



Gamma Ray CCL
Cement Bond
Sector VDL

Company	Crestone Peak Resources Operating LLC		
Well	Bijou 3-65 20-19-24 2AH		
Field	DJ Horizontal Niobrara		
County	Adams		
State	CO		
Location:	SEC 21 TWP 3S RGE 65W		Other Services
	SE / NW		
	Permanent Datum	Ground Level	
	Log Measured From	Elevation	
Drilling Measured From	Kelly Bushing	K.B. D.F. G.L.	

Date	November 1, 2024		
Run Number	1		
Depth Driller	23,731'		
Depth Logger	7780'		
Bottom Logged Interval	7780'-0'		
Top Log Interval			
Open Hole Size			
Type Fluid	water		
Density / Viscosity	8.3 lbs/gal		
Max. Recorded Temp.	226 °F		
Estimated Cement Top			
Time Well Ready			
Time Logger on Bottom			
Equipment Number	807		
Location	Kersey, CO		
Recorded By	Meisner		
Witnessed By	Parras		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Mgt/Ft	Top	Bottom
Surface String	9-5/8"	36	0'	3350'
Prot. String				
Production String	5-1/2"	20	0'	23,731'
Liner				

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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

Thank you for choosing SureFire Wireline West!!!

Calibration Report

Database File civbijou3652019242ah.db
Dataset Pathname pass2
Dataset Creation Fri Nov 01 18:15:32 2024

Serial Number:	FW1905-098	
Tool Model:	GCT275-0000	
Performed:	Fri Aug 25 09:31:17 2023	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1905-052	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	162.067	ft

Master Calibration, performed Fri Nov 1 08:31:27 2024:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.015	1.906	0.800	71.921	37.618	0.217
CAL	0.016	0.532				
5'	0.016	0.234	0.800	71.921	326.144	-4.280
SUM						
S1	0.016	2.005	0.000	71.921	36.156	-0.565
S2	0.016	1.997	0.000	71.921	36.292	-0.564
S3	0.016	1.967	0.000	71.921	36.868	-0.580
S4	0.016	1.908	0.000	71.921	38.006	-0.598
S5	0.016	1.808	0.000	71.921	40.125	-0.624
S6	0.016	1.721	0.000	71.921	42.172	-0.662
S7	0.016	1.682	0.000	71.921	43.162	-0.679
S8	0.016	1.873	0.000	71.921	38.721	-0.605

Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.016	0.532	1.000	0.000

Air Zero Calibration, performed Fri Oct 18 07:06:27 2024:			
	Raw (v)		Results
	Zero	Zero	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

Database Filecivbijou3652019242ah.dbDataset Pathnamepass2Presentation FormatcivitasDataset CreationFri Nov 01 18:15:32 2024Charted byDepth in Feet scaled 1:240

5	CCL\$1	-0.625	0	AMP (mV)	100	0	AMPS1	150	200	VDL (usec)	1200	1	RADIAL MAP	8
0	GR (GAPI)	150	650	TT (usec)	150	0	AMPS2	150						
GCT_TEMP			0	AMPx5 (mV)	20	0	AMPS3	150						
(degF)						0	AMPS4	150						
						0	AMPS5	150						
						0	AMPS6	150						
						0	AMPS7	150						
						0	AMPS8	150						



200

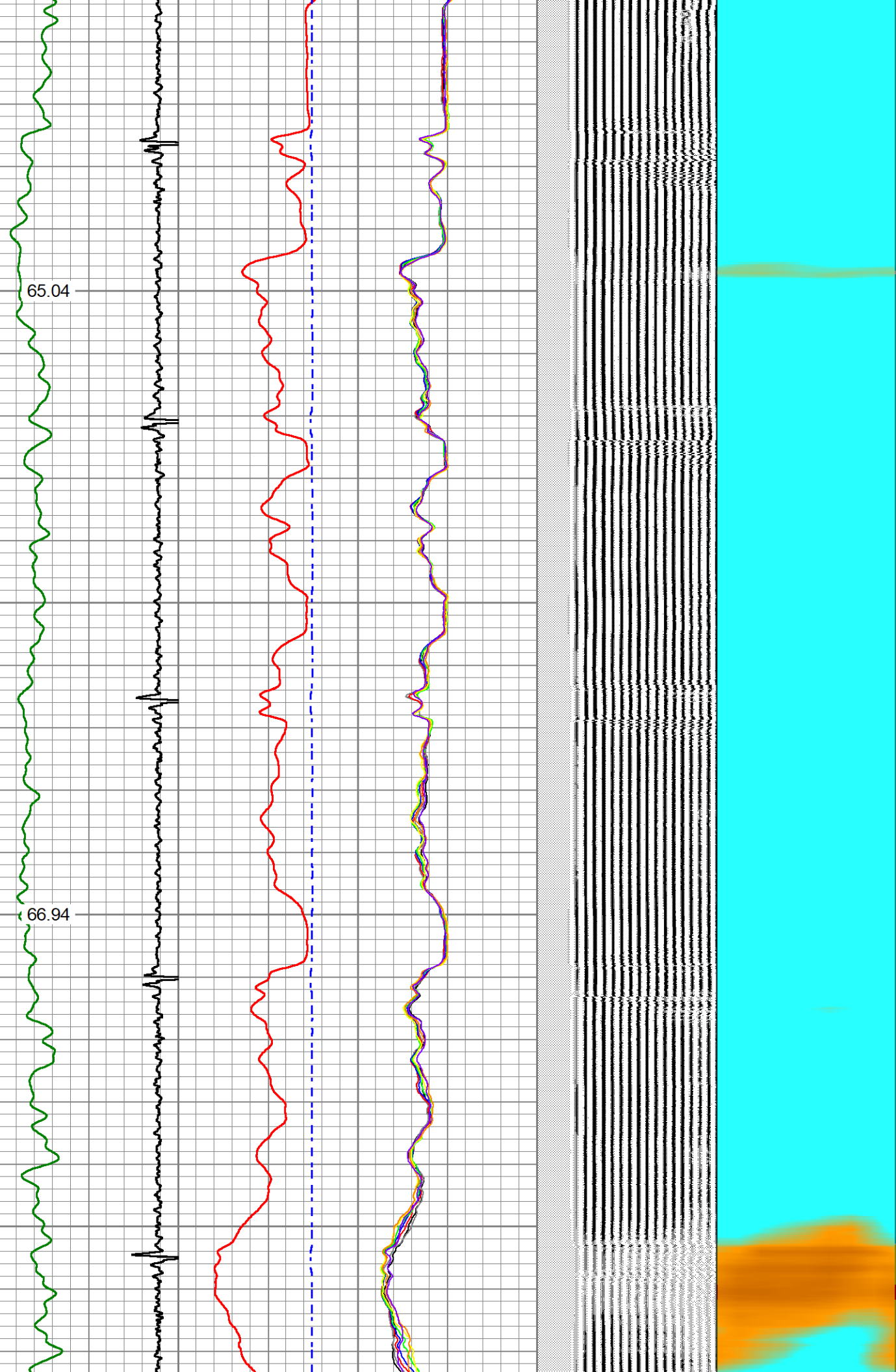
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300

350

65.04

66.94



400

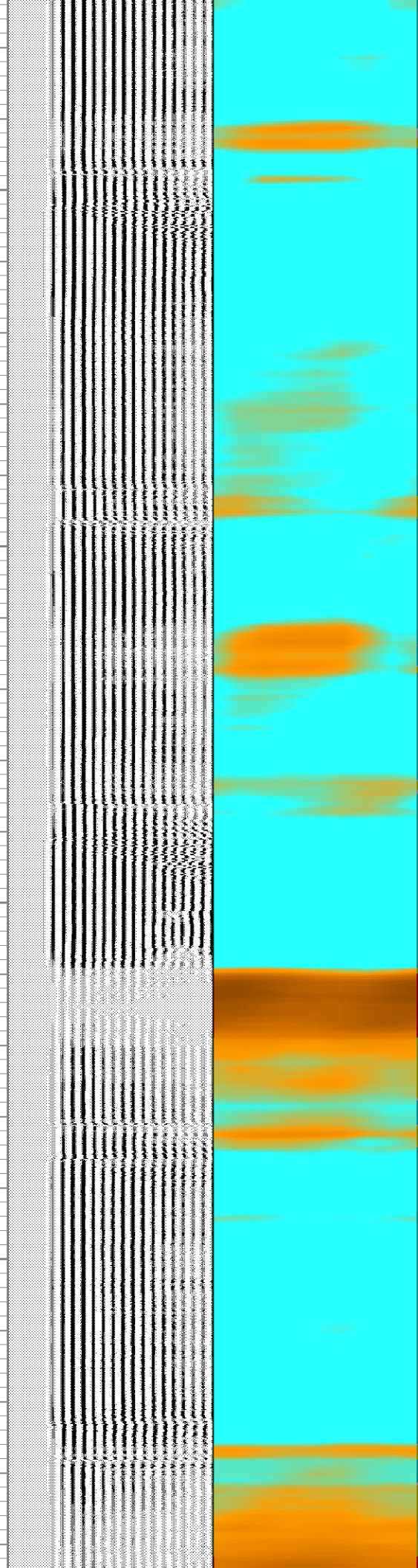
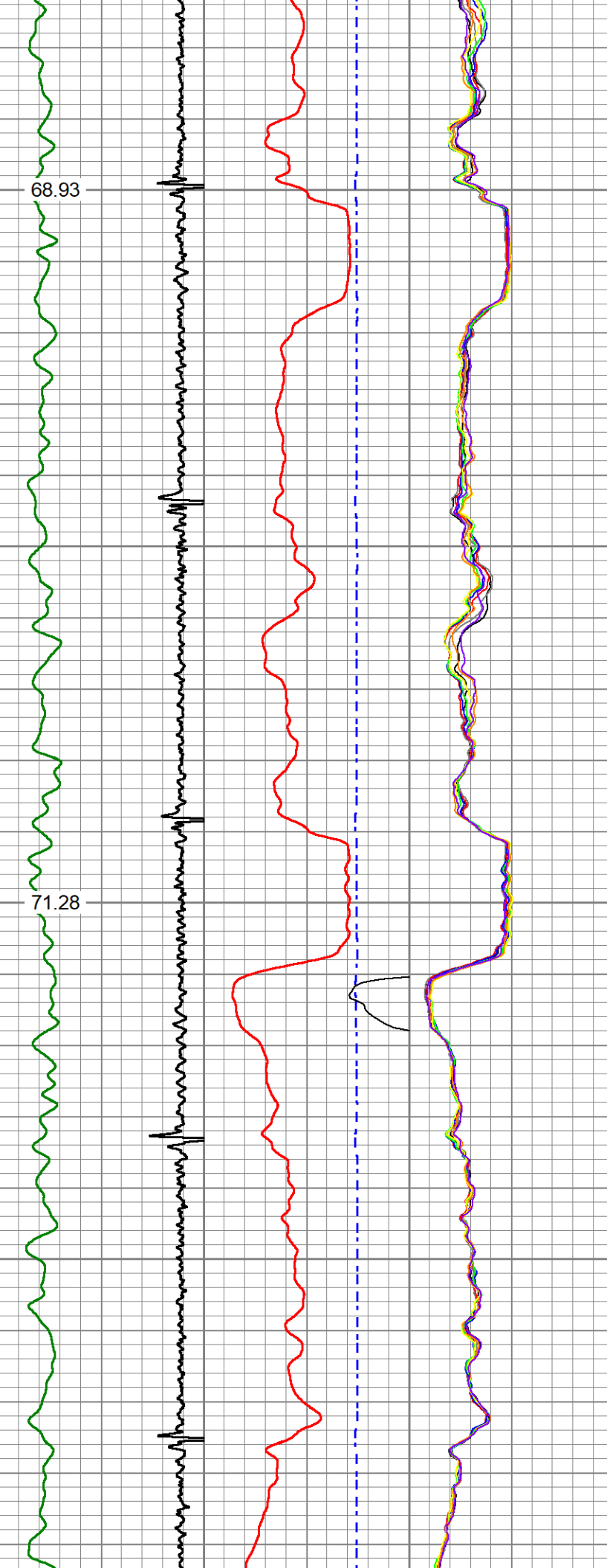
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500

550

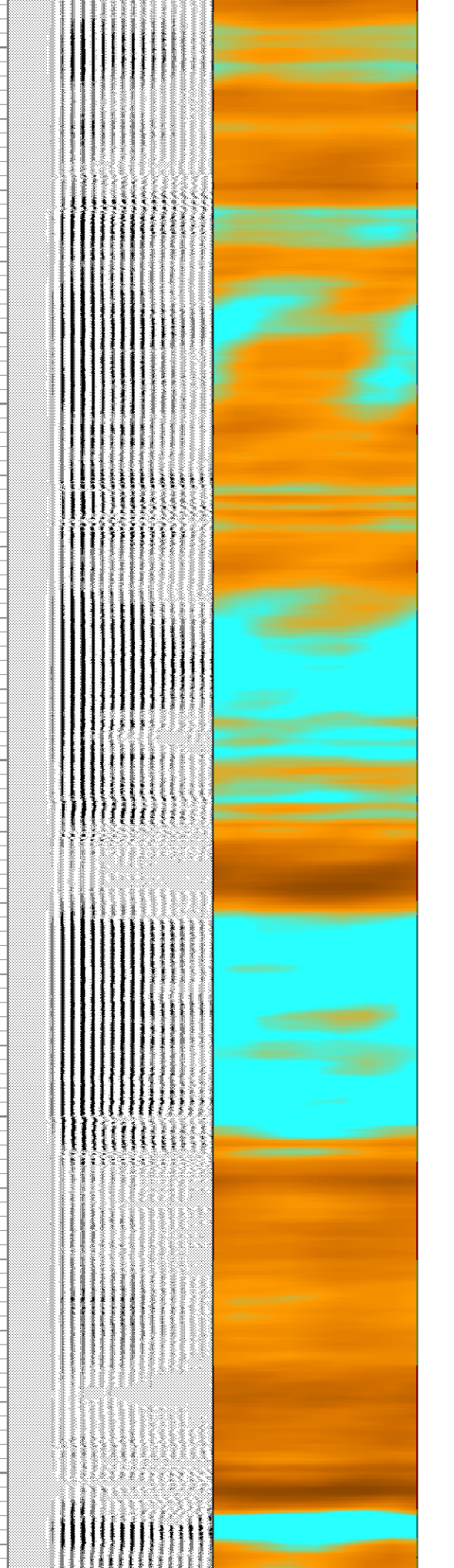
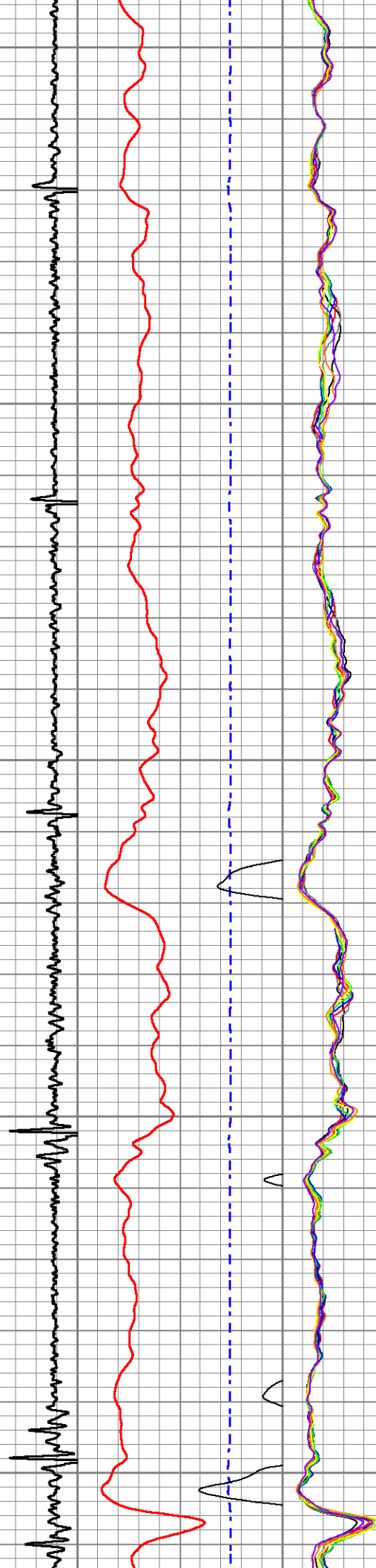
68.93

