



**RADIAL CEMENT  
BOND LOG**

**Company MALLARD EXPLORATION**  
**Well CINNAMON TEAL 35-16HN**  
**Field DUCK POND**  
**County WELD State COLORADO**

**Company** MALLARD EXPLORATION  
**Well** CINNAMON TEAL 35-16HN  
**Field** DUCK POND  
**County** WELD  
**State** COLORADO

**Location:** API # : 05-123-46650  
SHL: 550' FSL & 2219' FWL  
BHL: 613' FNL & 633' FEL  
SEC 35 TWP 8N RGE 60W  
Permanent Datum GROUND LEVEL Elevation  
Log Measured From KELLY BUSHING = 25'  
Drilling Measured From KELLY BUSHING  
Other Services  
NONE  
Elevation  
K.B. 4949'  
D.F. 4948'  
G.L. 4924'

**Date** 10 JULY 2018

**Run Number** ONE  
**Depth Driller** 11546'  
**Depth Logger** 7049'  
**Bottom Logged Interval** 7049'  
**Top Log Interval** SURFACE  
**Open Hole Size** 8.50"  
**Type Fluid** WATER  
**Density / Viscosity** ~8.3#  
**Max. Recorded Temp.** N/A  
**Estimated Cement Top** SEE LOG  
**Time Well Ready** ROA  
**Time Logger on Bottom** 16:30  
**Equipment Number** W-059  
**location** WINDSOR, CO  
**Recorded By** Z. EMICK  
**Witnessed By** T. JAMES

Borehole Record			Tubing Record		
Run Number	Bit	From	To	Size	Weight
ONE	12.25"	0'	1687'		From
TWO	8.50"	1687'	11548'		To

**Casing Record** Size Wgt/Ft Top Bottom  
Surface String 9.625" 36# 0' 1687'  
Prot. String  
Production String 5.5" 20# 0' 11546'  
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.

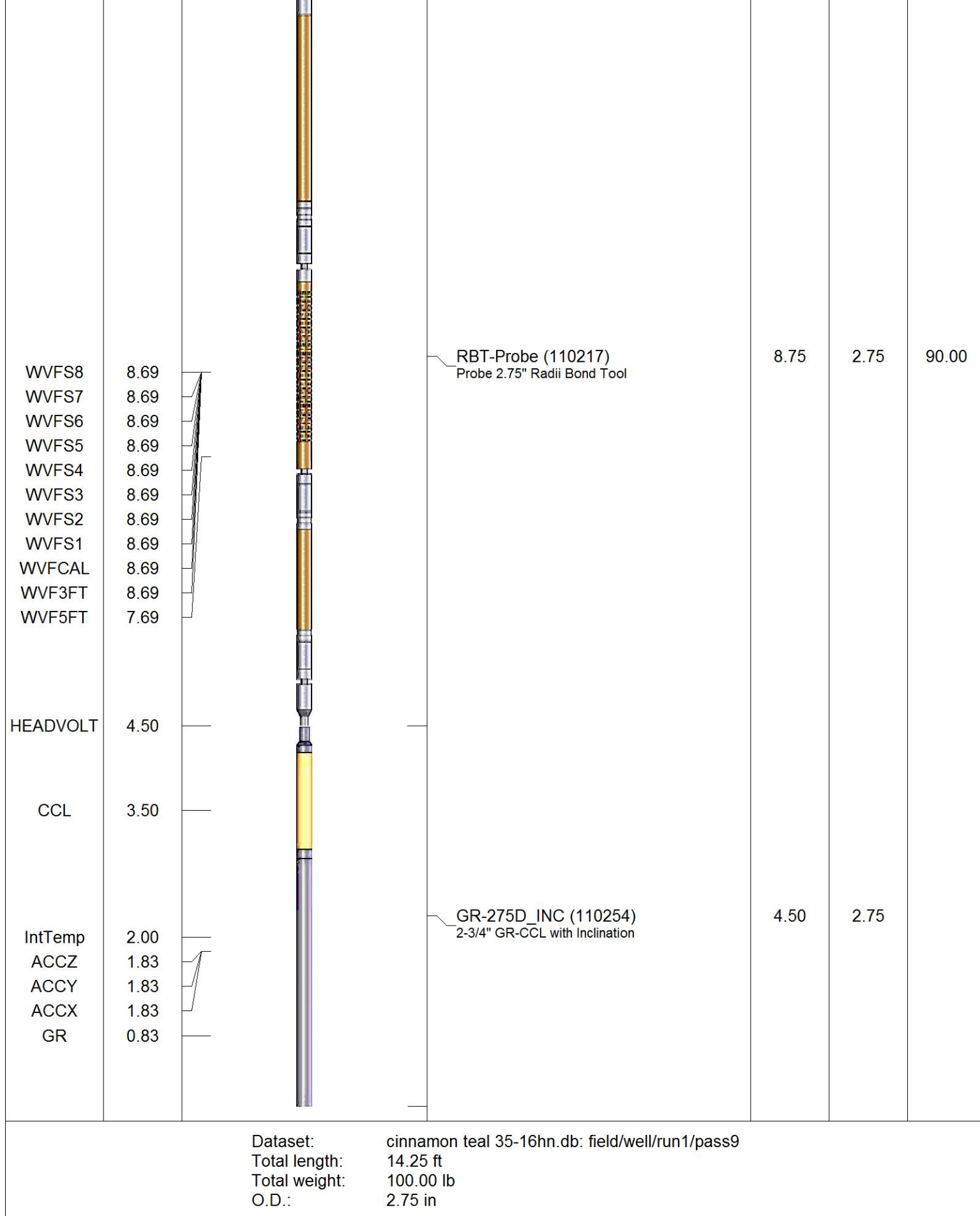
**Comments**

**LOG NOT CORRELATED TO ANY OTHER LOG.**

**MARKER JOINT = 6672' - 6695'**

**THANK YOU FOR CHOOSING CUTTERS WIRELINE SERVICE.**

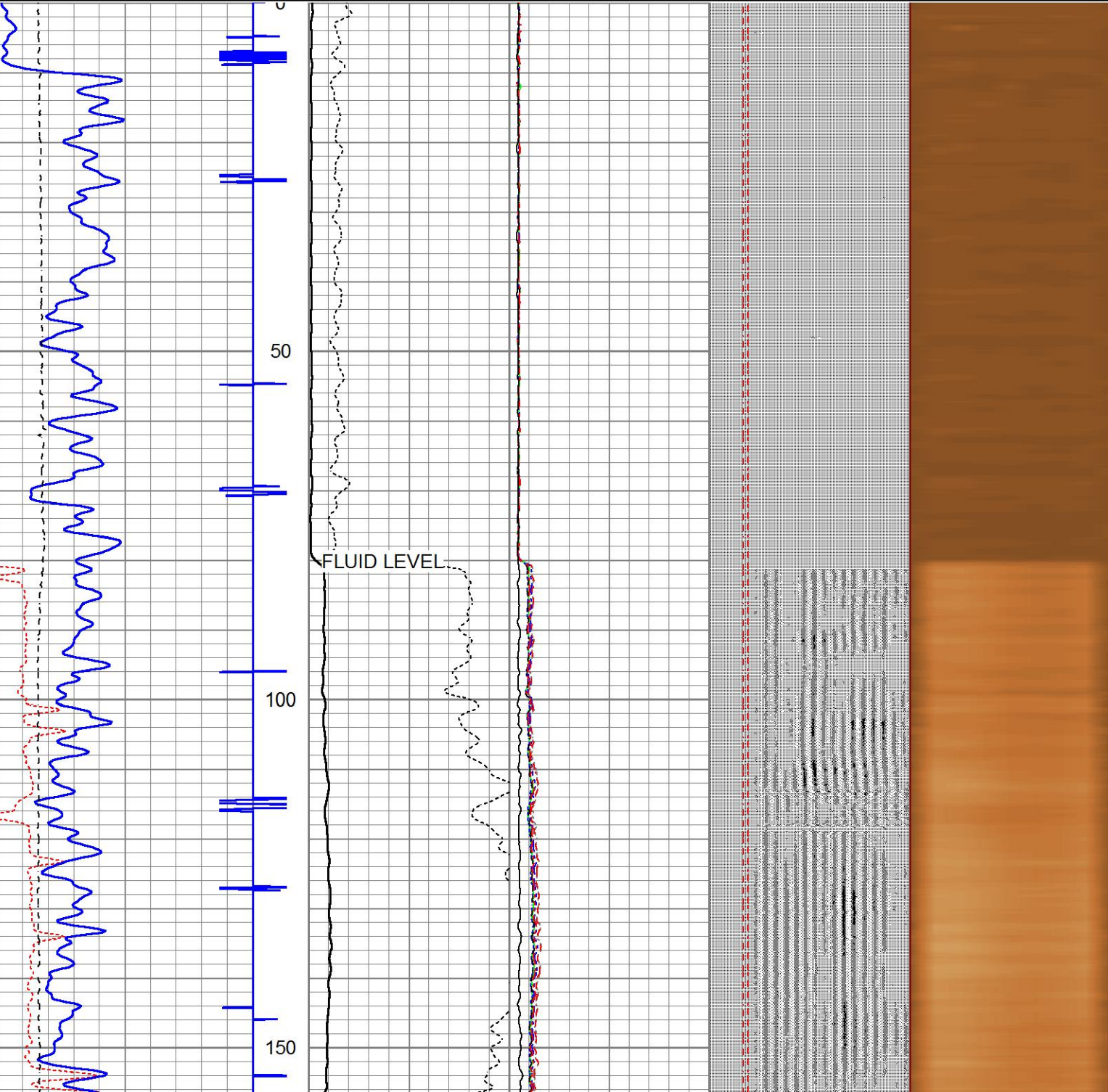
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00

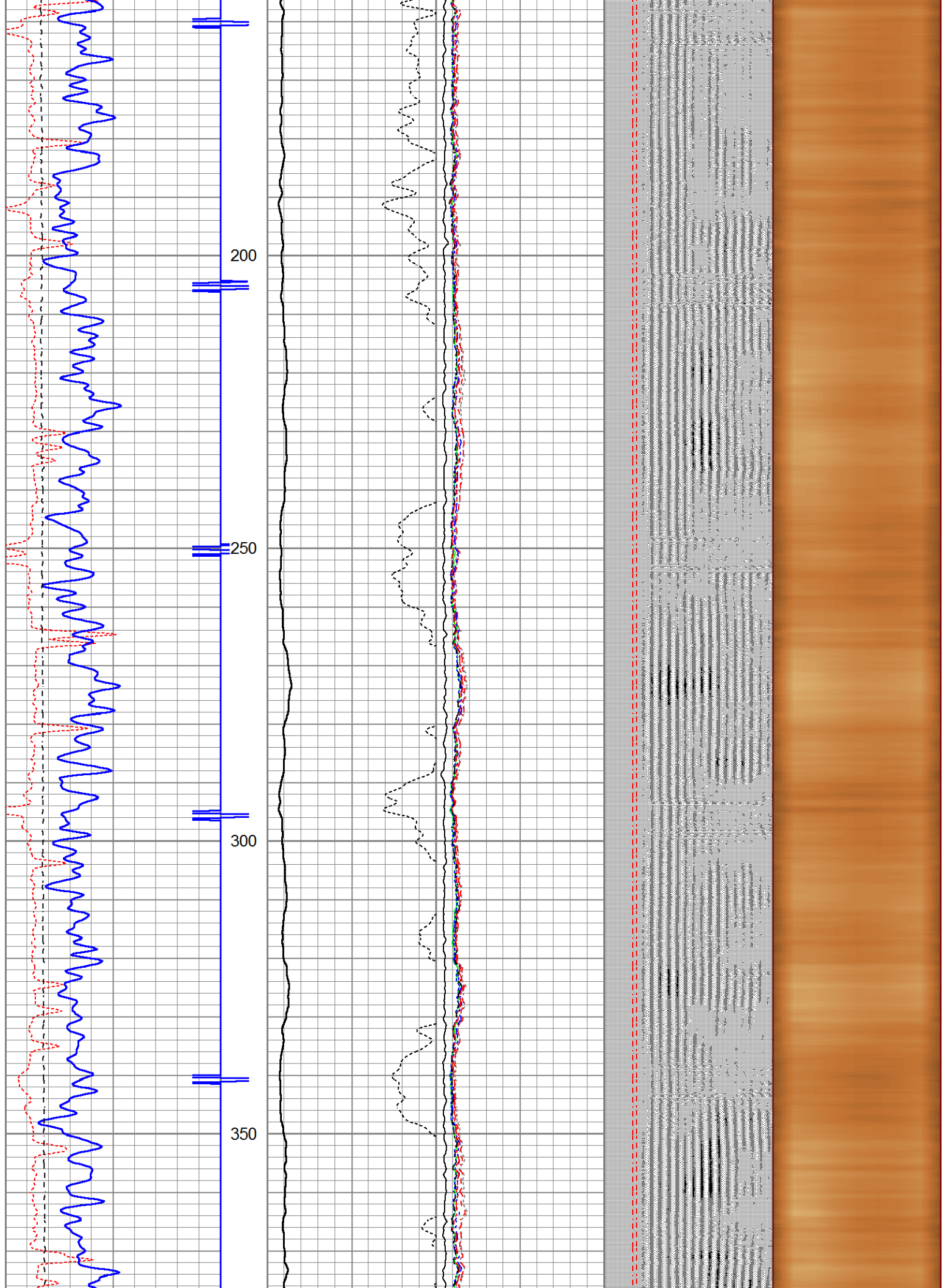




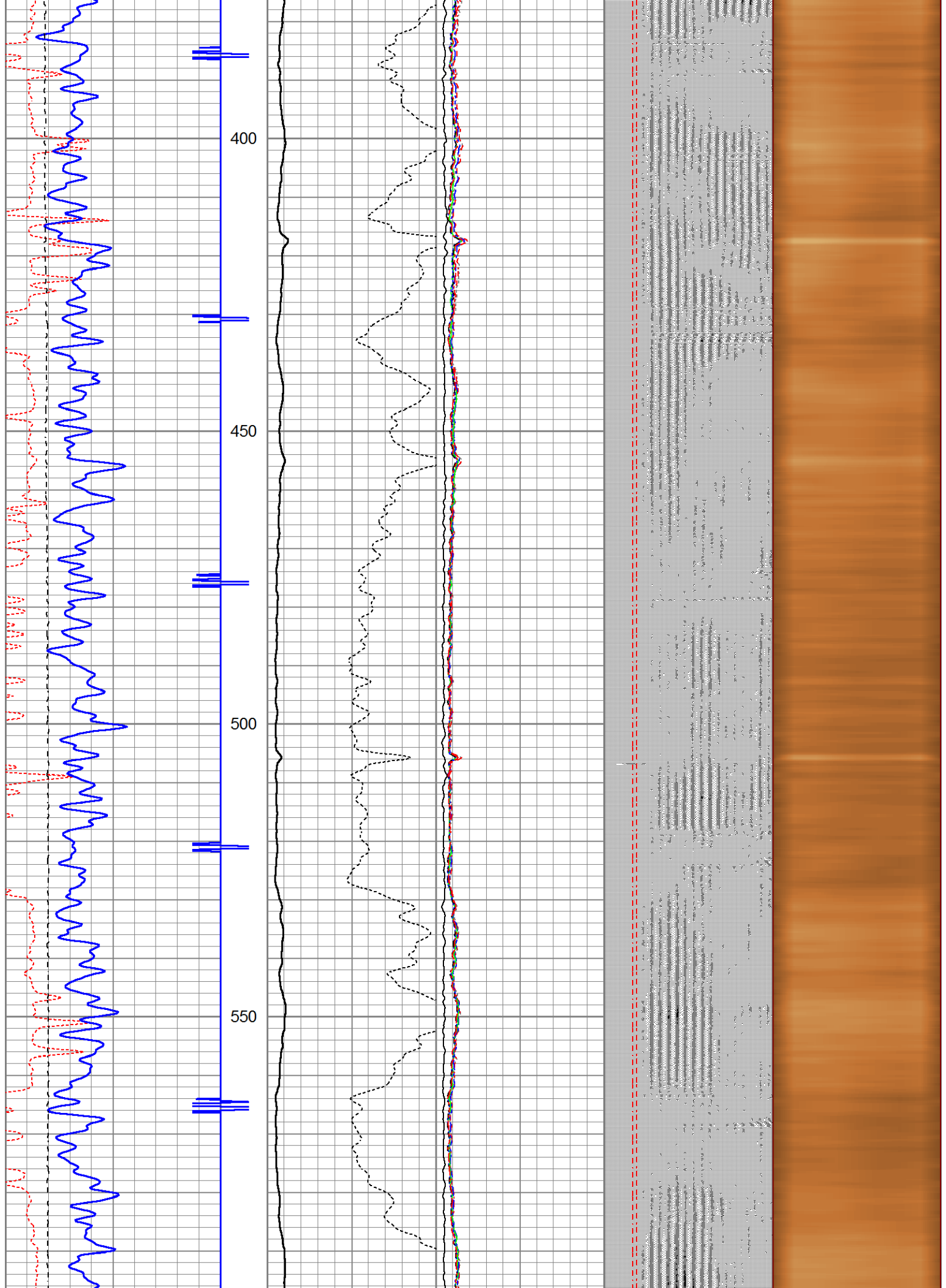
Database File      cinnamon teal 35-16hn.db  
Dataset Pathname    pass9  
Presentation Format    scbl4\_5  
Dataset Creation      Tue Jul 10 17:05:58 2018  
Charted by            Depth in Feet scaled 1:240

