



Gamma Ray CCL  
Cement Bond  
Sector VDL

Company	Crestone Peak Resources Operating LLC		
Well	Bijou 3-65 20-19-24 1AH		
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	23,966'		
Depth Logger	8000'		
Bottom Logged Interval	8000'-0'		
Top Log Interval			
Open Hole Size			
Type Fluid	water		
Density / Viscosity	8.3 lbs/gal		
Max. Recorded Temp.	227 °F		
Estimated Cement Top			
Time Well Ready			
Time Logger on Bottom			
Equipment Number	807		
Location	Kersey, CO		
Recorded By	Meisner		
Witnessed By	Parras		

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

Casing Record	Size	Mgt/Ft	Top	Bottom
Surface String	9-5/8"	36	0'	3701'
Prot. String				
Production String	5-1/2"	20	0'	23,966'
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      civbijou3652019241ah.db  
Dataset Pathname    pass2  
Dataset Creation     Fri Nov 01 21:00:06 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
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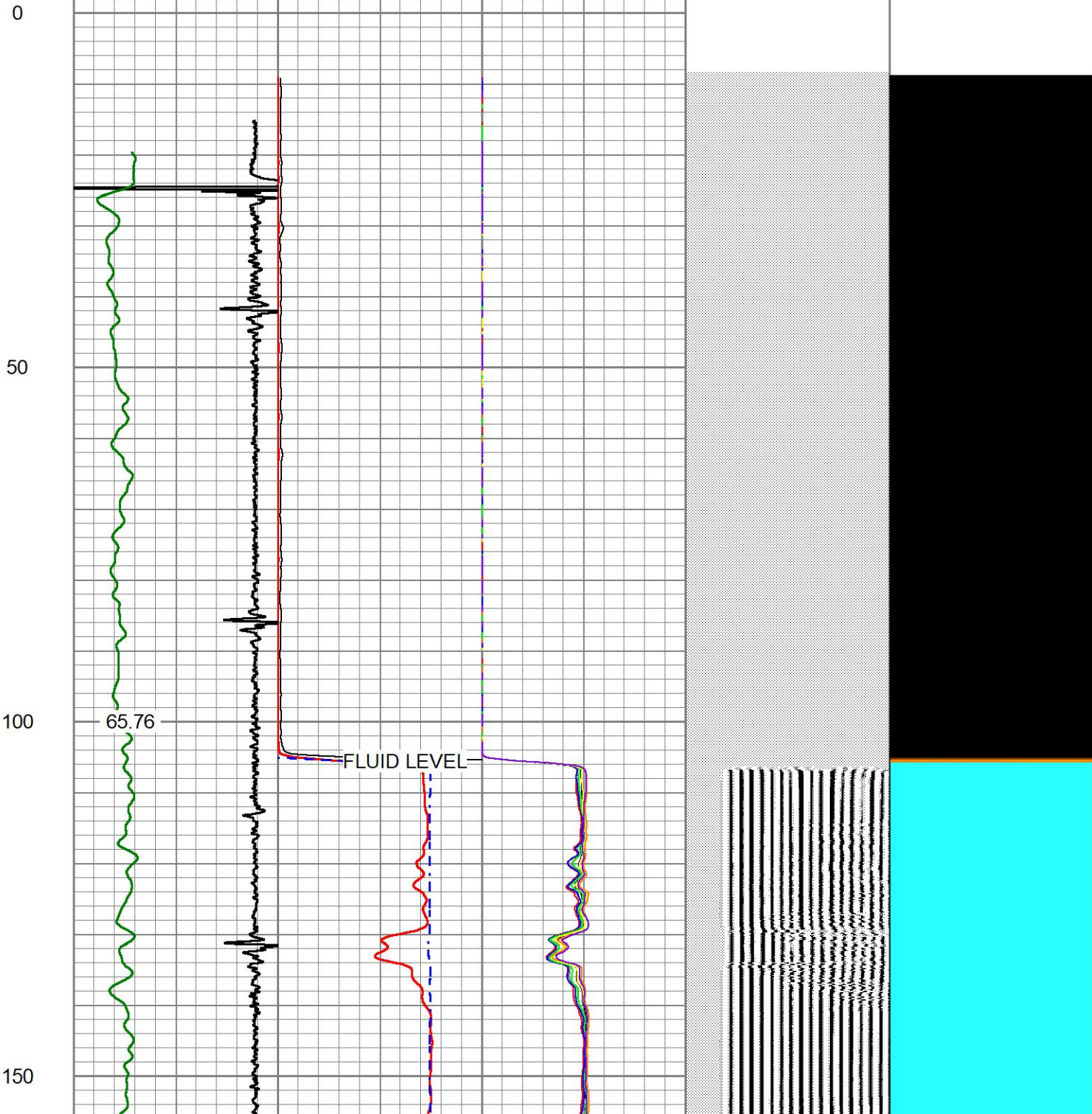
Serial Number:	FW1905-052	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	162.067	ft

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

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

250

300

350

73.96

75.28



400

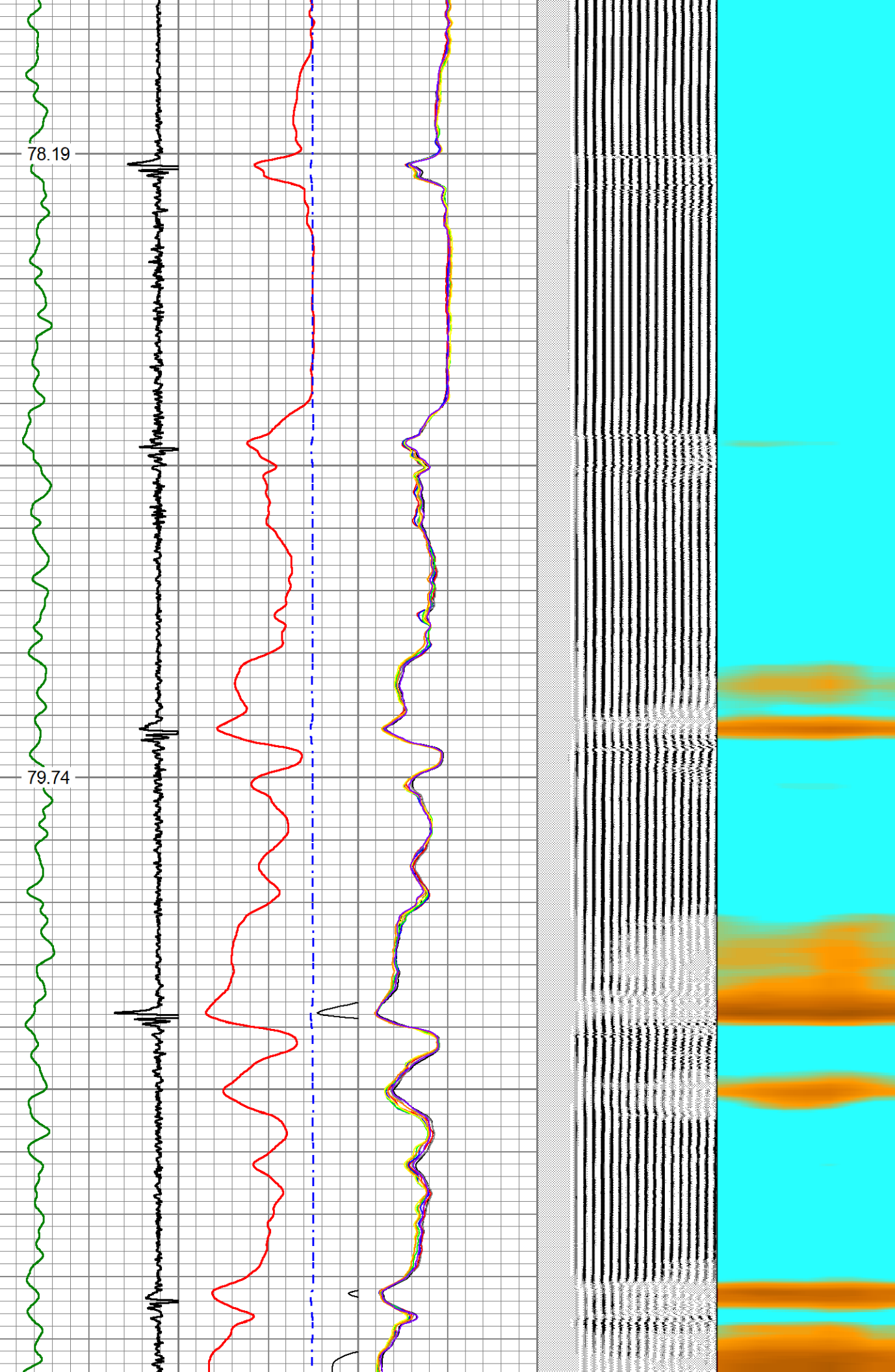
450

500

550

78.19

79.74



600

80.72

650

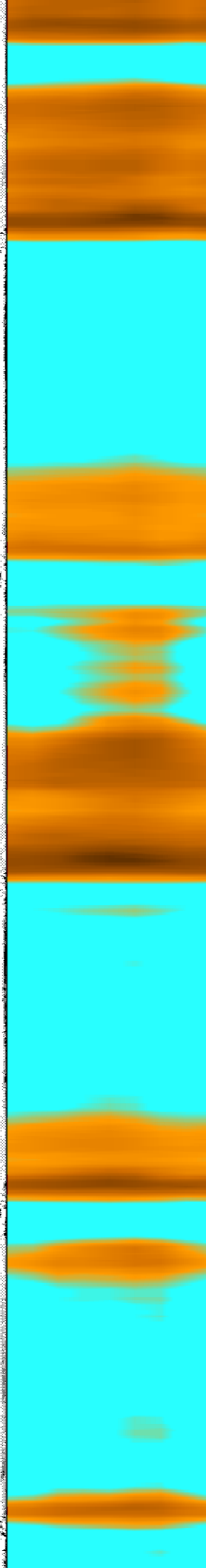
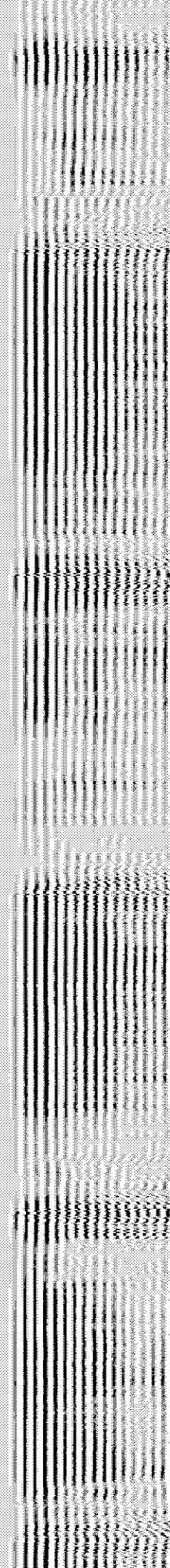
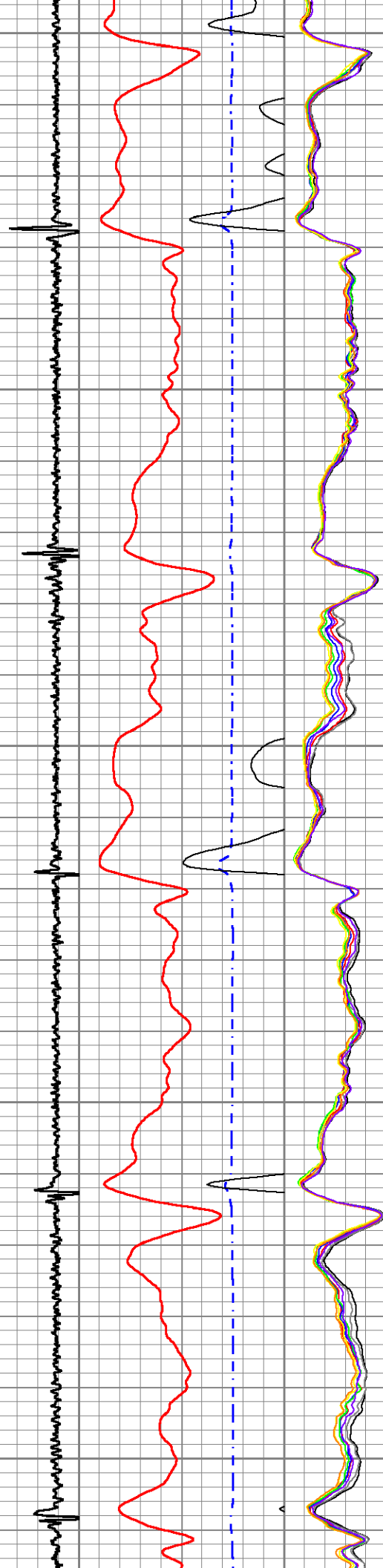
700

