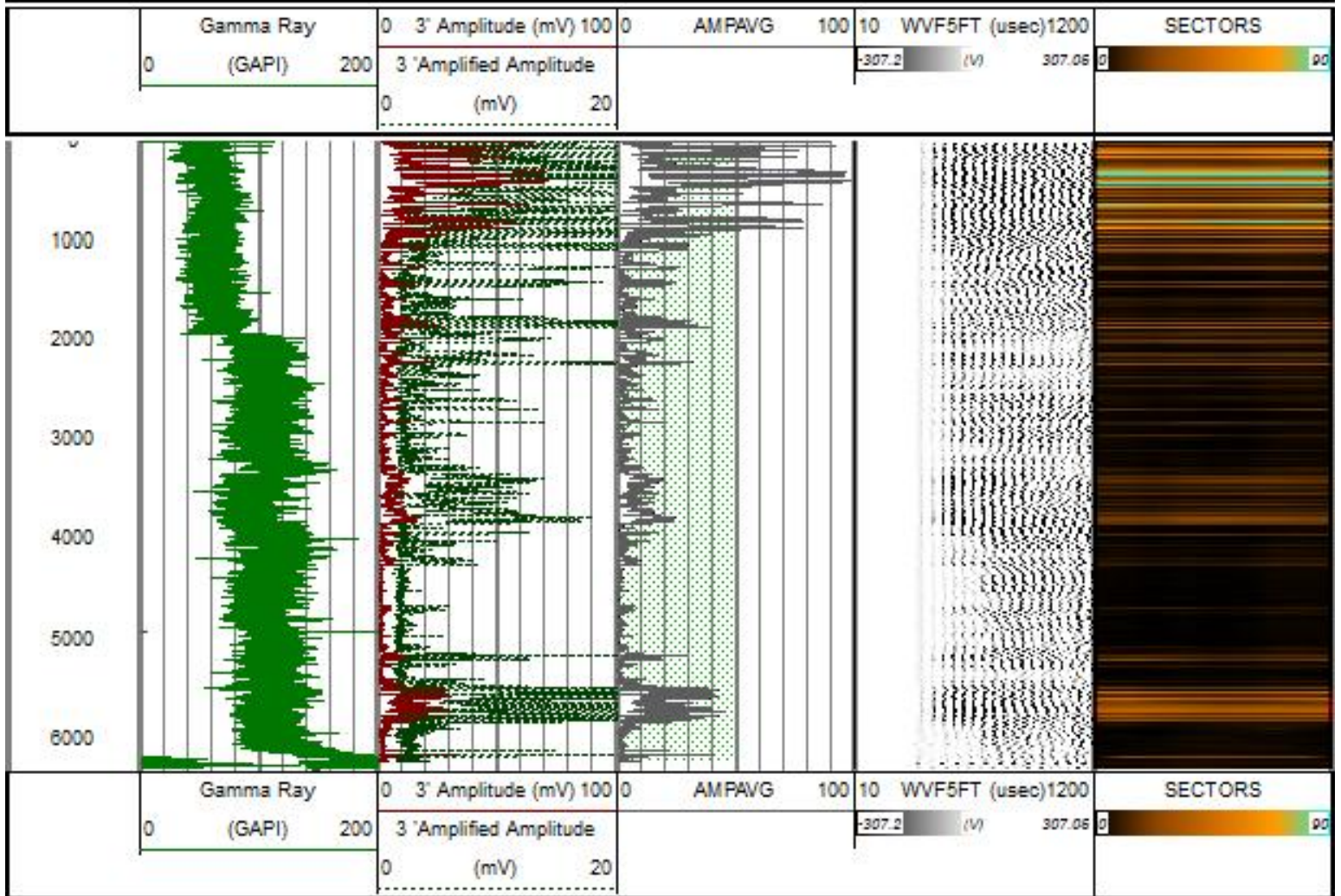



Database File mallard_blue_tea1_frd_15_3_5hn.db
 Dataset Pathname MAIN.1INCH
 Presentation Format rbl_1inch_2020
 Dataset Creation Thu Feb 25 08:23:28 2021
 Charted by Depth in Feet scaled 1:20000



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)	
Error_Ct	21.83		CCL-Tecko (2.75CCL) 2.75 logging coll	1.67	2.75	20.00	
CCL	20.83		CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00	
RadiiHeadVolt	17.33						
WVFS8	12.82		RBT-Probe275C (2.75C_base) 2.75" Radial Bore Tool	8.75	2.75	90.00	

WVFS7	12.82				
WVFS6	12.82				
WVFS5	12.82				
WVFS4	12.82				
WVFS3	12.82				
WVFS2	12.82				
WVFS1	12.82				
WVFCAL	12.82				
WVF3FT	12.82				
WVF5FT	11.82				
			CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75
GCT_Temp	4.94				
GR	4.07	GC-GCT275-00SA (GCT275-00SA_base) Probe 2.75" Gamma Ray w/ Temp	4.06	2.75	46.00
TTD_TEMP	0.18	TEMP-T1375-0001 (T1375-0001_Base) T1375-0001	1.68	1.38	6.00

Dataset: mallard_blue_teal_frd_15_3_5hn.db: field/well/run1/MAIN
 Total length: 21.83 ft
 Total weight: 210.00 lb
 O.D.: 2.75 in

Calibration Report

Database File: mallard_blue_teal_frd_15_3_5hn.db
 Dataset Pathname: MAIN
 Dataset Creation: Thu Feb 25 08:21:08 2021

Gamma Ray Calibration Report

Serial Number: GCT275-00SA_base
 Tool Model: GCT275-00SA
 Performed: (Not Performed)

Calibrator Value: 1.0 GAPI
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 2.75C_base
 Tool Model: Probe275C

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 338.092 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.030	0.752	1.000	72.000	98.360	-1.934
CAL	0.004	1.034				
5'	-0.002	0.649	1.000	72.000	109.013	1.233
SUM						
S1	0.019	0.757	0.000	100.000	135.621	-2.630
S2	0.026	0.789	0.000	100.000	131.067	-3.401
S3	0.031	0.815	0.000	100.000	127.640	-3.990
S4	0.025	0.791	0.000	100.000	130.508	-3.290
S5	0.032	0.760	0.000	100.000	137.239	-4.338
S6	0.031	0.740	0.000	100.000	141.023	-4.377
S7	0.021	0.738	0.000	100.000	139.458	-2.906
S8	0.021	0.766	0.000	100.000	134.231	-2.802

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.004	1.034	1.000	0.000

Air Zero Calibration, performed Wed Feb 24 07:28:35 2021:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Gain	Offset
3'	0.000		0.000			0.000
5'	0.000		0.000			0.000
SUM						
S1	0.000		0.000			0.000
S2	0.000		0.000			0.000
S3	0.000		0.000			0.000
S4	0.000		0.000			0.000
S5	0.000		0.000			0.000
S6	0.000		0.000			0.000
S7	0.000		0.000			0.000
S8	0.000		0.000			0.000



MAIN PASS

0 PSI ON WELL WHILE LOGGING

Database File: mallard_blue_teal_frd_15_3_5hn.db
 Dataset Pathname: MAIN
 Presentation Format: rbl_all_8_2020
 Dataset Creation: Thu Feb 25 08:21:08 2021
 Charted by: Depth in Feet scaled 1:240

LTEN	3' Travel Time	0 3' Amplitude (mV) 100	0 AMPS1 150	5' Variable Density	1 Sector Map	8
0 (lb) 1000	400 (usec) 200	3' Amplified Amplitude	0 AMPS2 150	10 (usec) 1200		25
LSPD	Casing Collar Locator	0 (mV) 20	0 AMPS3 150	-400.0 (V) 400.4		
(ft/min)	GAMMA RAY		0 AMPS4 150			
500 -500	(GAPI) 150		0 AMPS5 150			

0 CCL 100

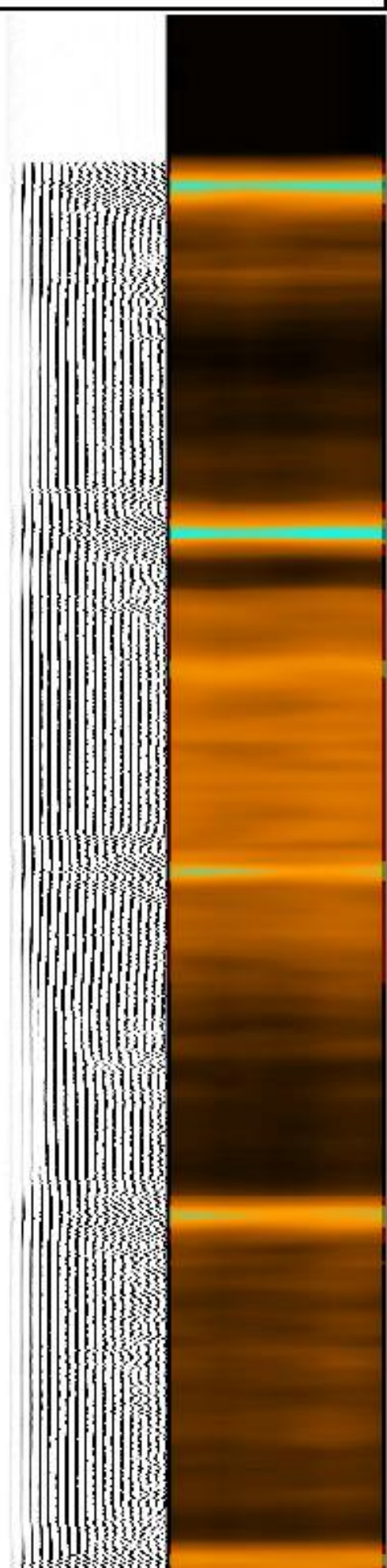
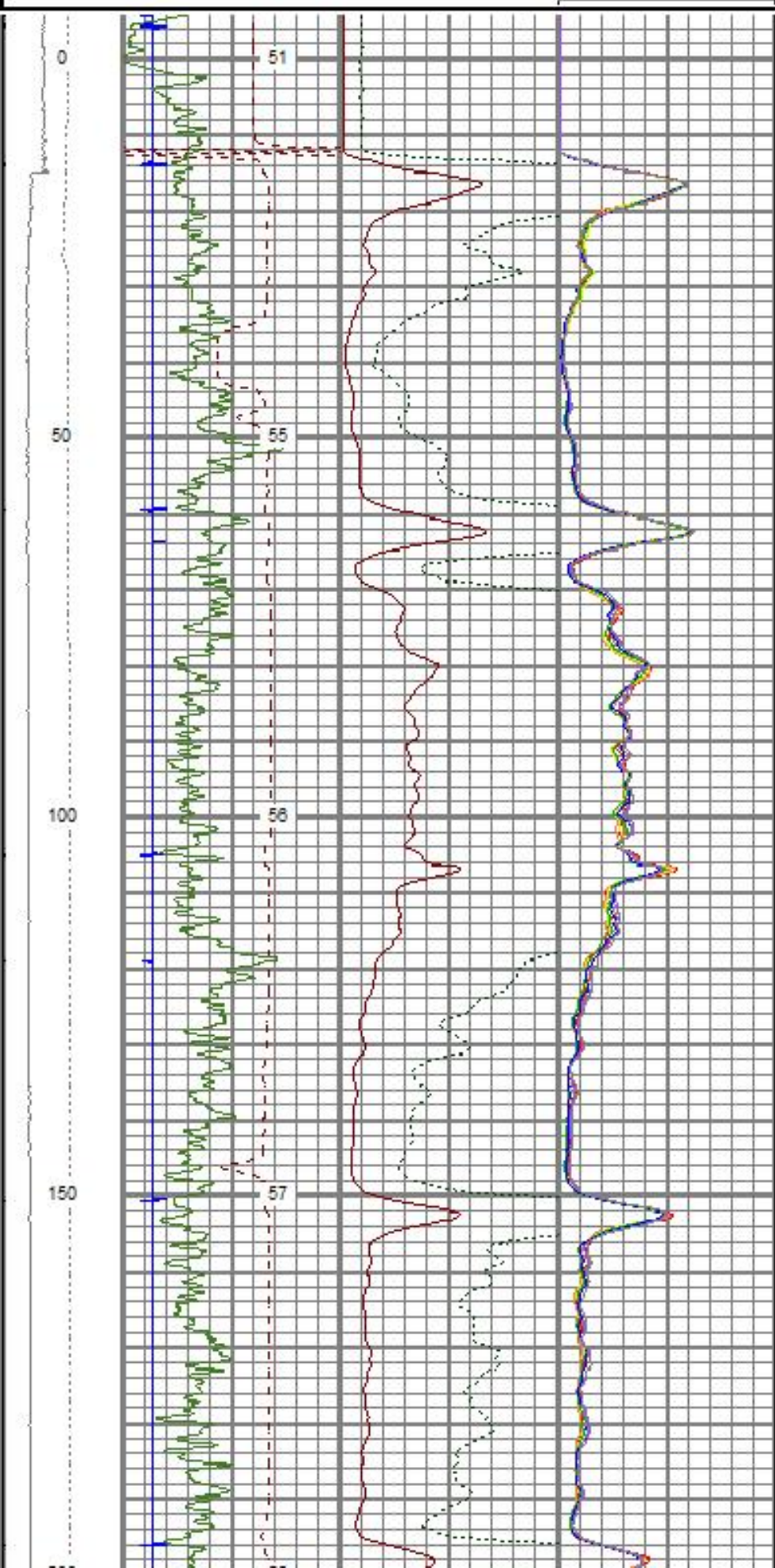
TEMP

(degF)

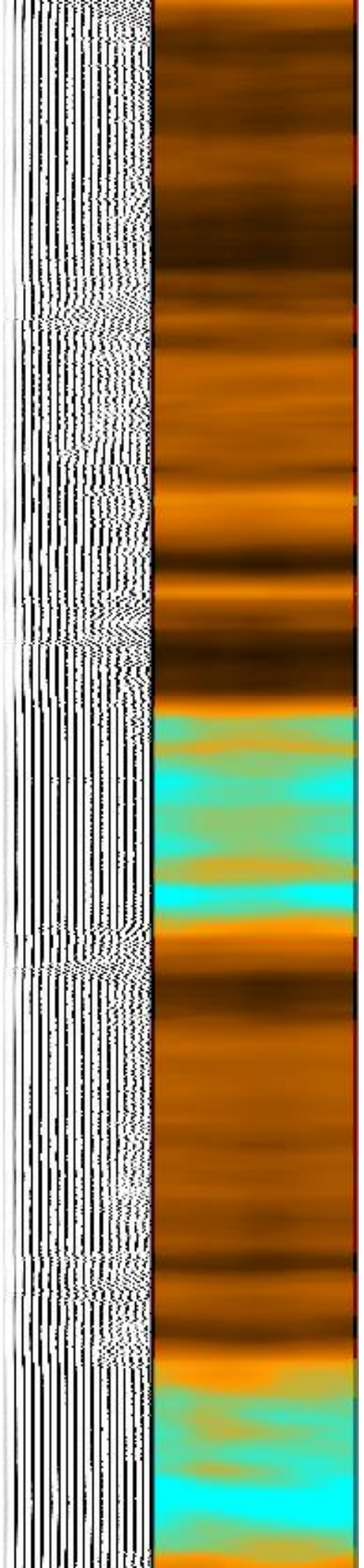
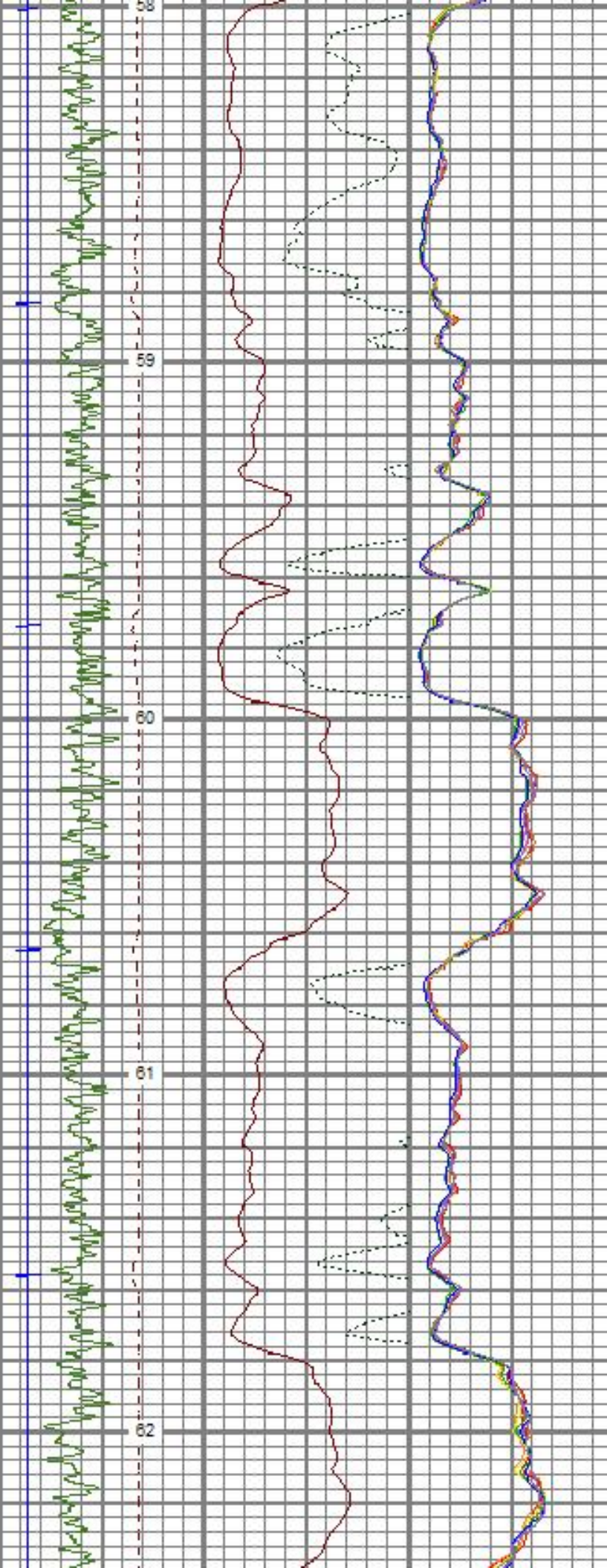
0 AMPS8 150

