



**DUAL  
INDUCTION  
LOG**

Company	BlueRidge Petroleum Corporation	Company	BlueRidge Petroleum Corporation
Well	Legleiter #1-10	Well	Legleiter #1-10
Field	Unnamed	Field	Unnamed
County	Rush	County	Rush
State	Kansas	State	Kansas
Location:	API #: 15 165 22182	Other Services	ML CDNL
Permanent Datum	SEC 10 TWP 16S RGE 18W	Elevation	
Log Measured From	Ground Level	Elevation	1942'
Drilling Measured From	KB 8' AGL	Elevation	K.B. 1950' D.F. 1949' G.L. 1942'

Date	01/22/23
Run Number	One
Depth Driller	3610'
Depth Logger	3609'
Bottom Logged Interval	3607'
Top Log Interval	Surface
Casing Driller	8 5/8" @ 1097'
Casing Logger	1097'
Bit Size	7 7/8"
Type Fluid in Hole	Chemical
Density / Viscosity	9.1/57
pH / Fluid Loss	10.5/7.2
Source of Sample	Pit
Rm @ Meas. Temp	1.1 @ 60degf
Rmf @ Meas. Temp	.9 @ 60degf
Rmc @ Meas. Temp	1.4 @ 60degf
Source of Rmf / Rmc	Calculated
Rm @ BHT	.65 @ 97degf
Time Circulation Stopped	1:45 AM
Time Logger on Bottom	5:00 AM
Maximum Recorded Temperature	97degf
Equipment Number	T-605
Location	Hays, KS.
Recorded By	C. Patterson
Witnessed By	Jeff Lawler

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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**

Liebenthal,KS Hwy 183 AVE D/4th St in Liebenthal,KS East 1 1/2 mi. to CR RD 260 th,  
Then North 1 mi., West into Location

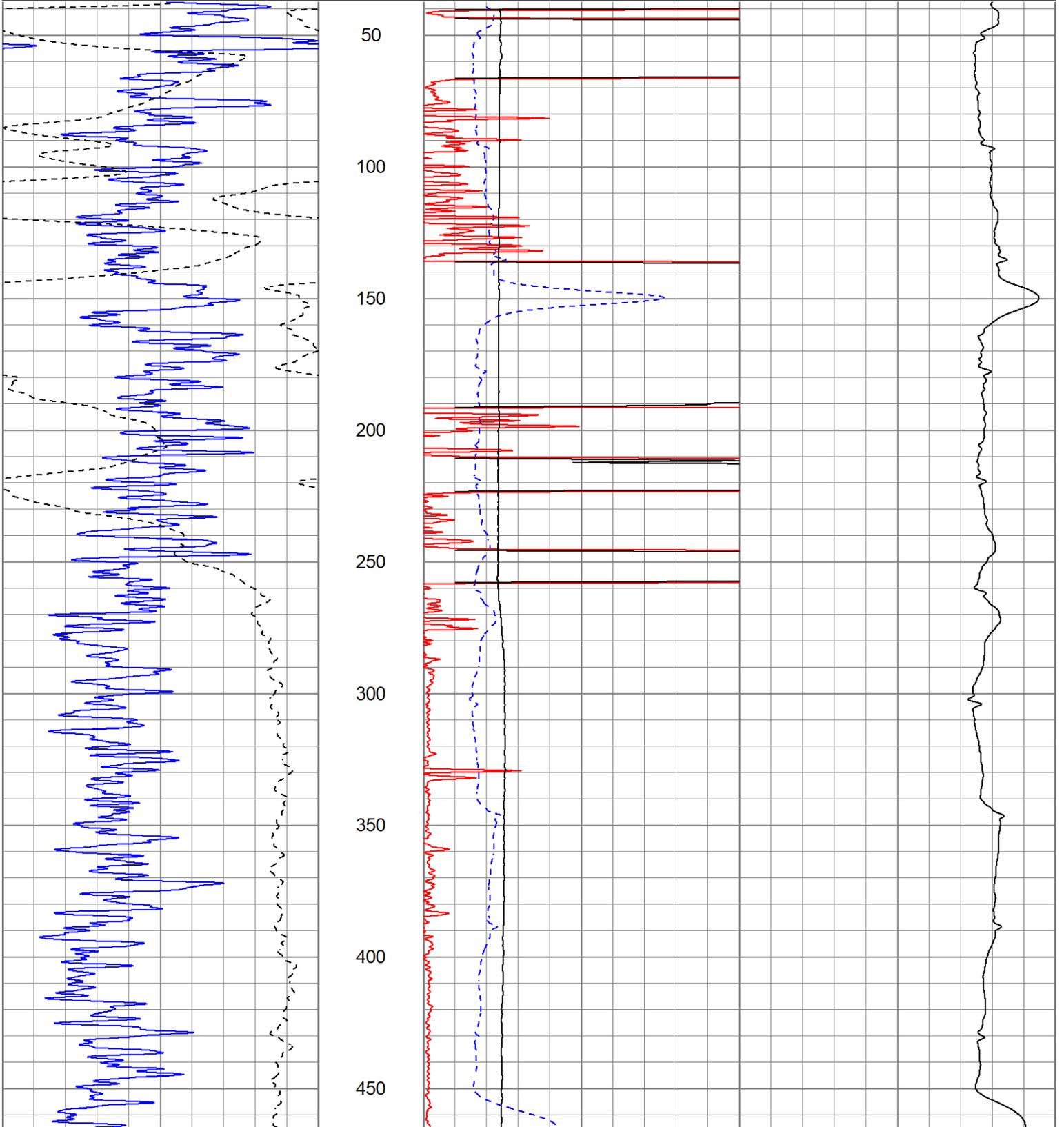
Thanks for using Gemini Wireline LLC  
785-625-1182

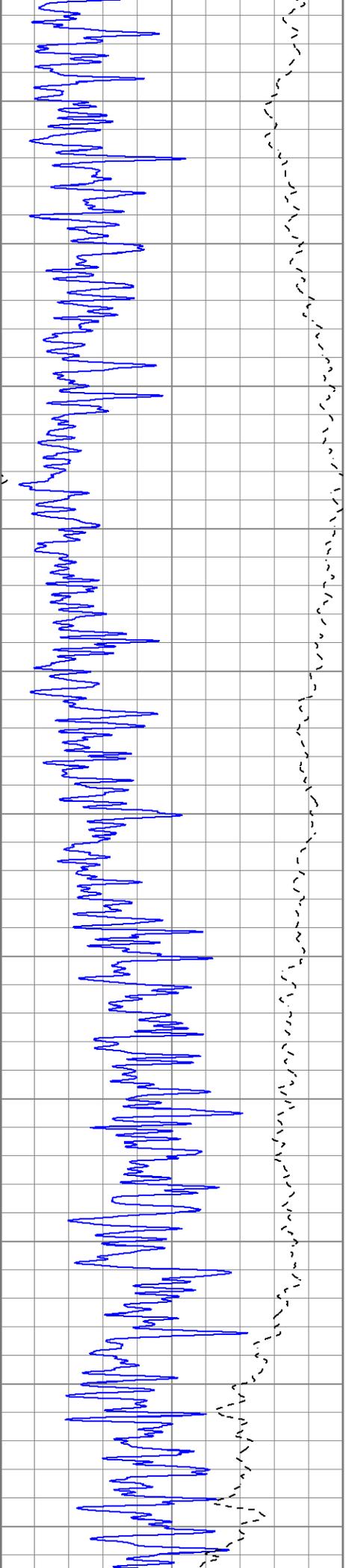


**MAIN PASS**

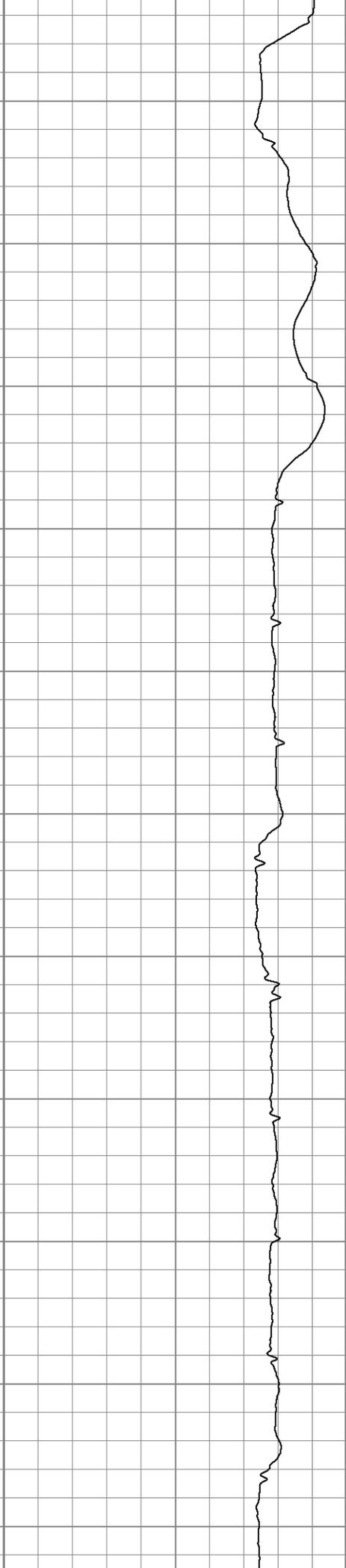
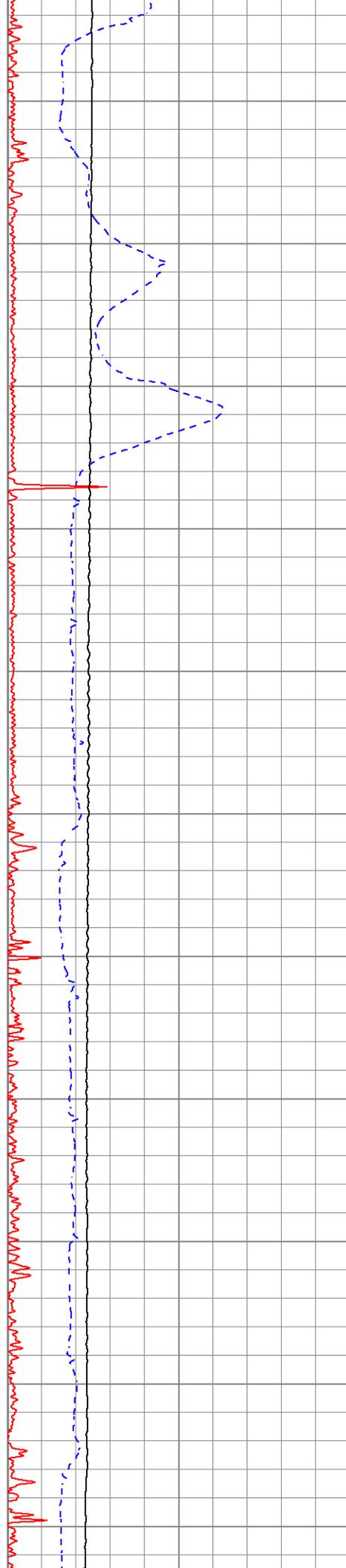
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 Presentation Format kdillinn  
 Dataset Creation Sun Jan 22 06:18:42 2023  
 Charted by Depth in Feet scaled 1:600