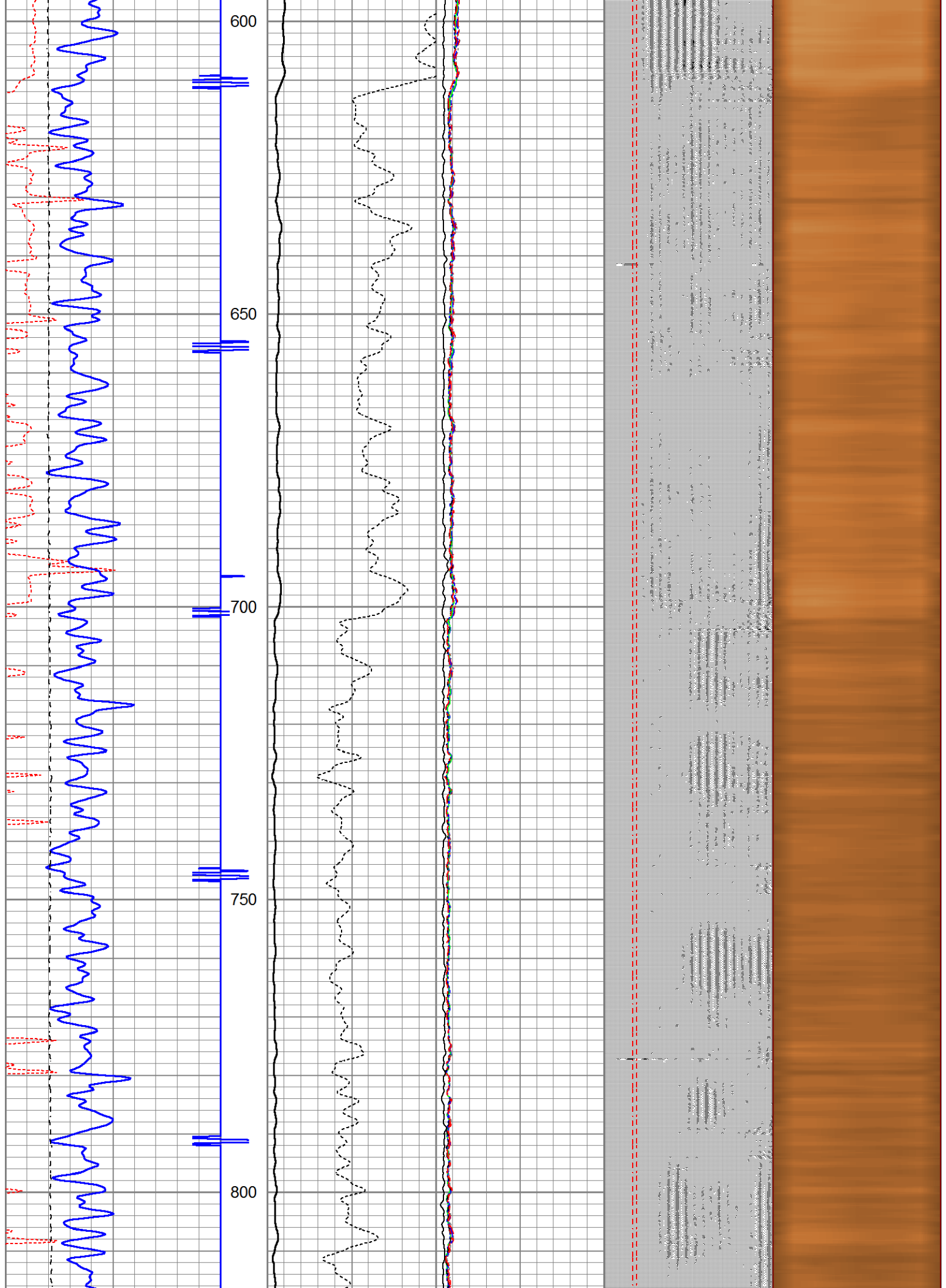
325	TT (usec)	225	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL (usec)	1200	Cement Map
0	GR (GAPI)	200		Amplified Amplitude		-5	AMPS3	150				
0	LTEN (lb)	3000	0	(mV)	10	-5	AMPS4	150	Free Pipe Section			
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				
						-5	AMPS1	150				

