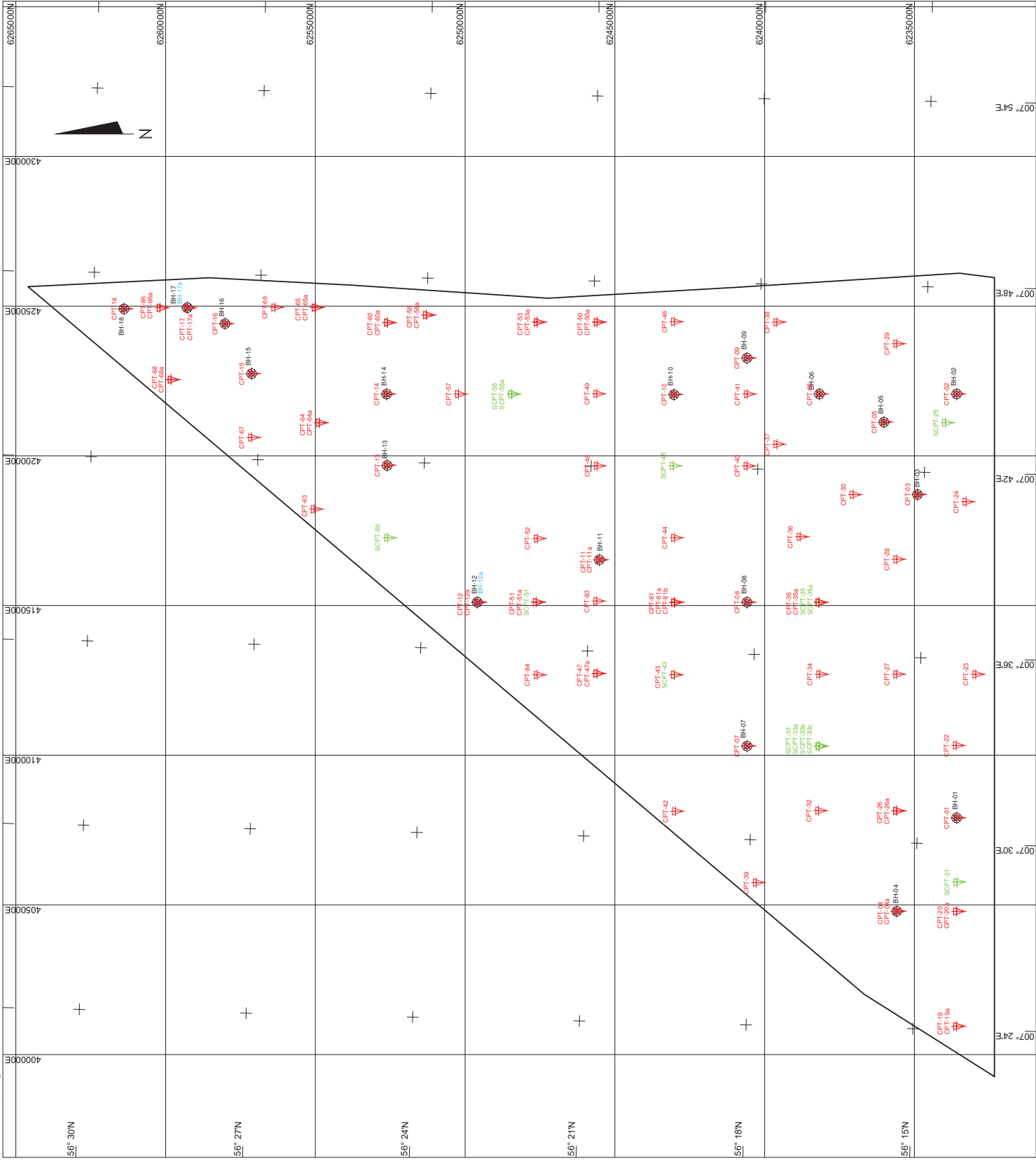


Enclosure A.01

General Location Plan

(1 page)

Final Sampling Boreholes + DTH-CPT, DTH-CPT Boreholes, Seabed CPT and SCPT Locations

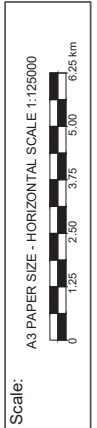


- Legend:**
- Thor OWF Boundary
 - CPT (61 Locations)
 - SCPT (14 Locations)
 - Sampling Boreholes + DTH-CPT (18 Locations)
 - DTH-CPT Boreholes (2 Locations)



Coordinate System:
 Horizontal Reference System: UTM Zone 32N / ETRS89
 Vertical Reference System: DTU15 MSL

Notes:
 Test locations executed with following equipment:
 1. GeoScope - Seabed CPT Rig
 2. GeoThor - Seismic Hammer
 3. GEO's Drilling Equipment



Contractor: **Client:**

Project:
 Thor OWF
 Geotechnical Survey
 2020

Final Sampling Boreholes + DTH-CPT, DTH-CPT Boreholes, Seabed CPT and SCPT Locations
 Chart 1 of 1 (Scale 1:125000 A3 Paper Size)

Rev.	Date	Remarks	Drawn	Checked	Approved
0	2020-08-18	First Issue	LEJ	ABP	MHF
GEO Project No. Survey Vessel			Report No.		
204307 Wilson Aftab-U6 Jill May-August, 2020			A.01		

Enclosure A.02

Detailed Location Plan

(5 pages)

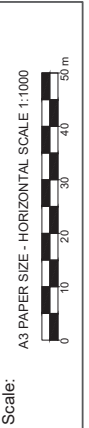
Legend:

- Seabed CPT (6 Locations)
- Seabed SCPT (14 Locations)
- Sampling Boreholes + DTH-CPT (18 Locations)
- DTH-CPT Boreholes (2 Locations)



Coordinate System:
 Horizontal Reference System: UTM Zone 32N / ETRS89
 Vertical Reference System: DTU15 MSL

Notes:
 Test locations executed with following equipment:
 1. GeoScope - Seabed CPT Rig
 2. GeoThor - Seismic Hammer
 3. Geo's Drilling Equipment