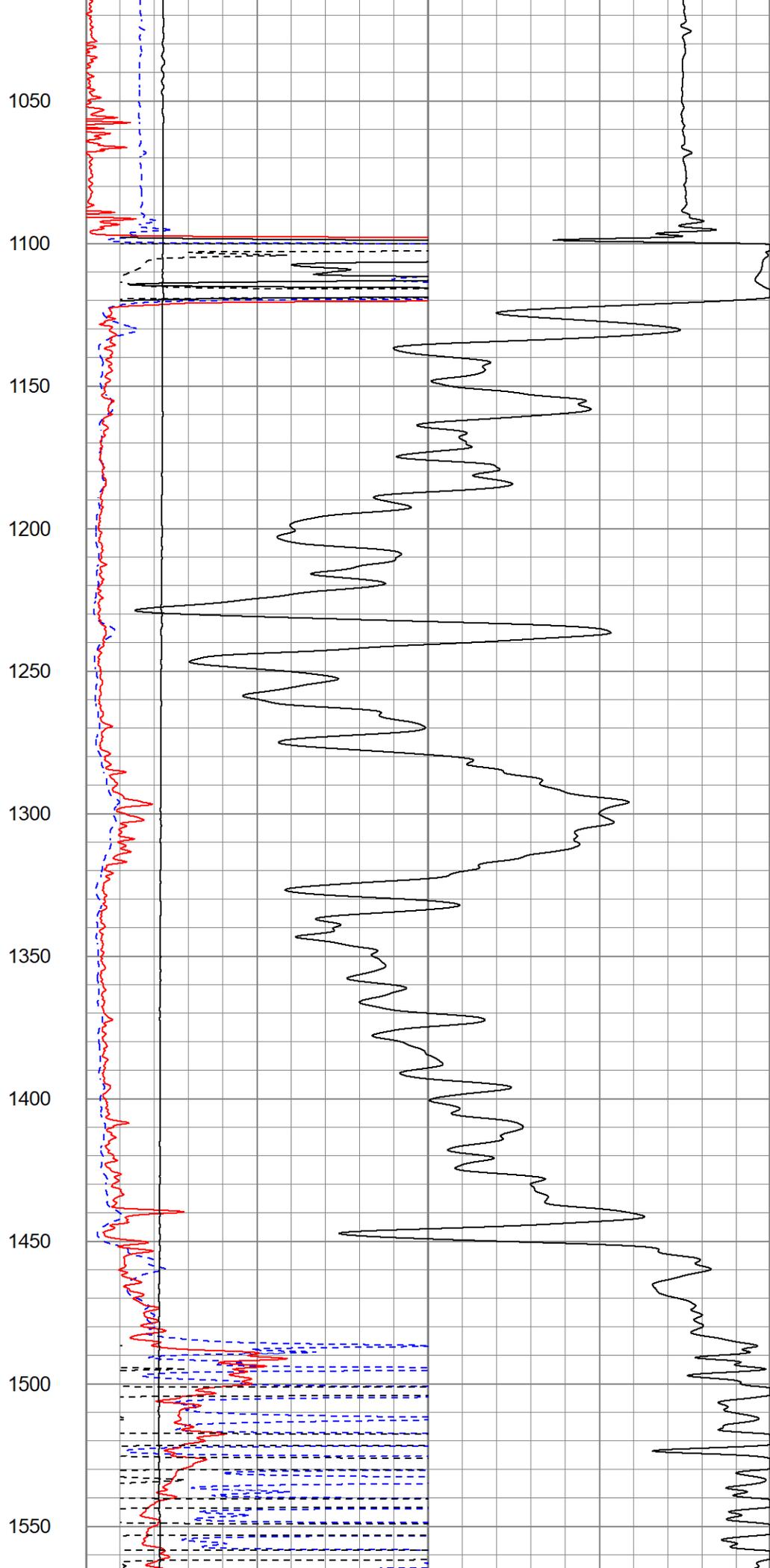
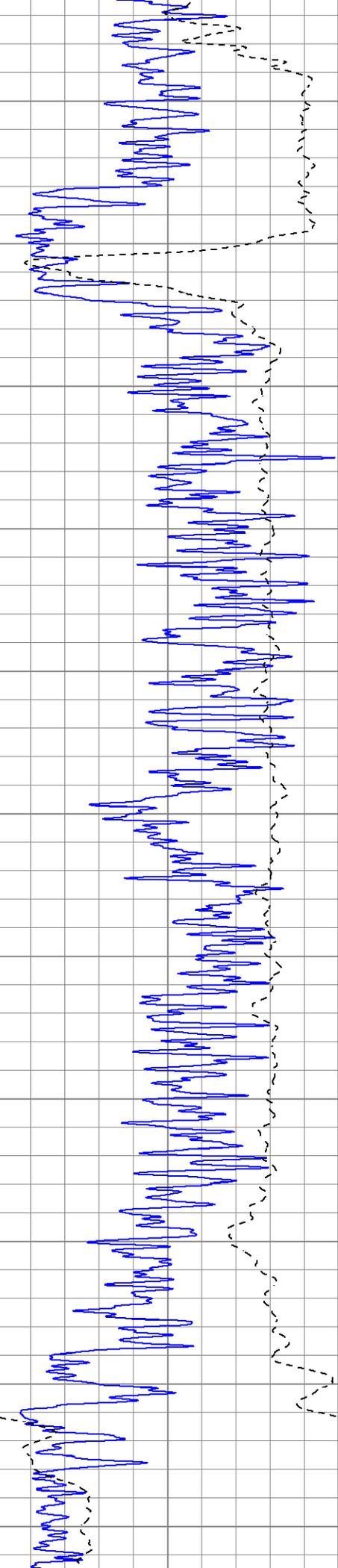
0	GR (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	10000	LTEN (lb)	0
-----			-----		
0	RILD (Ohm-m)	50			
0	RLL3 (Ohm-m)	50			
-----			-----		
50	RILD x 10 (Ohm-m)	500			
50	RLL3 x 10 (Ohm-m)	500			
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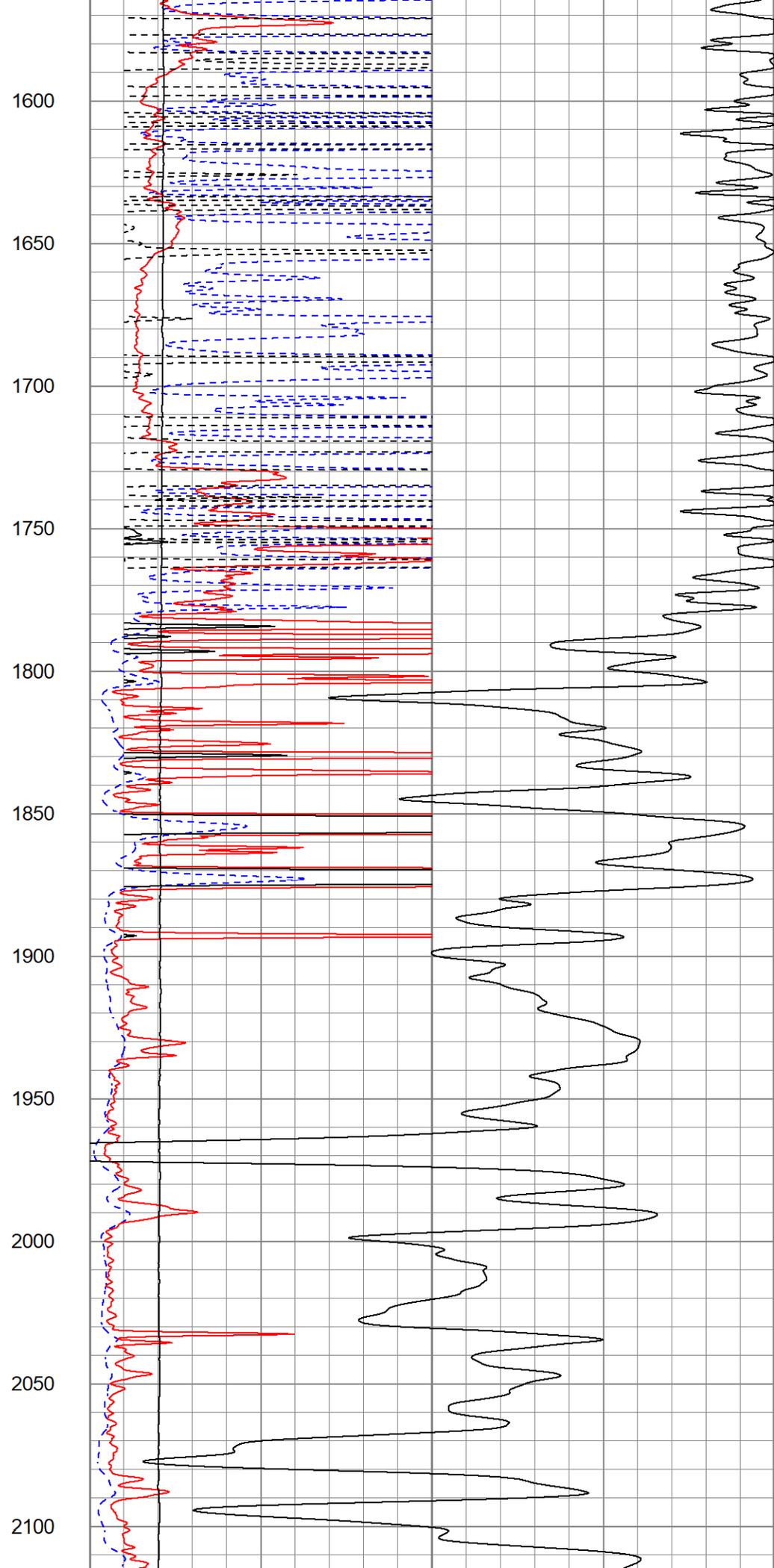
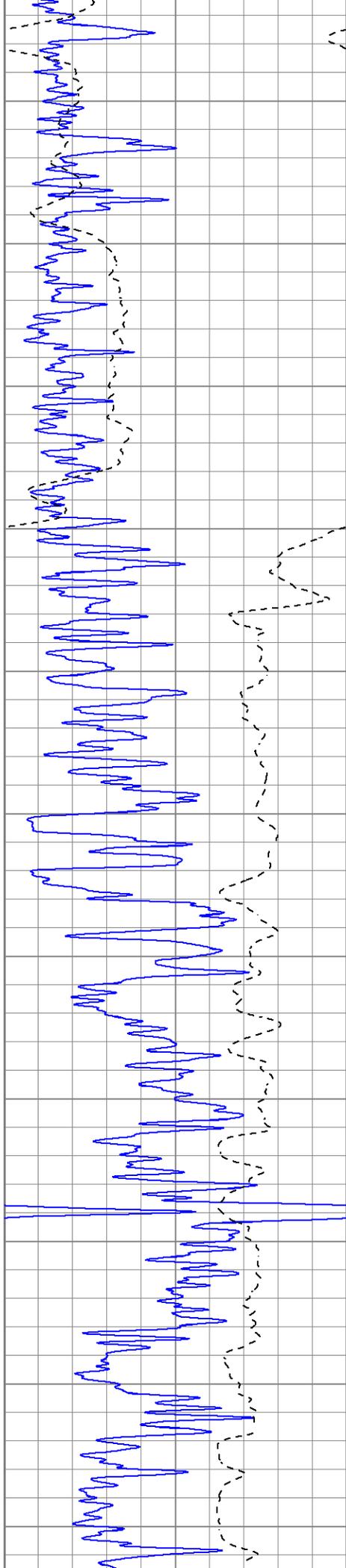


