



NLW-GT-03
Niederlande
Technical Log, 1:1000

NLW-GT-03
Niederlande
Technical Log, 1:1000

NLW-GT-03
Niederlande
Technical Log, 1:1000

Mudlogging:

GEO SERVICE
G m b H



Client:
Client: Trias Westland B.V.
Operator: Trias Westland B.V.

Project:
Borehole Section: NLW-GT-03
Well Name: NLW_GT-03

Location:
Country: Nederlande
Region or oilfield: Trias Westland B.V.
Location: NLW-GT-04
Concession:

Coordinates:
Longitude / Latitude: E 4° 14' 22.20" N 51° 59' 23.00"
Ordnance Survey Map:
Elev. well head / KB: 0.00 m / 8.60 m

Well Type:
Production/exploitation well

Client:
Client: Trias Westland B.V.
Operator: Trias Westland B.V.

Project:
Borehole Section: NLW-GT-03
Well Name: NLW_GT-03

Location:
Country: Nederlande
Region or oilfield: Trias Westland B.V.
Location: NLW-GT-04
Concession:

Coordinates:
Longitude / Latitude: E 4° 14' 22.20" N 51° 59' 23.00"
Ordnance Survey Map:
Elev. well head / KB: 0.00 m / 8.60 m

Well Type:
Production/exploitation well

Project:
Borehole Section: NLW-GT-03
Well Name: NLW_GT-03

Location:
Country: Nederlande
Region or oilfield: Trias Westland B.V.
Location: NLW-GT-04
Concession:

Coordinates:
Longitude / Latitude: E 4° 14' 22.20" N 51° 59' 23.00"
Ordnance Survey Map:
Elev. well head / KB: 0.00 m / 8.60 m

Well Type:
Production/exploitation well

Project:
Borehole Section: NLW-GT-03
Well Name: NLW_GT-03

Location:
Country: Nederlande
Region or oilfield: Trias Westland B.V.
Location: NLW-GT-04
Concession:

Coordinates:
Longitude / Latitude: E 4° 14' 22.20" N 51° 59' 23.00"
Ordnance Survey Map:
Elev. well head / KB: 0.00 m / 8.60 m

Well Type:
Production/exploitation well

Location:
Country: Nederlande
Region or oilfield: Trias Westland B.V.
Location: NLW-GT-04
Concession:

Coordinates:
Longitude / Latitude : E 4° 14' 22.20" N 51° 59' 23.00"
Ordnance Survey Map:
Elev. well head / KB: 0.00 m / 8.60 m

Well Type:
Production/exploitation well

Location:
Country: Nederlande
Region or oilfield: Trias Westland B.V.
Location: NLW-GT-04
Concession:

Coordinates:
Longitude / Latitude : E 4° 14' 22.20" N 51° 59' 23.00"
Ordnance Survey Map:
Elev. well head / KB: 0.00 m / 8.60 m

Well Type:
Production/exploitation well

Coordinates:
Longitude / Latitude: E 4° 14' 22.20" N 51° 59' 23.00"
Ordnance Survey Map:
Elev. well head / KB: 0.00 m / 8.60 m

Well Type:
Production/exploitation well

Coordinates:
Longitude / Latitude: E 4° 14' 22.20" N 51° 59' 23.00"
Ordnance Survey Map:
Elev. well head / KB: 0.00 m / 8.60 m

Well Type:
Production/exploitation well

Well Type:
Production/exploitation well

Well Type:
Production/exploitation well

Duration:
Spud: 11.07.2020
Start depth (Tie-in) 0.00 m
Total depth: 0.00 m

Rig:
DrillTec VDD 200.1 Compact
DrillTec GUT GmbH

Team:
Company Man: John Boeijen; Mark de Jong; Chris van Vulpen, Johan Schutte, Jack Schelvis
Toolpusher: Frank Rektorik; Ype Jousma
Project- and operations geologist: Charlotte de Wijkerslooth
Wellsite geologist: Julien Smeulders

Duration:
Spud: 11.07.2020
Start depth (Tie-in) 0.00 m
Total depth: 0.00 m

Rig:
DrillTec VDD 200.1 Compact
DrillTec GUT GmbH

Team:
Company Man: John Boeijen; Mark de Jong; Chris van Vulpen, Johan Schutte, Jack Schelvis
Toolpusher: Frank Rektorik; Ype Jousma
Project- and operations geologist: Charlotte de Wijkerslooth
Wellsite geologist: Julien Smeulders

Rig:
DrillTec VDD 200.1 Compact
DrillTec GUT GmbH

Team:
Company Man: John Boeijen; Mark de Jong; Chris van
Vulpen, Johan Schutte, Jack Schelvis
Toolpusher: Frank Rektorik; Ype Jousma
Project- and operations geologist: Charlotte de Wijkerslooth
Wellsite geologist: Julien Smeulders

Rig:
DrillTec VDD 200.1 Compact
DrillTec GUT GmbH

Team:
Company Man: John Boeijen; Mark de Jong; Chris van
Vulpen, Johan Schutte, Jack Schelvis
Toolpusher: Frank Rektorik; Ype Jousma
Project- and operations geologist: Charlotte de Wijkerslooth
Wellsite geologist: Julien Smeulders

