



RADIAL CEMENT  
BOND LOG

Company CONFLUENCE		Well 70 RANCH 10-18-3L		Field WATTENBERG		County WELD		State COLORADO	
Location:		SEC 3		TWP 4N		RGE 63W		API # : 05-123-46612	
Permanent Datum		GL		Elevation		4595'		Other Services	
Log Measured From		KB=20.5'		Elevation		4595'		K.B. 4618'	
Drilling Measured From		KB		Elevation		4595'		D.F. 4617'	
Date		8-14-19		Run Number		1			
Depth Driller		16525'		Depth Logger		6460'			
Bottom Logged Interval		6460'		Top Log Interval		SURFACE			
Open Hole Size		8.5"		Type Fluid		H2O			
Density / Viscosity		~8.3#		Max. Recorded Temp.		223 degF			
Estimated Cement Top		5250'		Time Well Ready		ROA			
Time Logger on Bottom				Equipment Number		W-061			
Location		WINDSOR, CO		Recorded By		RYAN ALLES			
Witnessed By		JUSTIN GALE		Borehole Record		Tubing Record			
Run Number		1		Bit		From		To	
2		8.5"		SURFACE		1,565'		16,525'	
Casing Record		Size		Wgt/Ft		Top		Bottom	
Surface String		9.63"/J-55 LTC		36#		SURFACE		1554'	
Prot. String		5.5"/P110 CYHP		20#		SURFACE		16512'	