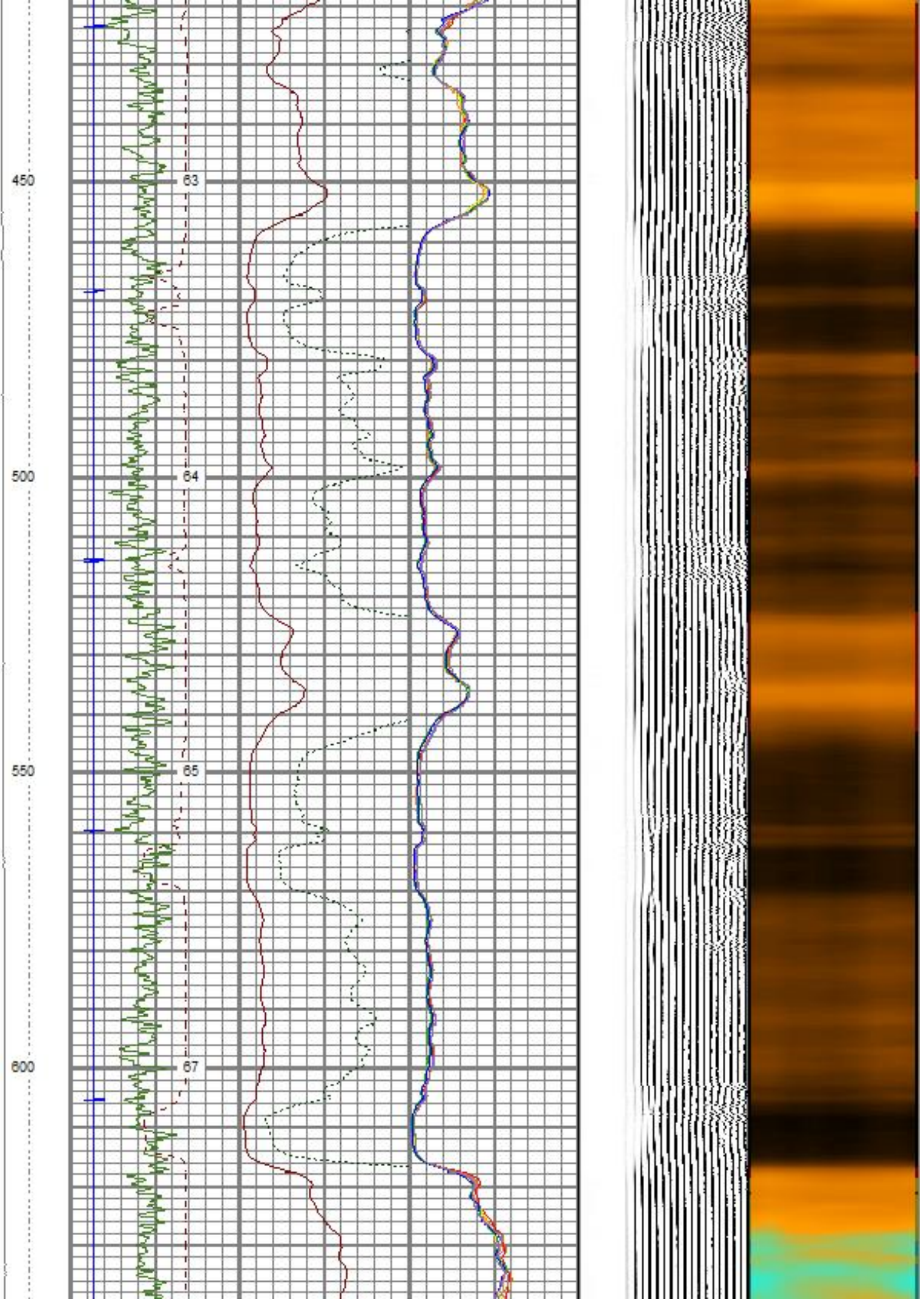
0 AMPS7 150

0 AMPS8 150



200
250
300
350
400





850

68

700

69

750

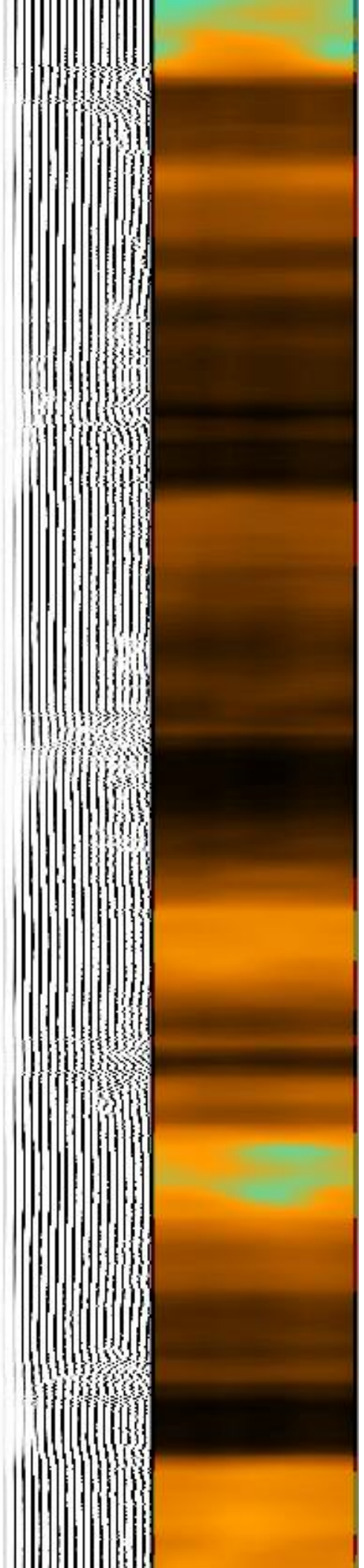
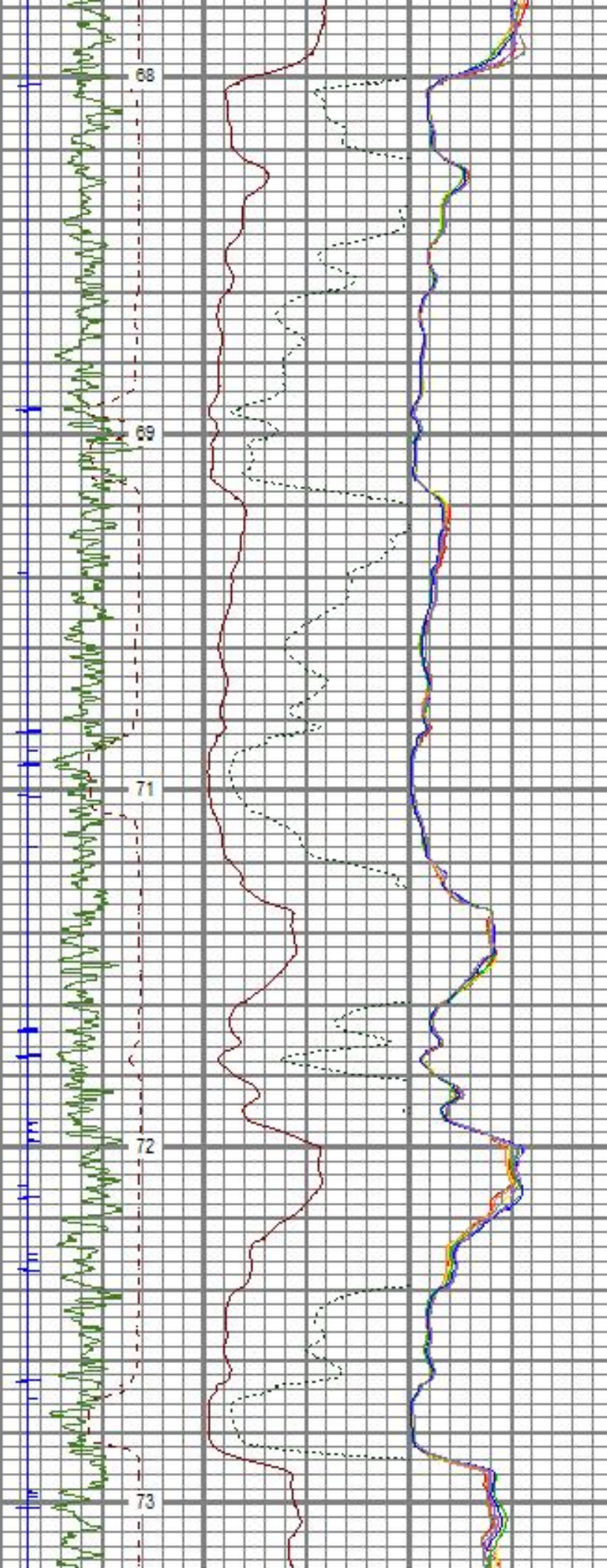
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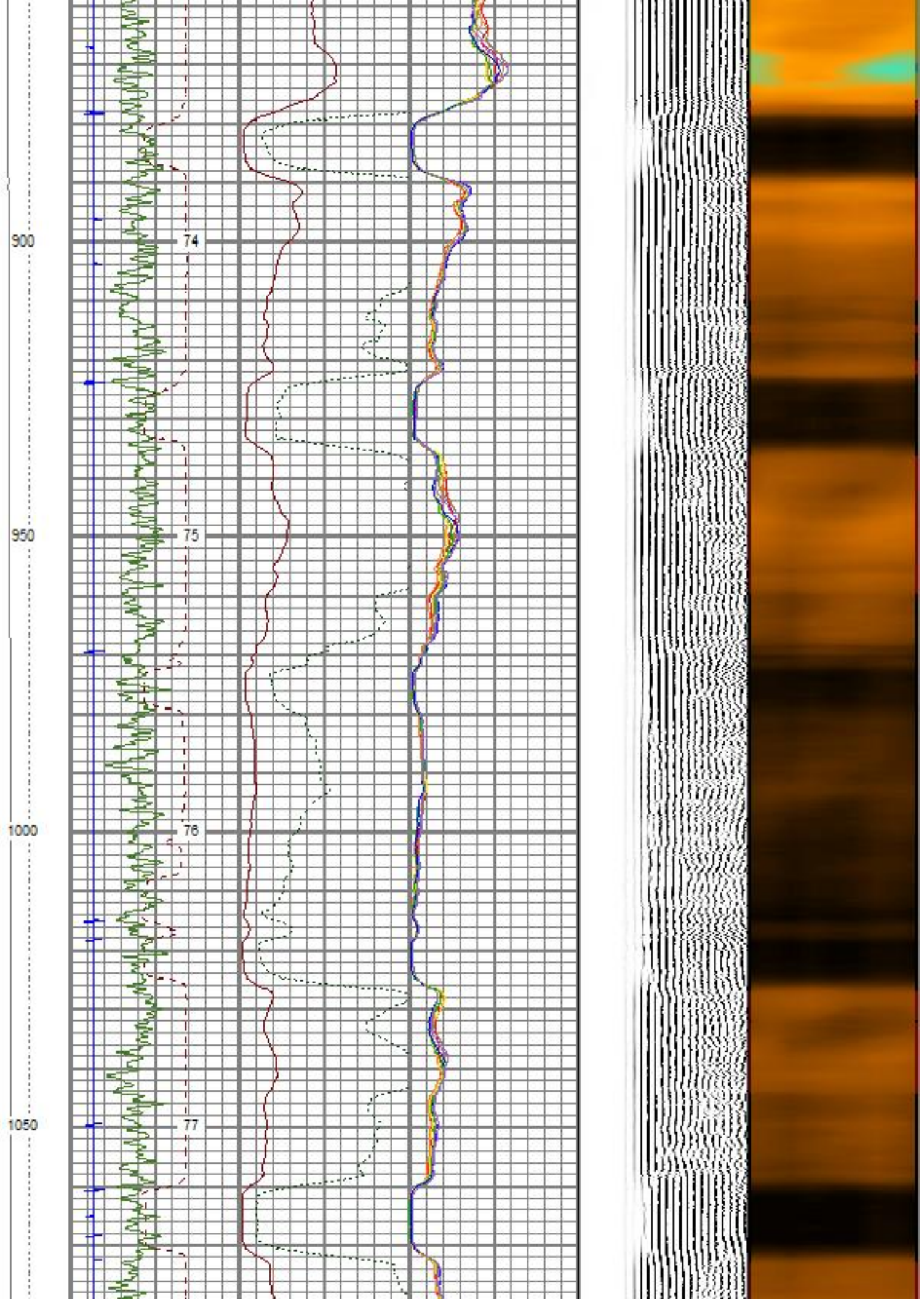
800

72

850

73



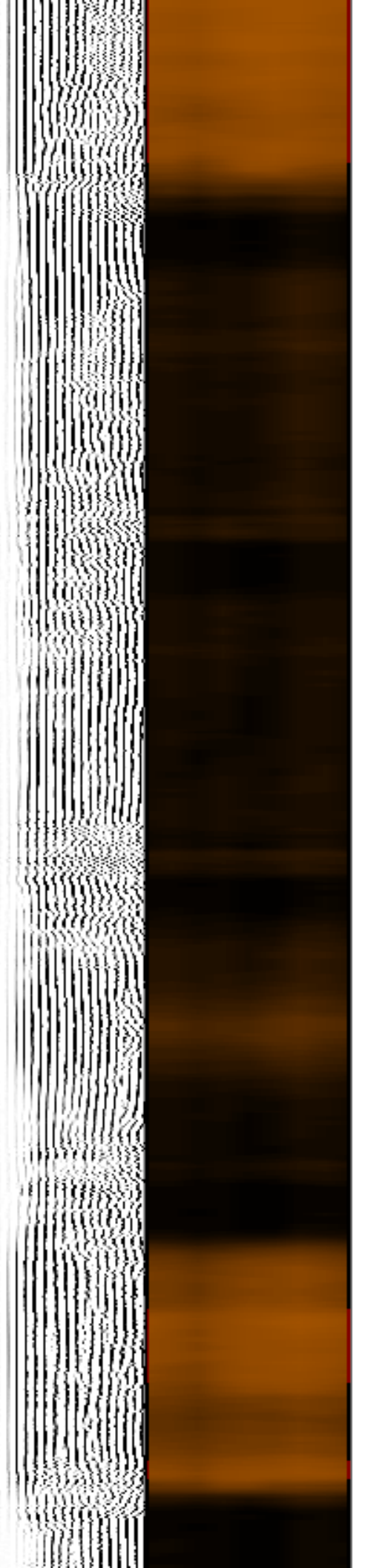
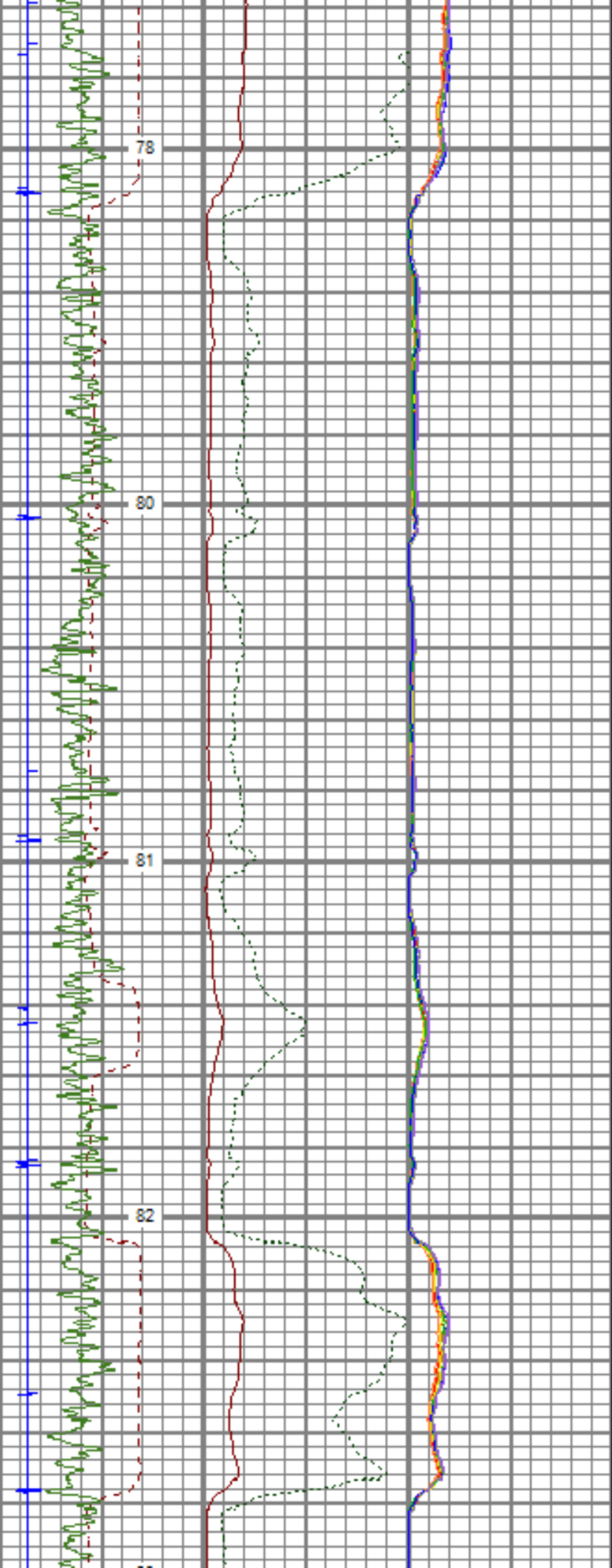


