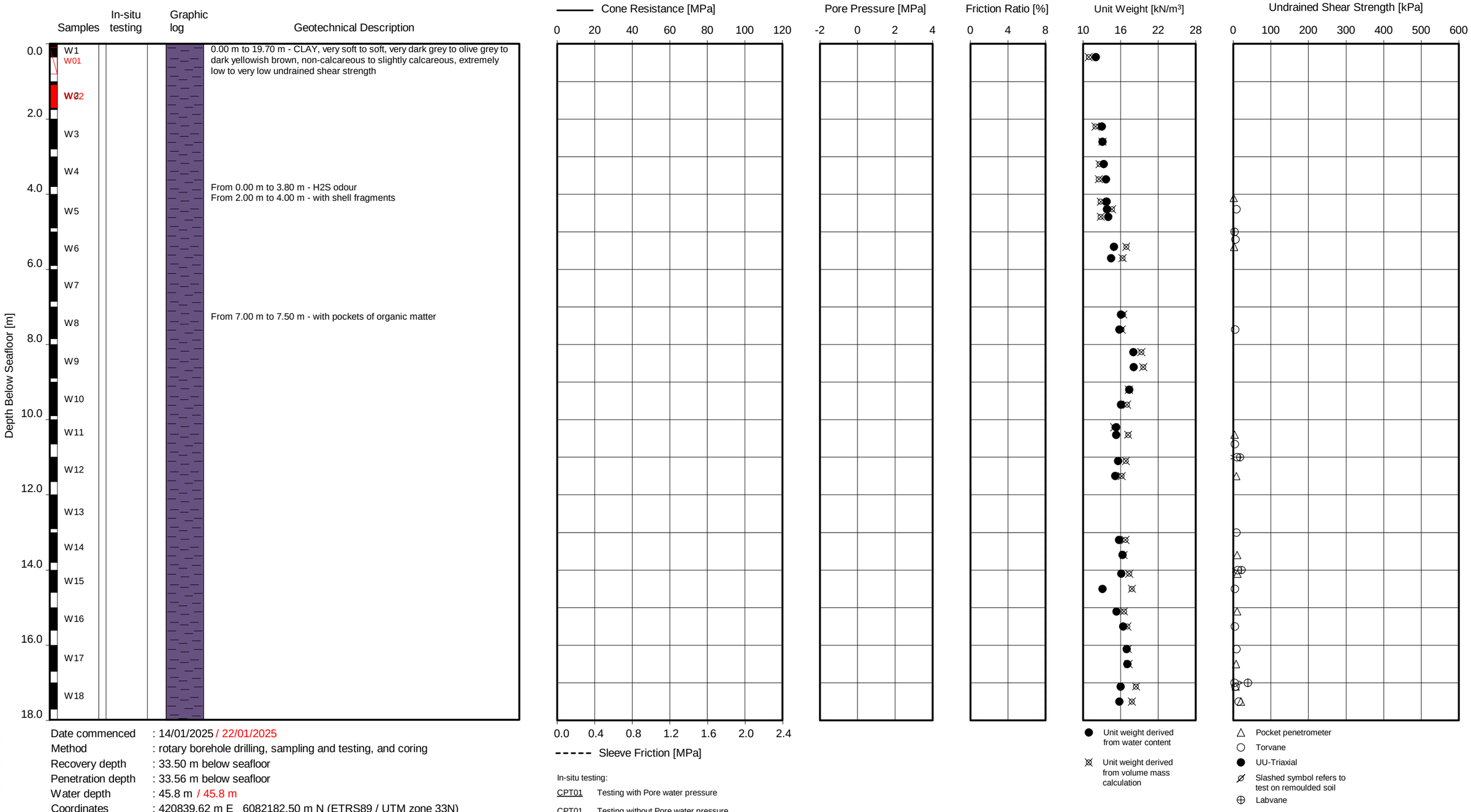
Anlage 2.8

Aufschlüsse geotechnische Untersuchung Konverterplattform Ostwind 4 (OW4-OSS) [2.12], Fugro Germany Land GmbH, 2025

Dokumentenbezeichnung:

OW4-TRS-003530-AT-11_01-BGHU-ANL-2-8-20260113



Date commenced : 14/01/2025 / 22/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 33.50 m below seafloor
Penetration depth : 33.56 m below seafloor
Water depth : 45.8 m / 45.8 m
Coordinates : 420839.62 m E 6082182.50 m N (ETRS89 / UTM zone 33N)
: 420839.09 m E 6082177.00 m N (ETRS89 / UTM zone 33N)

In-situ testing:

CPT01 Testing with Pore water pressure

CPT01 Testing without Pore water pressure

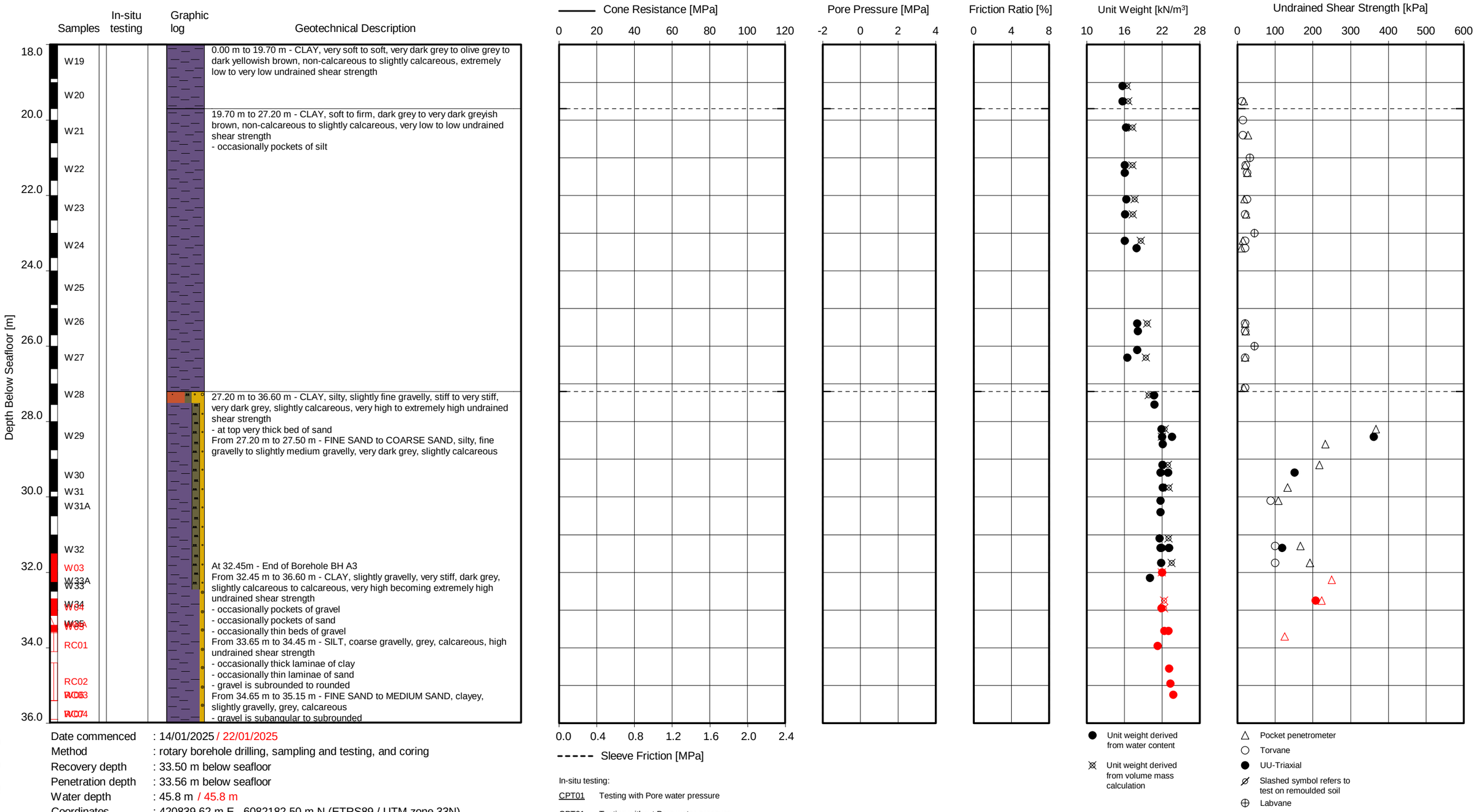
Vessel(s) : Fugro Scout
: Fugro Scout

GEOTECHNICAL LOG

BH A3 / BH A3a

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

Note: Soil descriptions are performed following ISO standards:
EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)



Date commenced	: 14/01/2025 / 22/01/2025
Method	: rotary borehole drilling, sampling and testing, and coring
Recovery depth	: 33.50 m below seafloor
Penetration depth	: 33.56 m below seafloor
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Coordinates	: 420839.62 m E 6082182.50 m N (ETRS89 / UTM zone 33N) : 420839.09 m E 6082177.00 m N (ETRS89 / UTM zone 33N)
Vessel(s)	: Fugro Scout : Fugro Scout

In-situ testing:

CPT01 Testing with Pore water pressure

CPT01 Testing without Pore water pressure

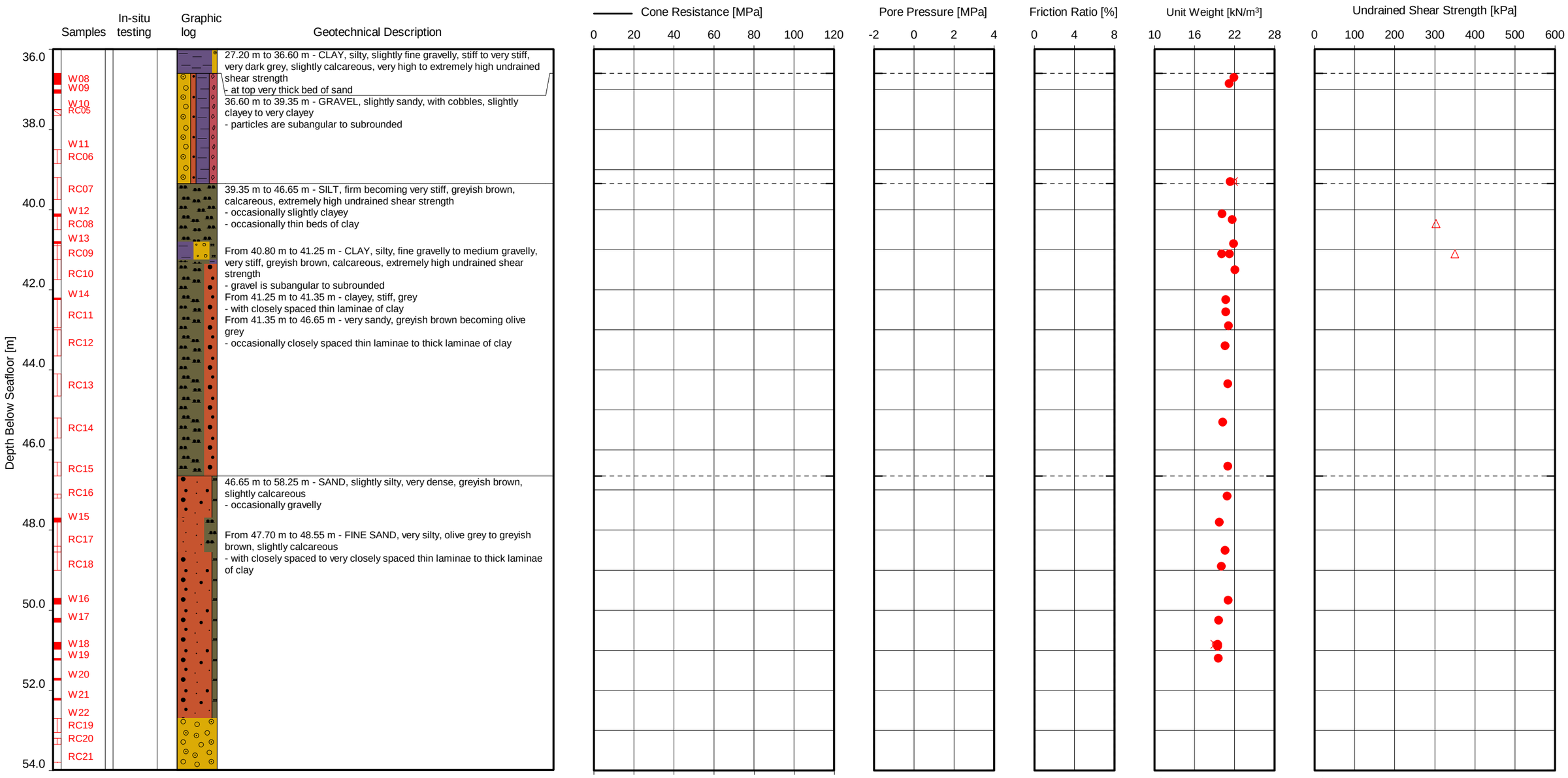
- Unit weight derived from water content
- Unit weight derived from volume mass calculation
- Pocket penetrometer
- Torvane
- UU-Triaxial
- Slashed symbol refers to test on remoulded soil
- Labvane

Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

GEOTECHNICAL LOG

BH A3 / BH A3a

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector



Date commenced : 14/01/2025 / 22/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
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Penetration depth : 33.56 m below seafloor
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Coordinates : 420839.62 m E 6082182.50 m N (ETRS89 / UTM zone 33N)
: 420839.09 m E 6082177.00 m N (ETRS89 / UTM zone 33N)

Vessel(s) : Fugro Scout
: Fugro Scout

In-situ testing:
CPT01 Testing with Pore water pressure
CPT01 Testing without Pore water pressure

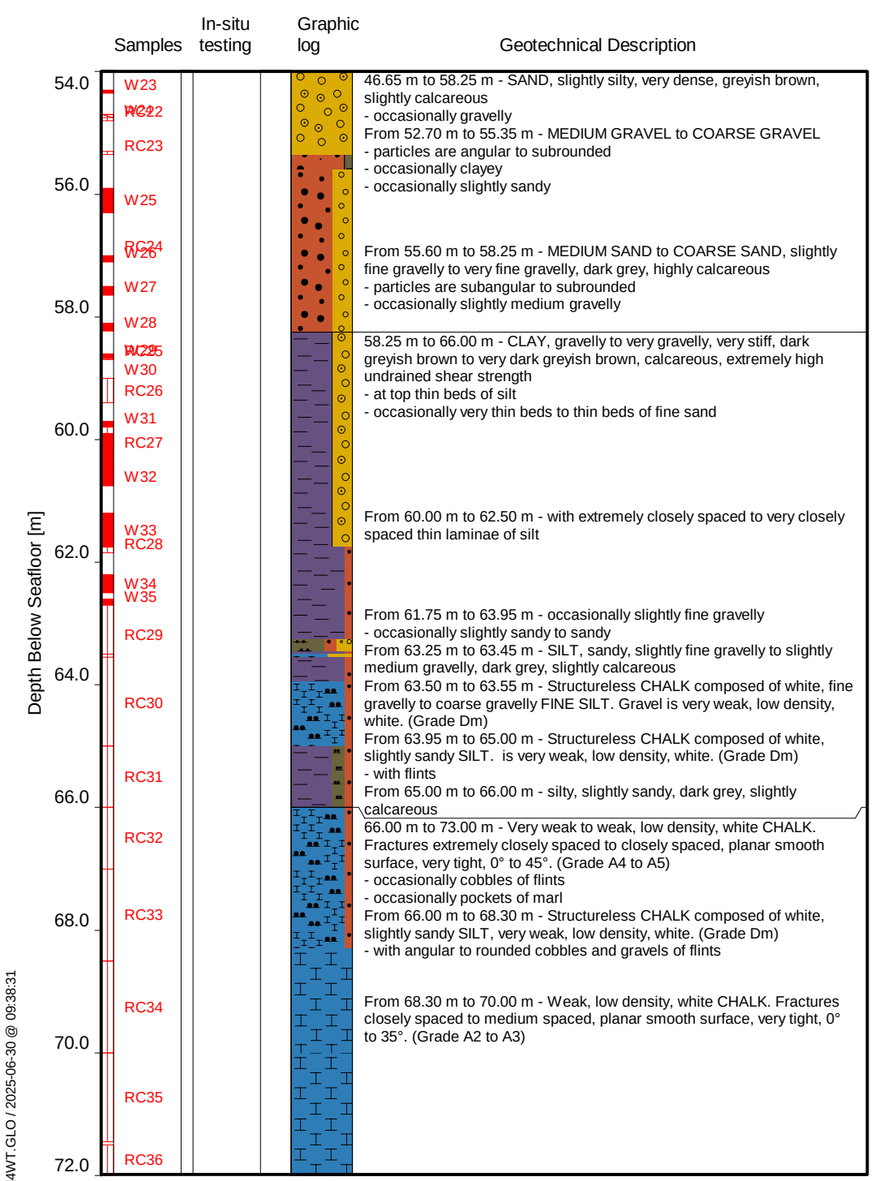
- Unit weight derived from water content
- Unit weight derived from volume mass calculation
- Pocket penetrometer
- Torvane
- UU-Triaxial
- Slashed symbol refers to test on remoulded soil
- Labvane

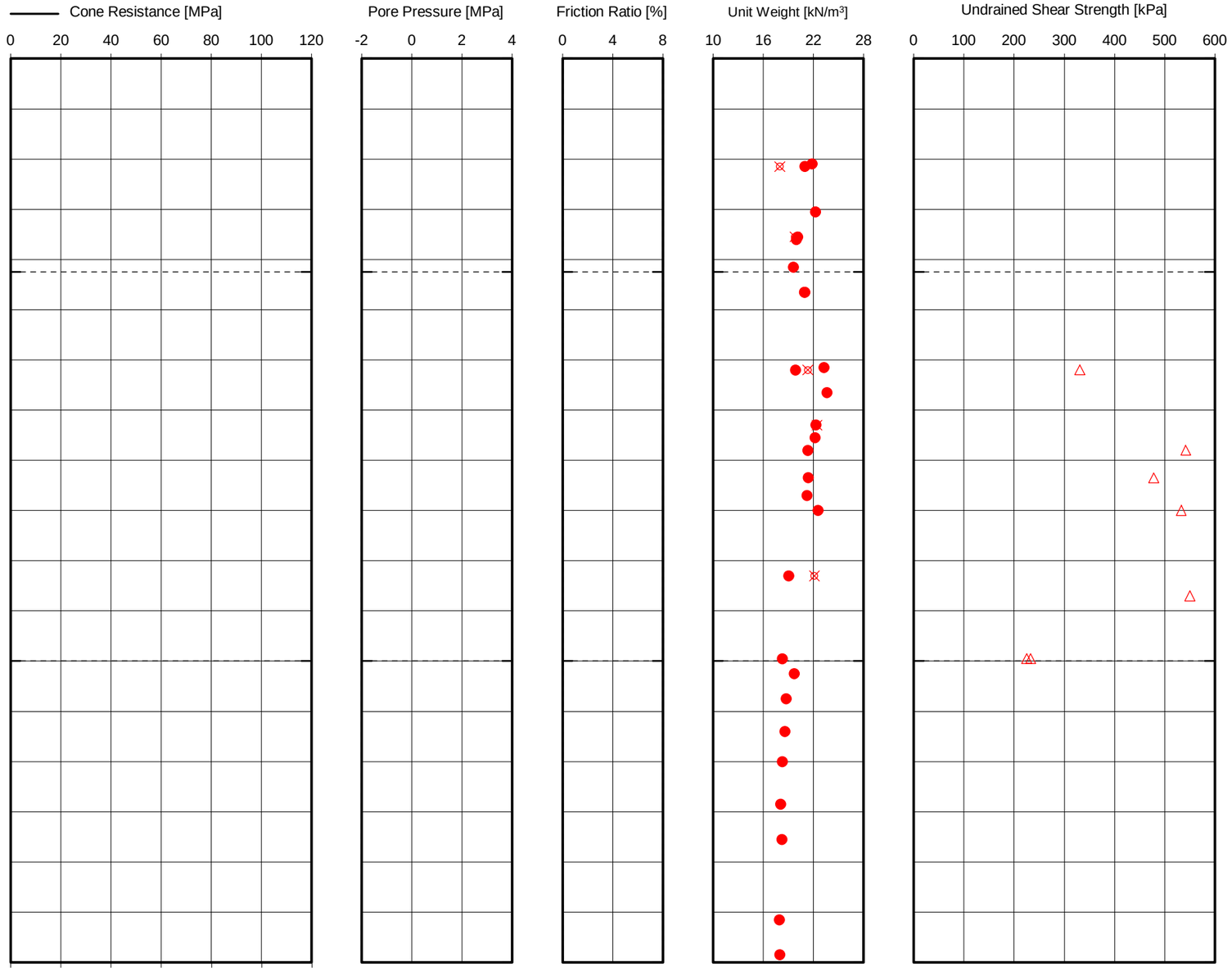
GEOTECHNICAL LOG

BH A3 / BH A3a

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)





