

Serial Number: PRO071130
Tool Model: Probe275dig
Performed: Sun Jun 13 13:33:21 1993

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Cement Bond Log Calibration Report

Serial Number: 275
Tool Model: Probe
Performed: Tue Aug 25 15:03:48 2015

Depth: 1070.41 ft
Casing Diameter: 4.5 in

3' Spacing 5' Spacing

Signal Zero: 0.25 mV
Calibrated Amplitude: 81.1961 mV
Reading at Signal Zero: -0.000683594 V
Reading in Free Pipe: 0.819067 V

Gain: 86.21 119.829
Offset: 0.317501 0.214894



Main Pass @ 1000 PSI

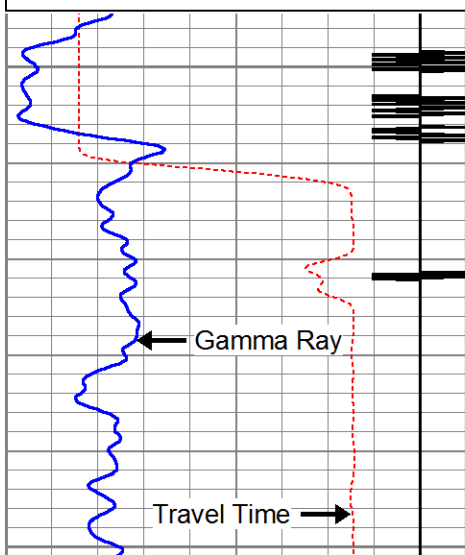
Database File: encana wooley 12-7.db
Dataset Pathname: pass19.1
Presentation Format: cbl_dr
Dataset Creation: Tue Aug 25 17:37:19 2015 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

400	Travel Time (usec)	200
9	Collar Locator	-1
0	Gamma Ray (GAPI)	250

0	Amplified Amplitude (mV)	10	200
0	Amplitude (mV)	100	

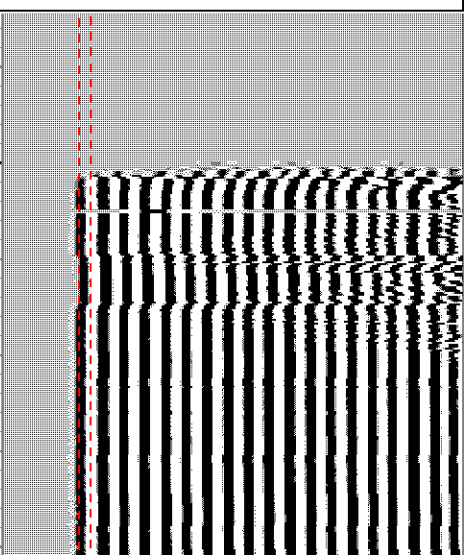
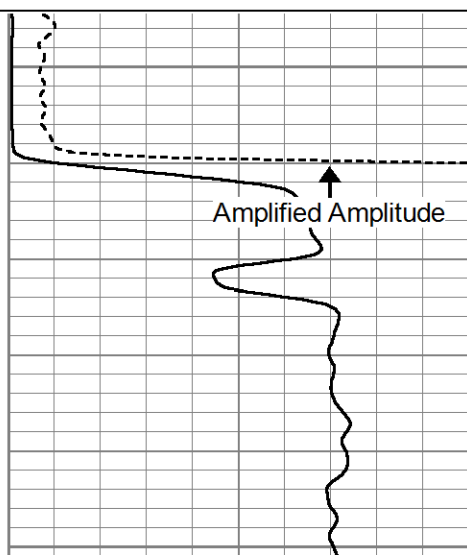
Variable Density 1200

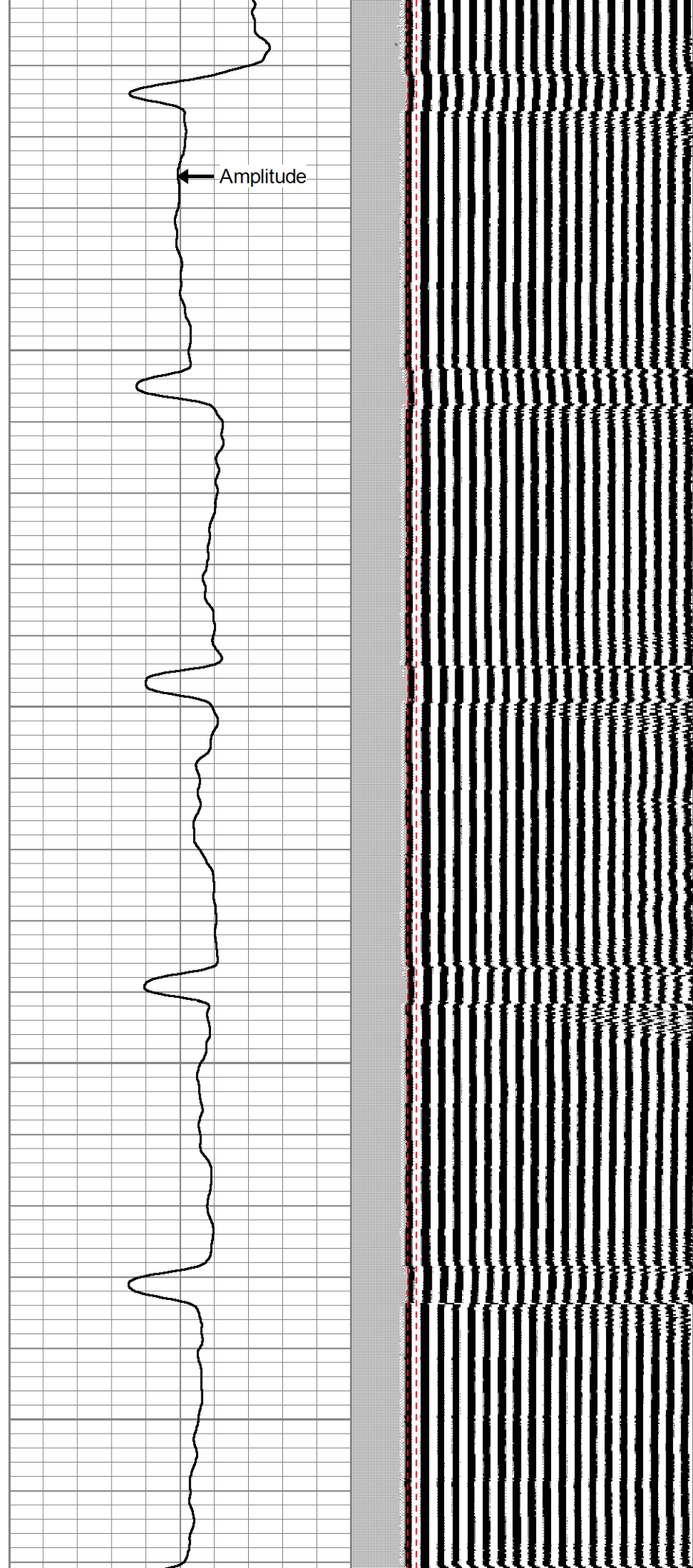
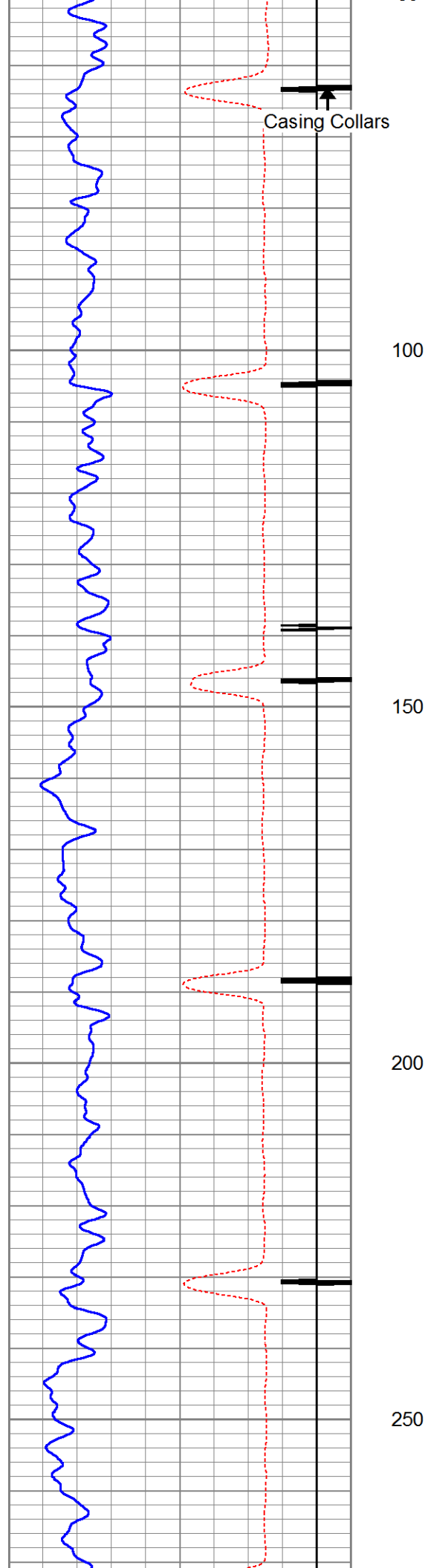
Free Pipe Gate

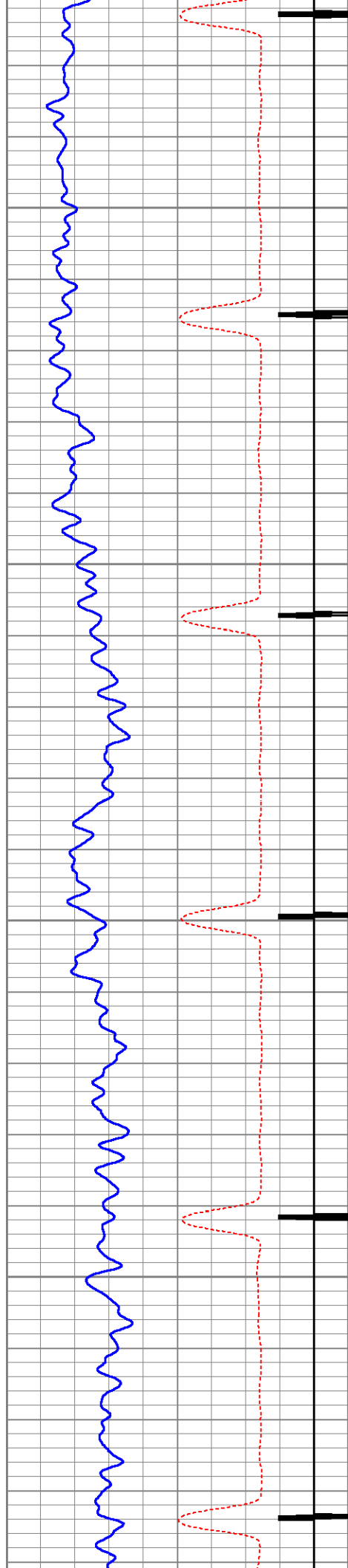


0

50





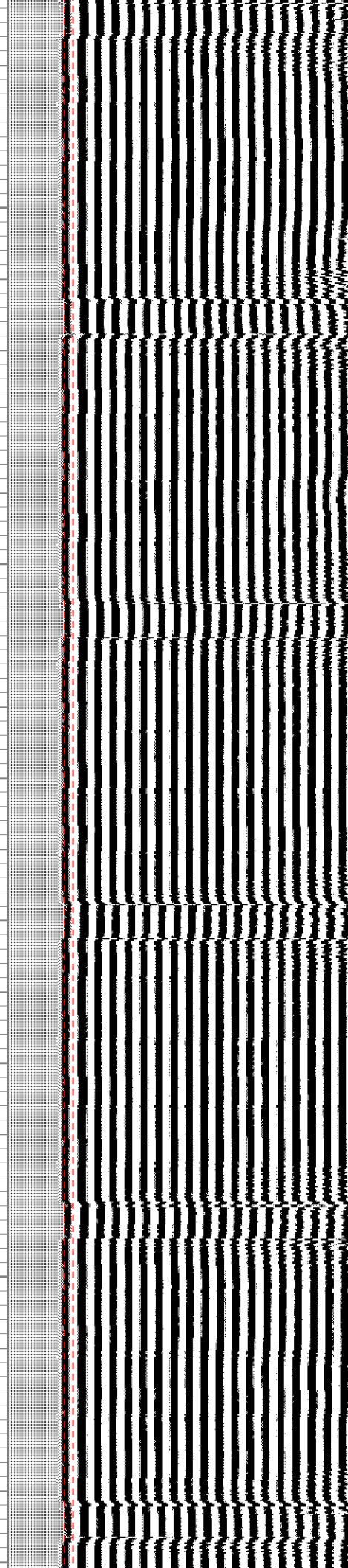
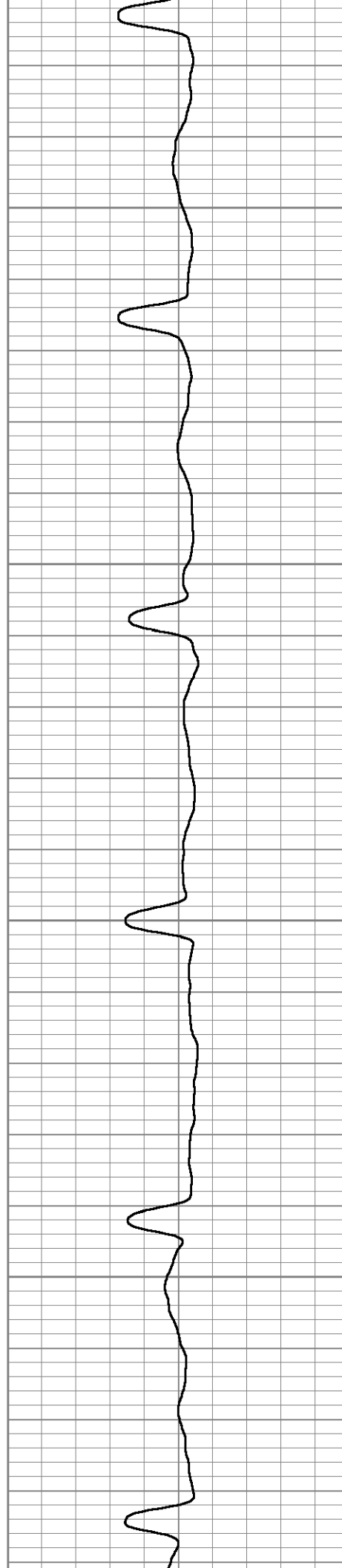


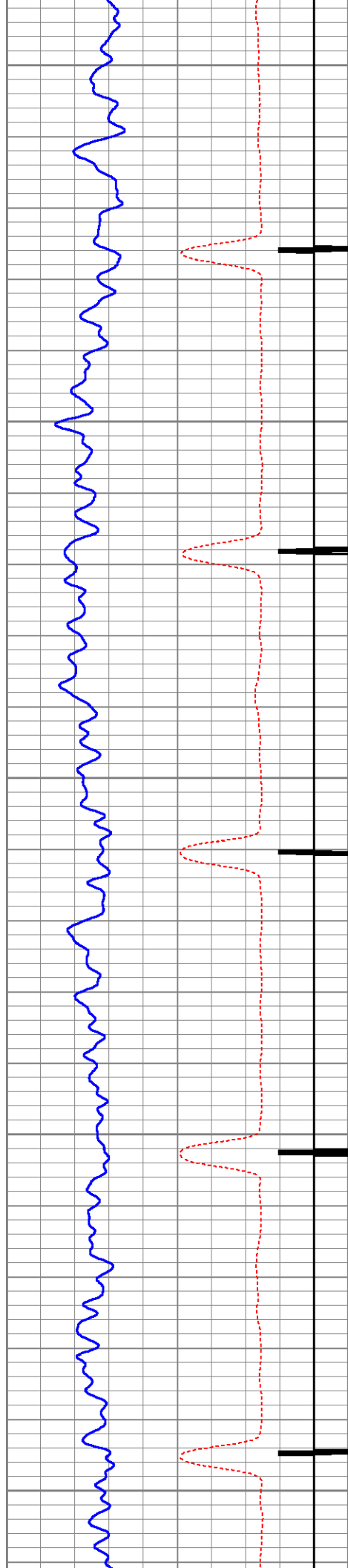
300

350

400

450





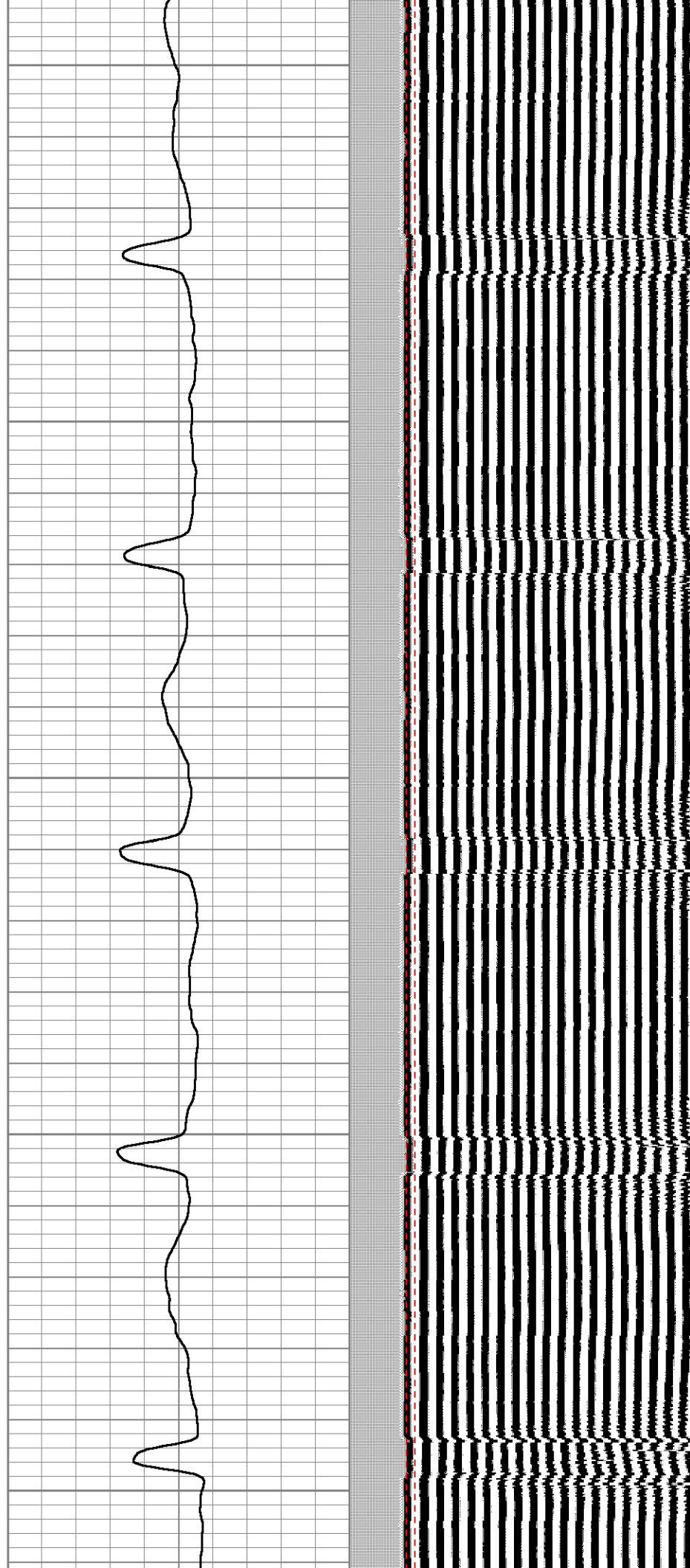
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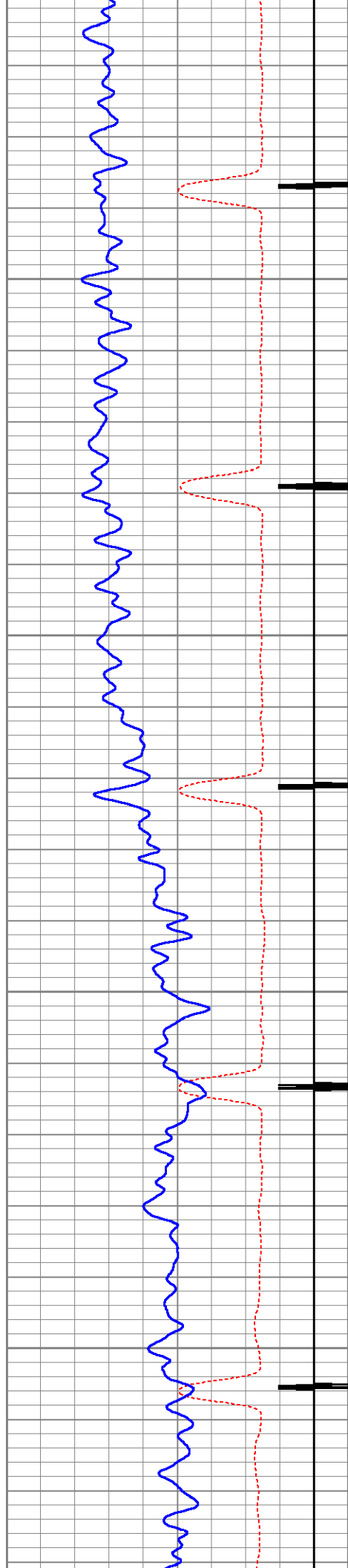
550

600

650

700



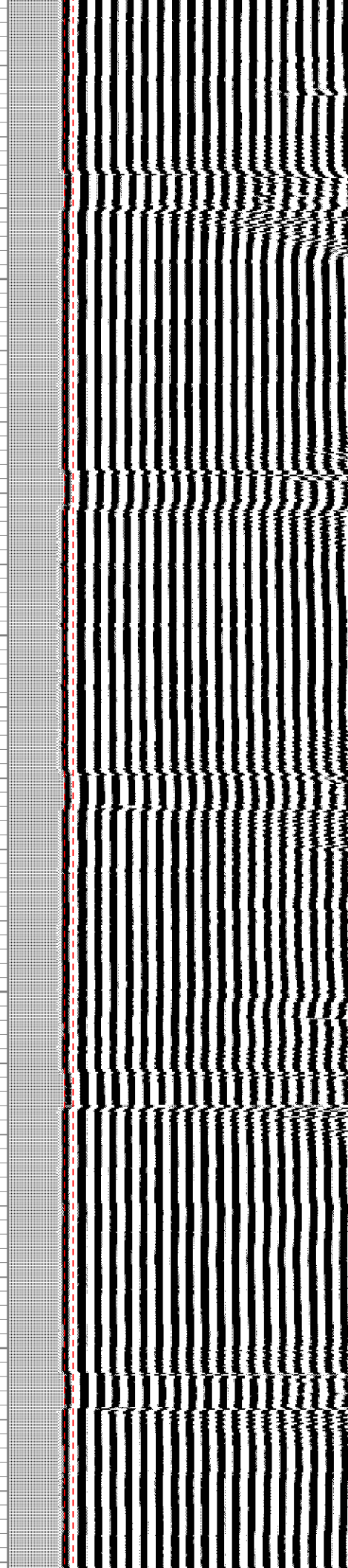
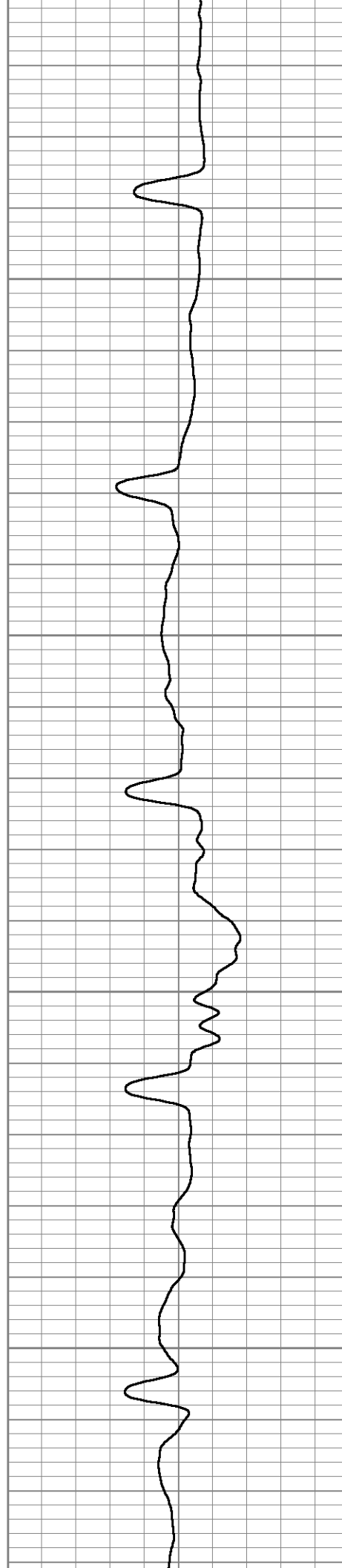