71.28



600
650
700
750
800

73.09
75.33
76.95



850

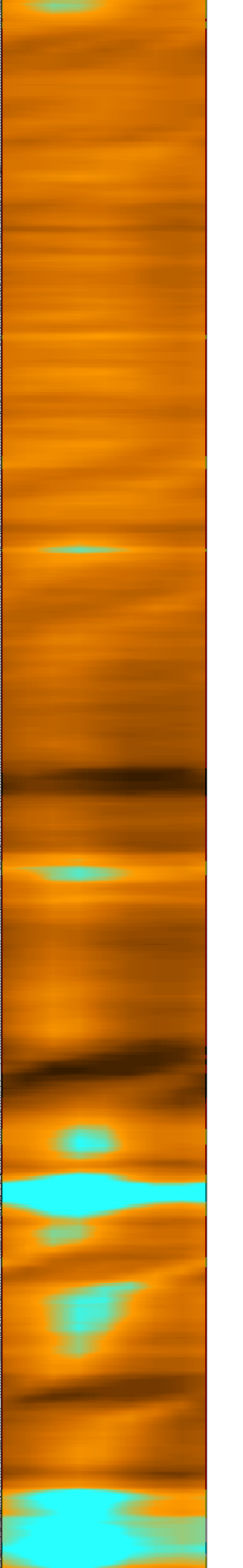
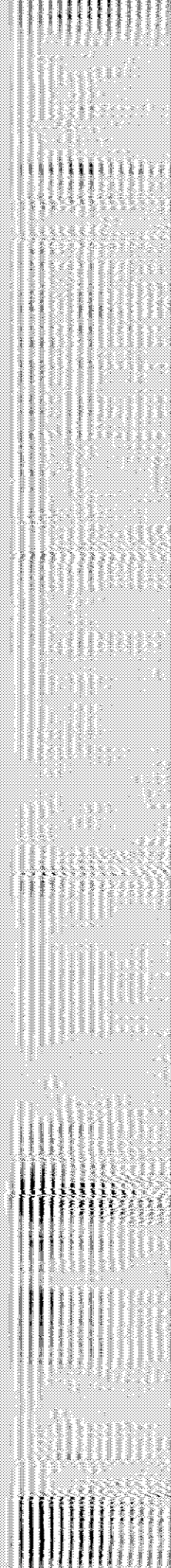
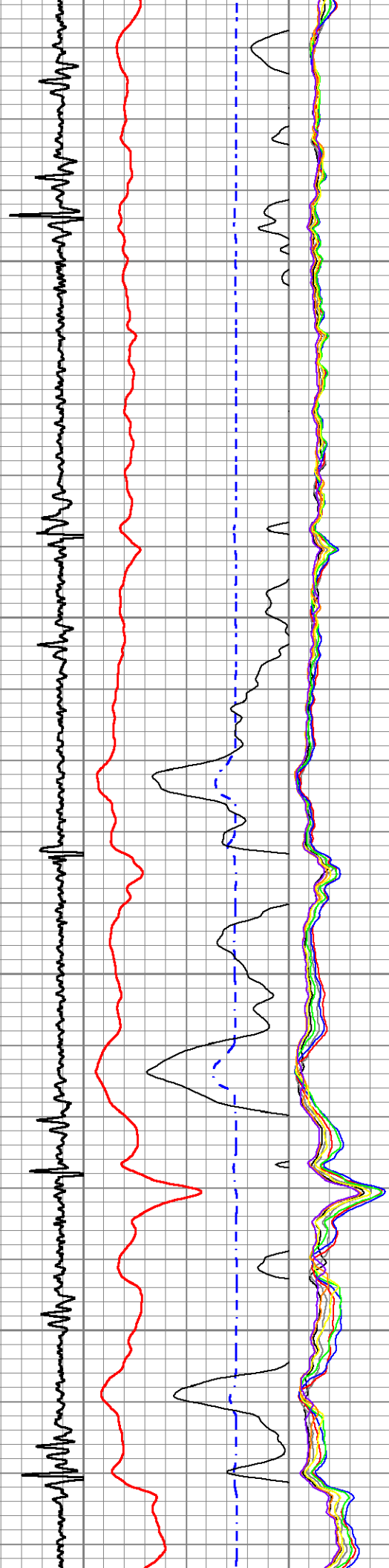
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950

1000

78.94

79.90



1050

1100

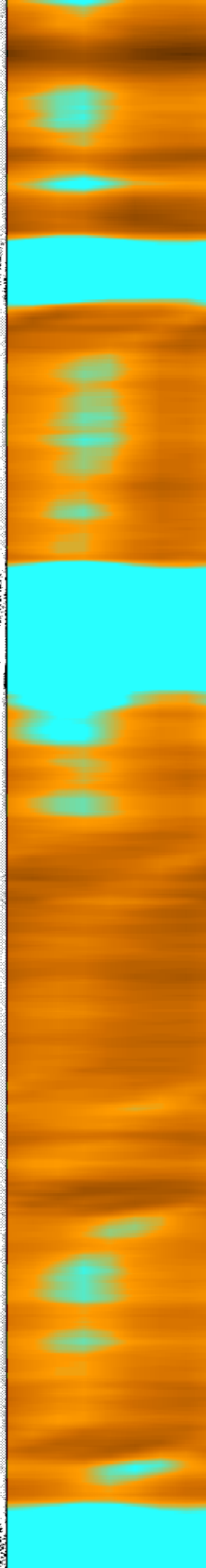
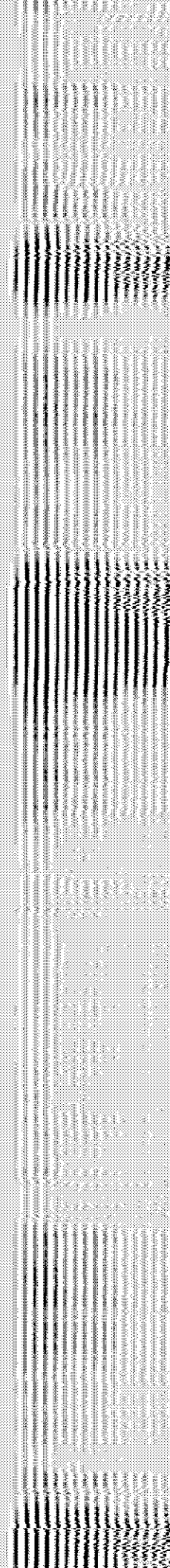
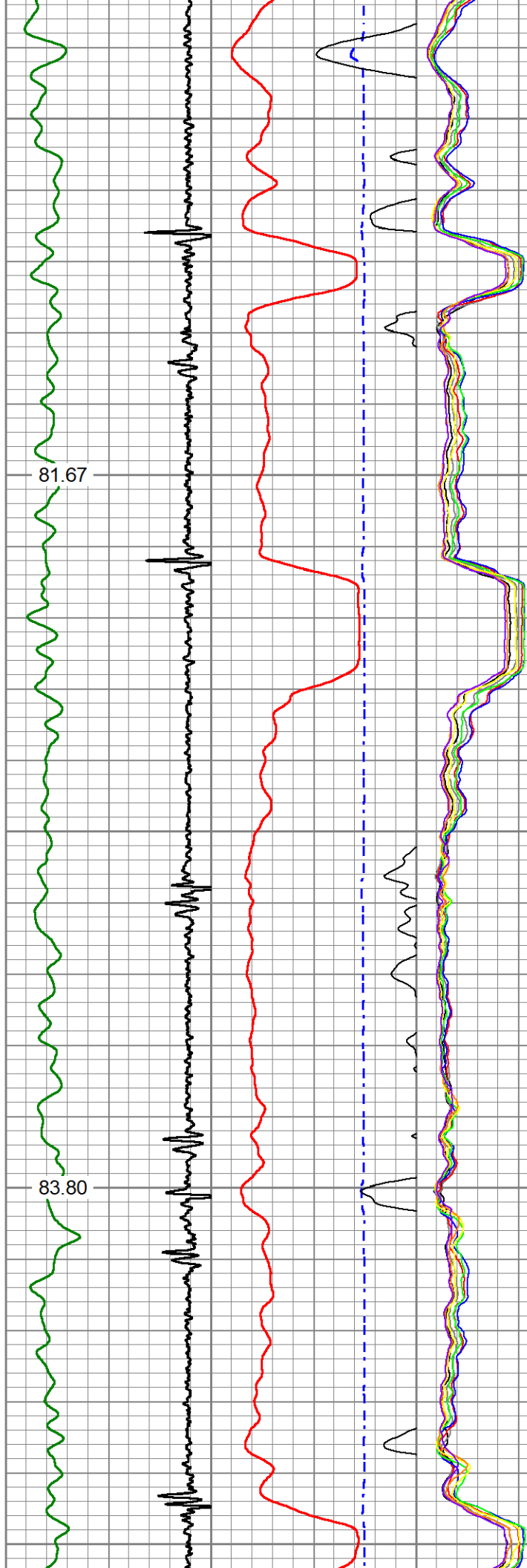
1150

1200

1250

81.67

83.80



1300

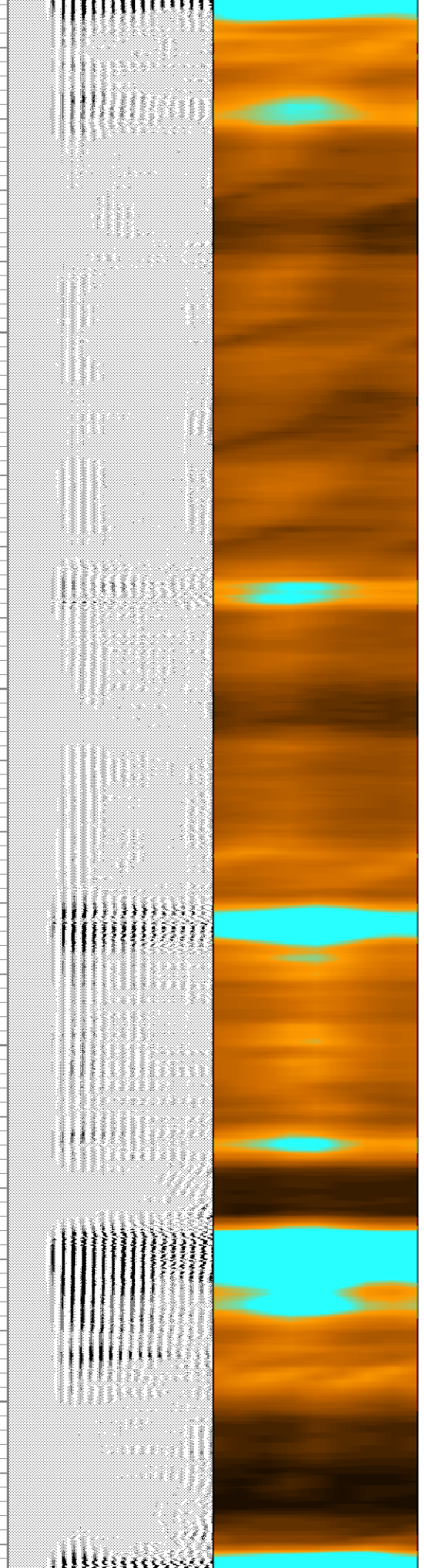
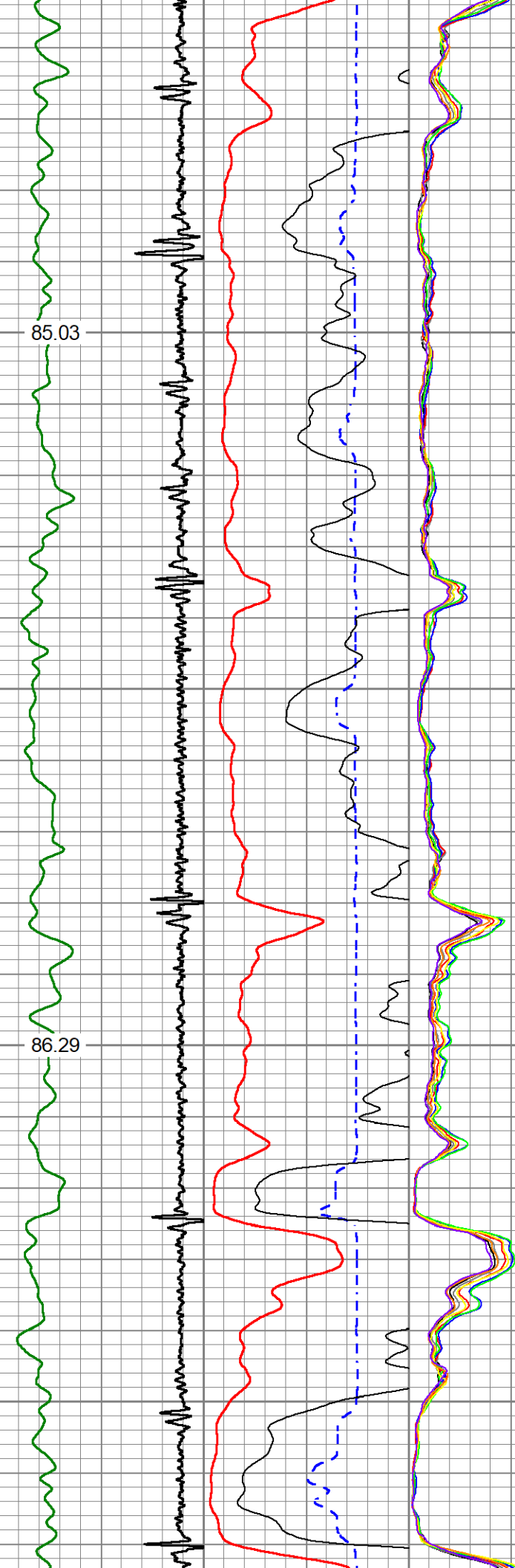
1350

1400

1450

85.03

86.29



1500

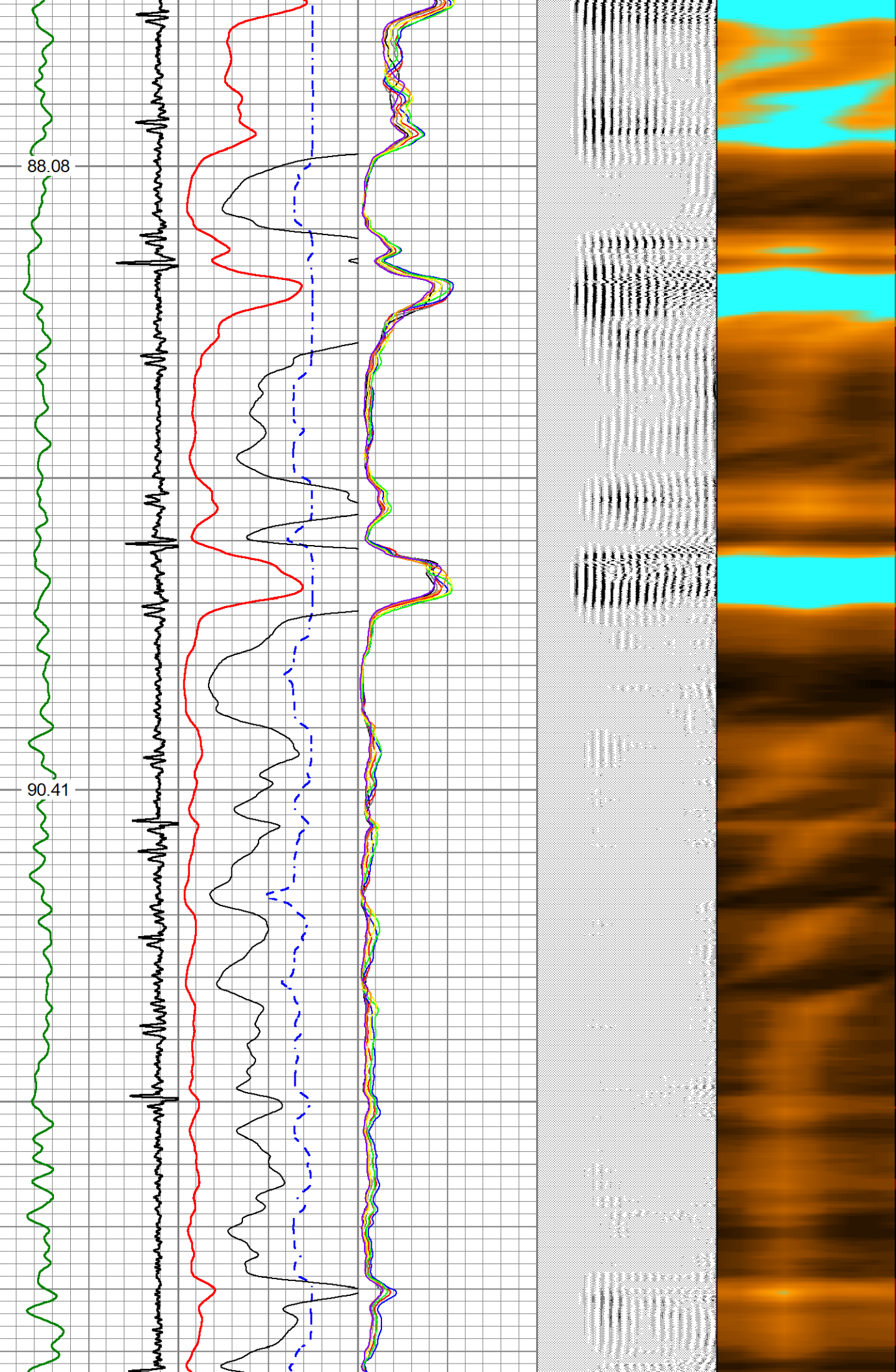
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1600