1100

1150

1200

1250



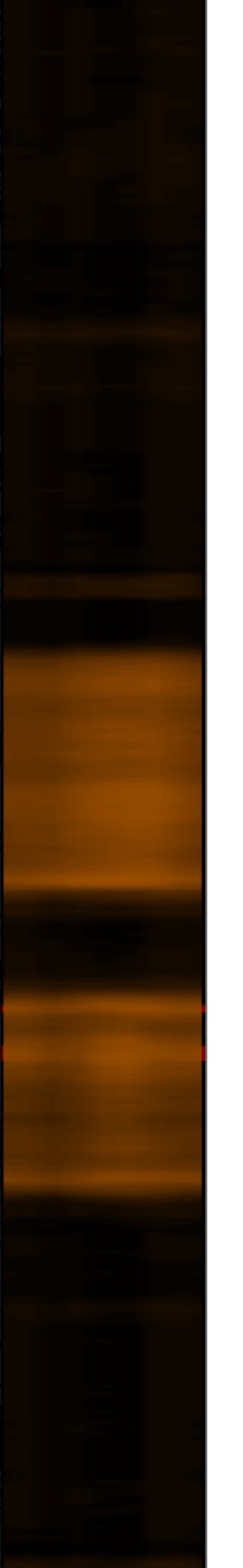
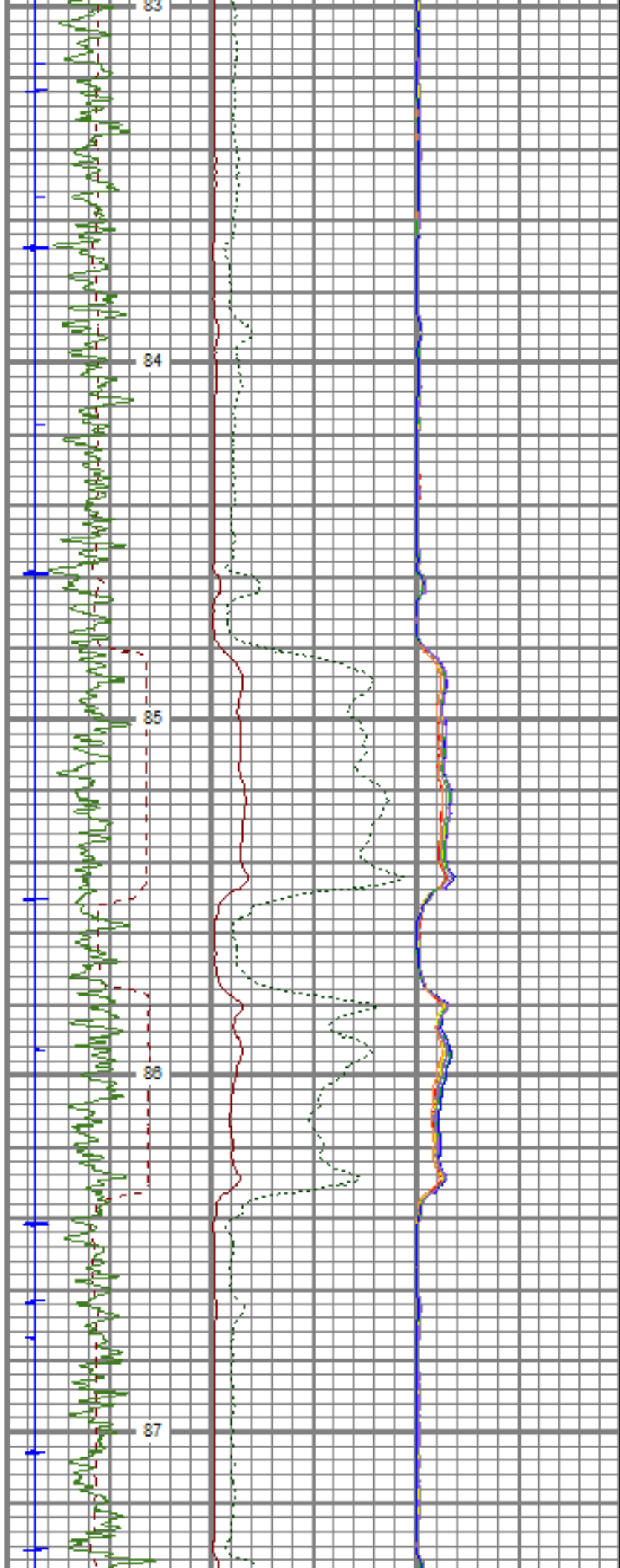
1300

1350

1400

1450

1500



1550

89

1600

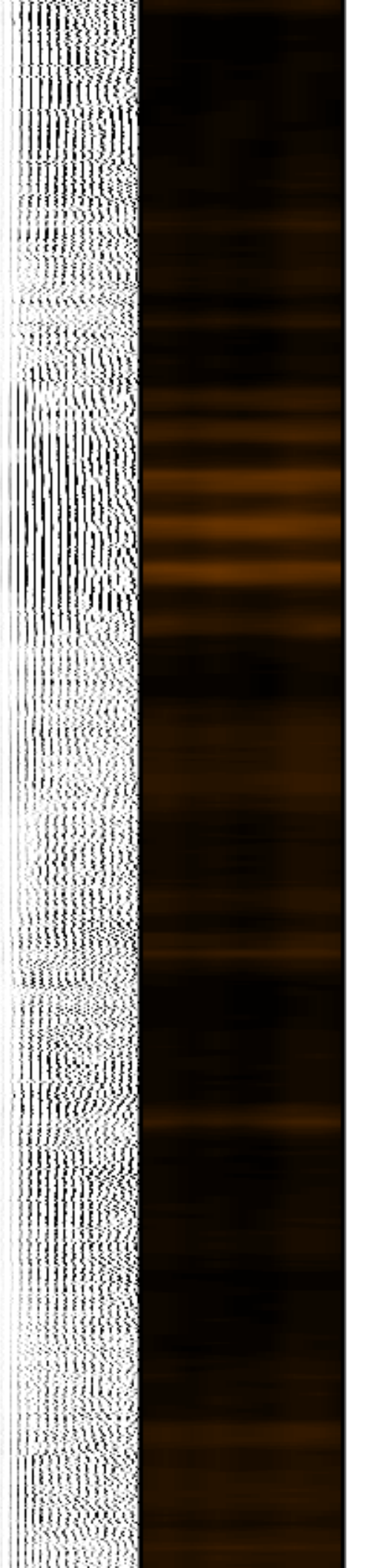
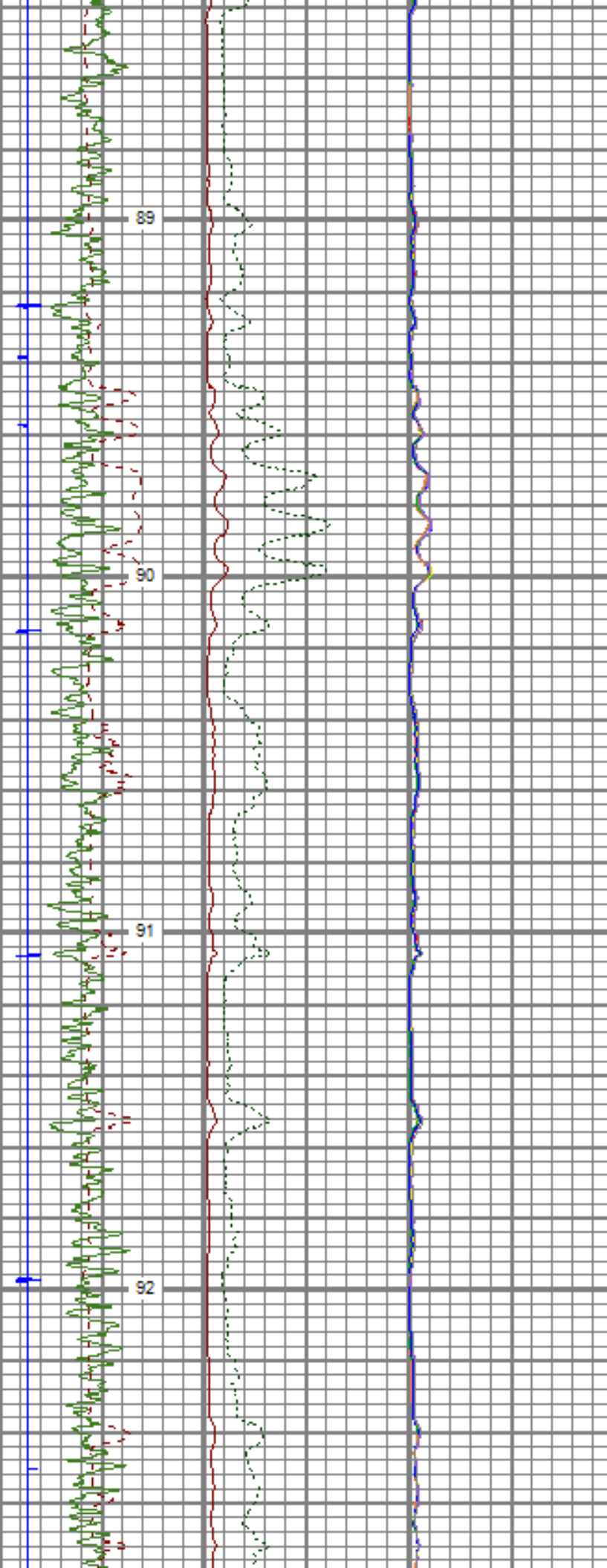
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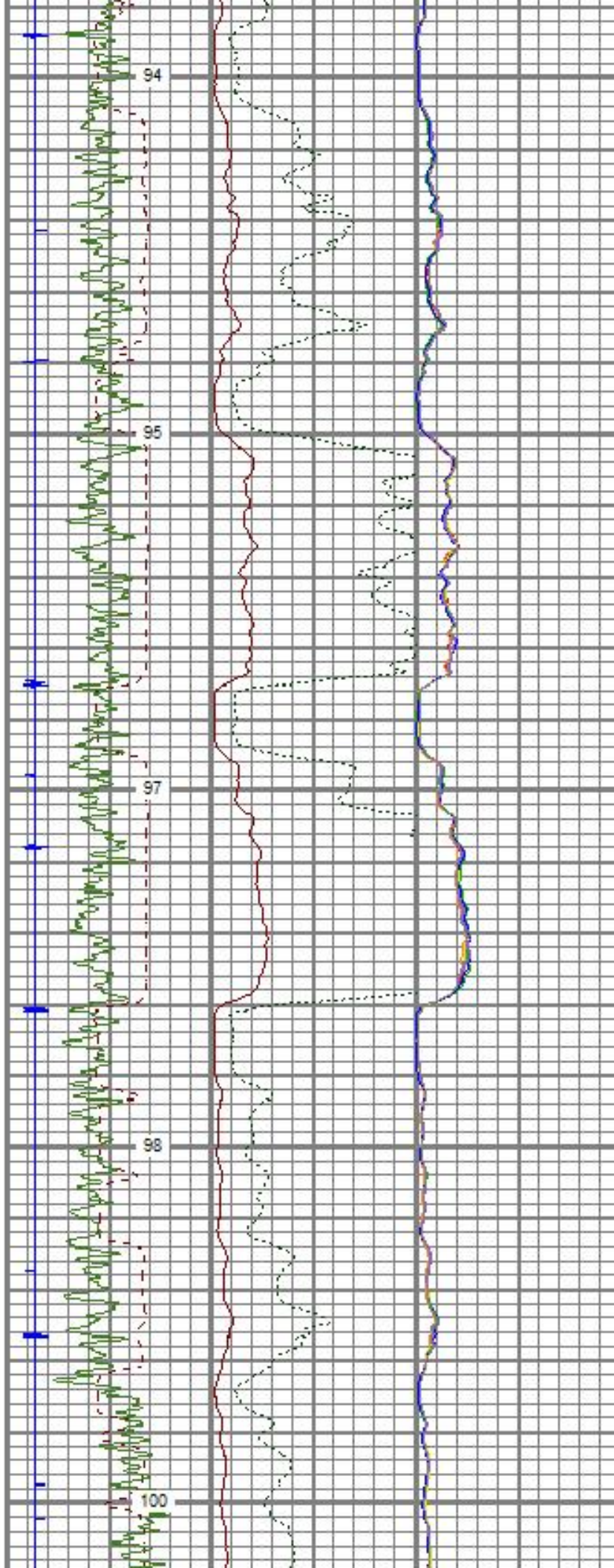
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1700

92



1750
1800
1850
1900
1950



2000

2050

2100

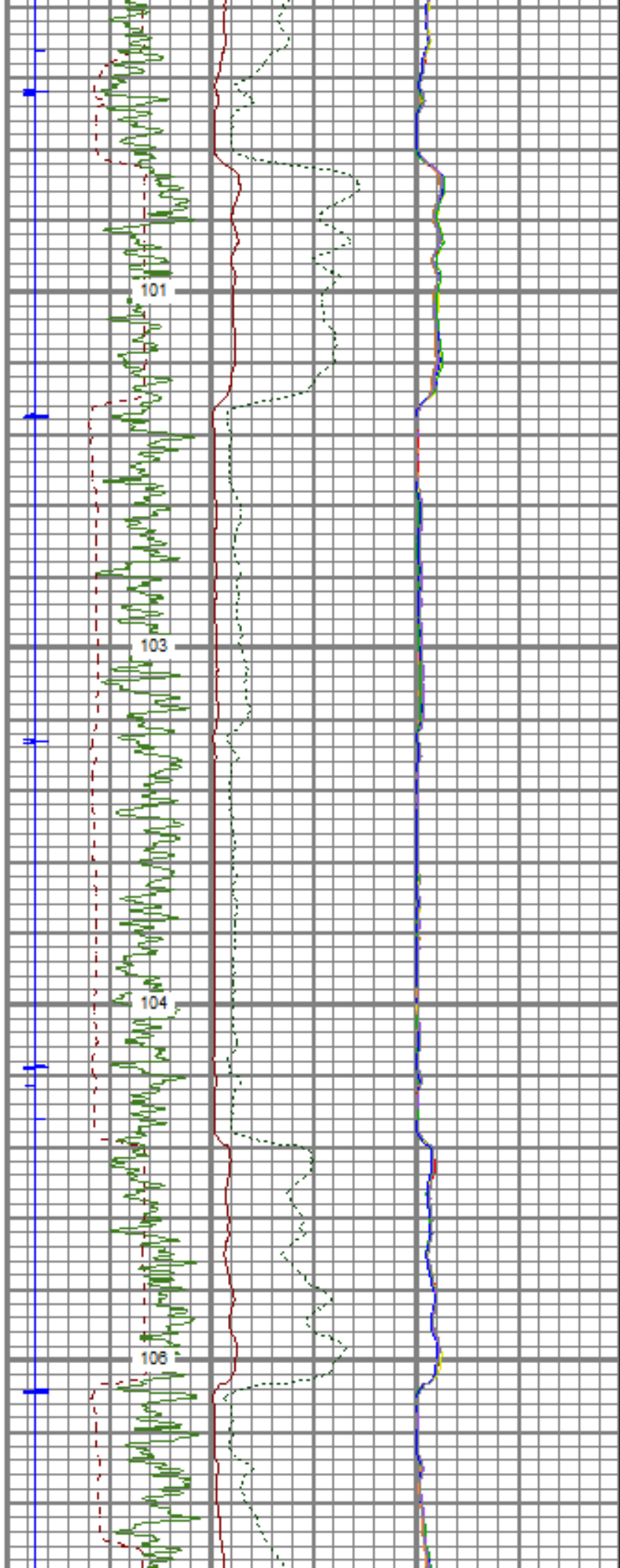
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101