Date commenced : 14/01/2025 / 22/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 33.50 m below seafloor
Penetration depth : 33.56 m below seafloor
Water depth : 45.8 m / 45.8 m
Coordinates : 420839.62 m E 6082182.50 m N (ETRS89 / UTM zone 33N)
: 420839.09 m E 6082177.00 m N (ETRS89 / UTM zone 33N)

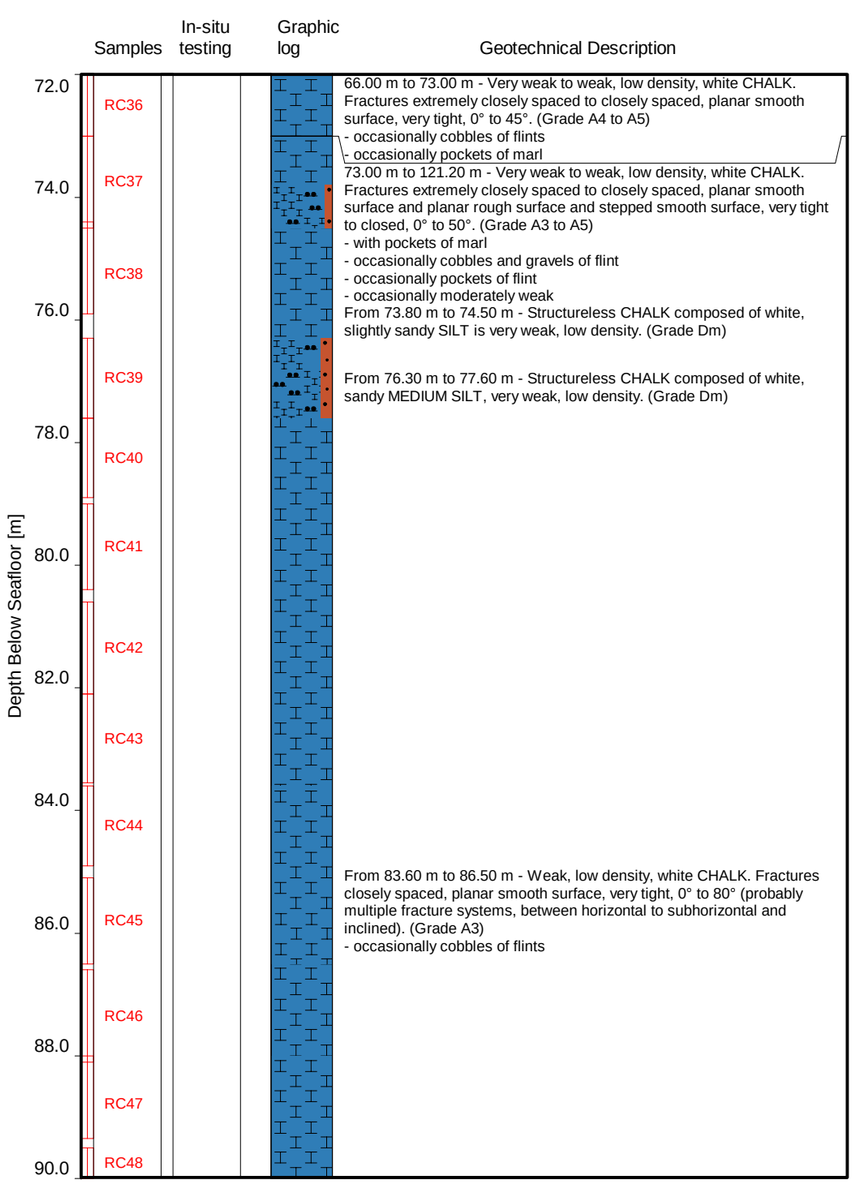
Vessel(s) : Fugro Scout
: Fugro Scout

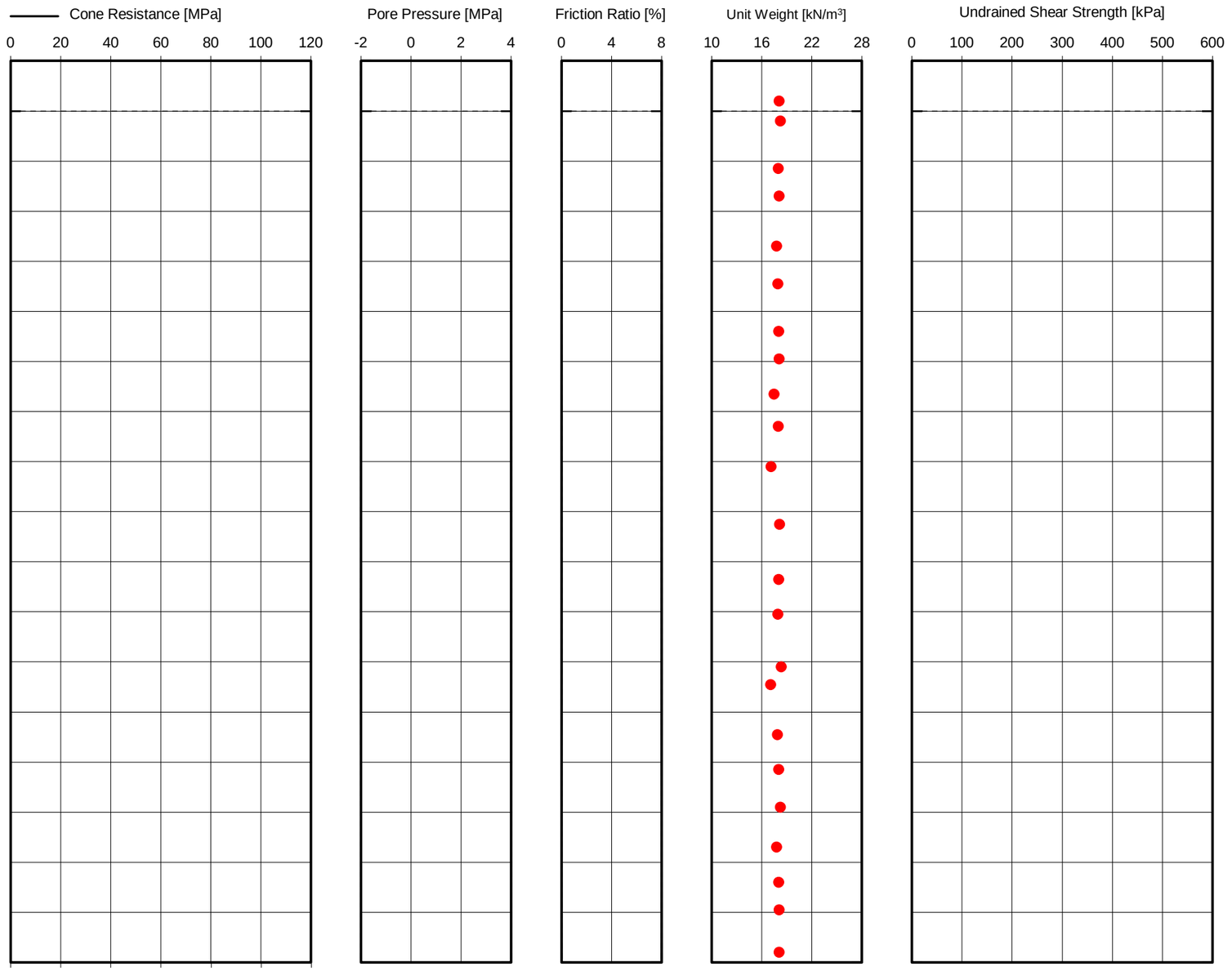
GEOTECHNICAL LOG

BH A3 / BH A3a

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

Note: Soil descriptions are performed following ISO standards:
EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)





Date commenced : 14/01/2025 / 22/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 33.50 m below seafloor
Penetration depth : 33.56 m below seafloor
Water depth : 45.8 m / 45.8 m
Coordinates : 420839.62 m E 6082182.50 m N (ETRS89 / UTM zone 33N)
: 420839.09 m E 6082177.00 m N (ETRS89 / UTM zone 33N)

Vessel(s) : Fugro Scout
: Fugro Scout

In-situ testing:
CPT01 Testing with Pore water pressure
CPT01 Testing without Pore water pressure

Unit weight derived from water content
Unit weight derived from volume mass calculation

Pocket penetrometer
Torvane
UU-Triaxial
Slashed symbol refers to test on remoulded soil
Labvane