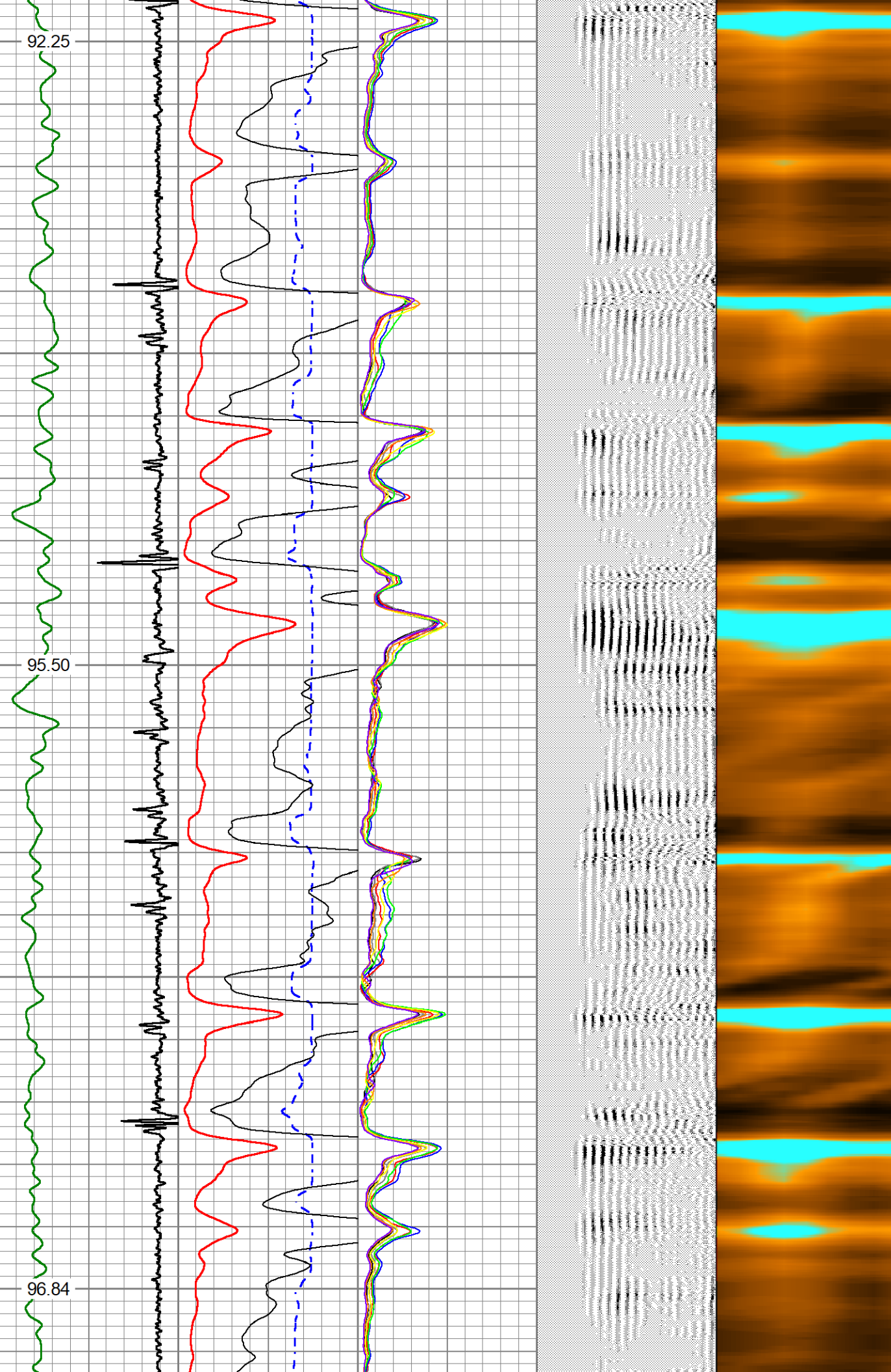
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88.08

90.41



1700
1750
1800
1850
1900



1950

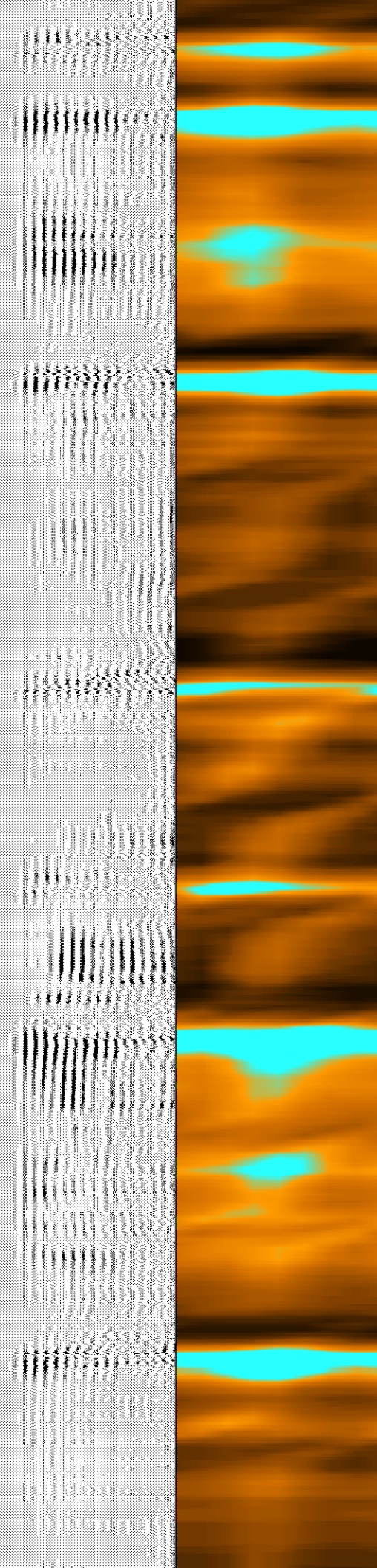
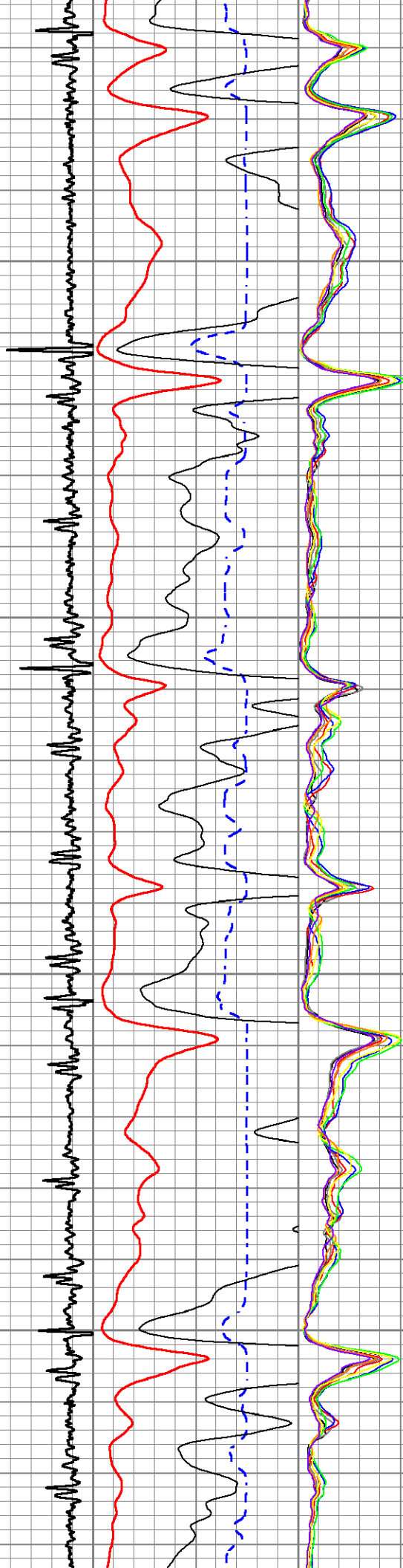
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2050

2100

98.01

99.57



2150

2200

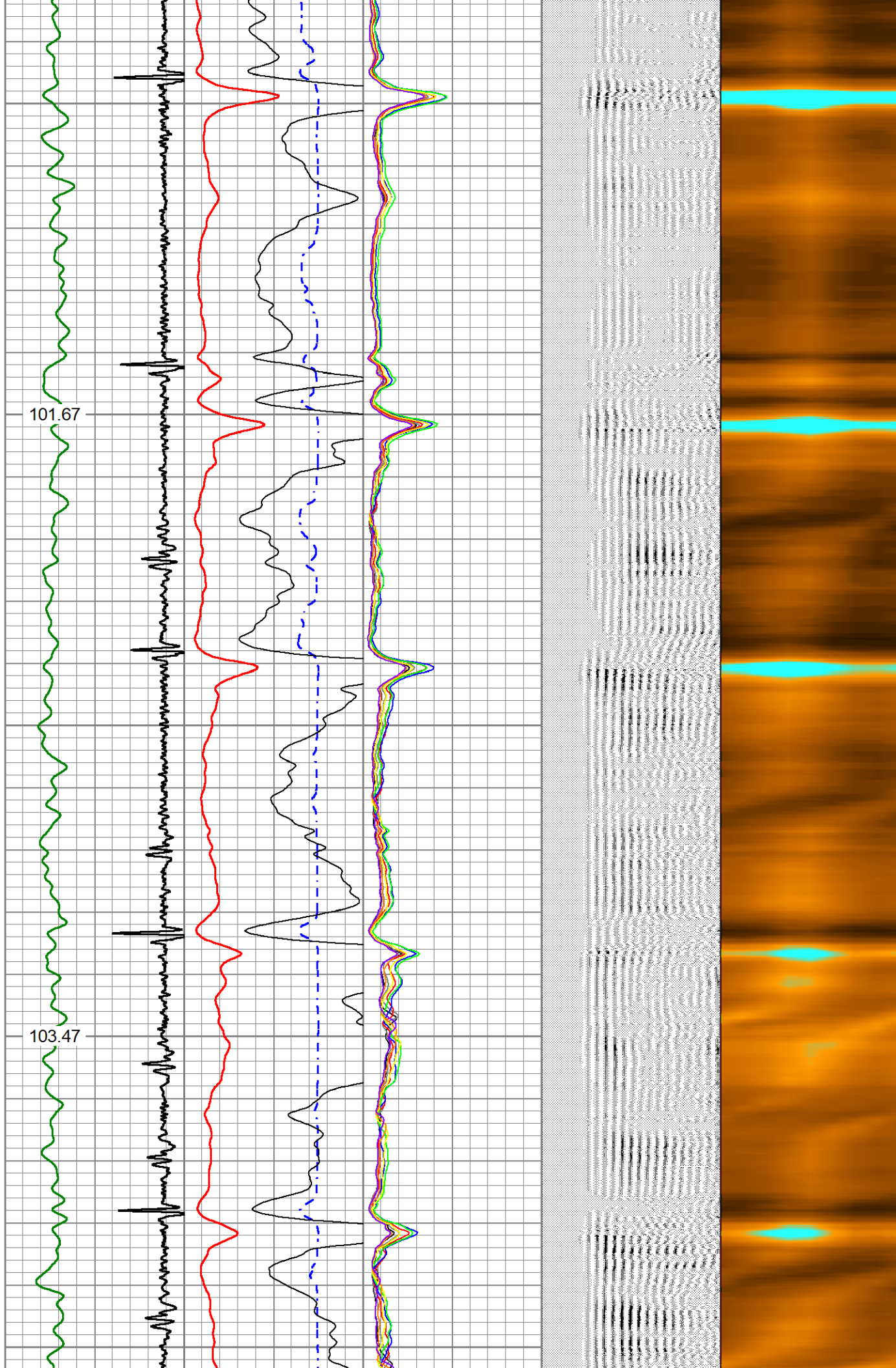
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2300

2350

101.67

103.47



2400

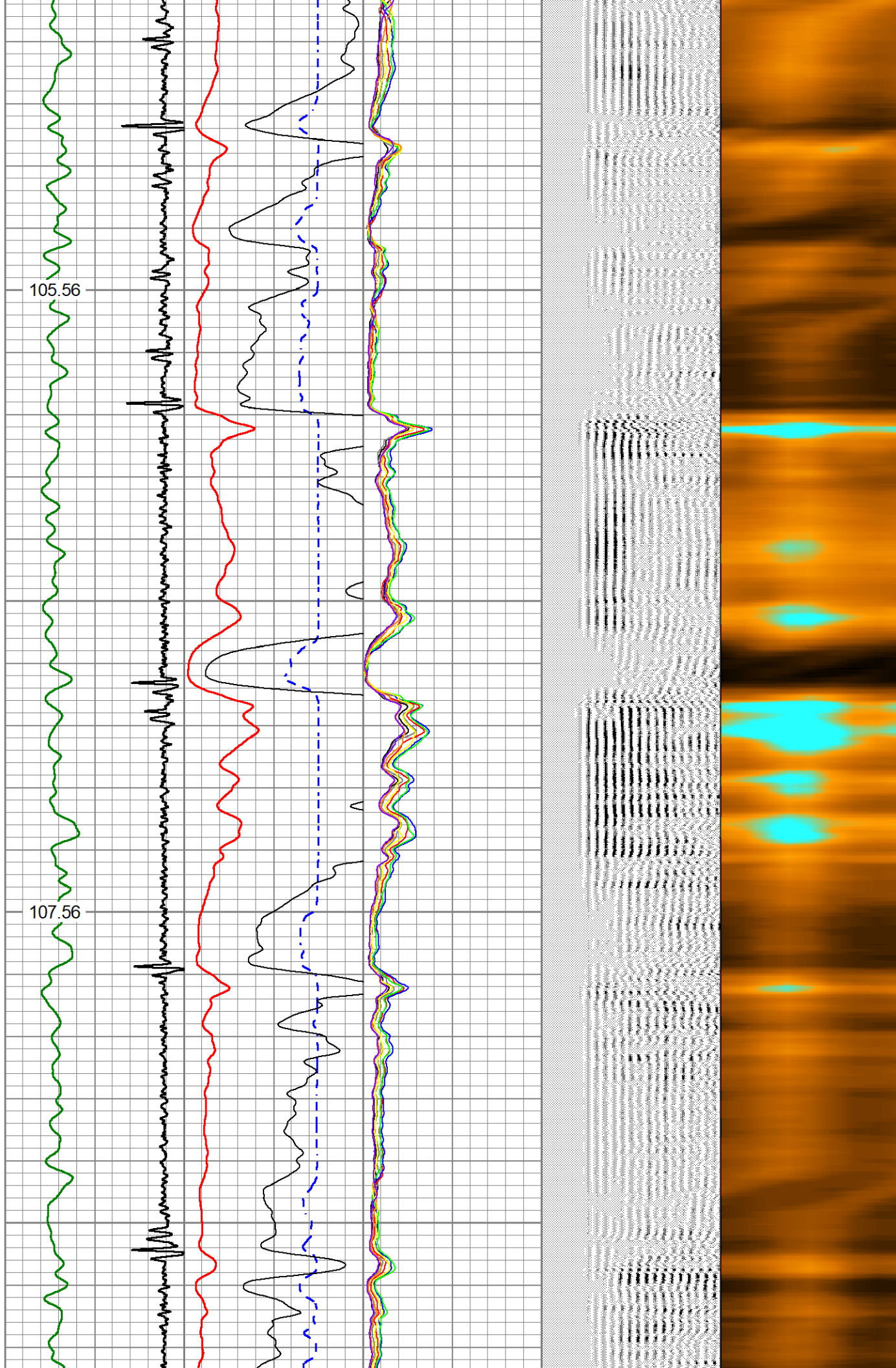
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2500

2550

105.56

107.56



2600

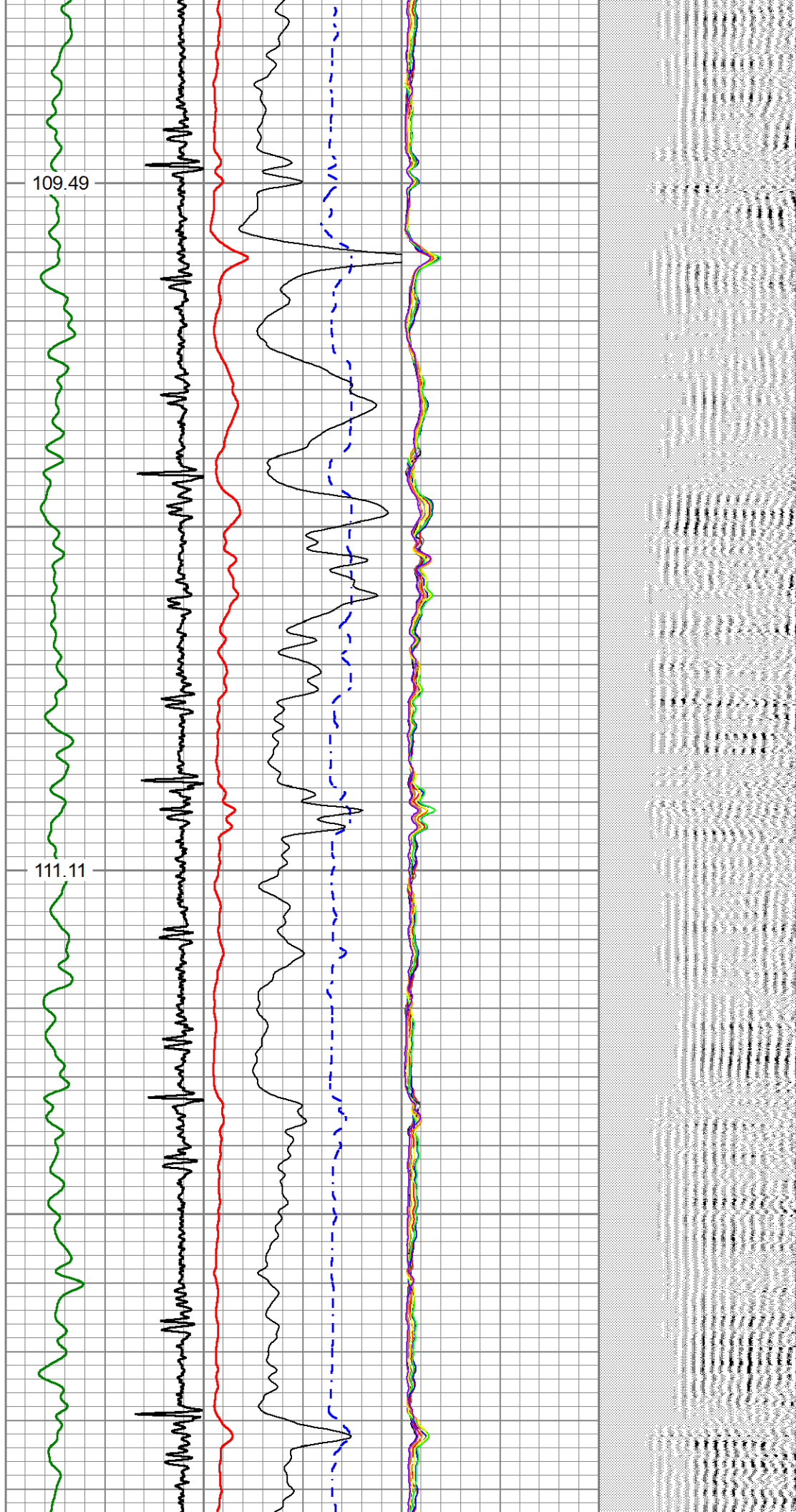
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2700