82.36

750

800

83.48





850

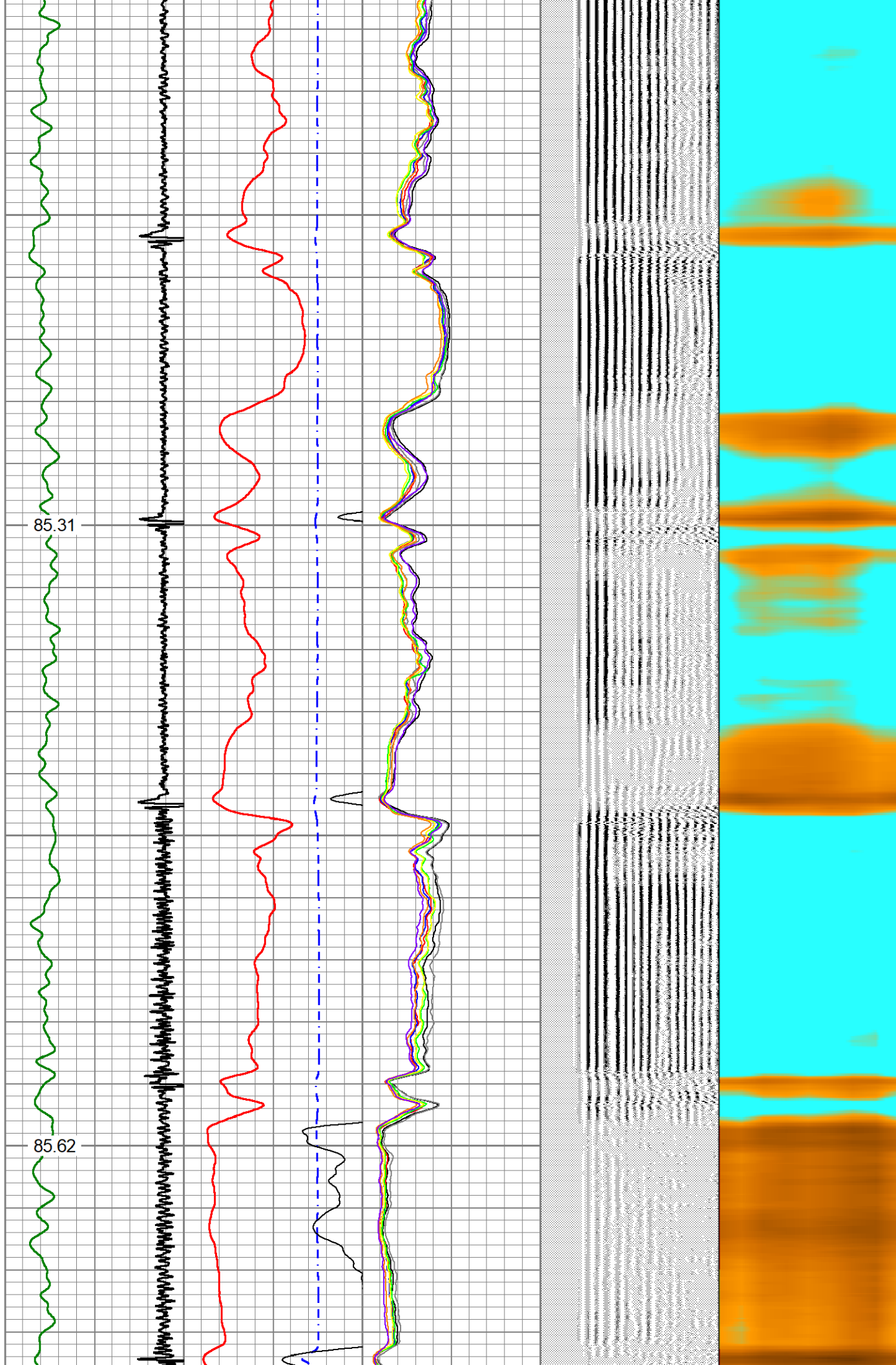
900

950

1000

85.31

85.62



1050

1100

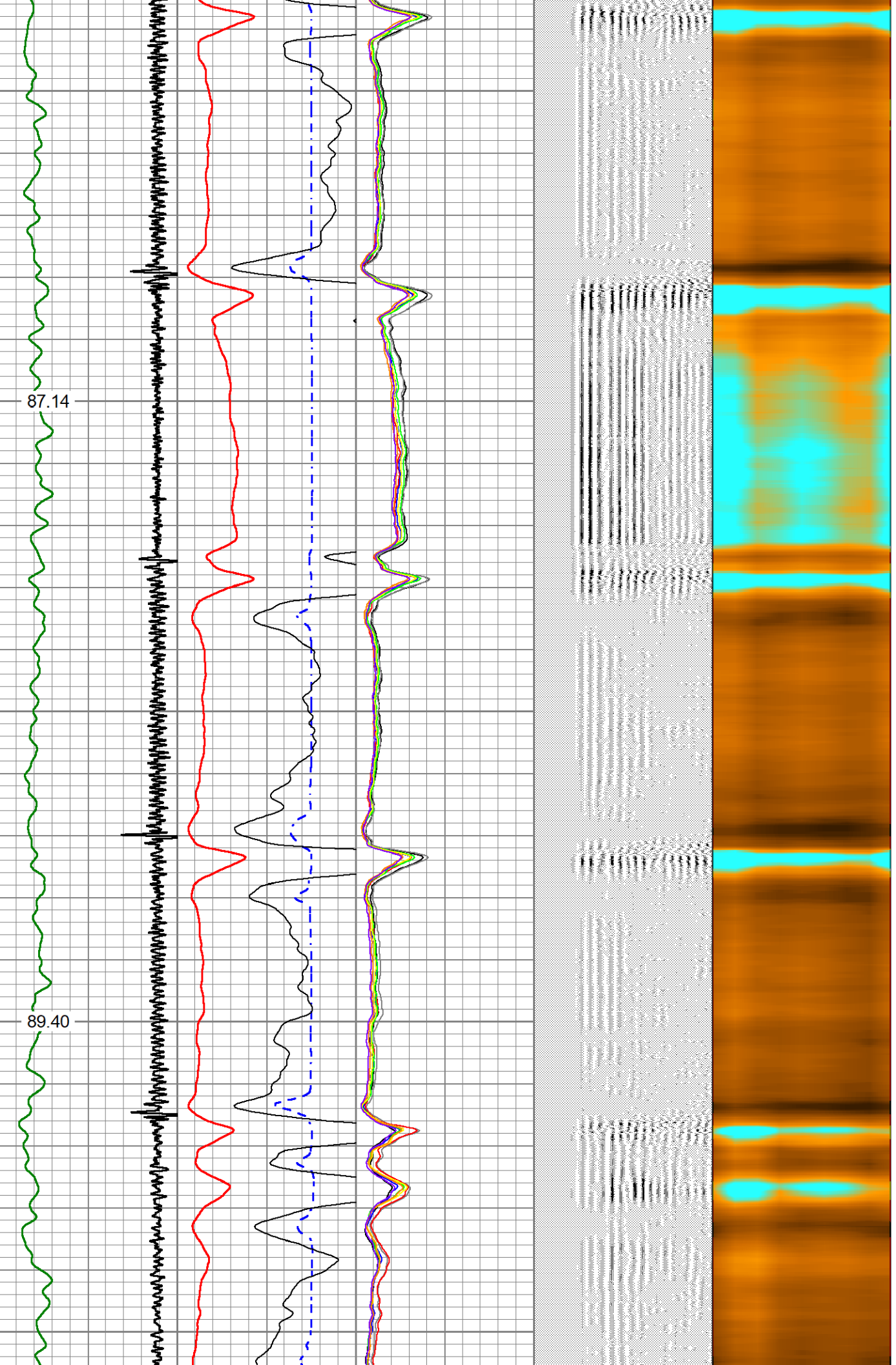
1150

1200

1250

87.14

89.40





1300

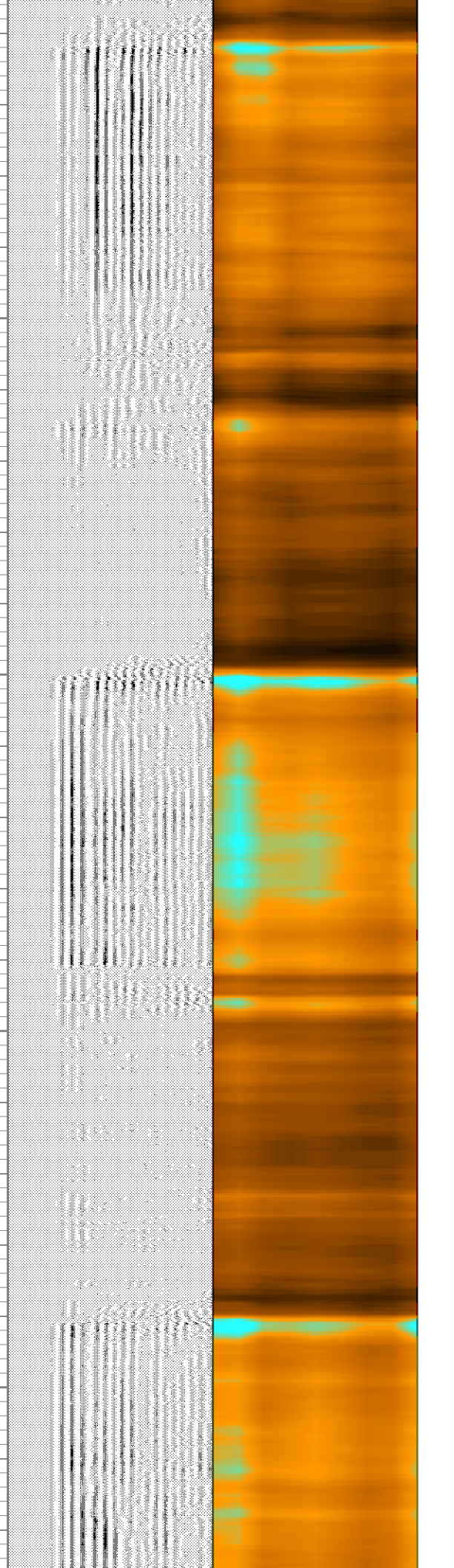
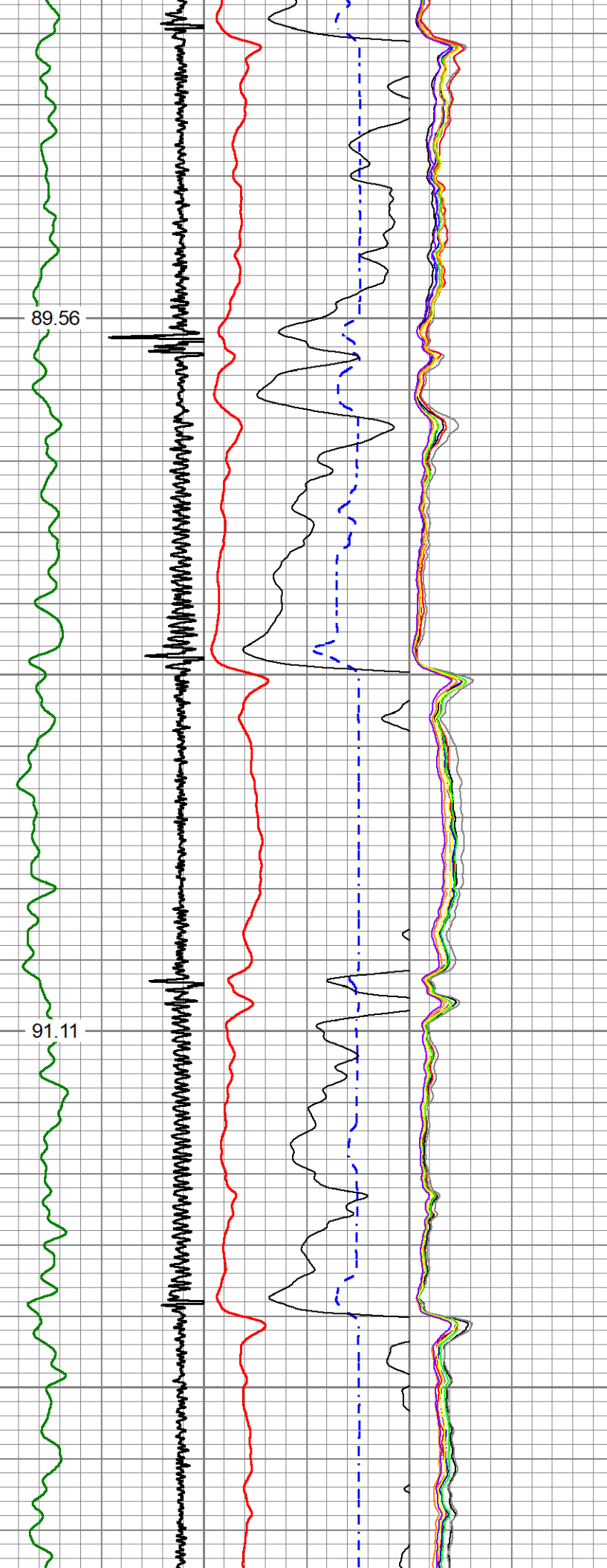
1350

1400

1450

89.56

91.11



1500

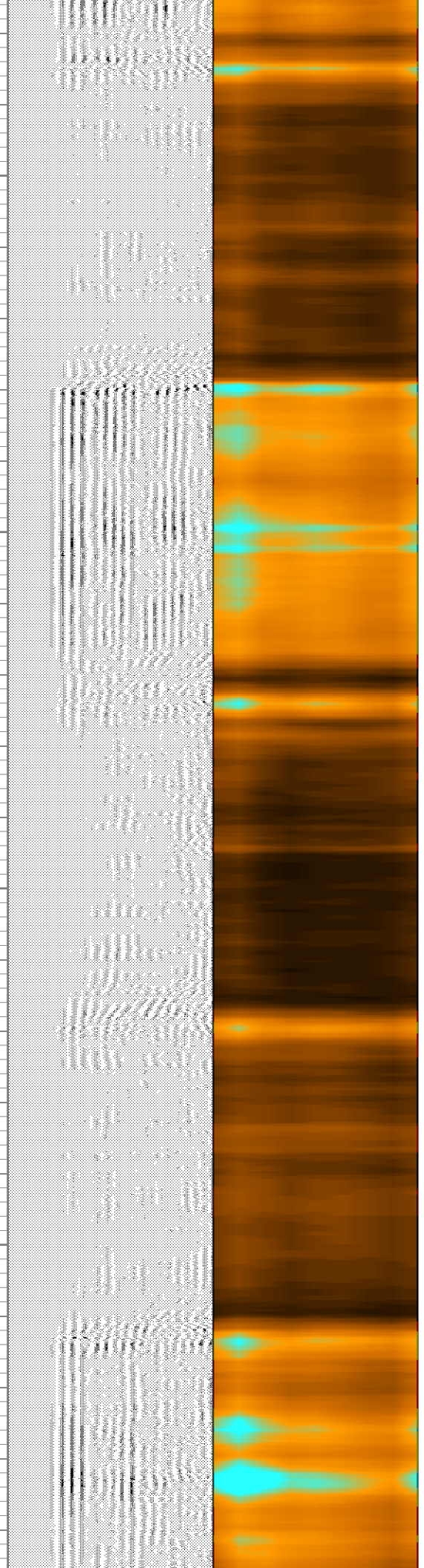
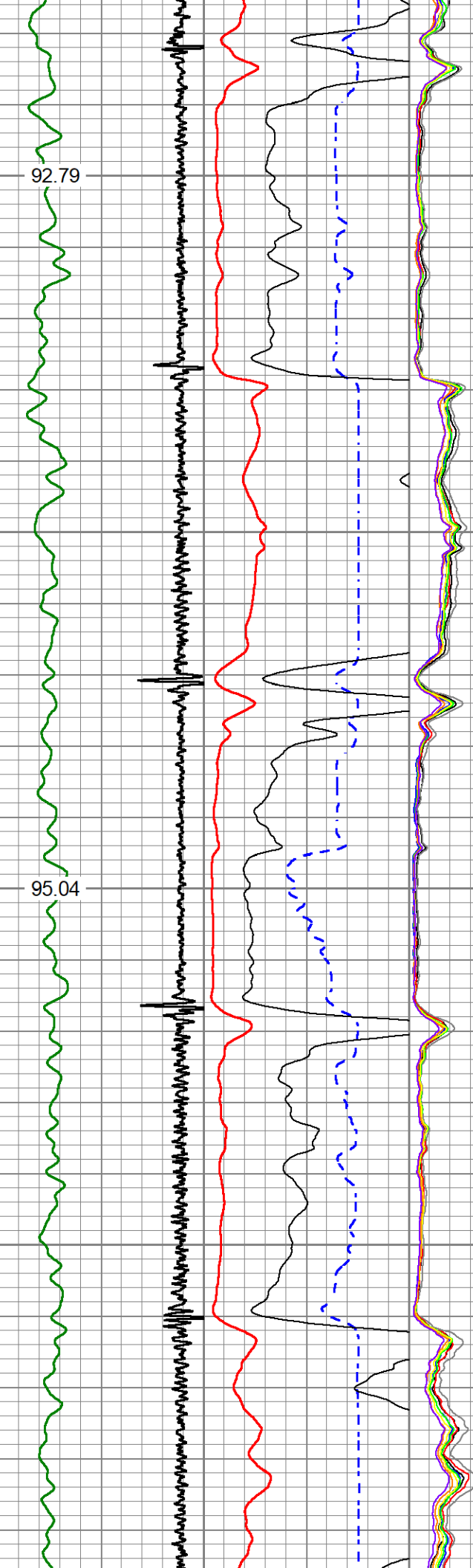
1550

1600

1650

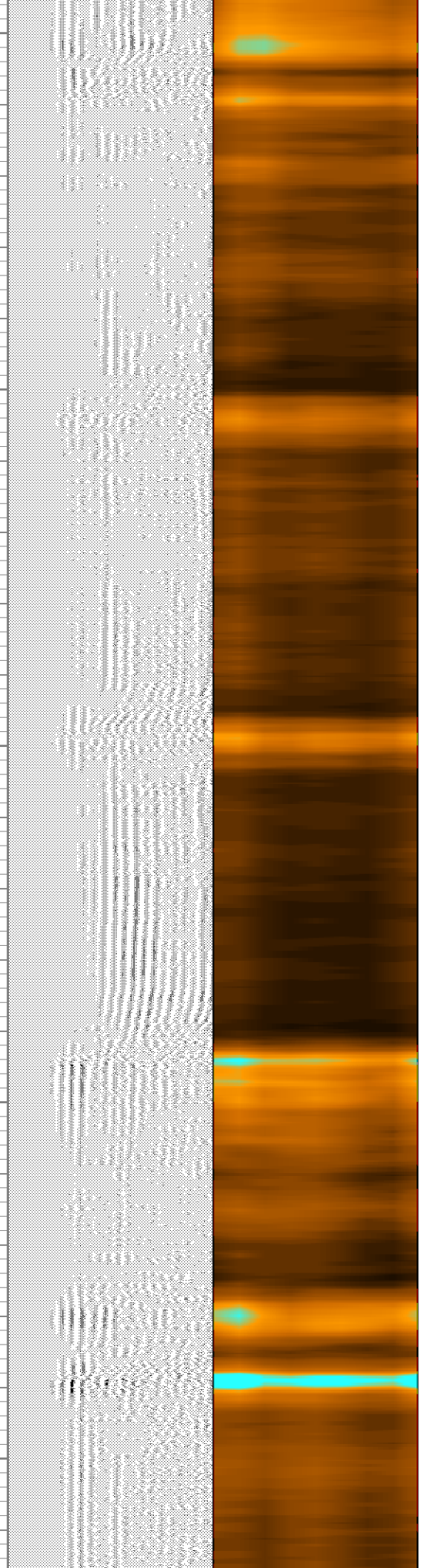
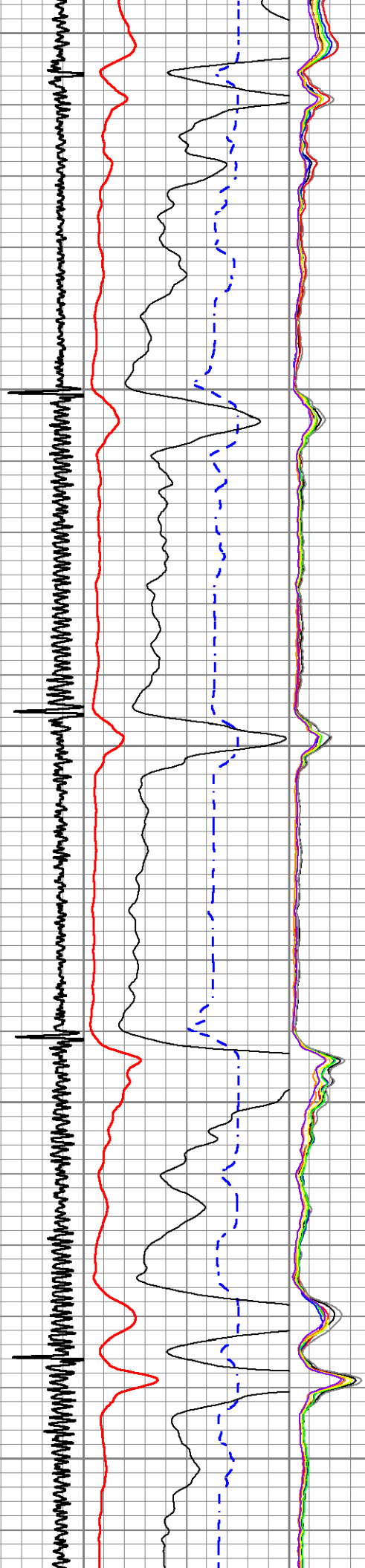
92.79

95.04



1700  
1750  
1800  
1850  
1900

96.41  
99.40  
100.82





1950

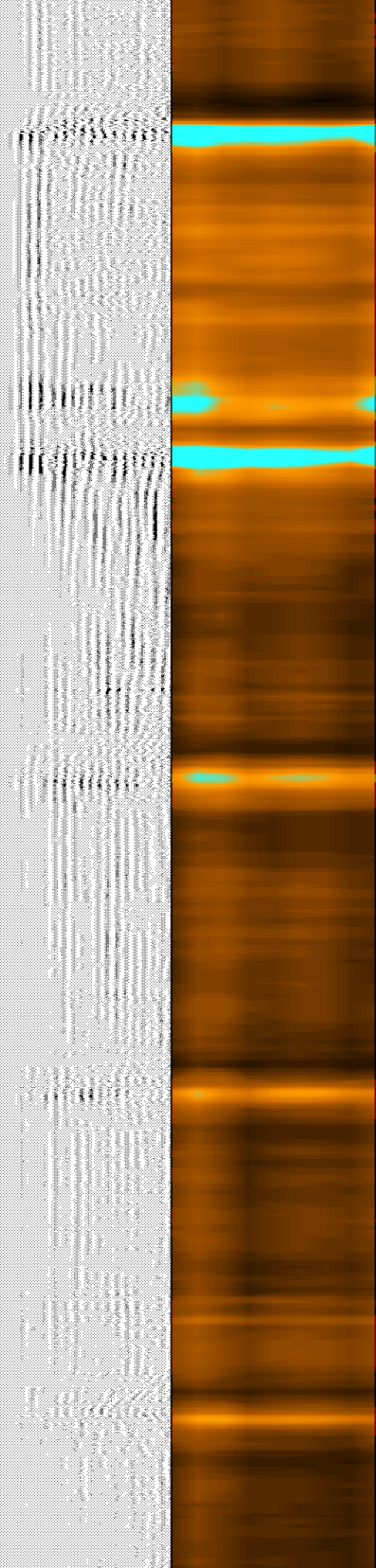
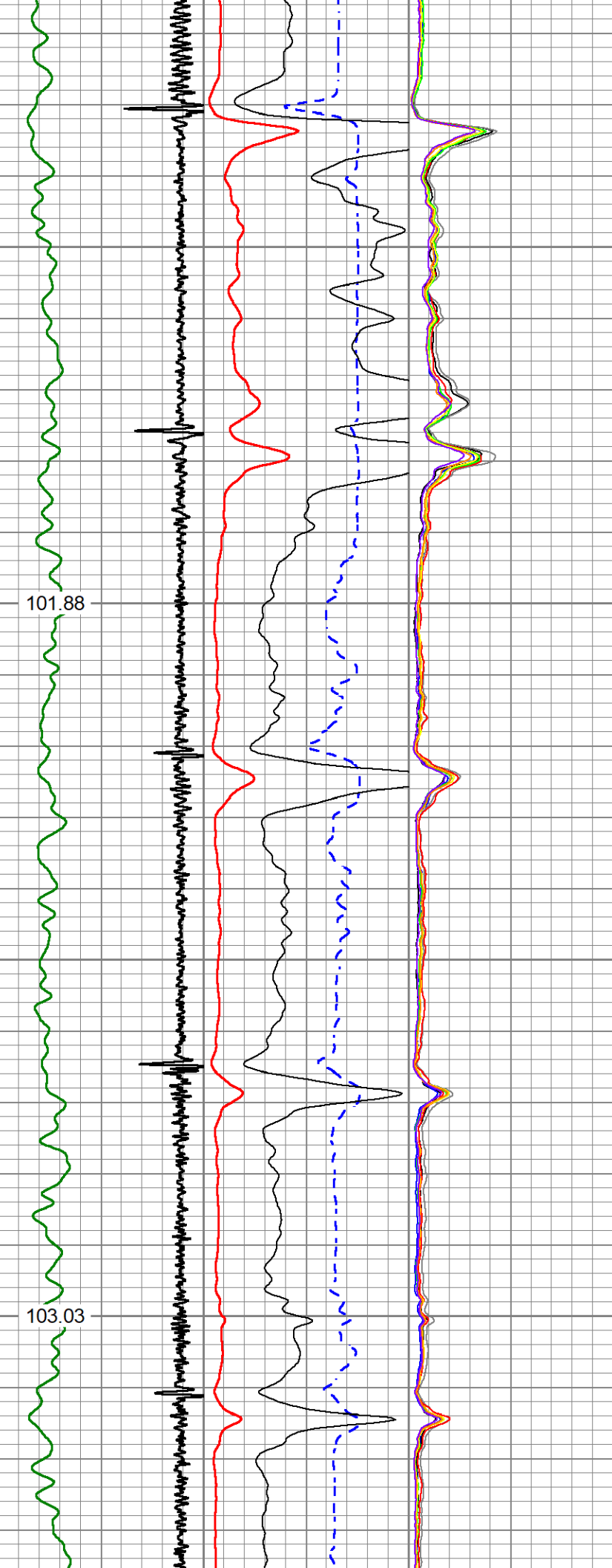
2000