103

104

108



2200

107

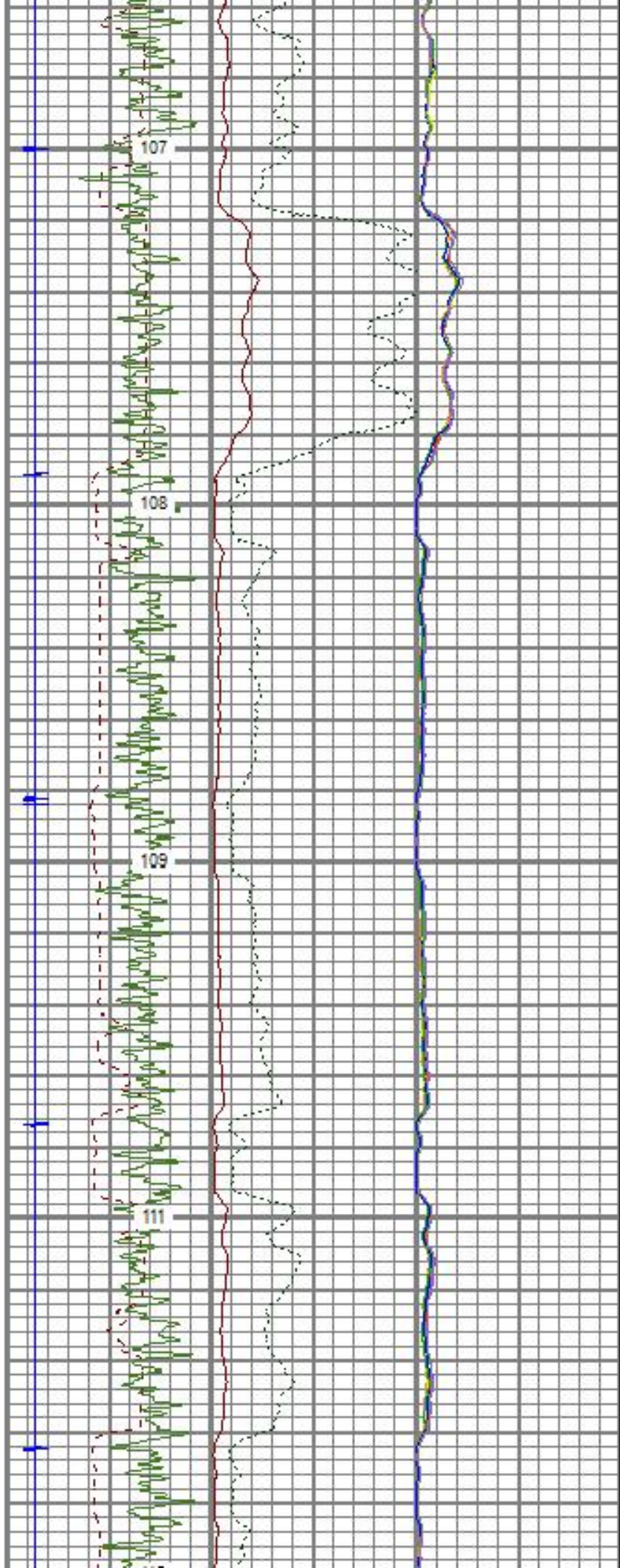
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108

2300

109

2350



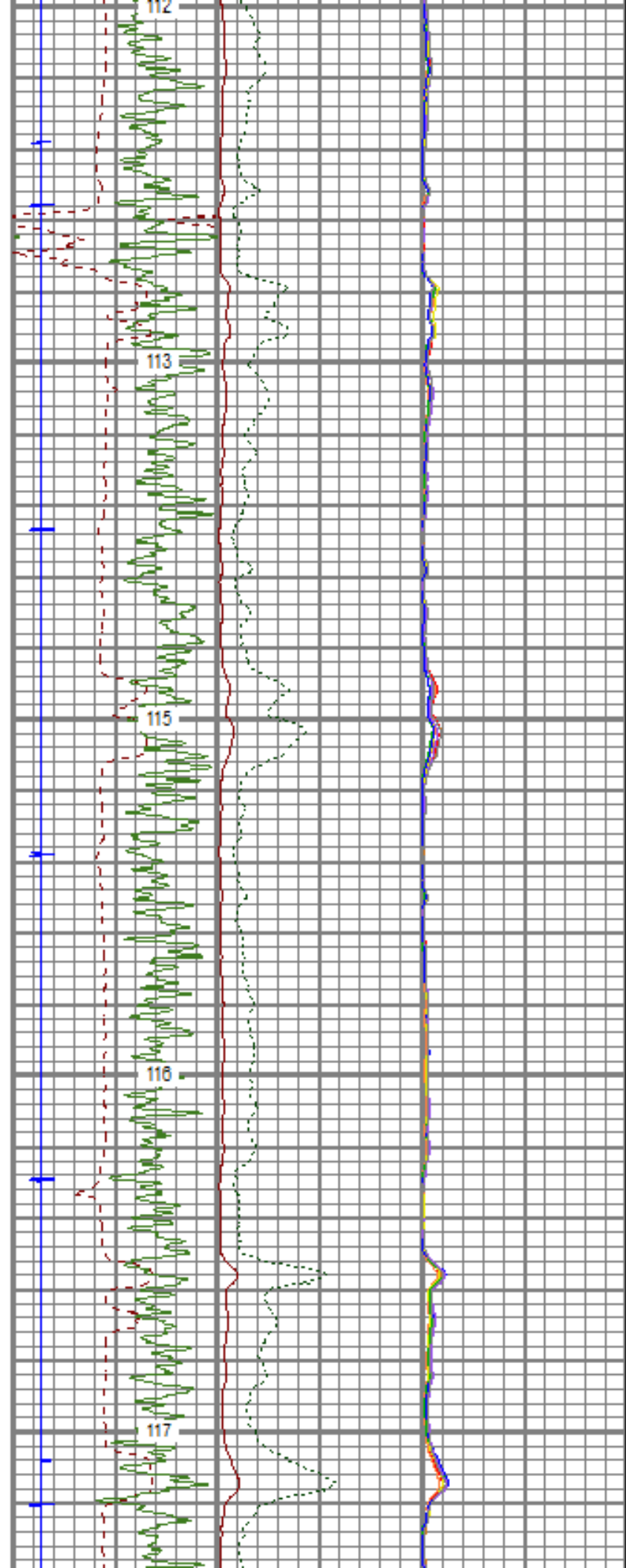
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2450

2500

2550

2600



2850

119

2700

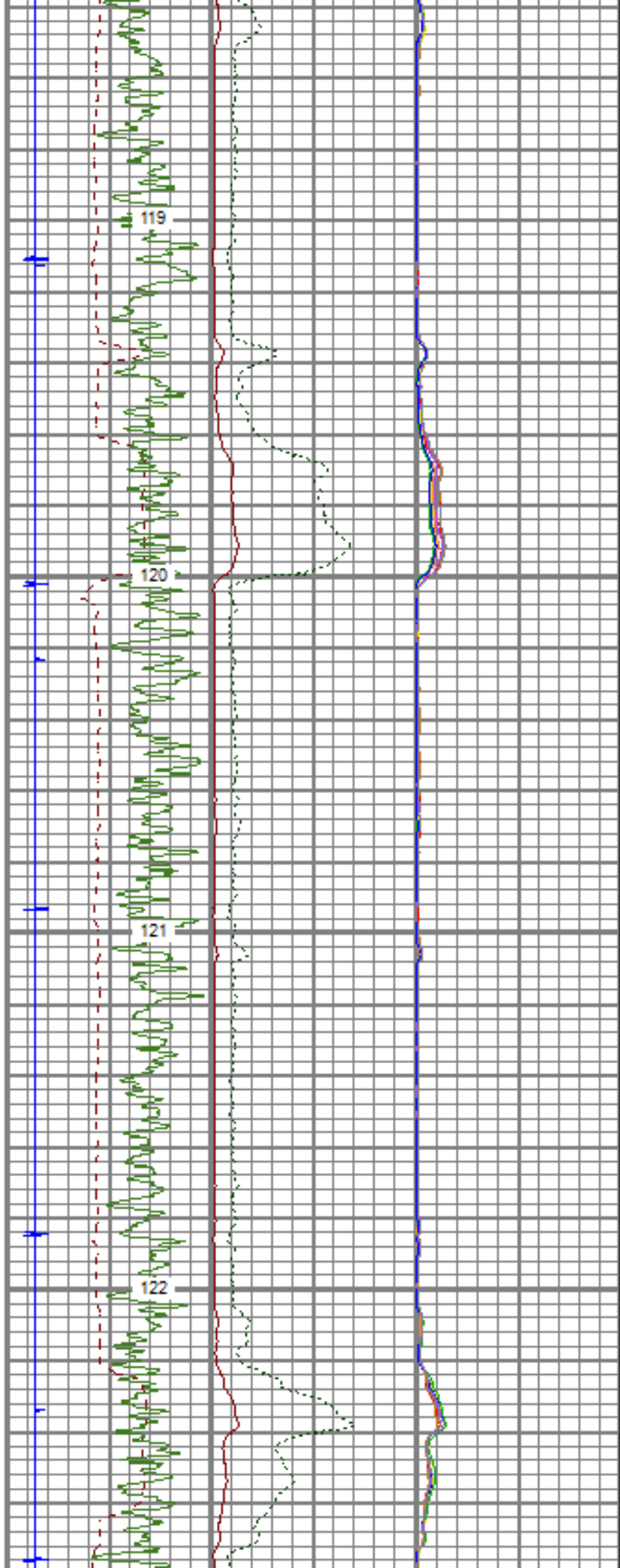
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2750

121

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122



2850

123

2900

124

2950

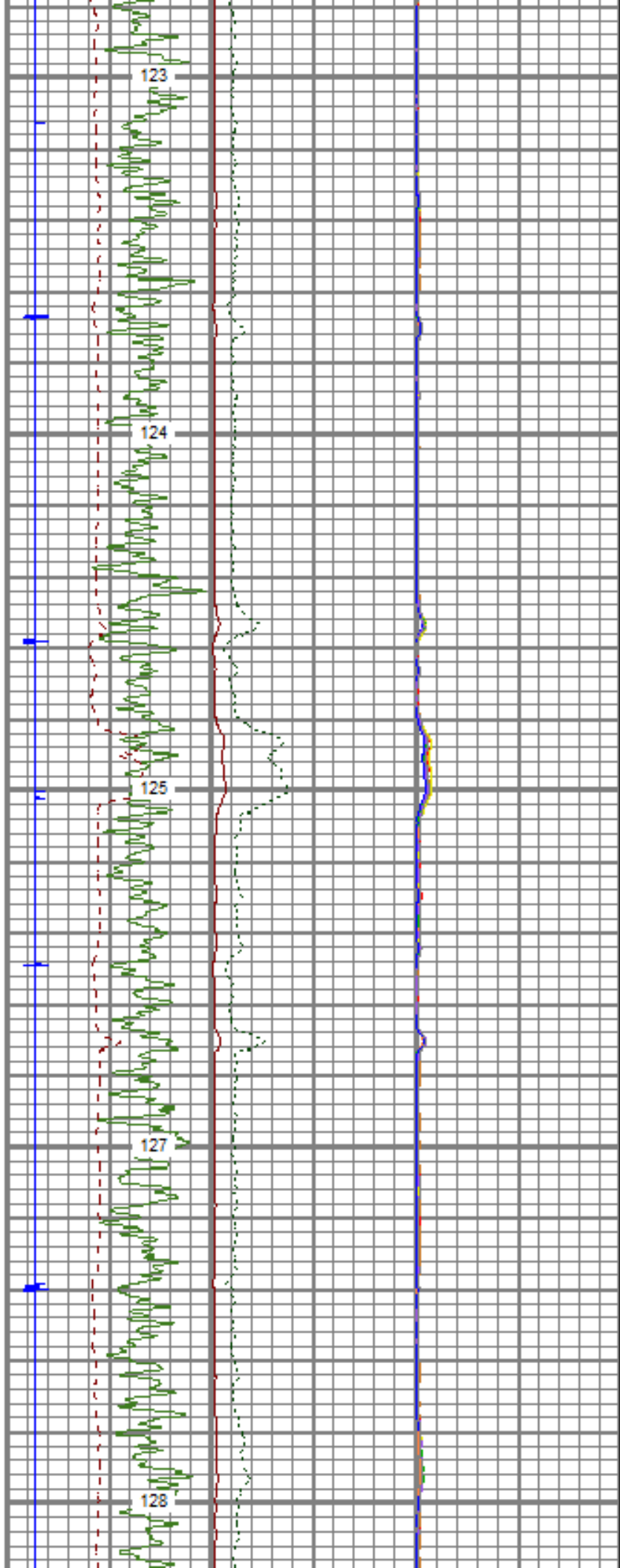
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127

3050

128



3100

3150

3200

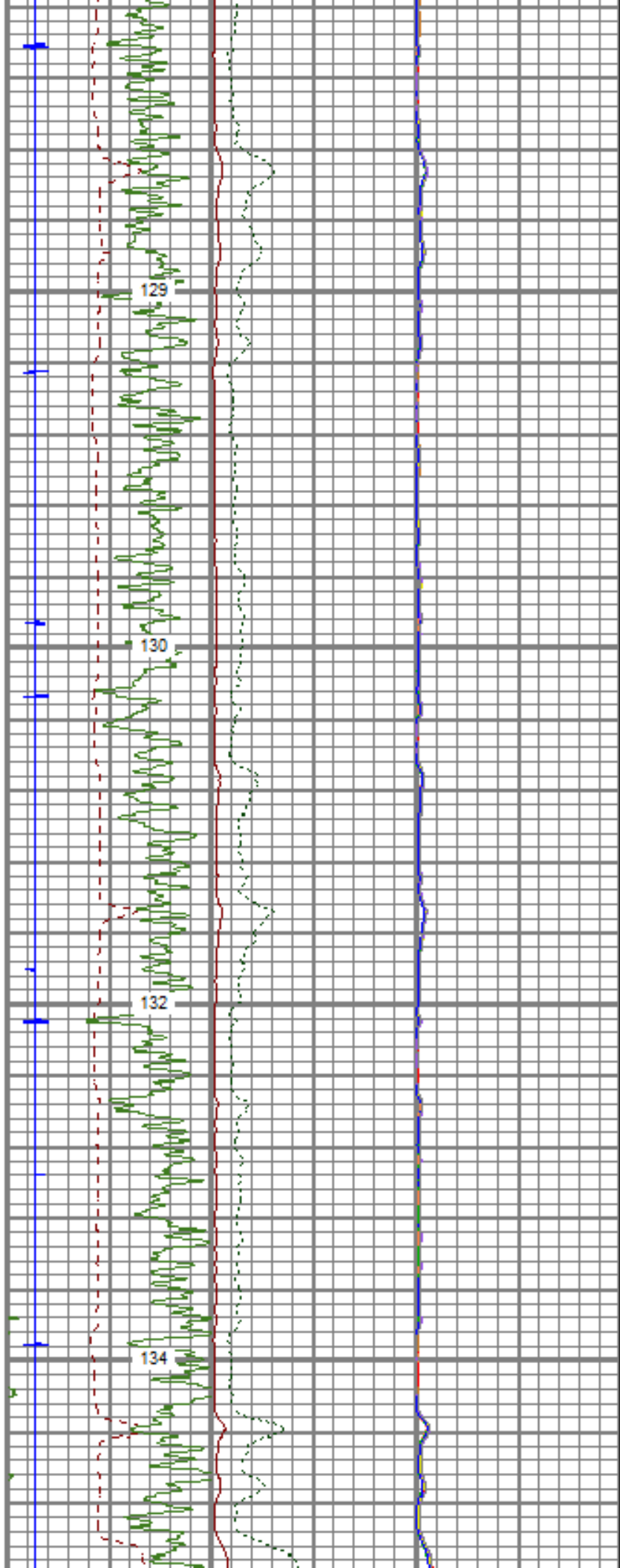
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129