2750

109.49

111.11



2800

2850

2900

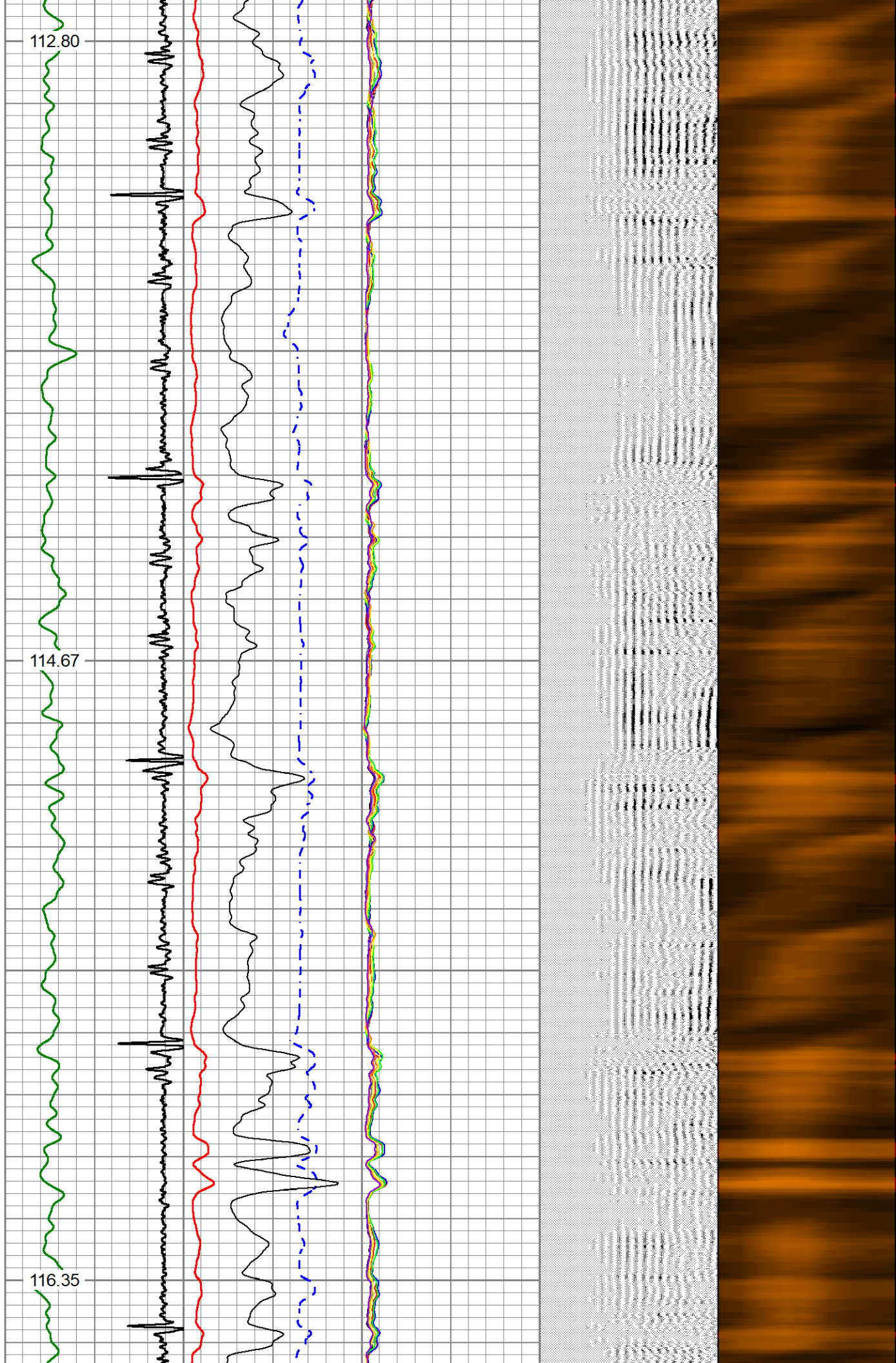
2950

3000

112.80

114.67

116.35



3050

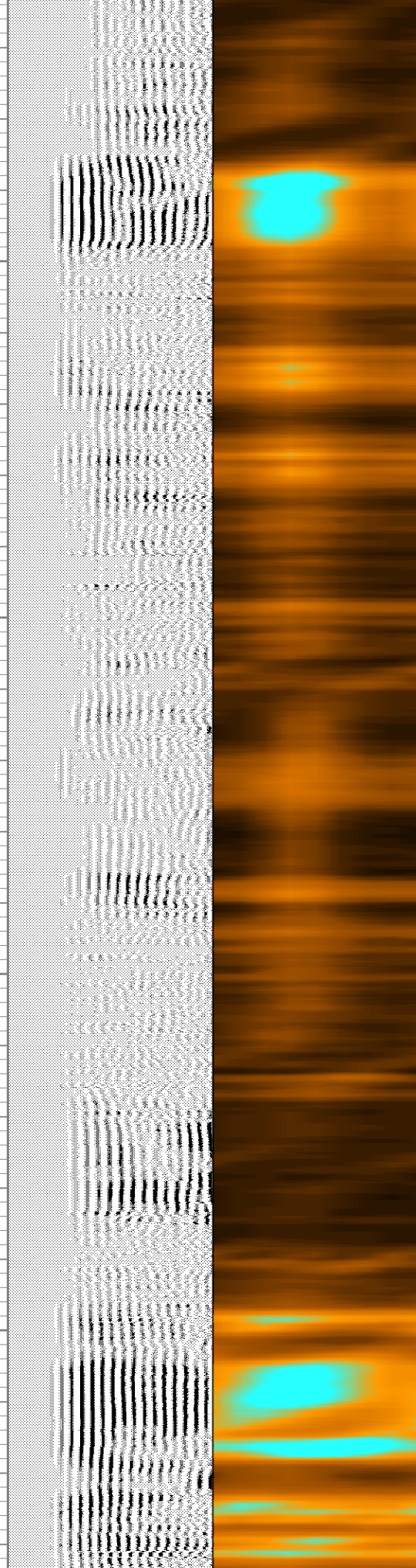
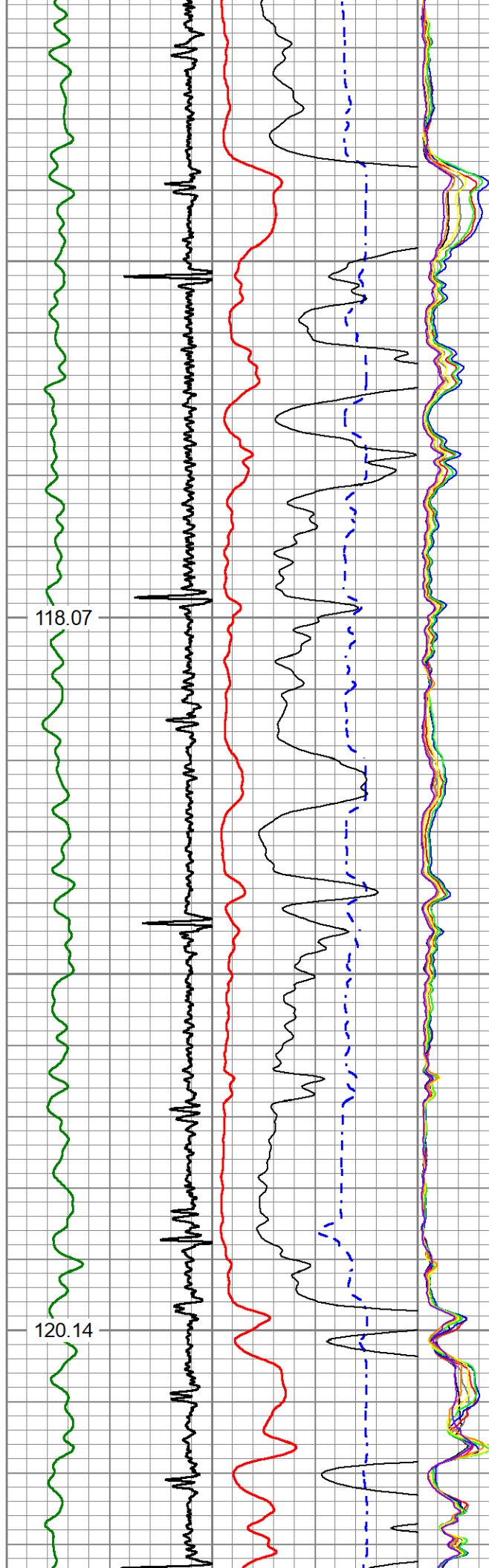
3100