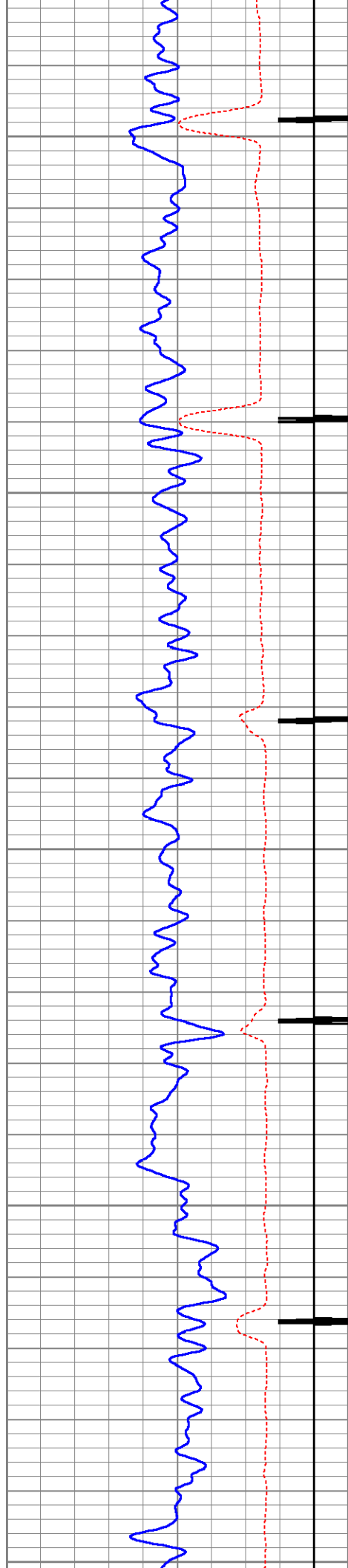
750

800

850

900





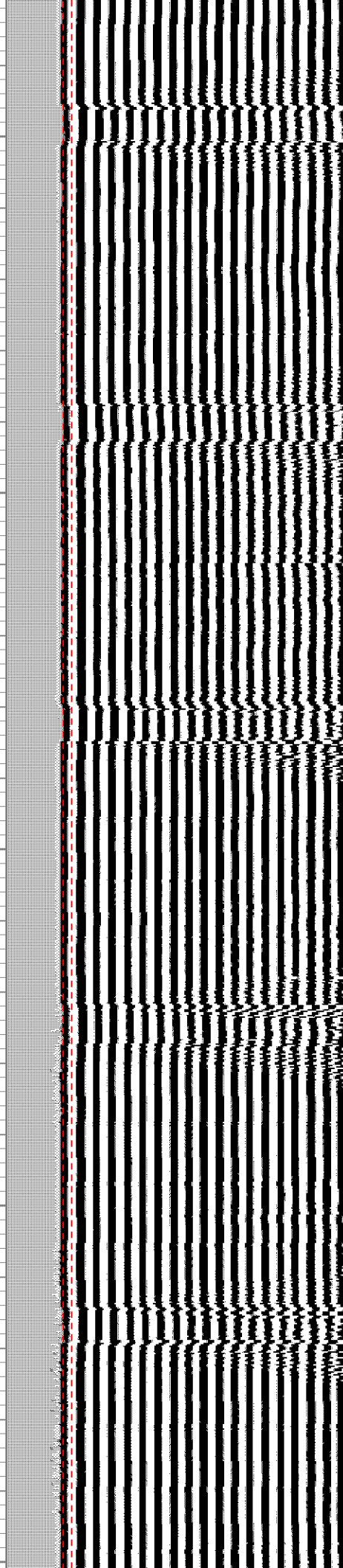
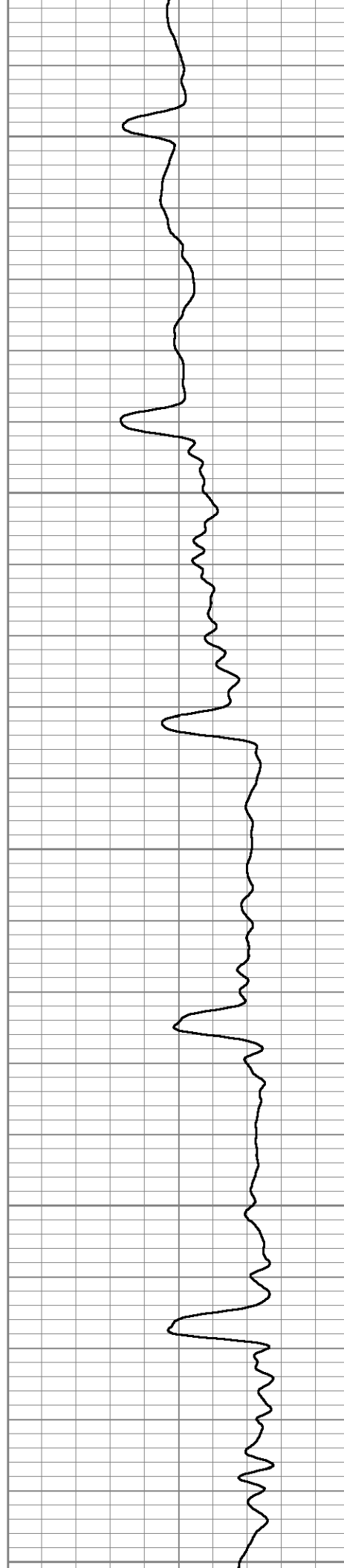
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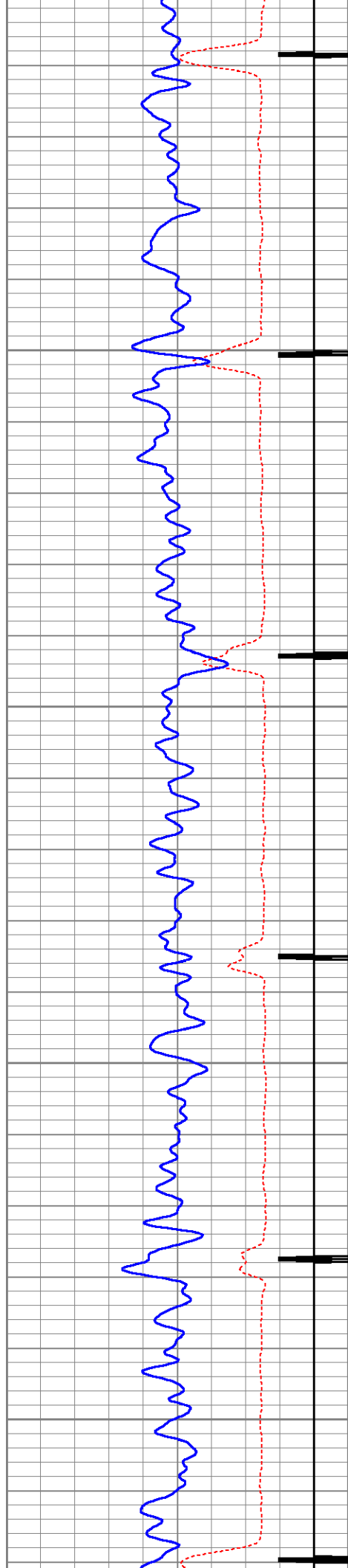
1000

1050

1100

1150



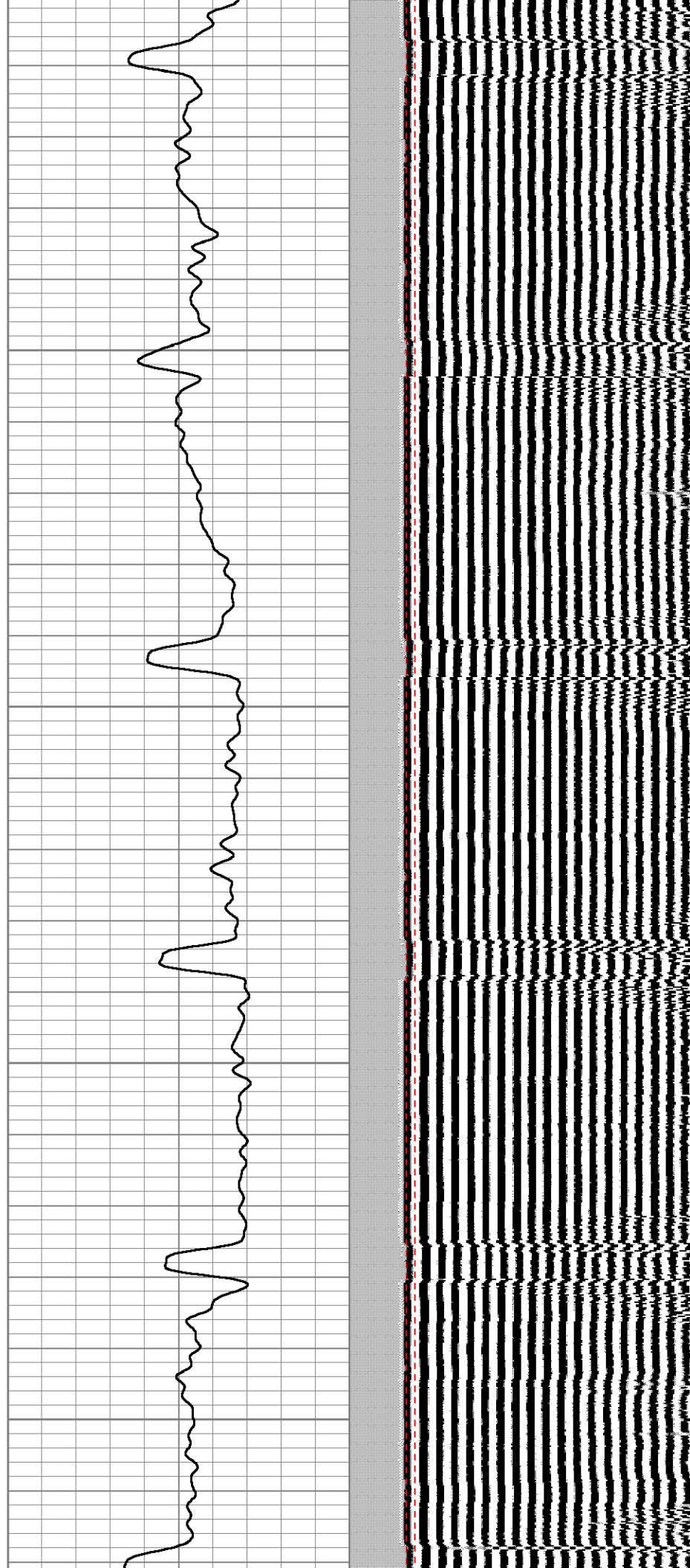


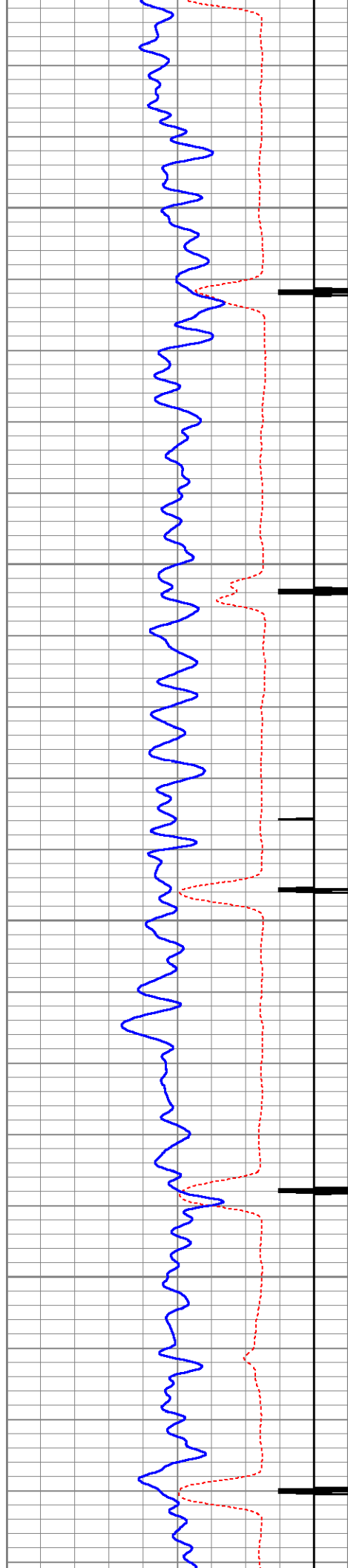
1200

1250

1300

1350



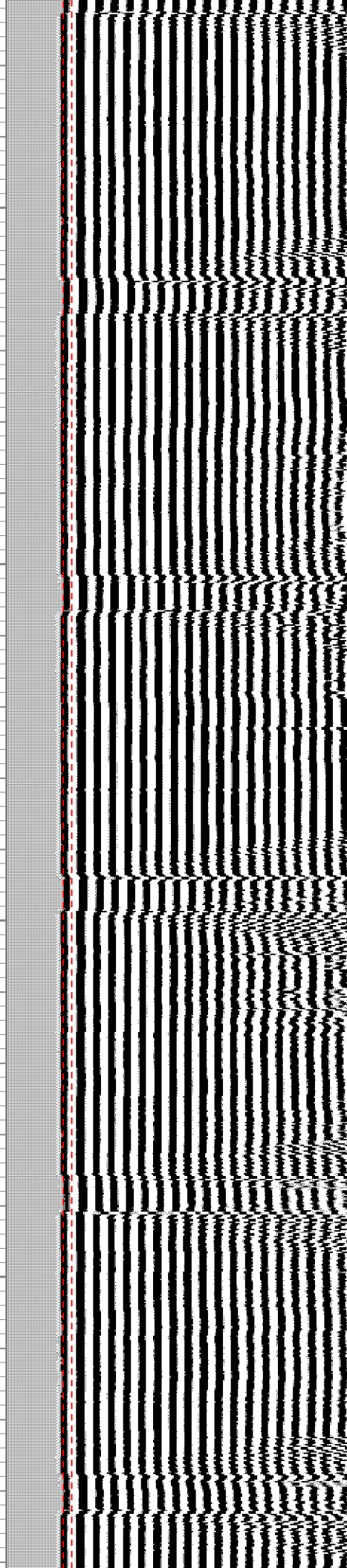
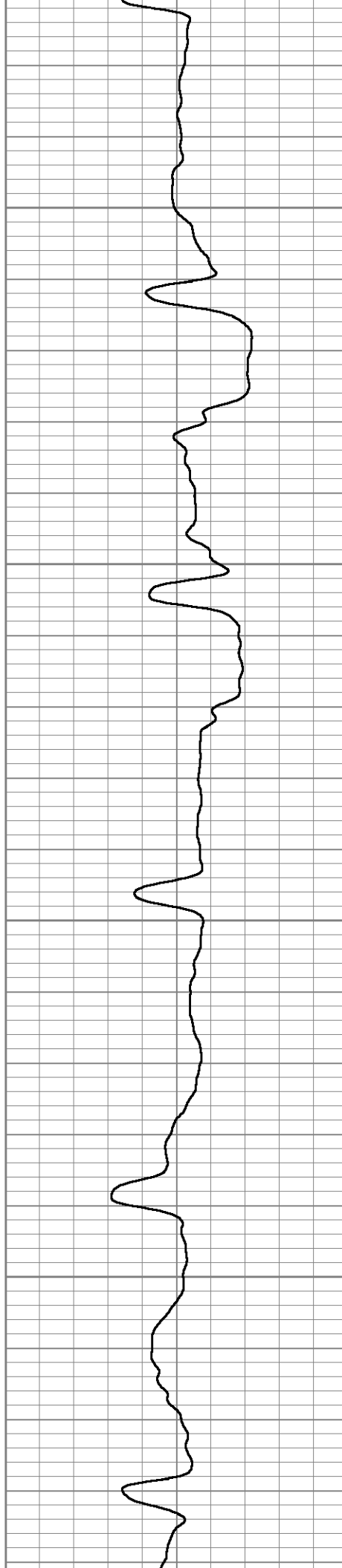


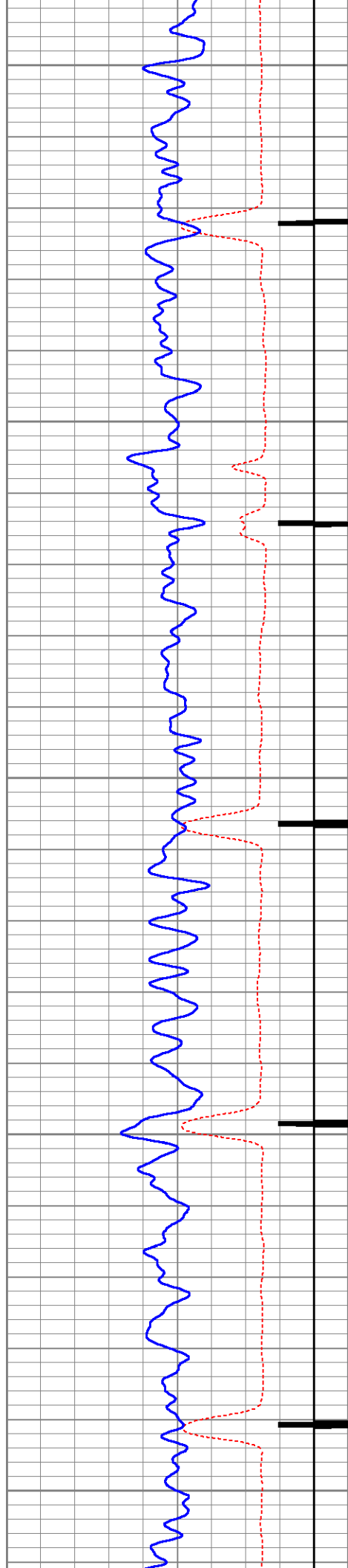
1400

1450

1500

1550





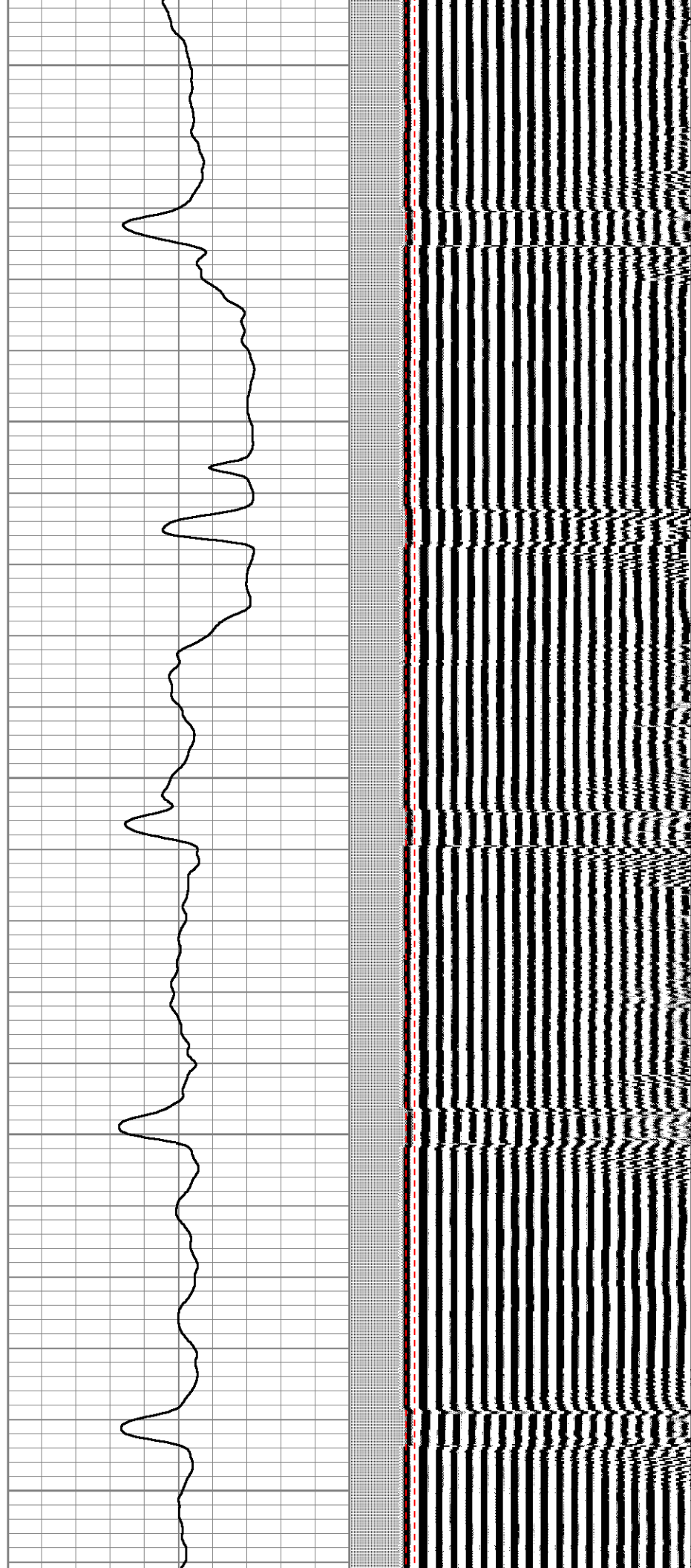
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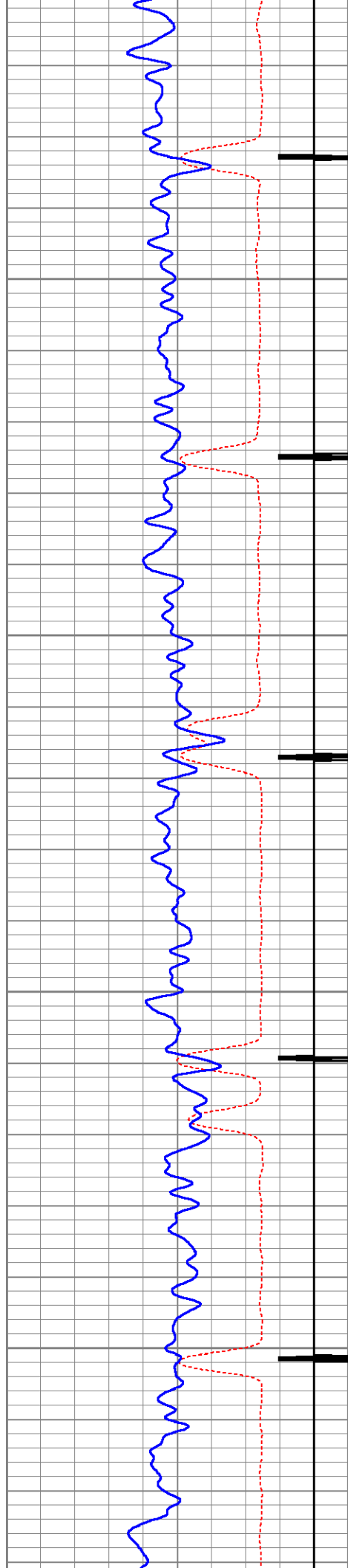
1650