2050

2100

101.88

103.03



2150

2200

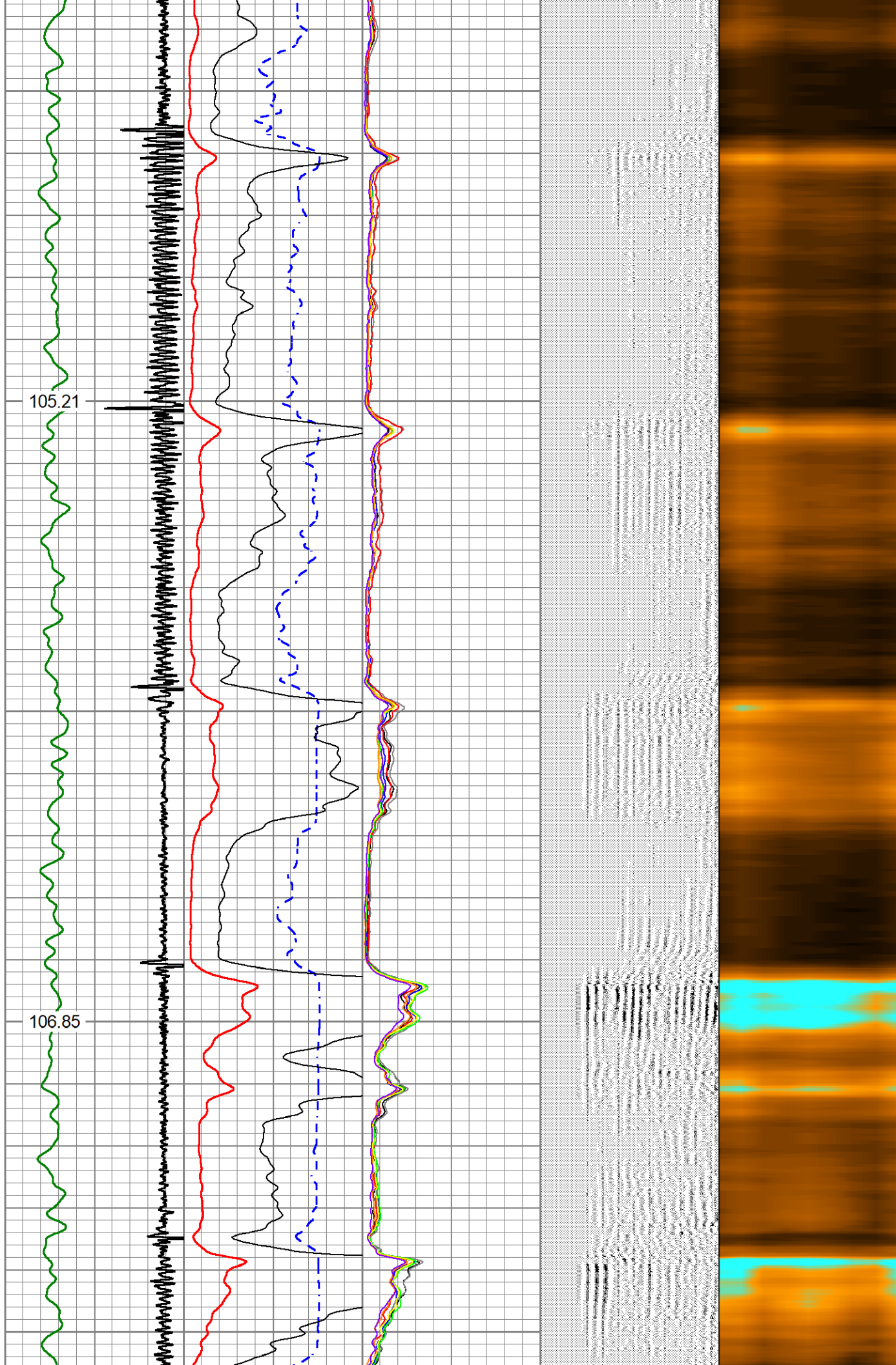
2250

2300

2350

105.21

106.85



2400

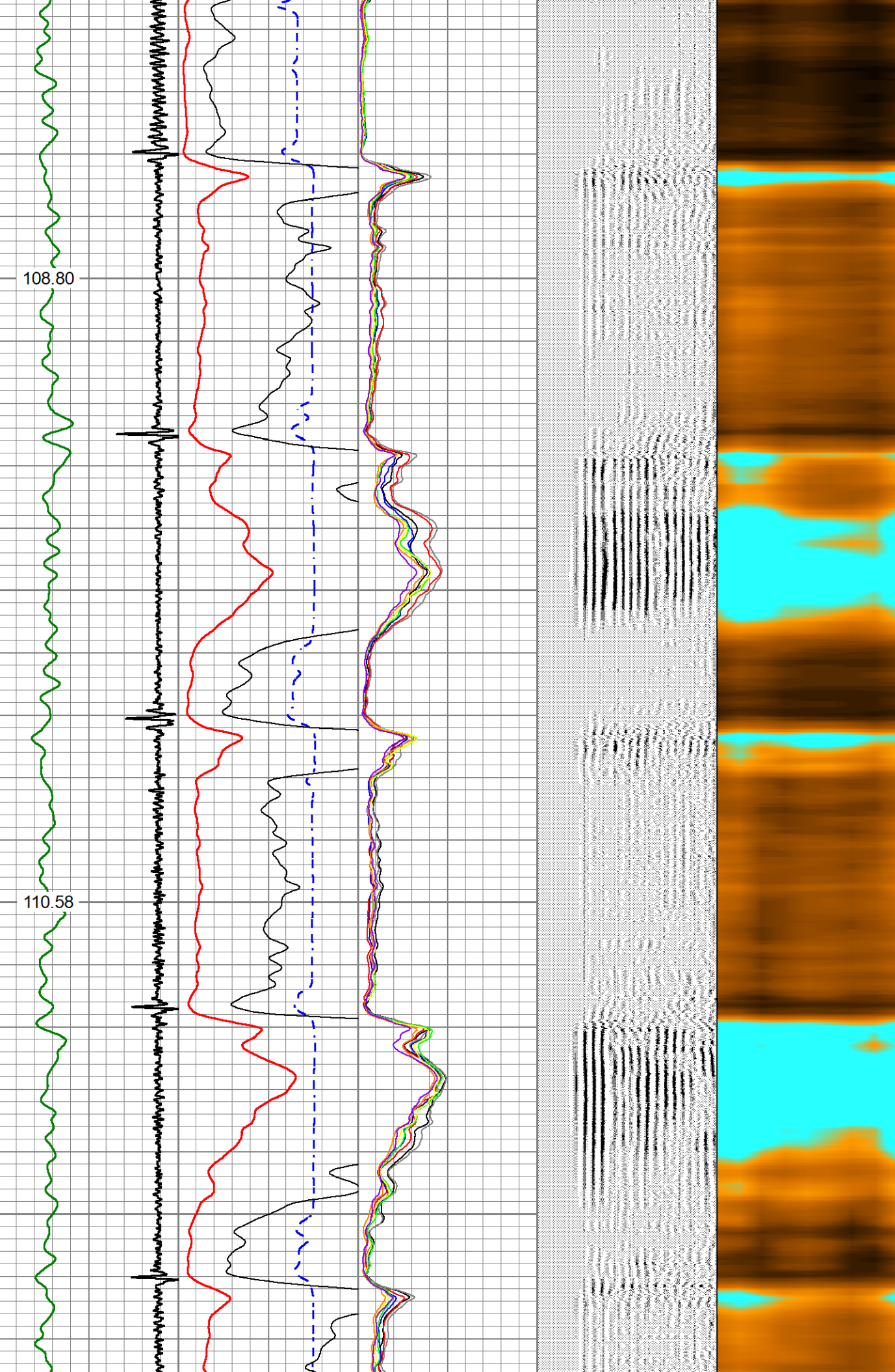
2450

2500

2550

108.80

110.58





2600

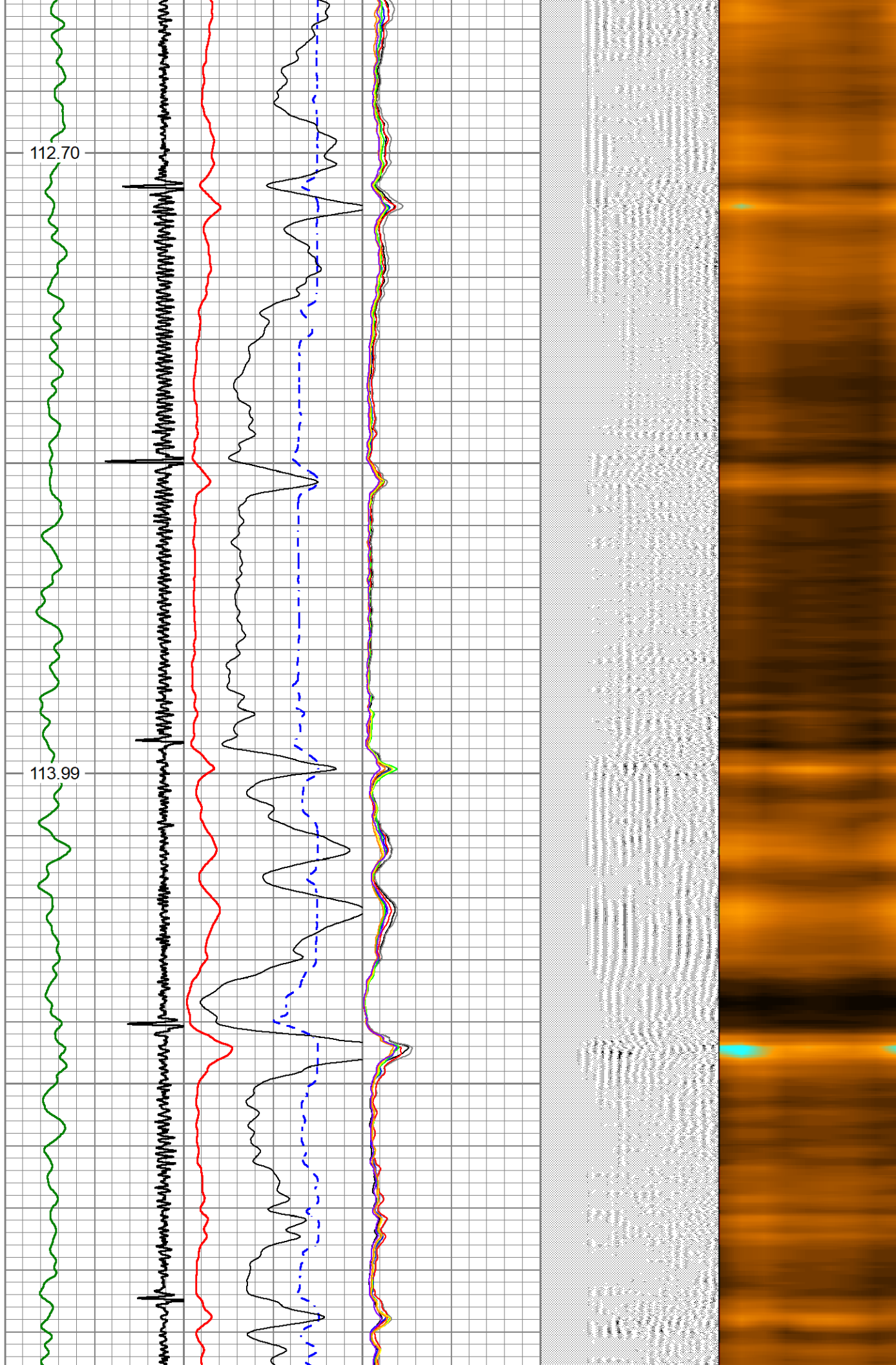
2650

2700

2750

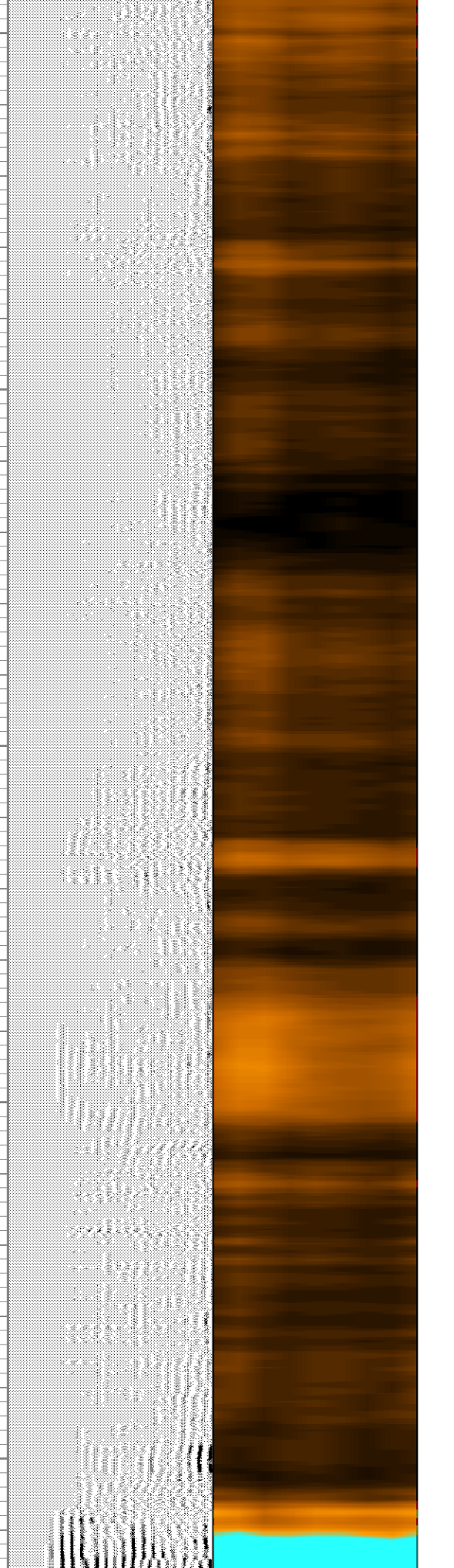
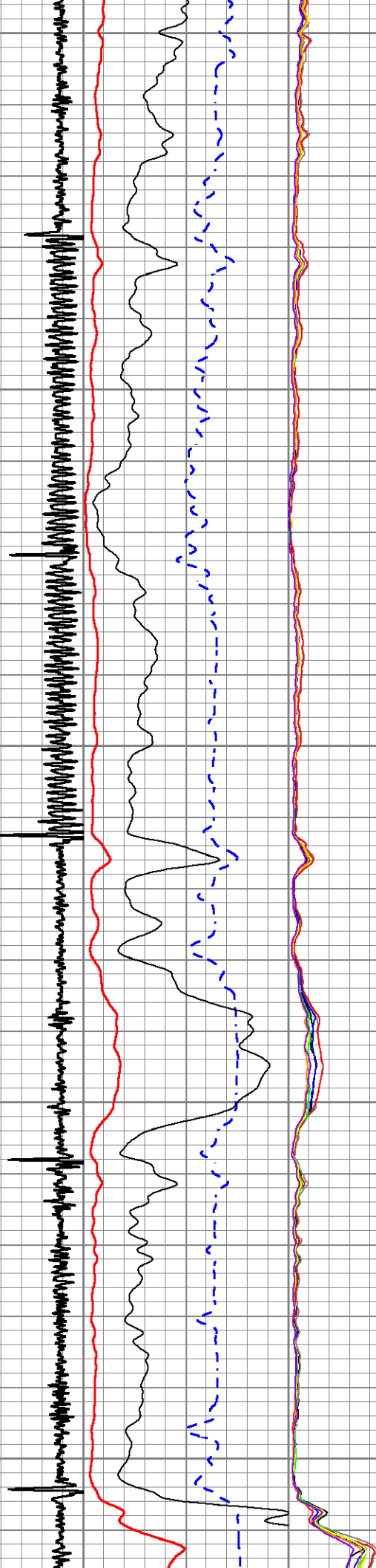
112.70

