



DUAL INDUCTION LOG

Company	Scout Energy Partners	Company	Scout Energy Partners
Well	Mueller #1-6 ATU-353X	Well	Mueller #1-6 ATU-353X
Field	Hugoton-Panoma	Field	Hugoton-Panoma
County	Stevens	County	Stevens
State	KS	State	KS
Location:	API # : 15-189-22869 SE/SE/SE/SE 222' FSL & 247' FEL		Other Services LITHO SON
Permanent Datum	SEC 15 TWP 33S RGE 36W	Elevation	3029'
Log Measured From	Ground Level	Elevation	3029'
Drilling Measured From	KB 5' AGL	Elevation	3034'
	KB	Elevation	3033'
		Elevation	G.L. 3029'
Date	9/4/22		
Run Number	One		
Depth Driller	3273'		
Depth Logger	3270'		
Bottom Logged Interval	3268'		
Top Log Interval	Surface		
Casing Driller	8 5/8" @ 676'		
Casing Logger	676'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	8.8/44		
pH / Fluid Loss	9.5/8.4		
Source of Sample	Pit		
Rm @ Meas. Temp	1.85@70degf		
Rmf @ Meas. Temp	1.39@70degf		
Rmc @ Meas. Temp	2.22@70degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.33@97degf		
Time Circulation Stopped	11:00 P.M.		
Time Logger on Bottom	2:45 A.M.		
Maximum Recorded Temperature	97degf		
Equipment Number	T605		
Location	Hays, KS		
Recorded By	Casey Patterson		
Witnessed By	Jordan Noret	Omar Peinado	

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Hugoton,KS Hwy 51 East 8 mi to Rd20 .,
250 feet North on Rd 20, West Into Location

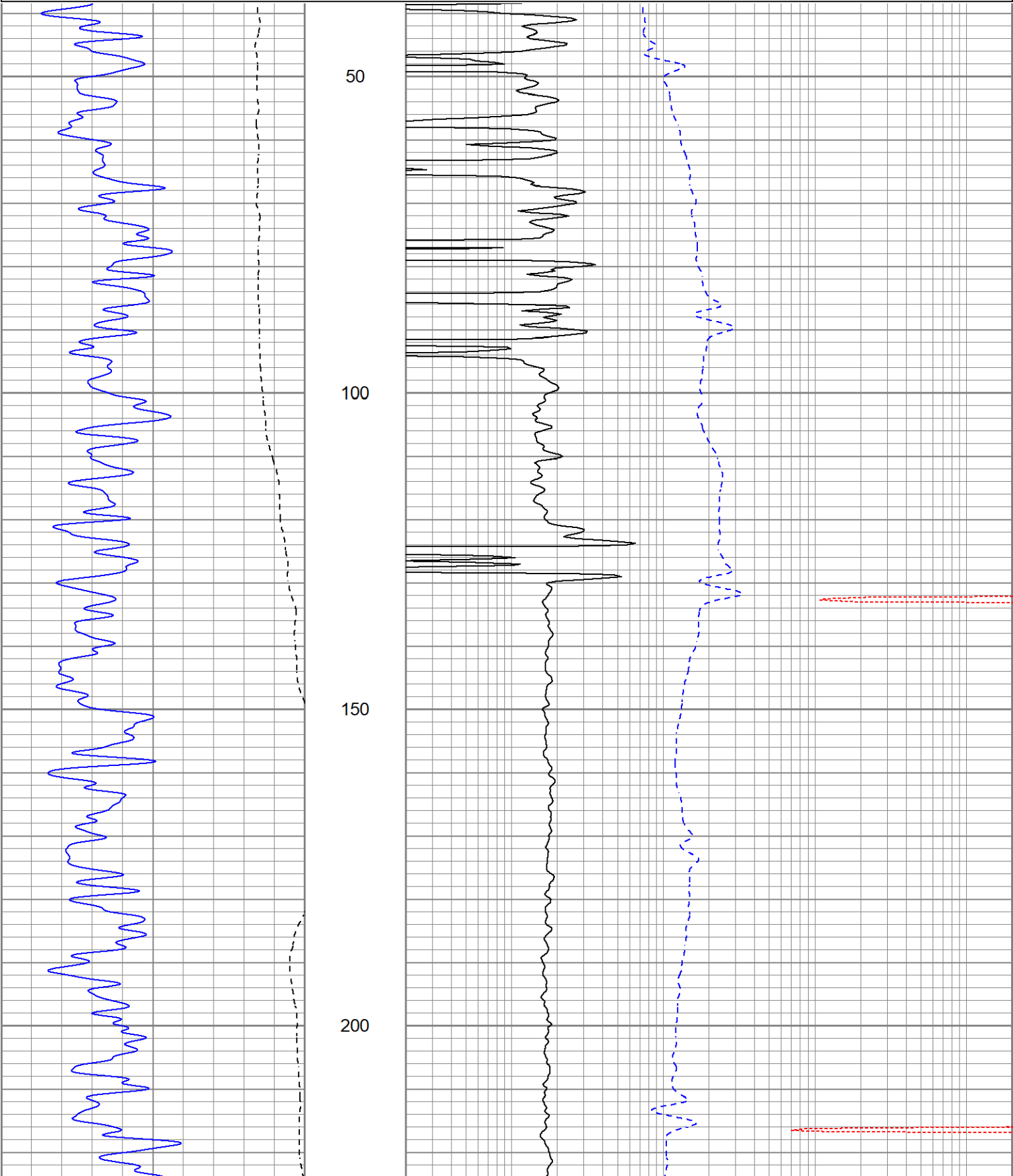
Thank You for using Gemini Wireline LLC
785-625-1182

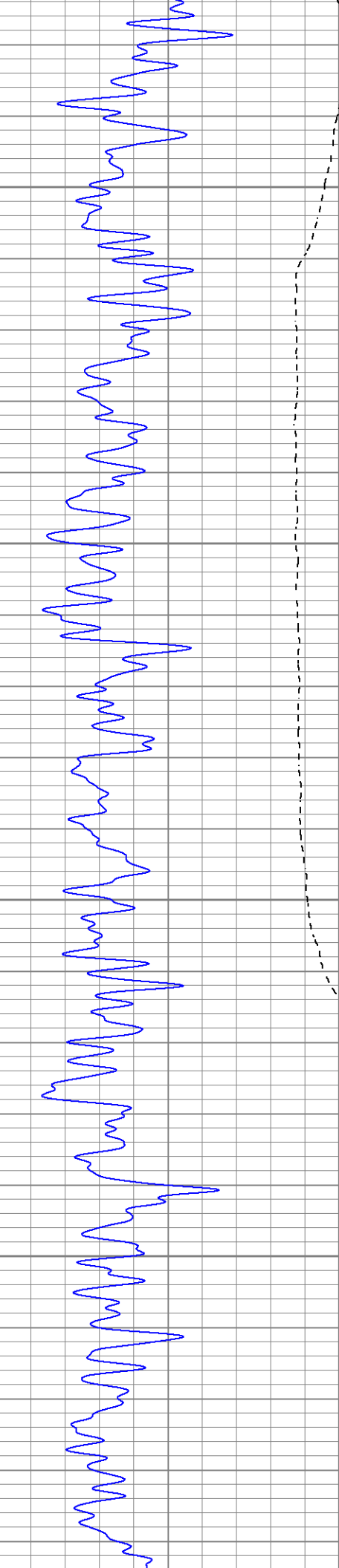


MAIN PASS

Database File	semueller#1-6-atu-353xoh.db
Dataset Pathname	pass2.1
Presentation Format	kdil
Dataset Creation	Sun Sep 04 04:18:20 2022
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150	0.2	RILD (Ohm-m)	2000
-100	SP (mV)	100	0.2	RLL3 (Ohm-m)	2000
			0.2	RILM (Ohm-m)	2000



