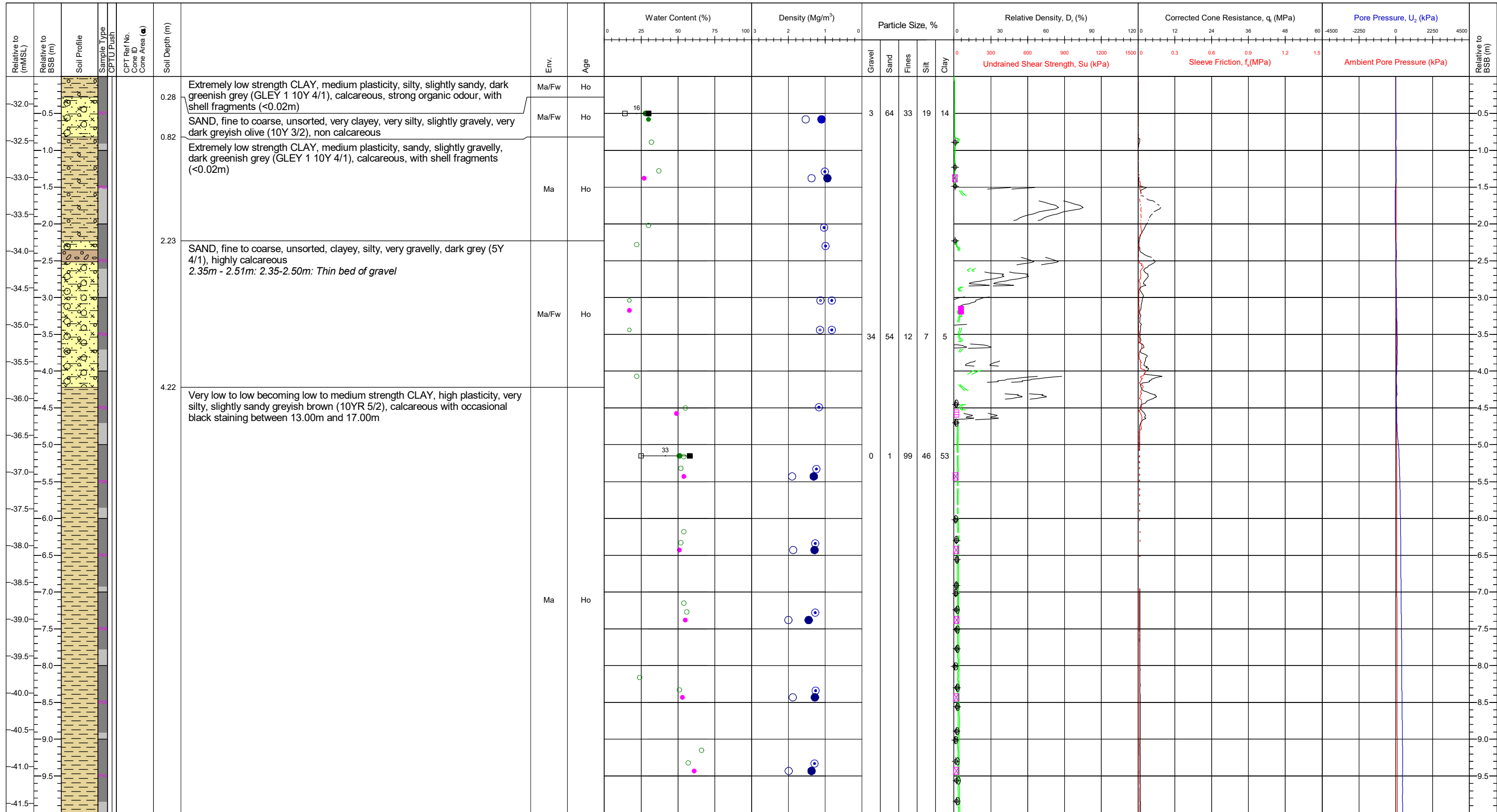
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	670639.5E 6262910.5N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB13-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0	Comments: Location data taken from CB13. CB13 class 1 test terminated at 33.83m at operators discretion due to high inclination and risk of rod bend. Continuous seabed CPT. Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods	Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wison	Final Borehole Depth	66.50m		BC/JK (25/06/2021)	
					DR (25/06/2021)	
					SMc (10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

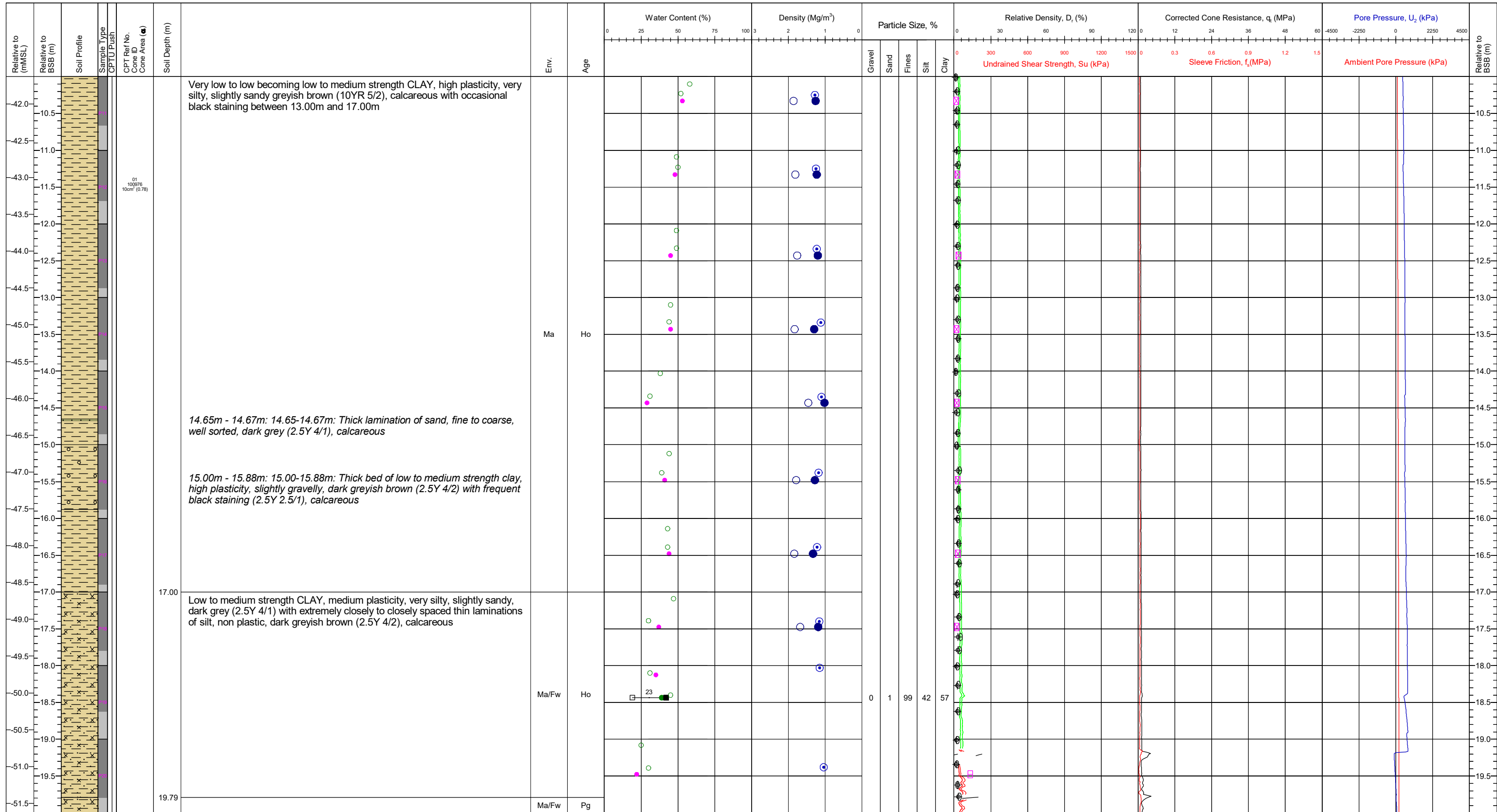


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _v : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5	Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS: ETRS89	QC Status			Location Names
	SAND		GRAVEL			Contract	11596	Latitude / Longitude		Comments: Location data taken from CB14. CB14 out of class test terminated at 22.79m due to a sudden increase of more than 3 degrees of cone inclination. Continuous seabed CPT. Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final
	CHALK		PEAT		Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6	BC/JK		DR	SMc	
					Vessel	MV Ocean Vantage	Date of Test (Start-End)		(25/06/2021)		(25/06/2021)	(10/11/2021)	
					Method	20 kN Sea bed CPT	Final Borehole Depth	62.35m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

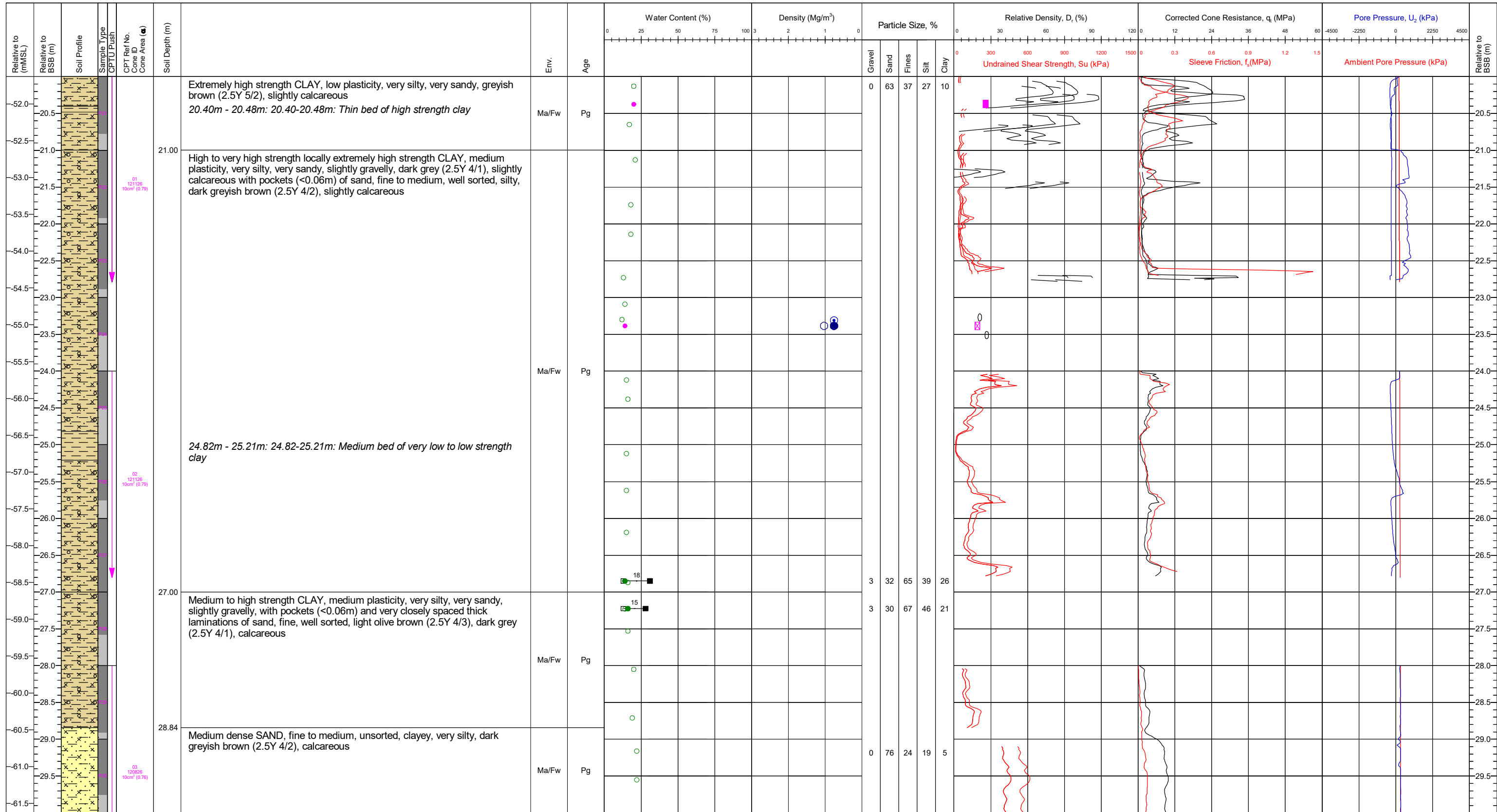
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB14. CB14 out of class test terminated at 22.79m due to a sudden increase of more than 3 degrees of cone inclination. Continuous seabed CPT. Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	CB14
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		Draft	CB14-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	62.35m		BC/JK (25/06/2021)	
					DR (25/06/2021)	
					SMc (10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

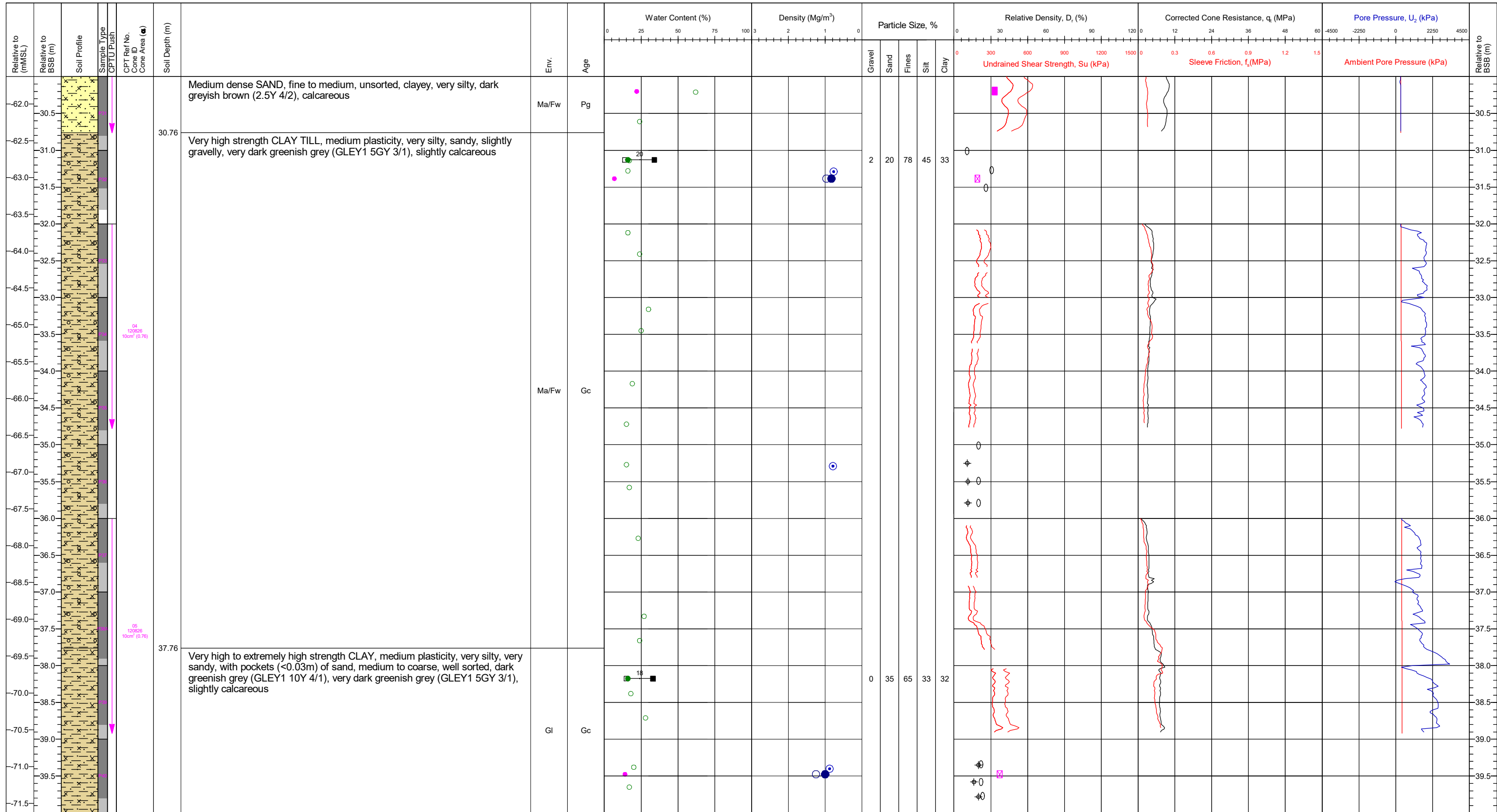


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	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _c : 15 - 20 N _{cr} : 12.5 - 16.5	Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS: ETRS89	QC Status			Location Names
	SAND		GRAVEL		Contract	11596	Latitude / Longitude		Comments: Location data taken from CB14. CB14 out of class test terminated at 22.79m due to a sudden increase of more than 3 degrees of cone inclination. Continuous seabed CPT. Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	CB14 CB14-BH
	CHALK		PEAT		Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		BC/JK	DR	SMc	
	Mixed Soil			Vessel	MV Ocean Vantage	Date of Test (Start-End)		25/06/2021		25/06/2021	10/11/2021		
					Method	20 kN Sea bed CPT	Final Borehole Depth	62.35m				Page: 3/7	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

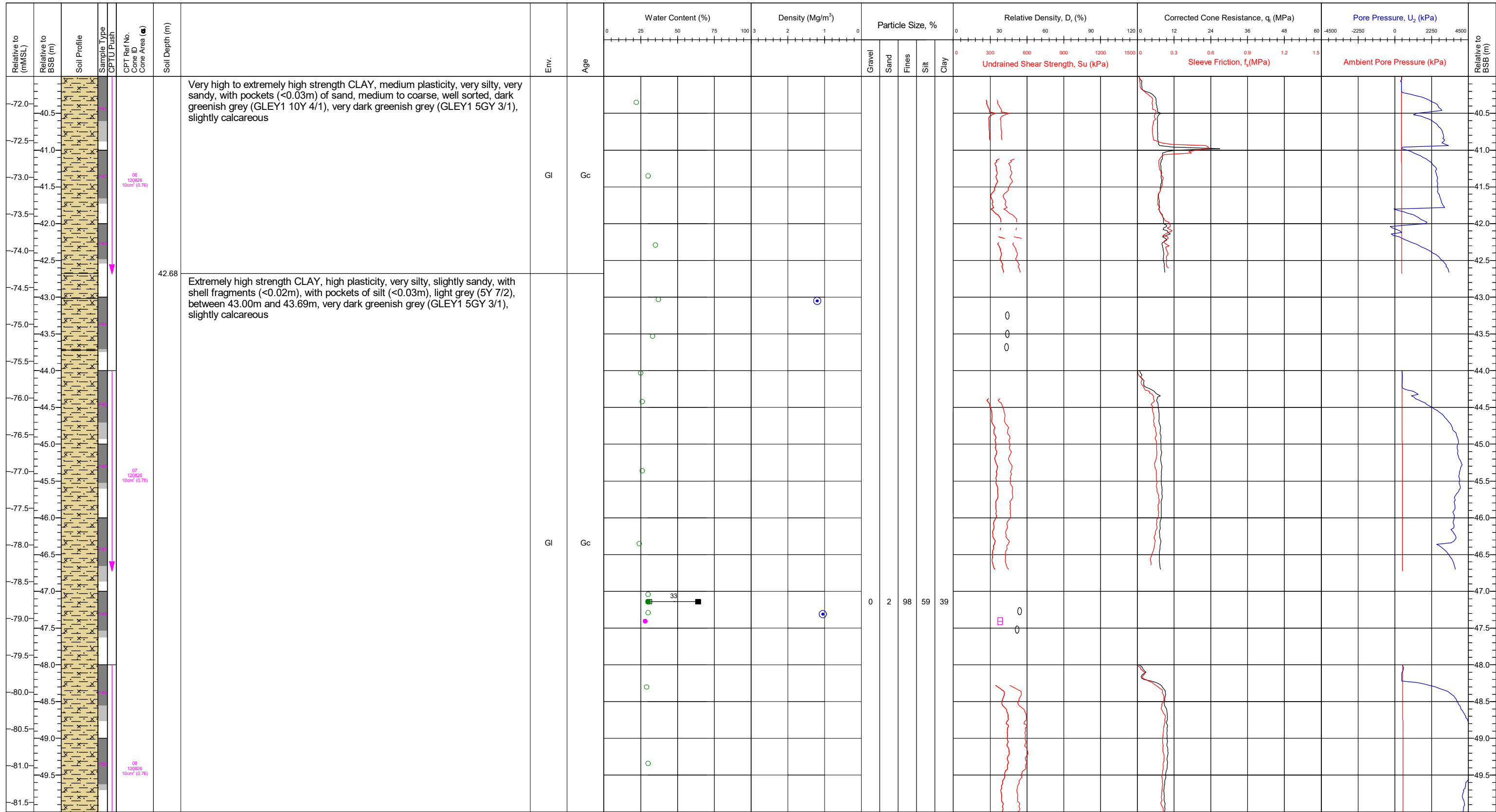
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from CB14. CB14 out of class test terminated at 22.79m due to a sudden increase of more than 3 degrees of cone inclination. Continuous seabed CPT. Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.	Preliminary	Draft	Final	CB14-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		BC/JK	DR	SMc	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			(25/06/2021)	(25/06/2021)	(10/11/2021)	
Method	Wison	Final Borehole Depth	62.35m					Page: 4/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



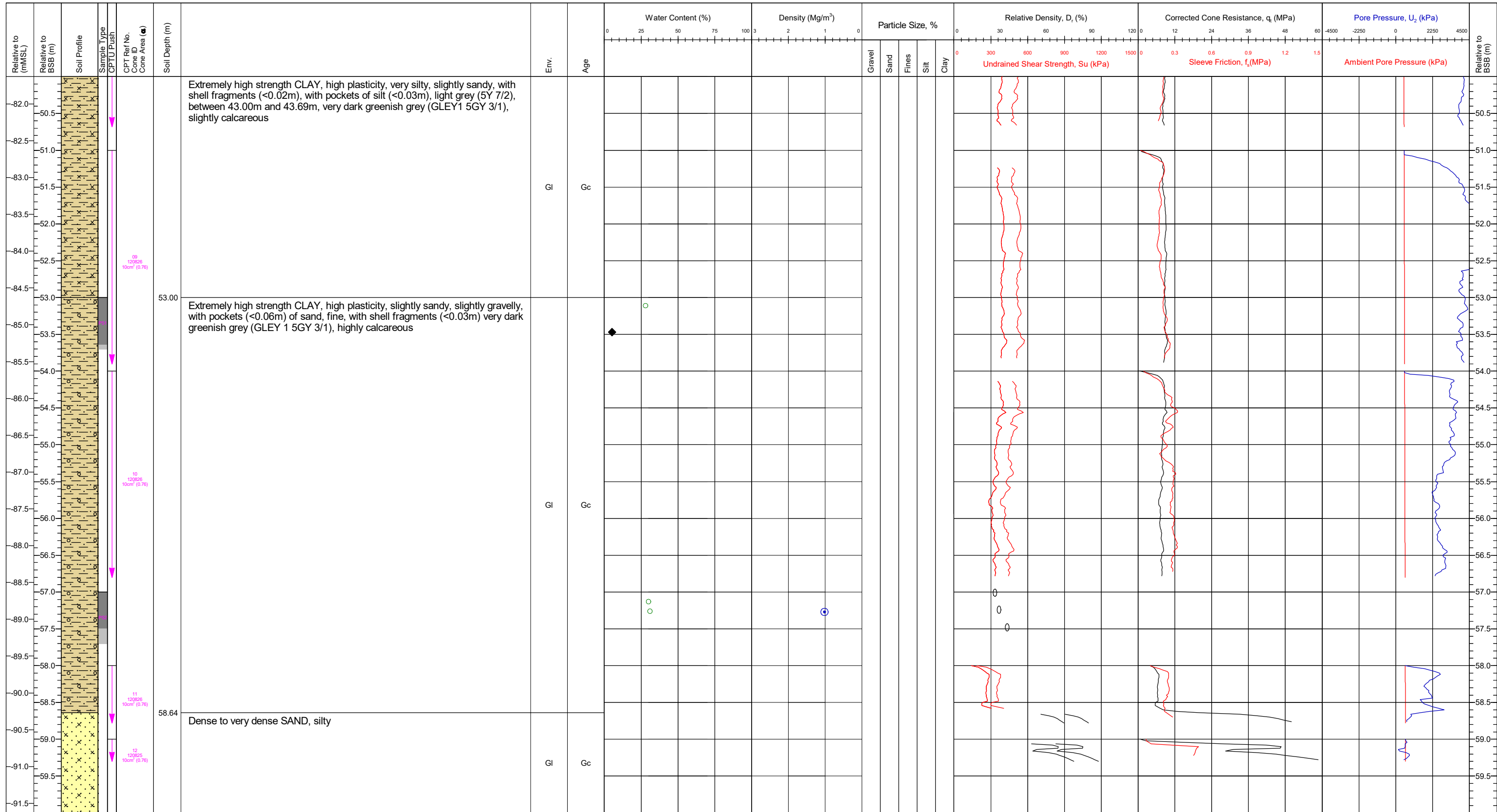
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	CB14-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		Comments: Location data taken from CB14. CB14 out of class test terminated at 22.79m due to a sudden increase of more than 3 degrees of cone inclination. Continuous seabed CPT. Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.			
Vessel	MV Ocean Vantage	Date of Test (Start-End)			BC/JK	DR	SMc	
Method	Wilson	Final Borehole Depth	62.35m		(25/06/2021)	(25/06/2021)	(10/11/2021)	Page: 5/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

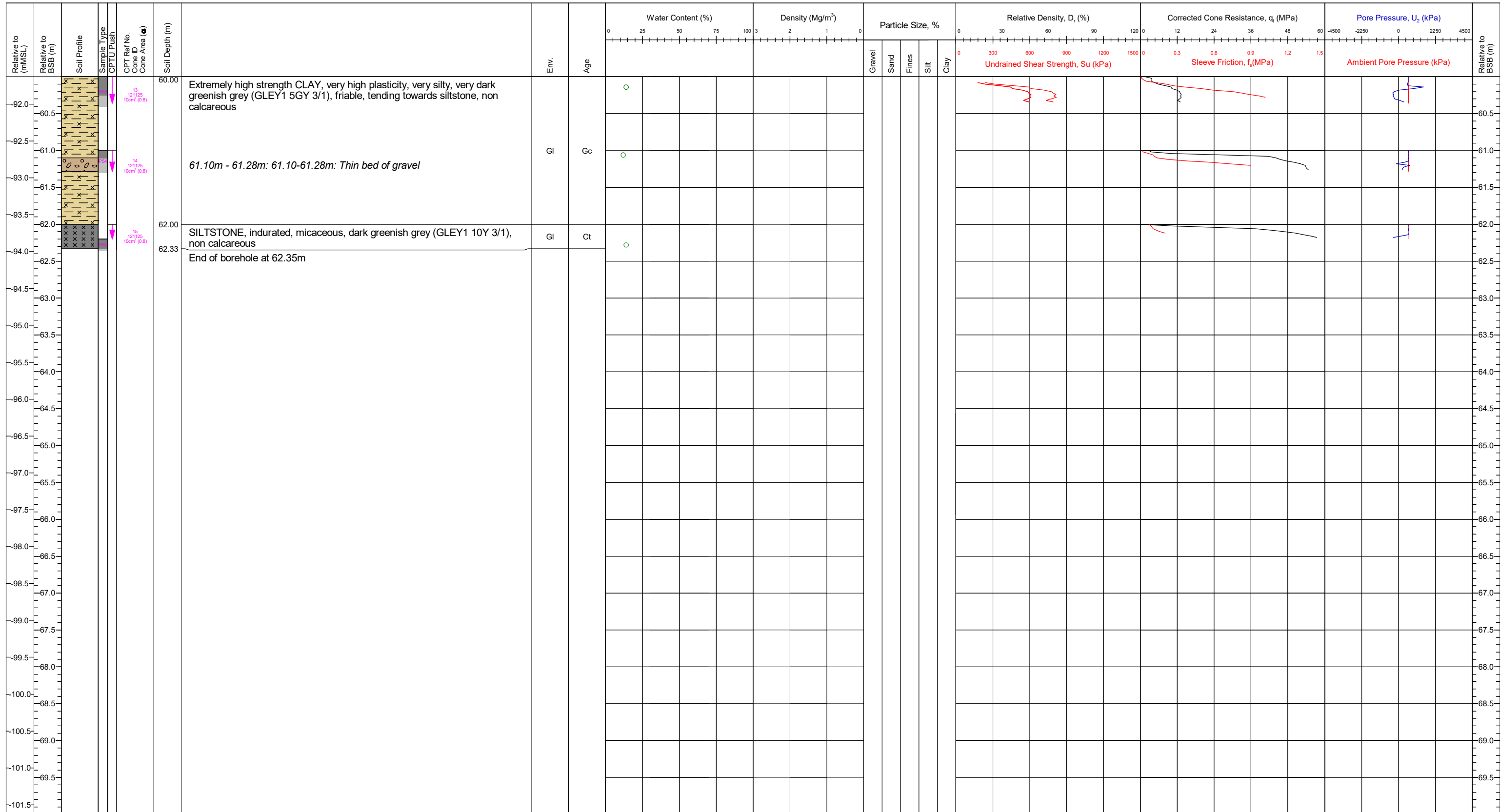
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	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	CB14-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6	Comments: Location data taken from CB14. CB14 out of class test terminated at 22.79m due to a sudden increase of more than 3 degrees of cone inclination. Continuous seabed CPT. Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.	Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wison	Final Borehole Depth	62.35m		BC/JK (25/06/2021)	DR (25/06/2021)
					SMc (10/11/2021)	Page: 6/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

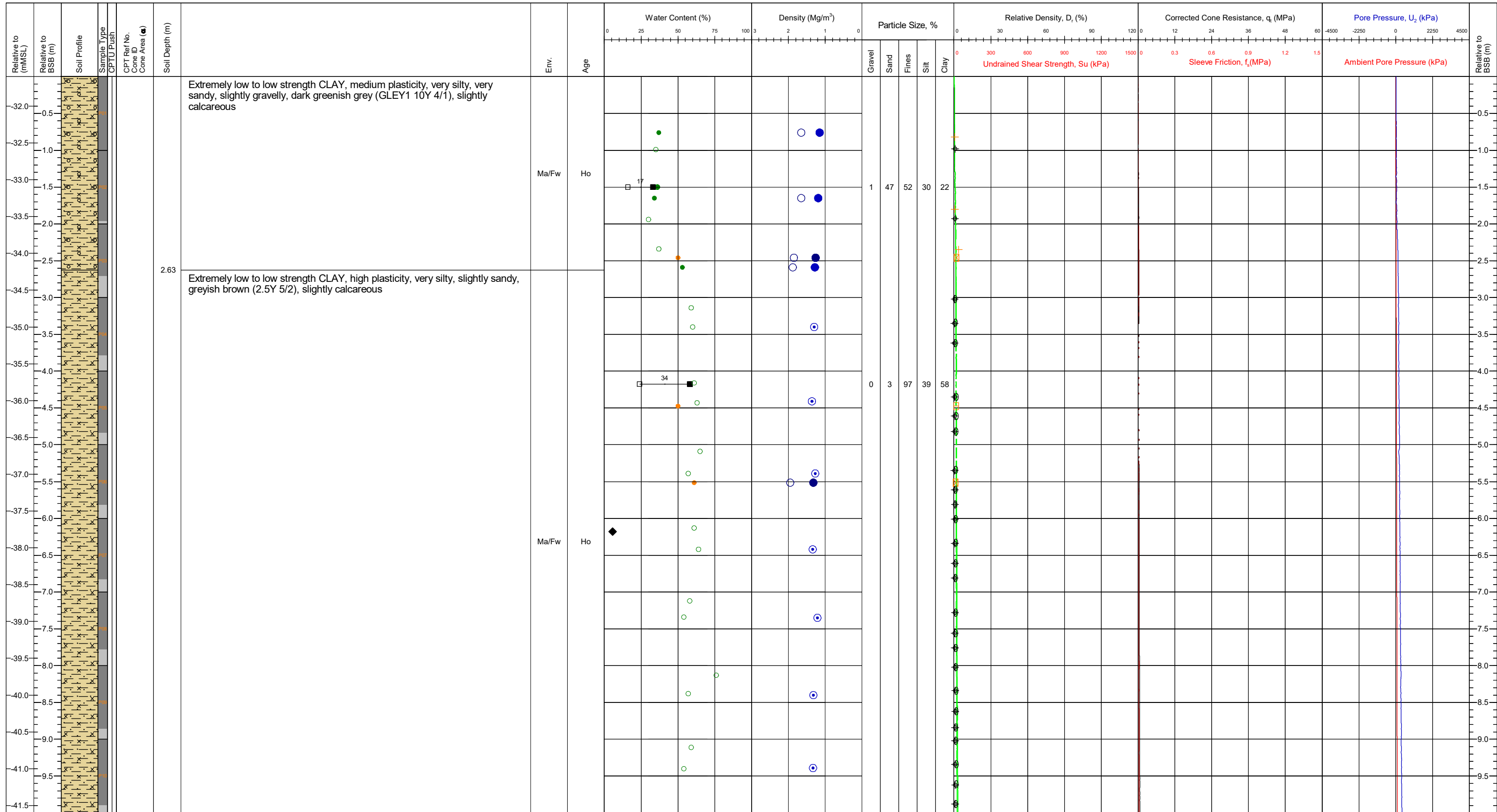
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_v: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	680529.9E 6252844.1N	CRS: ETRS89	Comments: Location data taken from CB14. CB14 out of class test terminated at 22.79m due to a sudden increase of more than 3 degrees of cone inclination. Continuous seabed CPT. Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.	QC Status			Location Names CB14-BH
Contract	11596	Latitude / Longitude				Preliminary	Draft	Final	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6						
Vessel	MV Ocean Vantage	Date of Test (Start-End)				BC/JK	DR	SMc	
Method	Wison	Final Borehole Depth	62.35m			(25/06/2021)	(25/06/2021)	(10/11/2021)	
									Page: 7/7

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

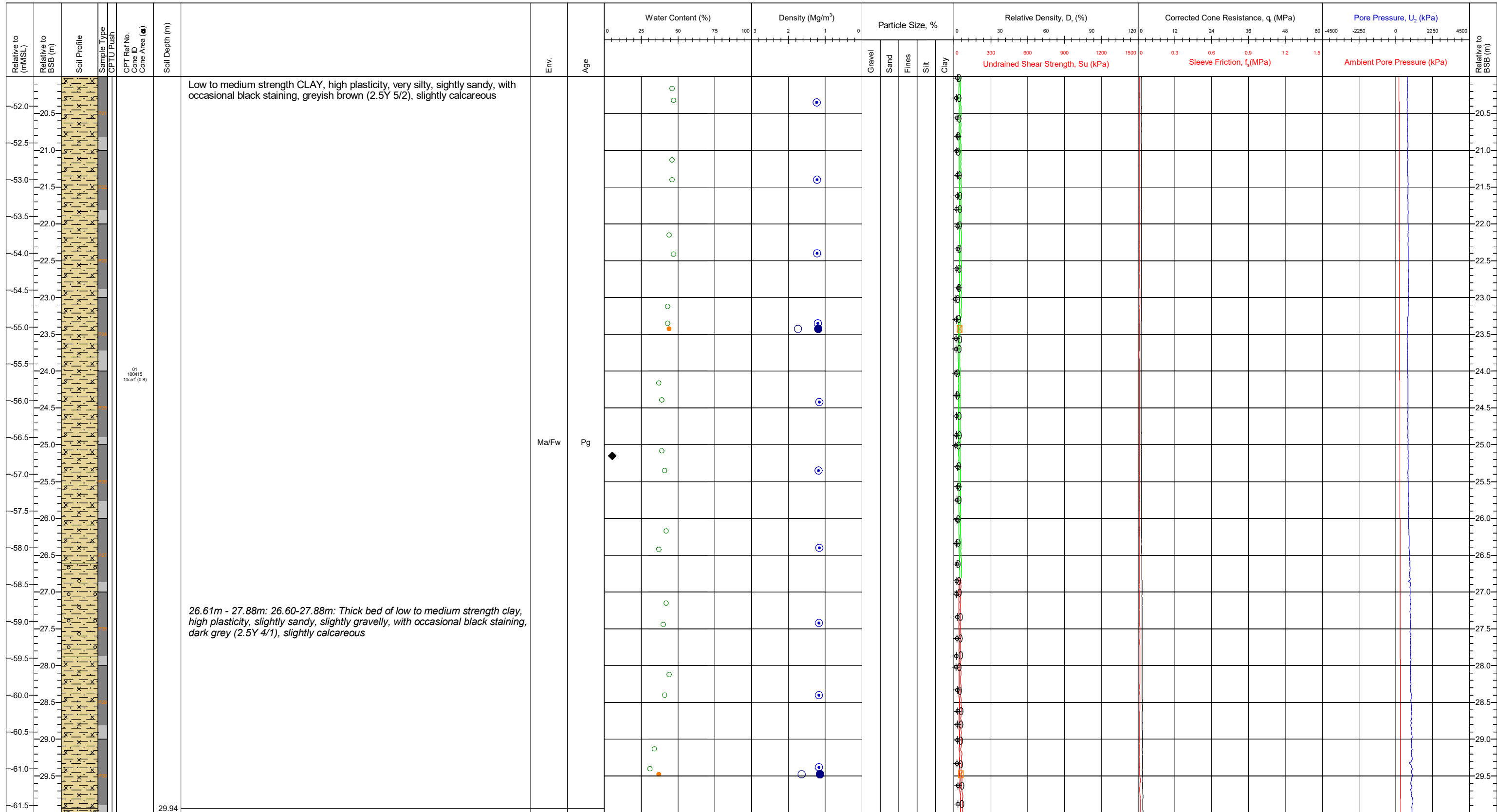
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from OSS 1. OSS 1 out of class test terminated at 47.95m due to loss of communication with the cone. Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling-Wison CPT and push sampling methods.	Preliminary	OSS 1
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		Draft	OSS1-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	70.20m		BC/JK (28/06/2021)	DR (28/06/2021)
						Page: 1/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



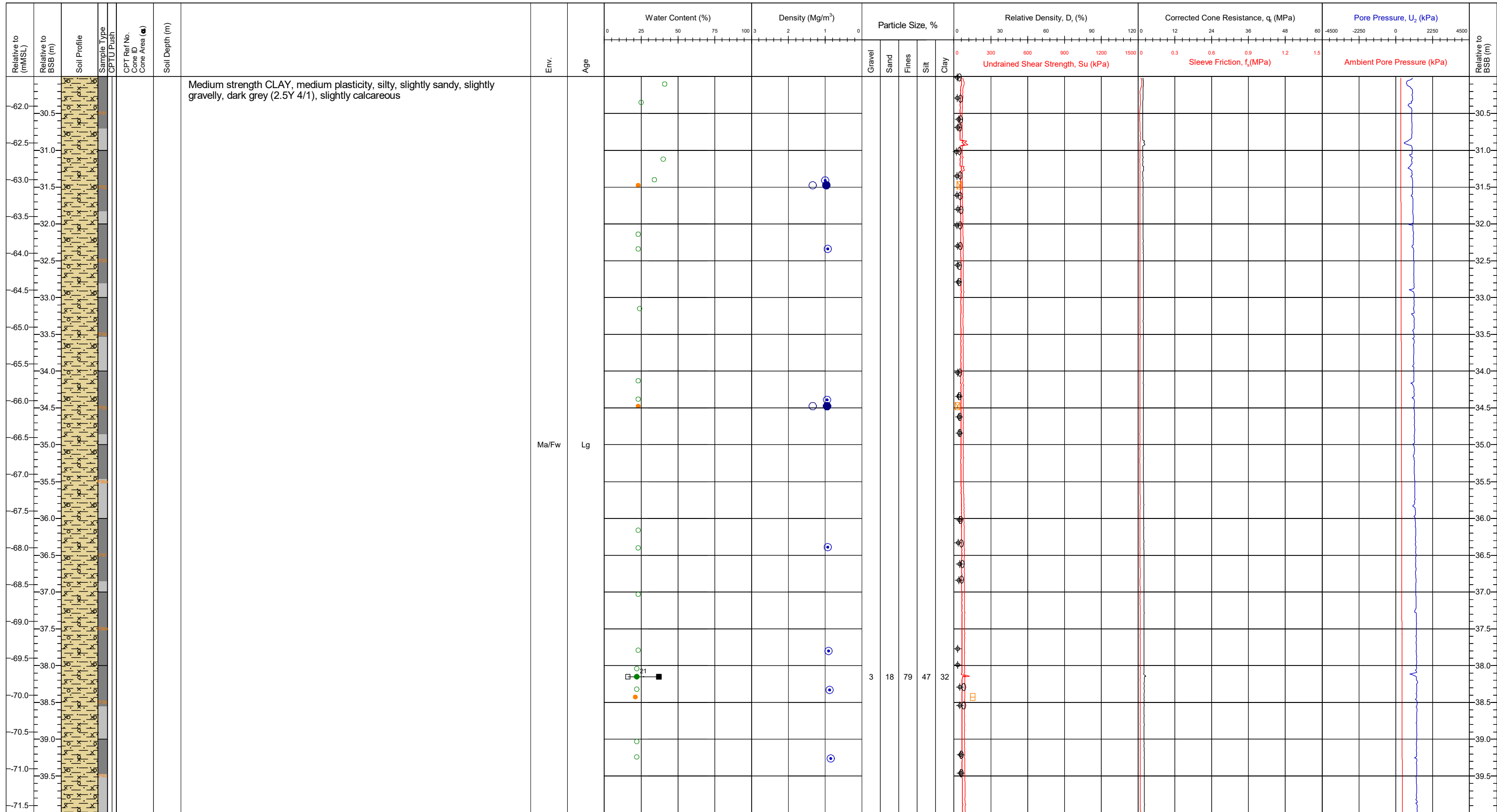
KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5
	SAND		GRAVEL	
	CHALK		PEAT	
	Mixed Soil		COBBLES	

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude		Comments: Location data taken from OSS 1. OSS 1 out of class test terminated at 47.95m due to loss of communication with the cone. Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling-Wison CPT and push sampling methods.	Preliminary	Draft	Final	OSS 1 OSS1-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Page: 3/8			
Method	20 kN Sea bed CPT	Final Borehole Depth	70.20m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

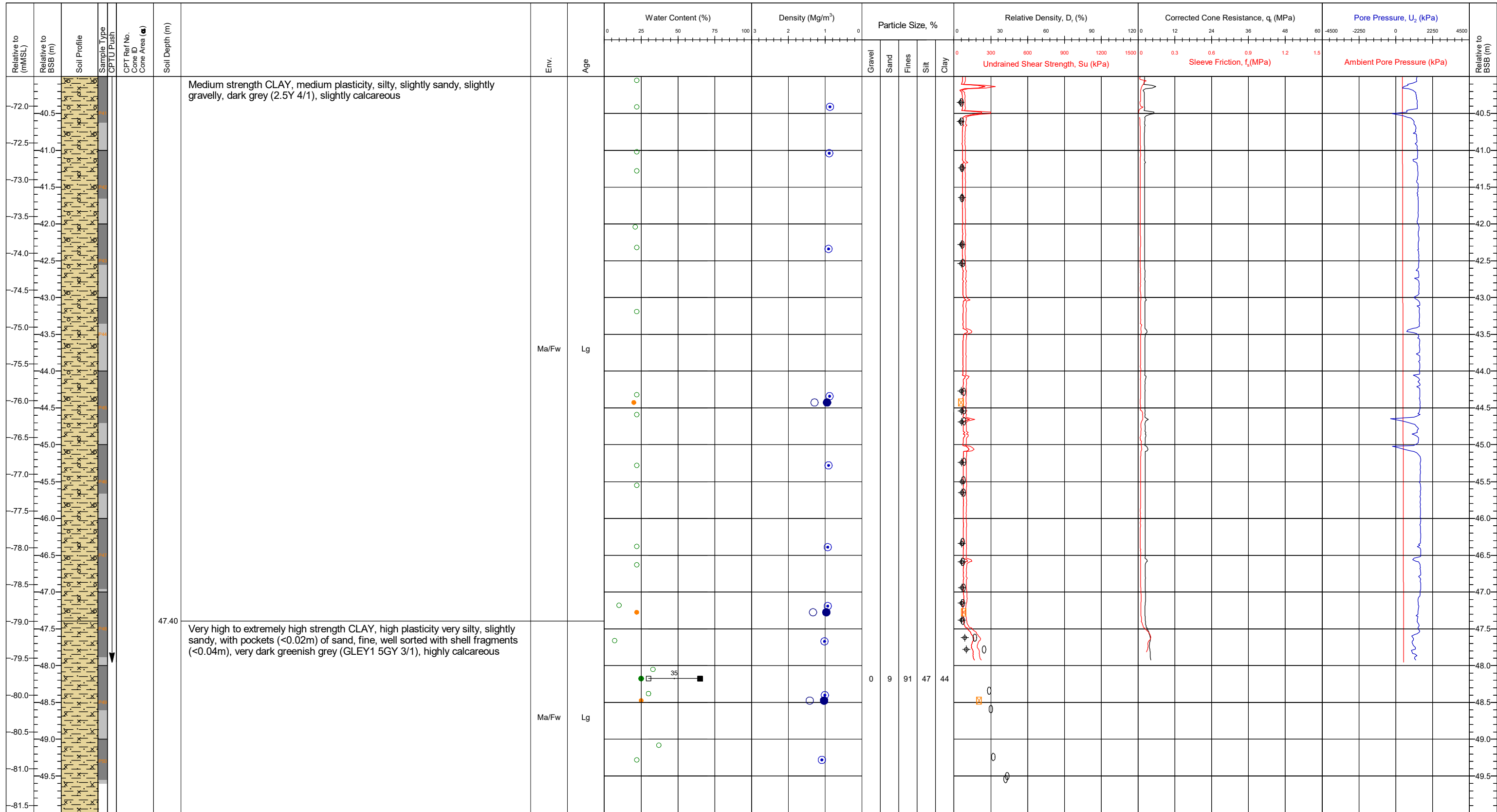
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names OSS 1 OSS1-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		Comments: Location data taken from OSS 1. OSS 1 out of class test terminated at 47.95m due to loss of communication with the cone. Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling-Wison CPT and push sampling methods.	
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	20 kN Sea bed CPT	Final Borehole Depth	70.20m			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

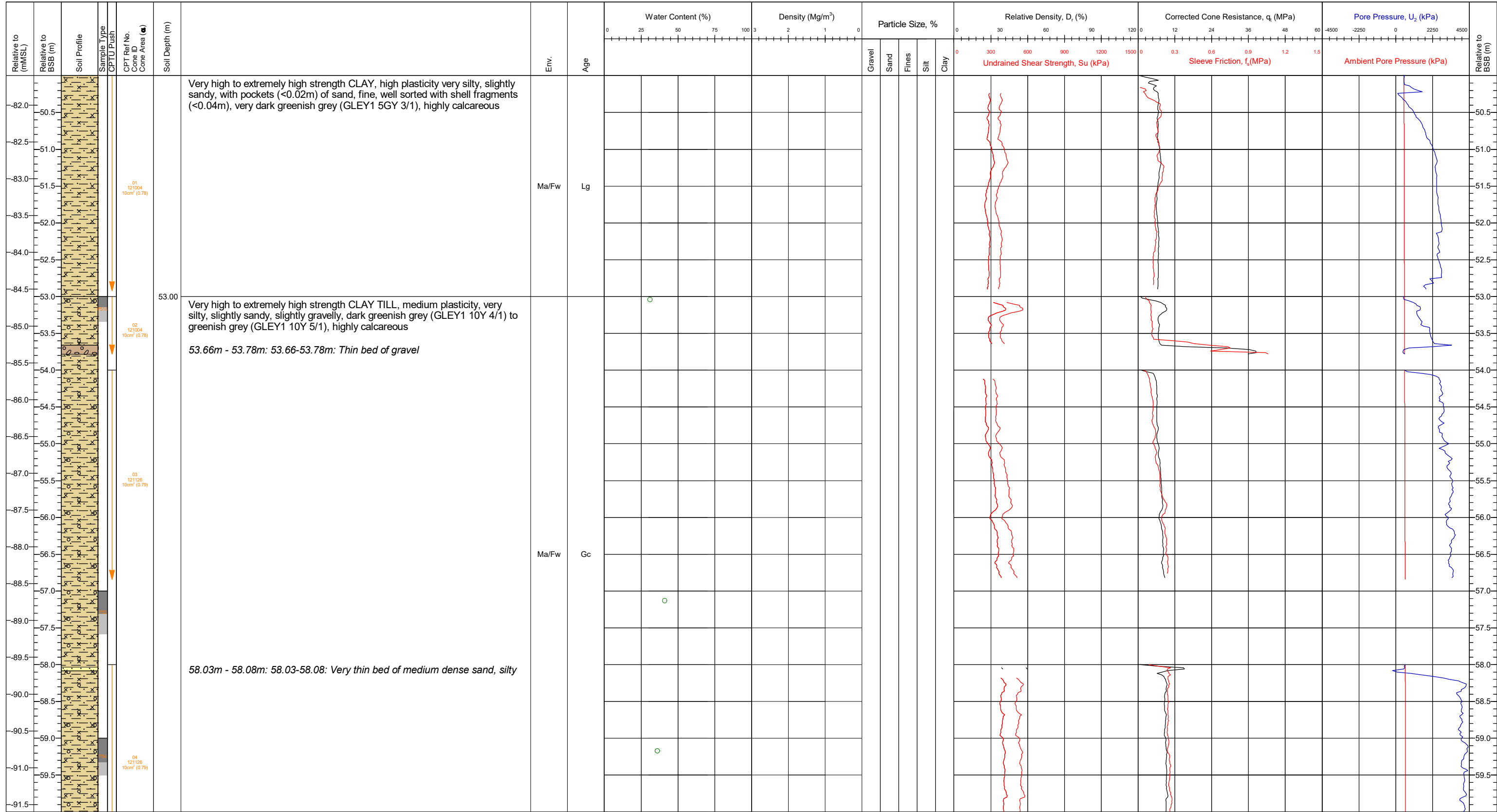


KEY TO SOIL PROFILE

	SILT		CLAY	Assumed Unit Weight: 20 - 16 kN/m ³ K _s : 0.5 - 2.0 N _{cr} : 15 - 20 N _{cr} : 12.5 - 16.5		SAND		GRAVEL		COBBLES		Mixed Soil		CHALK		PEAT
Area		Kattegat Sea			Coordinates		674182.0E		6265896.3N		CRS: ETRS89		QC Status		Location Names	
Contract		11596			Latitude / Longitude						Comments: Location data taken from OSS 1. OSS 1 out of class test terminated at 47.95m due to loss of communication with the cone. Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling-Wison CPT and push sampling methods.		Preliminary		OSS 1 OSS1-BH	
Client Name / Ref		Energinet Eltransmission A/S / 384_20_ENE		Water Depth (mMSL)		-31.6						Draft				
Vessel		MV Ocean Vantage		Date of Test (Start-End)								BC/JK (28/06/2021)		DR (28/06/2021)		
Method		20 kN Sea bed CPT		Final Borehole Depth		70.20m						SMC (10/11/2021)				
													Page: 5/8			

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



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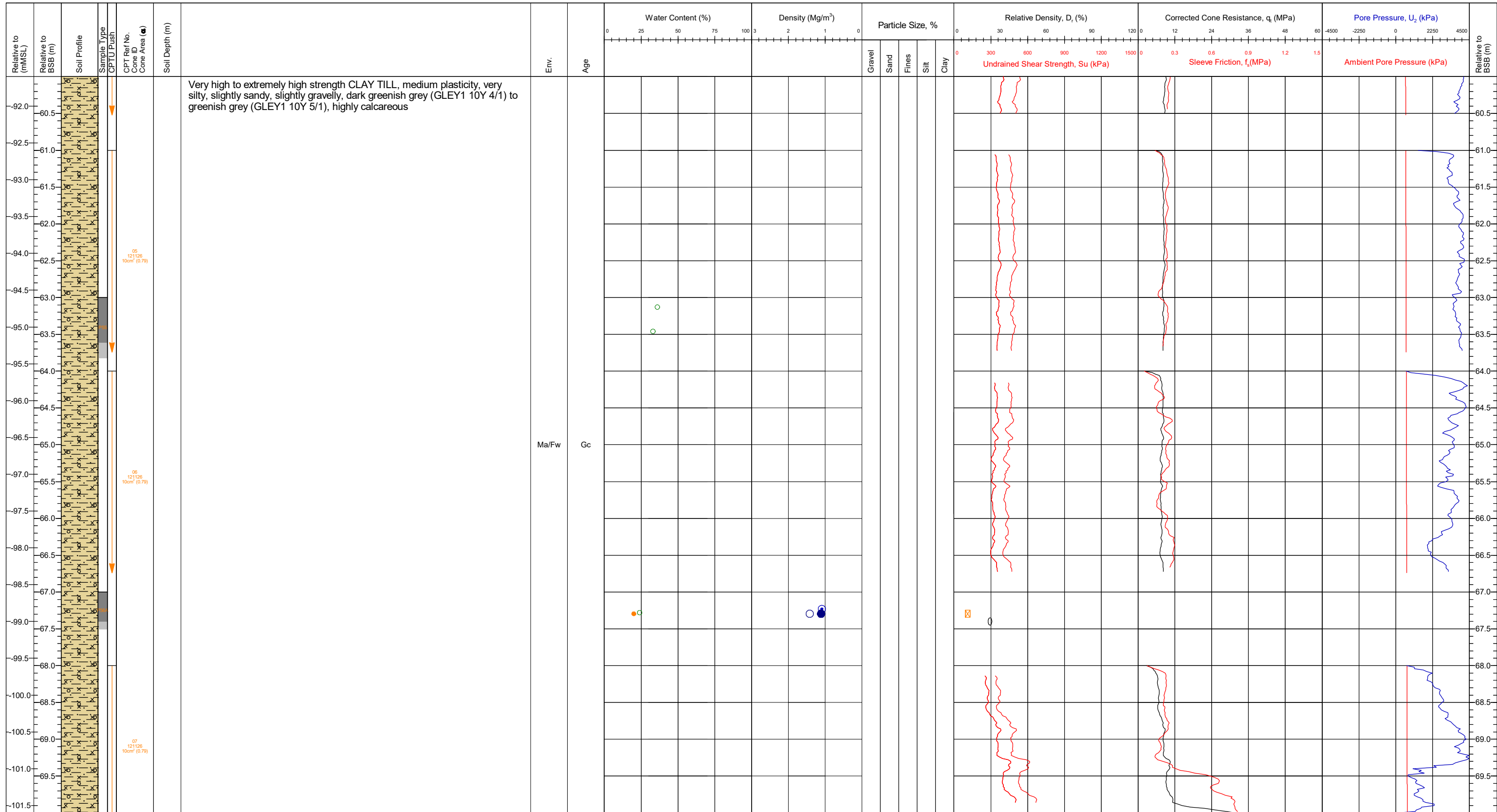
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_c: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names OSS1-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6	Comments: Location data taken from OSS 1. OSS 1 out of class test terminated at 47.95m due to loss of communication with the cone. Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling-Wison CPT and push sampling methods.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)
Method	Wison	Final Borehole Depth	70.20m	Page: 6/8		

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS: ETRS89	QC Status Preliminary Draft Final	Location Names OSS1-BH
Contract	11596	Latitude / Longitude				
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6	Comments: Location data taken from OSS 1. OSS 1 out of class test terminated at 47.95m due to loss of communication with the cone. Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling-Wison CPT and push sampling methods.		
Vessel	MV Ocean Vantage	Date of Test (Start-End)				
Method	Wison	Final Borehole Depth	70.20m	BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Sample Type CPTU Push	CPT Ref No. Cone ID Cone Area (cm²)	Soil Depth (m)	Env.	Age	Water Content (%)		Density (Mg/m³)		Particle Size, %					Relative Density, D _r (%)					Corrected Cone Resistance, q _c (MPa)					Pore Pressure, U _z (kPa)														
								Undrained Shear Strength, S _u (kPa)					Sleeve Friction, f _s (MPa)					Ambient Pore Pressure (kPa)																							
-102.0	70.5				70.20	Ma/Fw	Gc					Gravel: 1, Sand: 6, Fines: 93, Silt: 65, Clay: 28																													
-102.5	71.0																																								
-111.5	79.5																																								

Very high to extremely high strength CLAY TILL, medium plasticity, very silty, slightly sandy, slightly gravelly, dark greenish grey (GLEY1 10Y 4/1) to greenish grey (GLEY1 10Y 5/1), highly calcareous
End of borehole at 70.20m

KEY TO SOIL PROFILE

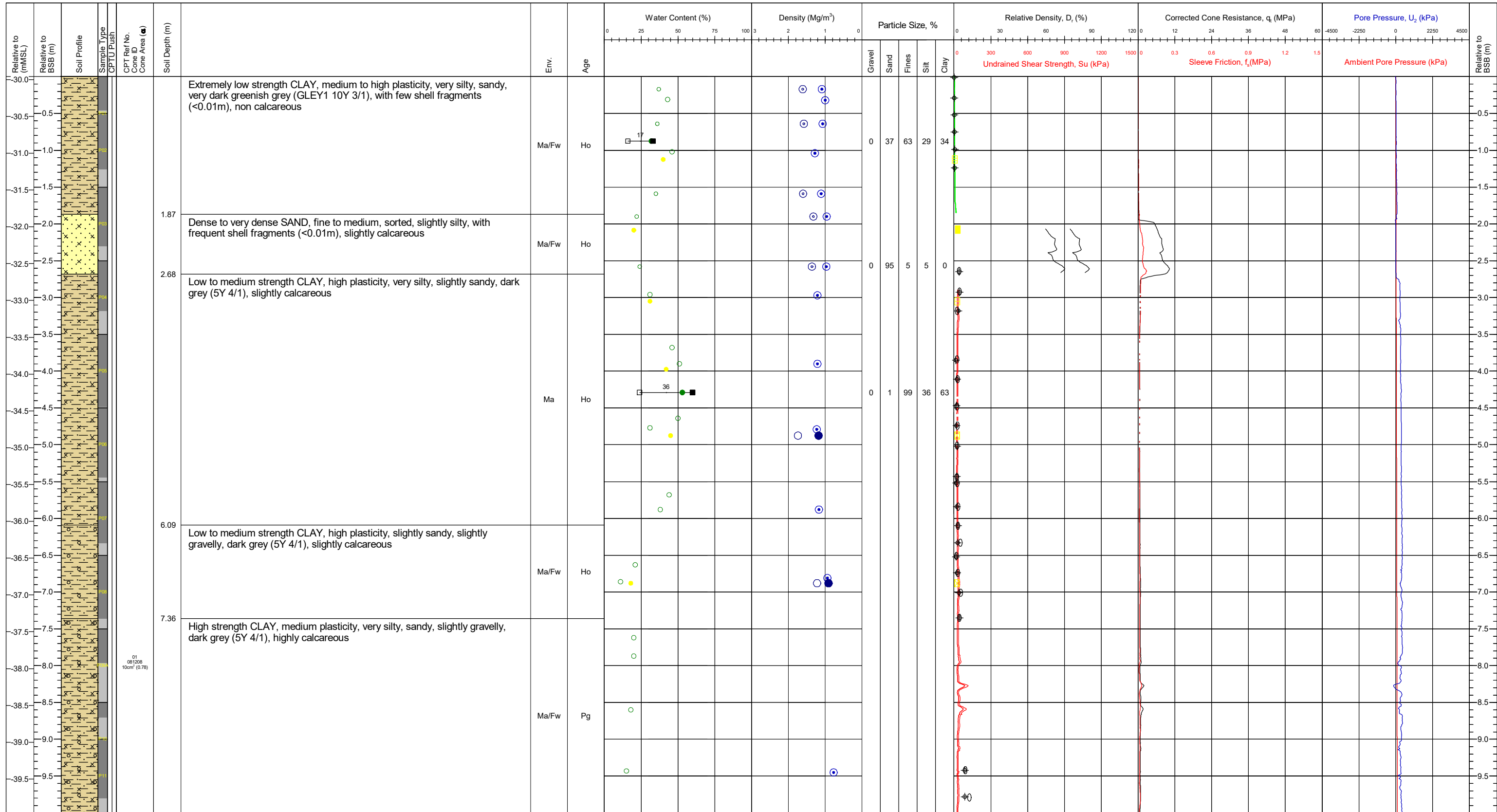
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
K_v: 0.5 - 2.0
N_{cr}: 15 - 20
N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674182.0E 6265896.3N	CRS: ETRS89	QC Status	Location Names		
Contract	11596	Latitude / Longitude		Comments: Location data taken from OSS 1. OSS 1 out of class test terminated at 47.95m due to loss of communication with the cone. Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling-Wison CPT and push sampling methods.	Preliminary	Draft	Final	OSS1-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-31.6		BC/JK (28/06/2021)	DR (28/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Page: 8/8			
Method	Wison	Final Borehole Depth	70.20m					

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

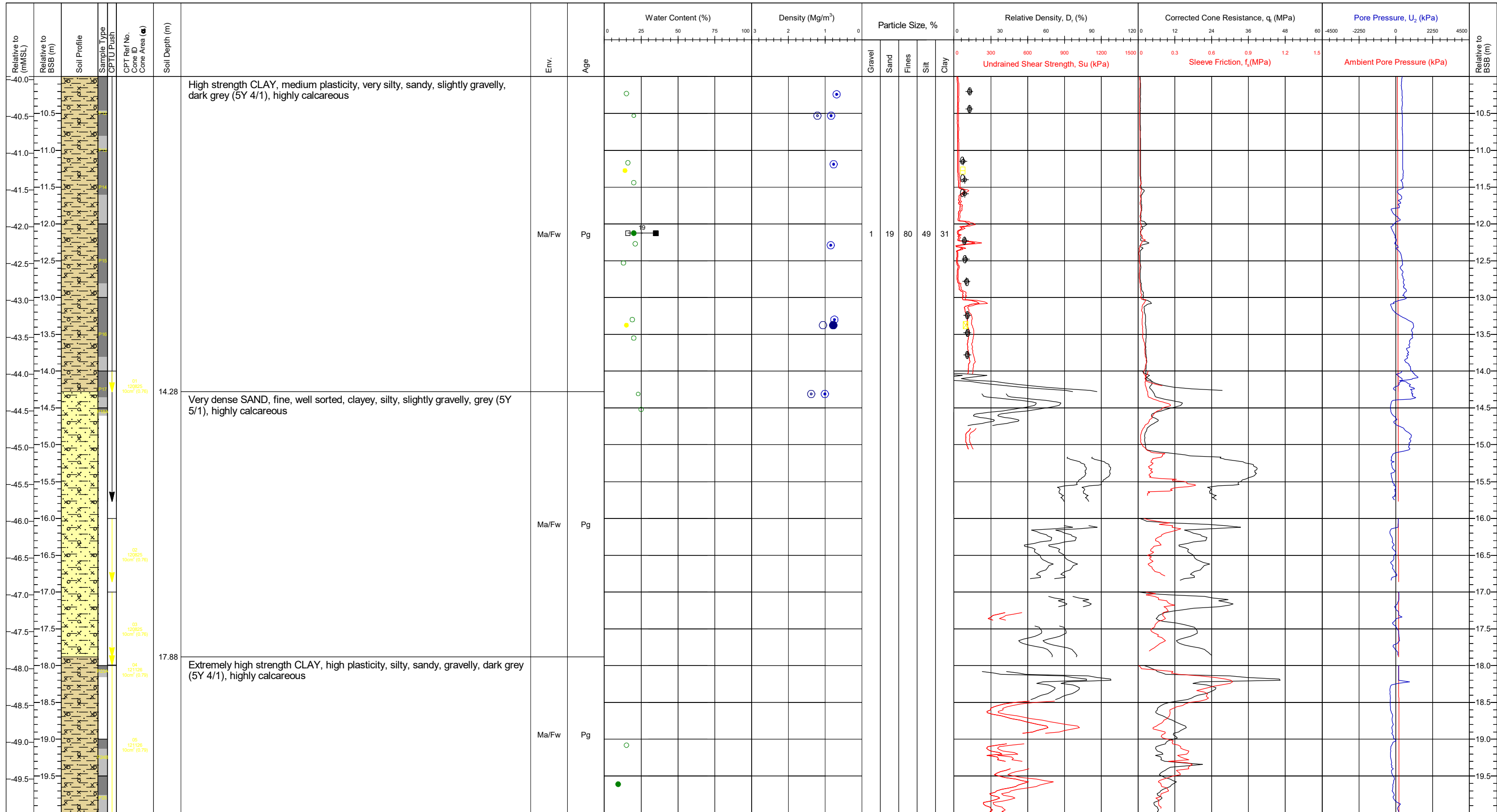
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674909.6E 6253669.9N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	OSS 2
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		Draft	OSS2-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)		Comments: Location data taken from OSS 2. OSS 2 class 1 test terminated at 15.84m at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands. Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.	Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	70.20m		BC/JK (28/06/2021)	DR (28/06/2021)
					SMc (10/11/2021)	Page: 1/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

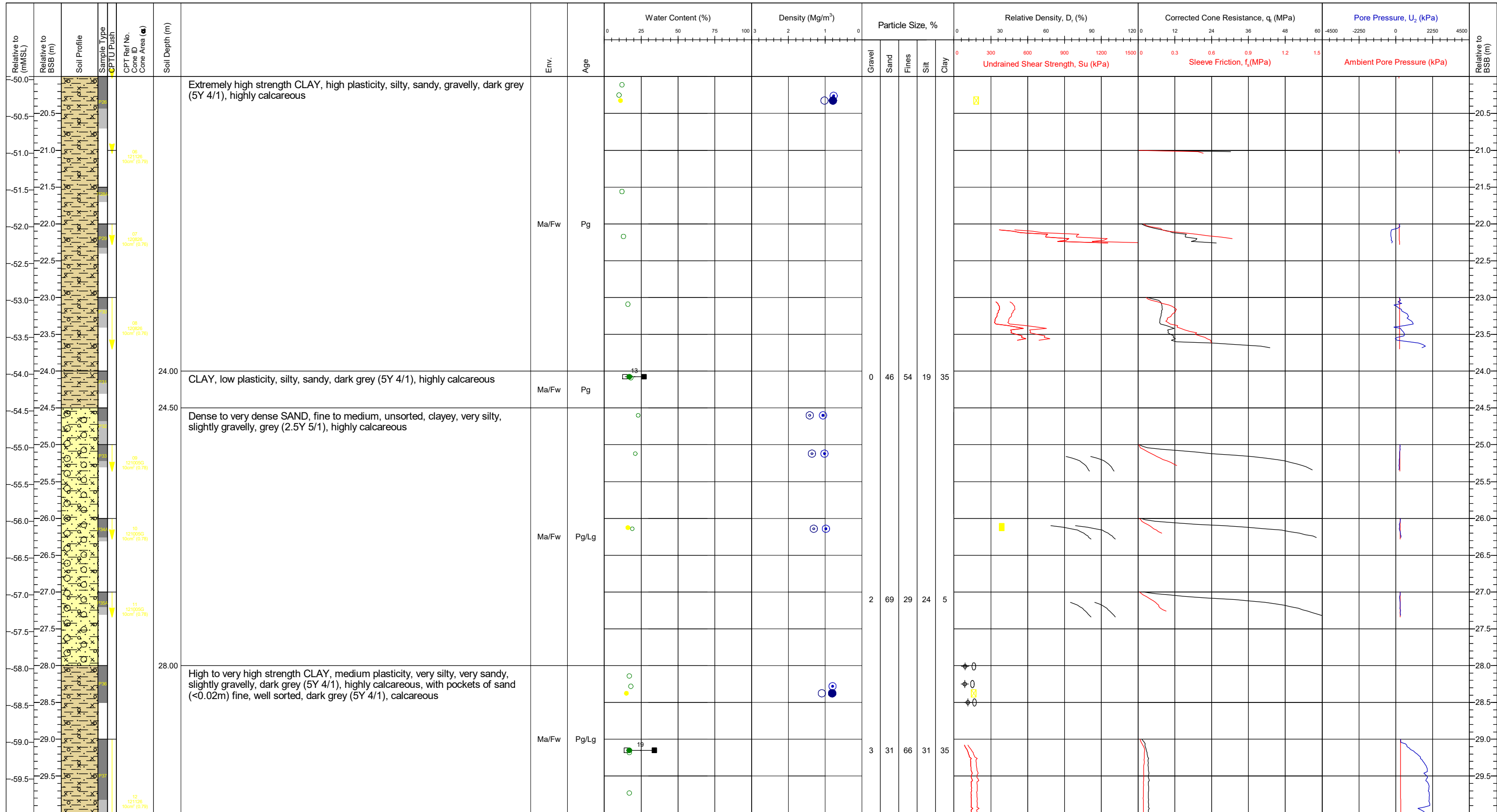
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674909.6E 6253669.9N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	OSS 2
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		Draft	OSS2-BH
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	20 kN Sea bed CPT	Final Borehole Depth	70.20m	Comments: Location data taken from OSS 2. OSS 2 class 1 test terminated at 15.84m at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands. Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.	BC/JK (28/06/2021)	DR (28/06/2021)
					SMc (10/11/2021)	Page: 2/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

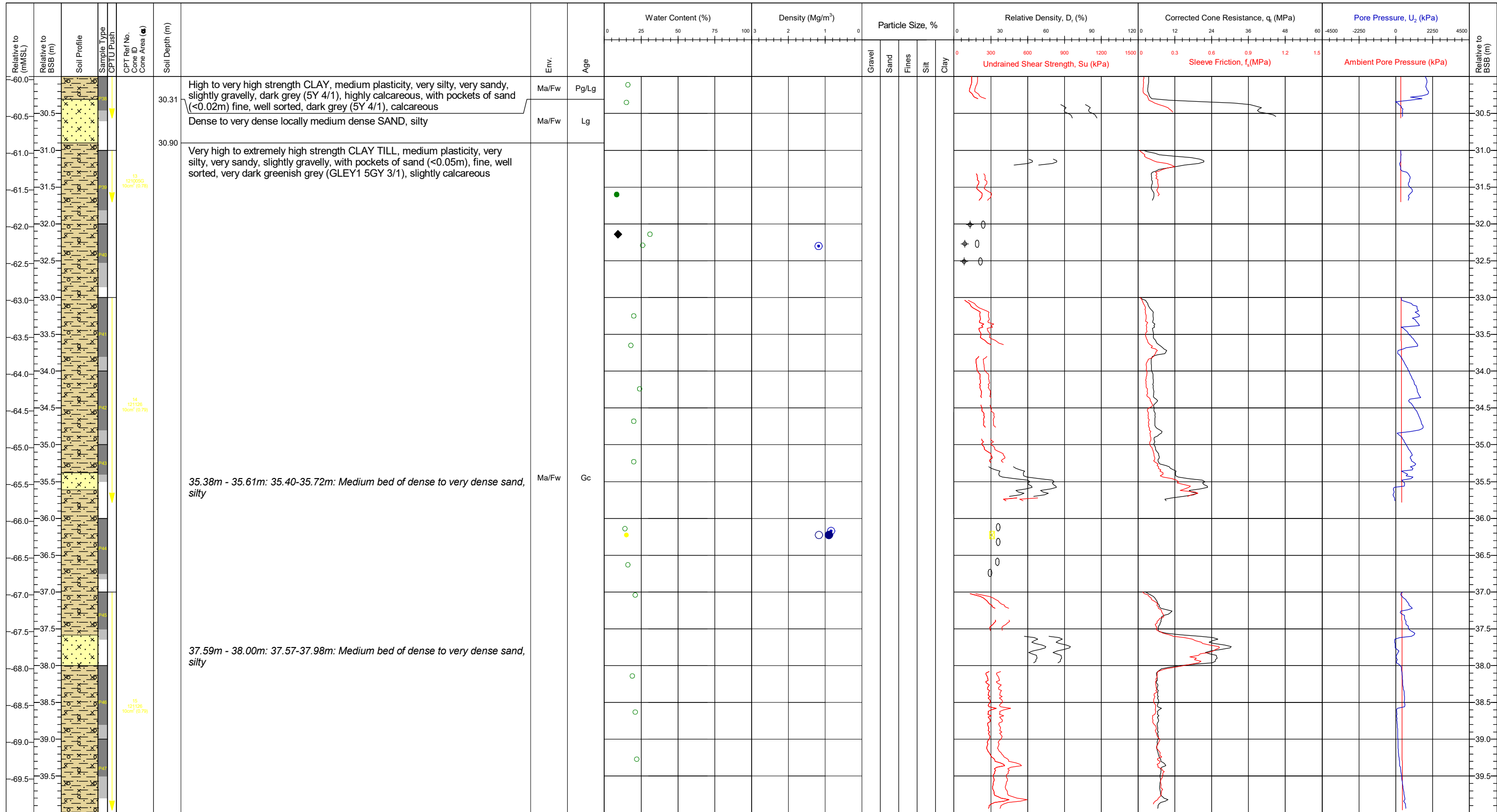
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674909.6E 6253669.9N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	OSS2-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wilson	Final Borehole Depth	70.20m		BC/JK (28/06/2021)	DR (28/06/2021)
			Comments: Location data taken from OSS 2. OSS 2 class 1 test terminated at 15.84m at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands. Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.		SMc (10/11/2021)	

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

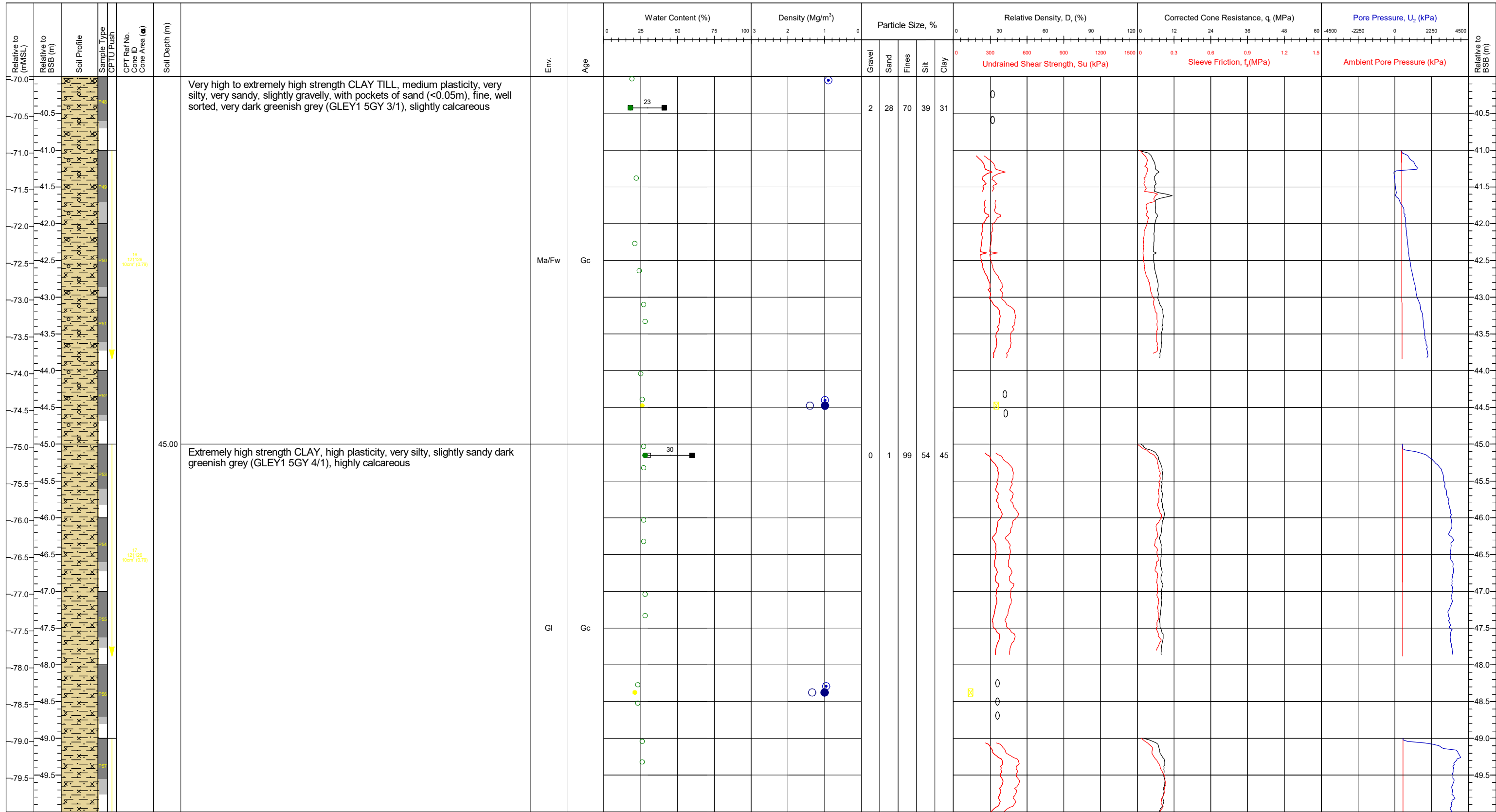


KEY TO SOIL PROFILE

<p>Assumed Unit Weight: 20 - 16 kN/m³</p> <p>K_v: 0.5 - 2.0</p> <p>N_{cr}: 15 - 20</p> <p>N_{cr}: 12.5 - 16.5</p>	<p>Area: Kattegat Sea</p> <p>Contract: 11596</p> <p>Client Name / Ref: Energinet Eltransmission A/S / 384_20_ENE</p> <p>Vessel: MV Ocean Vantage</p> <p>Method: Wilson</p>	<p>Coordinates: 674909.6E 6253669.9N</p> <p>CRS: ETRS89</p> <p>Latitude / Longitude: [Blank]</p> <p>Water Depth (mMSL): -30.0</p> <p>Date of Test (Start-End): [Blank]</p> <p>Final Borehole Depth: 70.20m</p>	<p>QC Status: Preliminary, Draft, Final</p> <p>Location Names: OSS2-BH</p> <p>Comments: Location data taken from OSS 2. OSS 2 class 1 test terminated at 15.84m at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands. Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.</p> <p>QC Status: BC/JK (28/06/2021), DR (28/06/2021), SMc (10/11/2021)</p>
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Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

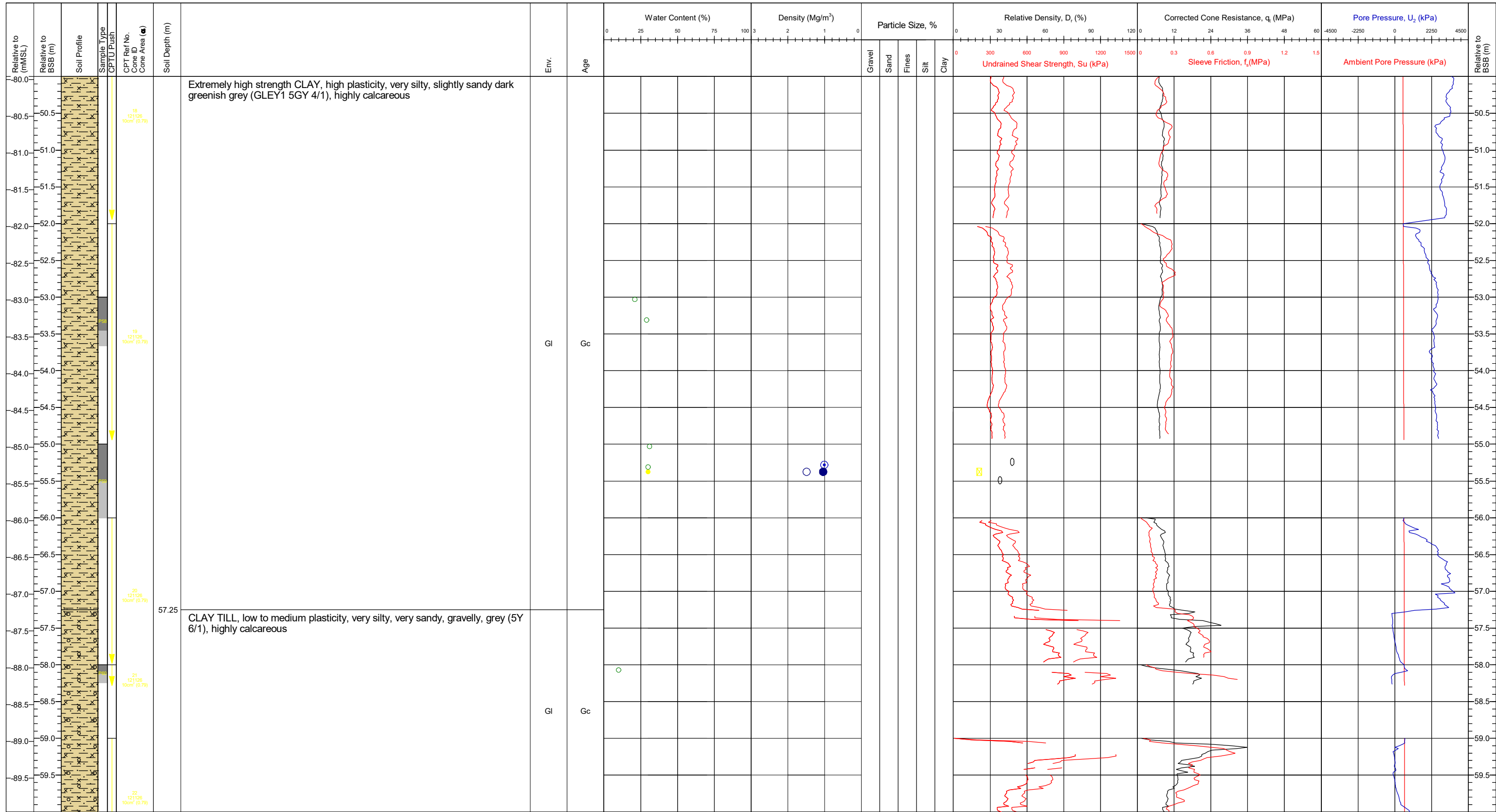
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674909.6E 6253669.9N	CRS: ETRS89	QC Status			Location Names
Contract	11596	Latitude / Longitude			Preliminary	Draft	Final	OSS2-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		Comments: Location data taken from OSS 2. OSS 2 class 1 test terminated at 15.84m at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands. Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.			
Vessel	MV Ocean Vantage	Date of Test (Start-End)			BC/JK	DR	SMc	
Method	Wison	Final Borehole Depth	70.20m		(28/06/2021)	(28/06/2021)	(10/11/2021)	Page: 5/8

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	Mixed Soil		COBBLES

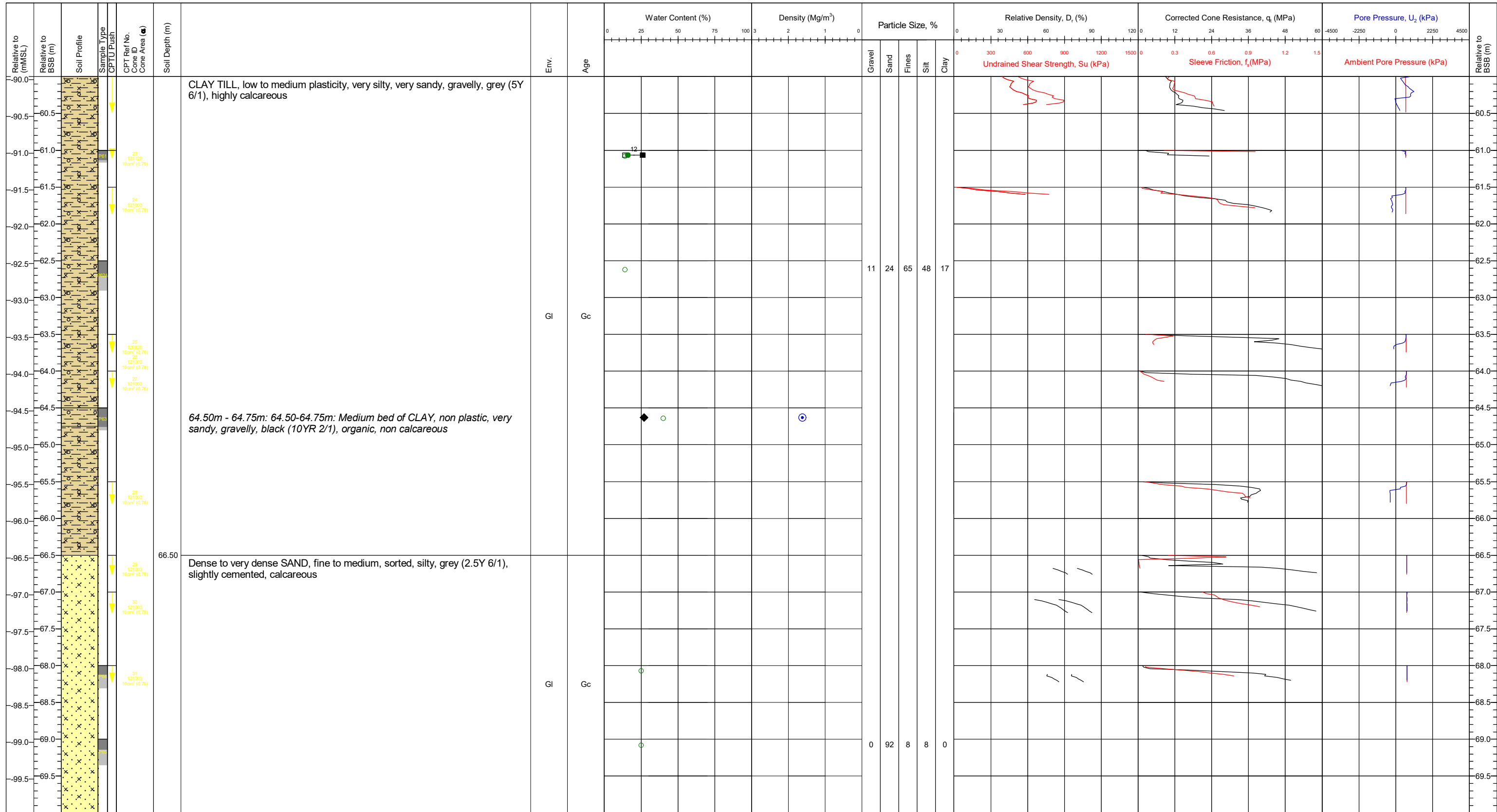
Assumed Unit Weight: 20 - 16 kN/m³
 K_v: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674909.6E 6253669.9N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	OSS2-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wilson	Final Borehole Depth	70.20m		BC/JK (28/06/2021)	
					DR (28/06/2021)	
					SMc (10/11/2021)	
						Page: 6/8

Comments: Location data taken from OSS 2. OSS 2 class 1 test terminated at 15.84m at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands. Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.

Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING



KEY TO SOIL PROFILE

	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s: 0.5 - 2.0
 N_{cr}: 15 - 20
 N_{cr}: 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674909.6E 6253669.9N	CRS: ETRS89	QC Status	Location Names
Contract	11596	Latitude / Longitude			Preliminary	OSS2-BH
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0		Draft	
Vessel	MV Ocean Vantage	Date of Test (Start-End)			Final	
Method	Wilson	Final Borehole Depth	70.20m		BC/JK (28/06/2021)	
			Comments: Location data taken from OSS 2. OSS 2 class 1 test terminated at 15.84m at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands. Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.		DR (28/06/2021)	SMc (10/11/2021)
						Page: 7/8



Preliminary Investigation, Hesselø OWF

BOREHOLE LOG, LABORATORY TEST RESULTS AND IN SITU CPTU TESTING

	Relative to (mMSL)	Relative to BSB (m)	Soil Profile	Sample Type	CPTU Push	CPT Ref No.	Cone ID	Cone Area (cm²)	Soil Depth (m)	Soil Depth (m)	Env.	Age	Water Content (%)					Density (Mg/m³)					Particle Size, %					Relative Density, D_r (%)					Corrected Cone Resistance, q_c (MPa)					Pore Pressure, U_z (kPa)					
													0 25 50 75 100 3					2 1					0 30 60 90 120					12 24 36 48 60					-4500 -2250 0 2250 4500										
													Gravel	Sand	Fines	Silt	Clay	0 300 600 900 1200 1500					0 0.3 0.6 0.9 1.2 1.5					0 0.3 0.6 0.9 1.2 1.5															
																		Undrained Shear Strength, S_u (kPa)					Sleeve Friction, f_s (MPa)					Ambient Pore Pressure (kPa)															
	-100.0	70.00	SILTSTONE, slightly indurated, black (5Y 2.5/1), non calcareous						70.00	70.08	Gl	Cl																															
	-100.5	70.5	End of borehole at 70.20m																																								
	-101.0	71.0																																									
	-101.5	71.5																																									
	-102.0	72.0																																									
	-102.5	72.5																																									
	-103.0	73.0																																									
	-103.5	73.5																																									
	-104.0	74.0																																									
	-104.5	74.5																																									
	-105.0	75.0																																									
	-105.5	75.5																																									
	-106.0	76.0																																									
	-106.5	76.5																																									
	-107.0	77.0																																									
	-107.5	77.5																																									
	-108.0	78.0																																									
	-108.5	78.5																																									
	-109.0	79.0																																									
	-109.5	79.5																																									

KEY TO SOIL PROFILE

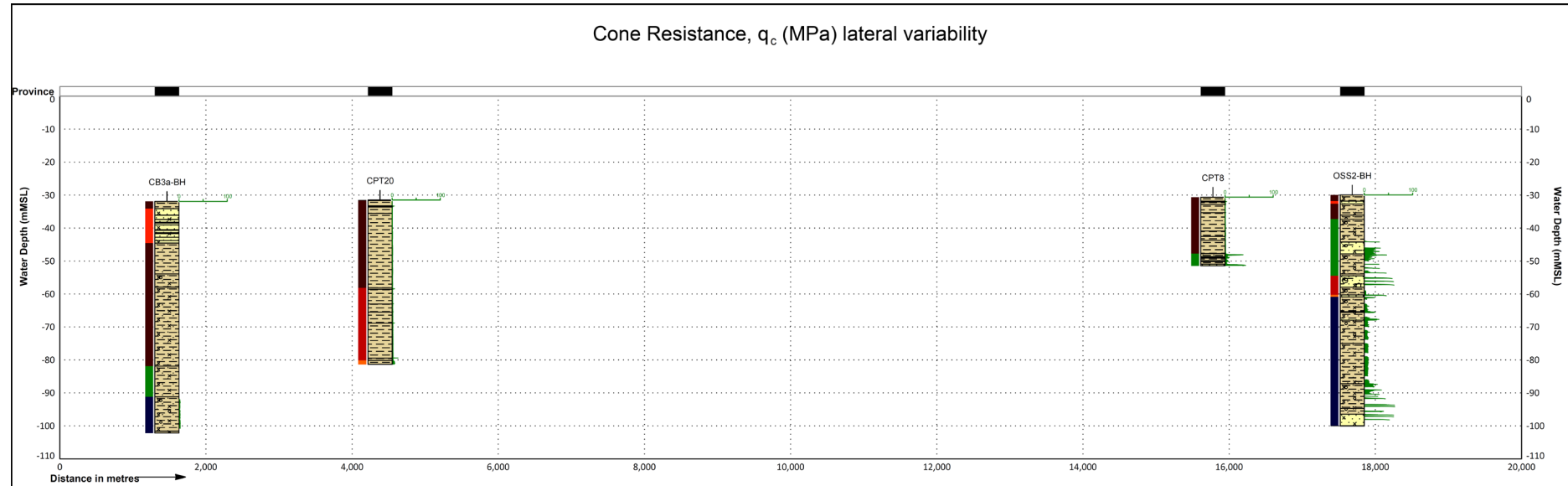
	SILT		CLAY
	SAND		GRAVEL
	CHALK		PEAT
	COBBLES		Mixed Soil

Assumed Unit Weight: 20 - 16 kN/m³
 K_s : 0.5 - 2.0
 N_{cr} : 15 - 20
 N_{cr} : 12.5 - 16.5

Area	Kattegat Sea	Coordinates	674909.6E 6253669.9N	CRS: ETRS89	Comments: Location data taken from OSS 2. OSS 2 class 1 test terminated at 15.84m at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands. Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.	QC Status			Location Names	
Contract	11596	Latitude / Longitude				Preliminary	Draft	Final	OSS2-BH	
Client Name / Ref	Energinet Eltransmission A/S / 384_20_ENE	Water Depth (mMSL)	-30.0							
Vessel	MV Ocean Vantage	Date of Test (Start-End)				BC/JK <small>(28/06/2021)</small>	DR <small>(28/06/2021)</small>	SMc <small>(10/11/2021)</small>		
Method	Wison	Final Borehole Depth	70.20m						Page: 8/8	


2.6 Geological Cross Section Logs

Cross Section 1: CB3a-BH-CPT20-CPT8-OSS2-BH



Legend:

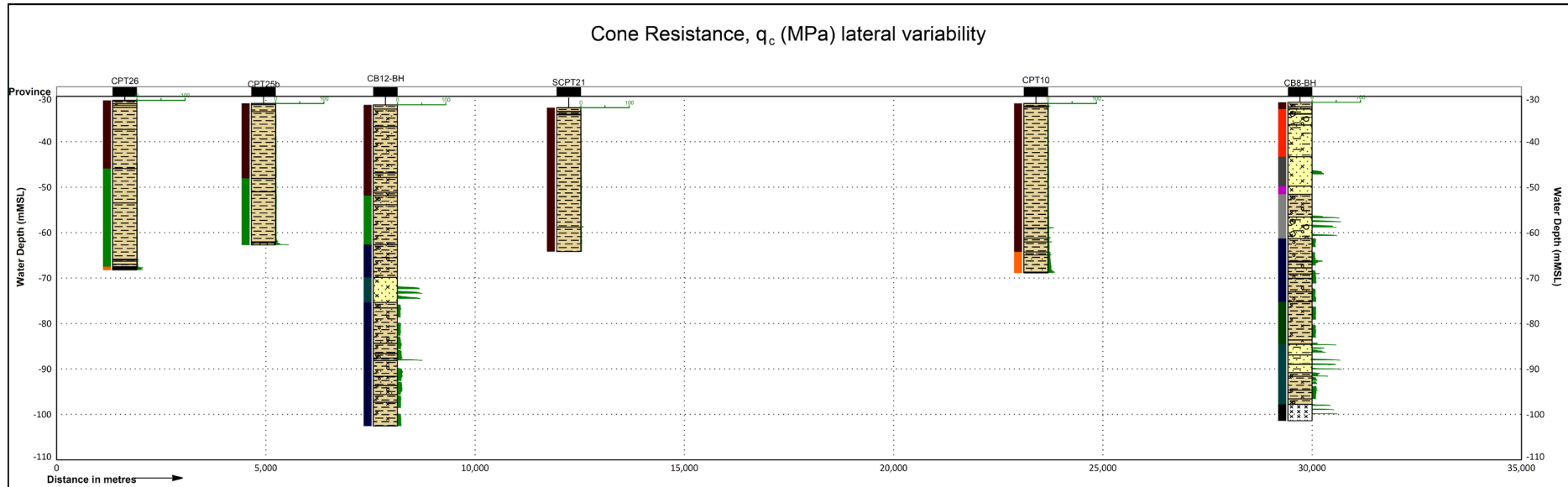
Soil parameters

 Cone Resistance, q_c (MPa) profile

Engineering Units


UNIT	DESCRIPTION
GC1	Glacial Deposit, Glacial
GC2	Glacial/Meltwater Deposit, Glacial
GC3	Glacial/Marine Deposit, Glacial
H1	Marine Deposit, Holocene
H2	Marine/Freshwater Deposit, Holocene
LG/GC1	Glacial/Marine Deposit, Late Glacial/Glacial
LG/GC2	Marine/Freshwater Deposit, Late Glacial/Glacial
LG1	Glacial Deposit, Late Glacial
LG2	Glacial/Marine Deposit, Late Glacial
LG3	Marine/Meltwater Deposit, Late Glacial
LG4	Marine Deposit, Late Glacial
LG5	Marine/Freshwater Deposit, Late Glacial
PG/LG	Marine/Freshwater Deposit, Post Glacial/Late Glacial
PG1	Glacial
PG2	Marine Deposit, Post Glacial
PQ	Marine/Freshwater Deposit, Post Glacial
PQ	Marine Deposit, Cretaceous

Cross Section 2: CPT26-CPT25b-CB12-BH-SCPT21-CPT10-CB8-BH



Legend:

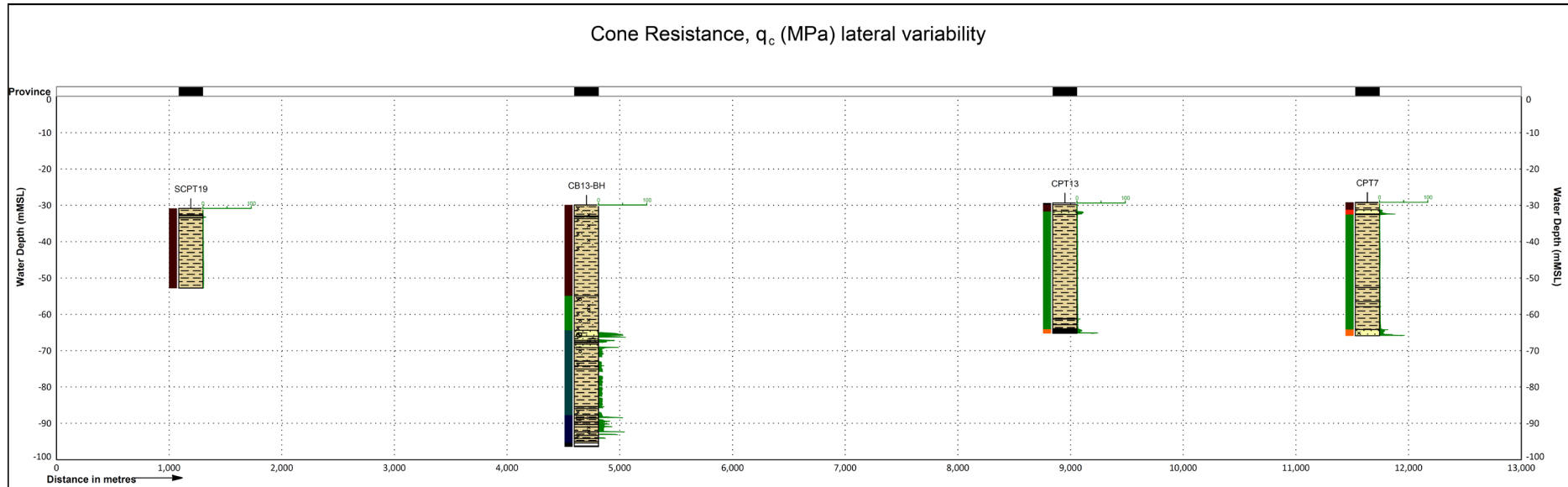
Soil parameters

 Cone Resistance, q_c (MPa) profile

Engineering Units

UNIT	DESCRIPTION
GC1	Glacial Deposit, Glacial
GC2	Glacial/Meltwater Deposit, Glacial
GC3	Glacial/Marine Deposit, Glacial
H1	Marine Deposit, Holocene
H2	Marine/Freshwater Deposit, Holocene
LG/GC1	Glacial/Marine Deposit, Late Glacial/Glacial
LG/GC2	Marine/Freshwater Deposit, Late Glacial/Glacial
LG1	Glacial Deposit, Late Glacial
LG2	Glacial/Marine Deposit, Late Glacial
LG3	Marine/Meltwater Deposit, Late Glacial
LG4	Marine Deposit, Late Glacial
LG5	Marine/Freshwater Deposit, Late Glacial
PG/LG	Marine/Freshwater Deposit, Post Glacial/Late
PG1	Glacial
PG2	Marine Deposit, Post Glacial
PQ	Marine/Freshwater Deposit, Post Glacial
	Marine Deposit, Cretaceous

Cross Section 3: SCPT19-CB13-BH-CPT13-CPT7



Legend:

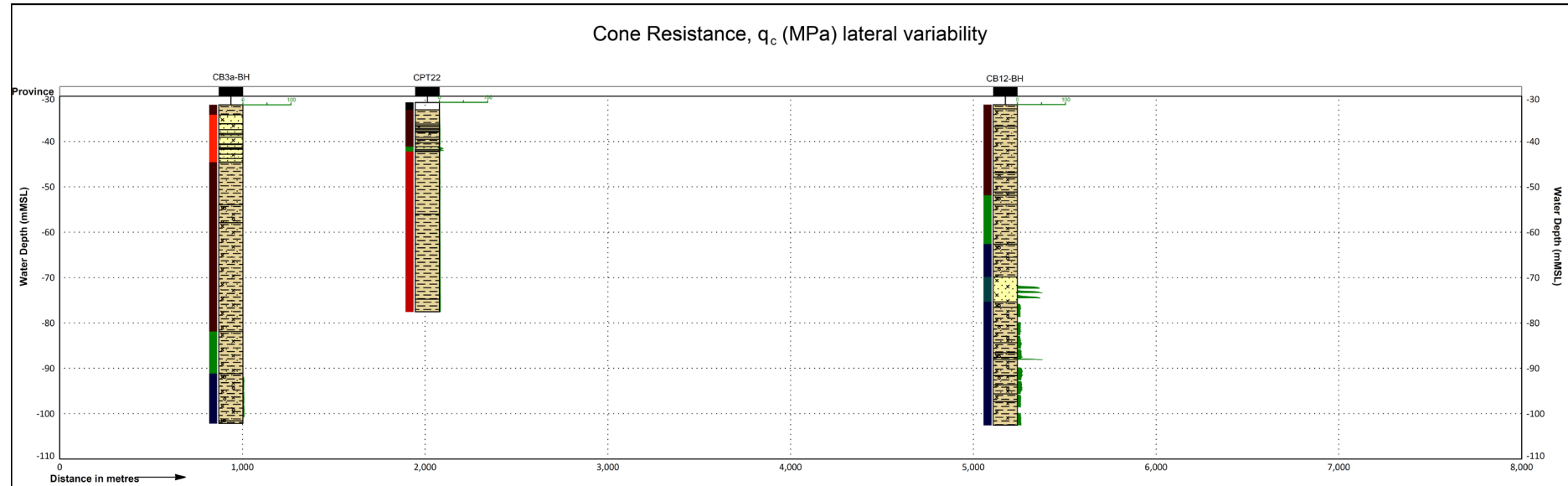
Soil parameters

Cone Resistance, q_c (MPa) profile

Engineering Units

UNIT	DESCRIPTION
GC1	Glacial Deposit, Glacial
GC2	Glacial/Meltwater Deposit, Glacial
GC3	Glacial/Marine Deposit, Glacial
H1	Marine Deposit, Holocene
H2	Marine/Freshwater Deposit, Holocene
LG/GC1	Glacial/Marine Deposit, Late Glacial/Glacial
LG/GC2	Marine/Freshwater Deposit, Late Glacial/Glacial
LG1	Glacial Deposit, Late Glacial
LG2	Glacial/Marine Deposit, Late Glacial
LG3	Marine/Meltwater Deposit, Late Glacial
LG4	Marine Deposit, Late Glacial
LG5	Marine/Freshwater Deposit, Late Glacial
PG/LG	Marine/Freshwater Deposit, Post Glacial/Late Glacial
PG1	Glacial
PG2	Marine Deposit, Post Glacial
PQ	Marine/Freshwater Deposit, Post Glacial
PQ	Marine Deposit, Cretaceous

Cross Section 4: CB3a-BH-CPT22-CB12-BH



Legend:

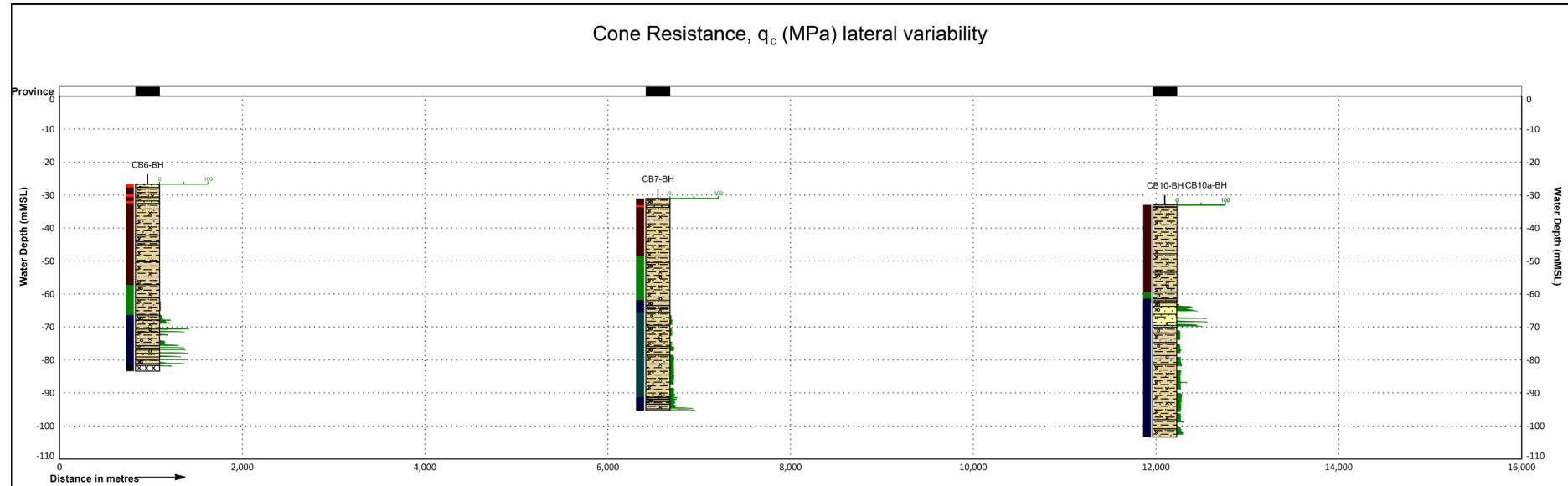
Soil parameters

Cone Resistance, q_c (MPa) profile

Engineering Units

UNIT	DESCRIPTION
	GC1 Glacial Deposit, Glacial
	GC2 Glacial/Meltwater Deposit, Glacial
	GC3 Glacial/Marine Deposit, Glacial
	H1 Marine Deposit, Holocene
	H2 Marine/Freshwater Deposit, Holocene
	LG/GC1 Glacial/Marine Deposit, Late Glacial/Glacial
	LG/GC2 Marine/Freshwater Deposit, Late Glacial/Glacial
	LG1 Glacial Deposit, Late Glacial
	LG2 Glacial/Marine Deposit, Late Glacial
	LG3 Marine/Meltwater Deposit, Late Glacial
	LG4 Marine Deposit, Late Glacial
	LG5 Marine/Freshwater Deposit, Late Glacial
	PG/LG Marine/Freshwater Deposit, Post Glacial/Late
	PG1 Glacial
	PG2 Marine Deposit, Post Glacial
	PQ Marine/Freshwater Deposit, Post Glacial
	PQ Marine Deposit, Cretaceous

Cross Section 5: CB6-BH—CB7-BH-CB10-BH-CB10a-BH



Legend:

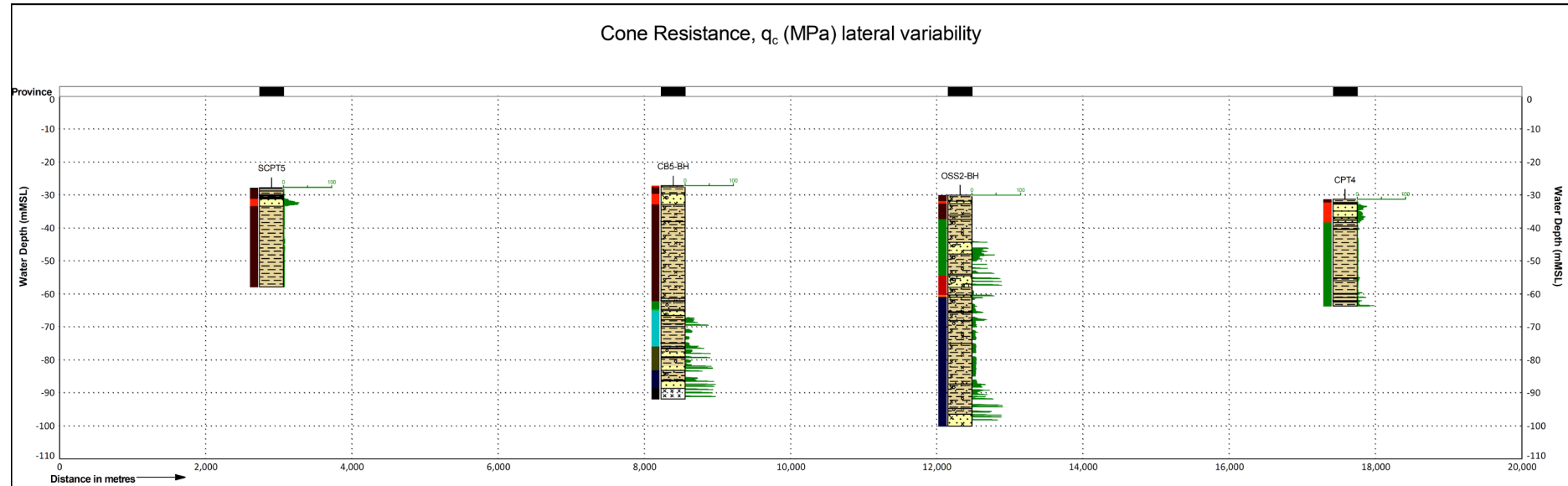
Soil parameters

Cone Resistance, q_c (MPa) profile

Engineering Units


UNIT	DESCRIPTION
	GC1 Glacial Deposit, Glacial
	GC2 Glacial/Meltwater Deposit, Glacial
	GC3 Glacial/Marine Deposit, Glacial
	H1 Marine Deposit, Holocene
	H2 Marine/Freshwater Deposit, Holocene
	LG/GC1 Glacial/Marine Deposit, Late Glacial/Glacial
	LG/GC2 Marine/Freshwater Deposit, Late Glacial/Glacial
	LG1 Glacial Deposit, Late Glacial
	LG2 Glacial/Marine Deposit, Late Glacial
	LG3 Marine/Meltwater Deposit, Late Glacial
	LG4 Marine Deposit, Late Glacial
	LG5 Marine/Freshwater Deposit, Late Glacial
	PG/LG Marine/Freshwater Deposit, Post Glacial/Late
	PG1 Glacial
	PG2 Marine Deposit, Post Glacial
	PQ Marine/Freshwater Deposit, Post Glacial
	PQ Marine Deposit, Cretaceous

Cross Section 6: SCPT5-CB5-BH-OSS2-BH-CPT4



Legend:

Soil parameters

 Cone Resistance, q_c (MPa) profile

Engineering Units

UNIT	DESCRIPTION
GC1	Glacial Deposit, Glacial
GC2	Glacial/Meltwater Deposit, Glacial
GC3	Glacial/Marine Deposit, Glacial
H1	Marine Deposit, Holocene
H2	Marine/Freshwater Deposit, Holocene
LG/GC1	Glacial/Marine Deposit, Late Glacial/Glacial
LG/GC2	Marine/Freshwater Deposit, Late Glacial/Glacial
LG1	Glacial Deposit, Late Glacial
LG2	Glacial/Marine Deposit, Late Glacial
LG3	Marine/Meltwater Deposit, Late Glacial
LG4	Marine Deposit, Late Glacial
LG5	Marine/Freshwater Deposit, Late Glacial
PG/LG	Marine/Freshwater Deposit, Post Glacial/Late Glacial
PG1	Glacial
PG2	Marine Deposit, Post Glacial
PQ	Marine/Freshwater Deposit, Post Glacial
PQ	Marine Deposit, Cretaceous

APPENDIX 3– DOWNHOLE CPTU DATA

3.1 Downhole CPTU Reference Reading Logs

3.2 Downhole CPTU Measured Logs

3.3 Downhole CPTU Derived Logs

3.4 Seabed CPTU Reference Reading Logs

3.5 Seabed CPTU Measured Logs

3.6 Seabed CPTU Derived Logs

3.1 Downhole CPTU Reference Reading Logs



**Preliminary Investigation - Hesselø OWF
11596**

ENERGINET

CPT Name	Cone Number	Cone Size (cm ²)	Alpha Factor	Zero on Deck			Zero Before Test			Zero After Test			Zero on Deck			Ending Test Comments
				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB3a-BH - CPT1	121126	10	0.79	- 0.98	0.015	- 63.4	- 0.21	0.015	908.8	- 0.20	0.013	906.9	- 1.00	0.014	- 67.9	
CB3a-BH - CPT2	121126	10	0.79	- 0.99	0.014	- 57.6	- 0.23	0.015	900.4	- 0.23	0.012	906.3	- 1.00	0.013	- 62.7	
CB3a-BH - CPT3	121126	10	0.79	- 1.10	0.014	- 67.4	- 0.31	0.015	920.3	- 0.32	0.012	913.6	- 1.09	0.014	- 68.6	
CB4-BH - CPT1	101017	10	0.78	1.34	0.015	70.6	1.87	0.016	749.0	1.81	0.012	648.3	1.34	0.013	64.1	
CB4-BH - CPT2	101017	10	0.78	1.35	0.013	69.6	1.81	0.015	665.5	1.75	- 0.120	657.1	1.32	- 0.121	66.1	
CB4-BH - CPT3	121126	10	0.79	- 1.23	0.013	- 68.8	- 0.73	0.013	594.2	- 0.72	0.012	578.6	- 1.21	0.014	- 68.4	
CB4-BH - CPT4	121126	10	0.79	- 1.19	0.015	- 67.8	- 0.64	0.016	670.0	- 0.62	0.013	661.0	- 1.16	0.015	- 71.0	
CB4-BH - CPT5	121126	10	0.79	- 1.20	0.015	- 69.0	- 0.66	0.014	643.7	- 0.64	0.012	637.2	- 1.17	0.013	- 65.1	
CB4-BH - CPT6	121126	10	0.79	- 1.16	0.013	- 66.6	- 0.58	0.014	721.6	- 0.64	0.014	652.3	- 1.13	0.013	- 64.8	
CB4-BH - CPT7	121126	10	0.79	- 1.17	0.013	- 67.9	- 0.57	0.014	755.1	- 0.58	0.014	621.9	- 1.19	0.013	- 60.5	
CB4-BH - CPT8	121126	10	0.79	- 1.18	0.013	- 66.3	- 0.51	0.013	801.1	- 0.60	0.013	737.0	- 1.19	0.012	- 70.6	
CB4-BH - CPT9	121126	10	0.79	- 1.18	0.013	- 67.2	- 0.51	0.012	818.9	- 0.52	0.015	778.6	- 1.18	0.012	- 66.4	
CB4-BH - CPT10	121126	10	0.79	- 1.18	0.012	- 67.9	- 0.50	0.012	845.0	- 0.51	0.017	798.7	- 1.21	0.012	- 68.7	
CB4-BH - CPT11	121126	10	0.79	- 1.20	0.012	- 67.4	- 0.47	0.012	893.0	- 0.54	0.015	807.5	- 1.21	0.013	- 67.5	
CB4-BH - CPT12	121126	10	0.79	- 1.20	0.013	- 67.0	- 0.44	0.012	926.5	- 0.52	0.014	857.7	- 1.20	0.013	- 67.4	
CB5-BH - CPT1	101017	10	0.78	1.17	0.014	109.8	2.23	0.016	760.3	2.23	0.011	506.5	1.18	0.011	100.3	
CB5-BH - CPT2	081213G	10	0.81	1.08	0.022	215.8	1.58	0.020	873.1	0.61	0.033	2730.6	0.37	0.042	408.0	

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CPT Name	Cone Number	Cone Size (cm ²)	Alpha Factor	Zero on Deck			Zero Before Test			Zero After Test			Zero on Deck			Ending Test Comments
				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB5-BH - CPT3	101017	10	0.78	1.02	0.011	64.4	1.58	0.014	782.8	1.57	0.012	776.4	1.03	0.012	66.6	
CB5-BH - CPT4	101017	10	0.78	1.03	0.011	69.1	1.60	0.013	785.4	1.42	0.012	631.5	0.99	0.012	69.5	
CB5-BH - CPT5	101017	10	0.78	1.00	0.012	70.0	1.57	0.014	812.3	1.52	0.013	741.5	1.00	0.012	74.5	
CB5-BH - CPT6	101017	10	0.78	1.01	0.013	73.2	1.59	0.016	830.1	1.57	0.012	460.9	0.98	0.012	71.2	
CB5-BH - CPT7	101017	10	0.78	1.00	0.012	75.9	1.60	0.014	854.2	1.59	0.012	508.4	0.99	0.012	69.6	
CB5-BH - CPT8	101017	10	0.78	0.99	0.012	72.3	1.66	0.016	880.7	1.62	0.011	864.2	1.01	0.012	70.3	
CB5-BH - CPT9	101017	10	0.78	1.01	0.012	71.4	1.61	0.013	876.1	1.61	0.013	866.2	0.99	0.012	68.6	
CB5-BH - CPT10	101017	10	0.78	1.03	0.014	71.8	1.65	0.012	880.0	1.60	0.013	833.8	0.99	0.014	70.6	
CB5-BH - CPT11	101017	10	0.78	0.99	0.013	77.1	1.64	0.013	889.3	1.63	0.012	861.7	1.00	0.013	74.1	
CB5-BH - CPT12	101017	10	0.78	1.01	0.014	70.7	1.65	0.012	903.9	1.70	0.011	867.2	1.08	0.013	70.0	
CB5-BH - CPT13	130102	10	0.74	1.47	- 0.053	- 17.1	2.10	- 0.053	820.4	2.12	- 0.055	818.5	1.46	- 0.053	- 20.9	
CB5-BH - CPT14	130102	10	0.74	1.64	- 0.059	12.4	2.36	- 0.067	841.9	2.35	- 0.072	822.4	1.65	- 0.062	12.6	
CB5-BH - CPT15	071102	10	0.76	1.36	0.048	- 12.9	2.07	0.044	866.2	2.09	0.044	870.9	1.42	0.046	- 12.8	
CB5-BH - CPT16	071102	10	0.76	1.52	0.037	- 8.7	2.11	0.042	890.4	2.12	0.042	890.5	1.53	0.037	- 6.4	
CB5-BH - CPT17	071102	10	0.76	1.33	0.066	- 12.1	1.95	0.017	861.3	1.98	0.027	865.5	1.36	0.031	- 5.8	
CB5-BH - CPT18	101017	10	0.78	1.05	0.013	97.4	1.71	0.016	955.5	1.73	0.011	945.6	1.03	0.012	92.8	
CB5-BH - CPT19	101017	10	0.78	1.03	0.012	62.3	1.70	0.013	966.2	1.73	0.011	961.3	1.02	0.012	58.5	

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				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB5-BH - CPT20	101017	10	0.78	1.01	0.013	69.2	1.72	0.013	985.8	1.80	0.012	978.8	1.08	0.013	68.6	
CB6-BH - CPT1	120826	10	0.76	0.35	0.009	40.5	0.76	0.014	678.3	0.80	0.007	634.3	0.38	0.007	39.9	
CB6-BH - CPT2	120826	10	0.76	0.36	0.007	39.4	0.85	0.007	712.2	0.78	0.007	41.7	0.28	0.007	54.7	
CB6-BH - CPT3	071102	10	0.76	1.57	0.067	- 4.8	2.09	0.067	702.4	2.11	0.066	691.9	1.55	0.067	- 3.9	
CB6-BH - CPT4	121003	10	0.78	1.32	0.047	96.1	1.86	0.049	805.6	1.87	0.045	797.4	1.29	0.047	90.6	
CB6-BH - CPT5	121003	10	0.78	1.29	0.046	91.2	1.81	0.048	770.4	1.90	0.045	747.4	1.32	0.047	91.0	
CB6-BH - CPT6	121003	10	0.78	1.30	0.047	90.6	1.84	0.049	818.3	1.79	0.045	699.6	1.33	0.047	89.5	
CB6-BH - CPT7	121003	10	0.78	1.32	0.047	91.6	1.87	0.048	830.0	1.90	0.049	827.3	1.33	0.048	89.4	
CB6-BH - CPT8	120826	10	0.76	0.28	0.007	39.3	0.80	0.009	798.6	0.83	0.007	87.6	0.28	0.007	34.8	
CB6-BH - CPT9	121003	10	0.78	1.34	0.046	90.6	1.89	0.047	853.7	1.91	0.046	848.5	1.34	0.047	89.5	
CB6-BH - CPT10	121003	10	0.78	1.33	0.047	89.1	1.88	0.047	853.7	1.89	0.049	836.1	1.32	0.048	90.3	
CB6-BH - CPT11	121003	10	0.78	1.33	0.047	88.4	1.88	0.048	869.6	1.90	0.046	860.2	1.32	0.047	89.2	
CB6-BH - CPT12	121003	10	0.78	1.30	0.046	88.3	1.88	0.047	874.6	1.92	0.046	851.0	1.33	0.047	89.7	
CB6-BH - CPT13	121126	10	0.79	- 1.19	0.015	- 71.9	- 0.56	0.016	711.0	- 0.42	0.014	117.0	- 1.01	0.013	- 71.1	
CB6-BH - CPT14	121005G	10	0.78	1.28	0.069	69.0	1.87	0.068	872.8	1.88	0.066	852.3	1.25	0.066	75.4	
CB6-BH - CPT15	121005G	10	0.78	1.27	0.067	69.6	1.88	0.065	887.1	1.76	0.066	874.4	1.22	0.066	71.7	
CB7-BH - CPT1	121005G	10	0.78	1.23	0.067	112.6	1.72	0.069	744.5	1.71	0.068	558.7	1.23	0.066	112.6	

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				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB7-BH - CPT2	121005G	10	0.78	1.20	0.067	75.7	1.78	0.068	787.8	1.77	0.067	471.0	1.22	0.066	82.8	
CB7-BH - CPT3	121004	10	0.78	1.53	0.079	79.1	2.14	0.079	836.9	2.12	0.079	796.9	1.51	0.077	82.0	
CB7-BH - CPT4	121004	10	0.78	1.51	0.077	81.8	2.17	0.079	879.1	2.17	0.082	794.1	1.50	0.077	80.6	
CB7-BH - CPT5	121004	10	0.78	1.53	0.078	105.6	2.18	0.079	903.1	2.17	0.081	794.1	1.55	0.078	115.0	
CB7-BH - CPT6	121004	10	0.78	1.50	0.077	80.1	2.21	0.079	940.4	2.20	0.078	847.3	1.53	0.079	86.6	
CB7-BH - CPT7	121004	10	0.78	1.51	0.078	81.2	2.24	0.079	984.6	2.24	0.081	806.8	1.52	0.080	85.2	
CB7-BH - CPT8	121004	10	0.78	1.51	0.079	86.9	2.24	0.077	1016.6	2.27	0.079	823.5	1.50	0.078	81.4	
CB7-BH - CPT9	121004	10	0.78	1.52	0.077	95.2	2.17	0.078	934.5	2.16	0.078	933.8	1.49	0.079	97.4	
CB7-BH - CPT10	121004	10	0.78	1.46	0.078	79.3	2.12	0.079	957.2	2.12	0.078	566.5	1.47	0.082	81.5	
CB8-BH - CPT1	120825	10	0.76	0.30	0.009	- 118.3	0.66	0.013	324.3	0.69	0.010	312.1	0.31	0.009	- 117.9	
CB8-BH - CPT2	120825	10	0.76	0.32	0.009	- 116.5	0.77	0.011	460.2	0.73	0.008	400.8	0.29	0.008	- 118.6	
CB8-BH - CPT3	120825	10	0.76	0.30	0.008	- 117.1	0.74	0.009	423.7	0.79	0.008	397.8	0.31	0.008	- 119.1	
CB8-BH - CPT4	120825	10	0.76	0.32	0.009	- 117.3	0.78	0.009	444.4	0.81	0.008	380.6	0.29	0.008	- 119.0	
CB8-BH - CPT5	120825	10	0.76	0.32	0.009	- 117.9	0.80	0.010	473.7	0.75	0.009	413.3	0.29	0.008	- 118.5	
CB8-BH - CPT6	120825	10	0.76	0.28	0.008	- 119.0	0.76	0.009	477.0	0.68	0.008	432.7	0.25	0.008	- 115.7	
CB8-BH - CPT7	120825	10	0.76	0.27	0.008	- 116.4	0.75	0.009	477.8	0.72	0.008	454.9	0.27	0.008	- 113.3	
CB8-BH - CPT8	121126	10	0.79	- 1.14	0.015	- 65.8	- 0.67	0.016	515.1	- 0.75	0.013	396.2	- 1.12	0.014	- 60.3	

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				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB8-BH - CPT9	121126	10	0.79	- 1.15	0.013	- 68.1	- 0.62	0.012	621.9	- 0.69	0.014	518.2	- 1.18	0.013	- 71.6	
CB8-BH - CPT10	121126	10	0.79	- 1.17	0.012	- 68.3	- 0.67	0.013	593.3	- 0.69	0.013	513.8	- 1.19	0.012	- 69.7	
CB8-BH - CPT11	121126	10	0.79	- 1.18	0.012	- 68.2	- 0.57	0.012	728.0	- 0.61	0.016	630.2	- 1.16	0.012	- 71.6	
CB8-BH - CPT12	121126	10	0.79	- 1.17	0.013	- 68.2	- 0.54	0.013	761.7	- 0.58	0.017	668.8	- 1.17	0.012	- 65.9	
CB8-BH - CPT13	121126	10	0.79	- 1.22	0.013	- 67.2	- 0.52	0.012	795.7	- 0.72	0.012	682.3	- 1.24	0.012	- 57.8	
CB8-BH - CPT14	120825	10	0.76	0.33	0.009	- 117.2	0.99	0.010	723.8	0.90	0.008	667.7	0.32	0.008	- 115.4	
CB8-BH - CPT15	120825	10	0.76	0.26	0.008	- 117.0	0.97	0.008	725.4	0.89	0.008	643.7	0.26	0.007	- 112.9	
CB8-BH - CPT16	120825	10	0.76	0.27	0.008	- 115.8	0.96	0.008	746.6	0.96	0.008	679.0	0.29	0.008	- 115.3	
CB8-BH - CPT17	120825	10	0.76	0.29	0.008	- 116.2	1.00	0.009	755.9	0.96	0.008	639.3	0.30	0.008	- 116.1	
CB8-BH - CPT18	120825	10	0.76	0.30	0.008	- 116.3	1.01	0.009	755.8	0.92	0.008	682.1	0.24	0.008	- 116.1	
CB8-BH - CPT19	120825	10	0.76	0.29	0.008	- 116.4	1.00	0.009	767.0	0.96	0.008	686.6	0.31	0.008	- 114.9	
CB8-BH - CPT20	120825	10	0.76	0.32	0.008	- 115.7	1.04	0.008	785.1	1.01	0.008	658.4	0.32	0.008	- 114.8	
CB8-BH - CPT21	120825	10	0.76	0.32	0.008	- 114.9	1.06	0.008	801.0	1.03	0.007	730.1	0.32	0.007	- 113.4	
CB8-BH - CPT22	121126	10	0.79	- 1.25	0.013	- 68.6	- 0.53	0.013	886.3	- 0.55	0.015	855.2	- 1.28	0.012	- 69.1	
CB8-BH - CPT23	121126	10	0.79	- 1.26	0.012	- 67.8	- 0.50	0.012	921.2	- 0.66	0.012	921.2	- 1.40	0.012	- 61.9	
CB8-BH - CPT24	120825	10	0.76	0.35	0.008	- 111.4	1.11	0.008	862.4	1.12	0.009	854.8	0.38	0.008	- 114.7	
CB8-BH - CPT25	120825	10	0.76	0.38	0.008	- 115.9	1.16	0.009	871.5	1.13	0.009	851.3	0.35	0.008	- 115.2	

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				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB9-BH - CPT1	120826	10	0.76	0.50	0.016	33.5	1.02	0.020	771.1	1.08	0.014	733.6	0.51	0.017	41.3	
CB9-BH - CPT2	120826	10	0.76	0.45	0.017	68.0	0.97	0.020	799.3	1.00	0.014	750.1	0.47	0.016	65.7	
CB9-BH - CPT3	120826	10	0.76	0.47	0.016	67.3	1.01	0.021	850.8	1.08	0.014	858.5	0.48	0.016	67.0	
CB9-BH - CPT4	120826	10	0.76	0.47	0.016	66.6	1.02	0.021	872.6	1.09	0.014	875.2	0.48	0.015	66.5	
CB9-BH - CPT5	120826	10	0.76	0.46	0.015	66.9	1.03	0.020	874.3	1.05	0.014	869.4	0.46	0.015	62.1	
CB9-BH - CPT6	121005G	10	0.78	1.31	0.072	65.9	1.97	0.069	939.1	1.95	0.069	930.0	1.28	0.071	69.0	
CB9-BH - CPT7	121005G	10	0.78	1.26	0.070	71.7	1.88	0.068	903.8	1.84	0.068	911.2	1.26	0.072	69.0	
CB9-BH - CPT8	120826	10	0.76	0.46	0.015	43.8	1.15	0.021	964.8	1.12	0.015	956.7	0.50	0.016	49.2	
CB9-BH - CPT9	120826	10	0.76	0.51	0.016	66.7	1.42	0.020	1004.2	1.21	0.014	983.1	0.51	0.013	72.3	
CB9-BH - CPT10	121005G	10	0.78	1.22	0.070	66.9	1.94	0.068	1046.0	1.95	0.071	1024.8	1.22	0.069	77.4	
CB9-BH - CPT11	121005G	10	0.78	1.24	0.070	67.2	1.98	0.068	1039.7	1.94	0.069	1028.4	1.23	0.070	70.8	
CB9-BH - CPT12	120826	10	0.76	0.53	0.014	29.0	1.34	0.020	1048.8	1.25	0.014	881.5	0.53	0.014	25.3	
CB10a-BH - CPT1	121005G	10	0.78	1.31	0.070	96.6	1.81	0.071	725.6	1.81	0.069	631.1	1.34	0.068	88.2	
CB10a-BH - CPT2	121004	10	0.78	1.58	0.084	76.6	2.10	0.082	764.9	2.10	0.082	750.8	1.57	0.082	88.6	
CB10a-BH - CPT3	121004	10	0.78	1.58	0.081	77.1	2.11	0.081	774.9	2.09	0.080	754.4	1.56	0.084	95.6	
CB10a-BH - CPT4	121004	10	0.78	1.57	0.079	77.0	2.10	0.079	782.7	2.14	0.080	420.3	1.58	0.080	83.2	
CB10a-BH - CPT5	121005G	10	0.78	1.36	0.069	70.9	1.88	0.070	791.2	1.93	0.075	770.1	1.39	0.070	80.6	

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				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB10a-BH - CPT6	121005G	10	0.78	1.37	0.069	70.2	1.93	0.070	835.1	1.88	0.071	770.0	1.37	0.069	83.5	
CB10a-BH - CPT7	121005G	10	0.78	1.40	0.069	108.4	1.94	0.070	798.3	1.94	0.073	739.5	1.41	0.069	105.8	
CB10a-BH - CPT8	121005G	10	0.78	1.40	0.069	108.8	1.95	0.069	791.9	1.96	0.069	690.4	1.40	0.070	102.2	
CB10a-BH - CPT9	121005G	10	0.78	1.39	0.070	108.4	2.00	0.074	964.7	2.05	0.070	523.3	1.41	0.070	99.3	
CB10a-BH - CPT10	121005G	10	0.78	1.41	0.069	108.5	1.98	0.074	905.1	1.97	0.071	774.9	1.43	0.071	103.3	
CB10a-BH - CPT11	121005G	10	0.78	1.42	0.070	108.6	2.08	0.078	1016.0	2.09	0.076	796.0	1.41	0.071	104.2	
CB10a-BH - CPT12	121005G	10	0.78	1.39	0.070	106.3	2.08	0.071	1025.1	2.12	0.071	873.5	1.40	0.070	101.7	
CB10a-BH - CPT13	121005G	10	0.78	1.37	0.071	76.5	2.12	0.072	1079.9	2.14	0.071	521.3	1.39	0.074	70.5	
CB11-BH - CPT1	120826	10	0.76	0.20	0.001	80.1	0.58	0.003	587.5	0.58	0.000	596.2	0.19	0.001	75.9	
CB11-BH - CPT2	120826	10	0.76	0.20	0.001	79.5	0.61	0.001	627.1	0.47	0.000	463.8	0.20	0.001	79.5	
CB11-BH - CPT3	120826	10	0.76	0.17	0.001	39.8	0.63	0.000	656.5	0.58	0.000	612.3	0.14	0.000	37.3	
CB11-BH - CPT4	120826	10	0.76	0.16	0.000	39.4	0.66	0.000	699.9	0.61	0.001	649.5	0.18	0.000	46.7	
CB11-BH - CPT5	120826	10	0.76	0.22	0.001	52.6	0.72	0.000	731.8	0.37	0.001	423.7	0.18	0.000	59.2	
CB11-BH - CPT6	120826	10	0.76	0.19	0.000	40.6	0.74	0.001	788.3	0.67	0.002	749.4	0.16	0.000	46.0	
CB11-BH - CPT7	120826	10	0.76	0.18	0.001	39.9	0.82	0.000	895.4	0.76	0.002	848.7	0.17	0.000	43.5	
CB11-BH - CPT8	120826	10	0.76	0.21	0.001	77.8	0.85	0.000	928.5	0.70	0.001	690.6	0.18	0.000	68.3	
CB11-BH - CPT9	120826	10	0.76	0.20	0.001	79.2	0.85	0.001	932.9	0.60	0.001	555.8	0.18	0.001	71.4	

CPTU CONE OFFSETS



**Preliminary Investigation - Hesselø OWF
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ENERGINET

CPT Name	Cone Number	Cone Size (cm ²)	Alpha Factor	Zero on Deck			Zero Before Test			Zero After Test			Zero on Deck			Ending Test Comments
				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB11-BH - CPT10	120826	10	0.76	0.18	0.001	77.8	0.85	0.003	992.2	0.00	0.000	0.0	0.00	0.000	0.0	
CB11a-BH - CPT1	120825	10	0.76	0.39	0.012	- 115.9	1.05	0.010	737.0	0.95	0.008	679.7	0.86	0.011	- 120.5	
CB11a-BH - CPT2	121125	10	0.80	0.51	0.011	32.7	1.24	0.012	933.4	1.22	0.009	923.7	0.50	0.011	62.8	
CB11a-BH - CPT3	121125	10	0.80	0.48	0.011	40.8	1.25	0.012	975.9	0.93	0.009	956.2	0.19	0.010	30.7	
CB11a-BH - CPT4	120826	10	0.76	0.24	0.002	42.9	0.89	0.001	924.3	0.87	0.002	981.9	0.22	0.003	41.5	
CB11a-BH - CPT5	120826	10	0.76	0.21	0.003	38.7	0.90	0.003	986.3	0.84	0.002	981.8	0.18	0.005	37.9	
CB12-BH - CPT1	121005G	10	0.78	1.27	0.070	72.5	1.86	0.072	814.0	1.86	0.070	750.1	1.30	0.070	80.8	
CB12-BH - CPT2	121005G	10	0.78	1.29	0.069	74.3	1.91	0.070	817.7	1.83	0.069	759.1	1.28	0.069	84.1	
CB12-BH - CPT3	121004	10	0.78	1.59	0.088	77.9	2.17	0.094	844.6	2.13	0.084	809.8	1.56	0.083	79.4	
CB12-BH - CPT4	121005G	10	0.78	1.28	0.070	80.1	1.91	0.072	846.4	1.84	0.071	830.8	1.26	0.069	85.6	
CB12-BH - CPT5	121005G	10	0.78	1.25	0.069	73.1	1.91	0.070	878.0	1.82	0.074	796.9	1.26	0.070	74.1	
CB12-BH - CPT6	121005G	10	0.78	1.25	0.069	73.1	1.91	0.069	914.4	1.86	0.070	883.8	1.25	0.069	73.6	
CB12-BH - CPT7	121005G	10	0.78	1.25	0.069	77.5	1.93	0.069	919.6	1.92	0.069	753.4	1.27	0.071	72.8	
CB12-BH - CPT8	121005G	10	0.78	1.29	0.070	70.8	1.99	0.069	964.0	1.99	0.074	965.7	1.30	0.072	78.2	
CB12-BH - CPT9	121005G	10	0.78	1.27	0.069	79.5	2.04	0.069	1007.0	2.04	0.070	531.0	1.28	0.069	77.2	
CB12-BH - CPT10	121005G	10	0.78	1.29	0.069	76.6	2.02	0.069	1012.6	1.98	0.070	1004.4	1.26	0.070	83.0	
CB12-BH - CPT11	121005G	10	0.78	1.30	0.069	111.6	2.06	0.069	1070.2	2.03	0.071	1054.9	1.32	0.070	108.5	

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ENERGINET

CPT Name	Cone Number	Cone Size (cm ²)	Alpha Factor	Zero on Deck			Zero Before Test			Zero After Test			Zero on Deck			Ending Test Comments
				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB13-BH - CPT1	101017	10	0.78	1.20	0.014	63.5	1.73	0.015	725.9	1.78	0.013	683.6	1.19	0.014	60.7	
CB13-BH - CPT2	101017	10	0.78	1.17	0.014	65.6	1.73	0.016	747.8	1.73	0.012	728.1	1.16	0.013	61.3	
CB13-BH - CPT3	101017	10	0.78	1.04	0.014	63.9	1.61	0.013	712.4	1.58	0.012	715.3	1.05	0.013	64.3	
CB13-BH - CPT4	101017	10	0.78	1.04	0.014	61.4	1.56	0.013	716.0	1.60	0.013	712.1	1.06	0.012	67.1	
CB13-BH - CPT5	101017	10	0.78	1.27	0.014	94.7	1.86	0.014	776.6	1.83	0.013	569.1	1.27	0.012	93.5	
CB13-BH - CPT6	101017	10	0.78	1.25	0.013	100.7	1.80	0.012	801.9	1.80	0.013	797.6	1.25	0.012	97.6	
CB13-BH - CPT7	101017	10	0.78	1.25	0.013	98.4	1.82	0.013	804.3	1.84	0.012	807.0	1.27	0.012	91.5	
CB13-BH - CPT8	101017	10	0.78	1.35	0.013	71.5	1.88	0.013	782.0	1.82	0.012	789.2	1.27	0.012	64.1	
CB13-BH - CPT9	101017	10	0.78	1.27	0.014	64.9	1.93	0.012	908.4	1.92	0.013	893.5	1.25	0.012	69.3	
CB13-BH - CPT10	101017	10	0.78	1.22	0.012	68.0	1.81	0.013	800.0	1.88	0.011	335.8	1.23	0.012	69.7	
CB13-BH - CPT11	101017	10	0.78	1.25	0.013	69.1	1.92	0.015	897.5	1.89	0.011	391.7	1.25	0.014	65.0	
CB13-BH - CPT12	101017	10	0.78	1.24	0.014	65.3	1.95	0.012	1000.1	1.95	0.012	308.5	1.27	0.014	65.2	
CB13-BH - CPT13	101017	10	0.78	1.26	0.013	65.3	1.96	0.012	994.4	2.01	0.013	993.9	1.27	0.013	65.8	
CB13-BH - CPT14	101017	10	0.78	1.29	0.013	101.8	2.00	0.012	1014.3	1.93	0.012	124.2	1.26	0.013	92.6	
CB14-BH - CPT1	121126	10	0.79	- 1.20	0.014	- 65.8	- 0.75	0.016	472.6	- 1.05	0.012	359.3	- 1.11	0.012	- 50.9	
CB14-BH - CPT2	121126	10	0.79	- 1.30	0.012	- 32.8	- 0.90	0.012	486.4	- 0.99	0.012	443.9	- 1.33	0.012	- 32.7	
CB14-BH - CPT3	120826	10	0.76	0.19	0.002	81.3	0.64	0.003	665.4	0.60	0.000	603.2	0.19	0.001	80.7	

CPTU CONE OFFSETS



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ENERGINET

CPT Name	Cone Number	Cone Size (cm ²)	Alpha Factor	Zero on Deck			Zero Before Test			Zero After Test			Zero on Deck			Ending Test Comments
				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB14-BH - CPT4	120826	10	0.76	0.19	0.002	81.2	0.68	0.002	728.4	0.62	0.000	641.1	0.18	0.001	75.8	
CB14-BH - CPT5	120826	10	0.76	0.19	0.002	81.0	0.71	0.002	768.8	0.70	0.001	714.0	0.17	0.001	75.2	
CB14-BH - CPT6	120826	10	0.76	0.18	0.002	80.3	0.70	0.002	753.6	0.62	0.002	742.6	0.17	0.001	73.3	
CB14-BH - CPT7	120826	10	0.76	0.18	0.002	79.8	0.69	0.006	827.4	0.72	0.000	830.4	0.16	0.001	70.3	
CB14-BH - CPT8	120826	10	0.76	0.14	0.002	48.3	0.78	0.005	922.1	0.76	0.002	838.1	0.12	0.001	46.9	
CB14-BH - CPT9	120826	10	0.76	0.12	0.002	37.6	0.78	0.002	945.1	0.79	0.002	861.0	0.14	0.001	40.8	
CB14-BH - CPT10	120826	10	0.76	0.14	0.001	50.0	0.79	0.001	953.5	0.76	0.001	756.3	0.13	0.000	58.4	
CB14-BH - CPT11	120826	10	0.76	0.16	0.001	79.6	0.82	0.002	1018.2	0.73	0.000	912.6	0.15	0.000	71.3	
CB14-BH - CPT12	120825	10	0.76	0.38	0.011	- 153.0	1.11	0.012	787.9	1.17	0.008	763.0	0.46	0.009	- 121.4	
CB14-BH - CPT13	121125	10	0.80	0.54	0.012	21.8	1.33	0.013	1000.1	1.32	0.008	947.9	0.56	0.012	25.8	
CB14-BH - CPT14	121125	10	0.80	0.56	0.013	28.9	1.31	0.011	1010.8	1.24	0.011	979.7	0.50	0.014	27.8	
CB14-BH - CPT15	121125	10	0.80	0.50	0.014	27.2	1.26	0.011	1000.1	1.30	0.009	930.7	0.54	0.012	34.0	
OSS1-BH - CPT1	121004	10	0.78	1.54	0.078	113.4	2.13	0.079	882.6	2.13	0.083	884.0	1.51	0.077	116.5	
OSS1-BH - CPT2	121004	10	0.78	1.51	0.078	117.0	2.15	0.078	937.7	2.12	0.103	850.3	1.54	0.101	116.3	
OSS1-BH - CPT3	121126	10	0.79	- 1.17	0.015	- 69.8	- 0.48	0.016	777.6	- 0.50	0.013	769.0	- 1.17	0.014	- 68.2	
OSS1-BH - CPT4	121126	10	0.79	- 1.14	0.015	- 35.3	- 0.46	0.017	822.7	- 0.43	0.013	817.3	- 1.11	0.013	- 38.2	
OSS1-BH - CPT5	121126	10	0.79	- 1.06	0.014	- 38.4	- 0.36	0.013	891.0	- 0.47	0.014	812.7	- 1.15	0.014	- 38.1	

CPTU CONE OFFSETS



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ENERGINET

CPT Name	Cone Number	Cone Size (cm ²)	Alpha Factor	Zero on Deck			Zero Before Test			Zero After Test			Zero on Deck			Ending Test Comments
				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
OSS1-BH - CPT6	121126	10	0.79	- 1.17	0.014	- 71.1	- 0.38	0.013	925.7	- 0.43	0.015	834.1	- 1.18	0.013	- 61.7	
OSS1-BH - CPT7	121126	10	0.79	- 1.17	0.013	- 70.9	- 0.21	0.013	970.3	- 0.56	0.013	841.1	- 1.08	0.014	- 69.3	
OSS2-BH - CPT1	120825	10	0.76	0.21	0.012	- 120.1	0.58	0.014	356.0	0.39	0.008	361.4	0.15	0.009	- 119.5	
OSS2-BH - CPT2	120825	10	0.76	0.23	0.010	- 120.1	0.33	0.010	347.9	0.67	0.008	341.0	0.33	0.008	- 121.5	
OSS2-BH - CPT3	120825	10	0.76	0.35	0.009	- 121.0	0.68	0.009	349.9	0.85	0.008	342.7	0.48	0.008	- 122.8	
OSS2-BH - CPT4	121126	10	0.79	- 1.18	0.016	- 63.9	- 1.08	0.013	- 72.5	0.00	0.000	0.0	0.00	0.000	0.0	
OSS2-BH - CPT5	121126	10	0.79	- 1.09	0.014	- 66.7	- 0.72	0.013	399.7	- 0.79	0.014	354.4	- 1.07	0.014	- 69.5	
OSS2-BH - CPT6	121126	10	0.79	- 1.10	0.015	- 33.8	- 0.75	0.014	452.8	- 0.68	0.016	406.0	- 1.00	0.016	- 35.8	
OSS2-BH - CPT7	120826	10	0.76	0.29	0.007	41.3	0.69	0.007	561.7	0.68	0.004	500.9	0.33	0.005	43.6	
OSS2-BH - CPT8	120826	10	0.76	0.35	0.006	39.6	0.75	0.004	585.1	0.67	0.005	518.2	0.32	0.004	37.8	
OSS2-BH - CPT9	121005G	10	0.78	1.27	0.067	73.3	1.71	0.067	628.2	1.67	0.066	599.8	1.22	0.065	72.0	
OSS2-BH - CPT10	121005G	10	0.78	1.23	0.066	72.8	1.67	0.065	644.3	1.68	0.065	617.6	1.23	0.065	71.9	
OSS2-BH - CPT11	121005G	10	0.78	1.24	0.065	73.0	1.68	0.065	651.4	1.69	0.065	612.5	1.24	0.065	72.0	
OSS2-BH - CPT12	121126	10	0.79	- 1.00	0.017	- 35.1	- 0.59	0.015	526.3	- 0.70	0.013	476.3	- 1.08	0.013	- 35.3	
OSS2-BH - CPT13	121005G	10	0.78	1.23	0.065	76.4	1.71	0.065	690.5	1.68	0.066	654.2	1.21	0.064	76.1	
OSS2-BH - CPT14	121126	10	0.79	- 1.10	0.013	- 70.0	- 0.62	0.013	558.8	- 0.66	0.014	304.7	- 1.10	0.012	- 58.0	
OSS2-BH - CPT15	121126	10	0.79	- 1.10	0.013	- 70.6	- 0.58	0.013	615.9	- 0.92	0.013	345.2	- 1.13	0.013	- 69.8	

CPTU CONE OFFSETS



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ENERGINET

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				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
OSS2-BH - CPT16	121126	10	0.79	- 1.09	0.013	- 32.7	- 0.65	0.013	581.6	- 0.65	0.014	574.6	- 1.10	0.013	- 35.7	
OSS2-BH - CPT17	121126	10	0.79	- 1.13	0.013	- 69.9	- 0.57	0.013	685.5	- 0.57	0.014	490.9	- 1.12	0.013	- 61.3	
OSS2-BH - CPT18	121126	10	0.79	- 1.09	0.013	- 35.1	- 0.54	0.013	723.3	- 0.53	0.014	485.2	- 1.10	0.013	- 36.6	
OSS2-BH - CPT19	121126	10	0.79	- 1.11	0.013	- 70.7	- 0.50	0.013	754.5	- 0.43	0.017	752.2	- 1.13	0.013	- 66.1	
OSS2-BH - CPT20	121126	10	0.79	- 1.08	0.013	- 32.2	- 0.50	0.013	765.8	- 0.64	0.013	775.5	- 1.05	0.014	- 36.9	
OSS2-BH - CPT21	121126	10	0.79	- 1.07	0.014	- 63.7	- 0.43	0.015	799.6	- 0.49	0.013	800.8	- 1.09	0.013	- 71.0	
OSS2-BH - CPT22	121126	10	0.79	- 1.10	0.013	- 57.3	- 0.35	0.013	820.4	- 0.53	0.012	788.2	- 1.11	0.012	- 43.6	
OSS2-BH - CPT23	121126	10	0.79	- 1.13	0.012	- 71.7	- 0.42	0.013	827.7	- 0.59	0.013	819.2	- 1.26	0.012	- 72.2	
OSS2-BH - CPT24	121003	10	0.78	1.32	0.044	94.5	2.29	0.045	1009.0	1.97	0.041	976.7	1.28	0.041	114.6	
OSS2-BH - CPT25	120826	10	0.76	0.41	0.008	44.1	1.13	0.009	986.1	0.94	0.006	940.1	0.29	0.006	38.0	
OSS2-BH - CPT26	121003	10	0.78	1.26	0.042	91.9	2.02	0.041	1031.3	2.05	0.041	1008.2	1.29	0.041	91.4	
OSS2-BH - CPT27	121003	10	0.78	1.29	0.041	91.0	2.05	0.041	1036.0	2.05	0.040	1016.5	1.30	0.042	91.7	
OSS2-BH - CPT28	121003	10	0.78	1.30	0.042	92.0	2.08	0.041	1058.9	2.01	0.042	983.3	1.27	0.042	91.1	
OSS2-BH - CPT29	121003	10	0.78	1.28	0.042	91.7	2.03	0.043	1068.9	2.15	0.042	1052.6	1.38	0.042	90.9	
OSS2-BH - CPT30	121003	10	0.78	1.38	0.042	91.4	2.12	0.044	1072.0	2.07	0.042	1054.9	1.32	0.042	90.4	
OSS2-BH - CPT31	121003	10	0.78	1.31	0.042	90.8	2.04	0.045	1062.1	2.06	0.042	1057.1	1.28	0.043	90.0	

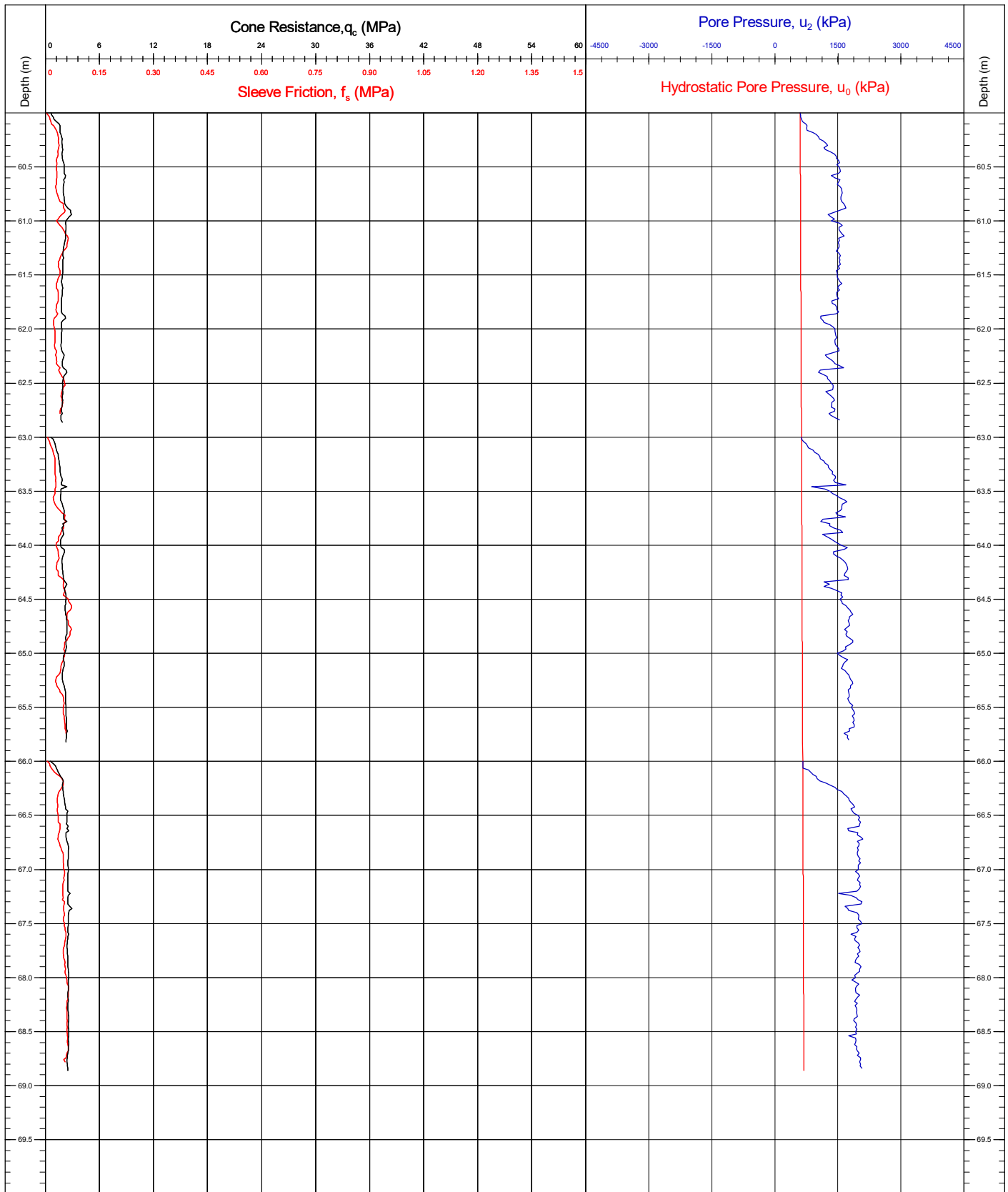
CPTU CONE OFFSETS

3.2 Downhole CPTU Measured Logs



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

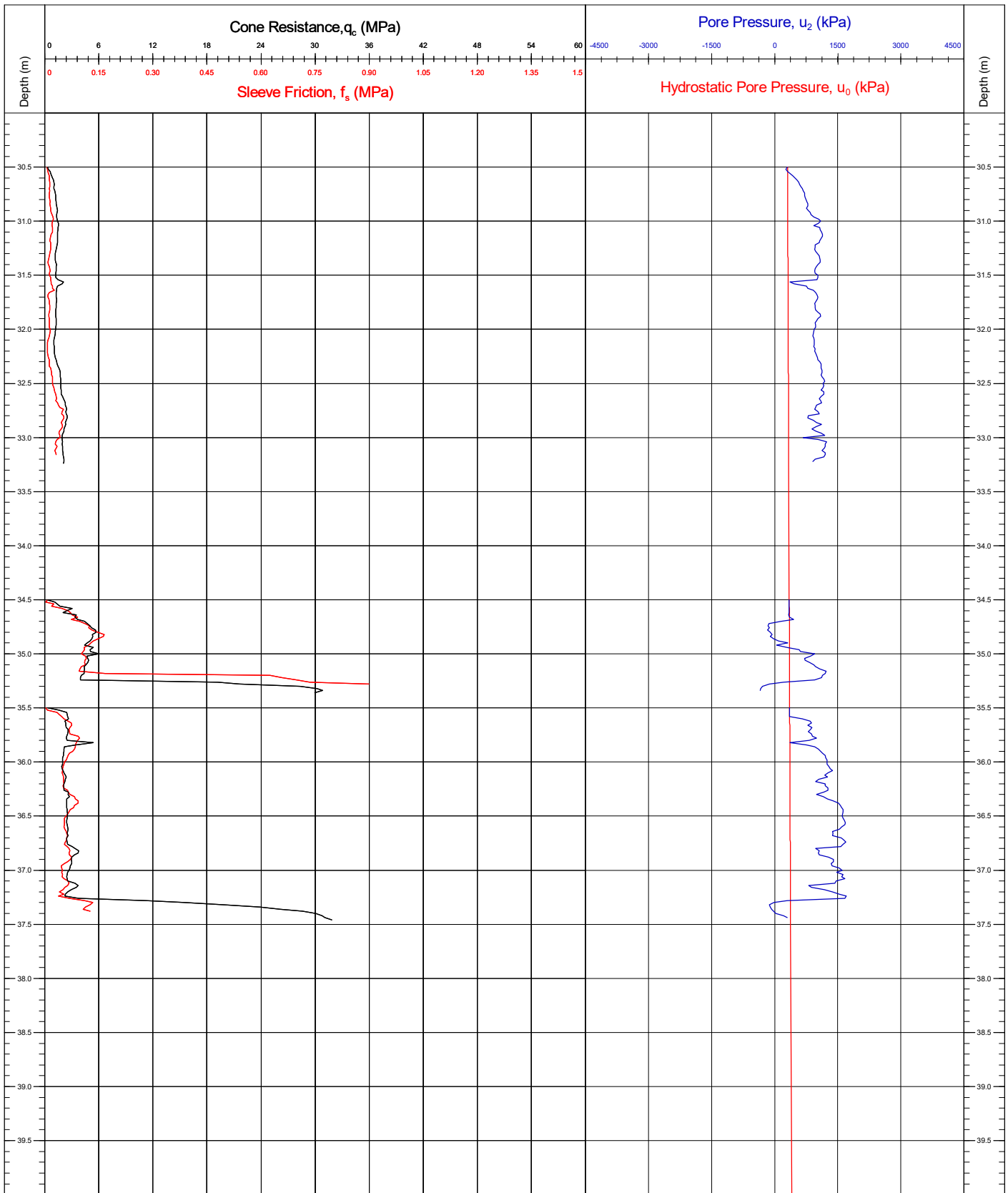


Area	Kattegat Sea	Coordinates	673292.30E 6269812.00N	CPT Number		
Contract	11596	Latitude / Longitude		CB3a-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.90			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	15/05/2021 to 16/05/2021	Page: 1/1		
Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wison CPT and push sampling methods		Cone No.(size)/ α Factor	121126 (10cm ²) / 0.79	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (16/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

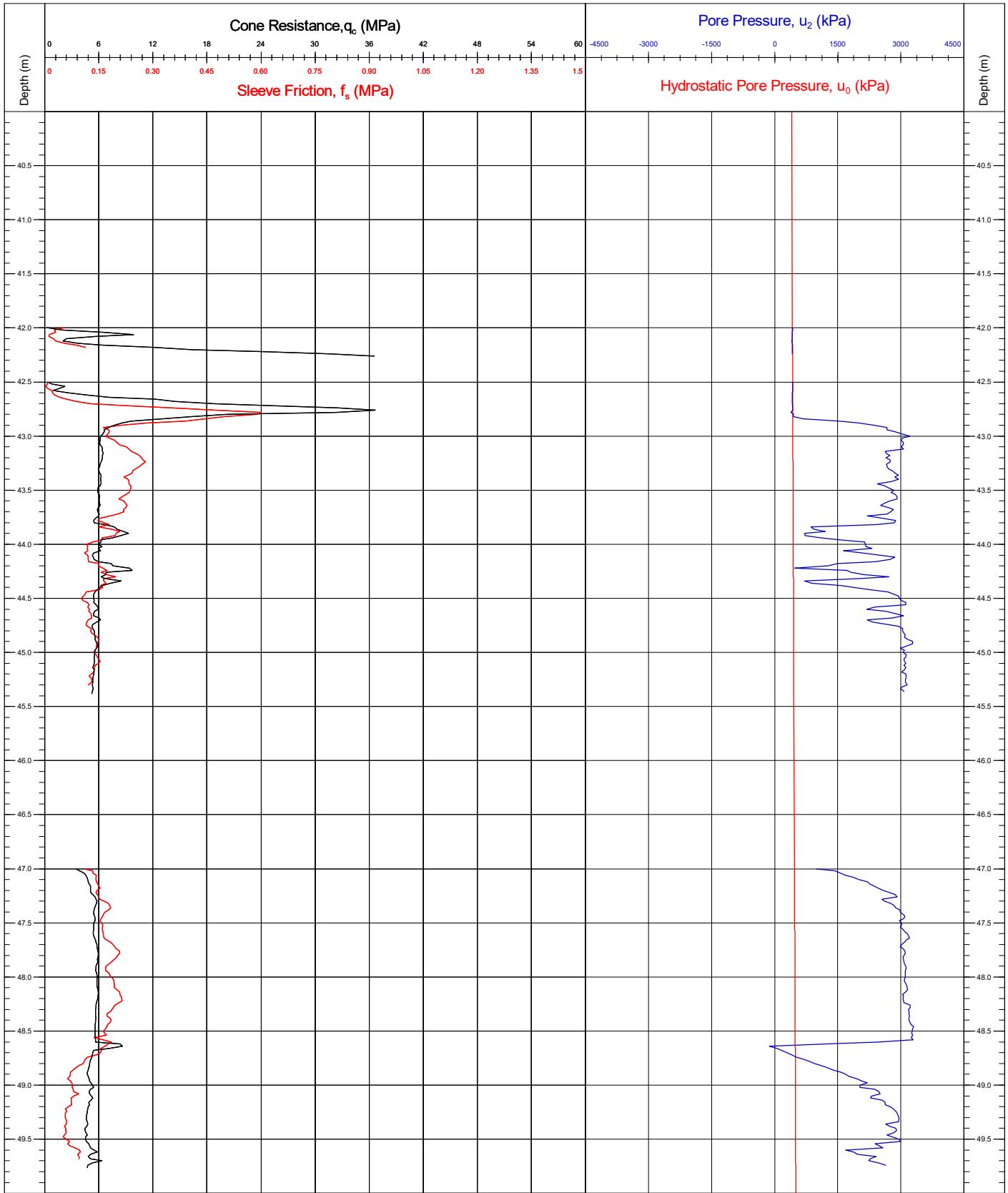


Area	Kattegat Sea	Coordinates	675777.10E 6272690.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB4-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.12			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	16/05/2021 to 18/05/2021	Page: 1/4		
<small>Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.25 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.</small>		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (16/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

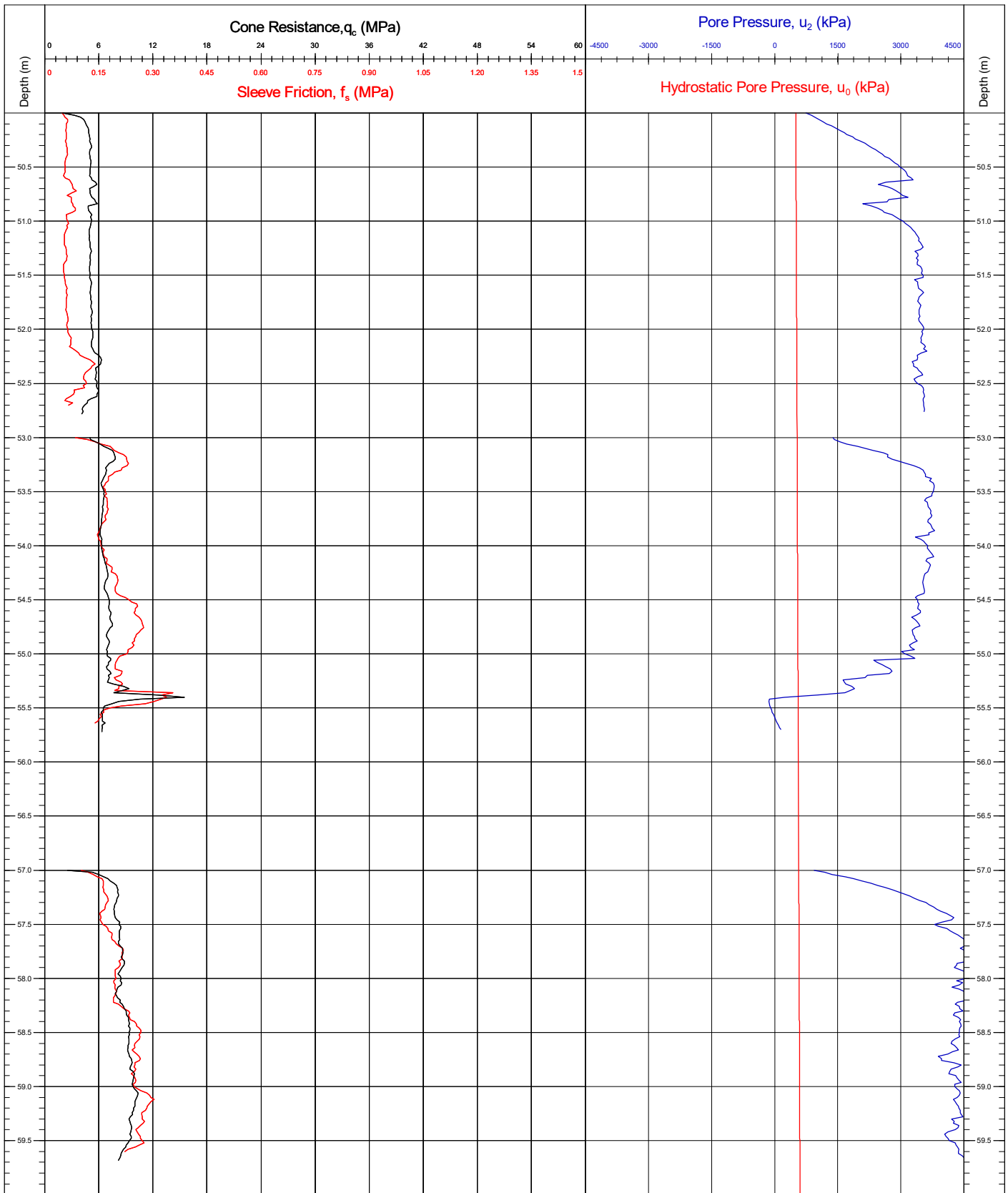


Area	Kattegat Sea	Coordinates	675777.10E 6272690.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB4-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.12			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	16/05/2021 to 18/05/2021	Page: 2/4		
<small>Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.25 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.</small>		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (16/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

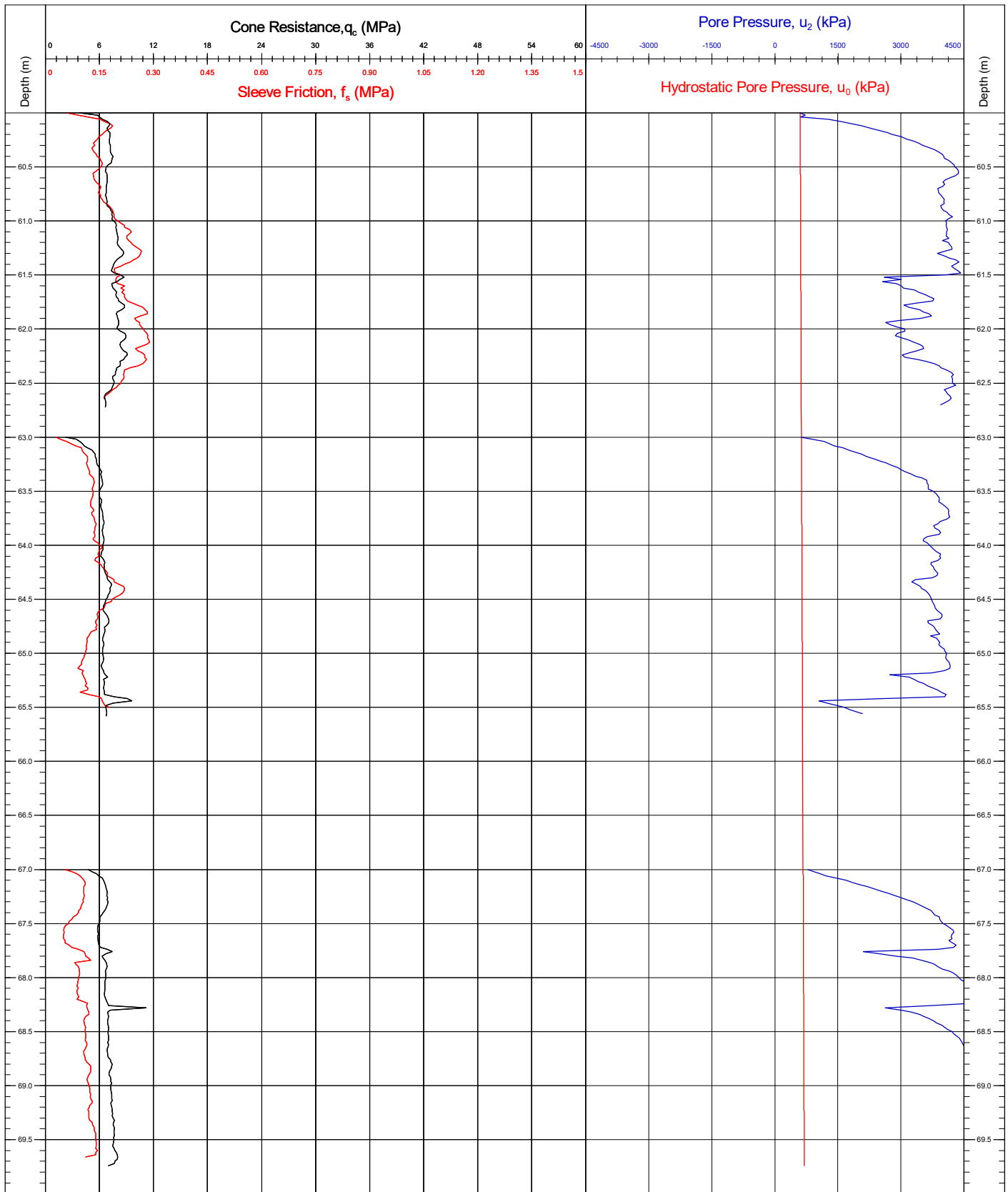


Area	Kattegat Sea	Coordinates	675777.10E 6272690.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB4-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.12			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	16/05/2021 to 18/05/2021	Page: 3/4		
<small>Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 57.25 and 57.75m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.</small>		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (16/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

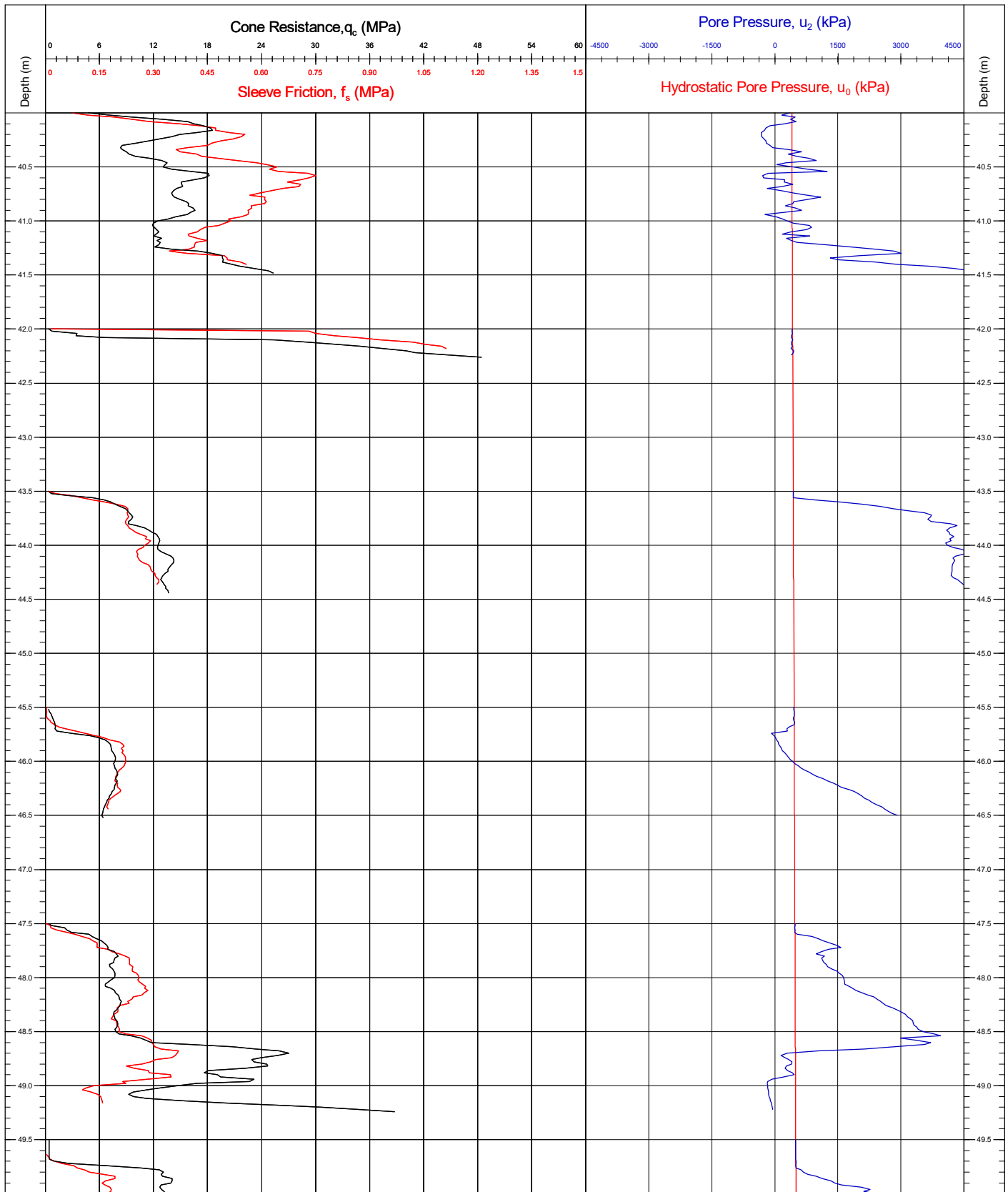


Area	Kattegat Sea	Coordinates	675777.10E 6272690.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB4-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.12			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	16/05/2021 to 18/05/2021	Page: 4/4		
<small>Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.25 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.</small>		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (16/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

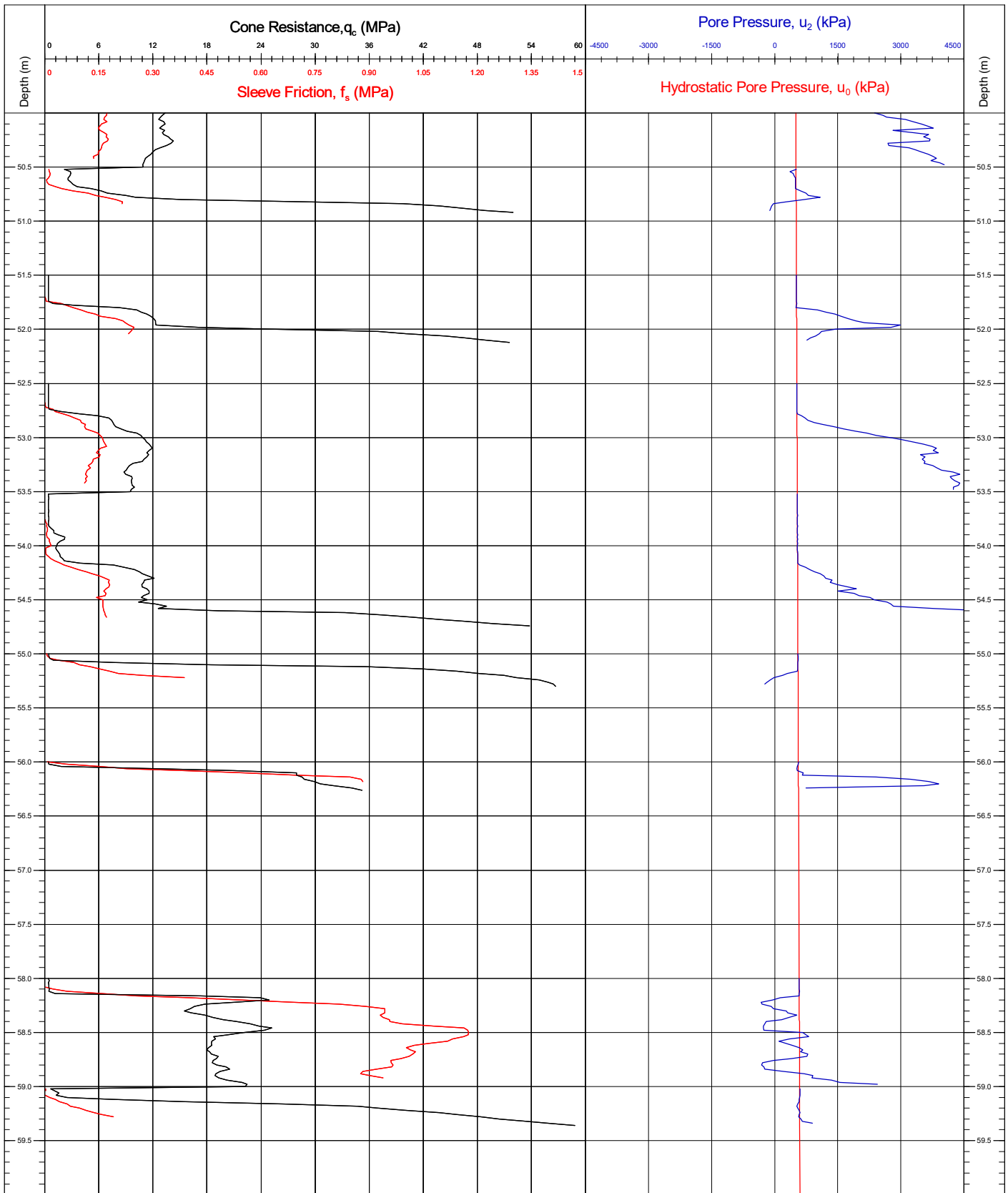


Area	Kattegat Sea	Coordinates	671117.70E 6254702.00N	CPT Number		
Contract	11596	Latitude / Longitude		CB5-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.15			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	09/05/2021 to 11/05/2021	Page: 1/3		
Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (11/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

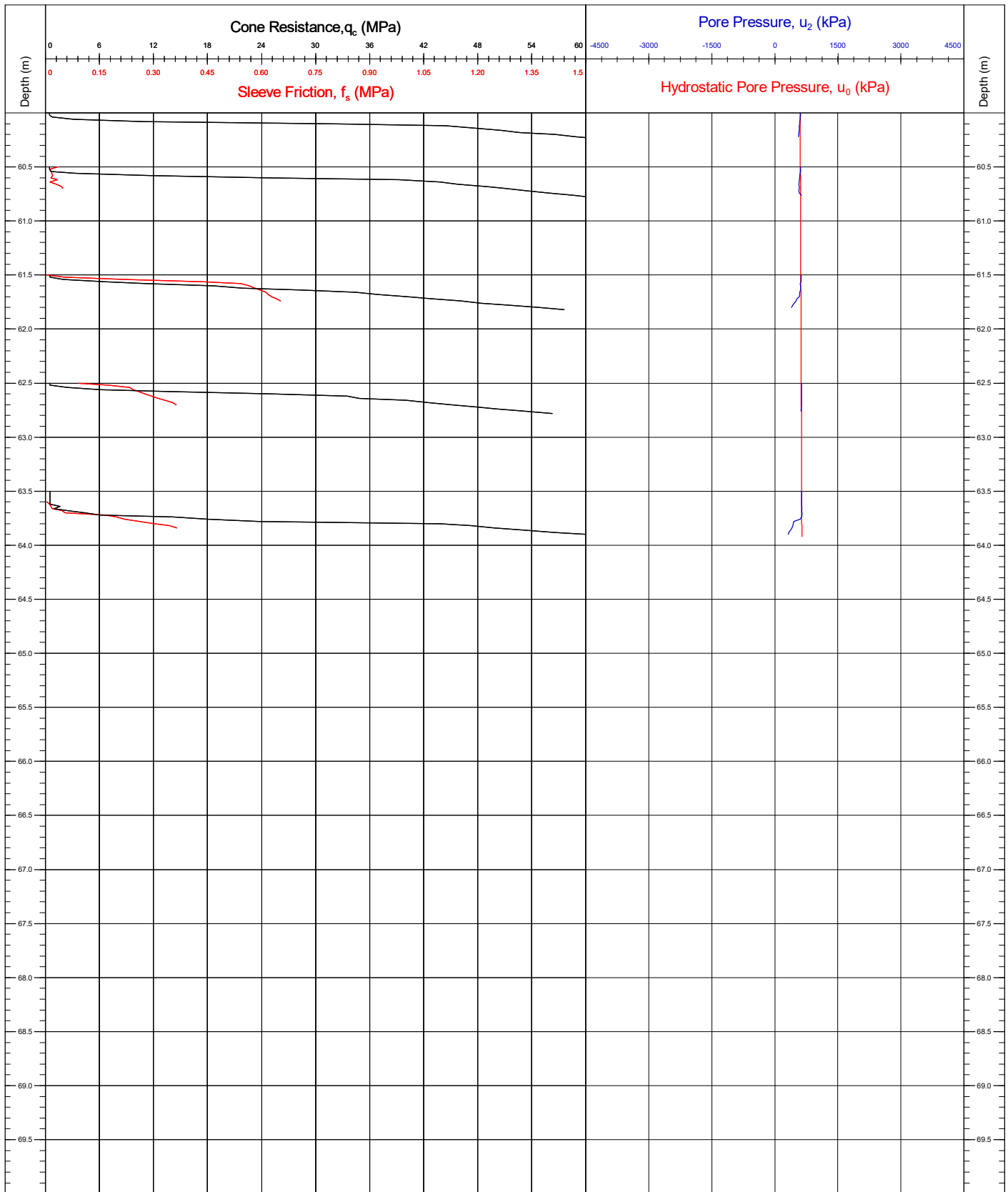


Area	Kattegat Sea	Coordinates	671117.70E 6254702.00N	CPT Number		
Contract	11596	Latitude / Longitude		CB5-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.15			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	09/05/2021 to 11/05/2021	Page: 2/3		
Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (11/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

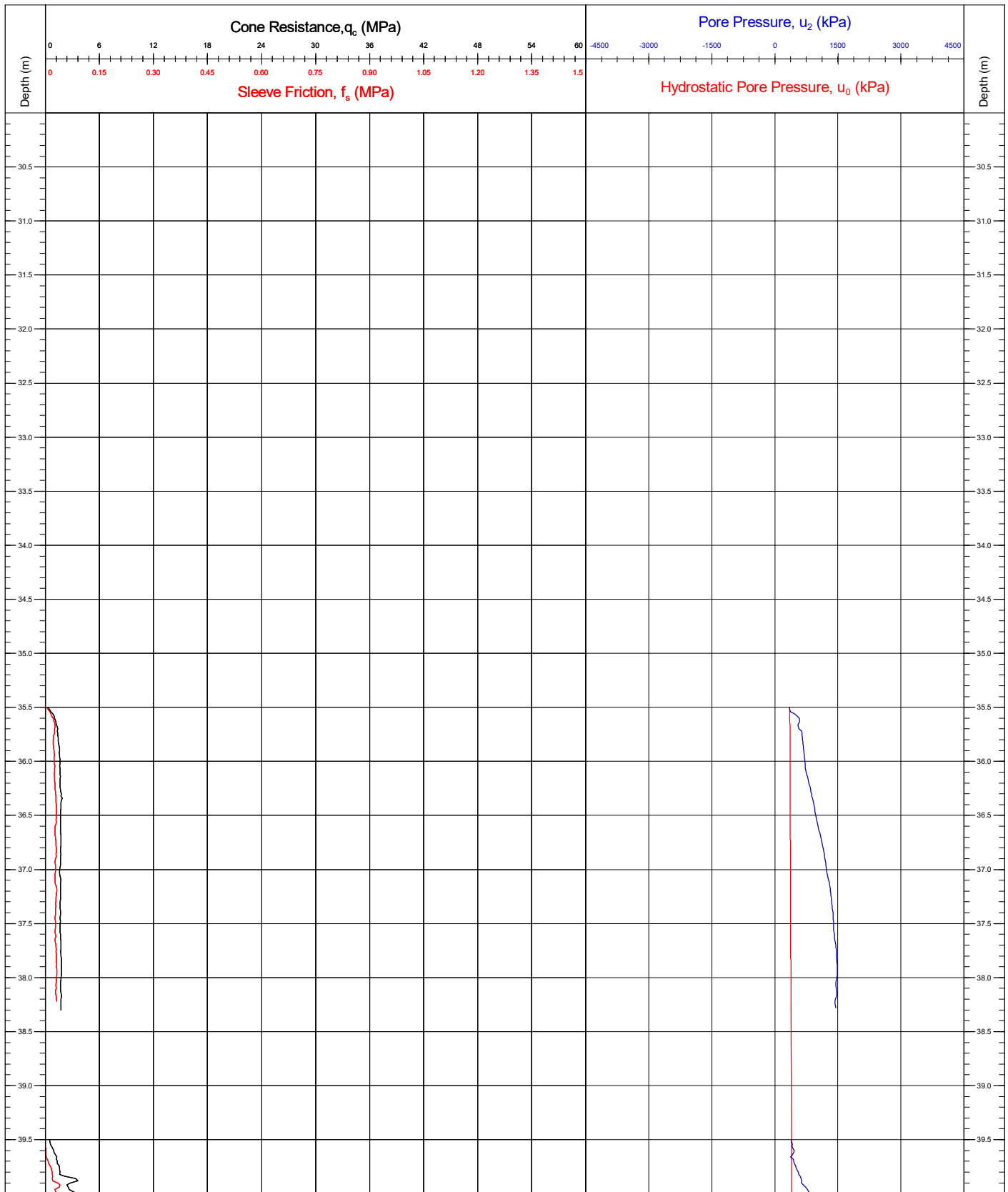


Area	Kattegat Sea	Coordinates	671117.70E 6254702.00N	CPT Number CB5-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.15	Page: 3/3		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	09/05/2021 to 11/05/2021	QC Status		
Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	Preliminary		
		Base Inclination	X = 0.0° / Y = 0.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (11/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

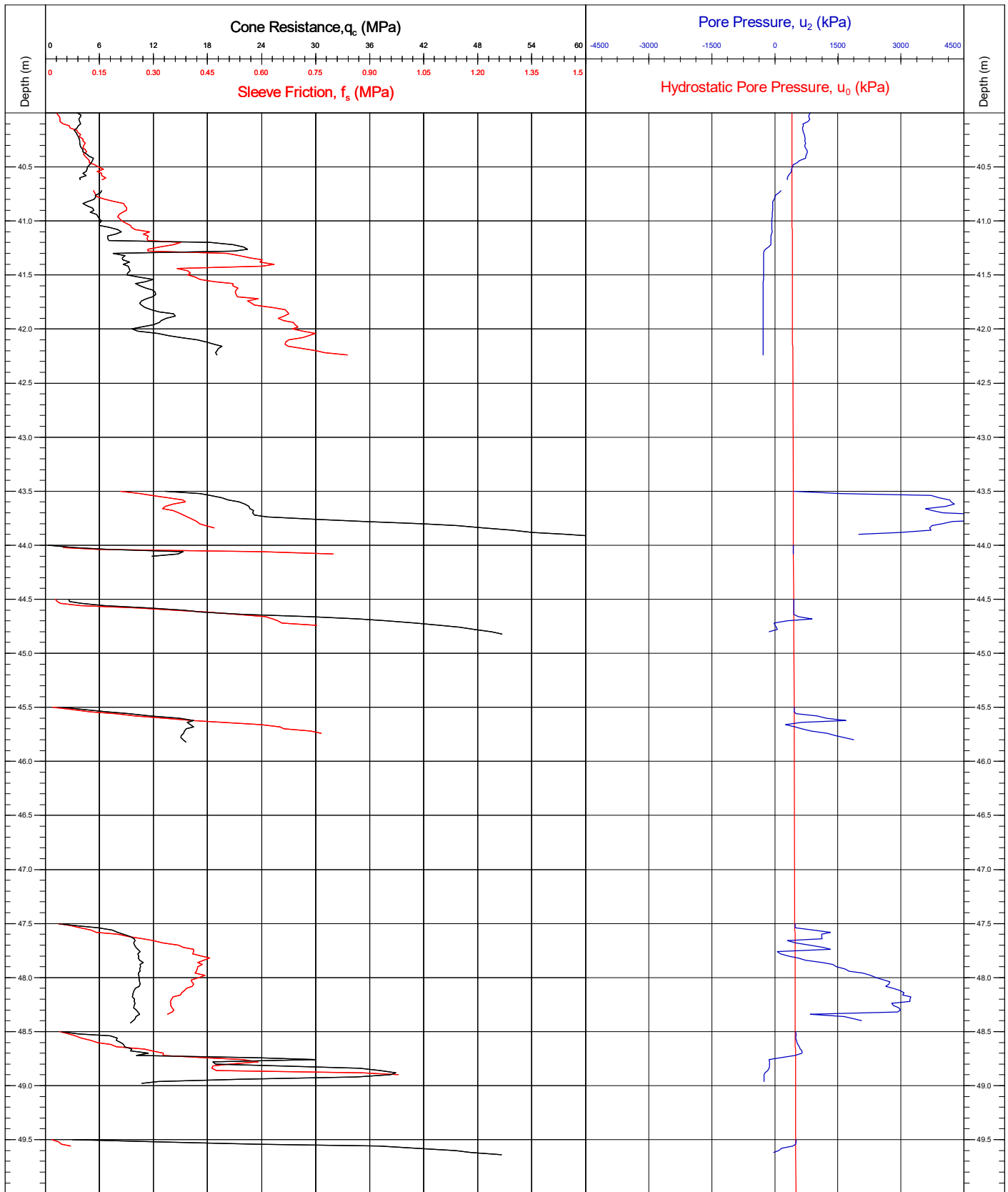


Area	Kattegat Sea	Coordinates	668193.10E	6258003.50N	CPT Number
Contract	11596	Latitude / Longitude			CB6-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.69		Page: 1/3
Vessel	MV Ocean Vantage	Date of Test (Start/End)	27/05/2021 to 29/05/2021		QC Status
<small>Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P.S logging was performed from 52.00m to 3.00m below mudline.</small>		Cone No.(size)/α Factor	120826 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
			JK/BC <small>(27/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

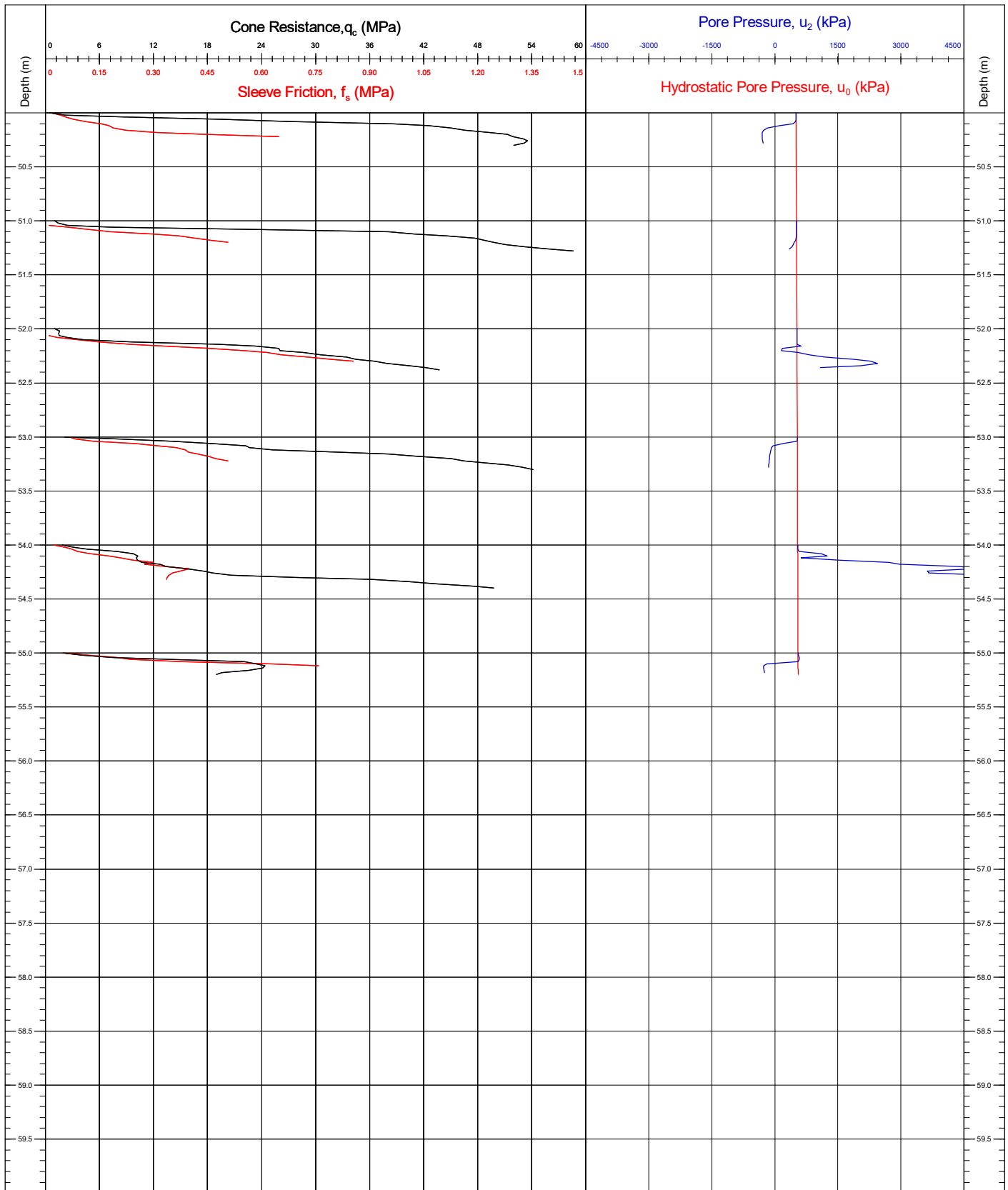


Area	Kattegat Sea	Coordinates	668193.10E	6258003.50N	CPT Number
Contract	11596	Latitude / Longitude			CB6-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.69		Page: 2/3
Vessel	MV Ocean Vantage	Date of Test (Start/End)	27/05/2021 to 29/05/2021		QC Status
<small>Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P.S logging was performed from 52.00m to 3.00m below mudline.</small>		Cone No.(size)/α Factor	120826 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
					JK/BC (27/05/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

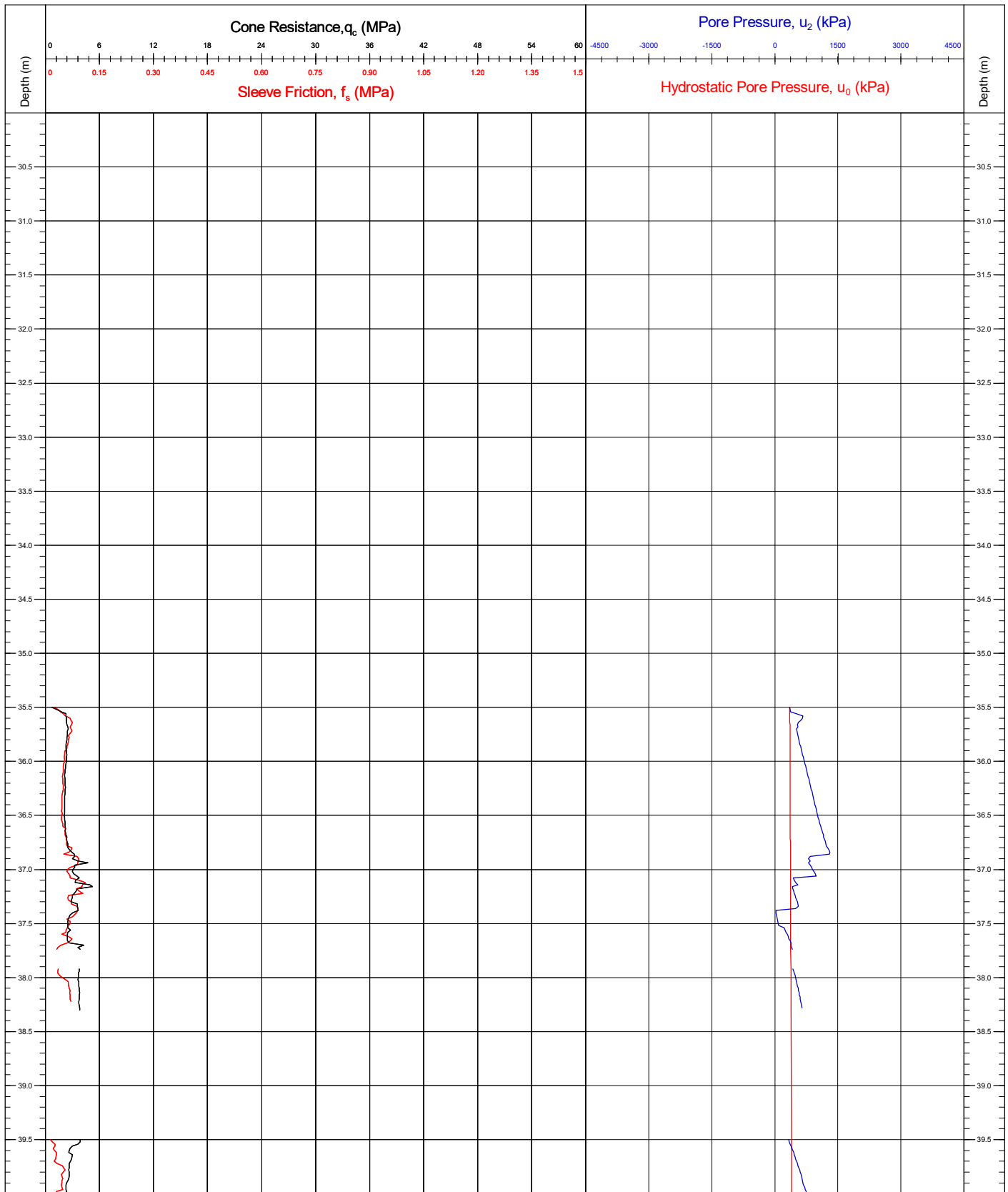


Area	Kattegat Sea	Coordinates	668193.10E 6258003.50N	CPT Number CB6-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.69	Page: 3/3		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	27/05/2021 to 29/05/2021	QC Status		
<small>Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P. S logging was performed from 52.00m to 3.00m below mudline.</small>		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	Preliminary		
		Base Inclination	X = 0.0° / Y = 0.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

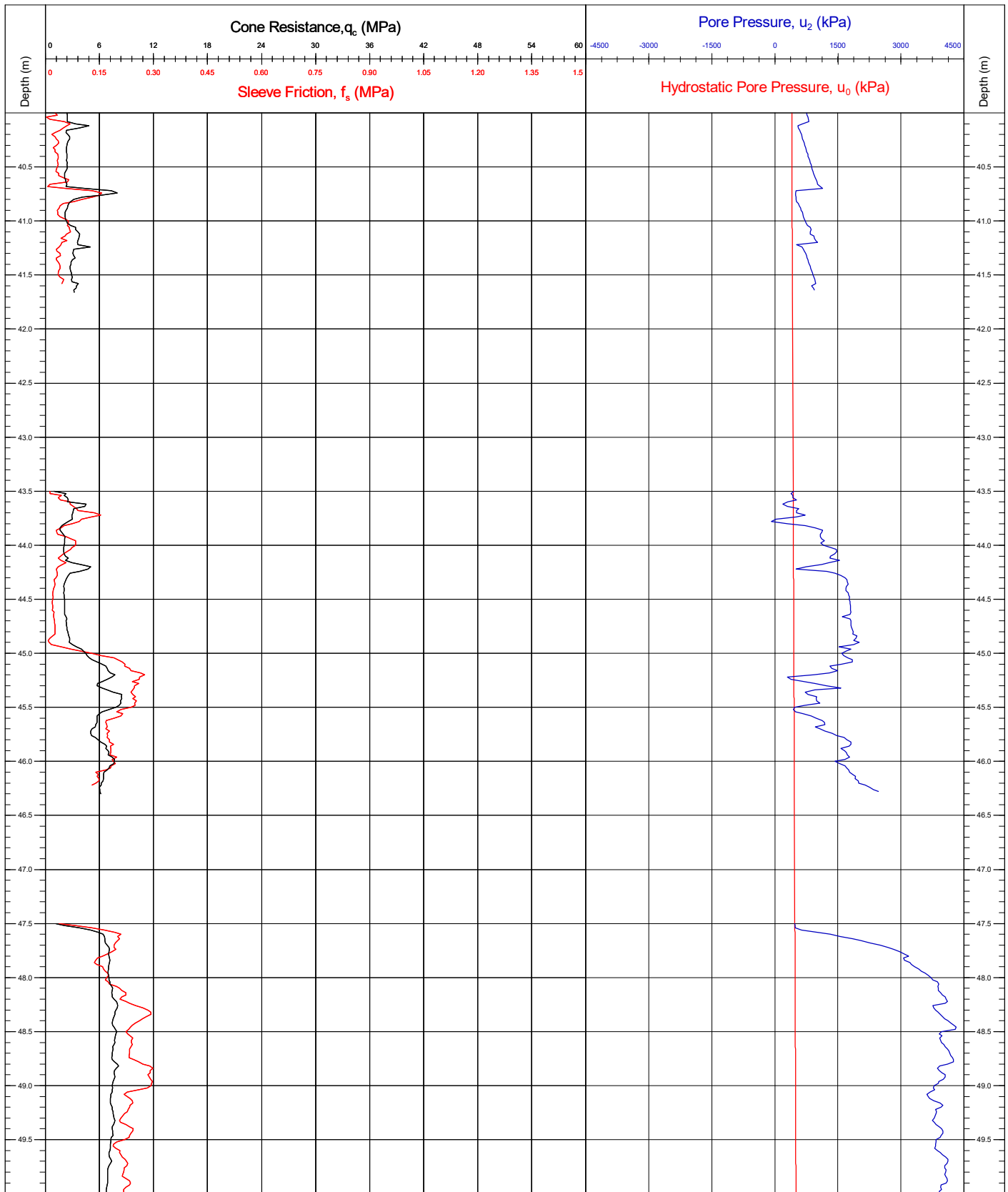


Area	Kattegat Sea	Coordinates	673537.80E 6259626.90N	CPT Number CB7-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 1/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/05/2021 to 30/05/2021	QC Status		
<small>Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P.S logging was performed from 52m to 4m below mudline.</small>		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78			
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (29/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

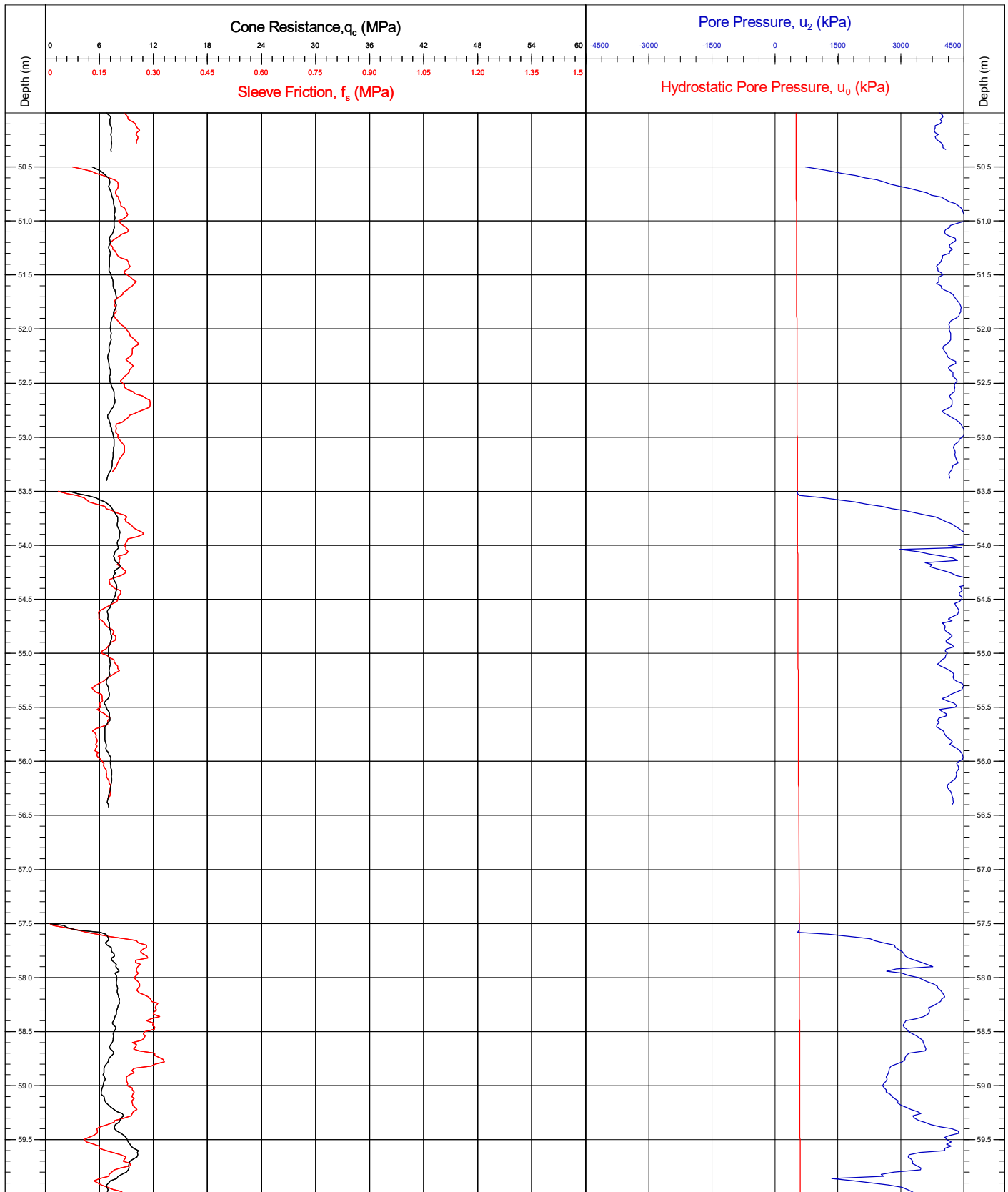


Area	Kattegat Sea	Coordinates	673537.80E	6259626.90N	CPT Number CB7-BH				
Contract	11596	Latitude / Longitude							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99						
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/05/2021 to 30/05/2021		Page: 2/4				
<small>Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P.S logging was performed from 52m to 4m below mudline.</small>		Cone No.(size)/α Factor	121005G (10cm ²) / 0.78		QC Status				
		Base Inclination	X = 0.0° / Y = 0.0°		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(29/05/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>	Preliminary	Draft	Final	JK/BC <small>(29/05/2021)</small>
Preliminary	Draft	Final							
JK/BC <small>(29/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>							
		CRS	ETRS89						



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

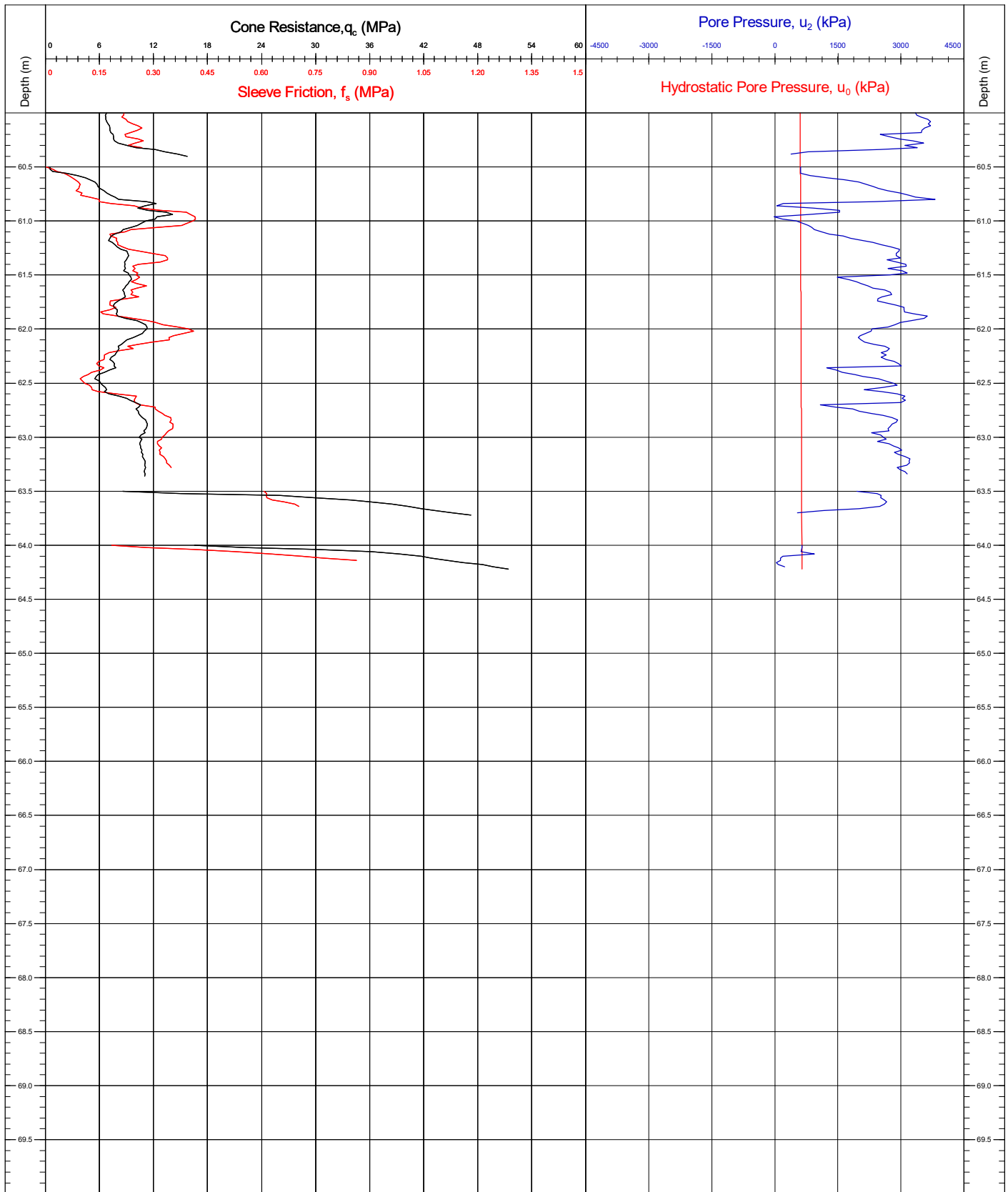


Area	Kattegat Sea	Coordinates	673537.80E 6259626.90N	CPT Number		
Contract	11596	Latitude / Longitude		CB7-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/05/2021 to 30/05/2021	Page: 3/4		
Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P.S logging was performed from 52m to 4m below mudline.		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (29/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

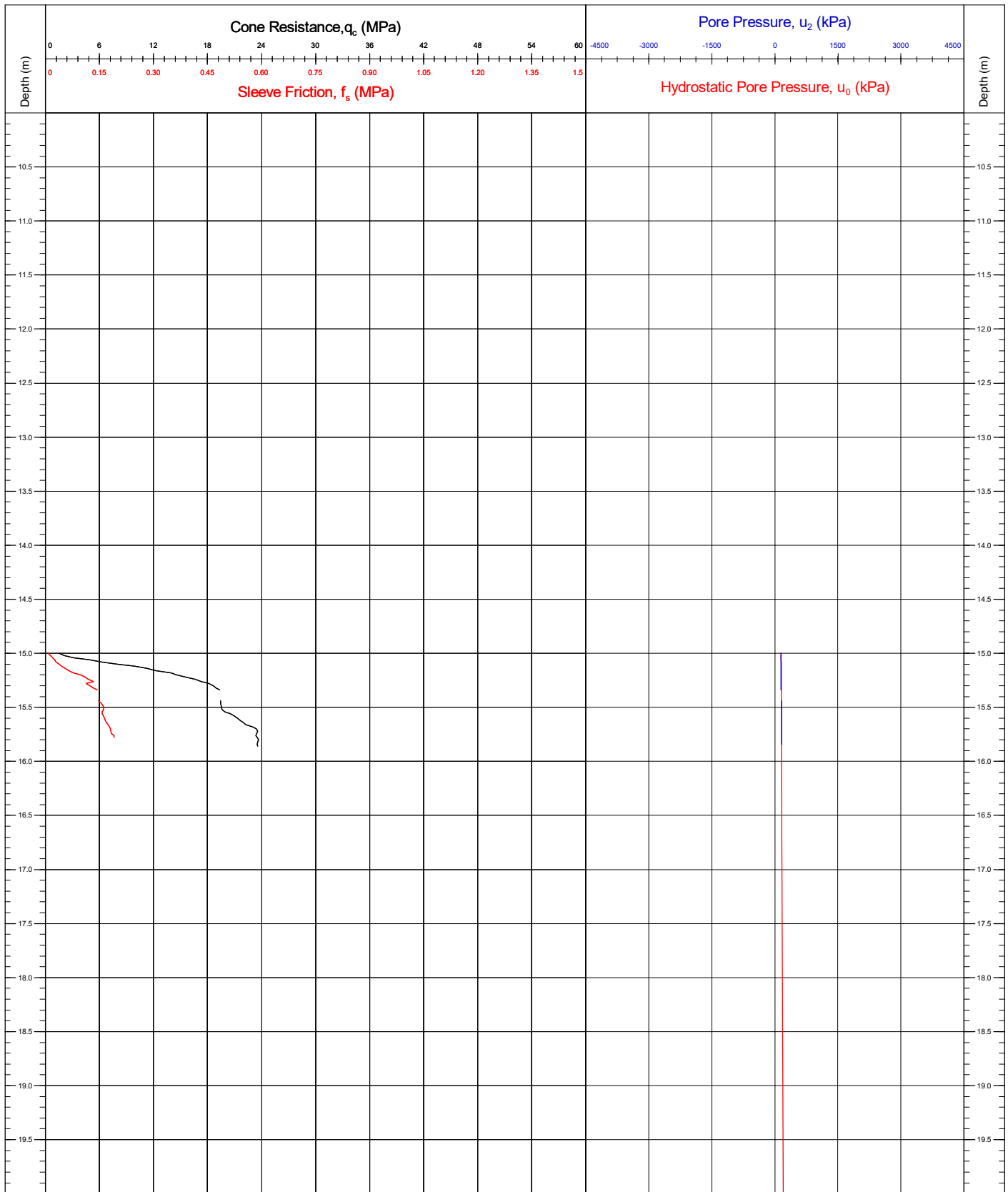


Area	Kattegat Sea	Coordinates	673537.80E 6259626.90N	CPT Number CB7-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/05/2021 to 30/05/2021	QC Status		
Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P.S logging was performed from 52m to 4m below mudline.		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	Preliminary		
		Base Inclination	X = 0.0° / Y = 0.0°	Draft	DR	Final
		CRS	ETRS89	JK/BC	(29/05/2021)	SMc
					(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

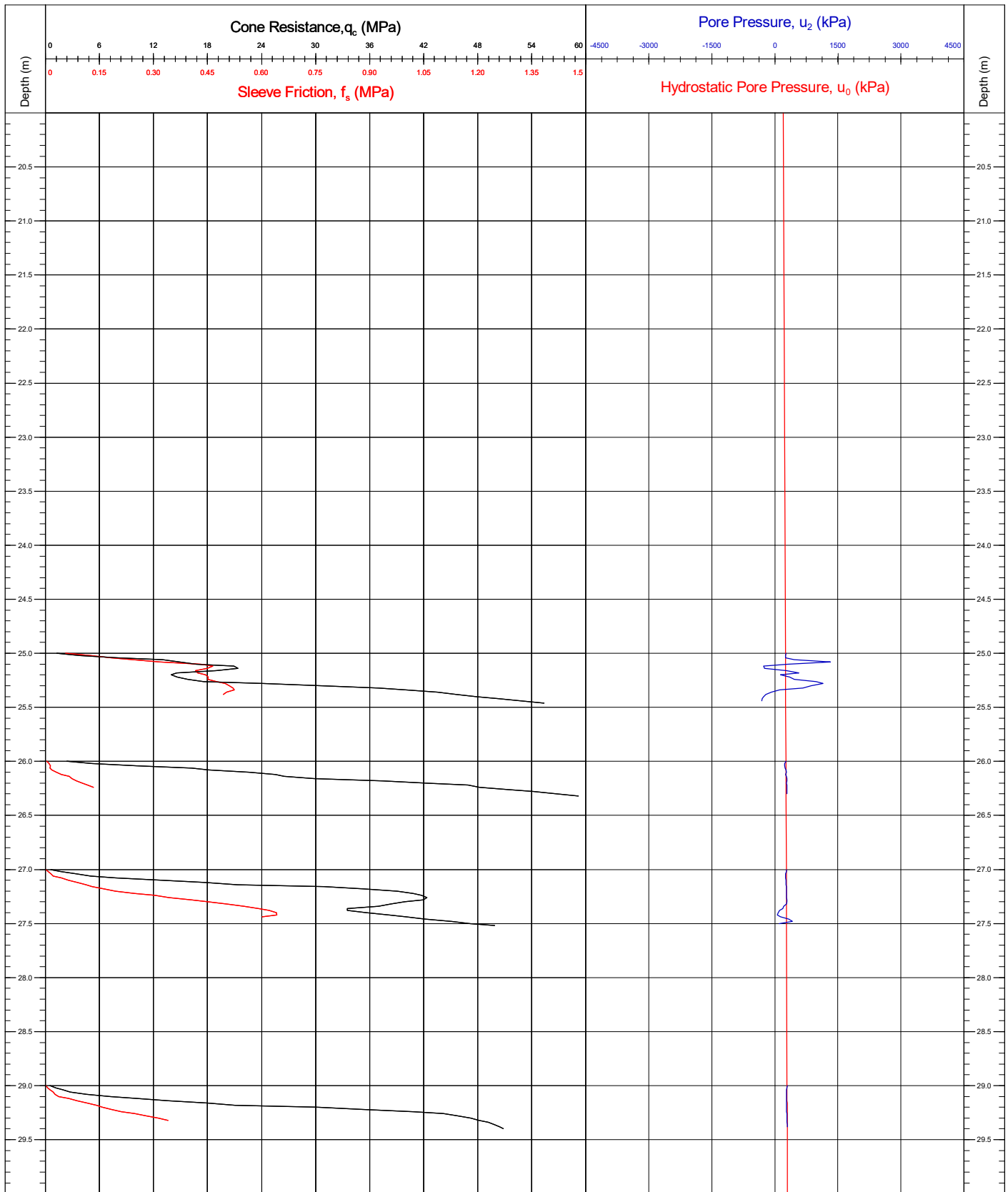


Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number CB8-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30	Page: 1/6		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	QC Status		
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	Preliminary		
		Base Inclination	X = 0.0° / Y = 0.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

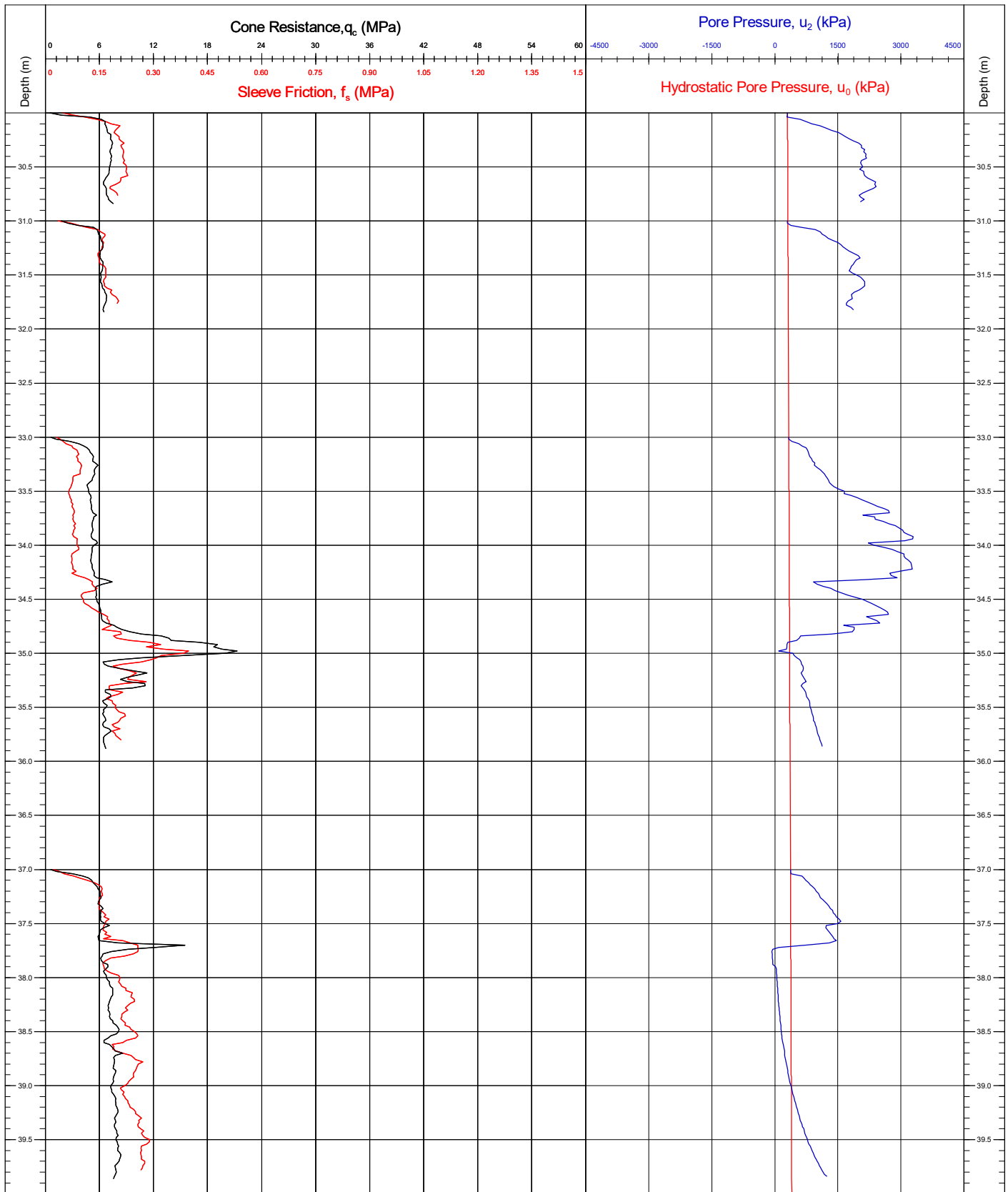


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number		
Contract	11596	Latitude / Longitude		CB8-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	Page: 2/6		
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

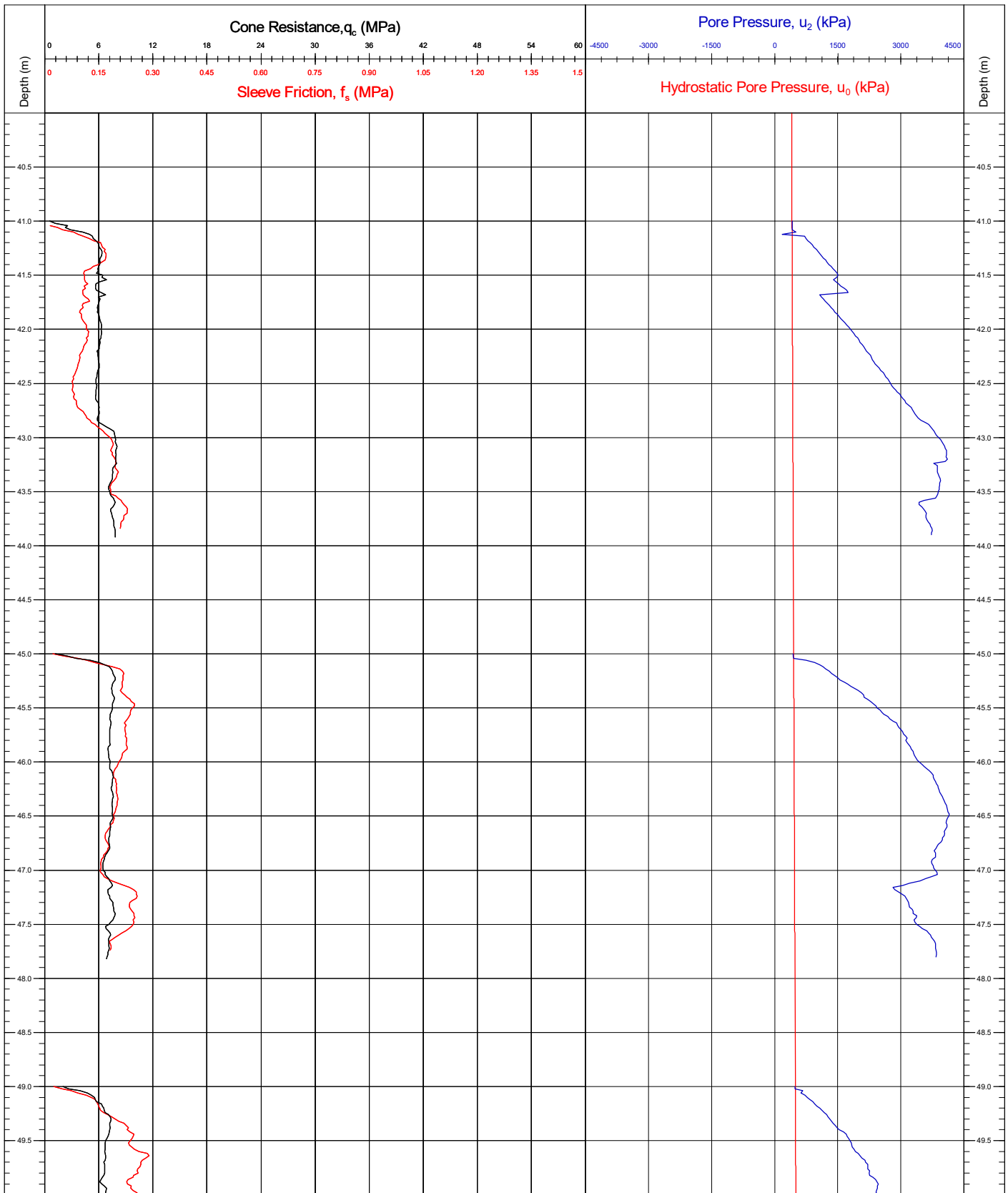


Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number CB8-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30	Page: 3/6		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	QC Status		
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	Preliminary		
		Base Inclination	X = 0.0° / Y = 0.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

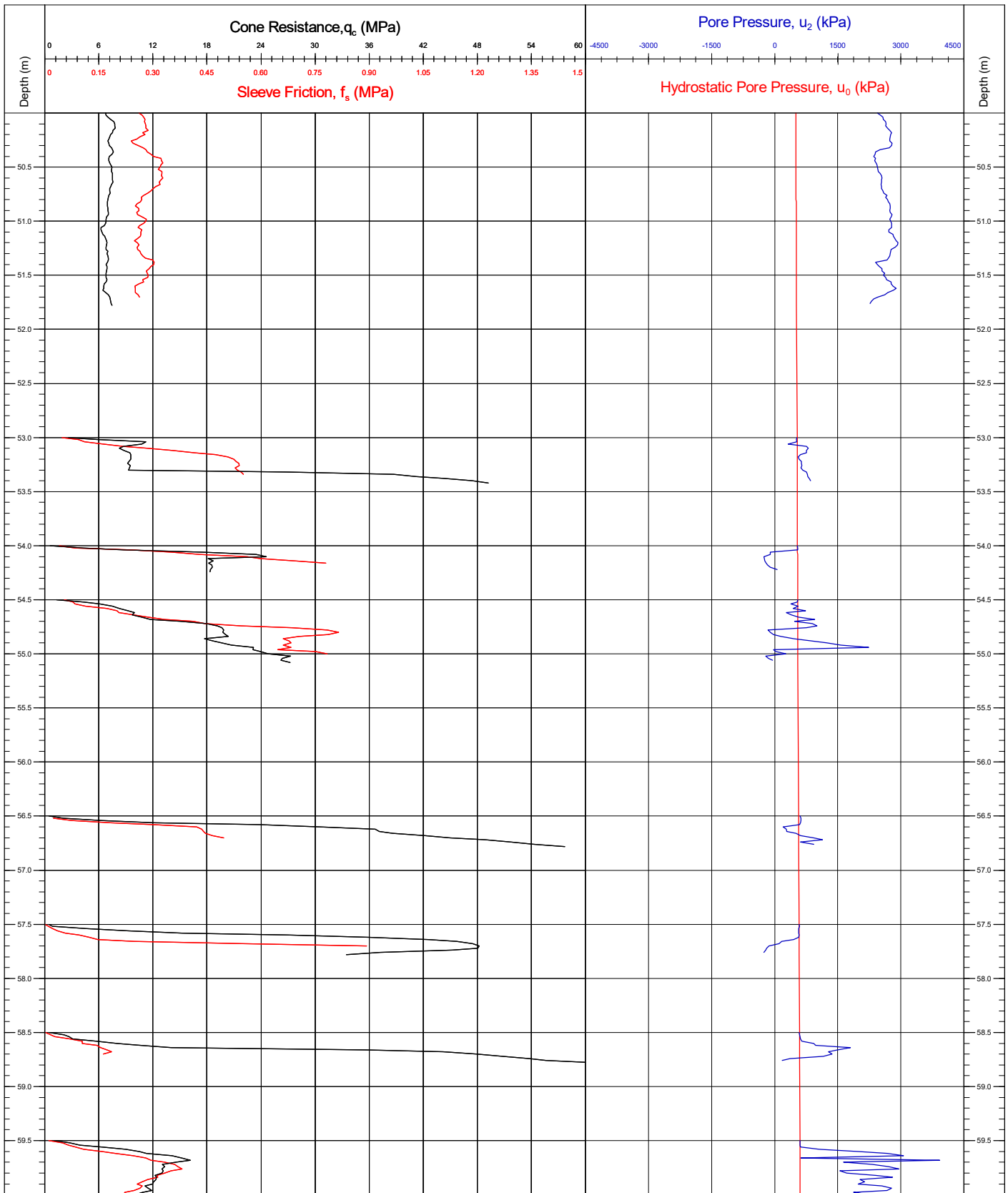


Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number		
Contract	11596	Latitude / Longitude		CB8-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	Page: 4/6		
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

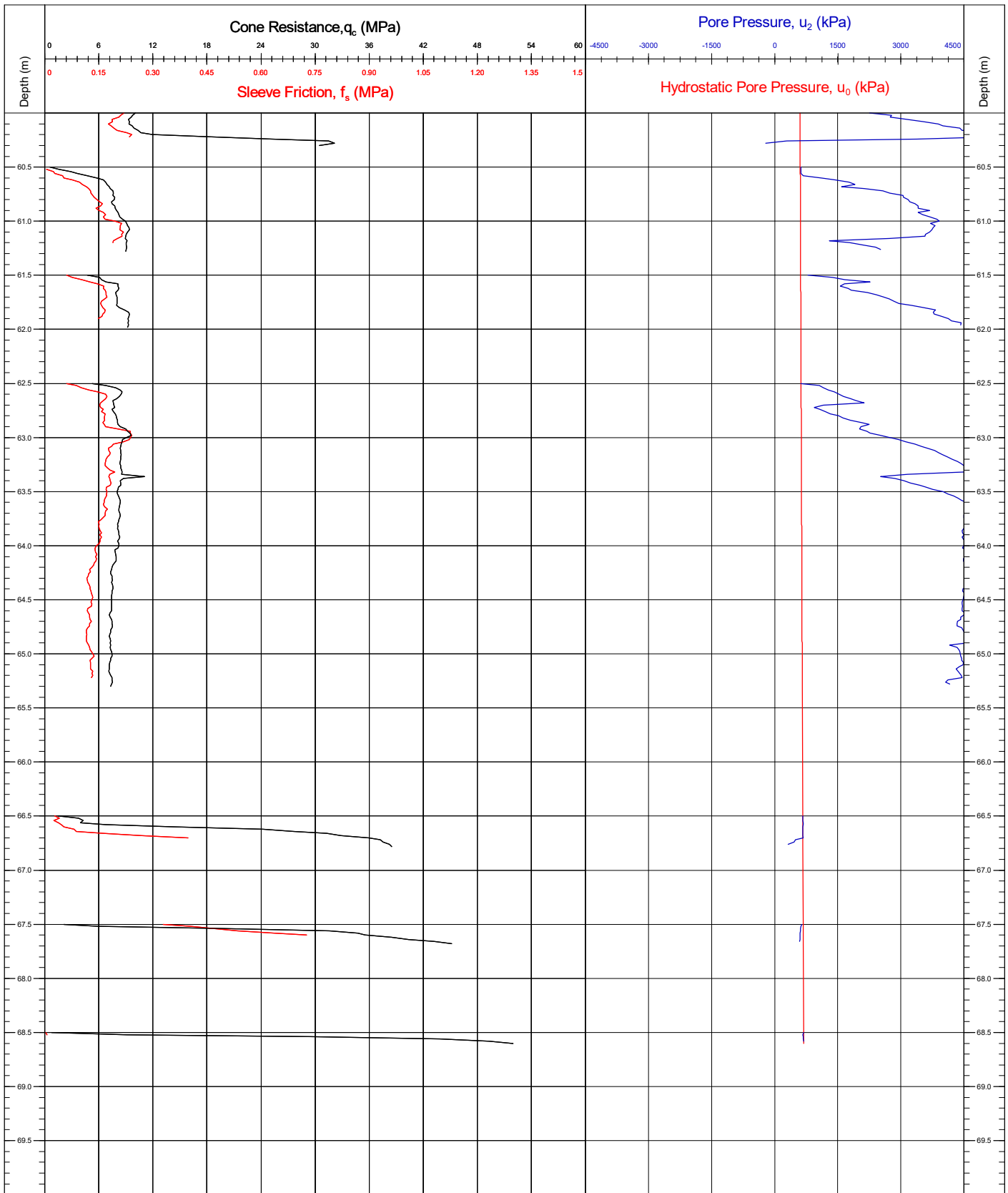


Area	Kattegat Sea	Coordinates	679824.20E	6248913.90N	CPT Number
Contract	11596	Latitude / Longitude			CB8-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30		Page: 5/6
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021		QC Status
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
			JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

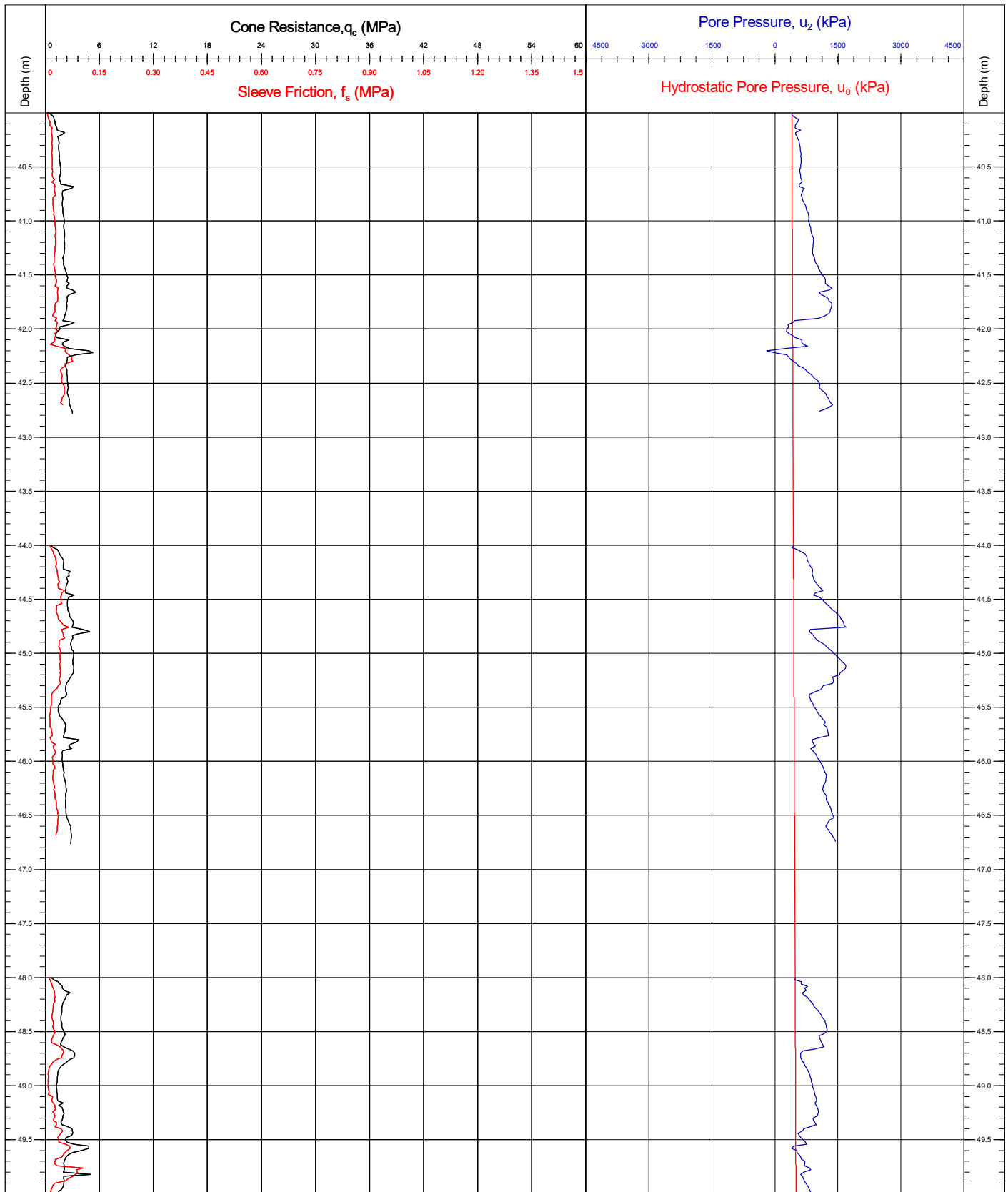


Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number CB8-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30	Page: 6/6		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	QC Status		
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	Preliminary		
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (20/05/2021)	Draft DR (10/06/2021)	Final SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

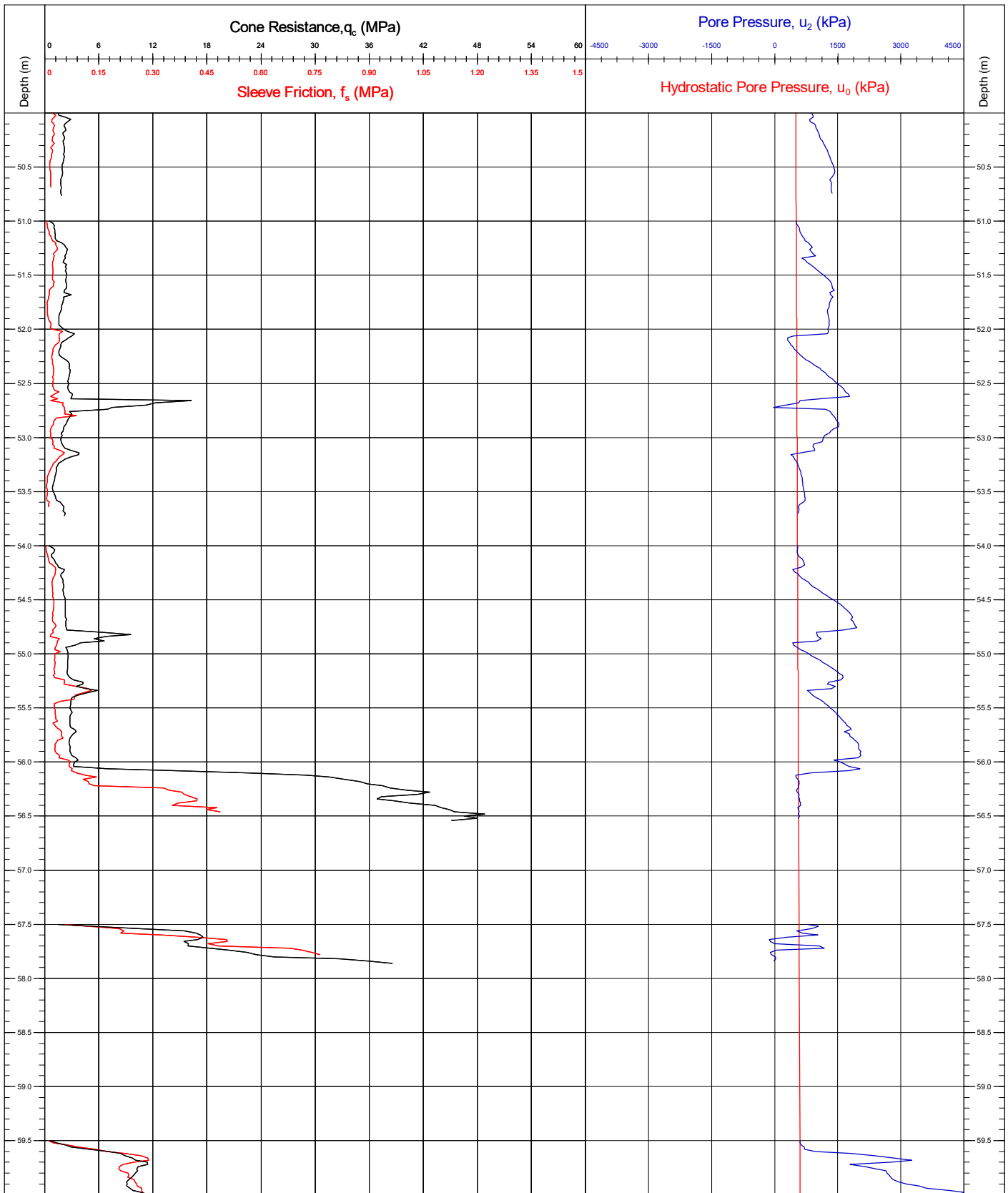


Area	Kattegat Sea	Coordinates	677391.00E 6276213.60N	CPT Number	
Contract	11596	Latitude / Longitude		CB9-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.85	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/06/2021 to 04/06/2021	QC Status	
Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (03/06/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

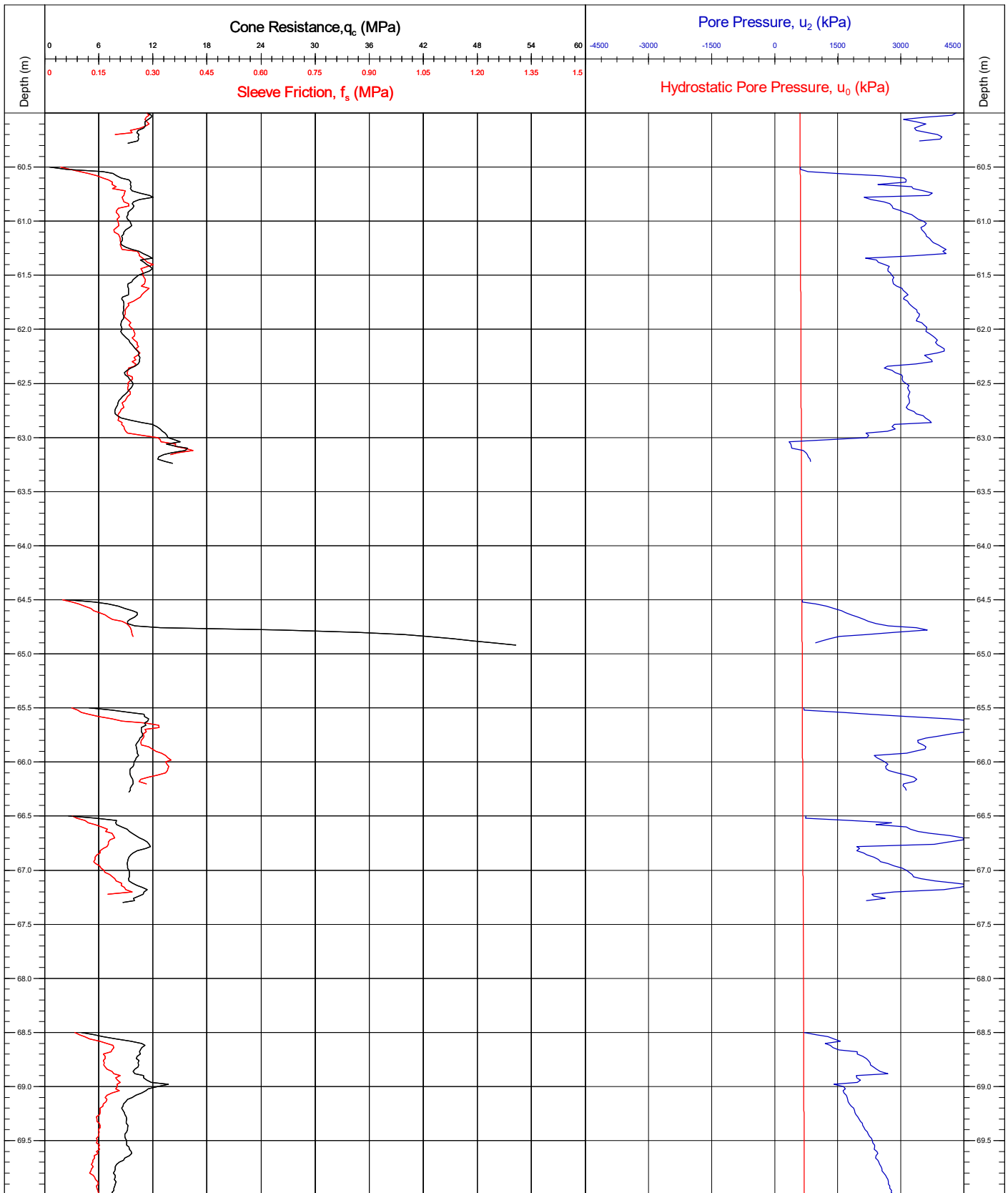


Area	Kattegat Sea	Coordinates	677391.00E 6276213.60N	CPT Number		
Contract	11596	Latitude / Longitude		CB9-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.85			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/06/2021 to 04/06/2021	Page: 2/4		
Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods				QC Status		
				Preliminary	Draft	Final
		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	JK/BC	DR	SMc
		Base Inclination	X = 0.0° / Y = 0.0°	(03/06/2021)	(10/06/2021)	(10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

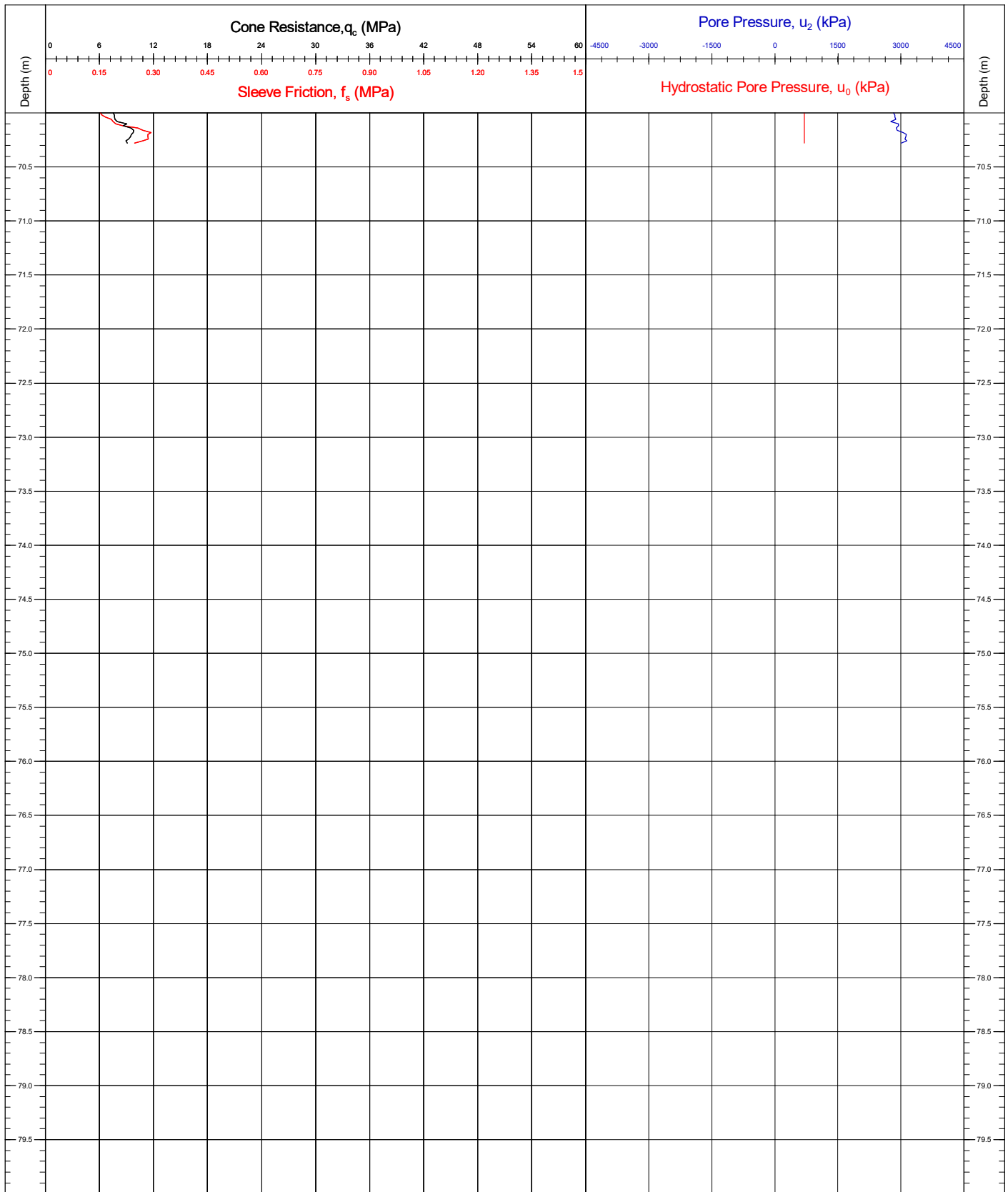


Area	Kattegat Sea	Coordinates	677391.00E 6276213.60N	CPT Number CB9-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.85	Page: 3/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/06/2021 to 04/06/2021	QC Status		
Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76			
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (03/06/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

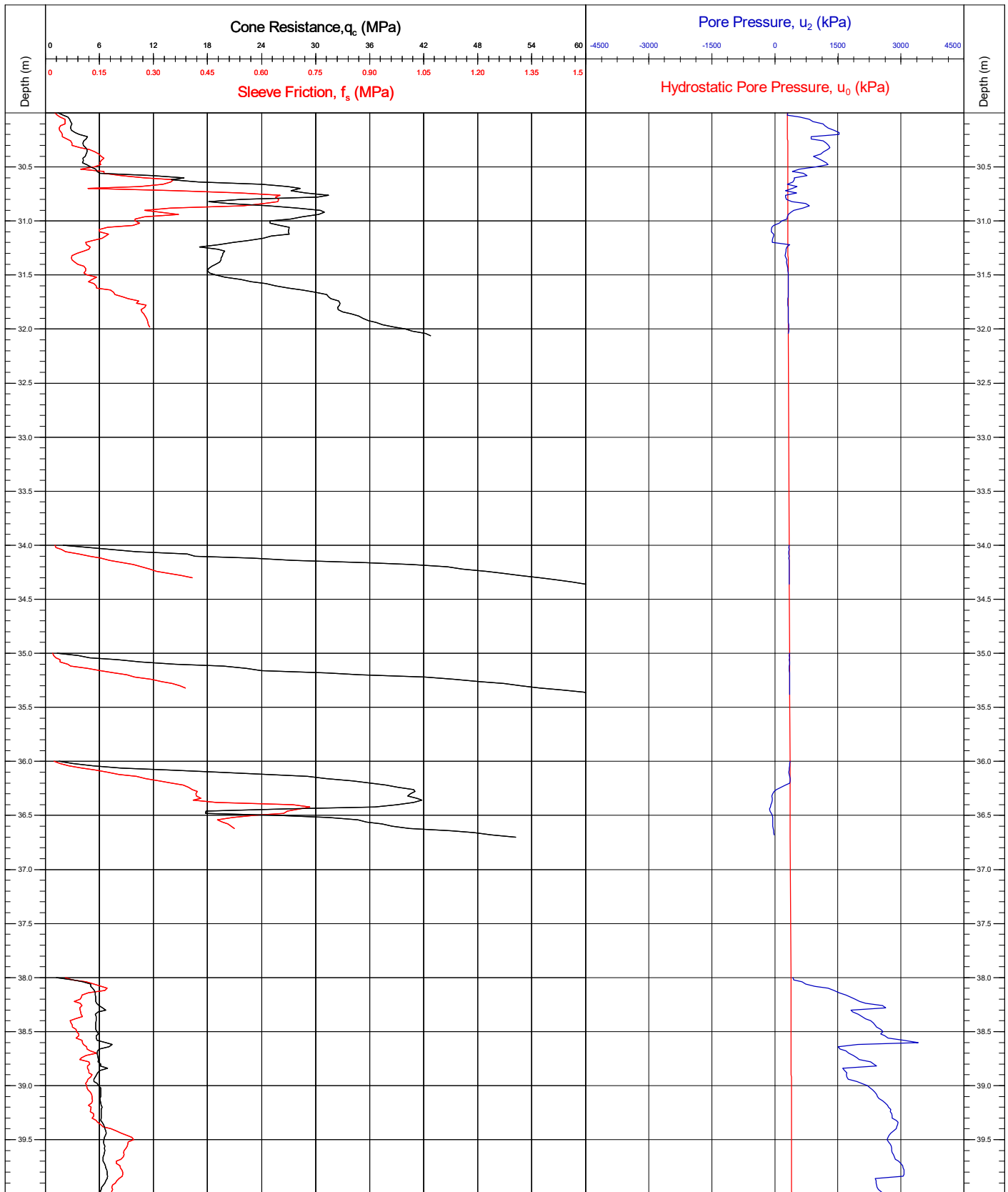
IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	677391.00E 6276213.60N	CPT Number CB9-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.85	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/06/2021 to 04/06/2021	QC Status		
Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	Preliminary		
		Base Inclination	X = 0.0° / Y = 0.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (03/06/2021)	DR (10/06/2021)	SMc (10/11/2021)

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

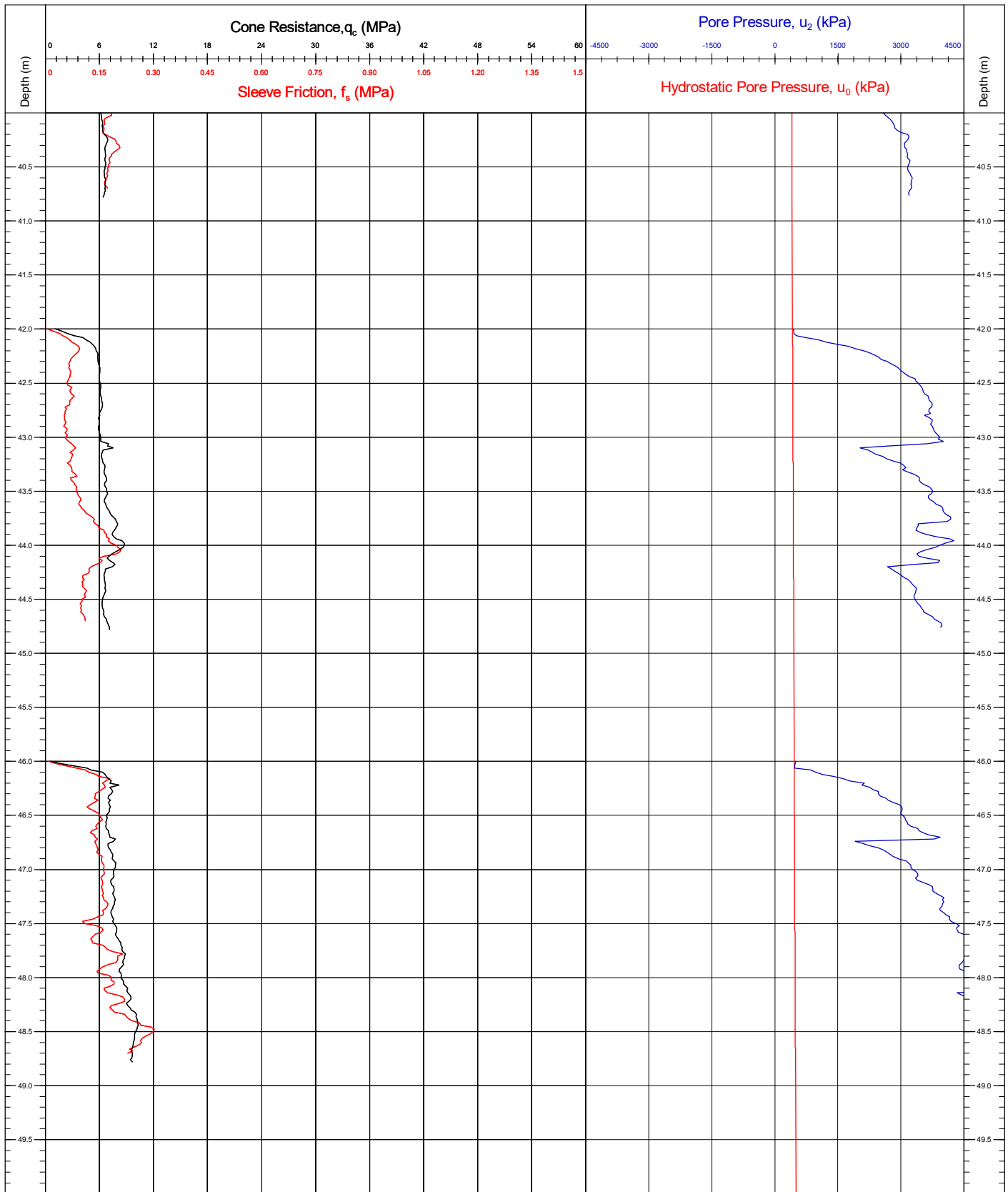


Area	Kattegat Sea	Coordinates	678755.50E 6261514.20N	CPT Number	
Contract	11596	Latitude / Longitude		CB10a-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	33.11	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	05/06/2021 to 06/06/2021	QC Status	
Comments: Borehole CB10a-BH was completed to a depth of 70.29m utilising API drilling - Wison CPT and push sampling methods.		Cone No.(size)/α Factor	121005G (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (05/06/2021)	DR (10/06/2021)
		CRS	ETRS89	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

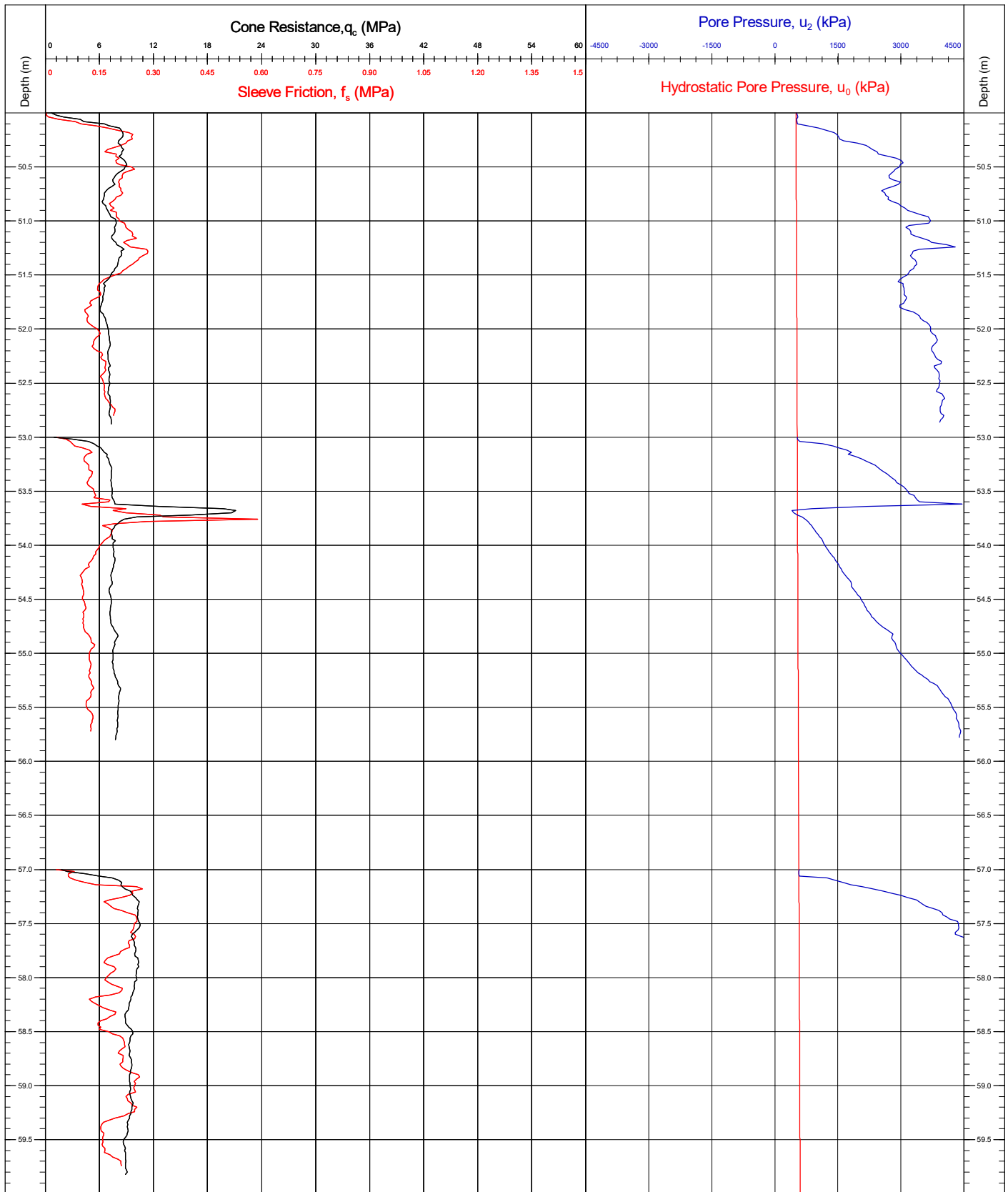


Area	Kattegat Sea	Coordinates	678755.50E 6261514.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB10a-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	33.11			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	05/06/2021 to 06/06/2021	Page: 2/4		
Comments: Borehole CB10a-BH was completed to a depth of 70.29m utilising API drilling - Wison CPT and push sampling methods.		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

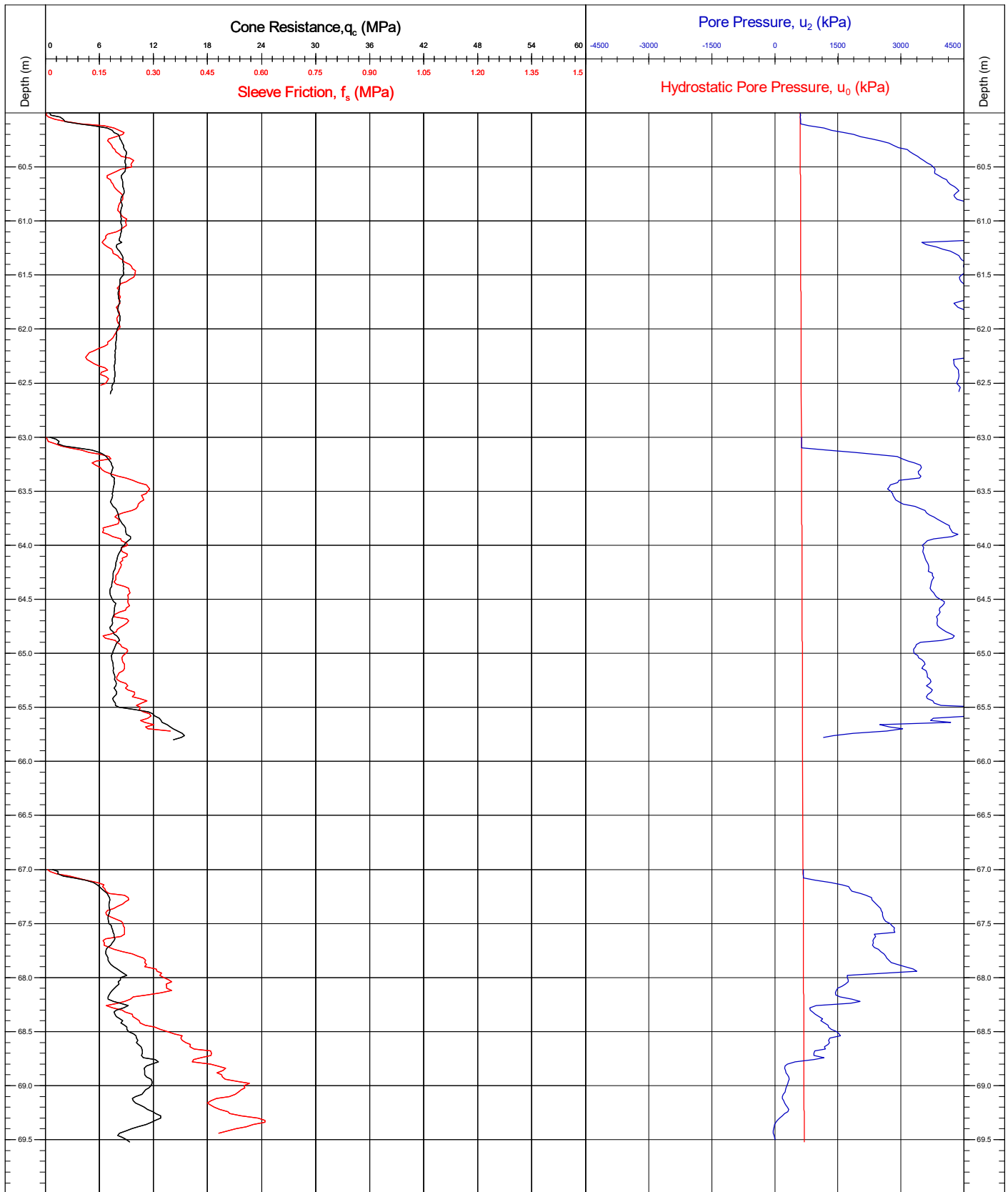


Area	Kattegat Sea	Coordinates	678755.50E 6261514.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB10a-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	33.11			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	05/06/2021 to 06/06/2021	Page: 3/4		
Comments: Borehole CB10a-BH was completed to a depth of 70.25m utilising API drilling - Wison CPT and push sampling methods.				QC Status		
				Cone No.(size)/ α Factor Base Inclination CRS ETRS89	121005G (10cm ²) / 0.78 X = 0.0° / Y = 0.0°	



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IN SITU CPTU TESTING - MEASURED PARAMETERS

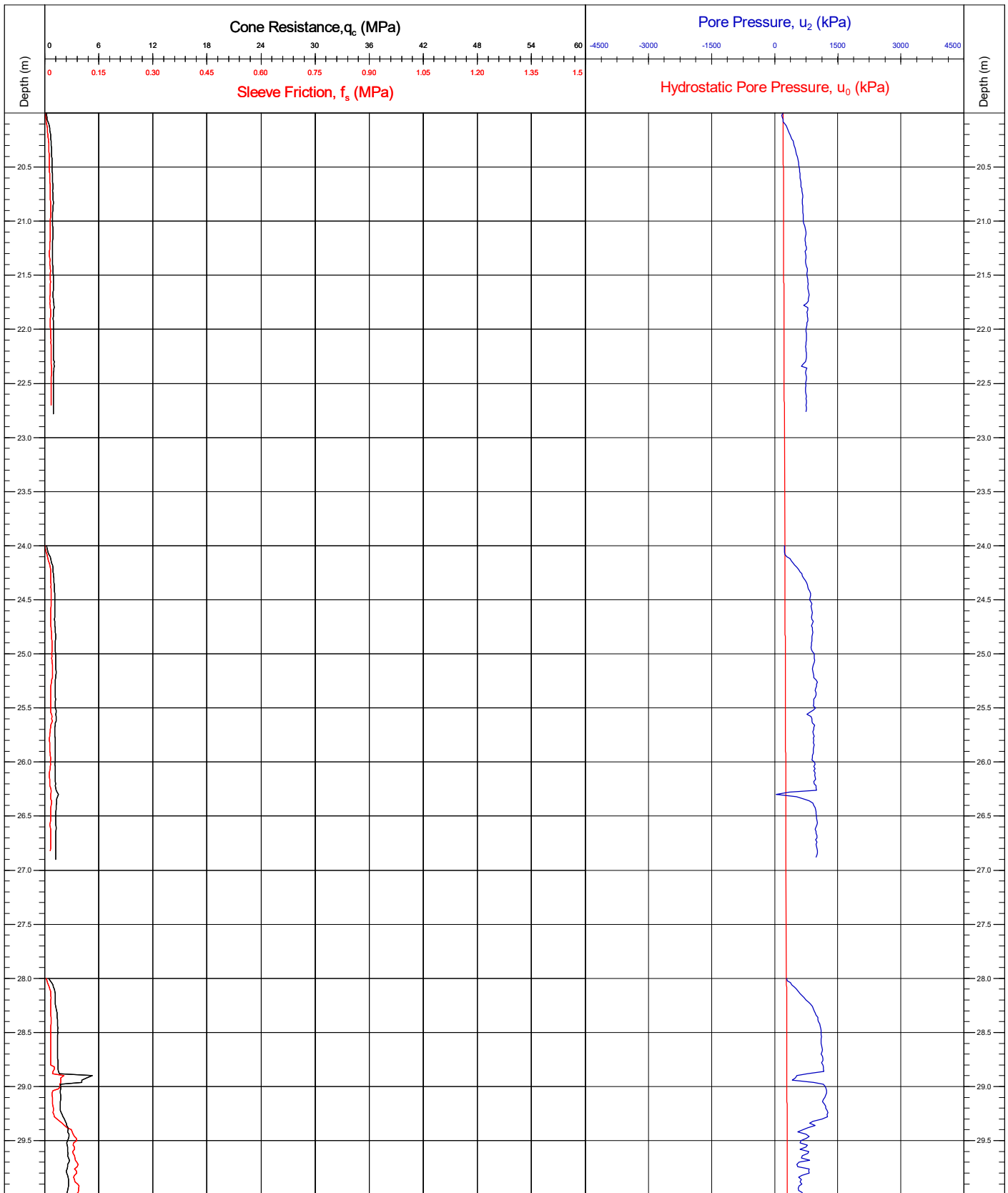


Area	Kattegat Sea	Coordinates	678755.50E 6261514.20N	CPT Number	
Contract	11596	Latitude / Longitude		CB10a-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	33.11		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	05/06/2021 to 06/06/2021	Page: 4/4	
Comments: Borehole CB10a-BH was completed to a depth of 70.29m utilising API drilling - Wison CPT and push sampling methods.			Cone No.(size)/ α Factor	QC Status	
			Base Inclination	X = 0.0° / Y = 0.0°	
			CRS	ETRS89	
		Preliminary	Draft	Final	
		JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

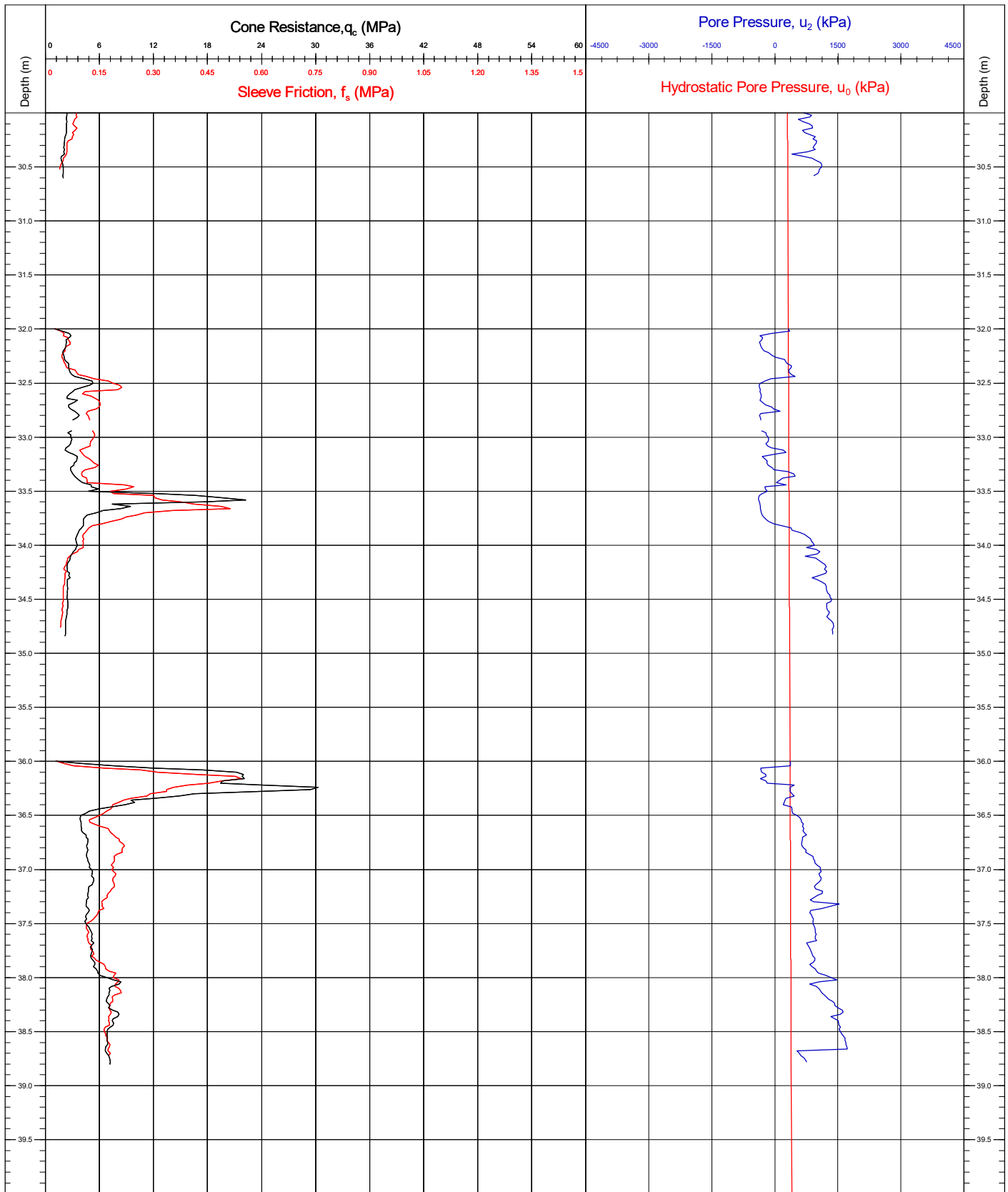


Area	Kattegat Sea	Coordinates	678372.10E 6256261.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB11-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.48			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	22/05/2021 to 23/05/2021	Page: 1/4		
Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (23/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

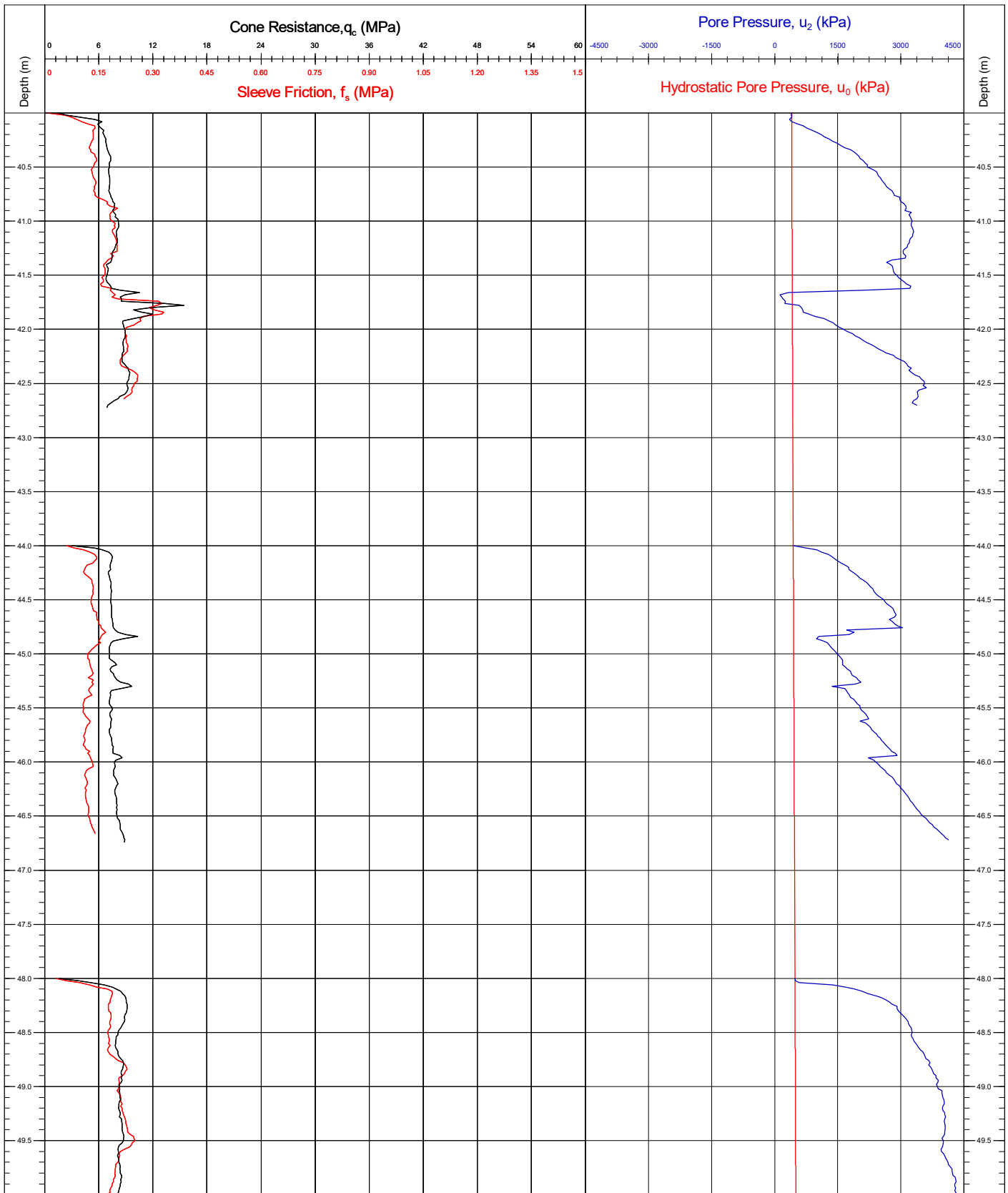


Area	Kattegat Sea	Coordinates	678372.10E 6256261.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB11-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.48			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	22/05/2021 to 23/05/2021	Page: 2/4		
<small>Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.</small>		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (23/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

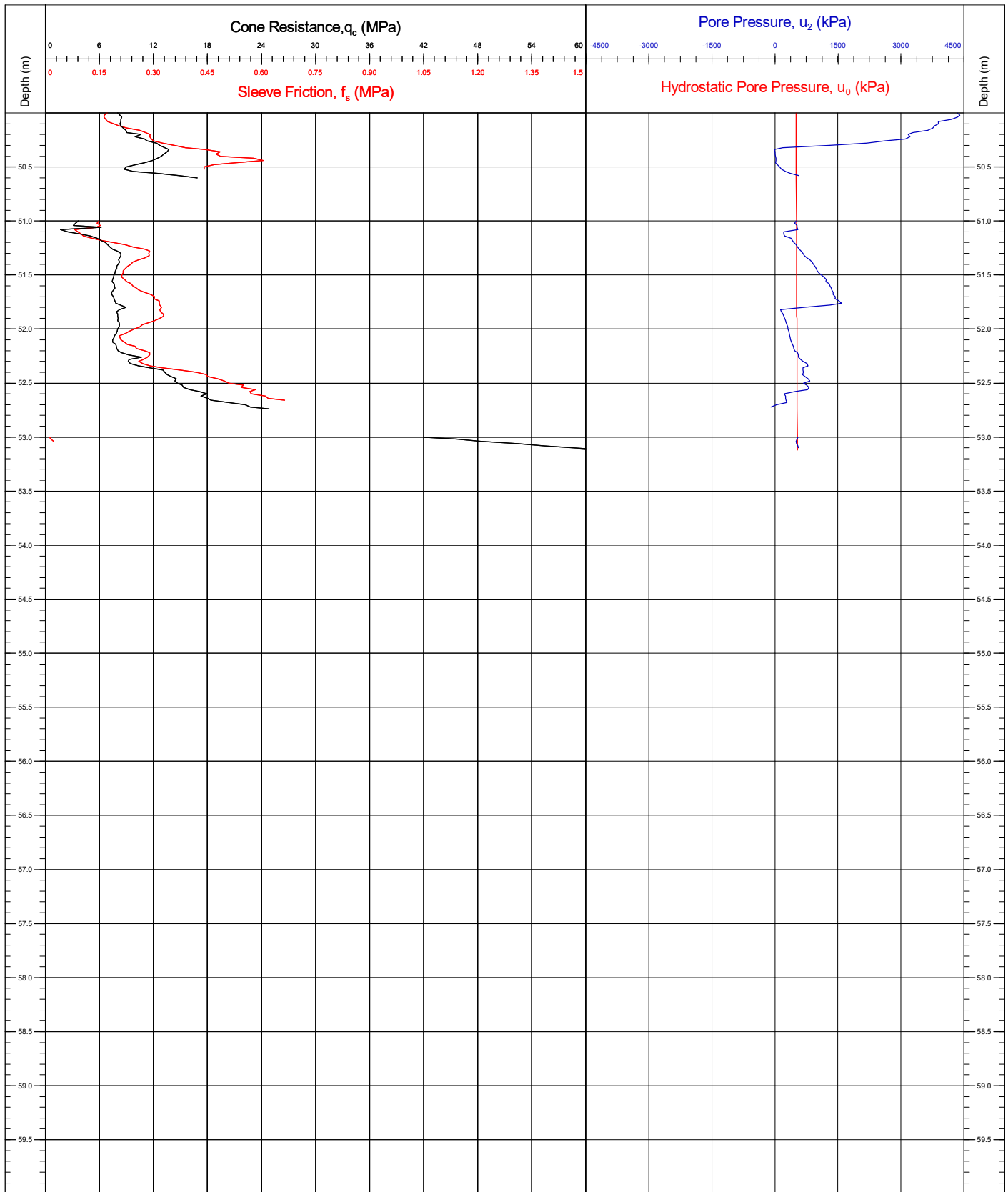


Area	Kattegat Sea	Coordinates	678372.10E 6256261.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB11-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.48			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	22/05/2021 to 23/05/2021	Page: 3/4		
<small>Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.</small>		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (23/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

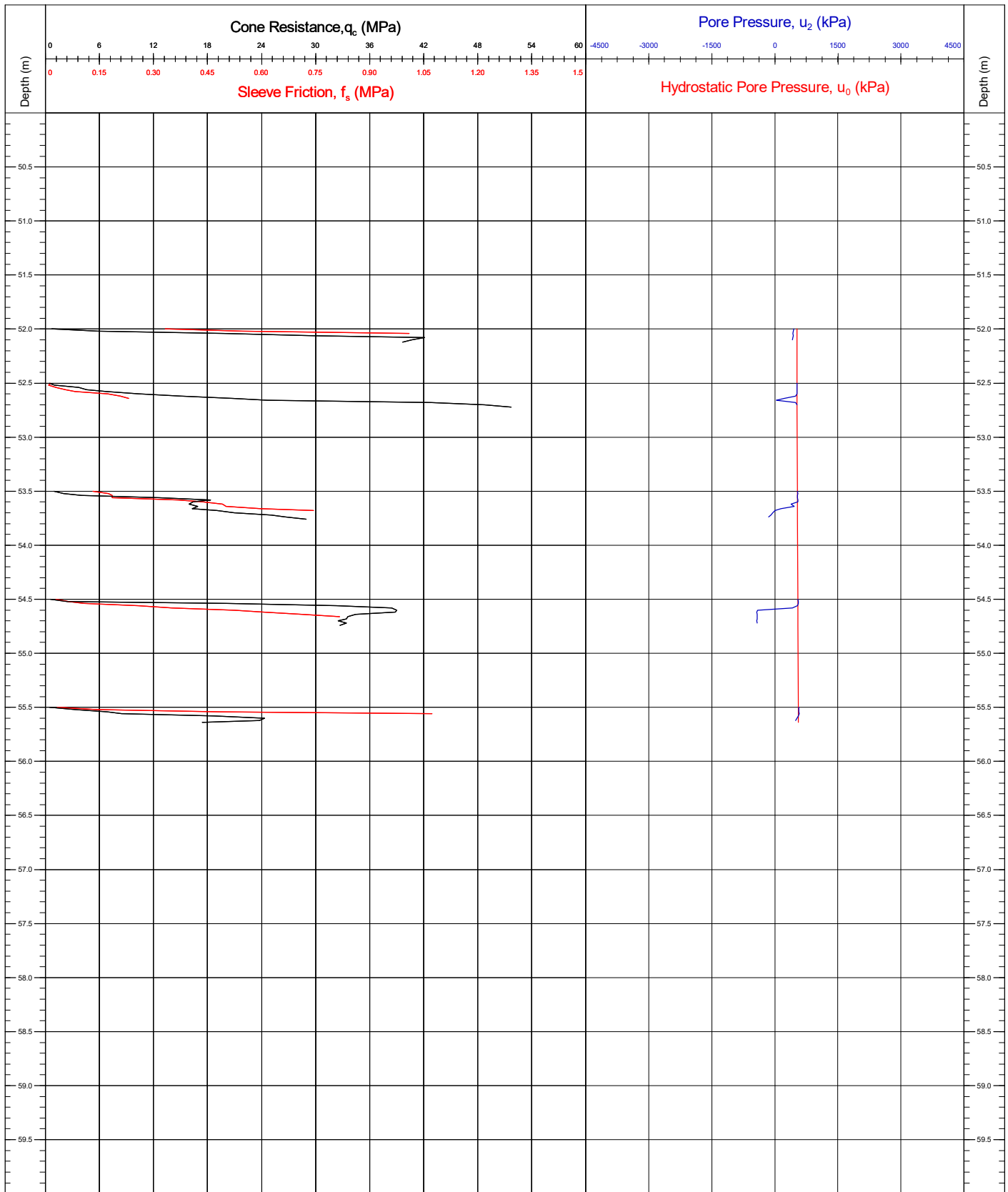


Area	Kattegat Sea	Coordinates	678372.10E 6256261.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB11-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.48			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	22/05/2021 to 23/05/2021	Page: 4/4		
Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (23/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

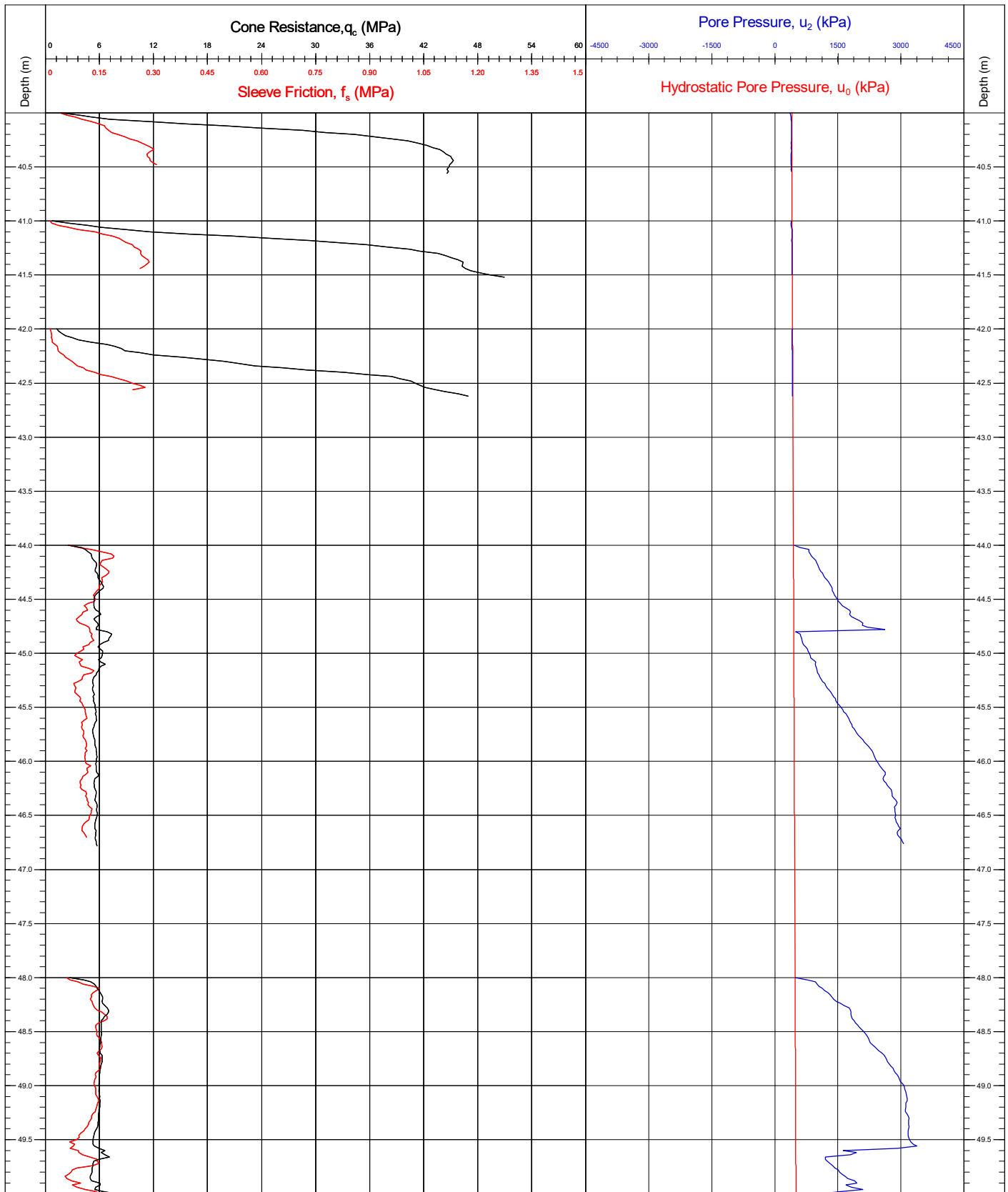


Area	Kattegat Sea	Coordinates	678366.70E 6256257.10N	CPT Number			
Contract	11596	Latitude / Longitude		CB11a-BH			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54				
Vessel	MV Ocean Vantage	Date of Test	24/05/2021	Page: 1/1			
<small>Comments: Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling - Wilson CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.</small>				QC Status			
				Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		JK/BC	DR	SMc
		CRS	ETRS89		(24/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