113.99



2800  
2850  
2900  
2950  
3000

115.57  
117.30  
118.92



3050

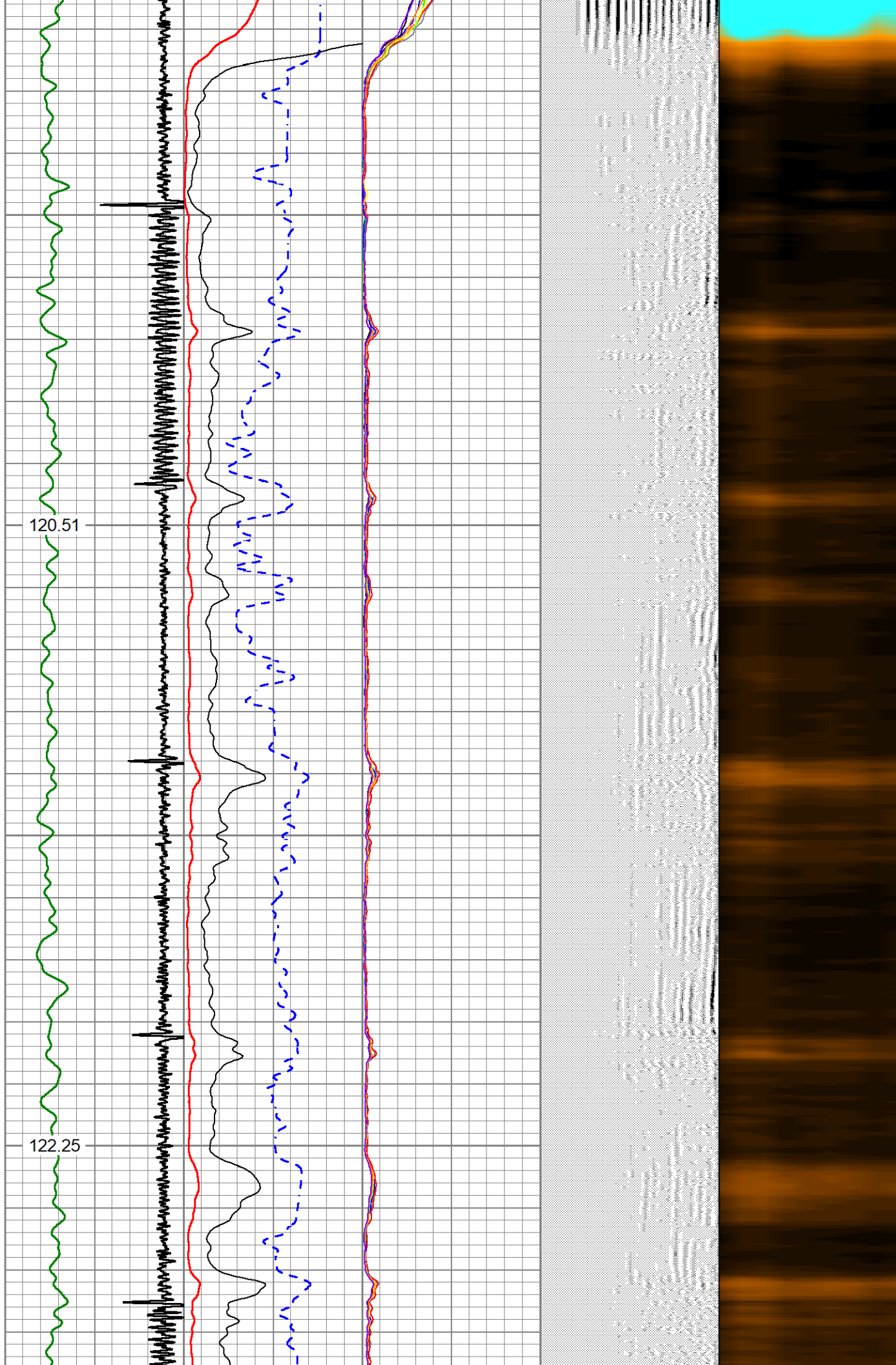
3100

3150

3200

120.51

122.25





3250

3300

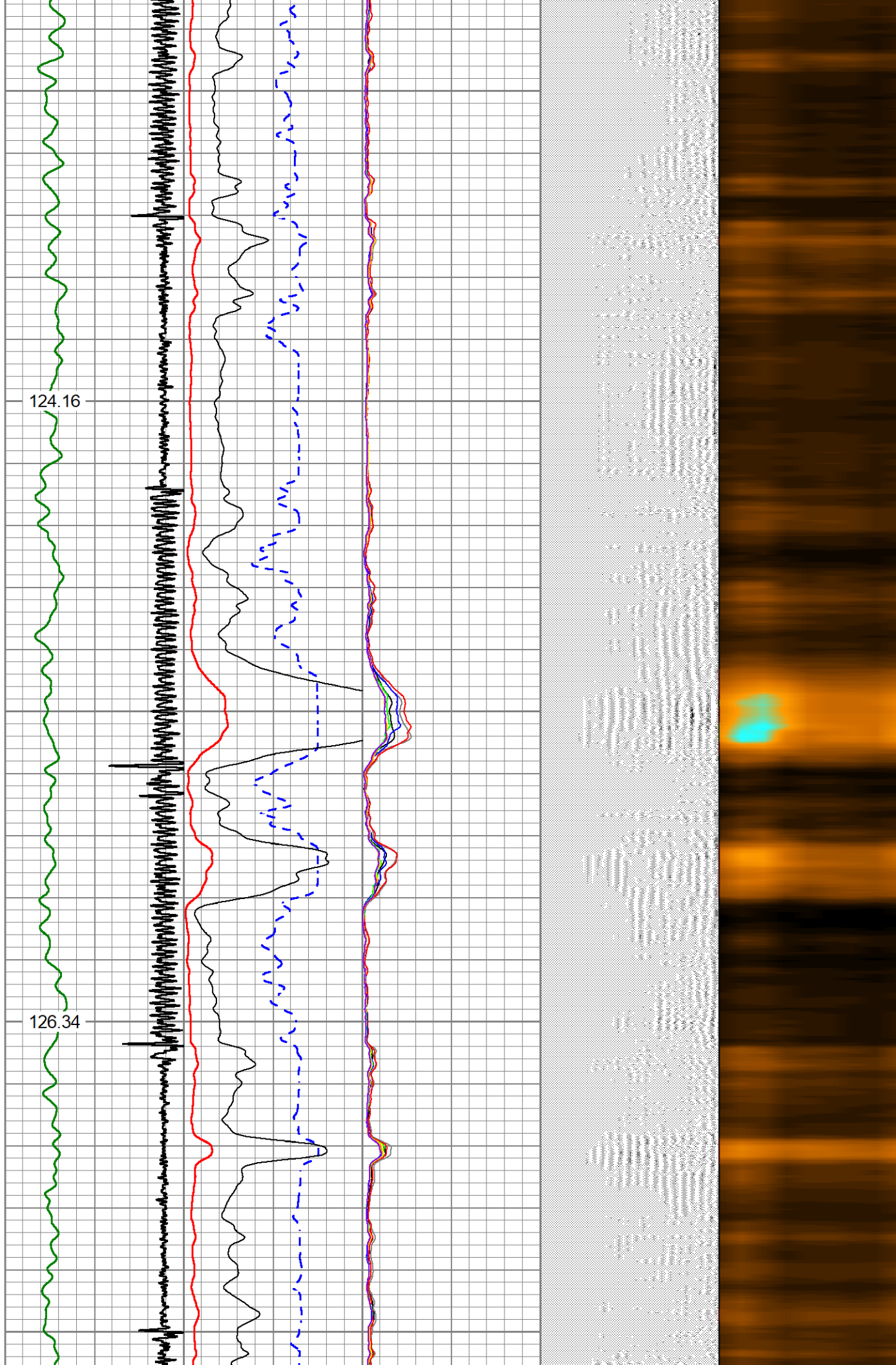
3350

3400

3450

124.16

126.34



3500

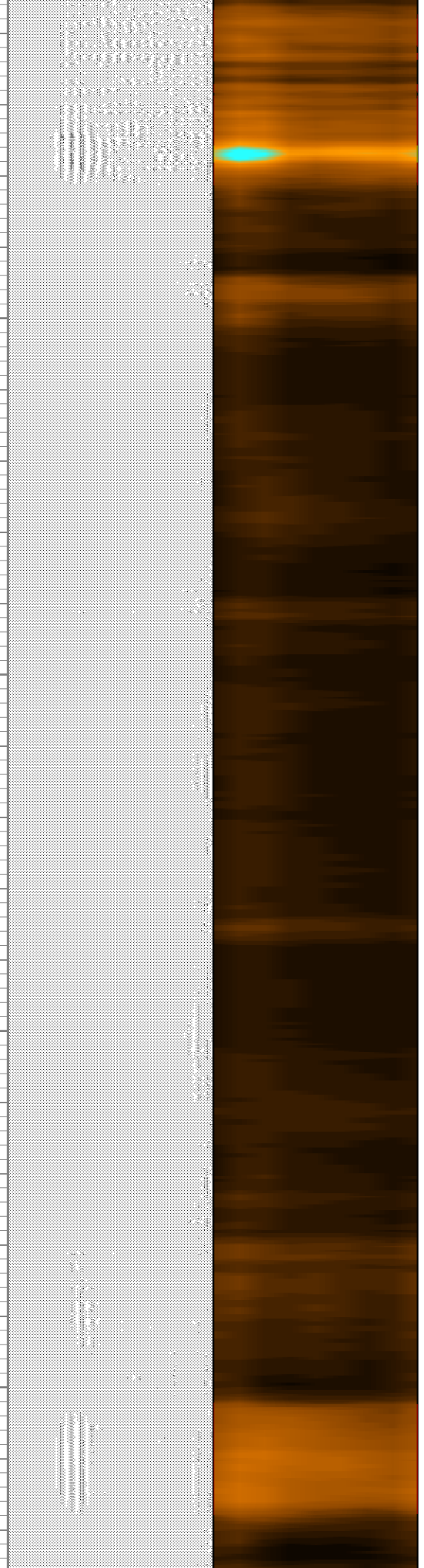
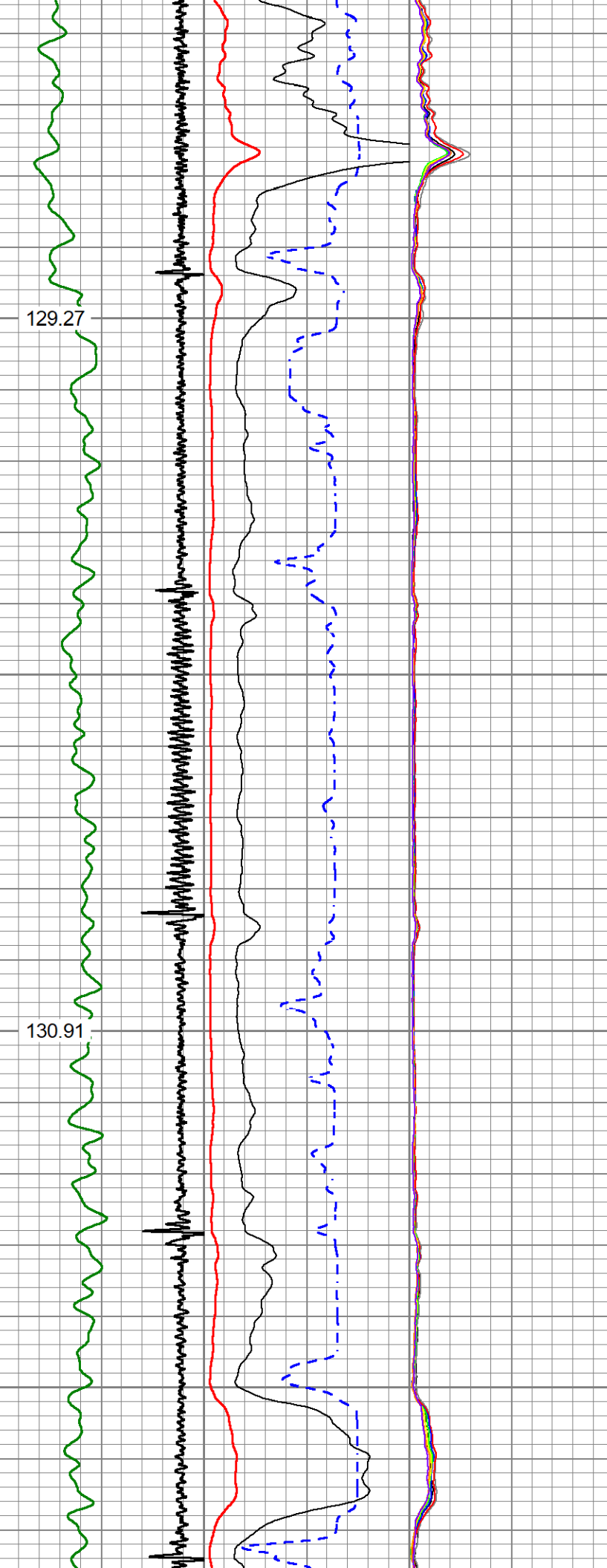
3550

3600

3650

129.27

130.91



3700

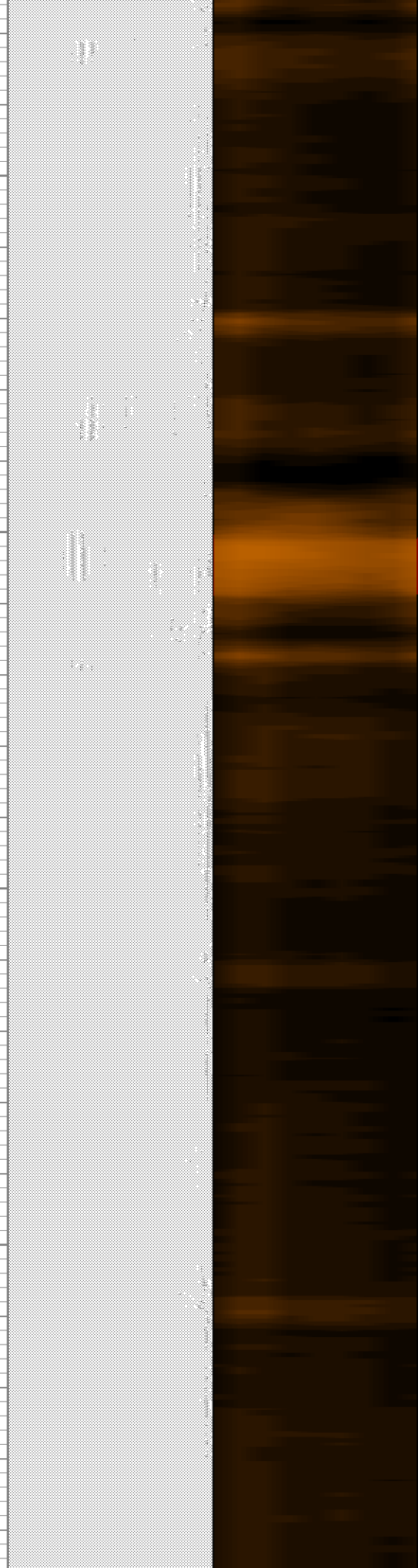
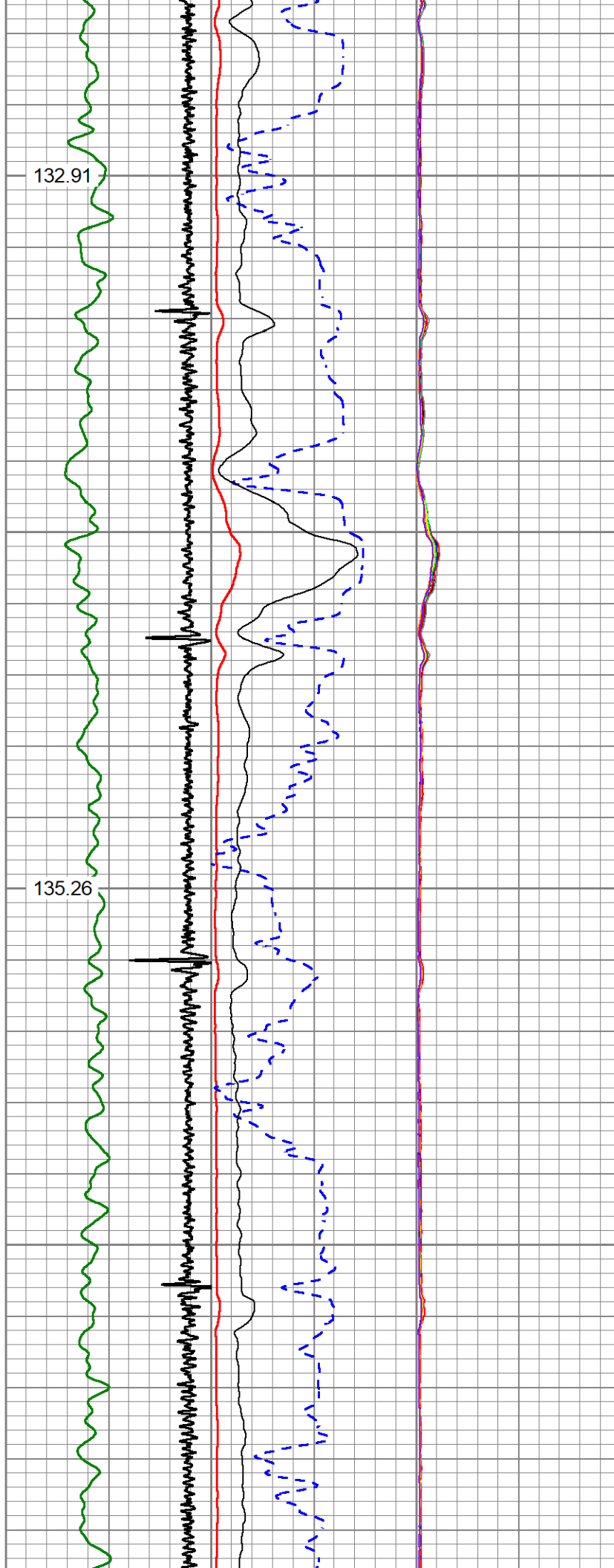
132.91