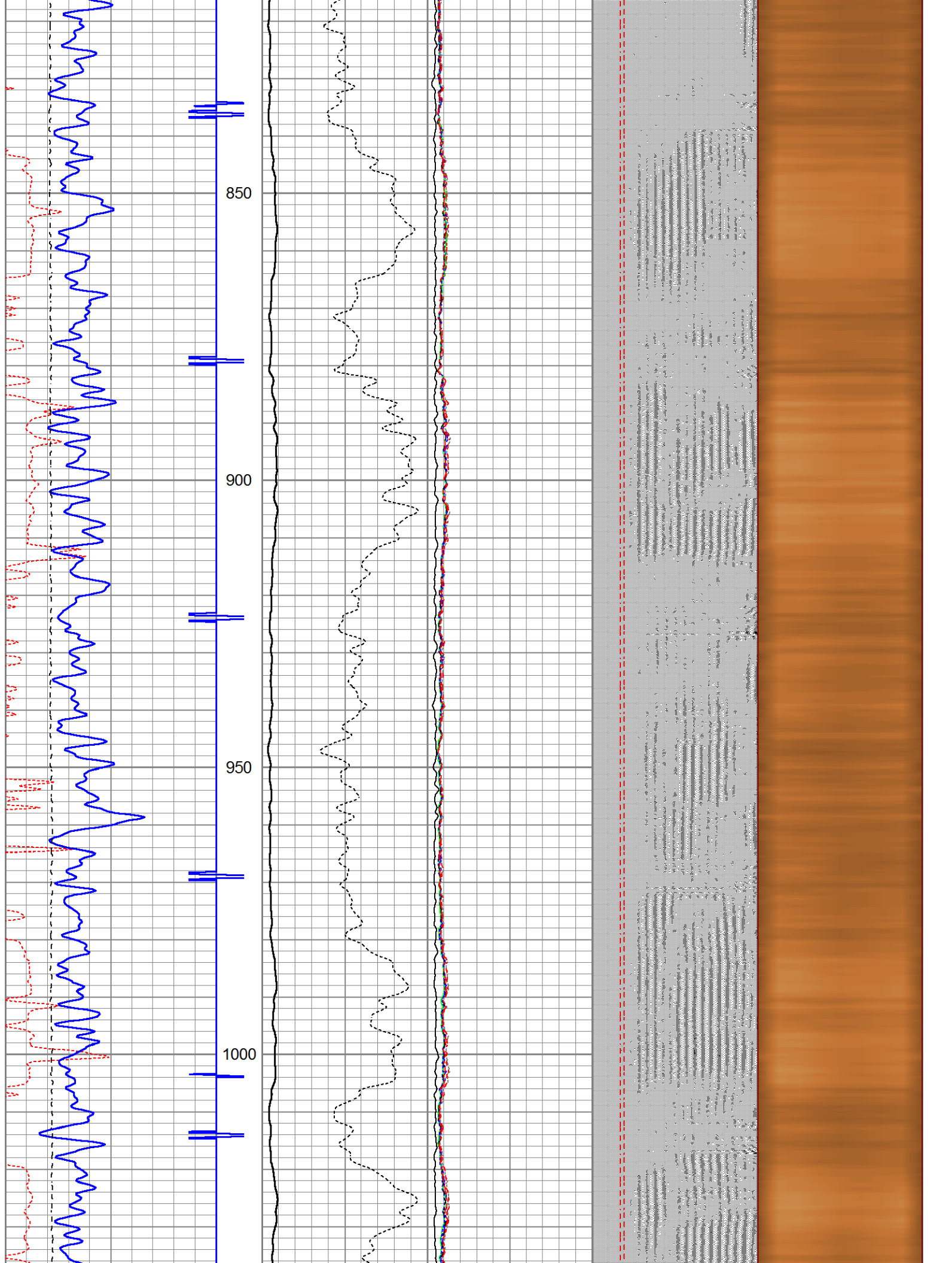




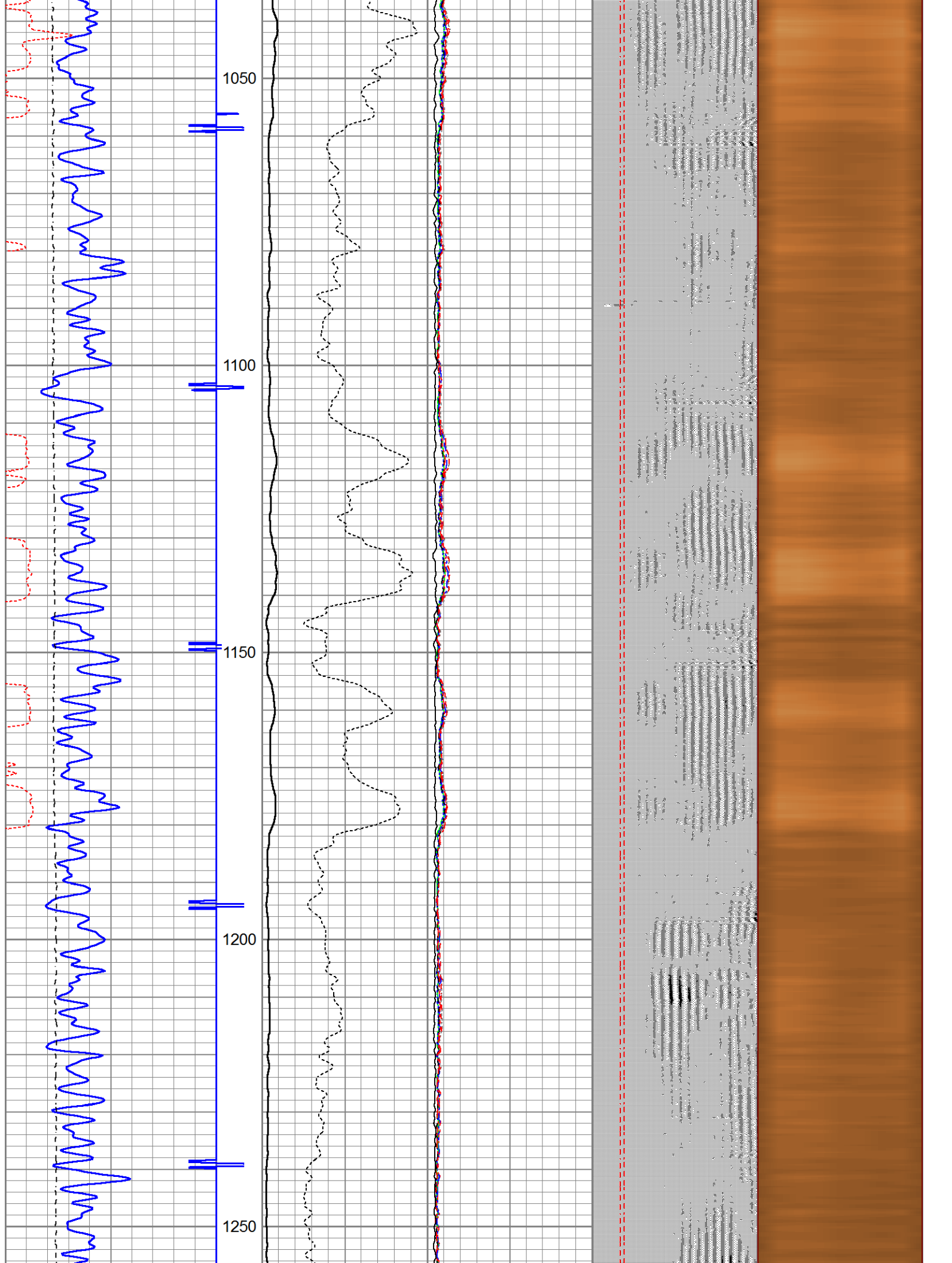




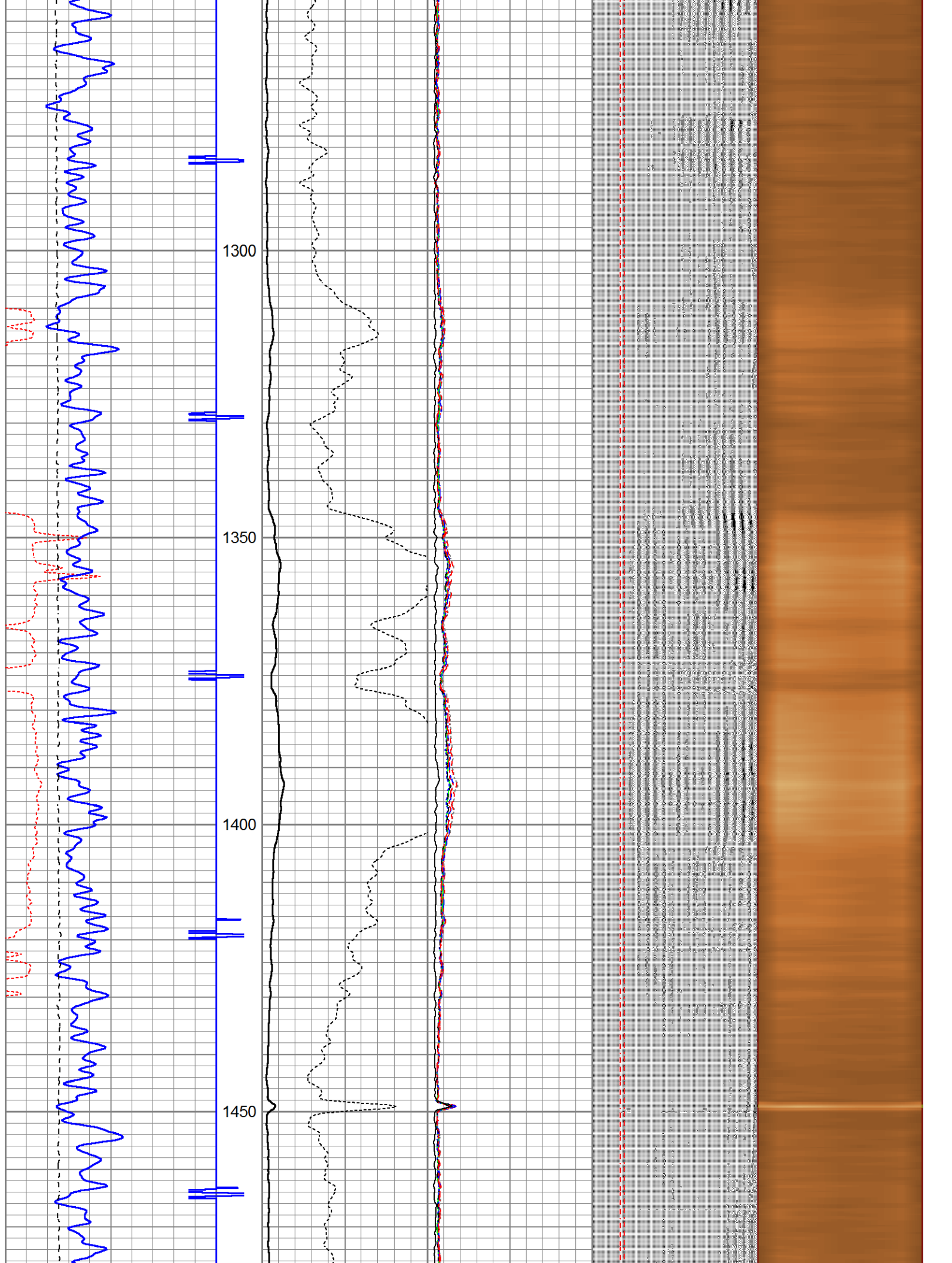


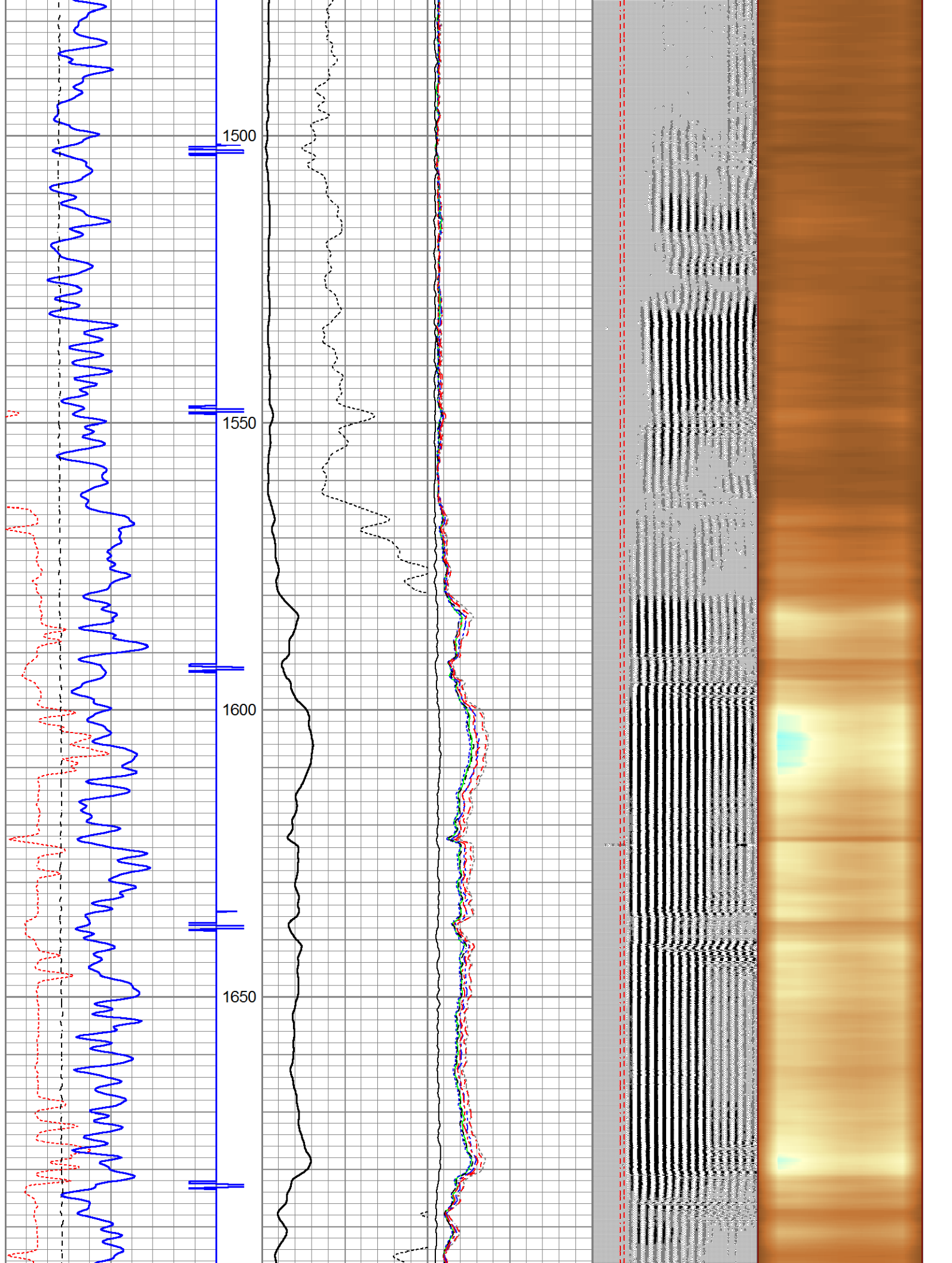