130

132

134



3300

136

3350

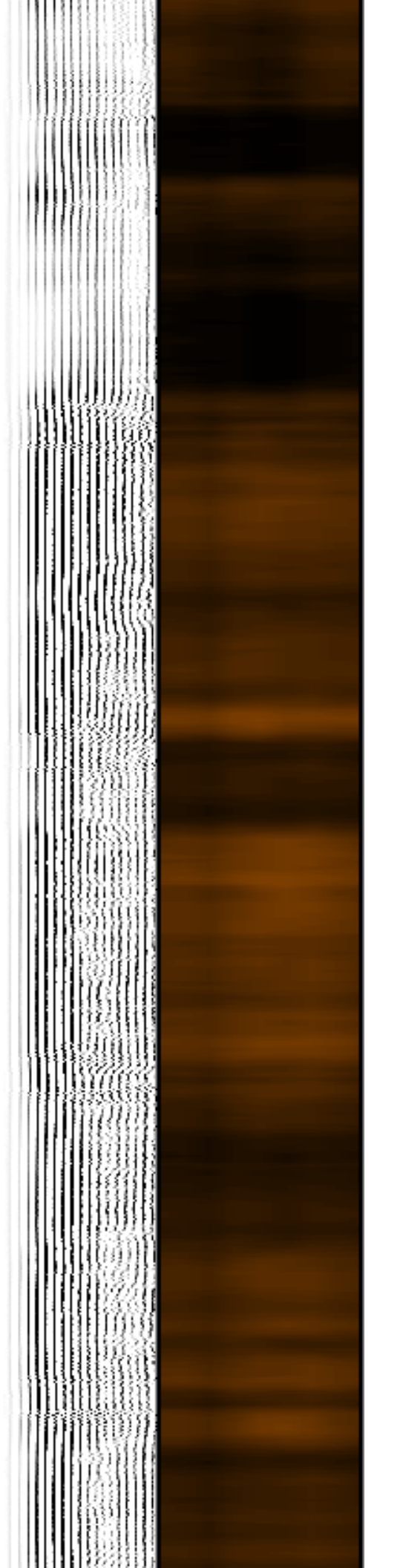
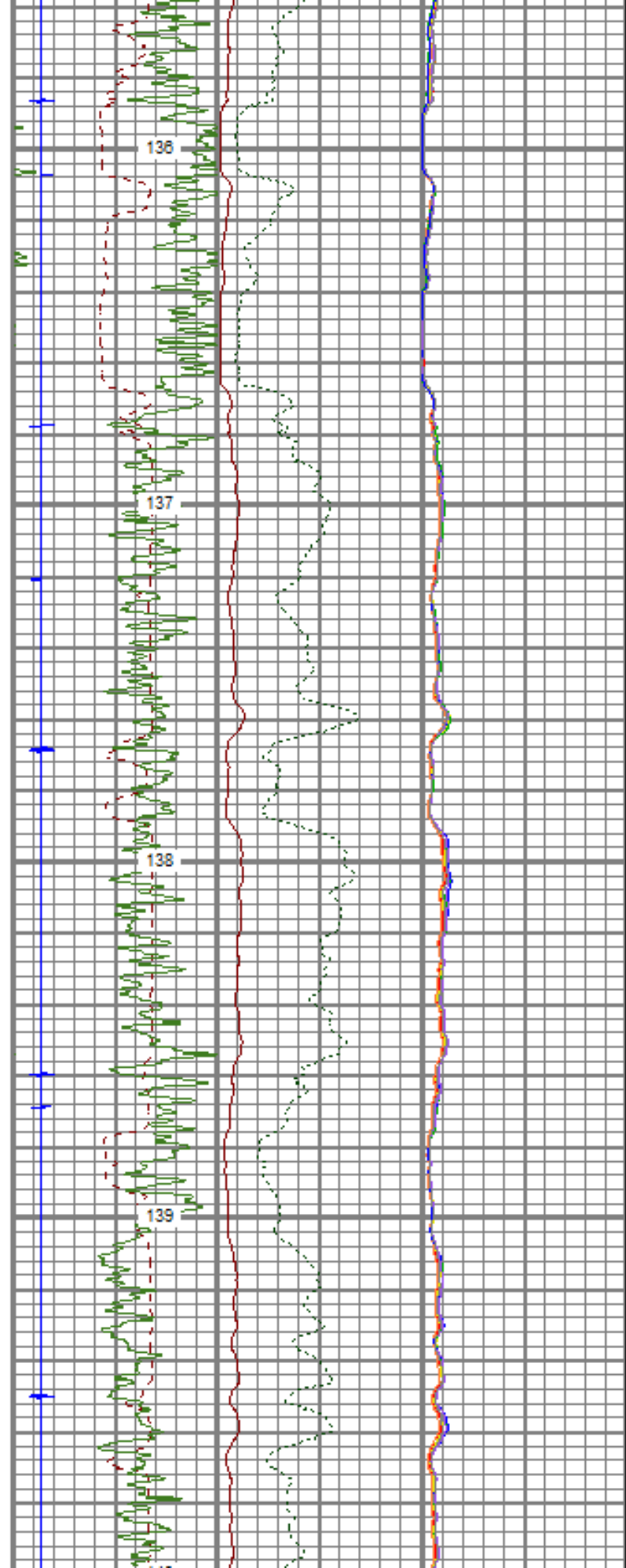
137

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138

3450

139



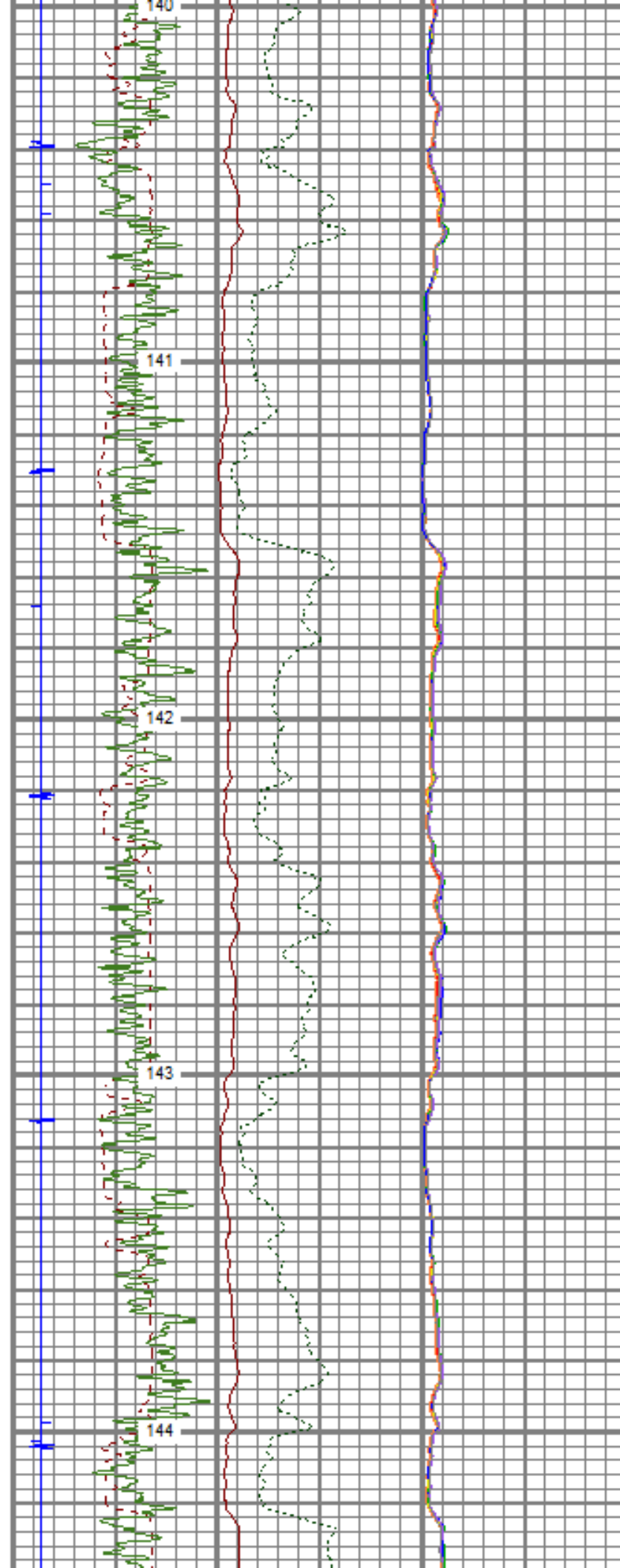
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3550

3600

3650

3700



3750

145

3800

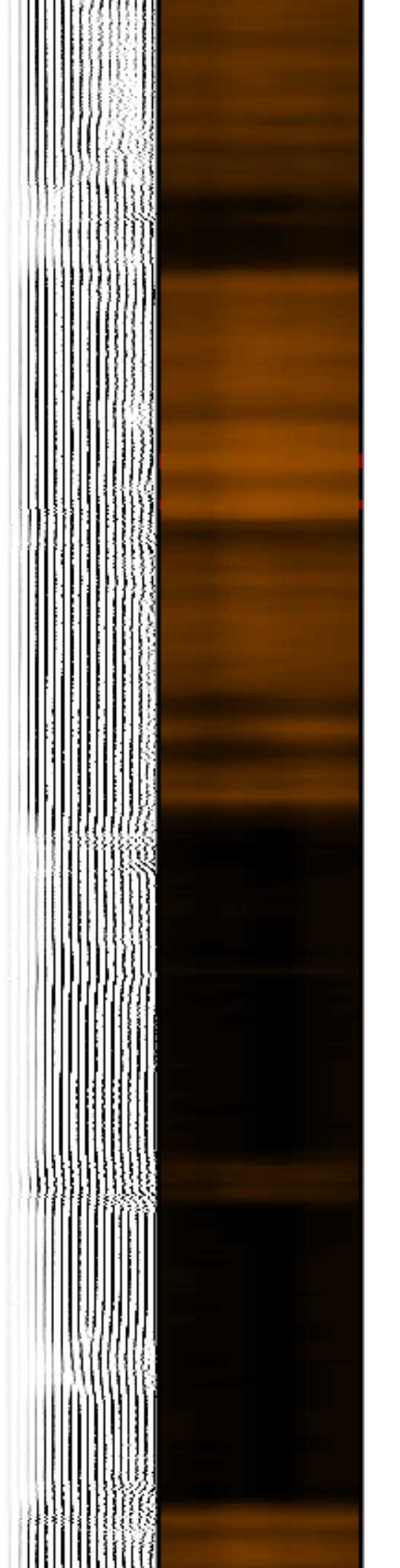
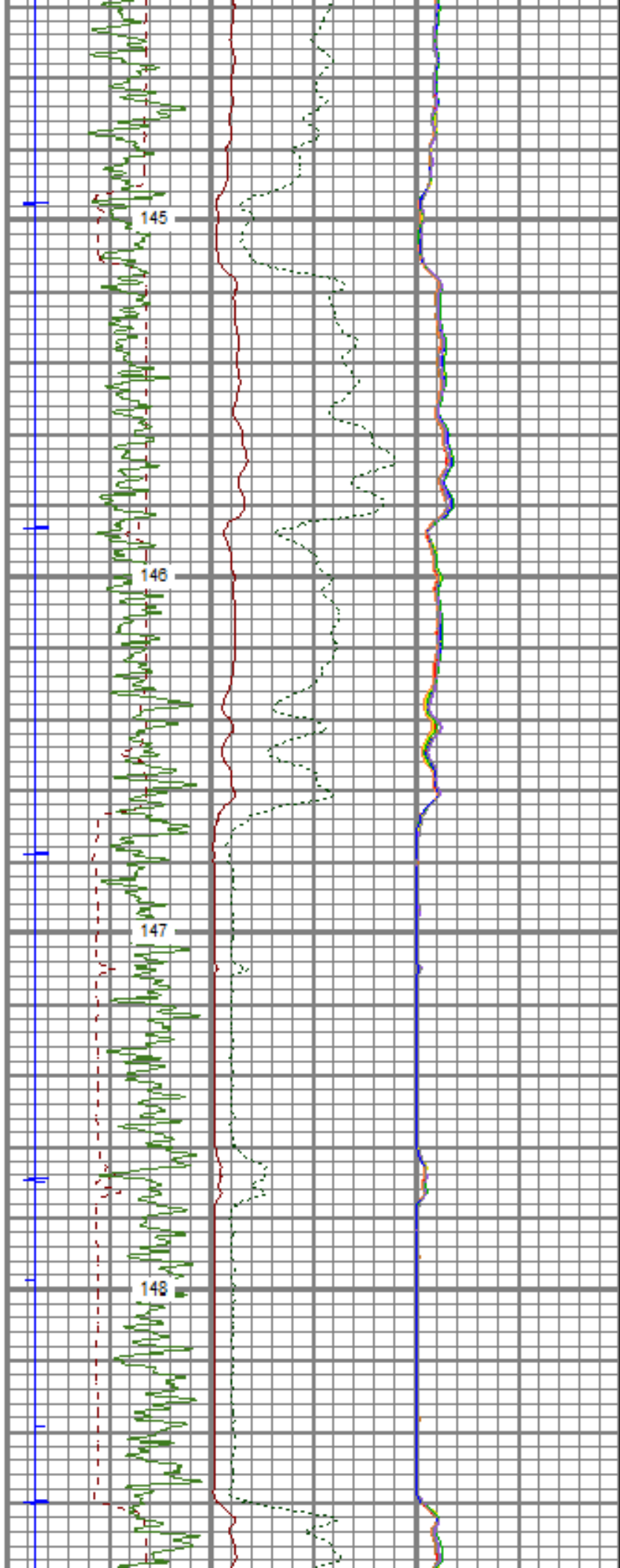
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148



3950

149

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150

4050

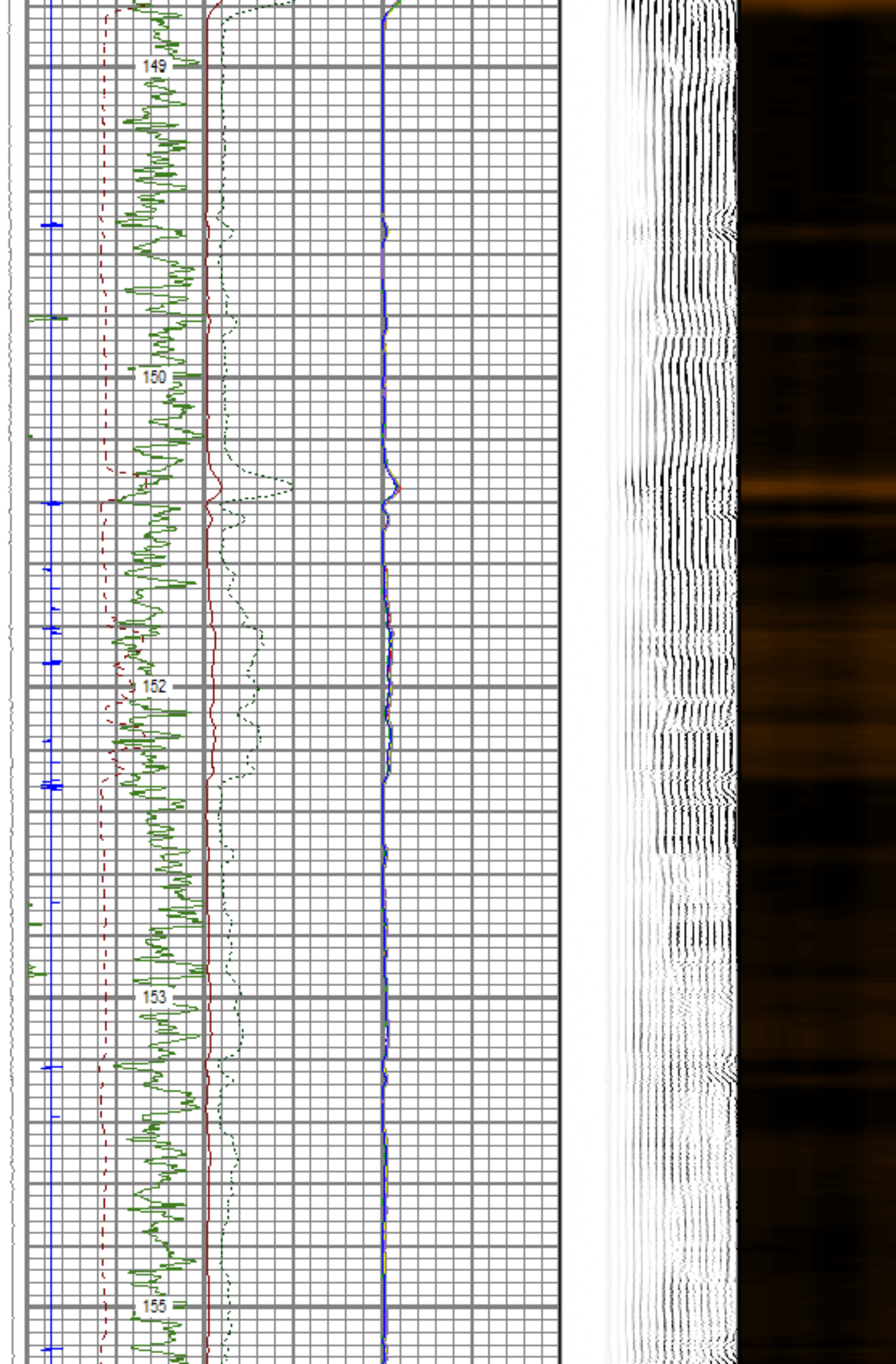
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4150

