



**RADIAL CEMENT  
BOND LOG**

**Company ANADARKO PETROLEUM CORP.**  
**Well MARRS 28C-10HZ**  
**Field WATTENBERG**  
**County WELD State COLORADO**

**Location:** API #: 05123432730000

SE/NW

SHL: 2090' FNL & 2011' FWL

SEC 22 TWP 1N RGE 67W

Other Services  
**NONE**

Permanent Datum GROUND LEVEL Elevation 4981'

Log Measured From KELLY BUSHING = 17'

Drilling Measured From KELLY BUSHING

Elevation  
K.B. 4998'  
D.F. 4997'  
G.L. 4981'

Date 11 APRIL 2018

Run Number ONE

Depth Driller 15,866

Depth Logger 6793'

Bottom Logged Interval 6793'

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 N/A

Time Logger on Bottom N/A

Equipment Number W-201

Location WINDSOR, CO

Recorded By Z. EMICK

Witnessed By J. McMILLAN

Run Number ONE

Bit From 26.00" 17'

TWO 13.50" 97'

THREE 8.50" 1881'

Casing Record Size 9-5/8"

Surface String 36.0#

Prot. String 17'

Production String 17.0#

Liner 5.5"

Weight 15858'

Bottom 1871'

Top 17'

Weight 17'

From 17'

To 17'

From 17'

To 17'

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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.

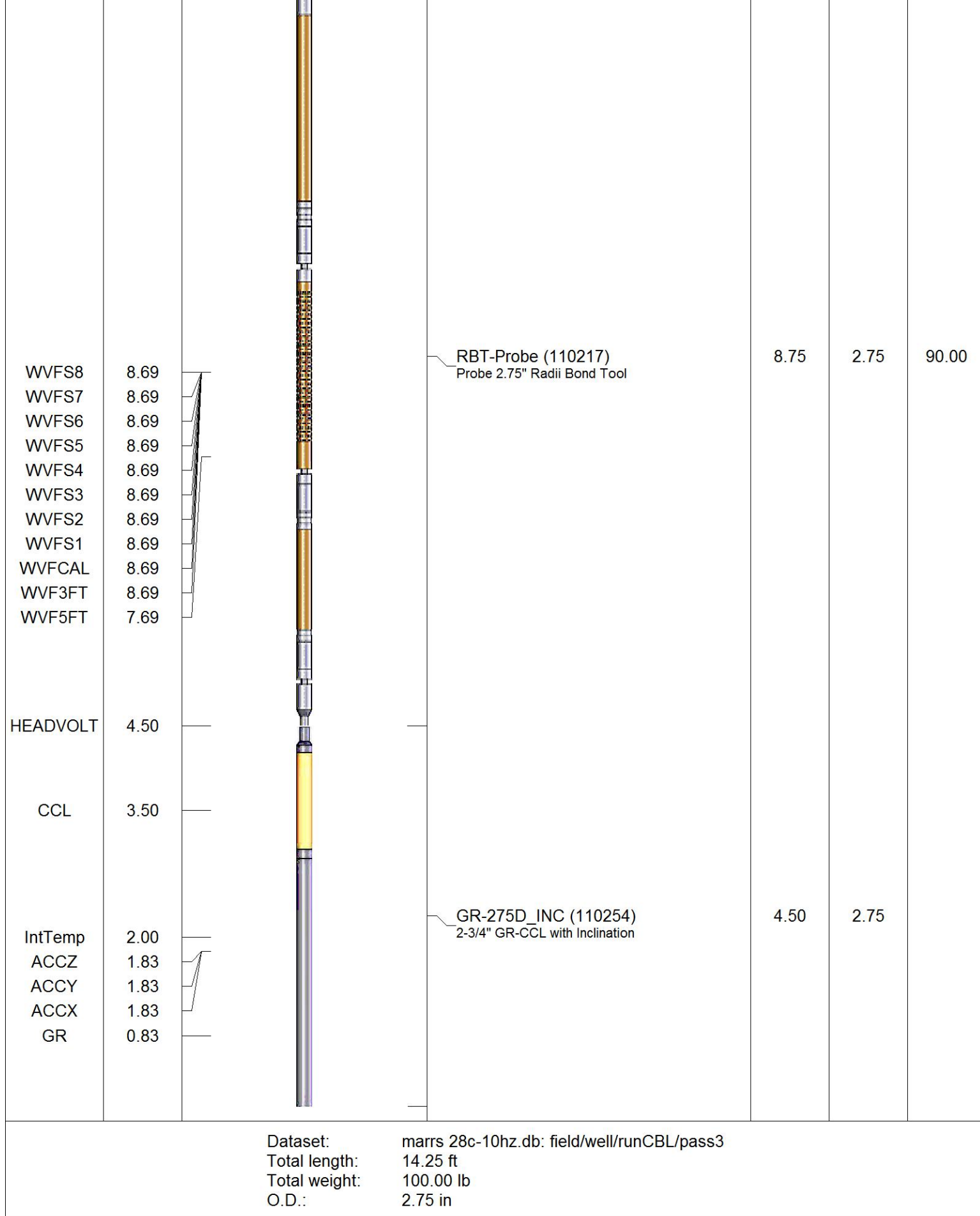
**Comments**

**LOG NOT CORRELATED TO ANY OTHER LOG**

**WELL LOGGED WITH 2800 PSI ON CASING**

**THANK YOU FOR CHOOSING CUTTERS WIRELINE SERVICE**

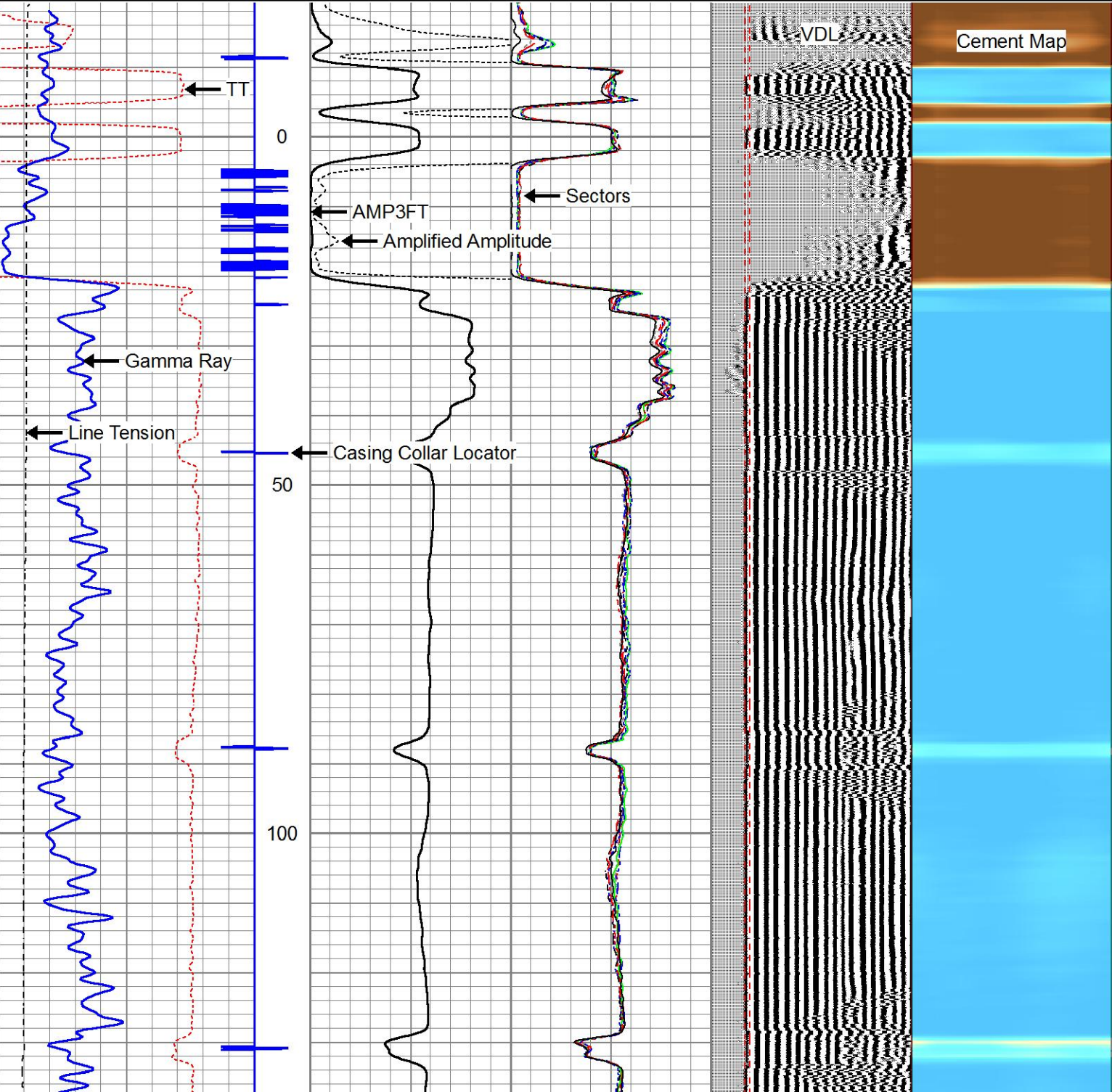
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00

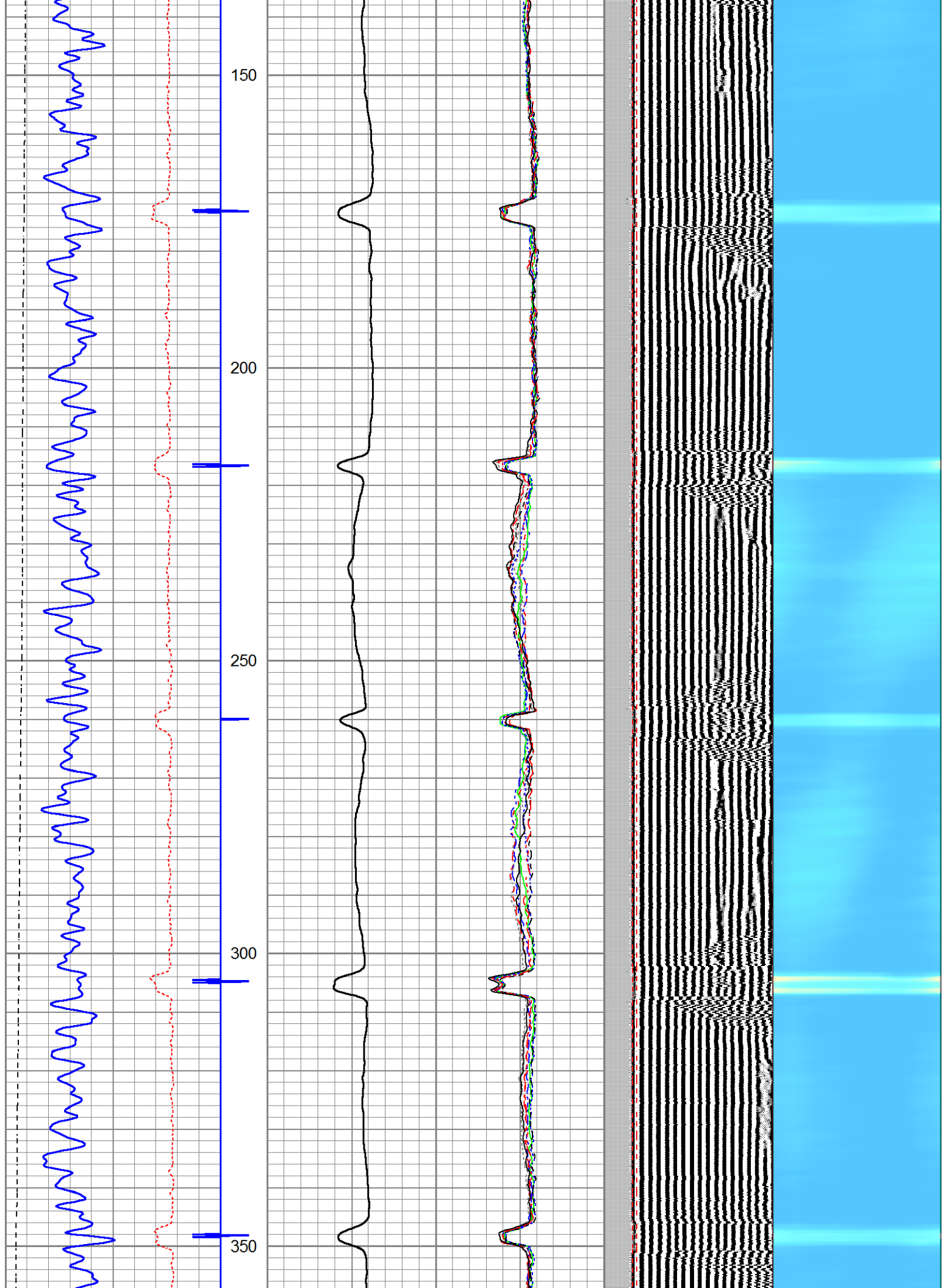




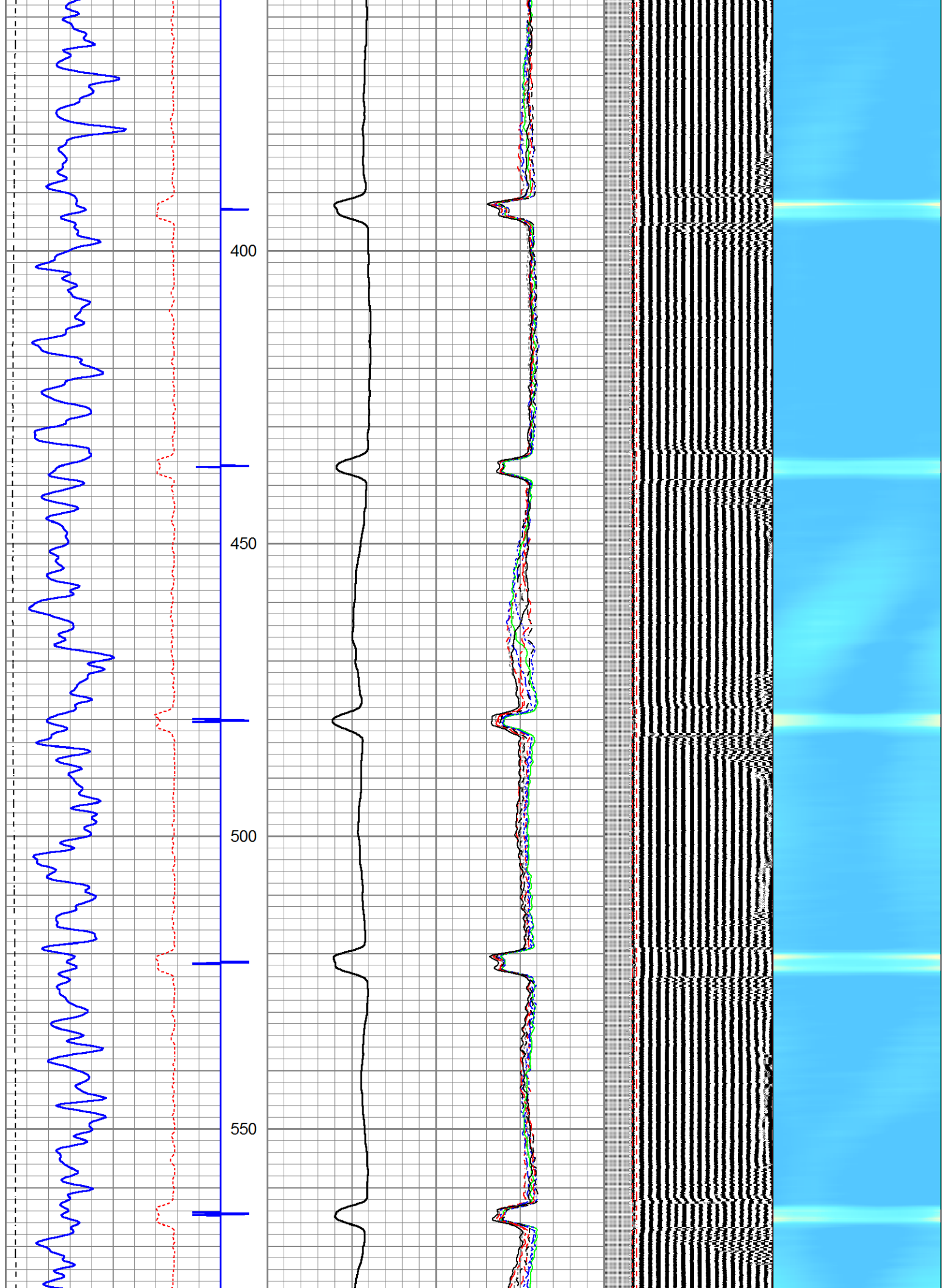
Database File marrs 28c-10hz.db  
Dataset Pathname runCBL/pass3  
Presentation Format scbl4\_5  
Dataset Creation Wed Apr 11 07:27:38 2018  
Charted by Depth in Feet scaled 1:240