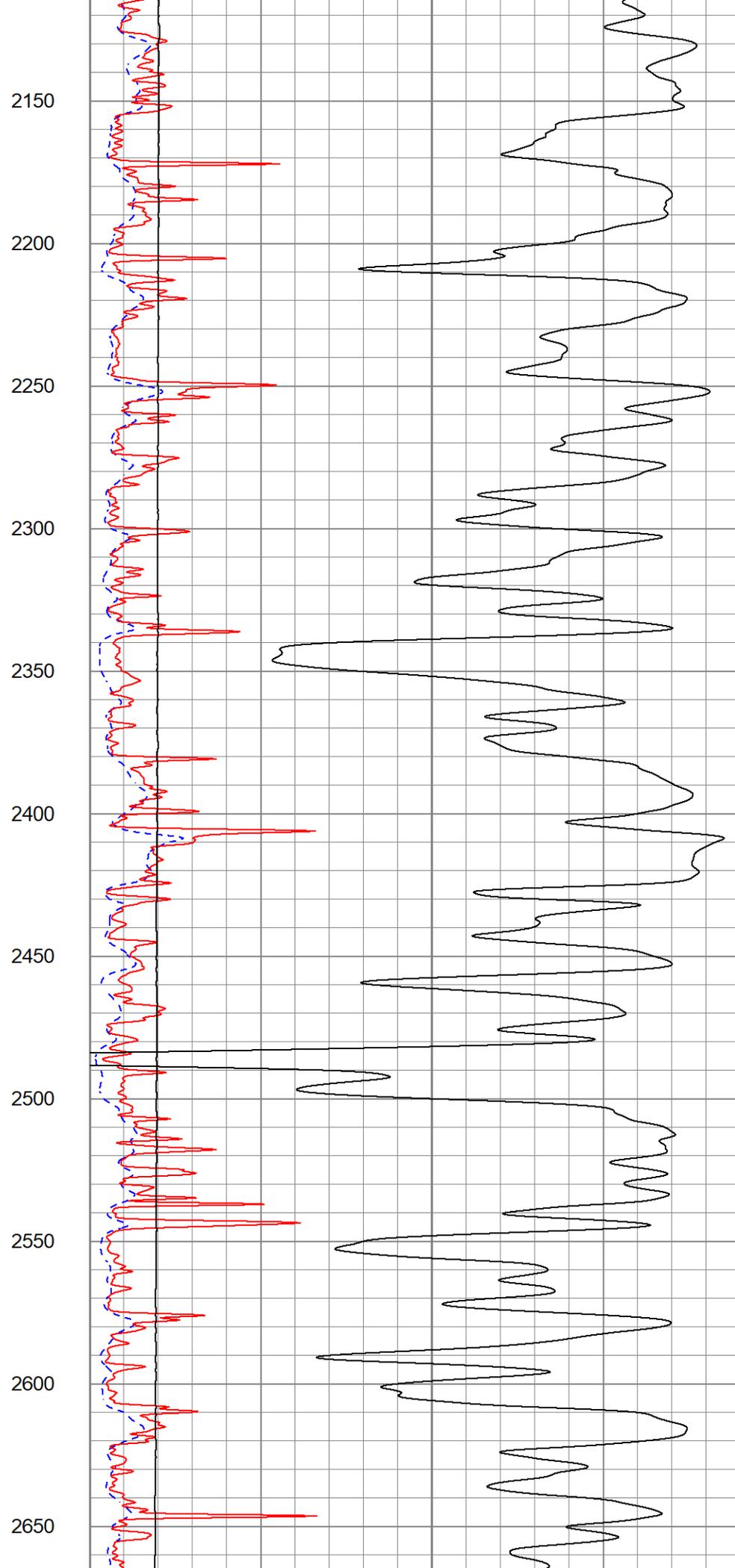
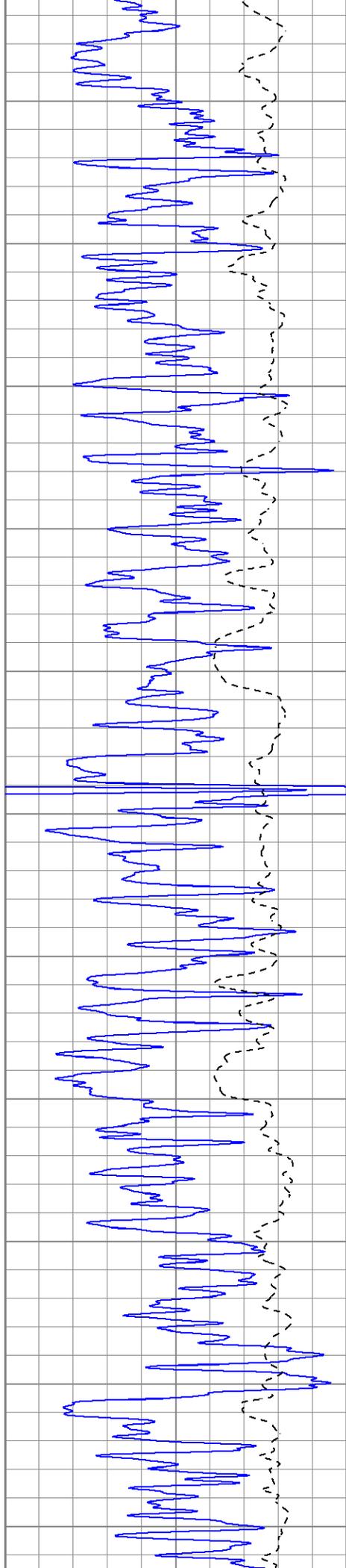


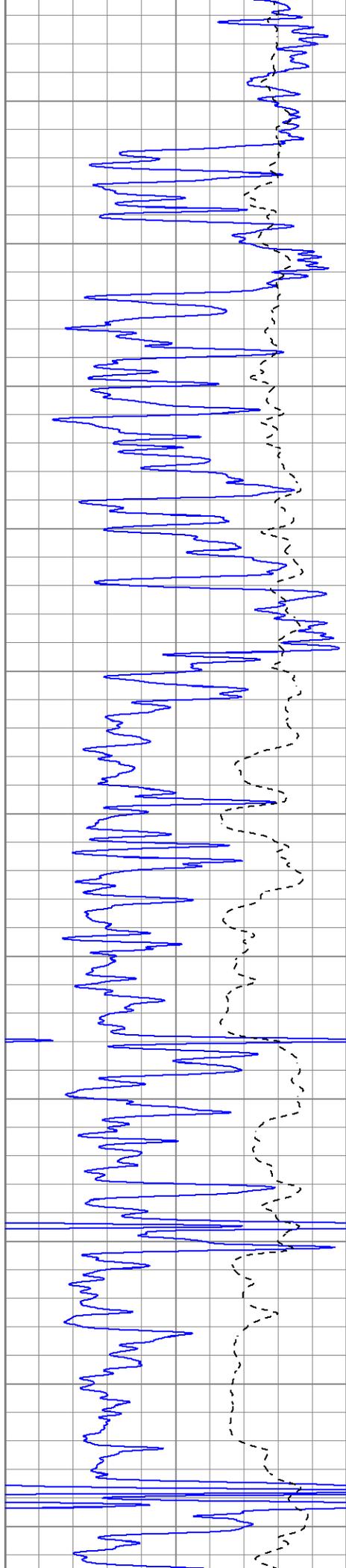
500  
550  
600  
650  
700  
750  
800  
850  
900  
950  
1000