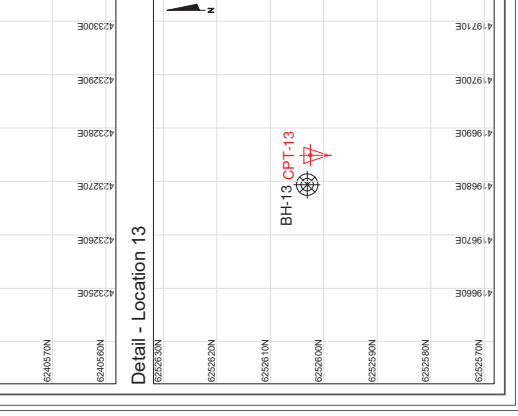
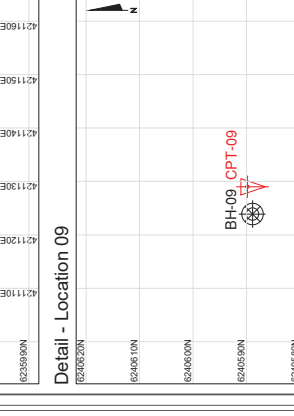
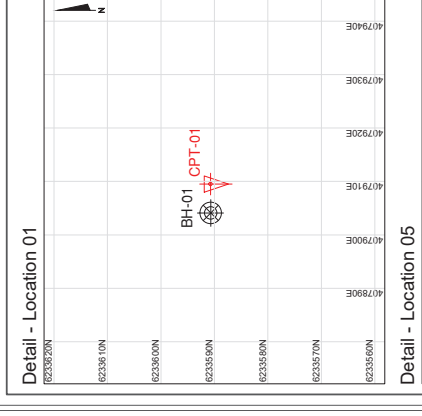
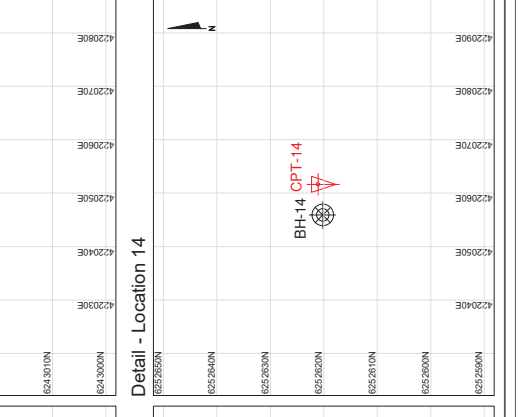
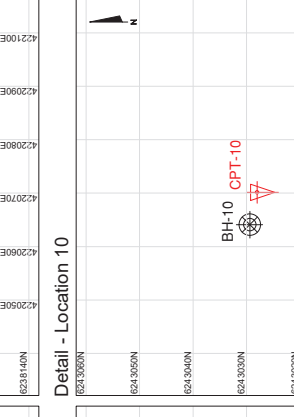
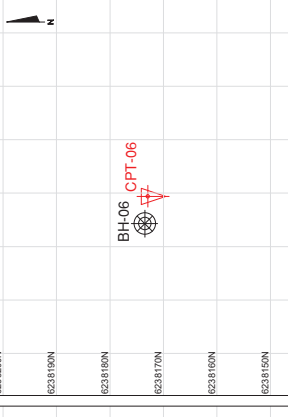
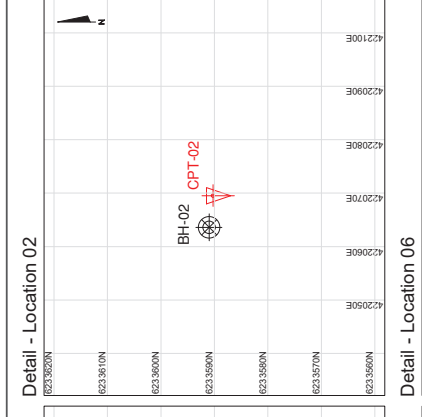
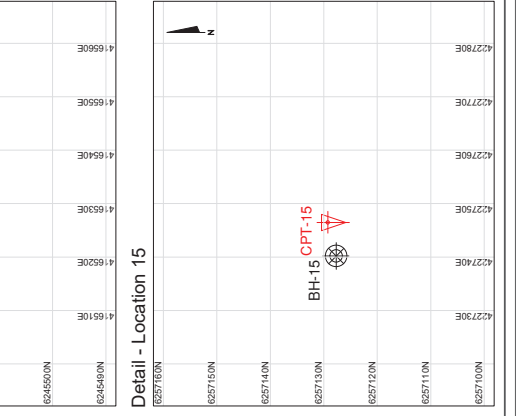
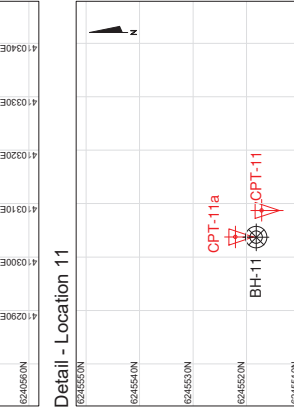
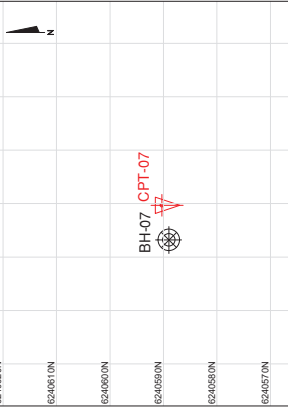
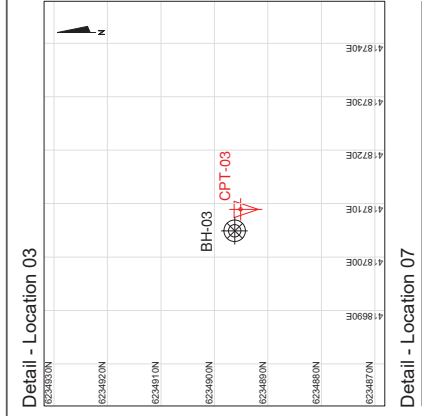
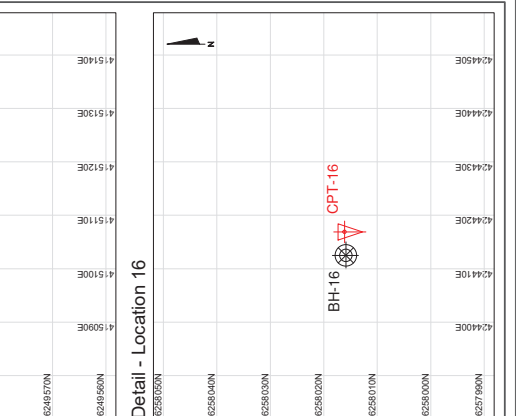
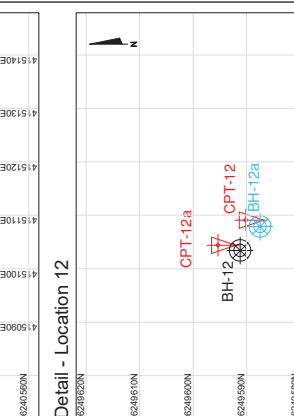
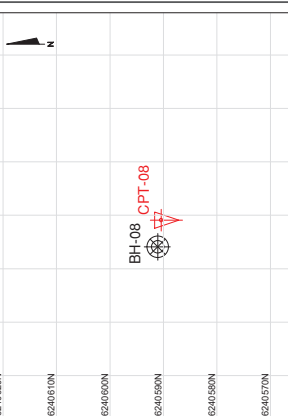
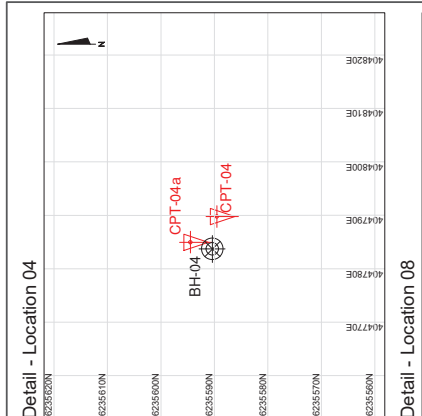


Contractor: **Client:**

Project: Thor OWF Geotechnical Survey 2020
 Detailed Location Plan

Chart 1 of 5 (Scale 1:1000 A3 Paper Size)

Rev.	Date	Remarks	Drawn	Checked	Approved
0	2020-10-01	First Issue	LEJ	ABP	MHF
GEO Project No. Survey Vessels			Report No.		
204307			Wilson Aftab-U6 Jill May-August, 2020		
			A.02		



Legend:

- Seabed CPT (6 Locations)
- Seabed SCPT (14 Locations)
- Sampling Boreholes + DTH-CPT (18 Locations)
- DTH-CPT Boreholes (2 Locations)



Coordinate System:
 Horizontal Reference System: UTM Zone 32N / ETRS89
 Vertical Reference System: DTU15 MSL

Notes:
 Test locations executed with following equipment:
 1. GeoScope - Seabed CPT Rig
 2. GeoThor - Seismic Hammer
 3. Geo's Drilling Equipment