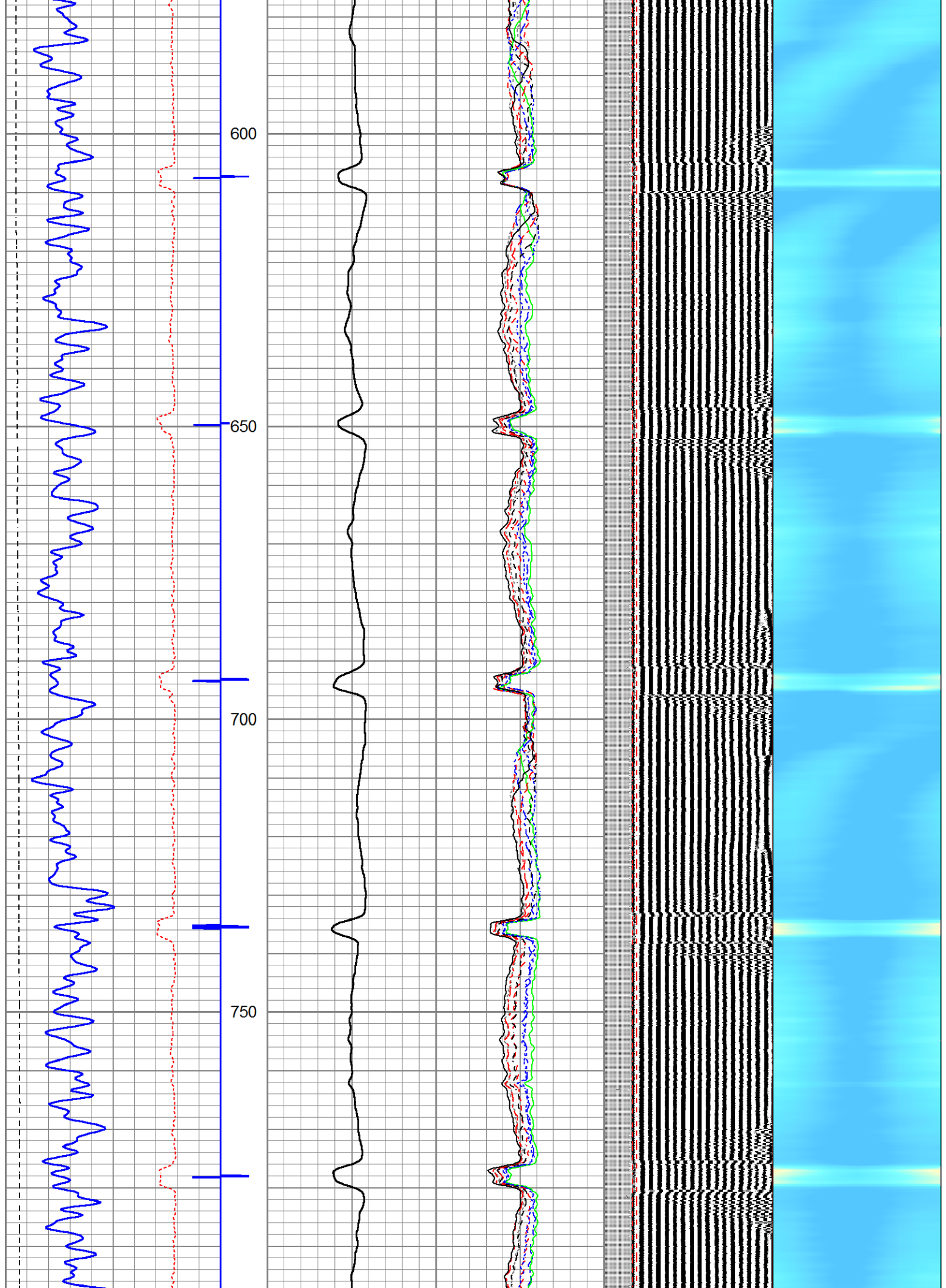
325	TT (usec)	225	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL (usec)	1200	Cement Map
0	GR (GAPI)	200		Amplified Amplitude		-5	AMPS3	150				
0	LTEN (lb)	3000	0	(mV)	10	-5	AMPS4	150	Free Pipe Section			
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				
						-5	AMPS1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