3150

3200

118.07

120.14



3250

3300

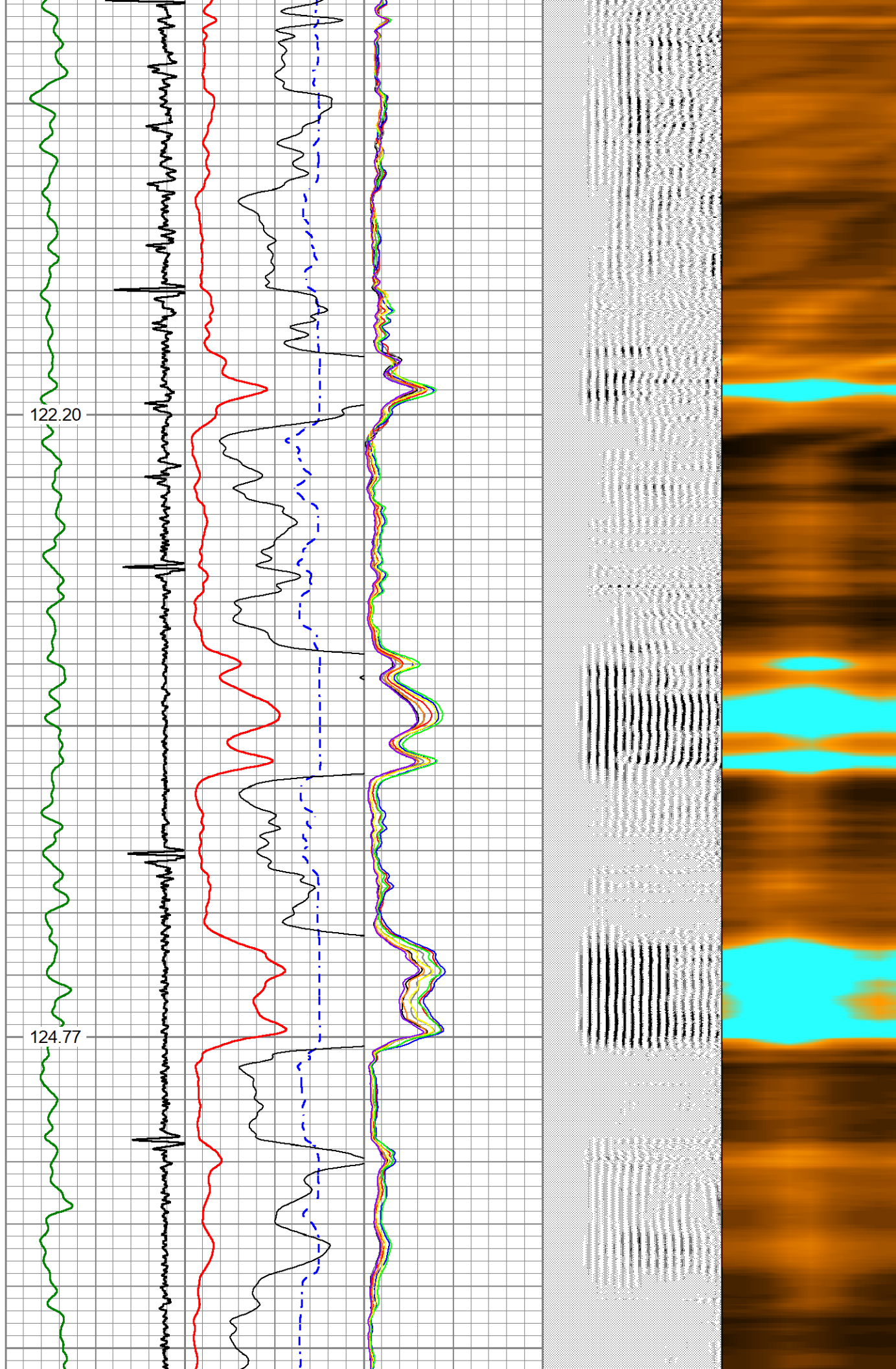
3350

3400

3450

122.20

124.77



3500

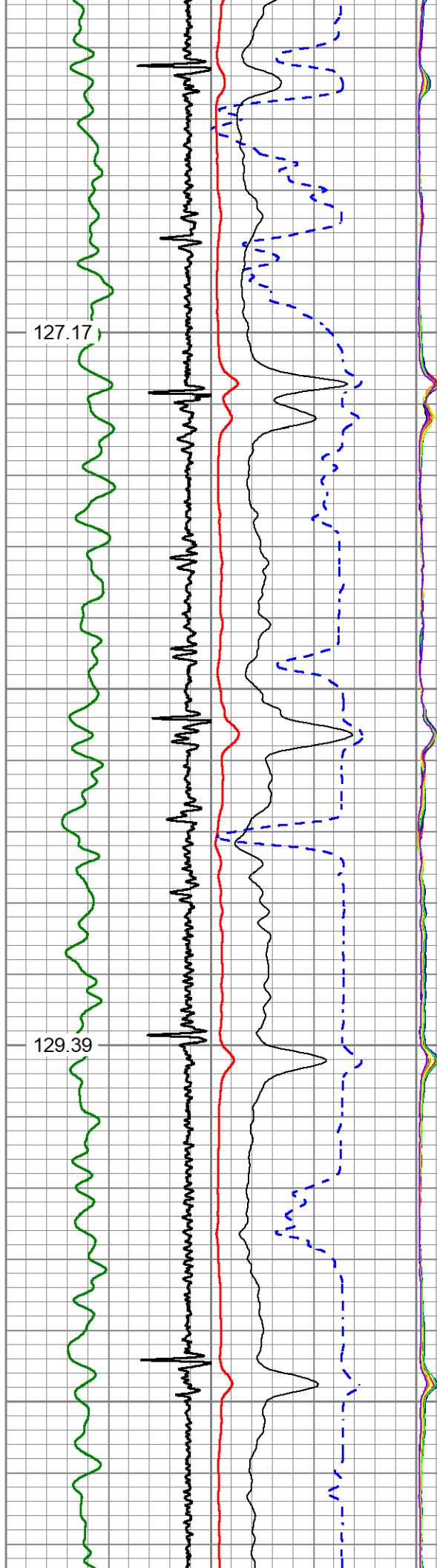
127.17

3550

3600

129.39

3650



127.17
129.39

3700

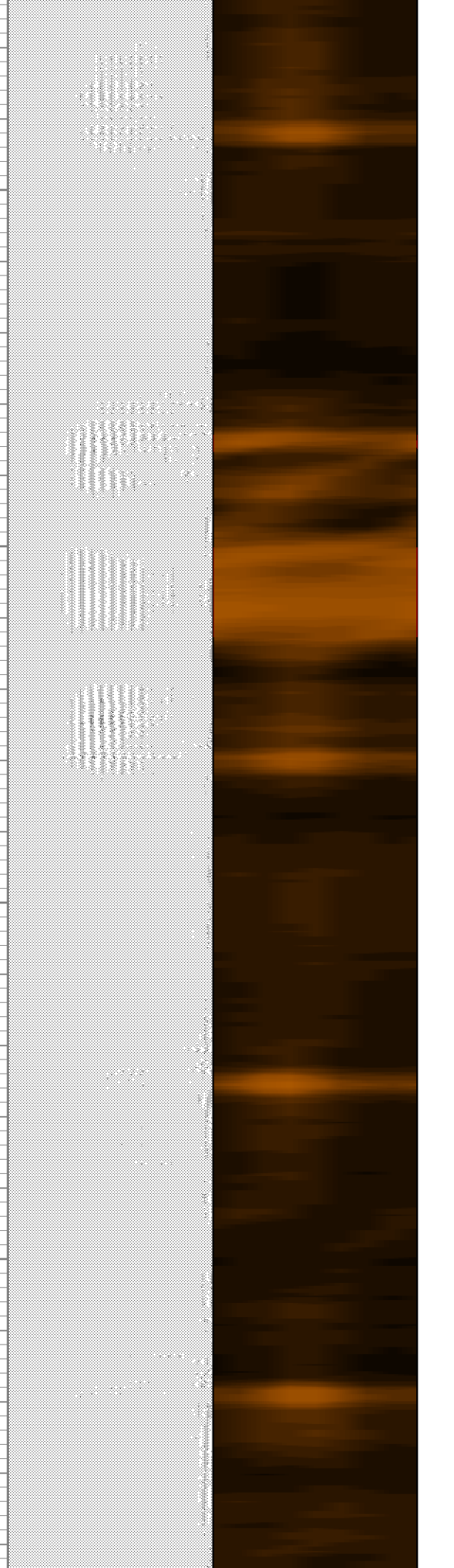
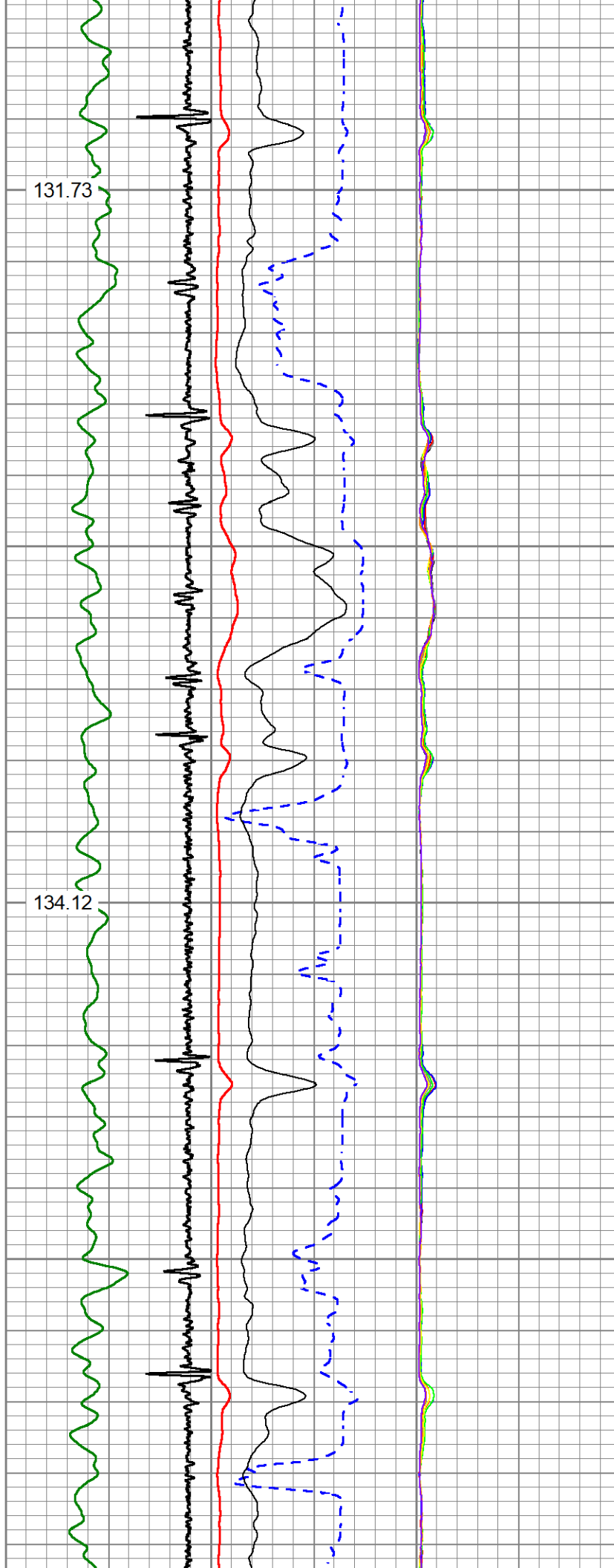
131.73

3750

3800

134.12

3850



3900

136.58

3950

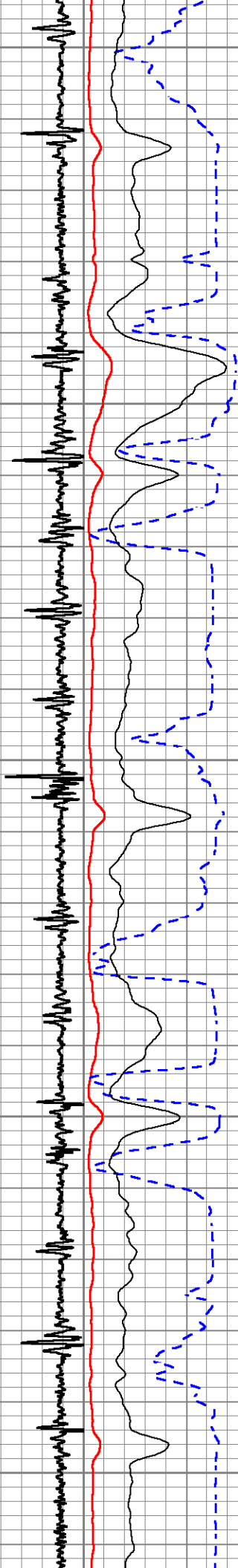
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139.20

4050

4100

141.68



136.58
139.20
141.68

4150

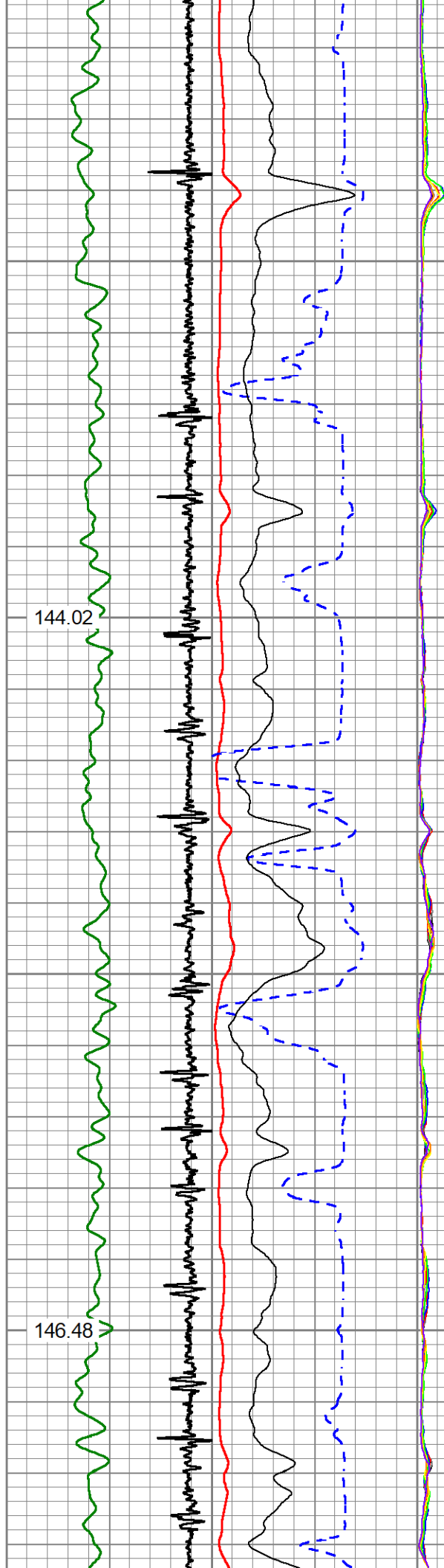
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4250

4300

144.02

146.48



4350

4400

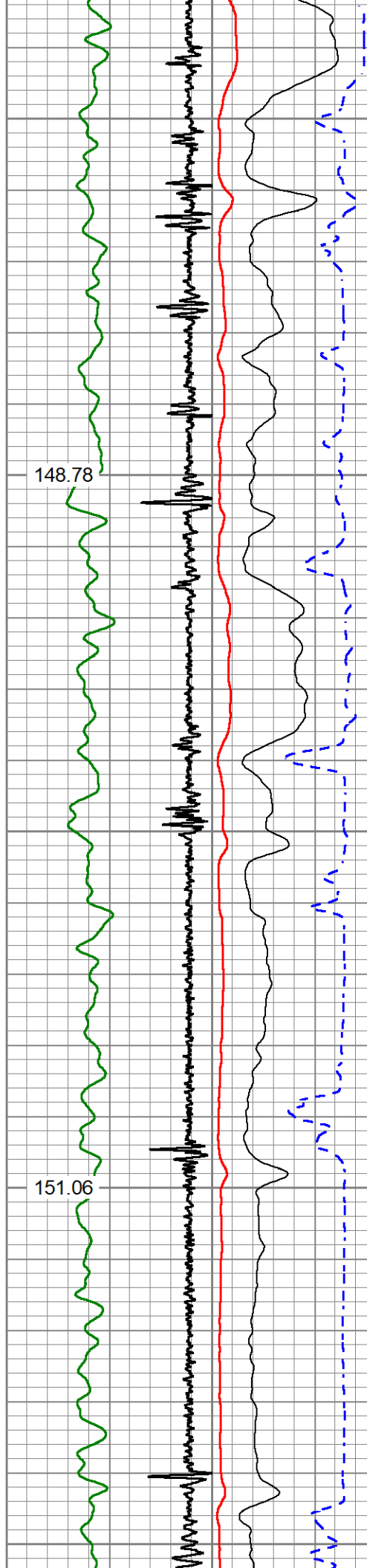
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4500

4550

148.78

151.06



148.78

151.06

148.78

151.06

148.78

151.06

4600

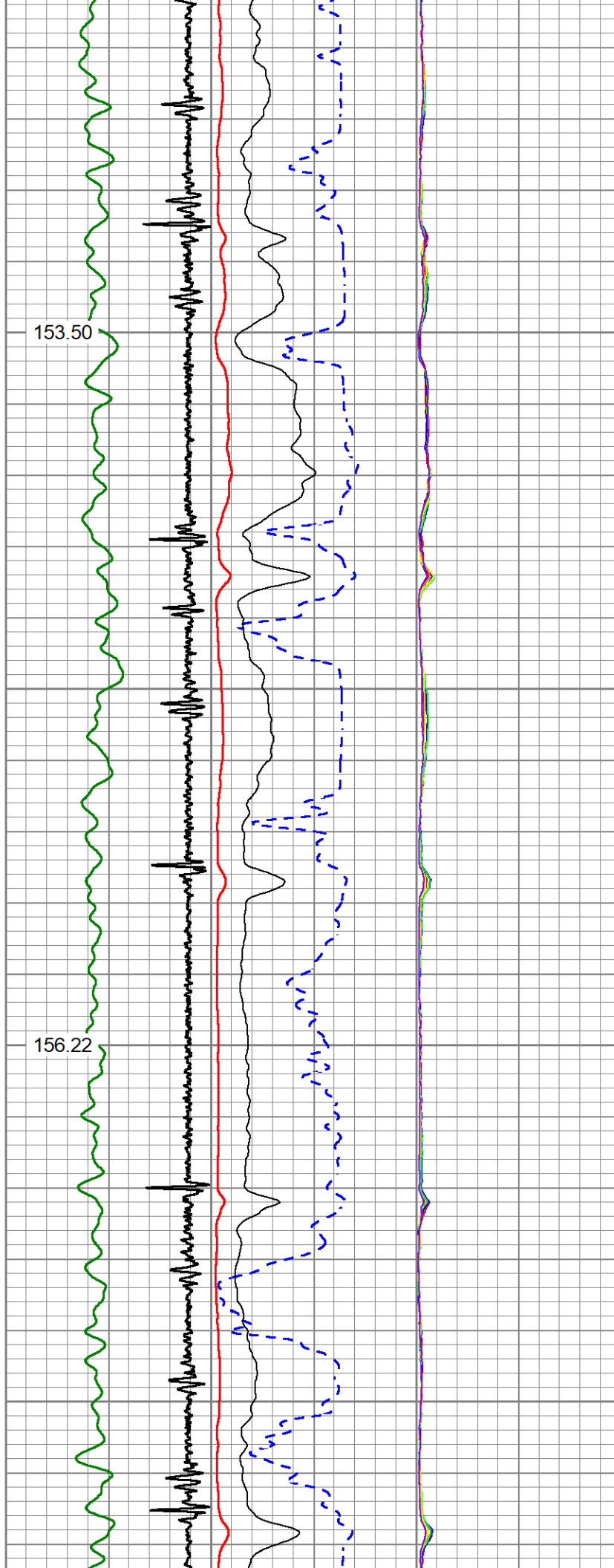
153.50

4650

4700

156.22

4750



153.50

156.22

159.88

163.54

167.20

170.86

174.52

178.18

181.84

4800

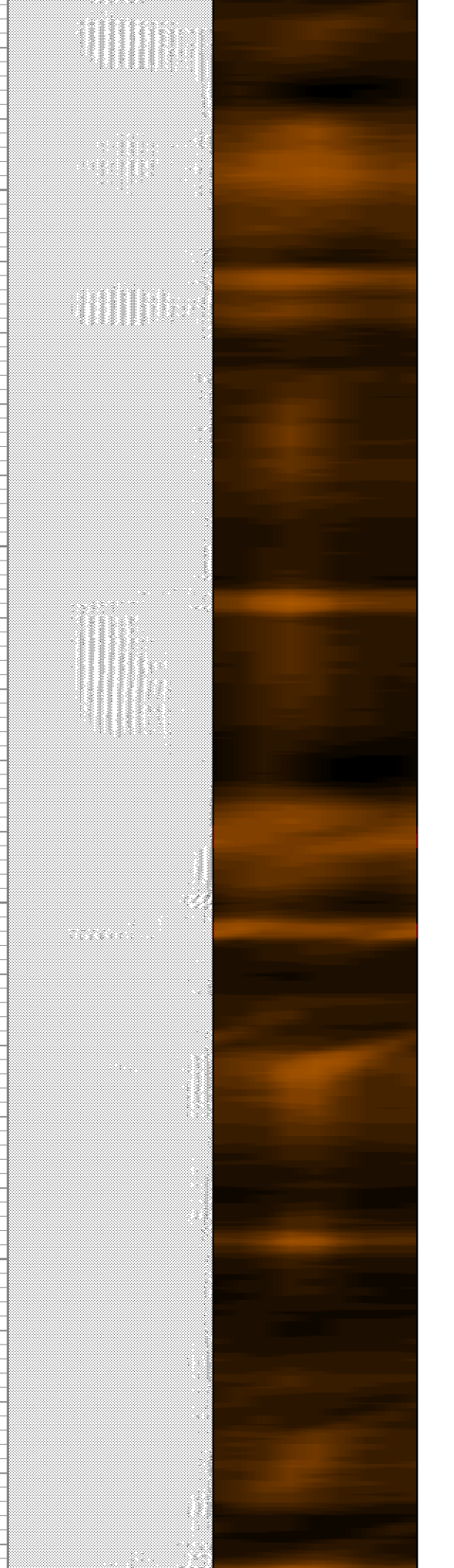
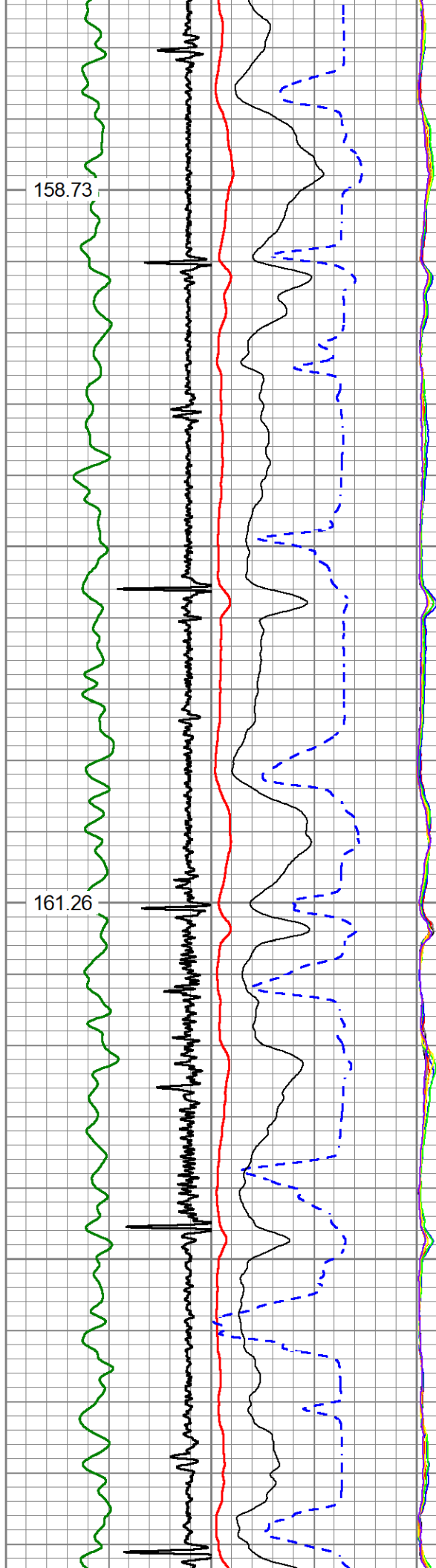
158.73