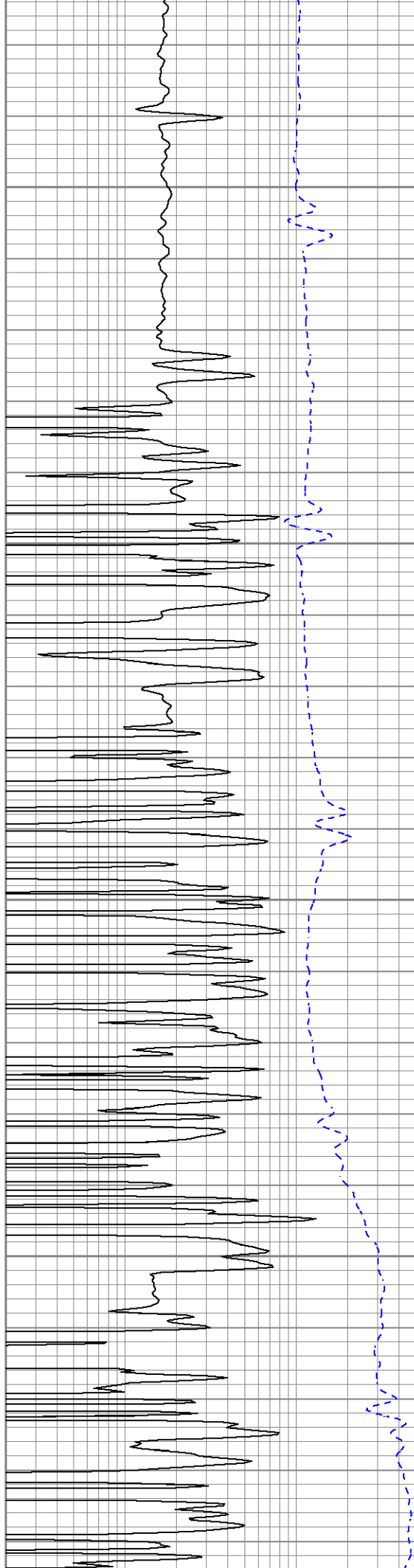


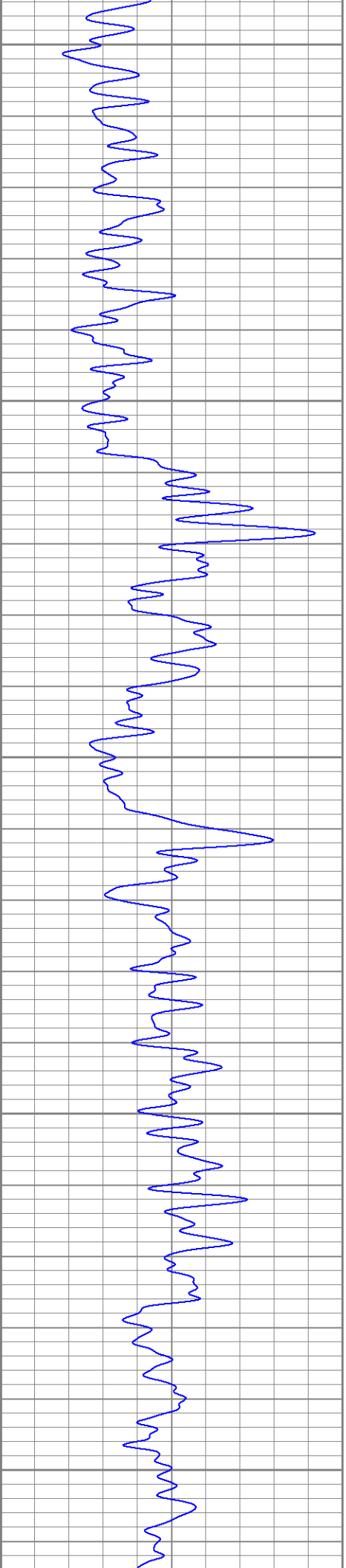
250

300

350

400





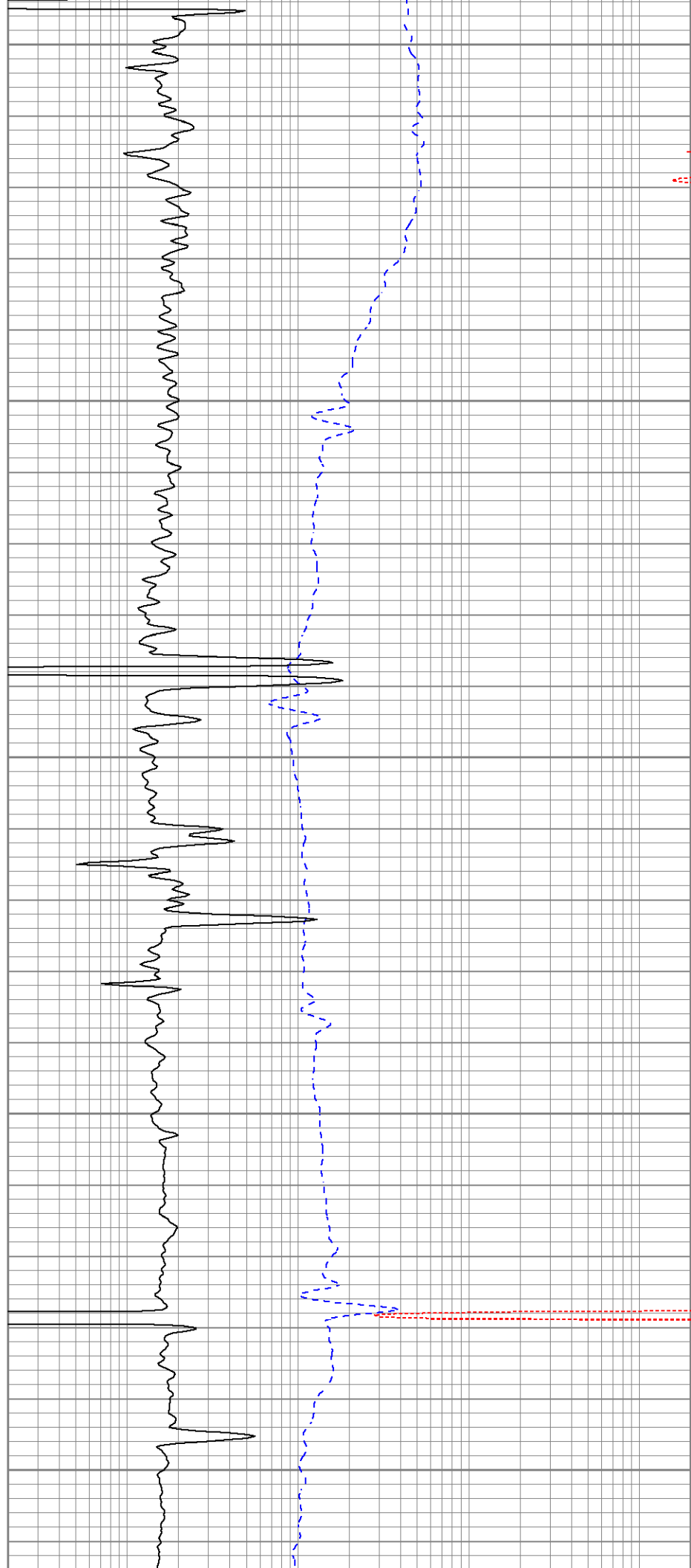
450

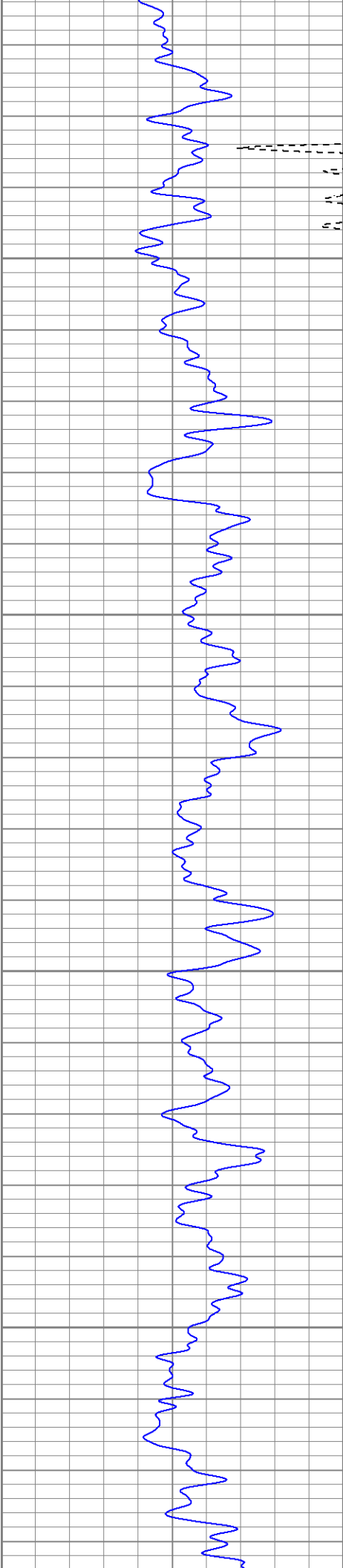
500

550

600

650



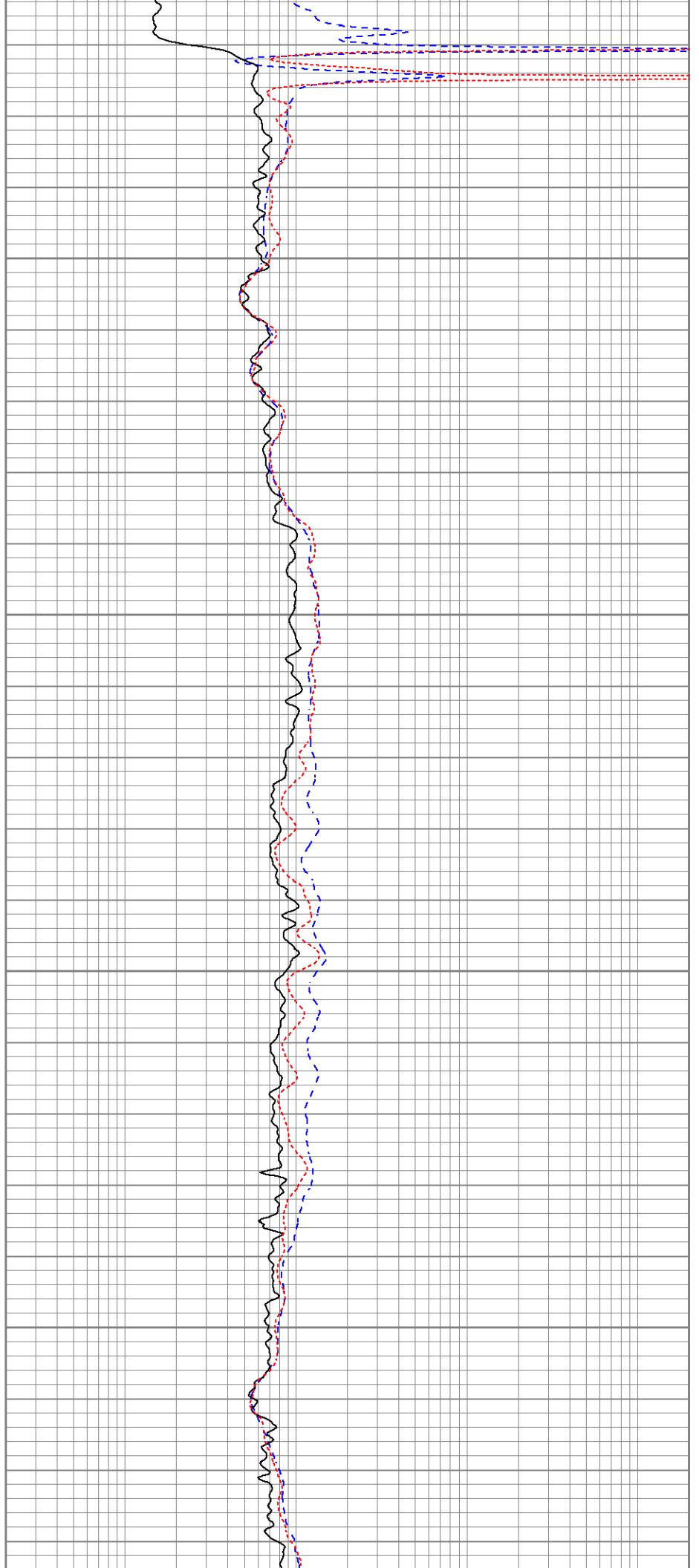


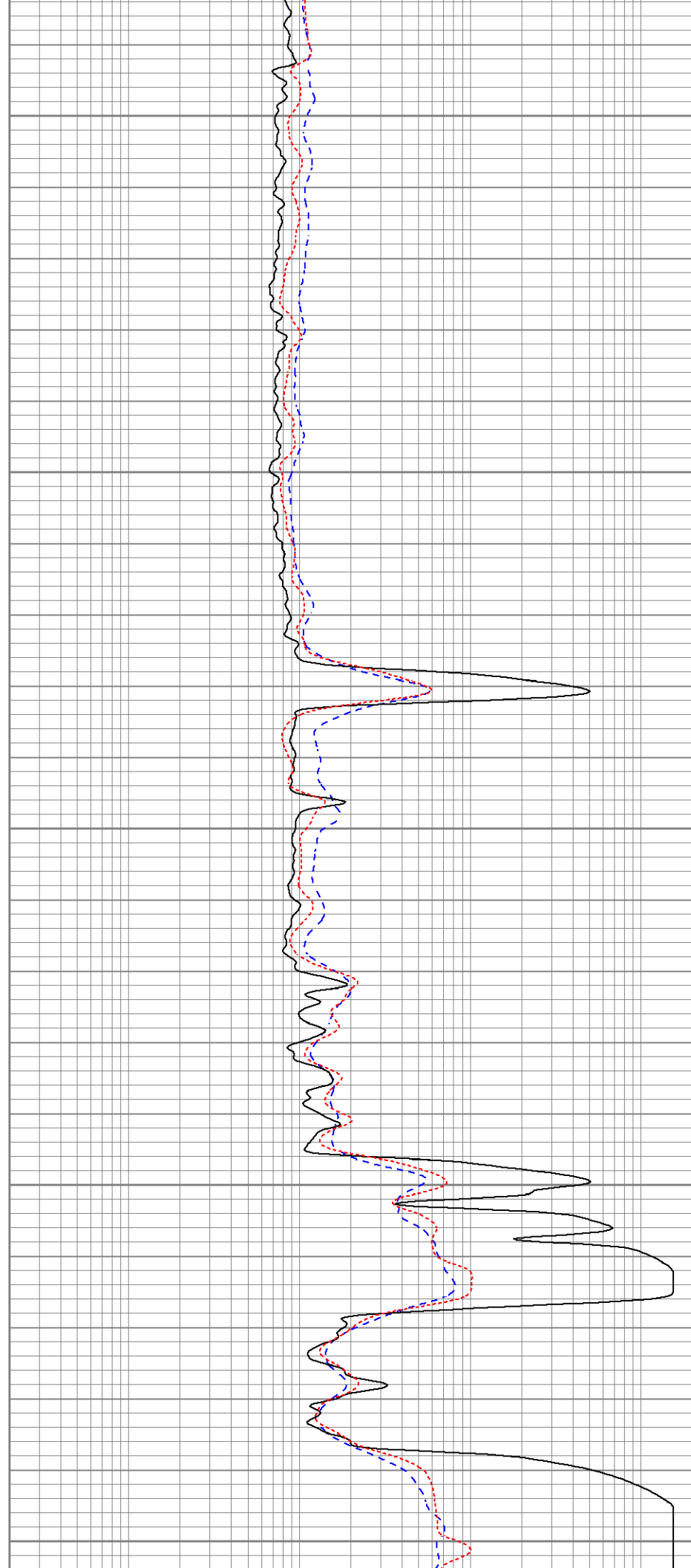
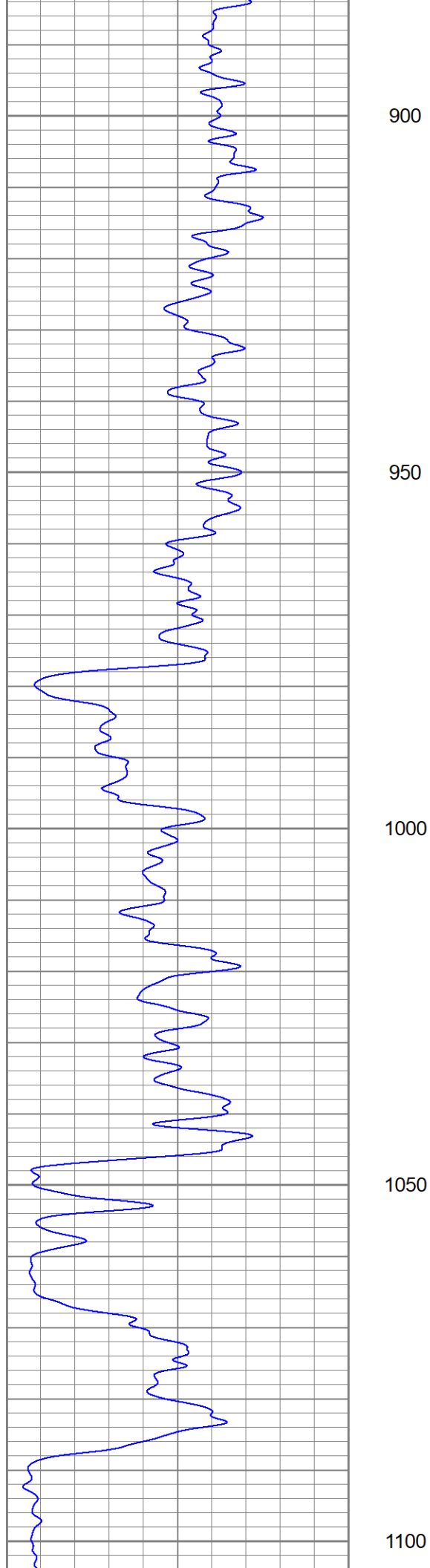
700