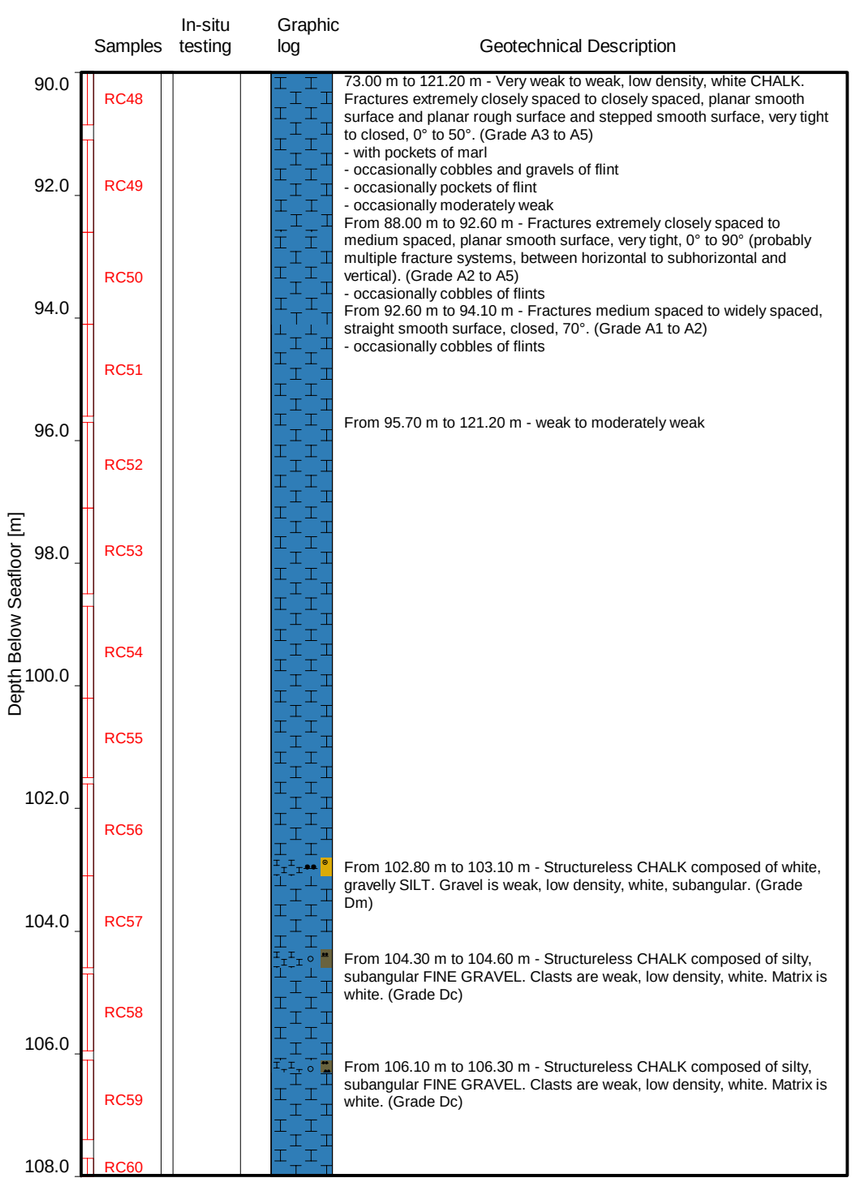
GEOTECHNICAL LOG

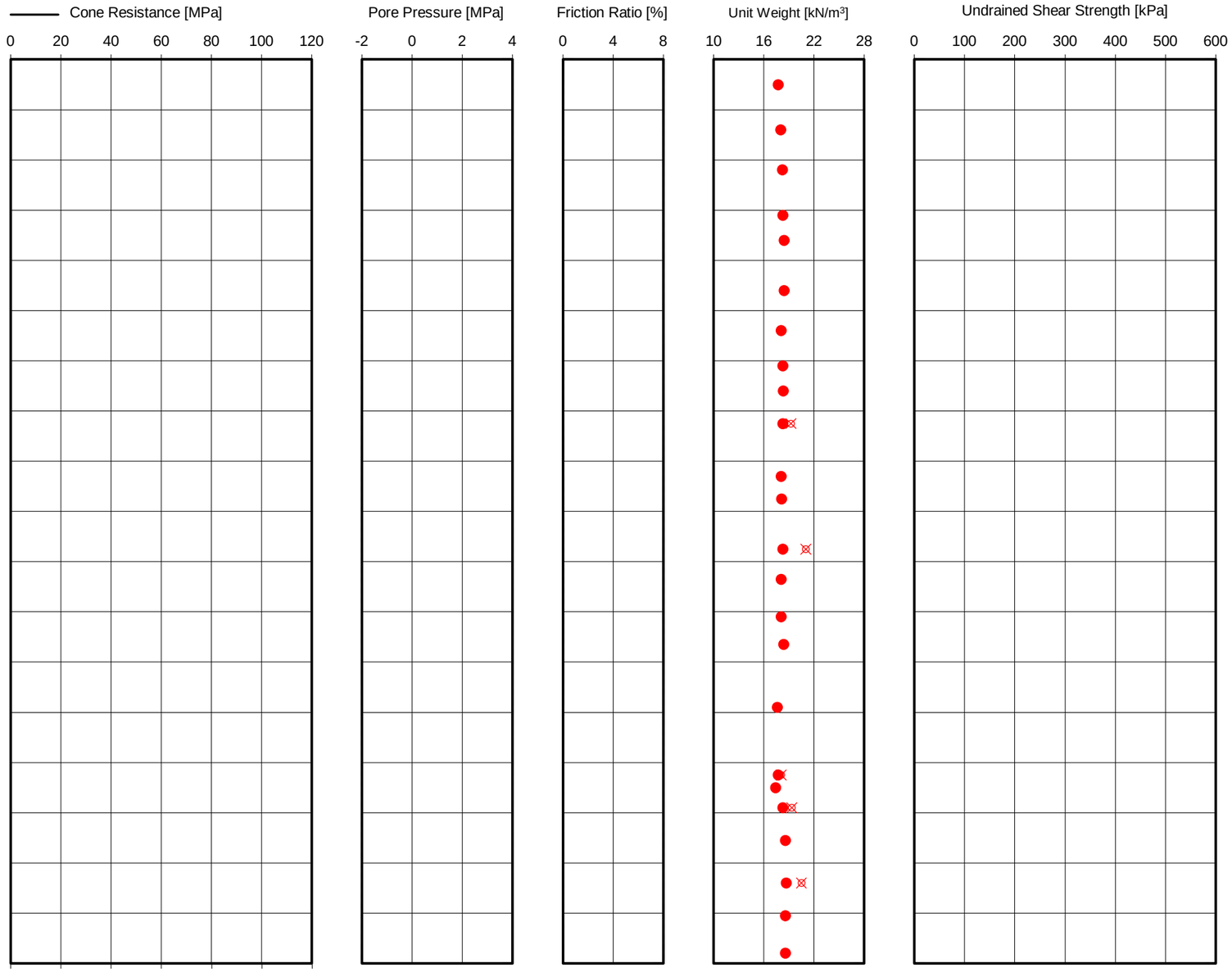
BH A3 / BH A3a

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

Fugro Project No. 270-25-002
Appendix A5





Date commenced : 14/01/2025 / 22/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 33.50 m below seafloor
Penetration depth : 33.56 m below seafloor
Water depth : 45.8 m / 45.8 m
Coordinates : 420839.62 m E 6082182.50 m N (ETRS89 / UTM zone 33N)
: 420839.09 m E 6082177.00 m N (ETRS89 / UTM zone 33N)

Vessel(s) : Fugro Scout
: Fugro Scout

In-situ testing:

CPT01 Testing with Pore water pressure

CPT01 Testing without Pore water pressure

- Unit weight derived from water content
- Unit weight derived from volume mass calculation
- Pocket penetrometer
- Torvane
- UU-Triaxial
- Slashed symbol refers to test on remoulded soil
- Labvane