3750

3800

135.26

3850





3900

137.33

3950

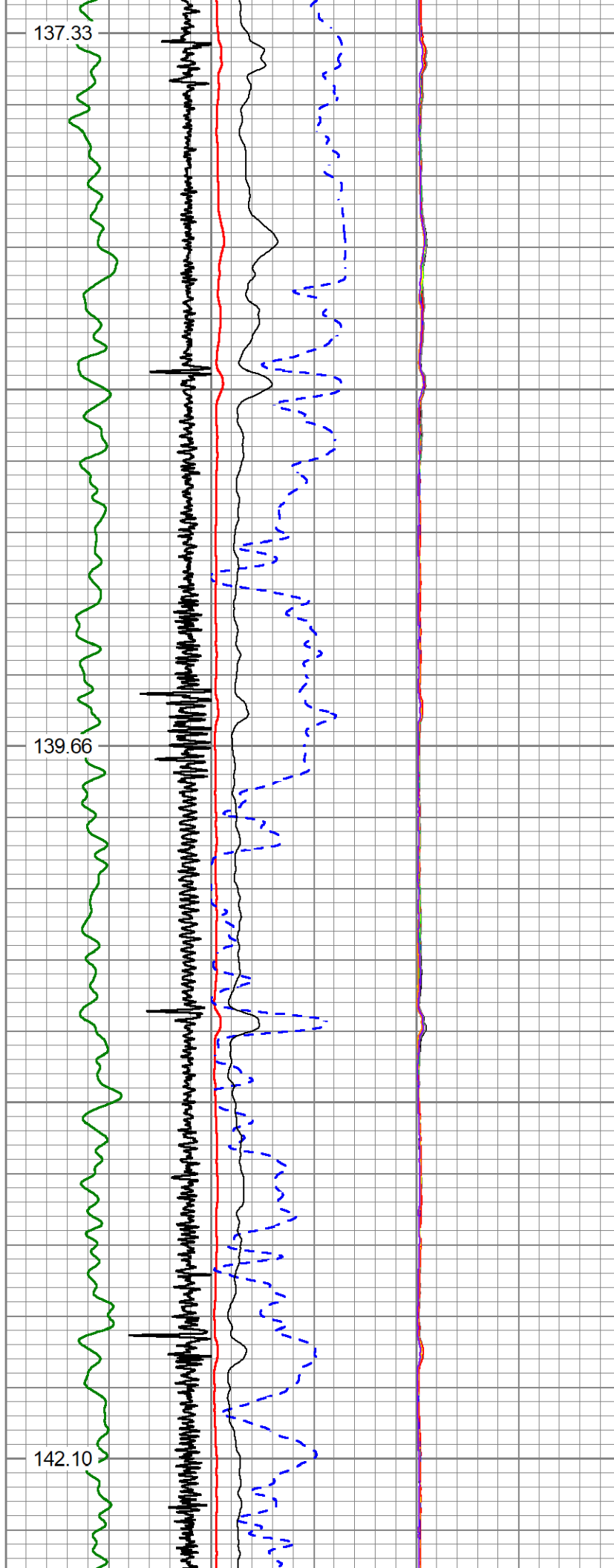
4000

139.66

4050

4100

142.10



4150

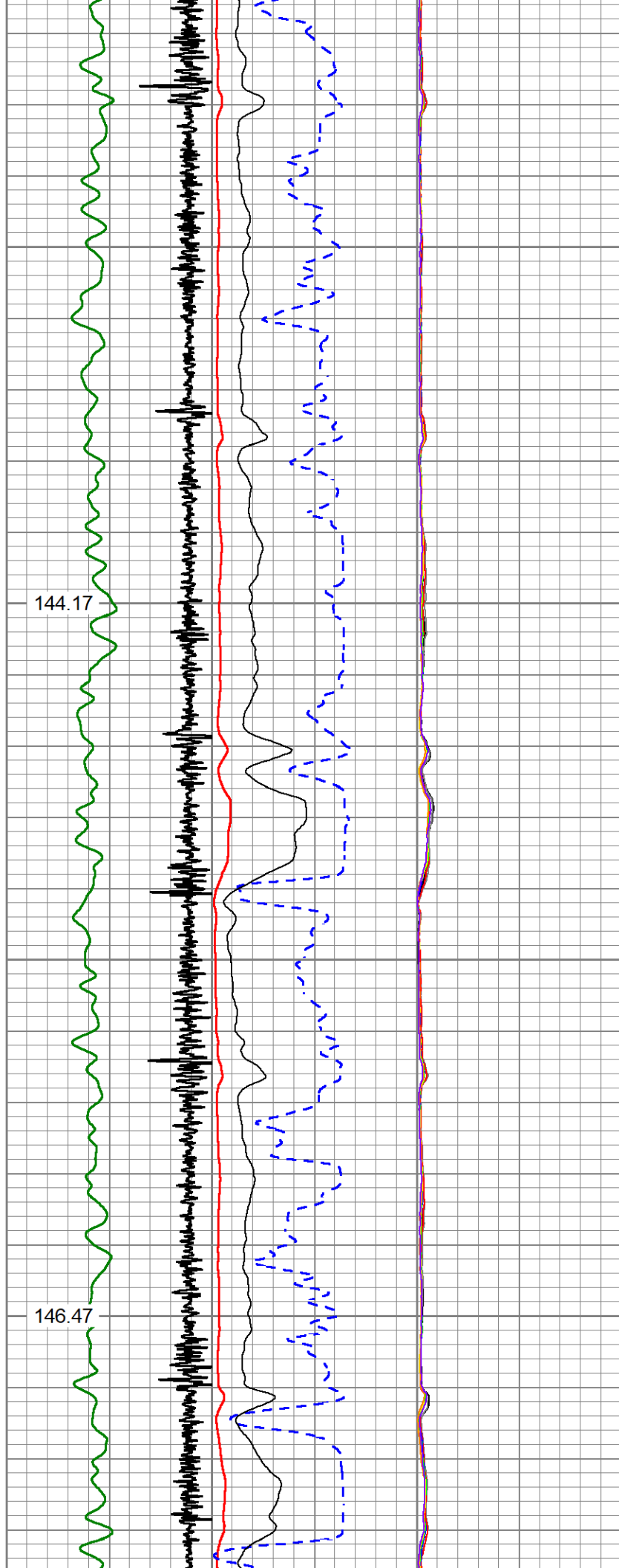
4200

4250

4300

144.17

146.47



4350

4400

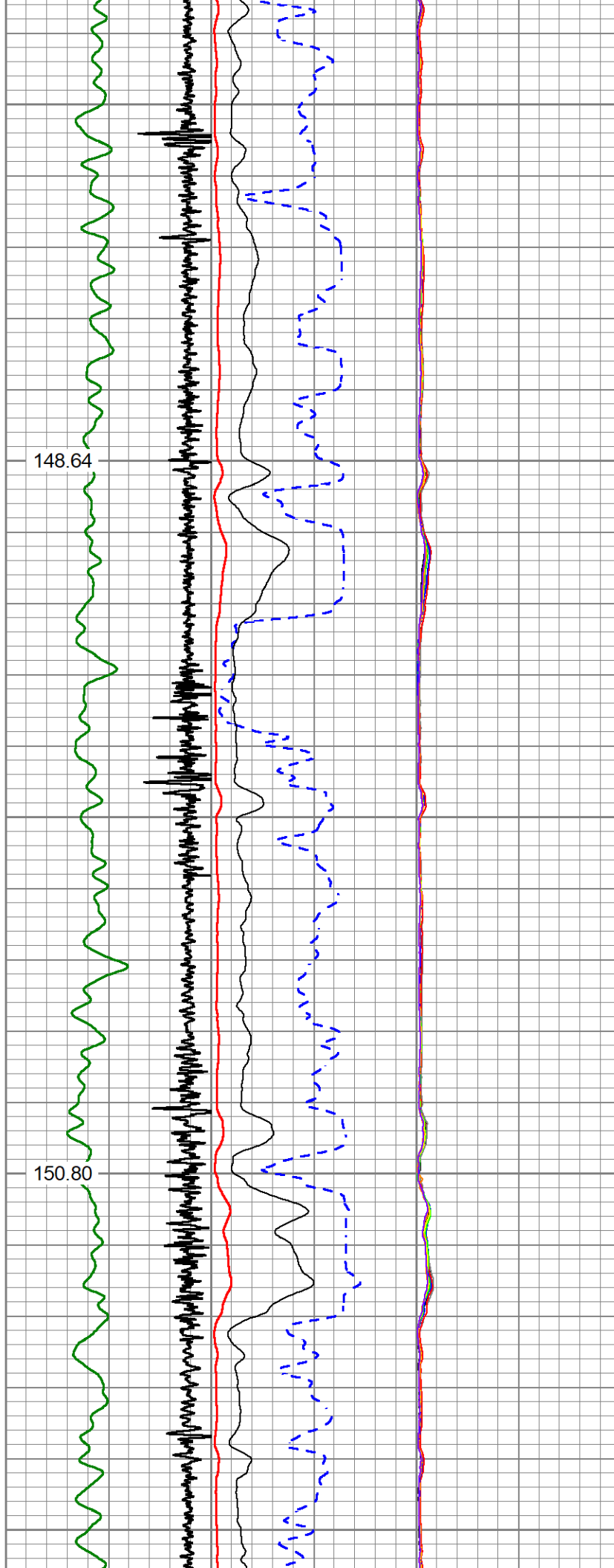
4450

4500

4550

148.64

150.80





4600

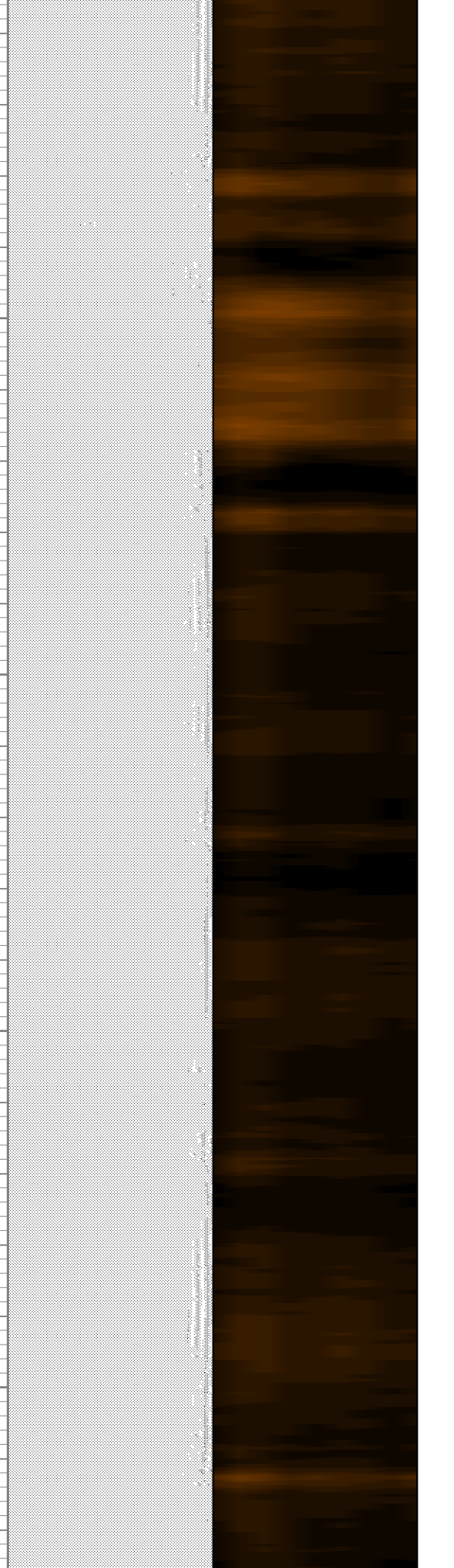
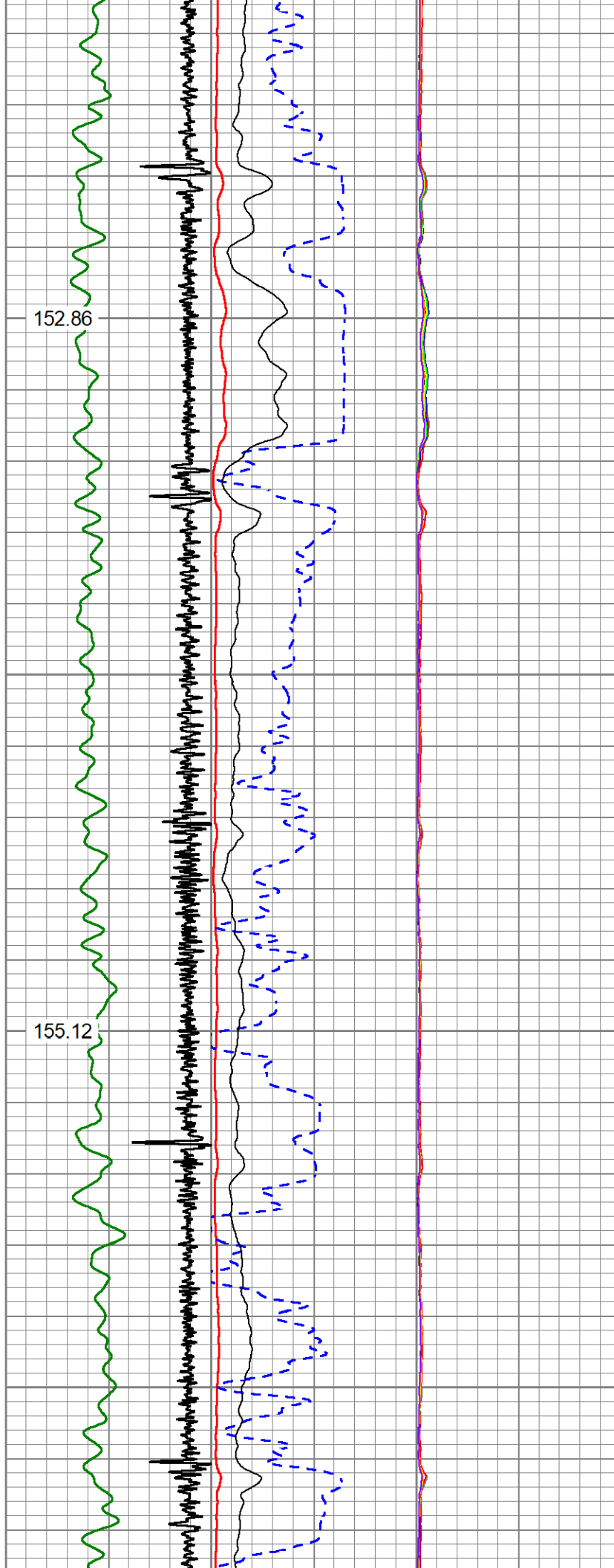
152.86

4650

4700

155.12

4750



4800

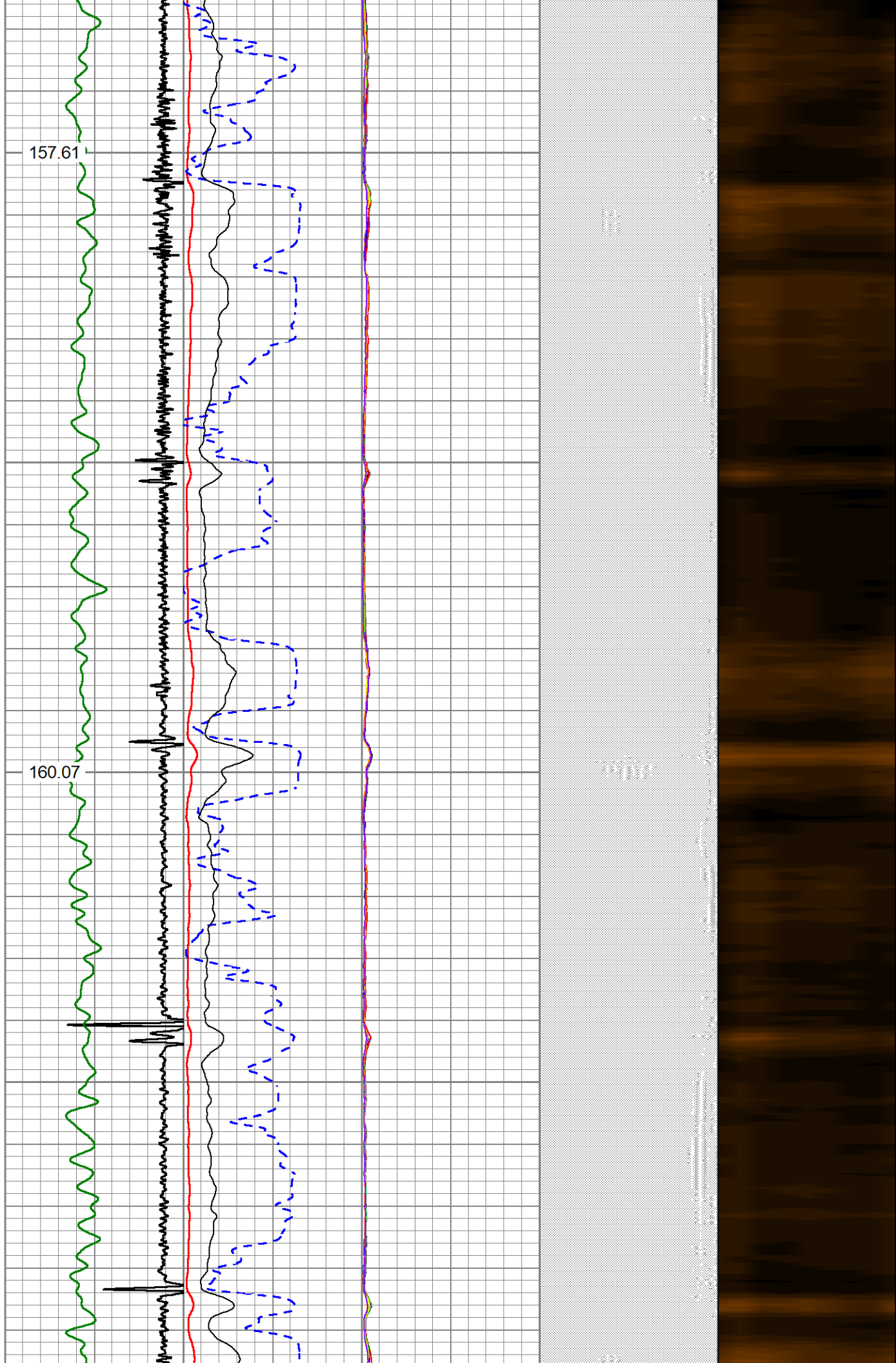
157.61

4850

4900

160.07

4950



5000

162.46

5050

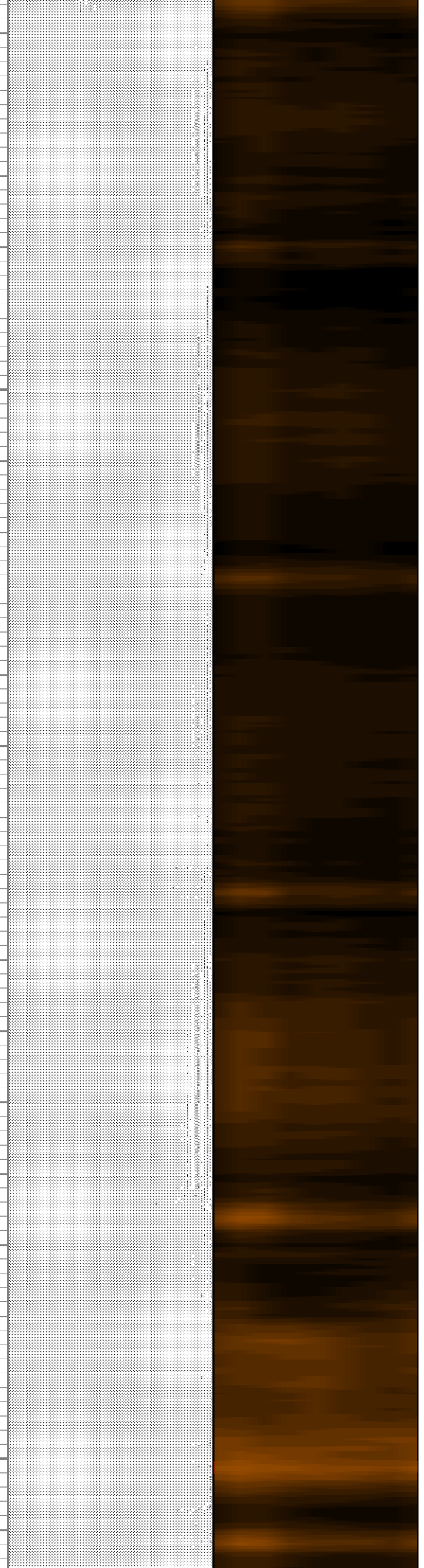
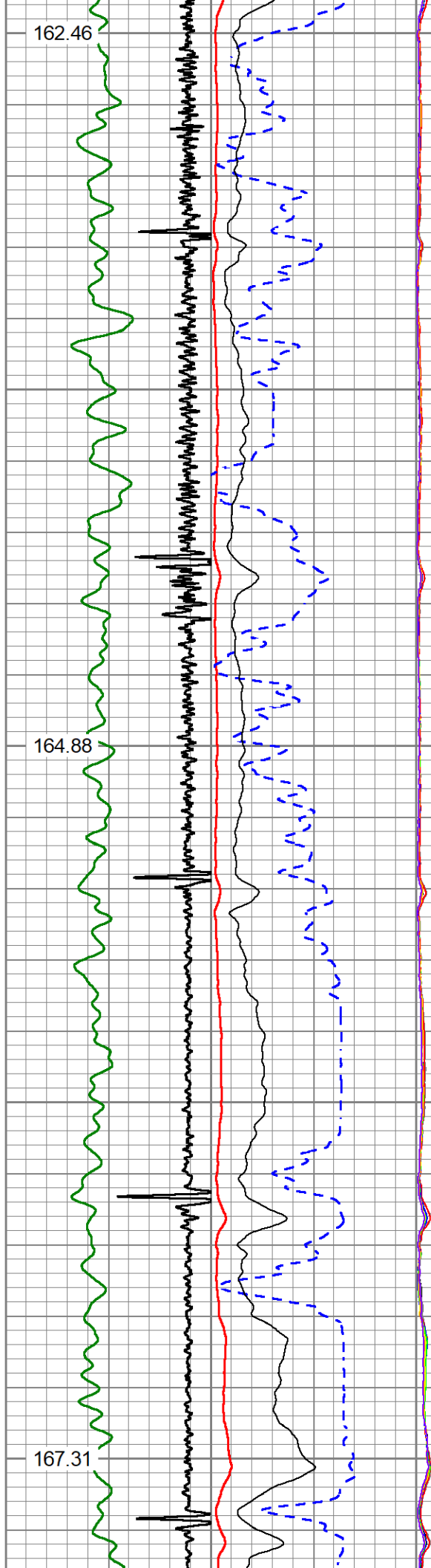
5100