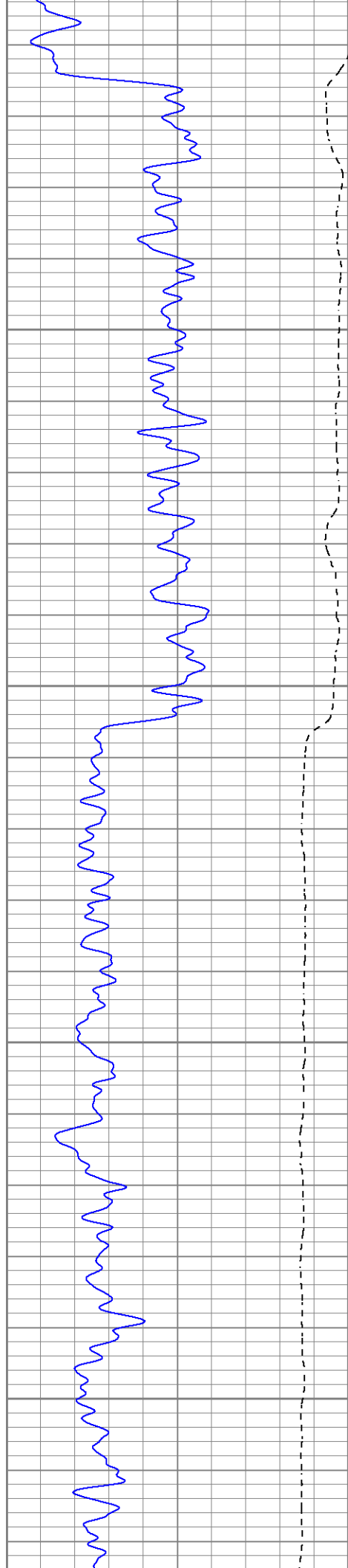
750

800

850





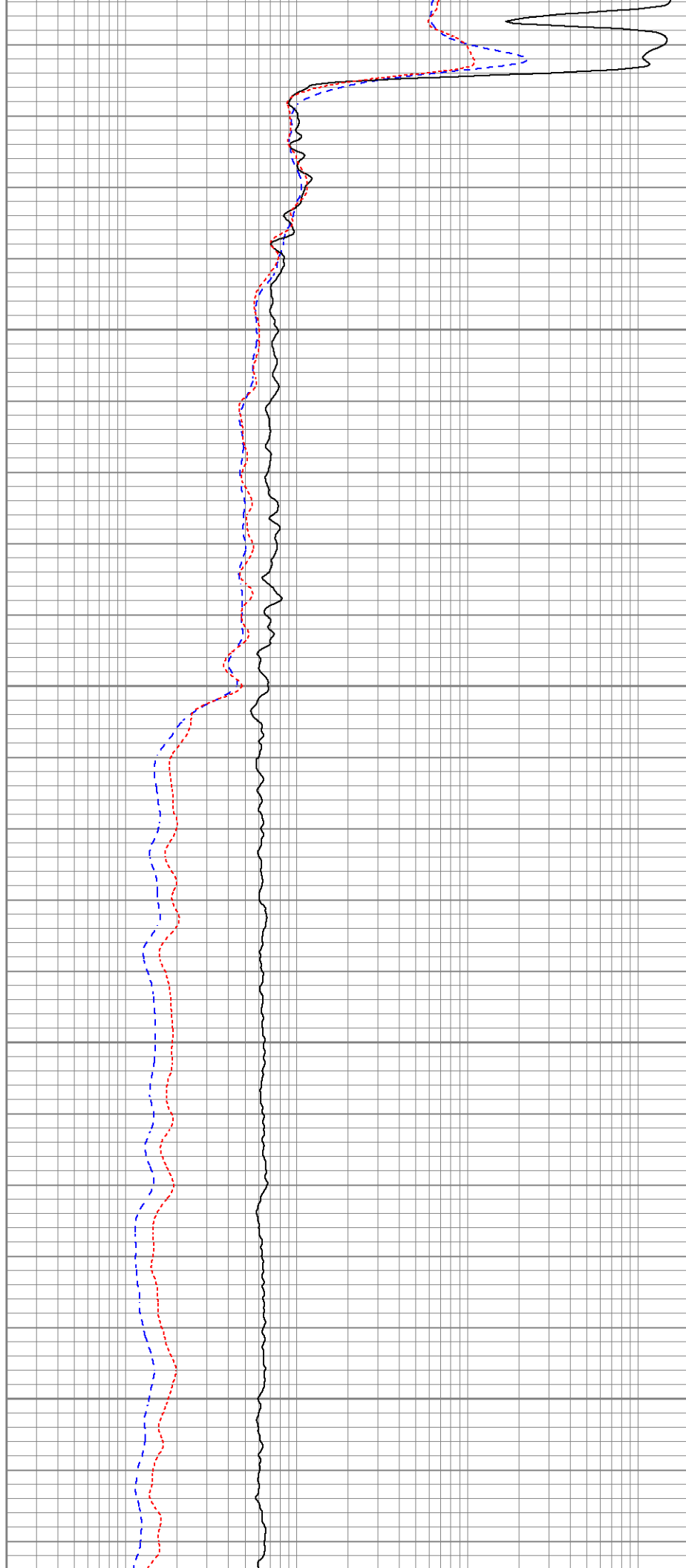


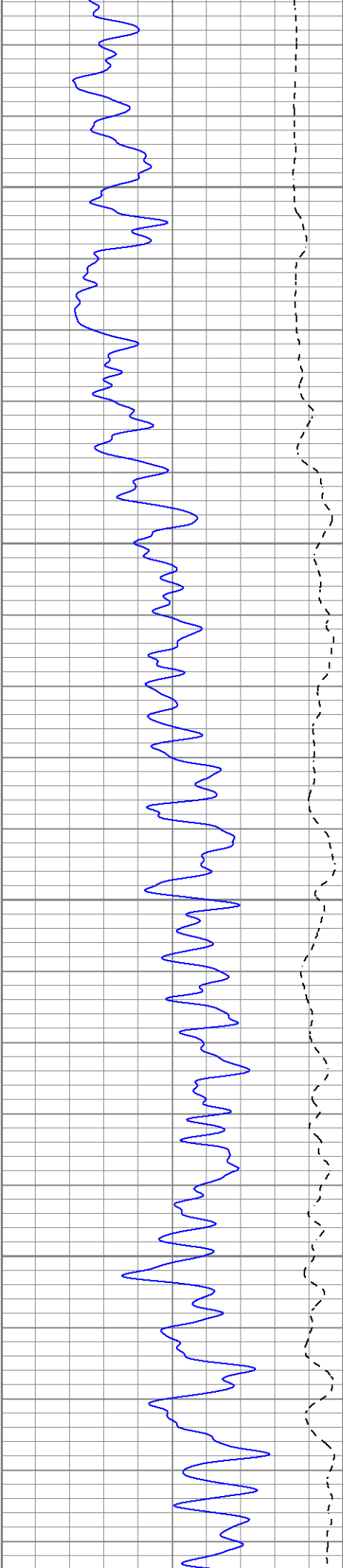
1150

1200

1250

1300



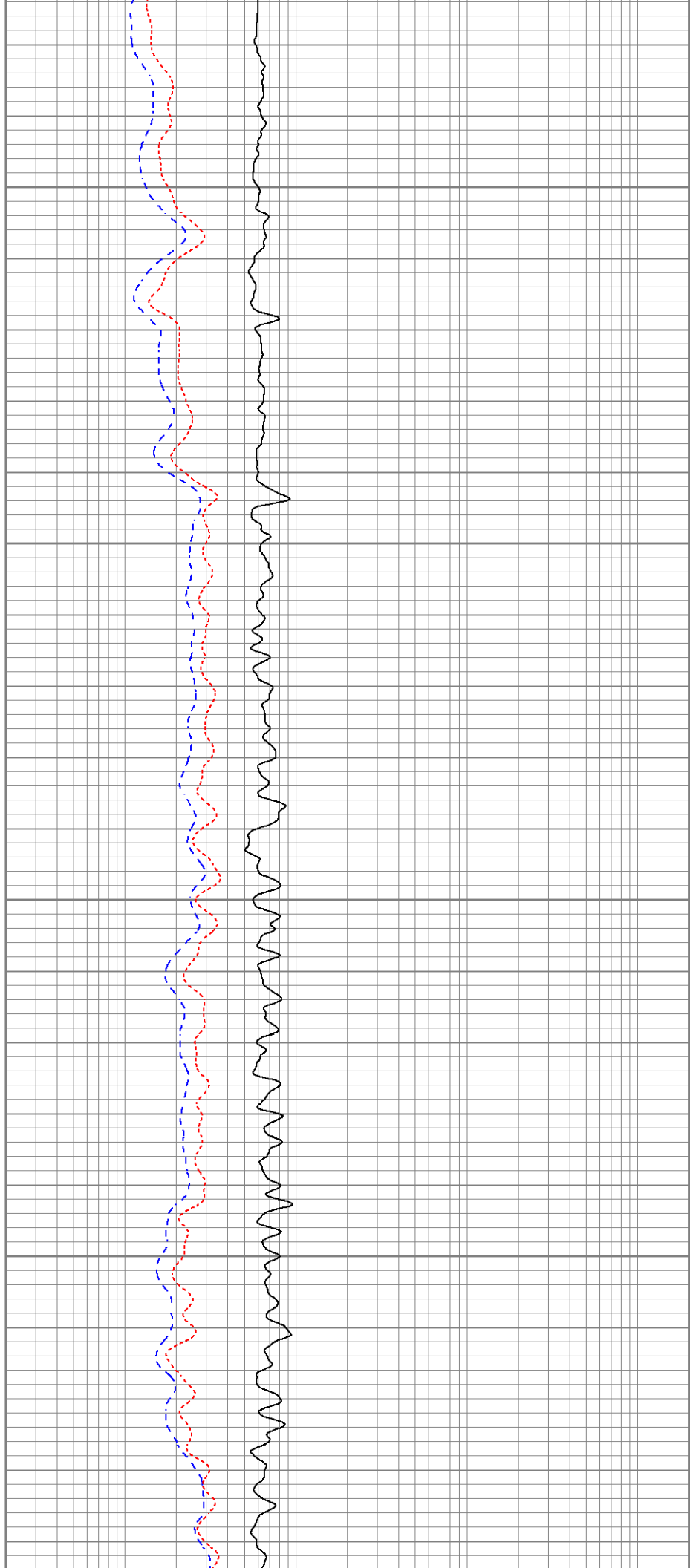


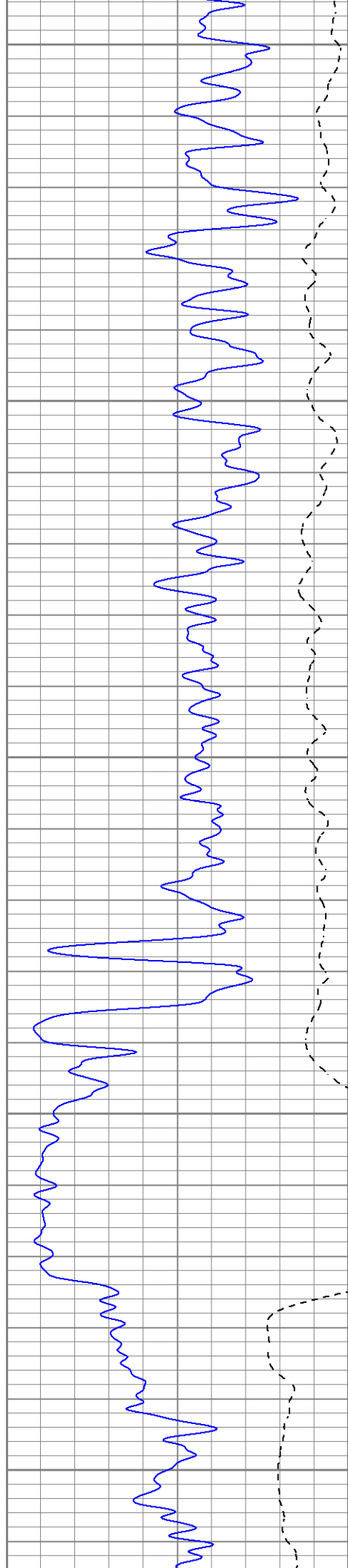
1350

1400

1450

1500