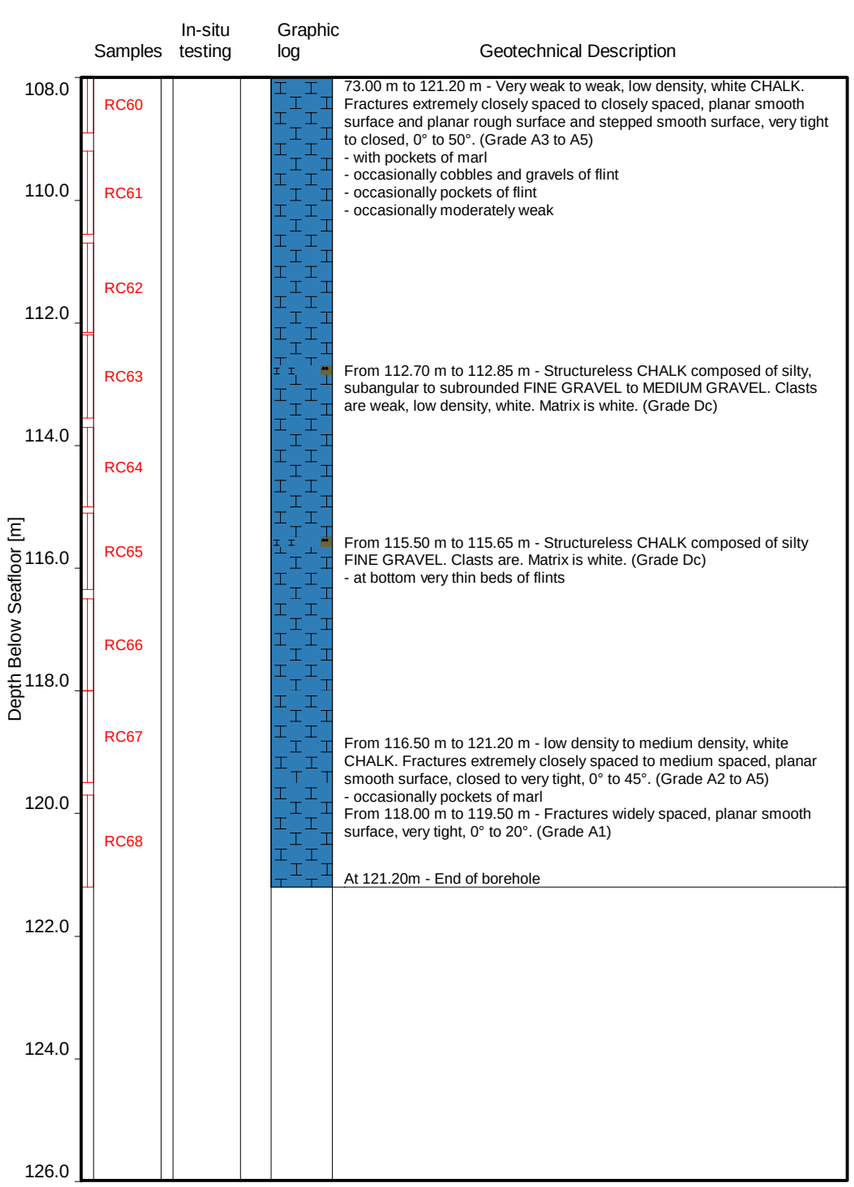
GEOTECHNICAL LOG

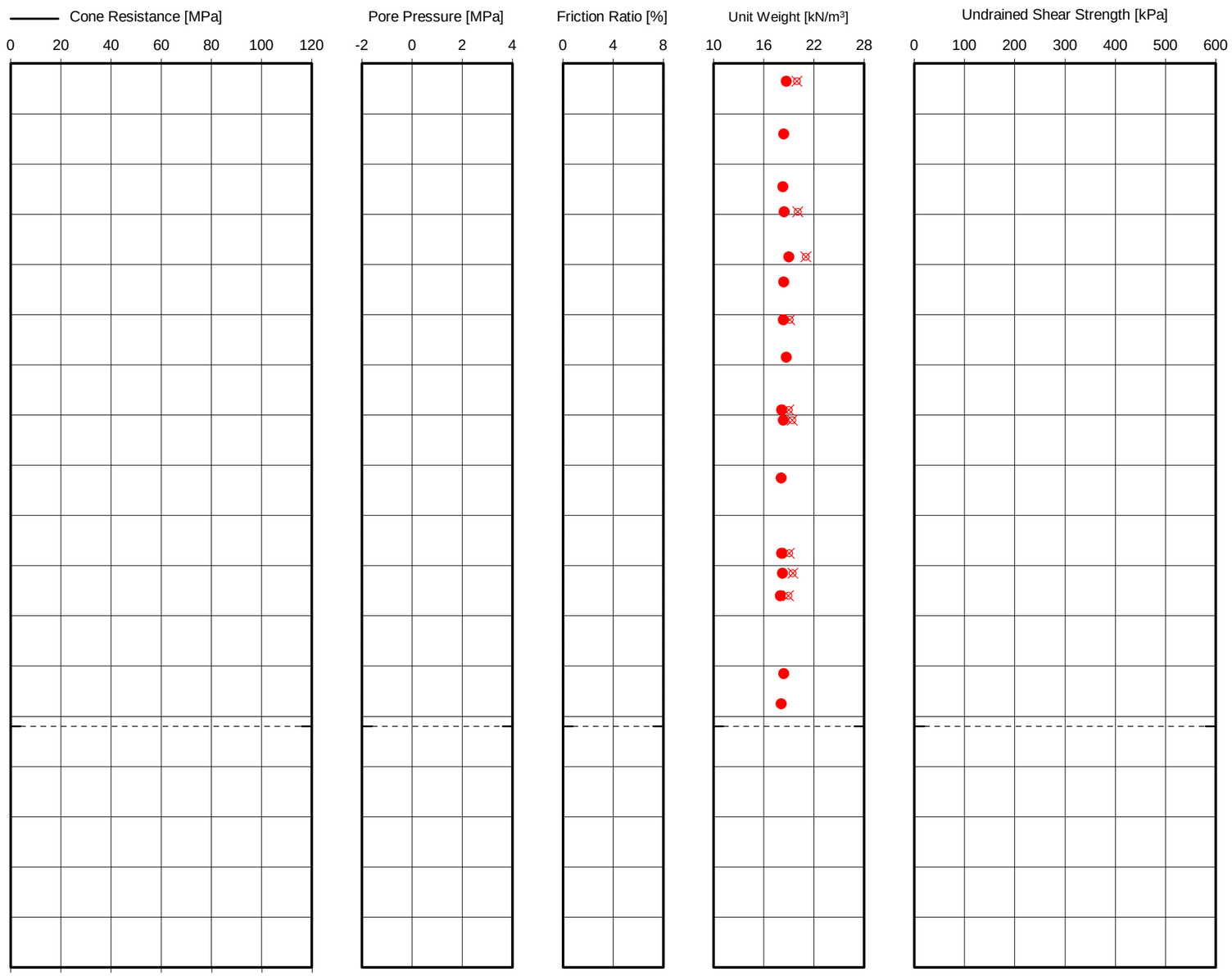
BH A3 / BH A3a

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

Fugro Project No. 270-25-002
Appendix A6





Date commenced : 14/01/2025 / 22/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 33.50 m below seafloor
Penetration depth : 33.56 m below seafloor
Water depth : 45.8 m / 45.8 m
Coordinates : 420839.62 m E 6082182.50 m N (ETRS89 / UTM zone 33N)
: 420839.09 m E 6082177.00 m N (ETRS89 / UTM zone 33N)

Vessel(s) : Fugro Scout
: Fugro Scout

In-situ testing:

CPT01 Testing with Pore water pressure

CPT01 Testing without Pore water pressure

Unit weight derived from water content

Unit weight derived from volume mass calculation

Pocket penetrometer

Torvane

UU-Triaxial

Slashed symbol refers to test on remoulded soil

Labvane

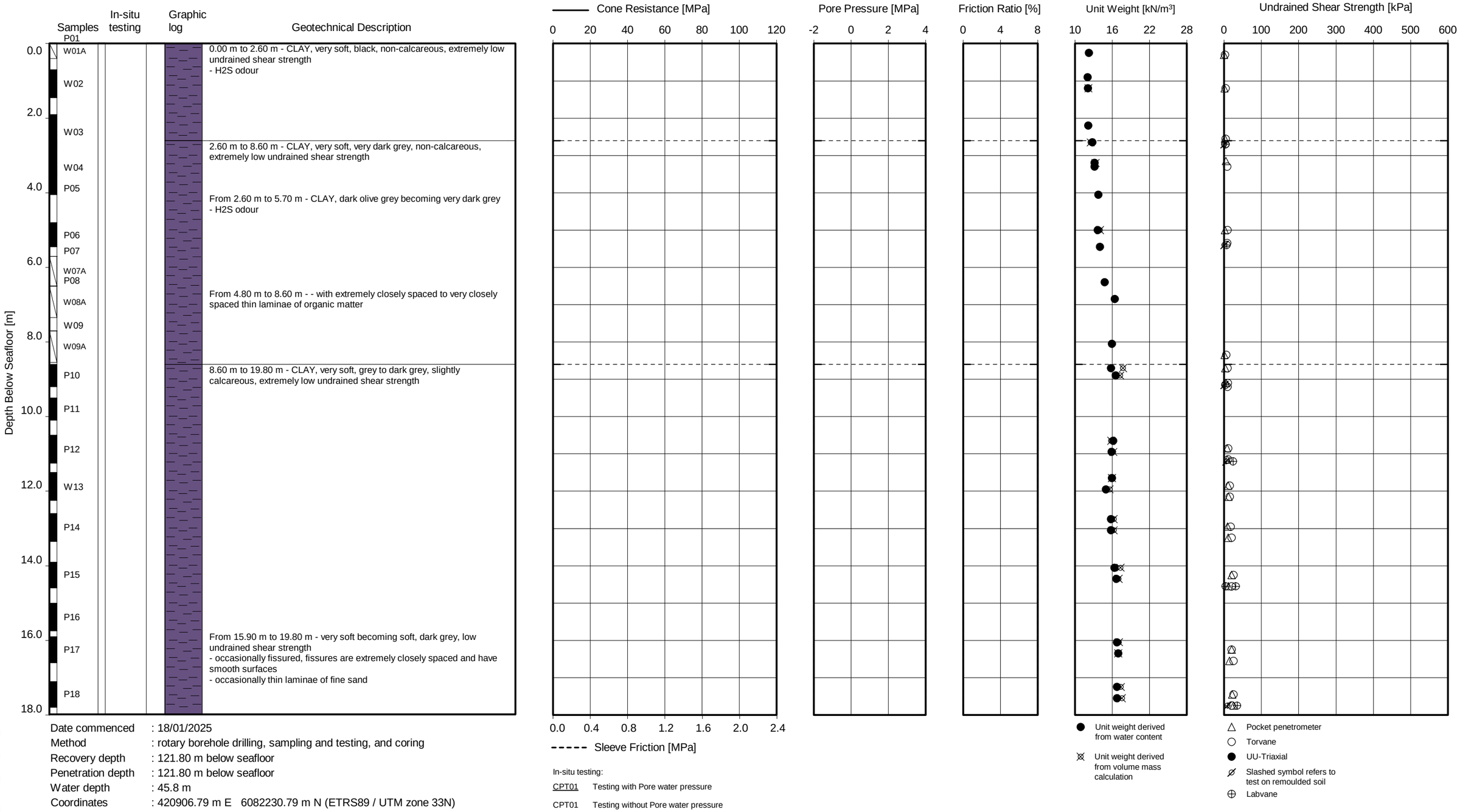
GEOTECHNICAL LOG

BH A3 / BH A3a

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

Fugro Project No. 270-25-002
Appendix A7



Date commenced : 18/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 121.80 m below seafloor
Penetration depth : 121.80 m below seafloor
Water depth : 45.8 m
Coordinates : 420906.79 m E 6082230.79 m N (ETRS89 / UTM zone 33N)

Vessel(s) : Fugro Scout

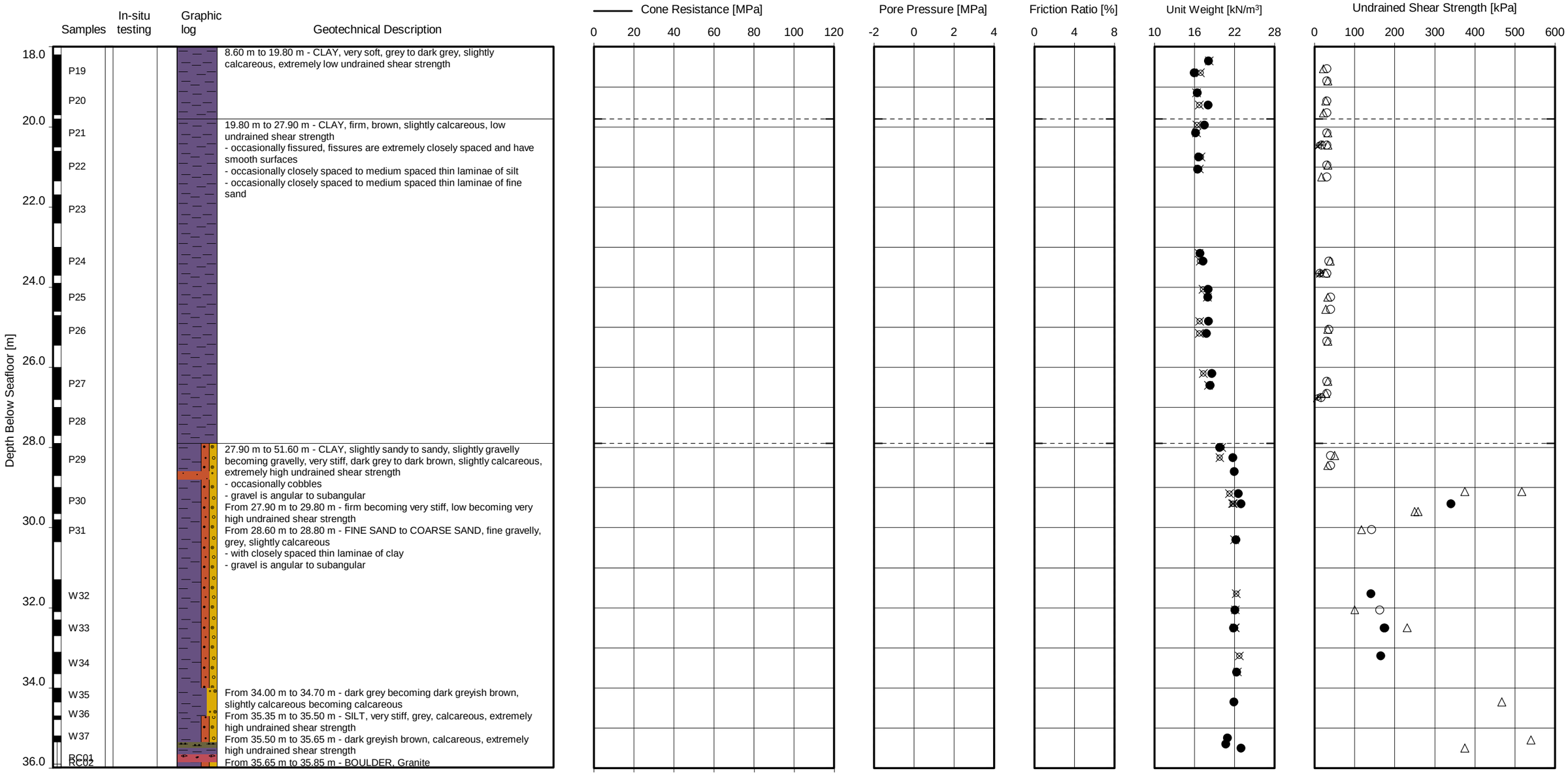
GEOTECHNICAL LOG

BH E1

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

Fugro Project No. 270-25-002
Appendix A8



Date commenced : 18/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 121.80 m below seafloor
Penetration depth : 121.80 m below seafloor
Water depth : 45.8 m
Coordinates : 420906.79 m E 6082230.79 m N (ETRS89 / UTM zone 33N)