4850

4900

161.26

4950



5000

163.99

5050

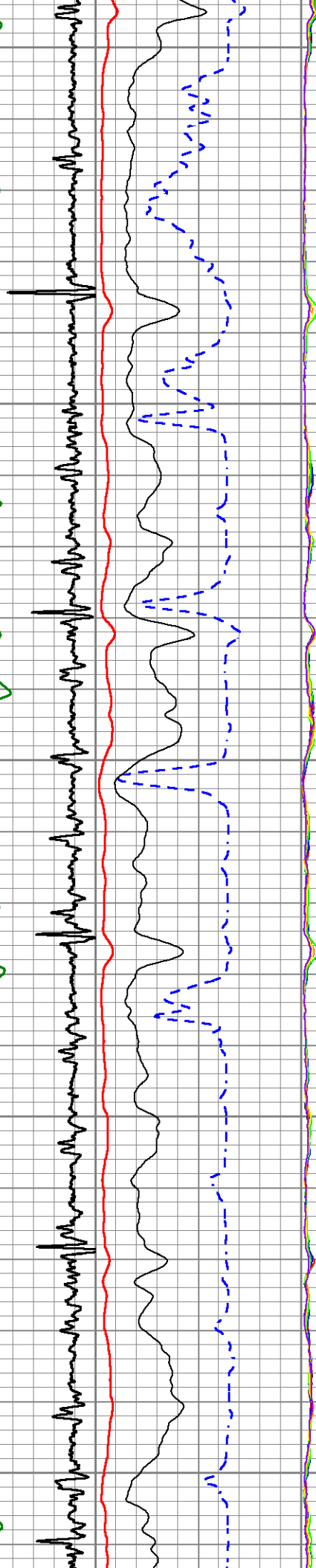
5100

166.64

5150

5200

169.03



5450

5500

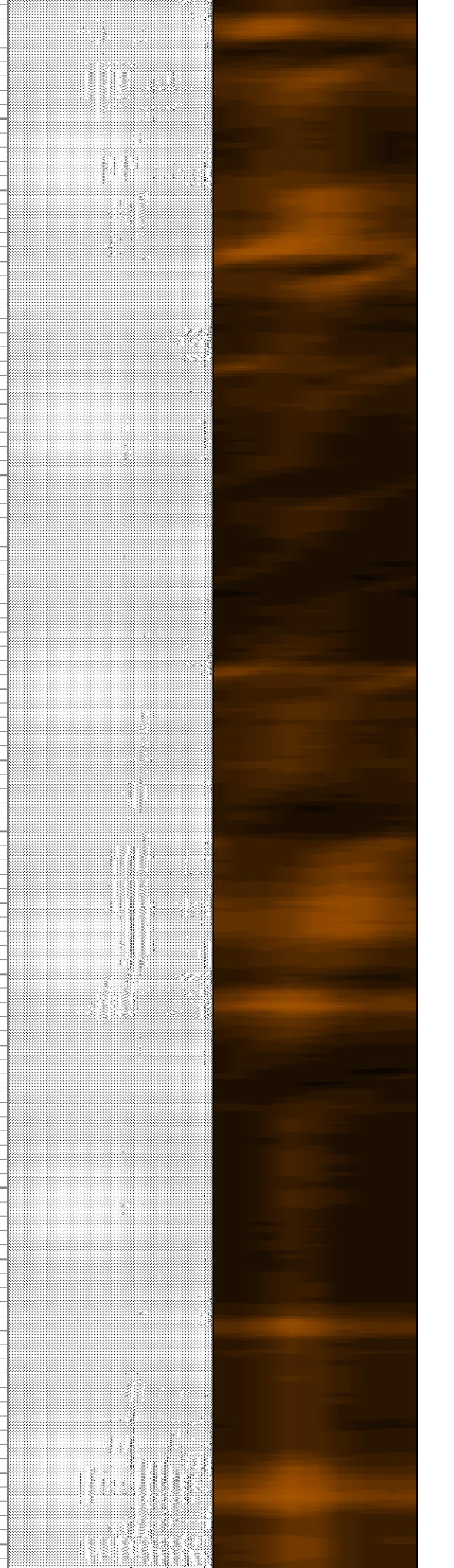
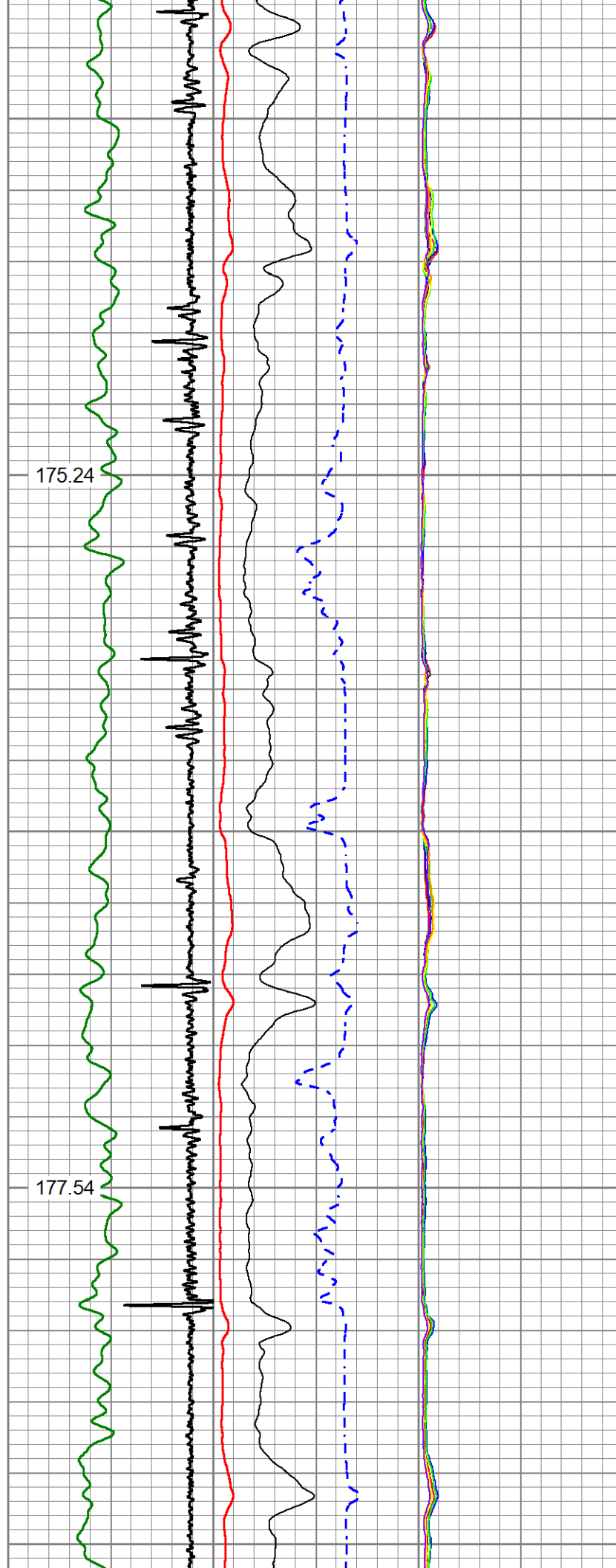
5550

5600

5650

175.24

177.54



5700

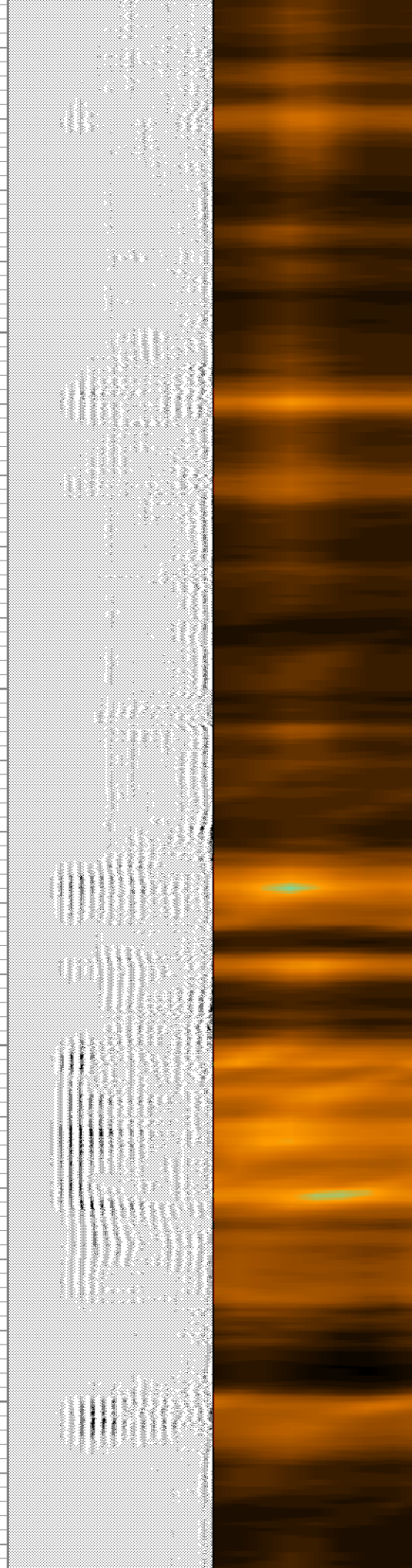
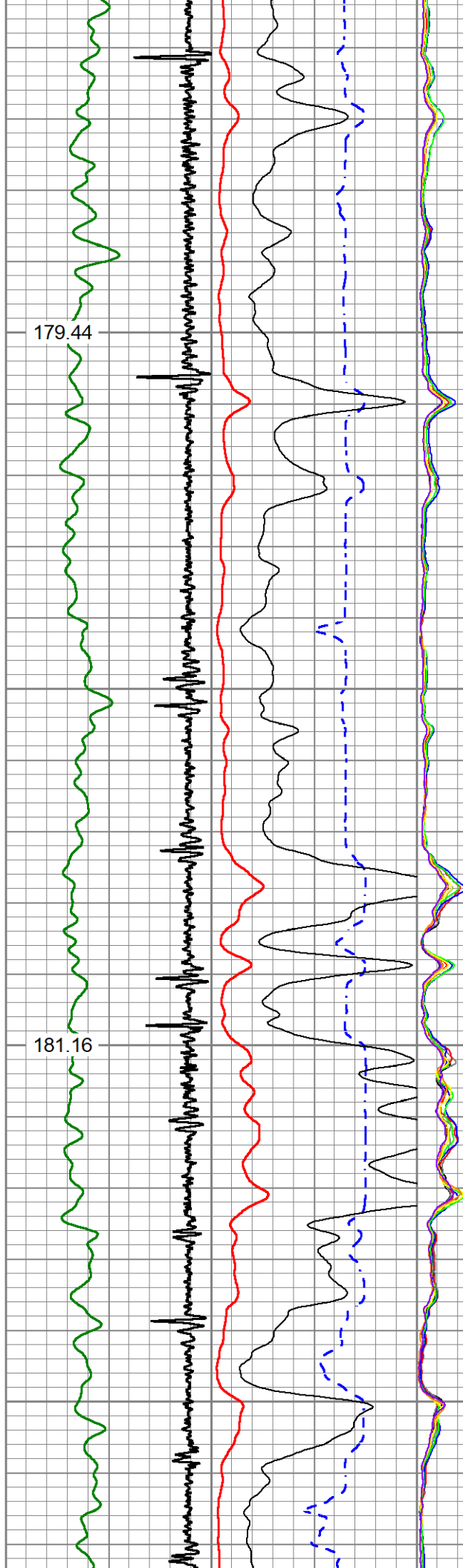
179.44

5750

5800

181.16

5850



5900

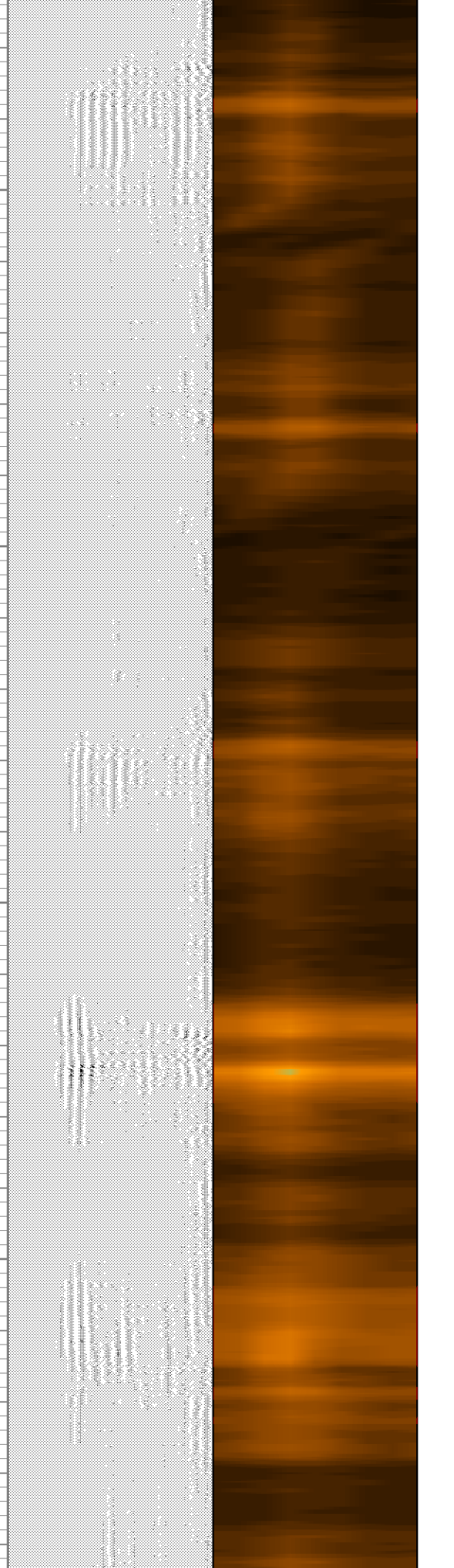
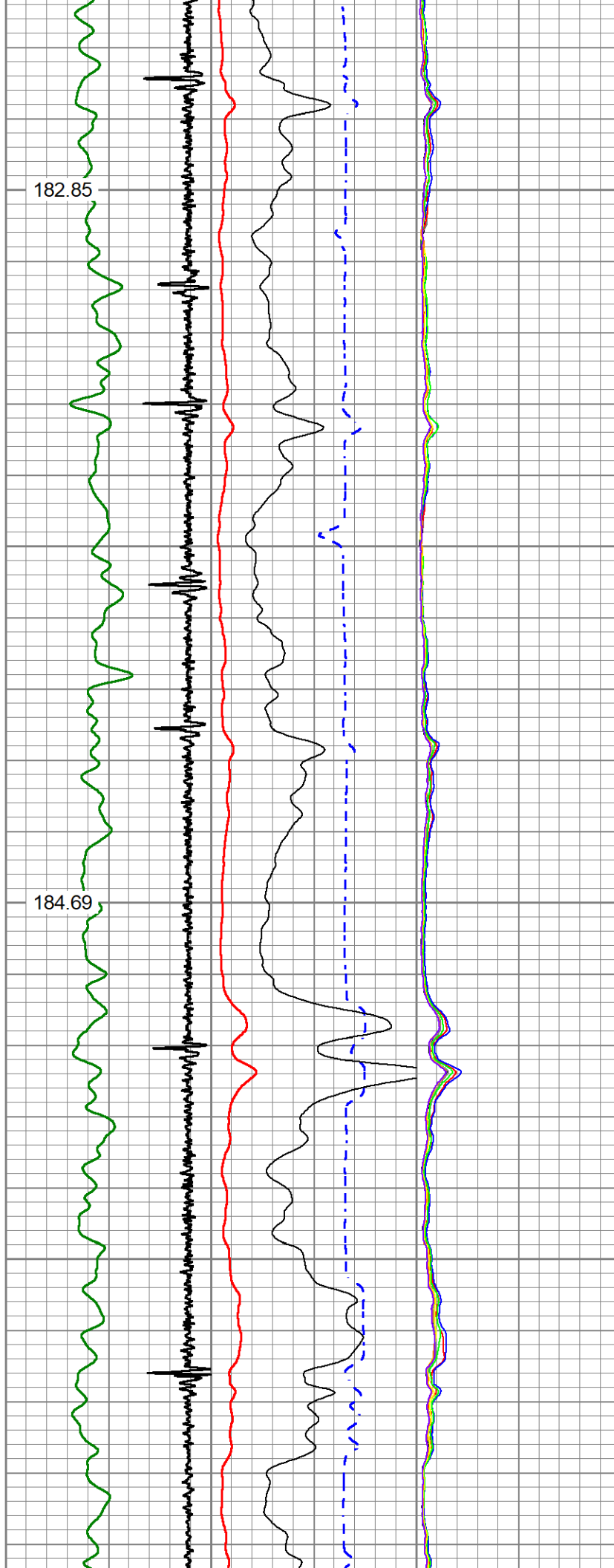
182.85

5950

6000

184.69

6050



6100

186.60

6150

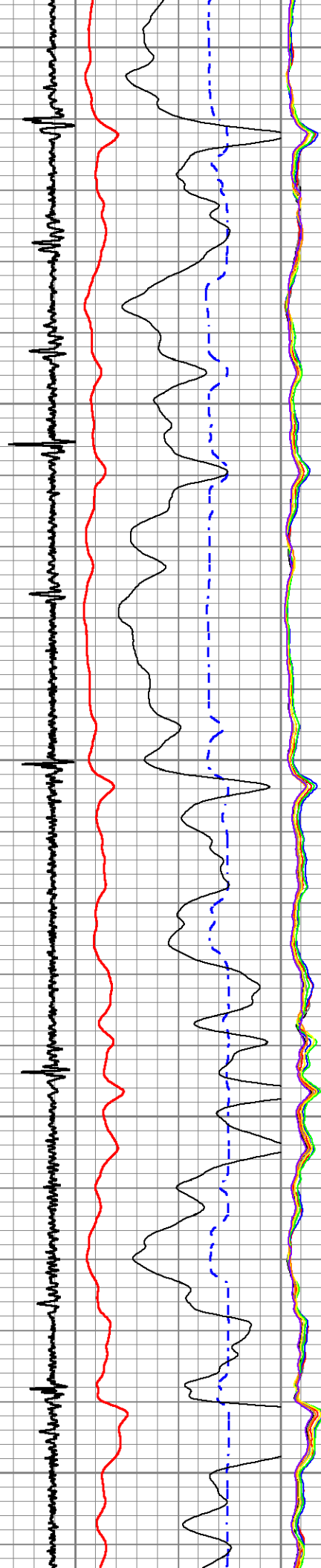
6200

188.74

6250

6300

190.79



1. The first trace is a black line, which is the most prominent and shows the highest amplitude. It has a series of sharp peaks and troughs, indicating high-frequency seismic activity. The peaks are generally higher than the troughs, suggesting a strong seismic event.