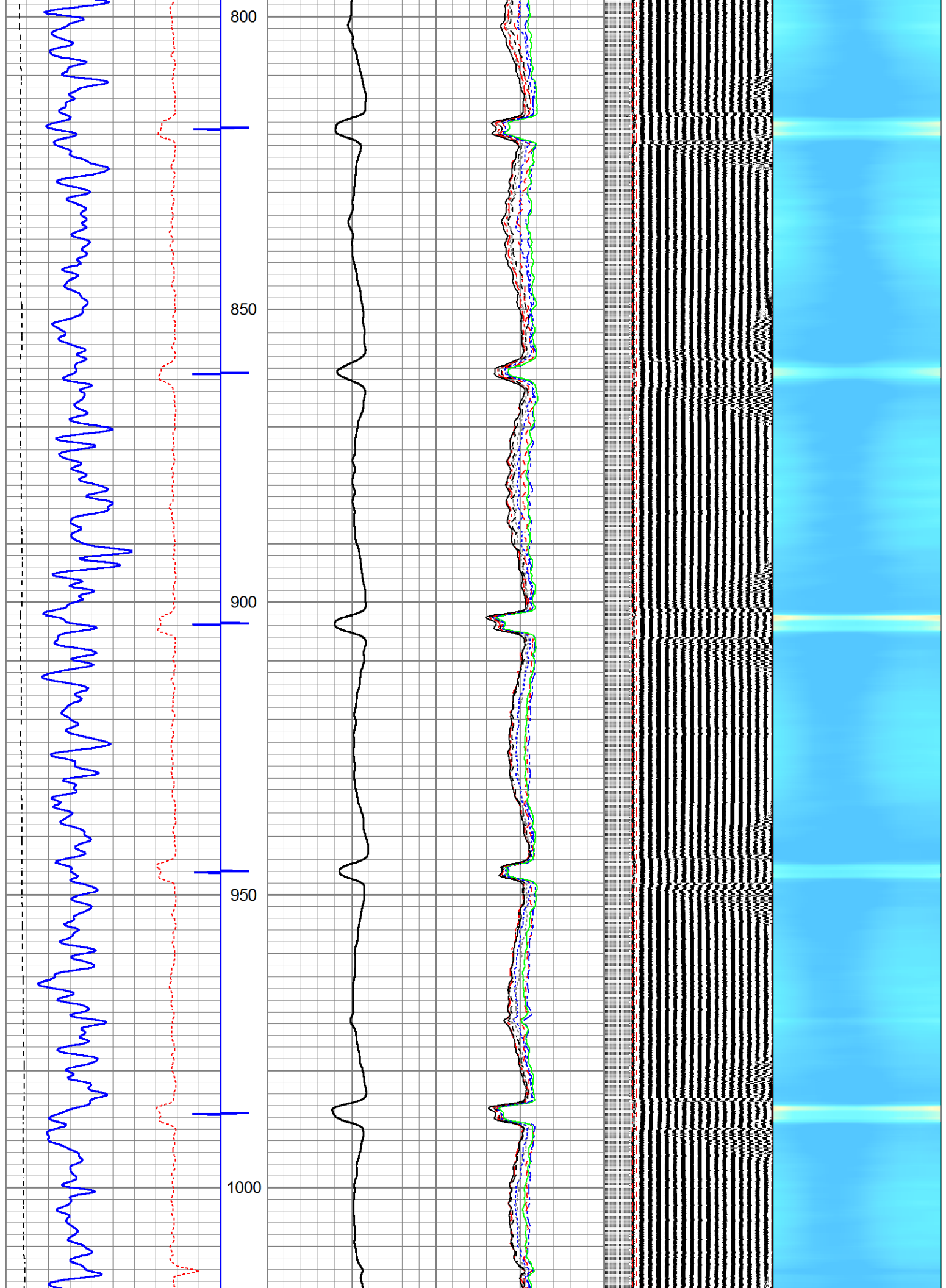




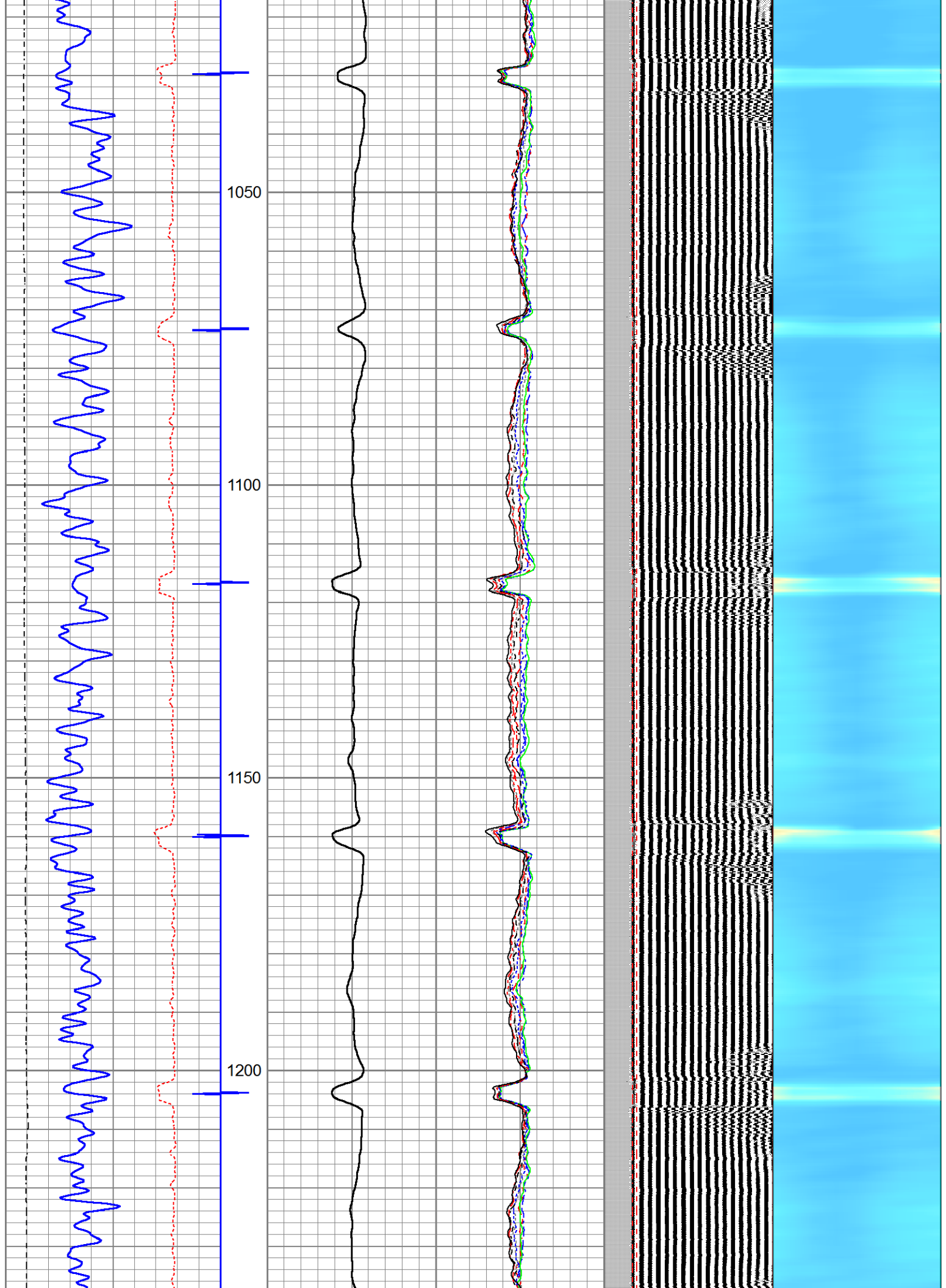




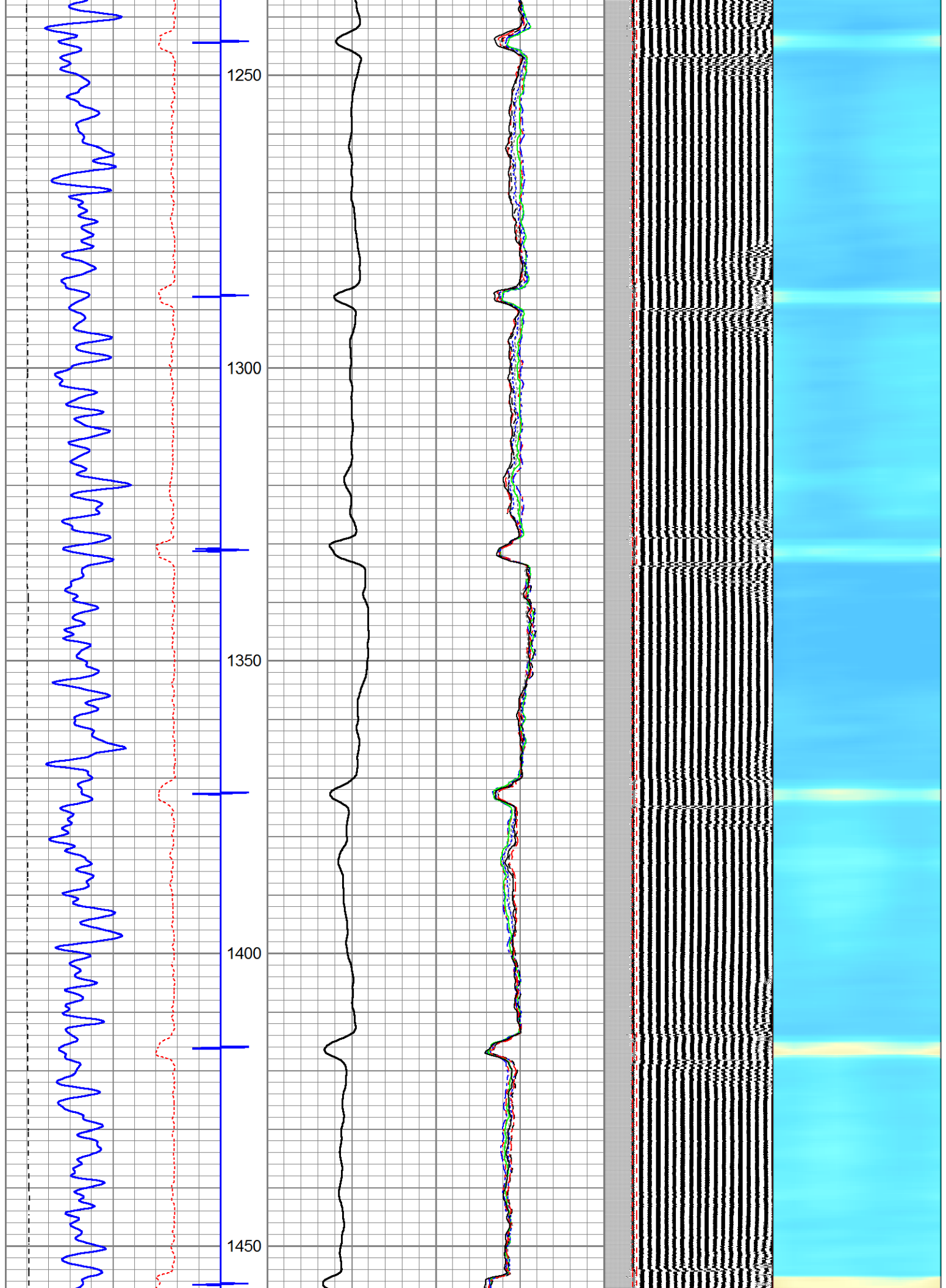


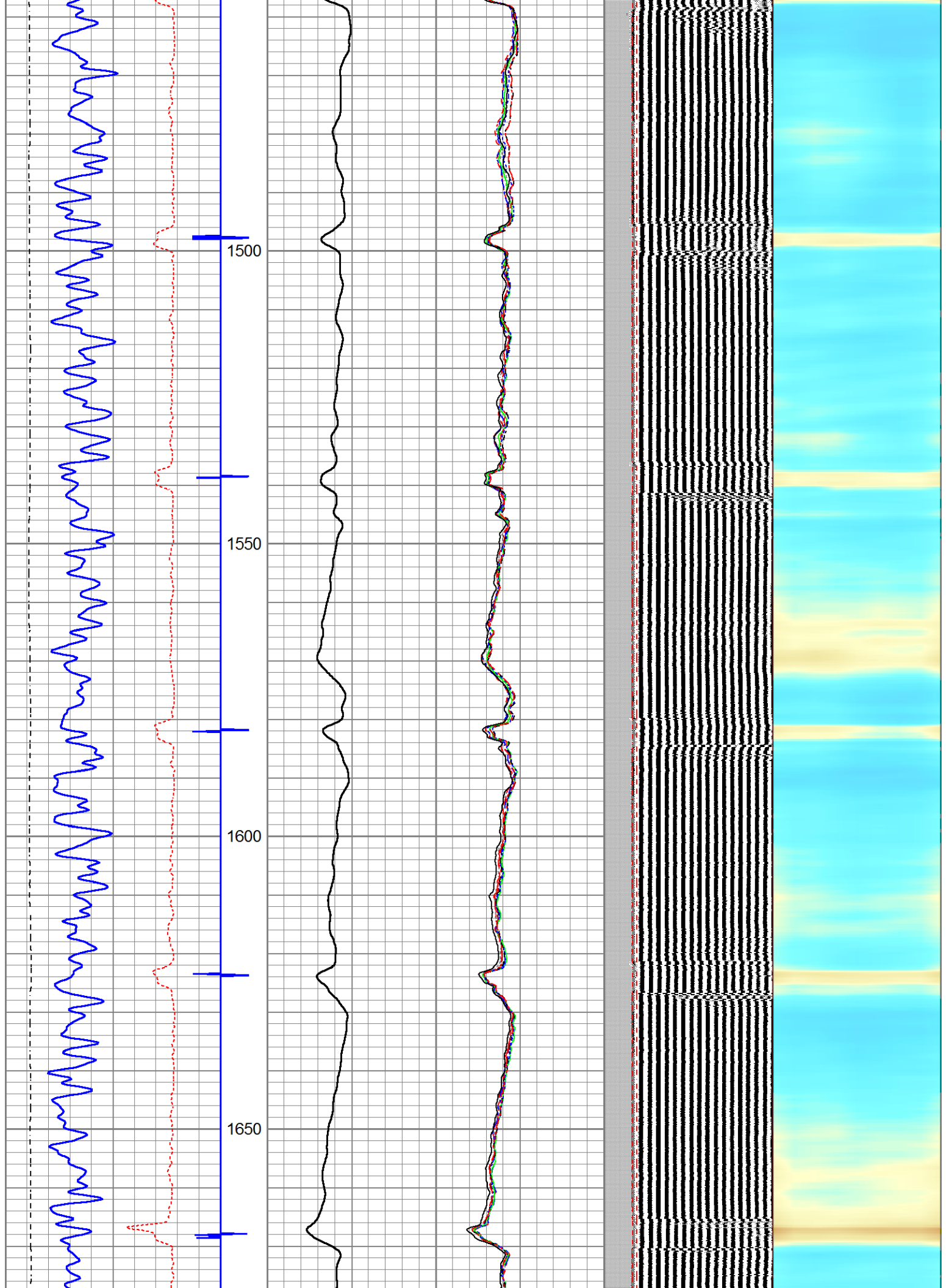


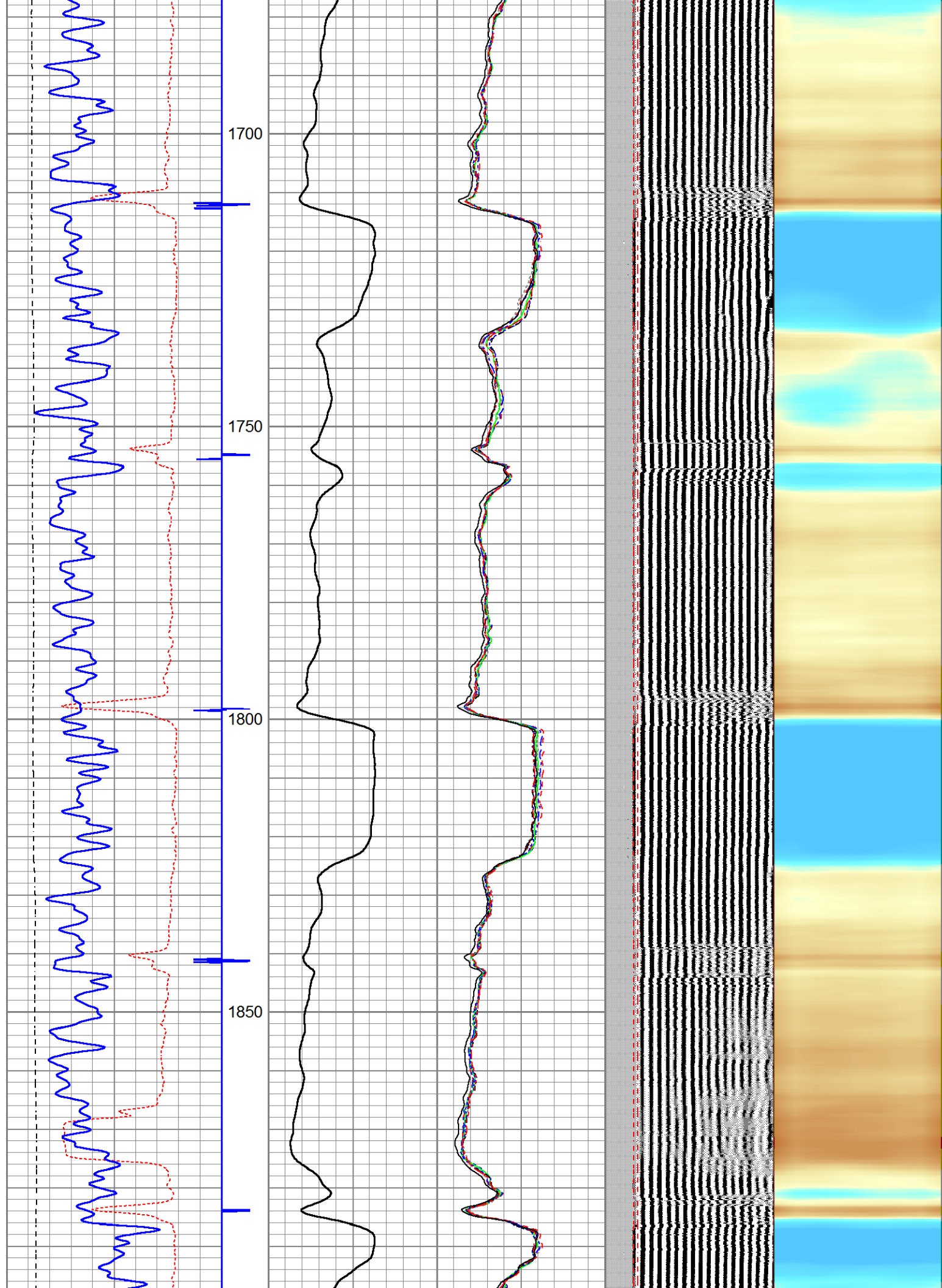