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  
LOG RAN W/ 0PSI @ SURFACE  
\*\*\*\*\*THANK YOU FOR CHOOSING CUTTERS WIRELINE SERVICE\*\*\*\*\*

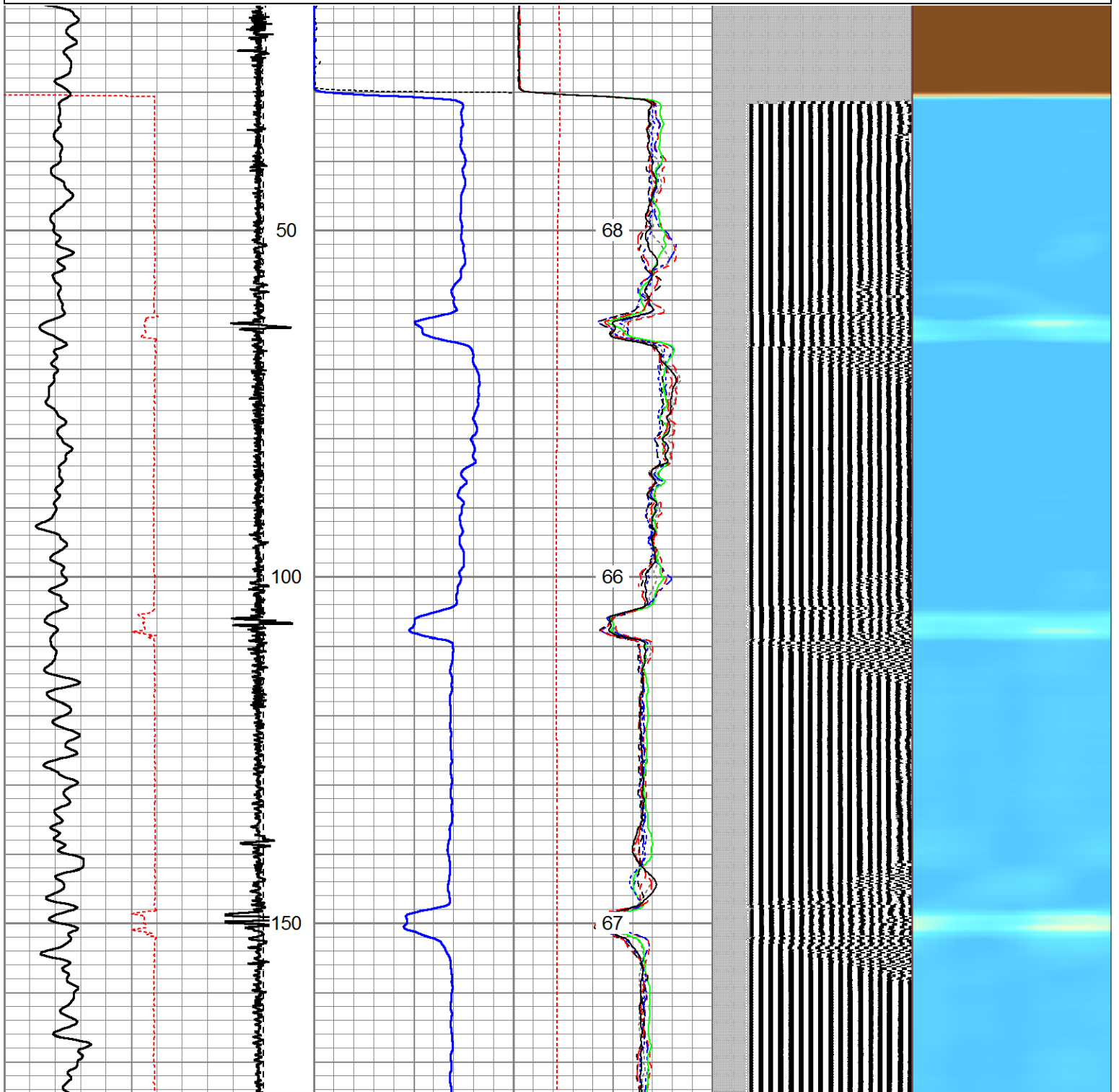
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00

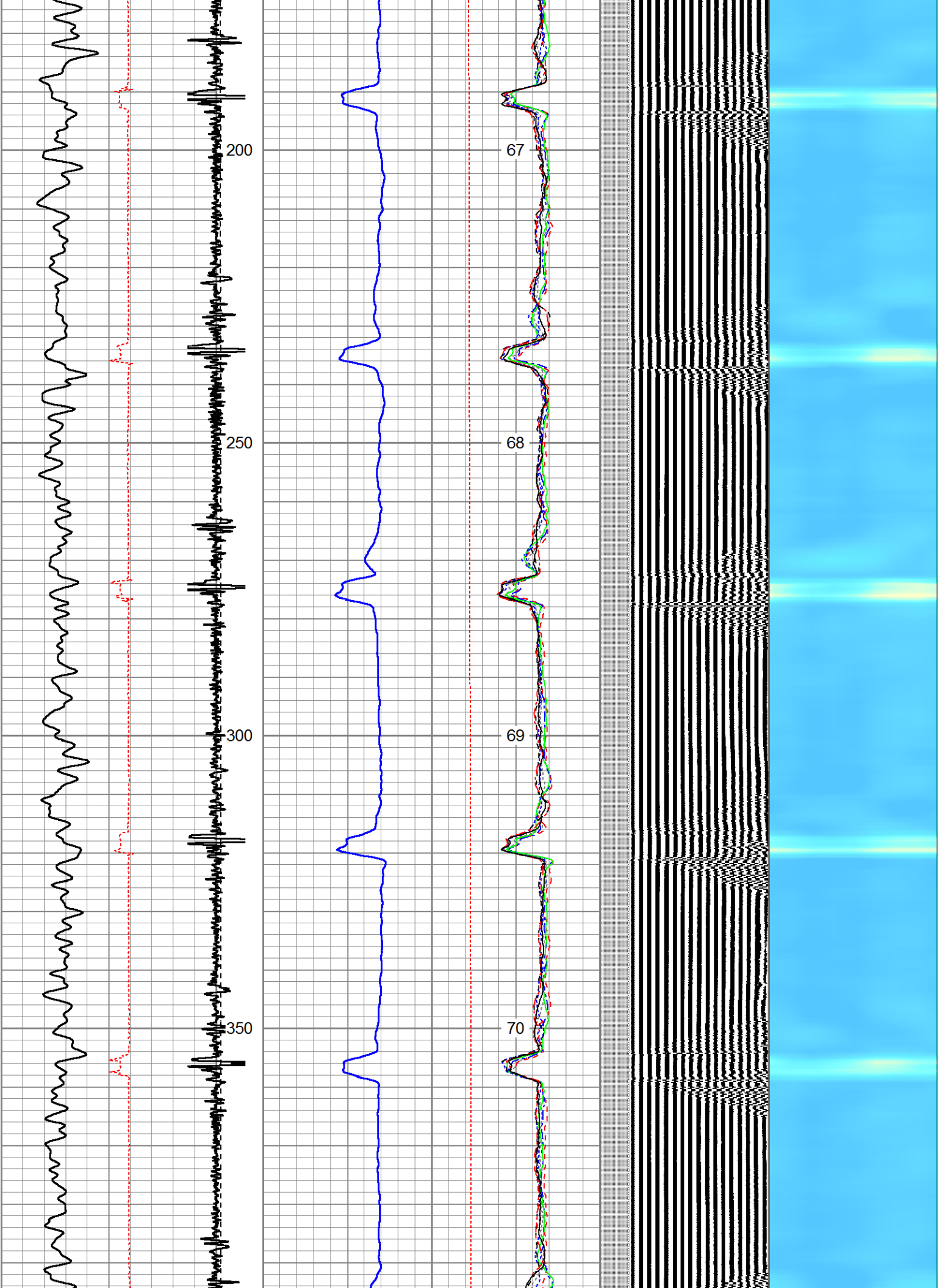