Vessel(s) : Fugro Scout

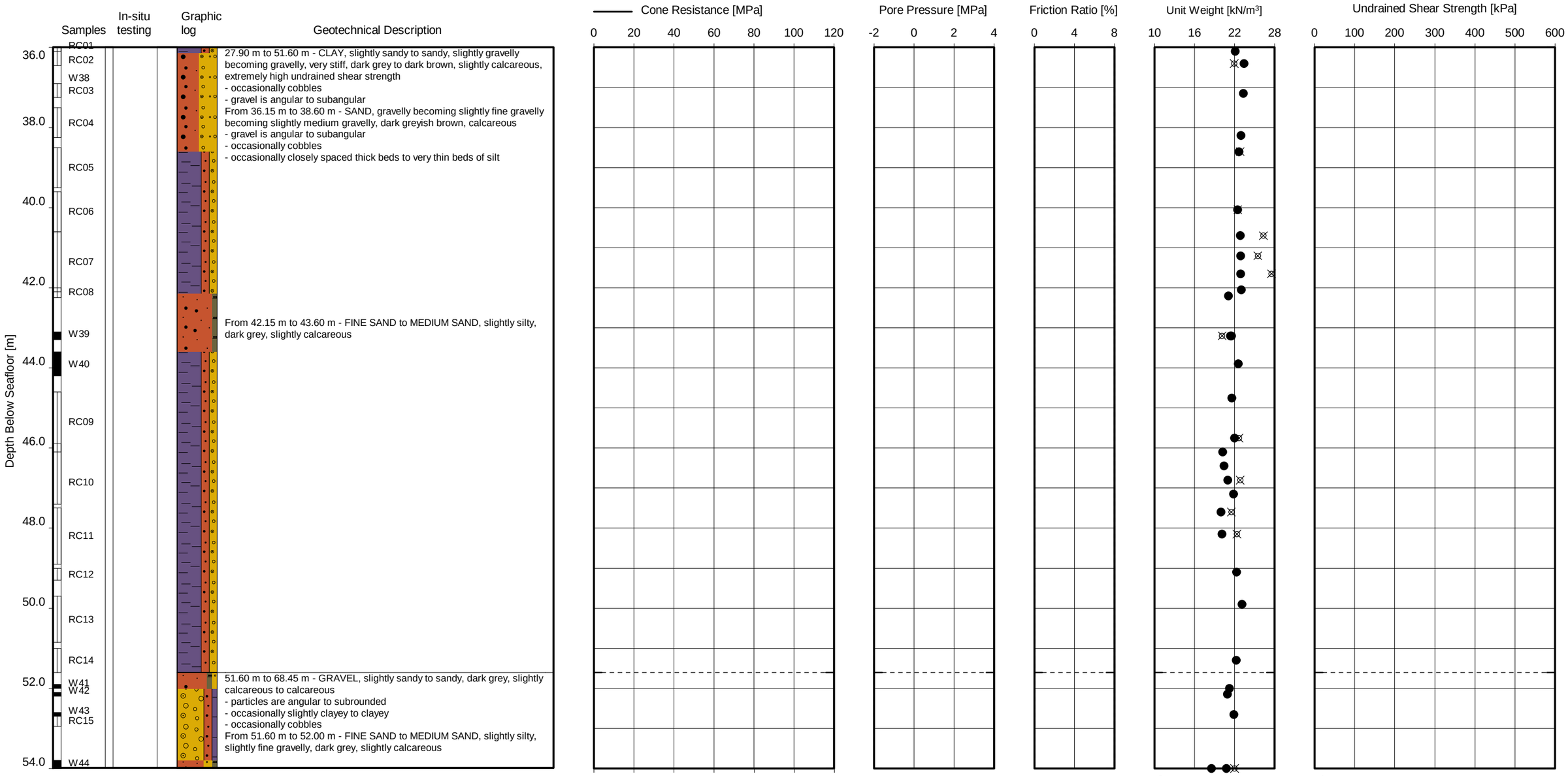
GEOTECHNICAL LOG

BH E1

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

Fugro Project No. 270-25-002
Appendix A9



Date commenced : 18/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 121.80 m below seafloor
Penetration depth : 121.80 m below seafloor
Water depth : 45.8 m
Coordinates : 420906.79 m E 6082230.79 m N (ETRS89 / UTM zone 33N)

In-situ testing:
CPT01 Testing with Pore water pressure
CPT01 Testing without Pore water pressure

Vessel(s) : Fugro Scout

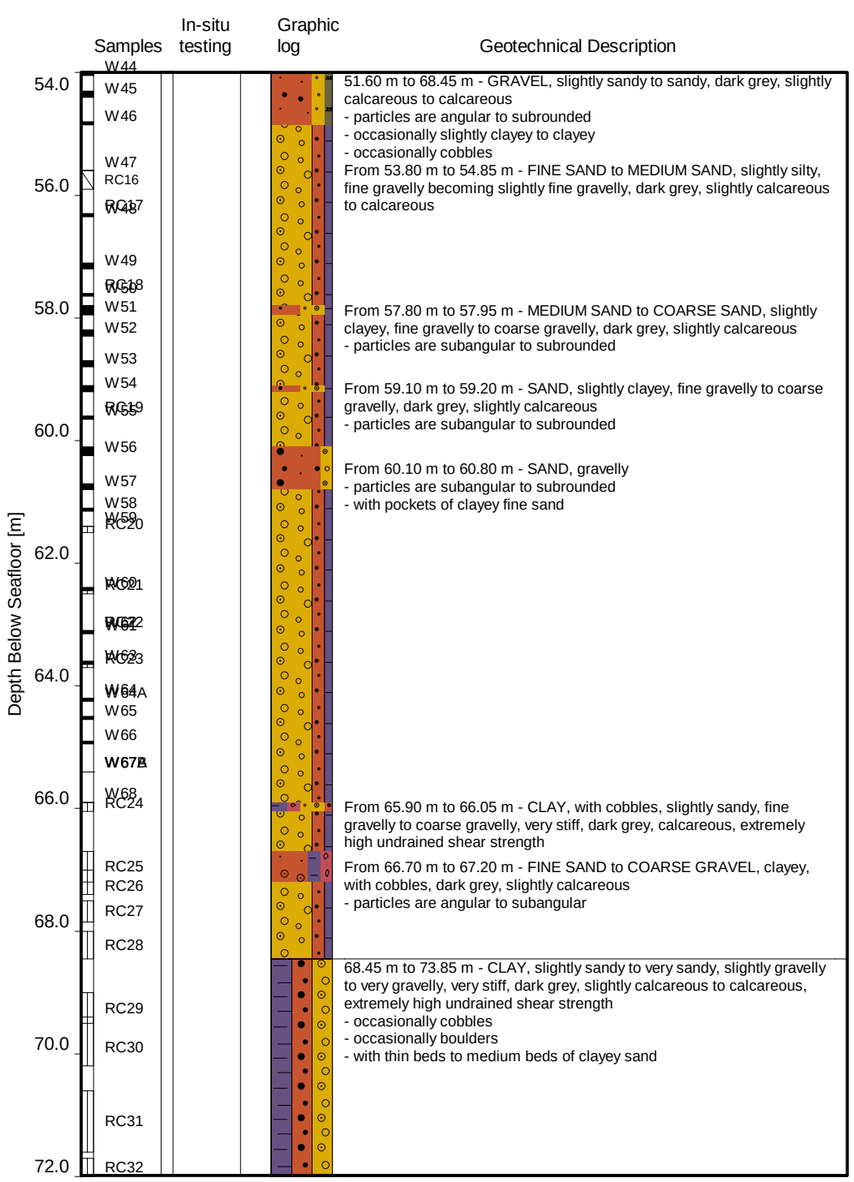
GEOTECHNICAL LOG

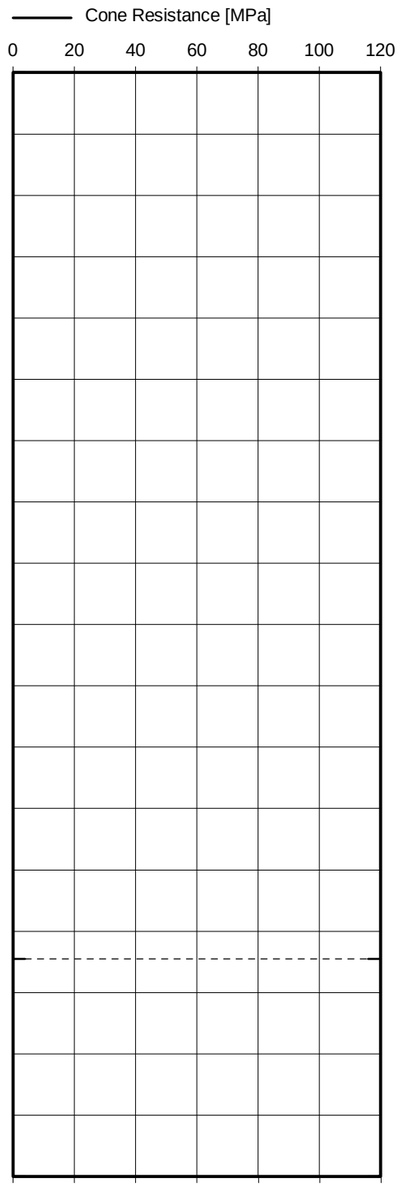
BH E1

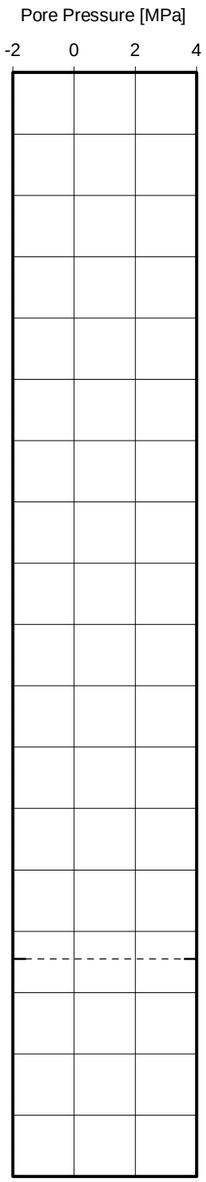
HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