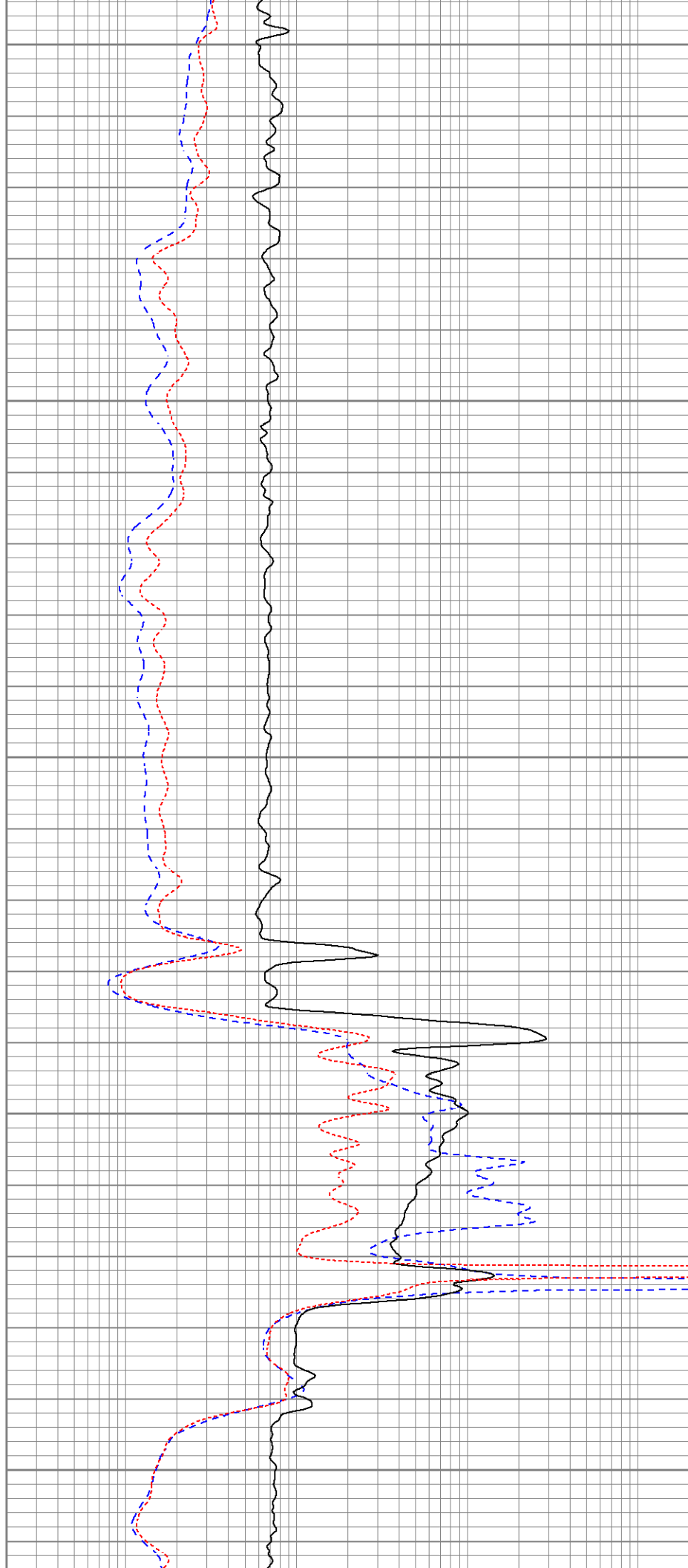
1550

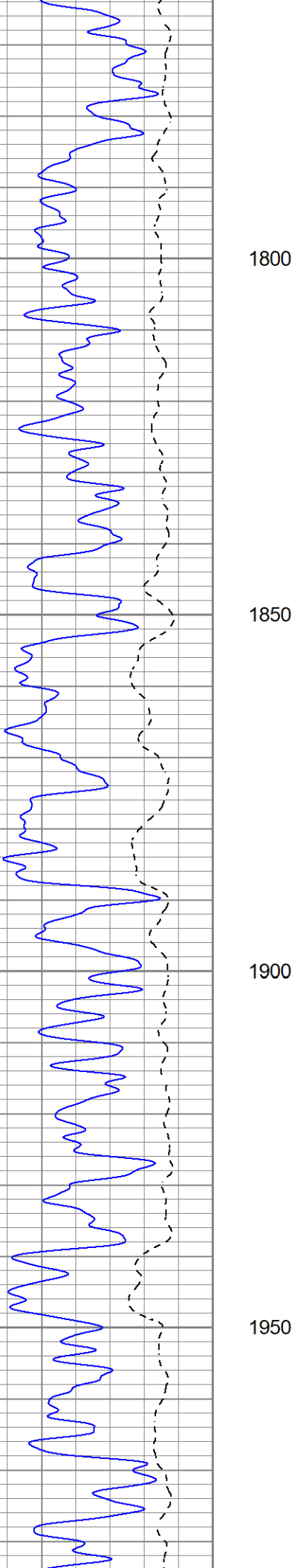
1600

1650

1700

1750



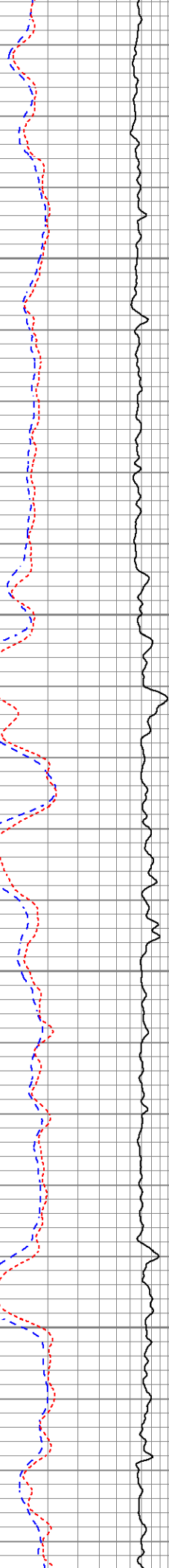


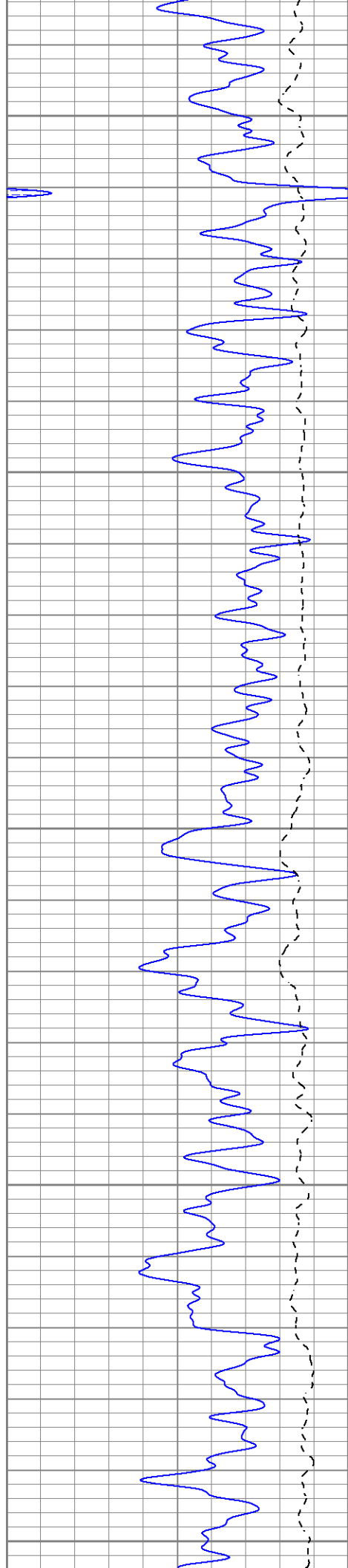
1800

1850

1900

1950





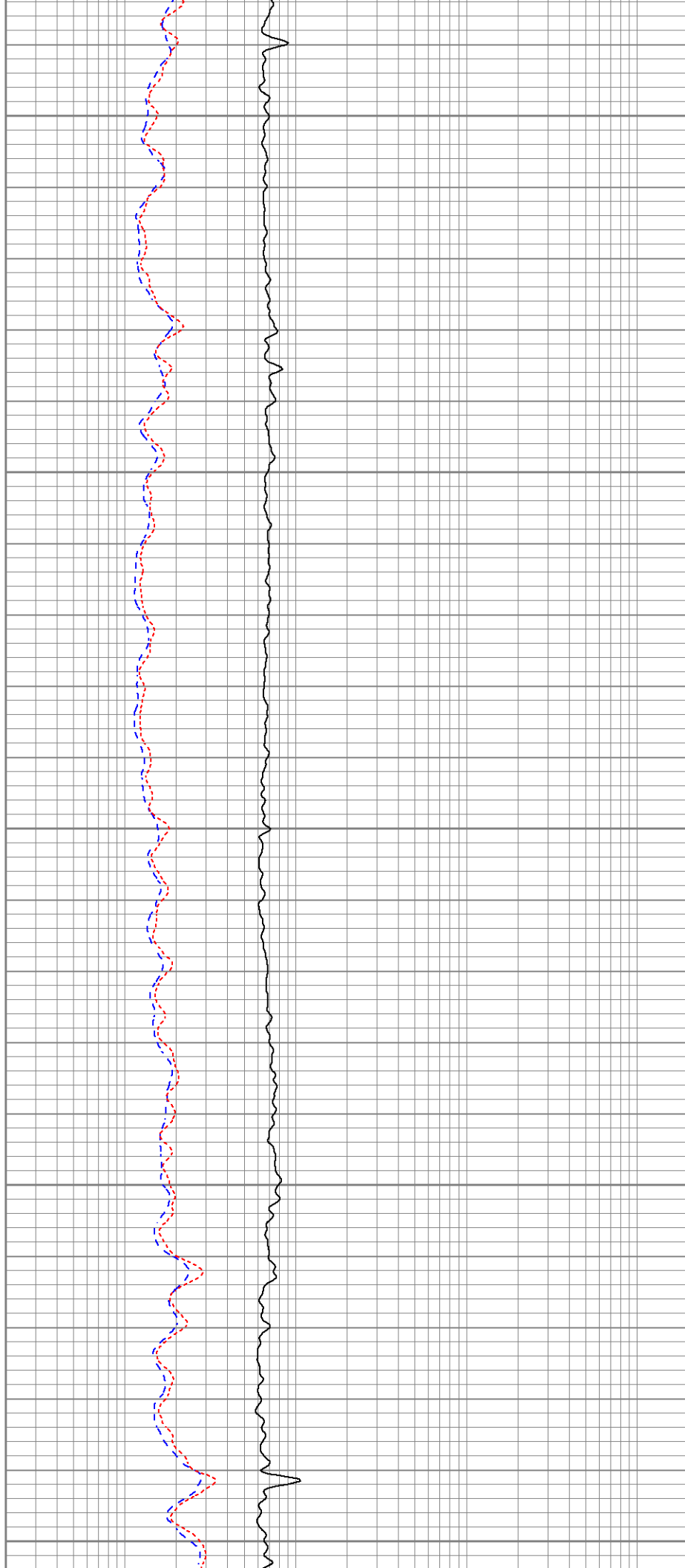
2000