1700

1750

1800



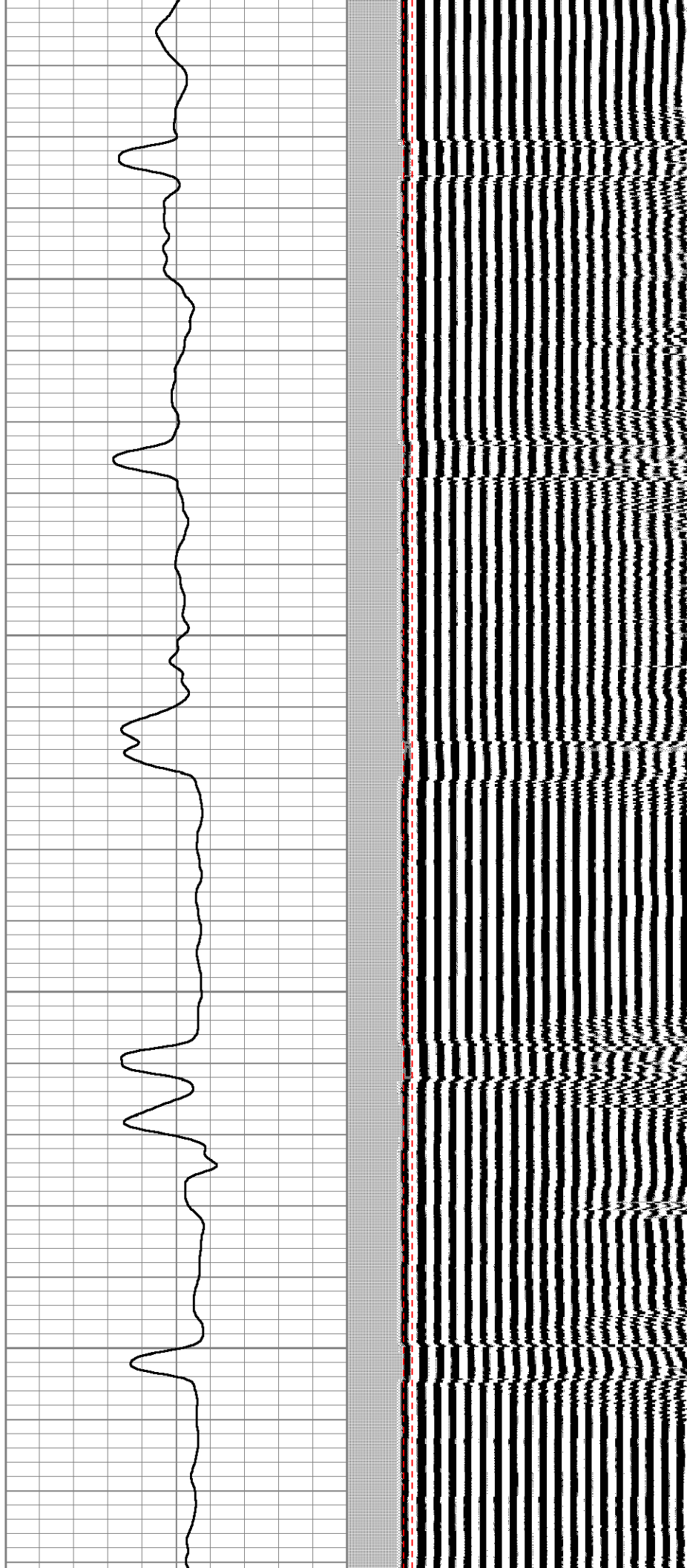


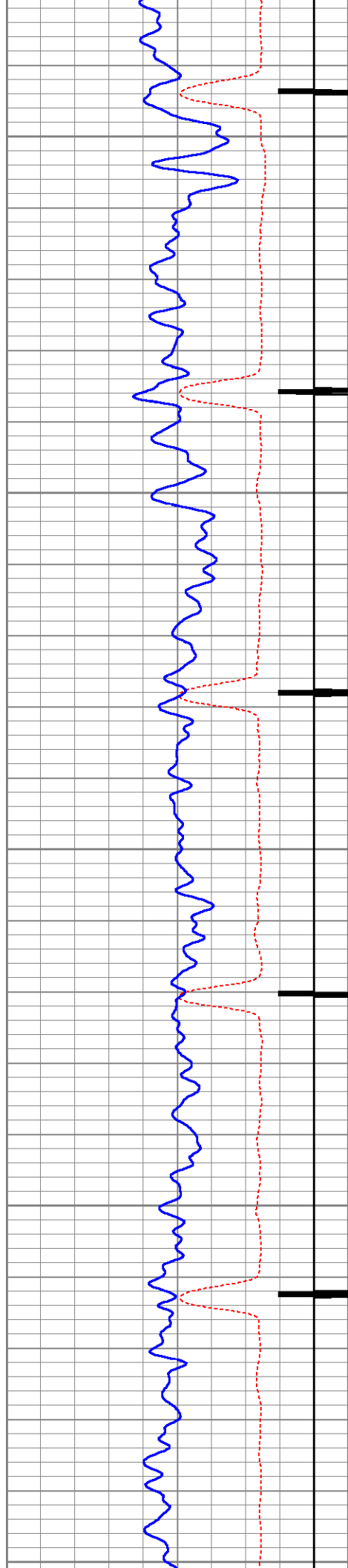
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1900

1950

2000





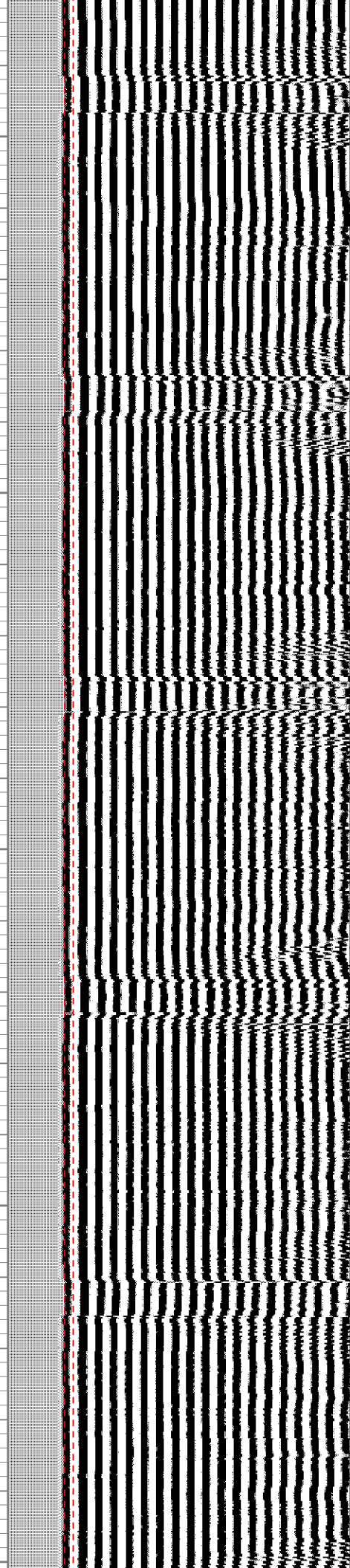
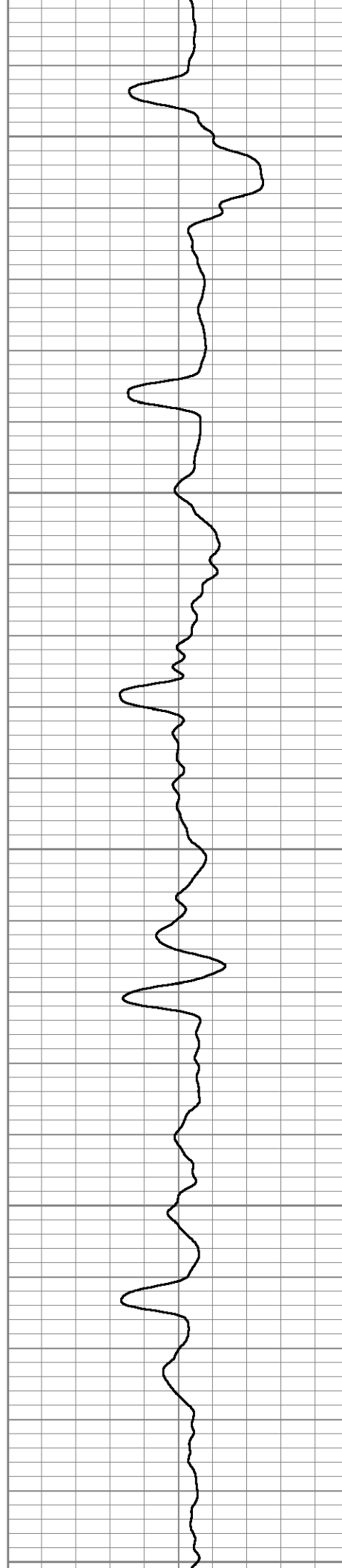
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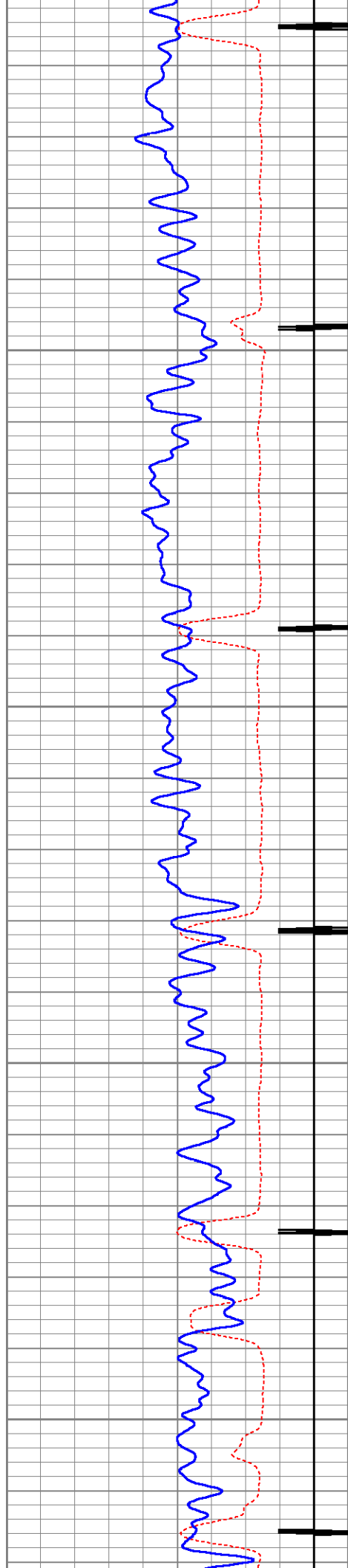
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2150

2200

2250



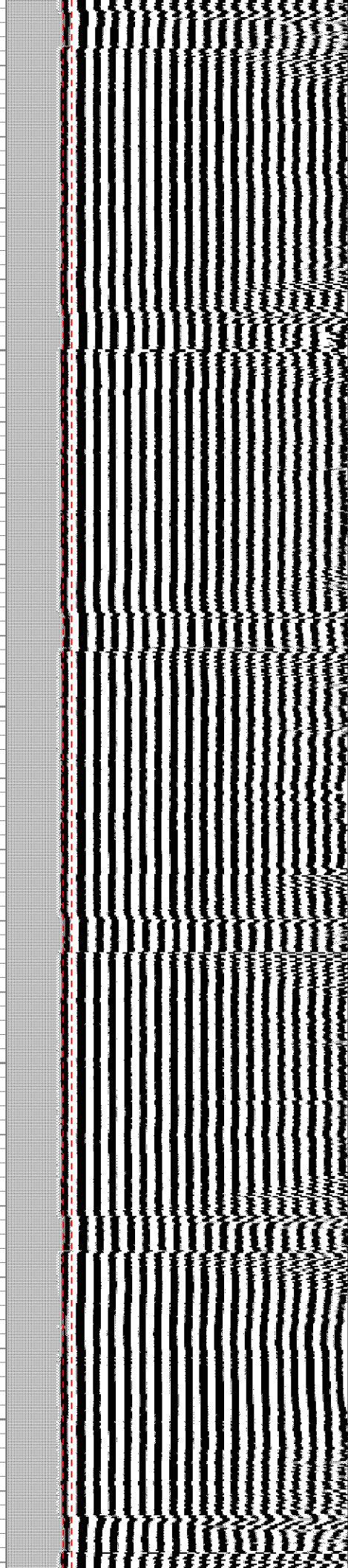
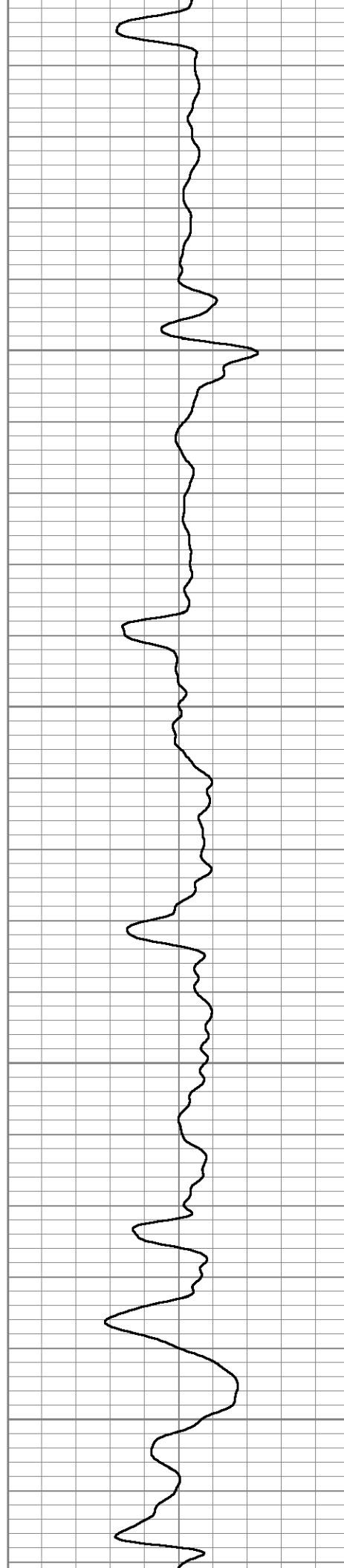


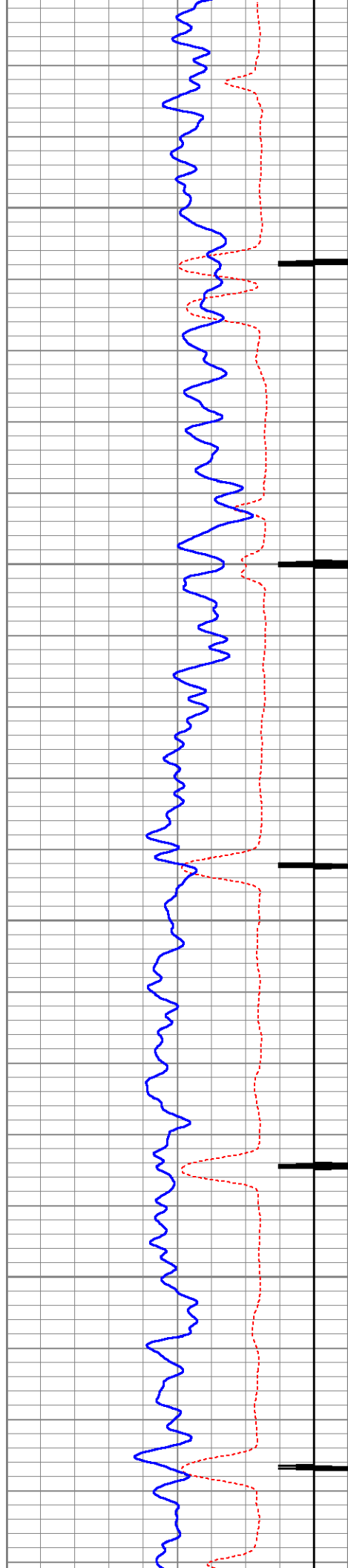
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2350

2400

2450



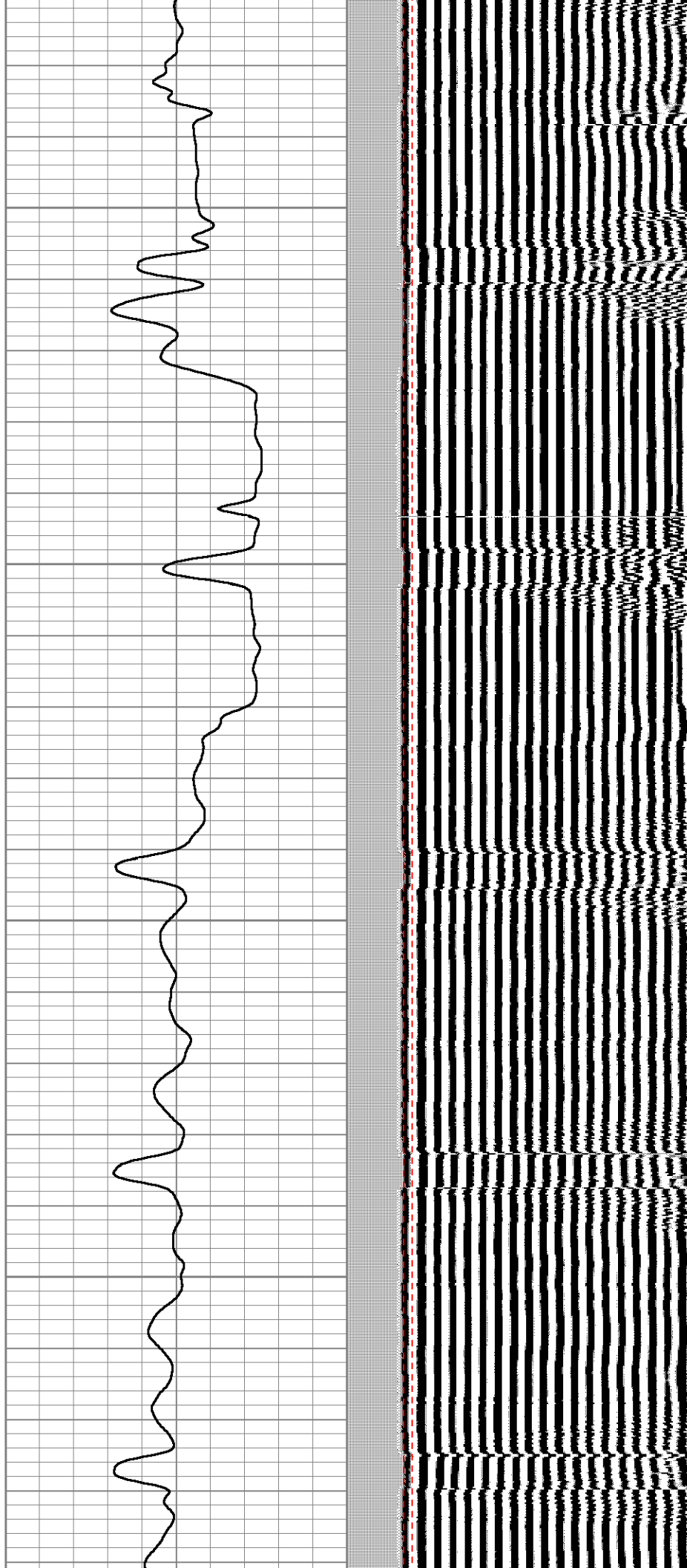


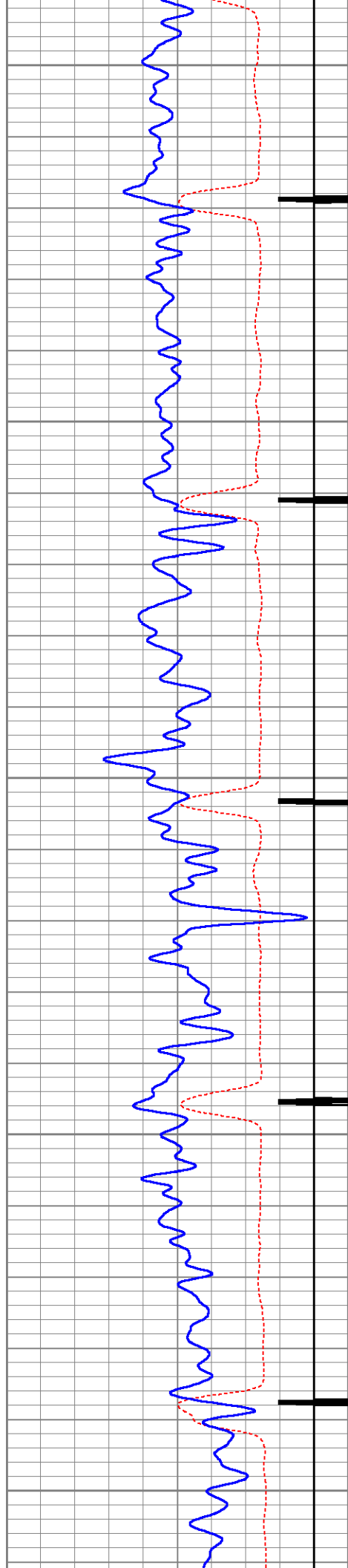
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2600