Team:

Company Man:	John Boeijen; Mark de Jong; Chris van Vulpen, Johan Schutte, Jack Schelvis
Toolpusher:	Frank Rektorik; Ype Jousma
Project- and operations geologist:	Charlotte de Wijkerslooth
Wellsite geologist:	Julien Smeulders

Team:

Company Man:	John Boeijen; Mark de Jong; Chris van Vulpen, Johan Schutte, Jack Schelvis
Toolpusher:	Frank Rektorik; Ype Jousma
Project- and operations geologist:	Charlotte de Wijkerslooth
Wellsite geologist:	Julien Smeulders

Mudlogging:
GeoService GmbH
Kreuzstraße 19
D-26603 Aurich
Germany
dirks@geoservice.de
Mudloggers: F. Hinz; M. Dostmann; C. Mantey; L. Borchers; D. Schläpfer

Service:
Fluid Services: Halliburton Baroid
Mud Engineers: Patrick William Huizen, Adrian Gurnett, Katarzyna Sliwa,
Bernd Schulte

Remarks:
Print Date: 05.08.2020 00:21

Mudlogging:
GeoService GmbH
Kreuzstraße 19
D-26603 Aurich
Germany
dirks@geoservice.de
Mudloggers: F. Hinz; M. Dostmann; C. Mantey; L. Borchers; D. Schläpfer

Service:
Fluid Services: Halliburton Baroid
Mud Engineers: Patrick William Huizen, Adrian Gurnett, Katarzyna Sliwa,
Bernd Schulte

Remarks:
Print Date: 05.08.2020 00:21

Mudlogging:
GeoService GmbH
Kreuzstraße 19
D-26603 Aurich
Germany
dirks@geoservice.de
Mudloggers: F. Hinz; M. Dostmann; C. Mantey; L. Borchers; D. Schläpfer

Service:
Fluid Services: Halliburton Baroid
Mud Engineers: Patrick William Huizen, Adrian Gurnett, Katarzyna Sliwa,
Bernd Schulte

Remarks:
Print Date: 05.08.2020 00:21

Mudlogging:
GeoService GmbH
Kreuzstraße 19
D-26603 Aurich
Germany
dirks@geoservice.de
Mudloggers: F. Hinz; M. Dostmann; C. Mantey; L. Borchers; D. Schläpfer

Service:
Fluid Services: Halliburton Baroid
Mud Engineers: Patrick William Huizen, Adrian Gurnett, Katarzyna Sliwa,
Bernd Schulte

Remarks:
Print Date: 05.08.2020 00:21

Mudlogging:
GeoService GmbH
Kreuzstraße 19
D-26603 Aurich
Germany
dirks@geoservice.de
Mudloggers: F. Hinz; M. Dostmann; C. Mantey; L. Borchers; D. Schläpfer

Service:
Fluid Services: Halliburton Baroid
Mud Engineers: Patrick William Huizen, Adrian Gurnett, Katarzyna Sliwa,
Bernd Schulte

Remarks:
Print Date: 05.08.2020 00:21

Service:
Fluid Services: Halliburton Baroid
Mud Engineers: Patrick William Huizen, Adrian Gurnett, Katarzyna Sliwa,
Bernd Schulte