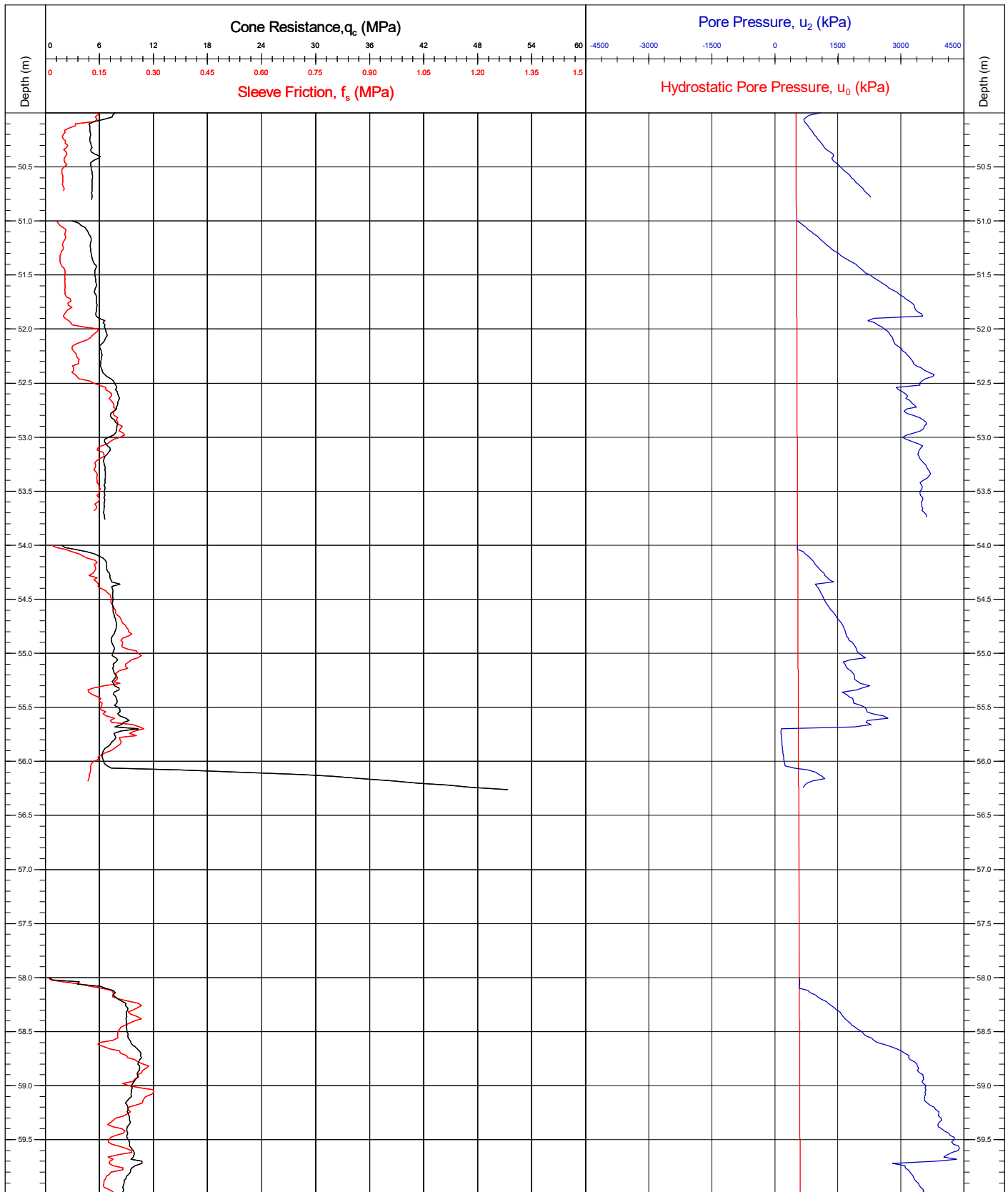


Area	Kattegat Sea	Coordinates	677450.40E 6270639.00N	CPT Number		
Contract	11596	Latitude / Longitude		CB12-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.86			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	02/06/2021 to 03/06/2021	Page: 1/3		
Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (02/06/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

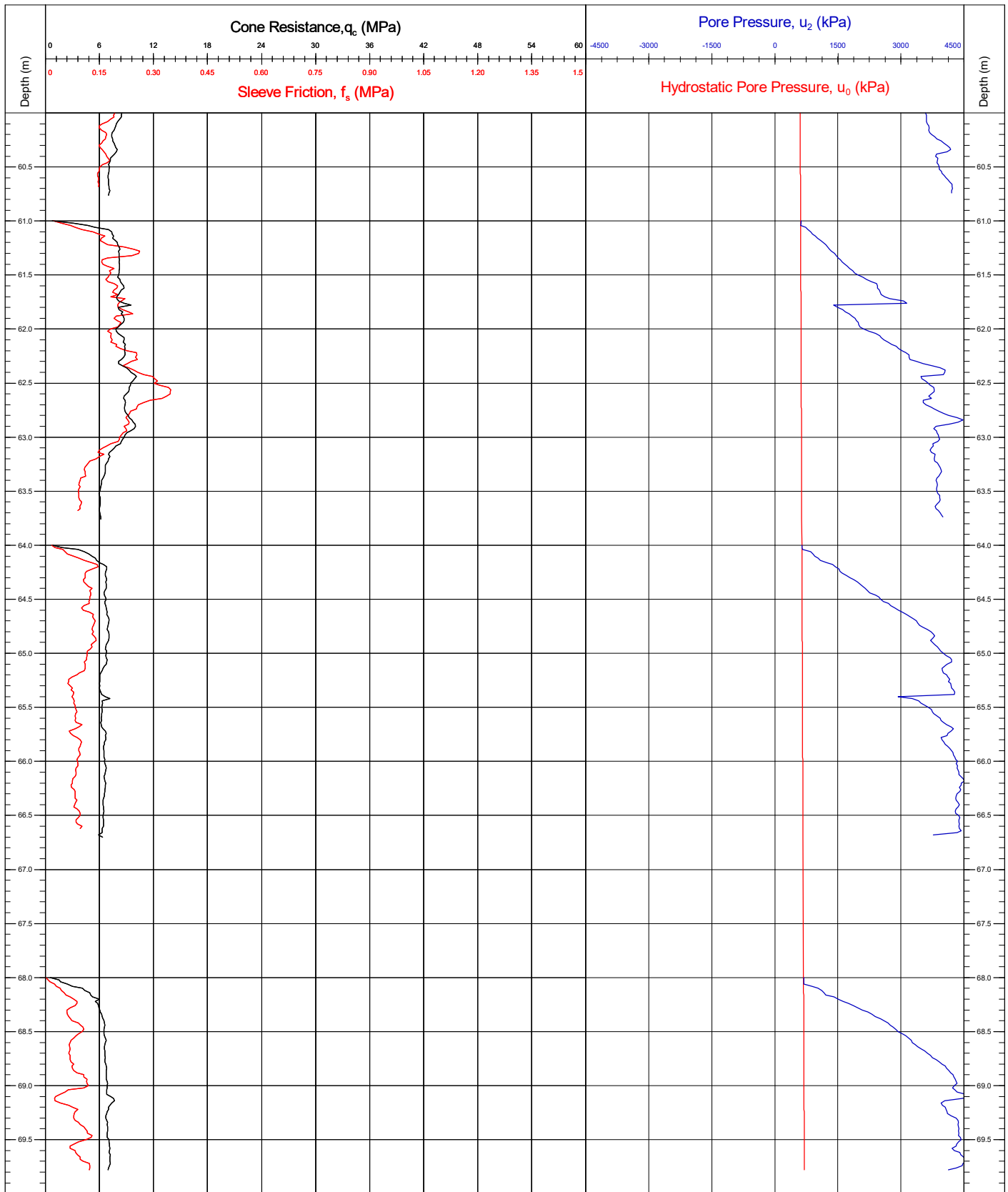


Area	Kattegat Sea	Coordinates	677450.40E 6270639.00N	CPT Number	
Contract	11596	Latitude / Longitude		CB12-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.86	Page: 2/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	02/06/2021 to 03/06/2021	QC Status	
Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(02/06/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

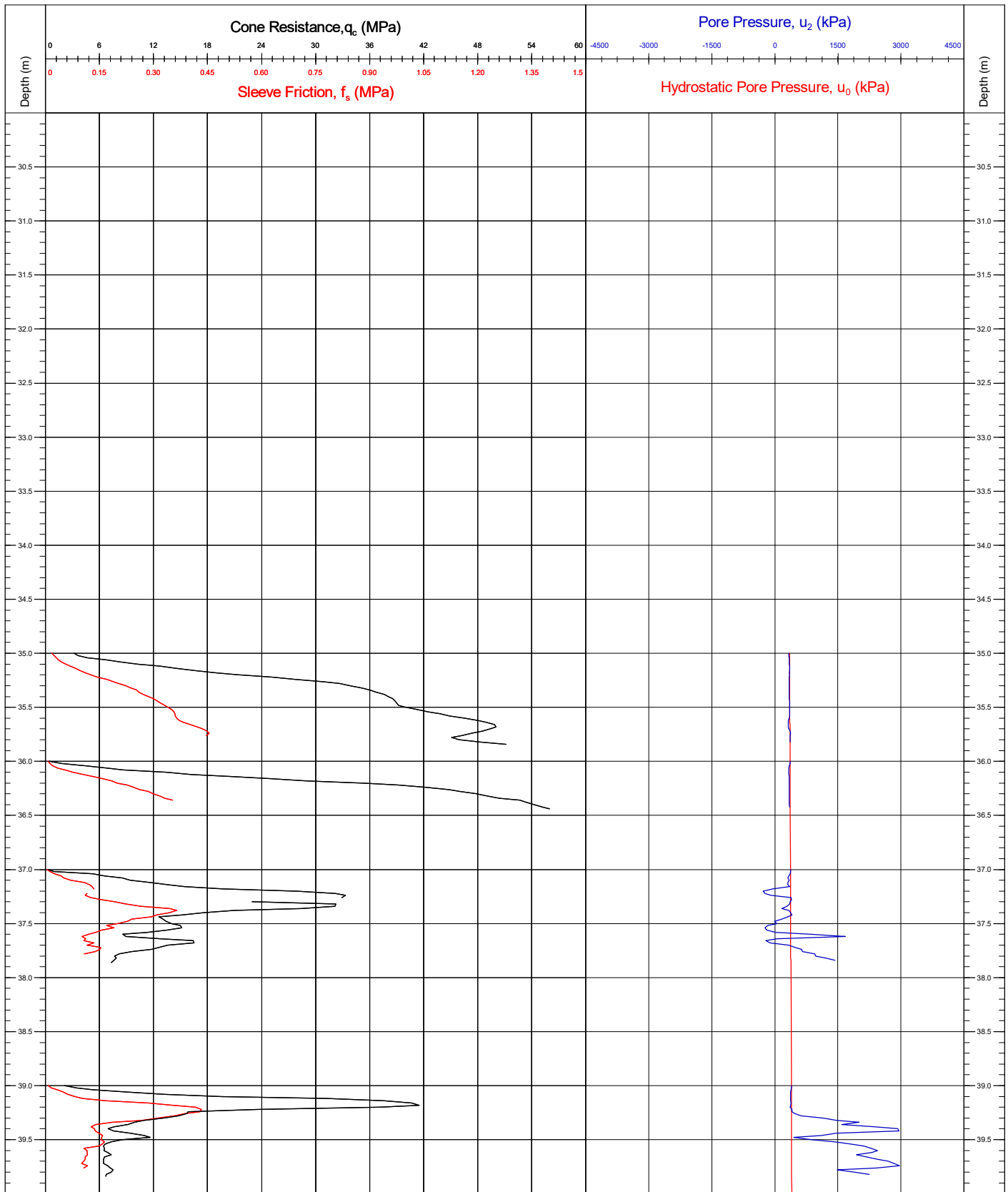


Area	Kattegat Sea	Coordinates	677450.40E 6270639.00N	CPT Number		
Contract	11596	Latitude / Longitude		CB12-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.86			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	02/06/2021 to 03/06/2021	Page: 3/3		
Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (02/06/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

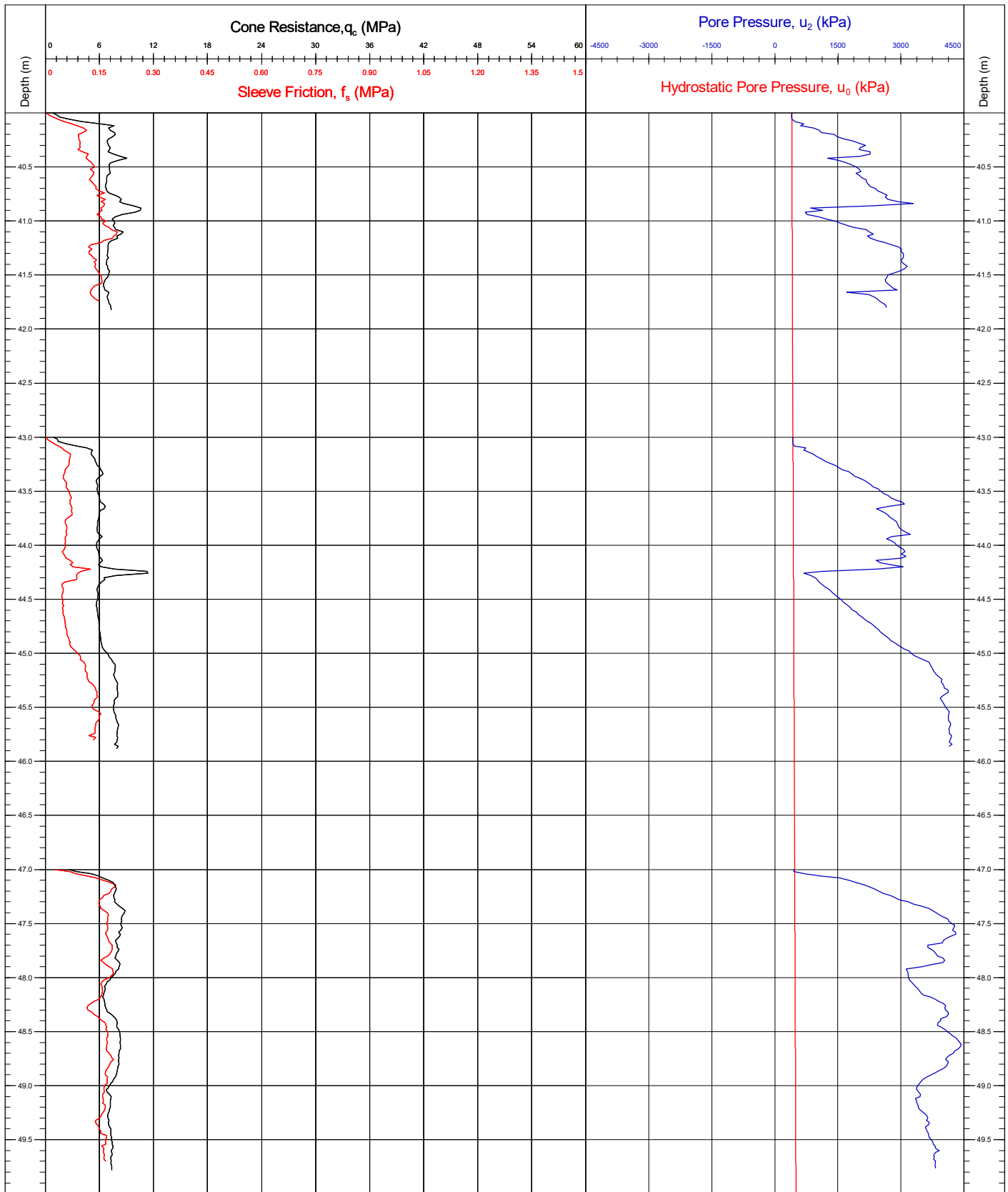


Area	Kattegat Sea	Coordinates	670639.20E	6262915.30N	CPT Number		
Contract	11596	Latitude / Longitude			CB13-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.92				
Vessel	MV Ocean Vantage	Date of Test (Start/End)	12/05/2021 to 14/05/2021		Page: 1/4		
Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78		QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (14/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

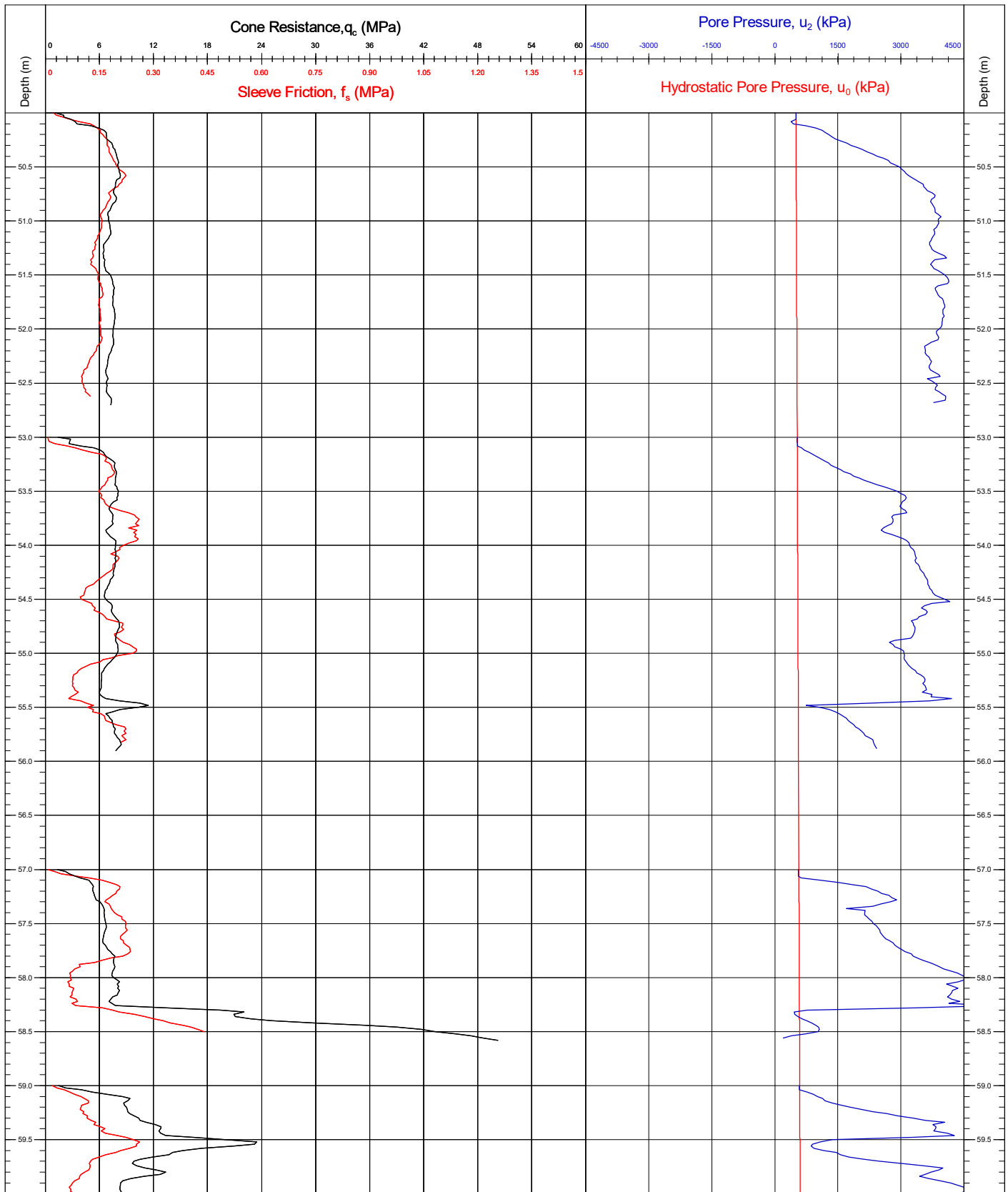


Area	Kattegat Sea	Coordinates	670639.20E 6262915.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB13-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.92			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	12/05/2021 to 14/05/2021	Page: 2/4		
Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/α Factor	101017 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (14/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

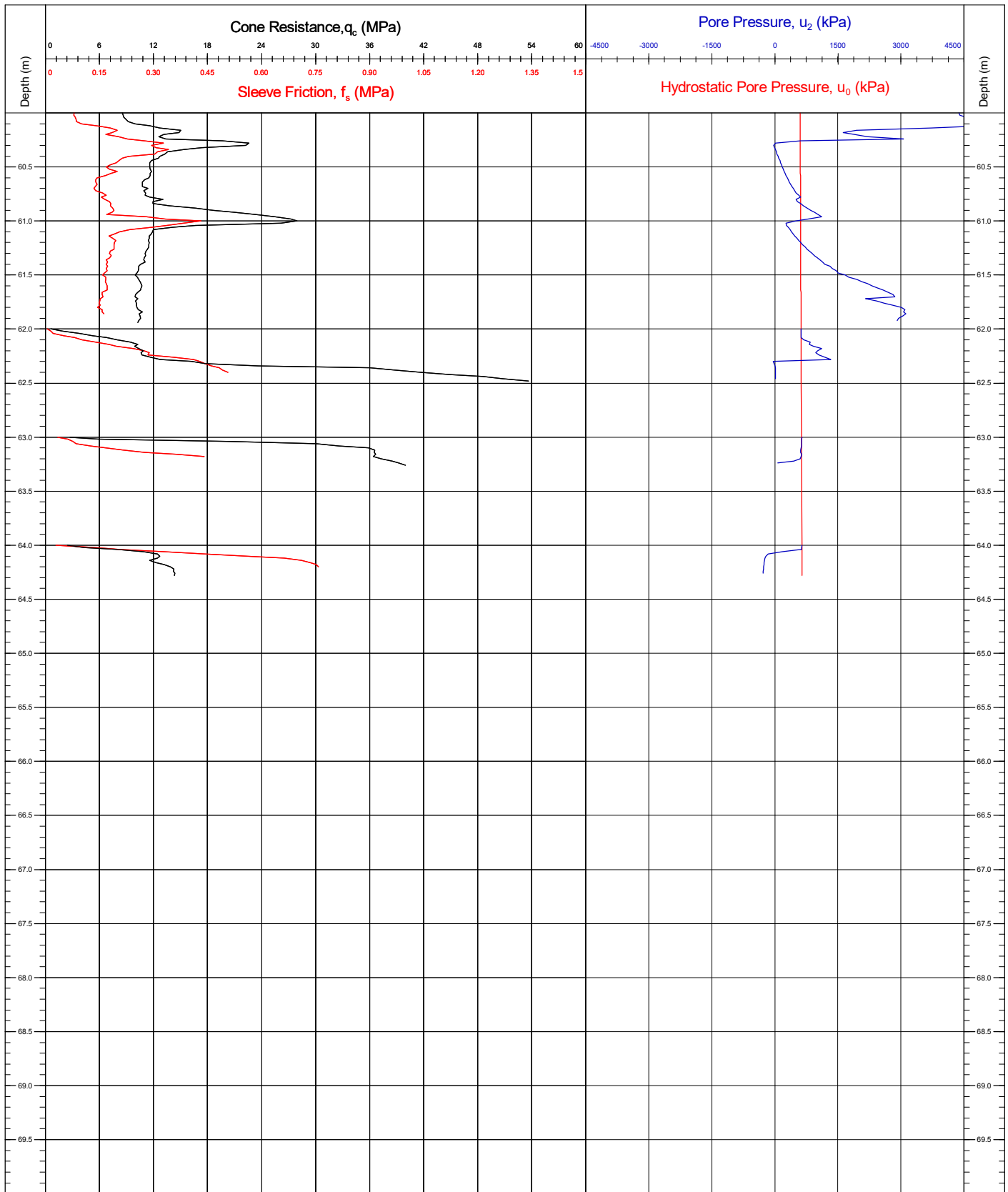


Area	Kattegat Sea	Coordinates	670639.20E 6262915.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB13-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.92			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	12/05/2021 to 14/05/2021	Page: 3/4		
Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (14/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

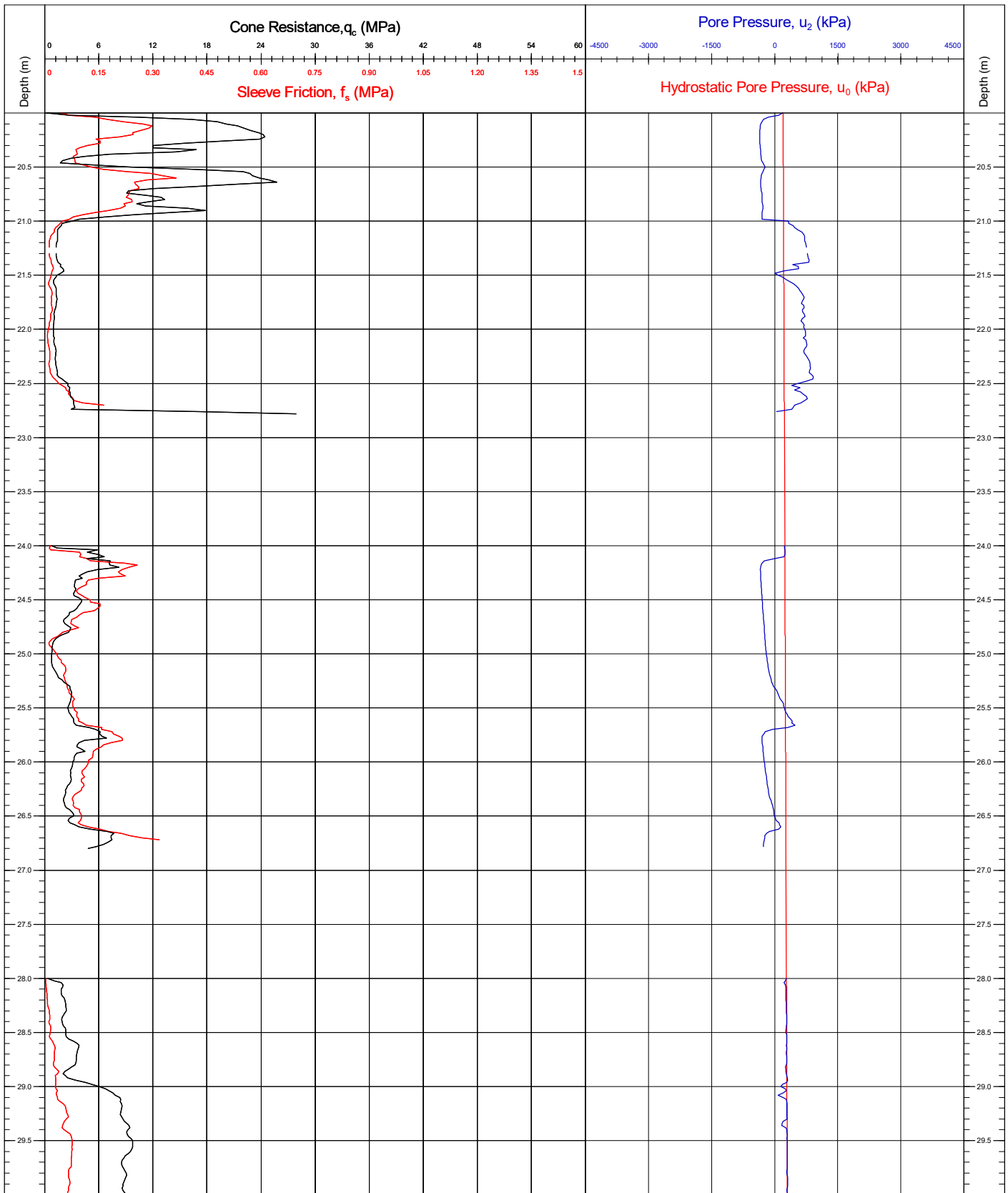


Area	Kattegat Sea	Coordinates	670639.20E	6262915.30N	CPT Number
Contract	11596	Latitude / Longitude			CB13-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.92		Page: 4/4
Vessel	MV Ocean Vantage	Date of Test (Start/End)	12/05/2021 to 14/05/2021		QC Status
Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/α Factor	101017 (10cm ²) / 0.78		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
					JK/BC (14/05/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

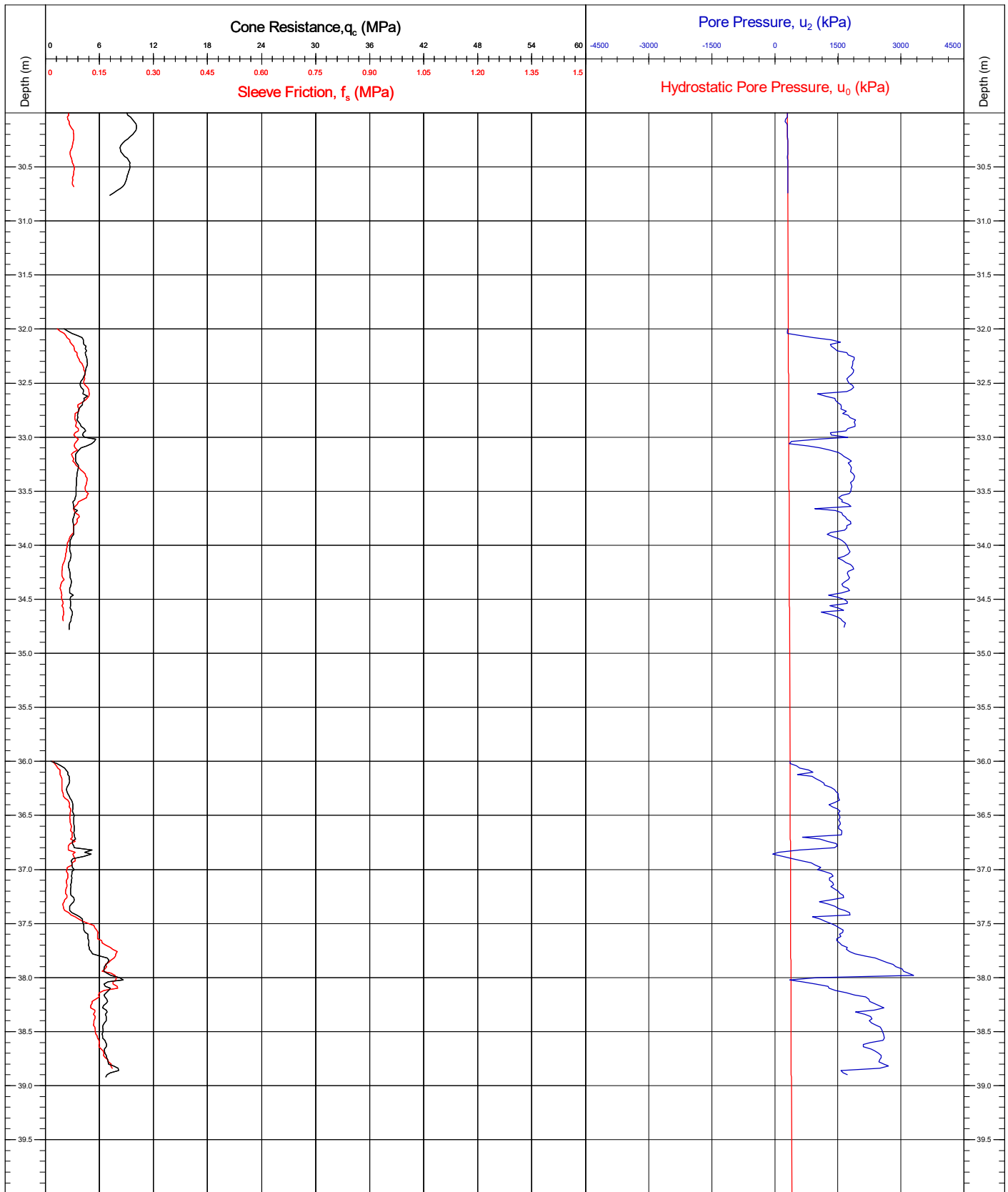


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB14-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	Page: 1/5		
Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.				QC Status		
				Preliminary	Draft	Final
		Cone No.(size)/ α Factor	121126 (10cm ²) / 0.79	JK/BC	DR	SMc
		Base Inclination	X = 0.0° / Y = 0.0°	(21/05/2021)	(10/06/2021)	(10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

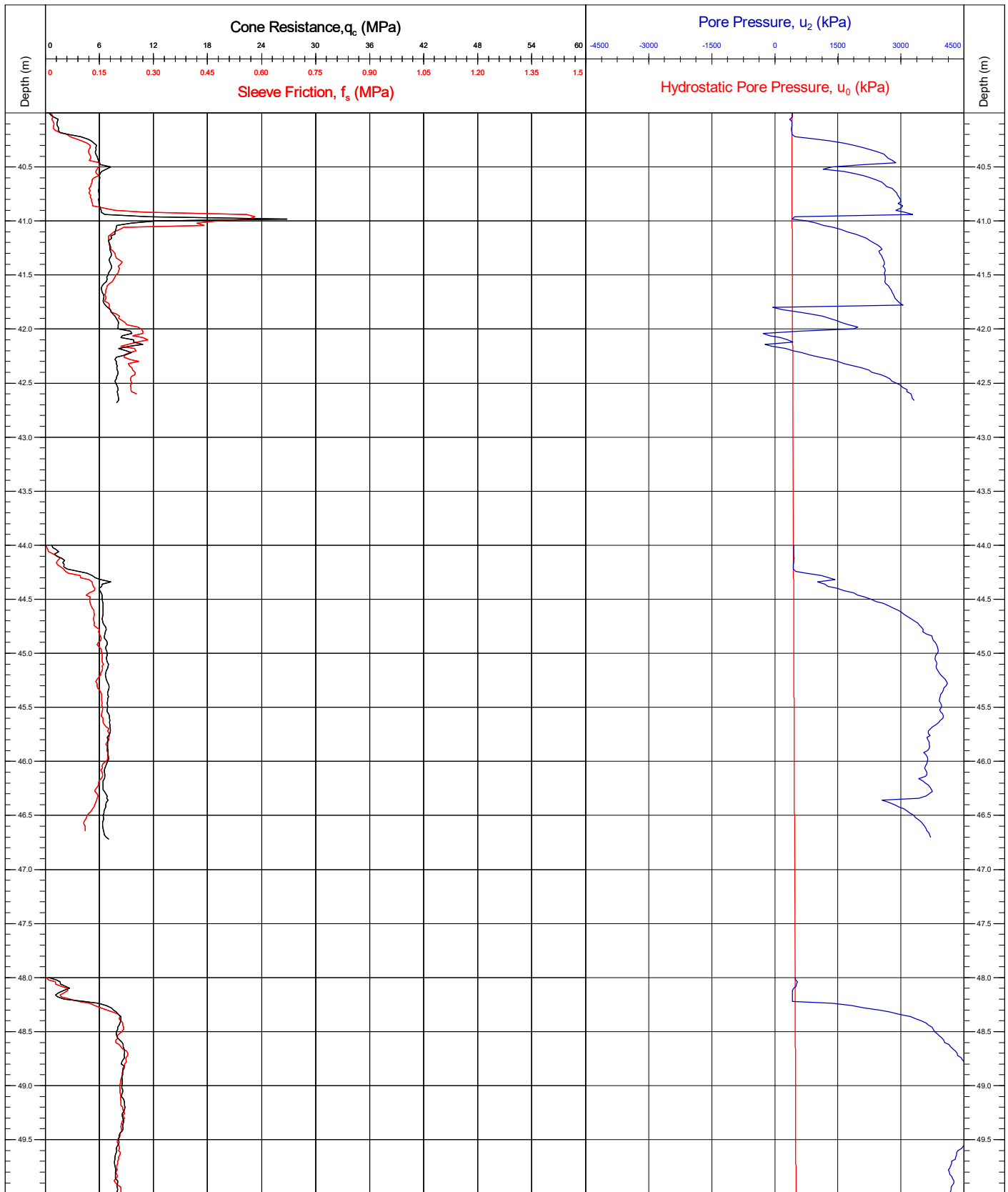


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB14-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	Page: 2/5		
Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	121126 (10cm ²) / 0.79	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (21/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

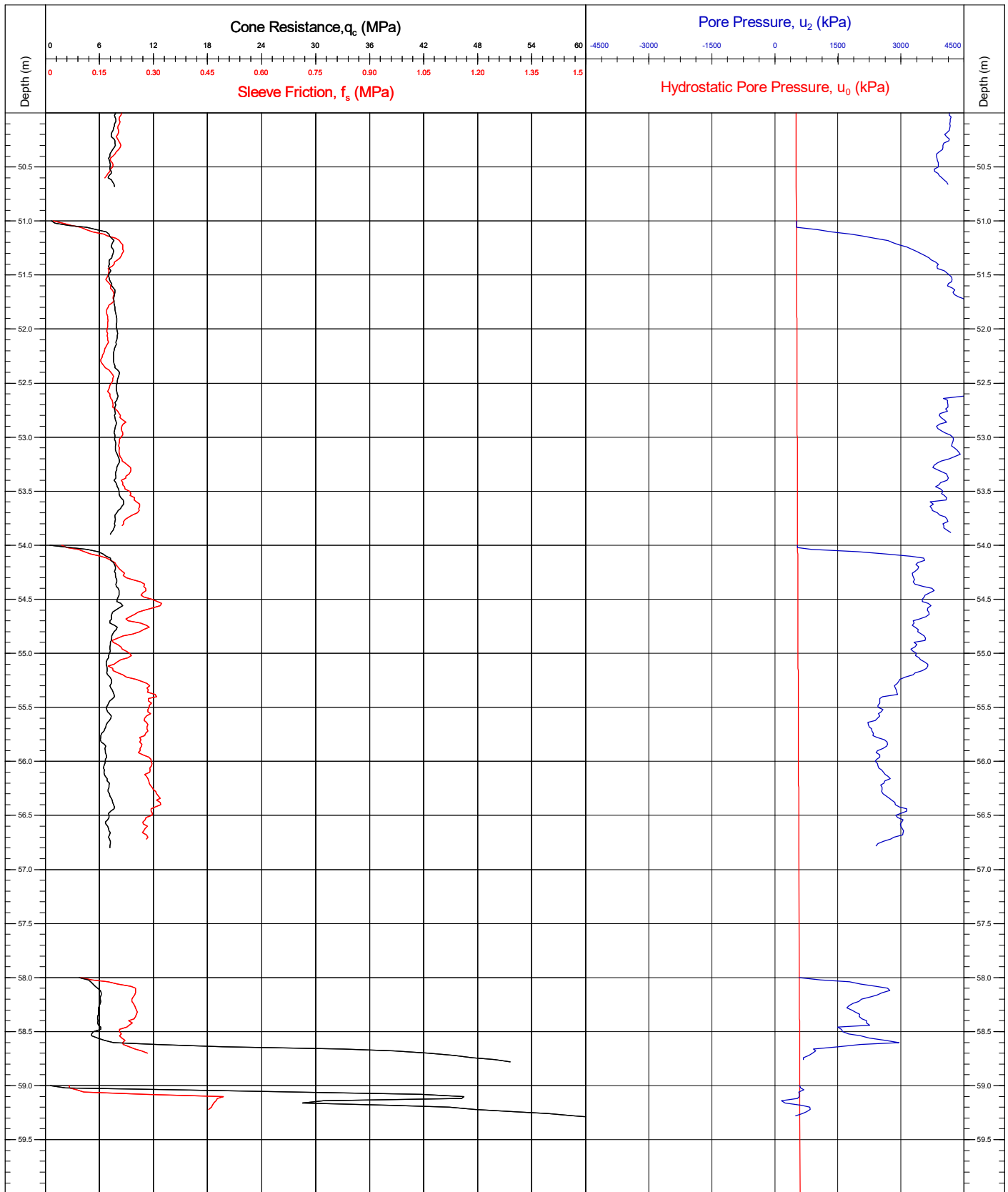


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB14-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 3/5	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	QC Status	
Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/α Factor	121126 (10cm ²) / 0.79	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(21/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

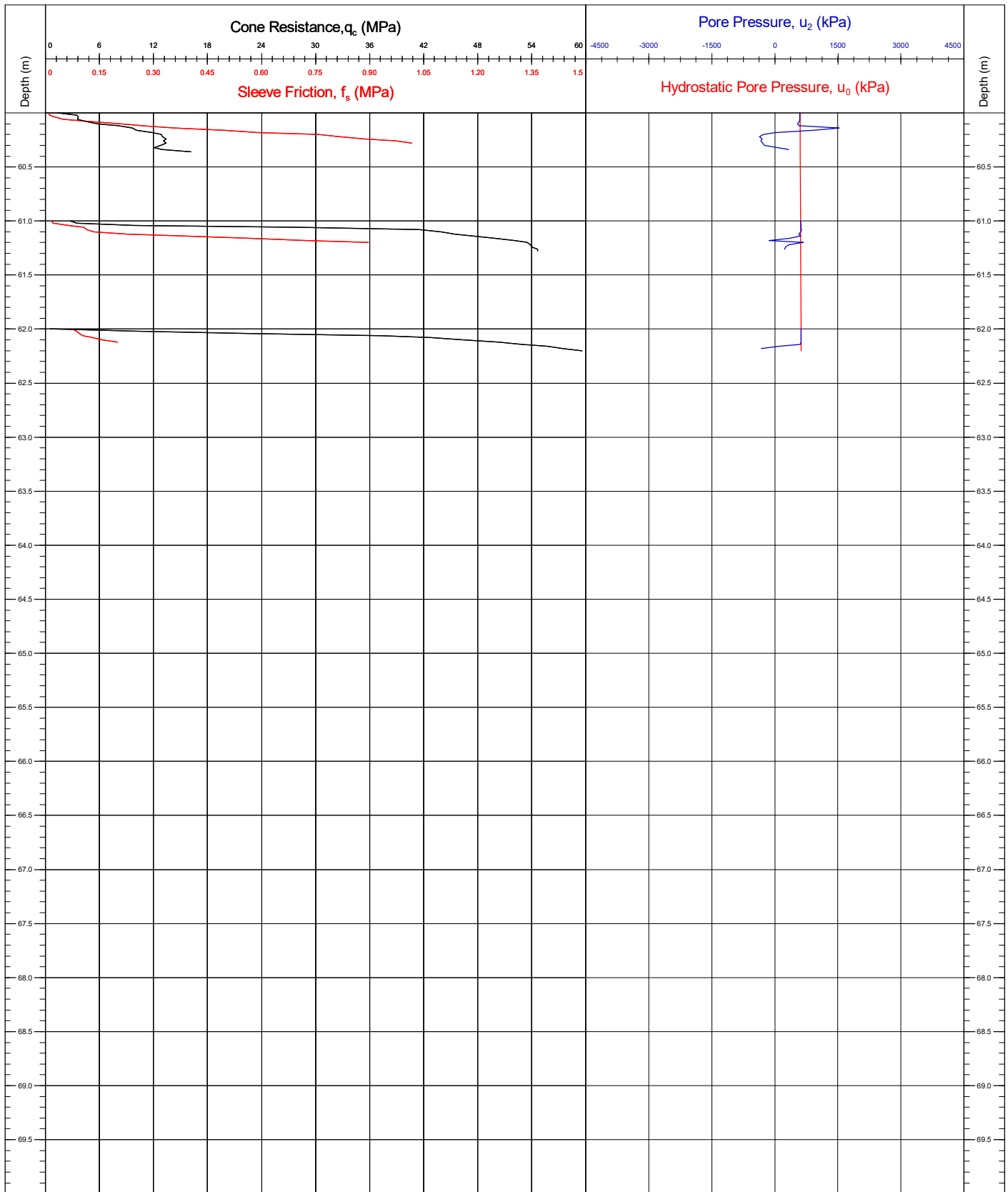


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB14-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	Page: 4/5		
Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.				QC Status		
				Cone No.(size)/ α Factor 121126 (10cm ²) / 0.79		
				Base Inclination X = 0.0° / Y = 0.0°		
				Preliminary Draft Final JK/BC DR SMc (21/05/2021) (10/06/2021) (10/11/2021)		
CRS ETRS89						



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

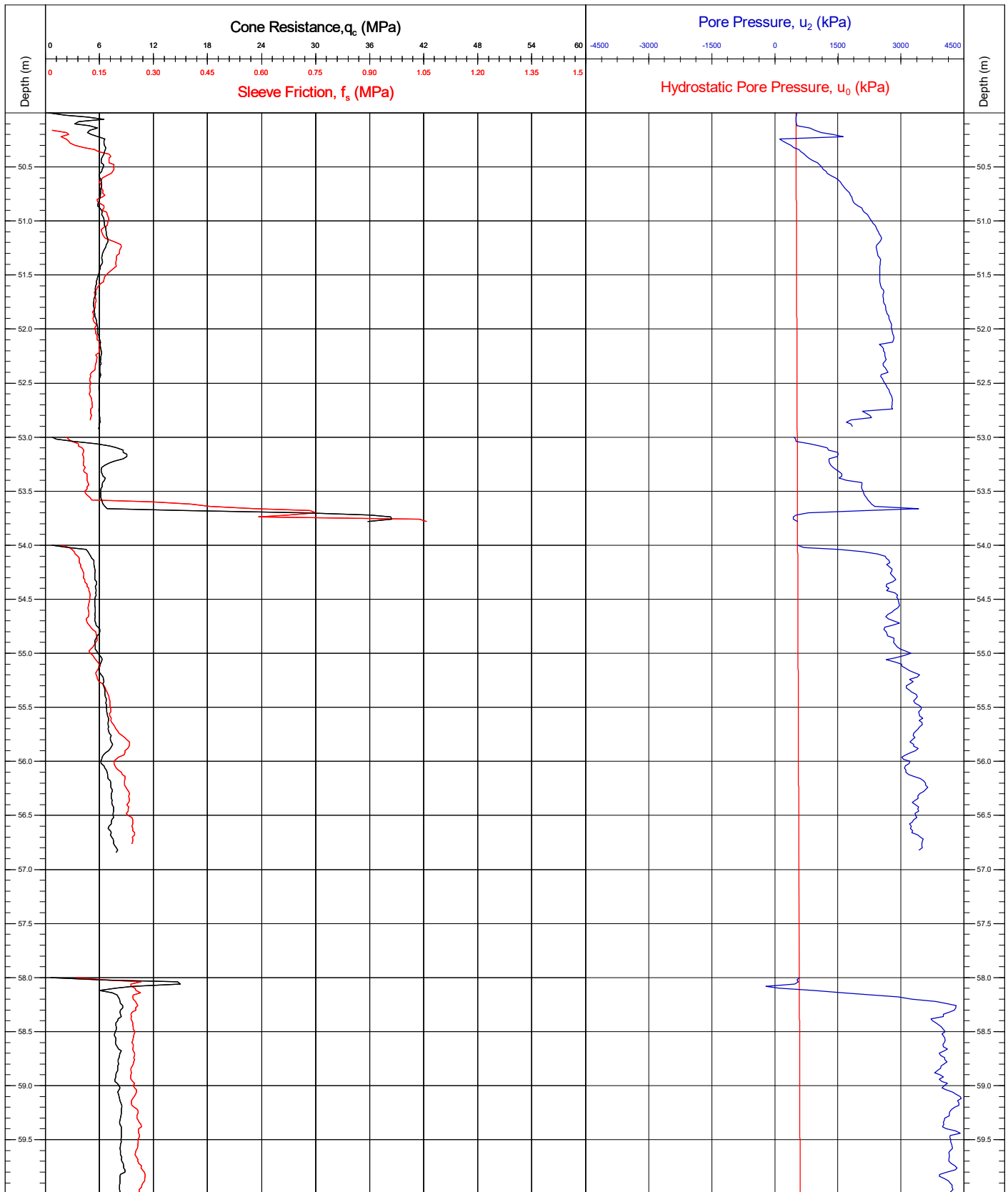


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB14-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	Page: 5/5		
Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wison CPT and push sampling methods.				QC Status		
				Preliminary	Draft	Final
		Cone No.(size)/ α Factor	121126 (10cm ²) / 0.79	JK/BC	DR	SMc
		Base Inclination	X = 0.0° / Y = 0.0°	(21/05/2021)	(10/06/2021)	(10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

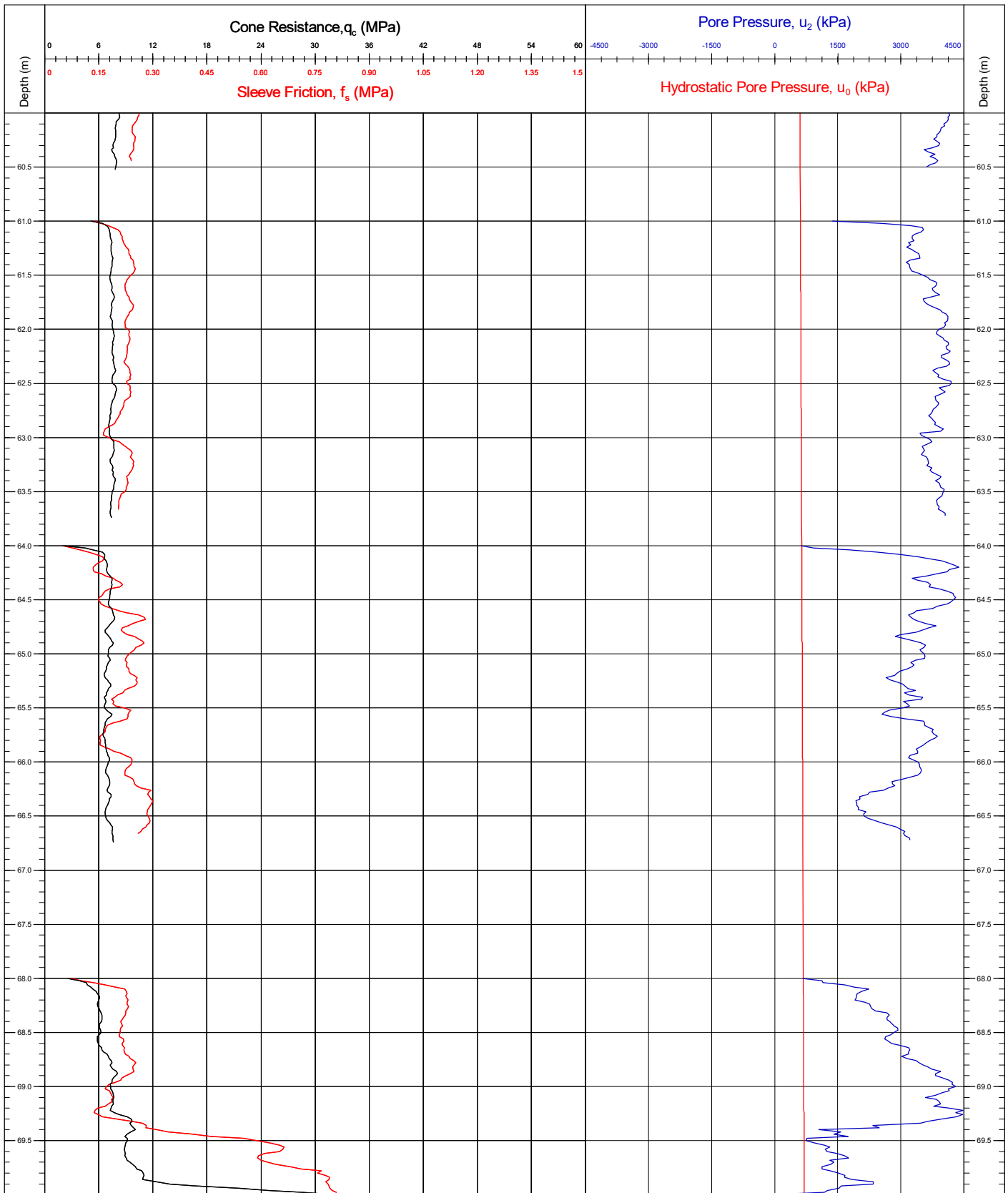


Area	Kattegat Sea	Coordinates	674181.30E 6265901.10N	CPT Number		
Contract	11596	Latitude / Longitude		OSS1-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.74			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	31/05/2021 to 02/06/2021	Page: 1/3		
Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	121004 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (31/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

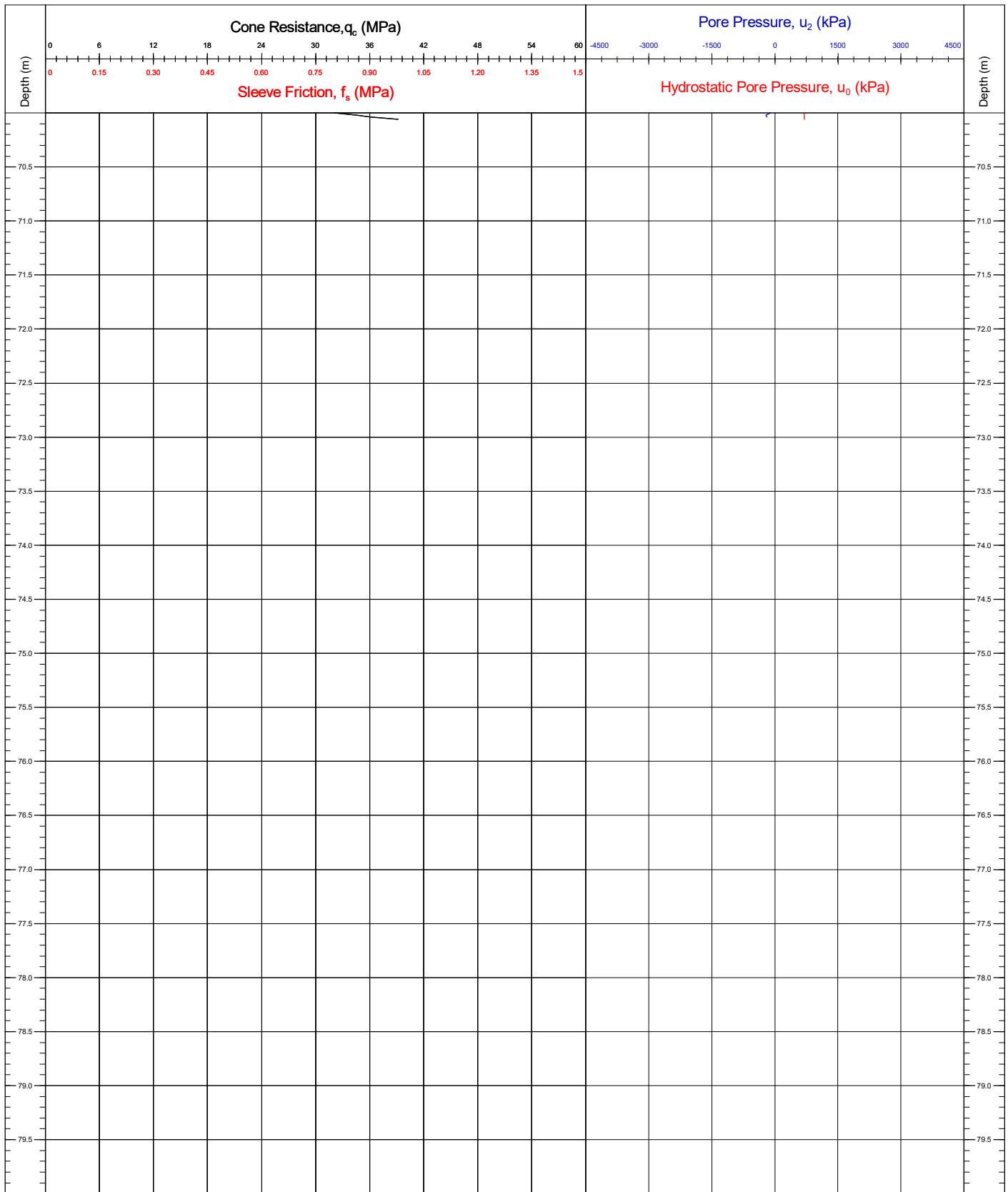


Area	Kattegat Sea	Coordinates	674181.30E 6265901.10N	CPT Number	
Contract	11596	Latitude / Longitude		OSS1-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.74	Page: 2/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	31/05/2021 to 02/06/2021	QC Status	
Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/α Factor	121004 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(31/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

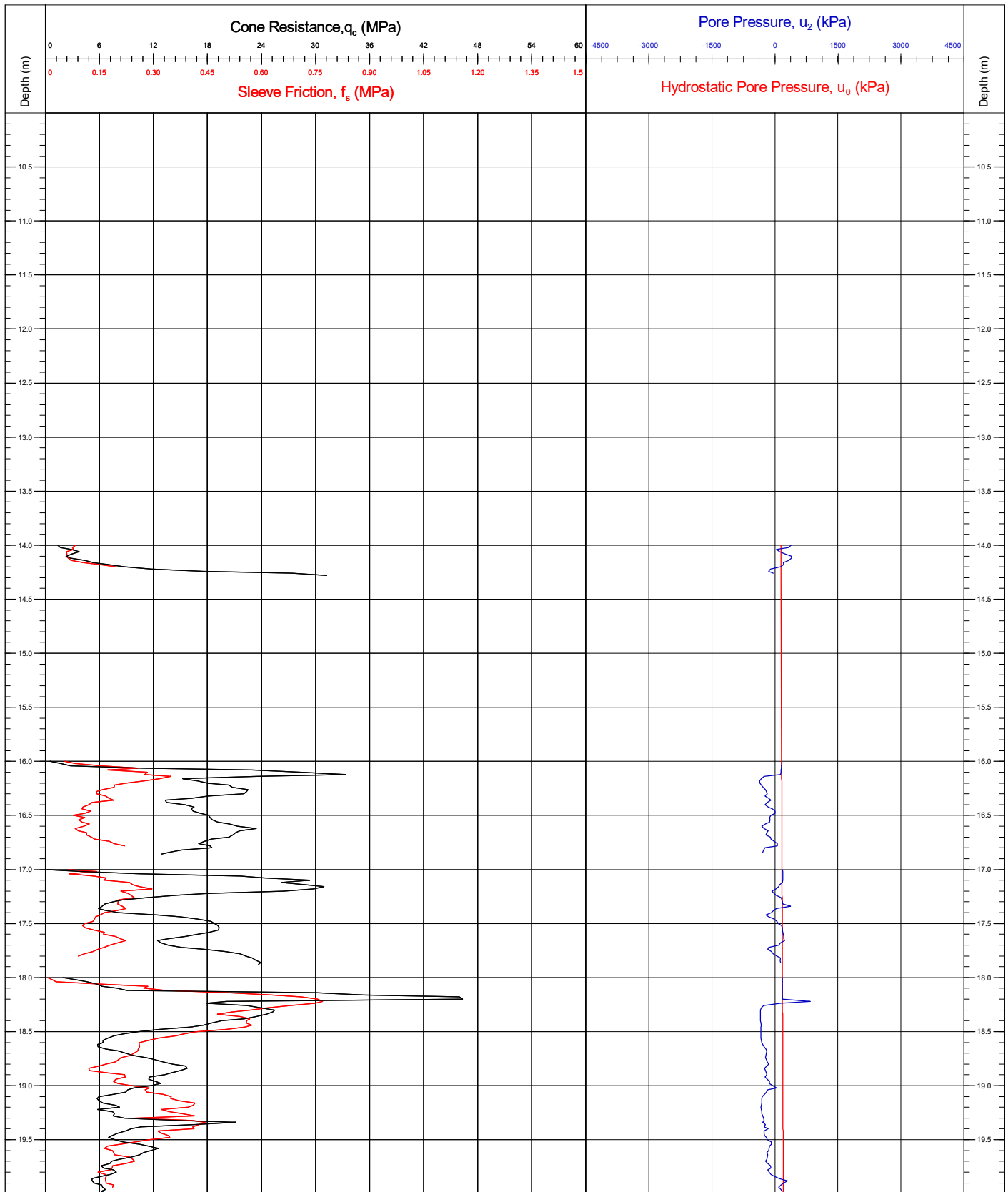


Area	Kattegat Sea	Coordinates	674181.30E 6265901.10N	CPT Number	
Contract	11596	Latitude / Longitude		OSS1-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.74	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	31/05/2021 to 02/06/2021	QC Status	
Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.		Cone No.(size)/ α Factor	121004 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(31/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

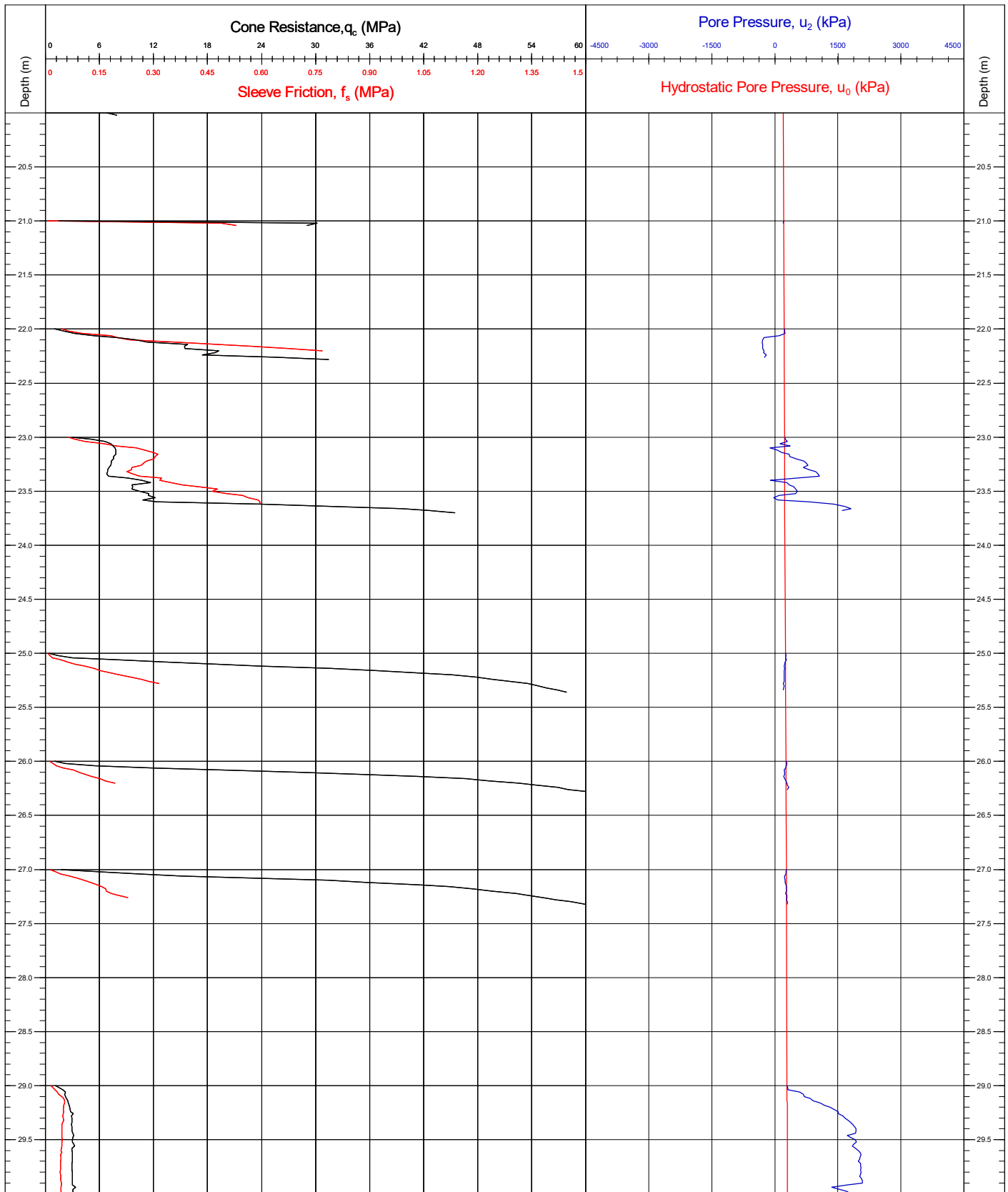


Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number		
Contract	11596	Latitude / Longitude		OSS2-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	Page: 1/6		
Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

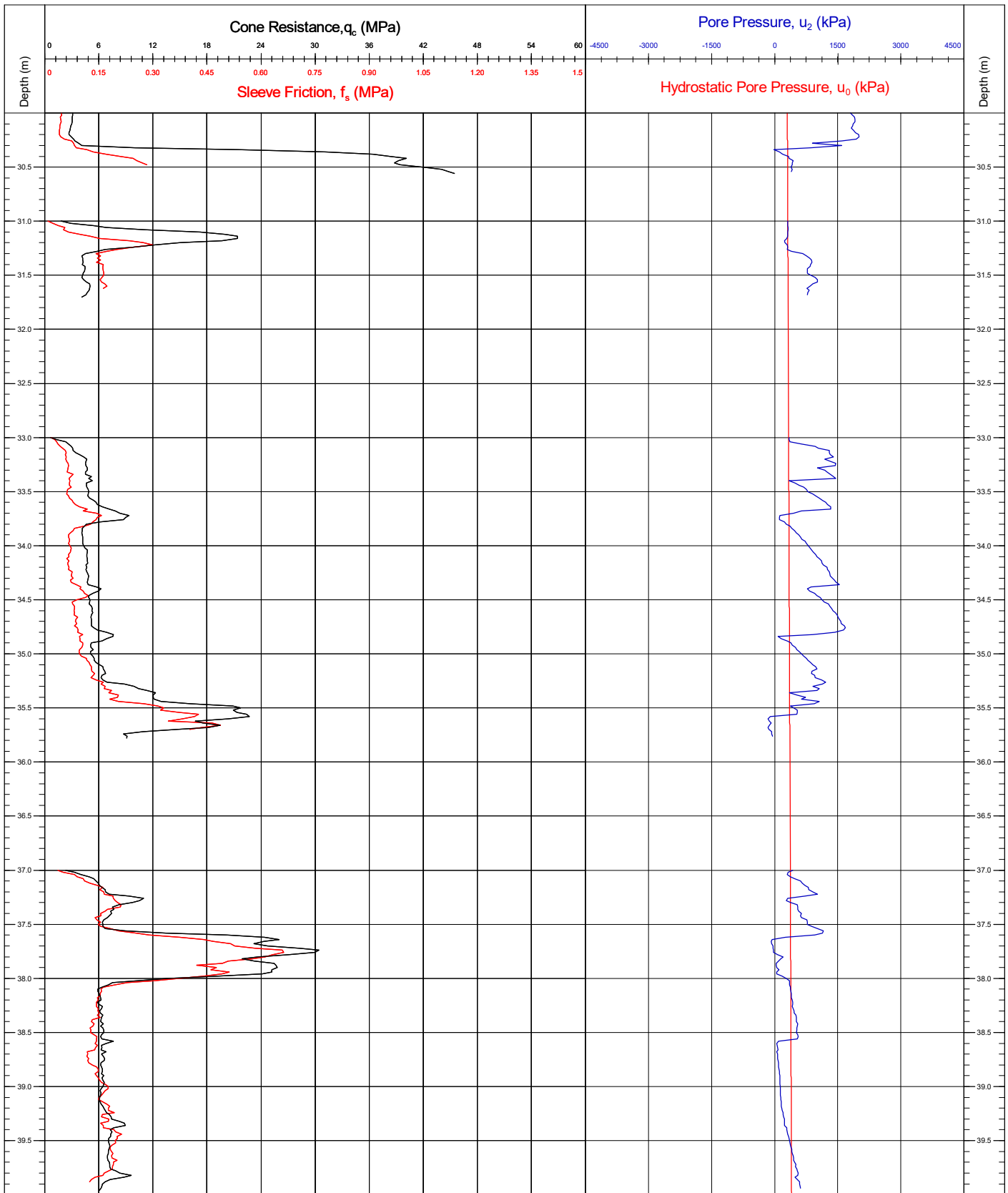


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number		
Contract	11596	Latitude / Longitude		OSS2-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	Page: 2/6		
<small>Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.</small>		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

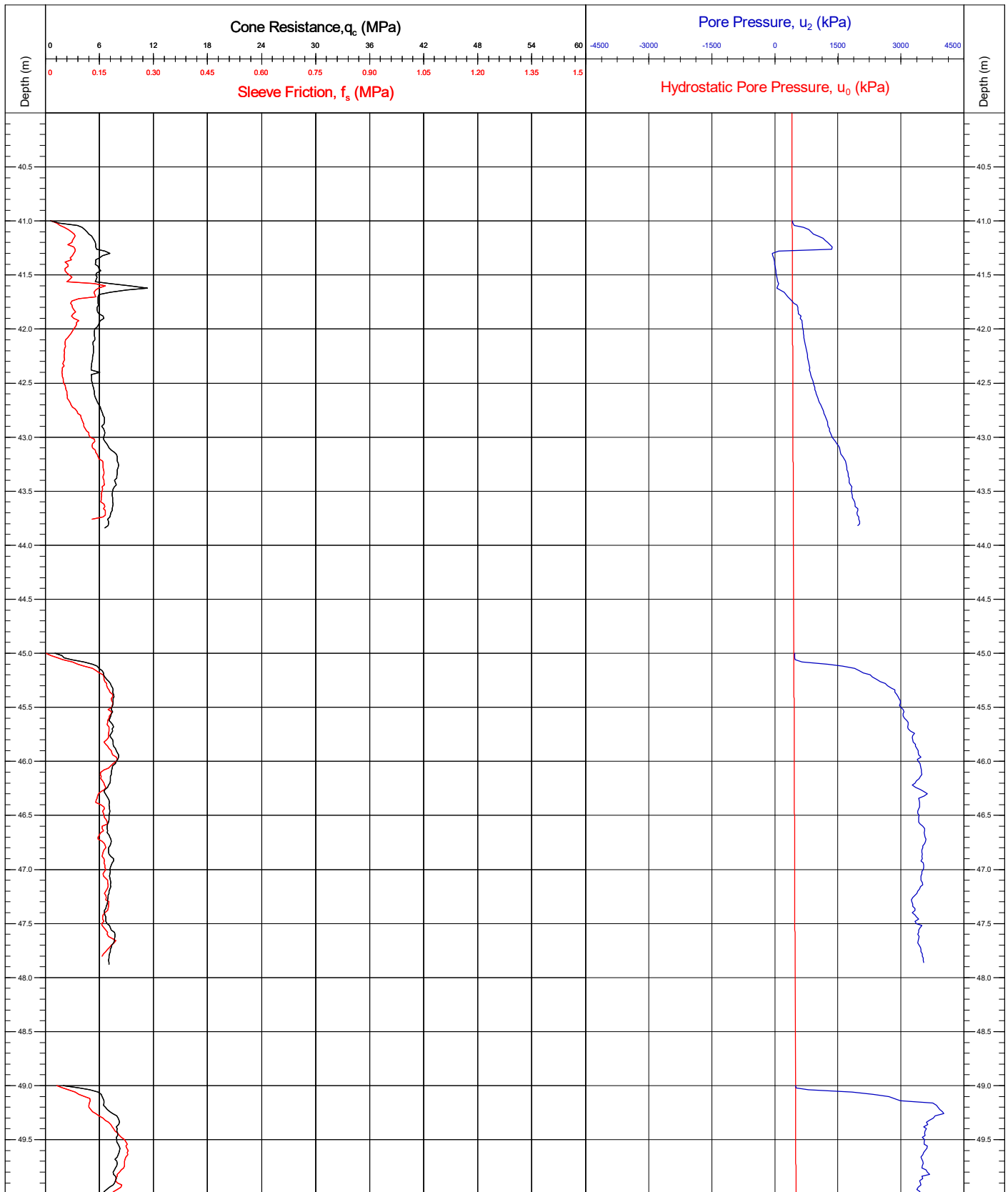


Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number		
Contract	11596	Latitude / Longitude		OSS2-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	Page: 3/6		
<small>Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.</small>		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

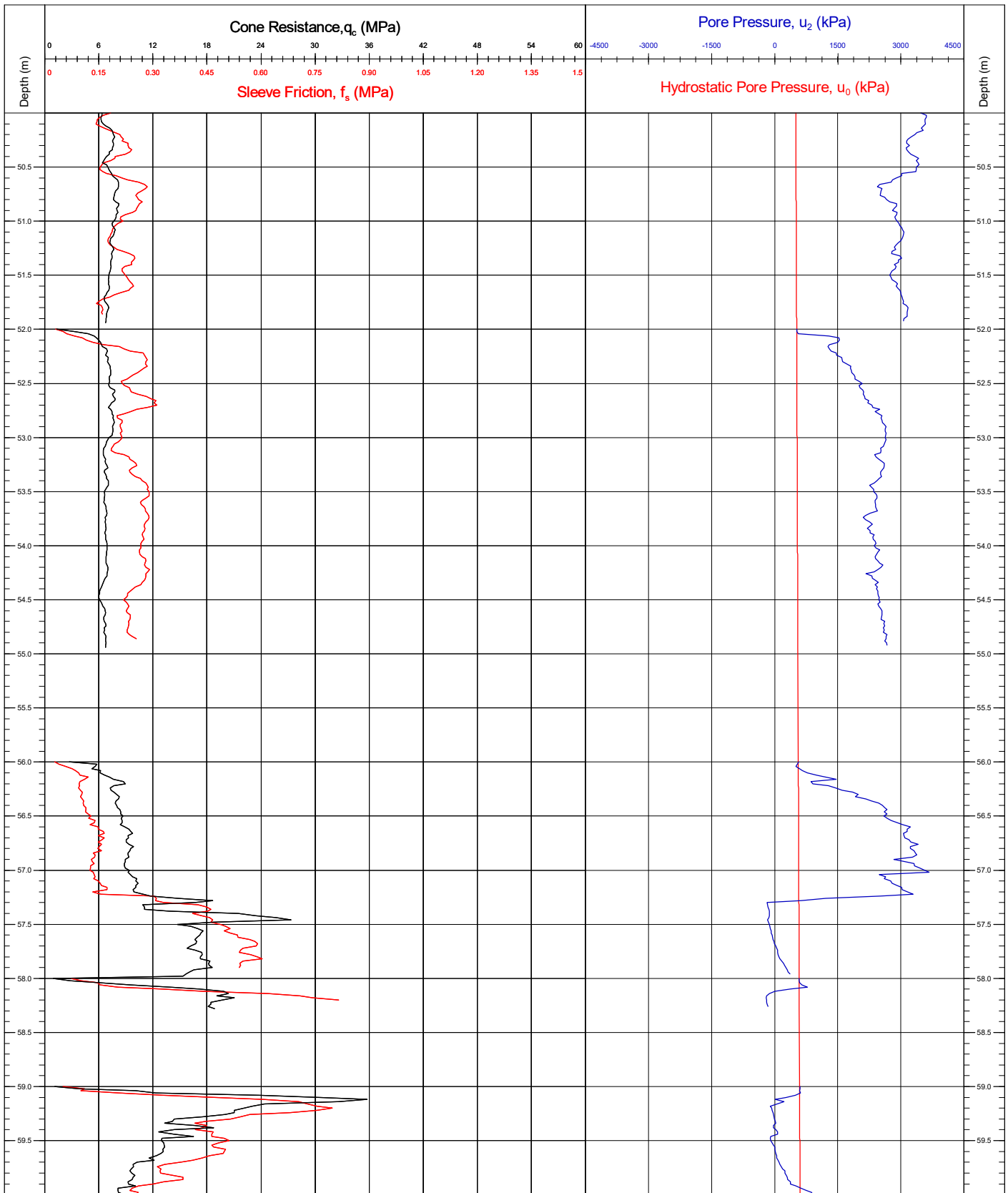


Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number		
Contract	11596	Latitude / Longitude		OSS2-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96	Page: 4/6		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	QC Status		
Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.		Cone No.(size)/α Factor	120825 (10cm ²) / 0.76	Preliminary Draft Final		
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR	SMc
		CRS	ETRS89	(27/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

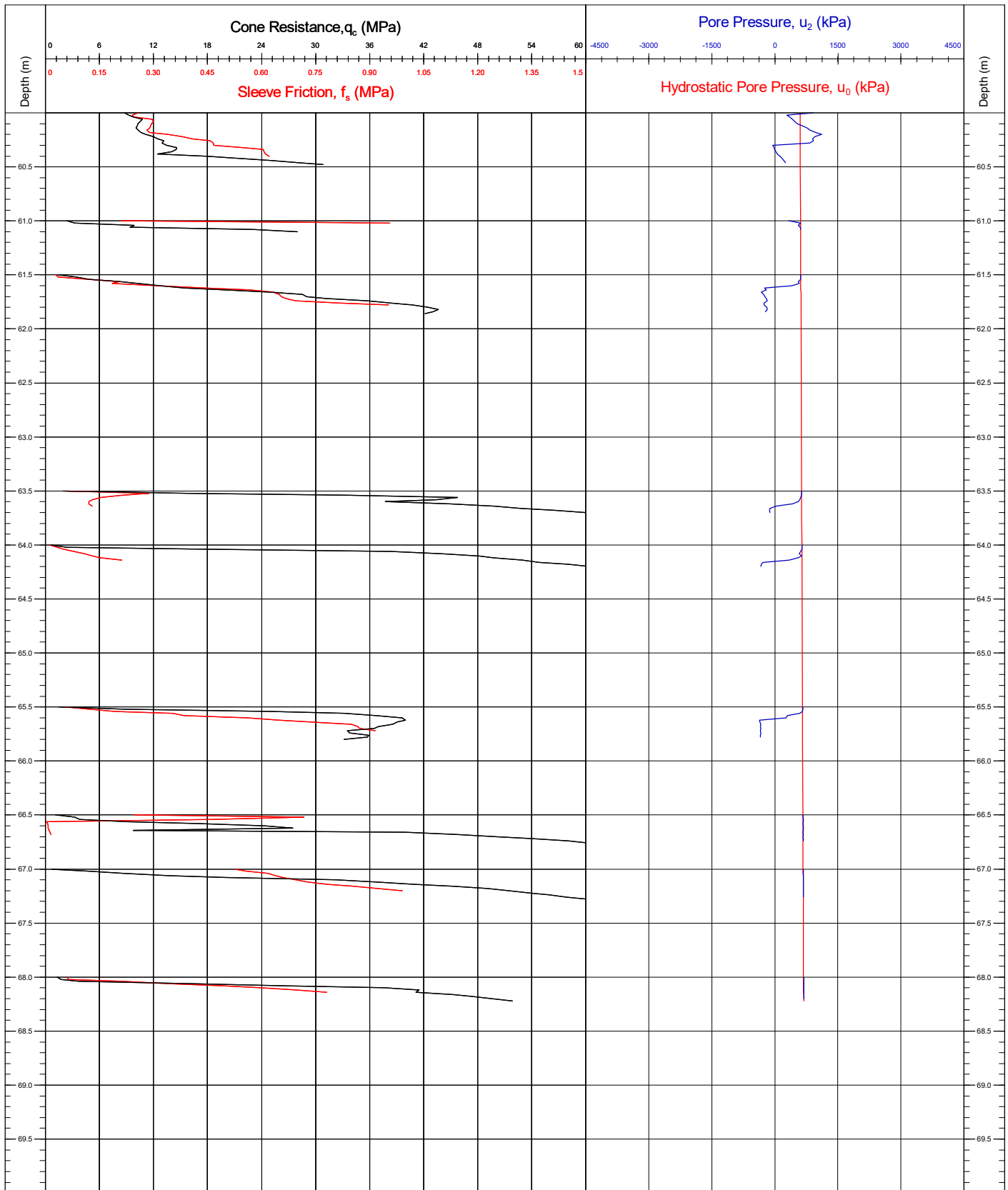


Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number	
Contract	11596	Latitude / Longitude		OSS2-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96	Page: 5/6	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	QC Status	
Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.		Cone No.(size)/α Factor	120825 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(27/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



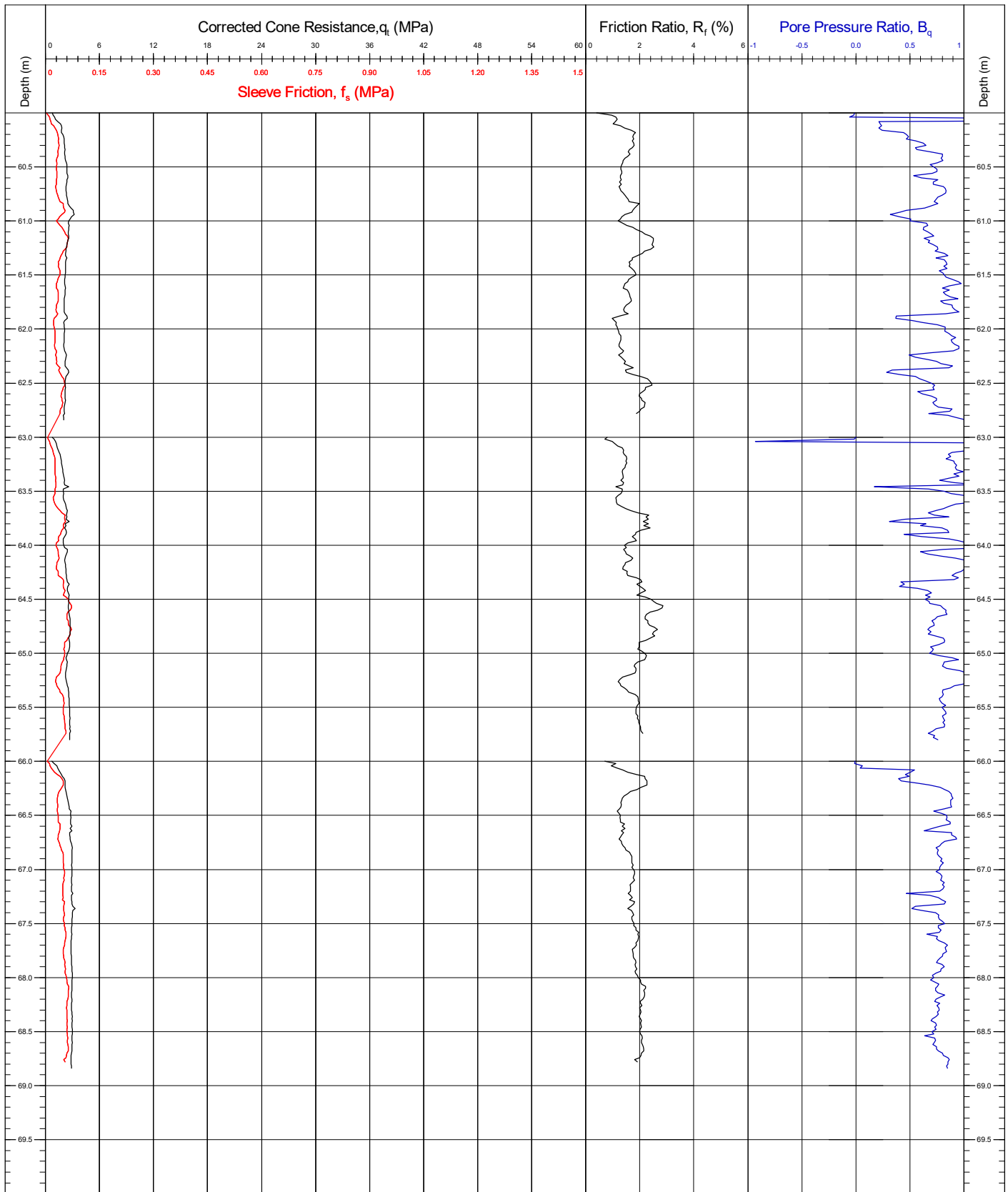
Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number			
Contract	11596	Latitude / Longitude		OSS2-BH			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96				
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	Page: 6/6			
Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.				QC Status			
				Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	Preliminary	Draft
Base Inclination				X = 0.0° / Y = 0.0°	JK/BC	DR	SMc
CRS ETRS89					(27/05/2021)	(10/06/2021)	(10/11/2021)

3.3 Downhole CPTU Derived Logs



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

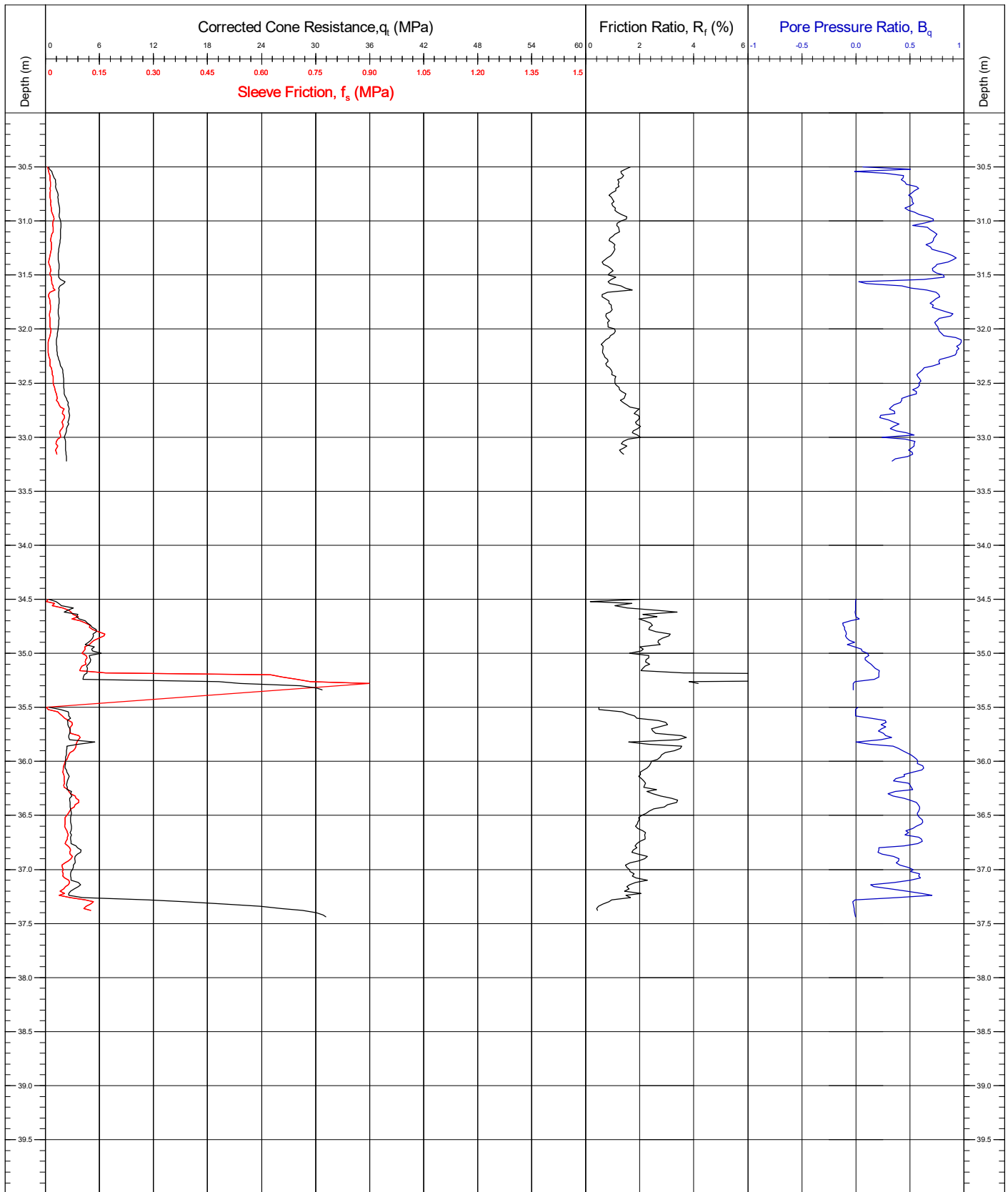


Area	Kattegat Sea	Coordinates	673292.30E 6269812.00N	CPT Number		
Contract	11596	Latitude / Longitude		CB3a-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.90			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	15/05/2021 to 16/05/2021	Page: 1/1		
Comments: Borehole CB3a-BH was completed to a depth of 70.27m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	121126 (10cm ²) / 0.79	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (16/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

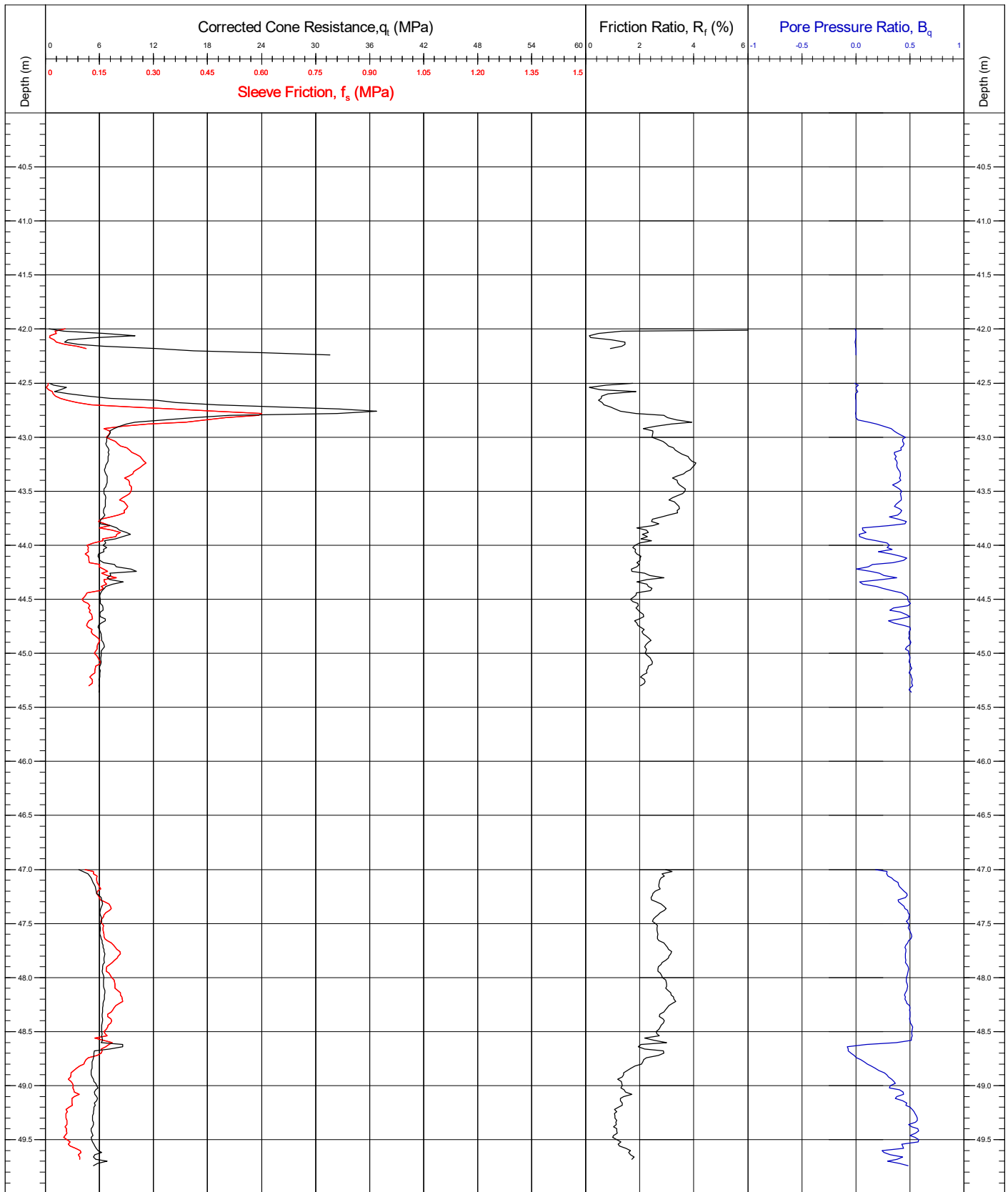


Area	Kattegat Sea	Coordinates	675777.10E 6272690.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB4-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.12	Page: 1/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	16/05/2021 to 18/05/2021	QC Status		
Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.25 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	Preliminary Draft Final		
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR	SMc
		CRS	ETRS89	(16/05/2021)	(25/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

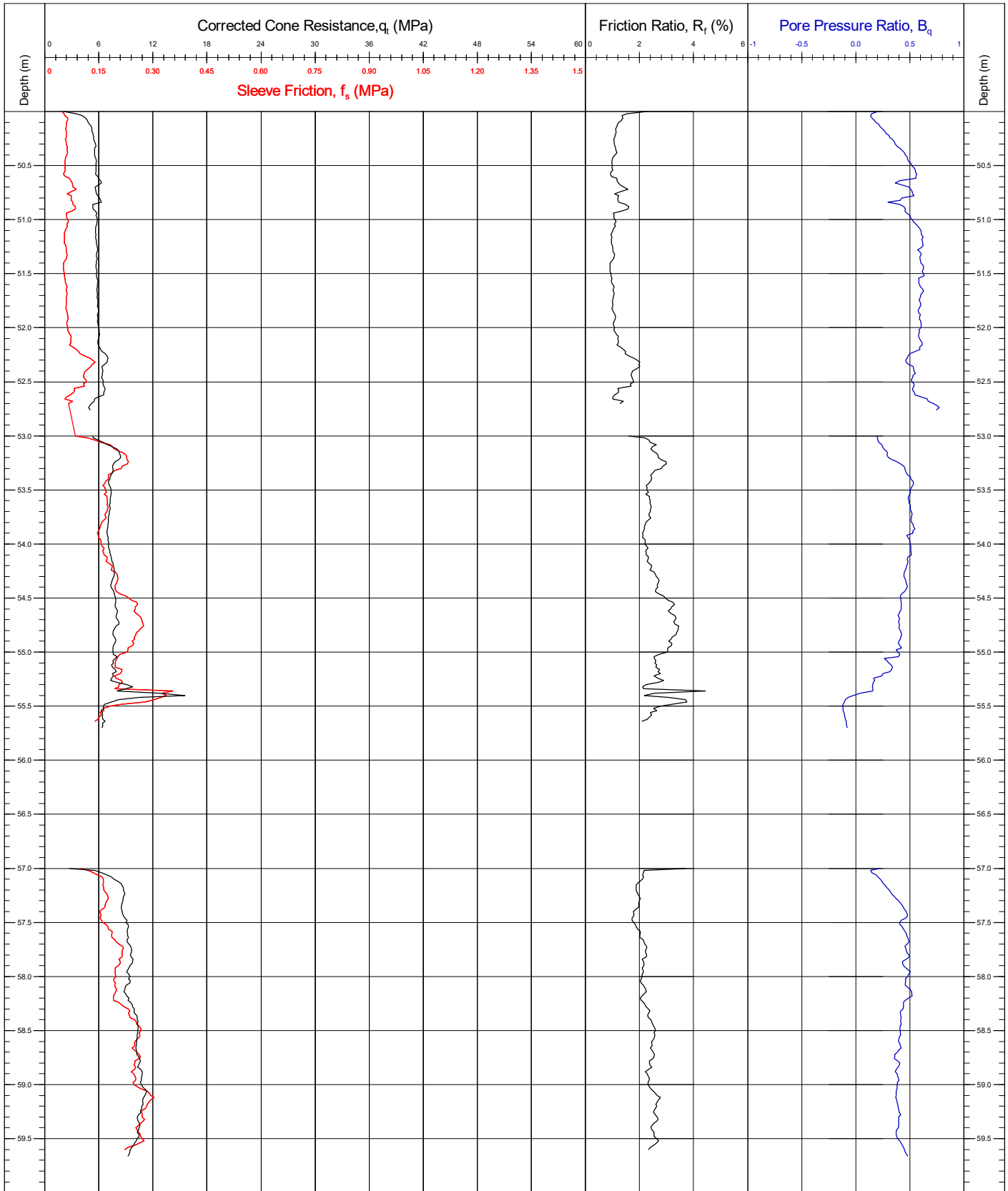


Area	Kattegat Sea	Coordinates	675777.10E 6272690.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB4-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.12	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	16/05/2021 to 18/05/2021	QC Status		
<small>Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.25 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.</small>		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	Preliminary Draft Final		
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR	SMc
		CRS	ETRS89	(16/05/2021)	(25/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

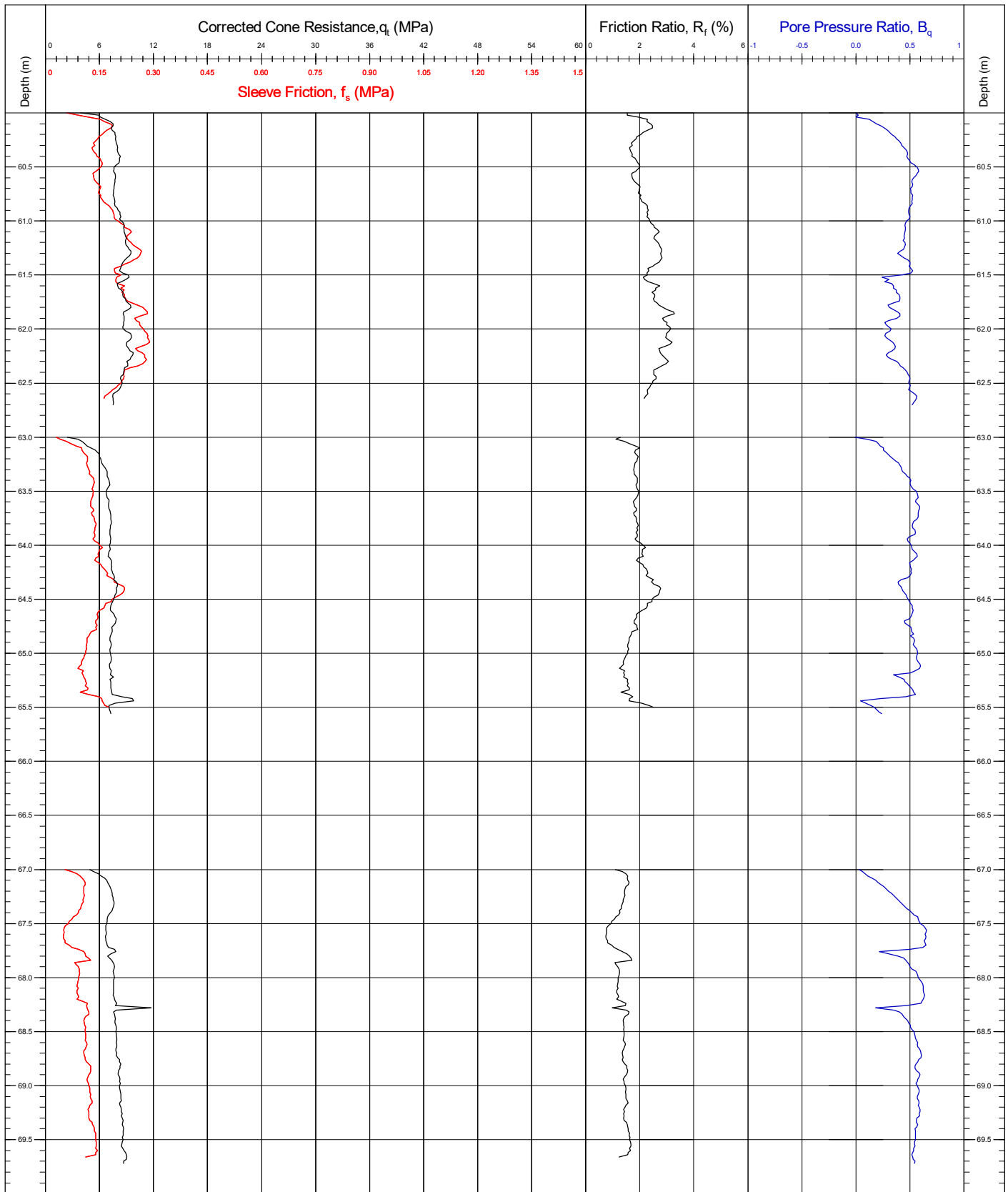


Area	Kattegat Sea	Coordinates	675777.10E 6272690.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB4-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.12			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	16/05/2021 to 18/05/2021	Page: 3/4		
<small>Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.25 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobbles/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.</small>		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (16/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

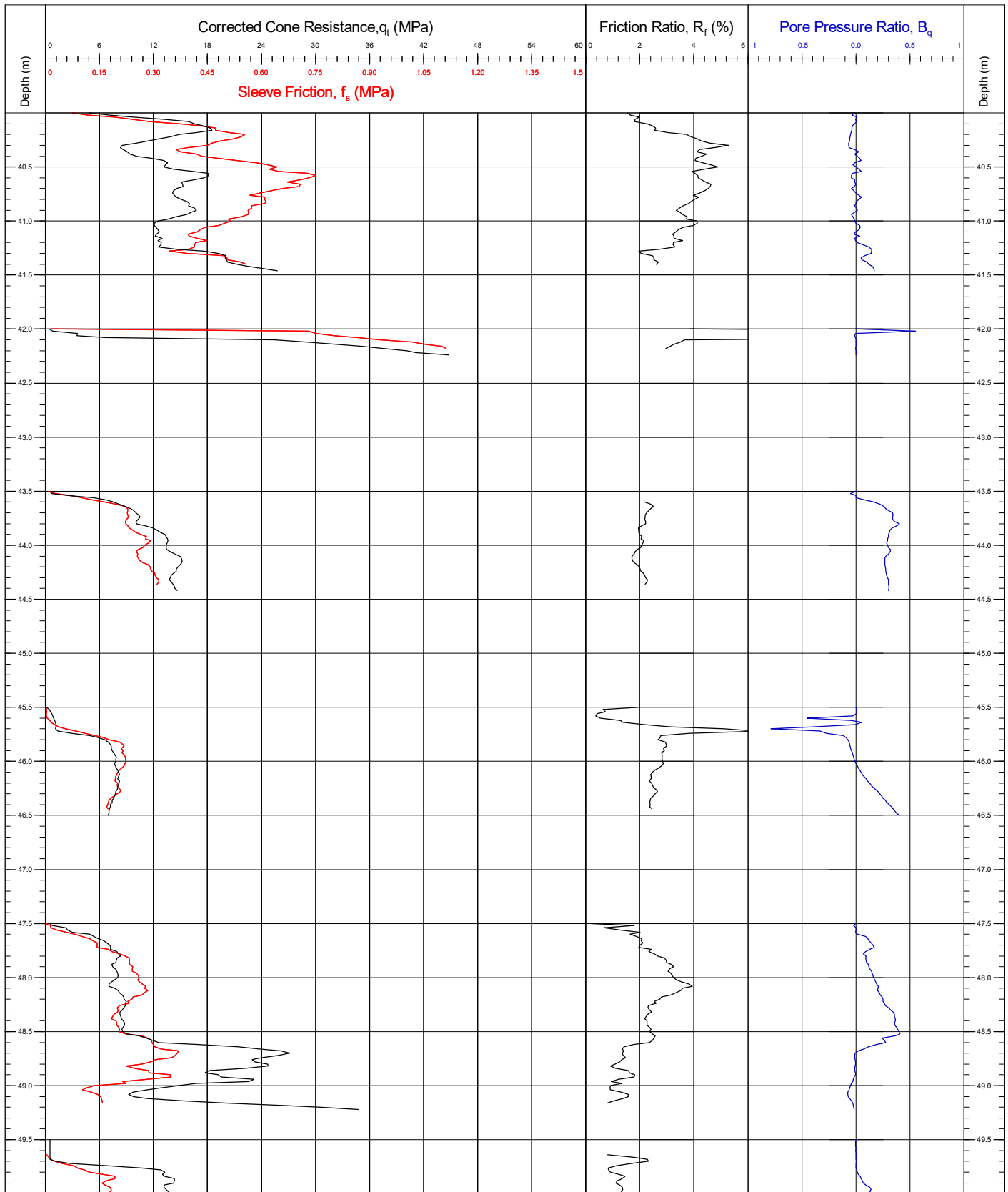


Area	Kattegat Sea	Coordinates	675777.10E 6272690.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB4-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.12	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	16/05/2021 to 18/05/2021	QC Status		
<small>Comments: Borehole CB4-BH was completed to a depth of 70.72m utilising API drilling- Wilson CPT and push sampling methods. Data gap between 37.25 and 42.00m due to the ground conditions impeding recovery- Drillers note:- Cobble/ Boulders- testing was attempted at 0.5-1.0m intervals with a number of tools until recovery was successful.</small>		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	Preliminary Draft Final		
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR	SMc
		CRS	ETRS89	(16/05/2021)	(25/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

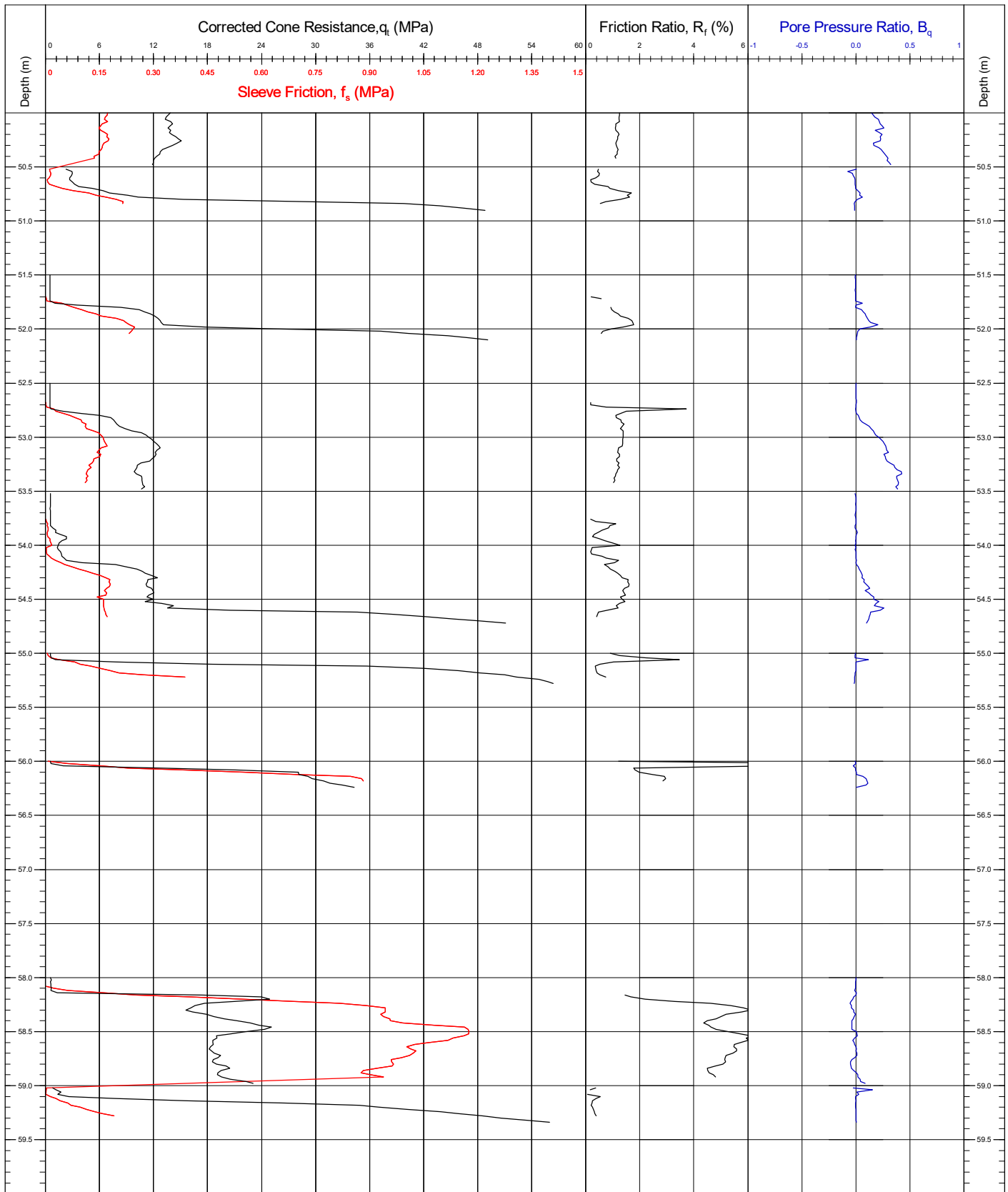


Area	Kattegat Sea	Coordinates	671117.70E 6254702.00N	CPT Number	
Contract	11596	Latitude / Longitude		CB5-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.15	Page: 1/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	09/05/2021 to 11/05/2021	QC Status	
Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (11/05/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

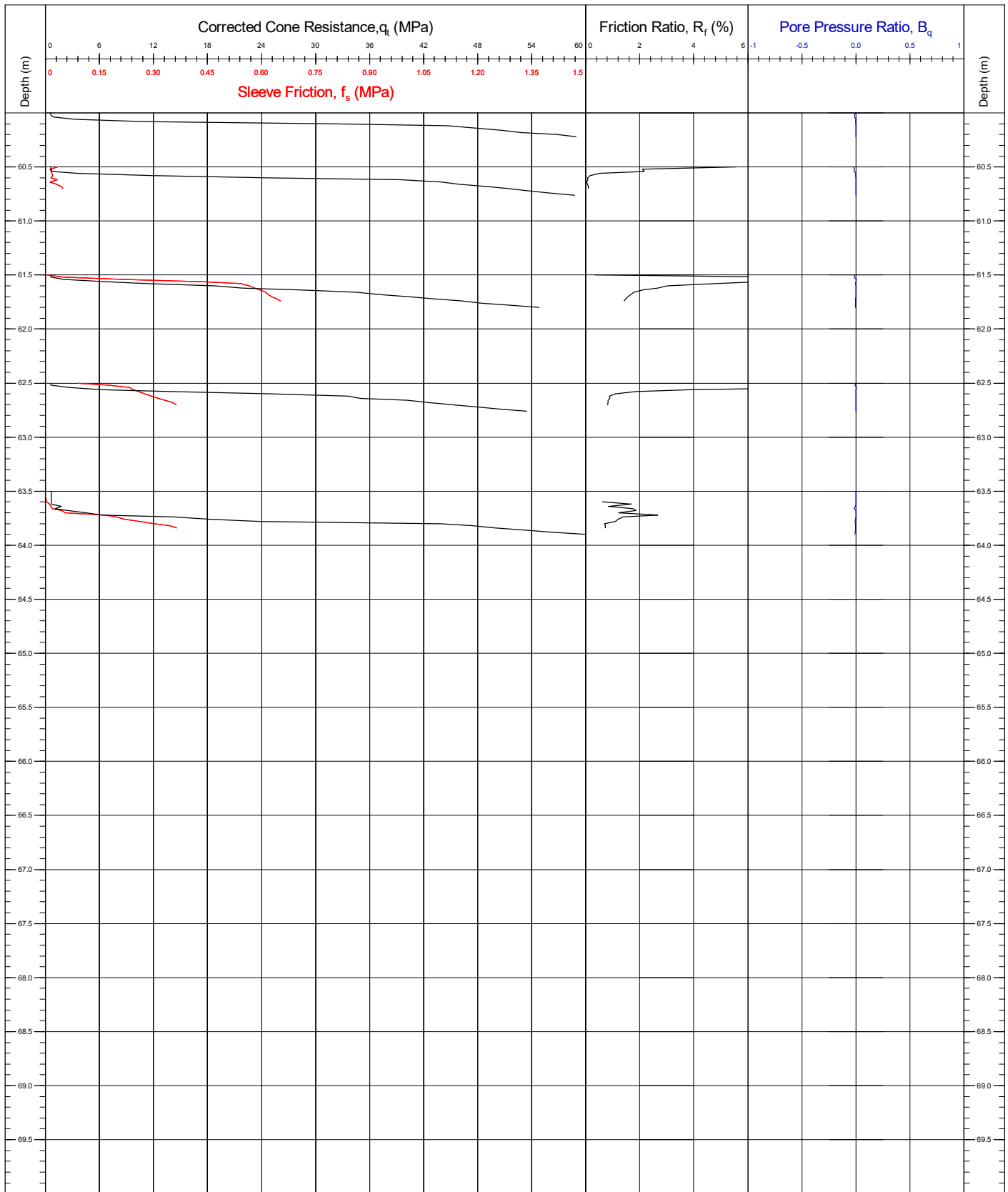


Area	Kattegat Sea	Coordinates	671117.70E 6254702.00N	CPT Number	
Contract	11596	Latitude / Longitude		CB5-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.15	Page: 2/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	09/05/2021 to 11/05/2021	QC Status	
Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/α Factor	101017 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(11/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

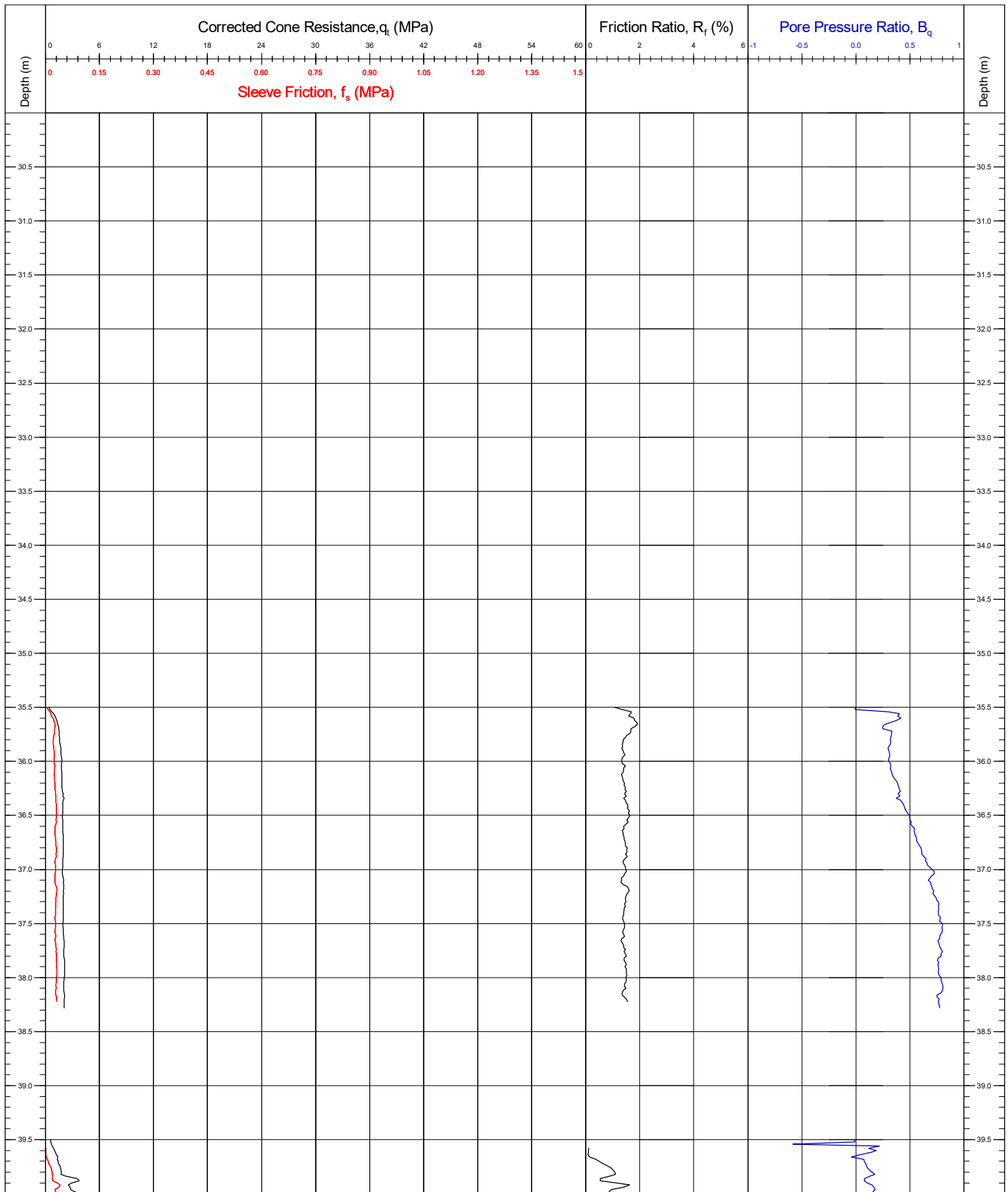


Area	Kattegat Sea	Coordinates	671117.70E 6254702.00N	CPT Number		
Contract	11596	Latitude / Longitude		CB5-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.15			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	09/05/2021 to 11/05/2021	Page: 3/3		
Comments: Borehole CB5-BH was completed to a depth of 64.62m utilising API drilling- Wilson CPT and push sampling methods.				QC Status		
				Preliminary	Draft	Final
		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78	JK/BC	DR	SMc
		Base Inclination	X = 0.0° / Y = 0.0°	(11/05/2021)	(10/06/2021)	(10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

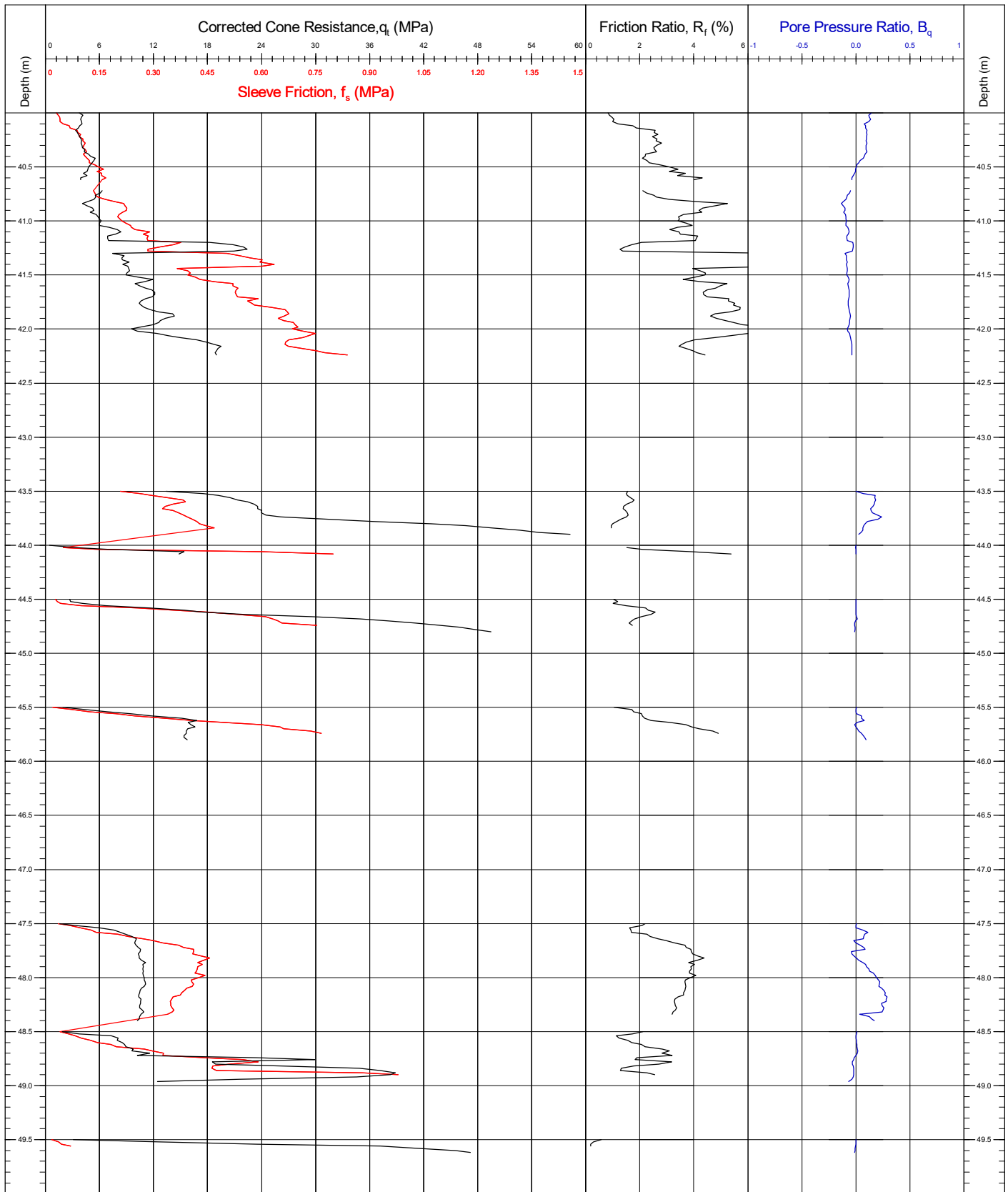


Area	Kattegat Sea	Coordinates	668193.10E	6258003.50N	CPT Number
Contract	11596	Latitude / Longitude			CB6-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.69		Page: 1/3
Vessel	MV Ocean Vantage	Date of Test (Start/End)	27/05/2021 to 29/05/2021		QC Status
<small>Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.</small>		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
			JK/BC <small>(27/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

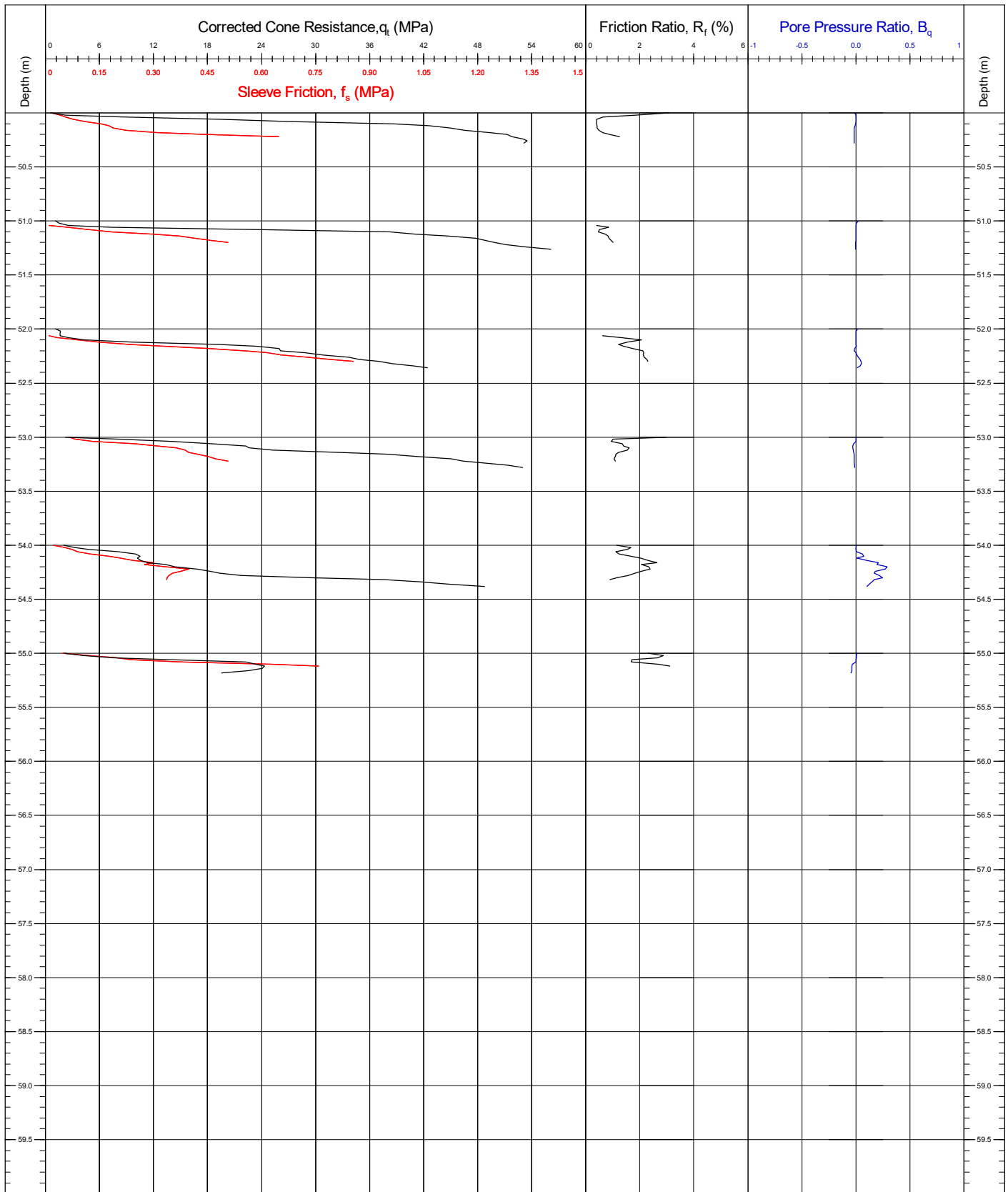


Area	Kattegat Sea	Coordinates	668193.10E 6258003.50N	CPT Number	
Contract	11596	Latitude / Longitude		CB6-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.69	Page: 2/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	27/05/2021 to 29/05/2021	QC Status	
<small>Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P.S logging was performed from 52.00m to 3.00m below mudline.</small>		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (27/05/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

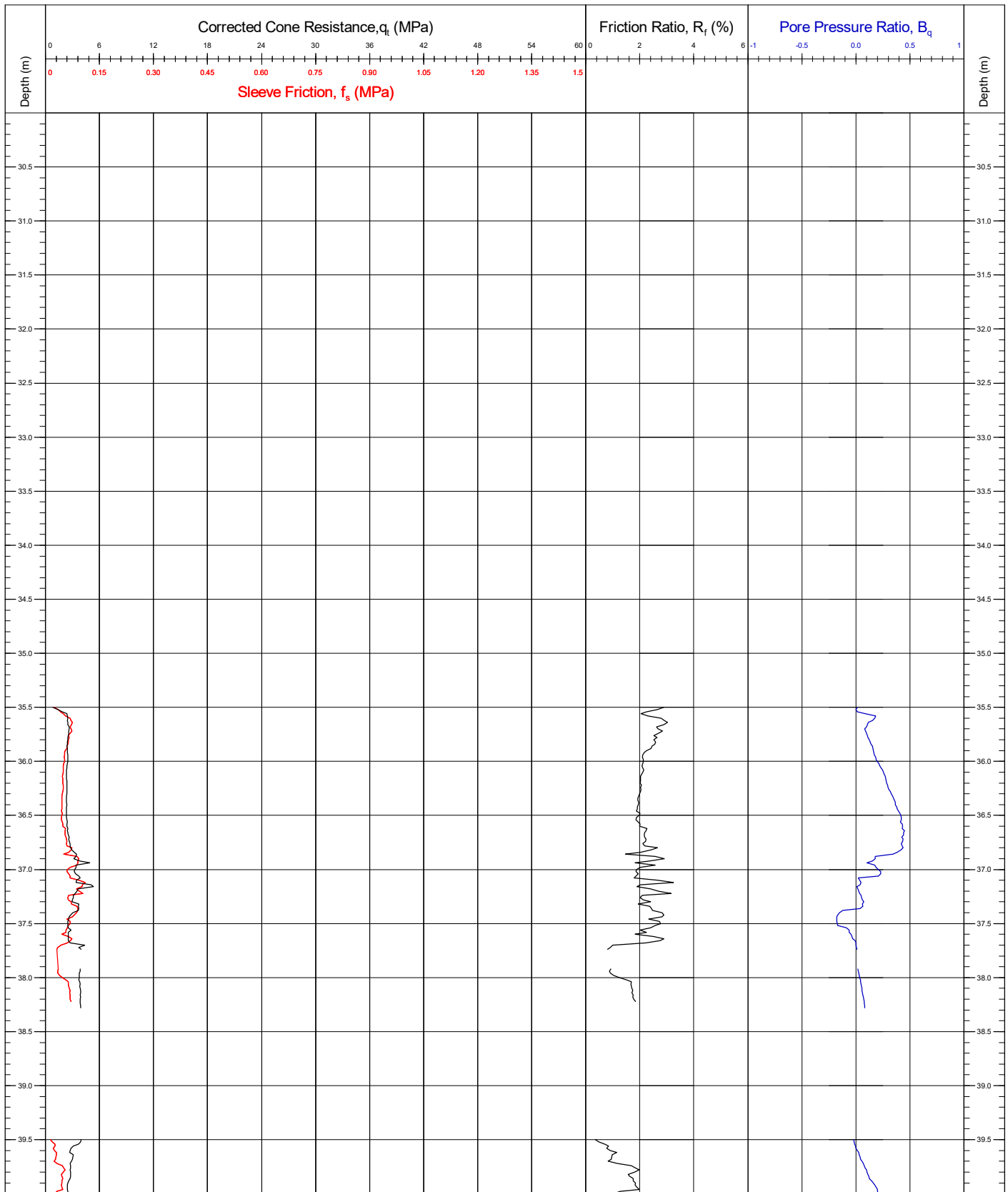


Area	Kattegat Sea	Coordinates	668193.10E 6258003.50N	CPT Number	
Contract	11596	Latitude / Longitude		CB6-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.69	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	27/05/2021 to 29/05/2021	QC Status	
Comments: Borehole CB6-BH was completed to a depth of 56.70m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 52.00m to 3.00m below mudline.		Cone No.(size)/α Factor	120826 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(27/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

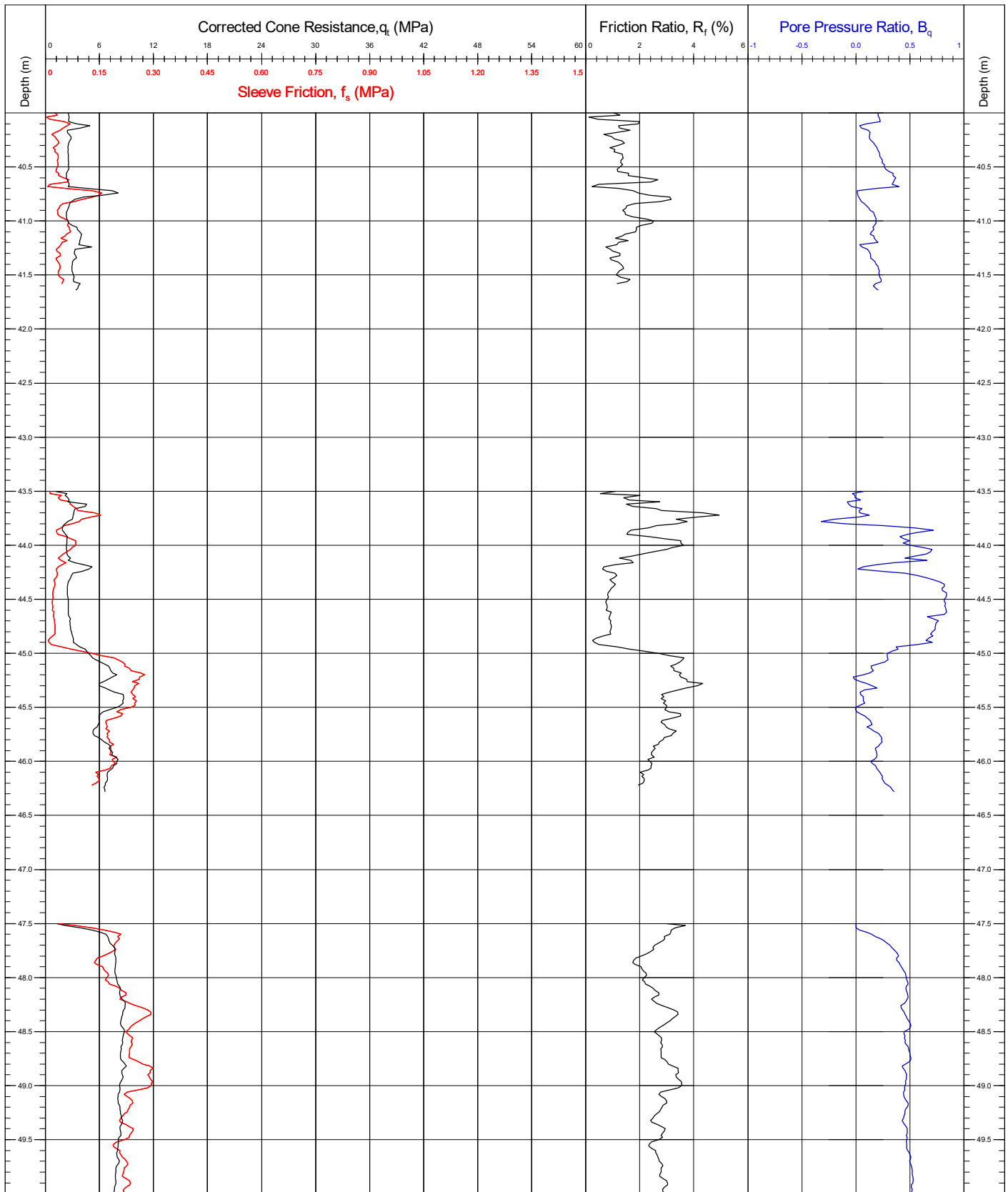


Area	Kattegat Sea	Coordinates	673537.80E 6259626.90N	CPT Number	
Contract	11596	Latitude / Longitude		CB7-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/05/2021 to 30/05/2021	QC Status	
Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P.S logging was performed from 52m to 4m below mudline.		Cone No.(size)/α Factor	121005G (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(29/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

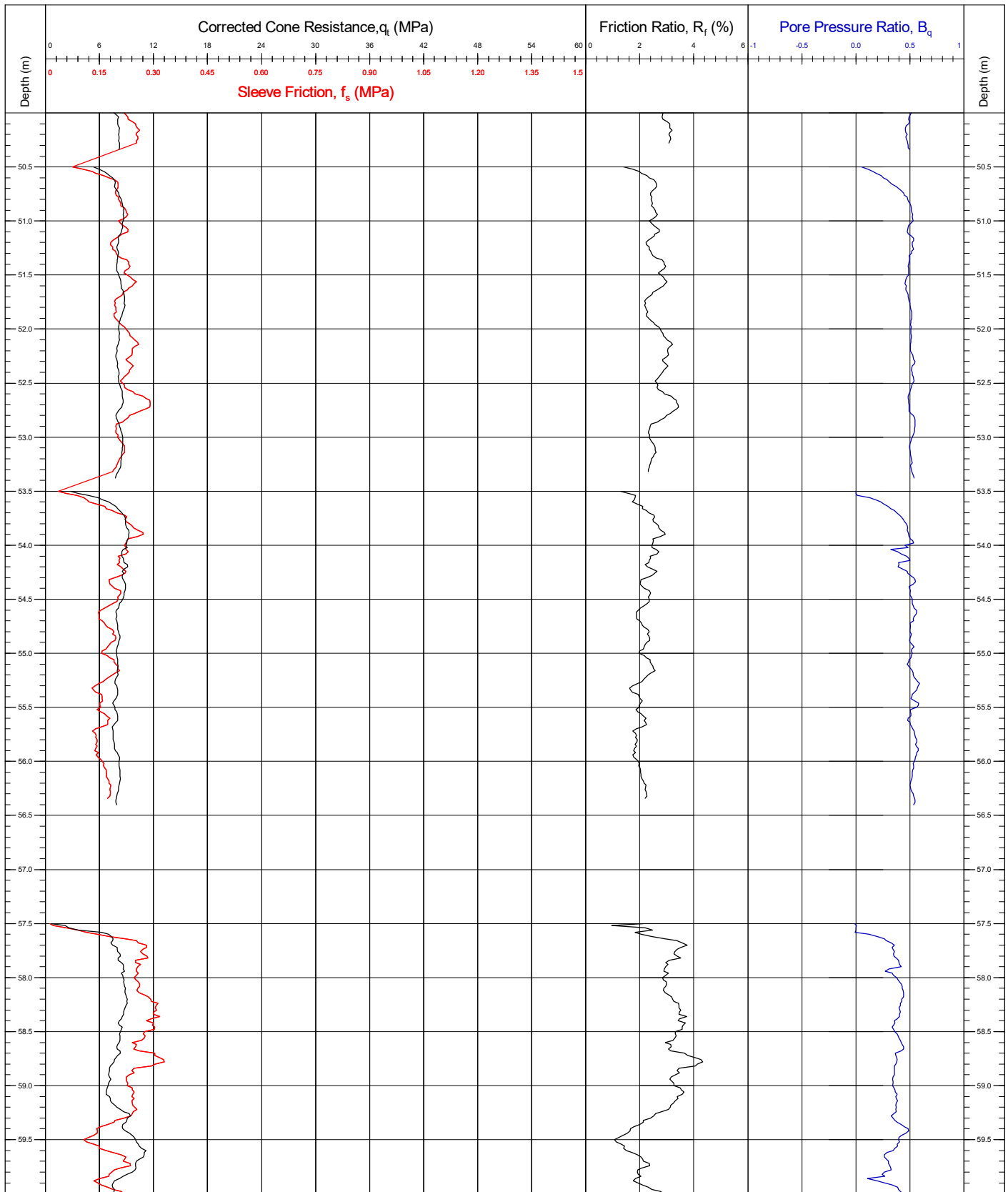


Area	Kattegat Sea	Coordinates	673537.80E	6259626.90N	CPT Number
Contract	11596	Latitude / Longitude			CB7-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99		Page: 2/4
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/05/2021 to 30/05/2021		QC Status
<small>Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P.S logging was performed from 52m to 4m below mudline.</small>		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
					JK/BC (29/05/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

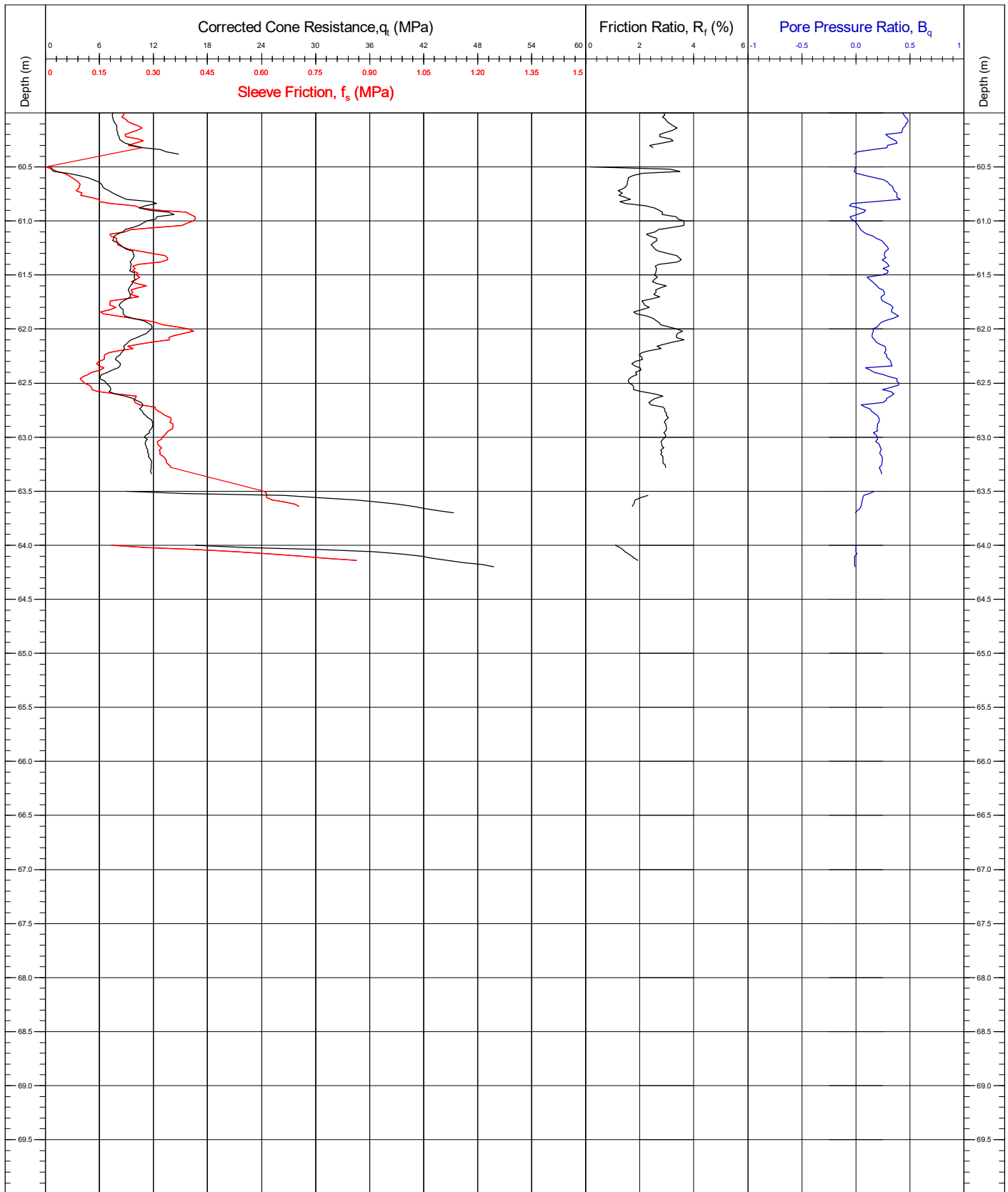


Area	Kattegat Sea	Coordinates	673537.80E 6259626.90N	CPT Number	
Contract	11596	Latitude / Longitude		CB7-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/05/2021 to 30/05/2021	QC Status	
<small>Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P- S logging was performed from 52m to 4m below mudline.</small>		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (29/05/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

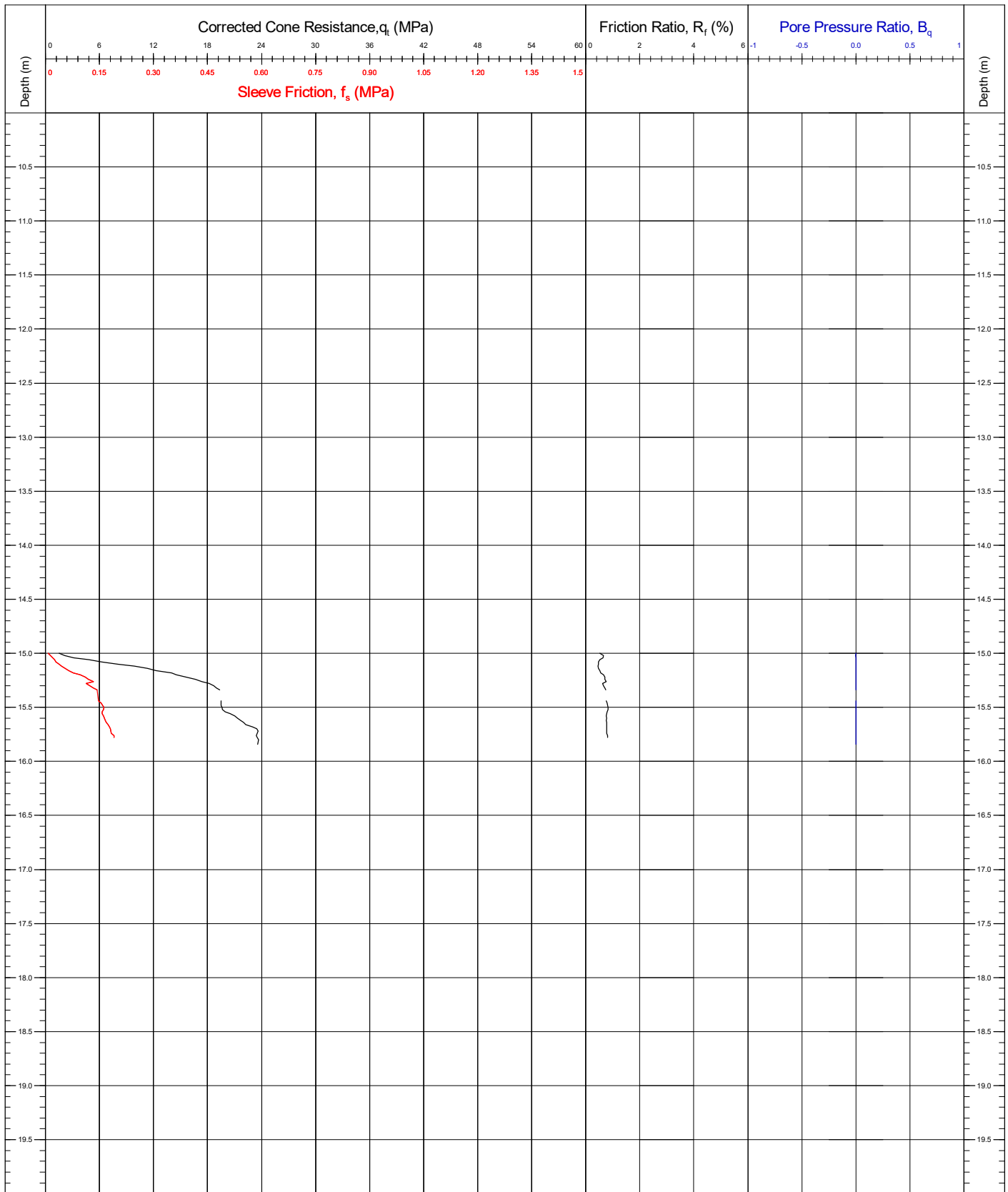


Area	Kattegat Sea	Coordinates	673537.80E 6259626.90N	CPT Number	
Contract	11596	Latitude / Longitude		CB7-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/05/2021 to 30/05/2021	QC Status	
Comments: Borehole CB7-BH was completed to a depth of 64.32m utilising API drilling- Wilson CPT and push sampling methods. P- S logging was performed from 52m to 4m below mudline.		Cone No.(size)/α Factor	121005G (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(29/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

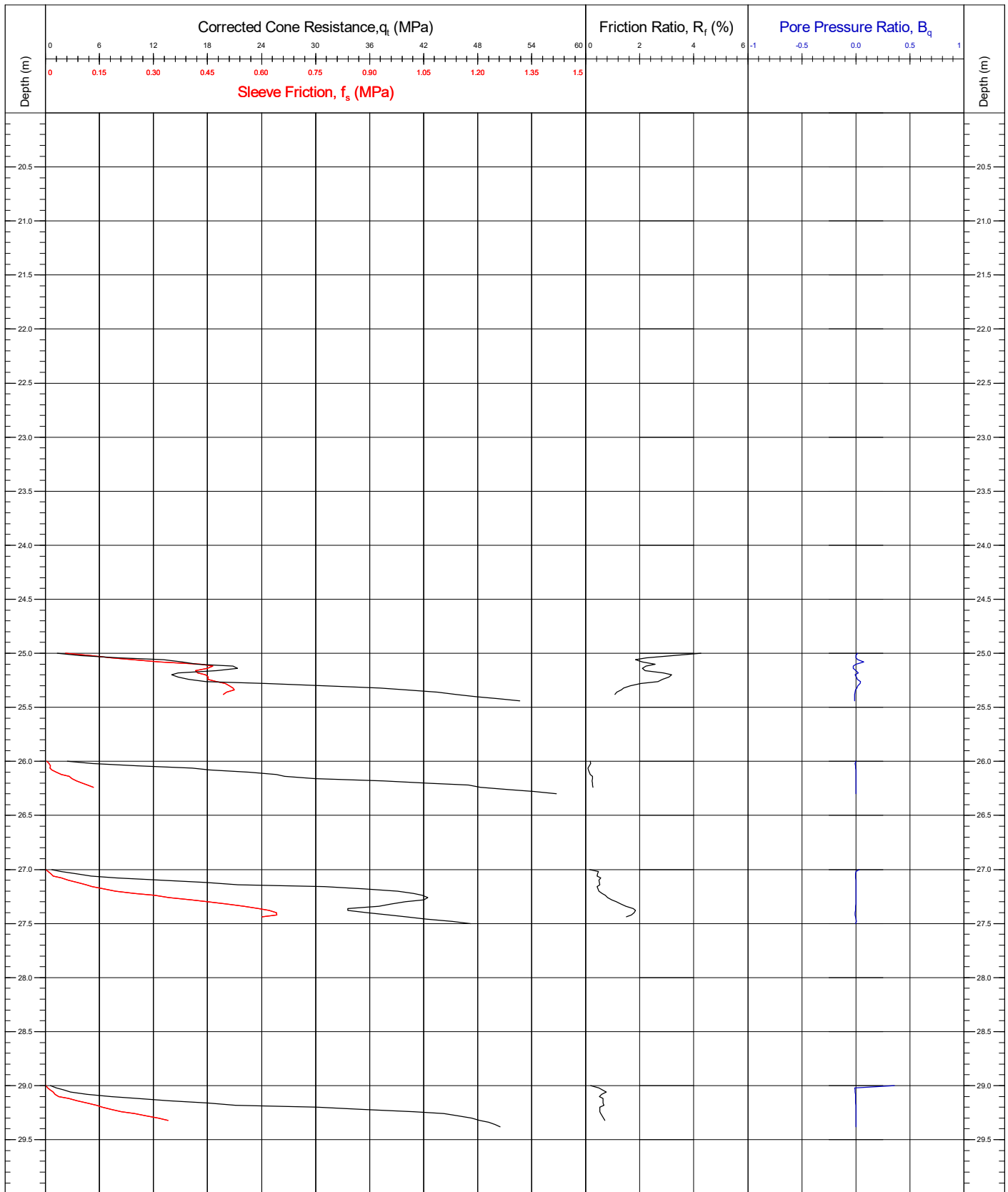


Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number	
Contract	11596	Latitude / Longitude		CB8-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30	Page: 1/6	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	QC Status	
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(20/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

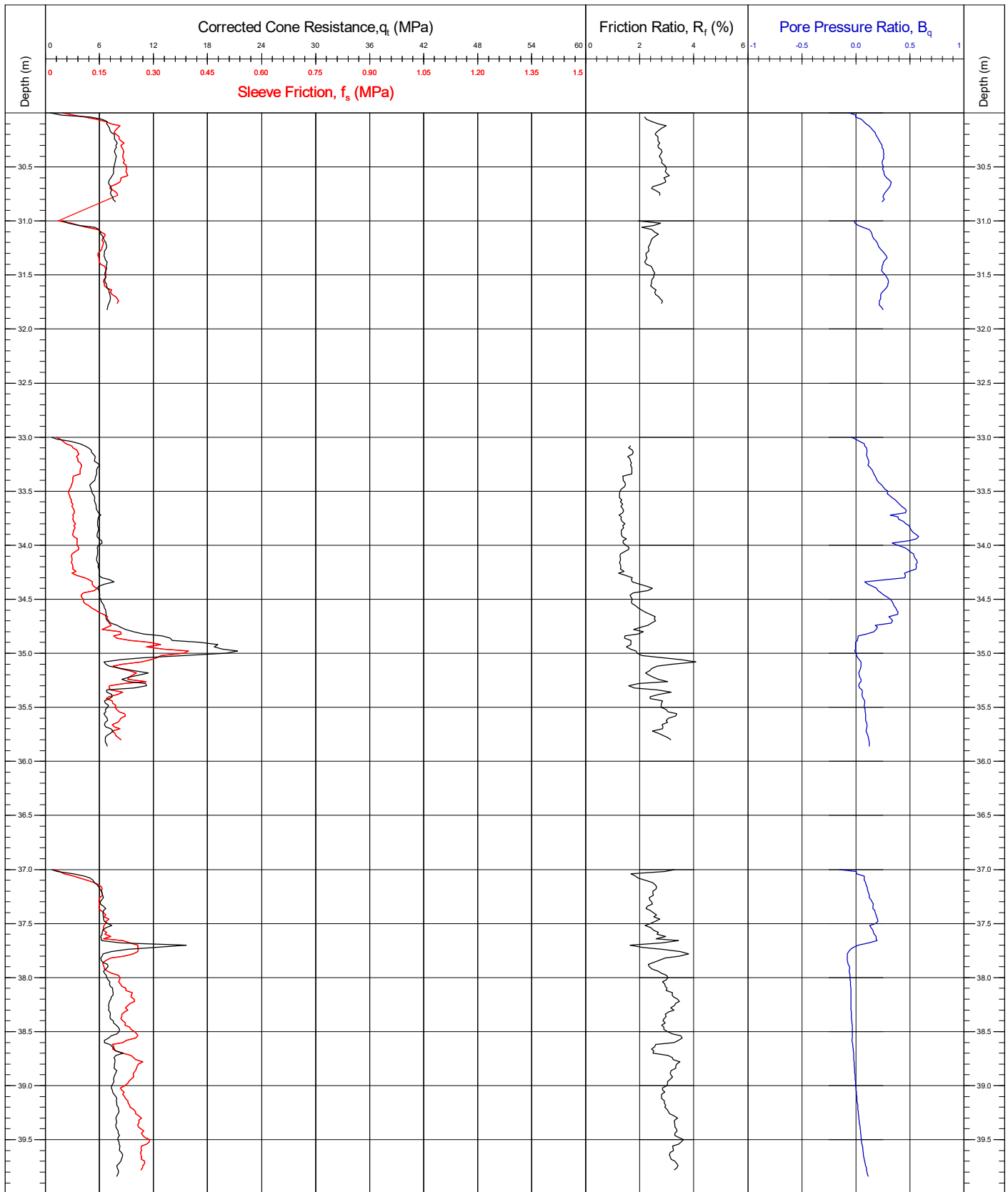


Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number	
Contract	11596	Latitude / Longitude		CB8-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30	Page: 2/6	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	QC Status	
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/α Factor	120825 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(20/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

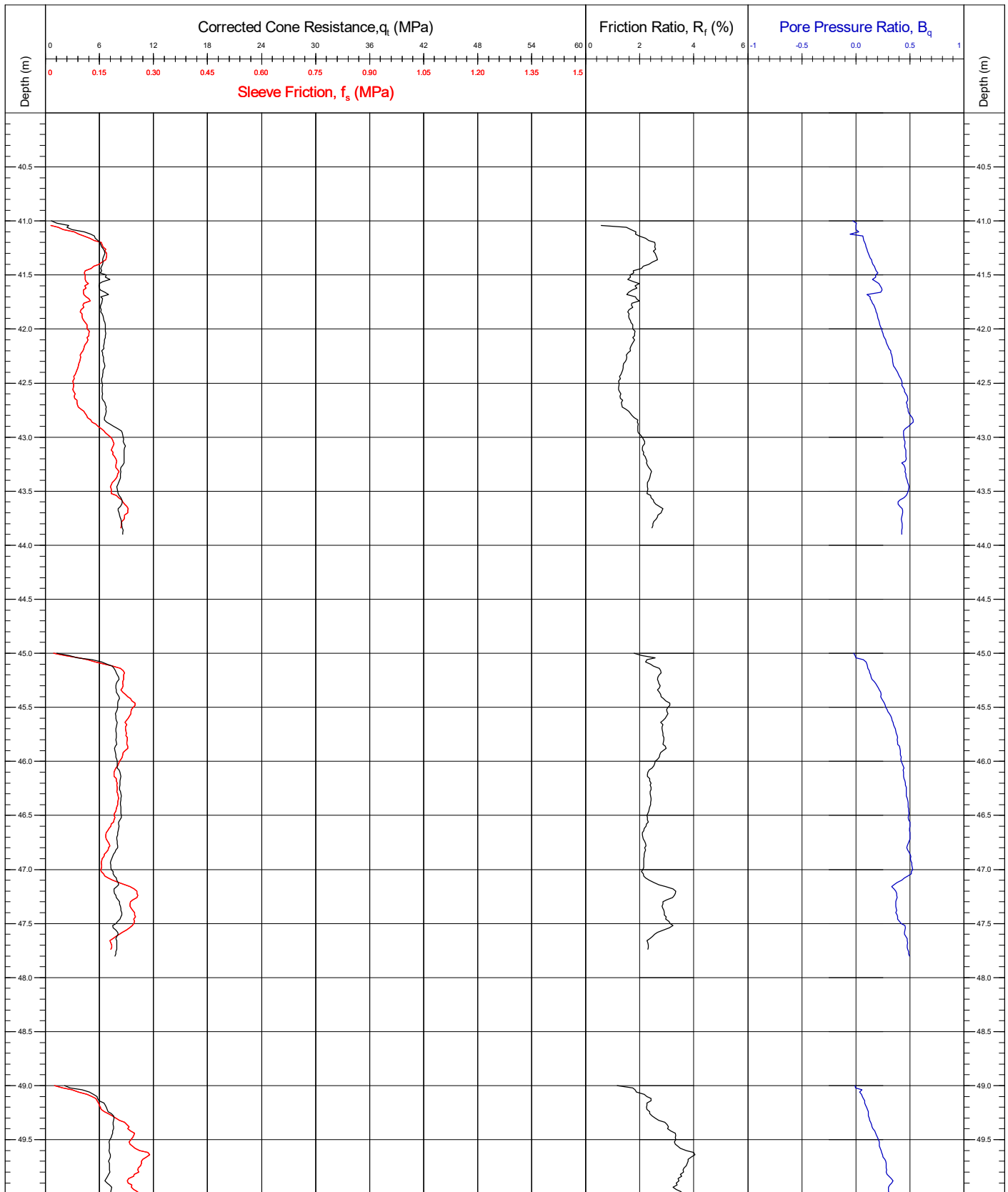


Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number		
Contract	11596	Latitude / Longitude		CB8-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	Page: 3/6		
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.				QC Status		
				Preliminary	Draft	Final
		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	JK/BC	DR	SMc
		Base Inclination	X = 0.0° / Y = 0.0°	(20/05/2021)	(10/06/2021)	(10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

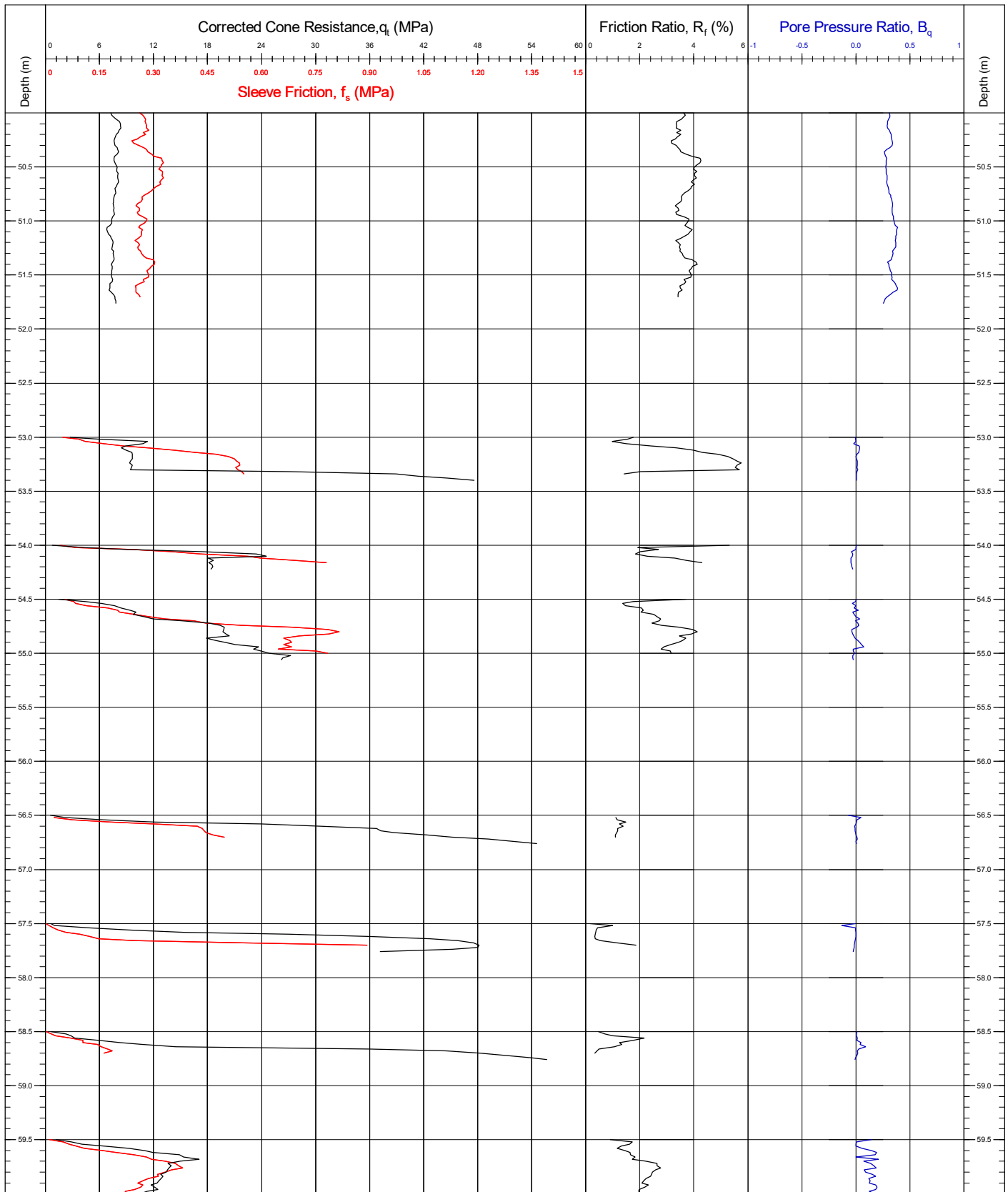


Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number		
Contract	11596	Latitude / Longitude		CB8-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	Page: 4/6		
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

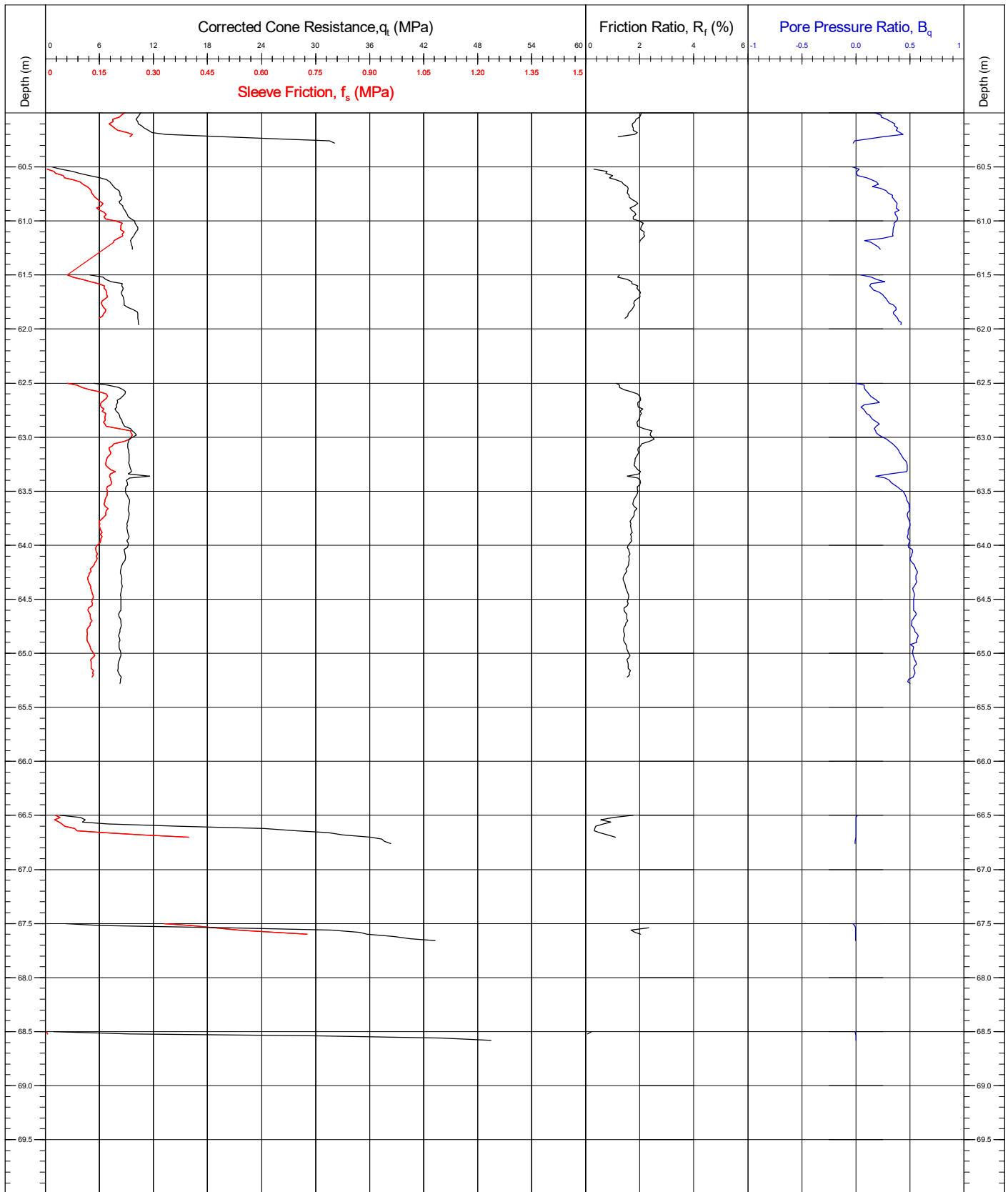


Area	Kattegat Sea	Coordinates	679824.20E	6248913.90N	CPT Number
Contract	11596	Latitude / Longitude			CB8-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30		Page: 5/6
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021		QC Status
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wison CPT and push sampling methods.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
			JK/BC (20/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

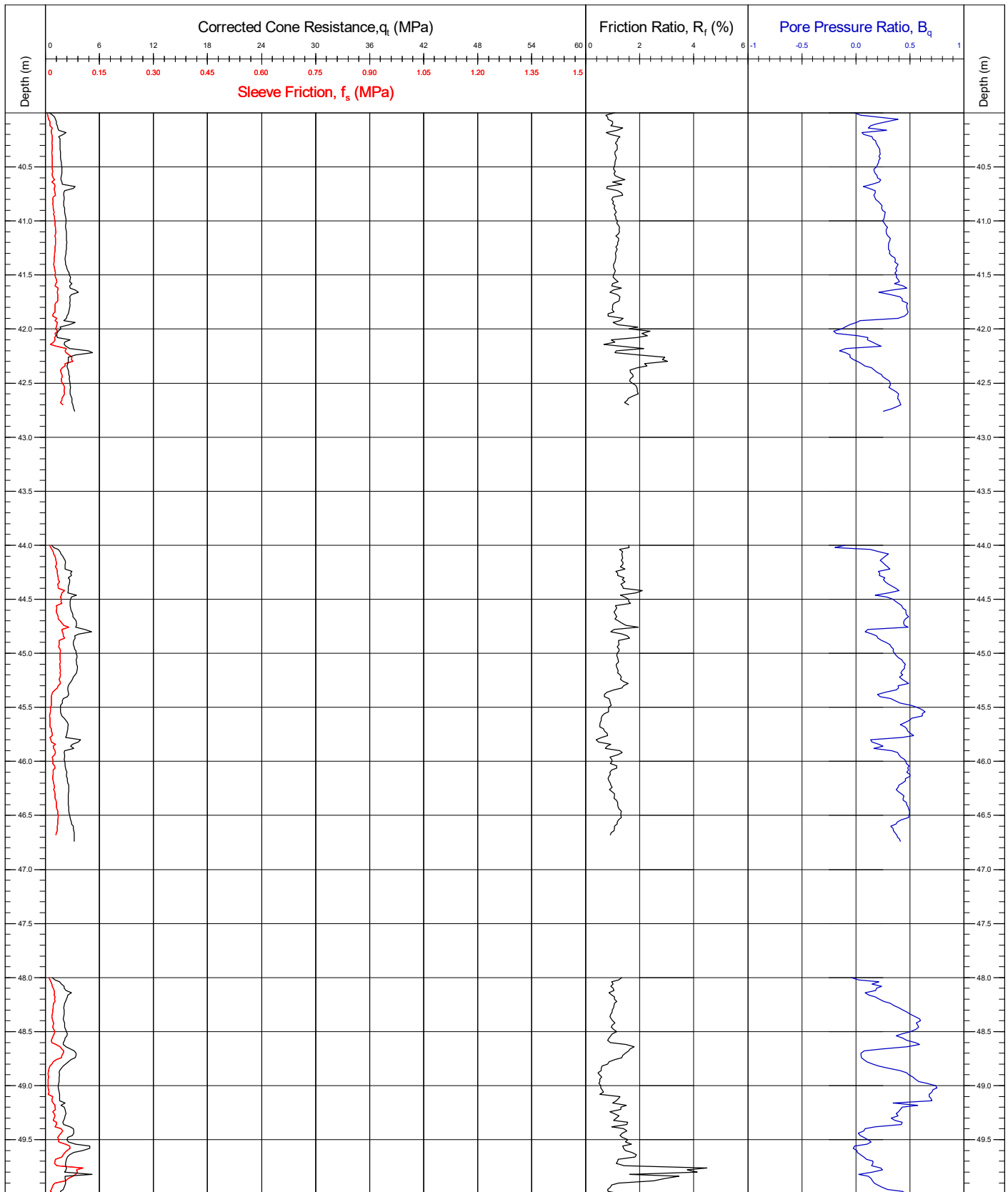


Area	Kattegat Sea	Coordinates	679824.20E 6248913.90N	CPT Number	
Contract	11596	Latitude / Longitude		CB8-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.30	Page: 6/6	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	18/05/2021 to 20/05/2021	QC Status	
Comments: Borehole CB8-BH was completed to a depth of 70.10m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/α Factor	120825 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(20/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

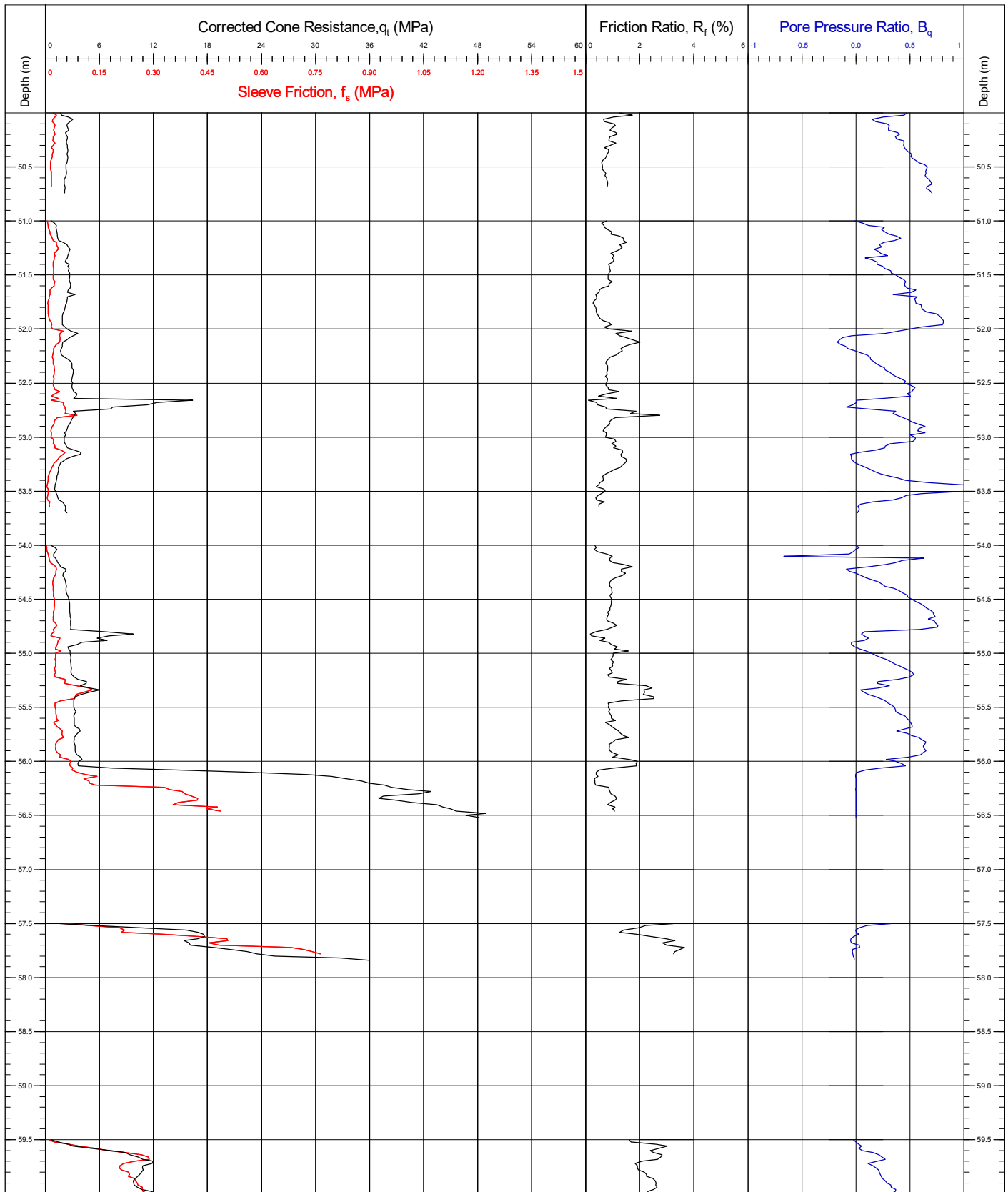


Area	Kattegat Sea	Coordinates	677391.00E 6276213.60N	CPT Number	
Contract	11596	Latitude / Longitude		CB9-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.85	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/06/2021 to 04/06/2021	QC Status	
Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(03/06/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

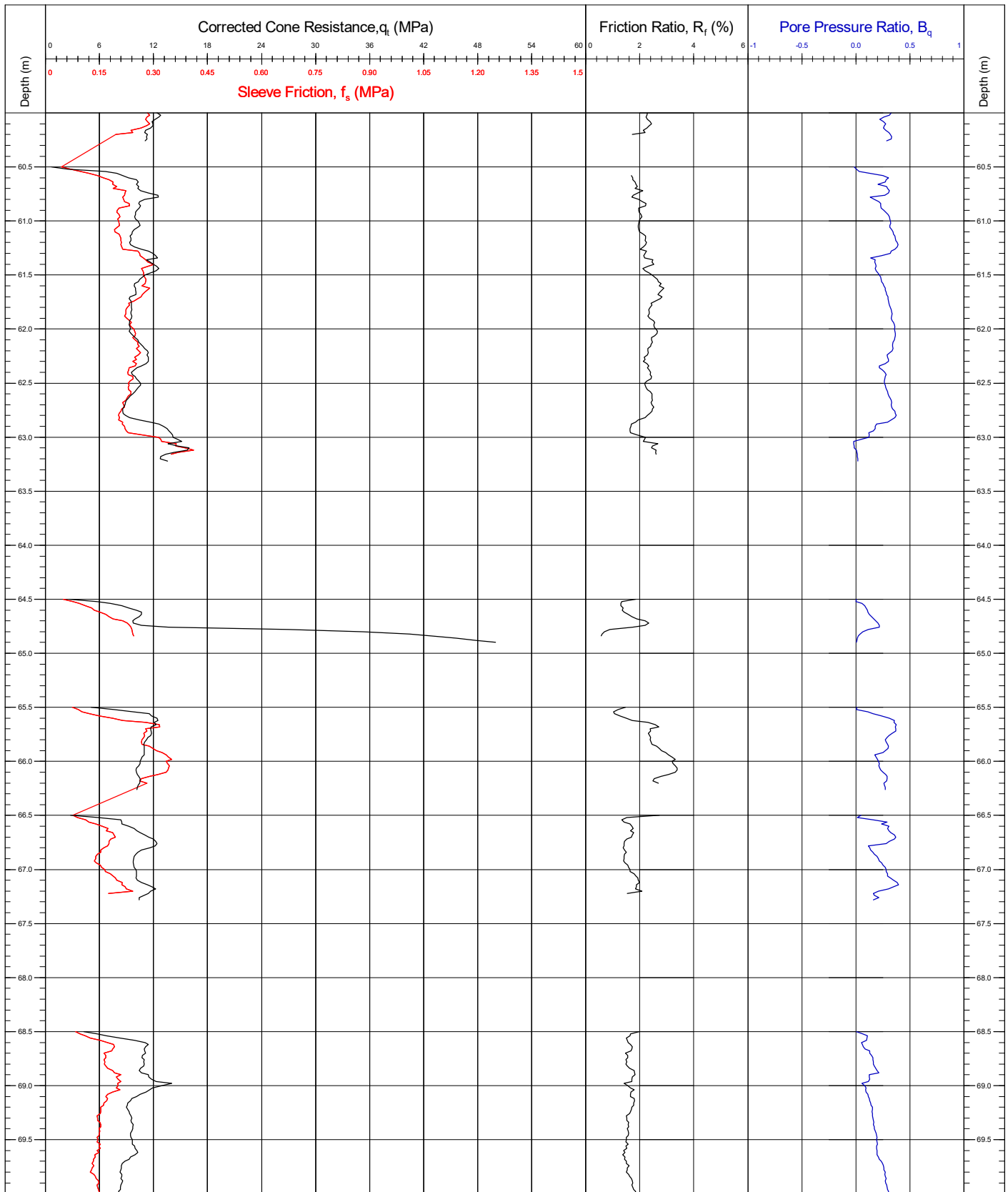


Area	Kattegat Sea	Coordinates	677391.00E 6276213.60N	CPT Number	
Contract	11596	Latitude / Longitude		CB9-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.85	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/06/2021 to 04/06/2021	QC Status	
Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(03/06/2021)	(10/06/2021)
				(10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

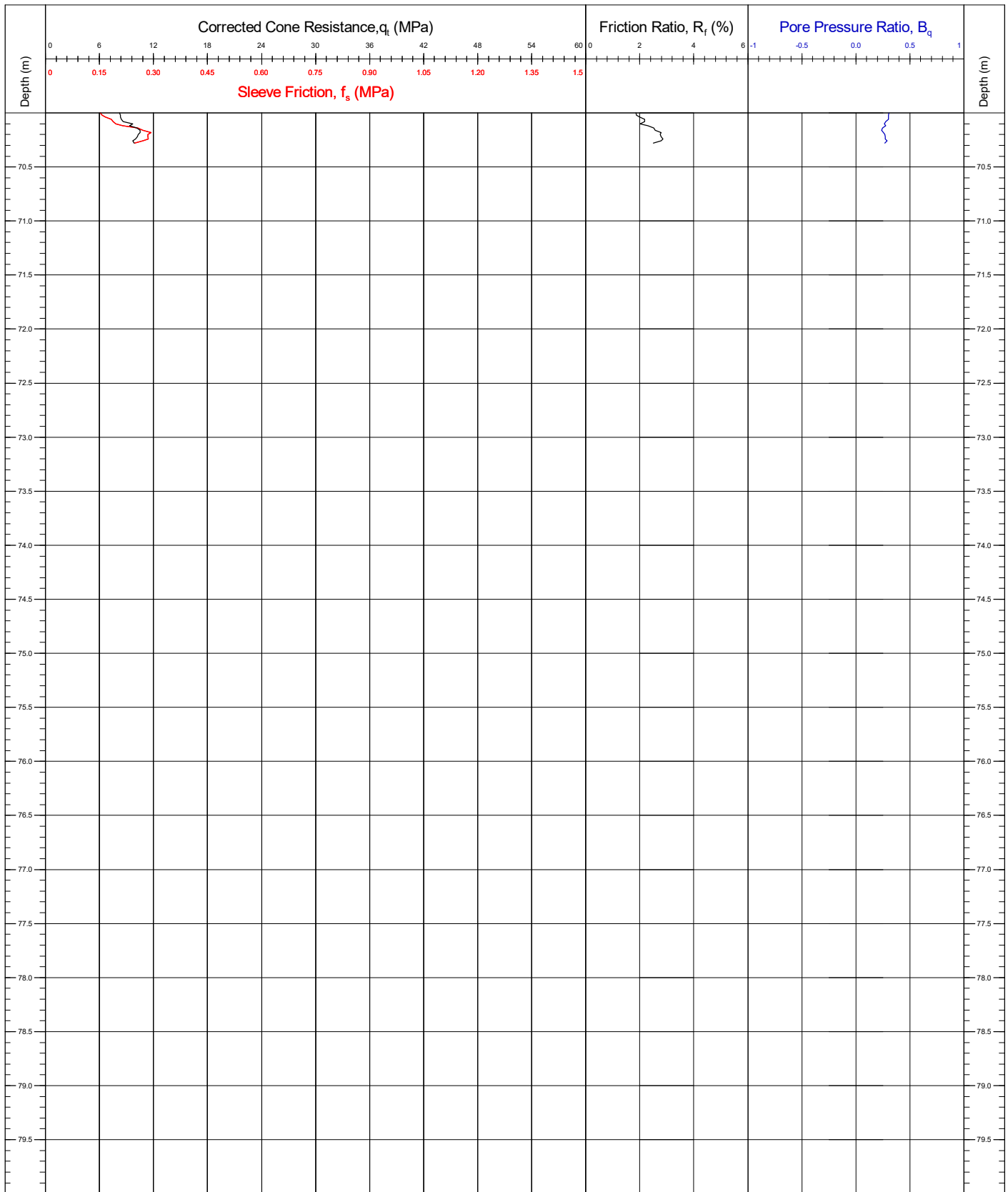


Area	Kattegat Sea	Coordinates	677391.00E 6276213.60N	CPT Number	
Contract	11596	Latitude / Longitude		CB9-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.85	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/06/2021 to 04/06/2021	QC Status	
Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(03/06/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

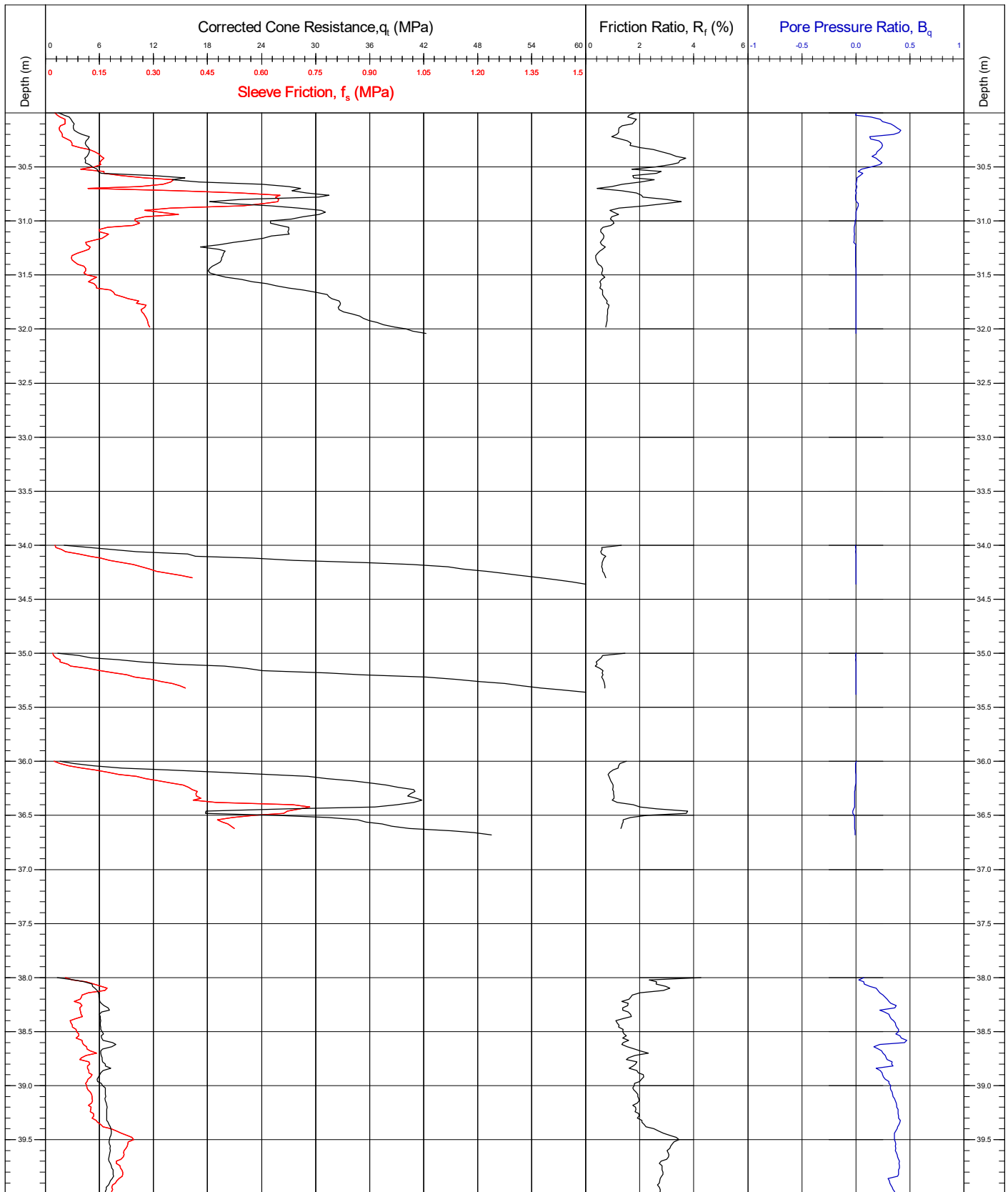


Area	Kattegat Sea	Coordinates	677391.00E 6276213.60N	CPT Number CB9-BH		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.85	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/06/2021 to 04/06/2021	QC Status		
Comments: Borehole CB9-BH was completed to a depth of 70.94m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	Preliminary Draft Final		
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc		
		CRS	ETRS89	(03/06/2021) (10/06/2021) (10/11/2021)		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

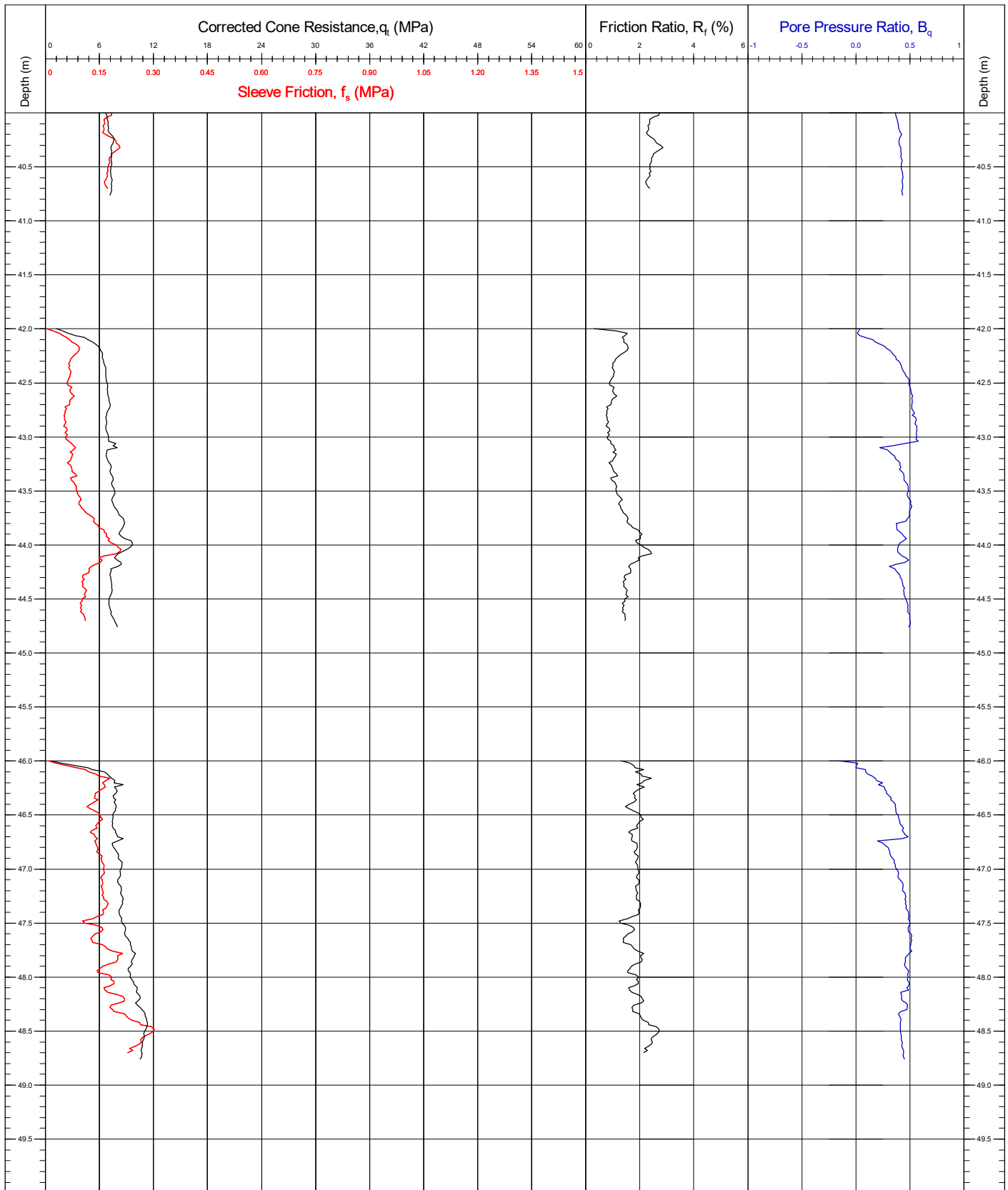


Area	Kattegat Sea	Coordinates	678755.50E 6261514.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB10a-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	33.11			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	05/06/2021 to 06/06/2021	Page: 1/4		
Comments: Borehole CB10a-BH was completed to a depth of 70.29m utilising API drilling - Wison CPT and push sampling methods.				QC Status		
				Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	
Base Inclination				X = 0.0° / Y = 0.0°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

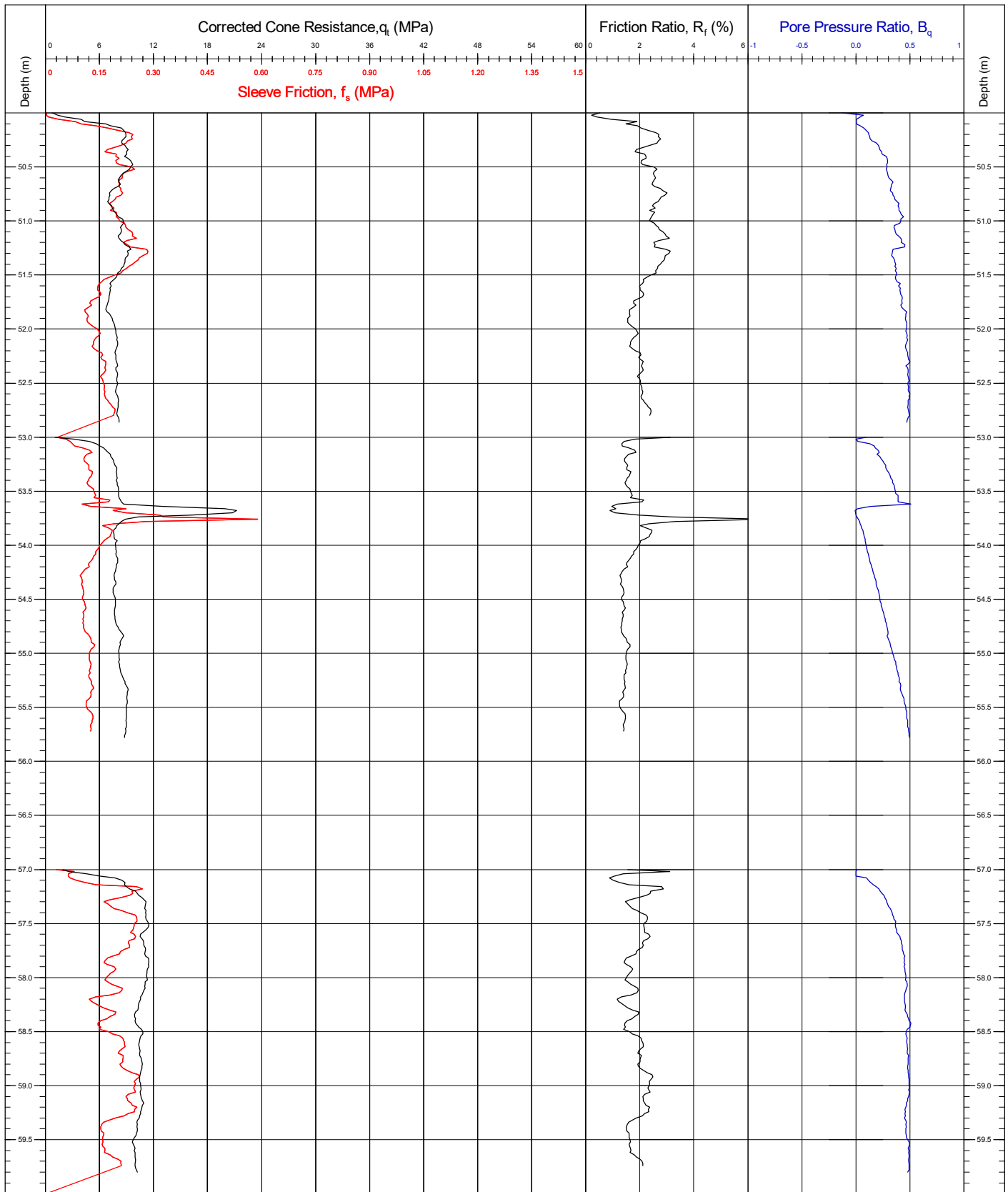


Area	Kattegat Sea	Coordinates	678755.50E 6261514.20N	CPT Number	
Contract	11596	Latitude / Longitude		CB10a-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	33.11	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	05/06/2021 to 06/06/2021	QC Status	
Comments: Borehole CB10a-BH was completed to a depth of 70.29m utilising API drilling - Wison CPT and push sampling methods.		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(05/06/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

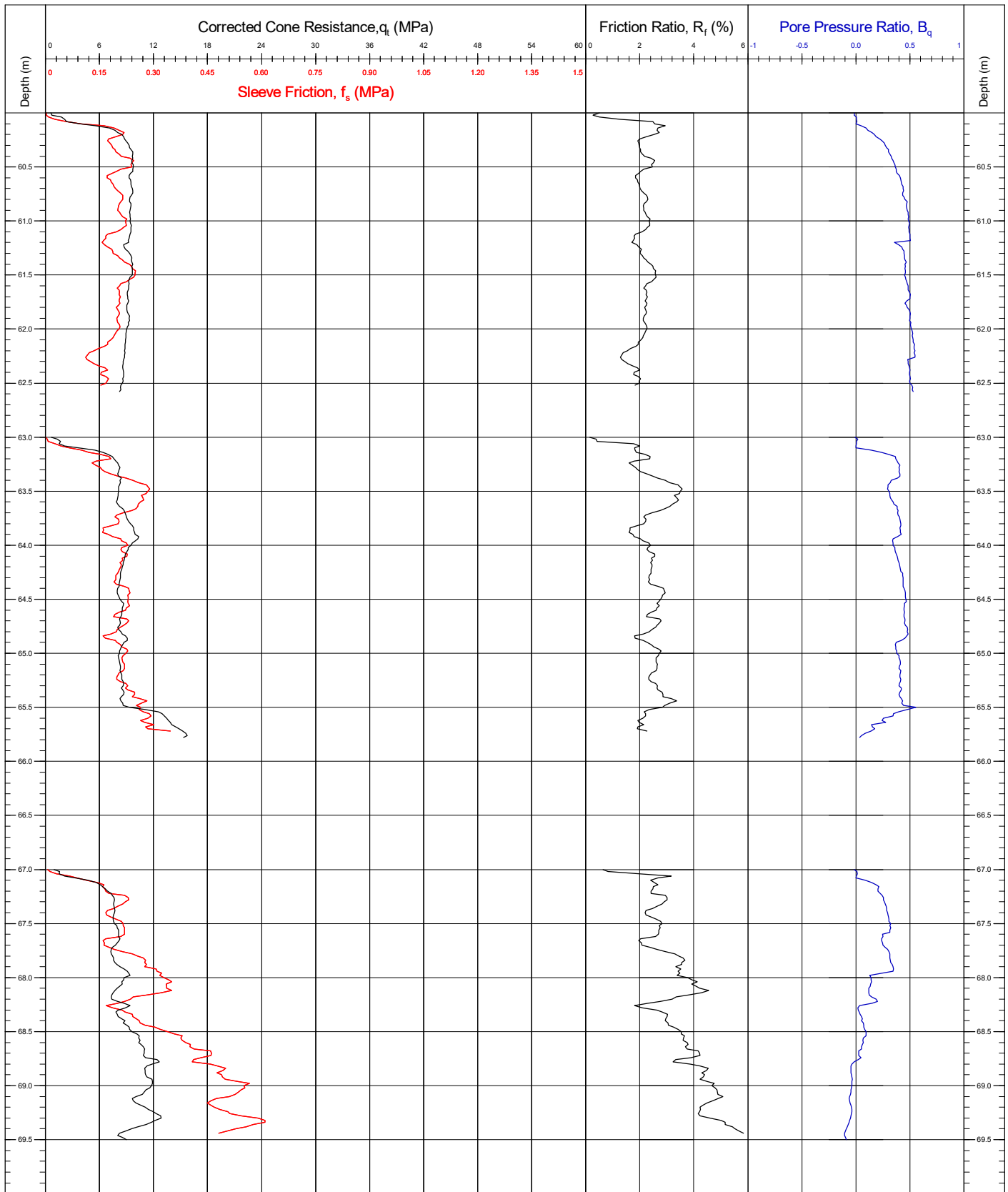


Area	Kattegat Sea	Coordinates	678755.50E 6261514.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB10a-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	33.11			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	05/06/2021 to 06/06/2021	Page: 3/4		
Comments: Borehole CB10a-BH was completed to a depth of 70.29m utilising API drilling - Wison CPT and push sampling methods.		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

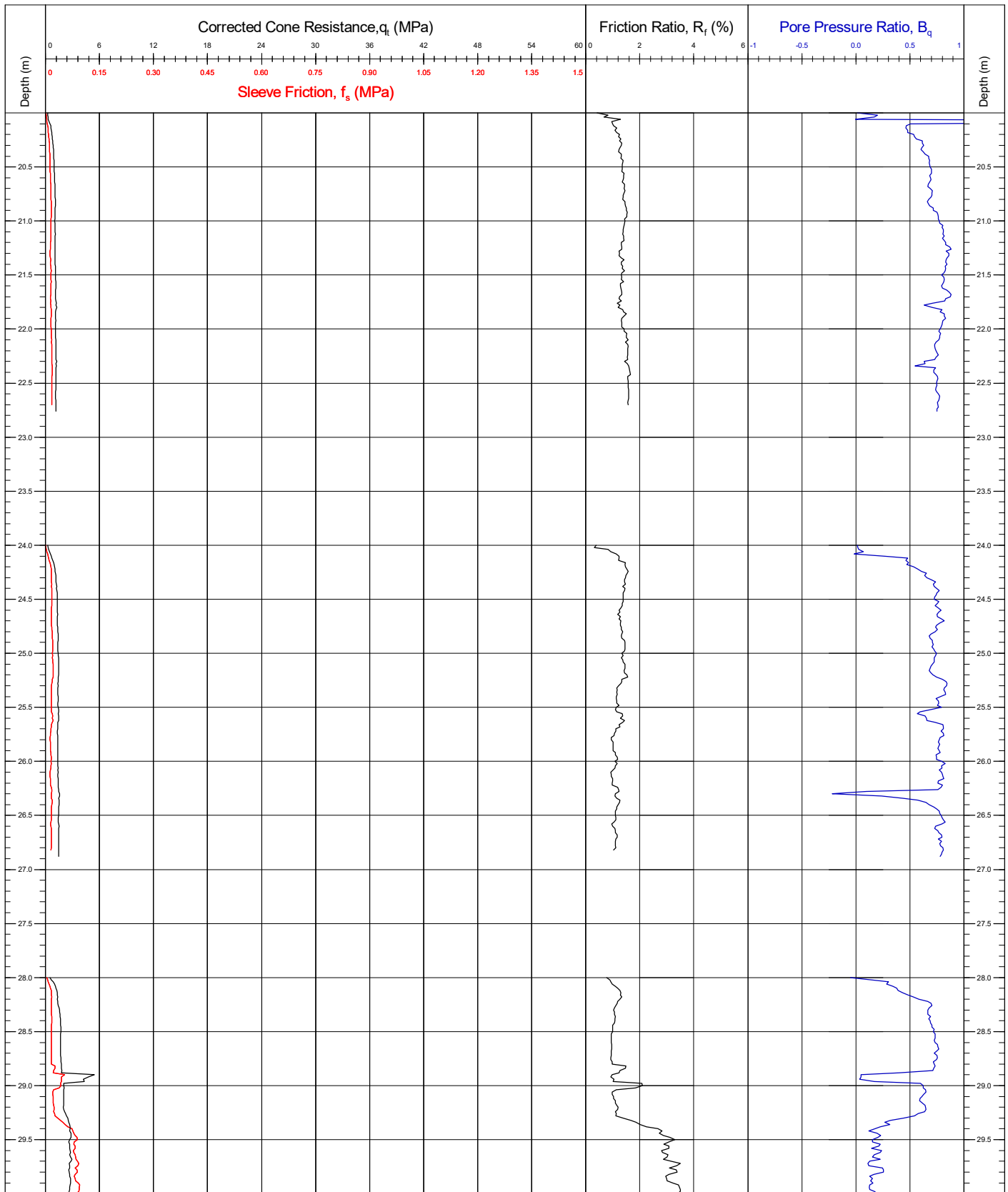


Area	Kattegat Sea	Coordinates	678755.50E 6261514.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB10a-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	33.11			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	05/06/2021 to 06/06/2021	Page: 4/4		
Comments: Borehole CB10a-BH was completed to a depth of 70.29m utilising API drilling - Wison CPT and push sampling methods.		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (05/06/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

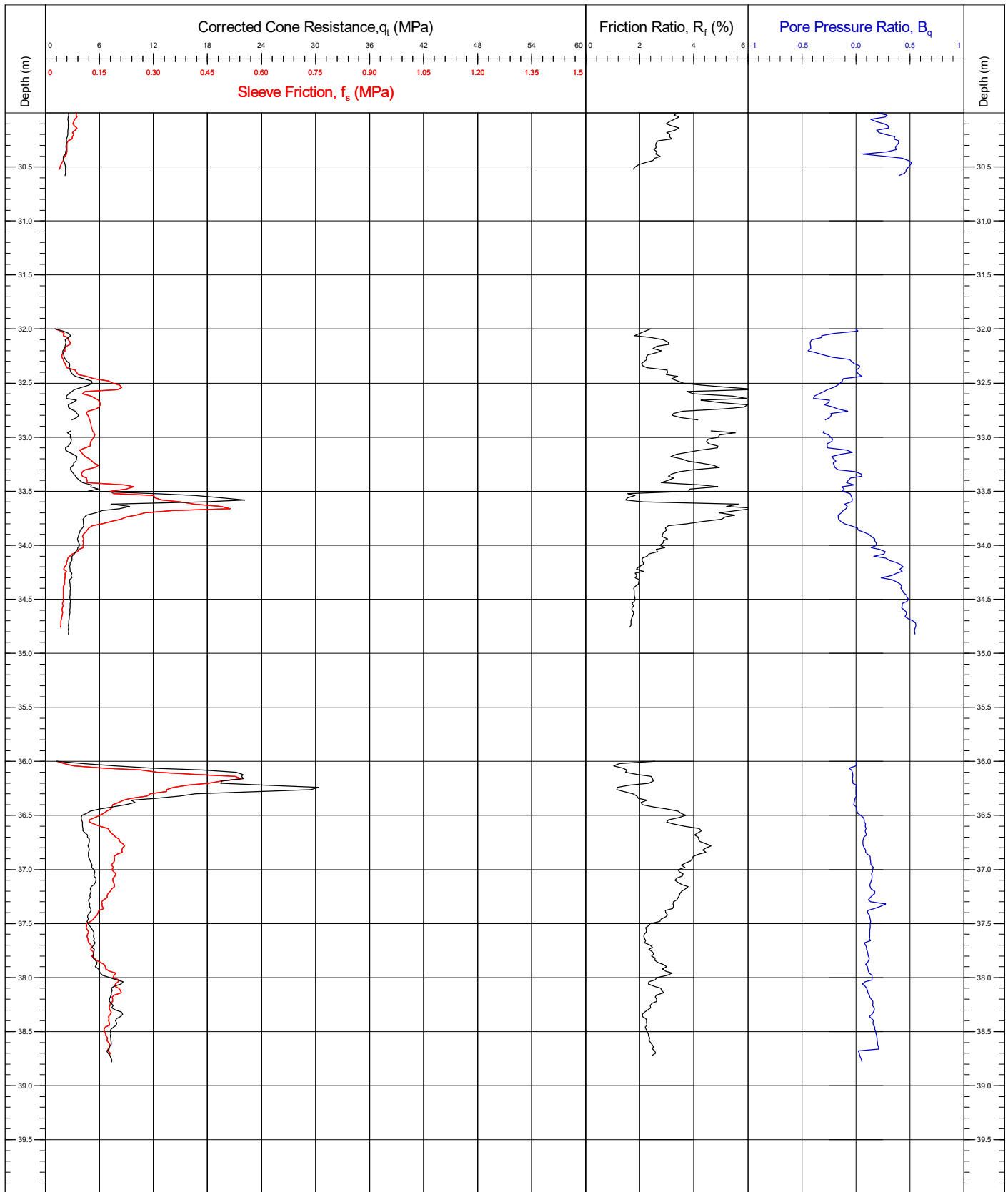


Area	Kattegat Sea	Coordinates	678372.10E 6256261.30N	CPT Number	
Contract	11596	Latitude / Longitude		CB11-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.48	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	22/05/2021 to 23/05/2021	QC Status	
Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (23/05/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

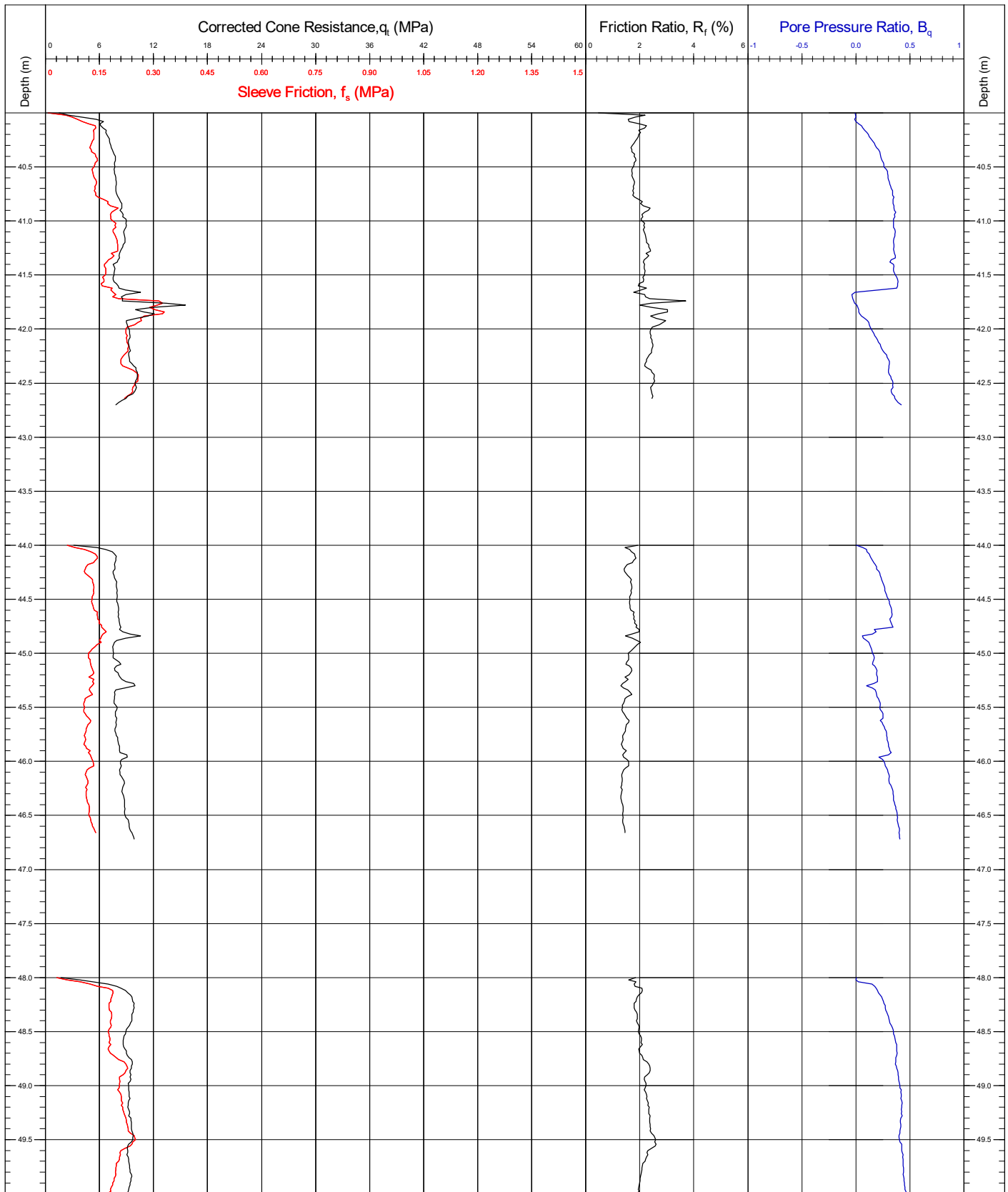


Area	Kattegat Sea	Coordinates	678372.10E 6256261.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB11-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.48			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	22/05/2021 to 23/05/2021	Page: 2/4		
<small>Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.</small>		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (23/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

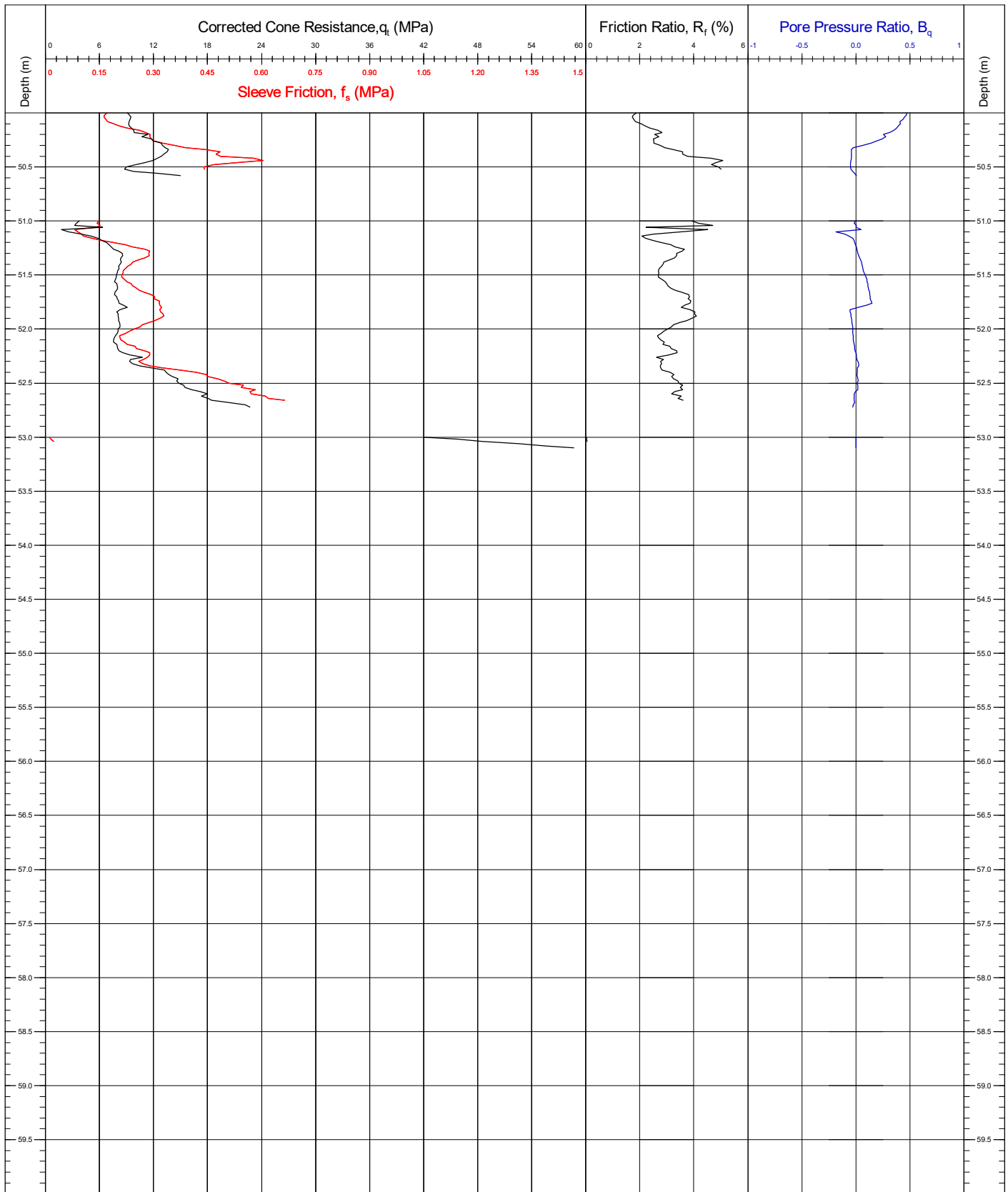


Area	Kattegat Sea	Coordinates	678372.10E 6256261.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB11-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.48			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	22/05/2021 to 23/05/2021	Page: 3/4		
<small>Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.</small>		Cone No.(size)/ α Factor	120826 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC <small>(23/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

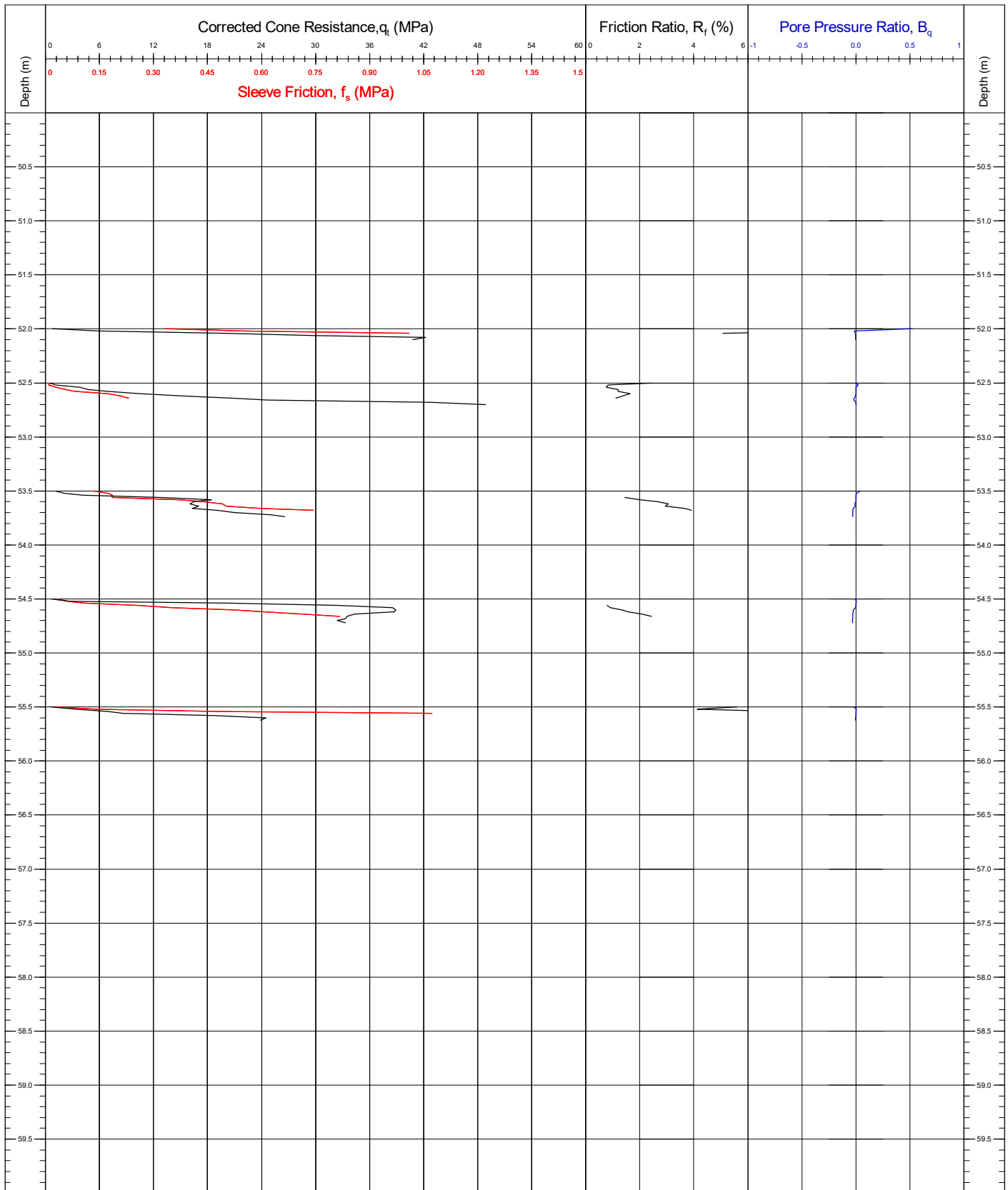


Area	Kattegat Sea	Coordinates	678372.10E 6256261.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB11-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.48	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	22/05/2021 to 23/05/2021	QC Status		
Comments: Borehole CB11-BH was completed to a depth of 53.12m utilising API drilling- Wilson CPT and push sampling methods- at which point it was terminated due to rising weather conditions.		Cone No.(size)/α Factor	120826 (10cm ²) / 0.76	Preliminary Draft Final		
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR	SMc
		CRS	ETRS89	(23/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

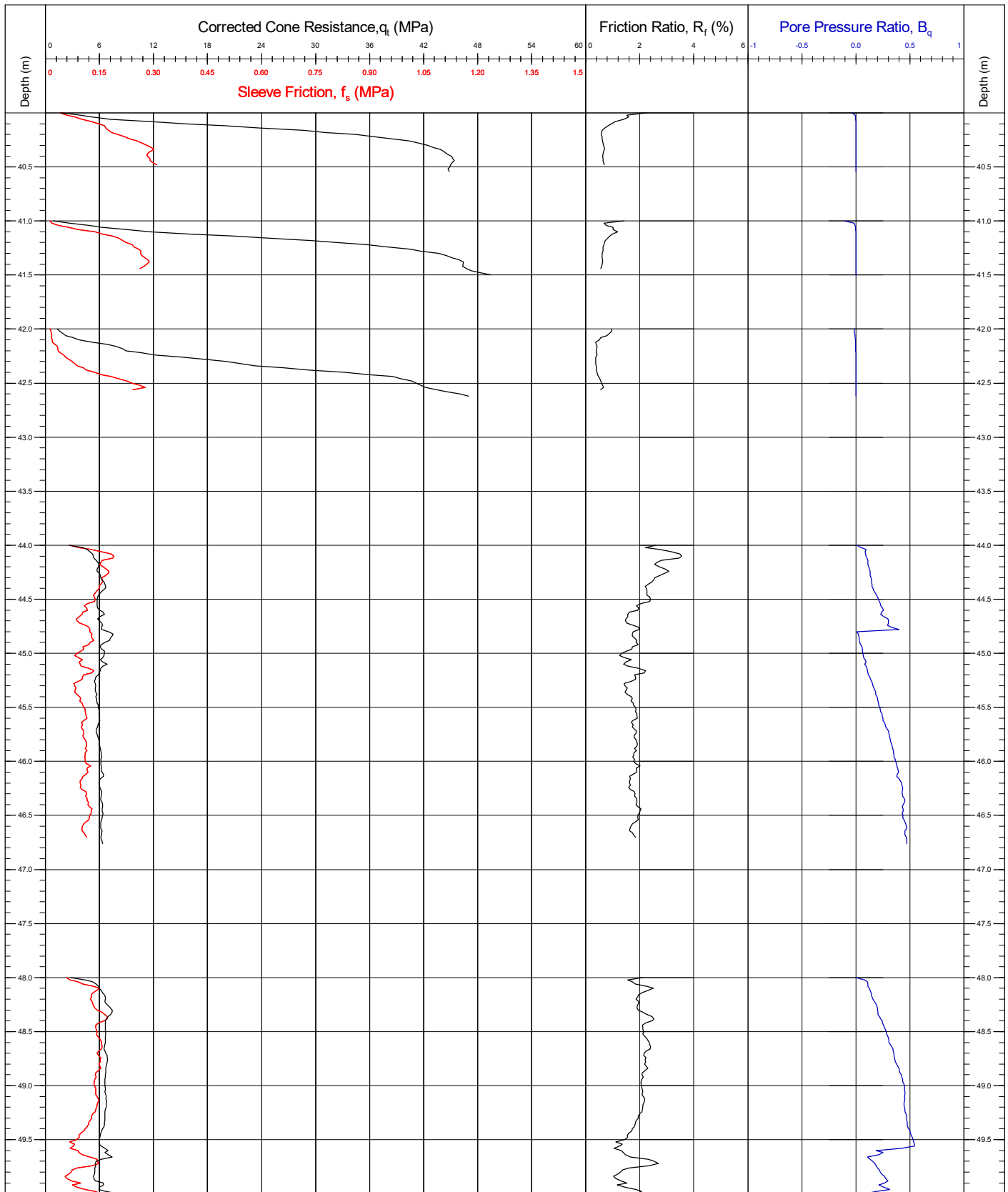


Area	Kattegat Sea	Coordinates	678366.70E	6256257.10N	CPT Number
Contract	11596	Latitude / Longitude			CB11a-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54		Page: 1/1
Vessel	MV Ocean Vantage	Date of Test	24/05/2021		QC Status
<small>Comments: Borehole CB11a-BH was completed to a depth of 57.00m utilising API drilling - Wilson CPT and push sampling methods after open hole drill out to 52.00m. P-S logging was performed from 53.00m up to 4.00m below mudline.</small>		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
					JK/BC <small>(24/05/2021)</small>
					DR <small>(10/06/2021)</small>
					SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

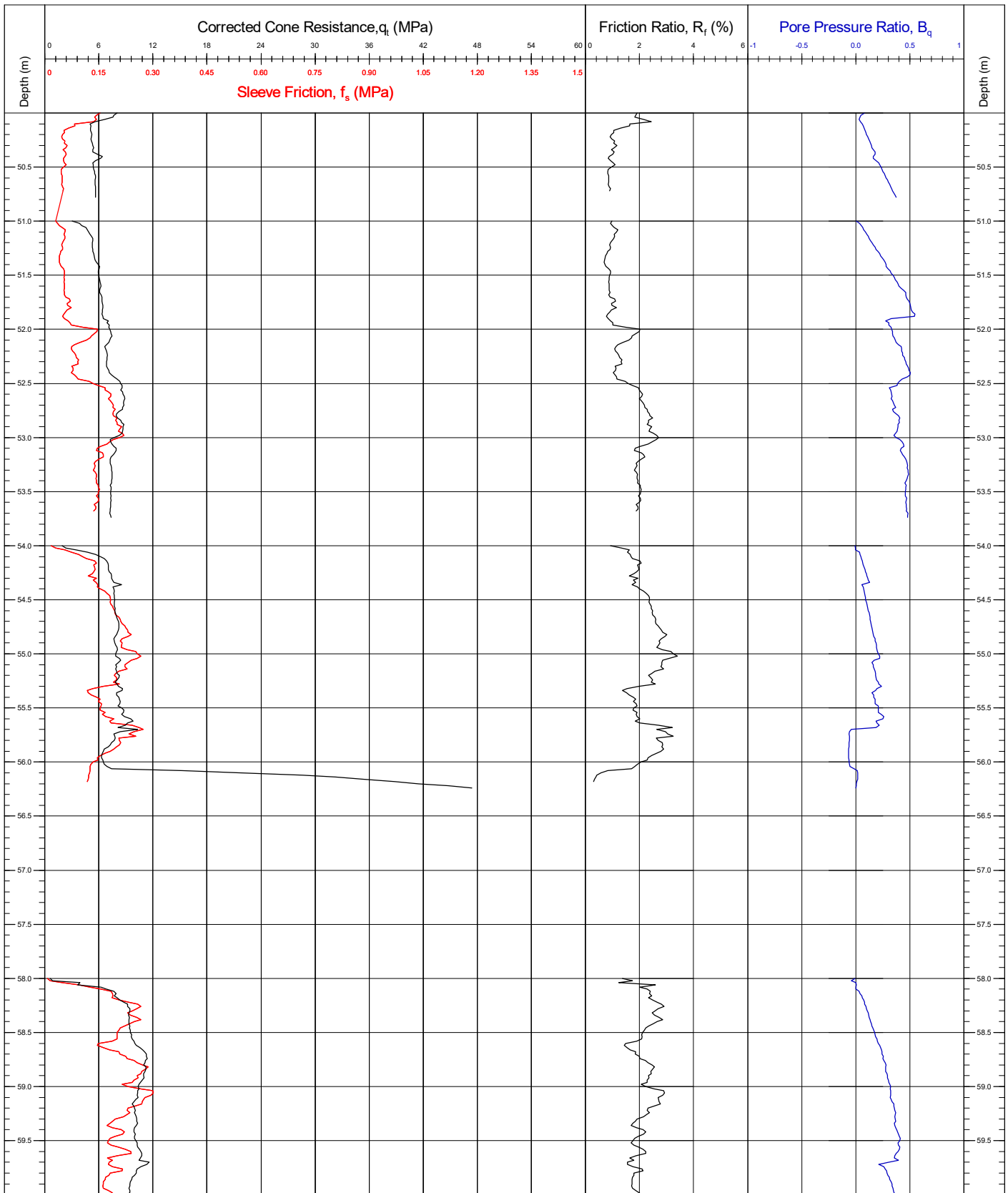


Area	Kattegat Sea	Coordinates	677450.40E 6270639.00N	CPT Number	
Contract	11596	Latitude / Longitude		CB12-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.86	Page: 1/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	02/06/2021 to 03/06/2021	QC Status	
Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(02/06/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

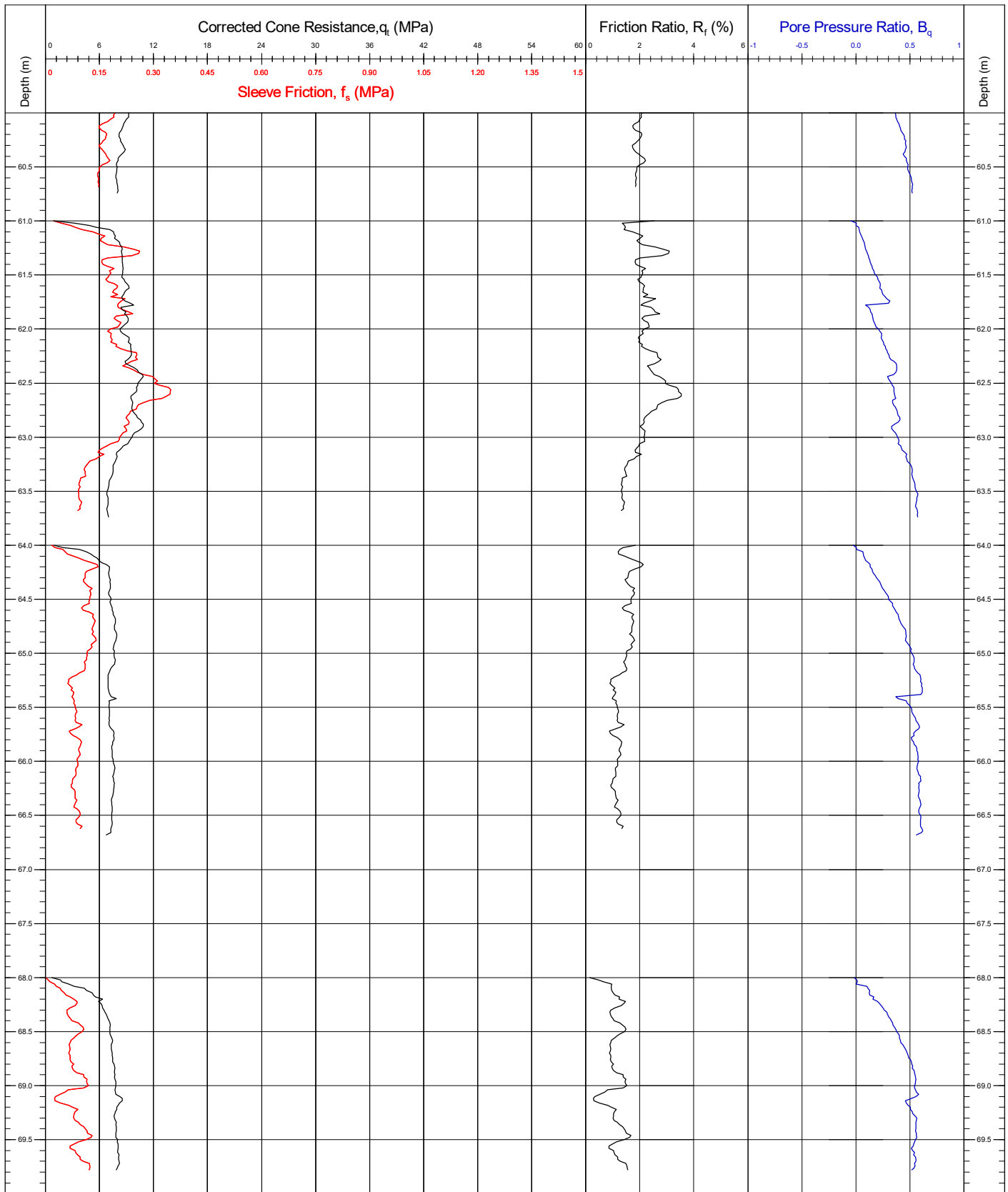


Area	Kattegat Sea	Coordinates	677450.40E 6270639.00N	CPT Number		
Contract	11596	Latitude / Longitude		CB12-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.86			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	02/06/2021 to 03/06/2021	Page: 2/3		
Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods				QC Status		
				Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	Preliminary
				Base Inclination		
				X = 0.0° / Y = 0.0°		
				CRS ETRS89		
				JK/BC (02/06/2021) DR (10/06/2021) SMC (10/11/2021)		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

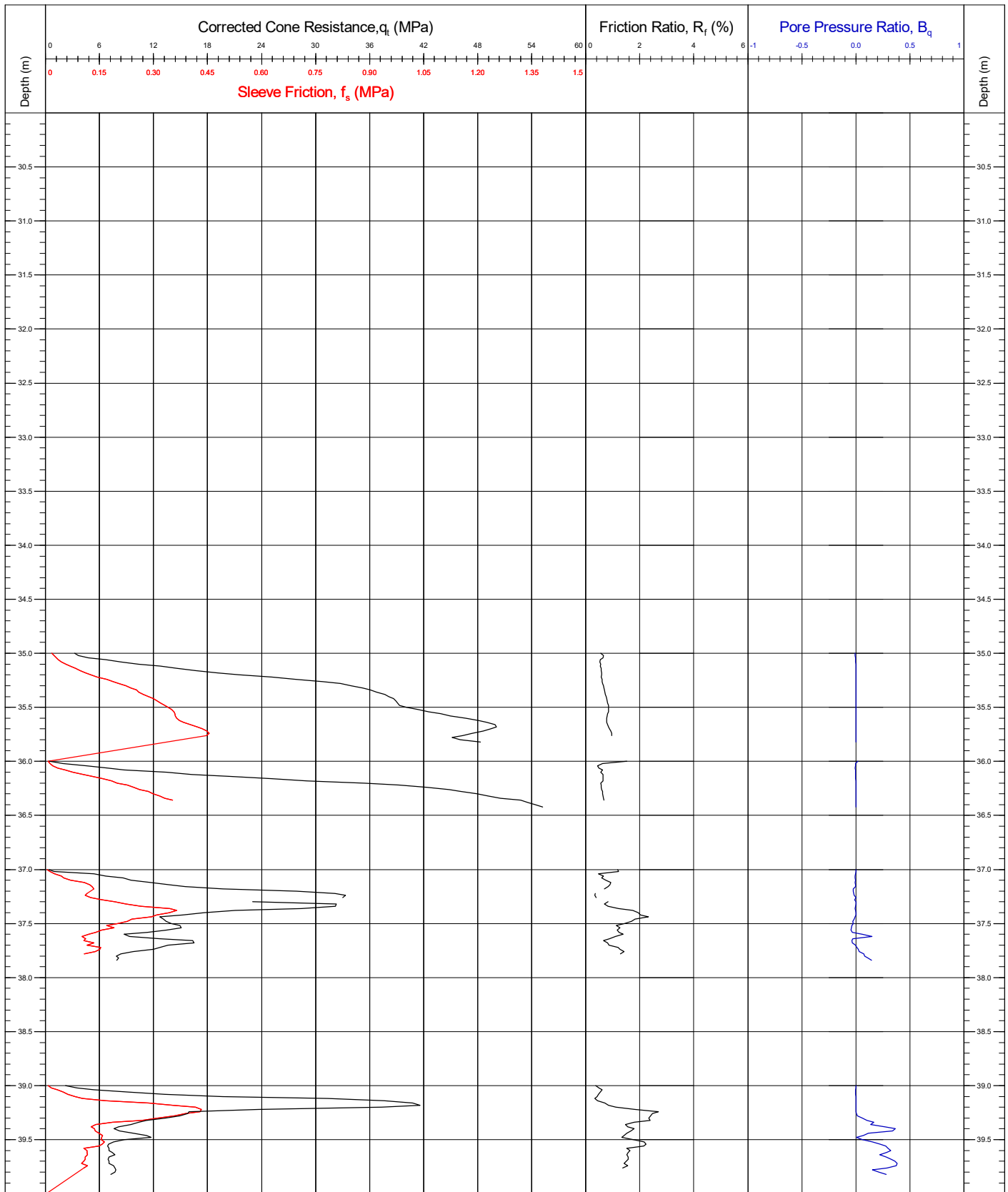


Area	Kattegat Sea	Coordinates	677450.40E 6270639.00N	CPT Number	
Contract	11596	Latitude / Longitude		CB12-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.86	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	02/06/2021 to 03/06/2021	QC Status	
Comments: Borehole CB12-BH was completed to a depth of 70.68m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	121005G (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(02/06/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

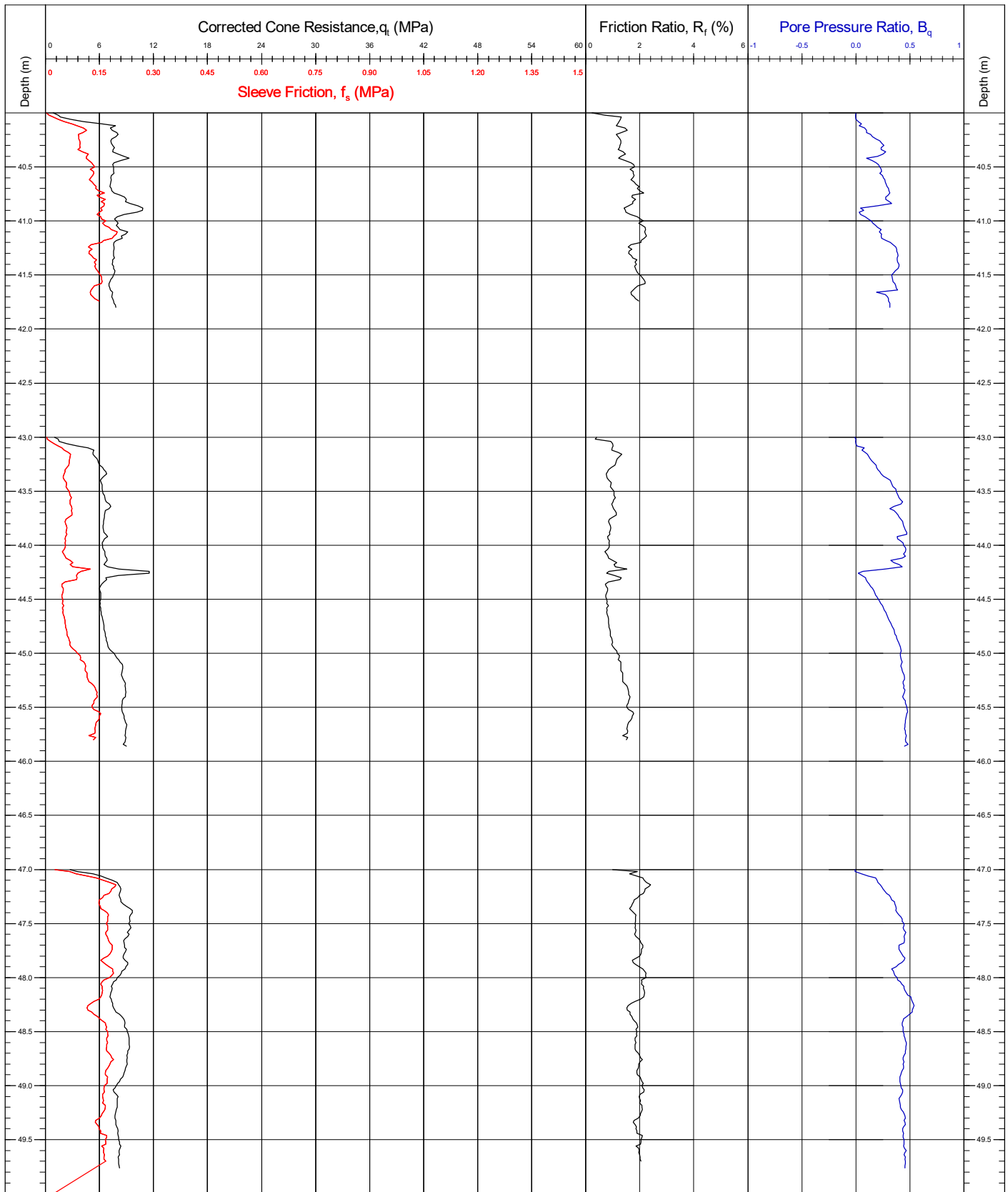


Area	Kattegat Sea	Coordinates	670639.20E 6262915.30N	CPT Number	
Contract	11596	Latitude / Longitude		CB13-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.92	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	12/05/2021 to 14/05/2021	QC Status	
Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/α Factor	101017 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(14/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

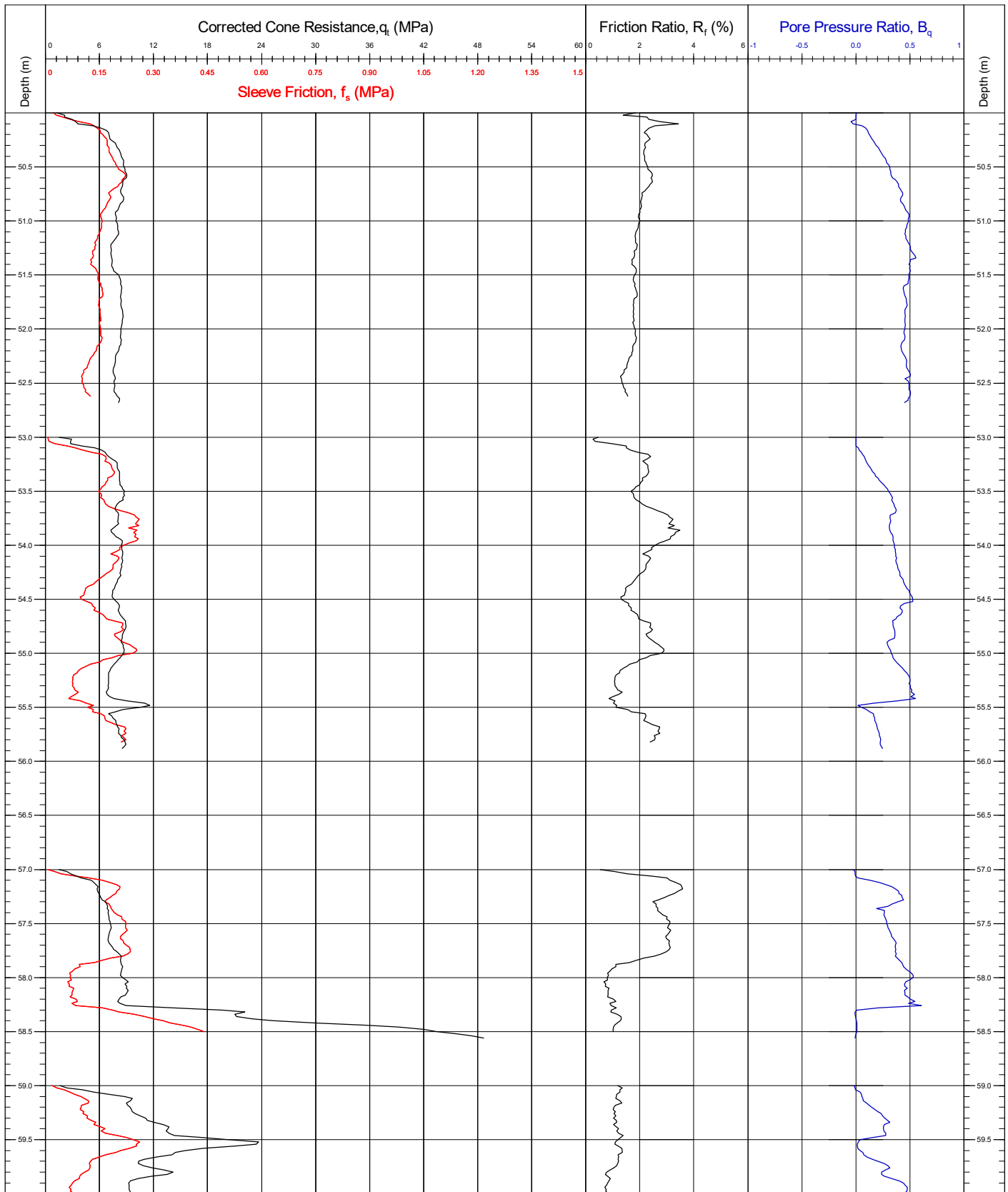


Area	Kattegat Sea	Coordinates	670639.20E	6262915.30N	CPT Number
Contract	11596	Latitude / Longitude			CB13-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.92		Page: 2/4
Vessel	MV Ocean Vantage	Date of Test (Start/End)	12/05/2021 to 14/05/2021		QC Status
Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(14/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

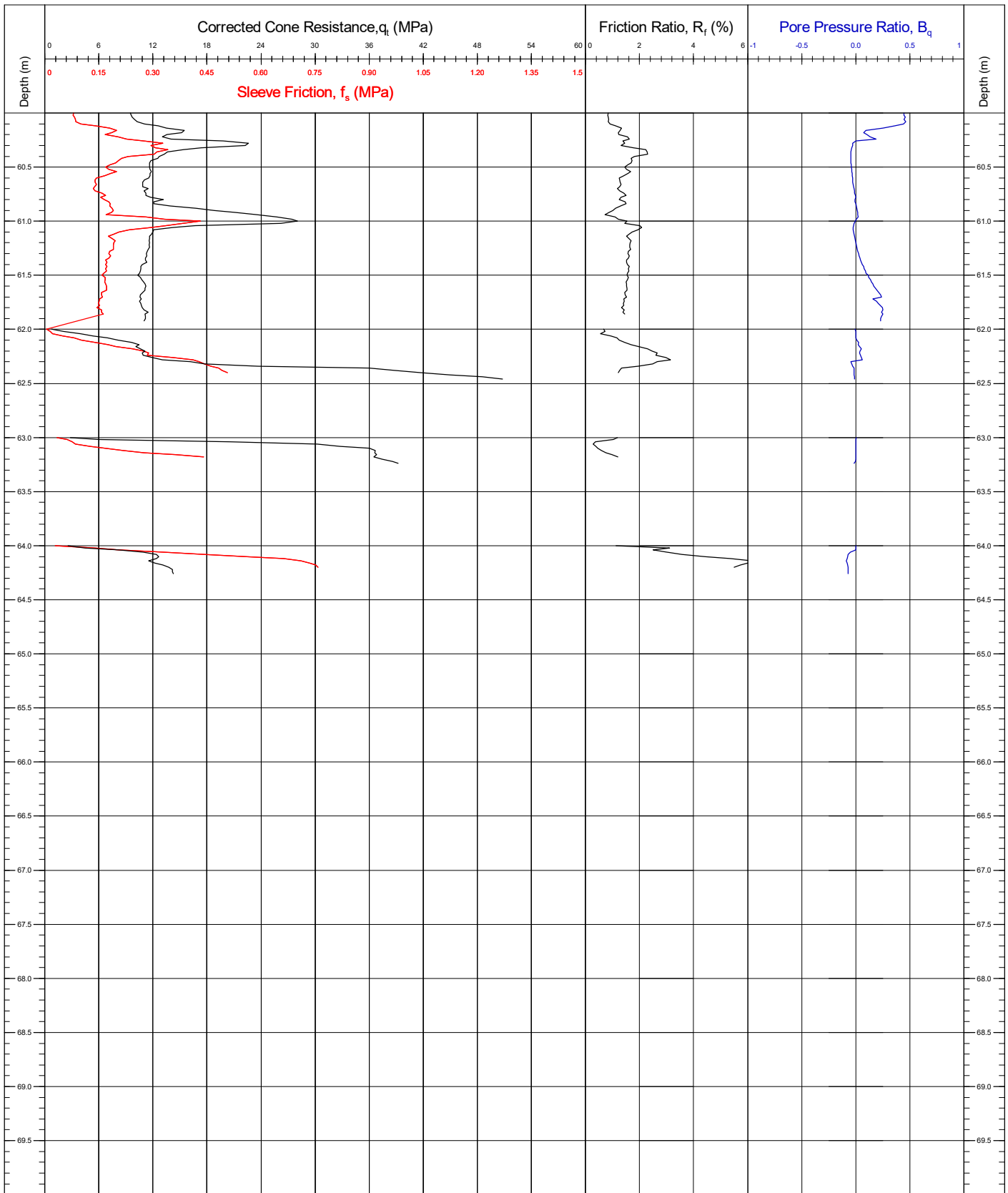


Area	Kattegat Sea	Coordinates	670639.20E	6262915.30N	CPT Number
Contract	11596	Latitude / Longitude			CB13-BH
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.92		Page: 3/4
Vessel	MV Ocean Vantage	Date of Test (Start/End)	12/05/2021 to 14/05/2021		QC Status
Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wison CPT and push sampling methods		Cone No.(size)/ α Factor	101017 (10cm ²) / 0.78		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(14/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

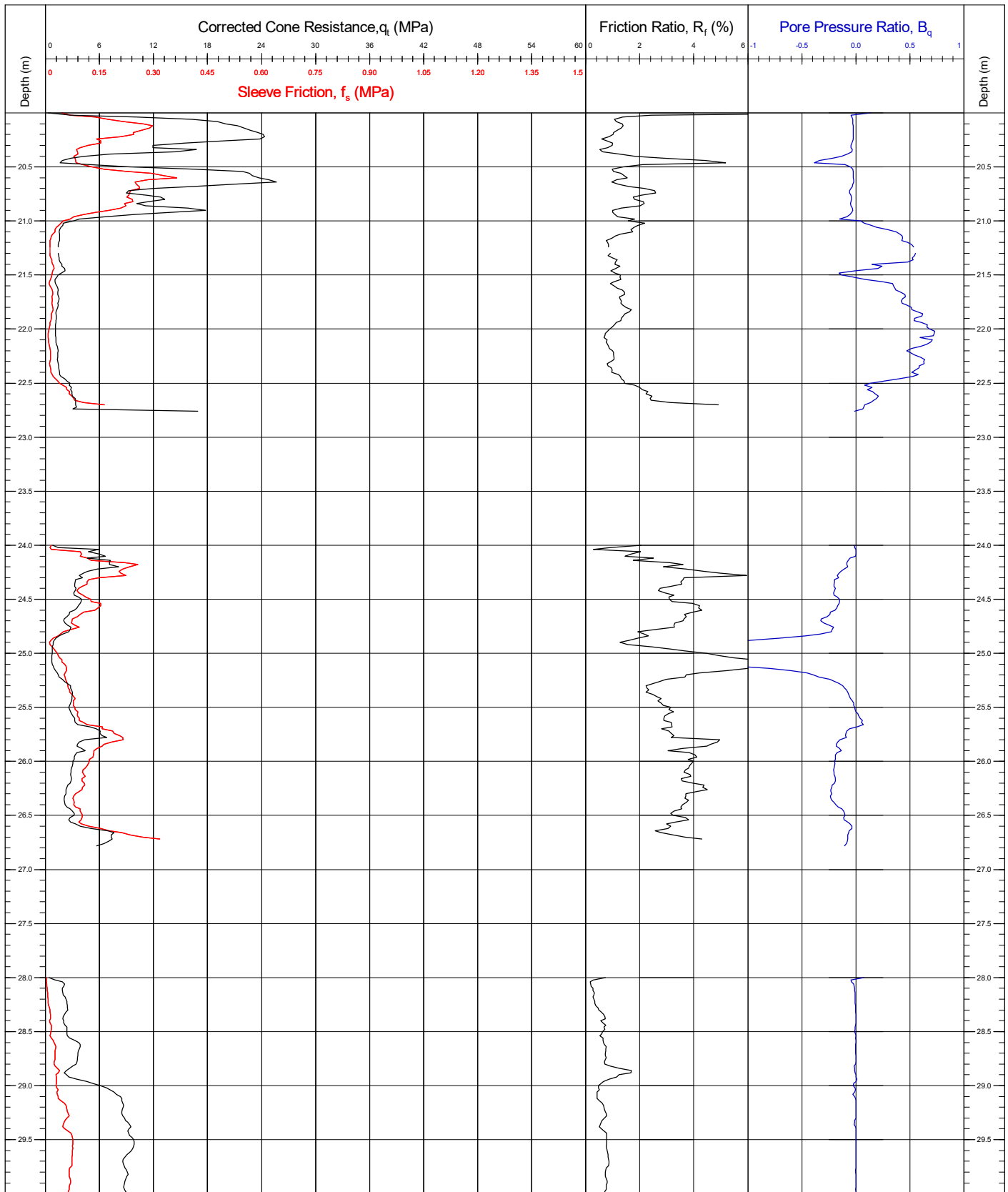


Area	Kattegat Sea	Coordinates	670639.20E 6262915.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB13-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.92	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	12/05/2021 to 14/05/2021	QC Status		
Comments: Borehole CB13-BH was completed to a depth of 66.48m utilising API drilling- Wilson CPT and push sampling methods		Cone No.(size)/α Factor	101017 (10cm ²) / 0.78	Preliminary Draft Final		
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR	SMc
		CRS	ETRS89	(14/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

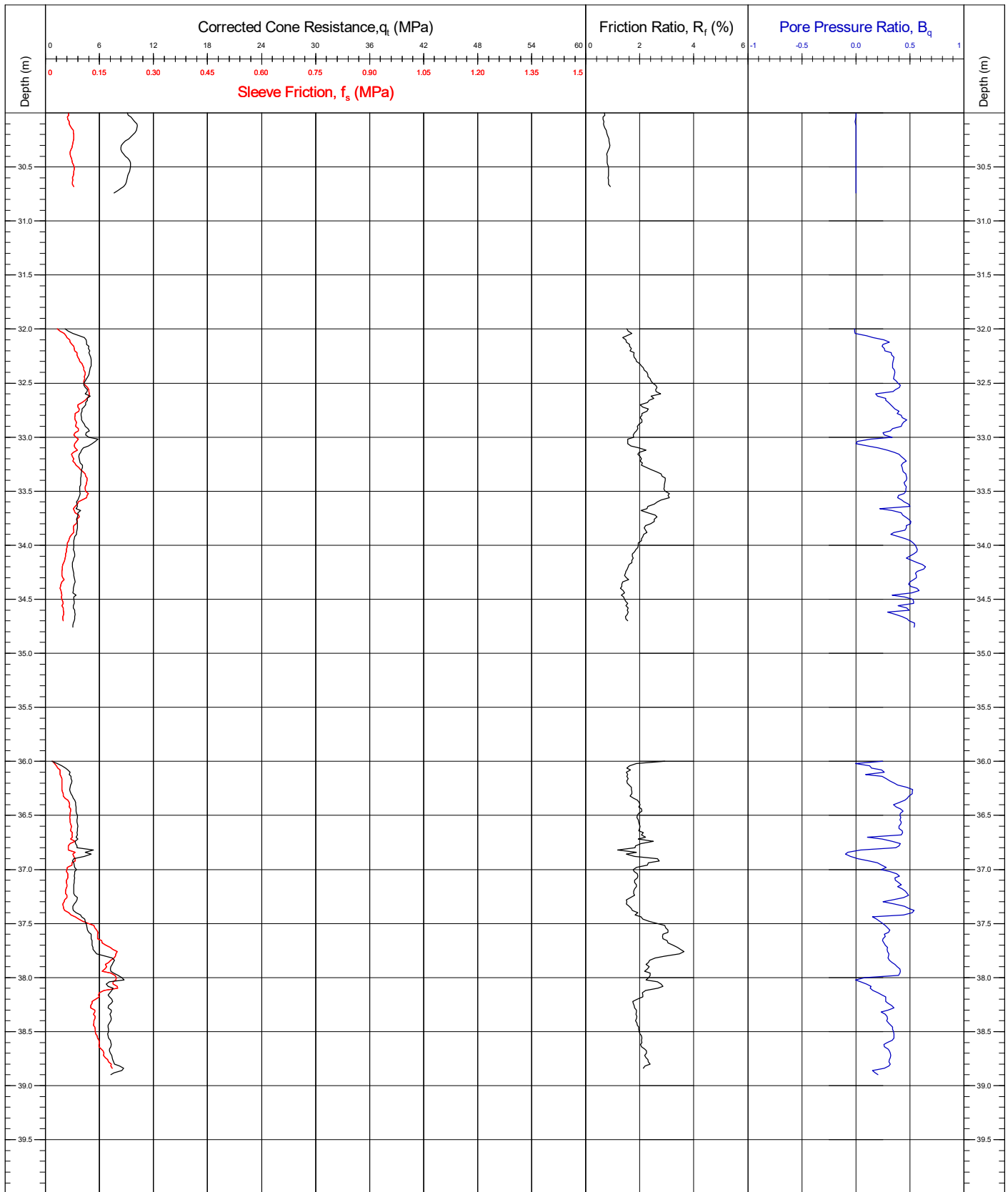


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB14-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 1/5	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	QC Status	
Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/ α Factor	121126 (10cm ²) / 0.79	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(21/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

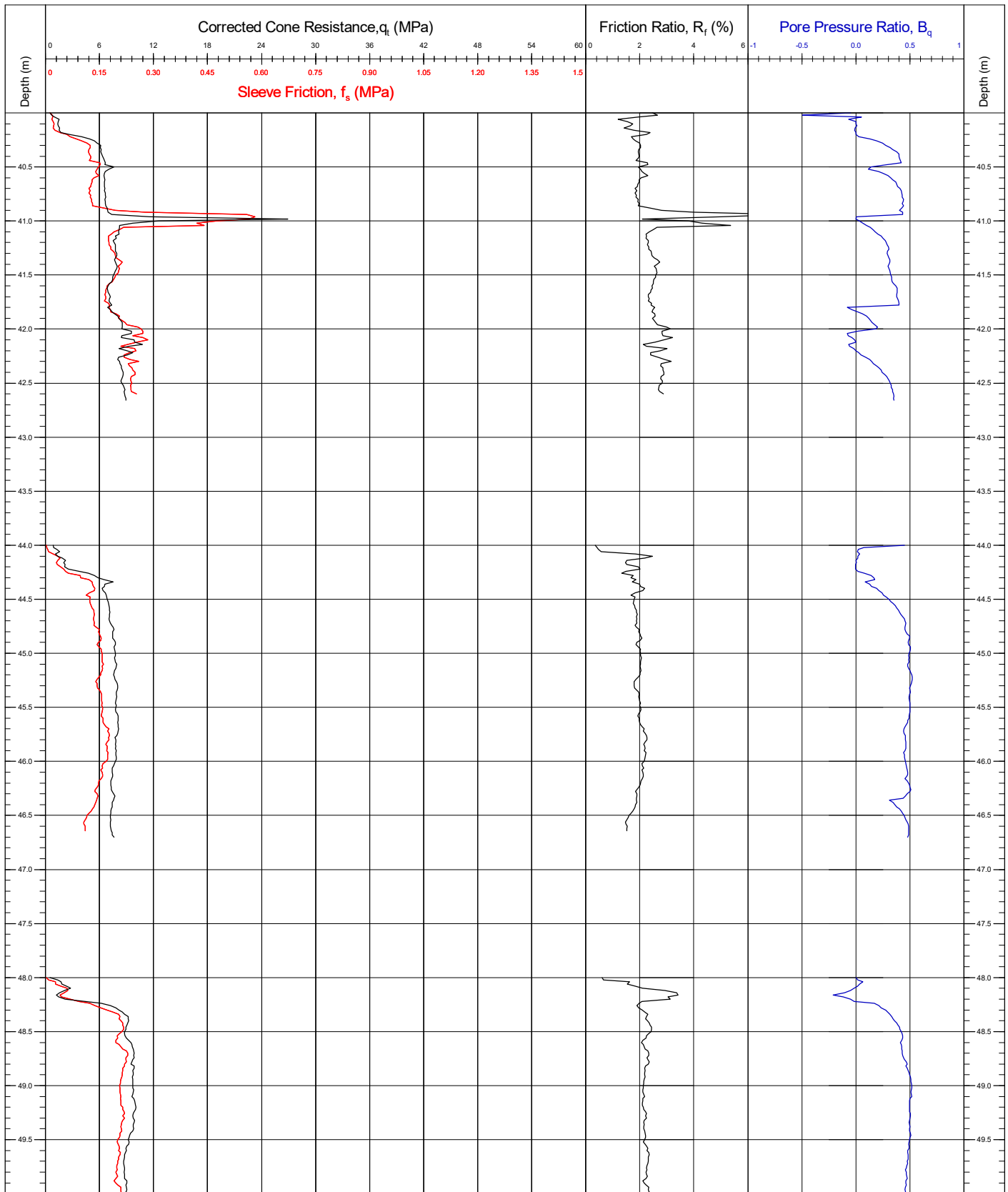


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB14-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	Page: 2/5	
Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/α Factor	121126 (10cm ²) / 0.79	QC Status	
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft
		CRS	ETRS89	JK/BC (21/05/2021)	DR (10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

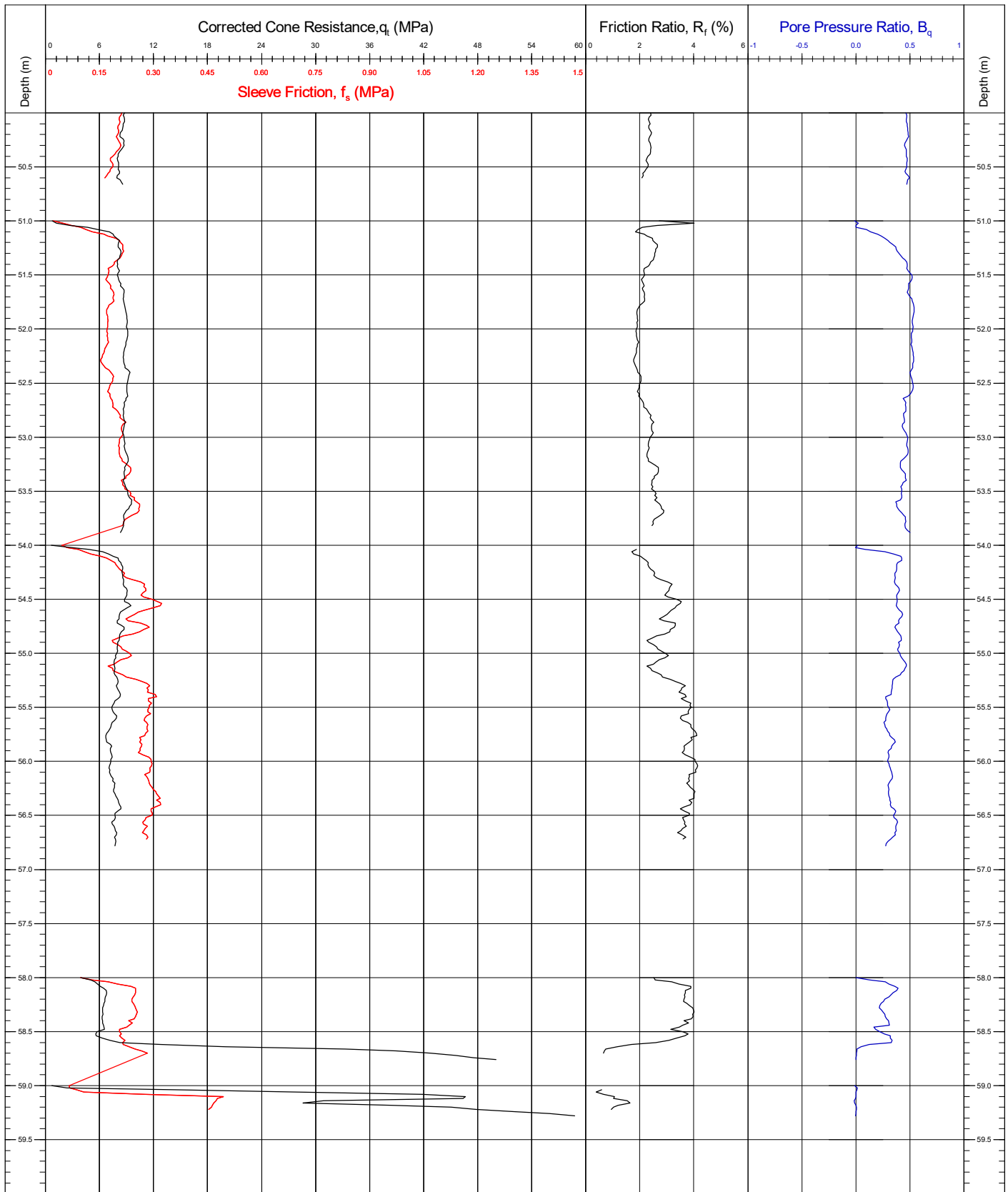


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB14-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 3/5	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	QC Status	
Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.		Cone No.(size)/α Factor	121126 (10cm ²) / 0.79	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (21/05/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

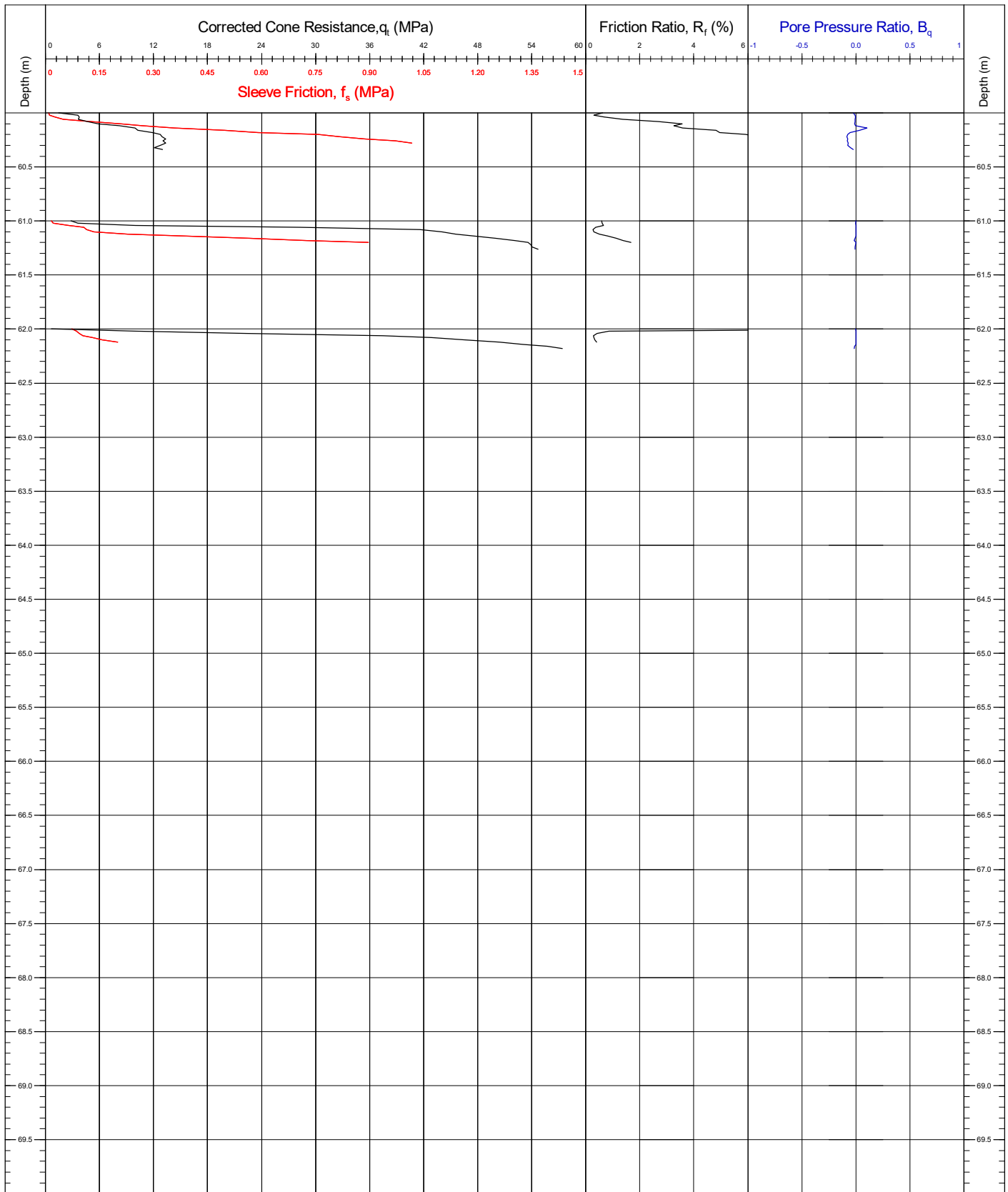


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number				
Contract	11596	Latitude / Longitude		CB14-BH				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60					
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	Page: 4/5				
<small>Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.</small>			Cone No.(size)/ α Factor	QC Status				
			Base Inclination	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Preliminary</td> <td style="width: 33%;">Draft</td> <td style="width: 33%;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(21/05/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>		Preliminary	Draft	Final
Preliminary	Draft	Final						
JK/BC <small>(21/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>						
		CRS	ETRS89					



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

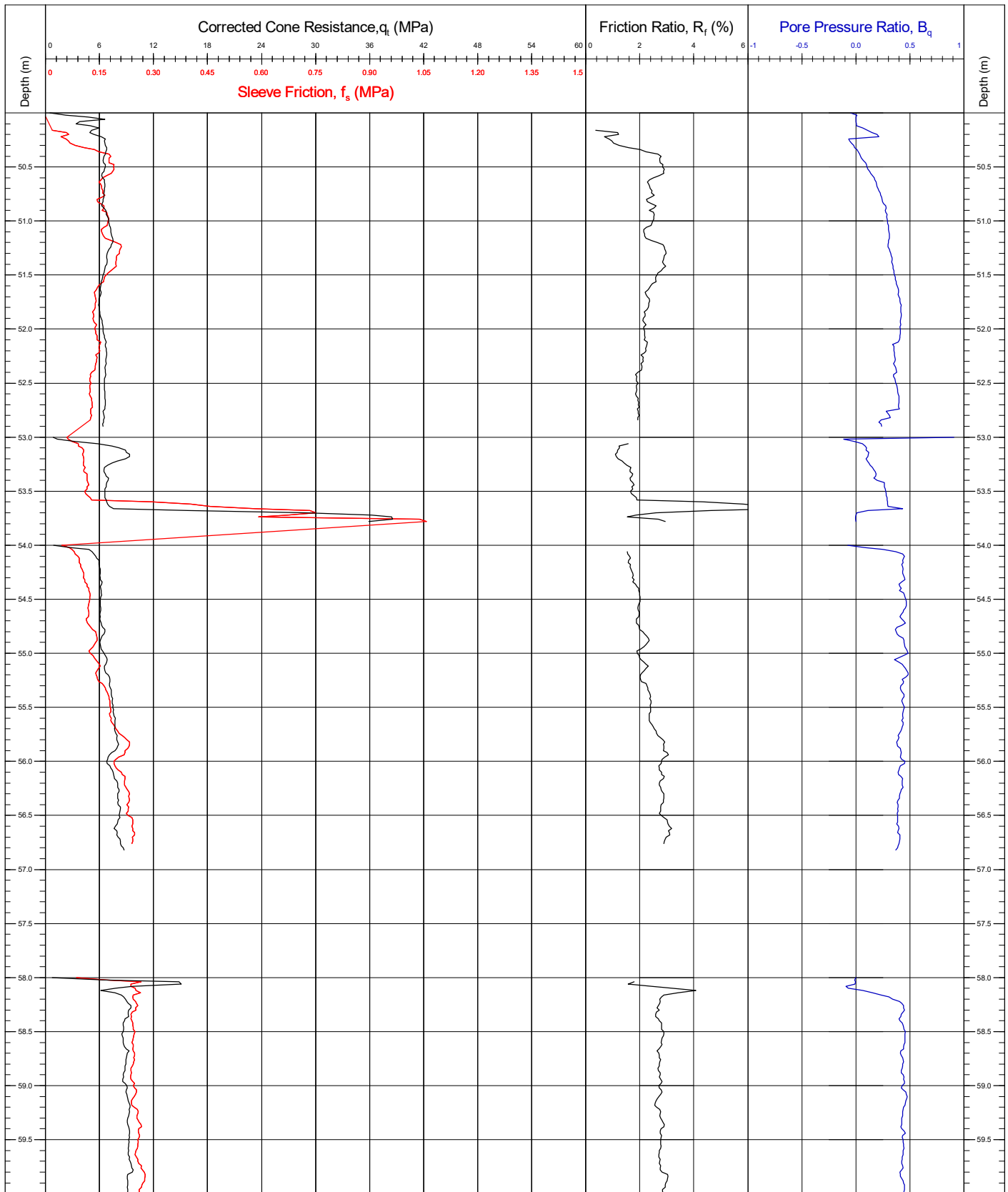


Area	Kattegat Sea	Coordinates	680529.70E 6252848.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB14-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 5/5	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	20/05/2021 to 21/05/2021	QC Status	
Comments: Borehole CB14-BH was completed to a depth of 62.33m utilising API drilling- Wilson CPT and push sampling methods.			Cone No.(size)/ α Factor	Final	
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft
		CRS	ETRS89	JK/BC (21/05/2021)	DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

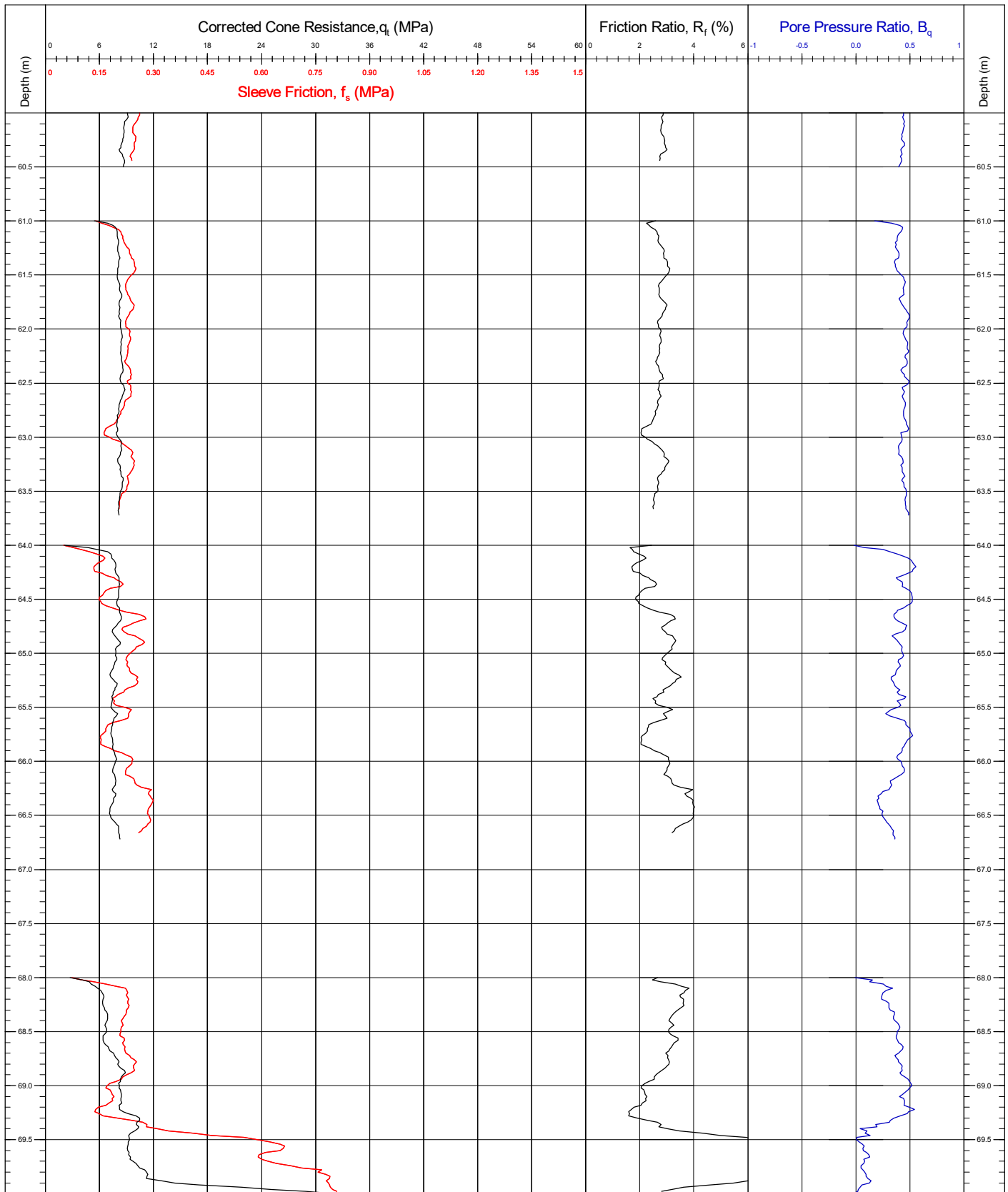


Area	Kattegat Sea	Coordinates	674181.30E 6265901.10N	CPT Number	
Contract	11596	Latitude / Longitude		OSS1-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.74	Page: 1/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	31/05/2021 to 02/06/2021	QC Status	
Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.		Cone No.(size)/α Factor	121004 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (31/05/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

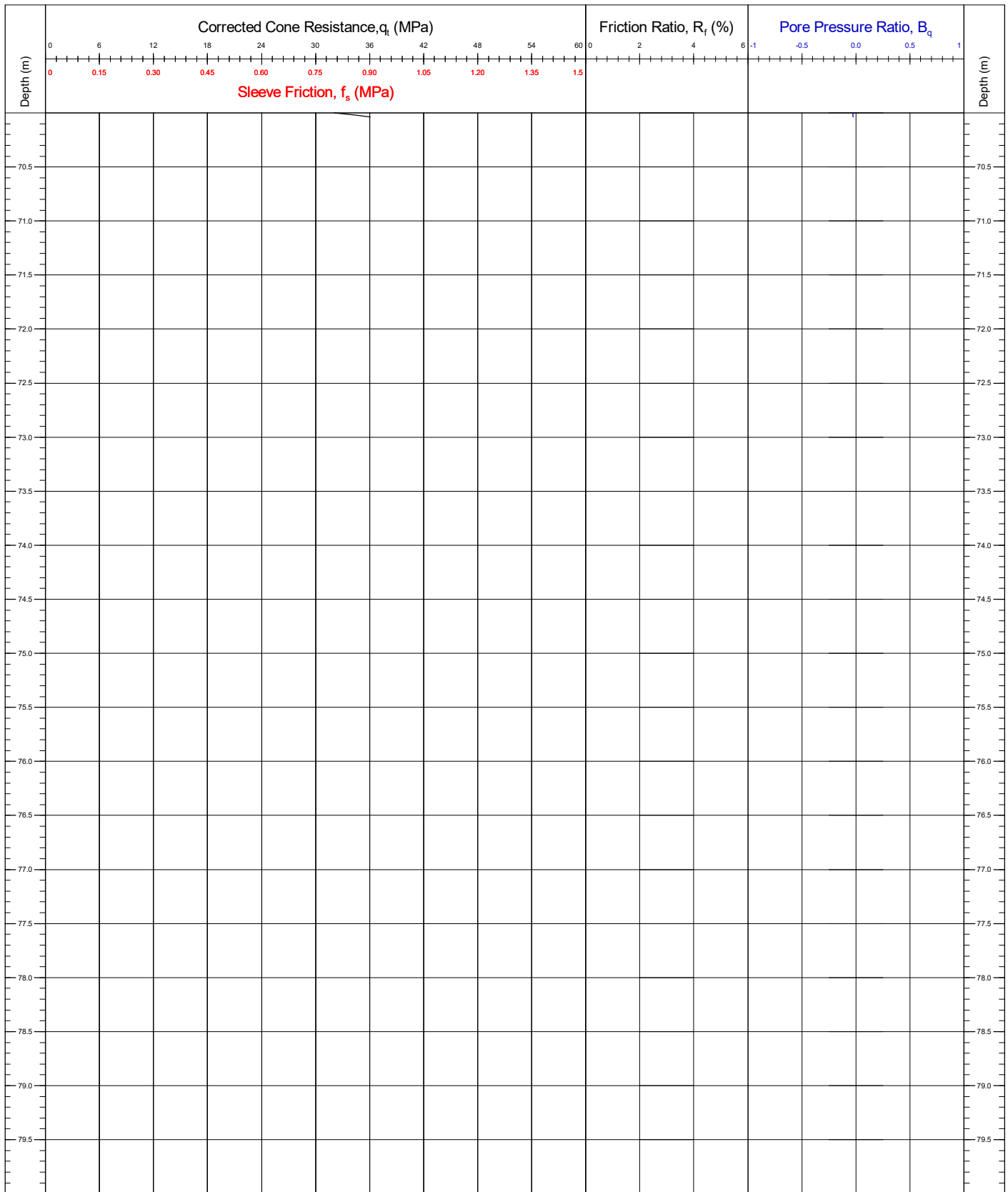


Area	Kattegat Sea	Coordinates	674181.30E 6265901.10N	CPT Number	
Contract	11596	Latitude / Longitude		OSS1-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.74	Page: 2/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	31/05/2021 to 02/06/2021	QC Status	
Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.		Cone No.(size)/α Factor	121004 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(31/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

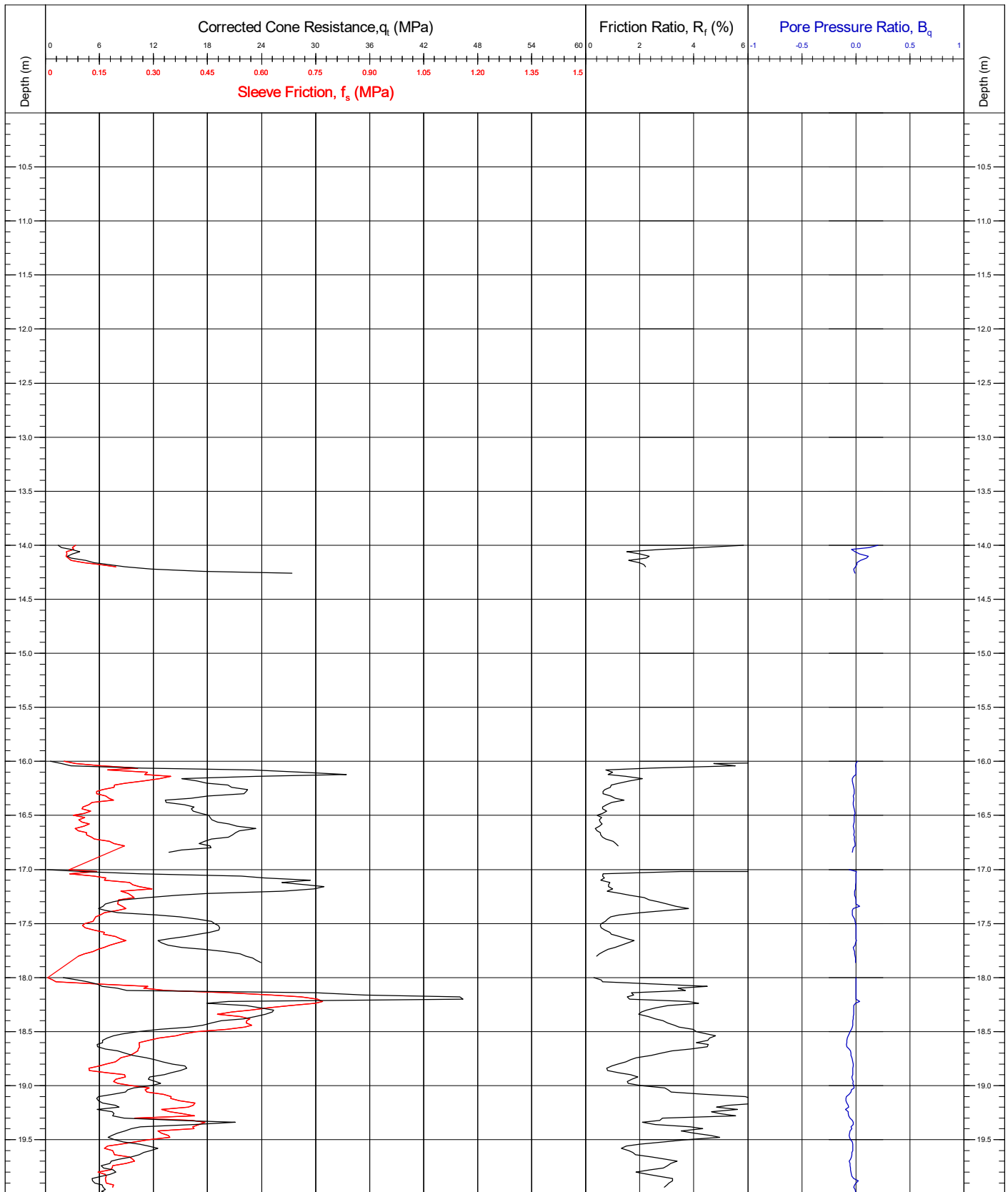


Area	Kattegat Sea	Coordinates	674181.30E 6265901.10N	CPT Number	
Contract	11596	Latitude / Longitude		OSS1-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.74	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	31/05/2021 to 02/06/2021	QC Status	
Comments: Borehole OSS1-BH was completed to a depth of 70.20m utilising API drilling- Wison CPT and push sampling methods.			Cone No.(size)/ α Factor	121004 (10cm ²) / 0.78	
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft
		CRS	ETRS89	JK/BC <small>(31/05/2021)</small>	DR <small>(10/06/2021)</small>
				Final	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

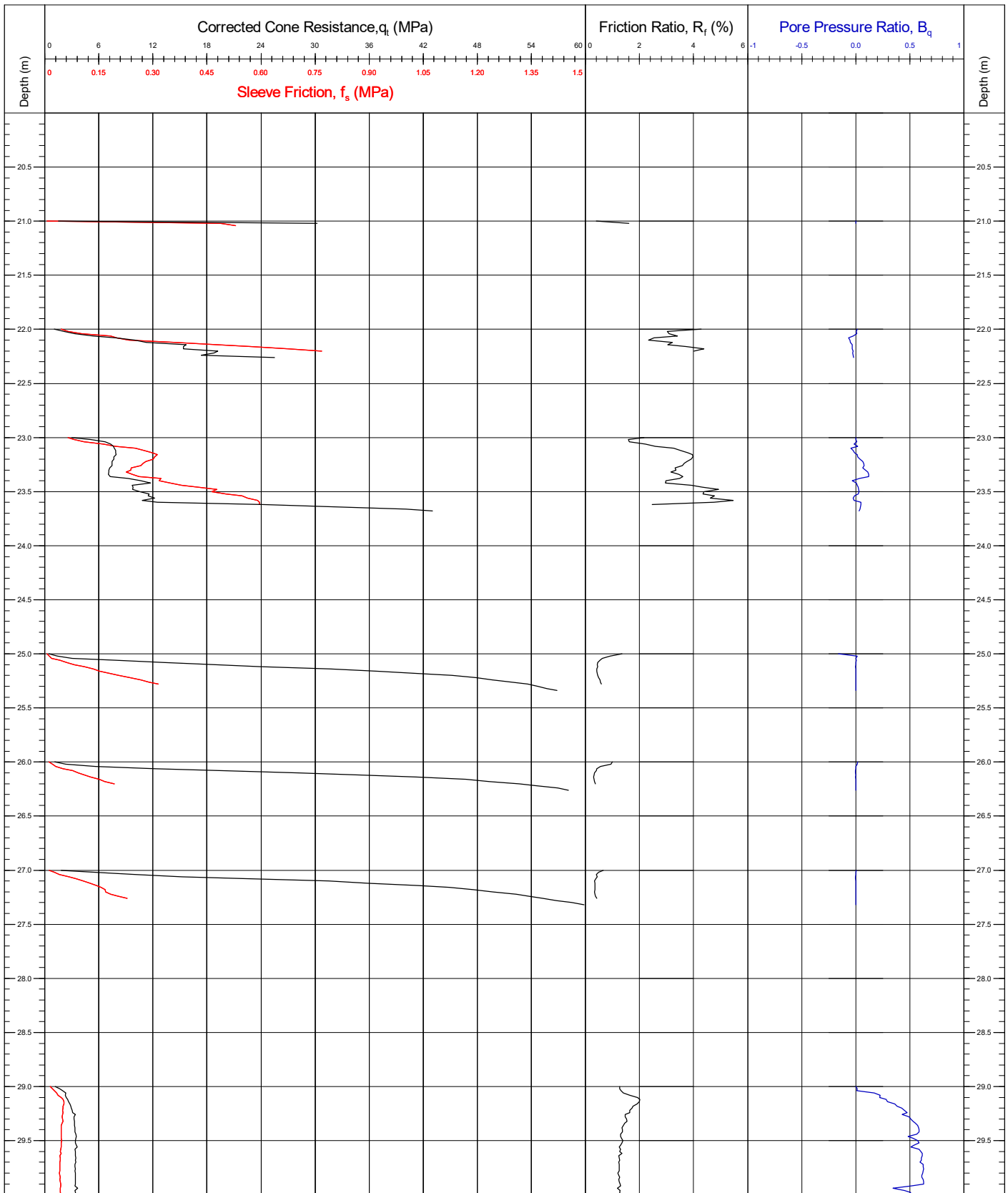


Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number		
Contract	11596	Latitude / Longitude		OSS2-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	Page: 1/6		
<small>Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.</small>		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC <small>(27/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

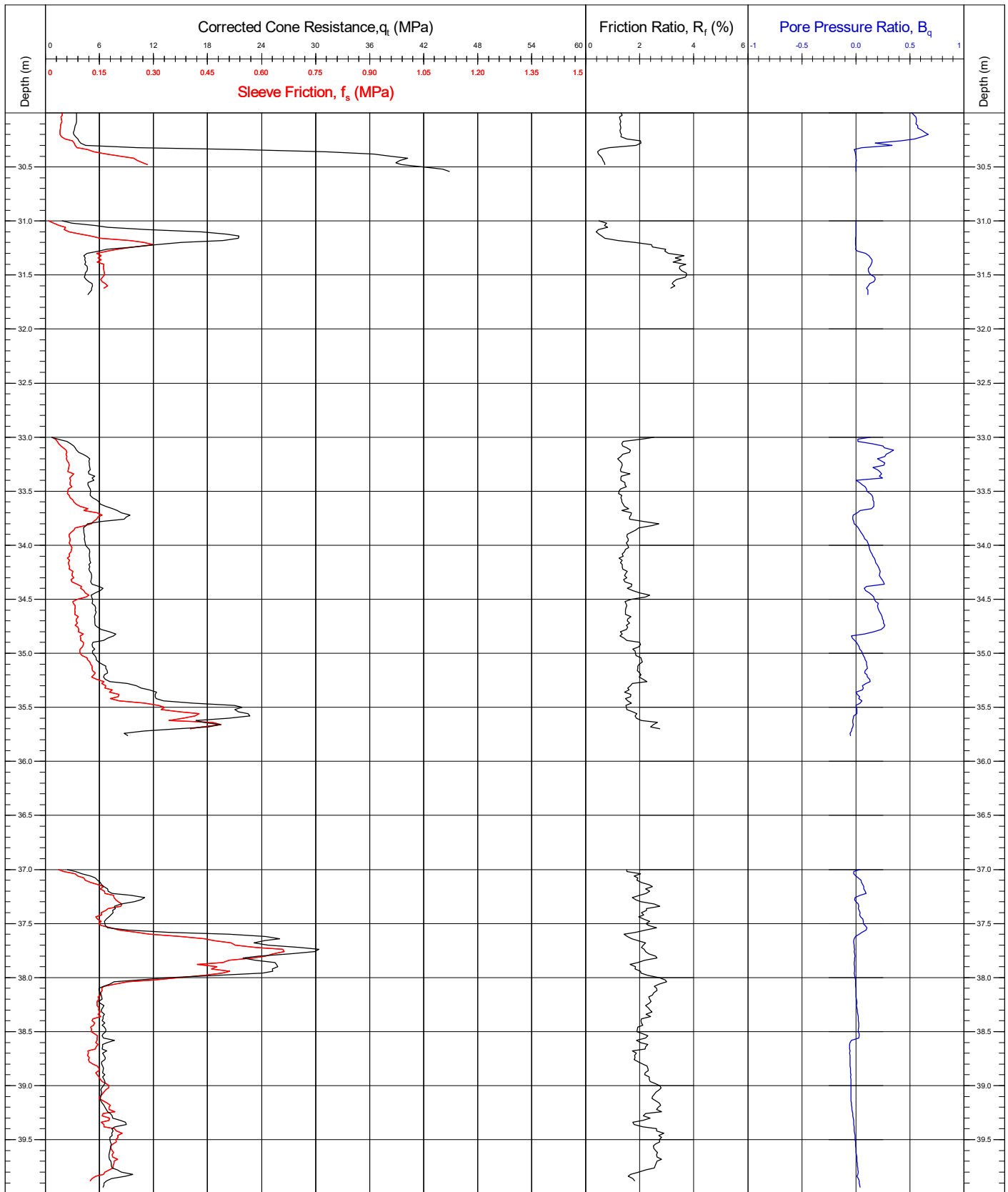


Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number	
Contract	11596	Latitude / Longitude		OSS2-BH	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96	Page: 2/6	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	QC Status	
Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(27/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

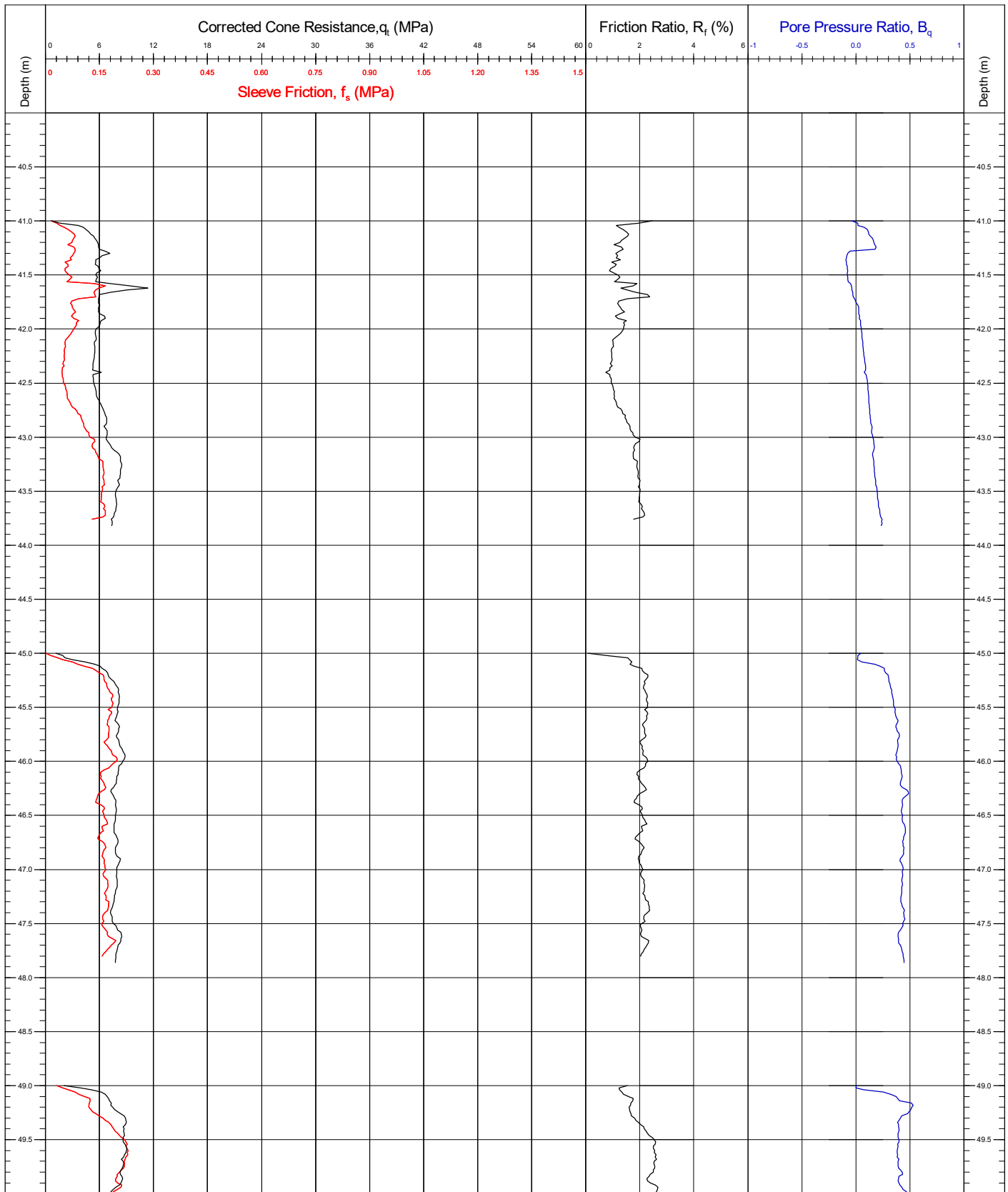


Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number		
Contract	11596	Latitude / Longitude		OSS2-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	Page: 3/6		
<small>Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.</small>		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