2700

2750

2800

2850

2900

2950

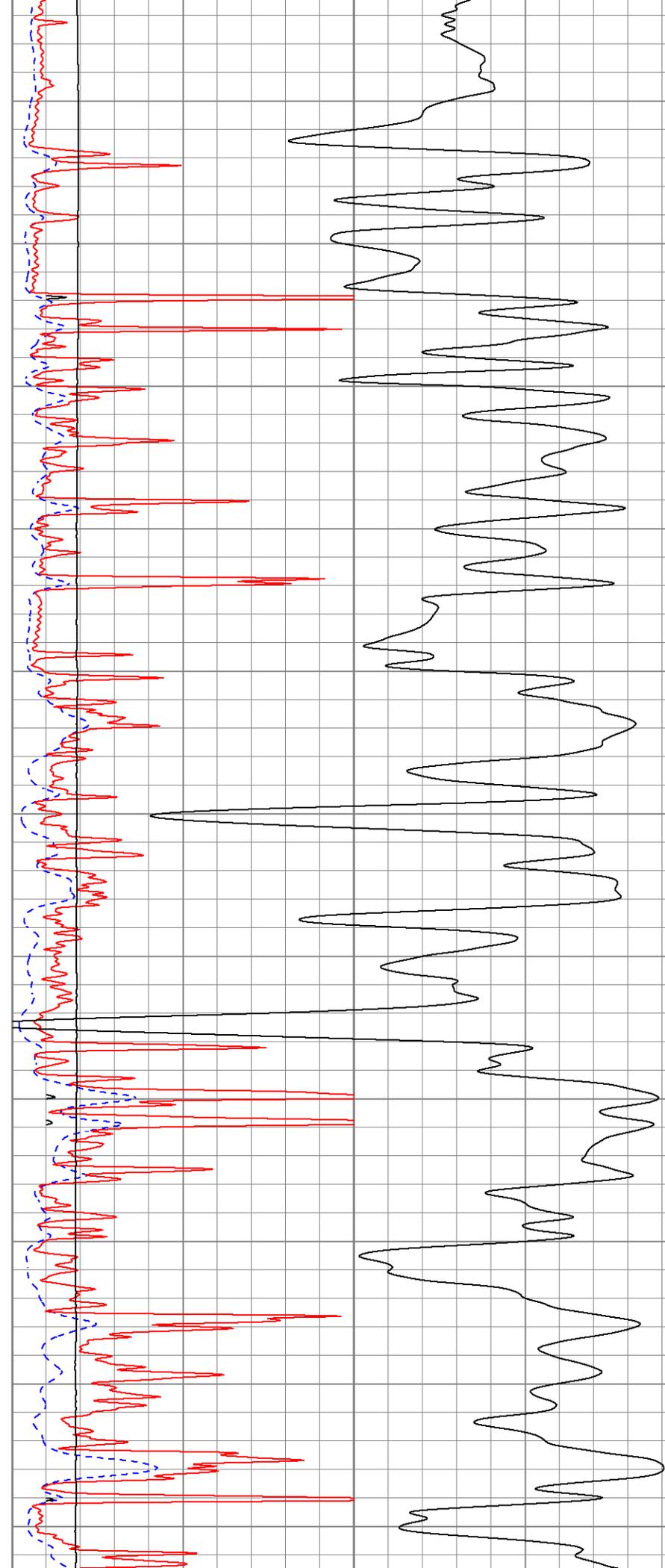
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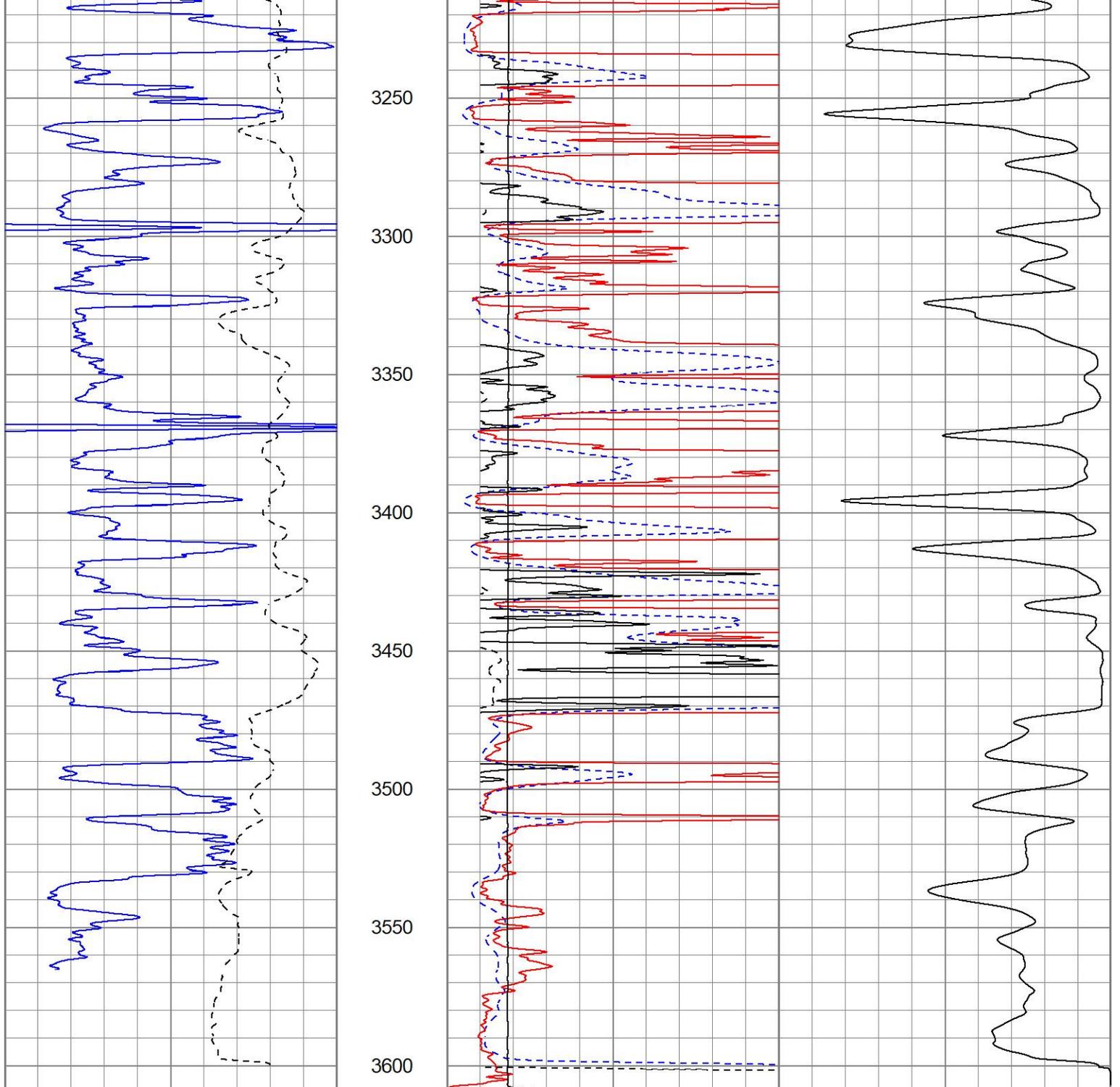
3050

3100

3150

3200





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

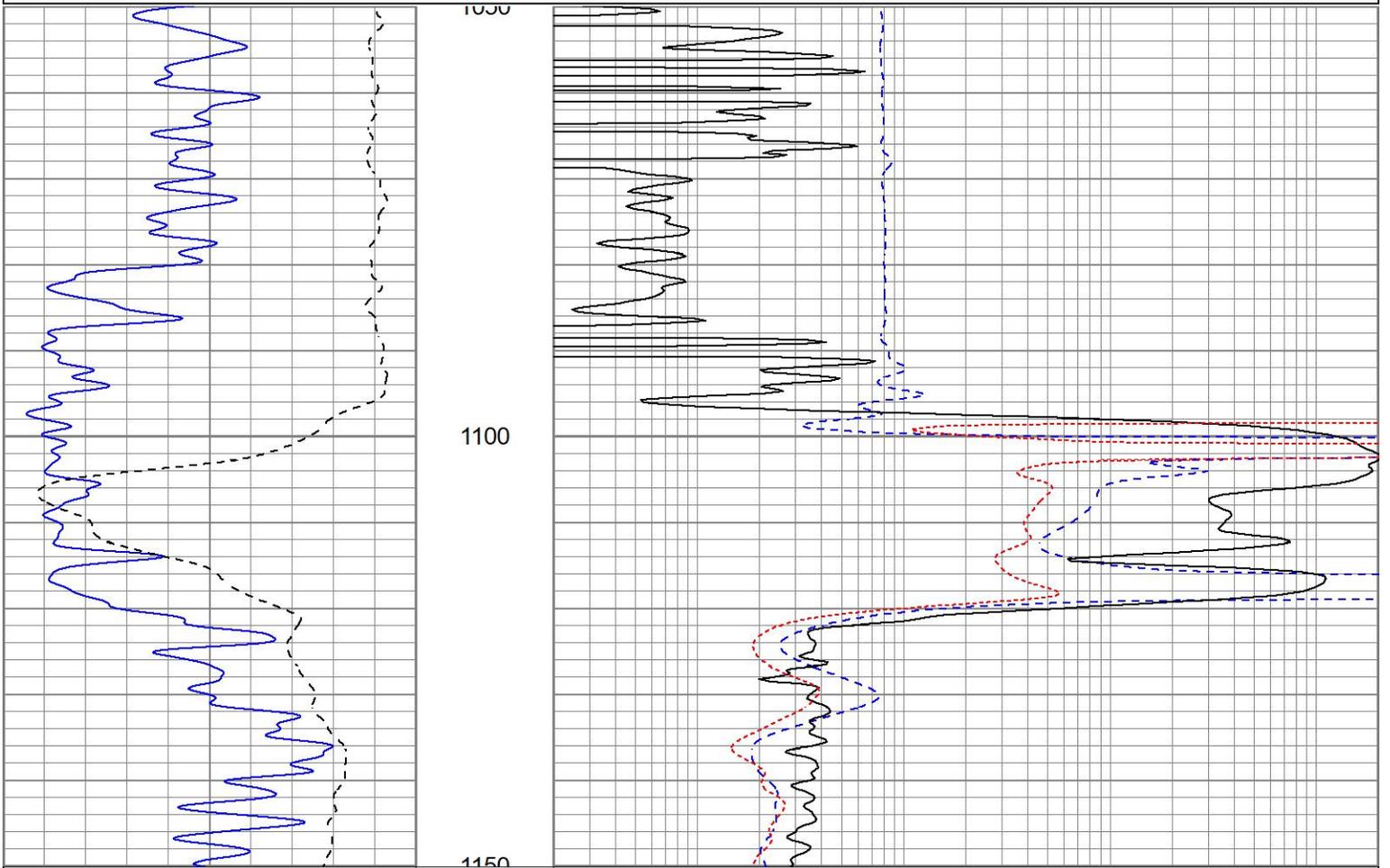
1000	CILD (mmho/m)	0
10000	LTEN (lb)	0
0	RILD (Ohm-m)	50
0	RLL3 (Ohm-m)	50
50	RILD x 10 (Ohm-m)	500
50	RLL3 x 10 (Ohm-m)	500



# MAIN PASS

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



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

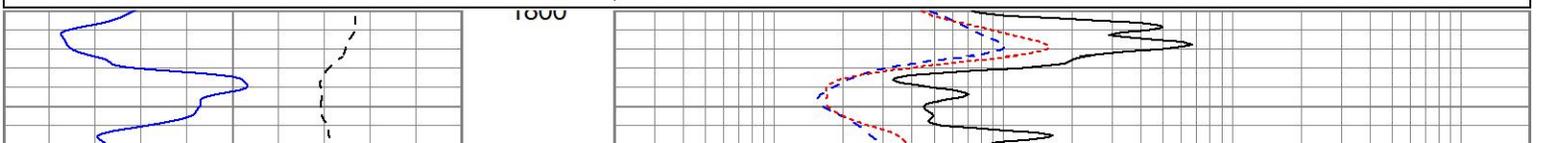
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000