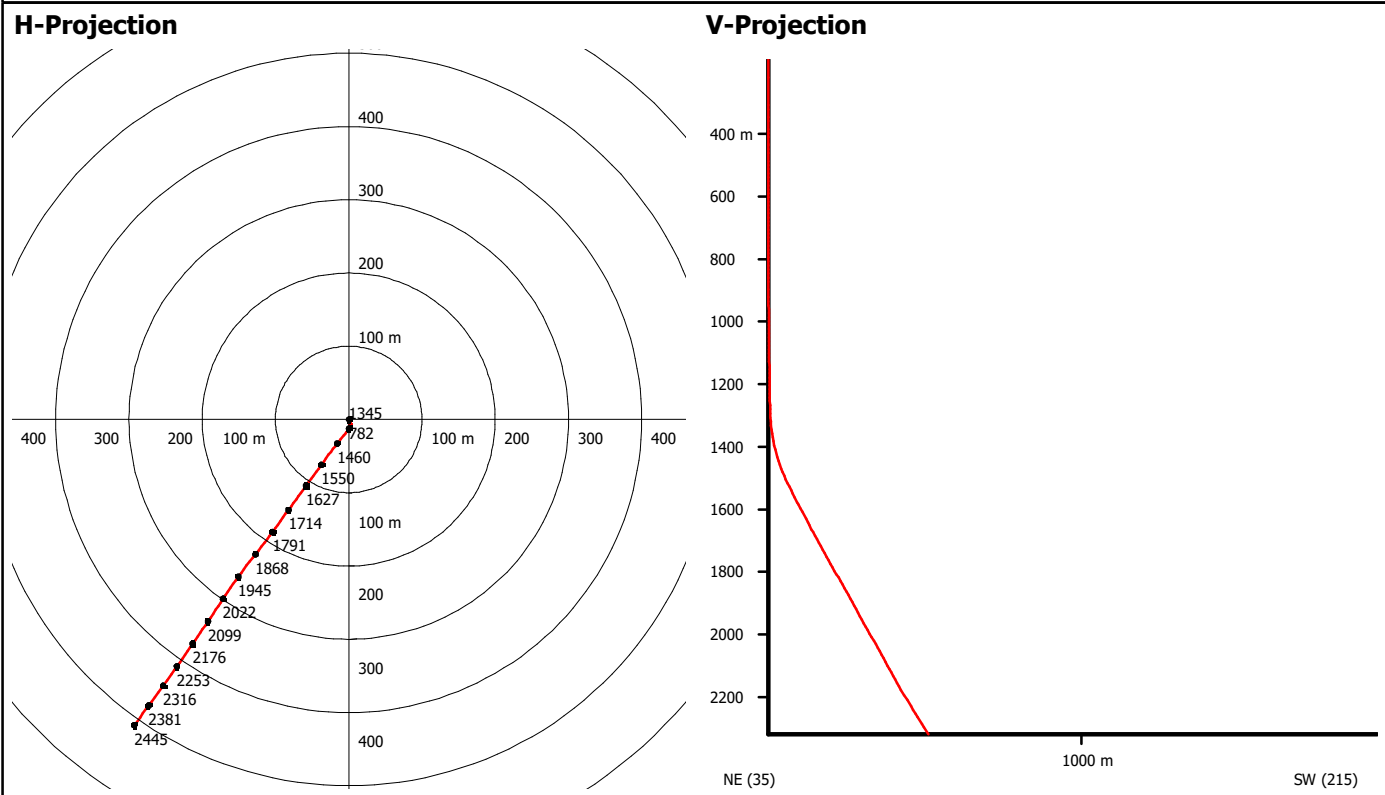
Remarks:
Print Date: 05.08.2020 00:21

Service:
Fluid Services: Halliburton Baroid
Mud Engineers: Patrick William Huizen, Adrian Gurnett, Katarzyna Sliwa,
Bernd Schulte

Remarks:
Print Date: 05.08.2020 00:21

Remarks:
Print Date: 05.08.2020 00:21

Remarks:
Print Date: 05.08.2020 00:21



Clastic sediments

Greensand: Yellow background with black asterisks.
 Sand: Yellow background with black dots.
 Sandstone: Yellow background with black horizontal dashes.
 Silt: Yellow background with black vertical dashes.
 Siltstone: Yellow background with black horizontal dashes and dots.
 Claystone: Green background with black horizontal dashes.
 Flint: Black background with white irregular shapes.

Carbonates and Biogenic sediments

Chalk: Blue background with white vertical dashes.
 Limestone: Blue background with white horizontal dashes.
 Limestone, marly: Blue background with white horizontal dashes and wavy lines.
 Shell beds: Blue background with white wavy lines.
 Marl (-stone): Blue background with white wavy lines and dots.
 Marl, argillaceous: Blue background with white wavy lines and dots.
 Coal: Solid black.

Artificial

Cement: White background with black horizontal dashes.
 Mud Additives: White background with black horizontal dashes and dots.
 No sample: White background.

Accessories

Argillaceous: White background with black horizontal dashes.
 Calcareous: White background with black horizontal dashes and dots.
 Calcite: White background with black horizontal dashes and dots.
 Carbonaceous: White background with black horizontal dashes and dots.
 Flint: White background with black irregular shapes.
 Glauconite: White background with black horizontal dashes and dots.
 Laminated: White background with black horizontal dashes and dots.
 Marly: White background with black horizontal dashes and dots.
 Mica (unspec.): White background with black horizontal dashes and dots.
 Pyrite: White background with black horizontal dashes and dots.
 Quartz: White background with black horizontal dashes and dots.
 Sandy: White background with black horizontal dashes and dots.
 Silty: White background with black horizontal dashes and dots.

Fossils

Bryozoans: White background with black horizontal dashes and dots.
 Echinoids: White background with black horizontal dashes and dots.
 Fish: White background with black horizontal dashes and dots.
 Foraminifera: White background with black horizontal dashes and dots.
 Fossiliferous: White background with black horizontal dashes and dots.

Inoceramus: White background with black horizontal dashes and dots.
Ostracods: White background with black horizontal dashes and dots.
Shell fragments: White background with black horizontal dashes and dots.
Sponges: White background with black horizontal dashes and dots.

Framework

Lime-Mudstone: White background with black horizontal dashes and dots.
 Lime-Wackestone: White background with black horizontal dashes and dots.
 Lime-Grainstone: White background with black horizontal dashes and dots.
 Microcrystalline: White background with black horizontal dashes and dots.
 Crystalline: White background with black horizontal dashes and dots.