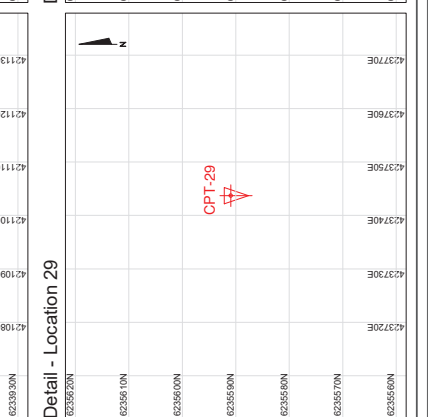
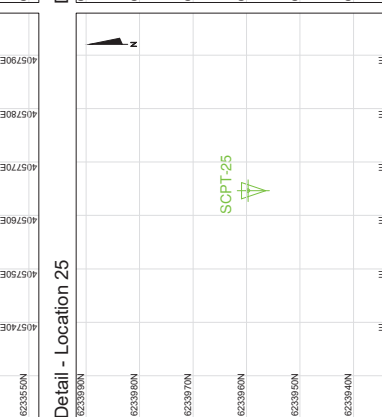
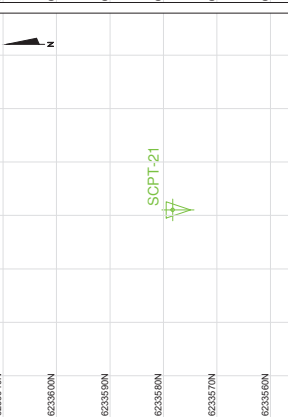
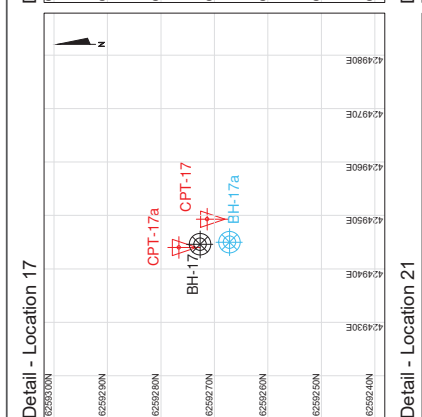
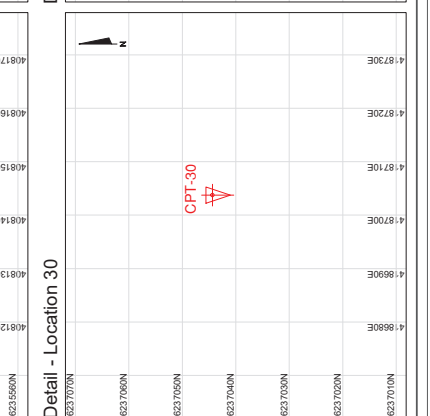
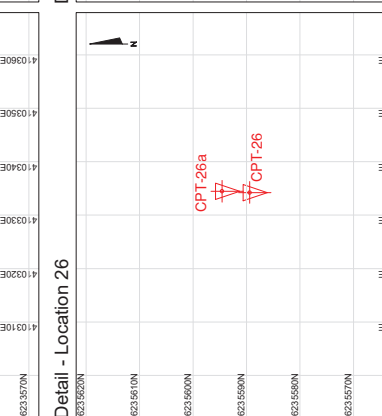
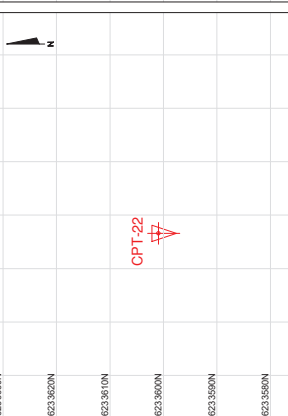
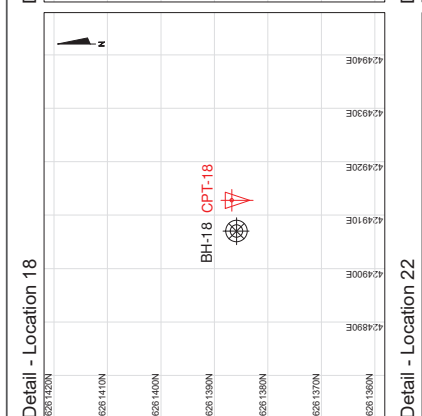
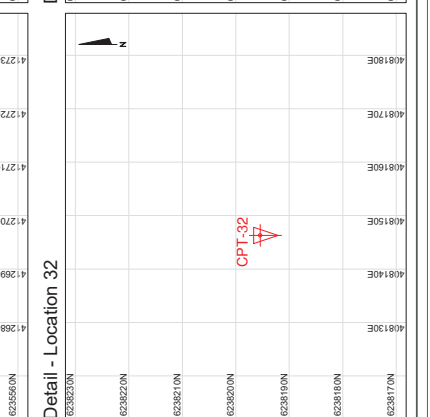
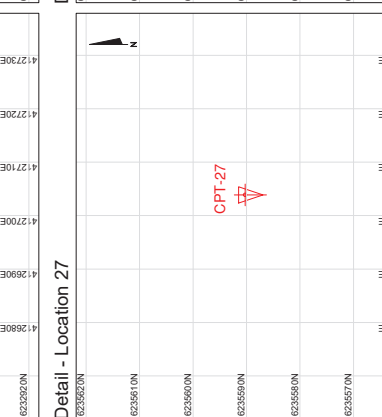
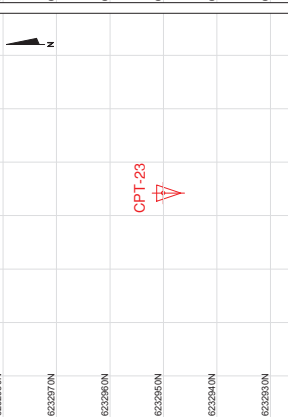
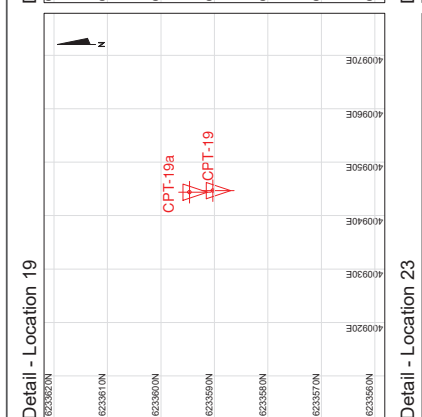
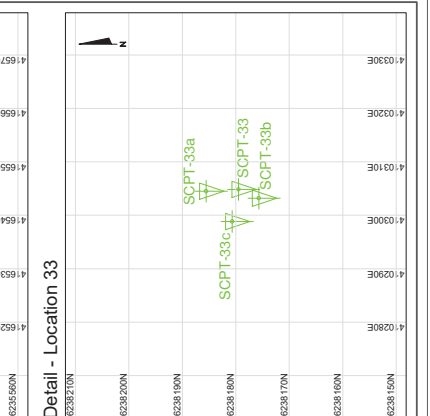
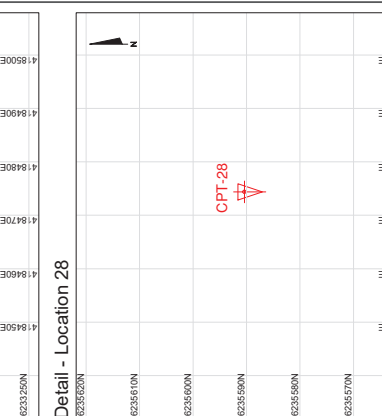
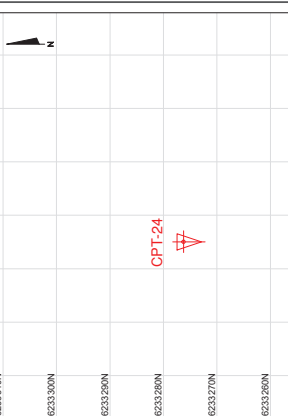
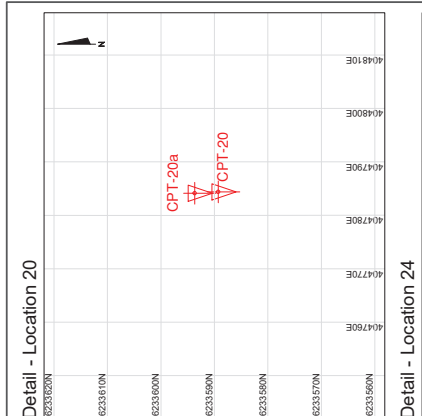
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 A3 PAPER SIZE - HORIZONTAL SCALE 1:1000

Contractor: **Geo** SUBSURFACE EXPERTISE
Client: **ENERGINET**

Project:
 Thor OWF
 Geotechnical Survey
 2020
 Detailed Location Plan

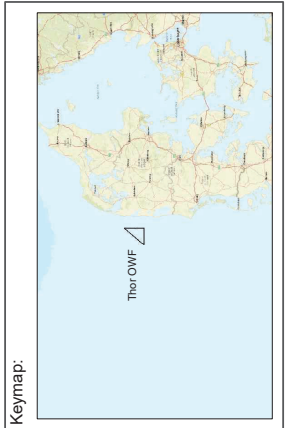
Chart 2 of 5 (Scale 1:1000 A3 Paper Size)

Rev.	Date	Remarks	Drawn	Checked	Approved
0	2020-10-01	First Issue	LEJ	ABP	MHF
Geo Project No.: Survey Vessels			Report No.		
204307			Wilson Afdrials-U6 Julll. May-August, 2020		
			Ect. No. A.02		



Legend:

-  Seabed CPT (6 Locations)
-  Seabed SCPT (14 Locations)
-  Sampling Boreholes + DTH-CPT (18 Locations)
-  DTH-CPT Boreholes (2 Locations)



Coordinate System:
 Horizontal Reference System: UTM Zone 32N / ETRS89
 Vertical Reference System: DTU15 MSL

Notes:
 Test locations executed with following equipment:
 1. GeoScope - Seabed CPT Rig
 2. GeoThor - Seismic Hammer
 3. Geo's Drilling Equipment