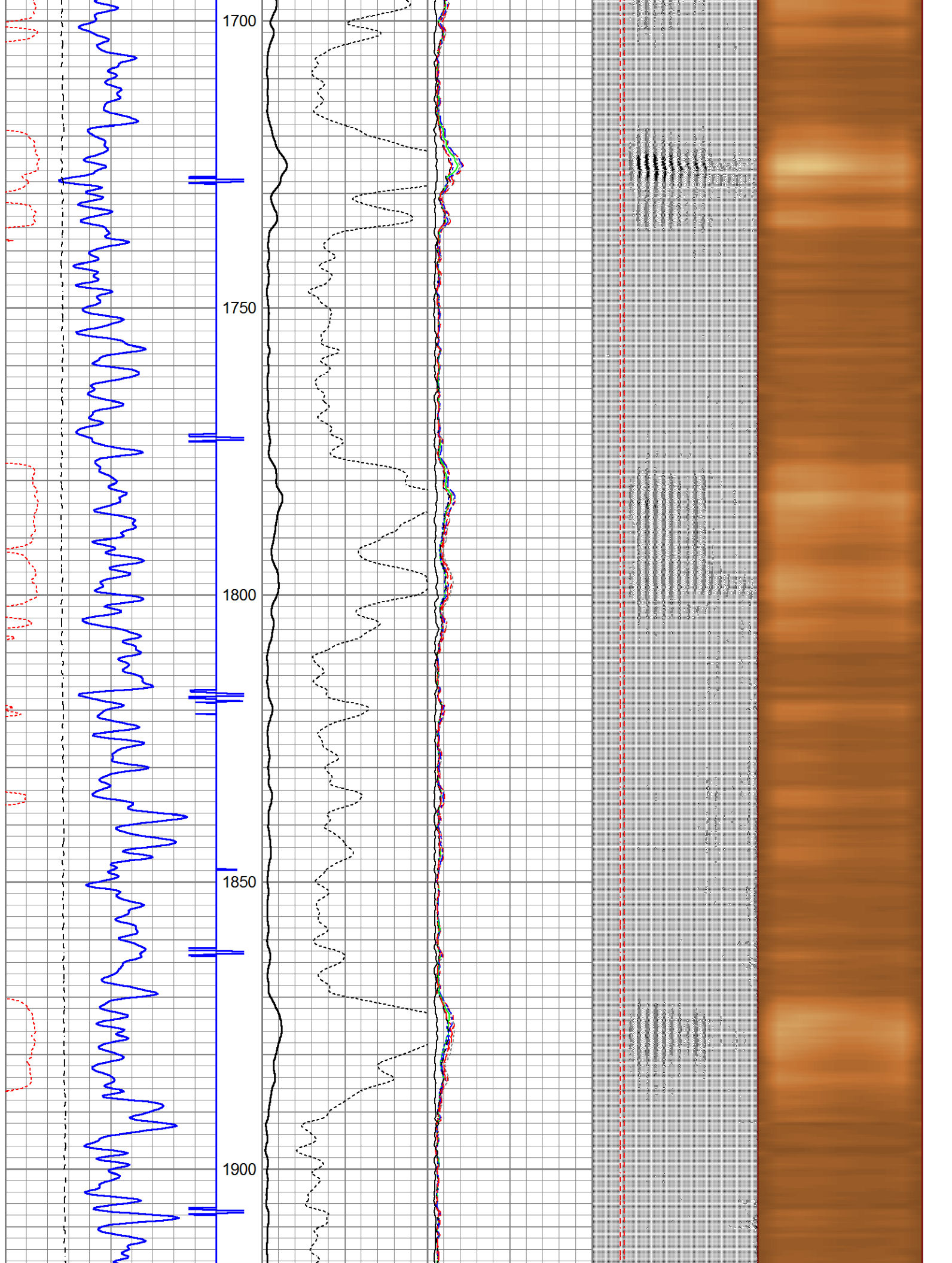




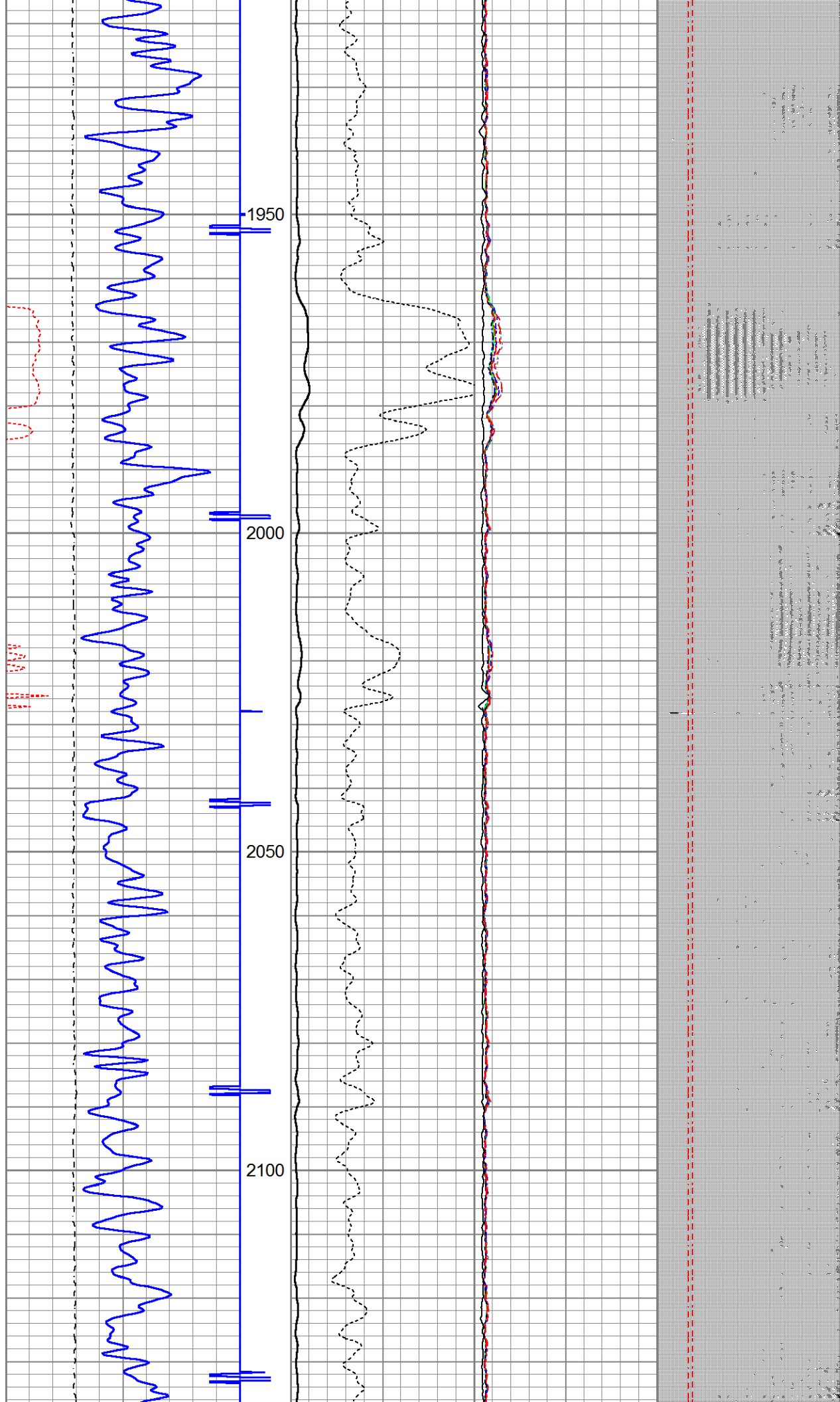


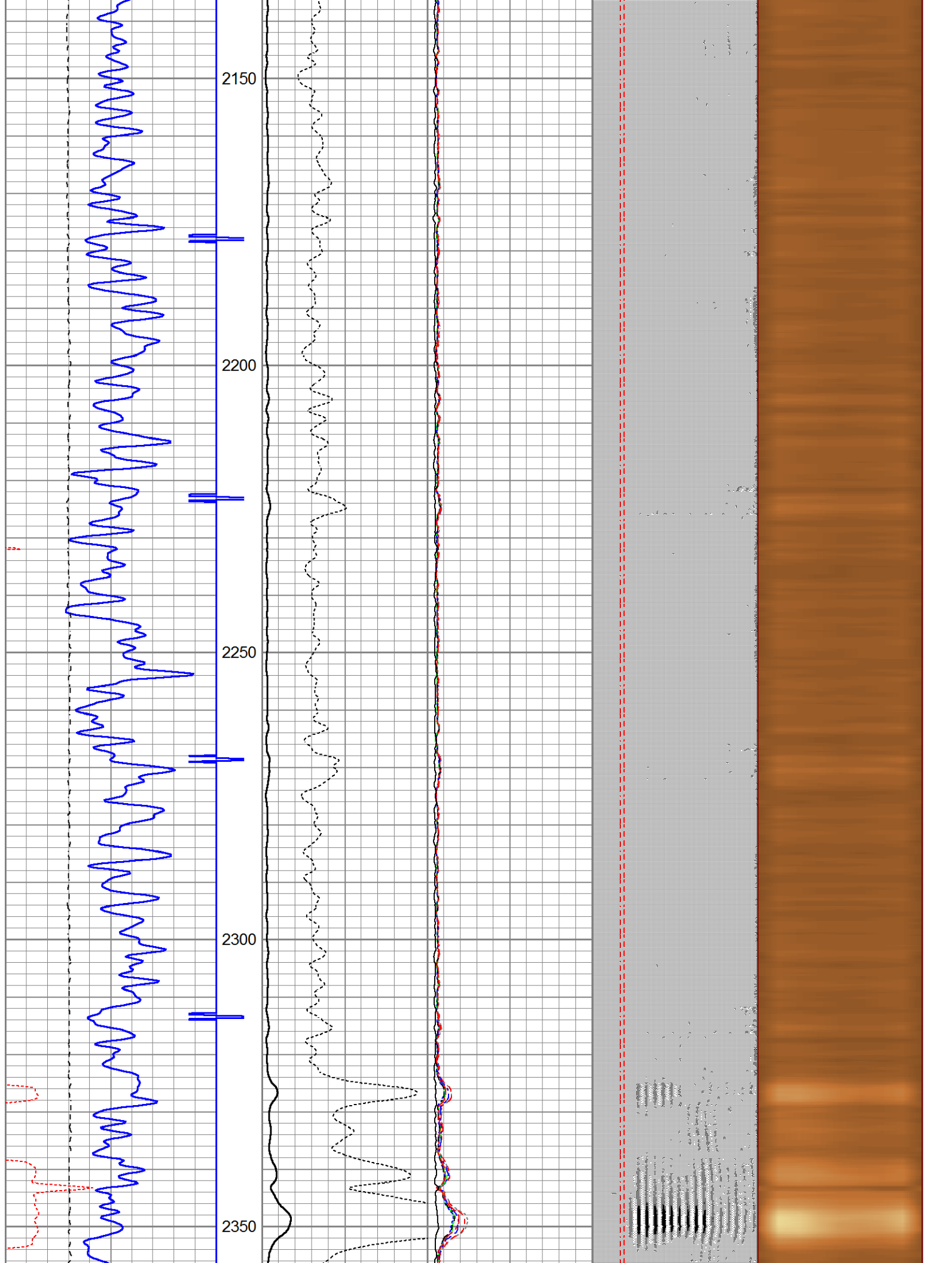


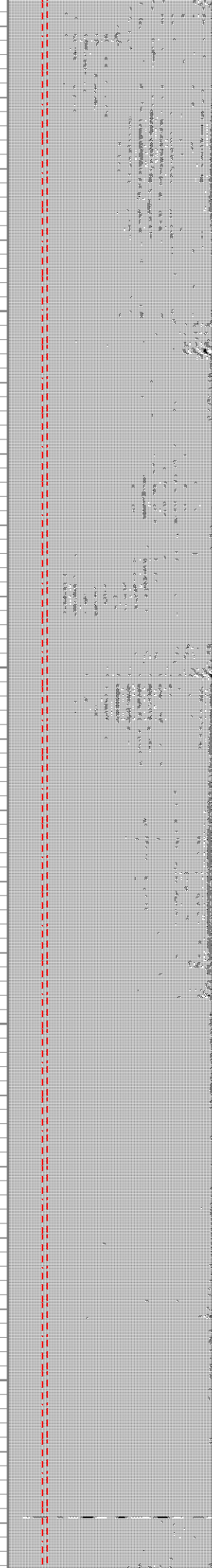
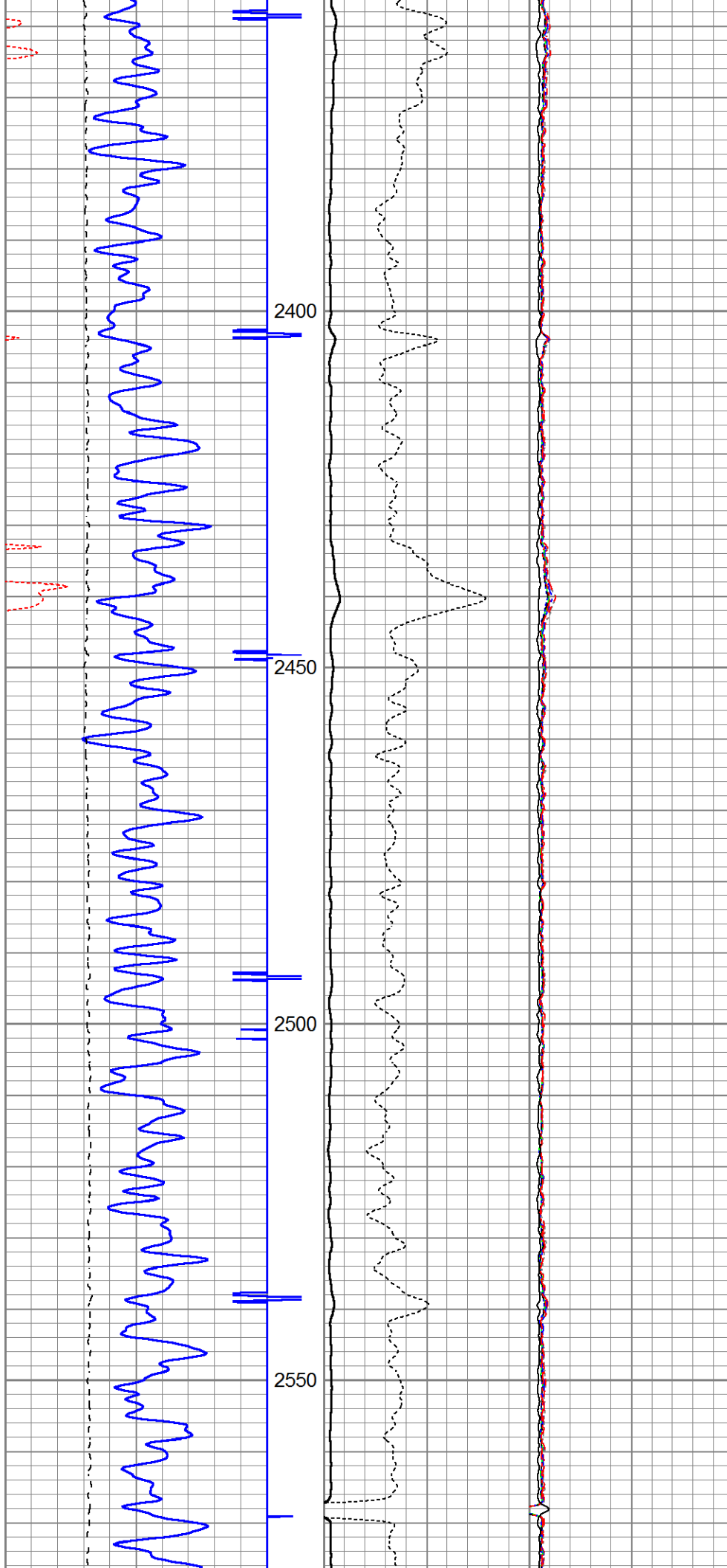