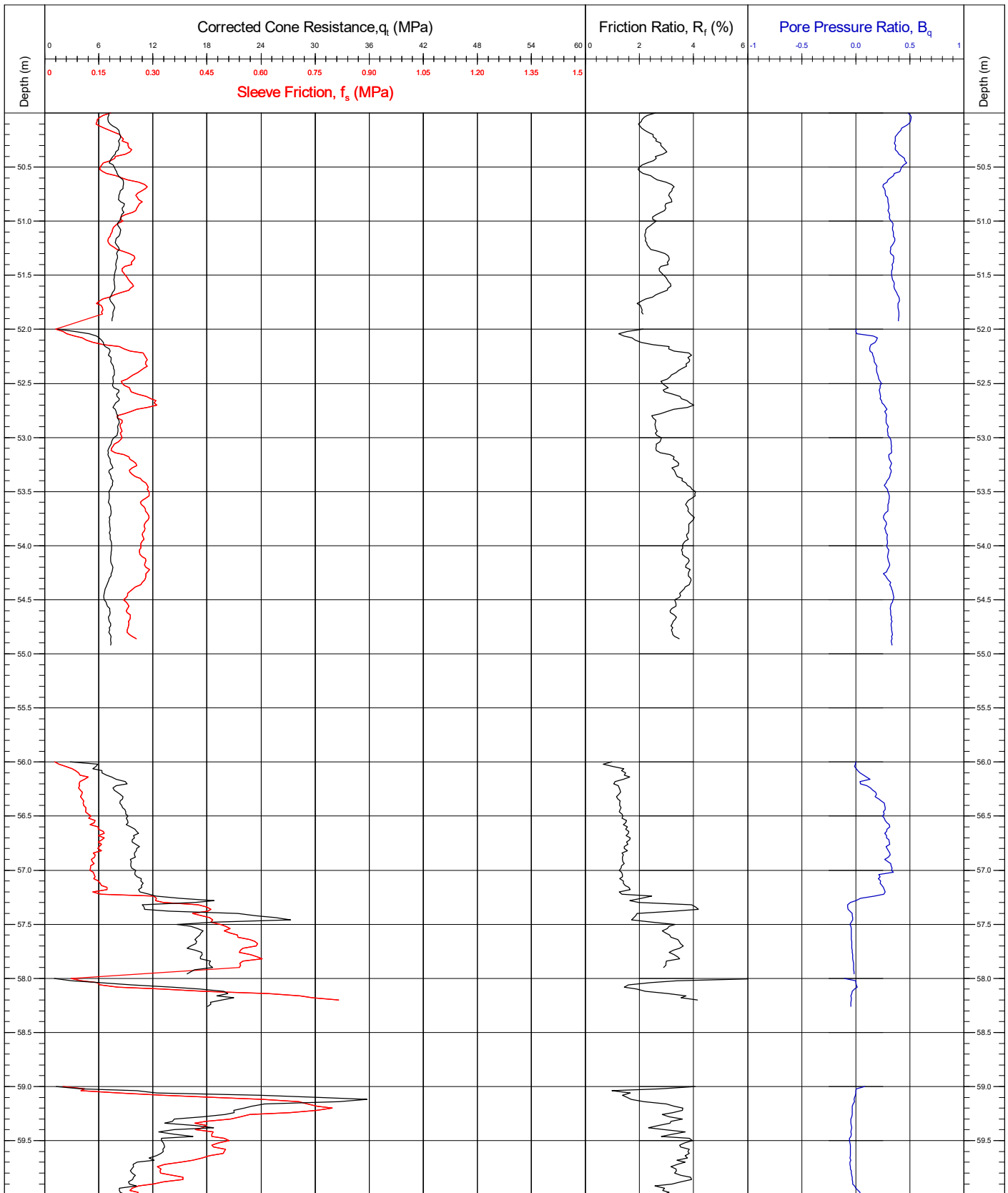


Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number		
Contract	11596	Latitude / Longitude		OSS2-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	Page: 4/6		
Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

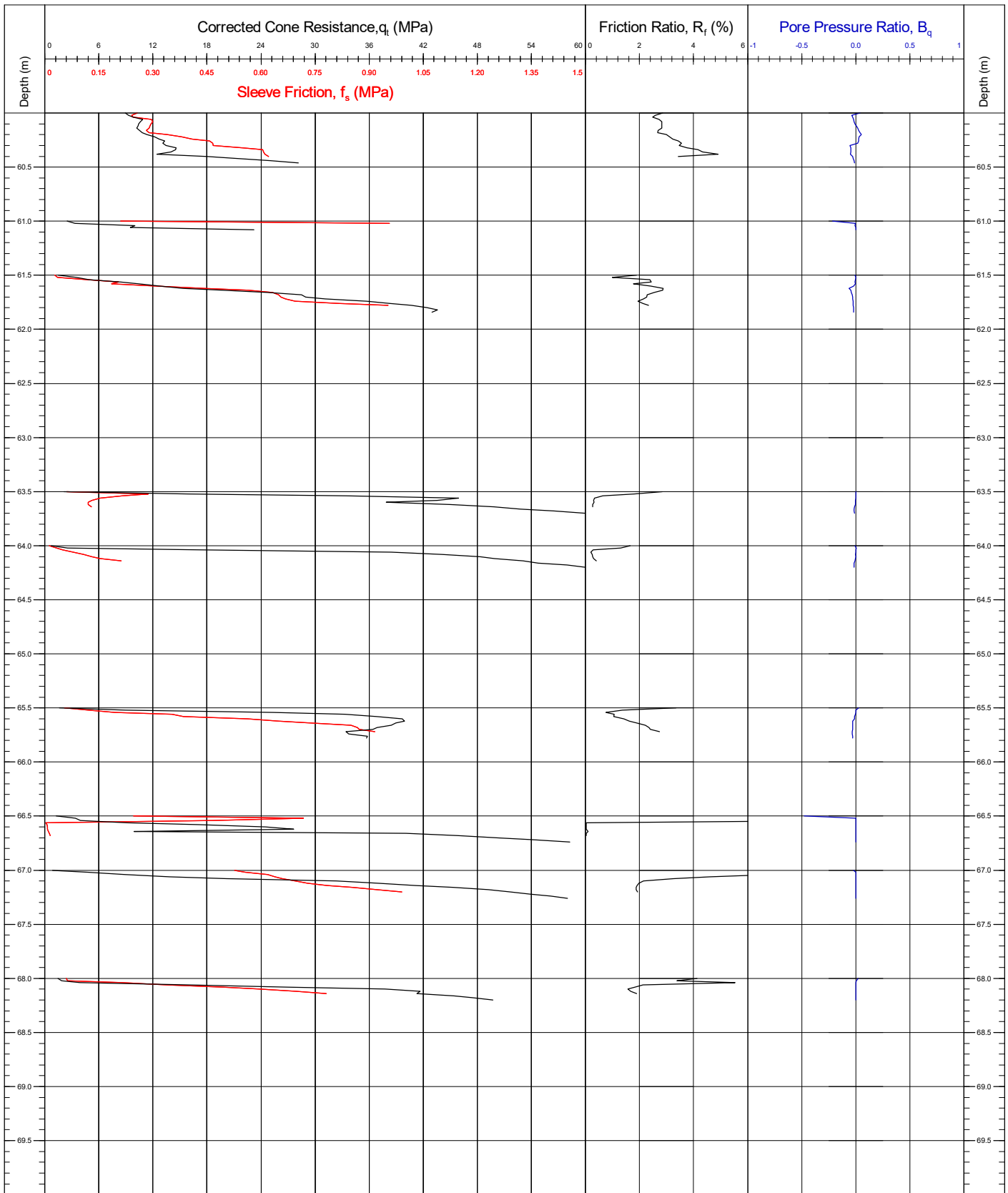


Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number		
Contract	11596	Latitude / Longitude		OSS2-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	Page: 5/6		
<small>Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wison CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.</small>		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS



Area	Kattegat Sea	Coordinates	674911.00E 6253674.20N	CPT Number		
Contract	11596	Latitude / Longitude		OSS2-BH		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	25/05/2021 to 27/05/2021	Page: 6/6		
Comments: Borehole OSS2-BH was completed to a depth of 70.08m utilising API drilling- Wilson CPT and push sampling methods. P-S logging was performed from 65m to 4m below mudline.		Cone No.(size)/ α Factor	120825 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (27/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

3.4 Seabed CPTU Reference Reading Logs



**Preliminary Investigation - Hesselø OWF
11596**

ENERGINET

CPT Name	Cone Number	Cone Size (cm ²)	Alpha Factor	Zero on Deck			Zero Before Test			Zero After Test			Zero on Deck			Ending Test Comments
				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CB3a	120910	10	0.81	0.45	0.010	- 19.2	0.68	0.010	290.7	0.00	0.000	0.0	0.00	0.000	0.0	
CB4	130909	10	0.82	- 0.05	- 0.010	11.9	0.17	- 0.011	308.7	0.20	- 0.012	301.8	- 0.02	- 0.012	18.1	
CB5	130909	10	0.82	0.06	0.004	9.8	0.23	0.005	266.9	0.05	- 0.013	260.5	- 0.12	- 0.014	13.2	
CB5a	191114	10	0.76	0.22	0.006	35.8	0.42	0.006	301.6	0.51	0.004	333.4	0.26	0.005	48.4	
CB6	130206	10	0.77	0.32	0.010	11.0	0.51	0.010	259.7	0.46	0.003	259.1	0.29	0.006	10.1	
CB6a	130206	10	0.77	0.38	0.006	10.2	0.56	0.005	265.9	0.56	0.004	269.1	0.39	0.005	9.6	
CB7	181005	10	0.73	- 0.04	0.003	28.5	0.15	0.003	290.2	0.15	0.002	287.9	- 0.04	0.003	2.9	
CB7a	181005	10	0.73	- 0.04	0.003	2.7	0.16	0.003	283.1	0.18	0.002	287.9	- 0.04	0.003	5.5	
CB8	130206	10	0.77	0.36	0.009	13.5	0.60	0.011	321.0	0.56	0.008	322.6	0.33	0.008	12.7	
CB9	130909	10	0.82	- 0.02	- 0.007	10.1	0.18	- 0.008	312.7	0.17	- 0.011	316.4	- 0.07	- 0.009	12.8	
CB10	120910	10	0.81	0.40	0.007	- 22.7	0.67	0.008	316.7	0.65	0.007	318.3	0.39	0.007	- 18.1	
CB11	120829	10	0.80	0.22	0.008	25.0	0.48	0.009	325.5	0.31	0.008	321.7	0.07	0.008	17.3	
CB12	130909	10	0.82	- 0.03	- 0.007	7.8	0.17	- 0.009	308.1	0.18	- 0.012	311.0	- 0.05	- 0.010	16.6	
CB13	181004	10	0.81	0.03	0.001	33.0	0.16	0.002	315.2	0.18	- 0.002	320.5	0.00	- 0.001	33.4	
CB14	100976	10	0.78	- 0.05	0.001	27.6	0.16	0.004	333.7	- 0.30	0.254	320.5	- 0.44	0.252	19.6	
CPT3	130206	10	0.77	0.32	0.009	9.8	0.55	0.009	318.0	0.47	0.008	315.4	0.27	0.008	12.6	
CPT3a	181007	10	0.72	- 0.11	0.001	74.0	0.06	0.002	376.0	- 0.01	0.011	360.9	- 0.18	0.010	30.4	

CPTU CONE OFFSETS



**Preliminary Investigation - Hesselø OWF
11596**

ENERGINET

CPT Name	Cone Number	Cone Size (cm ²)	Alpha Factor	Zero on Deck			Zero Before Test			Zero After Test			Zero on Deck			Ending Test Comments
				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CPT3b	181007	10	0.72	- 0.11	0.001	74.0	0.00	0.012	366.9	0.00	0.011	327.1	- 0.18	0.010	30.4	
CPT4	061040	10	0.76	0.27	0.002	11.3	0.52	0.003	324.5	0.40	- 0.180	333.6	0.16	- 0.179	22.0	
CPT6	191114	10	0.76	0.27	0.004	37.4	0.47	0.005	289.1	0.41	0.004	281.5	0.22	0.005	35.8	
CPT6a	120829	10	0.80	0.26	0.009	8.2	0.47	0.009	260.2	0.71	0.007	256.6	0.52	0.008	9.6	
CPT7	191114	10	0.76	0.25	0.072	38.1	0.48	0.005	310.0	0.48	0.003	298.5	0.27	0.067	36.4	
CPT8	081208	10	0.78	0.11	0.001	4.8	0.35	0.003	291.3	0.33	0.001	269.6	0.10	0.002	0.0	
CPT9	130206	10	0.77	0.37	0.008	11.7	0.65	0.009	331.3	0.54	0.006	325.4	0.29	0.006	11.4	
CPT10	100976	10	0.78	- 0.02	0.002	20.4	0.24	0.003	333.6	0.15	0.001	331.4	- 0.07	0.011	25.2	
CPT11	181004	10	0.81	- 0.07	0.002	42.5	0.11	0.003	320.4	0.12	0.000	312.9	- 0.06	0.002	43.6	
CPT11a	181004	10	0.81	- 0.05	0.001	42.3	0.13	0.001	319.8	0.19	- 0.003	271.6	0.00	0.000	24.8	
CPT12	181005	10	0.73	0.02	0.003	4.5	0.14	0.003	255.8	0.13	0.002	246.9	- 0.03	0.002	3.1	
CPT13	181009	10	0.86	0.08	0.000	- 66.7	0.28	0.001	241.4	0.29	- 0.004	153.8	0.10	- 0.004	- 131.8	
CPT14	130206	10	0.77	0.38	0.009	13.0	0.66	0.009	338.5	0.63	0.007	340.8	0.36	0.009	12.4	
CPT15	120910	10	0.81	0.49	0.011	- 18.4	0.68	0.013	255.5	0.65	0.009	249.8	0.45	0.009	- 16.7	
CPT16	181004	10	0.81	- 0.02	0.000	35.7	0.17	- 0.001	308.6	0.23	- 0.002	303.9	0.05	- 0.001	22.0	
CPT16a	130206	10	0.77	0.47	0.009	10.9	0.71	0.010	298.4	0.67	0.007	293.9	0.44	0.008	10.0	
CPT18	061040	10	0.76	0.34	0.002	11.6	0.60	0.002	341.9	0.31	0.001	336.9	0.31	0.001	8.9	

CPTU CONE OFFSETS



**Preliminary Investigation - Hesselø OWF
11596**

ENERGINET

CPT Name	Cone Number	Cone Size (cm ²)	Alpha Factor	Zero on Deck			Zero Before Test			Zero After Test			Zero on Deck			Ending Test Comments
				q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	q _c (MPa)	f _s (MPa)	U ₂ (kPa)	
CPT20	120829	10	0.80	0.24	0.009	15.4	0.50	0.011	326.7	0.50	0.007	324.8	0.29	0.007	11.0	
CPT22	181004	10	0.81	0.03	0.000	24.8	0.19	0.001	323.1	0.27	- 0.004	312.9	0.05	- 0.002	27.5	
CPT23	191114	10	0.76	0.37	0.009	9.9	0.62	0.009	314.9	0.61	0.091	308.8	0.38	0.120	12.0	
CPT25	081208	10	0.78	0.17	0.005	- 8.4	0.42	0.005	290.4	- 0.22	0.970	303.2	- 0.42	0.092	- 1.9	
CPT25a	120829	10	0.80	0.40	0.008	6.7	0.65	0.009	305.7	0.50	0.008	315.2	0.25	0.008	6.9	
CPT25b	130206	10	0.77	0.45	0.007	35.3	0.68	0.007	318.4	0.73	0.004	333.8	0.49	0.004	11.0	
CPT26	191114	10	0.76	0.41	0.008	54.3	0.63	0.009	350.5	0.68	0.007	355.6	0.41	0.007	58.1	
OSS 1	100415	10	0.80	0.24	0.007	8.3	0.51	0.009	325.8	0.00	0.000	0.0	0.00	0.000	0.0	
OSS 1a	120910	10	0.81	0.39	0.008	- 20.3	0.65	0.008	300.4	0.64	0.007	318.6	0.40	0.007	- 20.7	
OSS 2	081208	10	0.78	0.11	0.003	4.4	0.34	0.004	283.1	0.35	0.001	280.5	0.11	0.001	4.5	
SCPT1	130104	10	0.77	0.10	0.000	9.2	0.35	0.003	311.0	0.35	- 0.001	319.9	0.09	- 0.001	10.1	
SCPT1a	130206	10	0.77	0.38	0.007	6.3	0.62	0.007	311.0	0.67	0.006	296.7	0.44	0.006	7.2	
SCPT2	130909	10	0.82	0.03	- 0.007	6.3	0.21	- 0.007	286.4	0.28	- 0.011	283.9	0.05	- 0.008	10.7	
SCPT5	191114	10	0.76	0.39	0.010	25.6	0.57	0.011	280.5	0.59	0.008	278.0	0.41	0.008	24.8	
SCPT17	081208	10	0.78	0.56	0.096	7.0	0.81	0.097	307.6	0.46	0.094	304.8	0.57	0.093	3.2	
SCPT19	130909	10	0.82	- 0.01	- 0.007	10.4	0.20	- 0.006	308.3	0.22	- 0.011	303.6	- 0.02	- 0.008	9.6	
SCPT21	120829	10	0.80	0.32	0.009	12.6	0.56	0.010	300.0	0.60	0.008	328.3	0.34	0.008	6.5	

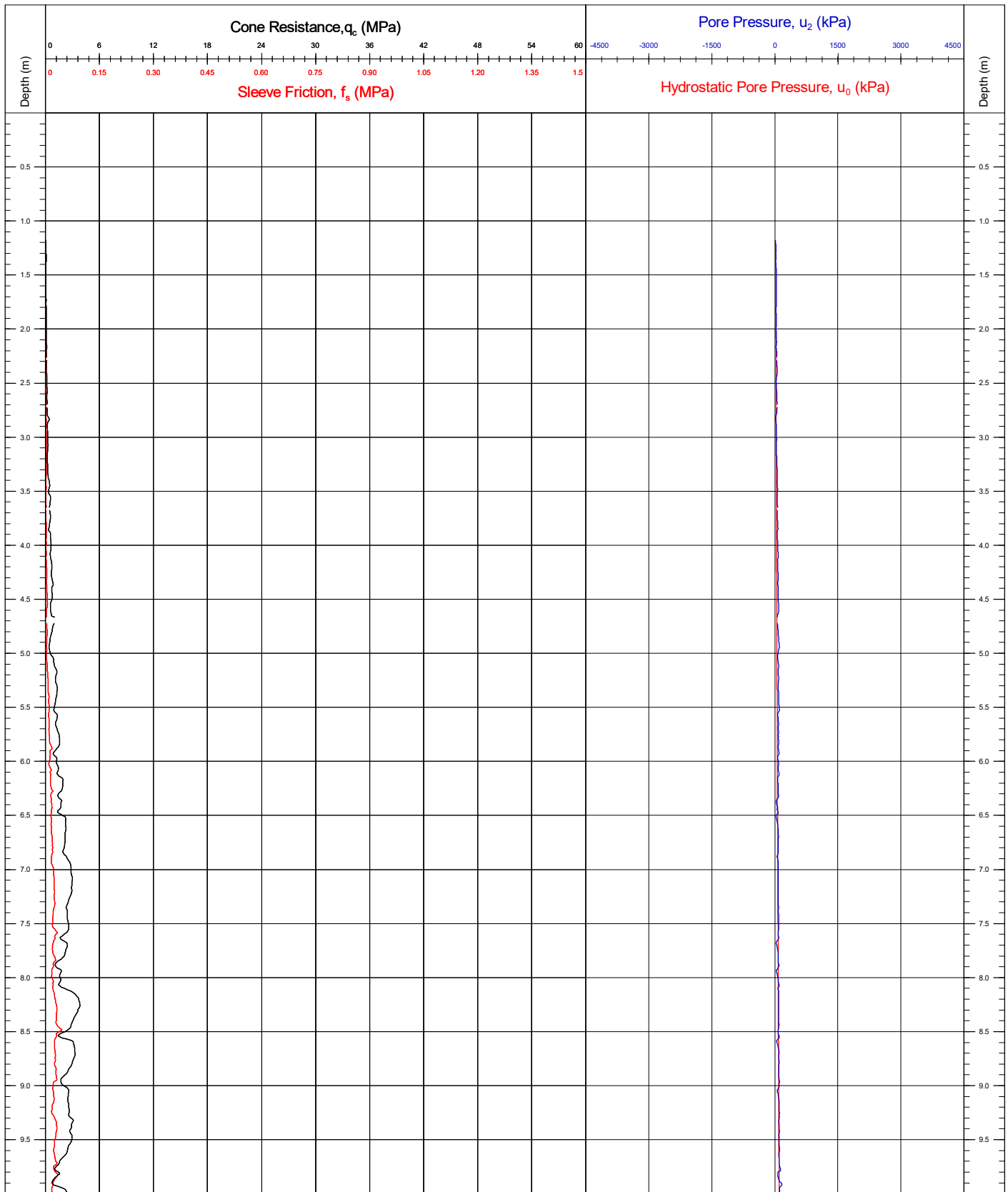
CPTU CONE OFFSETS

3.5 Seabed CPTU Measured Logs



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

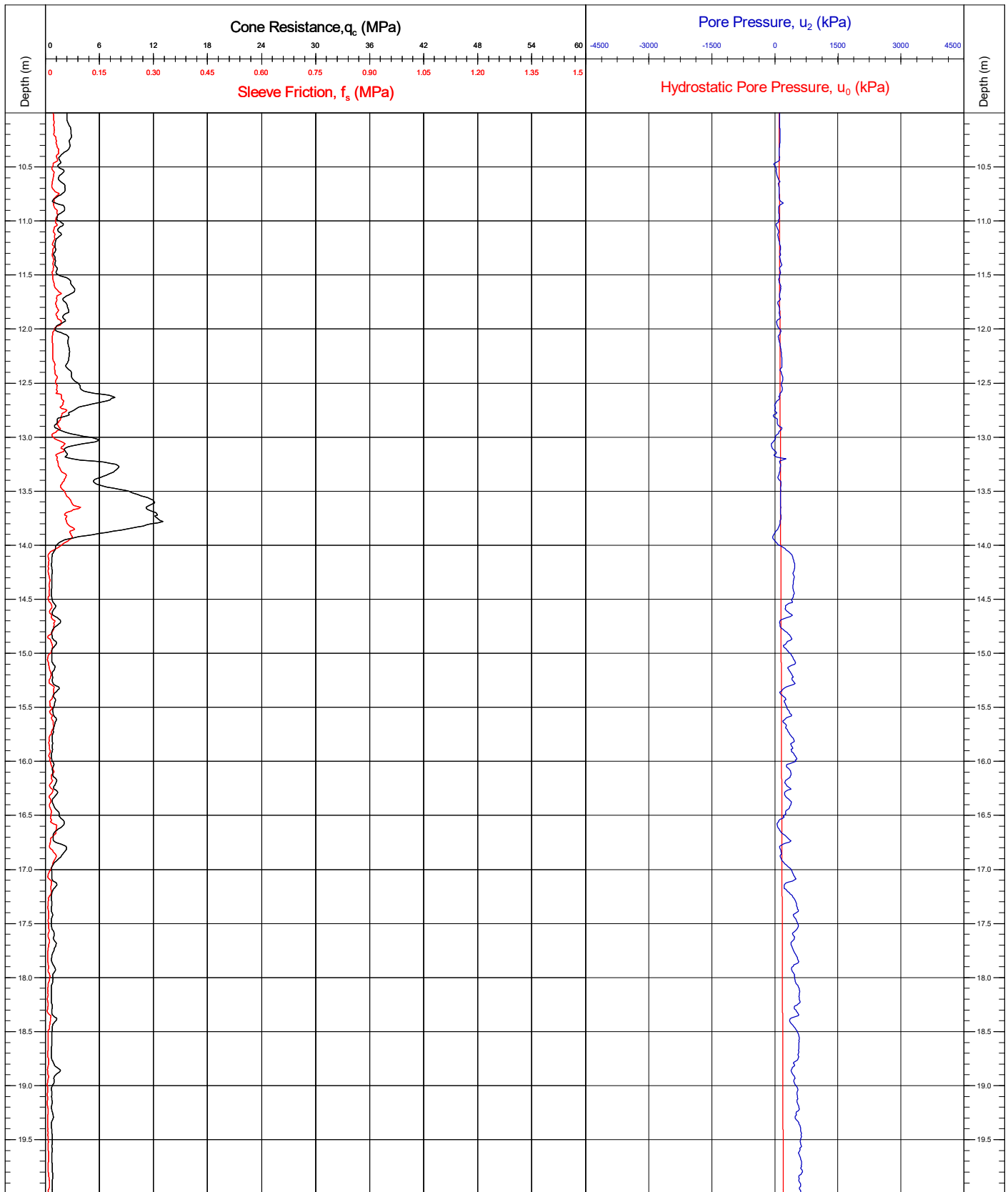


Area	Kattegat Sea	Coordinates	673294.00E 6269807.20N	CPT Number CB3a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84	Page: 1/6		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC (01/05/2021)	Draft DR (25/06/2021)	Final SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

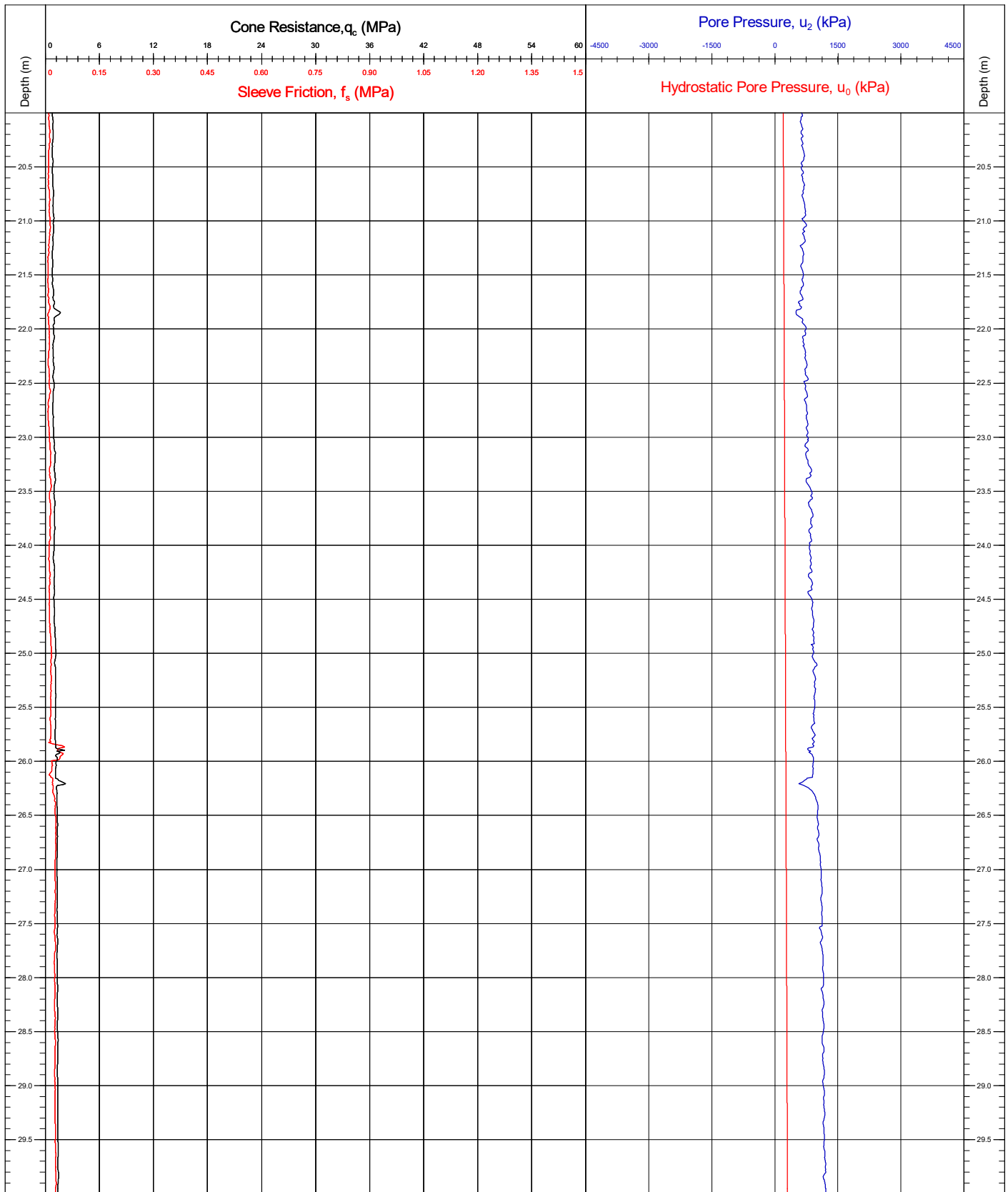


Area	Kattegat Sea	Coordinates	673294.00E 6269807.20N	CPT Number CB3a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84	Page: 2/6		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (01/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

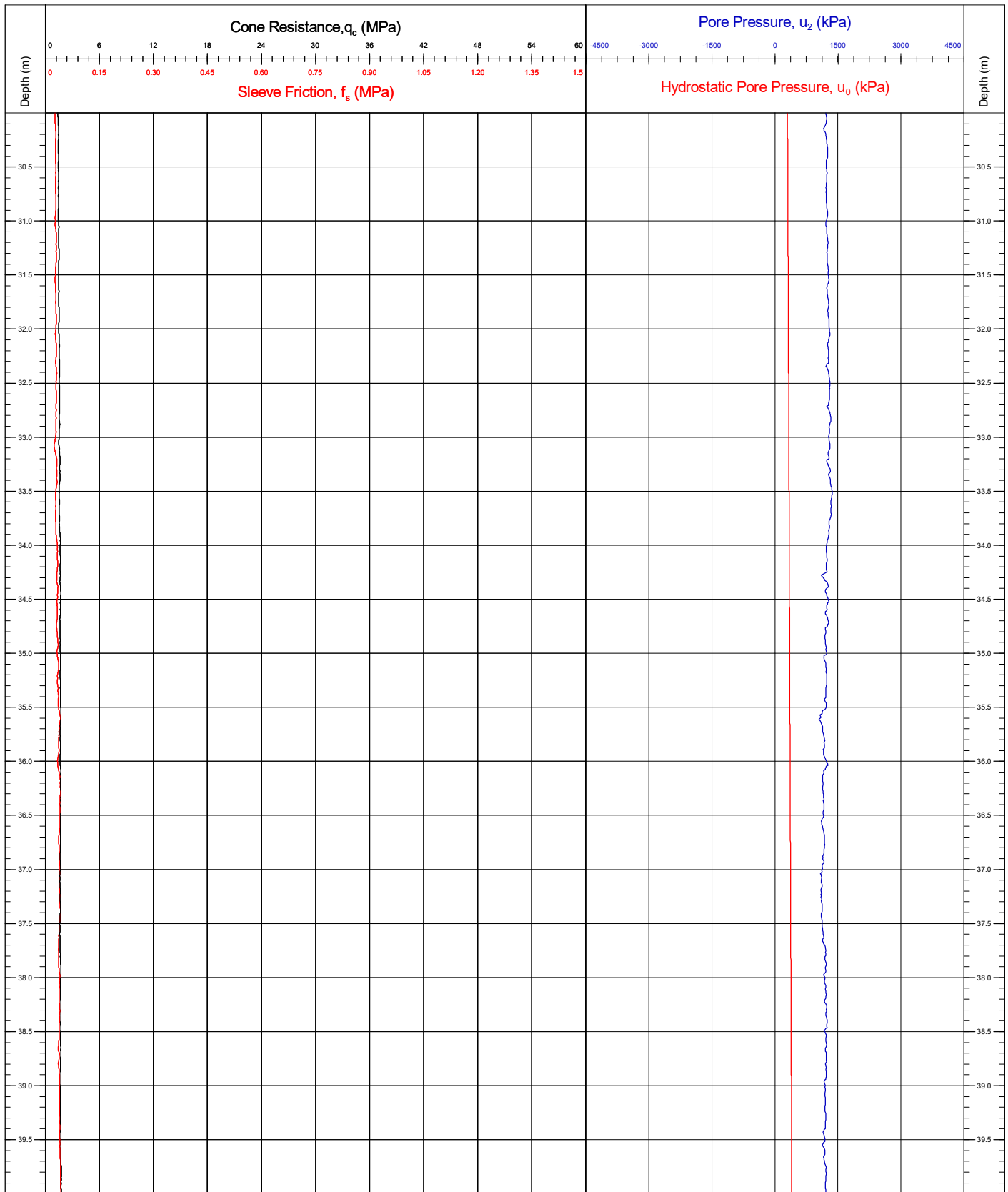


Area	Kattegat Sea	Coordinates	673294.00E	6269807.20N	CPT Number
Contract	11596	Latitude / Longitude			CB3a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84		Page: 3/6
Vessel	MV Ocean Vantage	Date of Test	01/05/2021		QC Status
<small>Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods</small>		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
					JK/BC (01/05/2021)
					DR (25/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

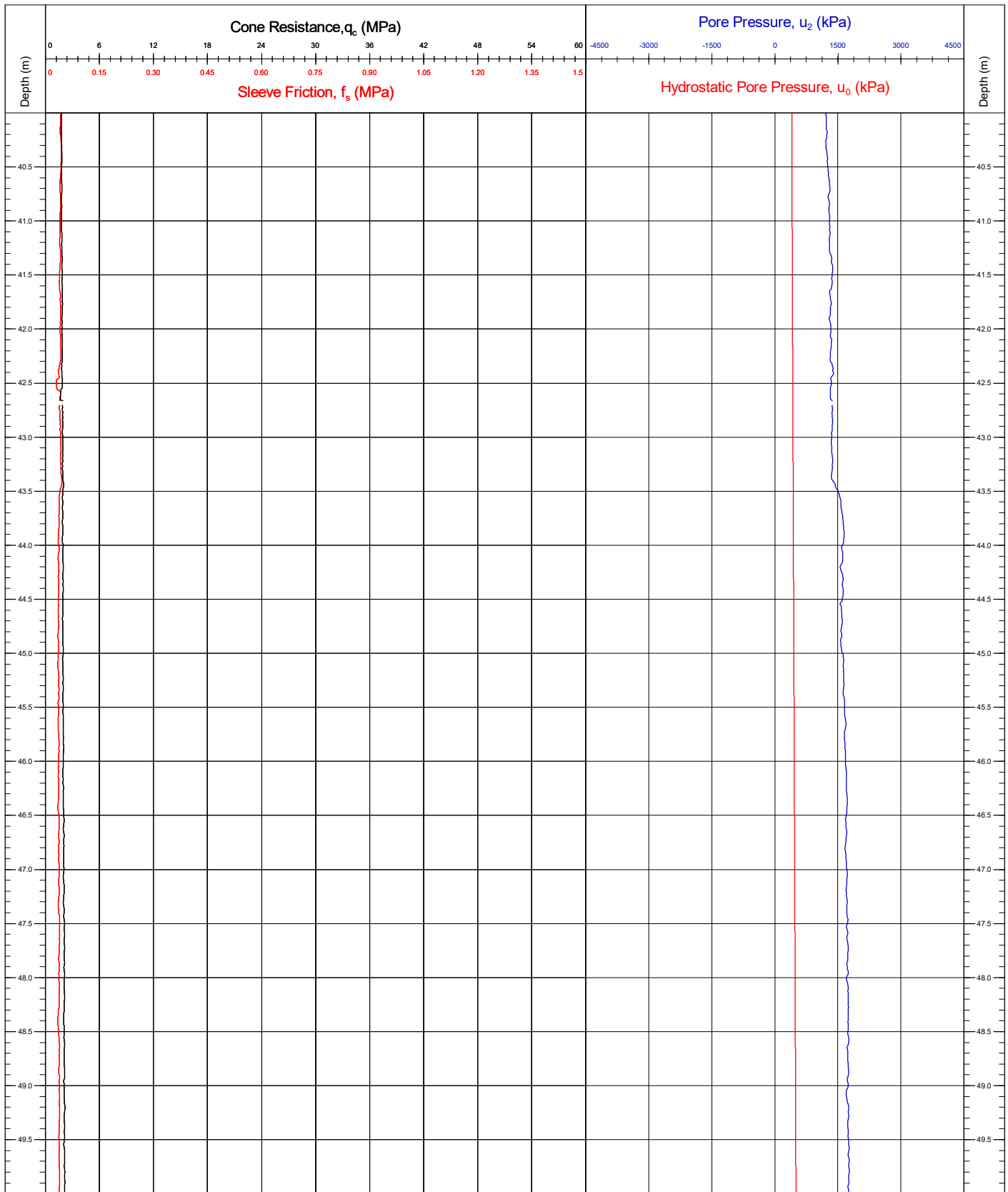


Area	Kattegat Sea	Coordinates	673294.00E 6269807.20N	CPT Number			
Contract	11596	Latitude / Longitude		CB3a			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84				
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 4/6			
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods				QC Status			
				Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81		
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary	Draft	Final
CRS		ETRS89			JK/BC (01/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

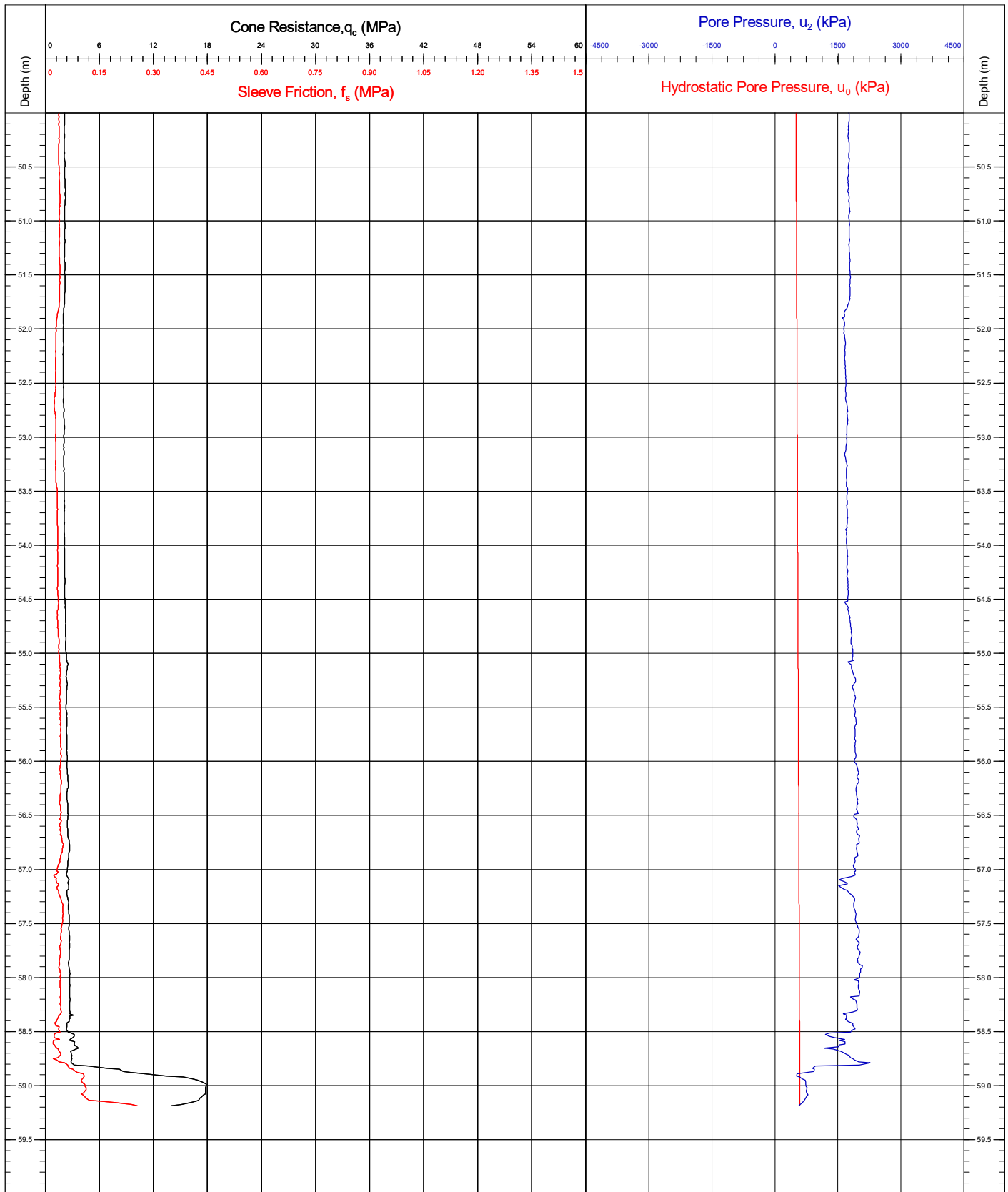


Area	Kattegat Sea	Coordinates	673294.00E 6269807.20N	CPT Number CB3a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84	Page: 5/6		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
<small>Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods</small>		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (01/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

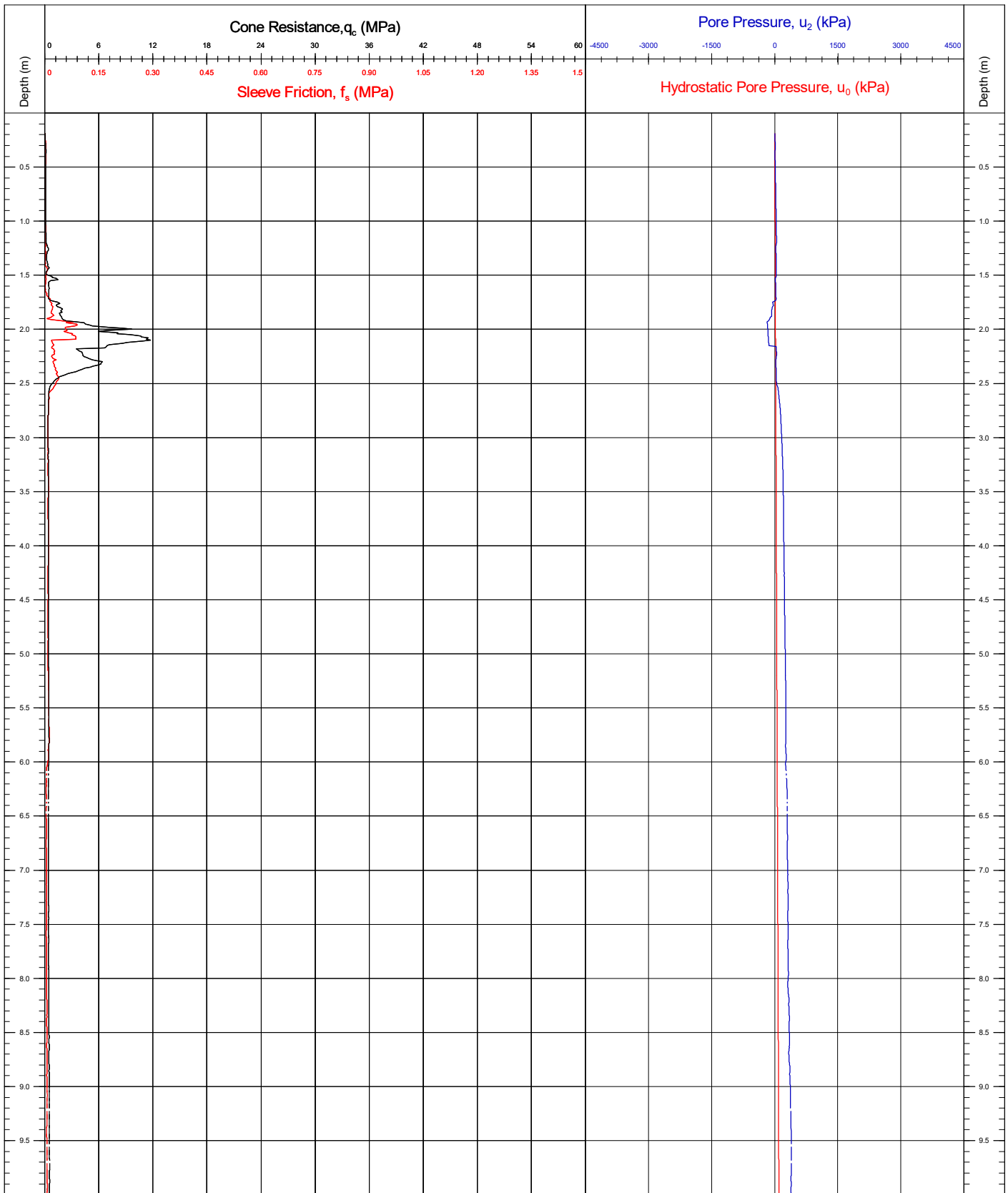


Area	Kattegat Sea	Coordinates	673294.00E	6269807.20N	CPT Number
Contract	11596	Latitude / Longitude			CB3a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84		Page: 6/6
Vessel	MV Ocean Vantage	Date of Test	01/05/2021		QC Status
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
			JK/BC (01/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

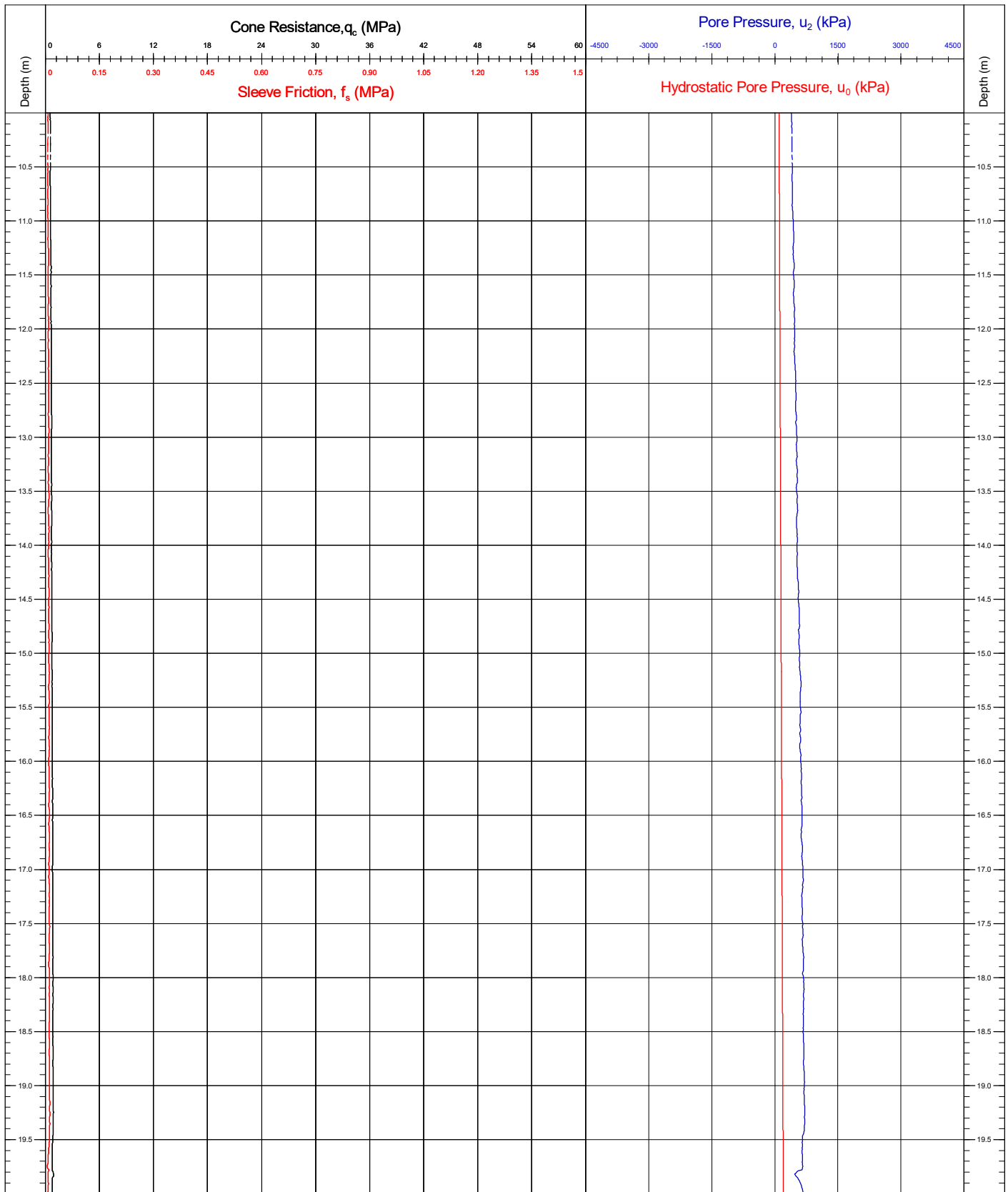


Area	Kattegat Sea	Coordinates	675775.70E 6272685.70N	CPT Number			
Contract	11596	Latitude / Longitude		CB4			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.94				
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 1/4			
Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material				QC Status			
				Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82		
		Base Inclination	X = 1.1° / Y = 0.9°		Preliminary	Draft	Final
CRS		ETRS89			JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

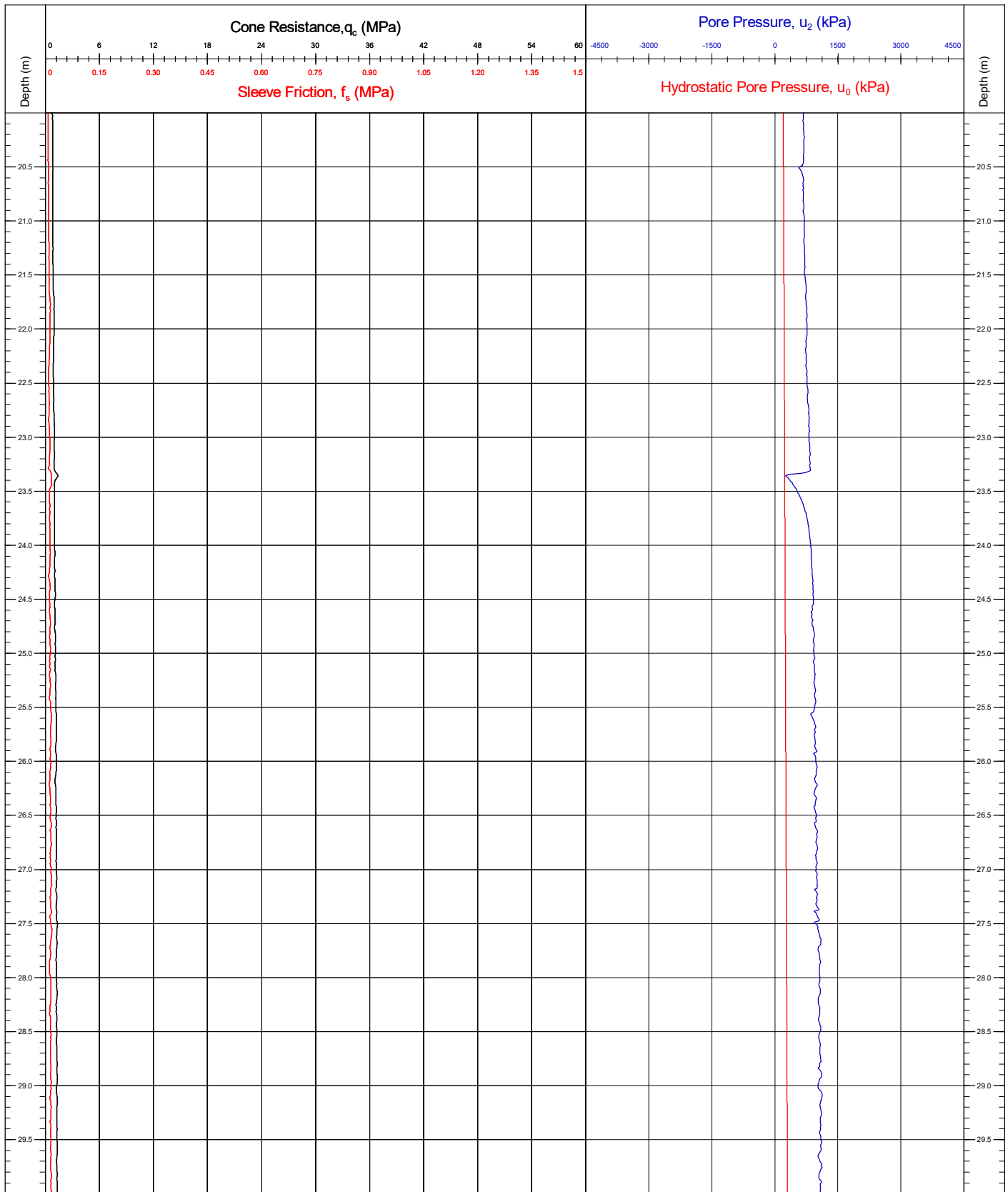


Area	Kattegat Sea	Coordinates	675775.70E 6272685.70N	CPT Number	
Contract	11596	Latitude / Longitude		CB4	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.94	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

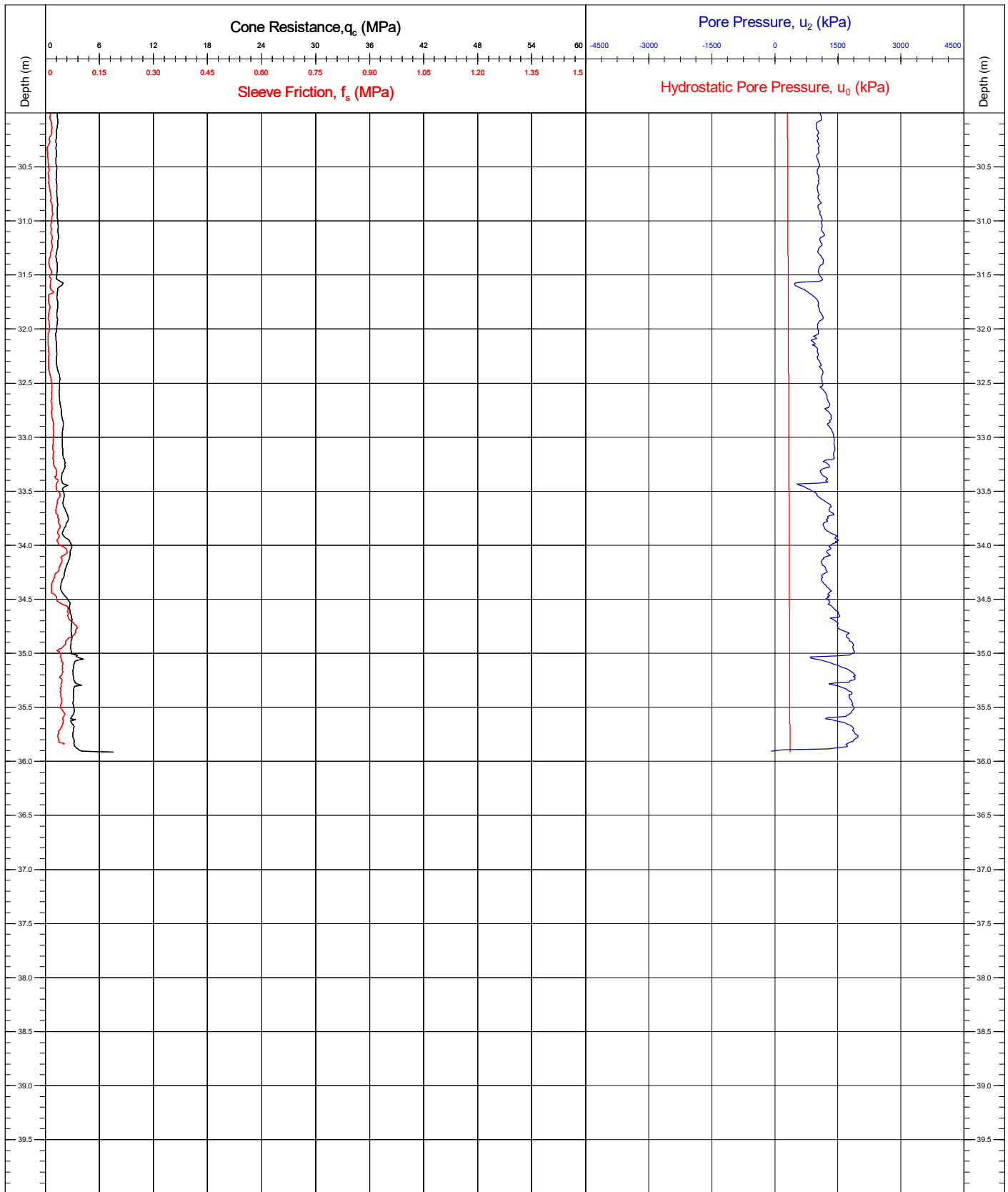


Area	Kattegat Sea	Coordinates	675775.70E 6272685.70N	CPT Number		
Contract	11596	Latitude / Longitude		CB4		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.94			
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 3/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material</small>				QC Status		
				Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	
				Base Inclination		
				X = 1.1° / Y = 0.9°		
CRS ETRS89				JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

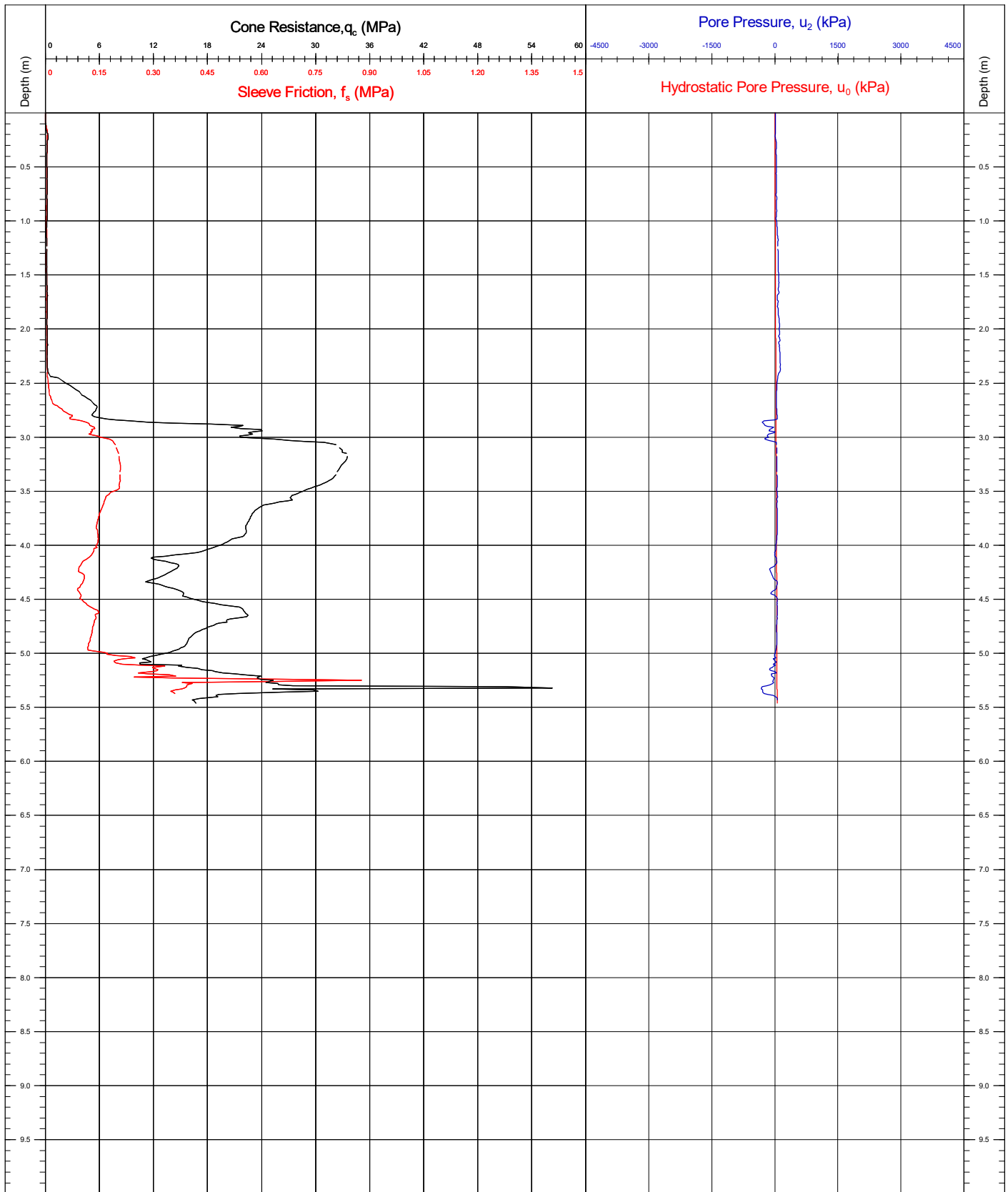


Area	Kattegat Sea	Coordinates	675775.70E 6272685.70N	CPT Number	
Contract	11596	Latitude / Longitude		CB4	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.94	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	

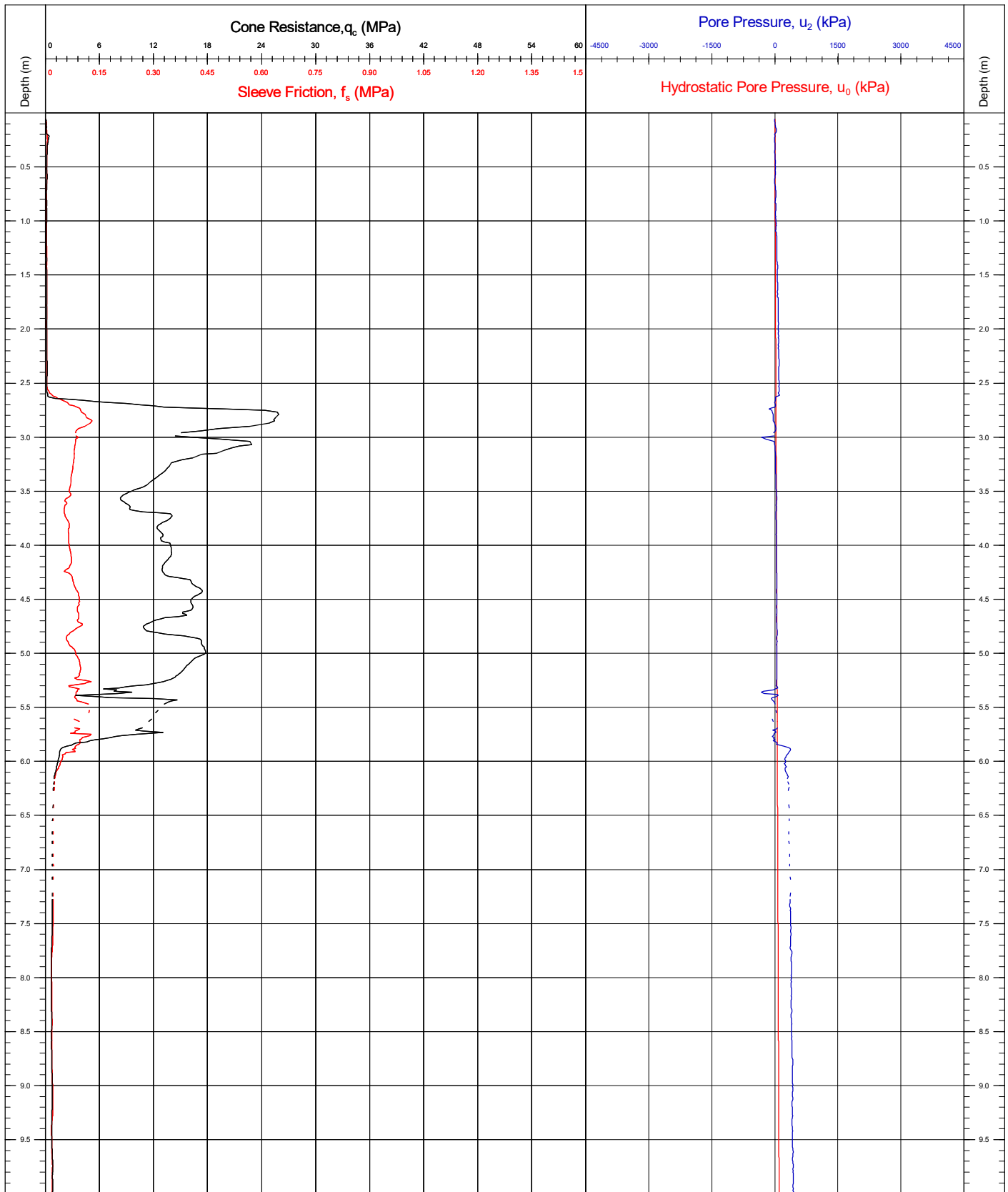


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	671118.20E 6254697.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB5		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.39			
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	Page: 1/1		
Comments: Cone class 3. Continuous seabed CPT. Final depth 5.46m. Test terminated at operators discretion due to high increase in sleeve friction and sudden increase in tip resistance- poor lateral rod support in first 2m		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	QC Status		
		Base Inclination	X = 1.0° / Y = 1.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)

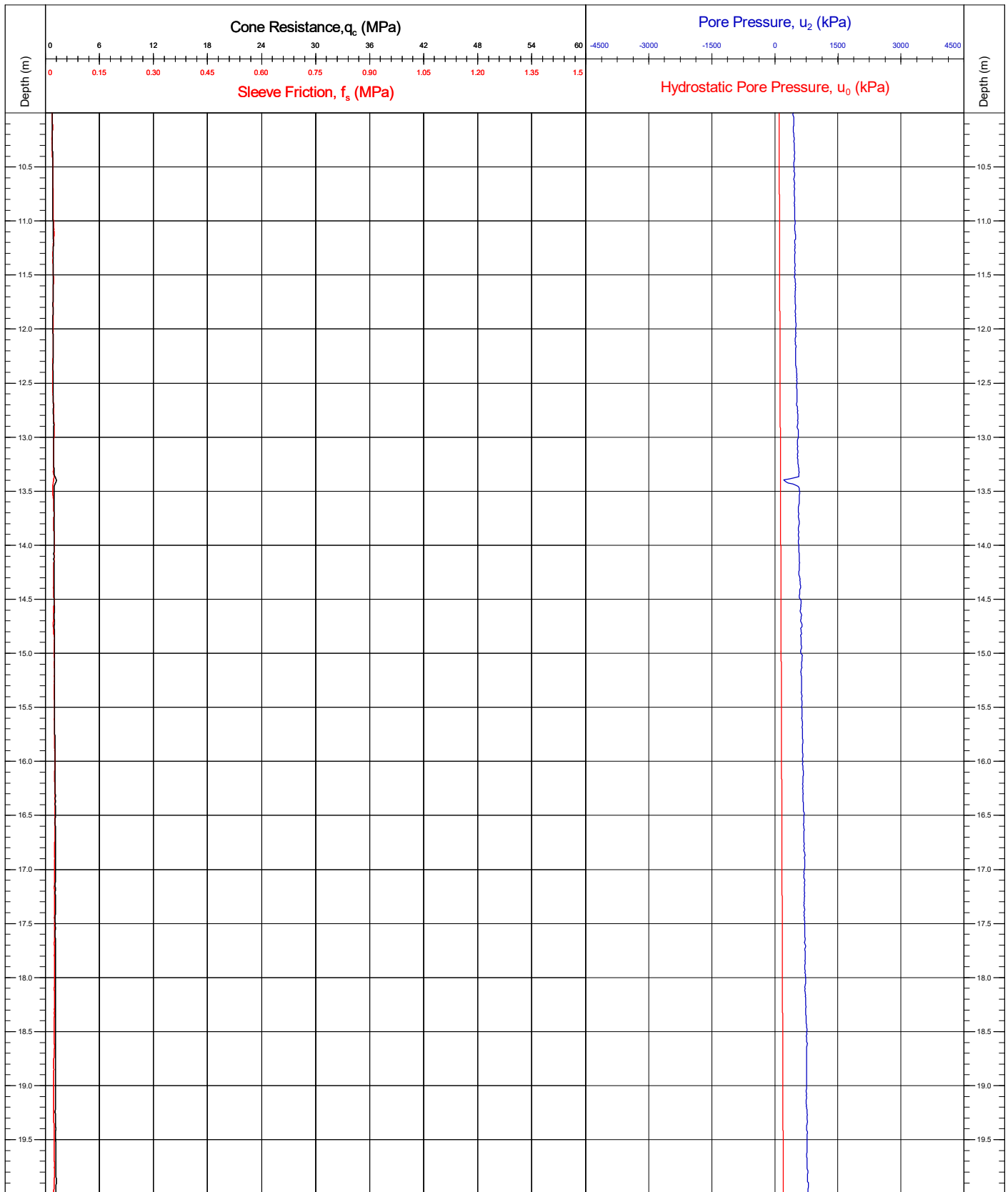


Area	Kattegat Sea	Coordinates	671118.60E 6254692.20N	CPT Number	
Contract	11596	Latitude / Longitude		CB5a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.38	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.5° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(28/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

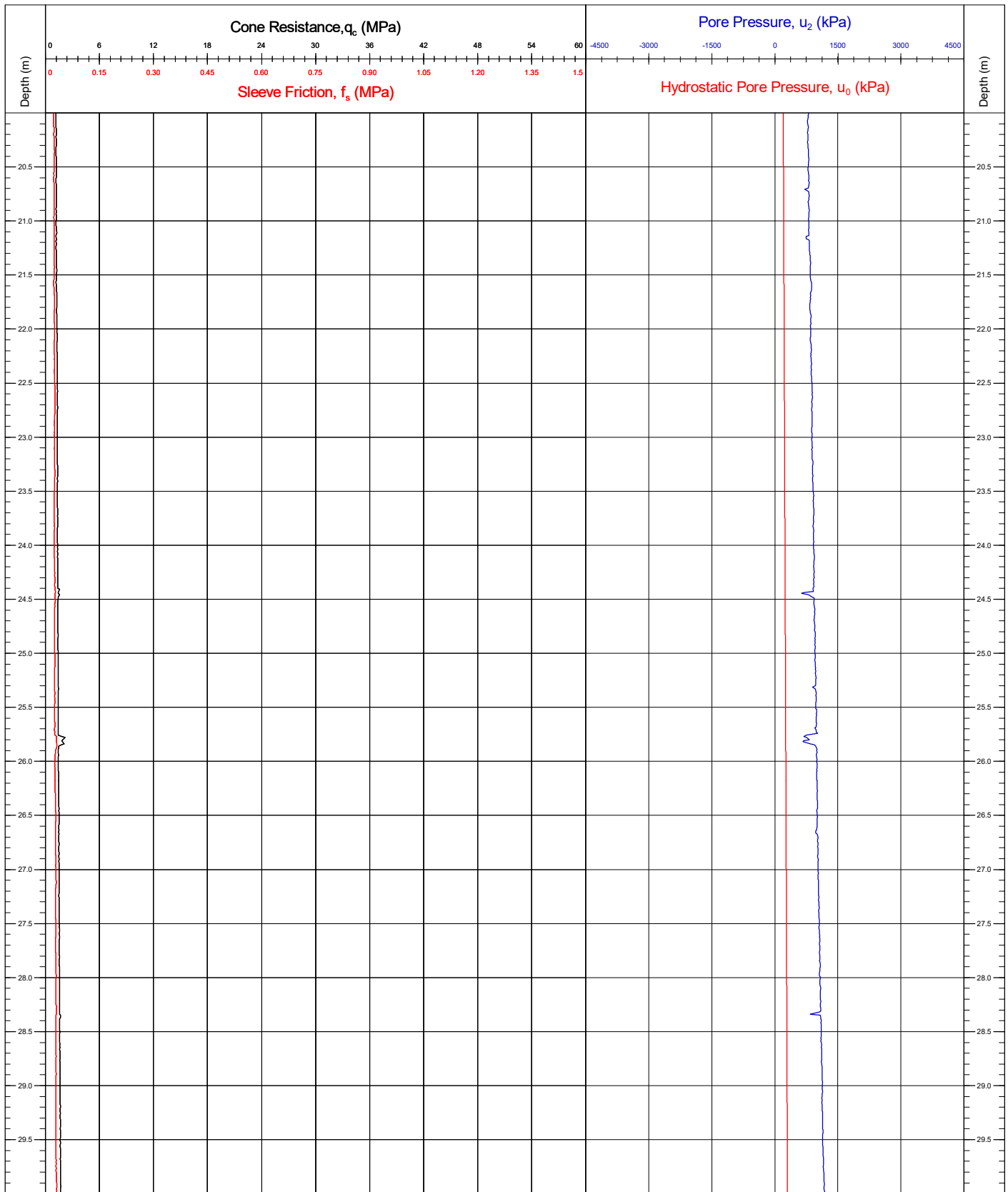


Area	Kattegat Sea	Coordinates	671118.60E 6254692.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB5a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.38			
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	Page: 2/4		
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.5° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)

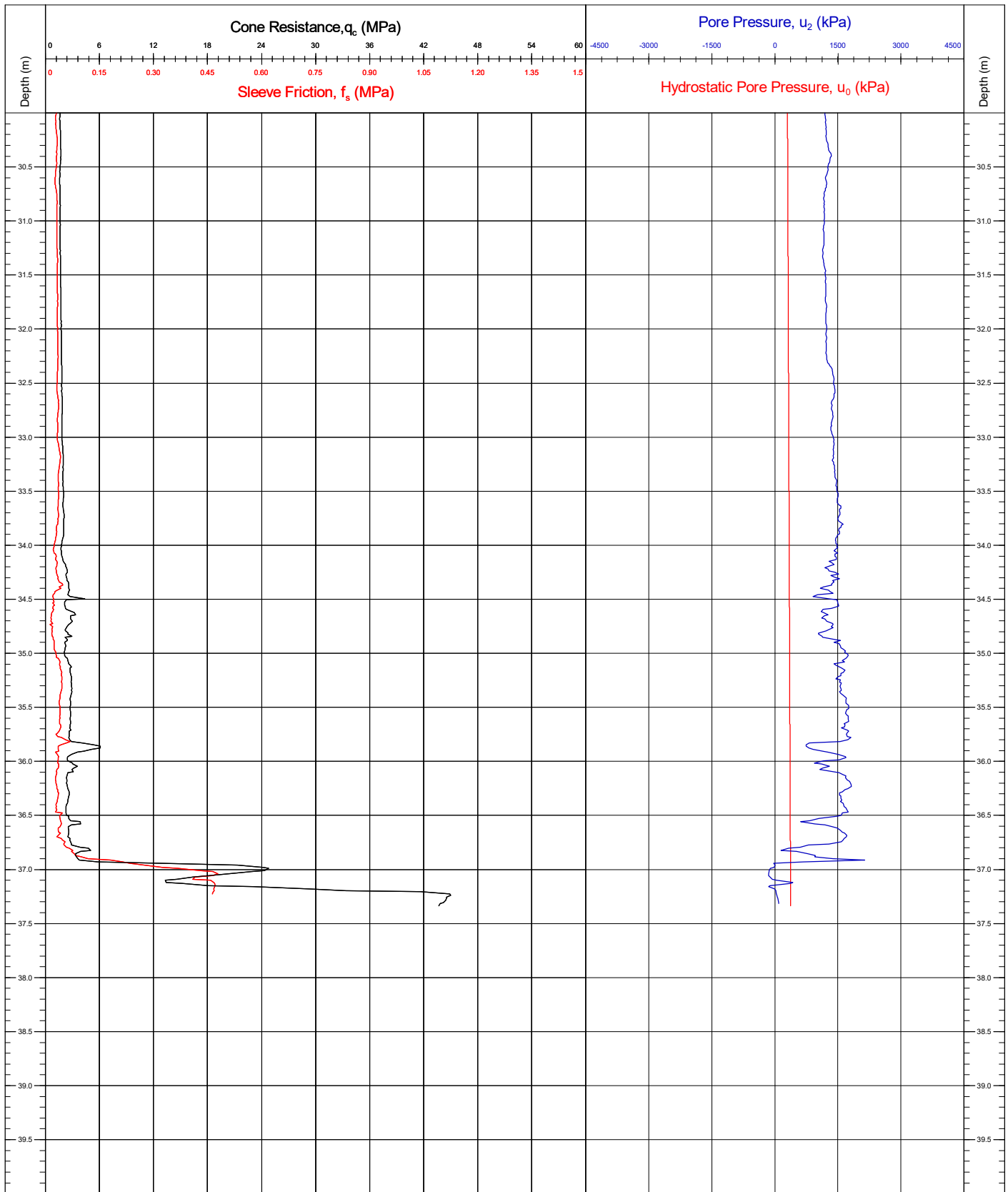


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	671118.60E 6254692.20N	CPT Number	
Contract	11596	Latitude / Longitude		CB5a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.38	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.5° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(28/04/2021)	(10/06/2021)

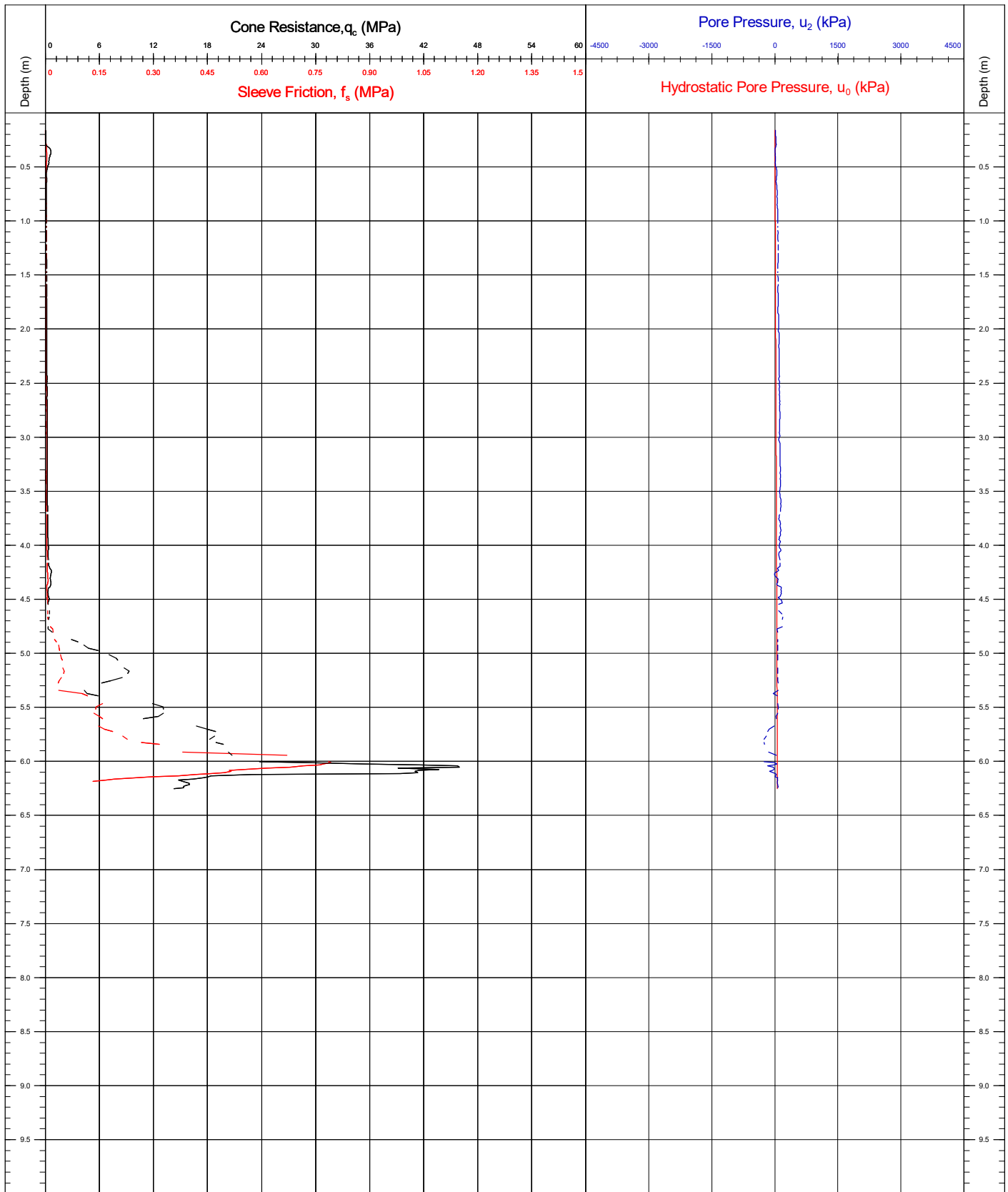


Area	Kattegat Sea	Coordinates	671118.60E 6254692.20N	CPT Number			
Contract	11596	Latitude / Longitude		CB5a			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.38				
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	Page: 4/4			
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test</small>				QC Status			
				Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.5° / Y = 0.0°		JK/BC	DR	SMc
		CRS	ETRS89		(28/04/2021)	(10/06/2021)	(10/11/2021)

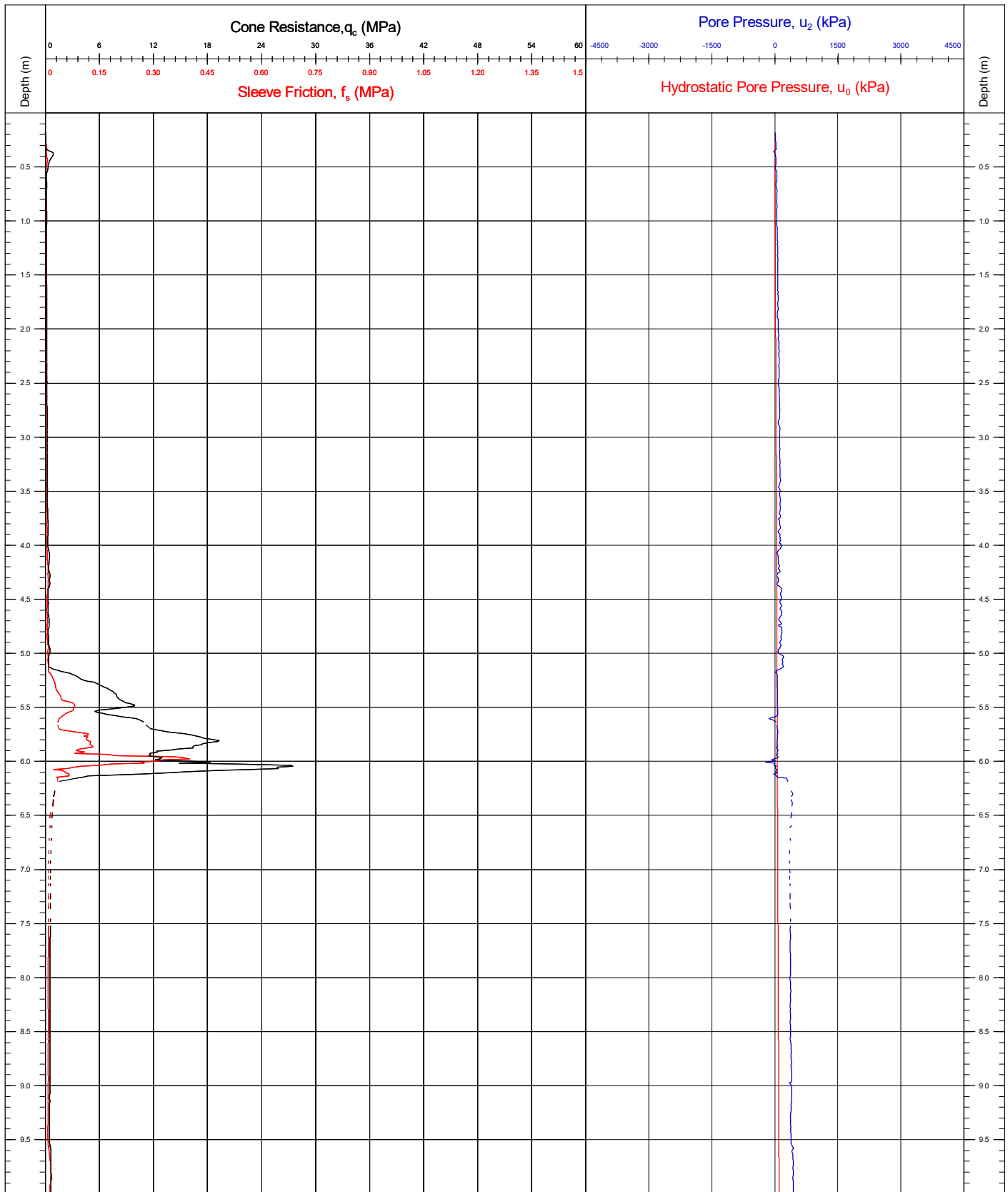


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	668194.00E 6257998.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB6	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.74	Page: 1/1	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 6.10m. Test terminated at operators discretion due to sudden increase in inclination and tip resistance		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)

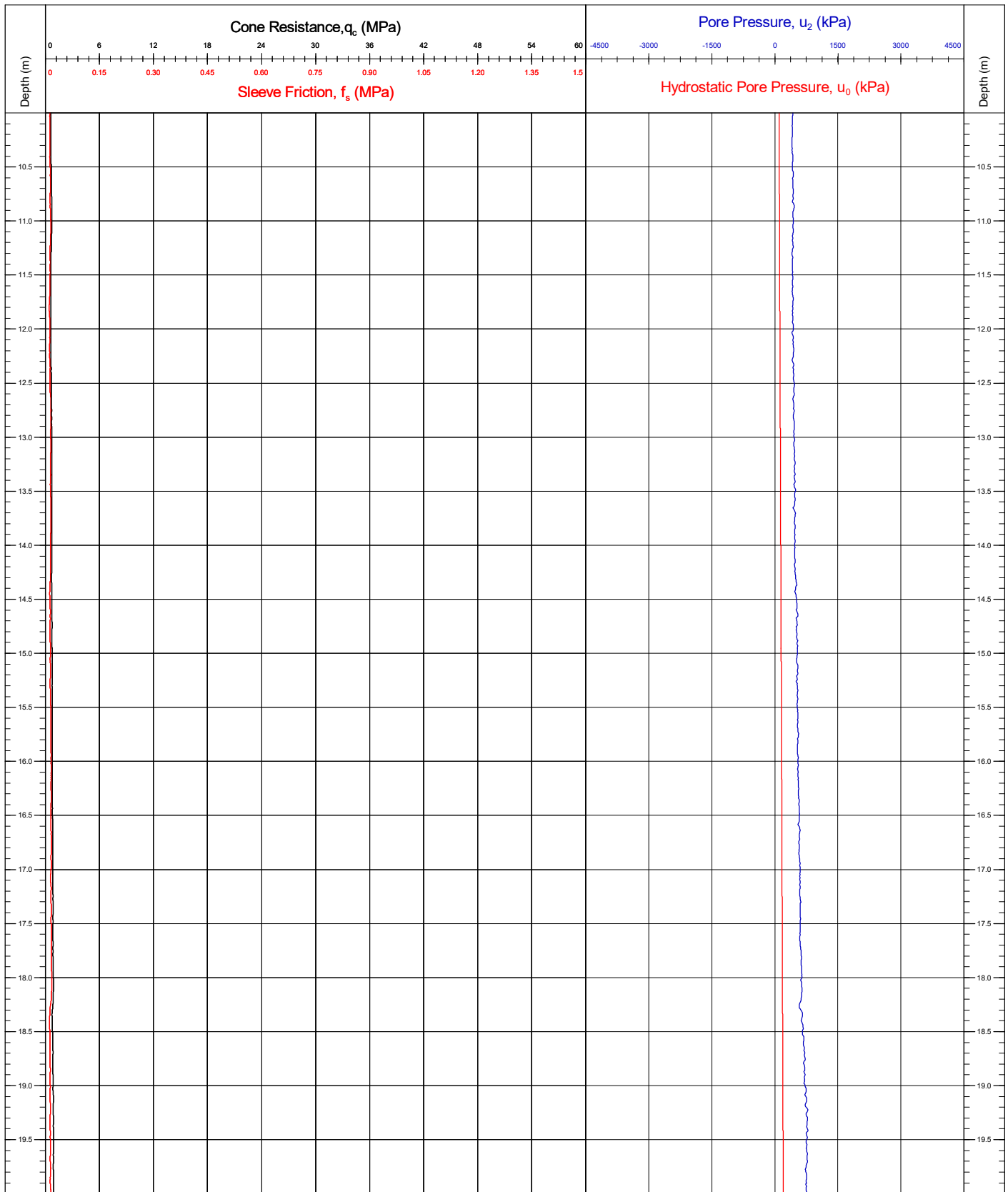


Area	Kattegat Sea	Coordinates	668194.30E 6257993.10N	CPT Number			
Contract	11596	Latitude / Longitude		CB6a			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.75				
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 1/4			
Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)				QC Status			
				Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary	Draft	Final
CRS ETRS89					JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

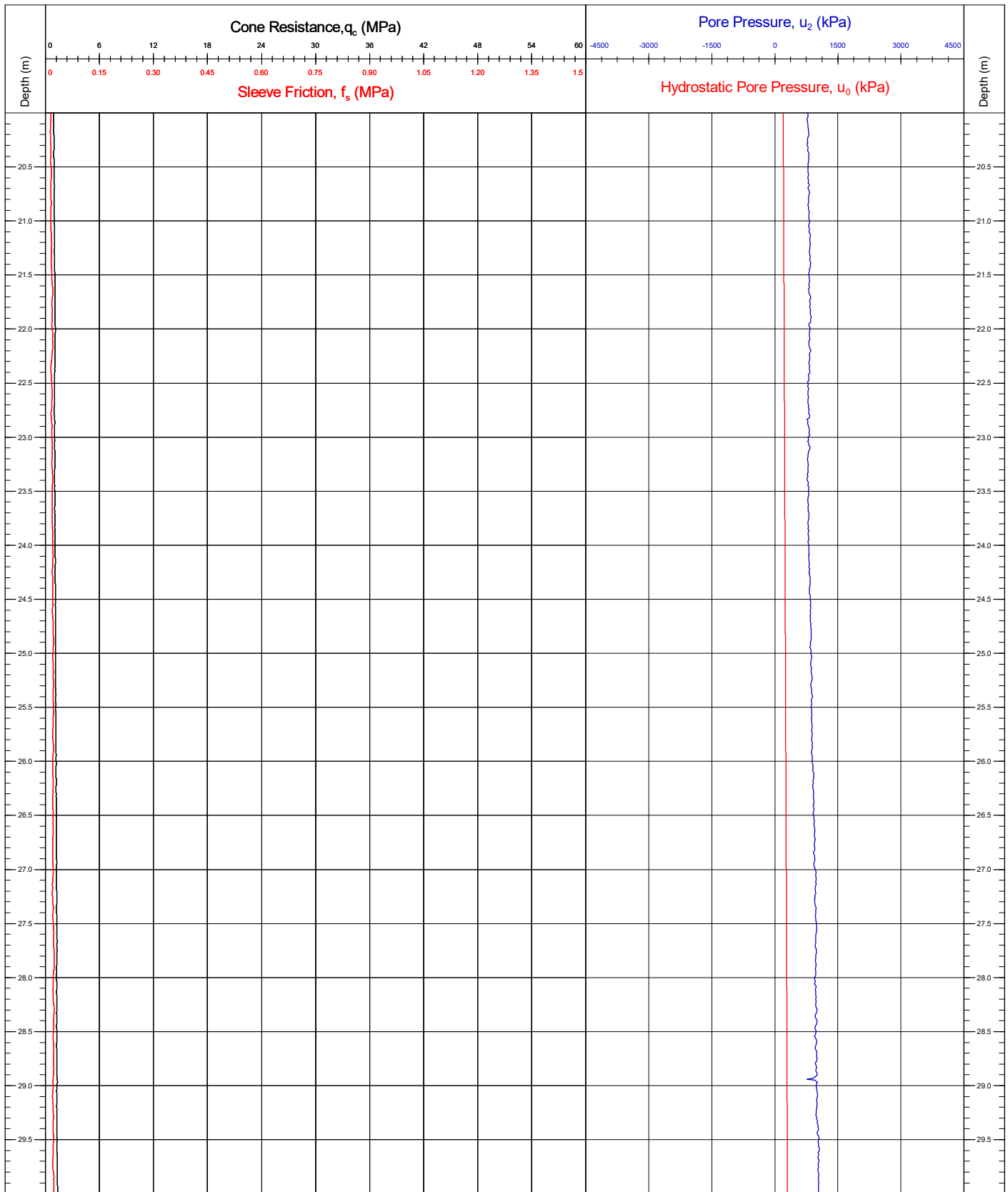


Area	Kattegat Sea	Coordinates	668194.30E 6257993.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB6a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.75	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final		
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR	SMc
		CRS	ETRS89	(29/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

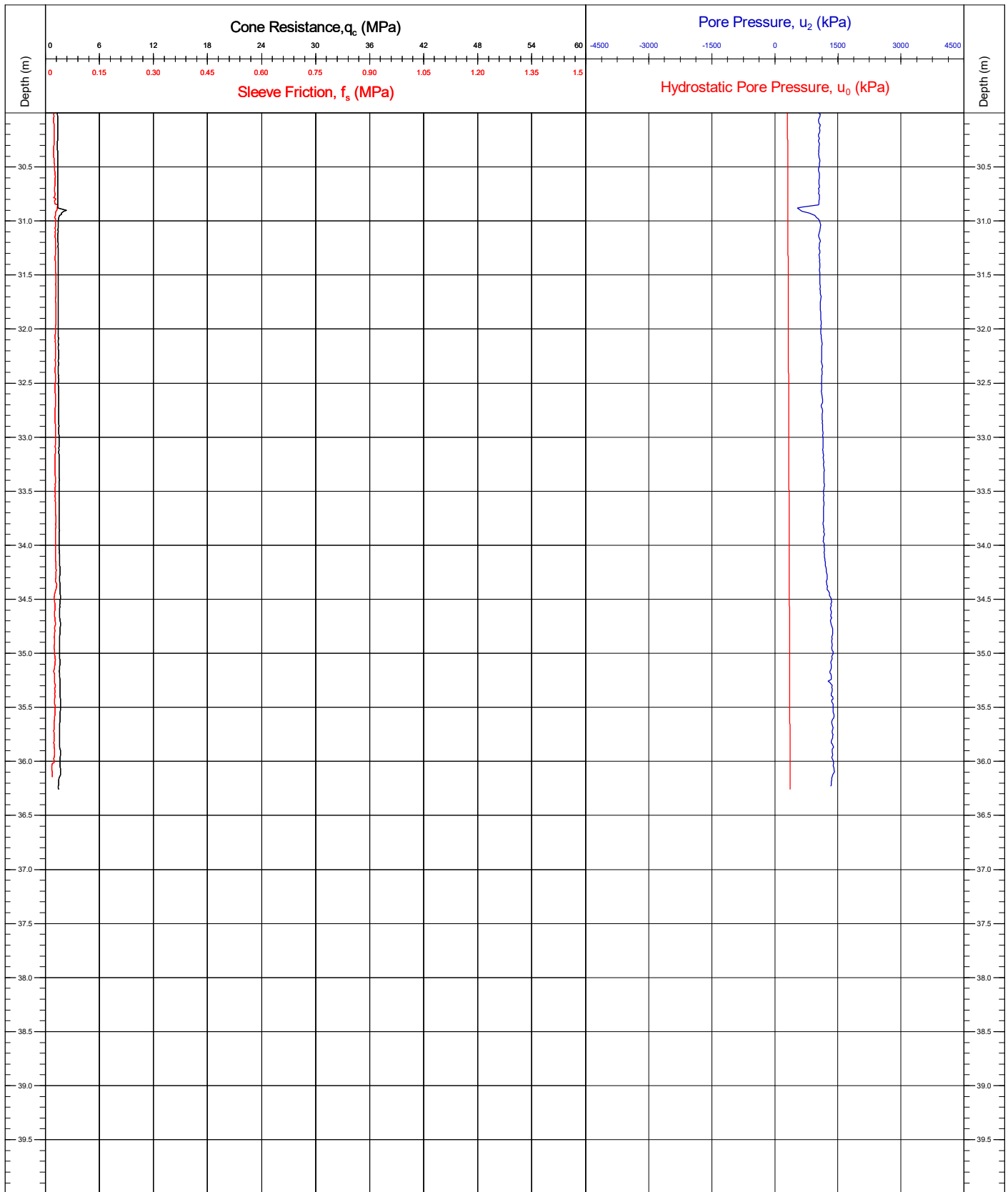


Area	Kattegat Sea	Coordinates	668194.30E	6257993.10N	CPT Number
Contract	11596	Latitude / Longitude			CB6a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.75		Page: 3/4
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
					JK/BC (29/04/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

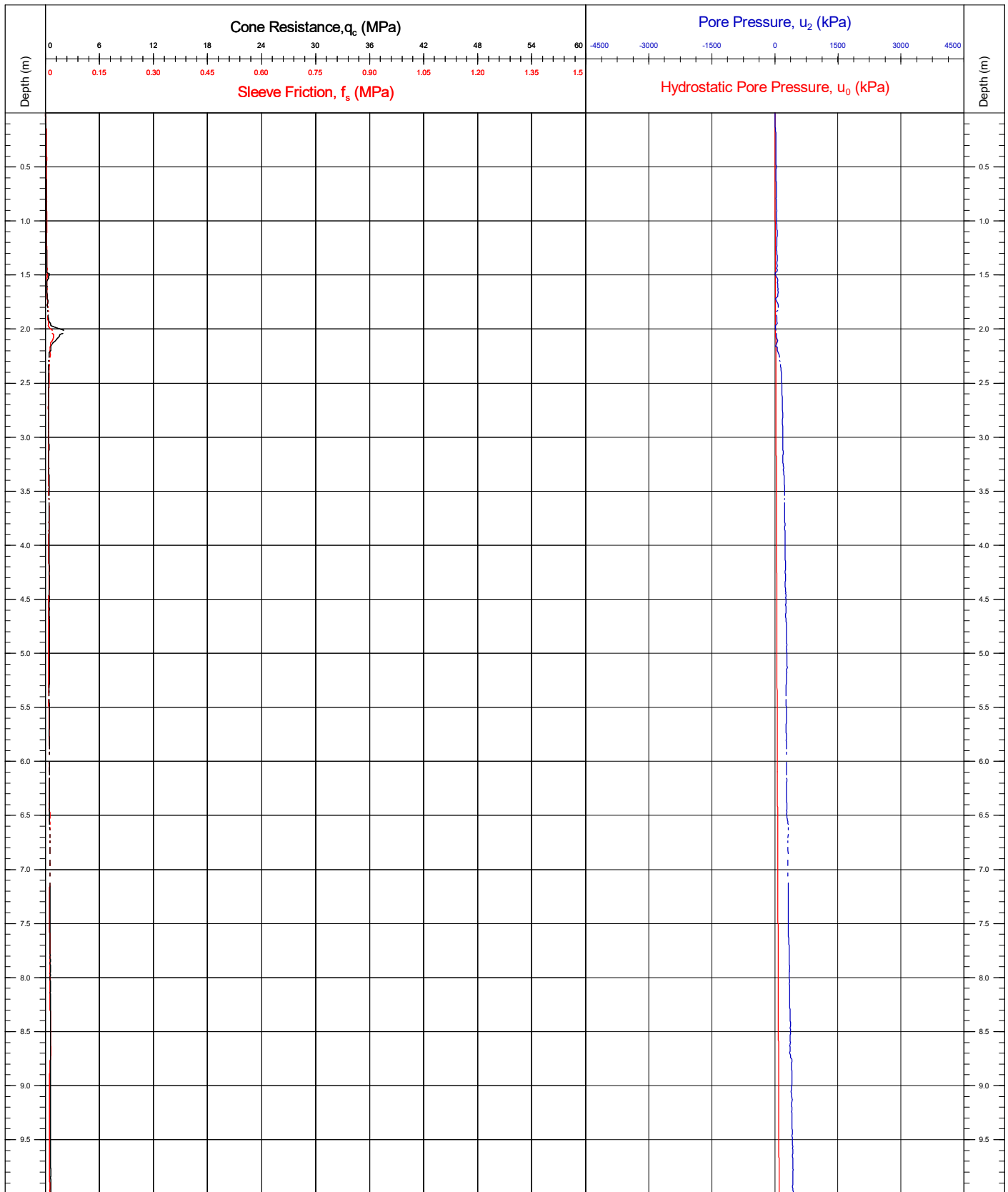


Area	Kattegat Sea	Coordinates	668194.30E 6257993.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB6a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.75	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

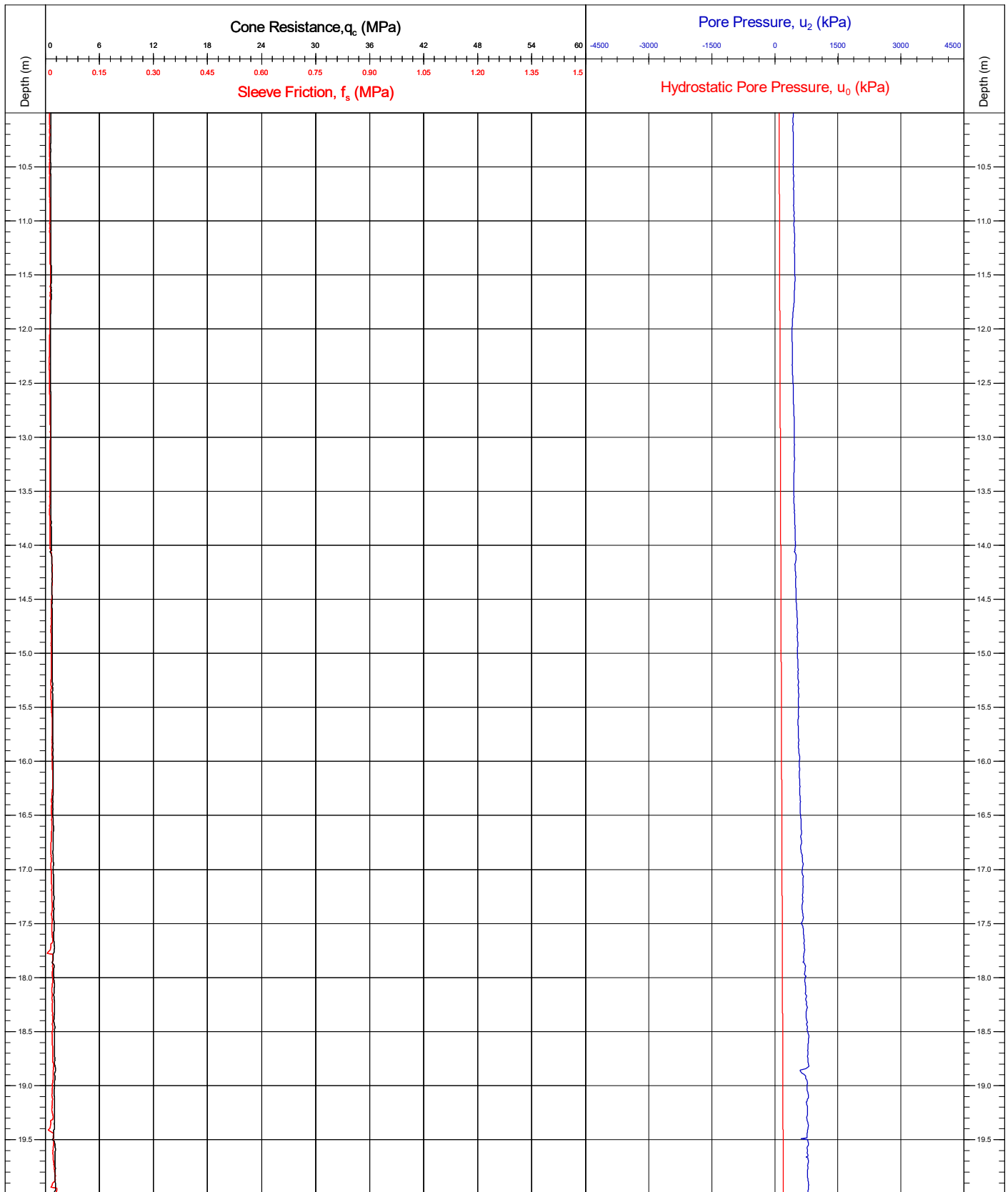


Area	Kattegat Sea	Coordinates	673538.00E 6259621.30N	CPT Number	
Contract	11596	Latitude / Longitude		CB7	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 1/3	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

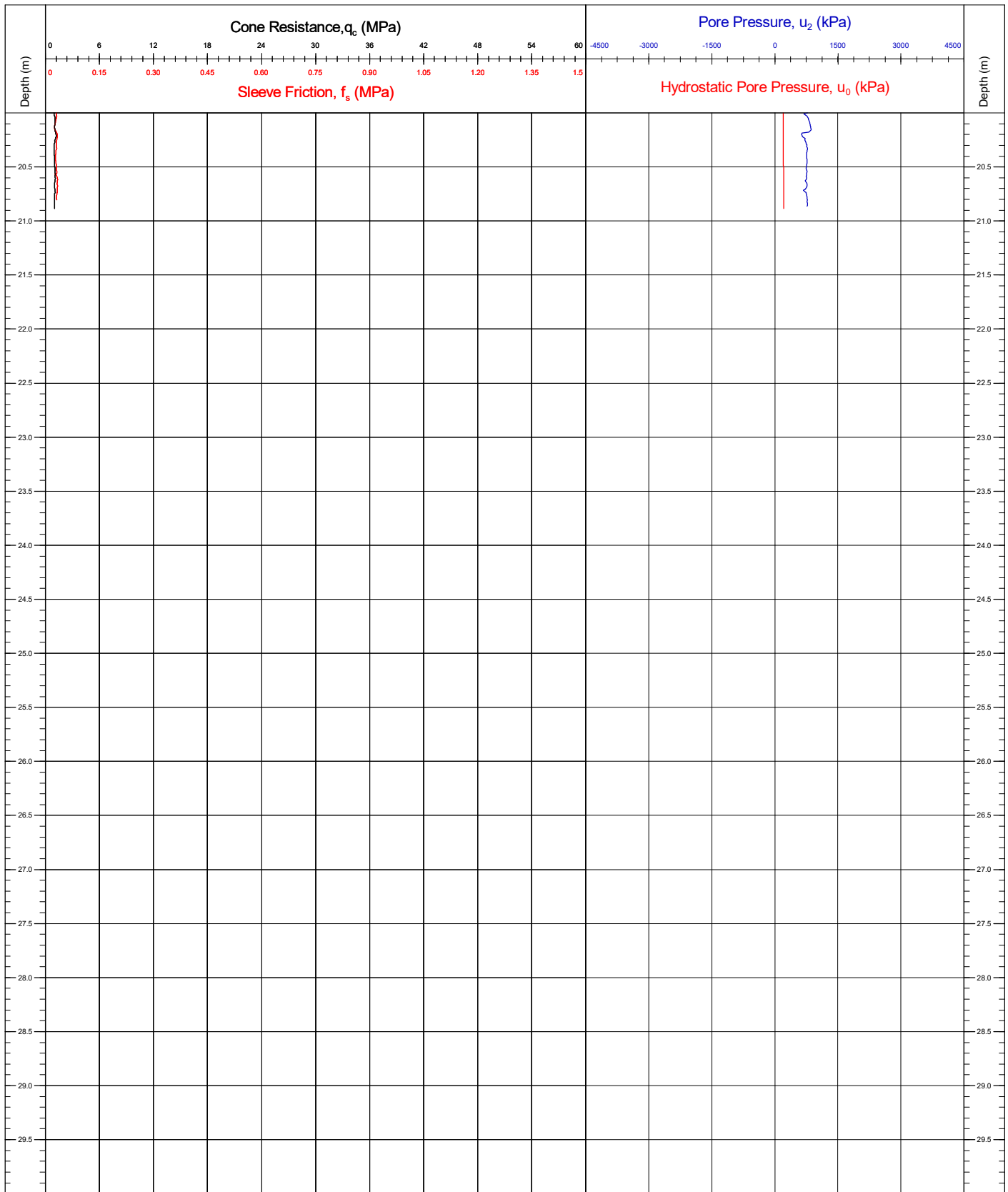


Area	Kattegat Sea	Coordinates	673538.00E 6259621.30N	CPT Number	
Contract	11596	Latitude / Longitude		CB7	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 2/3	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone		Cone No.(size)/α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

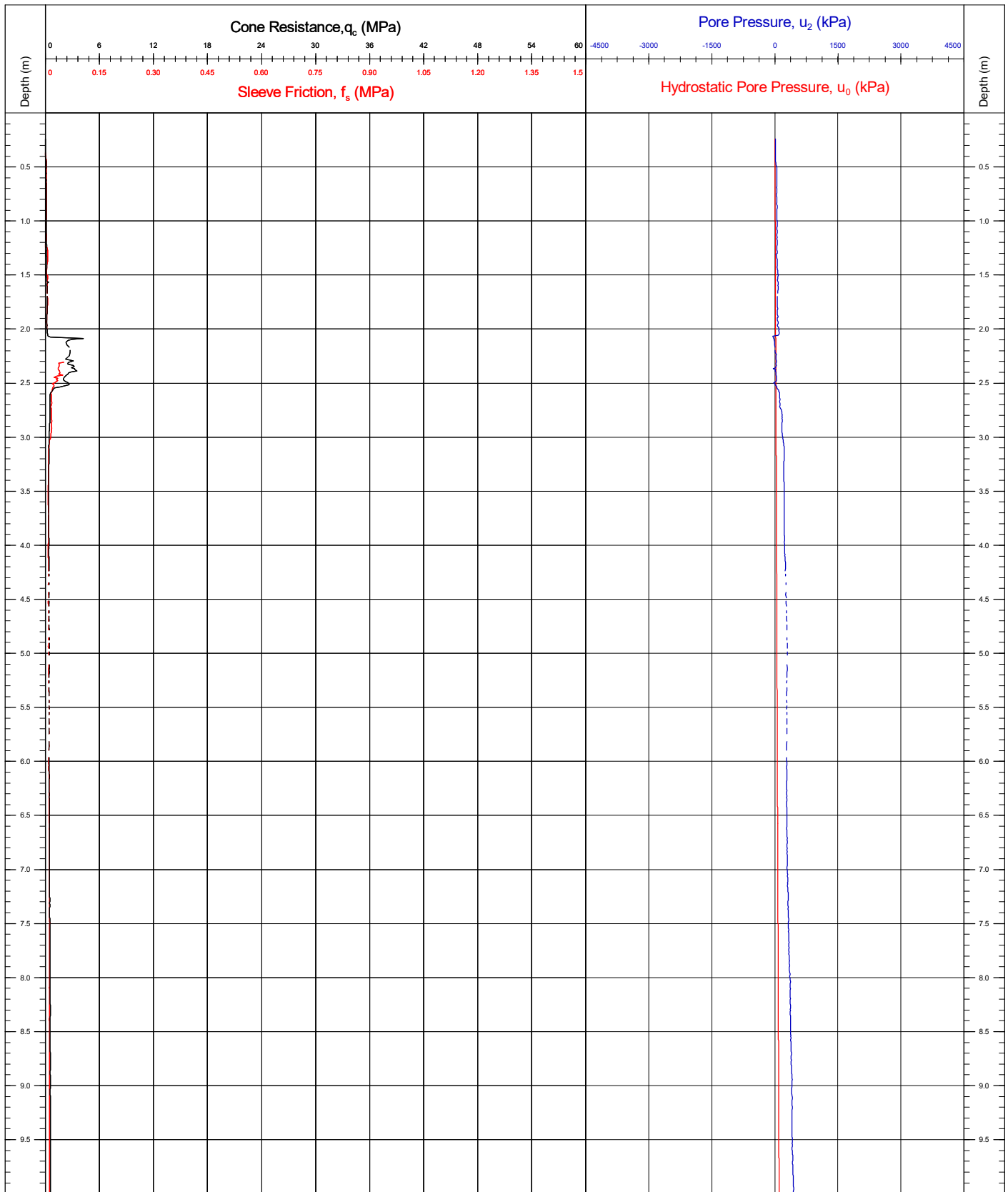


Area	Kattegat Sea	Coordinates	673538.00E 6259621.30N	CPT Number	
Contract	11596	Latitude / Longitude		CB7	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone		Cone No.(size)/α Factor	181005 (10cm ²) / 0.73	Preliminary	
		Base Inclination	X = 1.2° / Y = 0.7°	Draft	Final
		CRS	ETRS89	JK/BC (29/04/2021)	DR (10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

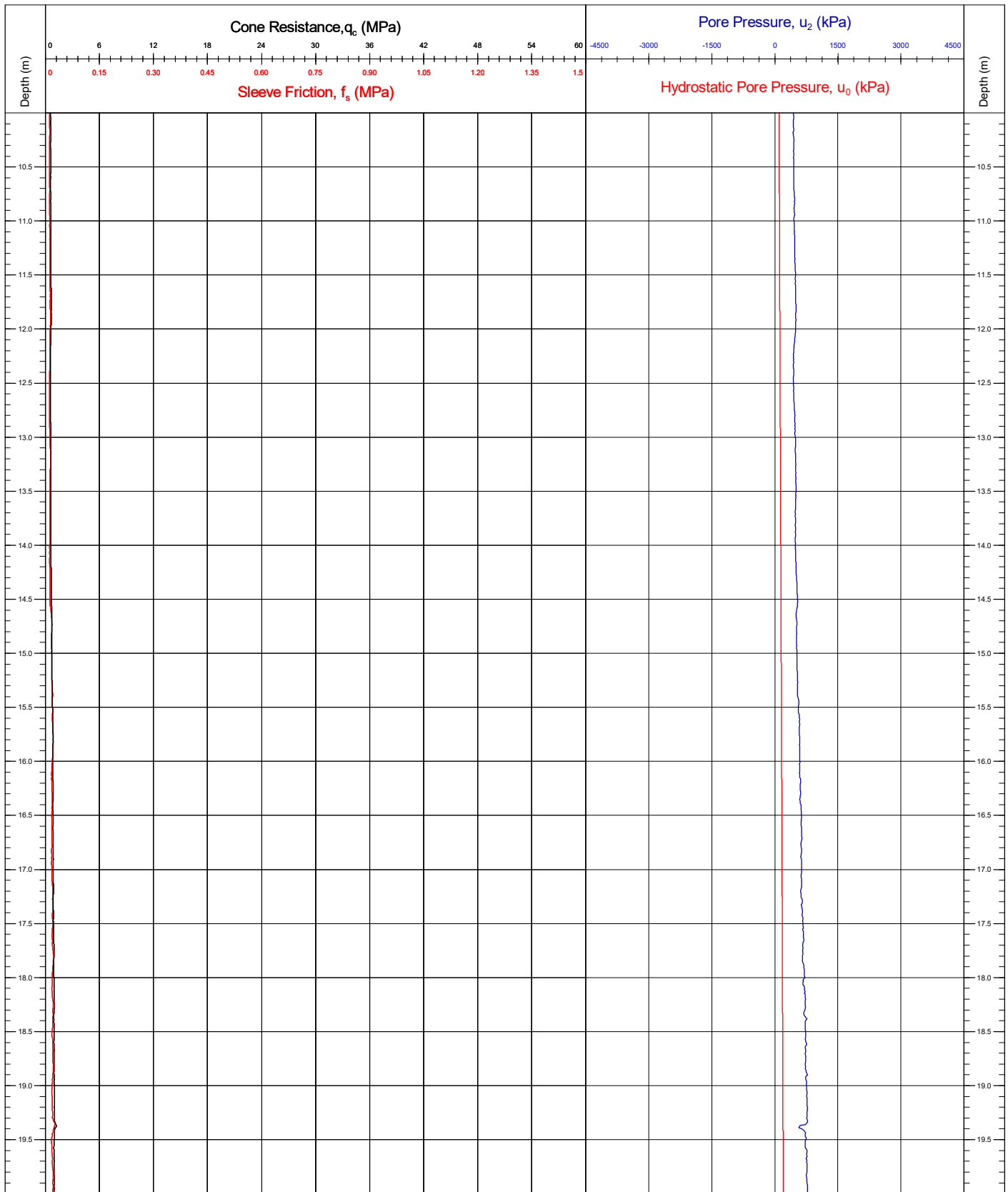


Area	Kattegat Sea	Coordinates	673538.50E 6259616.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB7a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.08	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/04/2021 to 30/04/2021	QC Status	
<small>Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal</small>		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC <small>(30/04/2021)</small>	DR <small>(10/06/2021)</small>
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

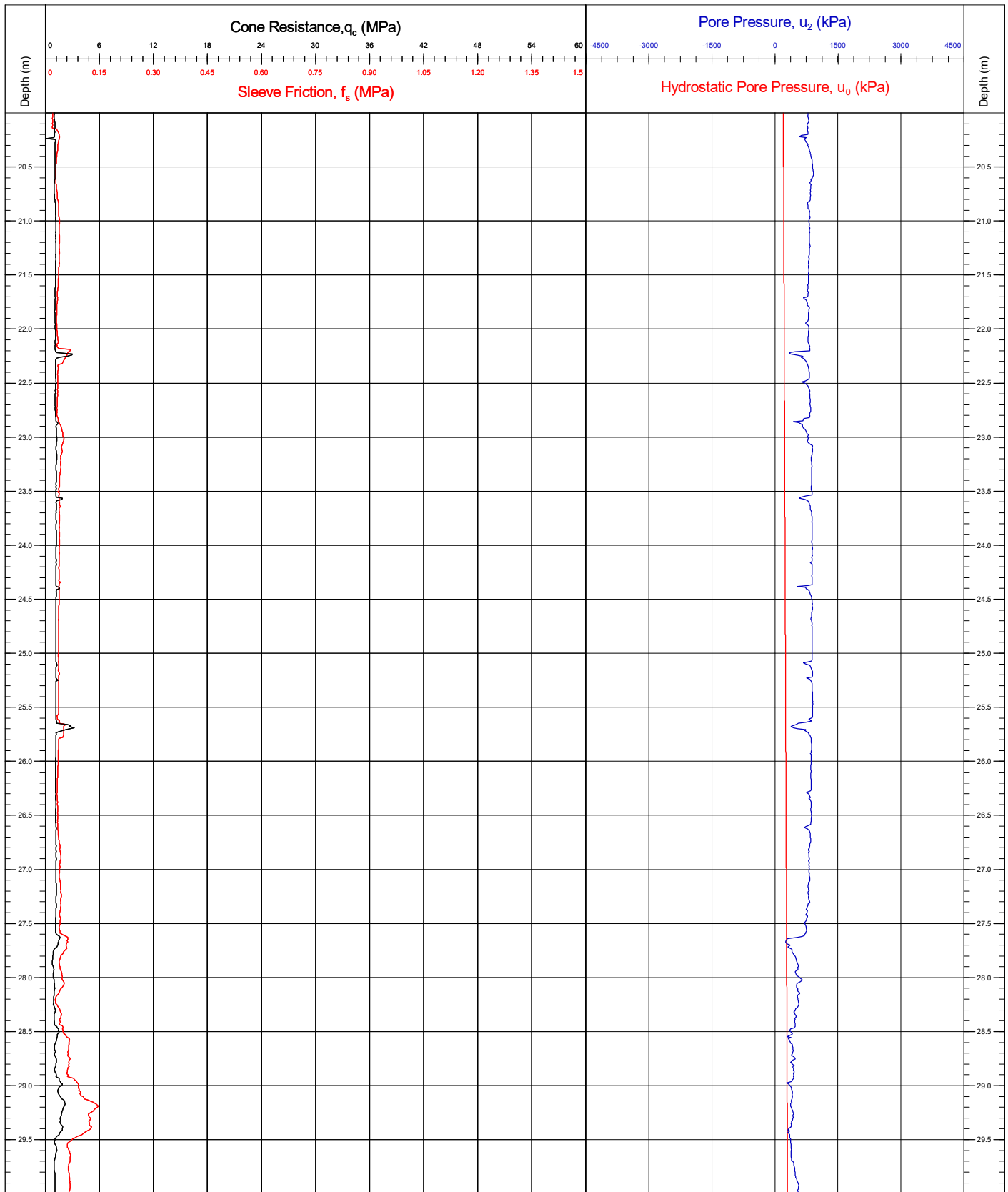


Area	Kattegat Sea	Coordinates	673538.50E 6259616.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB7a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.08			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/04/2021 to 30/04/2021	Page: 2/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal</small>		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	QC Status		
		Base Inclination	X = 1.2° / Y = 0.8°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

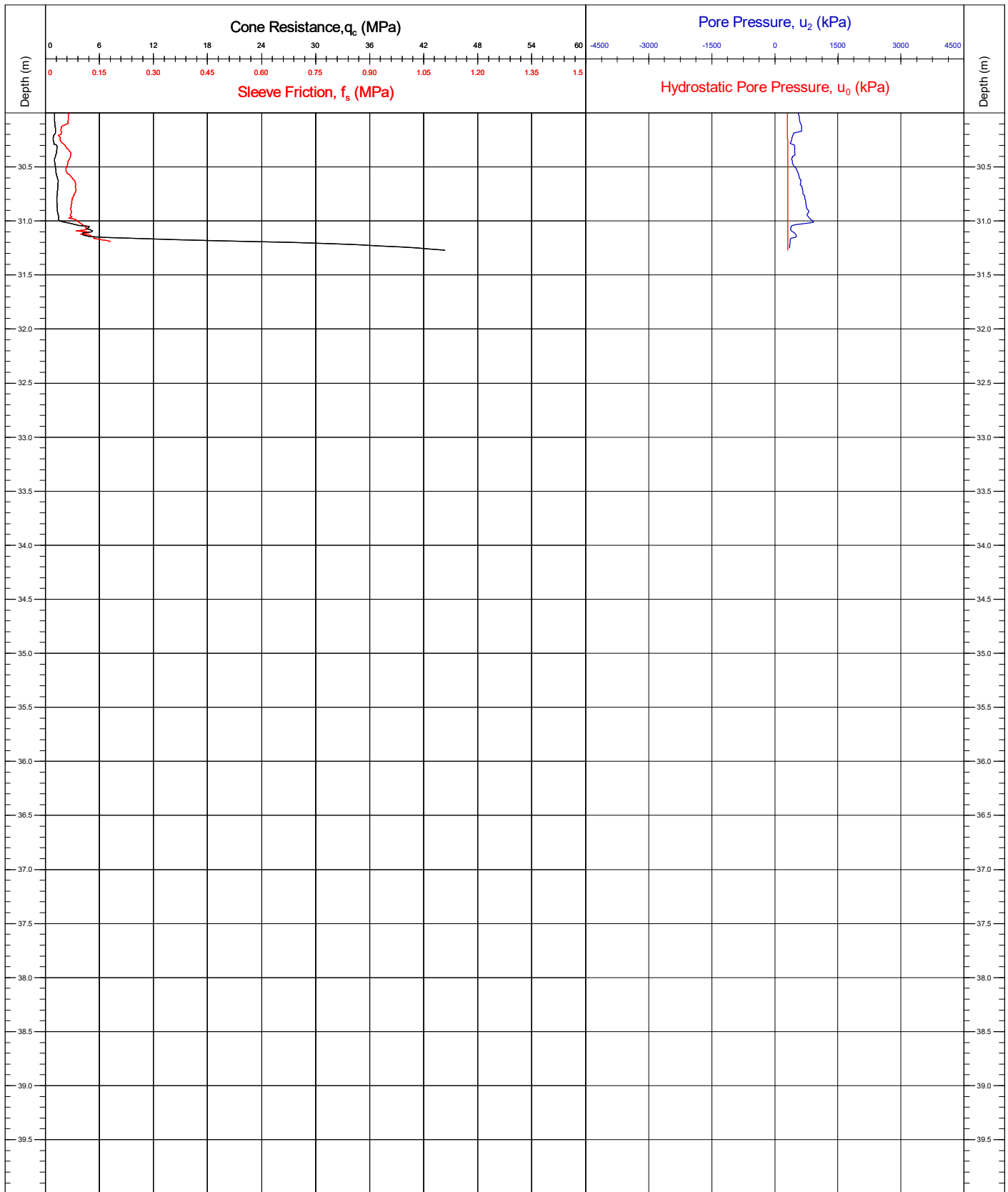


Area	Kattegat Sea	Coordinates	673538.50E 6259616.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB7a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.08			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/04/2021 to 30/04/2021	Page: 3/4		
Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	QC Status		
		Base Inclination	X = 1.2° / Y = 0.8°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

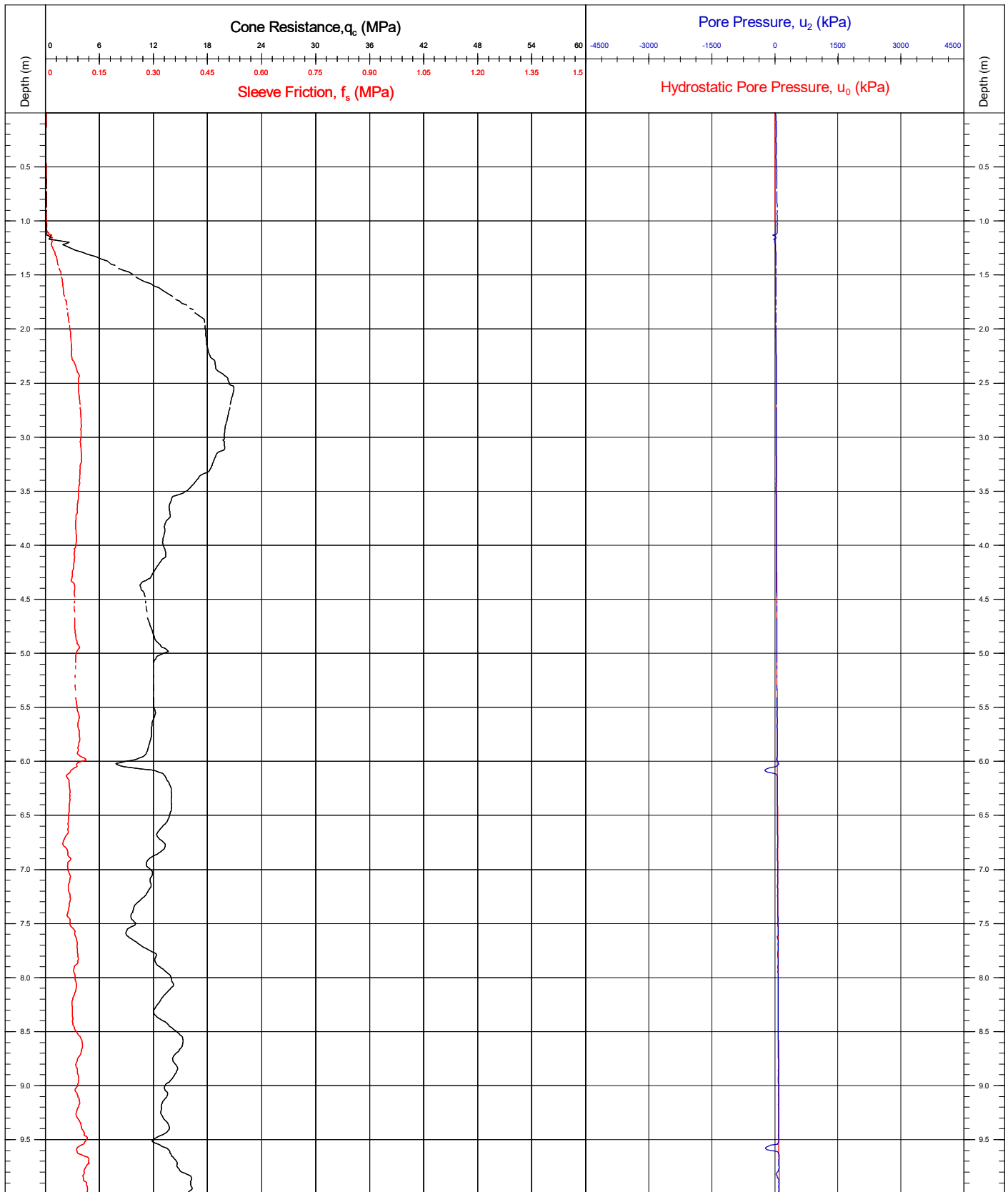


Area	Kattegat Sea	Coordinates	673538.50E 6259616.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB7a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.08	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/04/2021 to 30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC DR SMC	
		CRS	ETRS89	(30/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

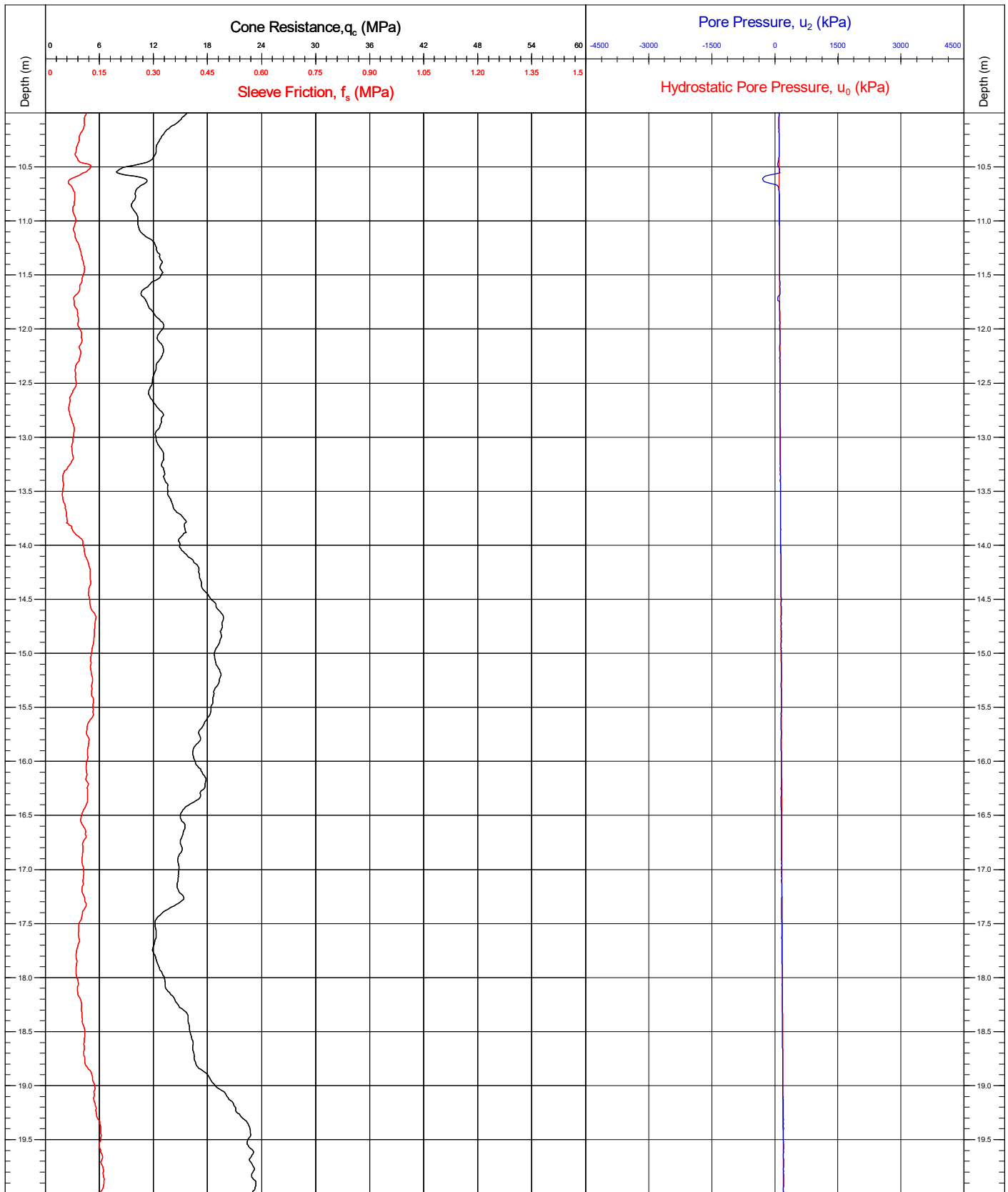


Area	Kattegat Sea	Coordinates	679824.30E 6248908.70N	CPT Number			
Contract	11596	Latitude / Longitude		CB8			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.69				
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 1/3			
Comments: Cone Class1. Continuous seabed CPT. Final depth 24.61m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.				QC Status			
				Cone No.(size)/α Factor			Preliminary
Base Inclination				X = 0.1° / Y = 0.0°	JK/BC	DR	SMc
CRS ETRS89					(27/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

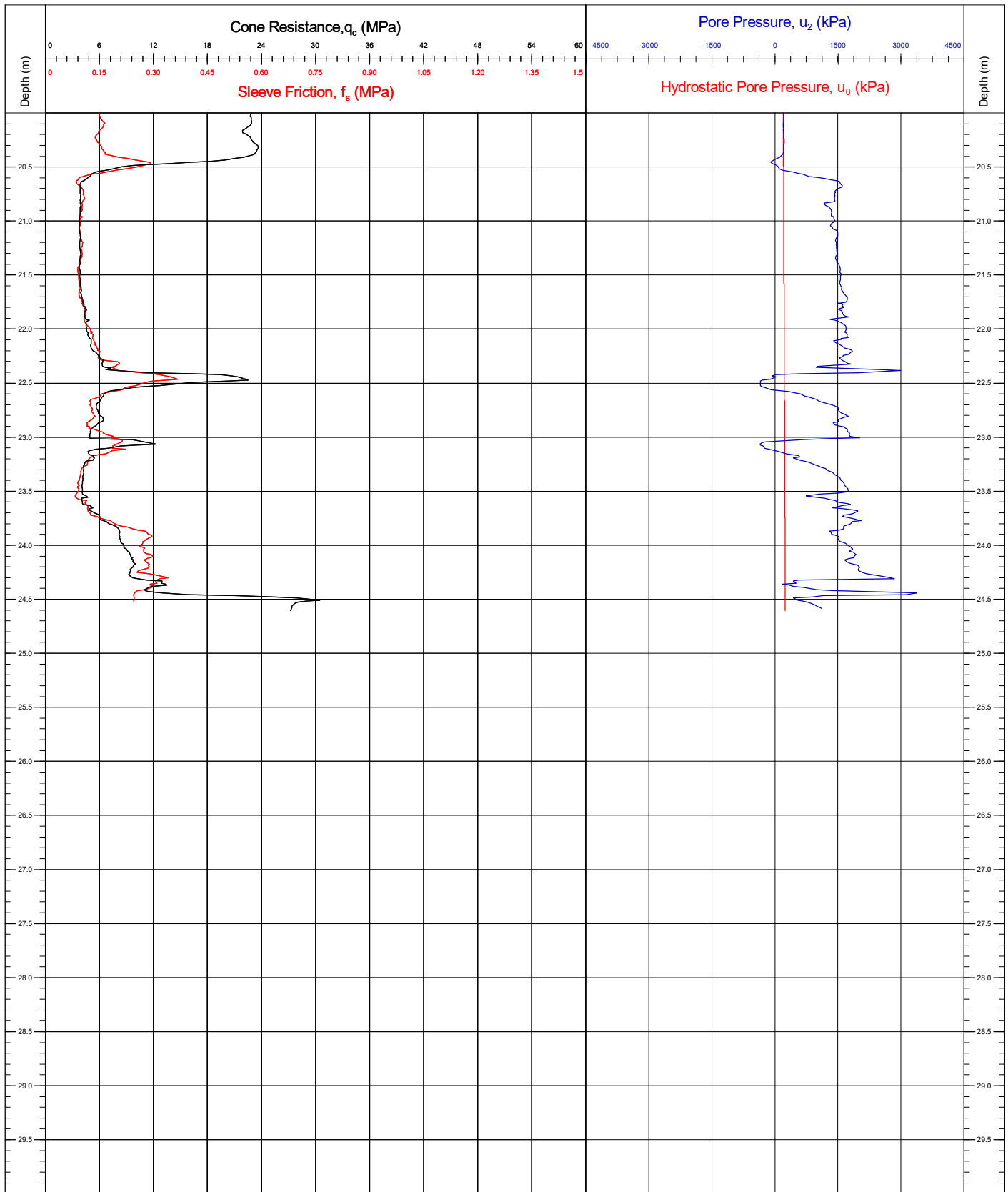


Area	Kattegat Sea	Coordinates	679824.30E	6248908.70N	CPT Number
Contract	11596	Latitude / Longitude			CB8
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.69		Page: 2/3
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		QC Status
Comments: Cone Class1. Continuous seabed CPT. Final depth 24.61m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 0.1° / Y = 0.0°		Draft
		CRS	ETRS89		Final
			JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

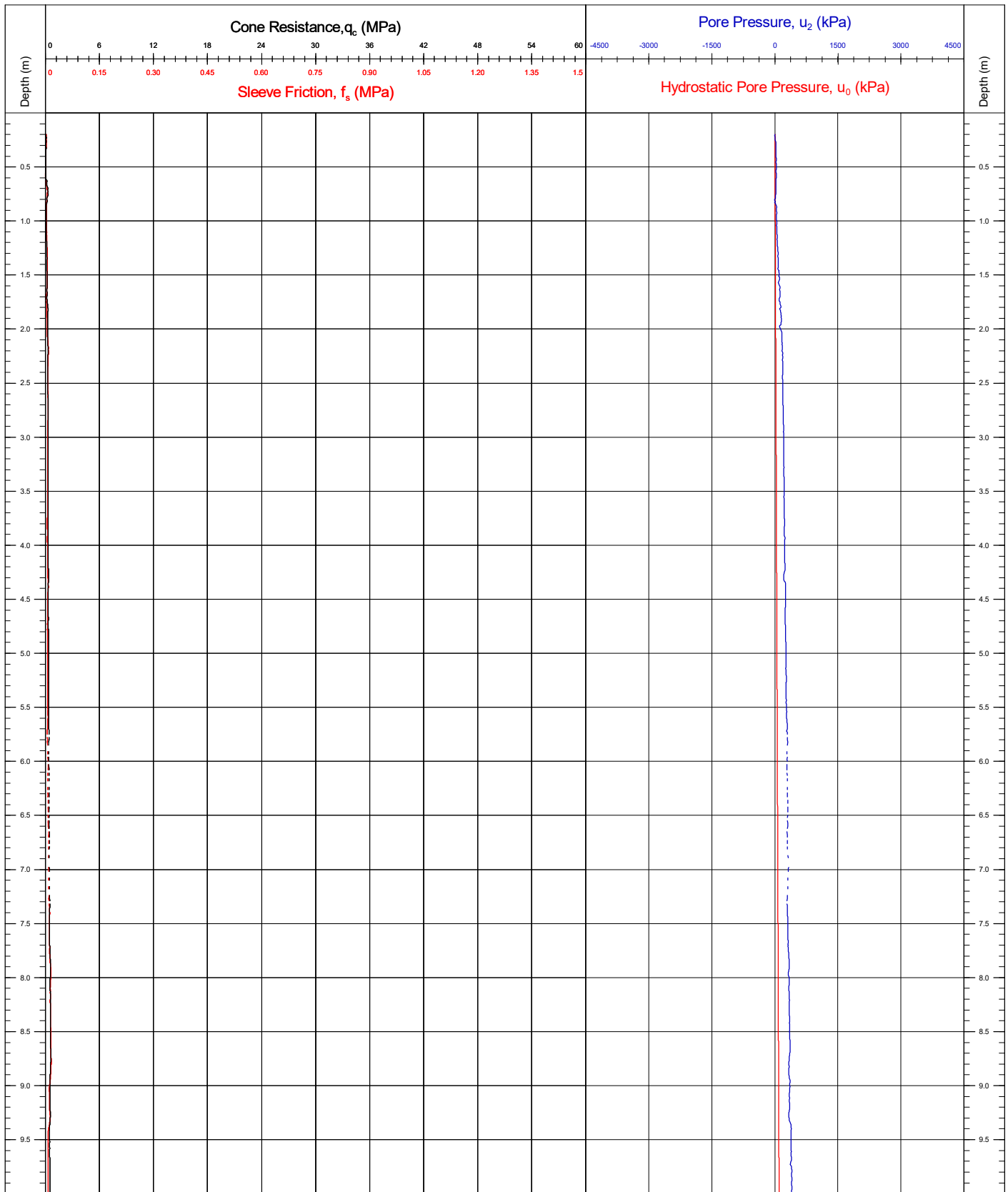


Area	Kattegat Sea	Coordinates	679824.30E 6248908.70N	CPT Number		
Contract	11596	Latitude / Longitude		CB8		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.69			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 3/3		
<small>Comments: Cone Class 1. Continuous seabed CPT. Final depth 24.6m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.</small>				QC Status		
				Cone No.(size)/ α Factor 130206 (10cm²) / 0.77		
Base Inclination				X = 0.1° / Y = 0.0°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

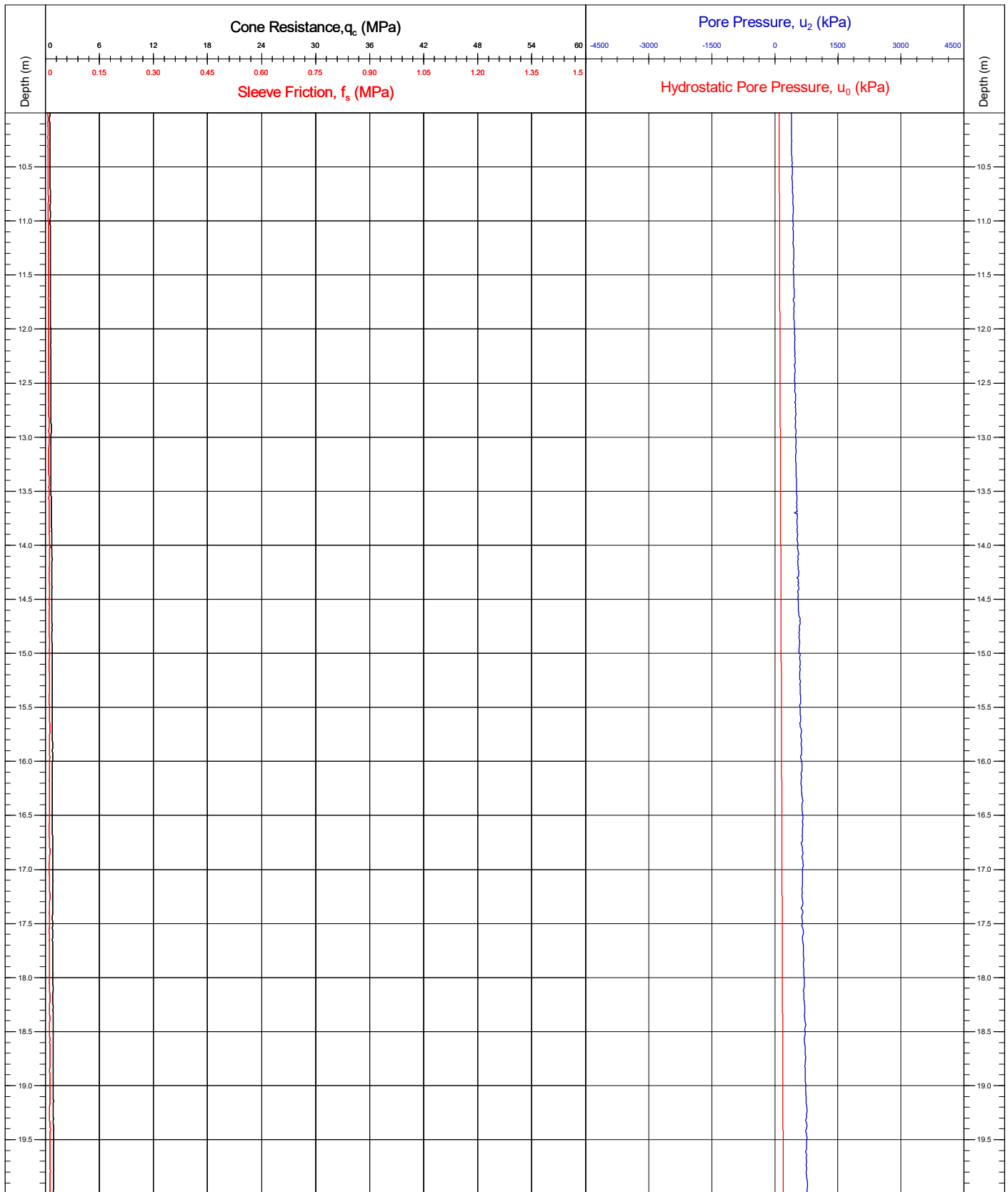


Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB9		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93			
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 1/5		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre</small>		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	QC Status		
		Base Inclination	X = 1.1° / Y = 0.9°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

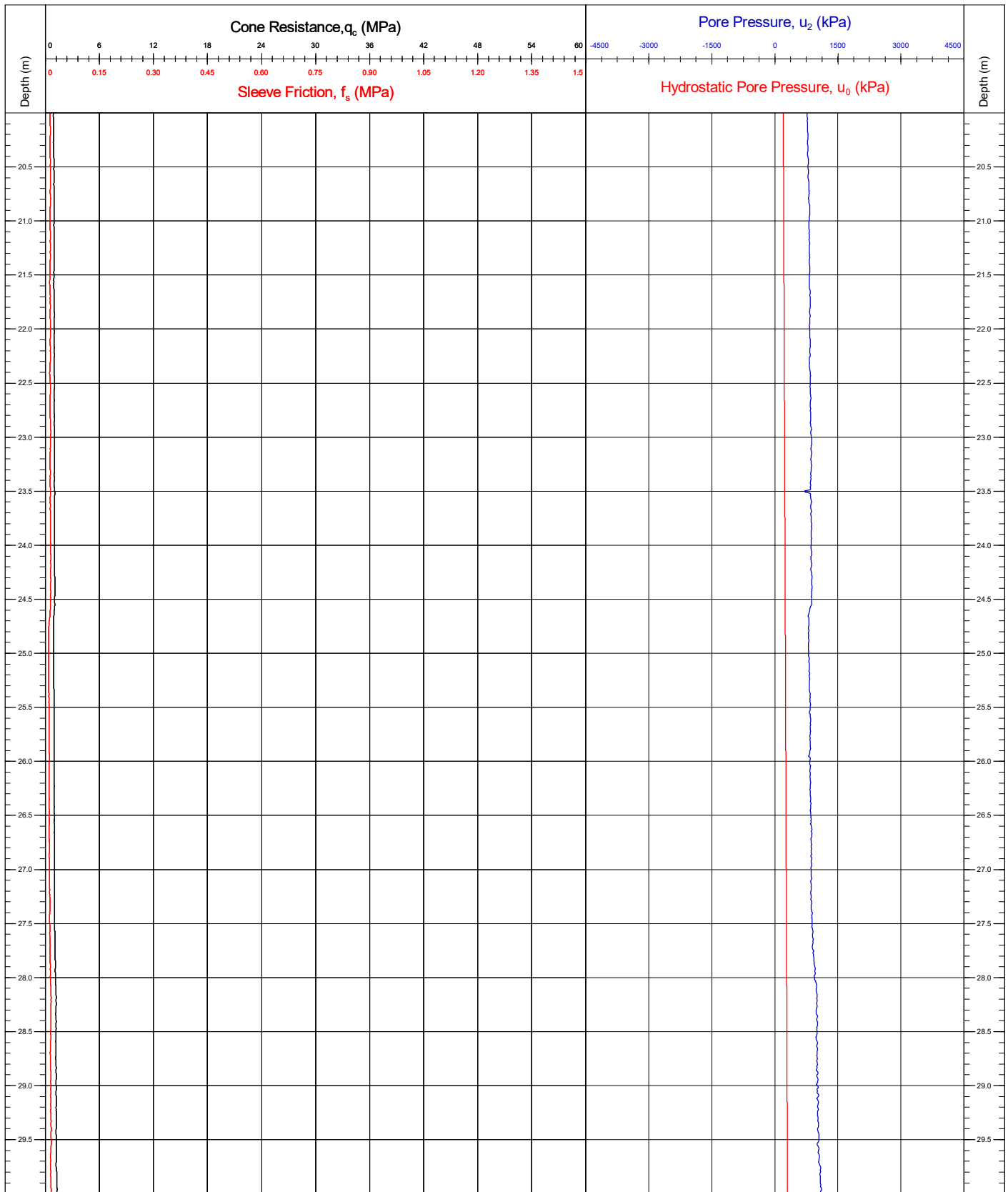


Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB9		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93	Page: 2/5		
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82			
		Base Inclination	X = 1.1° / Y = 0.9°			
		CRS	ETRS89			
				Preliminary	Draft	Final
				JK/BC <small>(02/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

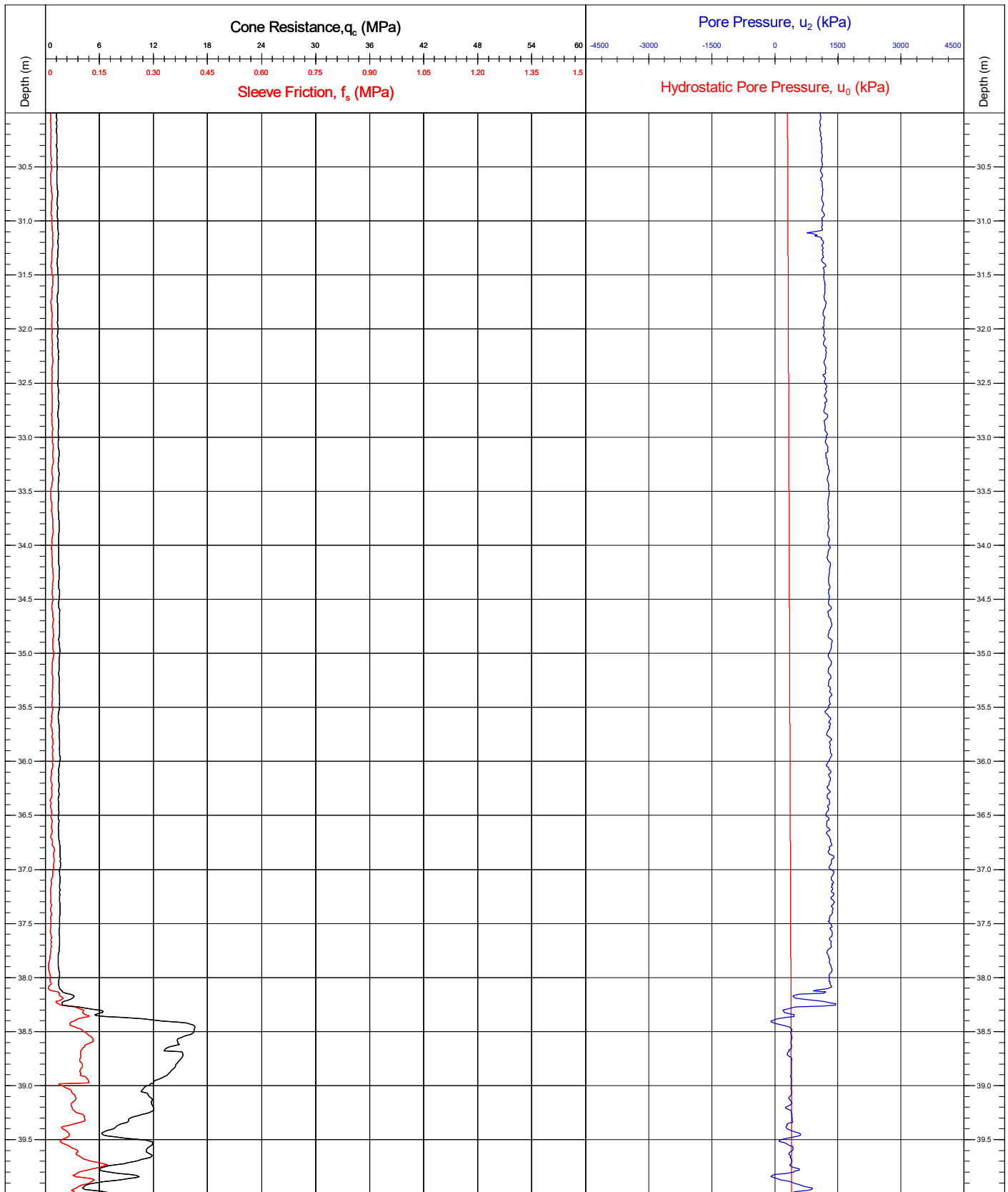


Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB9		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93			
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 3/5		
Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	QC Status		
		Base Inclination	X = 1.1° / Y = 0.9°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

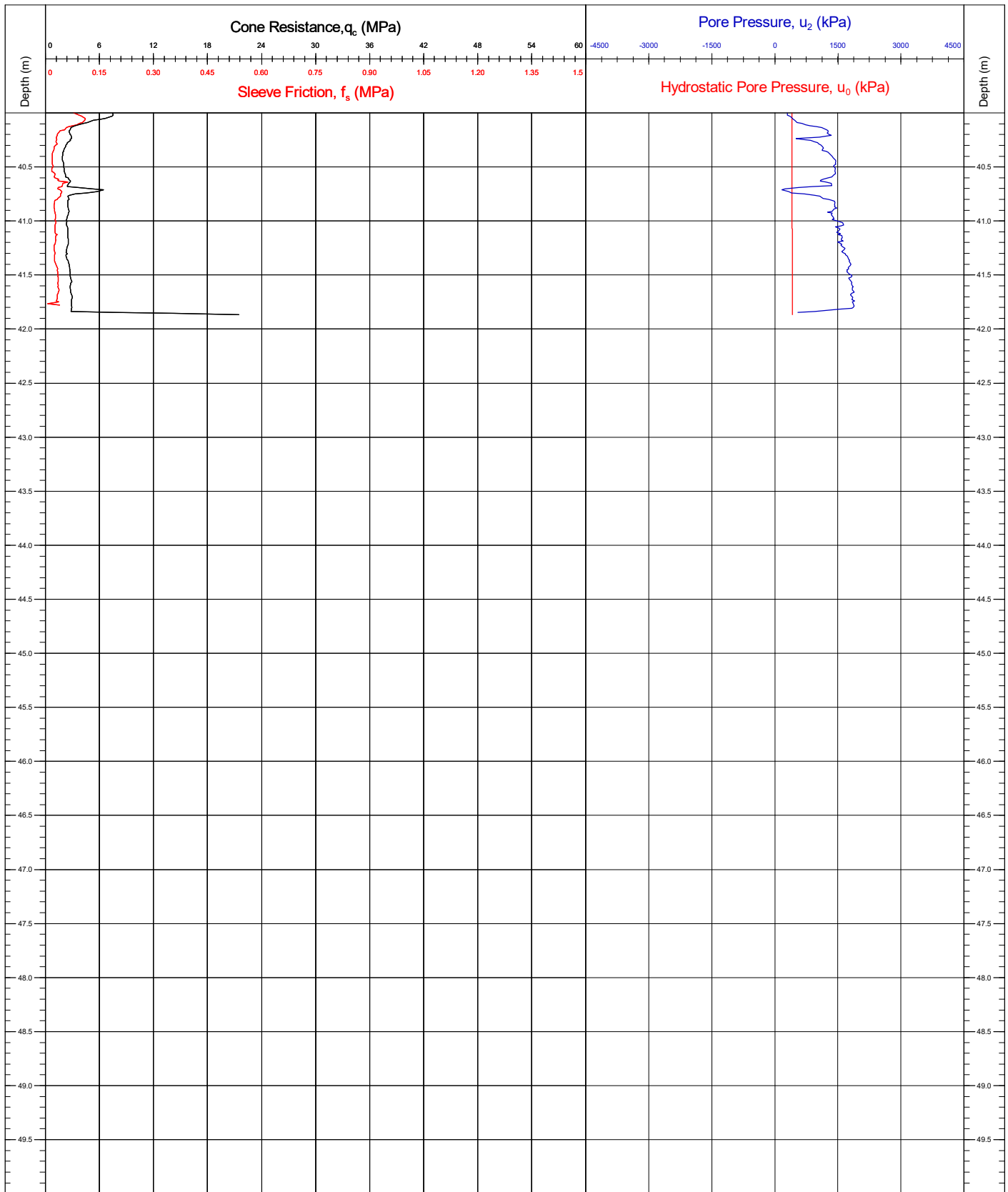


Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number	
Contract	11596	Latitude / Longitude		CB9	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93	Page: 4/5	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(02/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

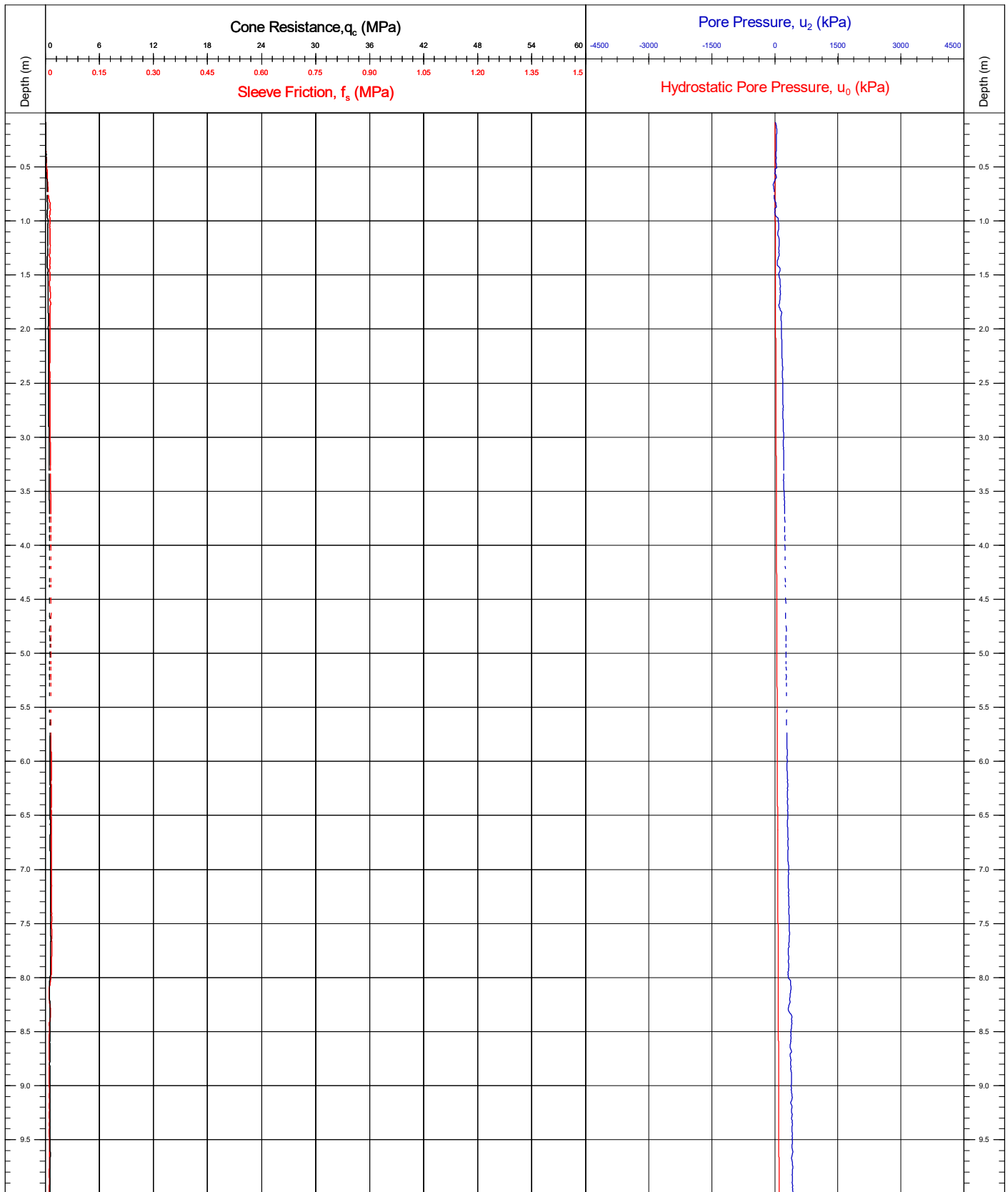


Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB9		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93			
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 5/5		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre</small>				QC Status		
				Cone No.(size)/ α Factor 130909 (10cm²) / 0.82		
Base Inclination				X = 1.1° / Y = 0.9°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

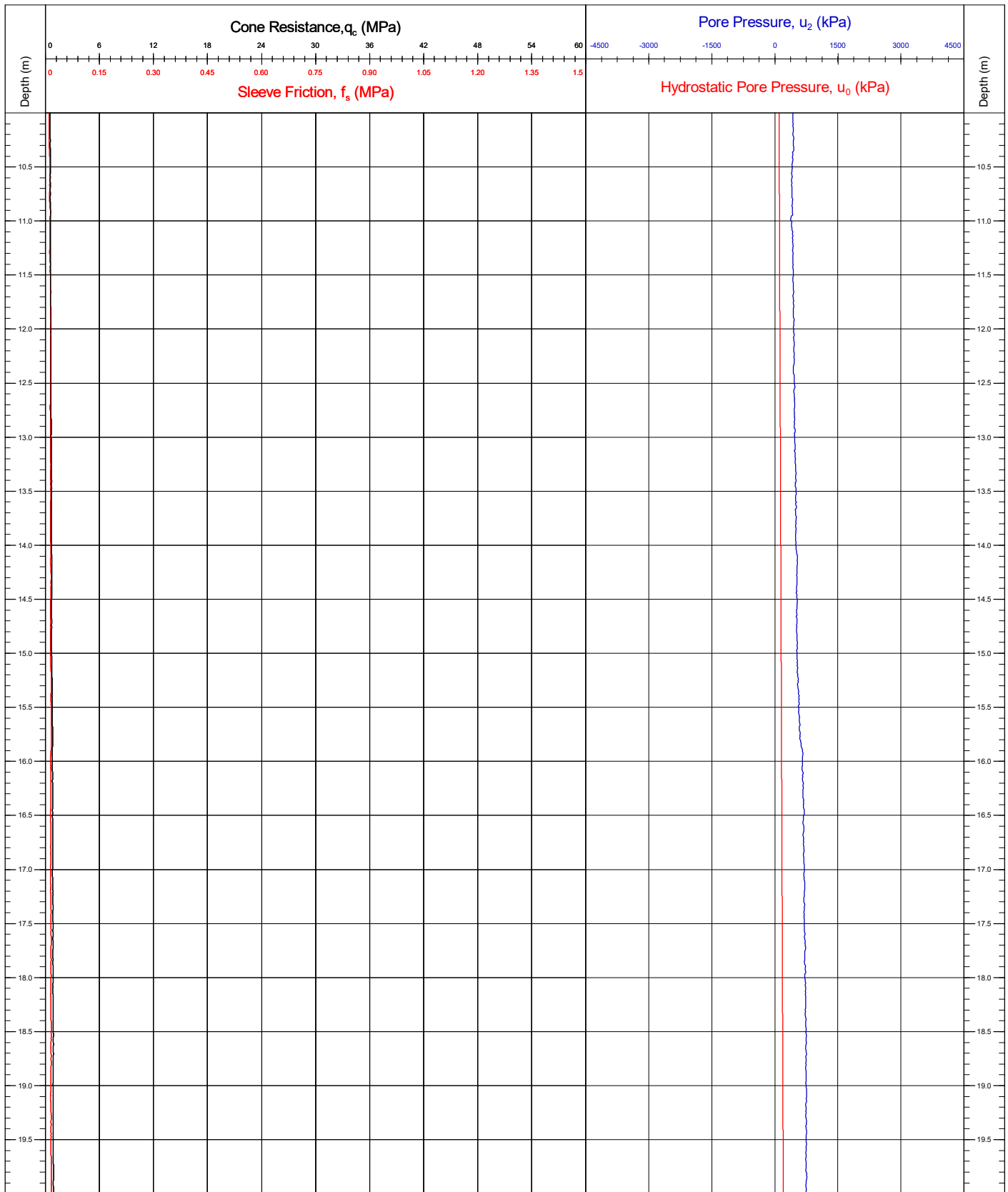


Area	Kattegat Sea	Coordinates	678760.10E 6261514.80N	CPT Number		
Contract	11596	Latitude / Longitude		CB10		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.04			
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	Page: 1/3		
Comments: Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline			Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81		
			Base Inclination	X = 0.1° / Y = 0.0°		
CRS		ETRS89	QC Status			
			Preliminary	Draft	Final	
			JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

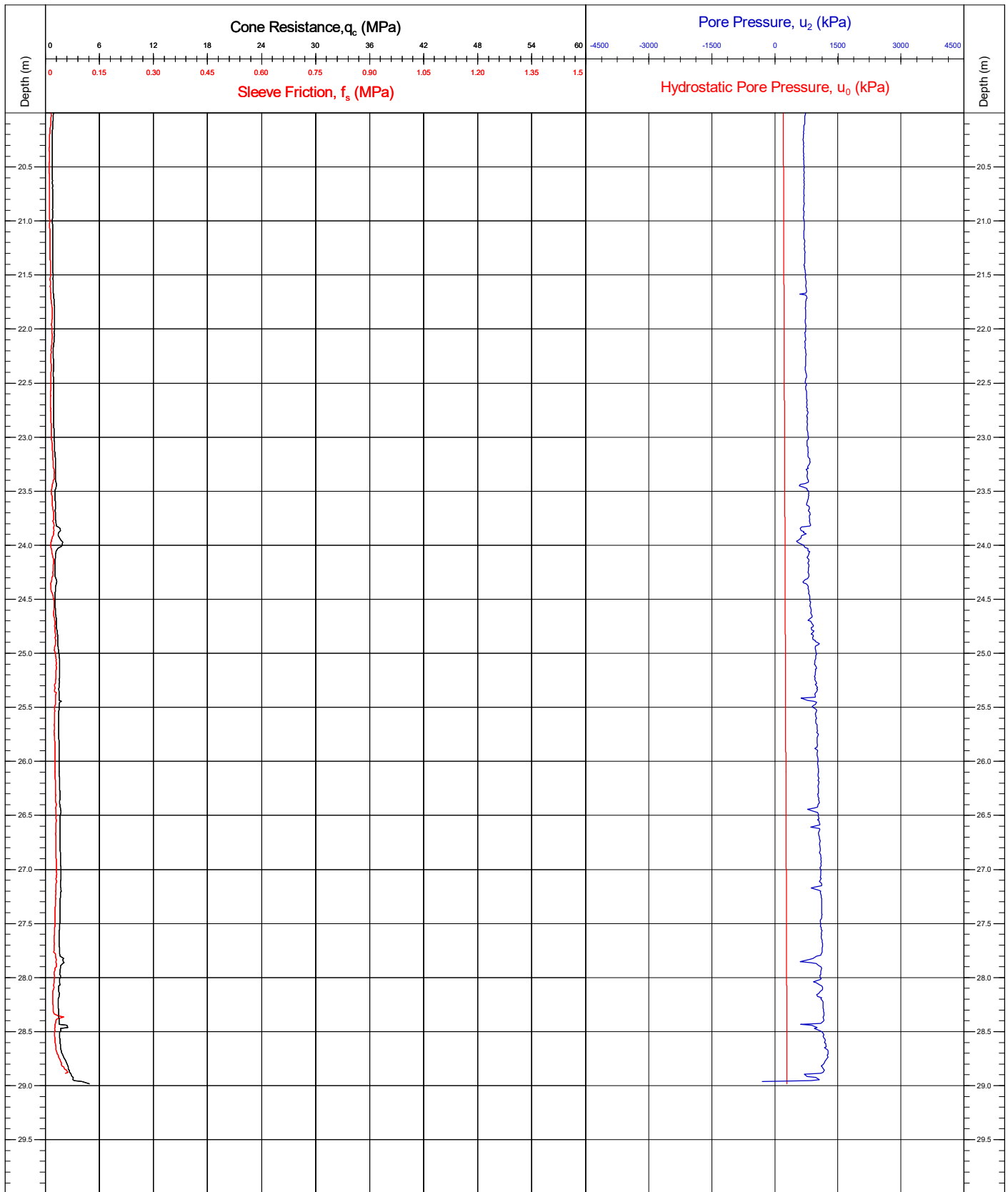


Area	Kattegat Sea	Coordinates	678760.10E 6261514.80N	CPT Number	
Contract	11596	Latitude / Longitude		CB10	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.04	Page: 2/3	
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status	
Comments: Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 0.1° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(26/04/2021)	(10/06/2021)

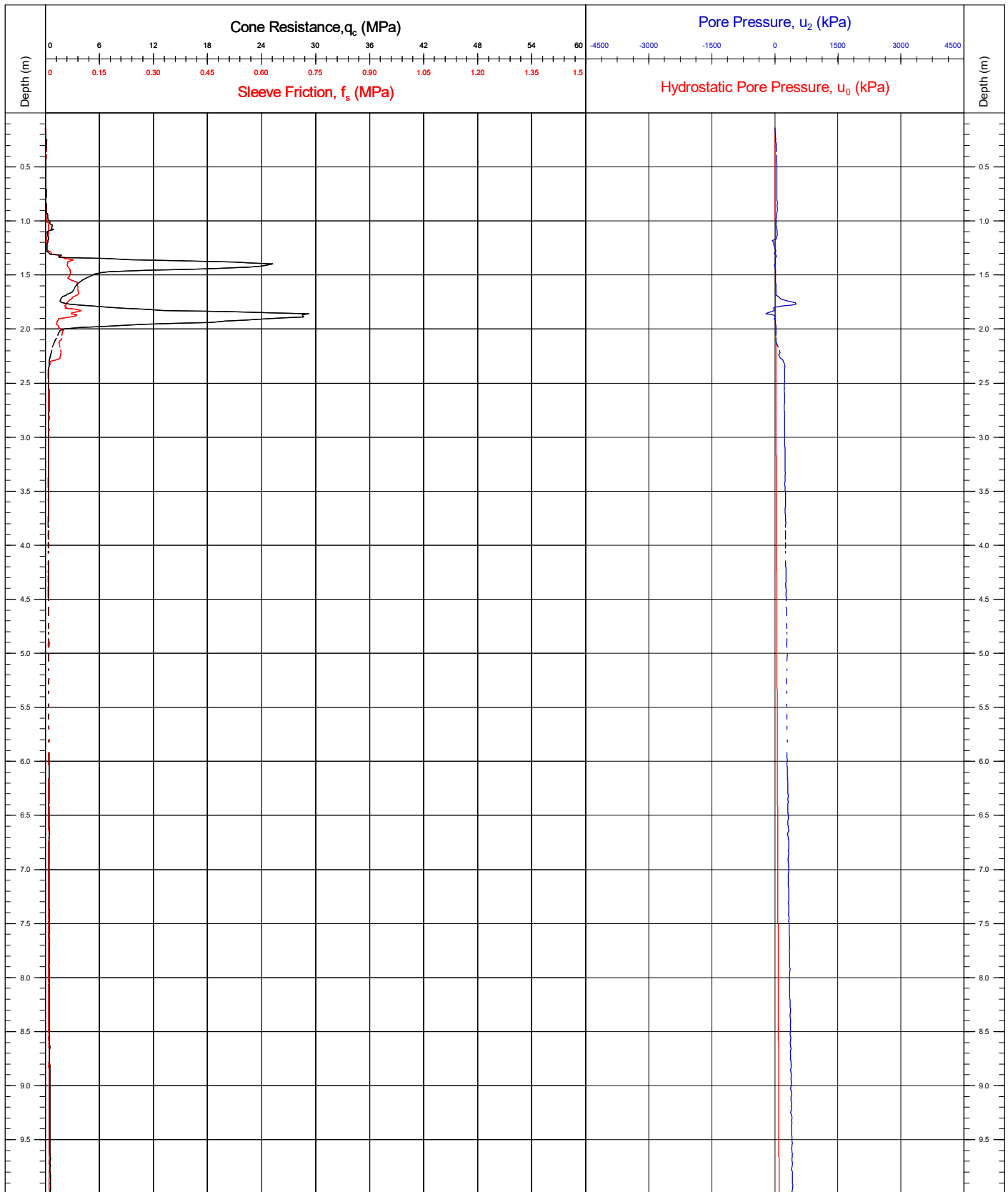


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	678760.10E 6261514.80N	CPT Number			
Contract	11596	Latitude / Longitude		CB10			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.04				
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	Page: 3/3			
<small>Comments: Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline</small>				QC Status			
				Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81		Preliminary
		Base Inclination	X = 0.1° / Y = 0.0°		JK/BC	DR	SMc
		CRS	ETRS89		(26/04/2021)	(10/06/2021)	(10/11/2021)

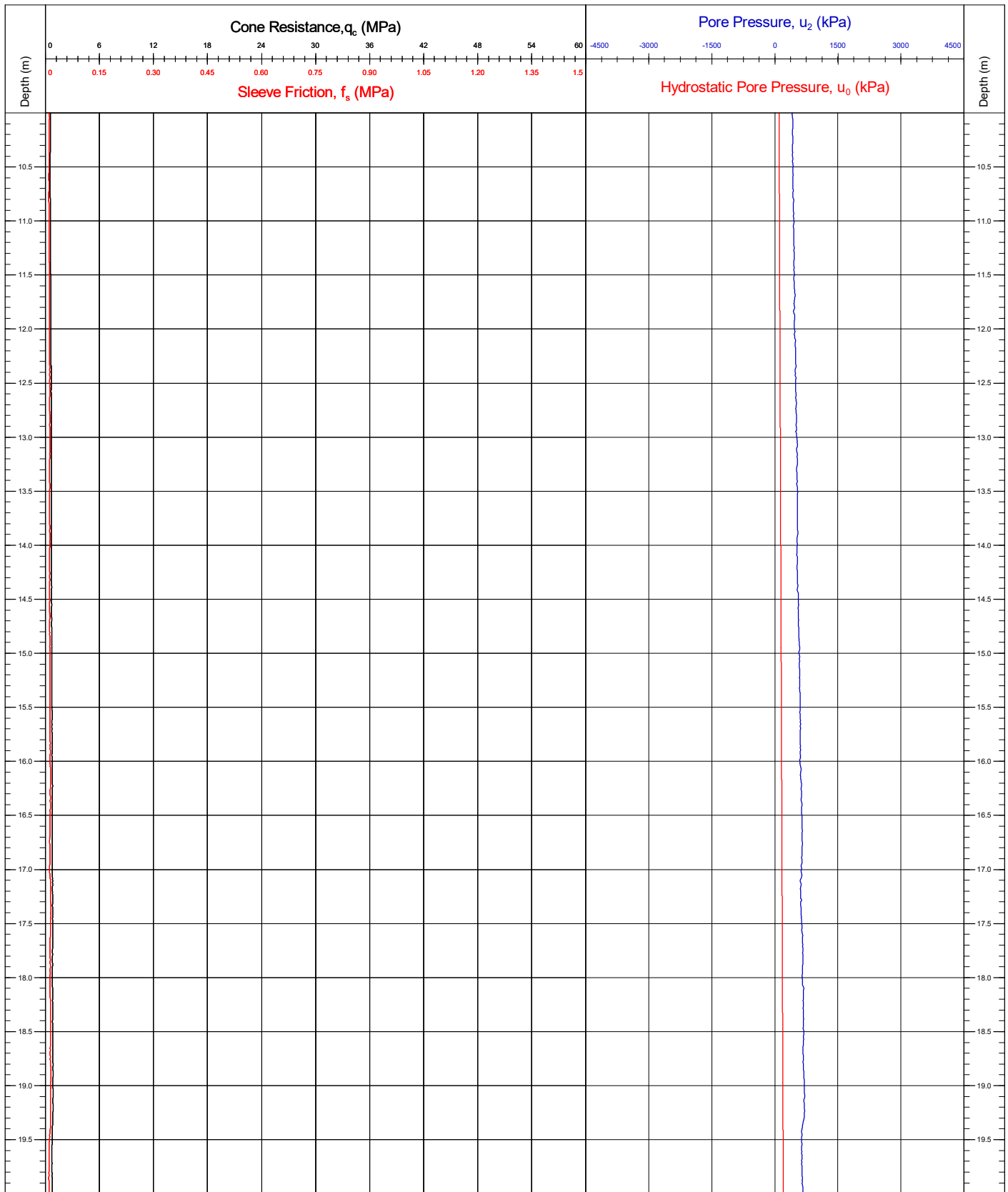


Area	Kattegat Sea	Coordinates	678372.40E 6256256.90N	CPT Number	
Contract	11596	Latitude / Longitude		CB11	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.40	Page: 1/3	
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status	
Comments: Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC DR SMC	
		CRS	ETRS89	(29/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

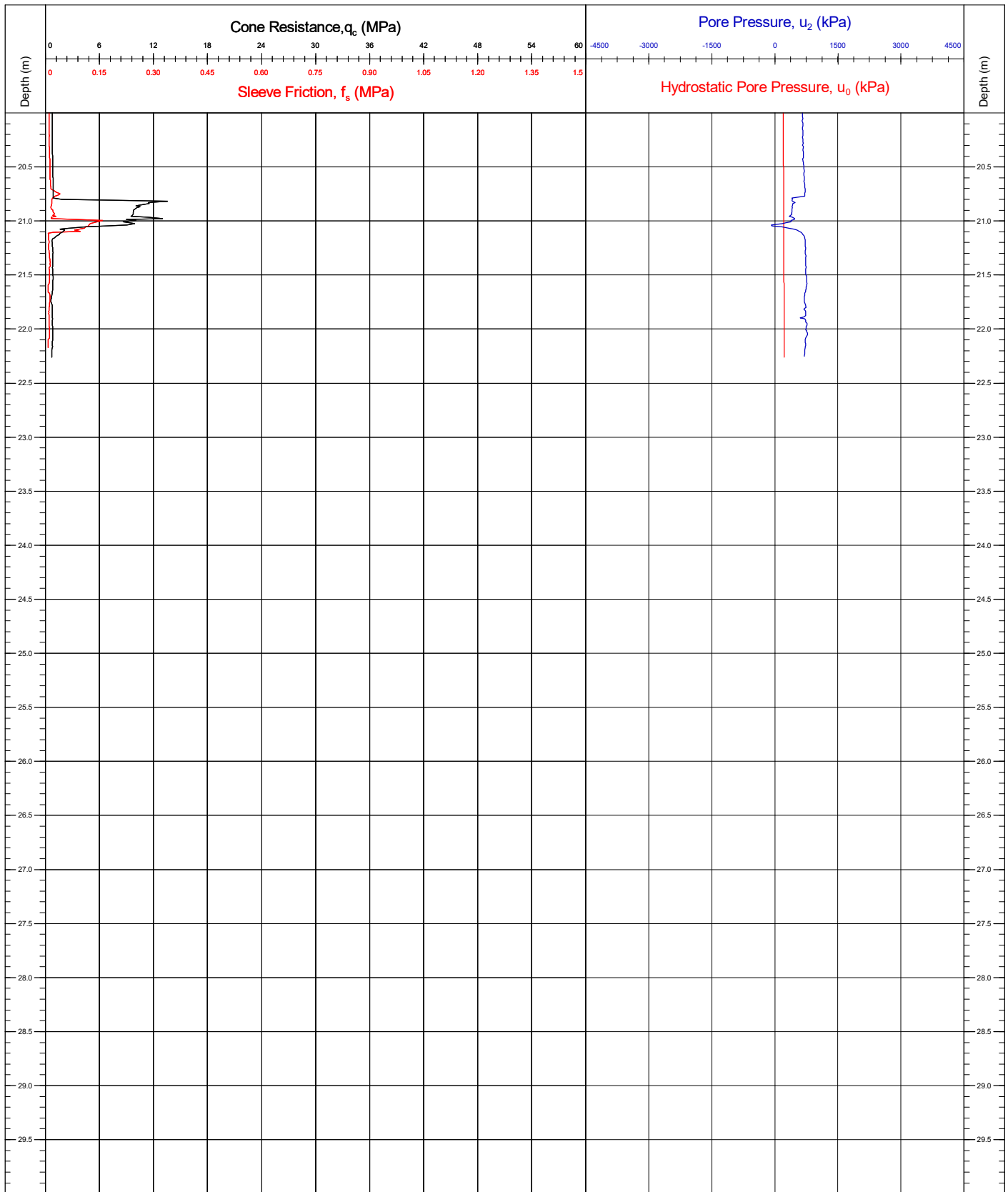


Area	Kattegat Sea	Coordinates	678372.40E 6256256.90N	CPT Number							
Contract	11596	Latitude / Longitude		CB11							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.40	Page: 2/3							
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status							
Comments: Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(29/04/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>		Preliminary	Draft	Final	JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
		Preliminary	Draft			Final					
		JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>			SMc <small>(10/11/2021)</small>					
Base Inclination	X = 0.0° / Y = 0.0°										
CRS	ETRS89										



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

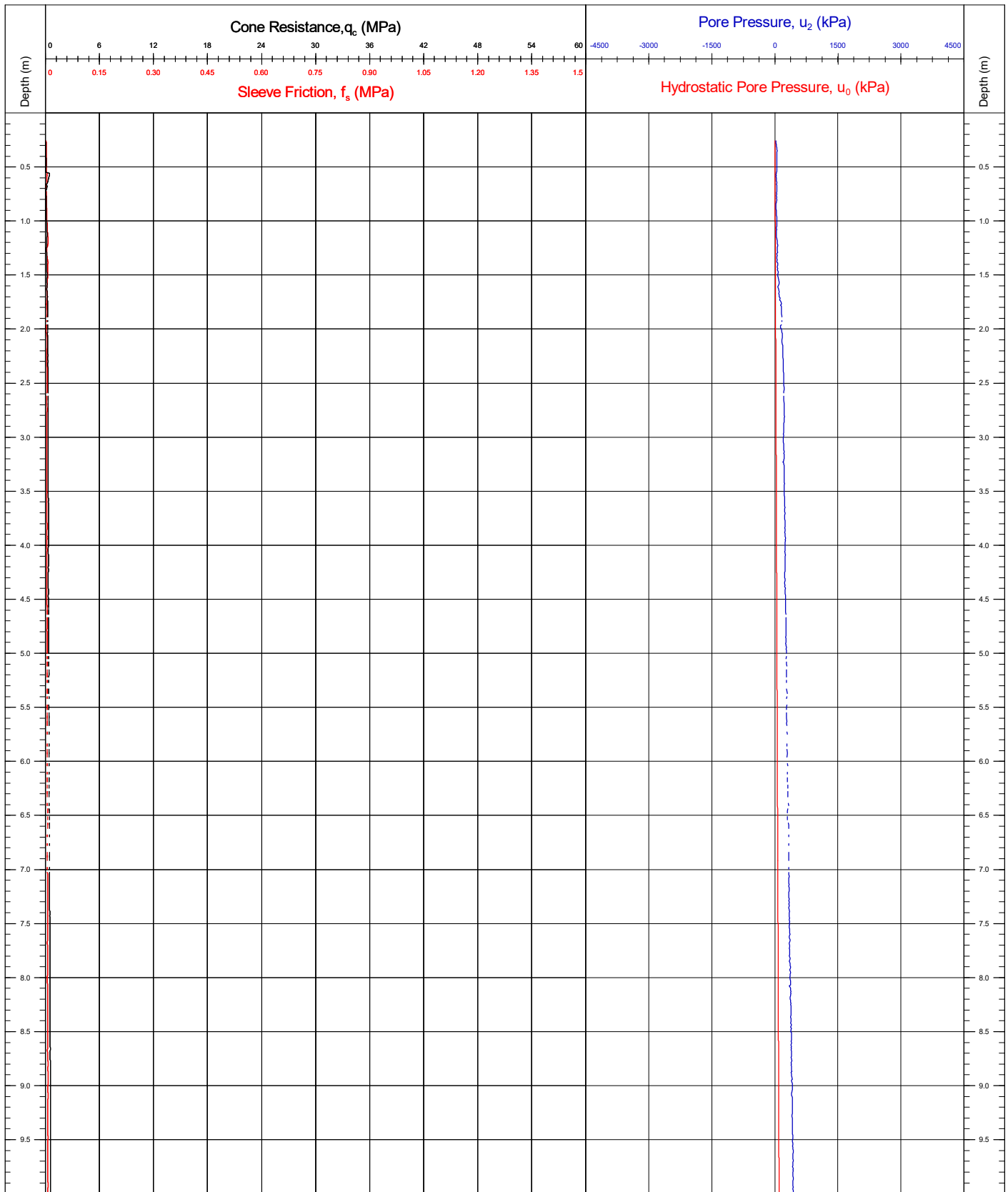


Area	Kattegat Sea	Coordinates	678372.40E	6256256.90N	CPT Number
Contract	11596	Latitude / Longitude			CB11
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.40		Page: 3/3
Vessel	MV Ocean Vantage	Date of Test	26/04/2021		QC Status
Comments: Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination					
		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8		
		Base Inclination	X = 0.0° / Y = 0.0°		
		CRS	ETRS89		
			Preliminary	Draft	Final
			JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

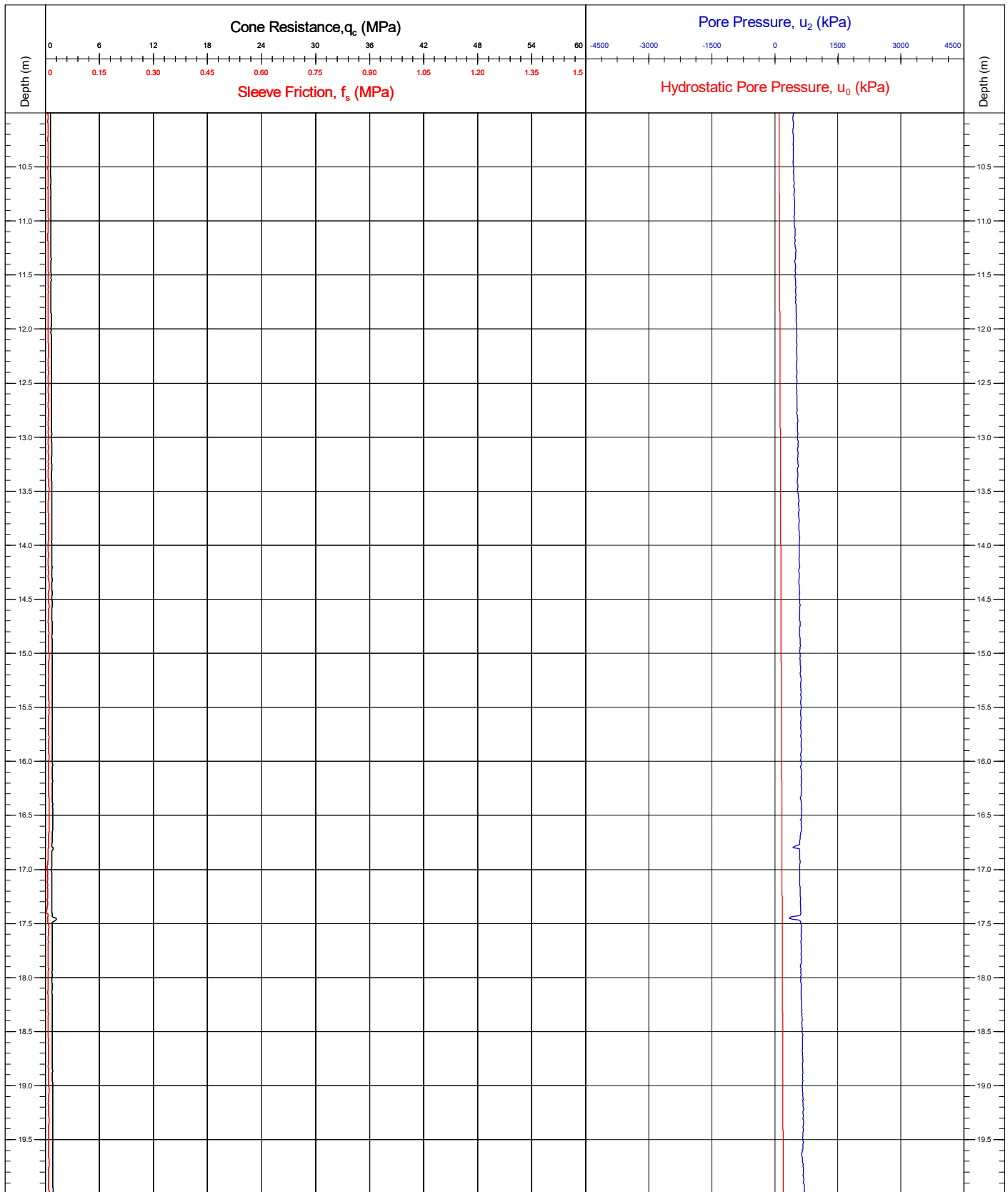


Area	Kattegat Sea	Coordinates	677450.30E 6270633.50N	CPT Number	
Contract	11596	Latitude / Longitude		CB12	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.79	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.9°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

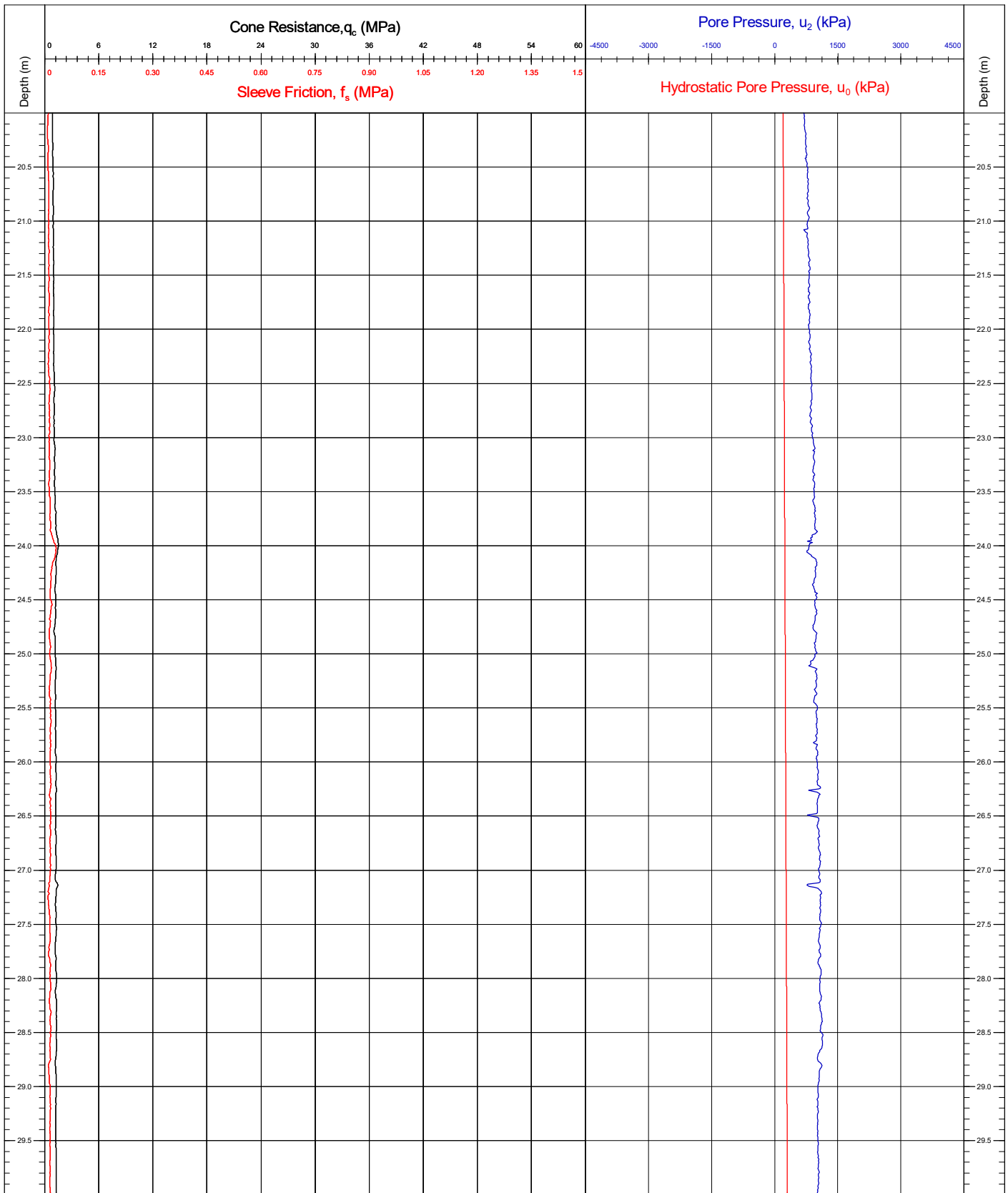


Area	Kattegat Sea	Coordinates	677450.30E 6270633.50N	CPT Number CB12		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.79	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary		
		Base Inclination	X = 1.2° / Y = 0.9°	Draft		
		CRS	ETRS89	Final		
				JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

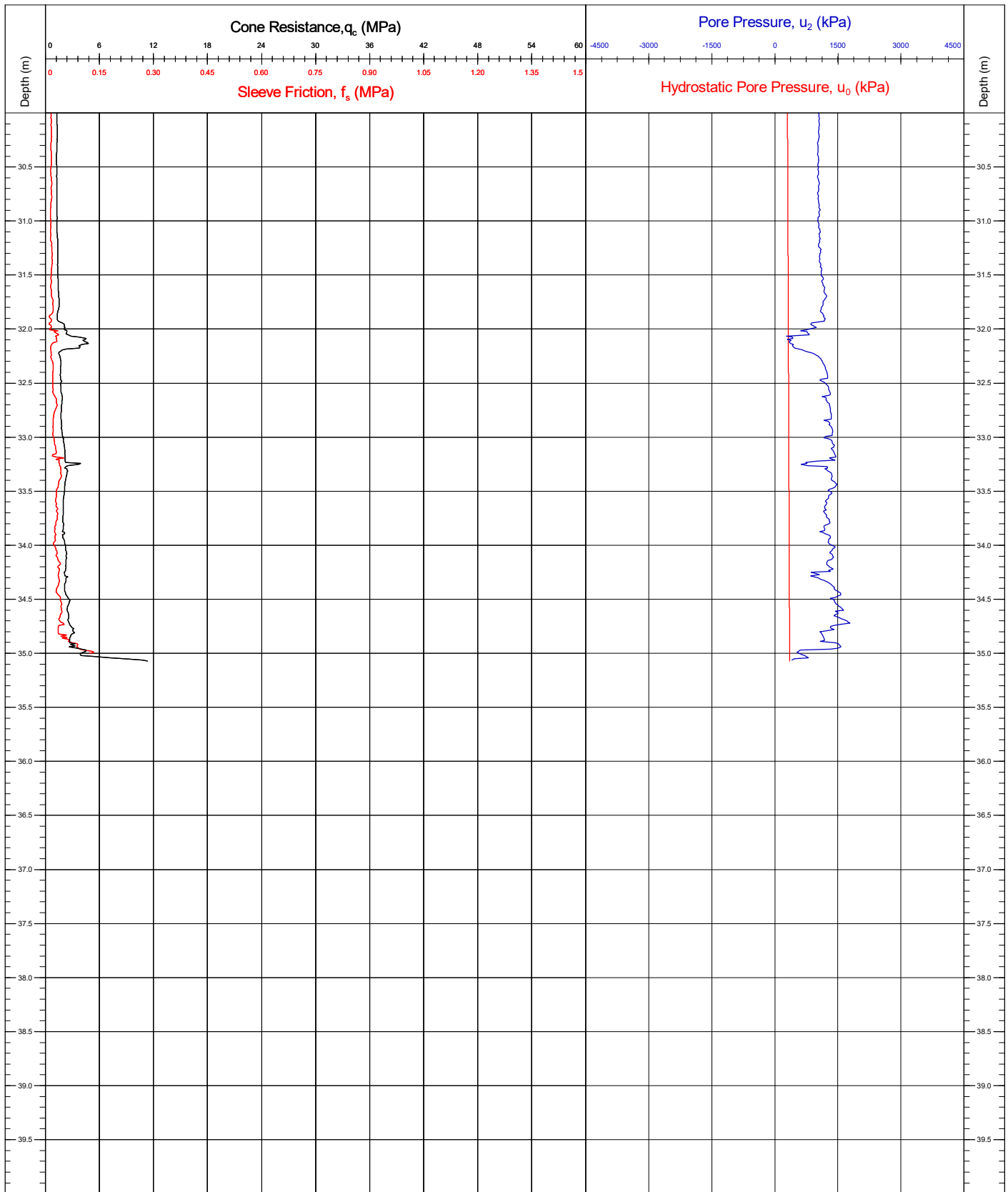


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	677450.30E 6270633.50N	CPT Number		
Contract	11596	Latitude / Longitude		CB12		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.79			
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 3/4		
Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend				QC Status		
				Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary
				Base Inclination		
				X = 1.2° / Y = 0.9°		
CRS ETRS89				JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

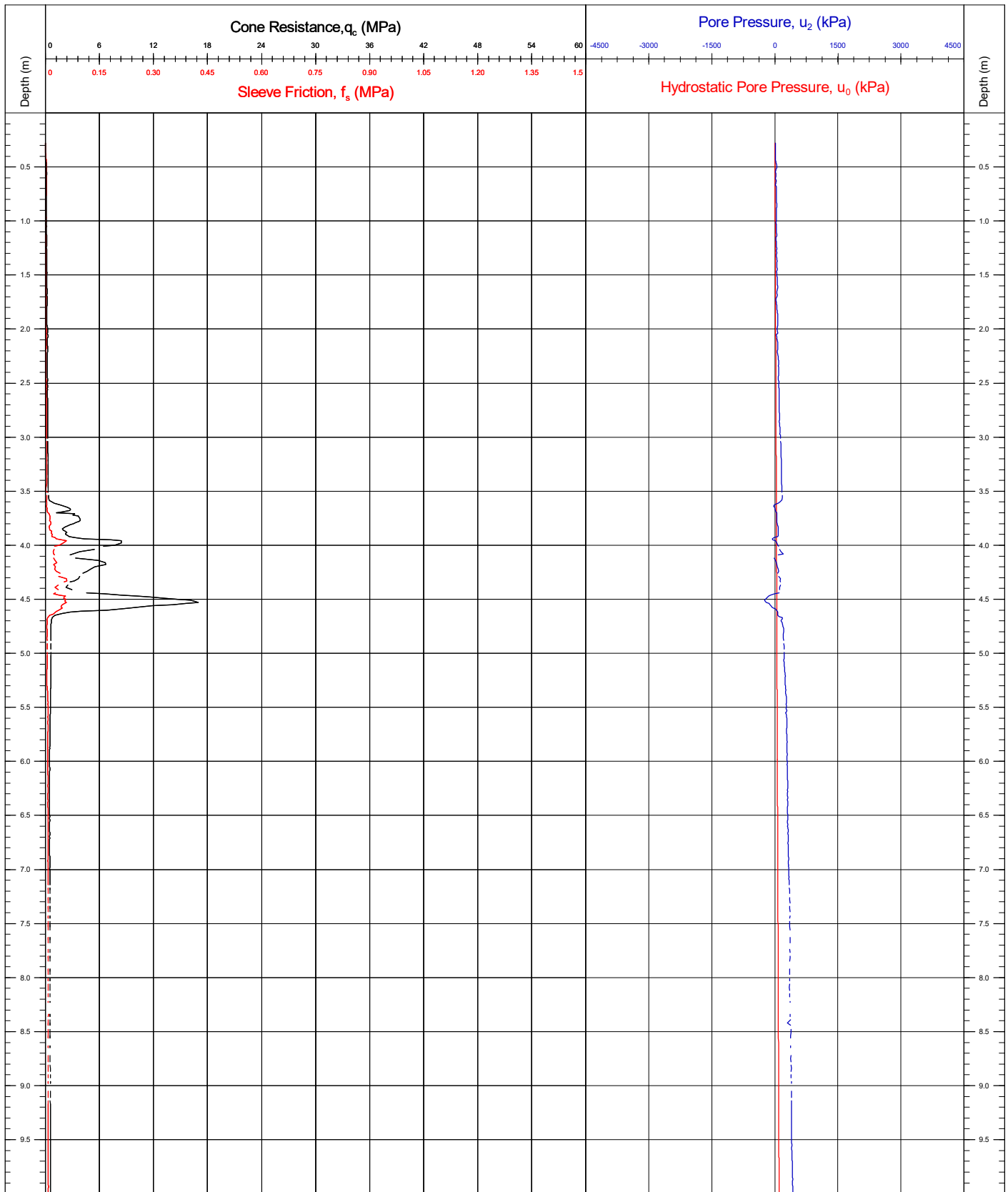


Area	Kattegat Sea	Coordinates	677450.30E 6270633.50N	CPT Number							
Contract	11596	Latitude / Longitude		CB12							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.79	Page: 4/4							
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status							
Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC (01/05/2021)</td> <td style="text-align: center;">DR (10/06/2021)</td> <td style="text-align: center;">SMc (10/11/2021)</td> </tr> </table>		Preliminary	Draft	Final	JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
		Preliminary	Draft			Final					
		JK/BC (01/05/2021)	DR (10/06/2021)			SMc (10/11/2021)					
Base Inclination	X = 1.2° / Y = 0.9°										
CRS	ETRS89										



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

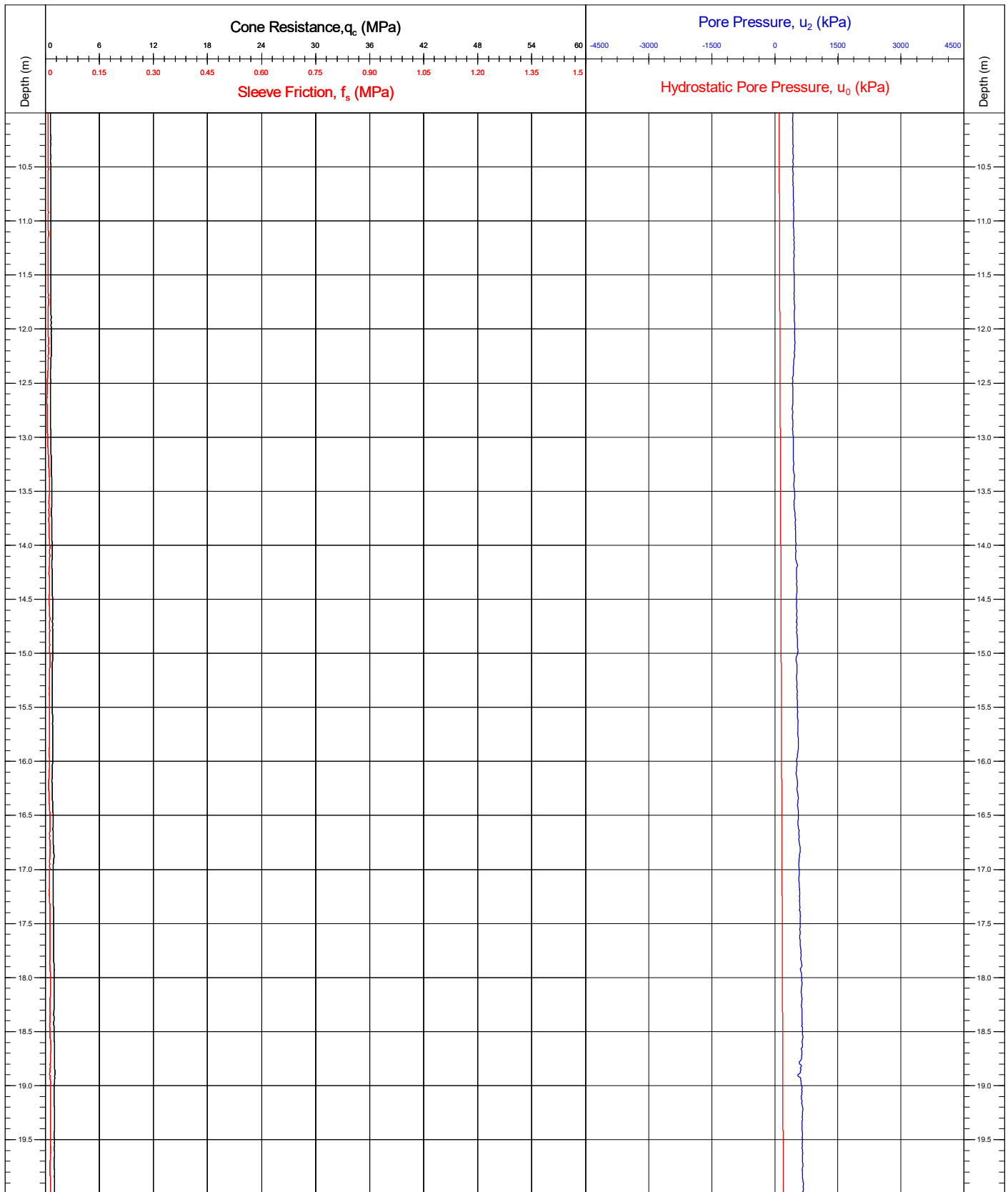


Area	Kattegat Sea	Coordinates	670639.50E 6262910.50N	CPT Number	
Contract	11596	Latitude / Longitude		CB13	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.98	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(30/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

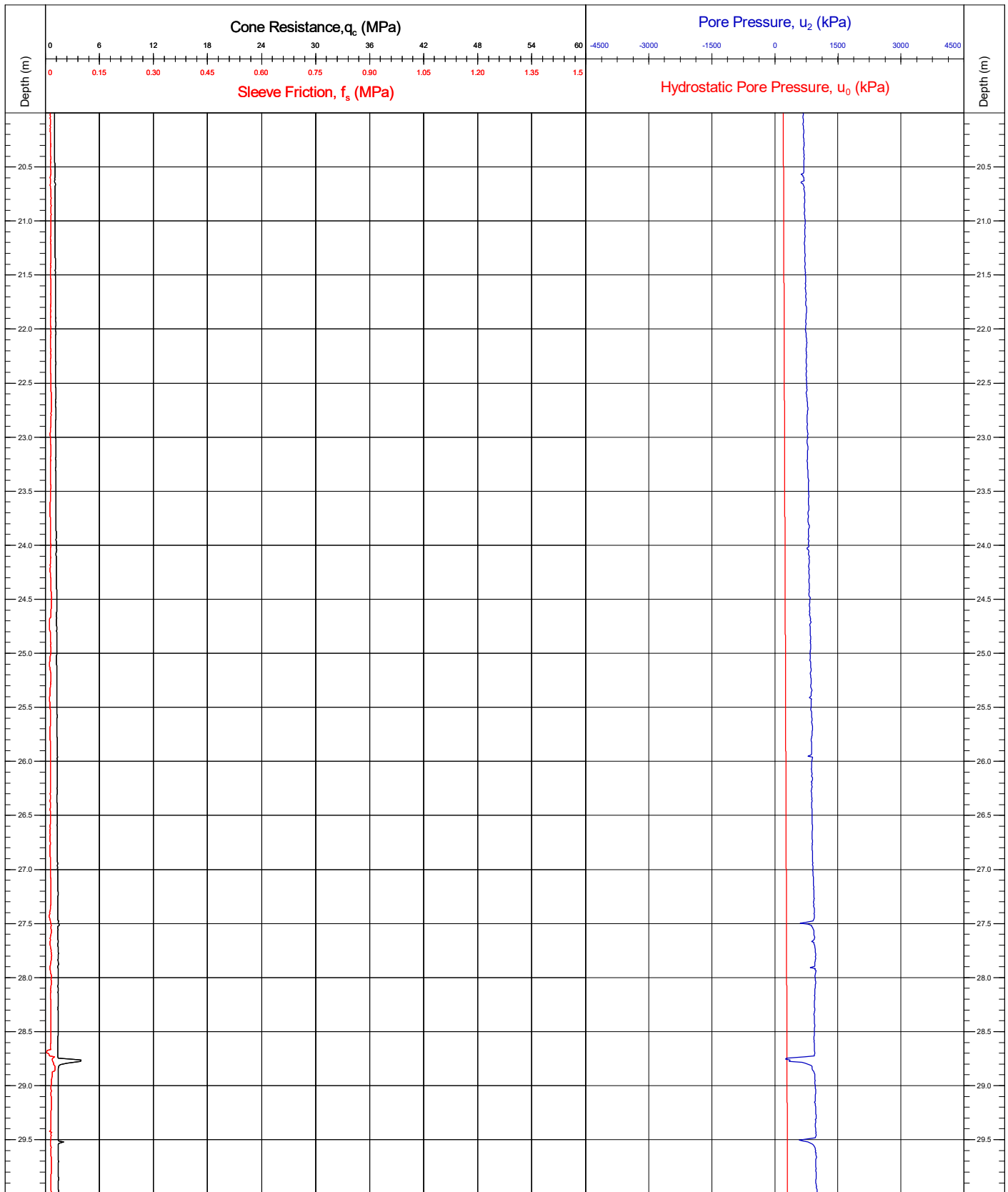


Area	Kattegat Sea	Coordinates	670639.50E 6262910.50N	CPT Number		
Contract	11596	Latitude / Longitude		CB13		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.98	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final		
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR	SMc
		CRS	ETRS89	(30/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

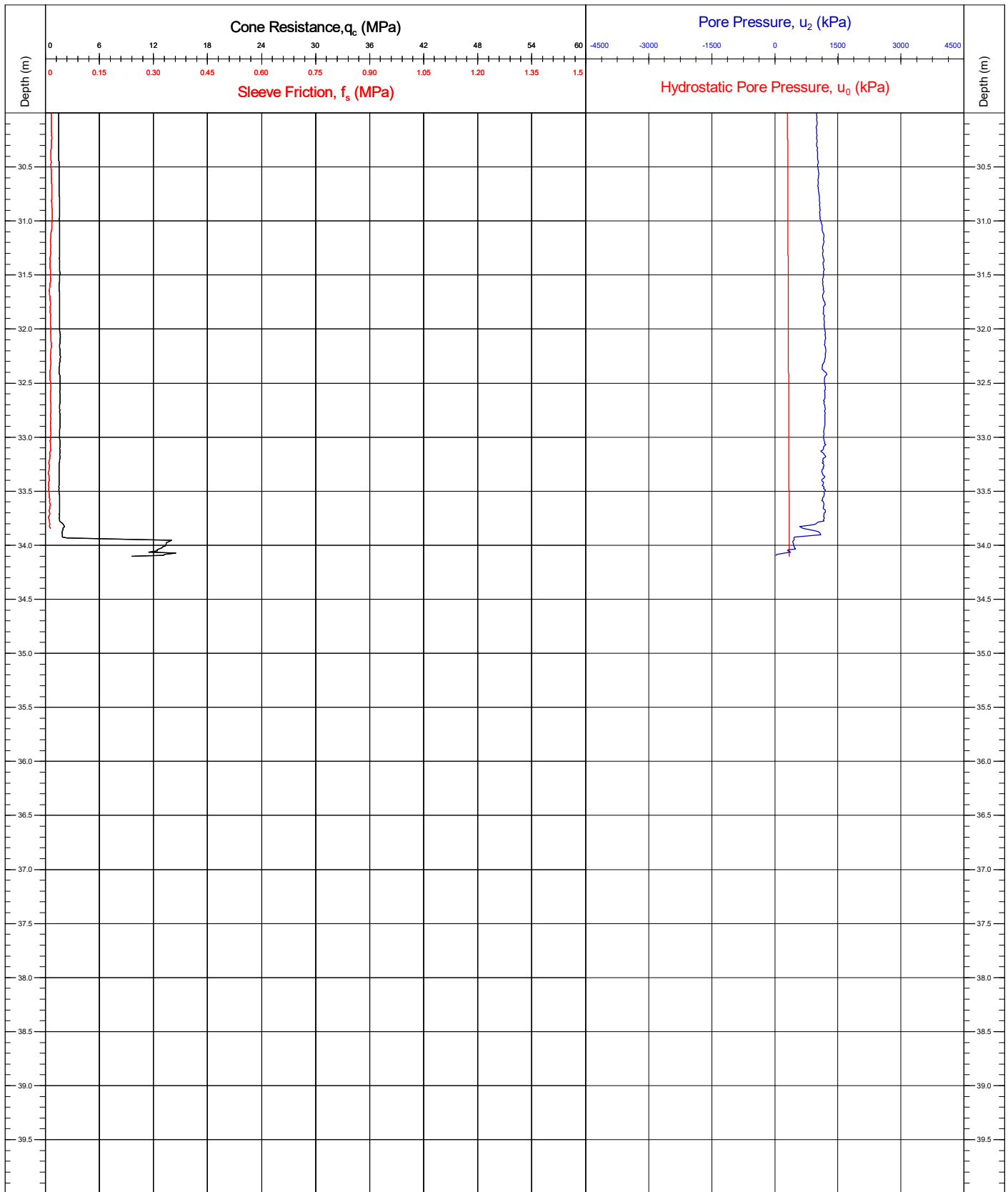


Area	Kattegat Sea	Coordinates	670639.50E	6262910.50N	CPT Number
Contract	11596	Latitude / Longitude			CB13
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.98		Page: 3/4
Vessel	MV Ocean Vantage	Date of Test	30/04/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
			JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

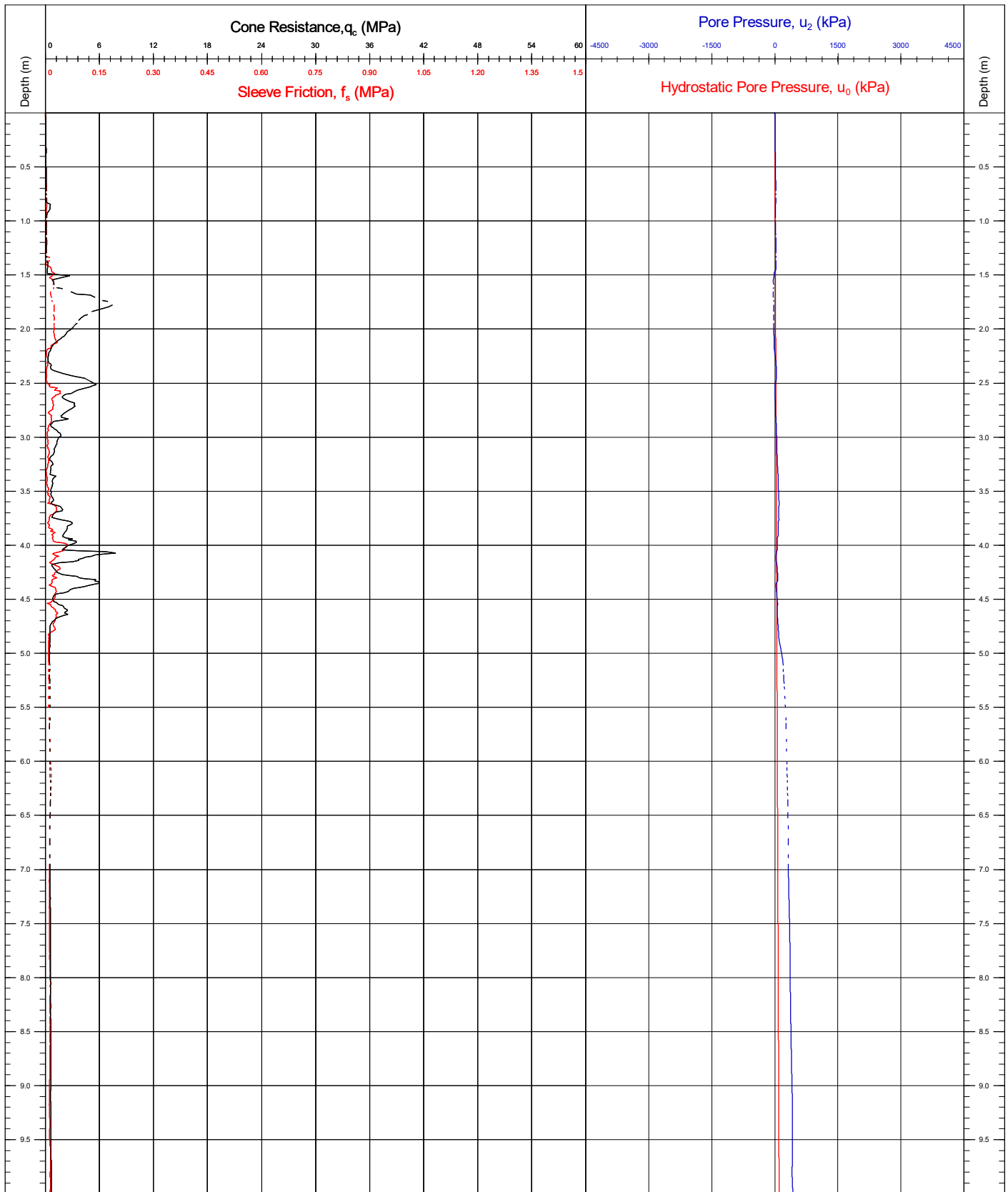


Area	Kattegat Sea	Coordinates	670639.50E 6262910.50N	CPT Number		
Contract	11596	Latitude / Longitude		CB13		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.98			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 4/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend</small>				QC Status		
				Cone No.(size)/ α Factor 181004 (10cm²) / 0.81		
Base Inclination				X = 1.1° / Y = 1.0°		
CRS				ETRS89		
		Preliminary	Draft	Final		
		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

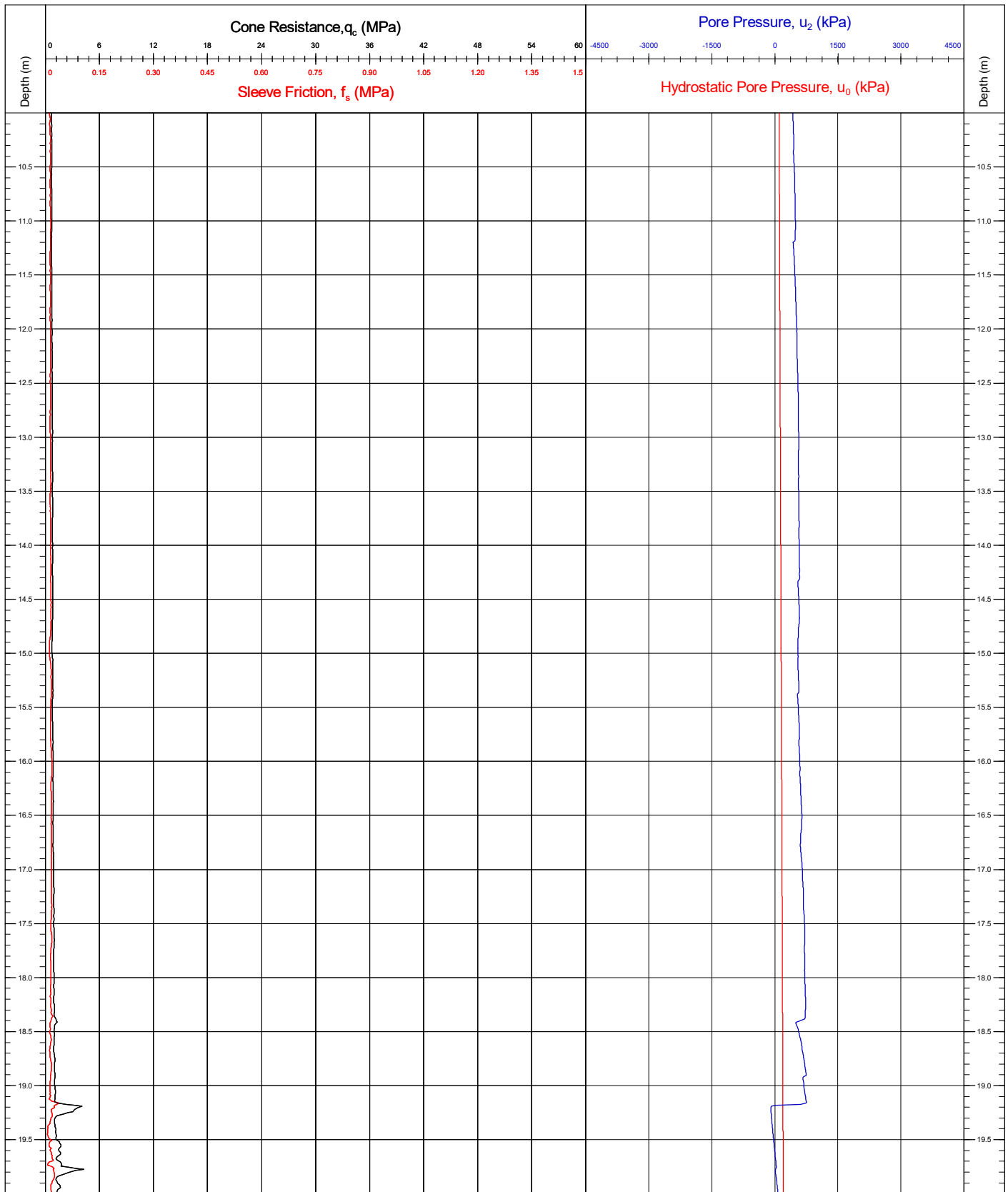


Area	Kattegat Sea	Coordinates	680529.90E 6252844.10N	CPT Number			
Contract	11596	Latitude / Longitude		CB14			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63				
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 1/3			
Comments: Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination				QC Status			
				Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78		
		Base Inclination	X = 0.0° / Y = -0.1°		Preliminary	Draft	Final
CRS ETRS89					JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

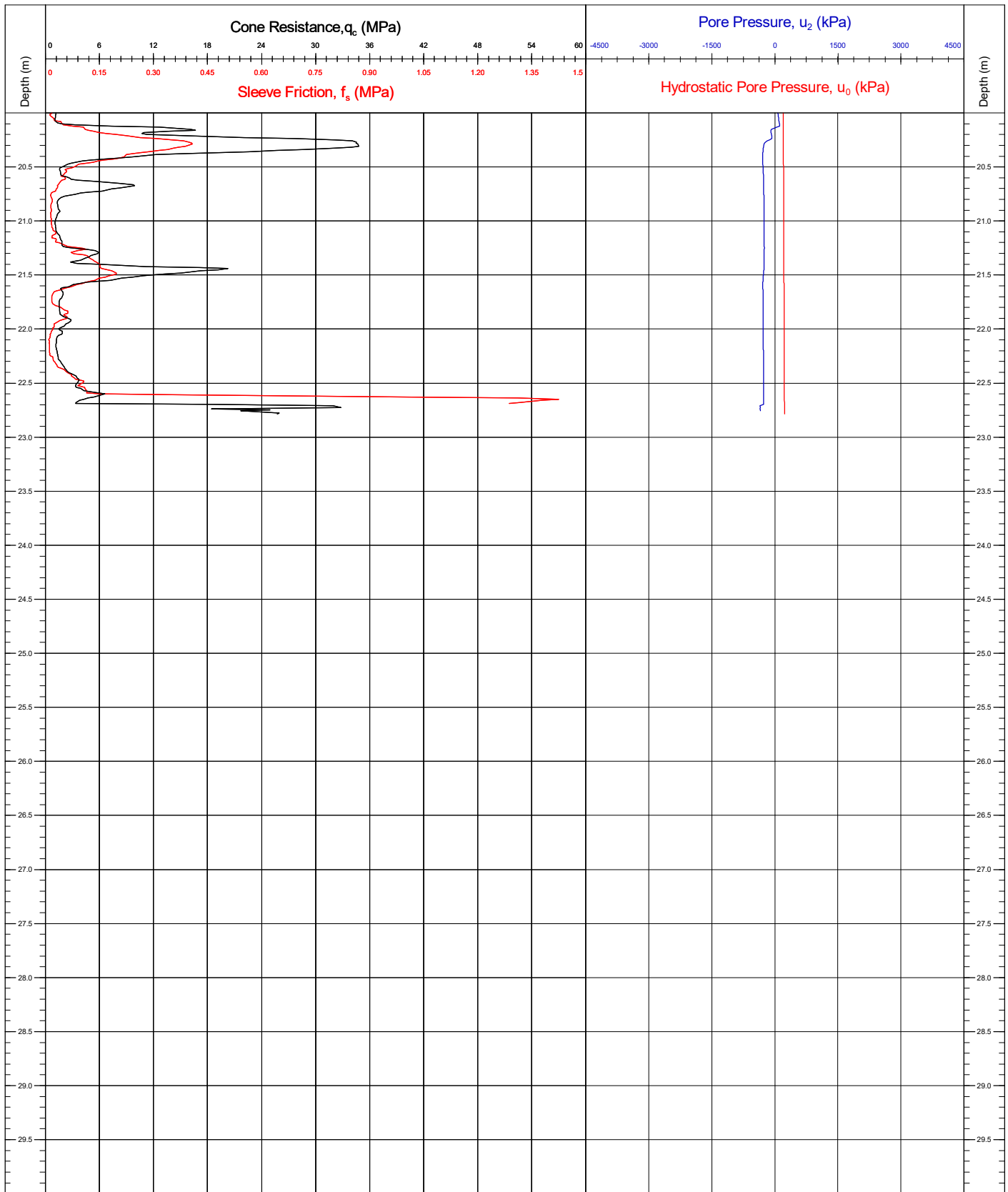


Area	Kattegat Sea	Coordinates	680529.90E 6252844.10N	CPT Number			
Contract	11596	Latitude / Longitude		CB14			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63				
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 2/3			
Comments: Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination				QC Status			
				Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78		
		Base Inclination	X = 0.0° / Y = -0.1°		Preliminary	Draft	Final
CRS		ETRS89			JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

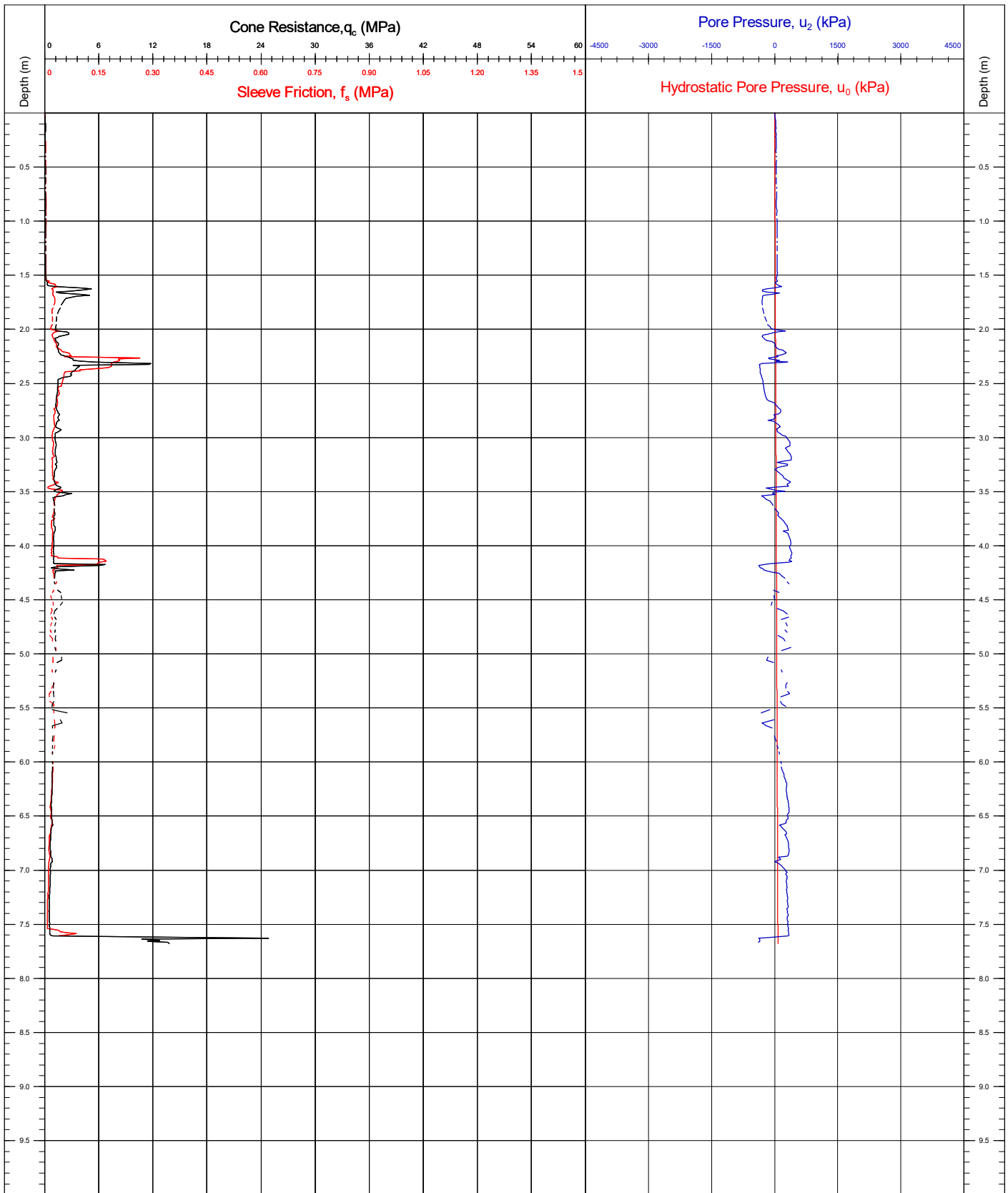


Area	Kattegat Sea	Coordinates	680529.90E 6252844.10N	CPT Number	
Contract	11596	Latitude / Longitude		CB14	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status	
Comments: Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination		Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = -0.1°	JK/BC DR SMC	
		CRS	ETRS89	(27/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

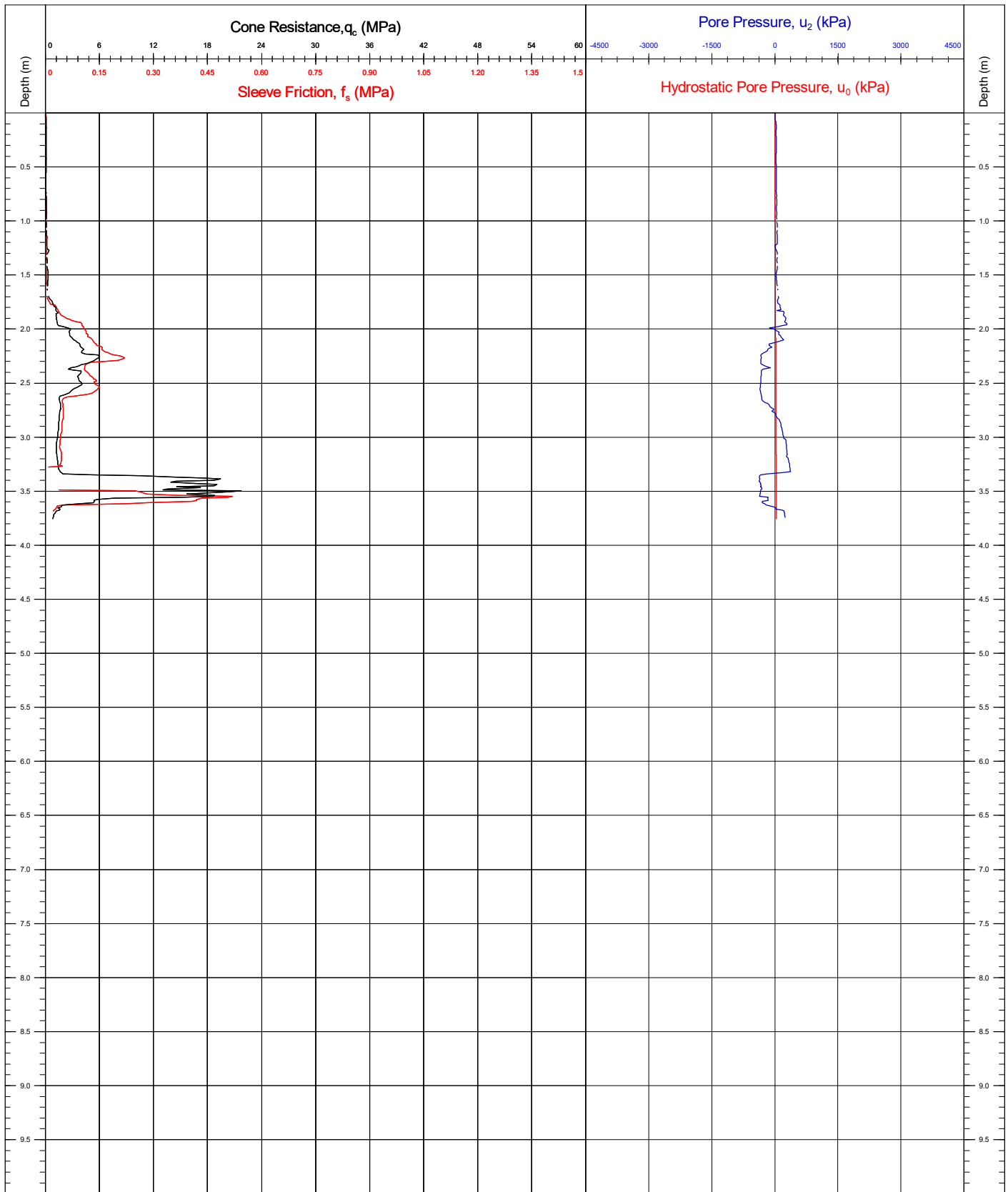


Area	Kattegat Sea	Coordinates	676134.10E	6251059.50N	CPT Number		
Contract	11596	Latitude / Longitude			CPT3		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.14				
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		Page: 1/1		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 7.68m. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

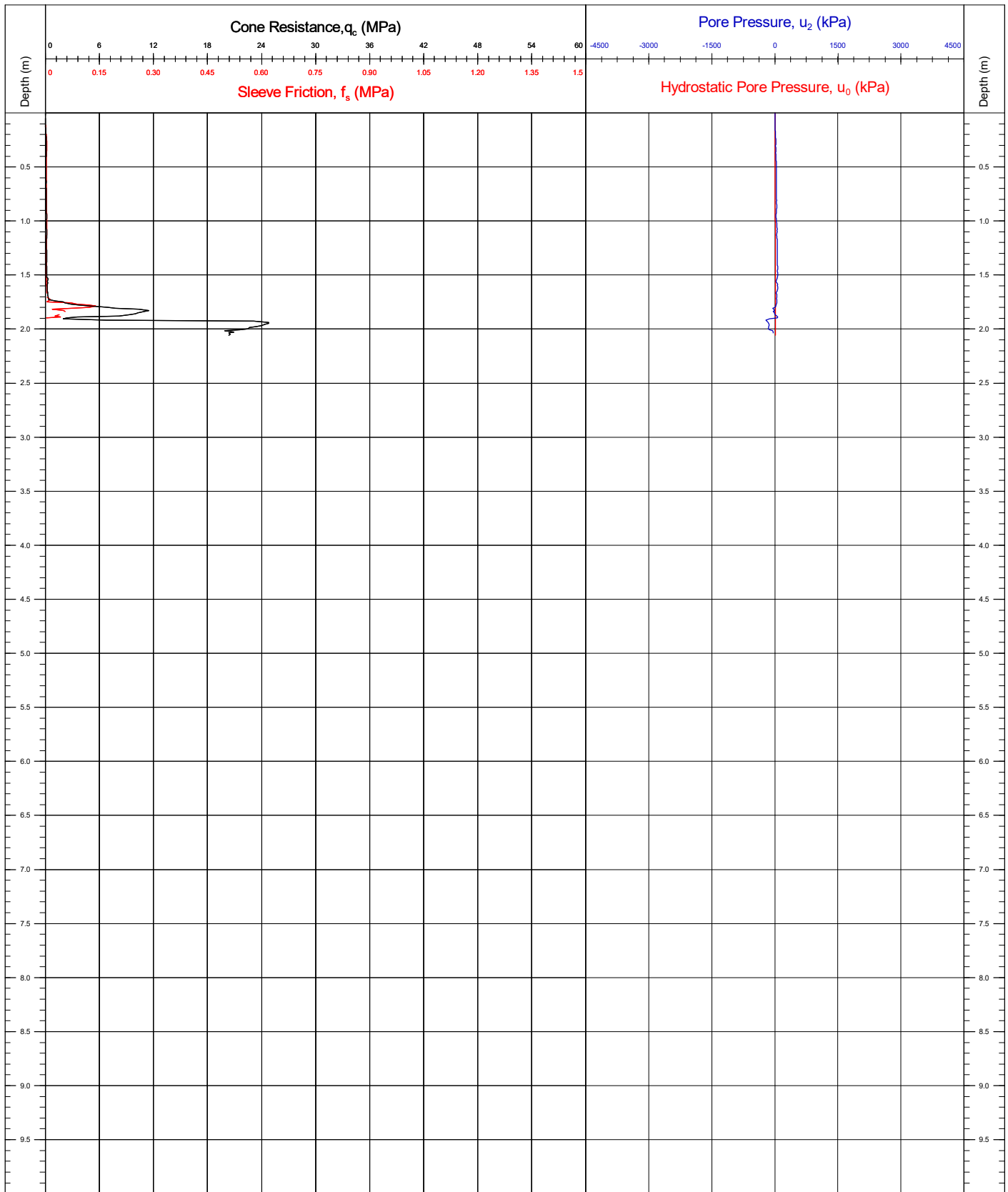


Area	Kattegat Sea	Coordinates	676134.20E	6251054.30N	CPT Number		
Contract	11596	Latitude / Longitude			CPT3a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.17				
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		Page: 1/1		
<small>Comments: Cone class 4. Bumpover location. Deck to deck offset readings are shared between 3a and 3b. Continuous seabed CPT. Final depth 3.55m. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance</small>		Cone No.(size)/ α Factor	181007 (10cm ²) / 0.72		QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

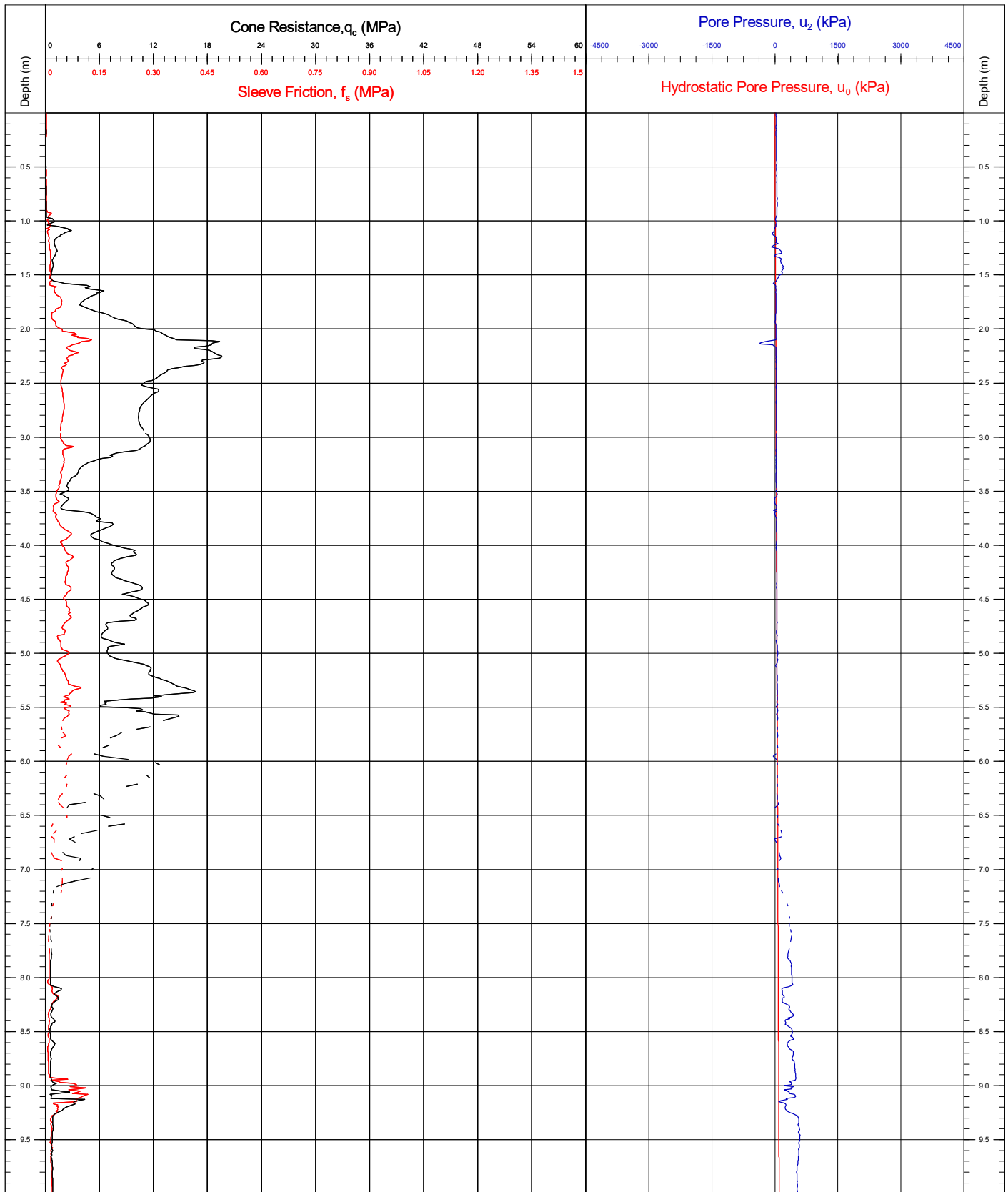


Area	Kattegat Sea	Coordinates	676133.70E 6251066.70N	CPT Number		
Contract	11596	Latitude / Longitude		CPT3b		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.15	Page: 1/1		
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Bumpover location. Final depth 1.96m. Deck to deck offsets are taken at a 5m reference level above seabed. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance		Cone No.(size)/ α Factor	181007 (10cm ²) / 0.72			
		Base Inclination	X = 0.0° / Y = 0.0°			
		CRS	ETRS89	Preliminary	Draft	Final
				JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

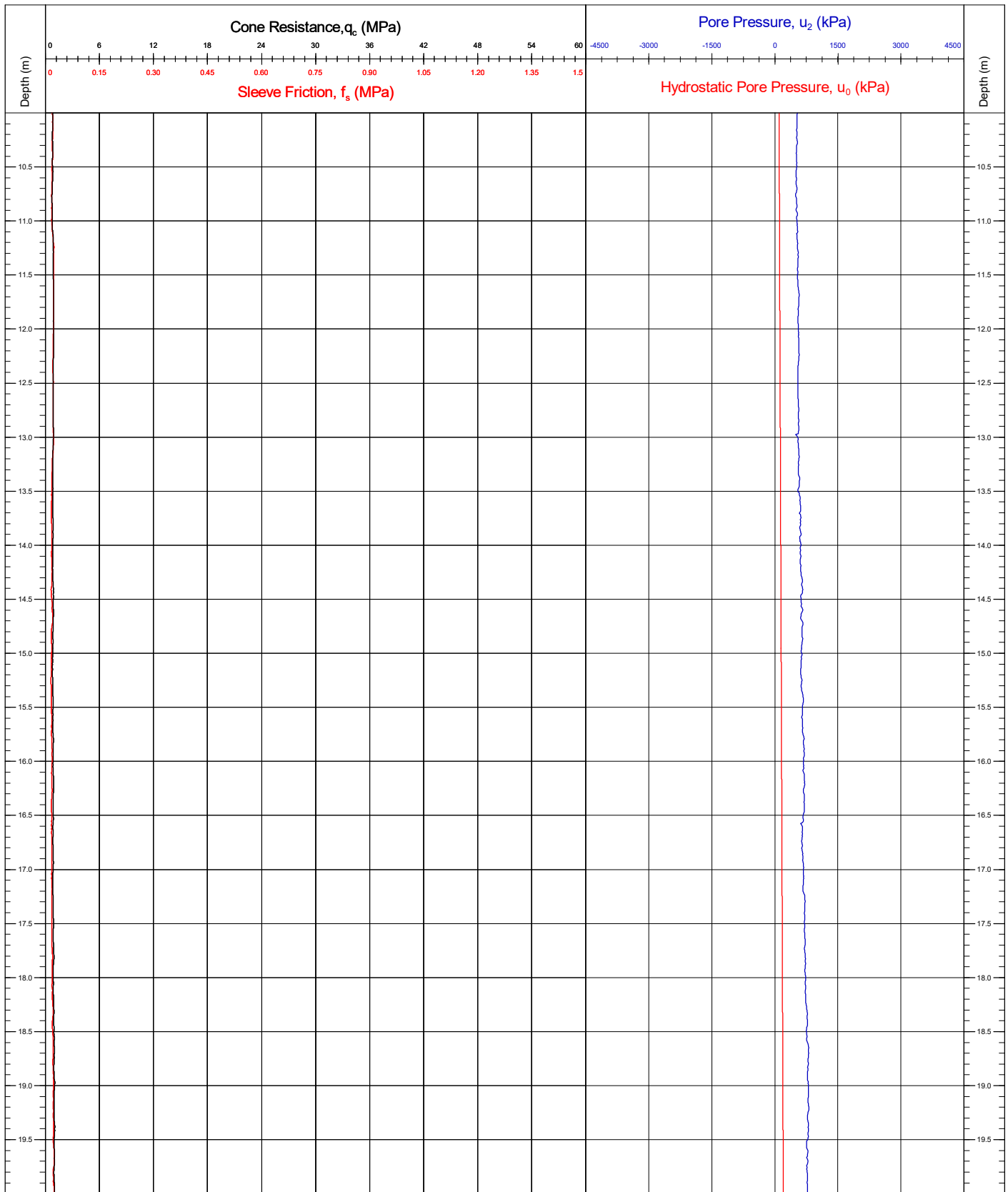


Area	Kattegat Sea	Coordinates	679806.40E 6251702.40N	CPT Number			
Contract	11596	Latitude / Longitude		CPT4			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22				
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 1/4			
<small>Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment</small>				QC Status			
				Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76		
		Base Inclination	X = 0.0° / Y = 0.1°		Preliminary	Draft	Final
CRS		ETRS89		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

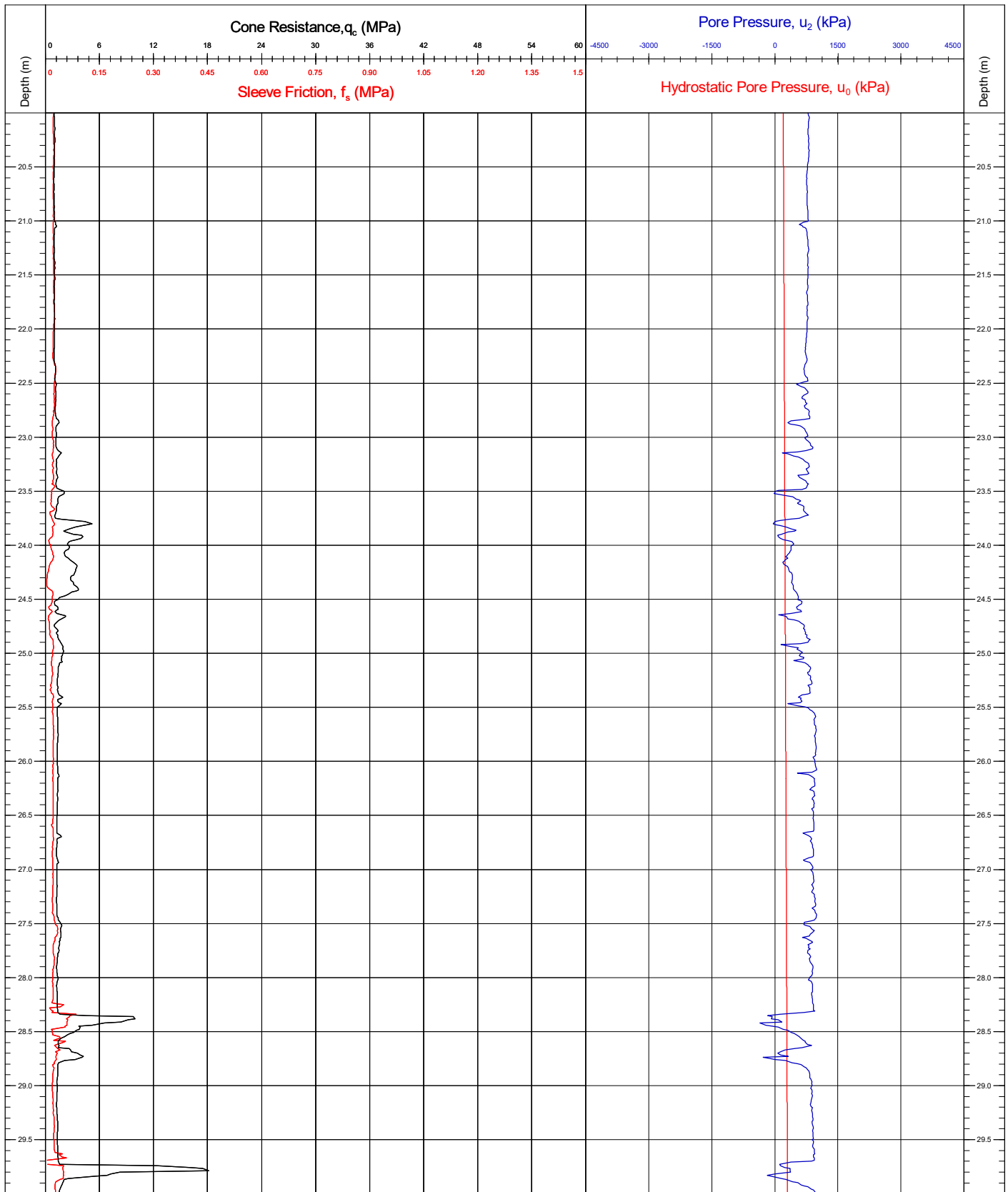


Area	Kattegat Sea	Coordinates	679806.40E 6251702.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT4		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 2/4		
<small>Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment</small>		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.1°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

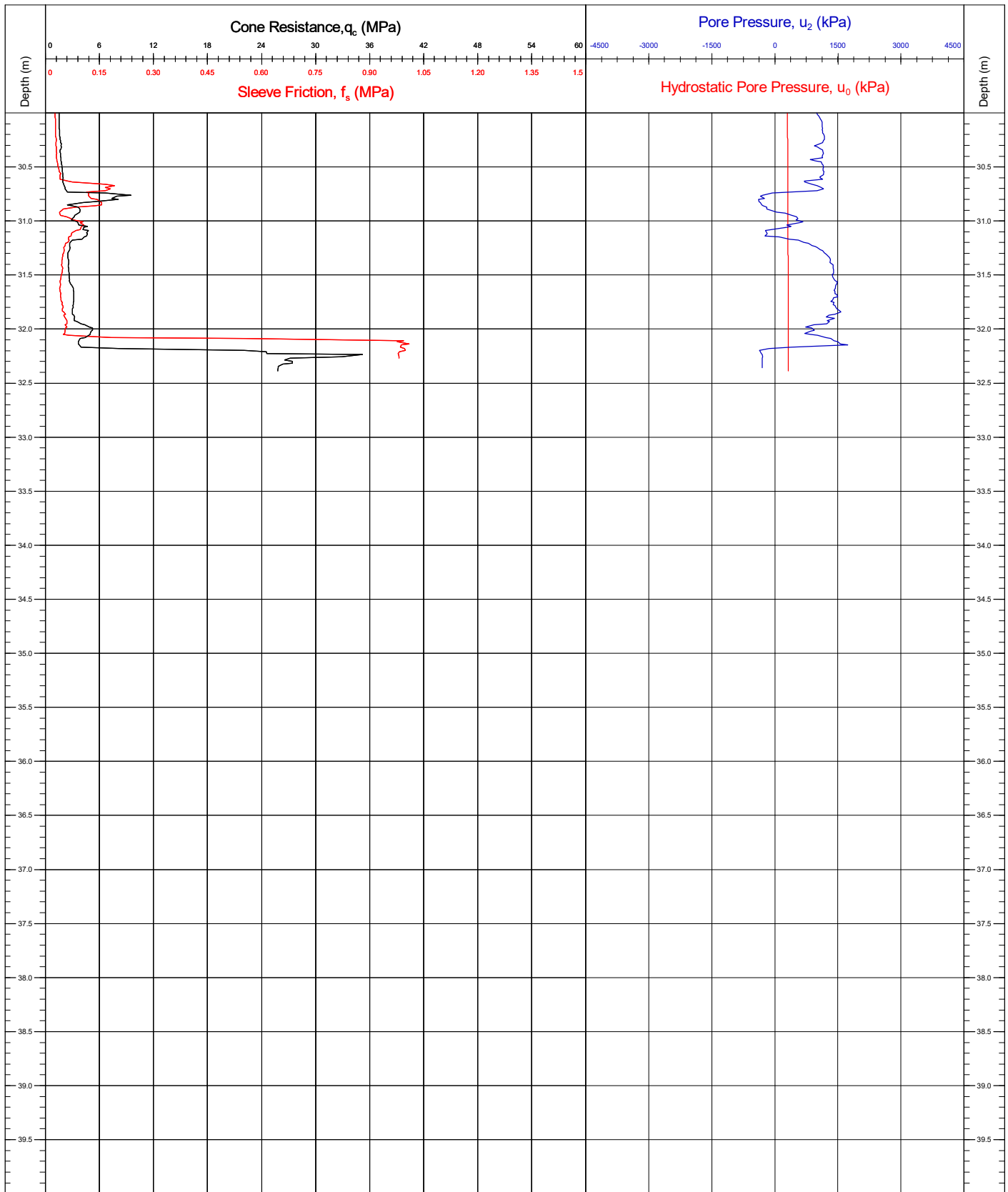


Area	Kattegat Sea	Coordinates	679806.40E 6251702.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT4		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 3/4		
<small>Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment</small>		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.1°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)

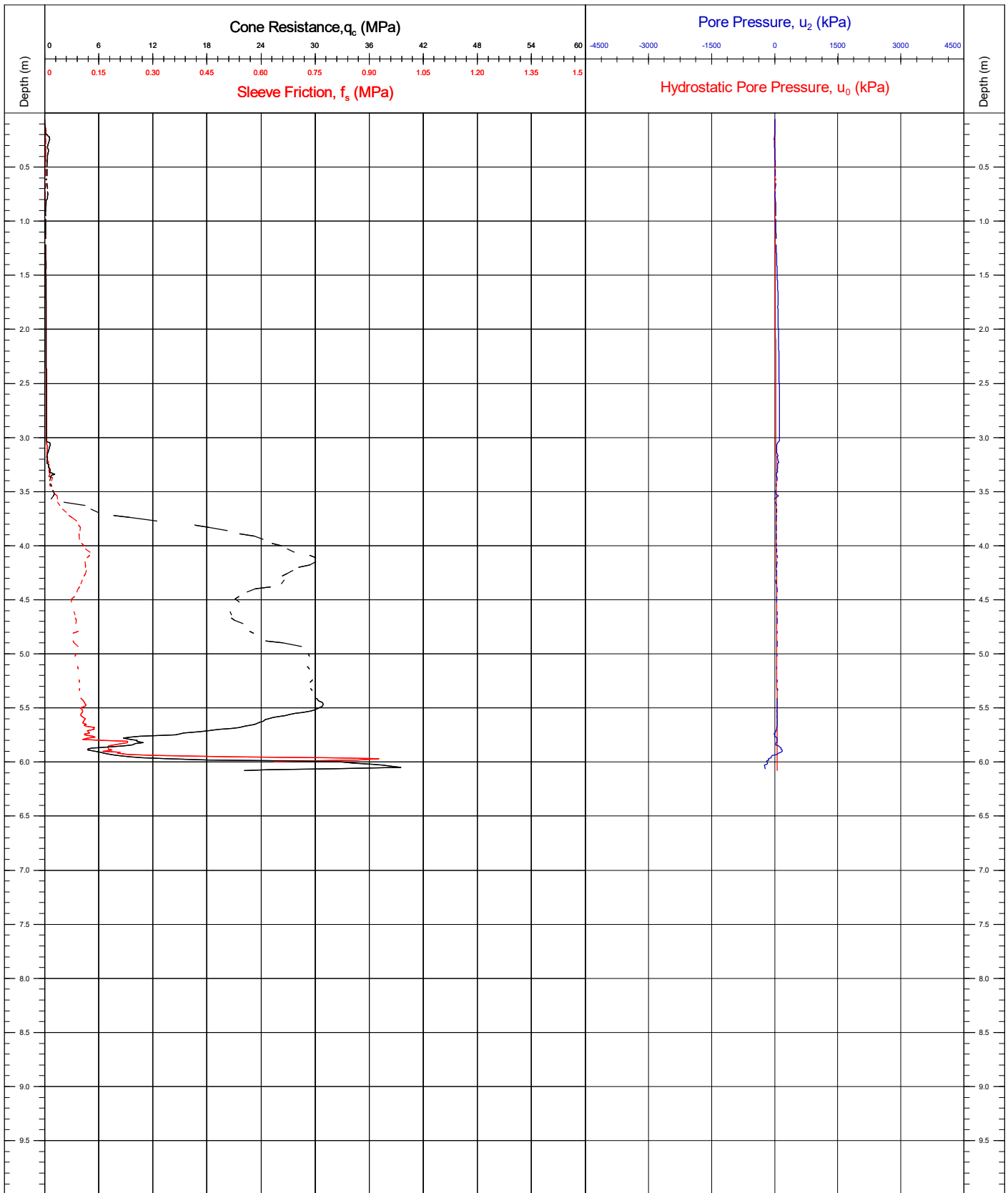


Preliminary Investigation, Hesselø OWF

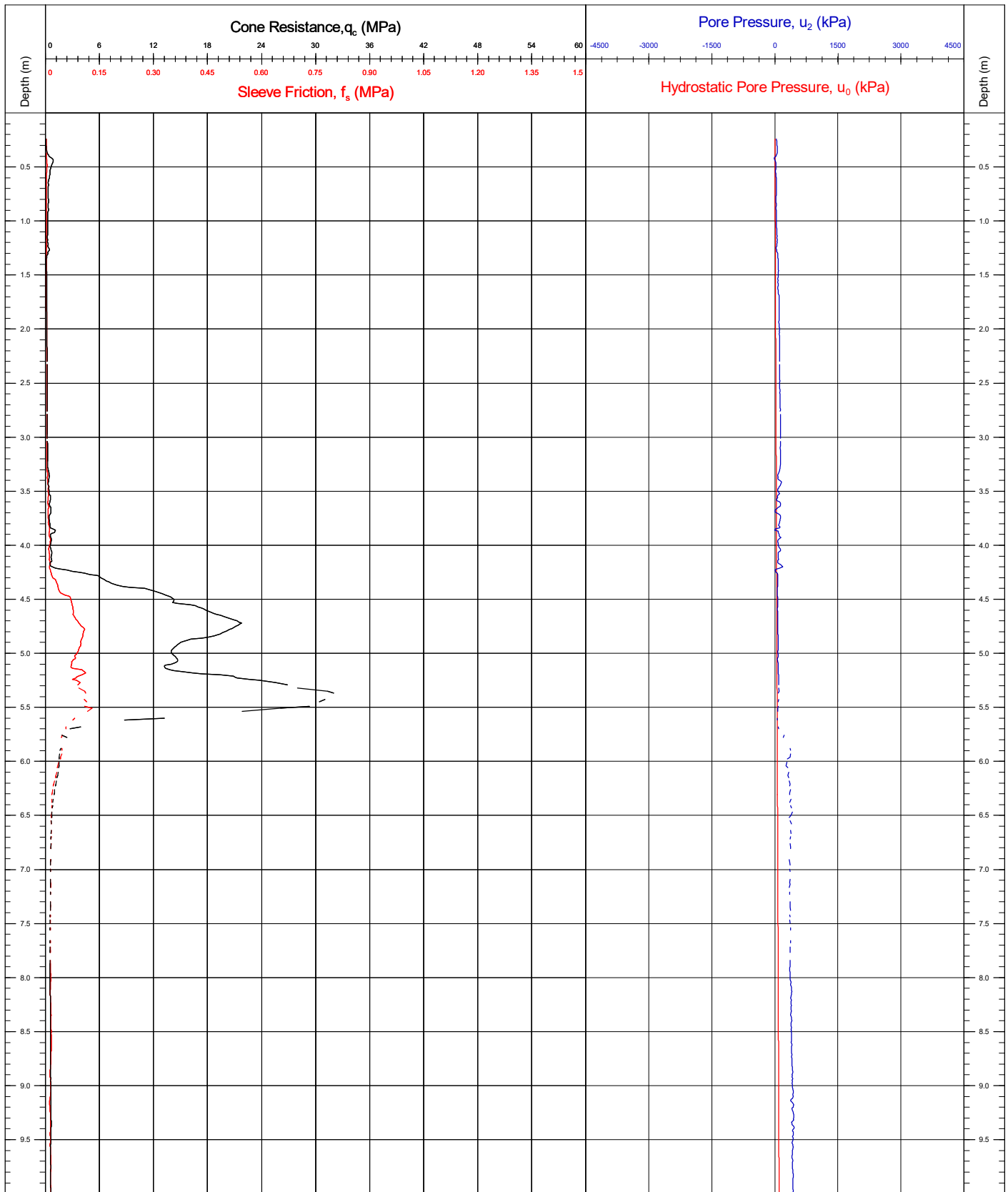
IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	679806.40E 6251702.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT4		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 4/4		
<small>Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment</small>				QC Status		
				Cone No.(size)/ α Factor 061040 (10cm ²) / 0.76		
Base Inclination				X = 0.0° / Y = 0.1°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Area	Kattegat Sea	Coordinates	668836.60E 6255857.70N	CPT Number	
Contract	11596	Latitude / Longitude		CPT6	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.95	Page: 1/1	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 6.06m. Test terminated at operators discretion due to sudden increase in sleeve friction and tip resistance		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = -0.3° / Y = 0.8°	JK/BC (29/04/2021)	DR (10/06/2021)
		CRS	ETRS89		

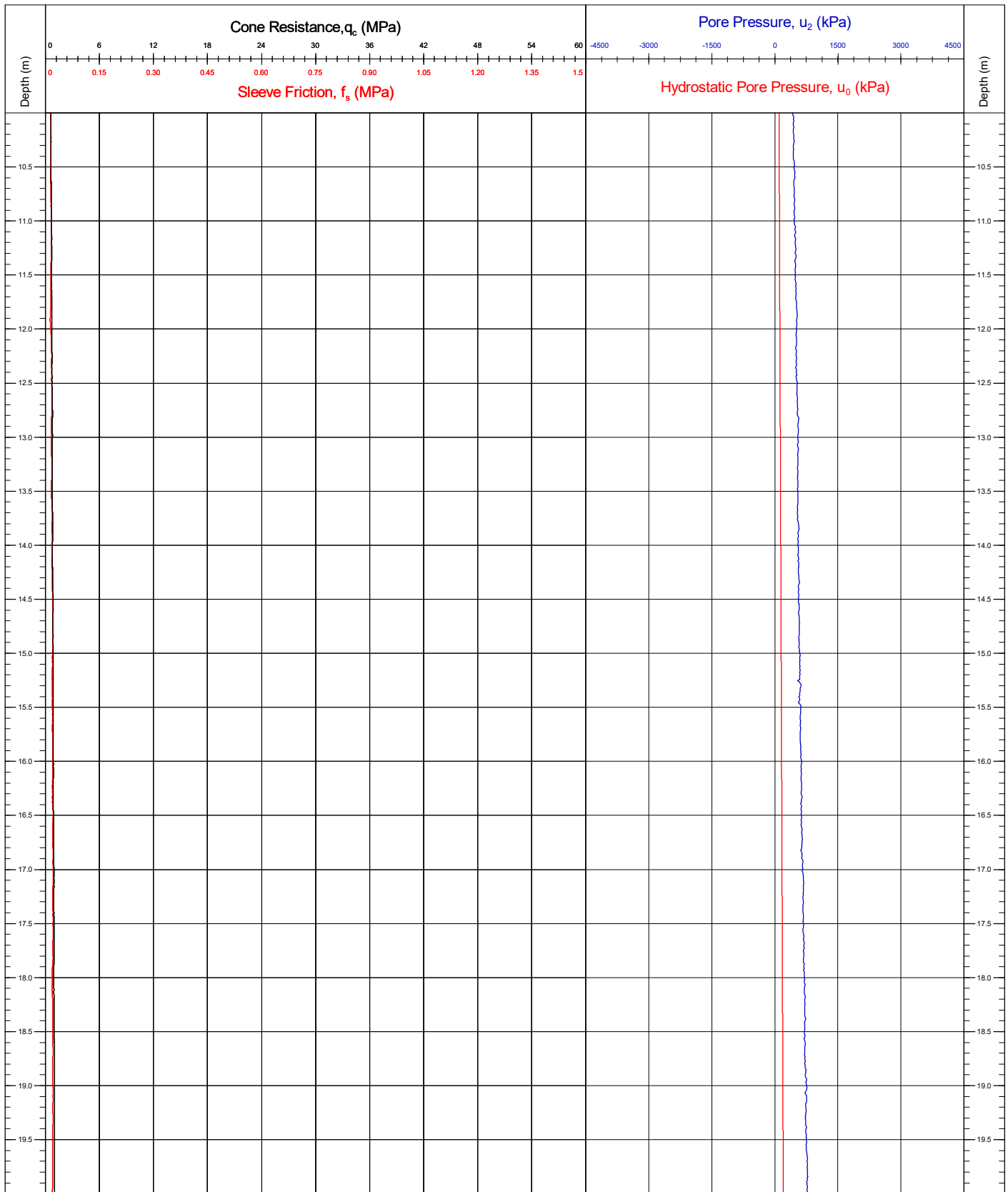


Area	Kattegat Sea	Coordinates	668836.90E 6255852.50N	CPT Number	
Contract	11596	Latitude / Longitude		CPT6a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.93	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load- tip resistance and lack of lateral rod support		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

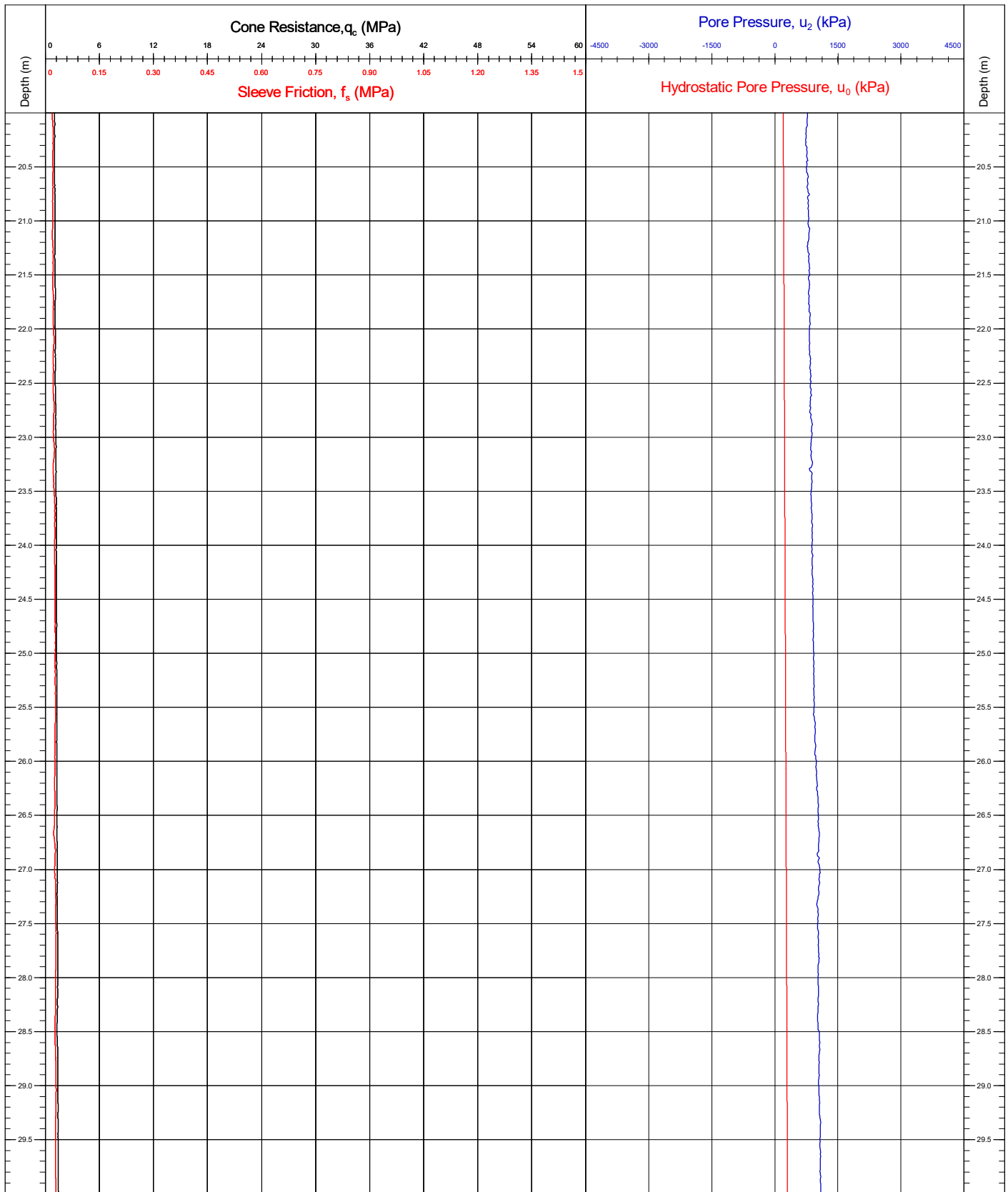


Area	Kattegat Sea	Coordinates	668836.90E 6255852.50N	CPT Number	
Contract	11596	Latitude / Longitude		CPT6a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.93	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load- tip resistance and lack of lateral rod support		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC DR SMc	
		CRS	ETRS89	(29/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

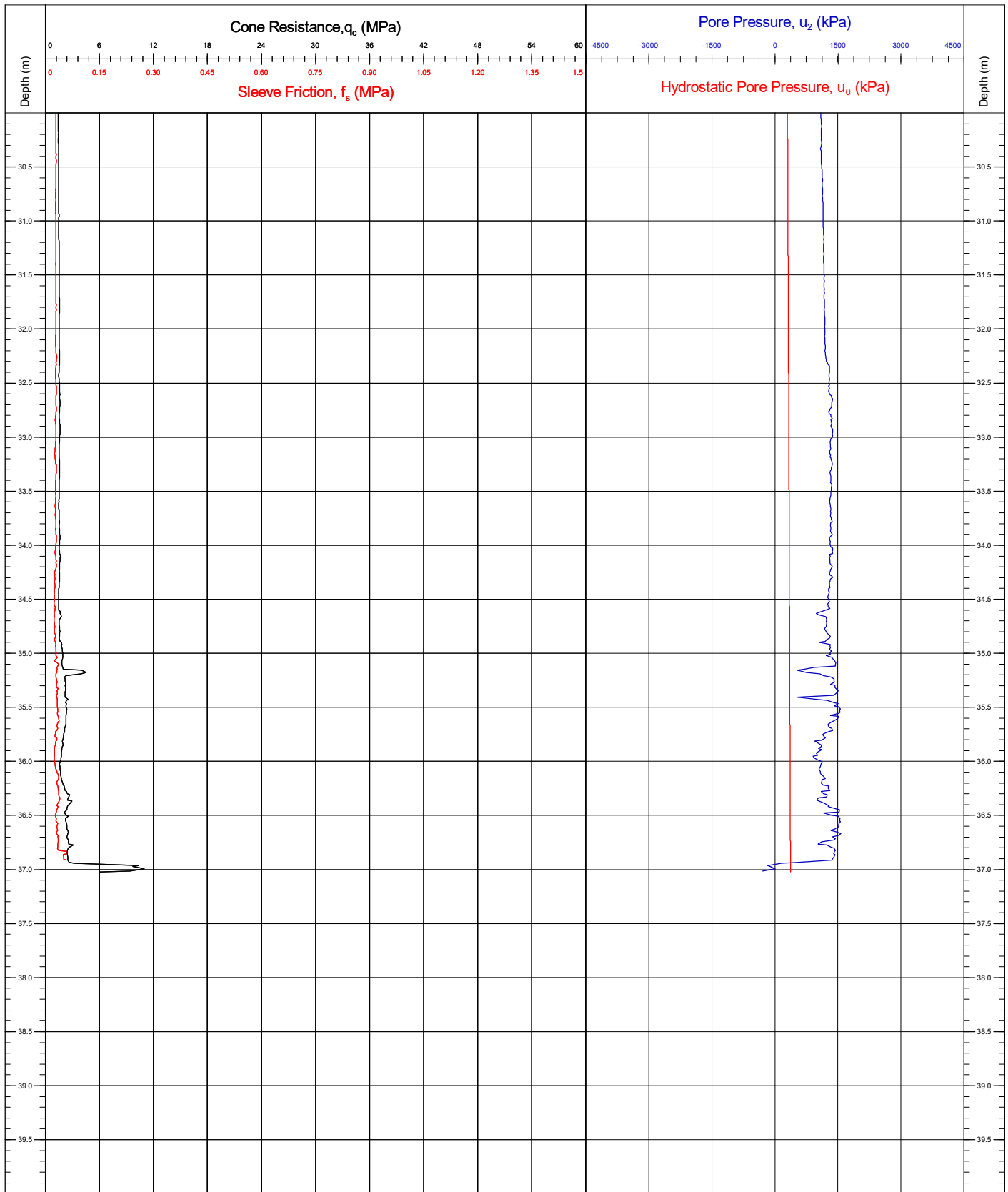


Area	Kattegat Sea	Coordinates	668836.90E 6255852.50N	CPT Number		
Contract	11596	Latitude / Longitude		CPT6a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.93			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 3/4		
<small>Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load- tip resistance and lack of lateral rod support</small>				QC Status		
				Cone No.(size)/α Factor 120829 (10cm ²) / 0.8		
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

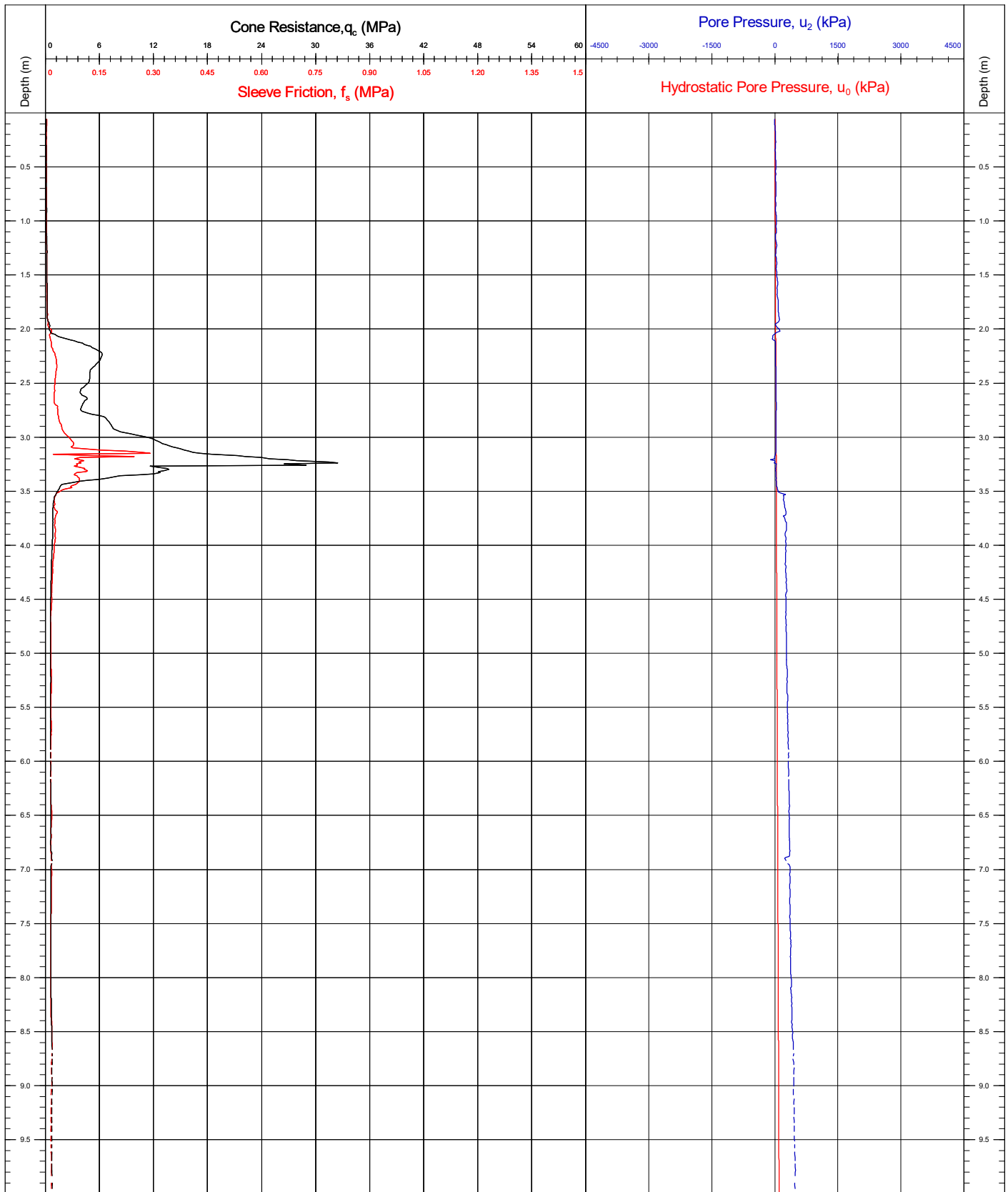


Area	Kattegat Sea	Coordinates	668836.90E	6255852.50N	CPT Number		
Contract	11596	Latitude / Longitude			CPT6a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.93				
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		Page: 4/4		
<small>Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load- tip resistance and lack of lateral rod support</small>		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8		QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

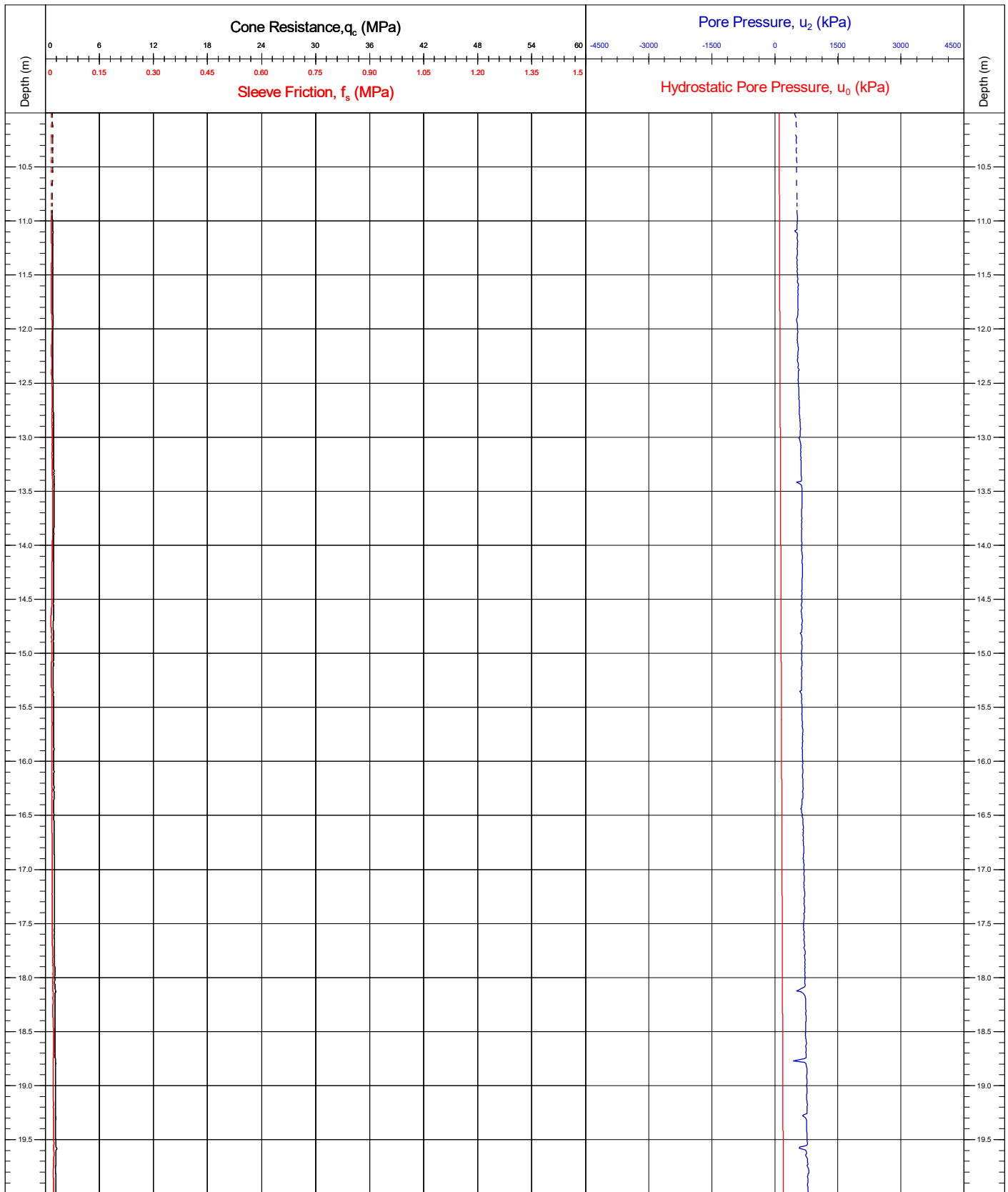


Area	Kattegat Sea	Coordinates	671921.20E	6256092.00N	CPT Number
Contract	11596	Latitude / Longitude			CPT7
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.16		Page: 1/4
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance - high total load and near maximum cone inclination of 11.59 degrees		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		
		Base Inclination	X = 0.0° / Y = 0.0°		
		CRS	ETRS89		
		Preliminary	Draft	Final	
		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

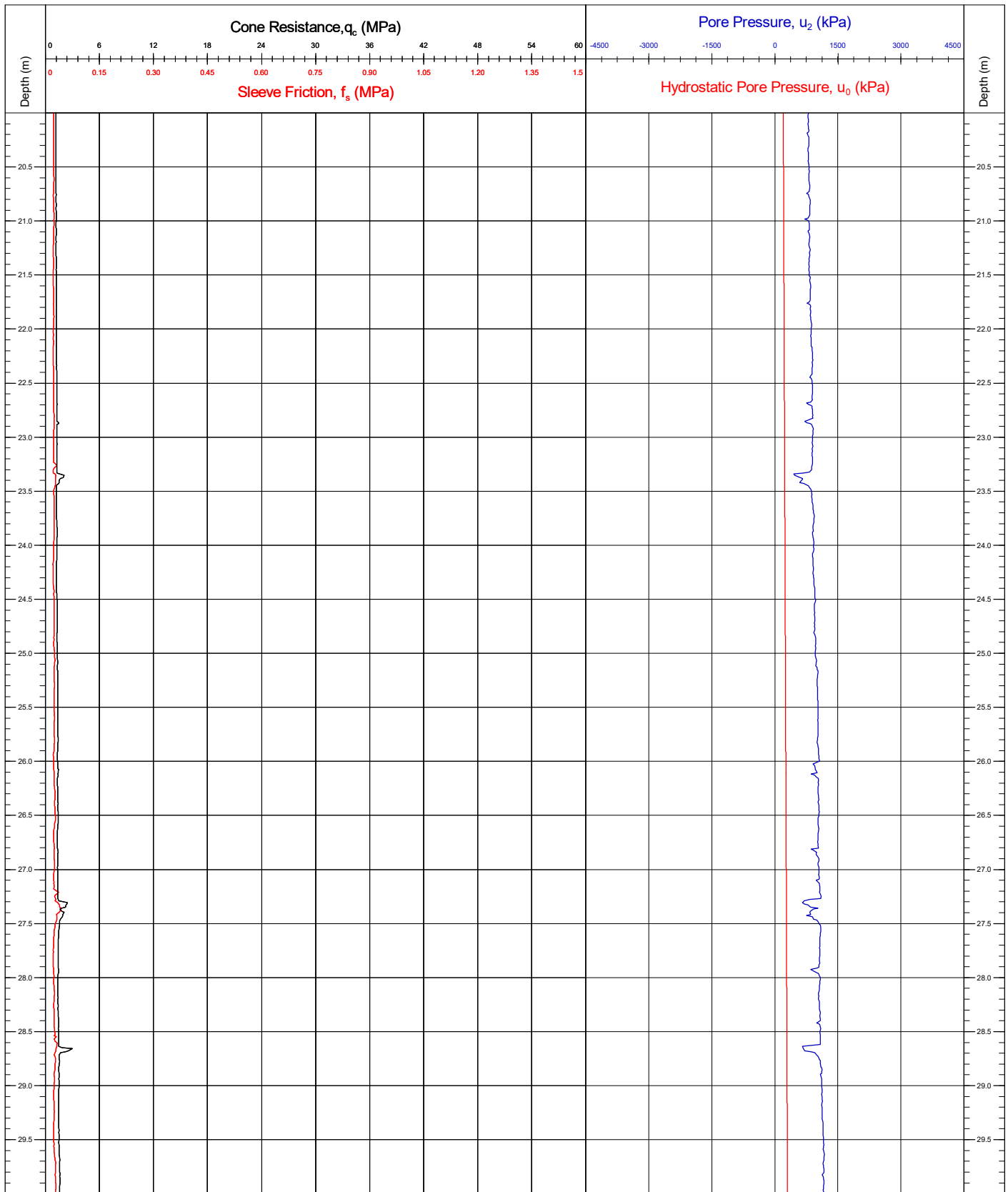


Area	Kattegat Sea	Coordinates	671921.20E	6256092.00N	CPT Number						
Contract	11596	Latitude / Longitude			CPT7						
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.16		Page: 2/4						
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status						
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance - high total load and near maximum cone inclination of 11.59 degrees</small>		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76								
		Base Inclination	X = 0.0° / Y = 0.0°								
		CRS	ETRS89		<table style="width: 100%; text-align: center;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC <small>(29/04/2021)</small></td> <td>DR <small>(10/06/2021)</small></td> <td>SMc <small>(10/11/2021)</small></td> </tr> </table>	Preliminary	Draft	Final	JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
Preliminary	Draft	Final									
JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>									



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

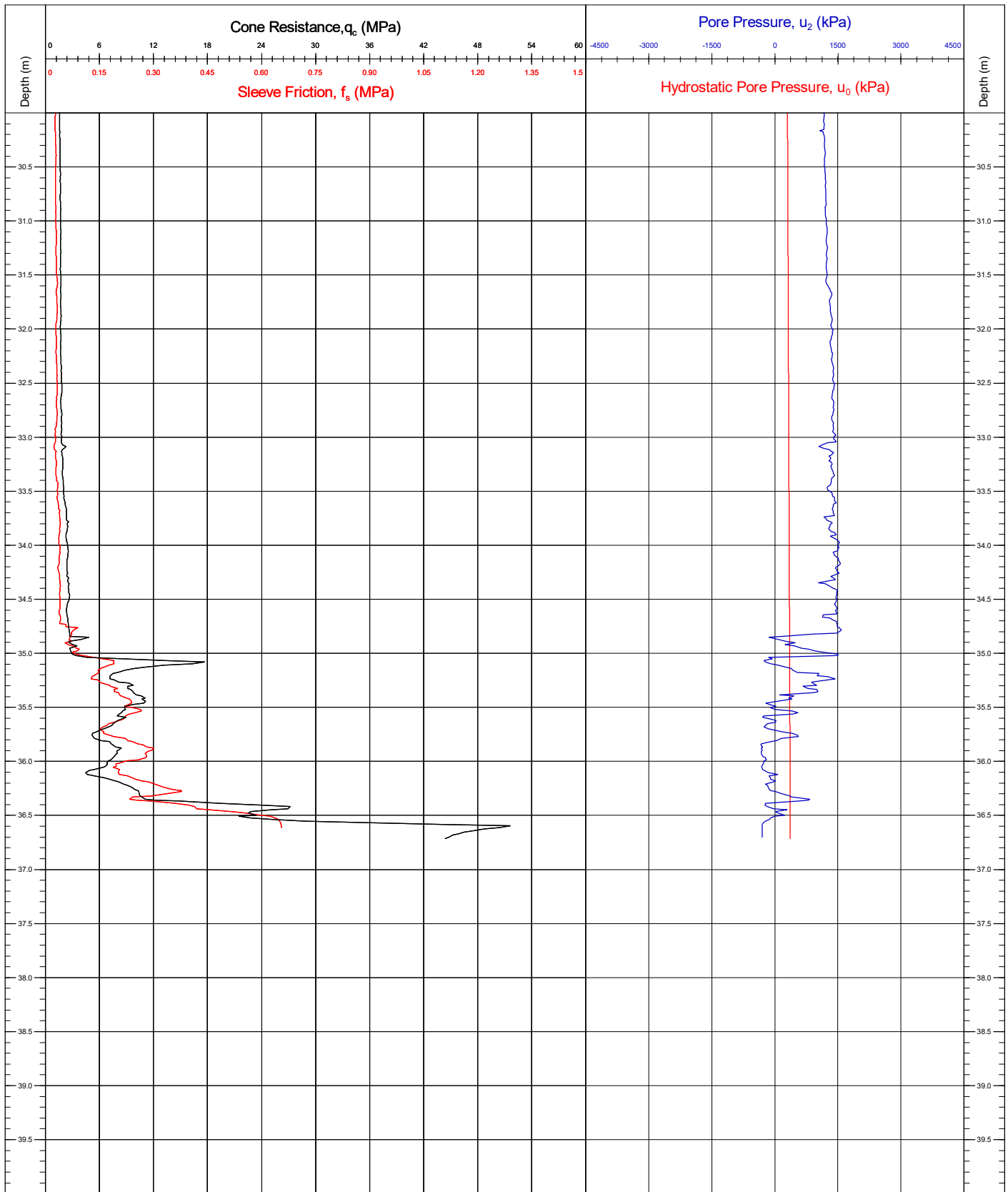


Area	Kattegat Sea	Coordinates	671921.20E 6256092.00N	CPT Number			
Contract	11596	Latitude / Longitude		CPT7			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.16				
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 3/4			
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance - high total load and near maximum cone inclination of 11.59 degrees</small>				QC Status			
				Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		JK/BC	DR	SMc
		CRS	ETRS89		(29/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