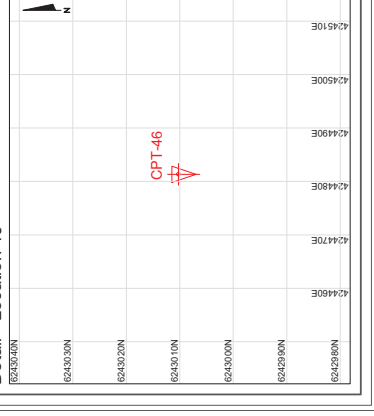
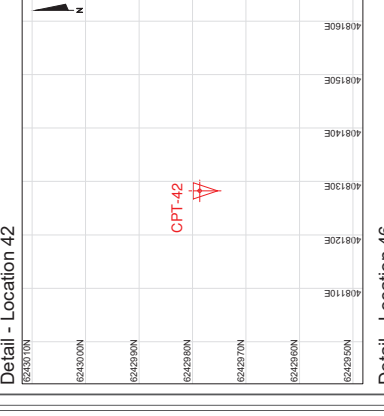
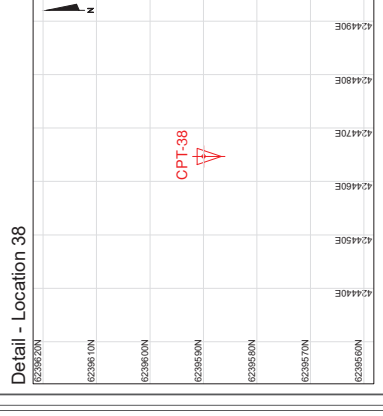
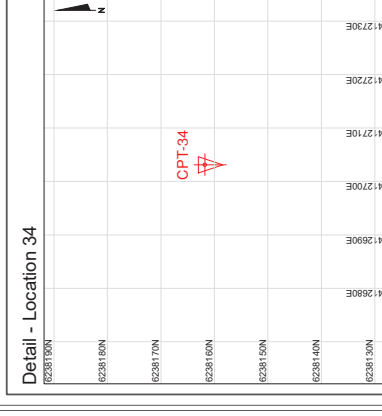
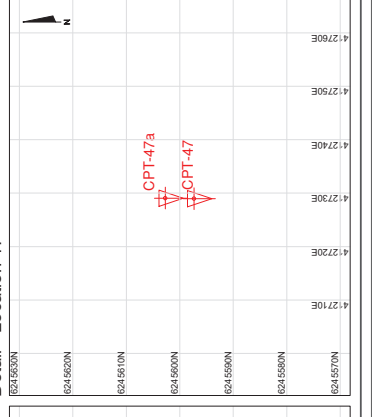
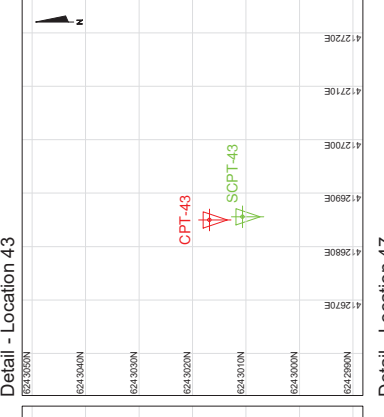
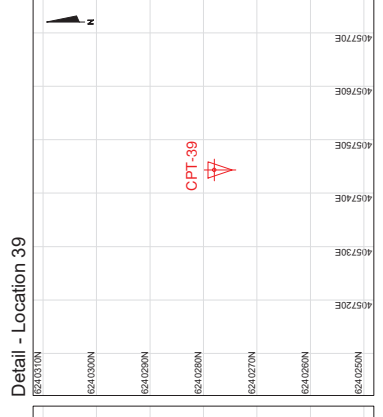
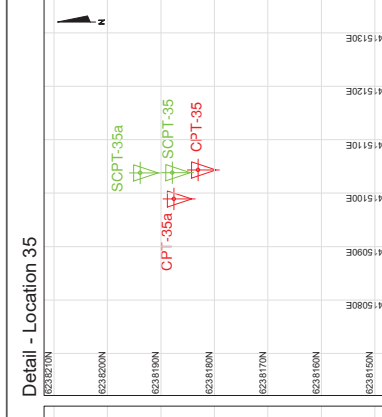
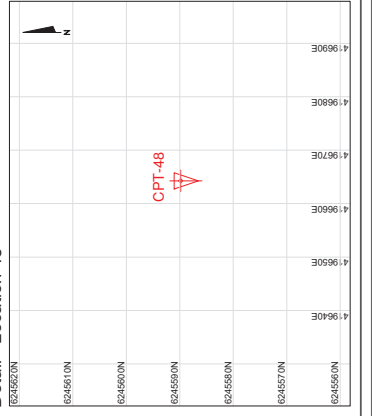
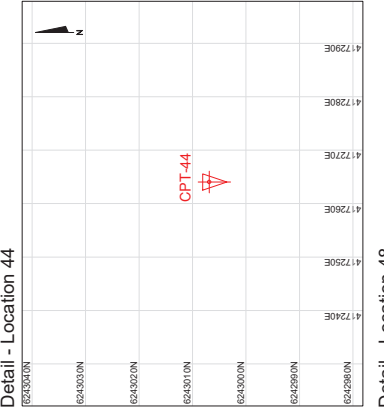
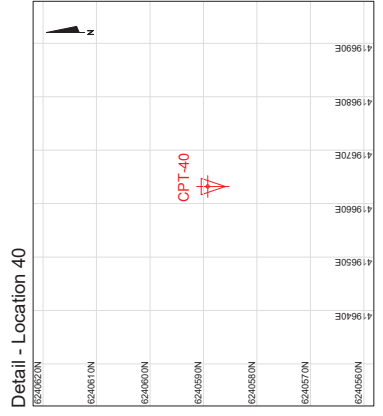
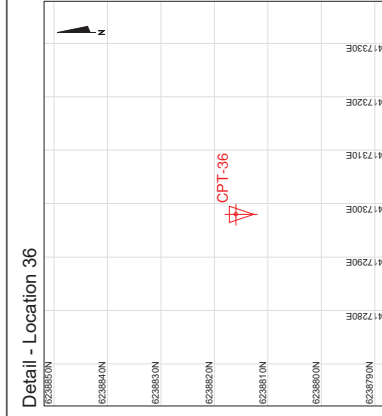
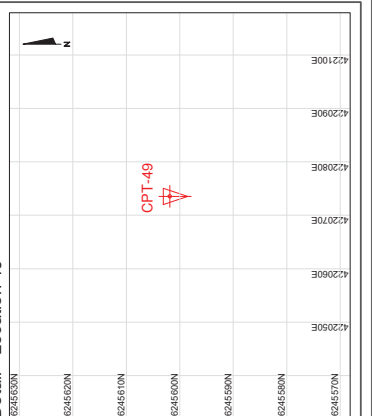
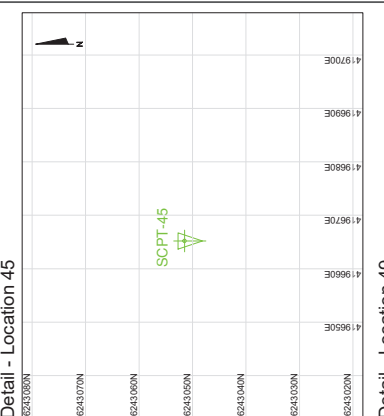
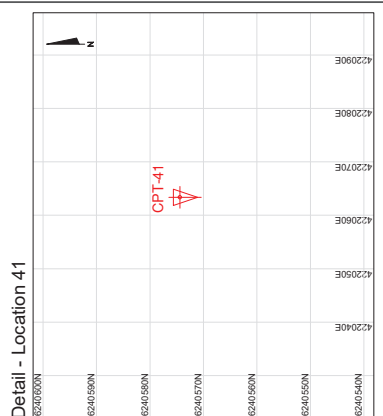
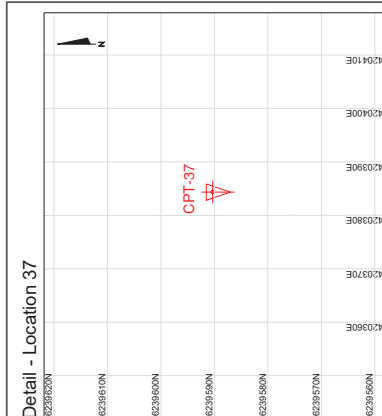


Contractor:  **Client:** 

Project: Thor OWF Geotechnical Survey 2020
 Detailed Location Plan

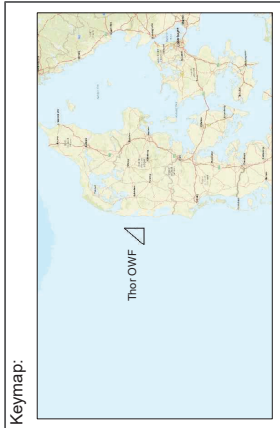
Chart 3 of 5 (Scale 1:1000 A3 Paper Size)

Rev.	Date	Remarks	Drawn	Checked	Approved
0	2020-10-01	First Issue	LEJ	ABP	MHF
GEO Project No. Survey Vessel			Report No.		
204307			Wilson Aftab-U6 Jill May-August, 2020		



Legend:

- Seabed CPT (6 Locations)
- Seabed SCPT (14 Locations)
- Sampling Boreholes + DTH-CPT (18 Locations)
- DTH-CPT Boreholes (2 Locations)



Coordinate System:
 Horizontal Reference System: UTM Zone 32N / ETRS89
 Vertical Reference System: DTU15 MSL

Notes:
 Test locations executed with following equipment:
 1. GeoScope - Seabed CPT Rig
 2. GeoThor - Seismic Hammer
 3. Geo's Drilling Equipment