2. The second trace is a red line, which is slightly lower in amplitude than the black line. It follows a similar pattern of peaks and troughs, but with slightly less pronounced features. This suggests a secondary seismic event or a different component of the same event.

3. The third trace is a blue line, which is the lowest in amplitude among the three main traces. It shows a similar pattern of peaks and troughs, but with much smaller amplitude. This could represent a third component of the seismic event or a different type of seismic activity.

4. The fourth trace is a green line, which is also low in amplitude. It shows a similar pattern of peaks and troughs, but with even smaller amplitude than the blue line. This could represent a fourth component of the seismic event or a different type of seismic activity.

5. The fifth trace is a yellow line, which is also low in amplitude. It shows a similar pattern of peaks and troughs, but with even smaller amplitude than the green line. This could represent a fifth component of the seismic event or a different type of seismic activity.

6. The sixth trace is a purple line, which is also low in amplitude. It shows a similar pattern of peaks and troughs, but with even smaller amplitude than the yellow line. This could represent a sixth component of the seismic event or a different type of seismic activity.

7. The seventh trace is a black line, which is the most prominent and shows the highest amplitude. It has a series of sharp peaks and troughs, indicating high-frequency seismic activity. The peaks are generally higher than the troughs, suggesting a strong seismic event.

6350

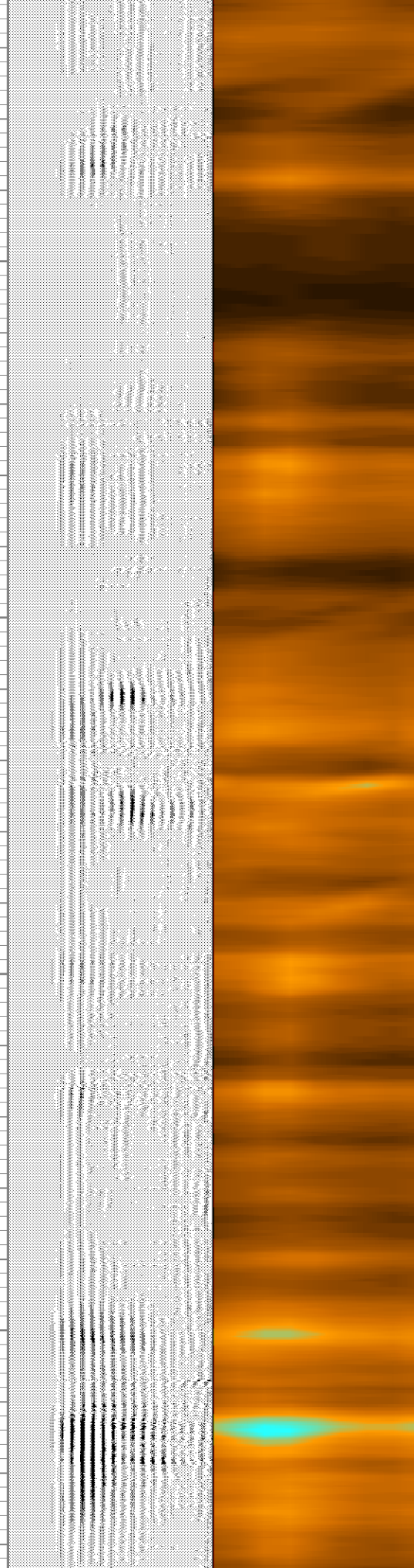
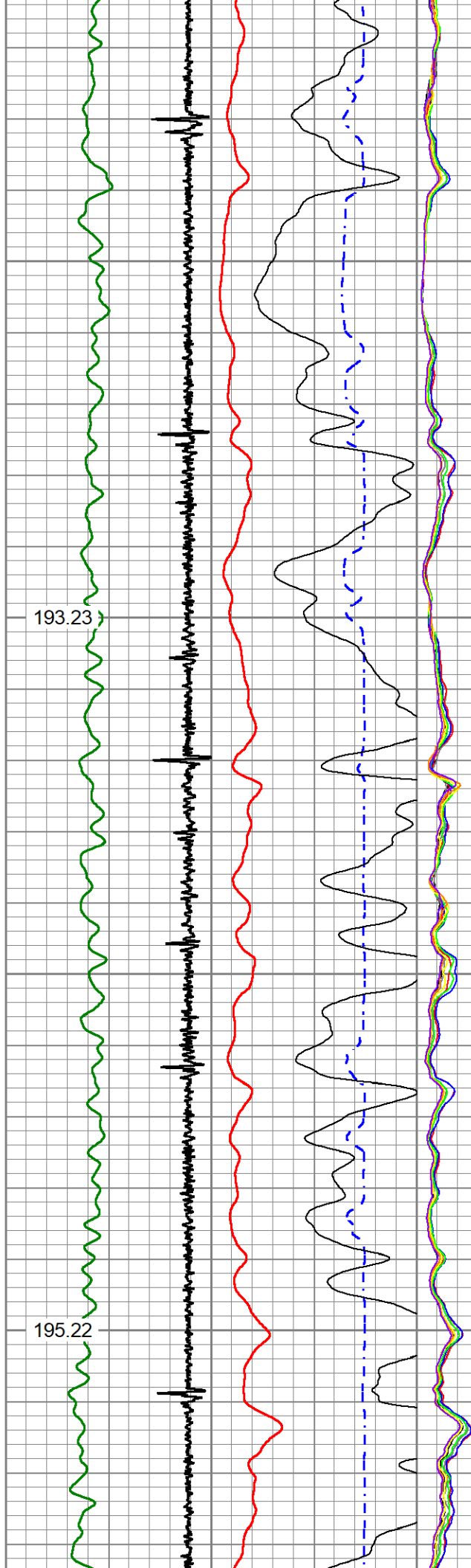
6400

6450

6500

193.23

195.22



6550

6600

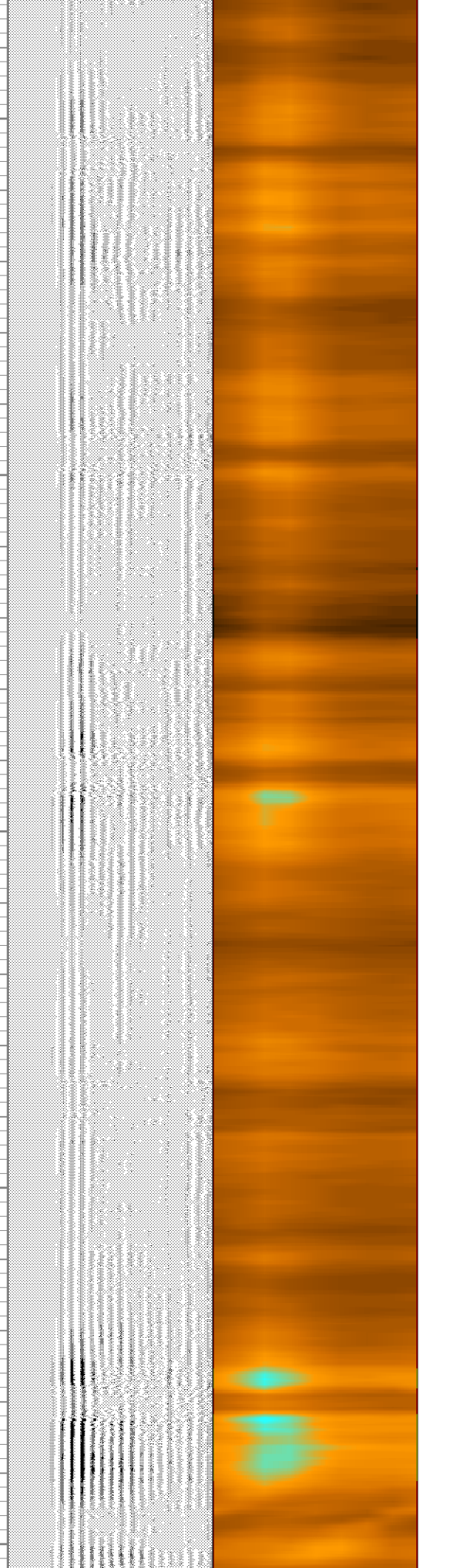
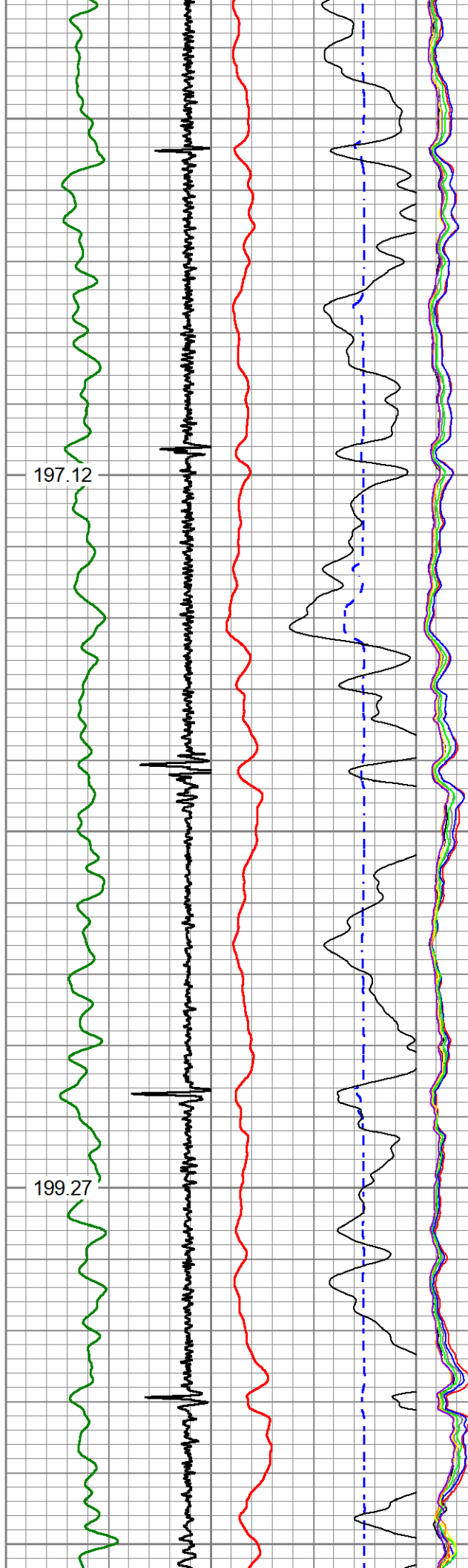
6650

6700

6750

197.12

199.27



6800

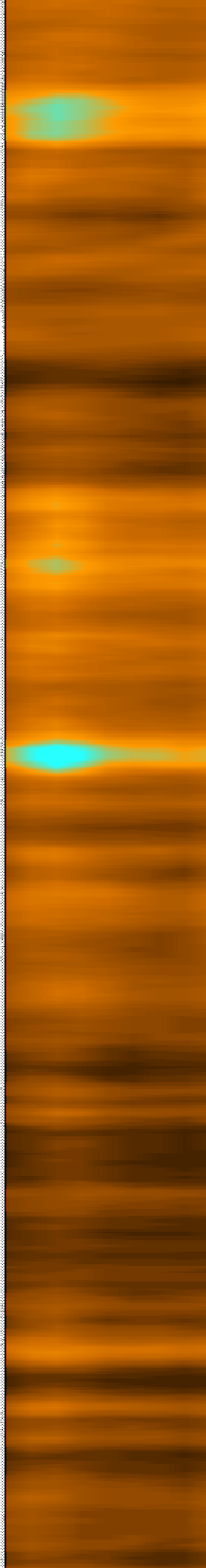
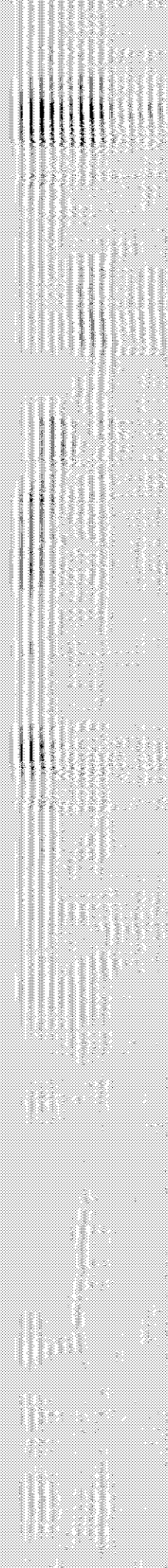
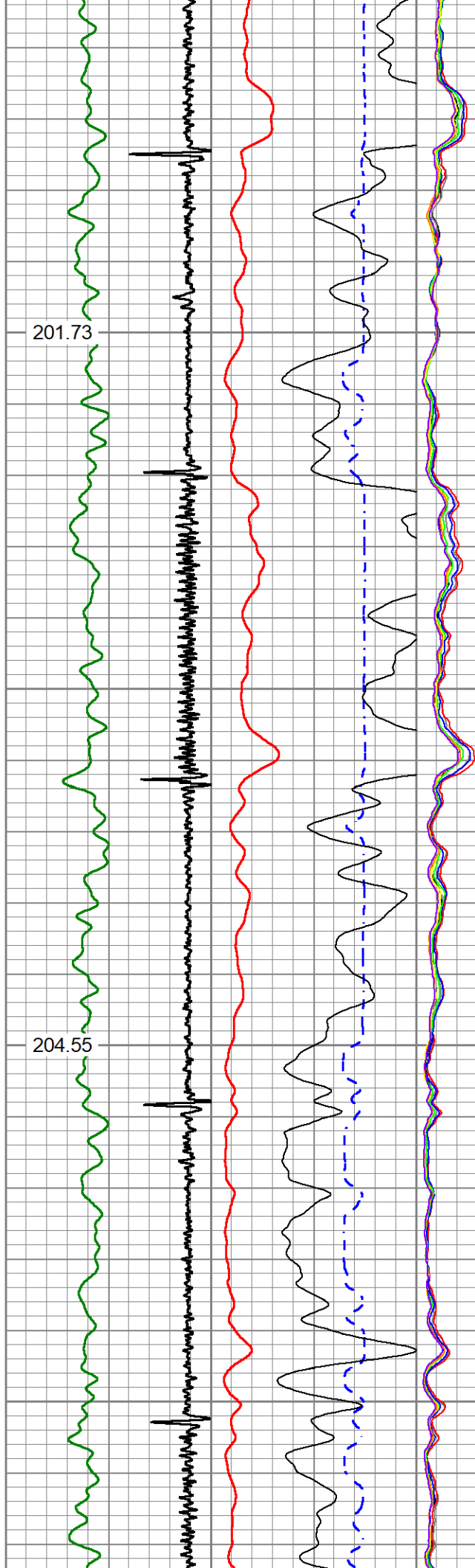
6850