155



4200

158

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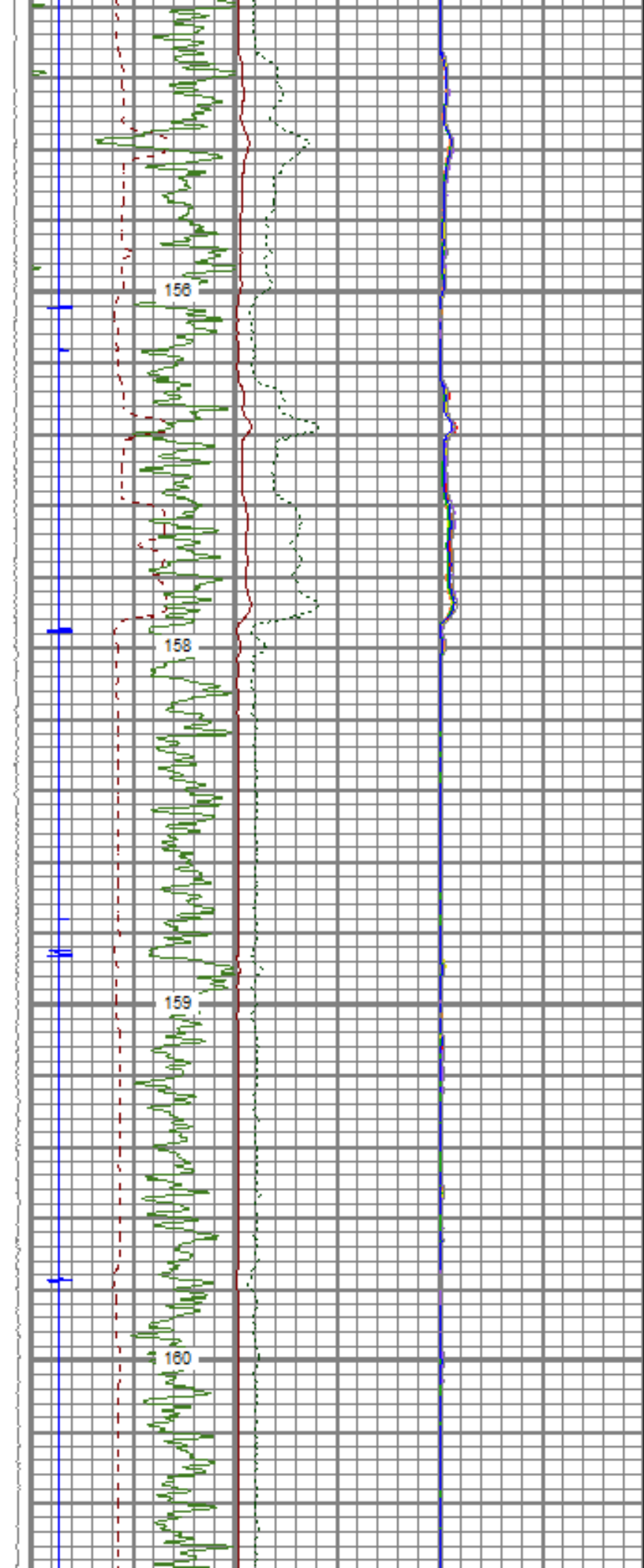
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159

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160



4400

161

4450

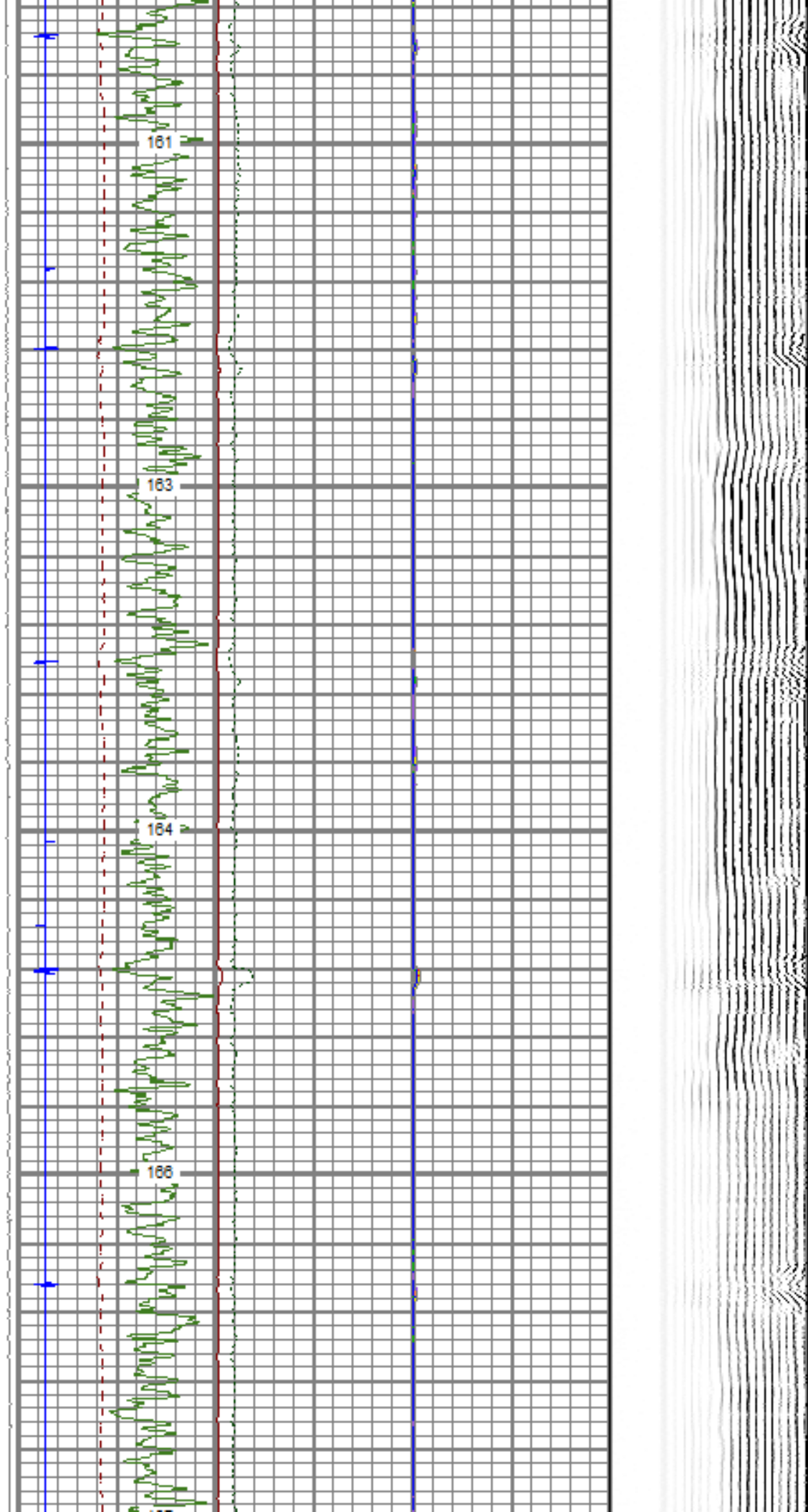
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168



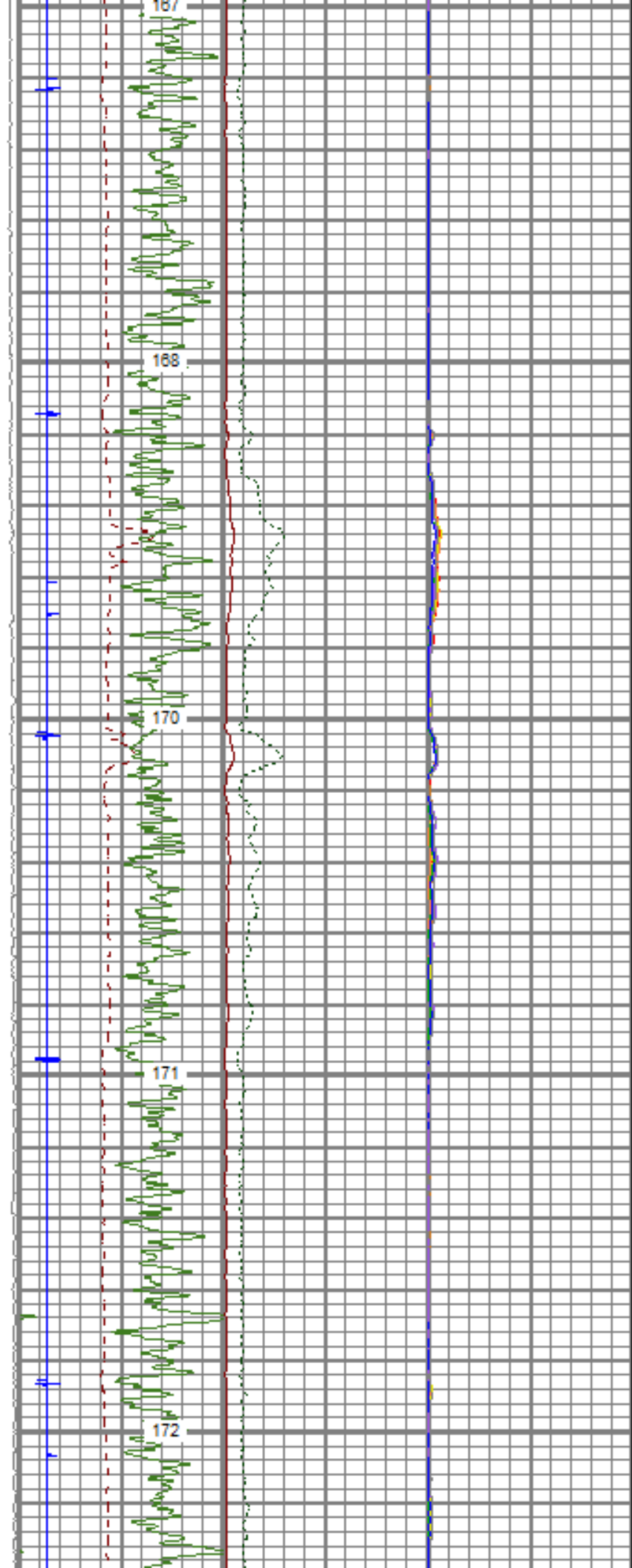
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4650

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4750

4800



4850

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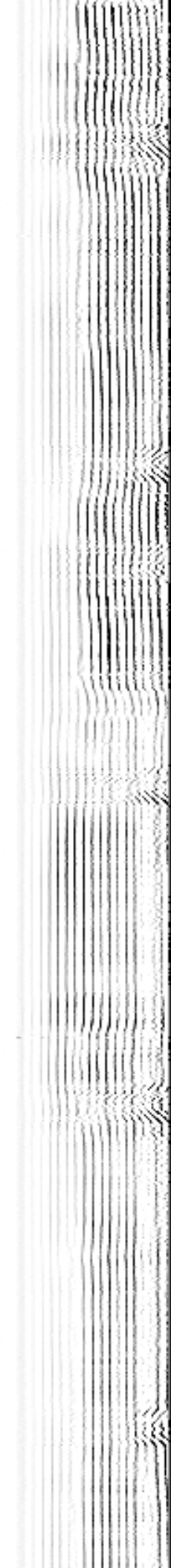
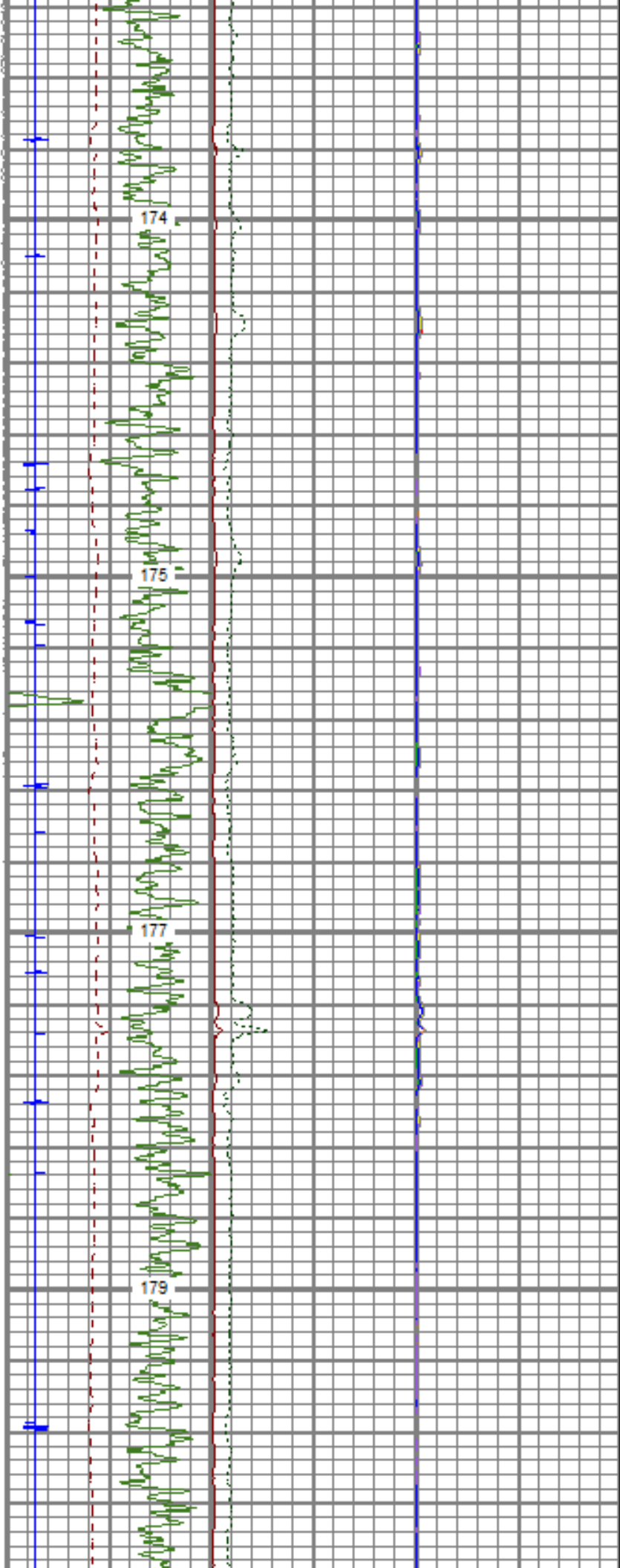
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177