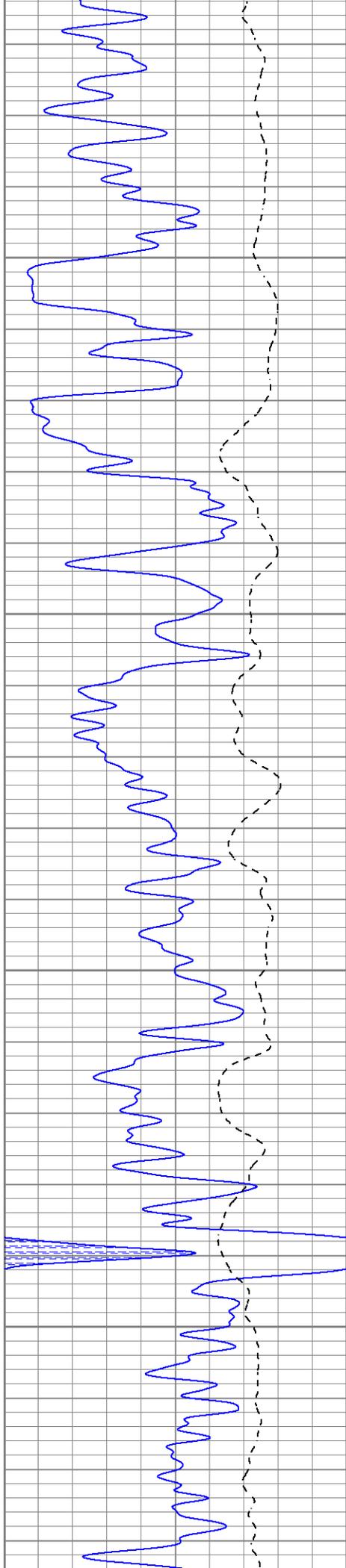


# MAIN PASS

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



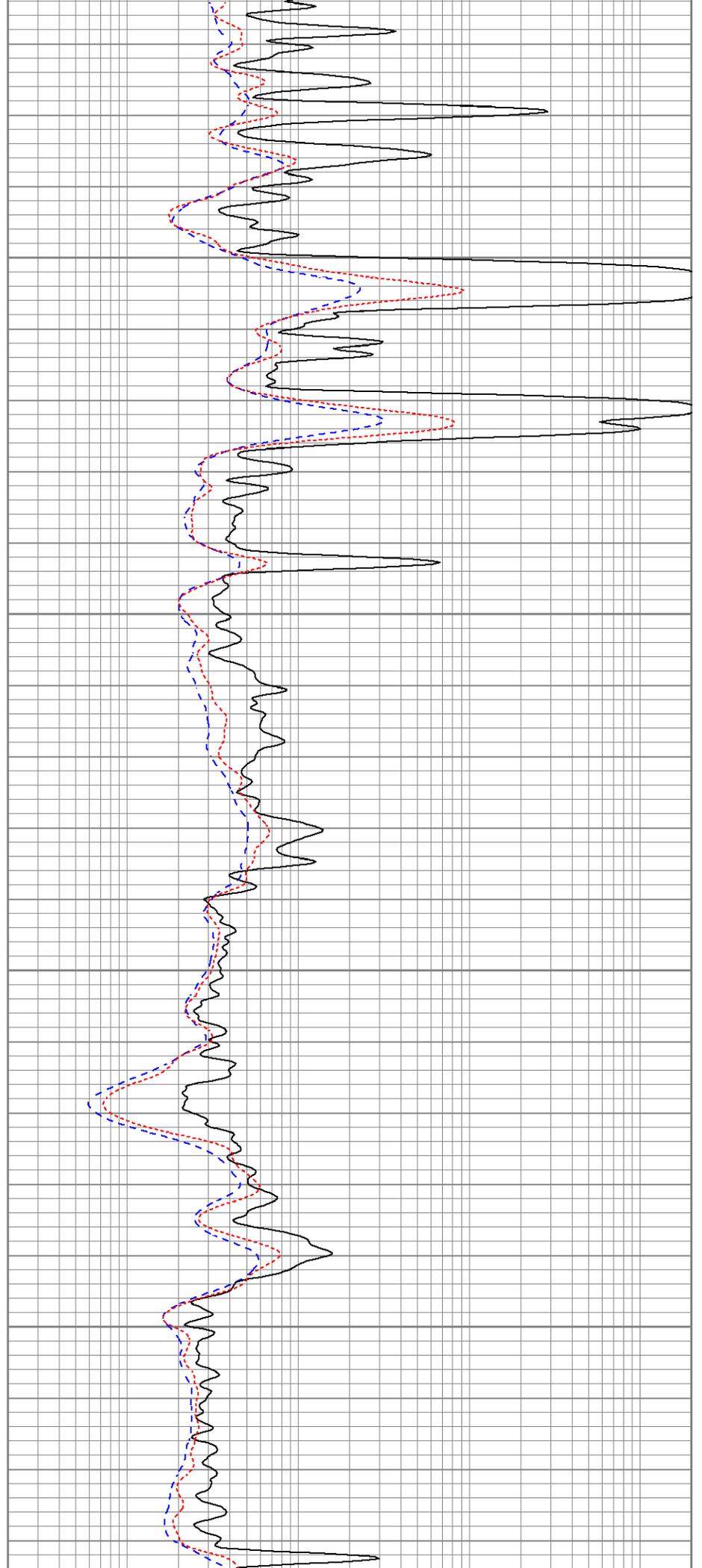


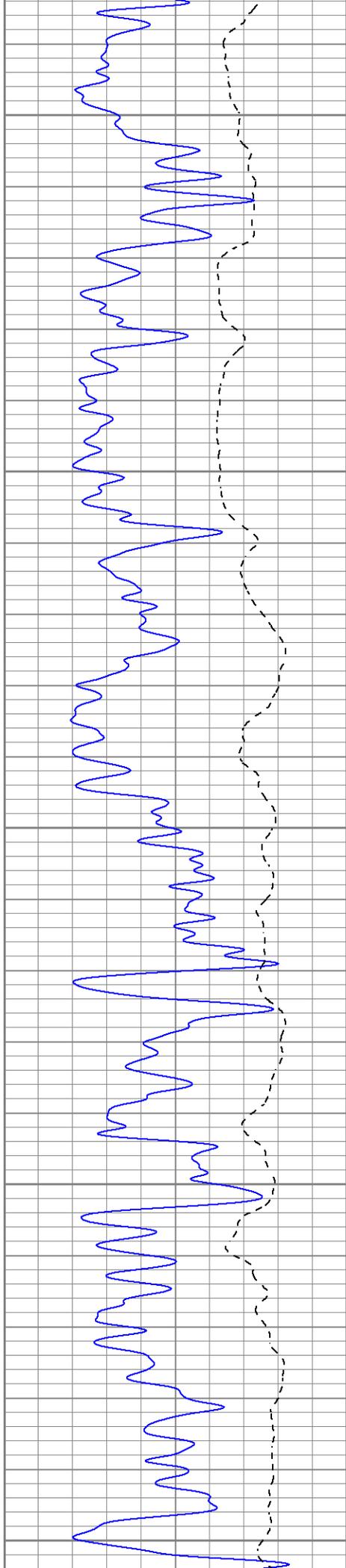
1850

1900

1950

2000





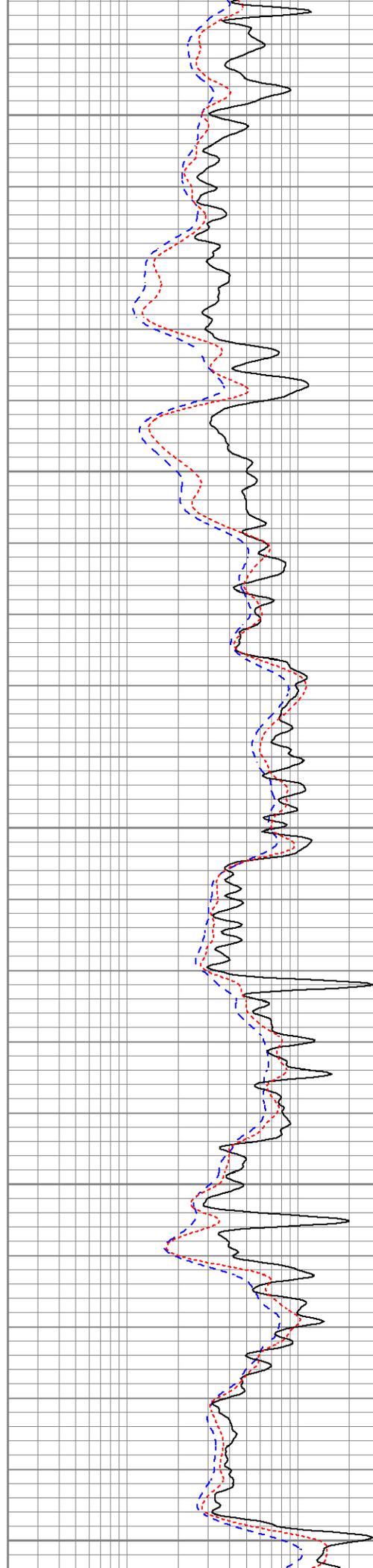
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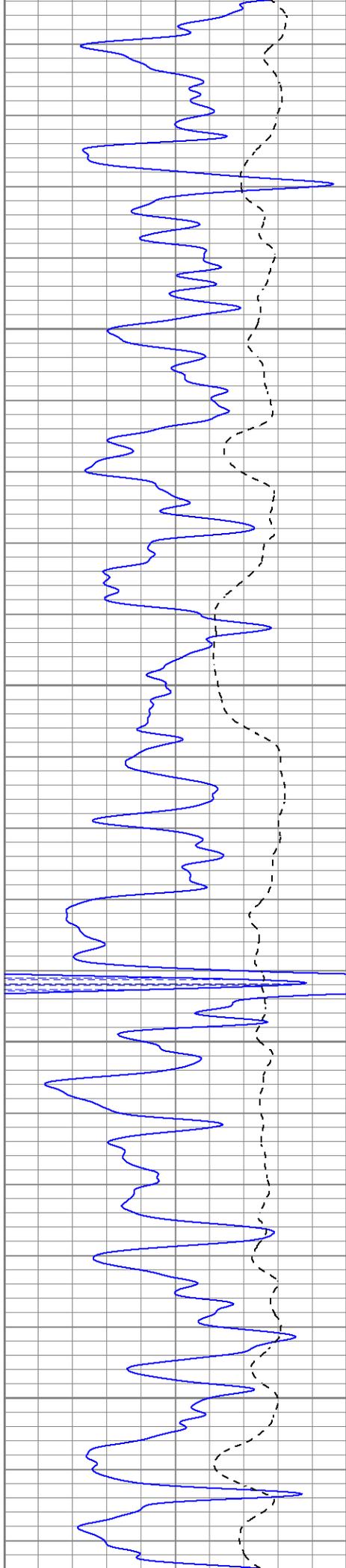
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2150