2650





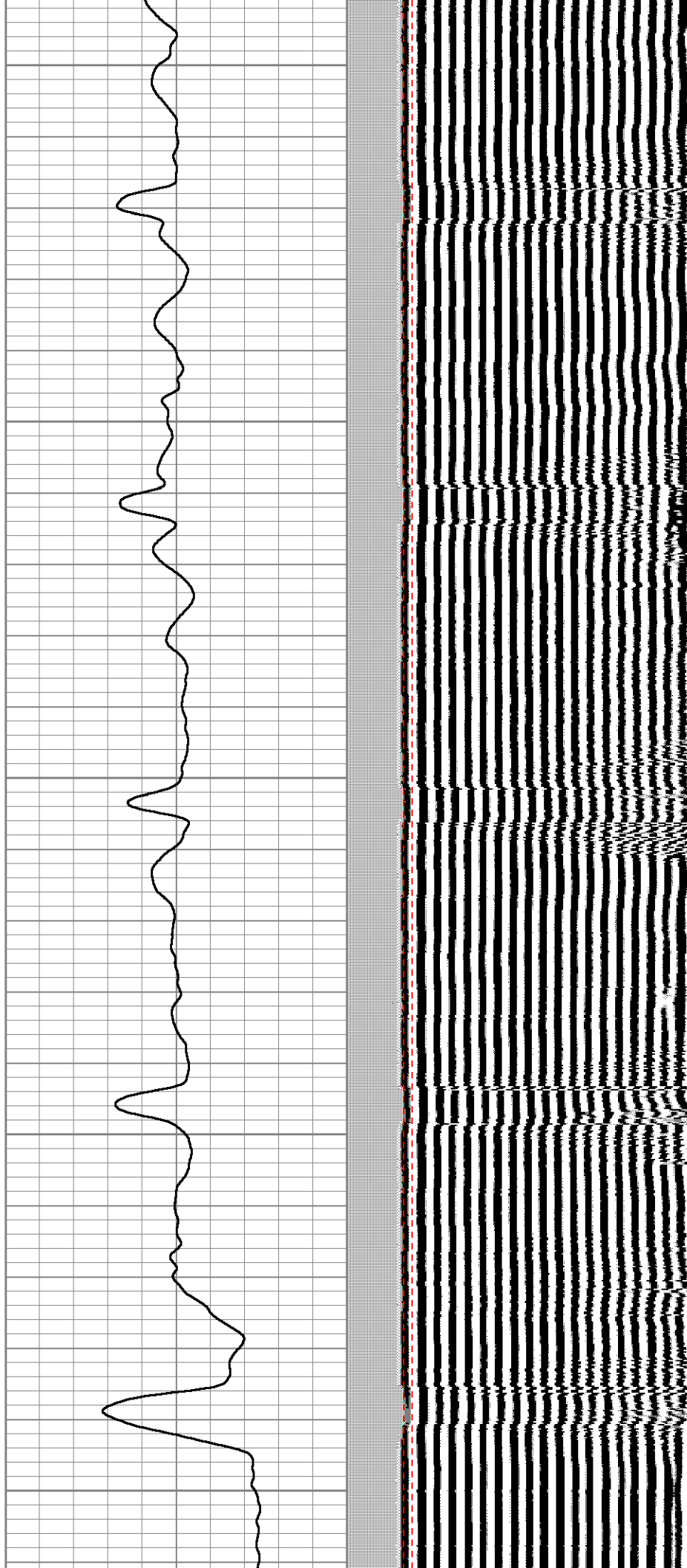
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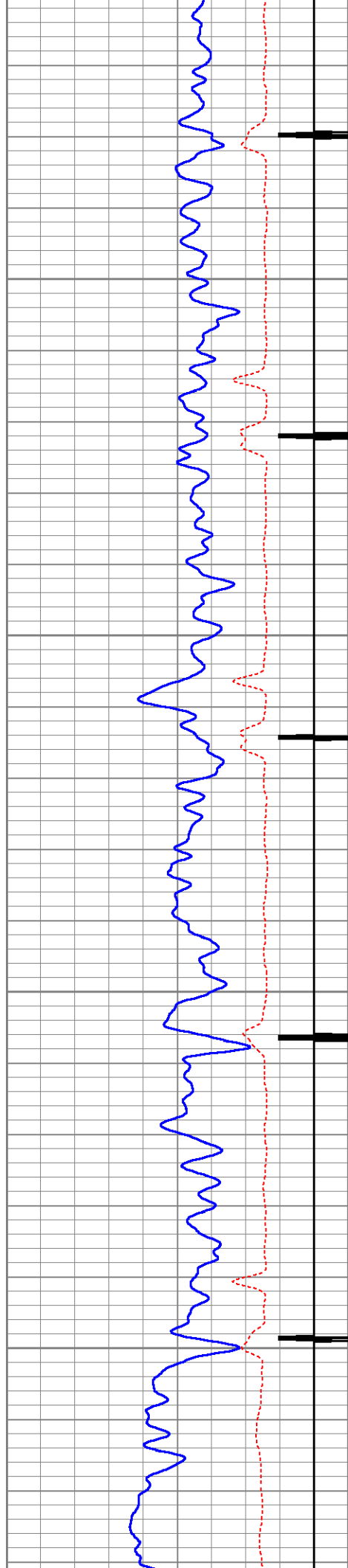
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2800

2850

2900



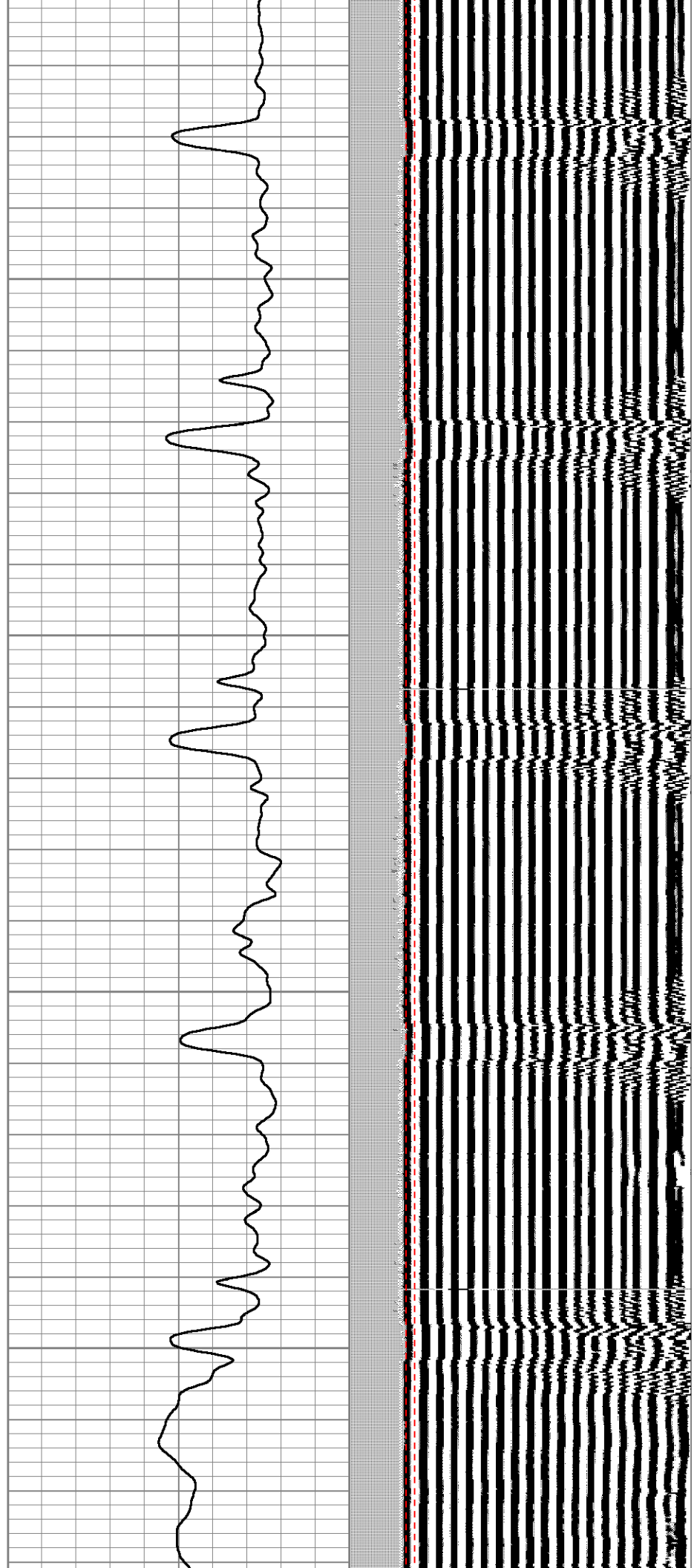


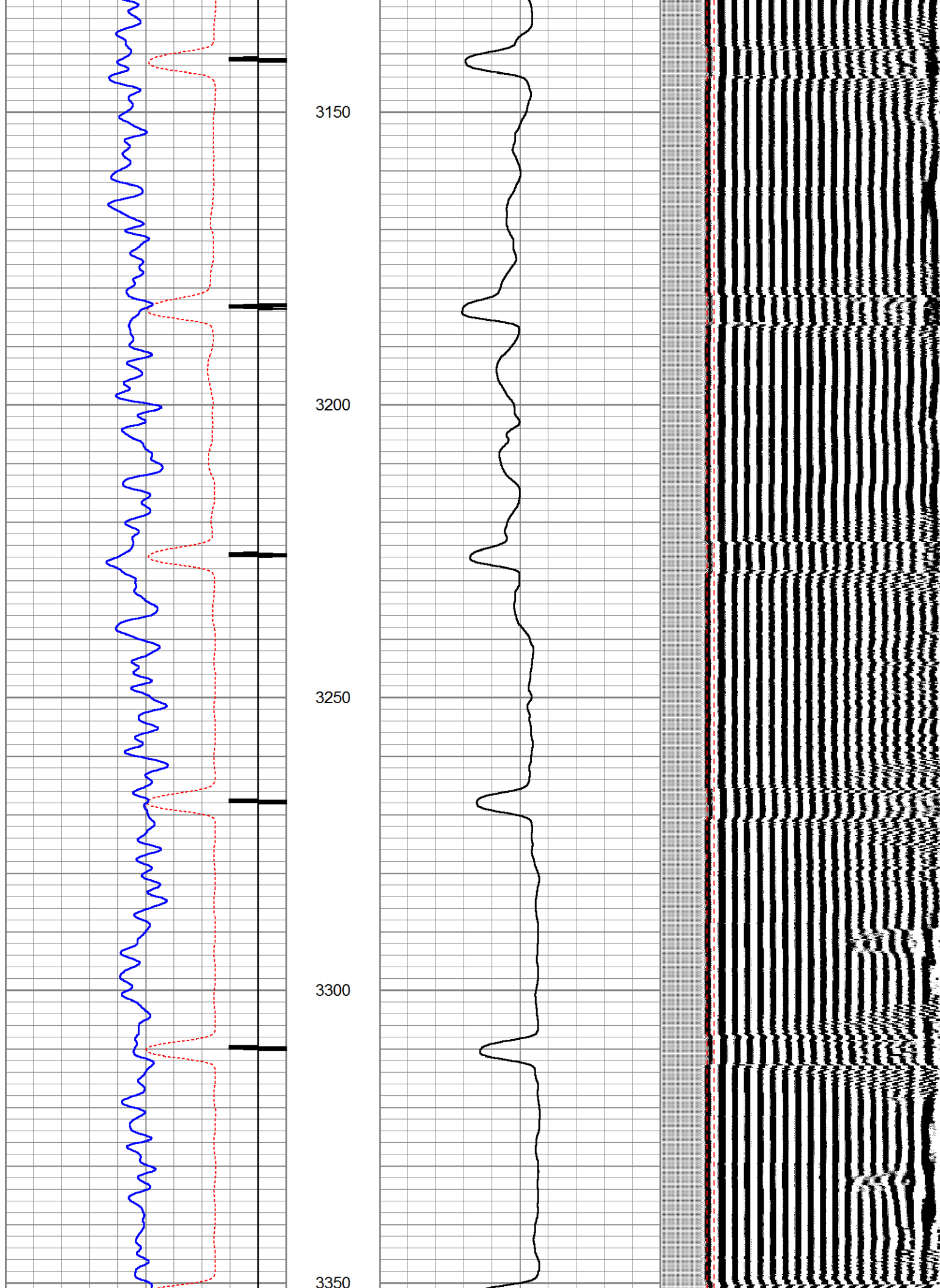
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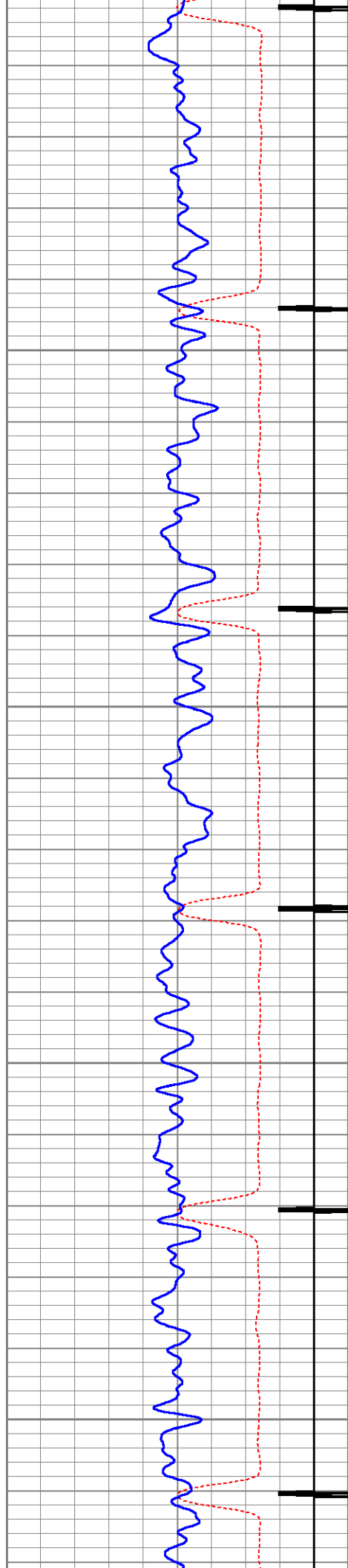
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3050

3100





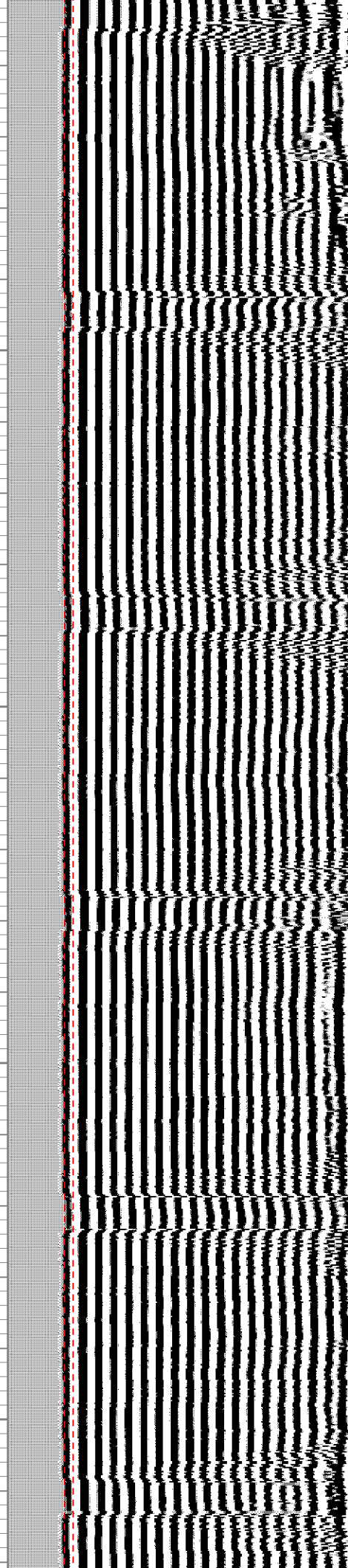
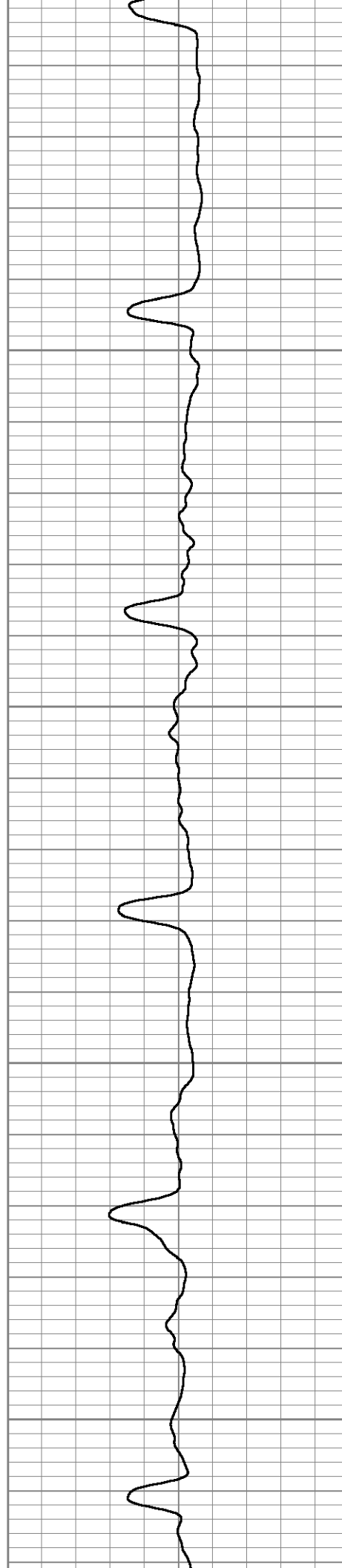


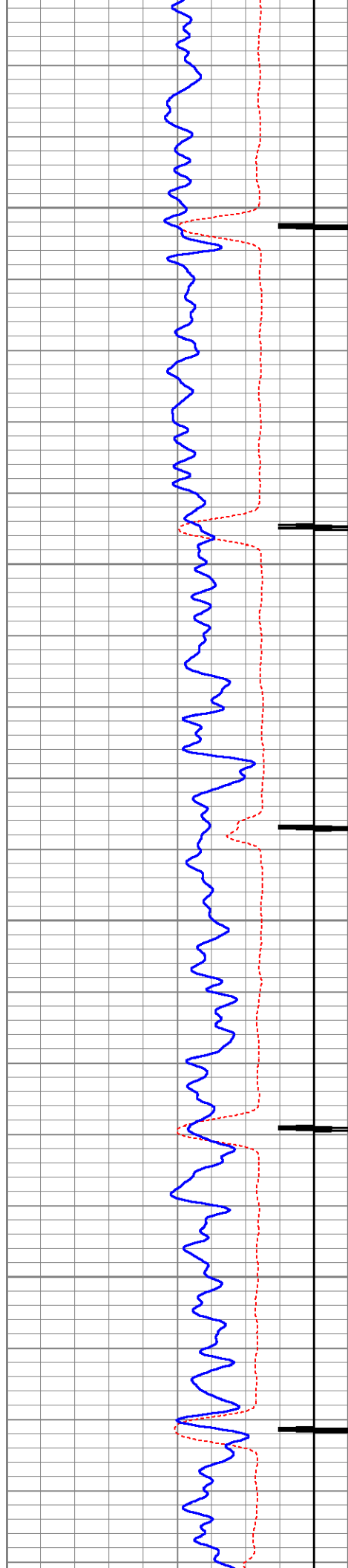
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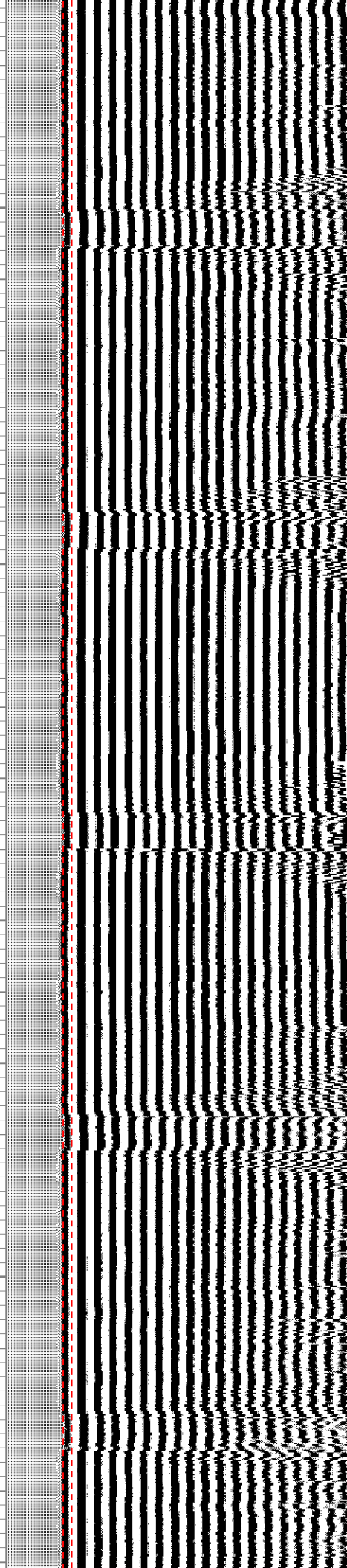
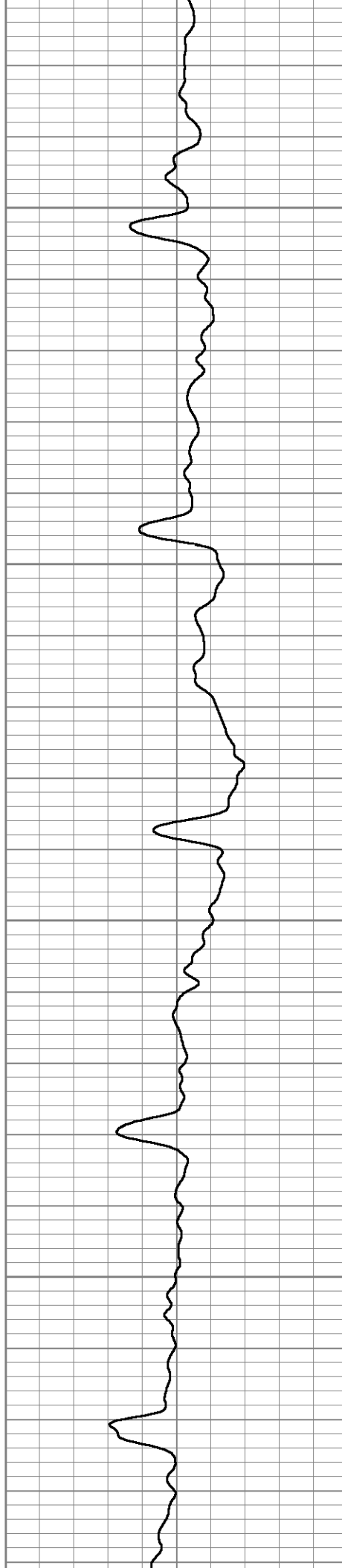


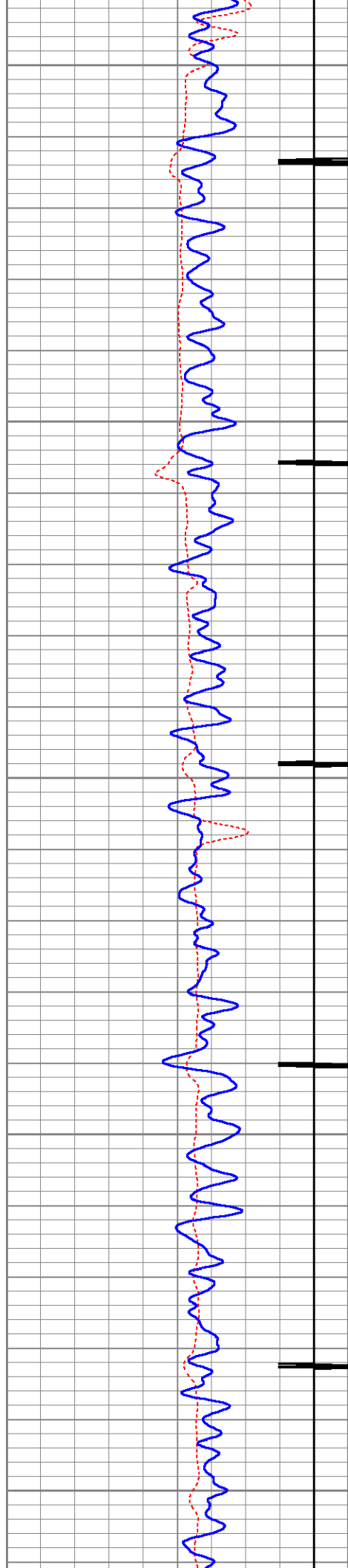
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3700