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178



5050

181

5100

182

5150

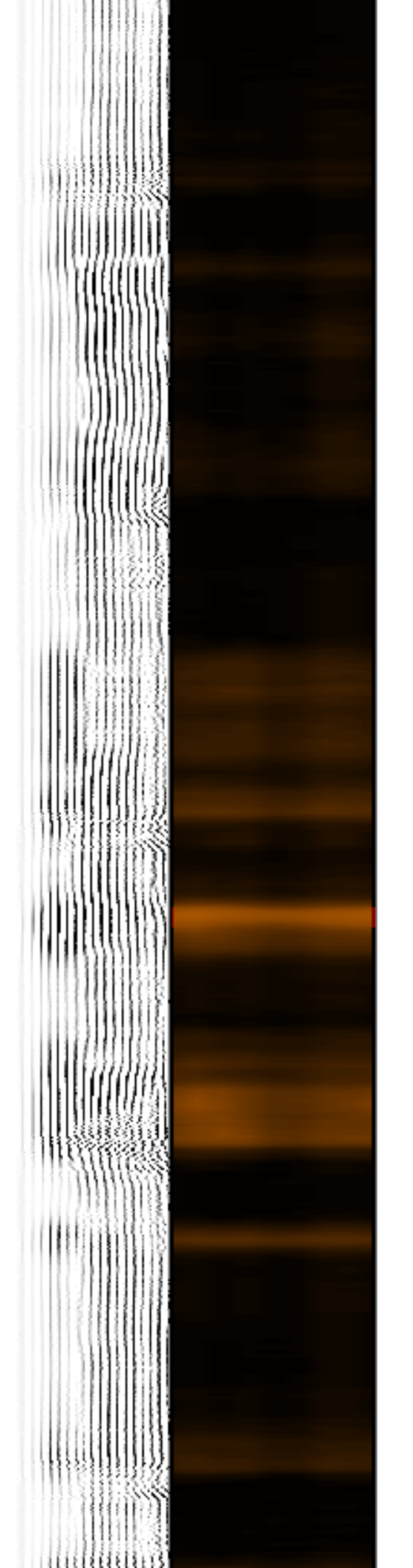
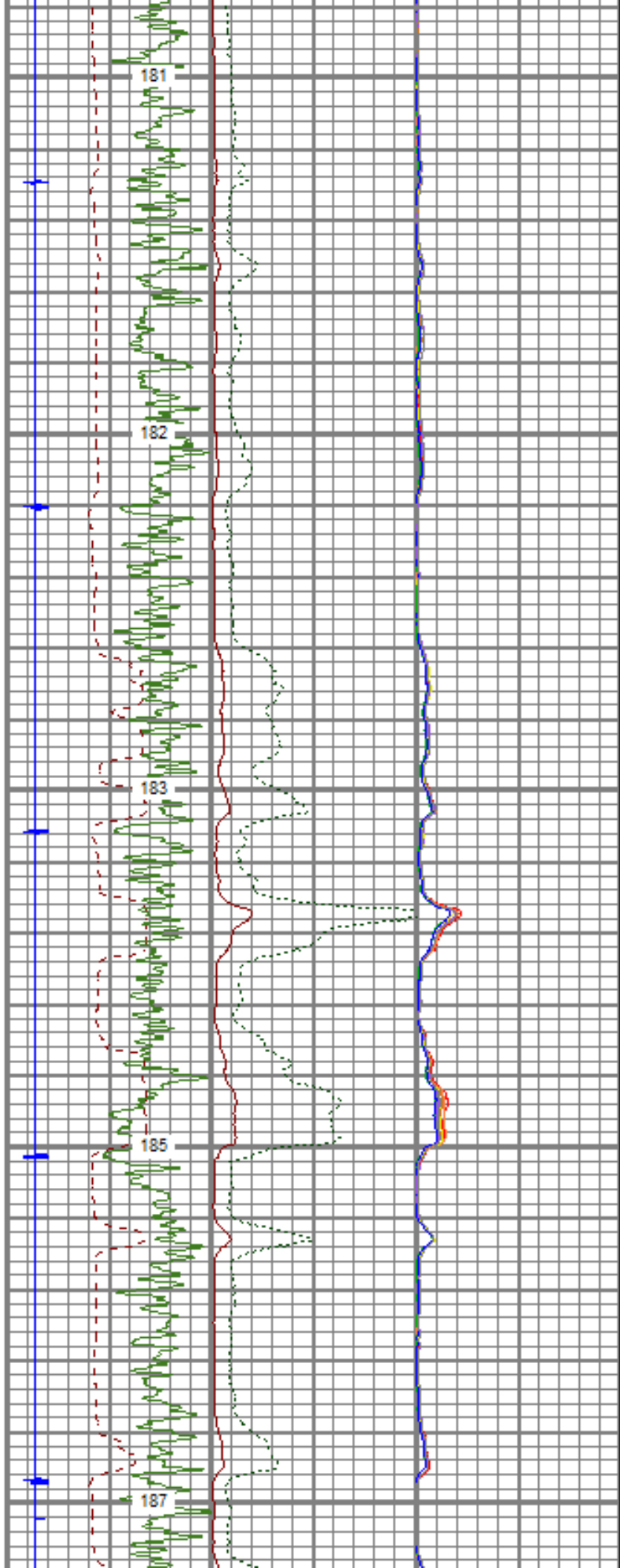
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5200

185

5250

187

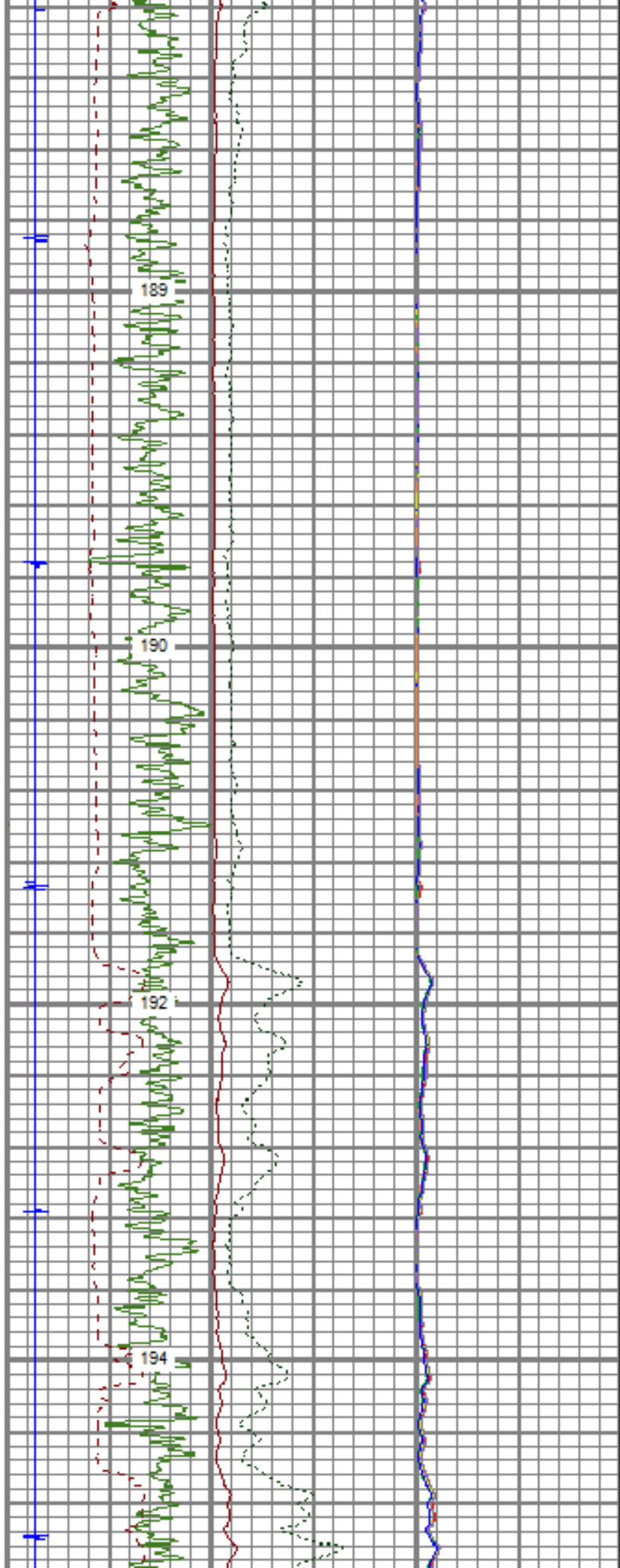


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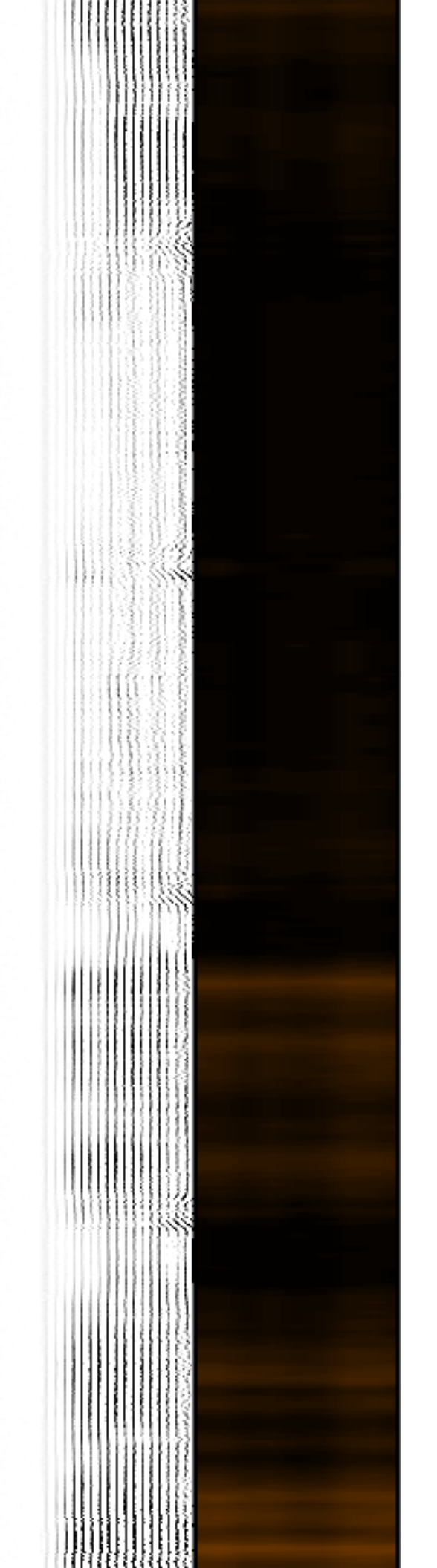


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194



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198

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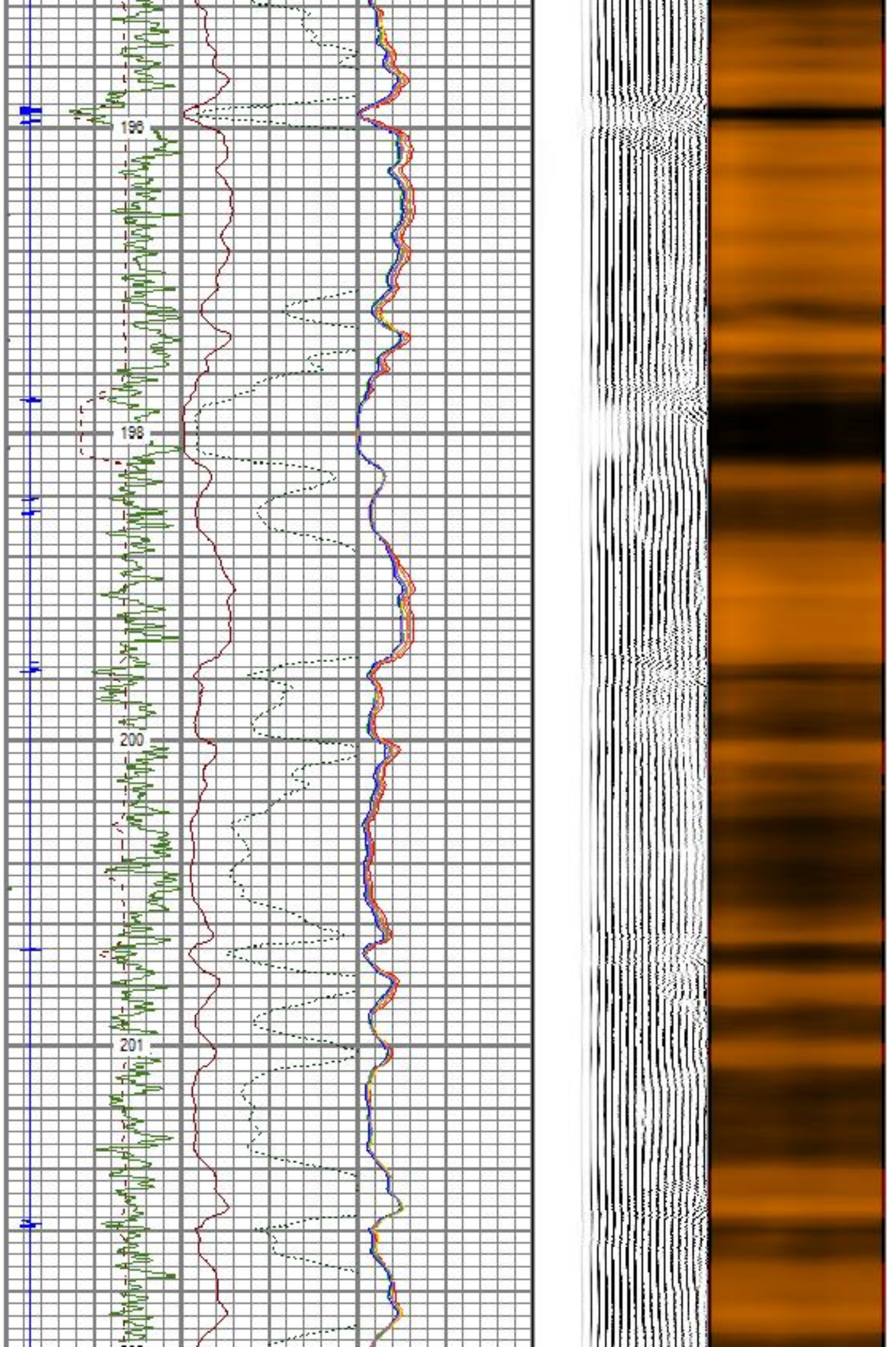
198

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200

5650

201



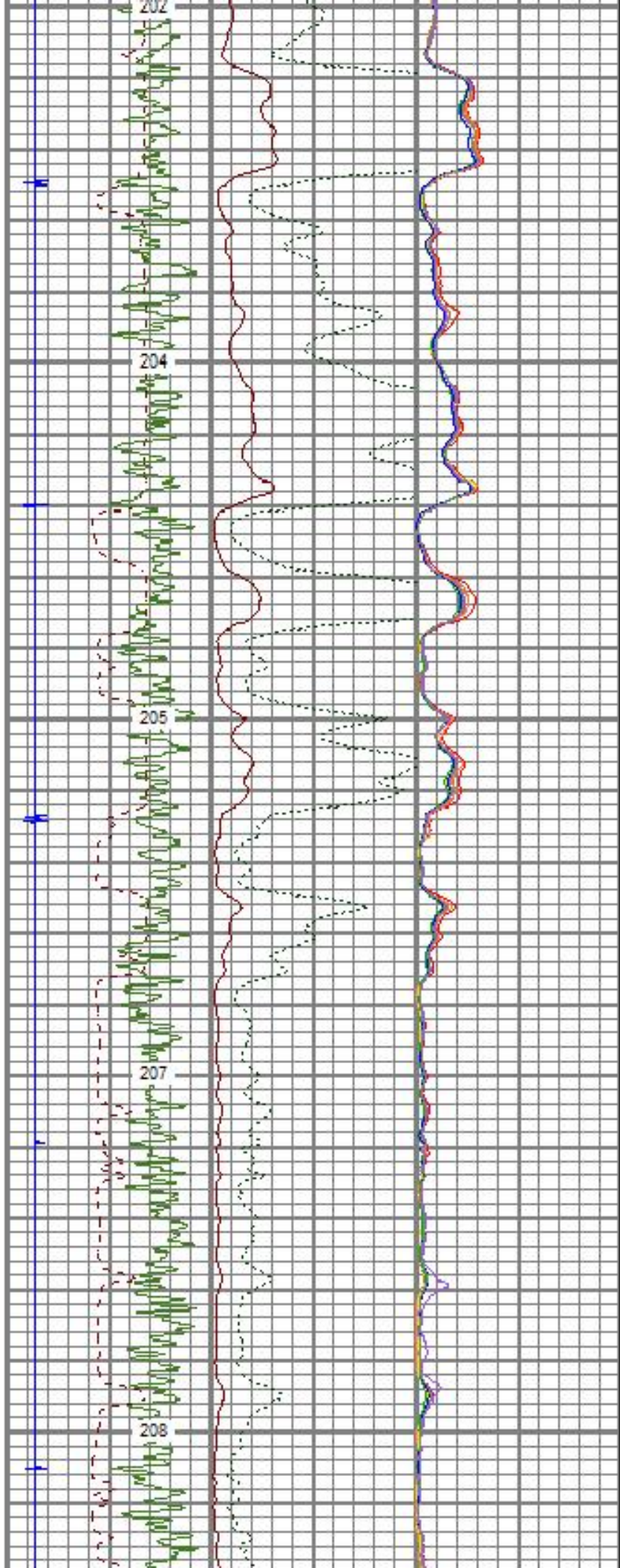
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5750