6900

6950

201.73

204.55



7000

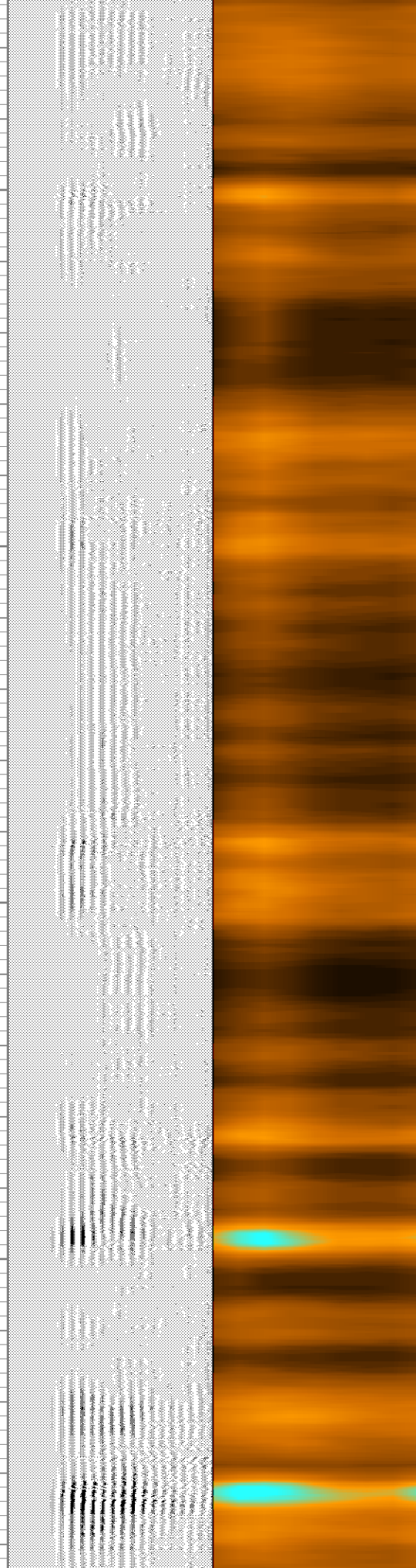
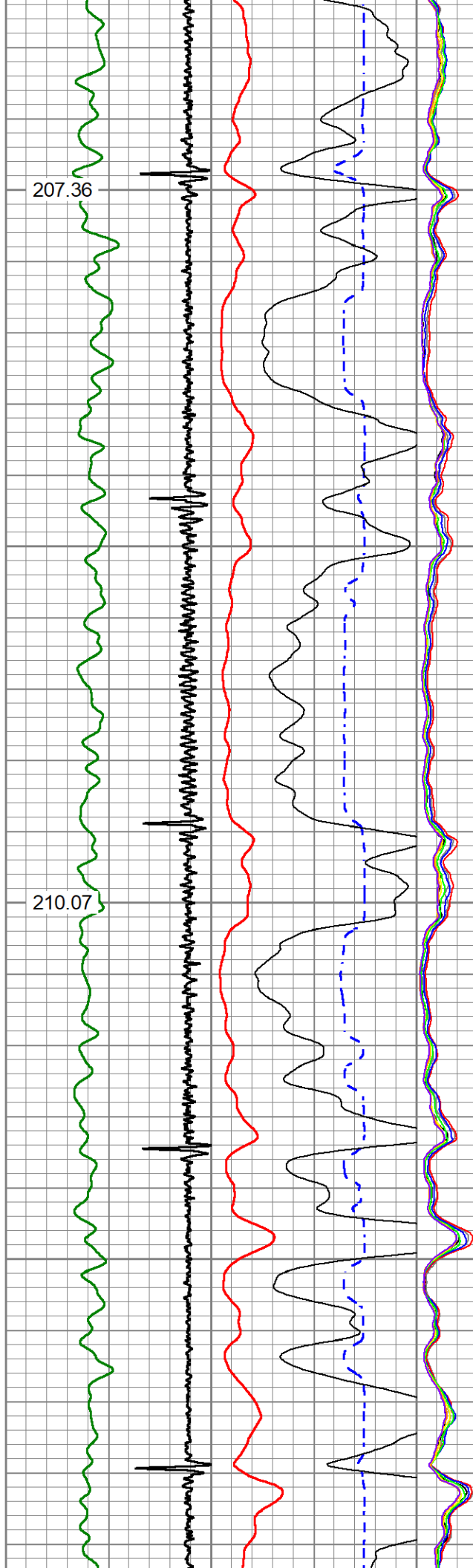
7050

7100

7150

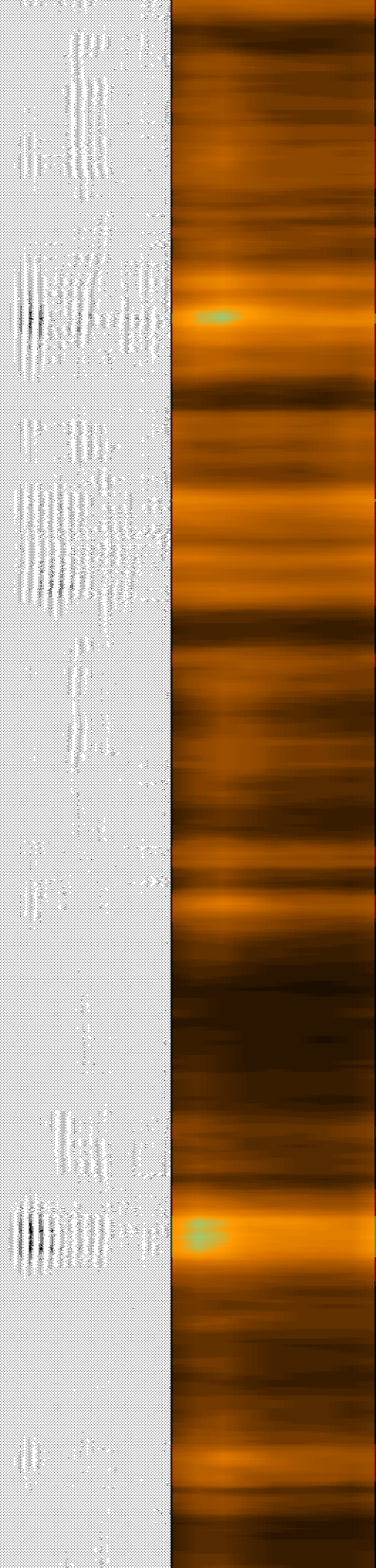
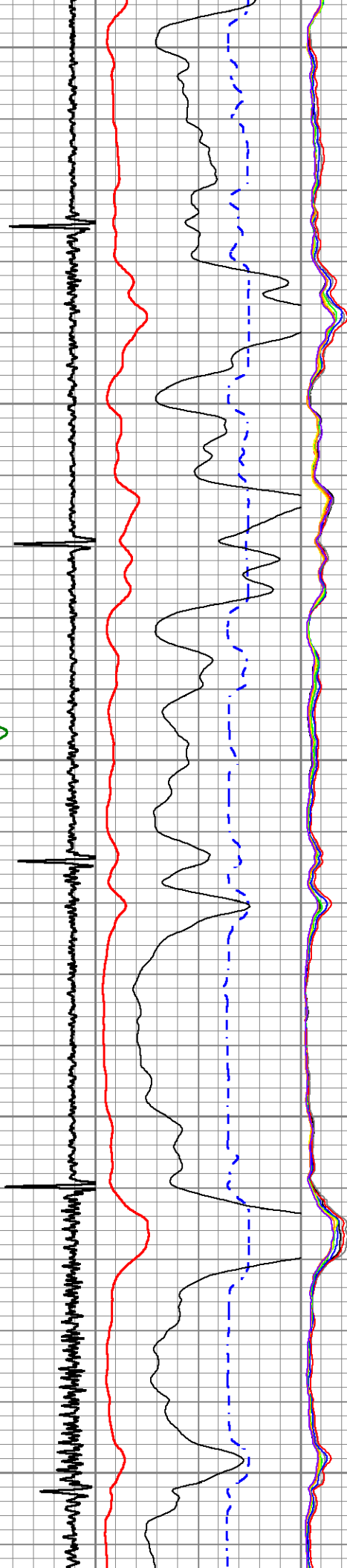
207.36

210.07



7200
7250
7300
7350
7400

212.64
215.34
218.19



7450

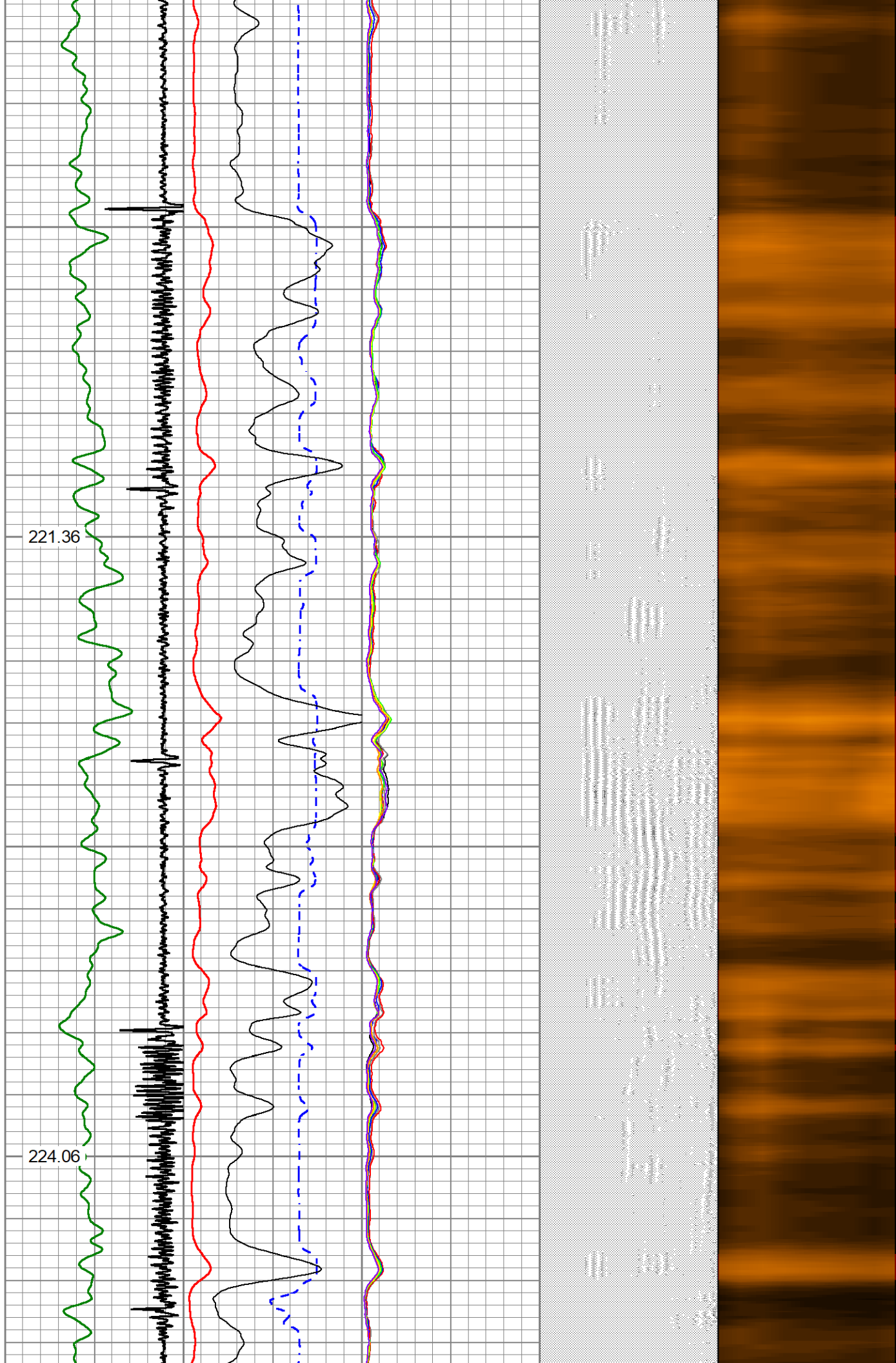
7500

7550

7600

221.36

224.06



7650

GR

CCL\$1

TT

AMPS8

AMPS7

AMPS6

AMPS5

AMPS4

AMPS3

AMPS2

AMPS1

AMPx5

AMP

7700

226.36

7750

5	CCL\$1	-0.625	0	AMP (mV)	100	0	AMPS1	150	200	VDL (usec)	1200	1	RADIAL MAP	8
0	GR (GAPI)	150	650	TT (usec)	150	0	AMPS2	150						
GCT_TEMP			0	AMPx5 (mV)	20	0	AMPS3	150						
(degF)						0	AMPS4	150						
						0	AMPS5	150						
						0	AMPS6	150						
						0	AMPS7	150						
						0	AMPS8	150						



Repeat Section

5	CCL\$1	-0.625	0	AMP (mV)	100	0	AMPS1	150	200	VDL (usec)	1200	1	RADIAL MAP	8
0	GR (GAPI)	150	650	TT (usec)	150	0	AMPS2	150						
GCT_TEMP			0	AMPx5 (mV)	20	0	AMPS3	150						
(degF)						0	AMPS4	150						
						0	AMPS5	150						
						0	AMPS6	150						
						0	AMPS7	150						
						0	AMPS8	150						

7500

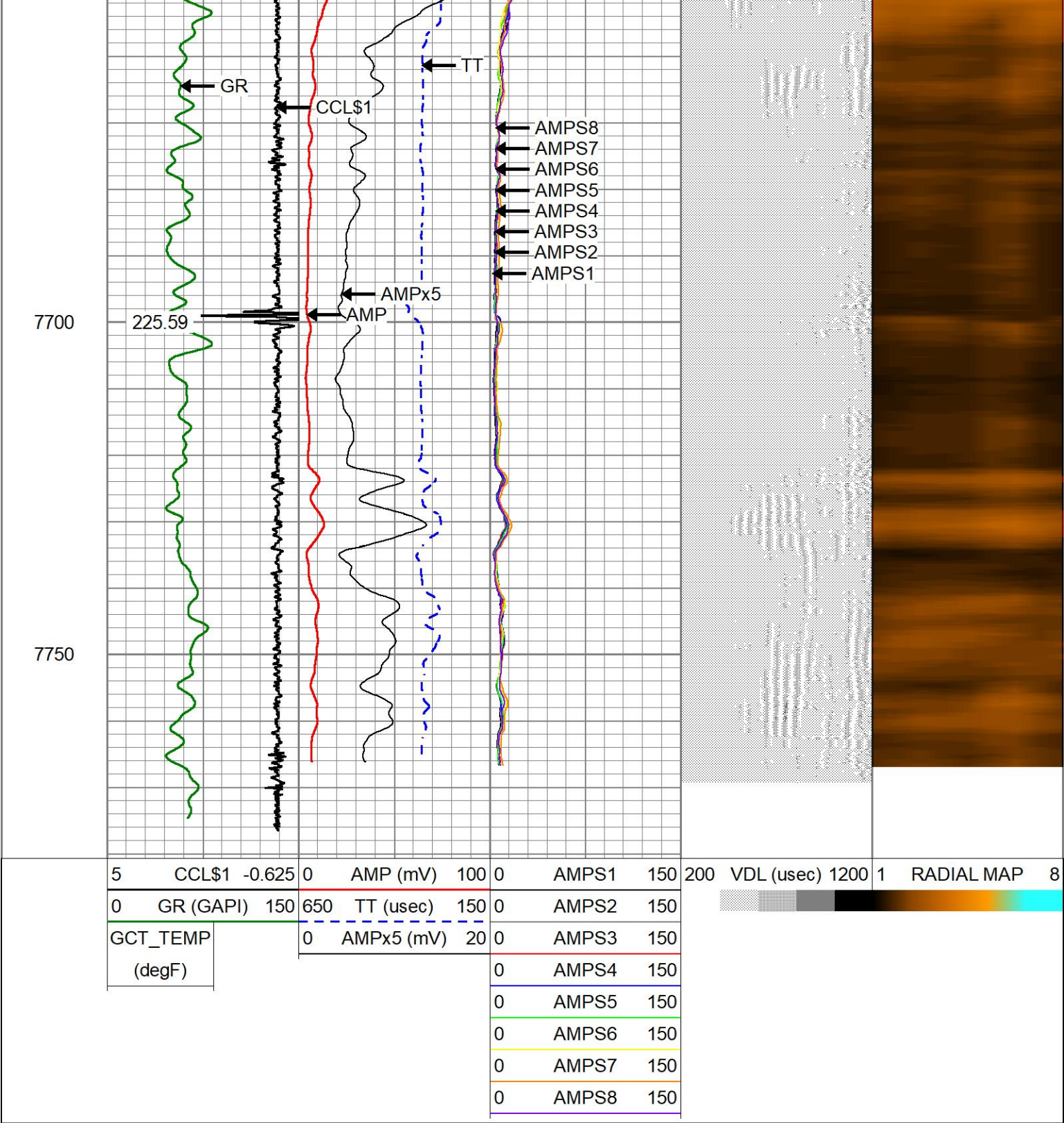
220.17


7550


7600

223.11

7650



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ErrCt	19.69		CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00

WVFSYNC	12.27		RBT-Probe (FW1905-052) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFS8	12.27					
WVFS7	12.27					
WVFS6	12.27					
WVFS5	12.27					
WVFS4	12.27					
WVFS3	12.27					
WVFS2	12.27					
WVFS1	12.27					
WVFCAL	12.27					
WVF3FT	12.27					
WVF5FT	11.19					
			CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00
GCT_HV	5.10					
CCL\$2	4.14					
CCL\$1	4.14					
GCT_Temp	3.59					
GR	2.72	GC-GCT275-0000 (FW1905-098) Probe Gamma Ray - CCL w/ Temp	4.77	2.75	55.00	
		Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00	
Dataset: civbijou3652019242ah.db: field/well/run1/pass2 Total length: 19.69 ft Total weight: 194.00 lb O.D.: 2.75 in						