164.88

5150

5200

167.31





5250

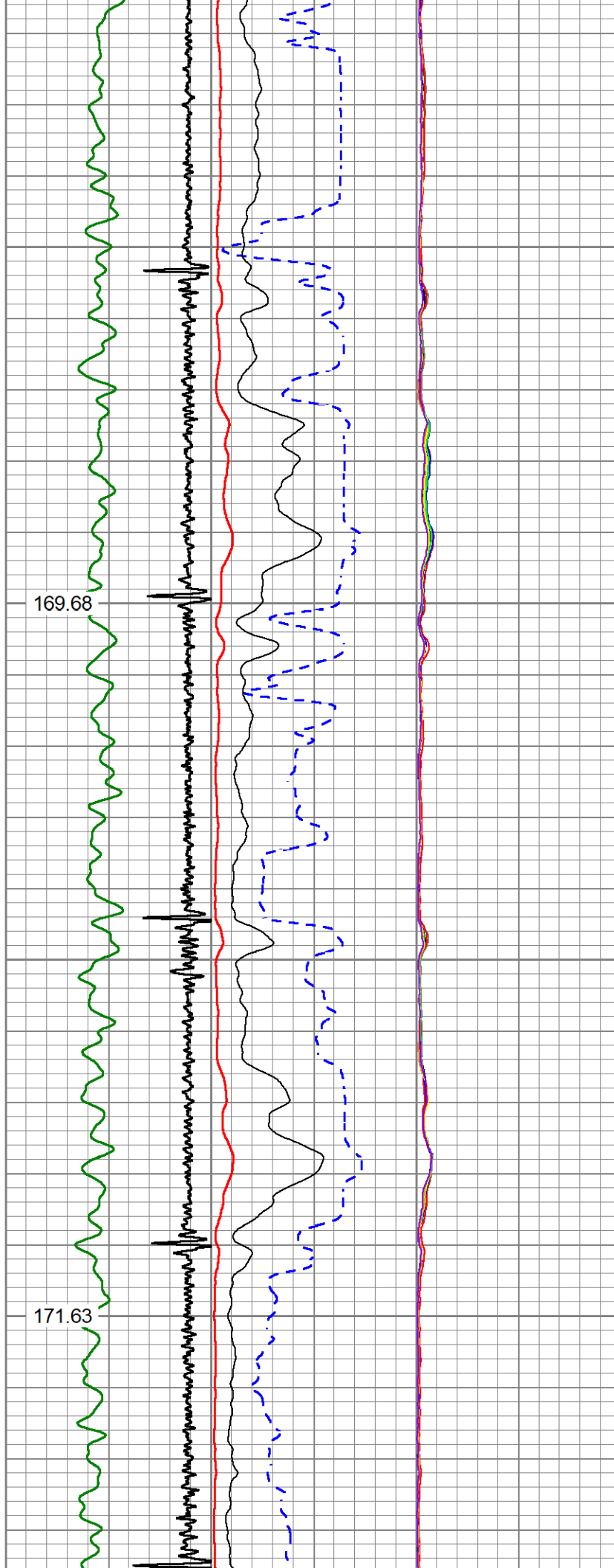
5300

5350

5400

169.68

171.63



5450

5500

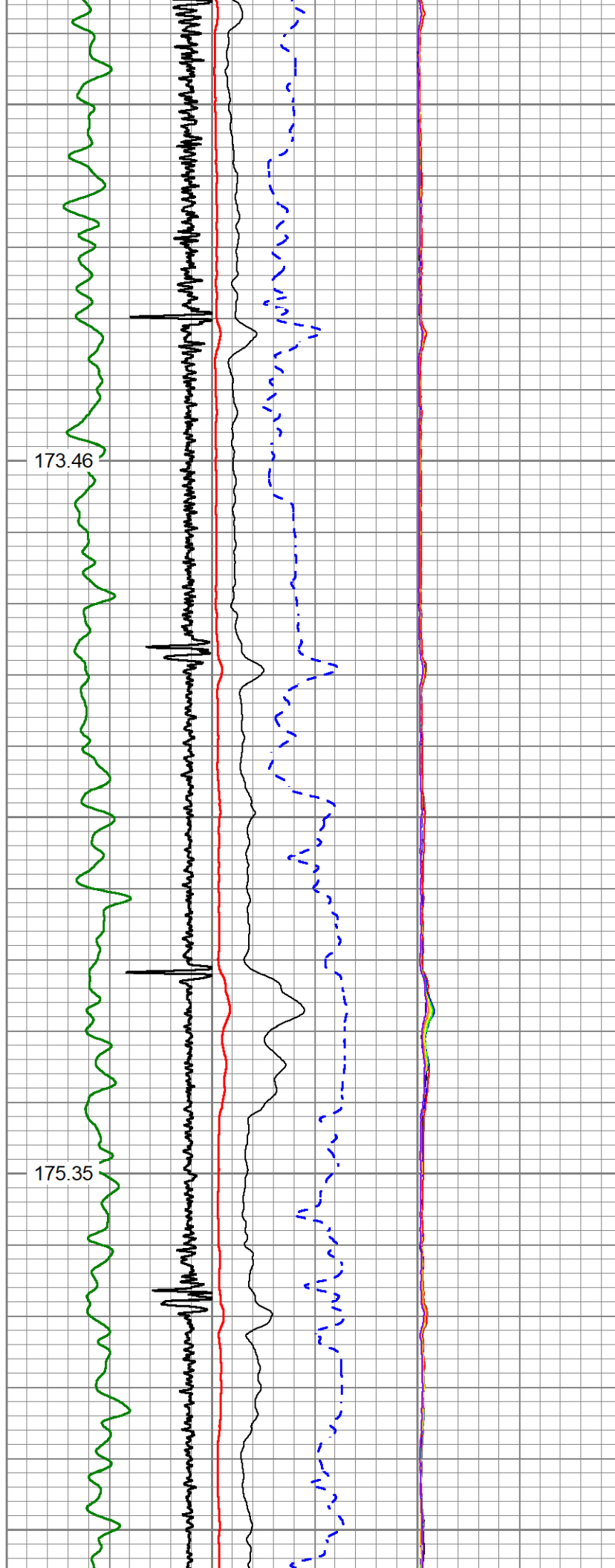
5550

5600

5650

173.46

175.35



5700

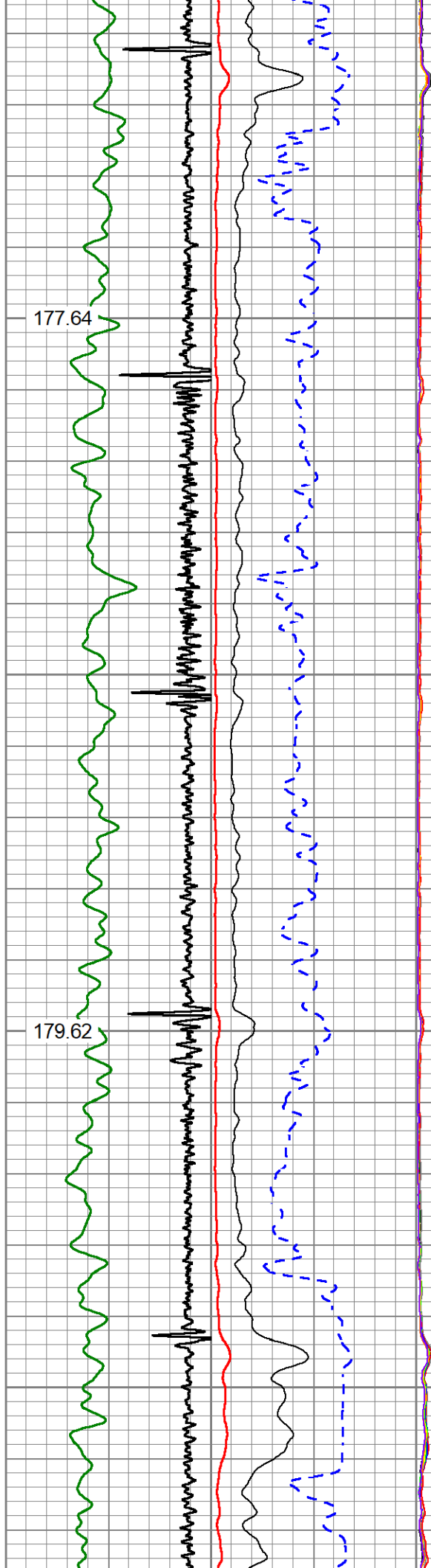
177.64

5750

5800

179.62

5850





5900

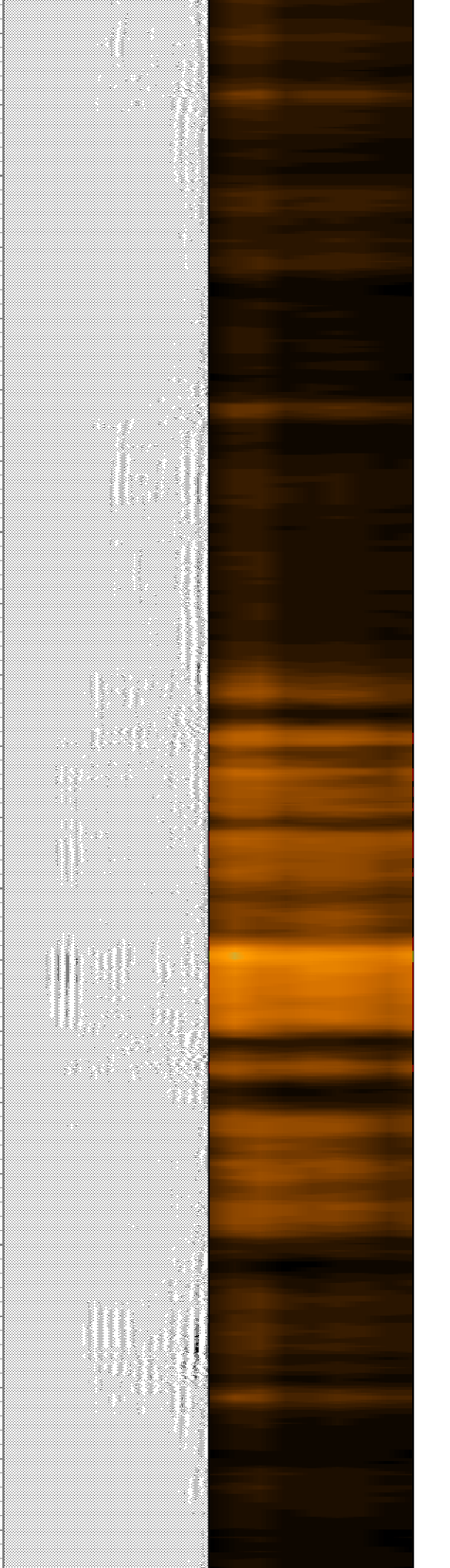
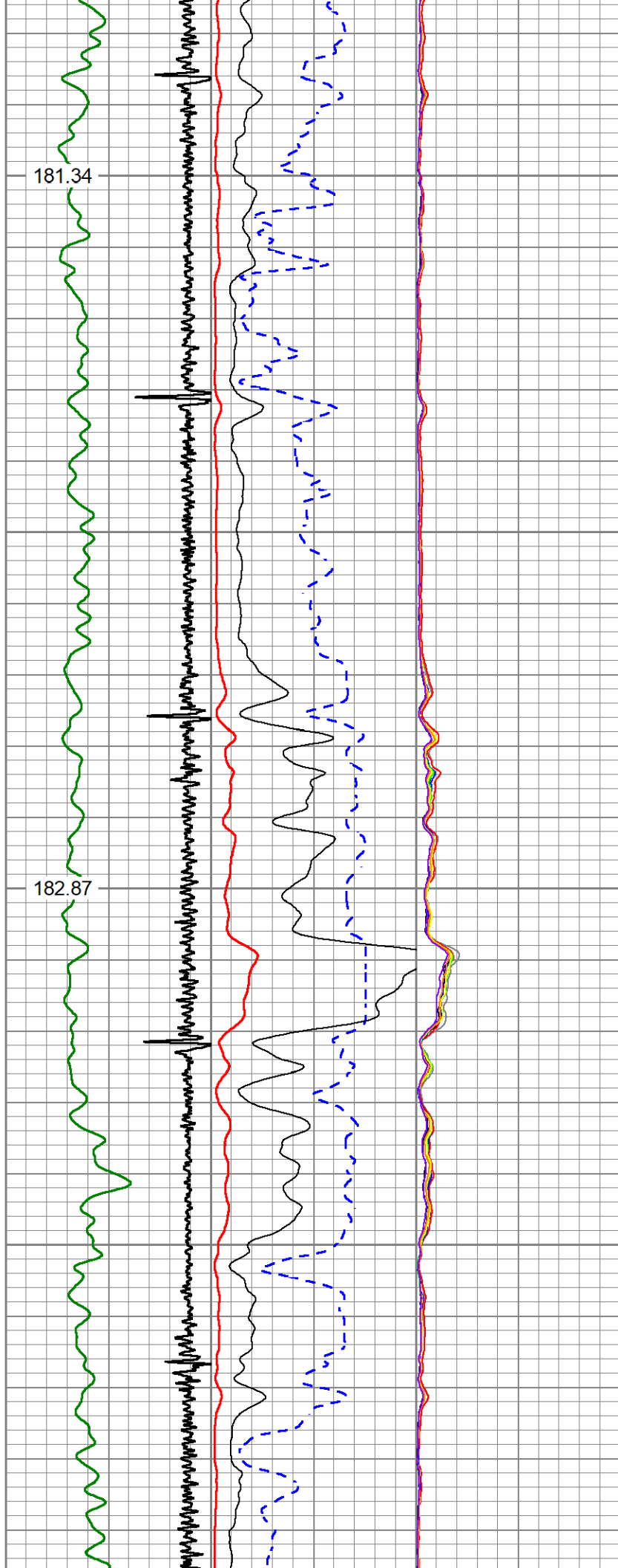
181.34

5950

6000

182.87

6050



6100

184.49

6150

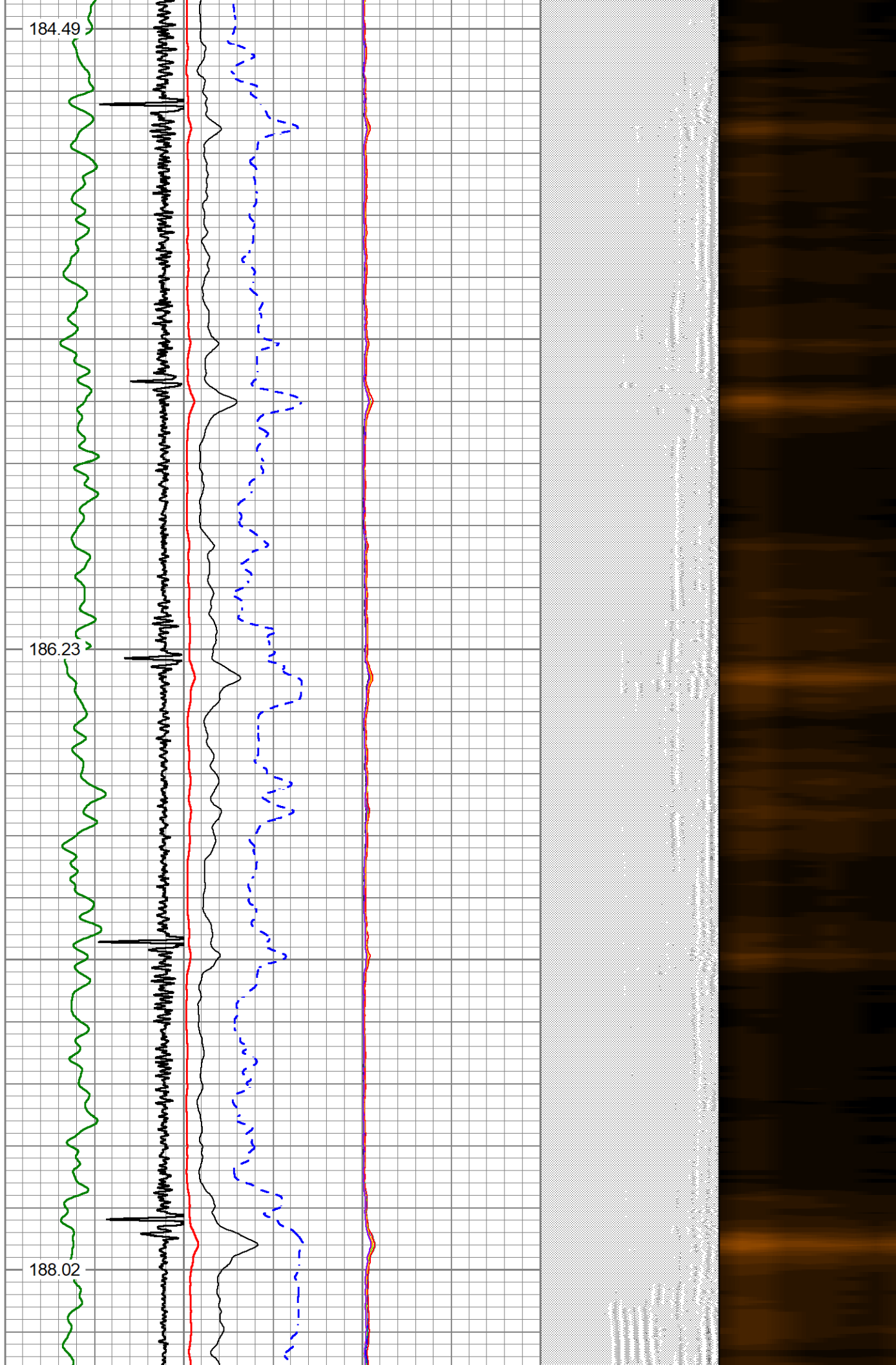
6200

186.23

6250

6300

188.02



6350

6400

6450

6500

190.05

192.07

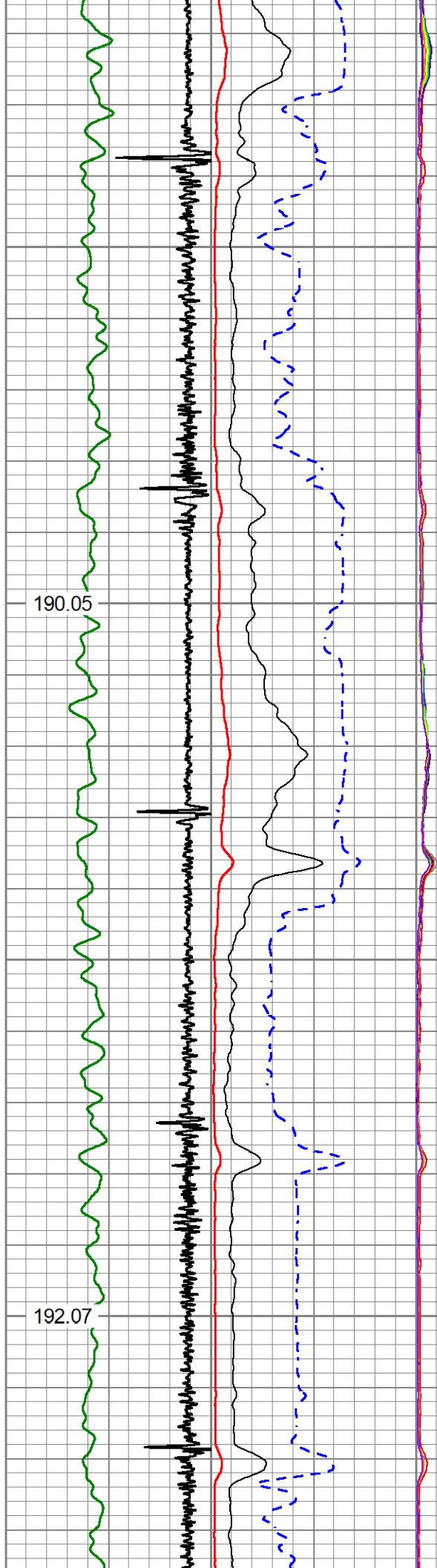


Figure 1: A multi-trace plot showing four data series (green, black, red, and blue) plotted against a common x-axis. The x-axis has major ticks at 6350, 6400, 6450, and 6500. The y-axis has major ticks at 190.05 and 192.07. The green trace is highly oscillatory, fluctuating between approximately 190.05 and 192.07. The black trace shows sharp peaks at 6350, 6400, and 6450, reaching values above 192.07. The red trace is relatively flat, staying around 190.05. The blue trace shows a broad peak around 6400, reaching a value of approximately 191.5.