3750





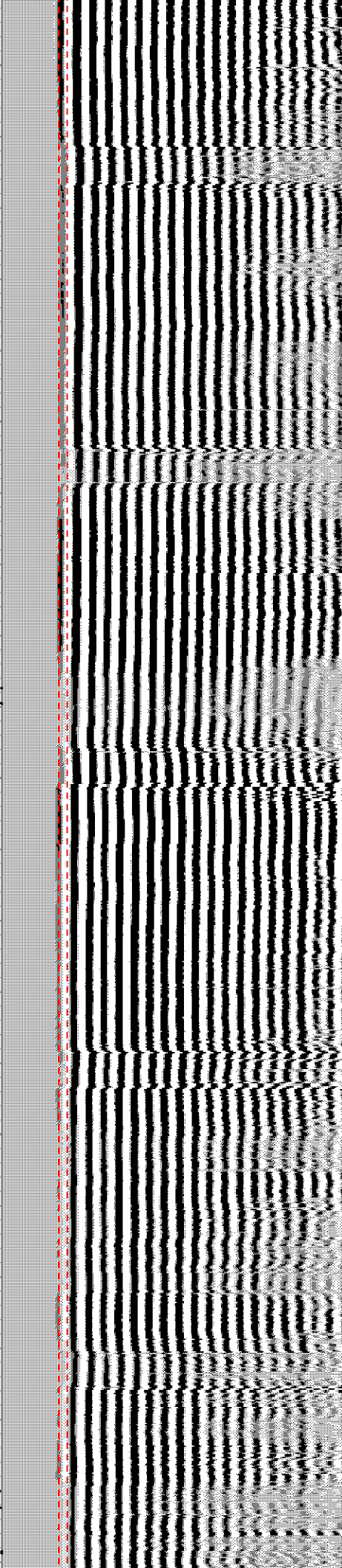
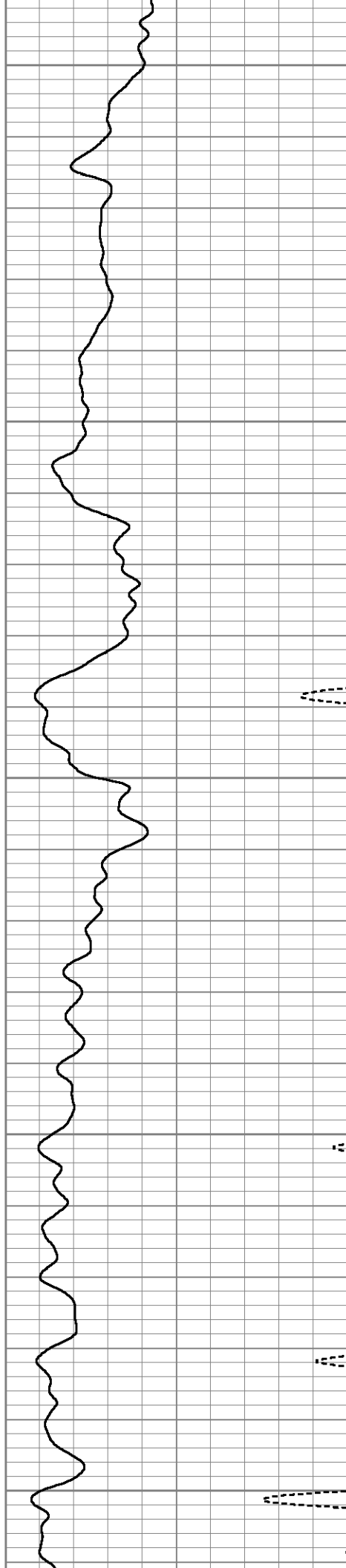
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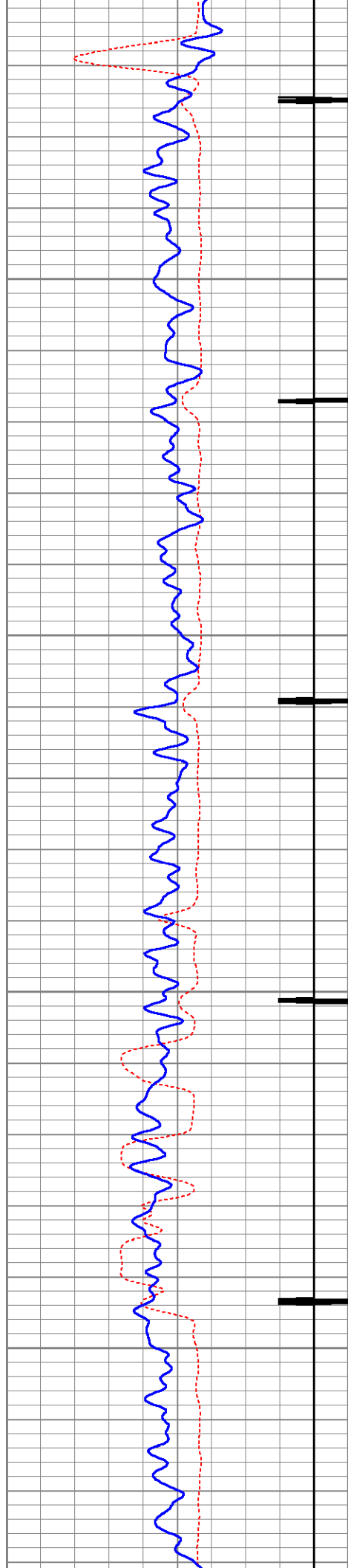
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3900

3950

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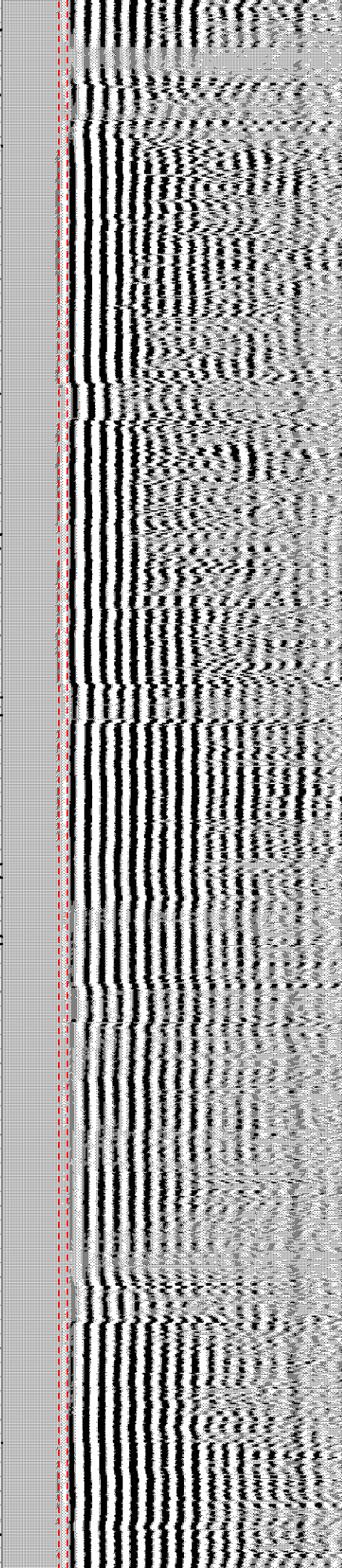
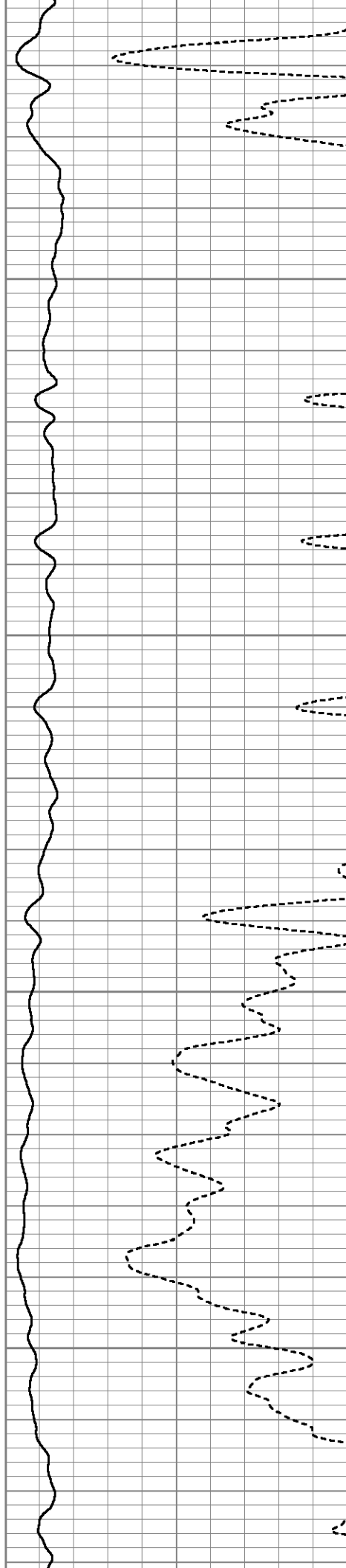


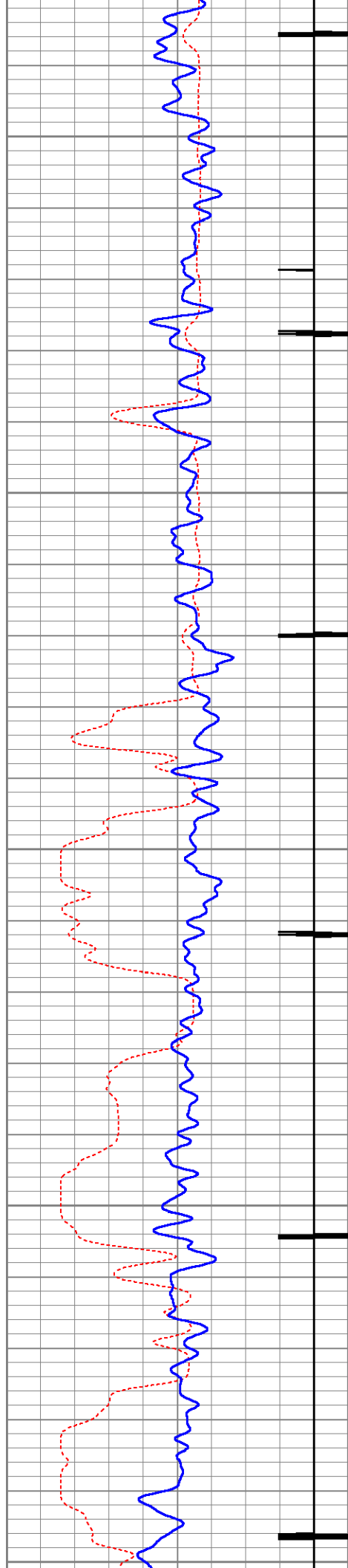
4050

4100

4150

4200





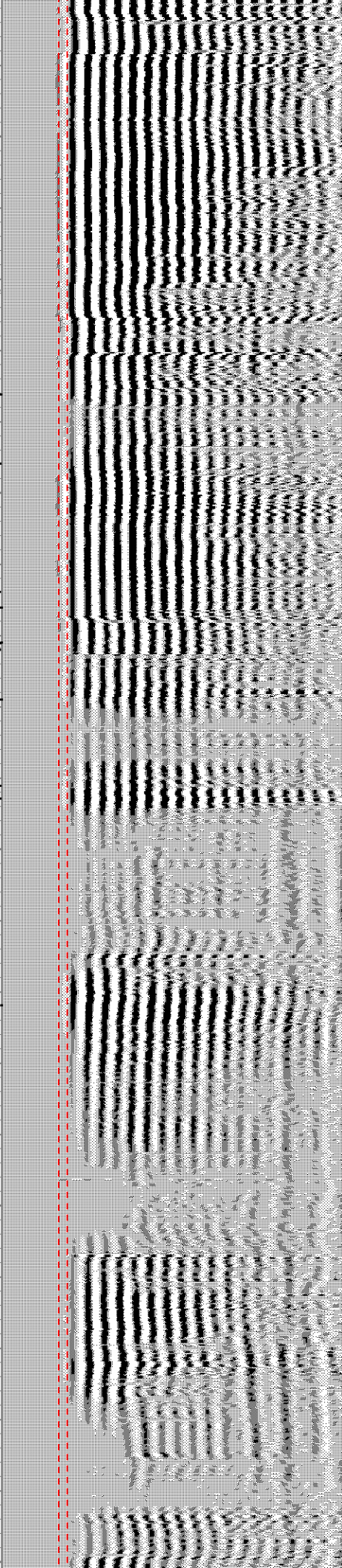
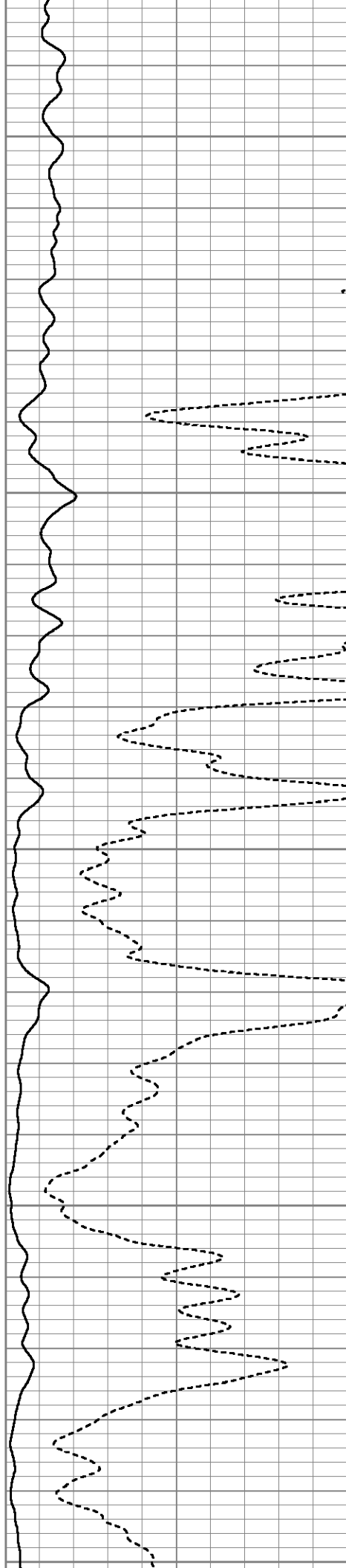
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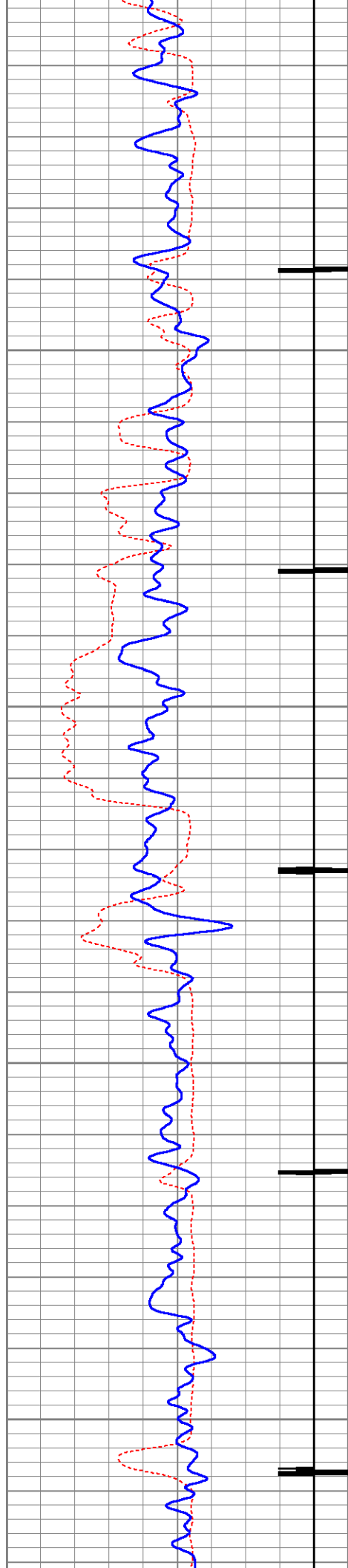
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4400

4450



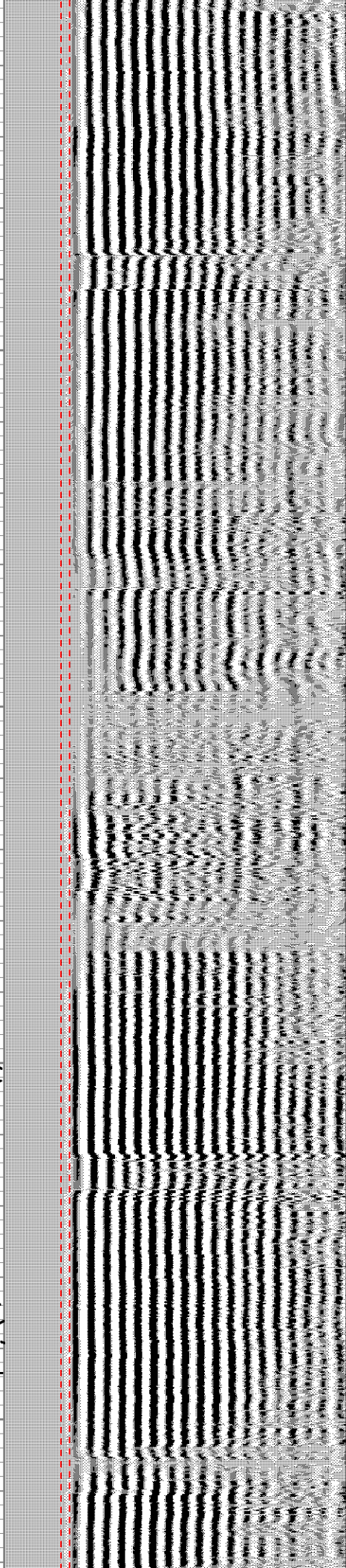
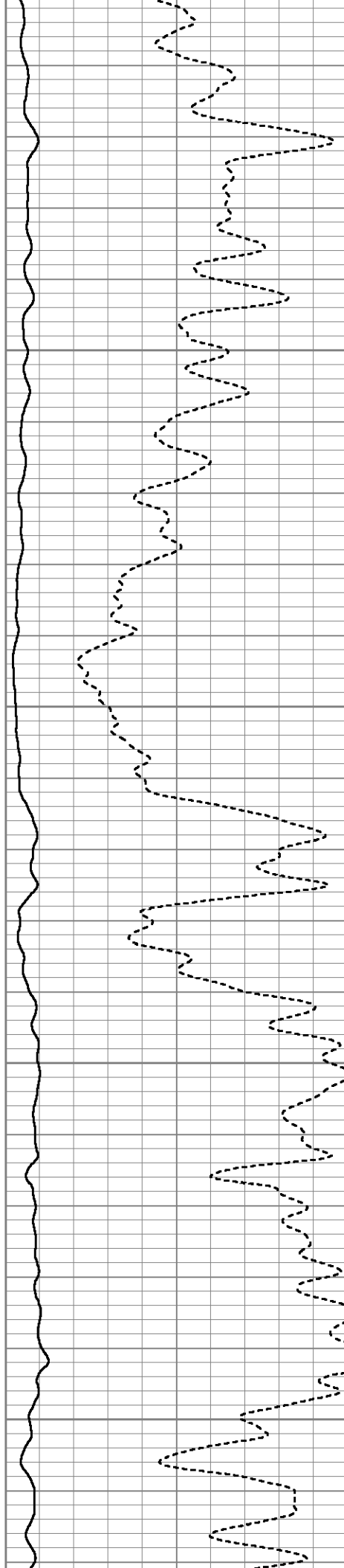


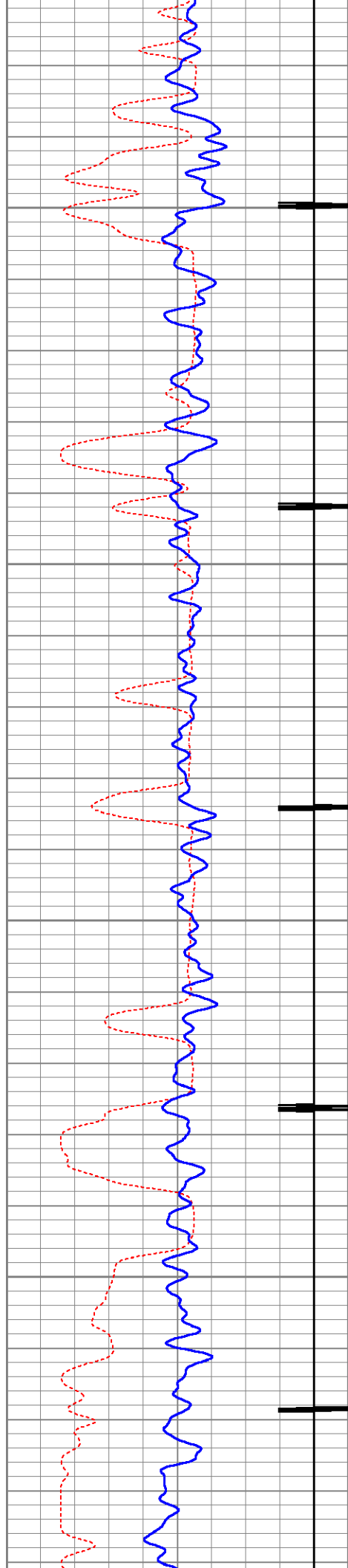
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4550