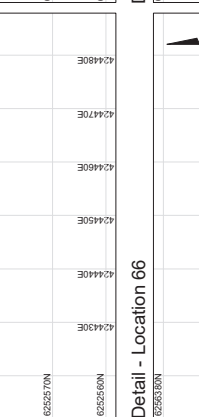
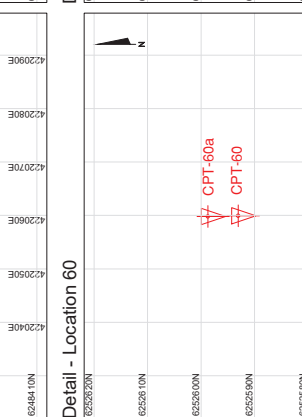
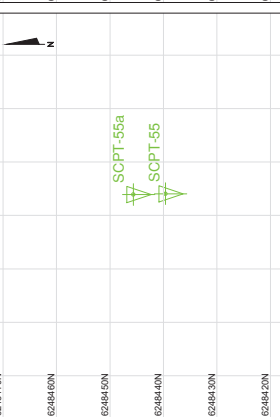
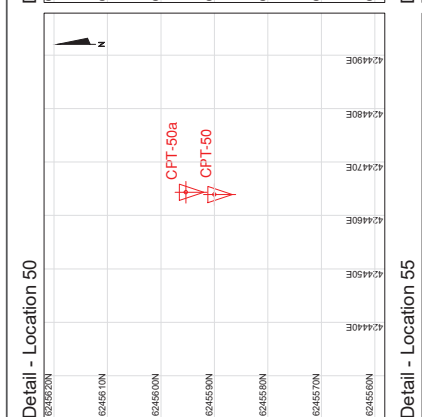
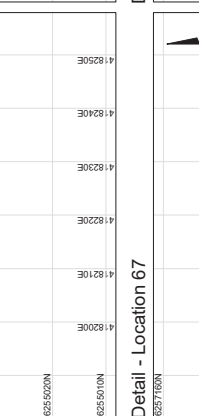
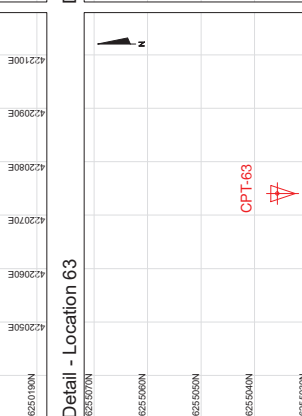
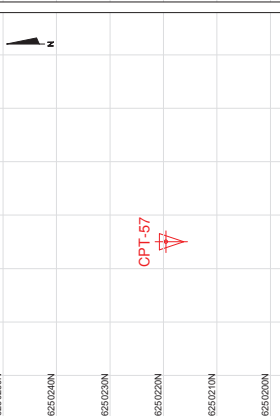
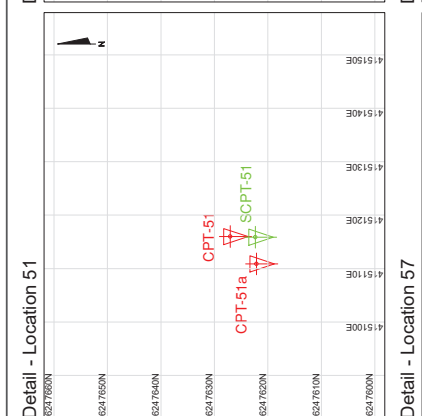
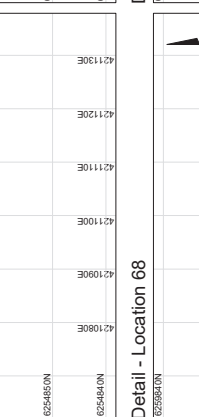
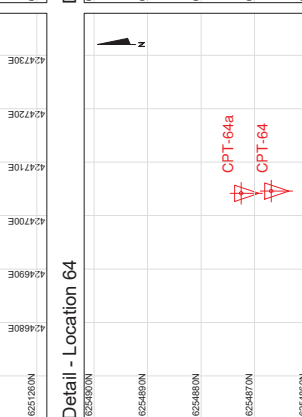
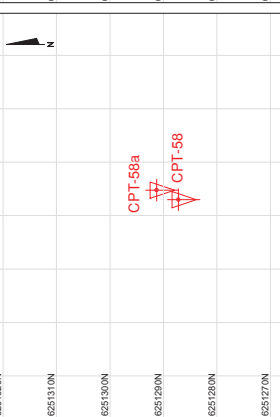
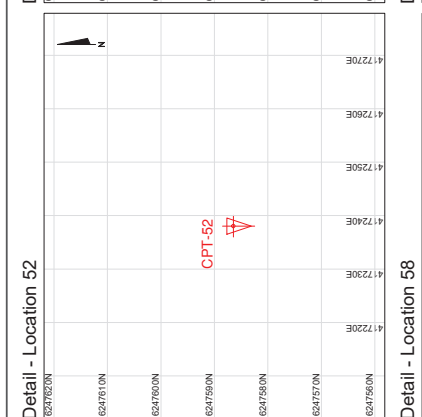
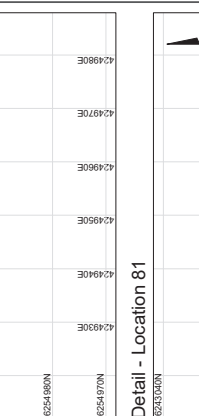
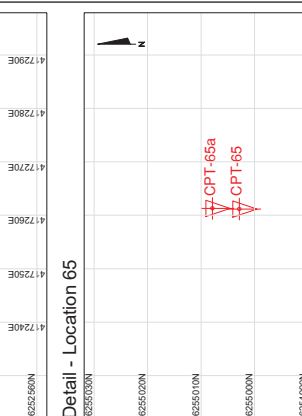
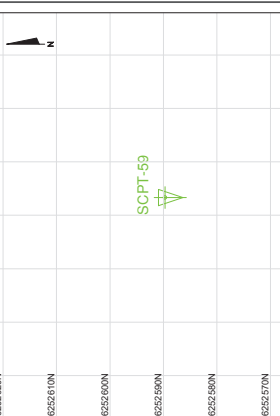
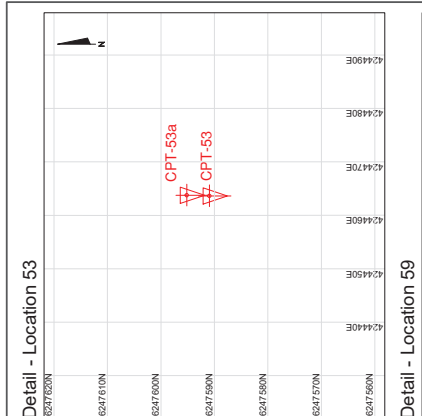


Contractor: **Client:**

Project:
 Thor OWF
 Geotechnical Survey
 2020
 Detailed Location Plan

Chart 4 of 5 (Scale 1:1000 A3 Paper Size)

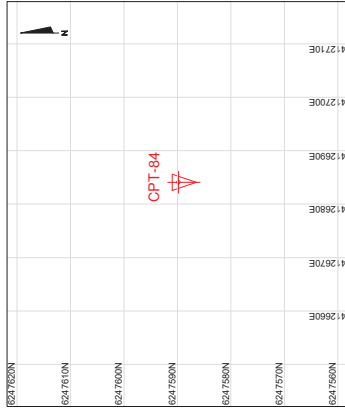
Rev.	Date	Remarks	Drawn	Checked	Approved
0	2020-10-01	First Issue	LEJ	ABP	MHF
GEO Project No. Survey Vessel			Report No.		
204307			Wilson Aftab-U6 Jill May-August, 2020		
			A.02		



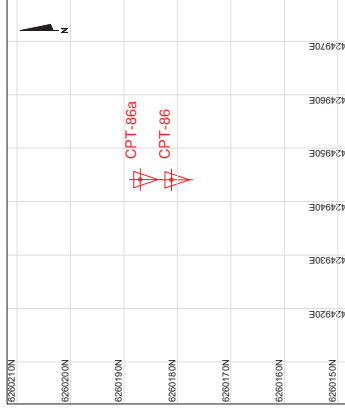
Detail - Location 83







Detail - Location 84



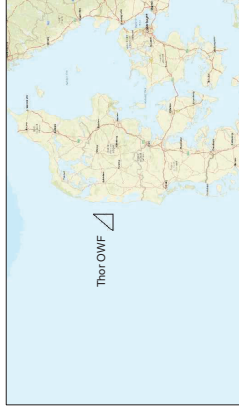
Detail - Location 86



Legend:

-  Seabed CPT (6 Locations)
-  Seabed SCPT (14 Locations)
-  Sampling Boreholes + DTH-CPT (18 Locations)
-  DTH-CPT Boreholes (2 Locations)

Keymap:



Coordinate System:

Horizontal Reference System: UTM Zone 32N / ETRS89
Vertical Reference System: DTU15 MSL

Notes:

- Test locations executed with following equipment:
1. GeoScope - Seabed CPT Rig
 2. GeoThor - Seismic Hammer
 3. Geo's Drilling Equipment

Scale:

A3 PAPER SIZE - HORIZONTAL SCALE 1:1000



Contractor:



Client:



Project:

Thor OWF
Geotechnical Survey
2020

Detailed Location Plan

Chart 5 of 5 (Scale 1:1000 A3 Paper Size)

Rev.	Date	Remarks	Drawn	Checked	Approved
0	2020-10-01	First Issue	LEJ	ABP	MHF
GEO Project No: 204507			Survey Vessel: Wilson Adriatic-U6 Jull		
			Report No: A.02		

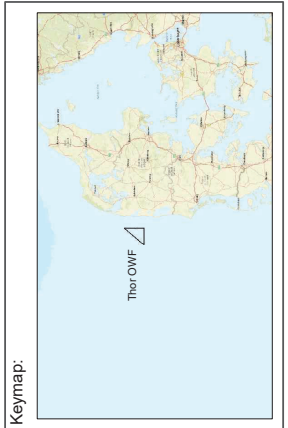
Enclosure A.03

Geological Cross Sections Overview

(1 page)

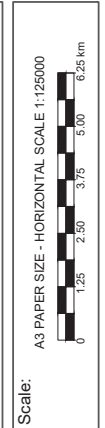
Legend:

- Thor OWF Boundary
- Seabed CPT (61 Locations)
- Seabed SCPT (14 Locations)
- Sampling Boreholes + DTH-CPT (18 Locations)
- DTH-CPT Boreholes (2 Locations)
- Cross Sections (Multiple Colors w. ID)



Coordinate System:
 Horizontal Reference System: UTM Zone 32N / ETRS89
 Vertical Reference System: DTU15 MSL

Notes:
 Test locations executed with following equipment:
 1. GeoScope - Seabed CPT Rig
 2. GeoThor - Seismic Hammer
 3. Geo's Drilling Equipment
 4. Profile Sections generated using clients 1m DTM grid



Contractor:

Client:

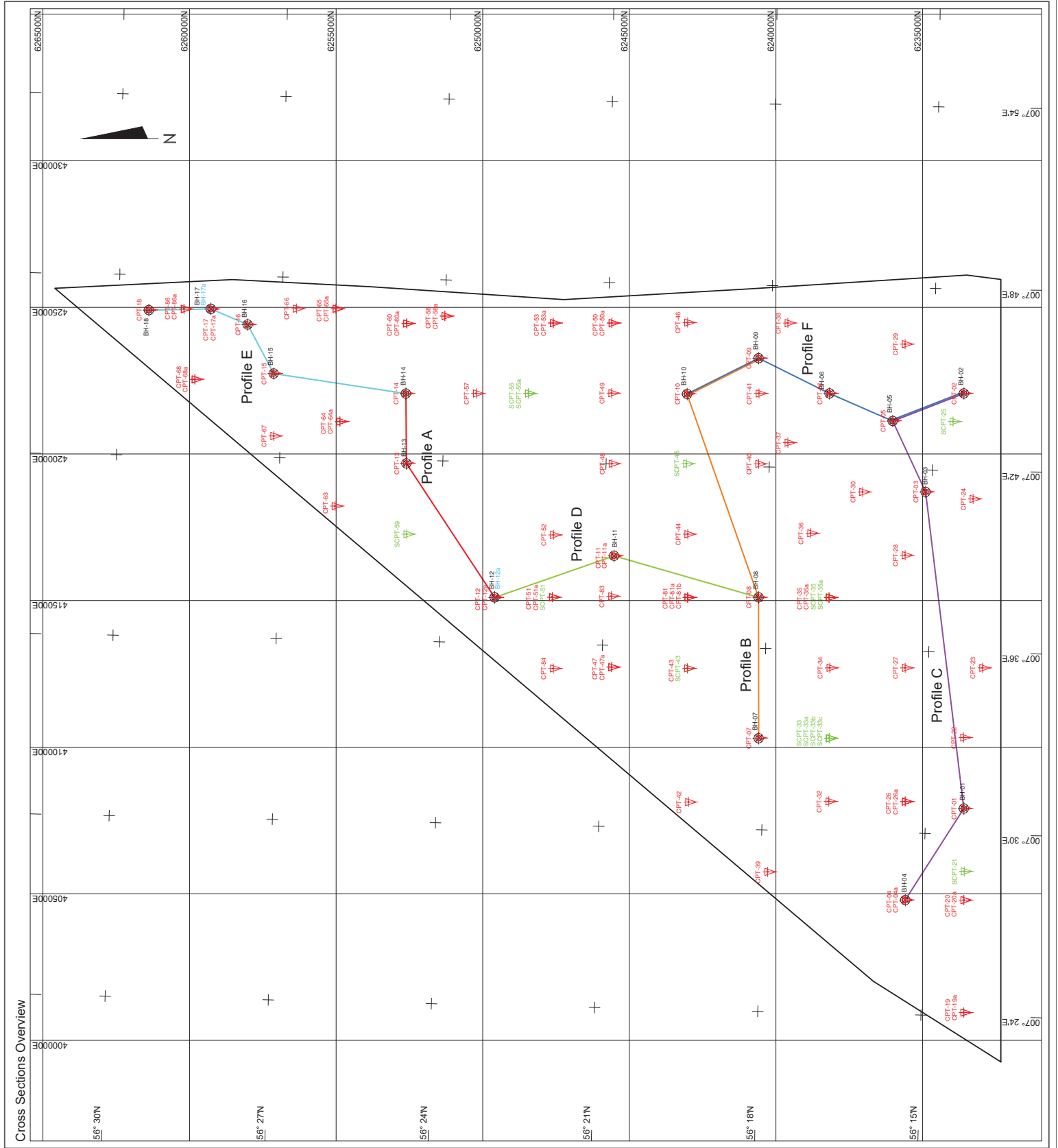
Project: Thor OWF Geotechnical Survey 2020

Cross Sections Overview

Chart 1 of 1 (Scale 1:125000 A3 Paper Size)

Rev.	Date	Remarks	Drawn	Checked	Approved
0	2020-10-08	First Issue	LEJ	ABP	MHF

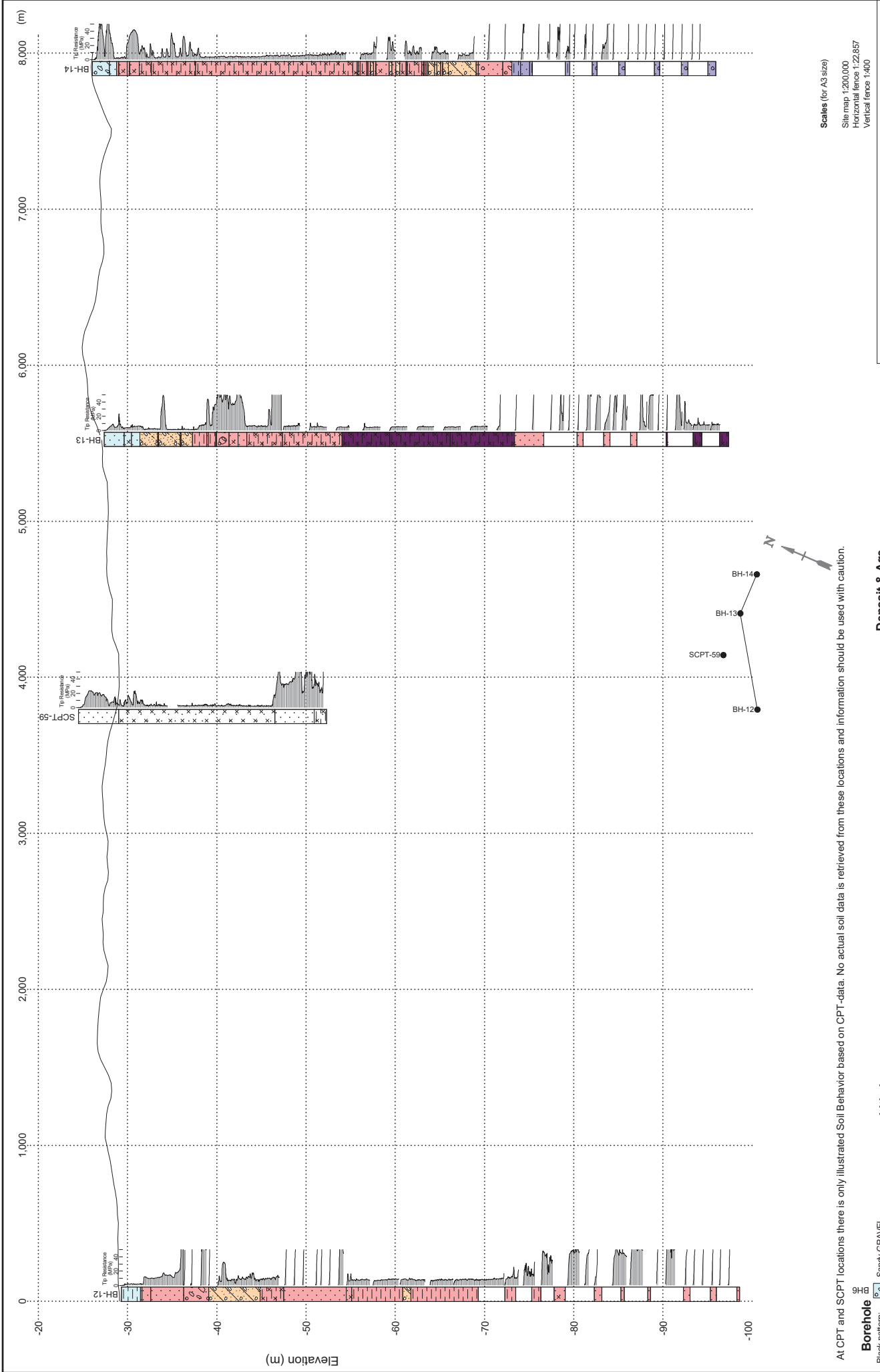
GEO Project No.: Survey Vessels: Report No.:
 204307 | Wilson Afdrials-LJ6 Jull | May-August, 2020 | A.03



Enclosure A.04

Geological Cross Sections

(6 pages)



Scales: (for A3 size)

Site map 1:200,000
Horizontal fence 1:22,857
Vertical fence 1:400

Geological Cross Section: Profile A

GEO Project:	204307 Thor OWF
Prepared:	MHE Date: 2020-11-13
Checked:	LTR Date: 2020-11-13
Approved:	MHF Date: 2020-11-13

Deposit & Age

Ma Pg	Mw Lg/Gc	Unknown / Uncertain
Fw Lg	Gl Gc	
Fw Ig	Ma Ng	

Lithology

CLAY	SAND	SANDY SAND	SANDY SILTY SAND
Silty CLAY	Silty SAND	Silty SANDY SAND	Silty SANDY SILTY SAND
Cobbly GRAVEL			