2200

2250



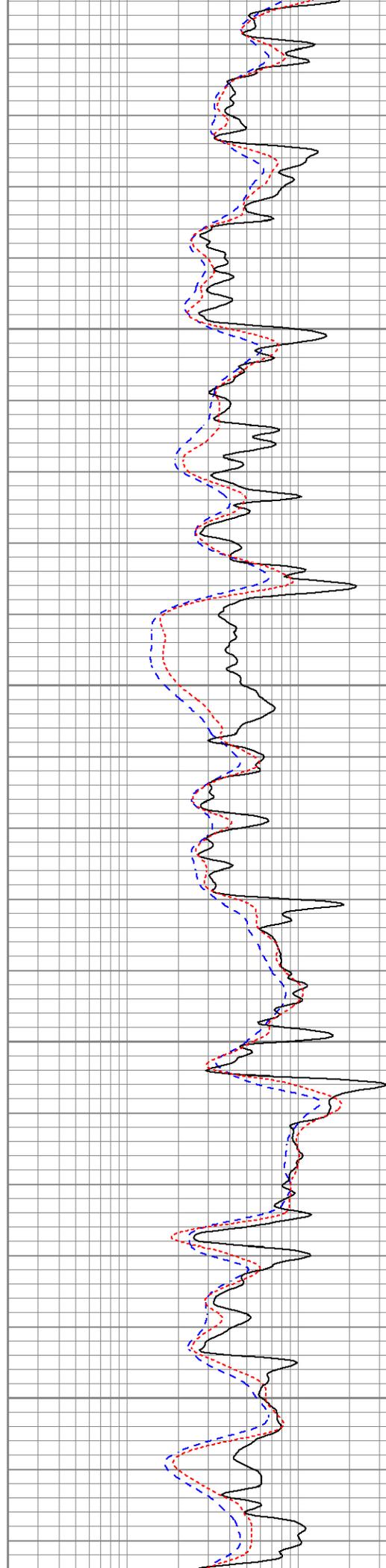


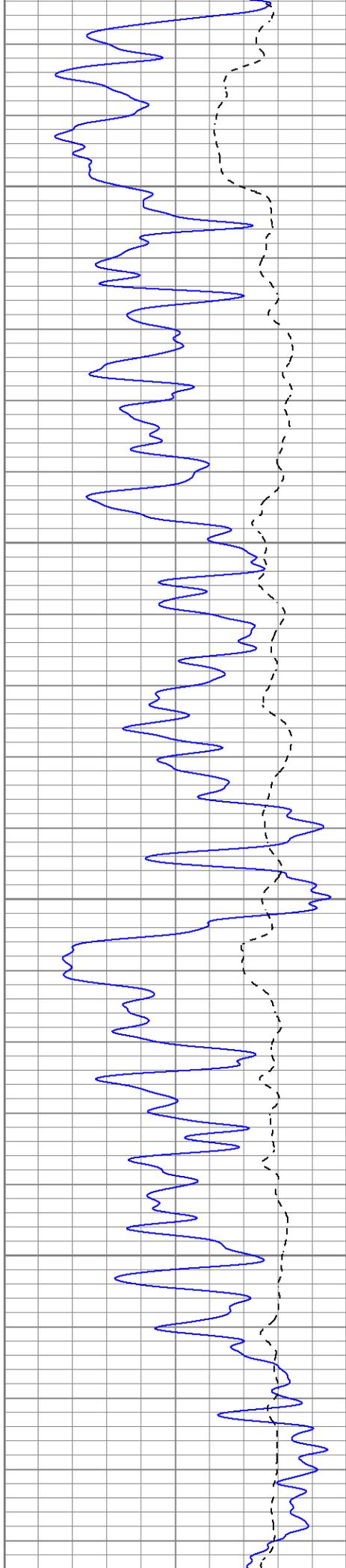
2300

2350

2400

2450



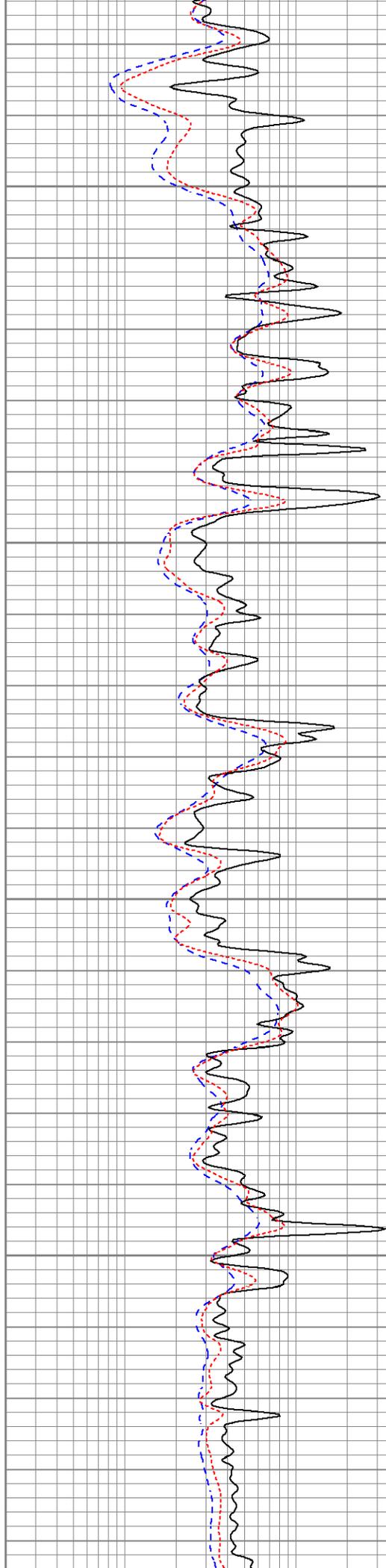


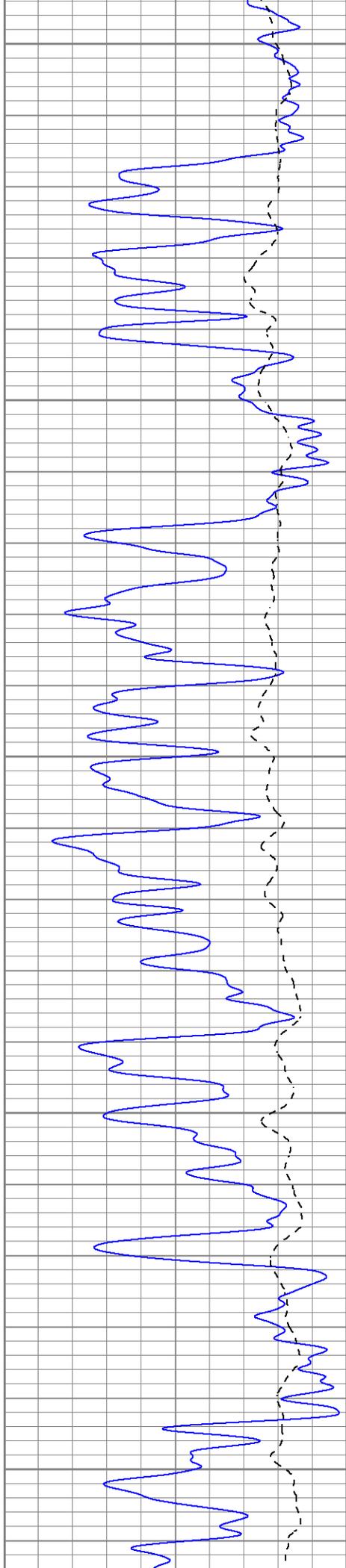
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2550

2600

2650





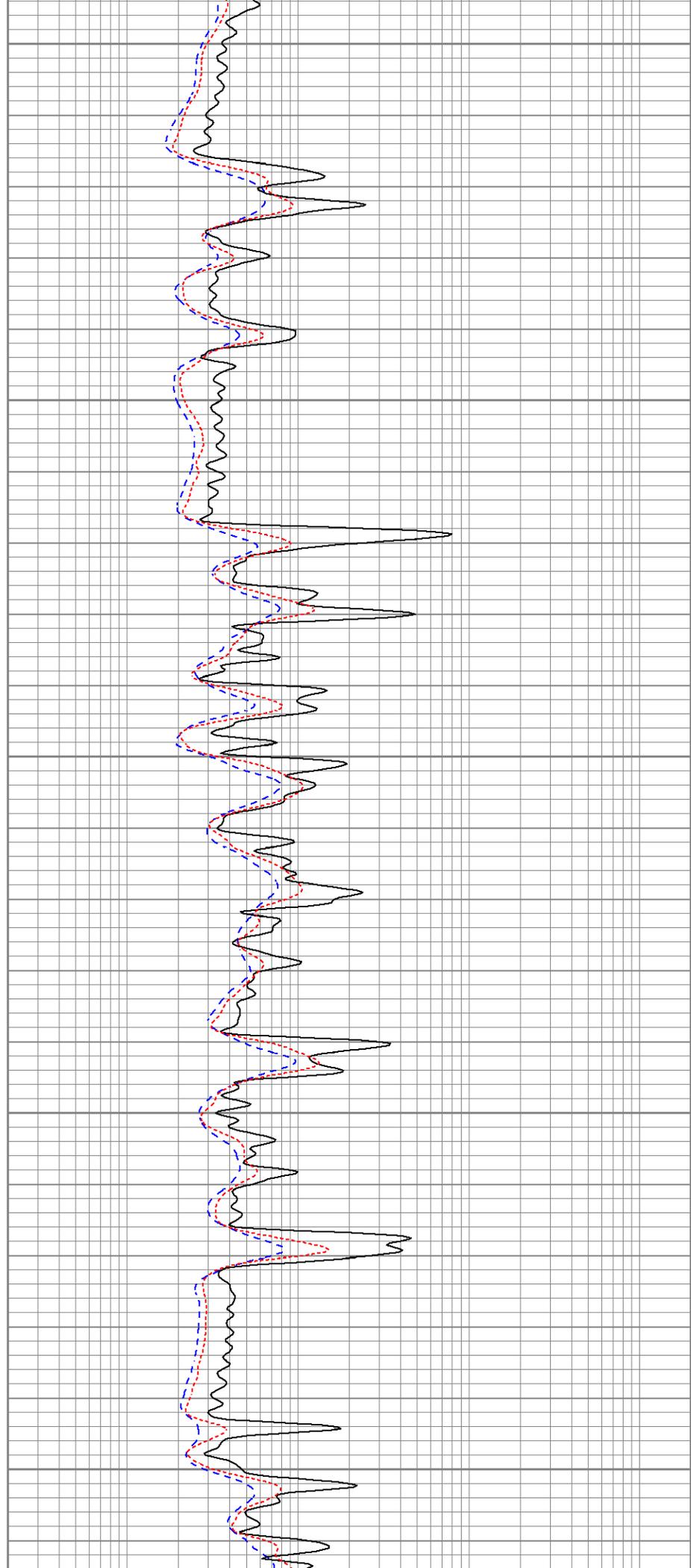
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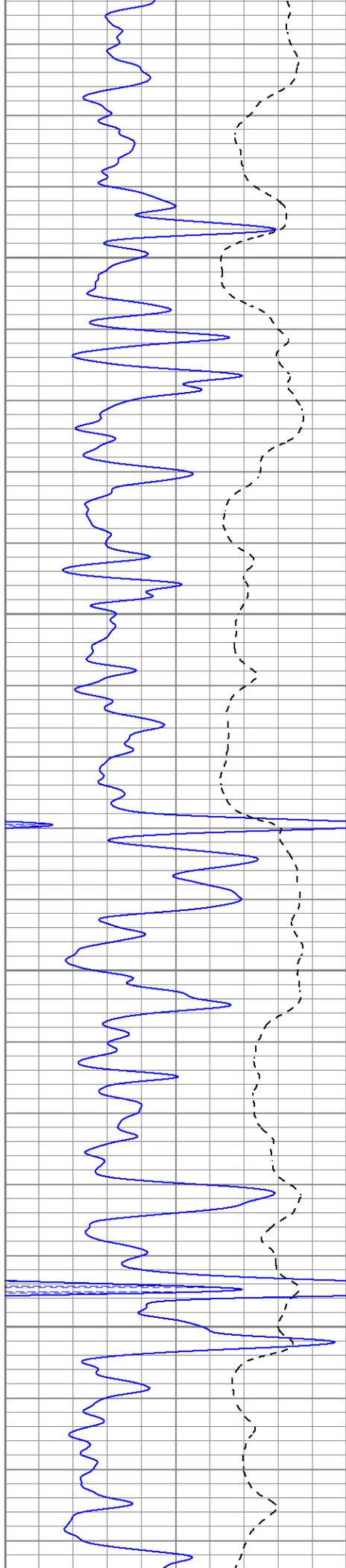
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2800