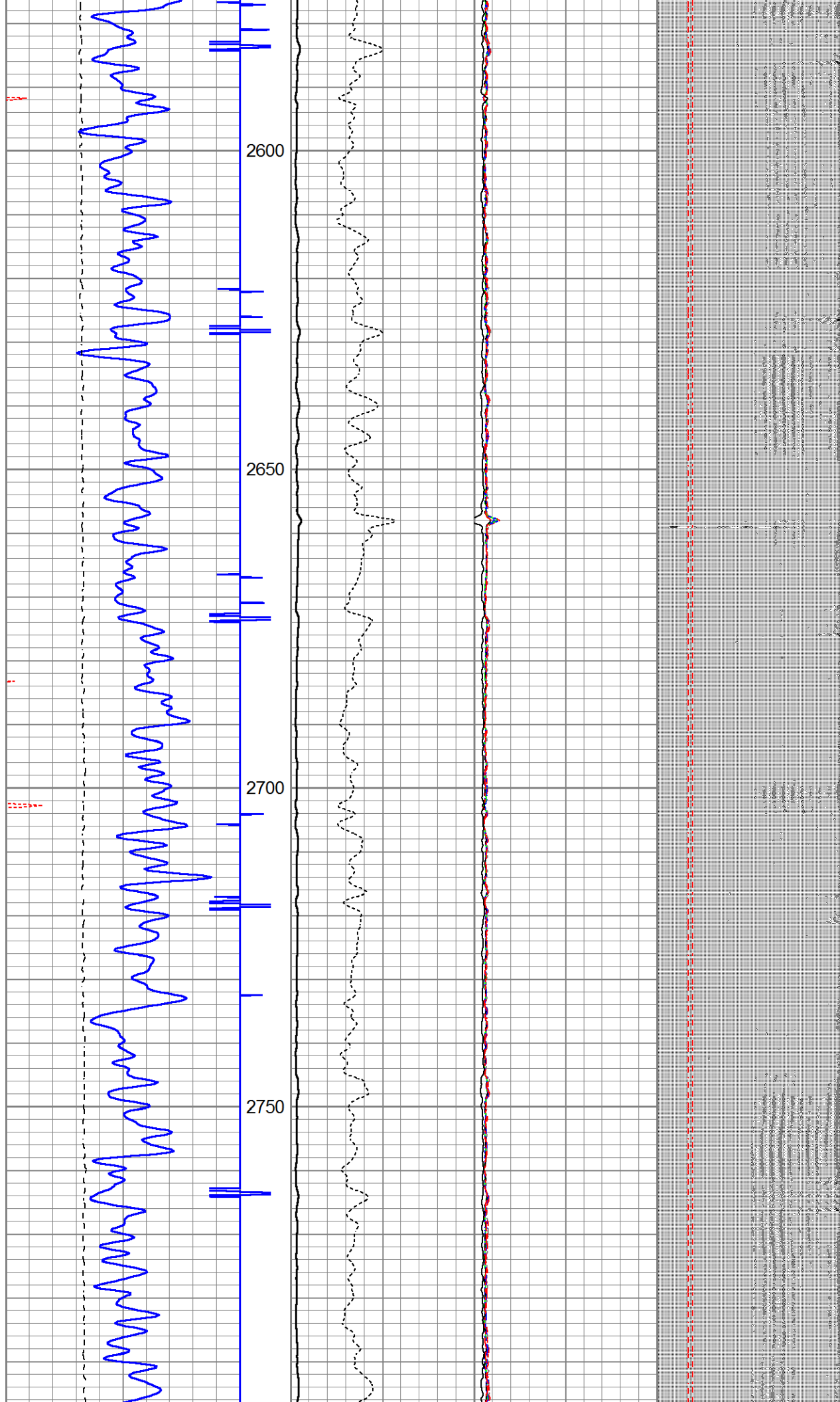


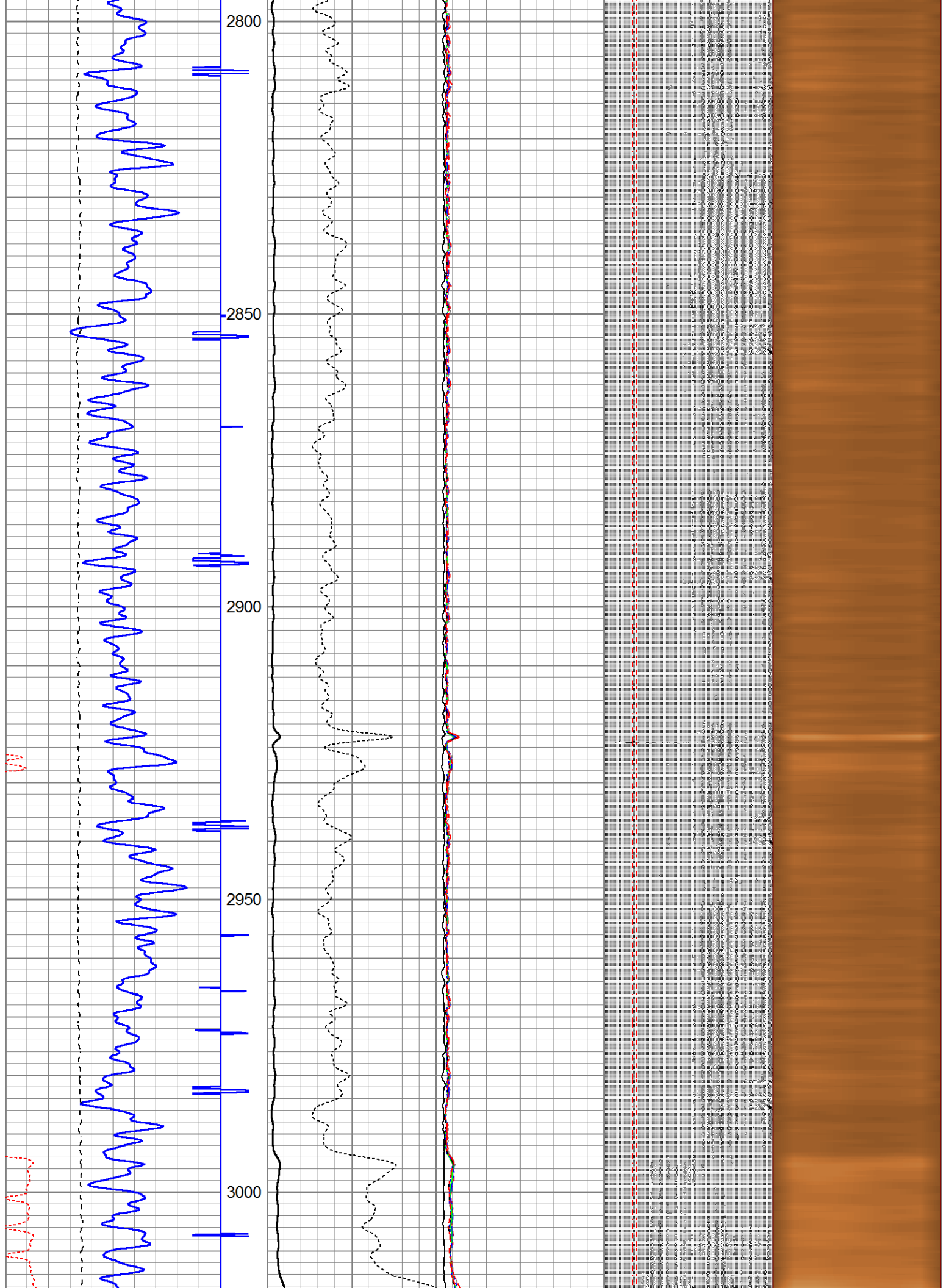


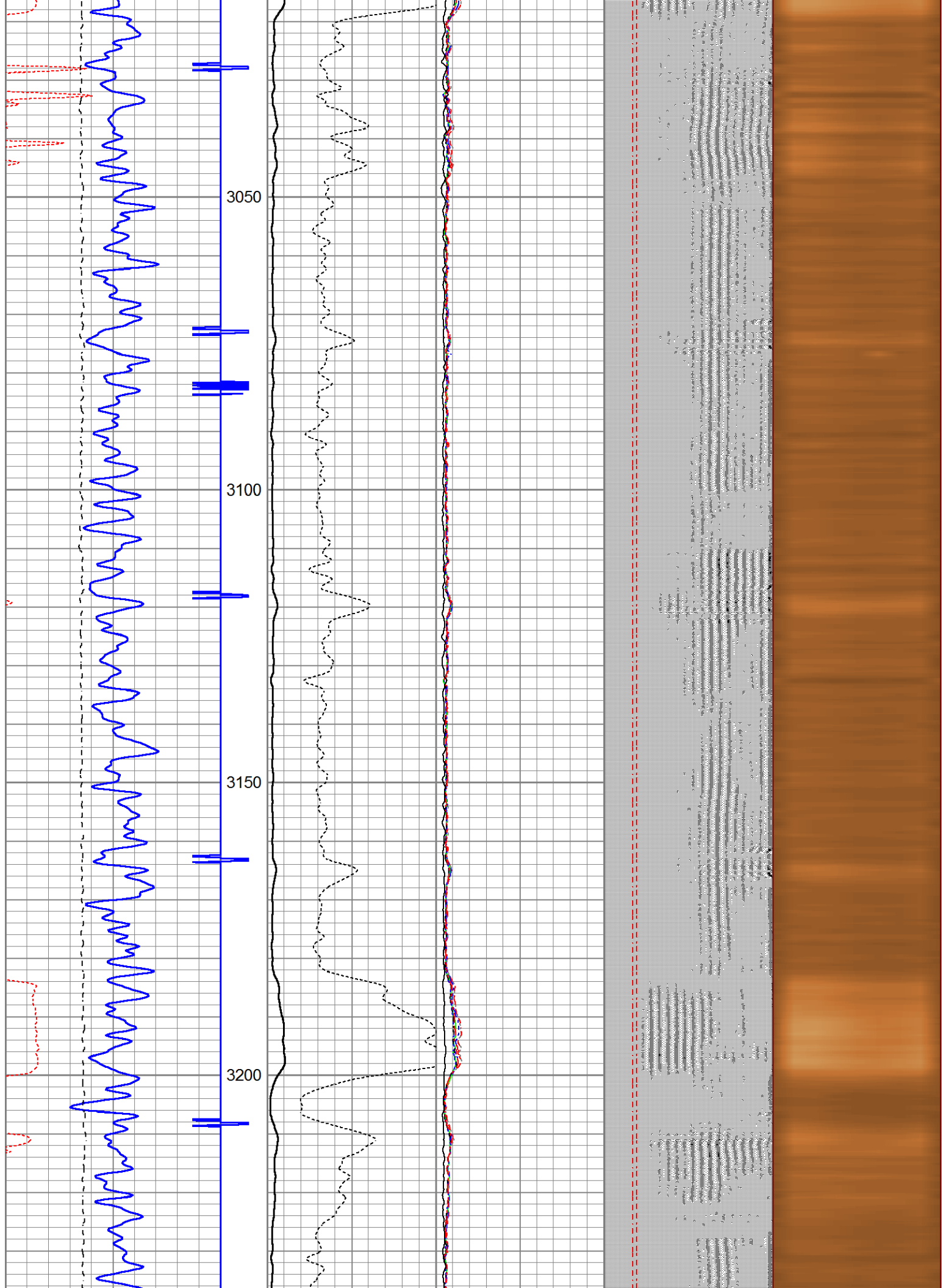




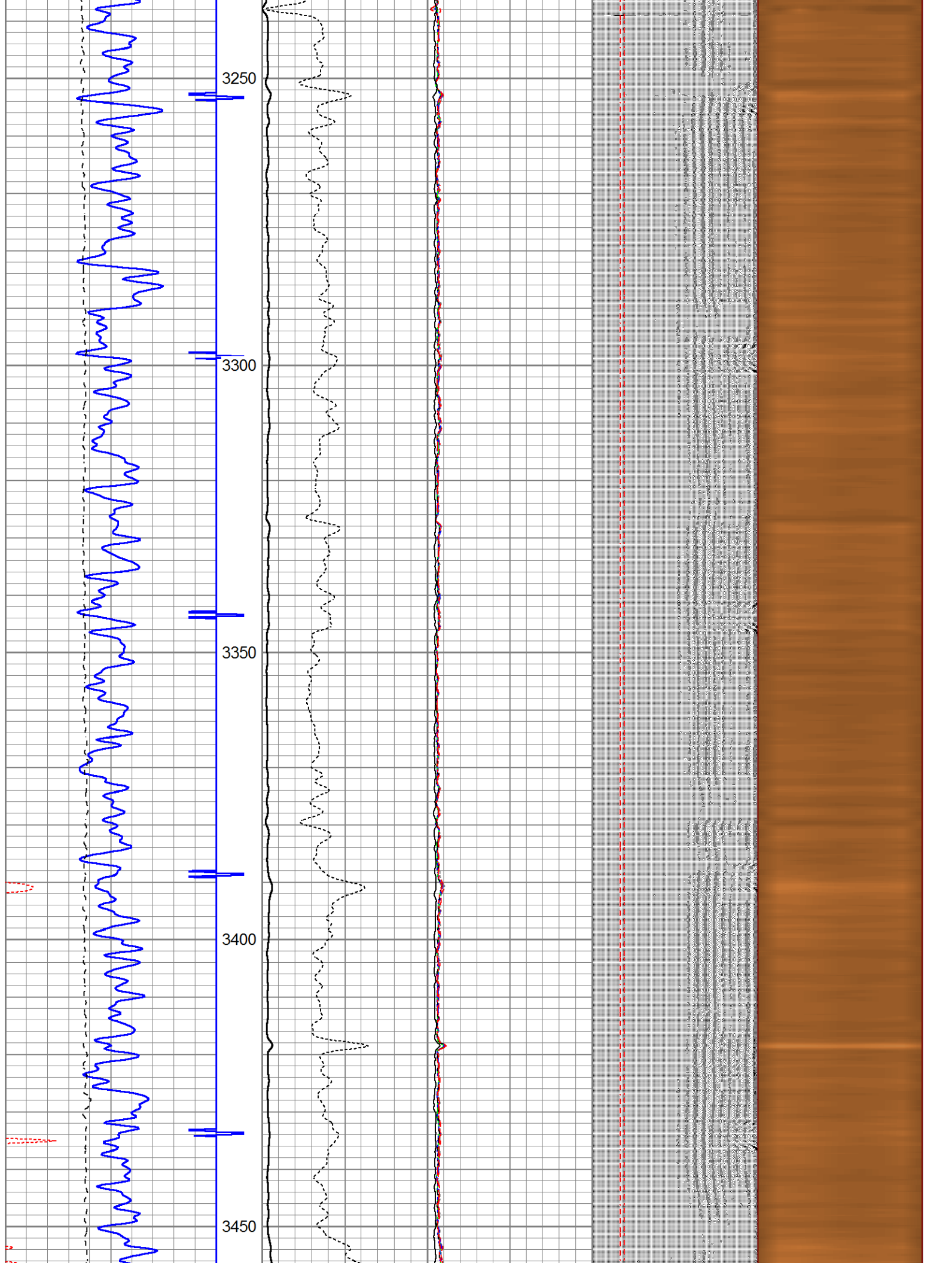


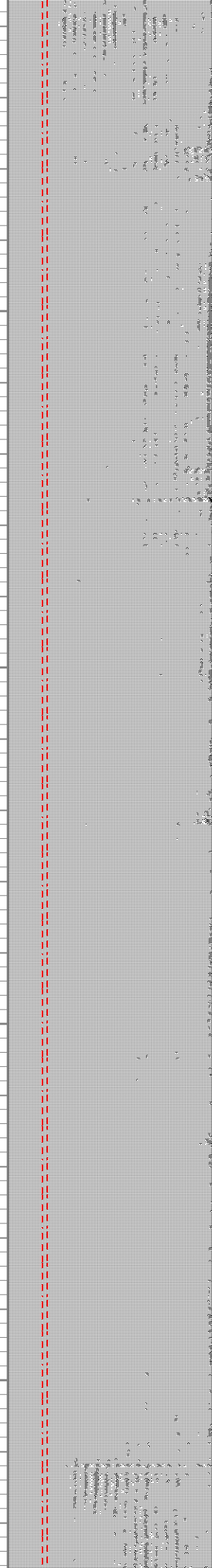
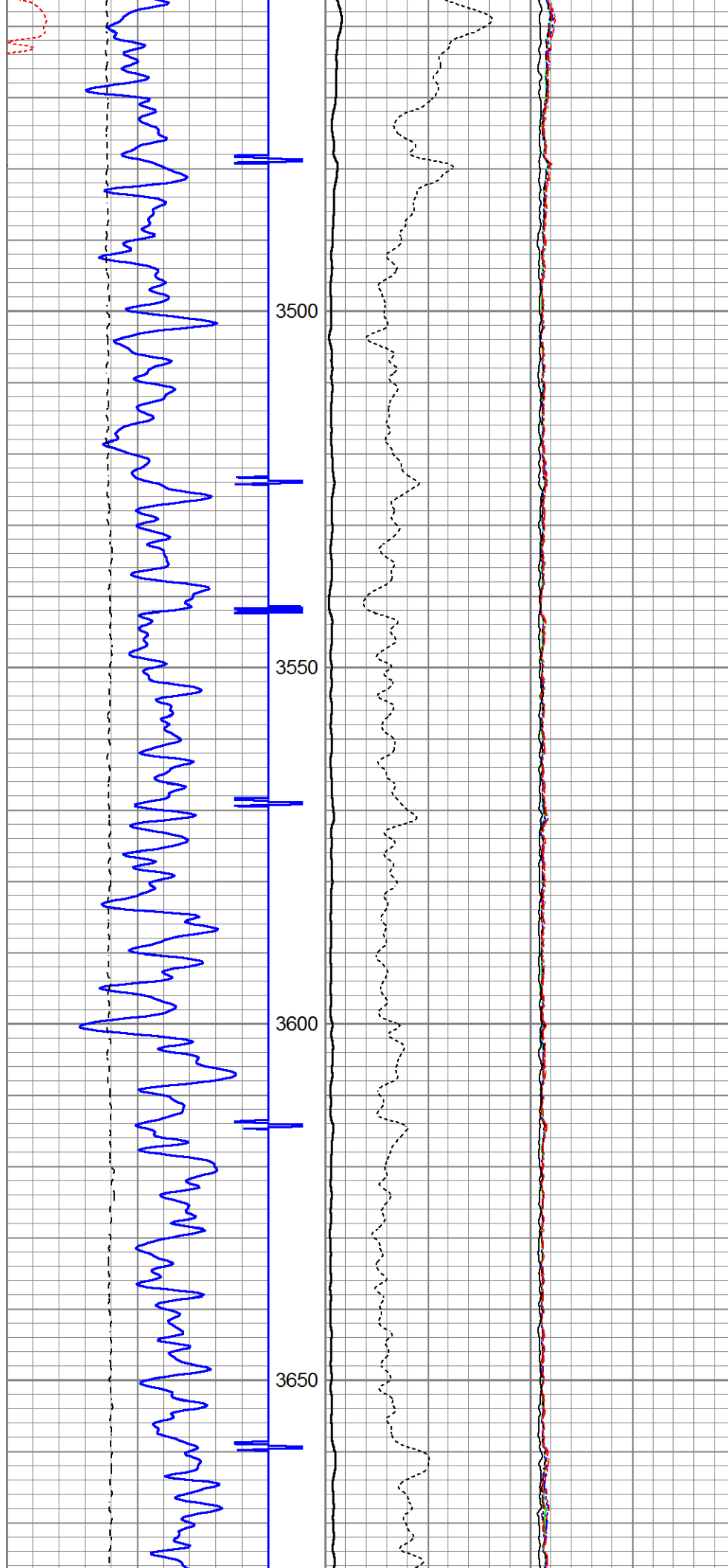