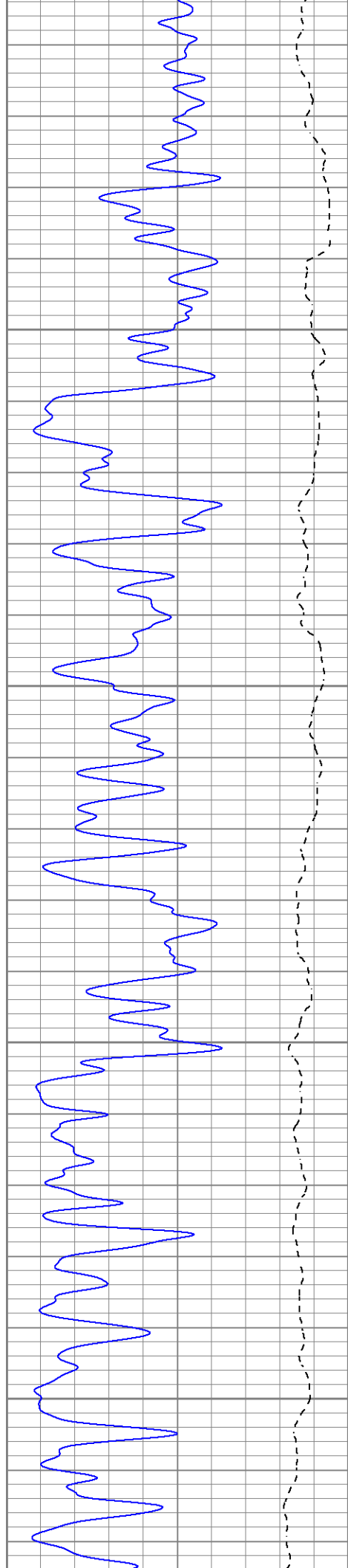
2050

2100

2150

2200



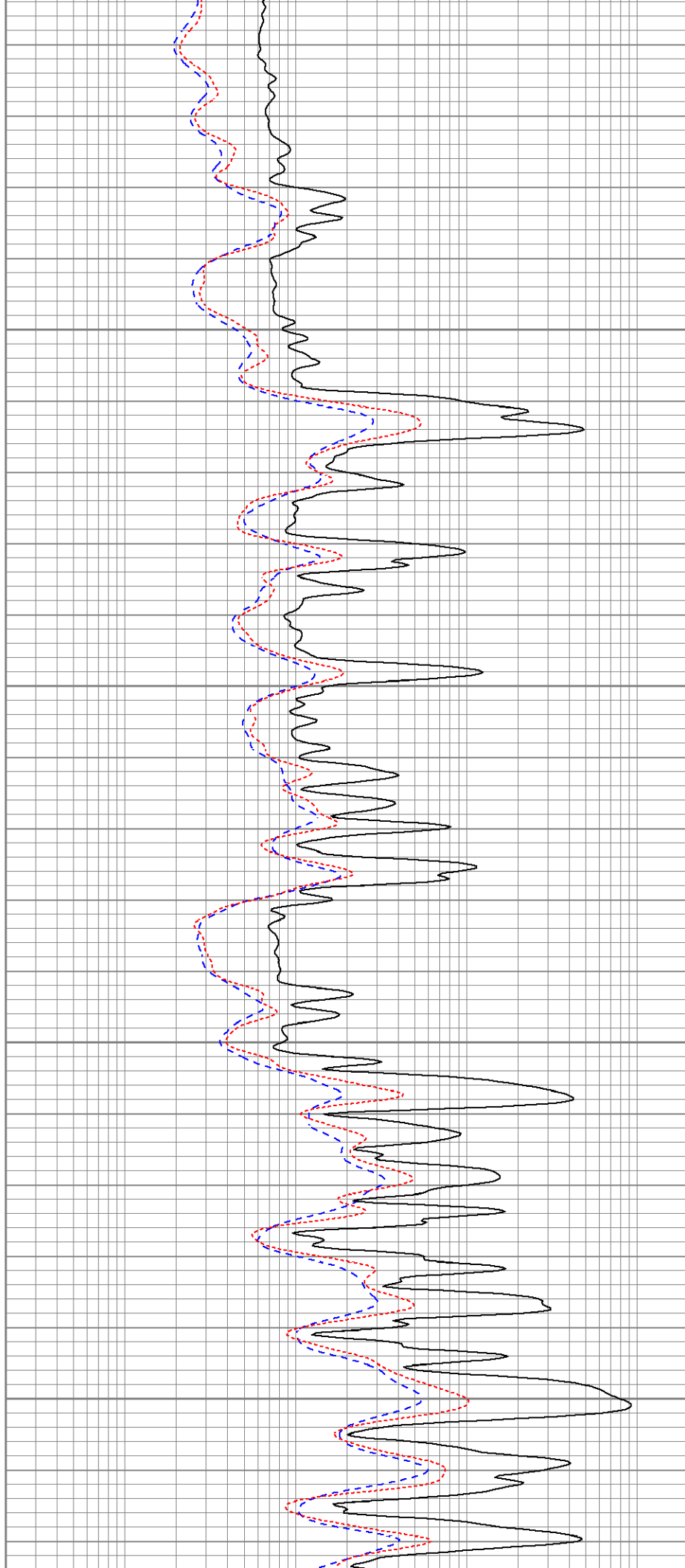


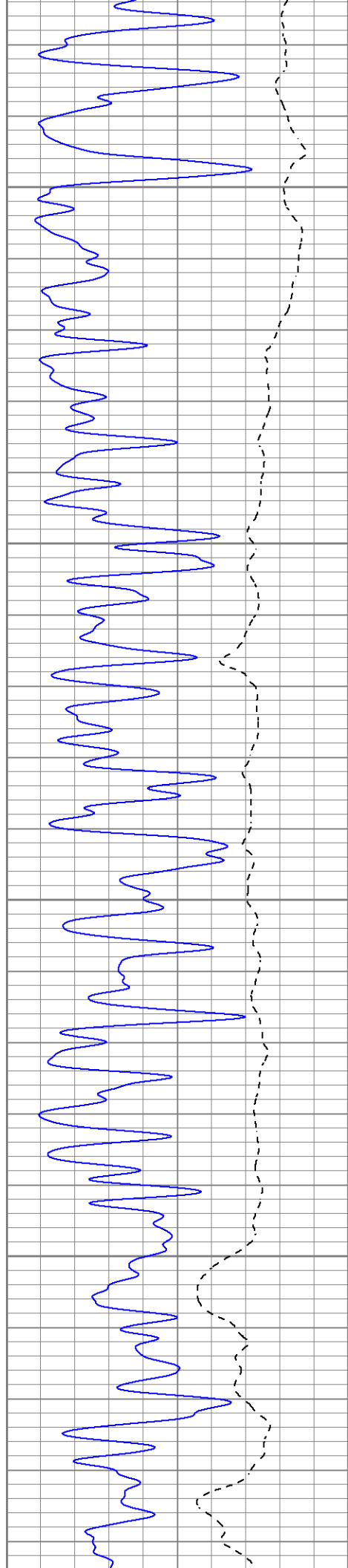
2250

2300

2350

2400



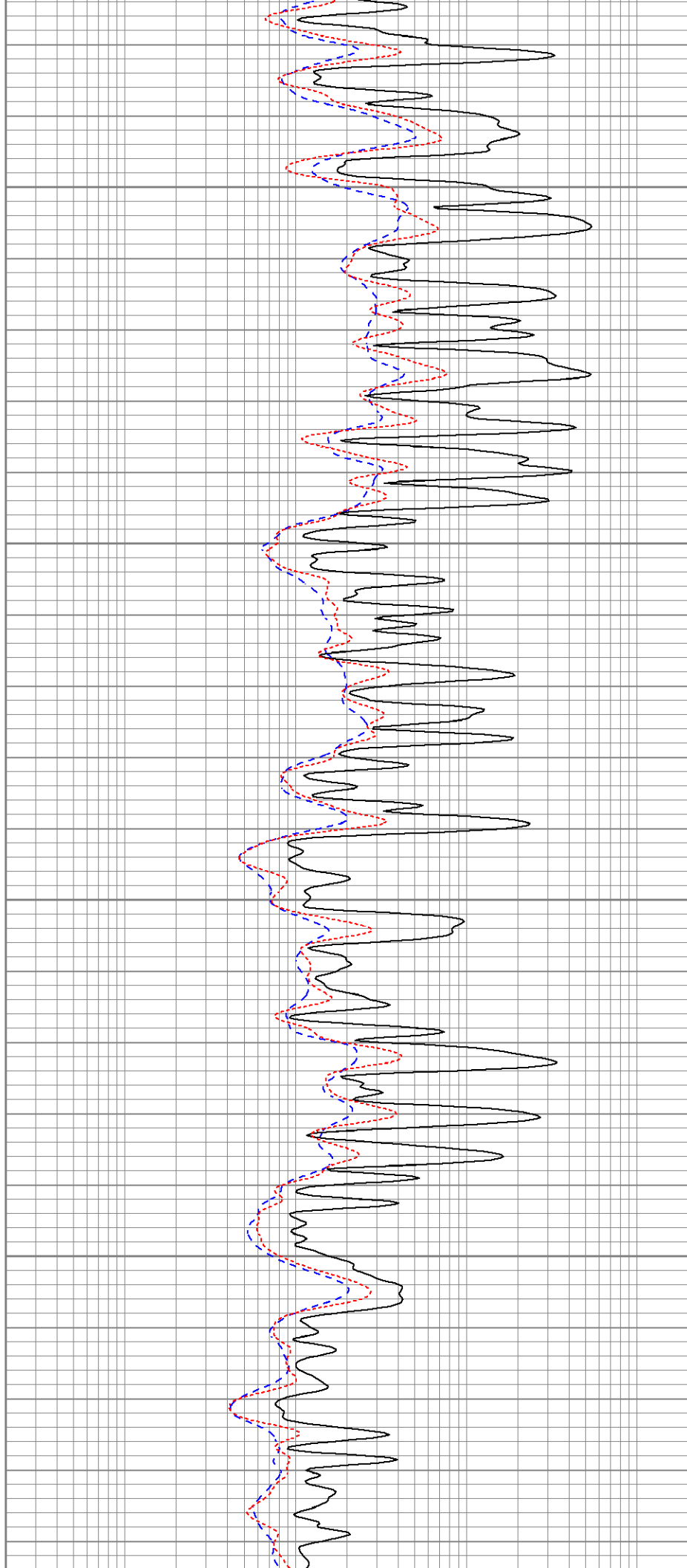


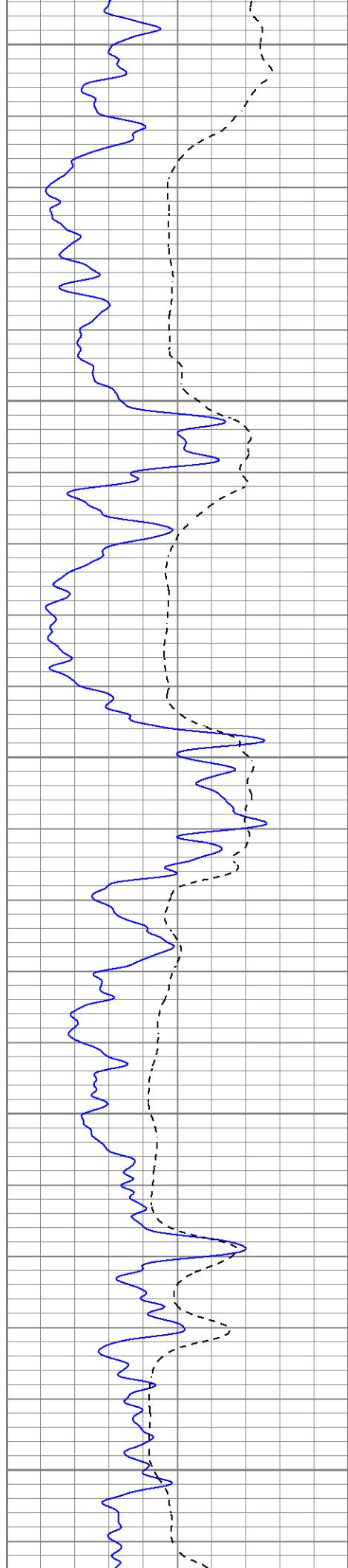
2450

2500

2550