Matrix-supported

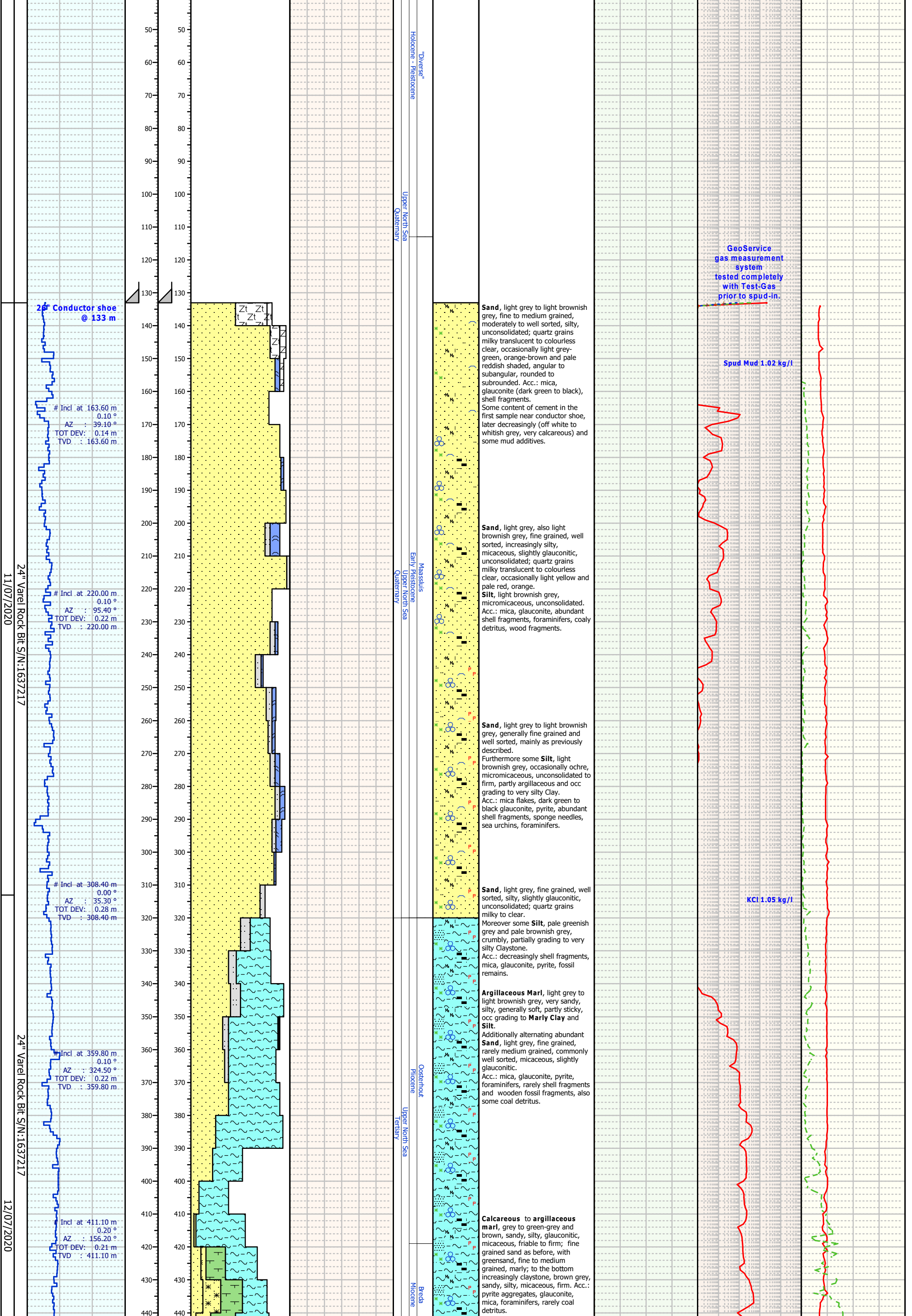
White background with black horizontal dashes and dots.