Tool Name	Start Depth (ft)	End Depth (ft)	Length (ft)	Weight (lb)	O.D. (in)
WVF3FT	9.02				
WVFS1	9.02				
WVFS2	9.02				
WVFS3	9.02				
WVFS4	9.02				
WVFS5	9.02				
WVFS6	9.02				
WVFS7	9.02				
WVFS8	9.02				
WVF5FT	8.02				
WVFCAL	4.77				
WVFSYNC	4.77				
RBT_HV	4.77				
ACCX	4.77				
ACCY	4.77				
ACCZ	4.77				
CCL	3.92				
GCT_Temp	3.17				
GR	2.42				
<p>RBT8acc-Probe275acc (FW1905-150) 2.75" Radial Corrosion with accelerometer</p>					
<p>GR-GCT (FW1905-206) Gamma Corrosion Temperature</p>					
<p>Dataset: 70 ranch 10-18-3l.db: field/well/run1/pass8  Total Length: 14.97 ft  Total Weight: 155.00 lb  O.D.: 2.75 in</p>					

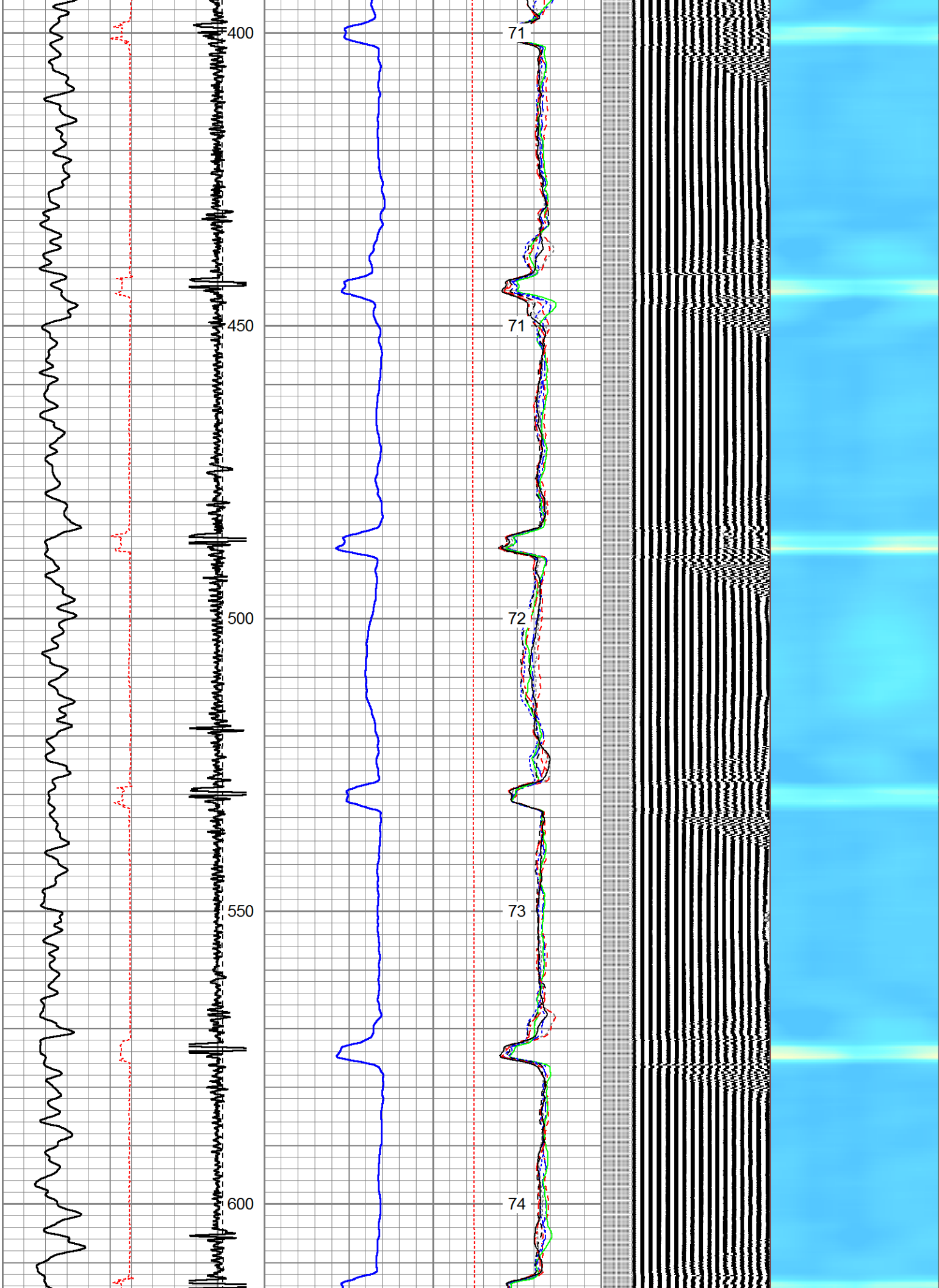
Charted by:

Depth in Feet scaled 1:240

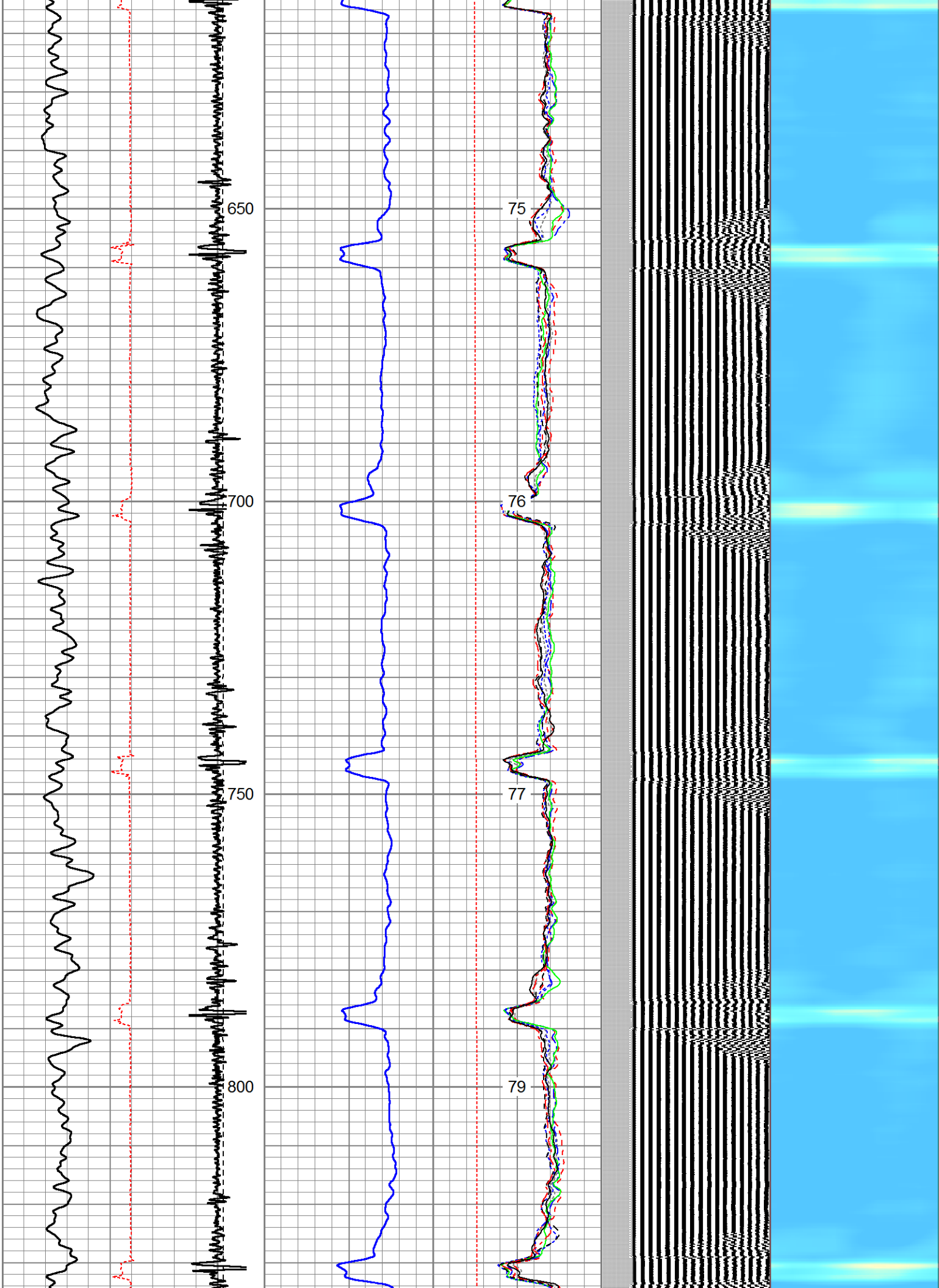
325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200	(lb)	0	Amplified Amplitude		-5	AMPS3	150				1
			CCL	000	(mV)	10	-5	AMPS4	150				
							-5	AMPS5	150				
							-5	AMPS6	150				
							-5	AMPS7	150				
							-5	AMPS8	150				
							-5	AMPS1	150				
								GCT_Temp					