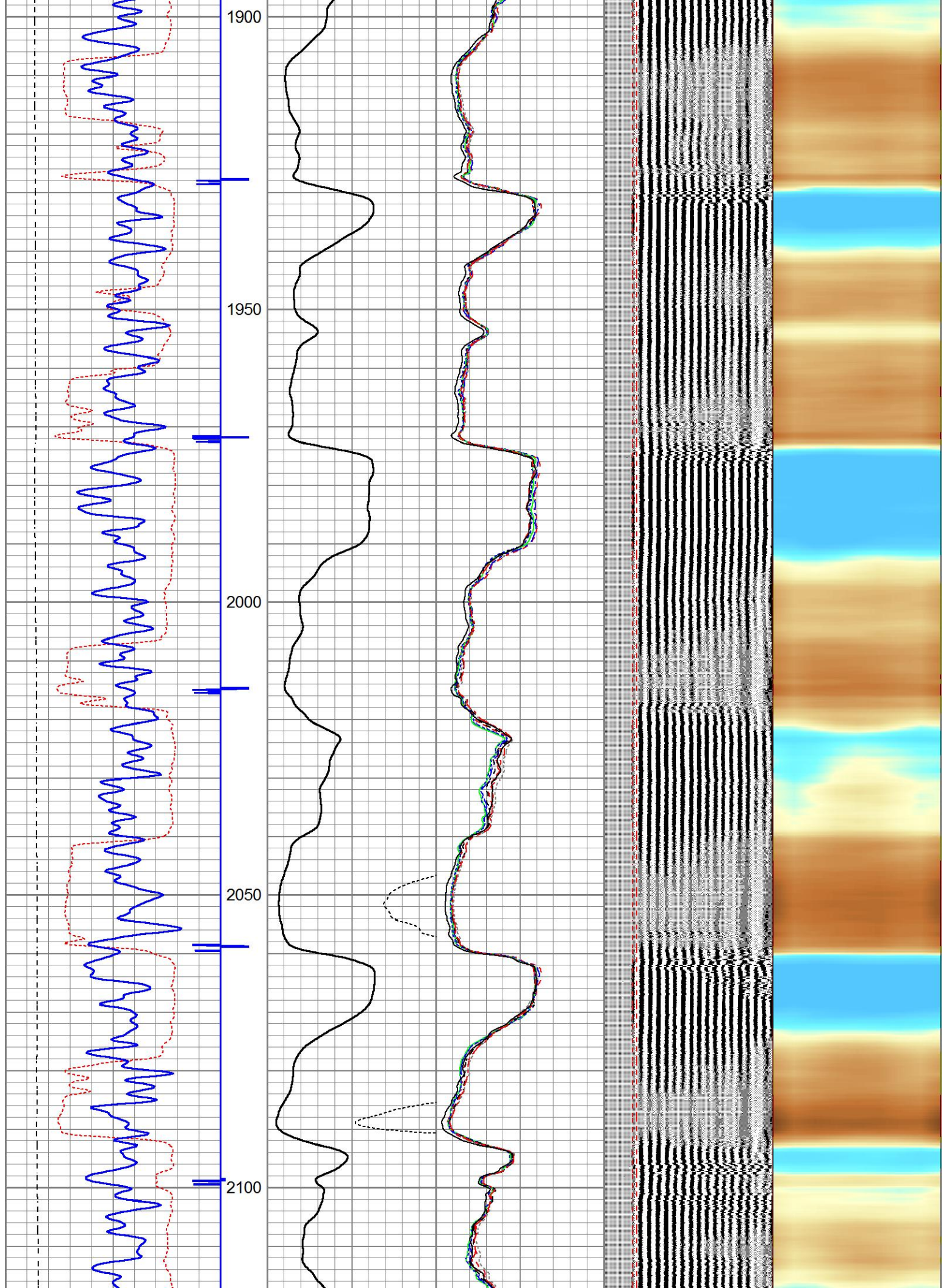




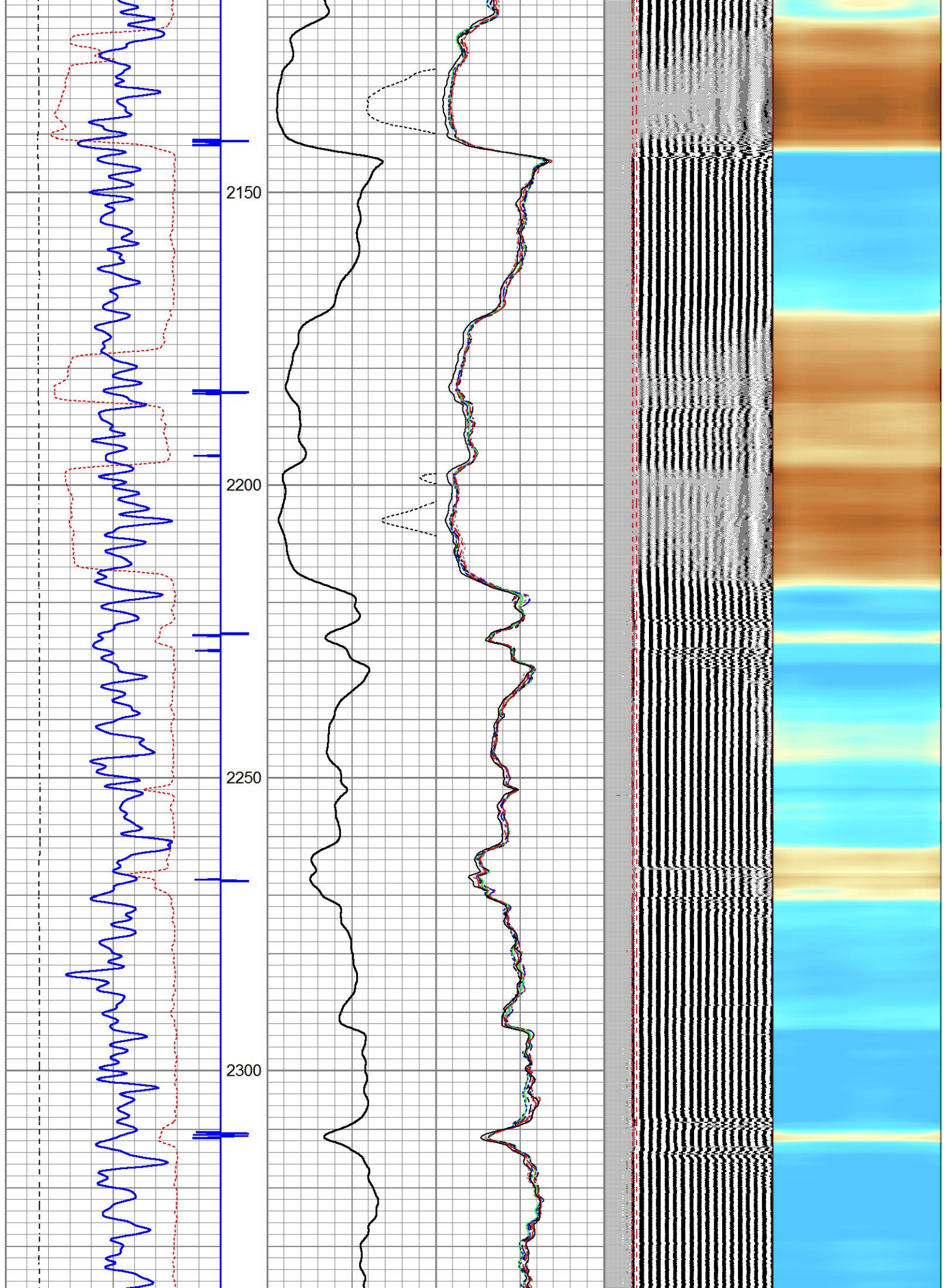


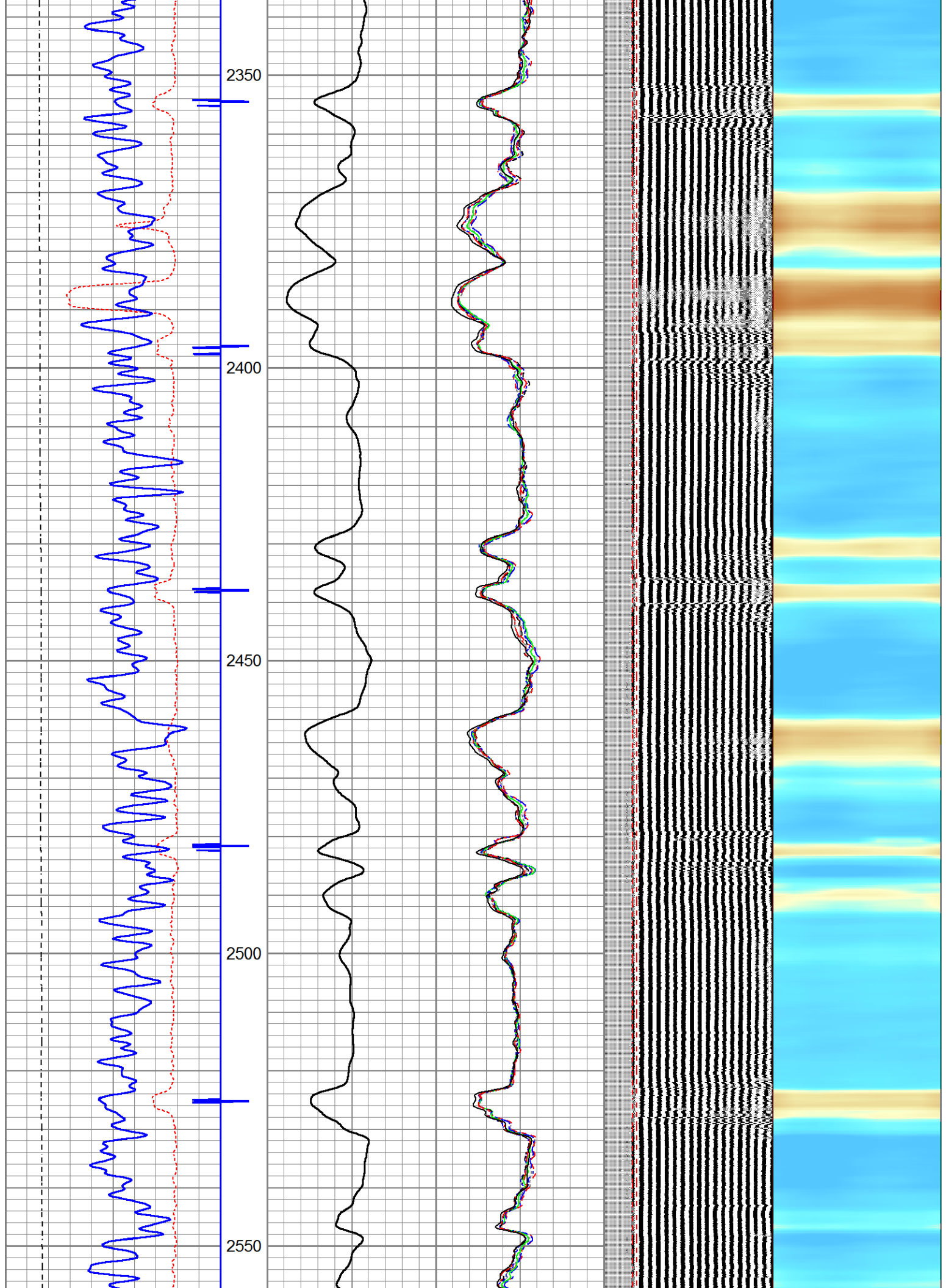




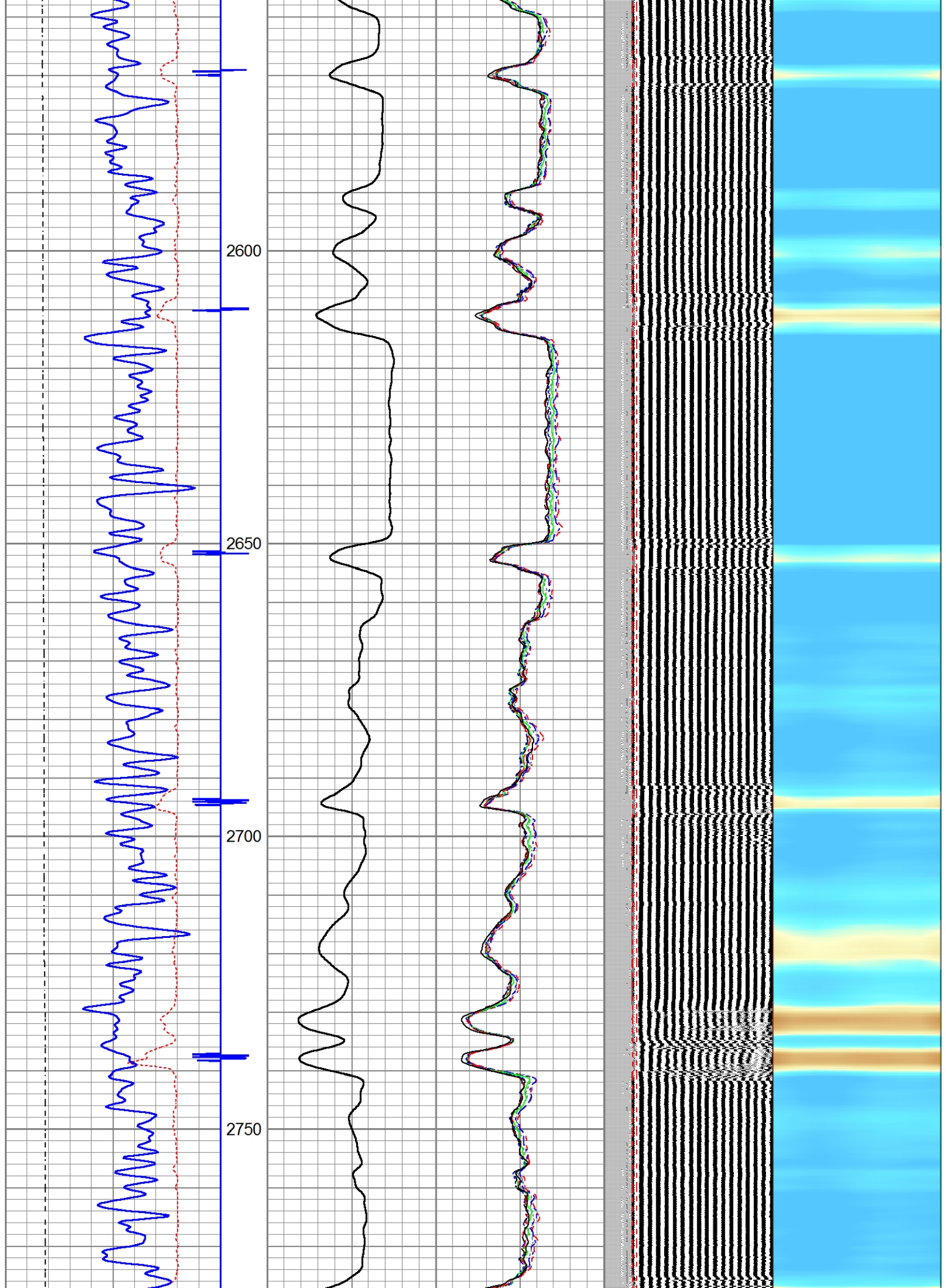


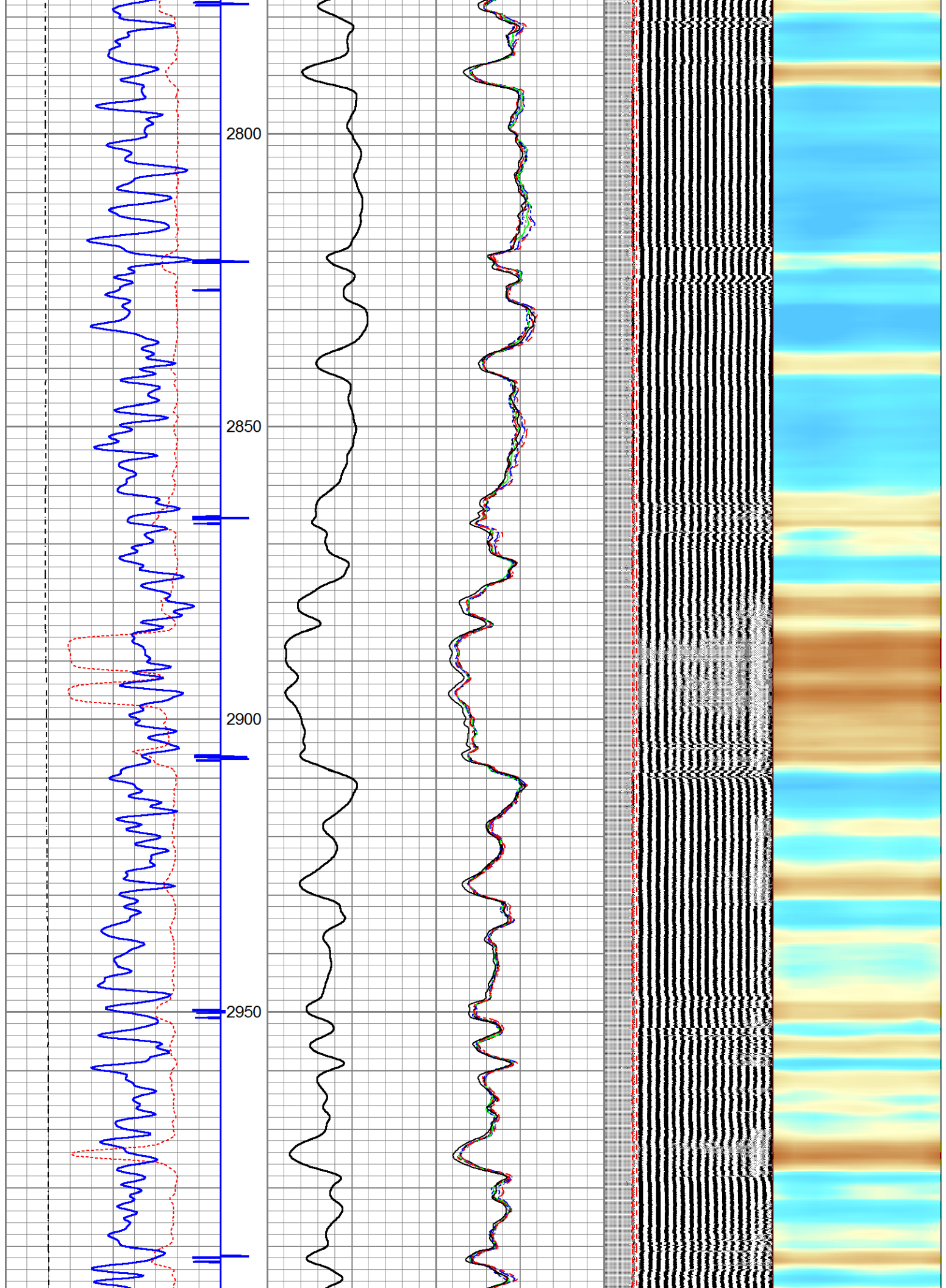