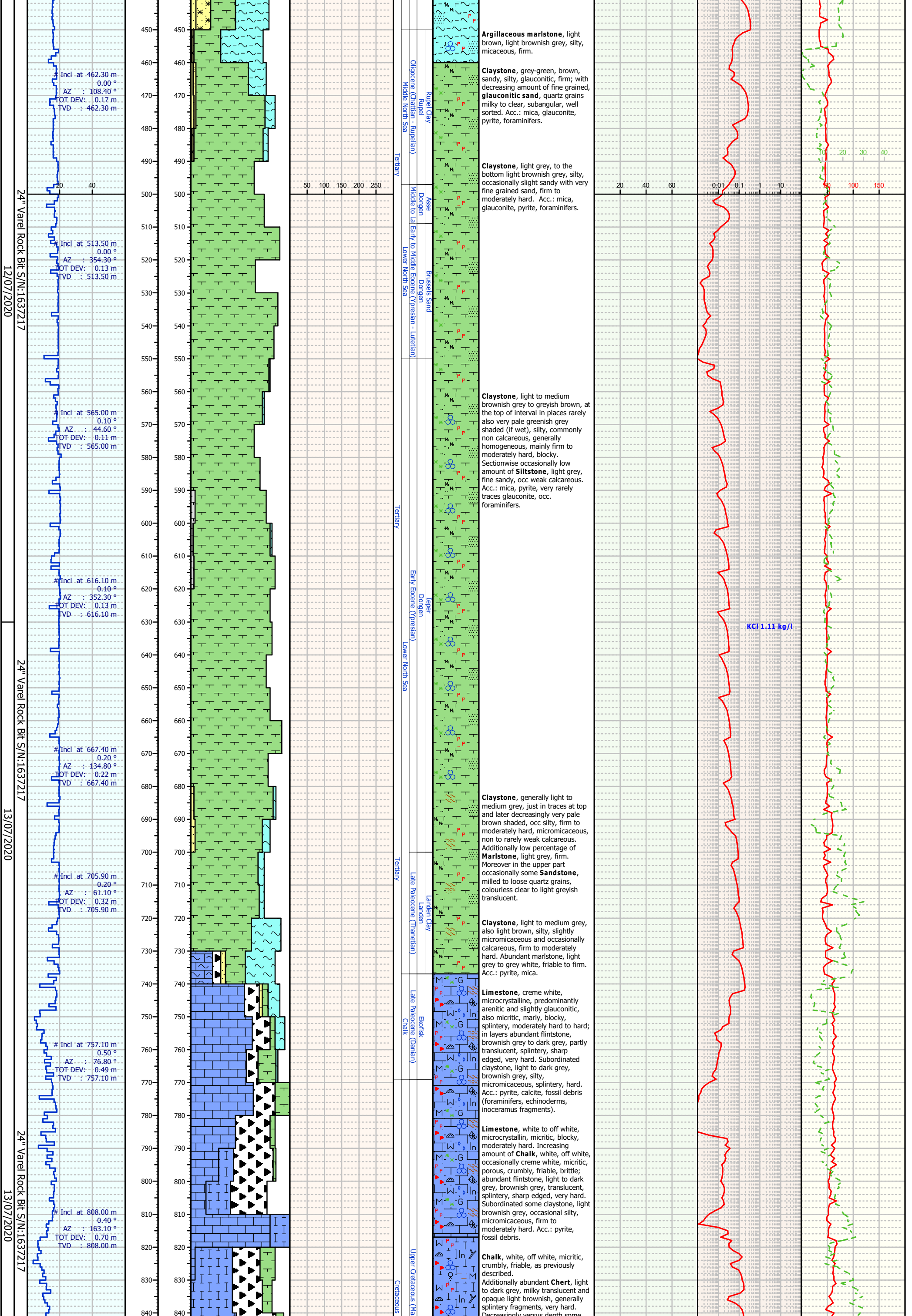
Technical symbols

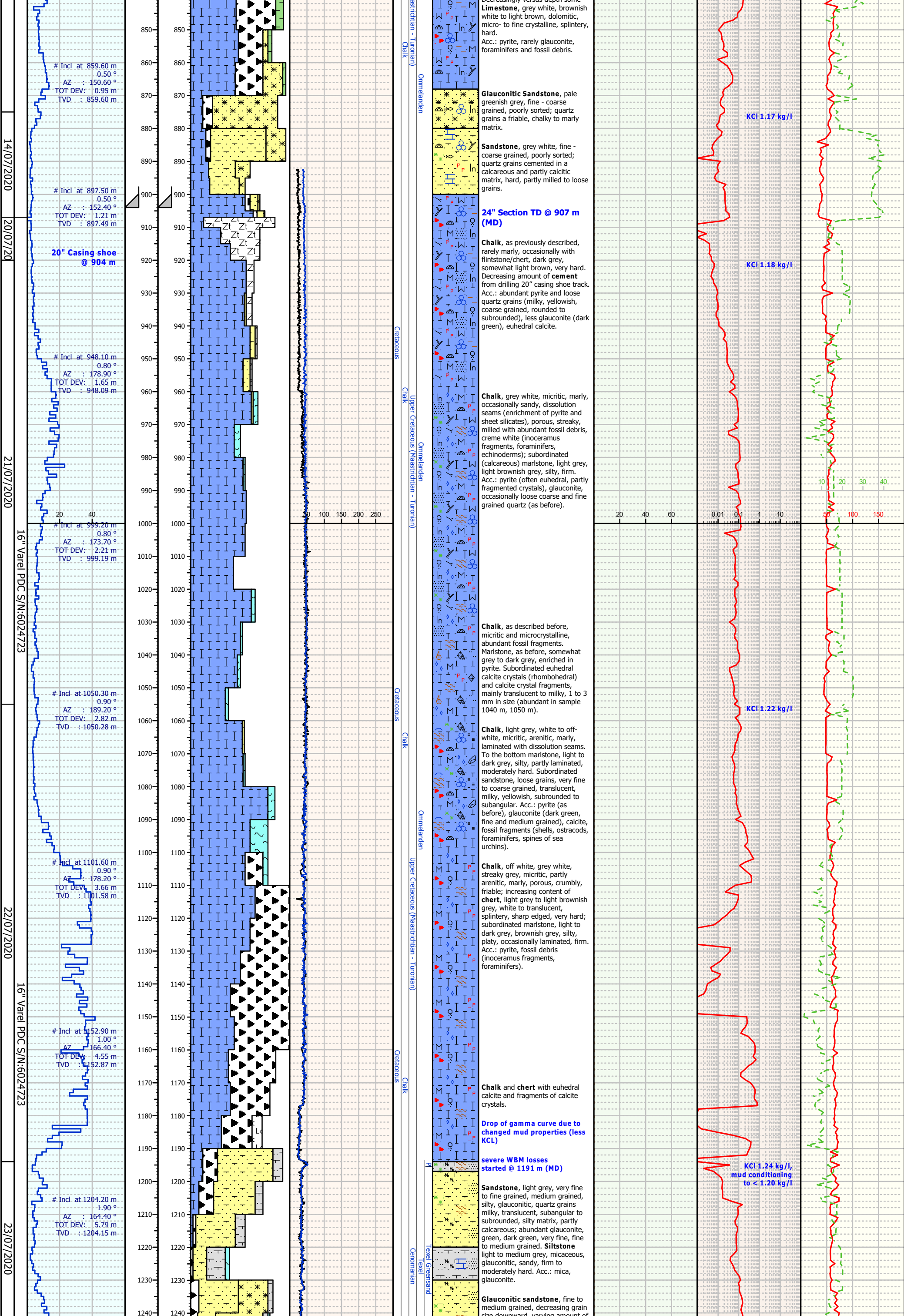
Casing shoe: White background with black horizontal dashes and dots.
 Liner head: White background with black horizontal dashes and dots.
 Sidewall core: White background with black horizontal dashes and dots.
 (unrecovered): White background with black horizontal dashes and dots.
 Hydrocarbon show: White background with black horizontal dashes and dots.