4600

4650



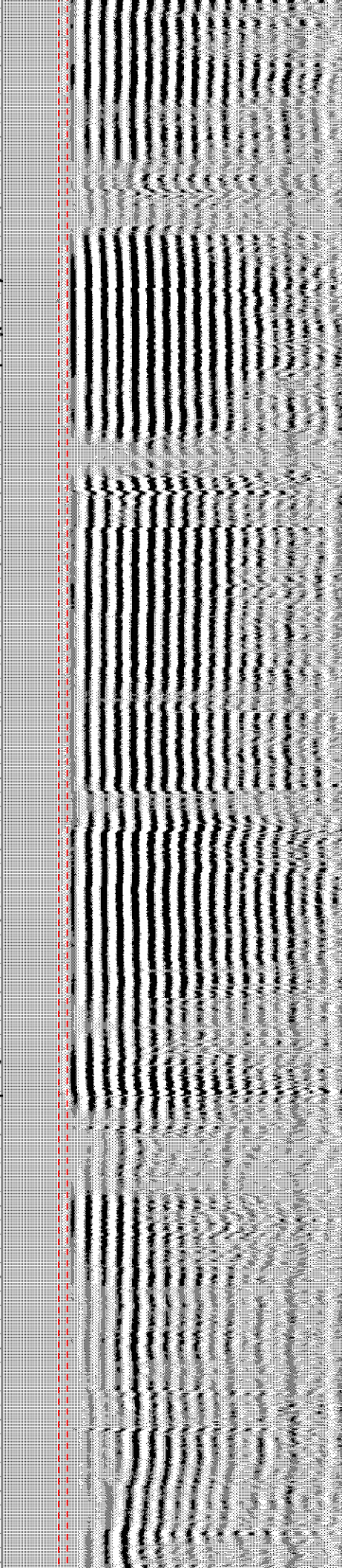
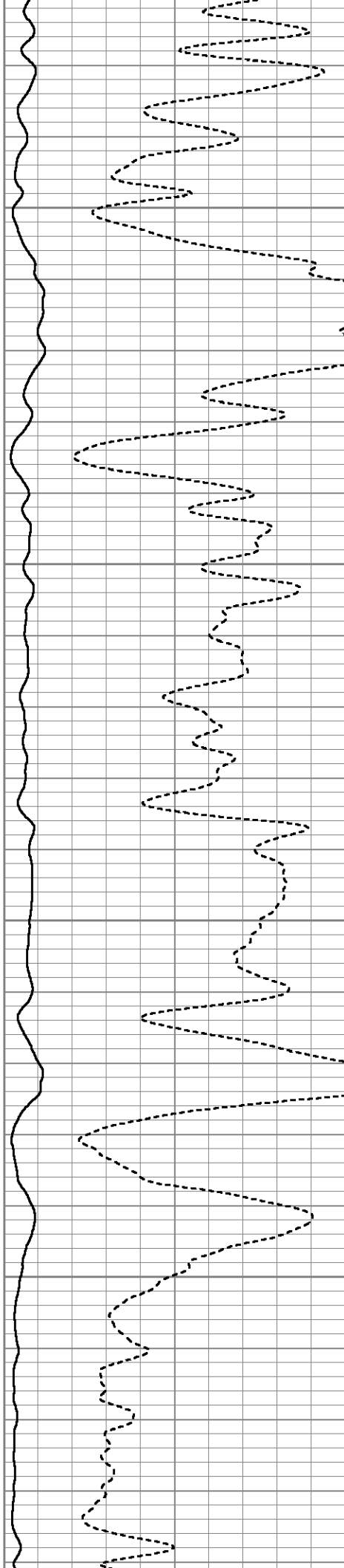


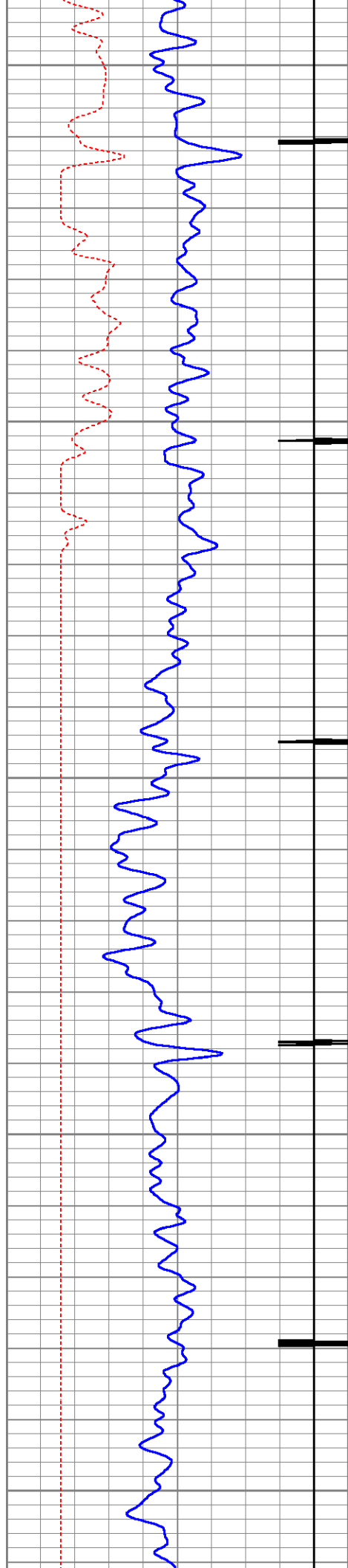
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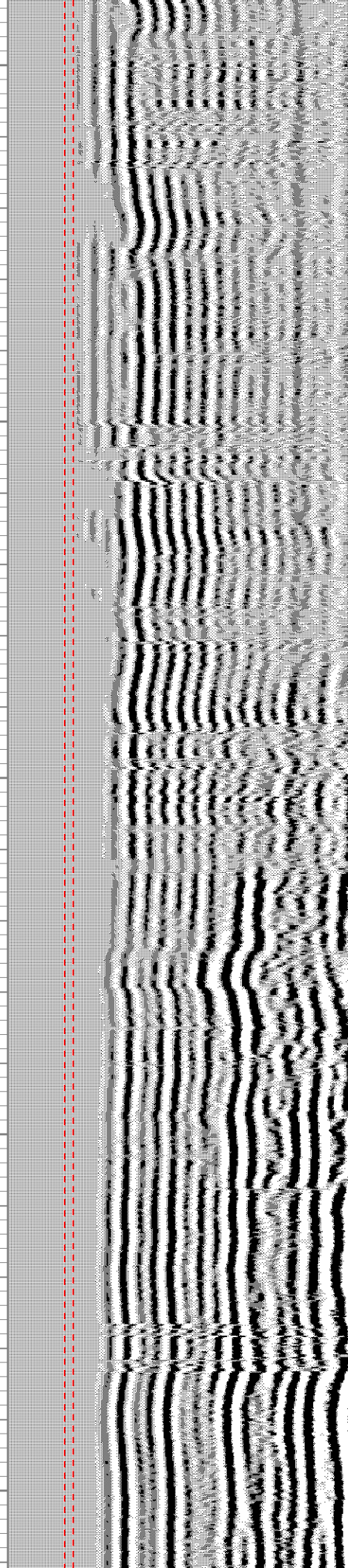
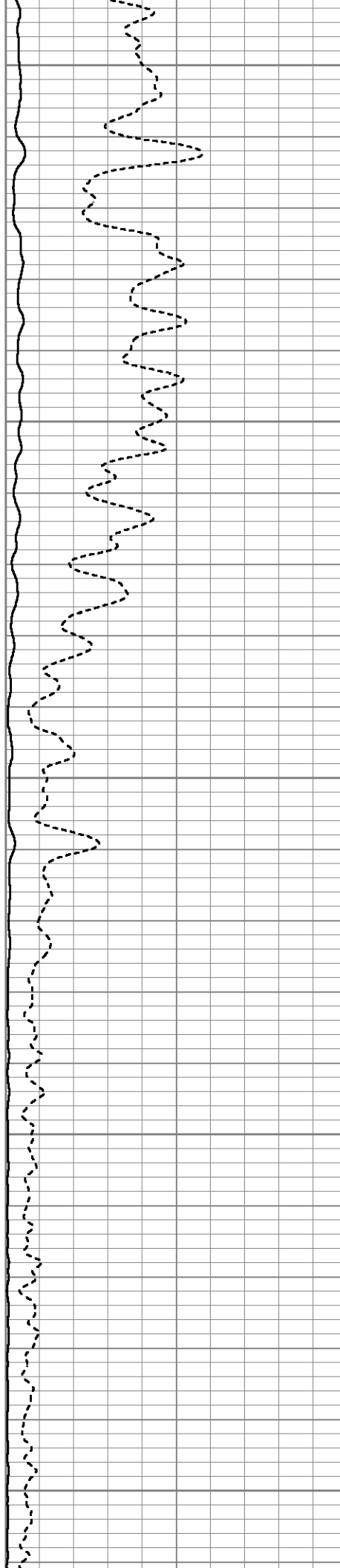
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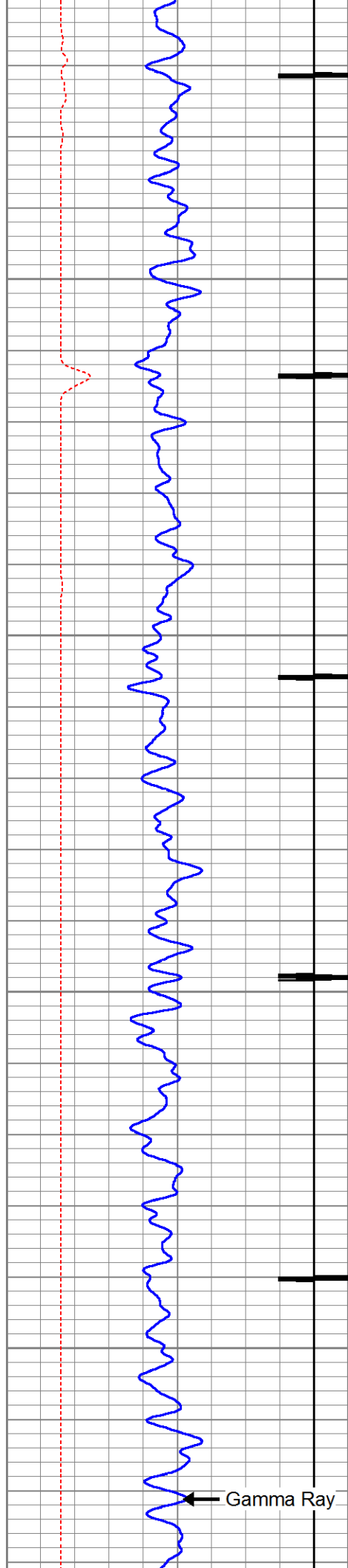
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5000

5050

5100





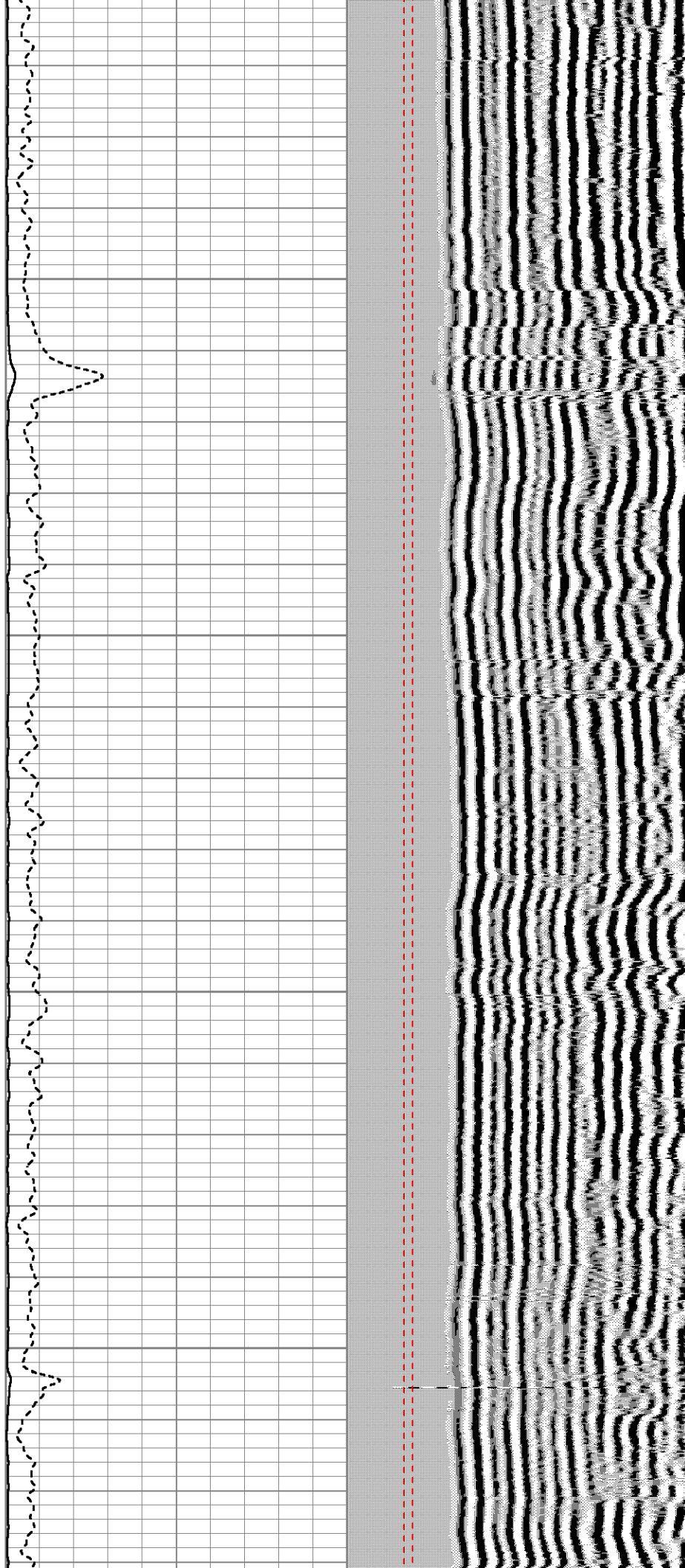
5150

5200

5250

5300

Gamma Ray



Casing Collar Locator

Travel Time

5350

5400

5450

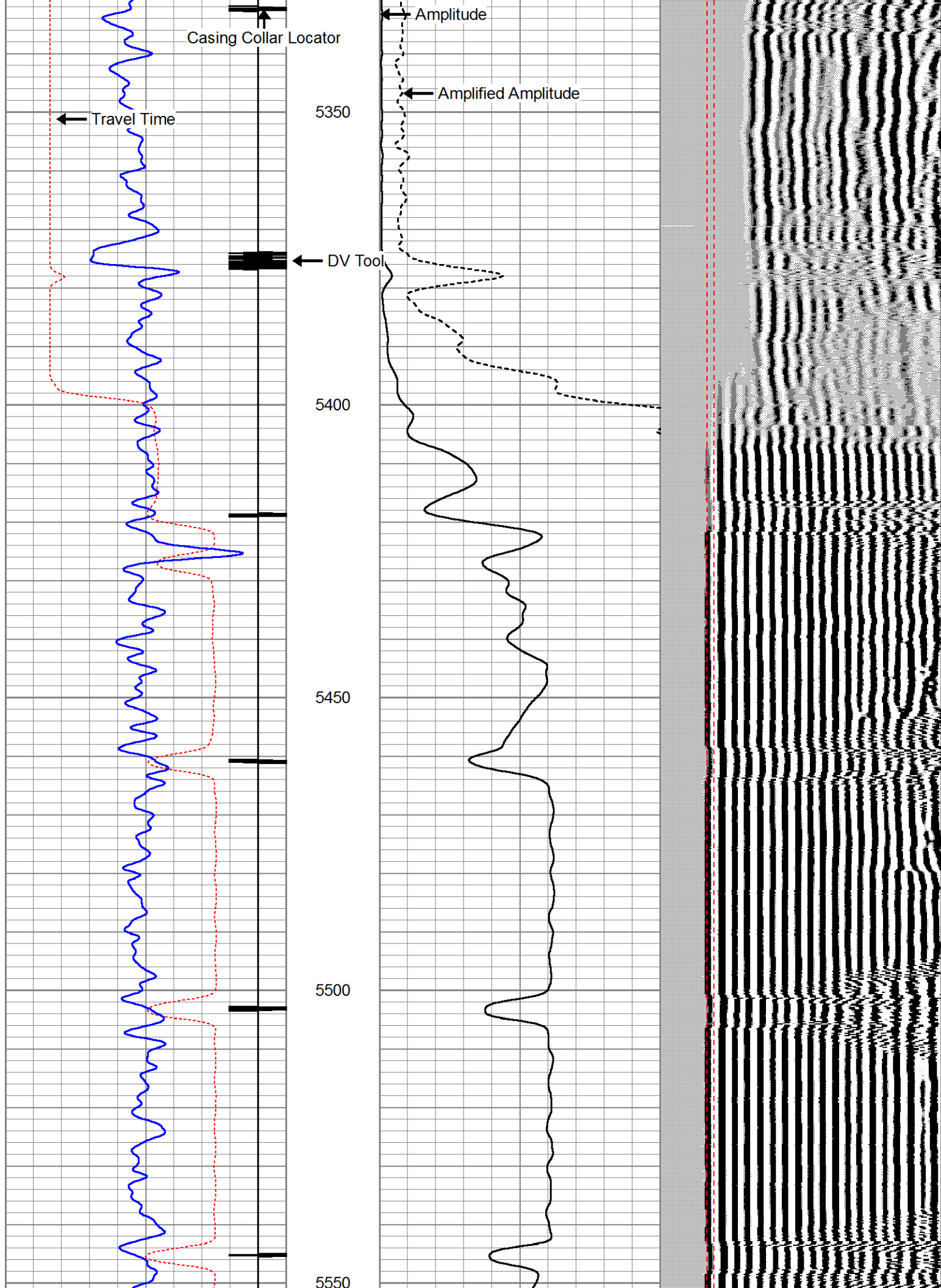
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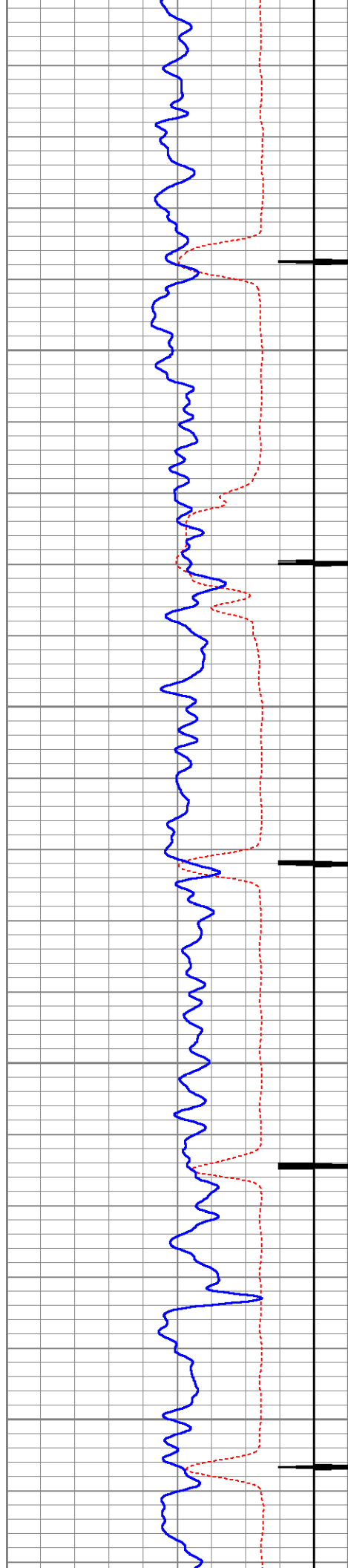
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DV Tool

Amplitude

Amplified Amplitude



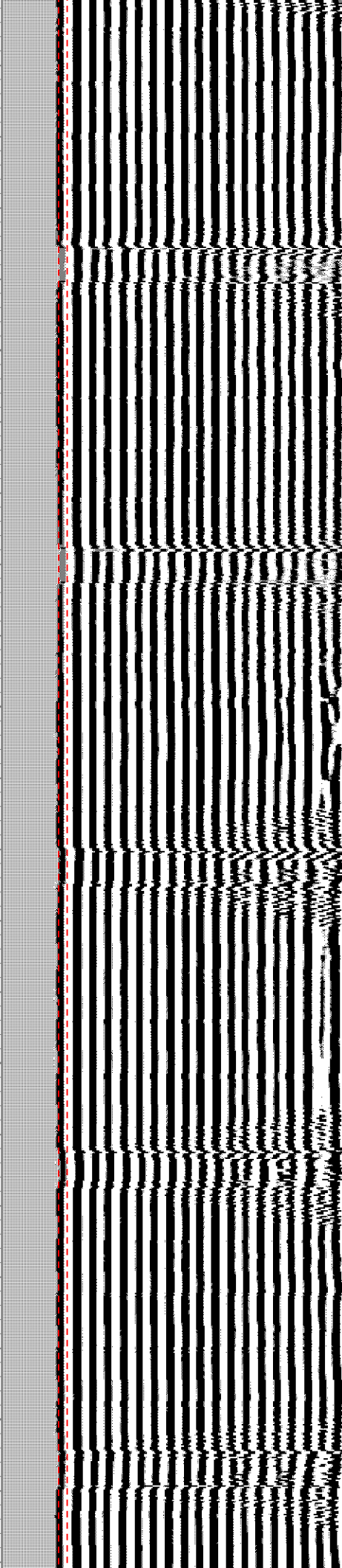
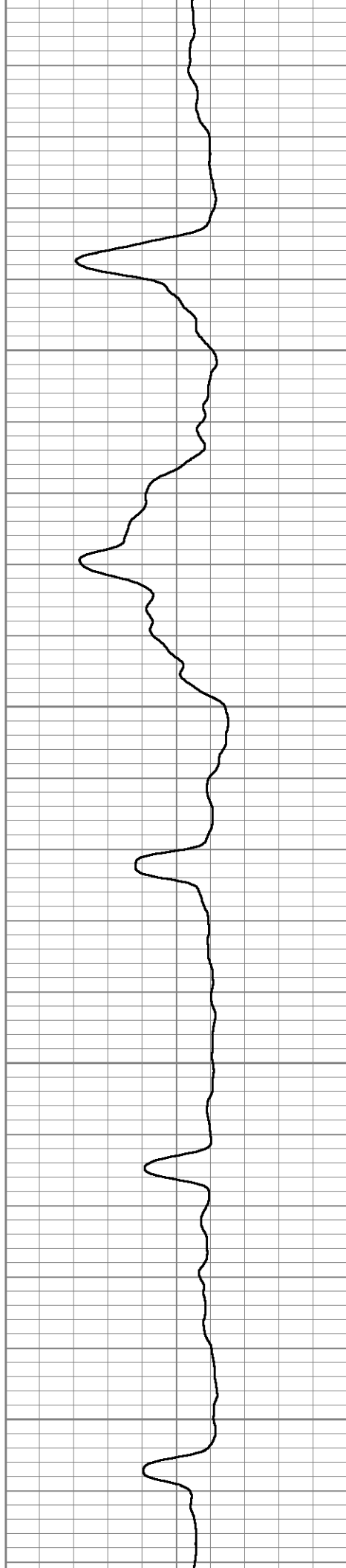