MORAINEL / CLAY TILL

MORAINEL / CLAY TILL	SANDY SILT

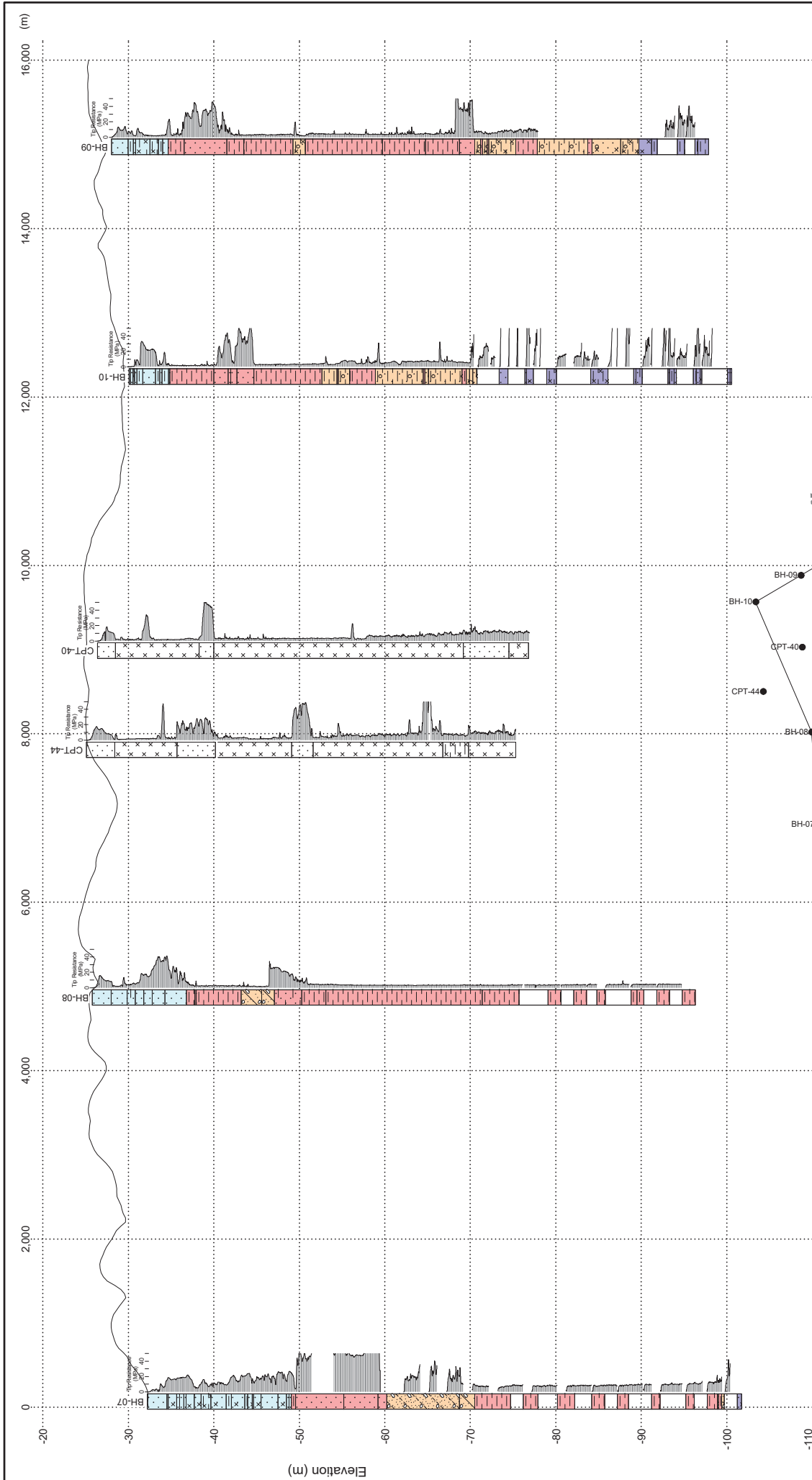
SANDY GRAVEL

SANDY GRAVEL	MORAINESAND / SAND TILL	GRAVELLY SAND

Borehole
 Black pattern: lithology
 Colour fill: deposit & age
 Colourless base: Lithology interpreted from CPT

At CPT and SCPT locations there is only illustrated Soil Behavior based on CPT-data. No actual soil data is retrieved from these locations and information should be used with caution.





At CPT and SCPT locations there is only illustrated Soil Behavior based on CPT-data. No actual soil data is retrieved from these locations and information should be used with caution.

Scales (for A3 size)
 Site map 1:200,000
 Horizontal fence 1:45,714
 Vertical fence 1:450

Aorehole

Black pattern: lithology
 Colour fill: deposit & age
 Colourless base: Lithology interpreted from CPT

	Sandy GRAVEL
	Ma Pg
	SAND
	Mw Lg Gc
	SANDY GRAVELLY CLAY (not specified)

Lithology

	SAND
	CLAY
	Clay/Silt

	Silty SAND
	MORI NESAND / SAND T&E
	Silty sandy gravelly CLAY
	S&ET
	MORI NELER / CLAY T&E
	SANDY GRAVELLY CLAY
	Silty CLAY
	Clayey SAND
	Silty gravelly SAND

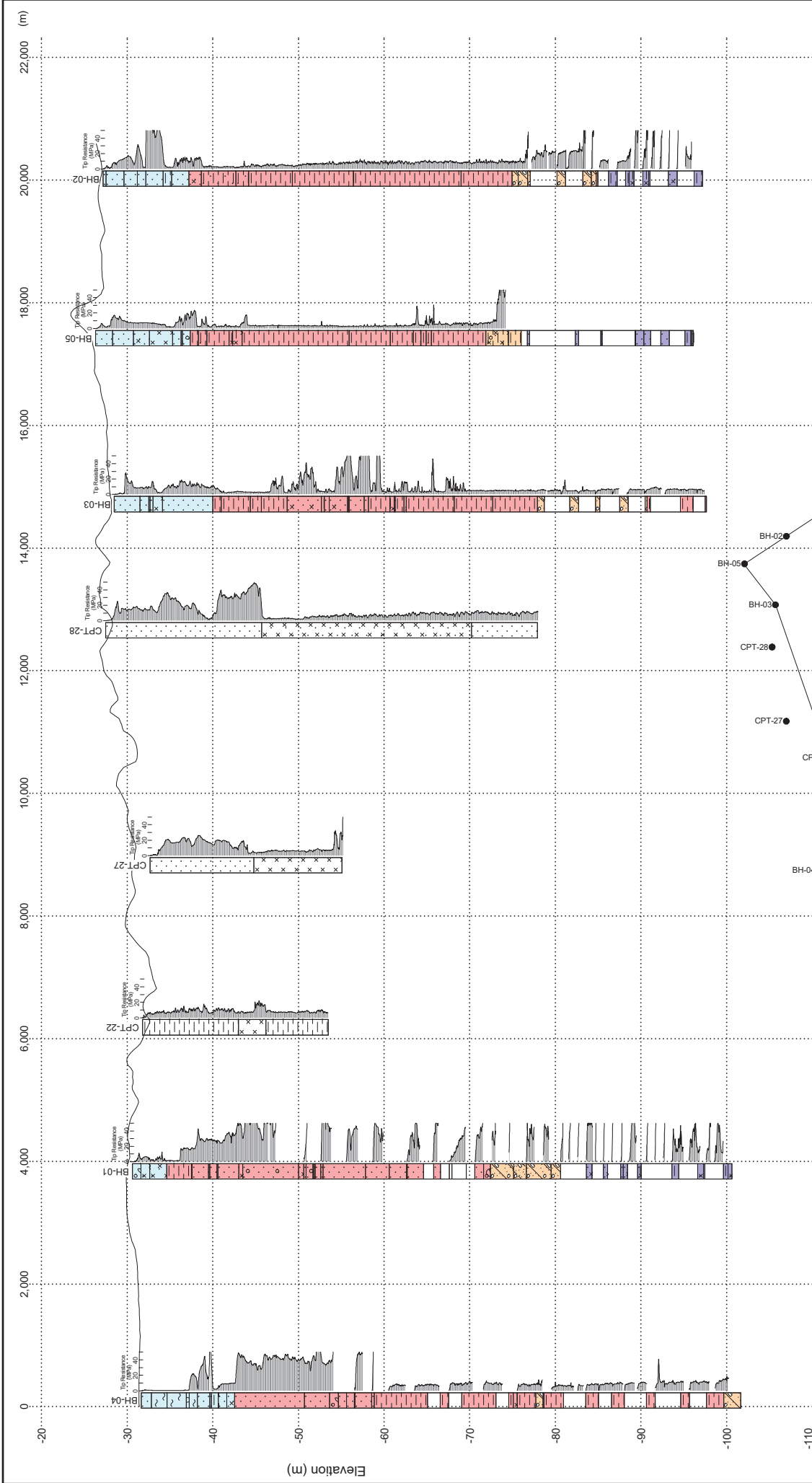
Deposit & Bge

	Ma Pg
	Mw Lg Gc
	Fw Lg
	Fw Gc
	Ma Ng
	Unknown / Uncertain

Geological Cross Section: Profile A

GEO Project:	204307 Thor OWF
Prepared:	MHE Date: 2020-11-13
Checked:	LTR Date: 2020-11-13
Approved:	MHF Date: 2020-11-13





At CPT and SCPT locations there is only illustrated Soil Behavior based on CPT-data. No actual soil data is retrieved from these locations and information should be used with caution.