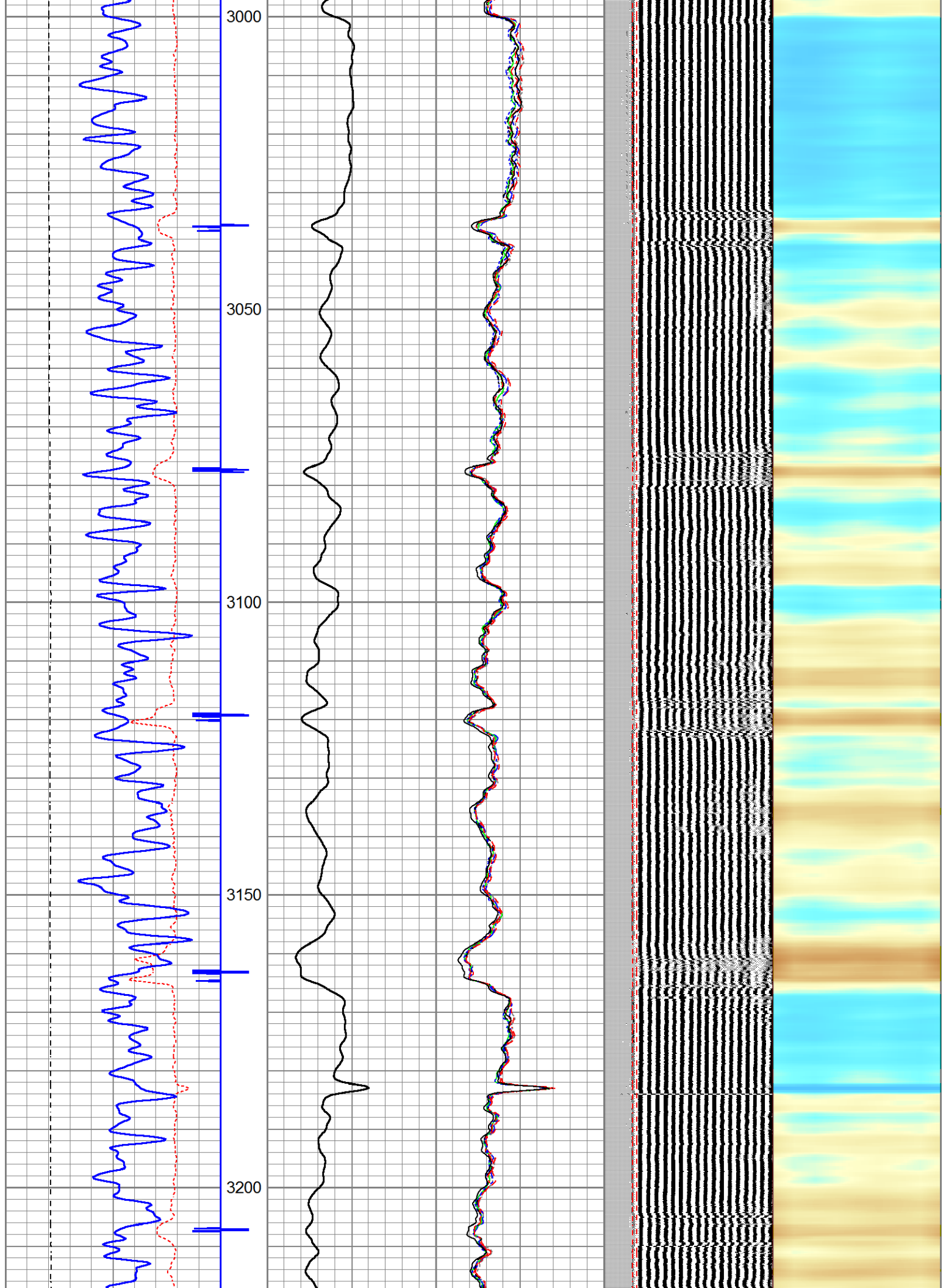




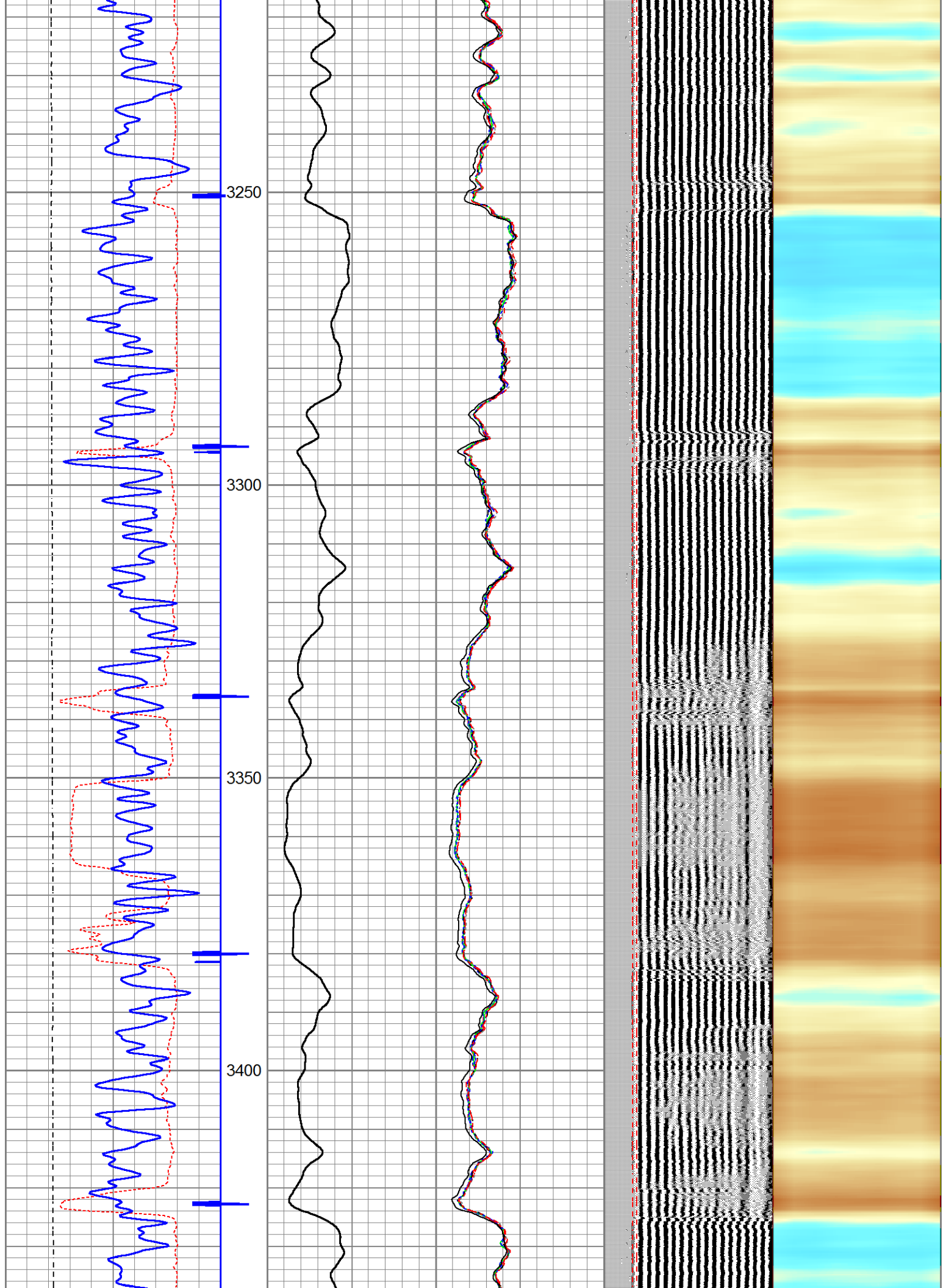


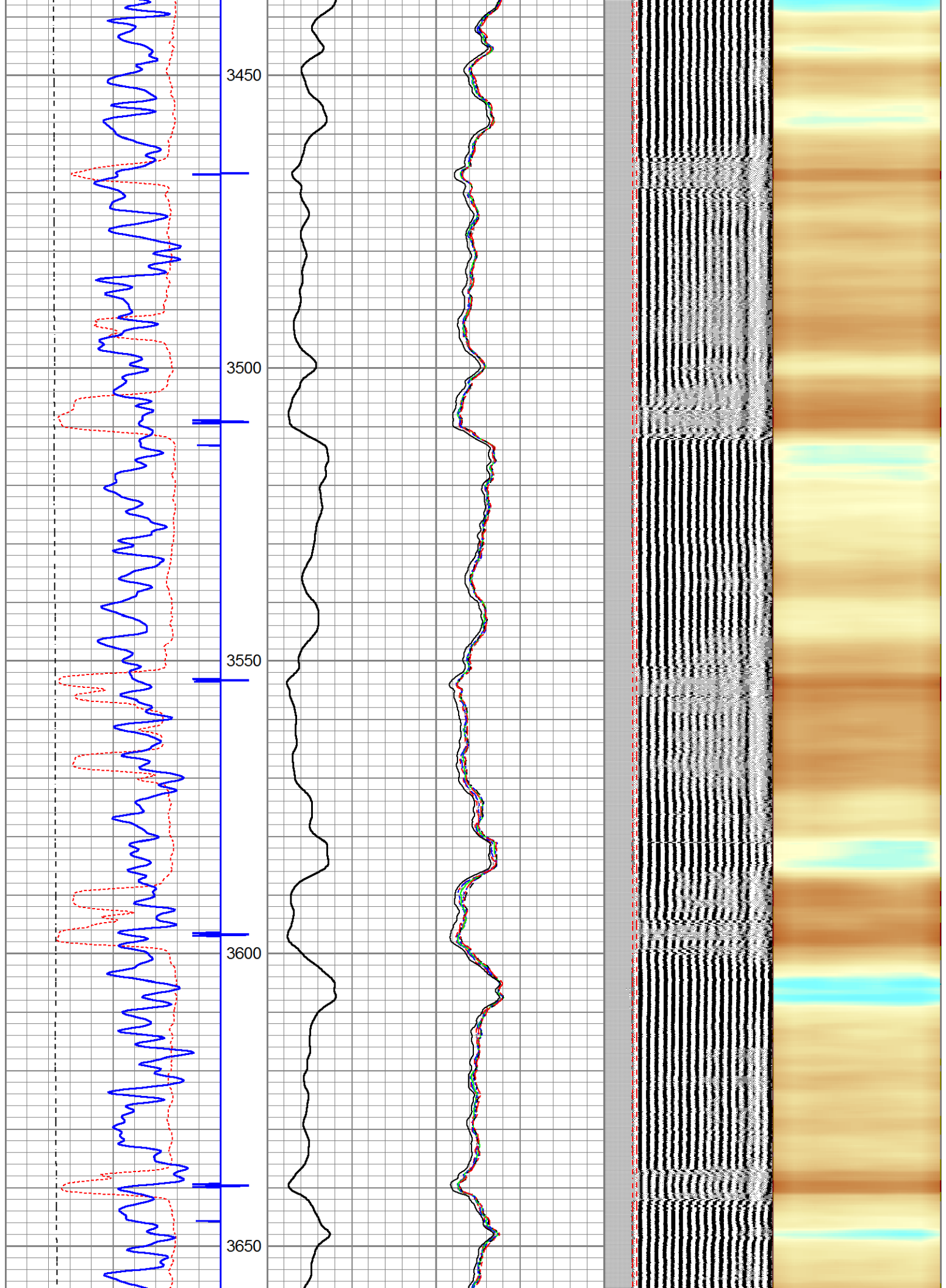


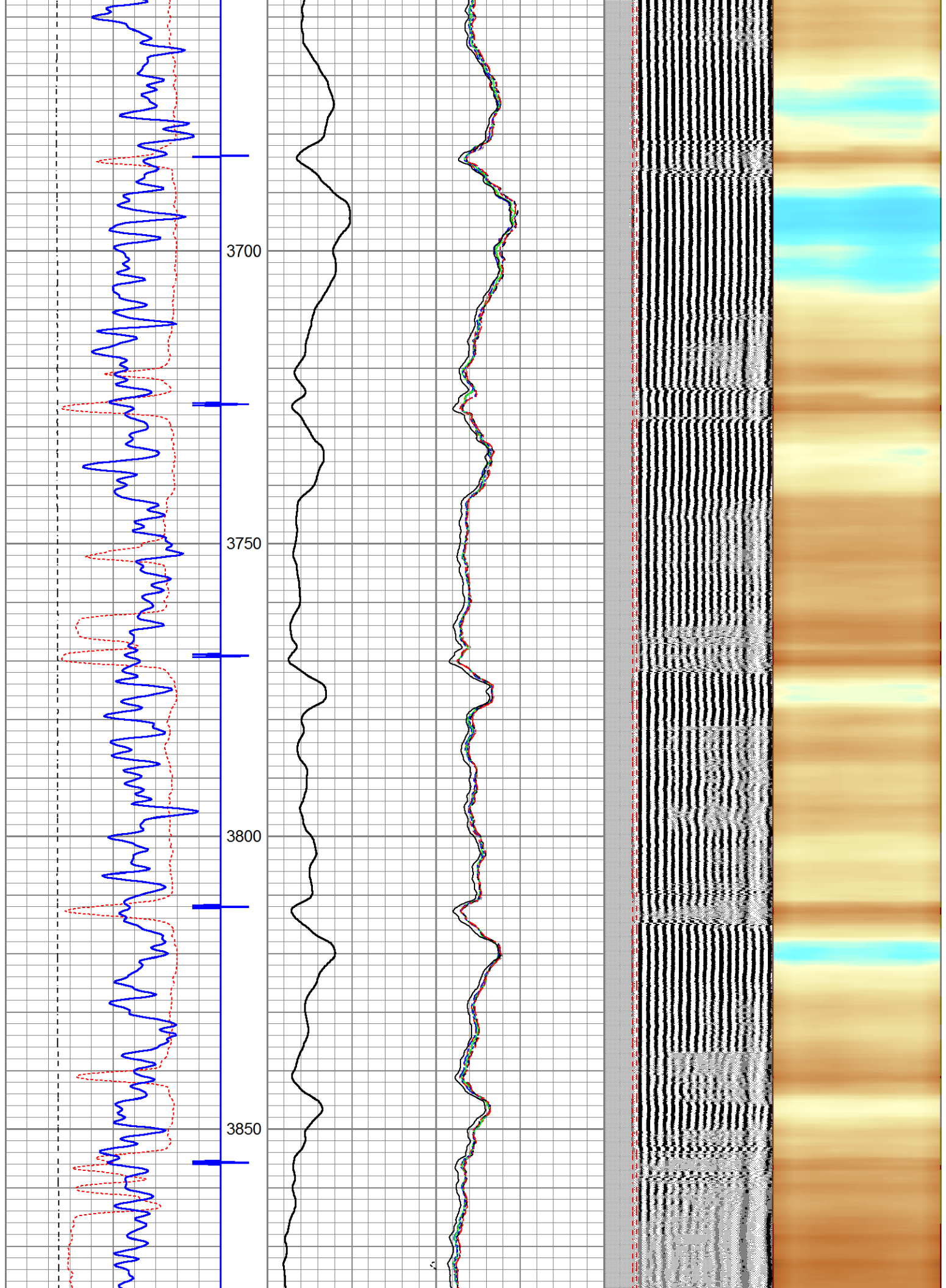




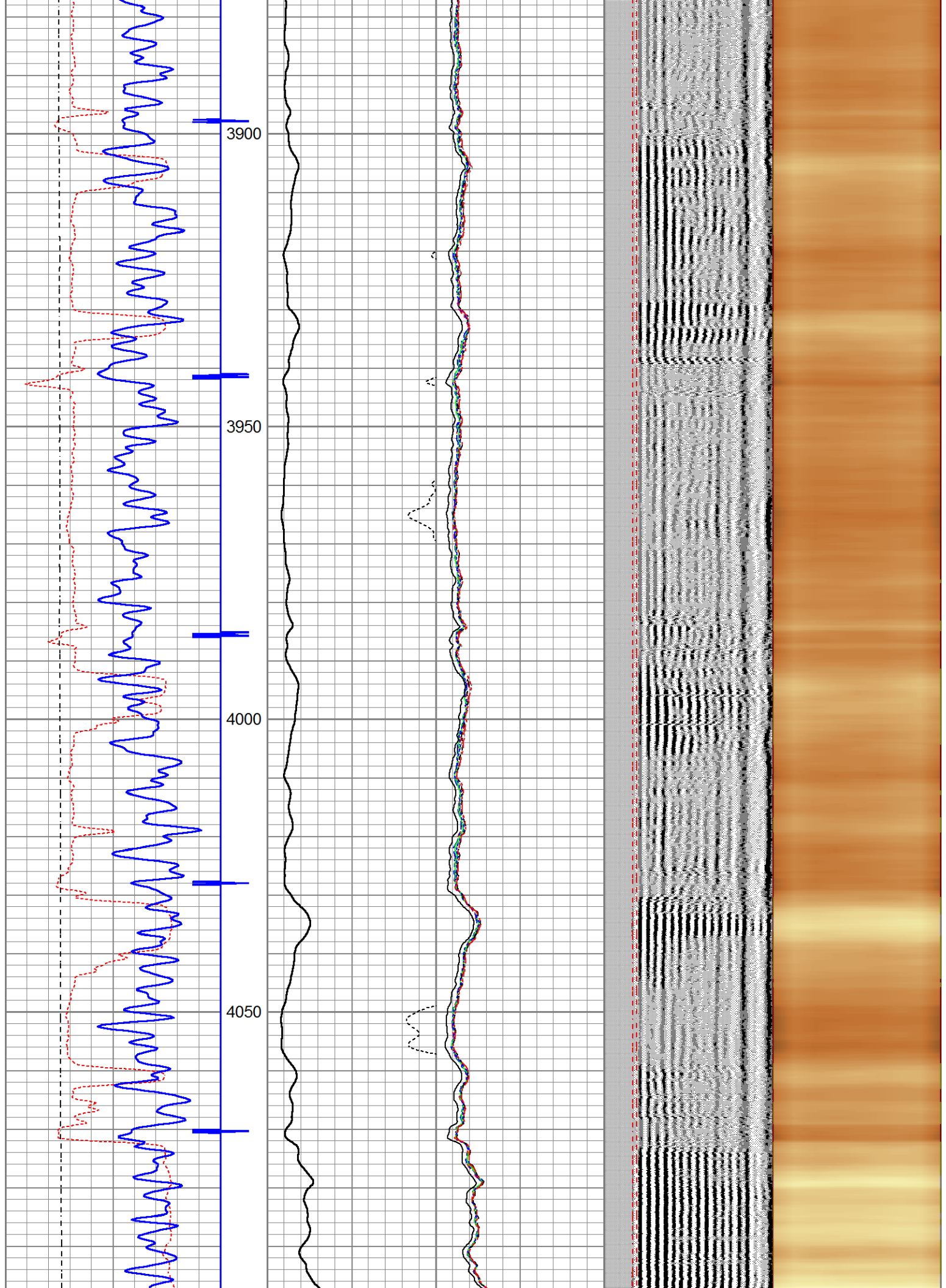