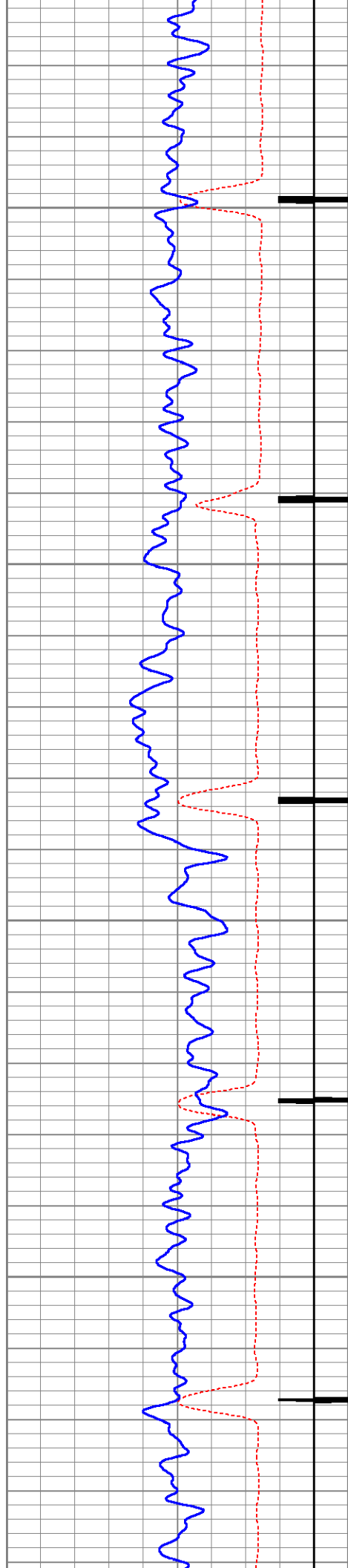
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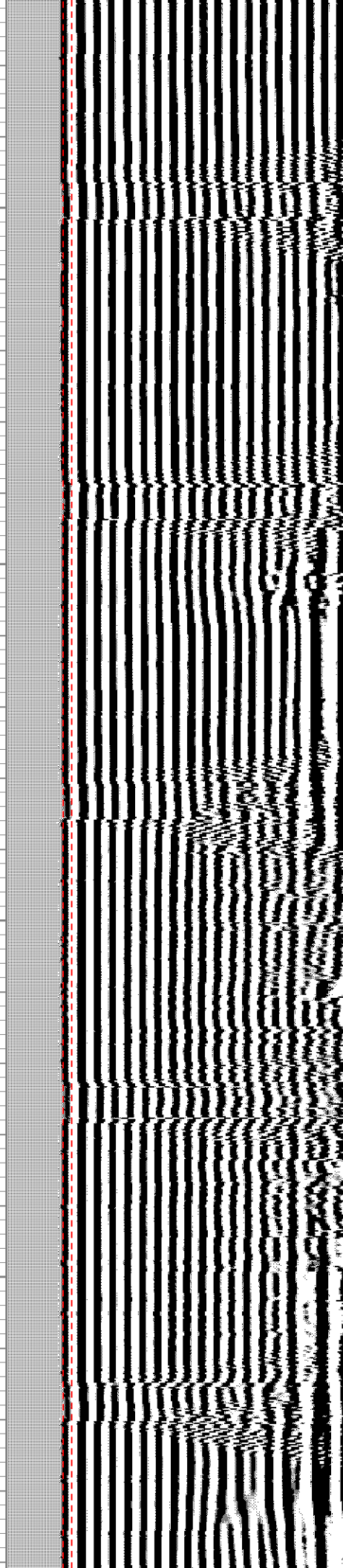
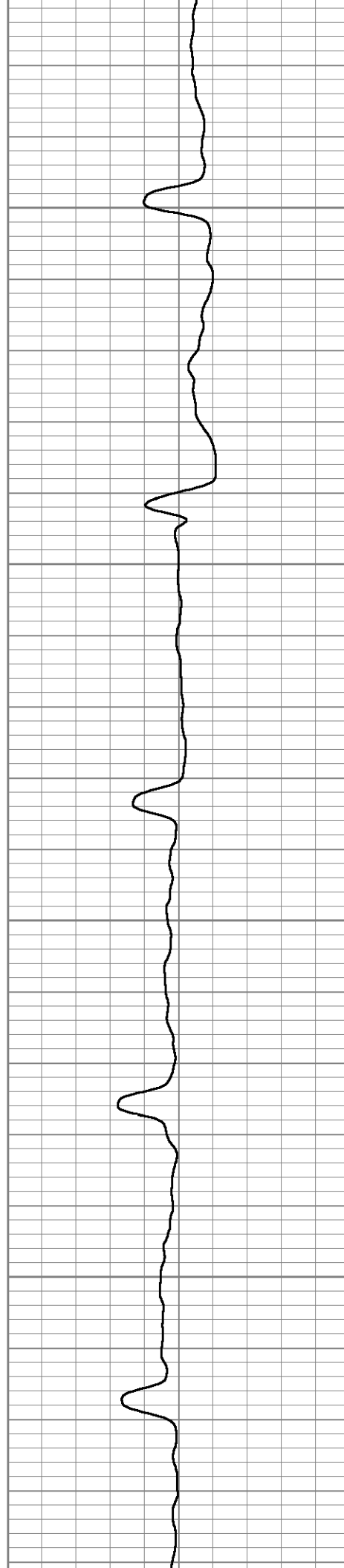


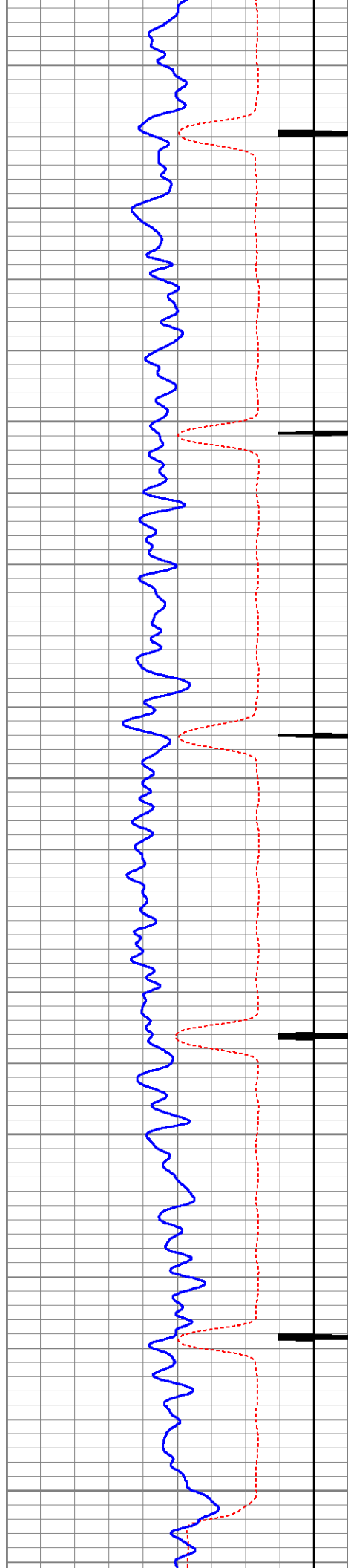
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5950





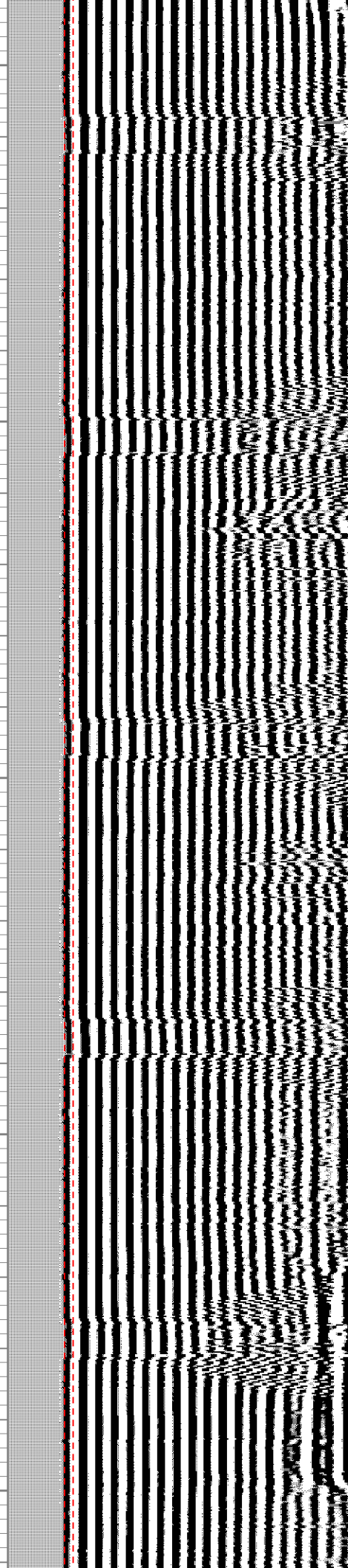
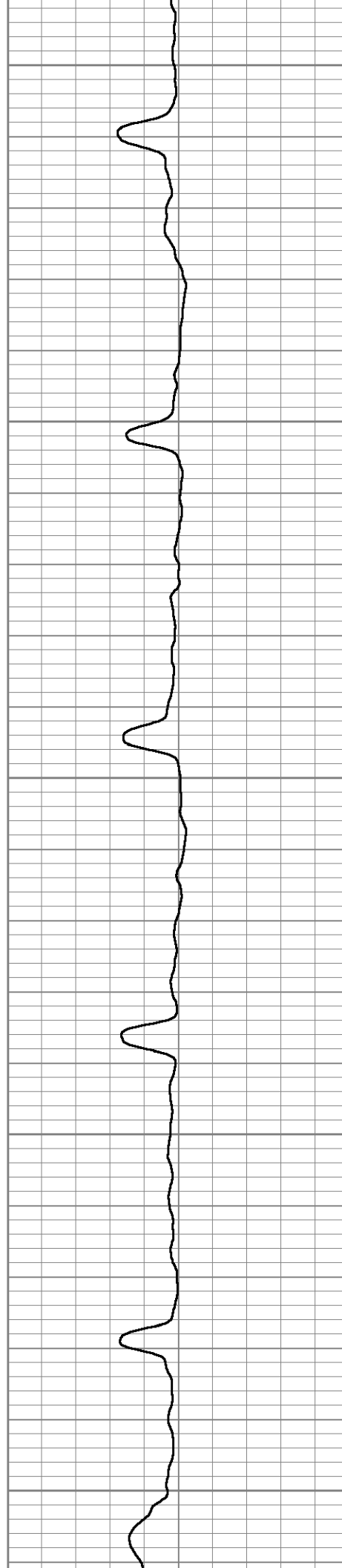
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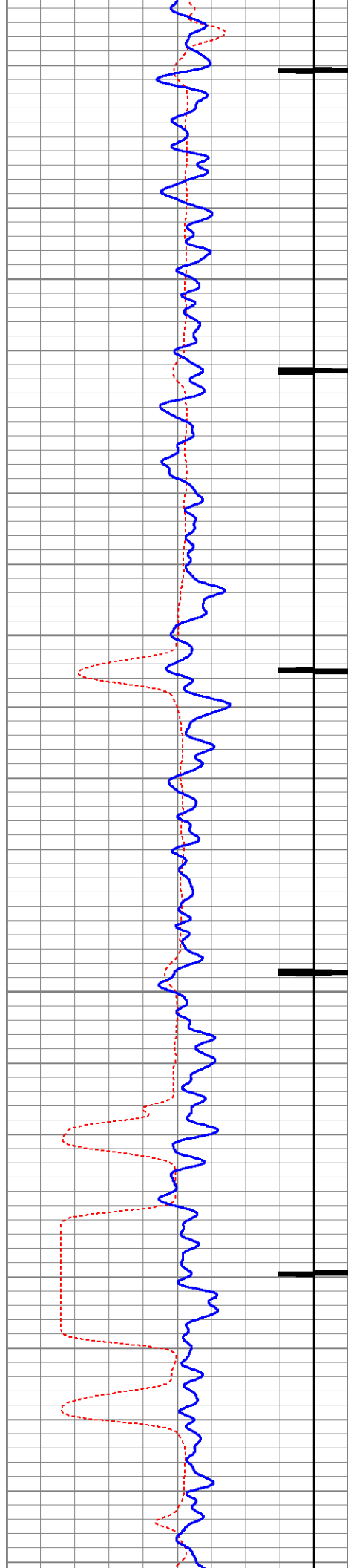
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6200



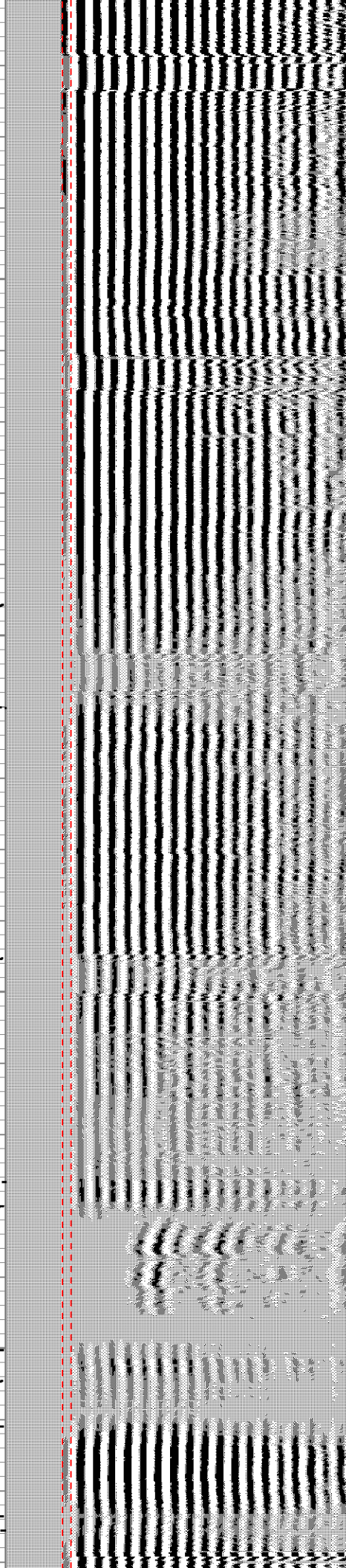
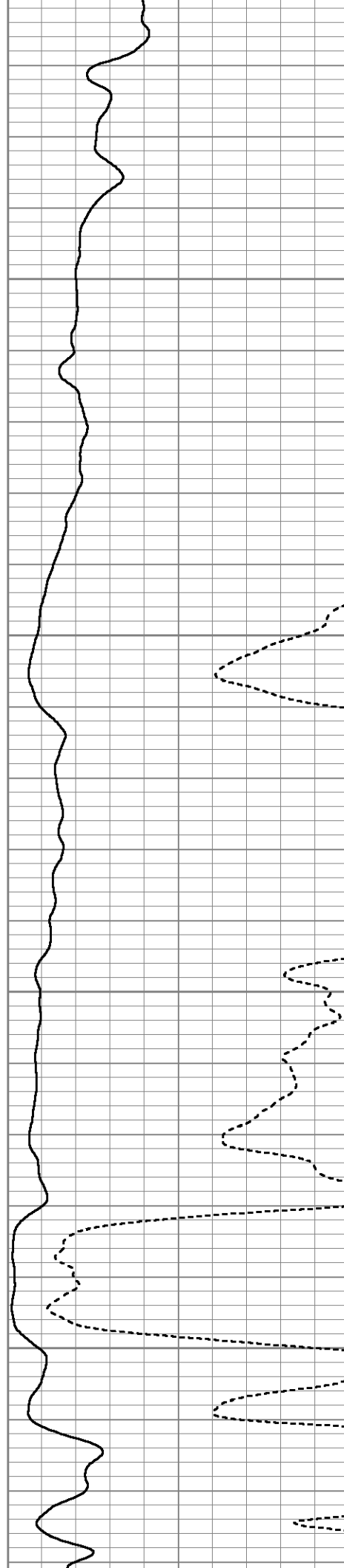


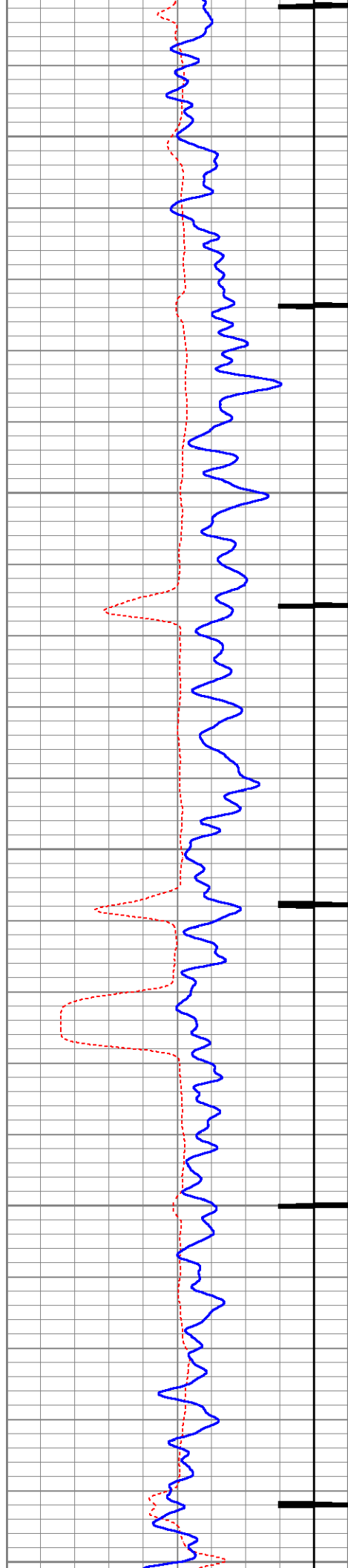
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6300

6350

6400





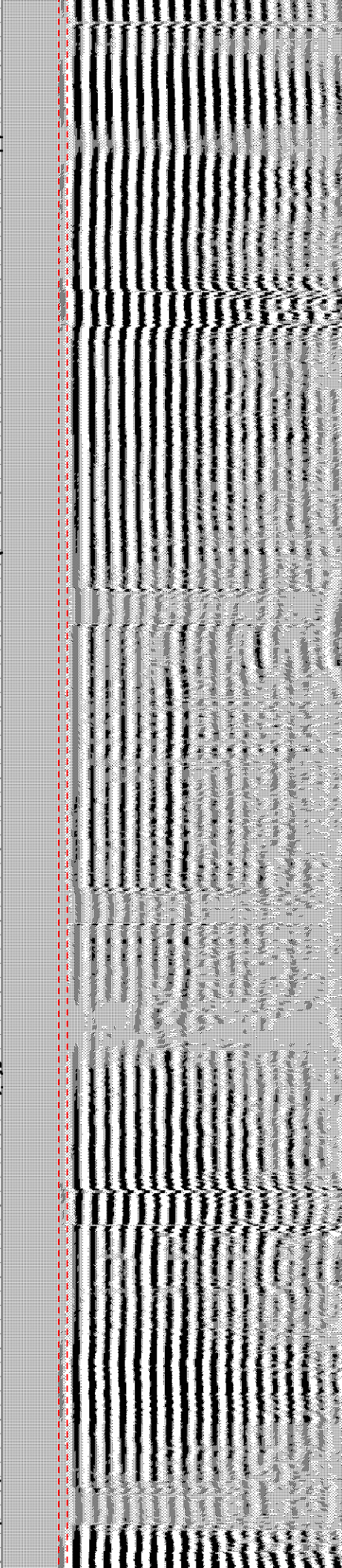
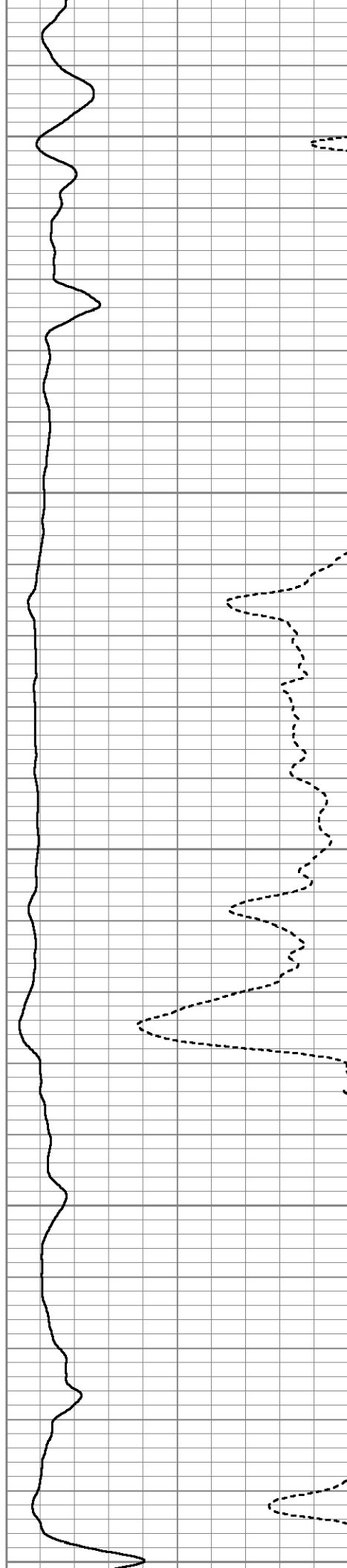
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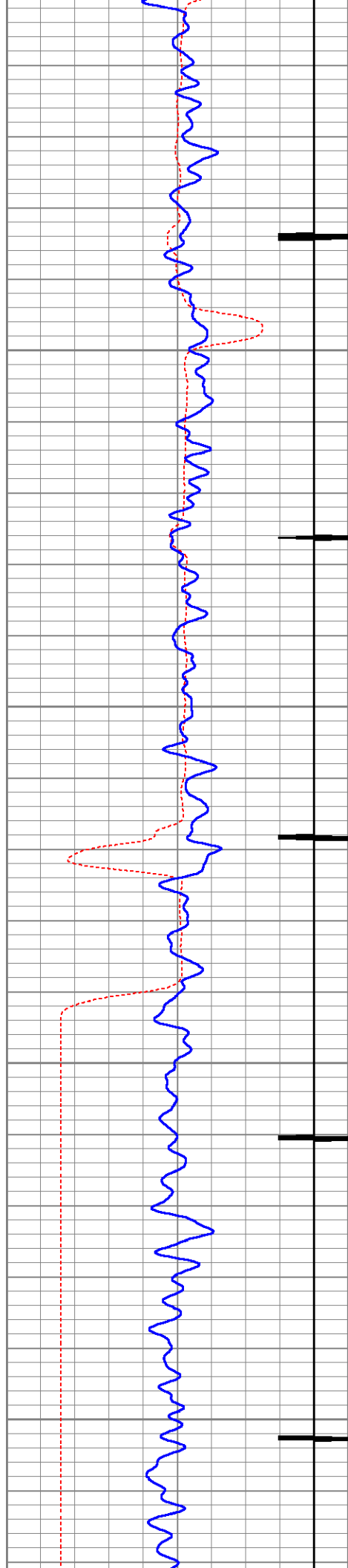
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6550