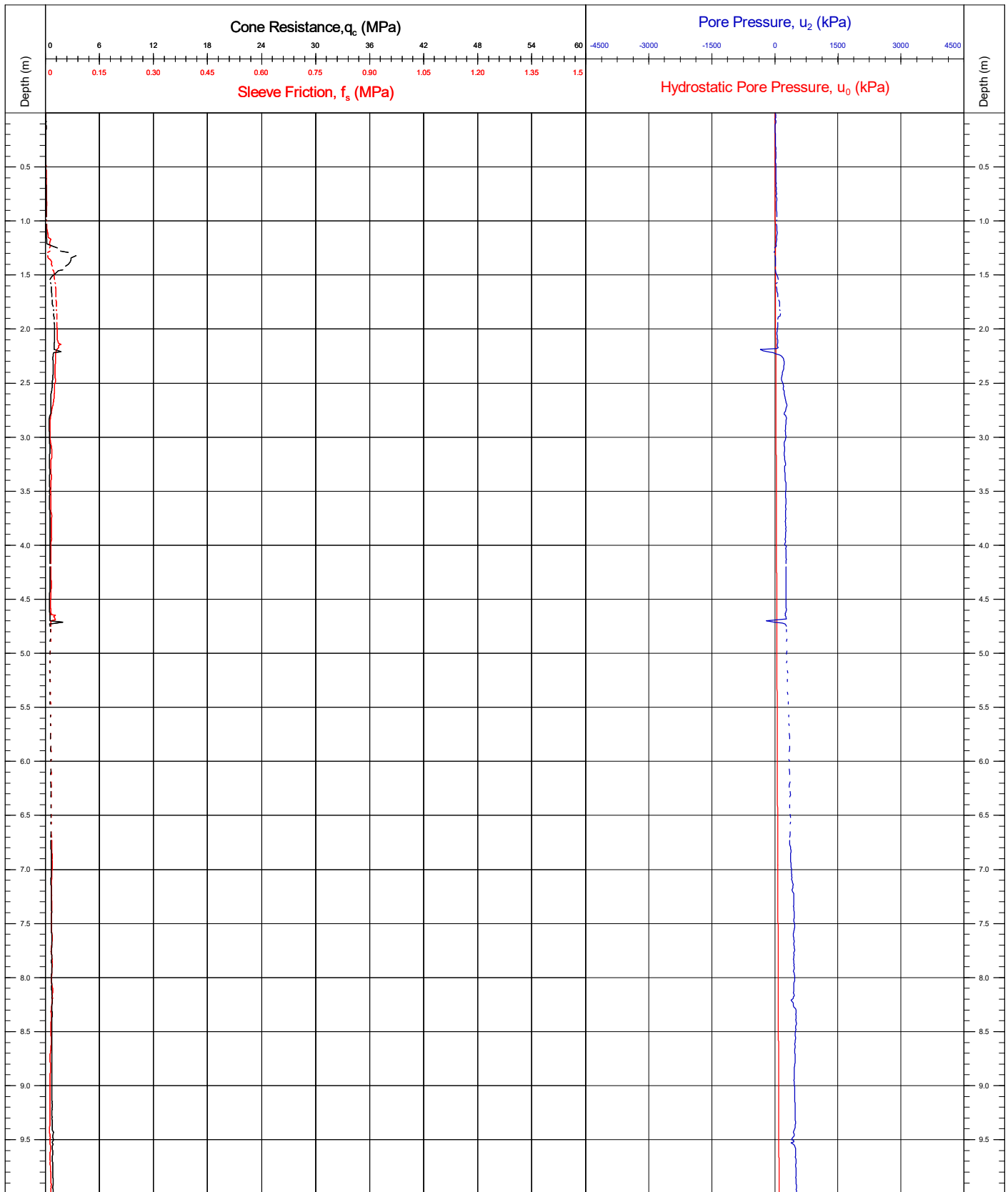
IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	671921.20E 6256092.00N	CPT Number		
Contract	11596	Latitude / Longitude		CPT7		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.16			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 4/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance - high total load and near maximum cone inclination of 11.59 degrees</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)

Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

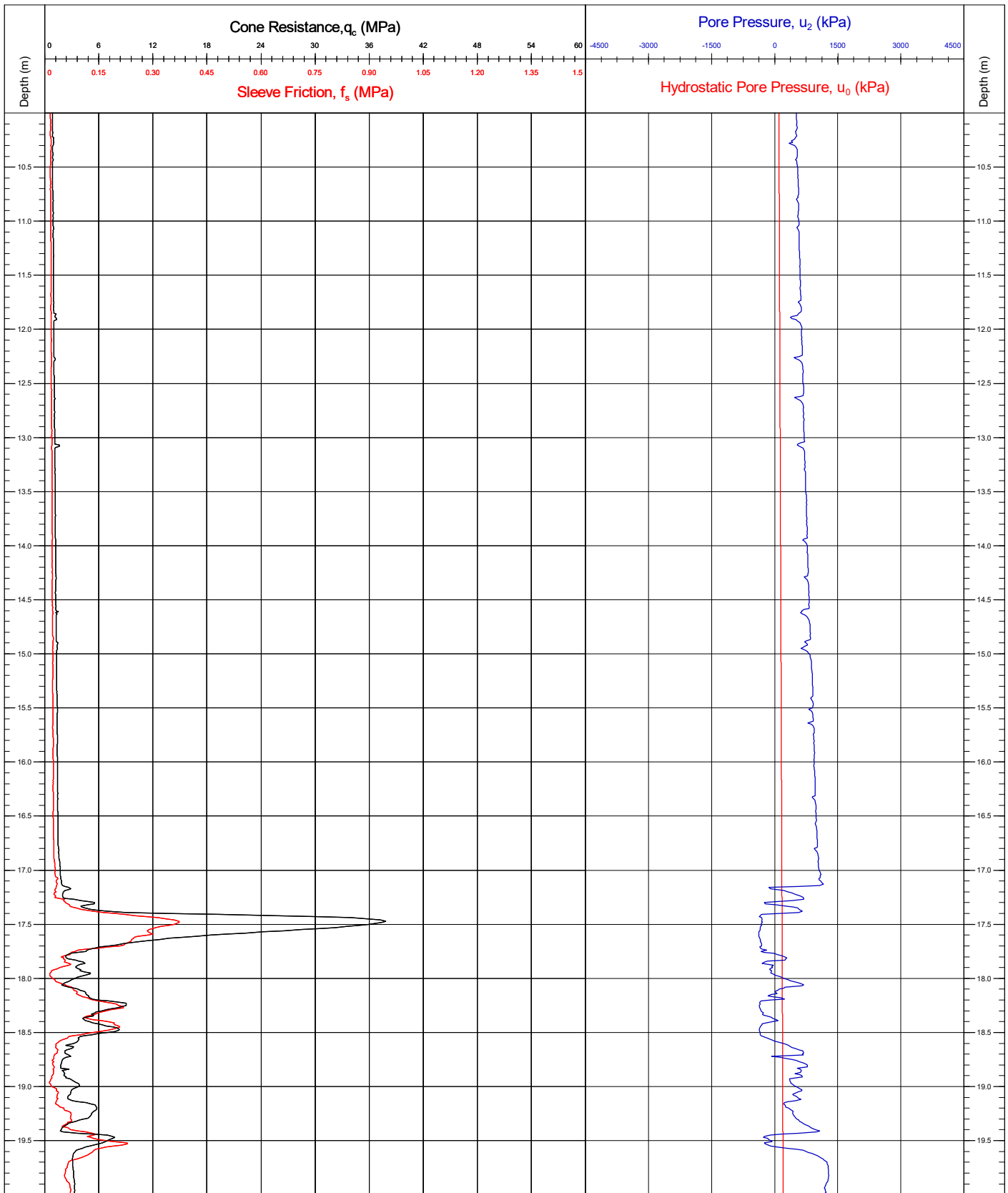


Area	Kattegat Sea	Coordinates	674879.50E 6255586.40N	CPT Number	
Contract	11596	Latitude / Longitude		CPT8	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.62	Page: 1/3	
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands.		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(27/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

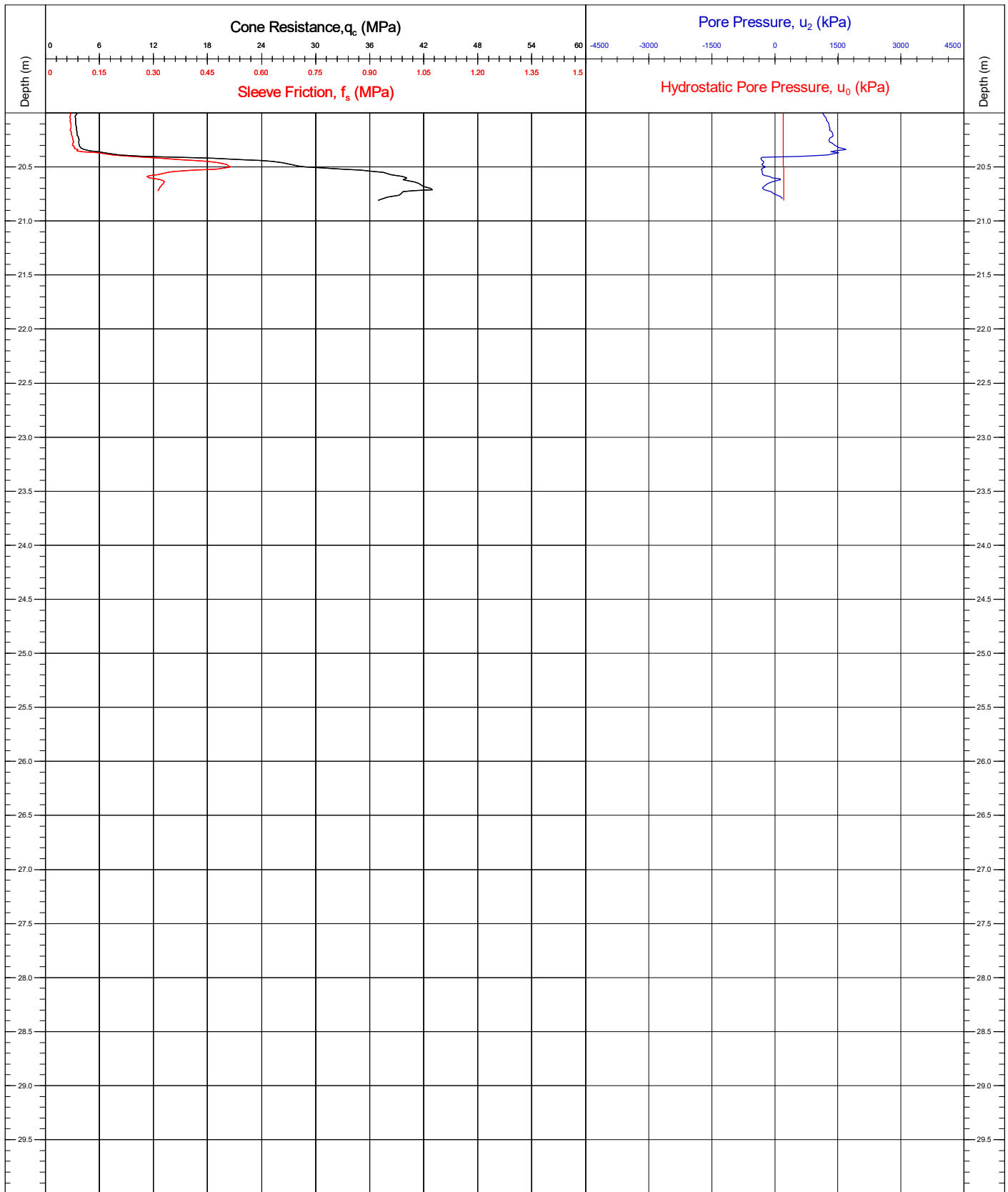


Area	Kattegat Sea	Coordinates	674879.50E	6255586.40N	CPT Number		
Contract	11596	Latitude / Longitude			CPT8		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.62				
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		Page: 2/3		
Comments: Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands.		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78		QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

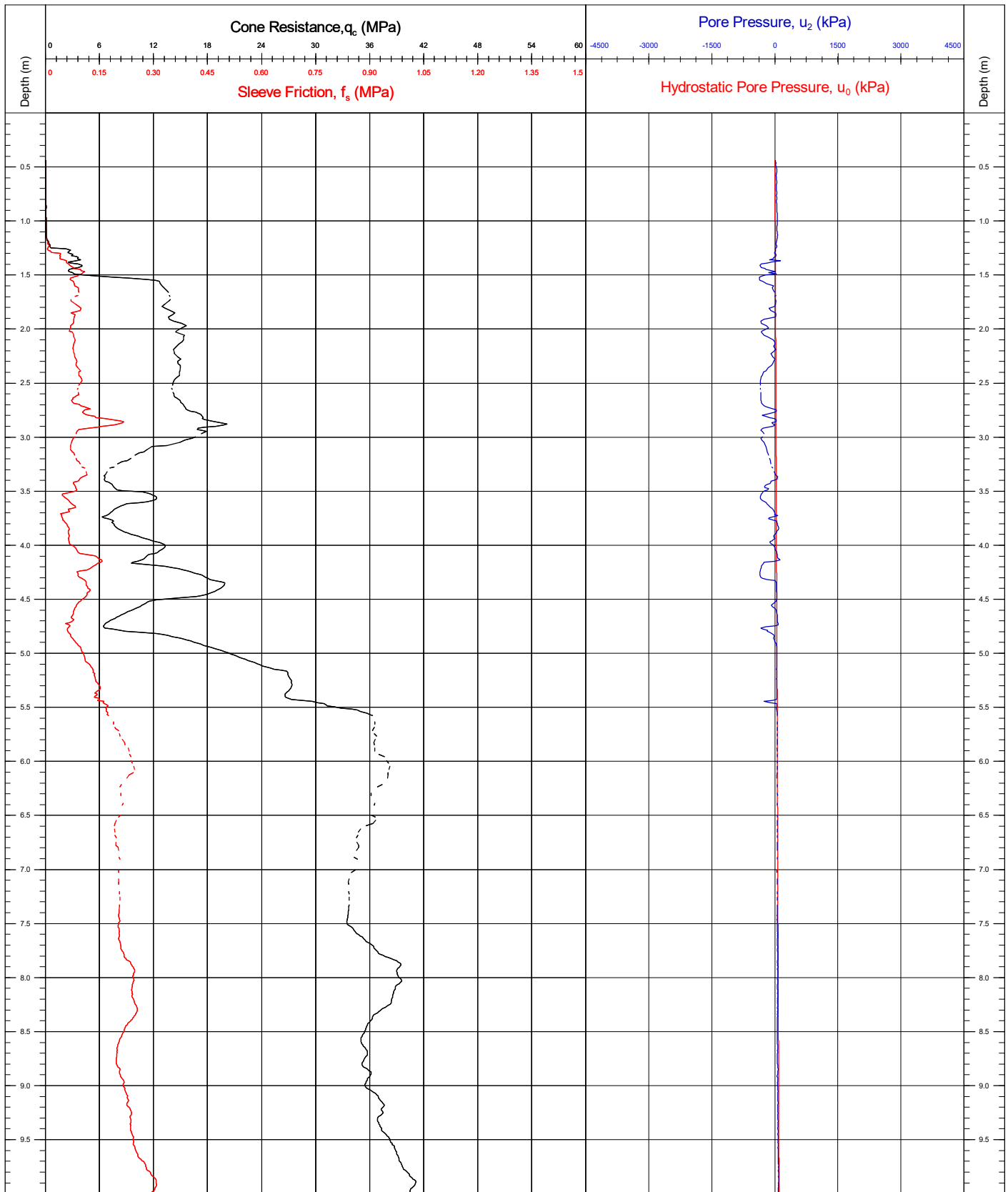


Area	Kattegat Sea	Coordinates	674879.50E 6255586.40N	CPT Number CPT8		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.62	Page: 3/3		
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands.</small>		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

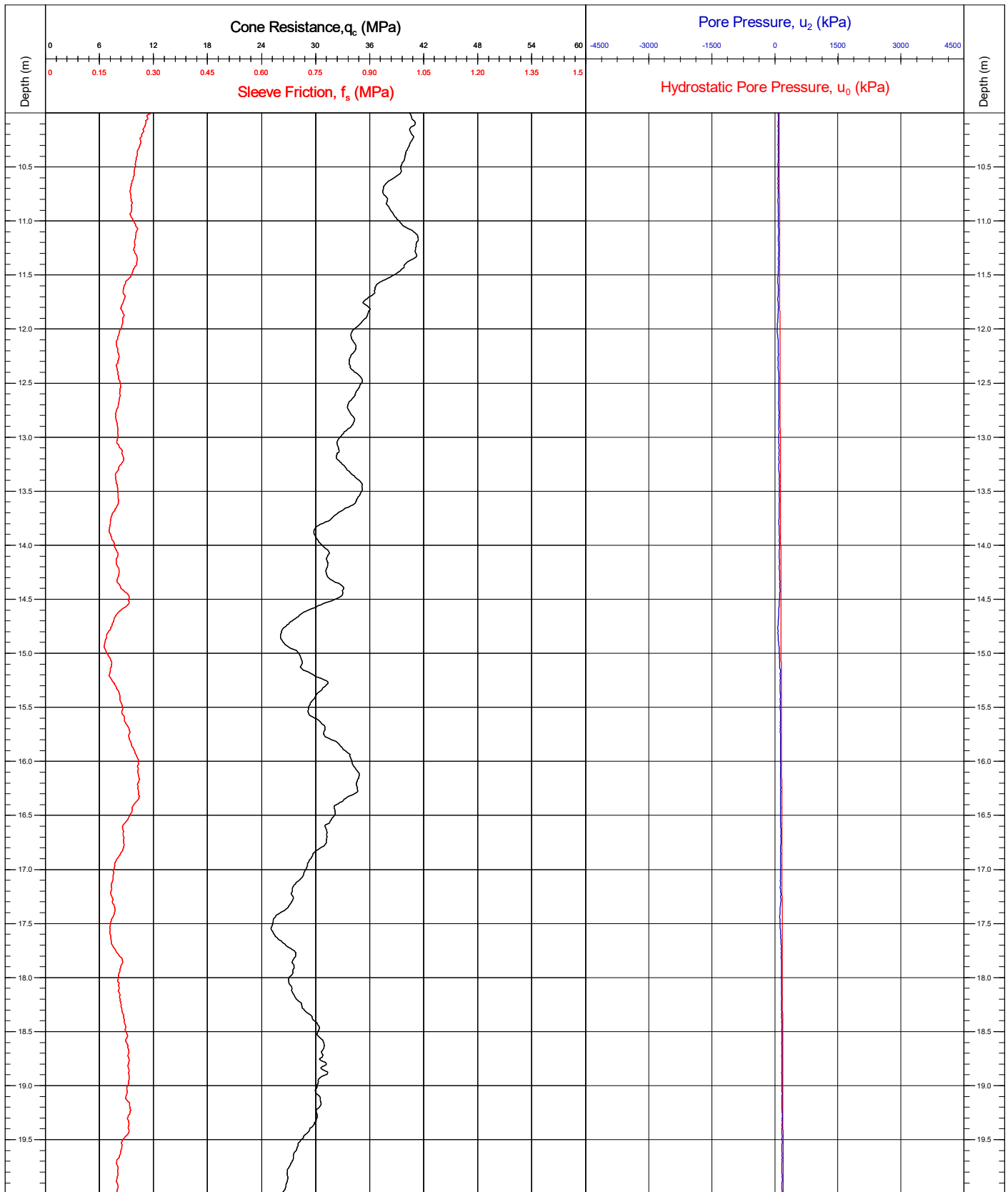


Area	Kattegat Sea	Coordinates	676157.00E 6257143.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT9	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status	
Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination-SBF inclination and increasing total load.		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.5° / Y = 2.6°	JK/BC DR SMc	
		CRS	ETRS89	(26/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

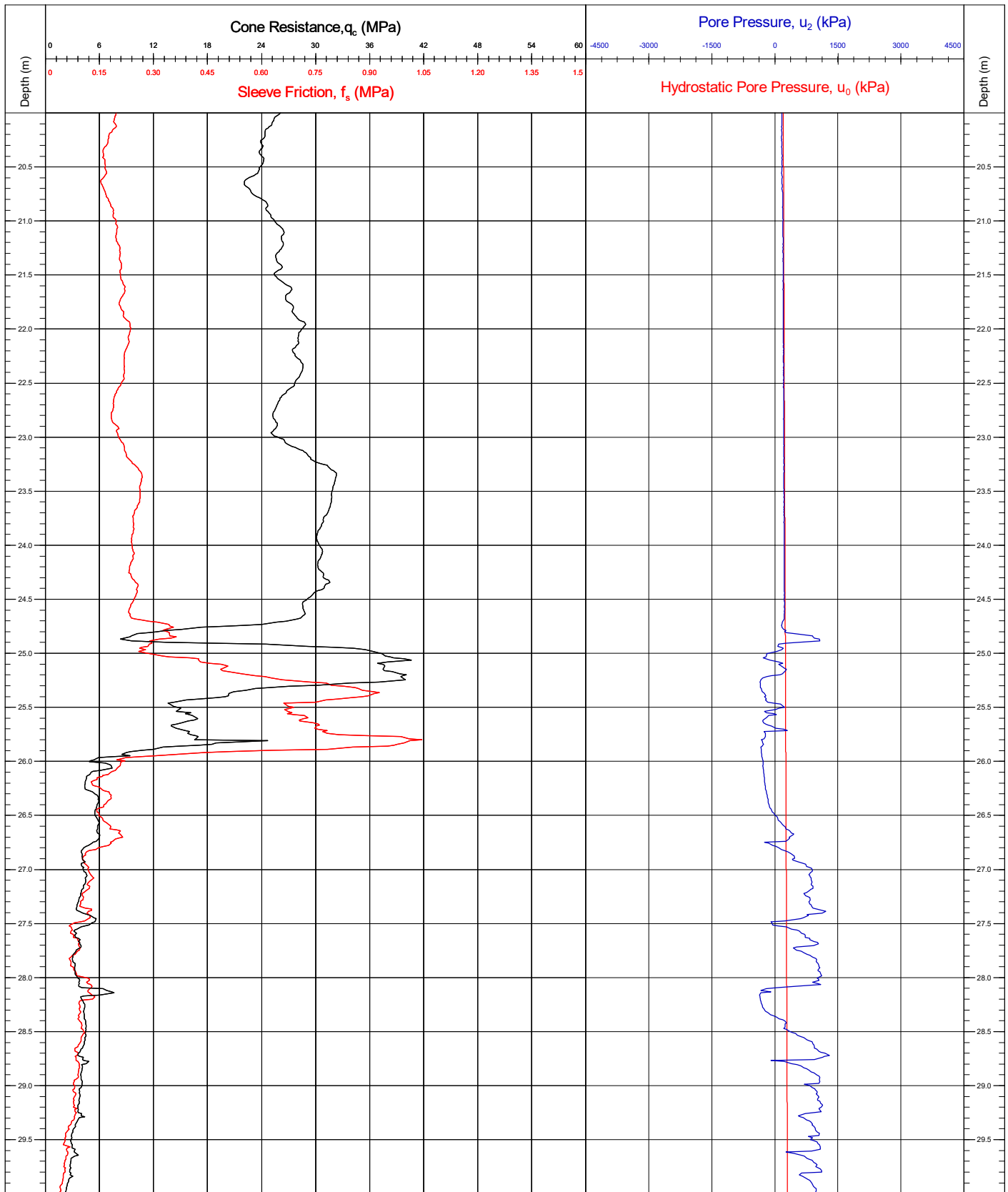


Area	Kattegat Sea	Coordinates	676157.00E 6257143.60N	CPT Number		
Contract	11596	Latitude / Longitude		CPT9		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54			
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	Page: 2/4		
<small>Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination-SBF inclination and increasing total load.</small>				QC Status		
				Cone No.(size)/ α Factor 130206 (10cm²) / 0.77		
Base Inclination				X = 1.5° / Y = 2.6°		
CRS				ETRS89		
		Preliminary	Draft	Final		
		JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

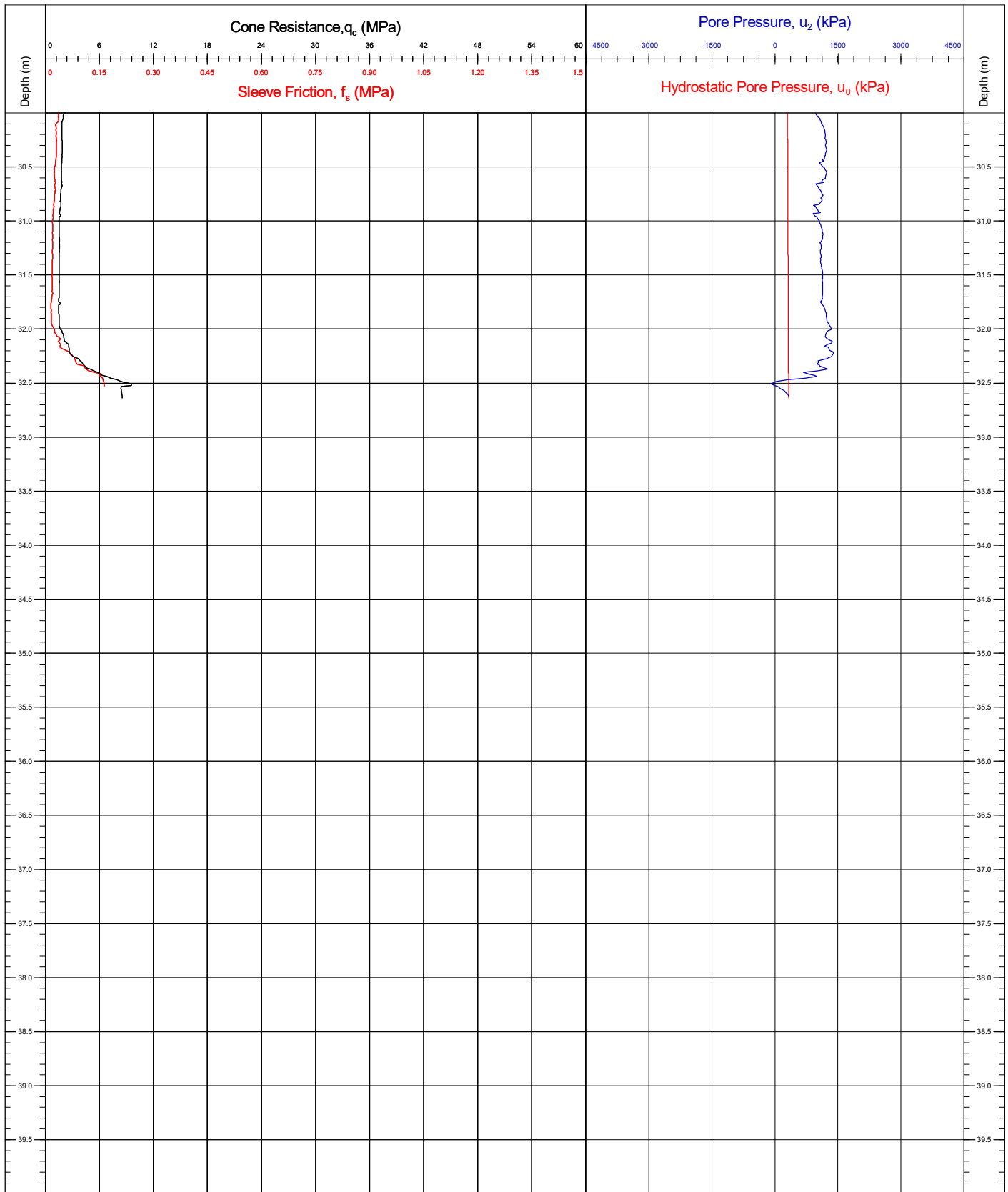


Area	Kattegat Sea	Coordinates	676157.00E 6257143.60N	CPT Number			
Contract	11596	Latitude / Longitude		CPT9			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54				
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	Page: 3/4			
<small>Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination-SBF inclination and increasing total load.</small>				QC Status			
				Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.5° / Y = 2.6°		JK/BC	DR	SMc
		CRS	ETRS89		(26/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

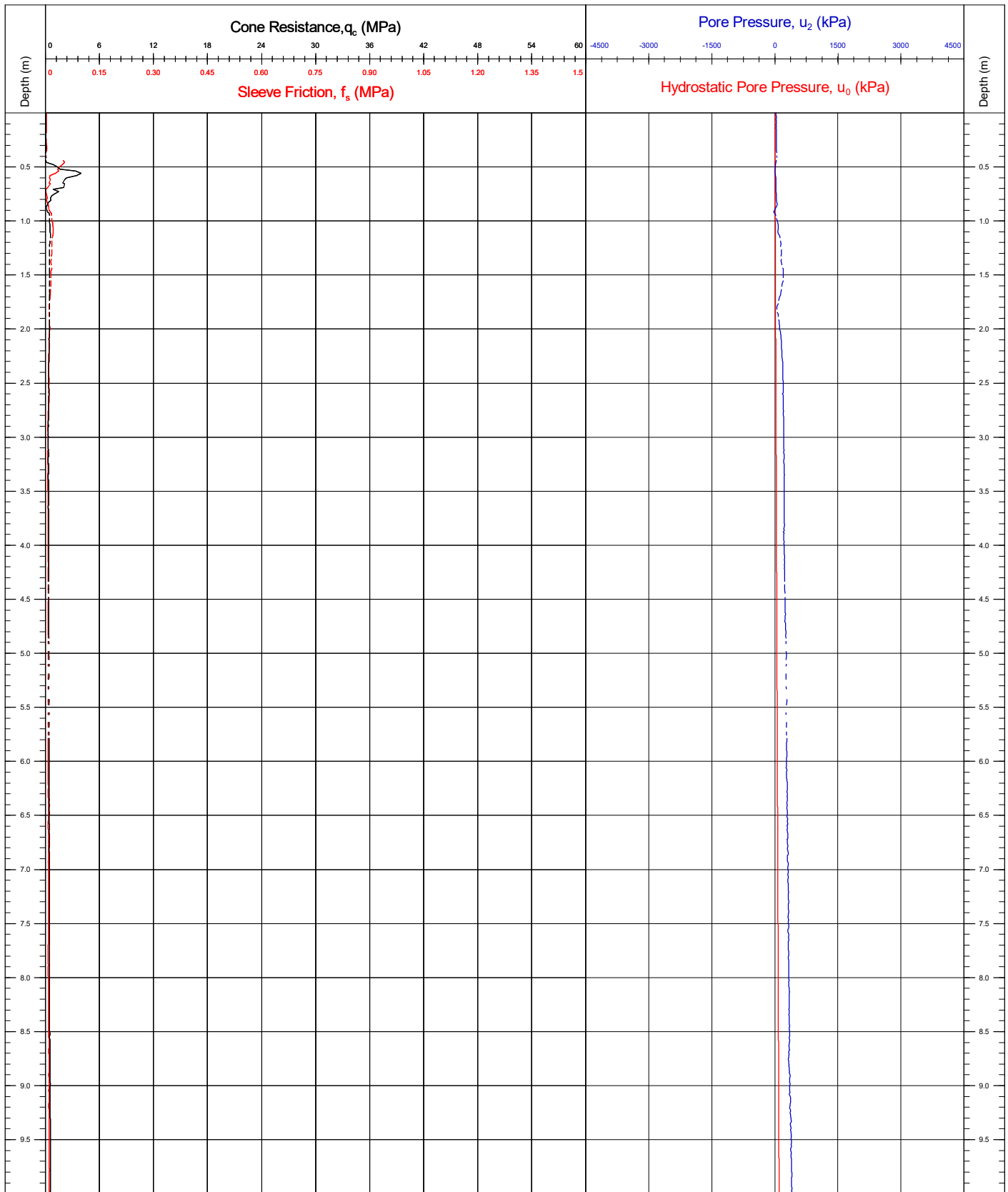


Area	Kattegat Sea	Coordinates	676157.00E 6257143.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT9	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status	
Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination-SBF inclination and increasing total load.		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.5° / Y = 2.6°	JK/BC DR SMC	
		CRS	ETRS89	(26/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

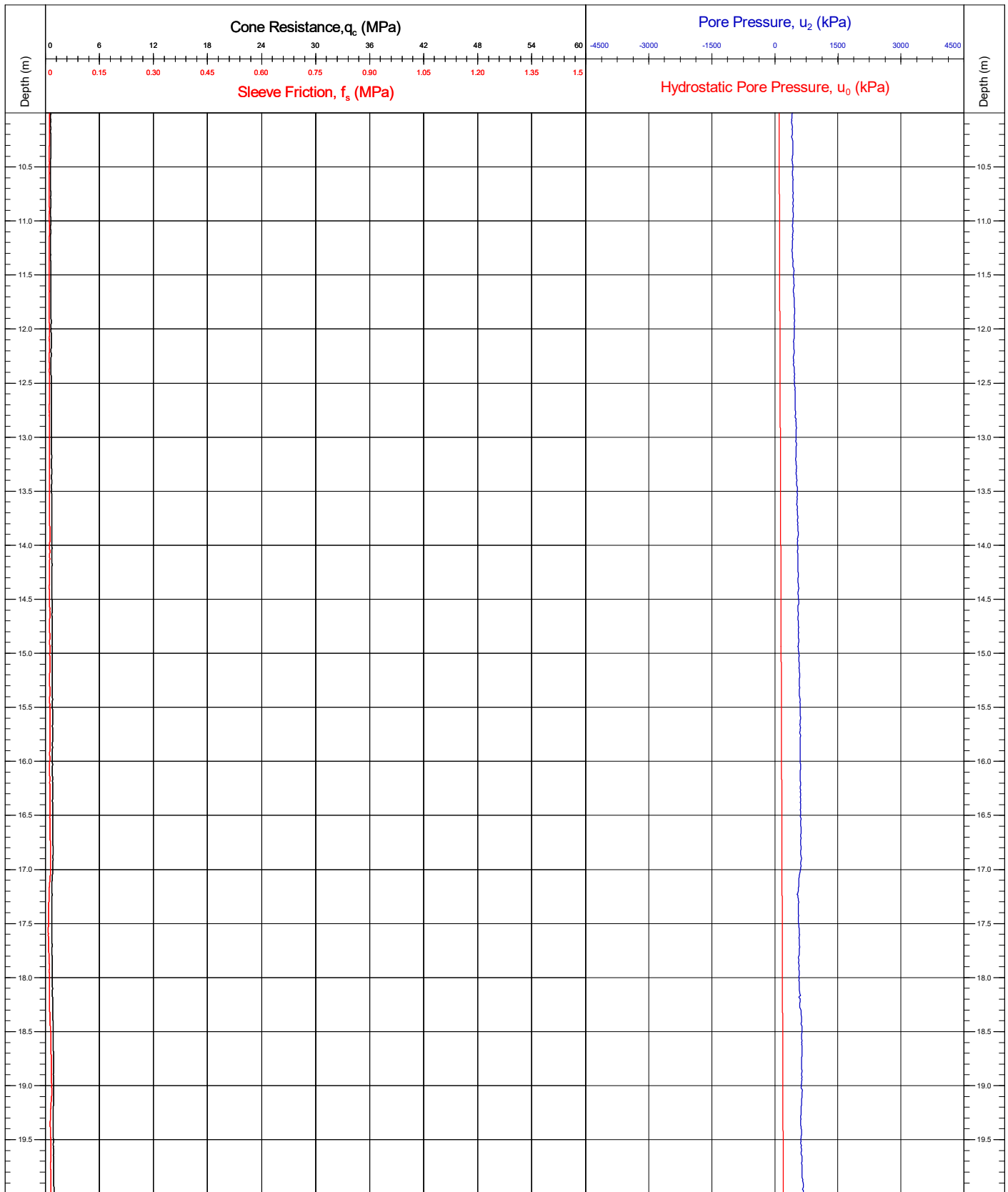


Area	Kattegat Sea	Coordinates	678861.00E 6255157.80N	CPT Number							
Contract	11596	Latitude / Longitude		CPT10							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 1/4							
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status							
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline		Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(28/04/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>		Preliminary	Draft	Final	JK/BC <small>(28/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
		Preliminary	Draft			Final					
		JK/BC <small>(28/04/2021)</small>	DR <small>(10/06/2021)</small>			SMc <small>(10/11/2021)</small>					
Base Inclination	X = 0.0° / Y = -0.1°										
CRS	ETRS89										



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

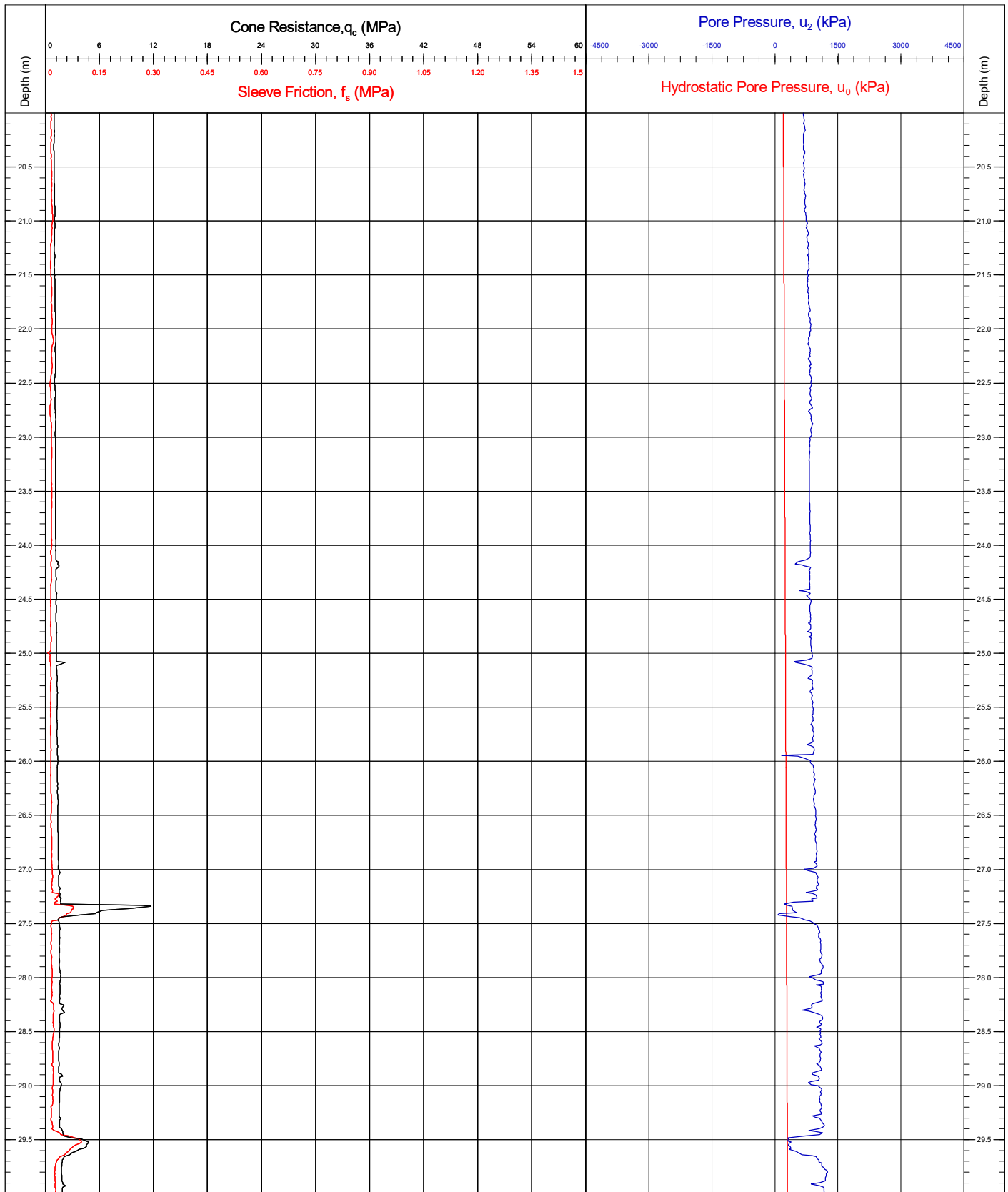


Area	Kattegat Sea	Coordinates	678861.00E 6255157.80N	CPT Number	
Contract	11596	Latitude / Longitude		CPT10	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline		Cone No.(size)/α Factor	100976 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = -0.1°	JK/BC DR SMc	
		CRS	ETRS89	(28/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

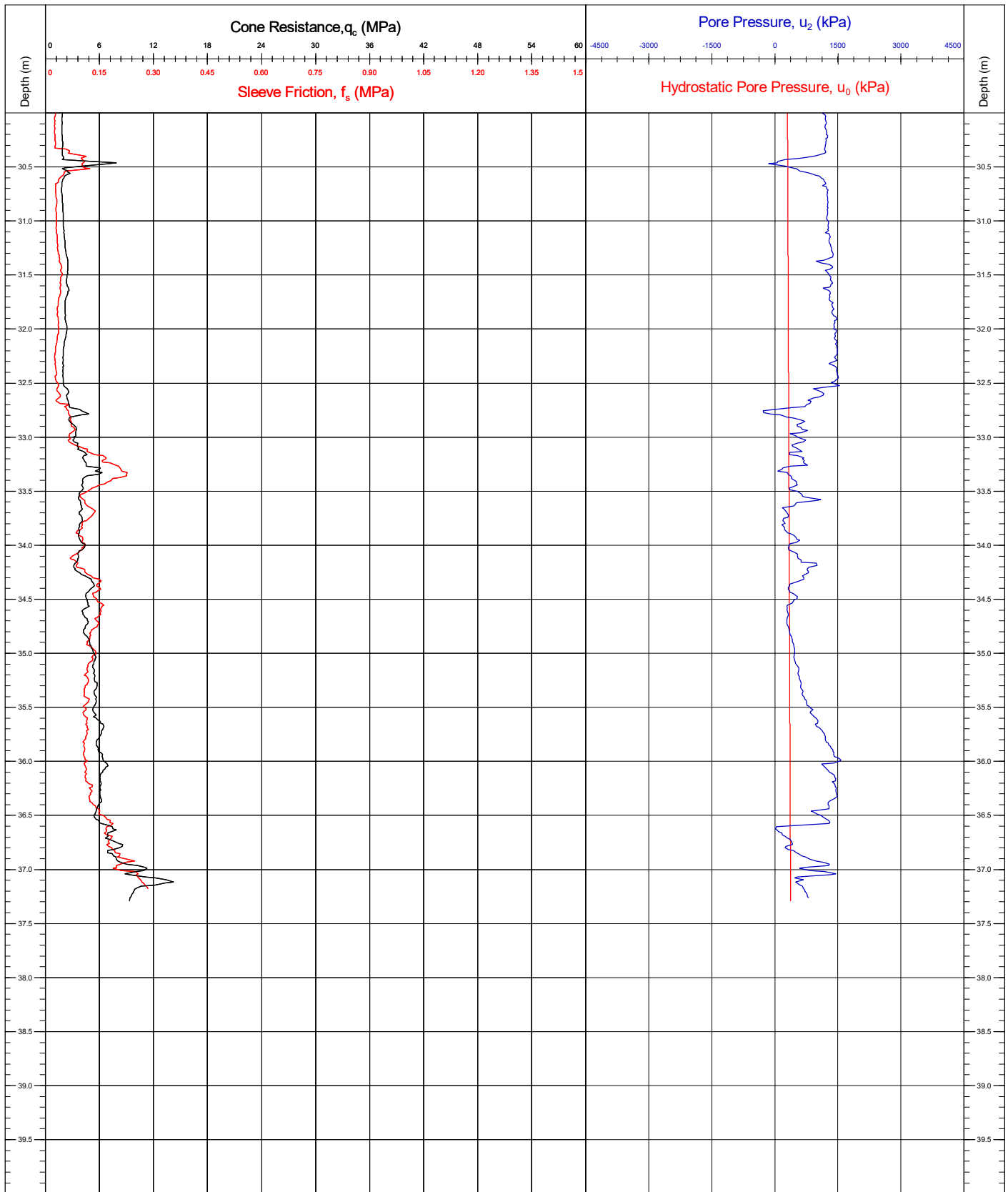


Area	Kattegat Sea	Coordinates	678861.00E 6255157.80N	CPT Number							
Contract	11596	Latitude / Longitude		CPT10							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 3/4							
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status							
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline		Cone No.(size)/α Factor	100976 (10cm ²) / 0.78	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(28/04/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>		Preliminary	Draft	Final	JK/BC <small>(28/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
		Preliminary	Draft			Final					
		JK/BC <small>(28/04/2021)</small>	DR <small>(10/06/2021)</small>			SMc <small>(10/11/2021)</small>					
Base Inclination	X = 0.0° / Y = -0.1°										
CRS	ETRS89										



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

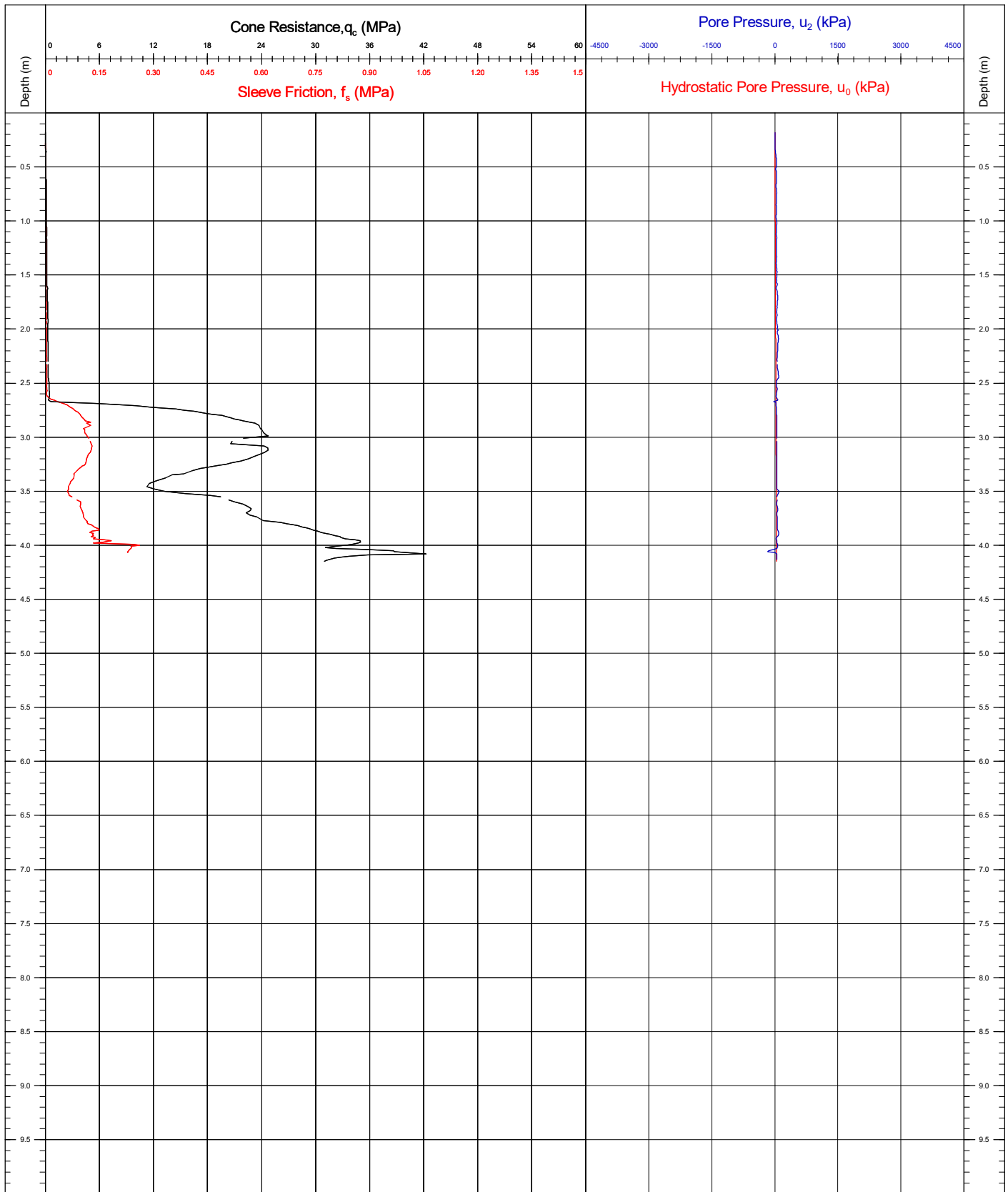


Area	Kattegat Sea	Coordinates	678861.00E 6255157.80N	CPT Number			
Contract	11596	Latitude / Longitude		CPT10			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57				
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	Page: 4/4			
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline				QC Status			
				Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78		
		Base Inclination	X = 0.0° / Y = -0.1°		Preliminary	Draft	Final
CRS		ETRS89			JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)

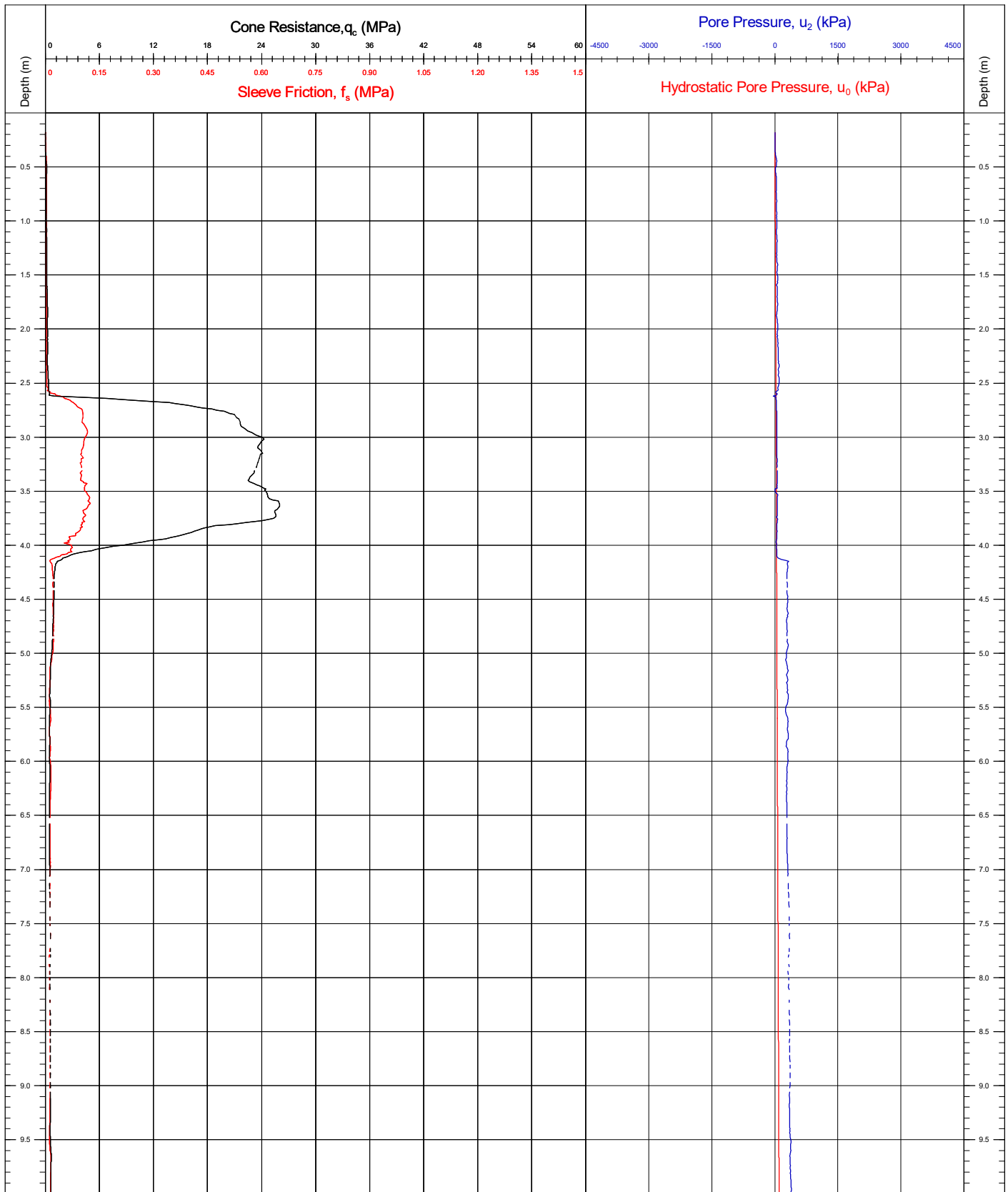


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	666385.90E 6259321.60N	CPT Number			
Contract	11596	Latitude / Longitude		CPT11			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.78				
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 1/1			
Comments: Cone class 1. Continuous seabed CPT. Final depth 3.97m. Test terminated due to a maximum sleeve friction refusal.				QC Status			
				Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81		
		Base Inclination	X = 1.1° / Y = 0.9°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)

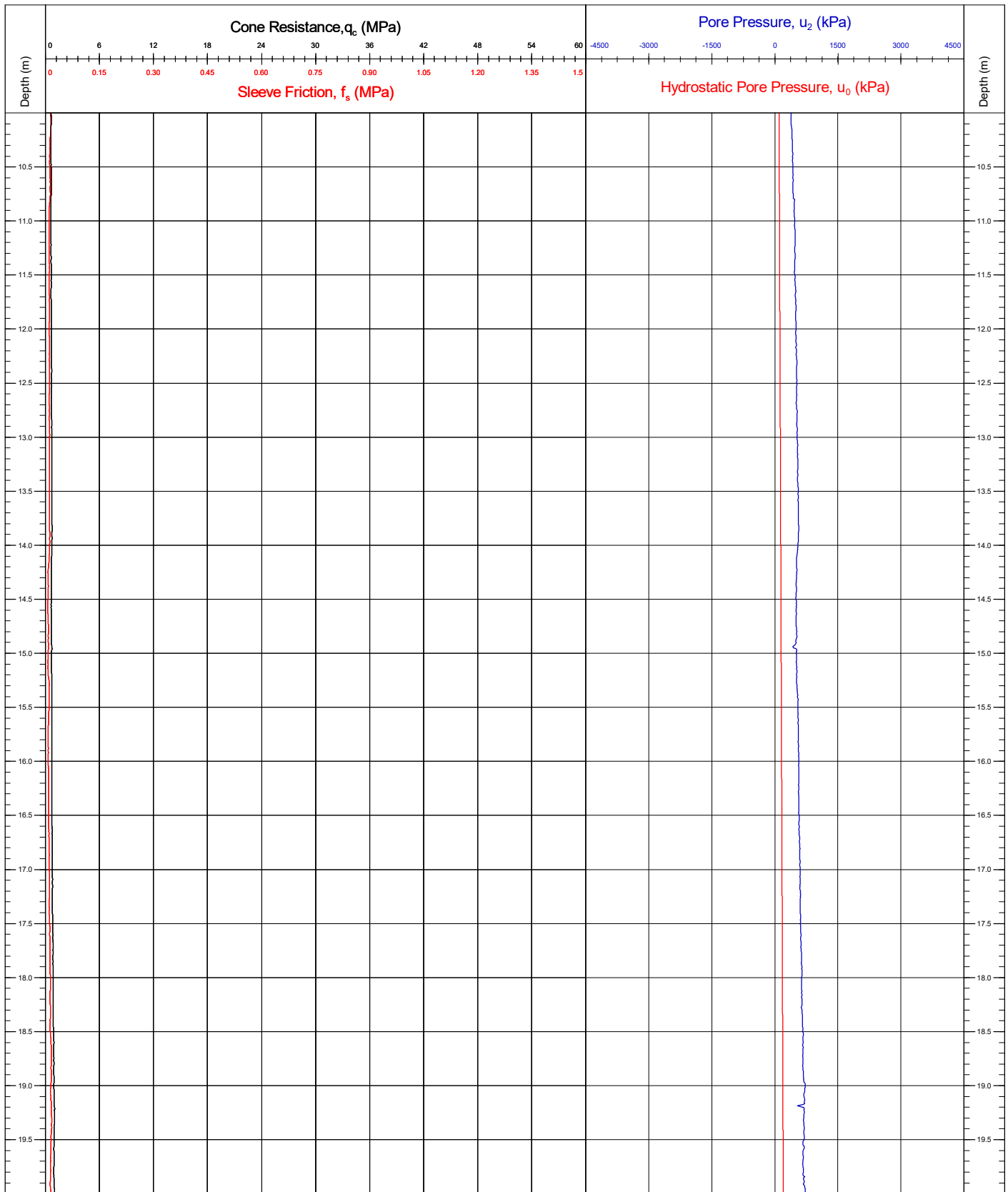


Area	Kattegat Sea	Coordinates	666386.20E 6259316.50N	CPT Number CPT11a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74	Page: 1/5		
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend</small>		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

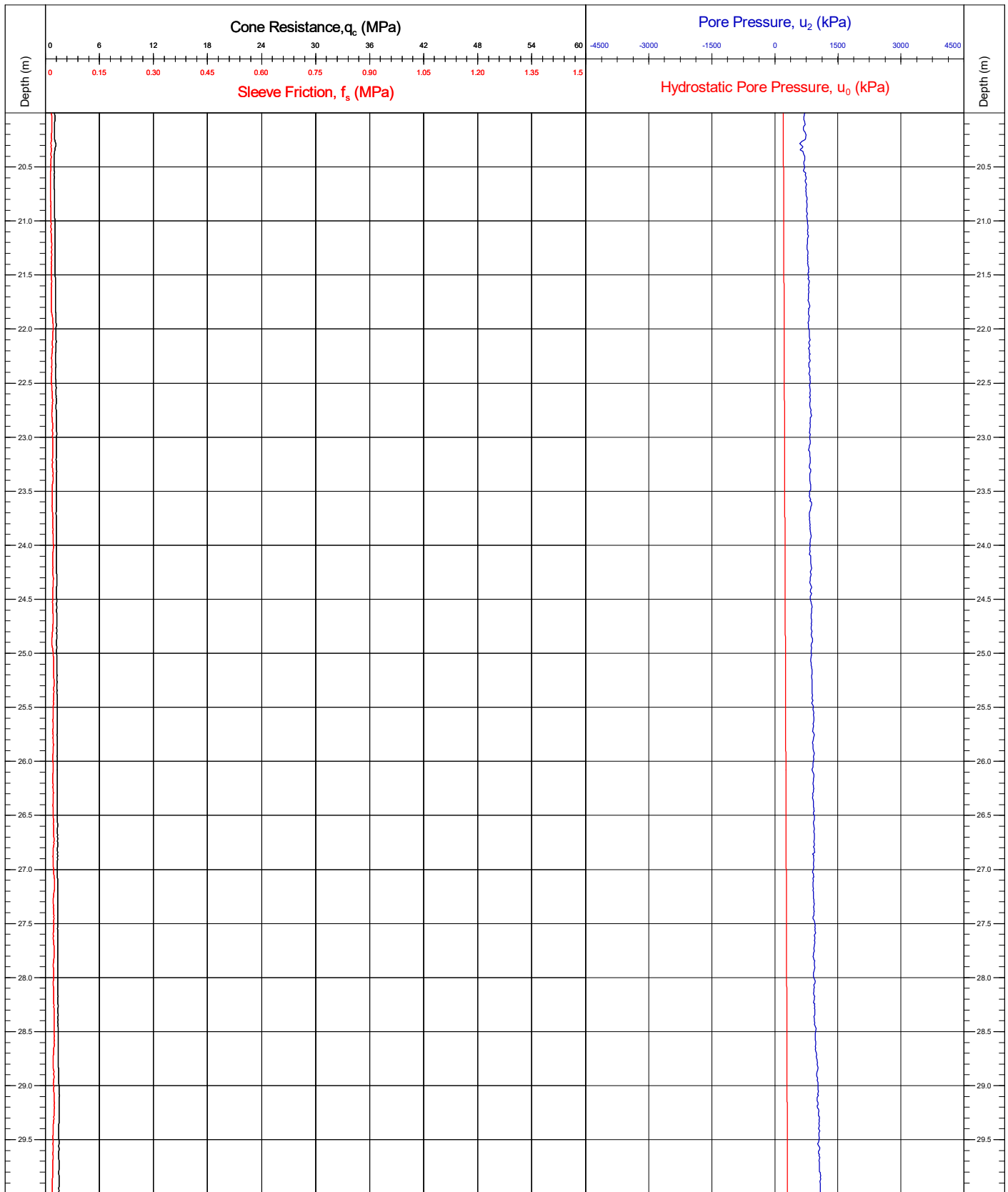


Area	Kattegat Sea	Coordinates	666386.20E	6259316.50N	CPT Number CPT11a		
Contract	11596	Latitude / Longitude					
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74				
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		Page: 2/5		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend</small>		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81		QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary Draft Final		
		CRS	ETRS89		JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

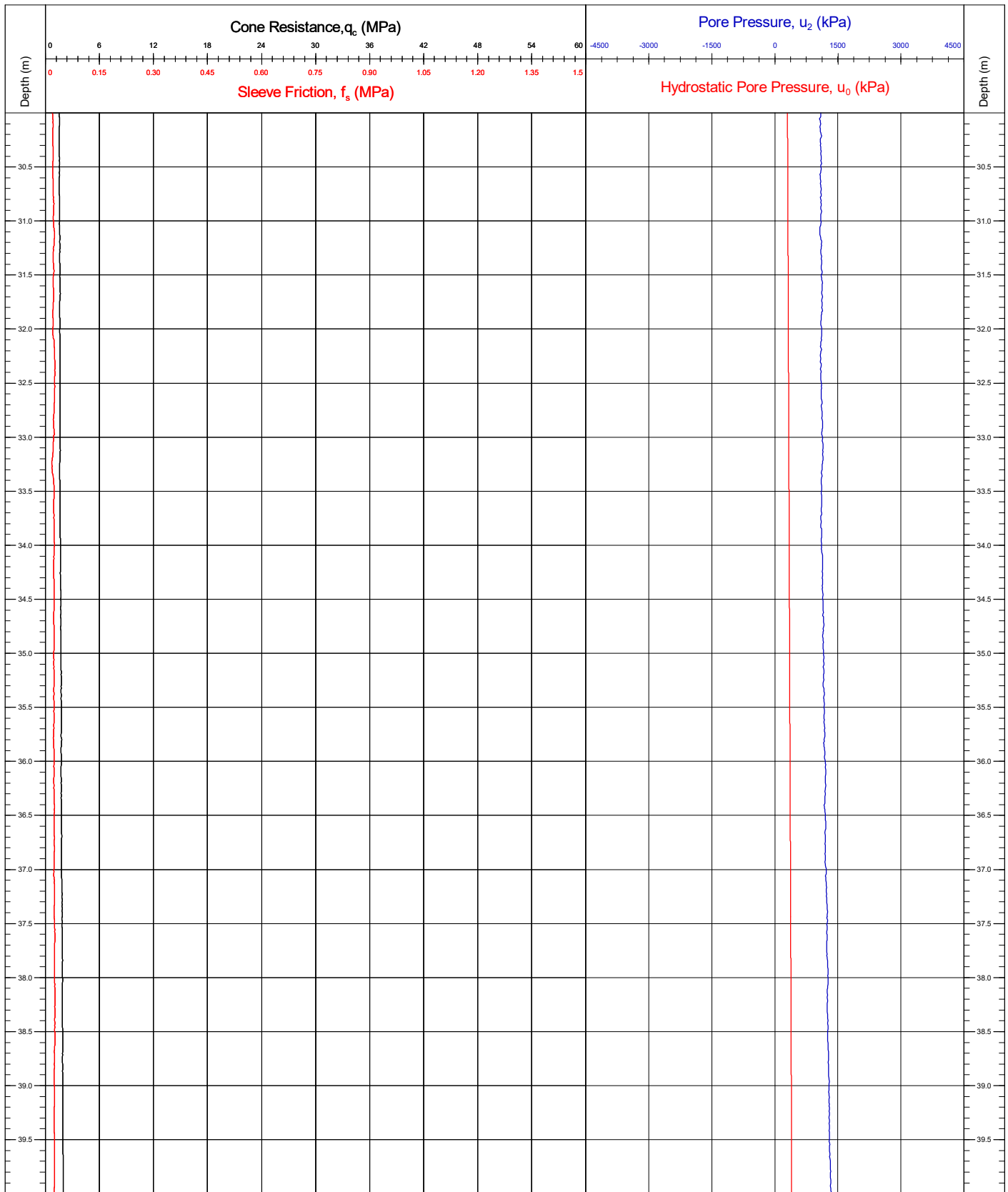


Area	Kattegat Sea	Coordinates	666386.20E	6259316.50N	CPT Number CPT11a
Contract	11596	Latitude / Longitude			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74		
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		Page: 3/5
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend</small>		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81		QC Status
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary Draft Final
		CRS	ETRS89		JK/BC (29/04/2021) DR (10/06/2021) SMC (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

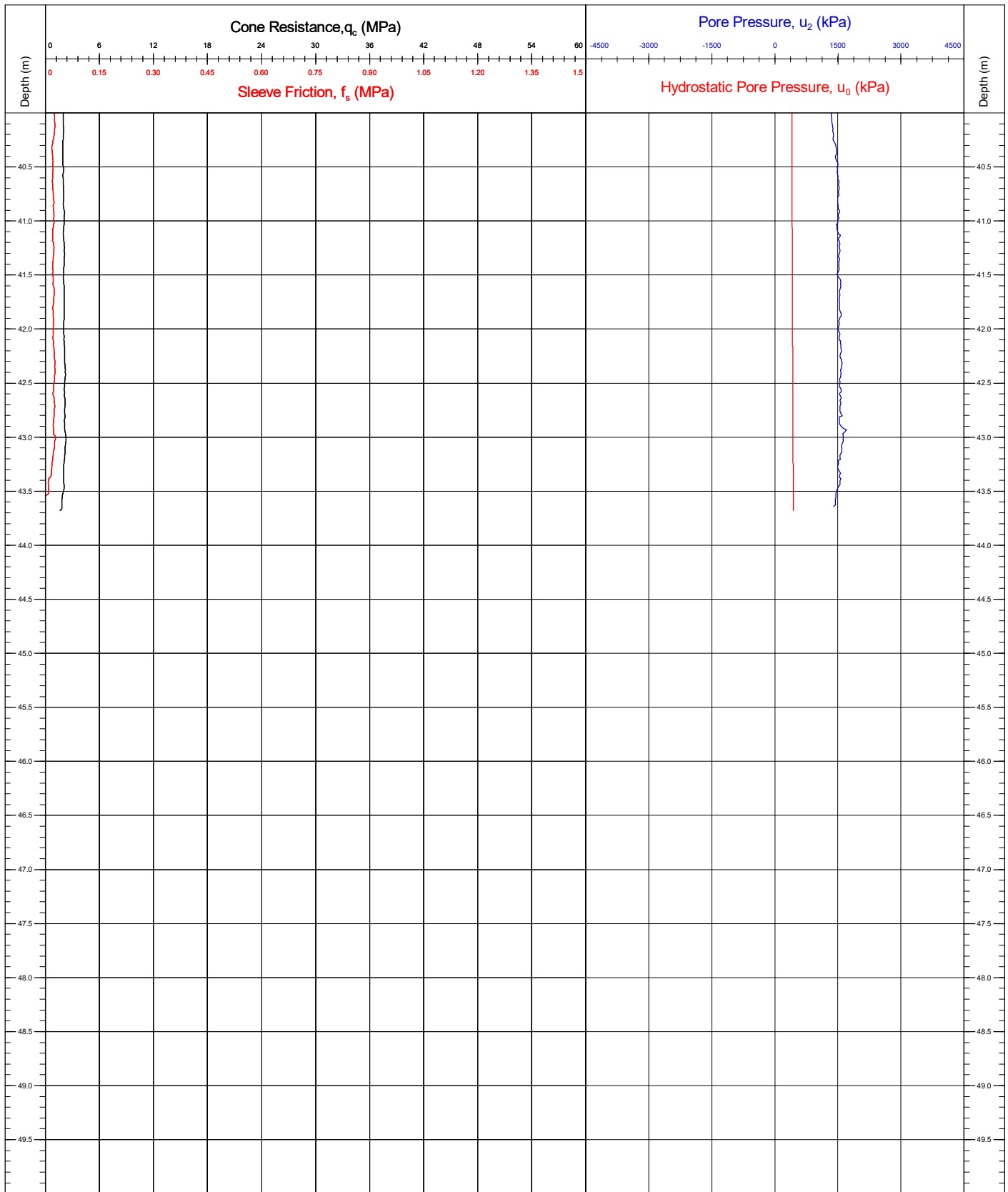


Area	Kattegat Sea	Coordinates	666386.20E	6259316.50N	CPT Number CPT11a		
Contract	11596	Latitude / Longitude					
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74				
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		Page: 4/5		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend</small>		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81		QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary Draft Final		
		CRS	ETRS89		JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

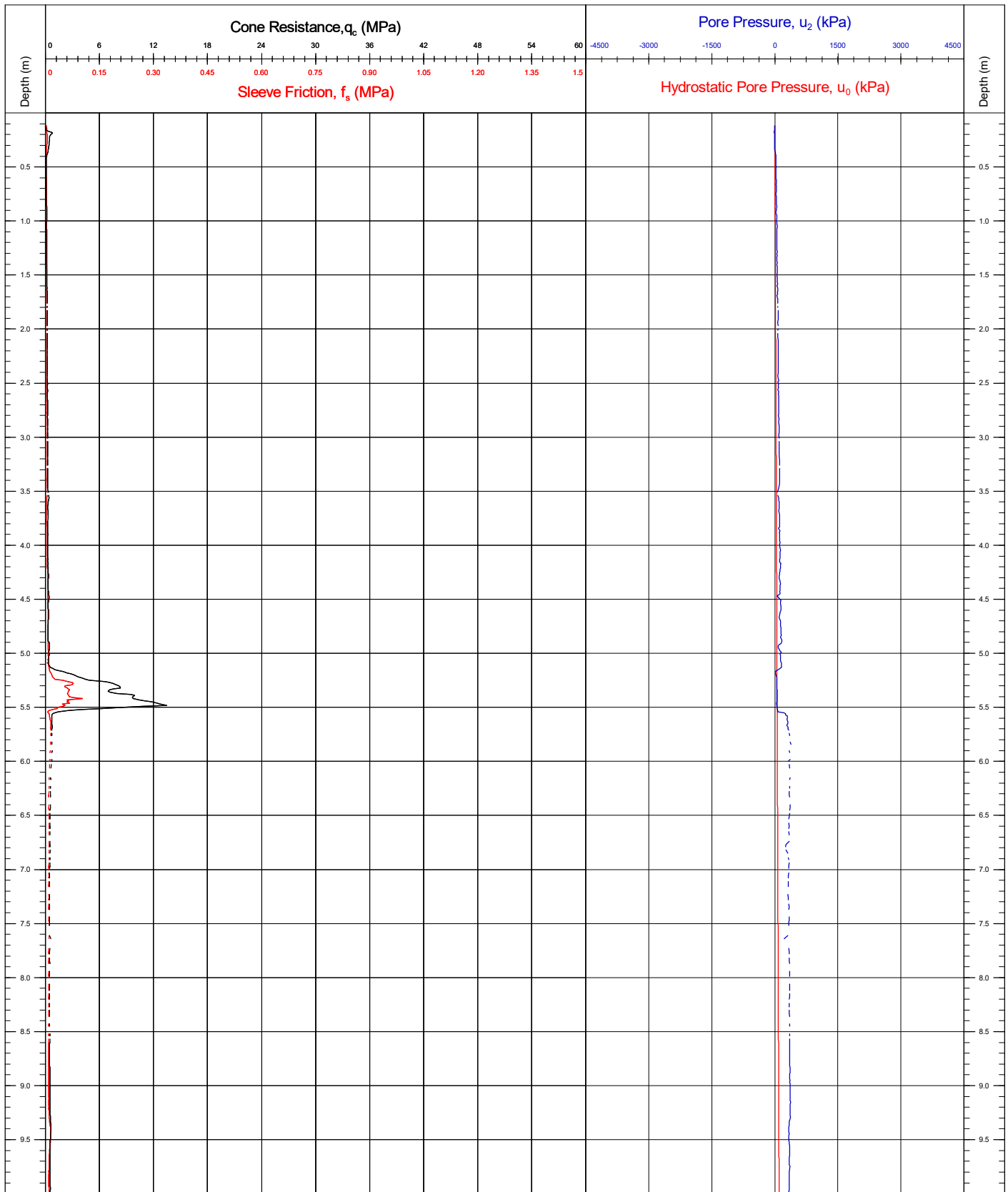


Area	Kattegat Sea	Coordinates	666386.20E	6259316.50N	CPT Number CPT11a		
Contract	11596	Latitude / Longitude					
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74		Page: 5/5		
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81		Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°		Draft		
		CRS	ETRS89		Final		
					JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

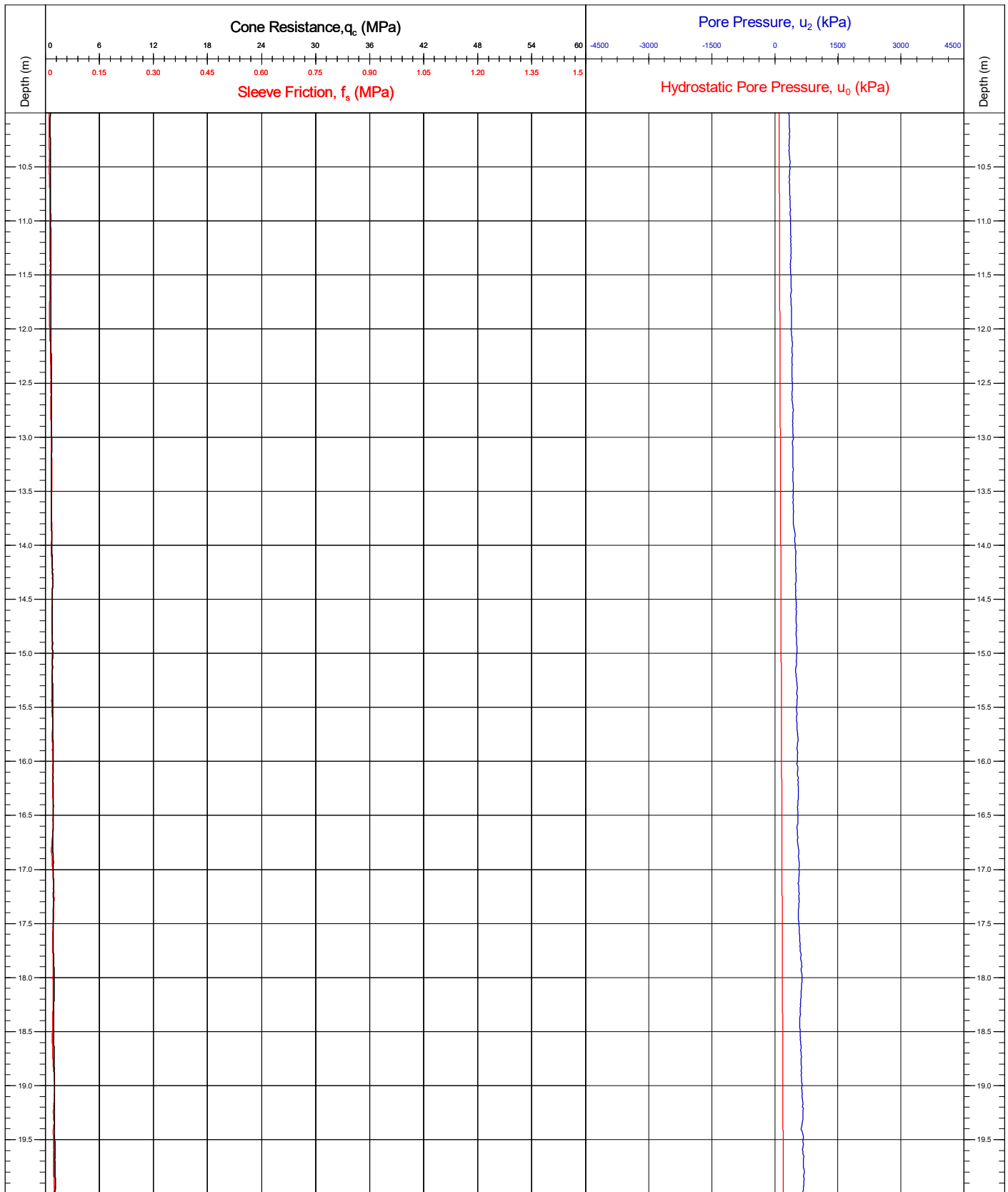


Area	Kattegat Sea	Coordinates	668527.90E 6259970.00N	CPT Number CPT12		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.08	Page: 1/4		
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final		
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

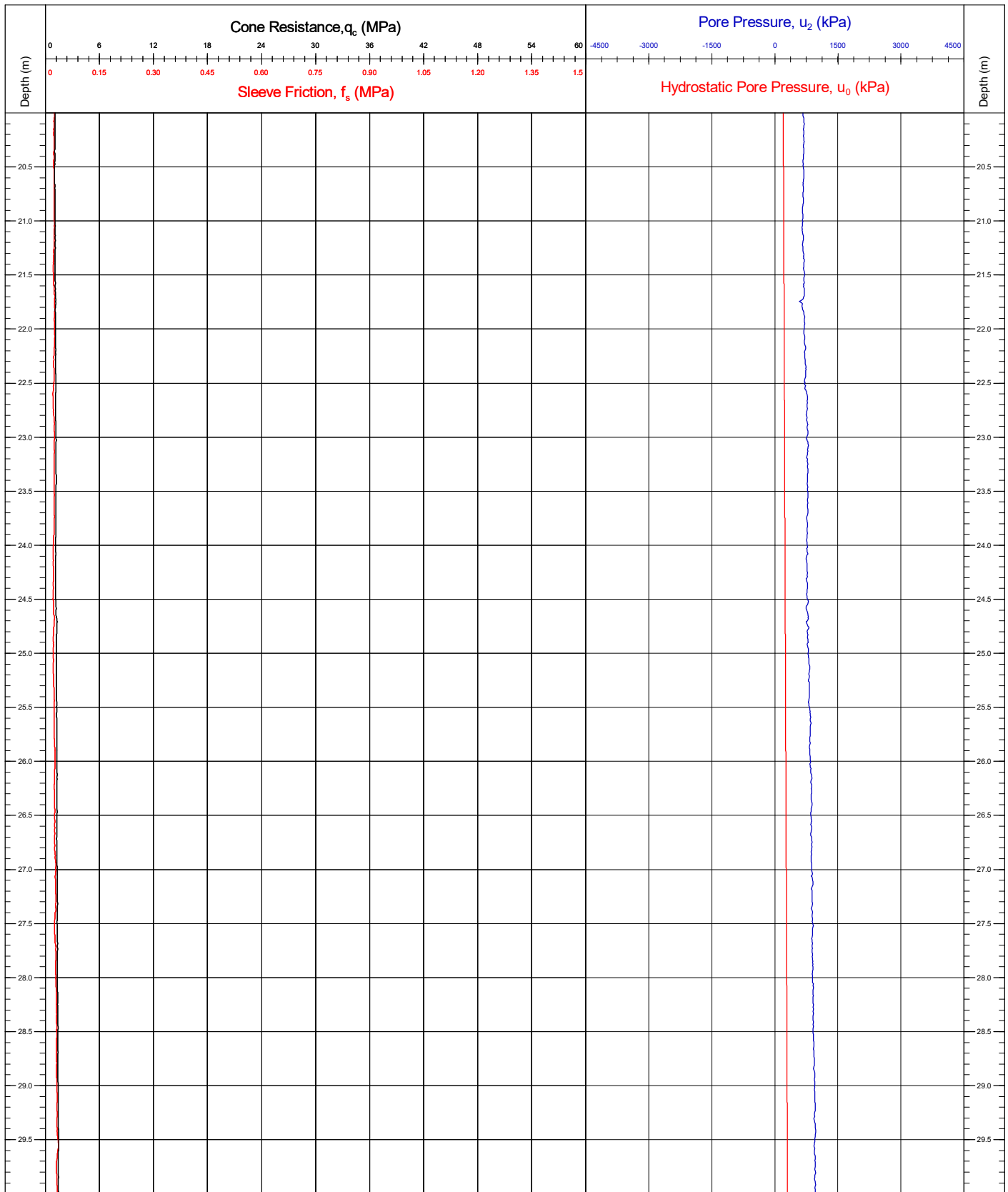


Area	Kattegat Sea	Coordinates	668527.90E 6259970.00N	CPT Number							
Contract	11596	Latitude / Longitude		CPT12							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.08	Page: 2/4							
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status							
Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/α Factor	181005 (10cm ²) / 0.73	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(29/04/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>		Preliminary	Draft	Final	JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
		Preliminary	Draft			Final					
		JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>			SMc <small>(10/11/2021)</small>					
Base Inclination	X = 1.2° / Y = 0.8°										
CRS	ETRS89										

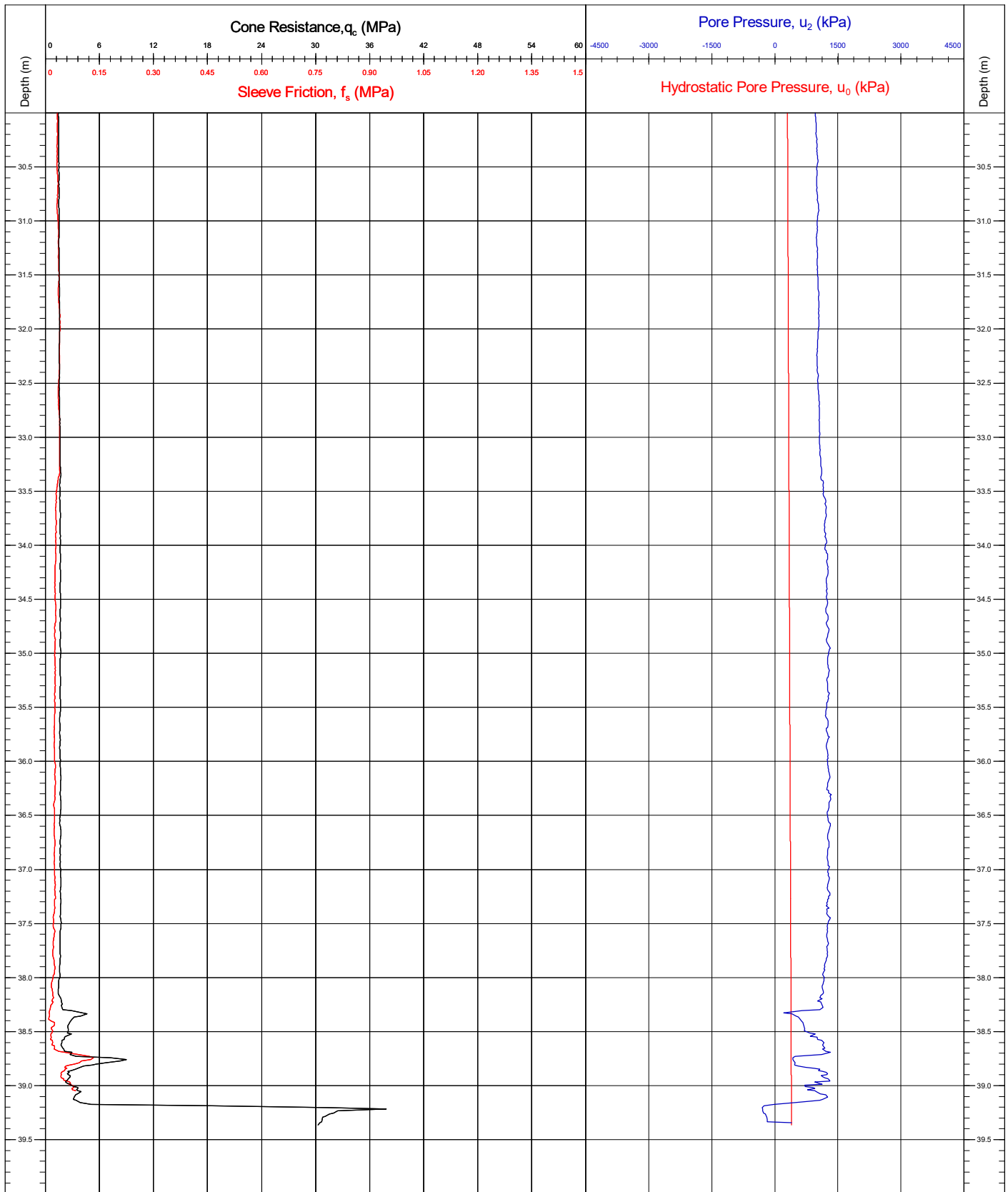


Preliminary Investigation, Hesselø OWF

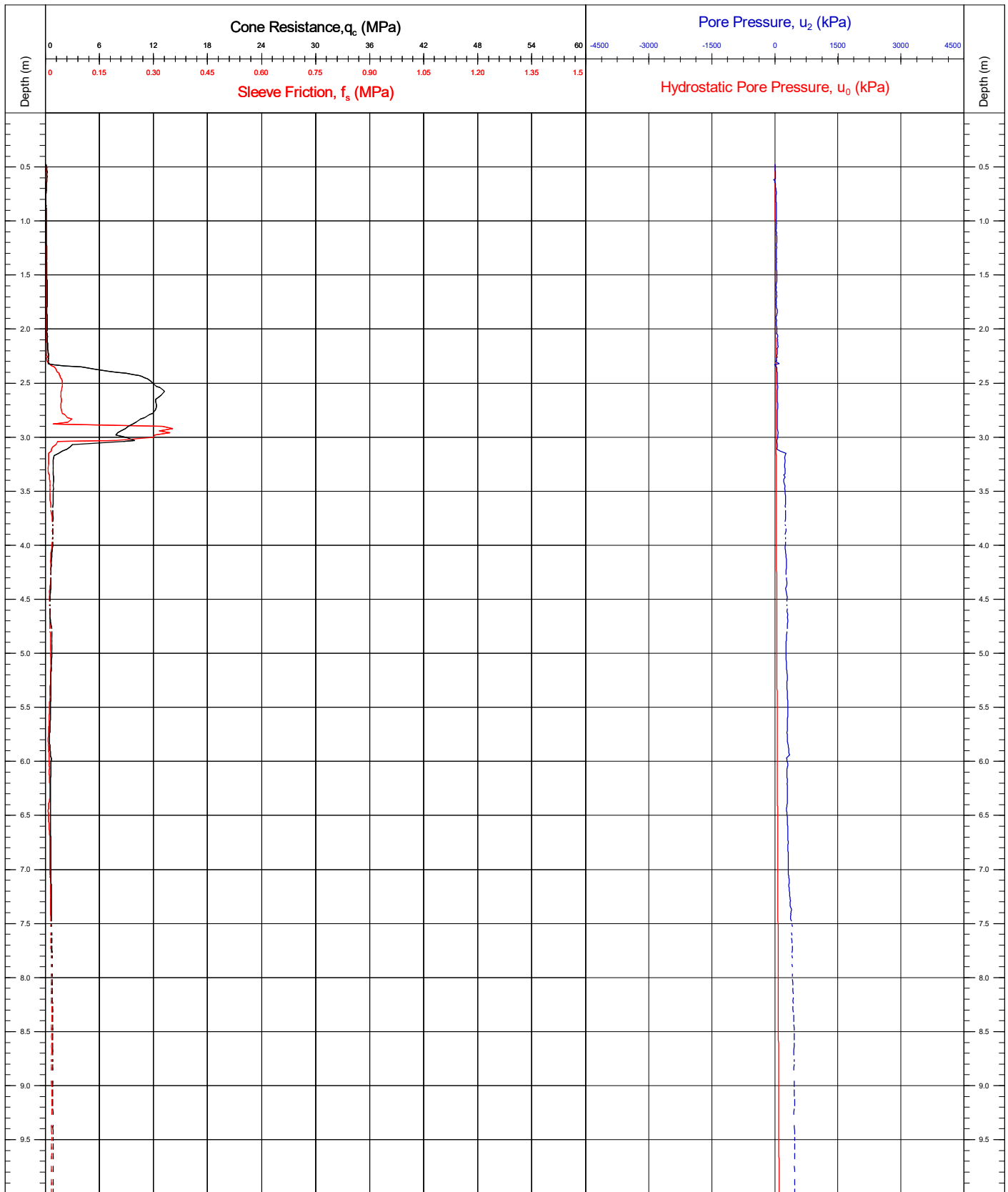
IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	668527.90E 6259970.00N	CPT Number	
Contract	11596	Latitude / Longitude		CPT12	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.08	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Area	Kattegat Sea	Coordinates	668527.90E 6259970.00N	CPT Number	
Contract	11596	Latitude / Longitude		CPT12	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.08	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/α Factor	181005 (10cm ²) / 0.73	Preliminary	
		Base Inclination	X = 1.2° / Y = 0.8°	Draft	
		CRS	ETRS89	Final	
				JK/BC (29/04/2021)	DR (10/06/2021)
				SMc (10/11/2021)	

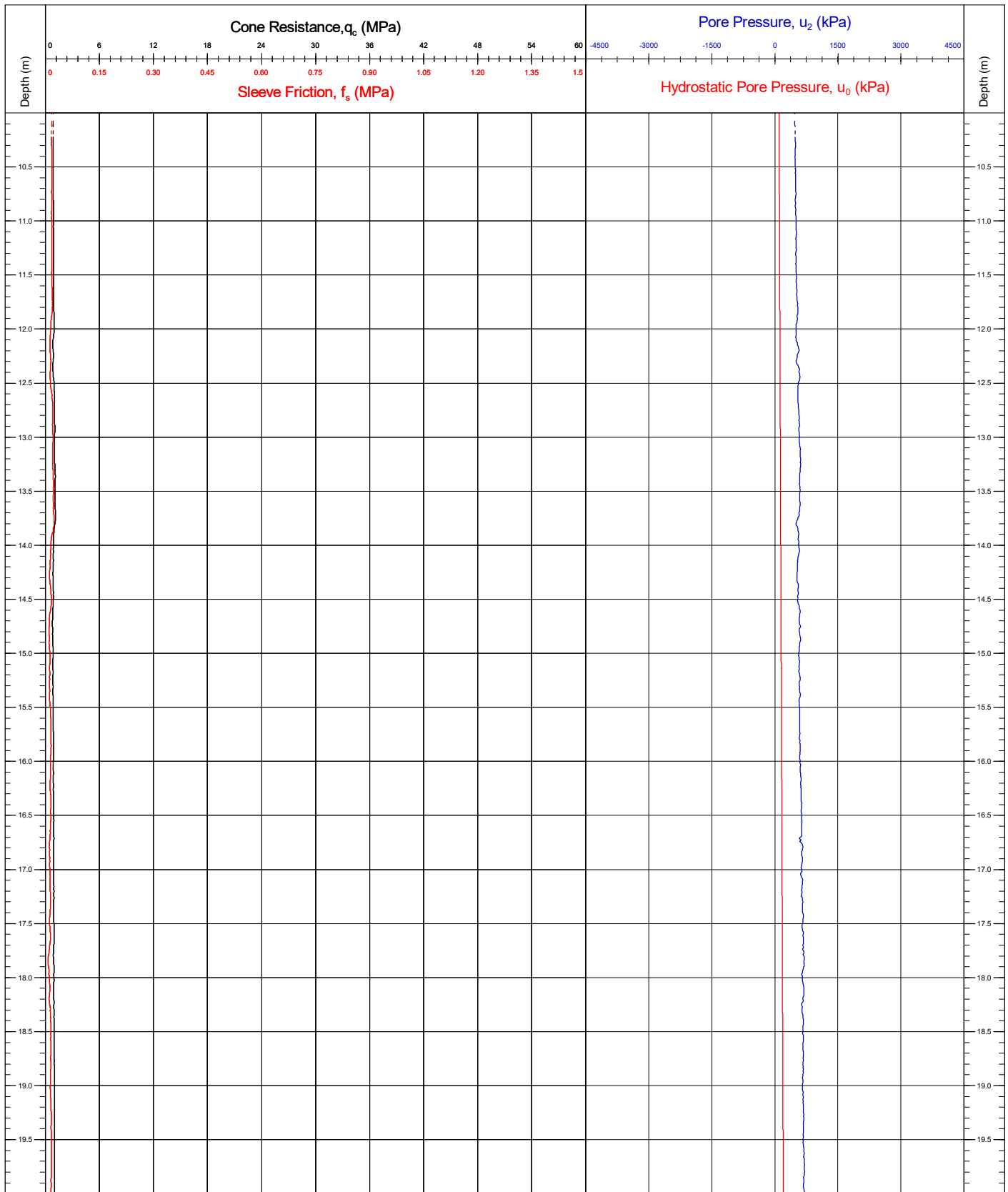


Area	Kattegat Sea	Coordinates	671351.30E 6258725.40N	CPT Number			
Contract	11596	Latitude / Longitude		CPT13			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.34				
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 1/4			
Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.				QC Status			
				Cone No.(size)/ α Factor	181009 (10cm ²) / 0.86		
		Base Inclination	X = 1.2° / Y = 0.8°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

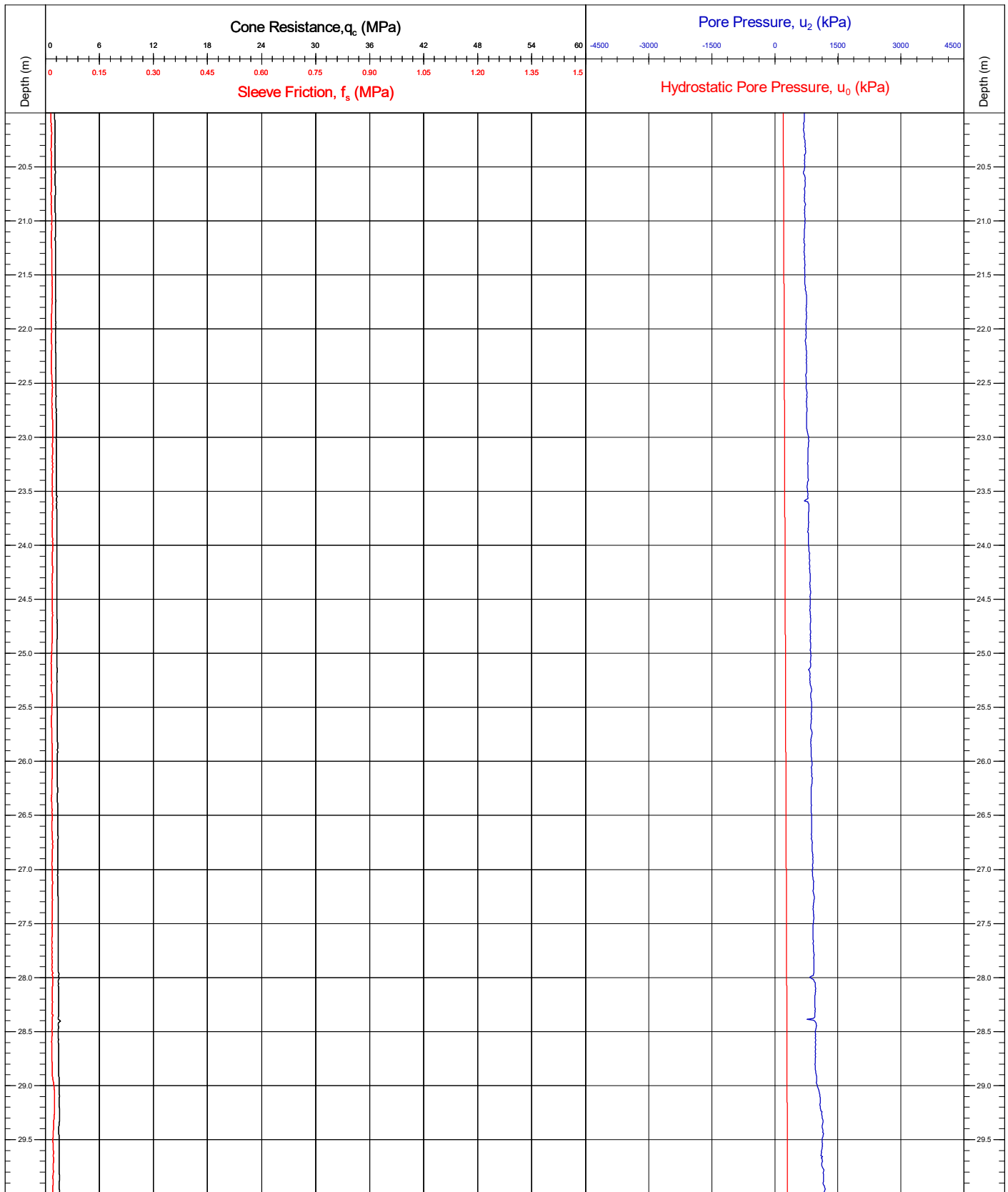


Area	Kattegat Sea	Coordinates	671351.30E 6258725.40N	CPT Number CPT13		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.34	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status		
Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.		Cone No.(size)/ α Factor	181009 (10cm ²) / 0.86	Preliminary		
		Base Inclination	X = 1.2° / Y = 0.8°	Draft		
		CRS	ETRS89	Final		
				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

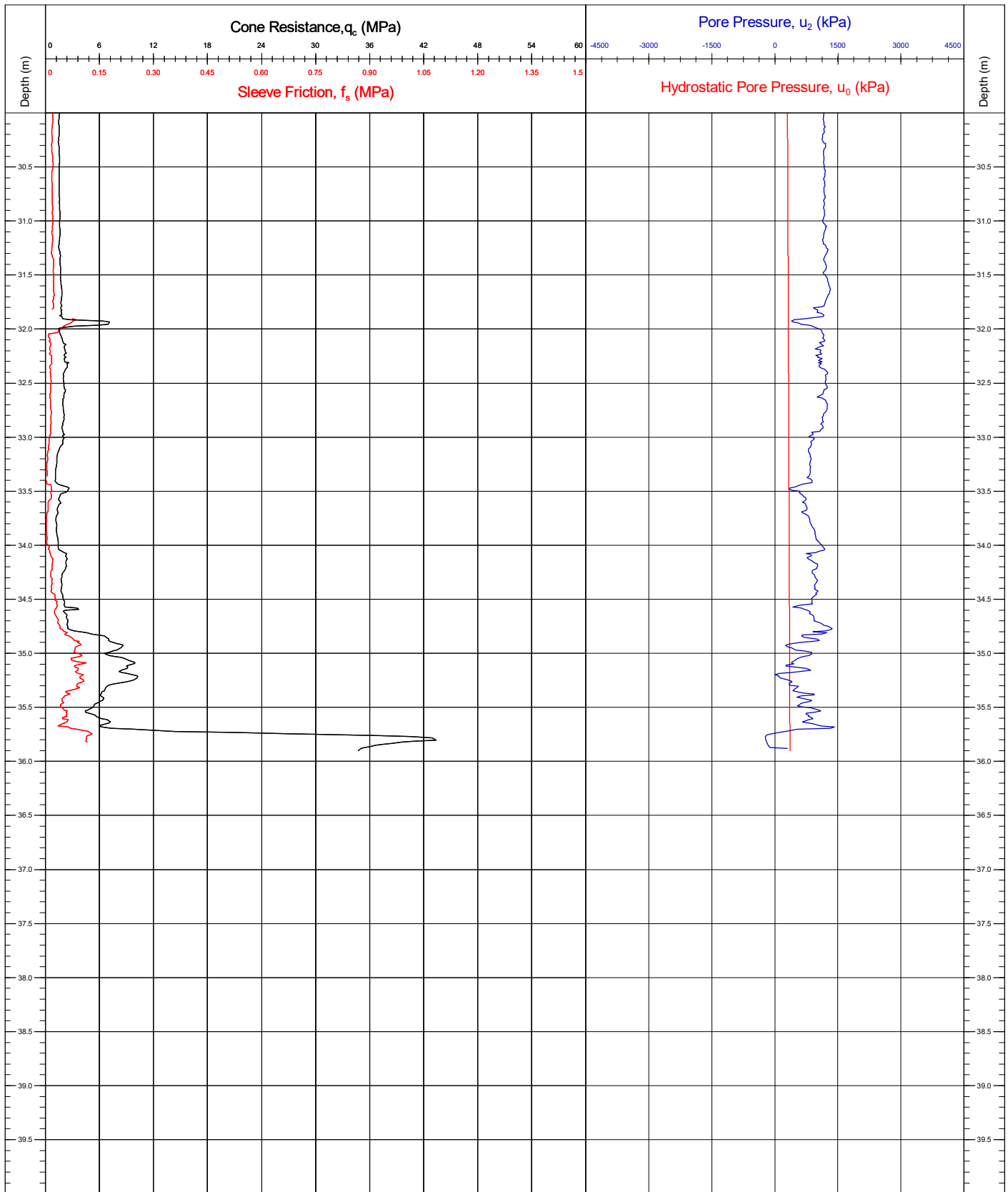


Area	Kattegat Sea	Coordinates	671351.30E 6258725.40N	CPT Number	
Contract	11596	Latitude / Longitude		CPT13	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.34	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.		Cone No.(size)/α Factor	181009 (10cm ²) / 0.86	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC DR SMc	
		CRS	ETRS89	(30/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

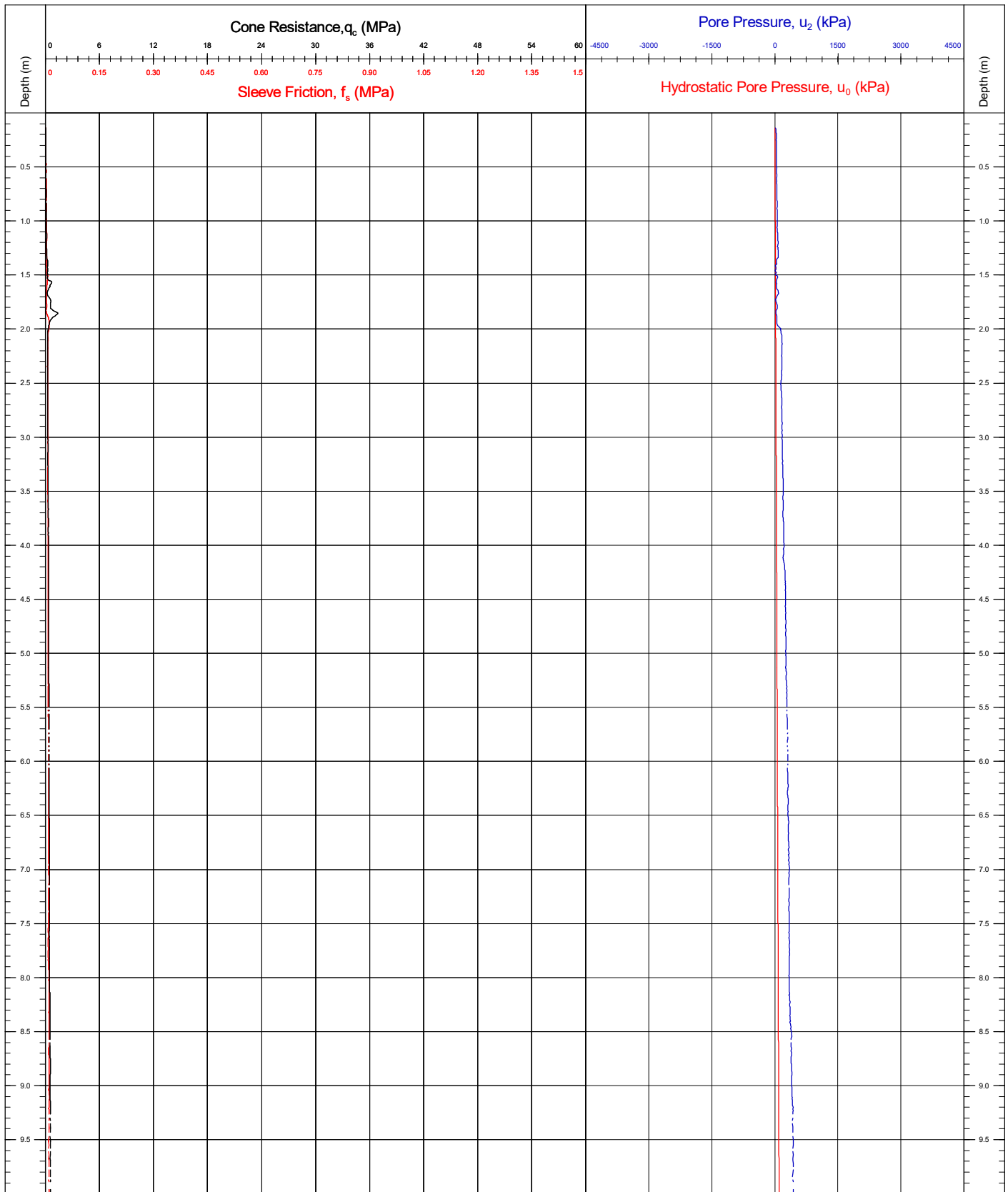


Area	Kattegat Sea	Coordinates	671351.30E 6258725.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT13		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.34			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 4/4		
Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.				QC Status		
				Cone No.(size)/ α Factor	181009 (10cm ²) / 0.86	
		Base Inclination	X = 1.2° / Y = 0.8°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

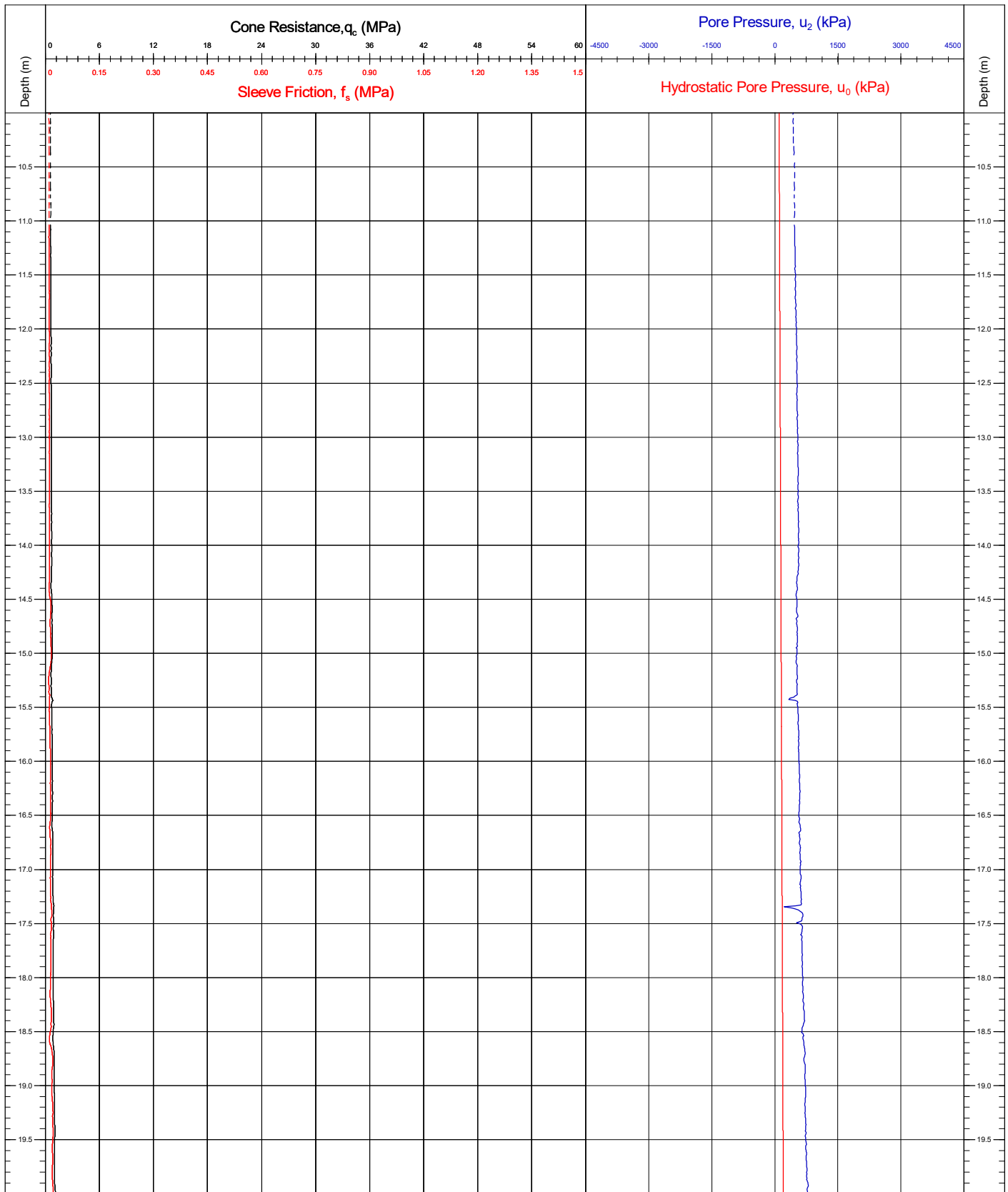


Area	Kattegat Sea	Coordinates	676578.20E	6259609.00N	CPT Number
Contract	11596	Latitude / Longitude			CPT14
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.28		Page: 1/3
Vessel	MV Ocean Vantage	Date of Test	26/04/2021		QC Status
Comments: Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination					
		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = -0.3° / Y = 1.8°		Draft
		CRS	ETRS89		Final
			JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

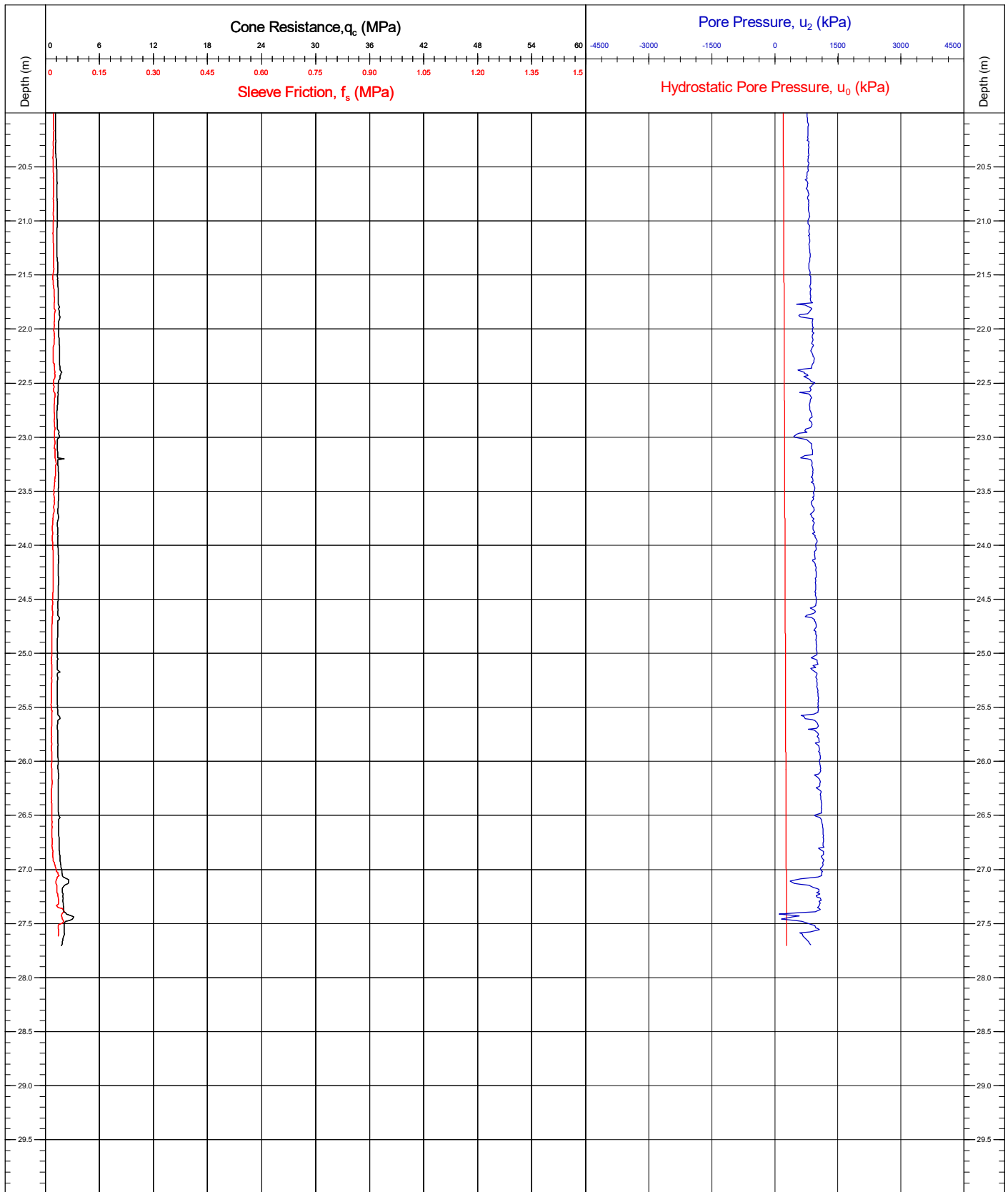


Area	Kattegat Sea	Coordinates	676578.20E	6259609.00N	CPT Number
Contract	11596	Latitude / Longitude			CPT14
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.28		Page: 2/3
Vessel	MV Ocean Vantage	Date of Test	26/04/2021		QC Status
Comments: Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = -0.3° / Y = 1.8°		Draft
		CRS	ETRS89		Final
			JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)

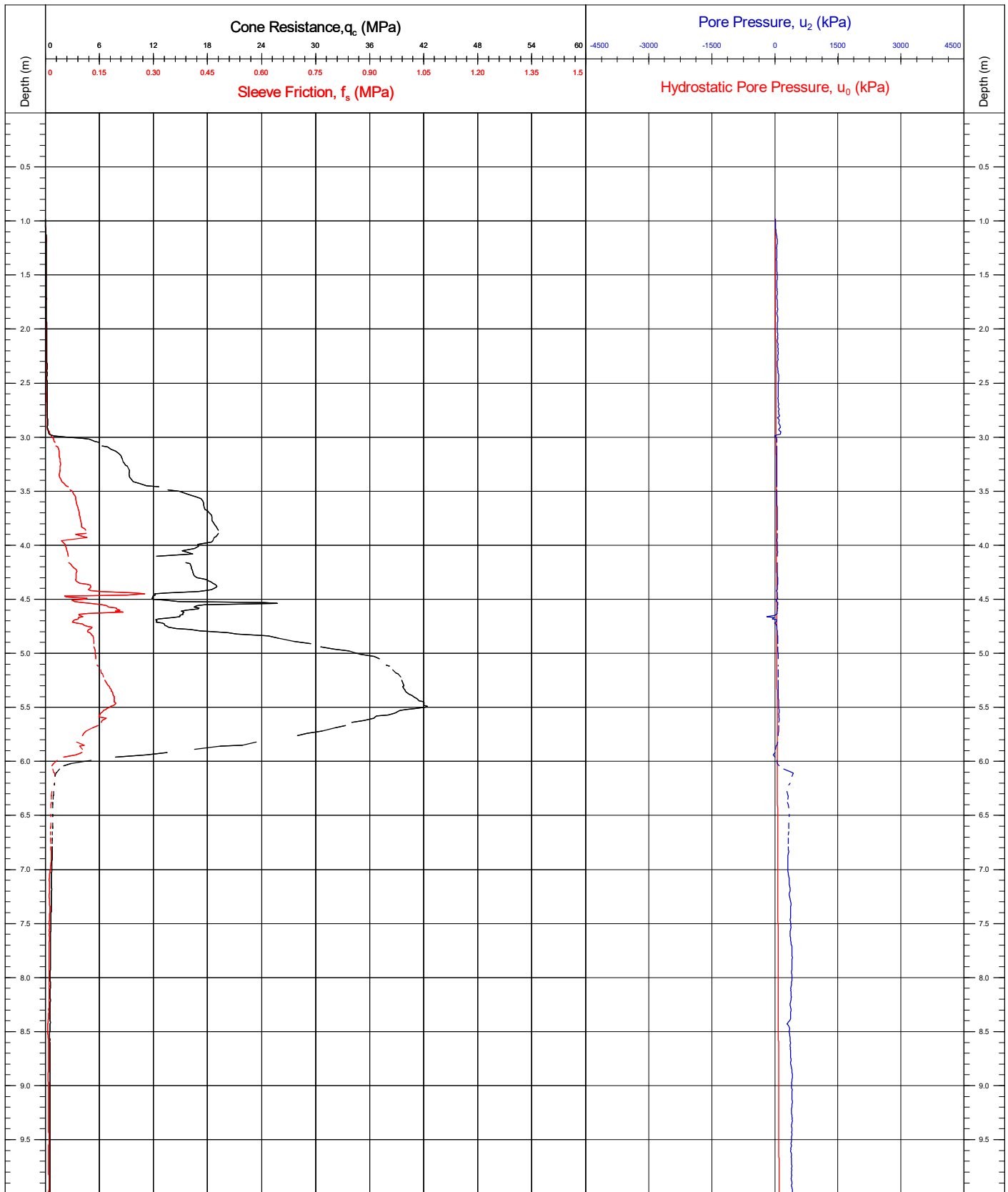


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	676578.20E 6259609.00N	CPT Number CPT14		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.28	Page: 3/3		
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status		
<small>Comments: Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination</small>		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77	Preliminary		
		Base Inclination	X = -0.3° / Y = 1.8°	Draft		
		CRS	ETRS89	Final		
				JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)

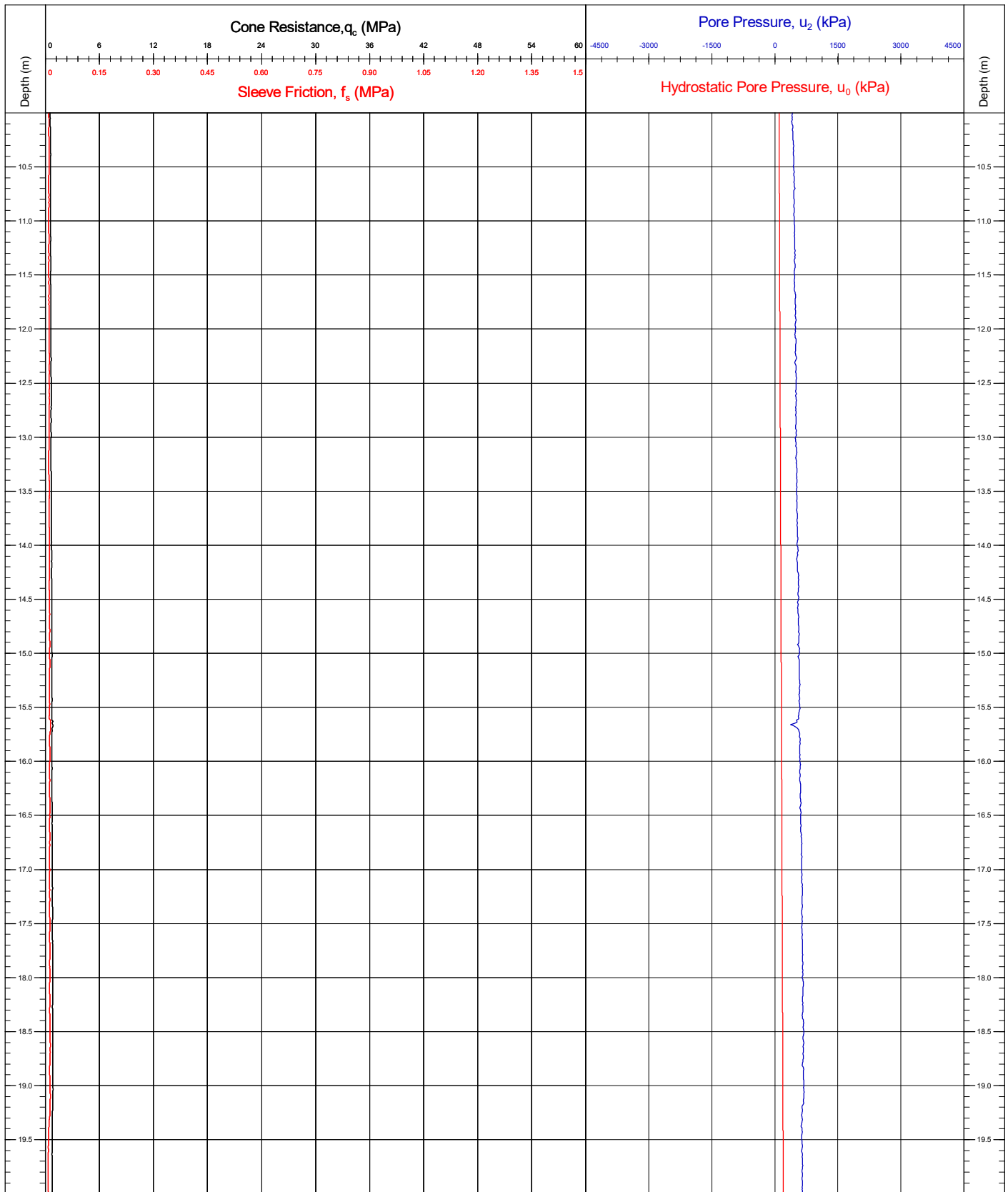


Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT15	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01	Page: 1/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.8°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

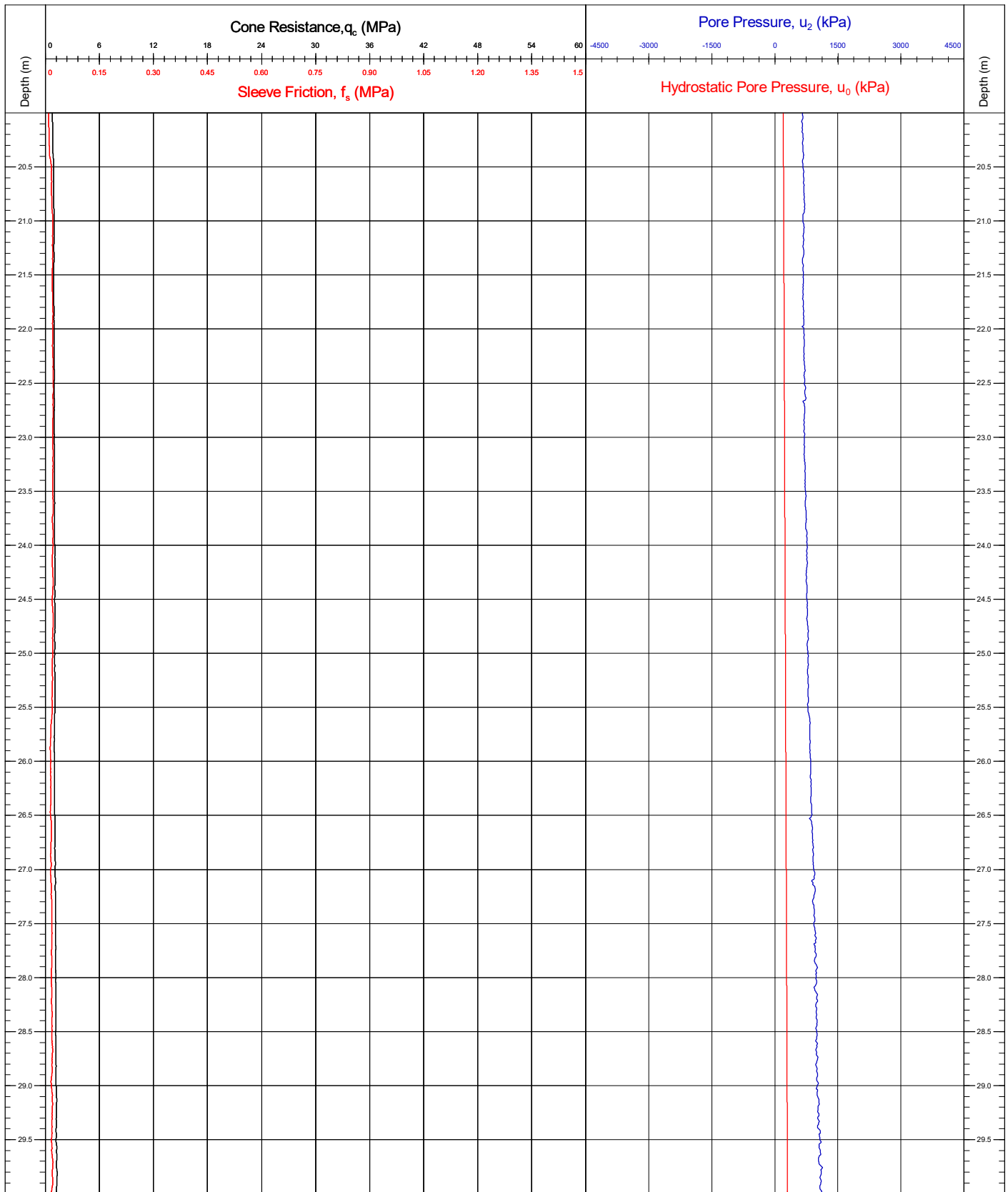


Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT15	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01	Page: 2/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.8°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

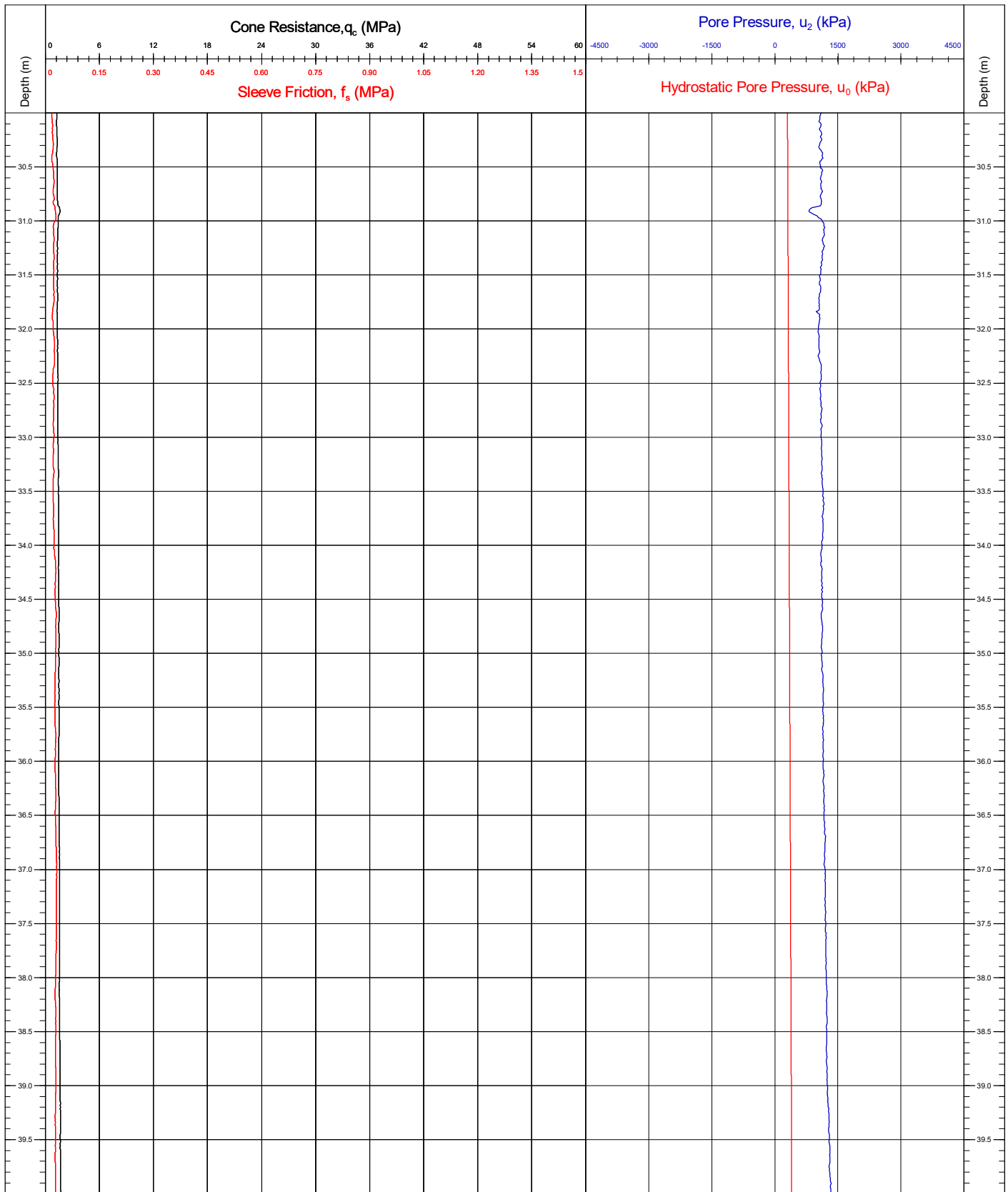


Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT15	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01	Page: 3/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.8°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)

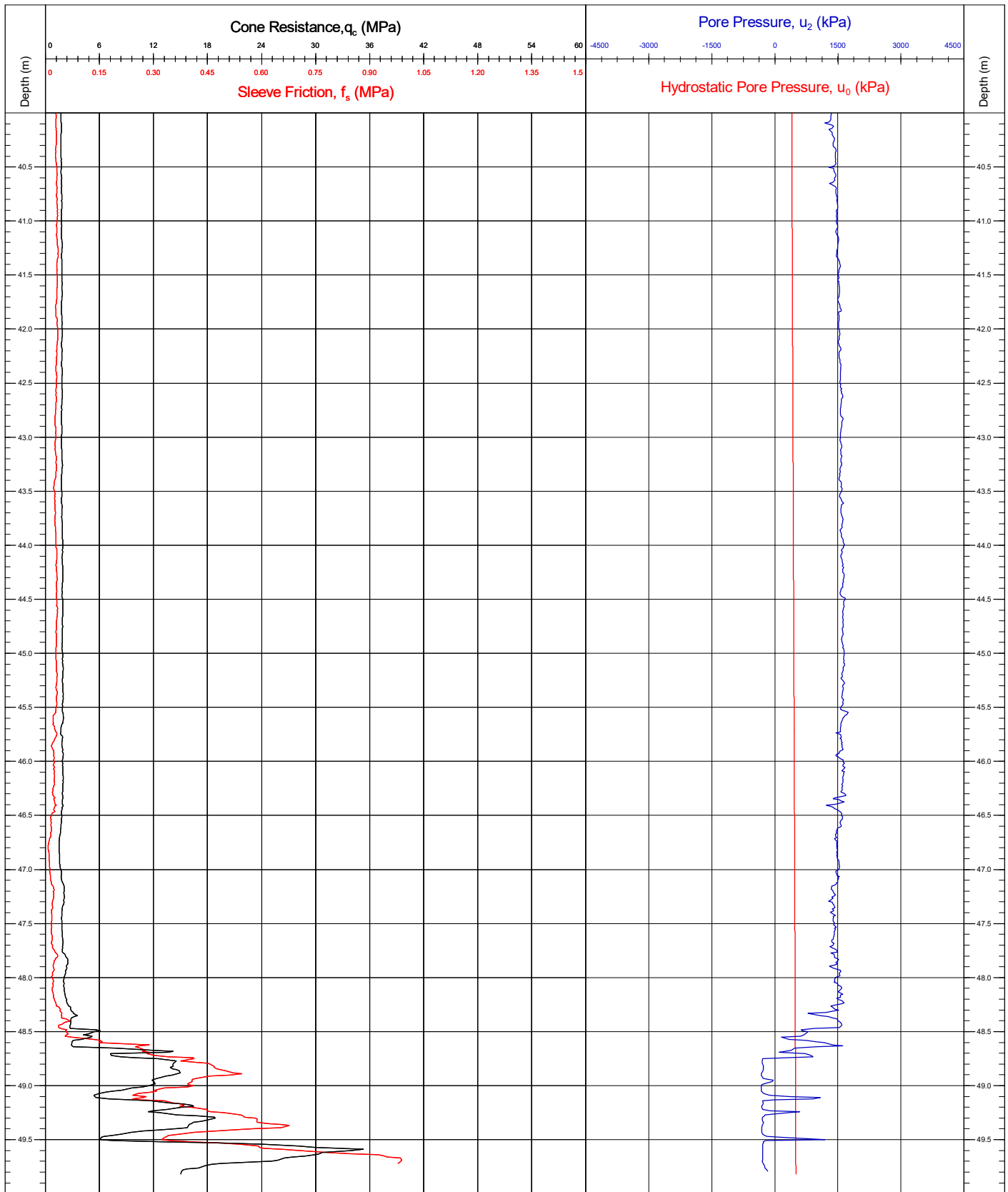


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT15	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01	Page: 4/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.8°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	

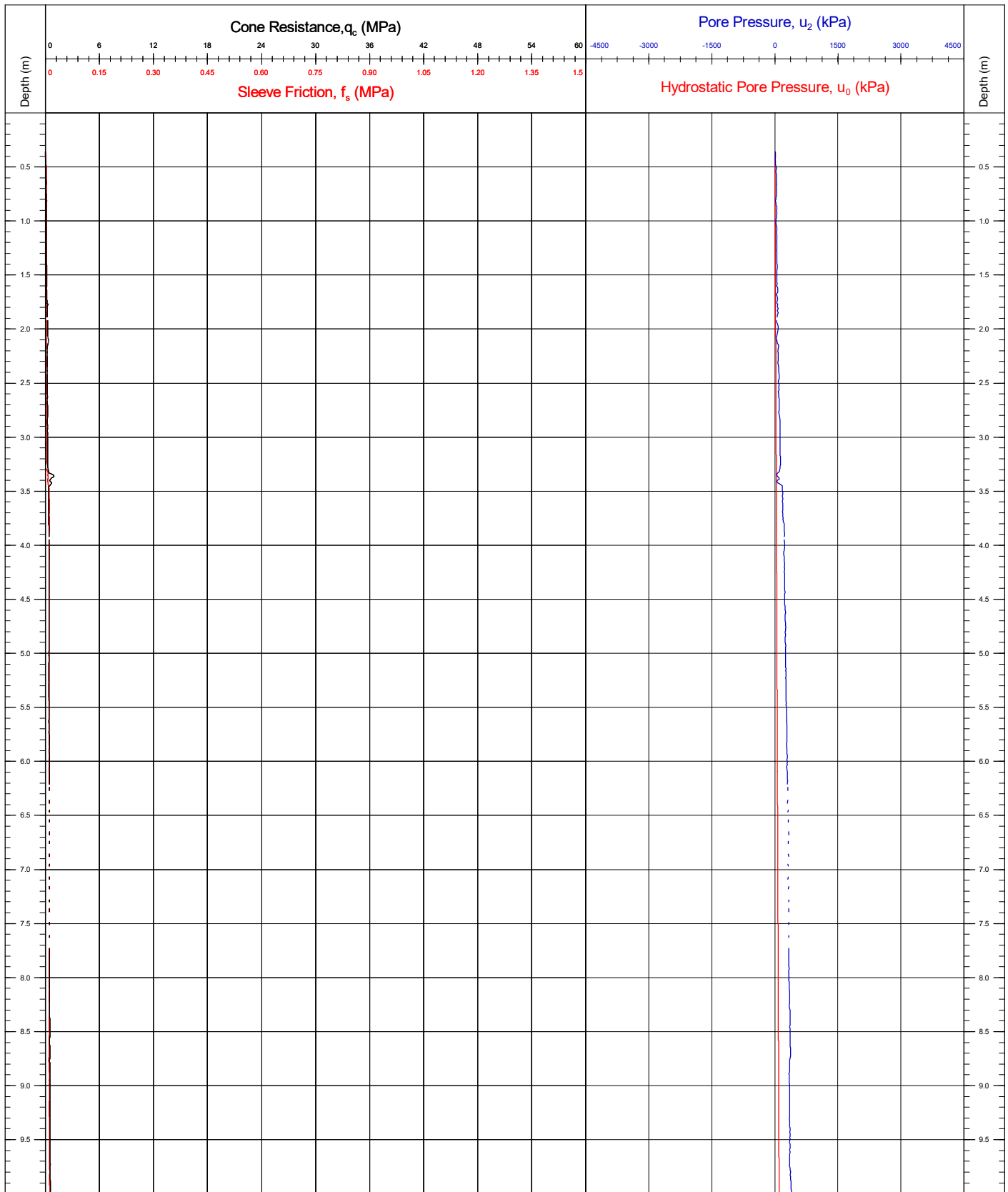


Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT15	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01	Page: 5/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.8°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

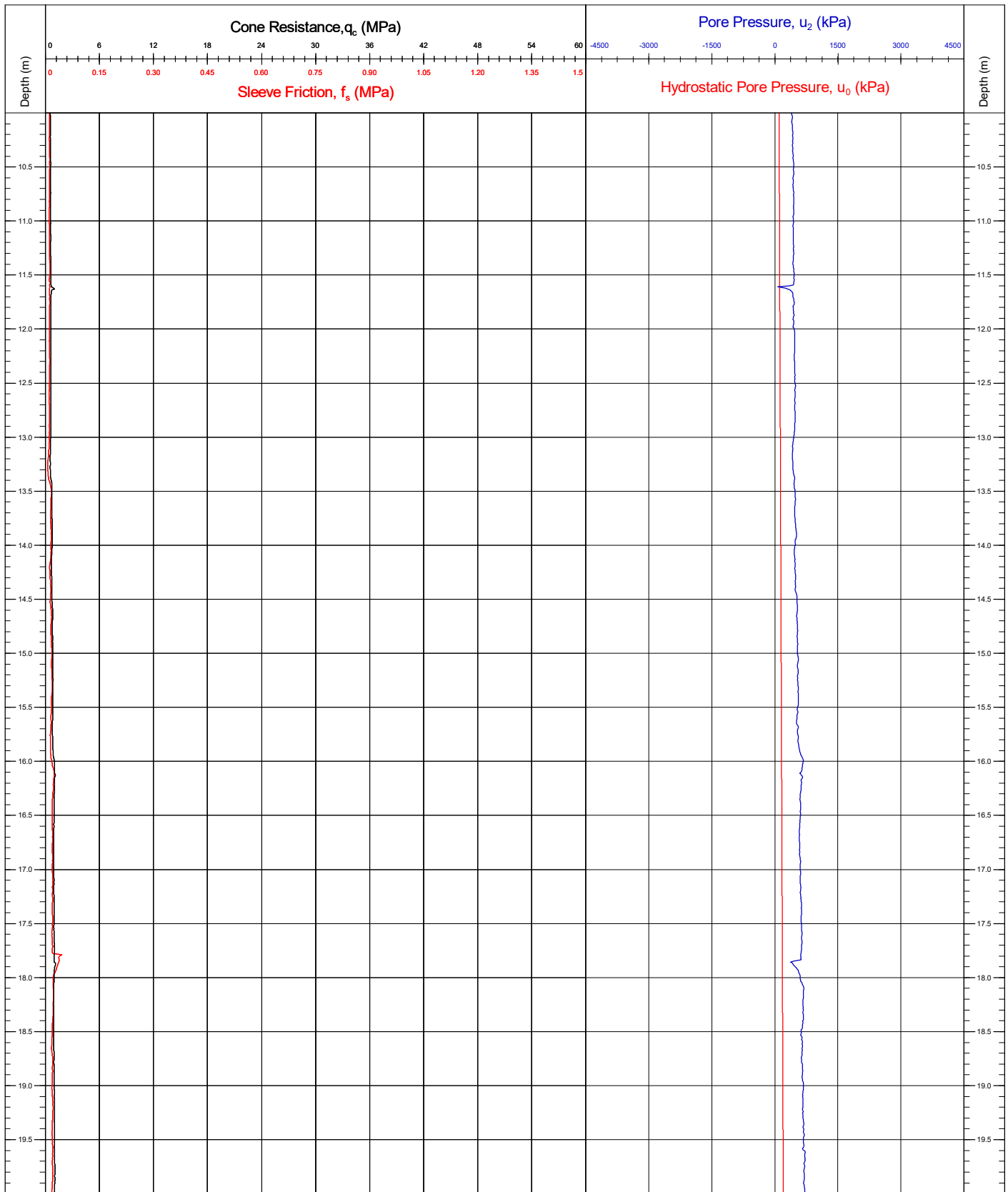


Area	Kattegat Sea	Coordinates	672157.80E 6263407.00N	CPT Number CPT16		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.87	Page: 1/3		
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

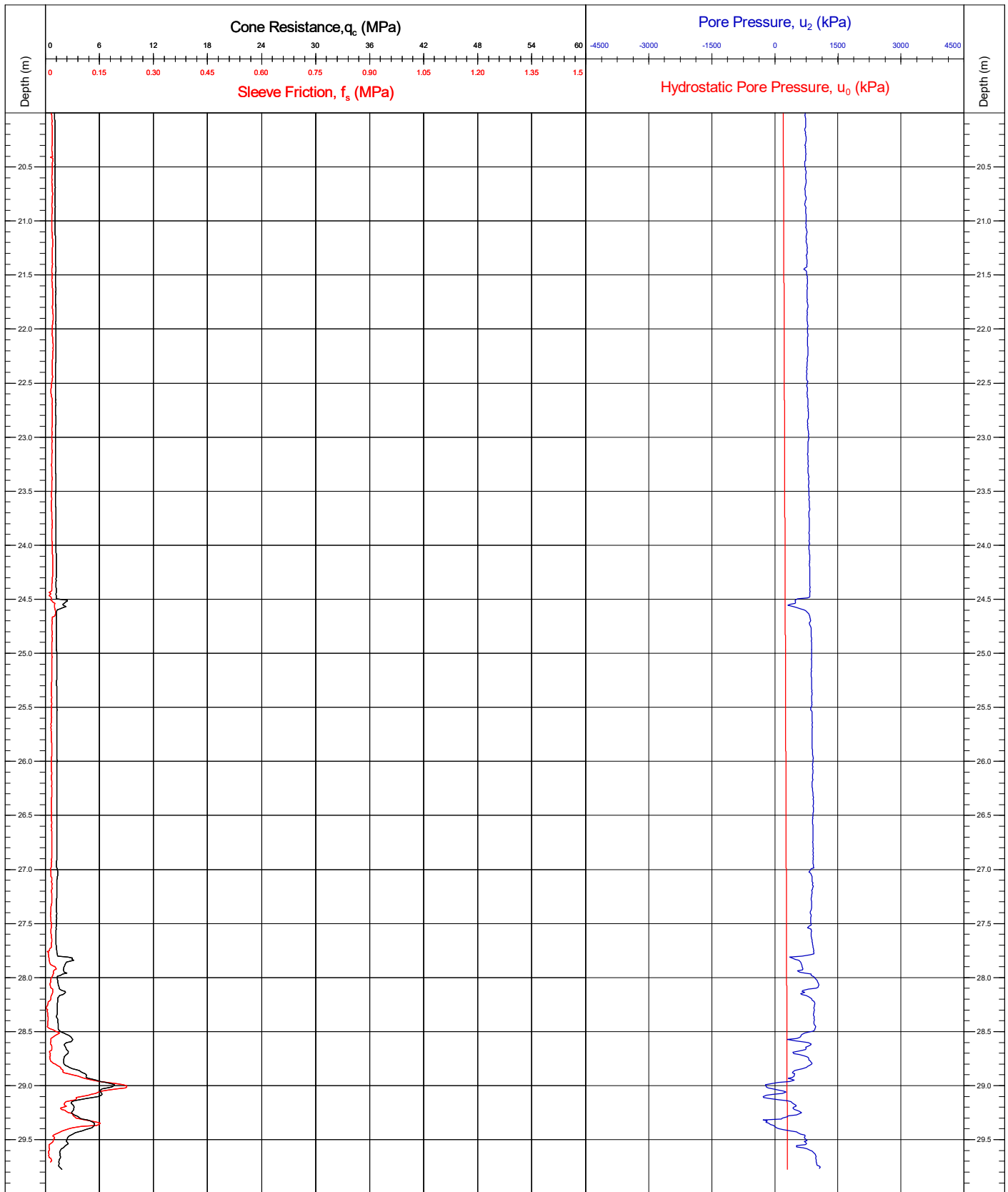


Area	Kattegat Sea	Coordinates	672157.80E	6263407.00N	CPT Number
Contract	11596	Latitude / Longitude			CPT16
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.87		Page: 2/3
Vessel	MV Ocean Vantage	Date of Test	30/04/2021		QC Status
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.</small>		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81		
		Base Inclination	X = 1.1° / Y = 1.0°		
		CRS	ETRS89		
		Preliminary	Draft	Final	
		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

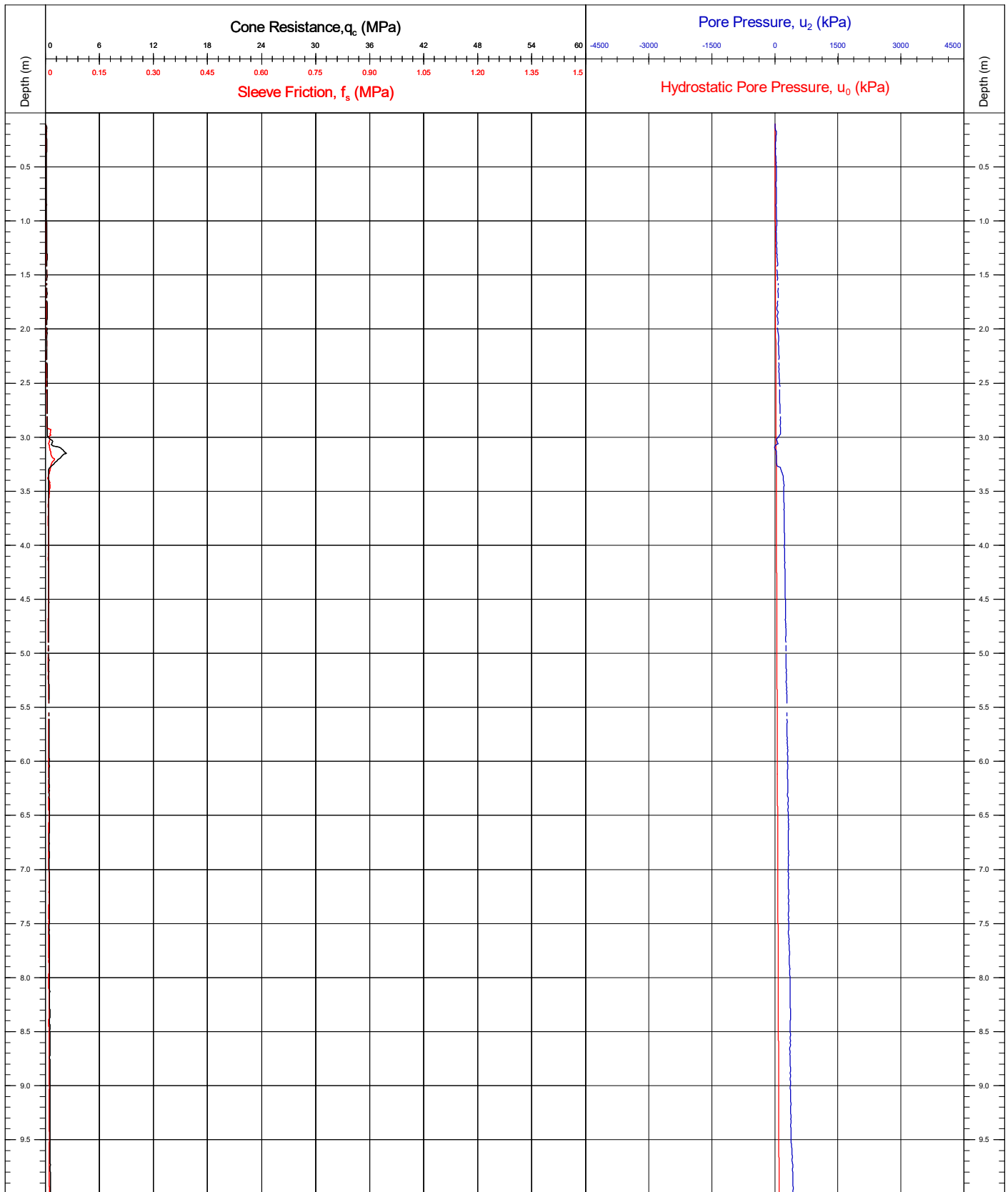


Area	Kattegat Sea	Coordinates	672157.80E 6263407.00N	CPT Number CPT16		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.87	Page: 3/3		
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final		
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR	SMc
		CRS	ETRS89	(30/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

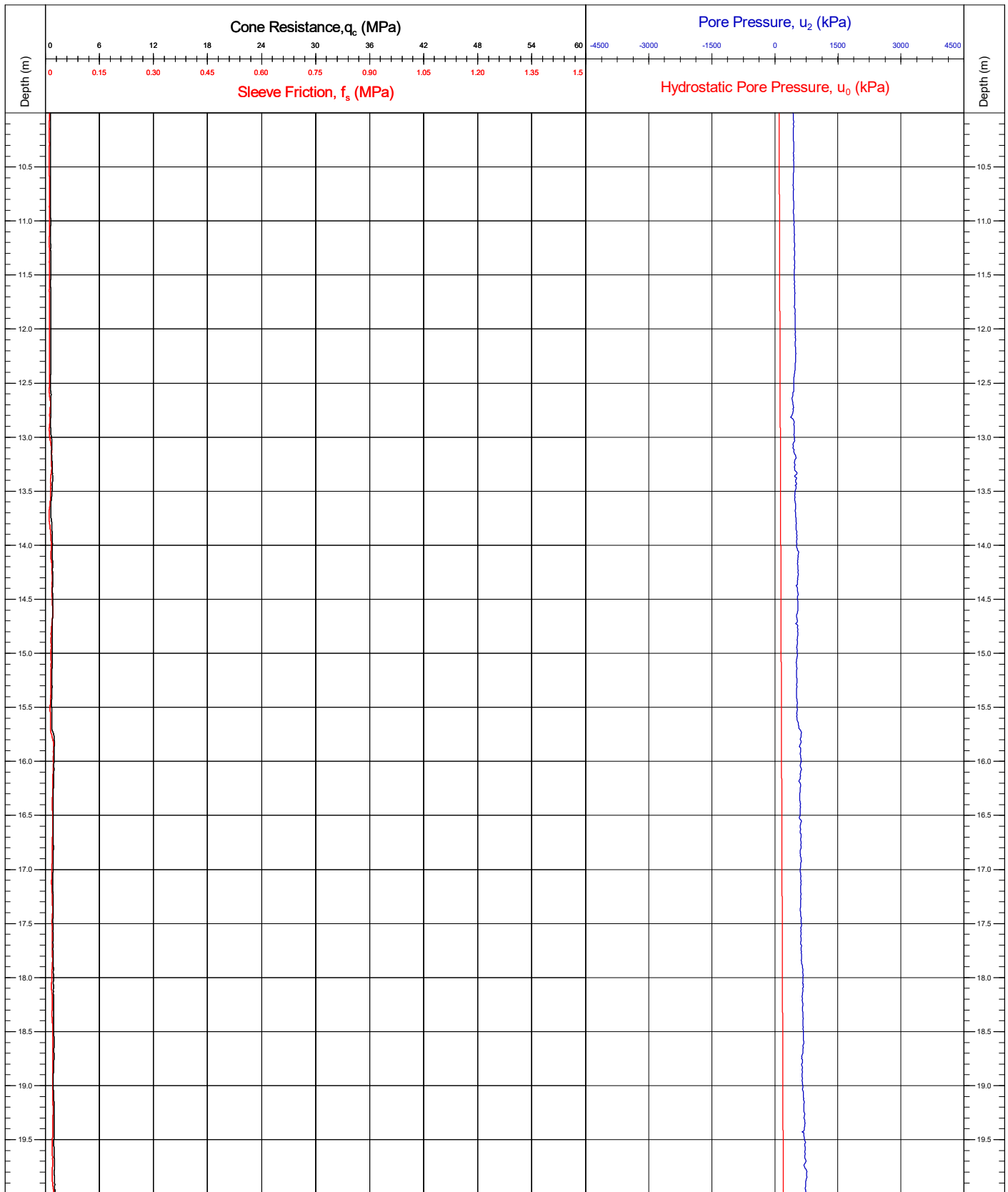


Area	Kattegat Sea	Coordinates	672157.00E 6263401.90N	CPT Number CPT16a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.74	Page: 1/4		
Vessel	MV Ocean Vantage	Date of Test	08/05/2021	QC Status		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final		
		Base Inclination	X = 1.0° / Y = 1.0°	JK/BC	DR	SMc
		CRS	ETRS89	(08/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

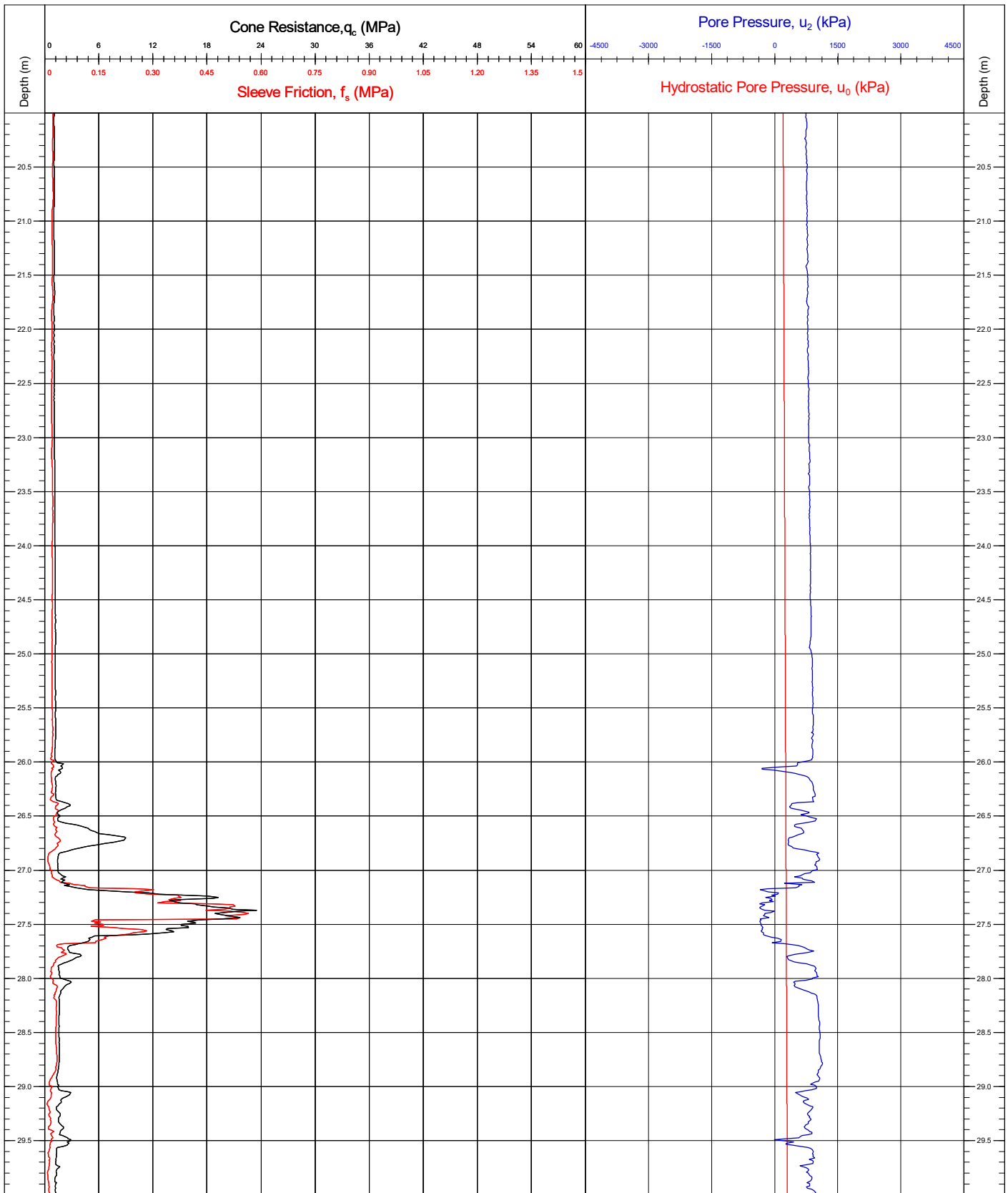


Area	Kattegat Sea	Coordinates	672157.00E 6263401.90N	CPT Number CPT16a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.74	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test	08/05/2021	QC Status		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary		
		Base Inclination	X = 1.0° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (08/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

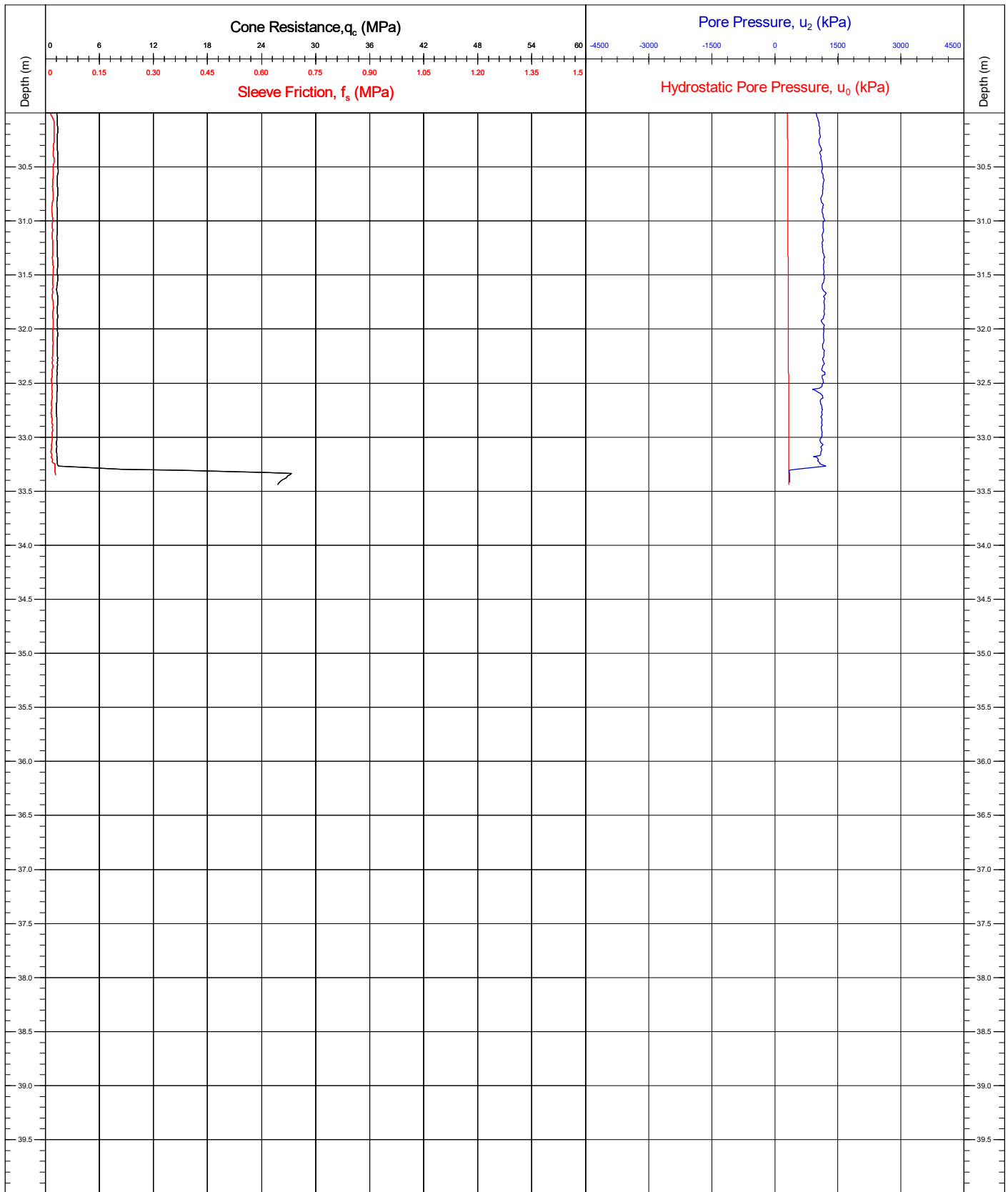


Area	Kattegat Sea	Coordinates	672157.00E 6263401.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT16a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.74	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	08/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.0° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(08/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

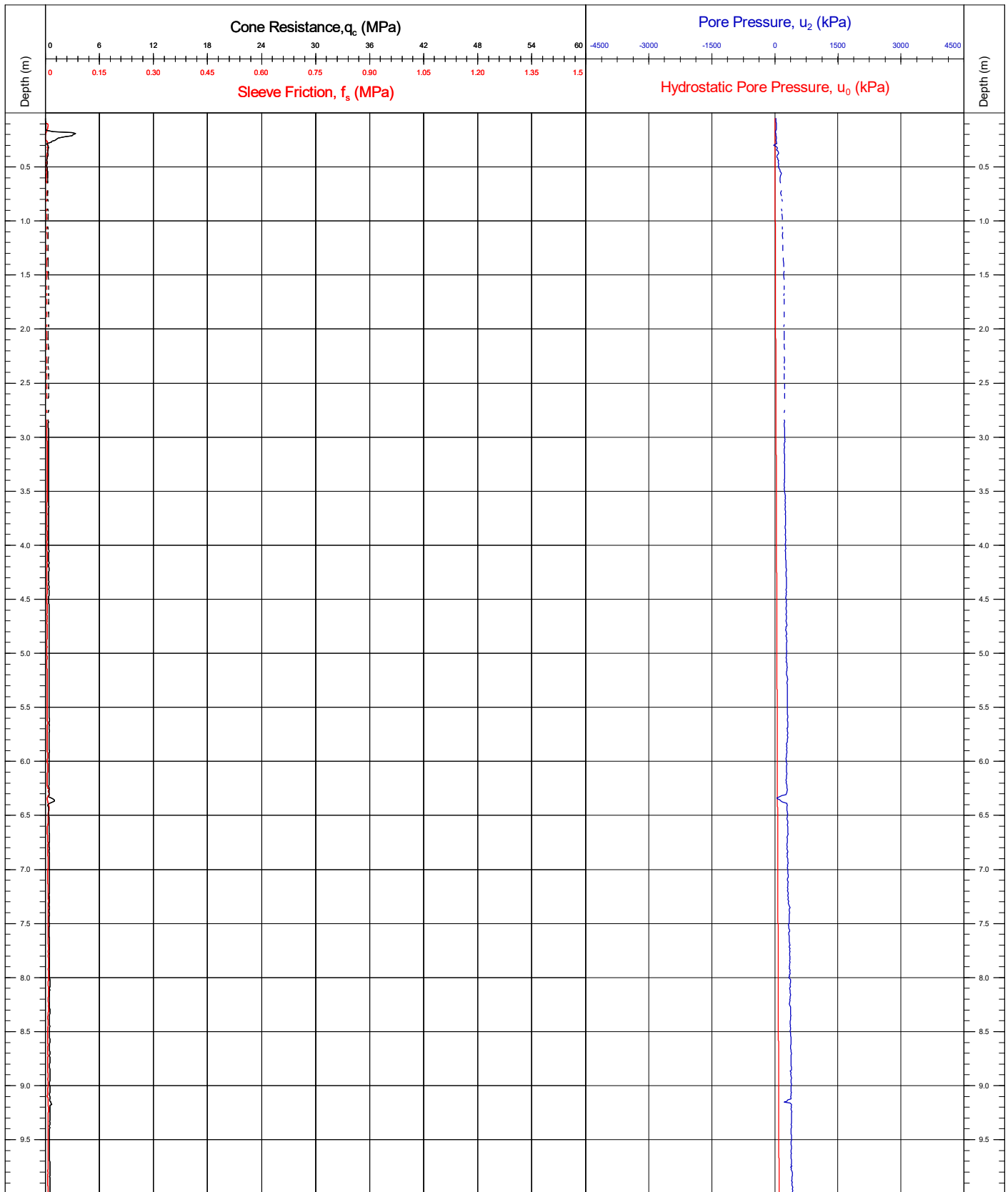


Area	Kattegat Sea	Coordinates	672157.00E 6263401.90N	CPT Number CPT16a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.74	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test	08/05/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary		
		Base Inclination	X = 1.0° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (08/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

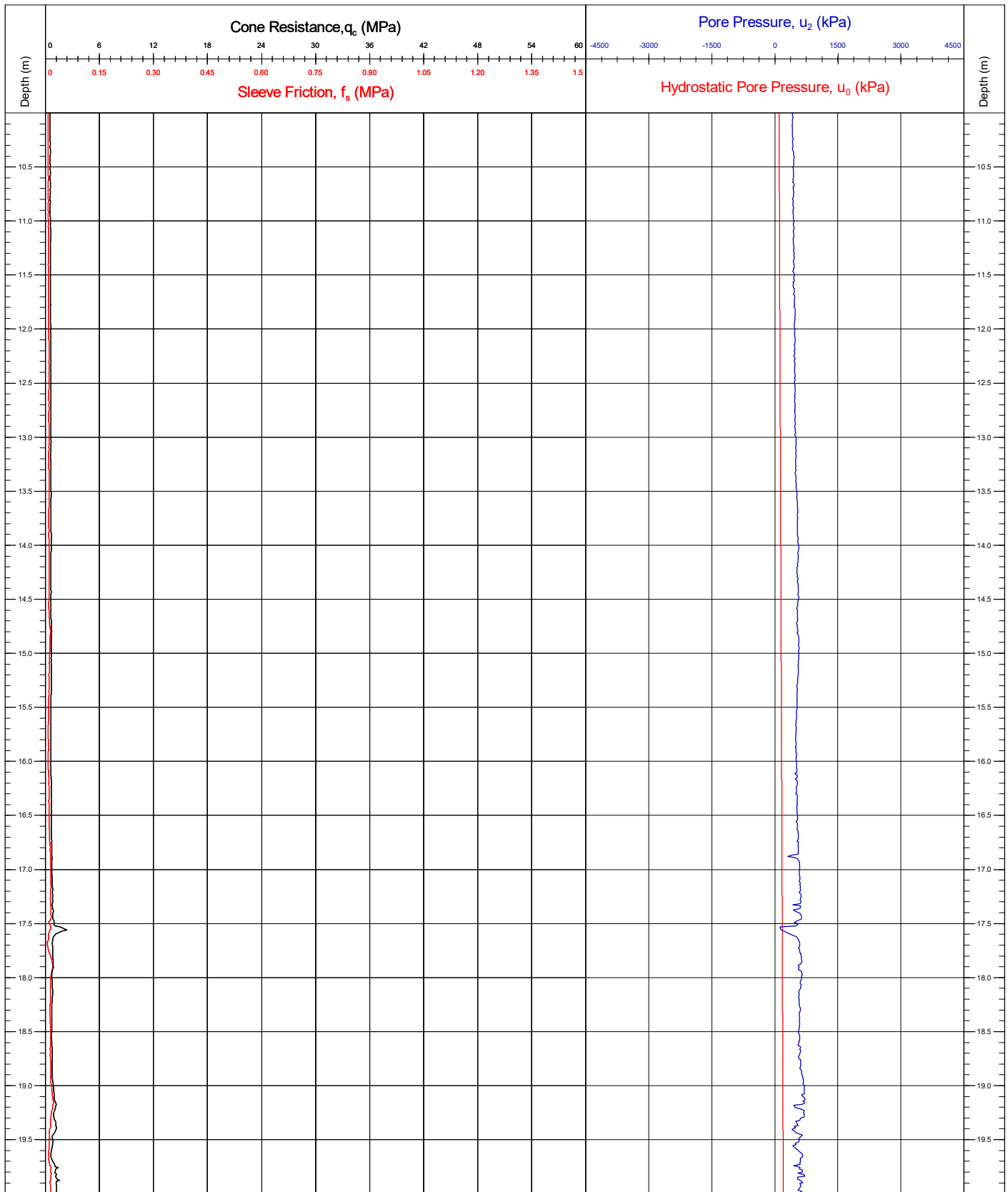


Area	Kattegat Sea	Coordinates	677169.50E 6263055.40N	CPT Number	
Contract	11596	Latitude / Longitude		CPT18	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.31	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline		Cone No.(size)/α Factor	061040 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = -2.0° / Y = 3.9°	JK/BC DR SMc	
		CRS	ETRS89	(25/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

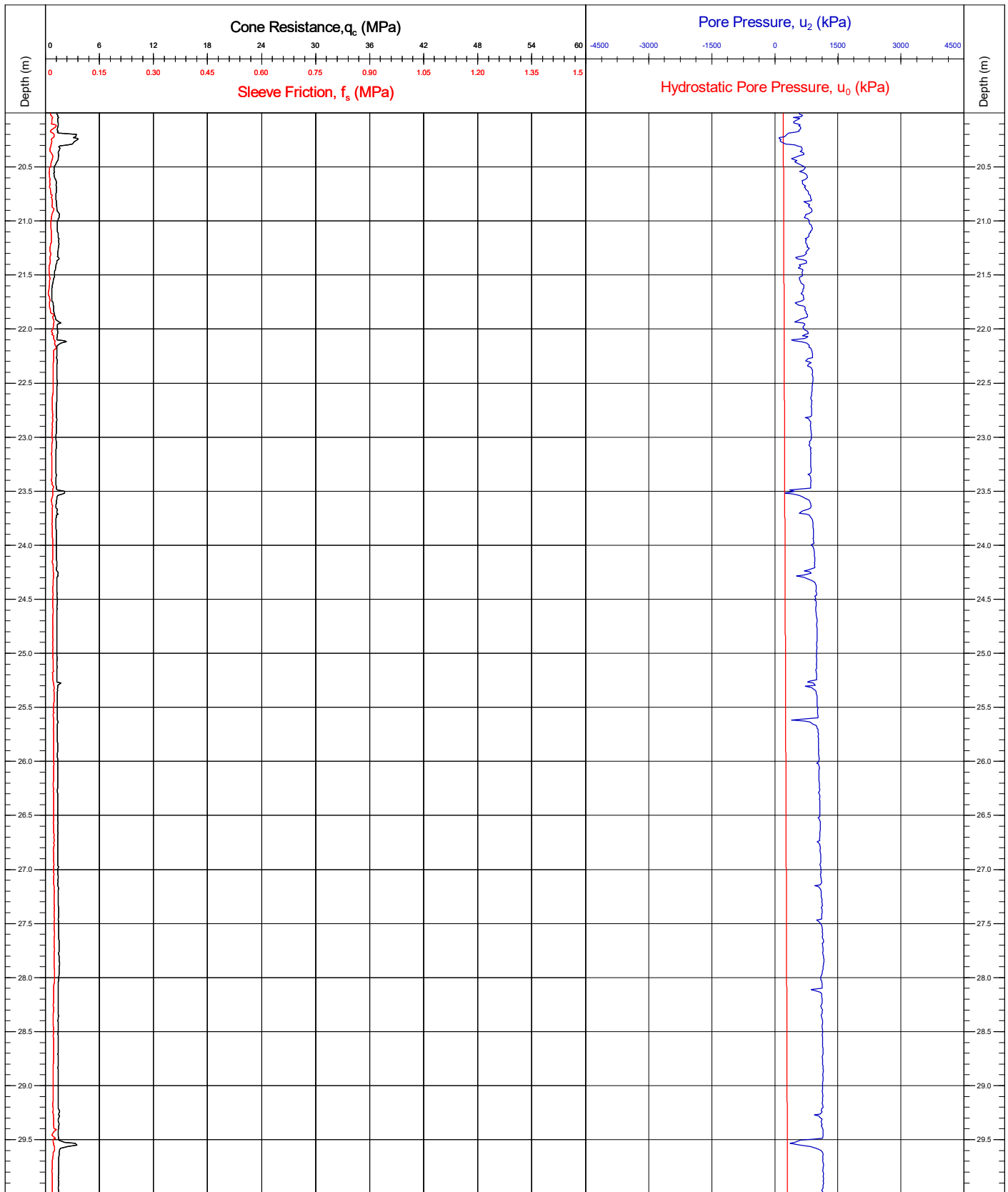


Area	Kattegat Sea	Coordinates	677169.50E 6263055.40N	CPT Number CPT18		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.31	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status		
<small>Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline</small>		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76	Preliminary		
		Base Inclination	X = -2.0° / Y = 3.9°	Draft		
		CRS	ETRS89	Final		
				JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

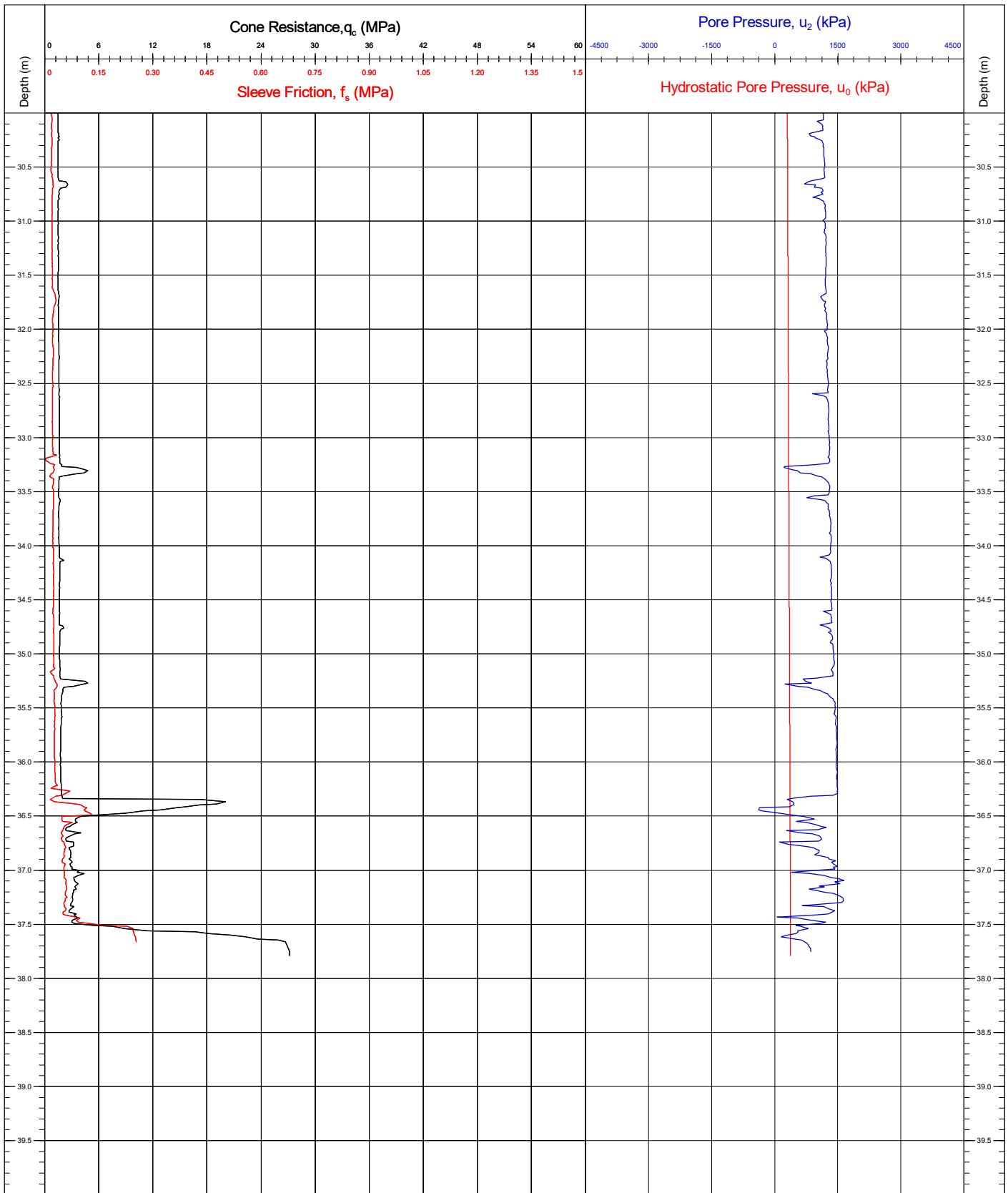


Area	Kattegat Sea	Coordinates	677169.50E 6263055.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT18		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.31			
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 3/4		
Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline				QC Status		
				Cone No.(size)/α Factor	061040 (10cm ²) / 0.76	Preliminary
		Base Inclination	X = -2.0° / Y = 3.9°	JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

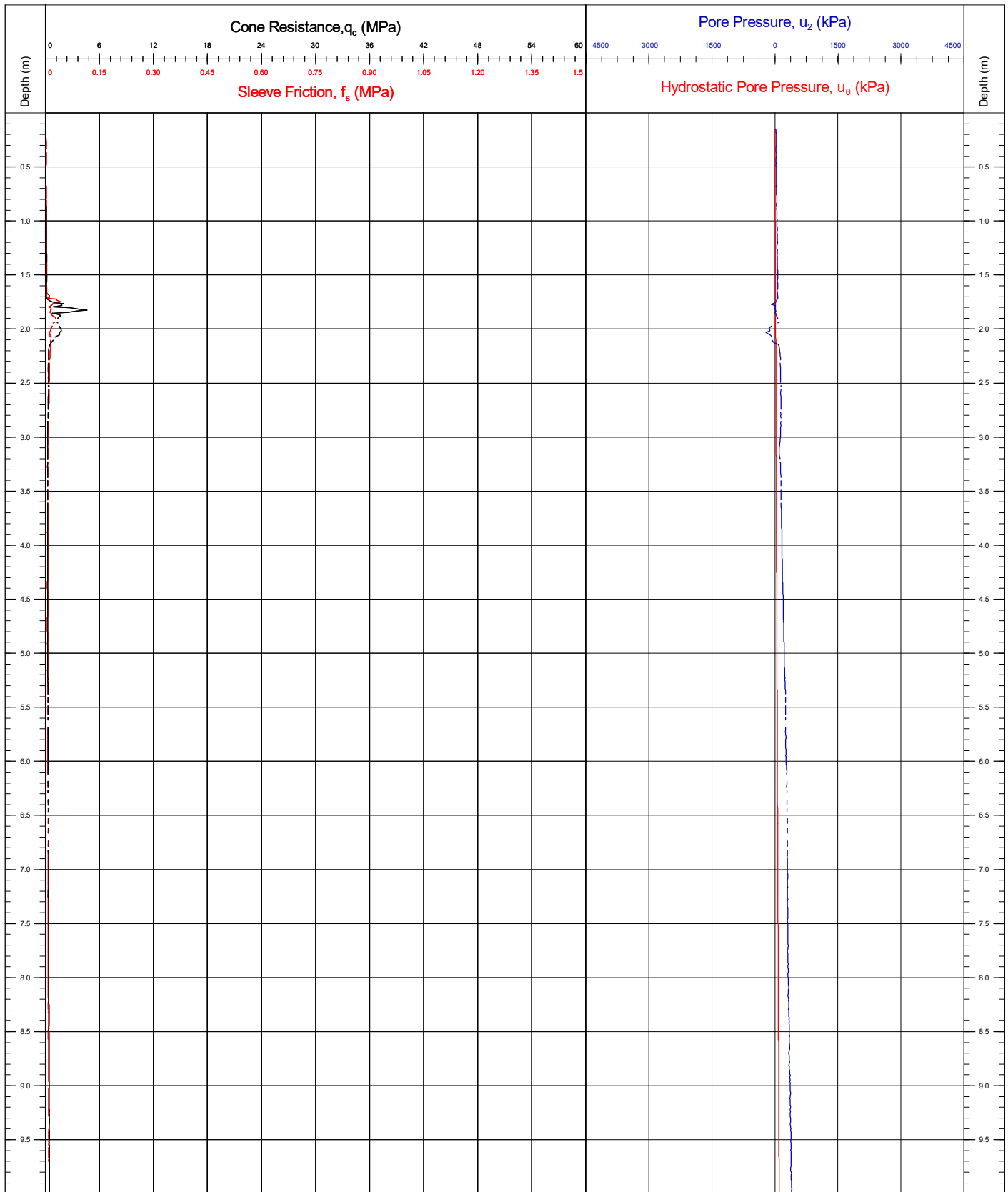


Area	Kattegat Sea	Coordinates	677169.50E	6263055.40N	CPT Number
Contract	11596	Latitude / Longitude			CPT18
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.31		Page: 4/4
Vessel	MV Ocean Vantage	Date of Test	25/04/2021		QC Status
<small>Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline</small>		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = -2.0° / Y = 3.9°		Draft
		CRS	ETRS89		Final
			JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

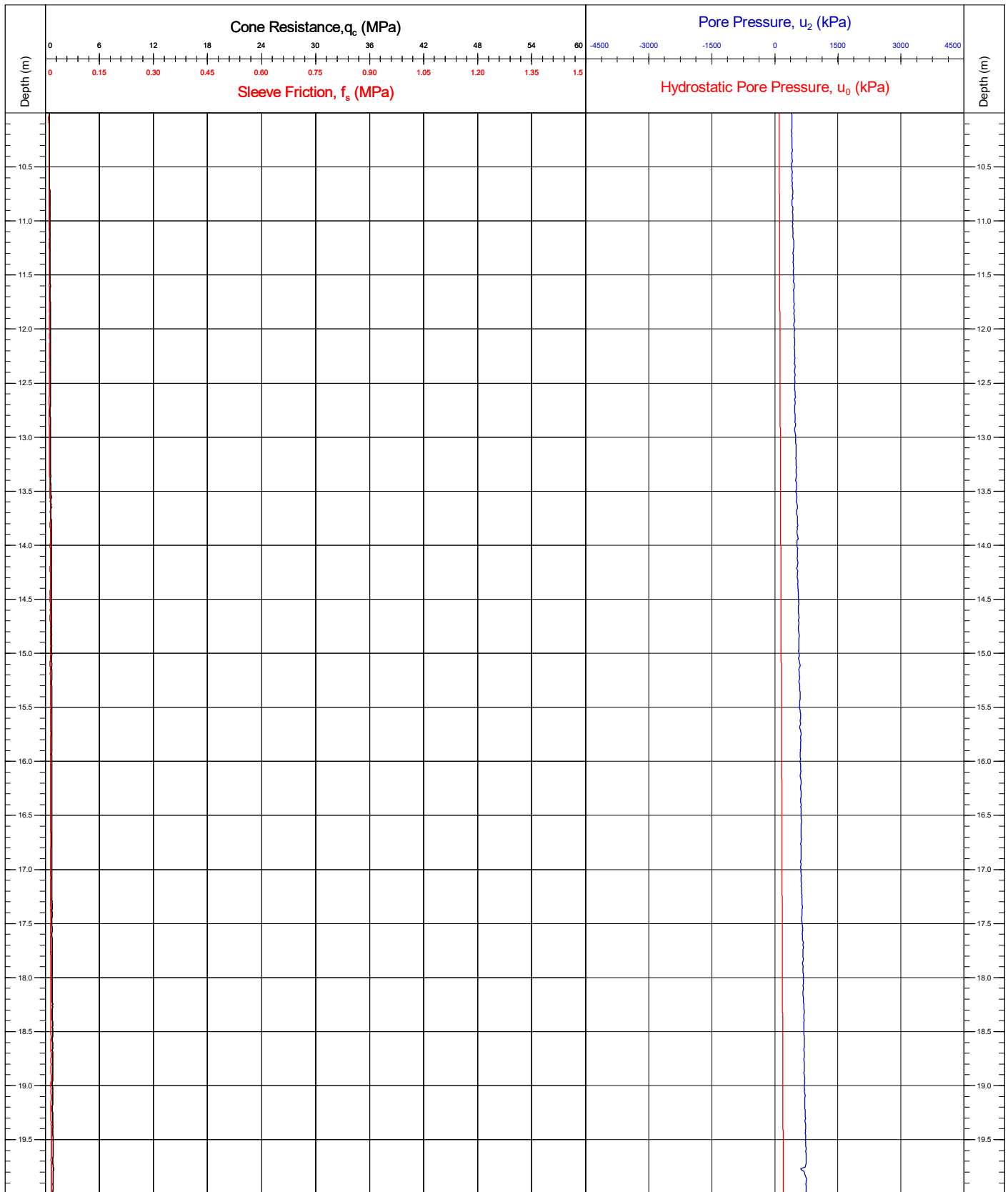


Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number		
Contract	11596	Latitude / Longitude		CPT20		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51	Page: 1/5		
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8			
		Base Inclination	X = 0.1° / Y = -0.1°			
		CRS	ETRS89			
				Preliminary	Draft	Final
				JK/BC <small>(25/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

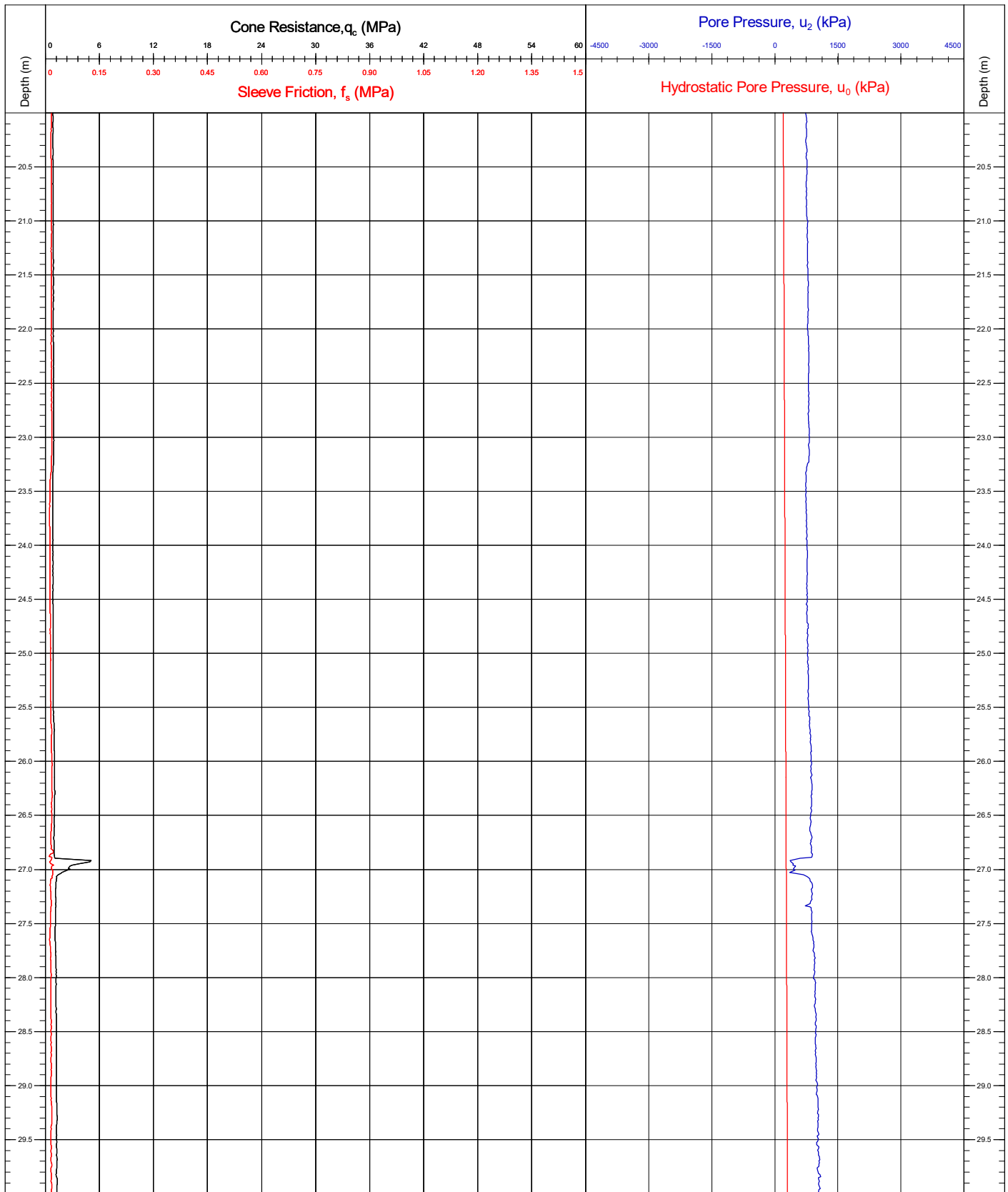


Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number	
Contract	11596	Latitude / Longitude		CPT20	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51	Page: 2/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.1° / Y = -0.1°	JK/BC DR SMc	
		CRS	ETRS89	(25/04/2021) (10/06/2021) (10/11/2021)	

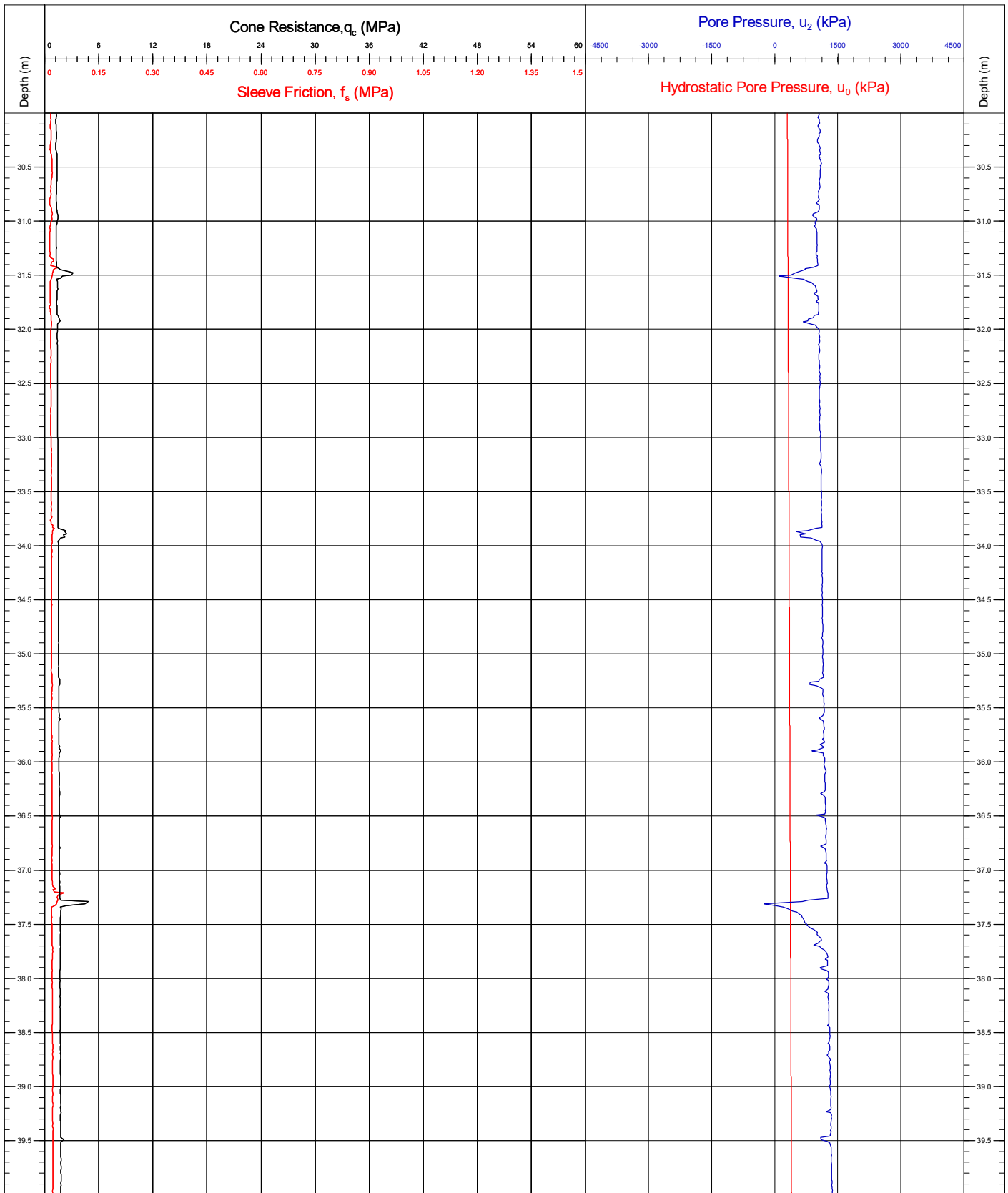


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number	
Contract	11596	Latitude / Longitude		CPT20	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51	Page: 3/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.1° / Y = -0.1°	JK/BC	DR
		CRS	ETRS89	(25/04/2021)	(10/06/2021)

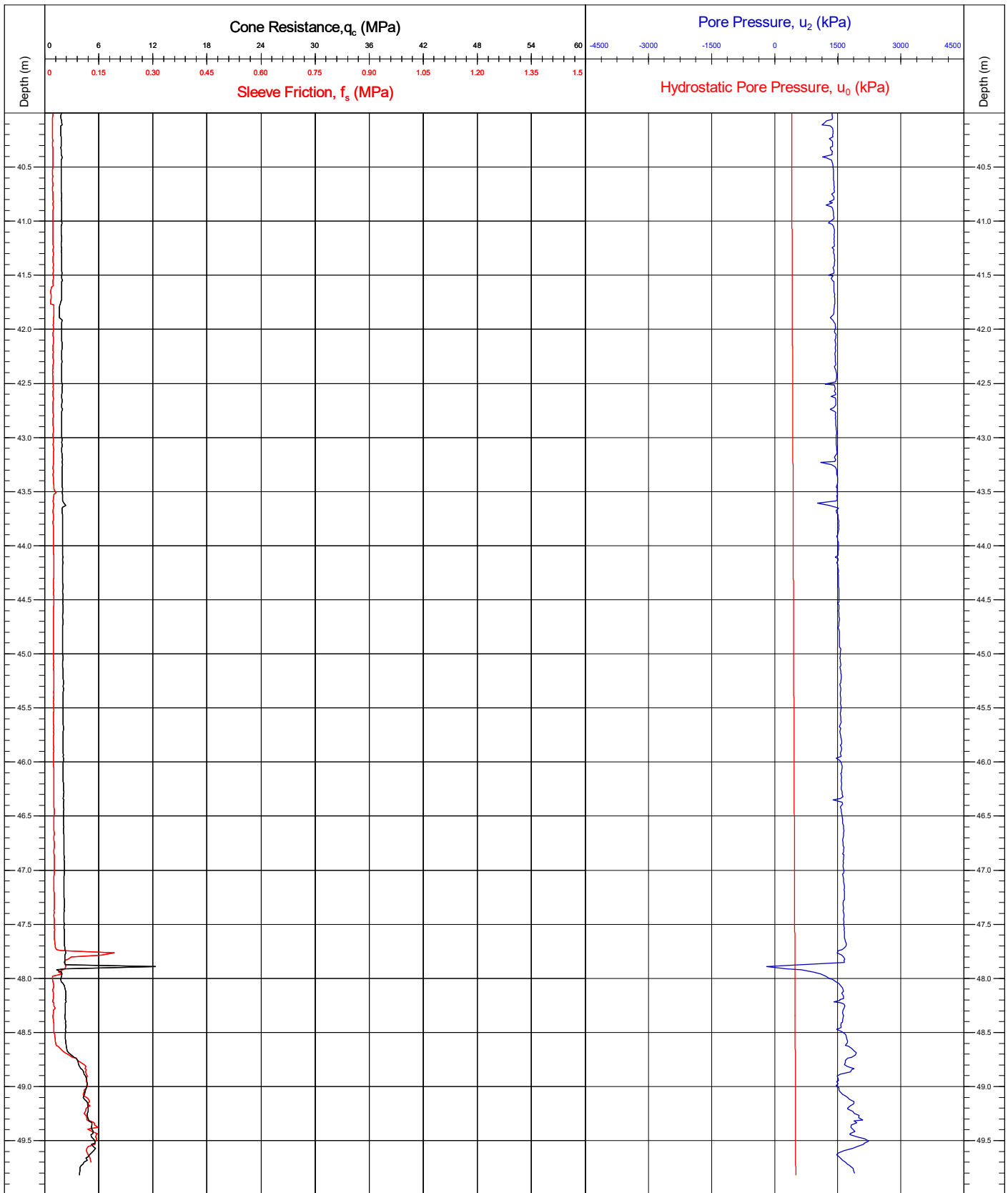


Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number	
Contract	11596	Latitude / Longitude		CPT20	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51	Page: 4/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.1° / Y = -0.1°	JK/BC	DR
		CRS	ETRS89	(25/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

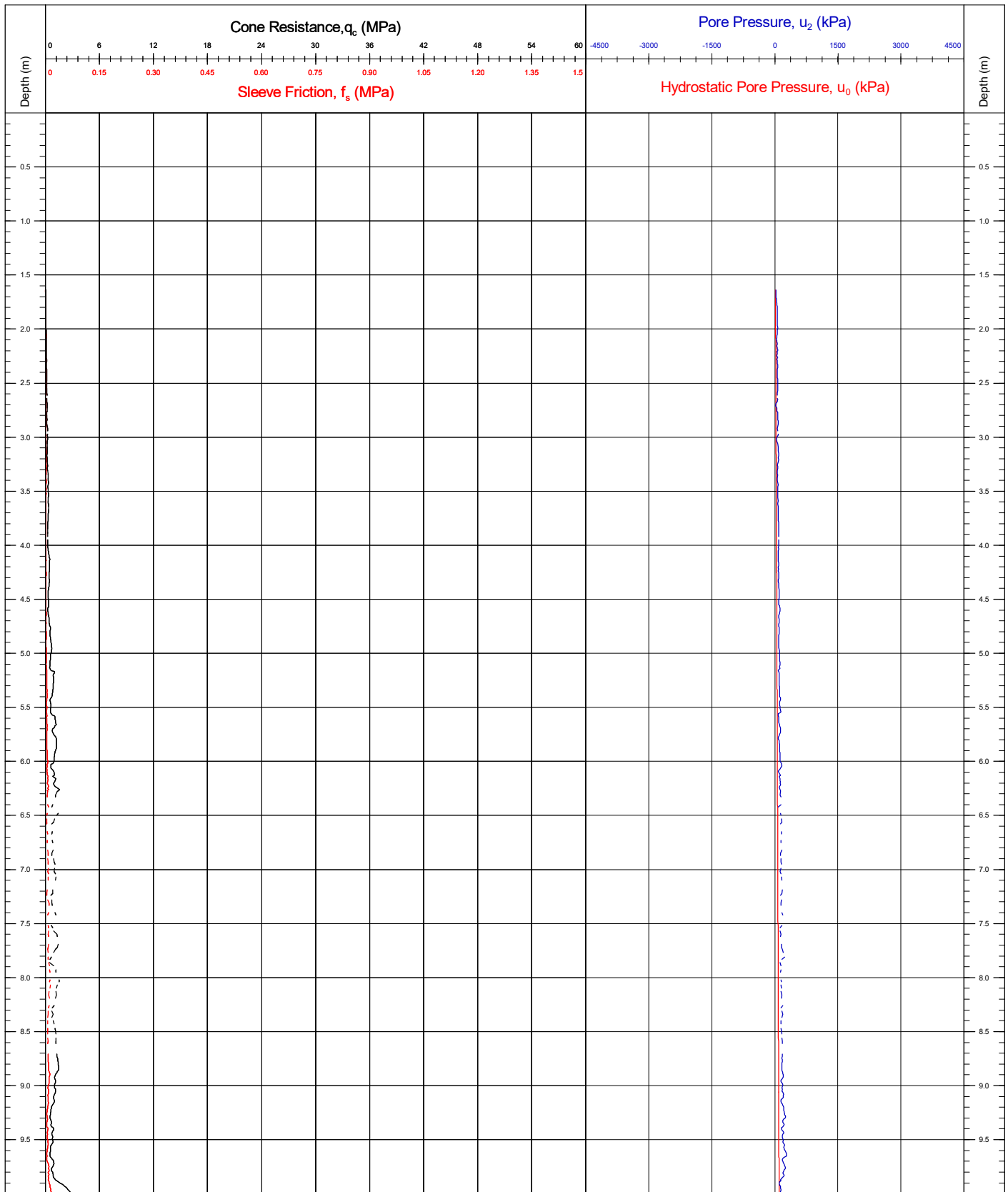


Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number		
Contract	11596	Latitude / Longitude		CPT20		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51			
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 5/5		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load</small>		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	QC Status		
		Base Inclination	X = 0.1° / Y = -0.1°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

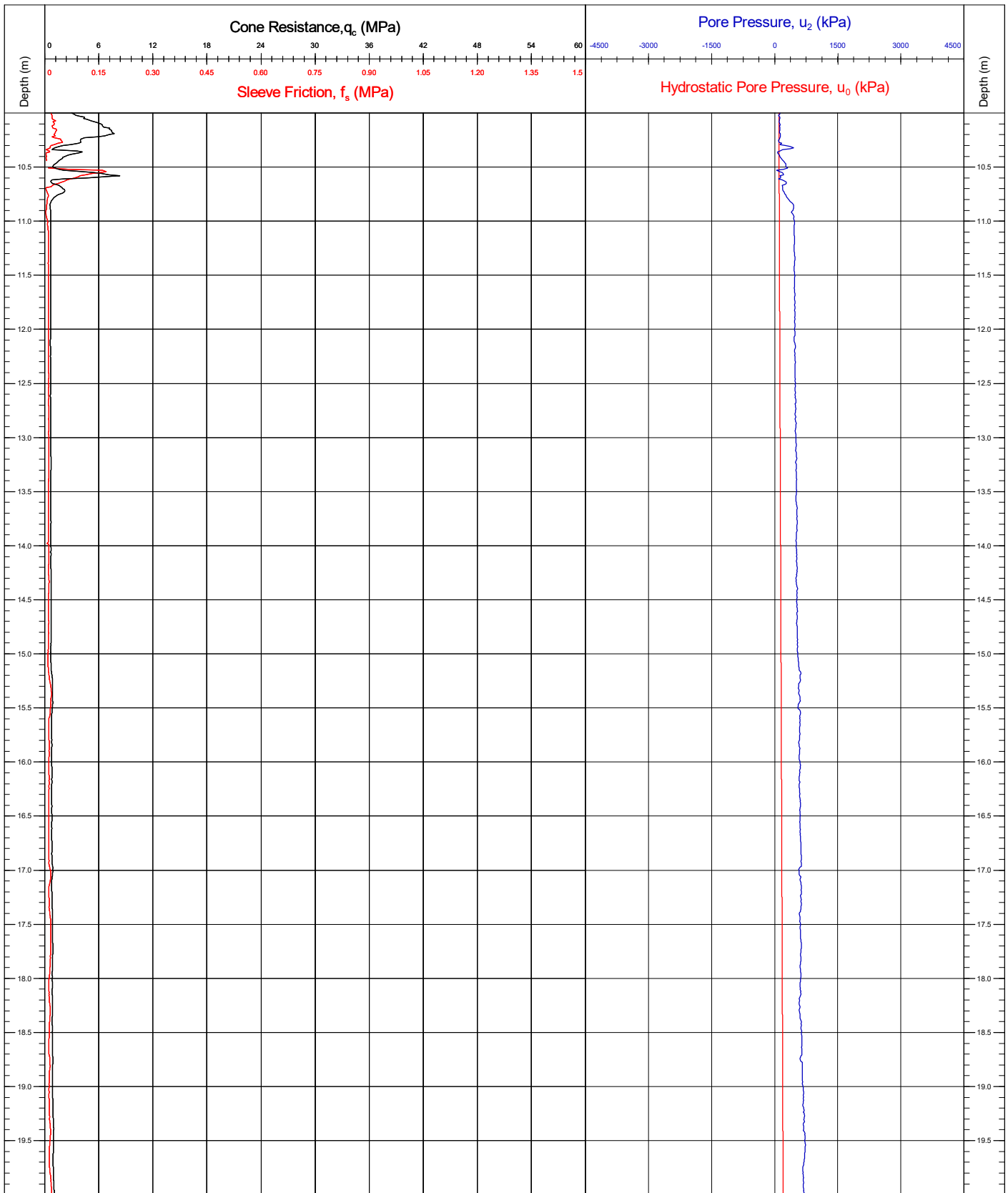


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number		
Contract	11596	Latitude / Longitude		CPT22		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 1/5		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees- risk of rod bend and buckling rods</small>				QC Status		
				Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	
		Base Inclination	X = 1.2° / Y = 0.9°			
		CRS	ETRS89		Preliminary	Draft
					JK/BC (30/04/2021)	DR (10/06/2021)
						Final SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

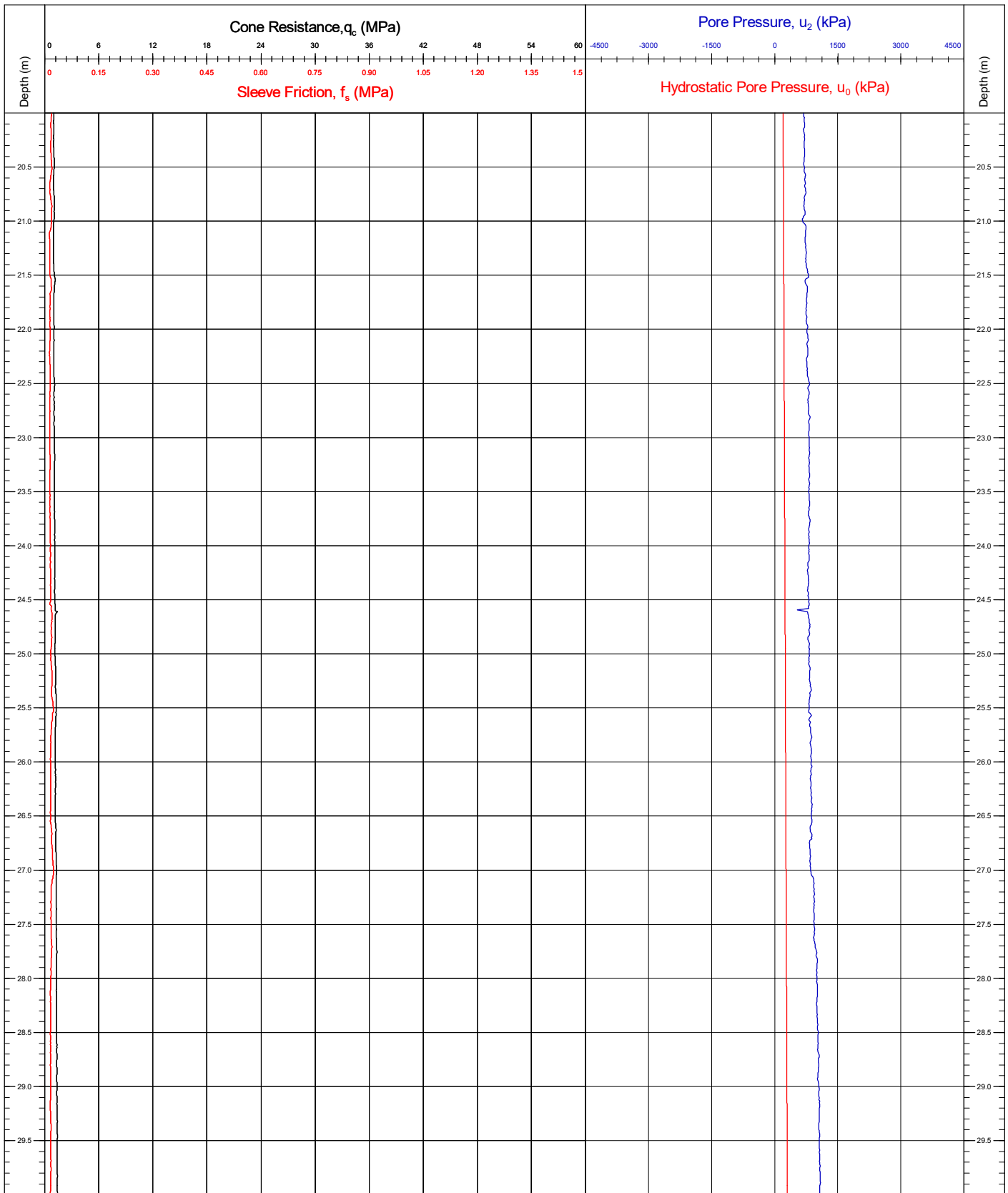


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number			
Contract	11596	Latitude / Longitude		CPT22			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36				
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 2/5			
Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees- risk of rod bend and buckling rods				QC Status			
				Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81		
		Base Inclination	X = 1.2° / Y = 0.9°		Preliminary	Draft	Final
CRS		ETRS89		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

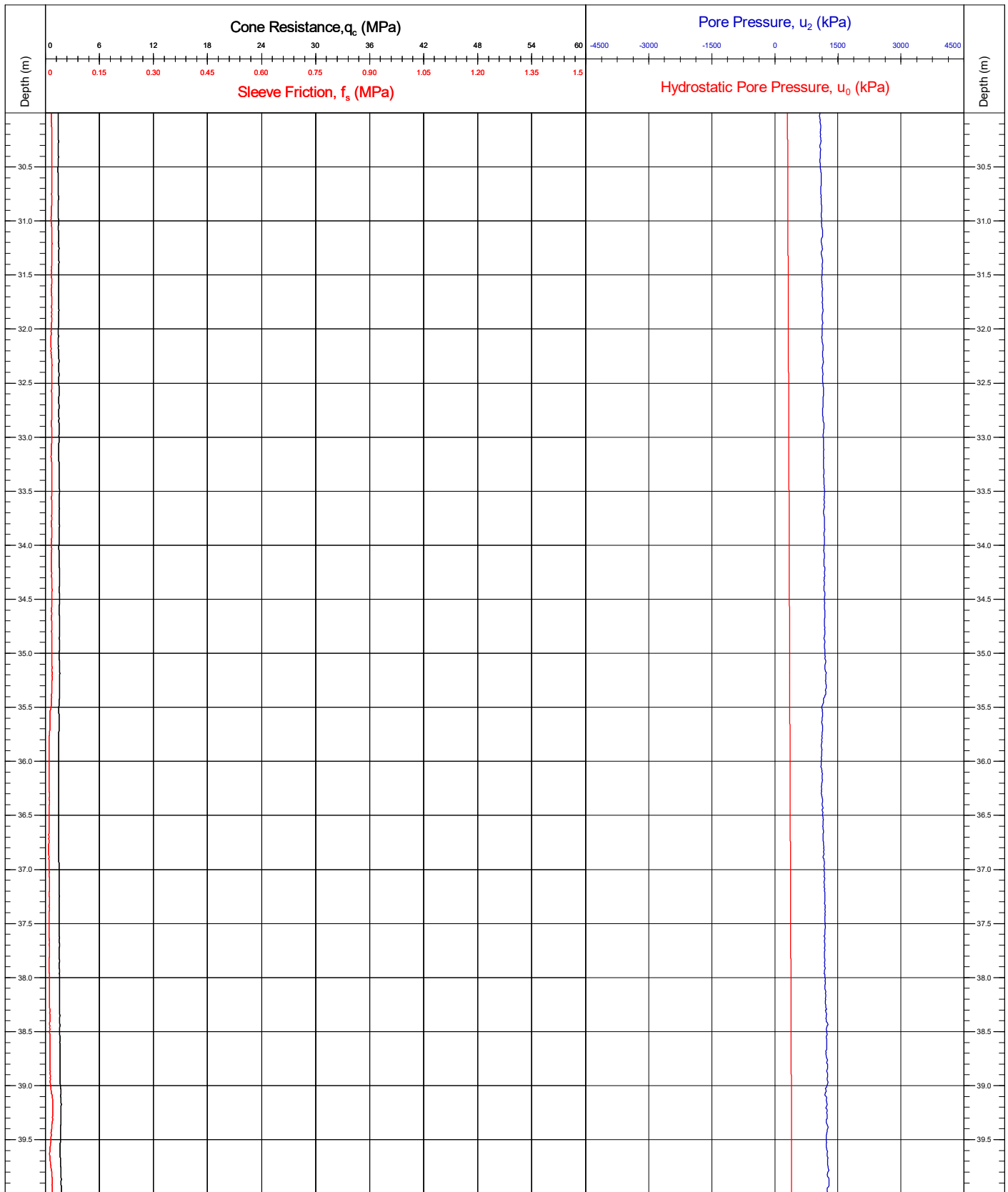


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number		
Contract	11596	Latitude / Longitude		CPT22		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 3/5		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees- risk of rod bend and buckling rods</small>				QC Status		
				Cone No.(size)/ α Factor 181004 (10cm²) / 0.81		
Base Inclination				X = 1.2° / Y = 0.9°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

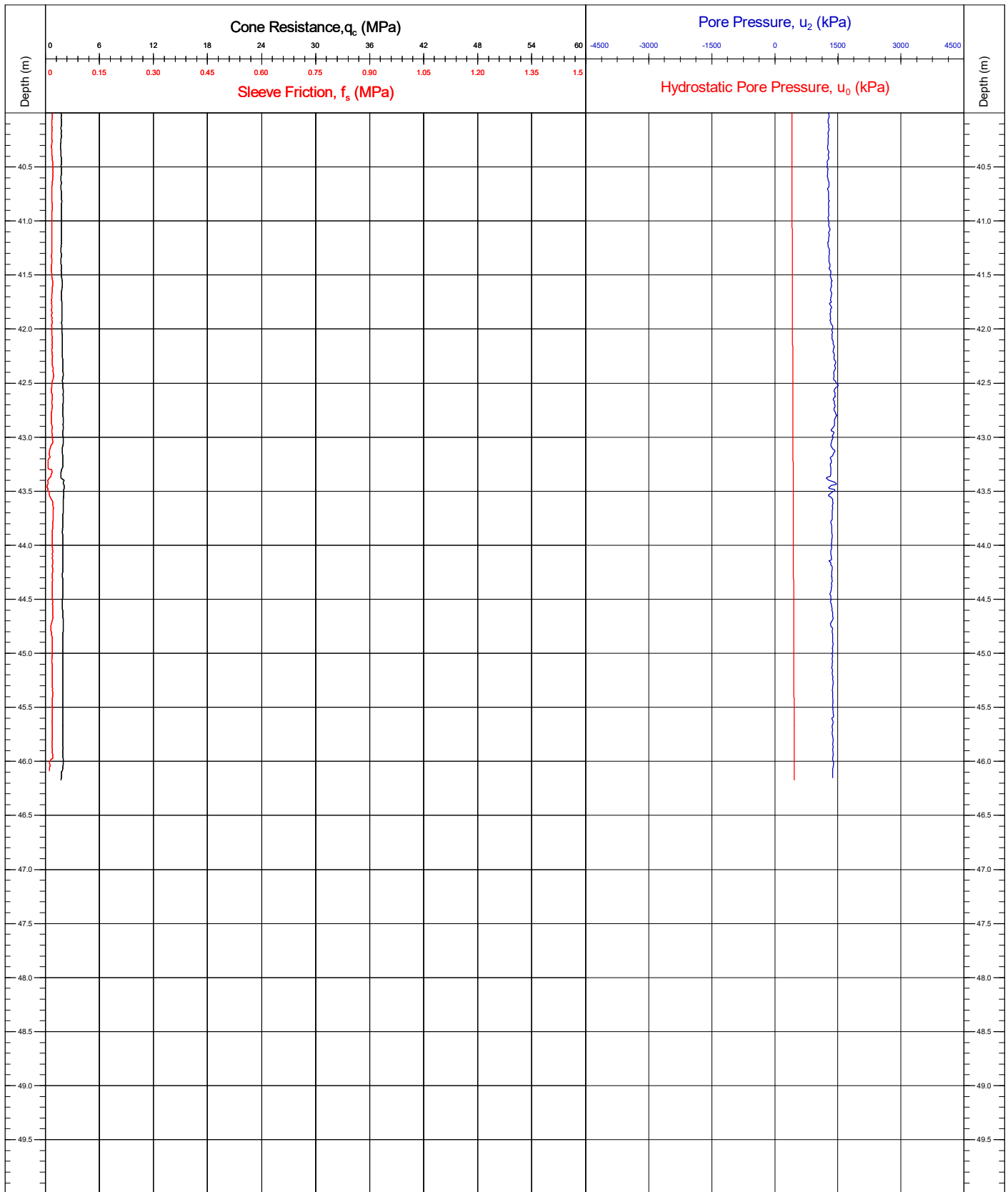


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number	
Contract	11596	Latitude / Longitude		CPT22	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36	Page: 4/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees- risk of rod bend and buckling rods		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.9°	JK/BC	DR
		CRS	ETRS89	(30/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

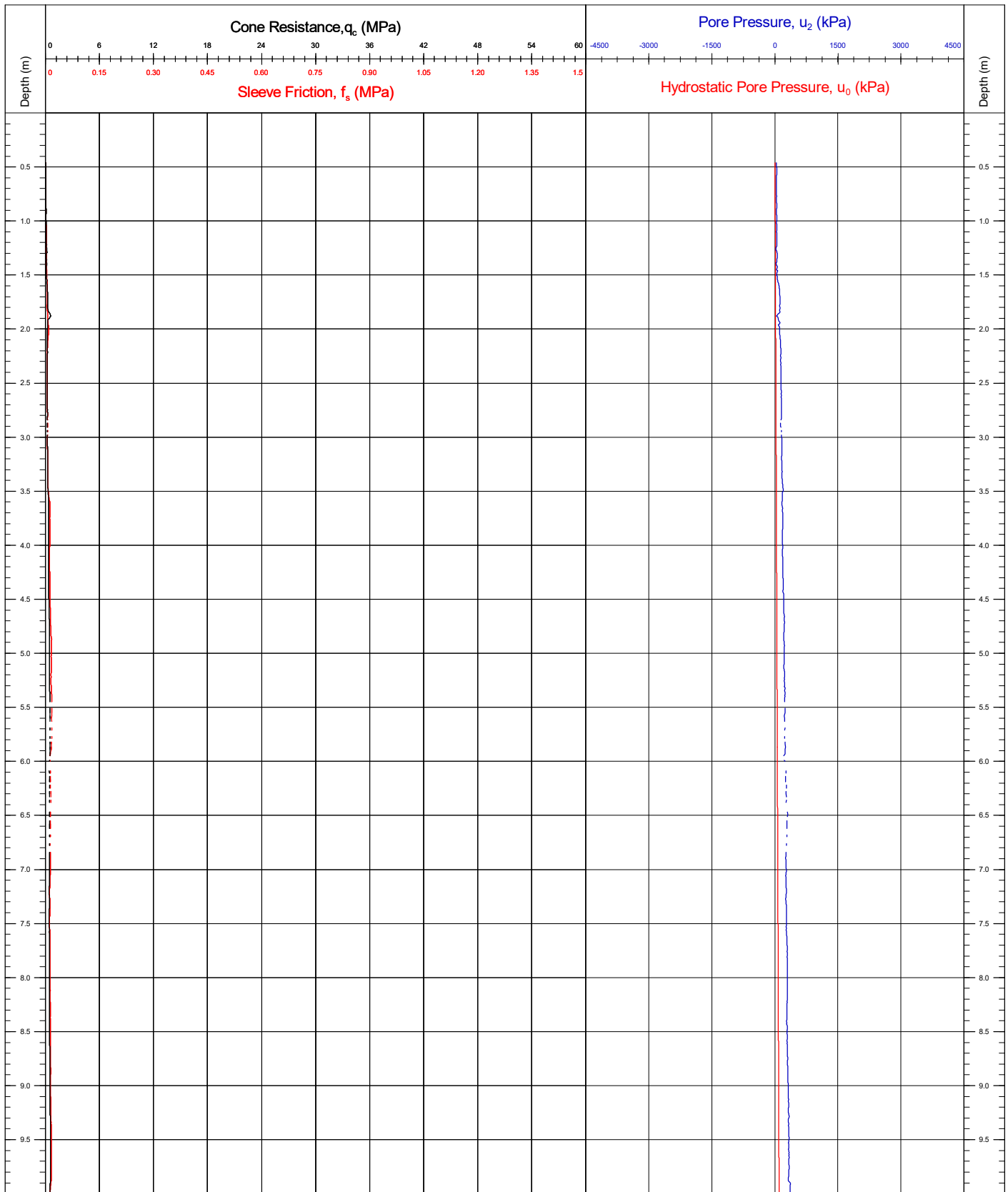


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number CPT22		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36	Page: 5/5		
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees - risk of rod bend and buckling rods		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary		
		Base Inclination	X = 1.2° / Y = 0.9°	Draft		
		CRS	ETRS89	Final		
				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

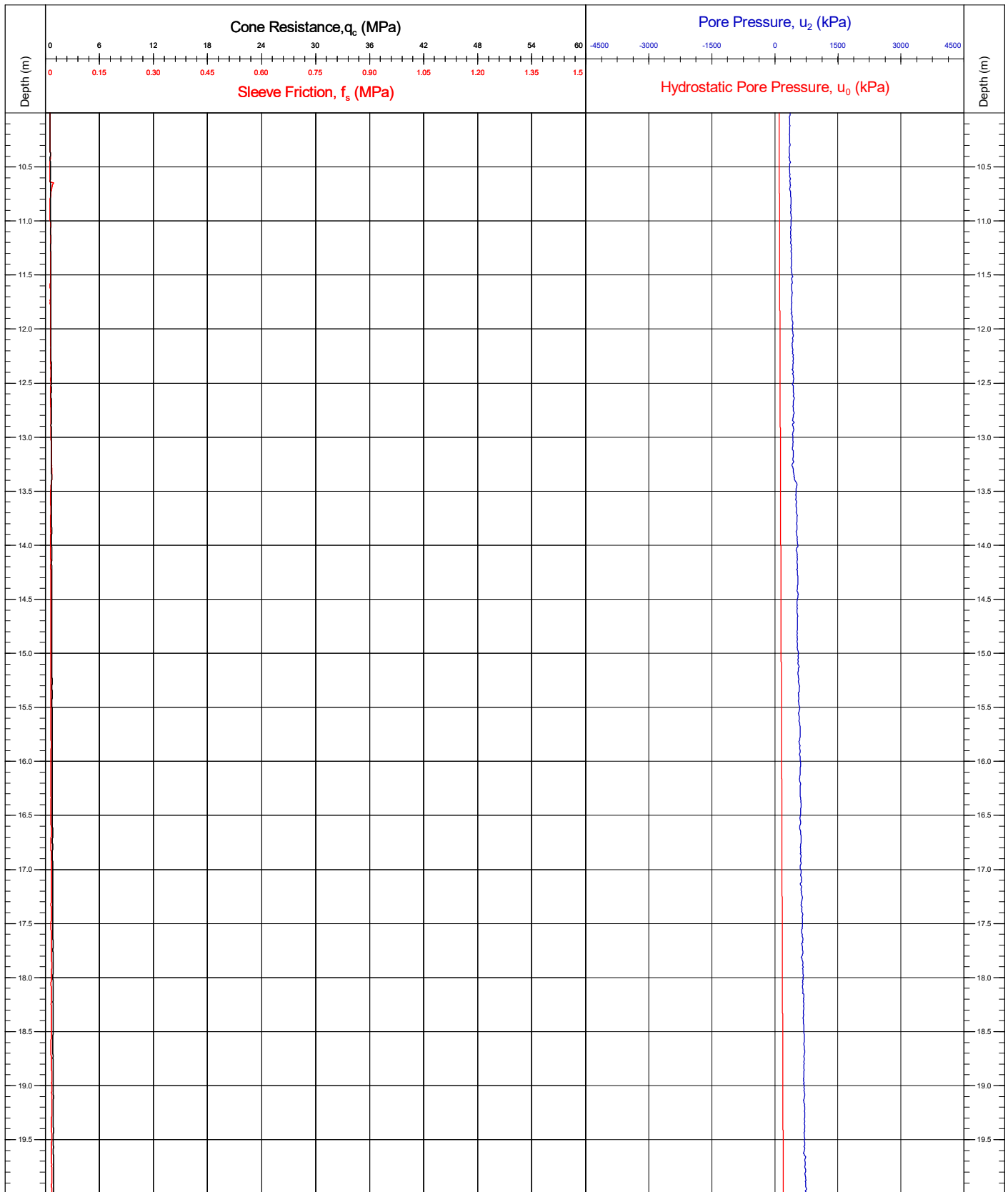


Area	Kattegat Sea	Coordinates	676253.10E 6269555.30N	CPT Number CPT23		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55	Page: 1/5		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final		
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR	SMc
		CRS	ETRS89	(01/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

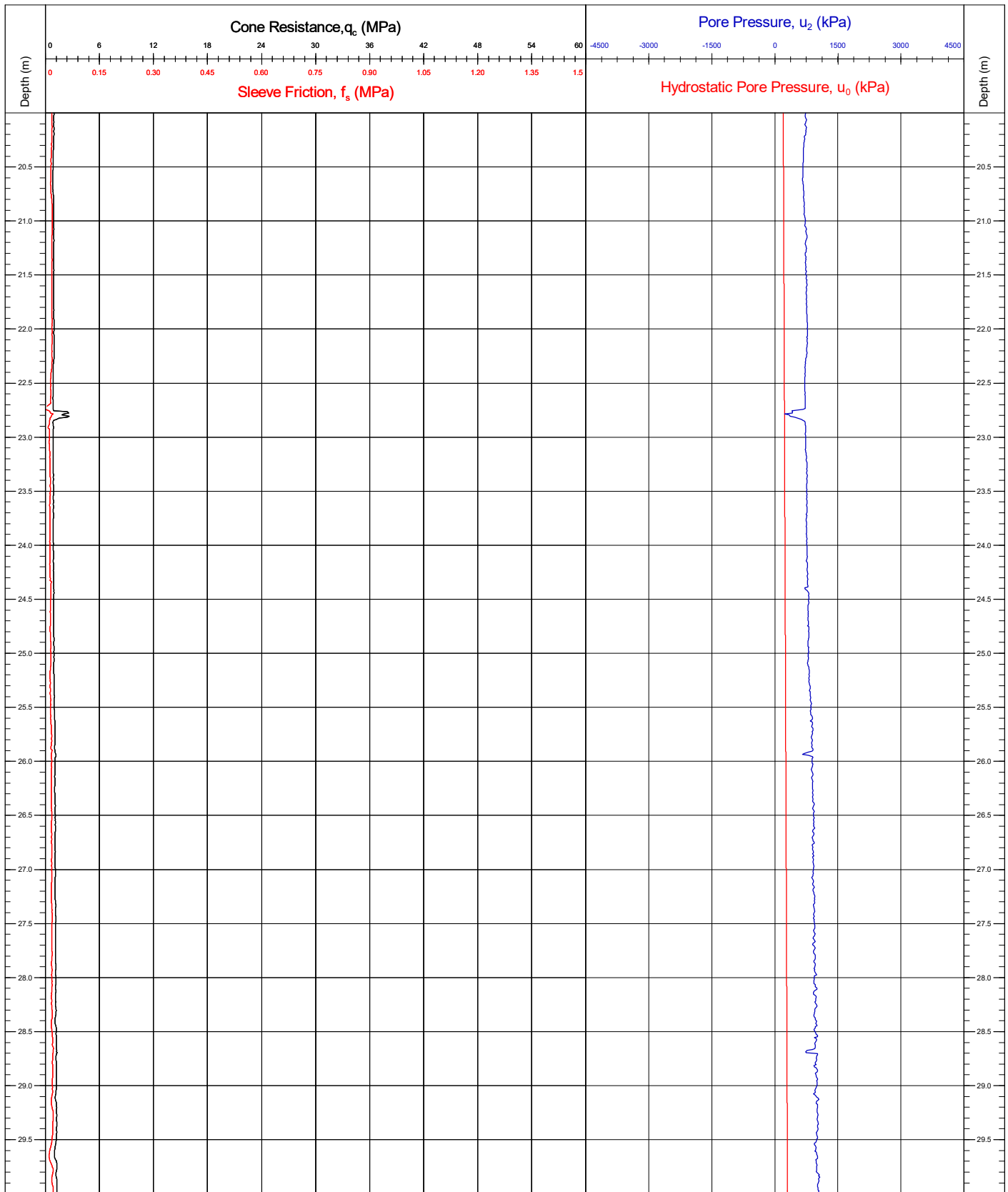


Area	Kattegat Sea	Coordinates	676253.10E 6269555.30N	CPT Number CPT23		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55	Page: 2/5		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary		
		Base Inclination	X = 1.2° / Y = 0.7°	Draft		
		CRS	ETRS89	Final		
				JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

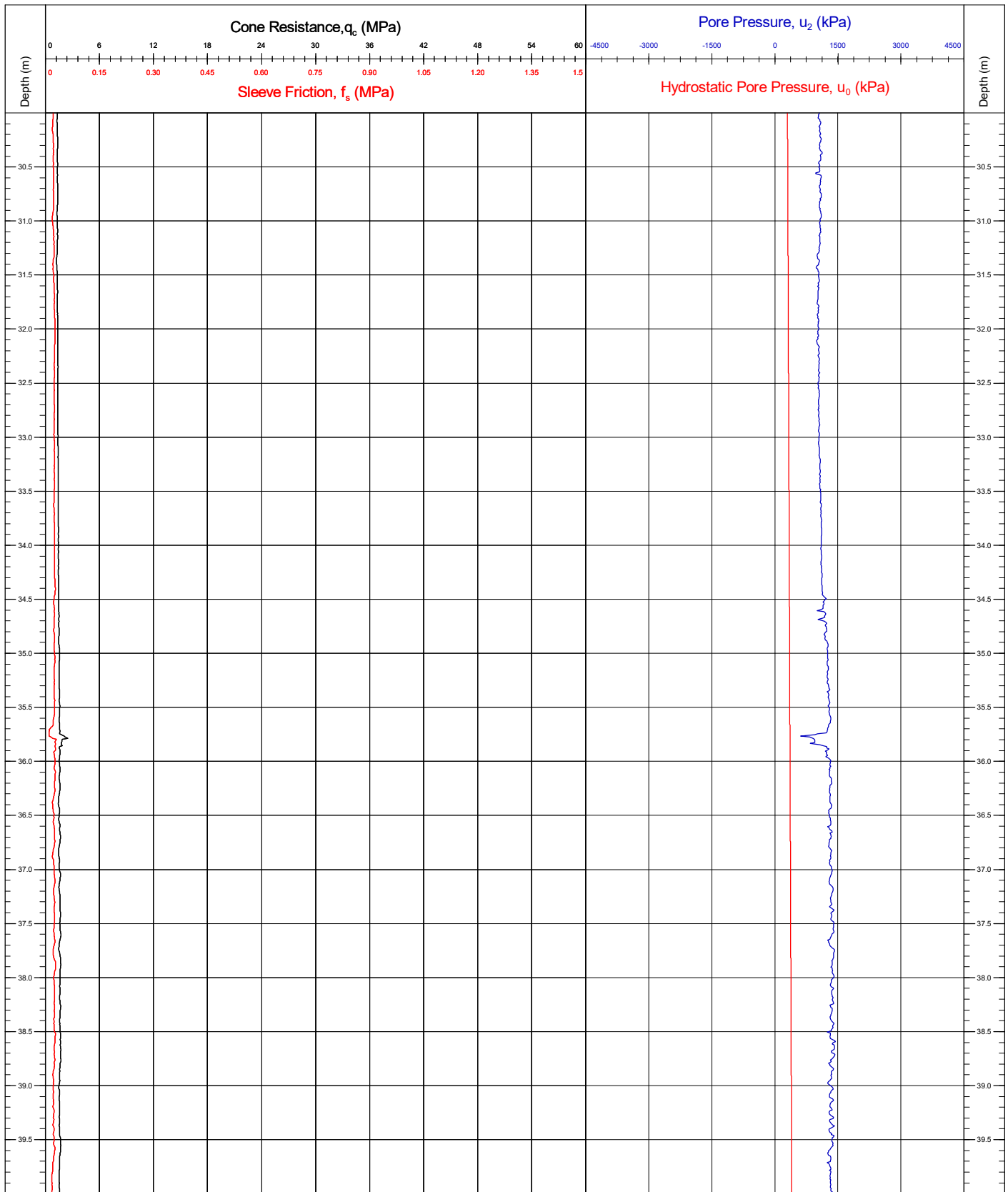


Area	Kattegat Sea	Coordinates	676253.10E 6269555.30N	CPT Number CPT23		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55	Page: 3/5		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final		
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR	SMc
		CRS	ETRS89	(01/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

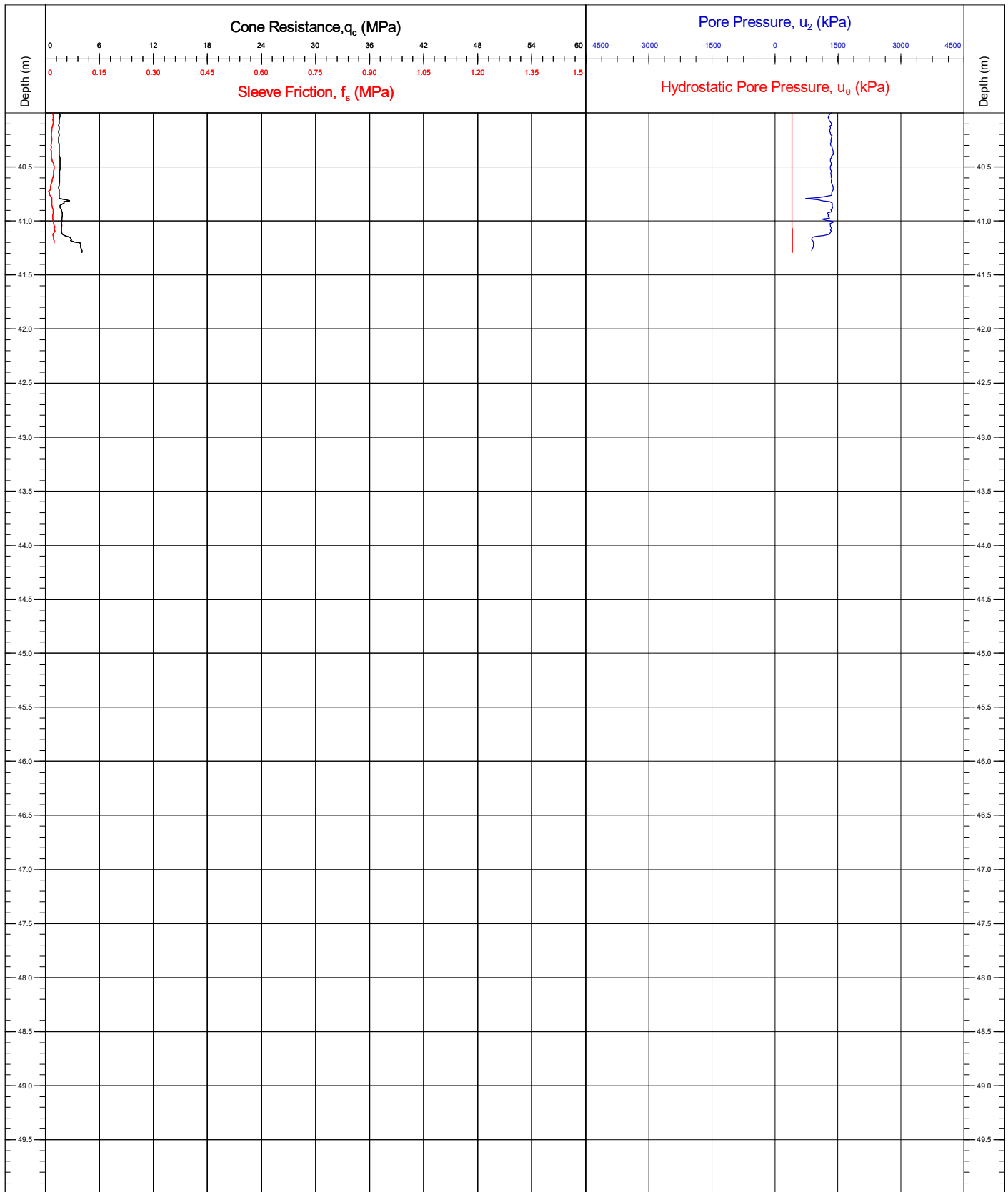


Area	Kattegat Sea	Coordinates	676253.10E 6269555.30N	CPT Number	
Contract	11596	Latitude / Longitude		CPT23	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55	Page: 4/5	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

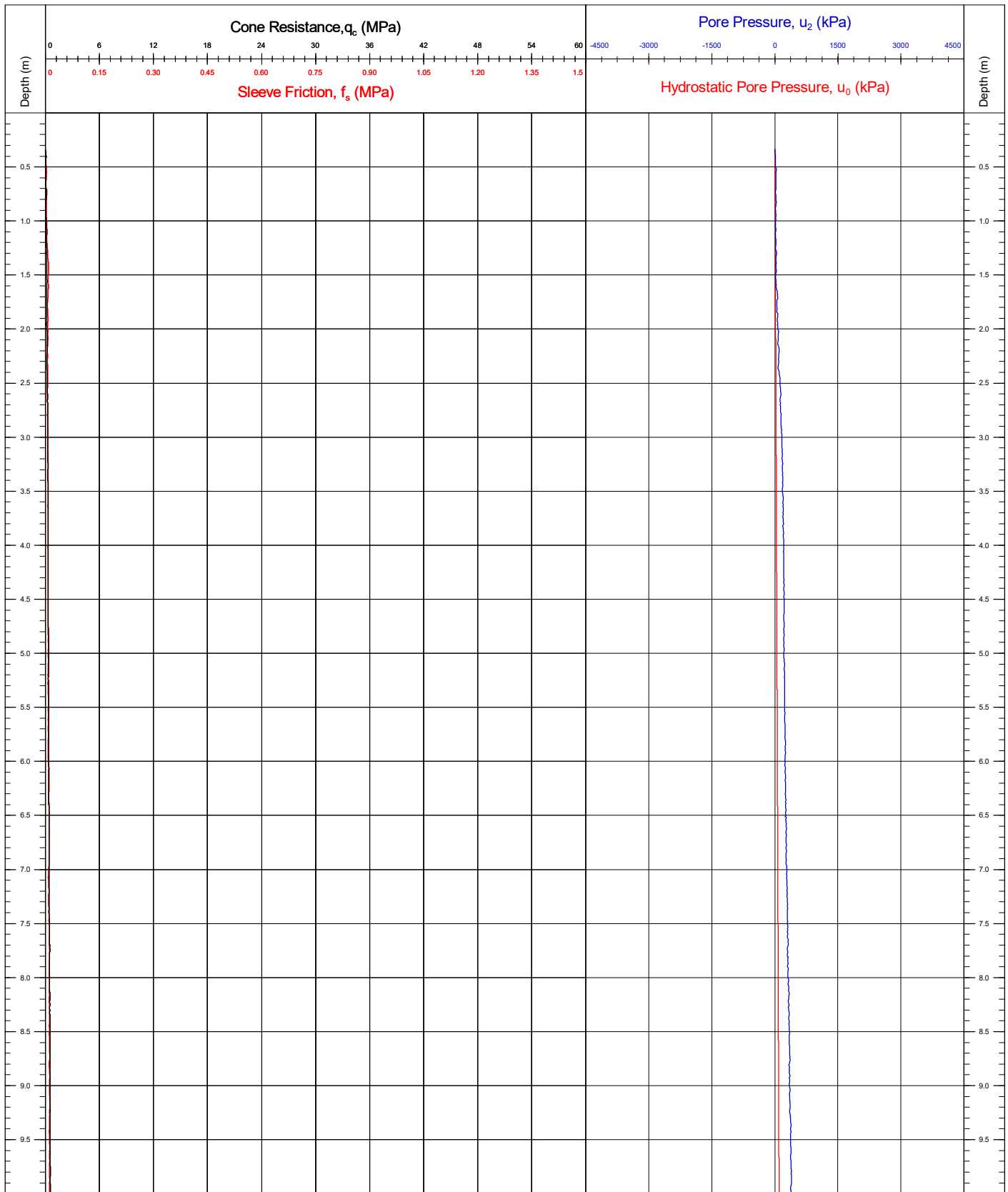


Area	Kattegat Sea	Coordinates	676253.10E 6269555.30N	CPT Number CPT23		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55	Page: 5/5		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final		
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR	SMc
		CRS	ETRS89	(01/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

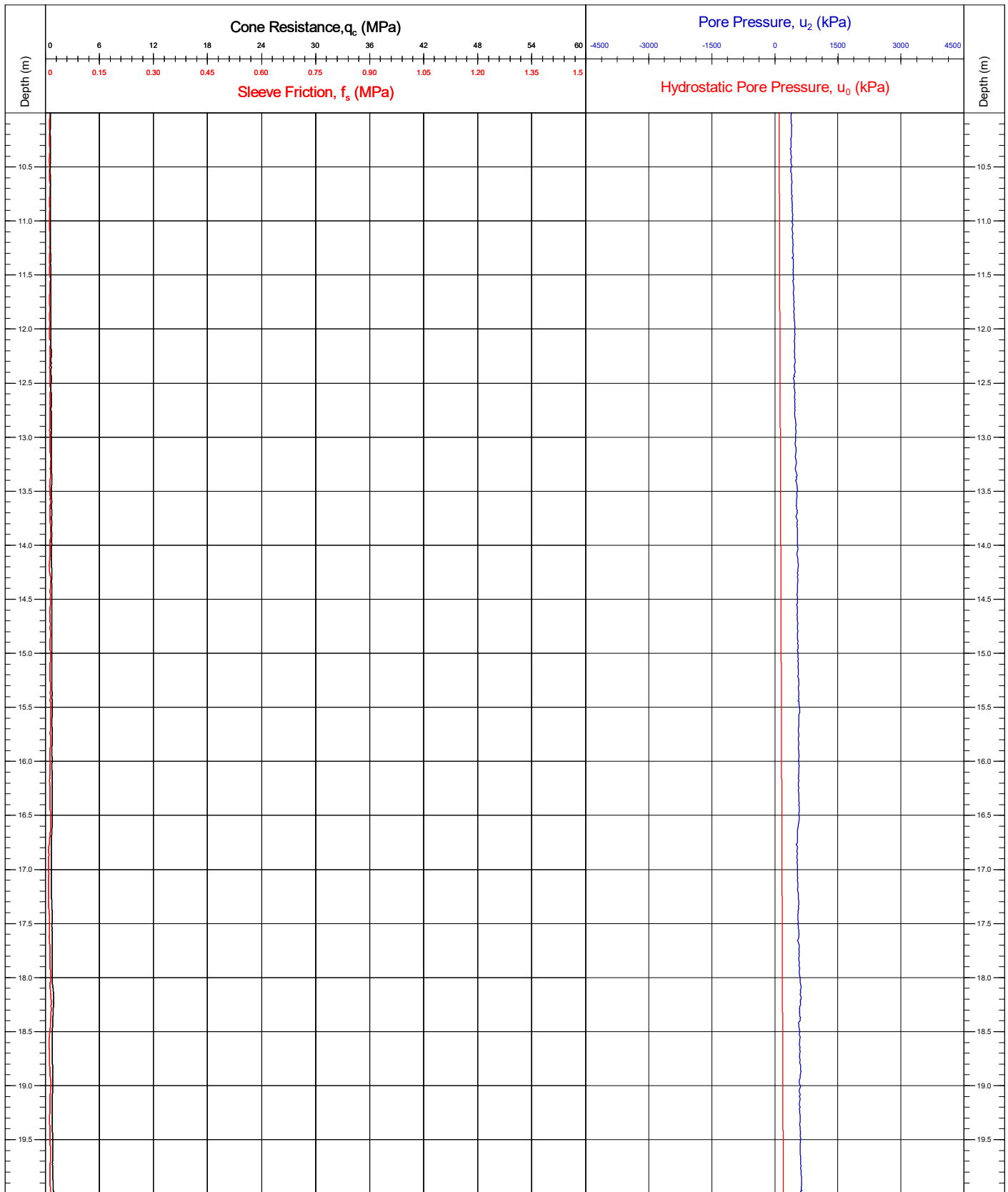


Area	Kattegat Sea	Coordinates	676906.00E 6273504.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.58	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = -0.1° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

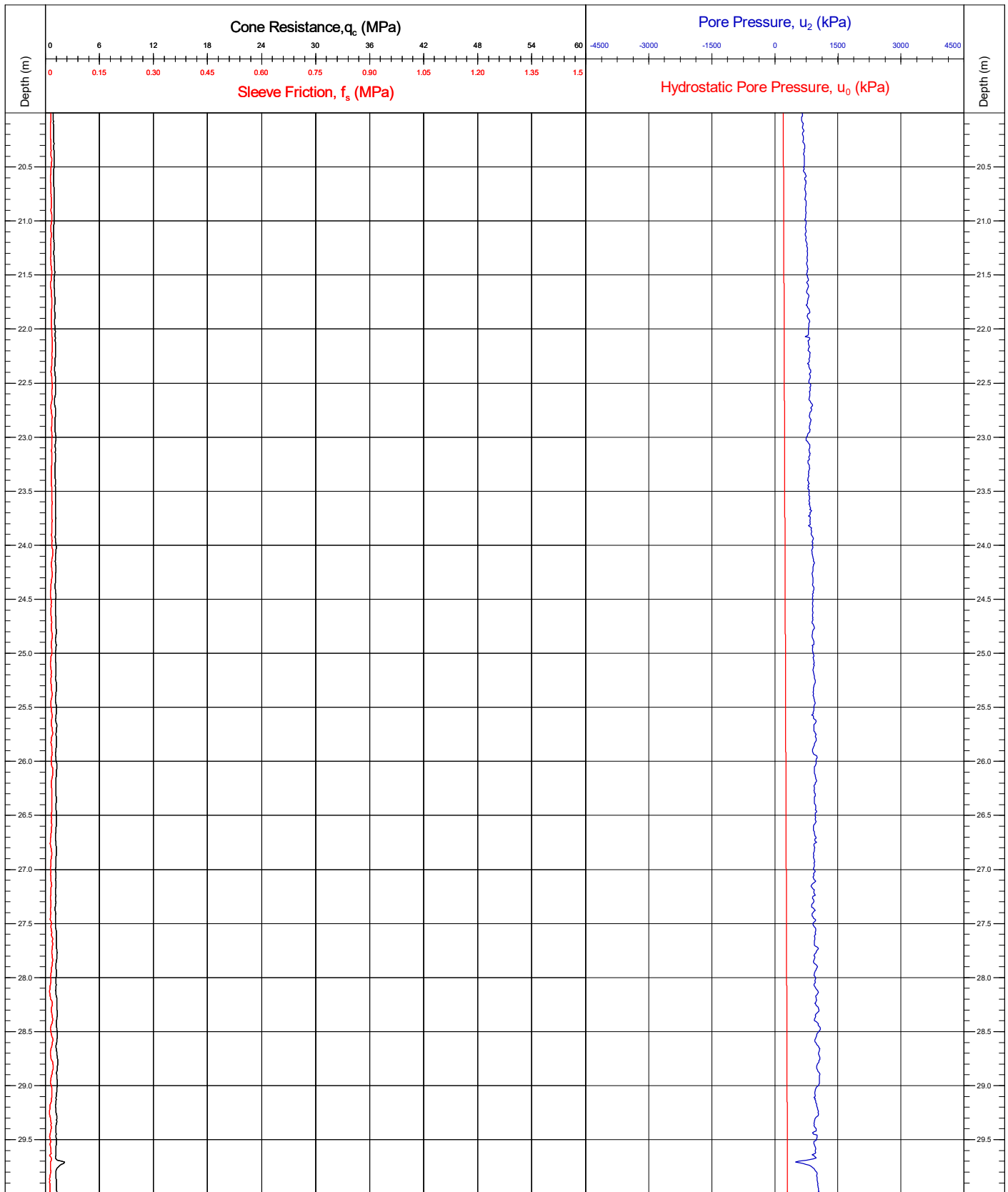


Area	Kattegat Sea	Coordinates	676906.00E 6273504.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.58	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = -0.1° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

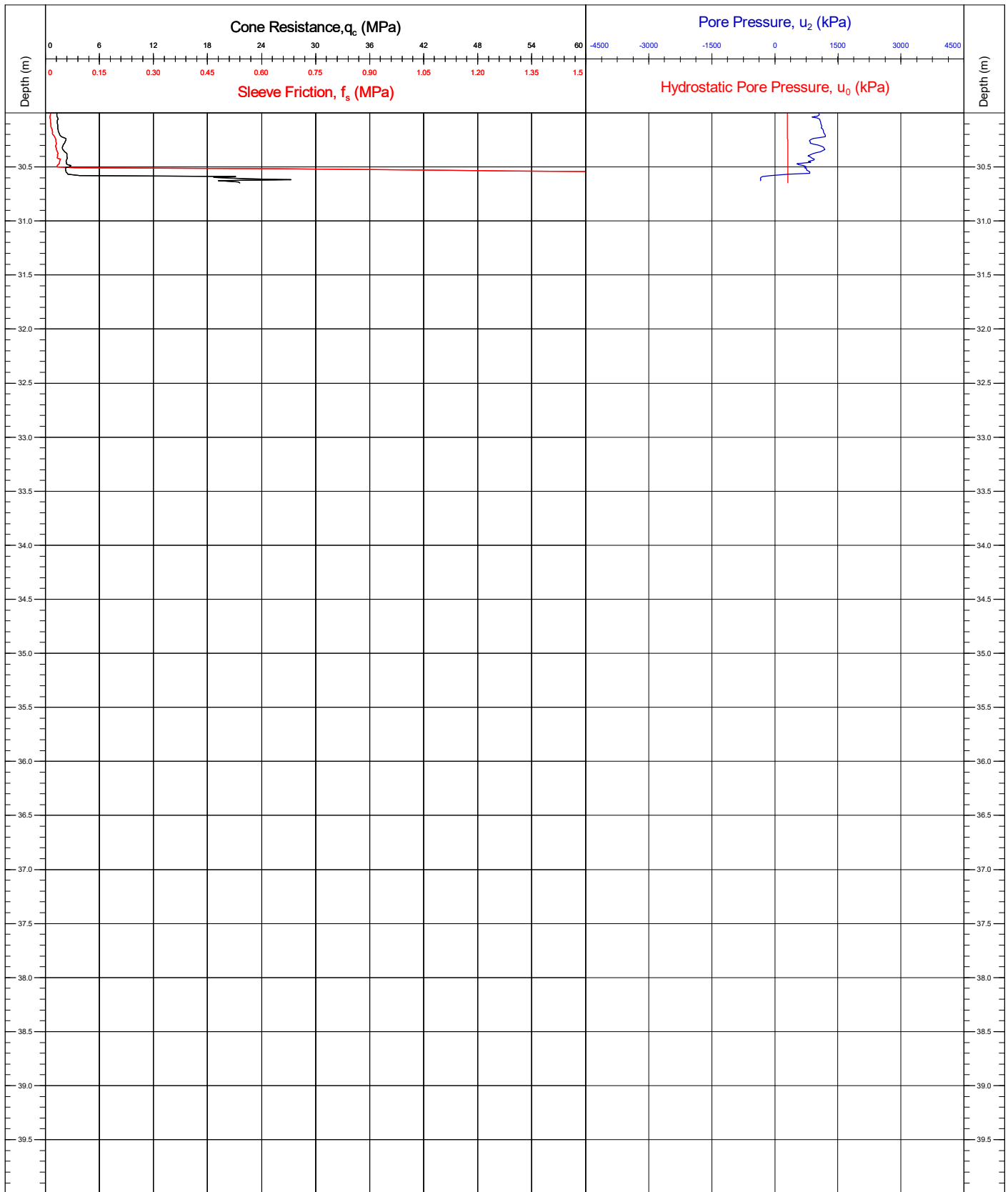


Area	Kattegat Sea	Coordinates	676906.00E 6273504.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.58	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = -0.1° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

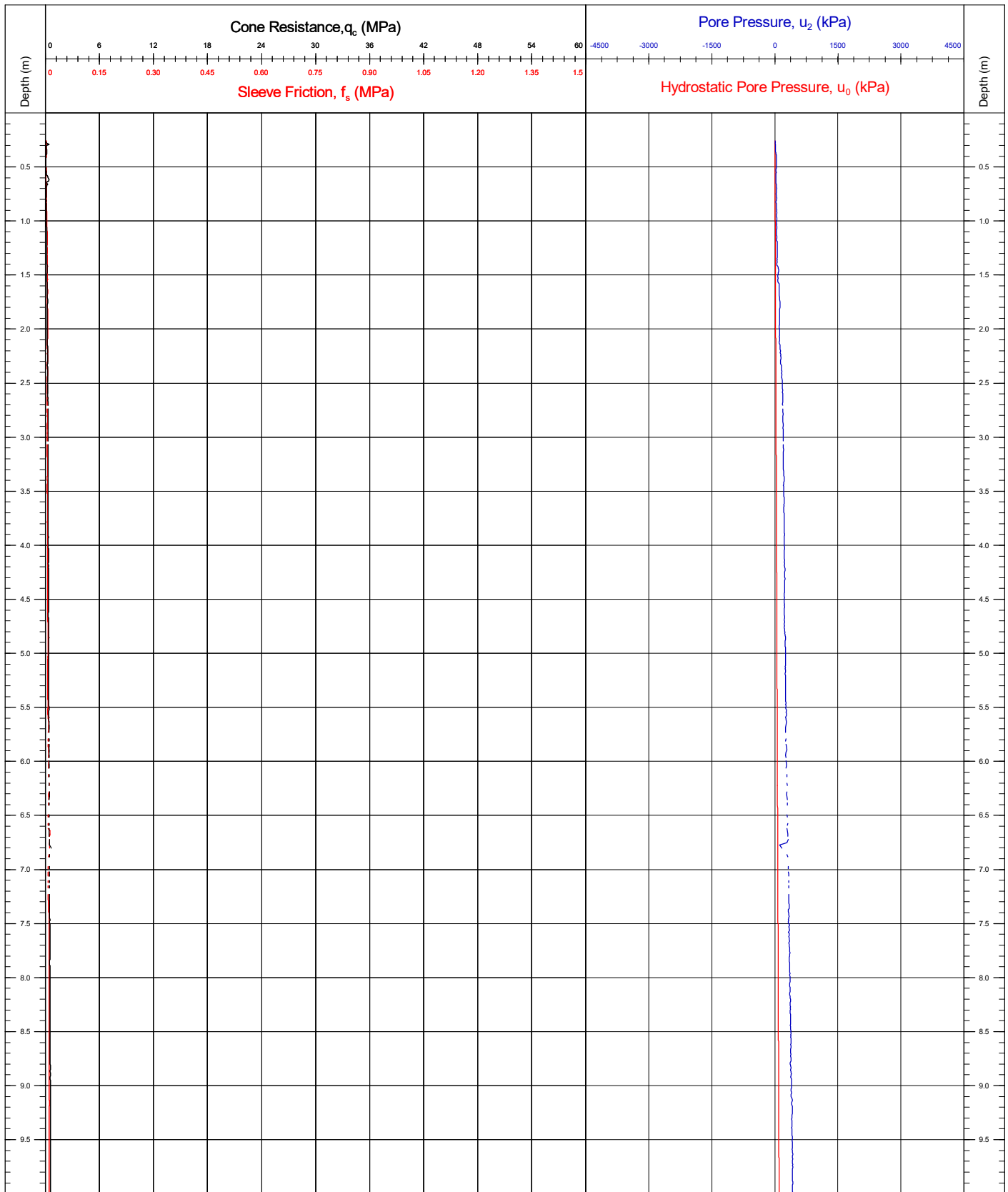


Area	Kattegat Sea	Coordinates	676906.00E 6273504.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.58	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = -0.1° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

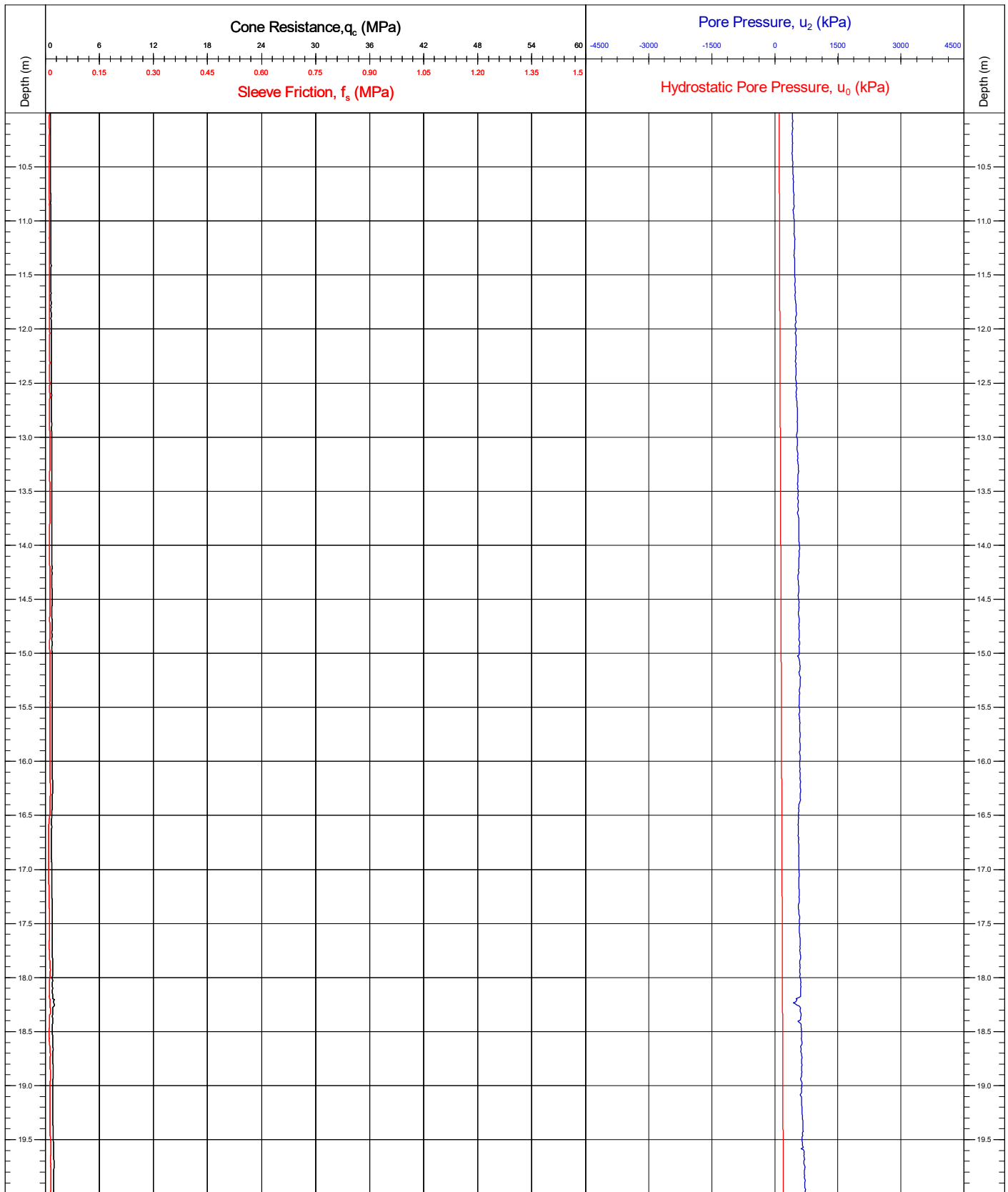


Area	Kattegat Sea	Coordinates	676906.40E 6273499.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.5°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

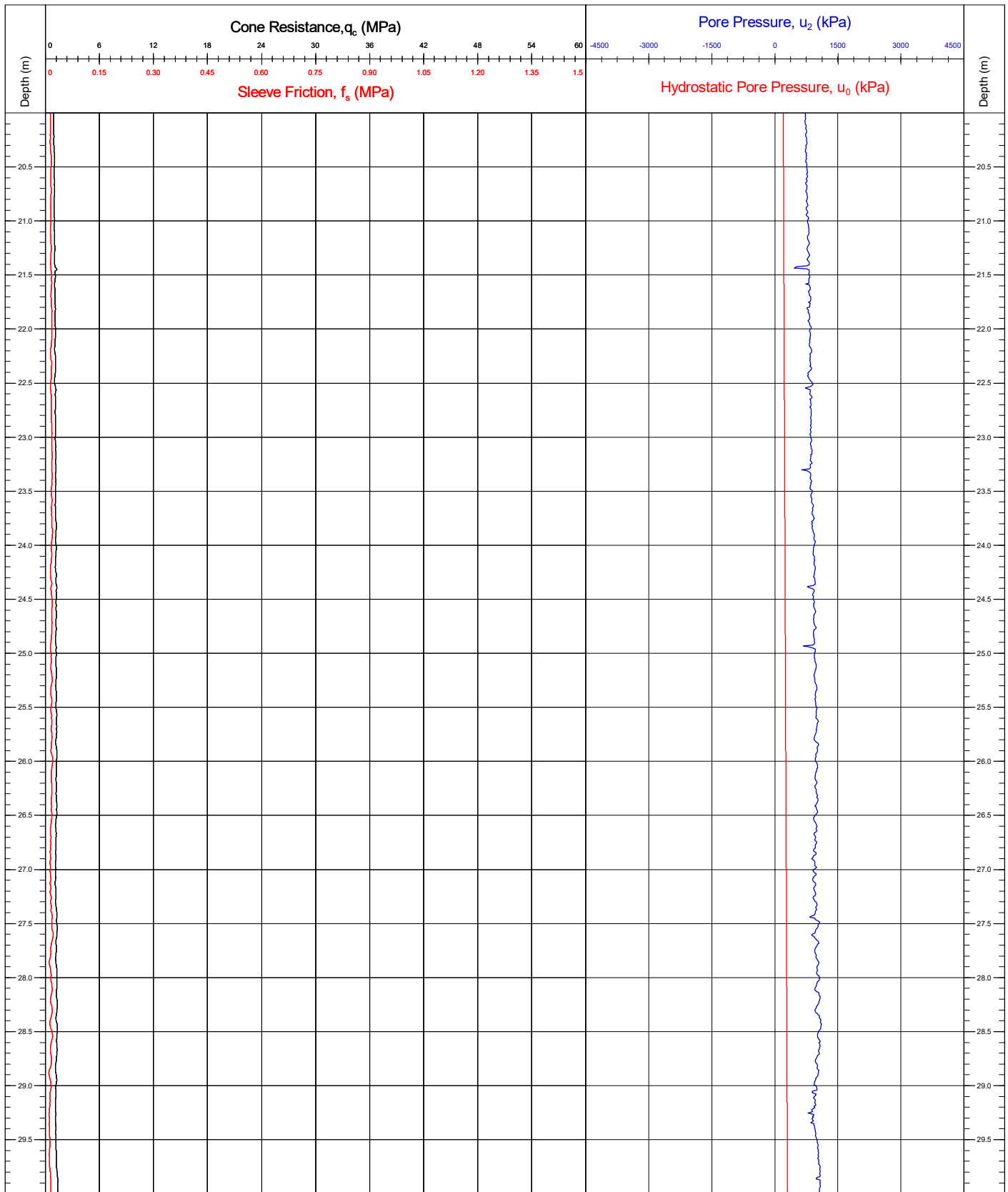


Area	Kattegat Sea	Coordinates	676906.40E 6273499.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.5°	JK/BC DR SMC	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

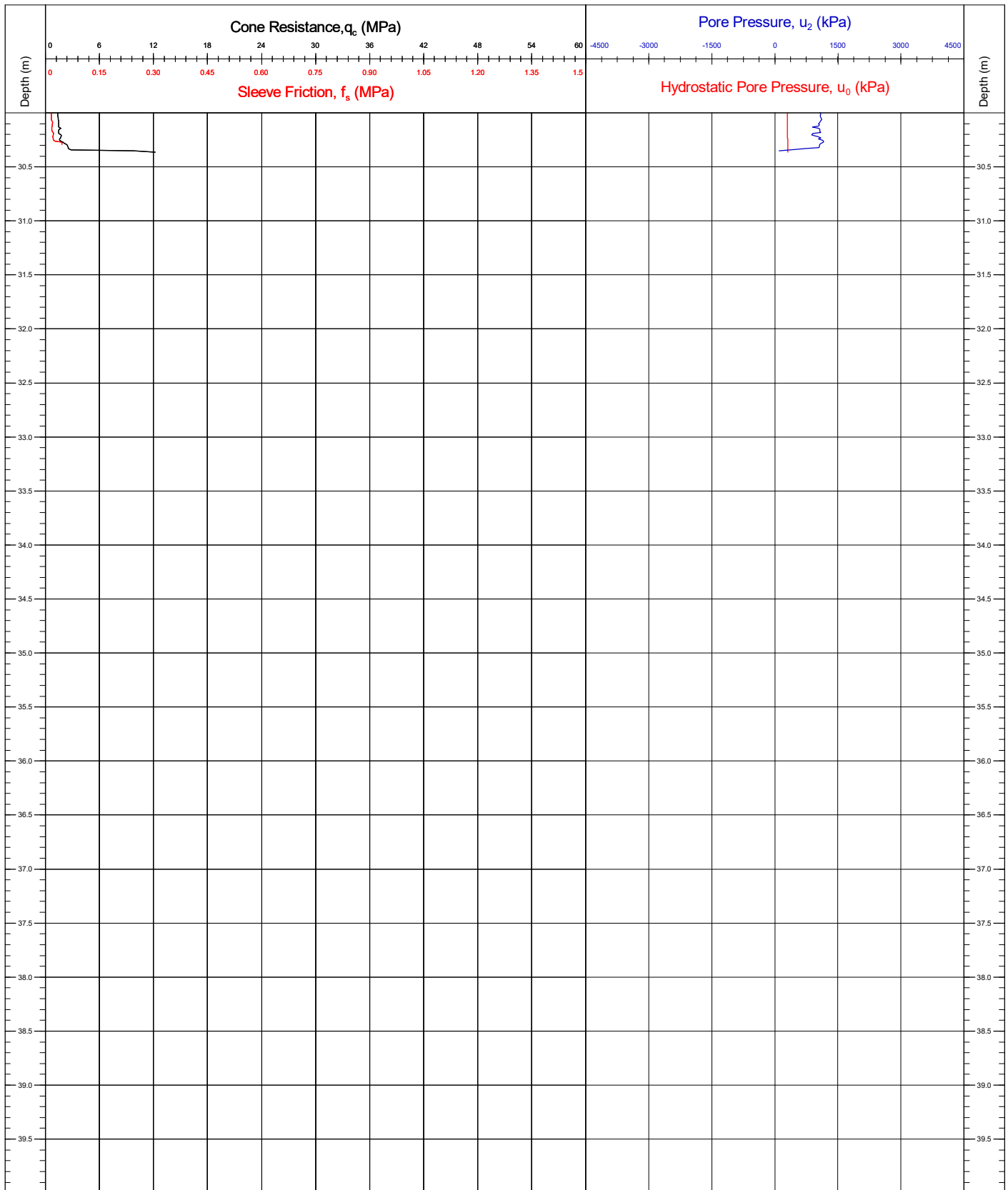


Area	Kattegat Sea	Coordinates	676906.40E	6273499.90N	CPT Number CPT25a				
Contract	11596	Latitude / Longitude							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63						
Vessel	MV Ocean Vantage	Date of Test	01/05/2021		Page: 3/4				
<small>Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software</small>		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8		QC Status				
		Base Inclination	X = 1.2° / Y = 0.5°		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(01/05/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>	Preliminary	Draft	Final	JK/BC <small>(01/05/2021)</small>
Preliminary	Draft	Final							
JK/BC <small>(01/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>							
		CRS	ETRS89						



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

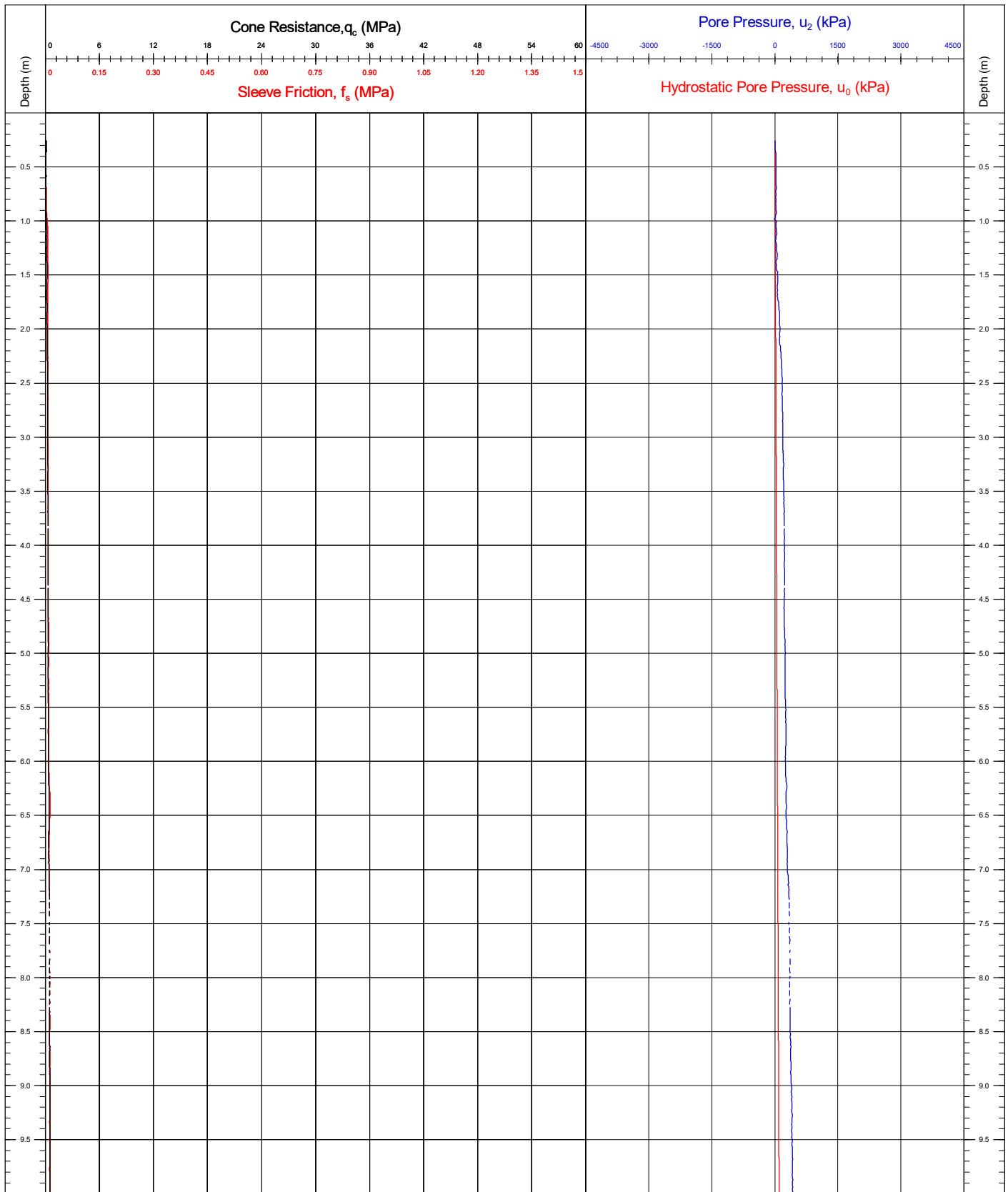


Area	Kattegat Sea	Coordinates	676906.40E	6273499.90N	CPT Number		
Contract	11596	Latitude / Longitude			CPT25a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63		Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021		QC Status		
Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8				
		Base Inclination	X = 1.2° / Y = 0.5°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

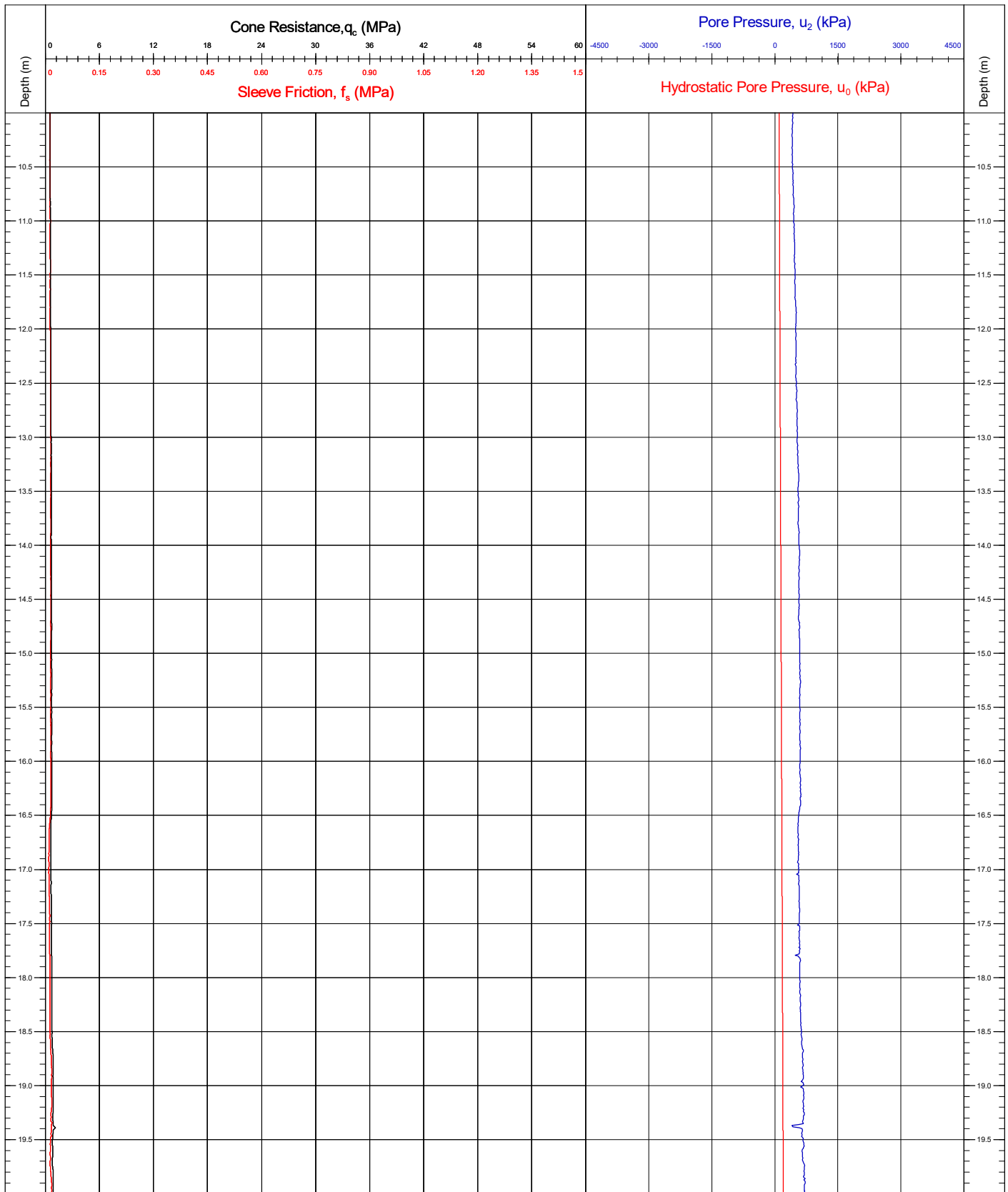


Area	Kattegat Sea	Coordinates	676906.00E 6273510.10N	CPT Number			
Contract	11596	Latitude / Longitude		CPT25b			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57				
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 1/4			
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline</small>				Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		
				Base Inclination	X = 1.1° / Y = 0.9°		
CRS ETRS89				QC Status			
				Preliminary	Draft	Final	
				JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

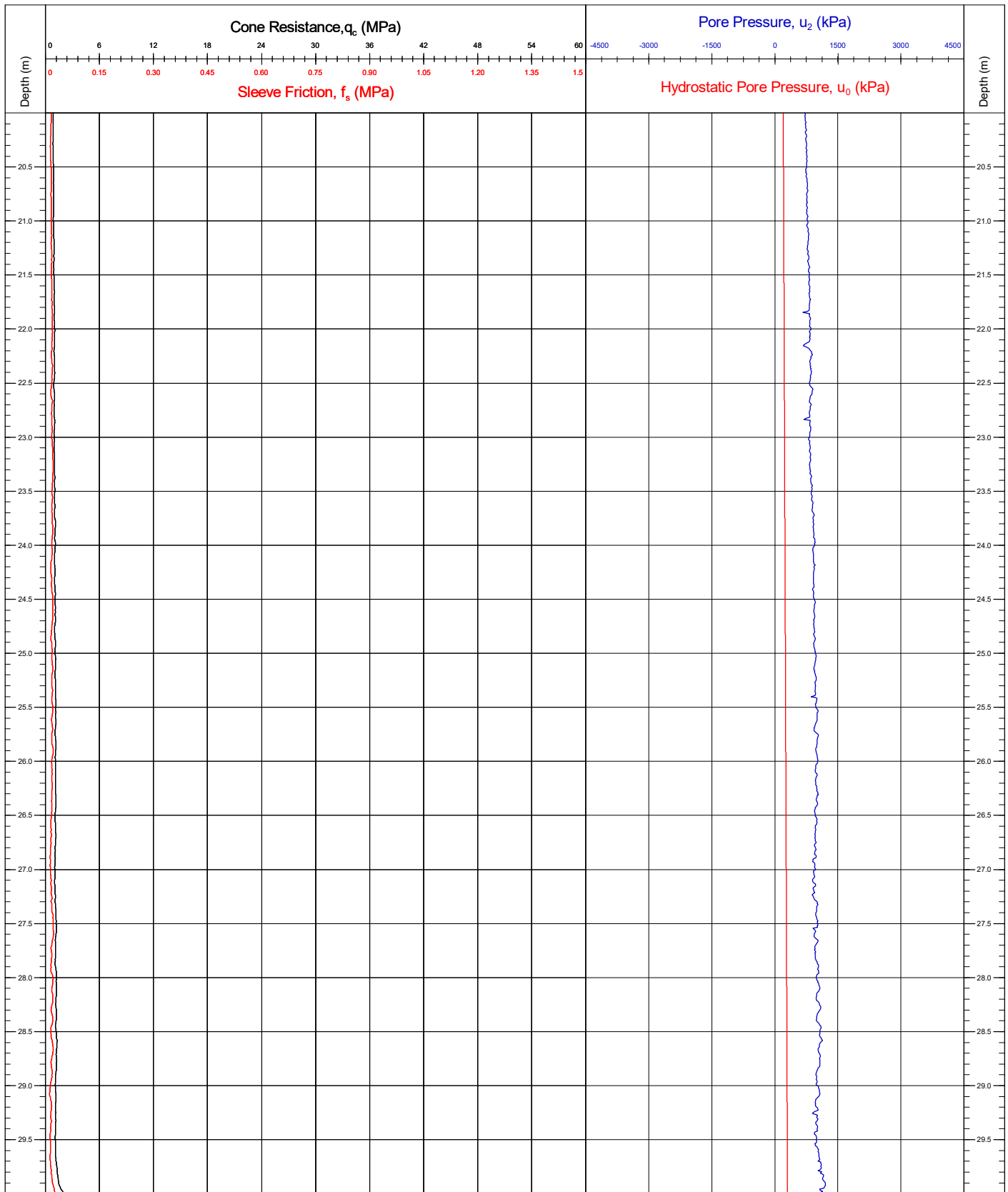


Area	Kattegat Sea	Coordinates	676906.00E 6273510.10N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25b	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC	DR
		CRS	ETRS89	(02/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

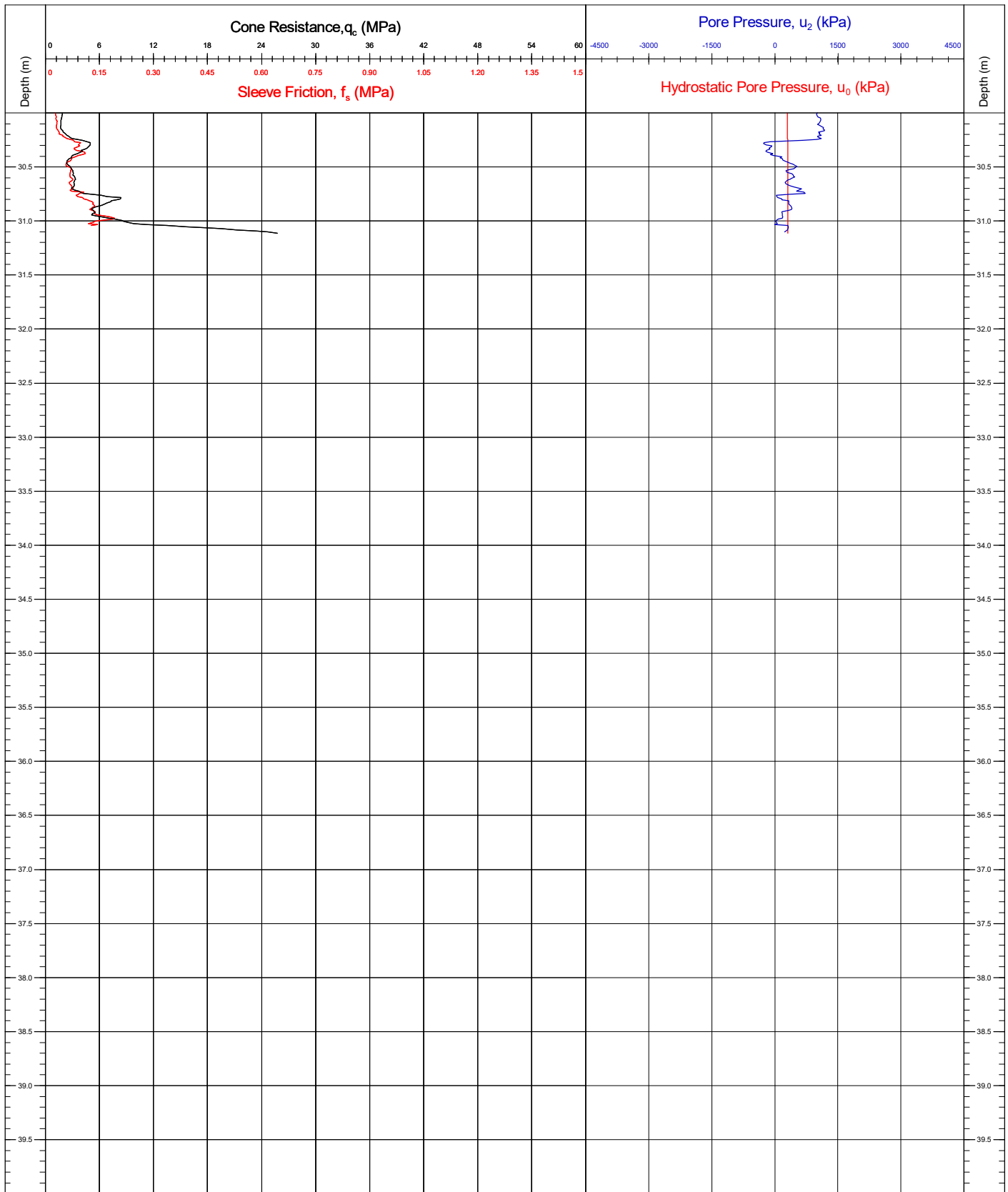


Area	Kattegat Sea	Coordinates	676906.00E 6273510.10N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25b	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(02/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

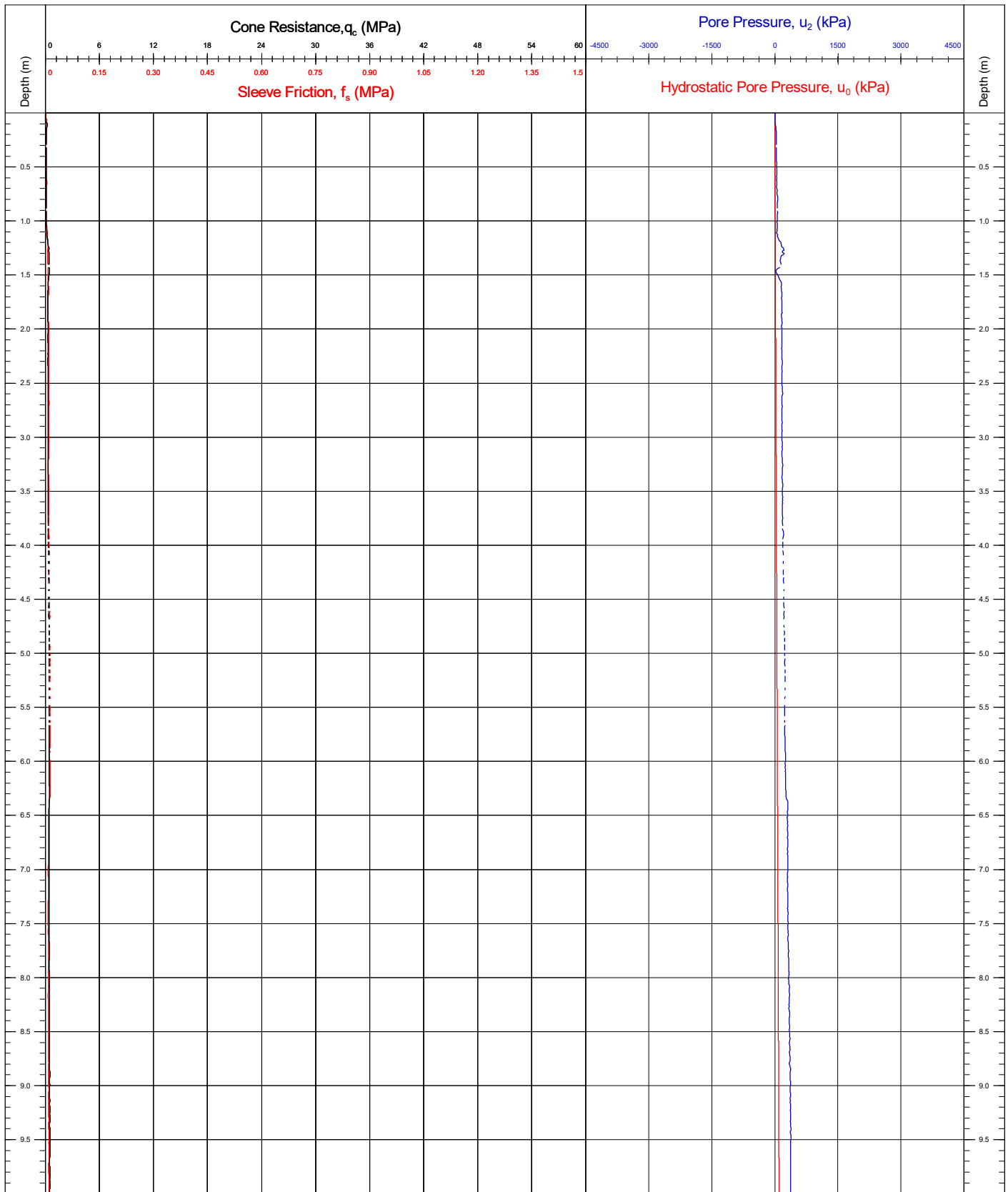


Area	Kattegat Sea	Coordinates	676906.00E 6273510.10N	CPT Number		
Contract	11596	Latitude / Longitude		CPT25b		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57			
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 4/4		
Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline				QC Status		
				Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	
Base Inclination				X = 1.1° / Y = 0.9°		
CRS				ETRS89		
		Preliminary	Draft	Final		
		JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

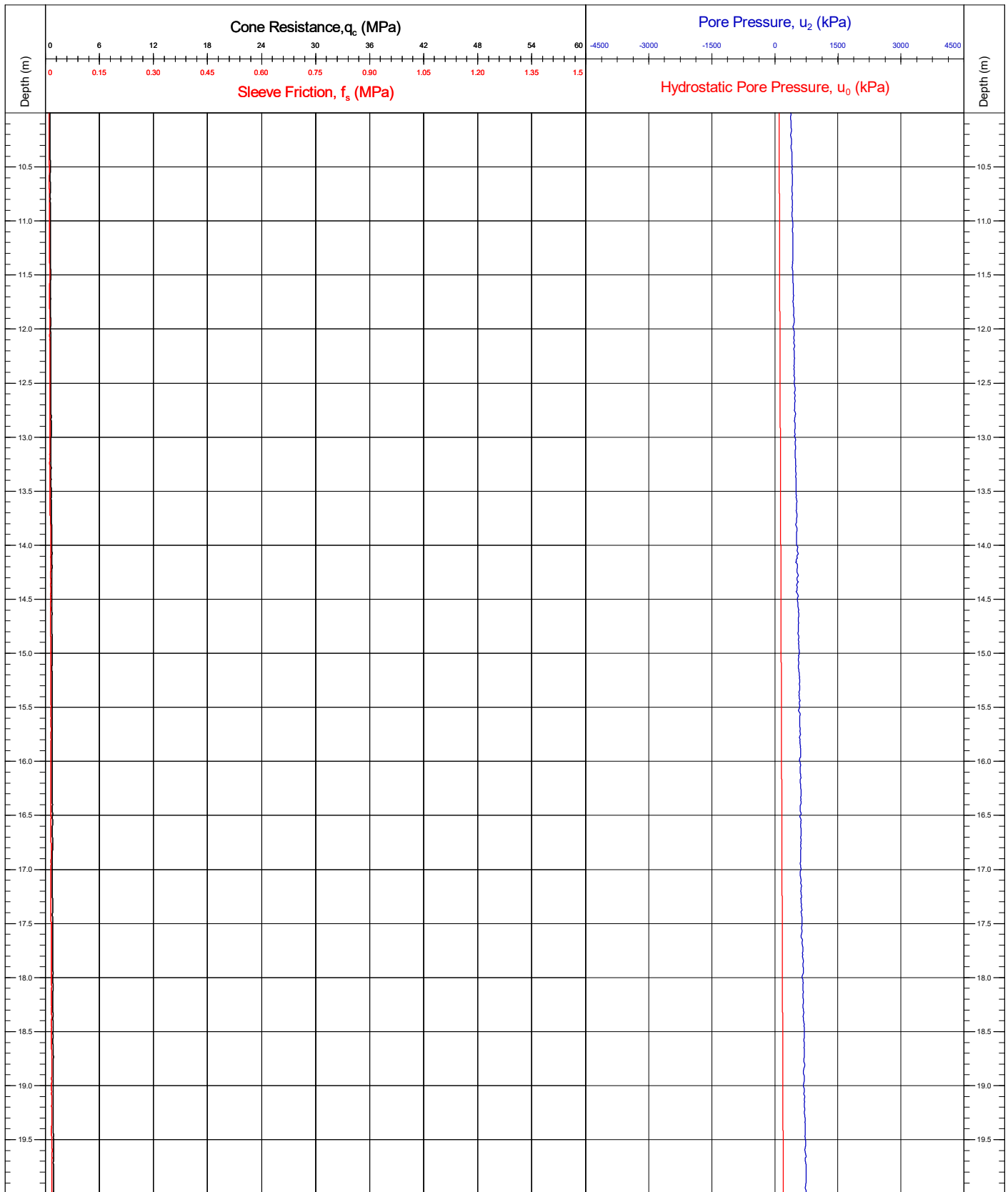


Area	Kattegat Sea	Coordinates	676724.10E 6276824.70N	CPT Number	
Contract	11596	Latitude / Longitude		CPT26	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.88	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(02/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

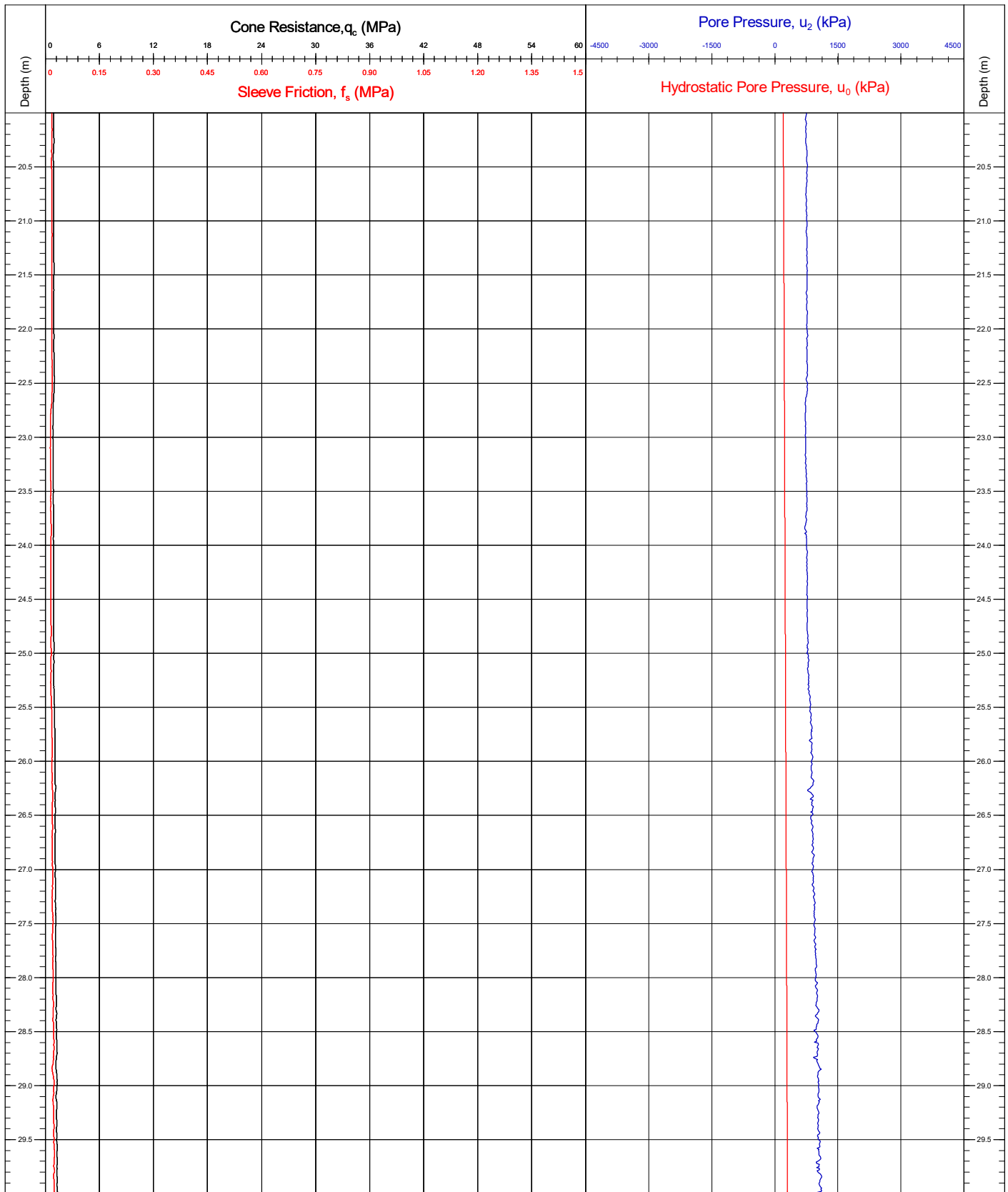


Area	Kattegat Sea	Coordinates	676724.10E 6276824.70N	CPT Number		
Contract	11596	Latitude / Longitude		CPT26		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.88			
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 2/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load</small>				QC Status		
				Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