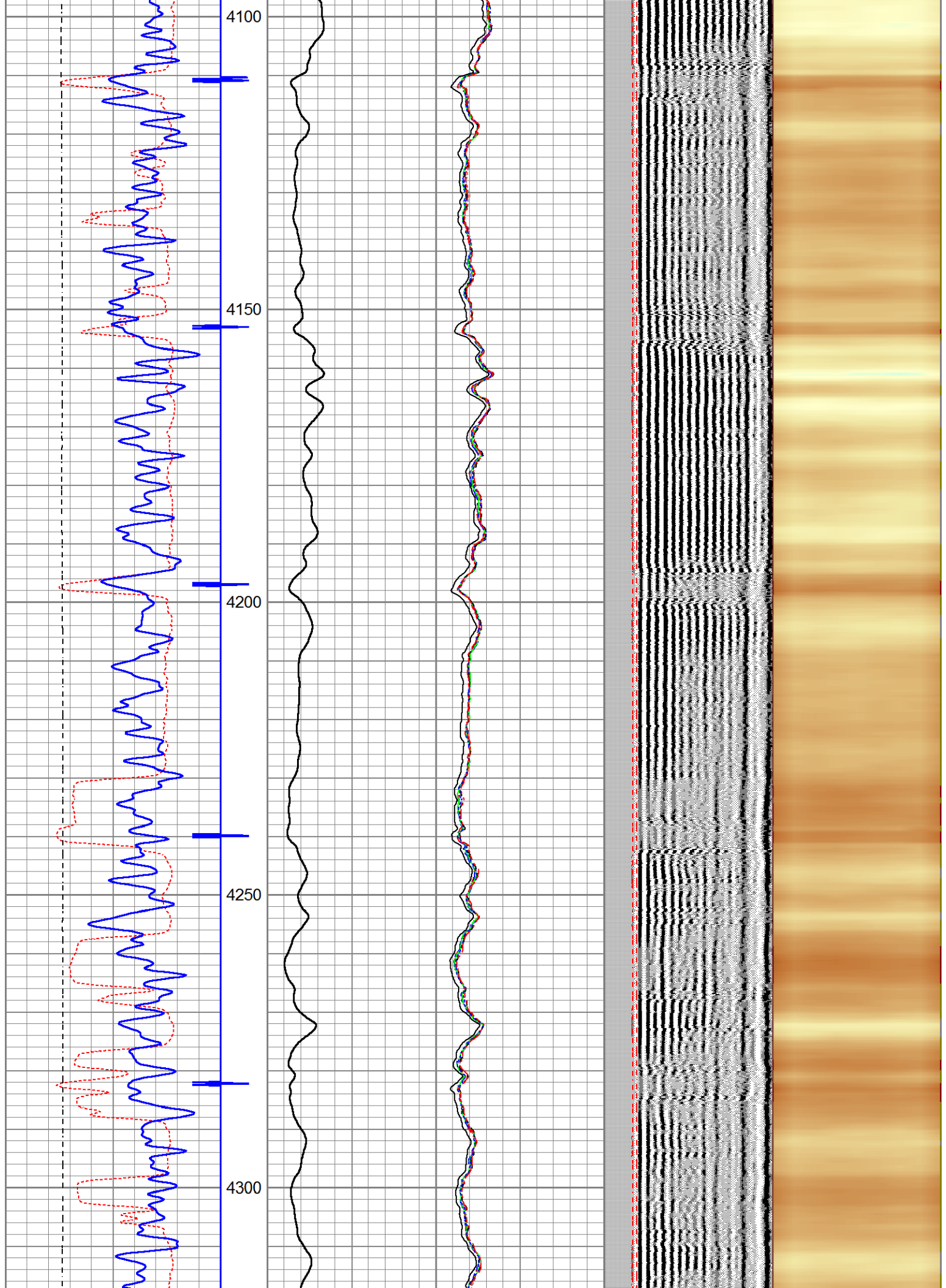




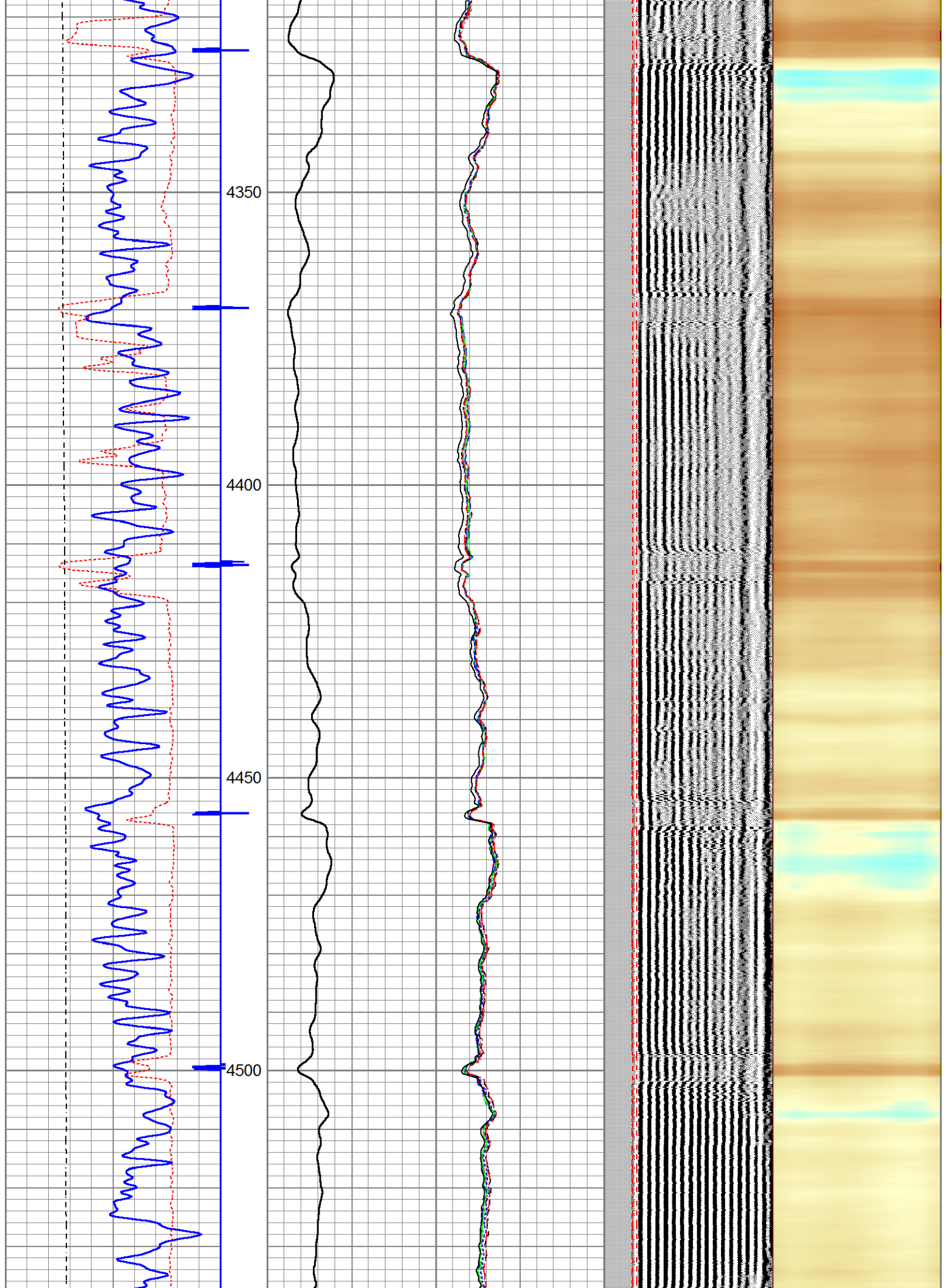




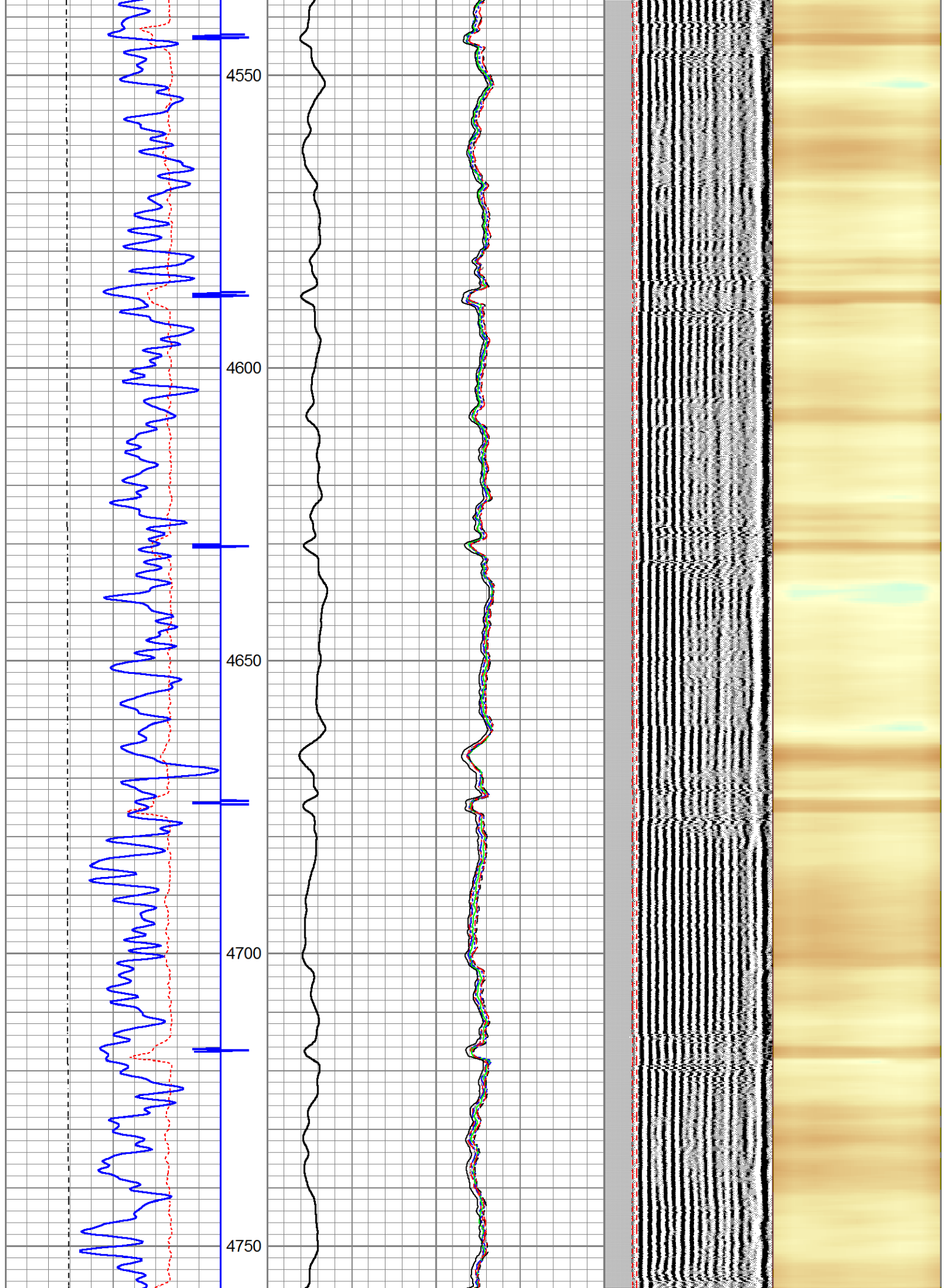


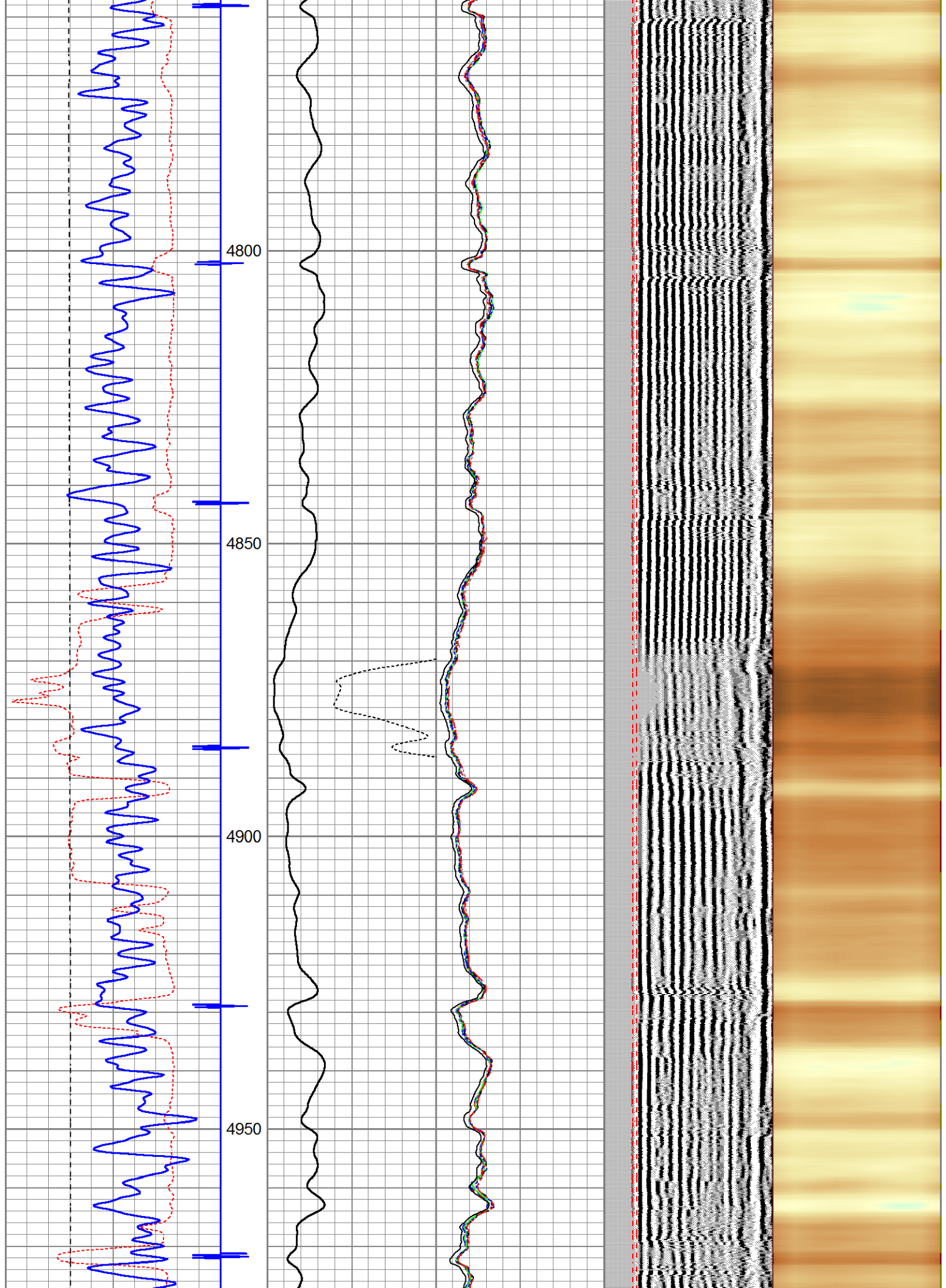




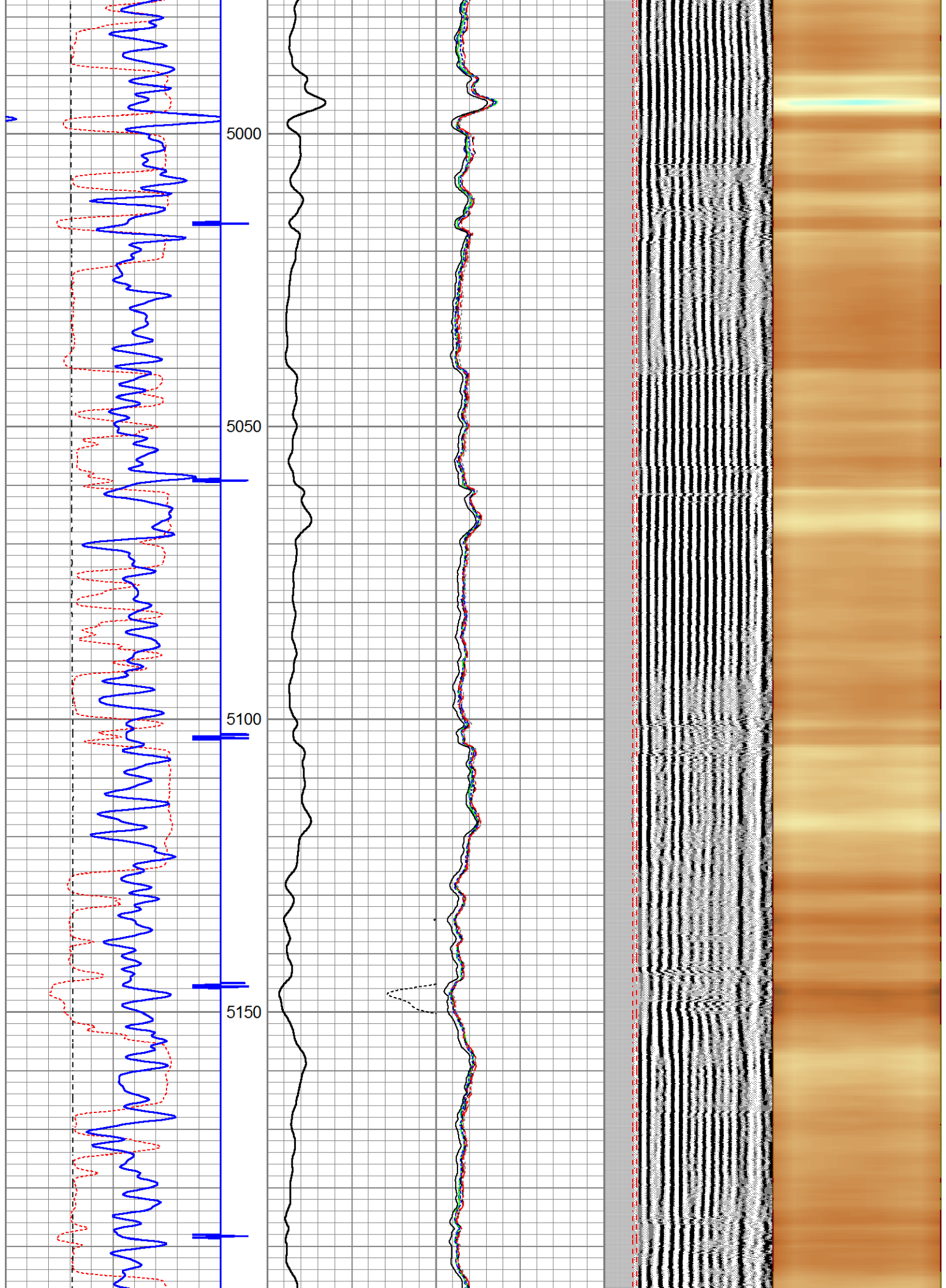