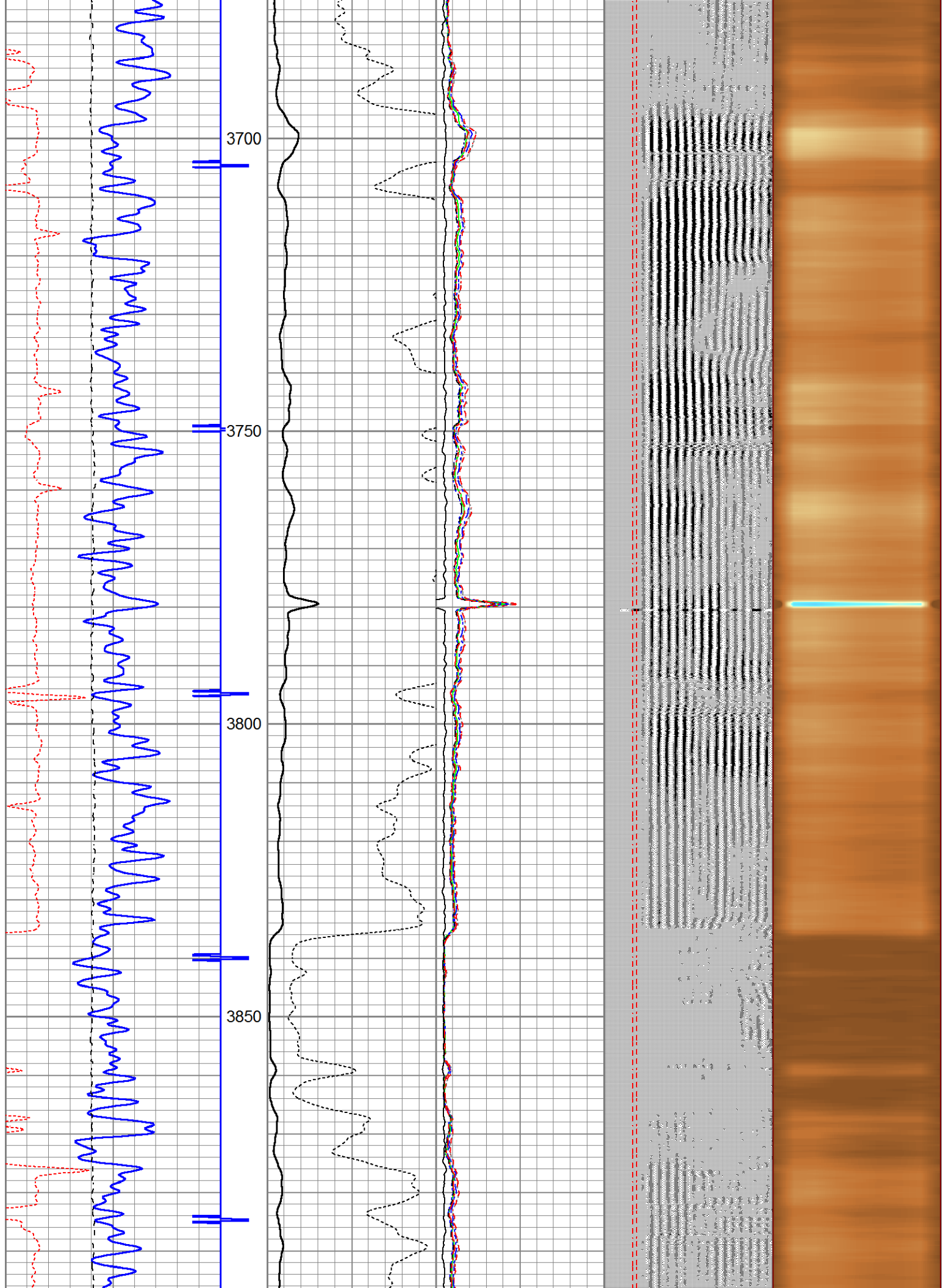




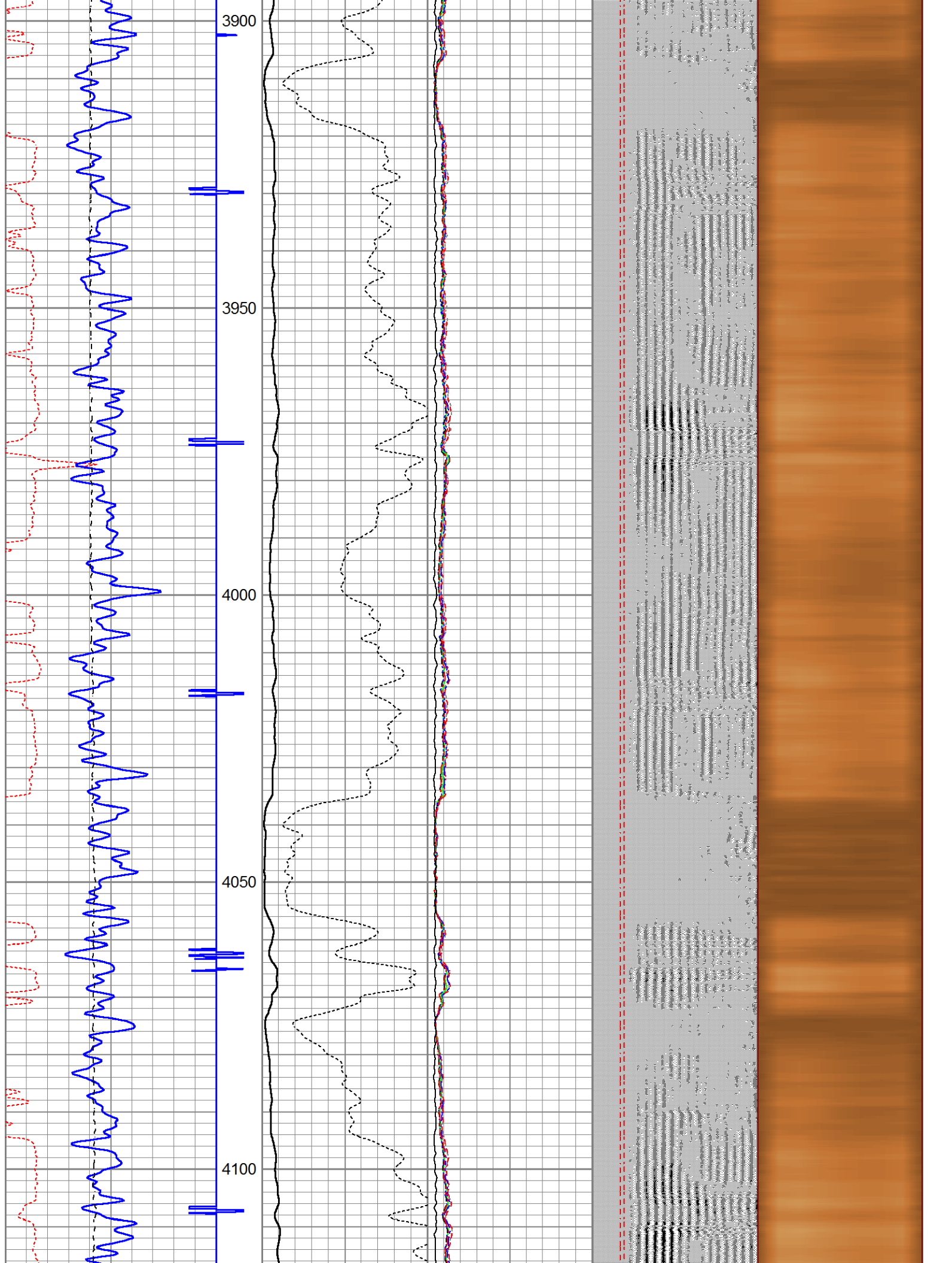


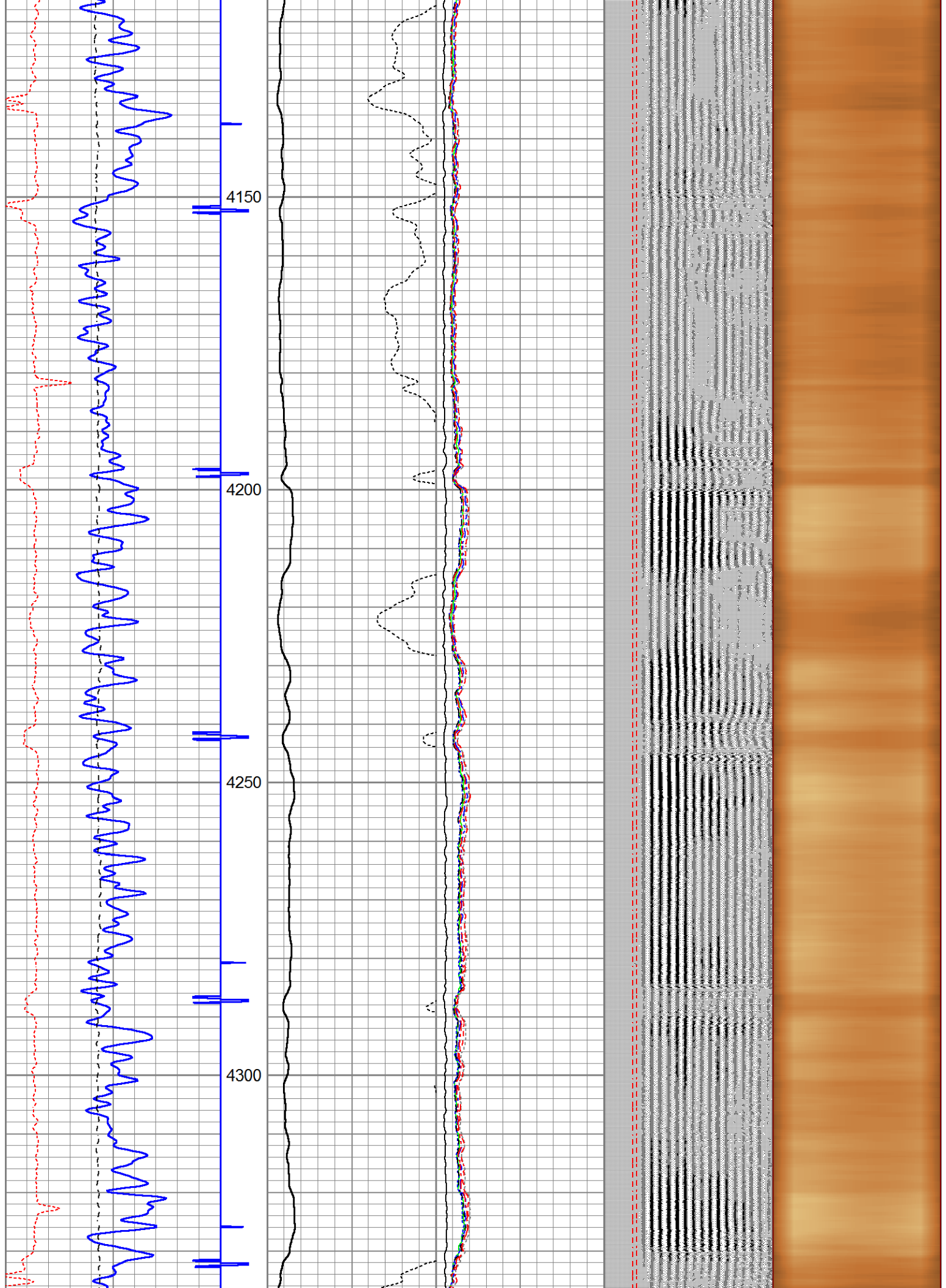


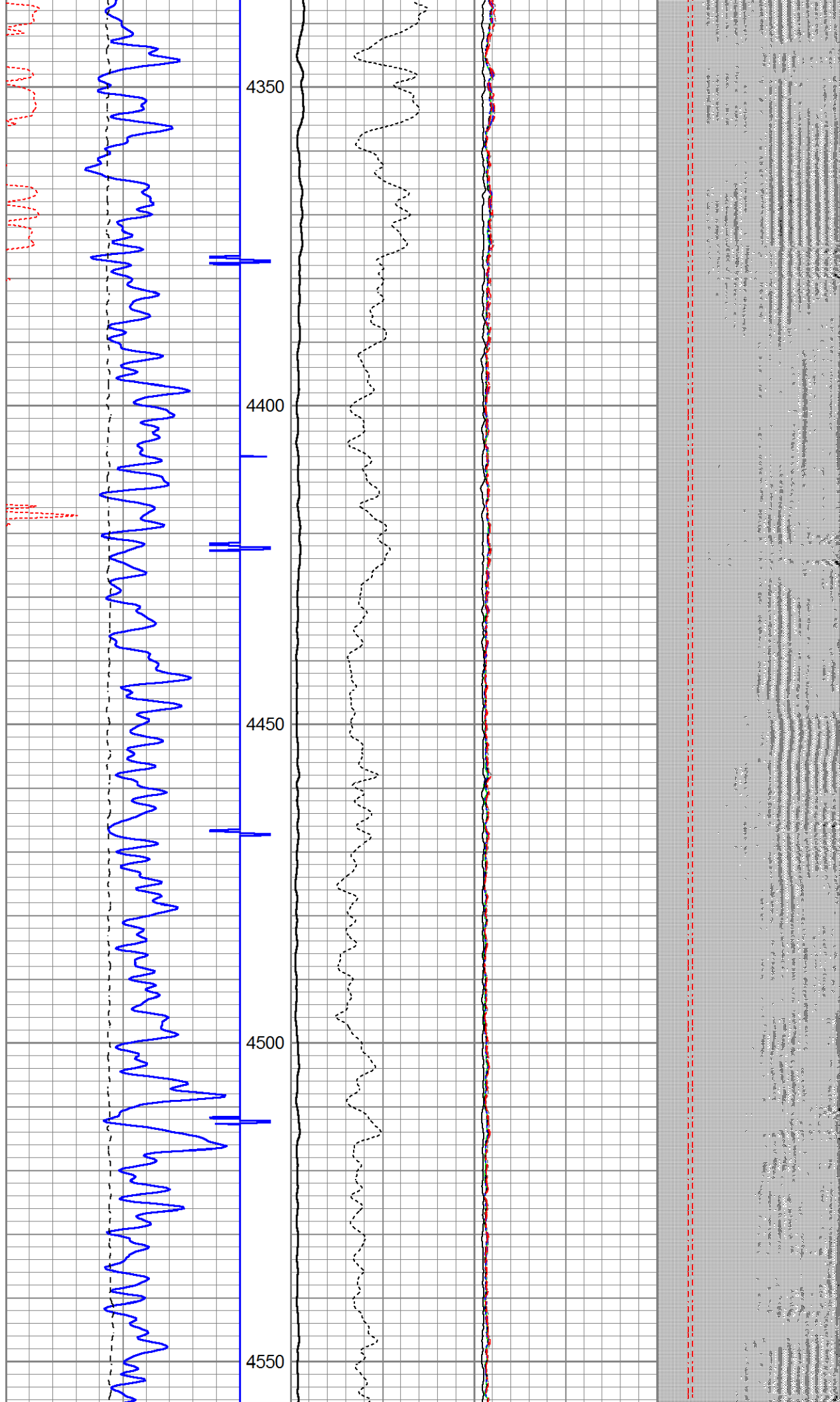




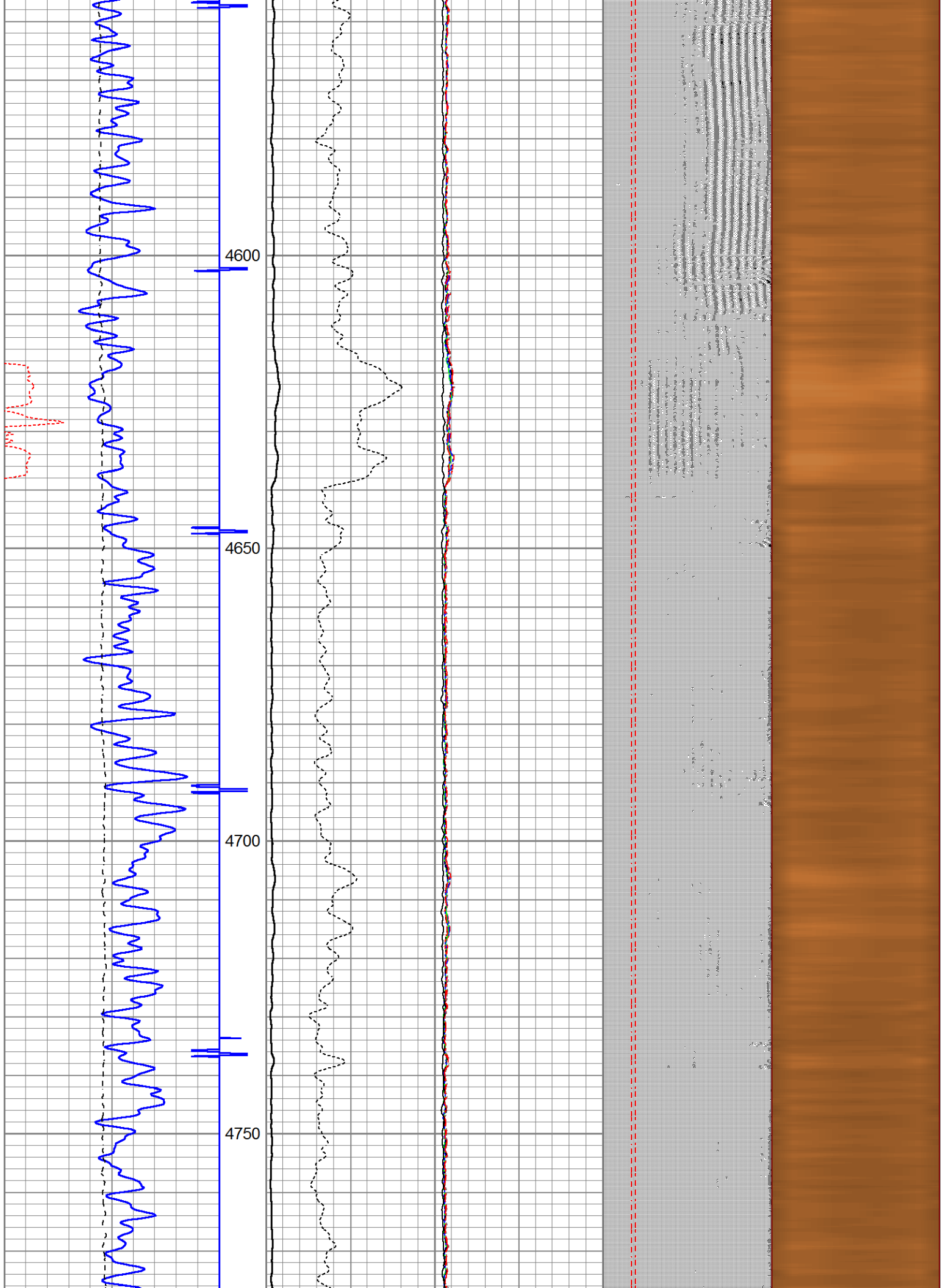


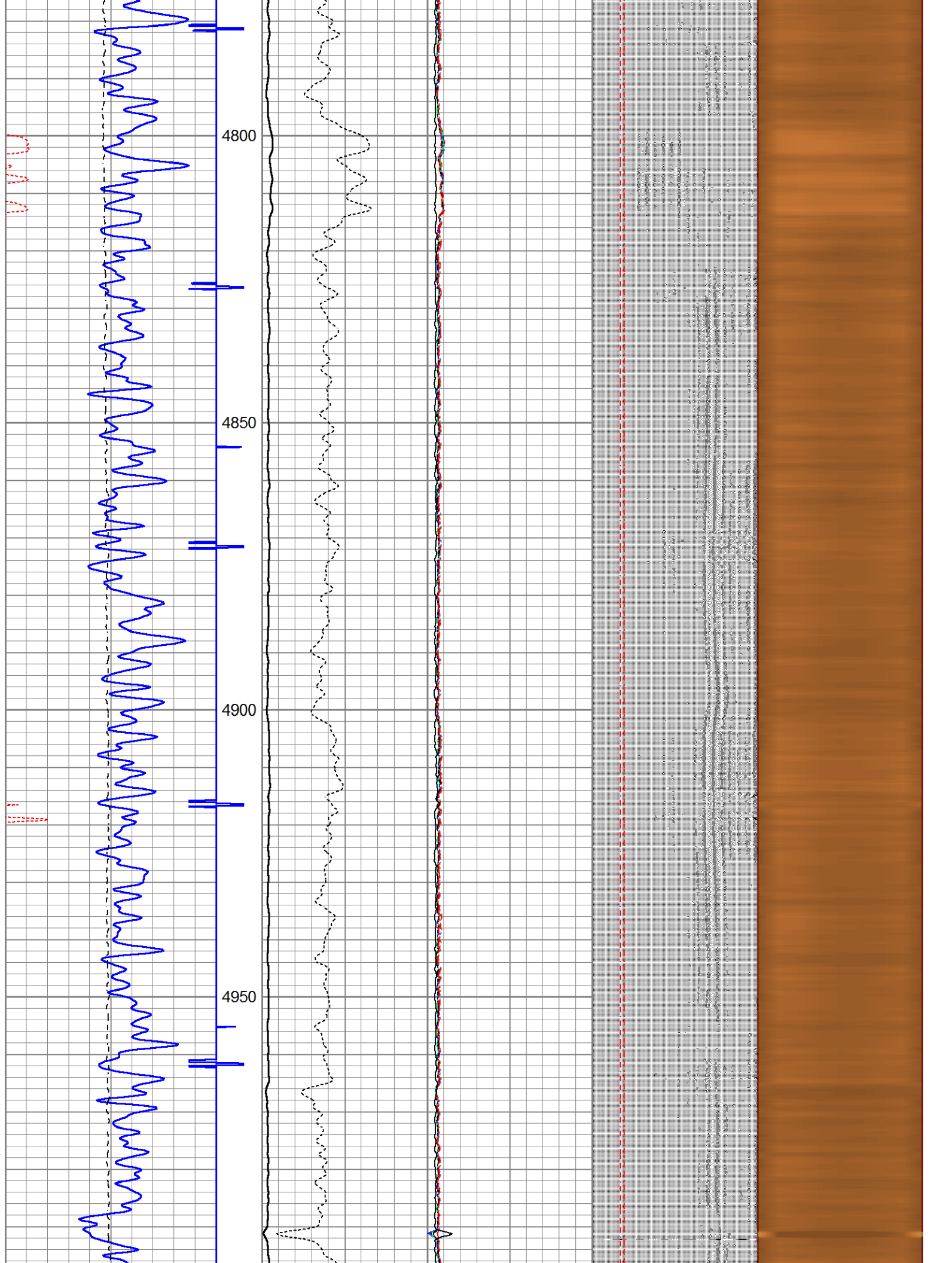