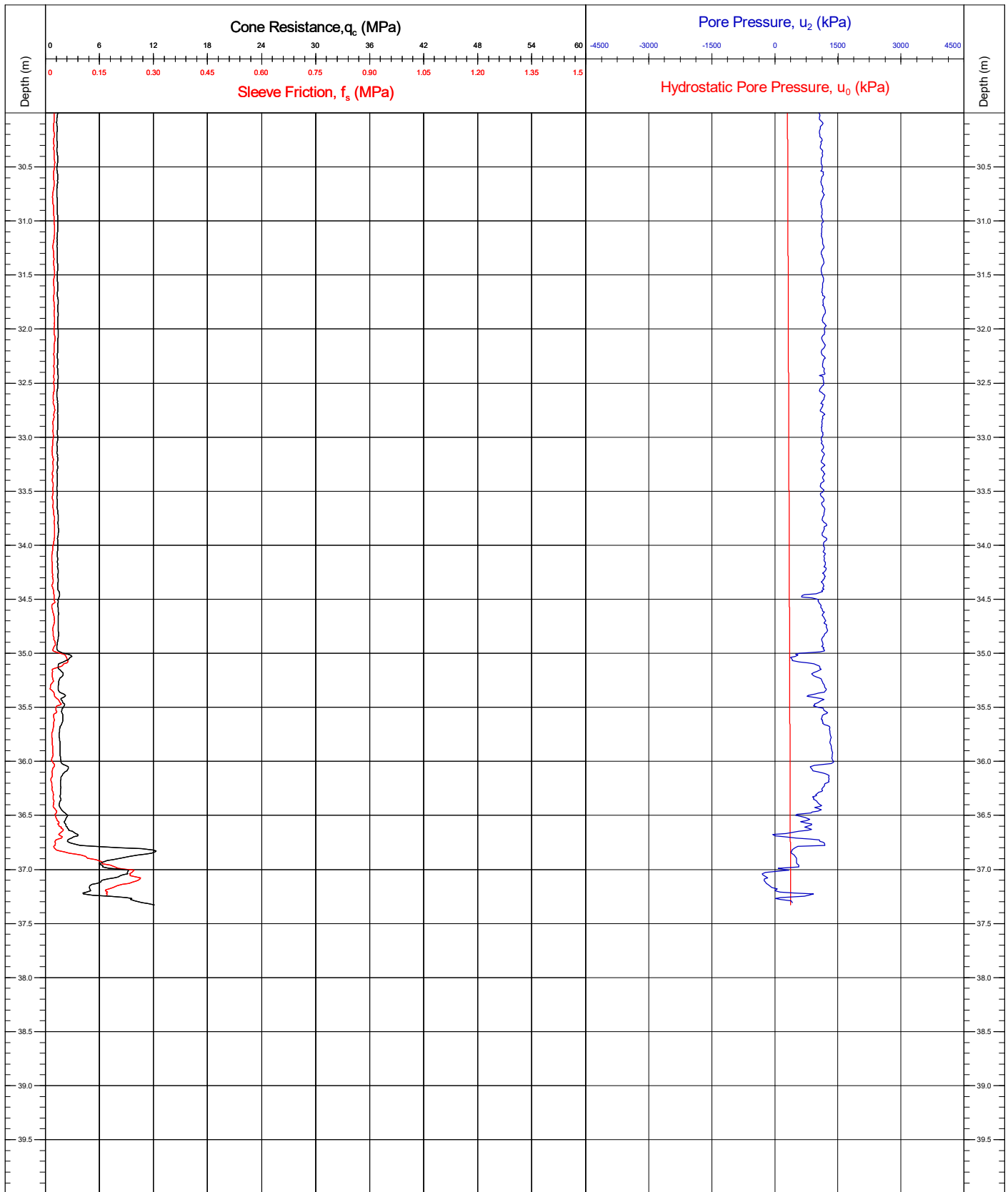


Area	Kattegat Sea	Coordinates	676724.10E 6276824.70N	CPT Number	
Contract	11596	Latitude / Longitude		CPT26	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.88	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(02/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

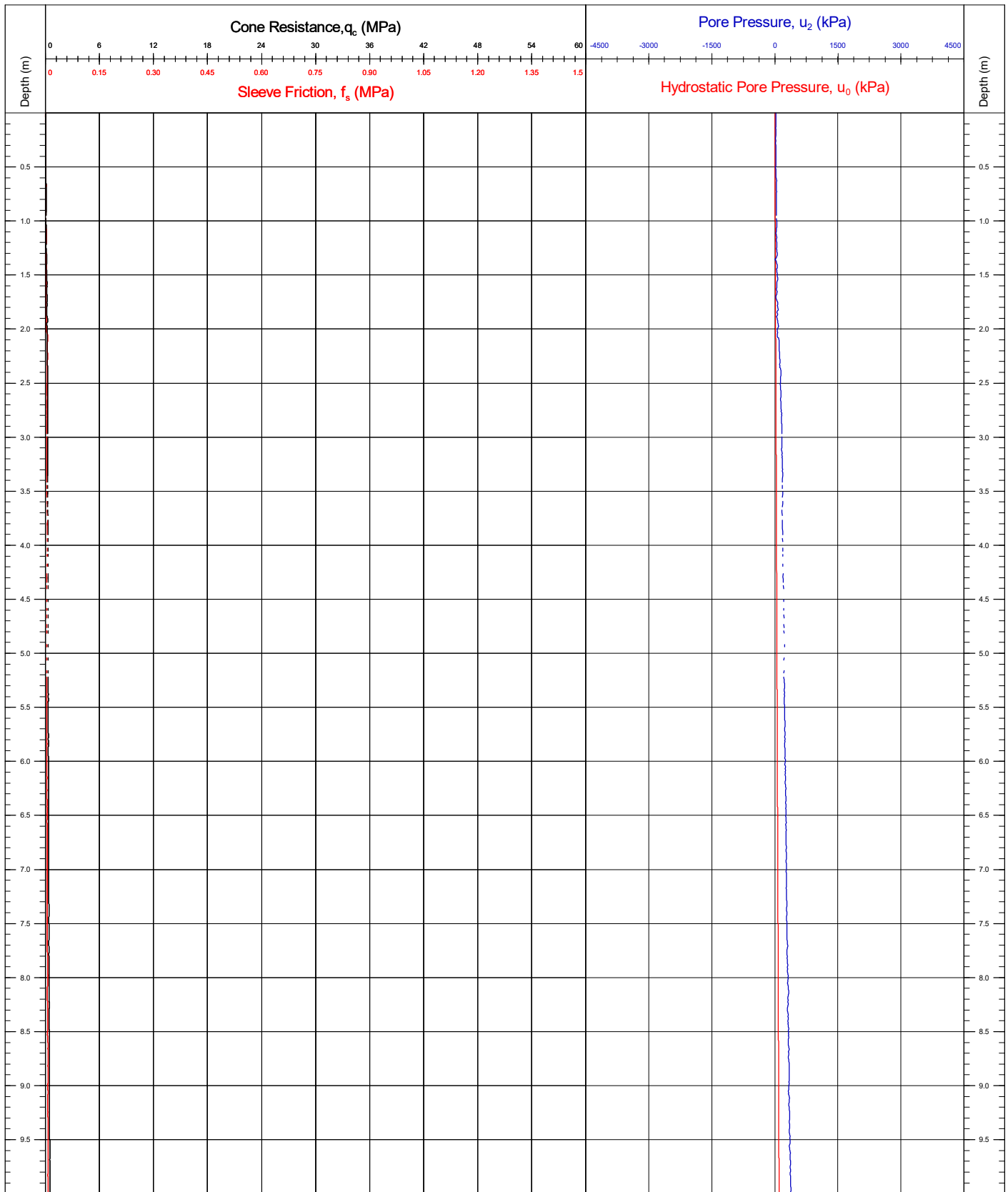


Area	Kattegat Sea	Coordinates	676724.10E	6276824.70N	CPT Number
Contract	11596	Latitude / Longitude			CPT26
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.88		Page: 4/4
Vessel	MV Ocean Vantage	Date of Test	02/05/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load					
		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(02/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

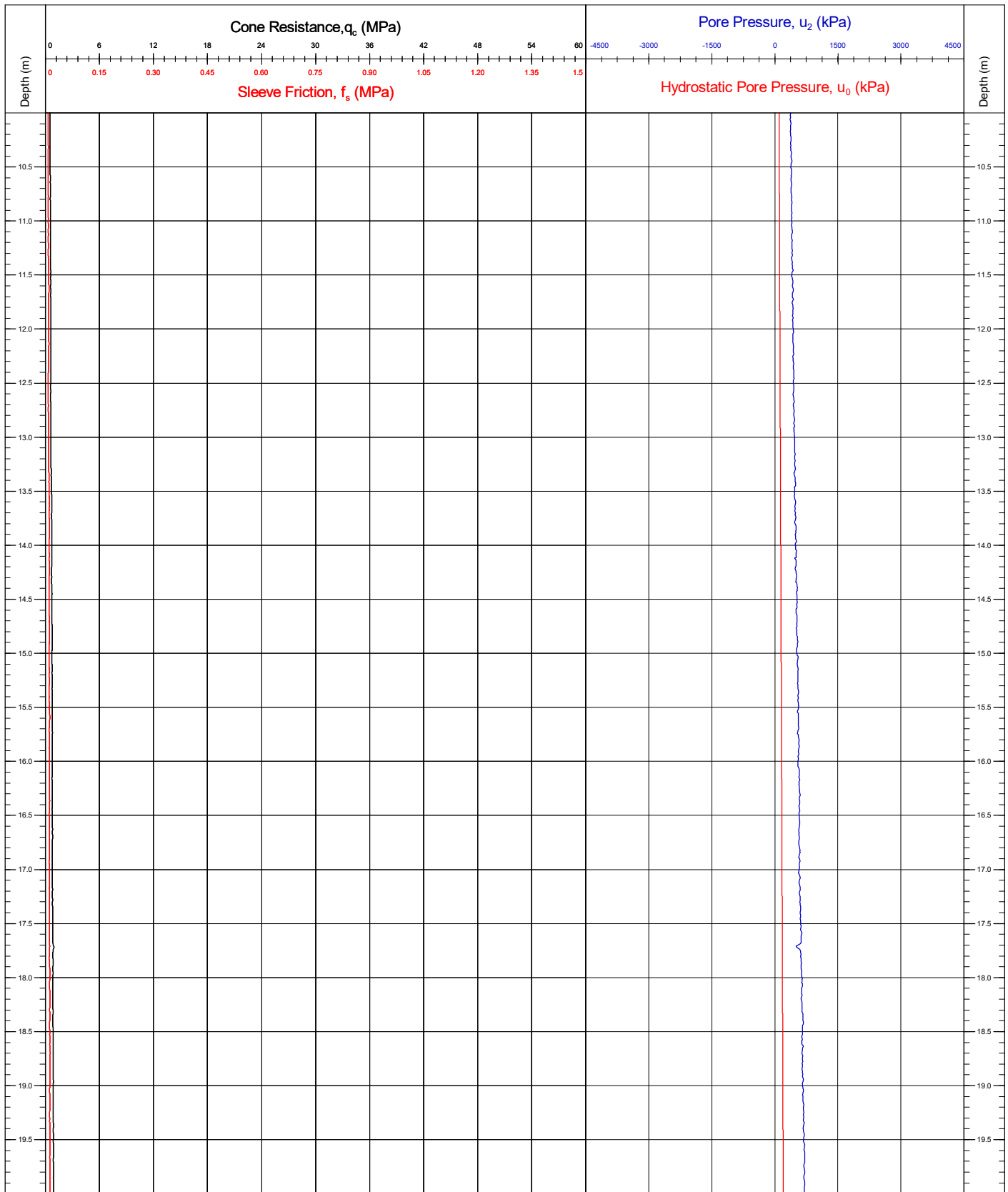


Area	Kattegat Sea	Coordinates	674182.00E 6265896.30N	CPT Number	
Contract	11596	Latitude / Longitude		OSS 1	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 1/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
<small>Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4</small>		Cone No.(size)/α Factor	100415 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC <small>(25/04/2021)</small>	DR <small>(10/06/2021)</small>
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

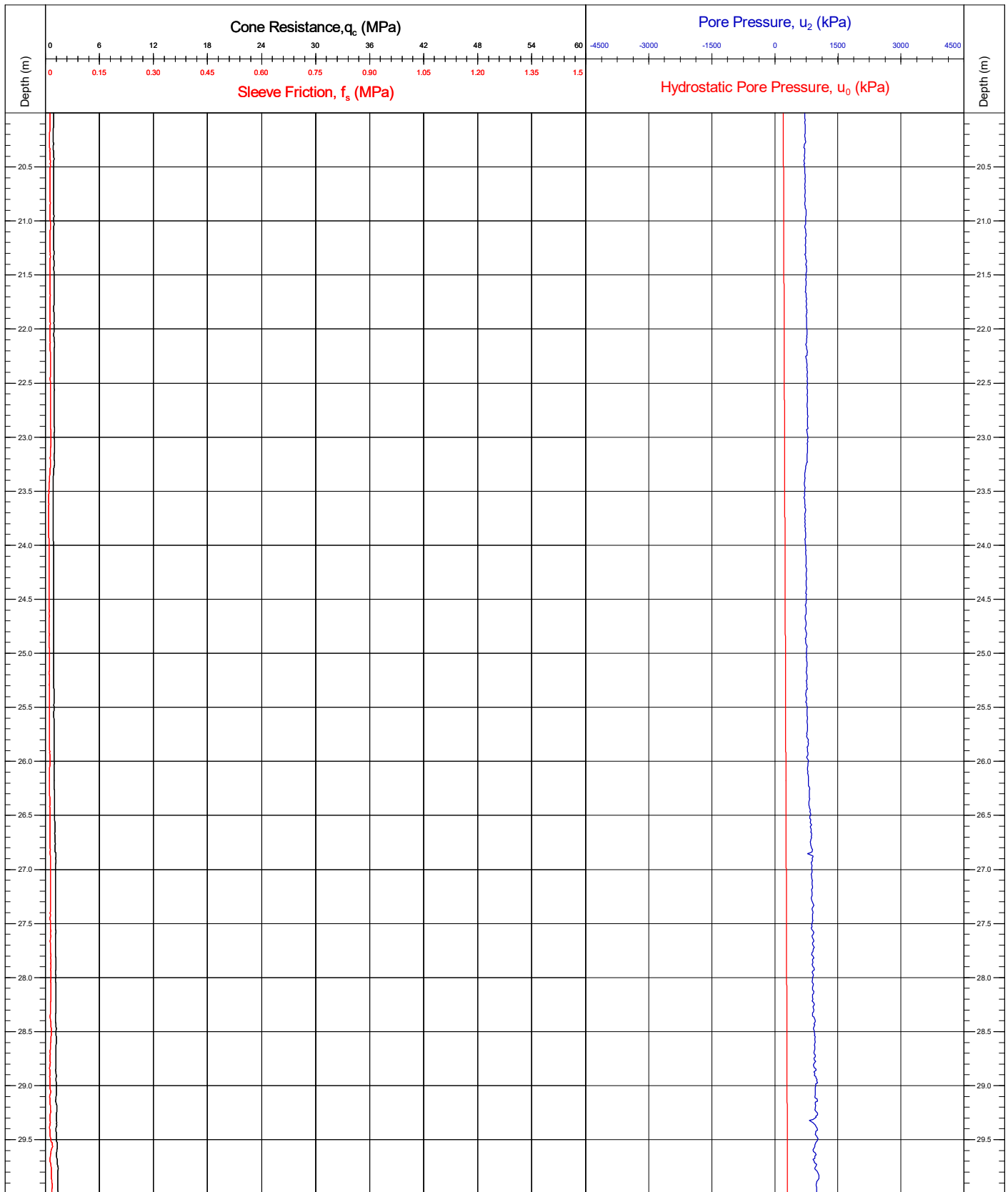


Area	Kattegat Sea	Coordinates	674182.00E 6265896.30N	CPT Number		
Contract	11596	Latitude / Longitude		OSS 1		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 2/5		
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status		
Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4		Cone No.(size)/α Factor	100415 (10cm ²) / 0.8	Preliminary Draft Final		
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR	SMc
		CRS	ETRS89	(25/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

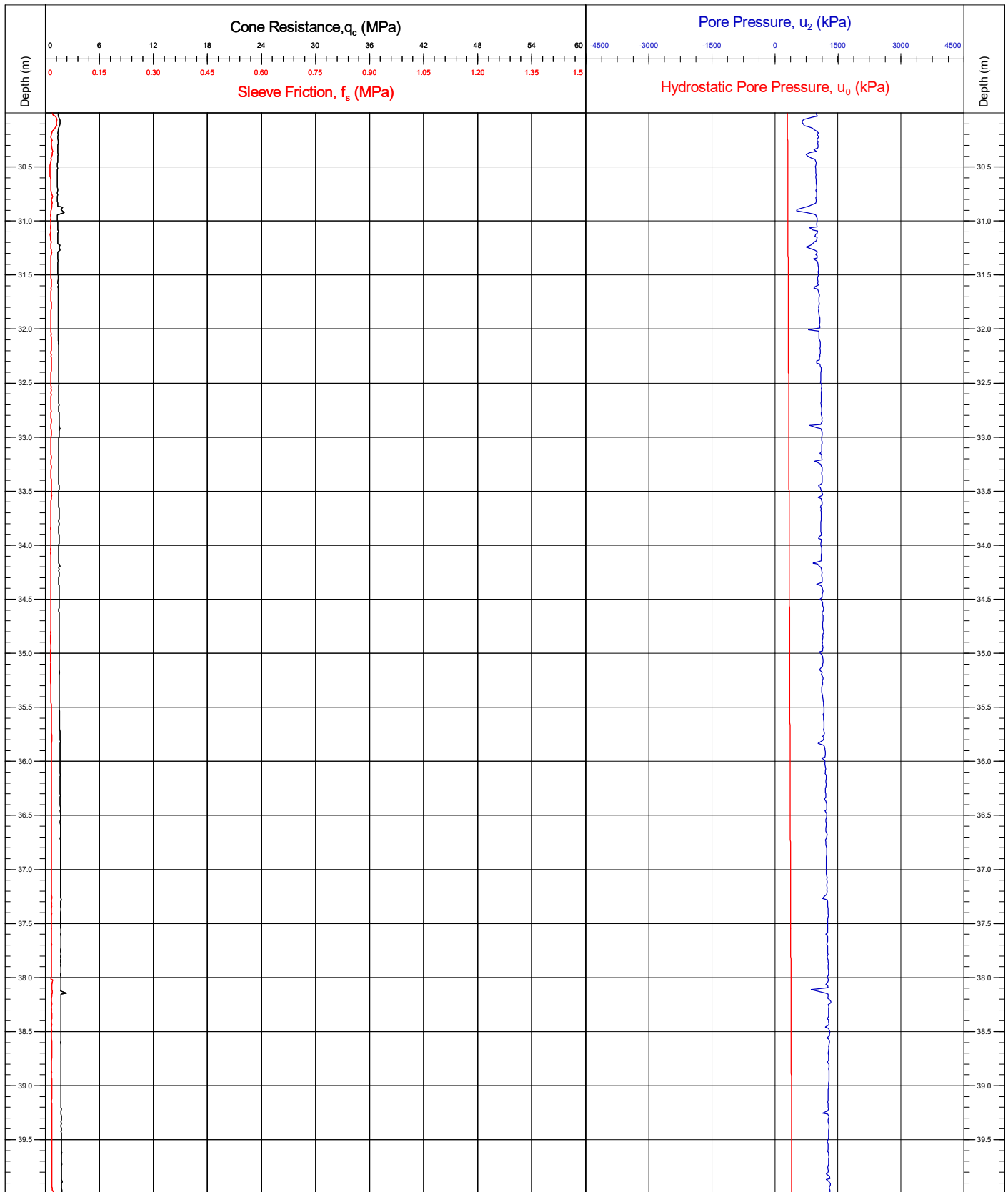


Area	Kattegat Sea	Coordinates	674182.00E 6265896.30N	CPT Number	
Contract	11596	Latitude / Longitude		OSS 1	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 3/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
<small>Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4</small>		Cone No.(size)/α Factor	100415 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC <small>(25/04/2021)</small>	DR <small>(10/06/2021)</small>
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

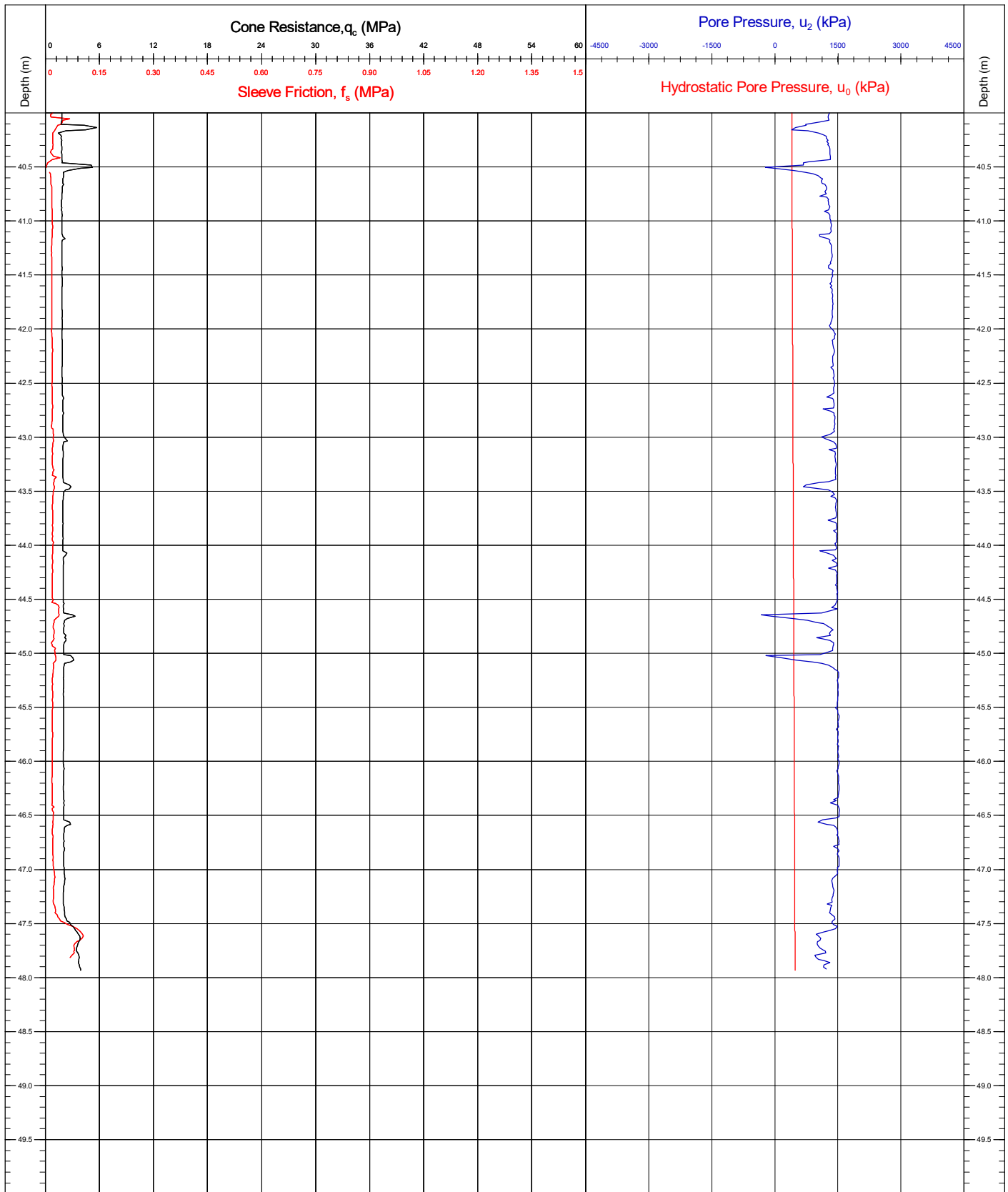


Area	Kattegat Sea	Coordinates	674182.00E 6265896.30N	CPT Number			
Contract	11596	Latitude / Longitude		OSS 1			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60				
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 4/5			
Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4				QC Status			
				Cone No.(size)/ α Factor	100415 (10cm ²) / 0.8	Preliminary	Draft
				JK/BC	DR	SMc	
Base Inclination				X = 0.0° / Y = 0.0°	(25/04/2021)	(10/06/2021)	(10/11/2021)
CRS				ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

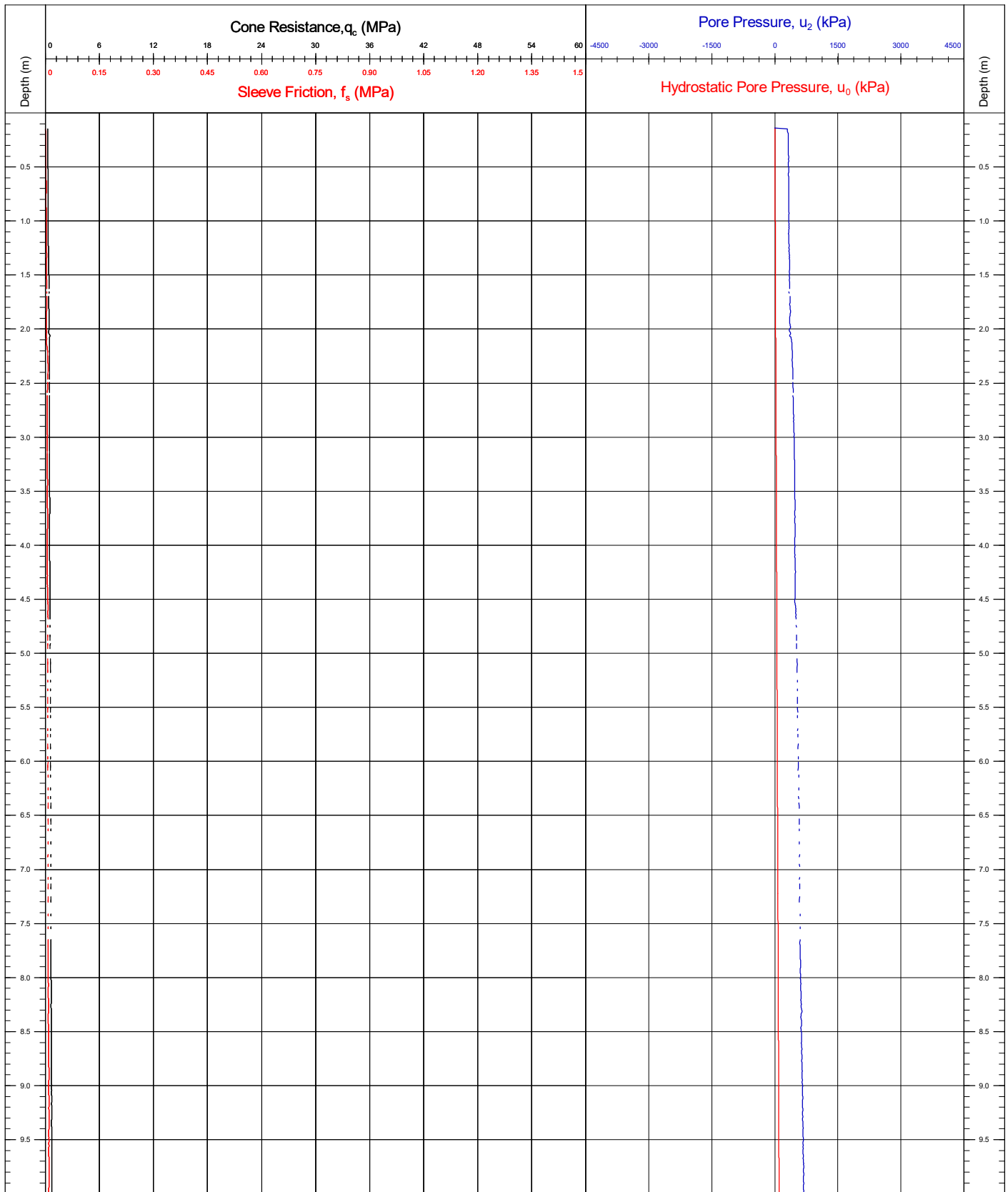


Area	Kattegat Sea	Coordinates	674182.00E 6265896.30N	CPT Number		
Contract	11596	Latitude / Longitude		OSS 1		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60			
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 5/5		
Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4		Cone No.(size)/ α Factor	100415 (10cm ²) / 0.8	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

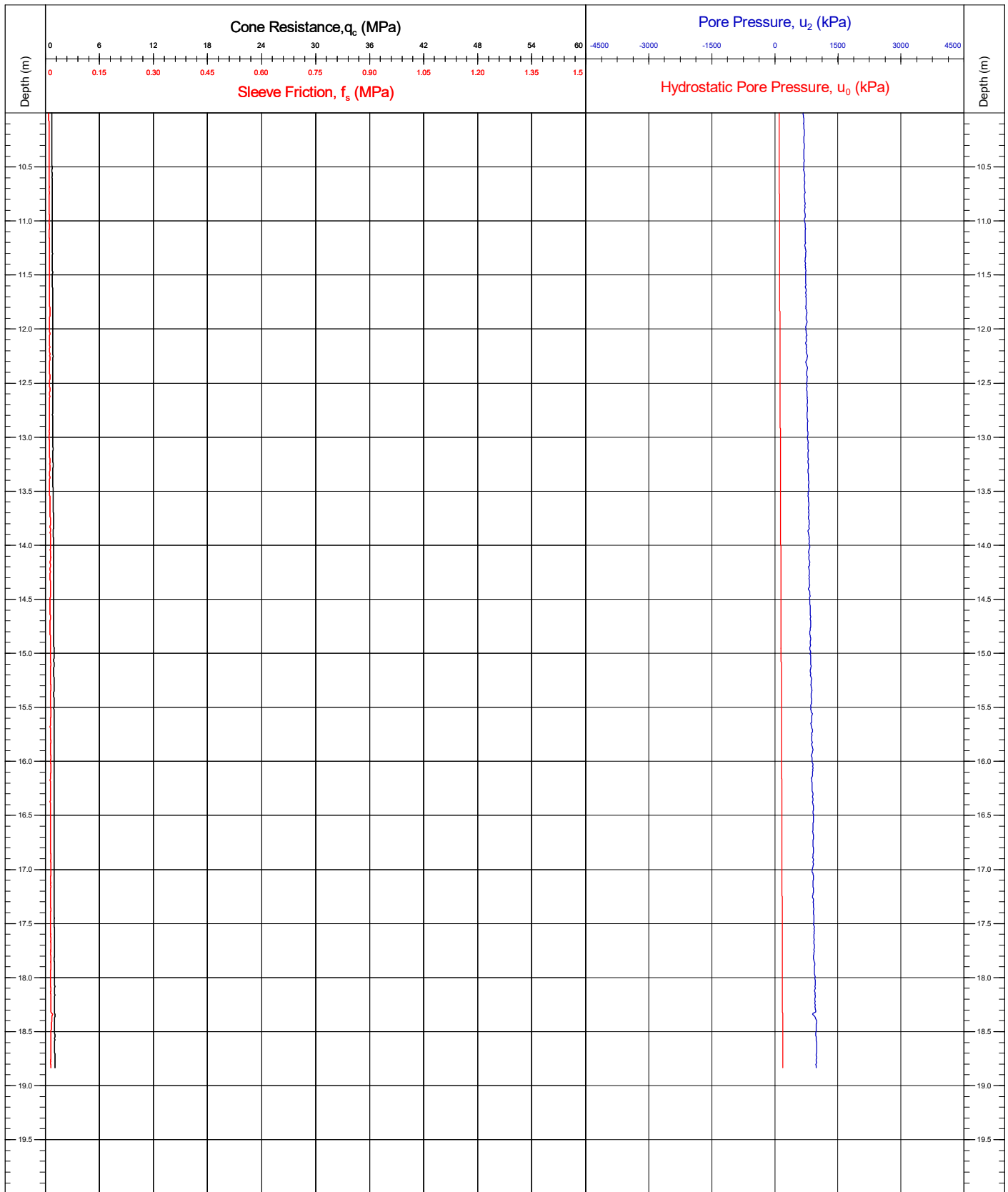


Area	Kattegat Sea	Coordinates	674182.40E 6265890.90N	CPT Number OSS 1a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.64	Page: 1/2		
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status		
Comments: Cone class 1. Test terminated at operators discretion due to increasing cone inclination. Final depth 18.70m				Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	
				Base Inclination	X = -0.6° / Y = 1.6°	
CRS		ETRS89		Preliminary	Draft	Final
				JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

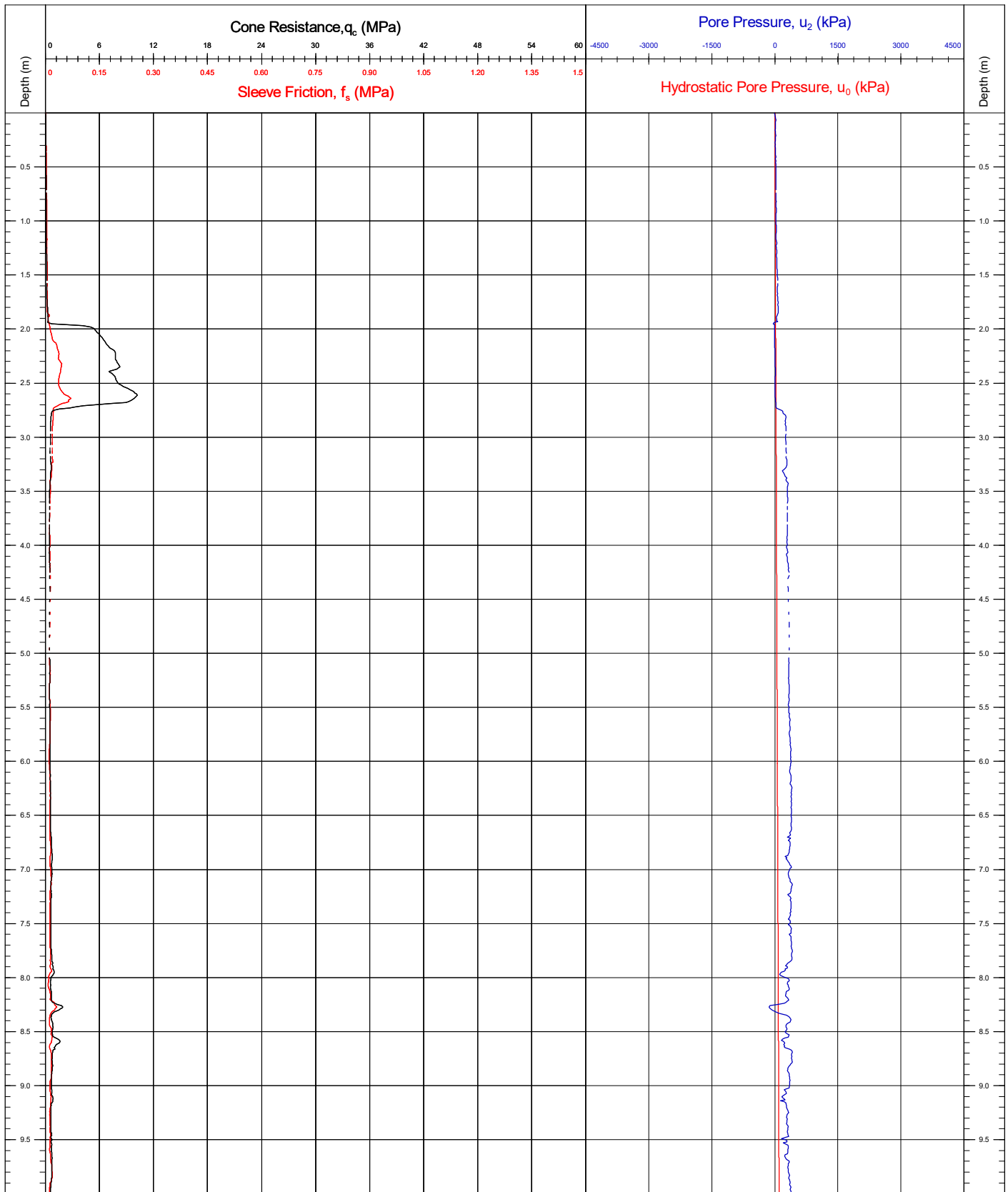


Area	Kattegat Sea	Coordinates	674182.40E 6265890.90N	CPT Number		
Contract	11596	Latitude / Longitude		OSS 1a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.64	Page: 2/2		
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status		
Comments: Cone class 1. Test terminated at operators discretion due to increasing cone inclination. Final depth 18.70m		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final		
		Base Inclination	X = -0.6° / Y = 1.6°	JK/BC	DR	SMc
		CRS	ETRS89	(25/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

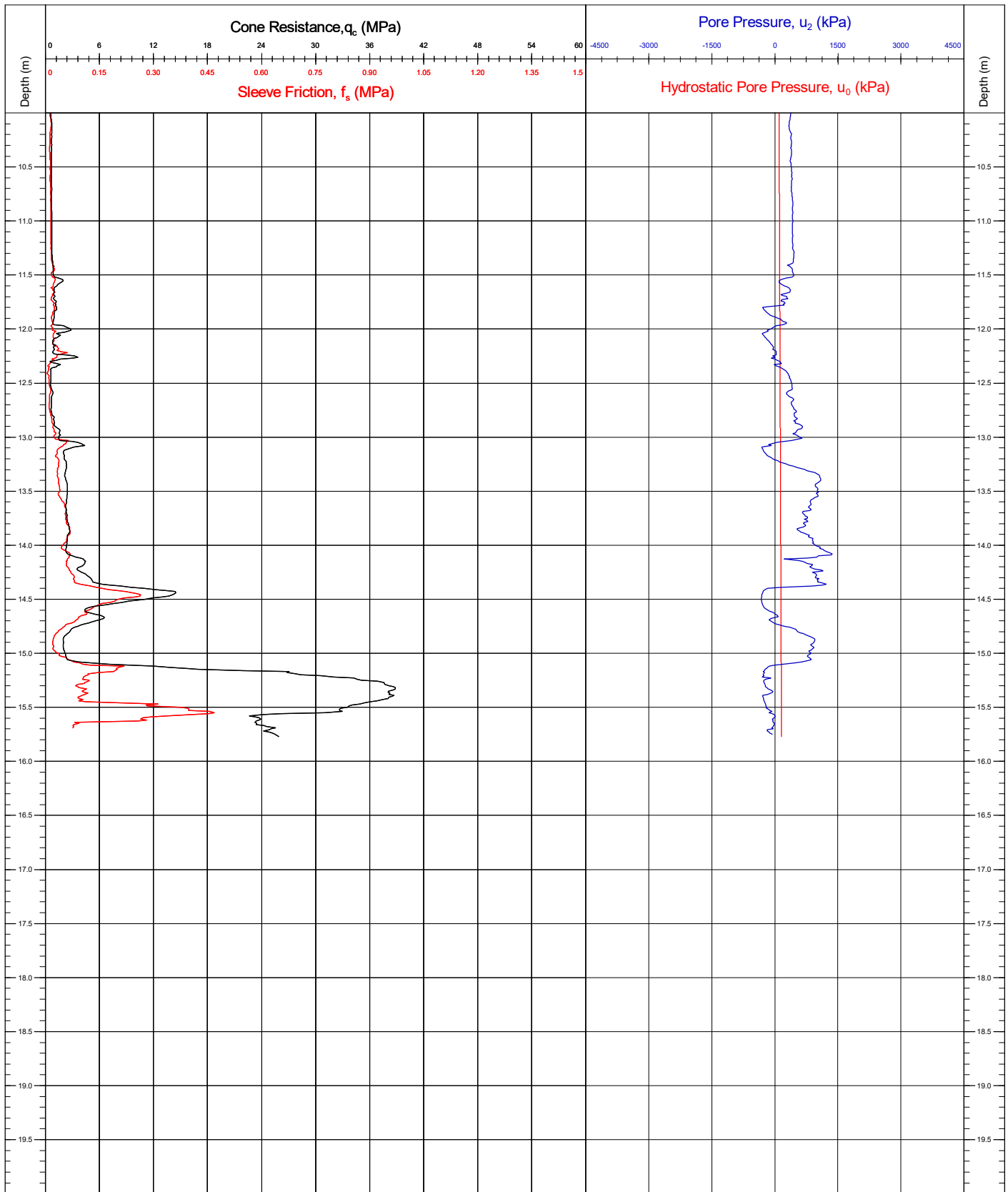


Area	Kattegat Sea	Coordinates	674909.60E 6253669.90N	CPT Number	
Contract	11596	Latitude / Longitude		OSS 2	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96	Page: 1/2	
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 15.84m. Test terminated at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 1.0° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(27/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

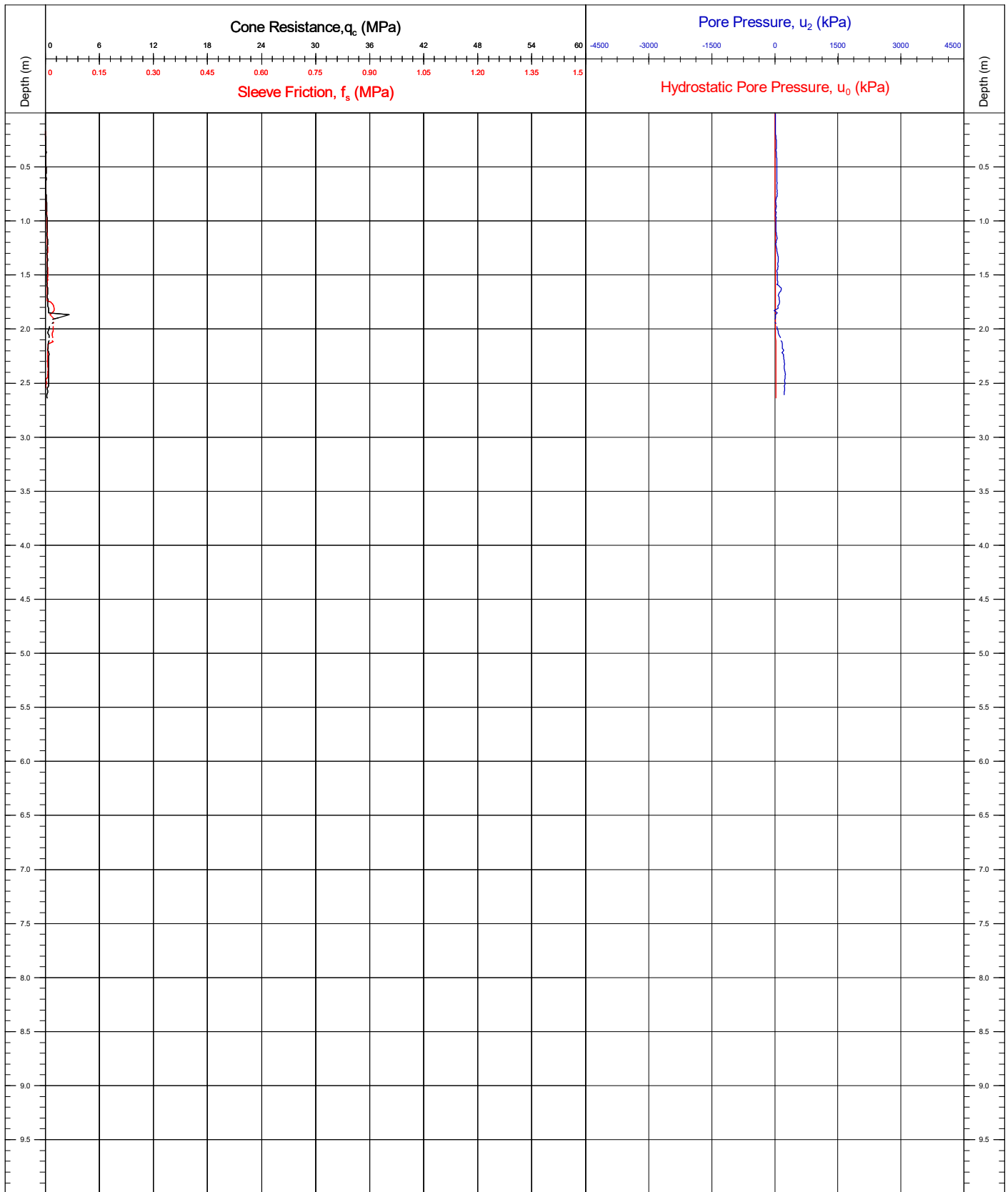


Area	Kattegat Sea	Coordinates	674909.60E 6253669.90N	CPT Number	
Contract	11596	Latitude / Longitude		OSS 2	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96	Page: 2/2	
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 15.84m. Test terminated at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands		Cone No.(size)/α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 1.0° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(27/04/2021)	(10/06/2021)

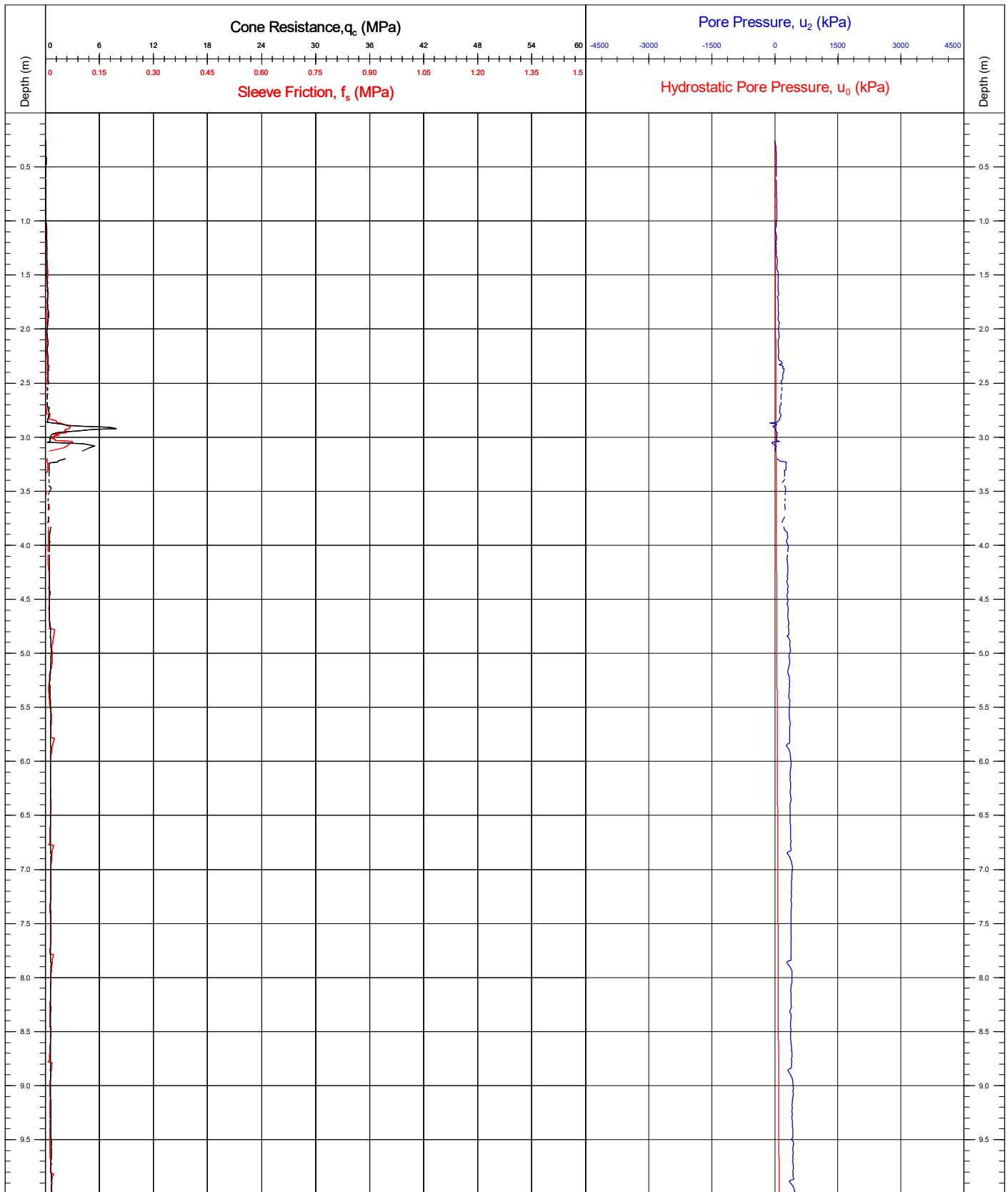


Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



Area	Kattegat Sea	Coordinates	681923.10E 6249312.90N	CPT Number SCPT1		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22	Page: 1/1		
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	QC Status		
Comments: Cone Class 1. Continuous Seismic CPT. Final depth 2.64m. Test was terminated due to seismic source communication issue.		Cone No.(size)/ α Factor	130104 (10cm ²) / 0.77	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)

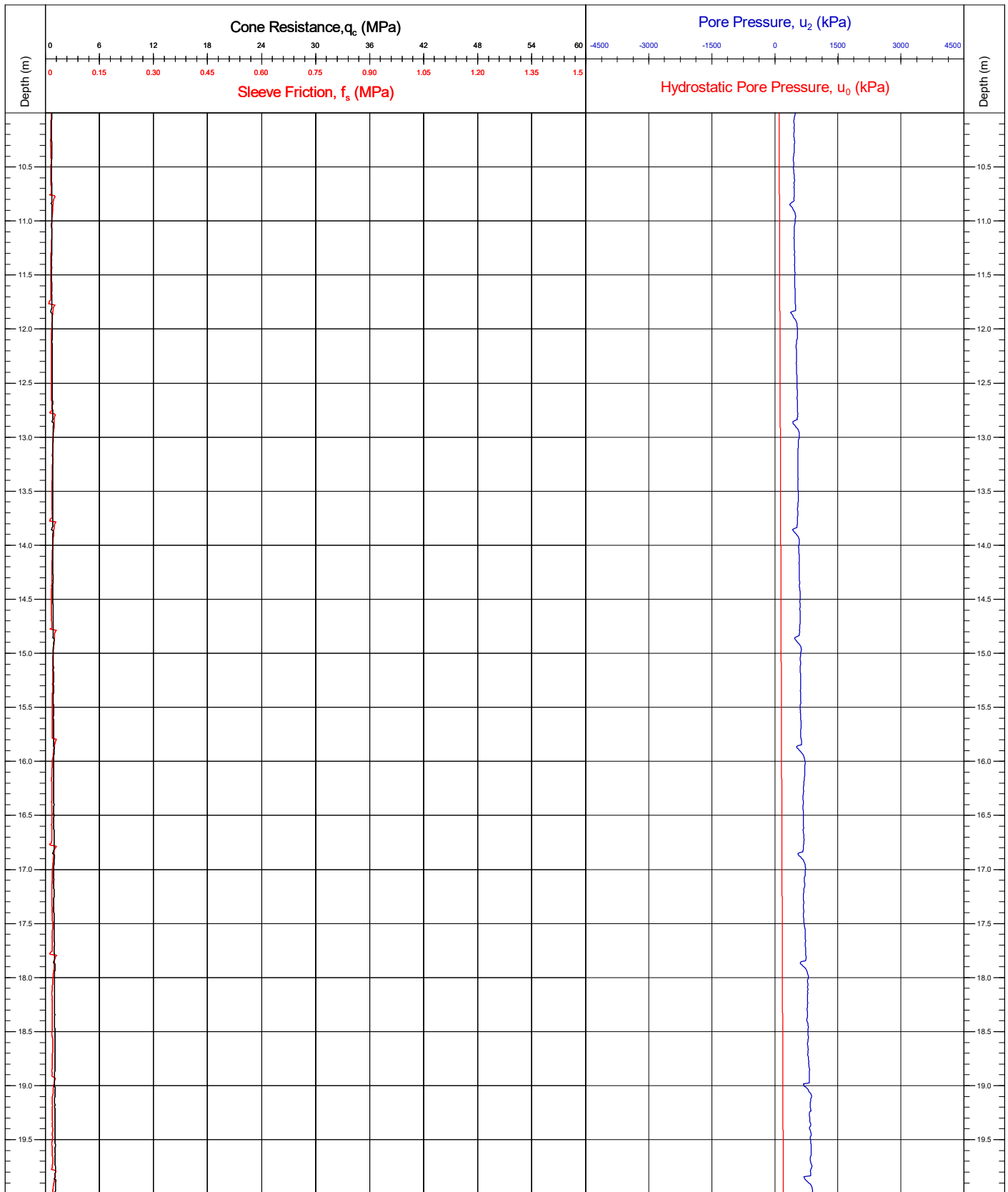


Area	Kattegat Sea	Coordinates	681923.40E 6249306.60N	CPT Number SCPT1a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.71	Page: 1/4		
Vessel	MV Ocean Vantage	Date of Test	05/05/2021	QC Status		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

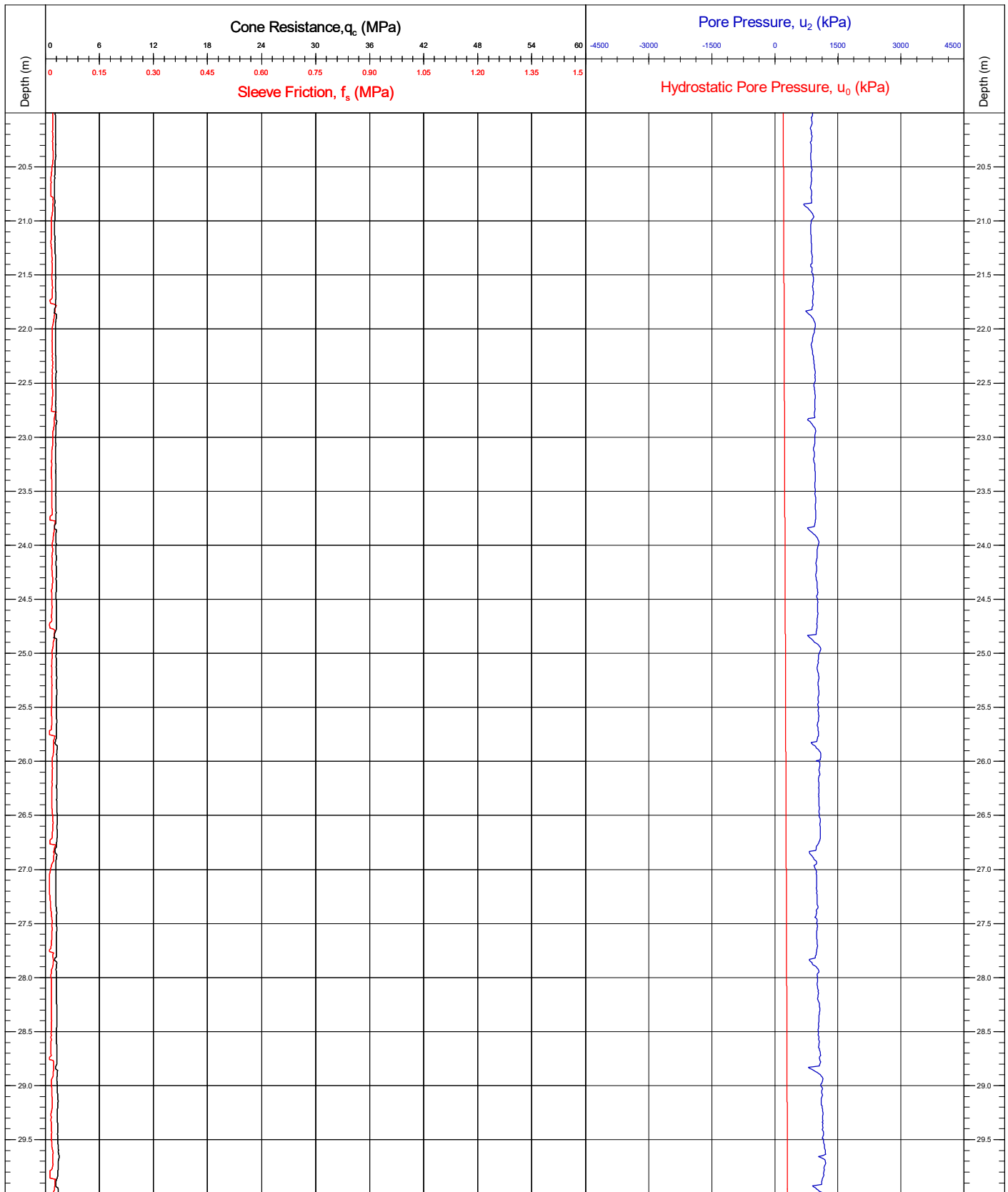


Area	Kattegat Sea	Coordinates	681923.40E 6249306.60N	CPT Number SCPT1a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.71	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test	05/05/2021	QC Status		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

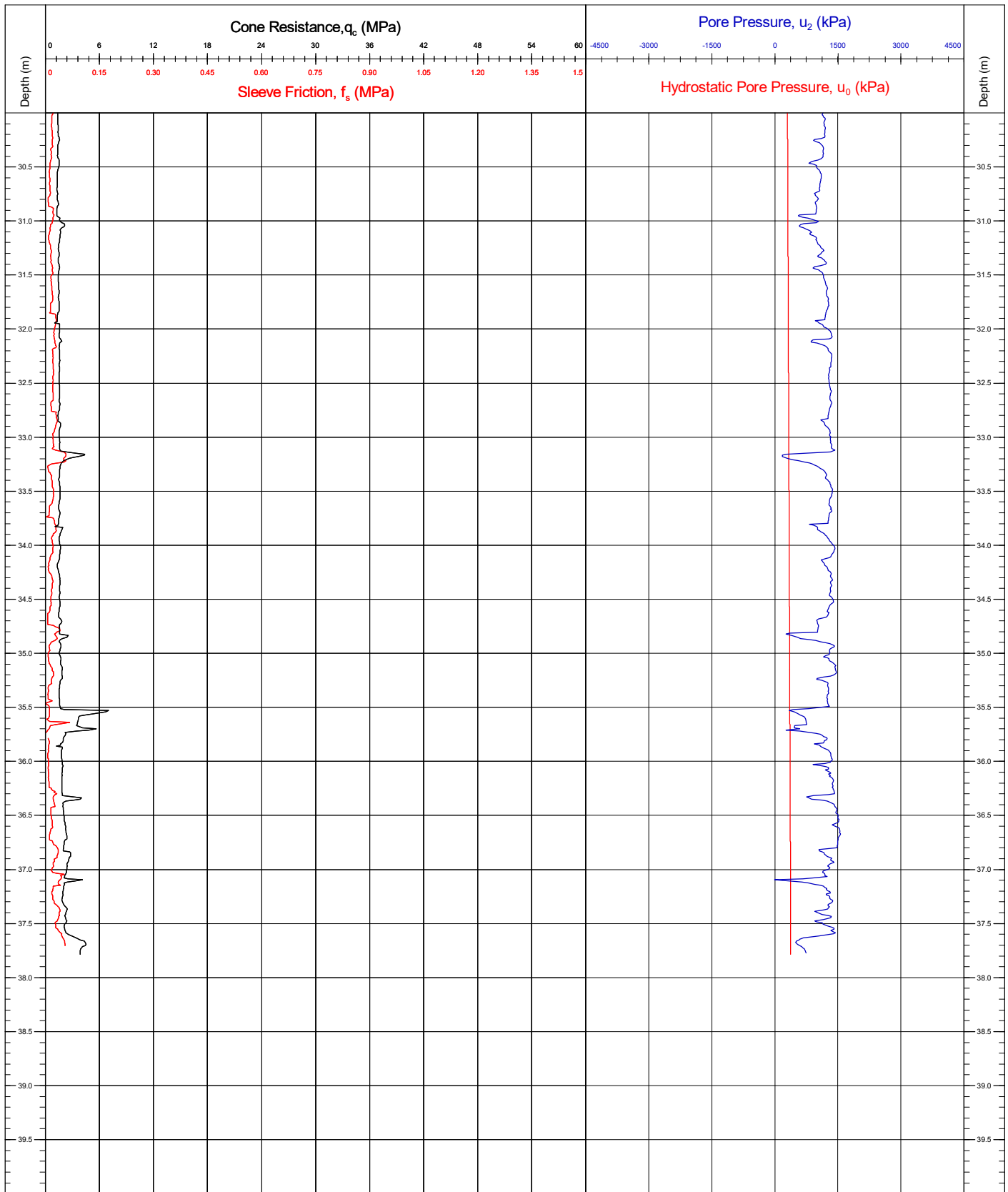


Area	Kattegat Sea	Coordinates	681923.40E	6249306.60N	CPT Number
Contract	11596	Latitude / Longitude			SCPT1a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.71		Page: 3/4
Vessel	MV Ocean Vantage	Date of Test	05/05/2021		QC Status
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(06/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

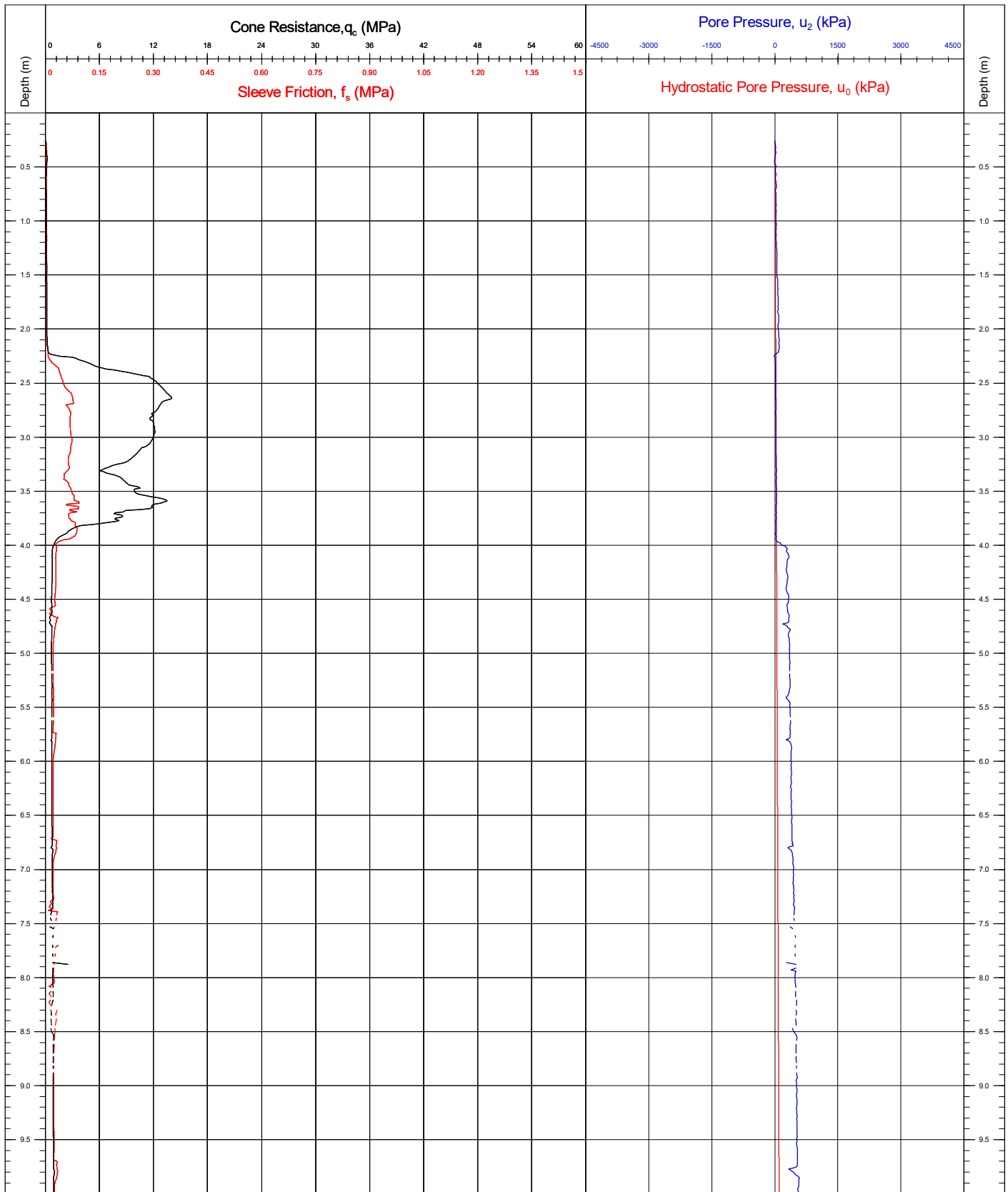


Area	Kattegat Sea	Coordinates	681923.40E	6249306.60N	CPT Number		
Contract	11596	Latitude / Longitude			SCPT1a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.71		Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test	05/05/2021		QC Status		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77				
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

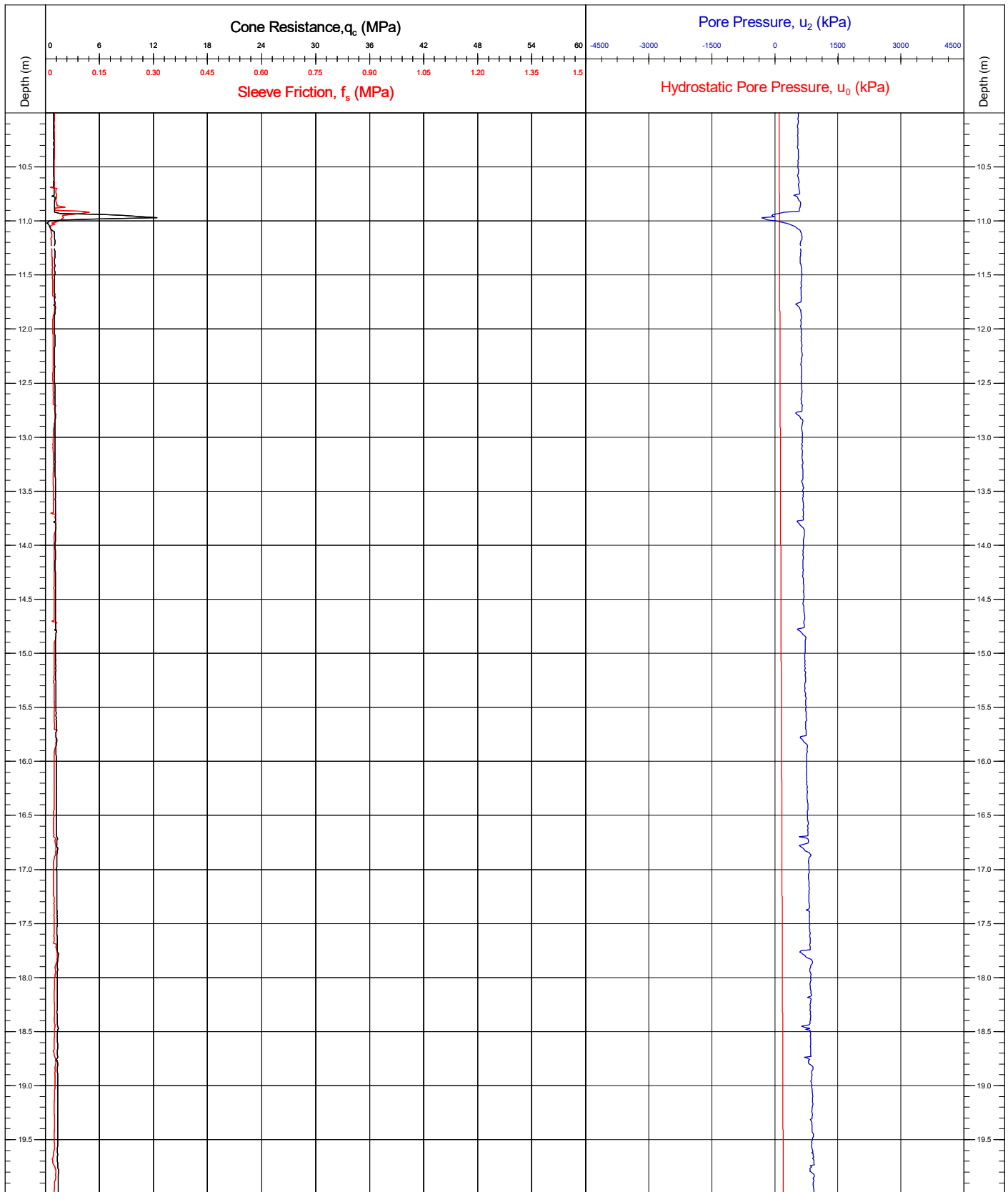


Area	Kattegat Sea	Coordinates	673302.00E 6252306.80N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT2		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.80			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	04/05/2021 to 05/05/2021	Page: 1/3		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 28.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.				QC Status		
				Preliminary	Draft	Final
CRS		ETRS89	X = 1.2° / Y = 0.7°	JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

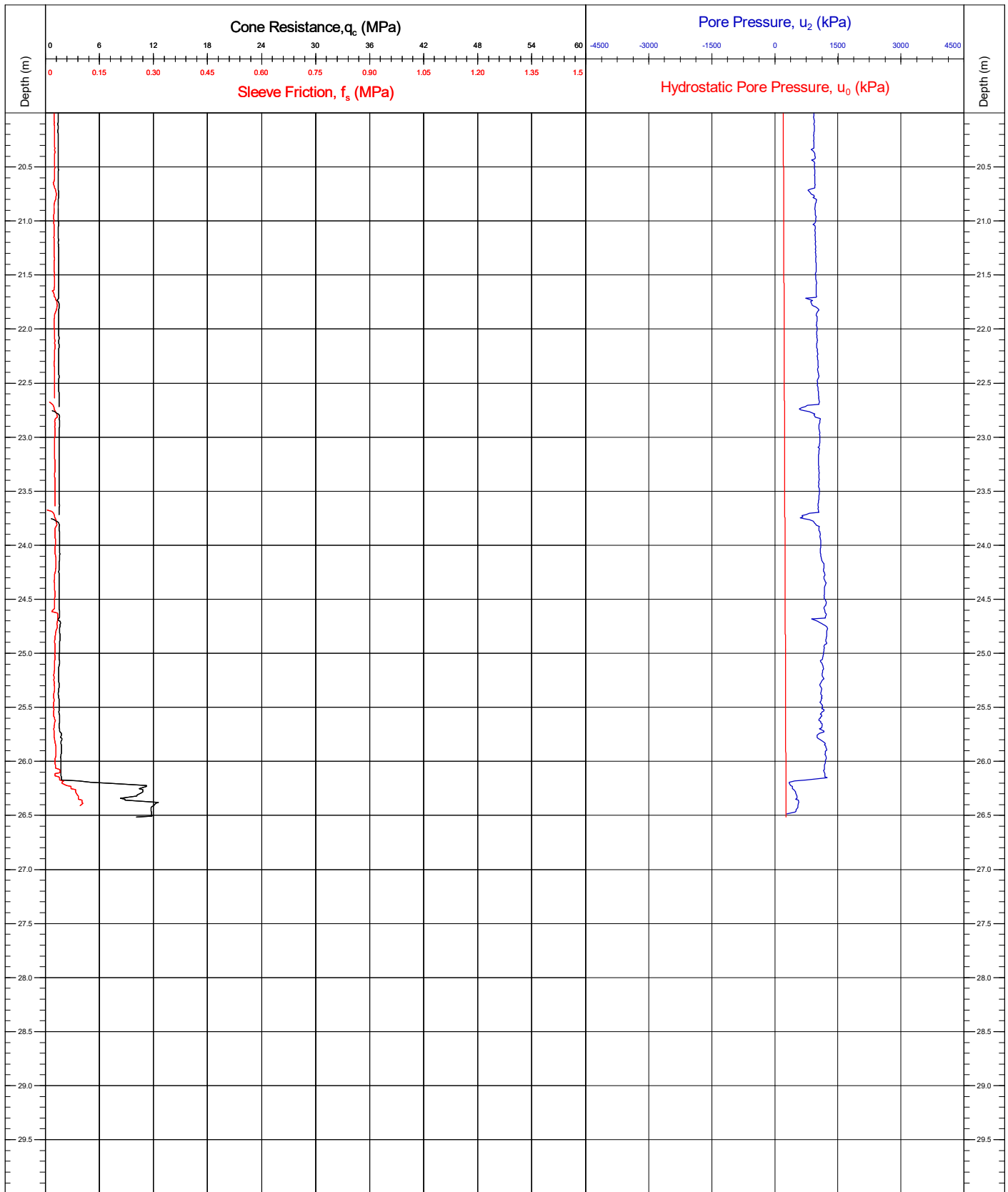


Area	Kattegat Sea	Coordinates	673302.00E 6252306.80N	CPT Number SCPT2		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.80	Page: 2/3		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	04/05/2021 to 05/05/2021	QC Status		
<small>Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 28.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.</small>		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final		
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR	SMc
		CRS	ETRS89	(04/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

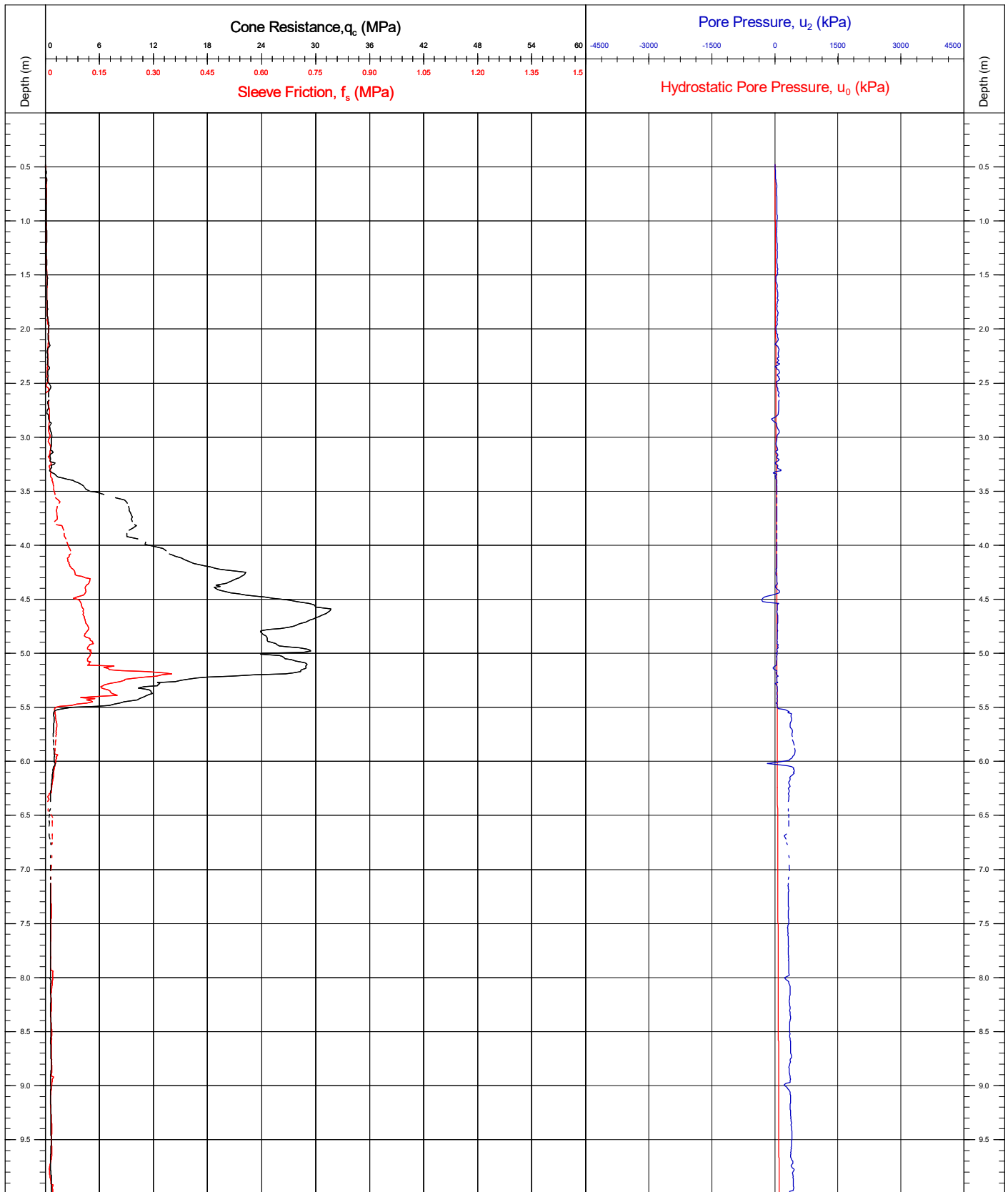


Area	Kattegat Sea	Coordinates	673302.00E 6252306.80N	CPT Number SCPT2		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.80	Page: 3/3		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	04/05/2021 to 05/05/2021	QC Status		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 28.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.</small>		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final		
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR	SMc
		CRS	ETRS89	(04/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

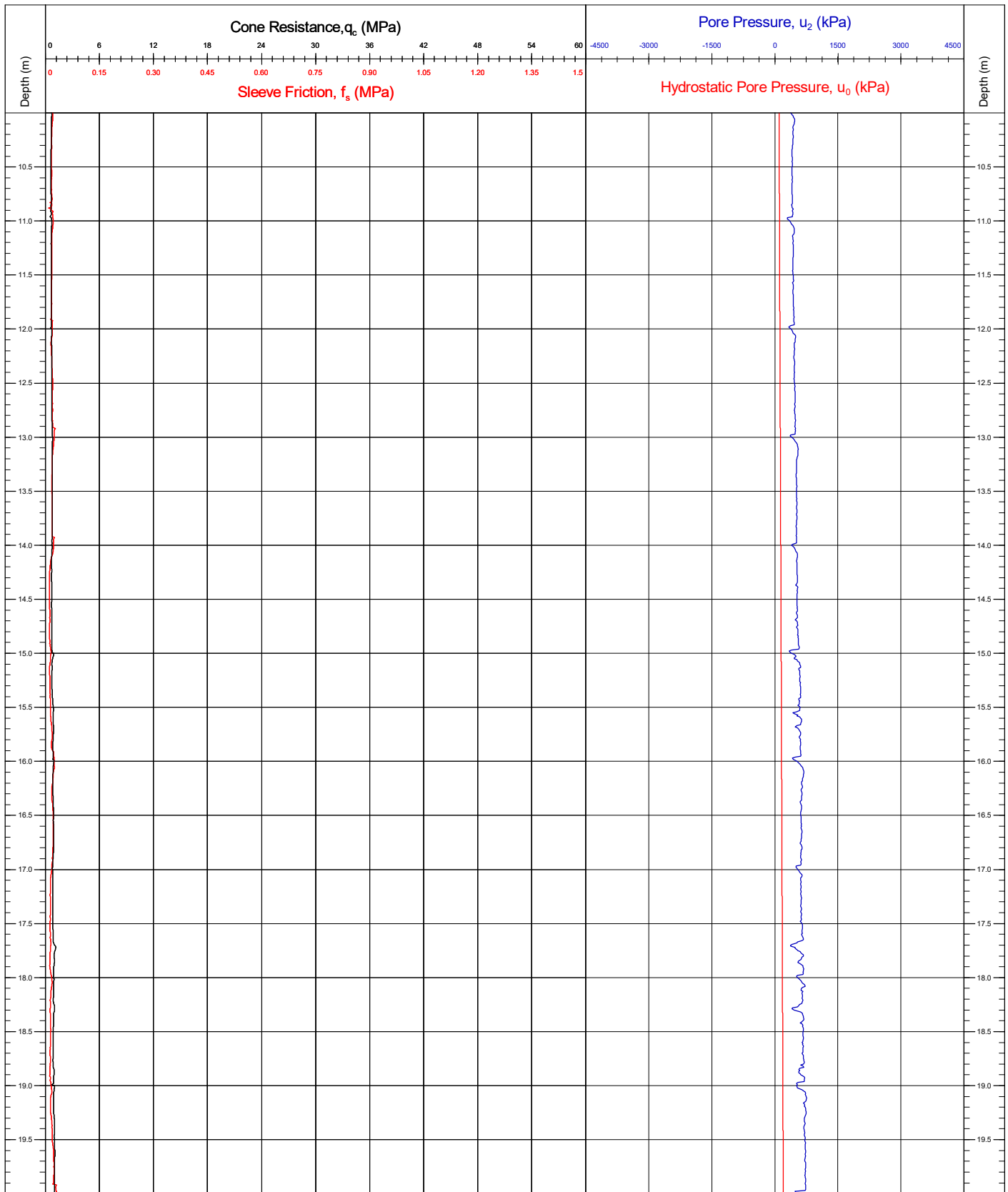


Area	Kattegat Sea	Coordinates	665881.40E 6256363.10N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT5	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.69	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	06/05/2021 to 07/05/2021	QC Status	
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 23.74m. Test terminated at operators discretion due to increasing total load and a lack of lateral rod support from mudline		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76		
		Base Inclination	X = 1.1° / Y = 0.9°	Preliminary	Draft
		CRS	ETRS89	JK/BC (07/05/2021)	DR (10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

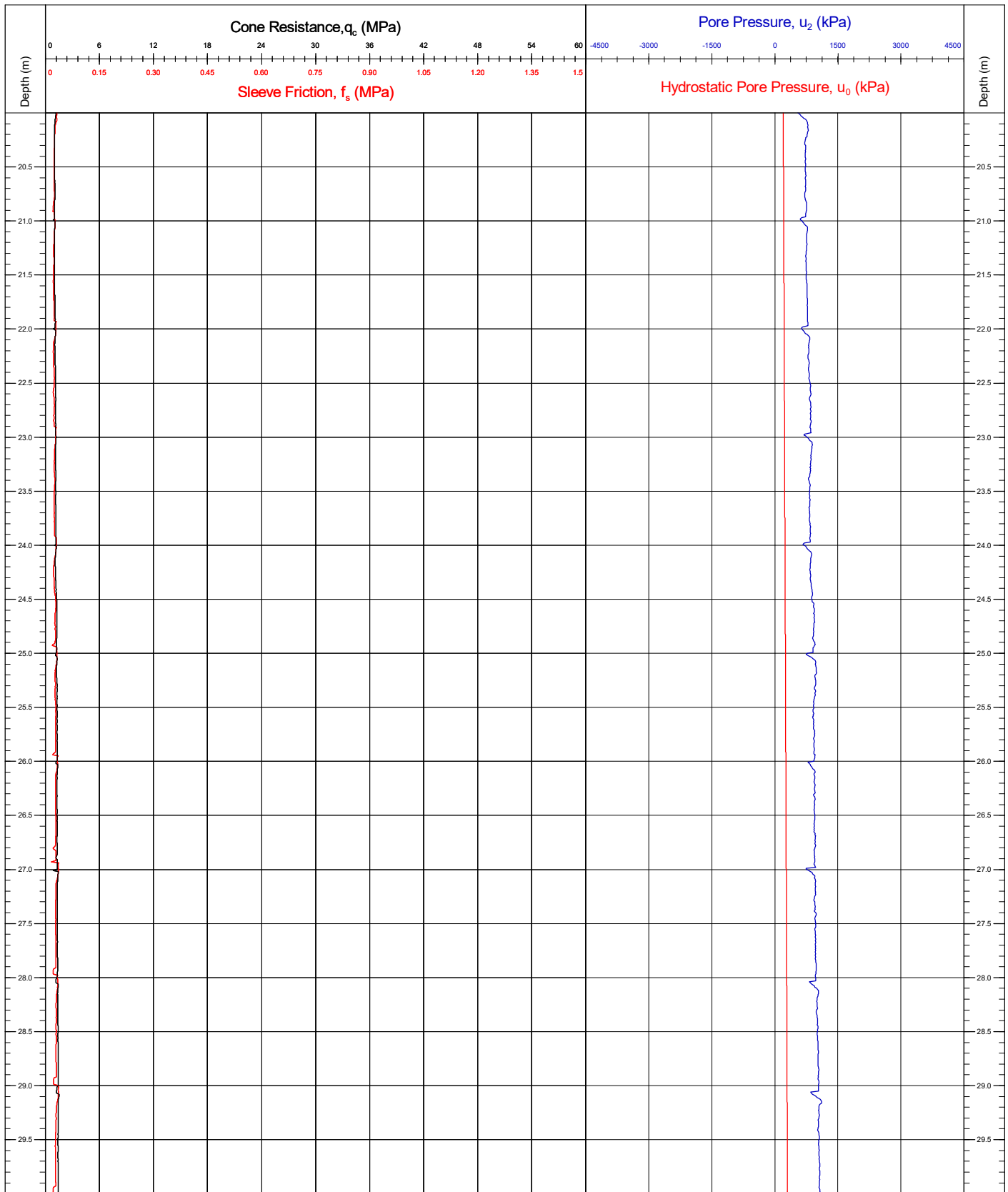


Area	Kattegat Sea	Coordinates	665881.40E 6256363.10N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT5		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.69			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	06/05/2021 to 07/05/2021	Page: 2/4		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 23.74m. Test terminated at operators discretion due to increasing total load and a lack of lateral rod support from mudline		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 1.1° / Y = 0.9°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

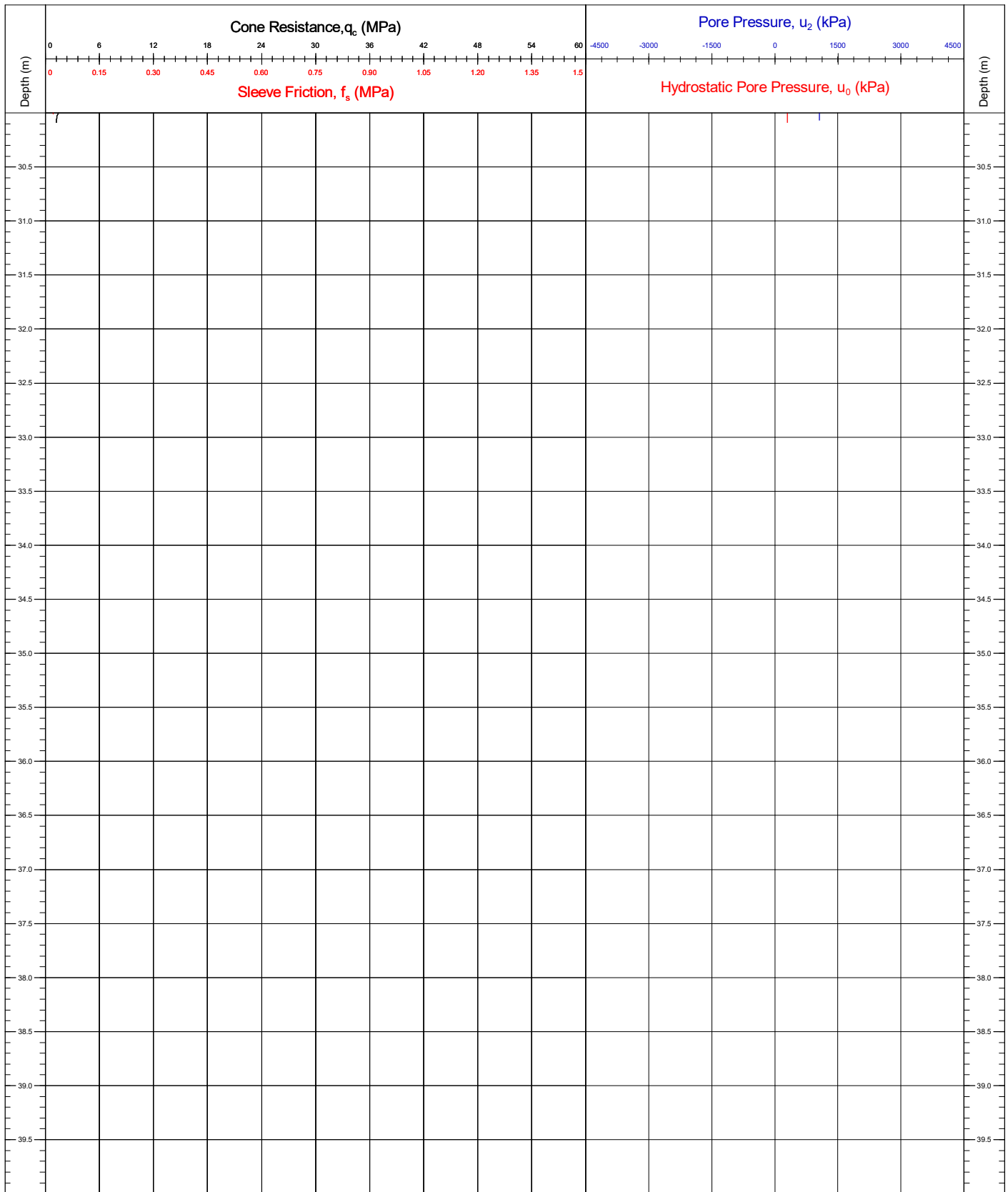


Area	Kattegat Sea	Coordinates	665881.40E 6256363.10N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT5		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.69			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	06/05/2021 to 07/05/2021	Page: 3/4		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due to increasing total load and a lack of lateral rod support from mudline		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 1.1° / Y = 0.9°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

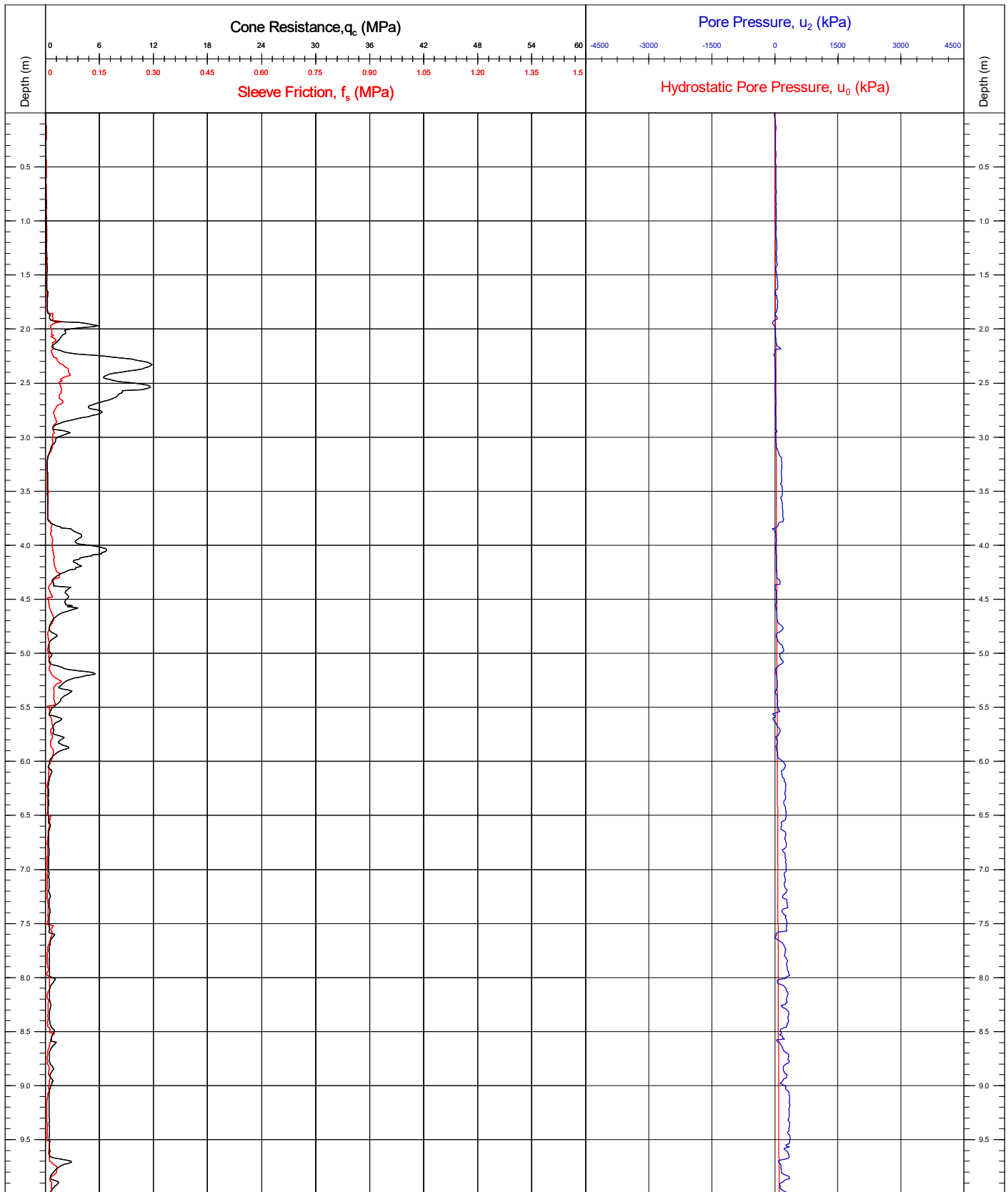


Area	Kattegat Sea	Coordinates	665881.40E 6256363.10N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT5		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.69	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	06/05/2021 to 07/05/2021	QC Status		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due to increasing total load and a lack of lateral rod support from mudline		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final		
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC	DR	SMc
		CRS ETRS89		(07/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

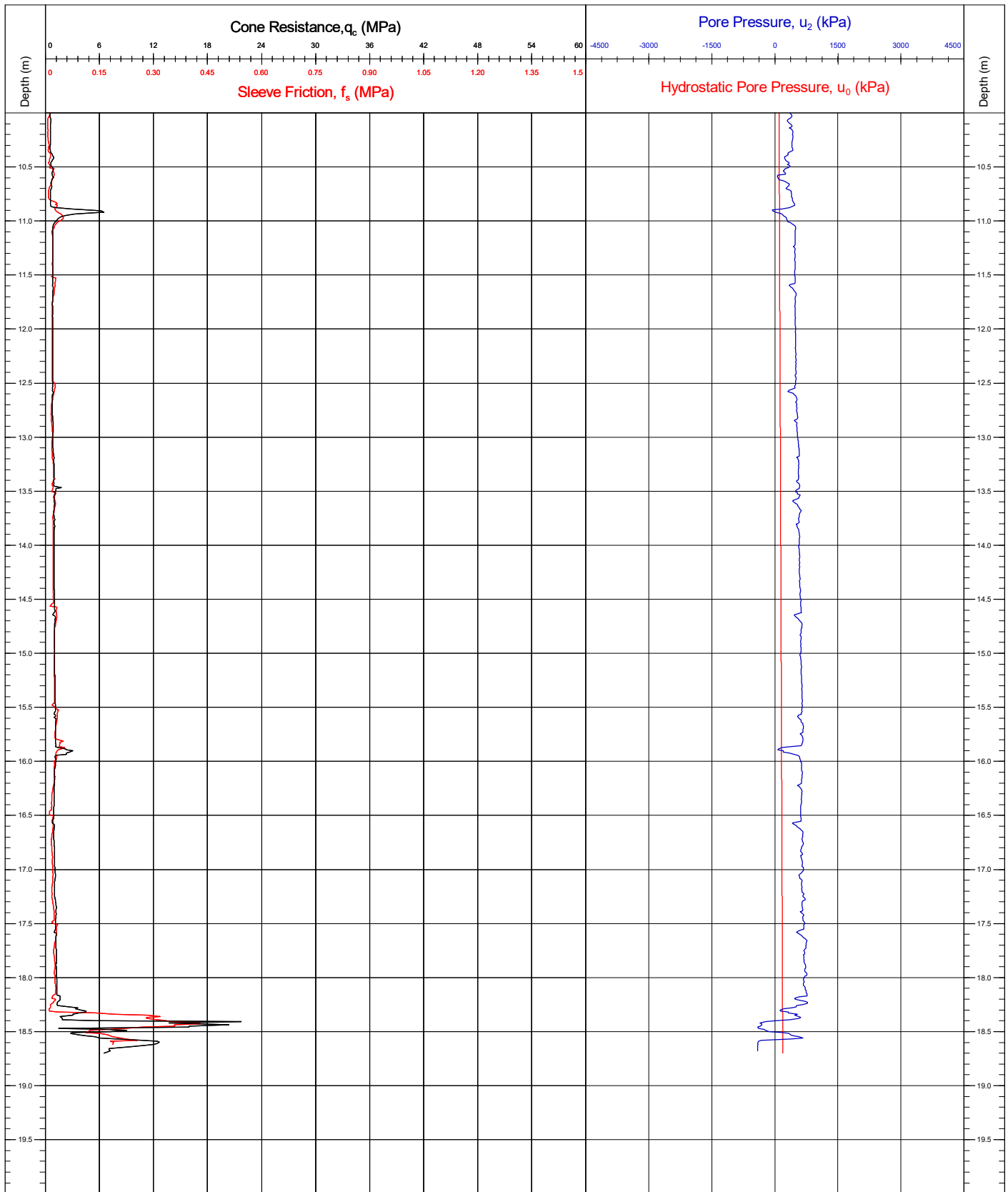


Area	Kattegat Sea	Coordinates	675126.20E 6262391.10N	CPT Number SCPT17
Contract	11596	Latitude / Longitude		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.81	
Vessel	MV Ocean Vantage	Date of Test	07/05/2021	Page: 1/2
<small>Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre</small>		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	QC Status
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary Draft Final
		CRS	ETRS89	JK/BC (07/05/2021) DR (10/06/2021) SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

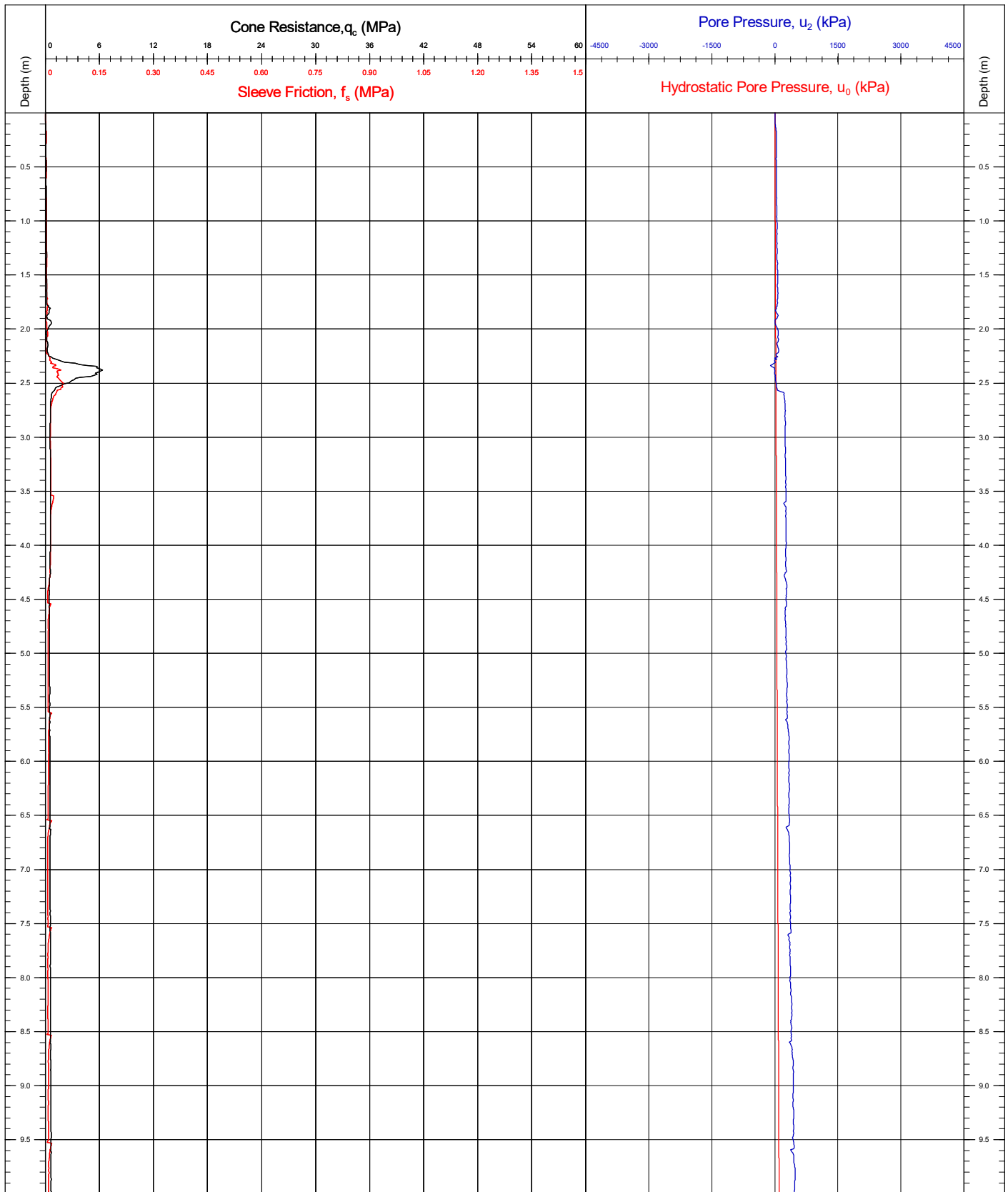


Area	Kattegat Sea	Coordinates	675126.20E	6262391.10N	CPT Number
Contract	11596	Latitude / Longitude			SCPT17
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.81		Page: 2/2
Vessel	MV Ocean Vantage	Date of Test	07/05/2021		QC Status
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre					
		Cone No.(size)/α Factor	081208 (10cm ²) / 0.78		
		Base Inclination	X = 1.1° / Y = 1.0°		
		CRS	ETRS89		
			Preliminary	Draft	Final
			JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

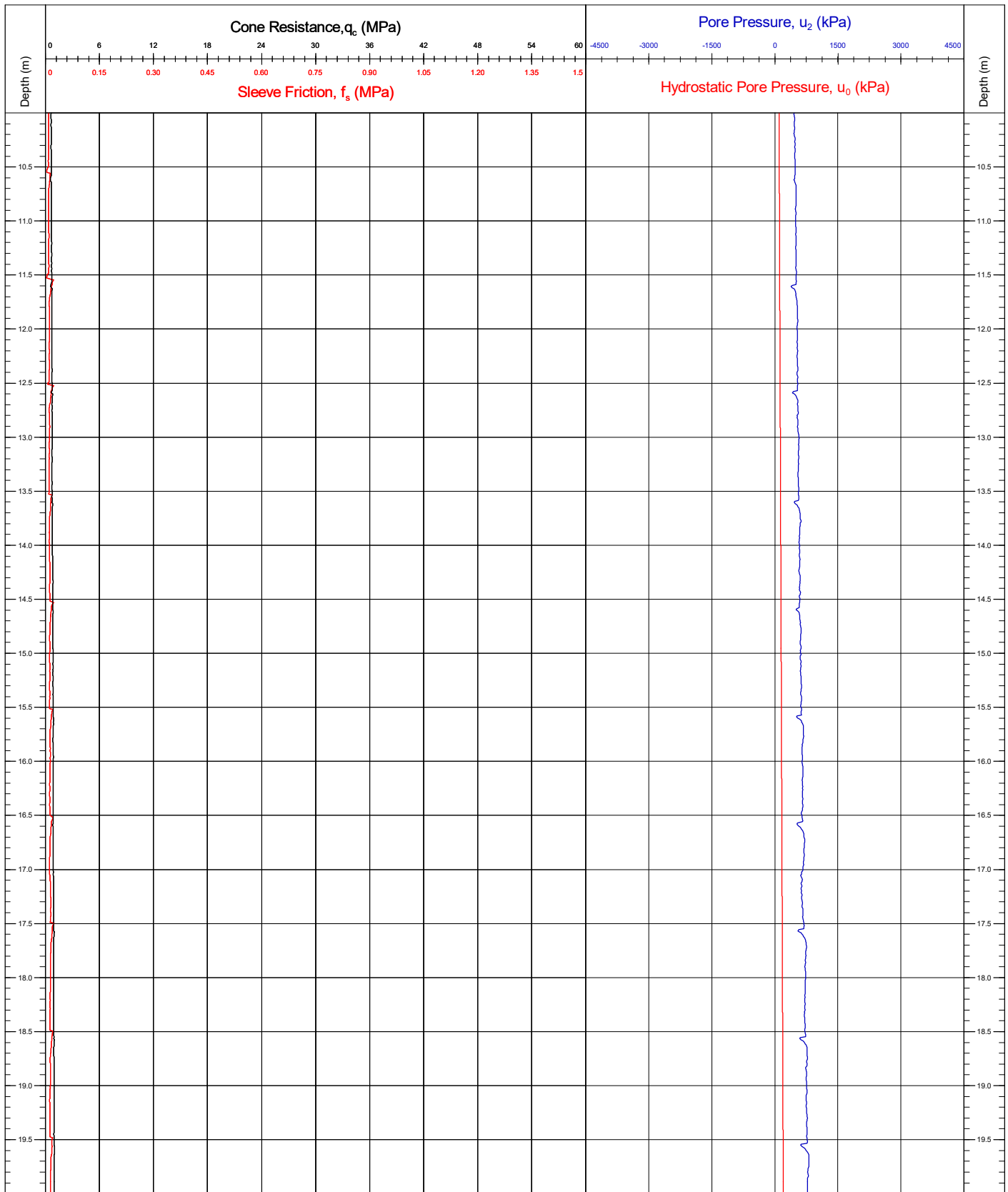


Area	Kattegat Sea	Coordinates	670633.30E 6266454.10N	CPT Number SCPT19		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.84	Page: 1/3		
Vessel	MV Ocean Vantage	Date of Test	07/05/2021	QC Status		
<small>Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached</small>		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary		
		Base Inclination	X = 1.1° / Y = 0.9°	Draft		
		CRS	ETRS89	Final		
				JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

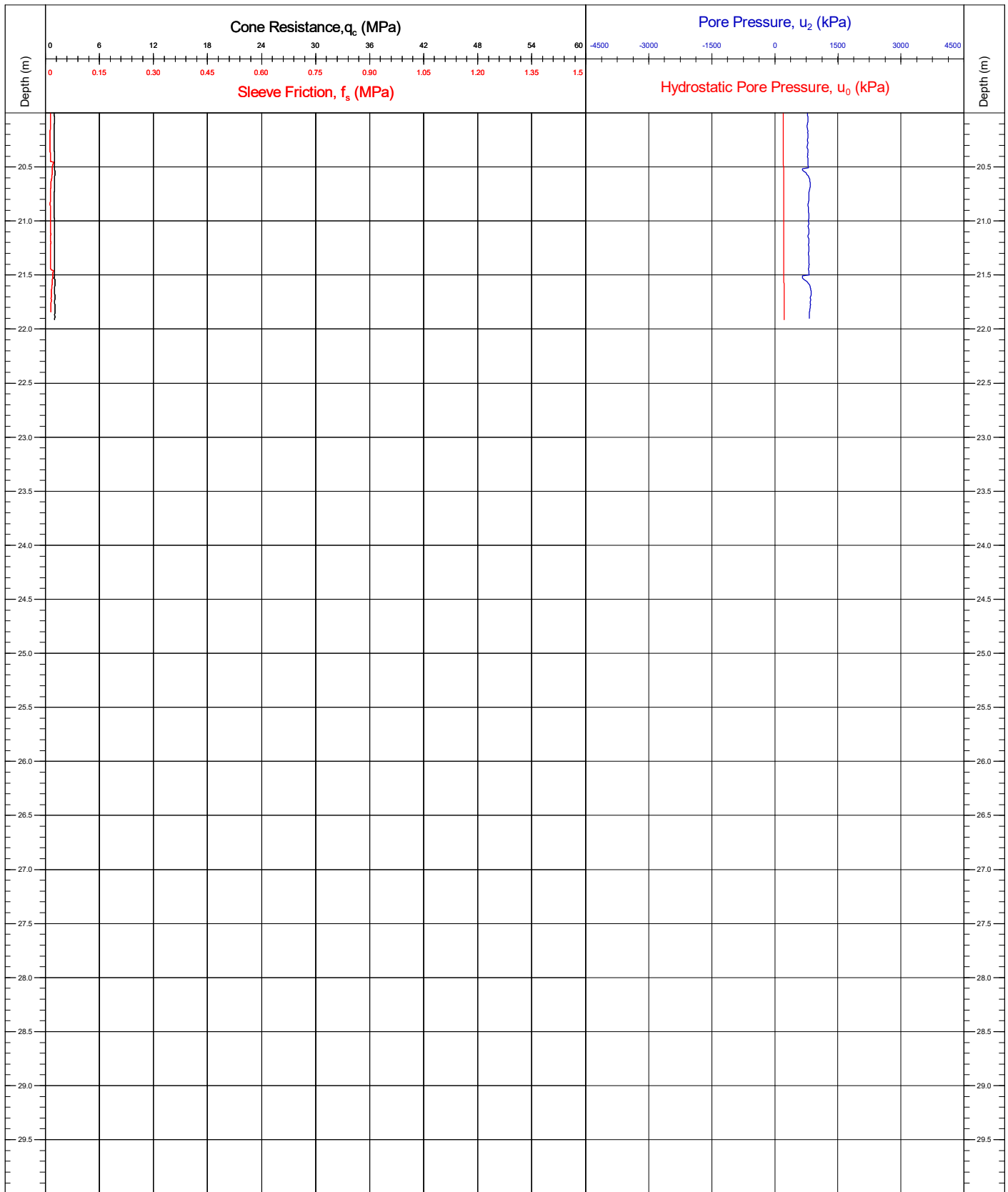


Area	Kattegat Sea	Coordinates	670633.30E 6266454.10N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT19	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.84	Page: 2/3	
Vessel	MV Ocean Vantage	Date of Test	07/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(07/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

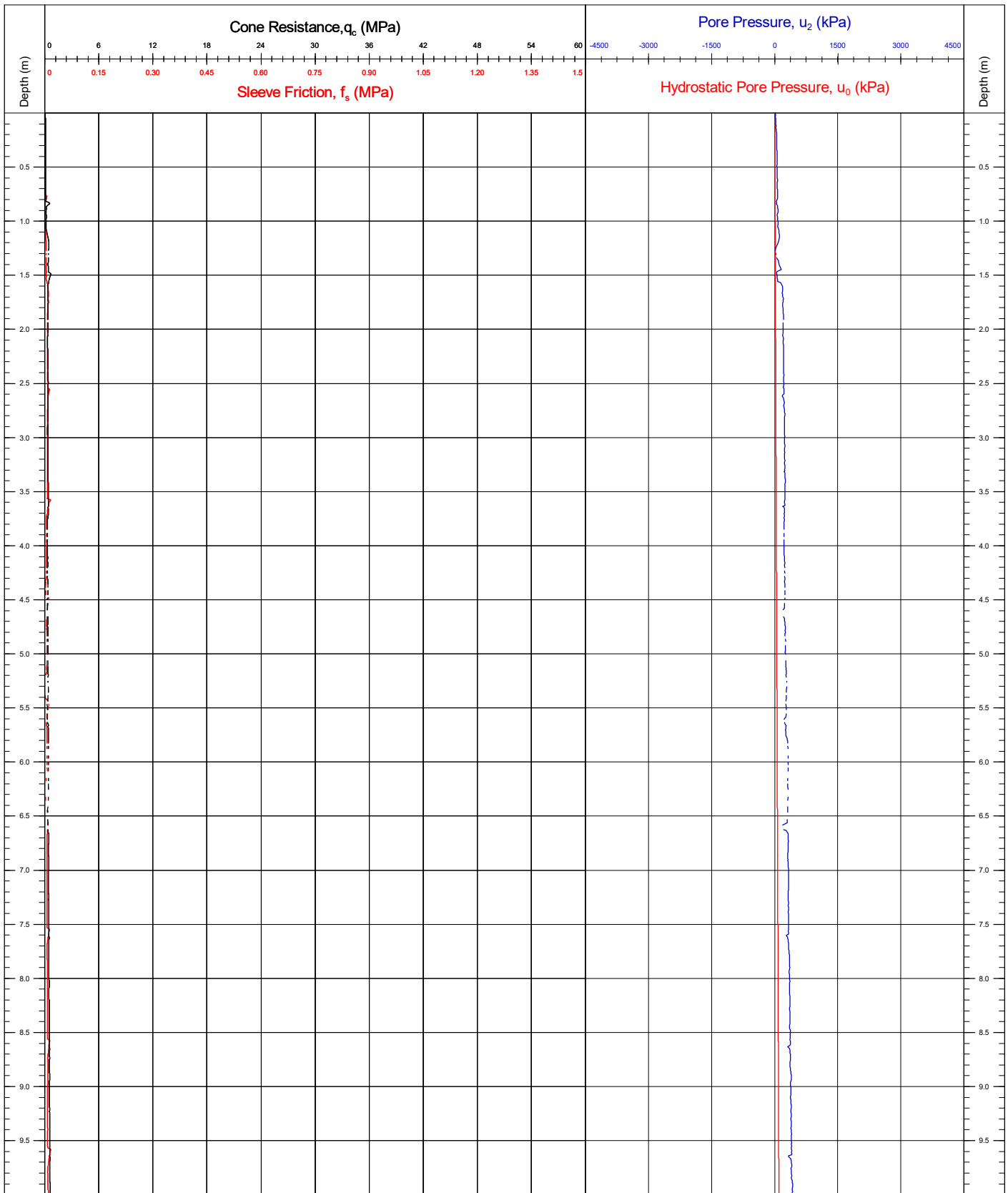


Area	Kattegat Sea	Coordinates	670633.30E 6266454.10N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT19		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.84	Page: 3/3		
Vessel	MV Ocean Vantage	Date of Test	07/05/2021	QC Status		
<small>Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached</small>				Cone No.(size)/ α Factor		130909 (10cm ²) / 0.82
				Base Inclination		X = 1.1° / Y = 0.9°
CRS ETRS89				JK/BC <small>(07/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

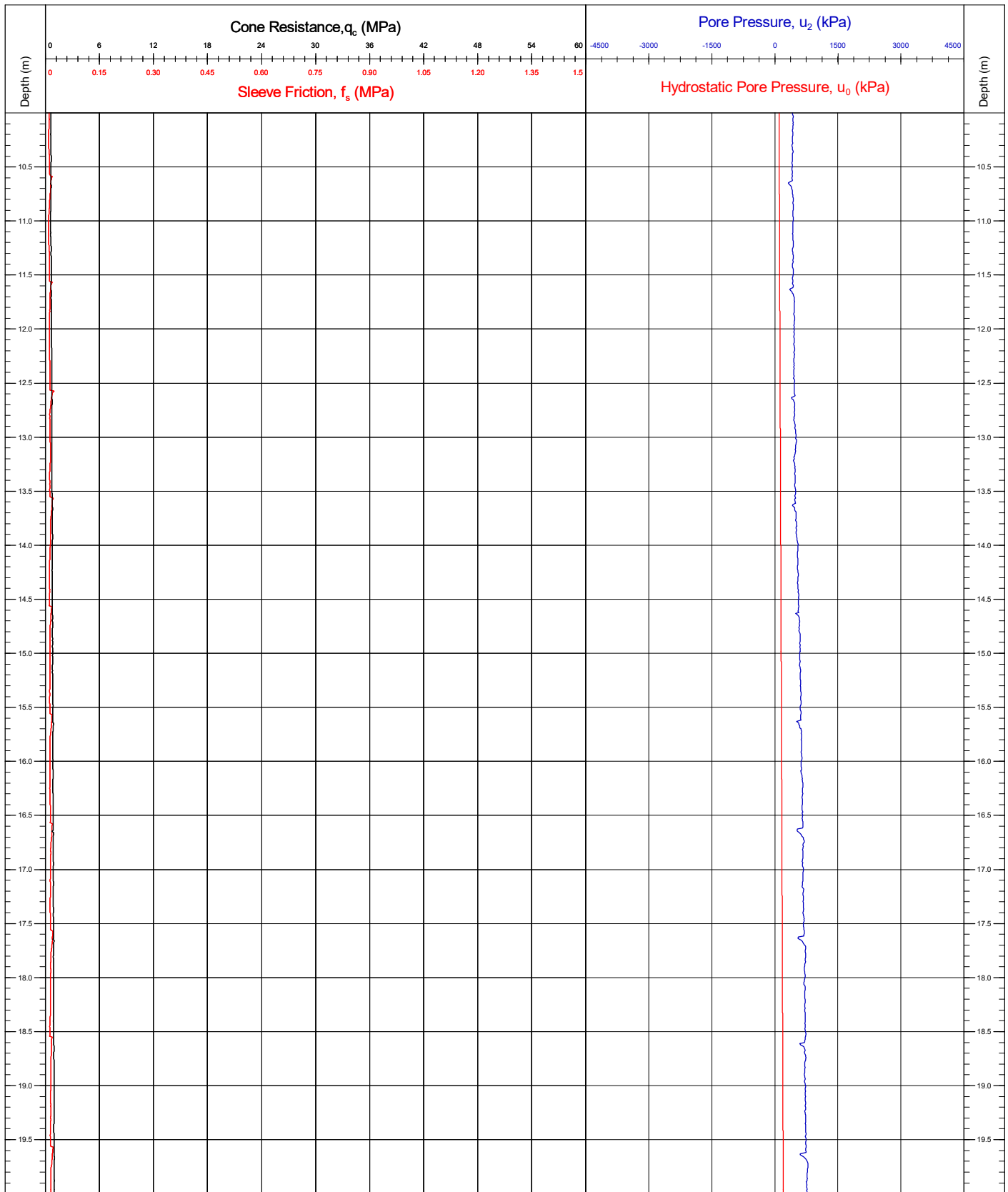


Area	Kattegat Sea	Coordinates	677715.30E 6266260.70N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT21	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.48	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/05/2021 to 04/05/2021	QC Status	
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC (04/05/2021)	DR (10/06/2021)
		CRS	ETRS89	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

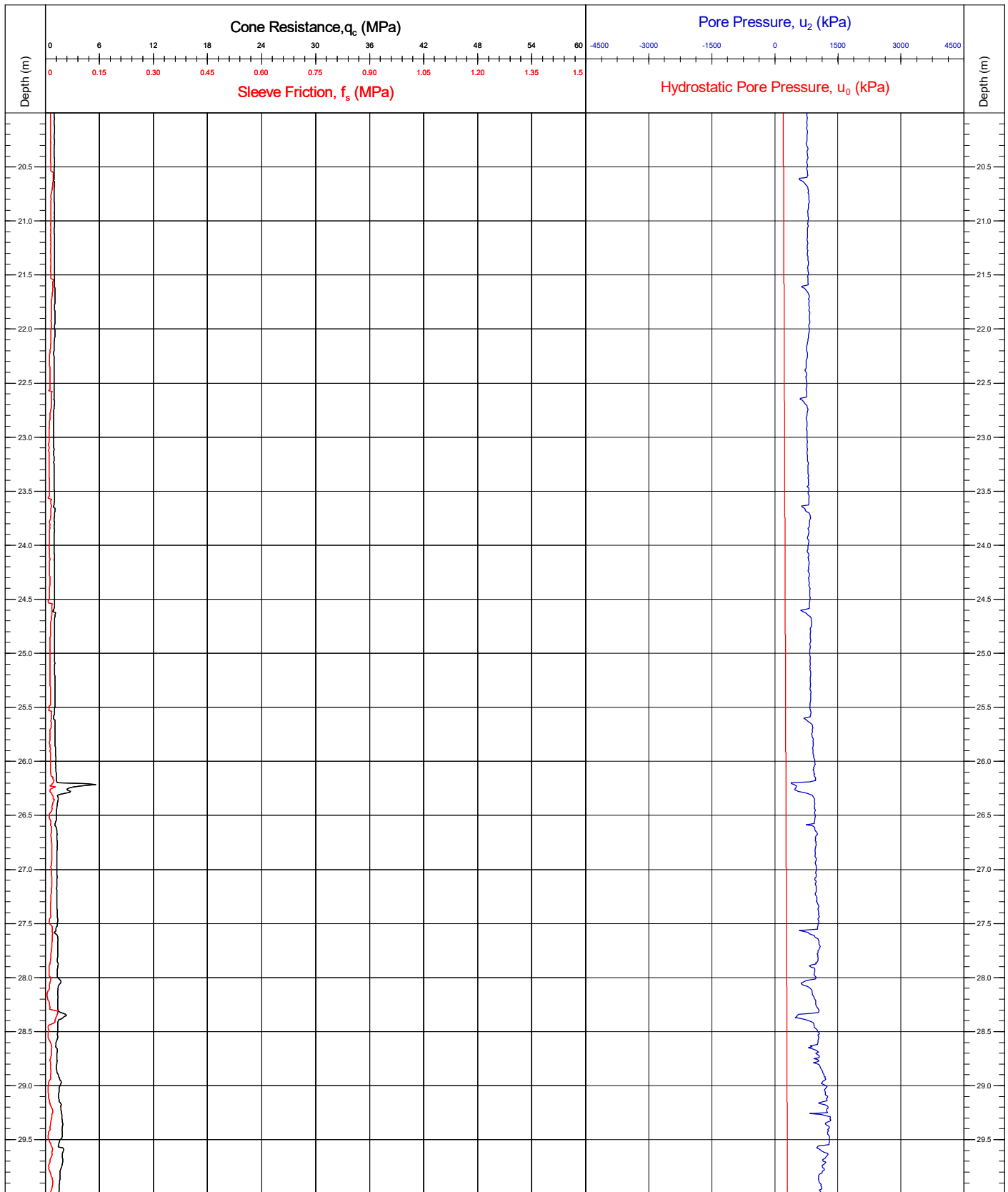


Area	Kattegat Sea	Coordinates	677715.30E 6266260.70N	CPT Number SCPT21		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.48	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/05/2021 to 04/05/2021	QC Status		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

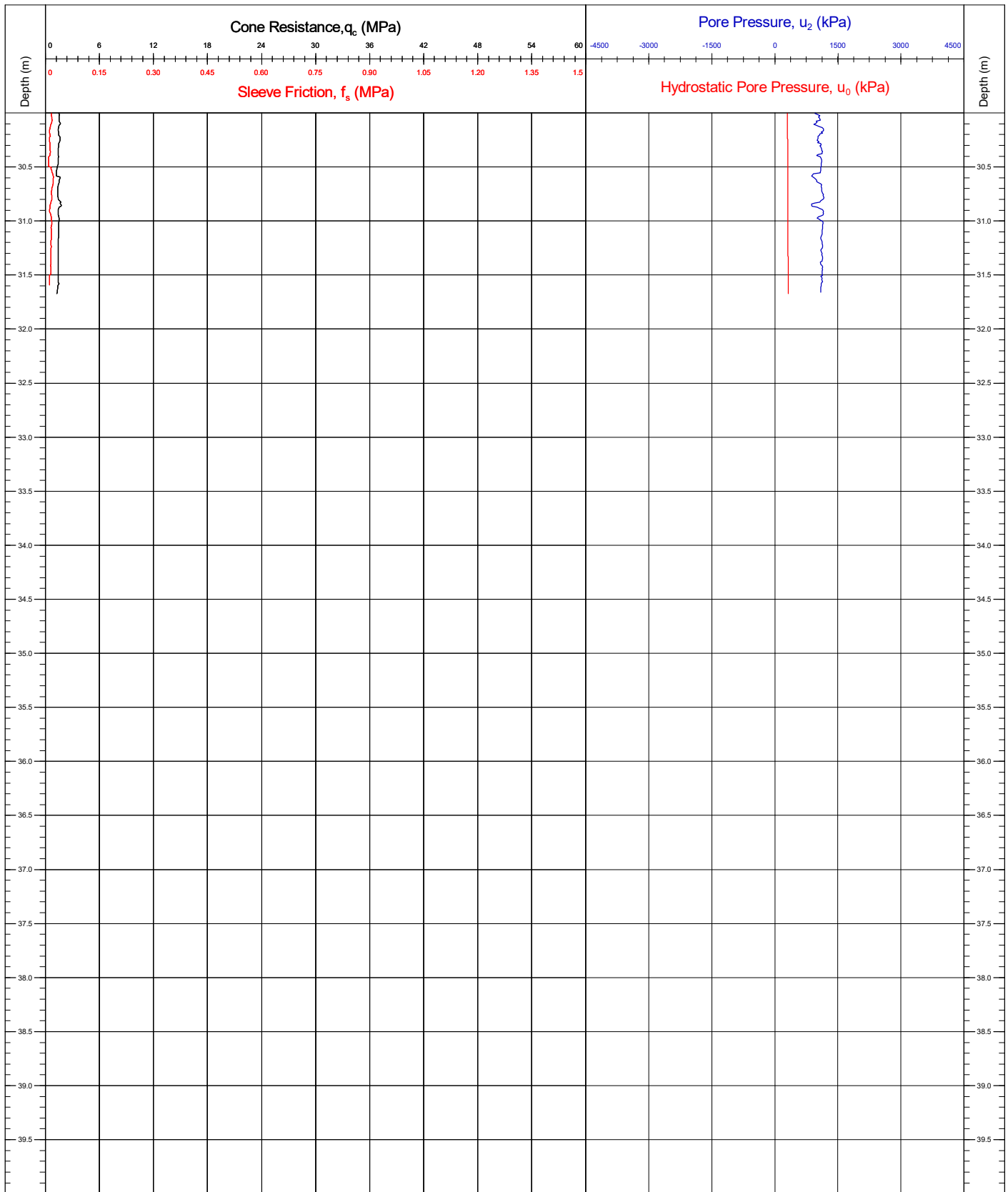


Area	Kattegat Sea	Coordinates	677715.30E 6266260.70N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT21		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.48	Page: 3/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/05/2021 to 04/05/2021	QC Status		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final		
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR	SMc
		CRS	ETRS89	(04/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

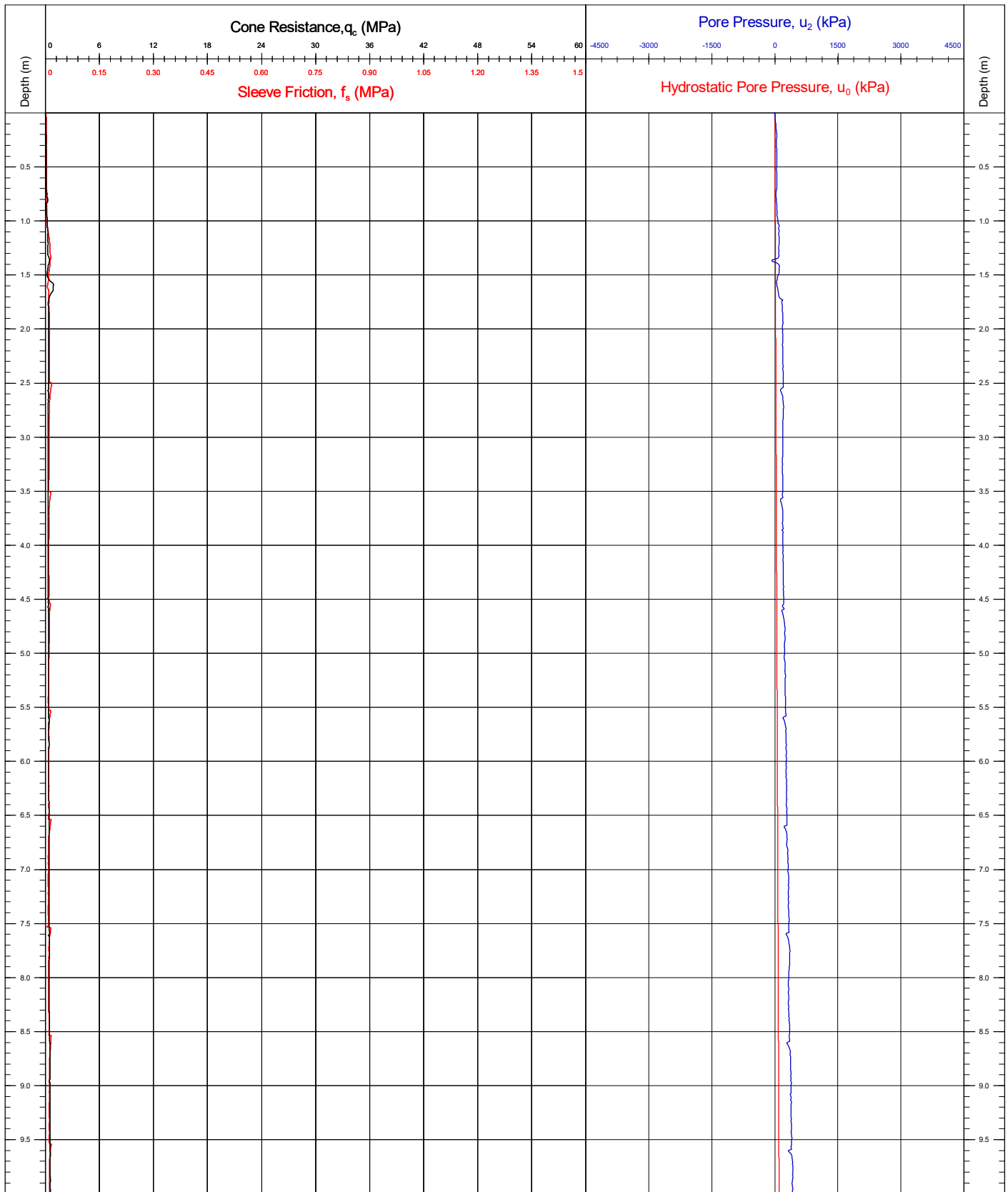


Area	Kattegat Sea	Coordinates	677715.30E 6266260.70N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT21	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.48	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/05/2021 to 04/05/2021	QC Status	
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC DR SMc	
		CRS	ETRS89	(04/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

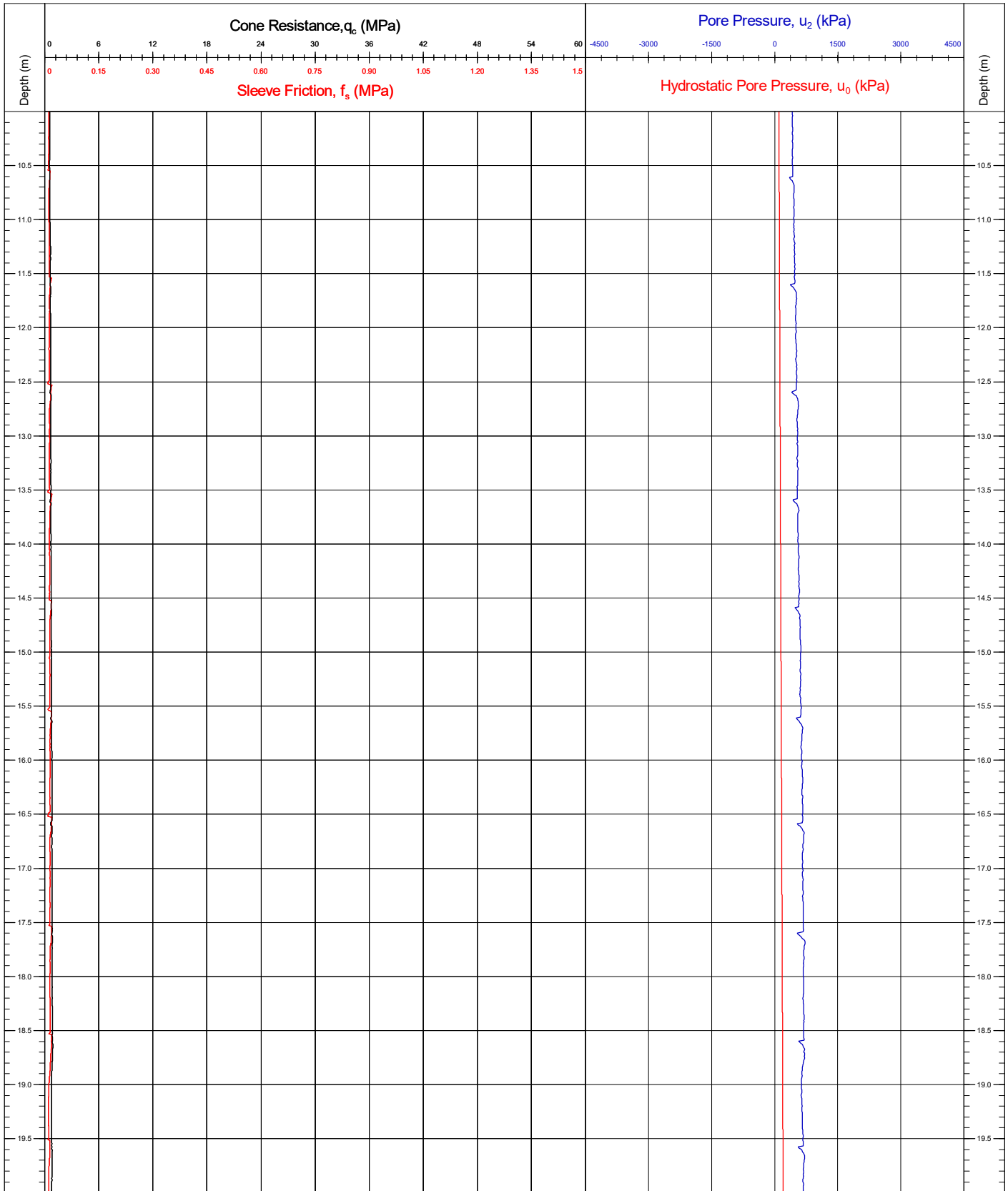


Area	Kattegat Sea	Coordinates	676059.40E 6274402.90N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT24		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.16			
Vessel	MV Ocean Vantage	Date of Test	03/05/2021	Page: 1/4		
<small>Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	QC Status		
		Base Inclination	X = 1.2° / Y = 0.8°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

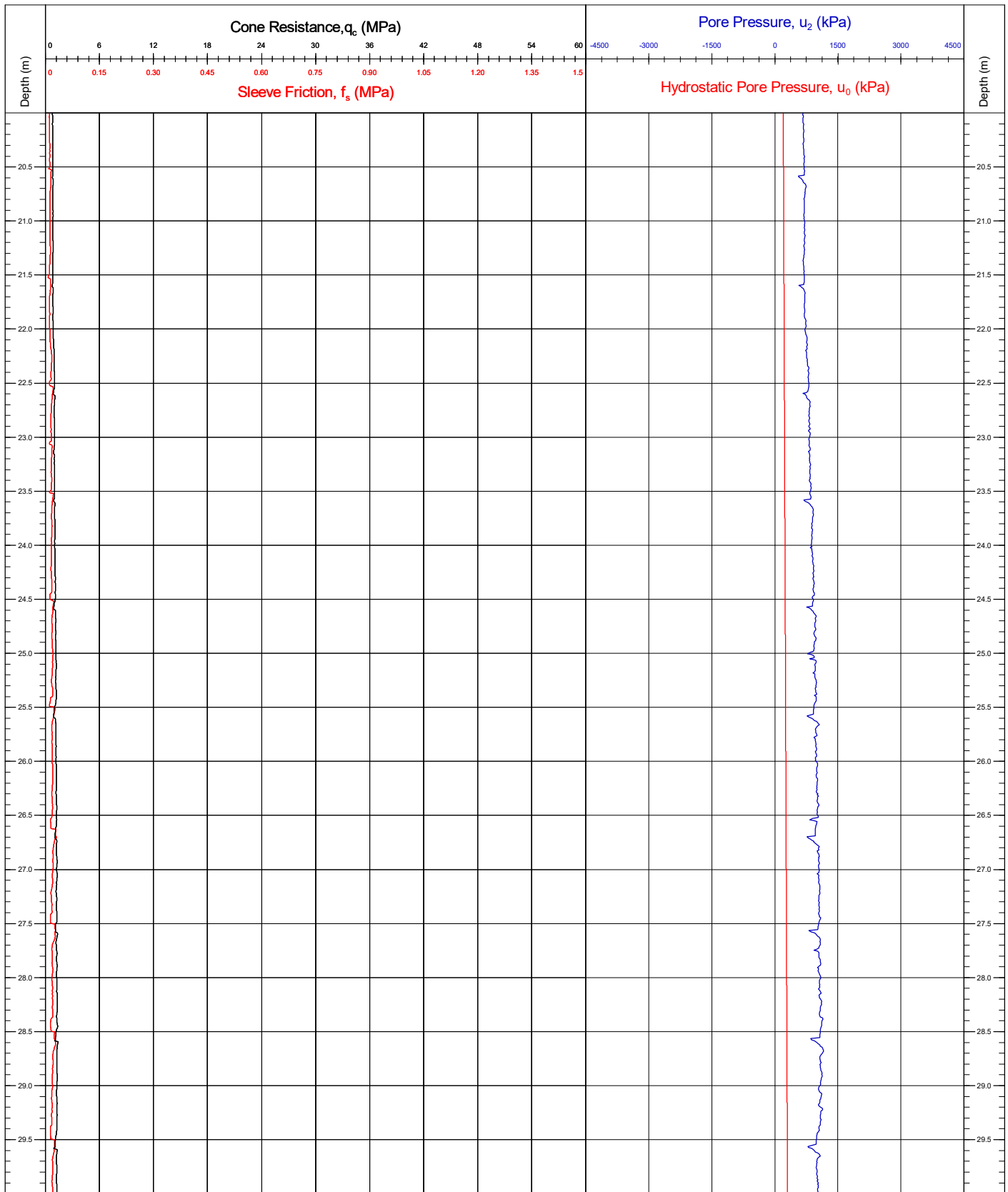


Area	Kattegat Sea	Coordinates	676059.40E 6274402.90N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT24	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.16	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	03/05/2021	QC Status	
Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		
		Base Inclination	X = 1.2° / Y = 0.8°		
		CRS	ETRS89		
		Preliminary	Draft	Final	
		JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS

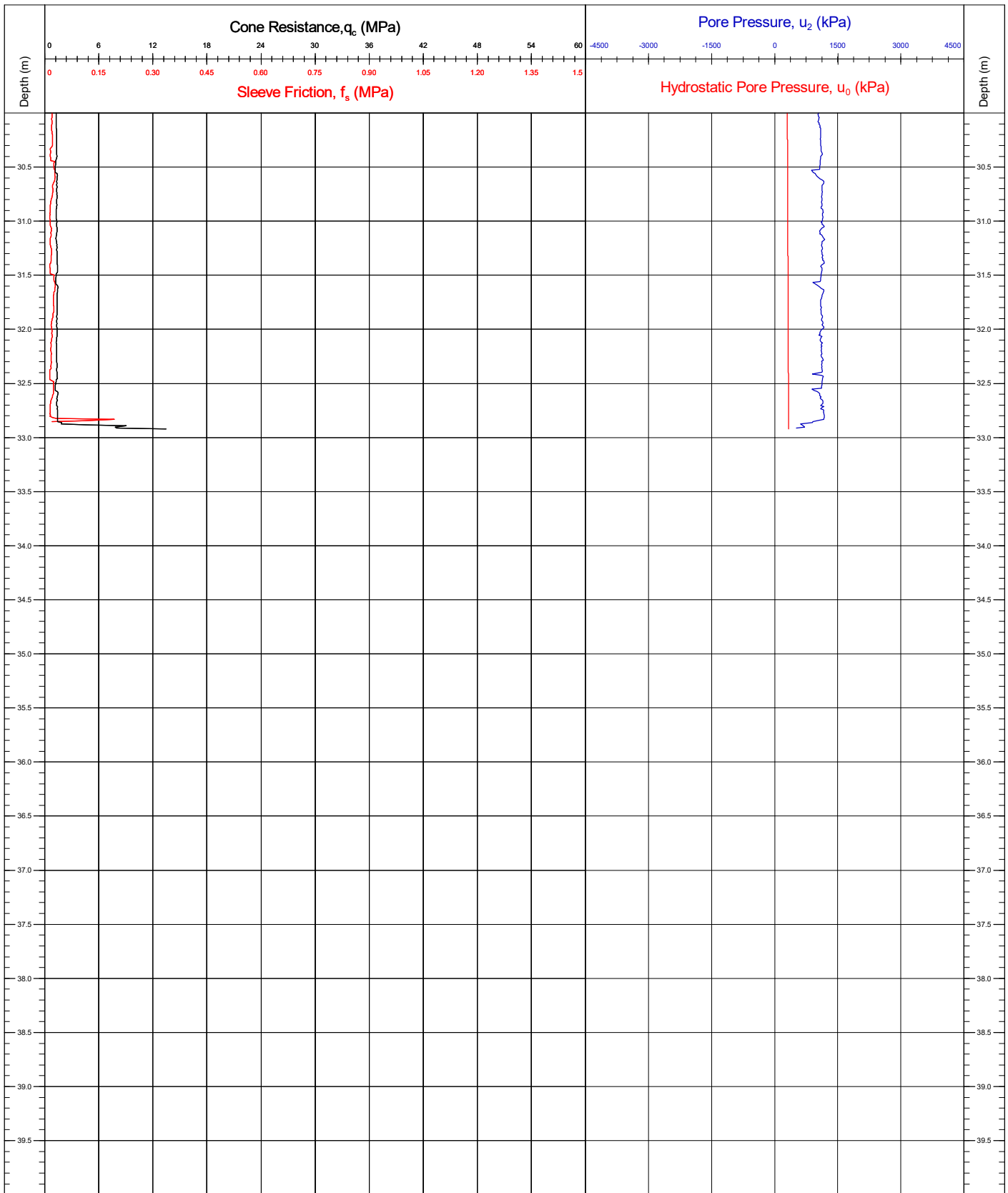


Area	Kattegat Sea	Coordinates	676059.40E 6274402.90N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT24	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.16	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	03/05/2021	QC Status	
Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC	DR
		CRS	ETRS89	(03/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - MEASURED PARAMETERS



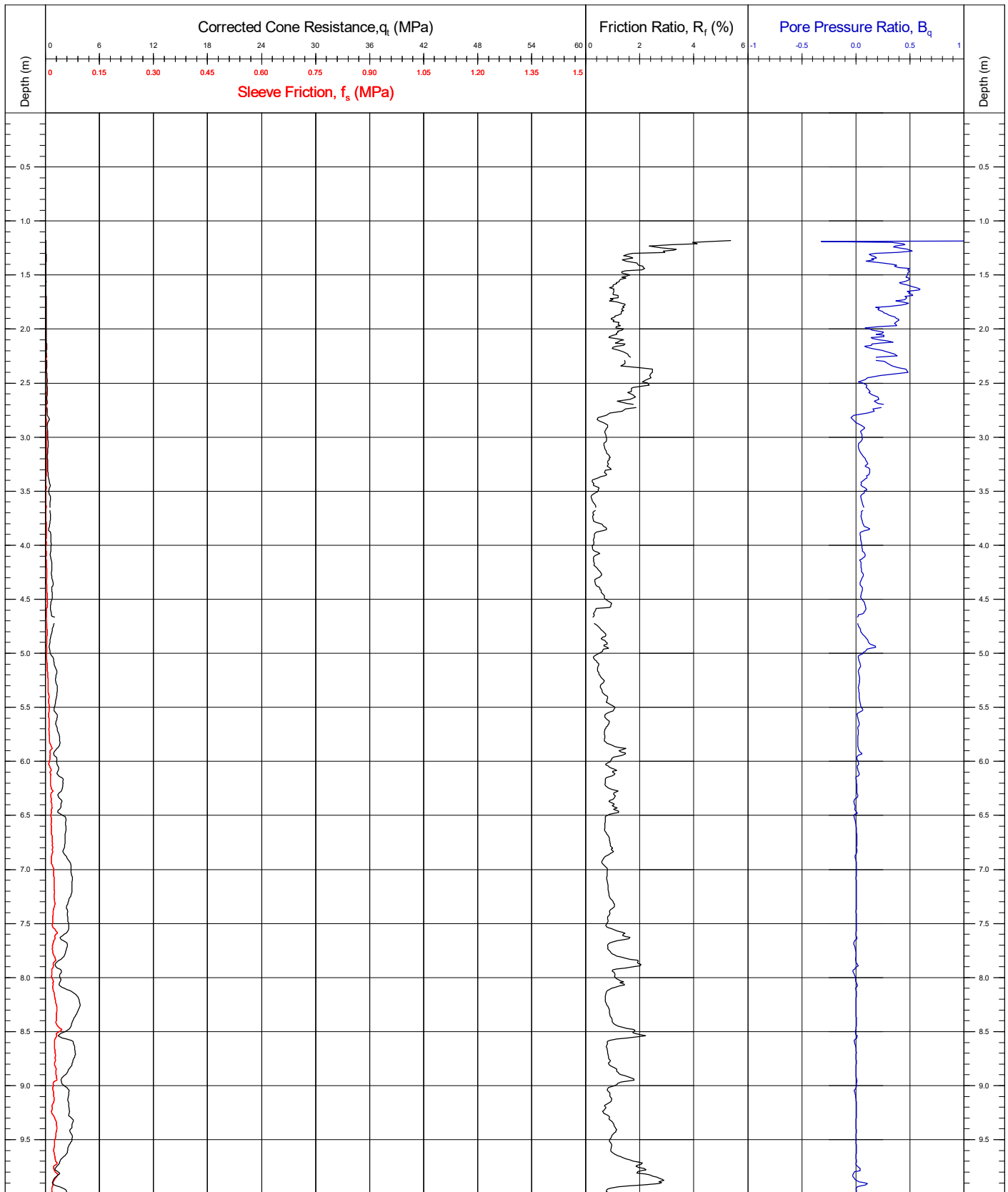
Area	Kattegat Sea	Coordinates	676059.40E 6274402.90N	CPT Number SCPT24		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.16	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test	03/05/2021	QC Status		
<small>Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary		
		Base Inclination	X = 1.2° / Y = 0.8°	Draft		
		CRS	ETRS89	Final		
				JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

3.6 Seabed CPTU Derived Logs



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

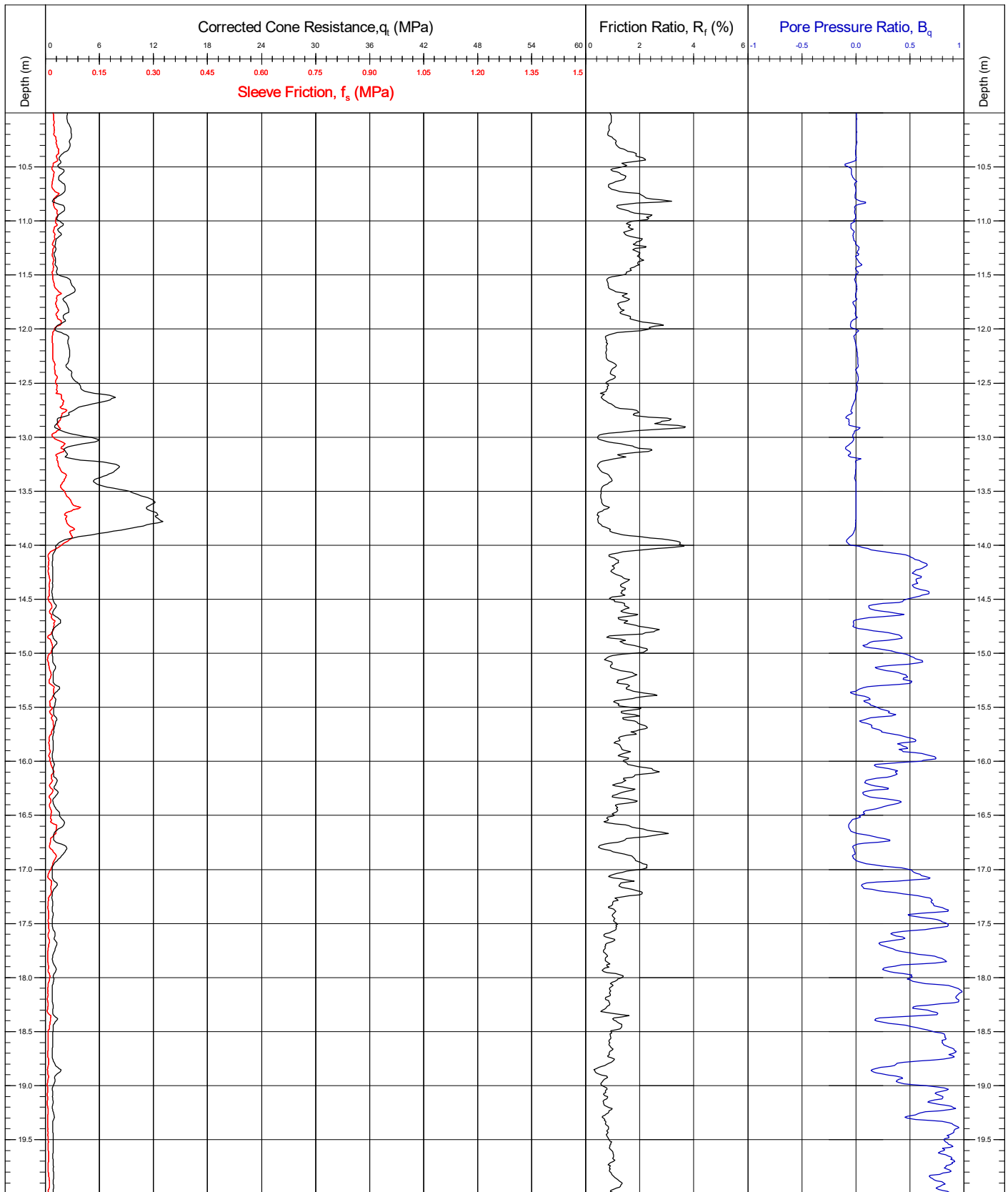


Area	Kattegat Sea	Coordinates	673294.00E	6269807.20N	CPT Number
Contract	11596	Latitude / Longitude			CB3a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84		Page: 1/6
Vessel	MV Ocean Vantage	Date of Test	01/05/2021		QC Status
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
					JK/BC (01/05/2021)
					DR (25/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

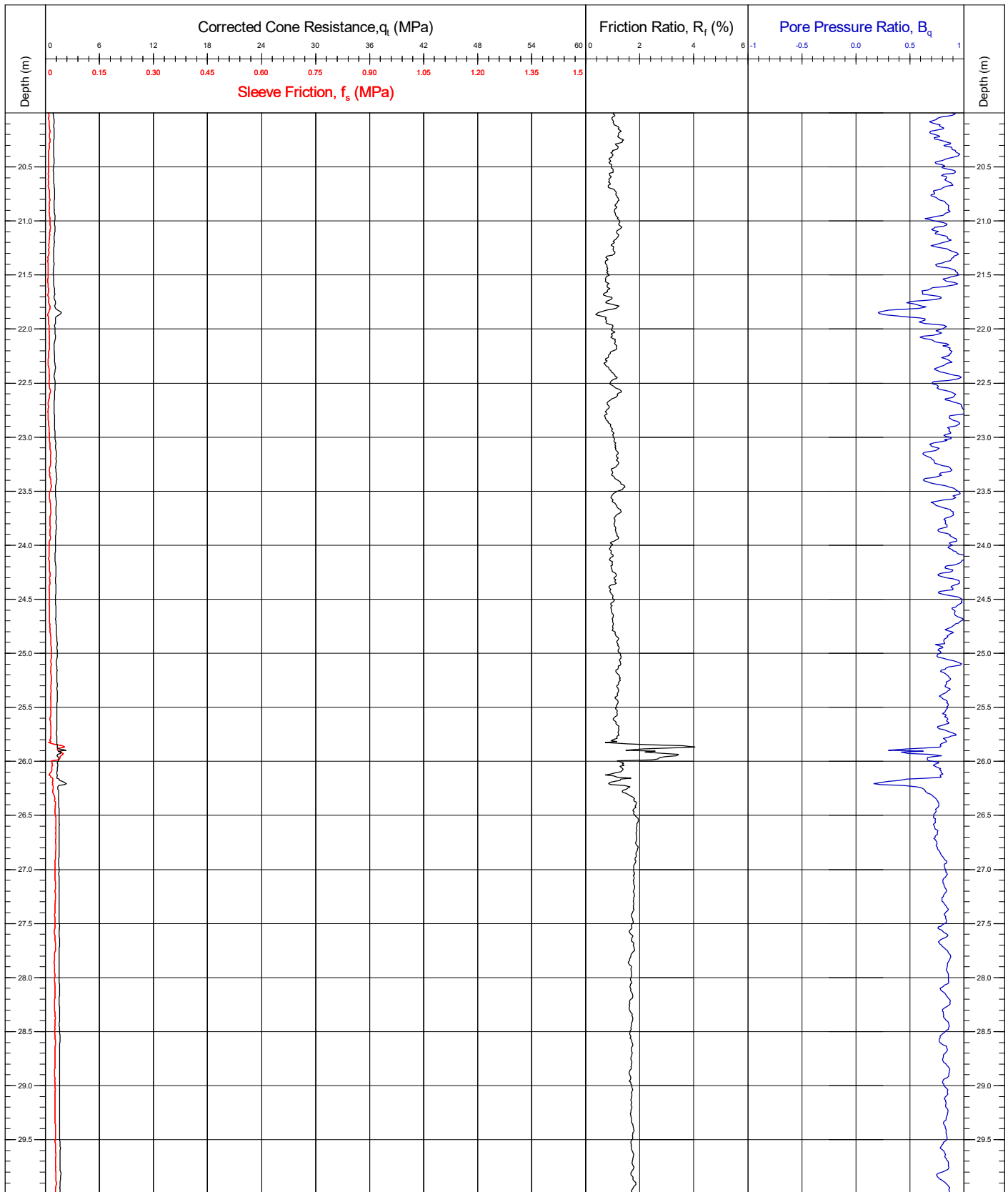


Area	Kattegat Sea	Coordinates	673294.00E 6269807.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB3a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84			
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 2/6		
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (01/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

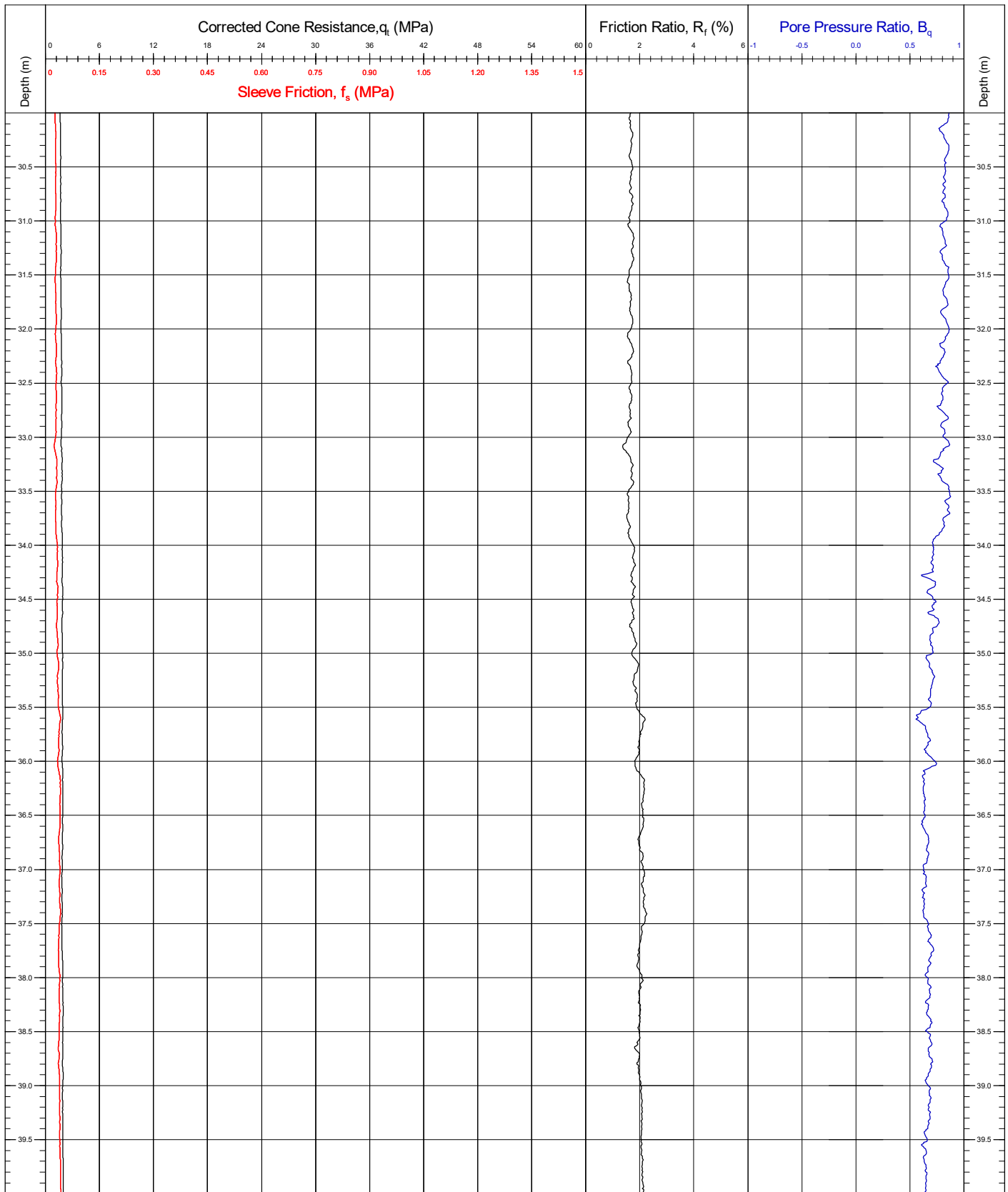


Area	Kattegat Sea	Coordinates	673294.00E 6269807.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB3a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84			
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 3/6		
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (01/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

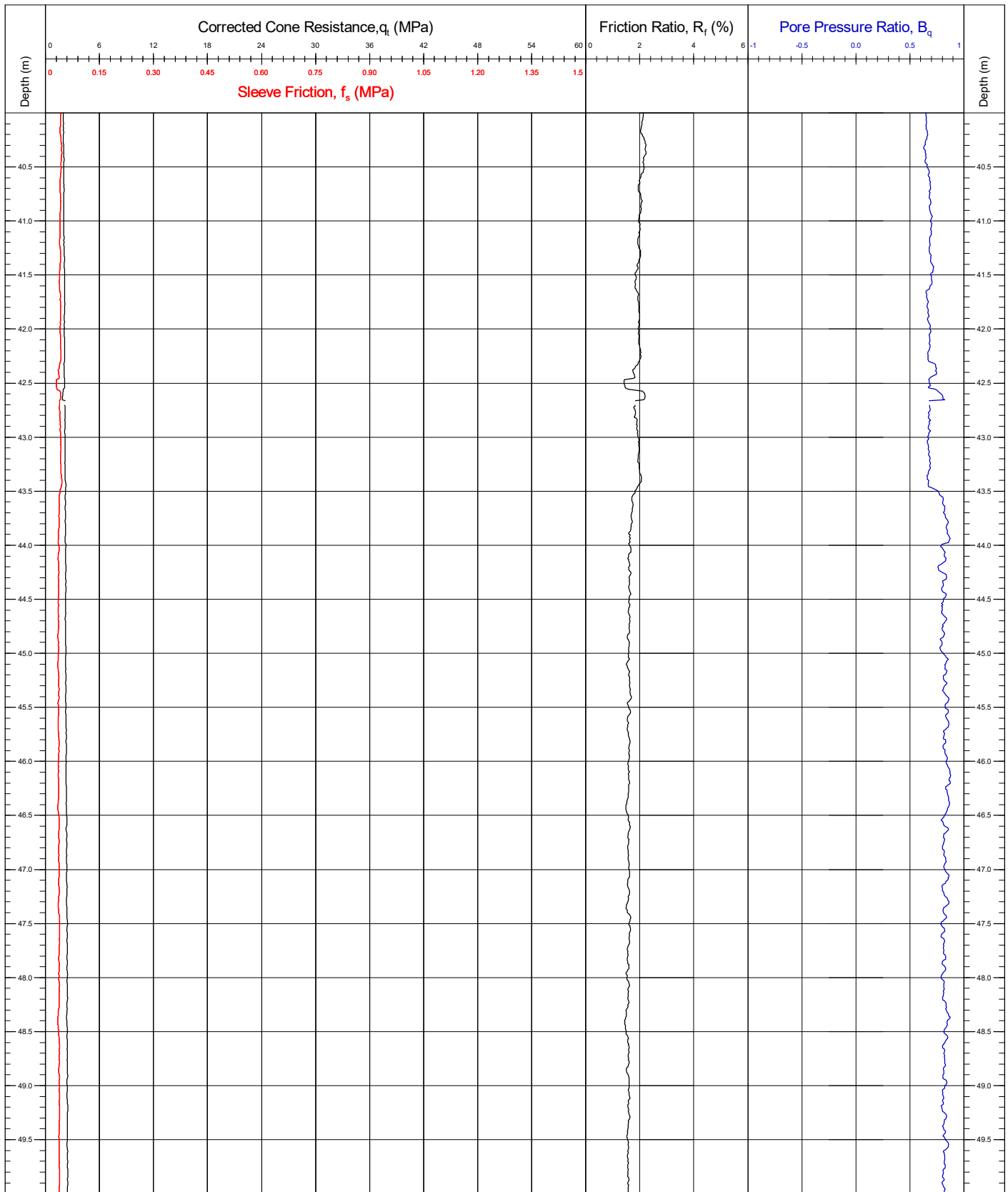


Area	Kattegat Sea	Coordinates	673294.00E 6269807.20N	CPT Number	
Contract	11596	Latitude / Longitude		CB3a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84	Page: 4/6	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(25/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

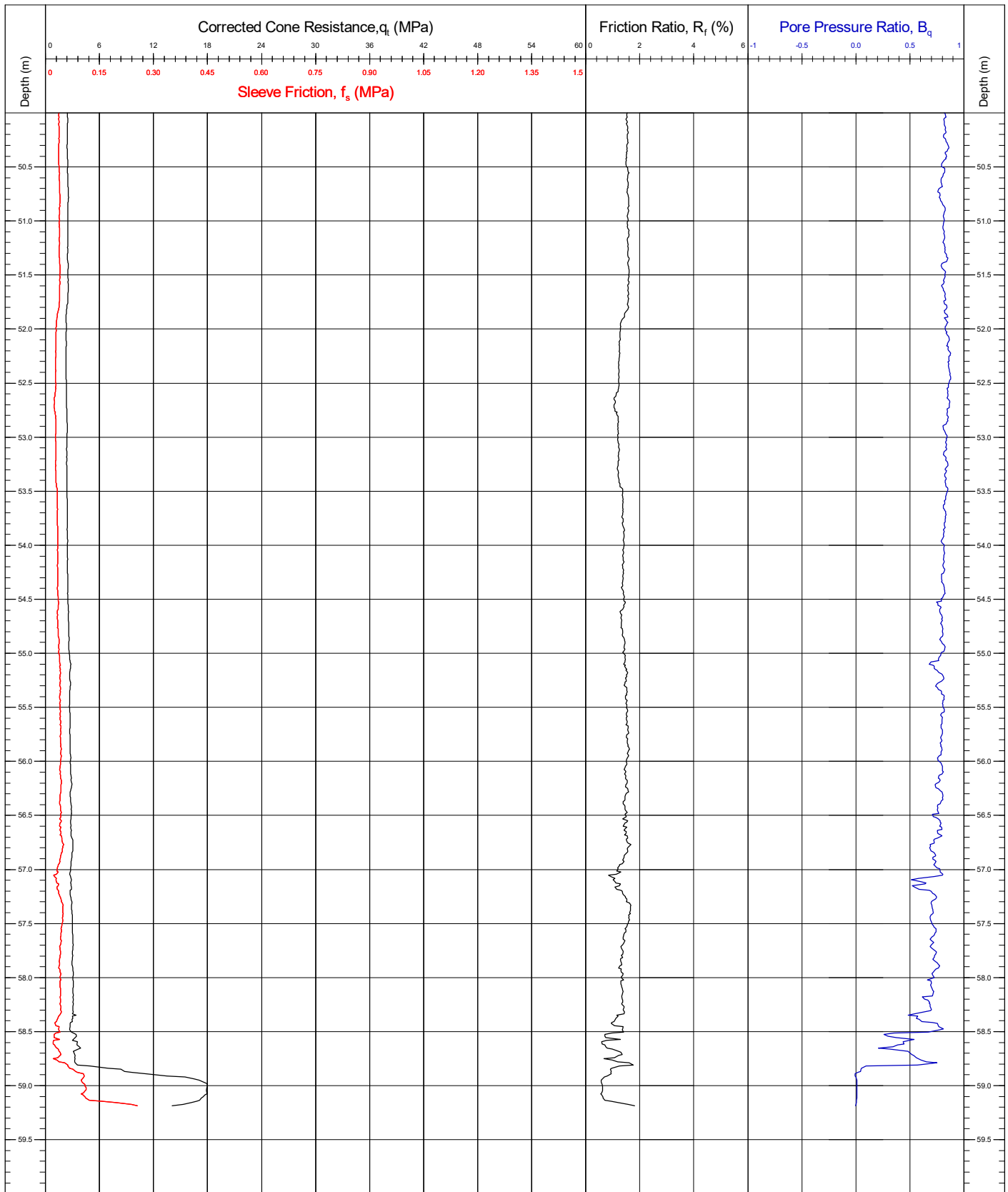


Area	Kattegat Sea	Coordinates	673294.00E 6269807.20N	CPT Number	
Contract	11596	Latitude / Longitude		CB3a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84	Page: 5/6	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC DR SMC	
		CRS	ETRS89	(01/05/2021) (25/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

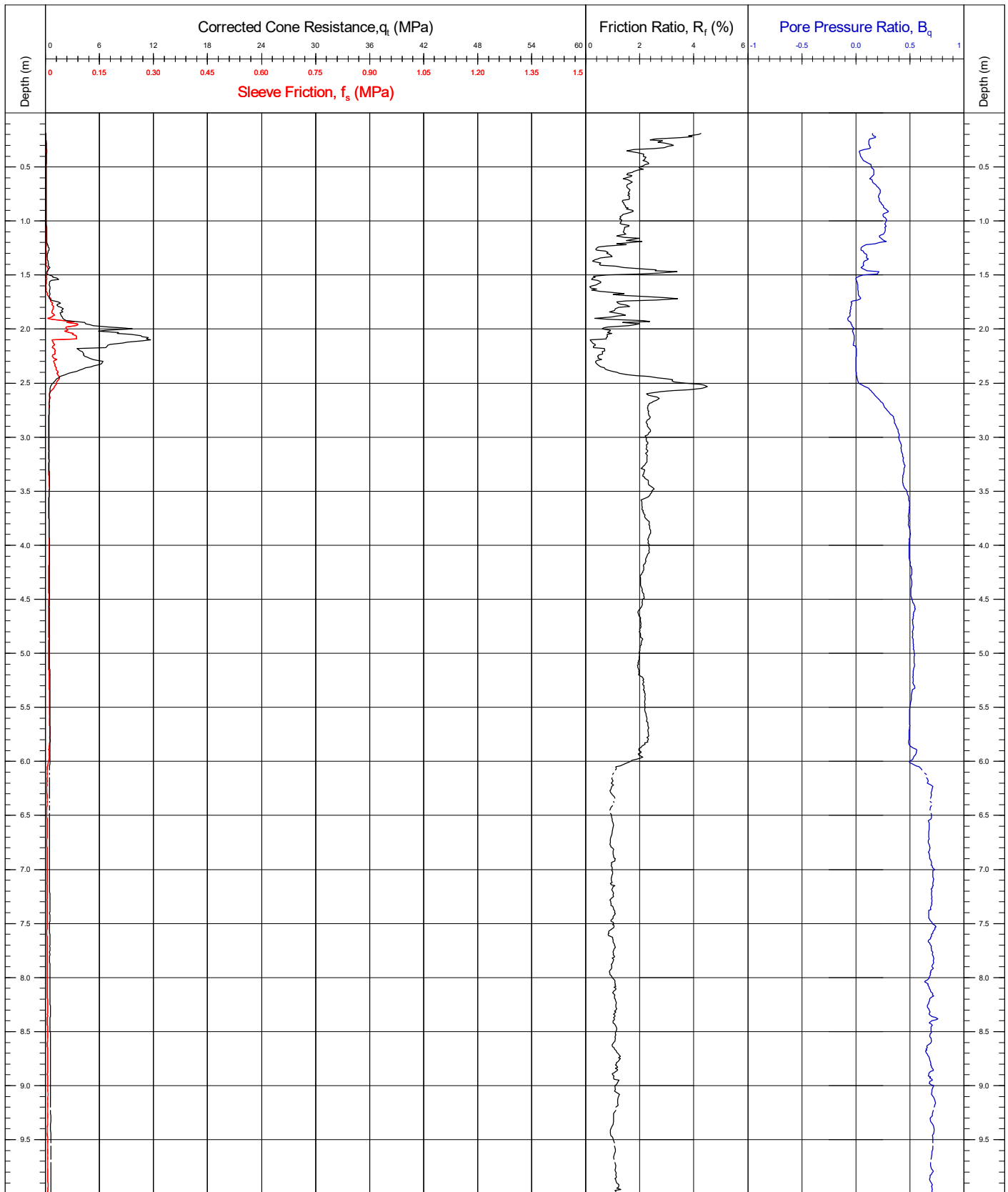


Area	Kattegat Sea	Coordinates	673294.00E 6269807.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB3a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.84	Page: 6/6		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
Comments: Cone out of class. Continuous seabed CPT. Final depth 58m. Test terminated due to loss of communication with cone after snapping rods		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (01/05/2021)	DR (25/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

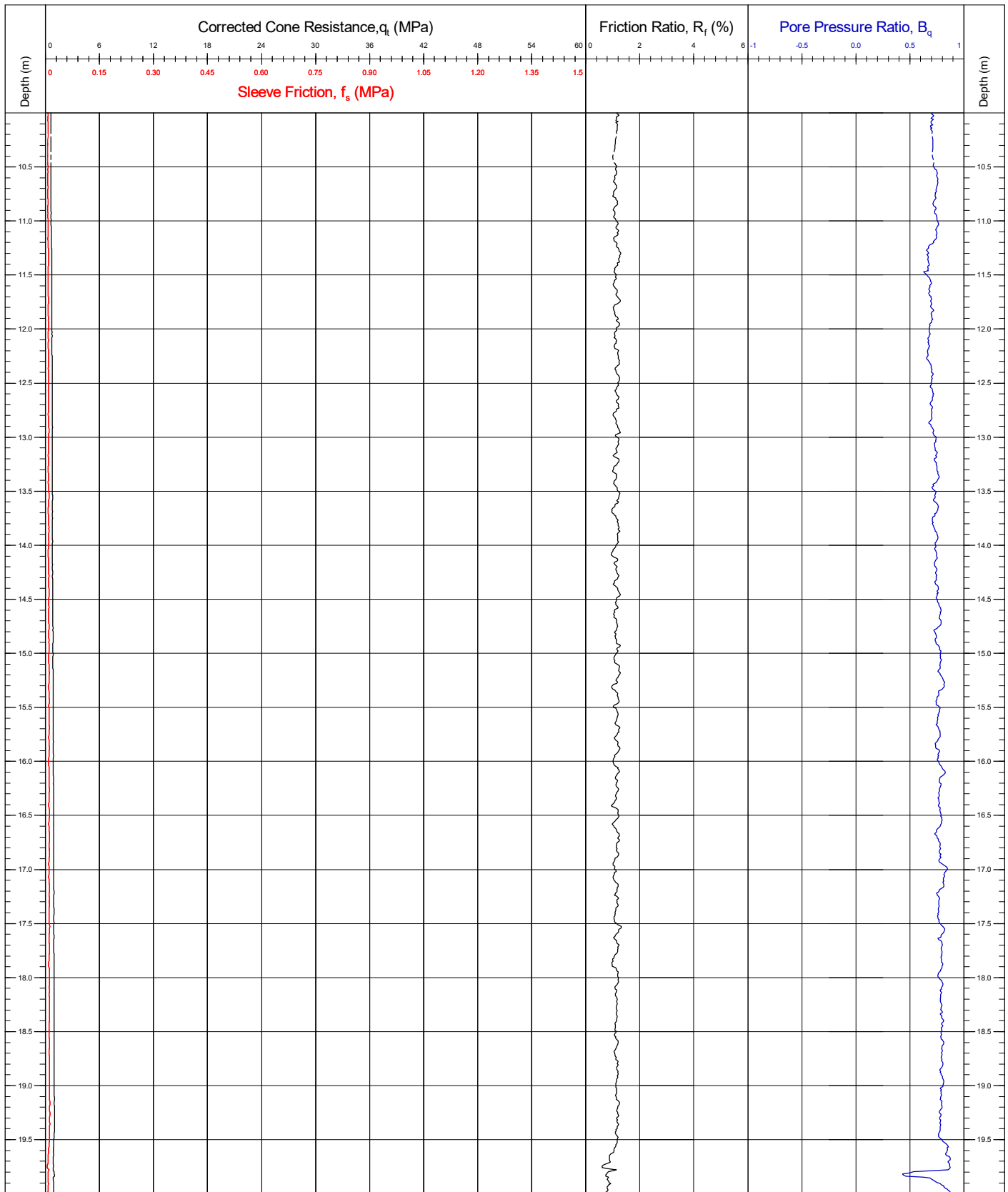


Area	Kattegat Sea	Coordinates	675775.70E 6272685.70N	CPT Number		
Contract	11596	Latitude / Longitude		CB4		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.94			
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 1/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material</small>		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	QC Status		
		Base Inclination	X = 1.1° / Y = 0.9°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

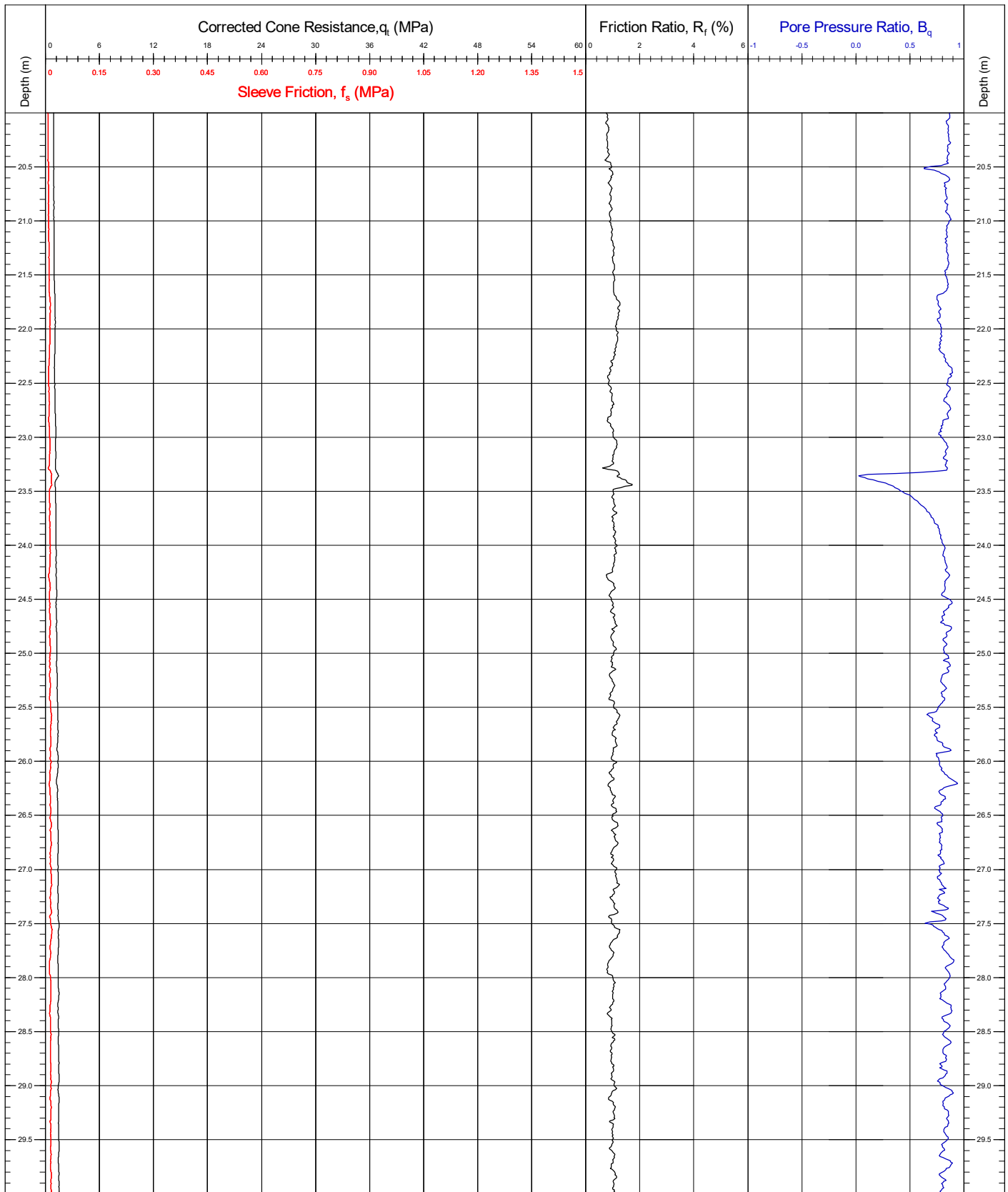


Area	Kattegat Sea	Coordinates	675775.70E 6272685.70N	CPT Number	
Contract	11596	Latitude / Longitude		CB4	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.94	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

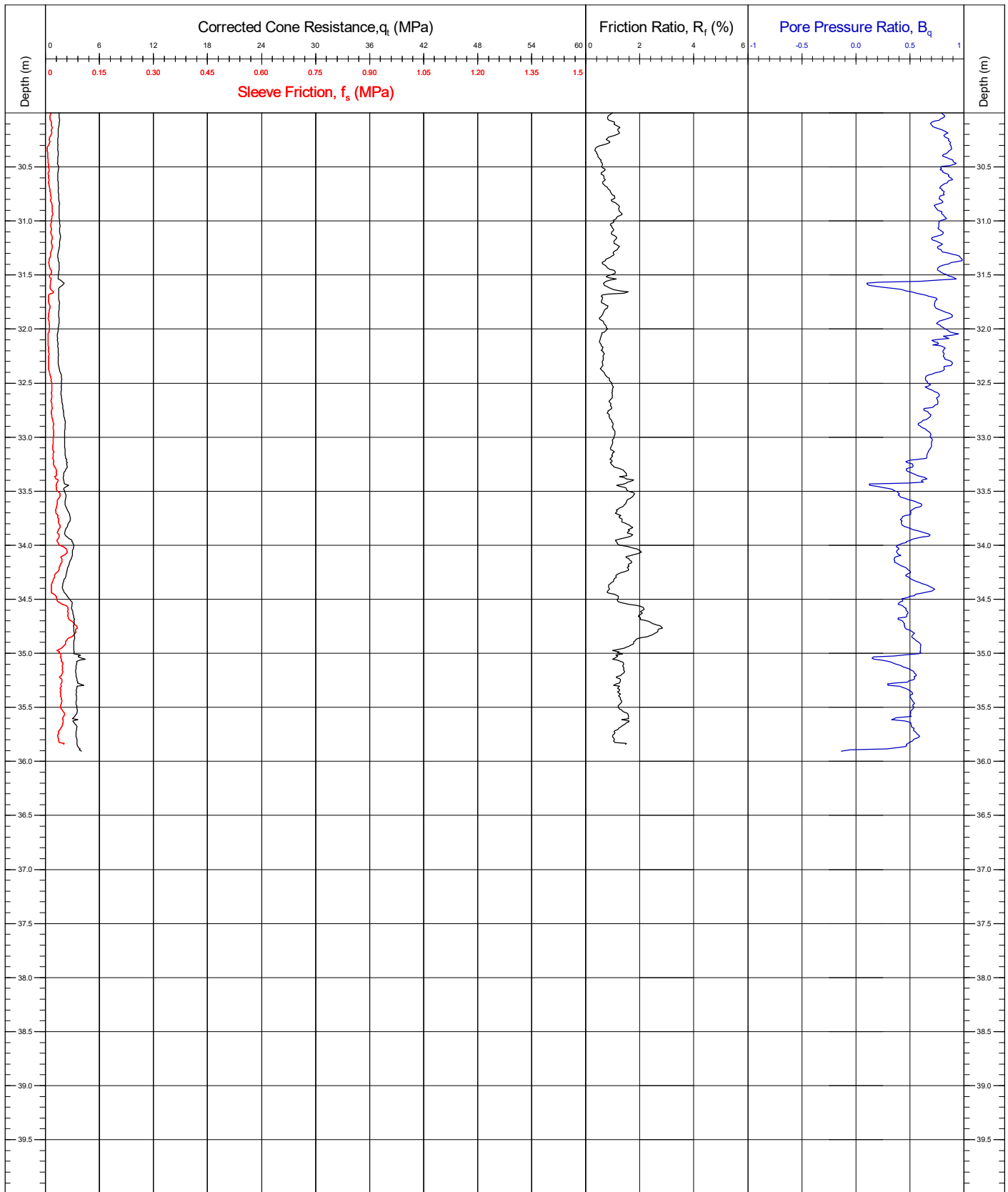


Area	Kattegat Sea	Coordinates	675775.70E 6272685.70N	CPT Number	
Contract	11596	Latitude / Longitude		CB4	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.94	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82		
		Base Inclination	X = 1.1° / Y = 0.9°	Preliminary	Draft
		CRS	ETRS89	JK/BC (01/05/2021)	DR (10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

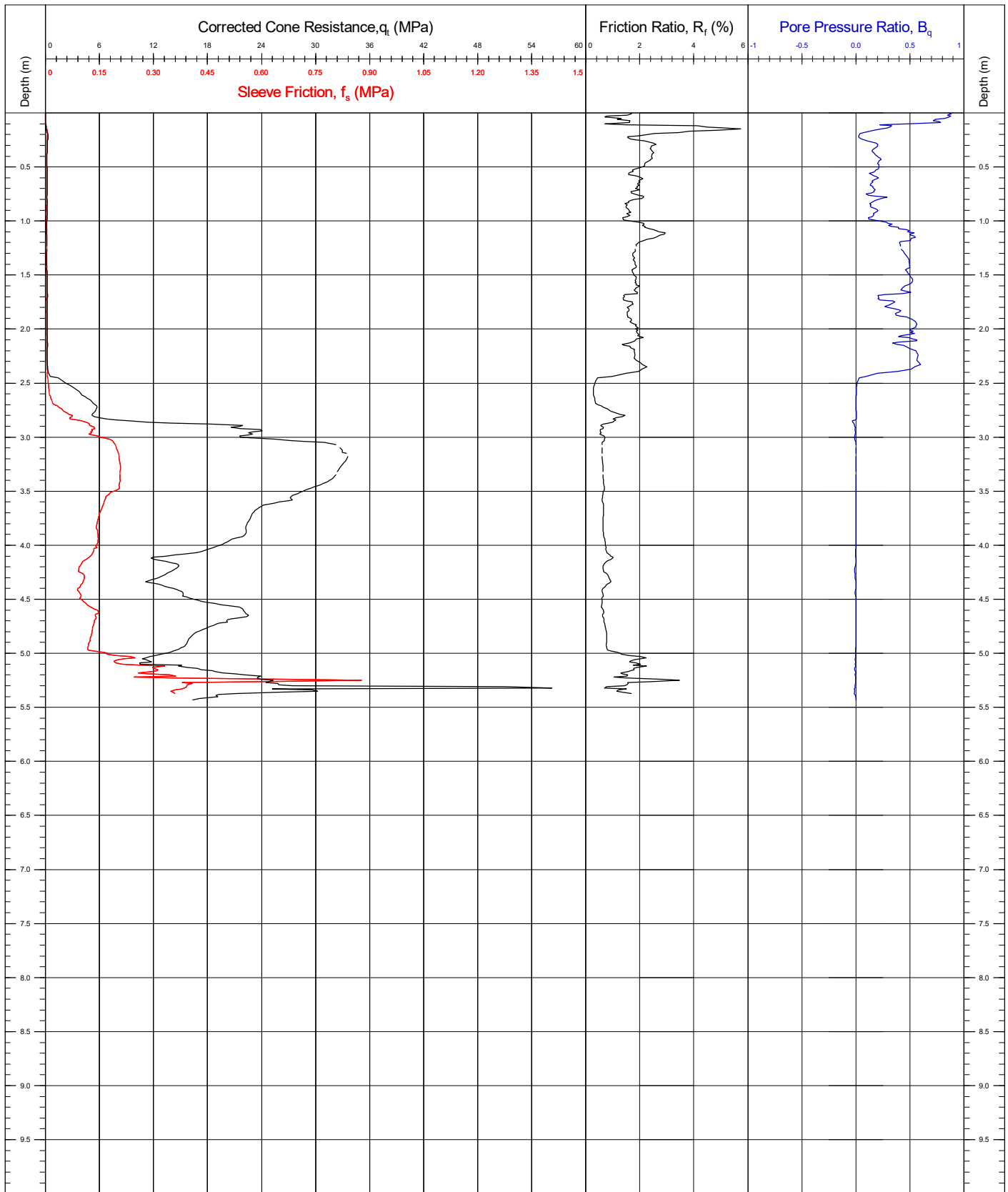


Area	Kattegat Sea	Coordinates	675775.70E 6272685.70N	CPT Number		
Contract	11596	Latitude / Longitude		CB4		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.94	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 35.73m. Test terminated at operators discretion due to lack of rod support from mudline when pushing into dense material		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final		
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC	DR	SMc
		CRS	ETRS89	(01/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

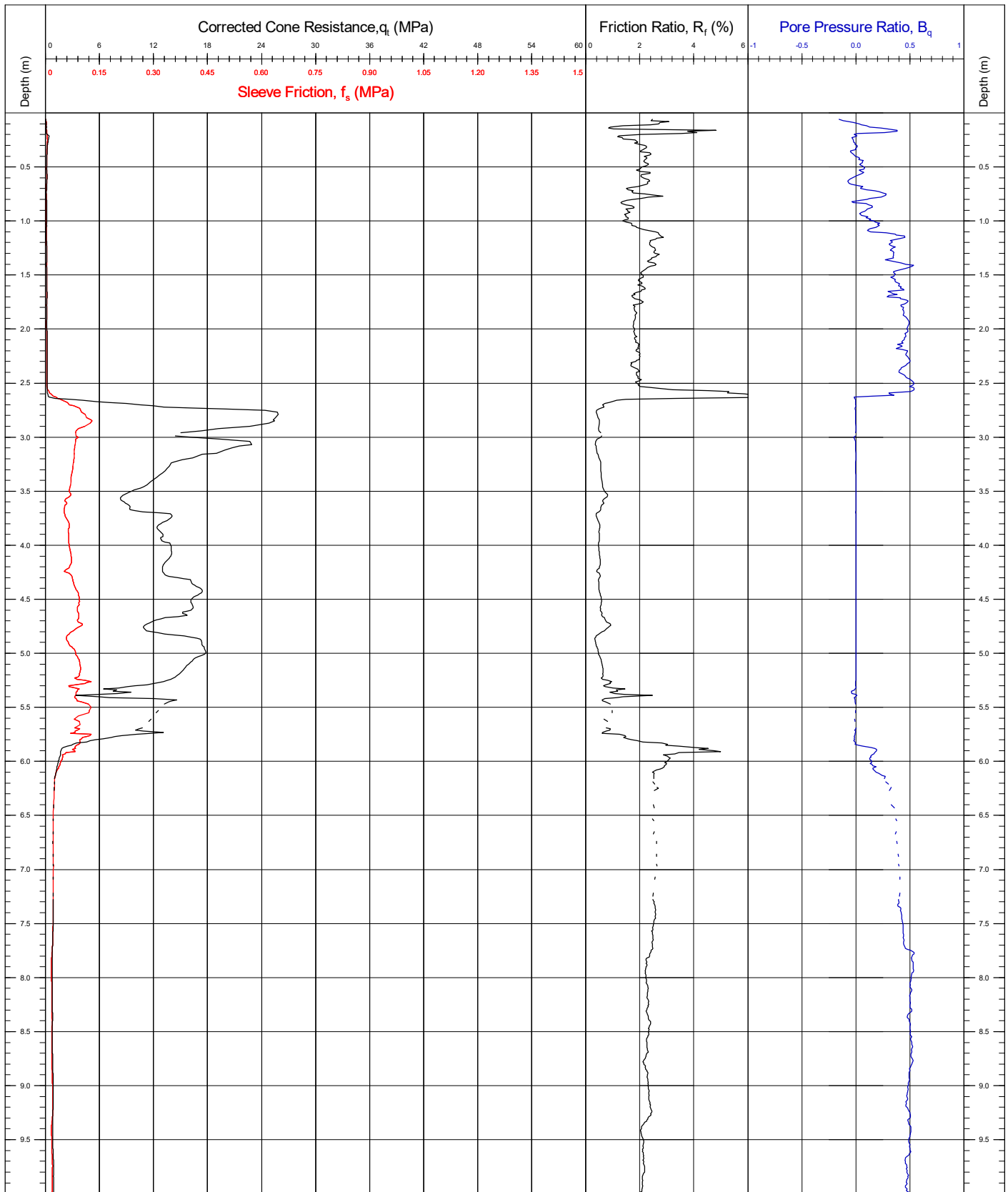


Area	Kattegat Sea	Coordinates	671118.20E 6254697.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB5		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.39			
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	Page: 1/1		
Comments: Cone class 3. Continuous seabed CPT. Final depth 5.46m. Test terminated at operators discretion due to high increase in sleeve friction and sudden increase in tip resistance - poor lateral rod support in first 2m		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	QC Status		
		Base Inclination	X = 1.0° / Y = 1.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

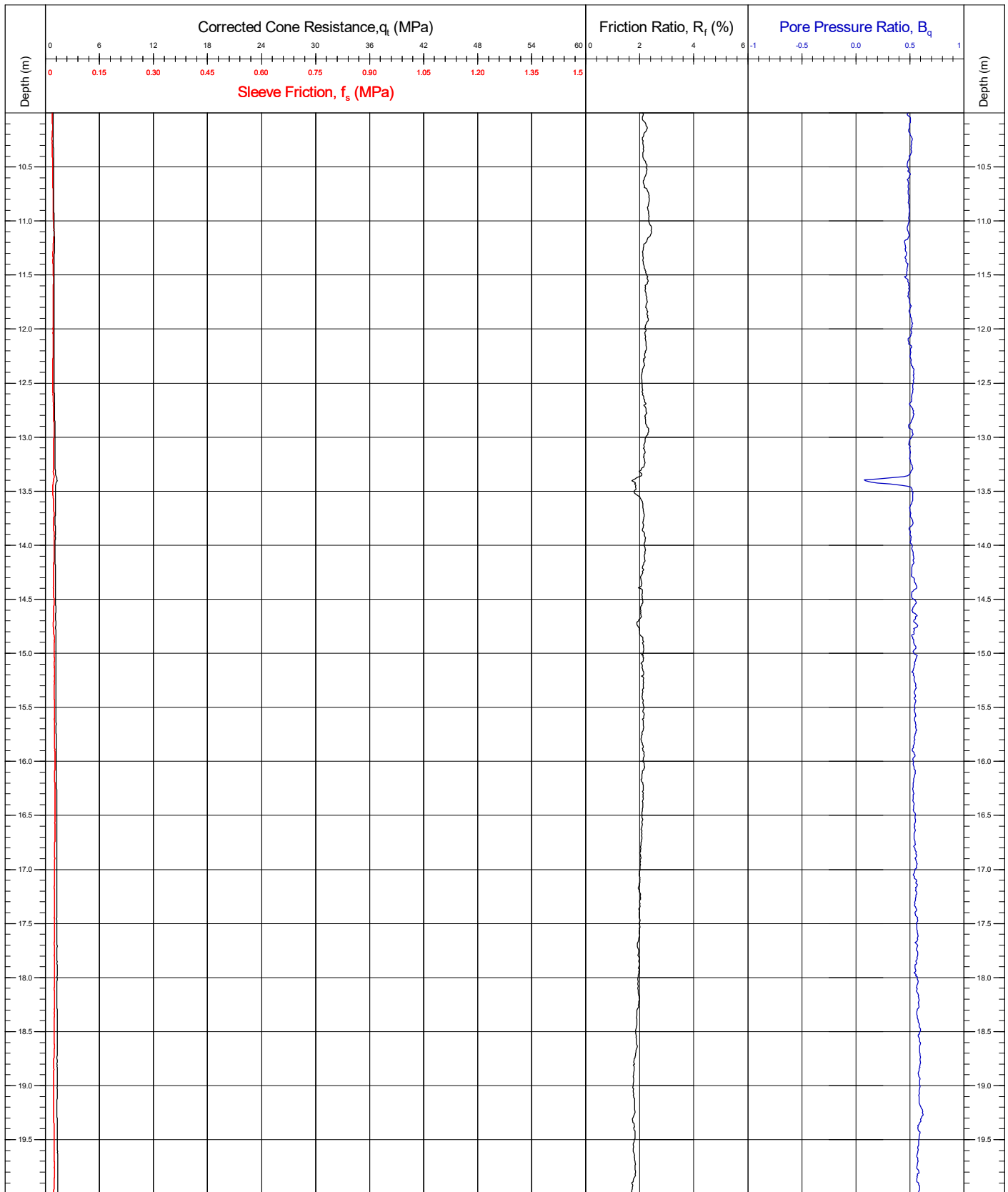


Area	Kattegat Sea	Coordinates	671118.60E	6254692.20N	CPT Number
Contract	11596	Latitude / Longitude			CB5a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.38		Page: 1/4
Vessel	MV Ocean Vantage	Date of Test	28/04/2021		QC Status
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.5° / Y = 0.0°		Draft
		CRS	ETRS89		Final
					JK/BC <small>(28/04/2021)</small>
					DR <small>(10/06/2021)</small>
					SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

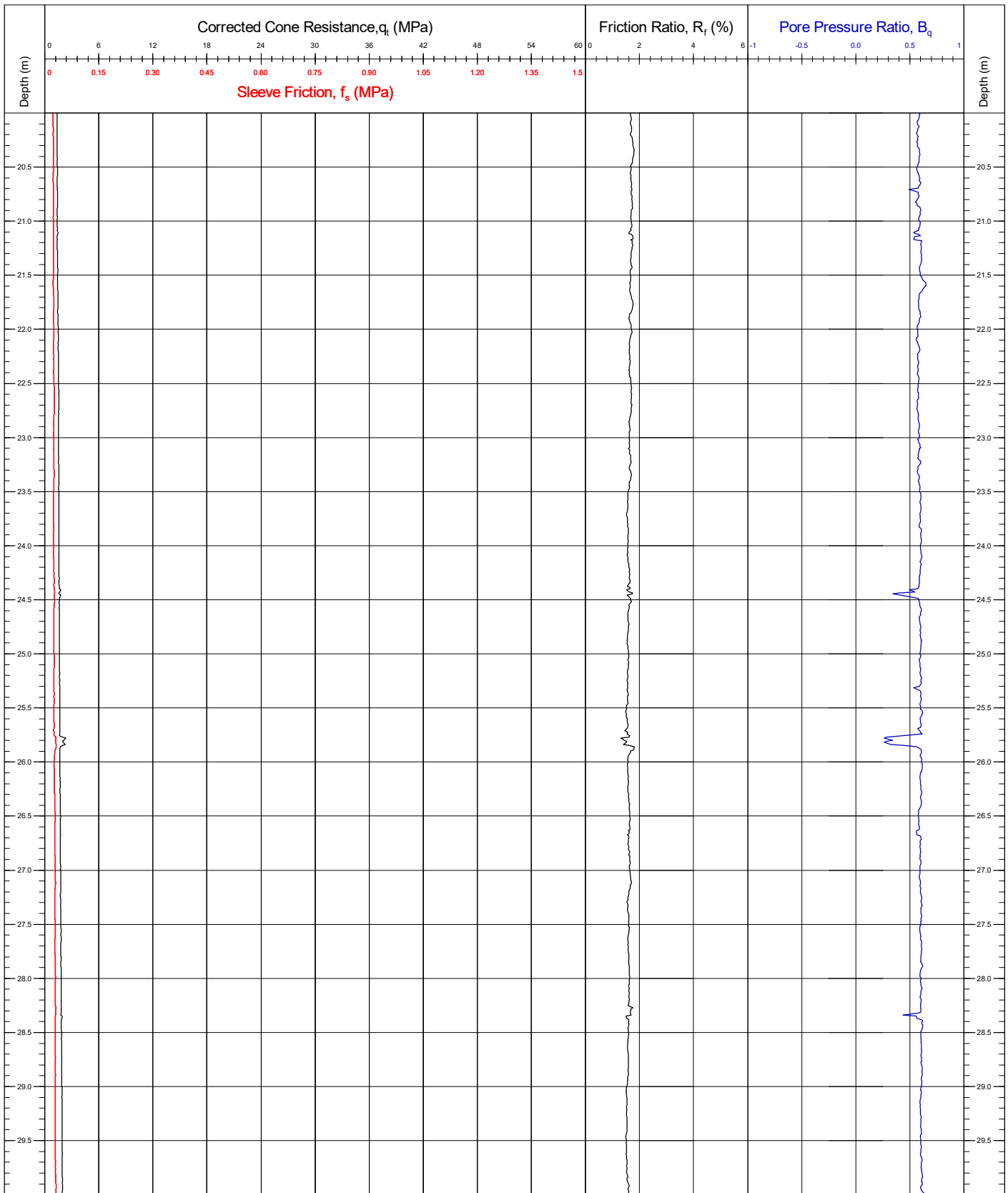


Area	Kattegat Sea	Coordinates	671118.60E 6254692.20N	CPT Number	
Contract	11596	Latitude / Longitude		CB5a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.38	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.5° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(28/04/2021)	(10/06/2021)
				(10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

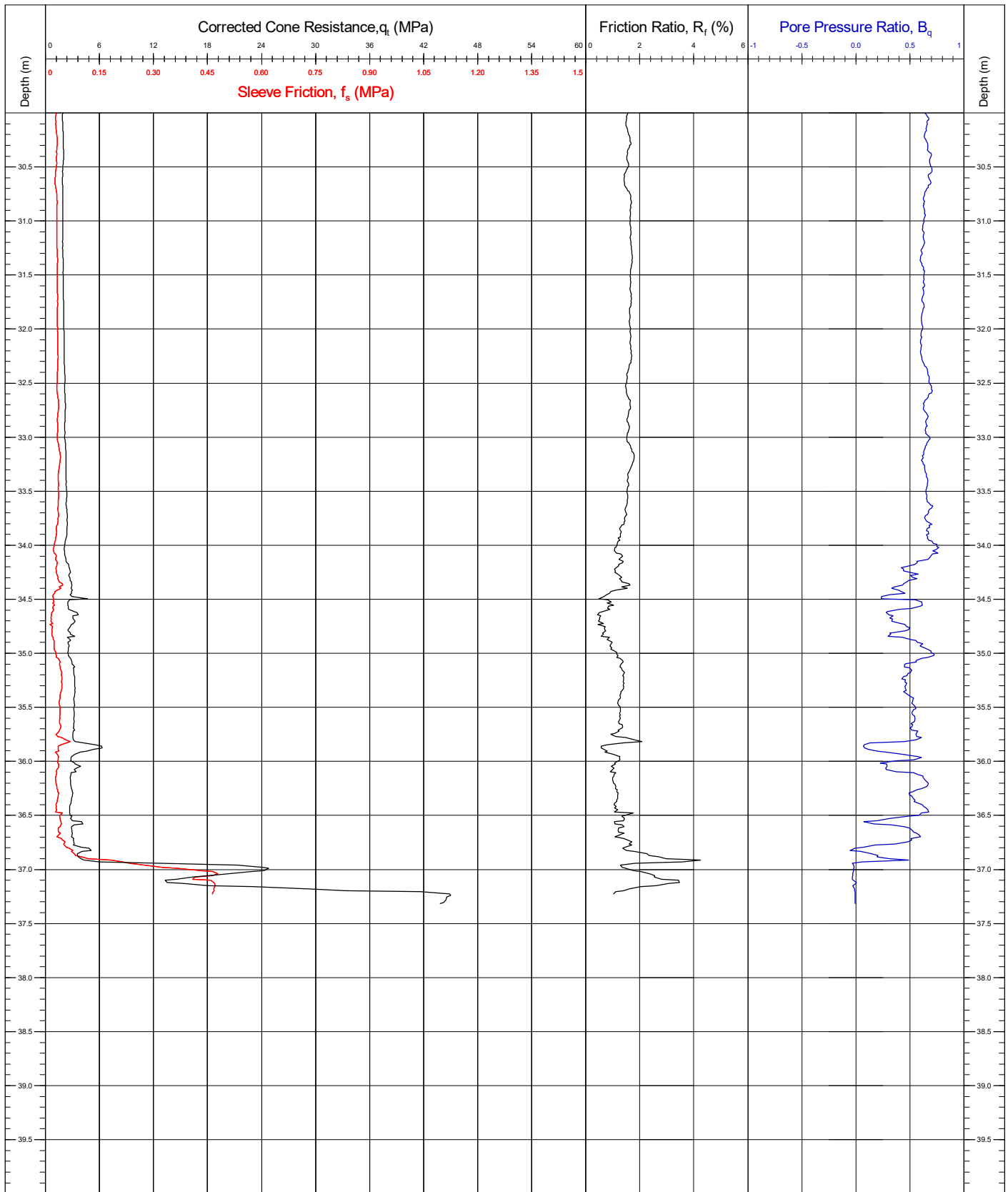


Area	Kattegat Sea	Coordinates	671118.60E 6254692.20N	CPT Number		
Contract	11596	Latitude / Longitude		CB5a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.38			
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	Page: 3/4		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.5° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (28/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

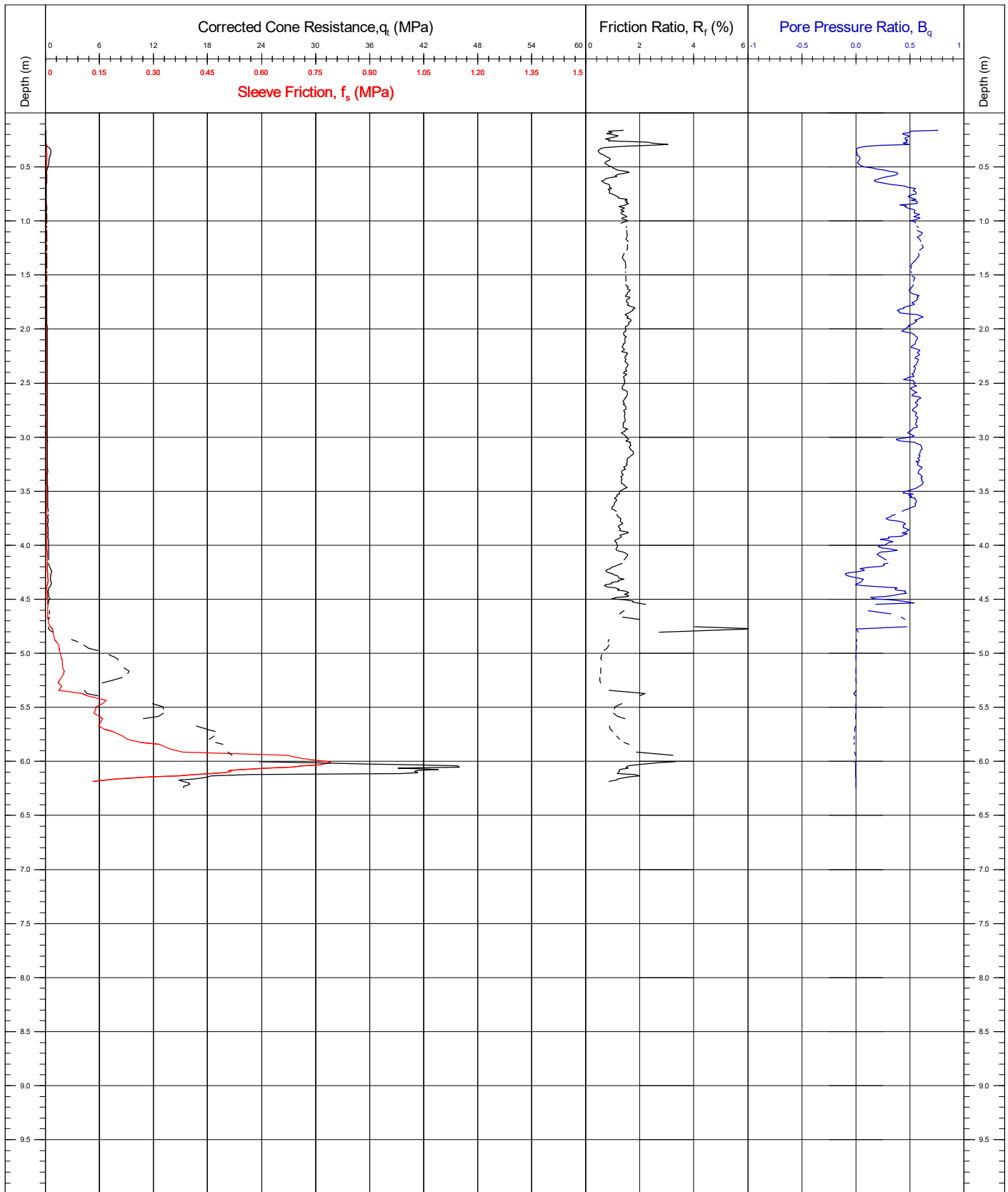


Area	Kattegat Sea	Coordinates	671118.60E	6254692.20N	CPT Number
Contract	11596	Latitude / Longitude			CB5a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.38		Page: 4/4
Vessel	MV Ocean Vantage	Date of Test	28/04/2021		QC Status
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 37.28m. Test terminated due to a sudden increase in tip resistance and total force and a lack of lateral rod support throughout latter half of test</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.5° / Y = 0.0°		Draft
		CRS	ETRS89		Final
					JK/BC <small>(28/04/2021)</small>
					DR <small>(10/06/2021)</small>
					SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

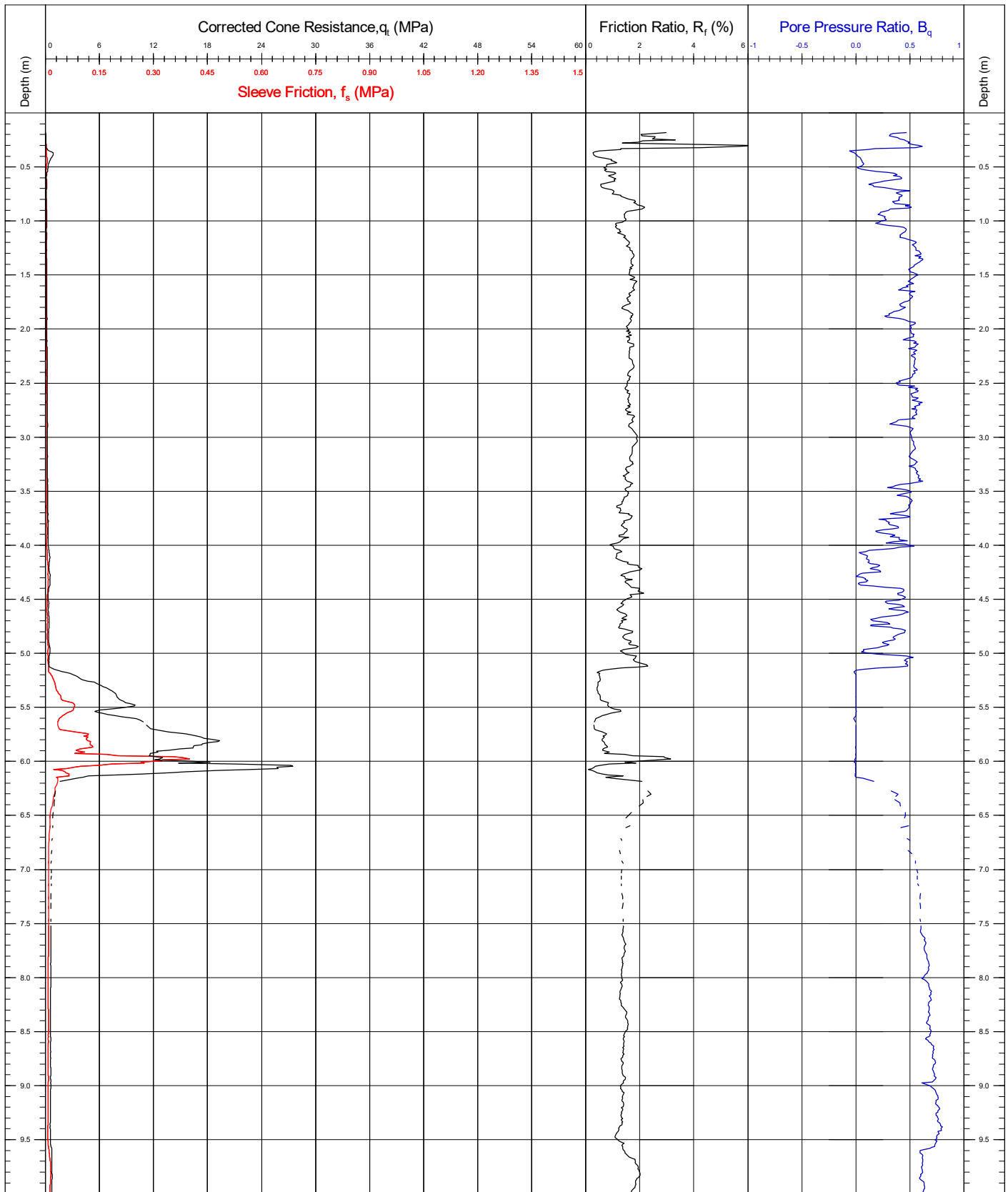


Area	Kattegat Sea	Coordinates	668194.00E 6257998.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB6		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.74			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 1/1		
Comments: Cone class 1. Continuous seabed CPT. Final depth 6.10m. Test terminated at operators discretion due to sudden increase in inclination and tip resistance				QC Status		
				Preliminary	Draft	Final
				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
		Base Inclination	X = 1.1° / Y = 1.0°			
CRS		ETRS89				



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

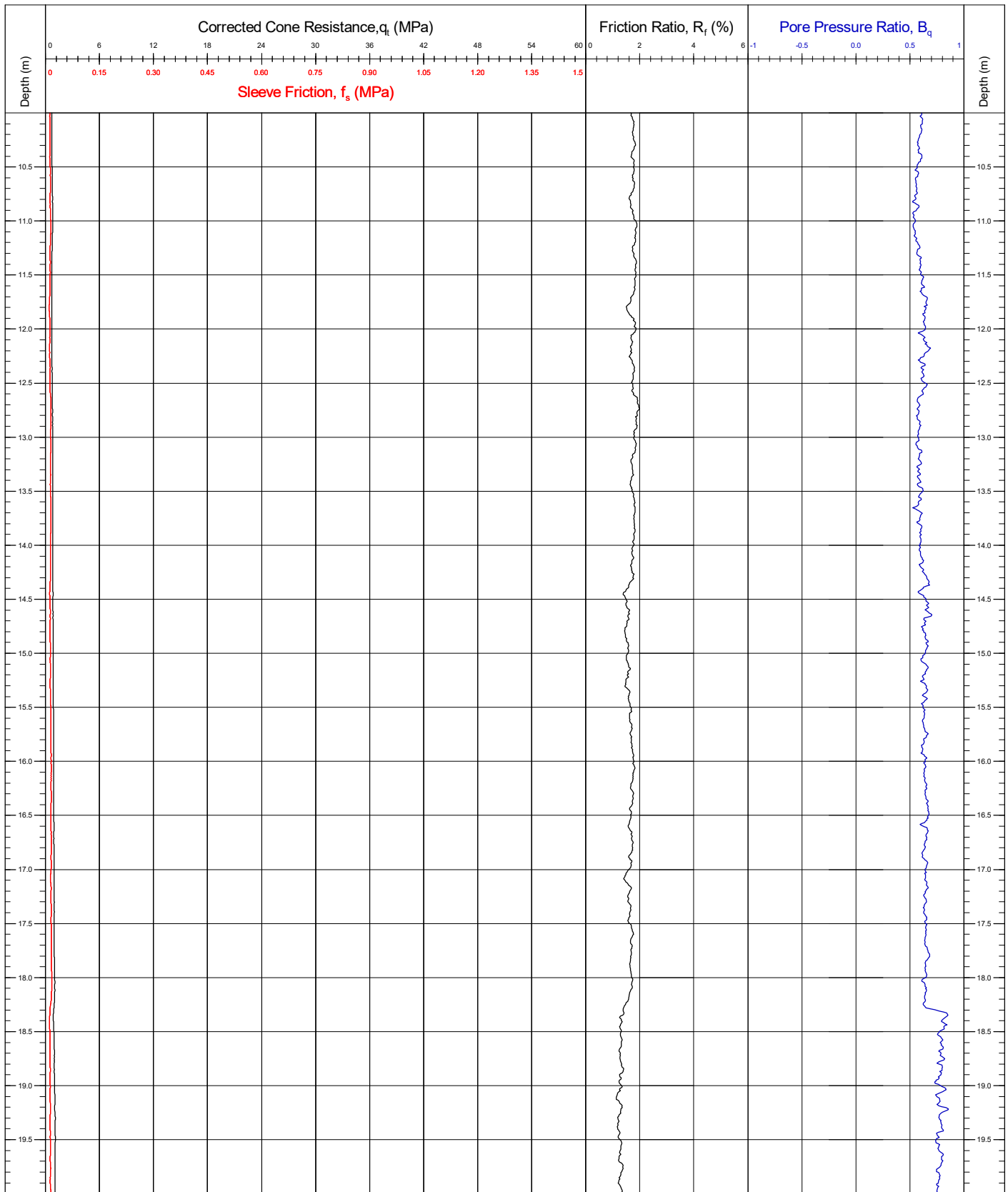


Area	Kattegat Sea	Coordinates	668194.30E 6257993.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB6a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.75			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 1/4		
Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

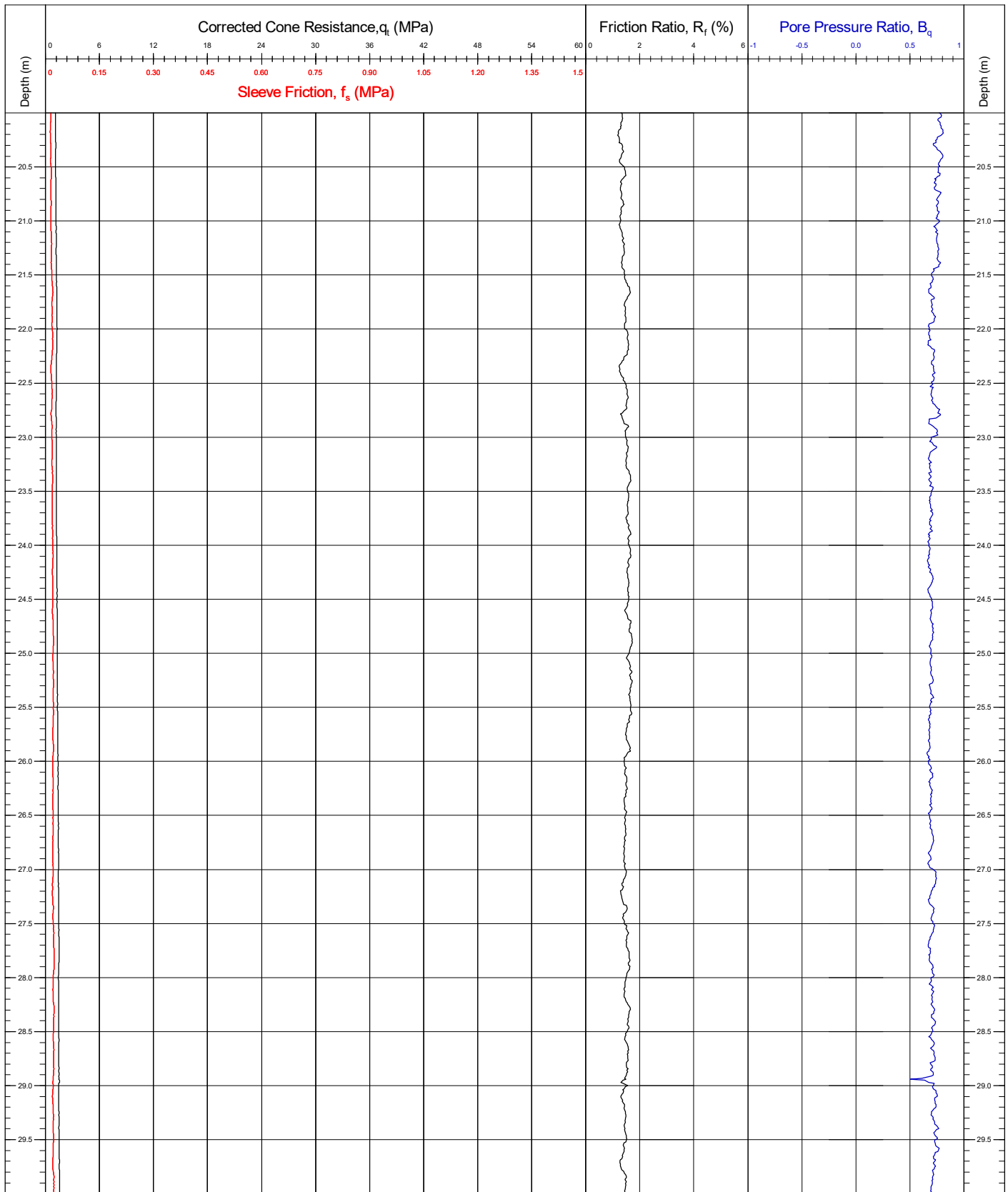


Area	Kattegat Sea	Coordinates	668194.30E 6257993.10N	CPT Number	
Contract	11596	Latitude / Longitude		CB6a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.75	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

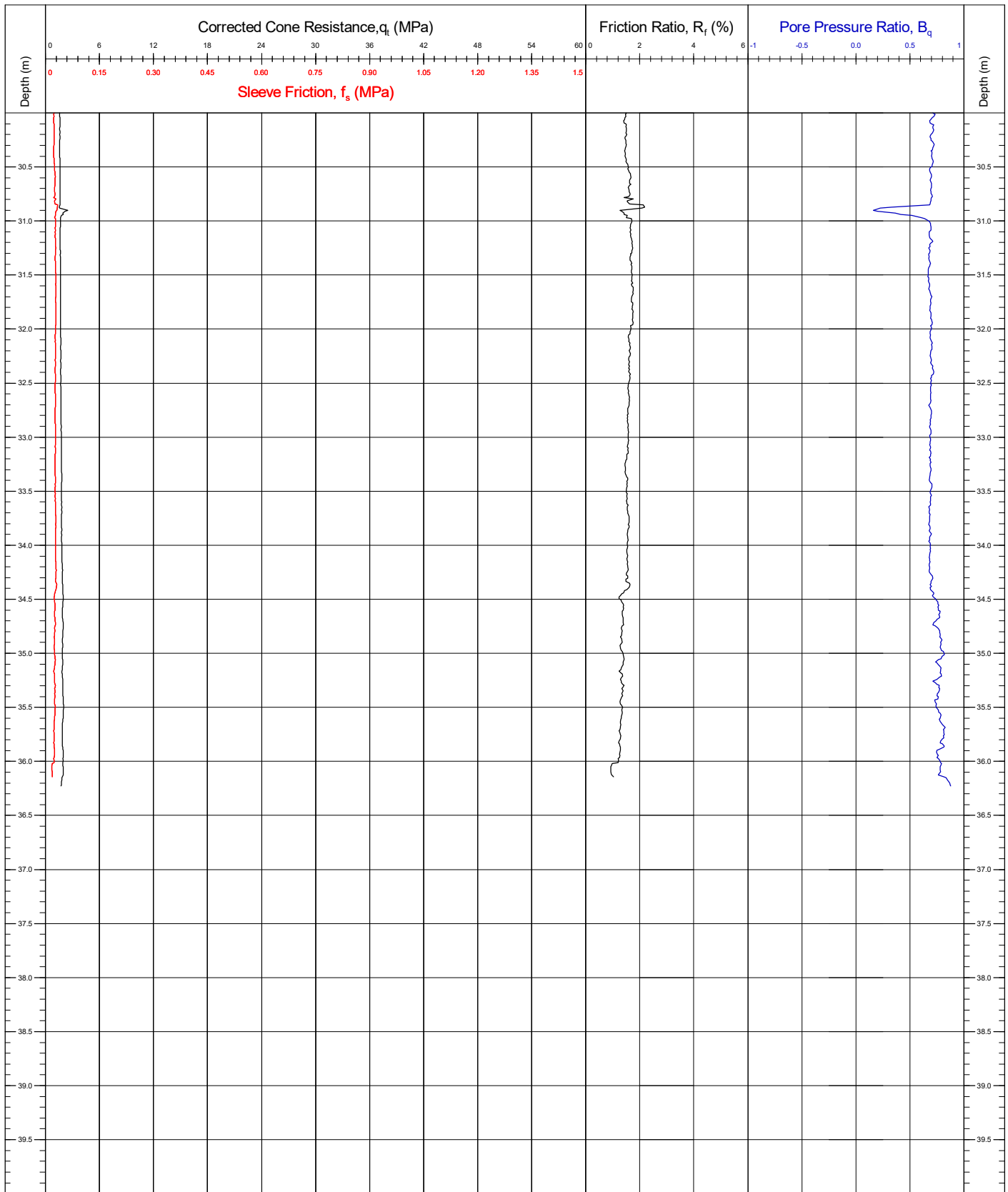


Area	Kattegat Sea	Coordinates	668194.30E	6257993.10N	CPT Number
Contract	11596	Latitude / Longitude			CB6a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.75		Page: 3/4
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
					JK/BC (29/04/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

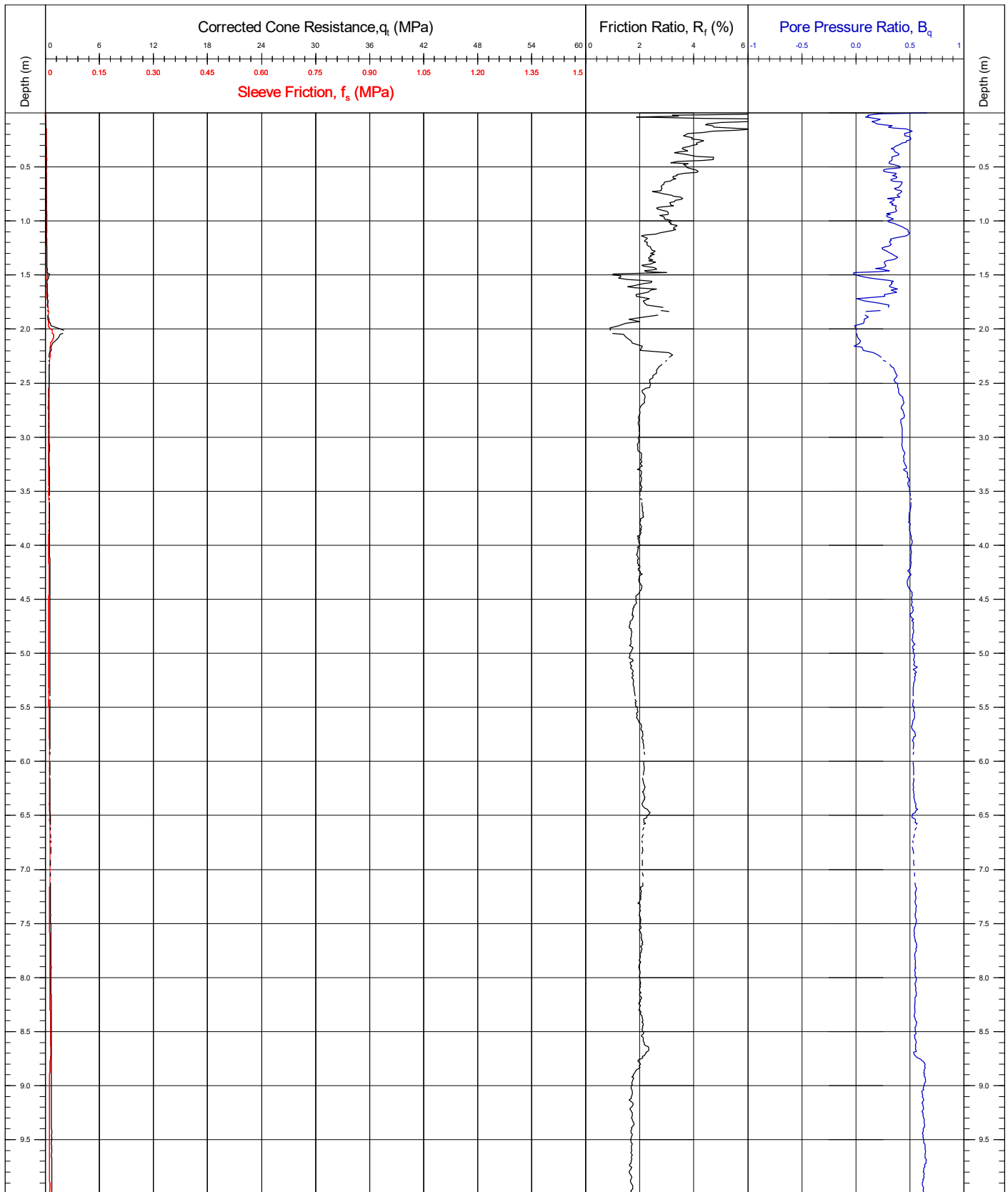


Area	Kattegat Sea	Coordinates	668194.30E	6257993.10N	CPT Number
Contract	11596	Latitude / Longitude			CB6a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.75		Page: 4/4
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 36.08 m. Test terminated at operators discretion due to high inclination (18 degrees)		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(29/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

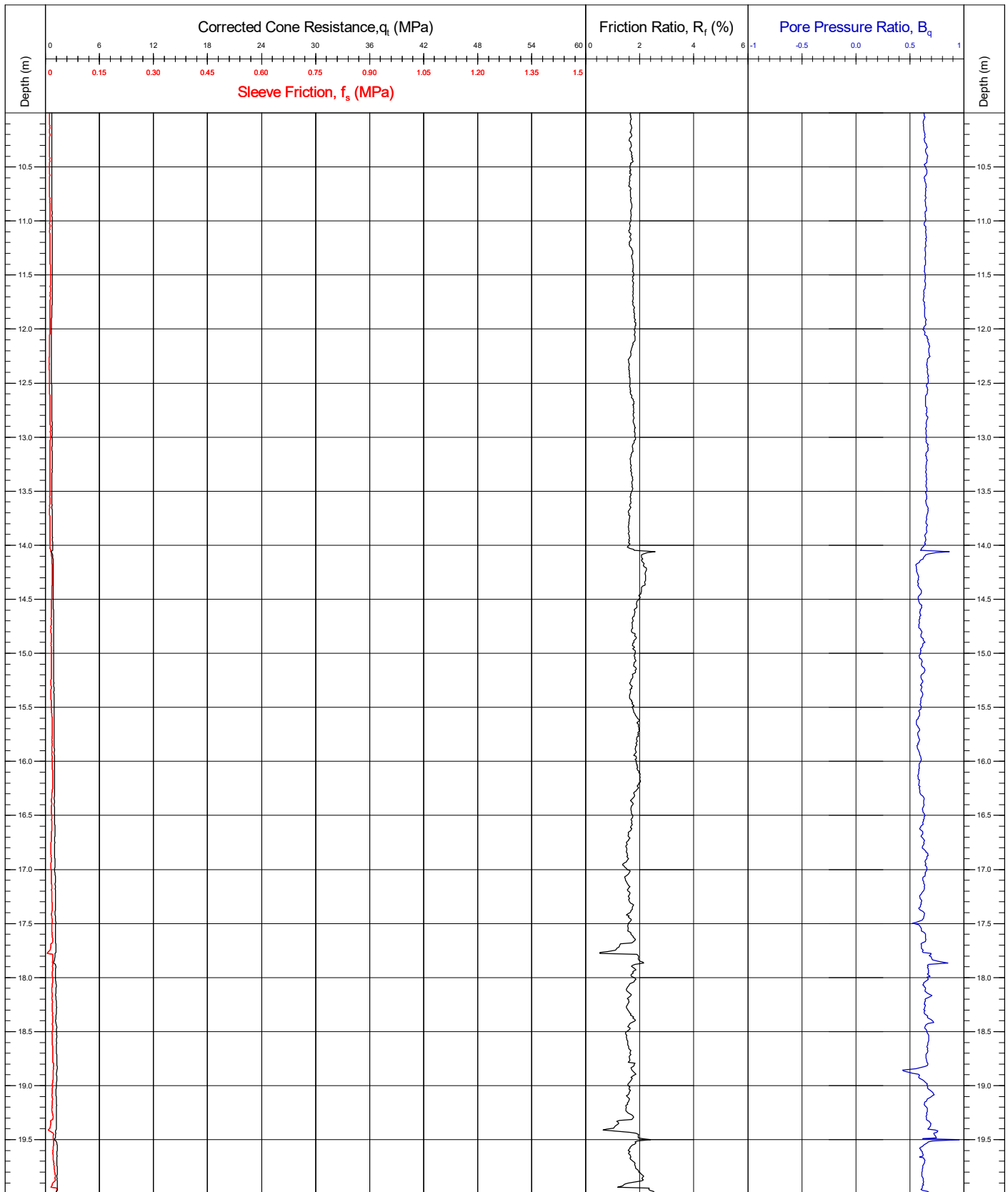


Area	Kattegat Sea	Coordinates	673538.00E 6259621.30N	CPT Number	
Contract	11596	Latitude / Longitude		CB7	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 1/3	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

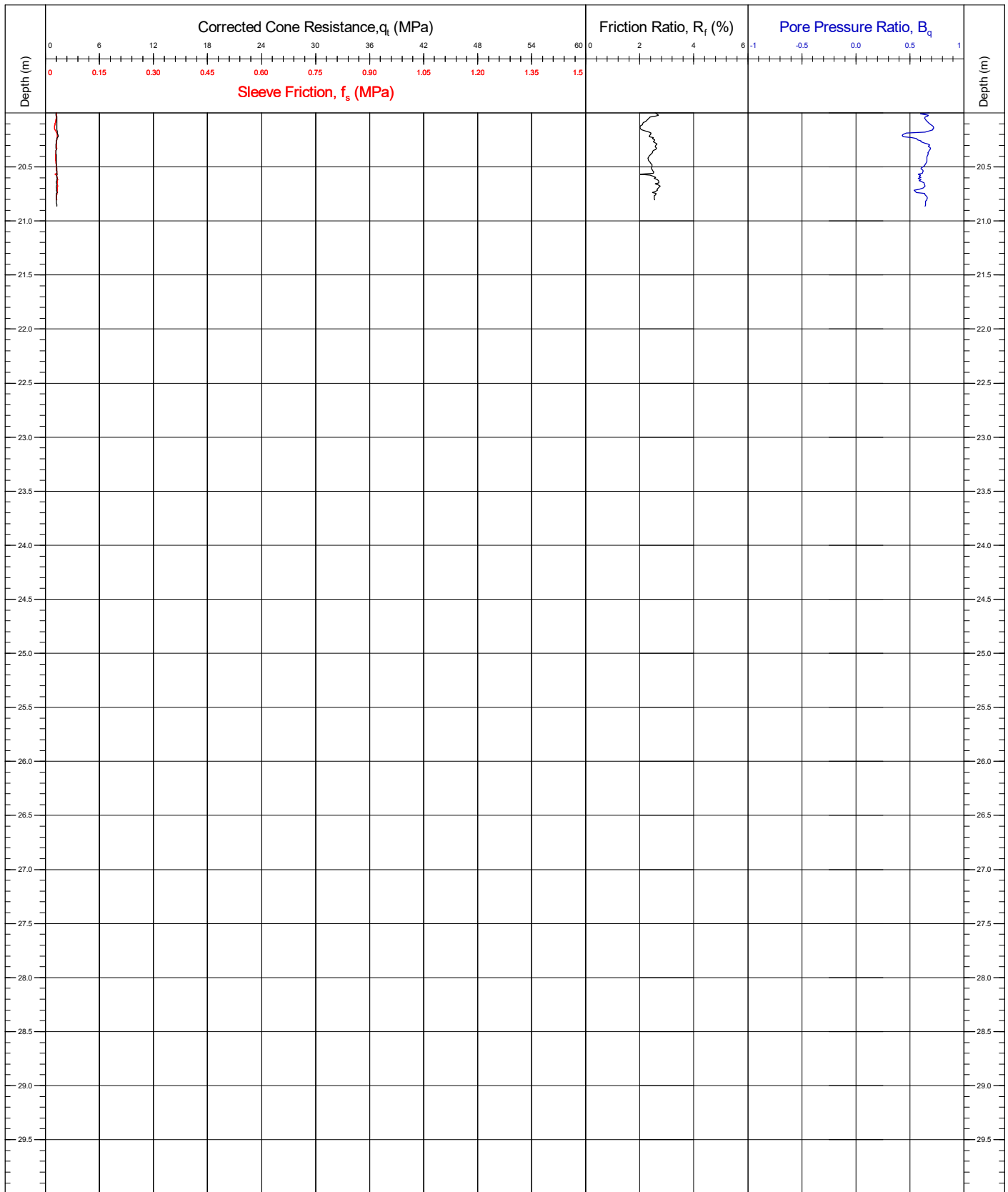


Area	Kattegat Sea	Coordinates	673538.00E 6259621.30N	CPT Number		
Contract	11596	Latitude / Longitude		CB7		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 2/3		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone</small>		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	QC Status		
		Base Inclination	X = 1.2° / Y = 0.7°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

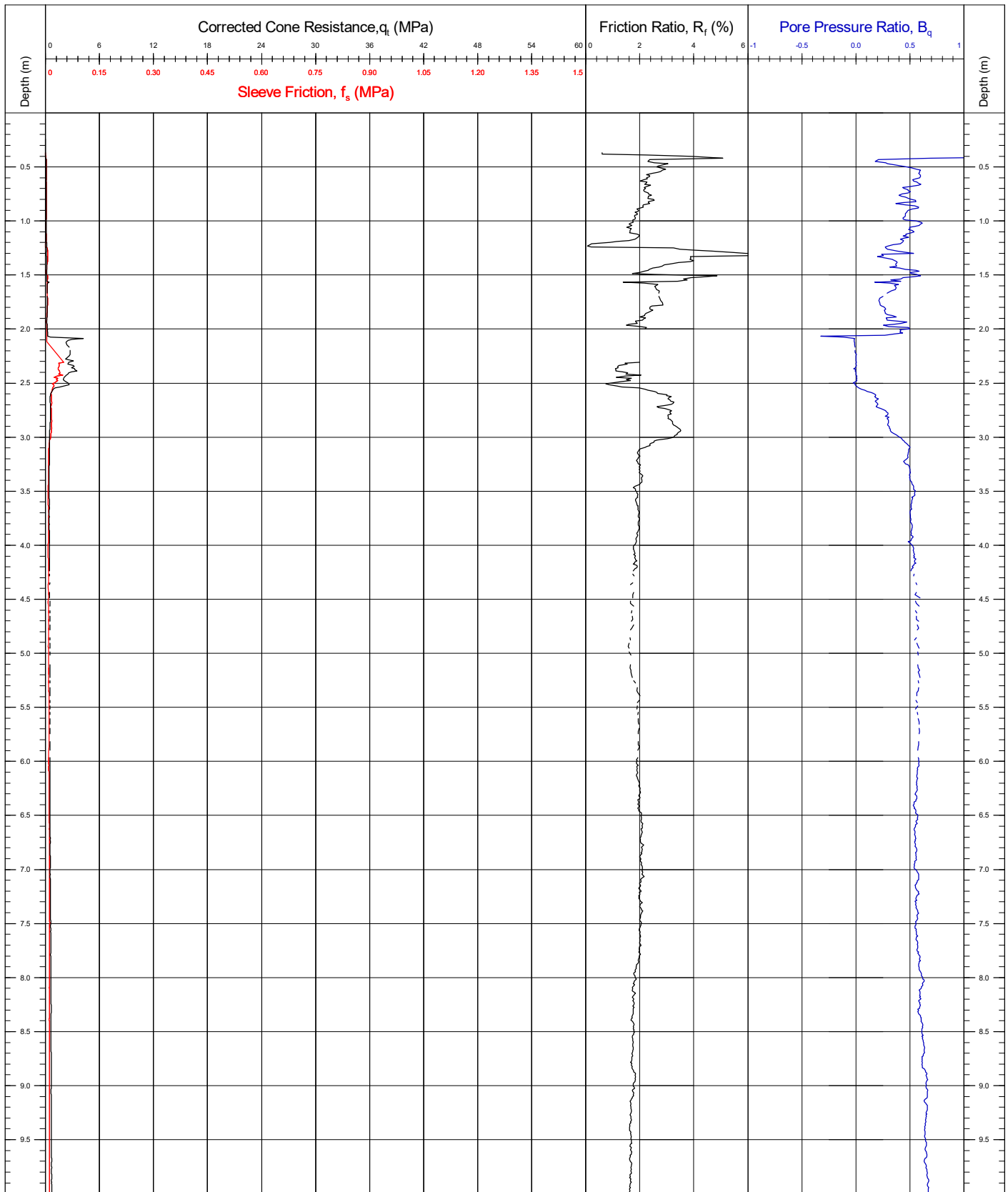


Area	Kattegat Sea	Coordinates	673538.00E 6259621.30N	CPT Number	
Contract	11596	Latitude / Longitude		CB7	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.99	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 20.89m. Test terminated due to acquisition software crashing mid test losing communication with the cone		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

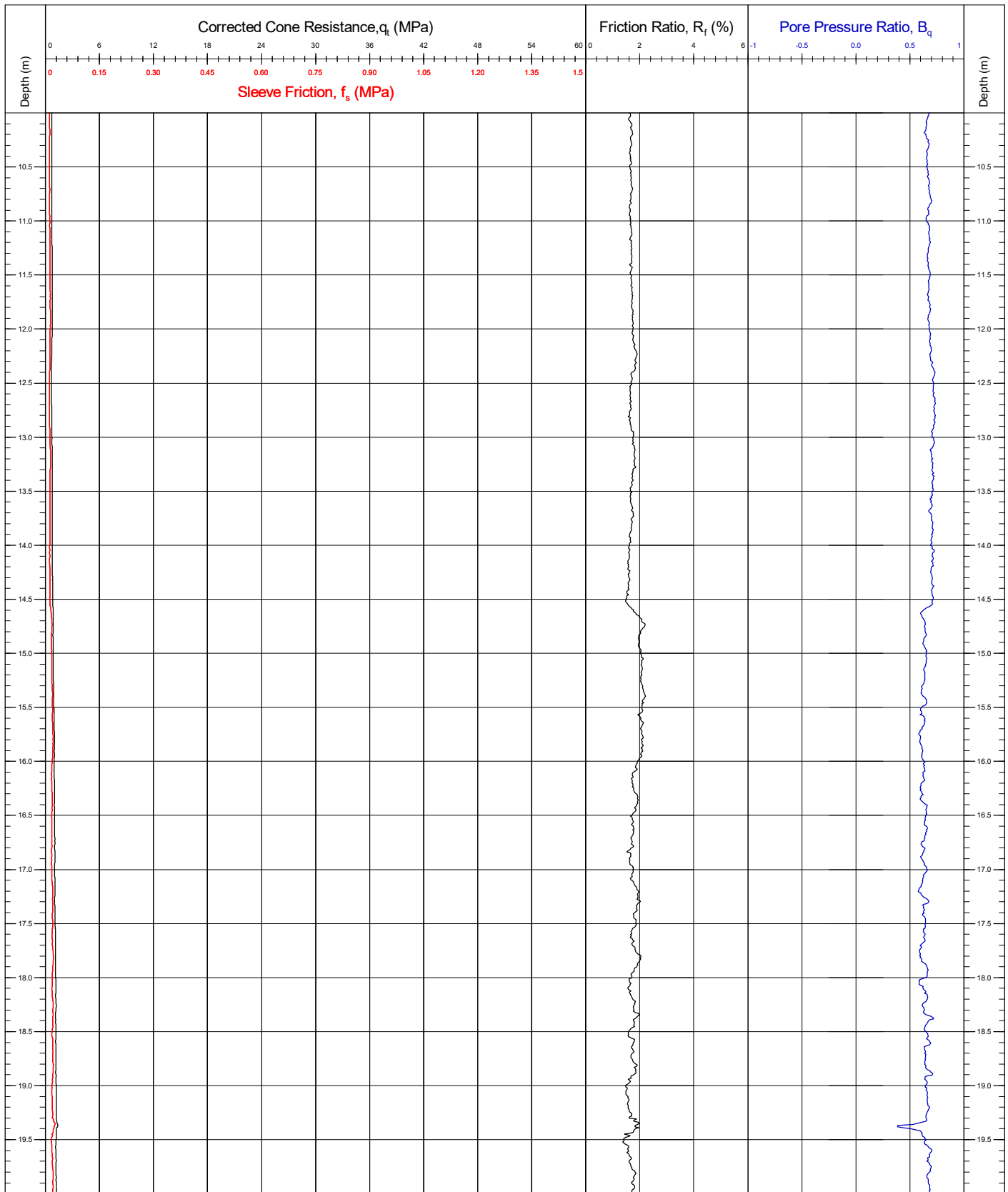


Area	Kattegat Sea	Coordinates	673538.50E 6259616.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB7a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.08	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/04/2021 to 30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73		
		Base Inclination	X = 1.2° / Y = 0.8°		
		CRS	ETRS89	Preliminary	Draft
				JK/BC (30/04/2021)	DR (10/06/2021)
					Final SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

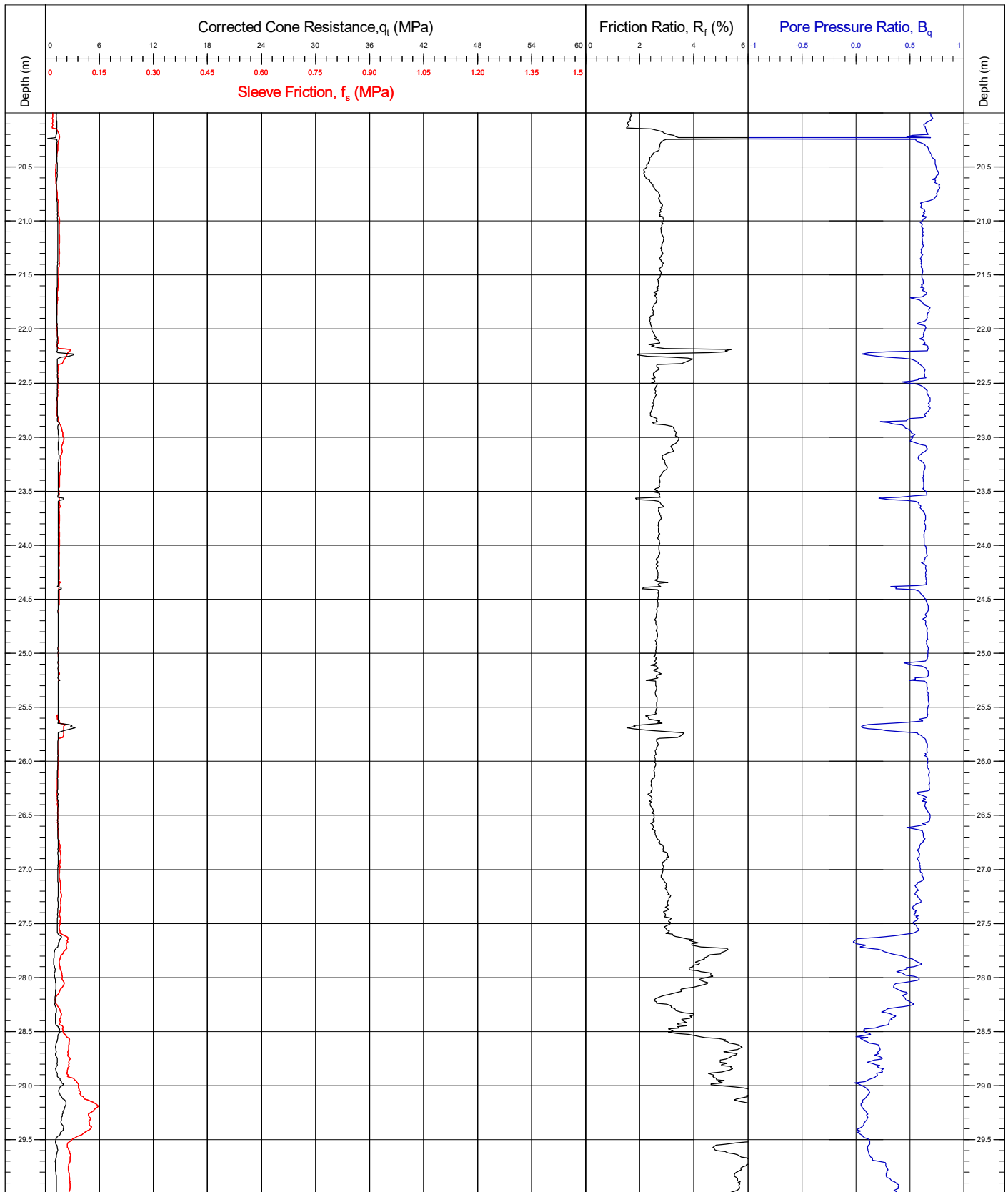


Area	Kattegat Sea	Coordinates	673538.50E 6259616.40N	CPT Number	
Contract	11596	Latitude / Longitude		CB7a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.08	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/04/2021 to 30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal		Cone No.(size)/α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC	DR
		CRS	ETRS89	(30/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

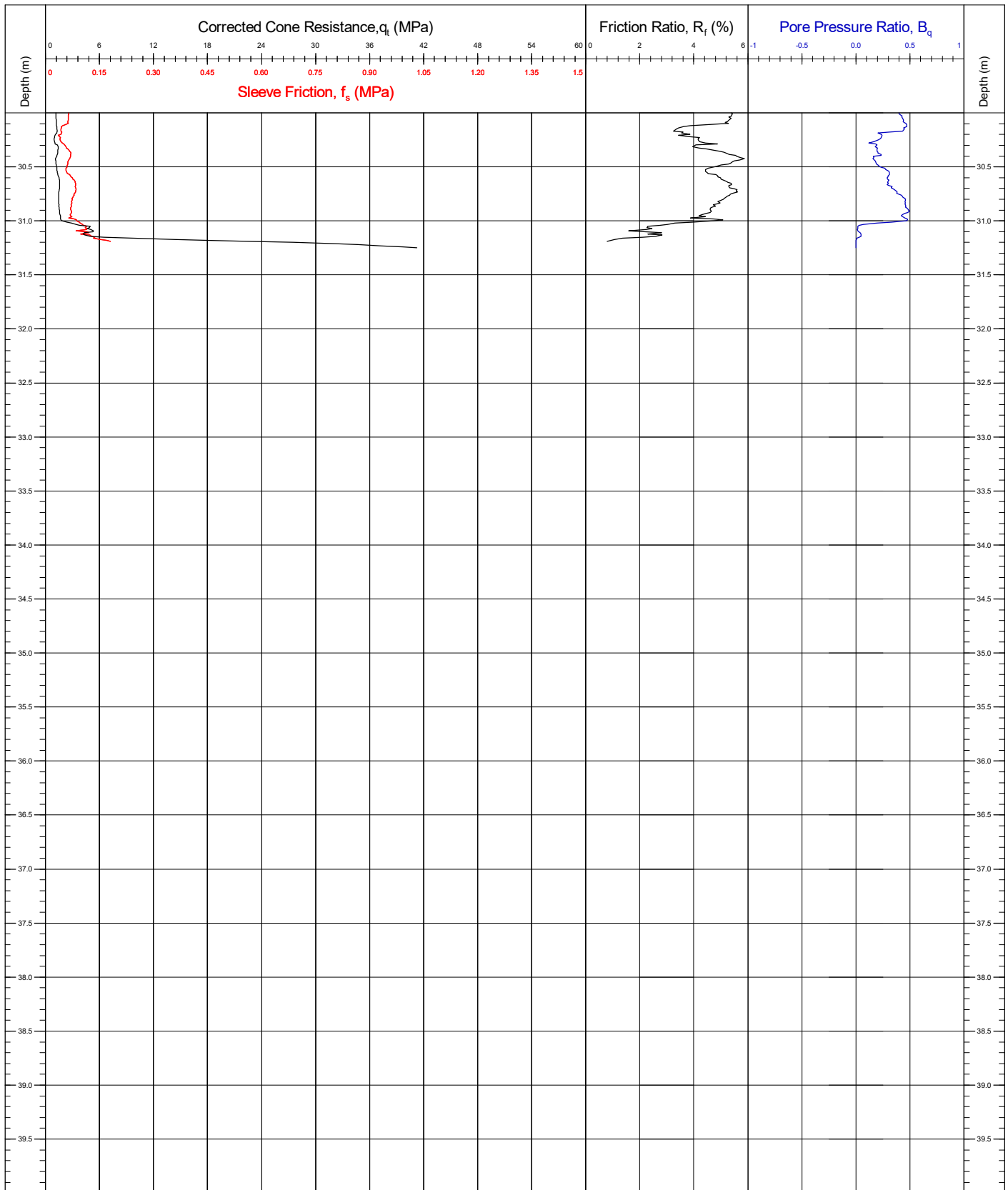


Area	Kattegat Sea	Coordinates	673538.50E 6259616.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB7a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.08			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/04/2021 to 30/04/2021	Page: 3/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal</small>		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	QC Status		
		Base Inclination	X = 1.2° / Y = 0.8°	Preliminary	Draft	Final
CRS		ETRS89		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

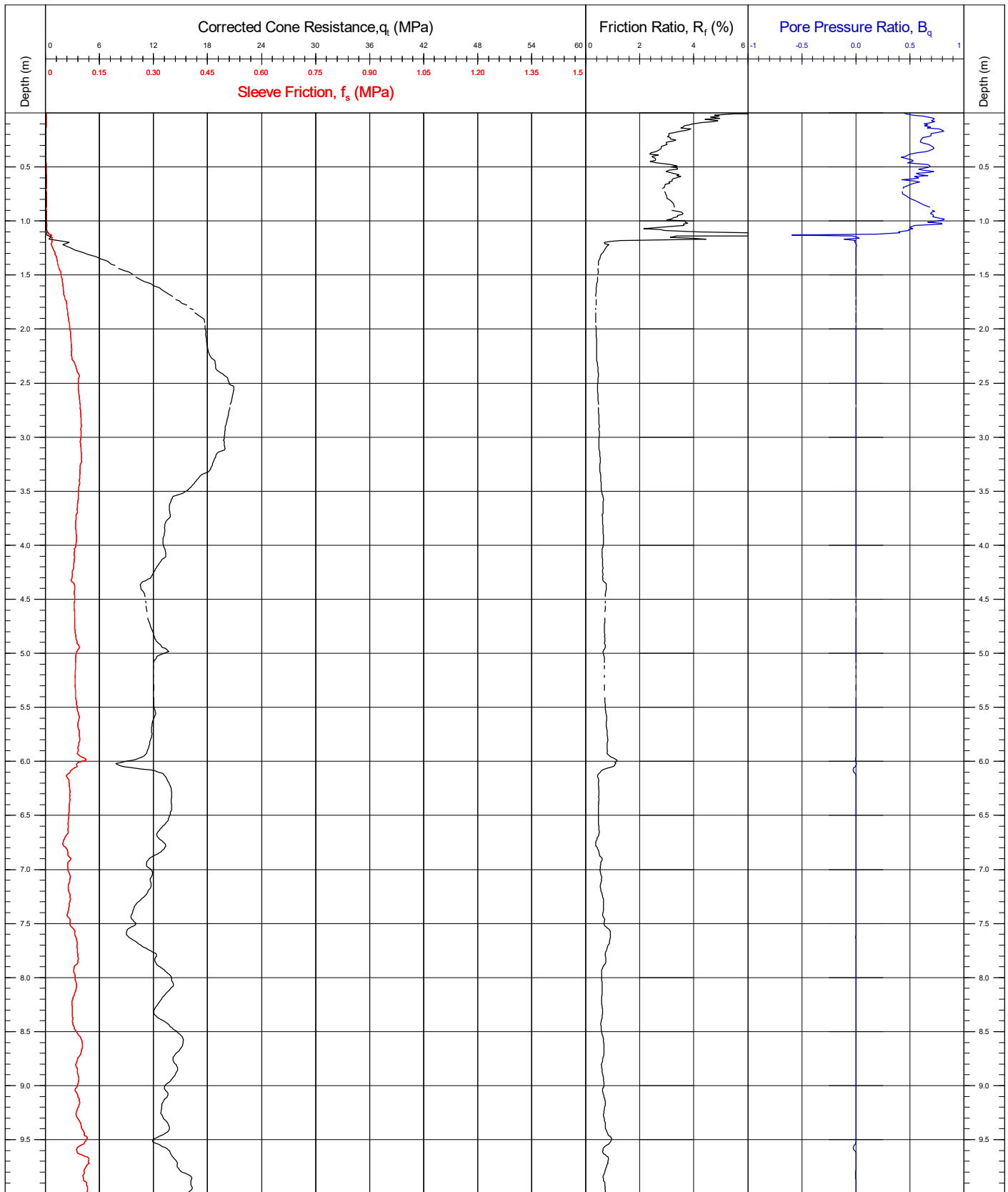


Area	Kattegat Sea	Coordinates	673538.50E 6259616.40N	CPT Number		
Contract	11596	Latitude / Longitude		CB7a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.08	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	29/04/2021 to 30/04/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Bumpover location. Final depth 31.03m. Dissipation tests performed at 20m and 30m. Test terminated due to sleeve friction refusal		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final		
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC	DR	SMc
		CRS	ETRS89	(30/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

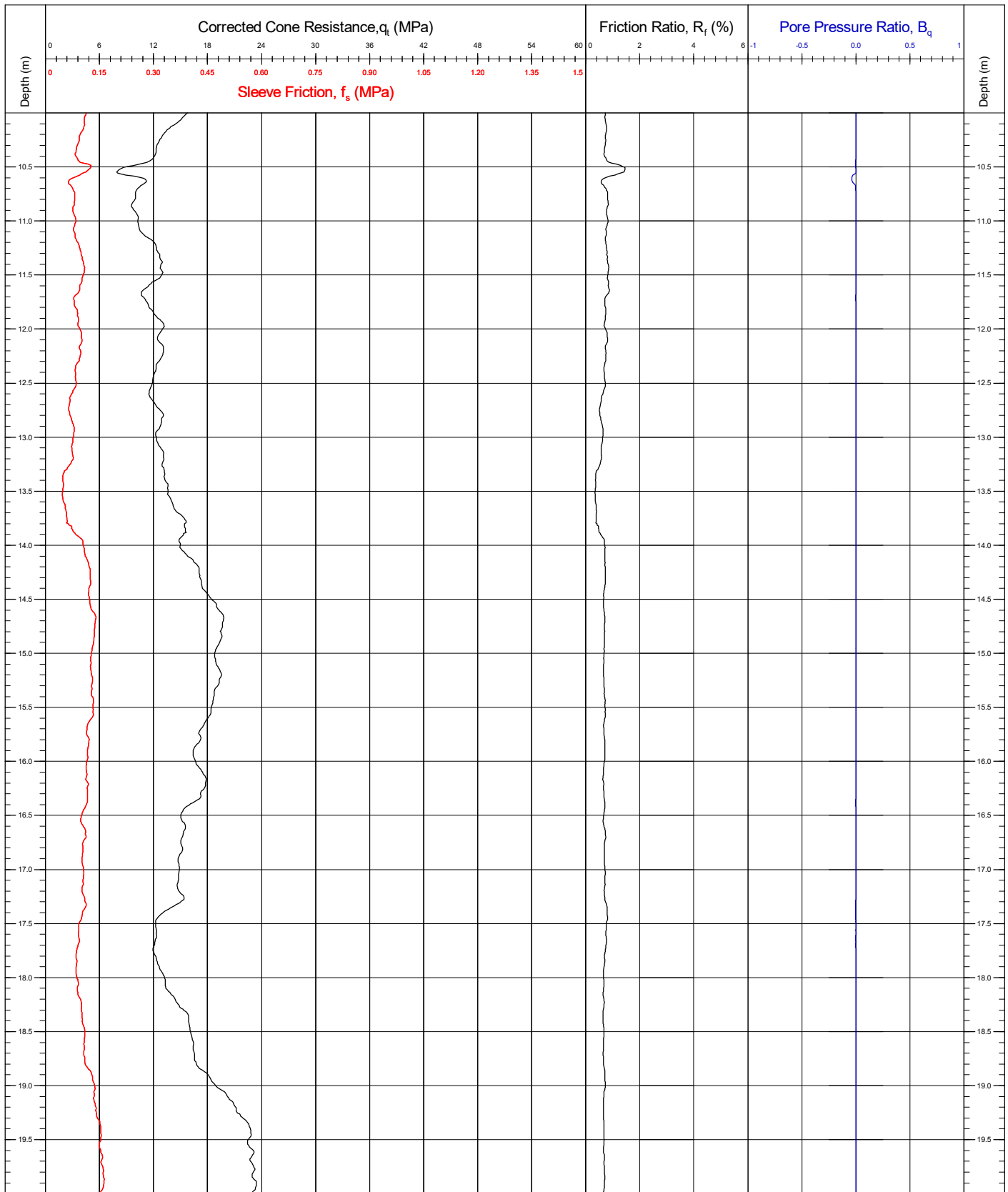


Area	Kattegat Sea	Coordinates	679824.30E 6248908.70N	CPT Number			
Contract	11596	Latitude / Longitude		CB8			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.69				
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 1/3			
Comments: Cone Class1. Continuous seabed CPT. Final depth 24.61m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.				QC Status			
				Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary	Draft
Base Inclination				X = 0.1° / Y = 0.0°	JK/BC	DR	SMc
CRS ETRS89					(27/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

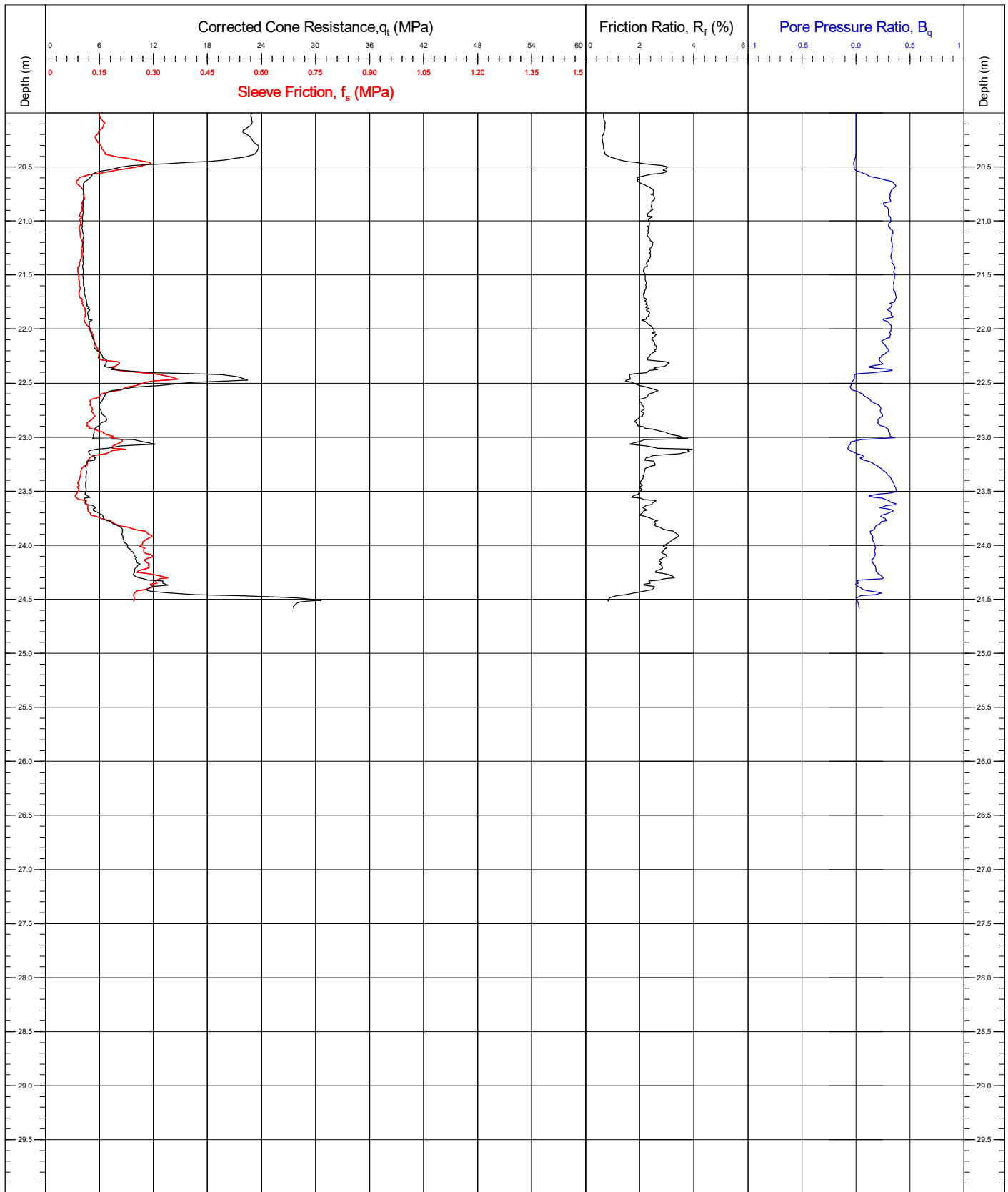


Area	Kattegat Sea	Coordinates	679824.30E	6248908.70N	CPT Number			
Contract	11596	Latitude / Longitude			CB8			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.69		Page: 2/3			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		QC Status			
<small>Comments: Cone Class1. Continuous seabed CPT. Final depth 24.61m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary			
		Base Inclination	X = 0.1° / Y = 0.0°		Draft			
		CRS	ETRS89		Final			
					<table style="width: 100%; border: none;"> <tr> <td style="border: none;">JK/BC <small>(27/04/2021)</small></td> <td style="border: none;">DR <small>(10/06/2021)</small></td> <td style="border: none;">SMc <small>(10/11/2021)</small></td> </tr> </table>	JK/BC <small>(27/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
JK/BC <small>(27/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>						



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

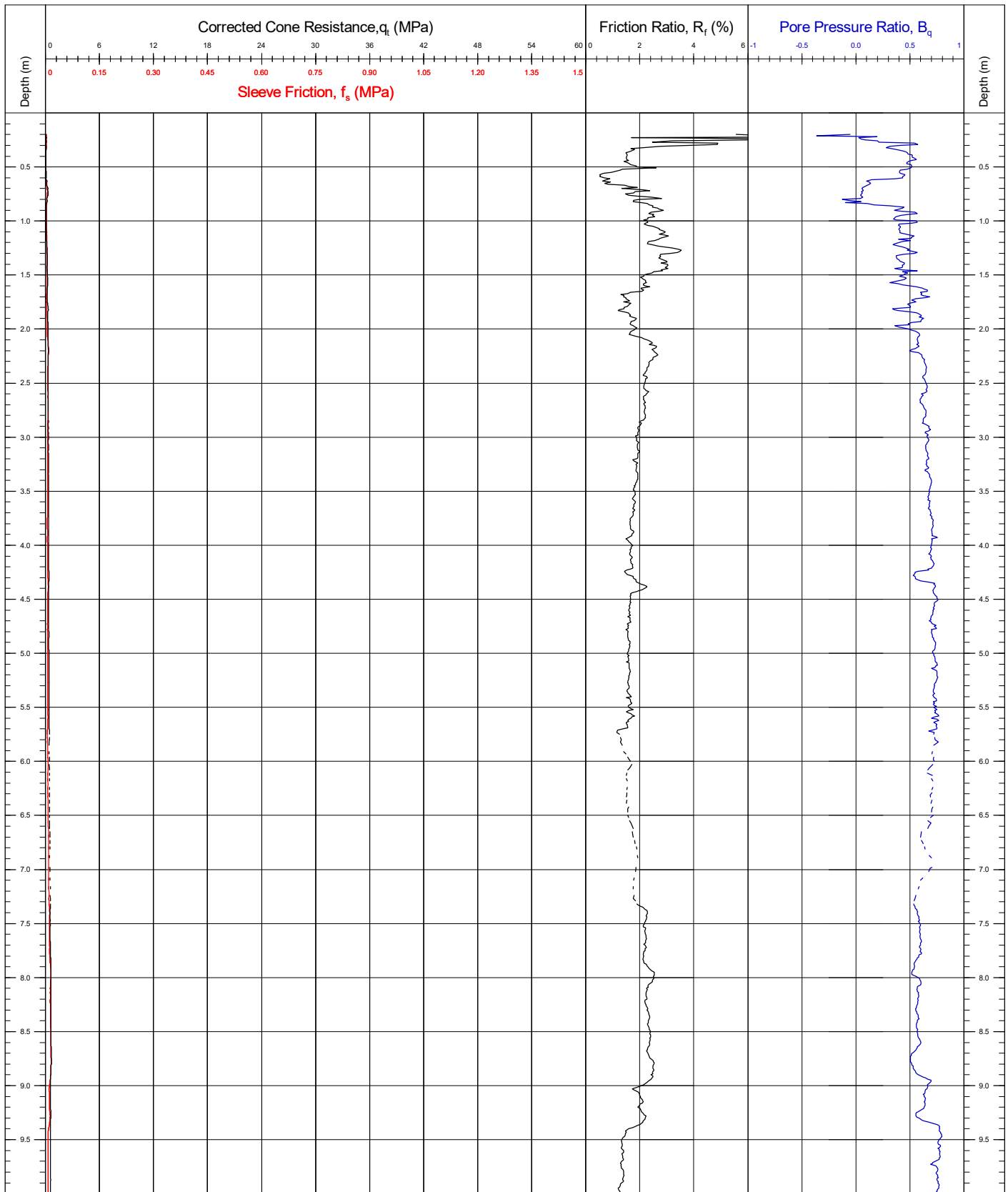


Area	Kattegat Sea	Coordinates	679824.30E 6248908.70N	CPT Number	
Contract	11596	Latitude / Longitude		CB8	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.69	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status	
Comments: Cone Class1. Continuous seabed CPT. Final depth 24.61m. Test was terminated at operators discretion due to an increase in cone inclination to prevent damage to equipment.		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 0.1° / Y = 0.0°	JK/BC DR SMc	
		CRS	ETRS89	(27/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

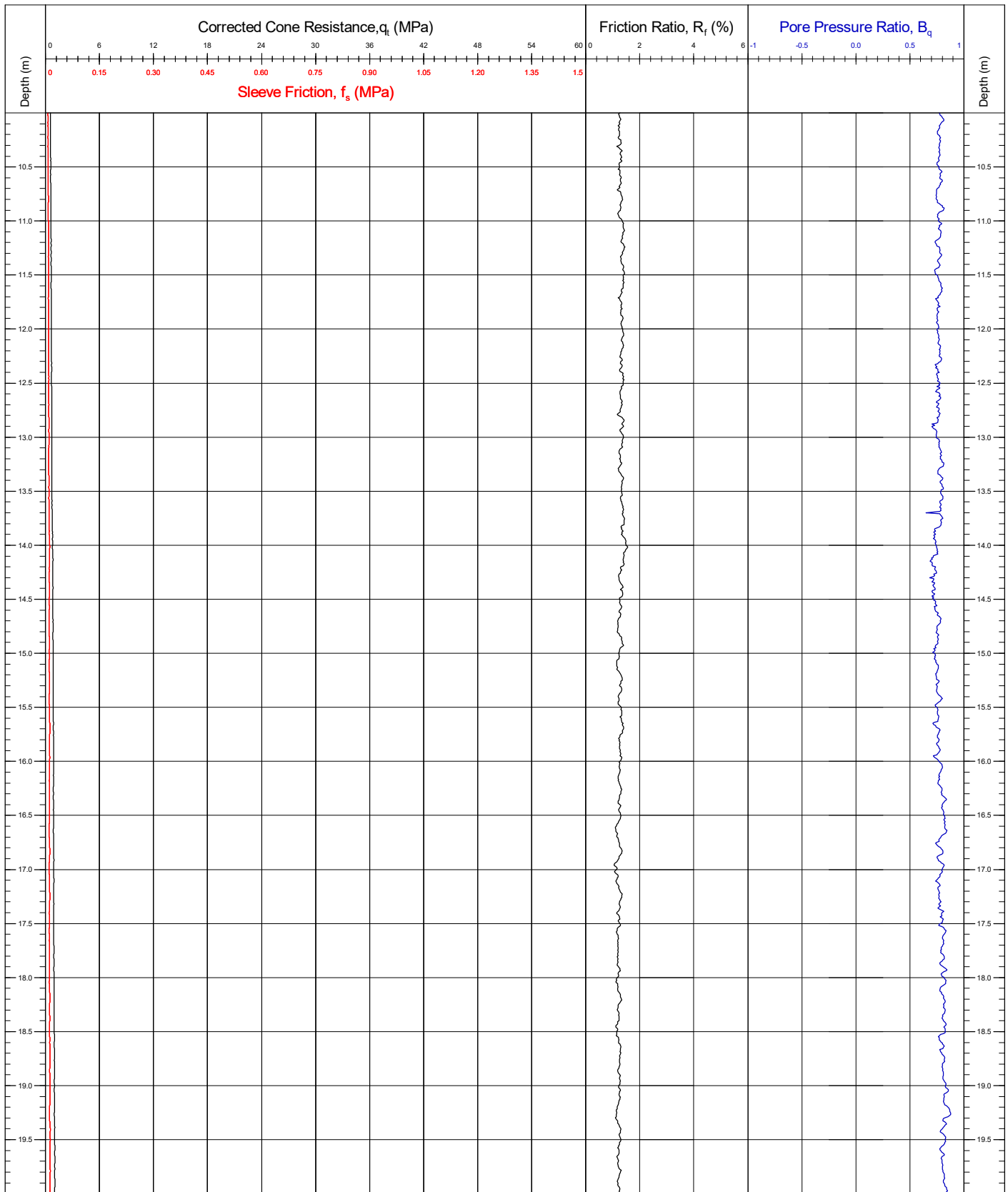


Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB9		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93	Page: 1/5		
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82			
		Base Inclination	X = 1.1° / Y = 0.9°			
		CRS	ETRS89	Preliminary	Draft	Final
				JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

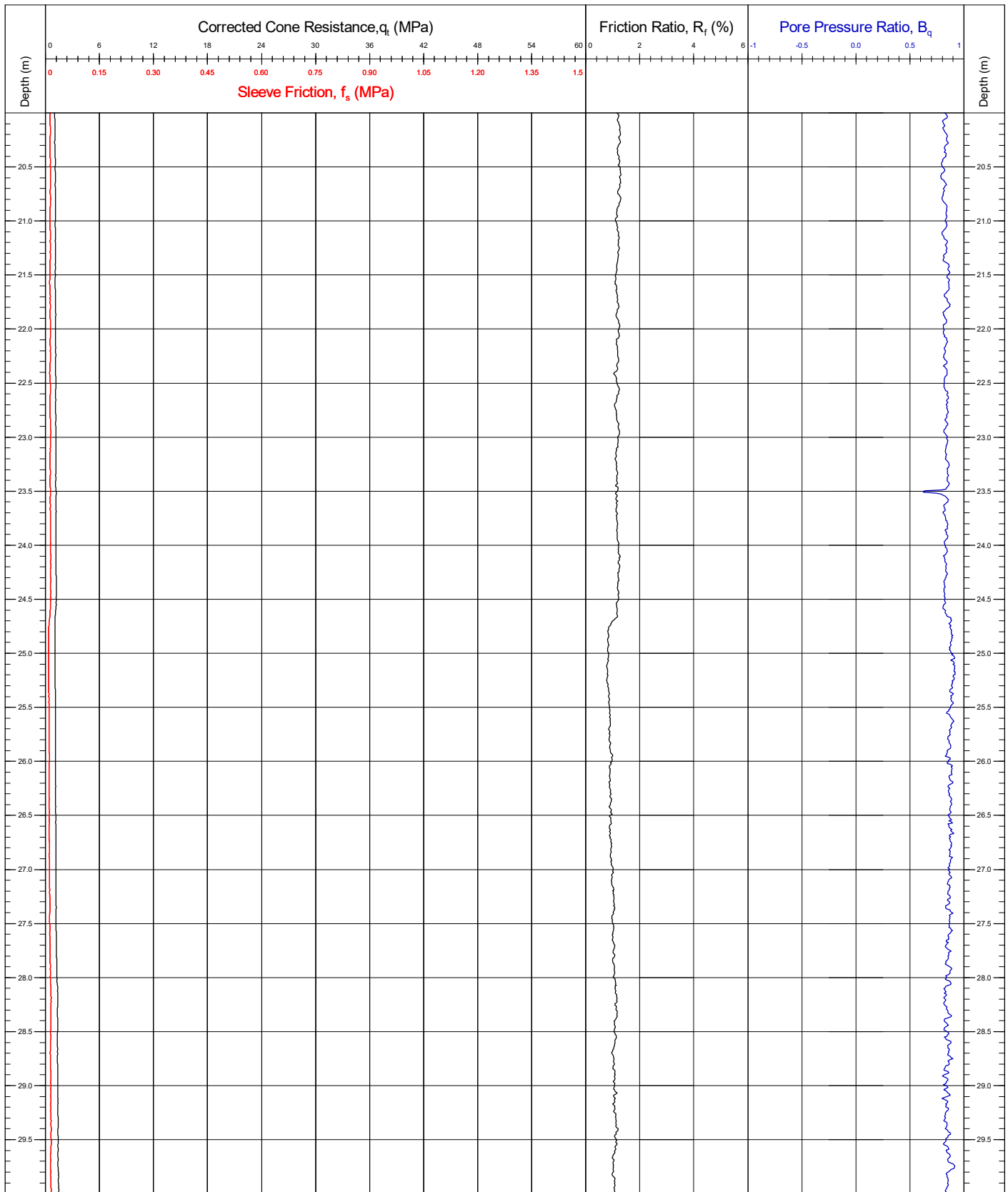


Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number	
Contract	11596	Latitude / Longitude		CB9	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93	Page: 2/5	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(02/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

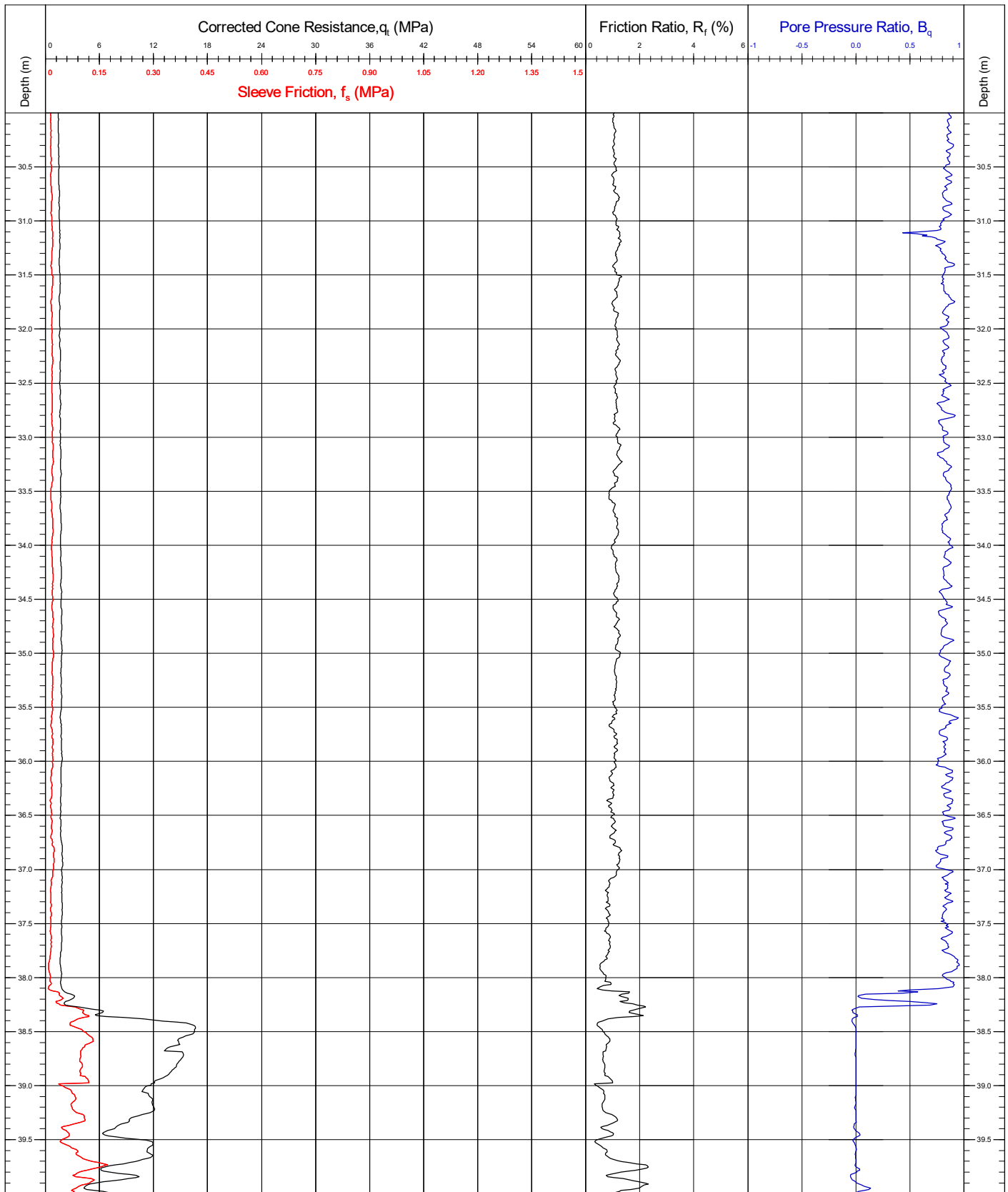


Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number	
Contract	11596	Latitude / Longitude		CB9	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93	Page: 3/5	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(02/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

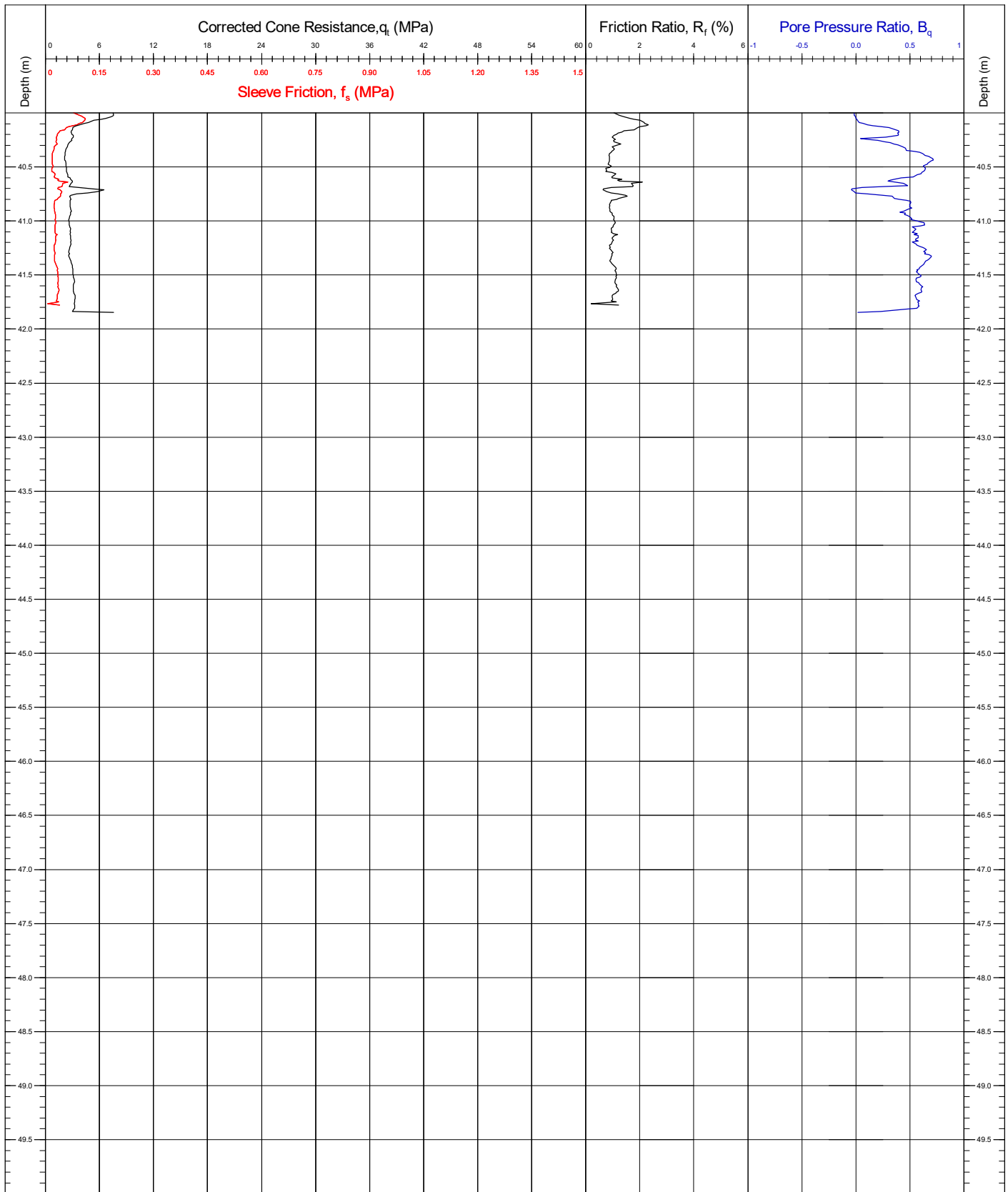
IN SITU CPTU TESTING - DERIVED PARAMETERS



Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB9		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93	Page: 4/5		
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82			
		Base Inclination	X = 1.1° / Y = 0.9°			
		CRS	ETRS89			
				Preliminary	Draft	Final
				JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF
IN SITU CPTU TESTING - DERIVED PARAMETERS

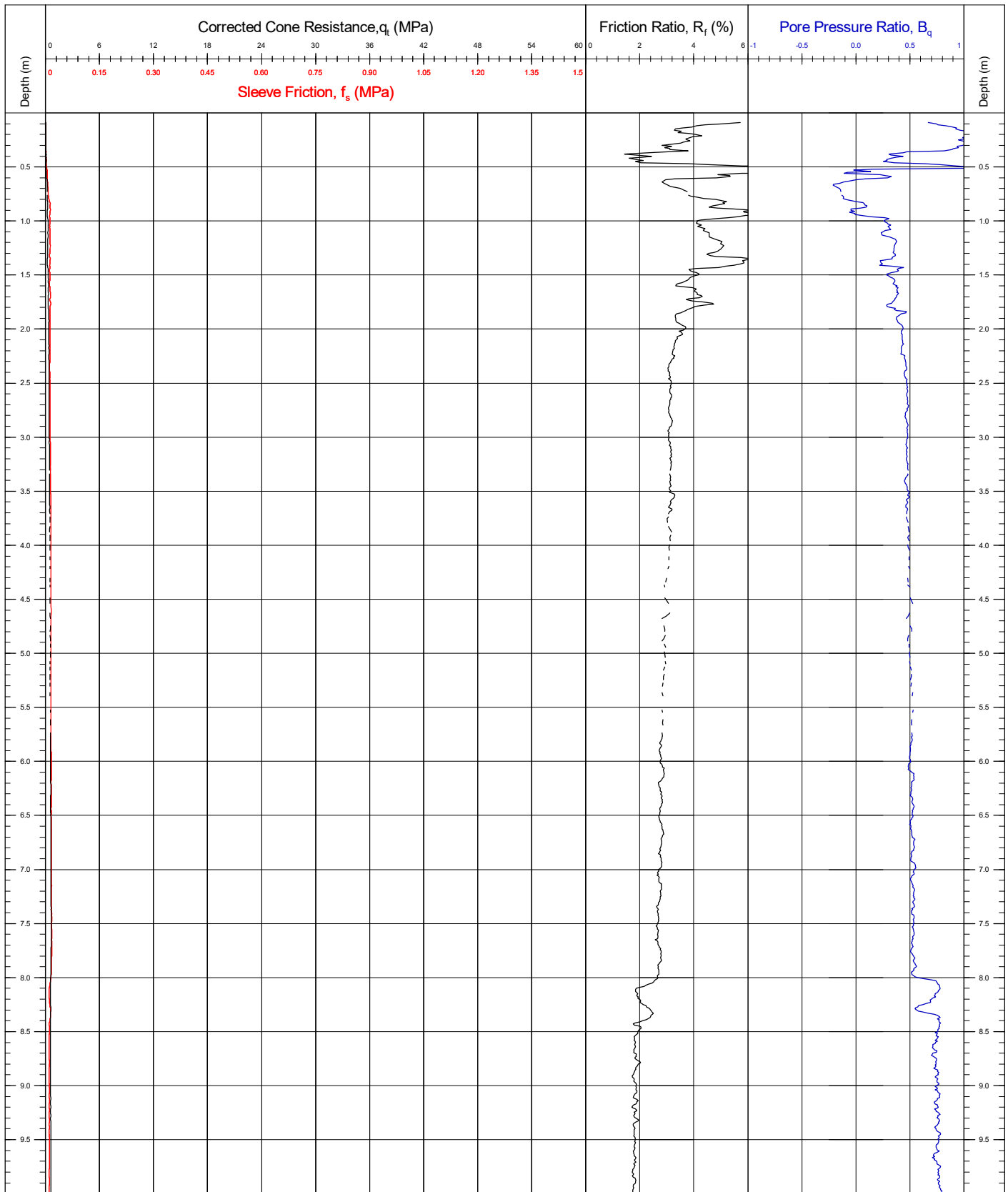


Area	Kattegat Sea	Coordinates	677390.60E 6276209.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB9		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.93			
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 5/5		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 41.67. Test terminated due to increasing cone inclination of 3 degrees within a metre</small>		Cone No.(size)/α Factor	130909 (10cm²) / 0.82	QC Status		
		Base Inclination	X = 1.1° / Y = 0.9°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC <small>(02/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

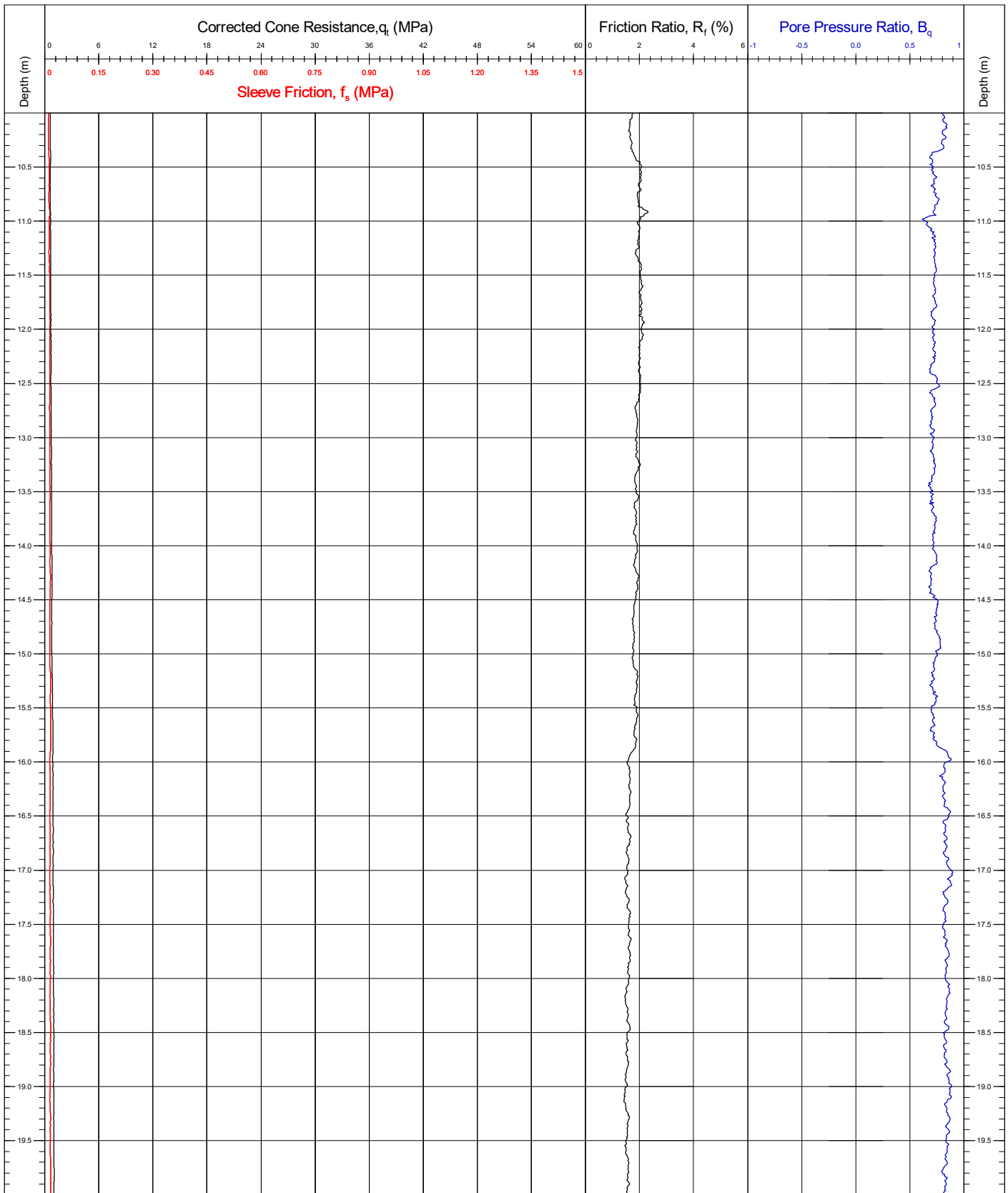


Area	Kattegat Sea	Coordinates	678760.10E 6261514.80N	CPT Number	
Contract	11596	Latitude / Longitude		CB10	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.04	Page: 1/3	
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status	
Comments: Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 0.1° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(26/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