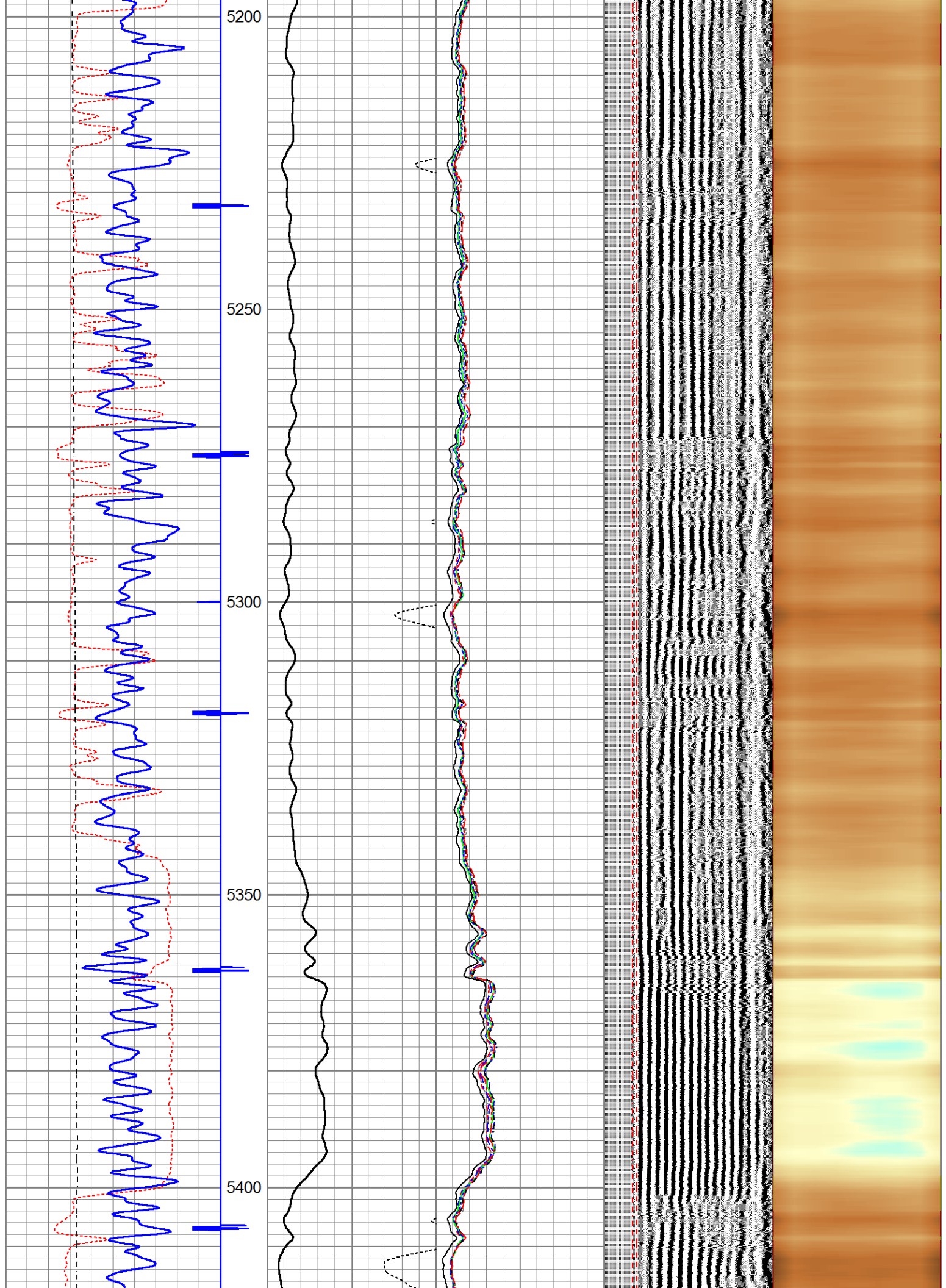


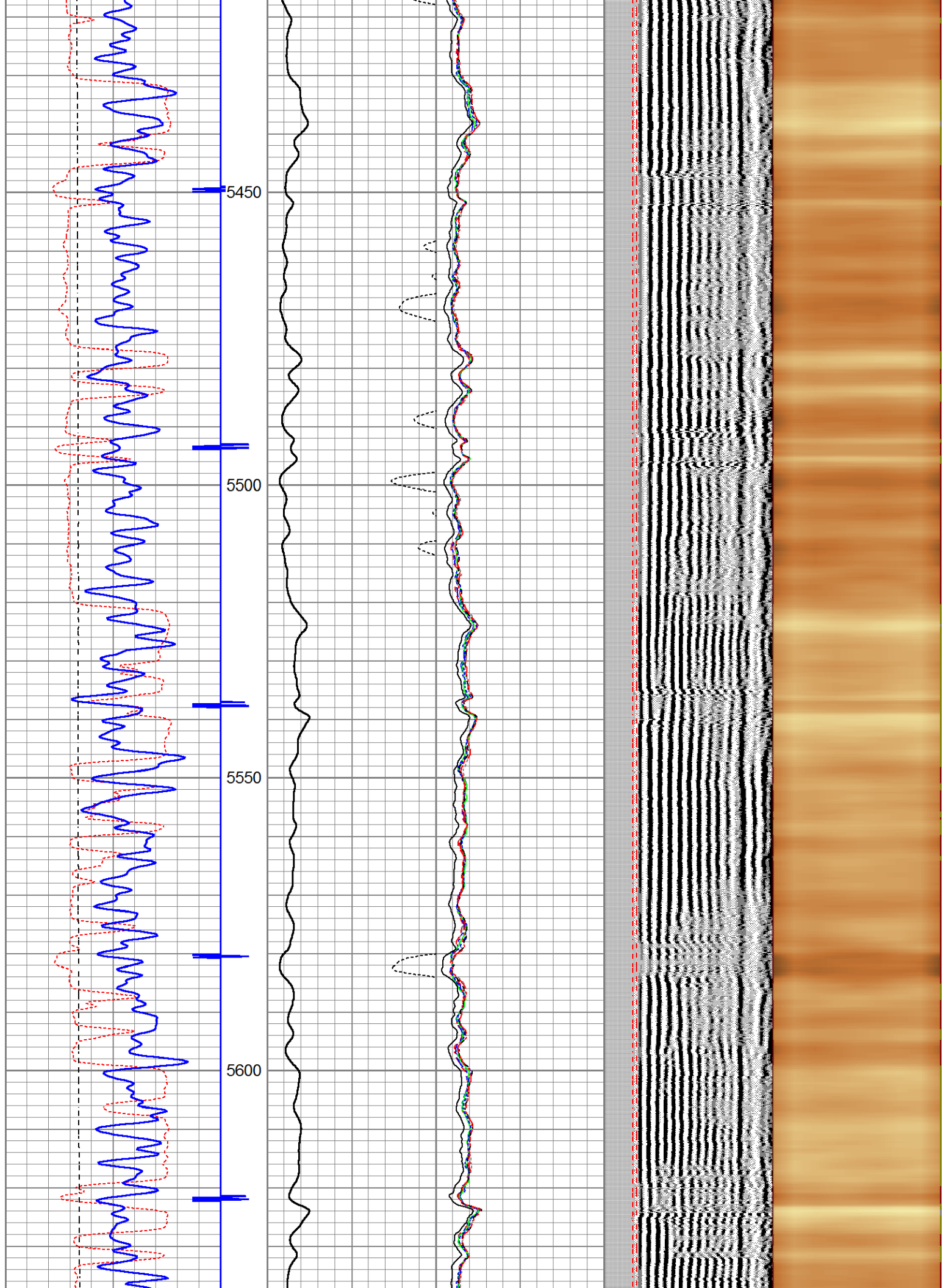




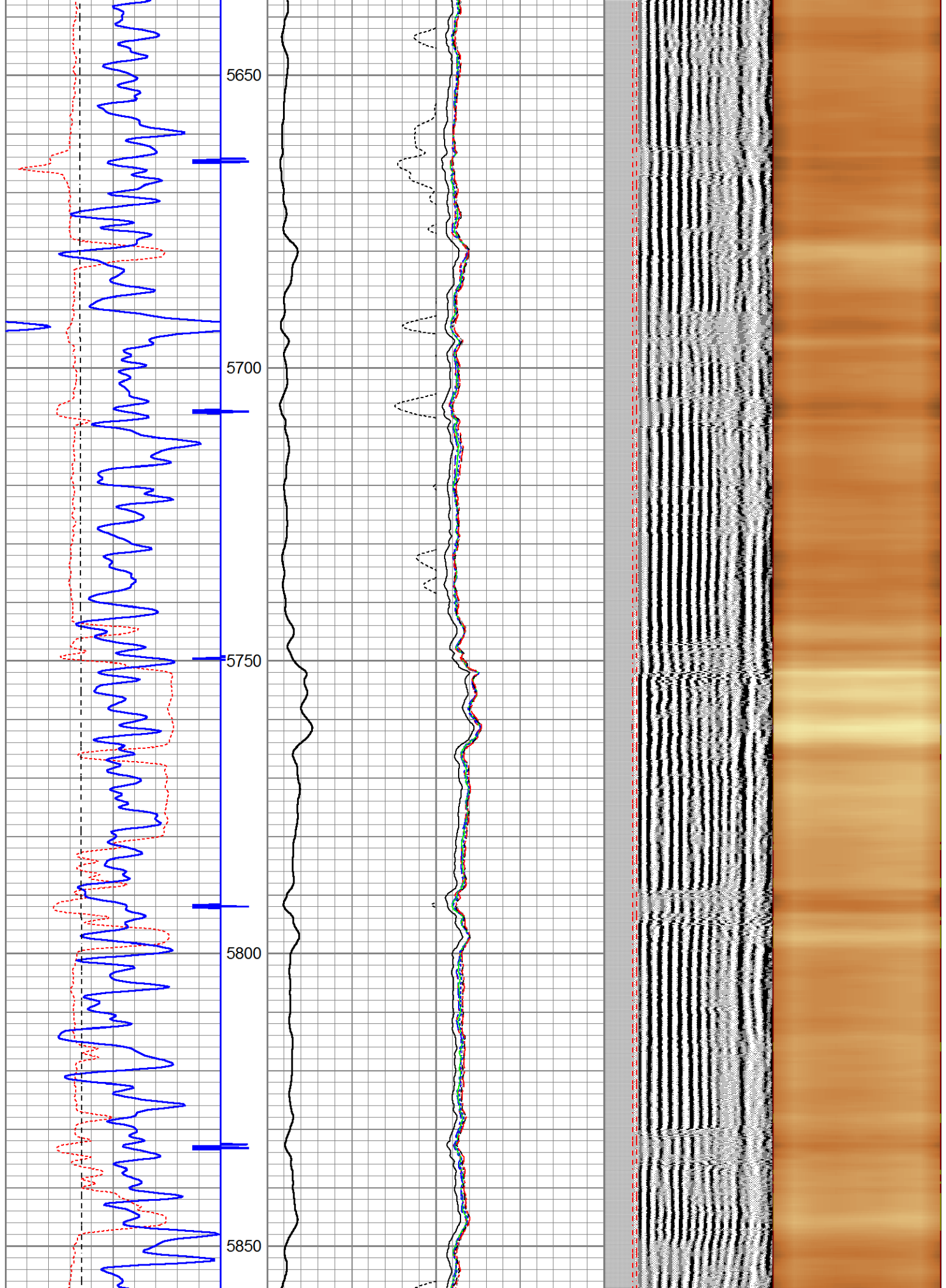




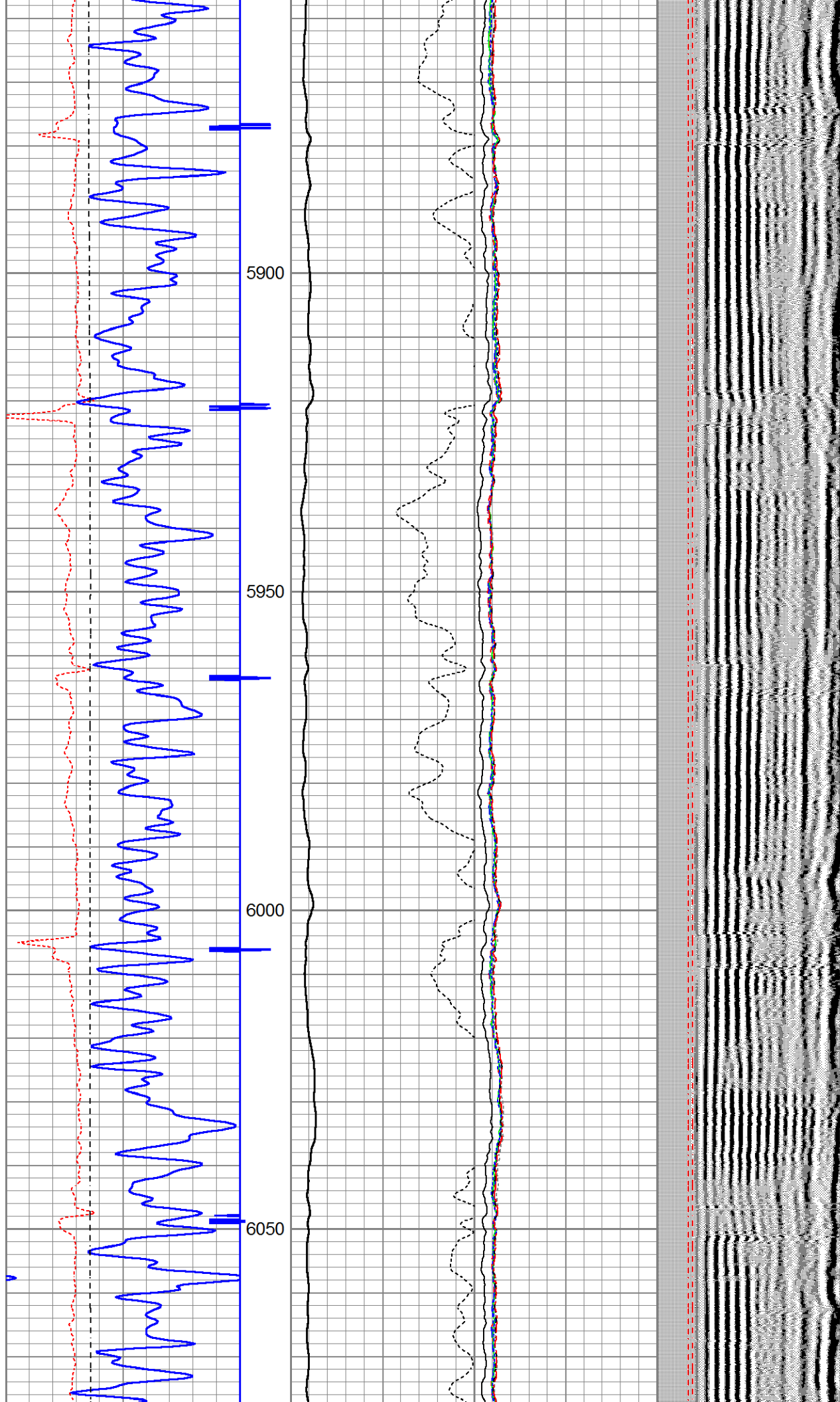


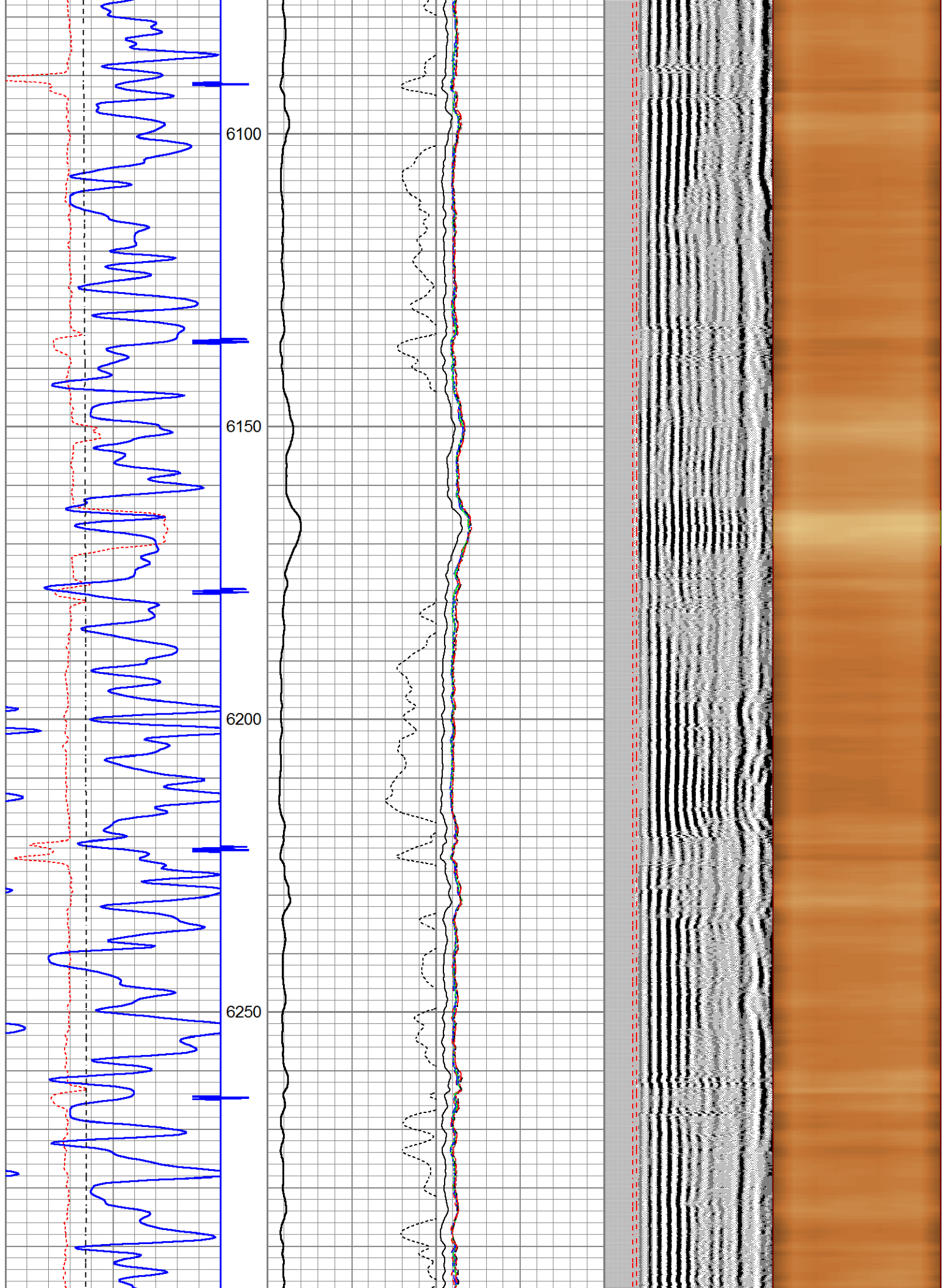