2600





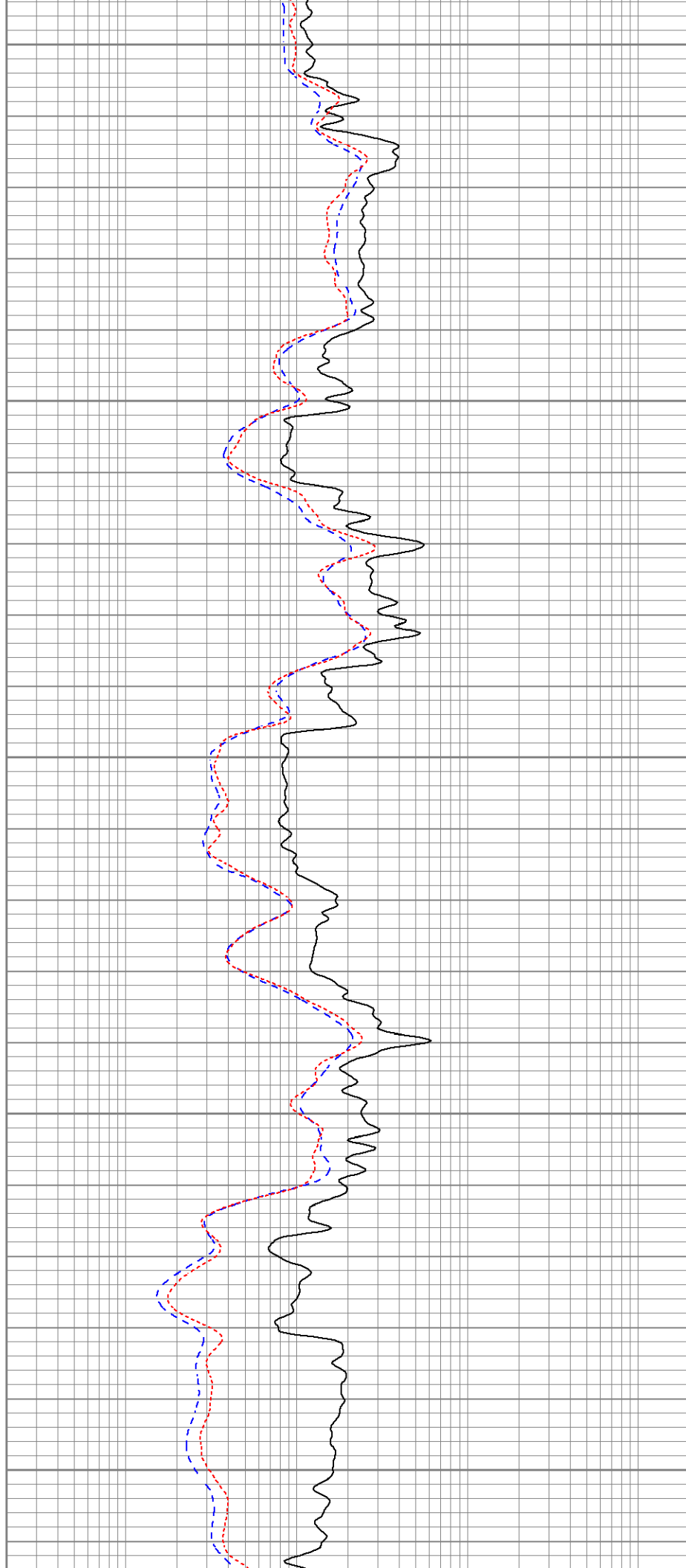
2650

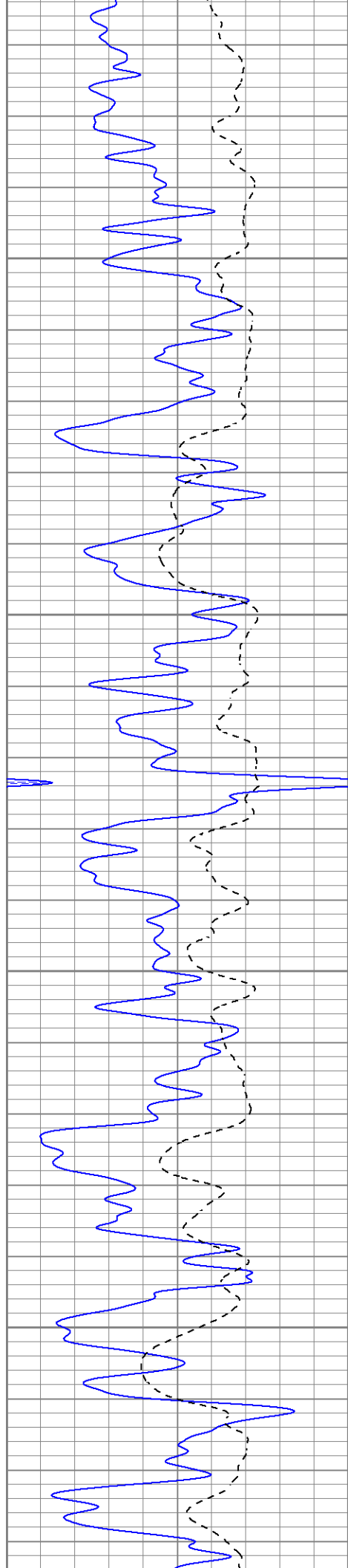
2700

2750

2800

2850



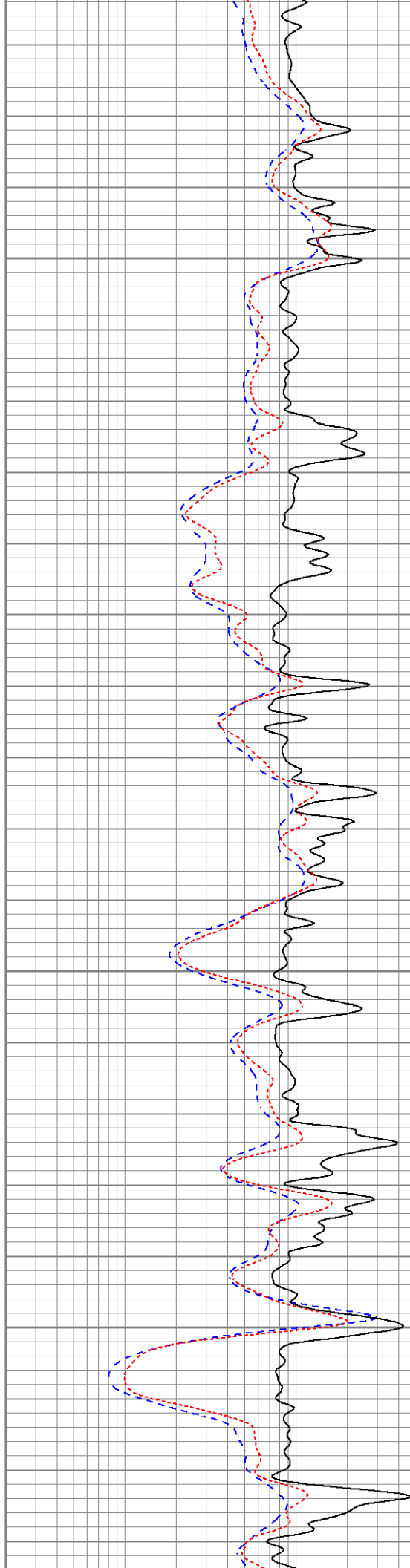


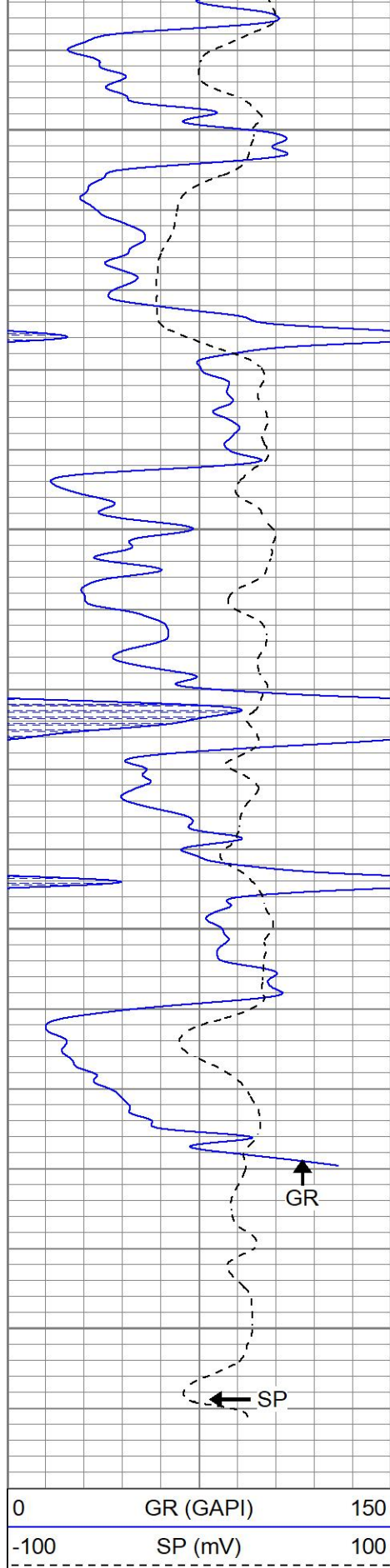
2900

2950

3000

3050



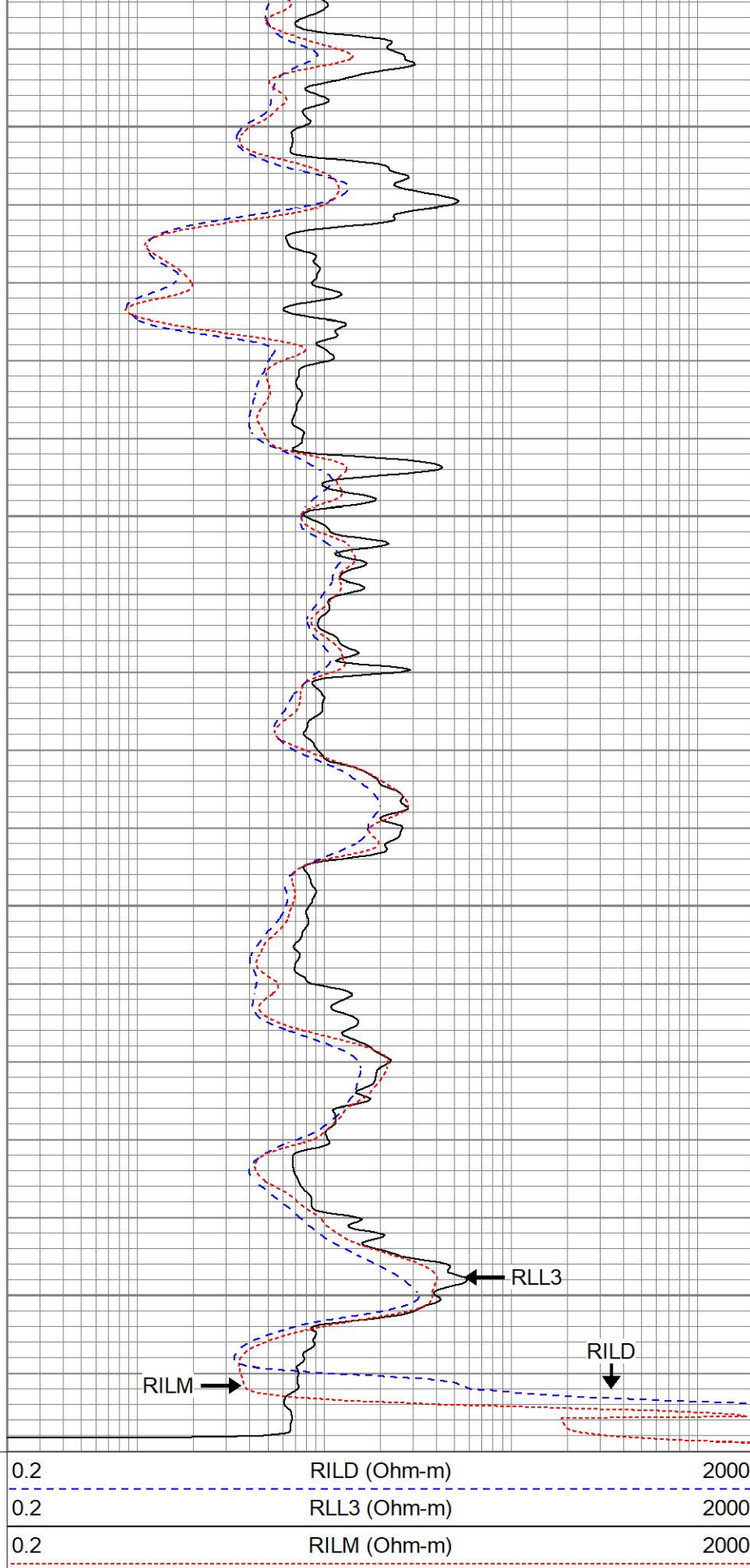