6550

6600

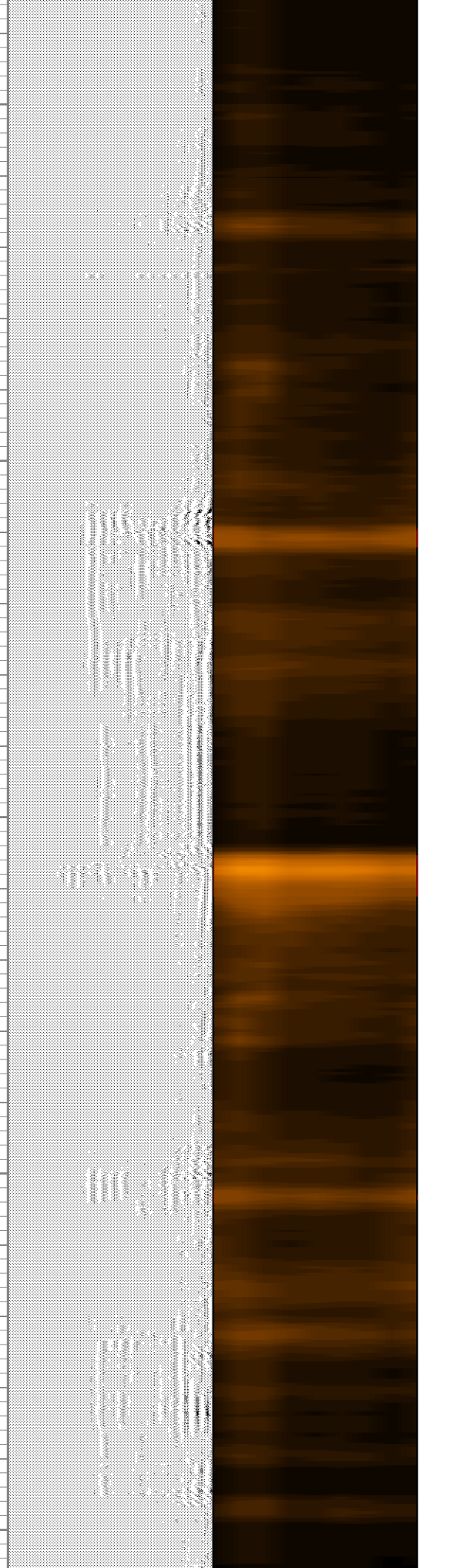
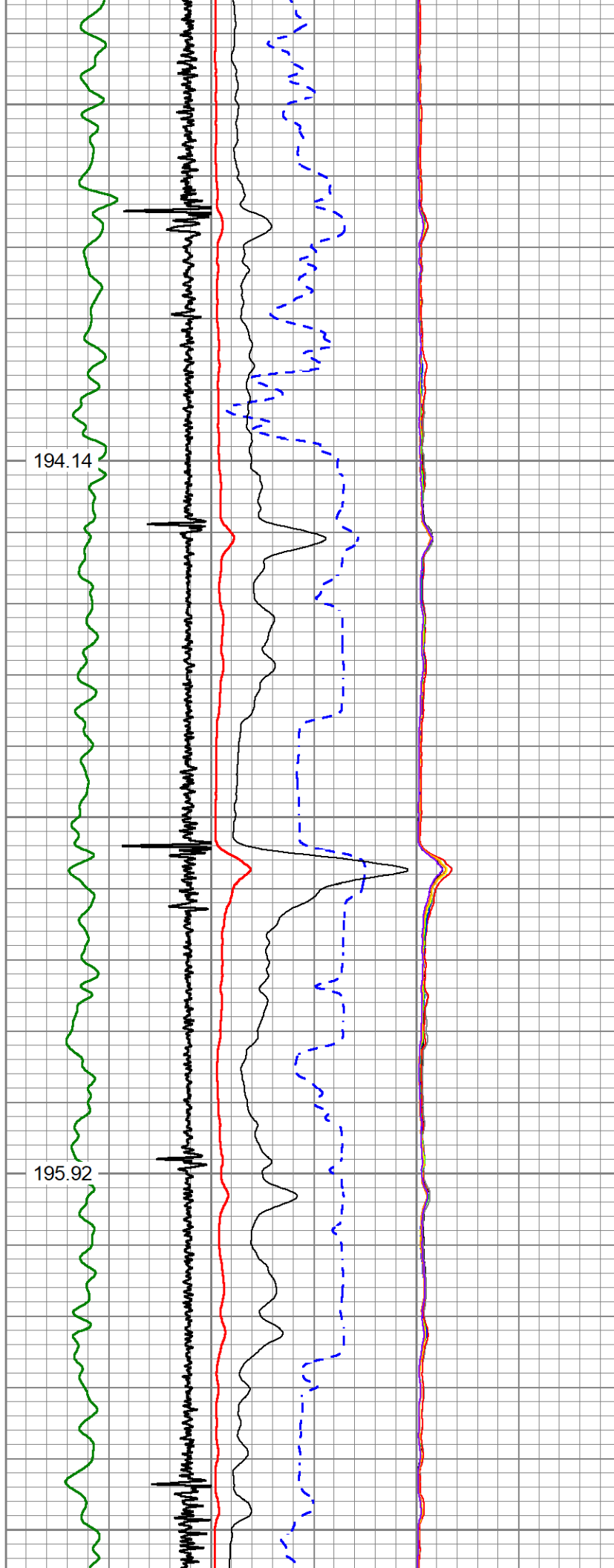
6650

6700

6750

194.14

195.92



6800

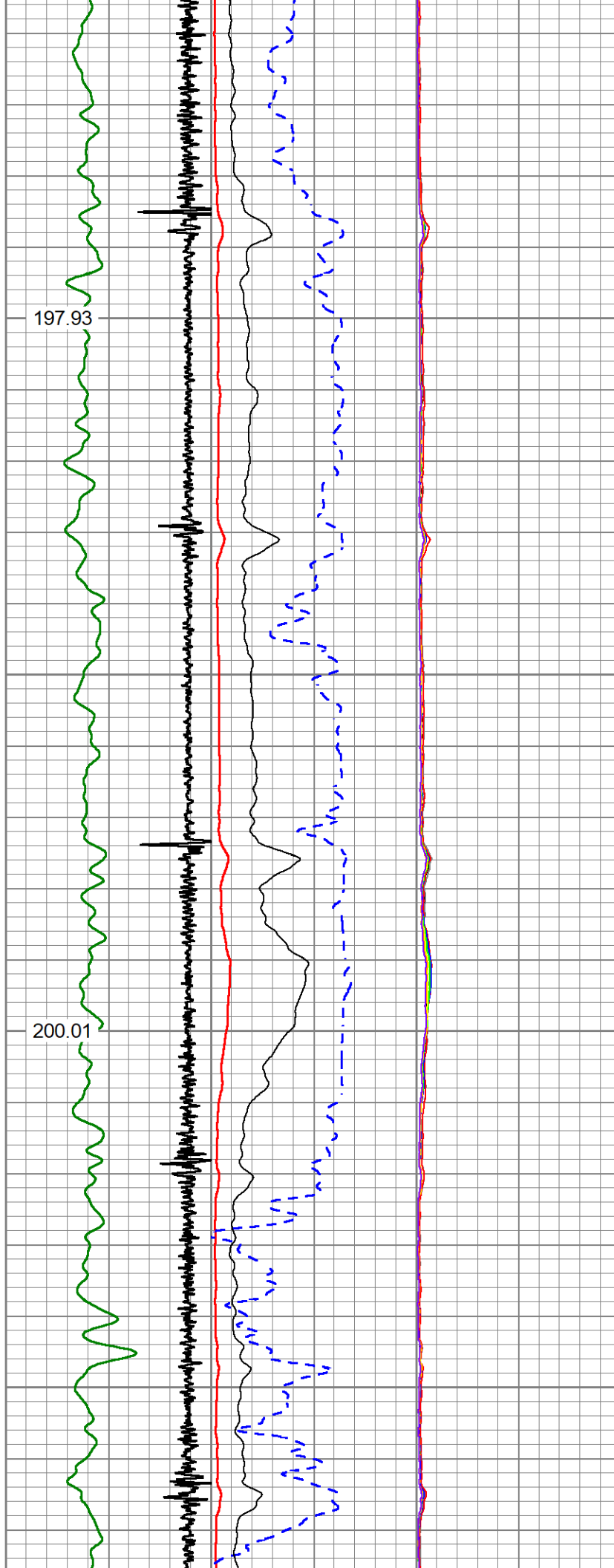
197.93

6850

6900

200.01

6950



7000

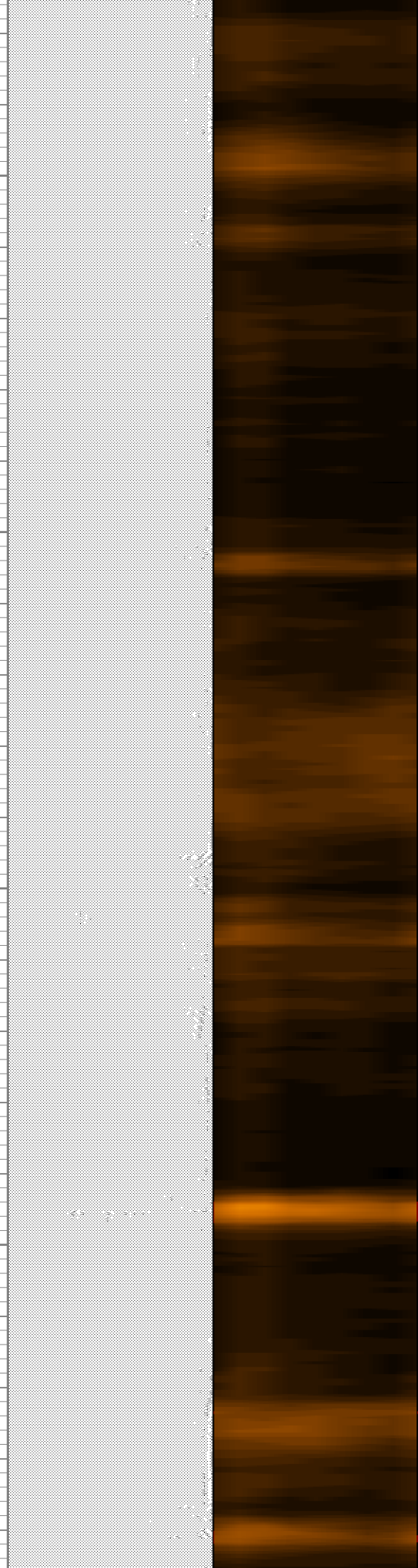
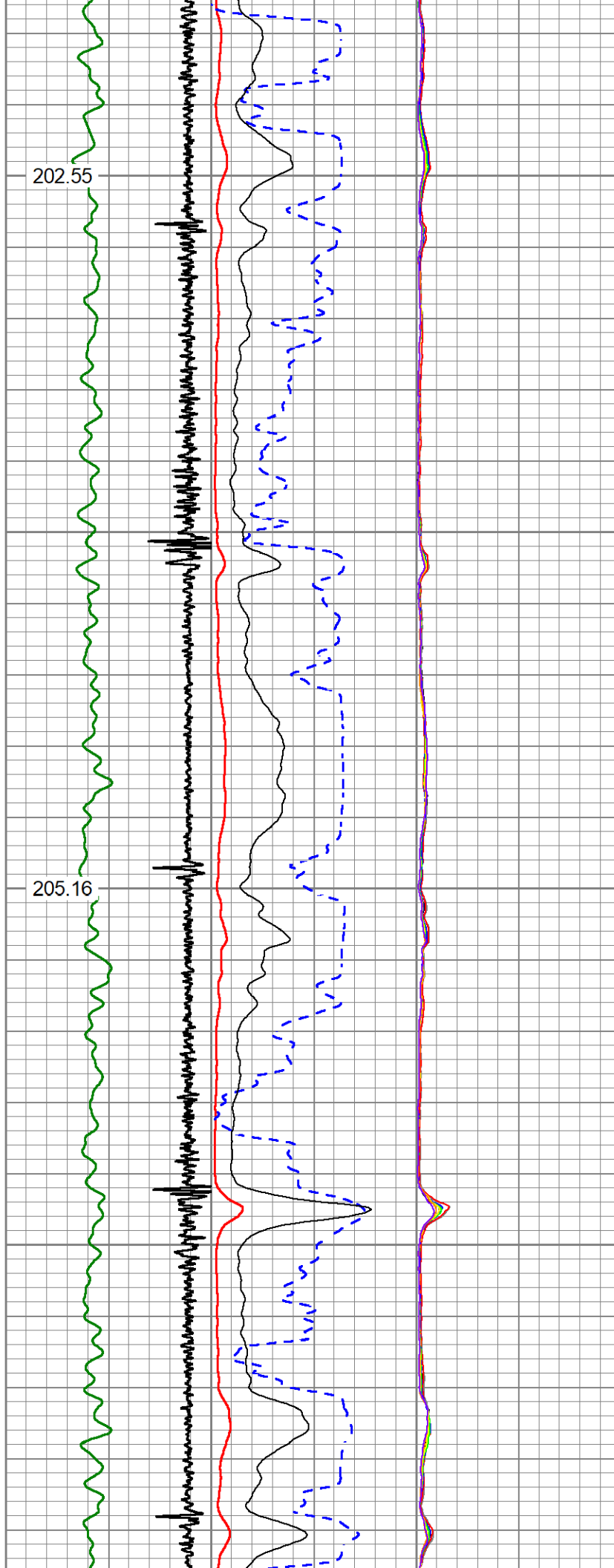
202.55

7050

7100

205.16

7150





7200

207.72

7250

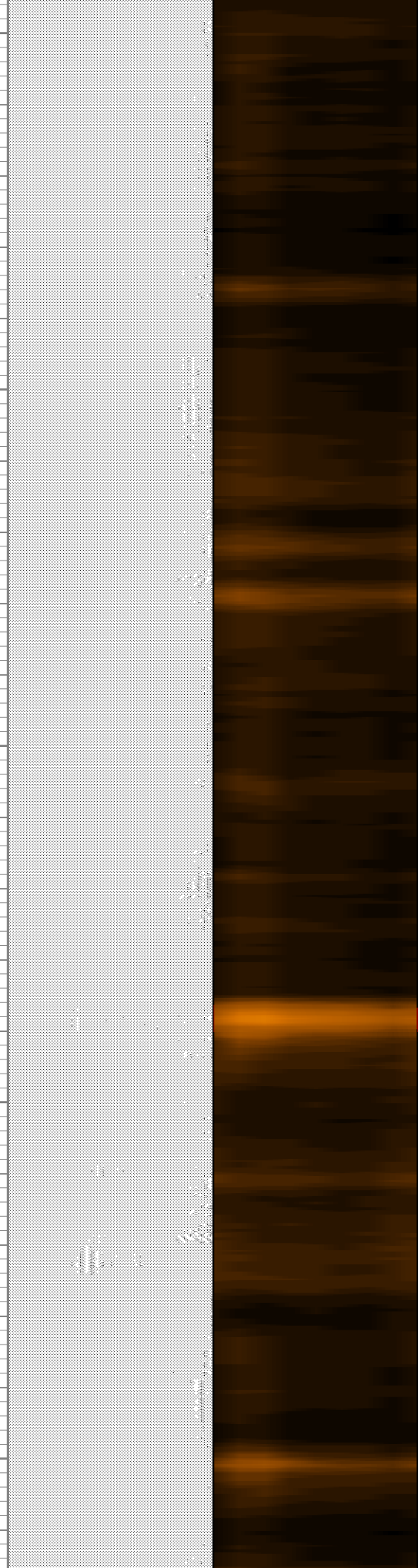
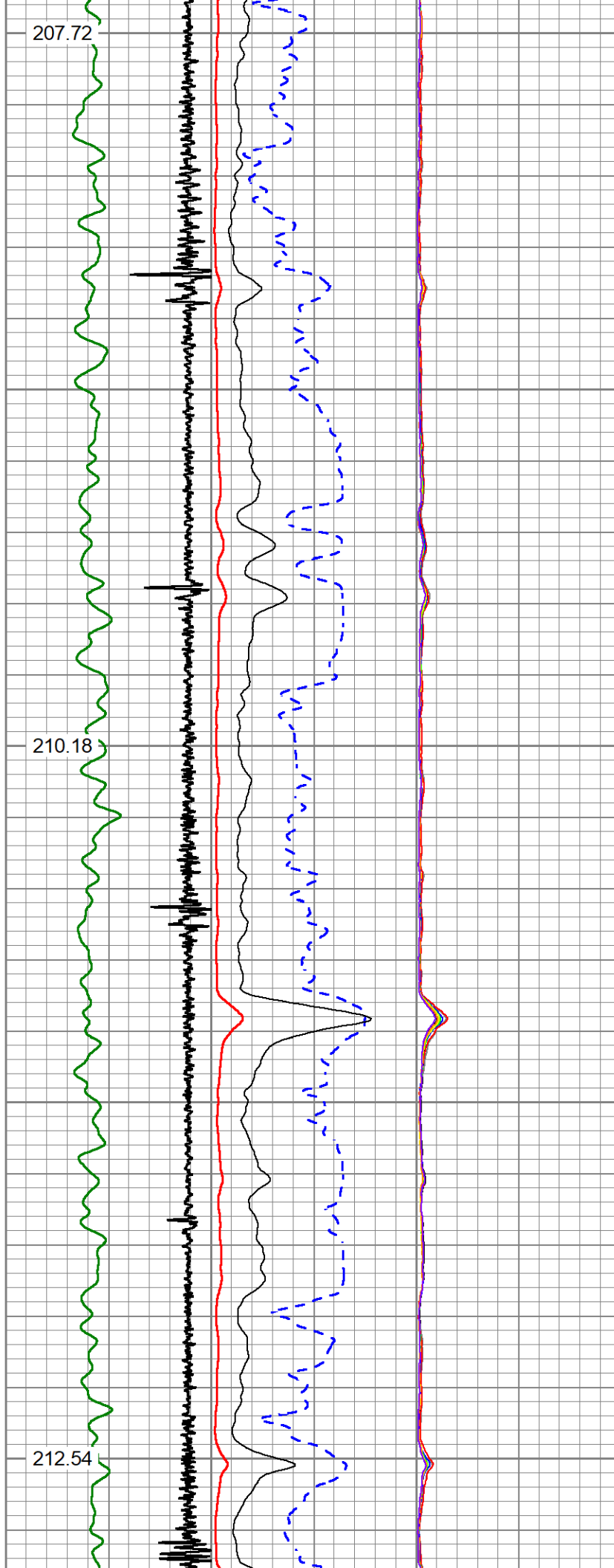
7300