6600

6650



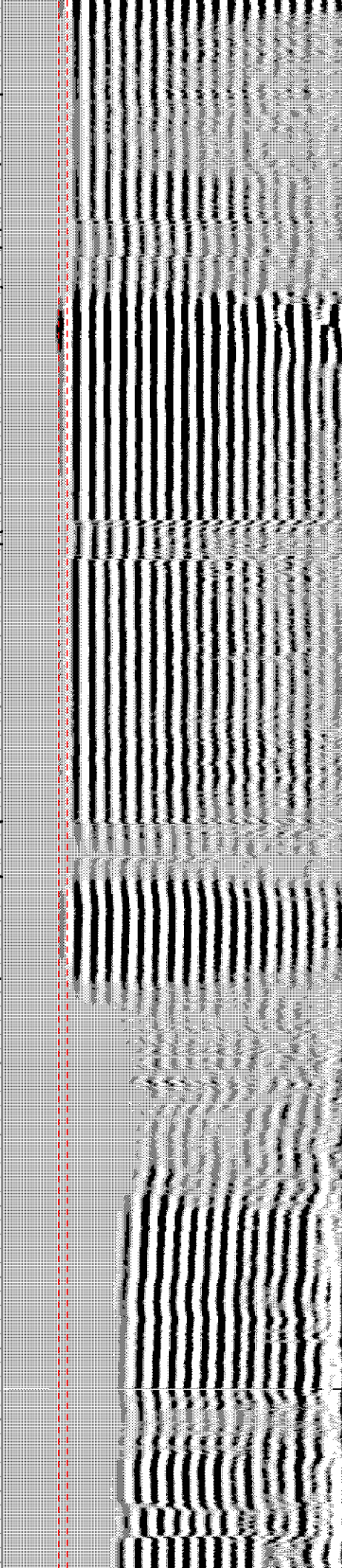
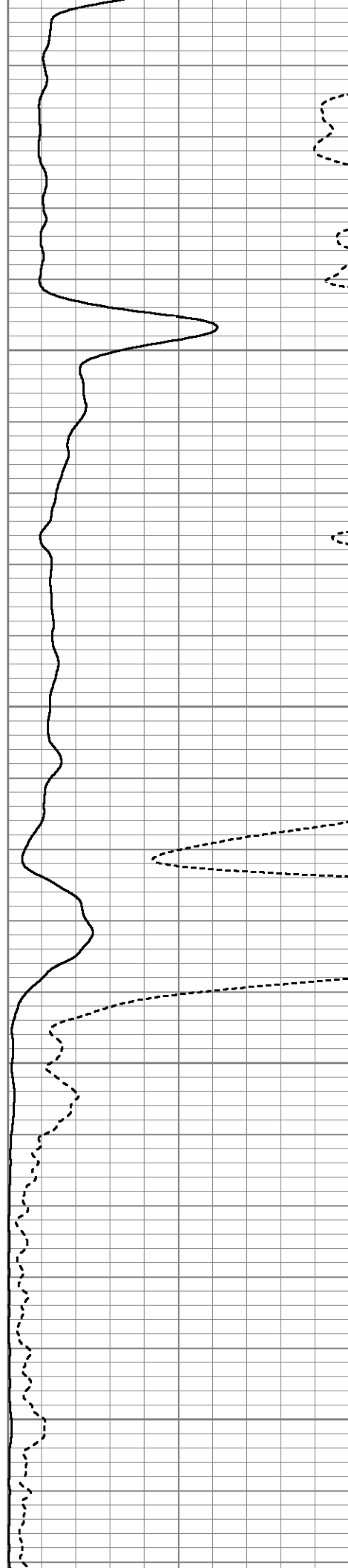


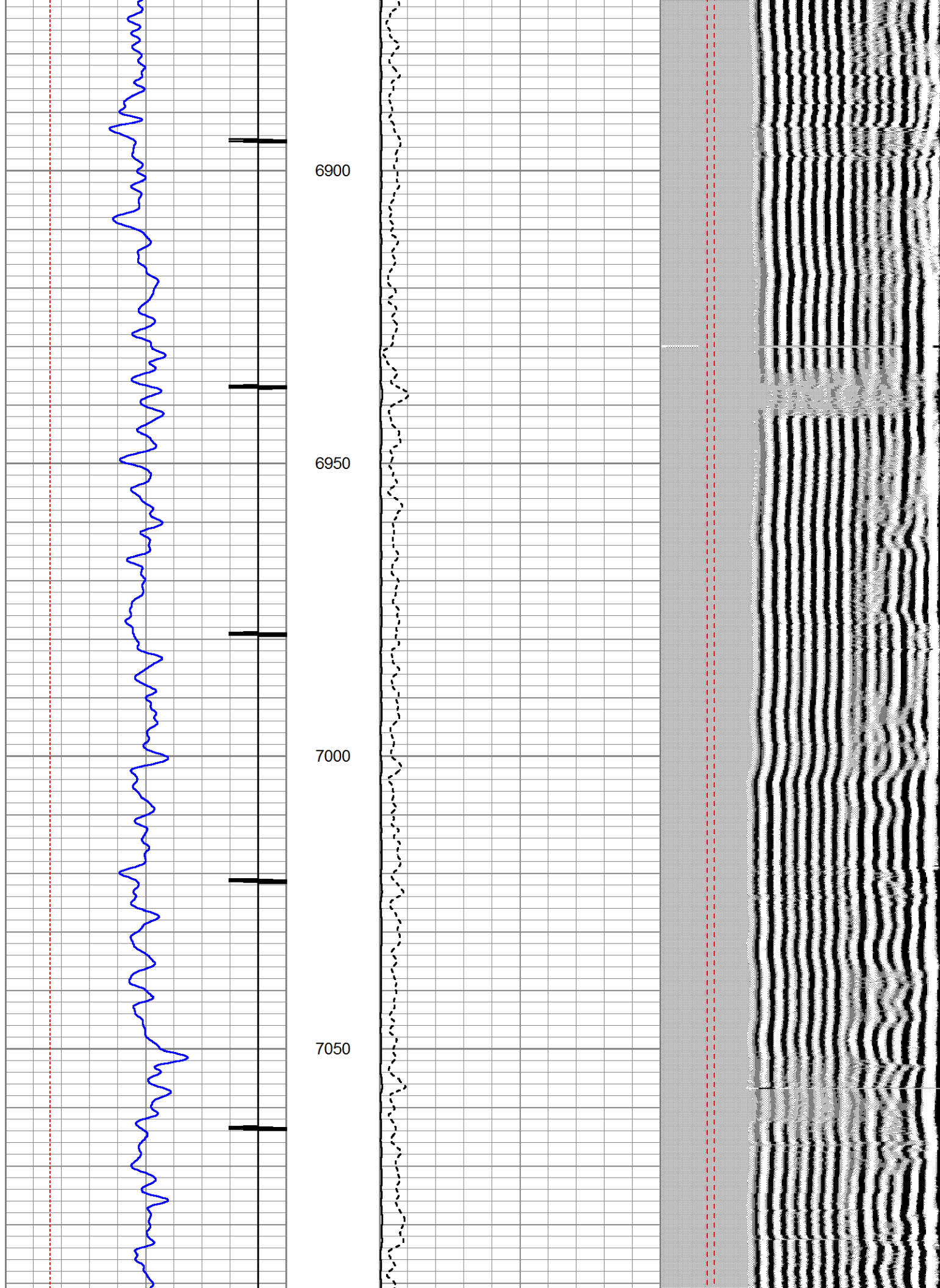
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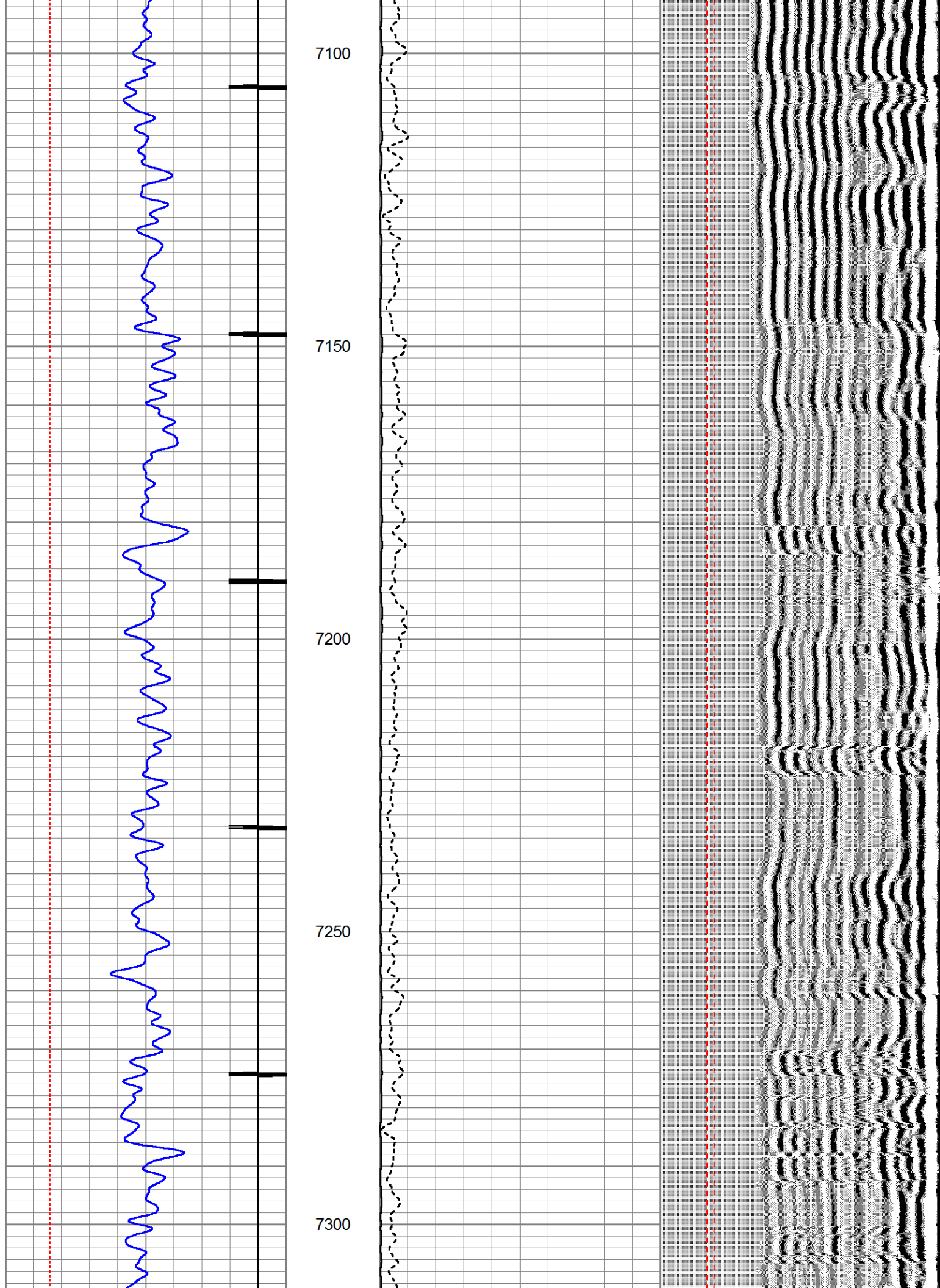
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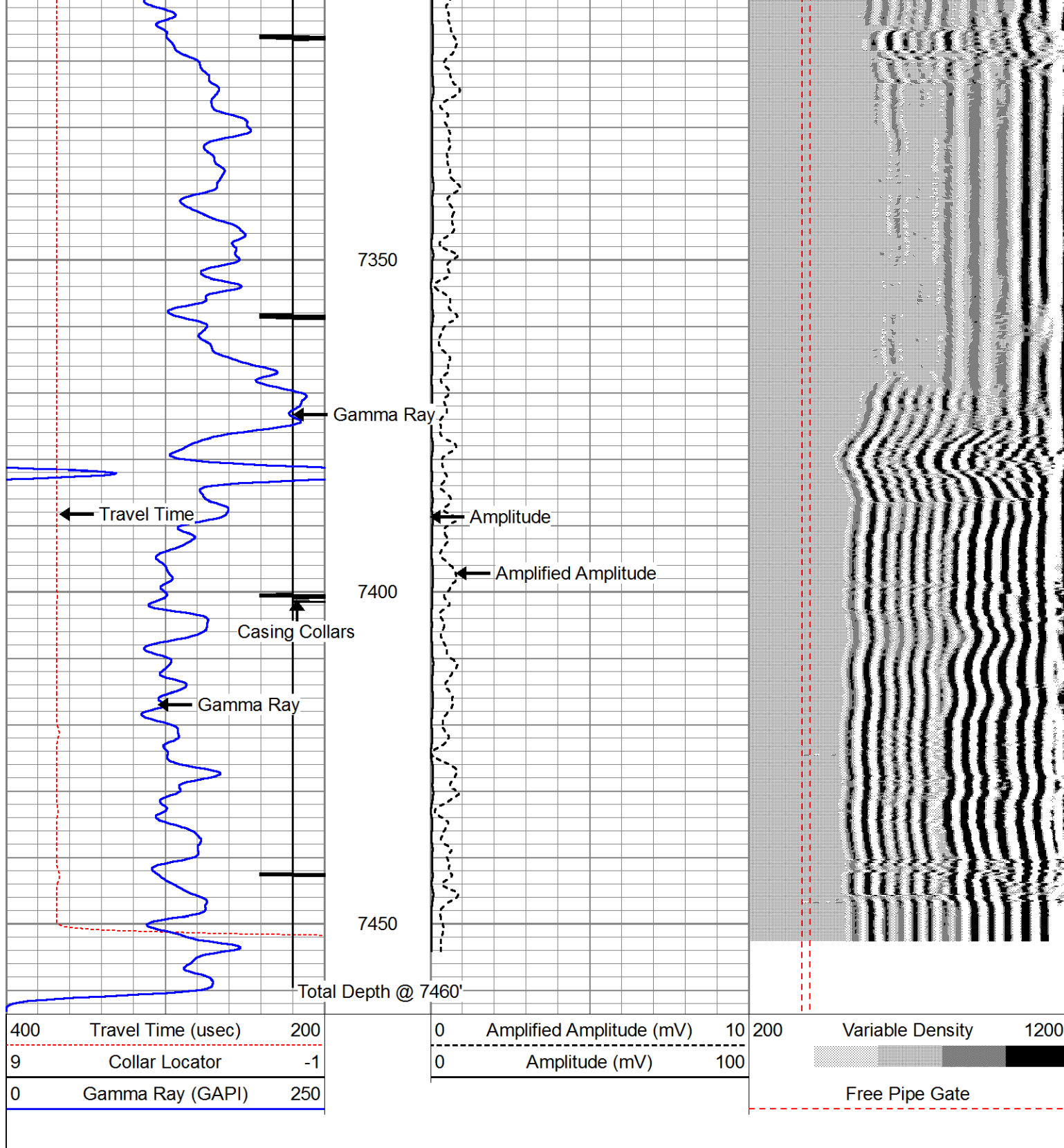
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6850







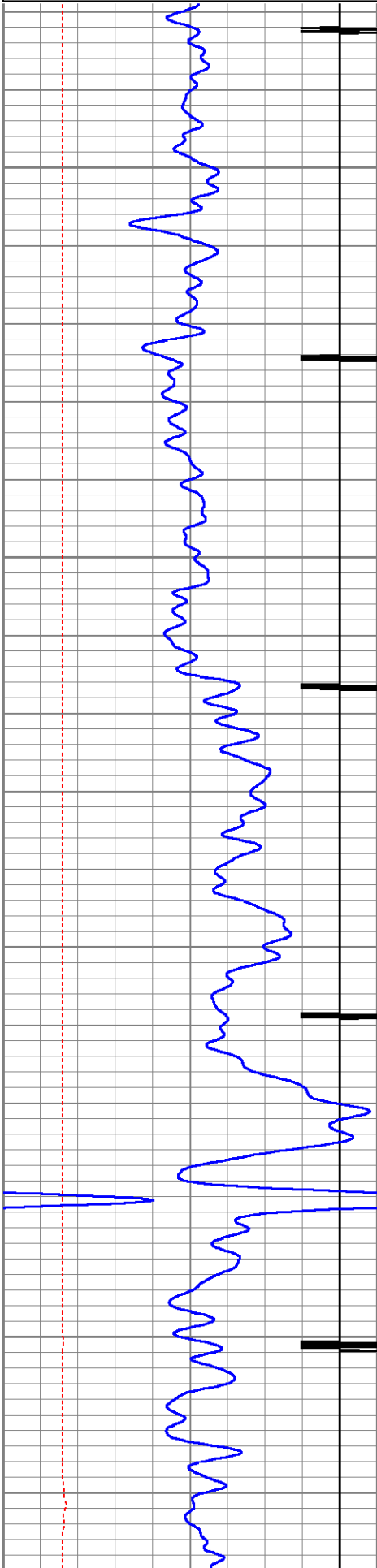
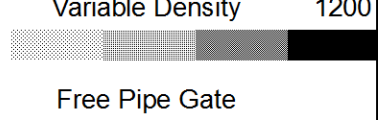


Repeat Pass @ 0 PSI

Database File: encana wooley 12-7.db
 Dataset Pathname: pass18.1
 Presentation Format: cbl_dr
 Dataset Creation: Tue Aug 25 17:43:39 2015 by Calc 7.0 B1
 Charted by: Depth in Feet scaled 1:240

400	Travel Time (usec)	200
9	Collar Locator	-1
0	Gamma Ray (GAPI)	250

0	Amplified Amplitude (mV)	10	200
0	Amplitude (mV)	100	

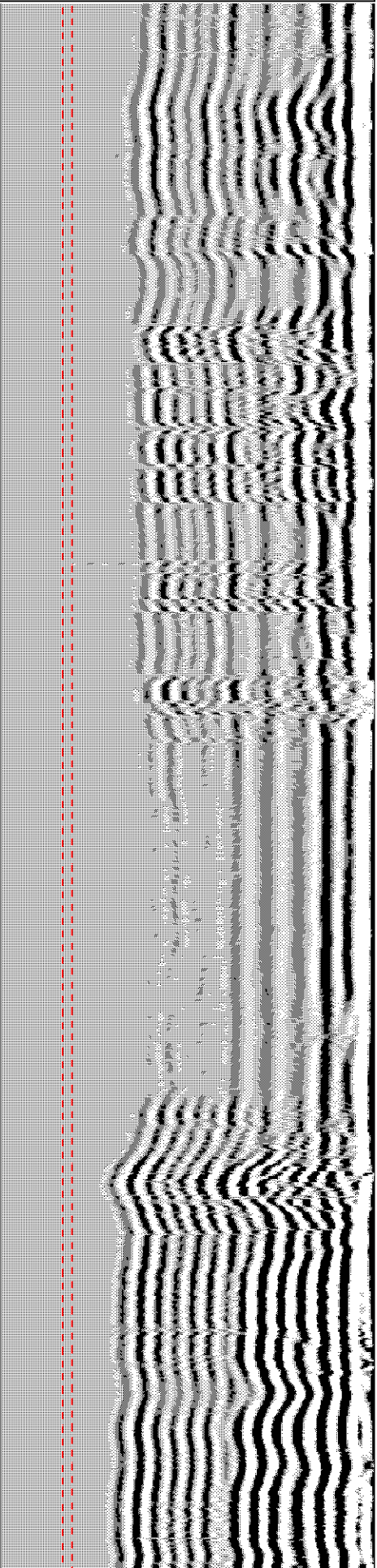
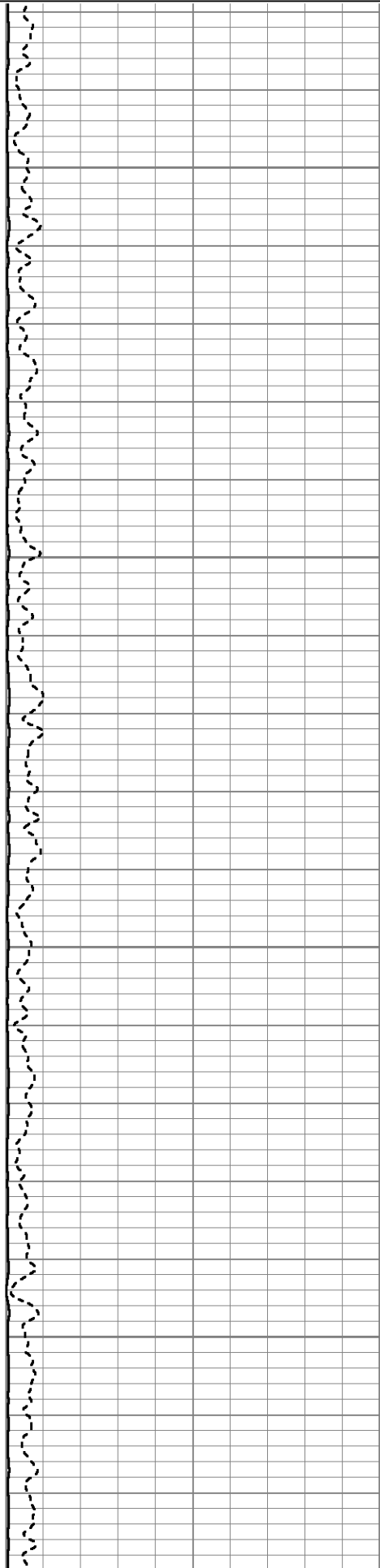


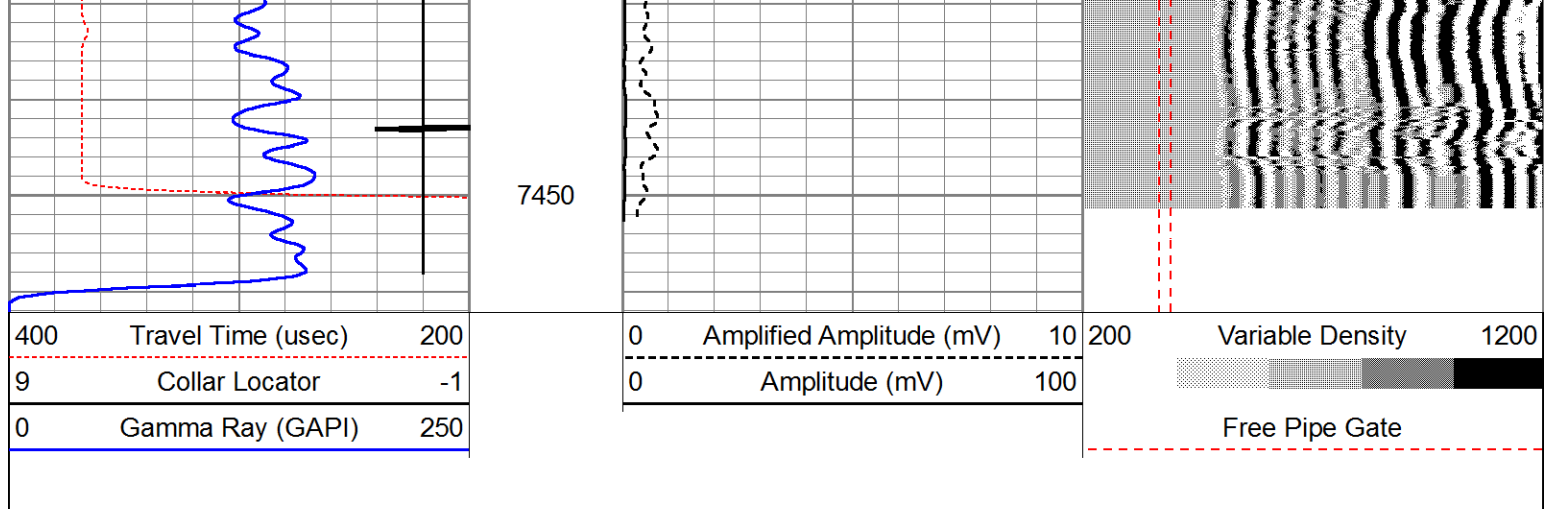
7250

7300


7350


7400





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.6875CHD 1 11/16" Cable Head	1.00	1.69	10.00
			PTS275	2.83	2.75	
WVF3	11.80		CBL-Probe (275) Probe 2.75" Dual Receiver Bond	8.92	2.75	60.00
WVF5	10.80					
			PTS275	2.83	2.75	

CCL	3.88		GR-Probe275dig (PRO071130) Probe Digital Gamma CCL	4.78	2.75	57.00
DCCL	3.88					
GR	2.54					
Dataset: encana wooley 12-7.db: field/well/run1/pass19.1 Total Length: 20.37 ft Total Weight: 127.00 lb O.D. 2.75 in						

	Company	EnCana Oil And Gas
	Well	Wooley 12-7
	Field	Wattenberg
	County	Weld
	State	Colorado