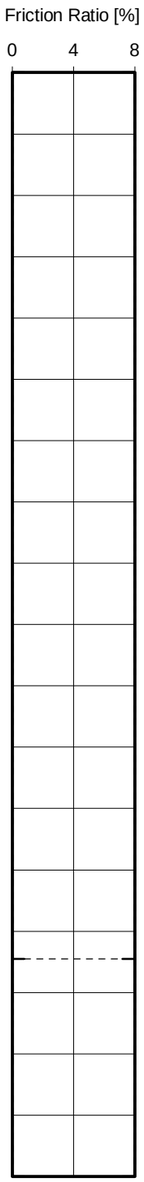
Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

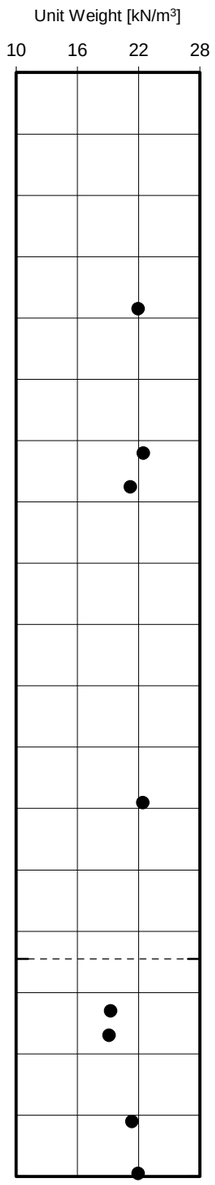
Fugro Project No. 270-25-002
Appendix A10

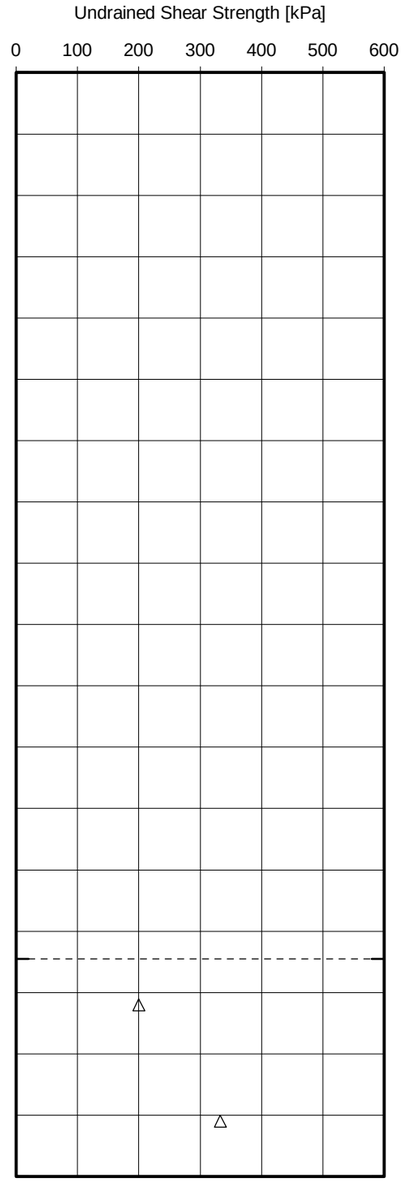












Date commenced : 18/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 121.80 m below seafloor
Penetration depth : 121.80 m below seafloor
Water depth : 45.8 m
Coordinates : 420906.79 m E 6082230.79 m N (ETRS89 / UTM zone 33N)

In-situ testing:
CPT01 Testing with Pore water pressure
CPT01 Testing without Pore water pressure

Unit weight derived from water content
Unit weight derived from volume mass calculation

Pocket penetrometer
Torvane
UU-Triaxial
Slashed symbol refers to test on remoulded soil
Labvane

Vessel(s) : Fugro Scout

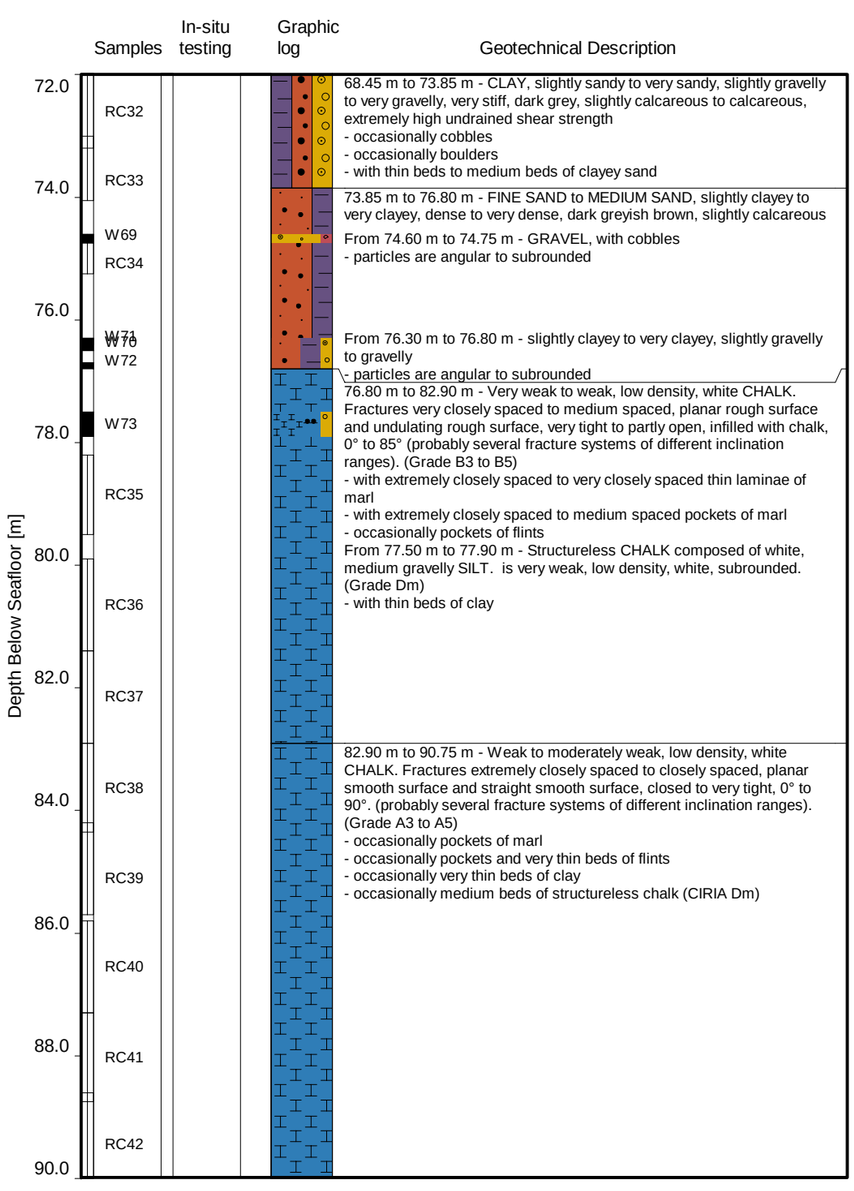
Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

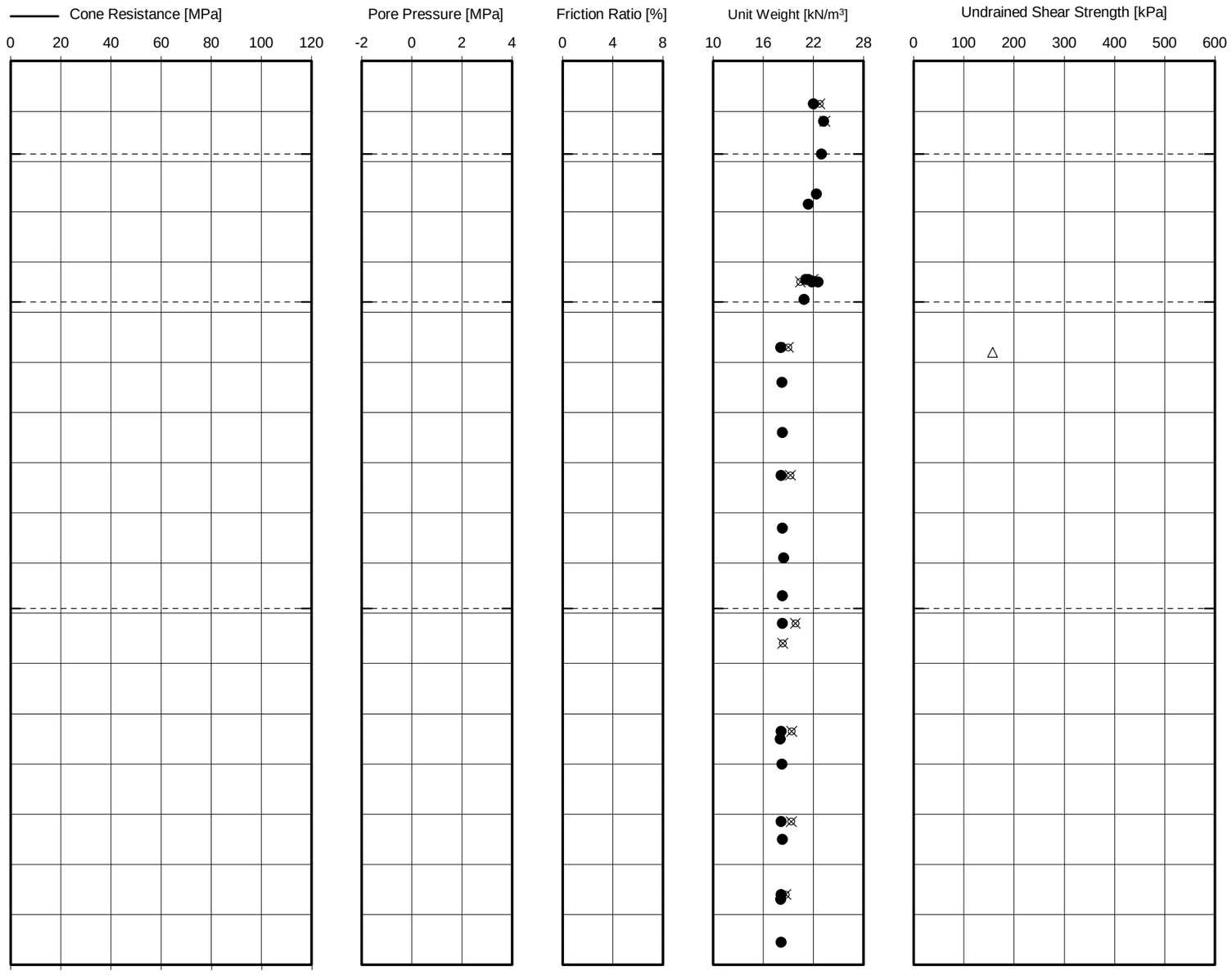
GEOTECHNICAL LOG

BH E1

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

Fugro Project No. 270-25-002
Appendix A11





Date commenced : 18/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 121.80 m below seafloor
Penetration depth : 121.80 m below seafloor
Water depth : 45.8 m
Coordinates : 420906.79 m E 6082230.79 m N (ETRS89 / UTM zone 33N)