210.18

7350

7400

212.54



7450

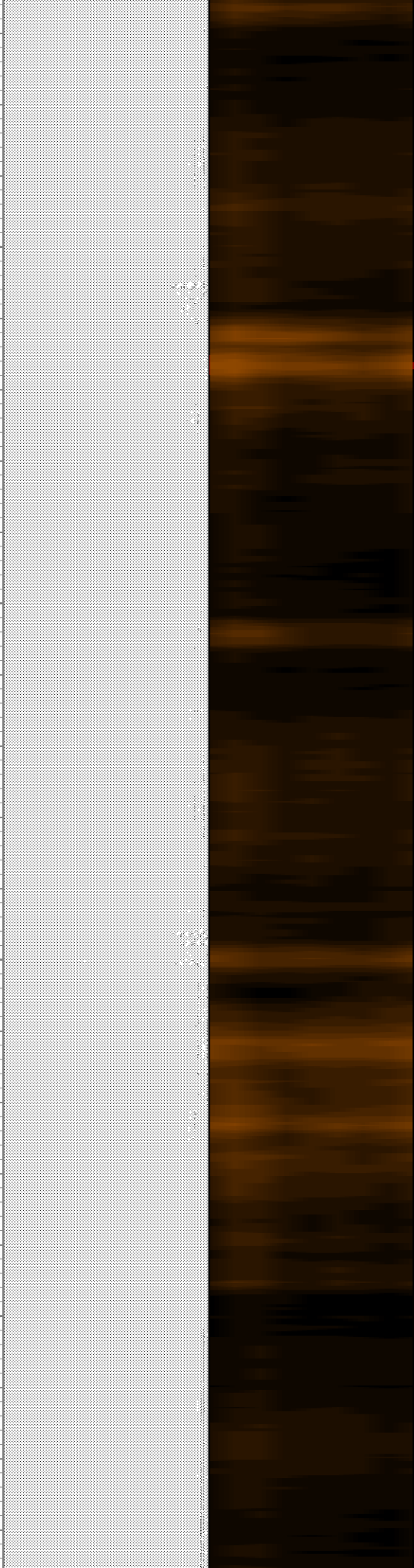
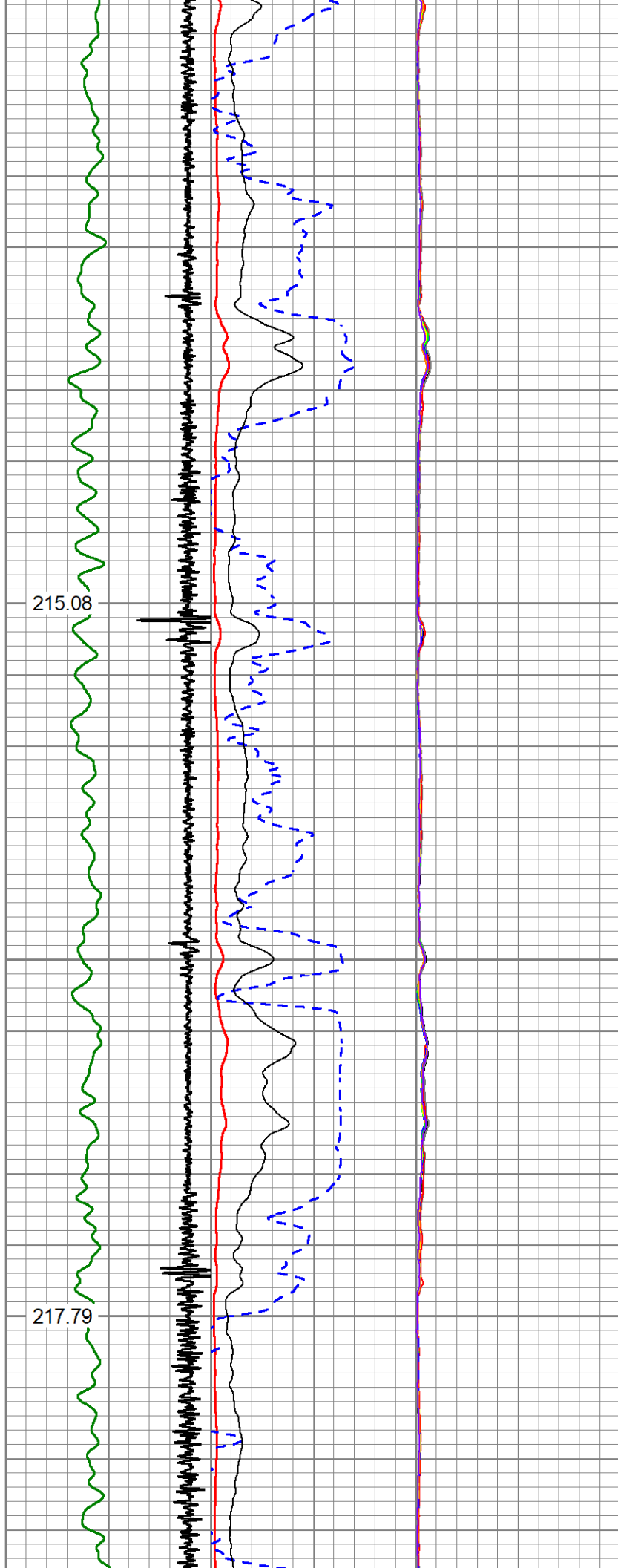
7500

7550

7600

215.08

217.79



7650

7700

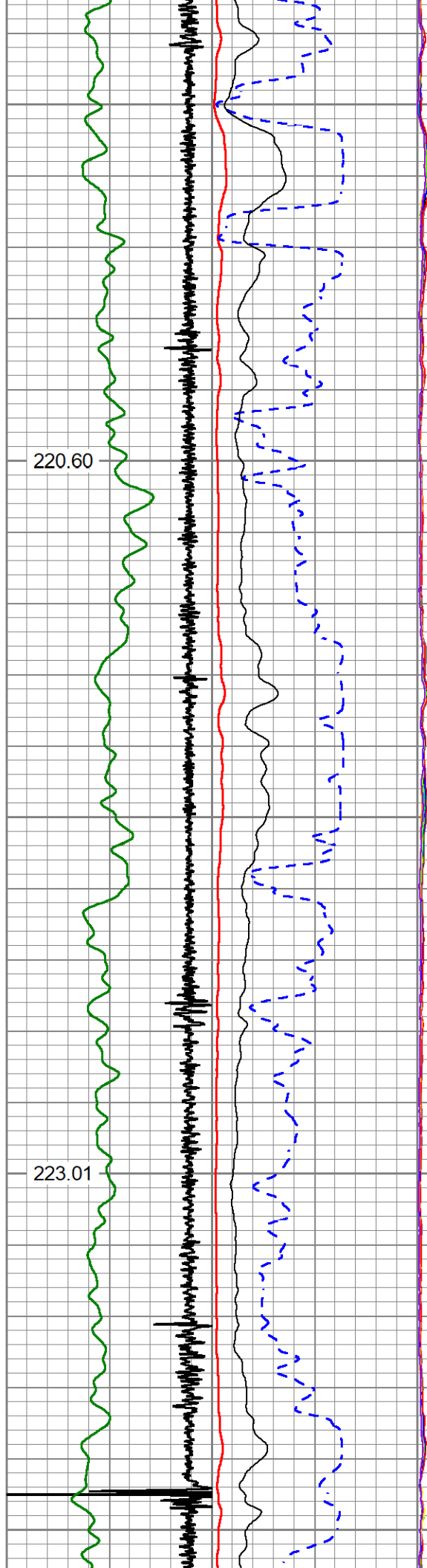
7750

7800

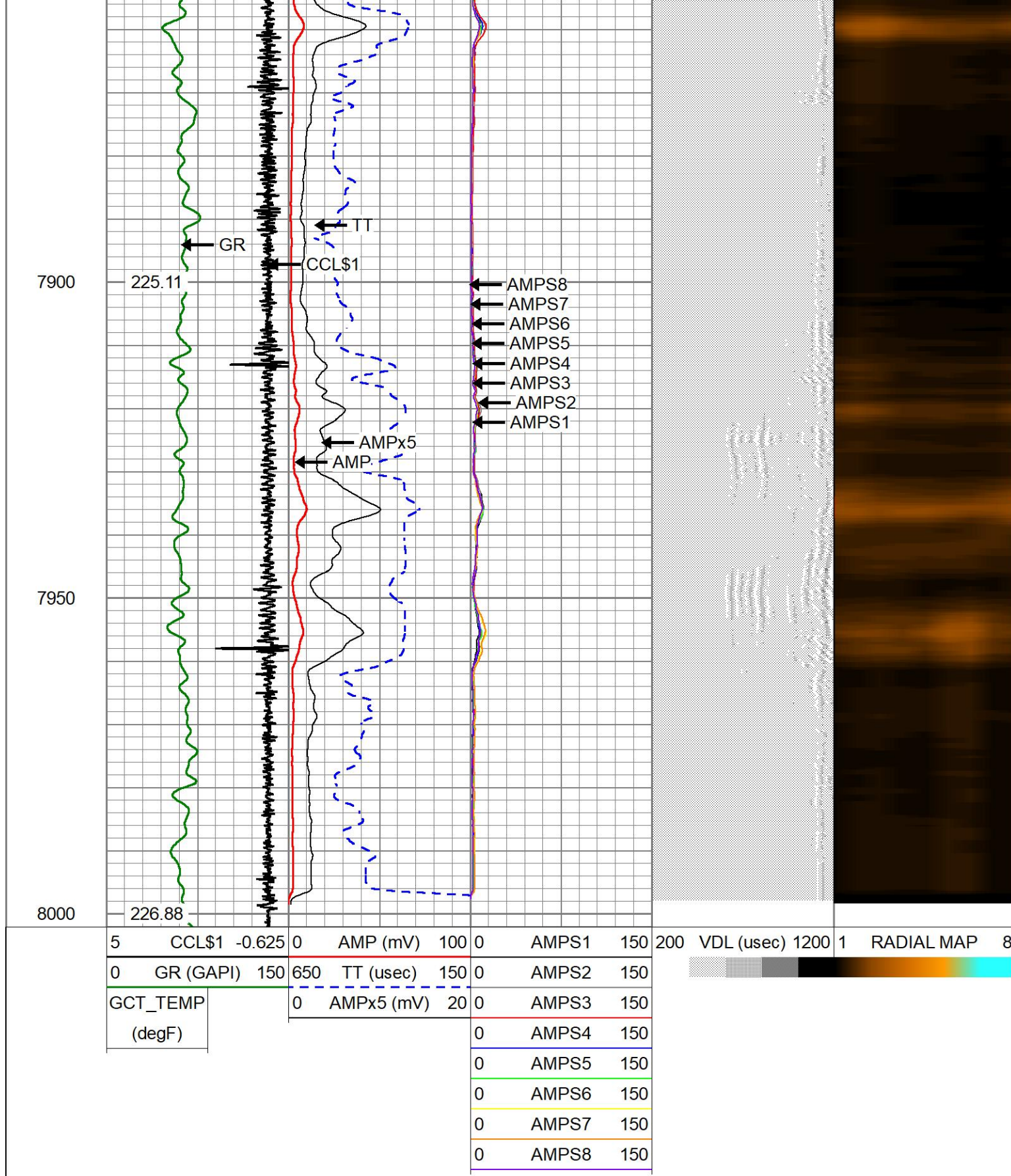
7850

220.60

223.01



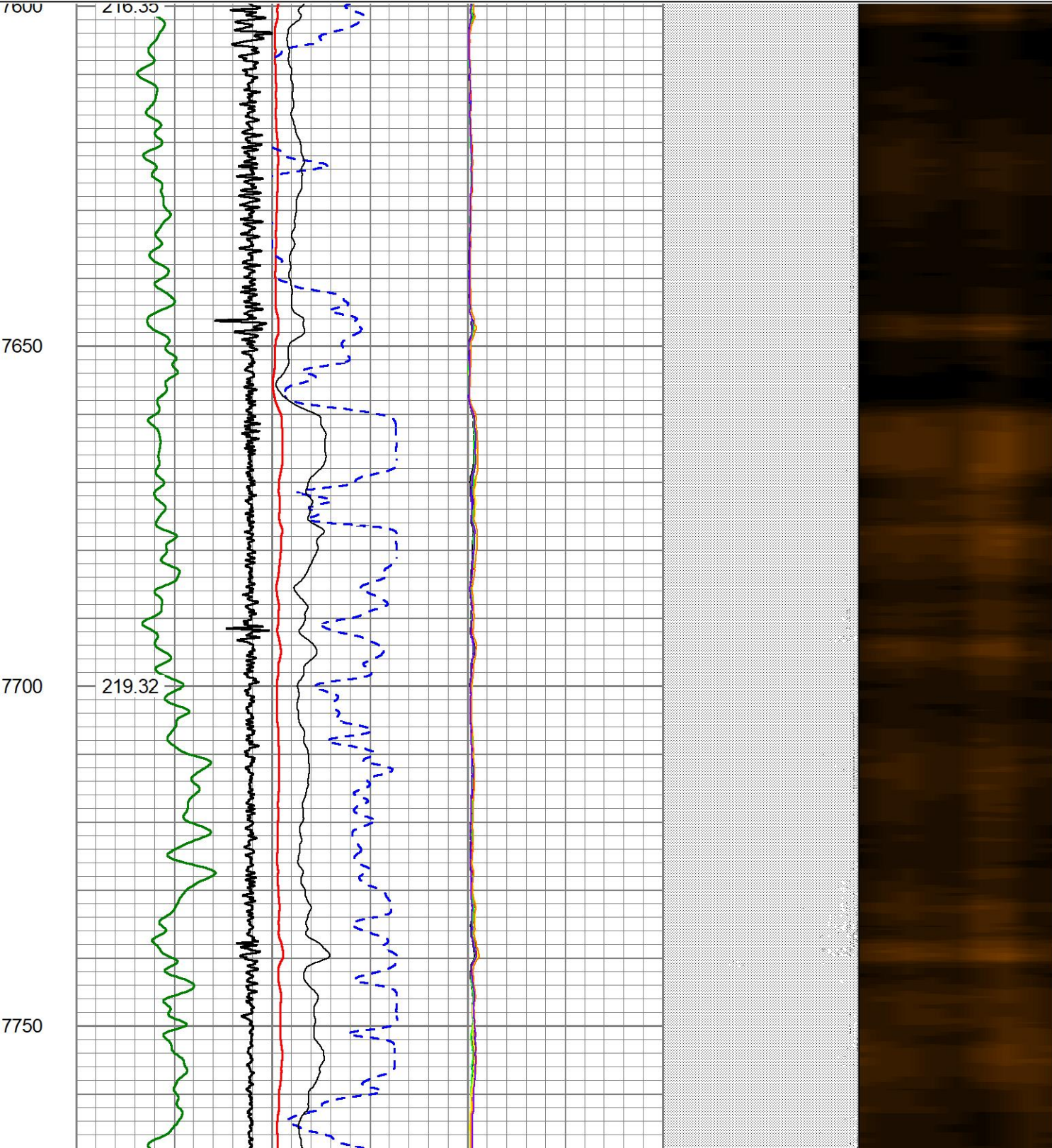




Repeat Section



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						



7800

222.01

7850

7900

224.31

7950

GR

CCL\$1

TT

AMPx5

AMP<sup>2</sup>

AMPS8

AMPS7

AMPS6

AMPS5

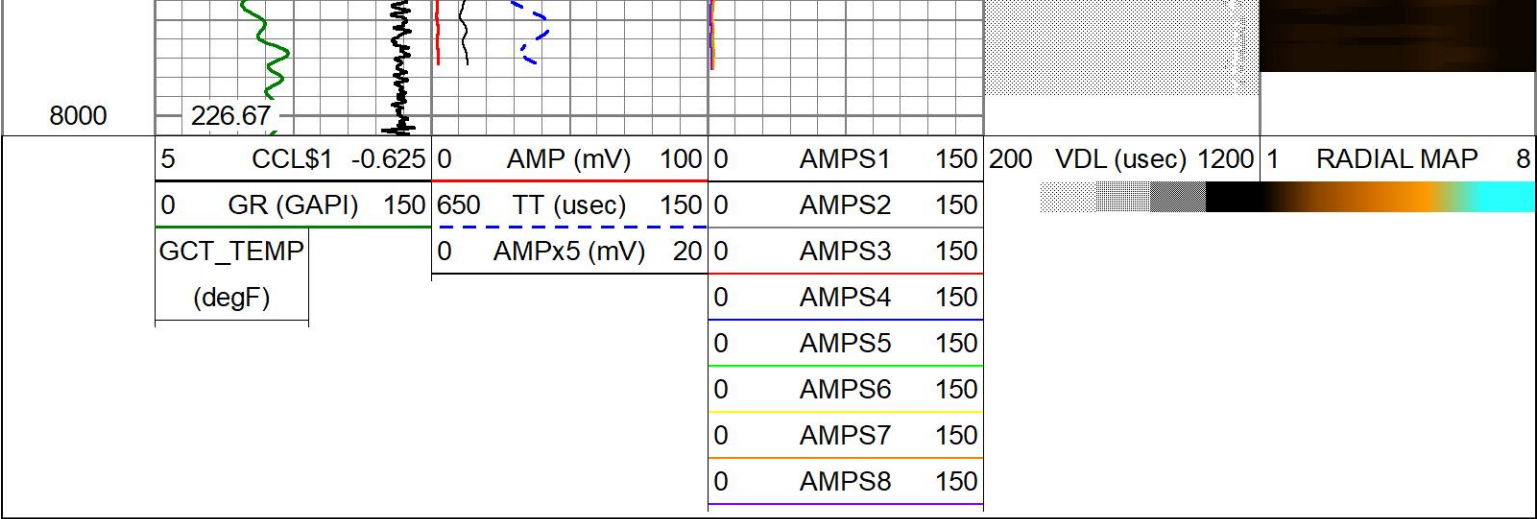
AMPS4

AMPS3

AMPS2

AMPS1





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					