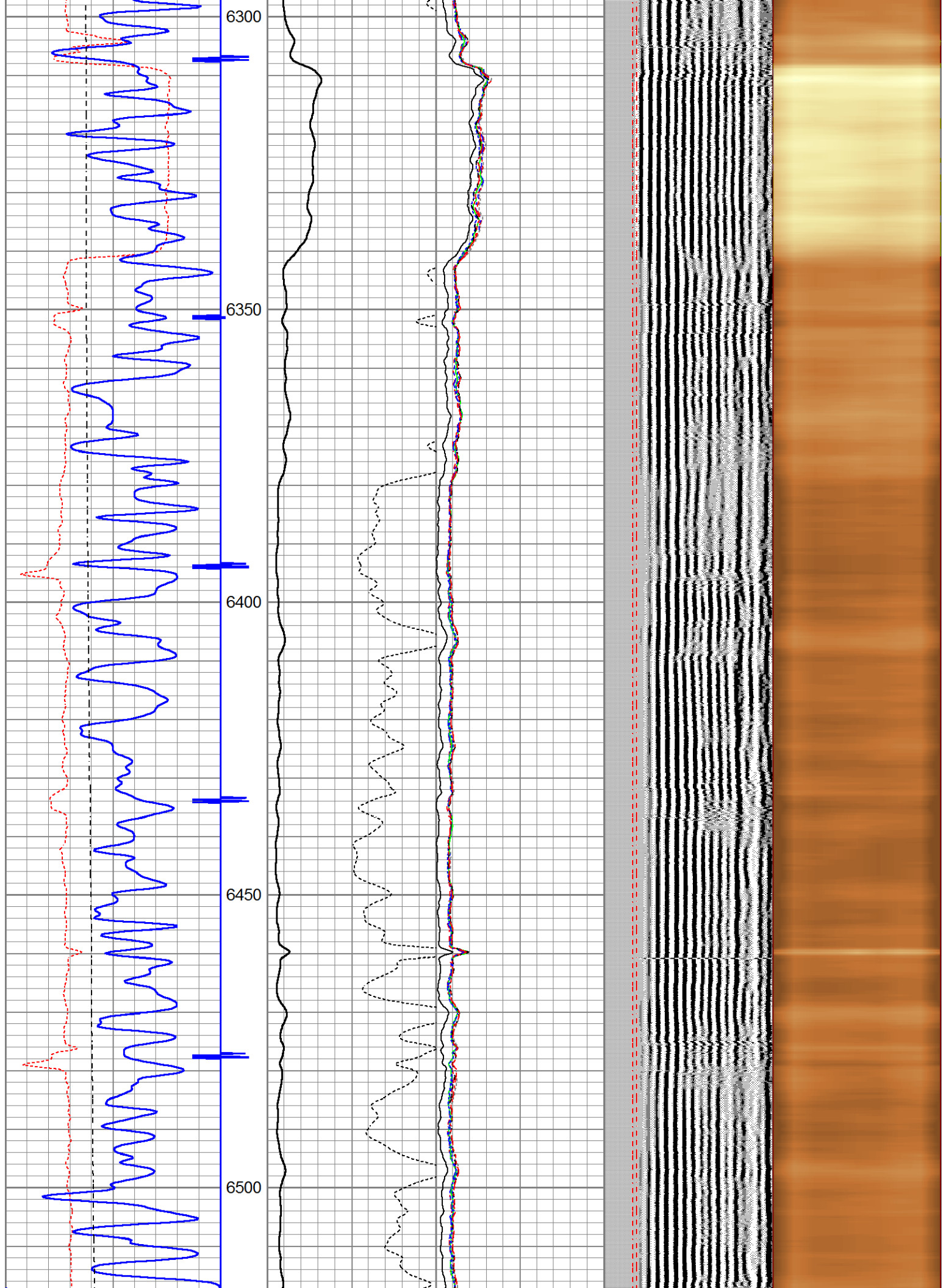




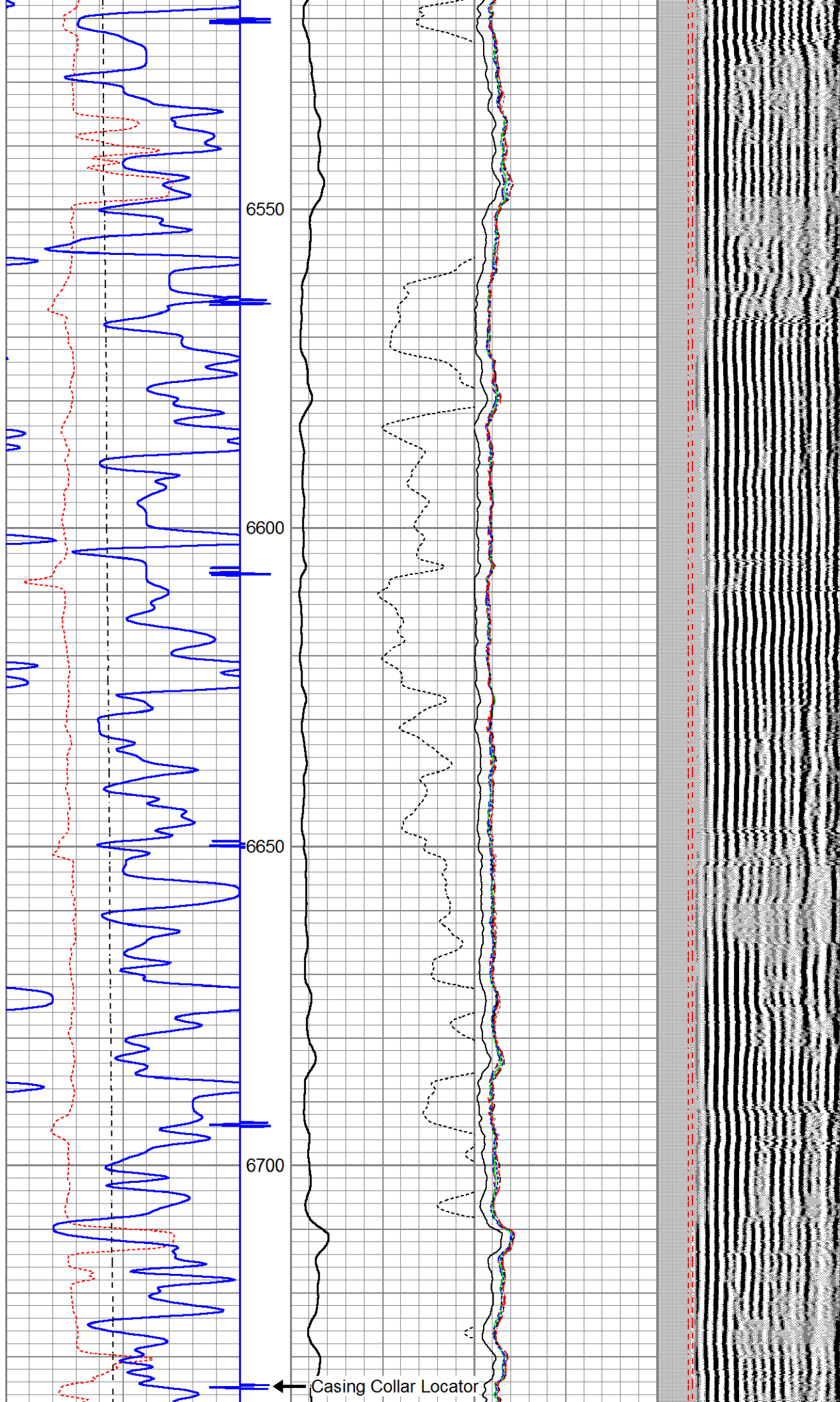


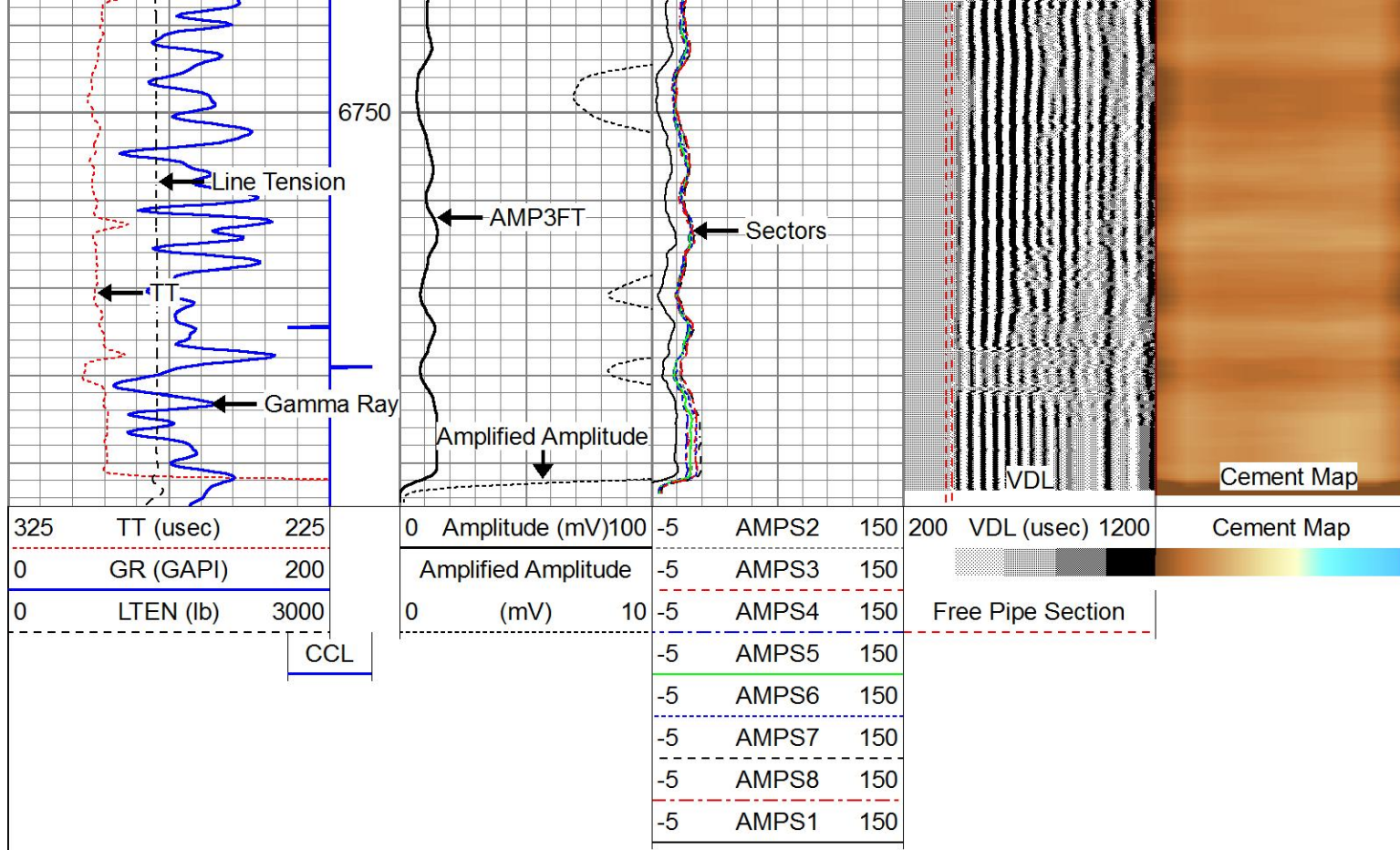












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