2850

2900



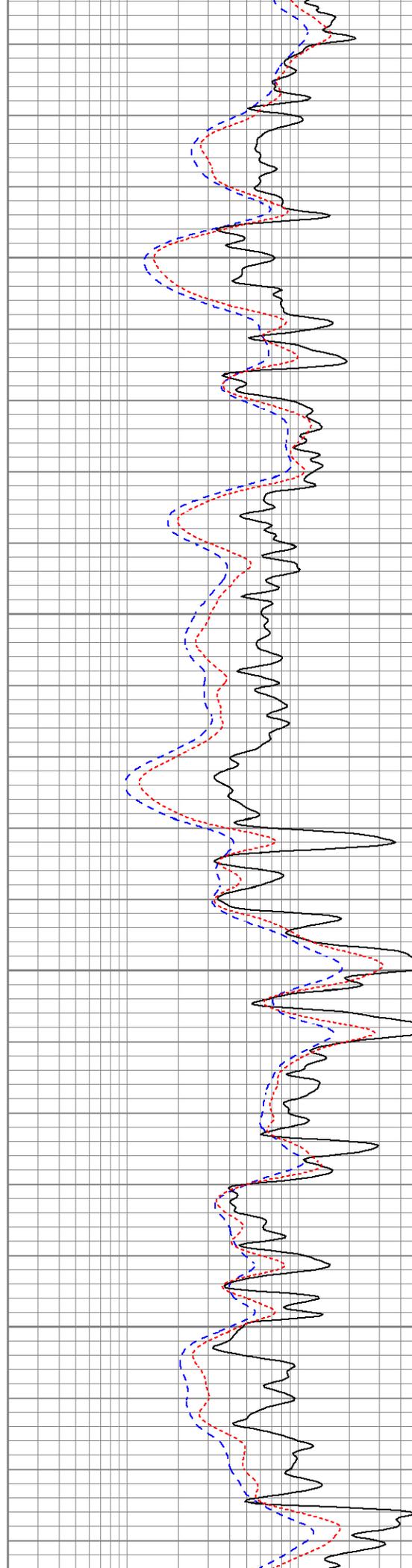


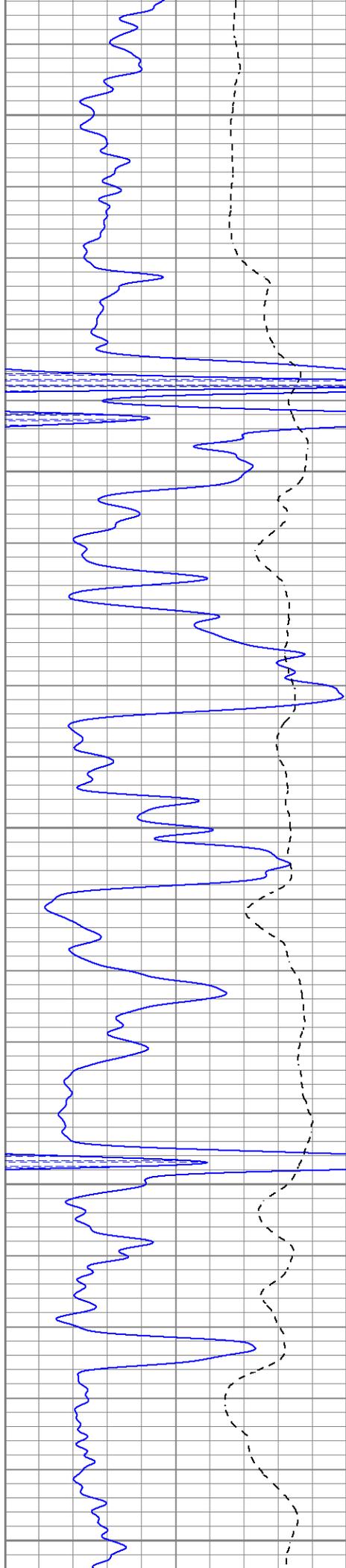
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3000

3050

3100





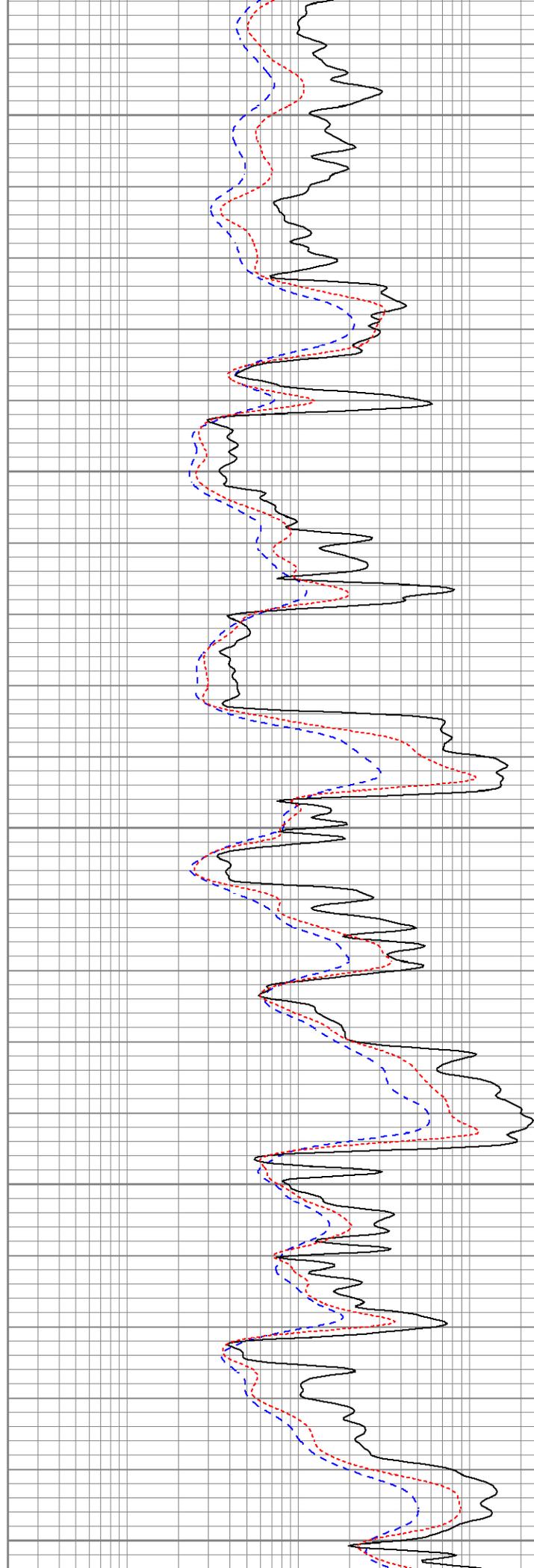
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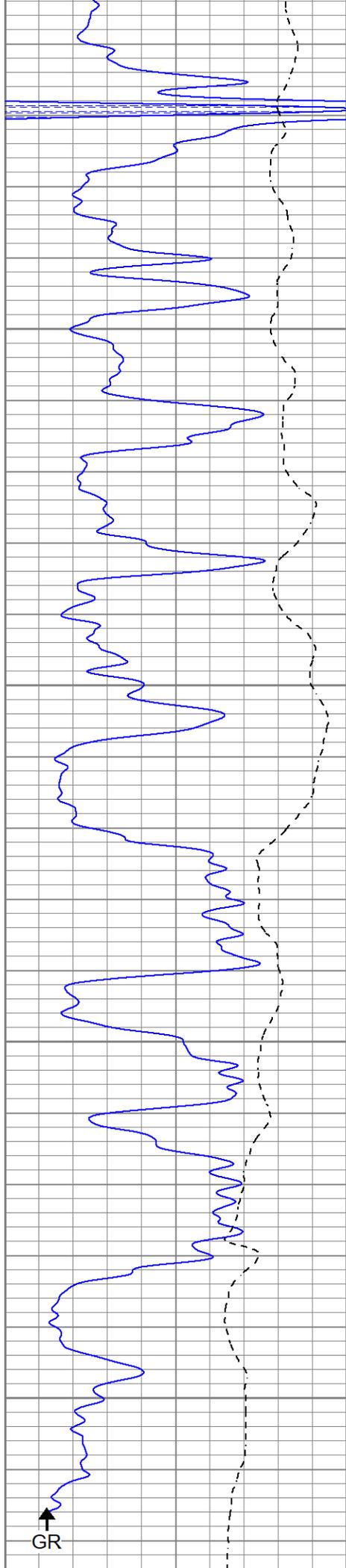
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3250