3100

3150

3200

3250

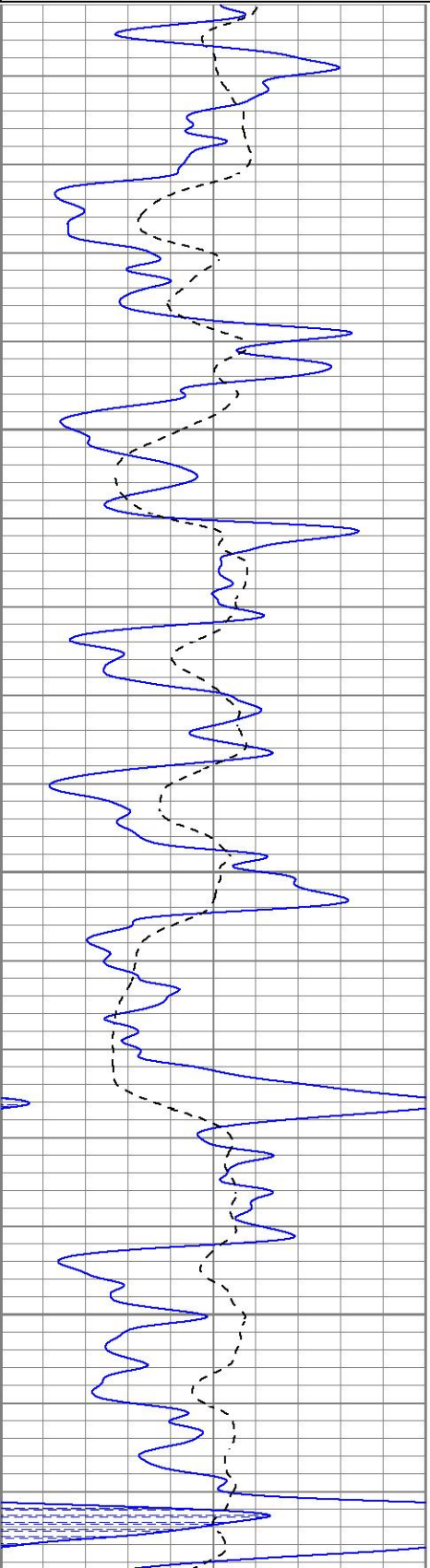


REPEAT SECTION

Database File semueller#1-6-atu-353xoh.db
Dataset Pathname pass1.1
Presentation Format kdil
Dataset Creation Sun Sep 04 03:34:58 2022
Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100