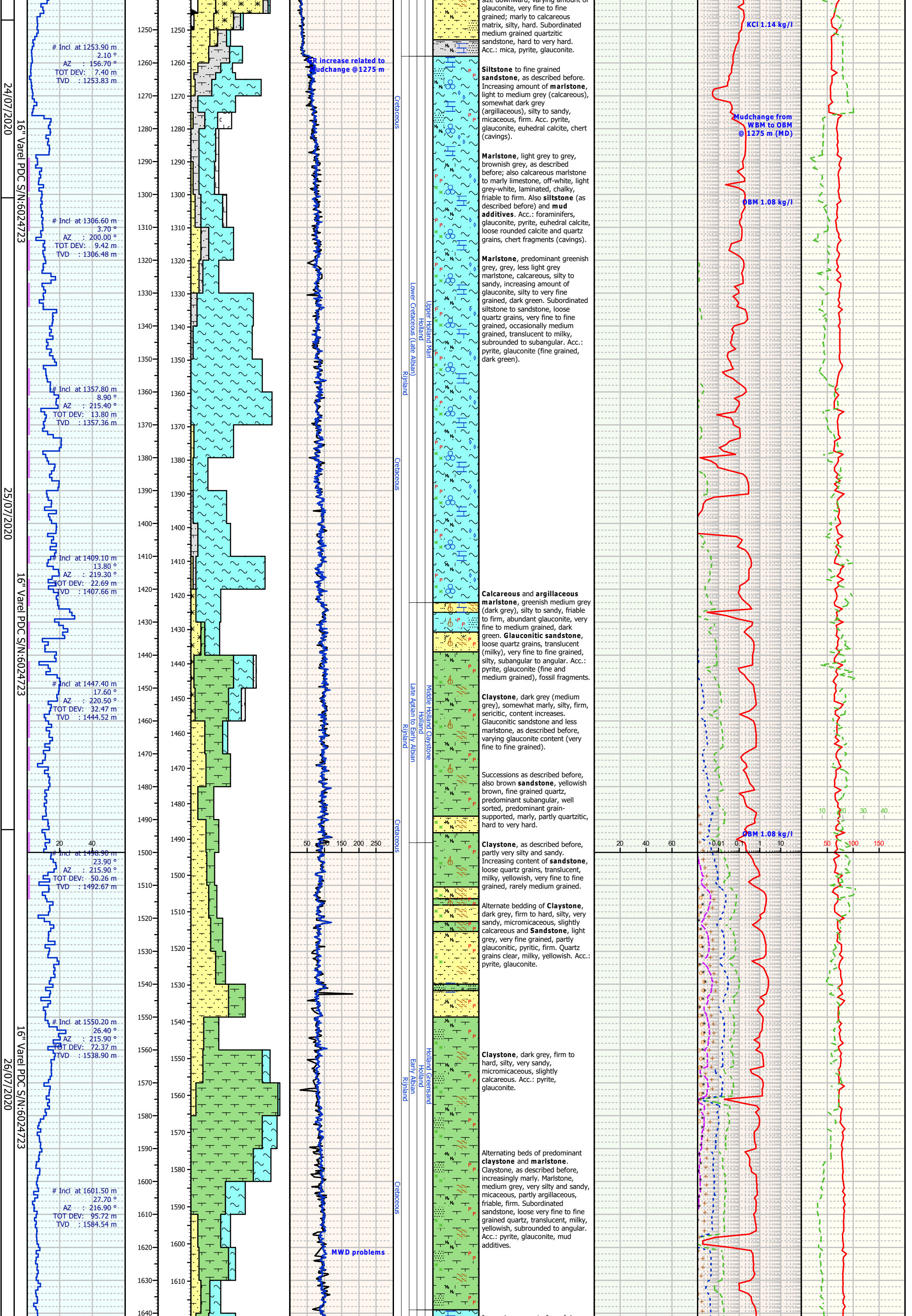
Vertical axis is measured depth.