Scales (for A3 size)
 Site map 1:200,000
 Horizontal fence 1:62,857
 Vertical fence 1:450

Borehole

Black pattern: lithology	Sandy GRAVEL
Colour fill: deposit & age	Ma Pg
Colourless base: Lithology inter-preted from CPT	SAND Mw Lg Gc Sandy gravelly CLAY (not specified)

Lithology

	GRAVEL
	SAND
	Cobble GRAVEL

Sandy SAET

	Sandy SAET
	Silty gravelly SAND
	MORI NELLER / CLAY SAND T&E

CLAY

	CLAY
	Gravelly SAND
	MORI NESAND / SAND T&E

Sandy GRAVEL

	Sandy GRAVEL
	Silty SAND
	Clayey silty SAND

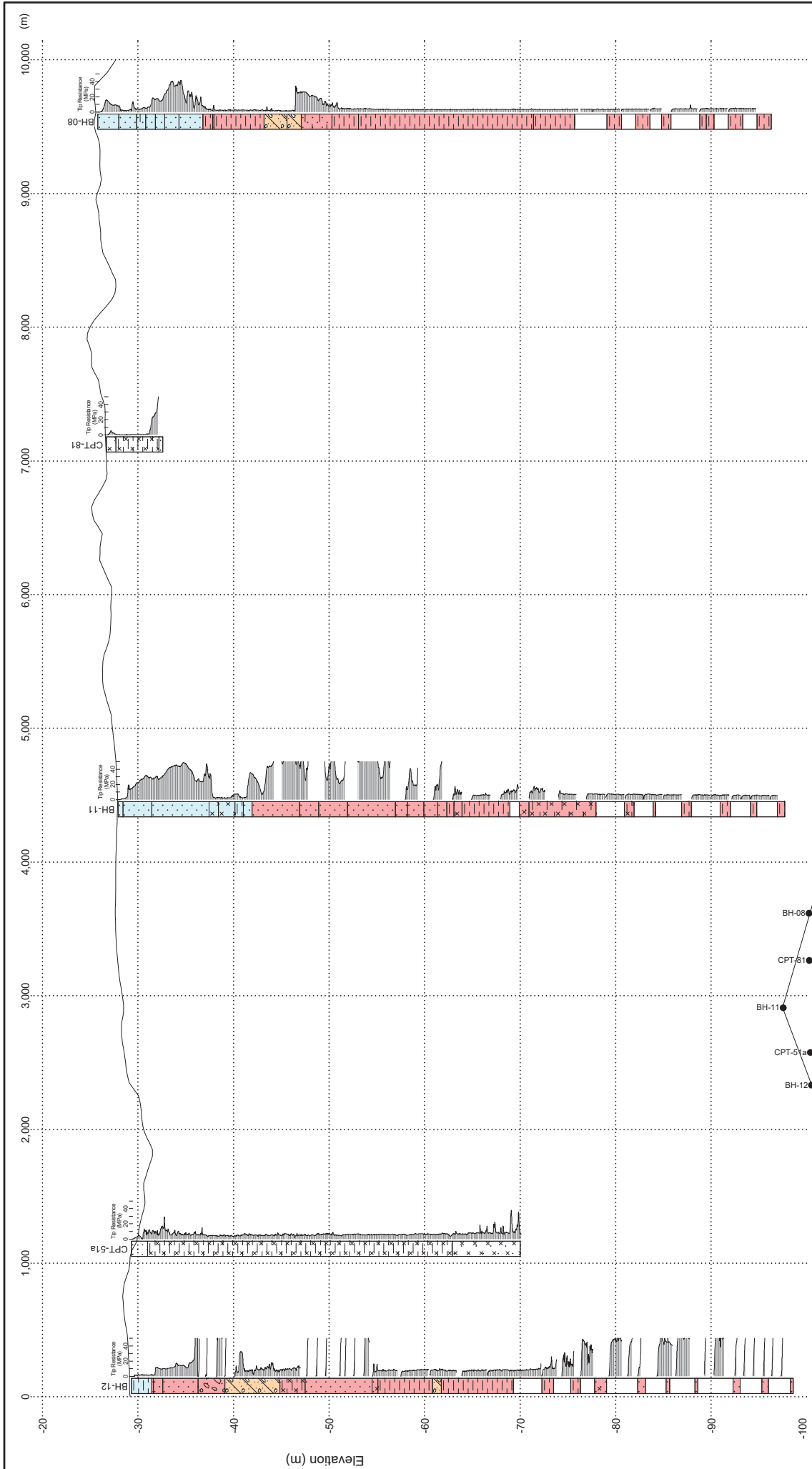
Aebsit p & ge

	Ma Pg
	Fw Lg
	Fw #
	Mw Lg Gc
	Gt Gc
	Ma Ng
	Unknown / Uncertain

Geological Cross Section: Profile C

GEO Project:	204307 Thor OWF
Prepared:	MHE Date: 2020-11-13
Checked:	LTR Date: 2020-11-13
Approved:	MHF Date: 2020-11-13





At CPT and SCPT locations there is only illustrated Soil Behavior based on CPT-data. No actual soil data is retrieved from these locations and information should be used with caution.

Scales: (for A3 size)
 Site map 1:200,000
 Horizontal fence 1:28,571
 Vertical fence 1:400

Geological Cross Section: Profile A

GEO Project:	204307 Thor OWF
Prepared:	MHE Date: 2020-11-13
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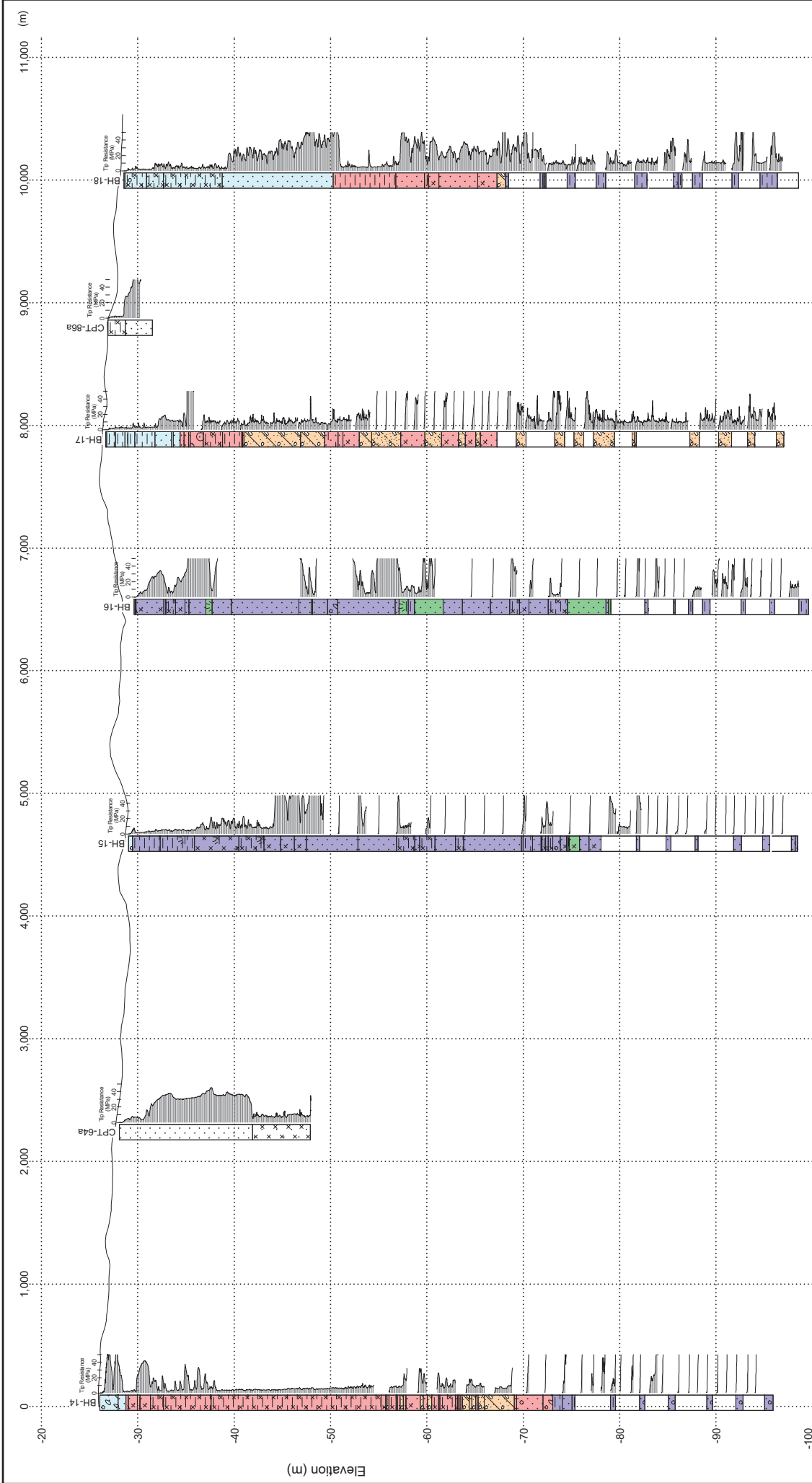
Borehole
 Black pattern: lithology
 Colour fill: deposit & age
 Colourless base: Lithology inter-preted from CPT

Lithology

	SAND
	SILT
	Silty CLAY
	Silty SAND
	Silty SILT
	Silty GRAVEL
	Clayey SAND
	CLAY
	MOR/RENILLER/CLAY HILL
	Clay/Silt

Aeolbit p & ge

	Ma Pg		Mw Lg/Gc
	Fw Lg		Gt Gc
	Fw Ig		Unknown / Uncertain
	Ma Ng		



Scales (for A3 size)
 Site map 1:200,000
 Horizontal fence 1:31,429
 Vertical fence 1:400

Geological Cross Section: Profile E

GEO Project:	204307 Thor OWF
Prepared:	MHE Date: 2020-11-13
Checked:	LTR Date: 2020-11-13
Approved:	MHF Date: 2020-11-13



At CPT and SPT locations there is only illustrated Soil Behavior based on CPT-data.
 No actual soil data is retrieved from these locations and information should be used with caution.

Borehole

Black pattern: lithology
 Colour fill: deposit & age
 Colourless base: Lithology interpreted from CPT

Lithology

	Sandy GRAVEL
	SAND
	MORI NESAND / SAND T&L
	Organic CLAY
	Sandy SILT
	CLAY

Deposit & Age

	Ma Pg		Mw Lg/Gc
	Fw Lg		GI Gc
	Fw #		Unknown / Uncertain
	Ma Ng		

Soil Behavior Legend:

	Silty SAND		Silty CLAY
	Gravelly SAND		MORI NESAND / SAND T&L
	Silty organic CLAY		Organic SILT