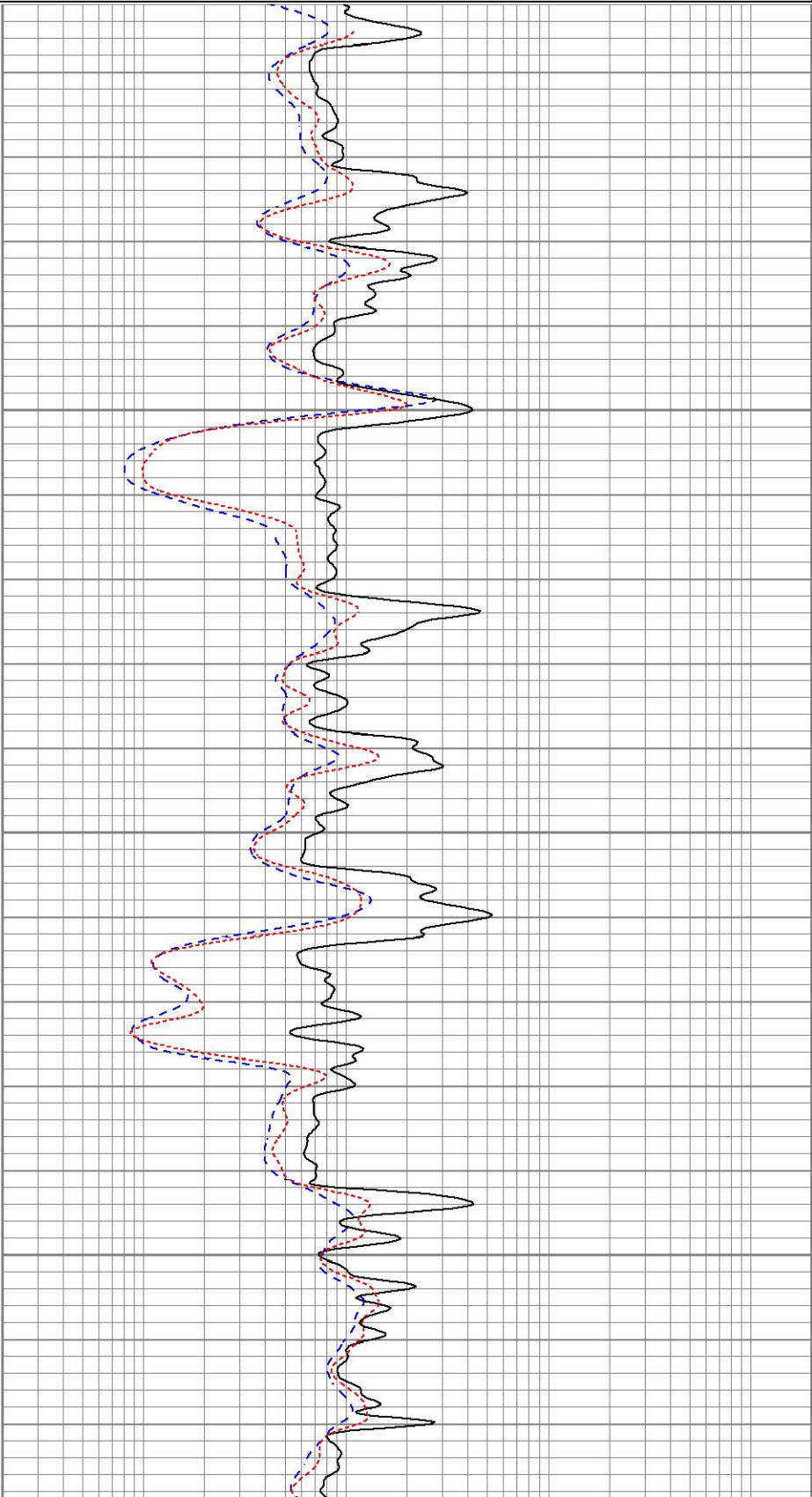
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000

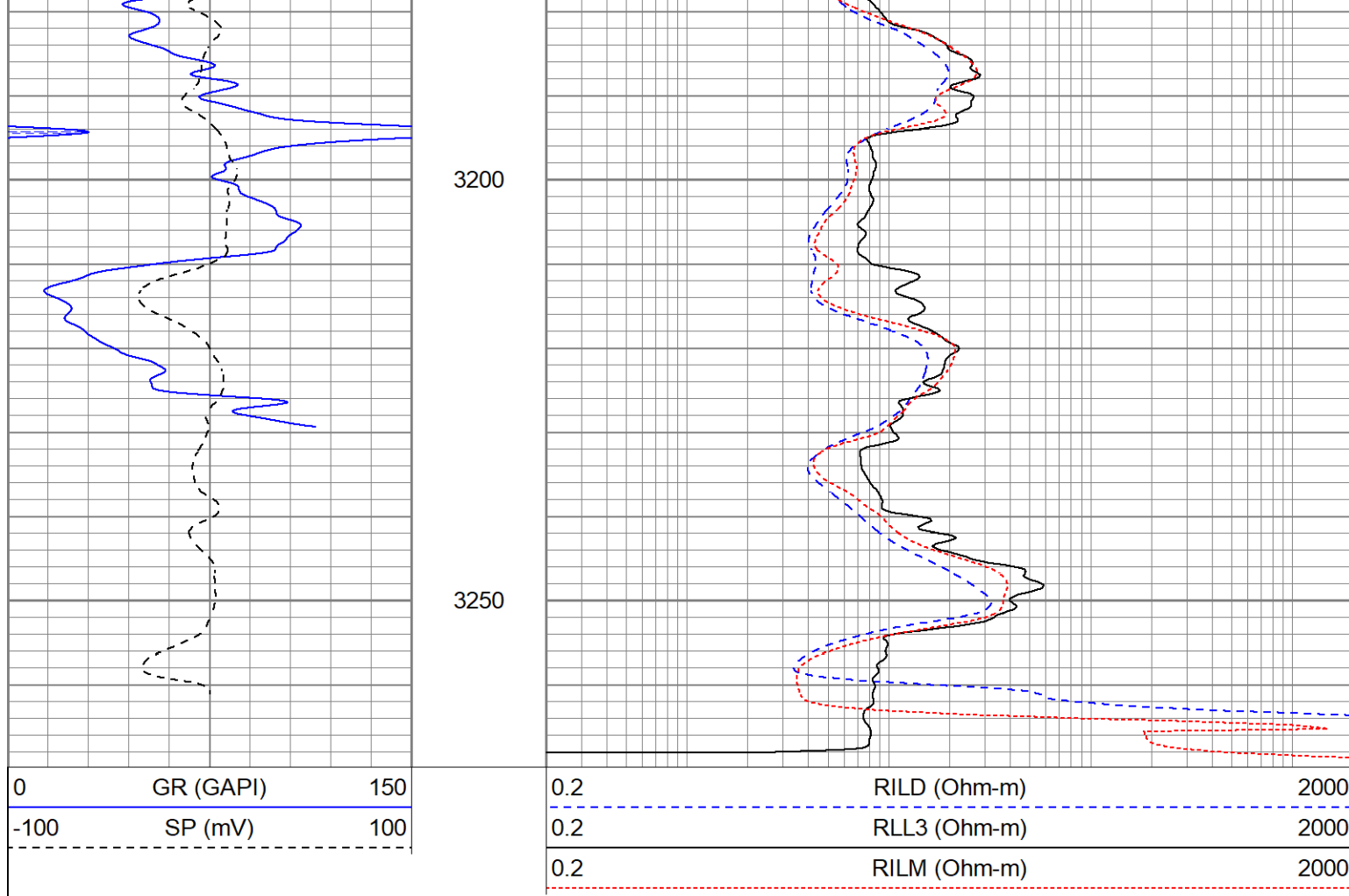


3050

3100

3150





Calibration Report									
Database File	semueller#1-6-atu-353xoh.db								
Dataset Pathname	pass2.1								
Dataset Creation	Sun Sep 04 04:18:20 2022								
Dual Induction Calibration Report									
Serial-Model:		1842-ADM							
Surface Cal Performed:		Mon Sep 20 22:00:42 2021							
Downhole Cal Performed:		Mon Sep 20 22:00:24 2021							
After Survey Verification Performed:		Mon Sep 20 22:05:52 2021							
Surface Calibration									
Readings				References			Results		
Loop:	Air	Loop		Air	Loop		m	b	
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.475	-9.896	
Medium	0.003	0.769	V	0.000	400.000	mmho/m	522.607	-1.745	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.240	-9.549	
Medium	0.003	0.768	V	0.000	550.000	mmho/m	718.637	-2.088	
Downhole Calibration									
Readings				References			Results		
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	-0.219	349.905	mmho/m	-0.343	349.810	mmho/m	1.000	-3.124	

Medium	-0.118	399.722	mmho/m	-0.226	399.745	mmho/m	1.000	-3.108
Shallow	2.536	0.025	V	500.000	2.000	Ohm-m	150.330	-7.504
After Survey Verification								
Readings			Targets			Results		
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.219	349.905	mmho/m	1.000	-3.124
Medium	0.000	0.000	mmho/m	-0.118	399.722	mmho/m	1.000	-3.108
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000
Admyr Lithodensity Calibration Report								
Serial-Model:				1C-C				
Source:				Blue2				
Master Calibration Performed:				Tue Aug 30 10:20:37 2022				
Master Calibration								
Density			Far Detector		Near Detector			
Magnesium	1.670	g/cc	6362.49		3546.71	cps		
Aluminium	2.640	g/cc	1733.54		2362.69	cps		
Aluminium+Sleeve	2.617	g/cc	1657.01		2197.69	cps		
Spine Angle = 72.65			Density/Spine Ratio = 0.712					
PE			NLITH		NHARD			
Magnesium	1.900	barn	5031.16		2670.10	cps		
Aluminium	2.400	barn	925.14		1260.20	cps		
Aluminium+Sleeve	5.000	barn	816.33		1216.63	cps		
M = 0.191			B = 0.171		R = 0.787			
Size			Reading					
Small Ring	8.00	in	8.61		V			
Large Ring	14.30	in	12.40		V			
Neutron Calibration Report								
Serial Number:			AD5139					
Tool Model:			ADMY5139					
Performed:			(Not Performed)					
Calibrator Value:			1	NAPI				
Calibrator Reading:			1	cps				
Sensitivity:			1	NAPI/cps				
Temperature Calibration Report								
Serial Number:			WithMC					
Tool Model:			WMC					
Performed:			Fri Apr 19 12:15:04 2019					
			Reference		Reading			
Low Reference:			0.00	degF	0.00	degF		
High Reference:			1.00	degF	1.00	degF		
Gain:			1.00					
Offset:			0.00					
Delta Spacing:			1					

Inclinometer Calibration Report

Performed:	Wed May 5 19:20:48 2021				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Gamma Ray Calibration Report

Serial Number:	WithMC	
Tool Model:	WMC	
Performed:	Wed Jun 15 11:53:49 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.1000	GAPI/cps