In-situ testing:
CPT01 Testing with Pore water pressure
CPT01 Testing without Pore water pressure

- Unit weight derived from water content
- Unit weight derived from volume mass calculation
- Pocket penetrometer
- Torvane
- UU-Triaxial
- Slashed symbol refers to test on remoulded soil
- Labvane

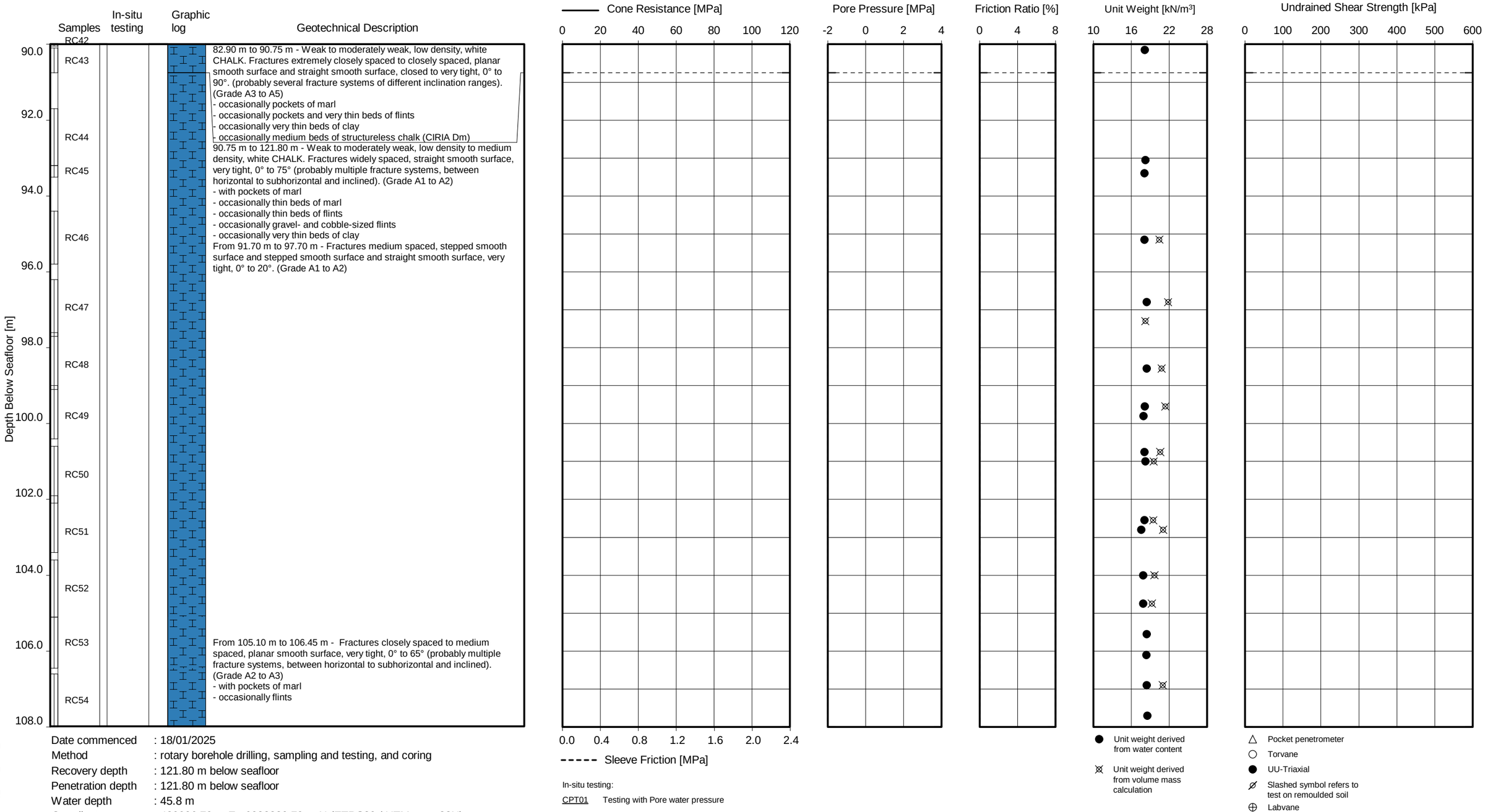
Vessel(s) : Fugro Scout

Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

GEOTECHNICAL LOG

BH E1

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector



Date commenced : 18/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 121.80 m below seafloor
Penetration depth : 121.80 m below seafloor
Water depth : 45.8 m
Coordinates : 420906.79 m E 6082230.79 m N (ETRS89 / UTM zone 33N)

In-situ testing:

CPT01 Testing with Pore water pressure

CPT01 Testing without Pore water pressure

Vessel(s) : Fugro Scout

GEOTECHNICAL LOG

BH E1

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector

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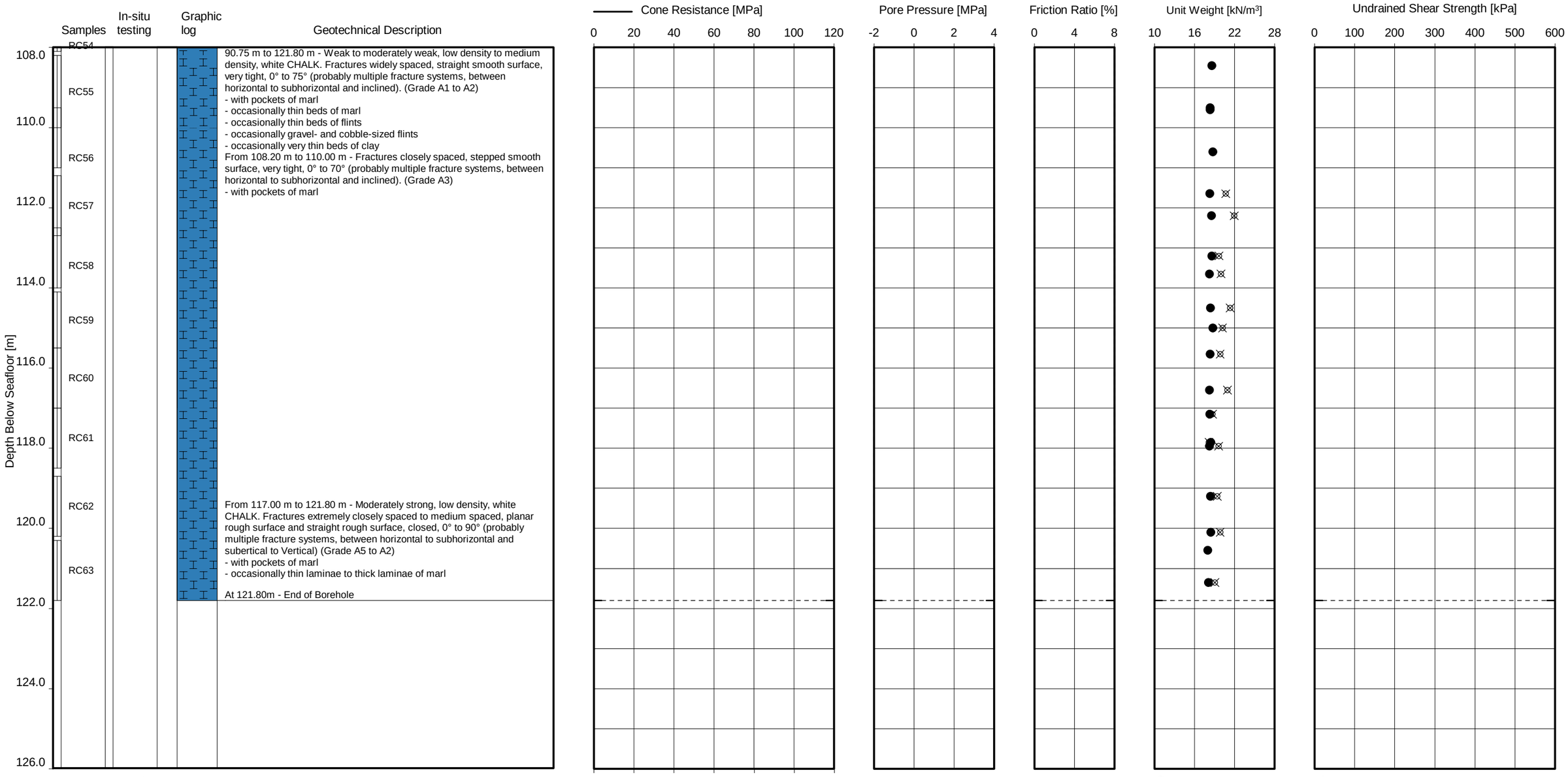
Fugro Project No. 270-25-002
Appendix A13



Date commenced : 18/01/2025
Method : rotary borehole drilling, sampling and testing, and coring
Recovery depth : 121.80 m below seafloor
Penetration depth : 121.80 m below seafloor
Water depth : 45.8 m
Coordinates : 420906.79 m E 6082230.79 m N (ETRS89 / UTM zone 33N)

In-situ testing:

CPT01 Testing with Pore water pressure

CPT01 Testing without Pore water pressure

- Unit weight derived from water content
- Unit weight derived from volume mass calculation
- Pocket penetrometer
- Torvane
- UU-Triaxial
- Slashed symbol refers to test on remoulded soil
- Labvane

Vessel(s) : Fugro Scout

Note: Soil descriptions are performed following ISO standards: EN ISO 14688-1:2018 (E) & EN ISO 14688-2:2018-2 (E)

GEOTECHNICAL LOG

BH E1

HVDC Platform Detailed Geotechnical Site Investigation, Area Baltic Sea, German Sector