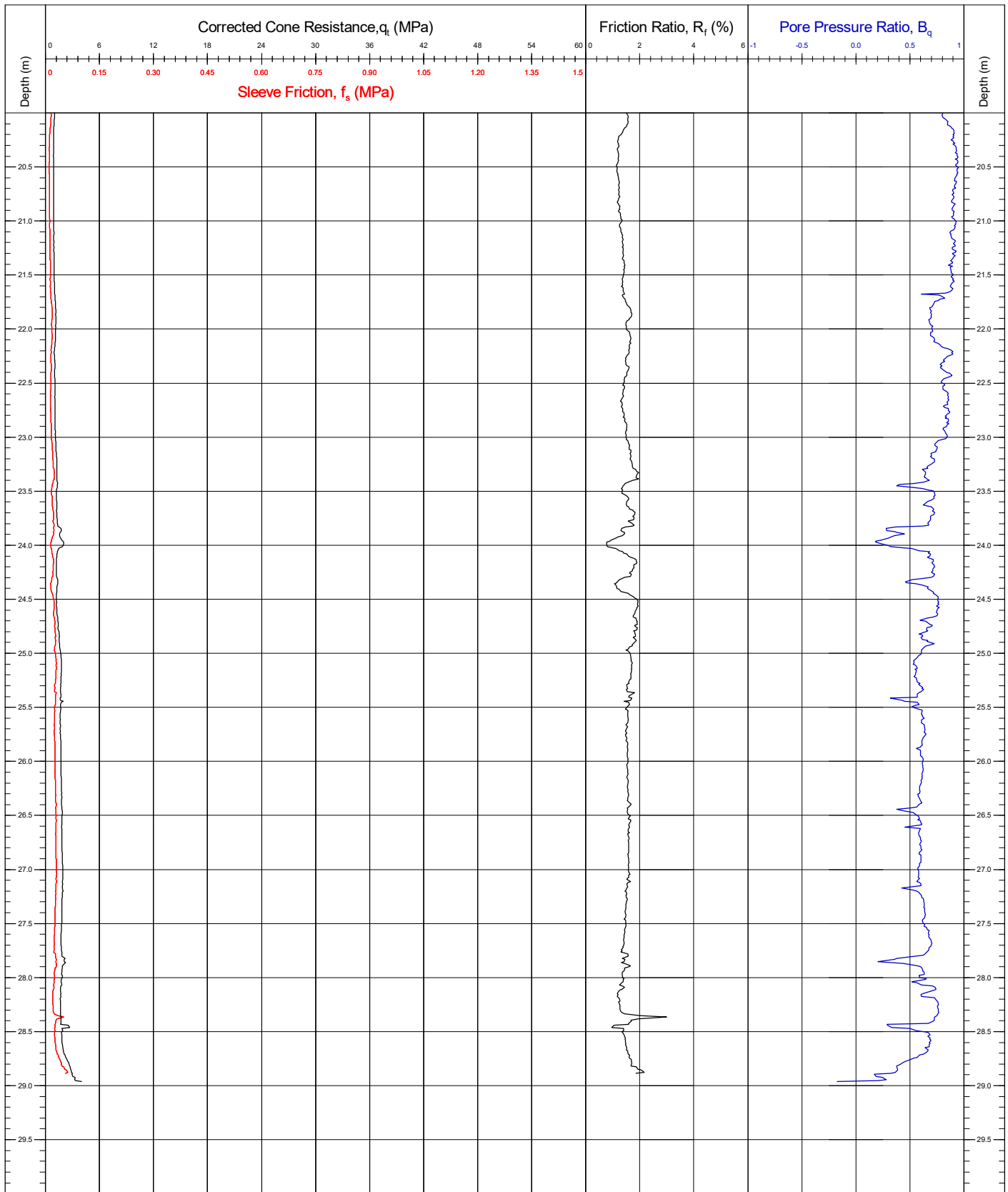


Area	Kattegat Sea	Coordinates	678760.10E	6261514.80N	CPT Number		
Contract	11596	Latitude / Longitude			CB10		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.04				
Vessel	MV Ocean Vantage	Date of Test	26/04/2021		Page: 2/3		
Comments: Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81		QC Status		
		Base Inclination	X = 0.1° / Y = 0.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

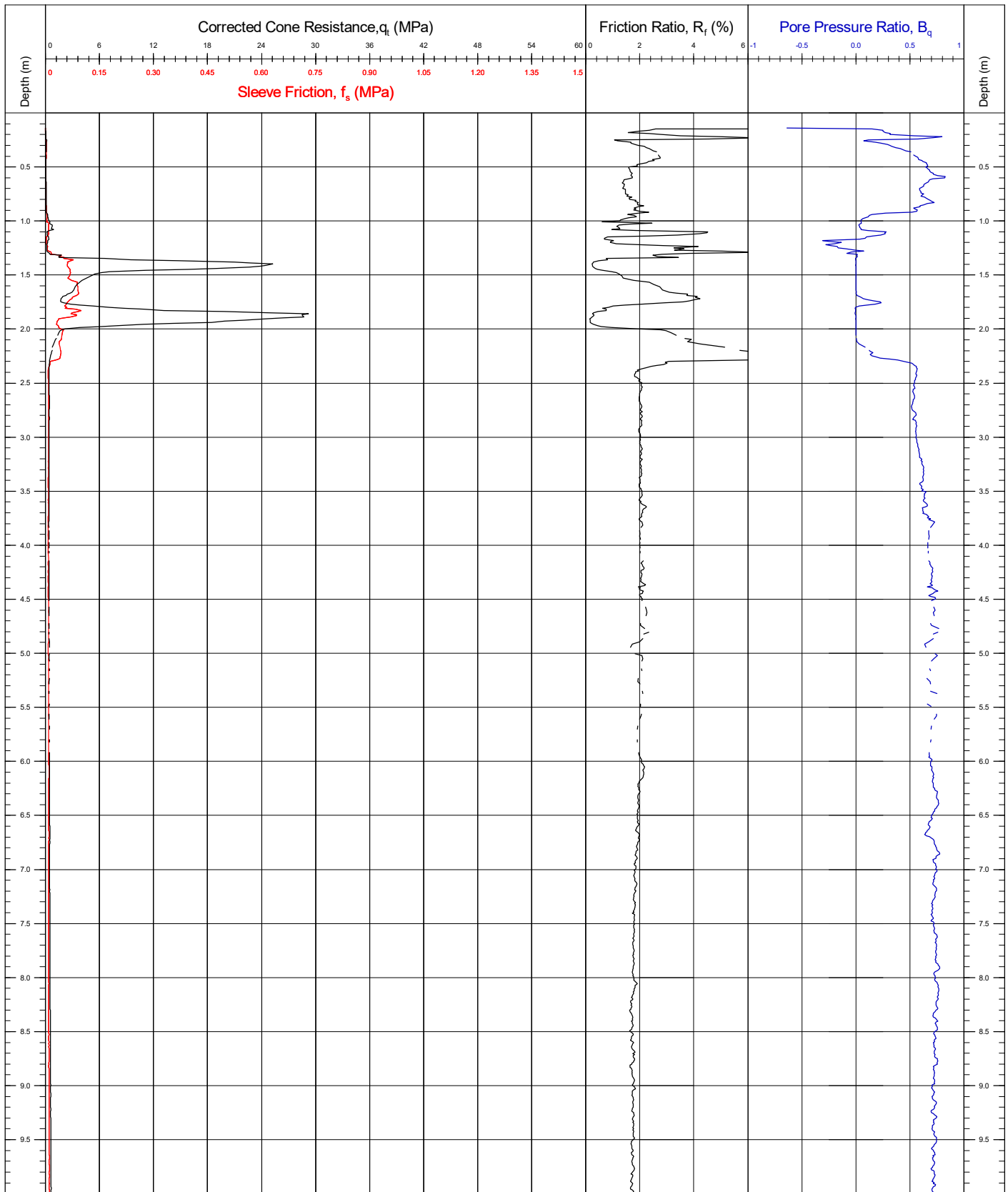


Area	Kattegat Sea	Coordinates	678760.10E 6261514.80N	CPT Number		
Contract	11596	Latitude / Longitude		CB10		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.04			
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	Page: 3/3		
<small>Comments: Cone Class1. Continuous seabed CPT. Final depth 28.90m. Test was terminated at operators discretion to avoid damage to equipment due to lack of lateral rod support from mudline</small>				QC Status		
				Cone No.(size)/ α Factor 120910 (10cm ²) / 0.81		
Base Inclination				X = 0.1° / Y = 0.0°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

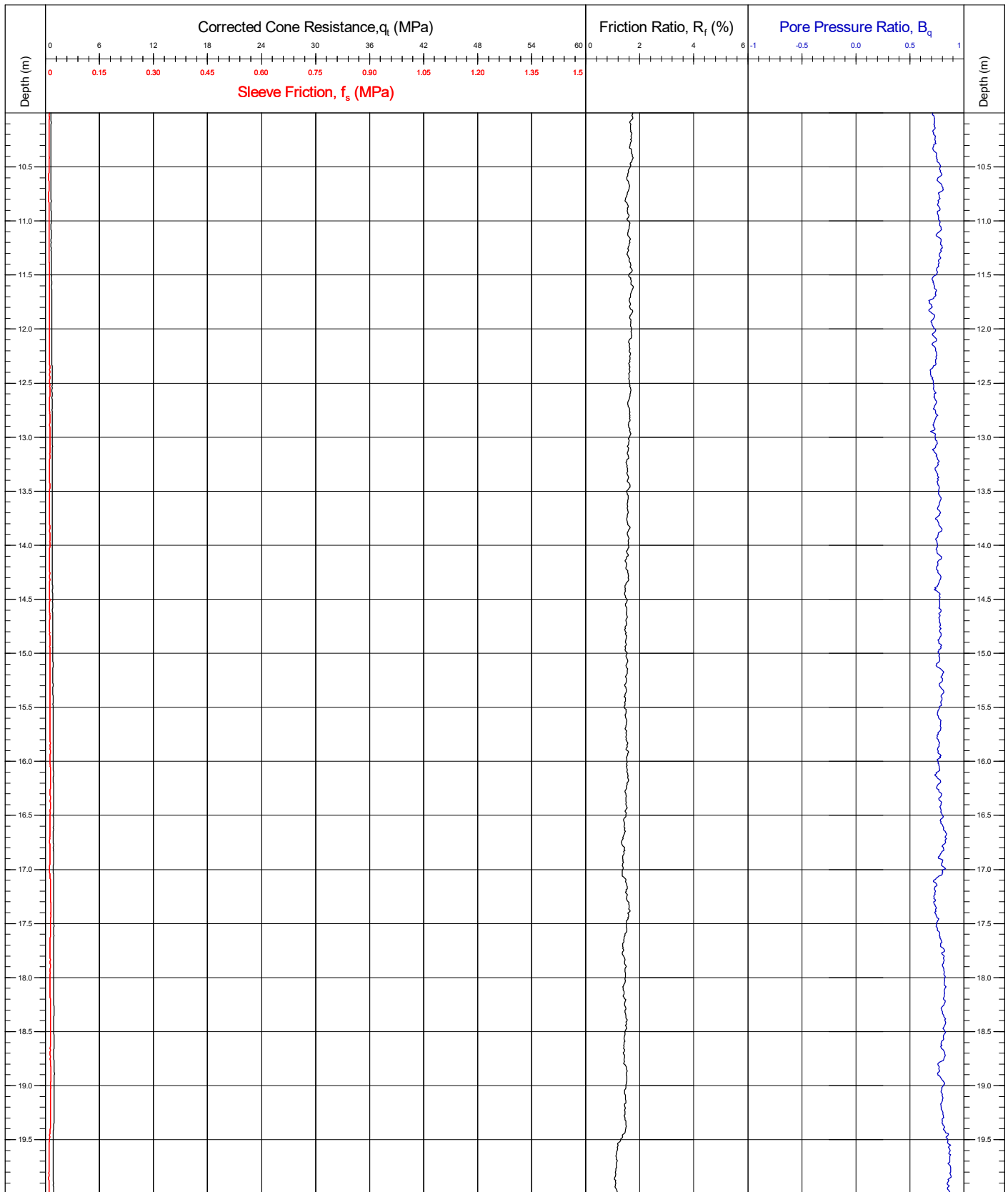


Area	Kattegat Sea	Coordinates	678372.40E	6256256.90N	CPT Number
Contract	11596	Latitude / Longitude			CB11
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.40		Page: 1/3
Vessel	MV Ocean Vantage	Date of Test	26/04/2021		QC Status
Comments: Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
			JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

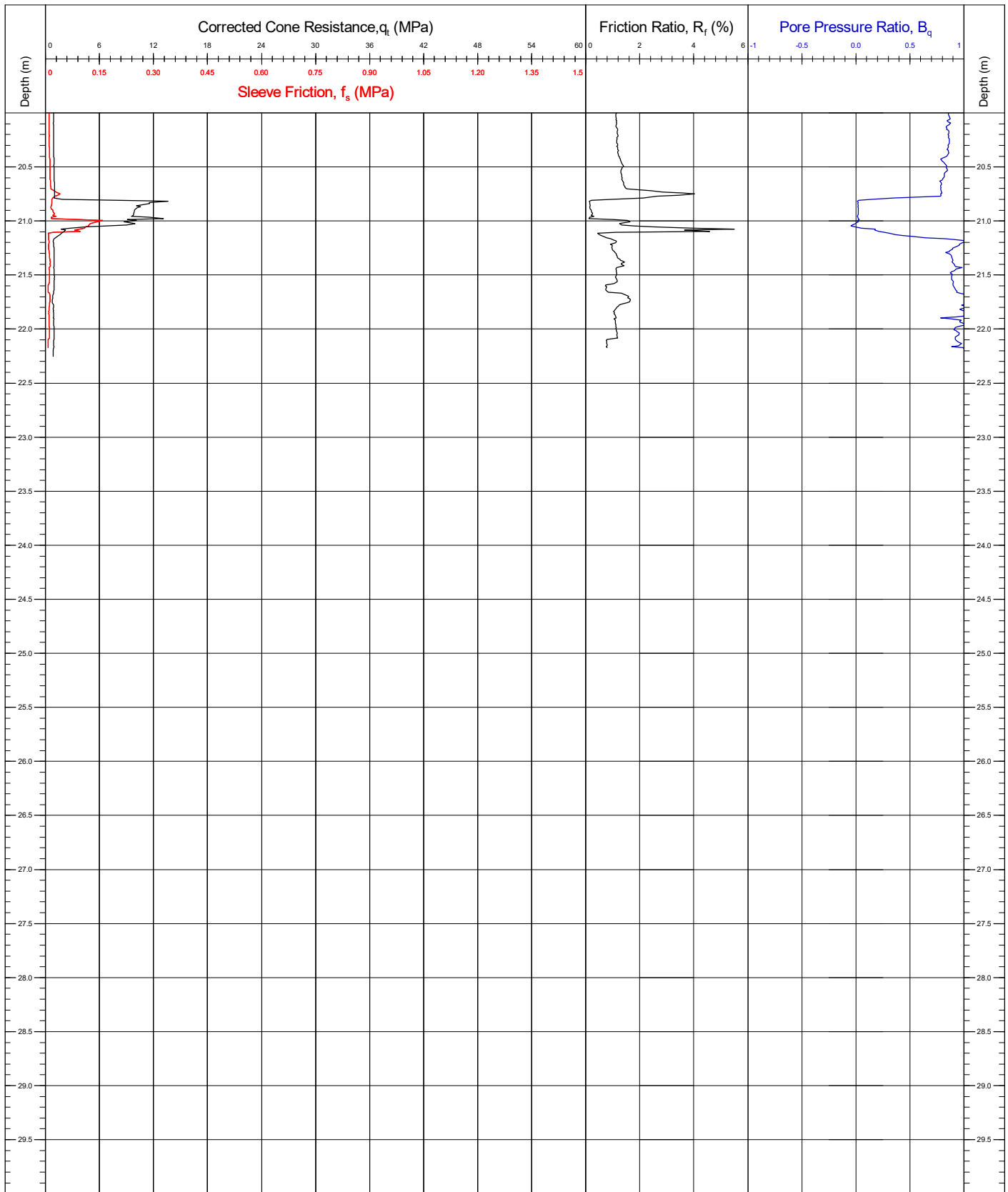


Area	Kattegat Sea	Coordinates	678372.40E 6256256.90N	CPT Number		
Contract	11596	Latitude / Longitude		CB11		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.40	Page: 2/3		
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status		
<small>Comments: Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination</small>				Cone No.(size)/ α Factor		
				120829 (10cm ²) / 0.8		
Base Inclination				X = 0.0° / Y = 0.0°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

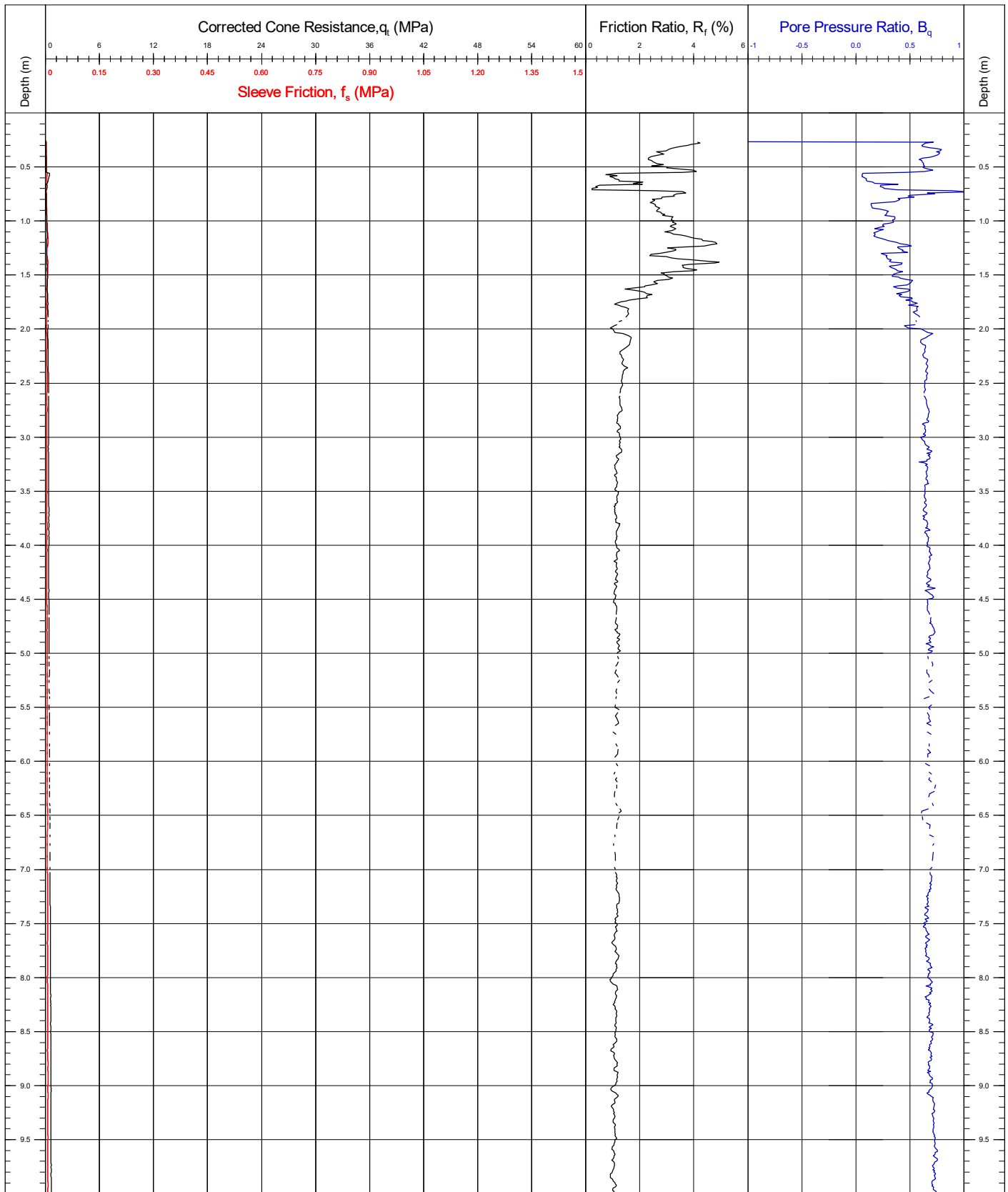


Area	Kattegat Sea	Coordinates	678372.40E	6256256.90N	CPT Number		
Contract	11596	Latitude / Longitude			CB11		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.40				
Vessel	MV Ocean Vantage	Date of Test	26/04/2021		Page: 3/3		
<small>Comments: Cone class 3. Continuous seabed CPT. Final depth 22.14m. Test terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone inclination</small>		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8		QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

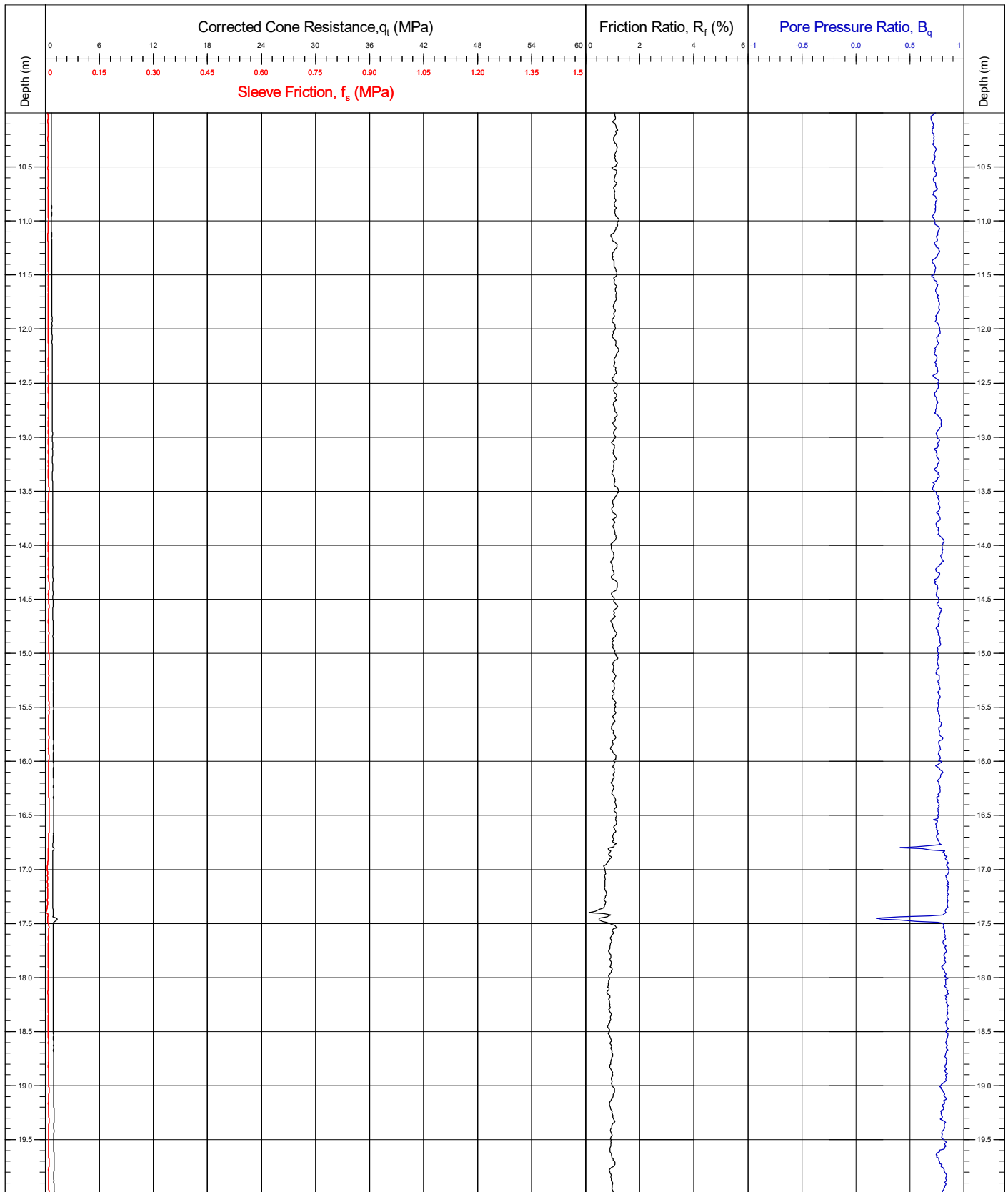


Area	Kattegat Sea	Coordinates	677450.30E 6270633.50N	CPT Number	
Contract	11596	Latitude / Longitude		CB12	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.79	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.9°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

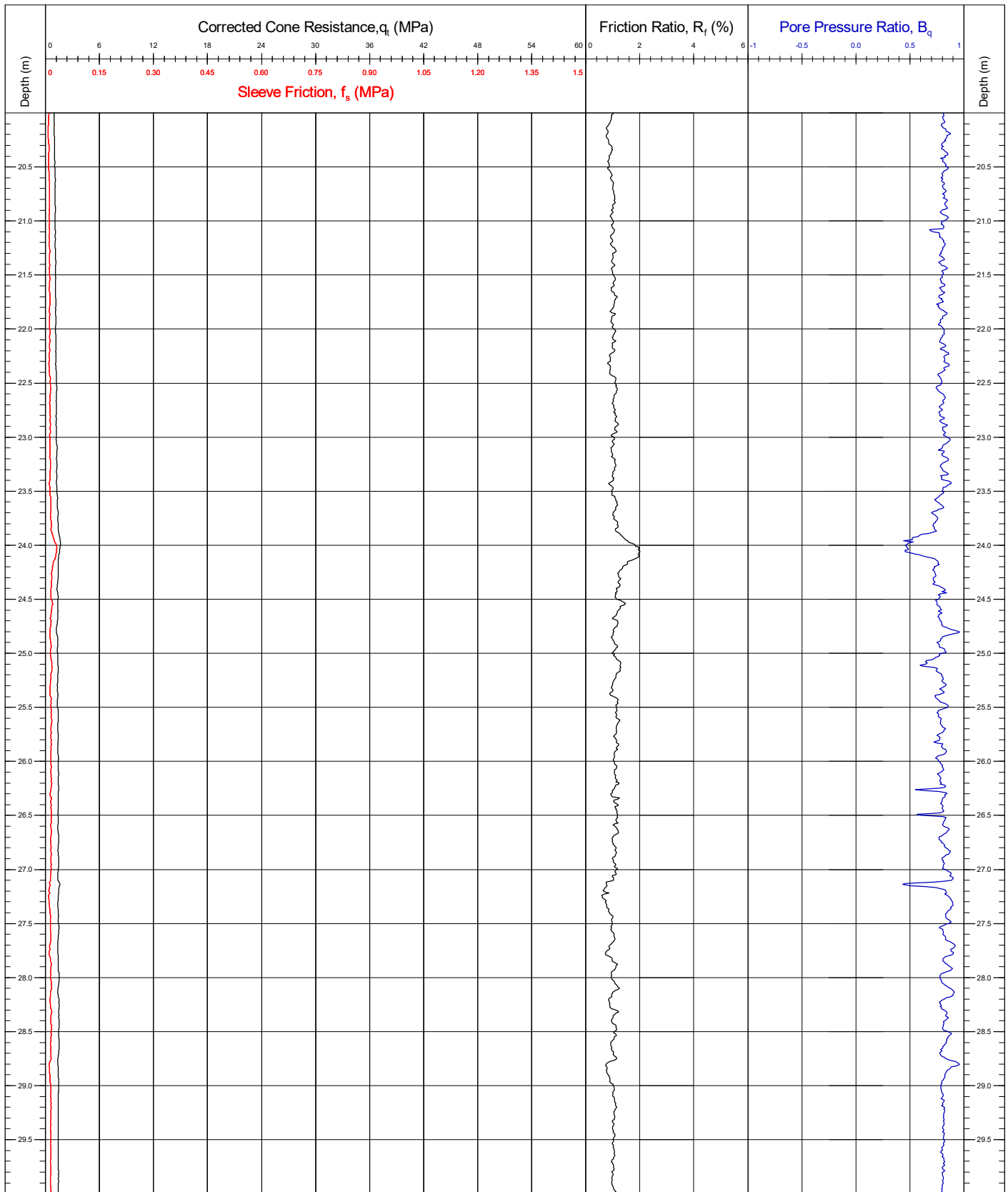


Area	Kattegat Sea	Coordinates	677450.30E 6270633.50N	CPT Number								
Contract	11596	Latitude / Longitude		CB12								
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.79	Page: 2/4								
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status								
Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC (01/05/2021)</td> <td style="text-align: center;">DR (10/06/2021)</td> <td style="text-align: center;">SMc (10/11/2021)</td> </tr> </table>			Preliminary	Draft	Final	JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
		Preliminary	Draft				Final					
		JK/BC (01/05/2021)	DR (10/06/2021)				SMc (10/11/2021)					
Base Inclination	X = 1.2° / Y = 0.9°											
CRS	ETRS89											



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

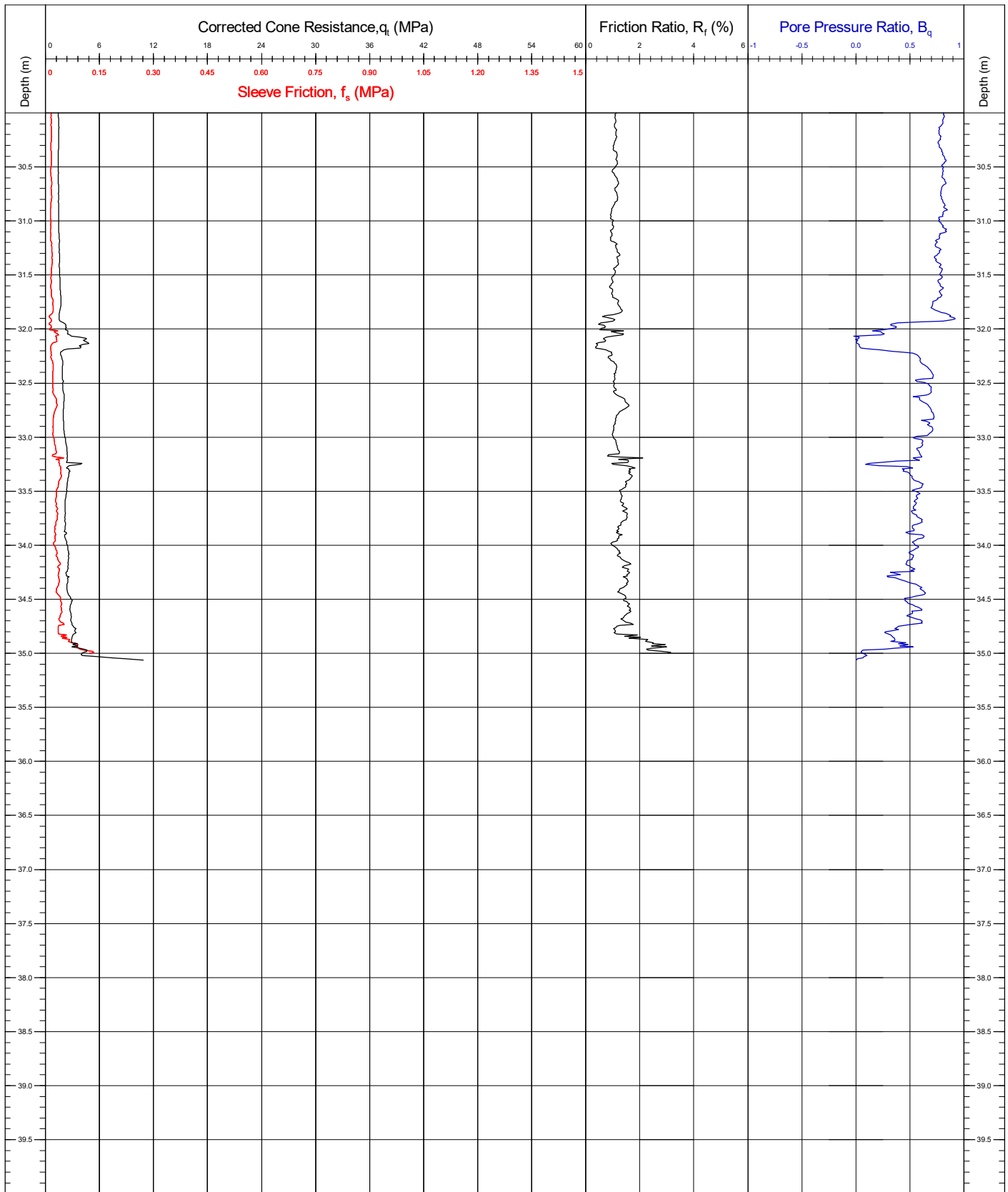


Area	Kattegat Sea	Coordinates	677450.30E 6270633.50N	CPT Number	
Contract	11596	Latitude / Longitude		CB12	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.79	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.9°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

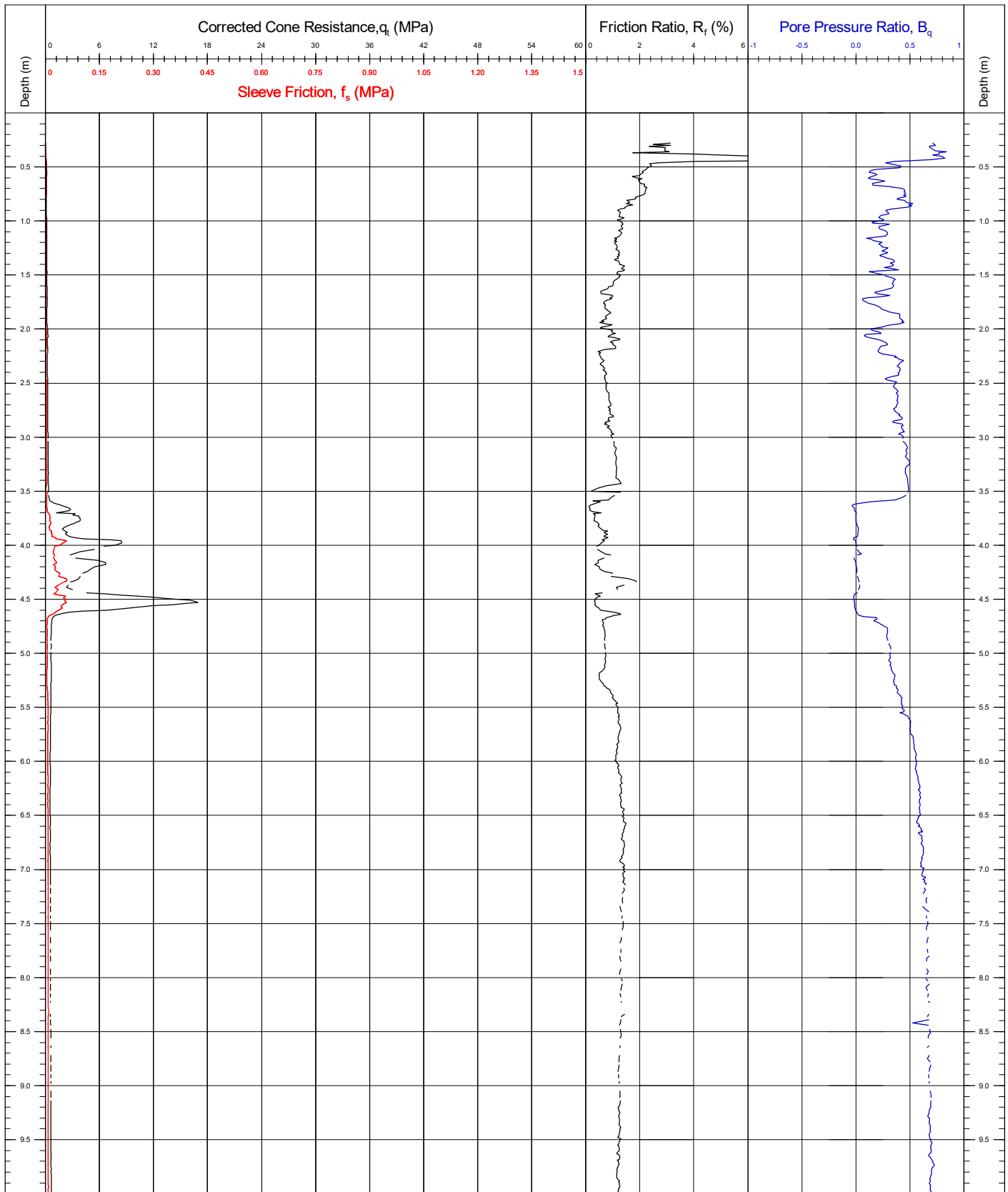


Area	Kattegat Sea	Coordinates	677450.30E 6270633.50N	CPT Number	
Contract	11596	Latitude / Longitude		CB12	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.79	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 34.82m. Test terminated at operators discretion due to high risk of rod bend		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.9°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

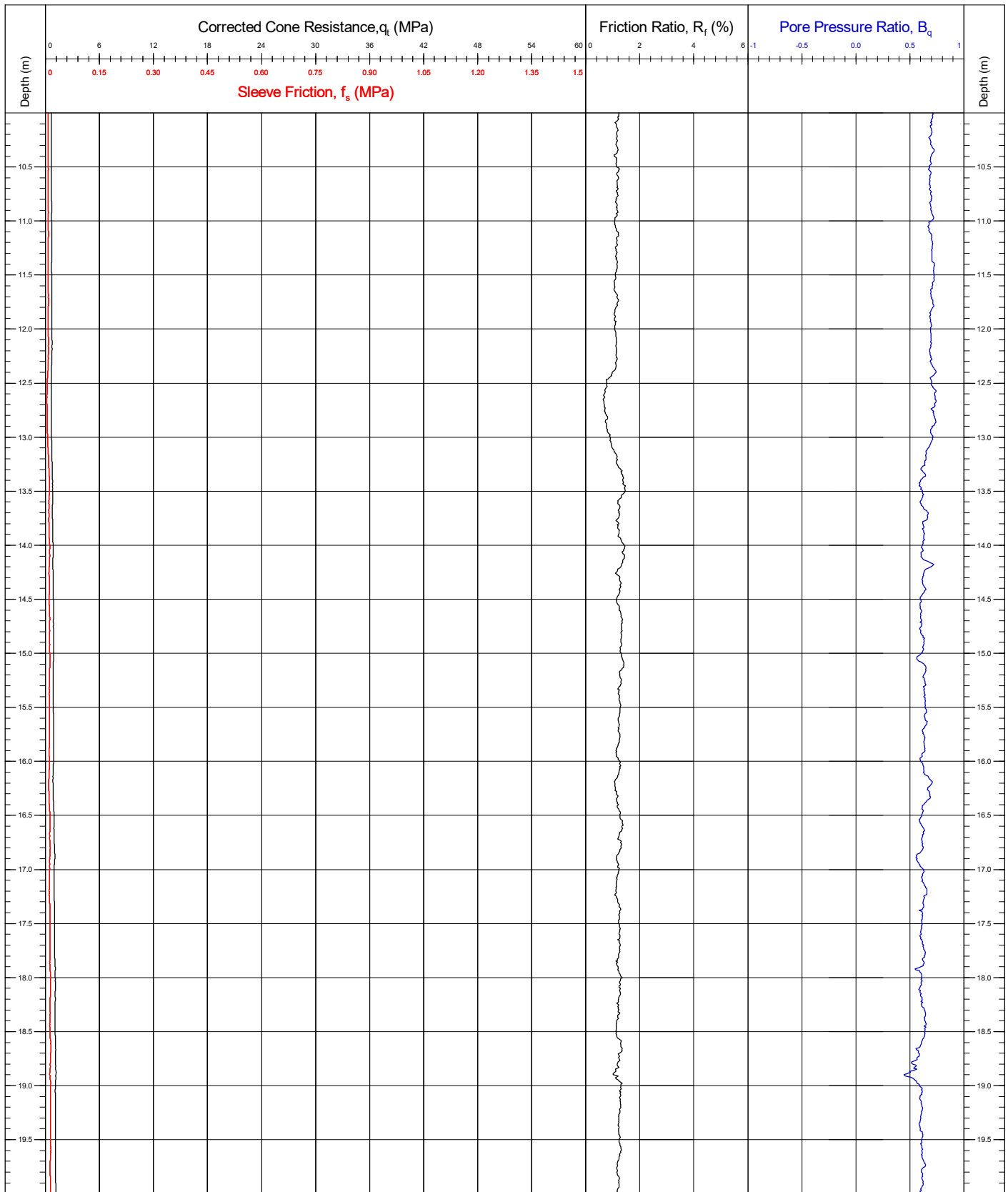


Area	Kattegat Sea	Coordinates	670639.50E 6262910.50N	CPT Number		
Contract	11596	Latitude / Longitude		CB13		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.98			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 1/4		
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

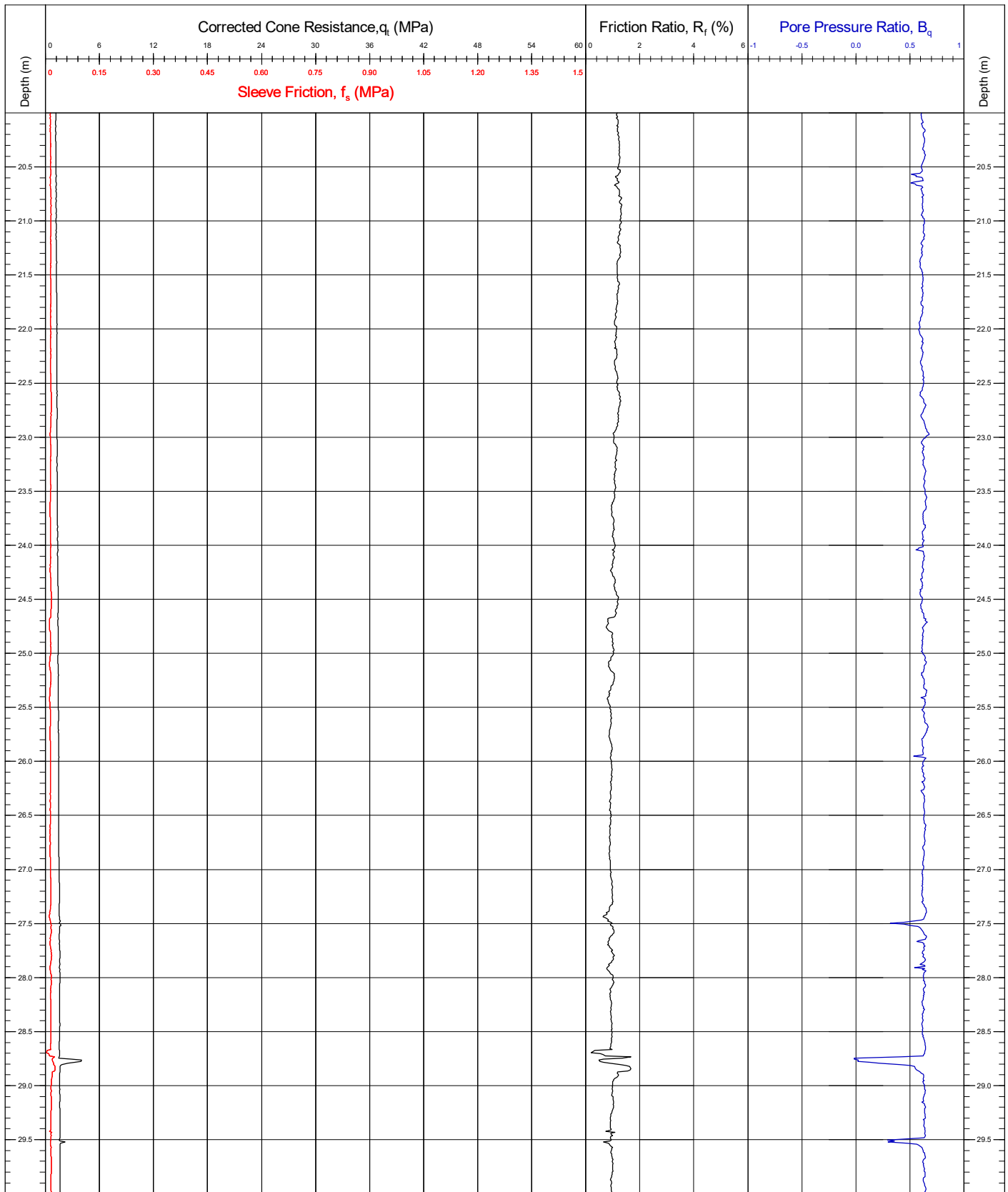


Area	Kattegat Sea	Coordinates	670639.50E	6262910.50N	CPT Number
Contract	11596	Latitude / Longitude			CB13
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.98		Page: 2/4
Vessel	MV Ocean Vantage	Date of Test	30/04/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
			JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

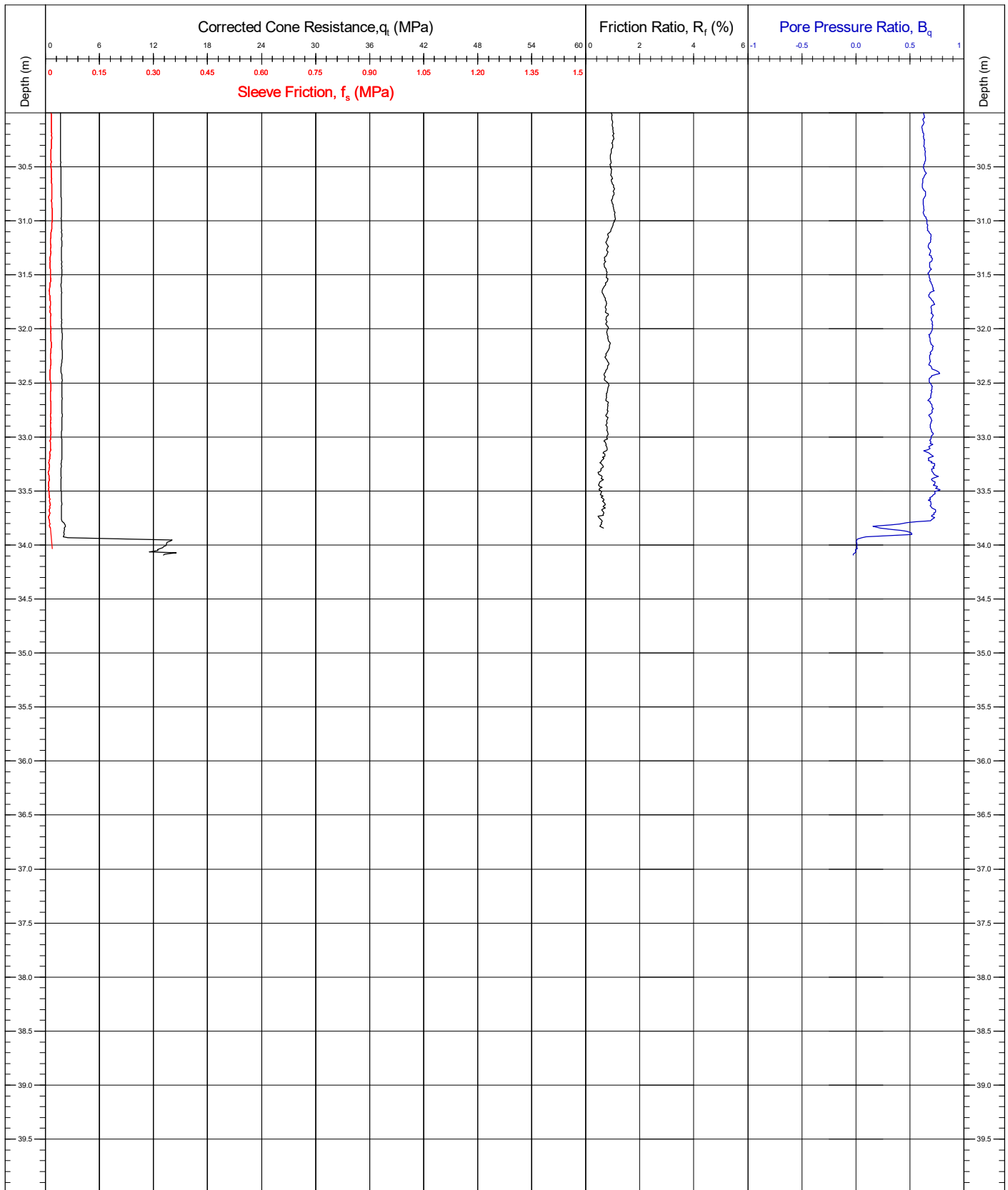


Area	Kattegat Sea	Coordinates	670639.50E 6262910.50N	CPT Number		
Contract	11596	Latitude / Longitude		CB13		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.98			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 3/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend</small>		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

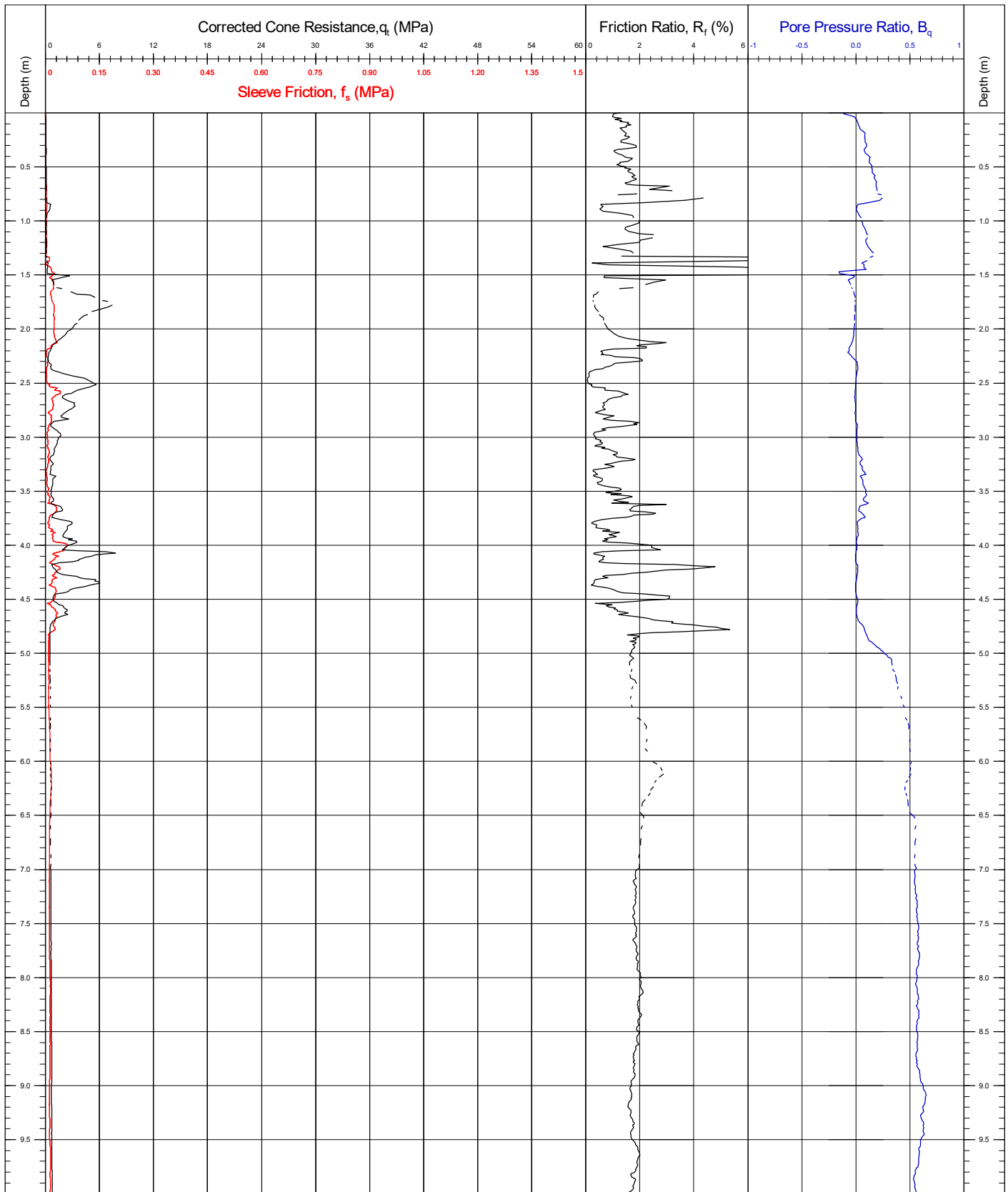


Area	Kattegat Sea	Coordinates	670639.50E 6262910.50N	CPT Number							
Contract	11596	Latitude / Longitude		CB13							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.98	Page: 4/4							
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status							
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.83m. Test terminated at operators discretion due to high inclination and risk of rod bend		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC (30/04/2021)</td> <td style="text-align: center;">DR (10/06/2021)</td> <td style="text-align: center;">SMc (10/11/2021)</td> </tr> </table>		Preliminary	Draft	Final	JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
		Preliminary	Draft			Final					
		JK/BC (30/04/2021)	DR (10/06/2021)			SMc (10/11/2021)					
Base Inclination	X = 1.1° / Y = 1.0°										
CRS	ETRS89										



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

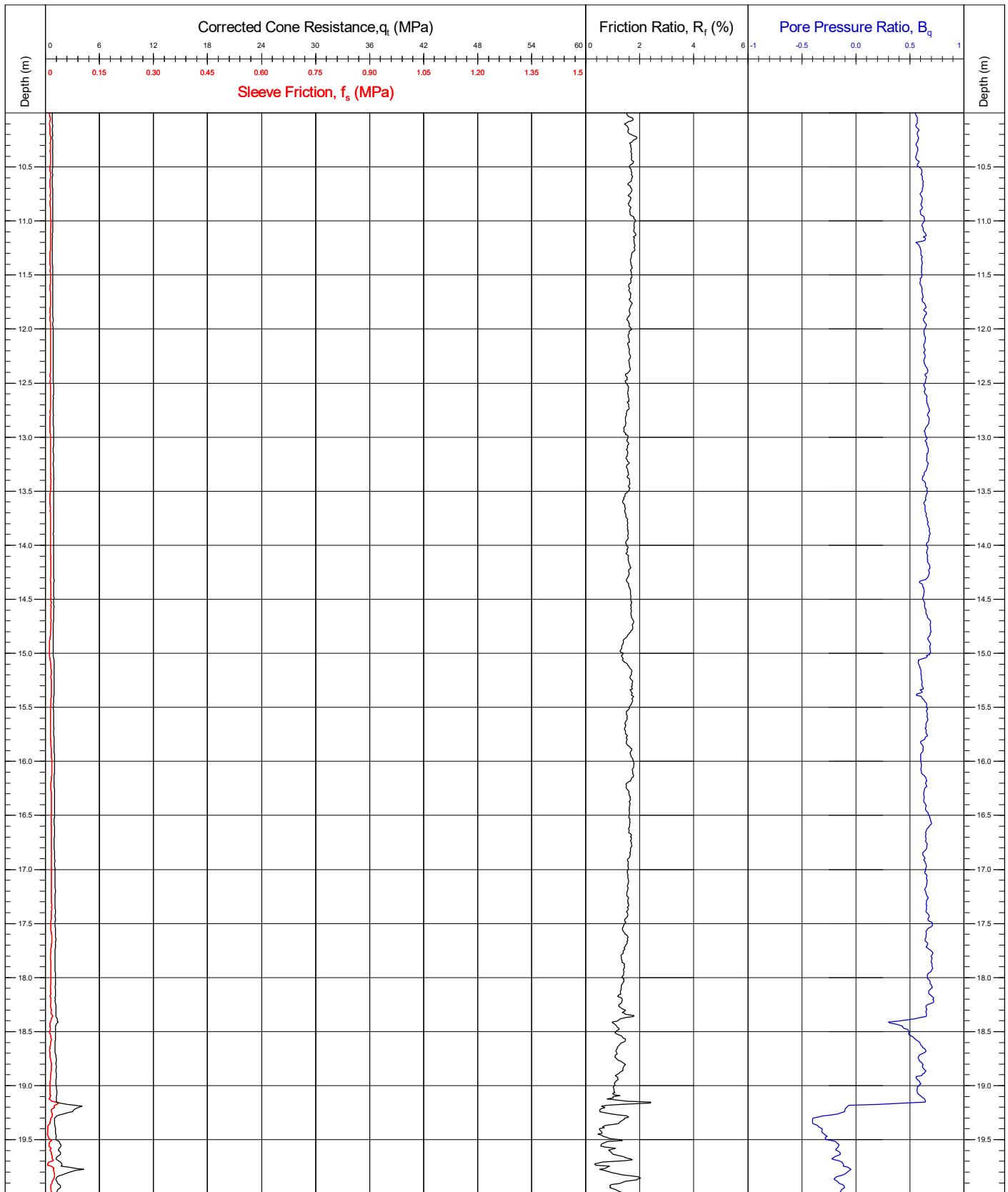


Area	Kattegat Sea	Coordinates	680529.90E 6252844.10N	CPT Number							
Contract	11596	Latitude / Longitude		CB14							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63	Page: 1/3							
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status							
Comments: Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination		Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border: none;">Preliminary</td> <td style="width: 33%; border: none;">Draft</td> <td style="width: 33%; border: none;">Final</td> </tr> <tr> <td style="border: none;">JK/BC <small>(27/04/2021)</small></td> <td style="border: none;">DR <small>(10/06/2021)</small></td> <td style="border: none;">SMc <small>(10/11/2021)</small></td> </tr> </table>		Preliminary	Draft	Final	JK/BC <small>(27/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
		Preliminary	Draft			Final					
		JK/BC <small>(27/04/2021)</small>	DR <small>(10/06/2021)</small>			SMc <small>(10/11/2021)</small>					
Base Inclination	X = 0.0° / Y = -0.1°										
CRS	ETRS89										



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

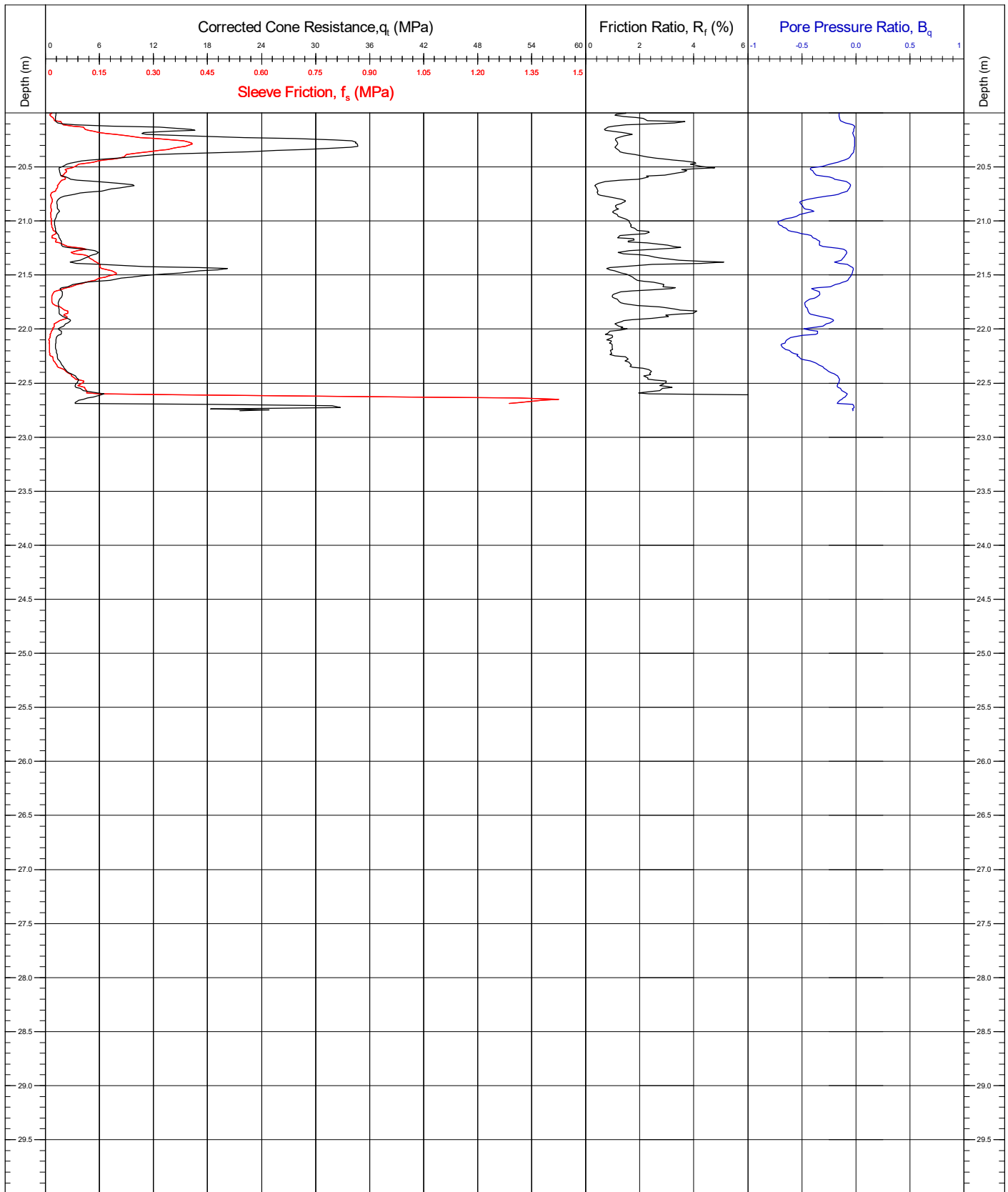


Area	Kattegat Sea	Coordinates	680529.90E 6252844.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB14		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63	Page: 2/3		
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status		
Comments: Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination		Cone No.(size)/α Factor	100976 (10cm ²) / 0.78			
		Base Inclination	X = 0.0° / Y = -0.1°			
		CRS	ETRS89			
				Preliminary	Draft	Final
				JK/BC <small>(27/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

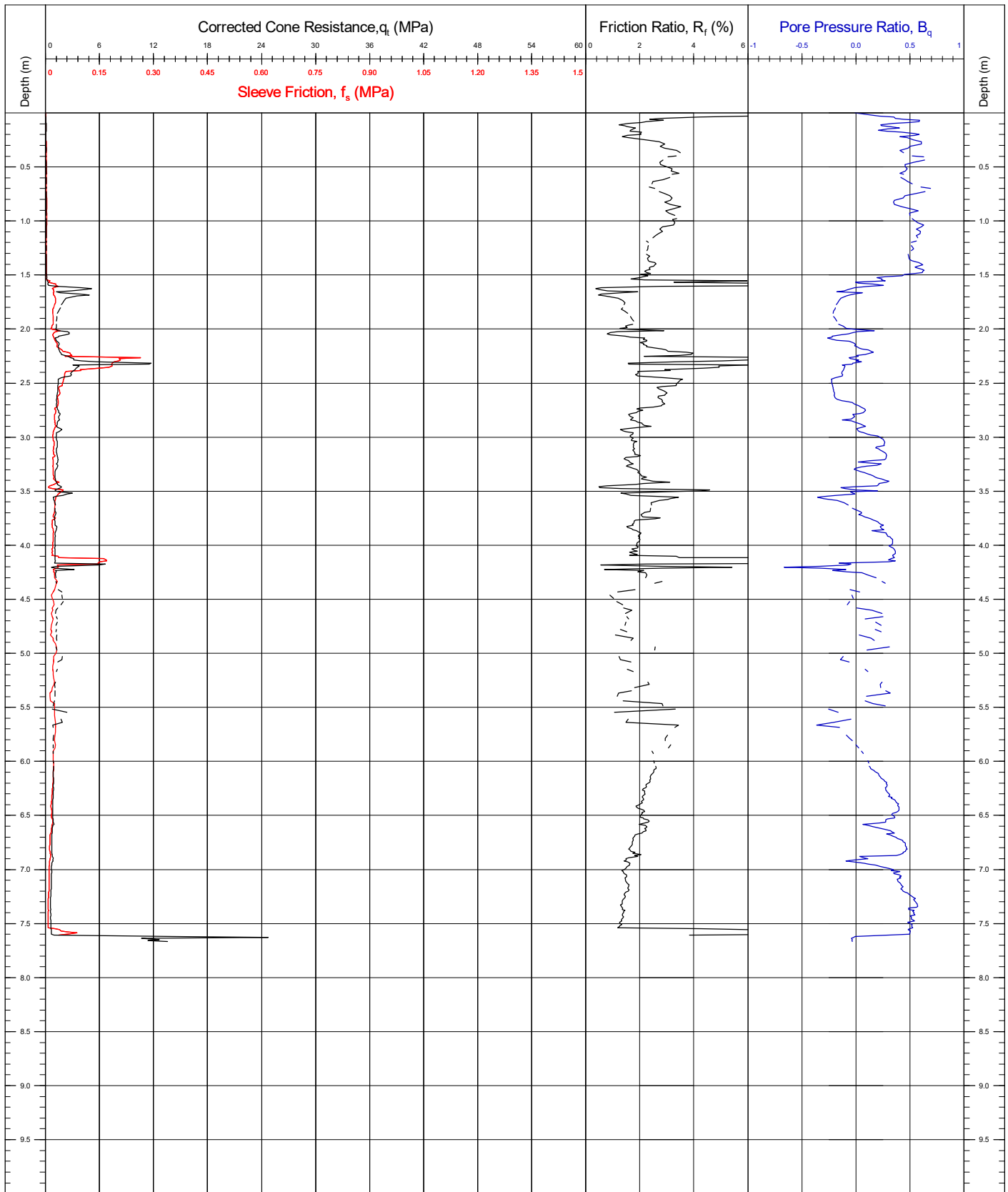


Area	Kattegat Sea	Coordinates	680529.90E 6252844.10N	CPT Number		
Contract	11596	Latitude / Longitude		CB14		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 3/3		
<small>Comments: Cone out of class. Continuous seabed CPT. Final depth 22.79m. Test terminated due to a sudden increase of more than 3 degrees of cone inclination</small>				QC Status		
				Preliminary	Draft	Final
		Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78	JK/BC	DR	SMc
		Base Inclination	X = 0.0° / Y = -0.1°	(27/04/2021)	(10/06/2021)	(10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

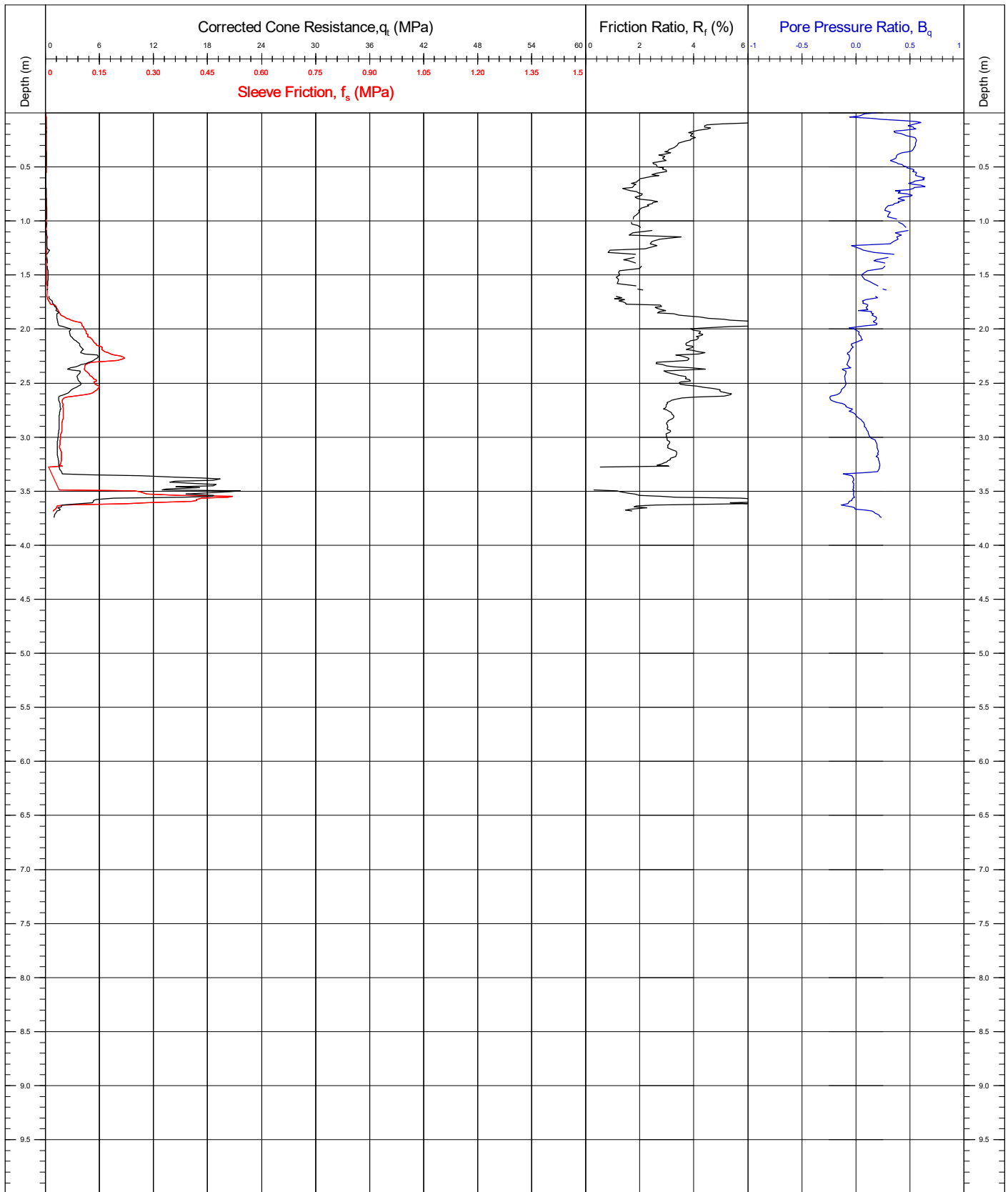


Area	Kattegat Sea	Coordinates	676134.10E 6251059.50N	CPT Number		
Contract	11596	Latitude / Longitude		CPT3		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.14			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 1/1		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 7.68m. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance</small>				QC Status		
				Preliminary	Draft	Final
		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	JK/BC	DR	SMc
		Base Inclination	X = 0.0° / Y = 0.0°	(27/04/2021)	(10/06/2021)	(10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

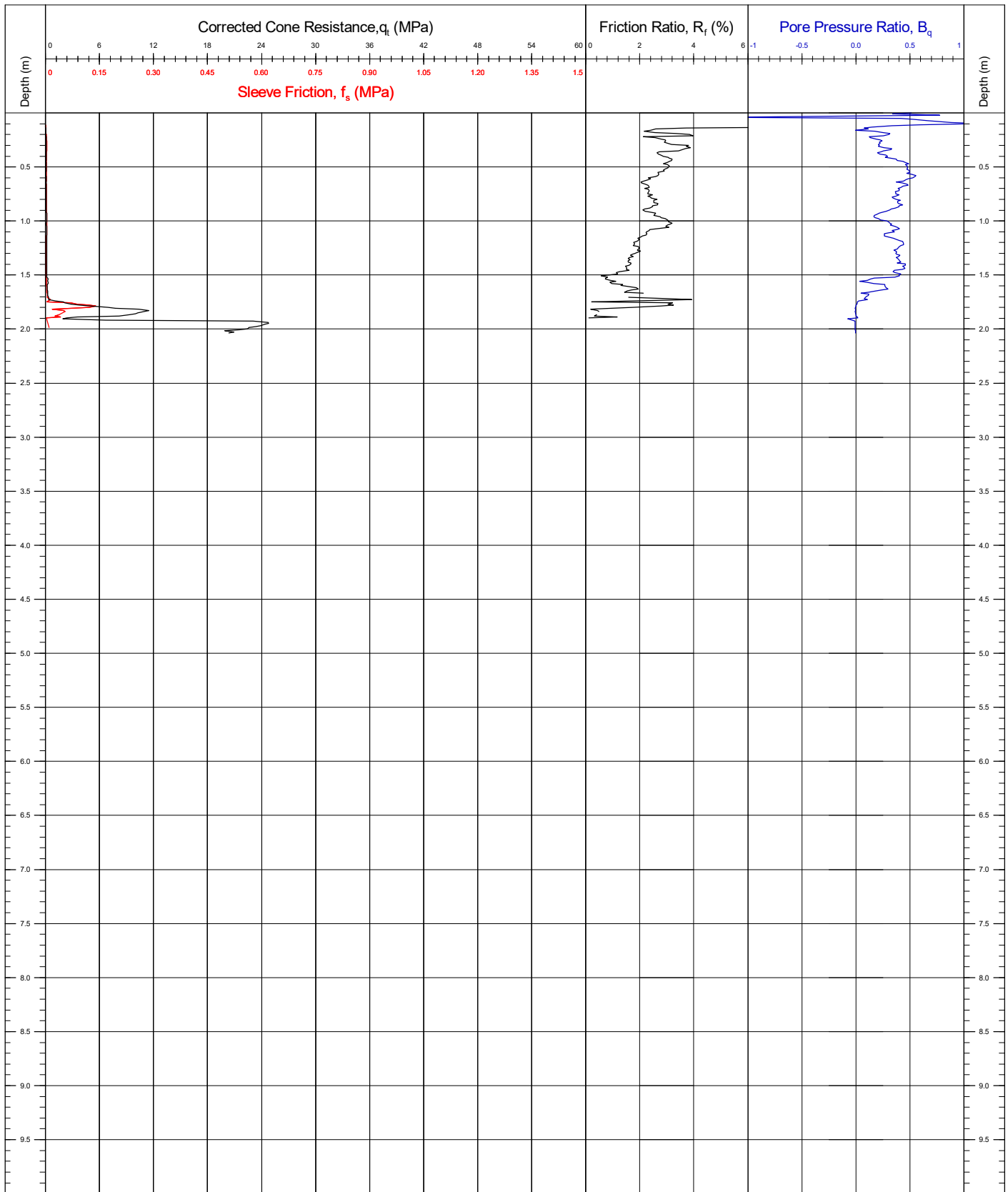


Area	Kattegat Sea	Coordinates	676134.20E 6251054.30N	CPT Number	
Contract	11596	Latitude / Longitude		CPT3a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.17	Page: 1/1	
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status	
Comments: Cone class 4. Bumpover location. Deck to deck offset readings are shared between 3a and 3b. Continuous seabed CPT. Final depth 3.55m. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance.		Cone No.(size)/ α Factor	181007 (10cm ²) / 0.72	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(27/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

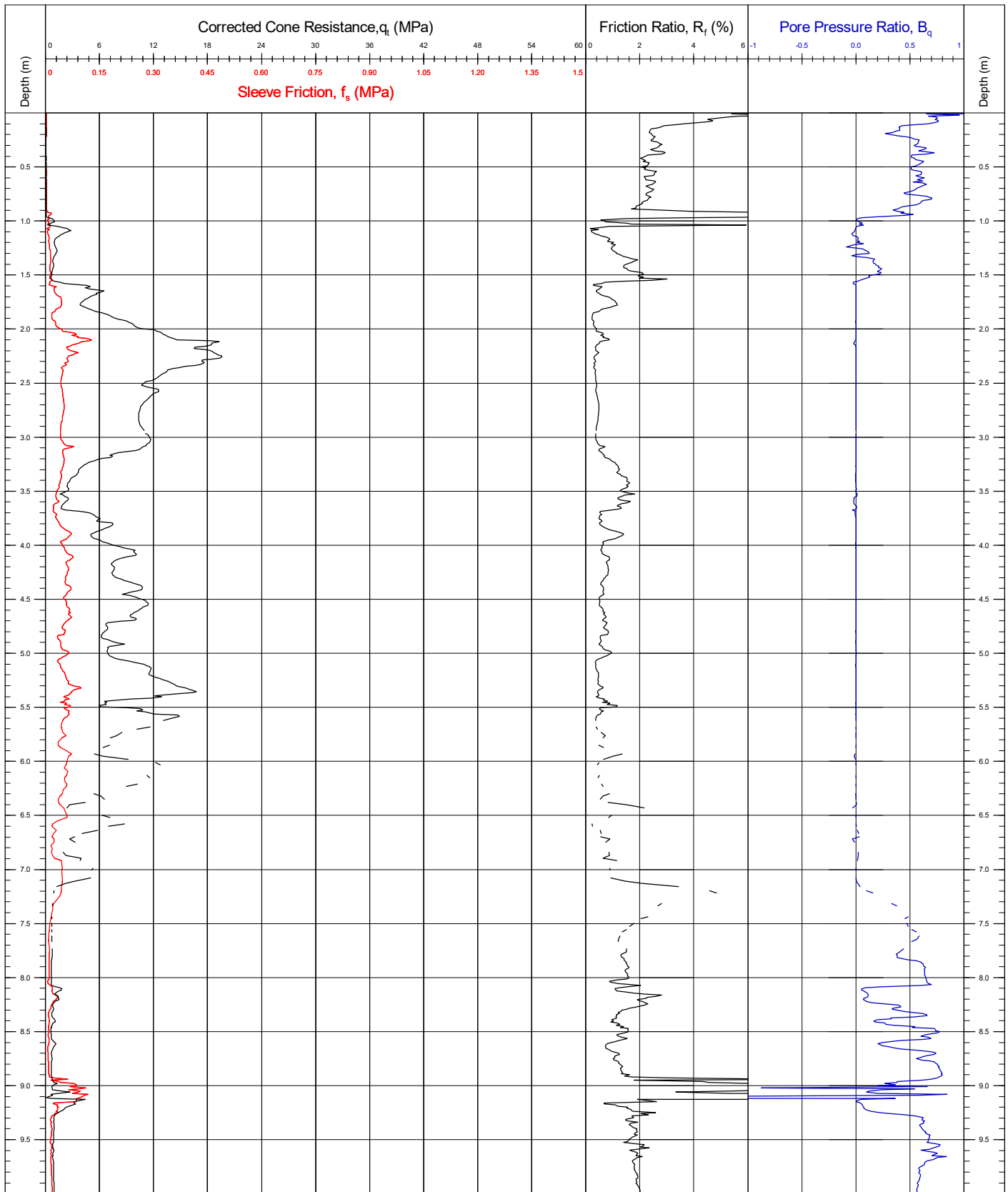


Area	Kattegat Sea	Coordinates	676133.70E 6251066.70N	CPT Number		
Contract	11596	Latitude / Longitude		CPT3b		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.15			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 1/1		
<small>Comments: Cone class 2. Continuous seabed CPT. Bumpover location. Final depth 1.96m. Deck to deck offsets are taken at a 5m reference level above seabed. Test terminated due to a sudden increase of more than three degrees of cone inclination and increasing tip resistance</small>		Cone No.(size)/ α Factor	181007 (10cm ²) / 0.72	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

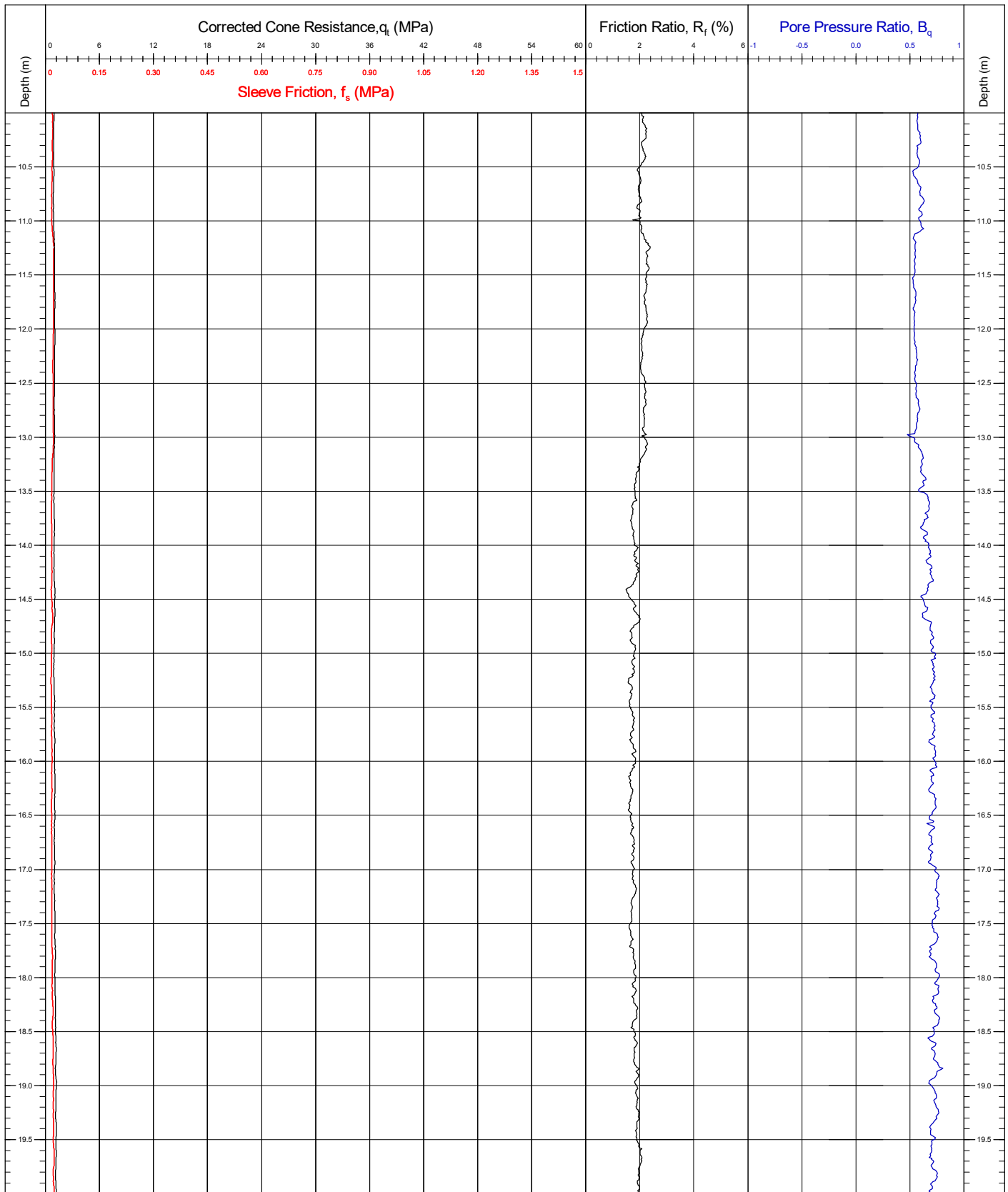


Area	Kattegat Sea	Coordinates	679806.40E 6251702.40N	CPT Number	
Contract	11596	Latitude / Longitude		CPT4	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status	
Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.1°	JK/BC	DR
		CRS	ETRS89	(27/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

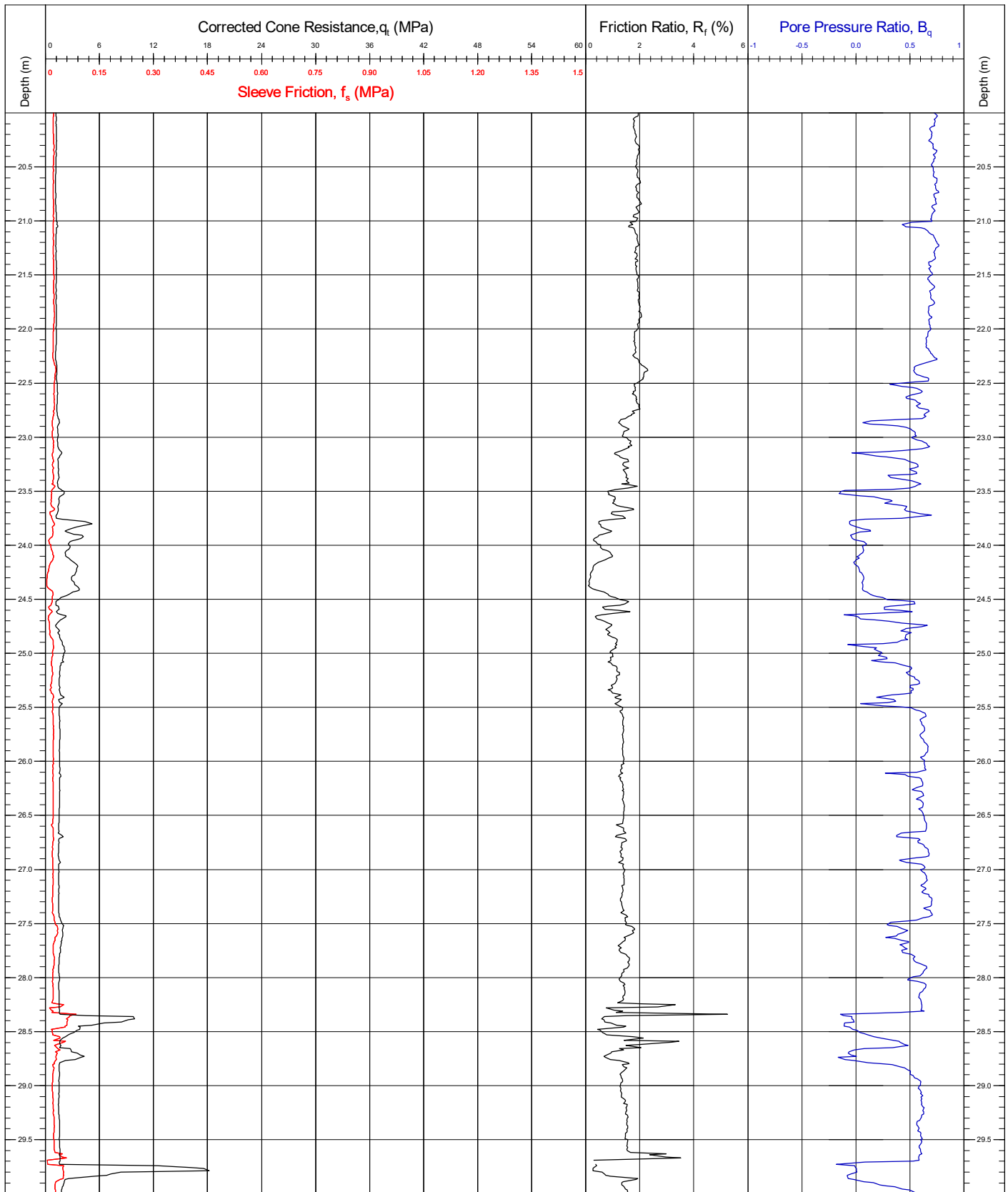


Area	Kattegat Sea	Coordinates	679806.40E	6251702.40N	CPT Number
Contract	11596	Latitude / Longitude			CPT4
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22		Page: 2/4
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		QC Status
Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.1°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(27/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

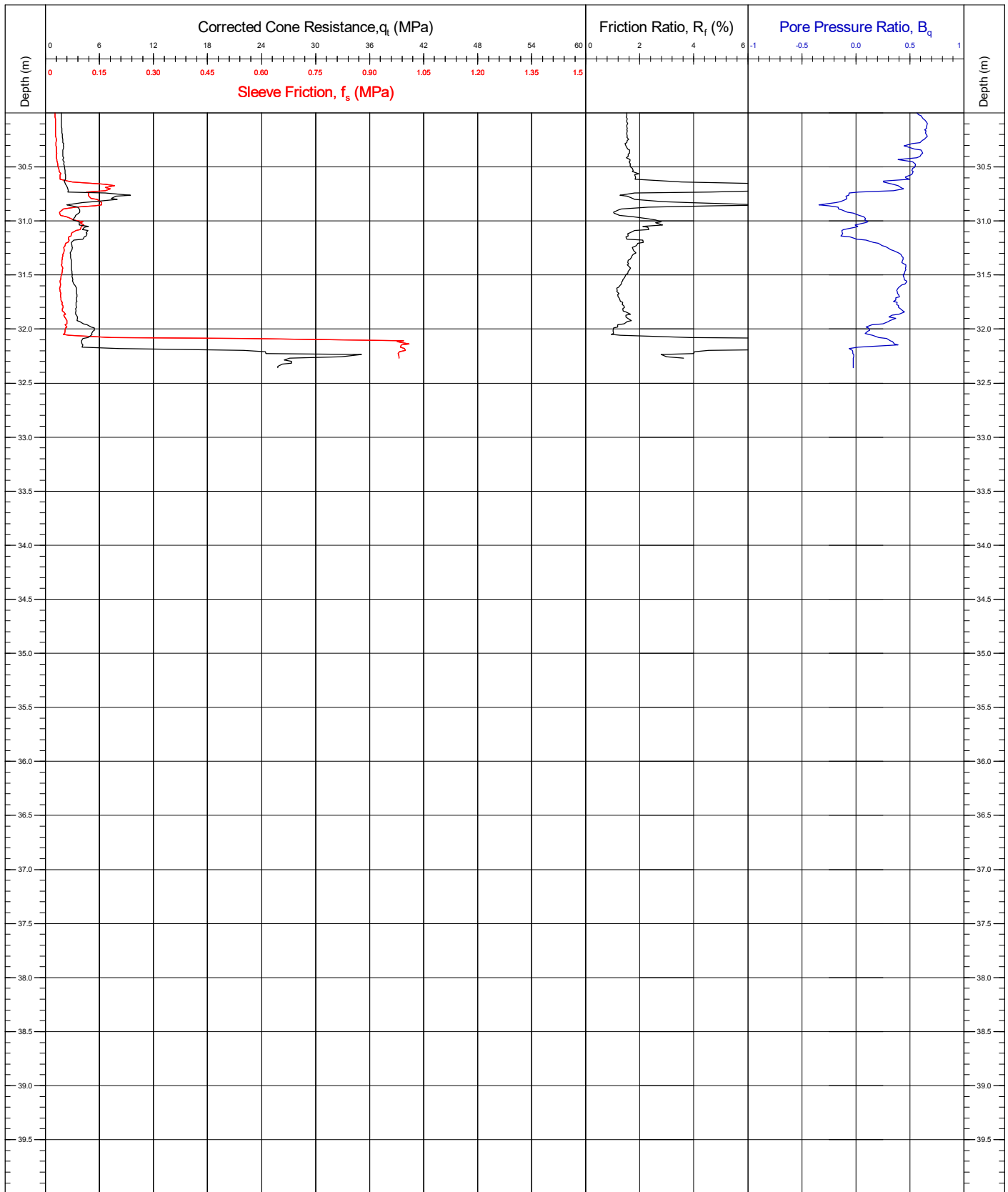


Area	Kattegat Sea	Coordinates	679806.40E 6251702.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT4		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 3/4		
<small>Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment</small>		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.1°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

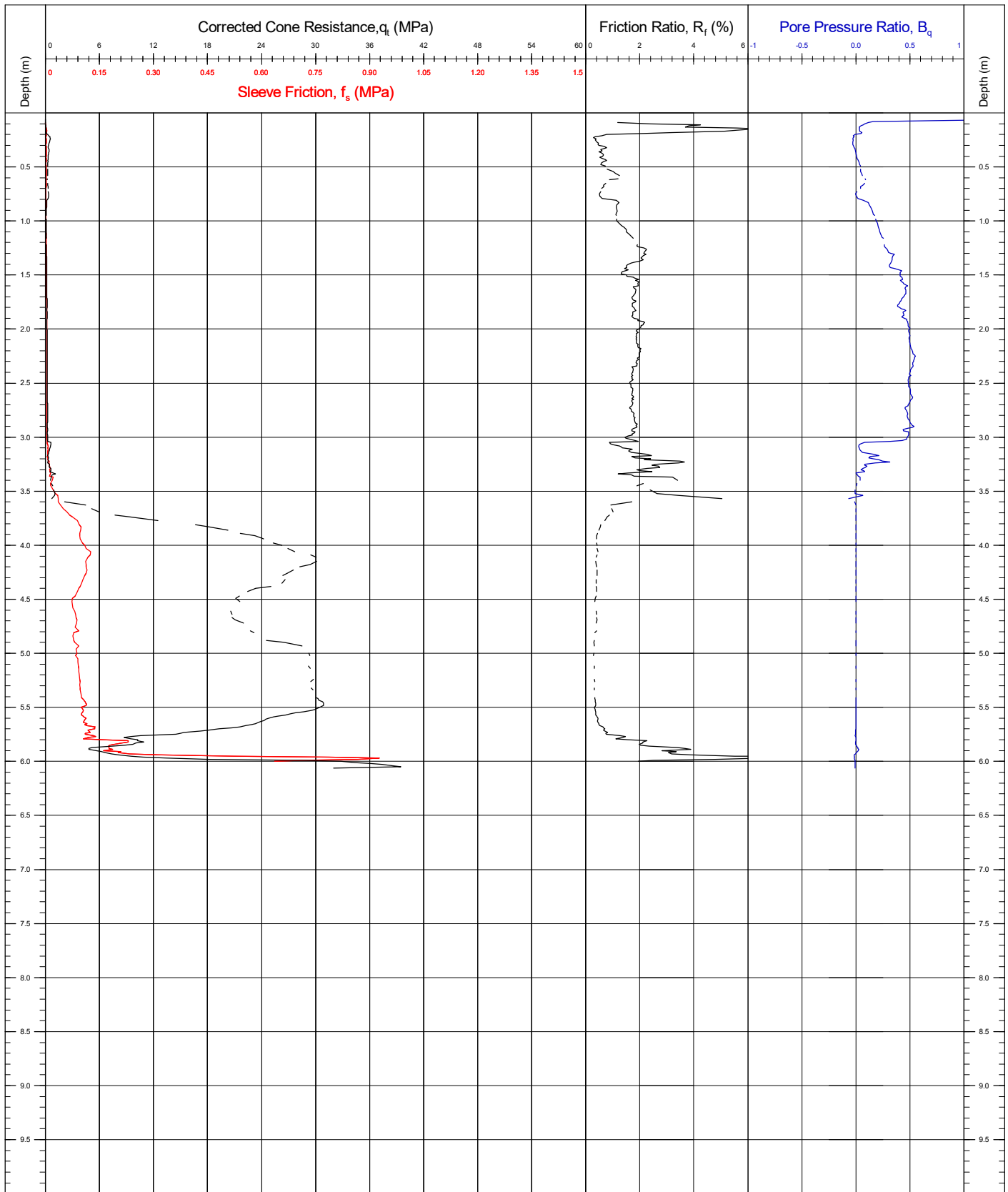


Area	Kattegat Sea	Coordinates	679806.40E 6251702.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT4		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22			
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	Page: 4/4		
<small>Comments: Cone class 4. Continuous seabed CPT. Final depth 32.39m. Test was terminated at operators discretion due to increasing sleeve and to prevent damage to equipment</small>		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.1°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

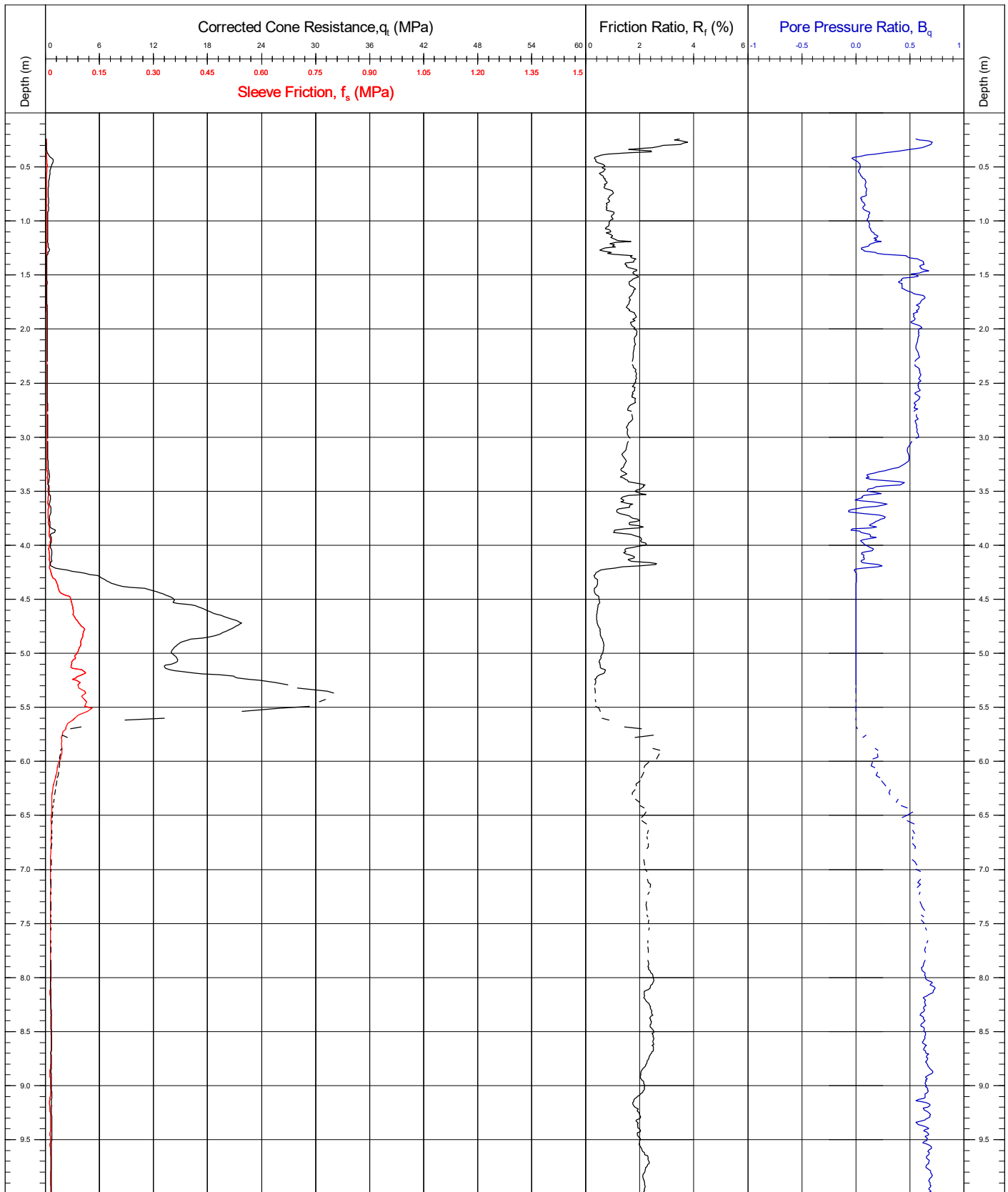


Area	Kattegat Sea	Coordinates	668836.60E 6255857.70N	CPT Number		
Contract	11596	Latitude / Longitude		CPT6		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.95			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 1/1		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 6.06m. Test terminated at operators discretion due to sudden increase in sleeve friction and tip resistance</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = -0.3° / Y = 0.8°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

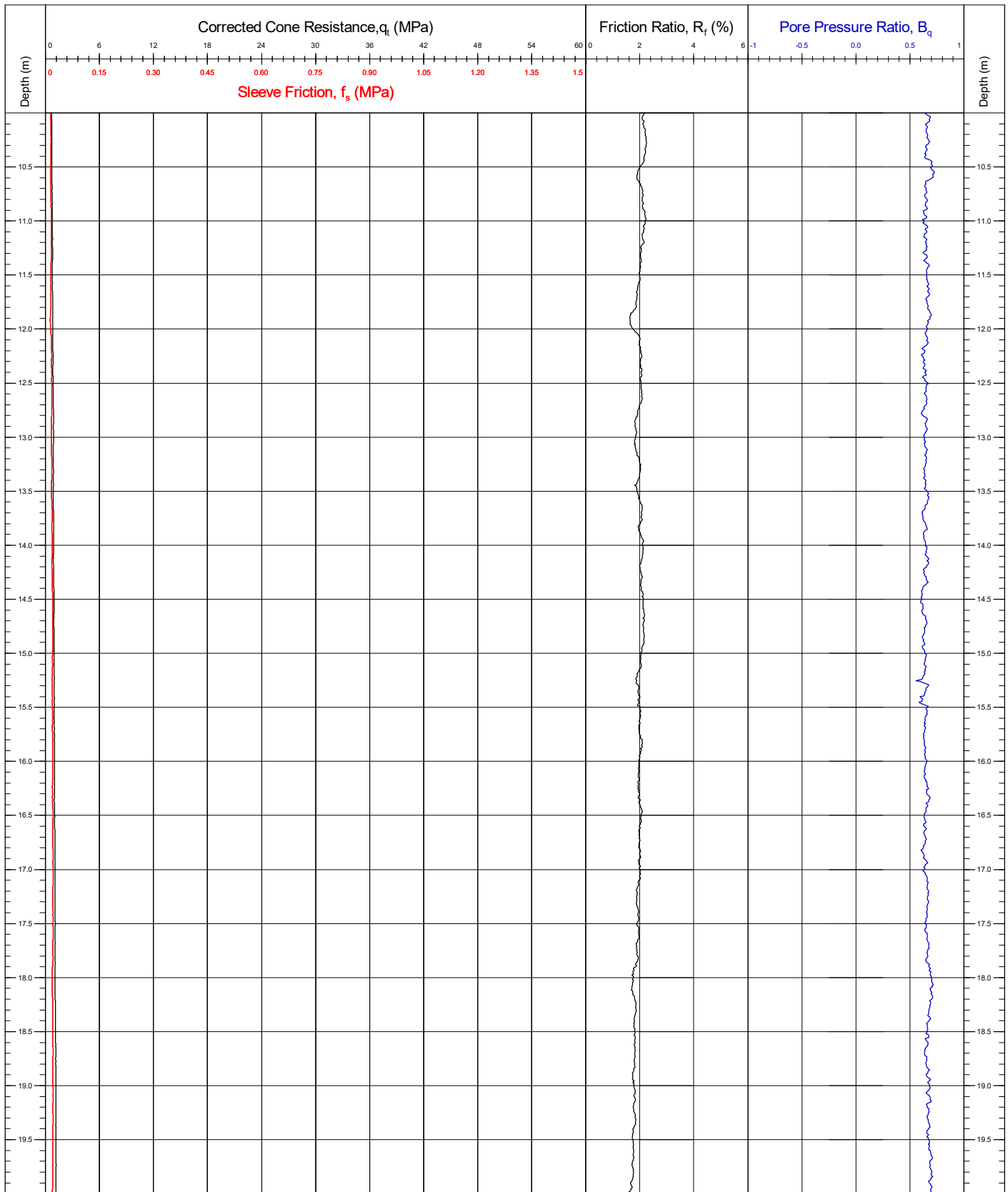


Area	Kattegat Sea	Coordinates	668836.90E 6255852.50N	CPT Number		
Contract	11596	Latitude / Longitude		CPT6a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.93			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 1/4		
Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load- tip resistance and lack of lateral rod support				QC Status		
				Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

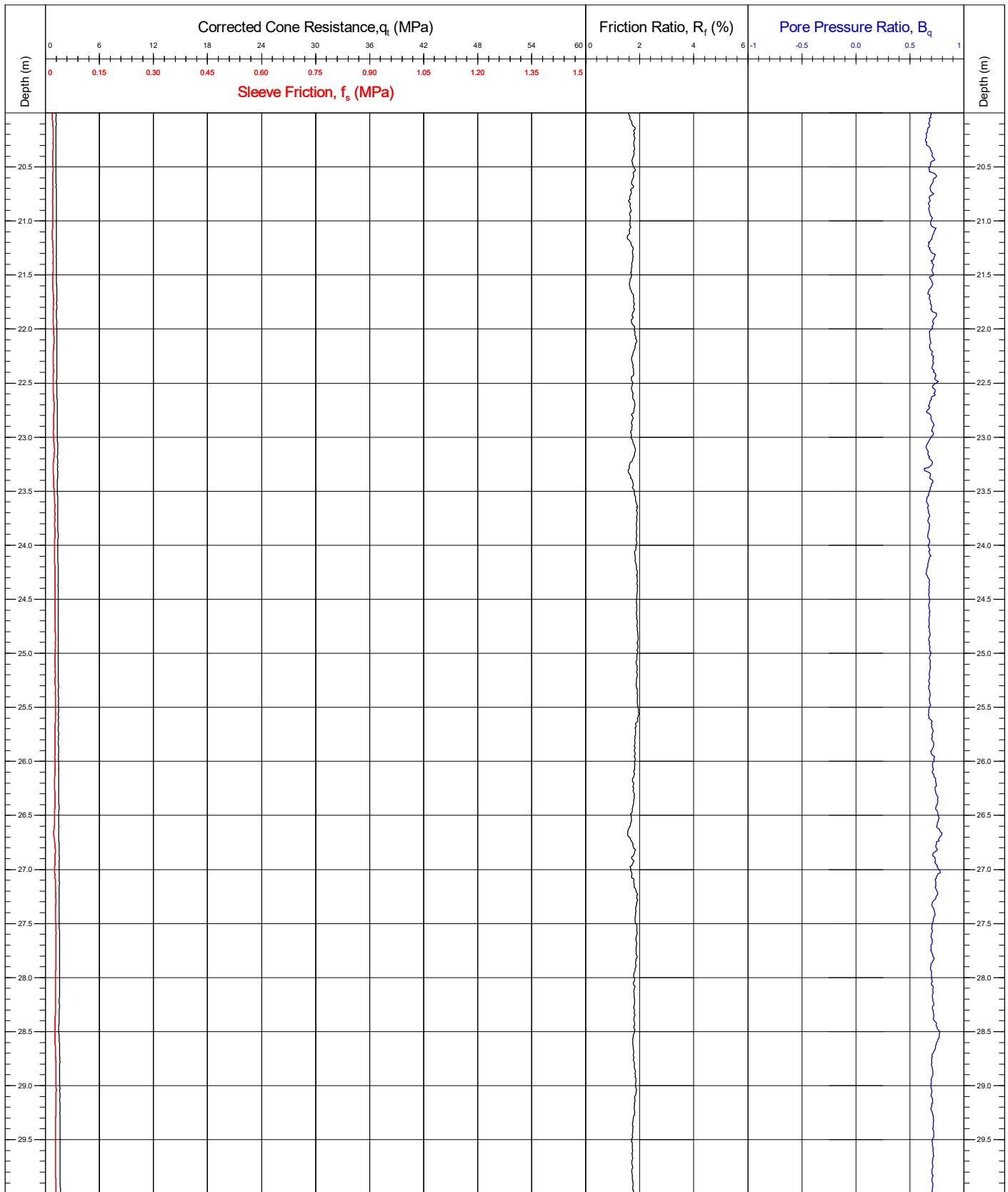


Area	Kattegat Sea	Coordinates	668836.90E	6255852.50N	CPT Number
Contract	11596	Latitude / Longitude			CPT6a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.93		Page: 2/4
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status
Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load- tip resistance and lack of lateral rod support		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(29/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

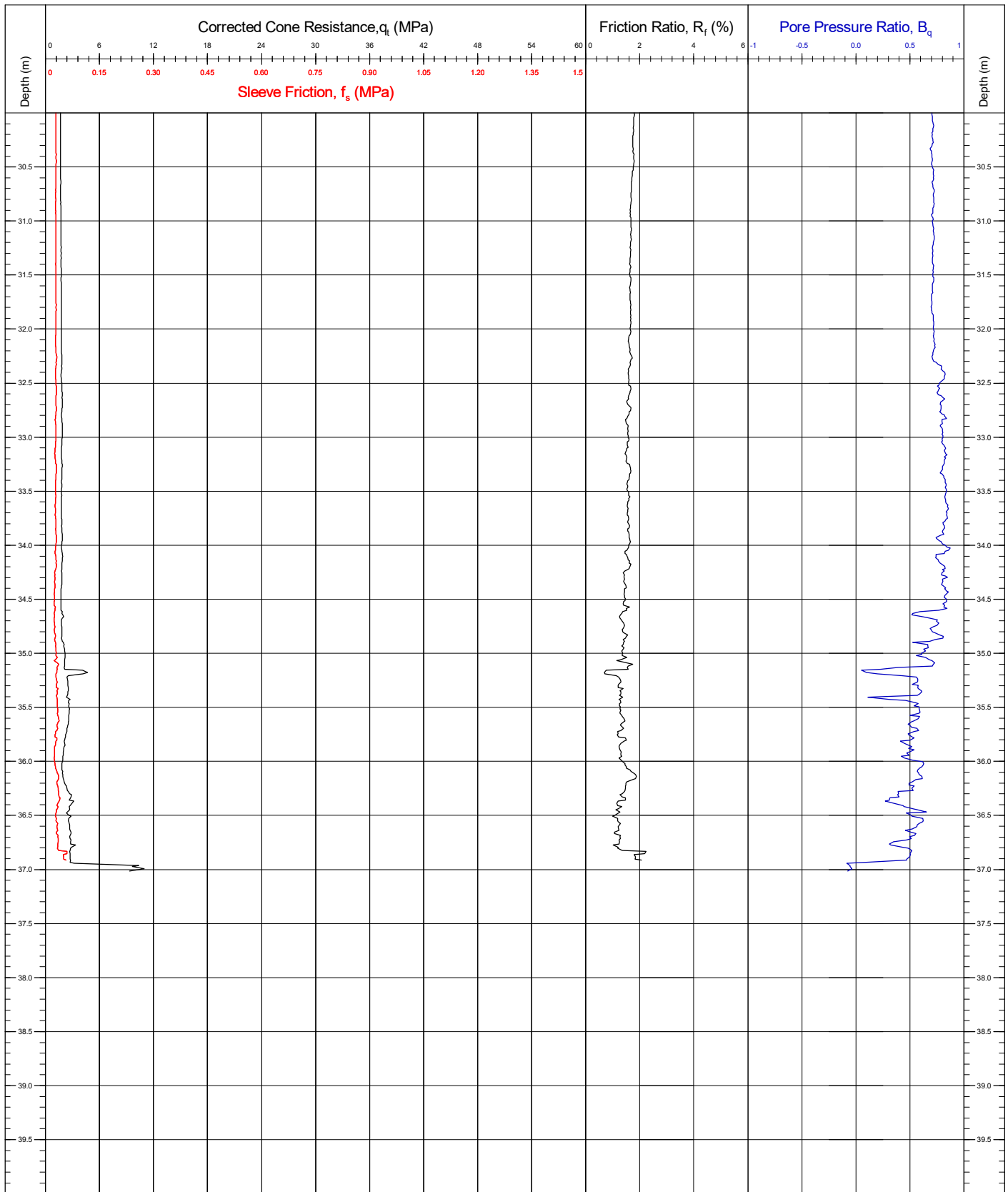


Area	Kattegat Sea	Coordinates	668836.90E 6255852.50N	CPT Number	
Contract	11596	Latitude / Longitude		CPT6a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.93	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load- tip resistance and lack of lateral rod support		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

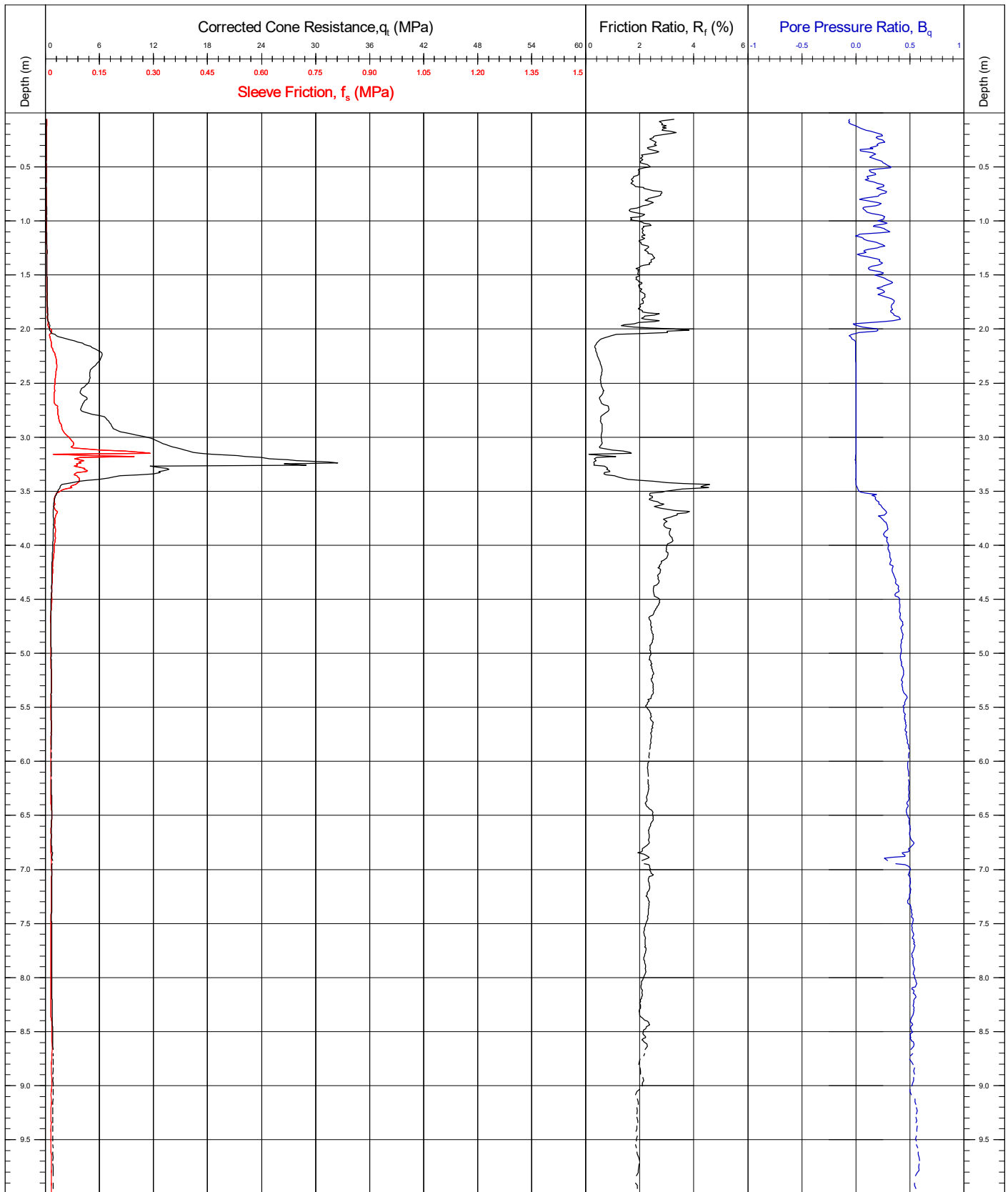


Area	Kattegat Sea	Coordinates	668836.90E	6255852.50N	CPT Number
Contract	11596	Latitude / Longitude			CPT6a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.93		Page: 4/4
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status
Comments: Cone class 4. Continuous seabed CPT. Final depth 36.80m. Test terminated at operators discretion due to increasing total load- tip resistance and lack of lateral rod support		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(29/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

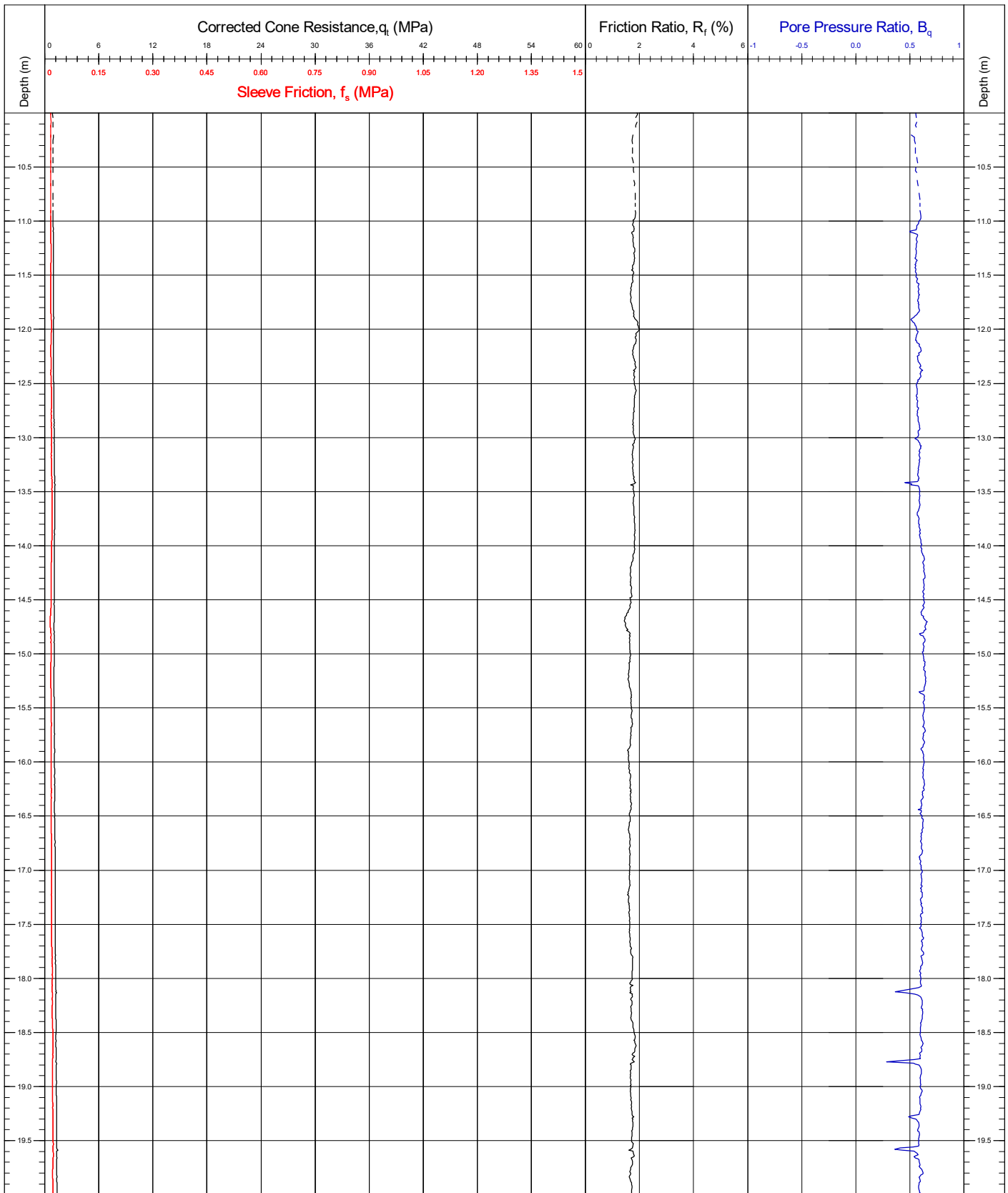


Area	Kattegat Sea	Coordinates	671921.20E	6256092.00N	CPT Number
Contract	11596	Latitude / Longitude			CPT7
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.16		Page: 1/4
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance - high total load and near maximum cone inclination of 11.59 degrees		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
			JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

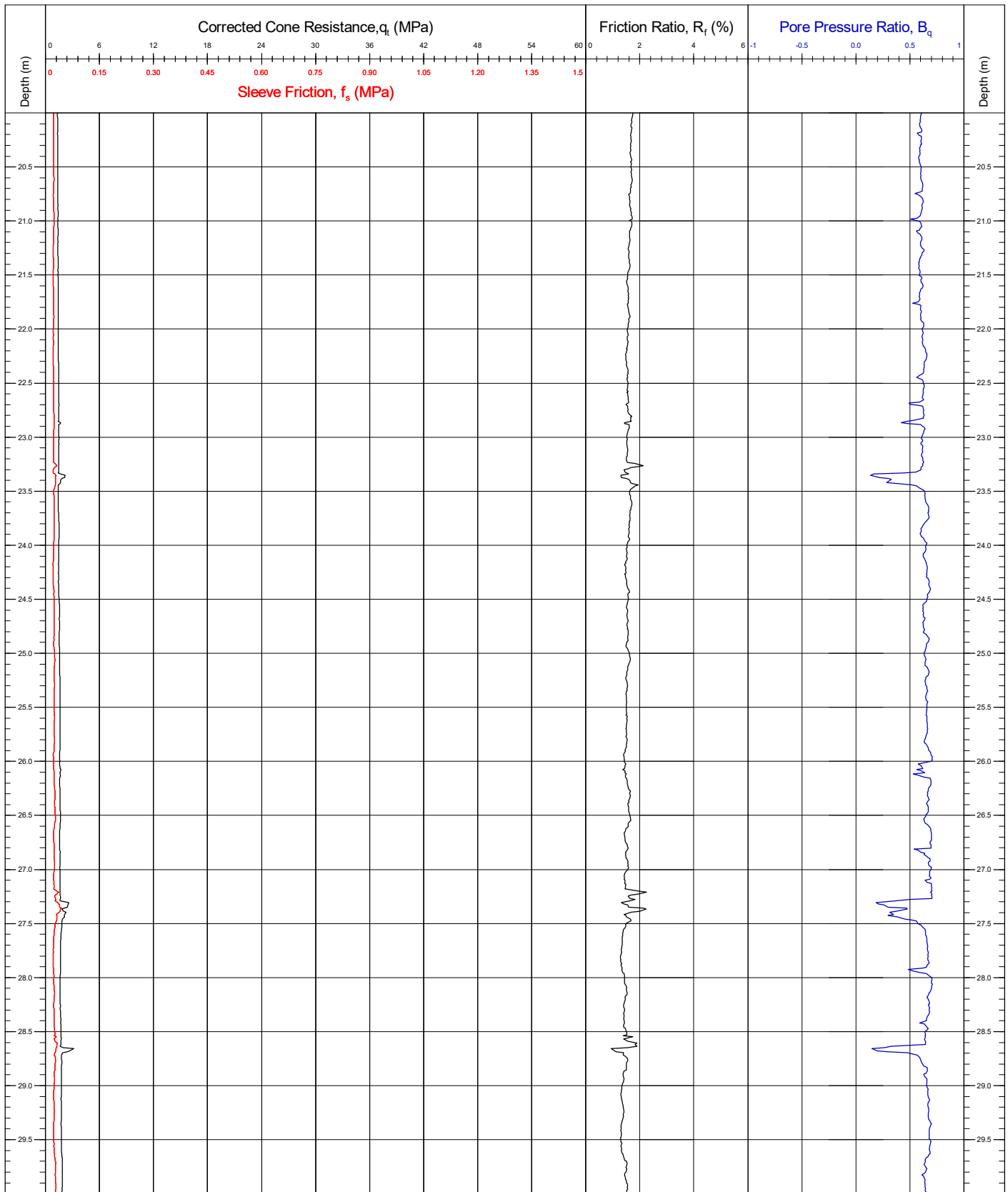


Area	Kattegat Sea	Coordinates	671921.20E	6256092.00N	CPT Number						
Contract	11596	Latitude / Longitude			CPT7						
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.16		Page: 2/4						
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status						
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance - high total load and near maximum cone inclination of 11.59 degrees</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76								
		Base Inclination	X = 0.0° / Y = 0.0°								
		CRS	ETRS89		<table style="width: 100%; text-align: center;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC <small>(29/04/2021)</small></td> <td>DR <small>(10/06/2021)</small></td> <td>SMc <small>(10/11/2021)</small></td> </tr> </table>	Preliminary	Draft	Final	JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
Preliminary	Draft	Final									
JK/BC <small>(29/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>									



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

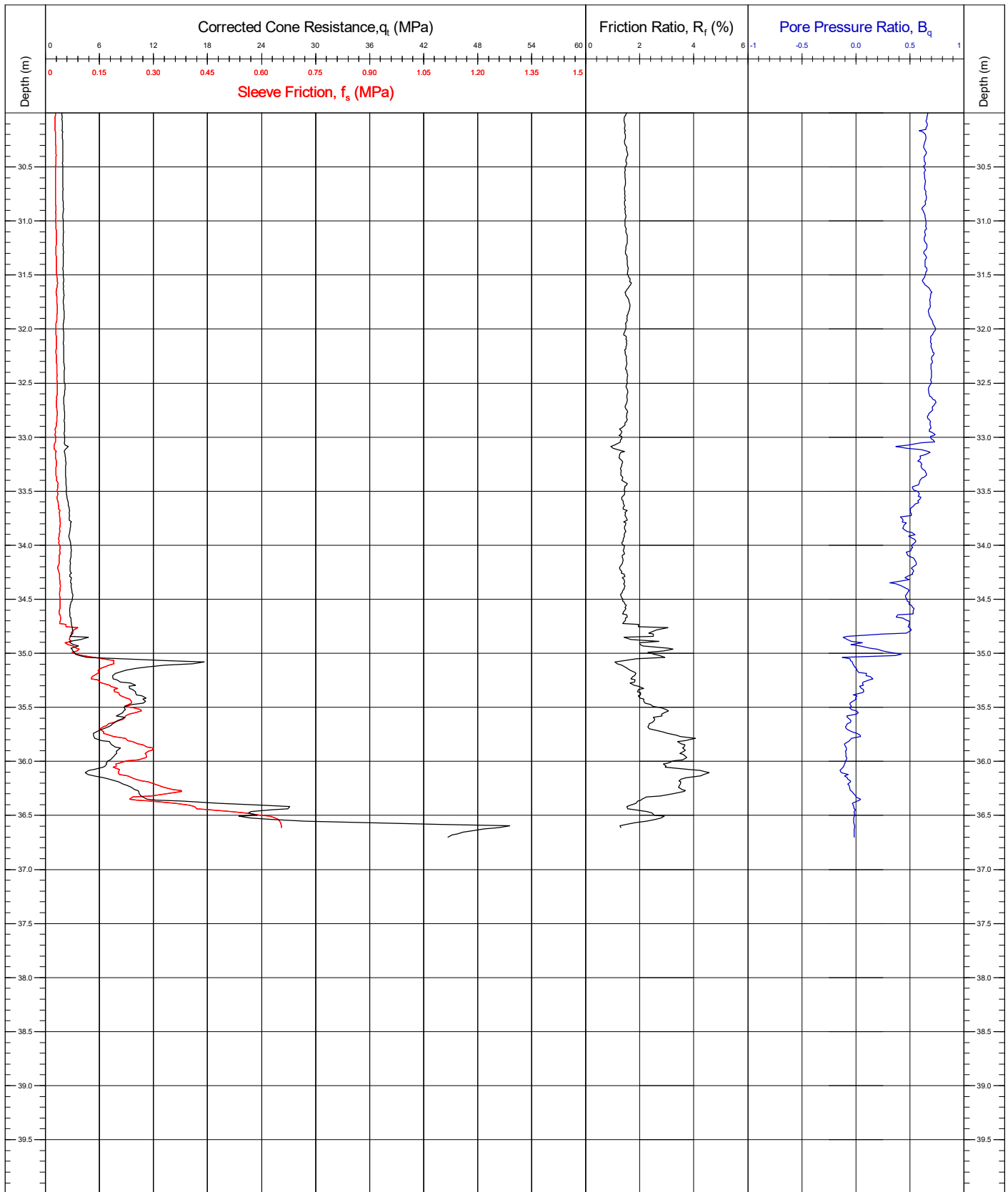


Area	Kattegat Sea	Coordinates	671921.20E 6256092.00N	CPT Number		
Contract	11596	Latitude / Longitude		CPT7		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.16			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 3/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance - high total load and near maximum cone inclination of 11.59 degrees</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

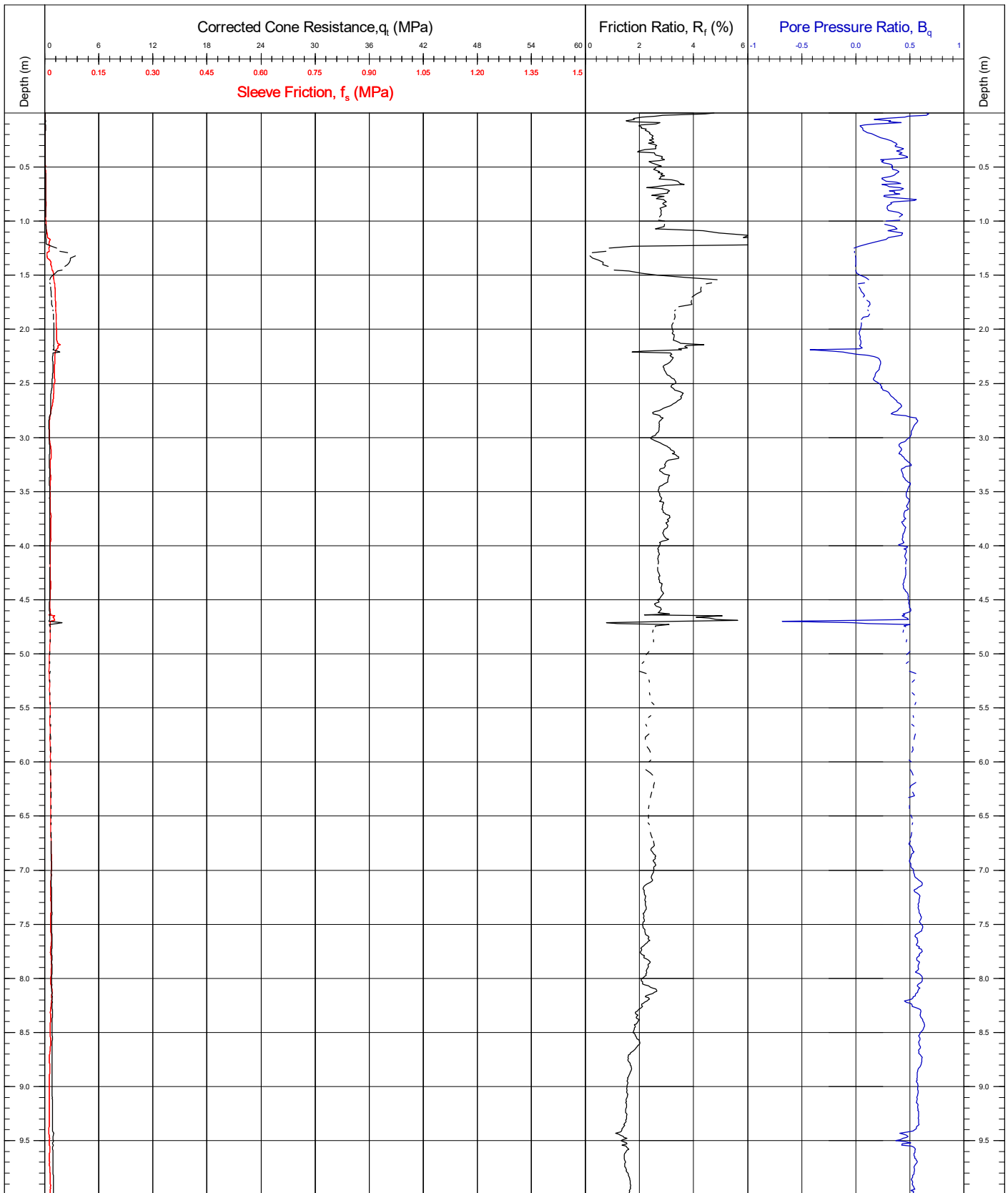


Area	Kattegat Sea	Coordinates	671921.20E	6256092.00N	CPT Number
Contract	11596	Latitude / Longitude			CPT7
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.16		Page: 4/4
Vessel	MV Ocean Vantage	Date of Test	29/04/2021		QC Status
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 36.67m. Test terminated at operators discretion due to a sudden increase in tip resistance - high total load and near maximum cone inclination of 11.59 degrees</small>		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 0.0° / Y = 0.0°		Draft
		CRS	ETRS89		Final
					JK/BC (29/04/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

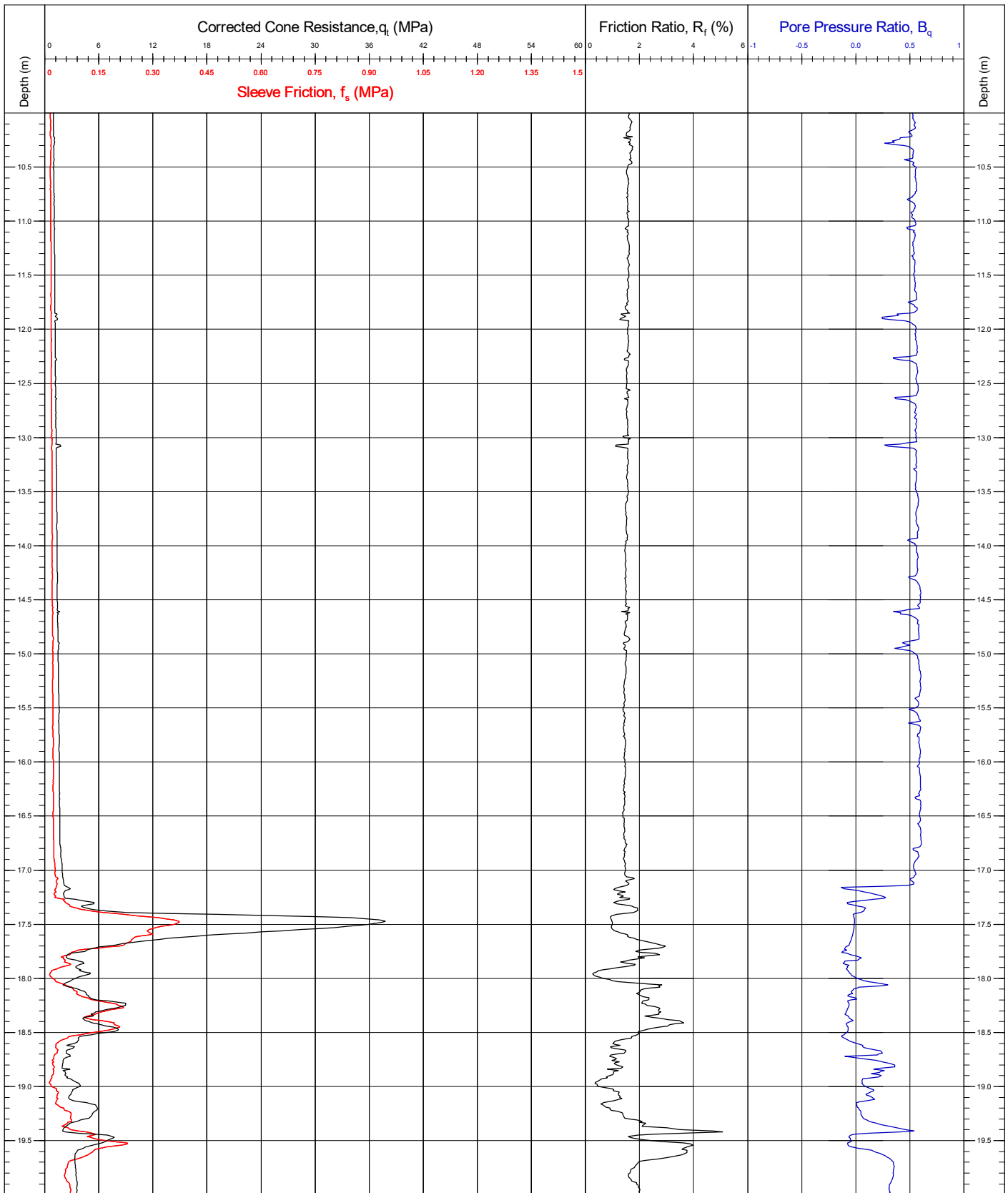


Area	Kattegat Sea	Coordinates	674879.50E	6255586.40N	CPT Number
Contract	11596	Latitude / Longitude			CPT8
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.62		Page: 1/3
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		QC Status
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands.</small>		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
					JK/BC (27/04/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

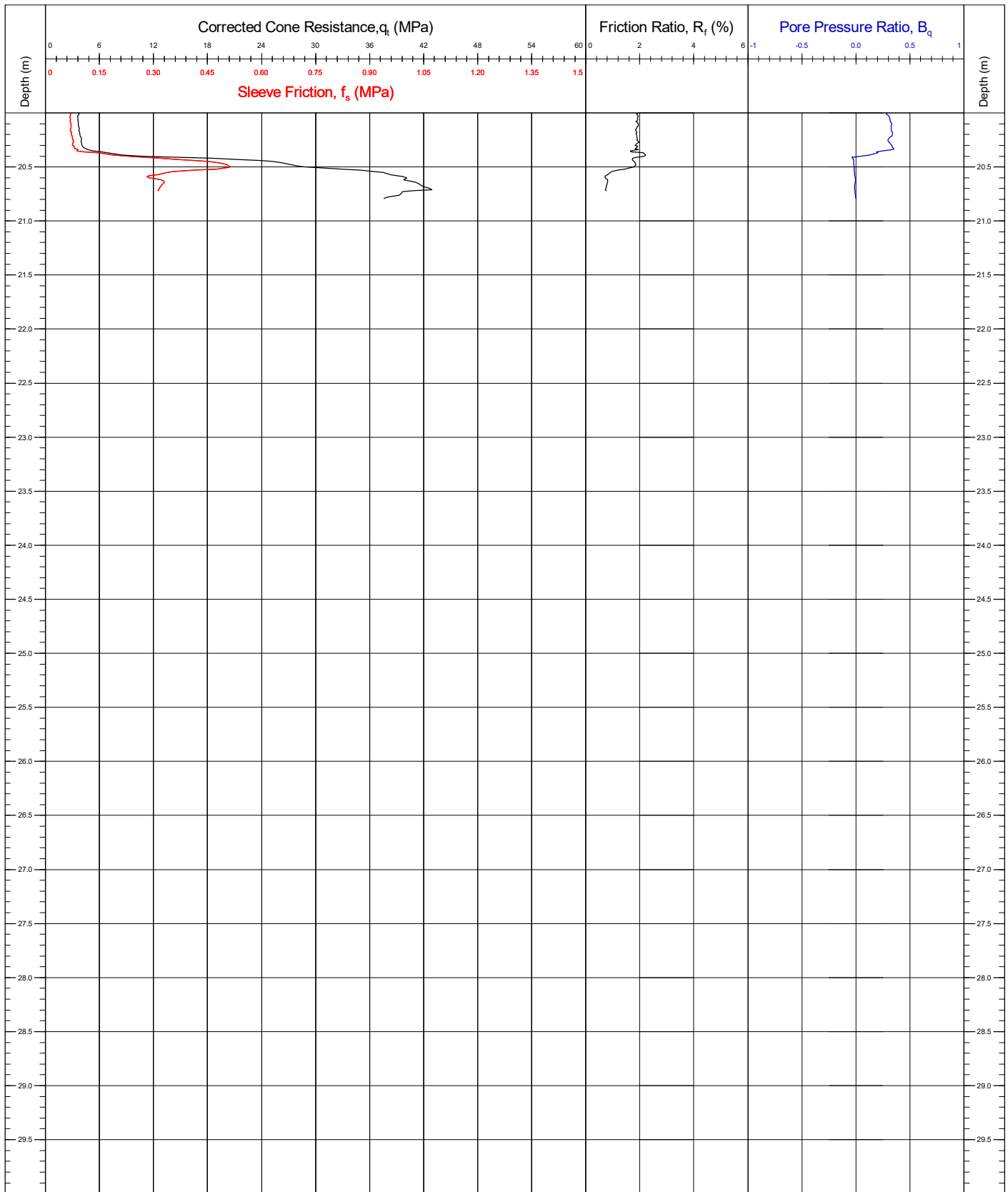


Area	Kattegat Sea	Coordinates	674879.50E	6255586.40N	CPT Number
Contract	11596	Latitude / Longitude			CPT8
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.62		Page: 2/3
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		QC Status
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands.</small>		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78		Preliminary
		Base Inclination	X = 1.1° / Y = 1.0°		Draft
		CRS	ETRS89		Final
					JK/BC (27/04/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

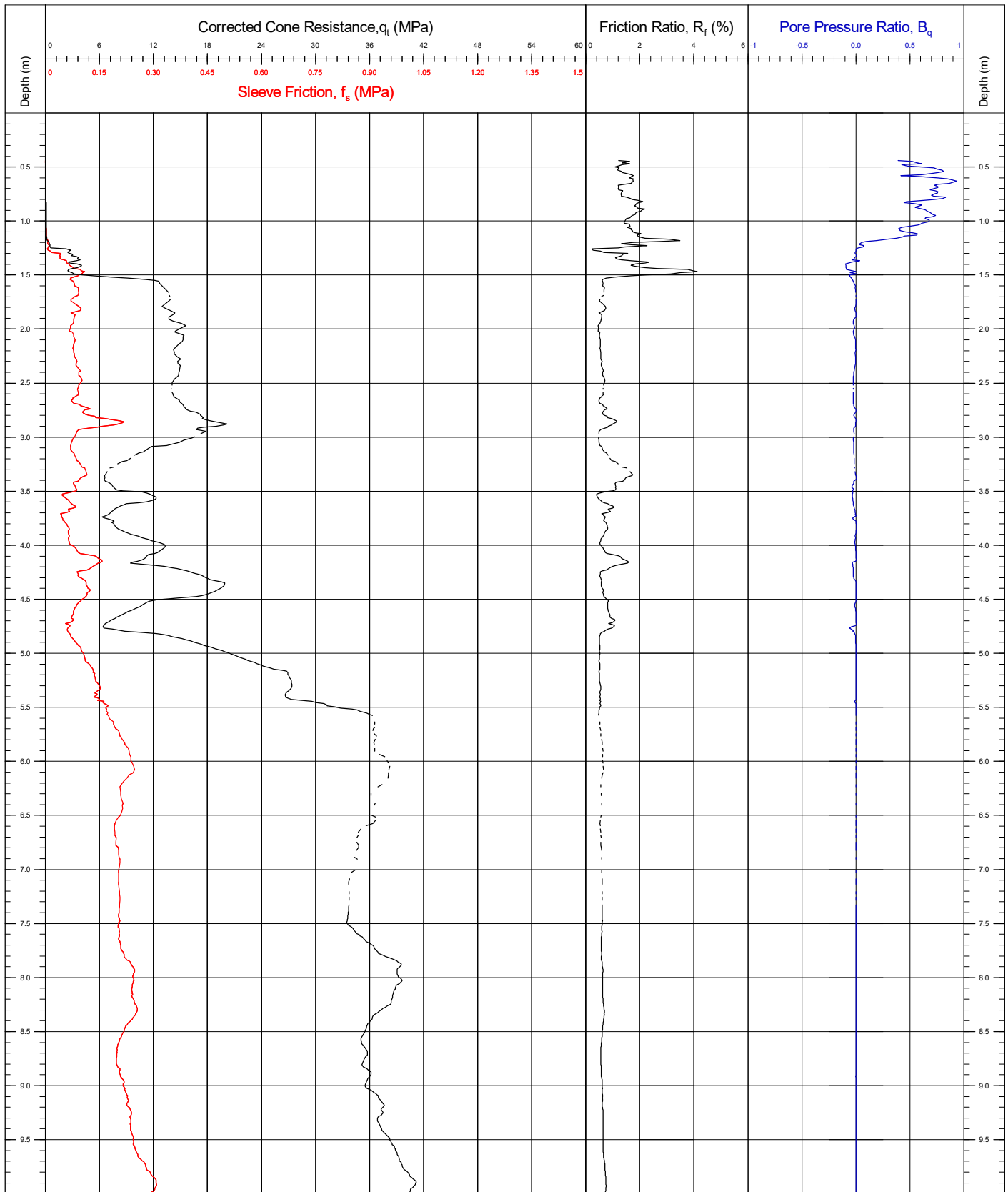


Area	Kattegat Sea	Coordinates	674879.50E 6255586.40N	CPT Number	
Contract	11596	Latitude / Longitude		CPT8	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.62	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test	27/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 20.80m. Test was terminated at the operators discretion due to lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands.		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(27/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

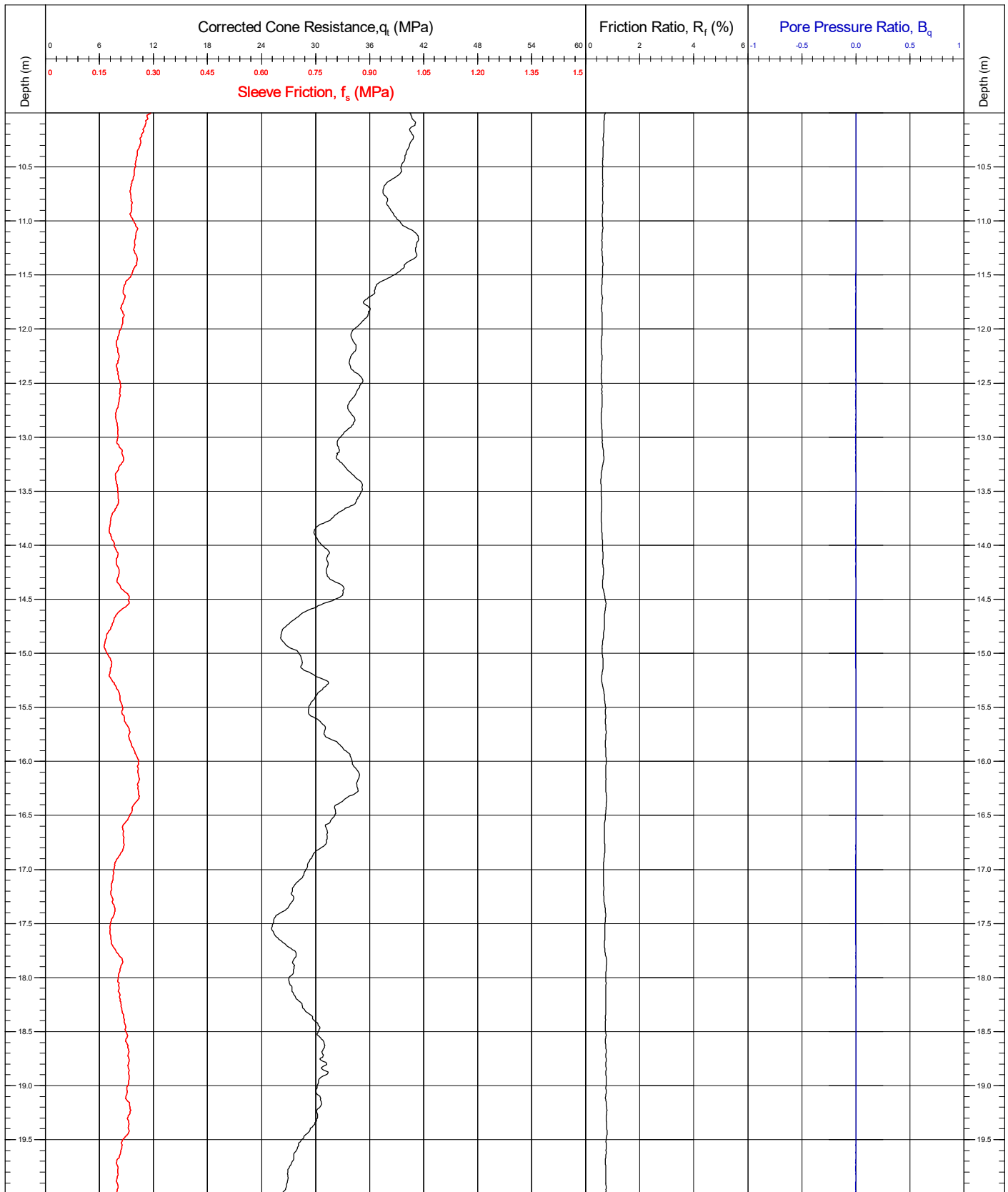


Area	Kattegat Sea	Coordinates	676157.00E 6257143.60N	CPT Number		
Contract	11596	Latitude / Longitude		CPT9		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54			
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	Page: 1/4		
<small>Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination- SBF inclination and increasing total load.</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	QC Status		
		Base Inclination	X = 1.5° / Y = 2.6°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

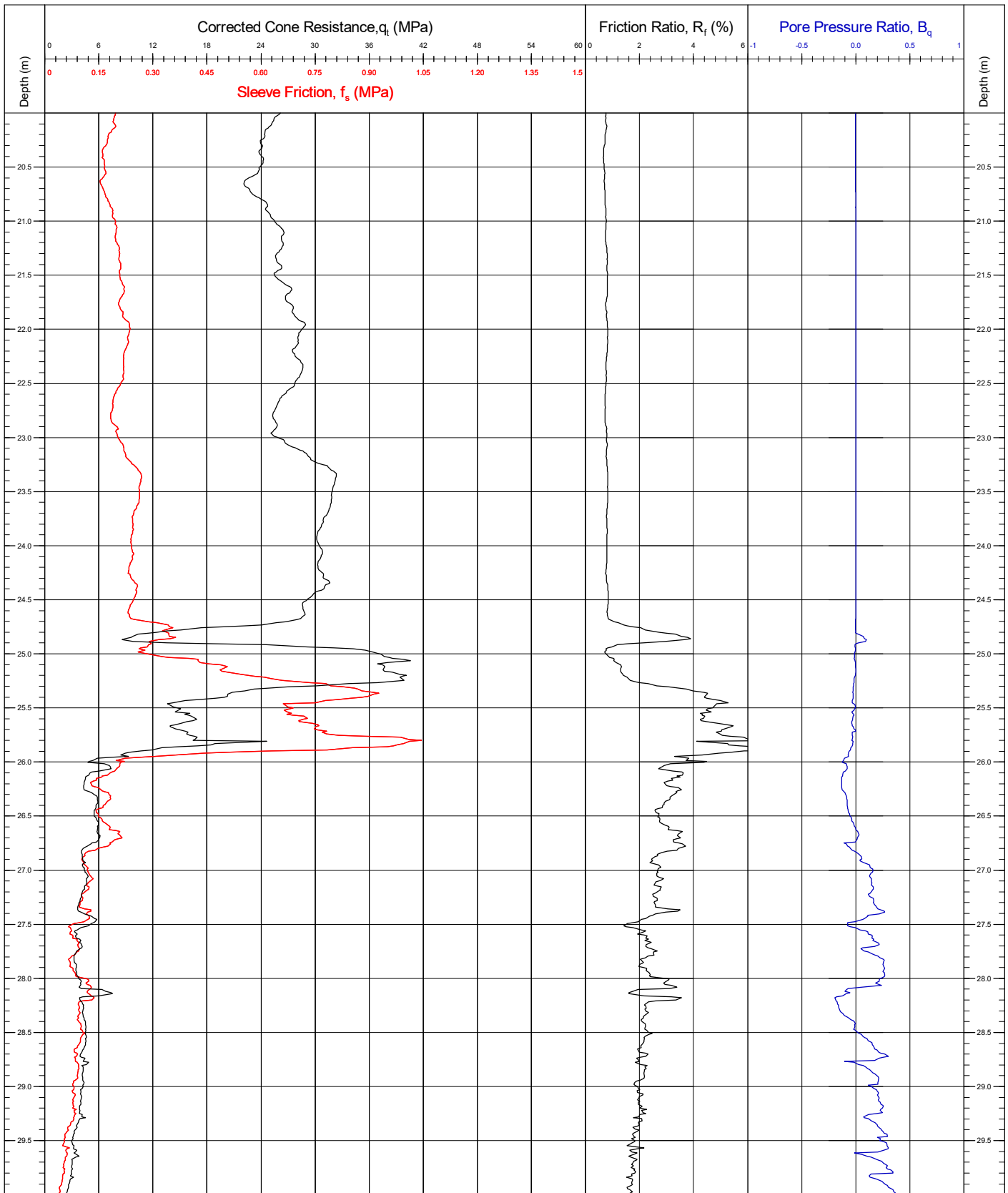


Area	Kattegat Sea	Coordinates	676157.00E 6257143.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT9	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status	
Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination-SBF inclination and increasing total load.		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.5° / Y = 2.6°	JK/BC	DR
		CRS	ETRS89	(26/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

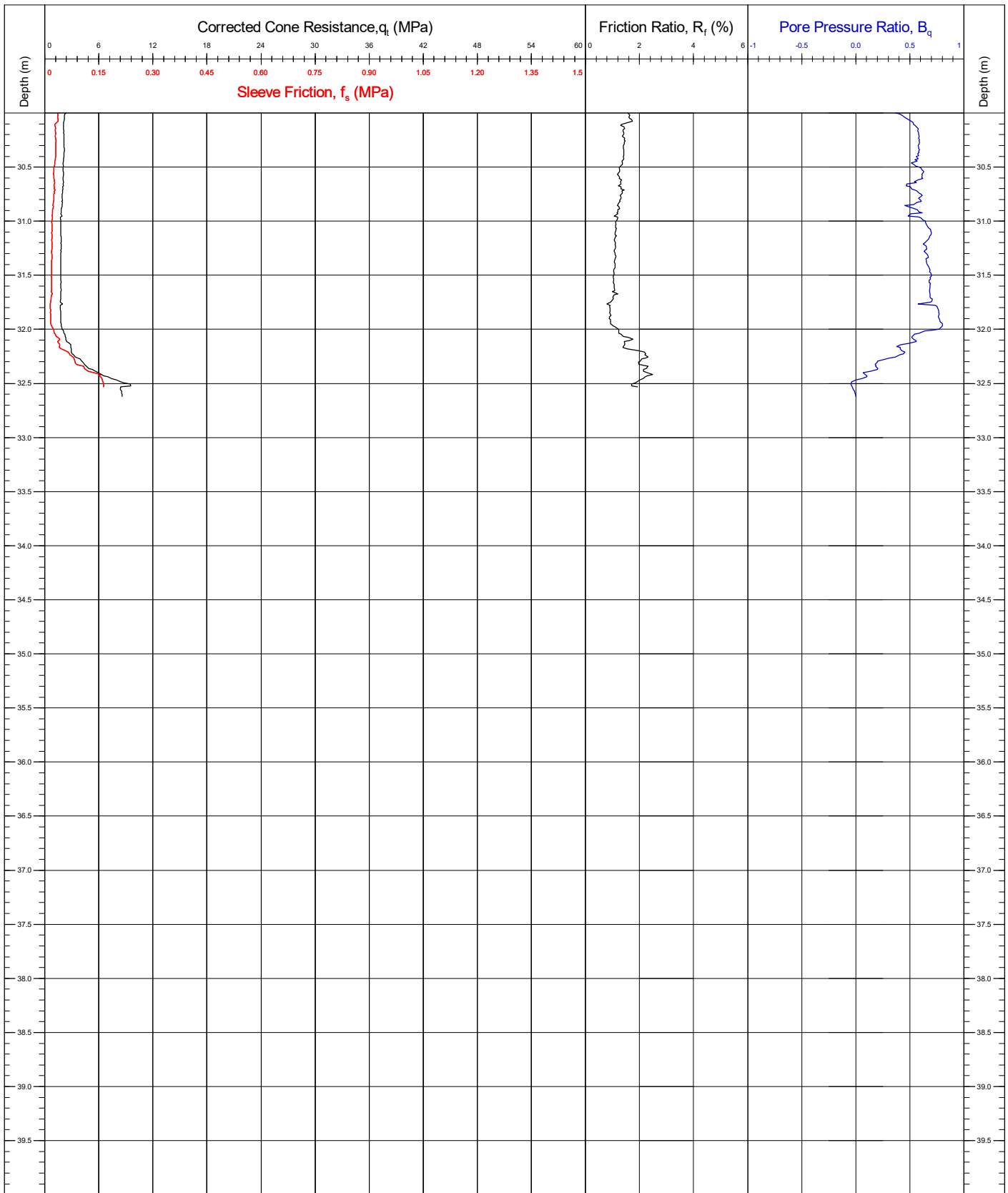


Area	Kattegat Sea	Coordinates	676157.00E	6257143.60N	CPT Number
Contract	11596	Latitude / Longitude			CPT9
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54		Page: 3/4
Vessel	MV Ocean Vantage	Date of Test	26/04/2021		QC Status
Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination-SBF inclination and increasing total load.		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.5° / Y = 2.6°		Draft
		CRS	ETRS89		Final
			JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

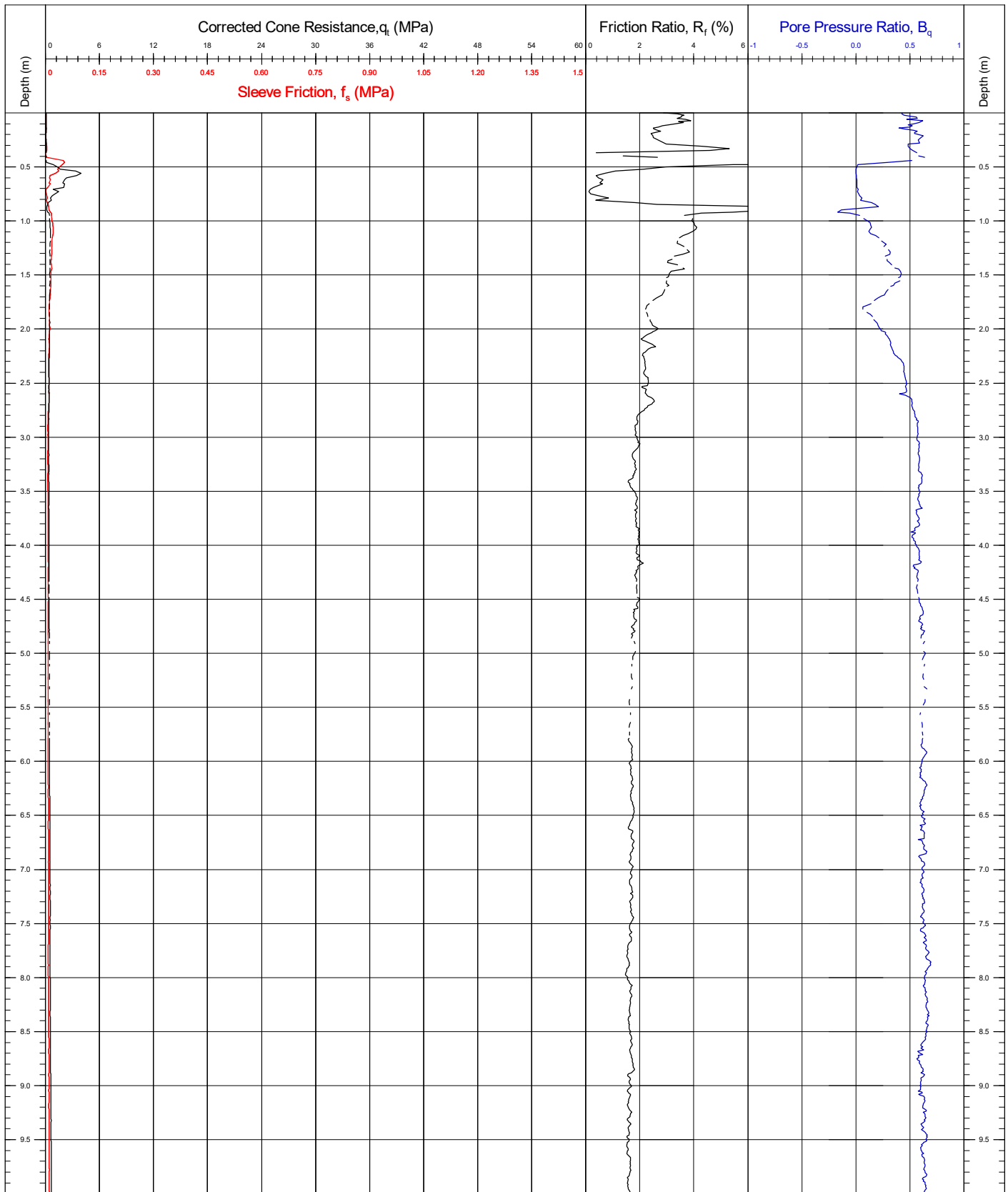


Area	Kattegat Sea	Coordinates	676157.00E 6257143.60N	CPT Number			
Contract	11596	Latitude / Longitude		CPT9			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.54				
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	Page: 4/4			
<small>Comments: Cone Class 2. Continuous seabed CPT. Final depth 32.20m. Test was terminated due to increasing cone inclination- SBF inclination and increasing total load.</small>				QC Status			
				Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.5° / Y = 2.6°		JK/BC	DR	SMc
		CRS	ETRS89		(26/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

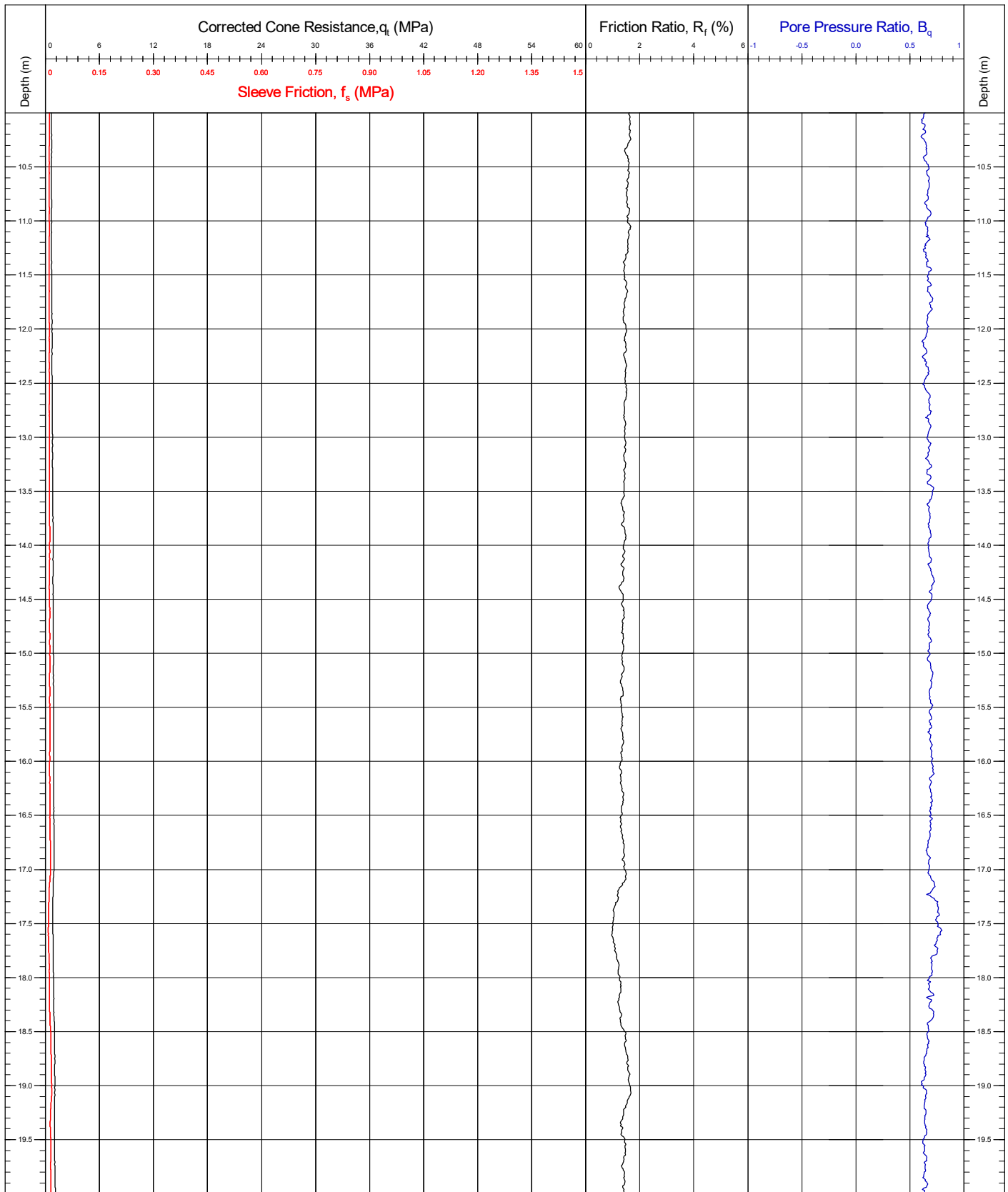


Area	Kattegat Sea	Coordinates	678861.00E 6255157.80N	CPT Number							
Contract	11596	Latitude / Longitude		CPT10							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 1/4							
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status							
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline		Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(28/04/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>		Preliminary	Draft	Final	JK/BC <small>(28/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
		Preliminary	Draft			Final					
		JK/BC <small>(28/04/2021)</small>	DR <small>(10/06/2021)</small>			SMc <small>(10/11/2021)</small>					
Base Inclination	X = 0.0° / Y = -0.1°										
CRS	ETRS89										



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

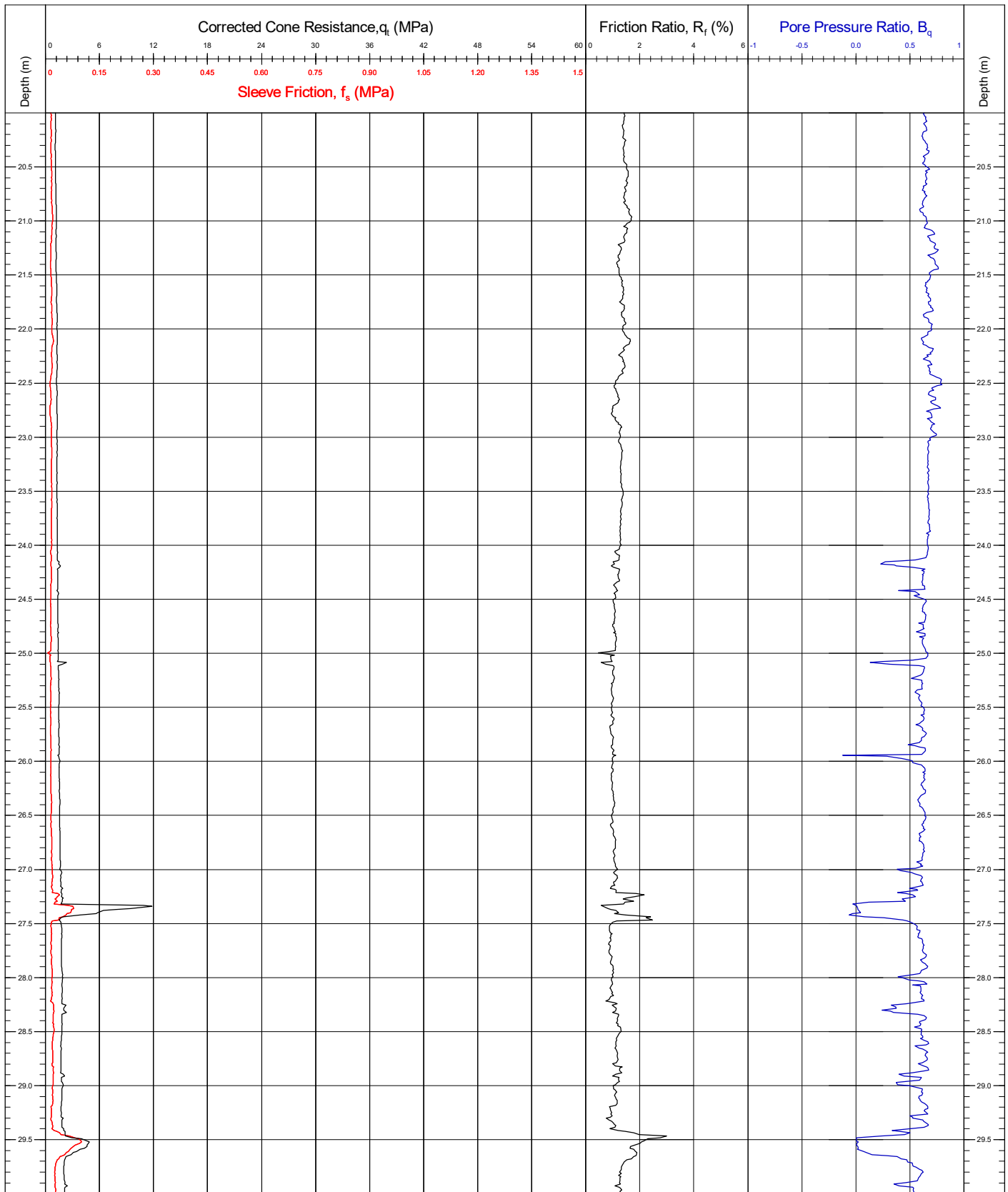


Area	Kattegat Sea	Coordinates	678861.00E 6255157.80N	CPT Number							
Contract	11596	Latitude / Longitude		CPT10							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 2/4							
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status							
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline		Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(28/04/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>		Preliminary	Draft	Final	JK/BC <small>(28/04/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
		Preliminary	Draft			Final					
		JK/BC <small>(28/04/2021)</small>	DR <small>(10/06/2021)</small>			SMc <small>(10/11/2021)</small>					
Base Inclination	X = 0.0° / Y = -0.1°										
CRS	ETRS89										



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

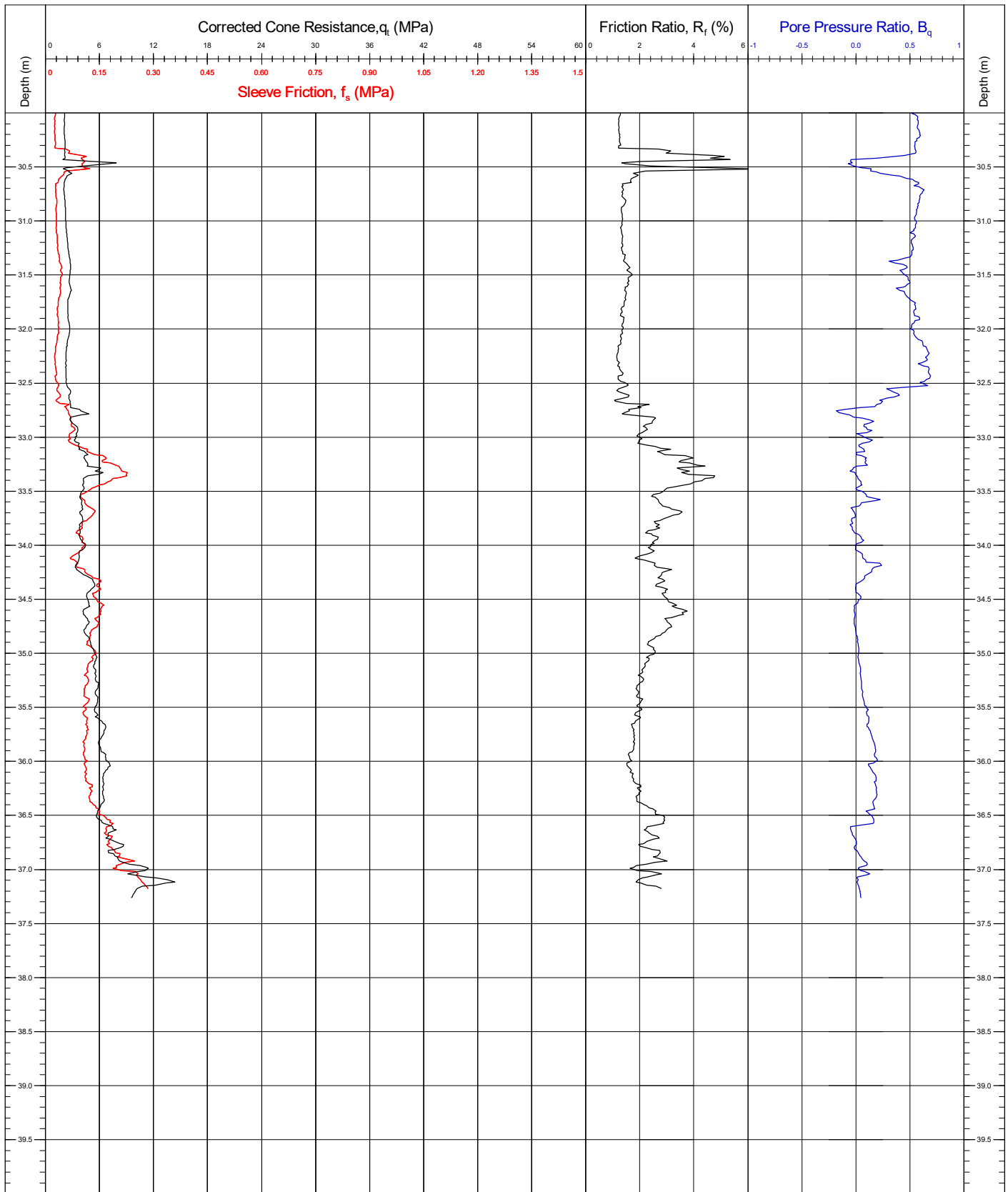


Area	Kattegat Sea	Coordinates	678861.00E 6255157.80N	CPT Number	
Contract	11596	Latitude / Longitude		CPT10	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline		Cone No.(size)/α Factor	100976 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = -0.1°	JK/BC DR SMc	
		CRS	ETRS89	(28/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

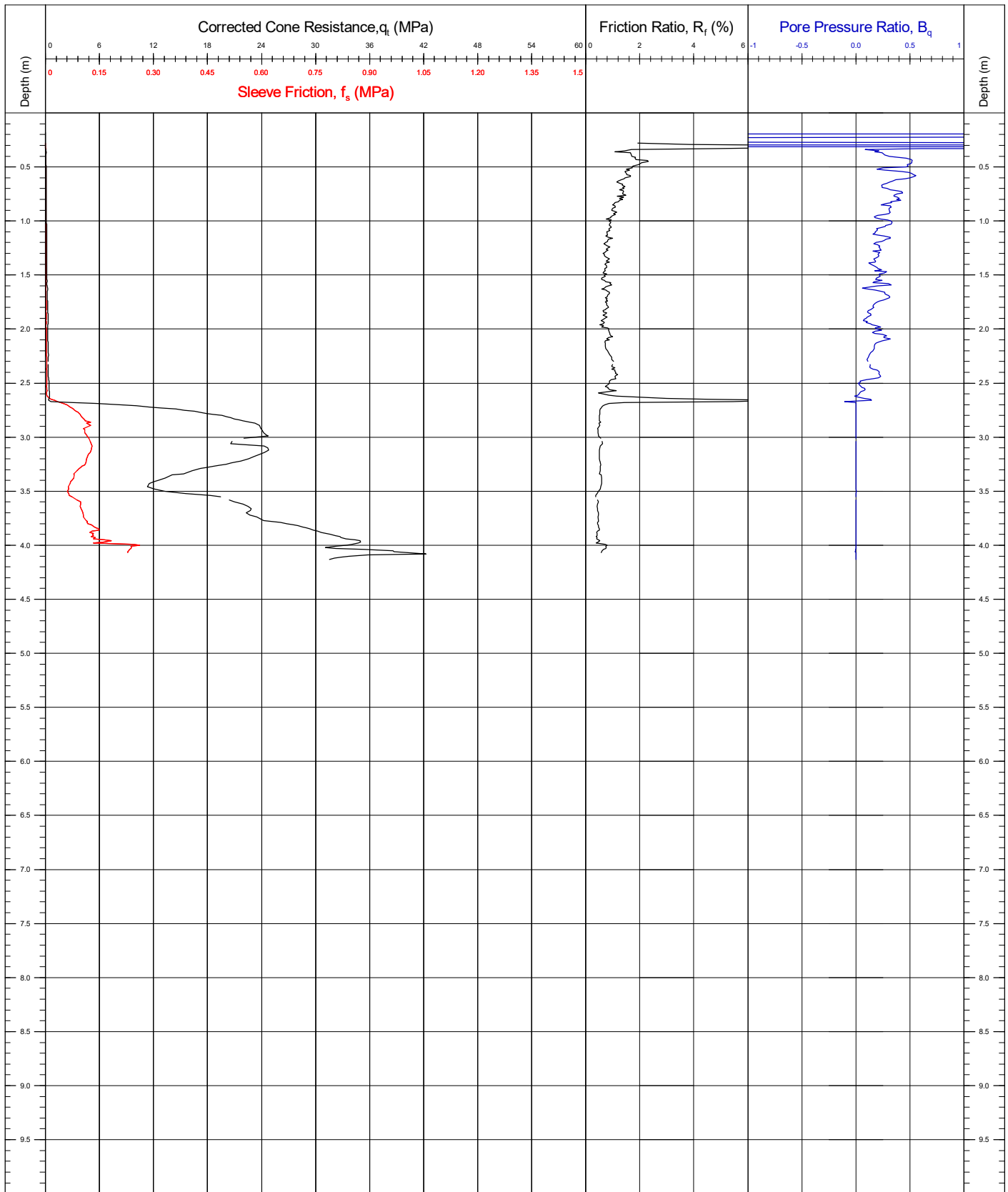


Area	Kattegat Sea	Coordinates	678861.00E 6255157.80N	CPT Number	
Contract	11596	Latitude / Longitude		CPT10	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 37.29m. Test terminated due to increasing total force- increasing cone inclination and a lack of lateral rod support from mudline		Cone No.(size)/ α Factor	100976 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = -0.1°	JK/BC DR SMc	
		CRS	ETRS89	(28/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

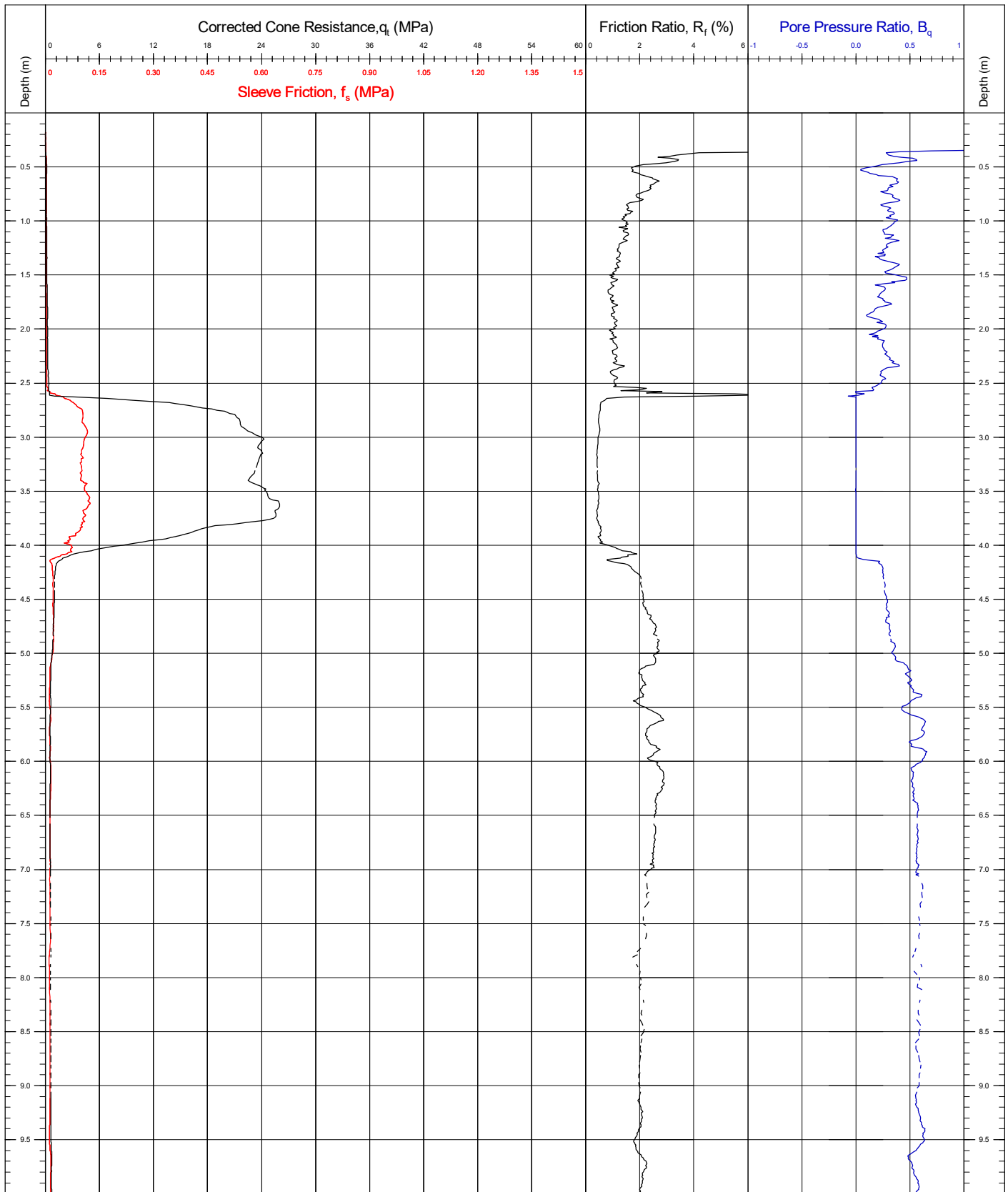


Area	Kattegat Sea	Coordinates	666385.90E 6259321.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT11	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.78	Page: 1/1	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 3.97m. Test terminated due to a maximum sleeve friction refusal.		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(29/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

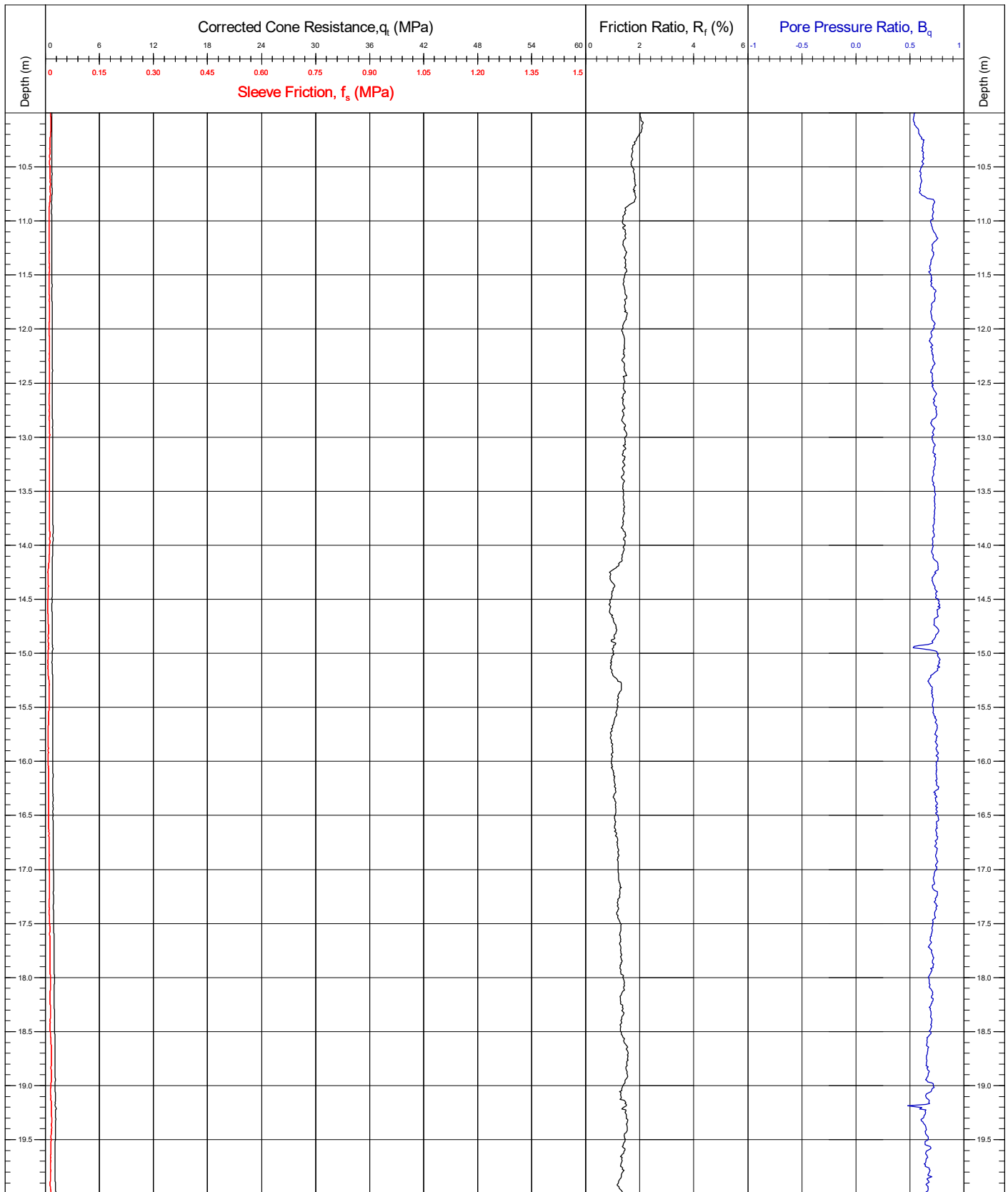


Area	Kattegat Sea	Coordinates	666386.20E 6259316.50N	CPT Number	
Contract	11596	Latitude / Longitude		CPT11a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74	Page: 1/5	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

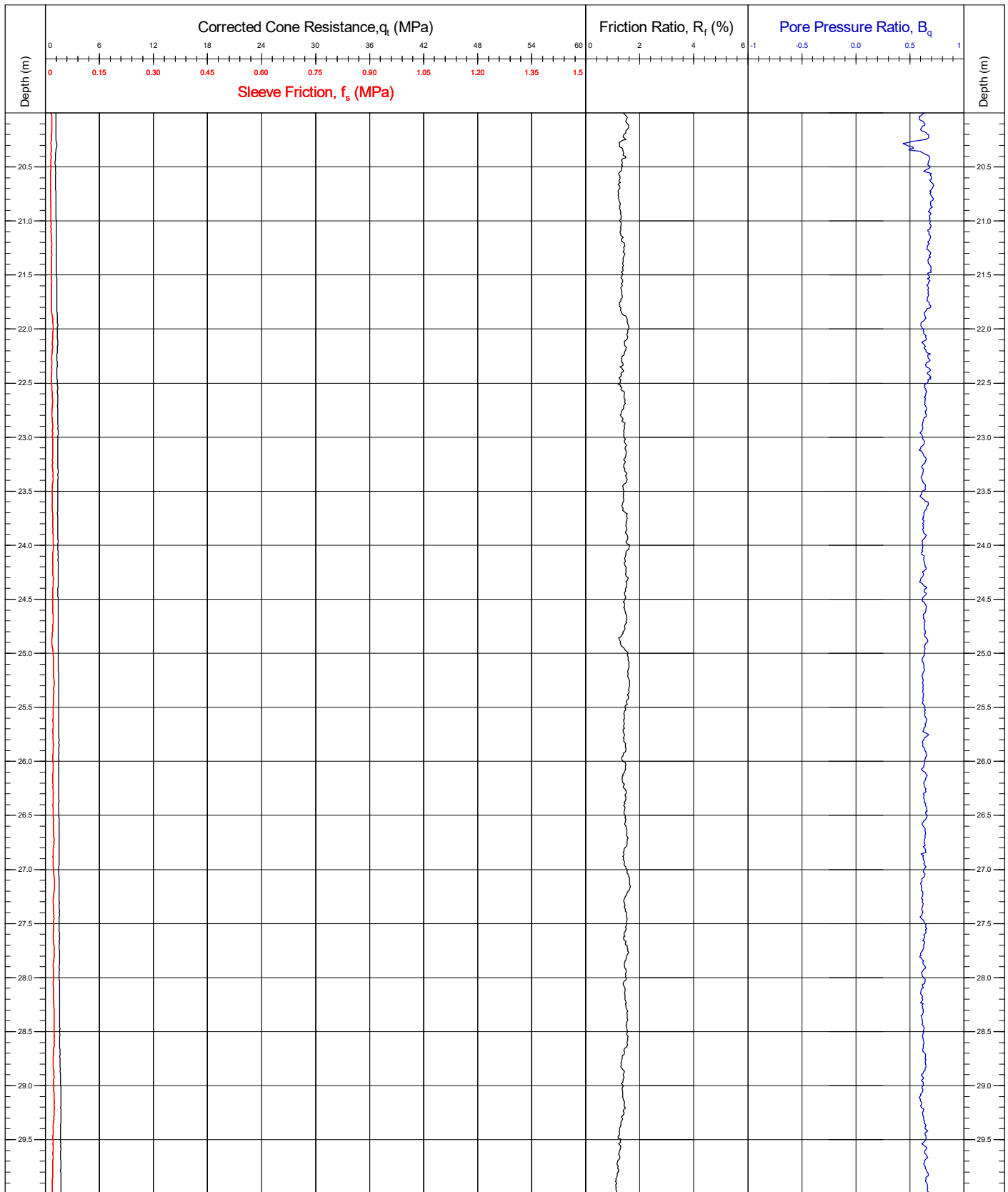


Area	Kattegat Sea	Coordinates	666386.20E 6259316.50N	CPT Number	
Contract	11596	Latitude / Longitude		CPT11a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74	Page: 2/5	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC DR SMC	
		CRS	ETRS89	(29/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

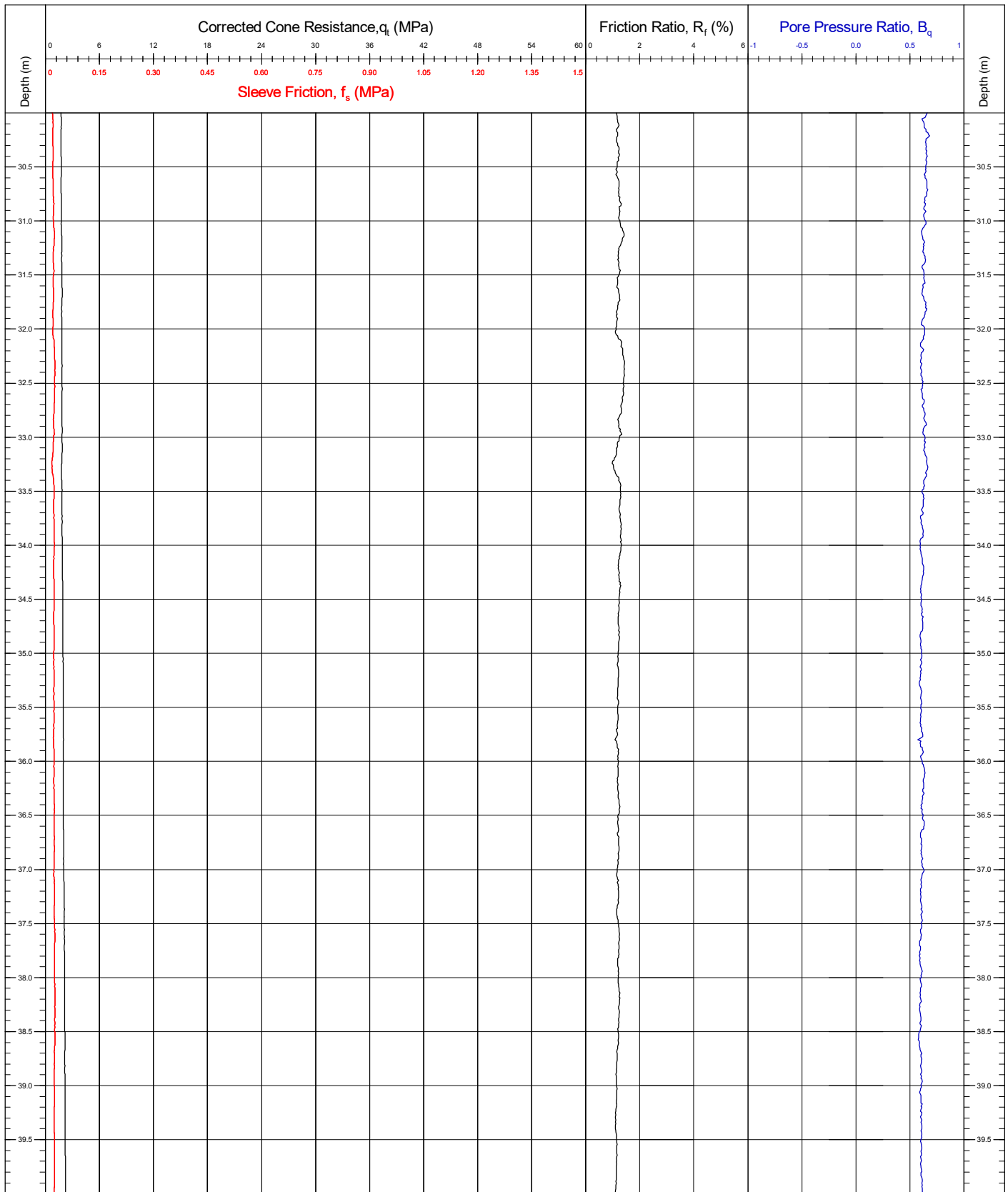


Area	Kattegat Sea	Coordinates	666386.20E 6259316.50N	CPT Number CPT11a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74	Page: 3/5		
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend</small>		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

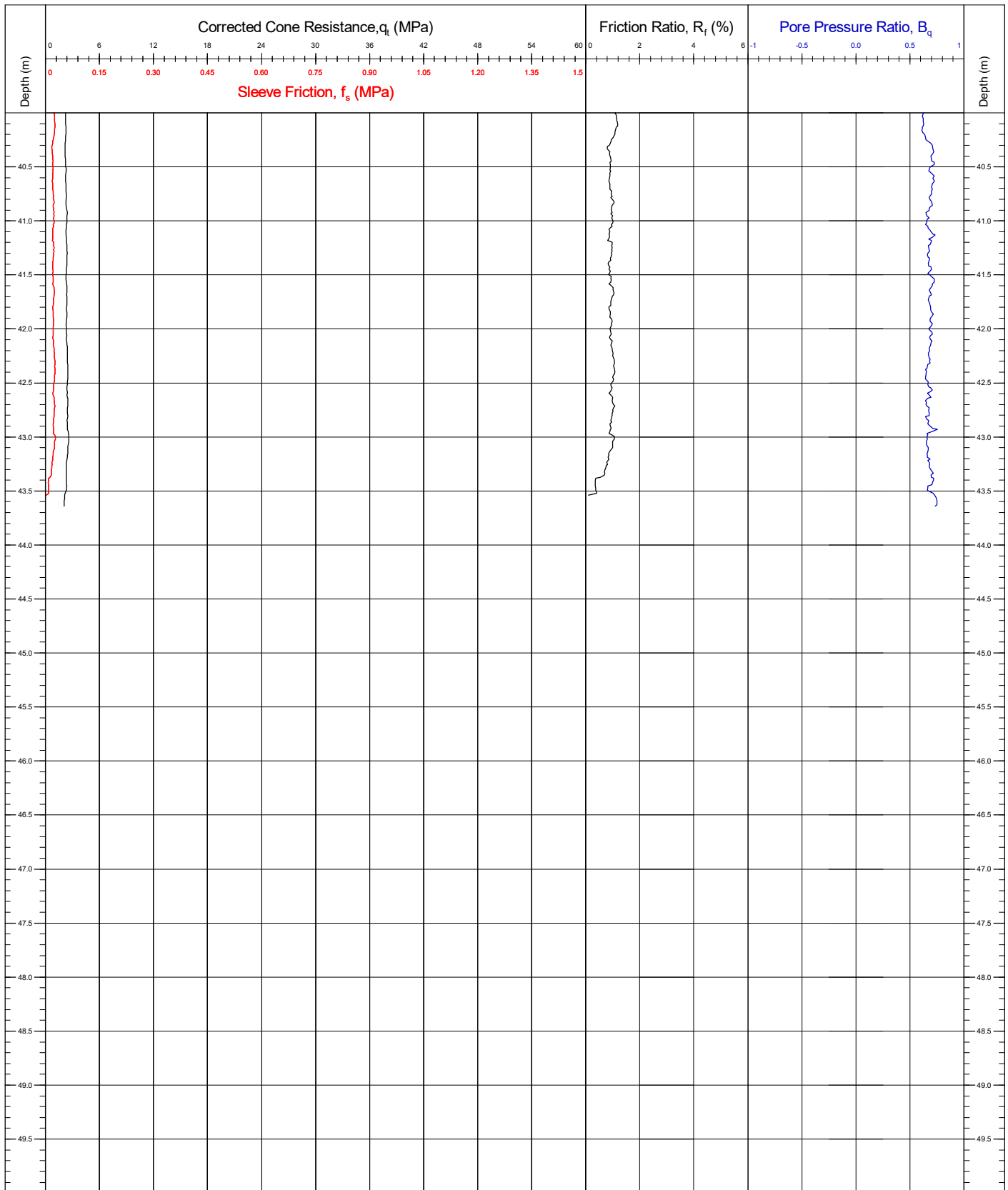


Area	Kattegat Sea	Coordinates	666386.20E 6259316.50N	CPT Number		
Contract	11596	Latitude / Longitude		CPT11a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74	Page: 4/5		
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81	Preliminary		
		Base Inclination	X = 1.1° / Y = 1.0°	Draft		
		CRS	ETRS89	Final		
				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

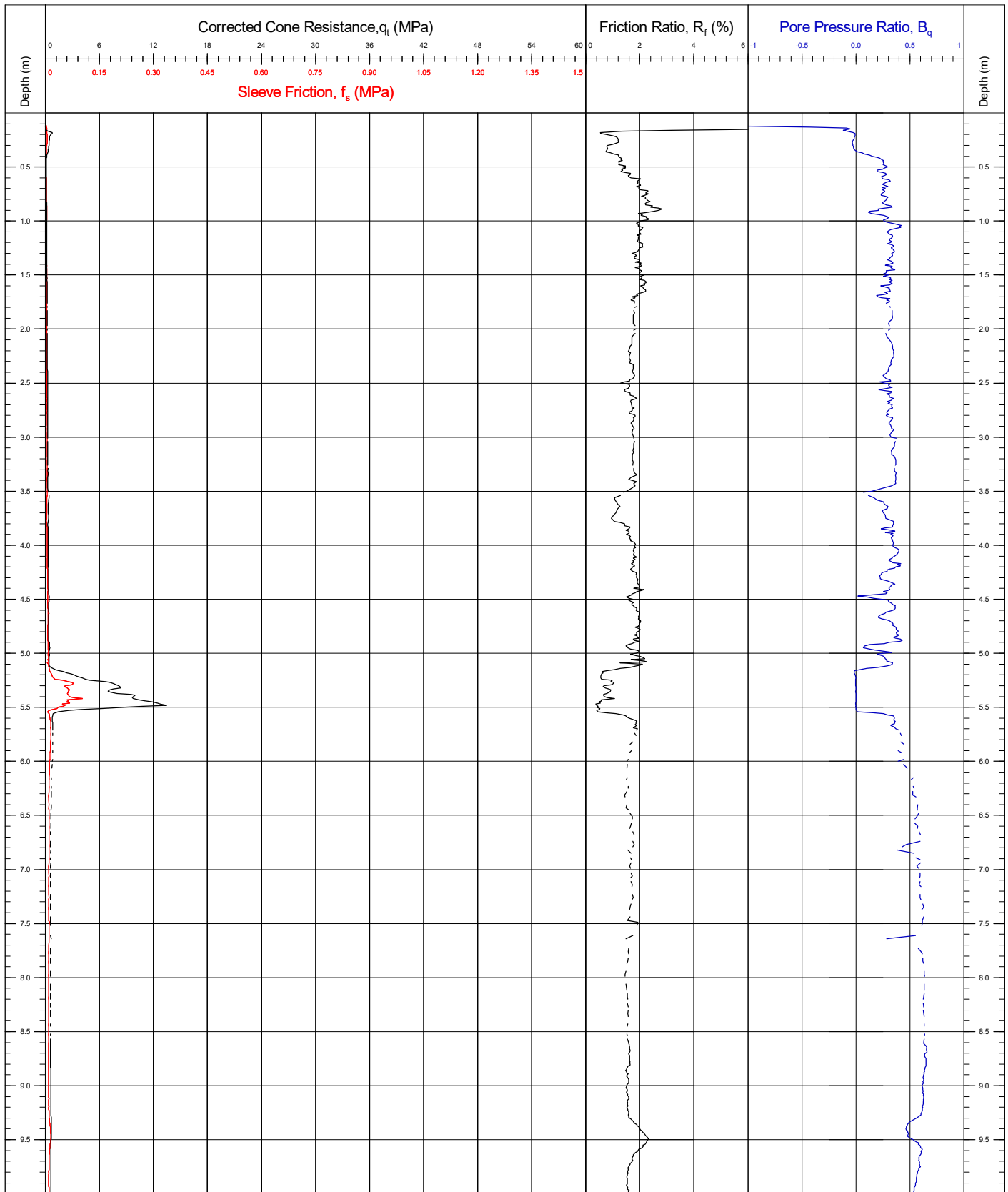


Area	Kattegat Sea	Coordinates	666386.20E 6259316.50N	CPT Number	
Contract	11596	Latitude / Longitude		CPT11a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.74	Page: 5/5	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 43.46m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(29/04/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

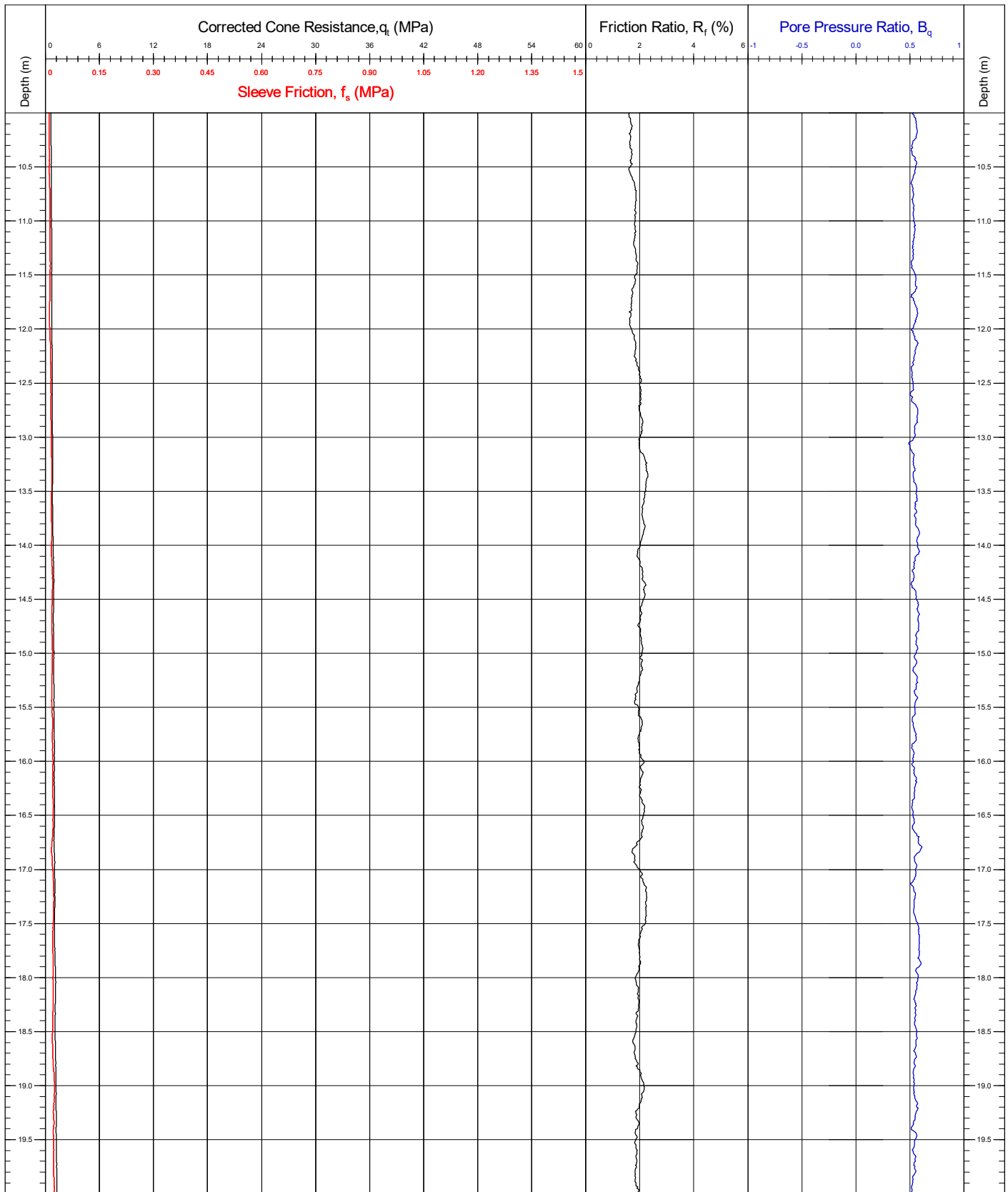


Area	Kattegat Sea	Coordinates	668527.90E 6259970.00N	CPT Number		
Contract	11596	Latitude / Longitude		CPT12		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.08			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 1/4		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend</small>				QC Status		
				Cone No.(size)/ α Factor 181005 (10cm²) / 0.73		
Base Inclination				X = 1.2° / Y = 0.8°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

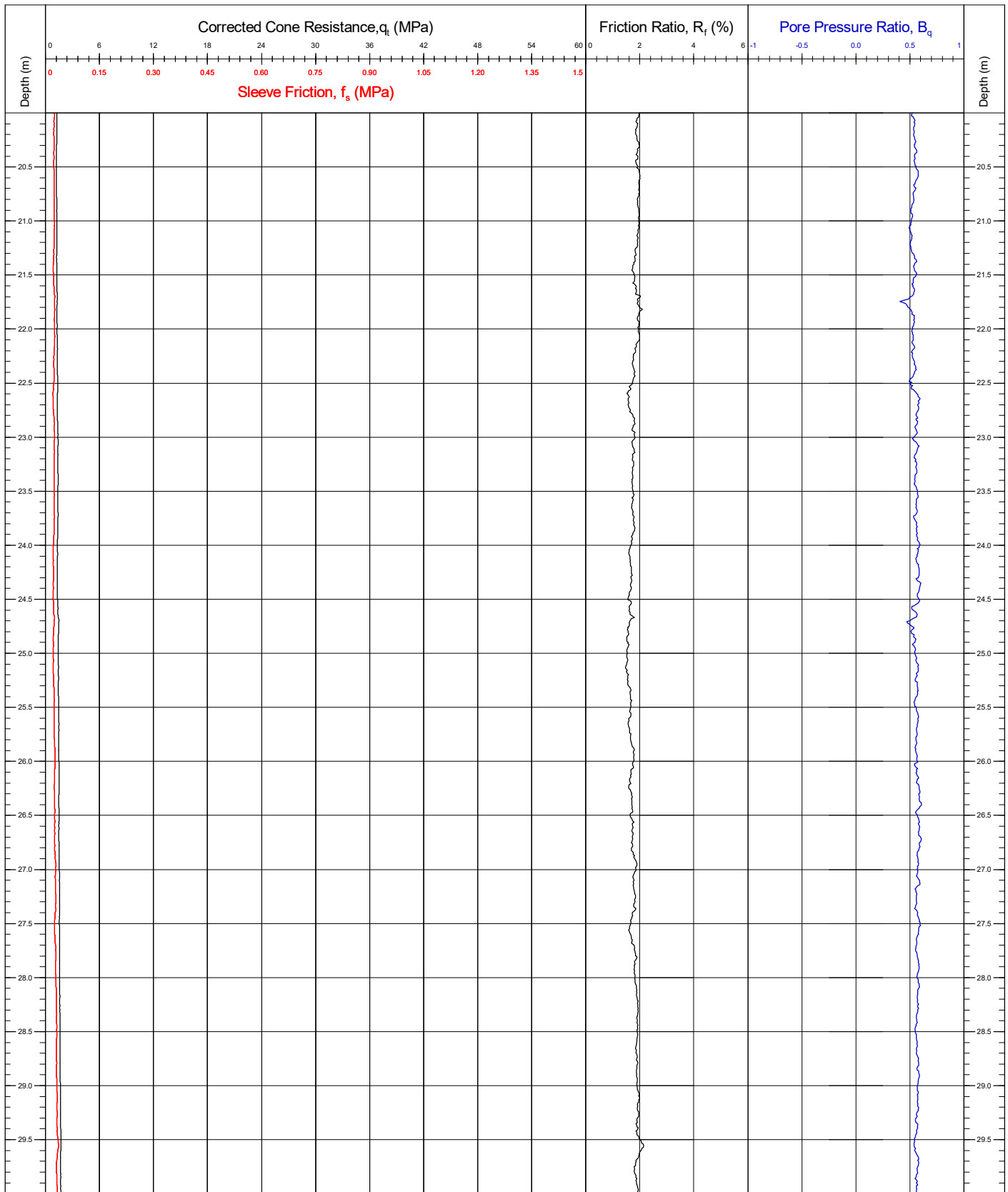


Area	Kattegat Sea	Coordinates	668527.90E 6259970.00N	CPT Number		
Contract	11596	Latitude / Longitude		CPT12		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.08			
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	Page: 2/4		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend</small>				QC Status		
				Cone No.(size)/ α Factor 181005 (10cm²) / 0.73		
Base Inclination				X = 1.2° / Y = 0.8°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

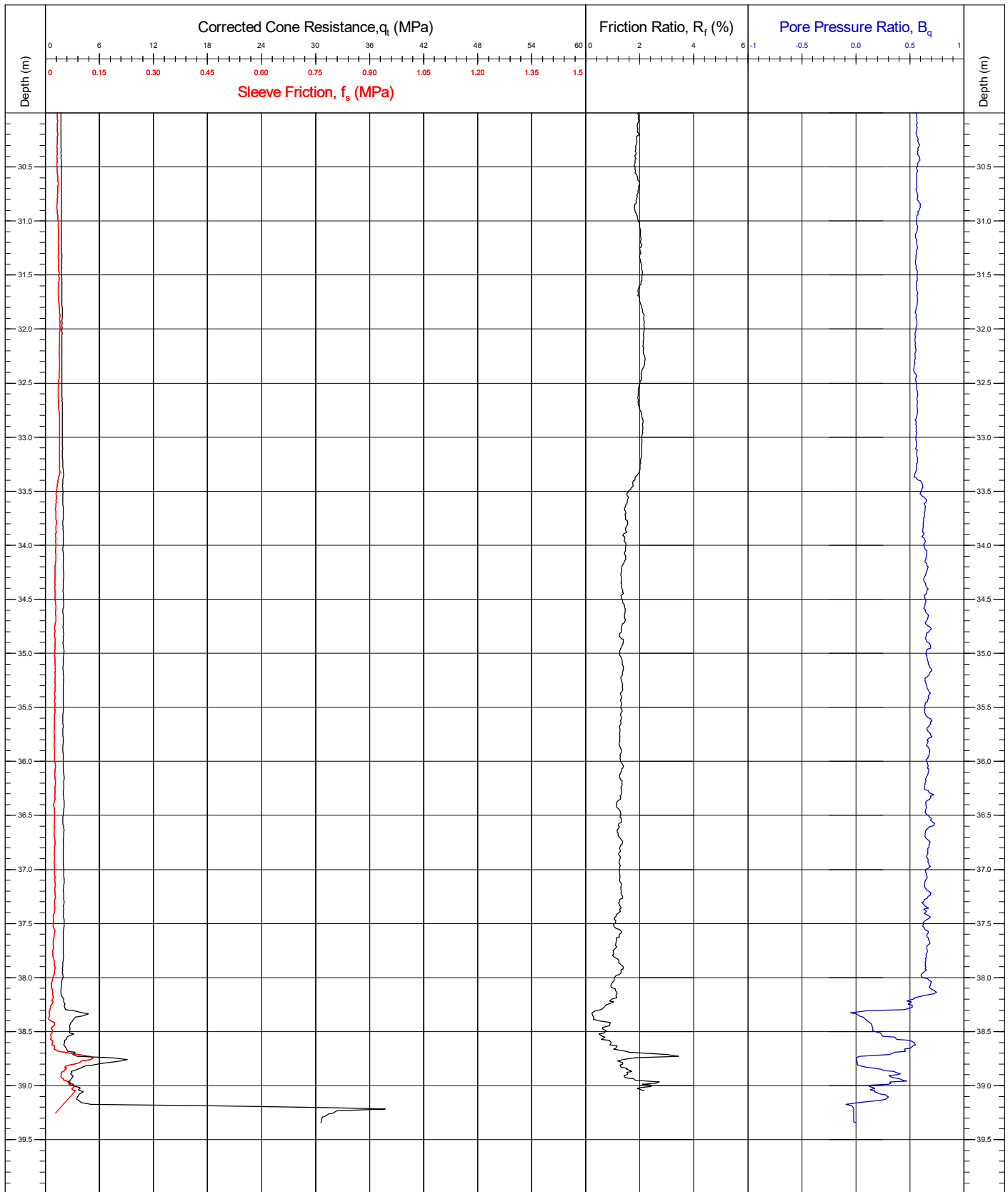


Area	Kattegat Sea	Coordinates	668527.90E 6259970.00N	CPT Number CPT12		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.08	Page: 3/4		
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status		
Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/ α Factor	181005 (10cm ²) / 0.73	Preliminary		
		Base Inclination	X = 1.2° / Y = 0.8°	Draft		
		CRS	ETRS89	Final		
				JK/BC (29/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

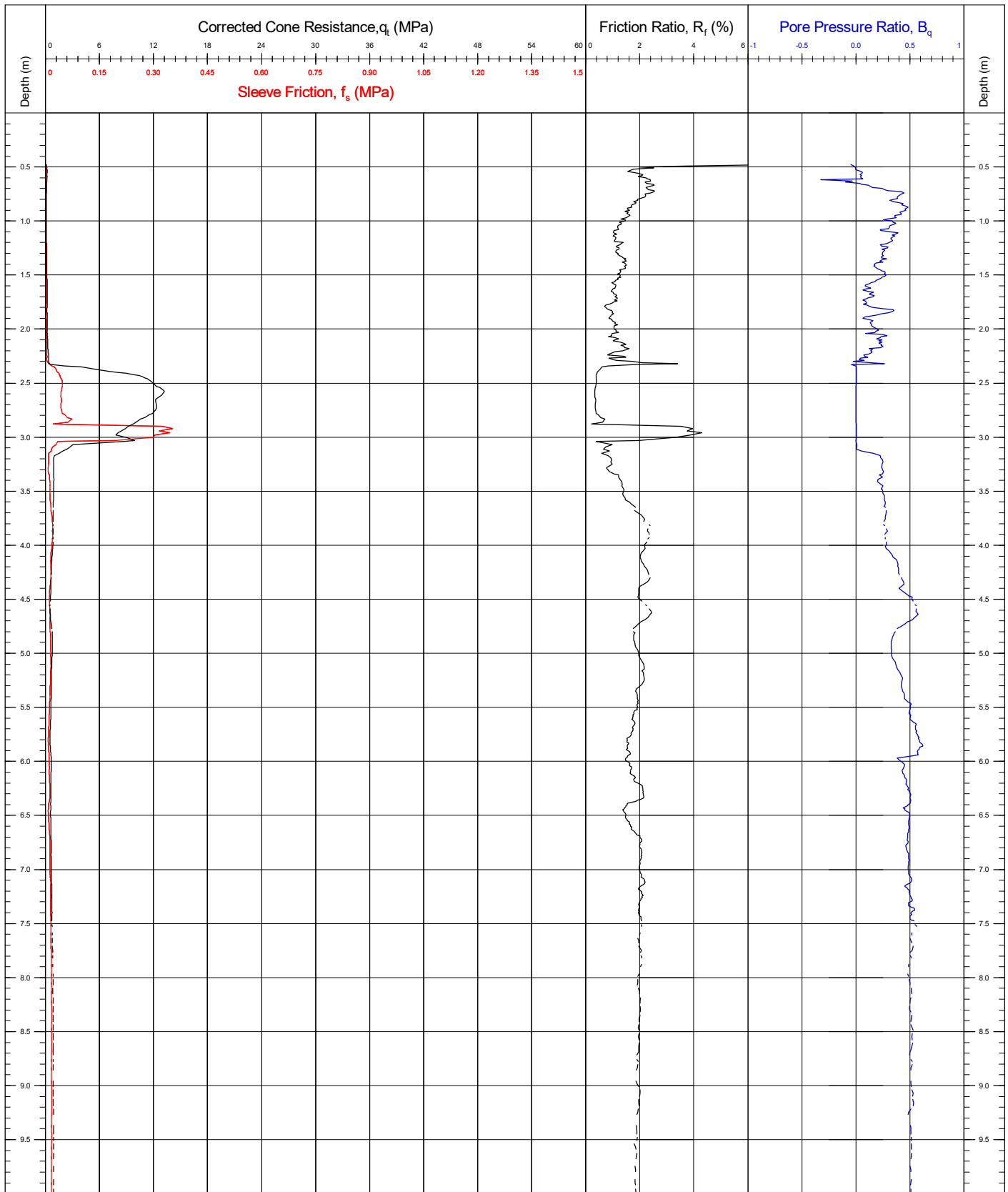


Area	Kattegat Sea	Coordinates	668527.90E 6259970.00N	CPT Number	
Contract	11596	Latitude / Longitude		CPT12	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	26.08	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	29/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 39.53m. Test terminated at operators discretion due to high inclination- total load and risk of rod bend		Cone No.(size)/α Factor	181005 (10cm ²) / 0.73	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC DR SMc	
		CRS	ETRS89	(29/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

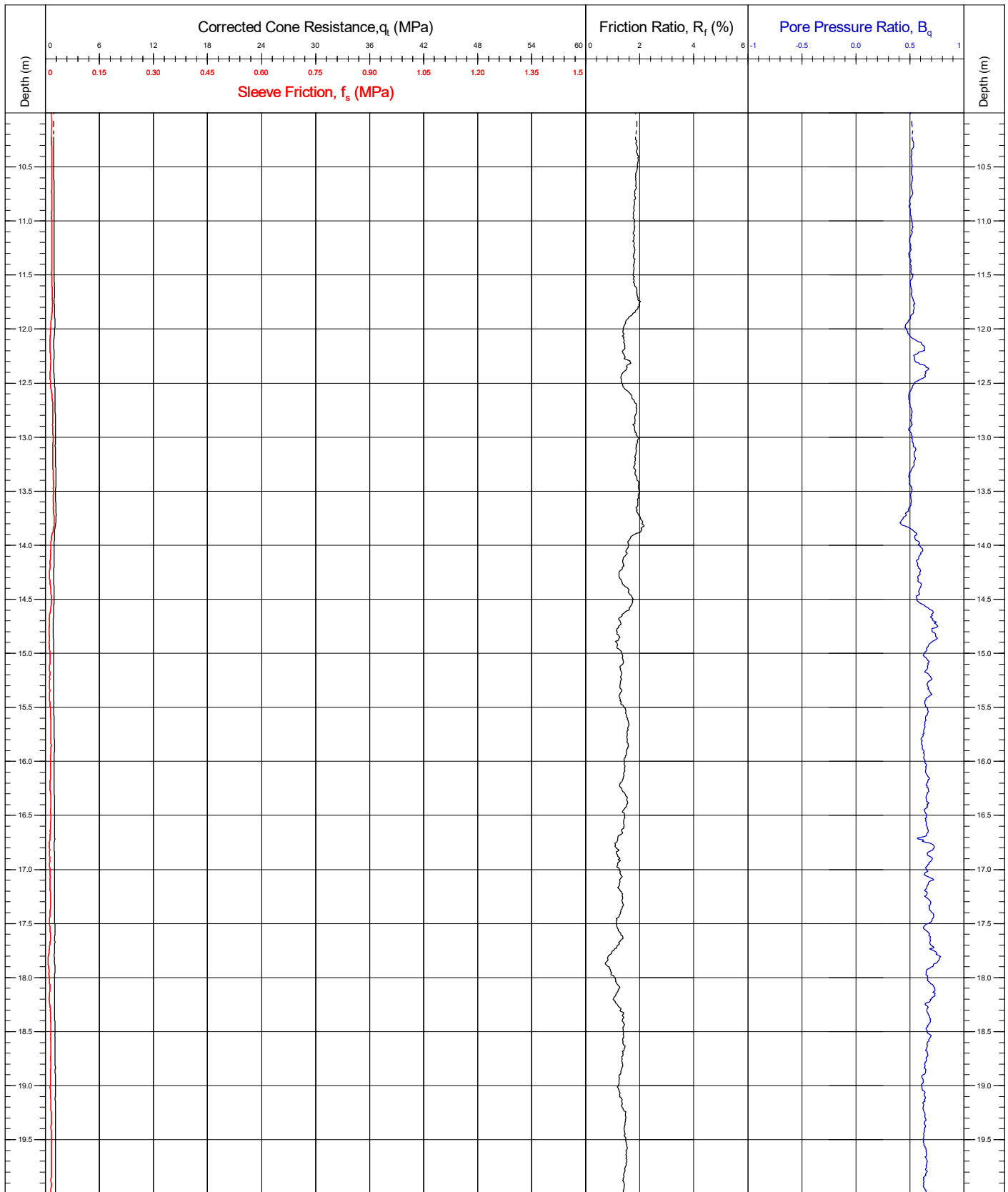


Area	Kattegat Sea	Coordinates	671351.30E 6258725.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT13		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.34			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 1/4		
Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.				QC Status		
				Cone No.(size)/ α Factor	181009 (10cm ²) / 0.86	
Base Inclination				X = 1.2° / Y = 0.8°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

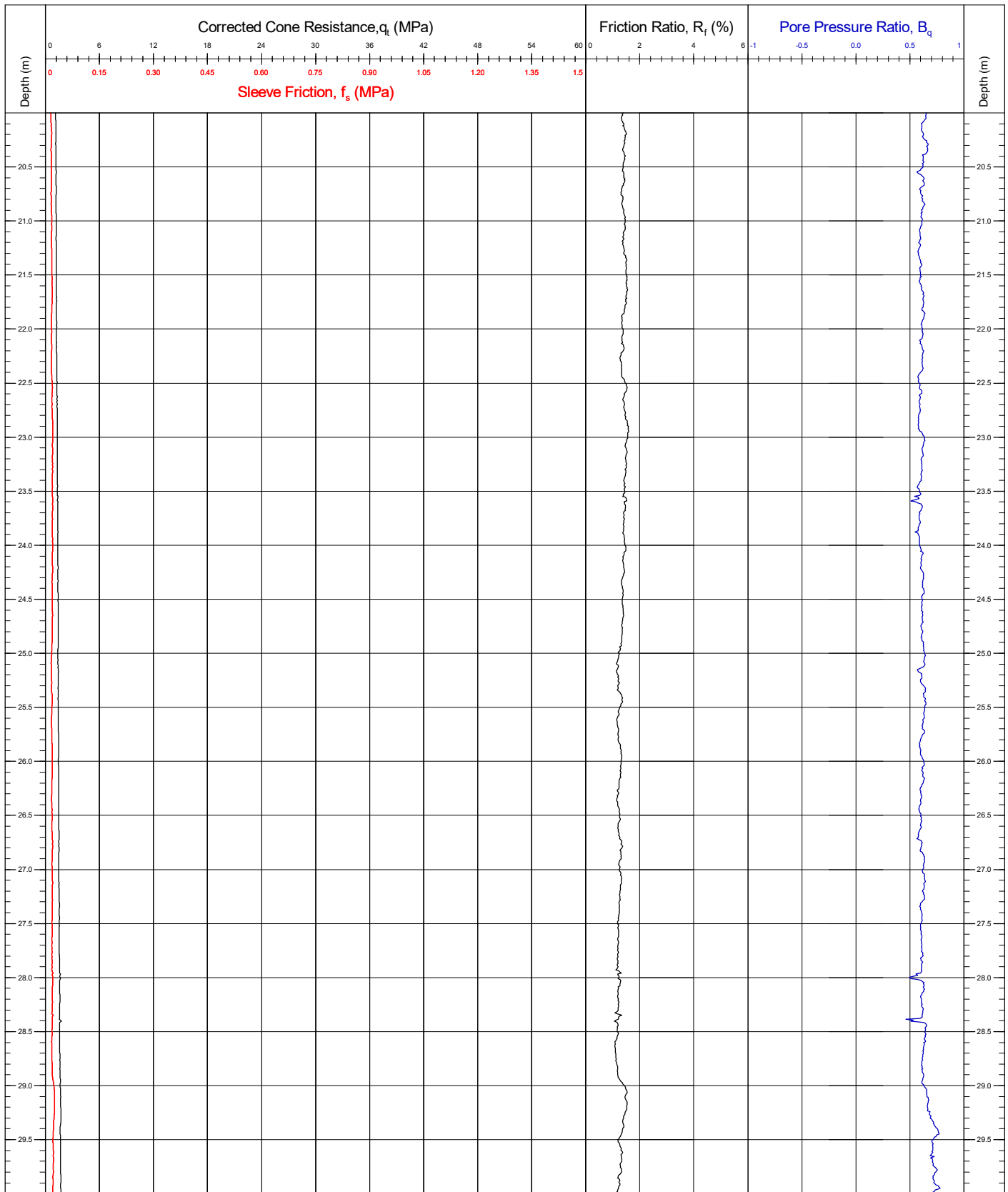


Area	Kattegat Sea	Coordinates	671351.30E 6258725.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT13		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.34			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 2/4		
Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.				QC Status		
				Cone No.(size)/ α Factor	181009 (10cm ²) / 0.86	
		Base Inclination	X = 1.2° / Y = 0.8°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

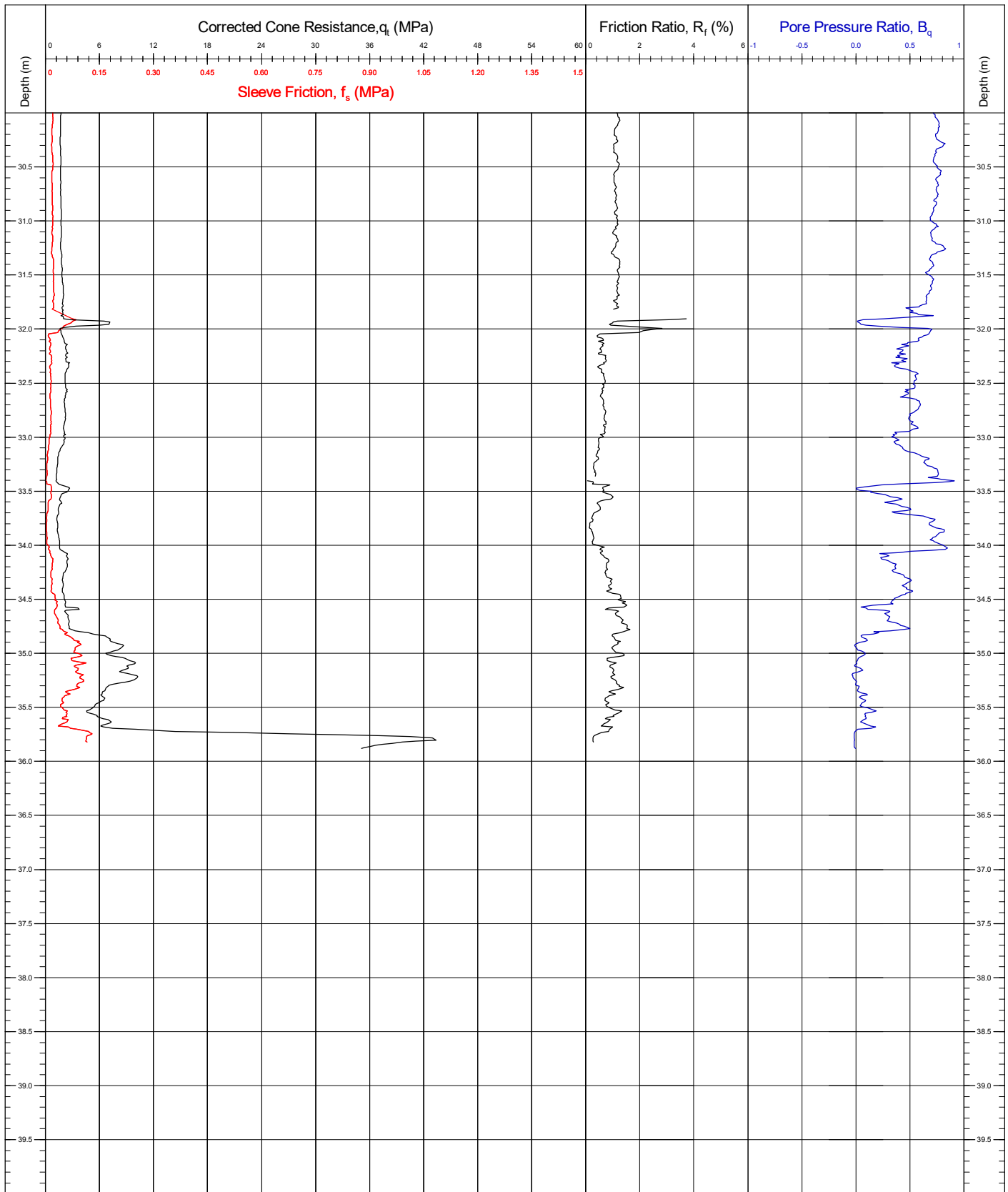


Area	Kattegat Sea	Coordinates	671351.30E 6258725.40N	CPT Number	
Contract	11596	Latitude / Longitude		CPT13	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.34	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.		Cone No.(size)/α Factor	181009 (10cm ²) / 0.86	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC DR SMc	
		CRS	ETRS89	(30/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

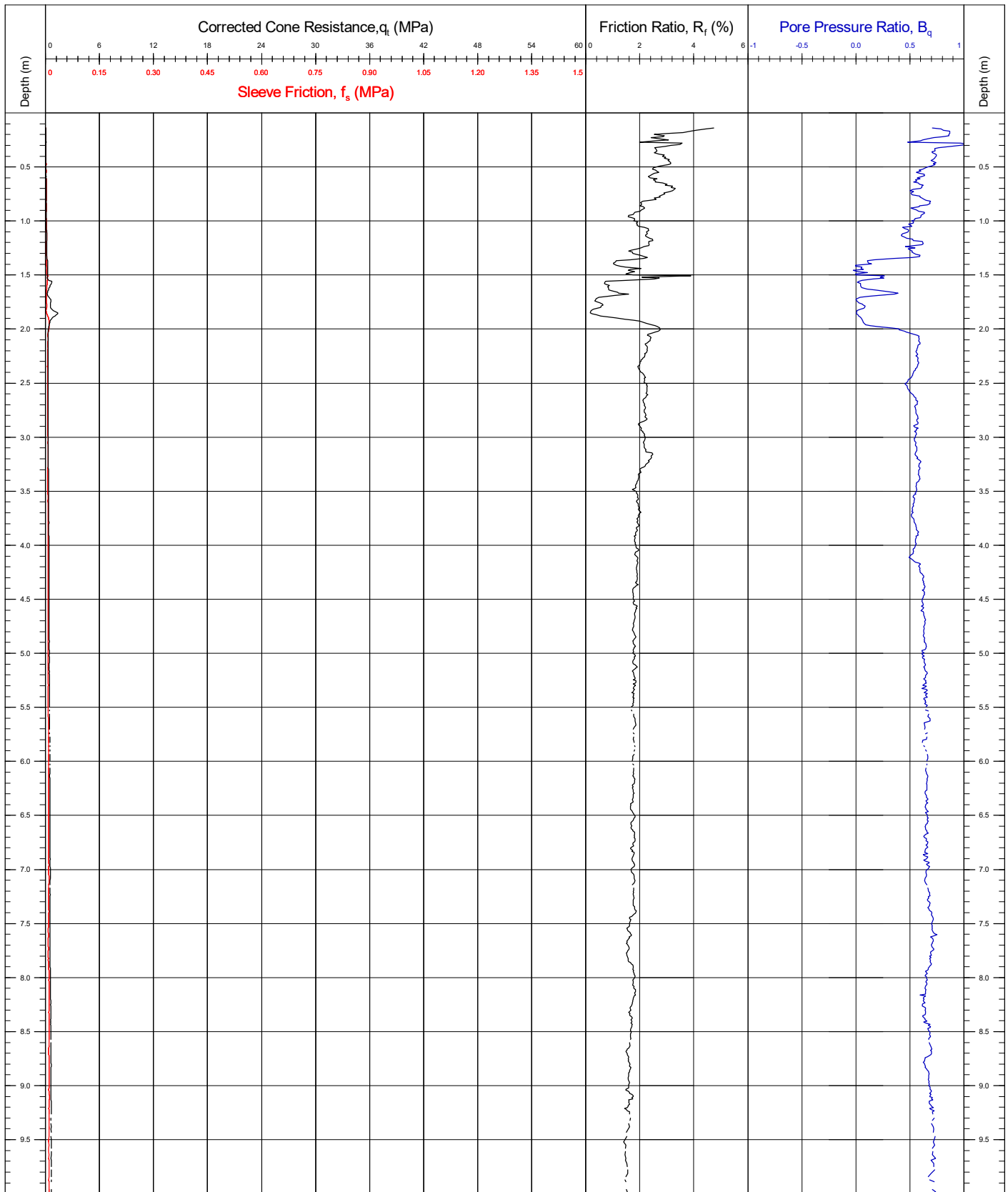


Area	Kattegat Sea	Coordinates	671351.30E 6258725.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT13		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.34	Page: 4/4		
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status		
Comments: Cone class 3. Continuous seabed CPT. Final depth 35.42m. Test terminated due to a maximum sleeve friction refusal.				QC Status		
		Cone No.(size)/ α Factor	181009 (10cm ²) / 0.86	Preliminary	Draft	Final
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

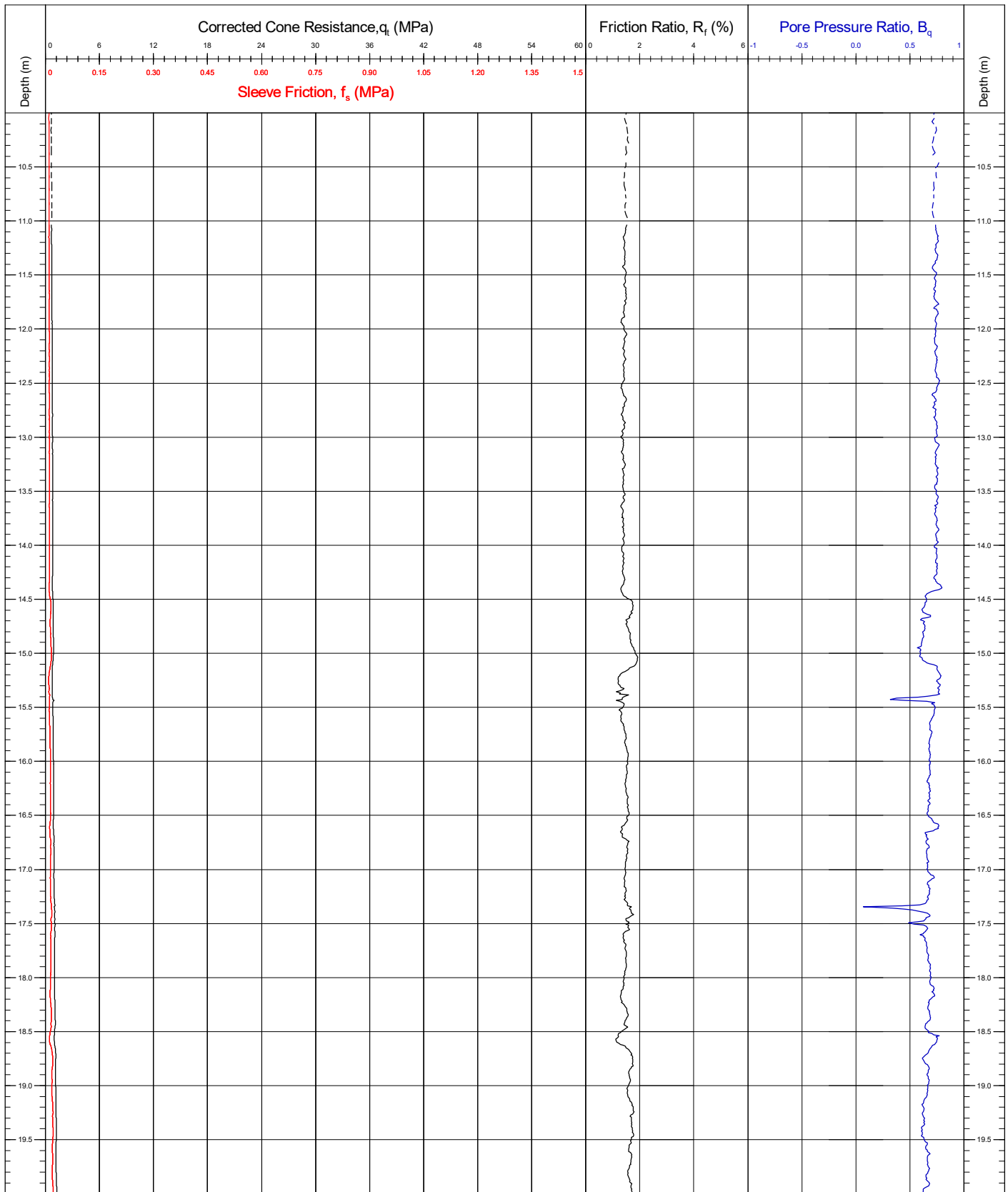


Area	Kattegat Sea	Coordinates	676578.20E	6259609.00N	CPT Number
Contract	11596	Latitude / Longitude			CPT14
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.28		Page: 1/3
Vessel	MV Ocean Vantage	Date of Test	26/04/2021		QC Status
Comments: Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = -0.3° / Y = 1.8°		Draft
		CRS	ETRS89		Final
			JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

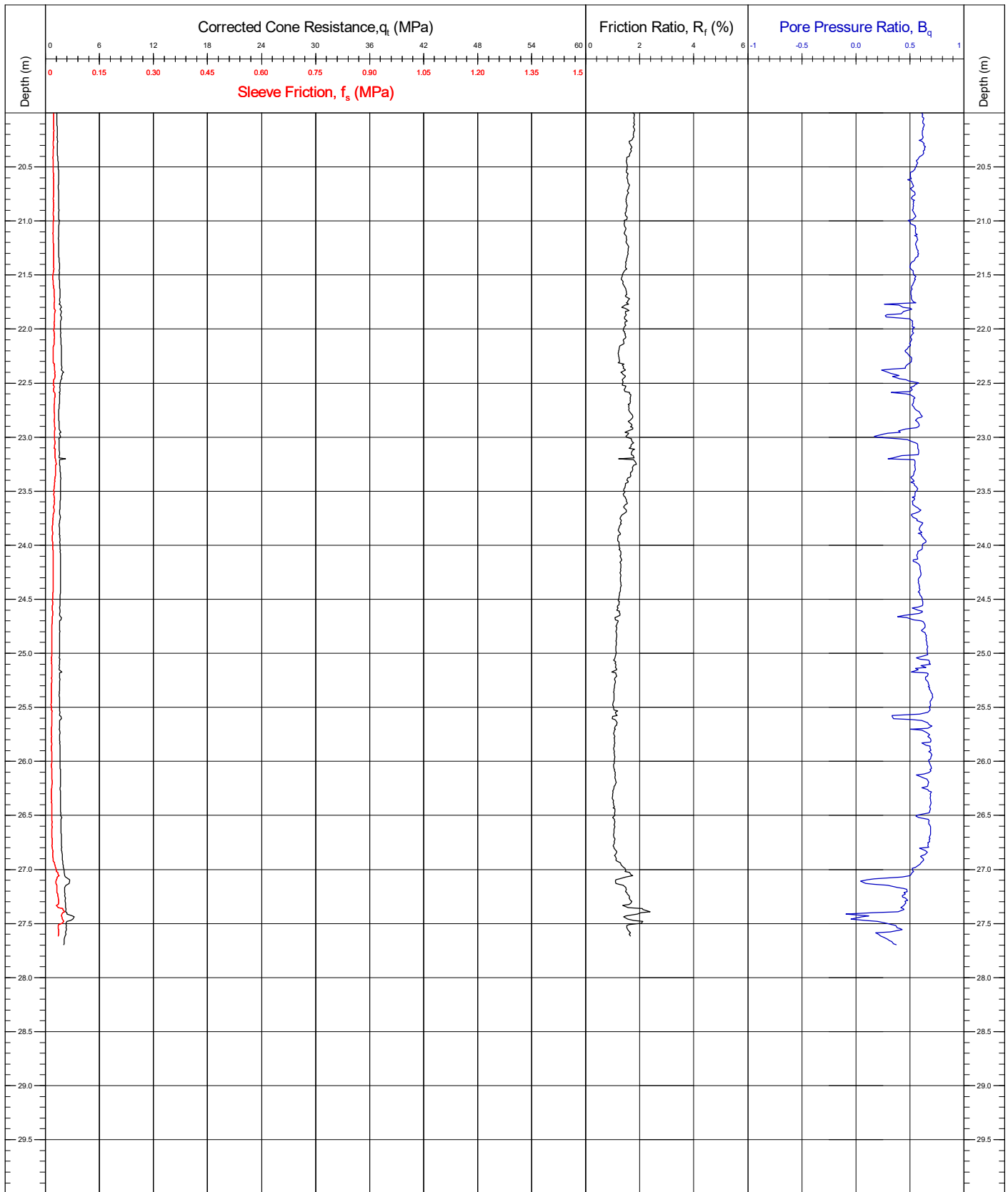


Area	Kattegat Sea	Coordinates	676578.20E	6259609.00N	CPT Number
Contract	11596	Latitude / Longitude			CPT14
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.28		Page: 2/3
Vessel	MV Ocean Vantage	Date of Test	26/04/2021		QC Status
Comments: Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = -0.3° / Y = 1.8°		Draft
		CRS	ETRS89		Final
			JK/BC (26/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

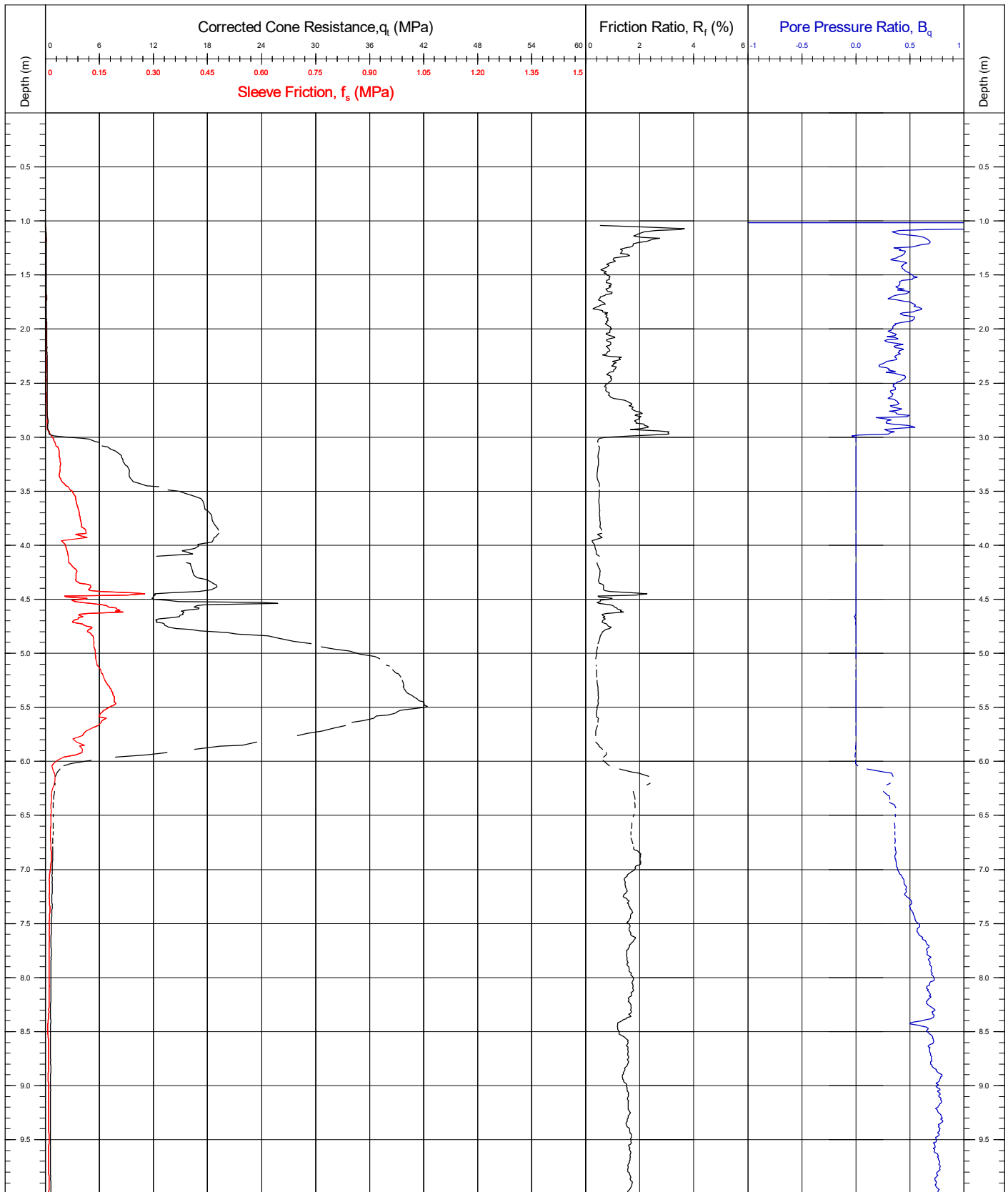


Area	Kattegat Sea	Coordinates	676578.20E 6259609.00N	CPT Number			
Contract	11596	Latitude / Longitude		CPT14			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.28				
Vessel	MV Ocean Vantage	Date of Test	26/04/2021	Page: 3/3			
<small>Comments: Cone Class 4. Continuous seabed CPT. Final depth 27.58m. Test was terminated at operators discretion due to lack of lateral rod support from mudline and increasing cone and SBF inclination</small>				QC Status			
				Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = -0.3° / Y = 1.8°		JK/BC	DR	SMc
		CRS	ETRS89		(26/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

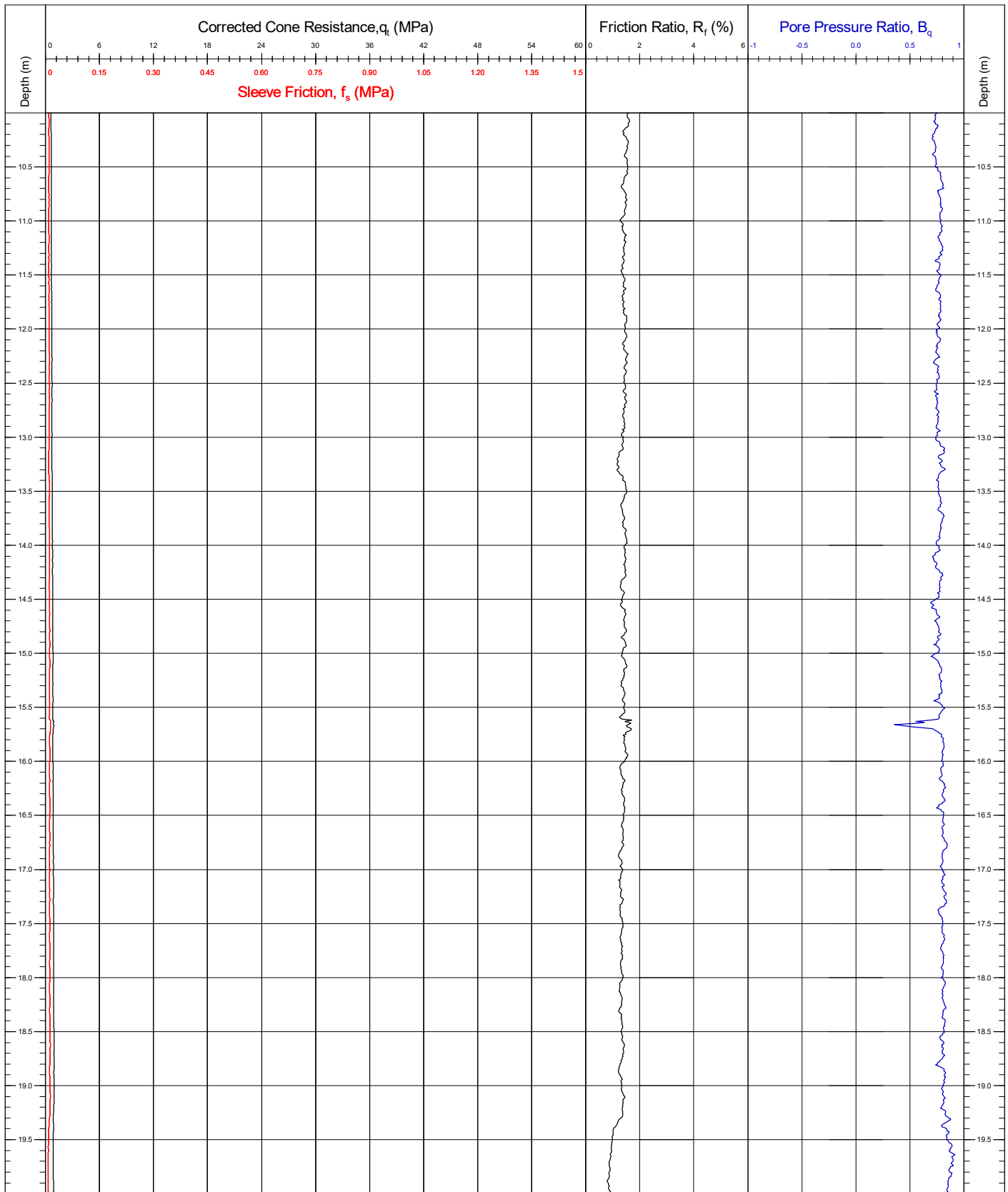


Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT15	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01	Page: 1/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.8°	JK/BC DR SMC	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

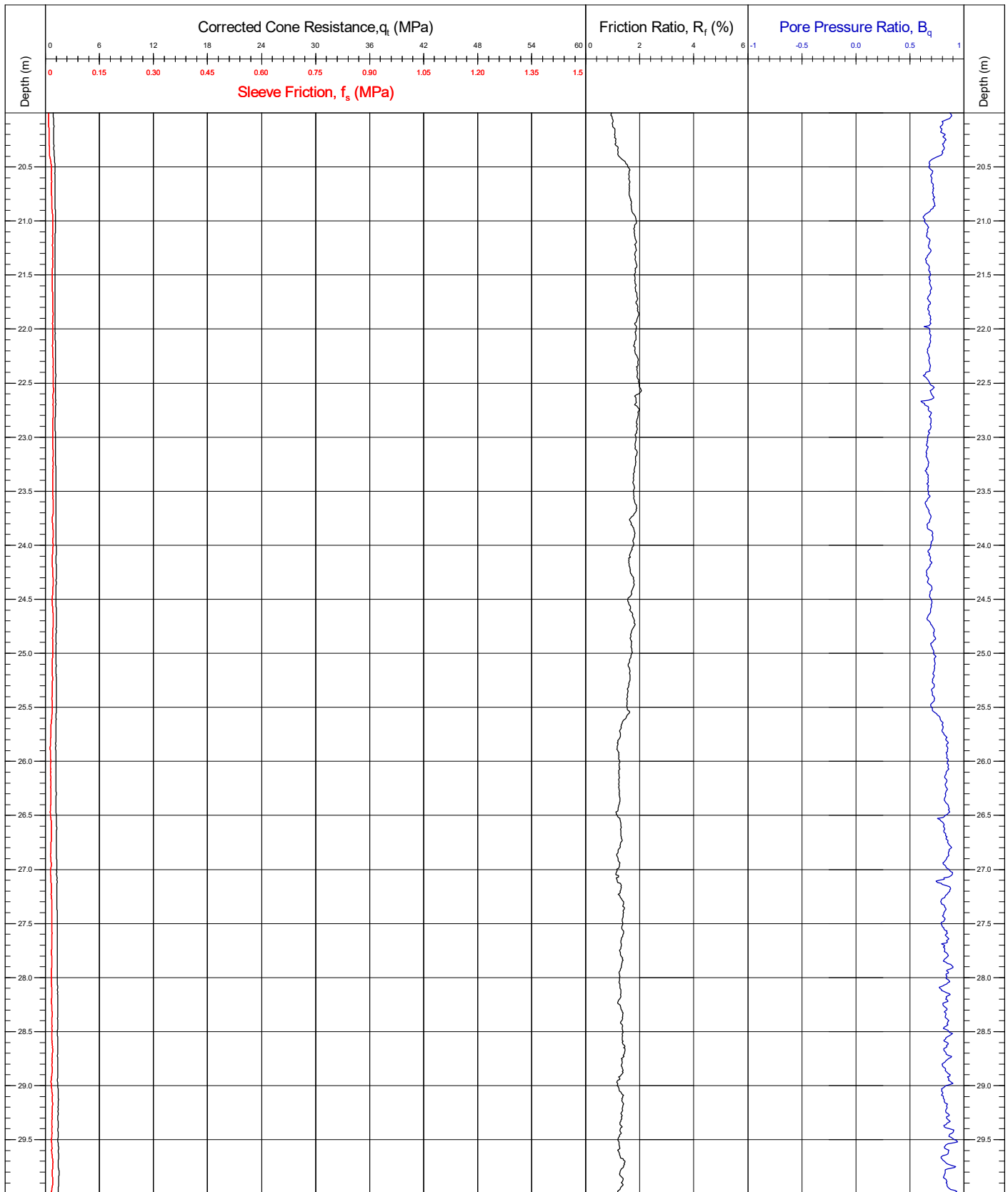


Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number								
Contract	11596	Latitude / Longitude		CPT15								
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01	Page: 2/5								
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status								
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Preliminary</td> <td style="width: 33%; text-align: center;">Draft</td> <td style="width: 33%; text-align: center;">Final</td> </tr> <tr> <td style="text-align: center;">JK/BC <small>(01/05/2021)</small></td> <td style="text-align: center;">DR <small>(10/06/2021)</small></td> <td style="text-align: center;">SMc <small>(10/11/2021)</small></td> </tr> </table>			Preliminary	Draft	Final	JK/BC <small>(01/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>
		Preliminary	Draft				Final					
		JK/BC <small>(01/05/2021)</small>	DR <small>(10/06/2021)</small>				SMc <small>(10/11/2021)</small>					
Base Inclination	X = 1.1° / Y = 0.8°											
CRS	ETRS89											



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

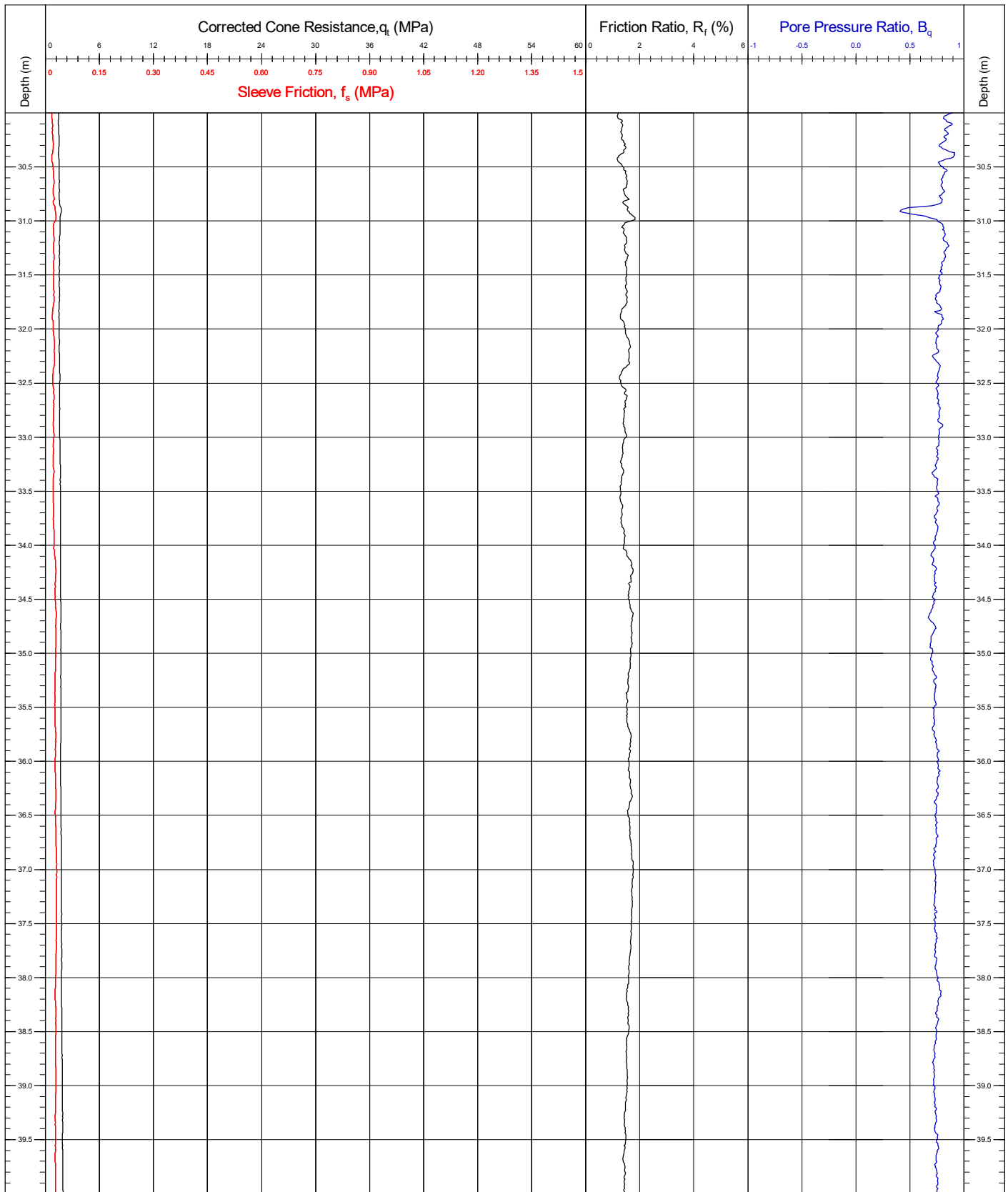


Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT15	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01	Page: 3/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.8°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

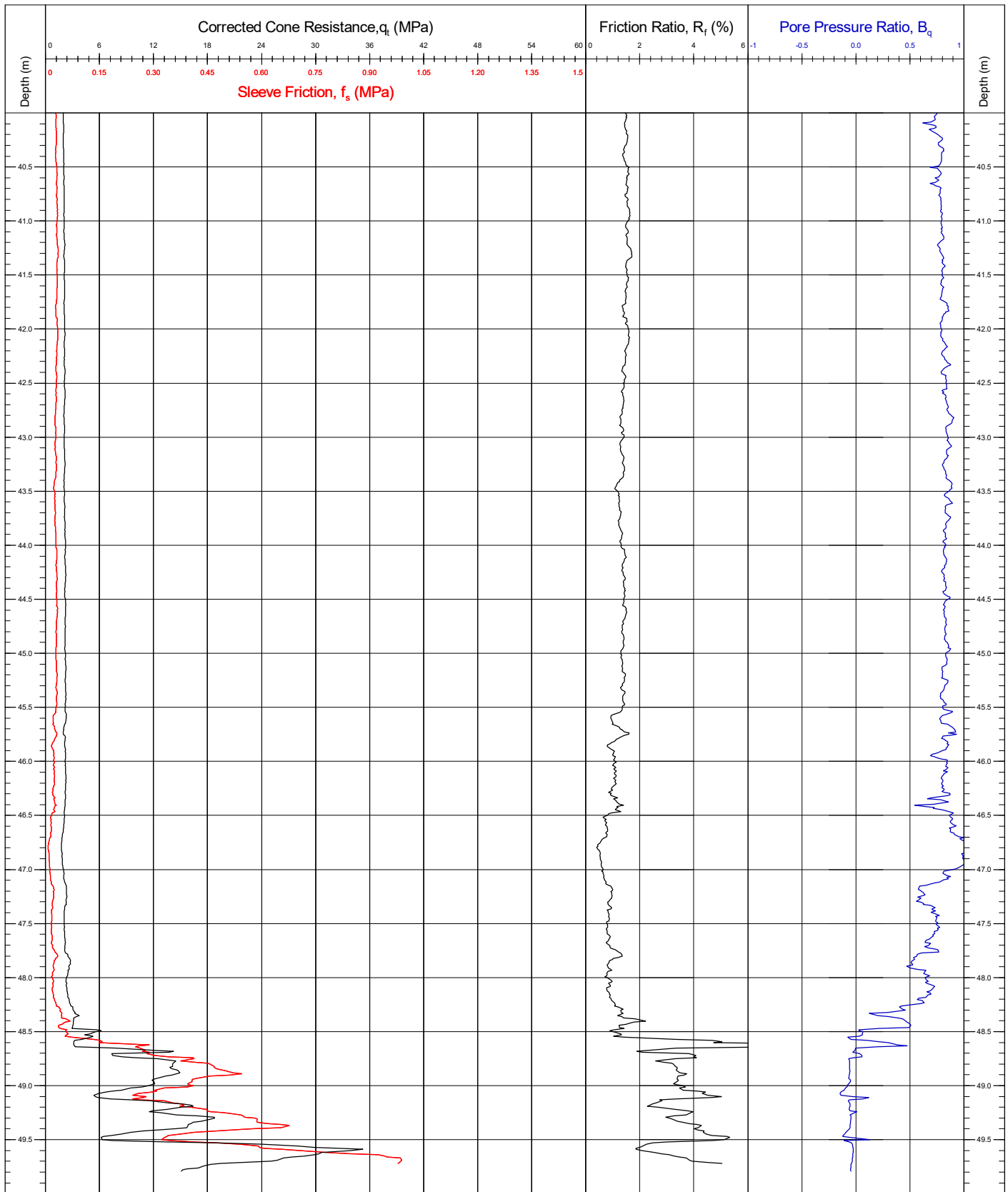


Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number		
Contract	11596	Latitude / Longitude		CPT15		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 4/5		
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal				QC Status		
				Cone No.(size)/ α Factor		
				Base Inclination		
				X = 1.1° / Y = 0.8°		
CRS ETRS89				JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

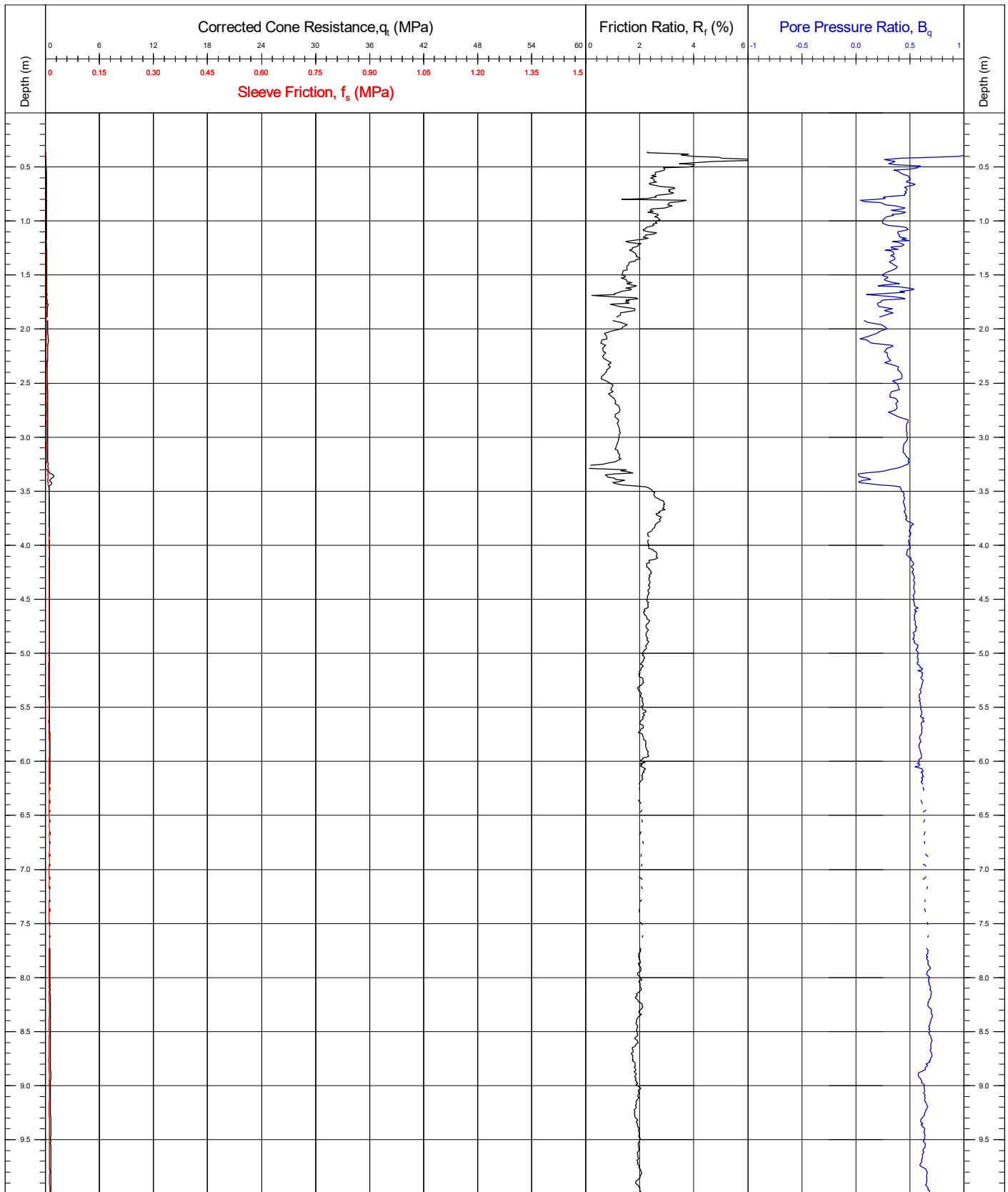


Area	Kattegat Sea	Coordinates	668001.60E 6262849.60N	CPT Number	
Contract	11596	Latitude / Longitude		CPT15	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.01	Page: 5/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 48.84m. Test terminated due to sleeve refusal		Cone No.(size)/α Factor	120910 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.8°	JK/BC DR SMc	
		CRS	ETRS89	(01/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

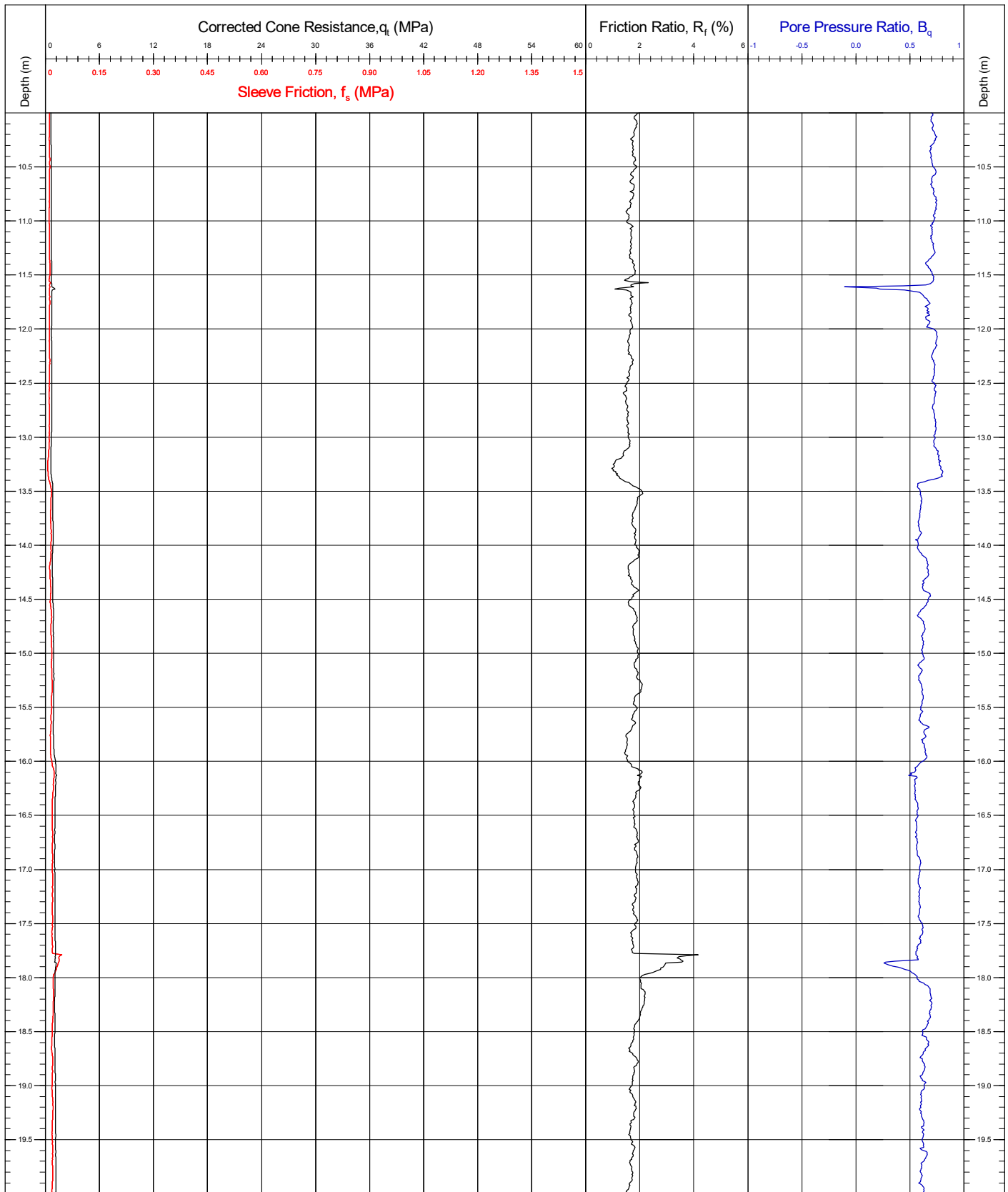


Area	Kattegat Sea	Coordinates	672157.80E	6263407.00N	CPT Number		
Contract	11596	Latitude / Longitude			CPT16		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.87				
Vessel	MV Ocean Vantage	Date of Test	30/04/2021		Page: 1/3		
Comments: Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81		QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

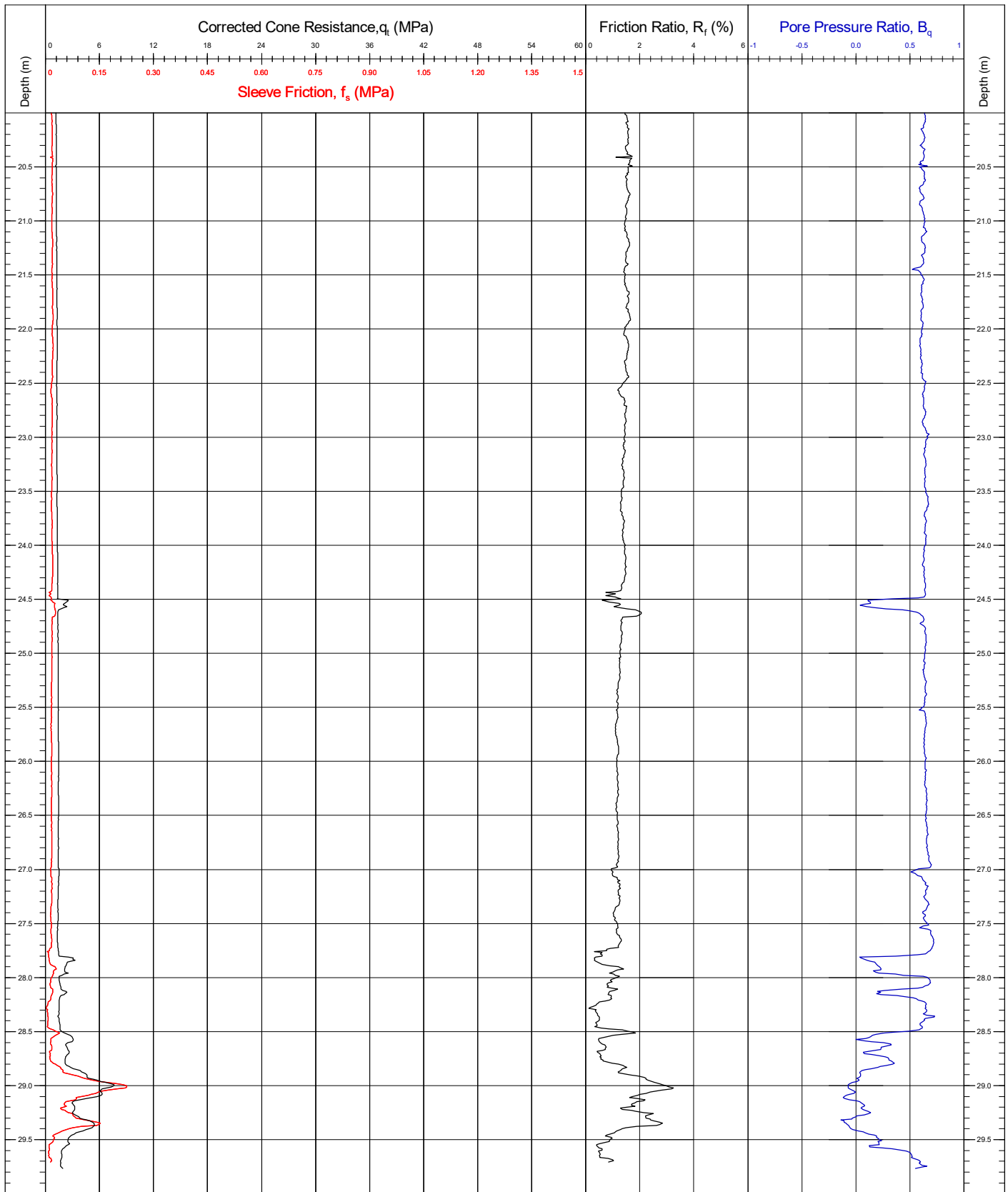


Area	Kattegat Sea	Coordinates	672157.80E	6263407.00N	CPT Number
Contract	11596	Latitude / Longitude			CPT16
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.87		Page: 2/3
Vessel	MV Ocean Vantage	Date of Test	30/04/2021		QC Status
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.</small>		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81		
		Base Inclination	X = 1.1° / Y = 1.0°		
		CRS	ETRS89		
		Preliminary	Draft	Final	
		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

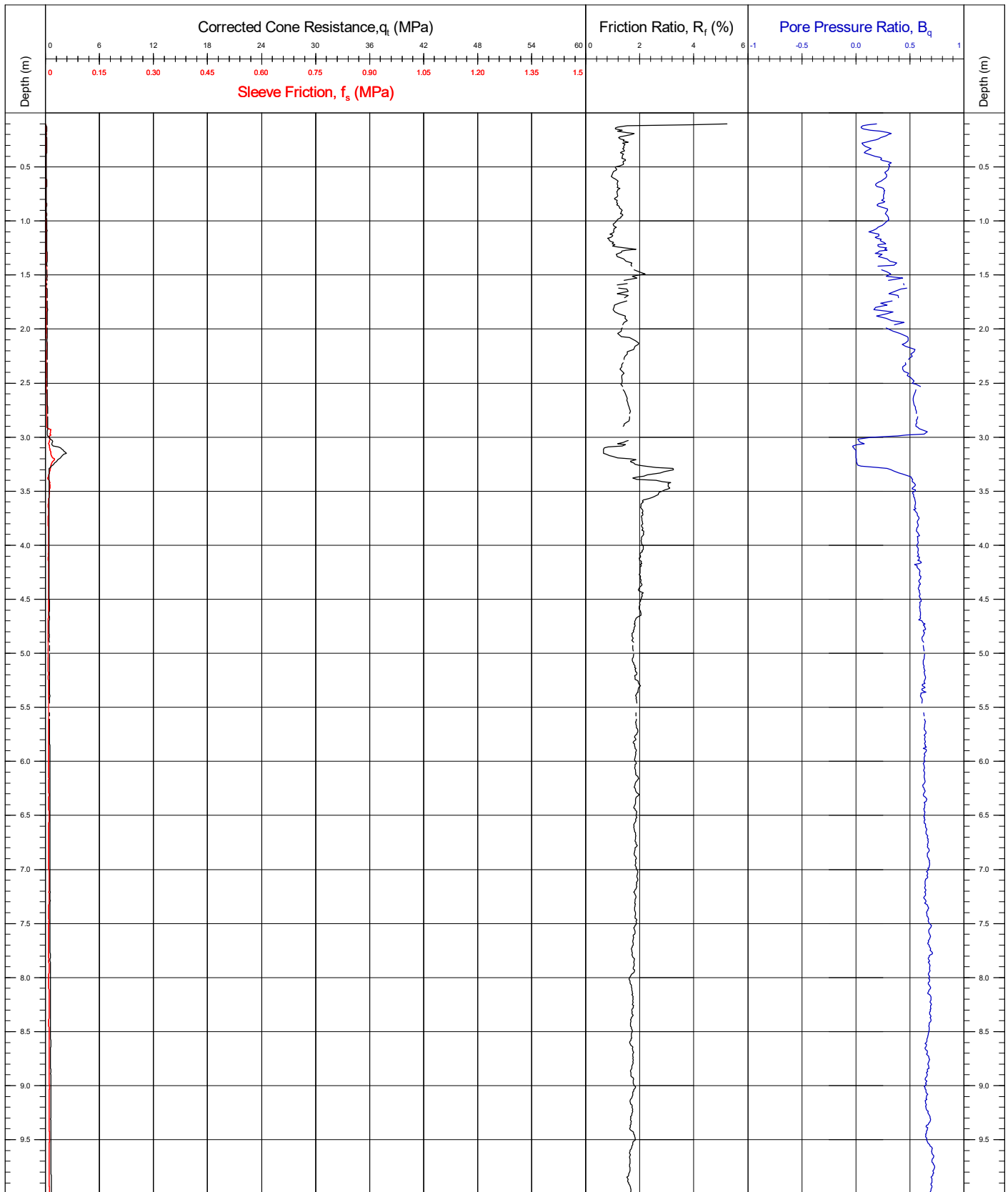


Area	Kattegat Sea	Coordinates	672157.80E 6263407.00N	CPT Number	
Contract	11596	Latitude / Longitude		CPT16	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.87	Page: 3/3	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 29.42m. Test terminated due to poor data quality after dissipation test.		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary	
		Base Inclination	X = 1.1° / Y = 1.0°	Draft	
		CRS	ETRS89	Final	
				JK/BC (30/04/2021)	DR (10/06/2021)
				SMc (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

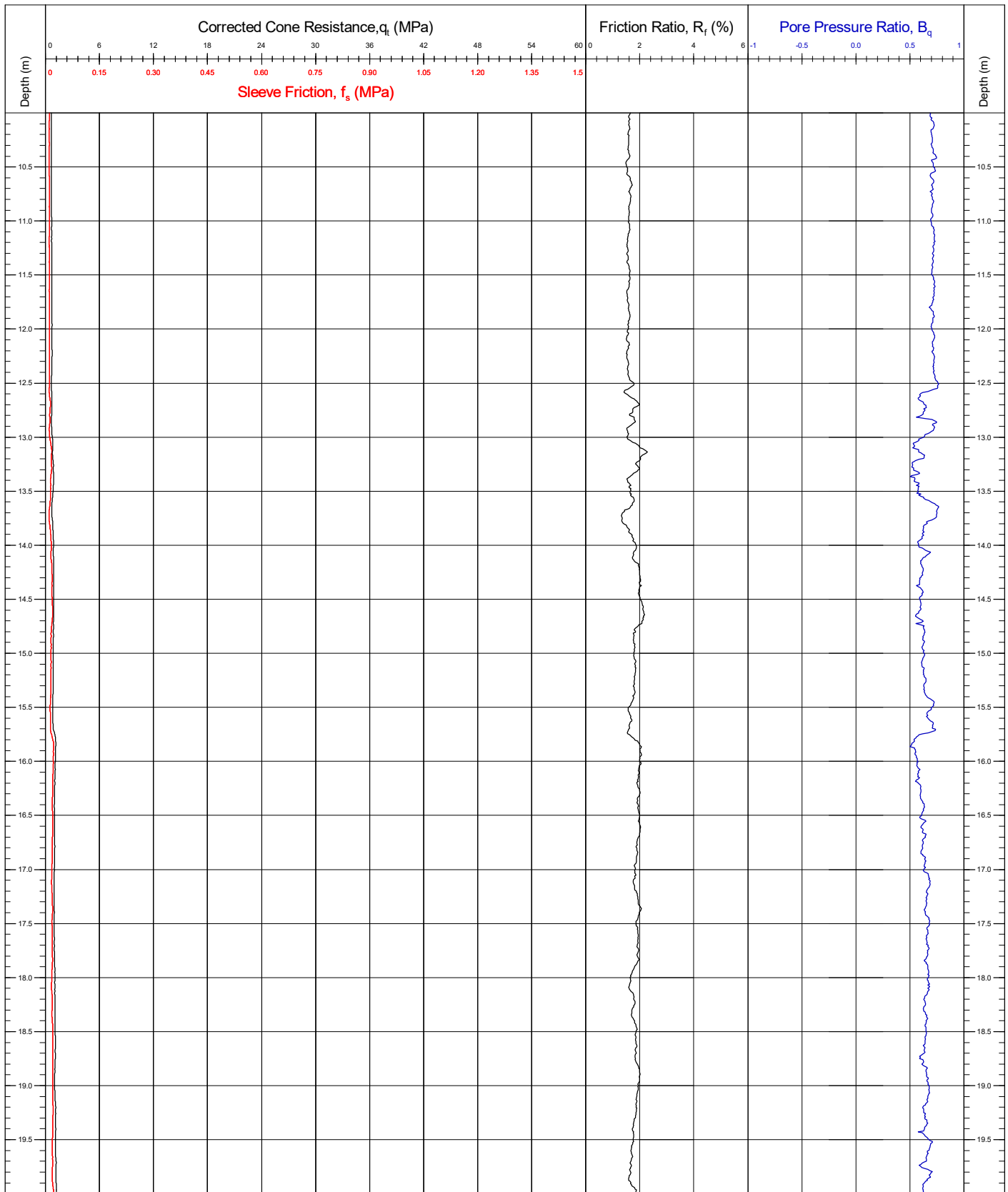


Area	Kattegat Sea	Coordinates	672157.00E	6263401.90N	CPT Number
Contract	11596	Latitude / Longitude			CPT16a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.74		Page: 1/4
Vessel	MV Ocean Vantage	Date of Test	08/05/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.0° / Y = 1.0°		Draft
		CRS	ETRS89		Final
					JK/BC (08/05/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

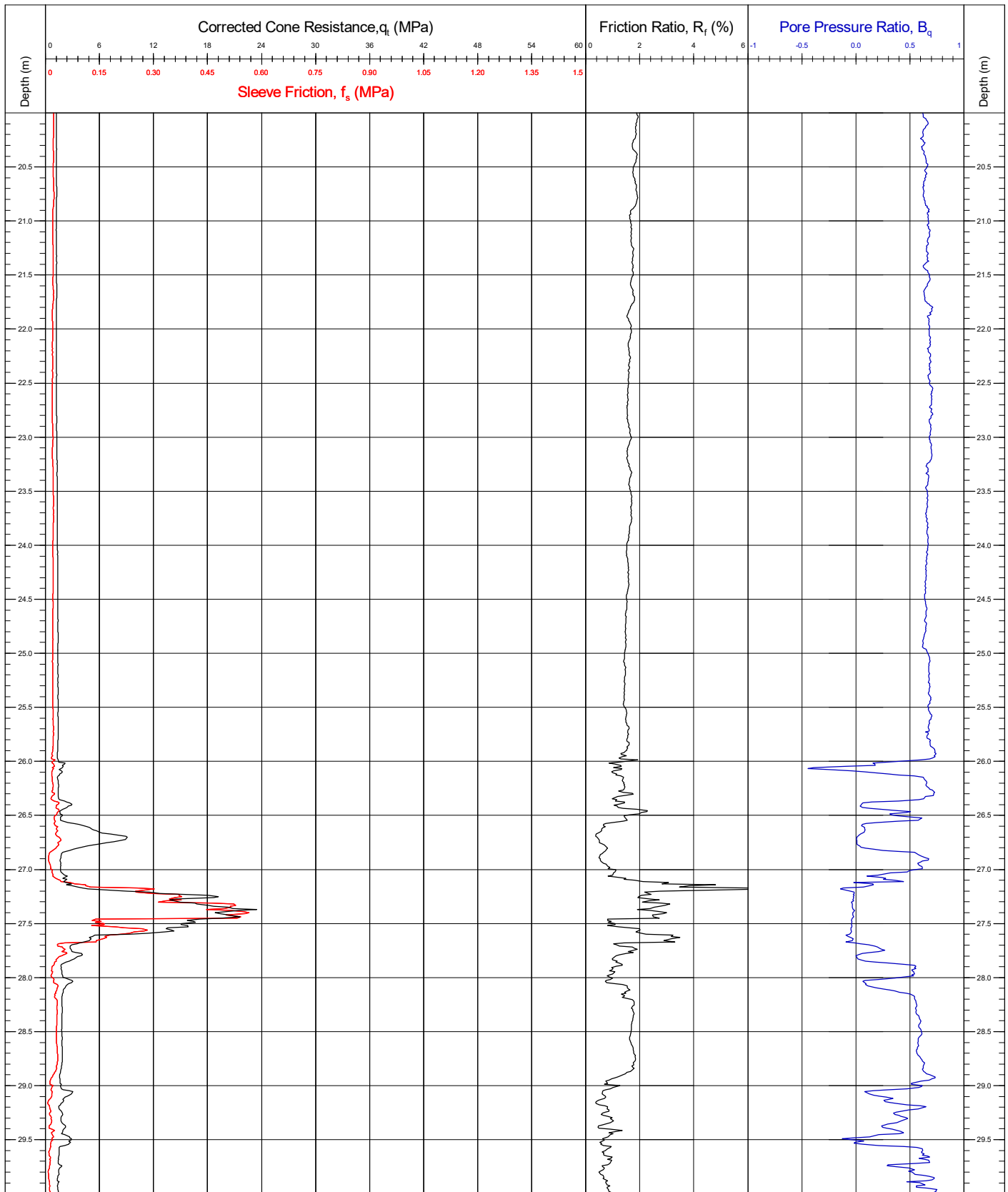


Area	Kattegat Sea	Coordinates	672157.00E 6263401.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT16a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.74	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	08/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.0° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(08/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

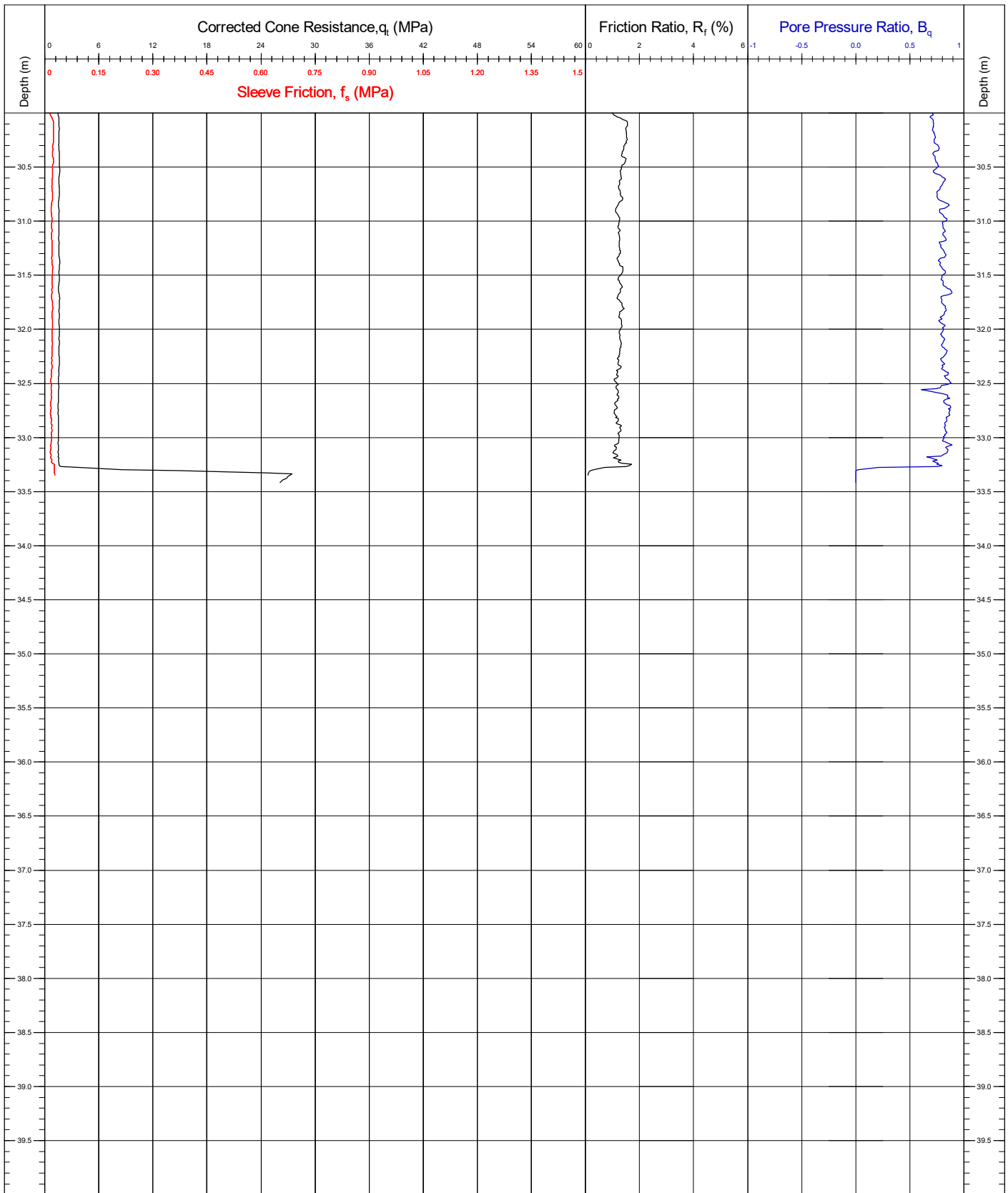


Area	Kattegat Sea	Coordinates	672157.00E	6263401.90N	CPT Number
Contract	11596	Latitude / Longitude			CPT16a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.74		Page: 3/4
Vessel	MV Ocean Vantage	Date of Test	08/05/2021		QC Status
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.0° / Y = 1.0°		Draft
		CRS	ETRS89		Final
					JK/BC <small>(08/05/2021)</small>
					DR <small>(10/06/2021)</small>
					SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

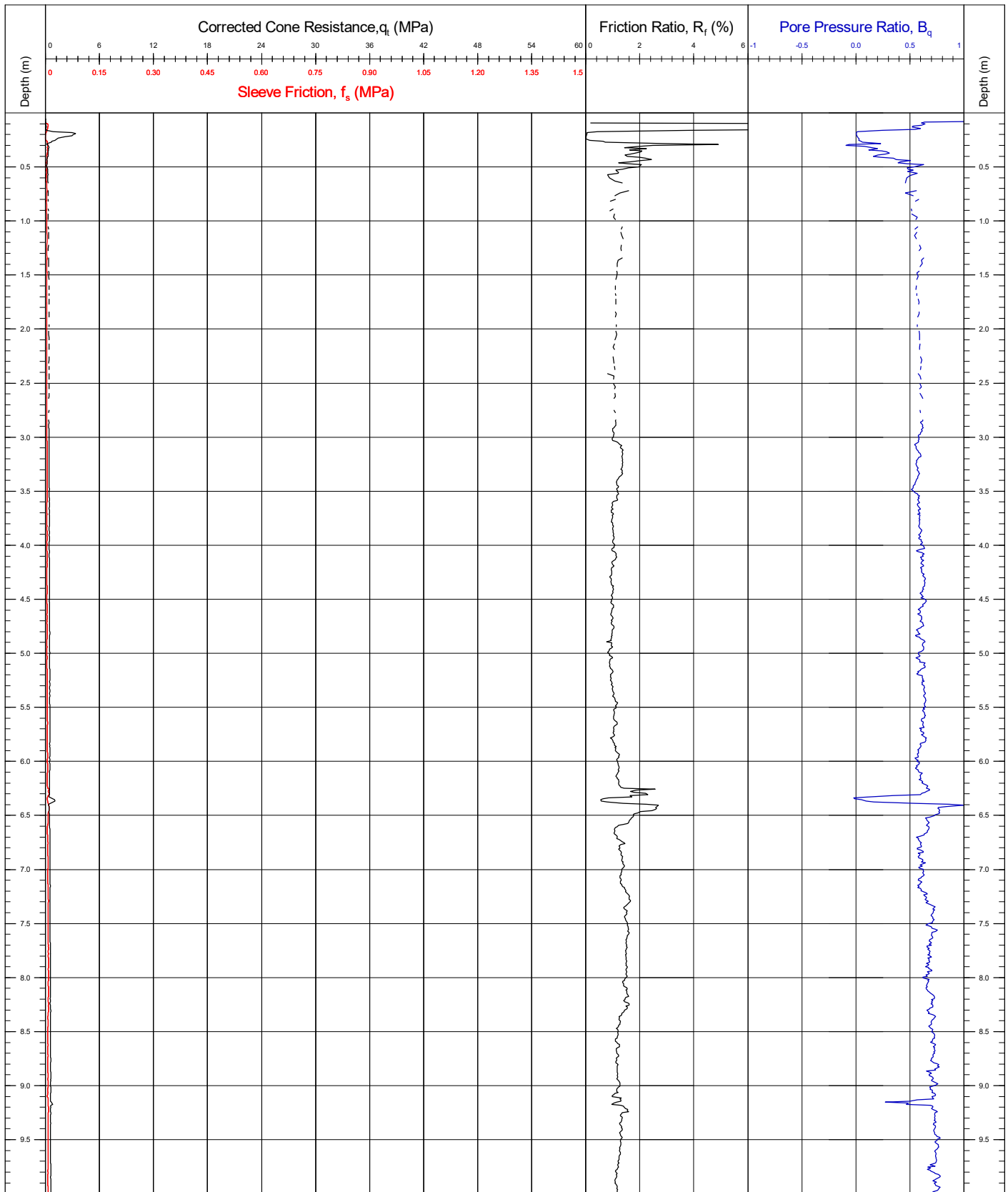


Area	Kattegat Sea	Coordinates	672157.00E 6263401.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT16a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.74	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	08/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 33.34m. Test terminated at the operators discretion due to increasing total load- lack of lateral rod support near mudline and total cone inclination reaching near critical		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.0° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(08/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