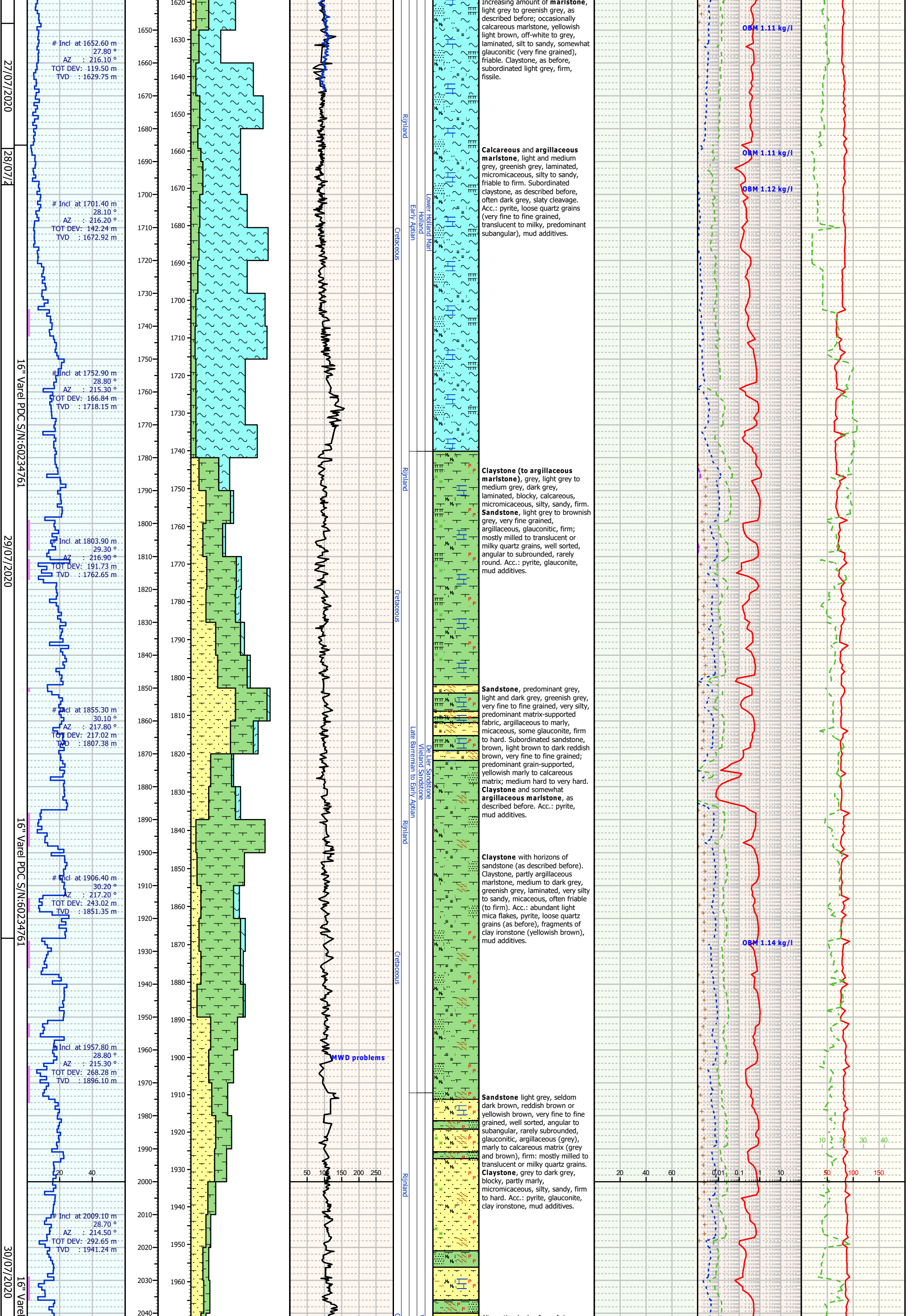
Bit Date (dd/mm/yy)	R.O.P.	Depth Driller's depth in m from Rotary Table/Rig Floor	T.V.D. True Vertical Depth in m from Rotary Table/Rig Floor	Lithological Composition	Gamma Ray	Litho- Stratigraphy	Lithology and accessories	Sample Descriptions, Micropaleontology, Remarks	Calcimetry and Dolomimetry (in fine fraction)	Hydrocarbon Gas	Hookload and W.O.B.
	R.O.P. [m/h]	1:1000		(fine fraction)	Gamma Ray 3 Gamma Ray 2 Gamma Ray 1 [gAPI]				Total Carbonate Dolomite Calcite [%]	nC5 iC5 nC4 iC4 C3 C2 C1 [%]	MWD W.O.B. W.O.B. [tf] Hookload [tf]
	20 40			20 40 60 80	50 100 150 200 250				20 40 60	0.01 0.1 1 10	10 20 30 40 50 100 150
		0									
		10	10								
		20	20								
		30	30								
		40	40								