5800

5850

5900



5950

6000

6050

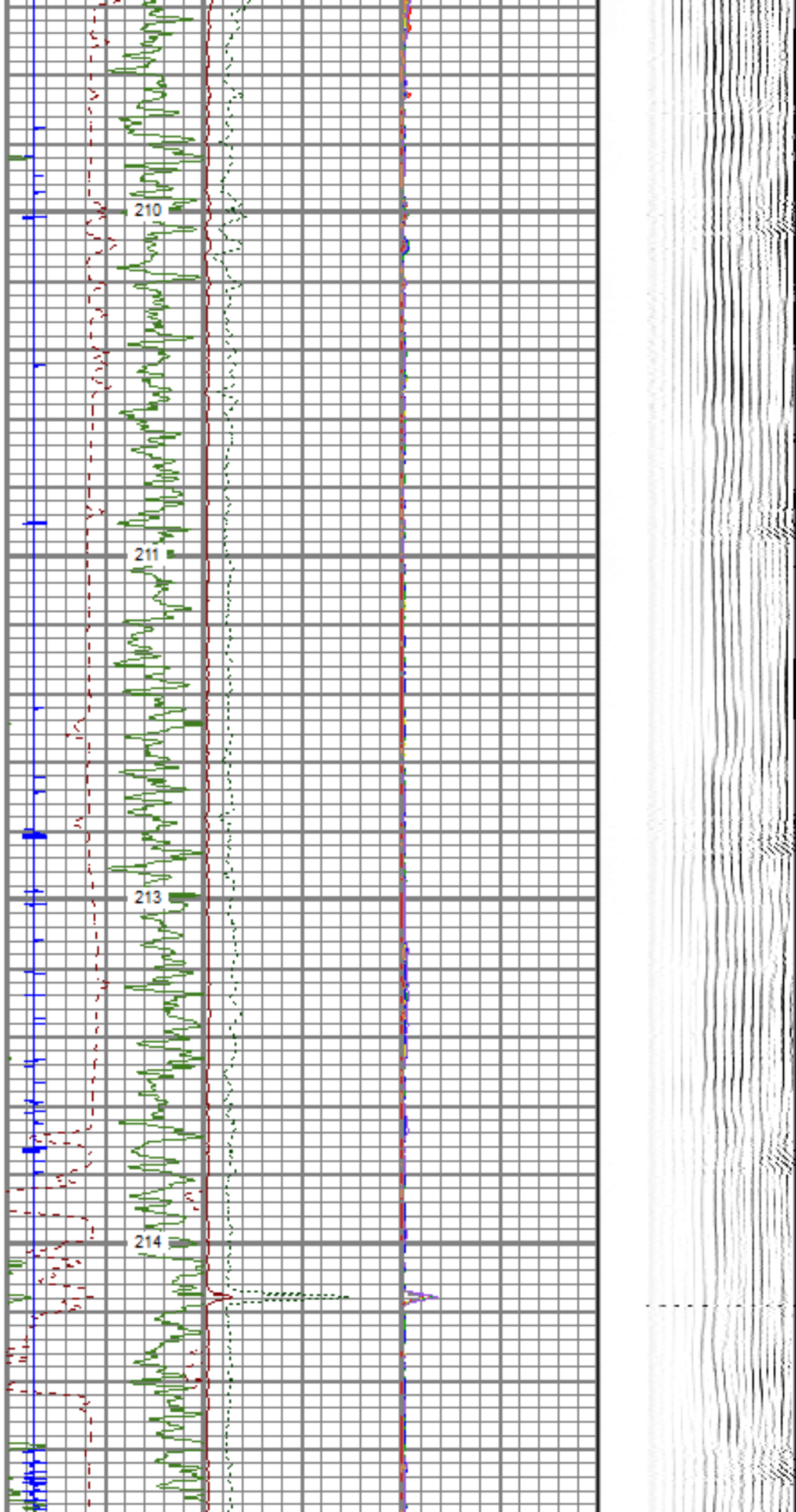
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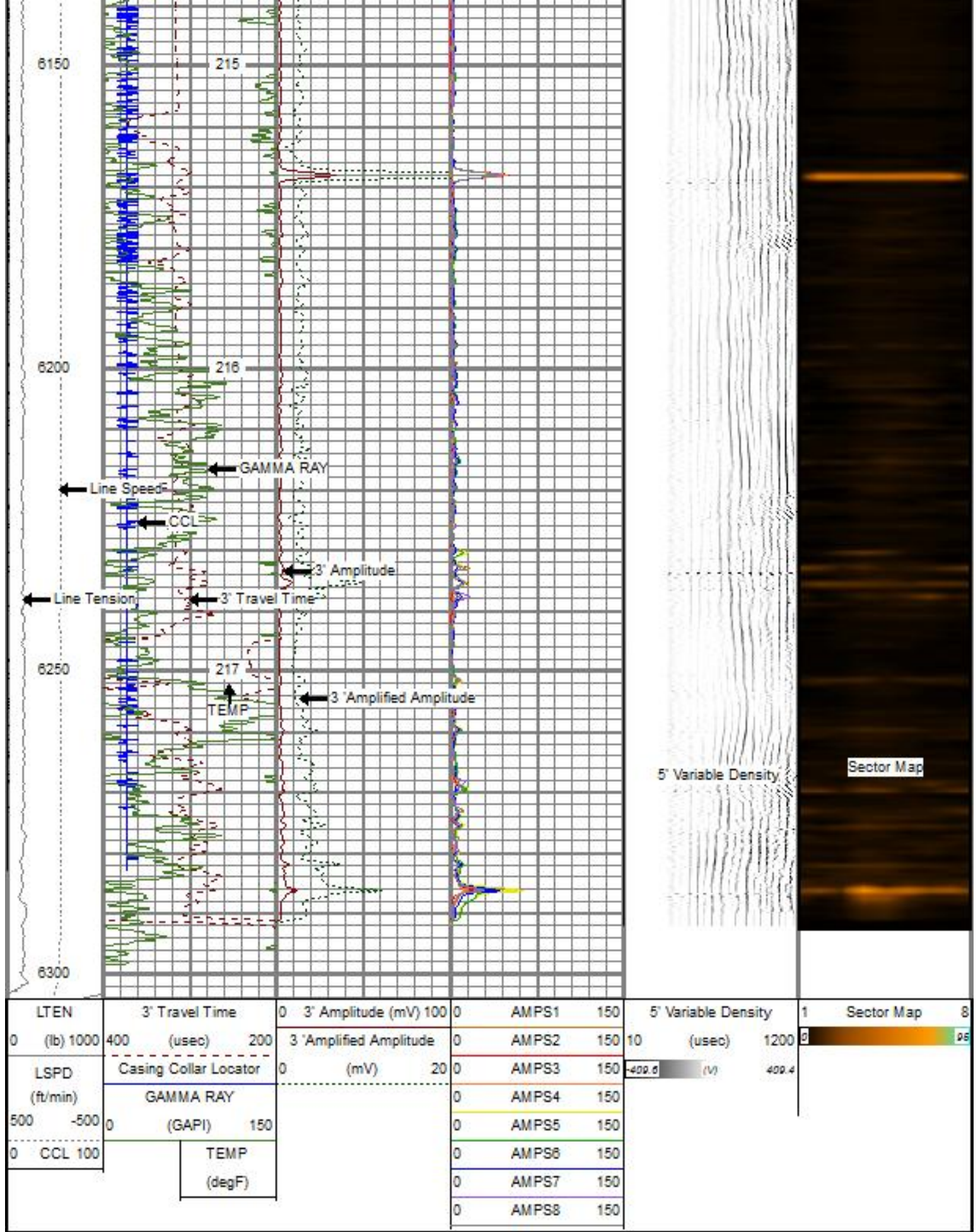
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211

213

214





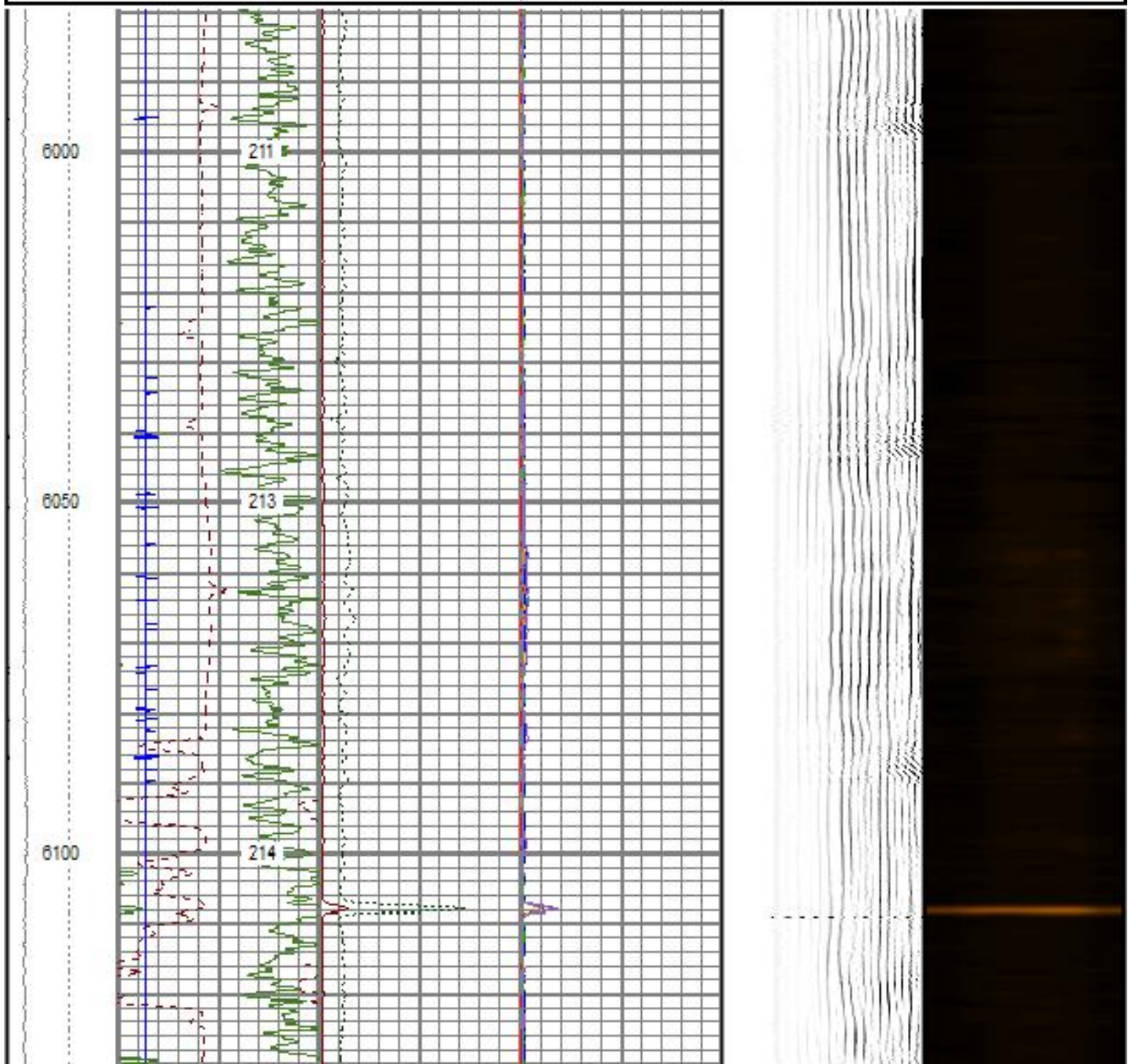
REPEAT SECTION

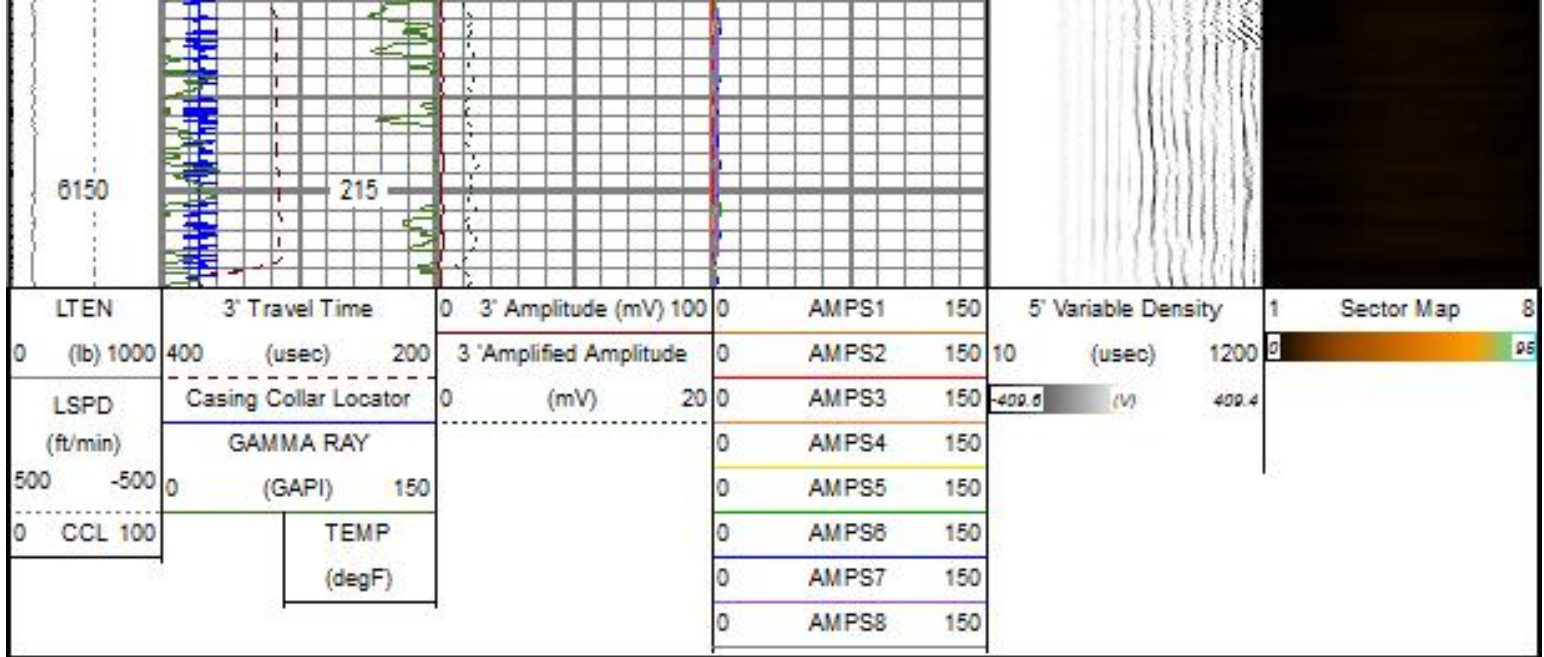


REPEAT SECTION

Database File: mallard_blue_tea_frd_15_3_5hn.db
 Dataset Pathname: REPEAT
 Presentation Format: rbl_all_8_2020
 Dataset Creation: Thu Feb 25 08:19:29 2021
 Charted by: Depth in Feet scaled 1:240

LTEN (lb) 1000	3' Travel Time (usec) 200	0 3' Amplitude (mV) 100	0 AMPS1 150	5' Variable Density (usec) 1200	1 Sector Map 8
LSPD (ft/min) 500 -500	Casing Collar Locator GAMMA RAY (GAPI) 150	0 3' Amplified Amplitude (mV) 20	0 AMPS2 150	-409.6 (V) 409.4	
CCL 100	TEMP (degF)		0 AMPS3 150		
			0 AMPS4 150		
			0 AMPS5 150		
			0 AMPS6 150		
			0 AMPS7 150		
			0 AMPS8 150		





Log Variables

Database C:\ProgramData\Warrior\Data\mallard_blue_tal_frd_15_3_5hn.db
Dataset field/well/run1/MAIN/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 180	CASEOD in 5.5	CASETHCK in 0	CASEWGHT lb/ft 20	MAXAMPL mV 0	MINAMPL mV 1	MINATTN db/ft 0.8	PERFS No
PPT usec 0	SRFTEMP degF 0	TDEPTH ft 0						

Variable Description

BOREID : Borehole I.D.	CASEWGHT : Casing Weight	PERFS : Perforation Flag
BOTTEMP : Bottom Hole Temperature	MAXAMPL : Maximum Amplitude	PPT : Predicted Pipe Time
CASEOD : Casing O.D.	MINAMPL : Minimum Amplitude	SRFTEMP : Surface Temperature
CASETHCK : Casing Thickness	MINATTN : Minimum Attenuation	TDEPTH : Total Depth



Company	MALLARD EXPLORATION
Well	BLUE TEAL FED 15-3-5HN
Field	WILDCAT
County	WELD
State	CO