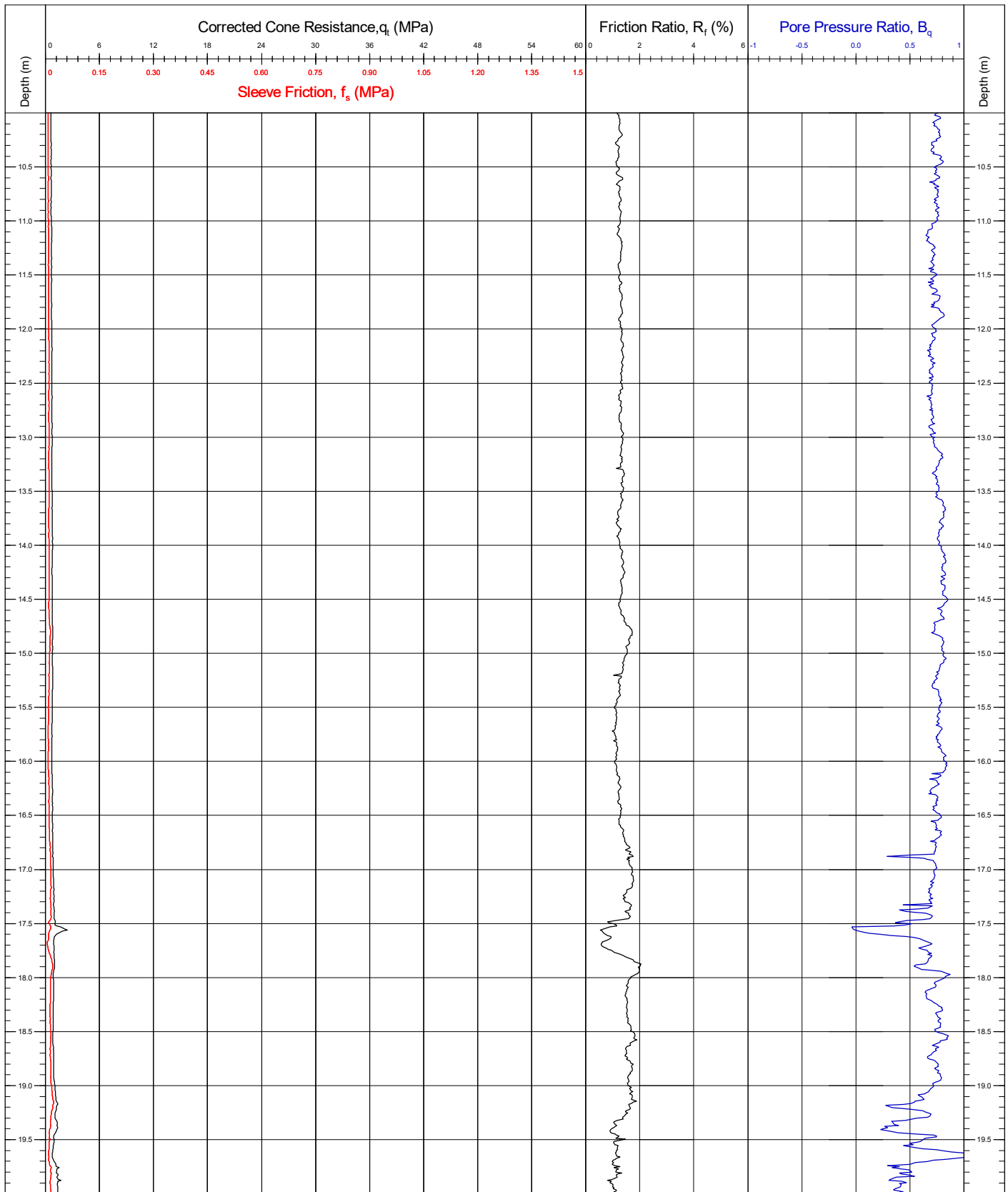


Area	Kattegat Sea	Coordinates	677169.50E 6263055.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT18		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.31			
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 1/4		
<small>Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline</small>		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = -2.0° / Y = 3.9°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

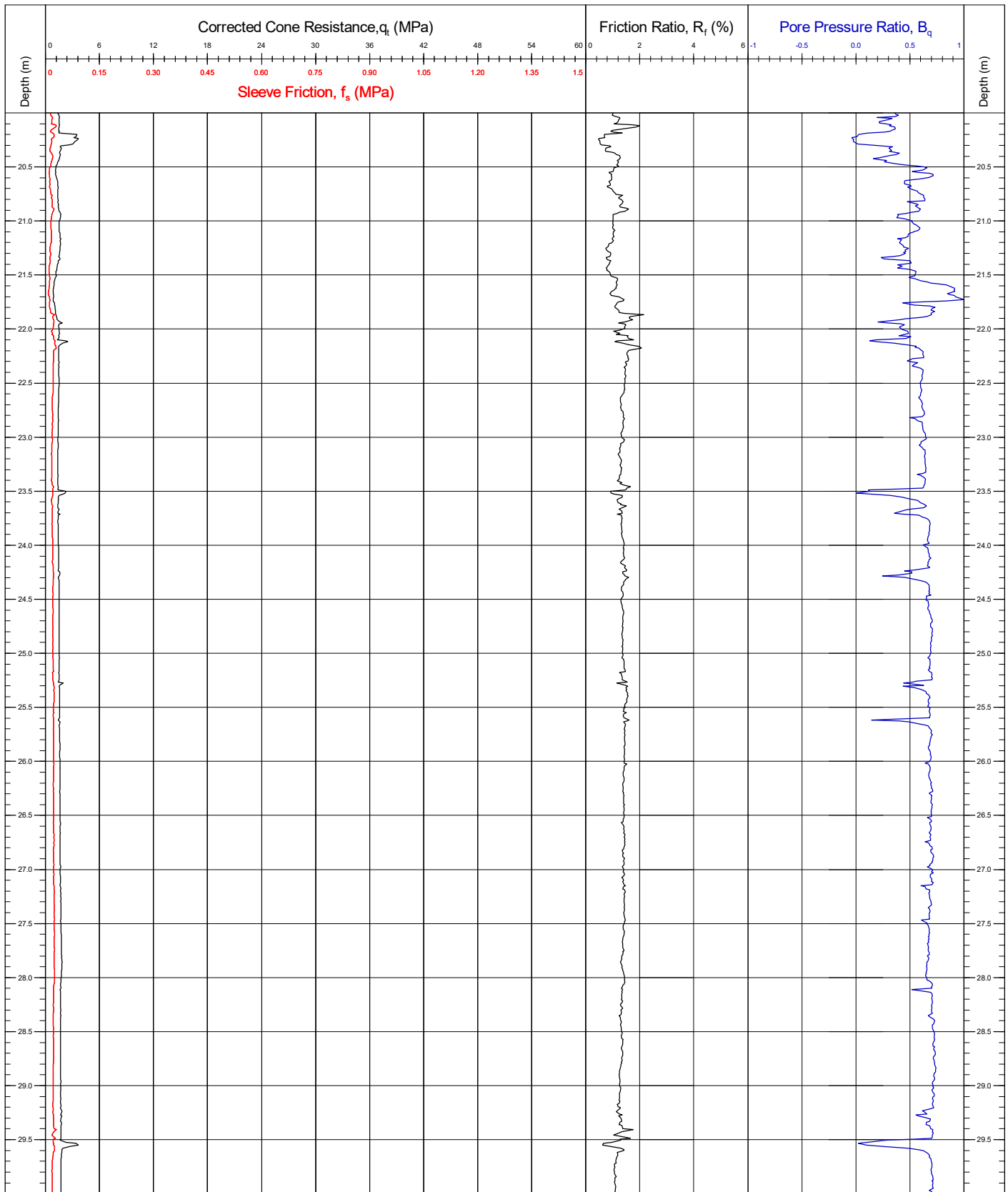


Area	Kattegat Sea	Coordinates	677169.50E	6263055.40N	CPT Number
Contract	11596	Latitude / Longitude			CPT18
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.31		Page: 2/4
Vessel	MV Ocean Vantage	Date of Test	25/04/2021		QC Status
Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = -2.0° / Y = 3.9°		Draft
		CRS	ETRS89		Final
			JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

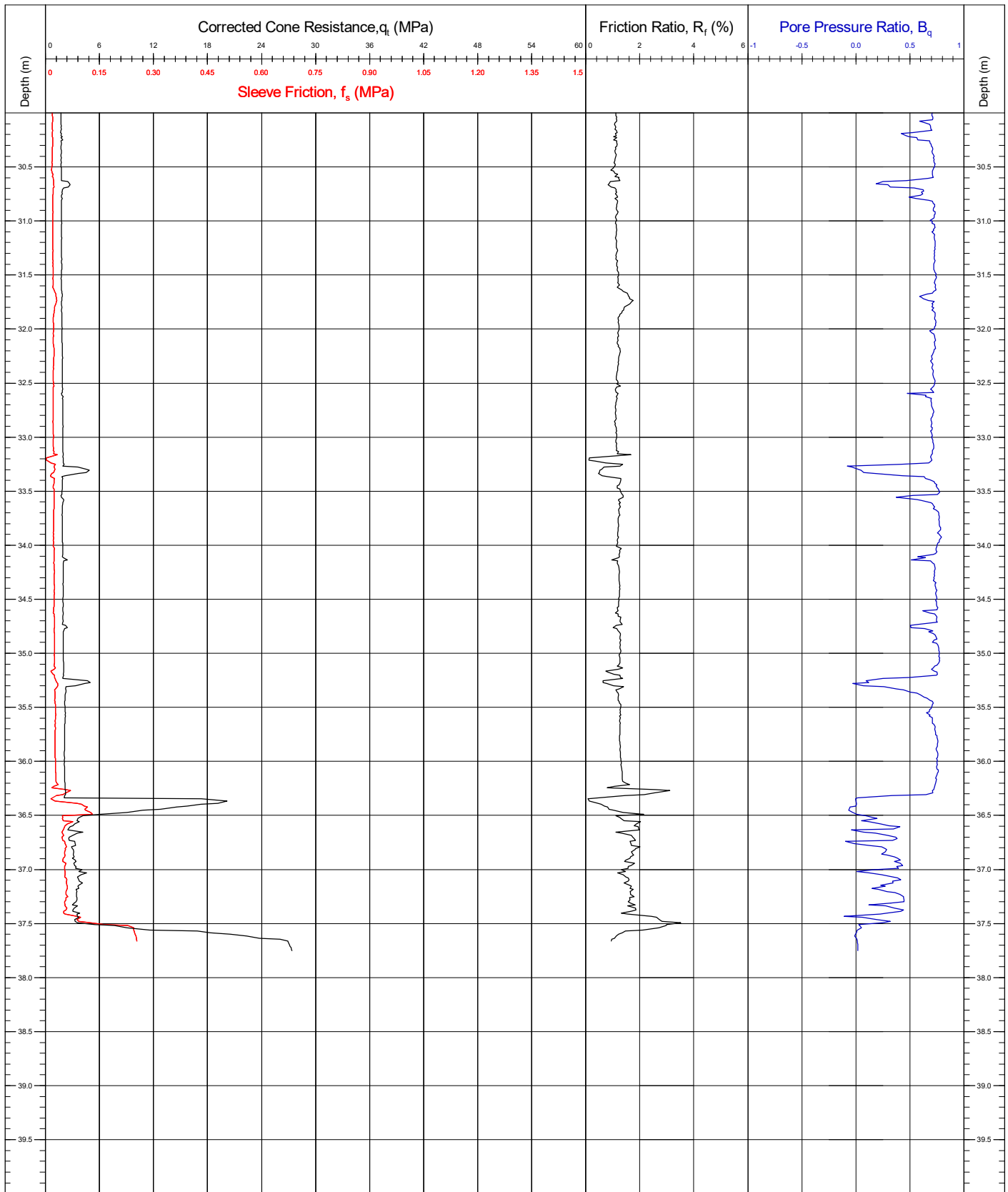


Area	Kattegat Sea	Coordinates	677169.50E 6263055.40N	CPT Number	
Contract	11596	Latitude / Longitude		CPT18	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.31	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = -2.0° / Y = 3.9°	JK/BC DR SMC	
		CRS	ETRS89	(25/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

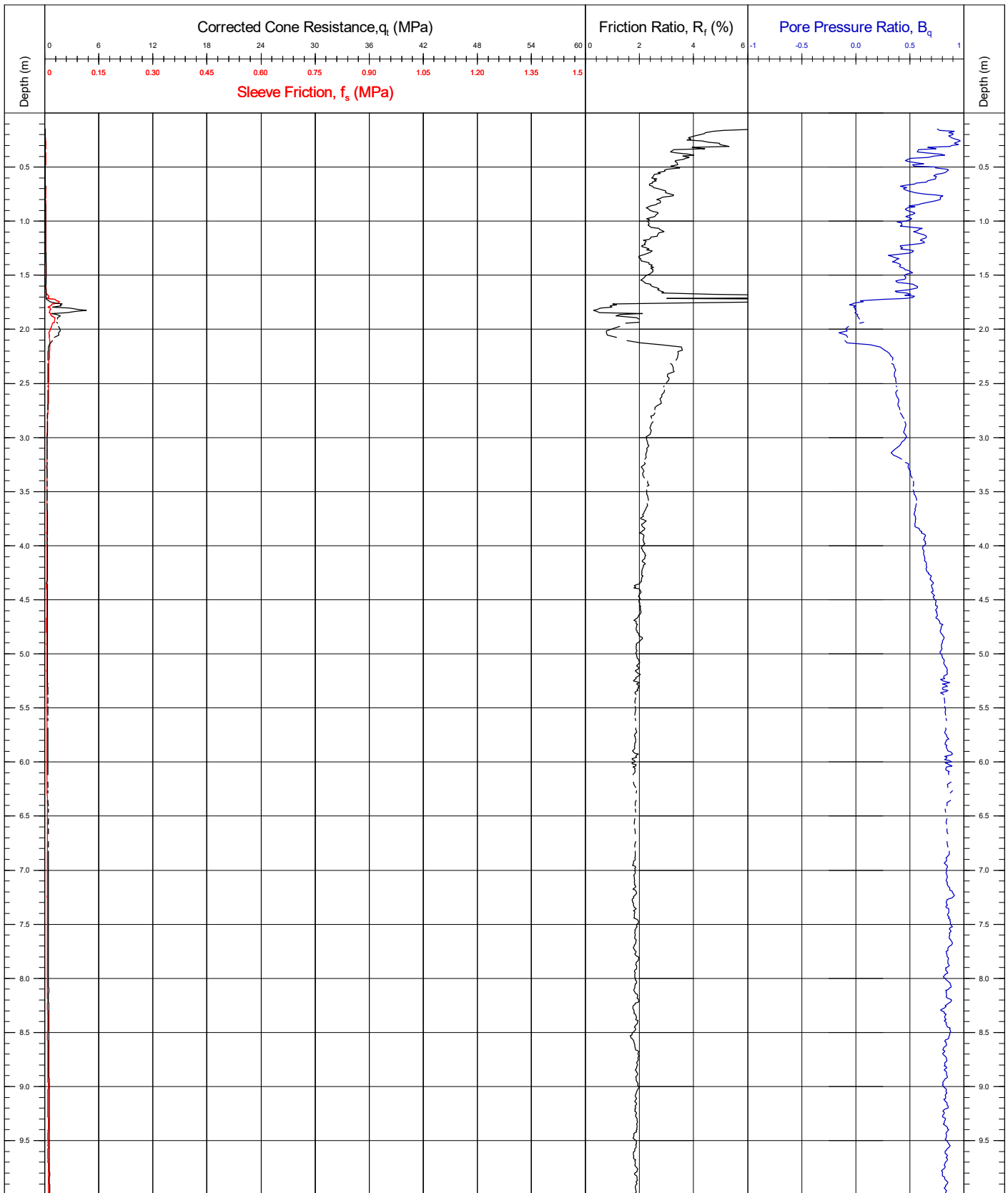


Area	Kattegat Sea	Coordinates	677169.50E 6263055.40N	CPT Number		
Contract	11596	Latitude / Longitude		CPT18		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.31			
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 4/4		
<small>Comments: Cone Class1. Continuous seabed CPT. Final depth 37.74m. Test terminated at operators discretion to avoid damage due to no lateral rod support from mudline</small>				QC Status		
				Preliminary Draft Final JK/BC DR SMc <small>(25/04/2021) (10/06/2021) (10/11/2021)</small>		
		Cone No.(size)/ α Factor	061040 (10cm ²) / 0.76			
		Base Inclination	X = -2.0° / Y = 3.9°			
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

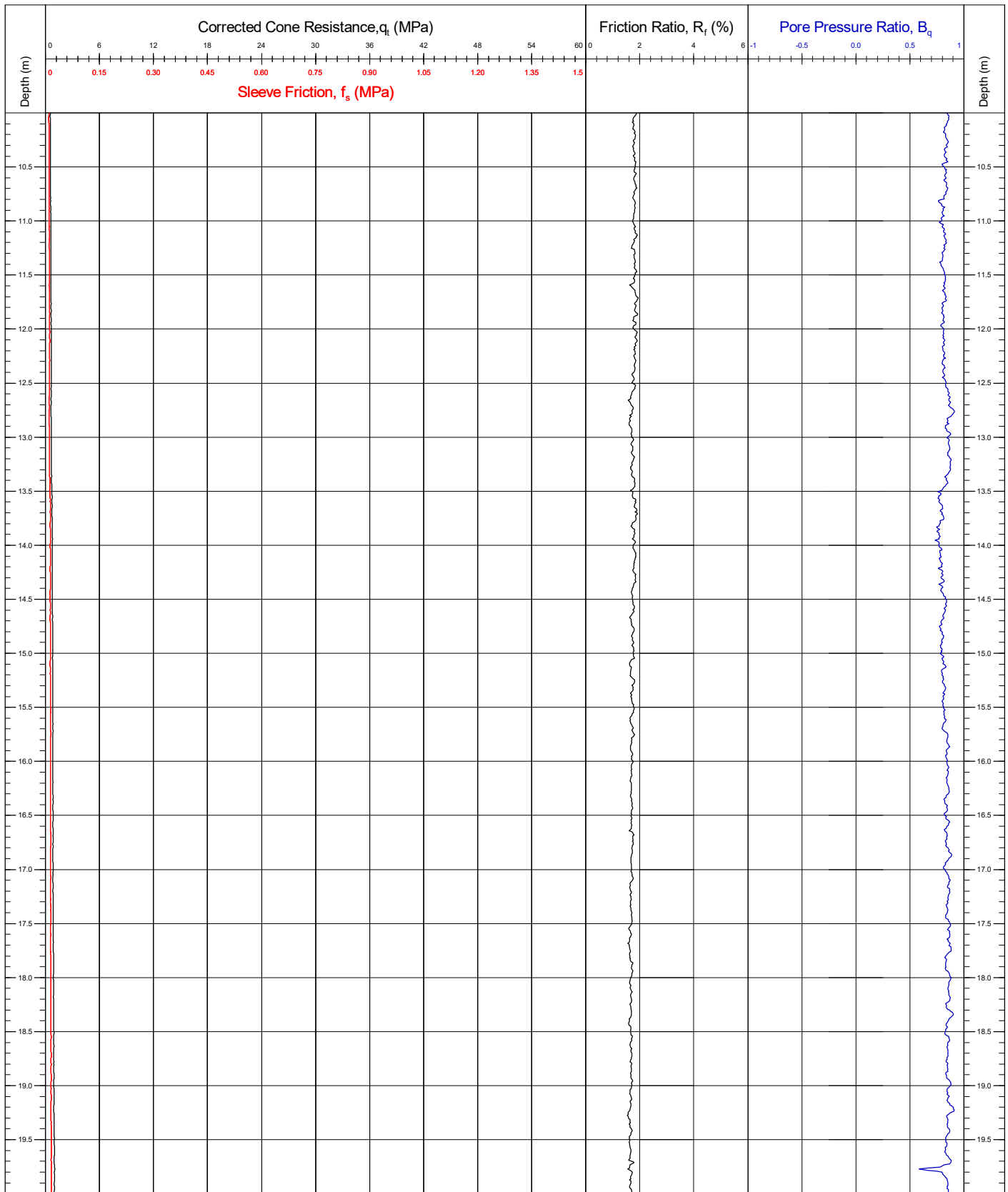


Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number	
Contract	11596	Latitude / Longitude		CPT20	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51	Page: 1/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.1° / Y = -0.1°	JK/BC (25/04/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

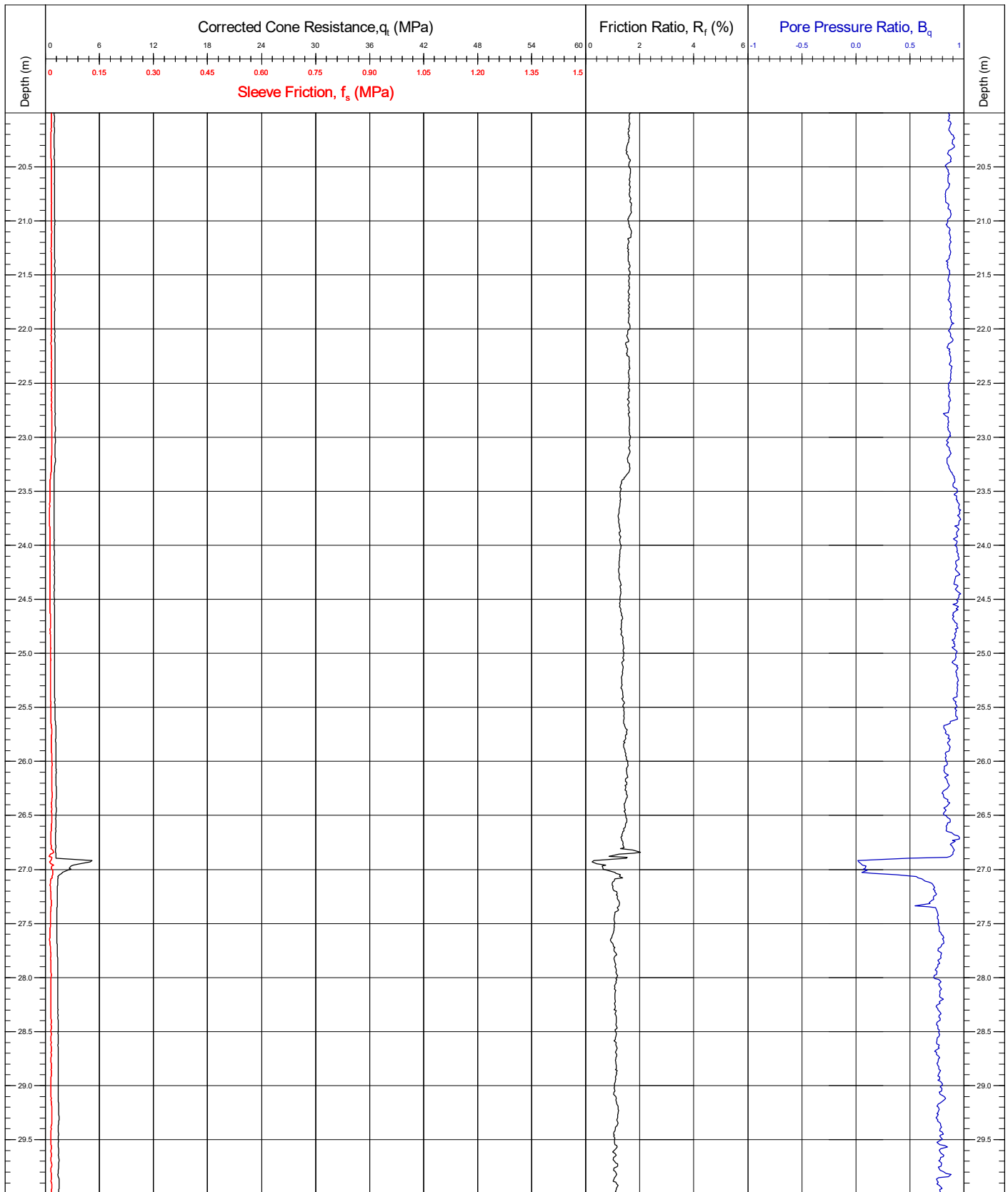


Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number	
Contract	11596	Latitude / Longitude		CPT20	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51	Page: 2/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.1° / Y = -0.1°	JK/BC DR SMc	
		CRS	ETRS89	(25/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

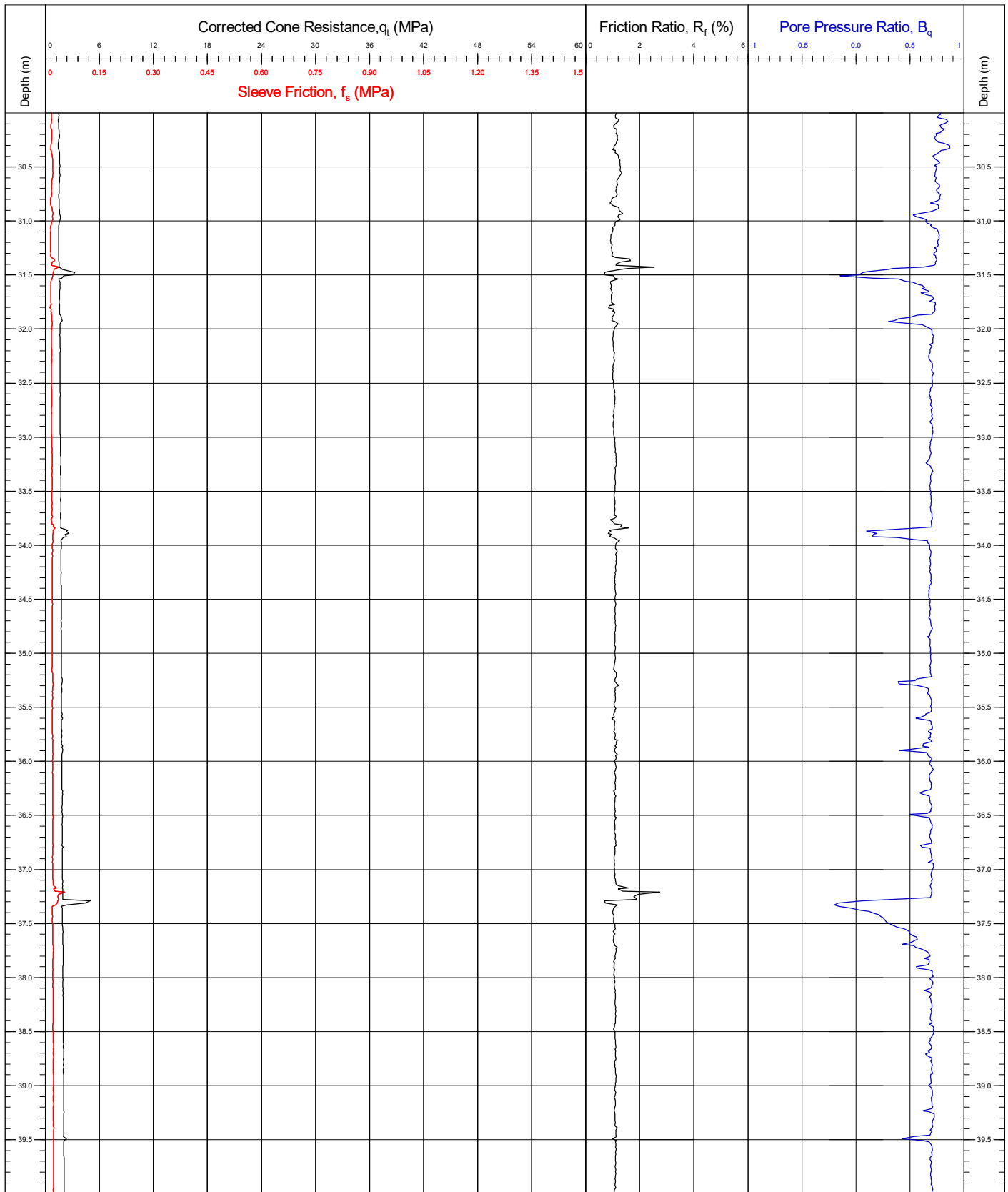


Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number		
Contract	11596	Latitude / Longitude		CPT20		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51			
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 3/5		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load</small>		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	QC Status		
		Base Inclination	X = 0.1° / Y = -0.1°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

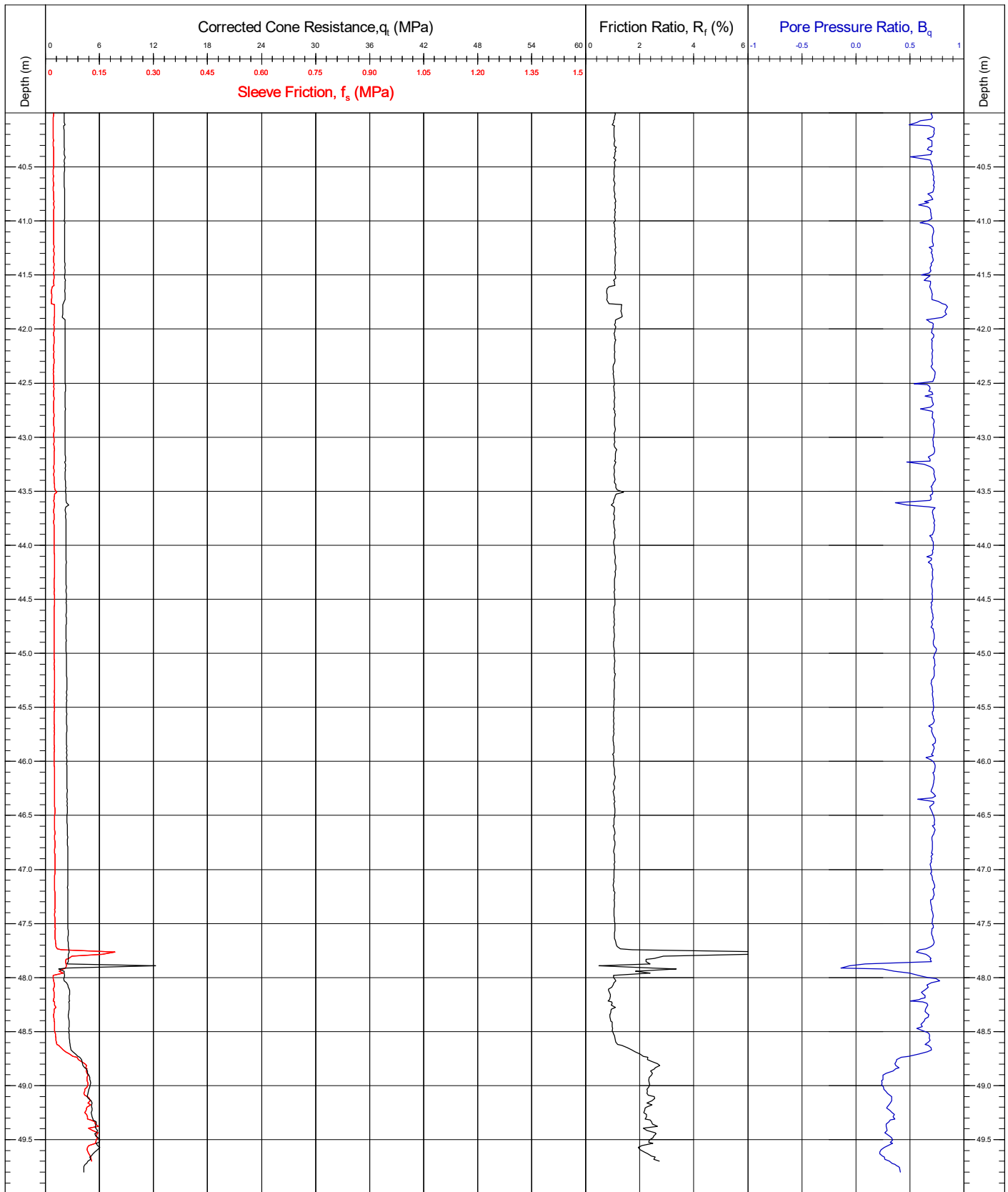


Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number		
Contract	11596	Latitude / Longitude		CPT20		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51			
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 4/5		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load</small>		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	QC Status		
		Base Inclination	X = 0.1° / Y = -0.1°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

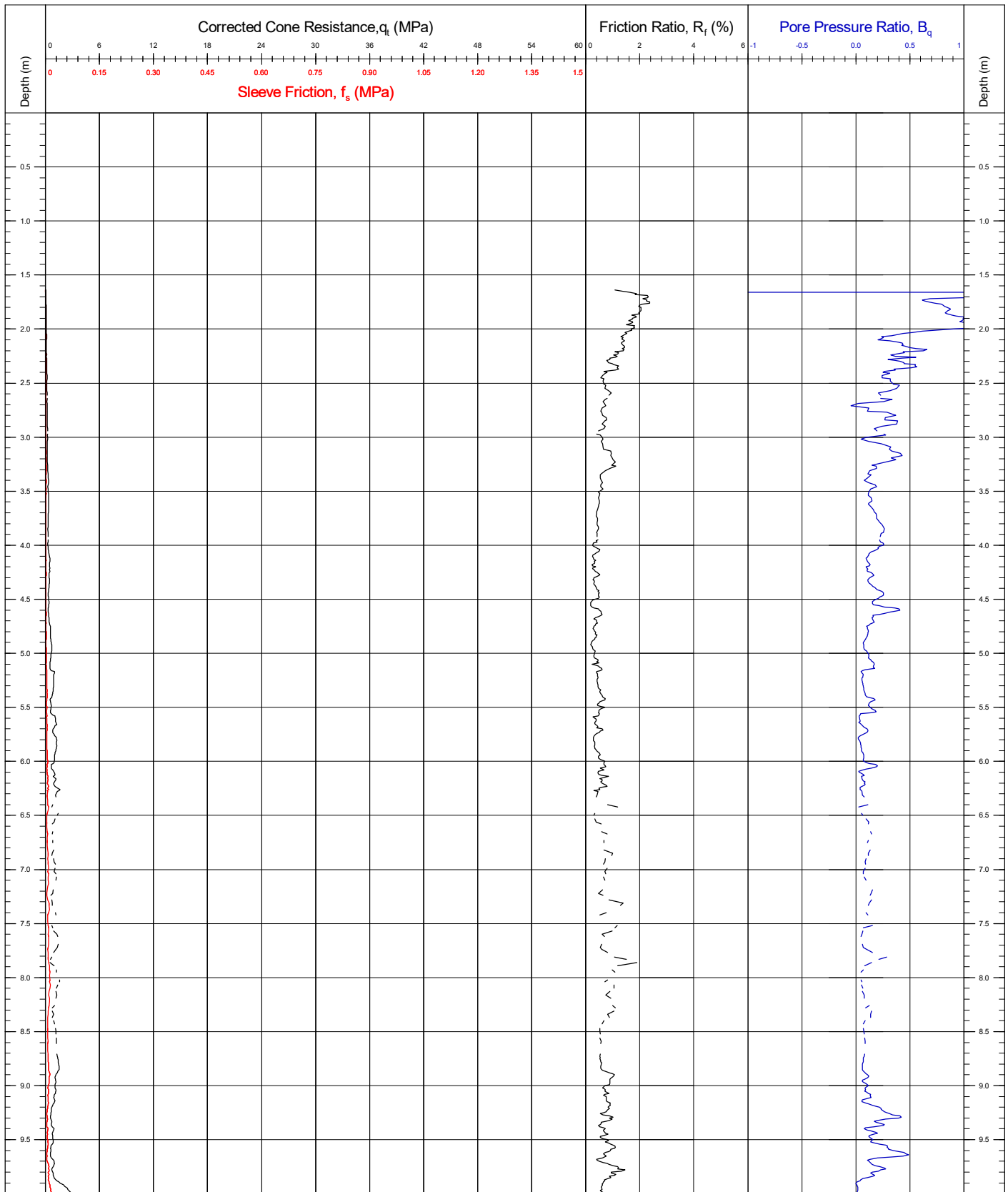


Area	Kattegat Sea	Coordinates	673775.60E 6266929.10N	CPT Number		
Contract	11596	Latitude / Longitude		CPT20		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.51			
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 5/5		
<small>Comments: Cone class 2. Continuous seabed CPT. Final depth 49.67m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support from mudline and an increasing total load</small>				QC Status		
				Cone No.(size)/ α Factor 120829 (10cm ²) / 0.8		
Base Inclination				X = 0.1° / Y = -0.1°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

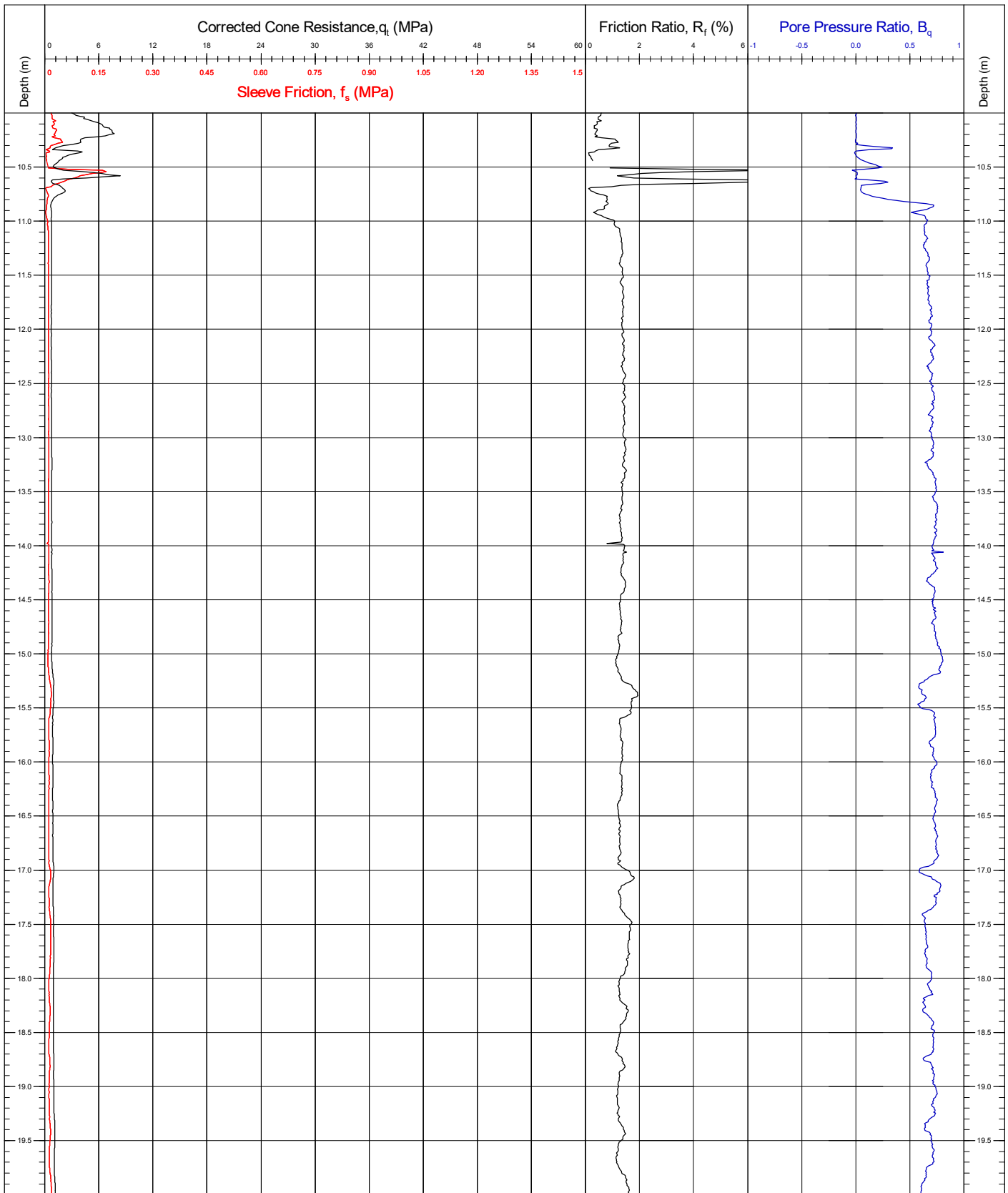


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number			
Contract	11596	Latitude / Longitude		CPT22			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36				
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 1/5			
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees- risk of rod bend and buckling rods</small>				QC Status			
				Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81		Preliminary
		Base Inclination	X = 1.2° / Y = 0.9°		JK/BC	DR	SMc
		CRS	ETRS89		(30/04/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

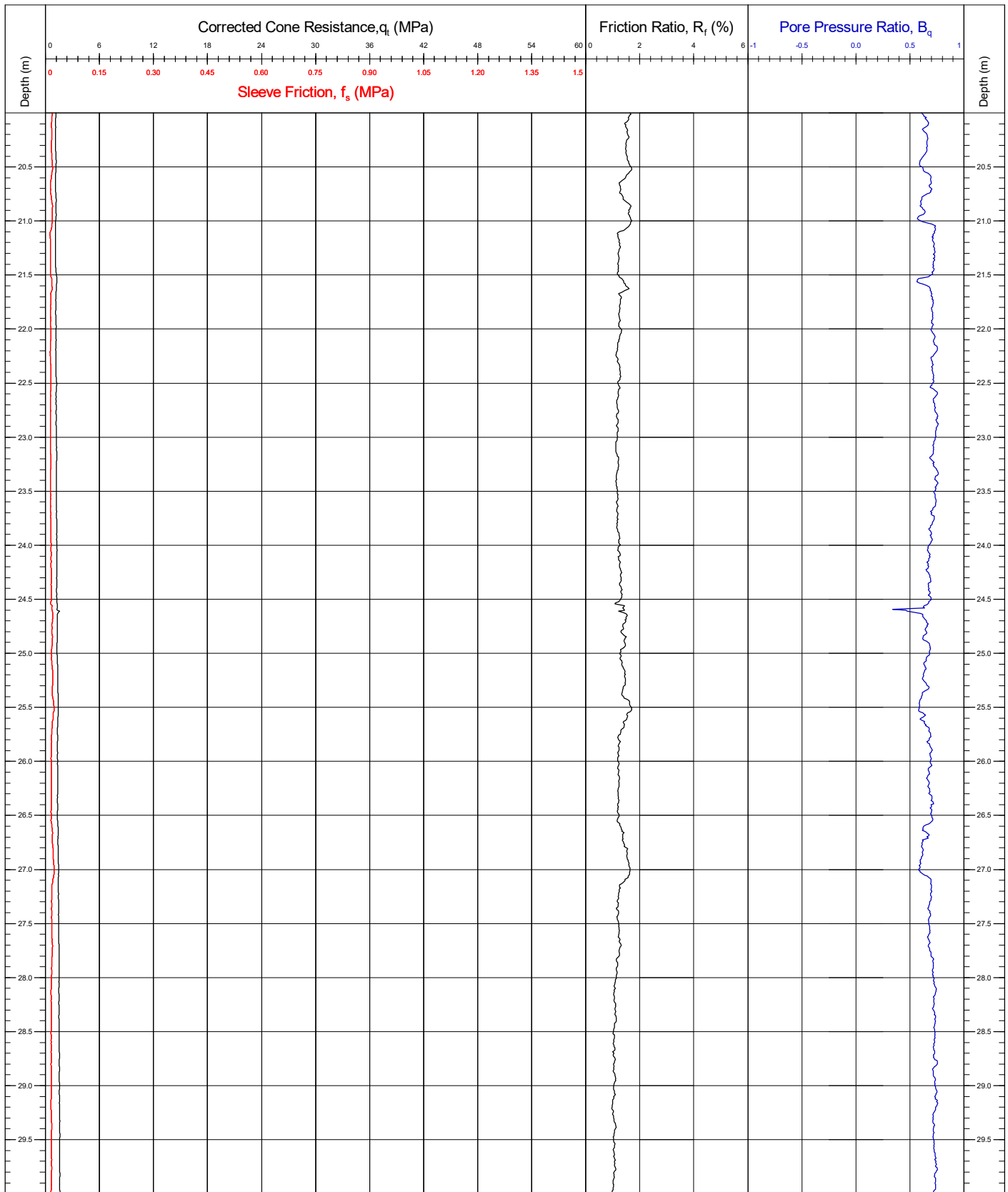


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number		
Contract	11596	Latitude / Longitude		CPT22		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36	Page: 2/5		
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees- risk of rod bend and buckling rods				Cone No.(size)/ α Factor		
				181004 (10cm ²) / 0.81		
				Base Inclination		
				X = 1.2° / Y = 0.9°		
				CRS ETRS89		
		Preliminary	Draft	Final		
		JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

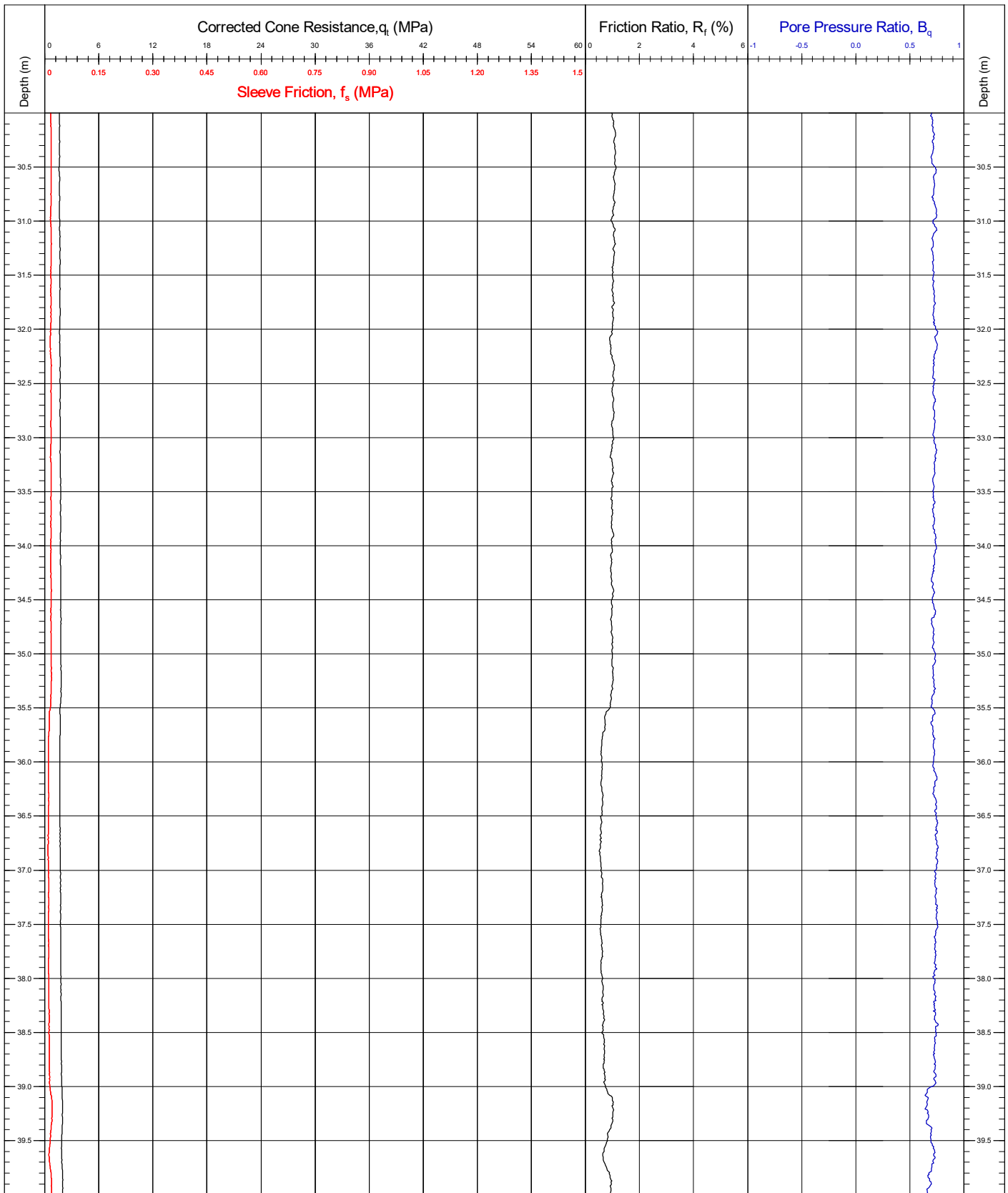


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number	
Contract	11596	Latitude / Longitude		CPT22	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36	Page: 3/5	
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees- risk of rod bend and buckling rods		Cone No.(size)/α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.9°	JK/BC DR SMc	
		CRS	ETRS89	(30/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

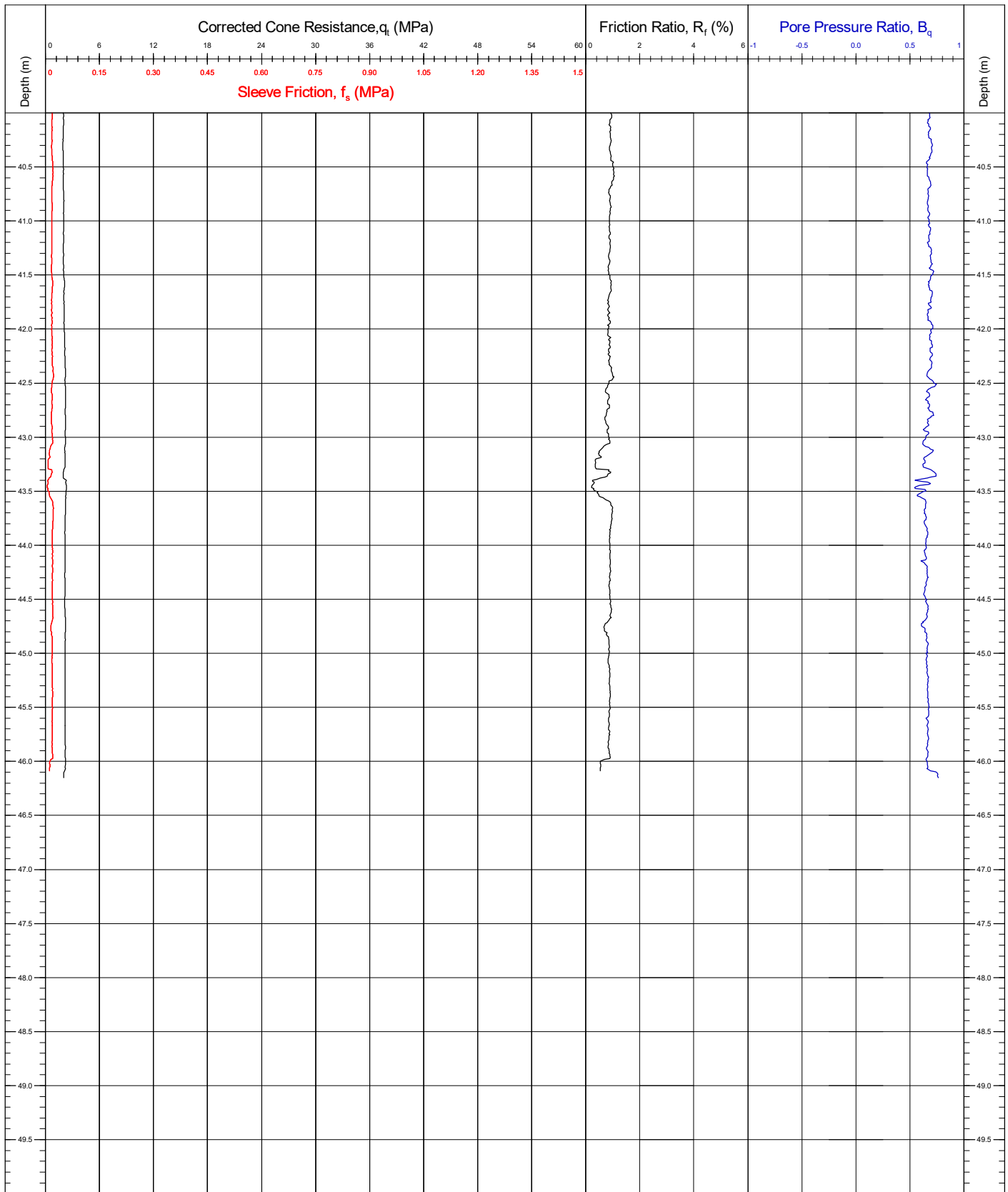


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number		
Contract	11596	Latitude / Longitude		CPT22		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36	Page: 4/5		
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees- risk of rod bend and buckling rods				QC Status		
		Cone No.(size)/ α Factor	181004 (10cm ²) / 0.81	Preliminary Draft Final		
		Base Inclination	X = 1.2° / Y = 0.9°	JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

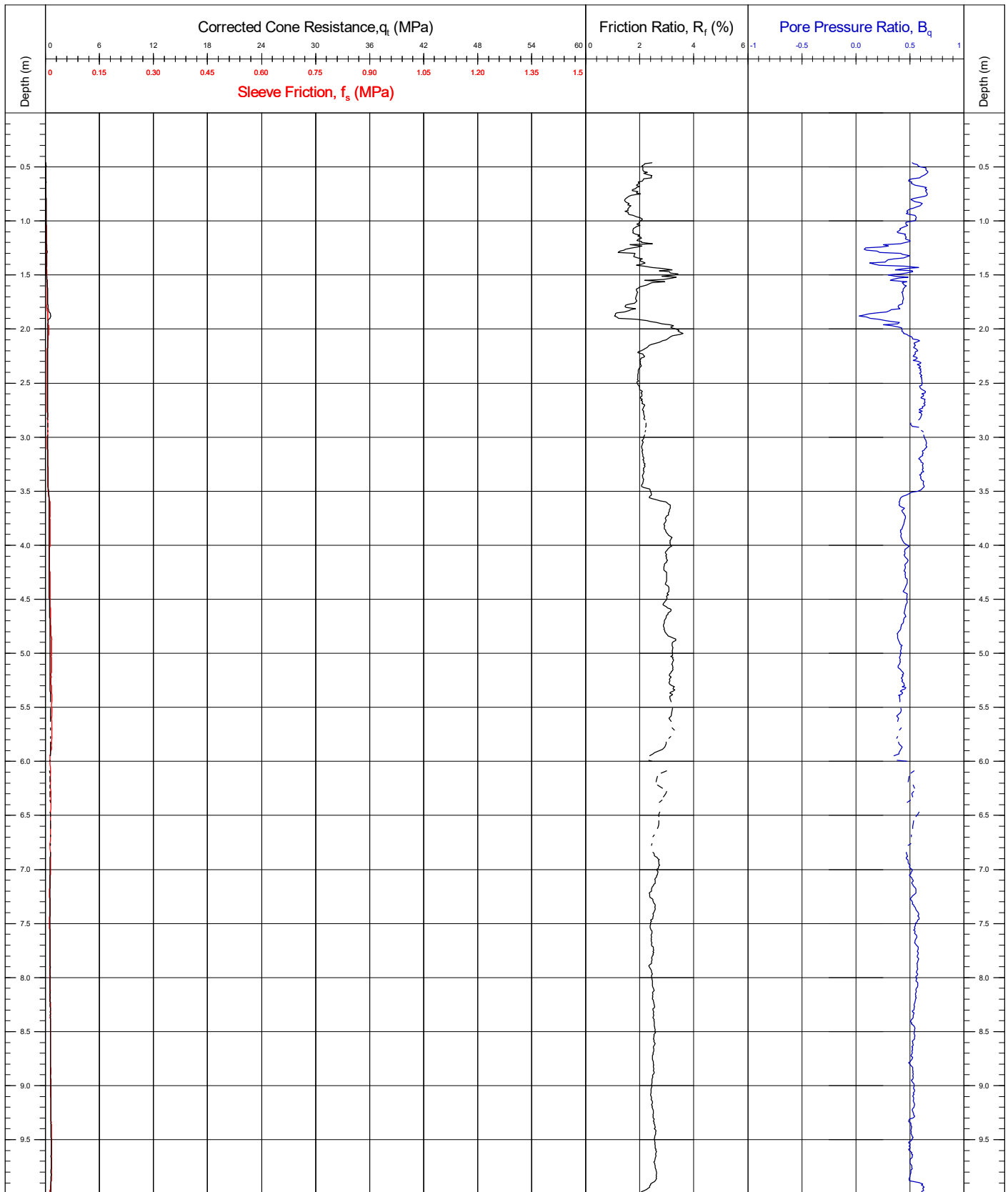


Area	Kattegat Sea	Coordinates	674320.00E 6270140.20N	CPT Number		
Contract	11596	Latitude / Longitude		CPT22		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.36			
Vessel	MV Ocean Vantage	Date of Test	30/04/2021	Page: 5/5		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 44.45m. Test terminated due to increasing cone inclination reaching maximum cone inclination threshold of 12 degrees- risk of rod bend and buckling rods</small>				QC Status		
				Cone No.(size)/ α Factor 181004 (10cm²) / 0.81		
Base Inclination			X = 1.2° / Y = 0.9°			
CRS		ETRS89		Preliminary	Draft	Final
				JK/BC (30/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

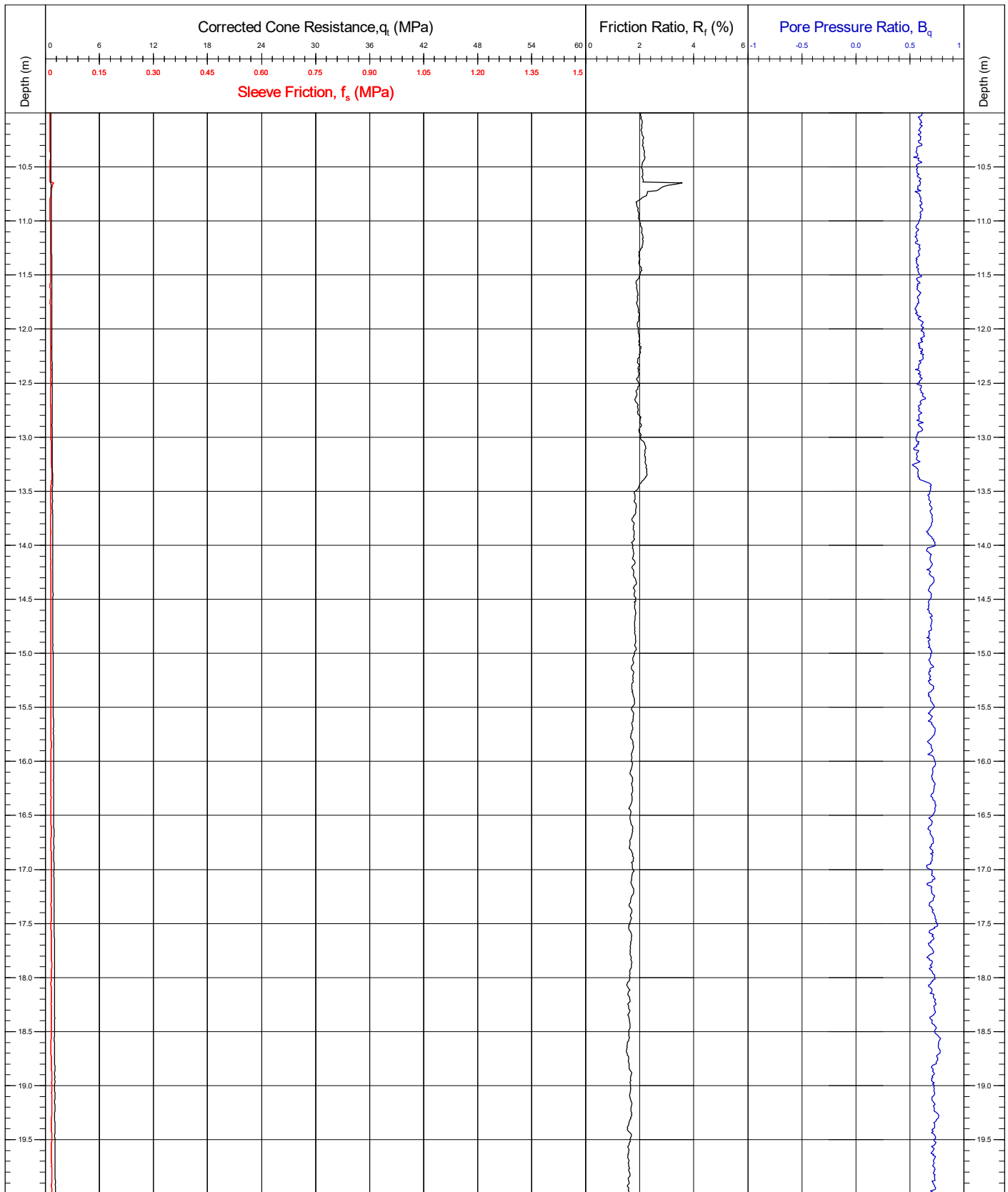


Area	Kattegat Sea	Coordinates	676253.10E	6269555.30N	CPT Number
Contract	11596	Latitude / Longitude			CPT23
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55		Page: 1/5
Vessel	MV Ocean Vantage	Date of Test	01/05/2021		QC Status
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 1.2° / Y = 0.7°		Draft
		CRS	ETRS89		Final
					JK/BC (01/05/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

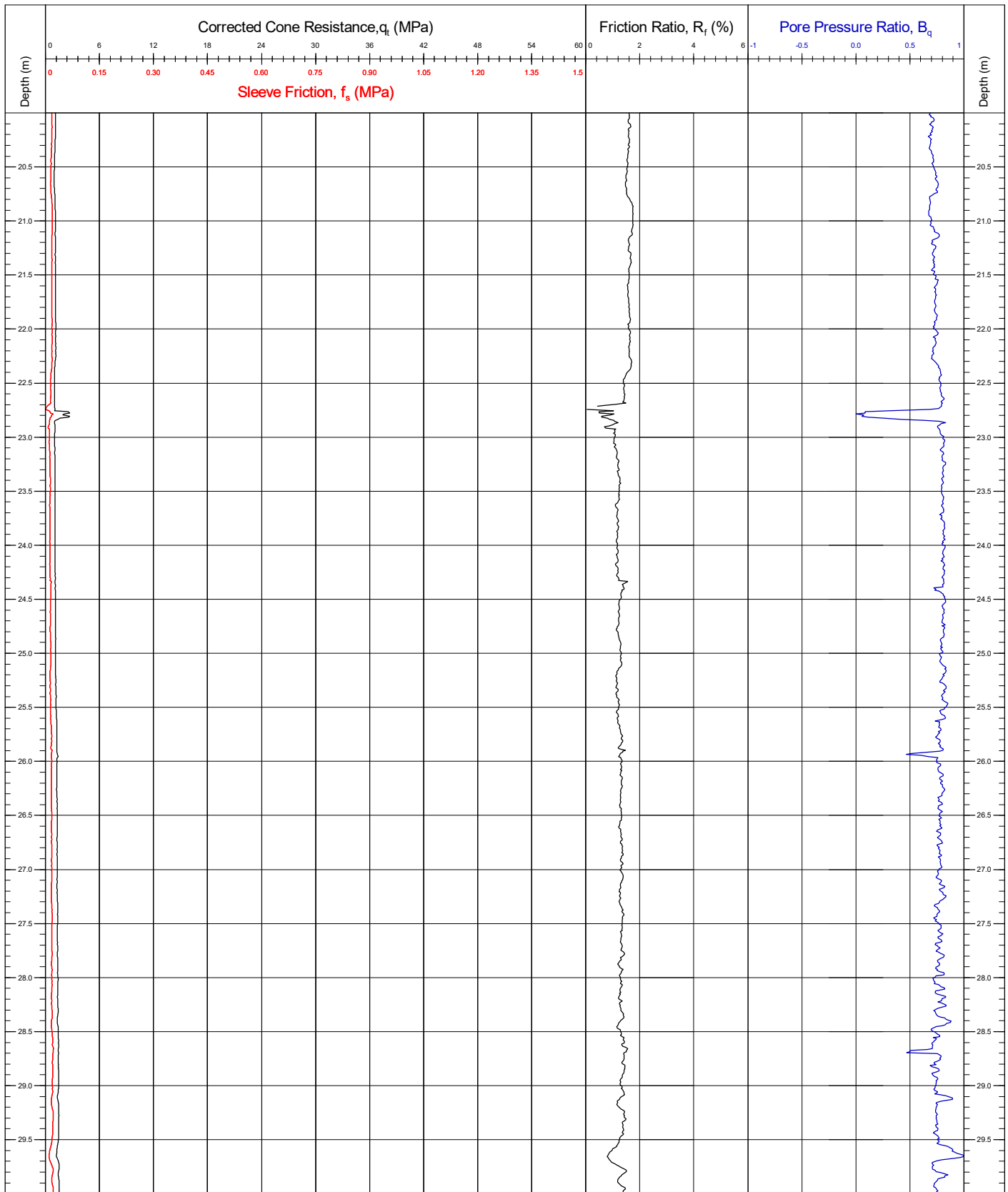


Area	Kattegat Sea	Coordinates	676253.10E 6269555.30N	CPT Number	
Contract	11596	Latitude / Longitude		CPT23	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55	Page: 2/5	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

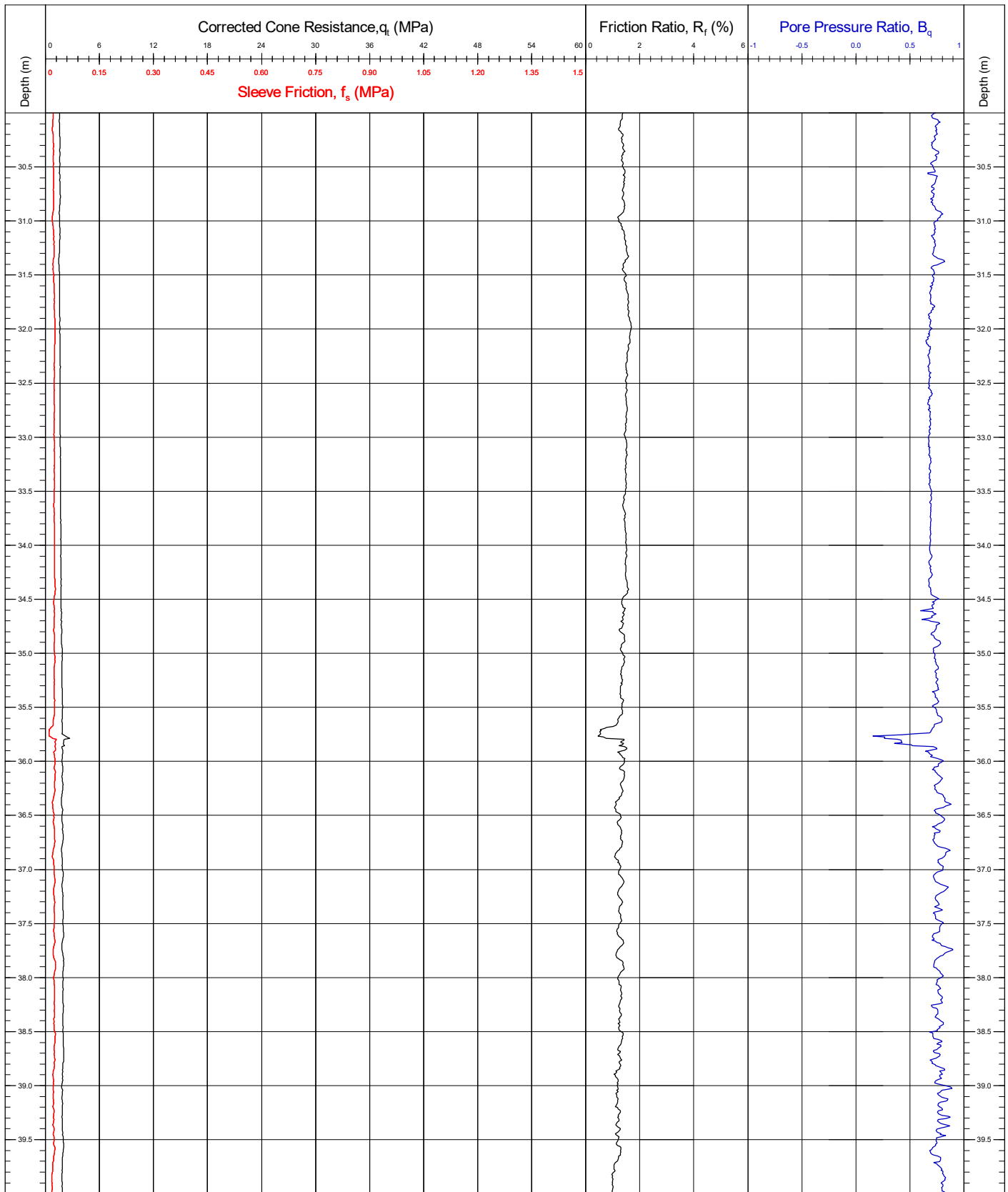


Area	Kattegat Sea	Coordinates	676253.10E	6269555.30N	CPT Number		
Contract	11596	Latitude / Longitude			CPT23		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55				
Vessel	MV Ocean Vantage	Date of Test	01/05/2021		Page: 3/5		
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		QC Status		
		Base Inclination	X = 1.2° / Y = 0.7°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

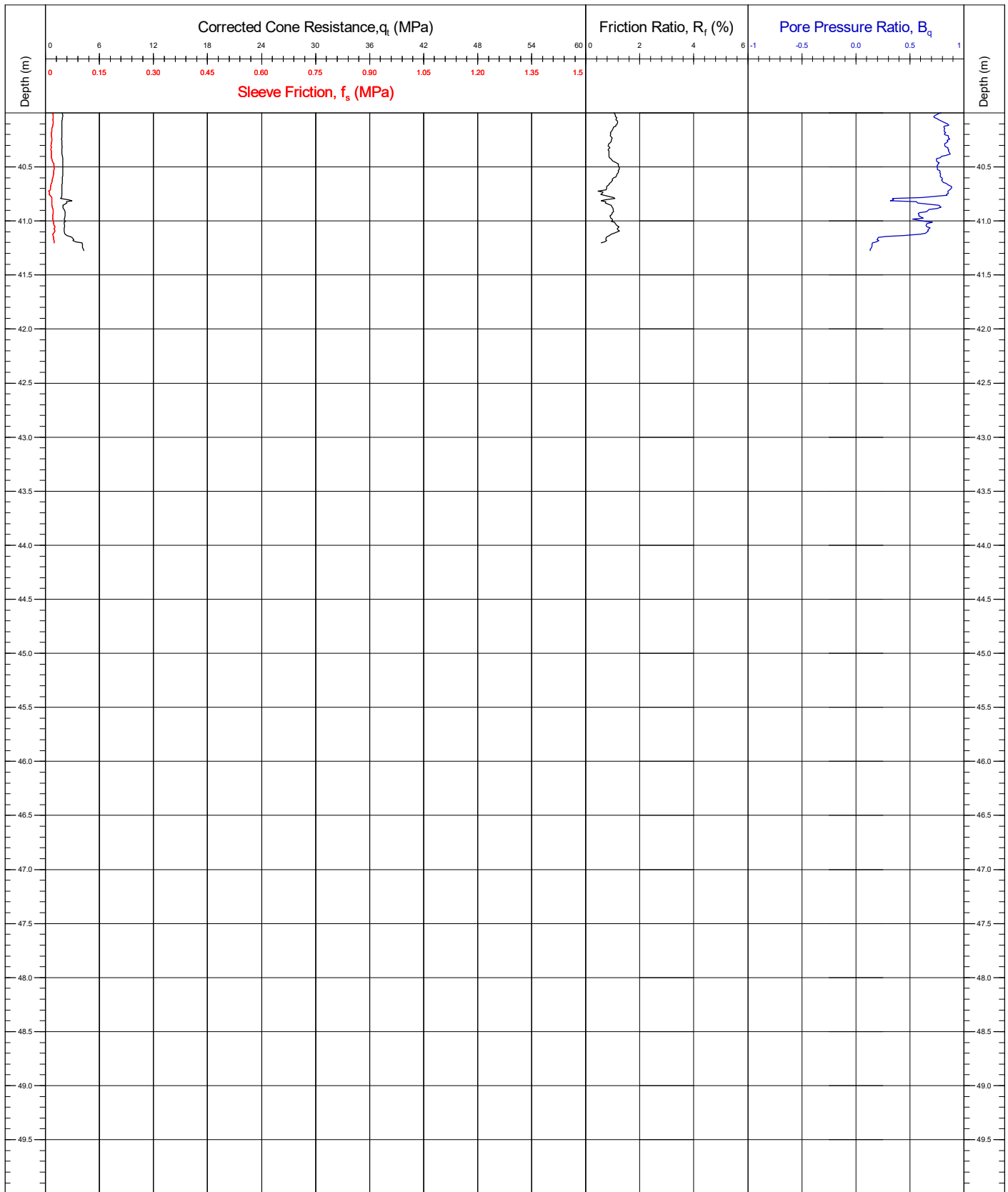


Area	Kattegat Sea	Coordinates	676253.10E 6269555.30N	CPT Number		
Contract	11596	Latitude / Longitude		CPT23		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55			
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 4/5		
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 1.2° / Y = 0.7°	Preliminary	Draft	Final
	CRS	ETRS89		JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

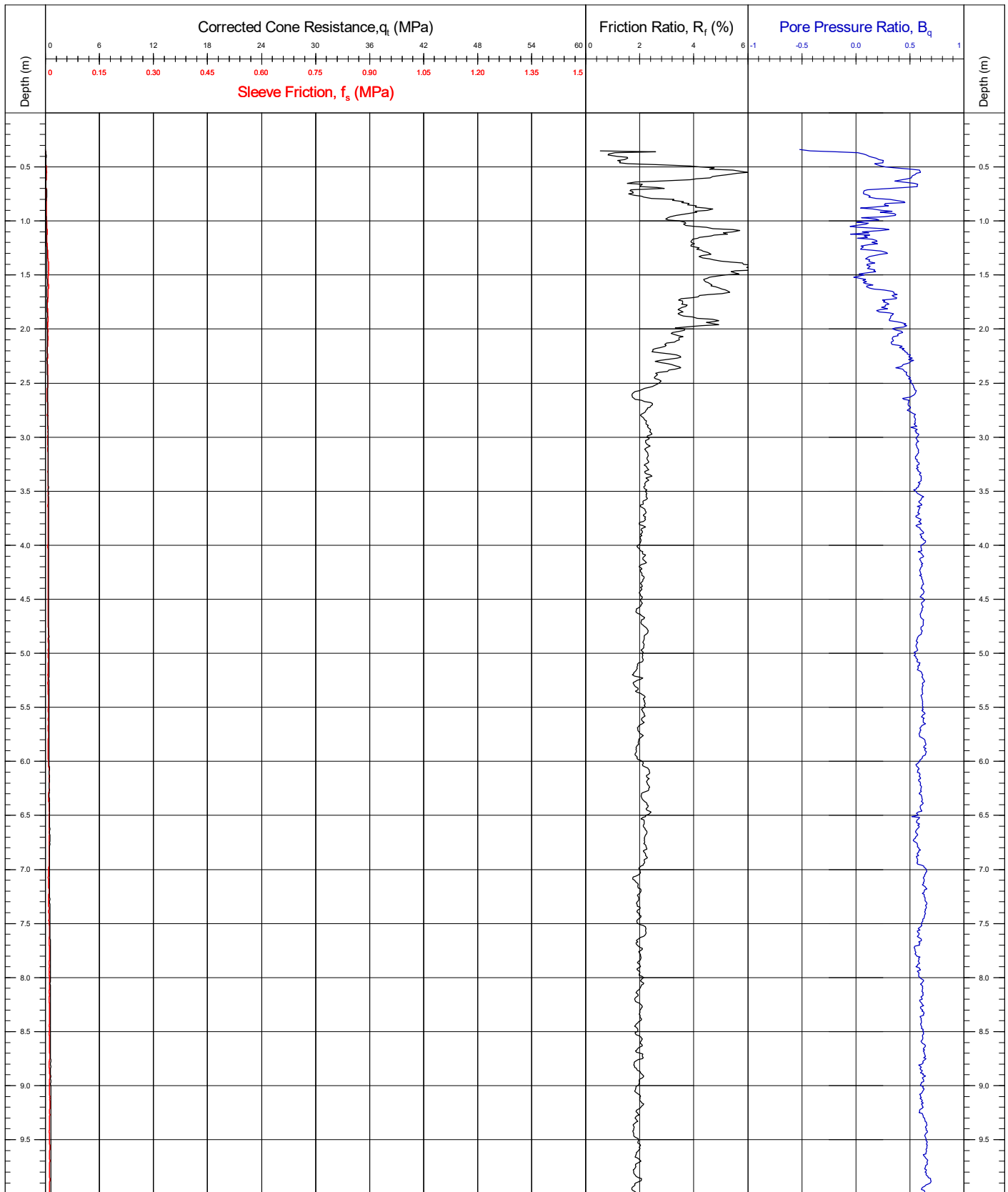


Area	Kattegat Sea	Coordinates	676253.10E	6269555.30N	CPT Number
Contract	11596	Latitude / Longitude			CPT23
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.55		Page: 5/5
Vessel	MV Ocean Vantage	Date of Test	01/05/2021		QC Status
Comments: Out of Class. Continuous seabed CPT. Final depth 40.84m. Test terminated at operators discretion due to risk of rod bend		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76		Preliminary
		Base Inclination	X = 1.2° / Y = 0.7°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(01/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

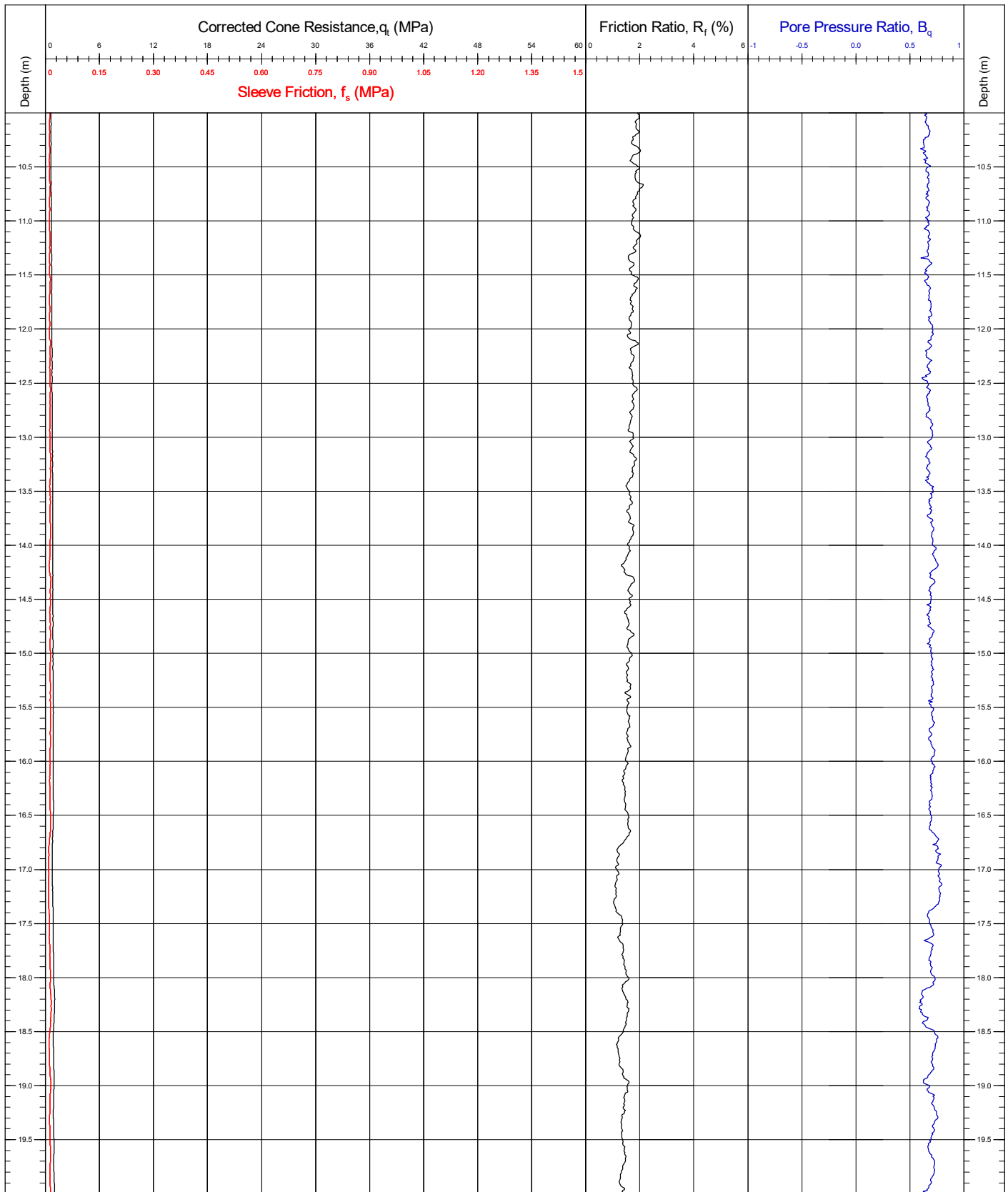


Area	Kattegat Sea	Coordinates	676906.00E 6273504.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.58	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = -0.1° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

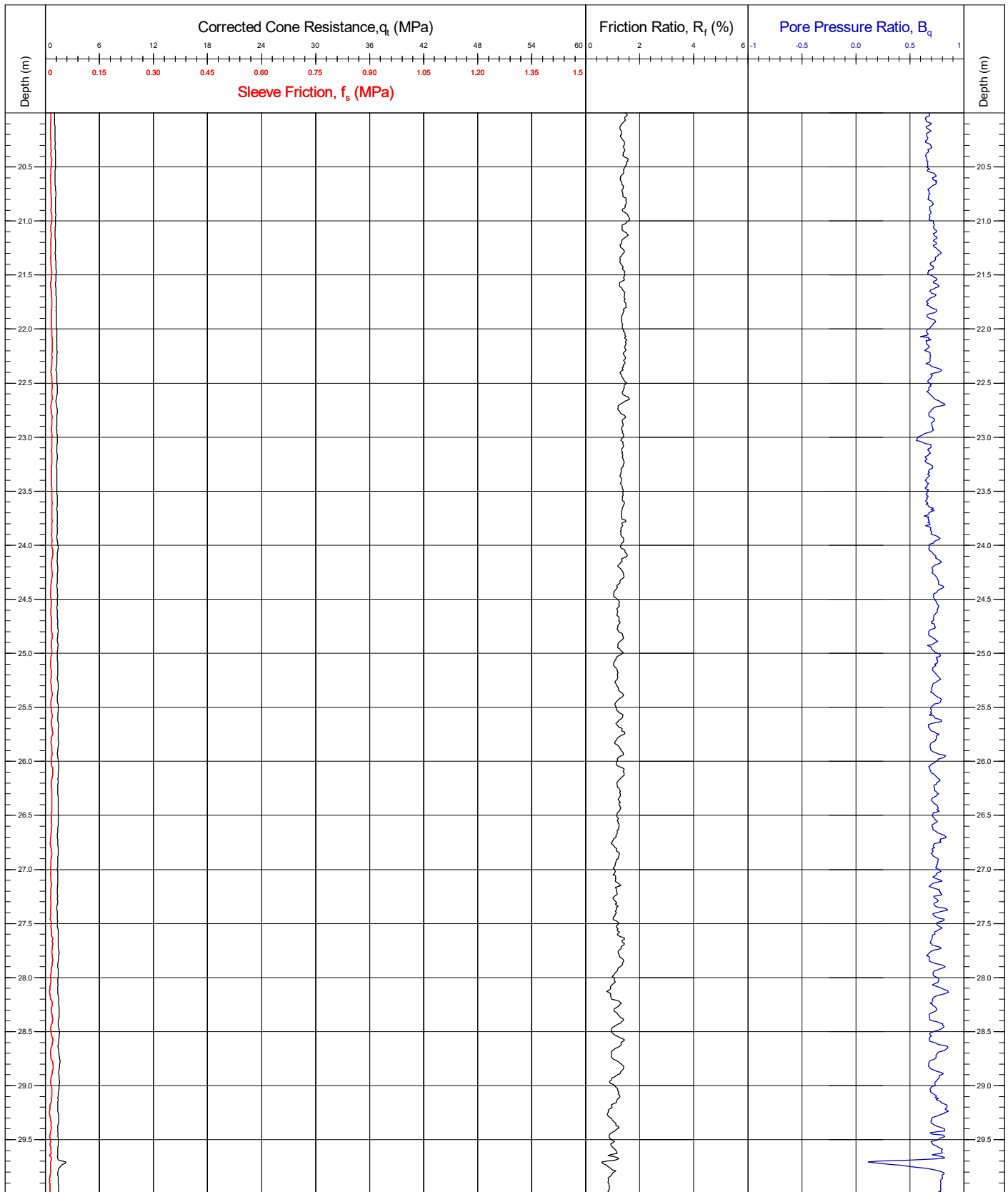


Area	Kattegat Sea	Coordinates	676906.00E 6273504.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.58	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = -0.1° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

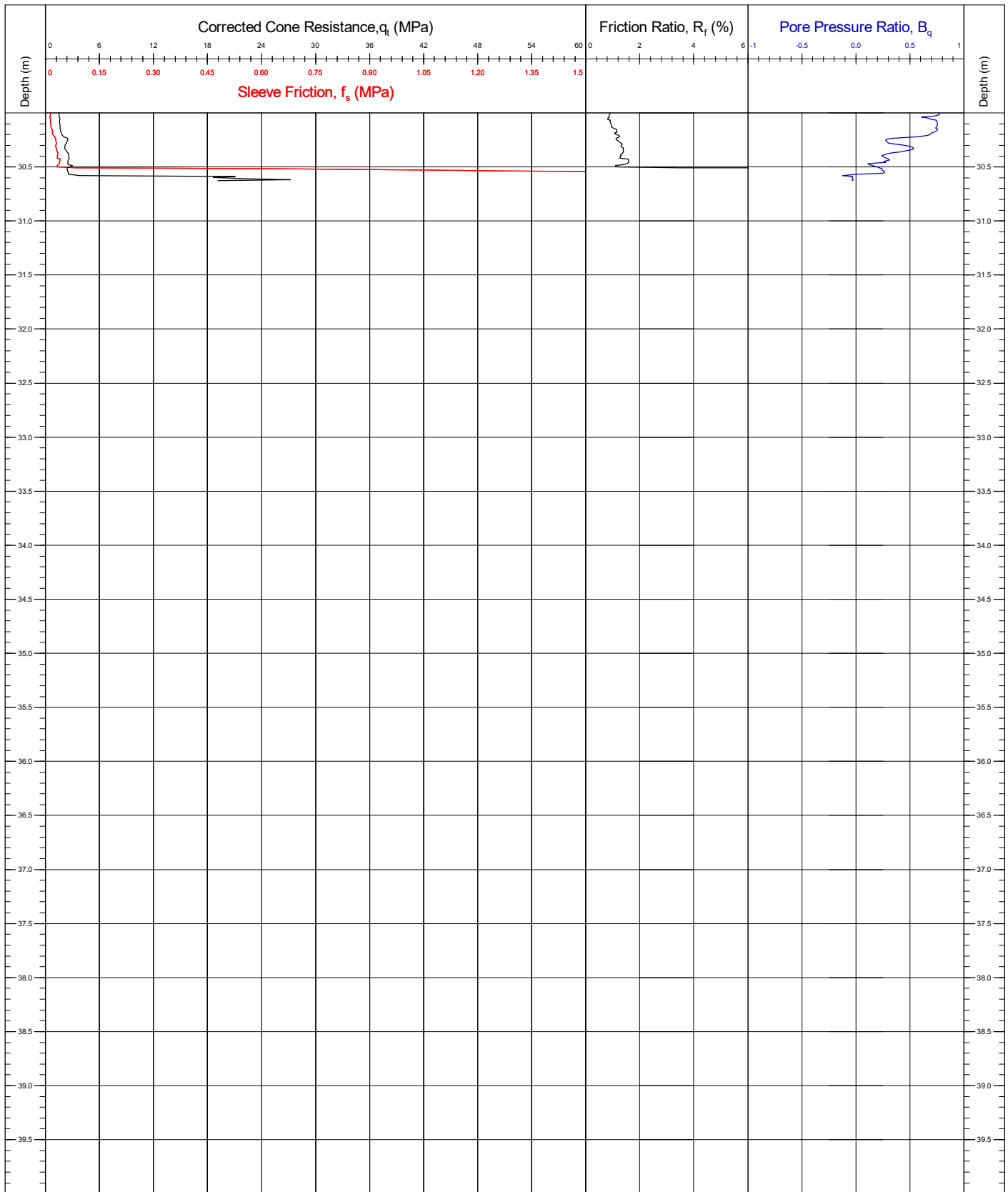


Area	Kattegat Sea	Coordinates	676906.00E 6273504.90N	CPT Number		
Contract	11596	Latitude / Longitude		CPT25		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.58			
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 3/4		
Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	QC Status		
		Base Inclination	X = -0.1° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

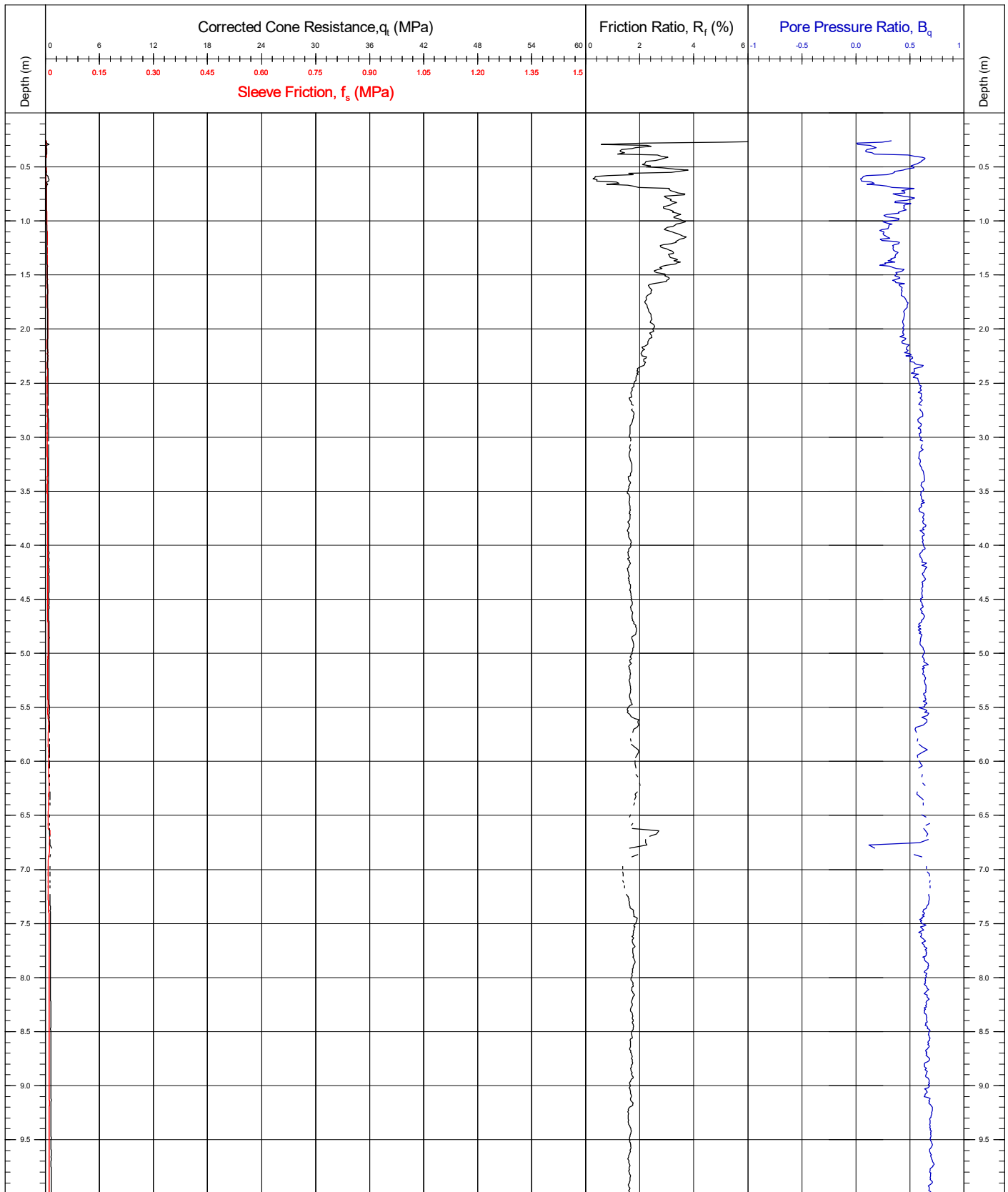


Area	Kattegat Sea	Coordinates	676906.00E 6273504.90N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.58	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status	
Comments: Out of class. Continuous seabed CPT. Final depth 30.31m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software		Cone No.(size)/α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final	
		Base Inclination	X = -0.1° / Y = 0.0°	JK/BC	DR
		CRS	ETRS89	(01/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

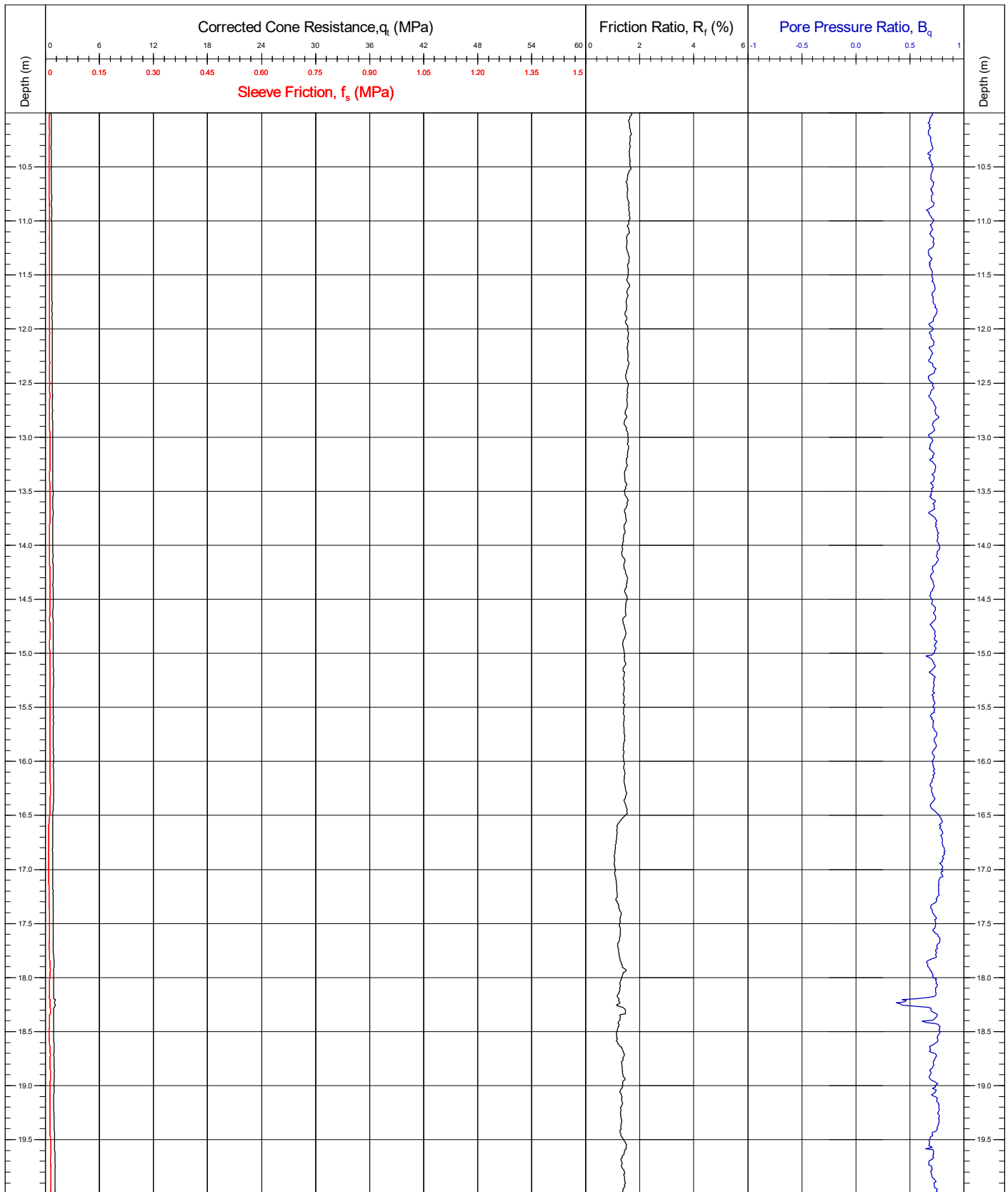


Area	Kattegat Sea	Coordinates	676906.40E 6273499.90N	CPT Number CPT25a		
Contract	11596	Latitude / Longitude				
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63	Page: 1/4		
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	QC Status		
<small>Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software</small>		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	Preliminary		
		Base Inclination	X = 1.2° / Y = 0.5°	Draft		
		CRS	ETRS89	Final		
				JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

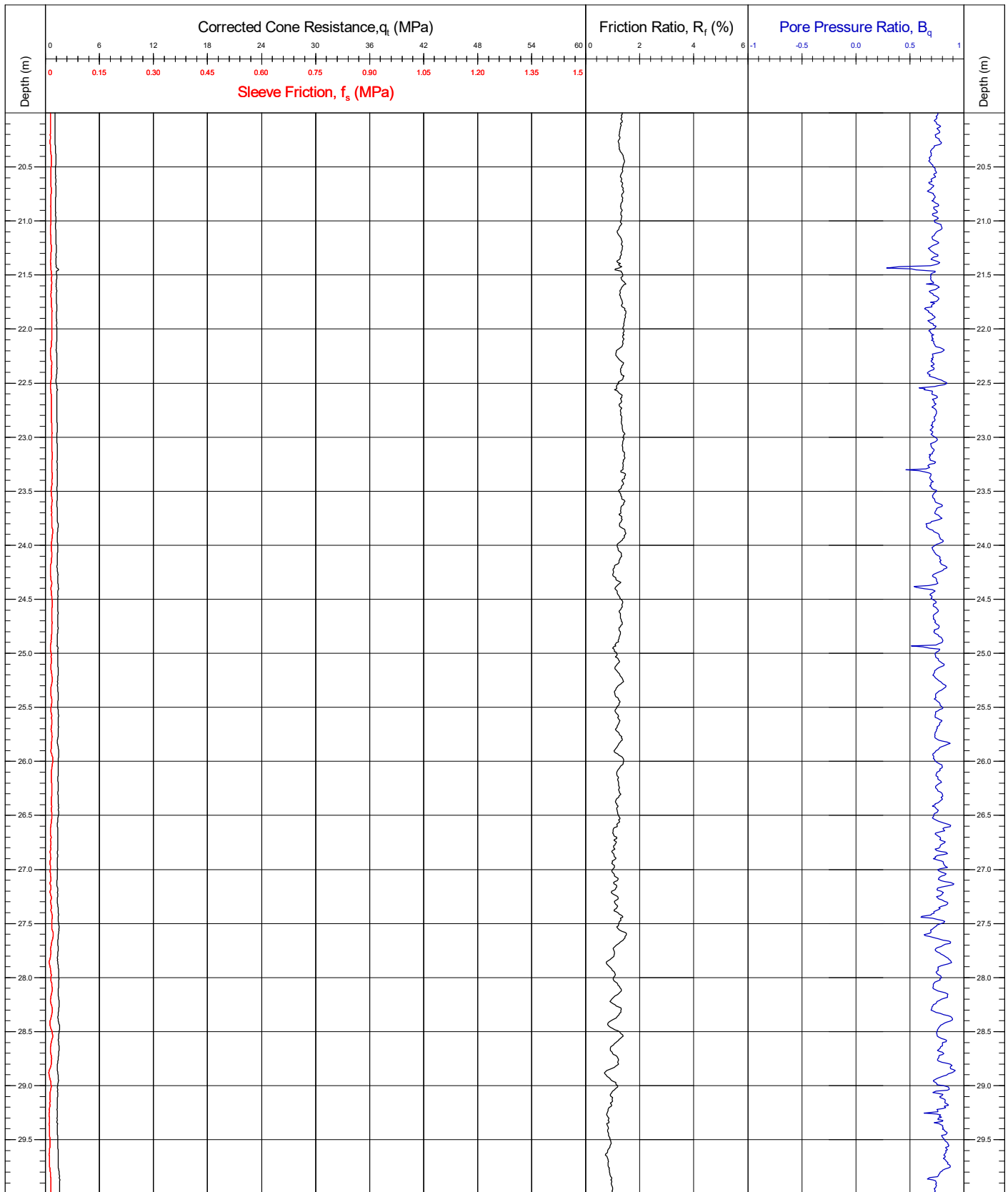


Area	Kattegat Sea	Coordinates	676906.40E	6273499.90N	CPT Number
Contract	11596	Latitude / Longitude			CPT25a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63		Page: 2/4
Vessel	MV Ocean Vantage	Date of Test	01/05/2021		QC Status
<small>Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software</small>		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8		Preliminary
		Base Inclination	X = 1.2° / Y = 0.5°		Draft
		CRS	ETRS89		Final
					JK/BC (01/05/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

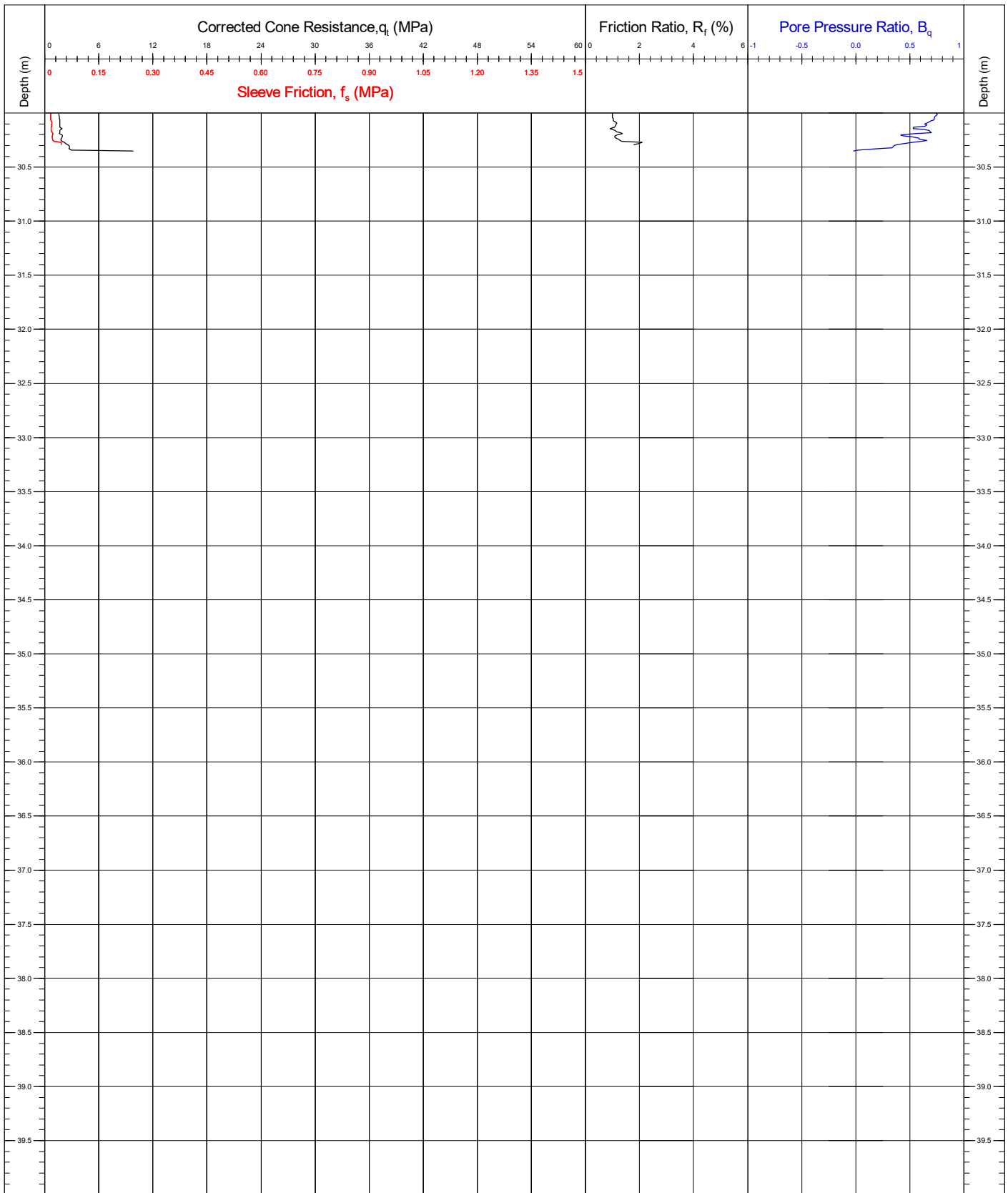


Area	Kattegat Sea	Coordinates	676906.40E 6273499.90N	CPT Number		
Contract	11596	Latitude / Longitude		CPT25a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63			
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 3/4		
<small>Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software</small>				QC Status		
				Cone No.(size)/ α Factor 120829 (10cm²) / 0.8		
Base Inclination				X = 1.2° / Y = 0.5°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

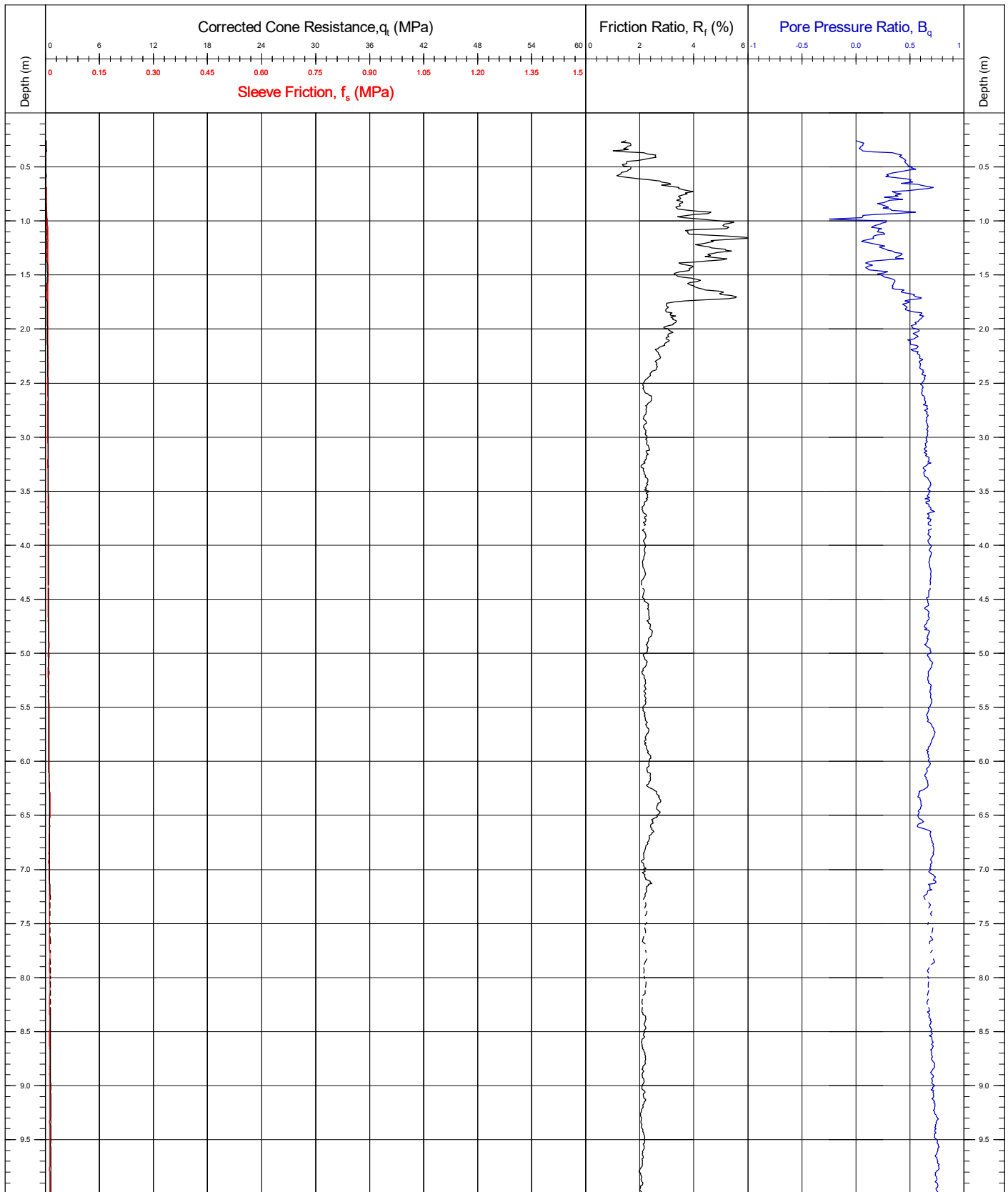


Area	Kattegat Sea	Coordinates	676906.40E 6273499.90N	CPT Number		
Contract	11596	Latitude / Longitude		CPT25a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.63			
Vessel	MV Ocean Vantage	Date of Test	01/05/2021	Page: 4/4		
<small>Comments: Cone class 3. Continuous seabed CPT. Final depth 30.11m. Test terminated due to lost communication with the cone after attempting a dissipation test which crashed the Gardlog software</small>				QC Status		
				Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	
Base Inclination				X = 1.2° / Y = 0.5°		
CRS				ETRS89		
				JK/BC (01/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

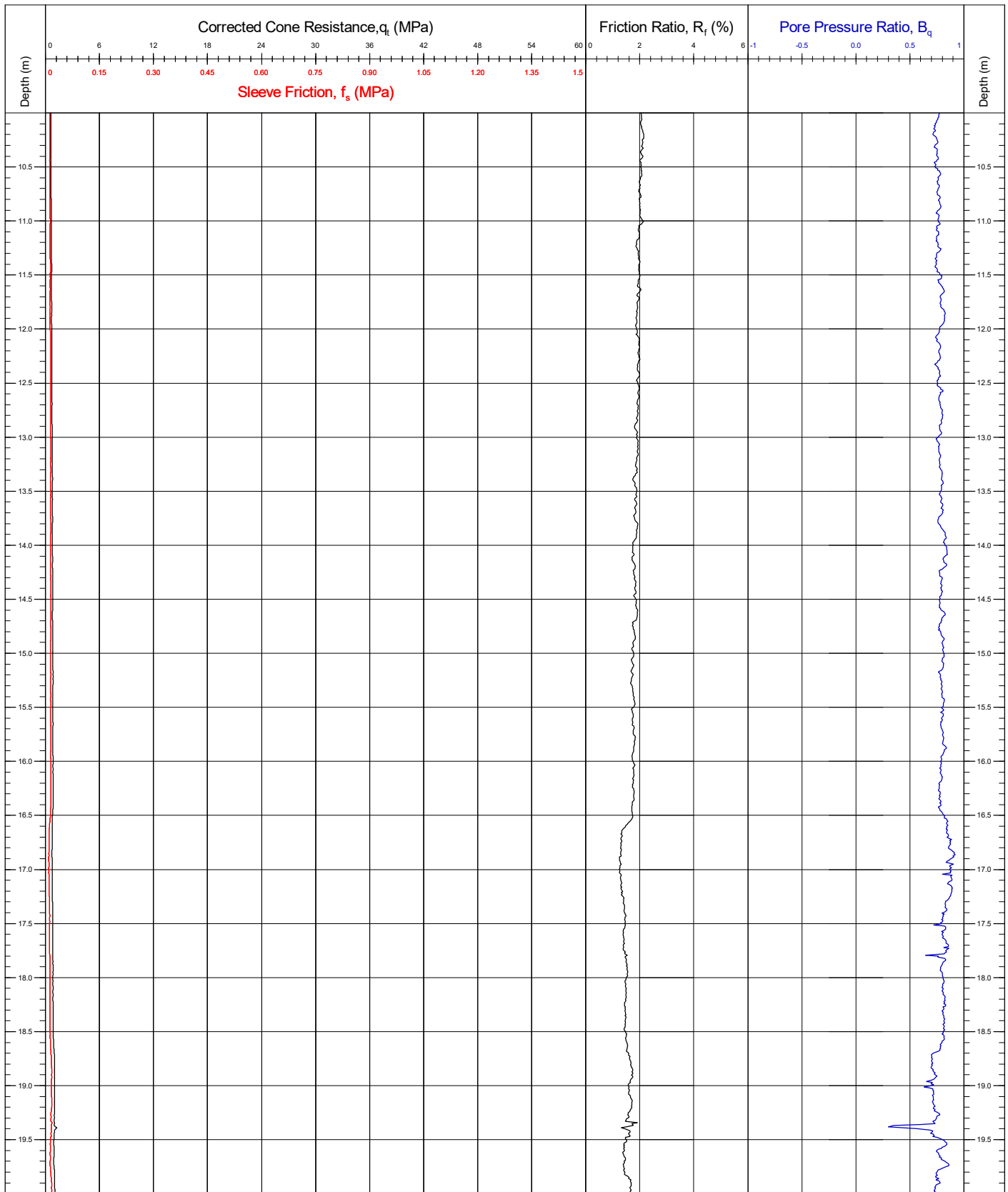


Area	Kattegat Sea	Coordinates	676906.00E 6273510.10N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25b	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(02/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

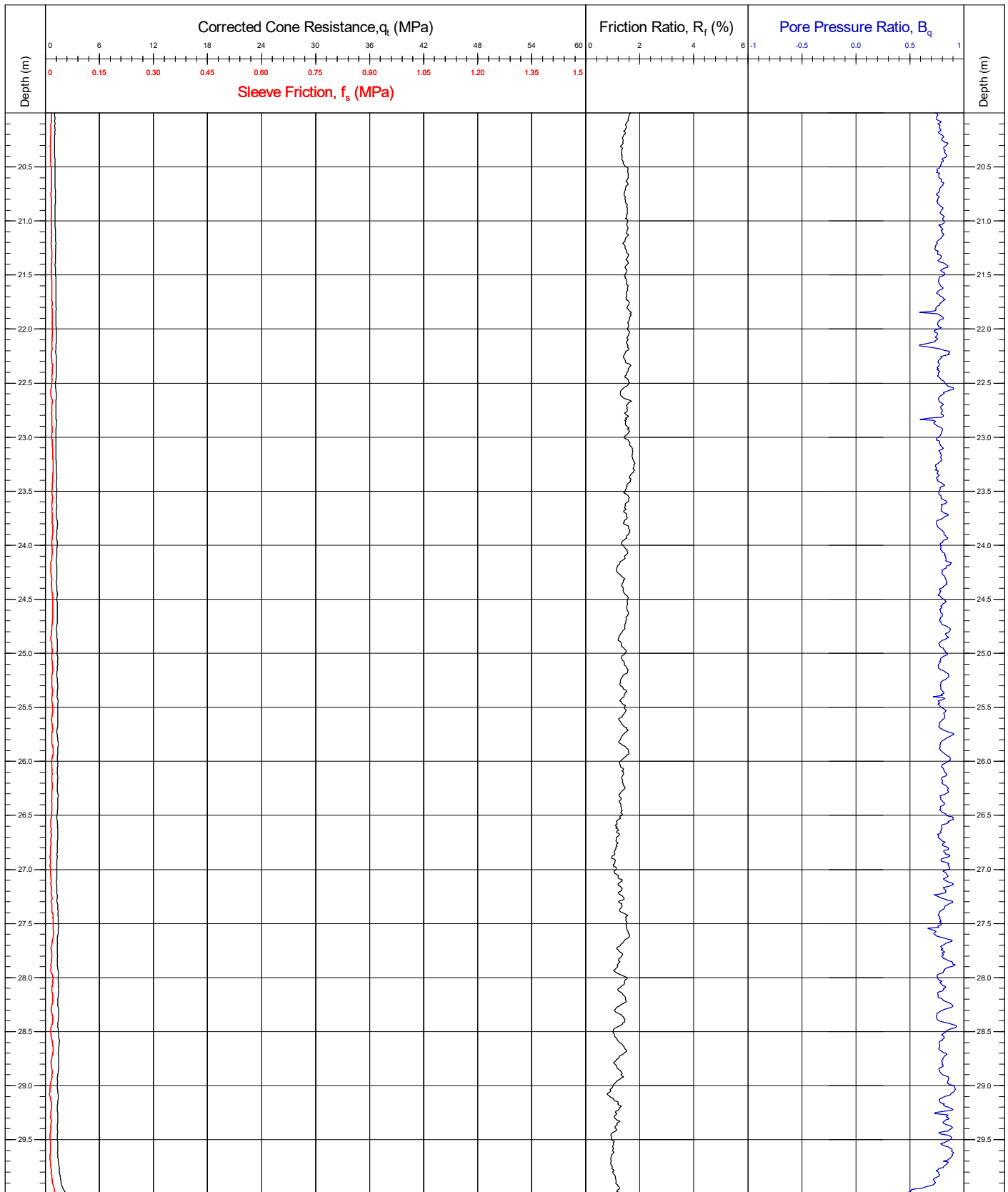


Area	Kattegat Sea	Coordinates	676906.00E 6273510.10N	CPT Number		
Contract	11596	Latitude / Longitude		CPT25b		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status		
Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary		
		Base Inclination	X = 1.1° / Y = 0.9°	Draft		
		CRS	ETRS89	Final		
				JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

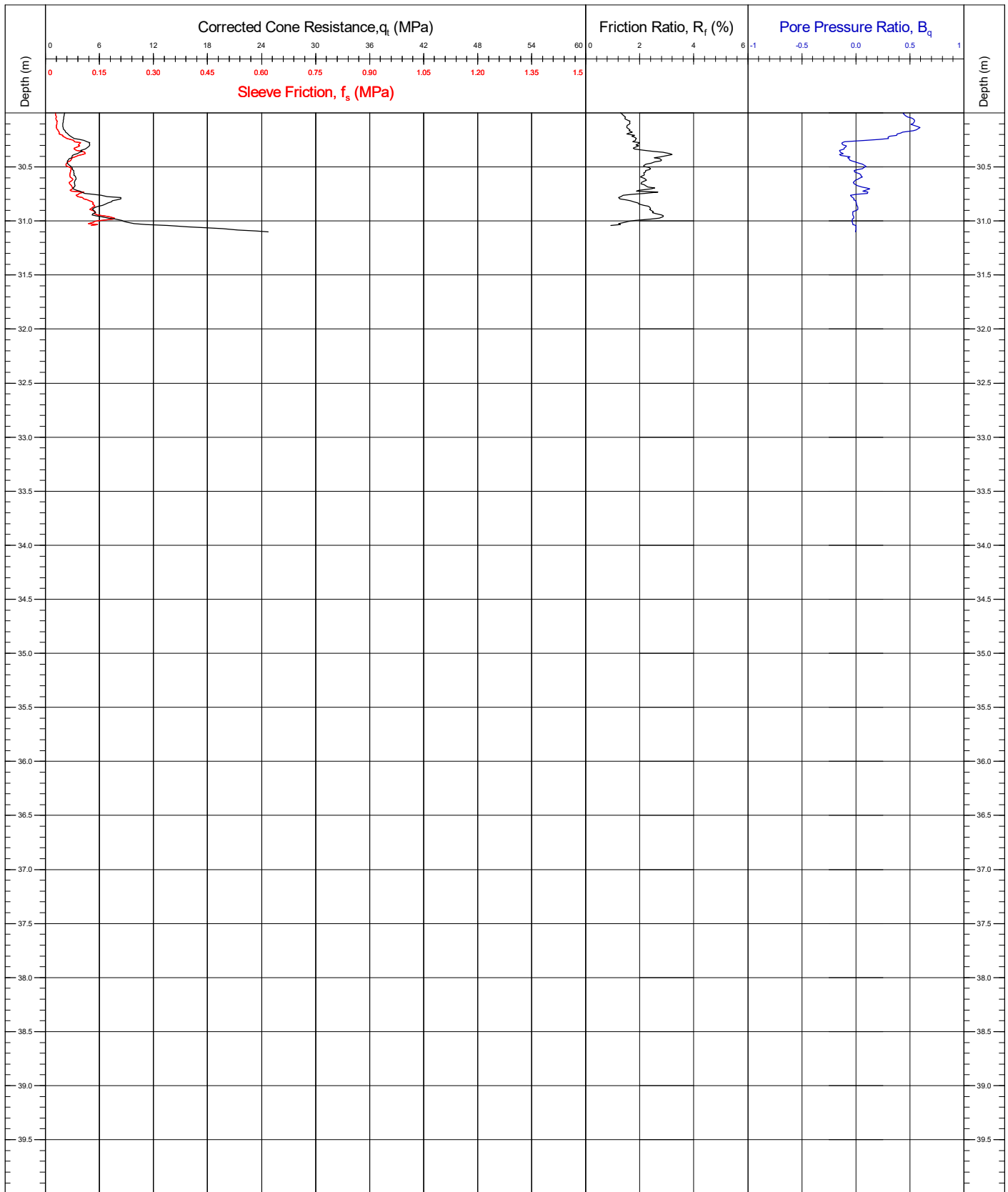


Area	Kattegat Sea	Coordinates	676906.00E	6273510.10N	CPT Number
Contract	11596	Latitude / Longitude			CPT25b
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57		Page: 3/4
Vessel	MV Ocean Vantage	Date of Test	02/05/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline		Cone No.(size)/α Factor	130206 (10cm ²) / 0.77		Preliminary
		Base Inclination	X = 1.1° / Y = 0.9°		Draft
		CRS	ETRS89		Final
			JK/BC	DR	SMc
			(02/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

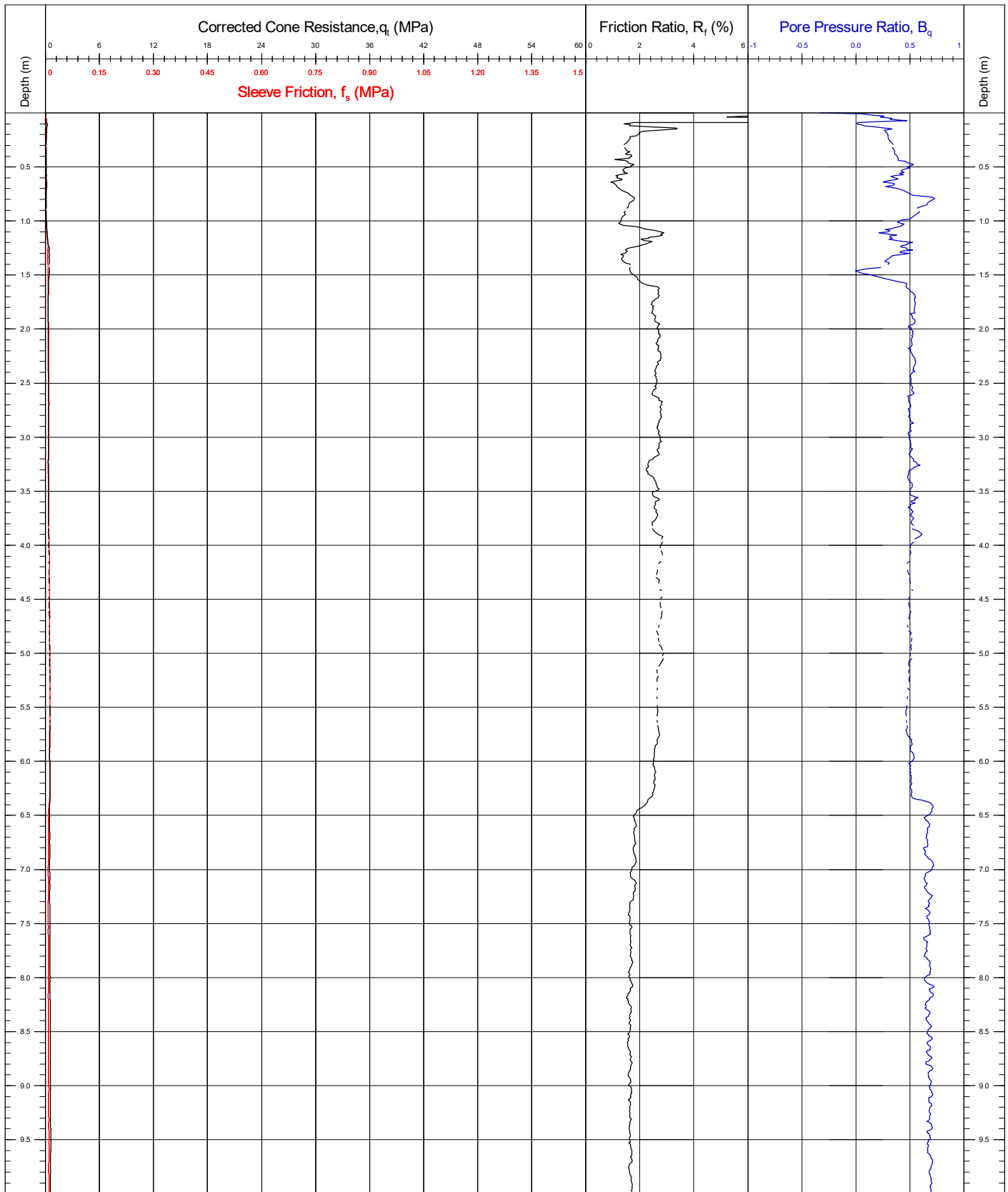


Area	Kattegat Sea	Coordinates	676906.00E 6273510.10N	CPT Number	
Contract	11596	Latitude / Longitude		CPT25b	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.57	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 30.86m. Test terminated at operators discretion due to increasing total load and lack of lateral rod support from mudline		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(02/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

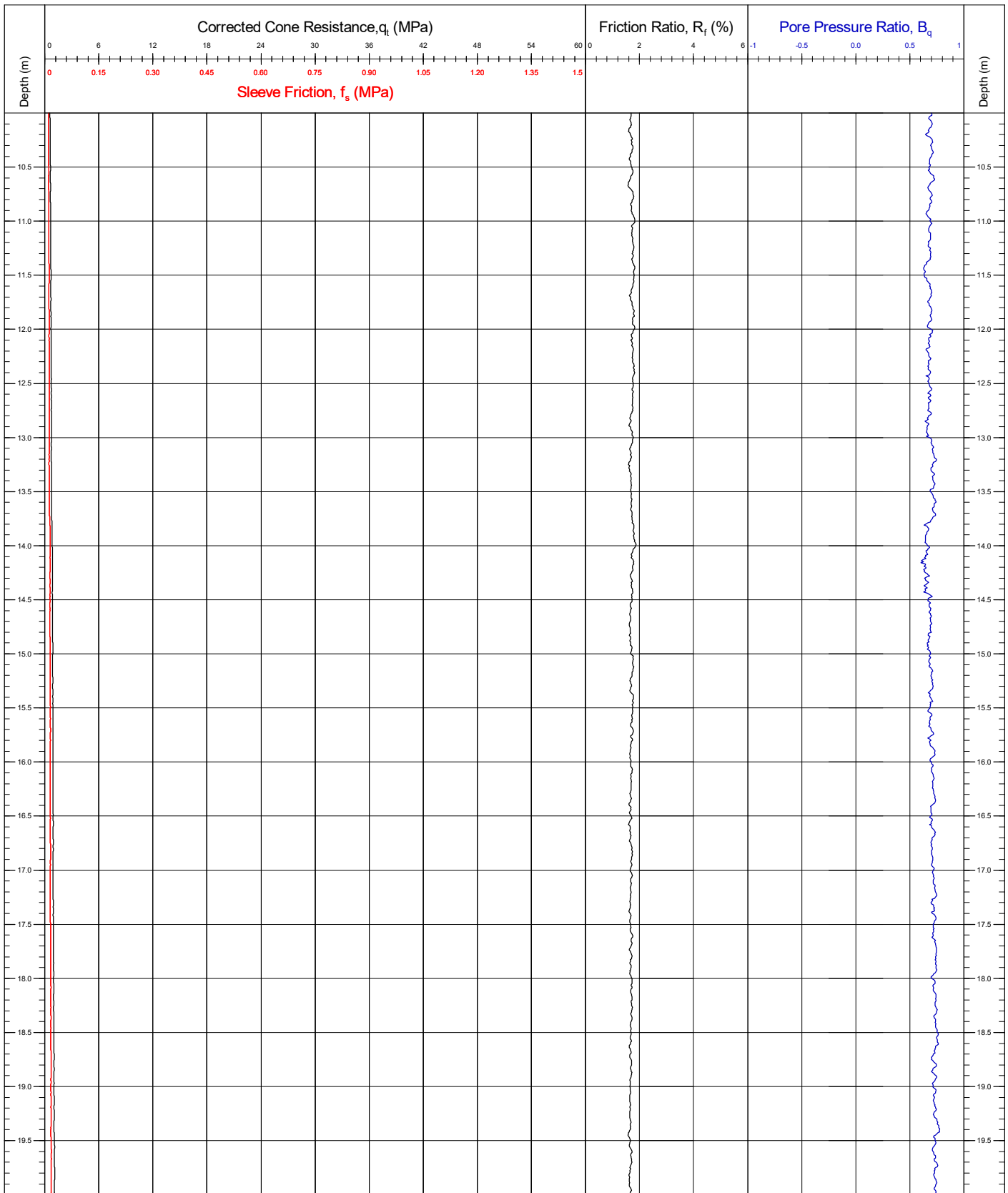


Area	Kattegat Sea	Coordinates	676724.10E 6276824.70N	CPT Number		
Contract	11596	Latitude / Longitude		CPT26		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.88			
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 1/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

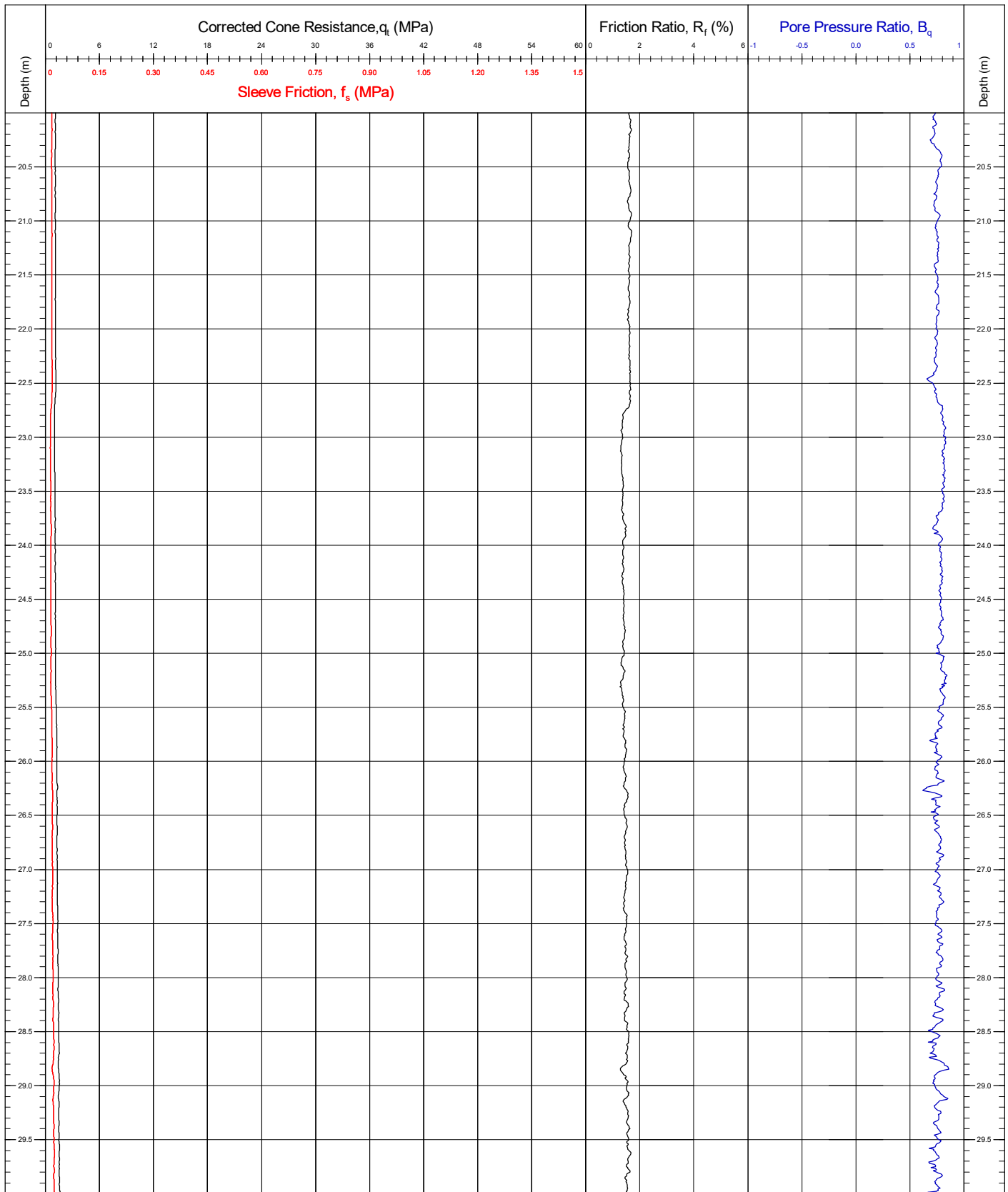


Area	Kattegat Sea	Coordinates	676724.10E 6276824.70N	CPT Number		
Contract	11596	Latitude / Longitude		CPT26		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.88			
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 2/4		
<small>Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

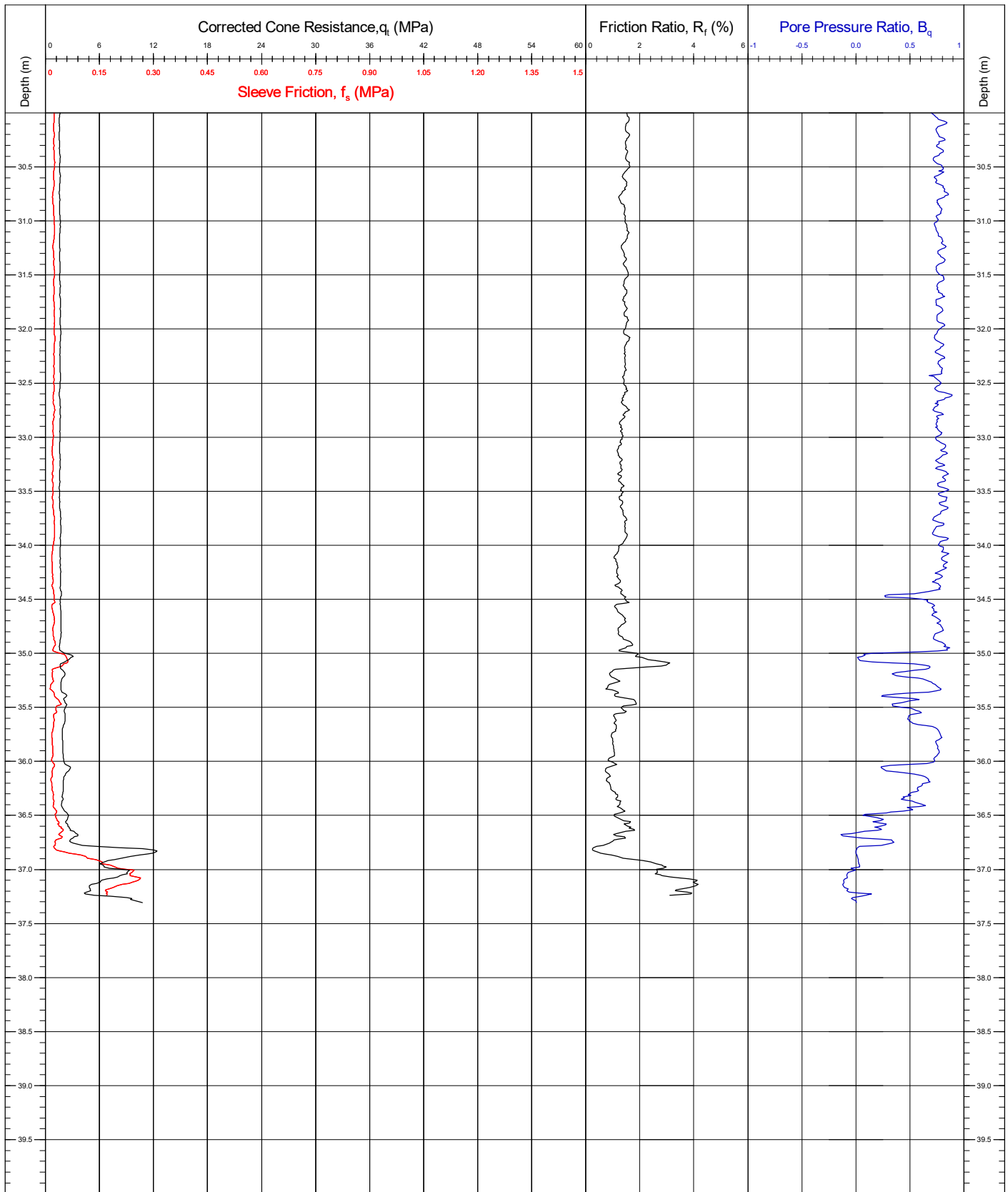


Area	Kattegat Sea	Coordinates	676724.10E 6276824.70N	CPT Number	
Contract	11596	Latitude / Longitude		CPT26	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.88	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(02/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

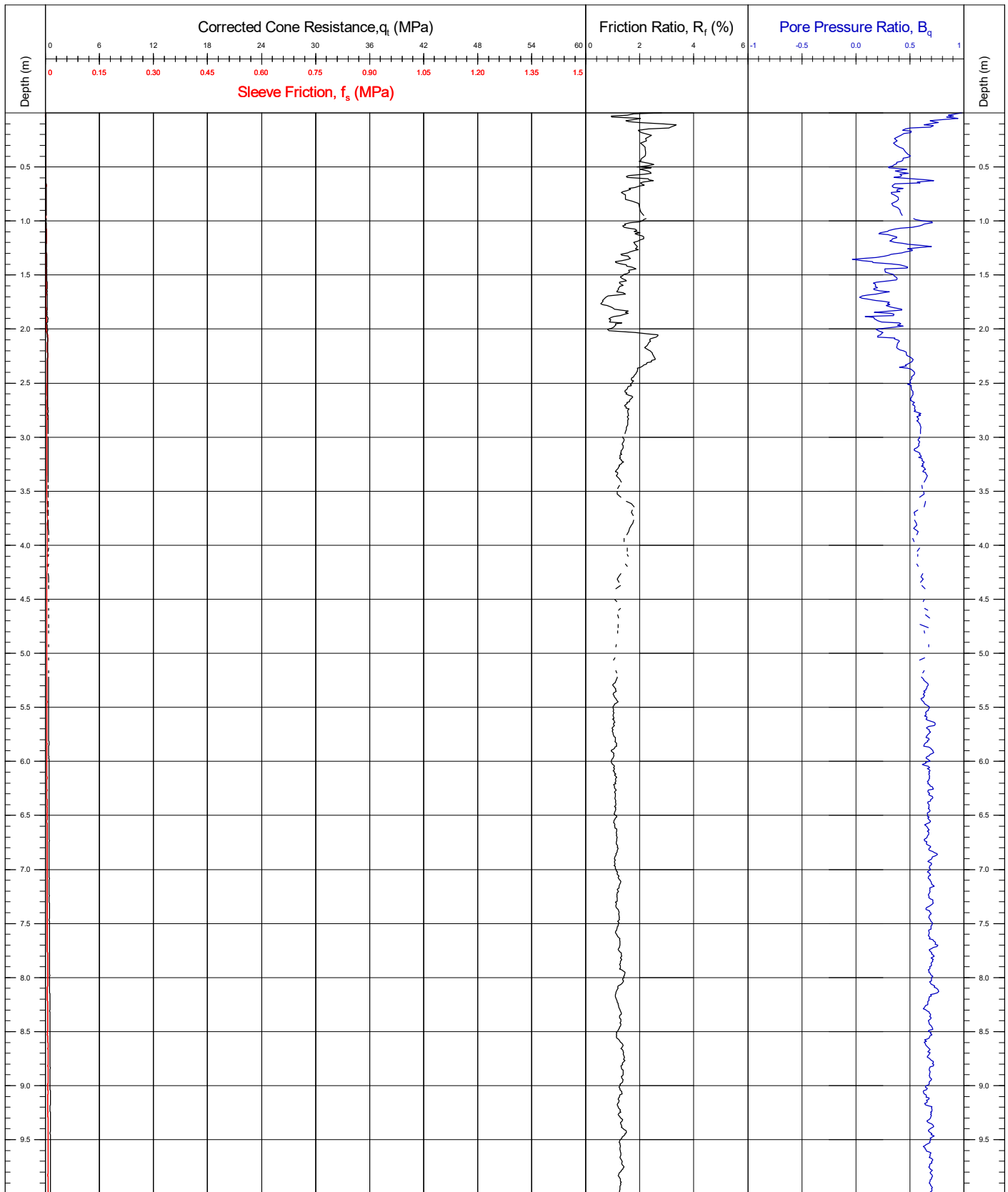


Area	Kattegat Sea	Coordinates	676724.10E 6276824.70N	CPT Number		
Contract	11596	Latitude / Longitude		CPT26		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.88			
Vessel	MV Ocean Vantage	Date of Test	02/05/2021	Page: 4/4		
Comments: Cone class 1. Continuous seabed CPT. Final depth 37.33m. Test terminated at operators discretion to avoid damage due to lack of lateral rod support and an increasing tip load		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (02/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

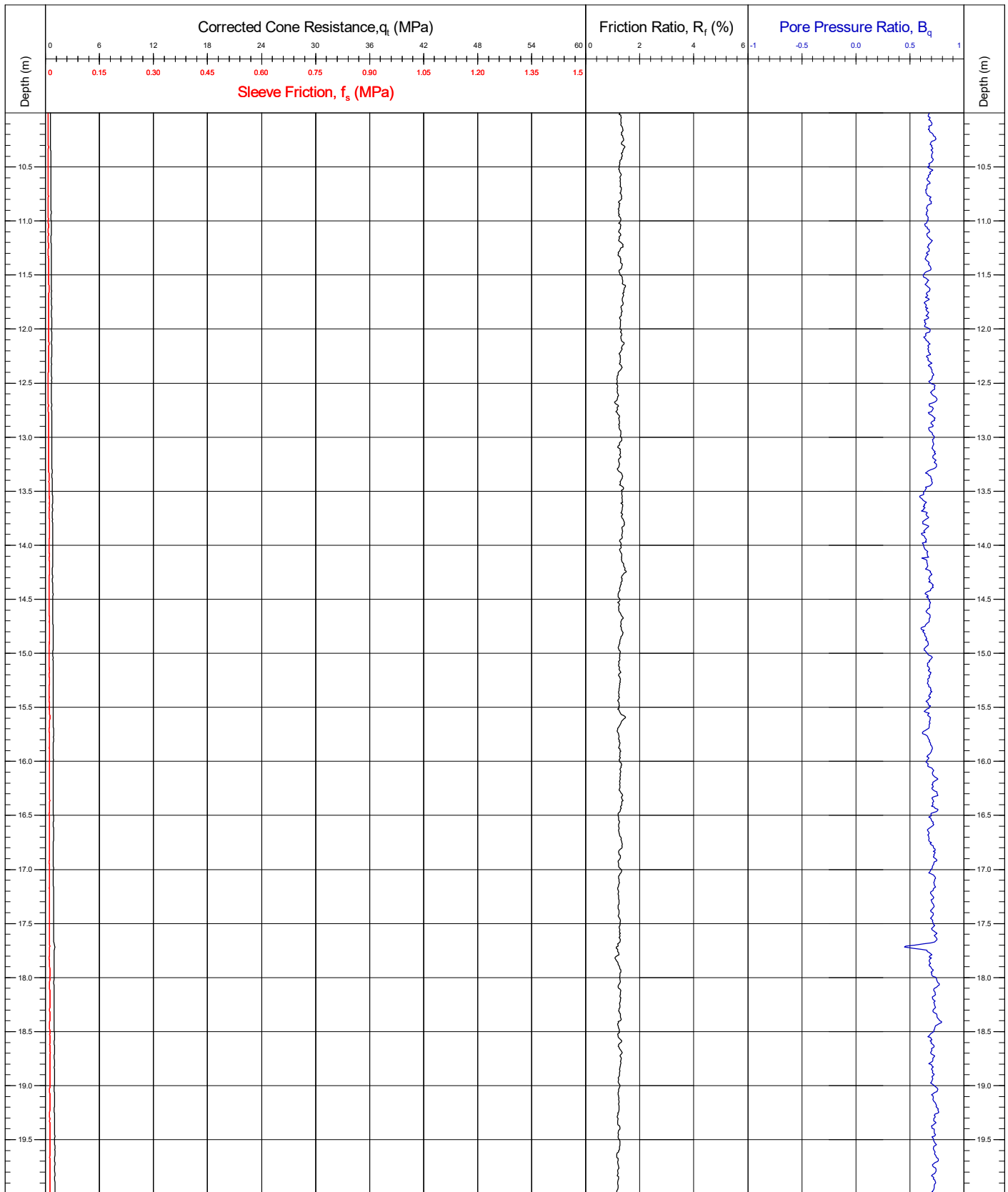


Area	Kattegat Sea	Coordinates	674182.00E 6265896.30N	CPT Number	
Contract	11596	Latitude / Longitude		OSS 1	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 1/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
<small>Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4</small>		Cone No.(size)/ α Factor	100415 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC <small>(25/04/2021)</small>	DR <small>(10/06/2021)</small>
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

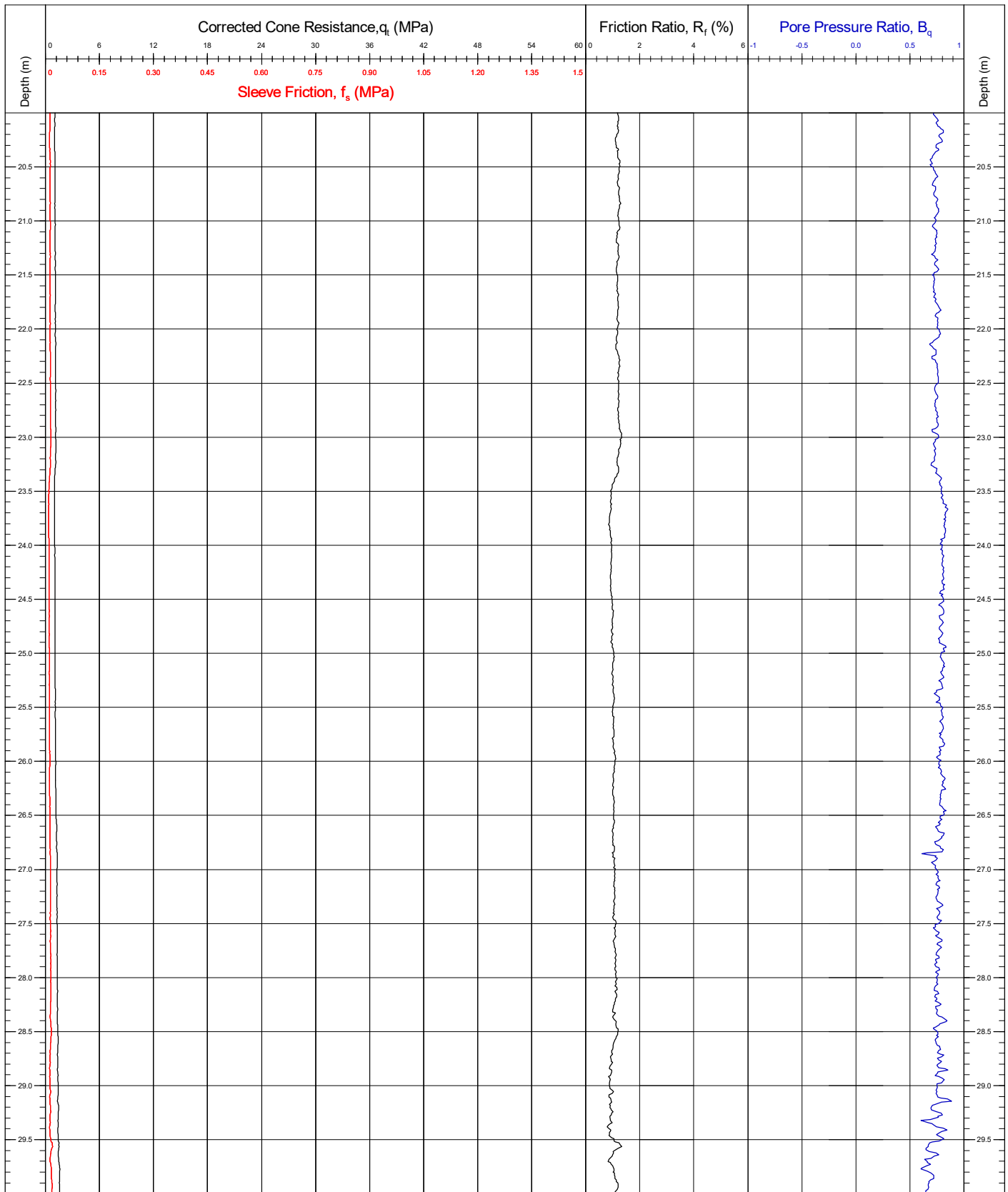


Area	Kattegat Sea	Coordinates	674182.00E 6265896.30N	CPT Number	
Contract	11596	Latitude / Longitude		OSS 1	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 2/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
<small>Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4</small>		Cone No.(size)/α Factor	100415 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC <small>(25/04/2021)</small>	DR <small>(10/06/2021)</small>
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

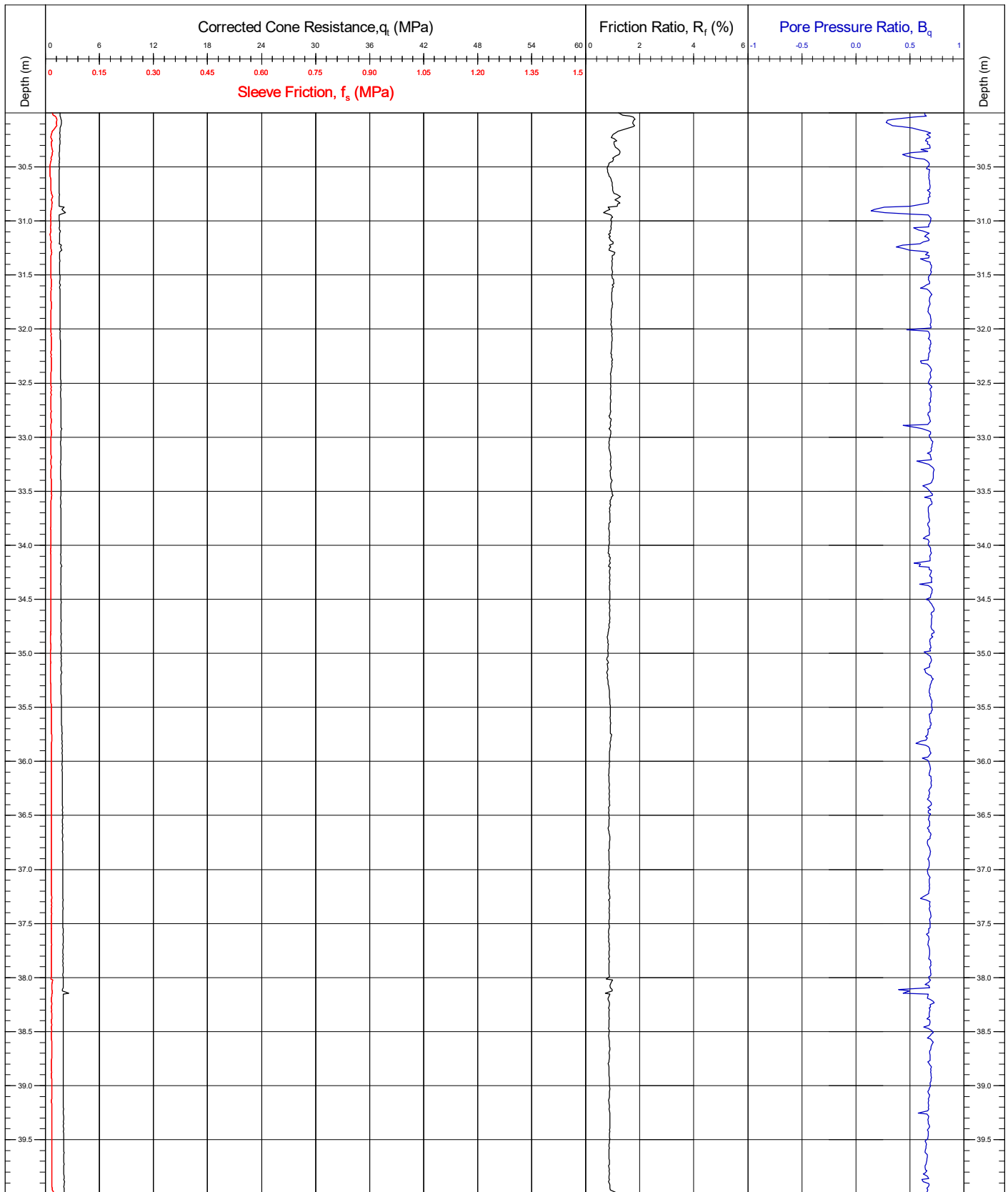


Area	Kattegat Sea	Coordinates	674182.00E 6265896.30N	CPT Number	
Contract	11596	Latitude / Longitude		OSS 1	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60	Page: 3/5	
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	QC Status	
Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4		Cone No.(size)/ α Factor	100415 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 0.0° / Y = 0.0°	JK/BC (25/04/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

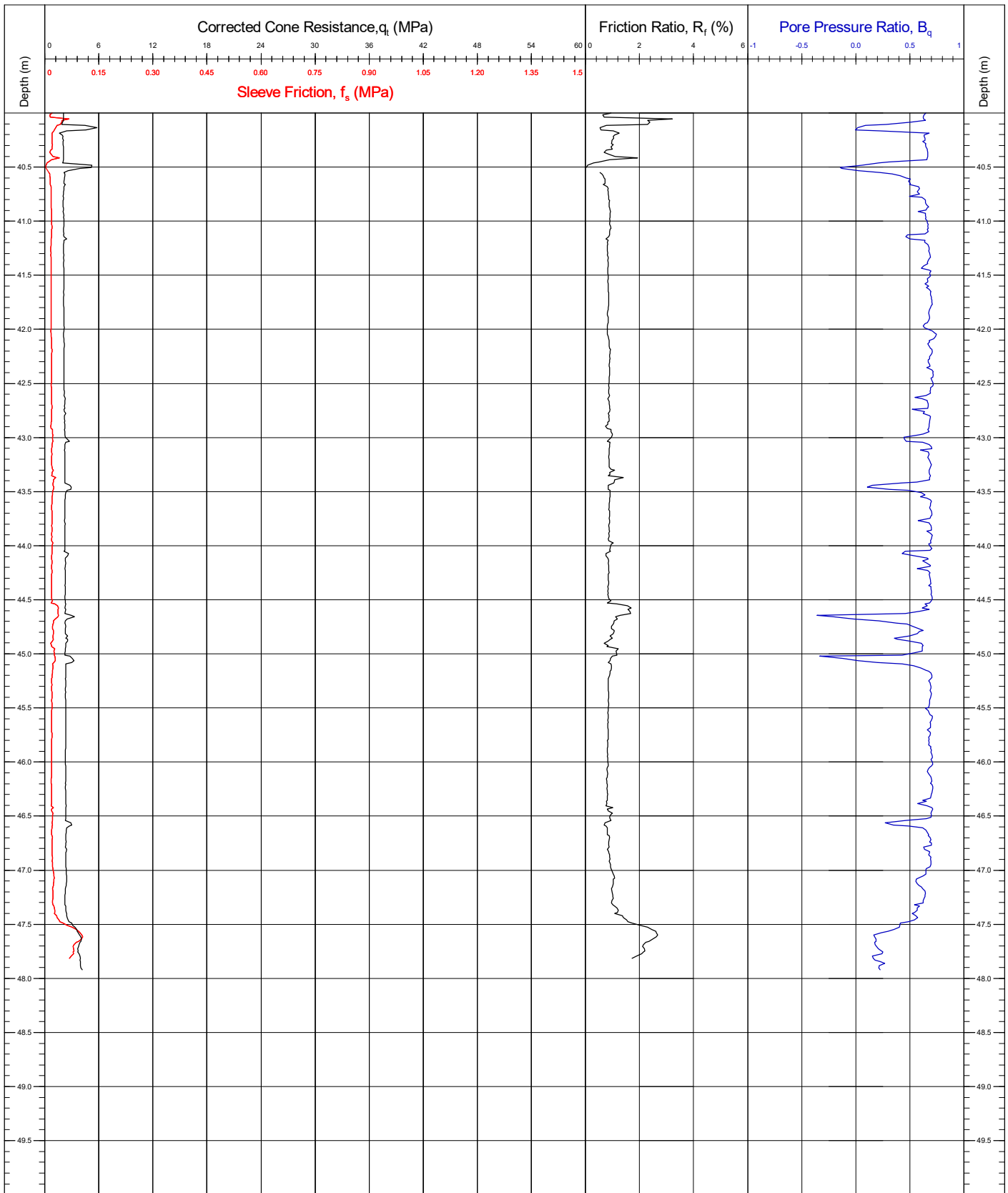


Area	Kattegat Sea	Coordinates	674182.00E 6265896.30N	CPT Number		
Contract	11596	Latitude / Longitude		OSS 1		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60			
Vessel	MV Ocean Vantage	Date of Test	25/04/2021	Page: 4/5		
Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4		Cone No.(size)/ α Factor	100415 (10cm ²) / 0.8	QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

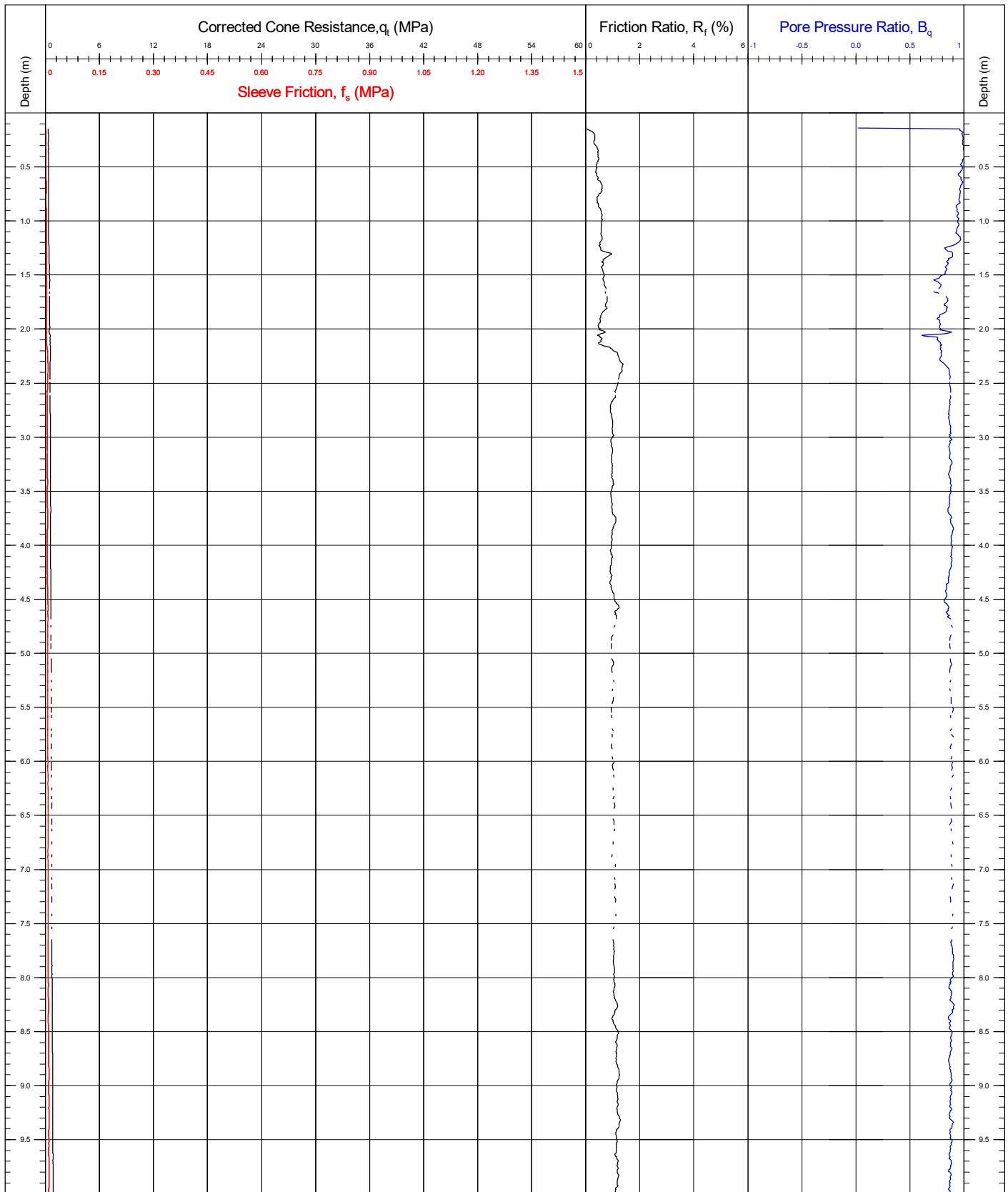


Area	Kattegat Sea	Coordinates	674182.00E	6265896.30N	CPT Number		
Contract	11596	Latitude / Longitude			OSS 1		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.60				
Vessel	MV Ocean Vantage	Date of Test	25/04/2021		Page: 5/5		
Comments: OSS1 was completed to a depth of 47.95m- at which point it was terminated due to loss of communication with the cone. Cone class 4		Cone No.(size)/ α Factor	100415 (10cm ²) / 0.8		QC Status		
		Base Inclination	X = 0.0° / Y = 0.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

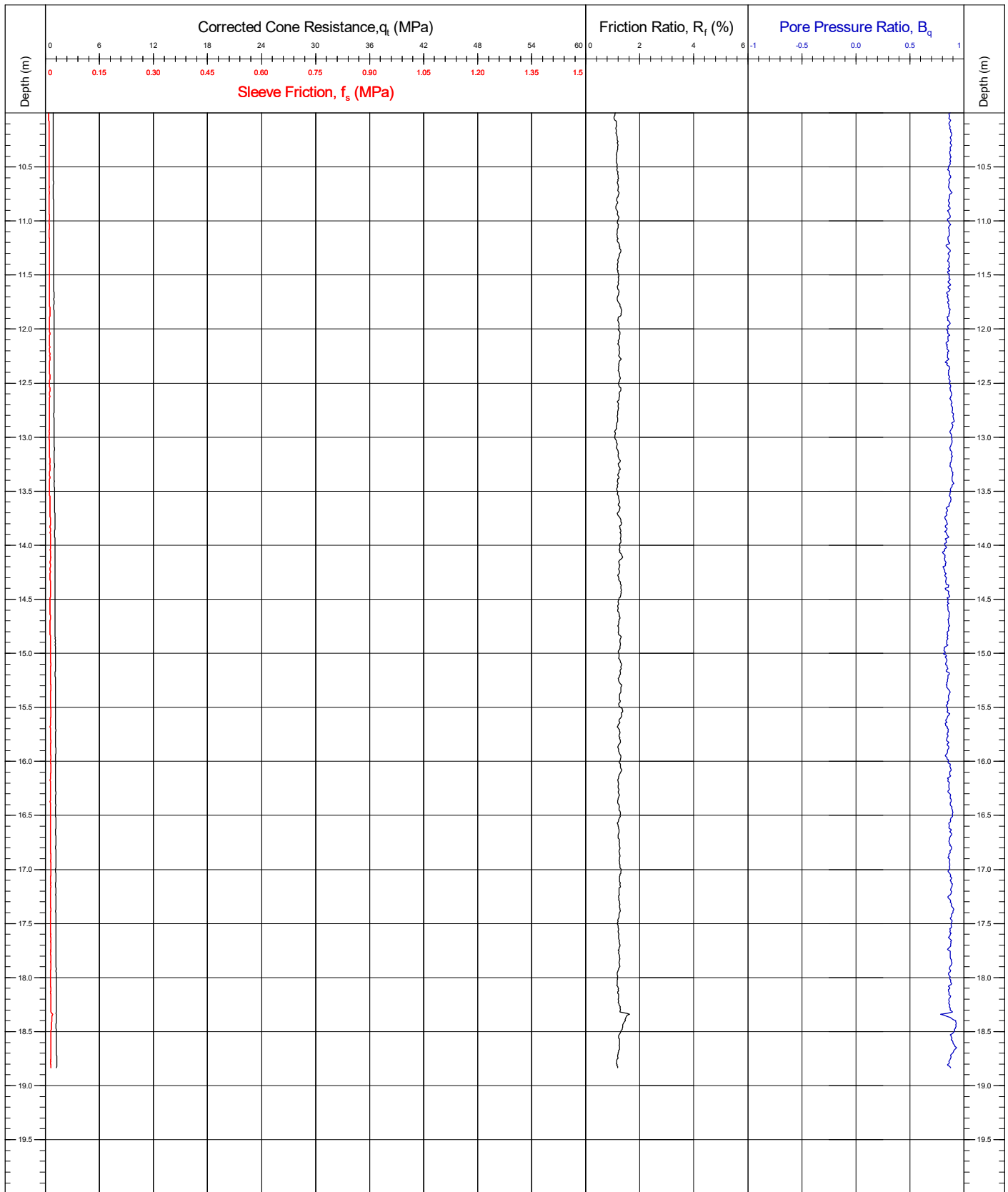


Area	Kattegat Sea	Coordinates	674182.40E	6265890.90N	CPT Number
Contract	11596	Latitude / Longitude			OSS 1a
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.64		Page: 1/2
Vessel	MV Ocean Vantage	Date of Test	25/04/2021		QC Status
Comments: Cone class 1. Test terminated at operators discretion due to increasing cone inclination. Final depth 18.70m					
		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81		Preliminary
		Base Inclination	X = -0.6° / Y = 1.6°		Draft
		CRS	ETRS89		Final
					JK/BC (25/04/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

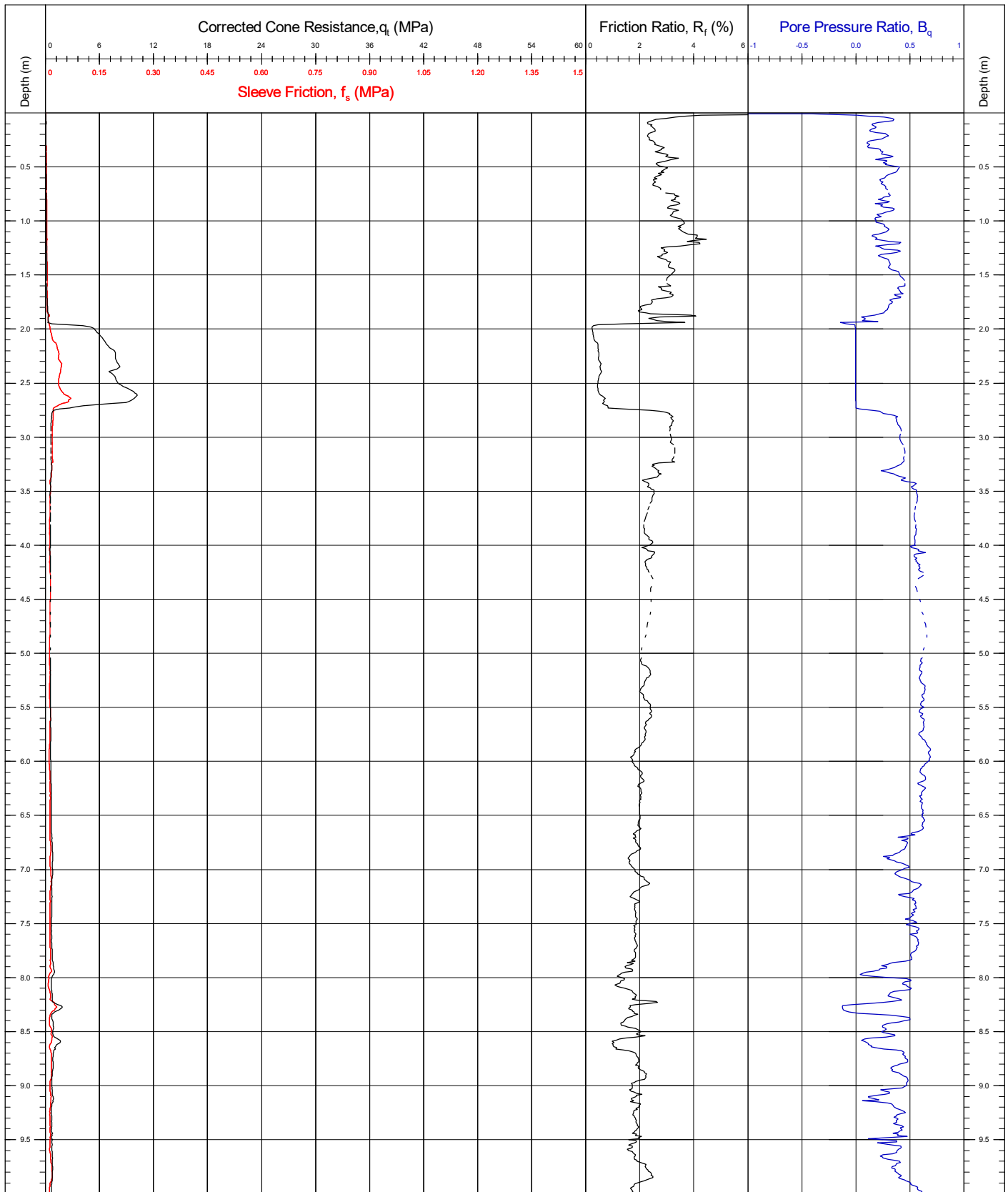


Area	Kattegat Sea	Coordinates	674182.40E	6265890.90N	CPT Number		
Contract	11596	Latitude / Longitude			OSS 1a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.64				
Vessel	MV Ocean Vantage	Date of Test	25/04/2021		Page: 2/2		
		Cone No.(size)/ α Factor	120910 (10cm ²) / 0.81		QC Status		
		Base Inclination	X = -0.6° / Y = 1.6°		Preliminary	Draft	Final
Comments: Cone class 1. Test terminated at operators discretion due to increasing cone inclination. Final depth 18.70m		CRS	ETRS89		JK/BC (25/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

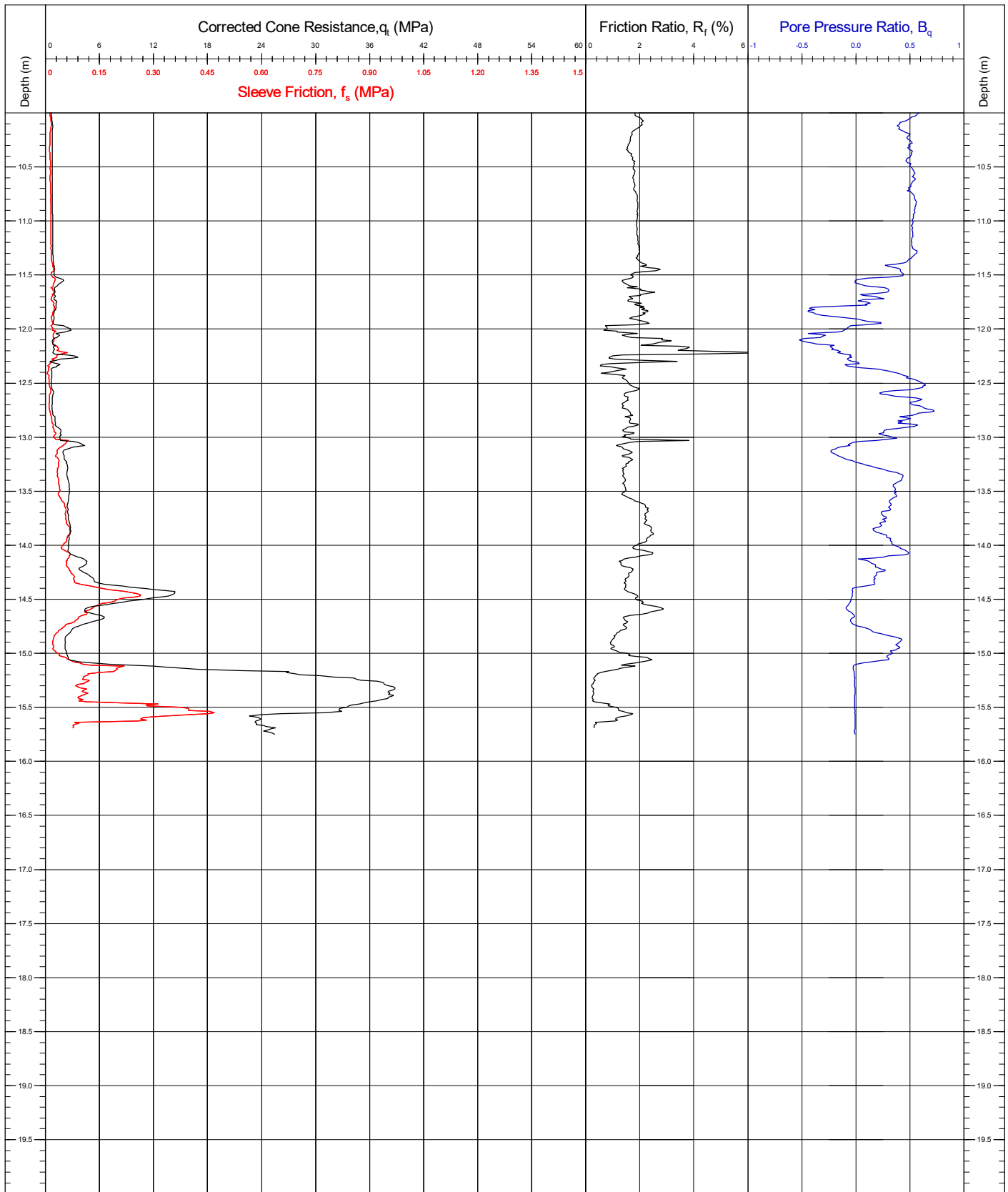


Area	Kattegat Sea	Coordinates	674909.60E	6253669.90N	CPT Number
Contract	11596	Latitude / Longitude			OSS 2
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96		Page: 1/2
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 15.84m. Test terminated at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands		Cone No.(size)/α Factor	081208 (10cm ²) / 0.78		Preliminary
		Base Inclination	X = 1.0° / Y = 1.0°		Draft
		CRS	ETRS89		Final
			JK/BC (27/04/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

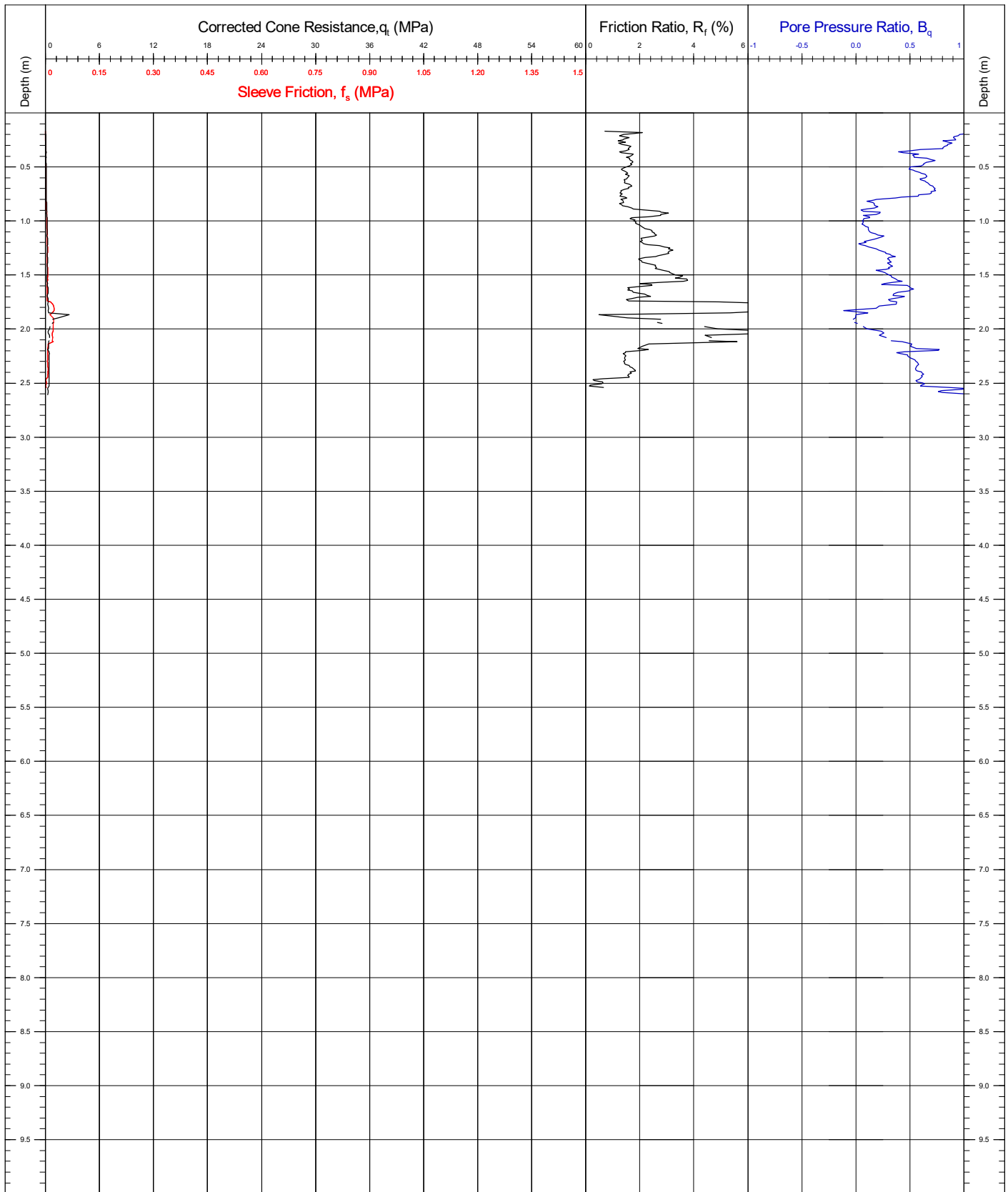


Area	Kattegat Sea	Coordinates	674909.60E	6253669.90N	CPT Number
Contract	11596	Latitude / Longitude			OSS 2
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	29.96		Page: 2/2
Vessel	MV Ocean Vantage	Date of Test	27/04/2021		QC Status
Comments: Cone class 1. Continuous seabed CPT. Final depth 15.84m. Test terminated at operators discretion due to a lack of lateral rod support from mudline- resulting in a high risk of buckling rods when encountering very dense sands		Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78		Preliminary
		Base Inclination	X = 1.0° / Y = 1.0°		Draft
		CRS	ETRS89		Final
					JK/BC (27/04/2021)
					DR (10/06/2021)
					SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

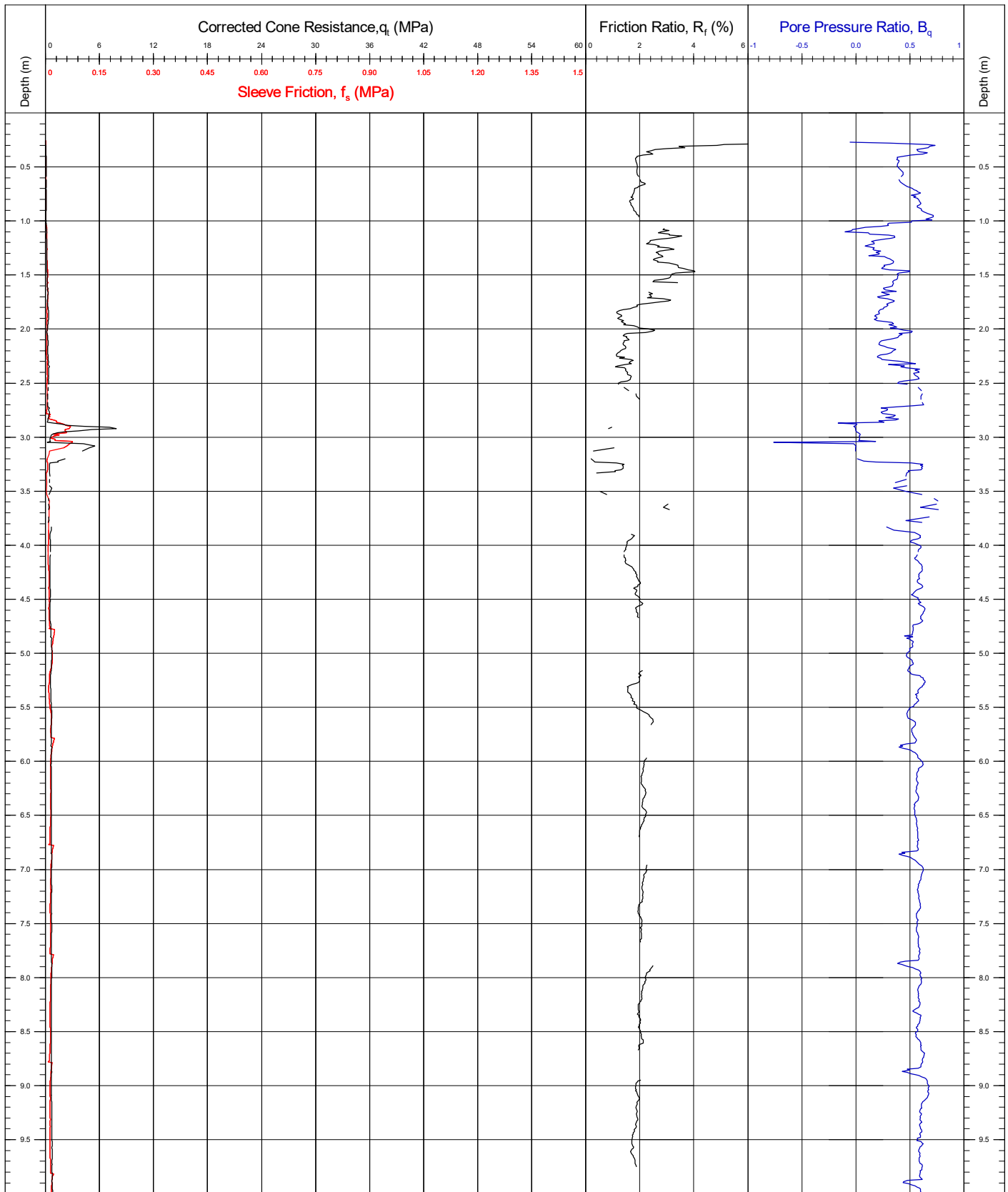


Area	Kattegat Sea	Coordinates	681923.10E 6249312.90N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT1	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.22	Page: 1/1	
Vessel	MV Ocean Vantage	Date of Test	28/04/2021	QC Status	
Comments: Cone Class 1. Continuous Seismic CPT. Final depth 2.64m. Test was terminated due to seismic source communication issue.		Cone No.(size)/ α Factor	130104 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC DR SMC	
		CRS	ETRS89	(28/04/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

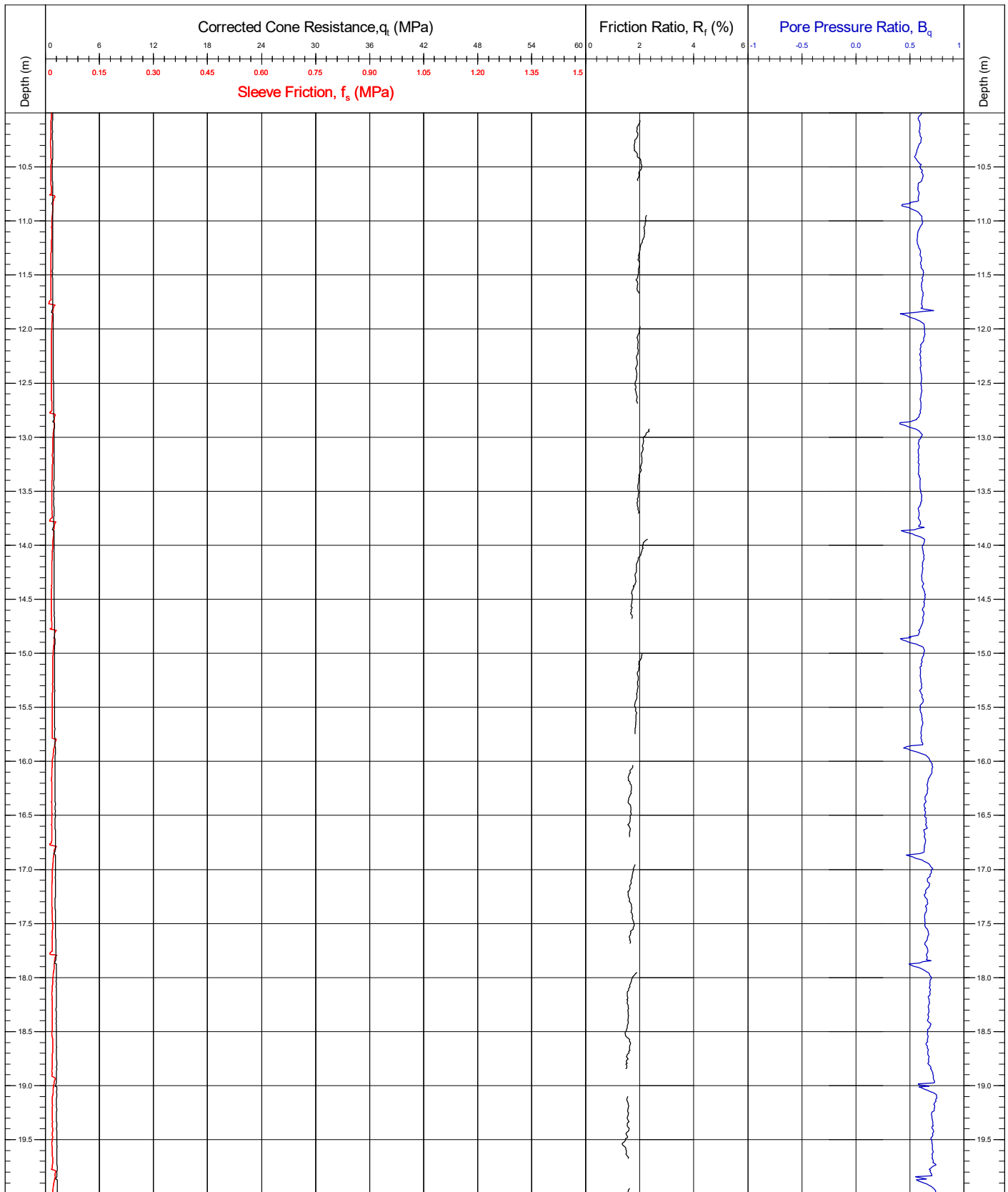


Area	Kattegat Sea	Coordinates	681923.40E 6249306.60N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT1a	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.71	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test	05/05/2021	QC Status	
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC DR SMC	
		CRS	ETRS89	(06/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

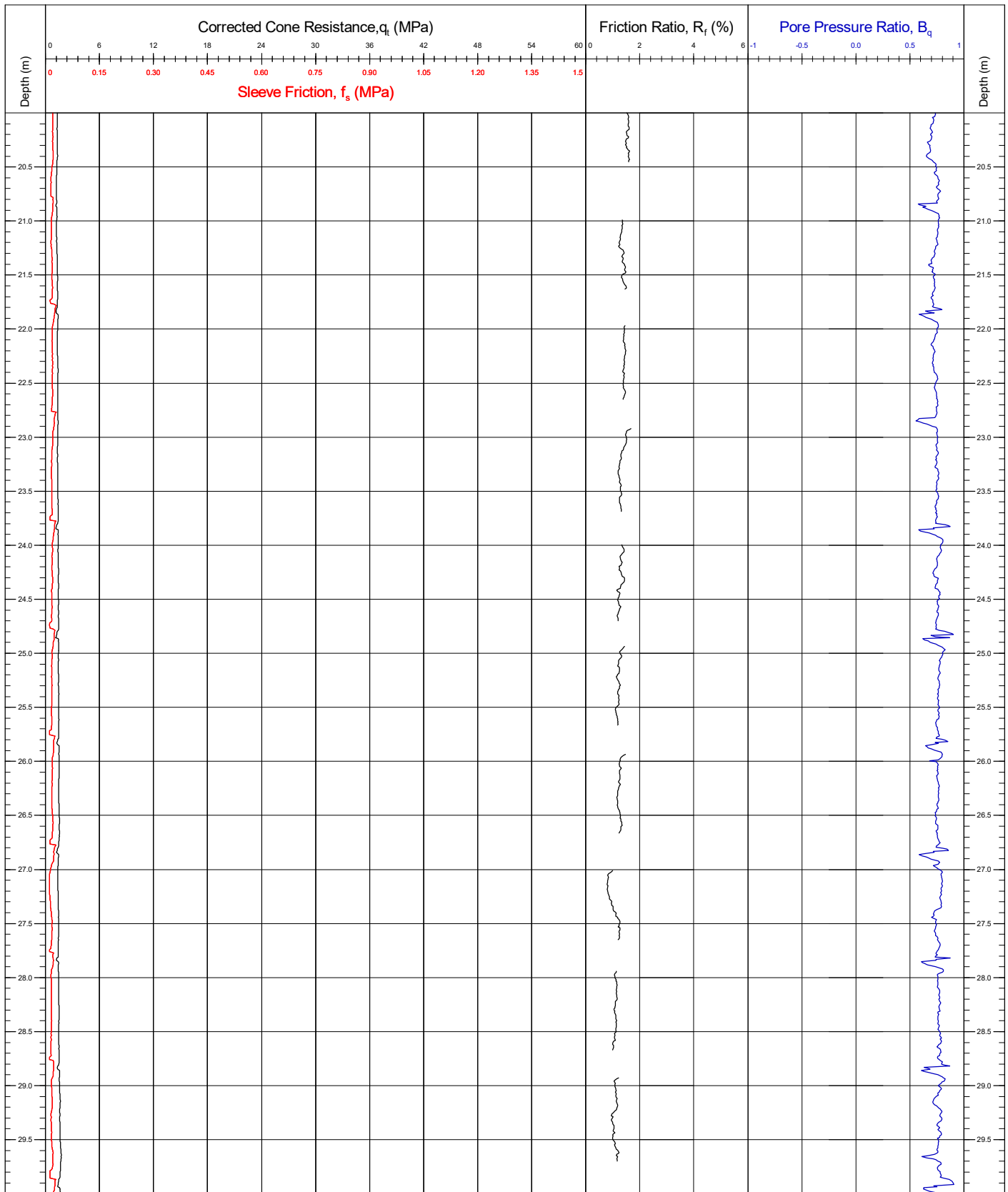


Area	Kattegat Sea	Coordinates	681923.40E	6249306.60N	CPT Number		
Contract	11596	Latitude / Longitude			SCPT1a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.71				
Vessel	MV Ocean Vantage	Date of Test	05/05/2021		Page: 2/4		
<small>Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77		QC Status		
		Base Inclination	X = 1.1° / Y = 1.0°		Preliminary	Draft	Final
		CRS	ETRS89		JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

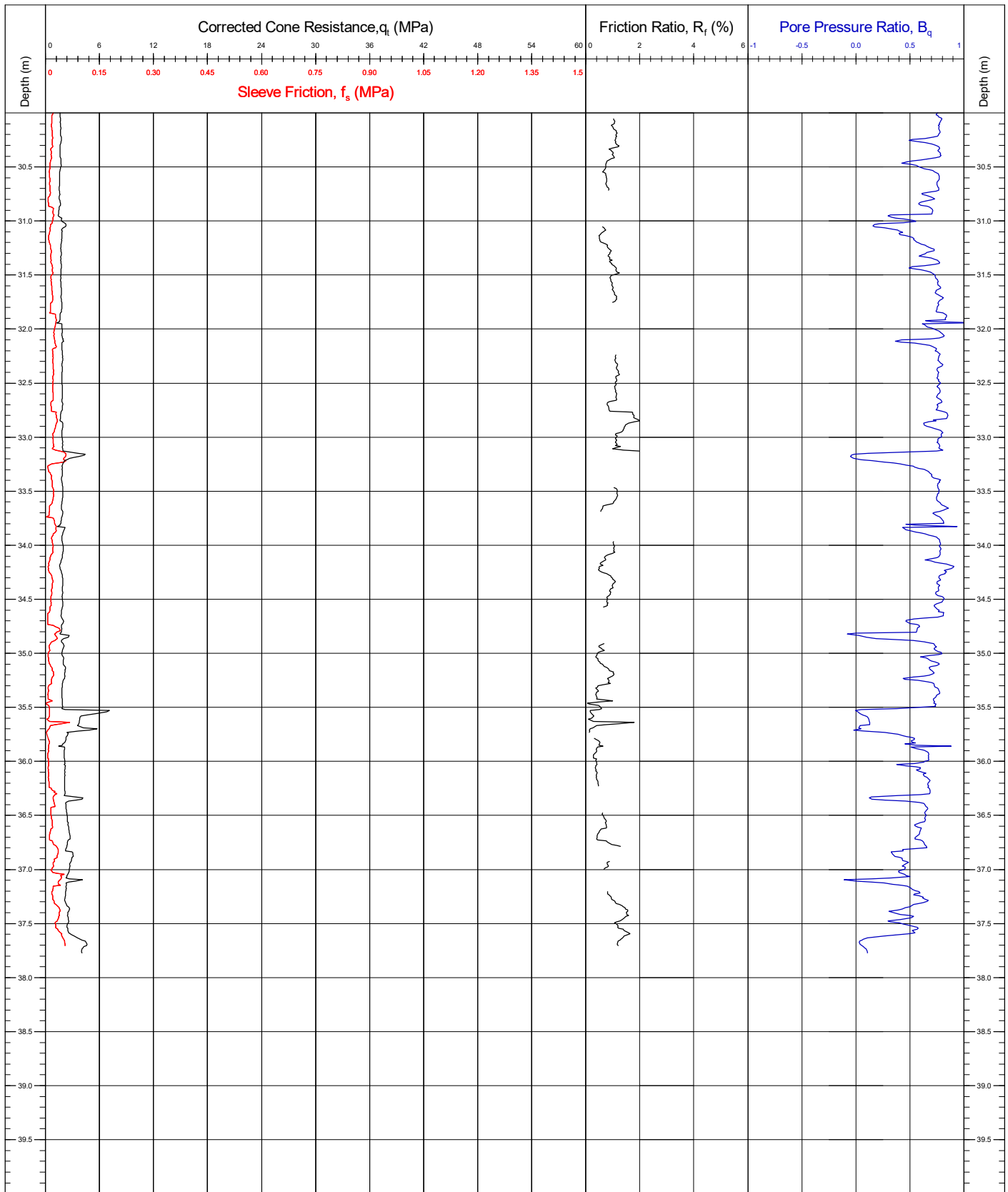


Area	Kattegat Sea	Coordinates	681923.40E 6249306.60N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT1a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.71	Page: 3/4		
Vessel	MV Ocean Vantage	Date of Test	05/05/2021	QC Status		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support				QC Status		
		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary	Draft	Final
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

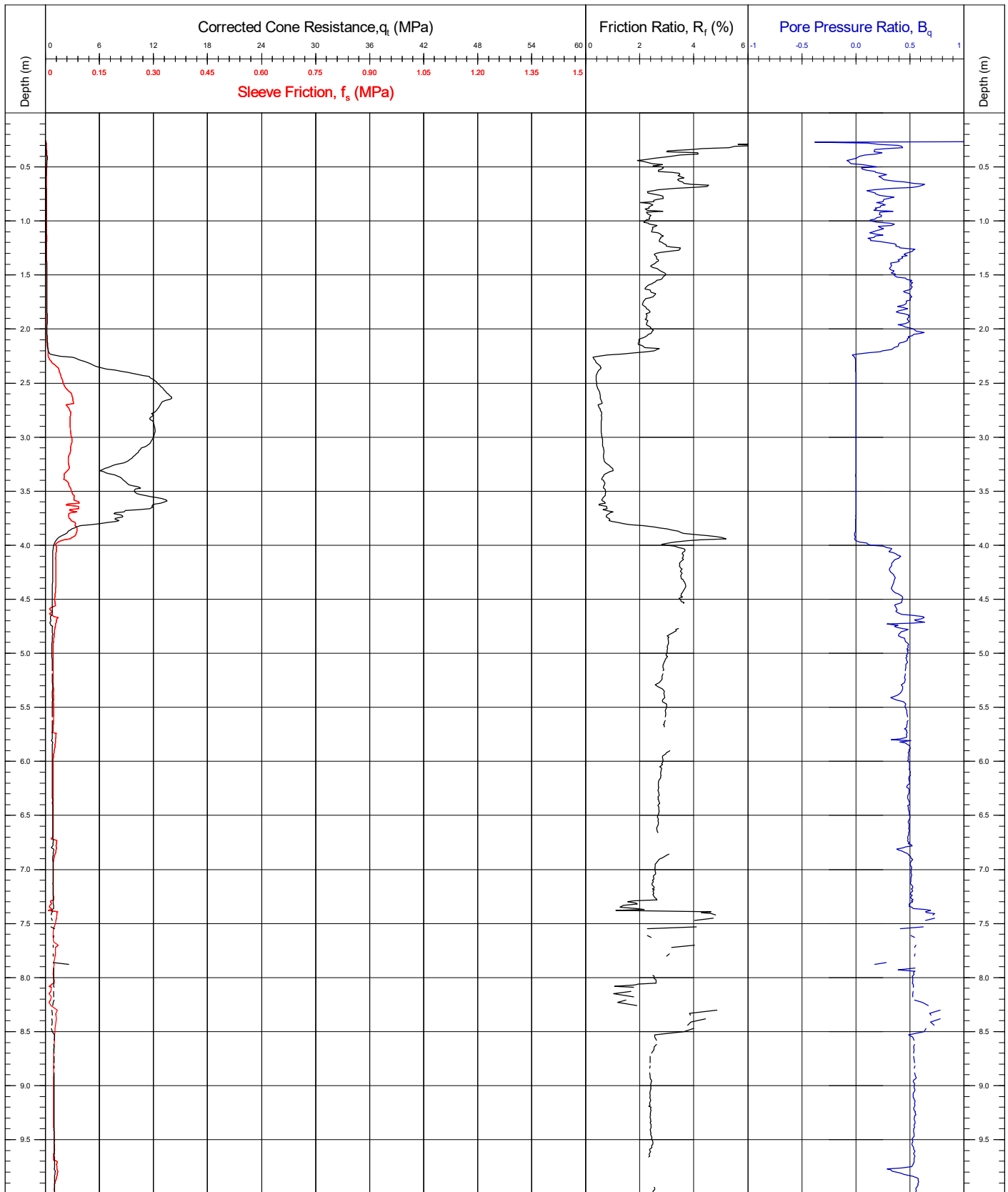


Area	Kattegat Sea	Coordinates	681923.40E 6249306.60N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT1a		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.71			
Vessel	MV Ocean Vantage	Date of Test	05/05/2021	Page: 4/4		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support				QC Status		
				Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary
				JK/BC	DR	SMc
CRS ETRS89				(06/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

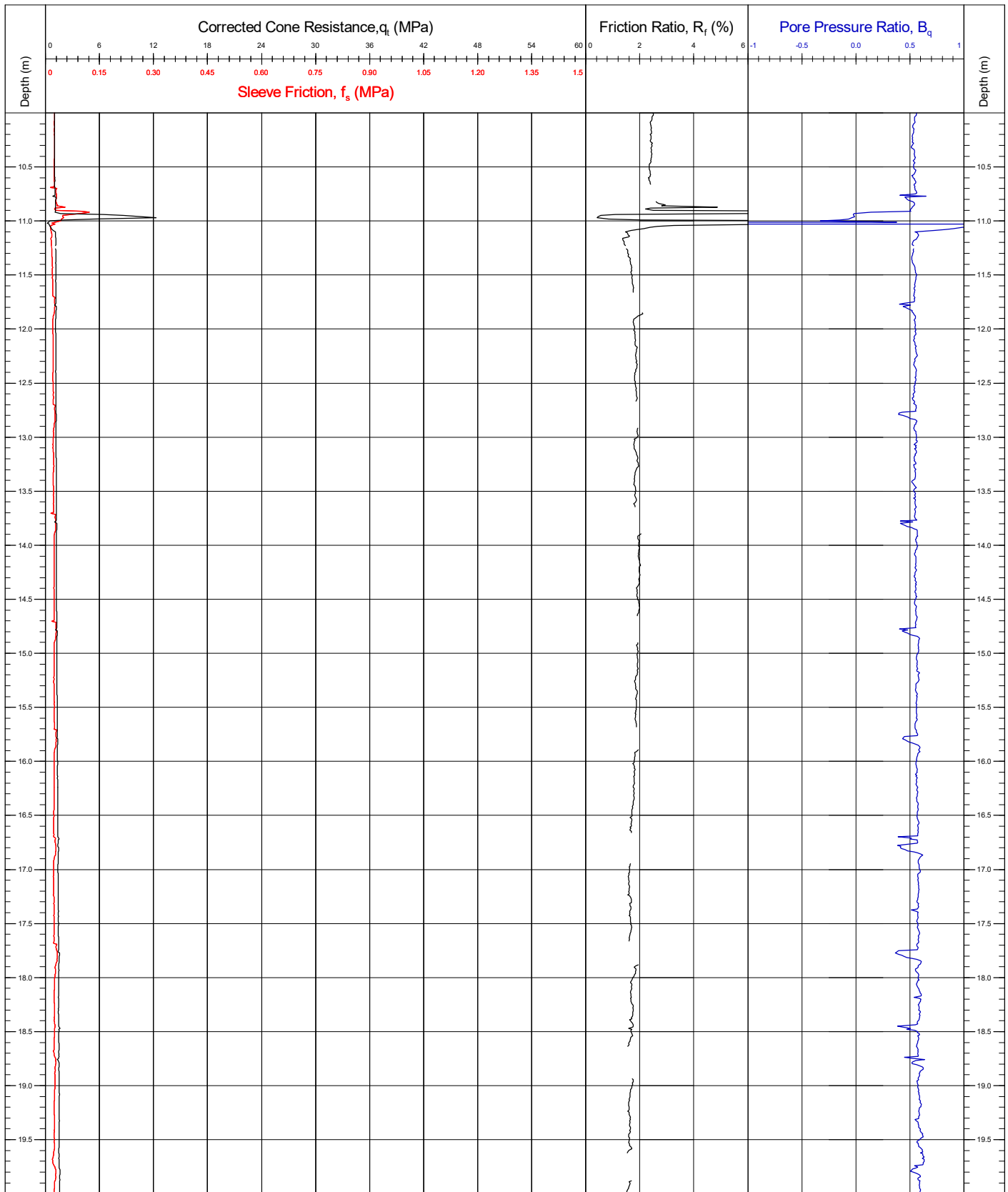


Area	Kattegat Sea	Coordinates	673302.00E 6252306.80N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT2		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.80			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	04/05/2021 to 05/05/2021	Page: 1/3		
<small>Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 28.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.</small>		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	QC Status		
		Base Inclination	X = 1.2° / Y = 0.7°	Preliminary	Draft	Final
CRS ETRS89				JK/BC <small>(04/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

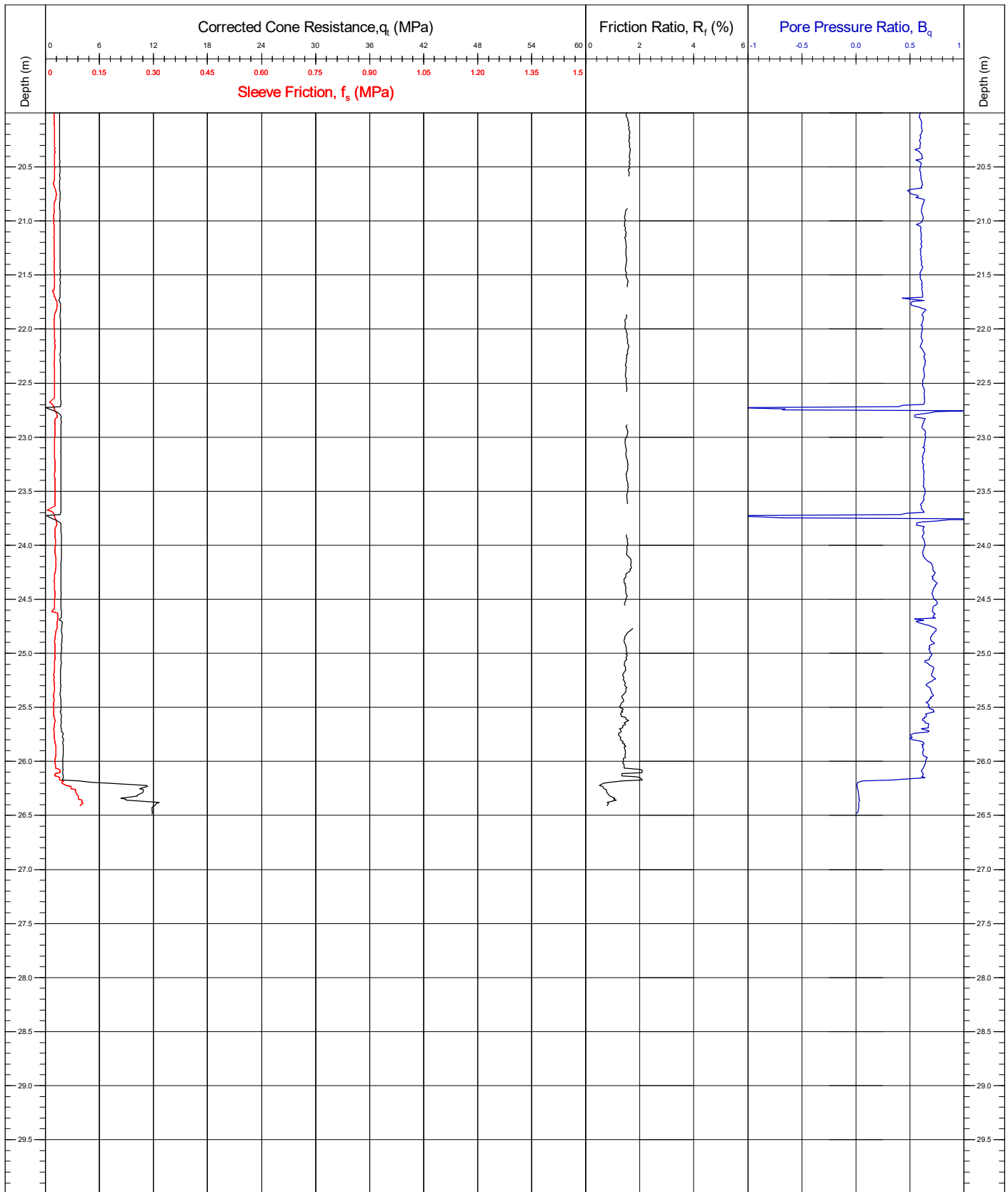


Area	Kattegat Sea	Coordinates	673302.00E 6252306.80N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT2	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.80	Page: 2/3	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	04/05/2021 to 05/05/2021	QC Status	
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 28.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.		Cone No.(size)/α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.7°	JK/BC	DR
		CRS	ETRS89	(04/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

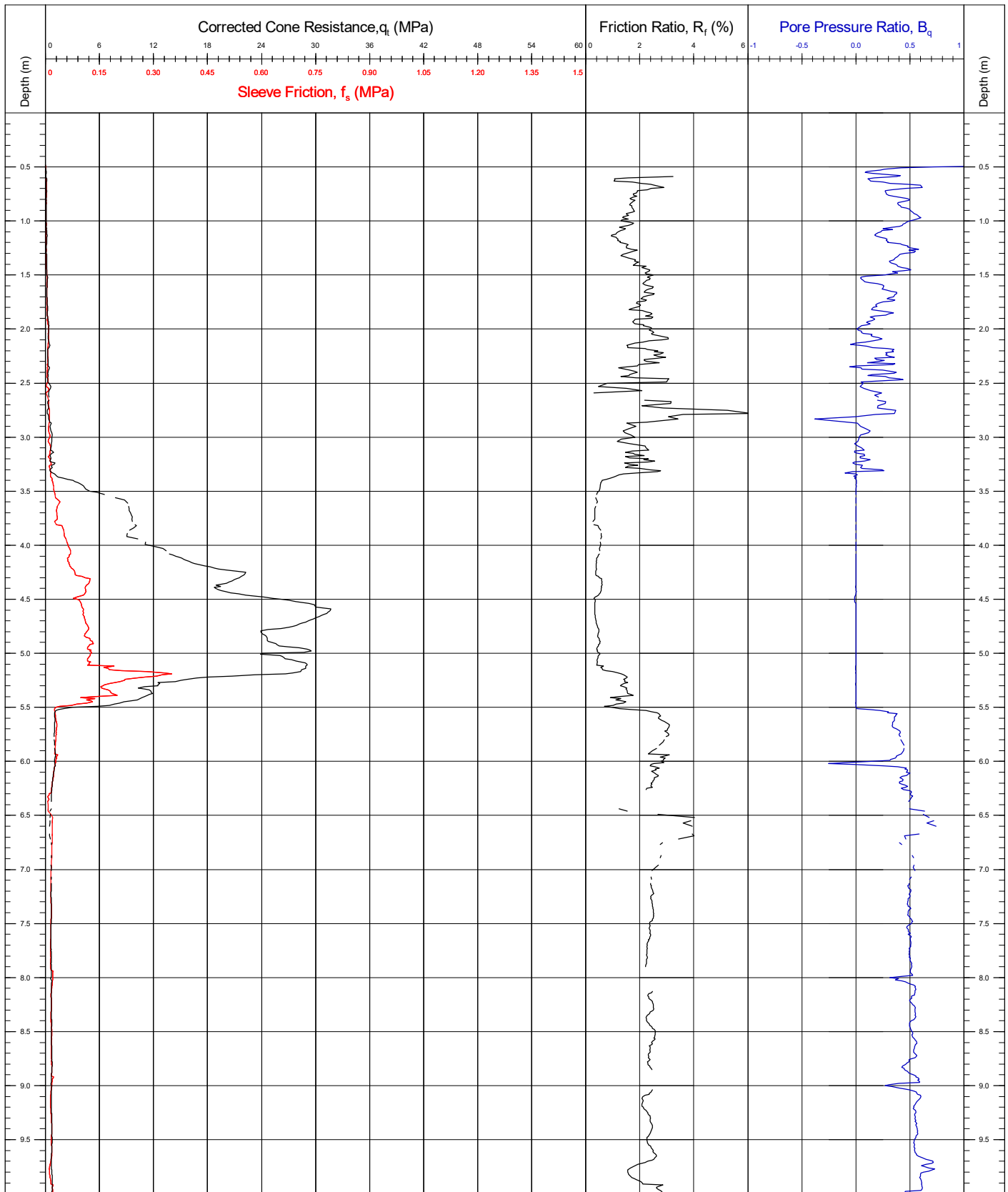


Area	Kattegat Sea	Coordinates	673302.00E 6252306.80N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT2		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	28.80			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	04/05/2021 to 05/05/2021	Page: 3/3		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 28.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	QC Status		
		Base Inclination	X = 1.2° / Y = 0.7°	Preliminary	Draft	Final
CRS ETRS89				JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

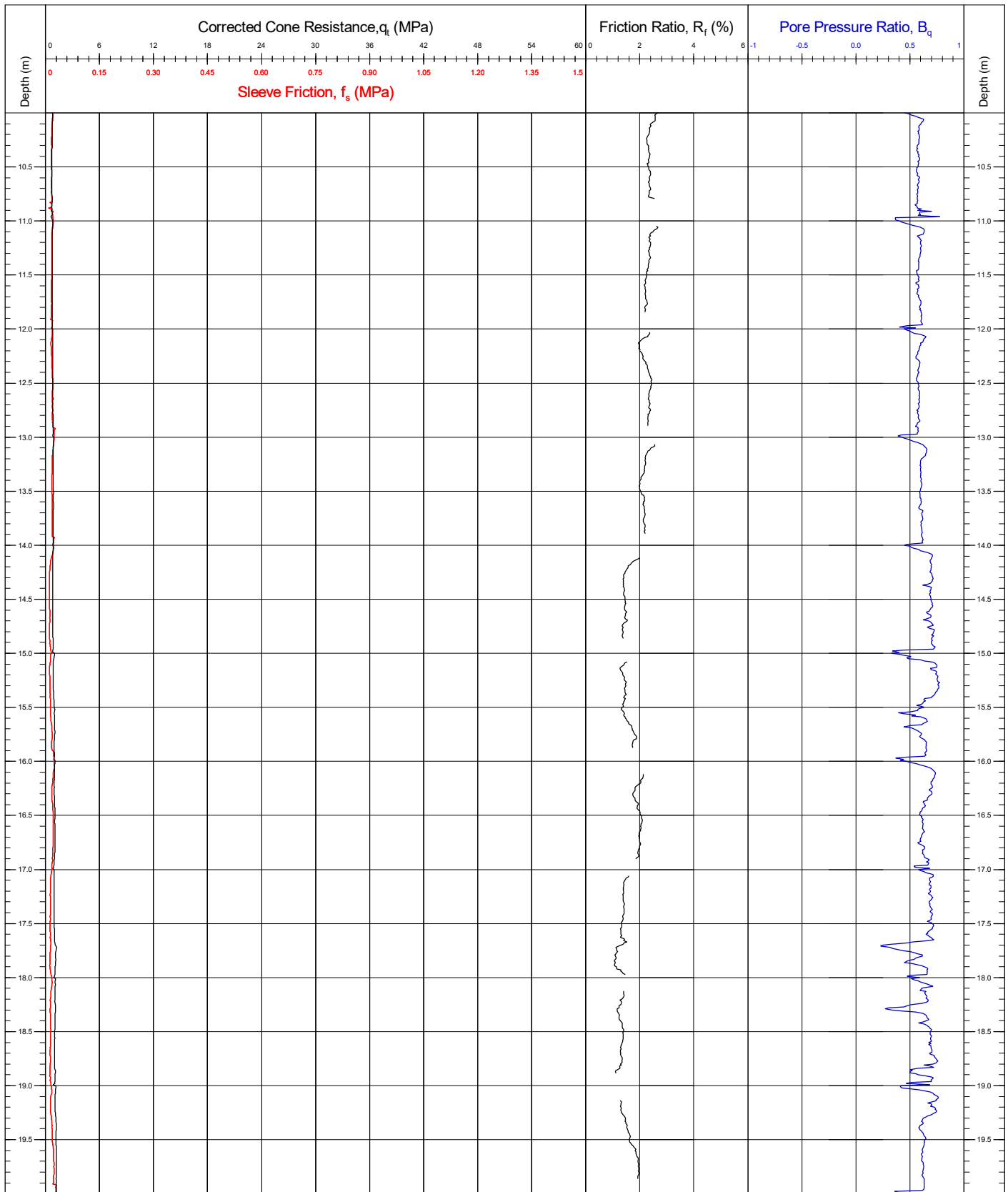


Area	Kattegat Sea	Coordinates	665881.40E 6256363.10N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT5	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.69	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	06/05/2021 to 07/05/2021	QC Status	
<small>Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 23.74m. Test terminated at operators discretion due to increasing total load and a lack of lateral rod support from mudline</small>		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC <small>(07/05/2021)</small>	DR <small>(10/06/2021)</small>
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

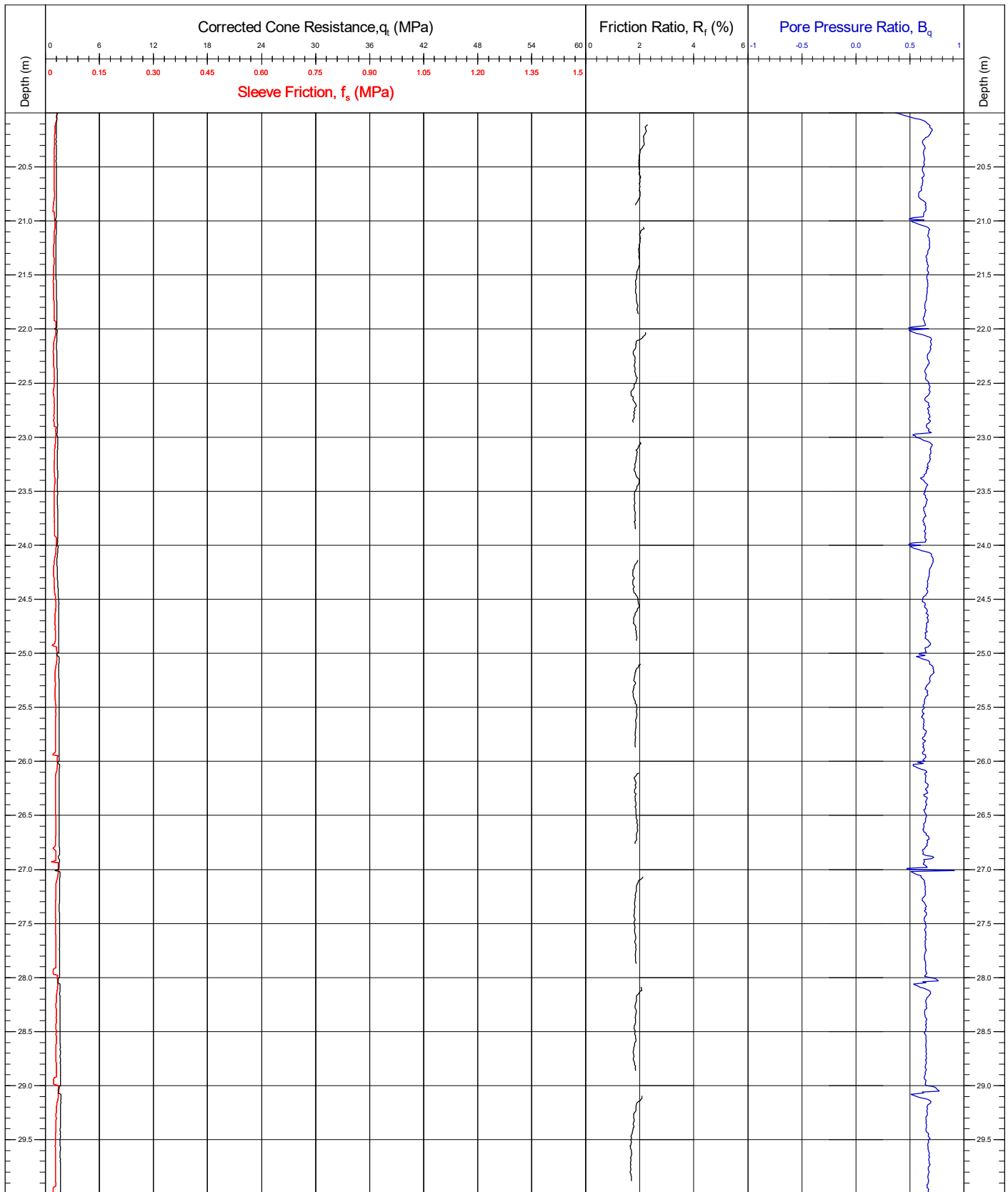


Area	Kattegat Sea	Coordinates	665881.40E 6256363.10N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT5	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.69	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	06/05/2021 to 07/05/2021	QC Status	
<small>Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 23.74m. Test terminated at operators discretion due to increasing total load and a lack of lateral rod support from mudline</small>		Cone No.(size)/α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC (07/05/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

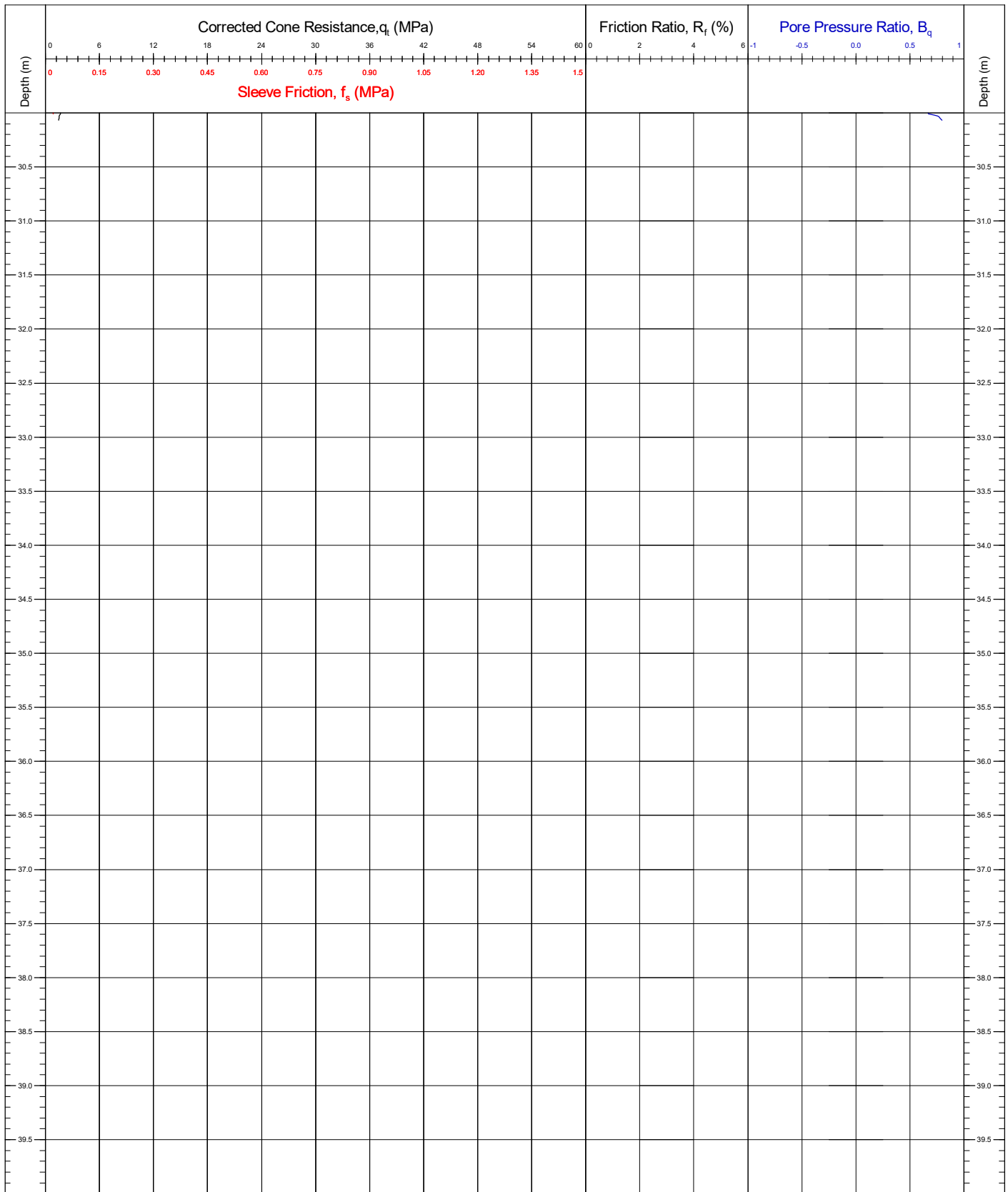


Area	Kattegat Sea	Coordinates	665881.40E 6256363.10N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT5	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.69	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	06/05/2021 to 07/05/2021	QC Status	
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due to increasing total load and a lack of lateral rod support from mudline		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC (07/05/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

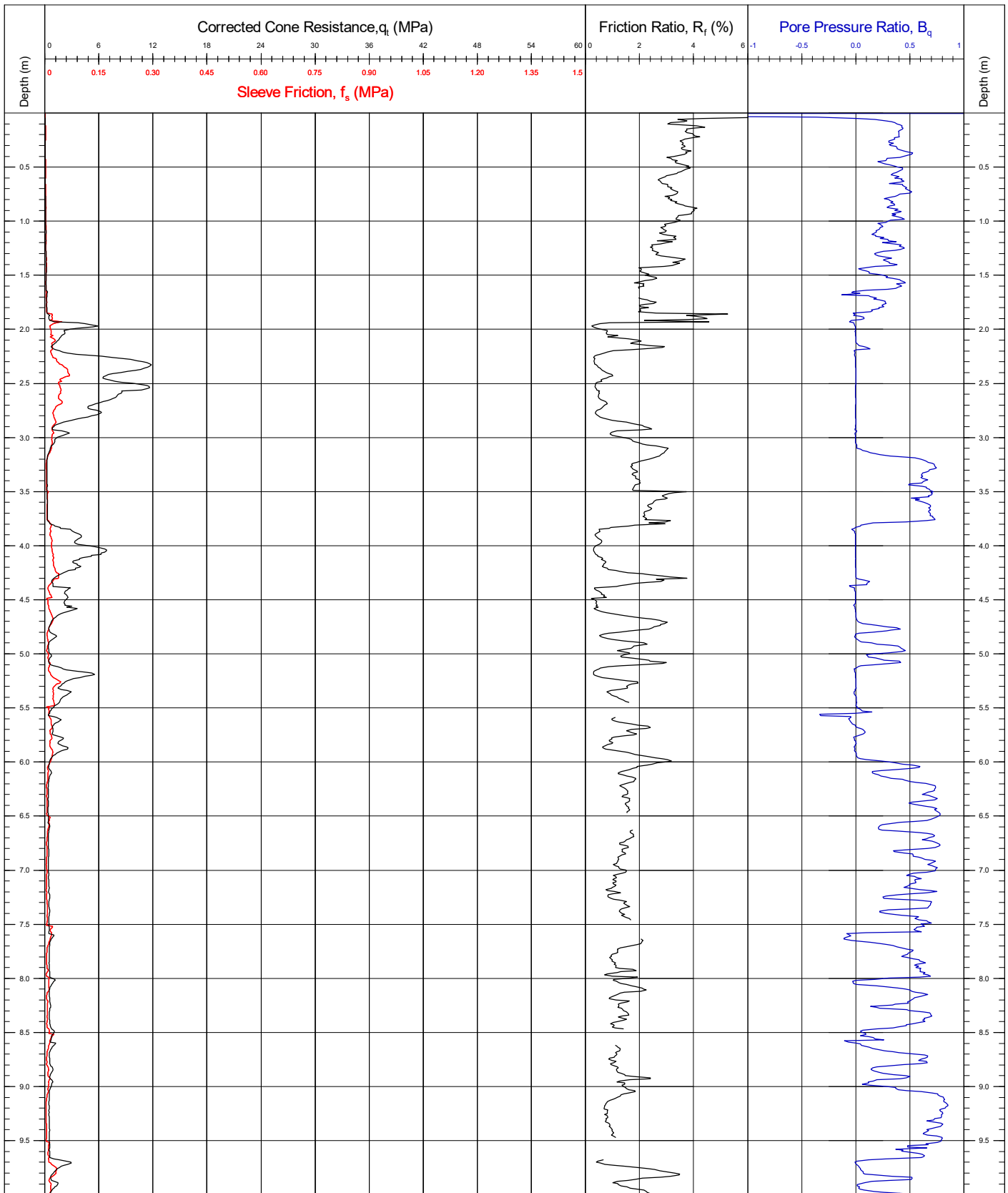
IN SITU CPTU TESTING - DERIVED PARAMETERS



Area	Kattegat Sea	Coordinates	665881.40E 6256363.10N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT5	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	27.69	Page: 4/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	06/05/2021 to 07/05/2021	QC Status	
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due to increasing total load and a lack of lateral rod support from mudline		Cone No.(size)/ α Factor	191114 (10cm ²) / 0.76	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(07/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF
IN SITU CPTU TESTING - DERIVED PARAMETERS

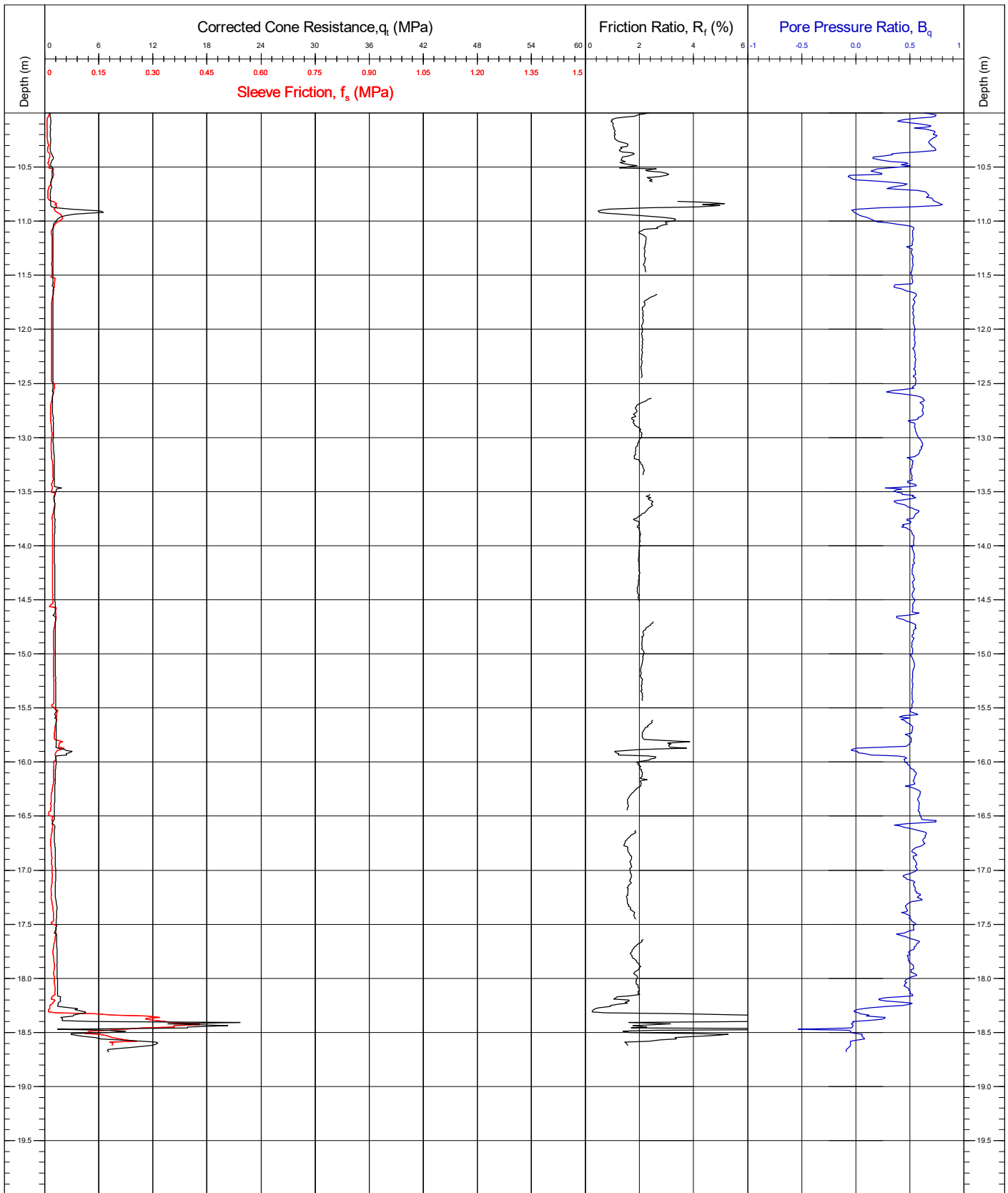


Area	Kattegat Sea	Coordinates	675126.20E 6262391.10N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT17		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.81			
Vessel	MV Ocean Vantage	Date of Test	07/05/2021	Page: 1/2		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre				QC Status		
				Cone No.(size)/ α Factor	081208 (10cm ²) / 0.78	
Base Inclination				X = 1.1° / Y = 1.0°		
CRS ETRS89				Preliminary	Draft	Final
				JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

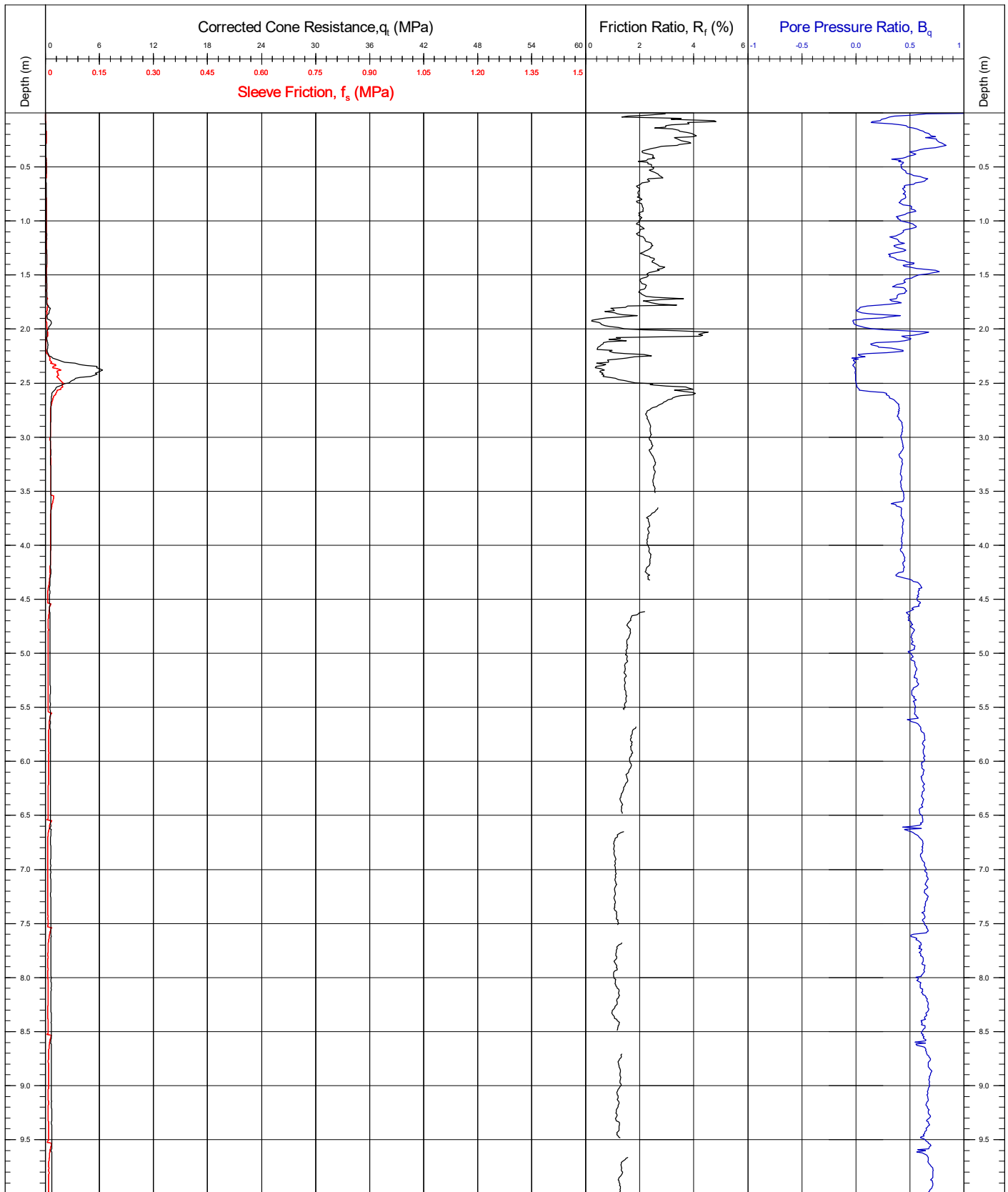


Area	Kattegat Sea	Coordinates	675126.20E 6262391.10N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT17		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.81	Page: 2/2		
Vessel	MV Ocean Vantage	Date of Test	07/05/2021	QC Status		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre		Cone No.(size)/α Factor	081208 (10cm ²) / 0.78	Preliminary Draft Final		
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR	SMc
		CRS	ETRS89	(07/05/2021)	(10/06/2021)	(10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

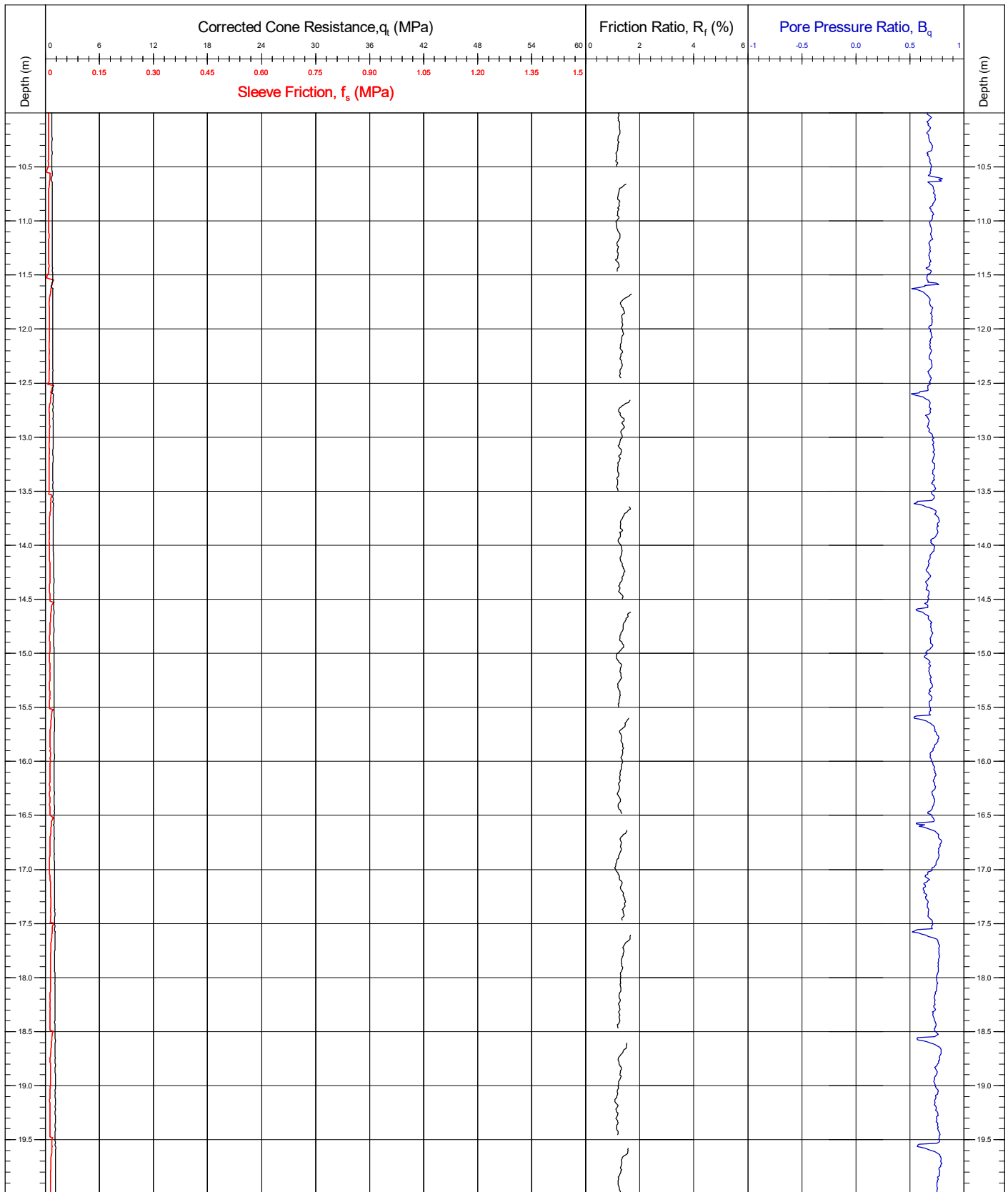


Area	Kattegat Sea	Coordinates	670633.30E 6266454.10N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT19	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.84	Page: 1/3	
Vessel	MV Ocean Vantage	Date of Test	07/05/2021	QC Status	
Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC DR SMC	
		CRS	ETRS89	(07/05/2021) (10/06/2021) (10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

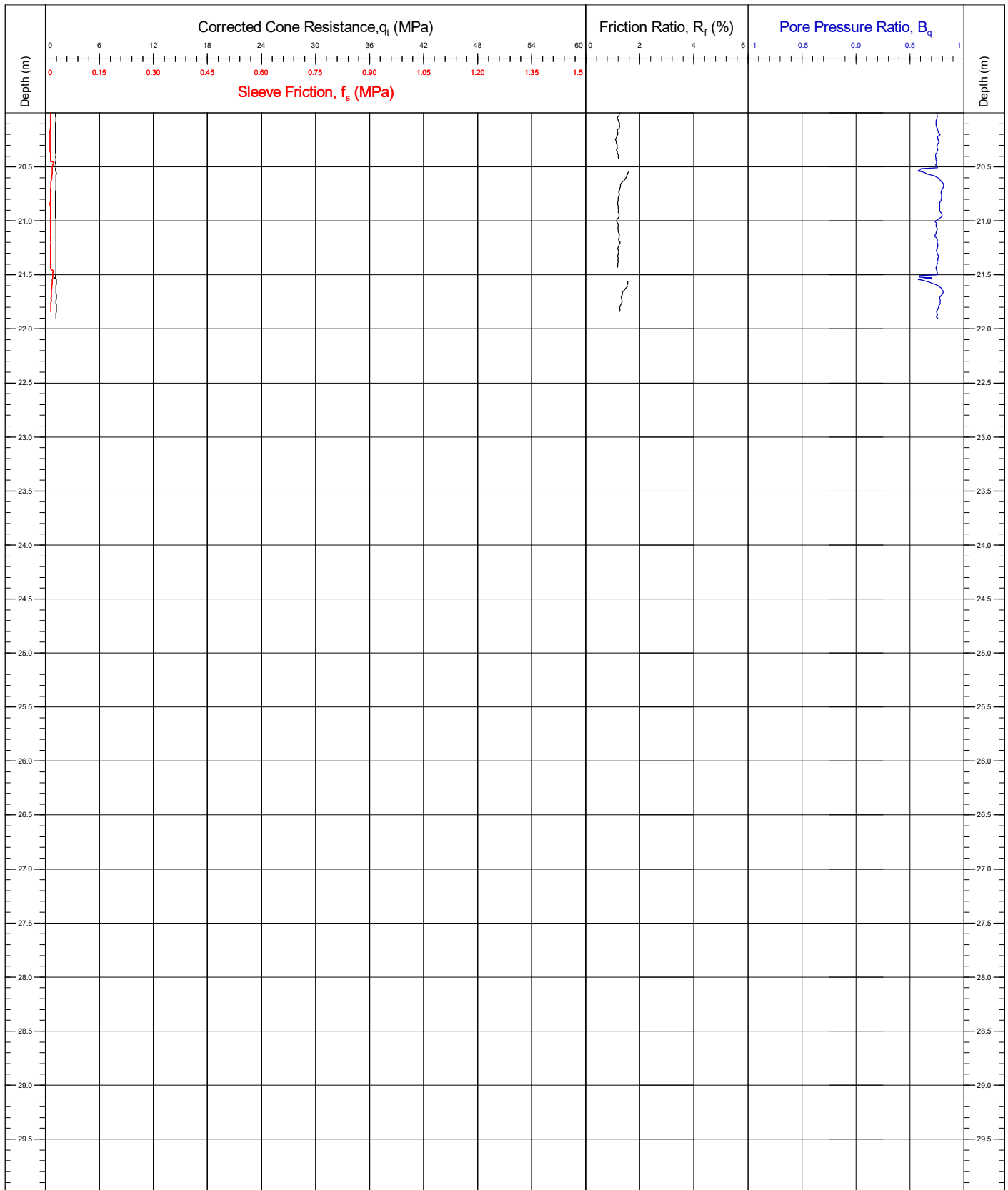


Area	Kattegat Sea	Coordinates	670633.30E 6266454.10N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT19		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.84			
Vessel	MV Ocean Vantage	Date of Test	07/05/2021	Page: 2/3		
<small>Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached</small>				QC Status		
				Cone No.(size)/ α Factor 130909 (10cm²) / 0.82		
		Base Inclination	X = 1.1° / Y = 0.9°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC <small>(07/05/2021)</small>	DR <small>(10/06/2021)</small>	SMc <small>(10/11/2021)</small>



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

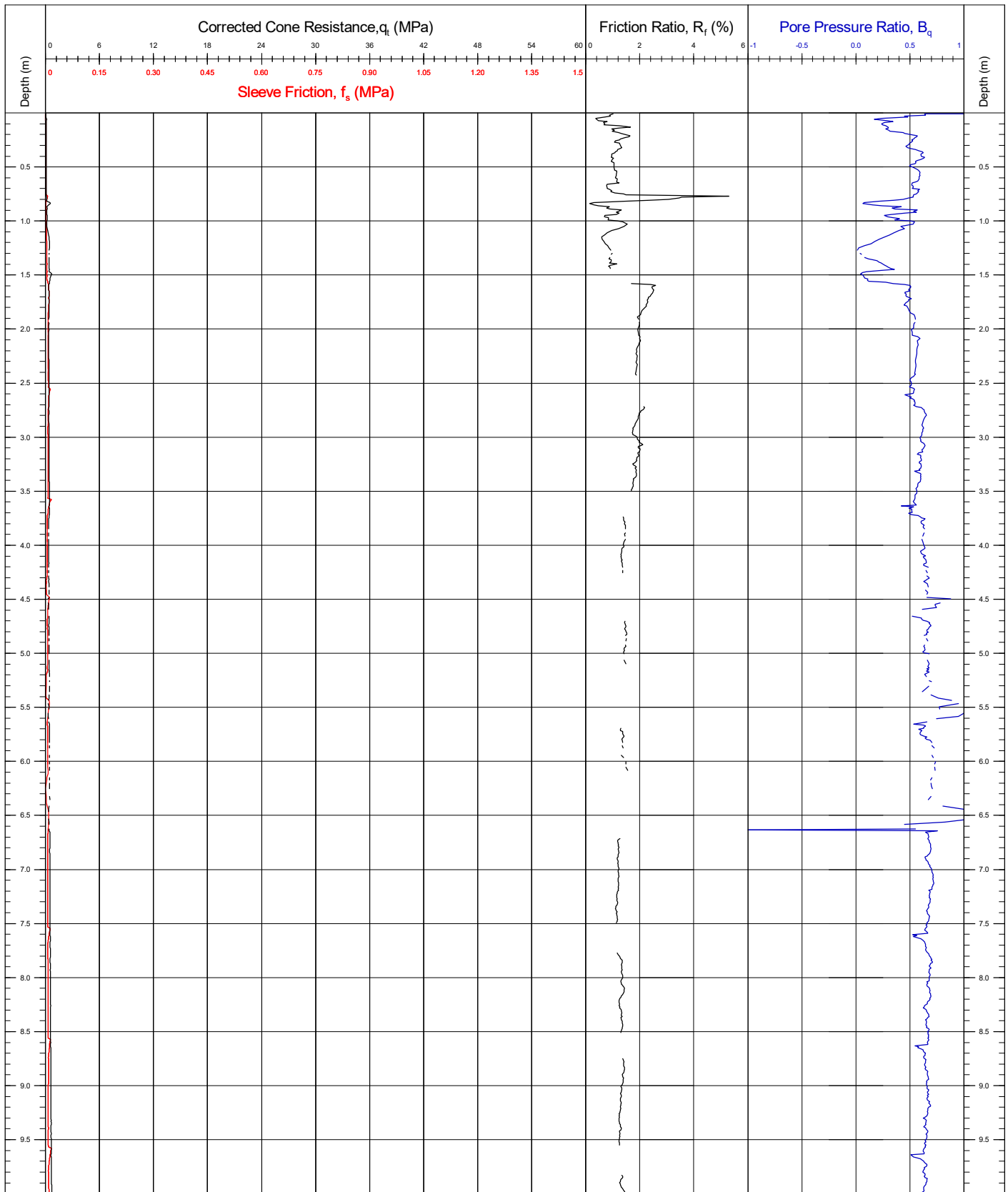


Area	Kattegat Sea	Coordinates	670633.30E 6266454.10N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT19		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	30.84	Page: 3/3		
Vessel	MV Ocean Vantage	Date of Test	07/05/2021	QC Status		
Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached				QC Status		
		Cone No.(size)/ α Factor	130909 (10cm ²) / 0.82	Preliminary	Draft	Final
		Base Inclination	X = 1.1° / Y = 0.9°	JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

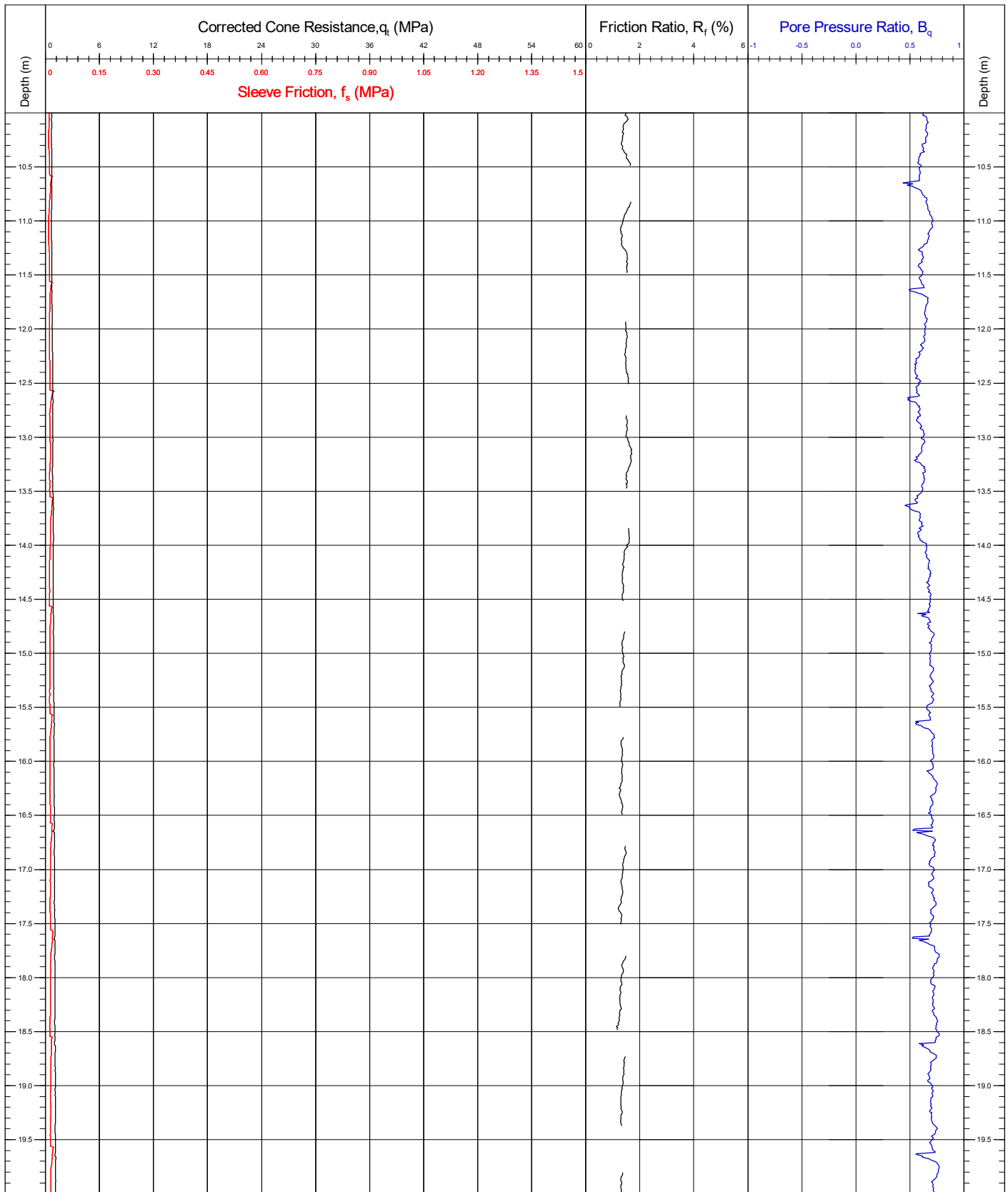


Area	Kattegat Sea	Coordinates	677715.30E 6266260.70N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT21	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.48	Page: 1/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/05/2021 to 04/05/2021	QC Status	
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.				QC Status	
		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	Preliminary	Draft
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC	DR
		CRS	ETRS89	(04/05/2021)	(10/06/2021)
				Final	SMc
				(10/11/2021)	



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

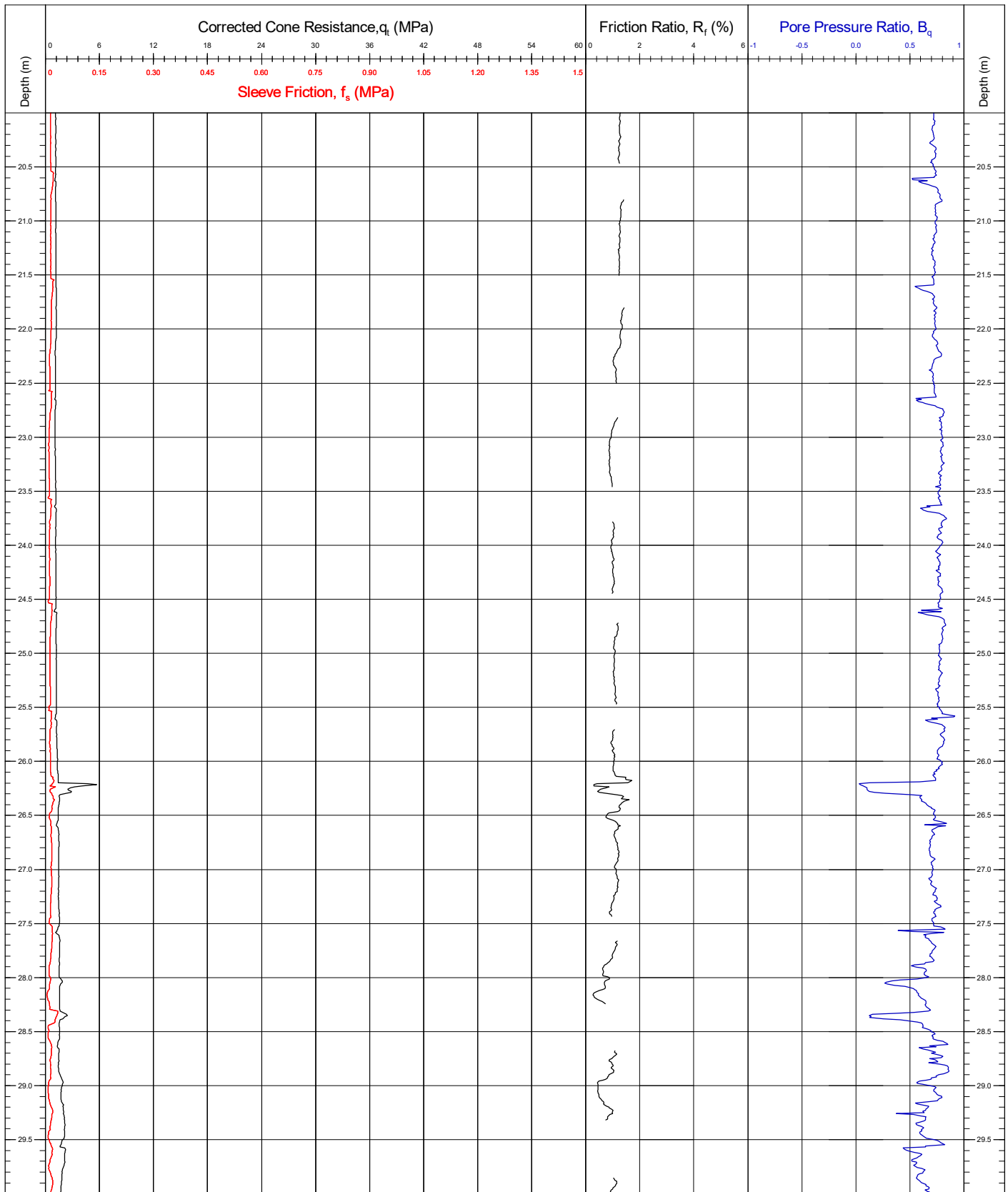


Area	Kattegat Sea	Coordinates	677715.30E 6266260.70N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT21		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.48	Page: 2/4		
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/05/2021 to 04/05/2021	QC Status		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.				QC Status		
		Cone No.(size)/ α Factor	120829 (10cm ²) / 0.8	Preliminary	Draft	Final
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

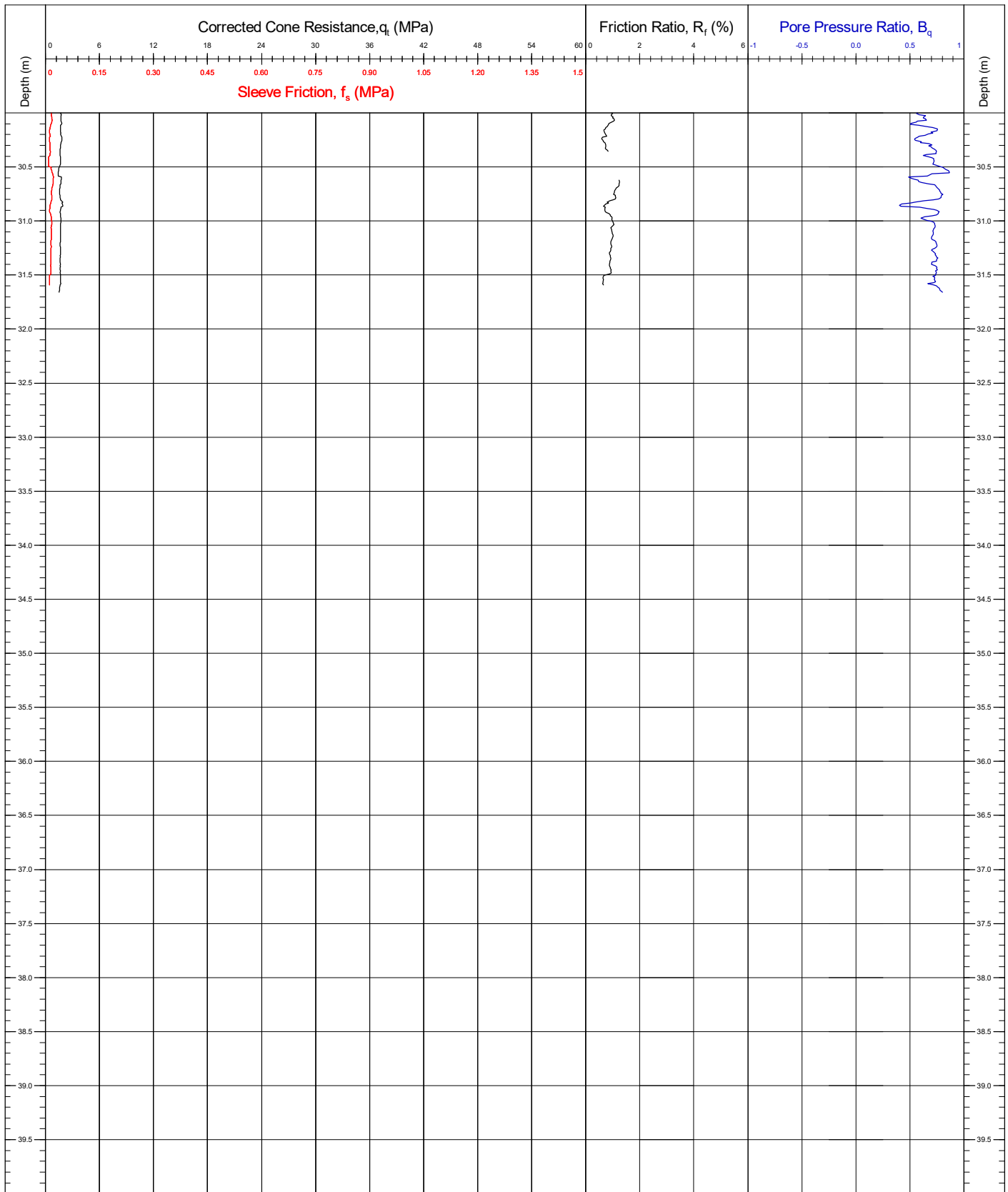


Area	Kattegat Sea	Coordinates	677715.30E 6266260.70N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT21	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.48	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/05/2021 to 04/05/2021	QC Status	
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.		Cone No.(size)/α Factor	120829 (10cm ²) / 0.8	Preliminary Draft Final	
		Base Inclination	X = 1.1° / Y = 1.0°	JK/BC (04/05/2021)	DR (10/06/2021)
		CRS	ETRS89		



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

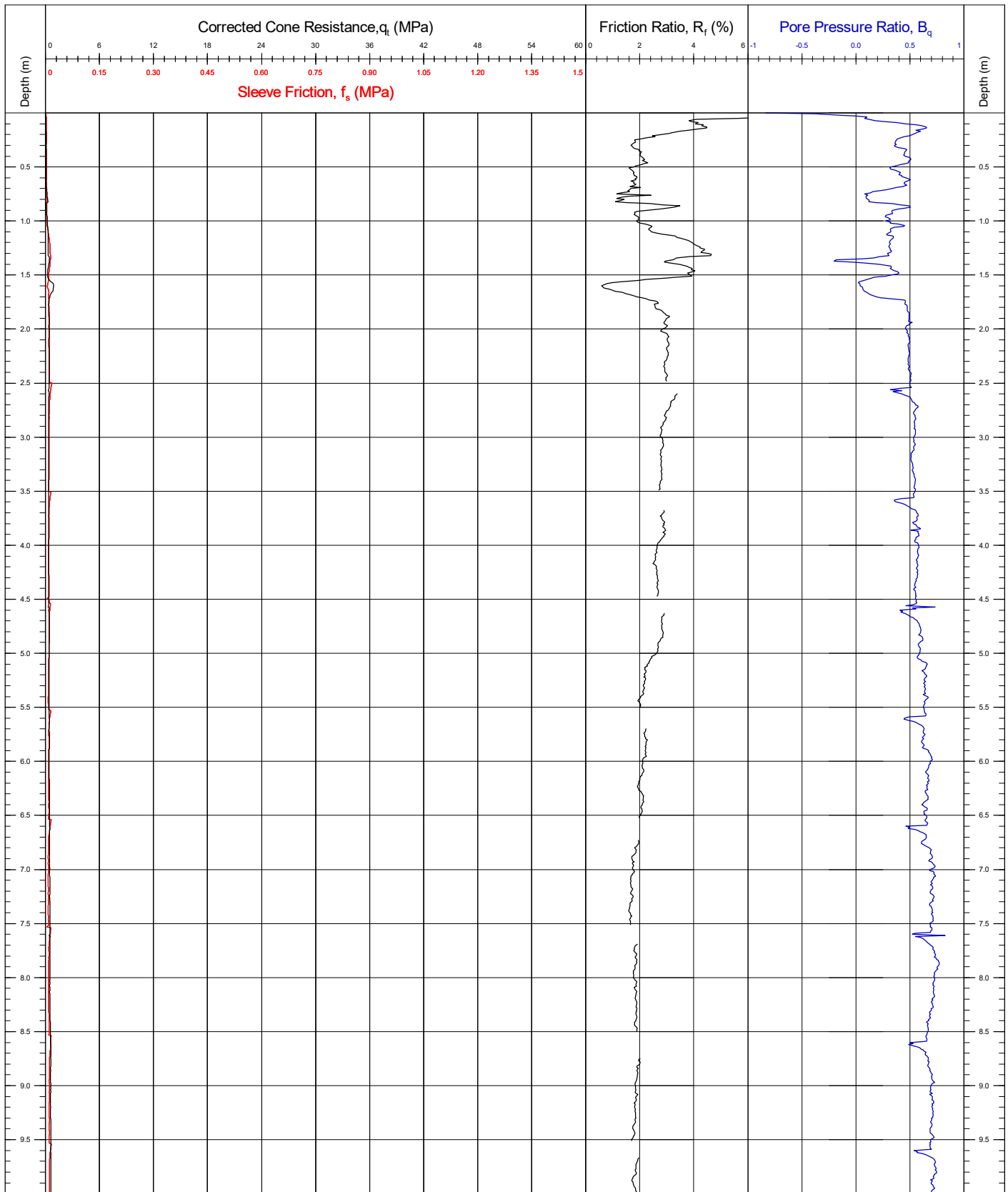


Area	Kattegat Sea	Coordinates	677715.30E 6266260.70N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT21		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	32.48			
Vessel	MV Ocean Vantage	Date of Test (Start/End)	03/05/2021 to 04/05/2021	Page: 4/4		
Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.				QC Status		
				Preliminary	Draft	Final
				JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
		Base Inclination	X = 1.1° / Y = 1.0°			
		CRS	ETRS89			



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

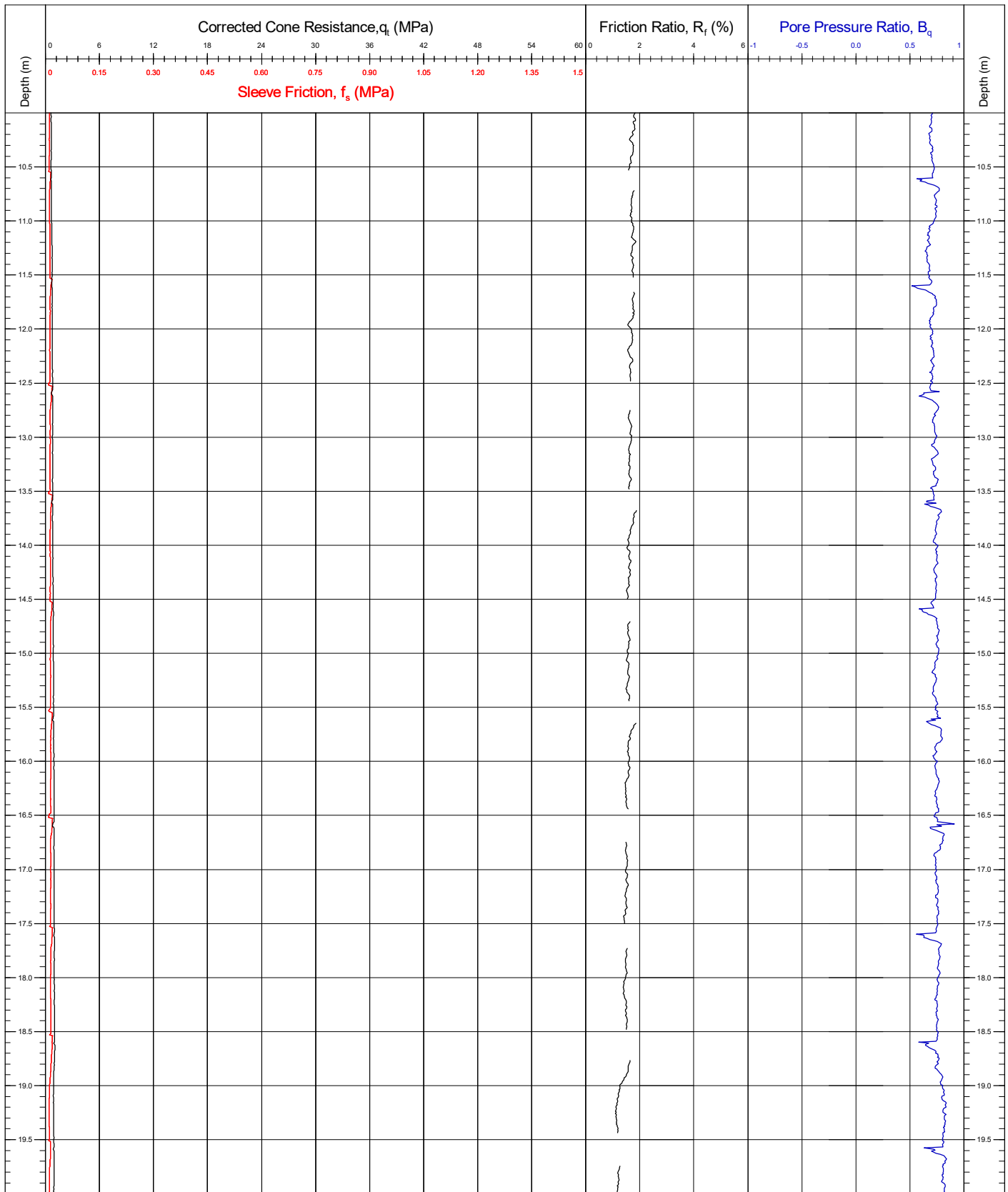


Area	Kattegat Sea	Coordinates	676059.40E 6274402.90N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT24		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.16			
Vessel	MV Ocean Vantage	Date of Test	03/05/2021	Page: 1/4		
<small>Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	QC Status		
		Base Inclination	X = 1.2° / Y = 0.8°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

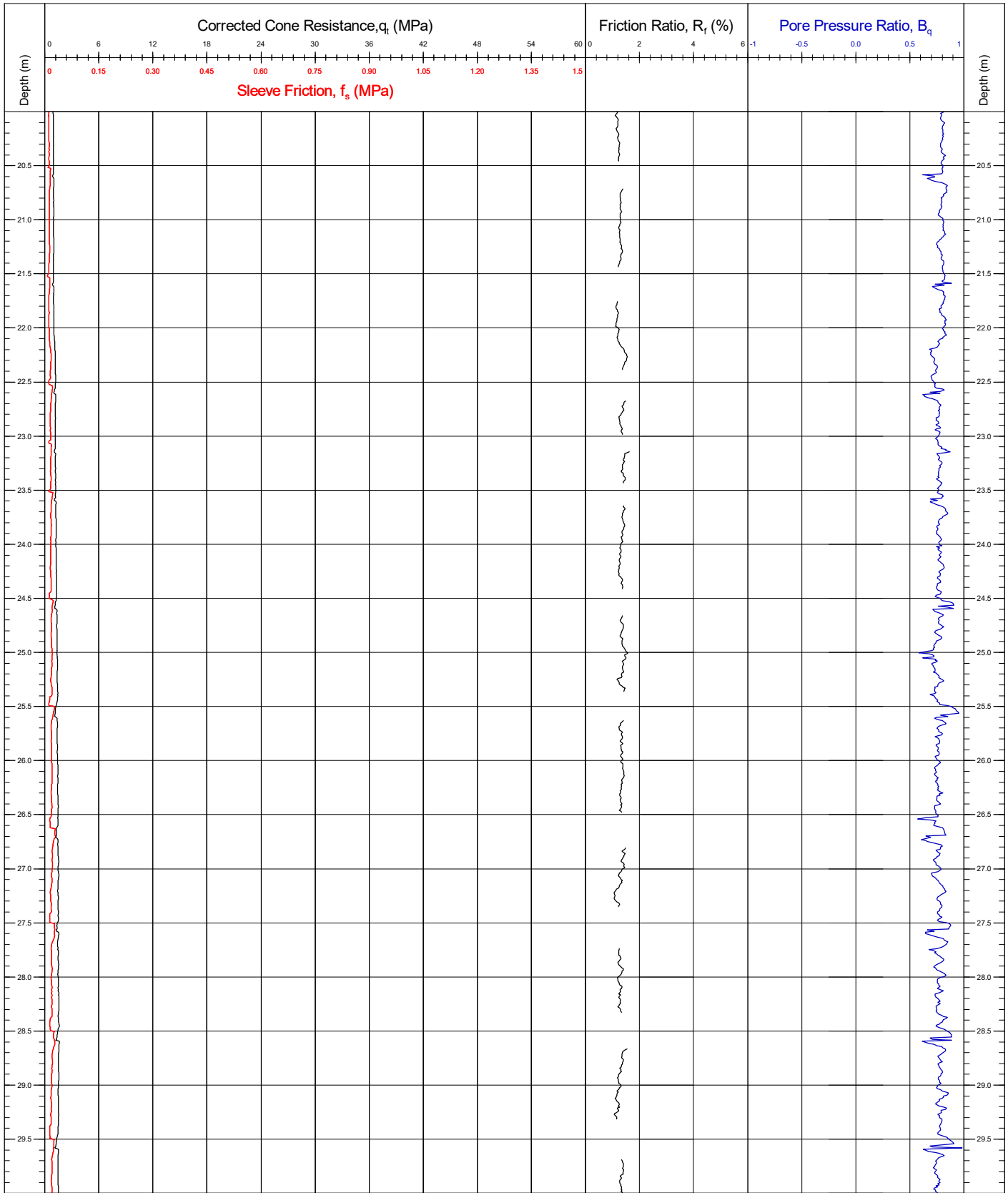


Area	Kattegat Sea	Coordinates	676059.40E 6274402.90N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT24	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.16	Page: 2/4	
Vessel	MV Ocean Vantage	Date of Test	03/05/2021	QC Status	
Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC	DR
		CRS	ETRS89	(03/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS

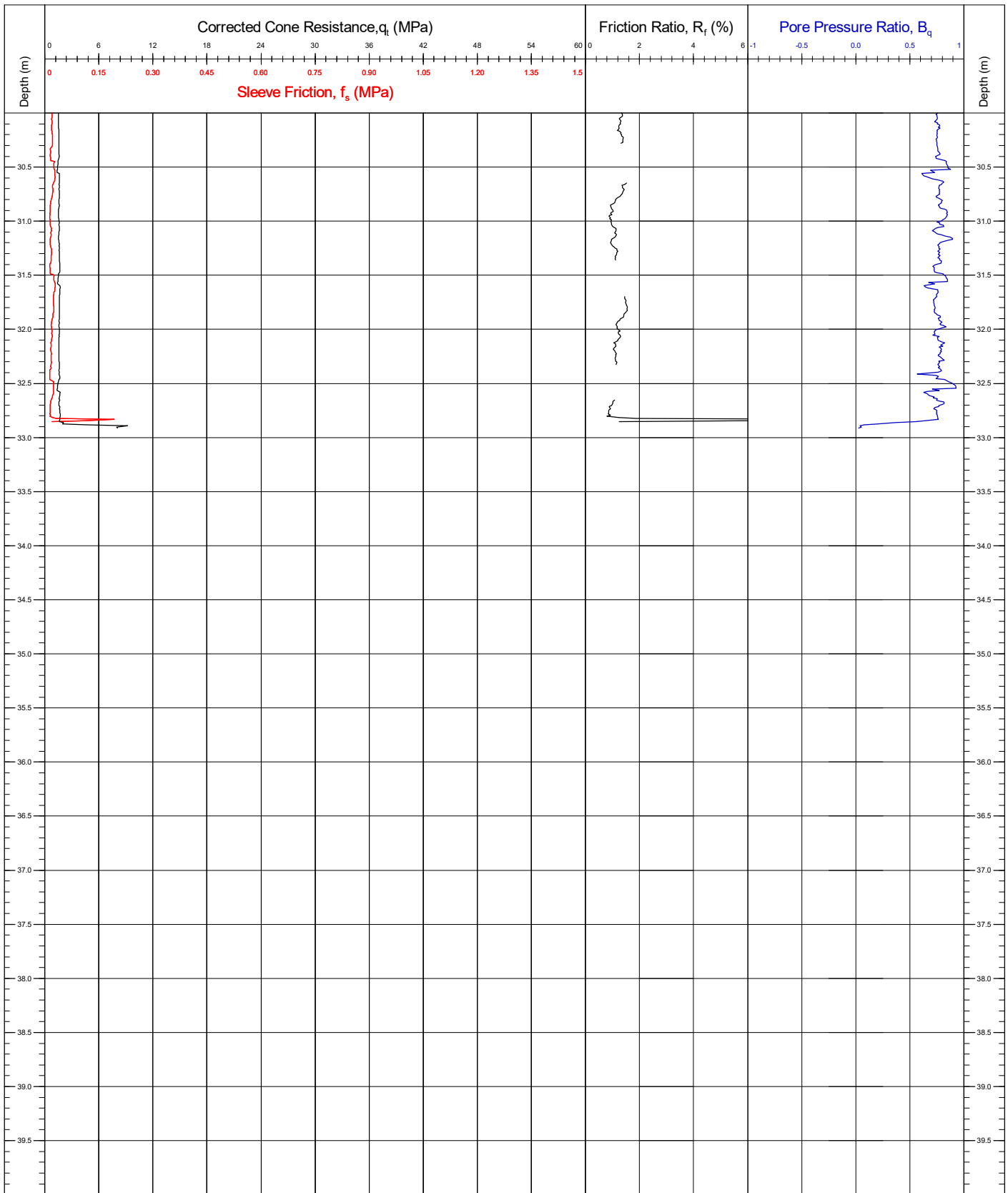


Area	Kattegat Sea	Coordinates	676059.40E 6274402.90N	CPT Number	
Contract	11596	Latitude / Longitude		SCPT24	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.16	Page: 3/4	
Vessel	MV Ocean Vantage	Date of Test	03/05/2021	QC Status	
Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	Preliminary Draft Final	
		Base Inclination	X = 1.2° / Y = 0.8°	JK/BC	DR
		CRS	ETRS89	(03/05/2021)	(10/06/2021)



Preliminary Investigation, Hesselø OWF

IN SITU CPTU TESTING - DERIVED PARAMETERS



Area	Kattegat Sea	Coordinates	676059.40E 6274402.90N	CPT Number		
Contract	11596	Latitude / Longitude		SCPT24		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Water Depth (mMSL)	31.16			
Vessel	MV Ocean Vantage	Date of Test	03/05/2021	Page: 4/4		
<small>Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high- Please note the derived data has been removed where seismic testing was conducted.</small>		Cone No.(size)/ α Factor	130206 (10cm ²) / 0.77	QC Status		
		Base Inclination	X = 1.2° / Y = 0.8°	Preliminary	Draft	Final
		CRS	ETRS89	JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)

APPENDIX 4– N_{kt} ASSESSMENT

4.1 N_{kt} Plot

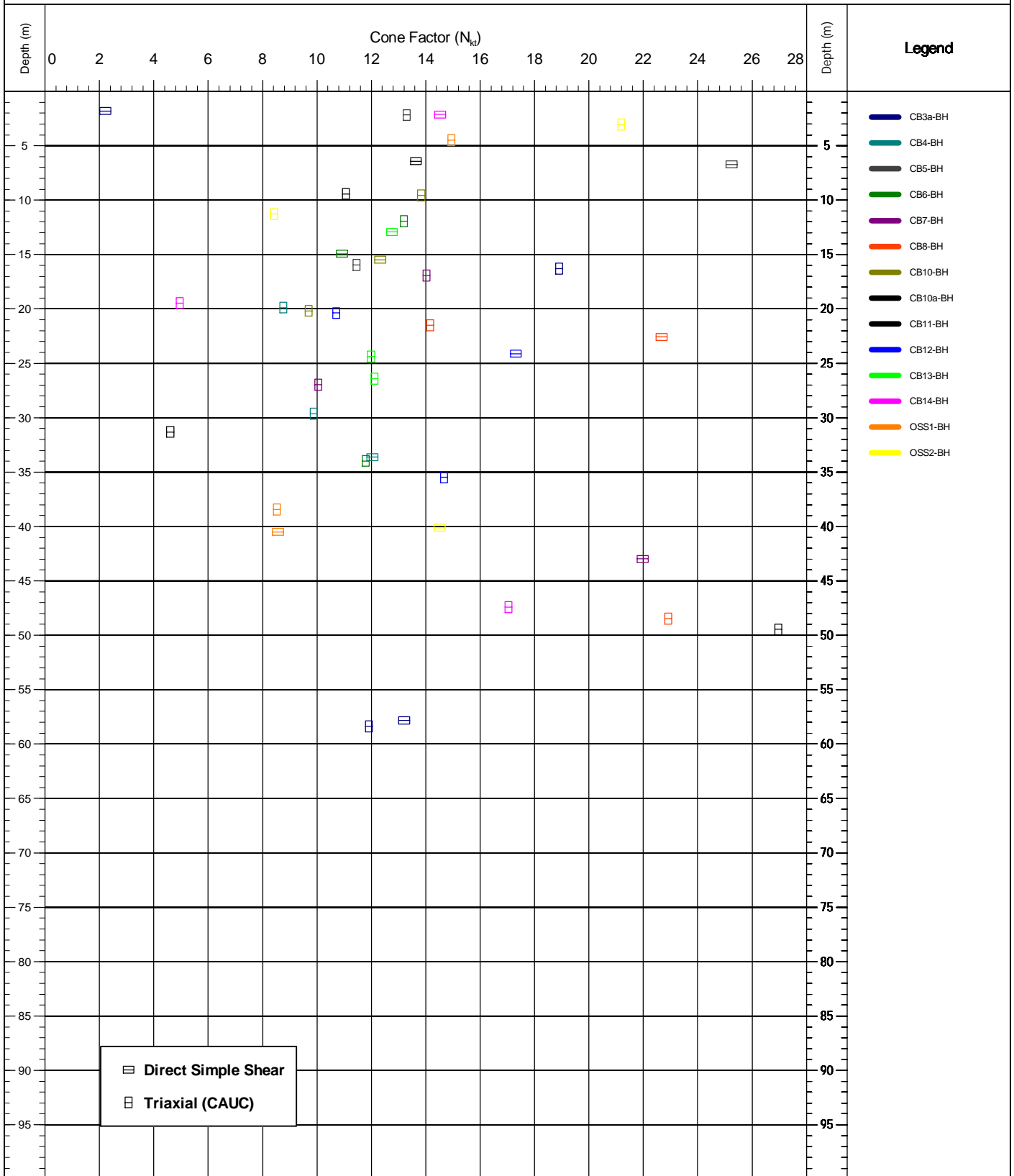
4.2 N_{kt} Value Distribution from DSS

4.3 N_{kt} Value Distribution from CAUc

4.1 N_{kt} Plot



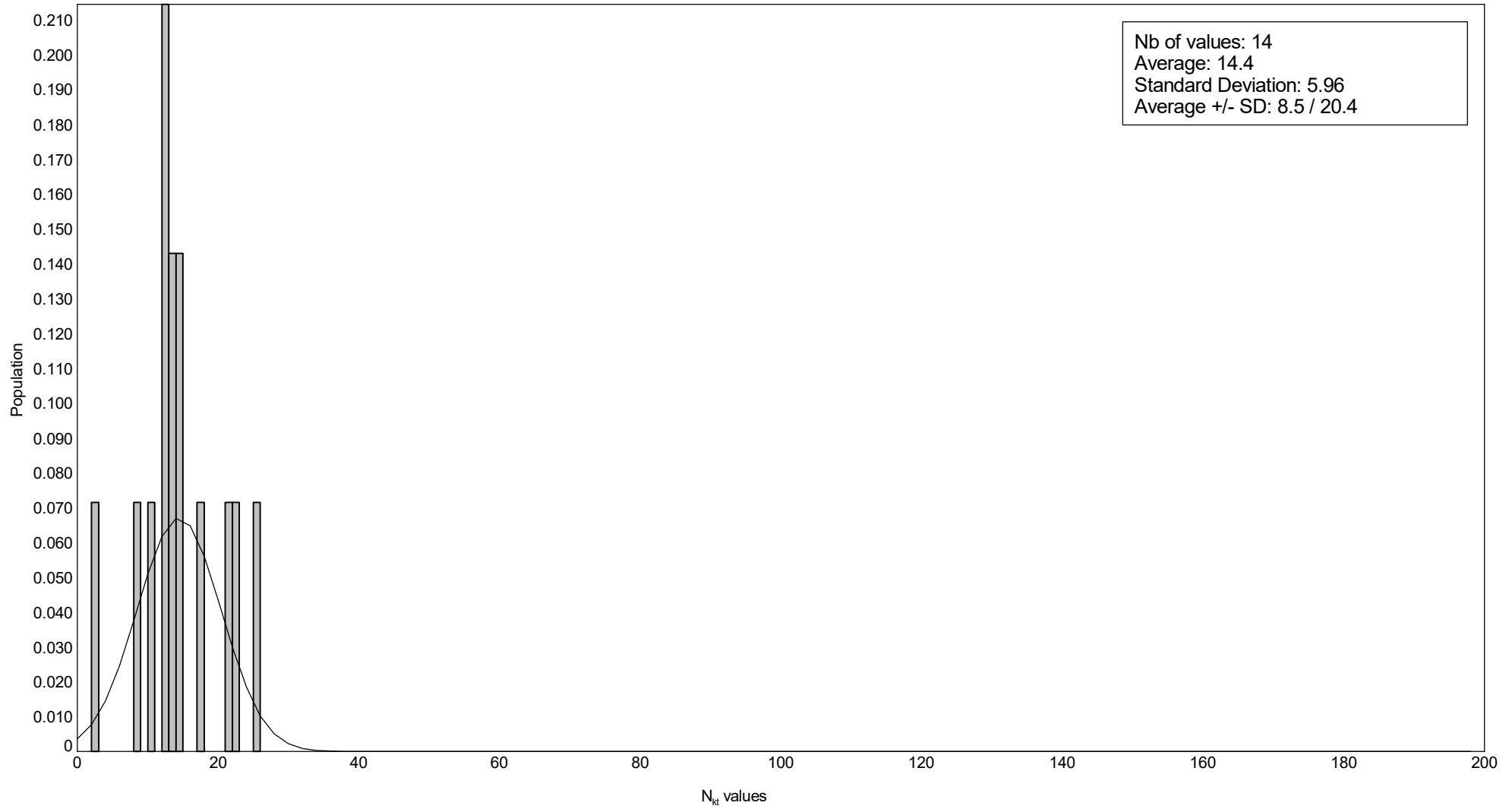
Preliminary Investigation, Hesselø OWF CONE FACTOR, N_{kt}



Area	Kattegat Sea	Comments:			
Contract	11596				
Client Name/Ref	Energinet Eltransmission A/S/ 384_20_ENE				
Vessel	MV Ocean Vantage				
CRS	ETRS89				
			QC Status		
			Preliminary	Draft	Final
			DR 28/07/2021	DR 28/07/2021	SMC 10/11/2021

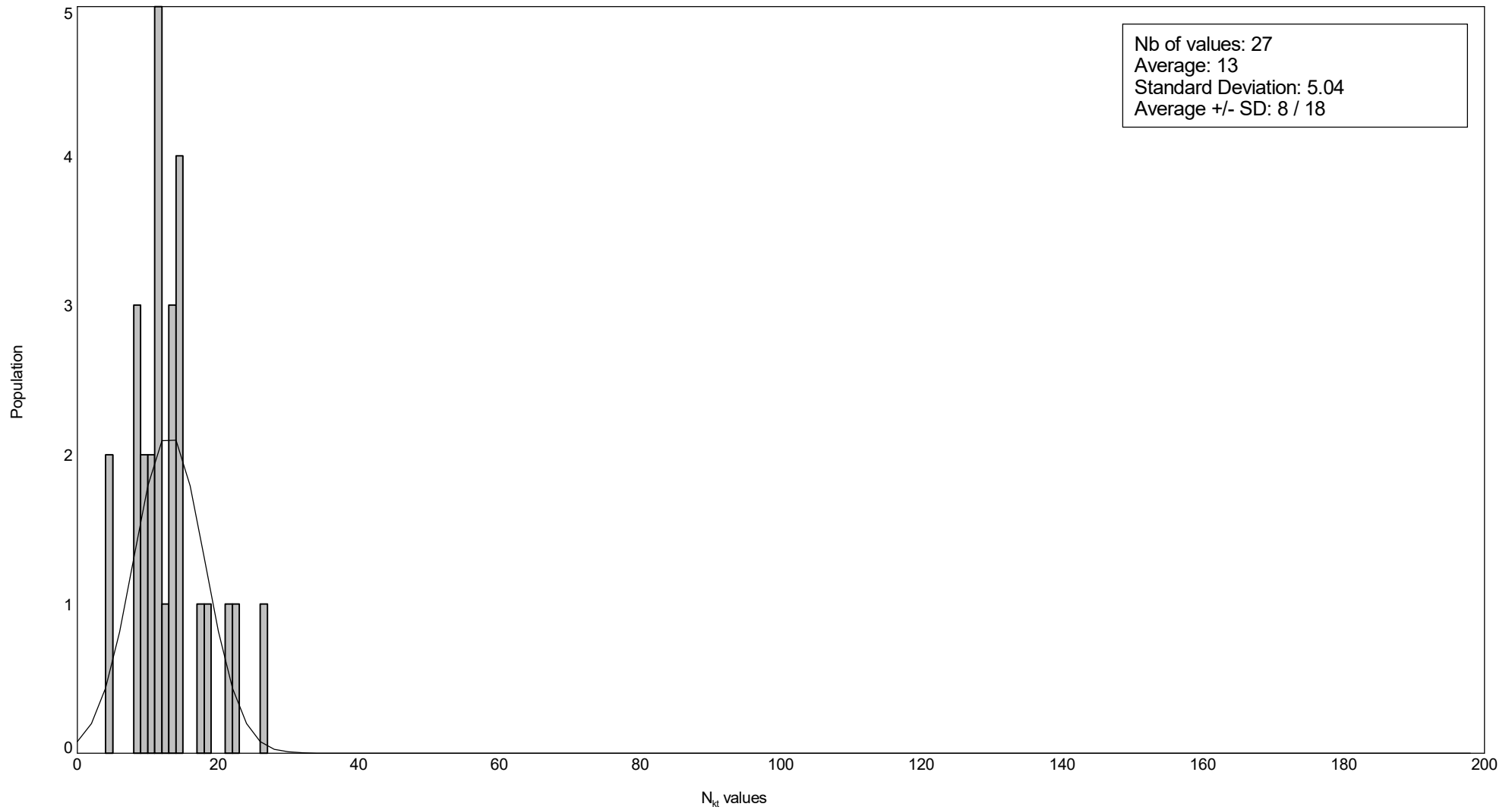
4.2 N_{kt} Value Distribution from DSS

NKT VALUES DISTRIBUTION DSS TESTING



Contract No.	11596	Comment:	QC Status		
Client Name	Energinet Eltransmission A/S		Preliminary	Draft	Final
Location	Kattegat Sea		DR (28/07/2021)	0	0