3300

3350



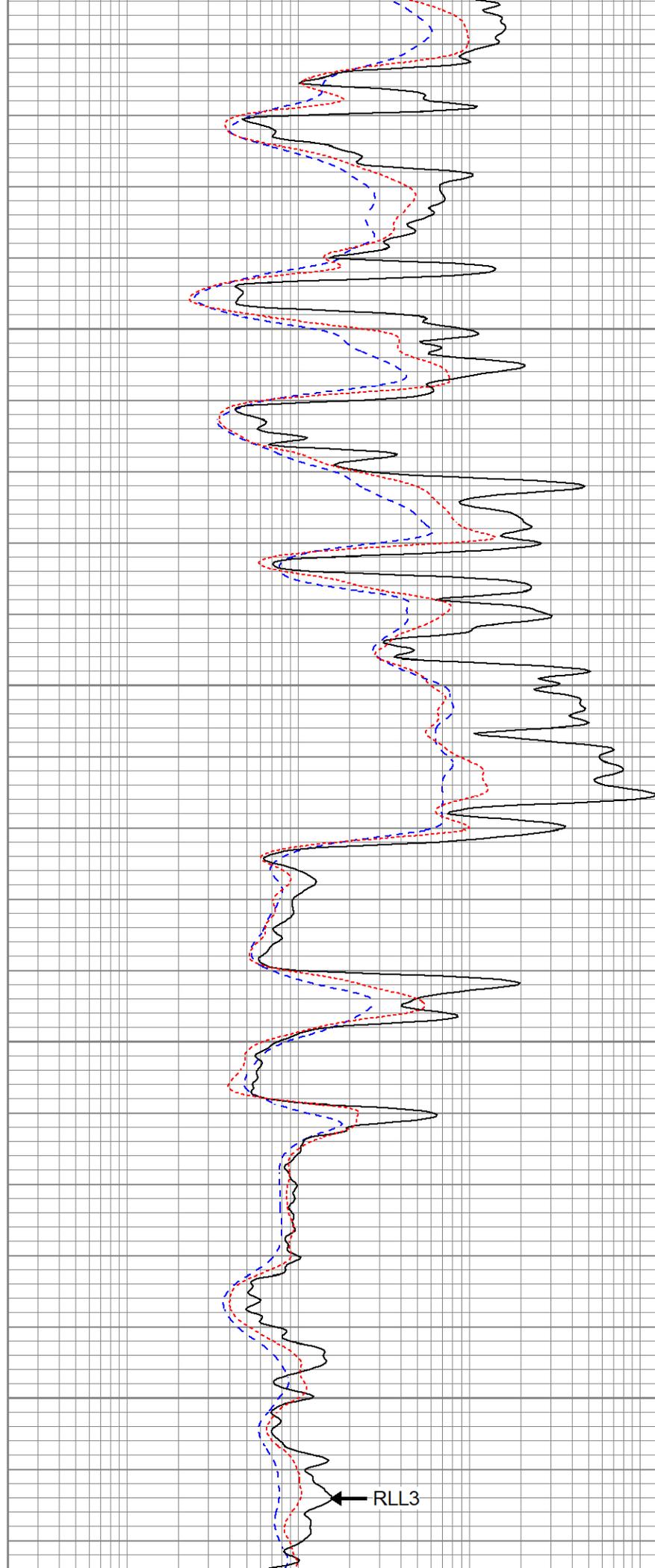


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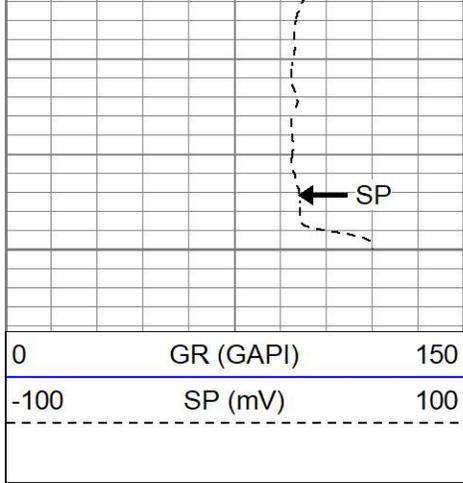
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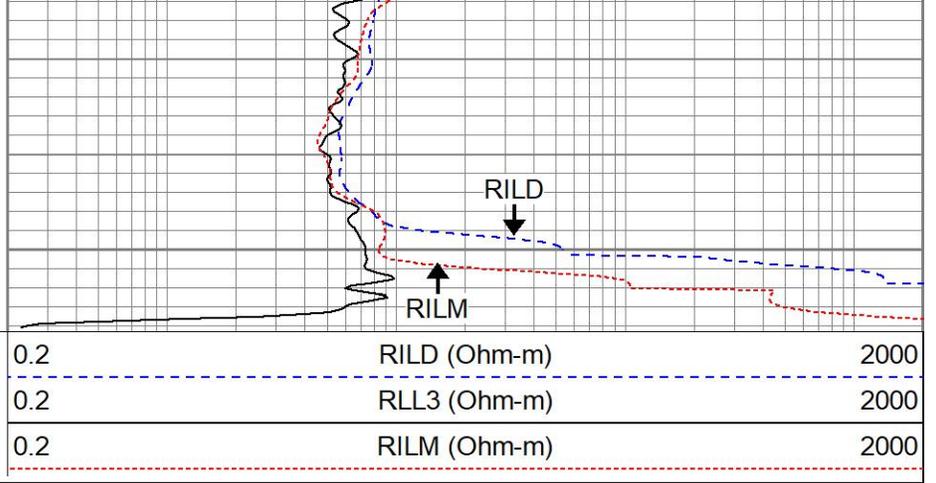
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RLL3

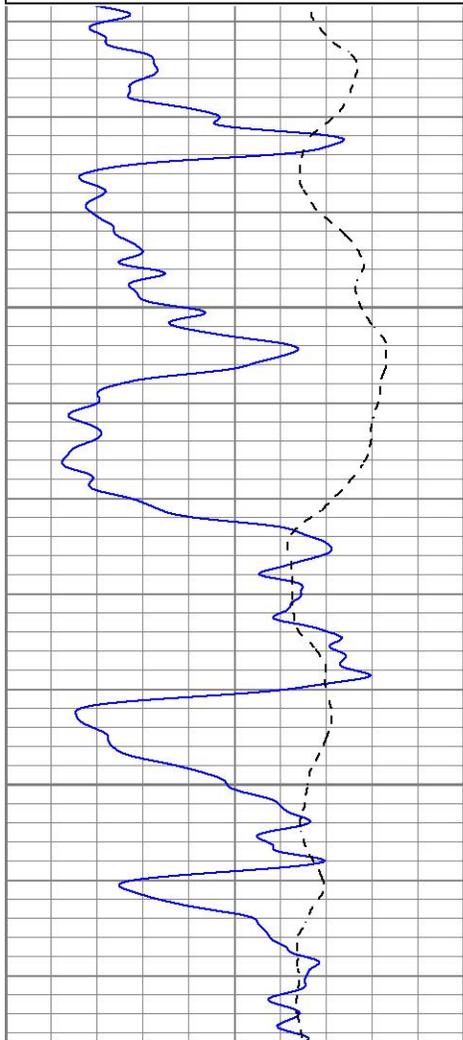
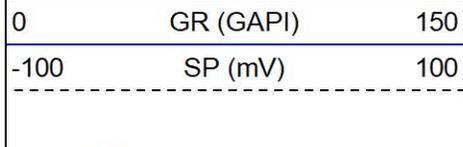


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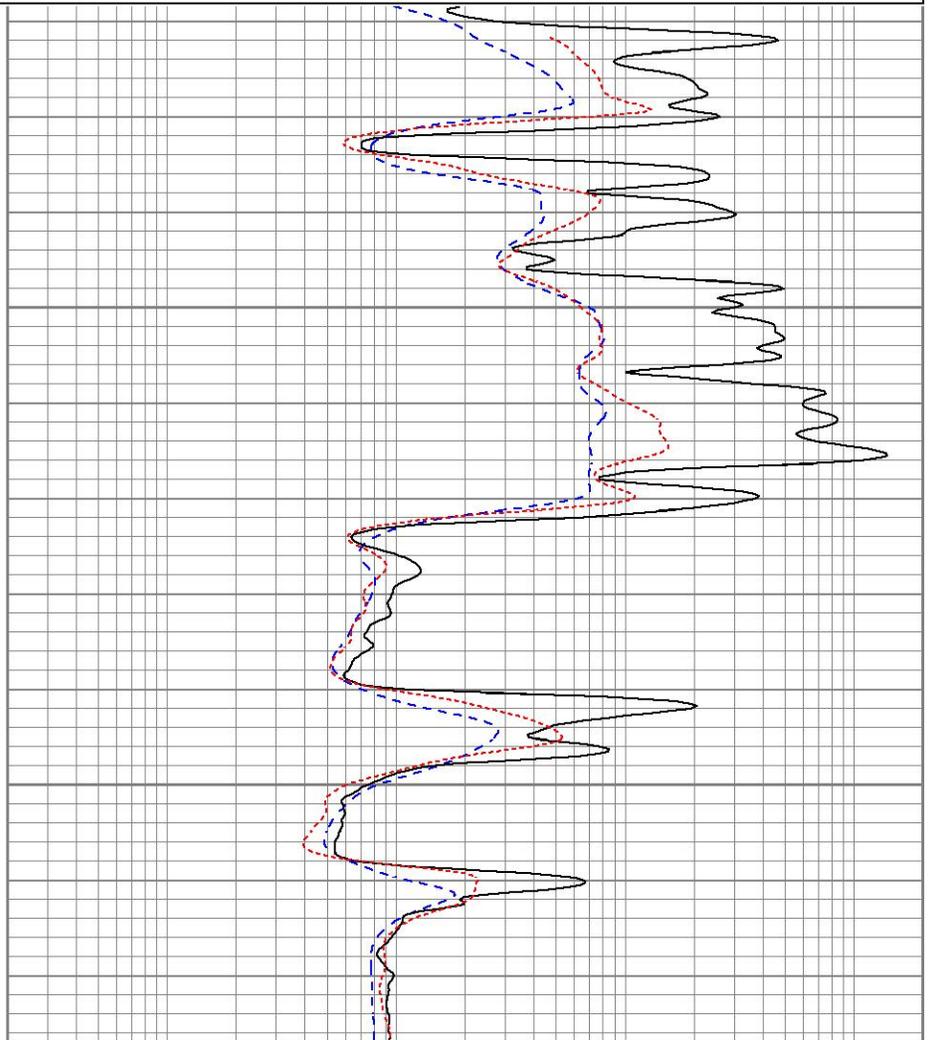
# REPEAT SECTION

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 Presentation Format kdil  
 Dataset Creation Sun Jan 22 05:25:43 2023  
 Charted by Depth in Feet scaled 1:240



3450

3500





After Survey Verification

Internal:	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.127	350.109	mmho/m	1.000	-0.123
Medium	0.000	0.000	mmho/m	0.122	400.202	mmho/m	1.000	-0.219
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