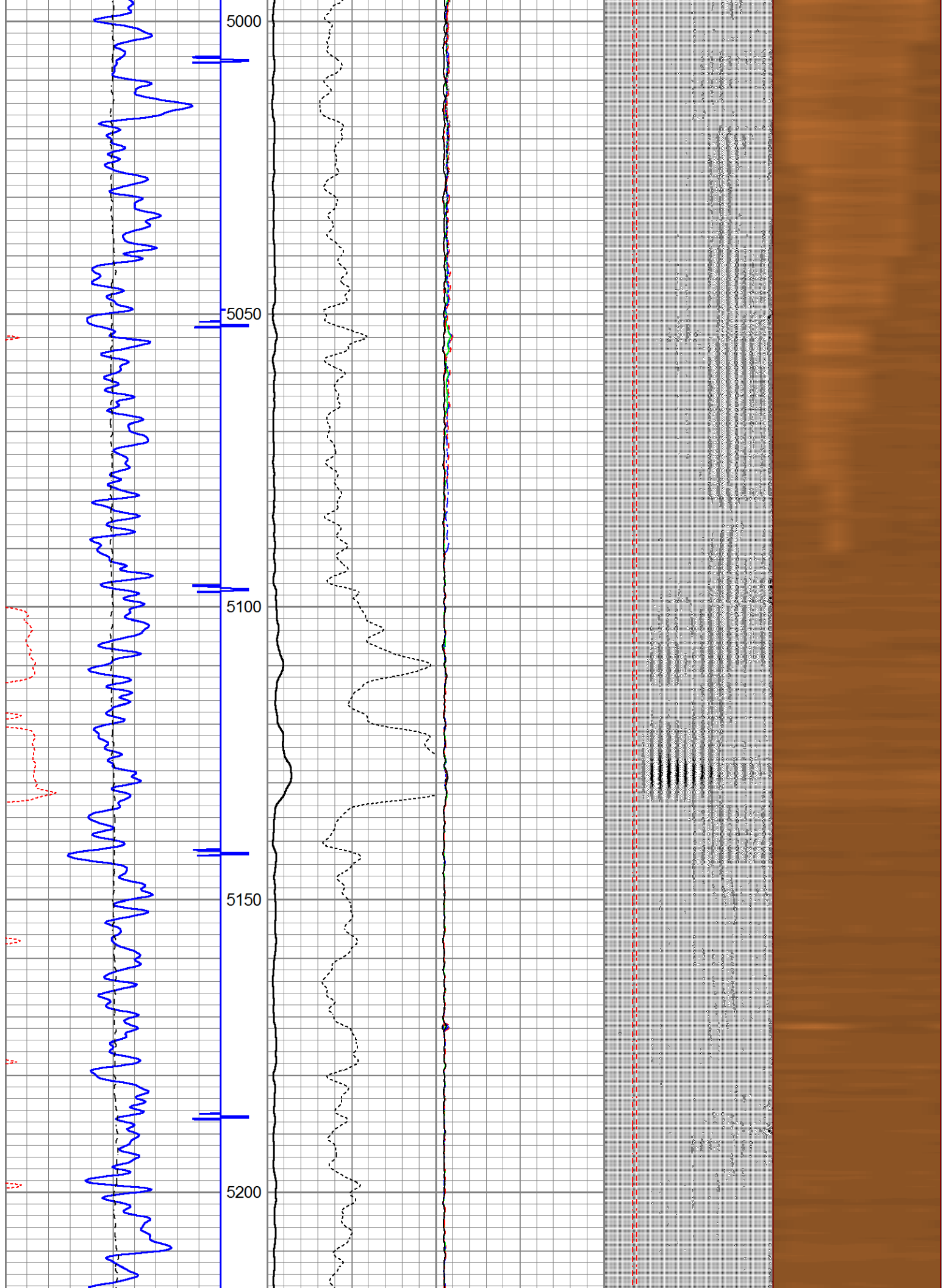




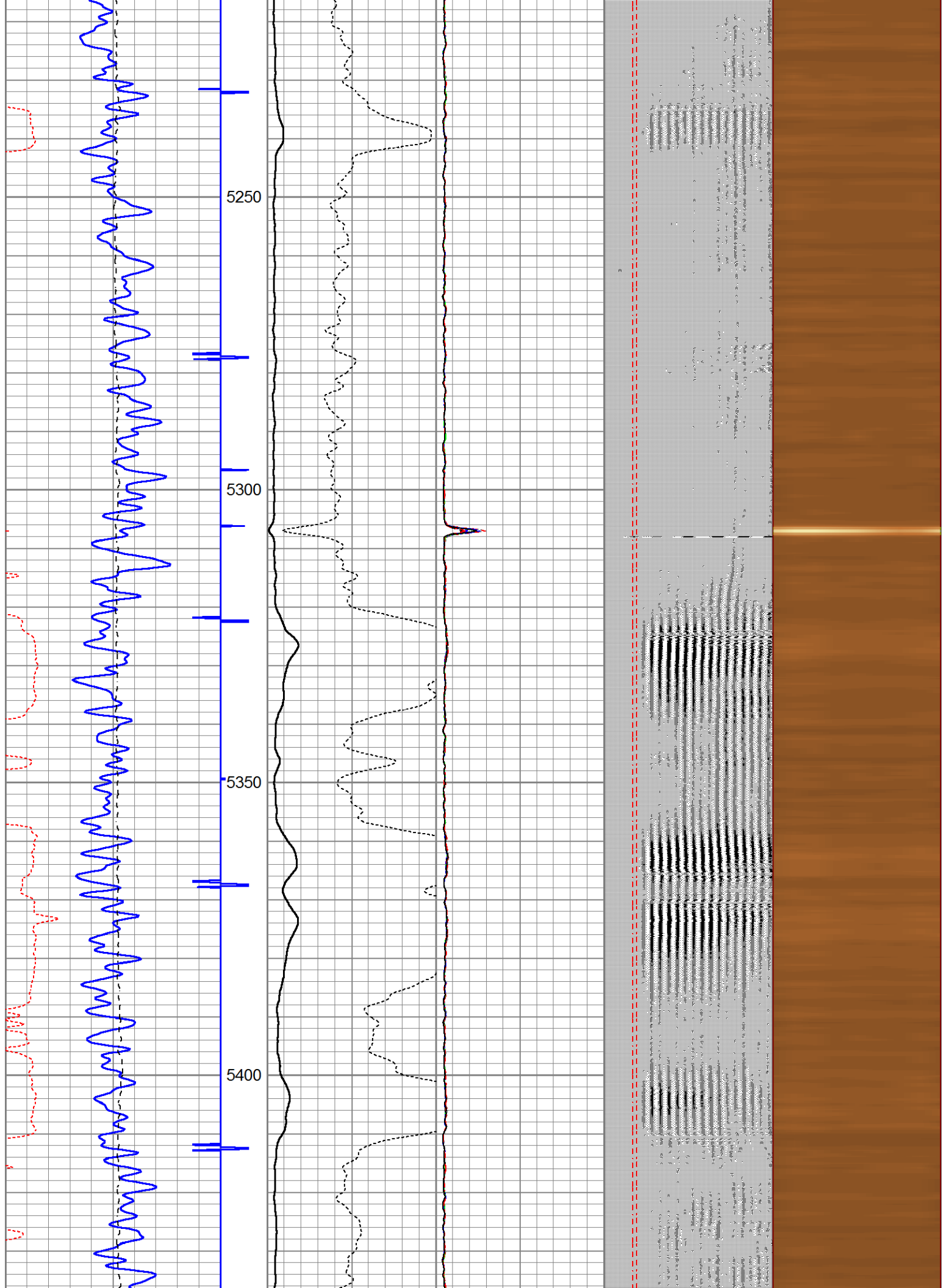


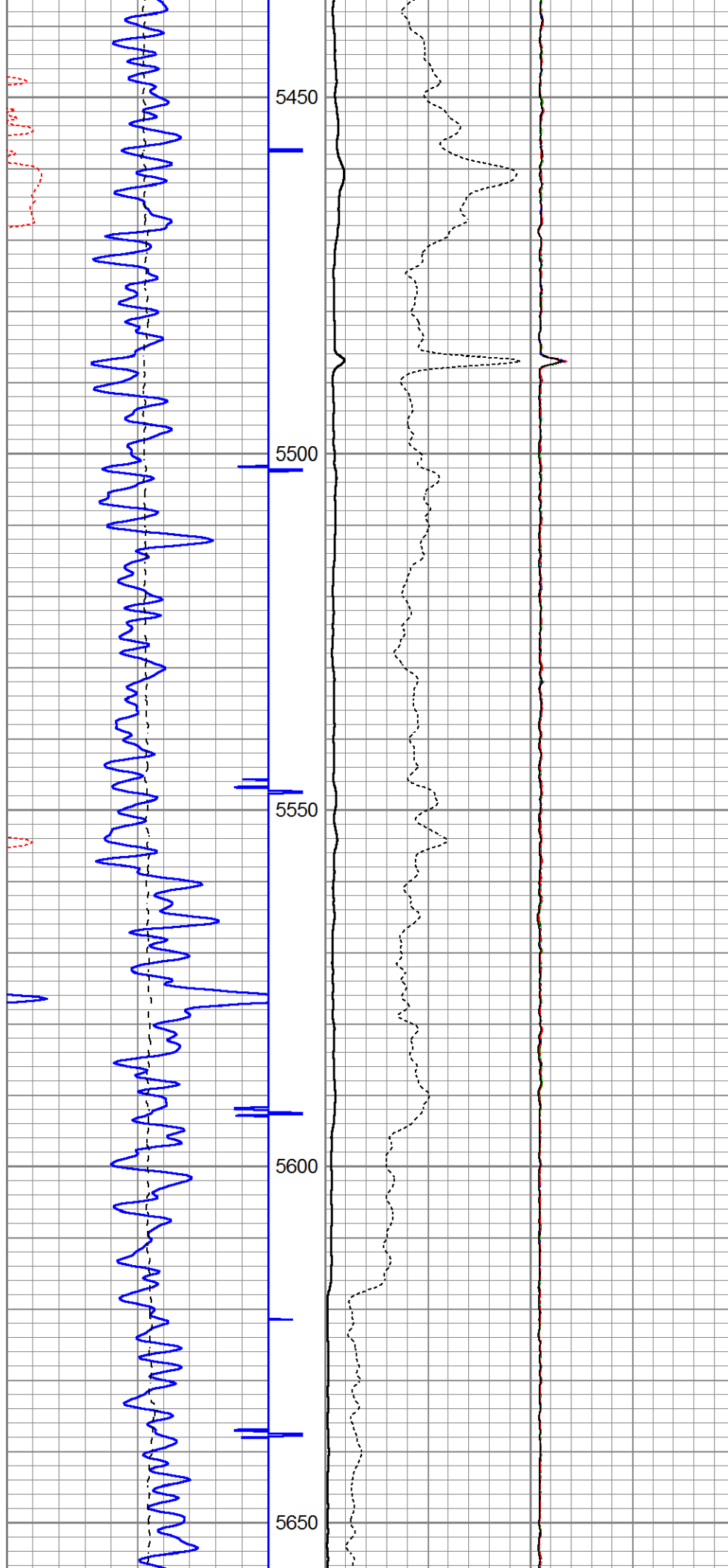


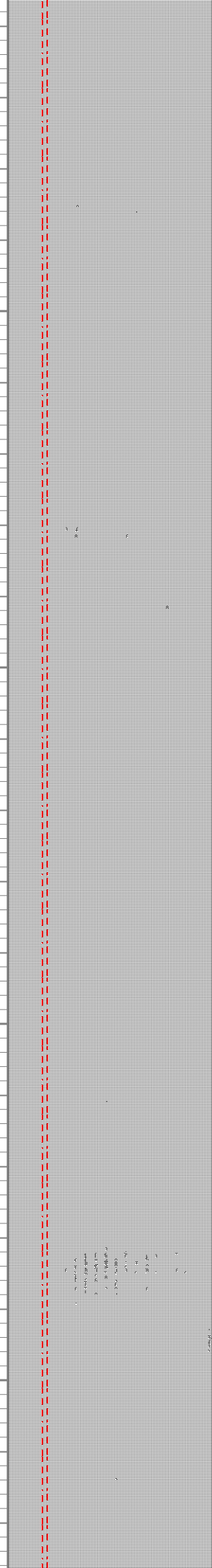
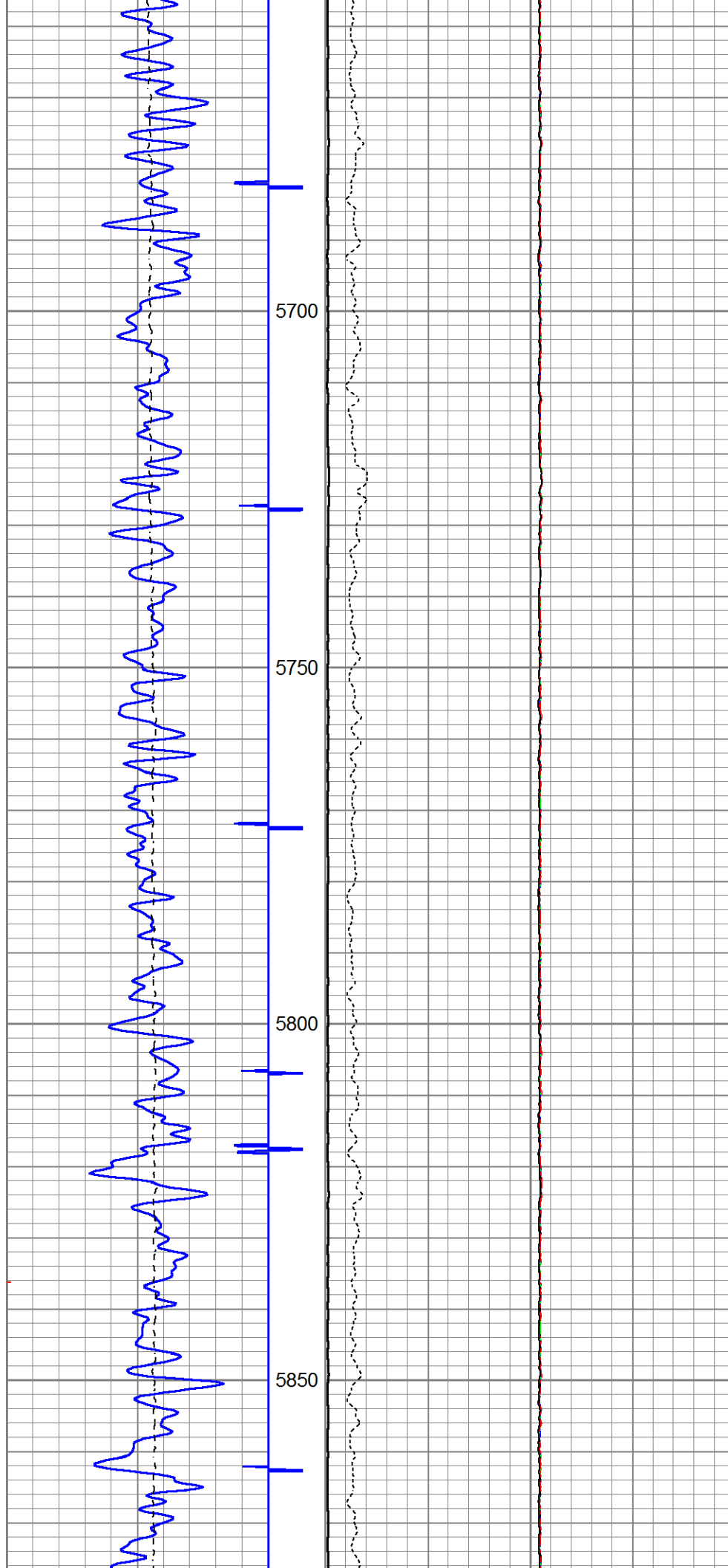




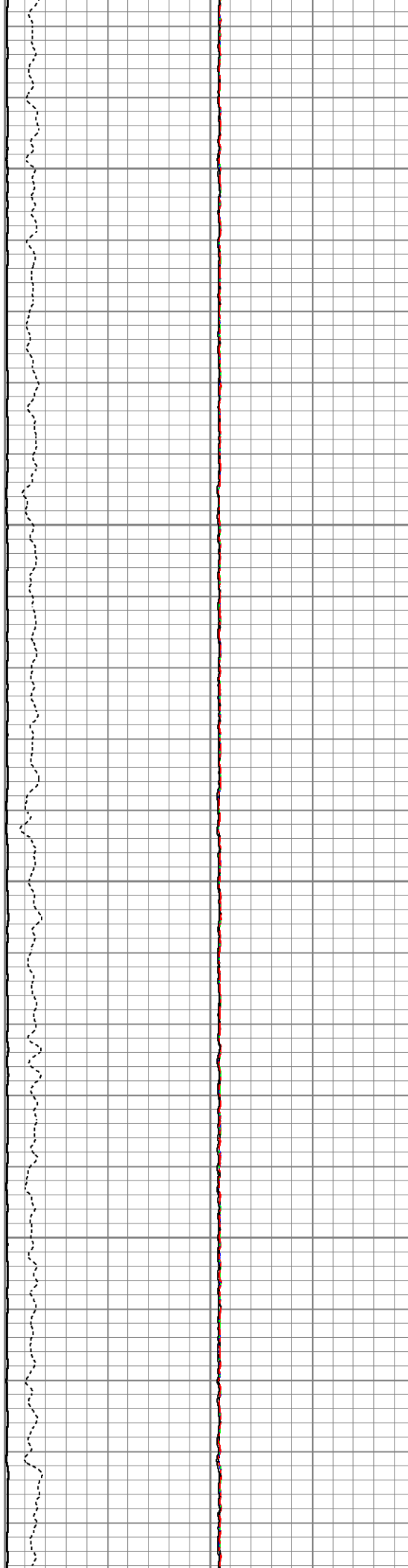
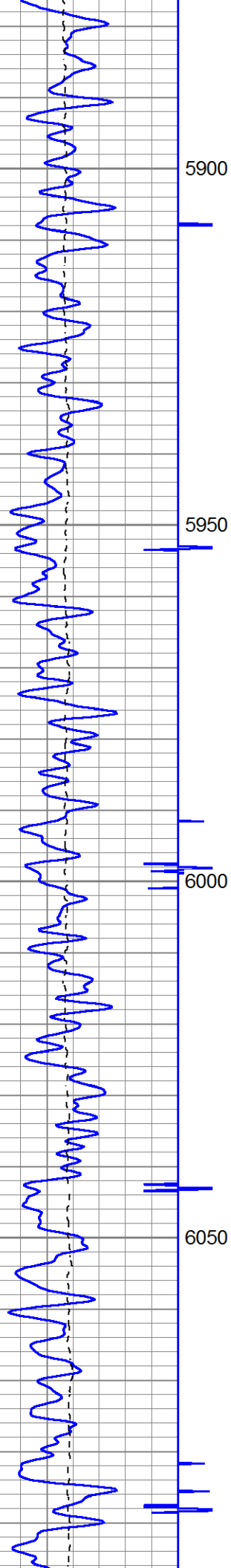