4.3 N_{kt} Value Distribution from CAUC

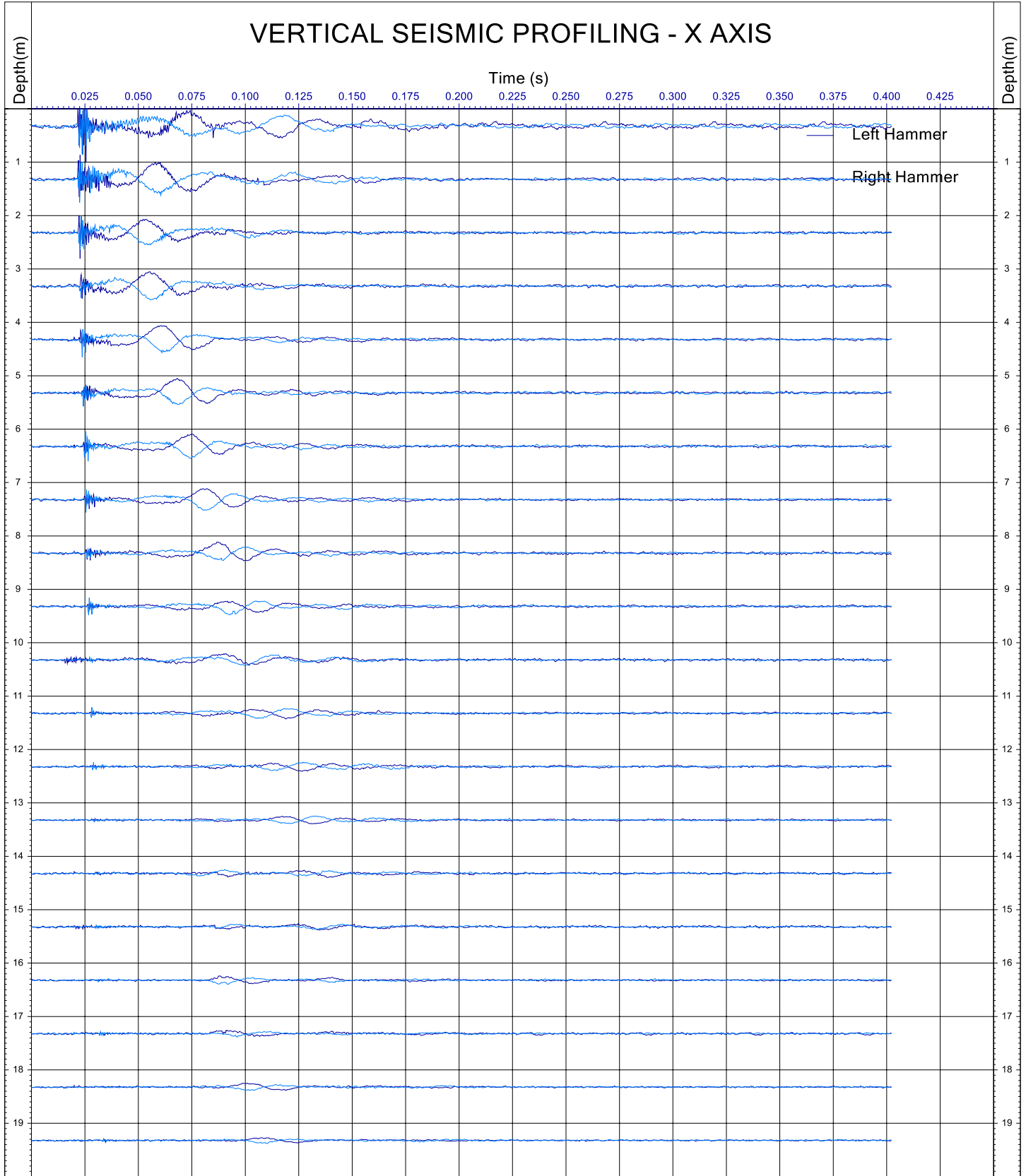


Contract No.	11596	Comment:	QC Status		
Client Name	Energinet Eltransmission A/S		Preliminary	Draft	Final
Location	Kattegat Sea		DR (28/07/2021)	0	0

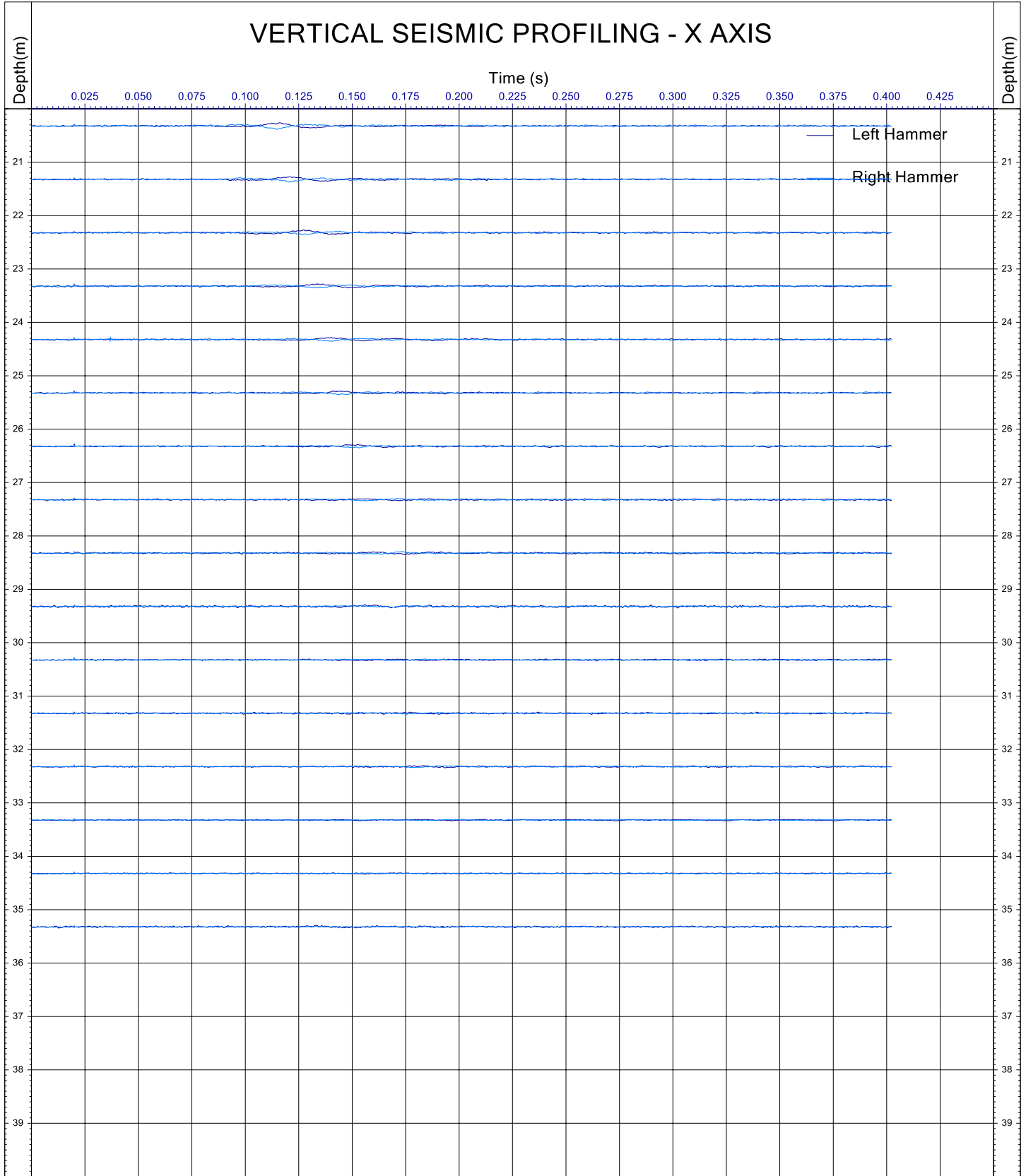
APPENDIX 5– SCPTU DATA

- 5.1 SCPTU S-Wave Traces**
- 5.2 SCPTU P-Wave Traces**
- 5.3 SCPTU S-Wave Velocity Profiles**
- 5.4 SCPTU Log Plots**

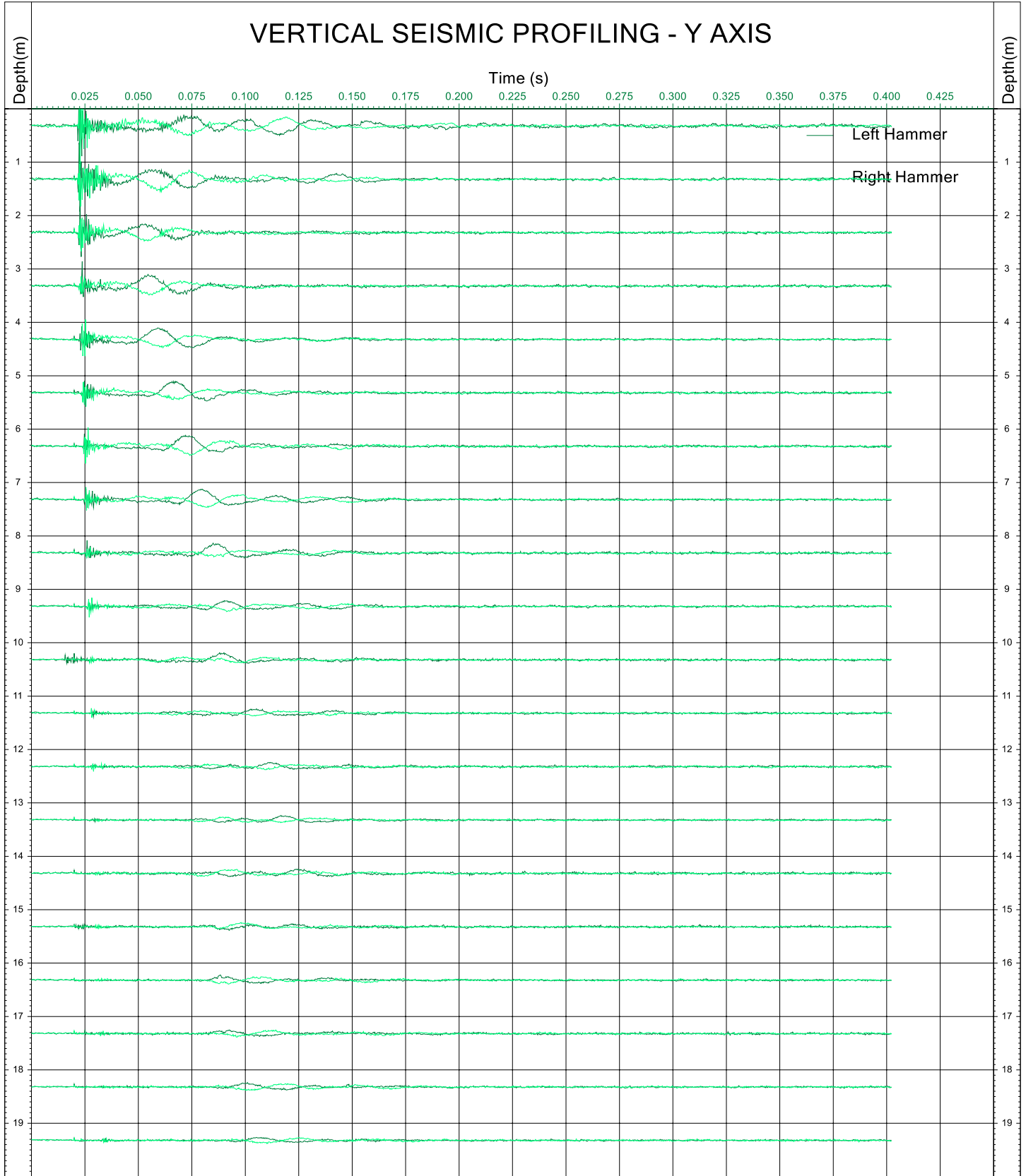
5.1 SCPTU S-Wave Traces



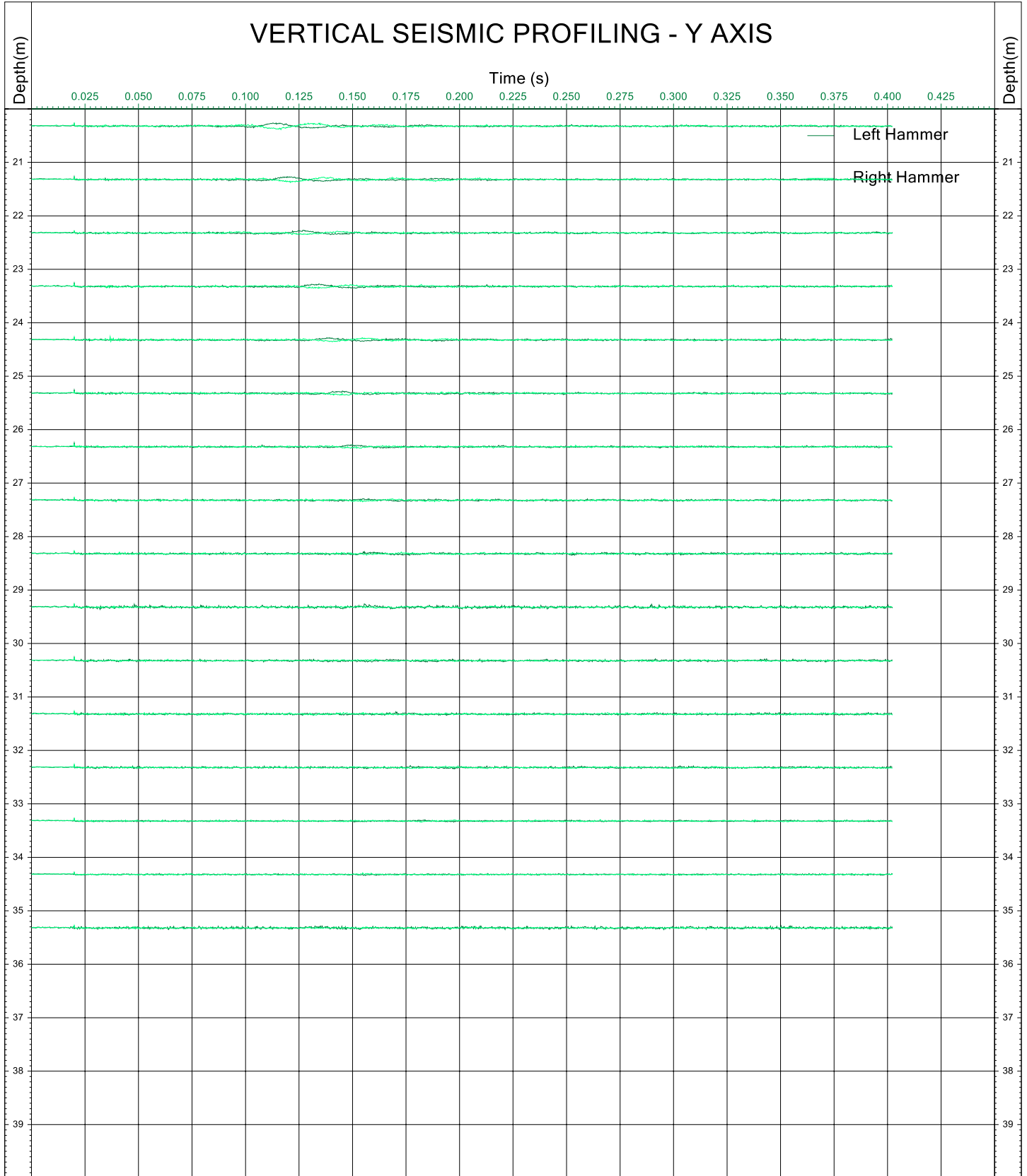
Area	Kattegat Sea	Coordinates (E, N)	681923.4 - 6249306.6	Location		
Contract	11596	Water Depth	31.710 (mMSL)	SCPT1a		
Client Name	Energinet Eltransmission A/S	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 08/05/2021	DR 10/06/2021	10/06/2021



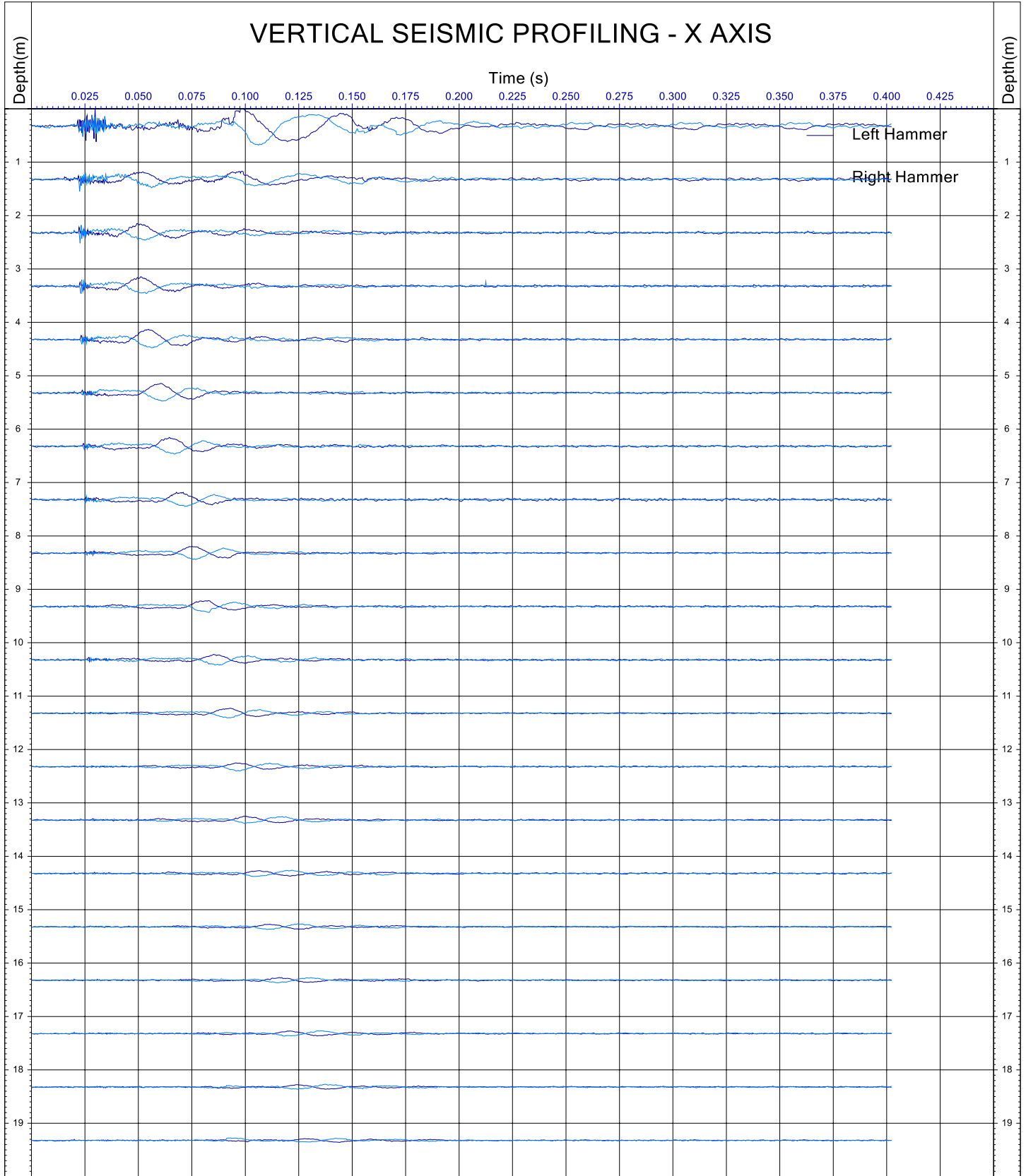
Area	Kattegat Sea	Coordinates (E, N)	681923.4 - 6249306.6	Location		
Contract	11596	Water Depth	31.710 (mMSL)	SCPT1a		
Client Name	Energinet Eltransmission A/S	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 06/05/2021	DR 10/06/2021	10/06/2021



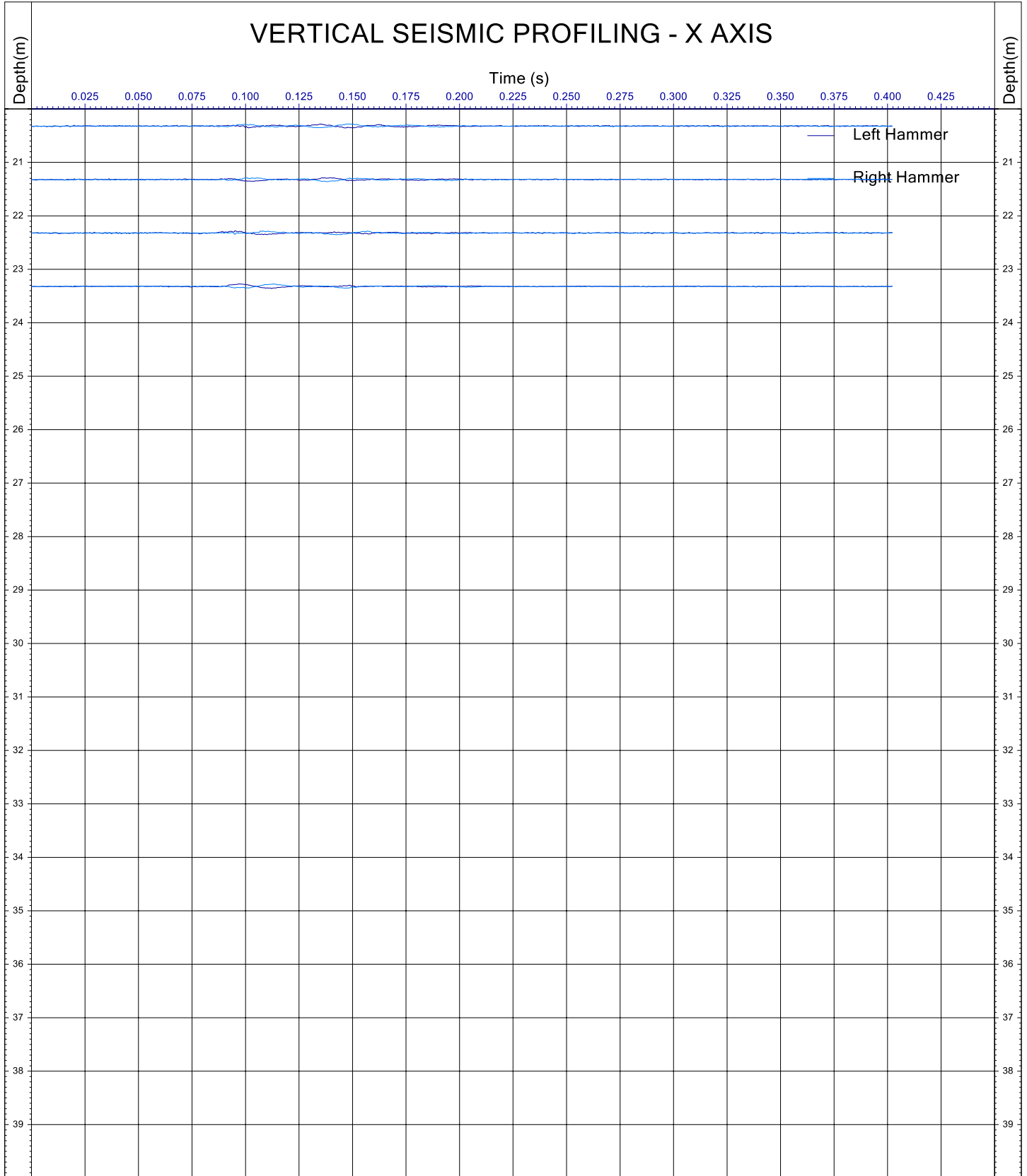
Area	Kattegat Sea	Coordinates (E, N)	681923.4 - 6249306.6	Location		
Contract	11596	Water Depth	31.710 (mMSL)	SCPT1a		
Client Name	Energinet Eltransmission A/S	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 06/05/2021	DR 10/06/2021	10/06/2021



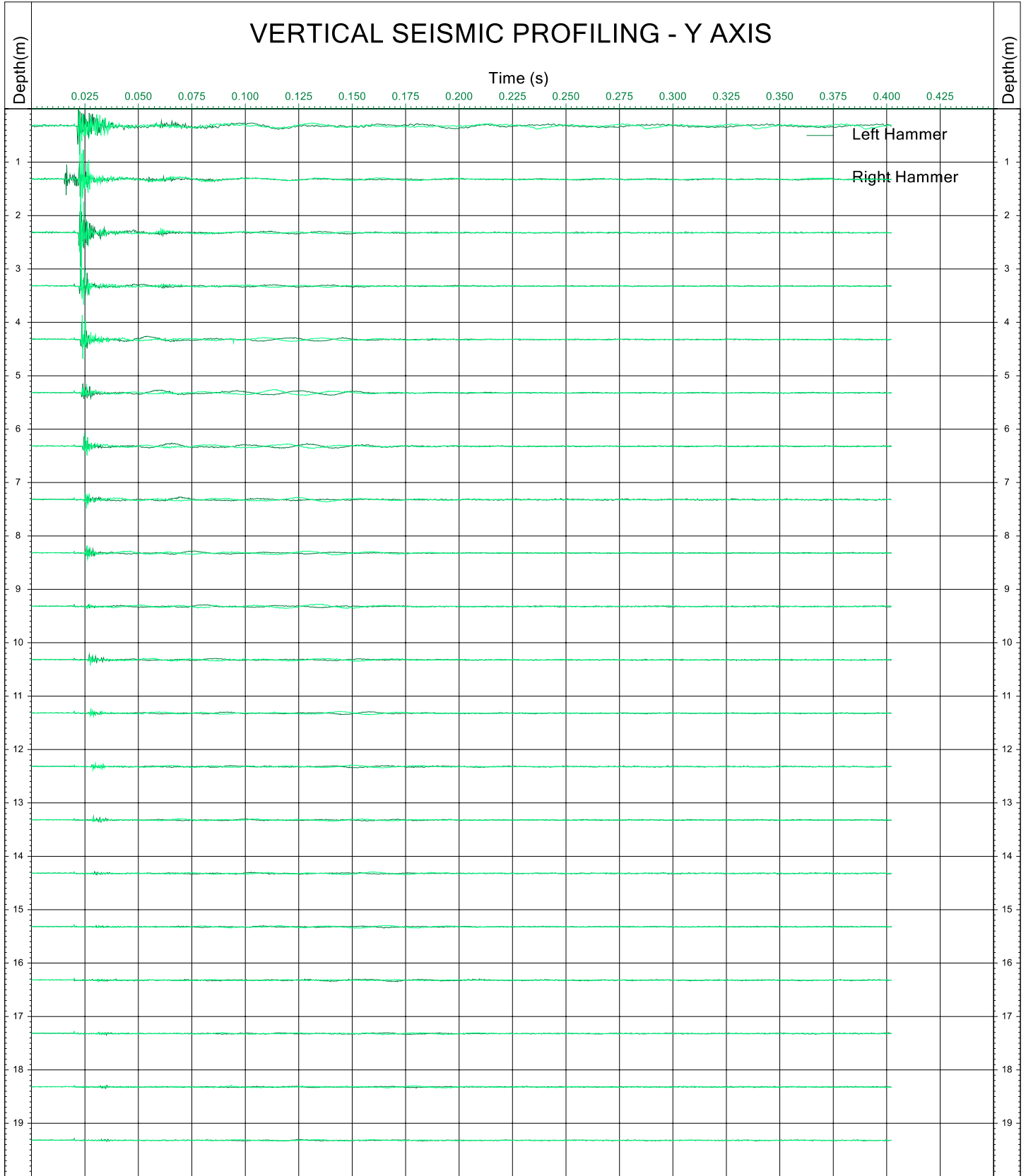
Area	Kattegat Sea	Coordinates (E, N)	681923.4 - 6249306.6	Location		
Contract	11596	Water Depth	31.710 (mMSL)	SCPT1a		
Client Name	Energinet Eltransmission A/S	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 06/05/2021	DR 10/06/2021	10/06/2021



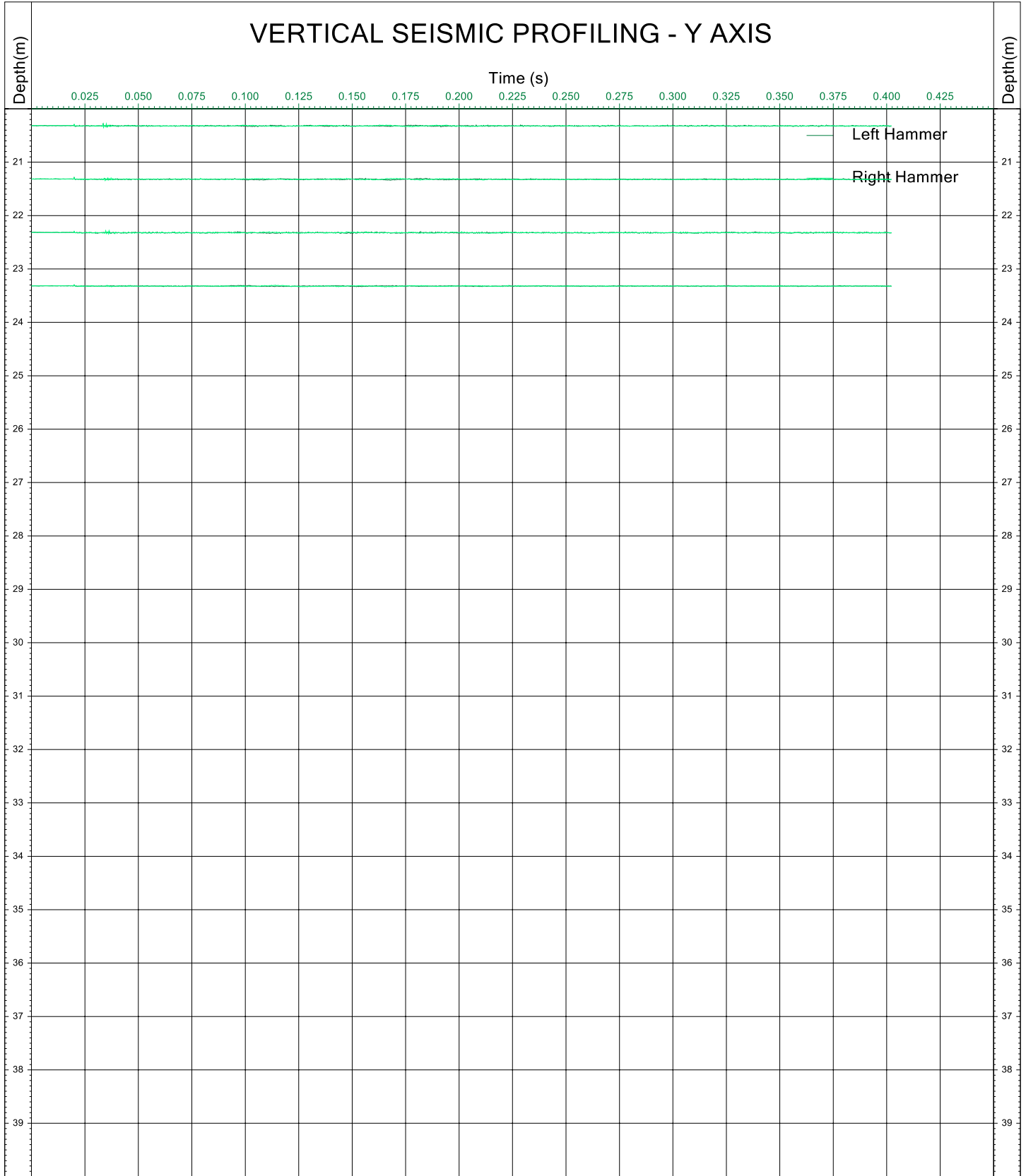
Area	Kattegat Sea	Coordinates (E, N)	673302.0 - 6252306.8	Location		
Contract	11596	Water Depth	28.800 (mMSL)	SCPT2		
Client Name	Energinet Eltransmission A/S	Date of Test	04/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



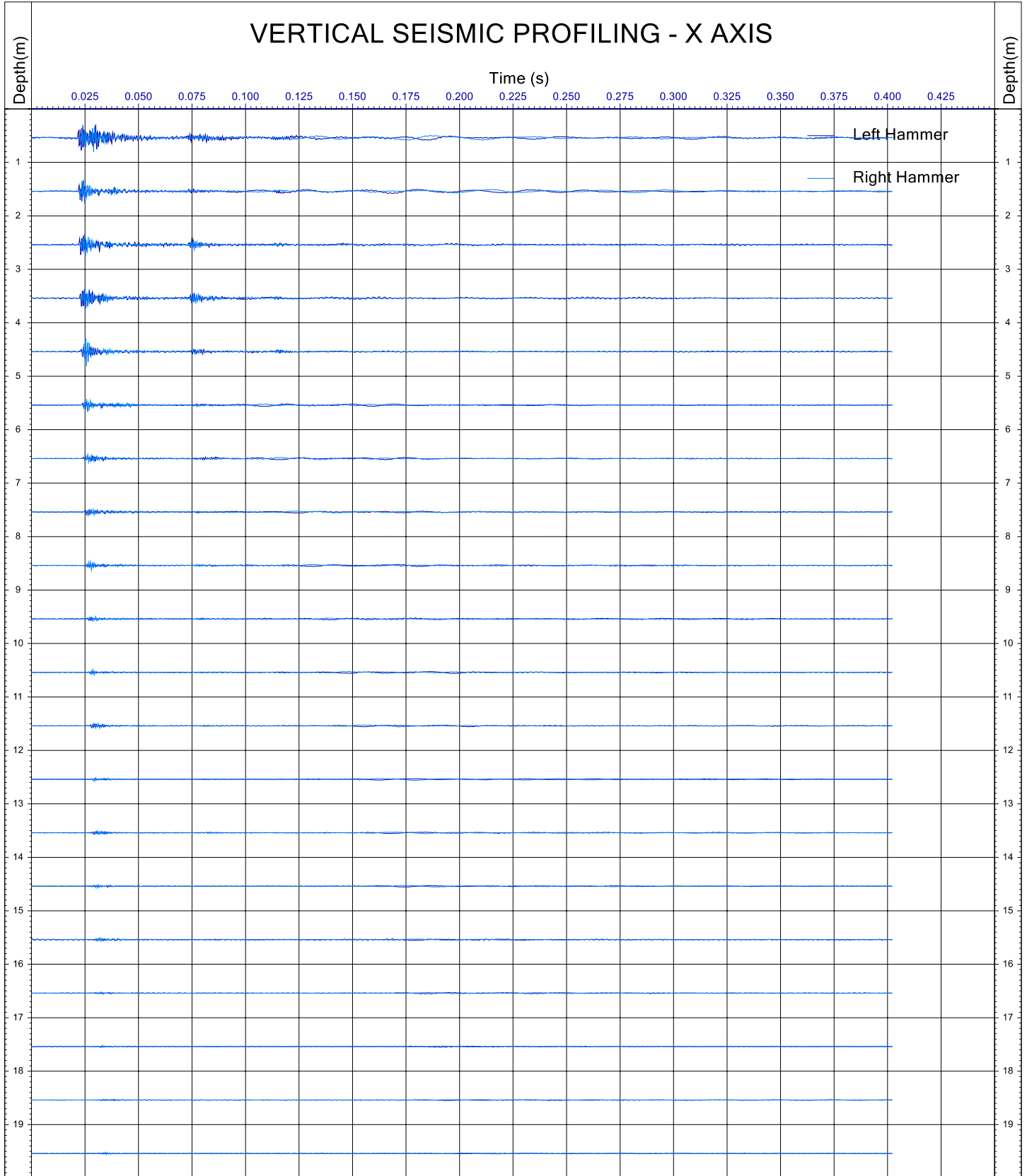
Area	Kattegat Sea	Coordinates (E, N)	673302.0 - 6252306.8	Location		
Contract	11596	Water Depth	28.800 (mMSL)	SCPT2		
Client Name	Energinet Eltransmission A/S	Date of Test	04/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



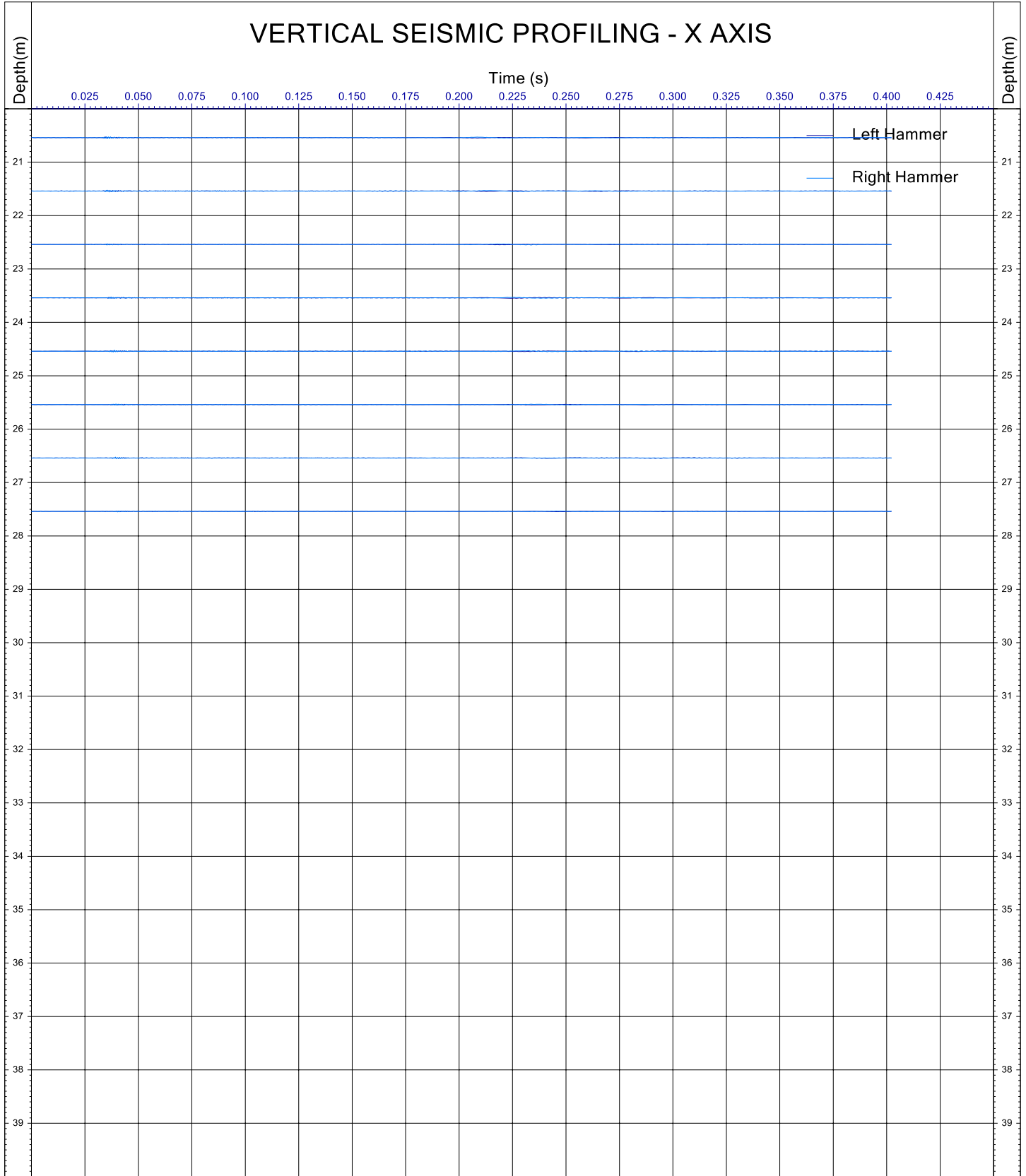
Area	Kattegat Sea	Coordinates (E, N)	673302.0 - 6252306.8	Location		
Contract	11596	Water Depth	28.800 (mMSL)	SCPT2		
Client Name	Energinet Eltransmission A/S	Date of Test	04/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



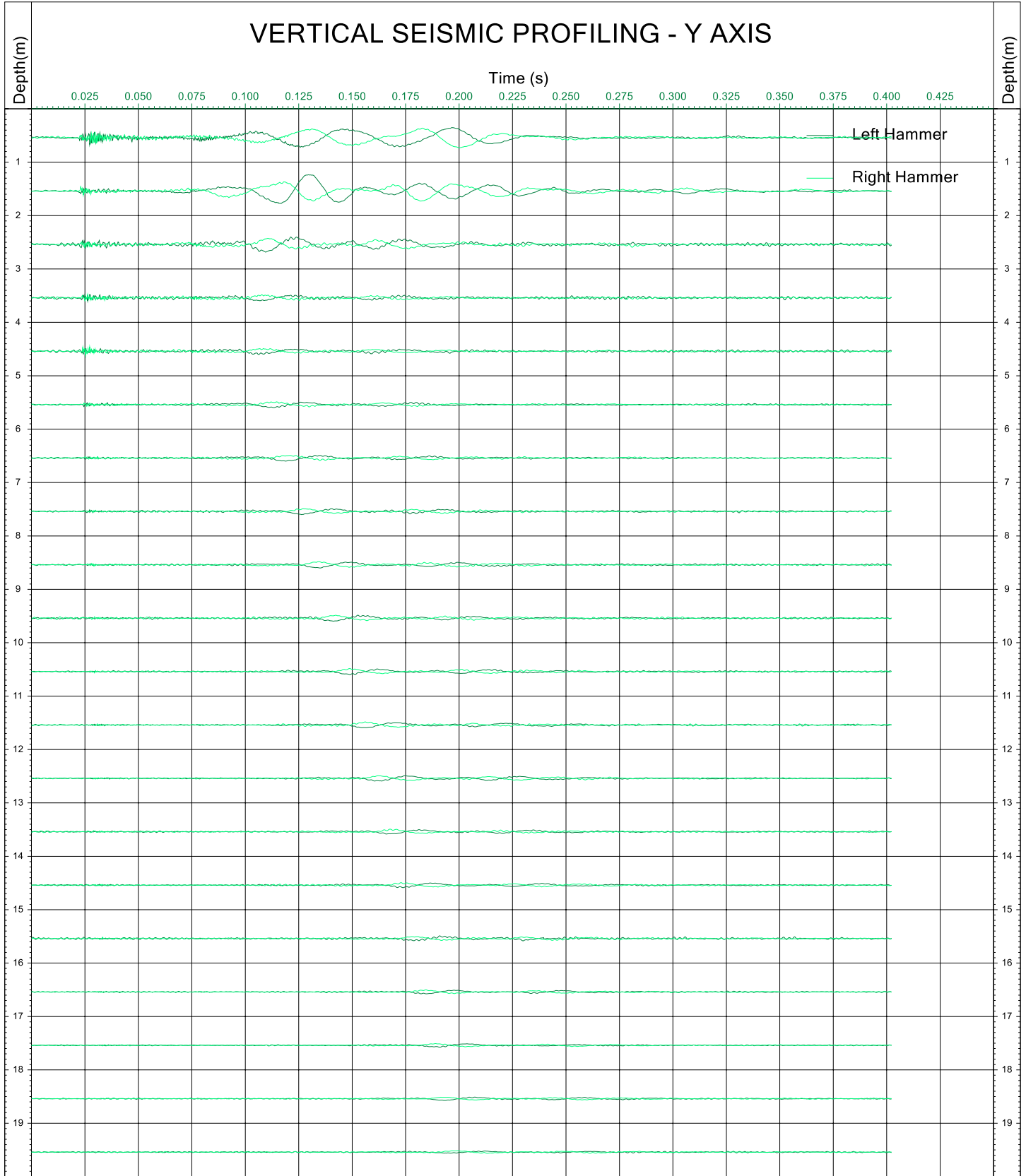
Area	Kattegat Sea	Coordinates (E, N)	673302.0 - 6252306.8	Location		
Contract	11596	Water Depth	28.800 (mMSL)	SCPT2		
Client Name	Energinet Eltransmission A/S	Date of Test	04/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



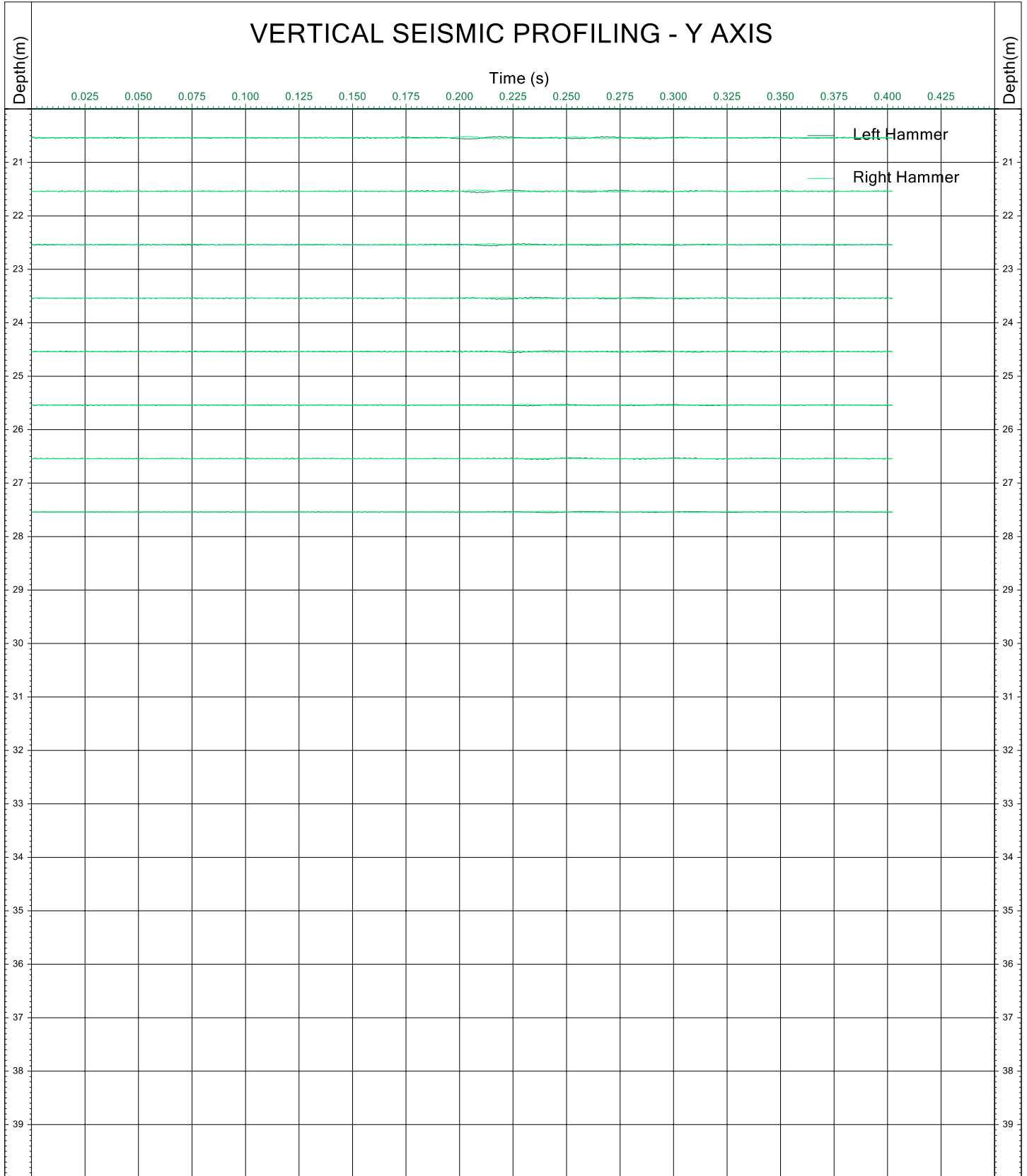
Area	Kattegat Sea	Coordinates (E, N)	665881.4 - 6256363.1	Location		
Contract	11596	Water Depth	27.690 (mMSL)	SCPT5		
Client Name	Energinet Eltransmission A/S	Date of Test	06/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	191114 / 0.76	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



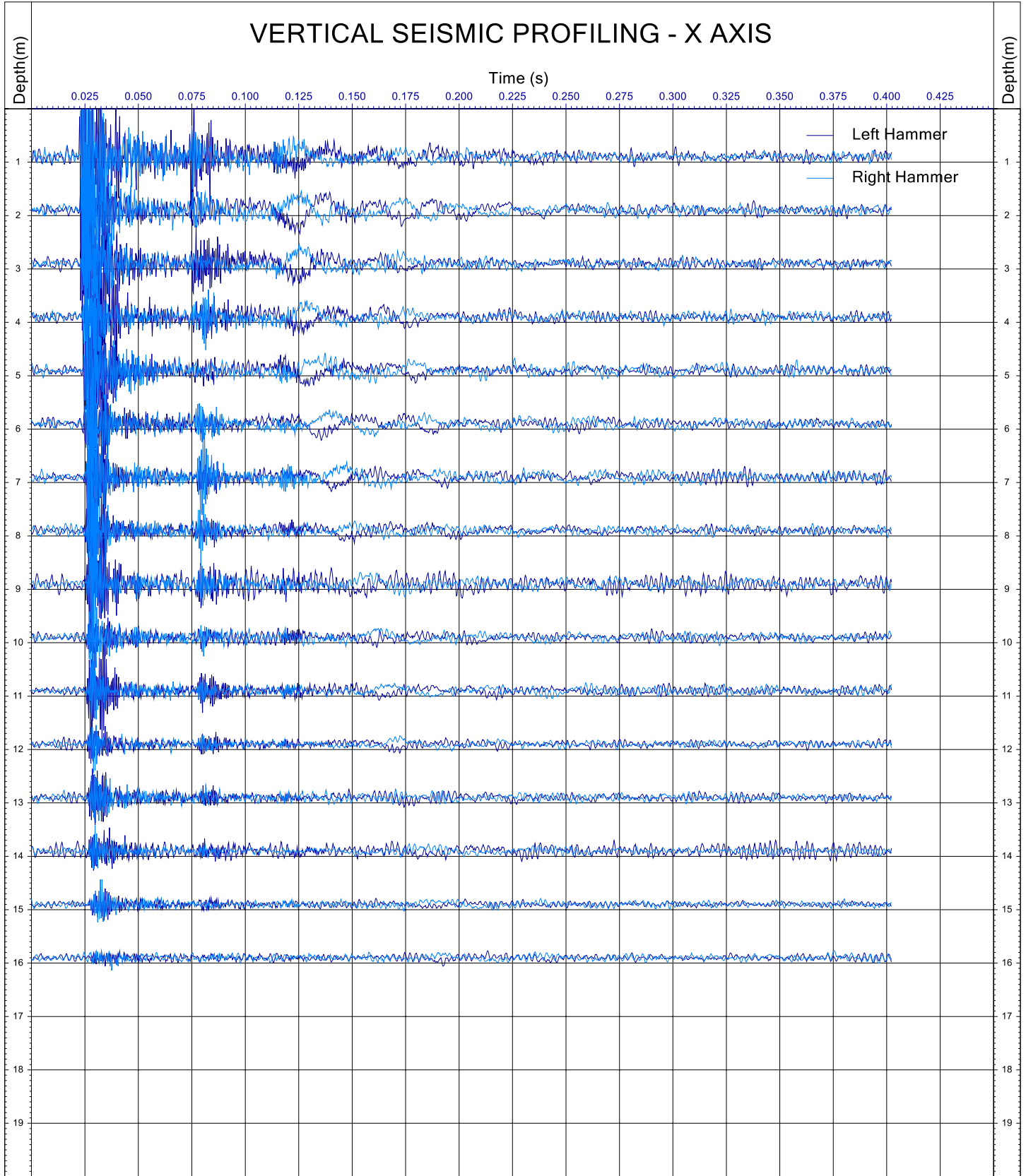
Area	Kattegat Sea	Coordinates (E, N)	665881.4 - 6256363.1	Location		
Contract	11596	Water Depth	27.690 (mMSL)	SCPT5		
Client Name	Energinet Eltransmission A/S	Date of Test	06/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	191114 / 0.76	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



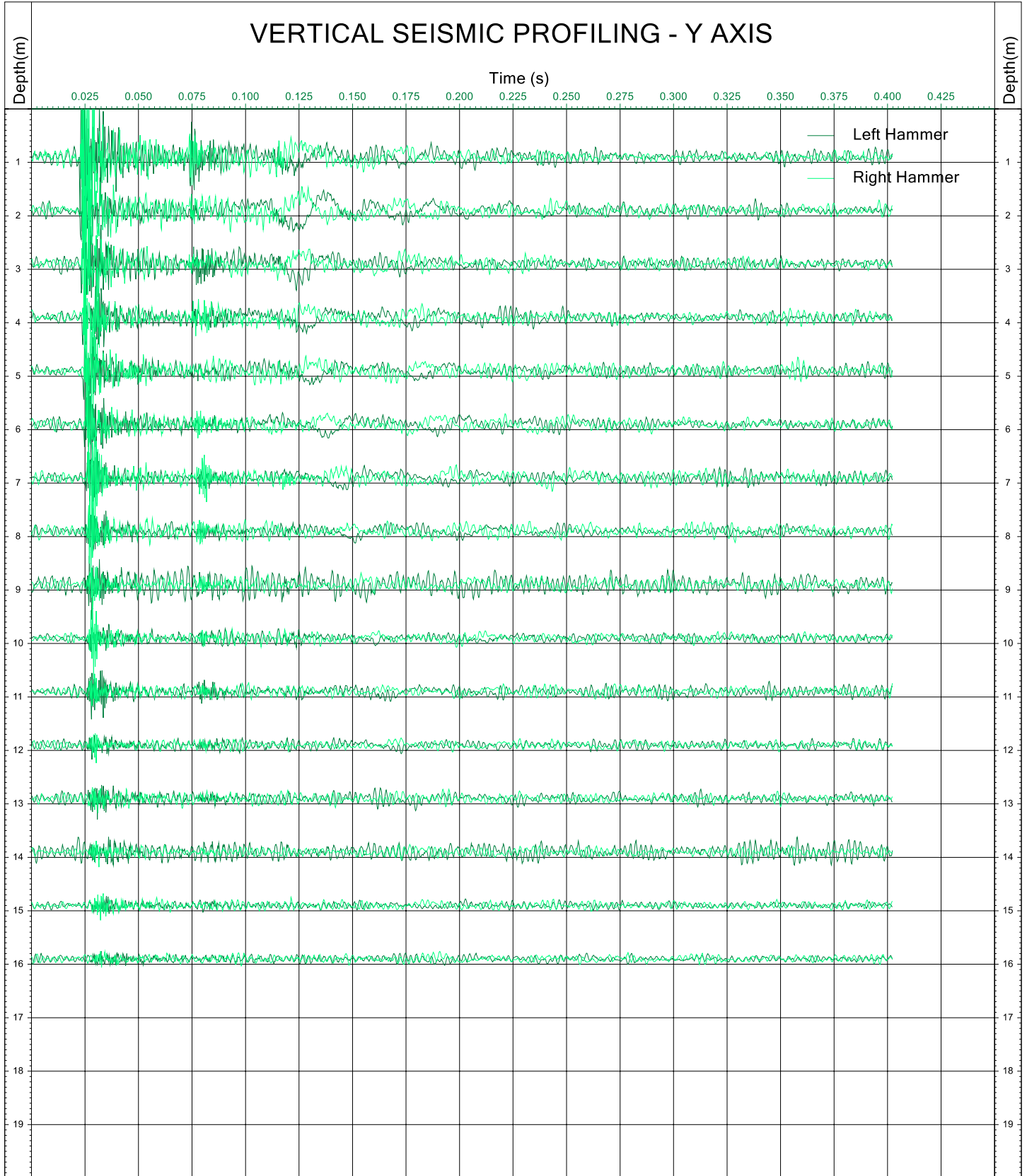
Area	Kattegat Sea	Coordinates (E, N)	665881.4 - 6256363.1	Location		
Contract	11596	Water Depth	27.690 (mMSL)	SCPT5		
Client Name	Energinet Eltransmission A/S	Date of Test	06/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	191114 / 0.76	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



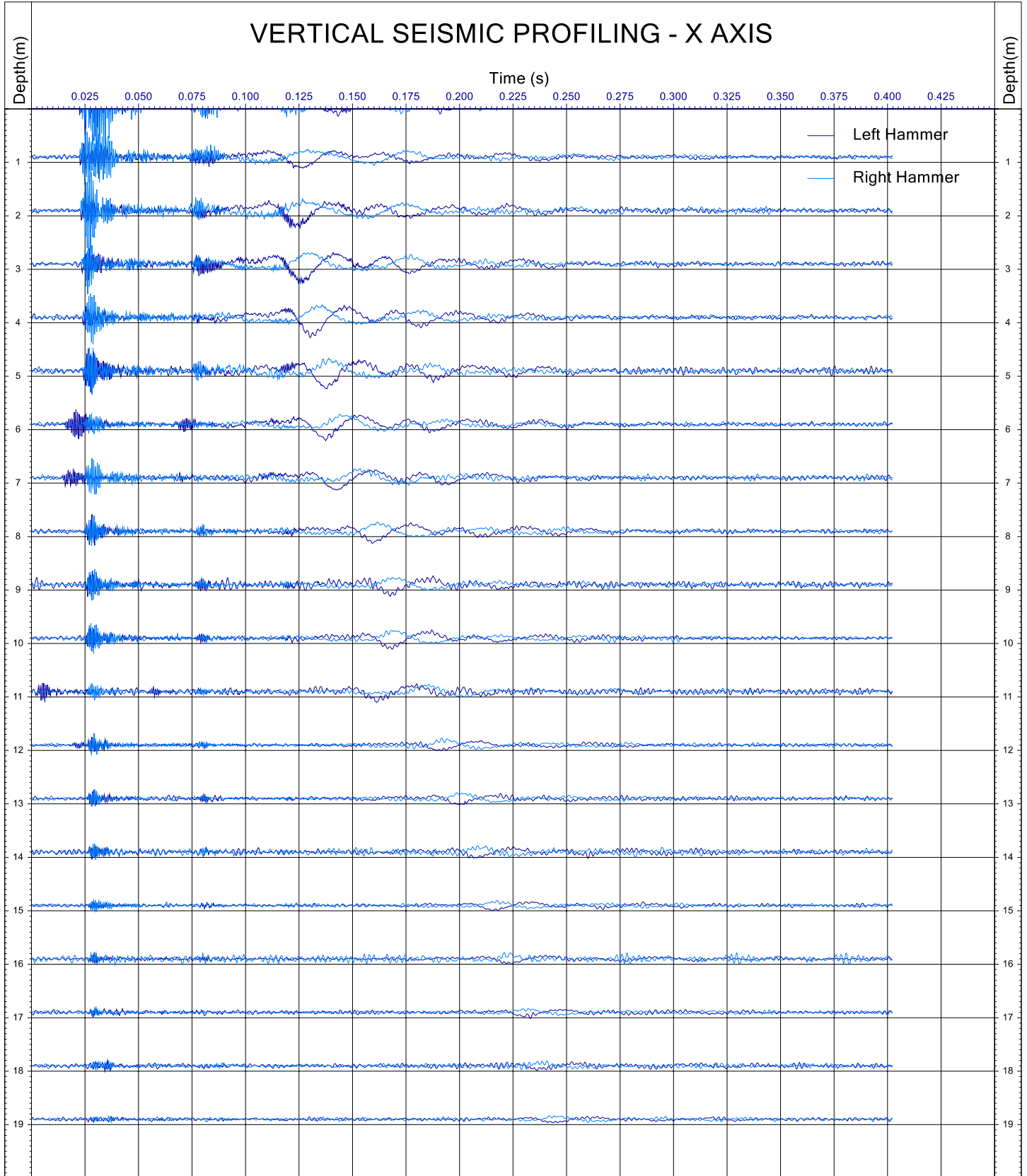
Area	Kattegat Sea	Coordinates (E, N)	665881.4 - 6256363.1	Location		
Contract	11596	Water Depth	27.690 (mMSL)	SCPT5		
Client Name	Energinet Eltransmission A/S	Date of Test	06/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	191114 / 0.76	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



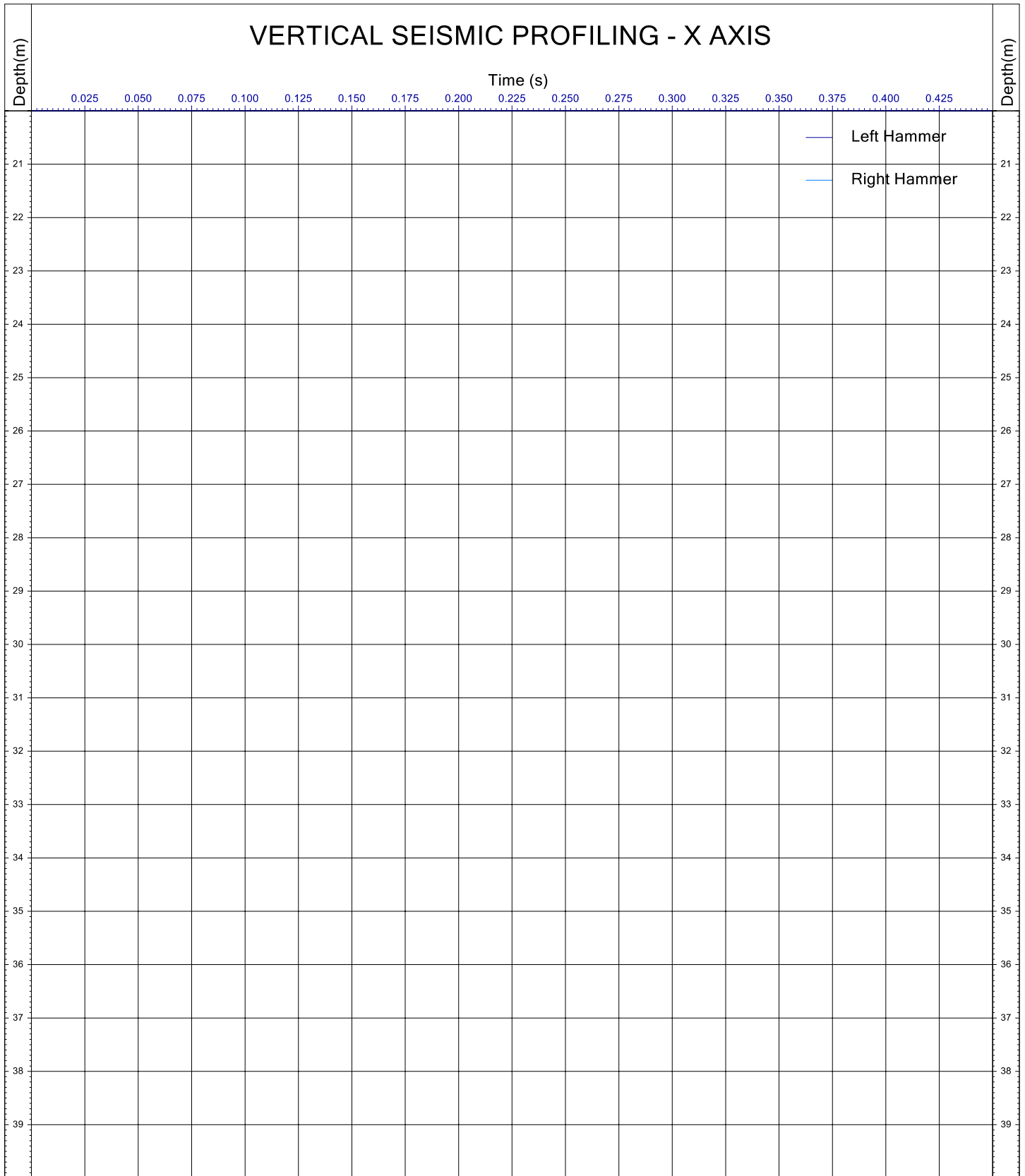
Area	Kattegat Sea	Coordinates (E, N)	675126.2 - 6262391.1	Location		
Contract	11596	Water Depth	31.810 (mMSL)	SCPT17		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	081208 / 0.78	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



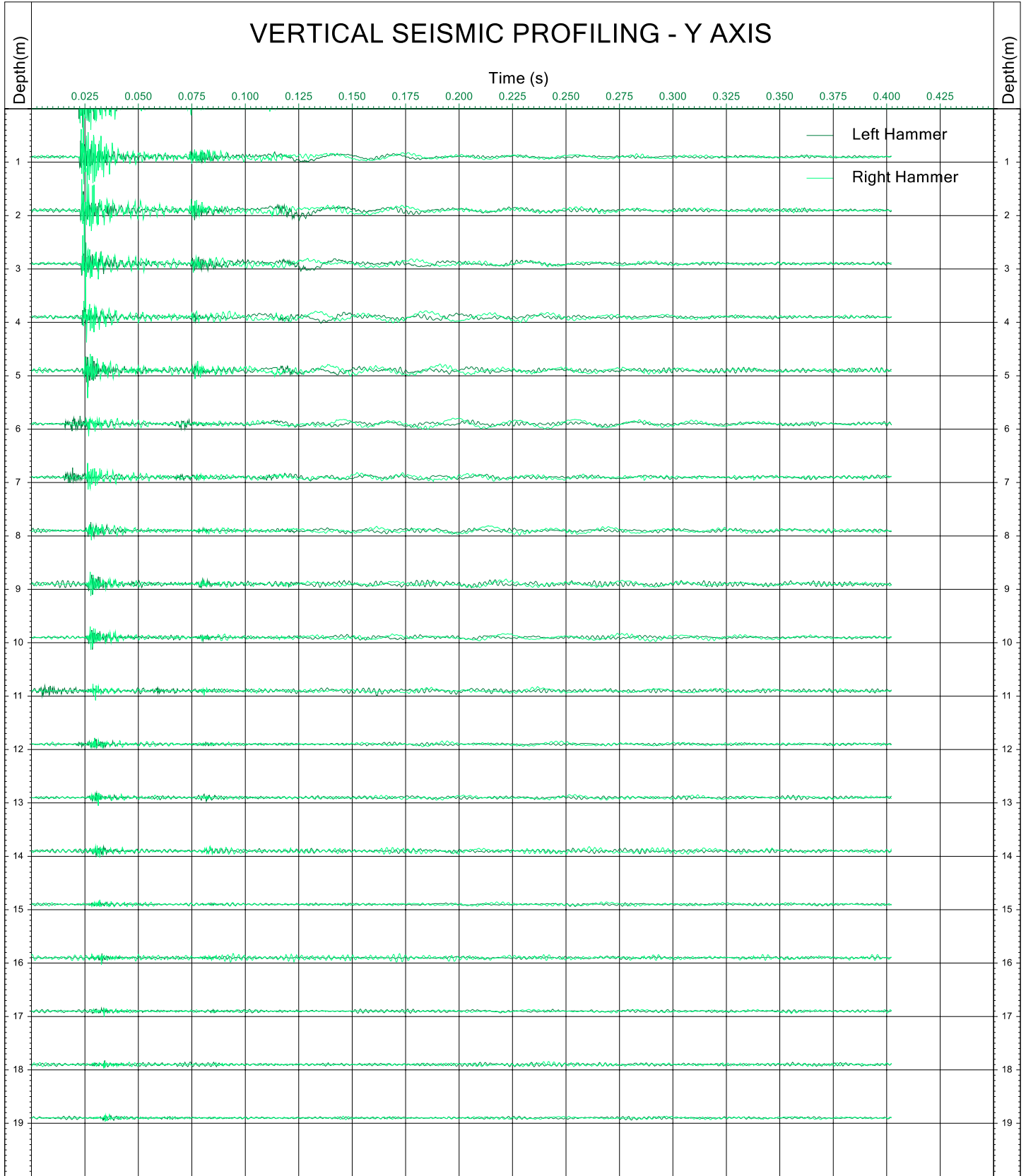
Area	Kattegat Sea	Coordinates (E, N)	675126.2 - 6262391.1	Location		
Contract	11596	Water Depth	31.810 (mMSL)	SCPT17		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	081208 / 0.78	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



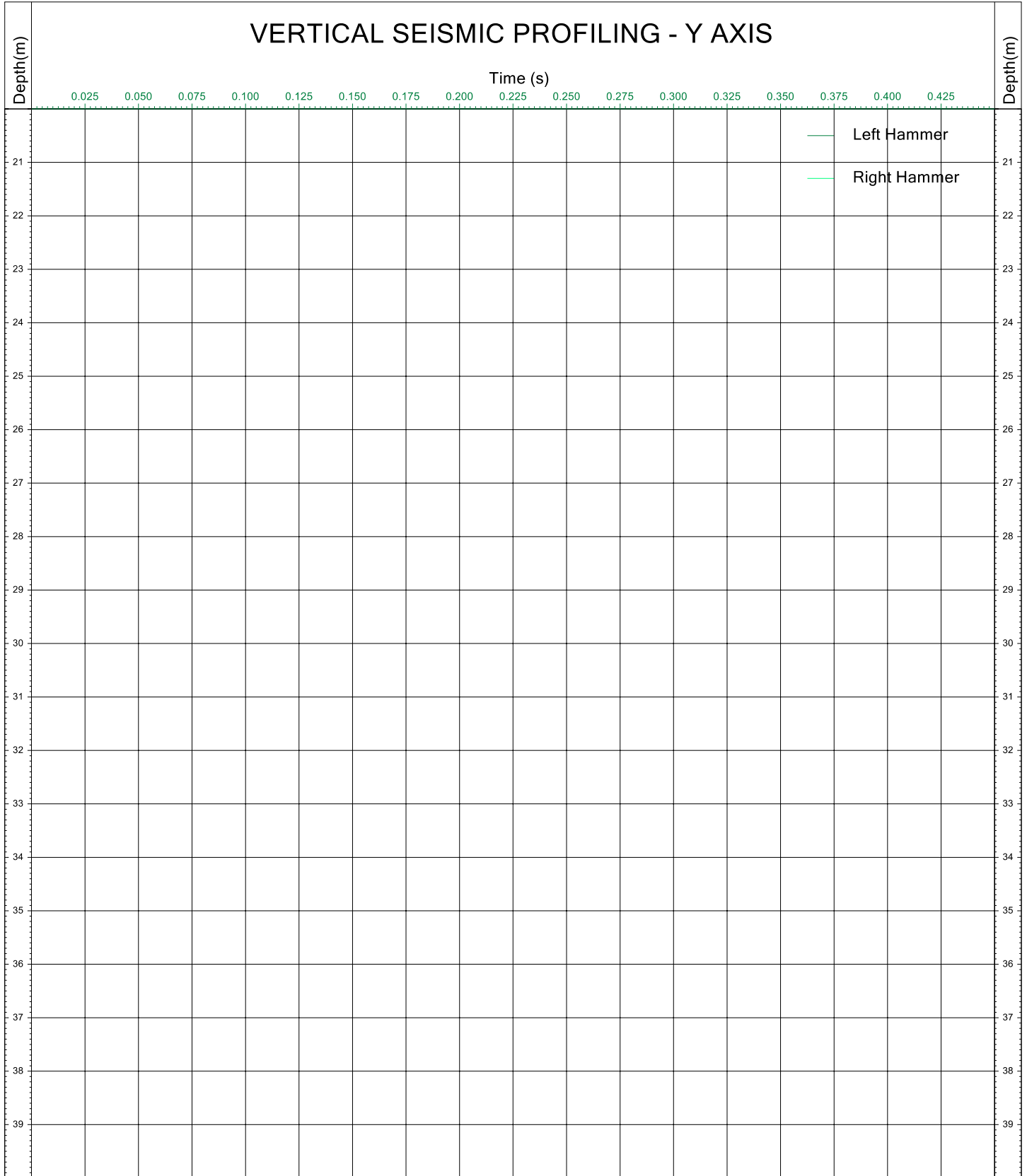
Area	Kattegat Sea	Coordinates (E, N)	670633.3 - 6266454.1	Location		
Contract	11596	Water Depth	30.840 (mMSL)	SCPT19		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	Final 10/06/2021



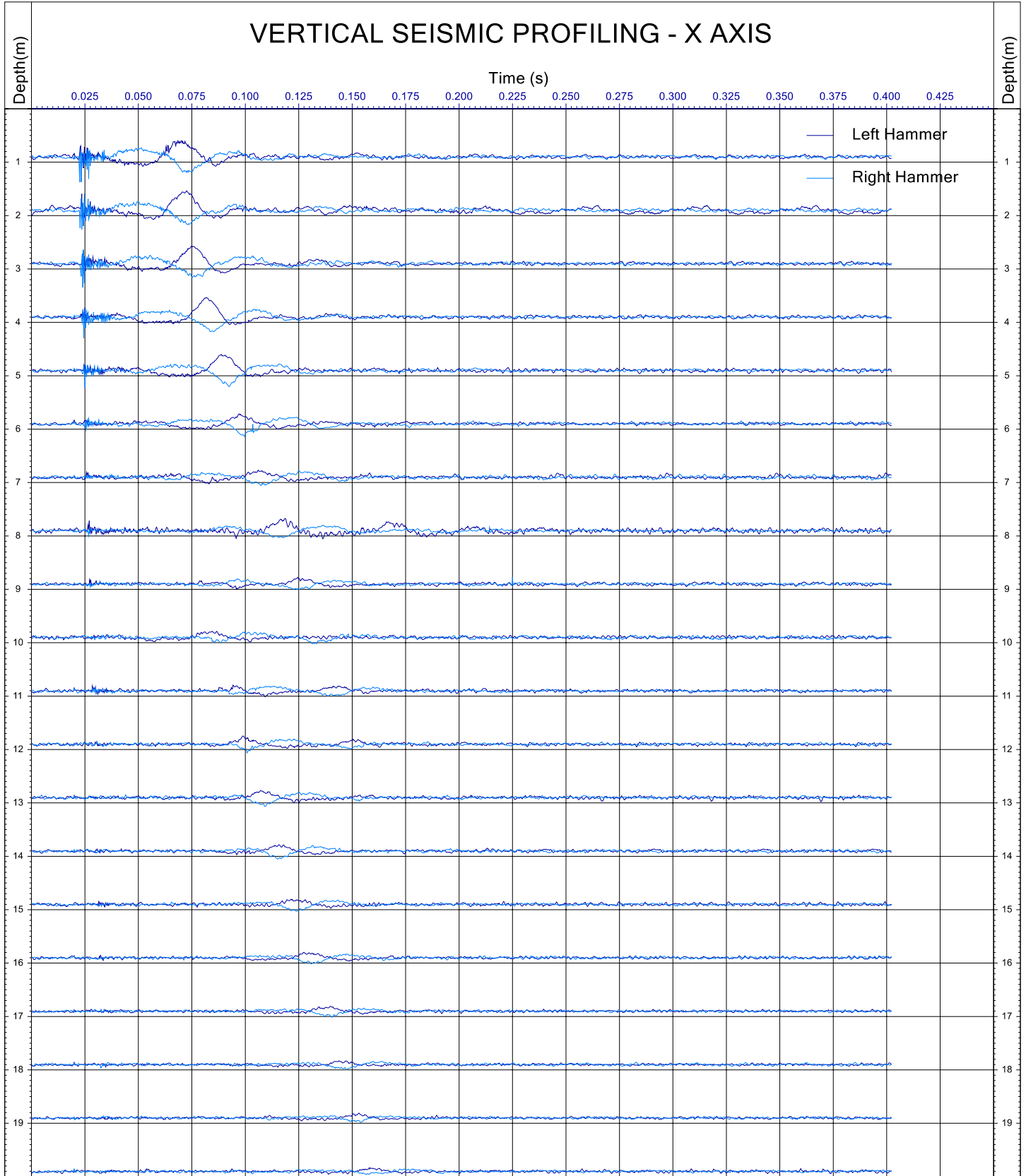
Area	Kattegat Sea	Coordinates (E, N)	670633.3 - 6266454.1	Location		
Contract	11596	Water Depth	30.840 (mMSL)	SCPT19		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



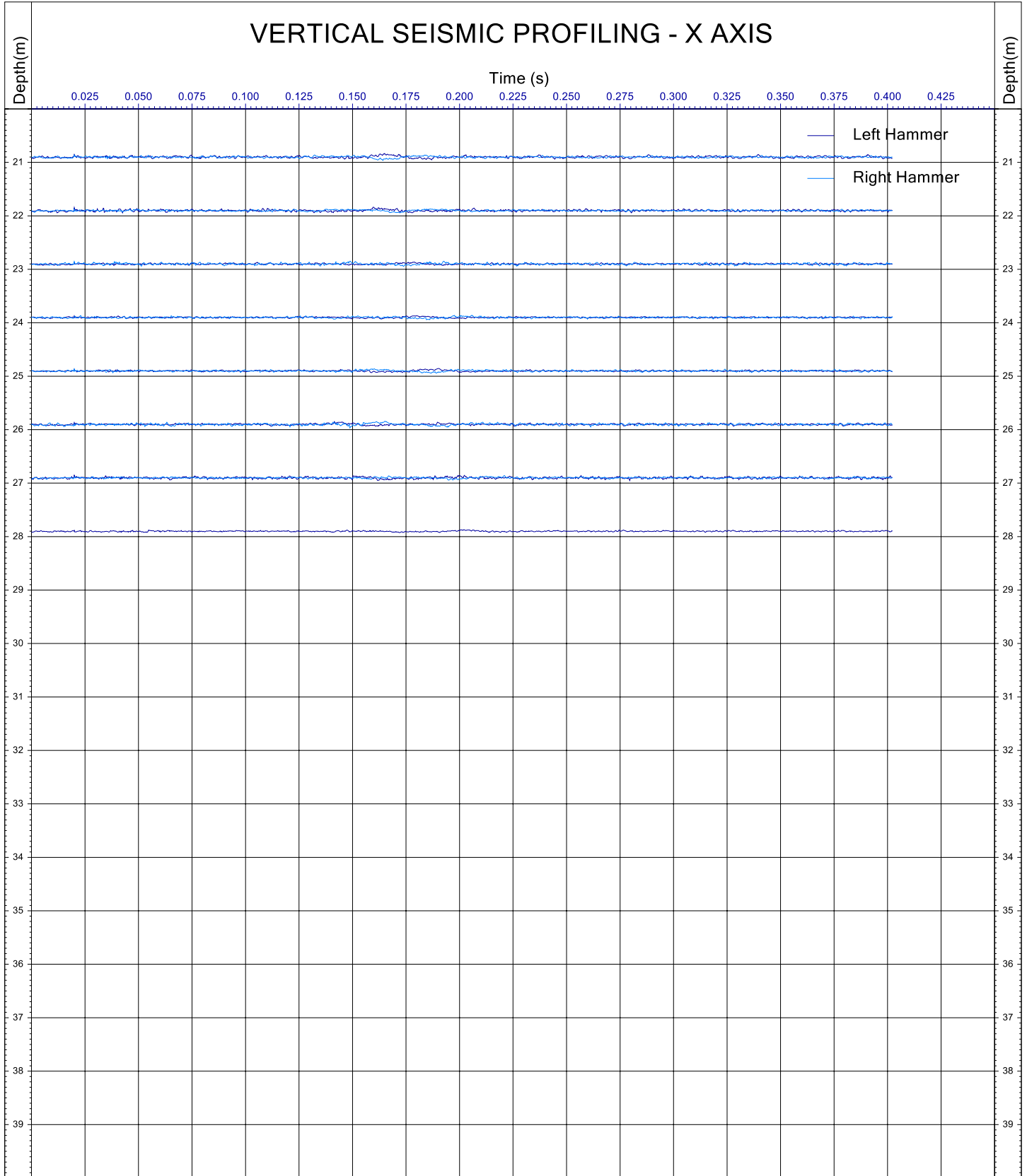
Area	Kattegat Sea	Coordinates (E, N)	670633.3 - 6266454.1	Location		
Contract	11596	Water Depth	30.840 (mMSL)	SCPT19		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	Final 10/06/2021



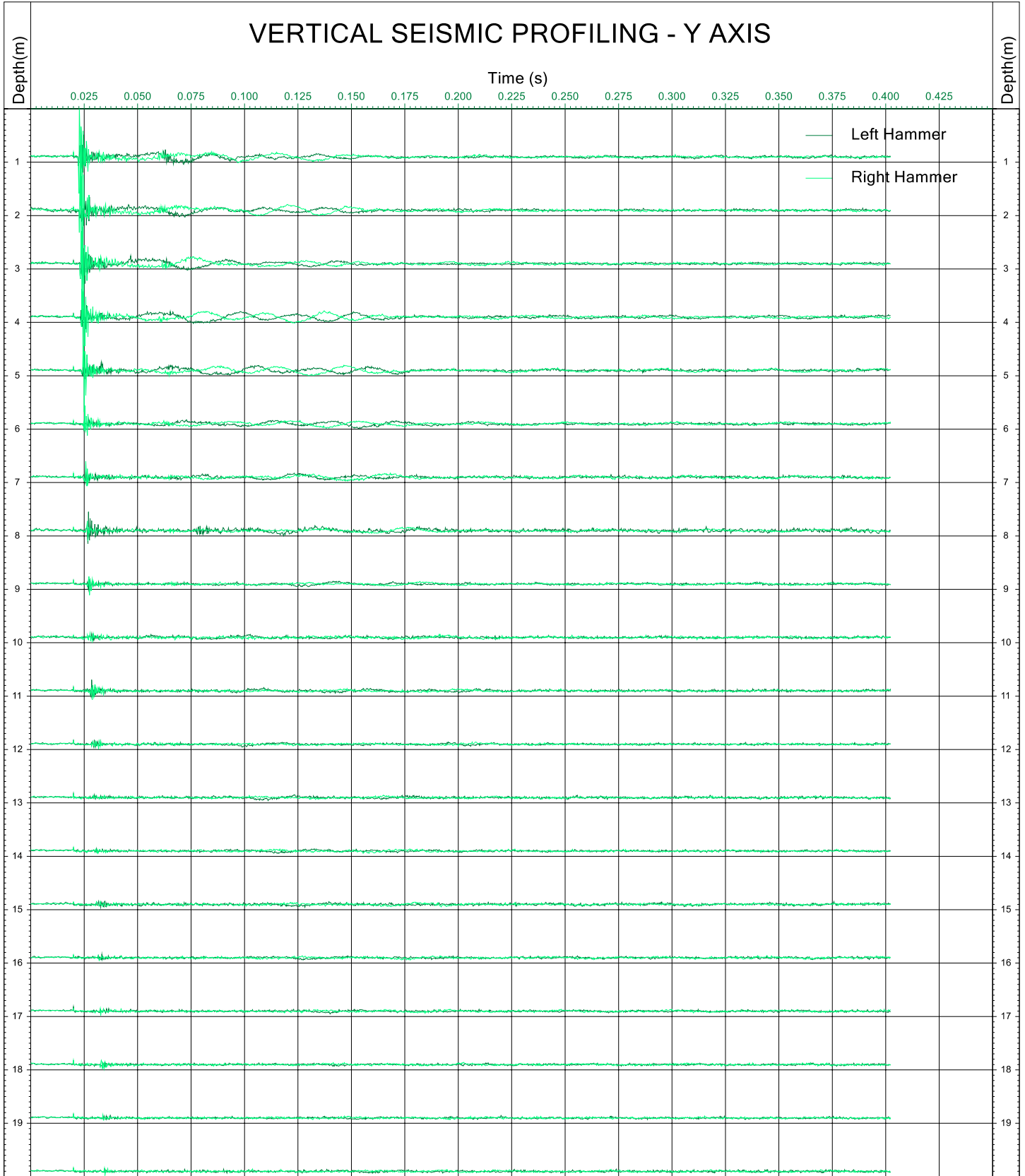
Area	Kattegat Sea	Coordinates (E, N)	670633.3 - 6266454.1	Location		
Contract	11596	Water Depth	30.840 (mMSL)	SCPT19		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



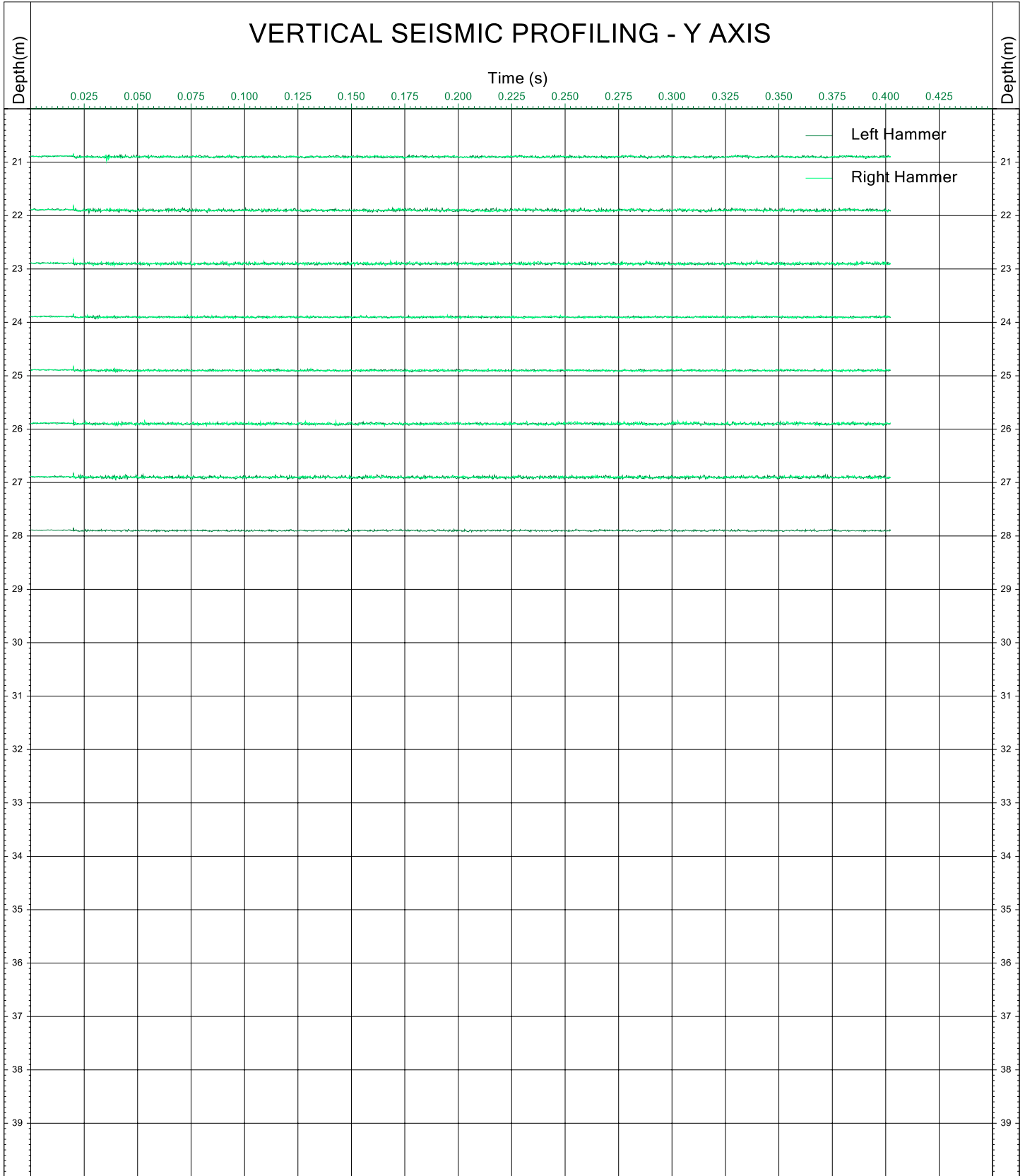
Area	Kattegat Sea	Coordinates (E, N)	677715.3 - 6266260.7	Location		
Contract	11596	Water Depth	32.480 (mMSL)	SCPT21		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	120829 / 0.80	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	Final 10/06/2021



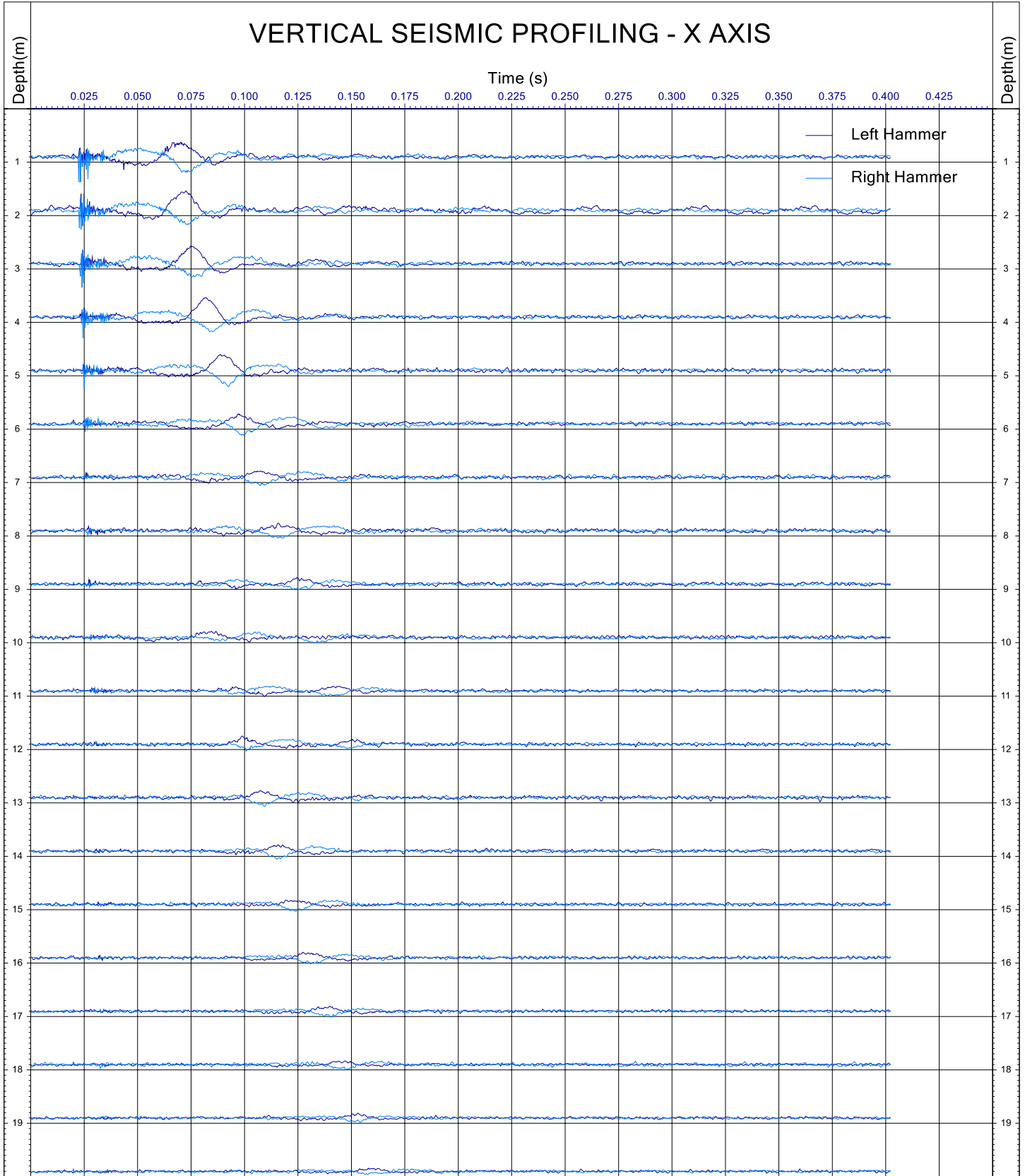
Area	Kattegat Sea	Coordinates (E, N)	677715.3 - 6266260.7	Location		
Contract	11596	Water Depth	32.480 (mMSL)	SCPT21		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	120829 / 0.80	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	Final 10/06/2021



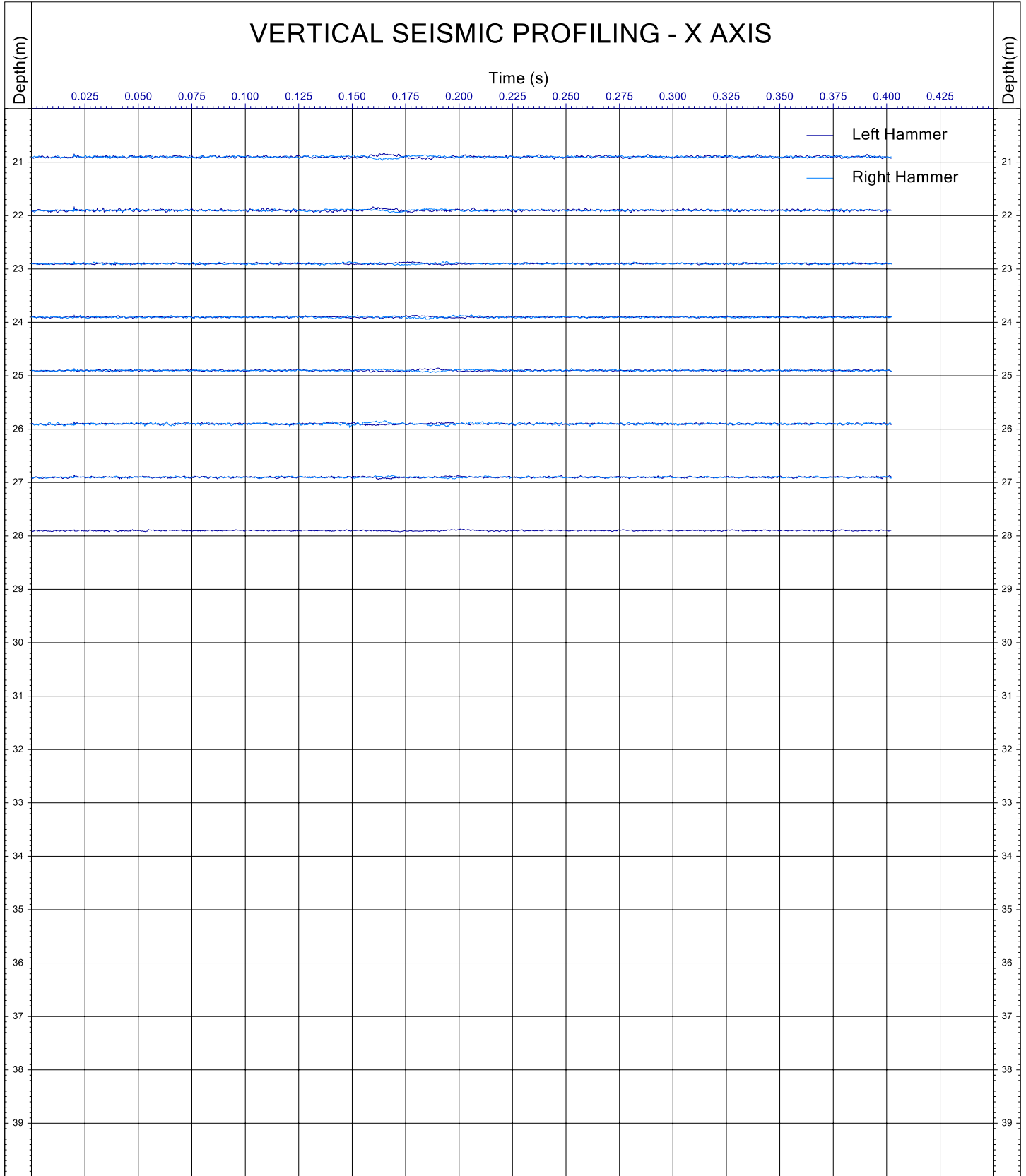
Area	Kattegat Sea	Coordinates (E, N)	677715.3 - 6266260.7	Location		
Contract	11596	Water Depth	32.480 (mMSL)	SCPT21		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	120829 / 0.80	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	Final 10/06/2021



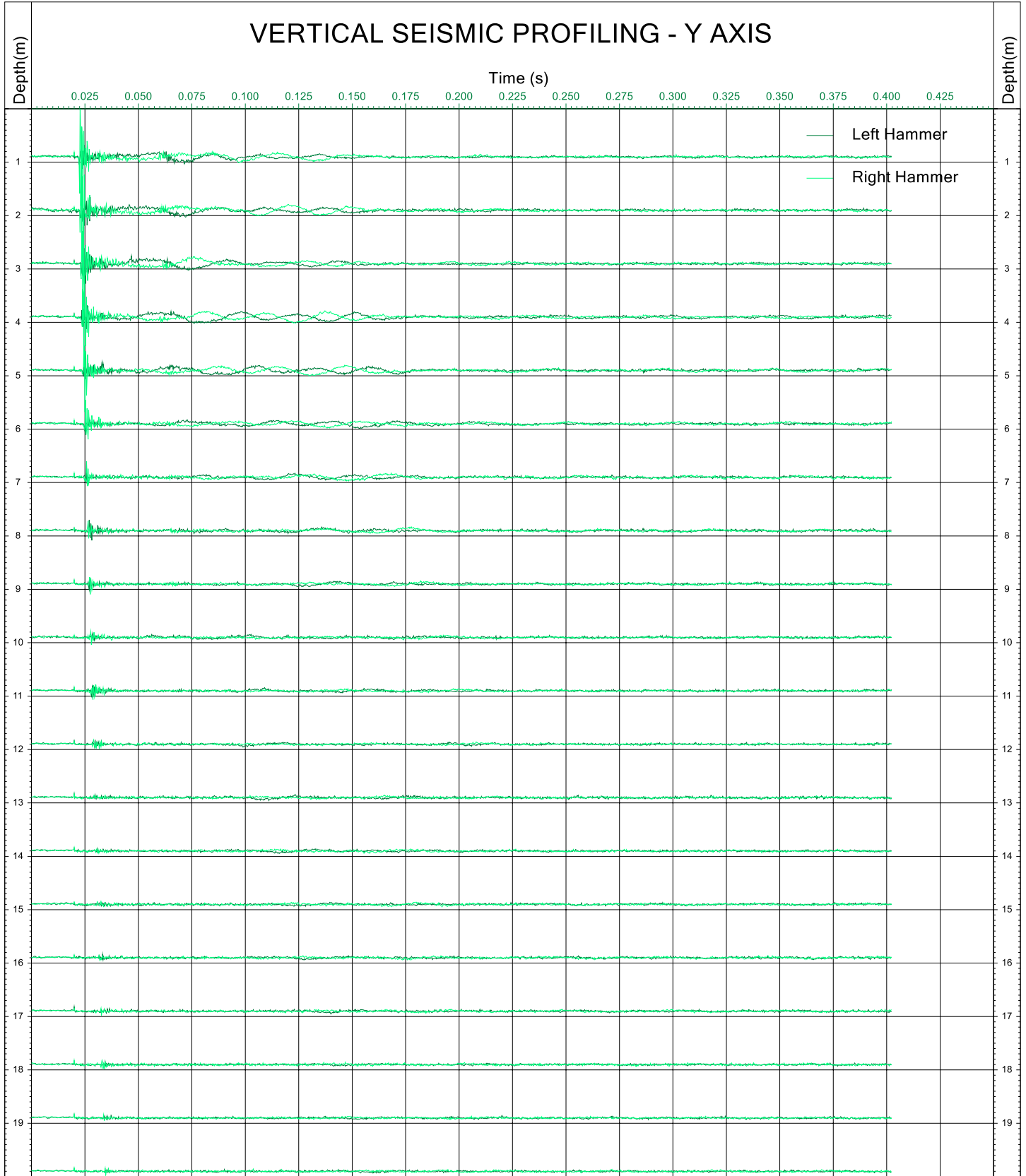
Area	Kattegat Sea	Coordinates (E, N)	677715.3 - 6266260.7	Location		
Contract	11596	Water Depth	32.480 (mMSL)	SCPT21		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	120829 / 0.80	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	Final 10/06/2021



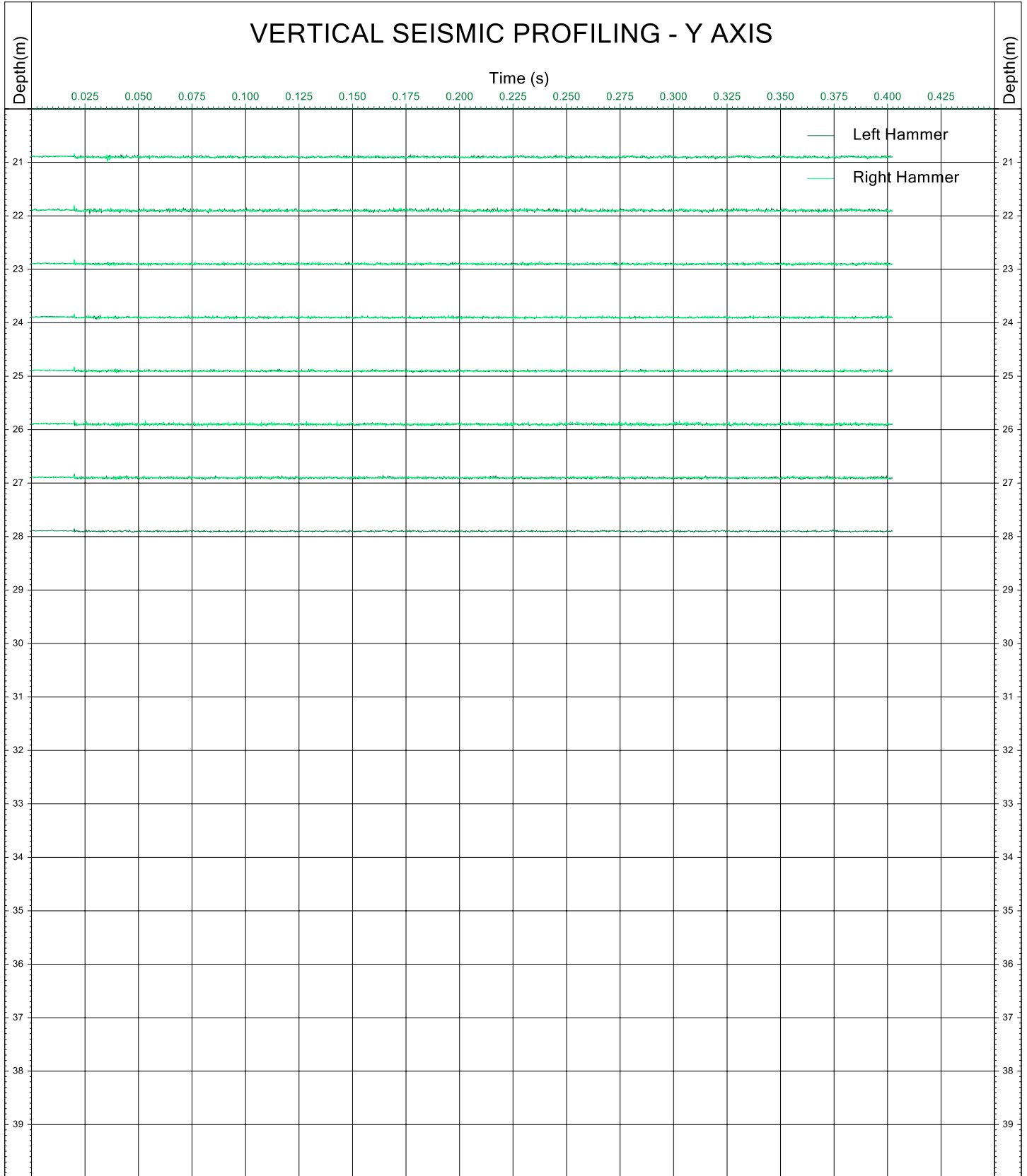
Area	Kattegat Sea	Coordinates (E, N)	676059.4 - 6274402.9	Location		
Contract	11596	Water Depth	31.160 (mMSL)	SCPT24		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high. Please note the derived data has been removed where seismic testing was conducted.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 03/05/2021	DR 10/06/2021	Final 10/06/2021



Area	Kattegat Sea	Coordinates (E, N)	676059.4 - 6274402.9	Location		
Contract	11596	Water Depth	31.160 (mMSL)	SCPT24		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high. Please note the derived data has been removed where seismic testing was conducted.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 03/05/2021	DR 10/06/2021	Final 10/06/2021

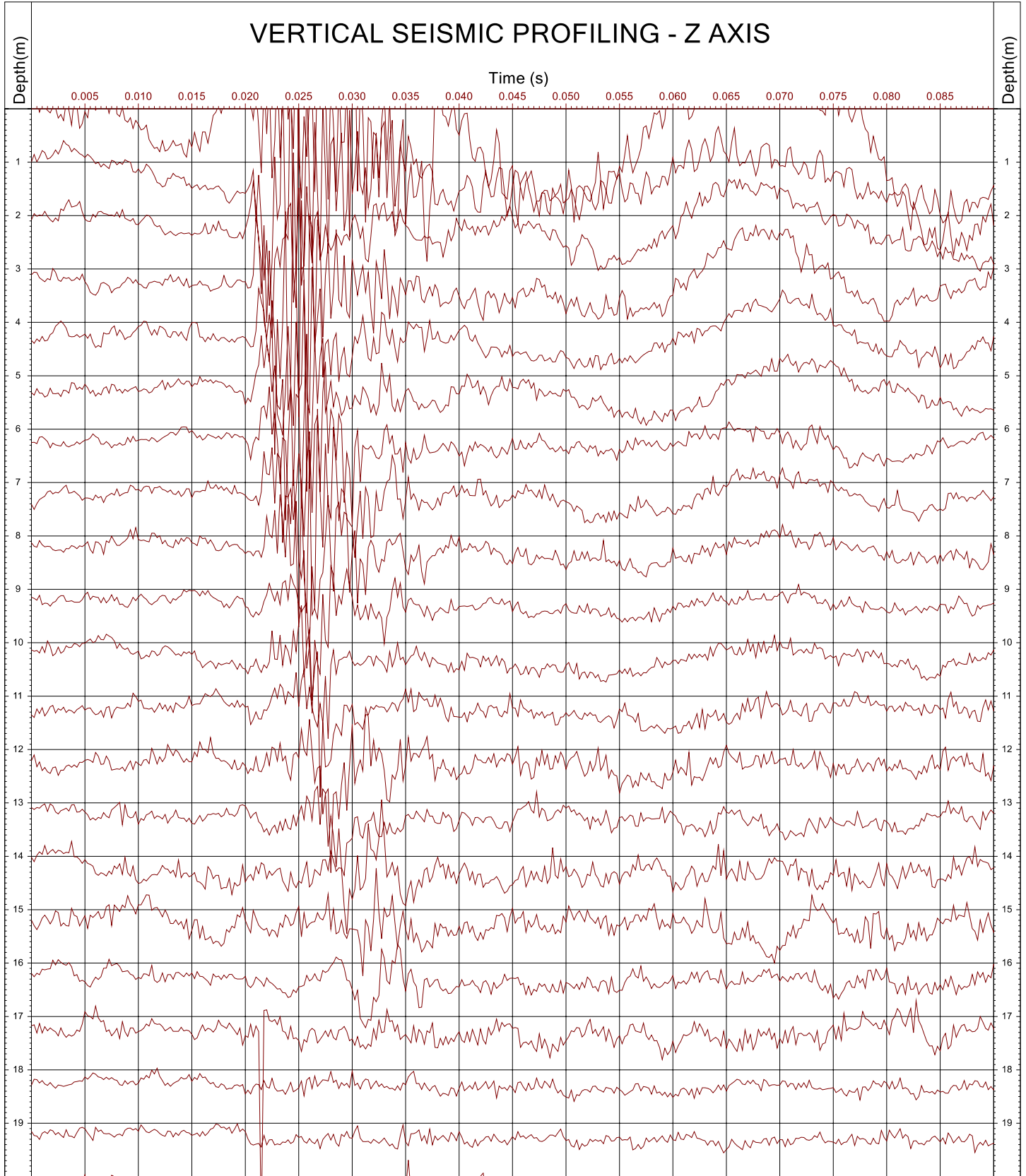


Area	Kattegat Sea	Coordinates (E, N)	676059.4 - 6274402.9	Location		
Contract	11596	Water Depth	31.160 (mMSL)	SCPT24		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high. Please note the derived data has been removed where seismic testing was conducted.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 03/05/2021	DR 10/06/2021	Final 10/06/2021



Area	Kattegat Sea	Coordinates (E, N)	676059.4 - 6274402.9	Location		
Contract	11596	Water Depth	31.160 (mMSL)	SCPT24		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high. Please note the derived data has been removed where seismic testing was conducted.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 03/05/2021	DR 10/06/2021	Final 10/06/2021

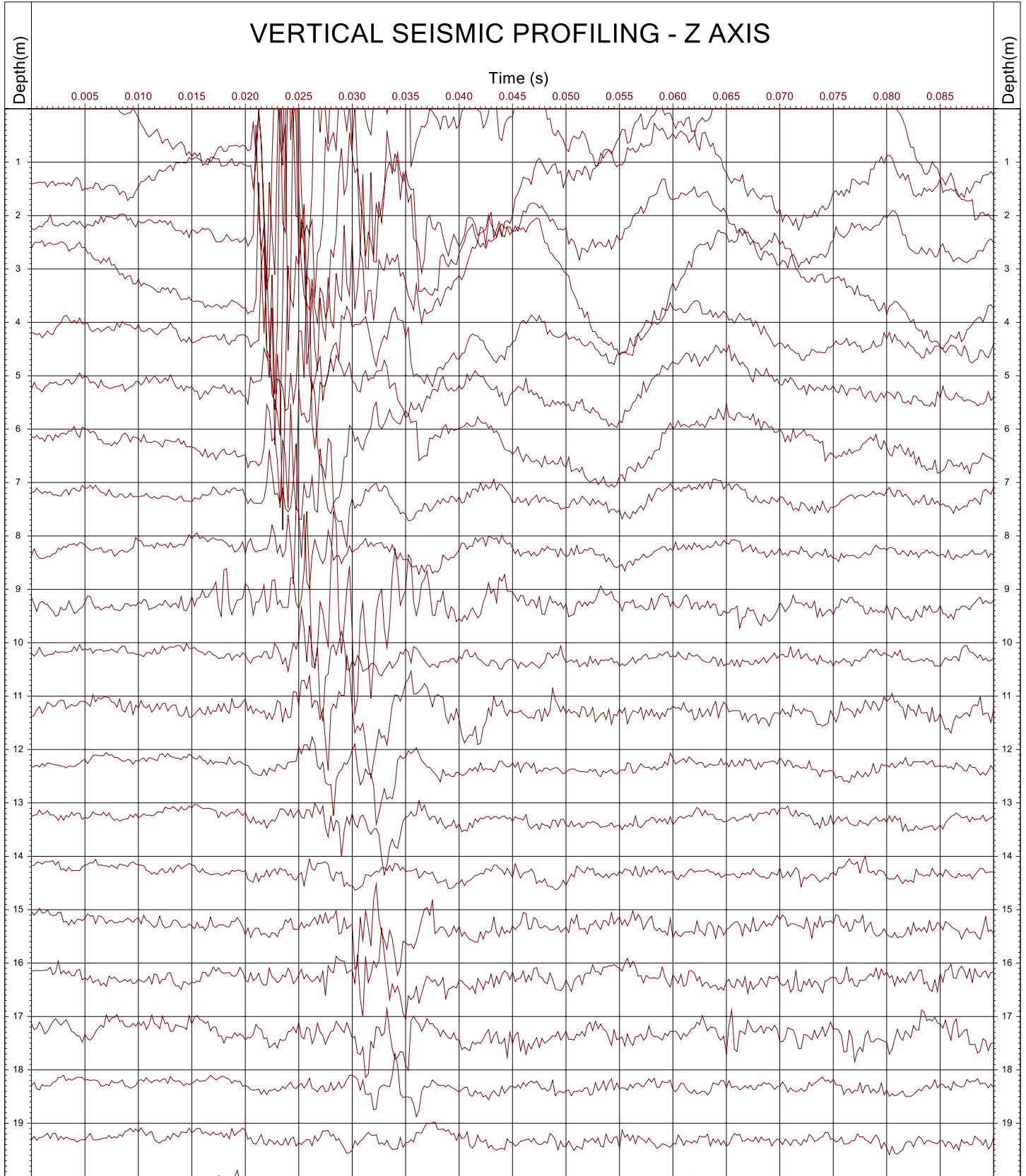
5.2 SCPTU P-Wave Traces



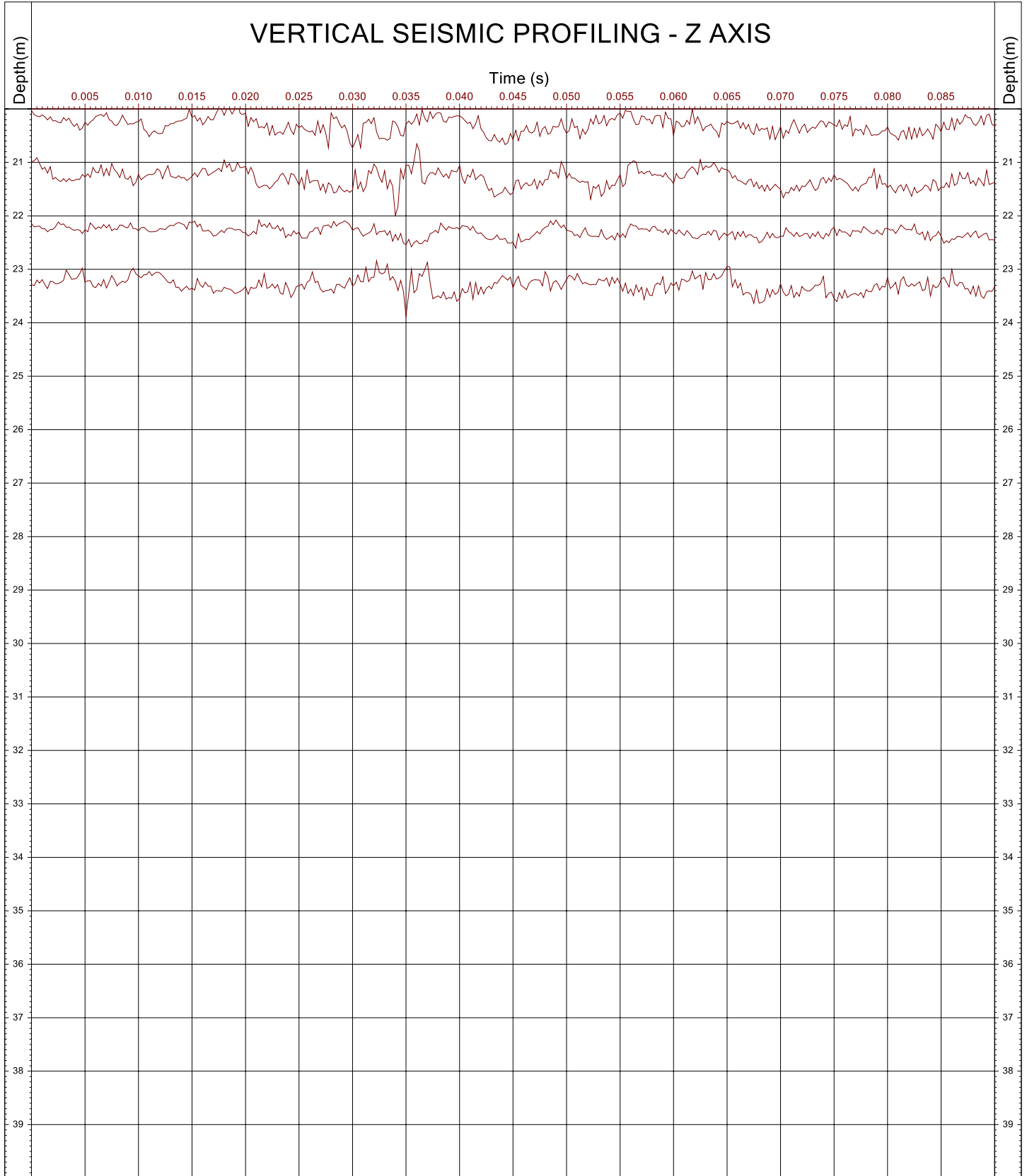
Area	Kattegat Sea	Coordinates (E, N)	681923.4 - 6249306.6	Location		
Contract	11596	Water Depth	31.710 (mMSL)	SCPT1a		
Client Name	Energinet Eltransmission A/S	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 08/05/2021	DR 10/06/2021	10/06/2021



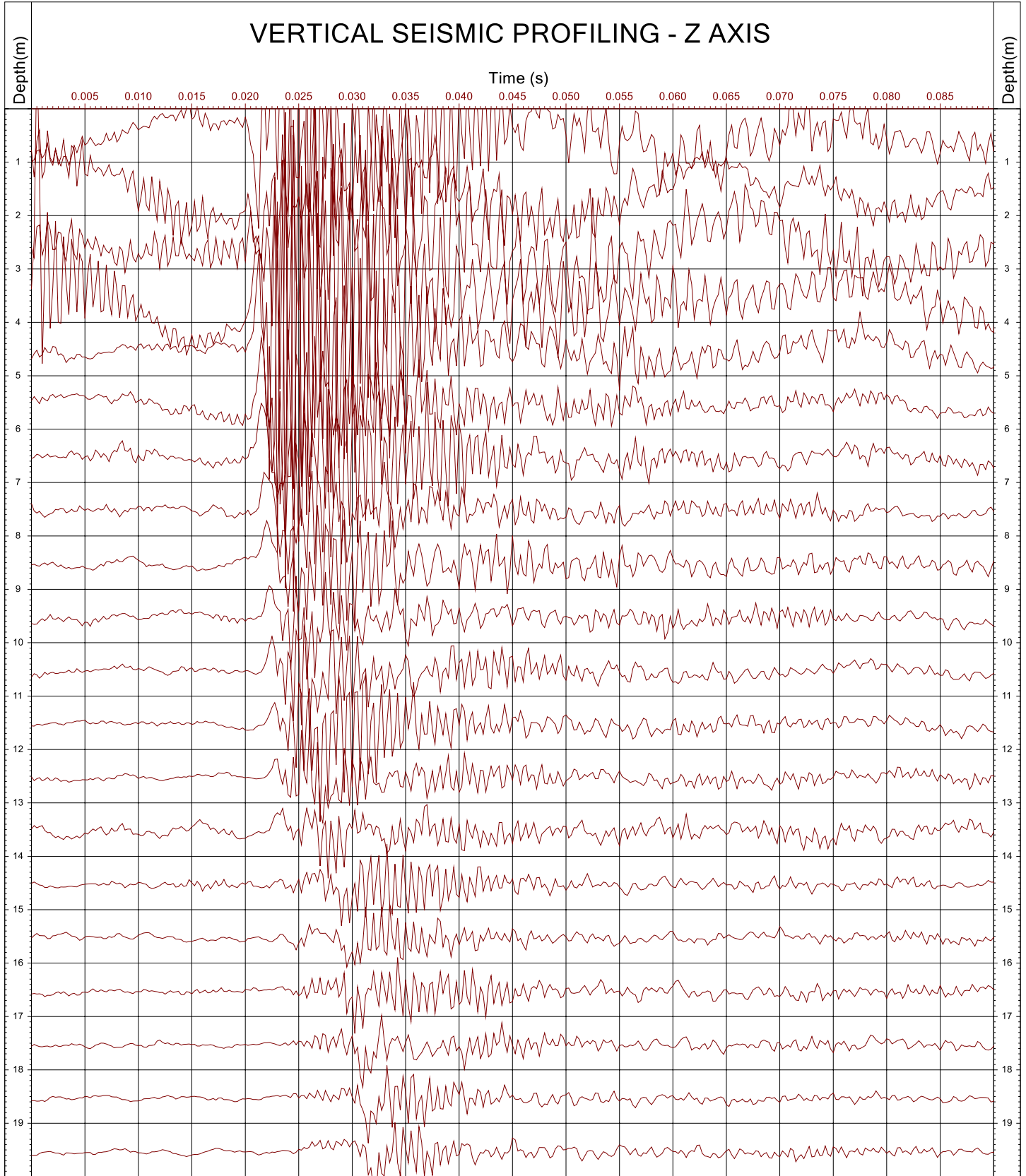
Area	Kattegat Sea	Coordinates (E, N)	681923.4 - 6249306.6	Location		
Contract	11596	Water Depth	31.710 (mMSL)	SCPT1a		
Client Name	Energinet Eltransmission A/S	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 08/05/2021	DR 10/06/2021	10/06/2021



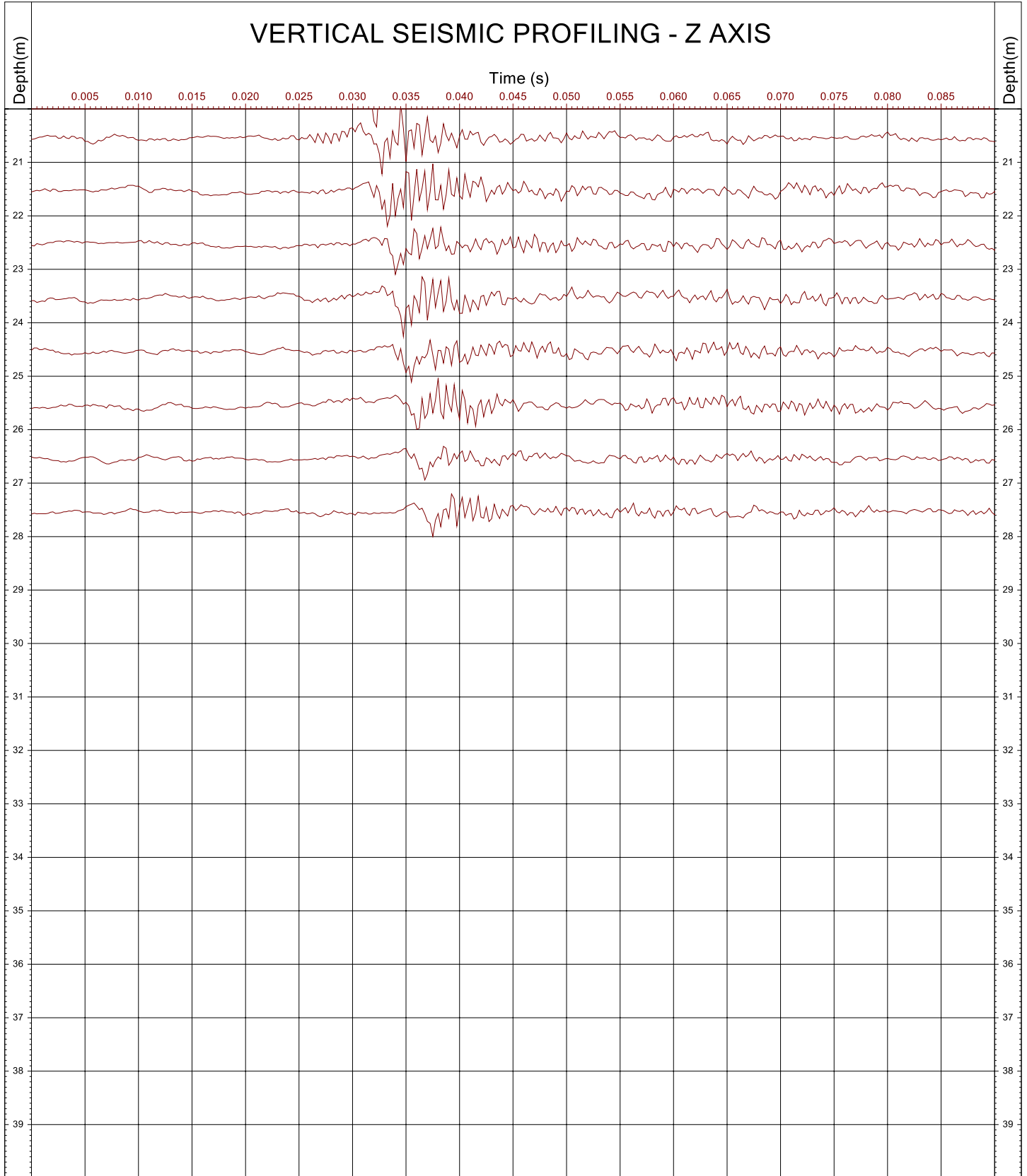
Area	Kattegat Sea	Coordinates (E, N)	673302.0 - 6252306.8	Location		
Contract	11596	Water Depth	28.800 (mMSL)	SCPT2		
Client Name	Energinet Eltransmission A/S	Date of Test	04/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



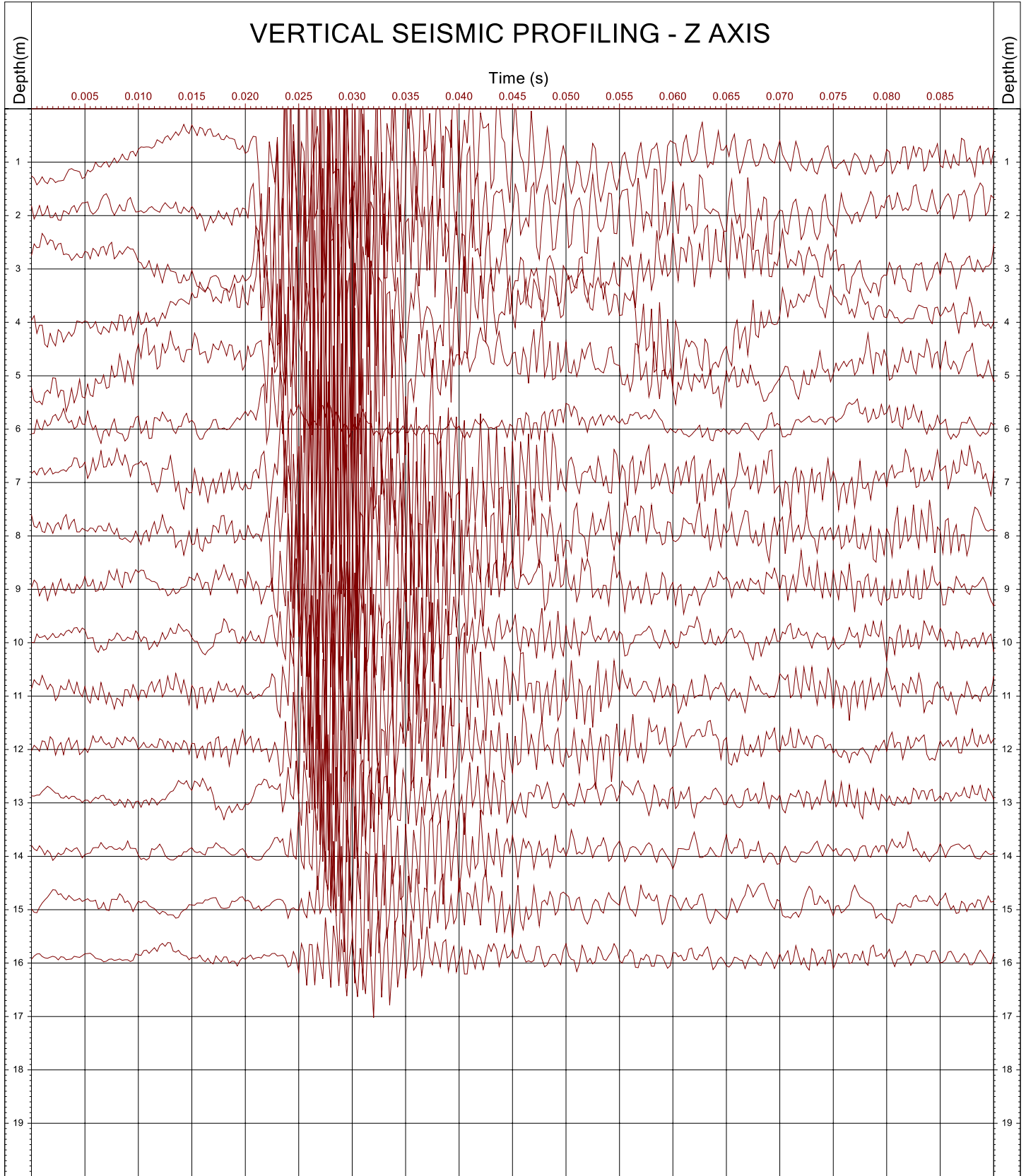
Area	Kattegat Sea	Coordinates (E, N)	673302.0 - 6252306.8	Location		
Contract	11596	Water Depth	28.800 (mMSL)	SCPT2		
Client Name	Energinet Eltransmission A/S	Date of Test	04/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



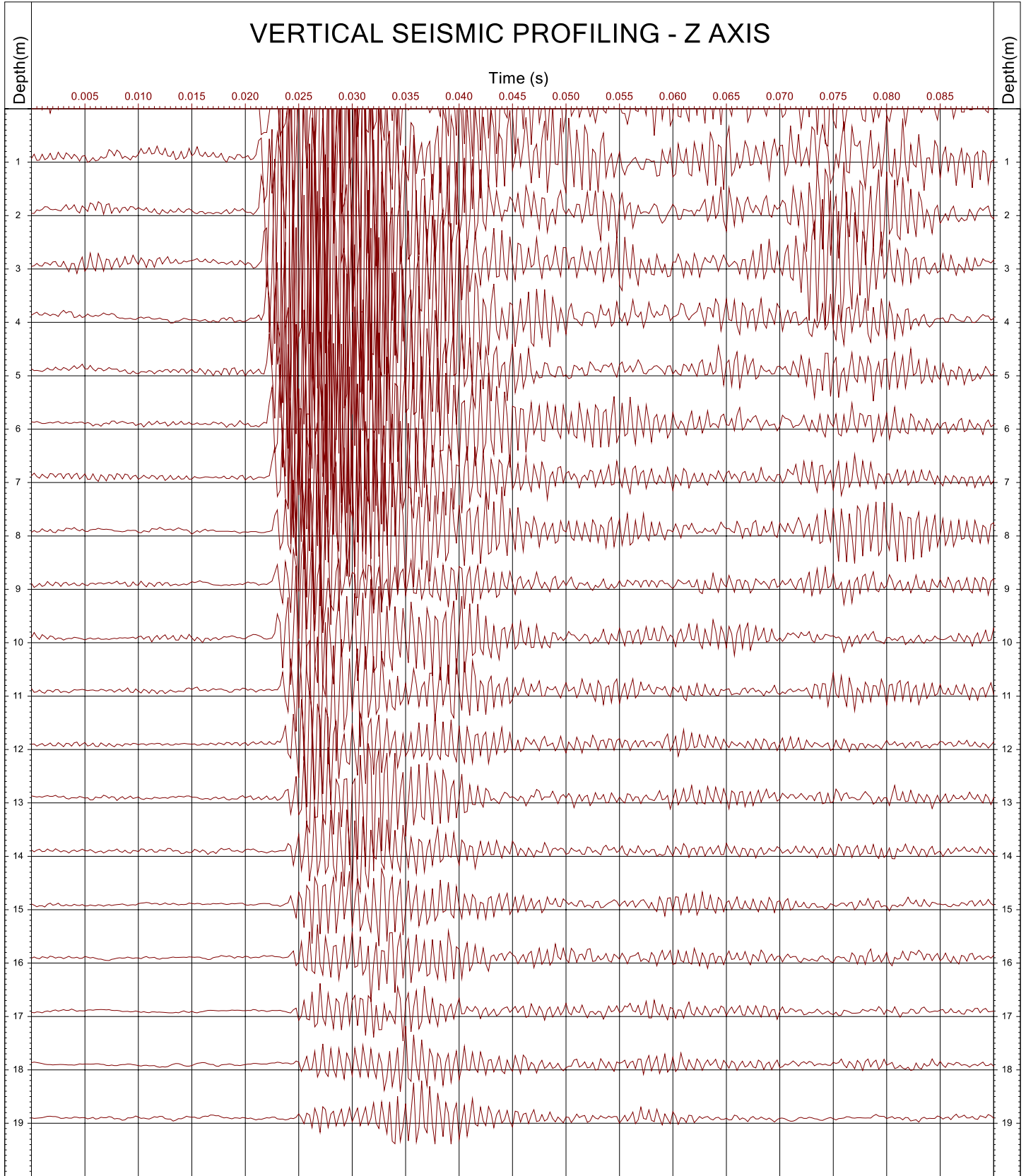
Area	Kattegat Sea	Coordinates (E, N)	665881.4 - 6256363.1	Location		
Contract	11596	Water Depth	27.690 (mMSL)	SCPT5		
Client Name	Energinet Eltransmission A/S	Date of Test	06/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	191114 / 0.76	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



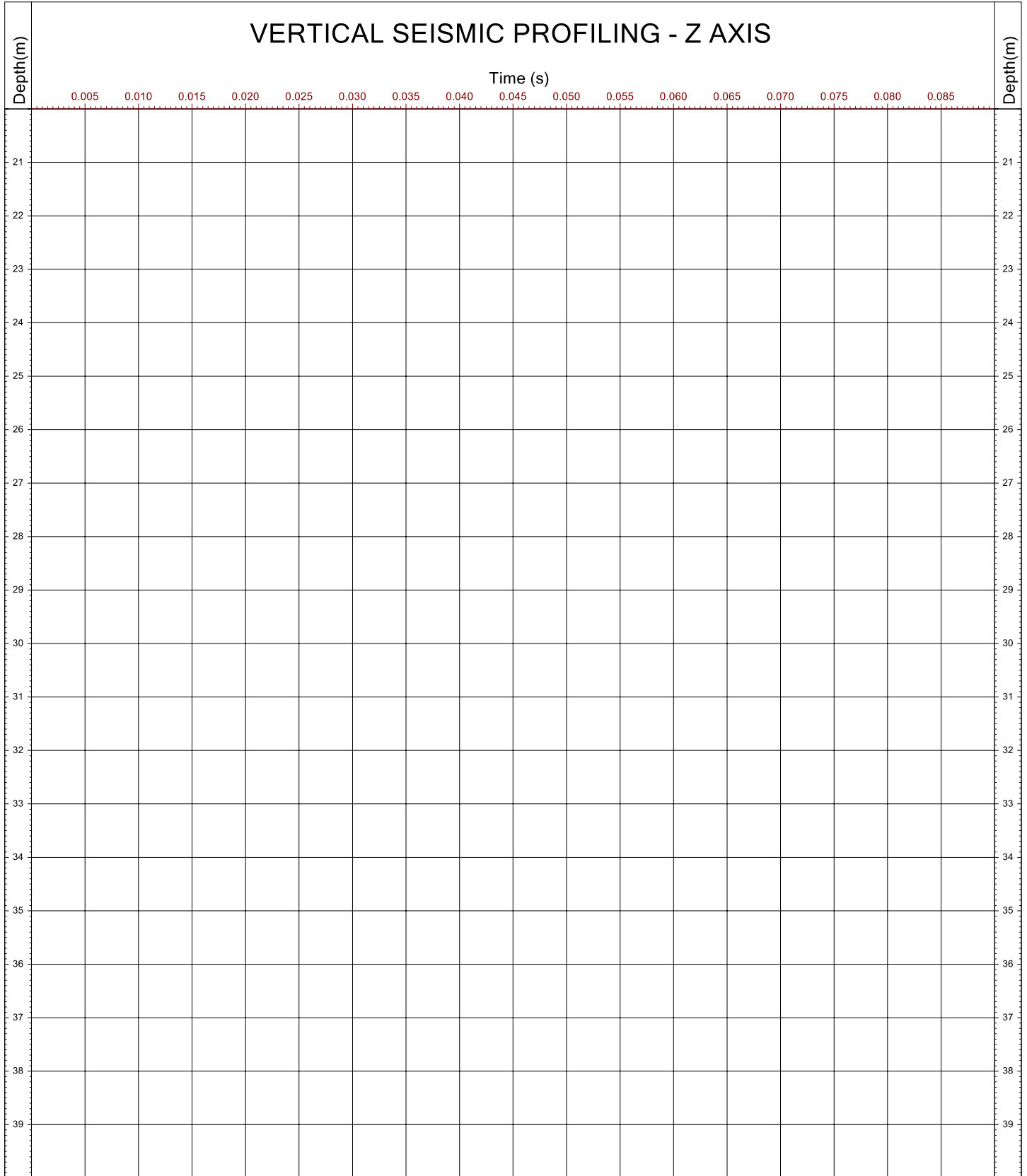
Area	Kattegat Sea	Coordinates (E, N)	665881.4 - 6256363.1	Location		
Contract	11596	Water Depth	27.690 (mMSL)	SCPT5		
Client Name	Energinet Eltransmission A/S	Date of Test	06/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	191114 / 0.76	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



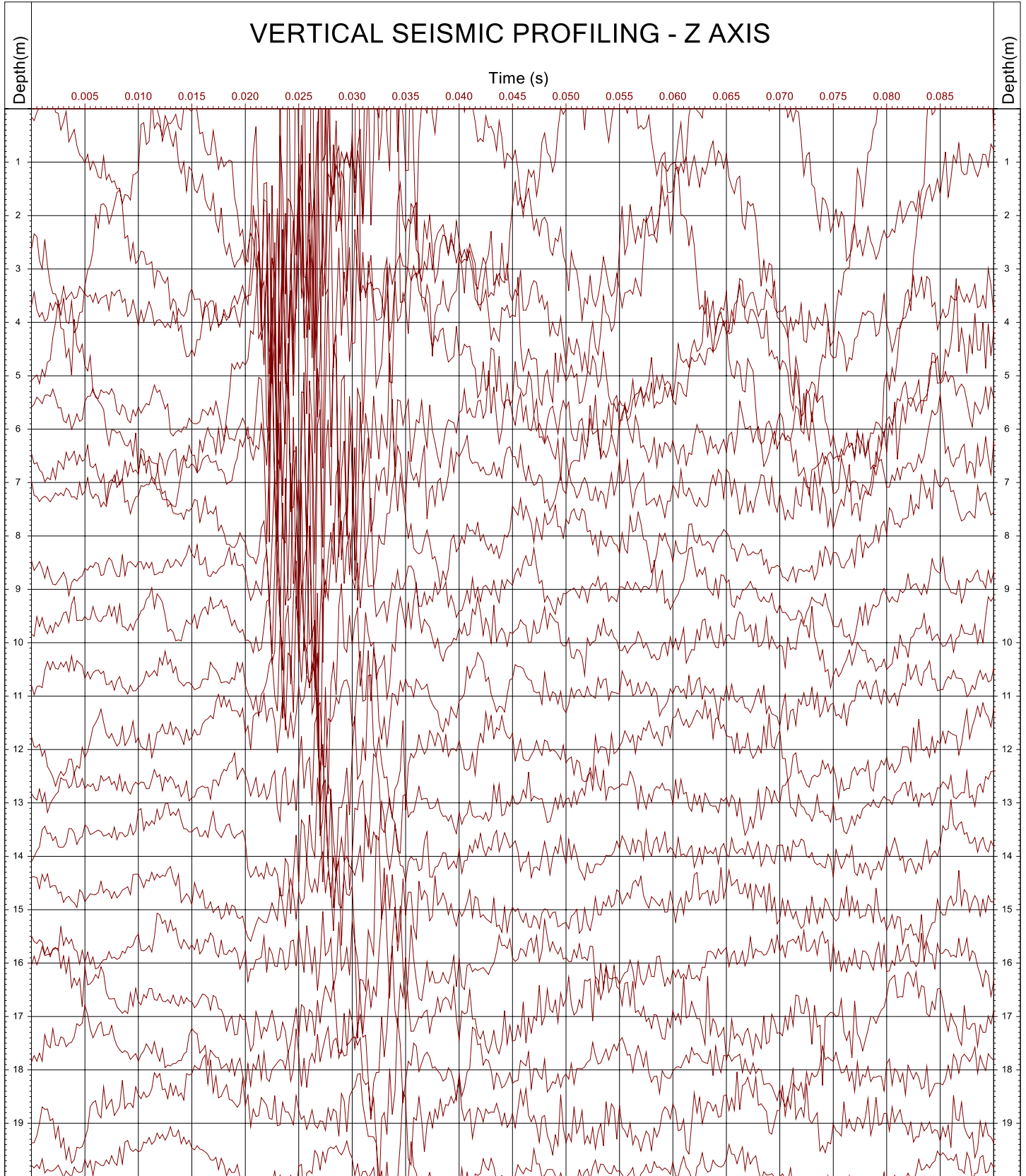
Area	Kattegat Sea	Coordinates (E, N)	675126.2 - 6262391.1	Location		
Contract	11596	Water Depth	31.810 (mMSL)	SCPT17		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	081208 / 0.78	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



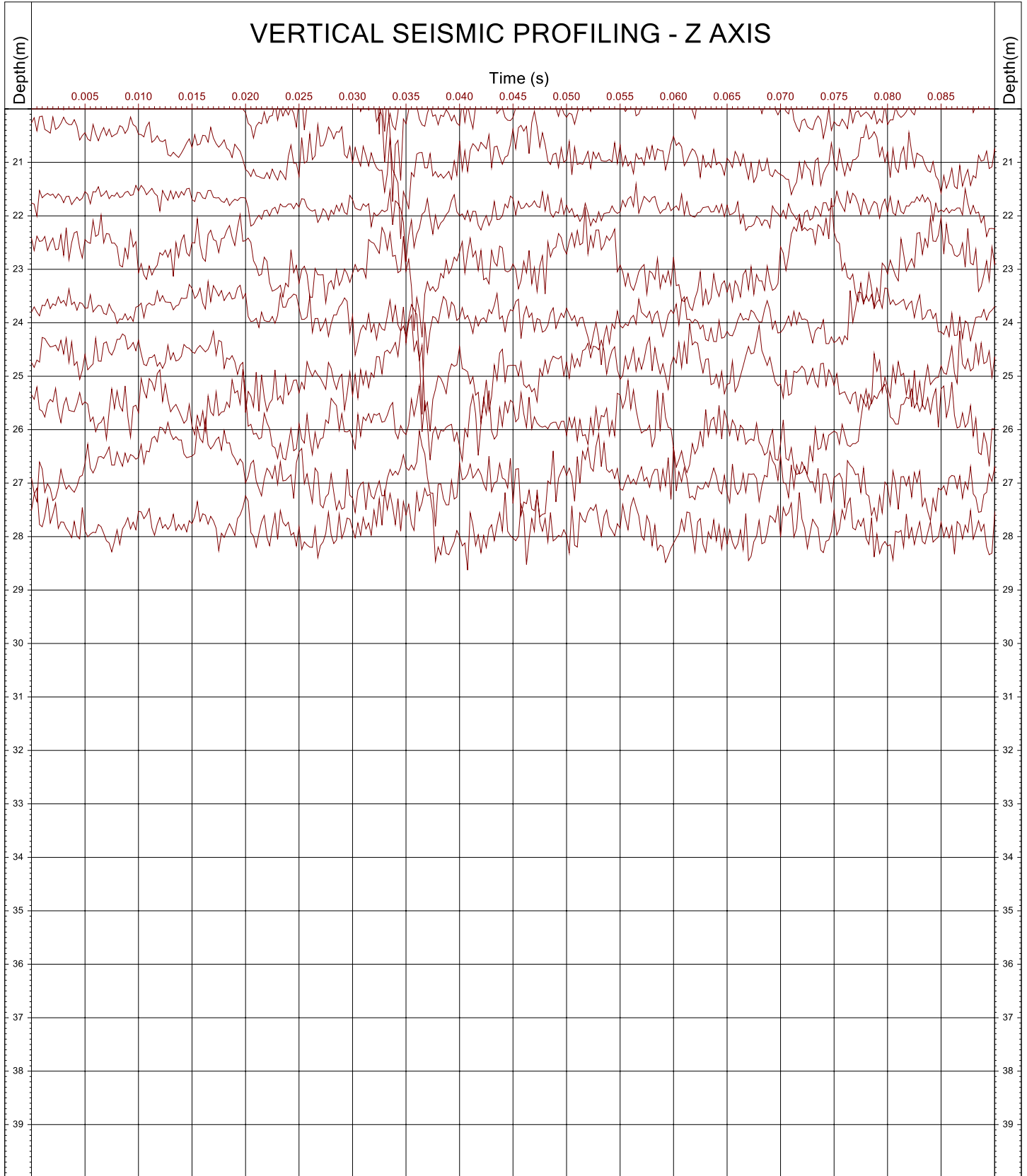
Area	Kattegat Sea	Coordinates (E, N)	670633.3 - 6266454.1	Location		
Contract	11596	Water Depth	30.840 (mMSL)	SCPT19		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



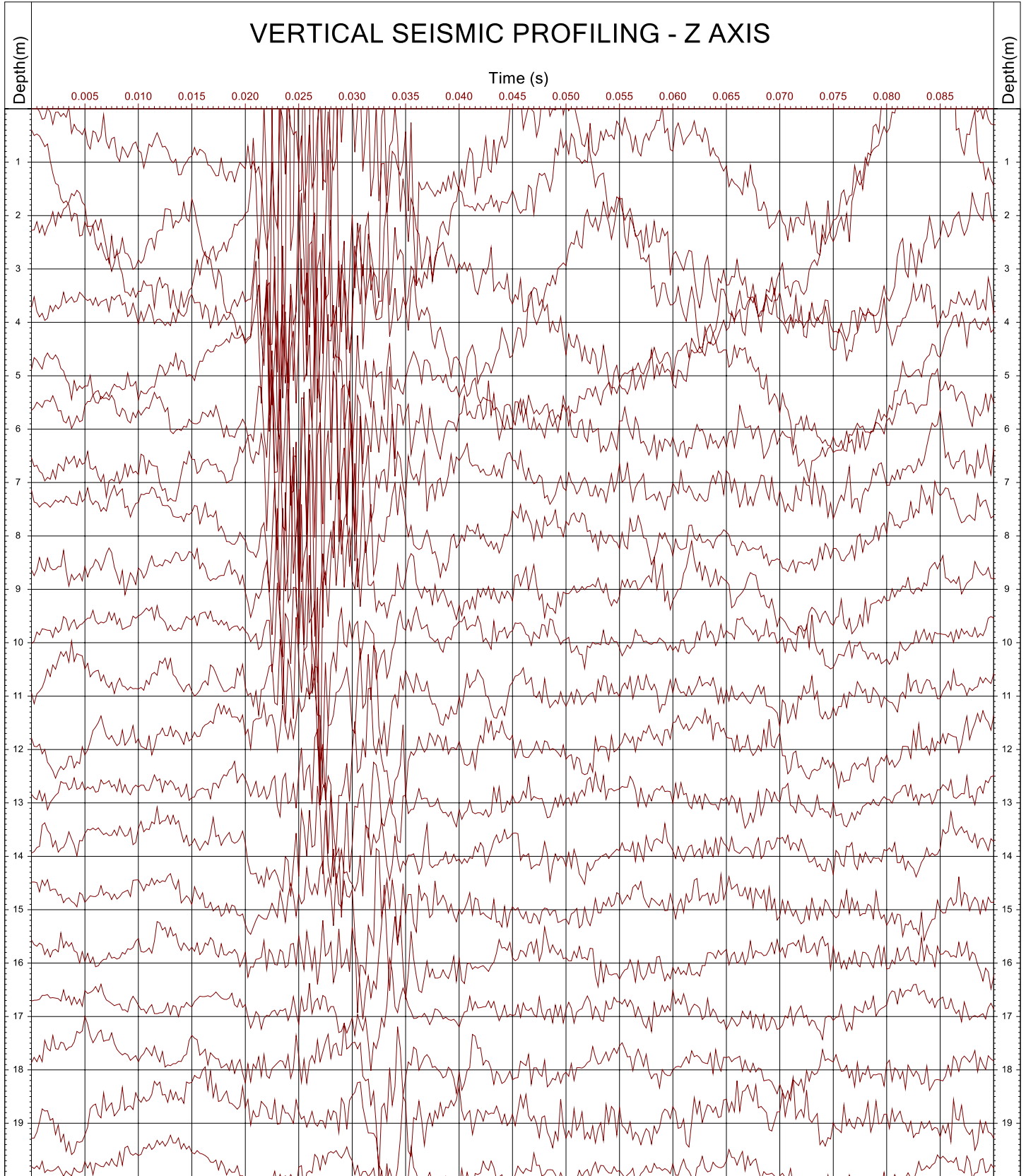
Area	Kattegat Sea	Coordinates (E, N)	670633.3 - 6266454.1	Location		
Contract	11596	Water Depth	30.840 (mMSL)	SCPT19		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



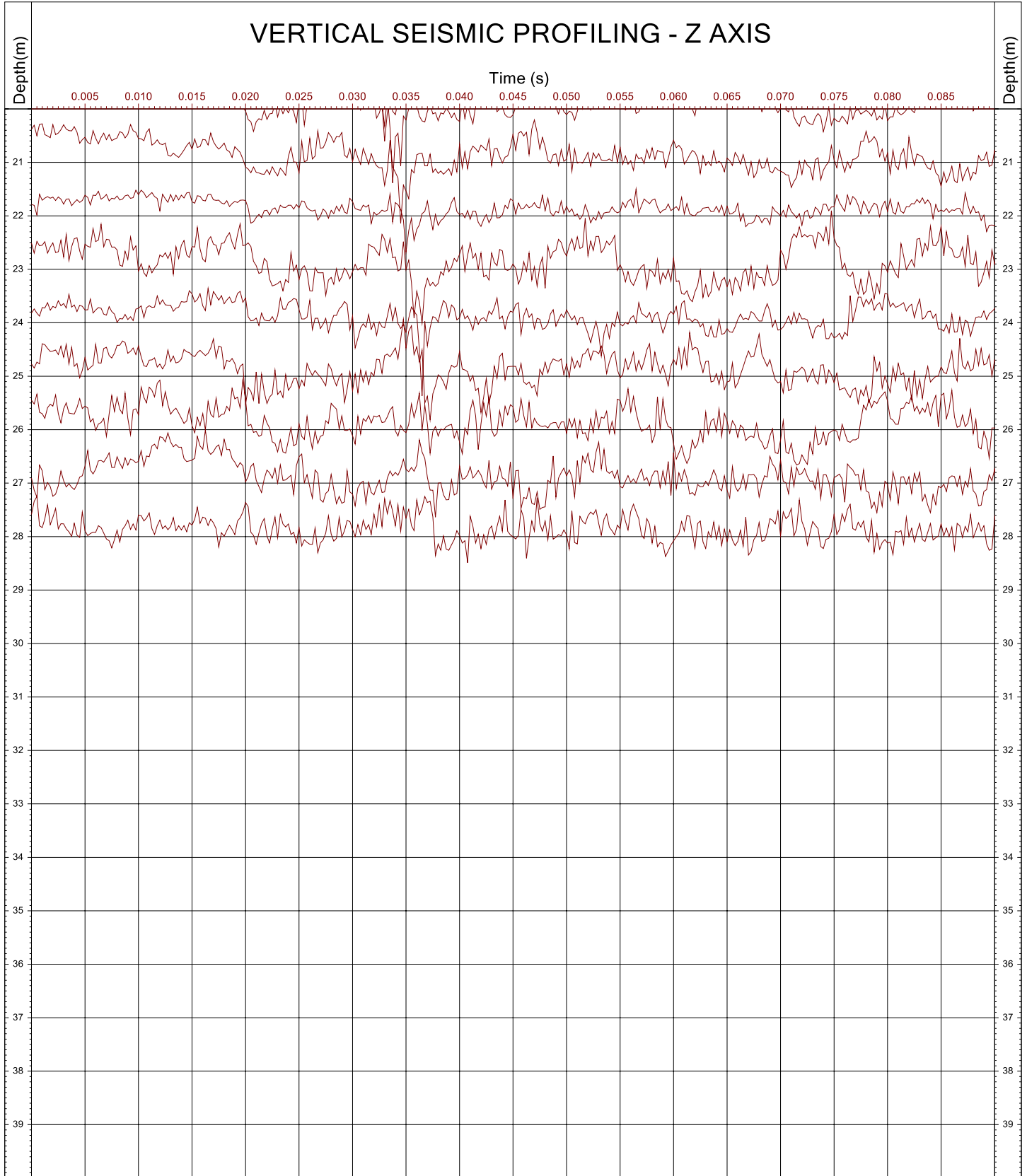
Area	Kattegat Sea	Coordinates (E, N)	677715.3 - 6266260.7	Location		
Contract	11596	Water Depth	32.480 (mMSL)	SCPT21		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	120829 / 0.80	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



Area	Kattegat Sea	Coordinates (E, N)	677715.3 - 6266260.7	Location		
Contract	11596	Water Depth	32.480 (mMSL)	SCPT21		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	120829 / 0.80	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021

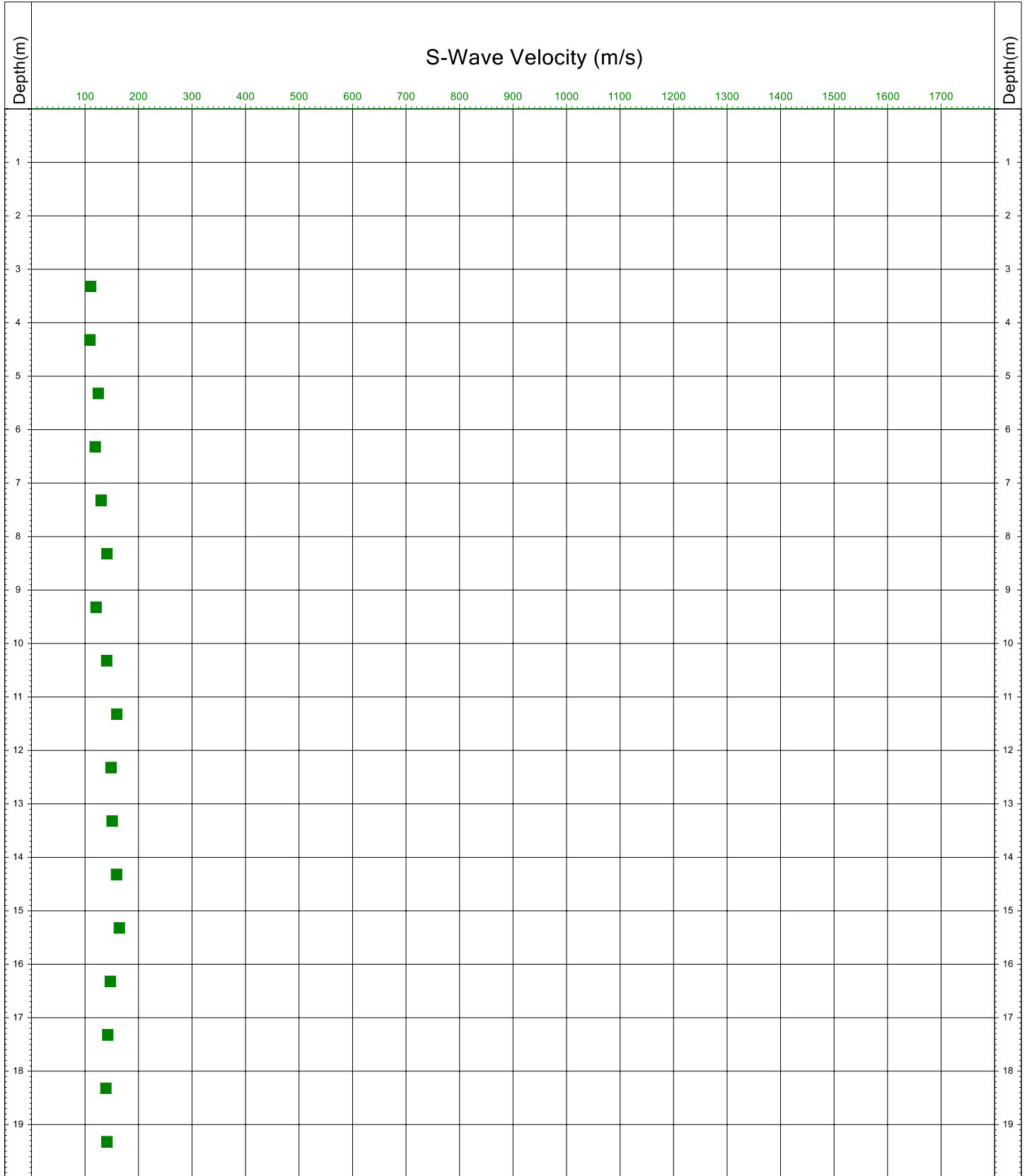


Area	Kattegat Sea	Coordinates (E, N)	676059.4 - 6274402.9	Location		
Contract	11596	Water Depth	31.160 (mMSL)	SCPT24		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high. Please note the derived data has been removed where seismic testing was conducted.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 03/05/2021	DR 10/06/2021	10/06/2021

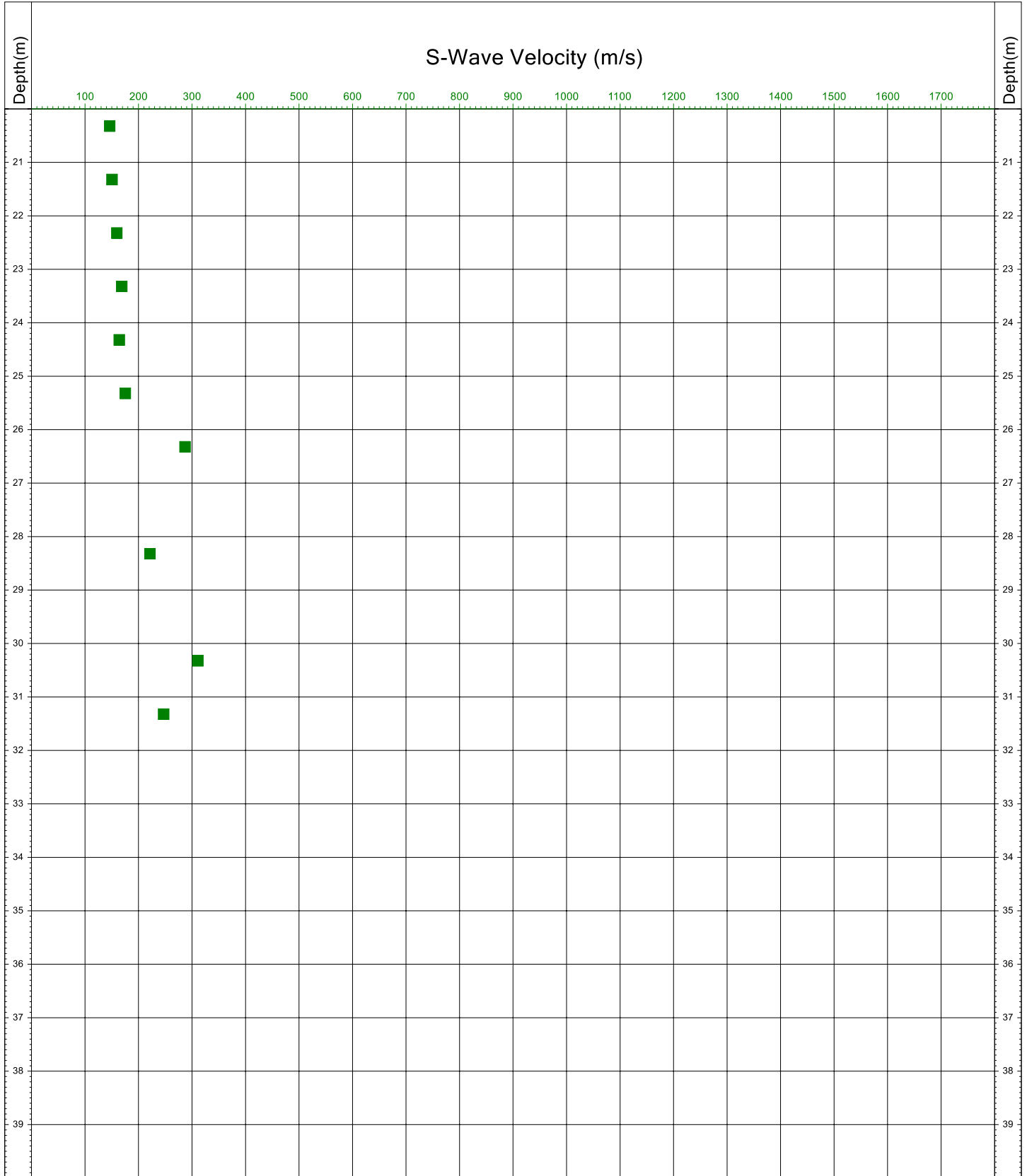


Area	Kattegat Sea	Coordinates (E, N)	676059.4 - 6274402.9	Location		
Contract	11596	Water Depth	31.160 (mMSL)	SCPT24		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high. Please note the derived data has been removed where seismic testing was conducted.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 03/05/2021	DR 10/06/2021	10/06/2021

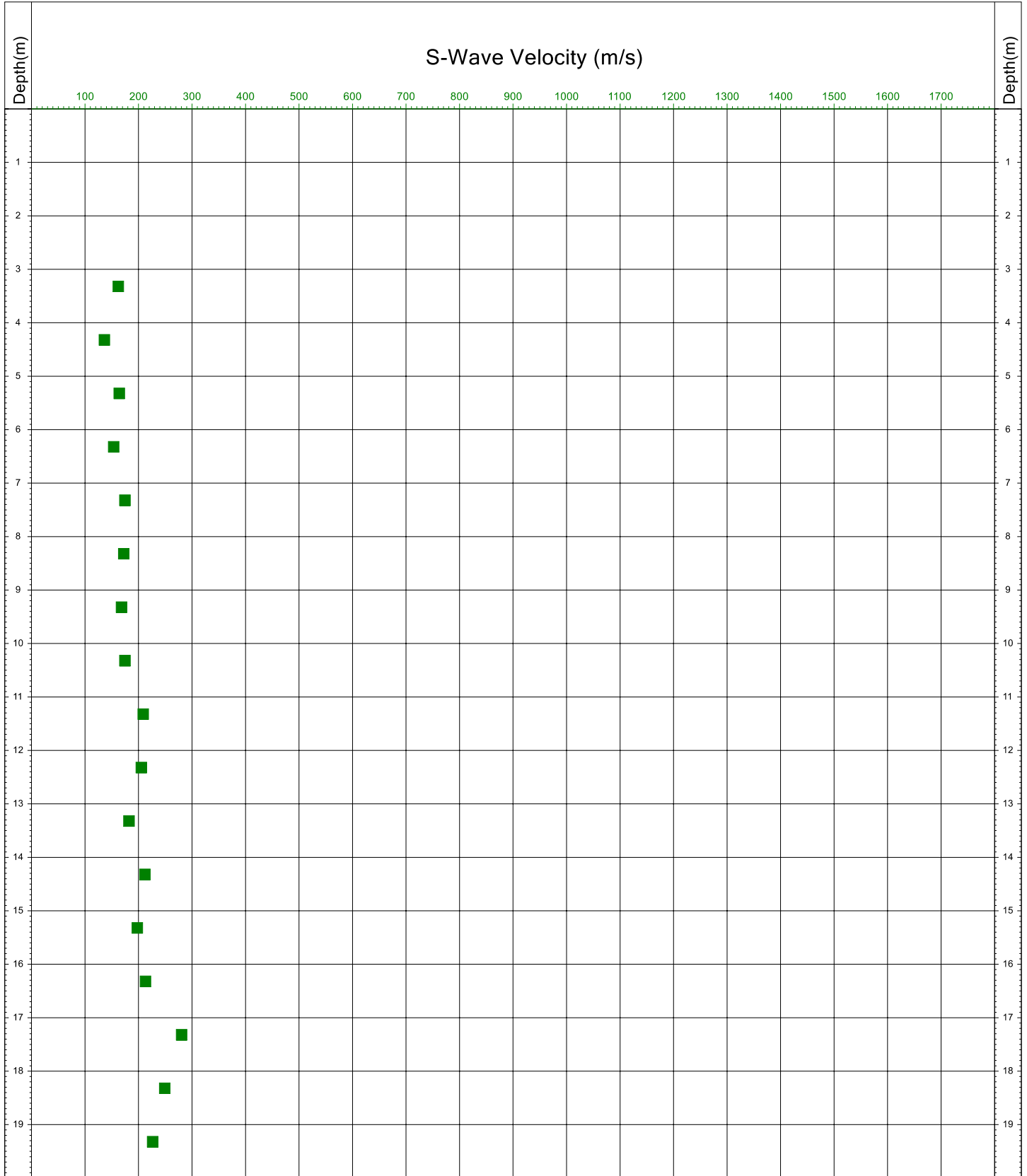
5.3 SCPTU S-Wave Velocity Profiles



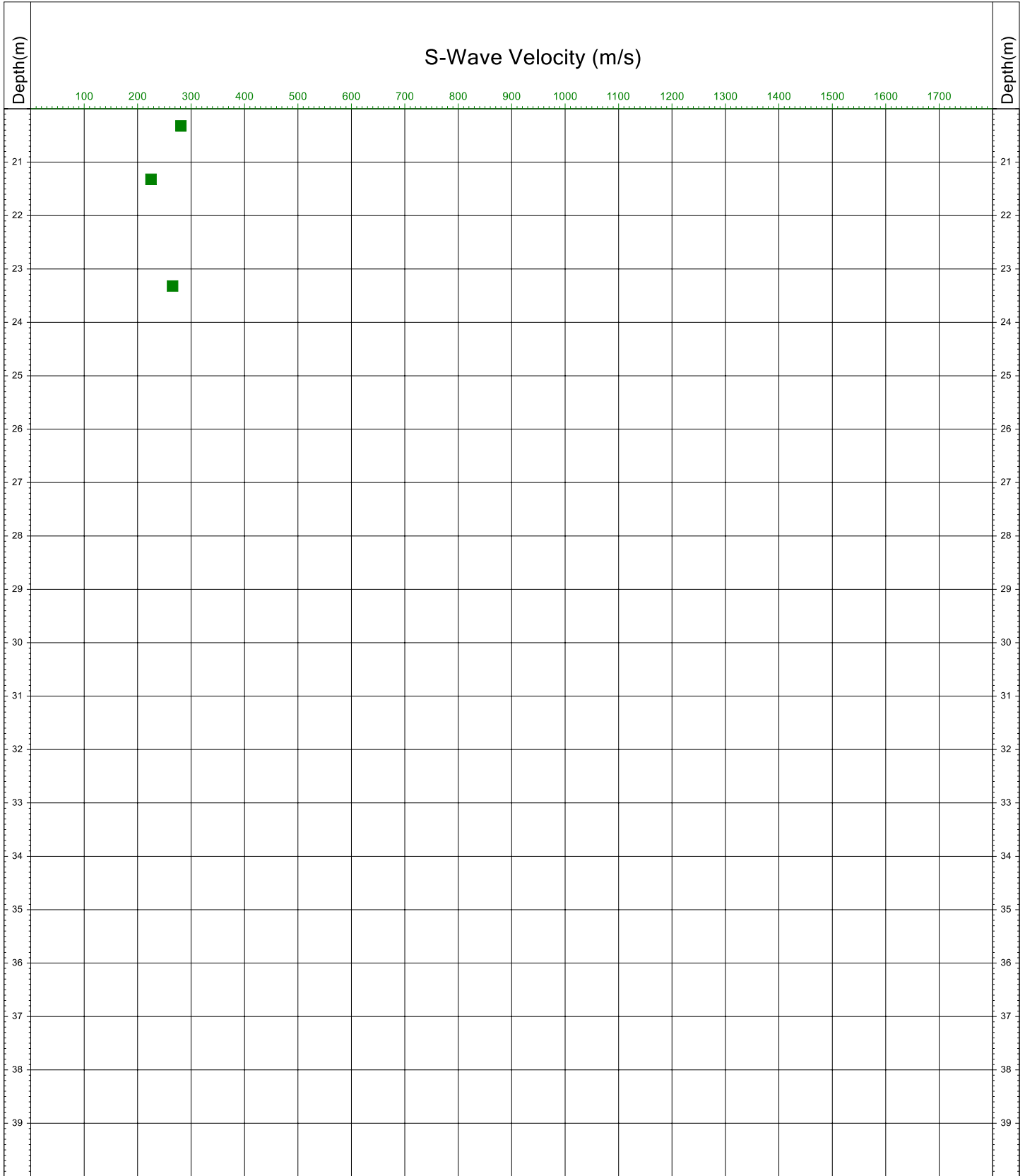
Area	Kattegat Sea	Coordinates (E, N)	681923.4 - 6249306.6	Location		
Contract	11596	Water Depth	31.710 (mMSL)	SCPT1a		
Client Name	Energinet Eltransmission A/S	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 06/05/2021	DR 10/06/2021	10/06/2021



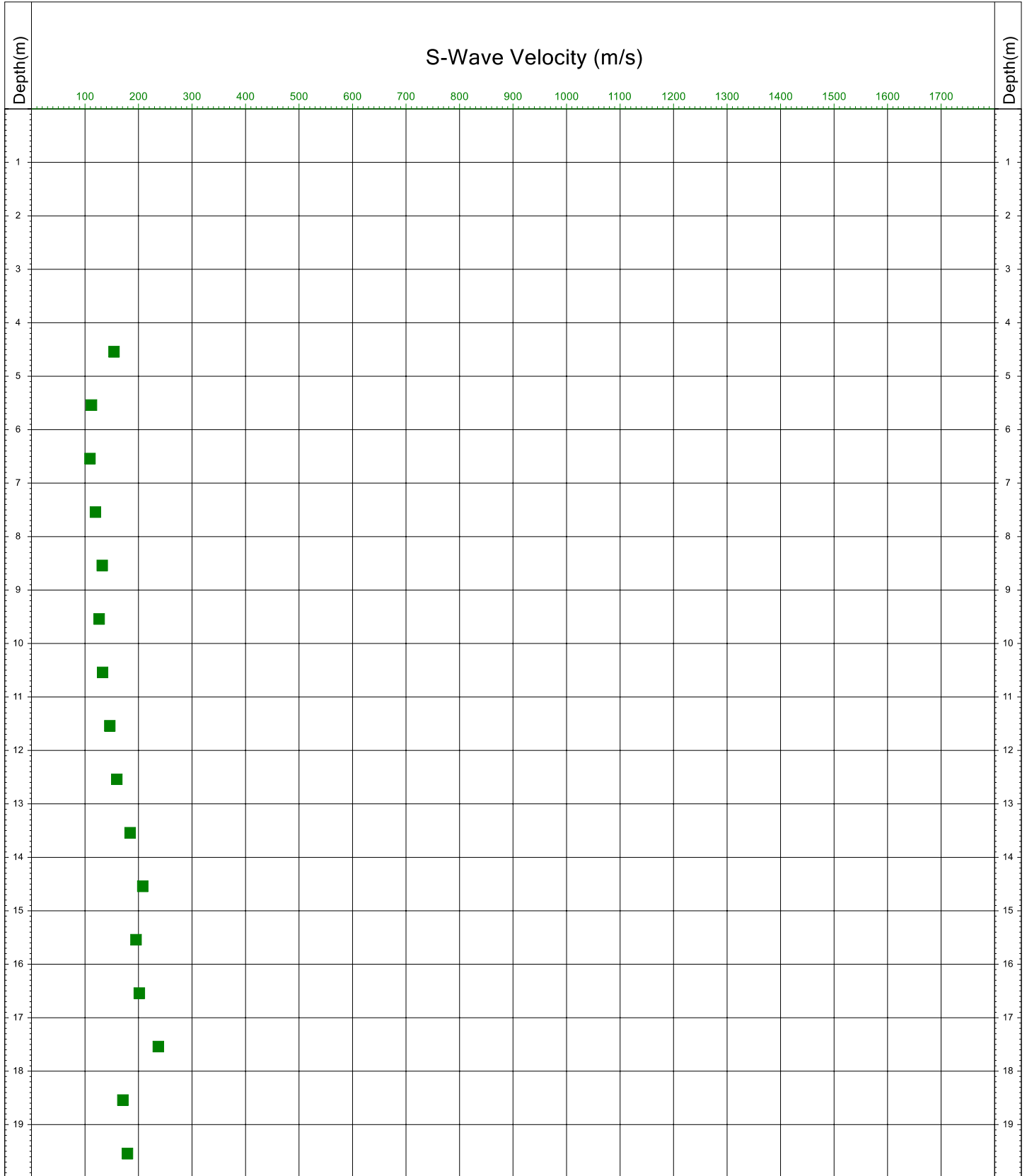
Area	Kattegat Sea	Coordinates (E, N)	681923.4 - 6249306.6	Location		
Contract	11596	Water Depth	31.710 (mMSL)	SCPT1a		
Client Name	Energinet Eltransmission A/S	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 06/05/2021	DR 10/06/2021	10/06/2021



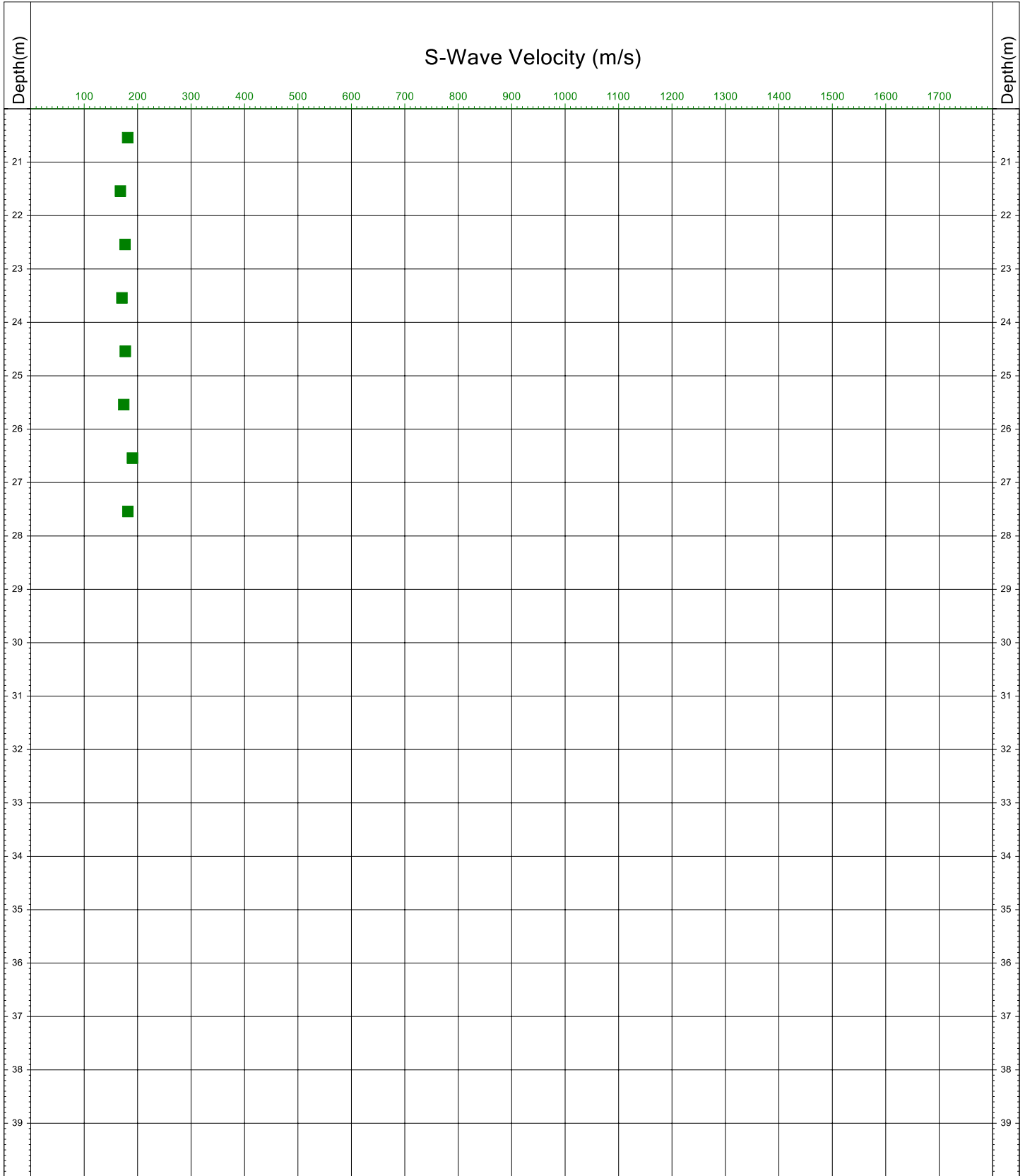
Area	Kattegat Sea	Coordinates (E, N)	673302.0 - 6252306.8	Location		
Contract	11596	Water Depth	28.800 (mMSL)	SCPT2		
Client Name	Energinet Eltransmission A/S	Date of Test	04/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	Final 10/06/2021



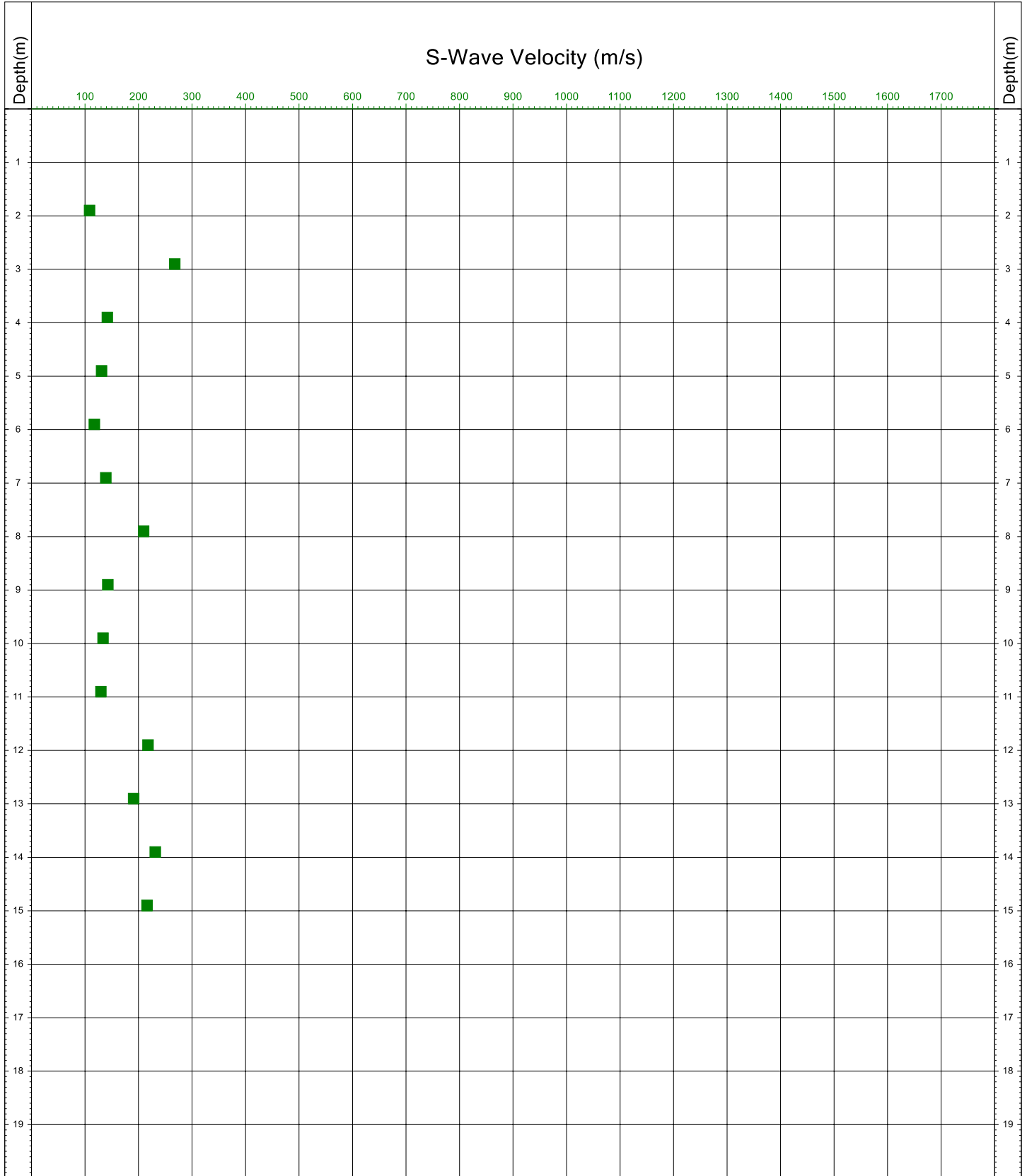
Area	Kattegat Sea	Coordinates (E, N)	673302.0 - 6252306.8	Location		
Contract	11596	Water Depth	28.800 (mMSL)	SCPT2		
Client Name	Energinet Eltransmission A/S	Date of Test	04/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



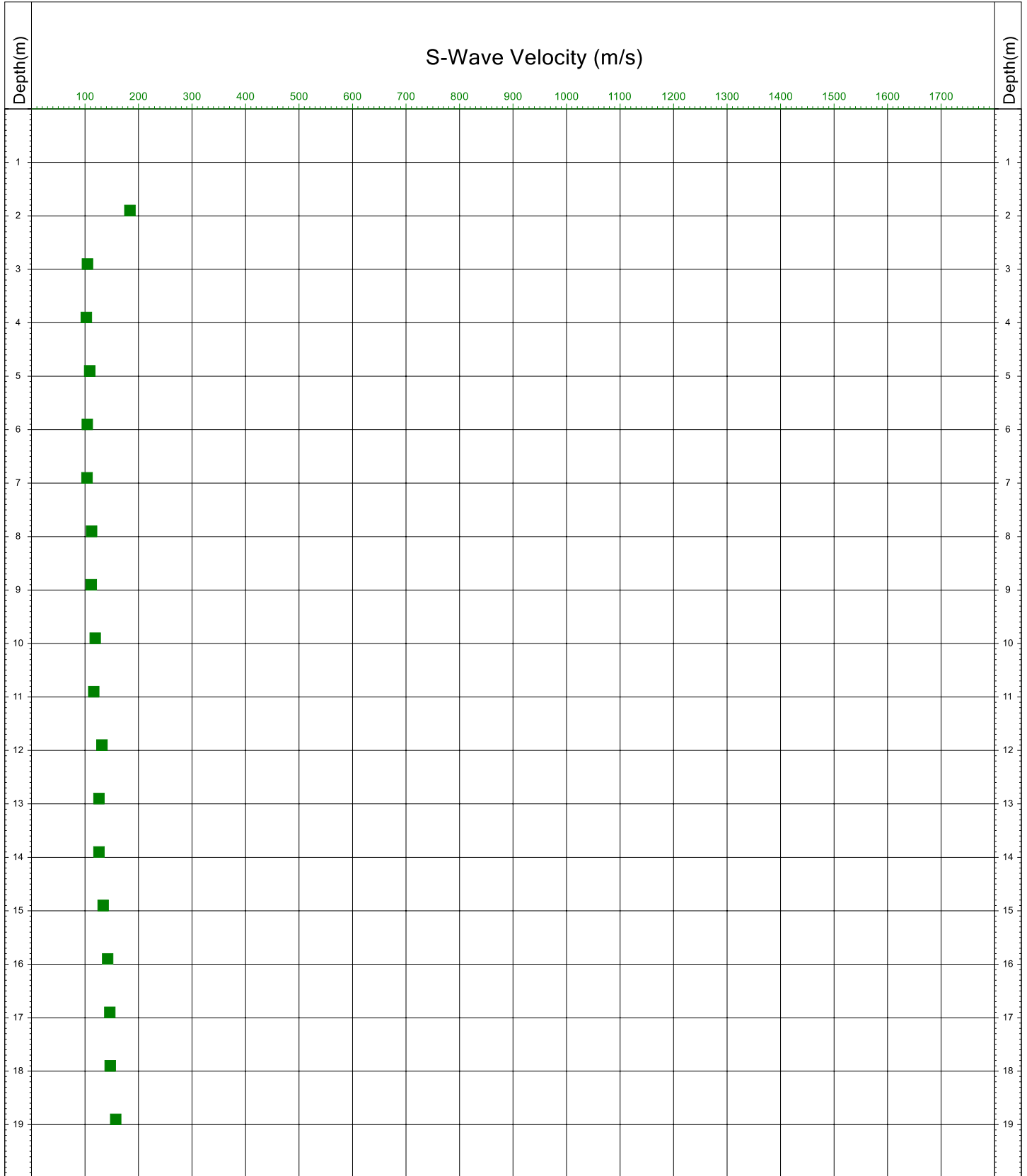
Area	Kattegat Sea	Coordinates (E, N)	665881.4 - 6256363.1	Location		
Contract	11596	Water Depth	27.690 (mMSL)	SCPT5		
Client Name	Energinet Eltransmission A/S	Date of Test	06/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	191114 / 0.76	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



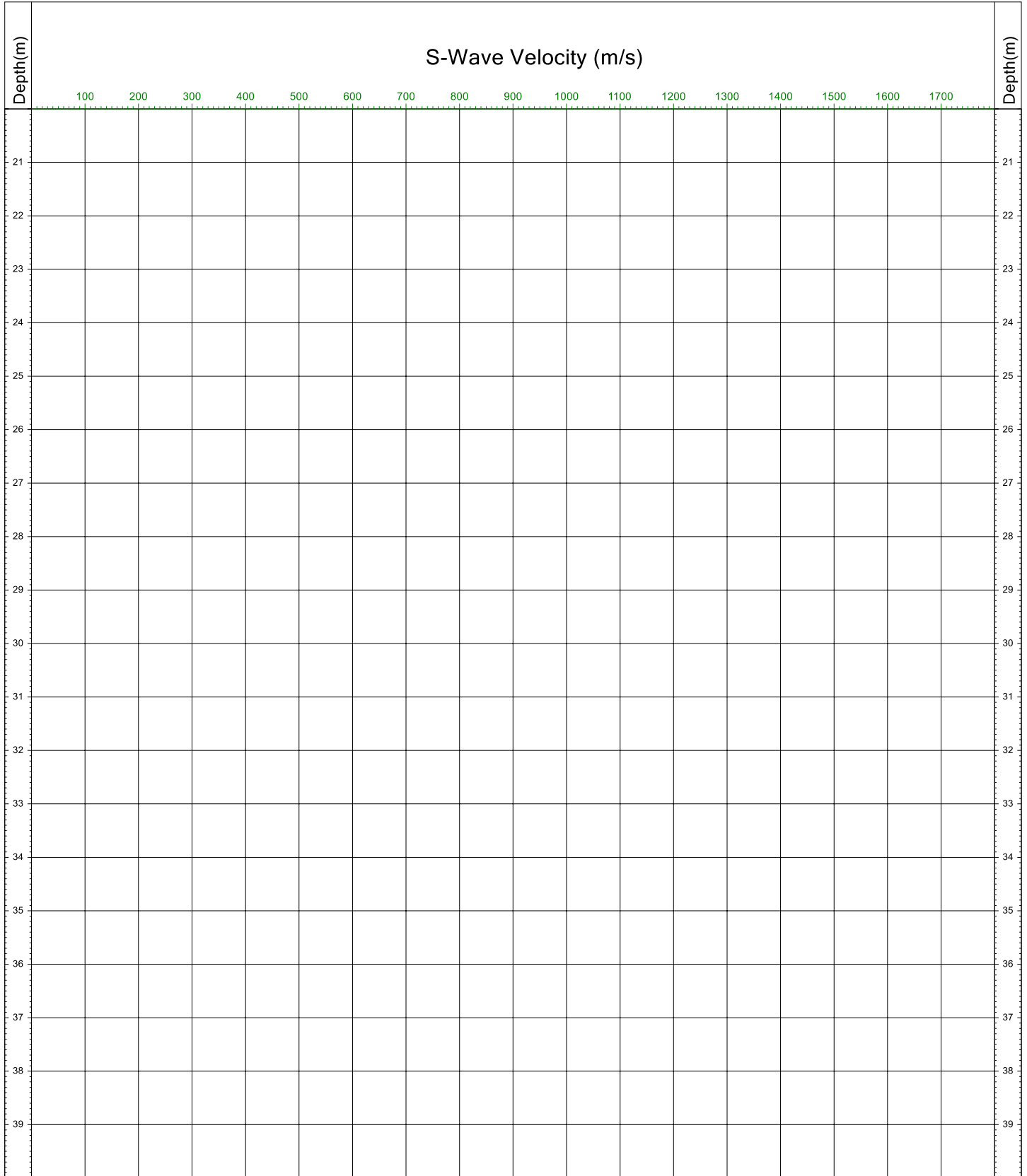
Area	Kattegat Sea	Coordinates (E, N)	665881.4 - 6256363.1	Location		
Contract	11596	Water Depth	27.690 (mMSL)	SCPT5		
Client Name	Energinet Eltransmission A/S	Date of Test	06/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	191114 / 0.76	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



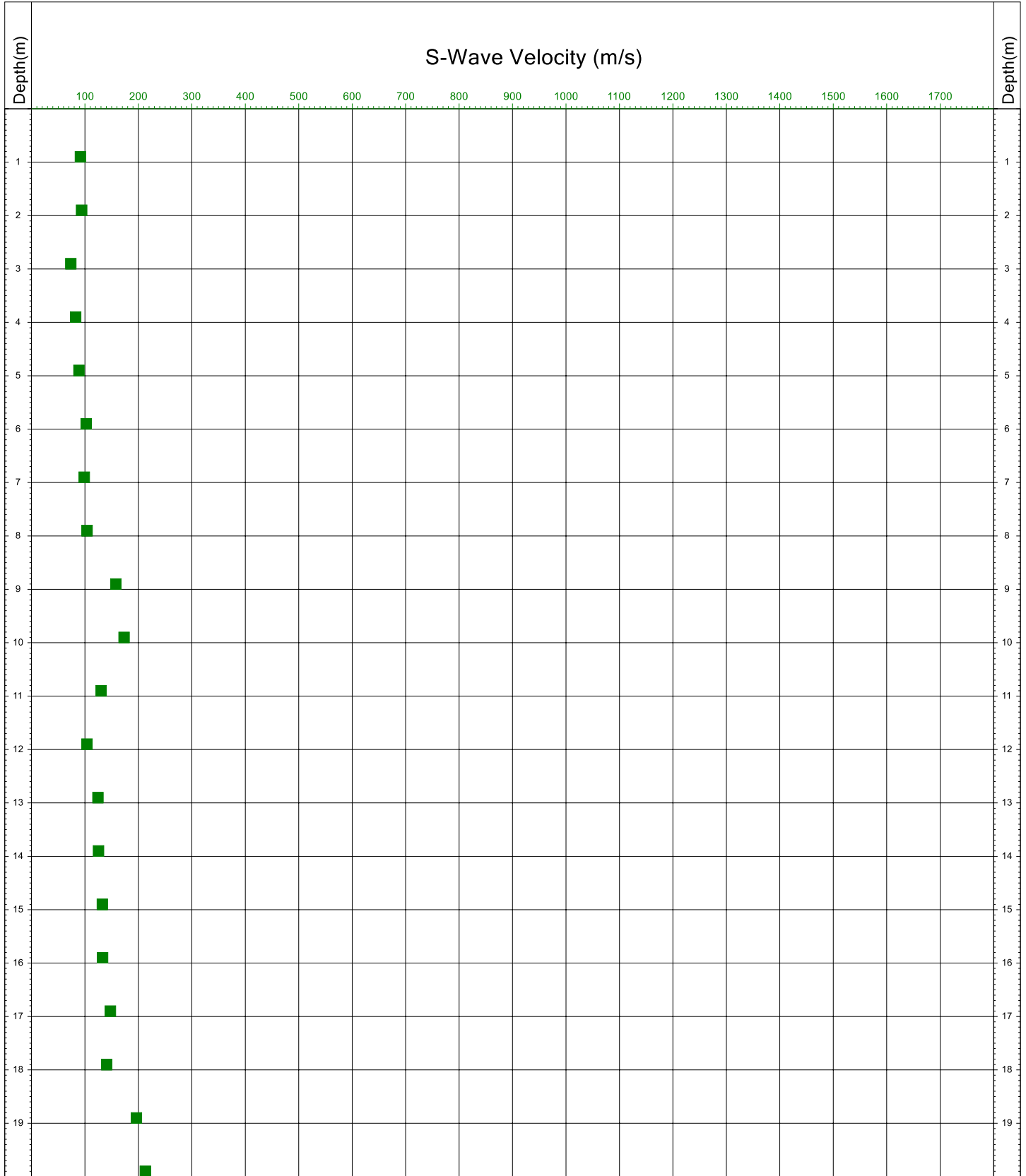
Area	Kattegat Sea	Coordinates (E, N)	675126.2 - 6262391.1	Location		
Contract	11596	Water Depth	31.810 (mMSL)	SCPT17		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	081208 / 0.78	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



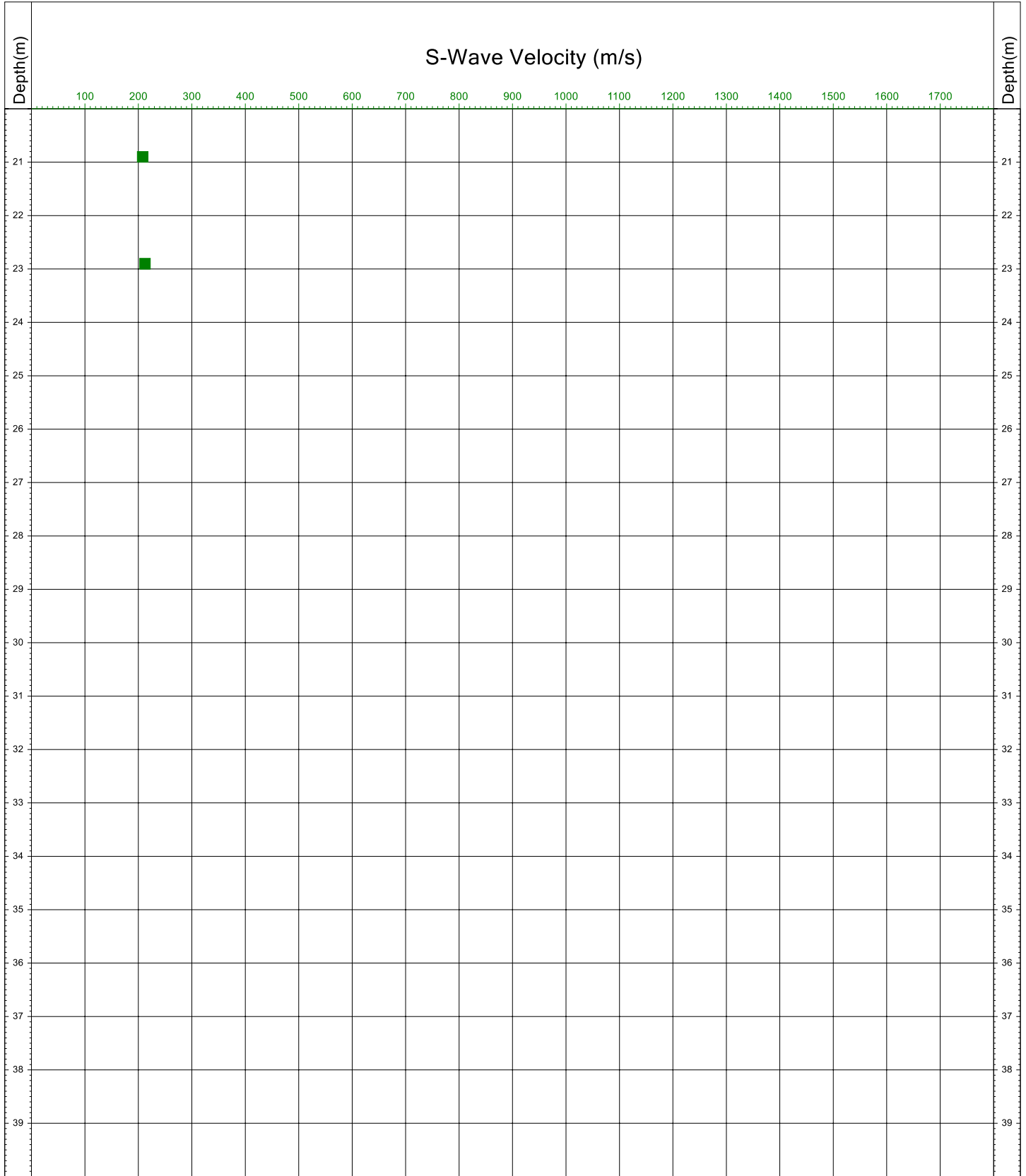
Area	Kattegat Sea	Coordinates (E, N)	670633.3 - 6266454.1	Location		
Contract	11596	Water Depth	30.840 (mMSL)	SCPT19		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	Final 10/06/2021



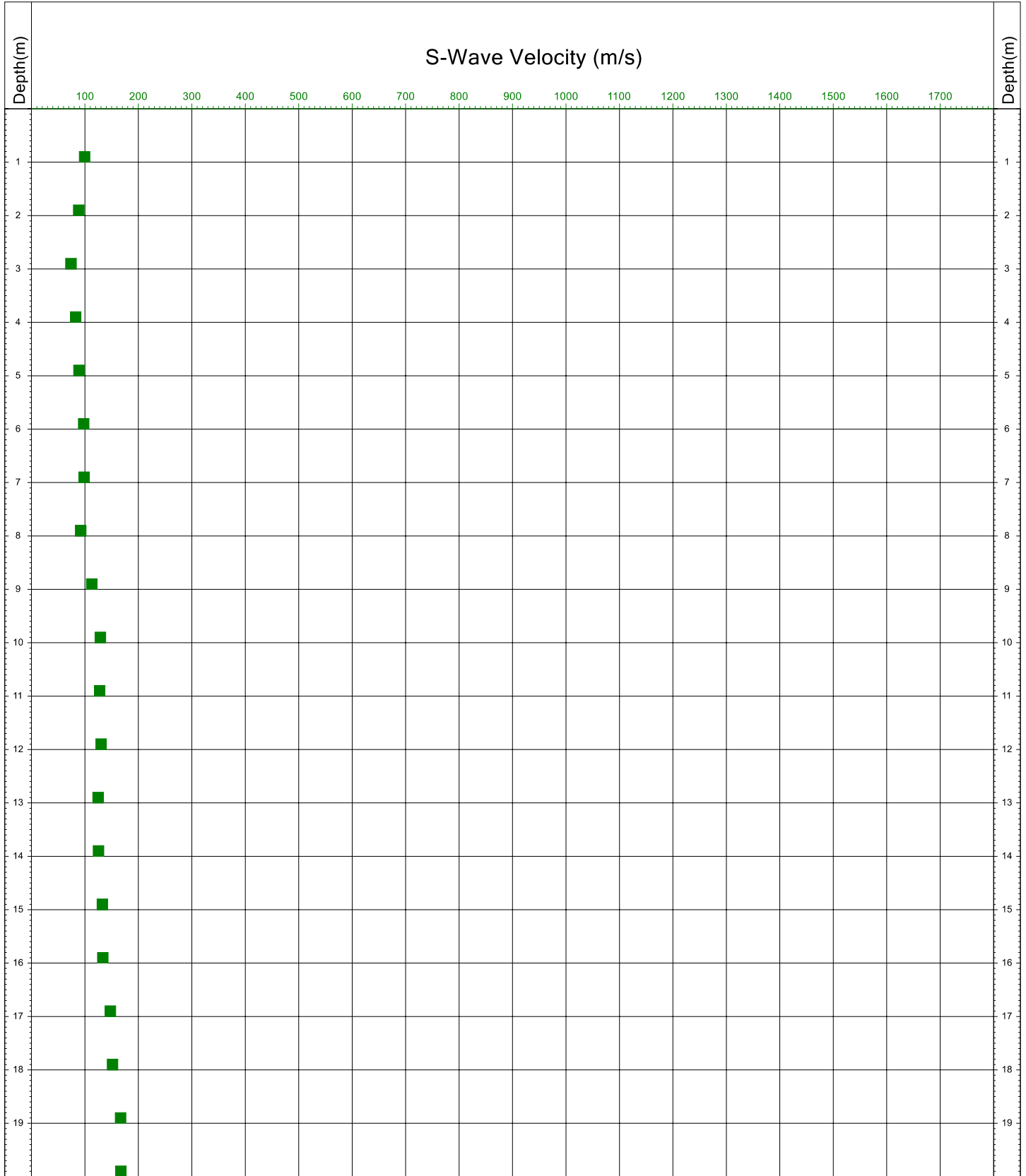
Area	Kattegat Sea	Coordinates (E, N)	670633.3 - 6266454.1	Location		
Contract	11596	Water Depth	30.840 (mMSL)	SCPT19		
Client Name	Energinet Eltransmission A/S	Date of Test	07/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130909 / 0.82	QC Status		
Comments	Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 07/05/2021	DR 10/06/2021	10/06/2021



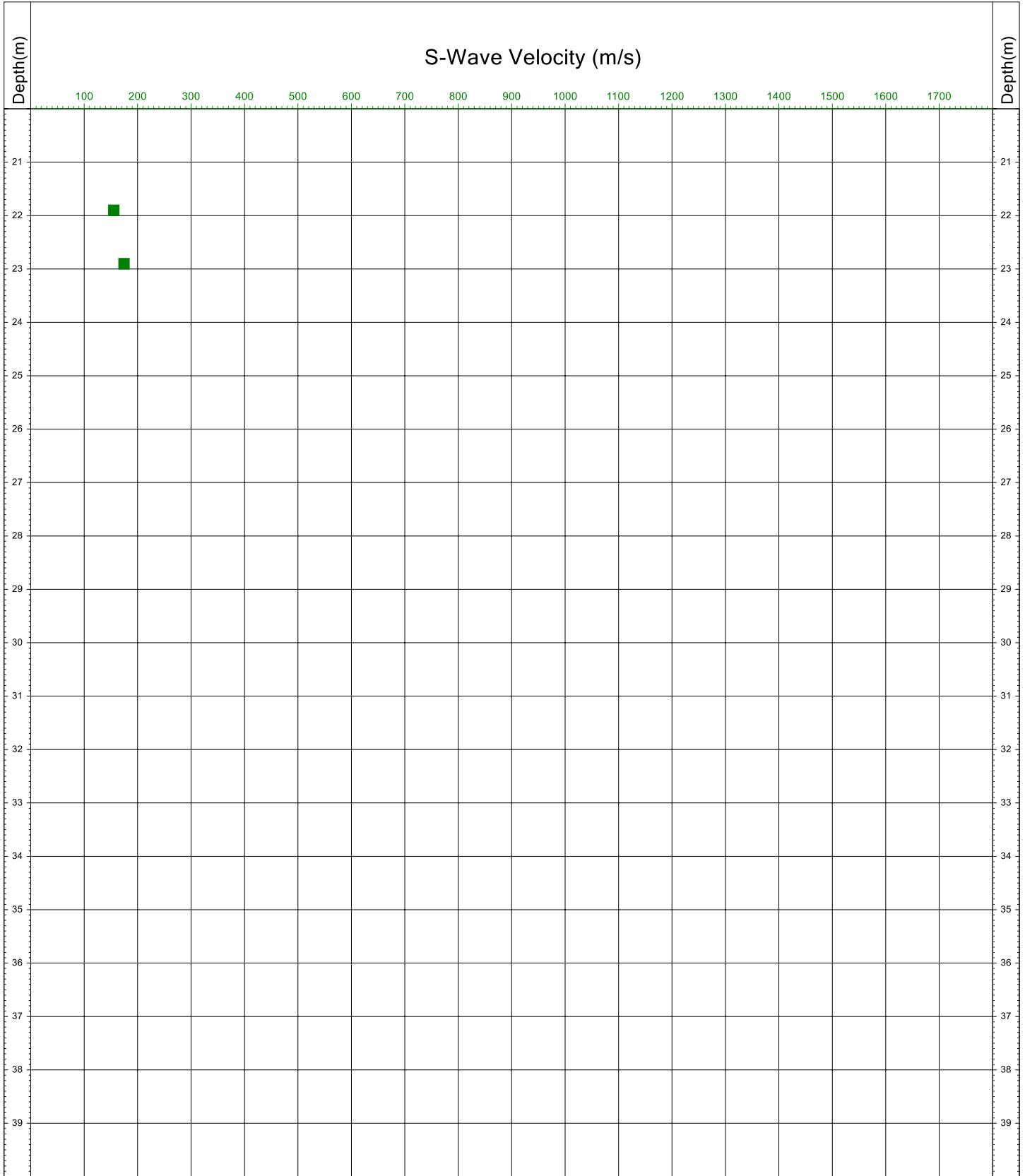
Area	Kattegat Sea	Coordinates (E, N)	677715.3 - 6266260.7	Location		
Contract	11596	Water Depth	32.480 (mMSL)	SCPT21		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	120829 / 0.80	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



Area	Kattegat Sea	Coordinates (E, N)	677715.3 - 6266260.7	Location		
Contract	11596	Water Depth	32.480 (mMSL)	SCPT21		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	120829 / 0.80	QC Status		
Comments	Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Base Inclination	1.5	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 04/05/2021	DR 10/06/2021	10/06/2021



Area	Kattegat Sea	Coordinates (E, N)	676059.4 - 6274402.9	Location		
Contract	11596	Water Depth	31.160 (mMSL)	SCPT24		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high. Please note the derived data has been removed where seismic testing was conducted.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 03/05/2021	DR 10/06/2021	Final 10/06/2021

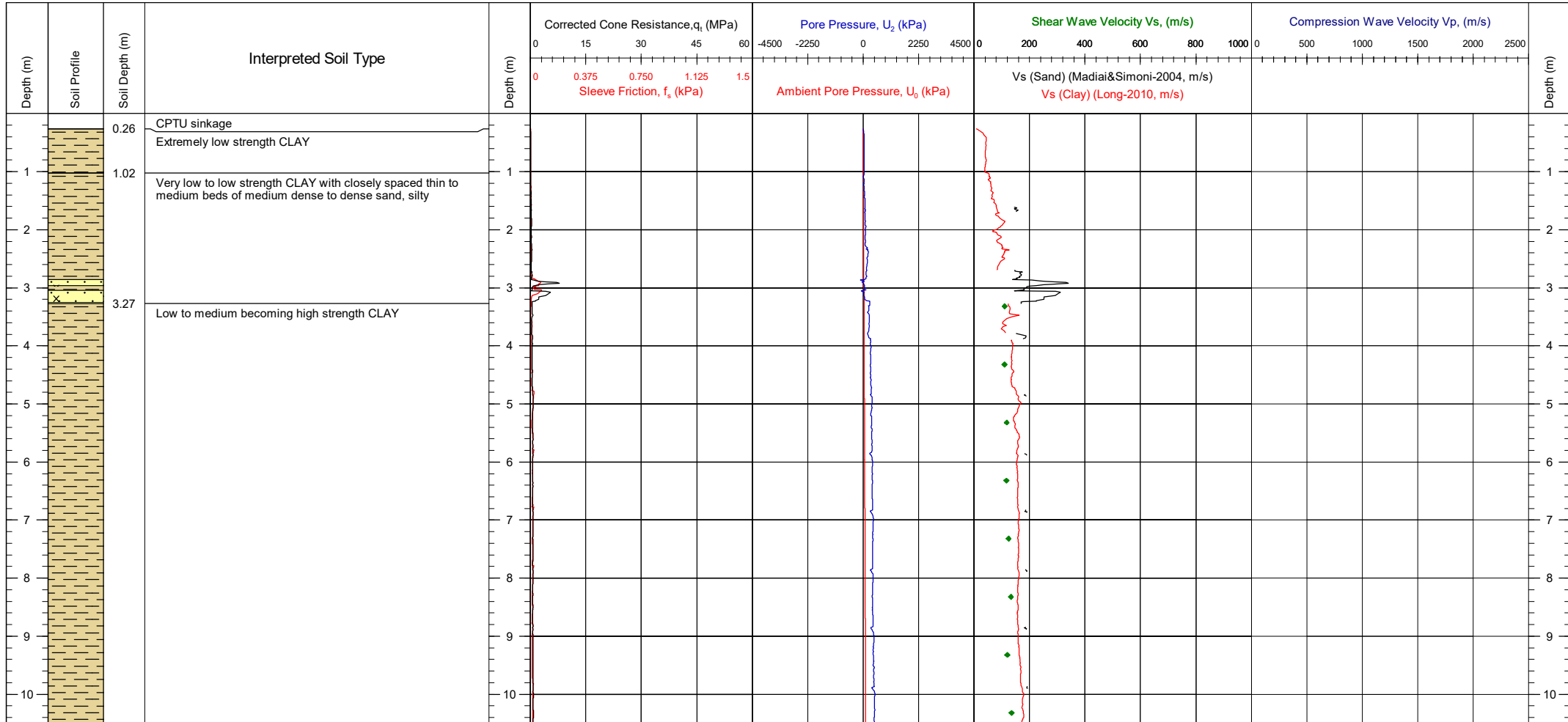


Area	Kattegat Sea	Coordinates (E, N)	676059.4 - 6274402.9	Location		
Contract	11596	Water Depth	31.160 (mMSL)	SCPT24		
Client Name	Energinet Eltransmission A/S	Date of Test	03/05/2021			
Vessel	MV Ocean Vantage	Cone No. / α Factor	130206 / 0.77	QC Status		
Comments	Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high. Please note the derived data has been removed where seismic testing was conducted.	Base Inclination	1.4	Preliminary	Draft	Final
		CRS	ETRS 1989 UTM Zone 32N	JK/BC 03/05/2021	DR 10/06/2021	Final 10/06/2021

5.4 SCPTU Log Plots



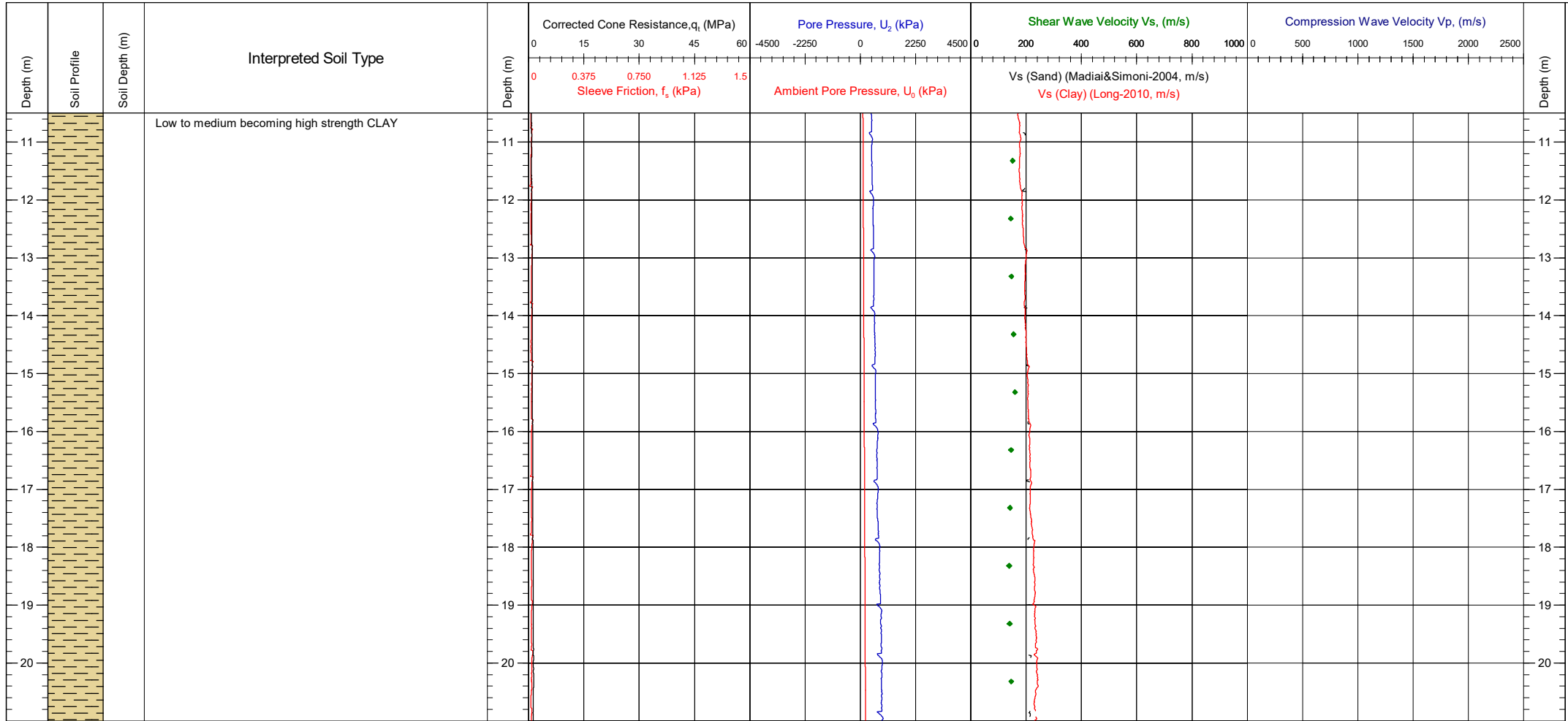
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	681923.4E 6249306.6N	CRS: ETRS89	QC Status	CPT Name					
Contract	11596	Water Depth (mMSL)	31.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support							
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	05/05/2021		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC (06/05/2021)</td> <td>DR (10/06/2021)</td> <td>SMc (10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
Preliminary	Draft	Final									
JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)									
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (10cm²) / 0.77	Assumed Unit Weight: 20 - 16 kN/m ³ K_{sp} : 0.5 - 2.0 N_{sp} : 15 - 20 N_{cp} : 12.5 - 16.5							
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°			Filename - CPT1b.csv					



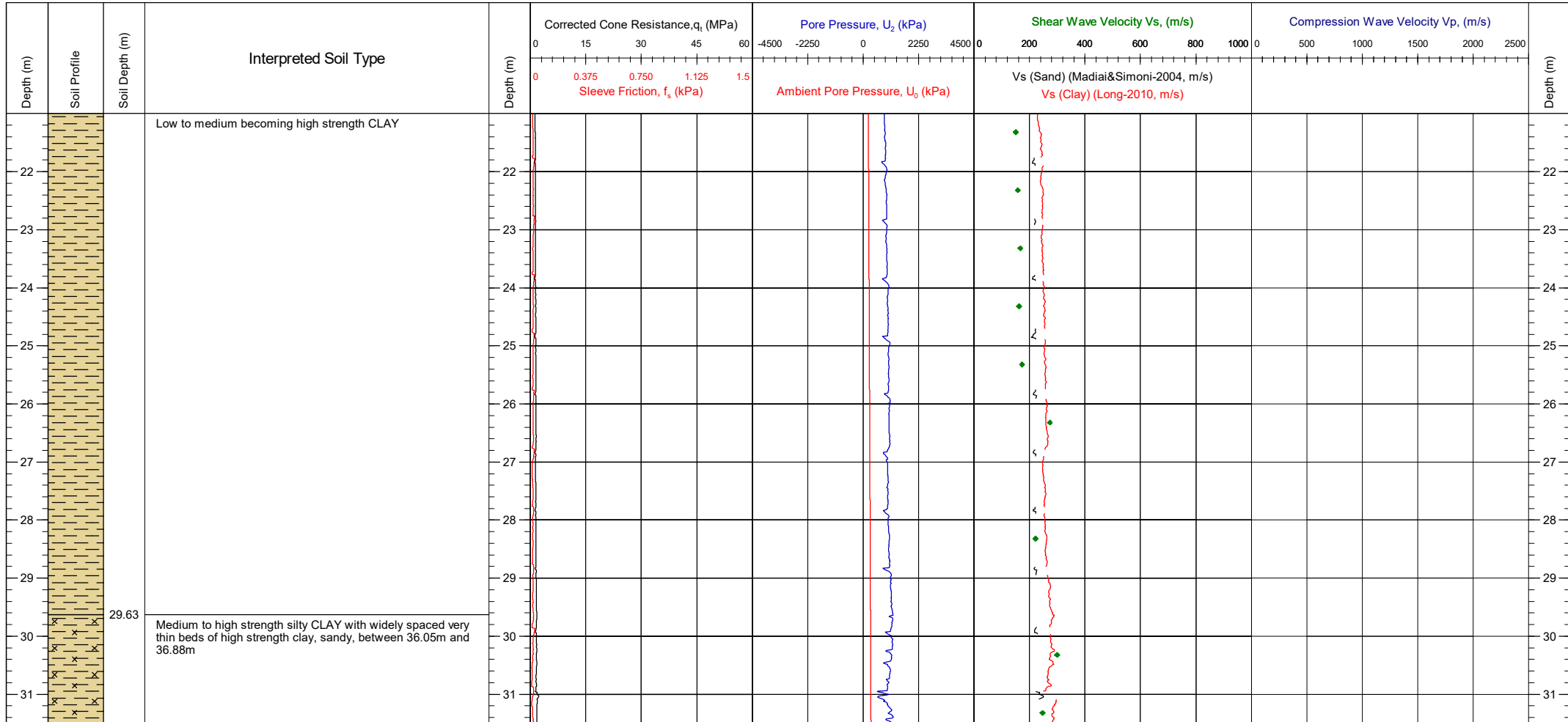
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	681923.4E 6249306.6N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC DR SMc <small>(06/05/2021) (10/06/2021) (10/11/2021)</small>	CPT Name SCPT1a
Contract	11596	Water Depth (mMSL)	31.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	05/05/2021			
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (10cm²) / 0.77			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°	<small>Assumed Unit Weight: 20 - 16 kN/m³ K_{sp}: 0.5 - 2.0 N_{sp}: 15 - 20 N_{sp}: 12.5 - 16.5</small>	Filename - CPT1b.csv	



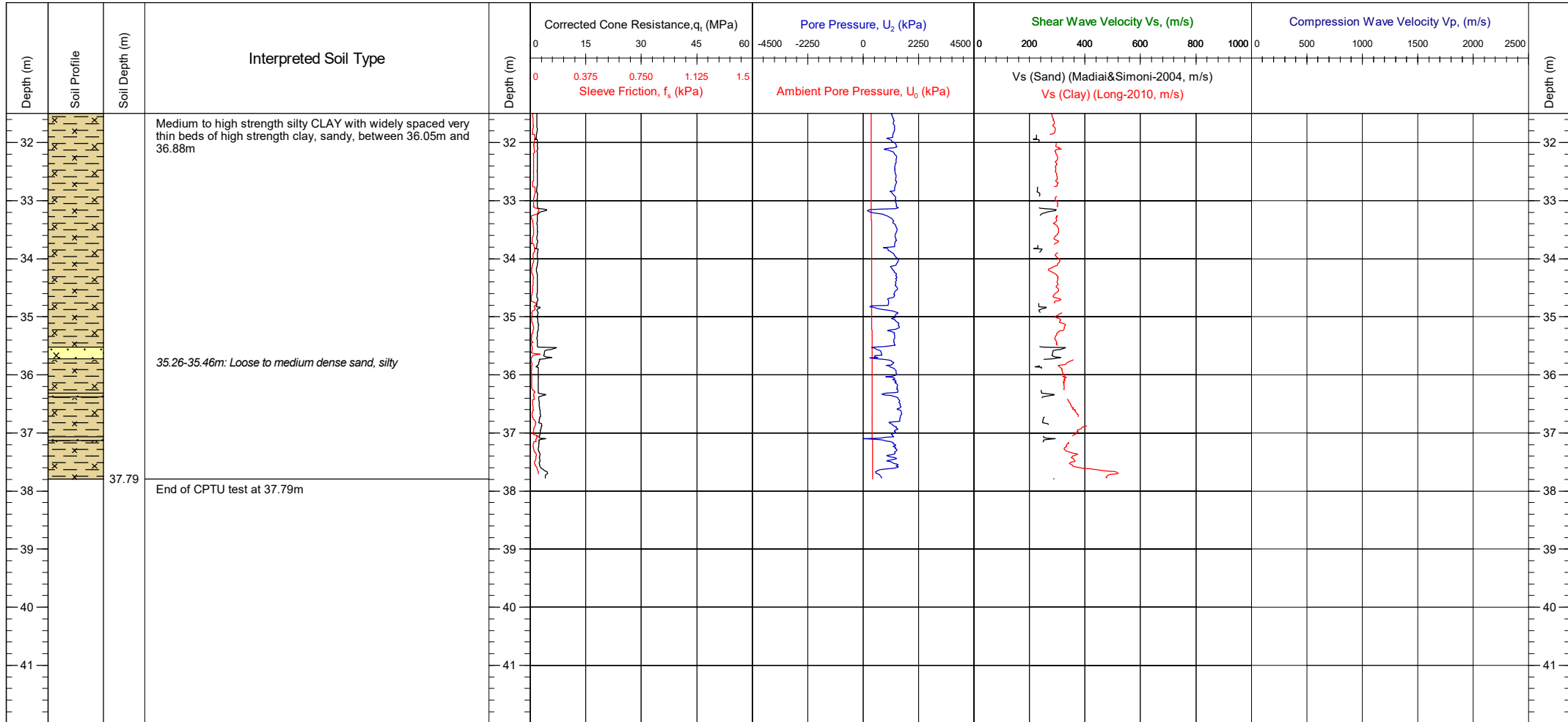
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	681923.4E 6249306.6N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	05/05/2021		JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type) α Factor	130206 (10cm²) / 0.77		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		K_{pc} : 0.5 - 2.0	N_{pc} : 15 - 20	N_{cp} : 12.5 - 16.5	
								Filename - CPT1b.csv



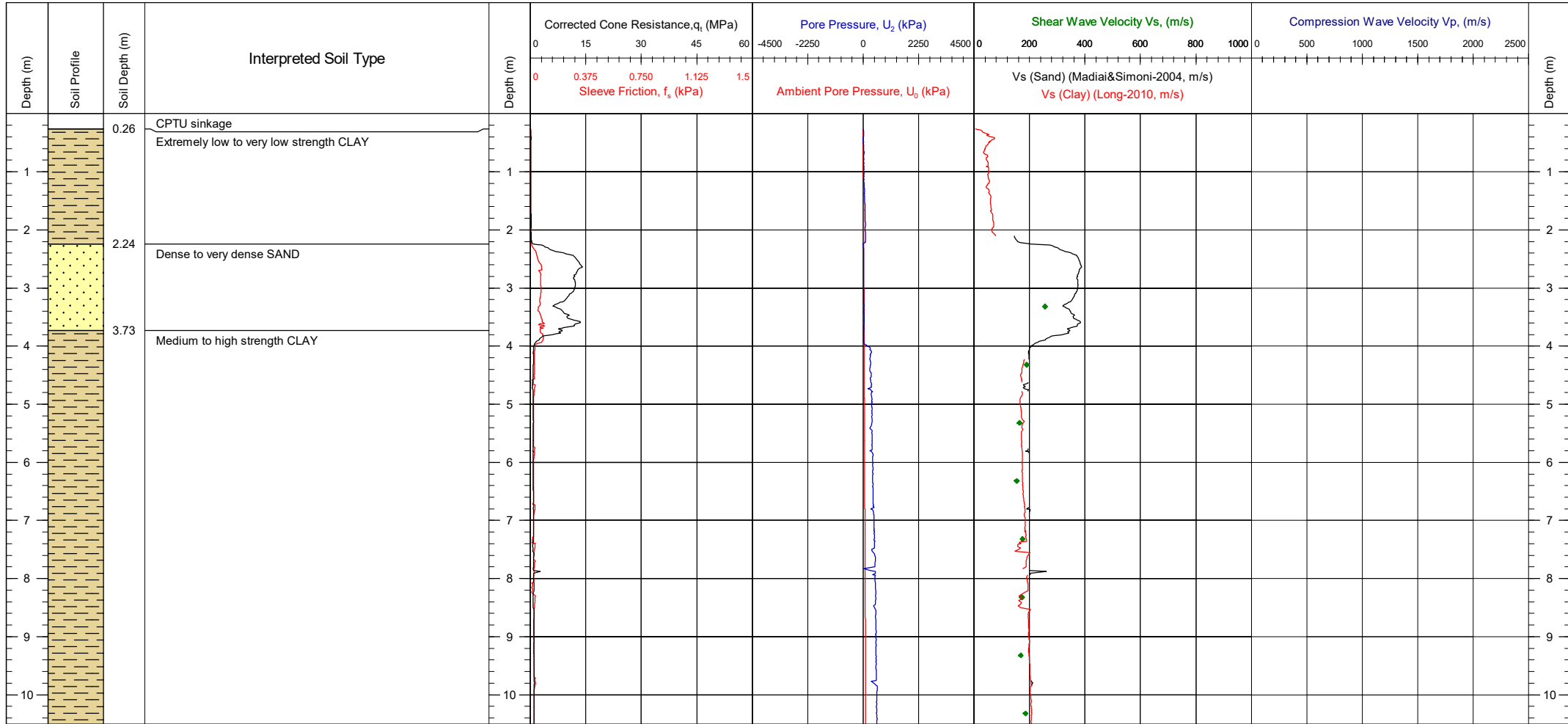
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	681923.4E 6249306.6N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 37.55m. Test terminated at operators discretion due to increasing total force and lack of lateral rod support	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	05/05/2021		JK/BC (06/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (10cm²) / 0.77		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		K_{pc} : 0.5 - 2.0	N_{pc} : 15 - 20	N_{qc} : 12.5 - 16.5	
								Filename - CPT1b.csv



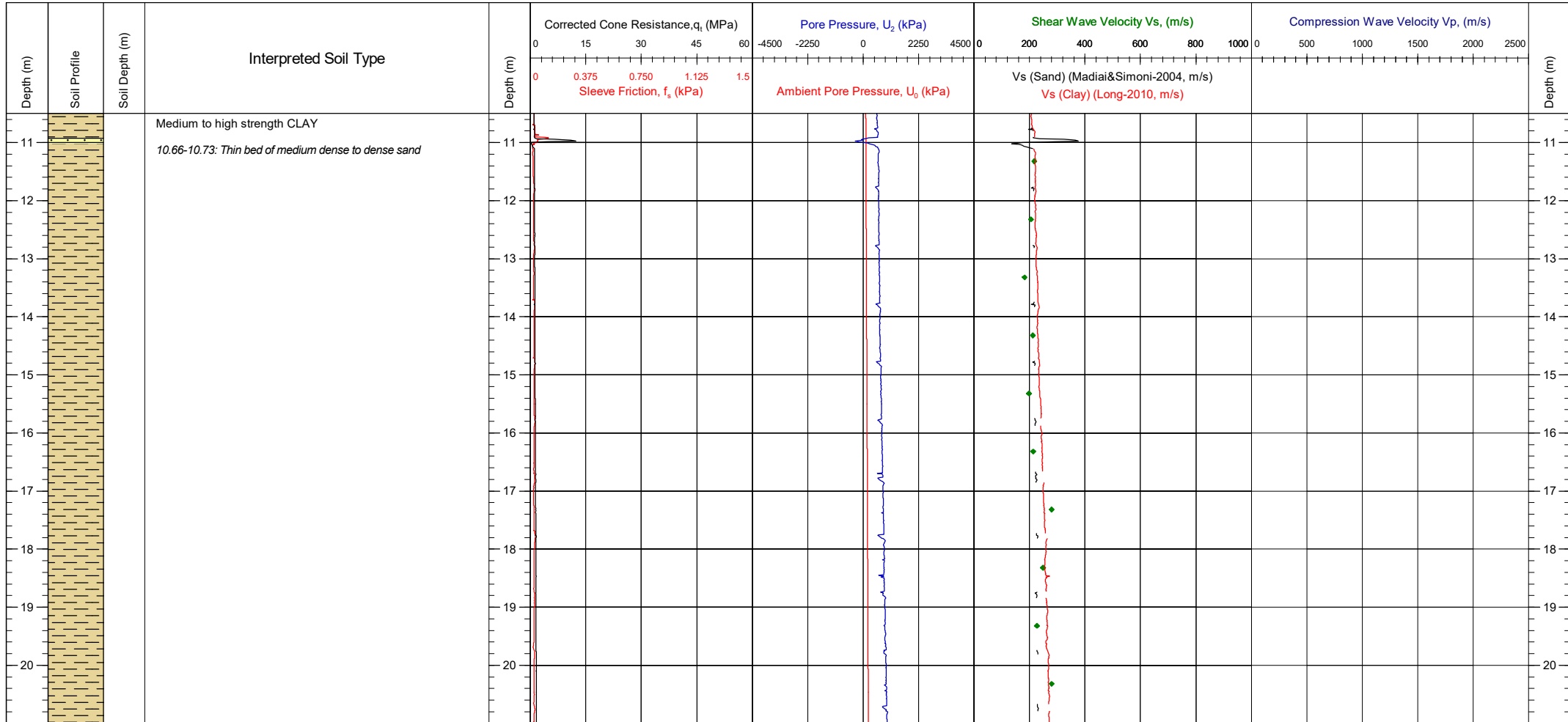
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	673302.0E 6252306.8N	CRS: ETRS89	QC Status Preliminary: JK/BC (04/05/2021) Draft: DR (10/06/2021) Final: SMc (10/11/2021)	CPT Name SCPT2
Contract	11596	Water Depth (mMSL)	28.8	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	04/05/2021		Assumed Unit Weight: 20 - 16 kN/m ³ K_{α} : 0.5 - 2.0 N_{α} : 15 - 20 N_{α} : 12.5 - 16.5	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130909 (10cm²) / 0.82			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°			Filename - CPT2a.csv



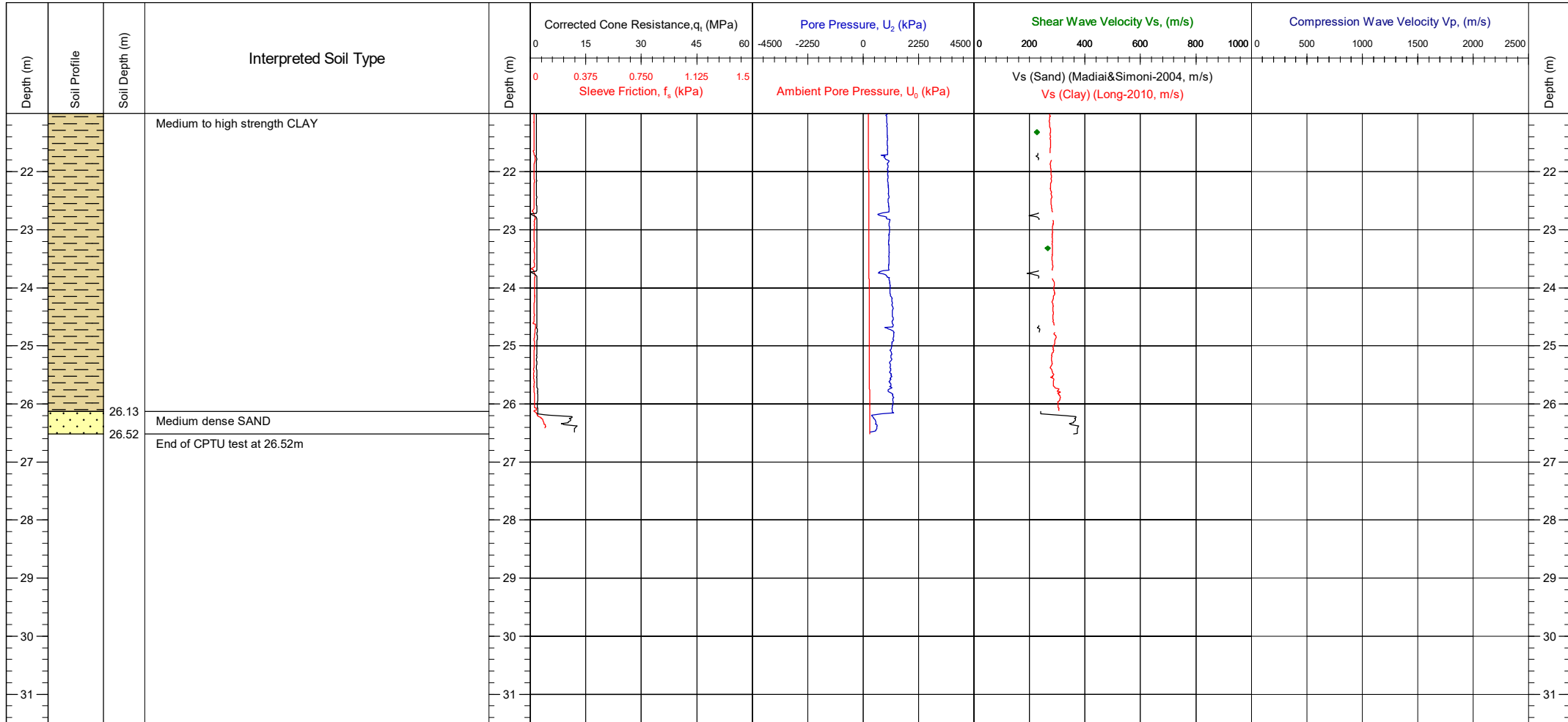
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	673302.0E 6252306.8N	CRS: ETRS89	QC Status Preliminary Draft Final JK/BC DR SMc (04/05/2021) (10/06/2021) (10/11/2021)	CPT Name SCPT2
Contract	11596	Water Depth (mMSL)	28.8	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	04/05/2021		Assumed Unit Weight: 20 - 16 kN/m ³ K_{α} : 0.5 - 2.0 N_{α} : 15 - 20 N_{α} : 12.5 - 16.5	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130909 (10cm²) / 0.82			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°	Filename - CPT2a.csv		



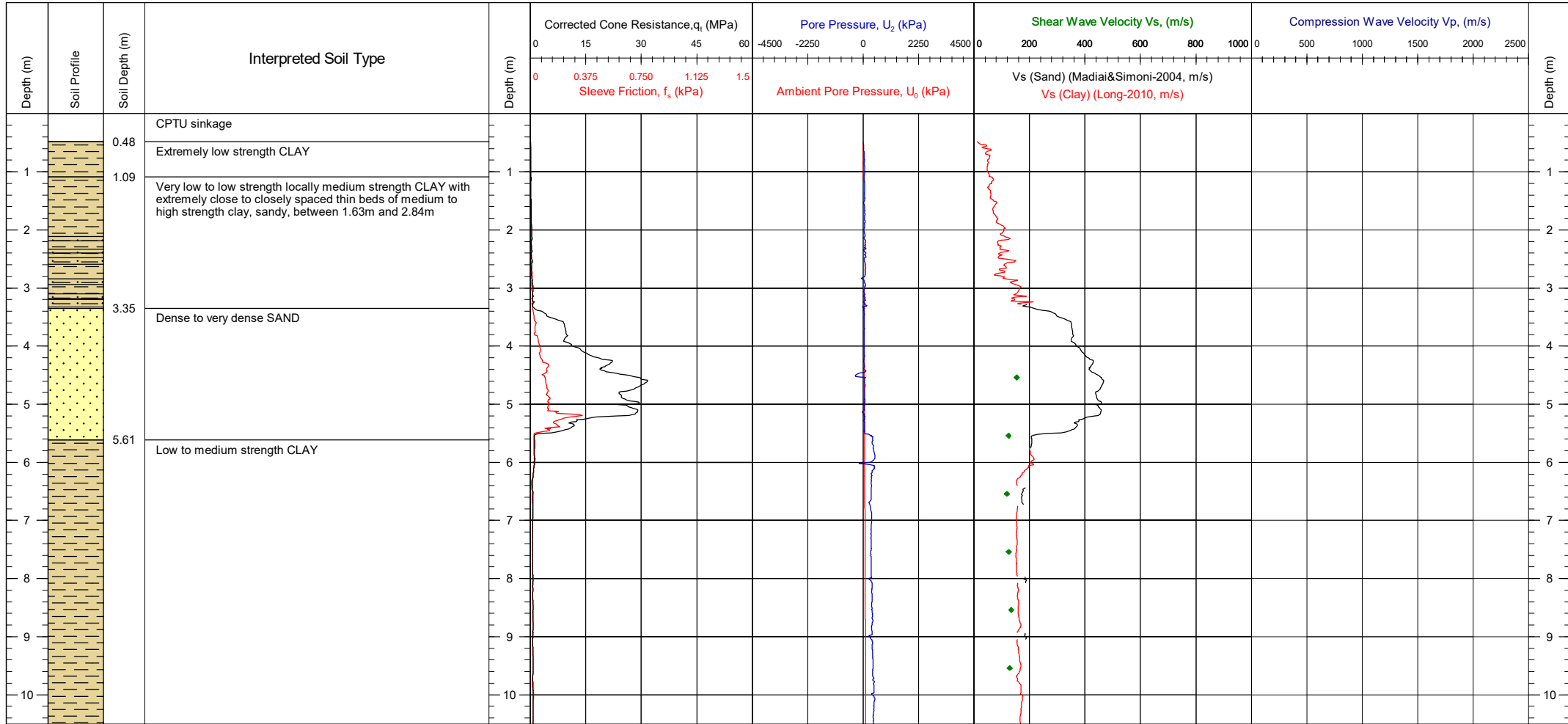
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	673302.0E 6252306.8N	CRS: ETRS89	QC Status			CPT Name SCPT2
Contract	11596	Water Depth (mMSL)	28.8	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 26.25m. Test terminated at operators discretion due to cone inclination >12 degrees and lack of lateral rod support into hard ground.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	04/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130909 (10cm²) / 0.82		Assumed Unit Weight: 20 - 16 kN/m ³ K_{sp} : 0.5 - 2.0 N_{sp} : 15 - 20 N_{sp} : 12.5 - 16.5			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.7°					
								Filename - CPT2a.csv



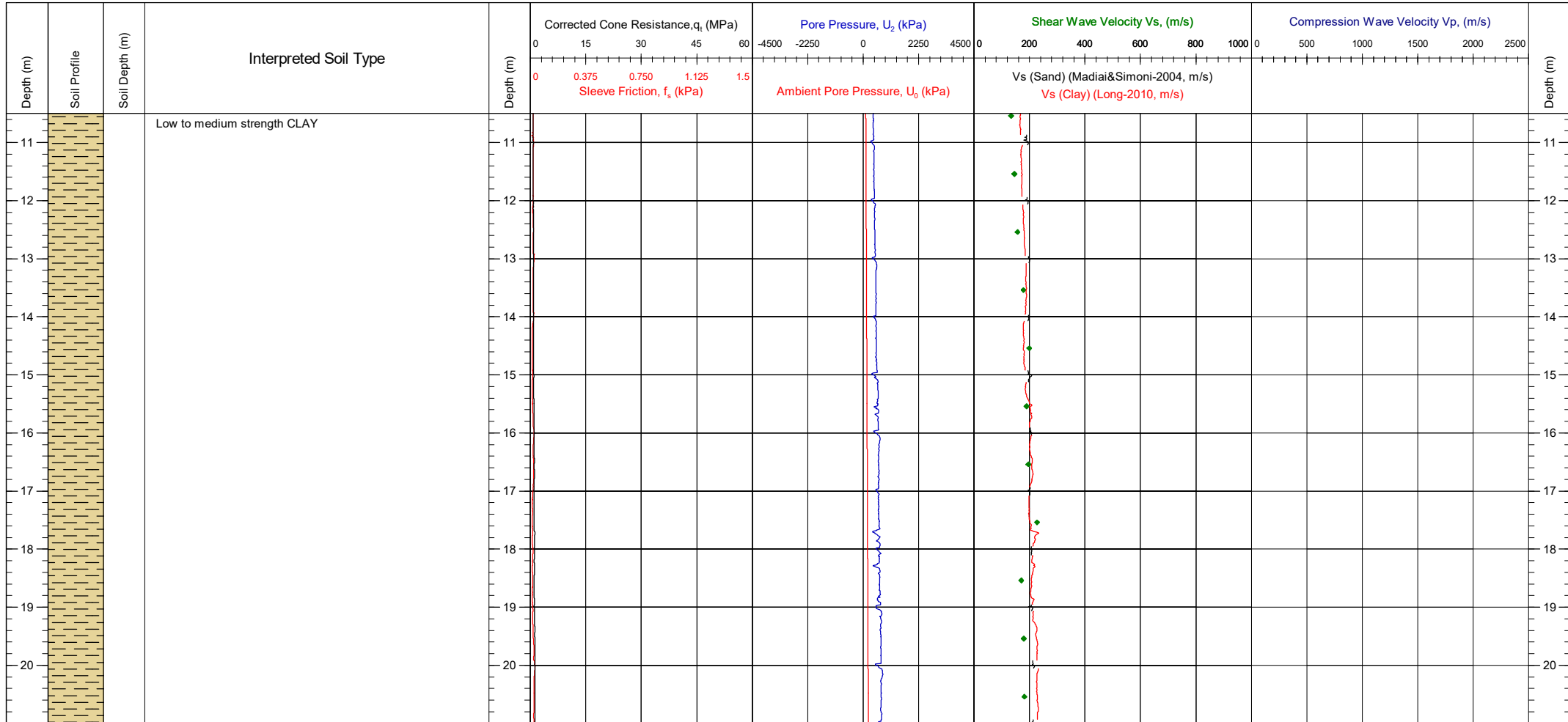
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	665881.4E 6256363.1N	CRS: ETRS89	QC Status Preliminary: JK/BC (07/05/2021) Draft: DR (10/06/2021) Final: SMc (10/11/2021)	CPT Name SCPT5
Contract	11596	Water Depth (mMSL)	27.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline		
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	06/05/2021		Assumed Unit Weight: 20 - 16 kN/m ³ K_{sp} : 0.5 - 2.0 N_{sp} : 15 - 20 N_{sp} : 12.5 - 16.5	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	191114 (10cm²) / 0.76			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°			Filename - S-CPT_5.csv



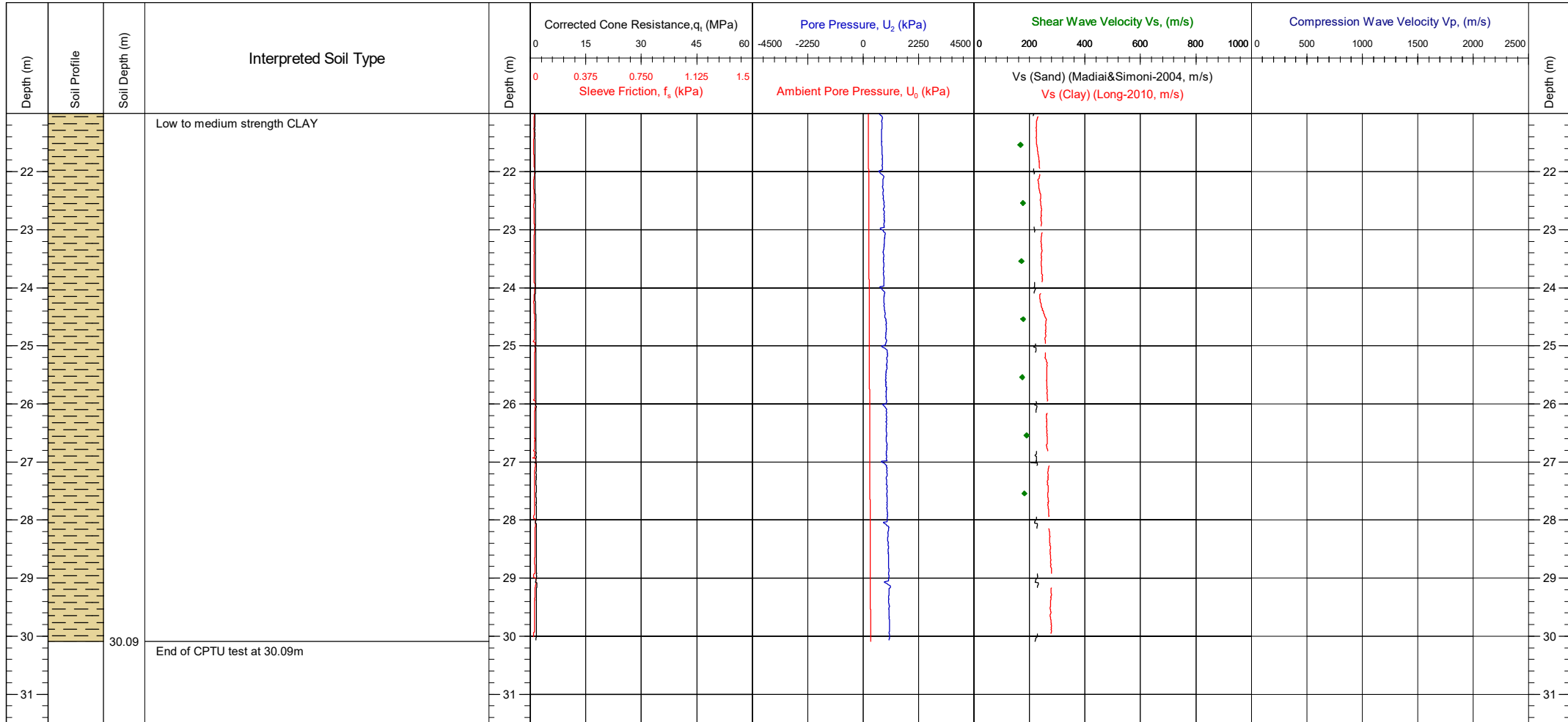
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	665881.4E 6256363.1N	CRS: ETRS89	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	QC Status			CPT Name SCPT5
Contract	11596	Water Depth (mMSL)	27.7			Preliminary: JK/BC (07/05/2021) Draft: DR (10/06/2021) Final: SMc (10/11/2021)			
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	06/05/2021						
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	191114 (10cm²) / 0.76			Assumed Unit Weight: 20 - 16 kN/m ³ K_{α} : 0.5 - 2.0 N_{α} : 15 - 20 N_{α} : 12.5 - 16.5			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°						Filename - S-CPT_5.csv



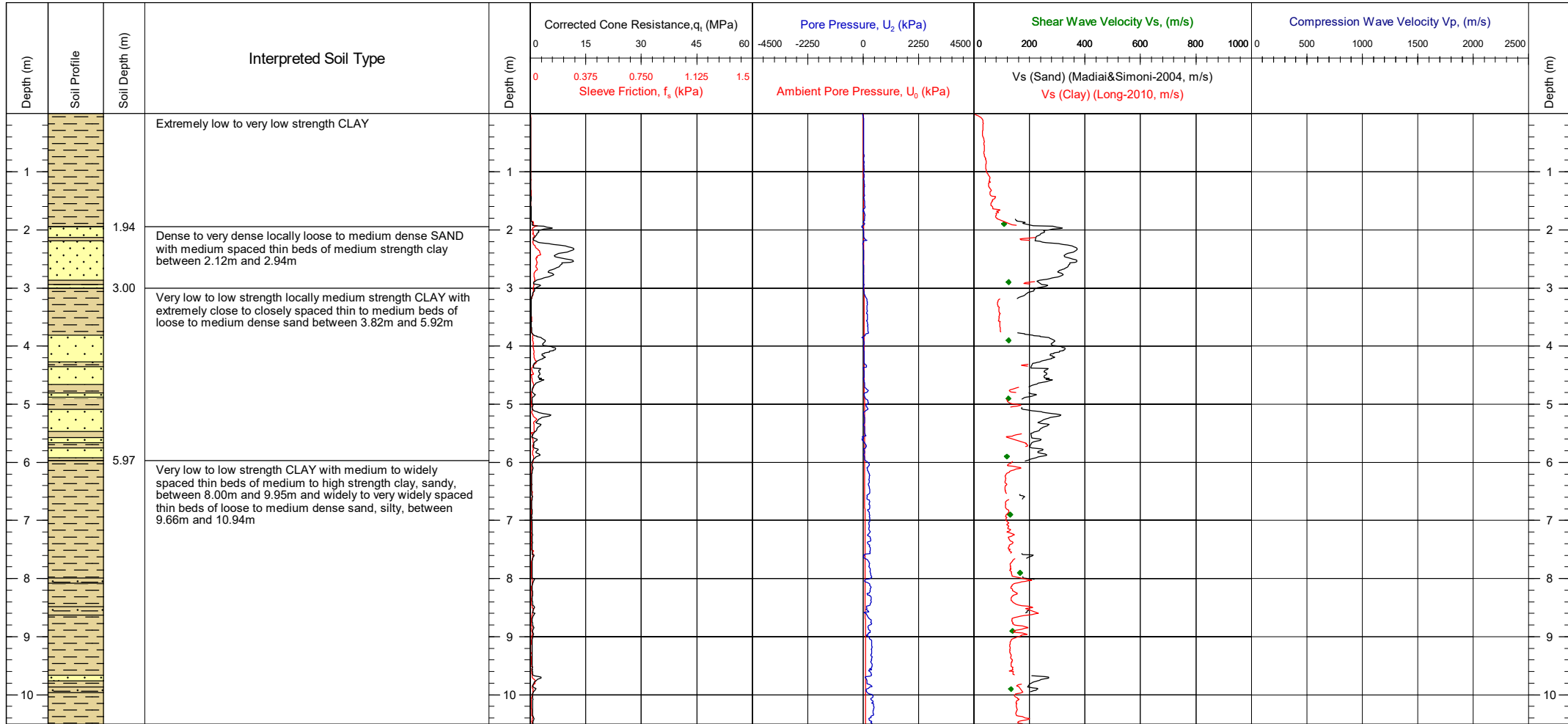
**Preliminary Investigation, Hesselø OWF
IN SITU SCPTU TESTING**



Area	Kattegat Sea	Coordinates	665881.4E 6256363.1N	CRS: ETRS89	QC Status			CPT Name SCPT5
Contract	11596	Water Depth (mMSL)	27.7	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 29.74m. Test terminated at operators discretion due increasing total load and a lack of lateral rod support from mudline	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	06/05/2021		JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	191114 (10cm²) / 0.76		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°		K_{pc} : 0.5 - 2.0	N_{pc} : 15 - 20	N_{cp} : 12.5 - 16.5	
								Filename - S-CPT_5.csv



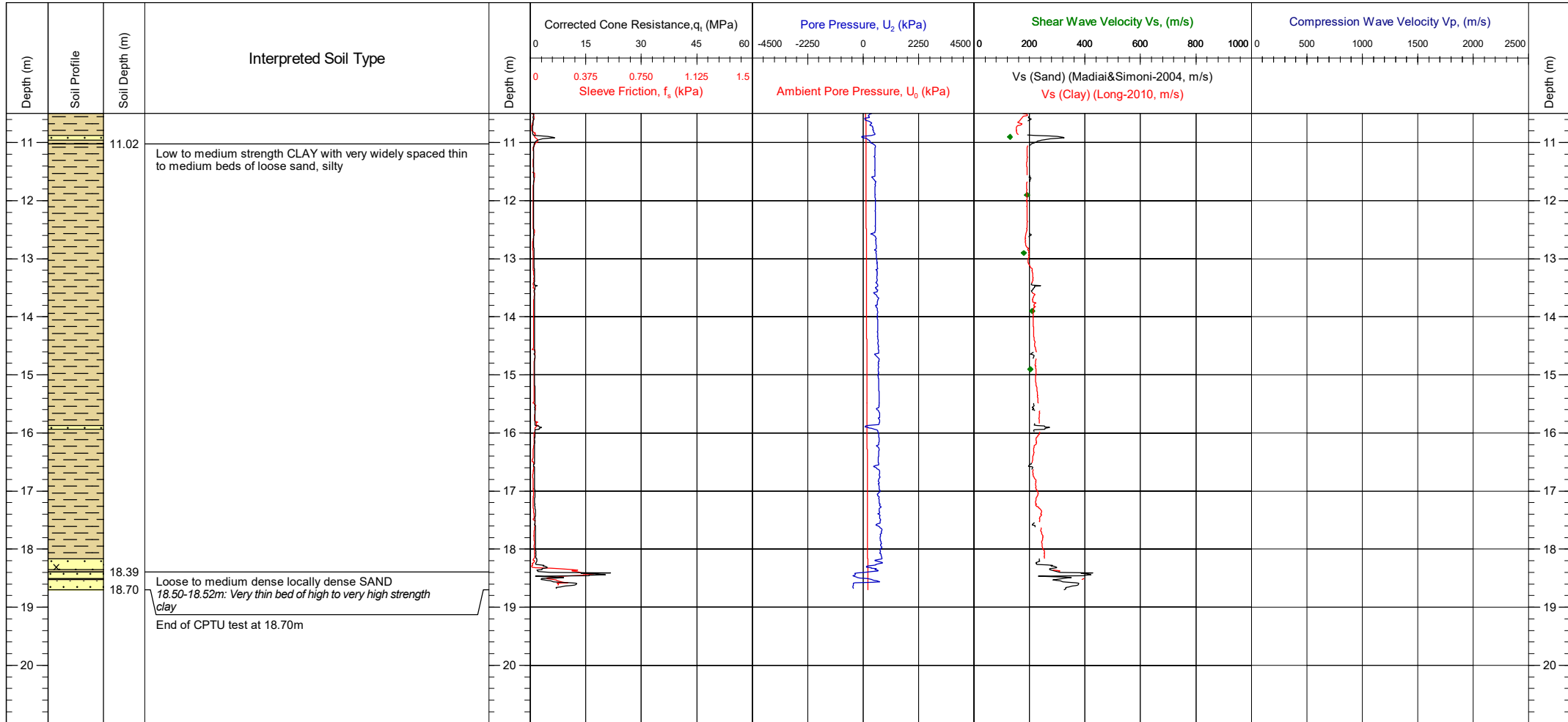
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	675126.2E 6262391.1N	CRS: ETRS89	QC Status			CPT Name SCPT17
Contract	11596	Water Depth (mMSL)	31.8	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021		JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/α Factor	081208 (10cm²) / 0.78		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		K_c: 0.5 - 2.0	N_{c1}: 15 - 20	N_{c2}: 12.5 - 16.5	
								Filename - S_CPT_17.csv



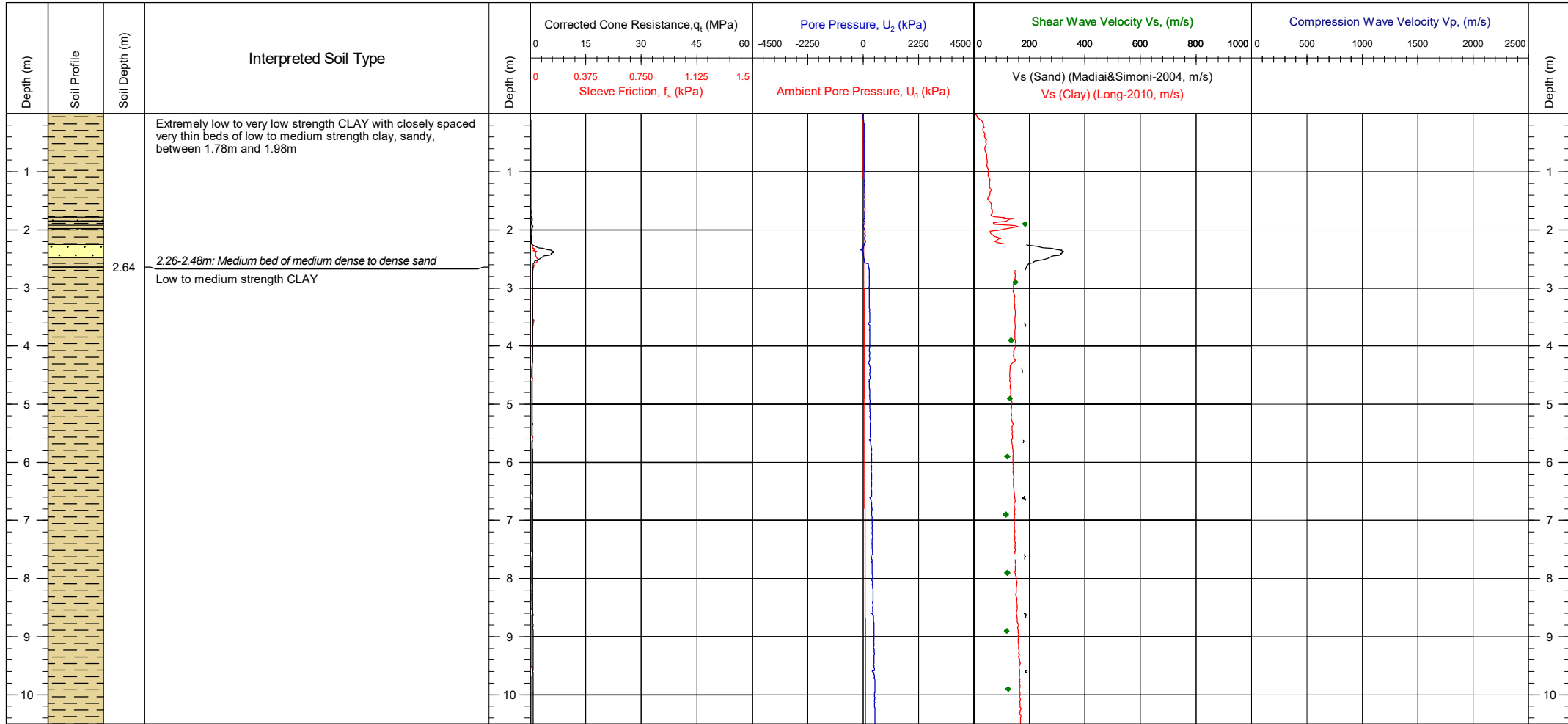
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	675126.2E	6262391.1N	CRS: ETRS89	QC Status			CPT Name SCPT17
Contract	11596	Water Depth (mMSL)	31.8		Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 18.70m. Test terminated due to sudden inclination >3 degrees in less than 1 metre	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021			JK/BC	DR	SMc	
Vessel	MV Ocean Vantage	Cone No.(type) α Factor	081208 (10cm²) / 0.78			Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°			K_{cs} : 0.5 - 2.0			
						N_{cs} : 15 - 20			
					N_{cs} : 12.5 - 16.5				
									Filename - S_CPT_17.csv



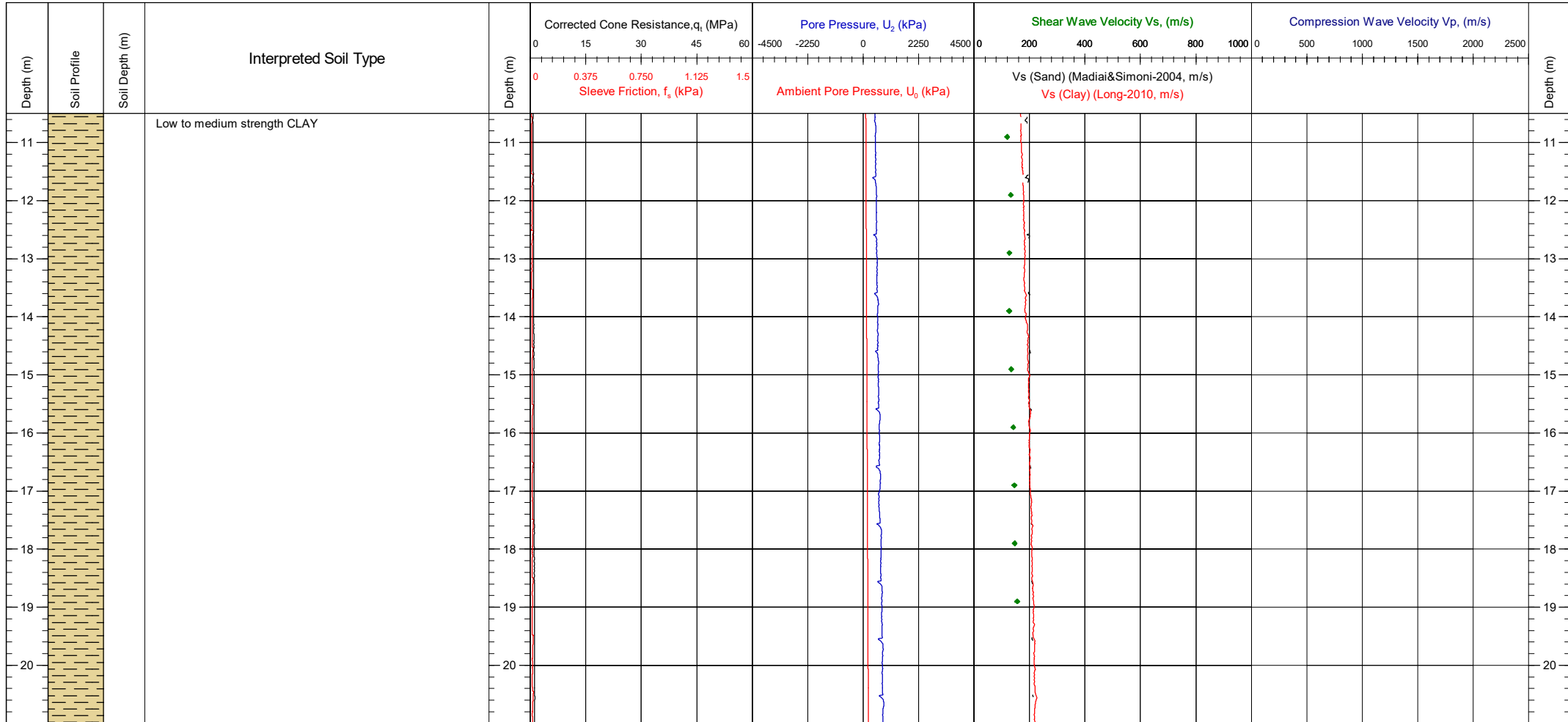
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	670633.3E 6266454.1N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	30.8	Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached	Preliminary	Draft	Final	SCPT19
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021		JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130909 (10cm ²) / 0.82		Assumed Unit Weight: 20 - 16 kN/m ³ K_{cs} : 0.5 - 2.0 N_{cs} : 15 - 20 N_{cp} : 12.5 - 16.5			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°					Filename - S-CPT-19.csv



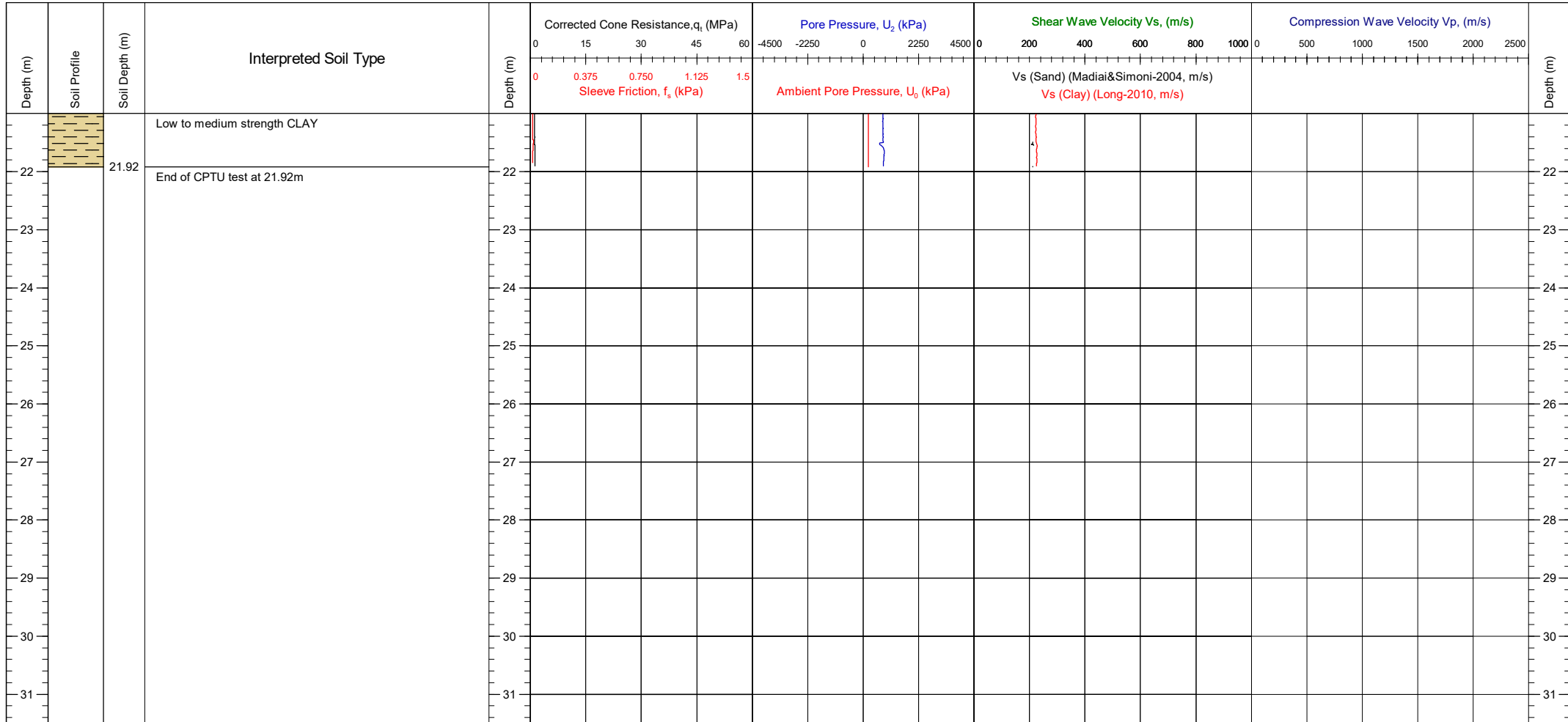
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	670633.3E 6266454.1N	CRS: ETRS89	QC Status	CPT Name		
Contract	11596	Water Depth (mMSL)	30.8	Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached			Preliminary	Draft
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021			JK/BC (07/05/2021)	DR (10/06/2021)	SMc (10/11/2021)
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130909 (10cm²) / 0.82		Assumed Unit Weight: 20 - 16 kN/m ³			Filename - S-CPT-19.csv
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°		K_{cs} : 0.5 - 2.0	N_{cs} : 15 - 20	N_{cp} : 12.5 - 16.5	



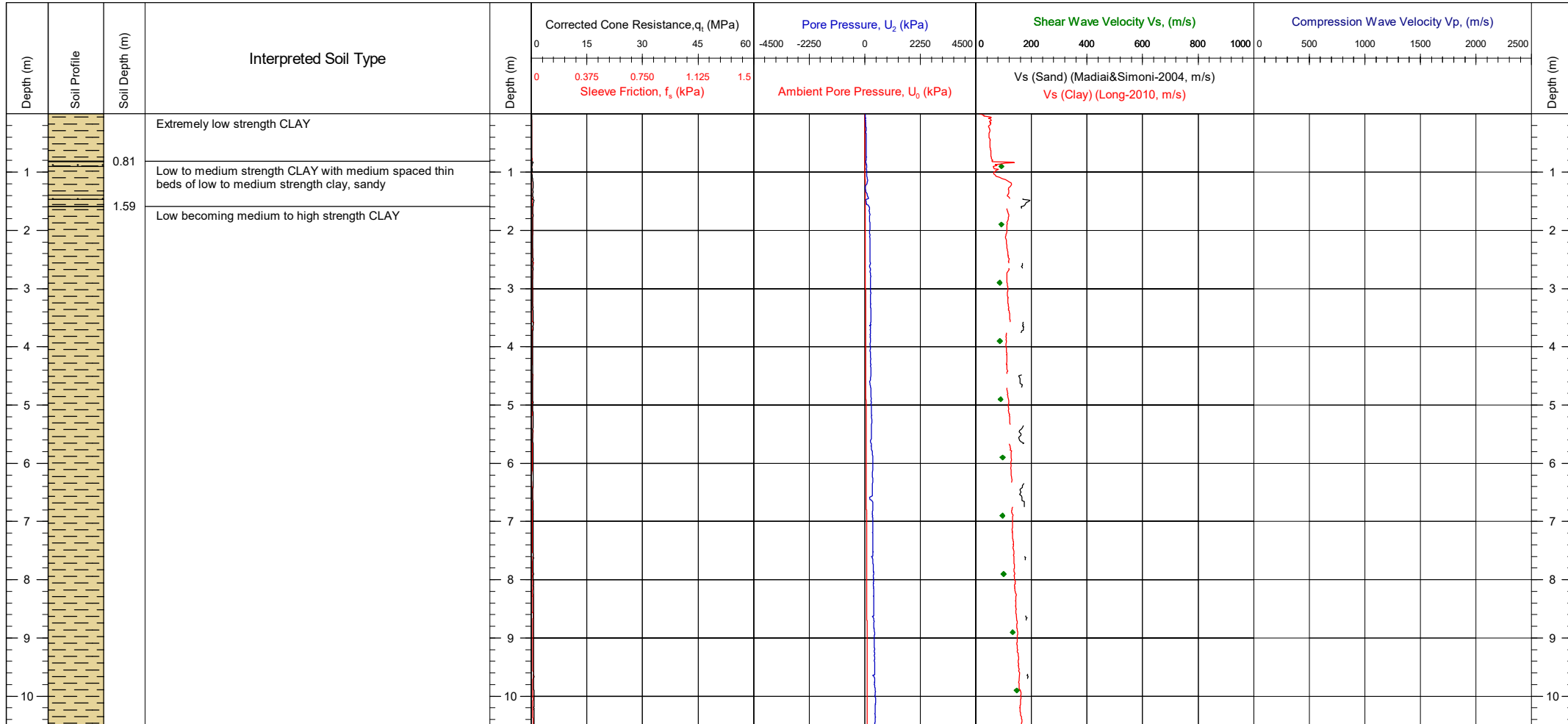
**Preliminary Investigation, Hesselø OWF
IN SITU SCPTU TESTING**



Area	Kattegat Sea	Coordinates	670633.3E 6266454.1N	CRS: ETRS89	QC Status	CPT Name							
Contract	11596	Water Depth (mMSL)	30.8	Comments: Cone class 1. Continuous seabed seismic CPT. Final depth 21.92m. Test terminated due to the maximum cone inclination of 12 degrees was reached									
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	07/05/2021		<table border="1"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC</td> <td>DR</td> <td>SMc</td> </tr> <tr> <td>(07/05/2021)</td> <td>(10/06/2021)</td> <td>(10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	JK/BC	DR	SMc	(07/05/2021)	(10/06/2021)
Preliminary	Draft	Final											
JK/BC	DR	SMc											
(07/05/2021)	(10/06/2021)	(10/11/2021)											
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130909 (10cm²) / 0.82	Assumed Unit Weight: 20 - 16 kN/m ³	Filename - S-CPT-19.csv								
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 0.9°	K_{p0} : 0.5 - 2.0 N_{p0} : 15 - 20 N_{p1} : 12.5 - 16.5									



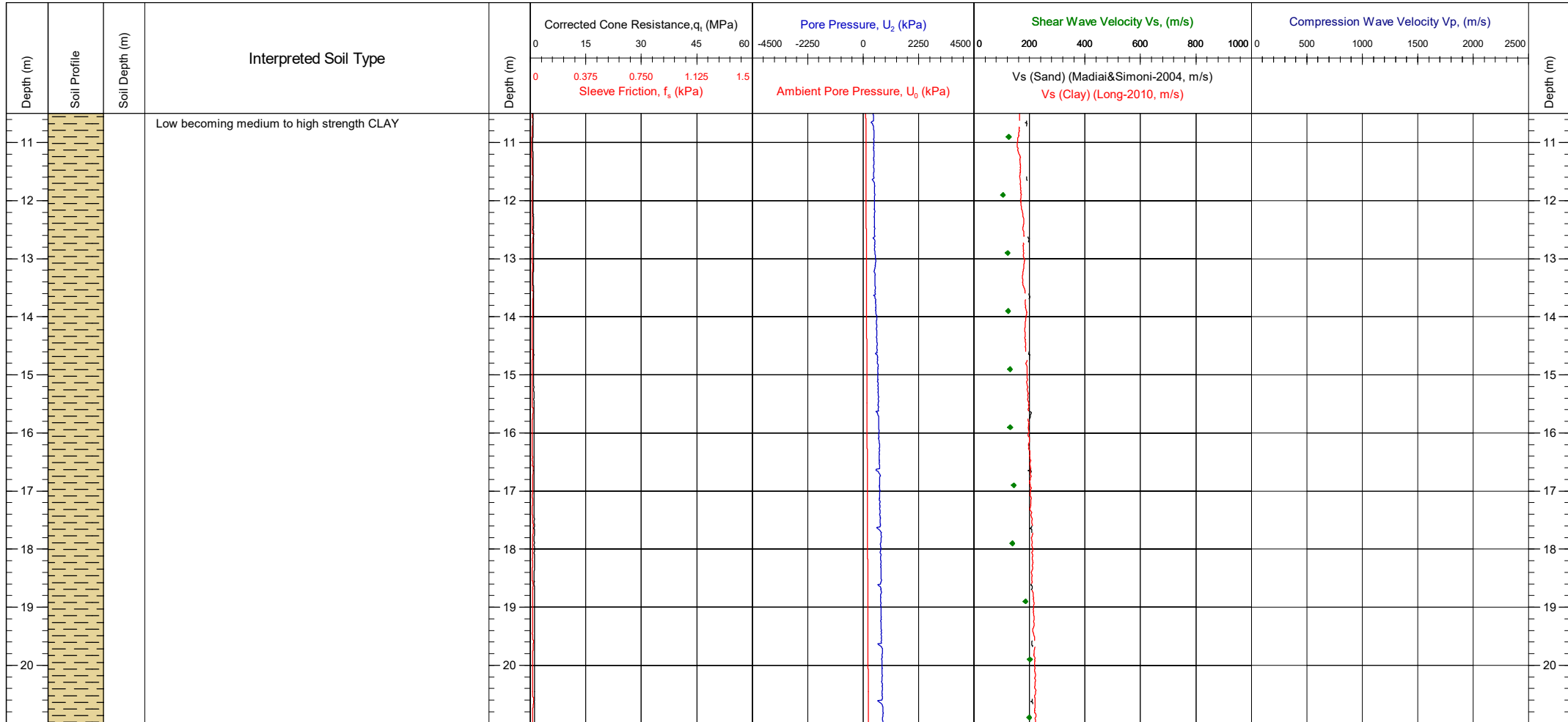
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	677715.3E 6266260.7N	CRS: ETRS89	QC Status			CPT Name SCPT21
Contract	11596	Water Depth (mMSL)	32.5	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (10cm²) / 0.80		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		K_{cp} : 0.5 - 2.0	N_{cp} : 15 - 20	N_{cp} : 12.5 - 16.5	
								Filename - S-CPT-21.csv



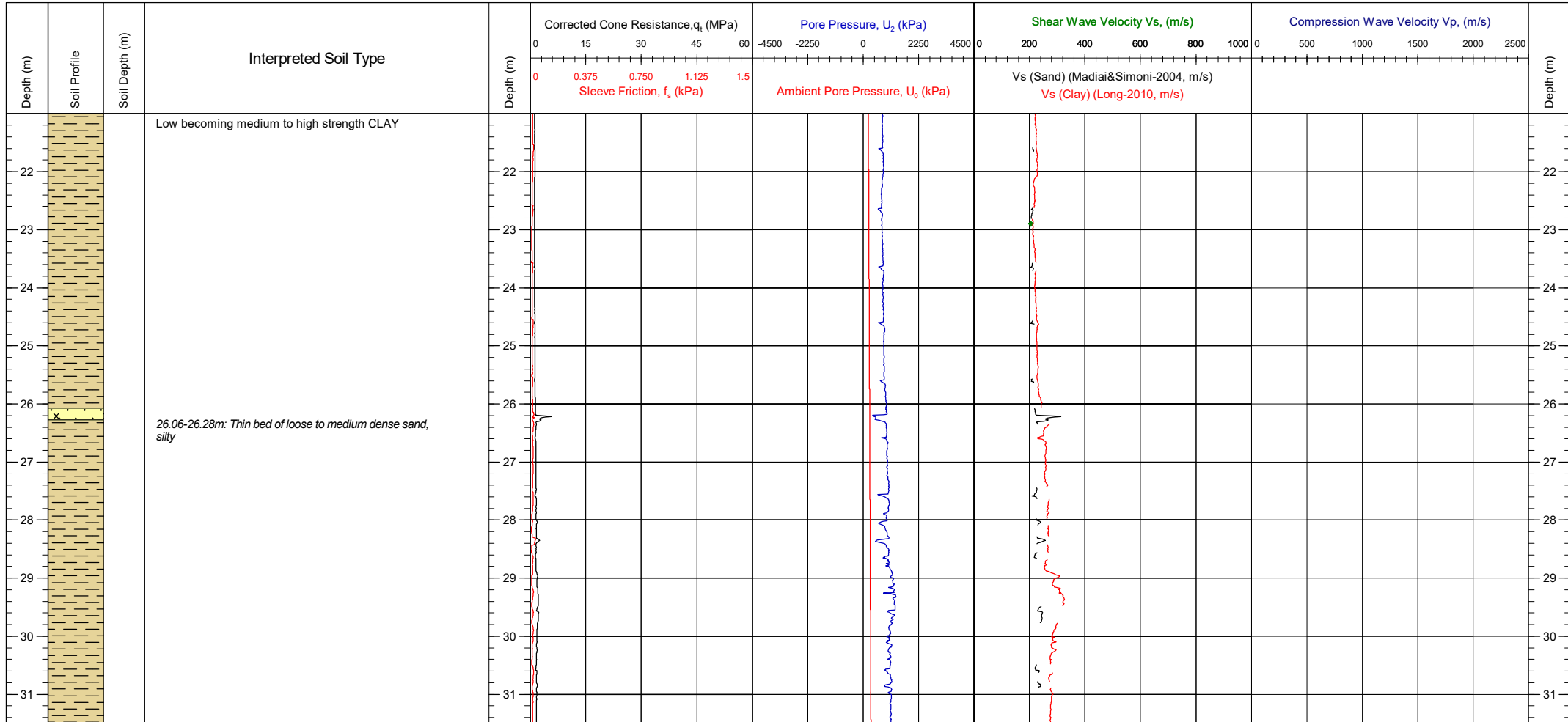
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	677715.3E 6266260.7N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	32.5	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (10cm²) / 0.80		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		K_{c1} : 0.5 - 2.0	N_{c1} : 15 - 20	N_{c2} : 12.5 - 16.5	
								Filename - S-CPT-21.csv



Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	677715.3E 6266260.7N	CRS: ETRS89	QC Status			CPT Name SCPT21
Contract	11596	Water Depth (mMSL)	32.5	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (10cm²) / 0.80		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		K_{sp} : 0.5 - 2.0	N_{sp} : 15 - 20	N_{sp} : 12.5 - 16.5	
								Filename - S-CPT-21.csv



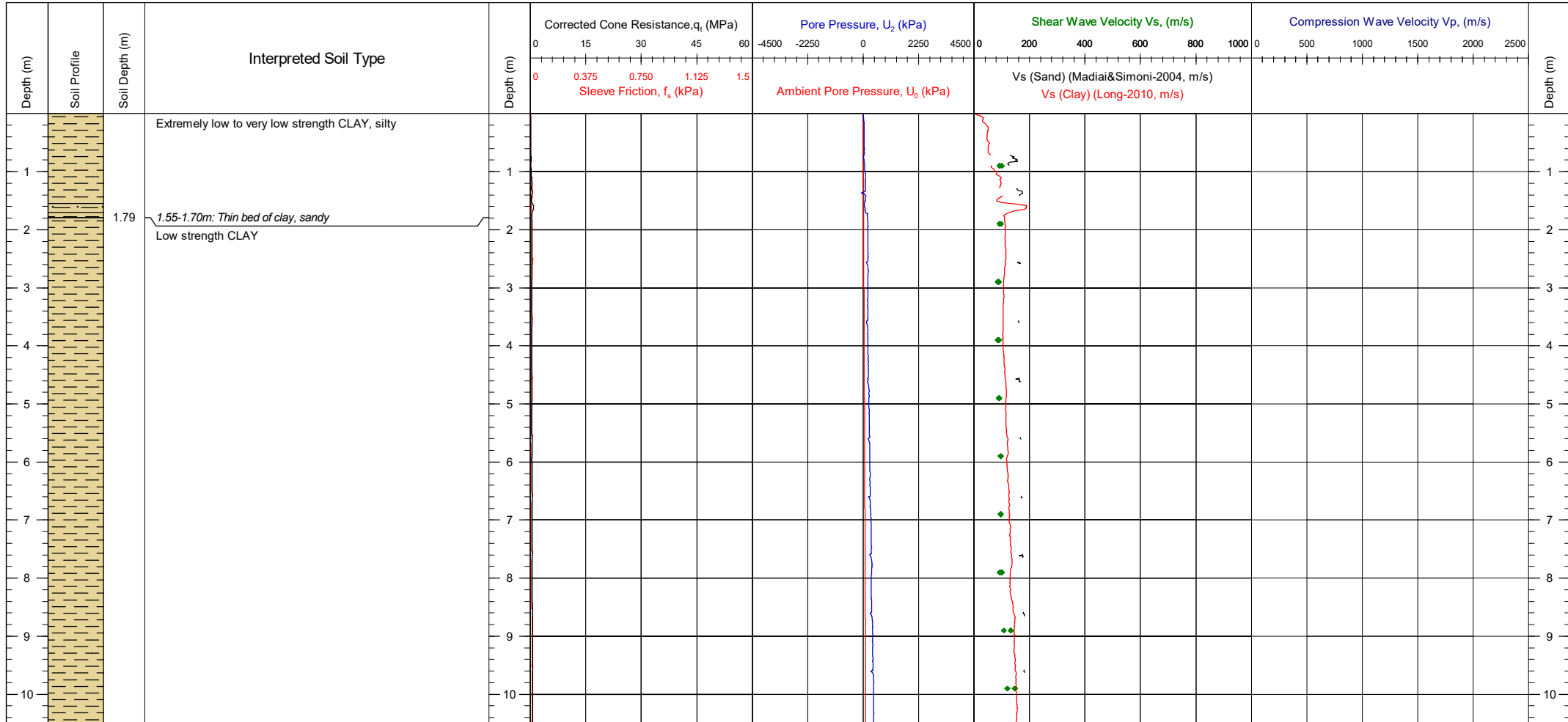
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING

Depth (m)	Soil Profile	Soil Depth (m)	Interpreted Soil Type	Corrected Cone Resistance, q_t (MPa)		Pore Pressure, U_2 (kPa)		Shear Wave Velocity V_s , (m/s)				Compression Wave Velocity V_p , (m/s)					Depth (m)								
				0	15	30	45	60	-4500	-2250	0	2250	4500	0	200	400		600	800	1000	0	500	1000	1500	2000
				0	0.375	0.750	1.125	1.5																	
					Sleeve Friction, f_s (kPa)					Ambient Pore Pressure, U_0 (kPa)					Vs (Sand) (Madiai&Simoni-2004, m/s)					Vs (Clay) (Long-2010, m/s)					
		31.68	End of CPTU test at 31.68m																						
32																								32	
33																								33	
34																								34	
35																								35	
36																								36	
37																								37	
38																								38	
39																								39	
40																								40	
41																								41	

Area	Kattegat Sea	Coordinates	677715.3E 6266260.7N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	32.5	Comments: Cone class 1. Continuous seismic seabed CPT. Final depth 31.61m. Test terminated due to rising weather conditions.	Preliminary	Draft	Final	
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (04/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	120829 (10cm ²) / 0.80		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.1° / Y = 1.0°		K_{cp} : 0.5 - 2.0	N_{cp} : 15 - 20	N_{cp} : 12.5 - 16.5	
								Filename - S-CPT-21.csv



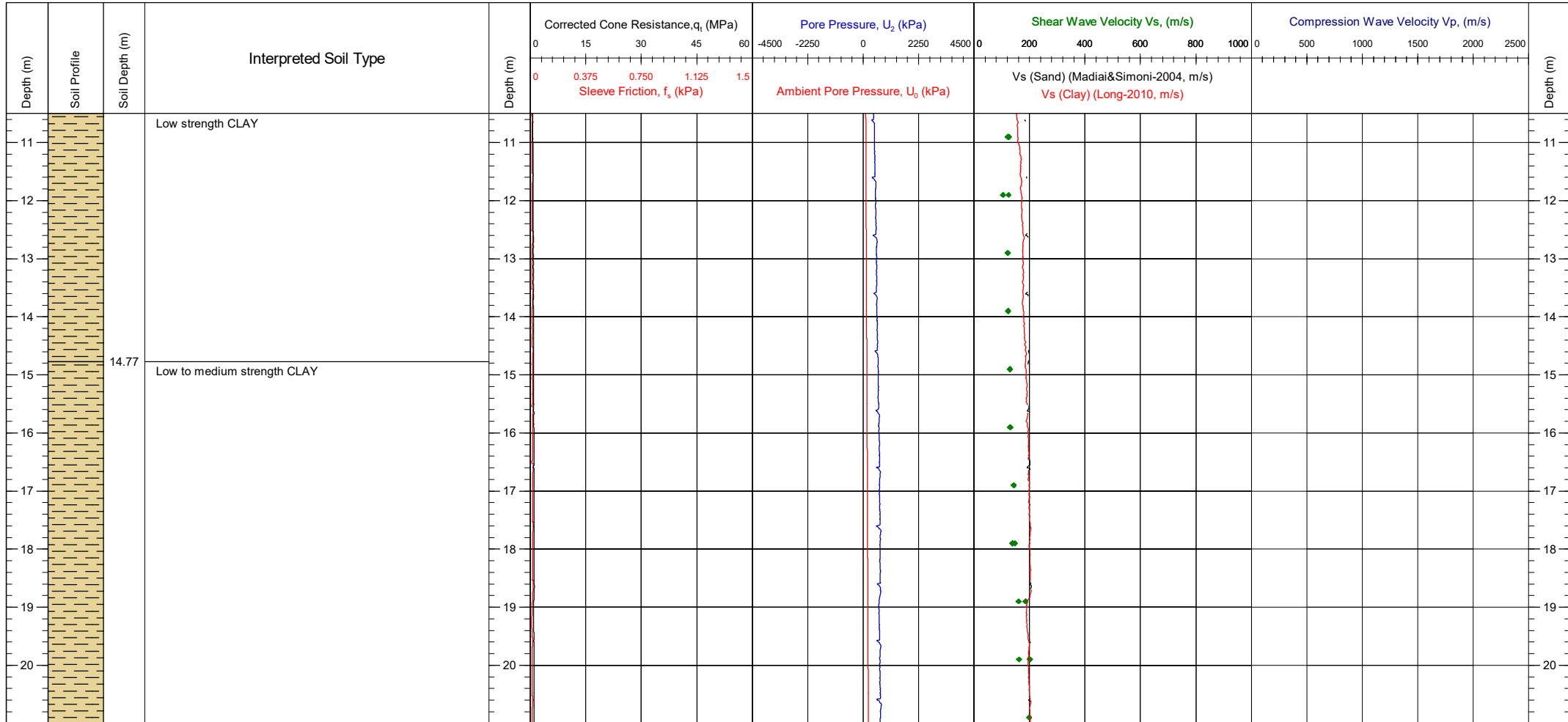
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	676059.4E 6274402.9N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.2	Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high~ Please note the derived data has been removed where seismic testing was conducted.	Preliminary	Draft	Final	SCPT24
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type) α Factor	130206 (10cm²) / 0.77		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		K_{cp} : 0.5 - 2.0	N_{cp} : 15 - 20	N_{cp} : 12.5 - 16.5	
								Filename - CPT24a.csv



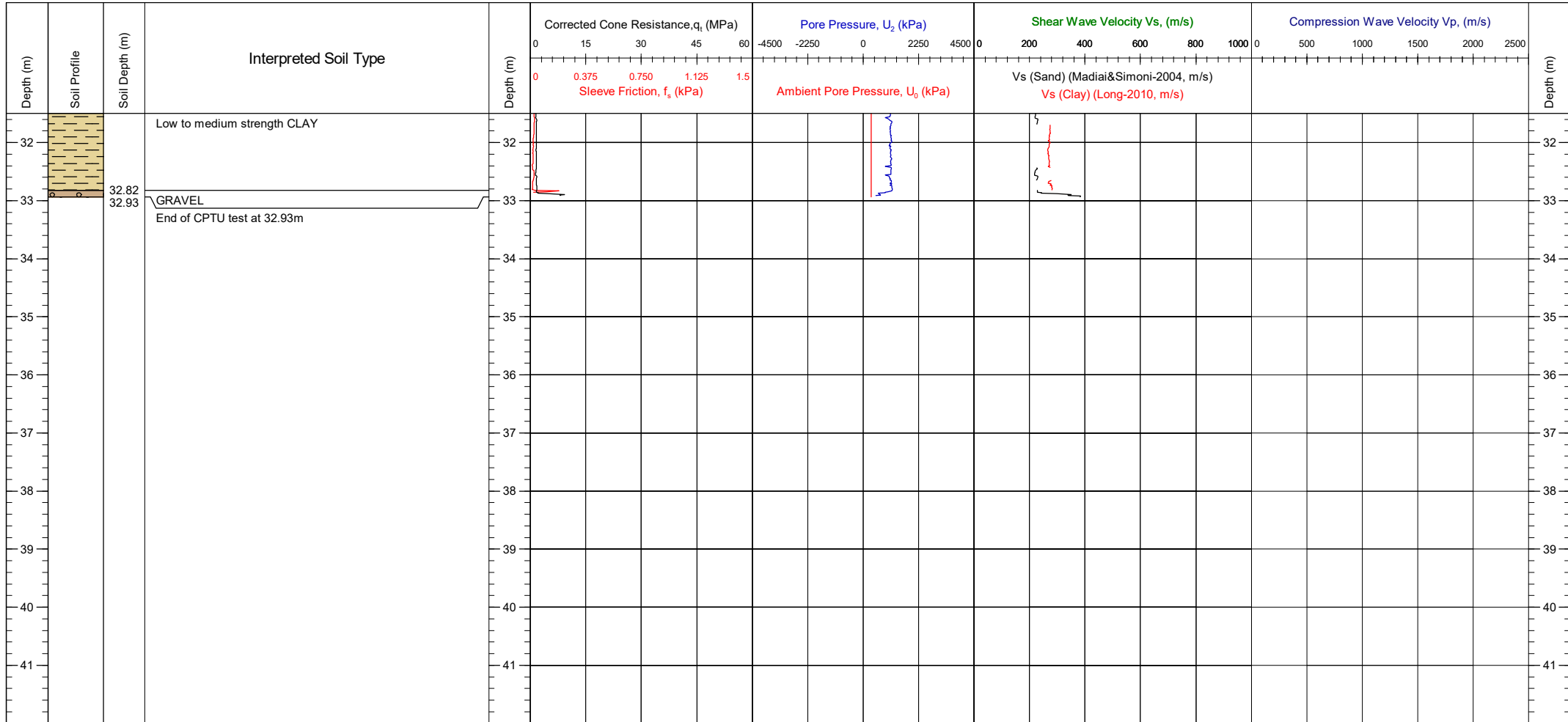
Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	676059.4E 6274402.9N	CRS: ETRS89	QC Status			CPT Name
Contract	11596	Water Depth (mMSL)	31.2	Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high~ Please note the derived data has been removed where seismic testing was conducted.	Preliminary	Draft	Final	SCPT24
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)	
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (10cm²) / 0.77		Assumed Unit Weight: 20 - 16 kN/m ³			
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°		K_{cp} : 0.5 - 2.0	N_{cp} : 15 - 20	N_{cp} : 12.5 - 16.5	
								Filename - CPT24a.csv



Preliminary Investigation, Hesselø OWF IN SITU SCPTU TESTING



Area	Kattegat Sea	Coordinates	676059.4E 6274402.9N	CRS: ETRS89	QC Status	CPT Name				
Contract	11596	Water Depth (mMSL)	31.2	Comments: Out of Class. Continuous seismic seabed CPT. Final depth 32.93m. Test terminated due sudden inclination change of 5 degrees in less than 1 metre- attempted to cycle but inclination was too high~ Please note the derived data has been removed where seismic testing was conducted.						
Client Name/Ref	Energinet Eltransmission A/S/384_20_ENE	Date of Test	03/05/2021		<table border="1" style="font-size: small;"> <tr> <td>Preliminary</td> <td>Draft</td> <td>Final</td> </tr> <tr> <td>JK/BC (03/05/2021)</td> <td>DR (10/06/2021)</td> <td>SMc (10/11/2021)</td> </tr> </table>	Preliminary	Draft	Final	JK/BC (03/05/2021)	DR (10/06/2021)
Preliminary	Draft	Final								
JK/BC (03/05/2021)	DR (10/06/2021)	SMc (10/11/2021)								
Vessel	MV Ocean Vantage	Cone No.(type)/ α Factor	130206 (10cm²) / 0.77	Assumed Unit Weight: 20 - 16 kN/m ³	SCPT24 Filename - CPT24a.csv					
CPT Unit	20 kN Sea bed CPT	Base Inclination	X = 1.2° / Y = 0.8°	K_{sp} : 0.5 - 2.0 N_{sp} : 15 - 20 N_{sp} : 12.5 - 16.5						