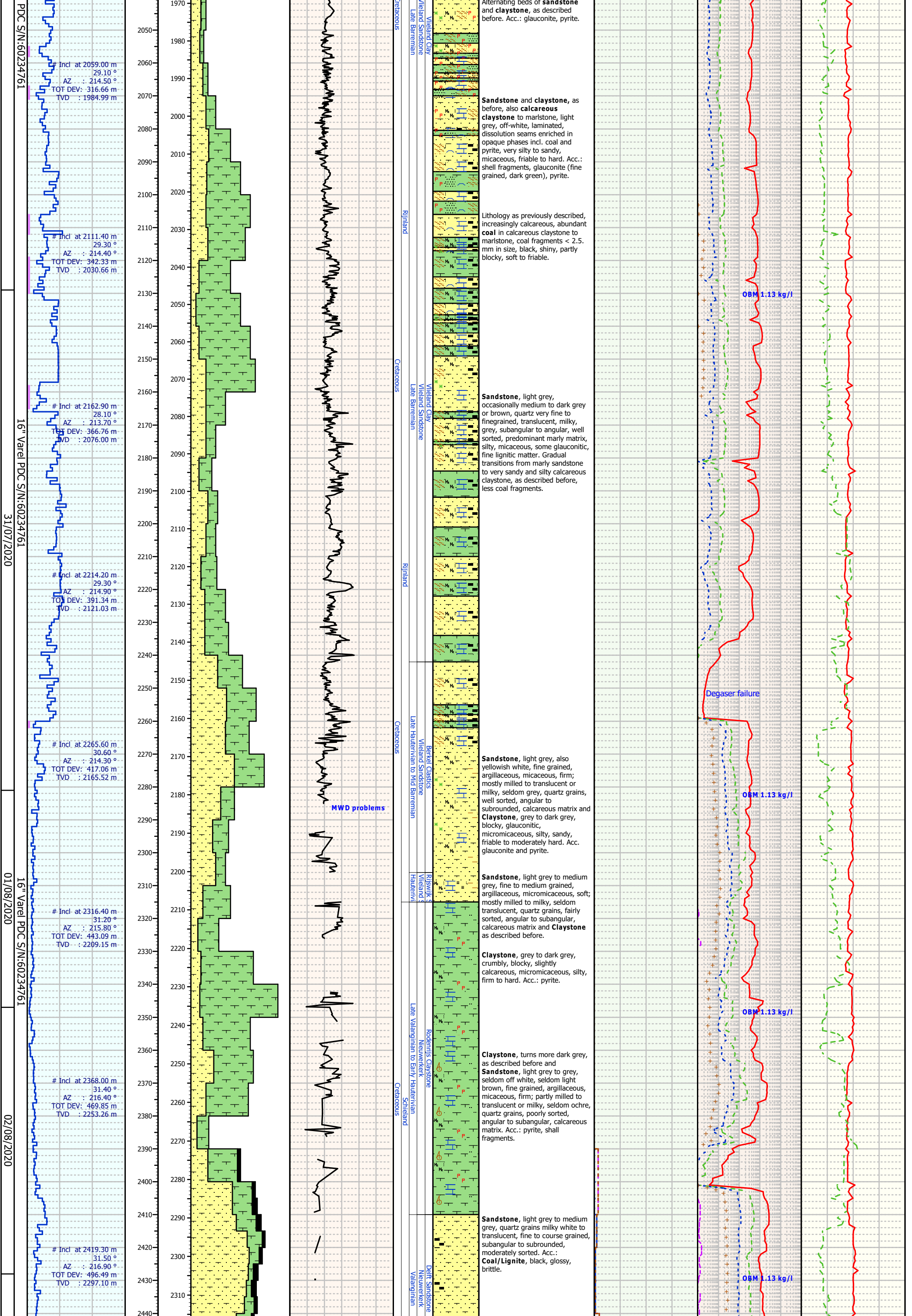












16" Varel PDC S/N:60234761		03/08/2020		04/08/2020		I		Date (dd/mm/yy)	
		R.O.P.		Depth		T.V.D.		Lithological Composition	
Driller's depth in m from Rotary Table/Rig Floor		True Vertical Depth in m from Rotary Table/Rig Floor		(fine fraction)		Gamma Ray		Litho-Stratigraphy	
1:1000		1:1000		Gamma Ray 3		Gamma Ray 2		Gamma Ray 1 [gAPI]	
20 40		20 40 60 80		50 100 150 200 250		50 100 150 200 250		50 100 150 200 250	
2450 2460 2470 2480 2490 2500 2510 2520 2530 2540 2550		2320 2330 2340 2350 2360 2370 2380 2390 2400 2410		Cretaceous		Schieffeld		Albaserden	
		Claystone, grey to dark grey, partly red to reddish brown, blocky, crumbly, micromicaceous, silty, firm and Sandstone, off white, light grey, seldom light brown, fine grained, micromicaceous, soft; mostly milled to translucent or milky, partly red or light brown, quartz grains, moderately sorted, angular to subangular. Acc.: pyrite		Lithology and accessories		Sample Descriptions, Micropaleontology, Remarks		Calcimetry and Dolomimetry (in fine fraction)	
		Hydrocarbon Gas		Hookload and W.O.B.		nC5		iC5	
Total Carbonate		MWD W.O.B.		W.O.B. [tf]		nC4		C3	
Dolomite		10 20 30 40		50 100 150		C2		C1 [%]	
Calcite [%]		Hookload [tf]		50 100 150		0.01 0.1 1 10			
20 40 60		0.01 0.1 1 10							