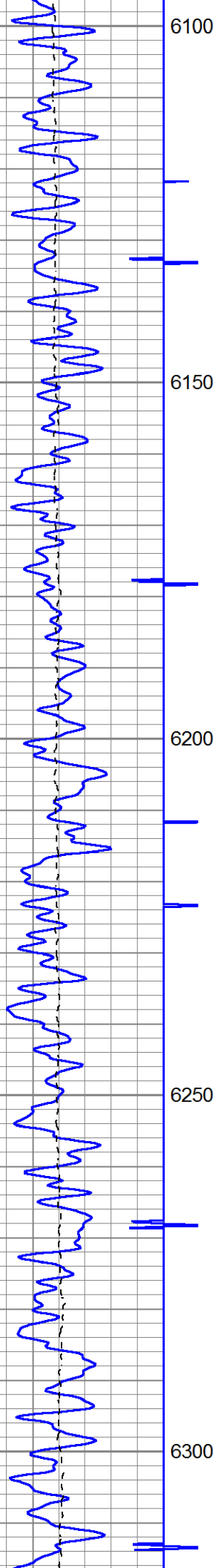












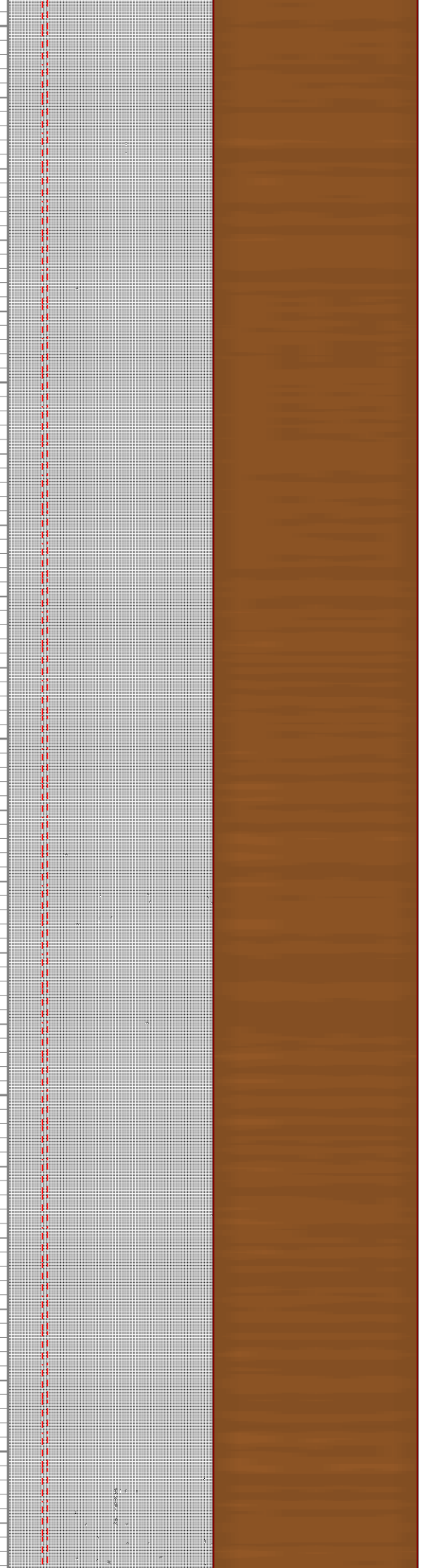
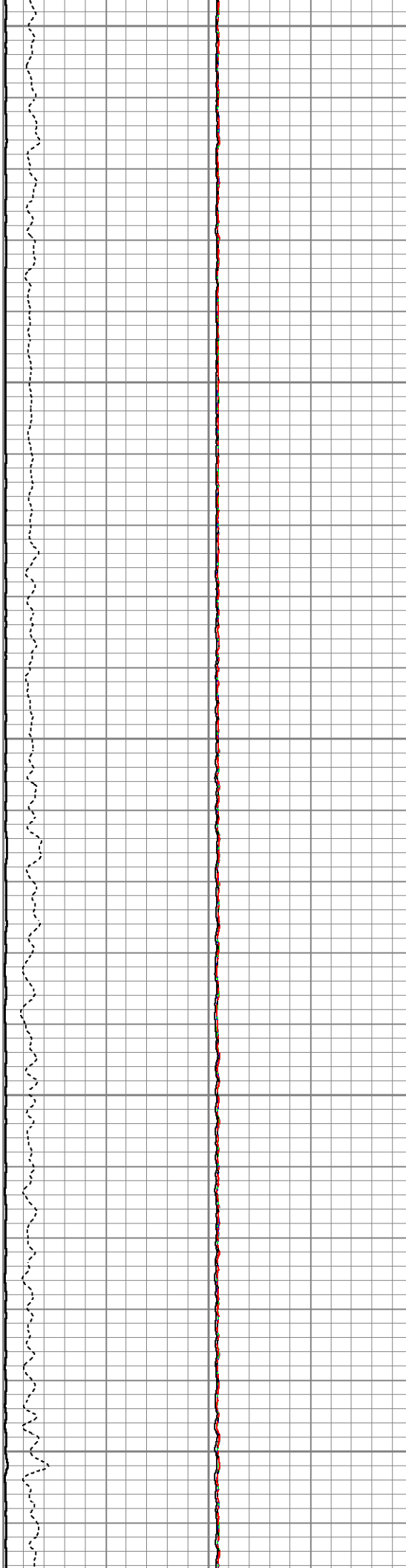
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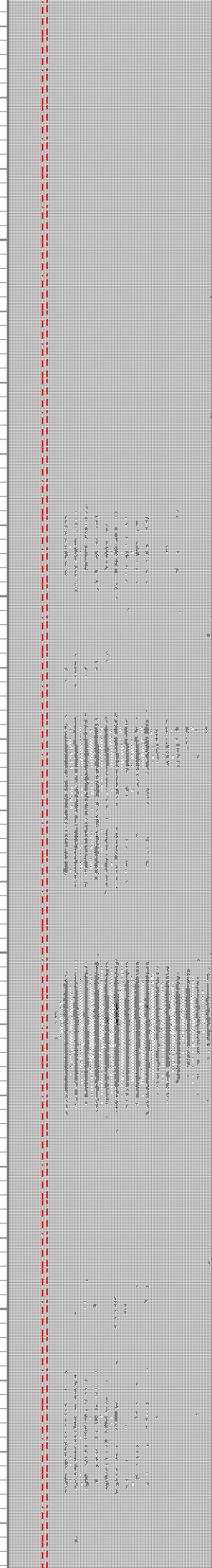
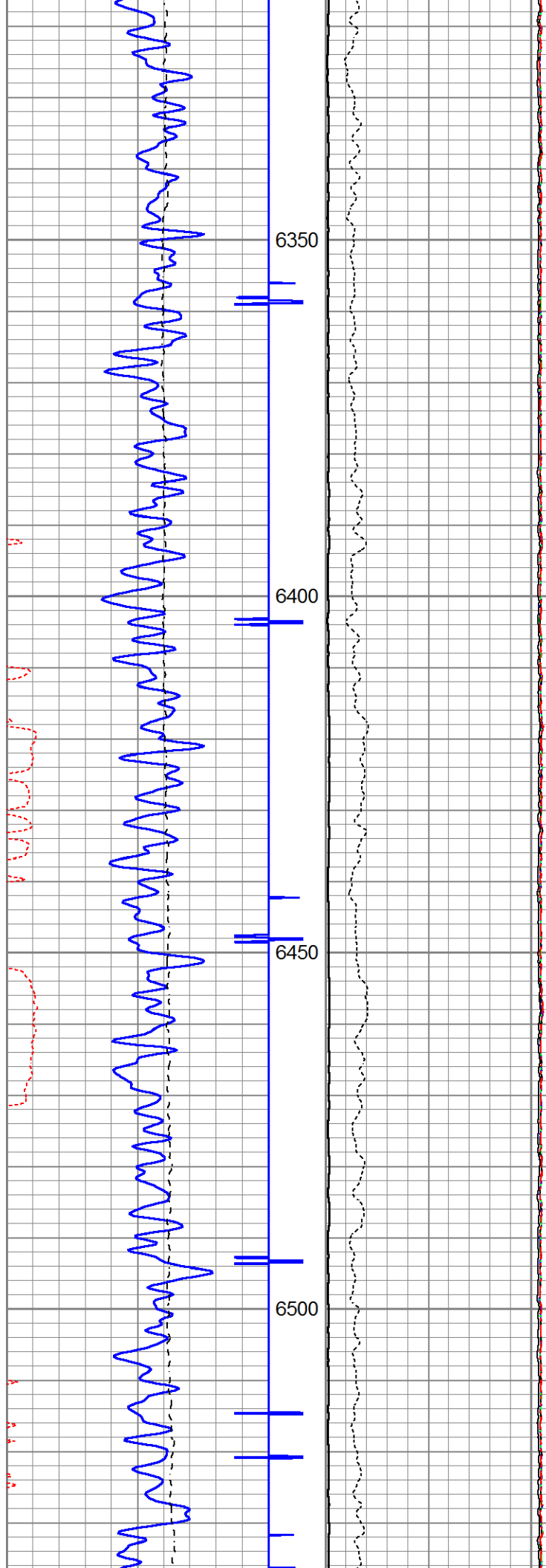
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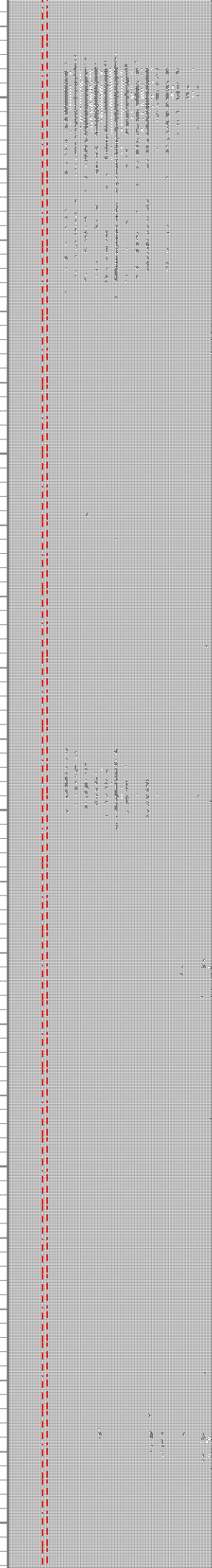
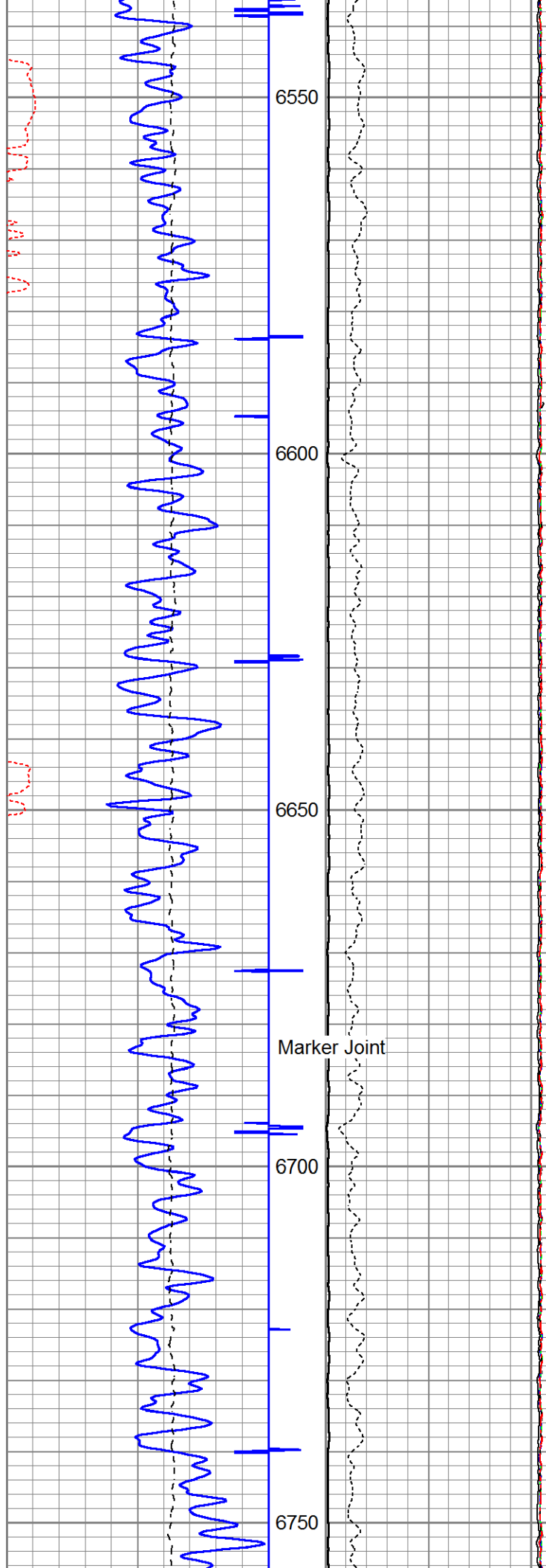
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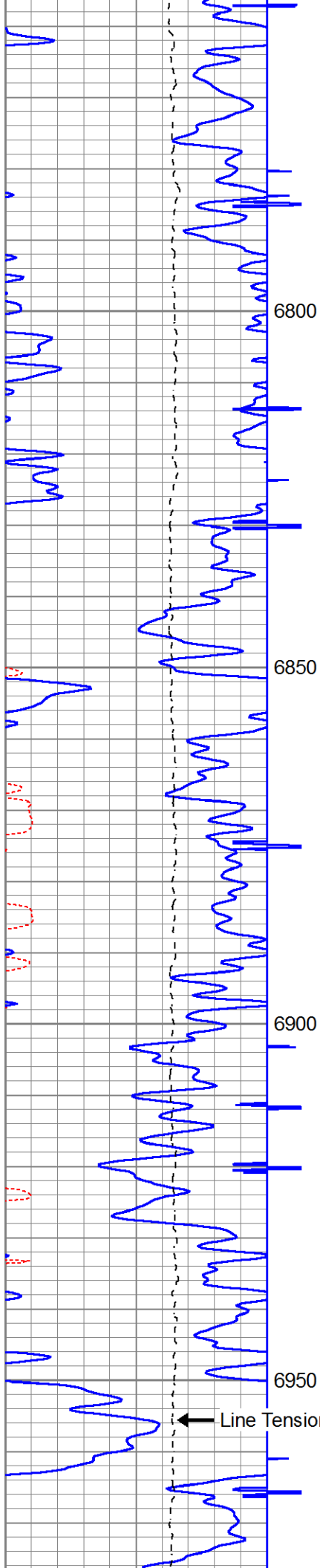
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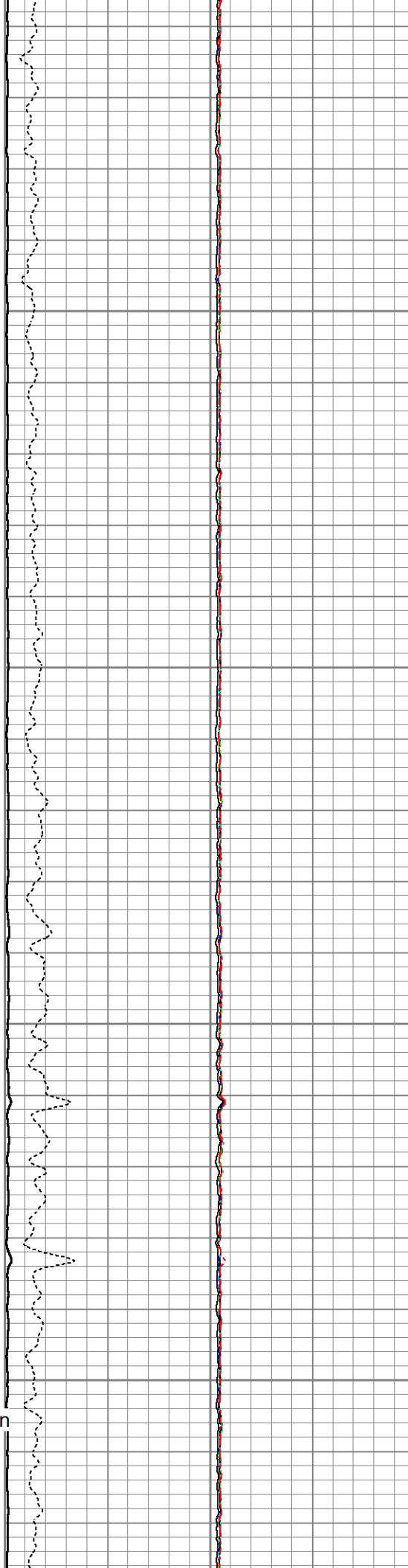
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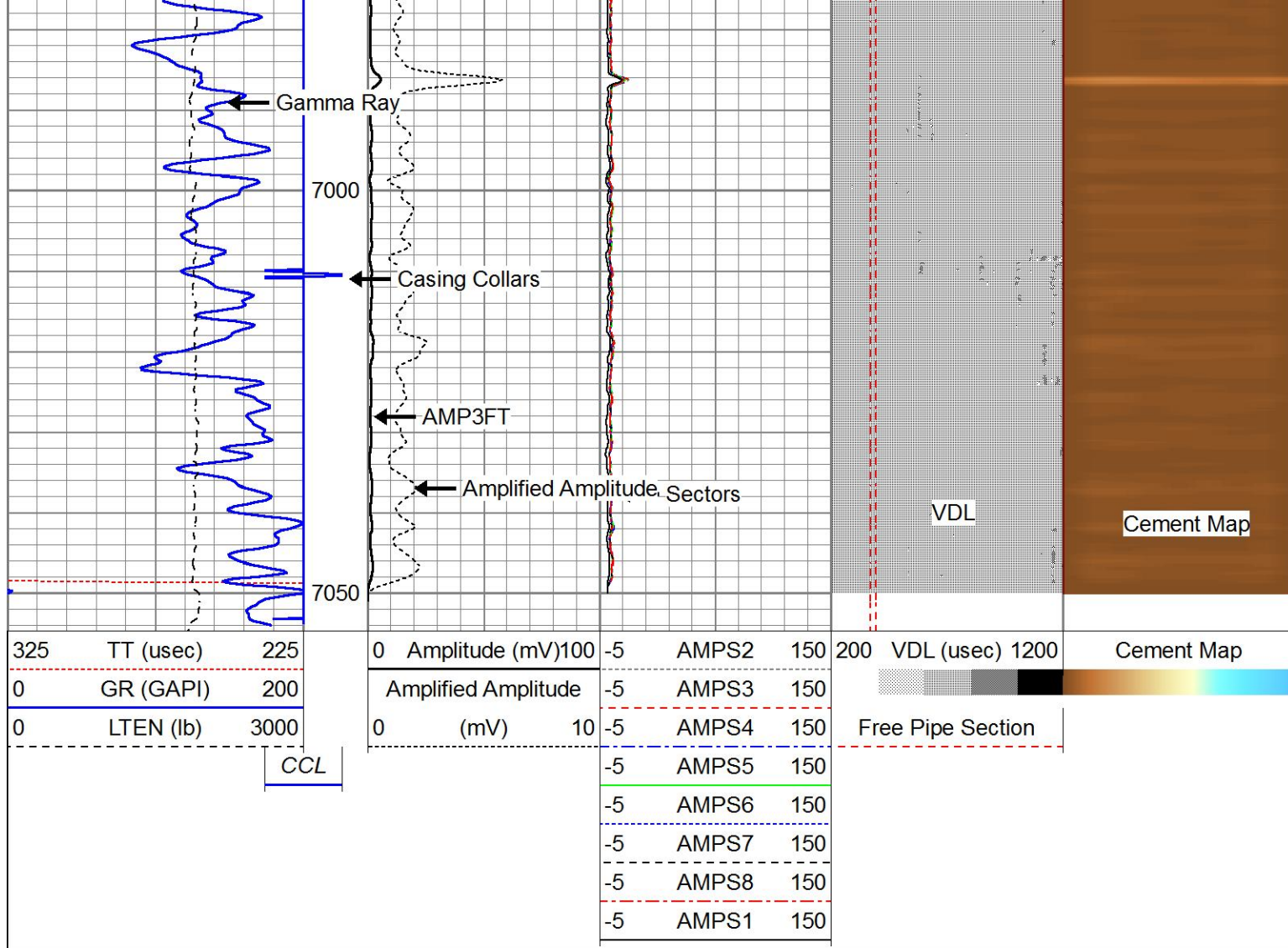
6850

6900

6950

← Line Tension





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 Well **CINNAMON TEAL 35-16HN**  
 Field **DUCK POND**  
 County **WELD**

State **COLORADO**



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