							0	(degF)	300				
								GCT_Temp					
								(degF)					

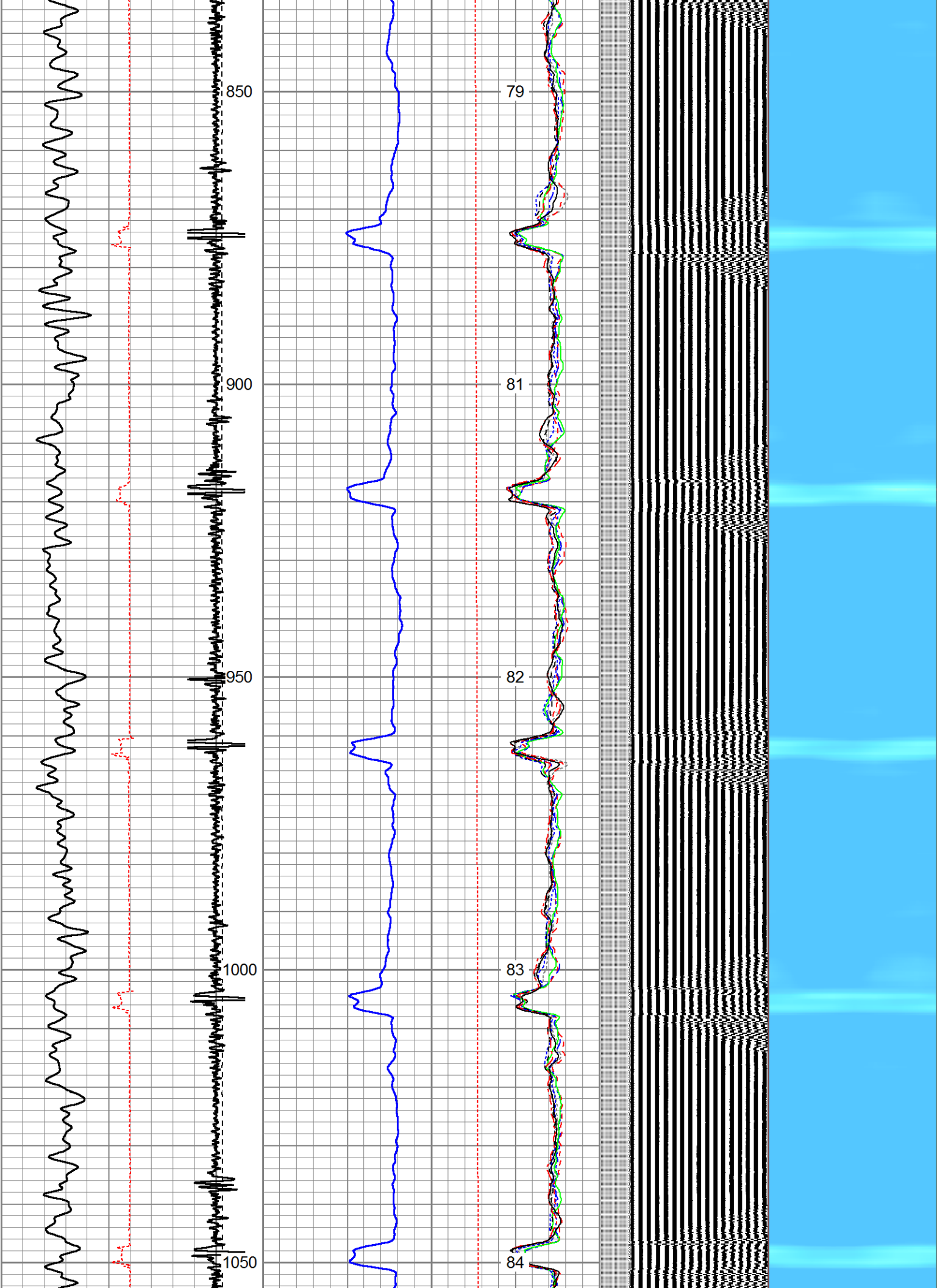


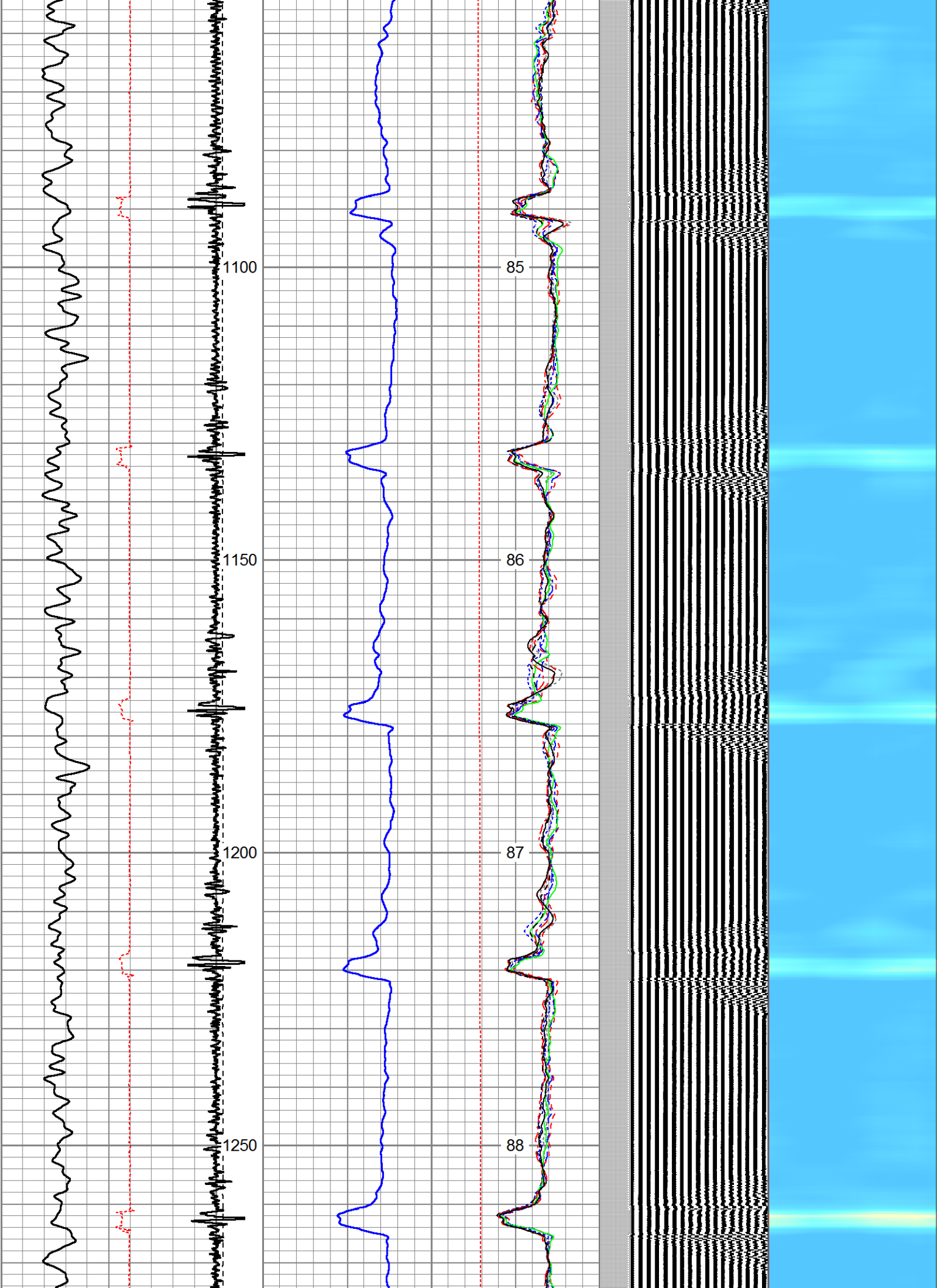




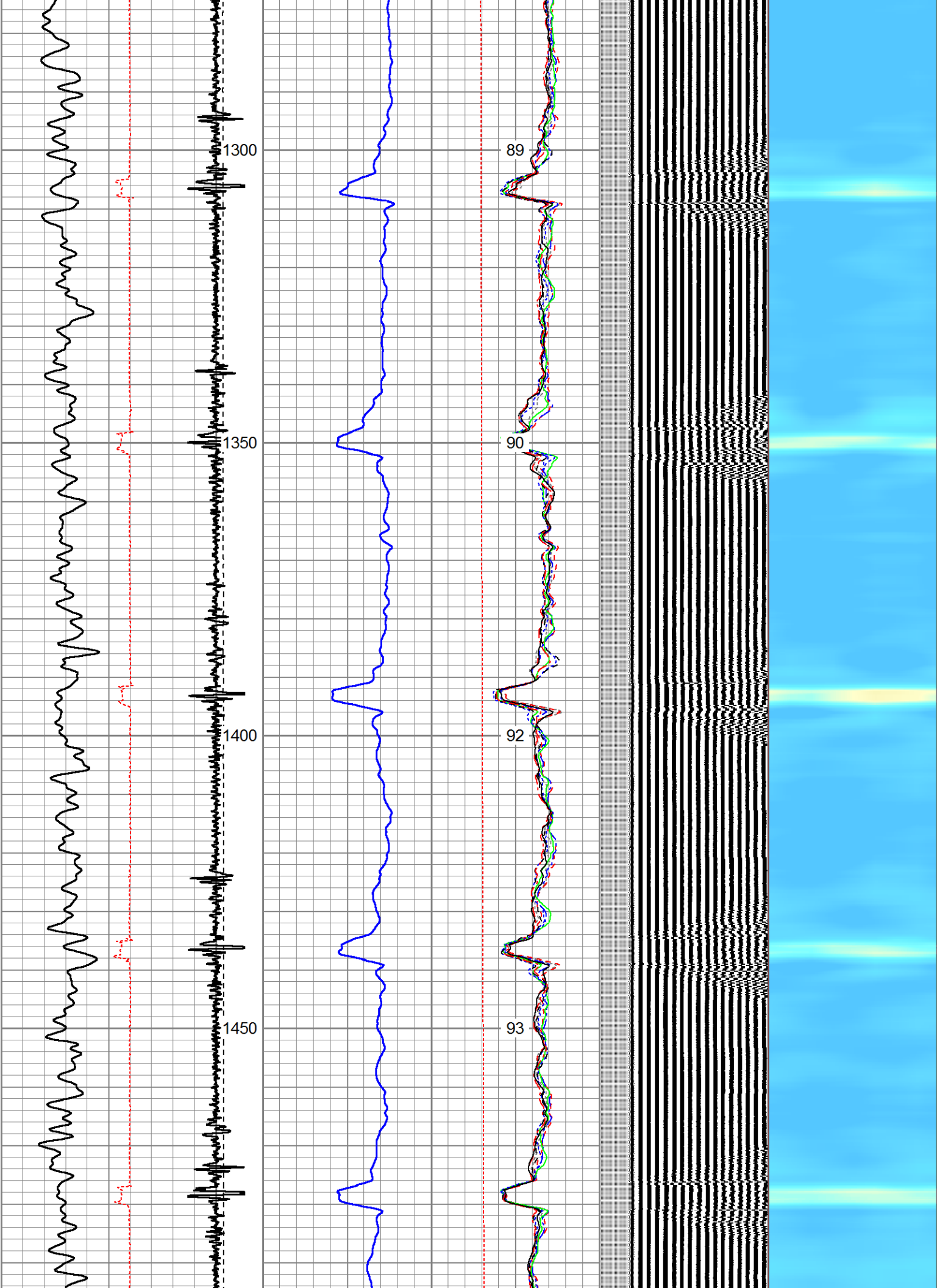


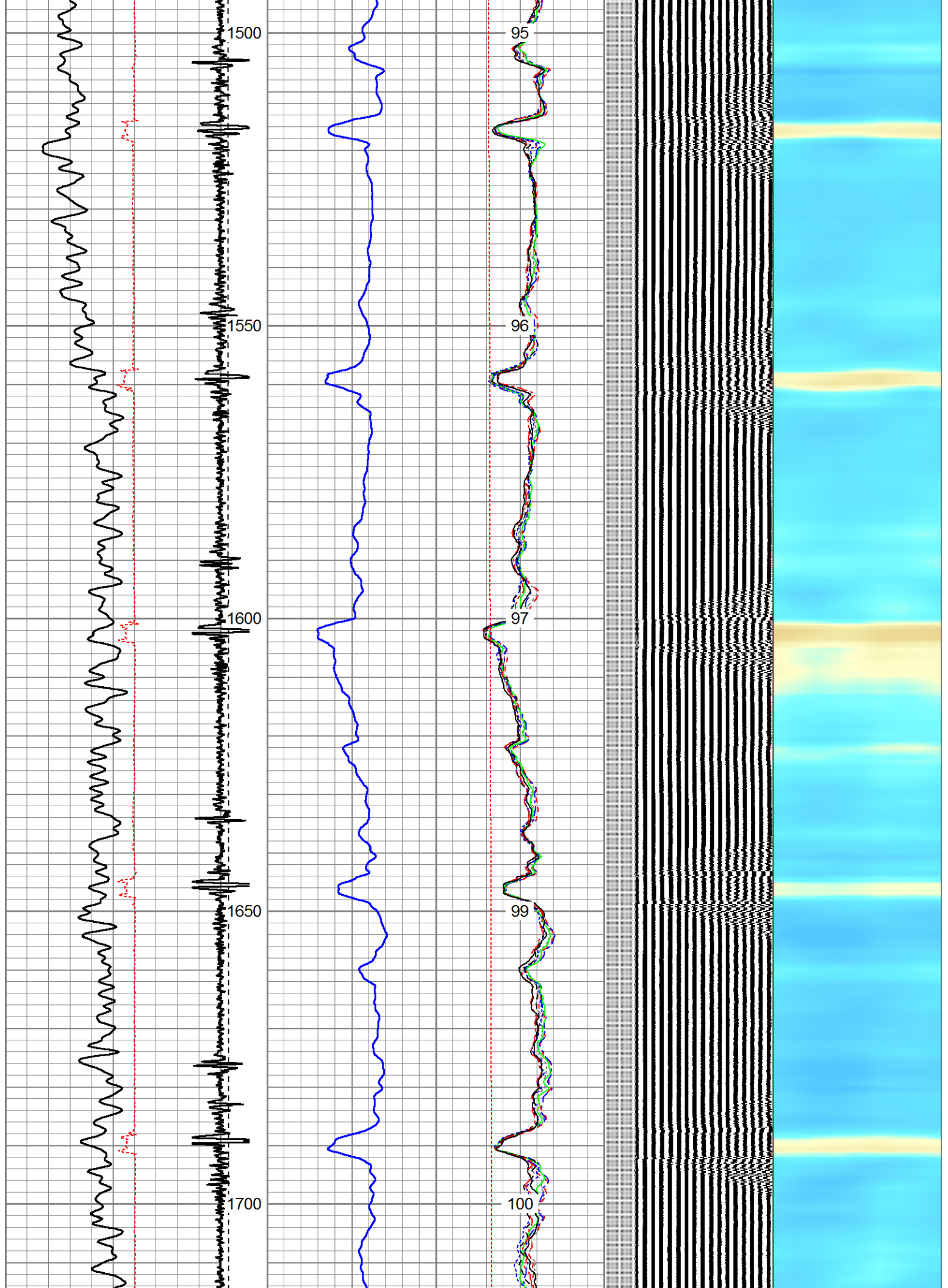


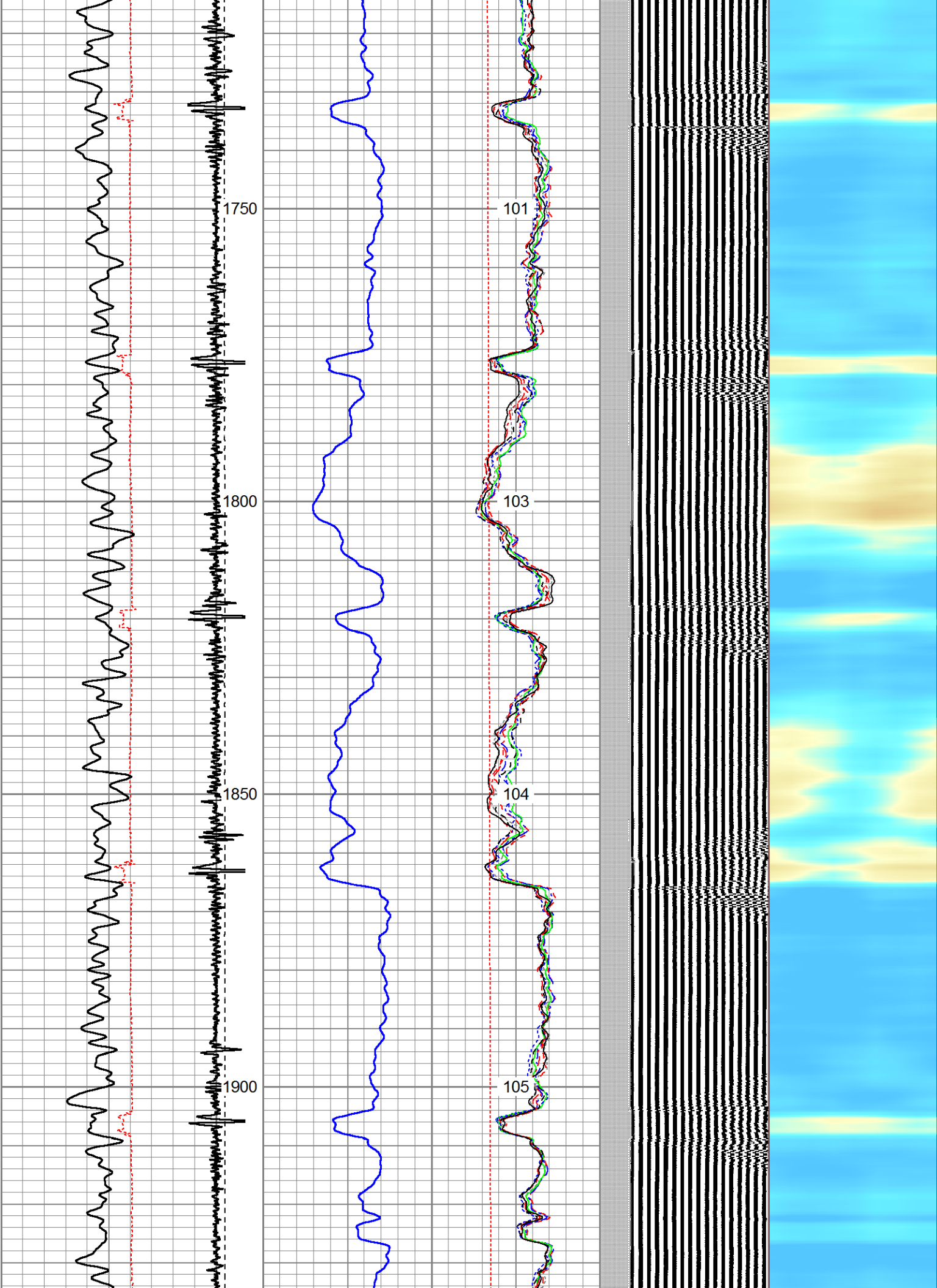


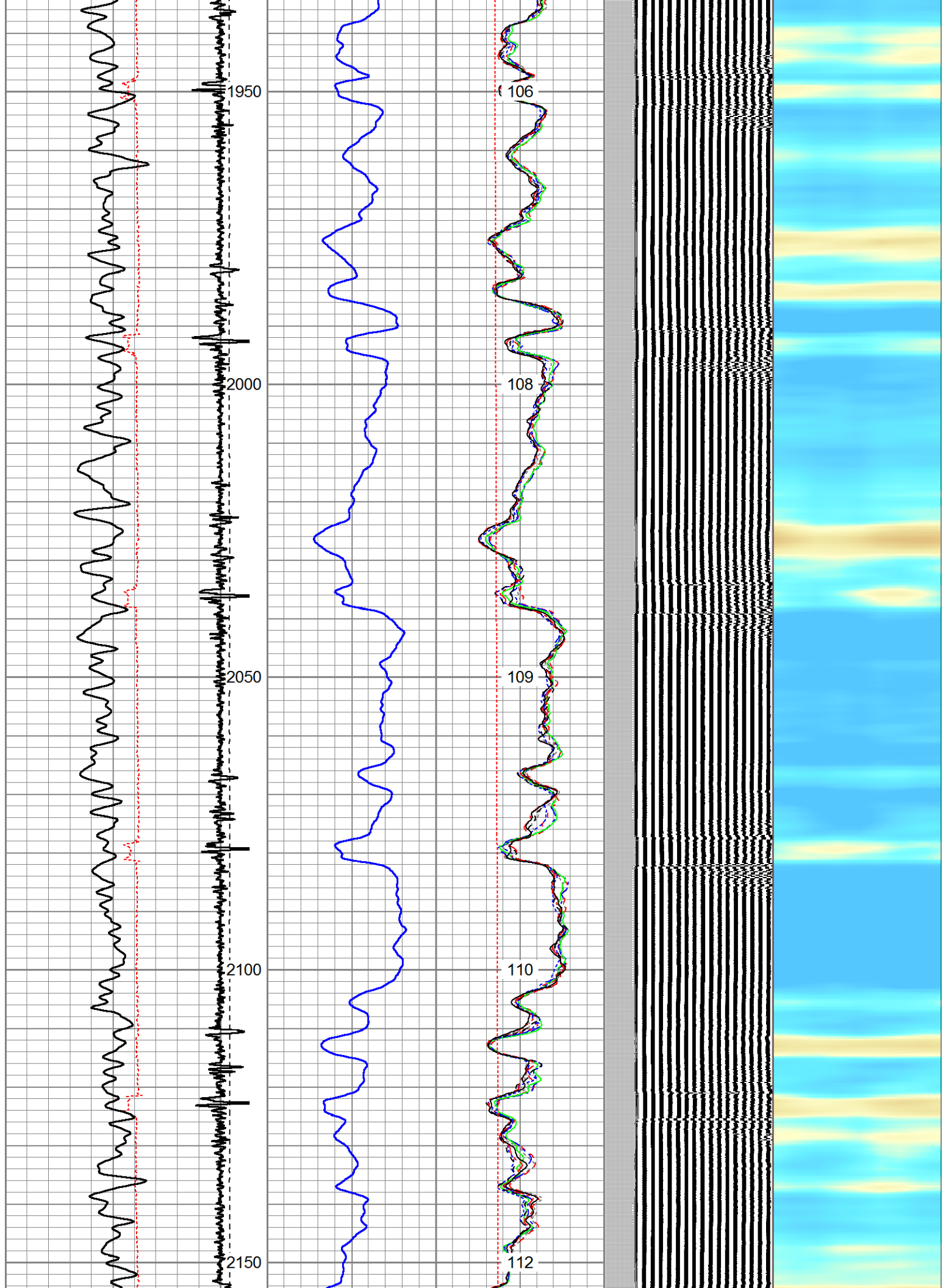




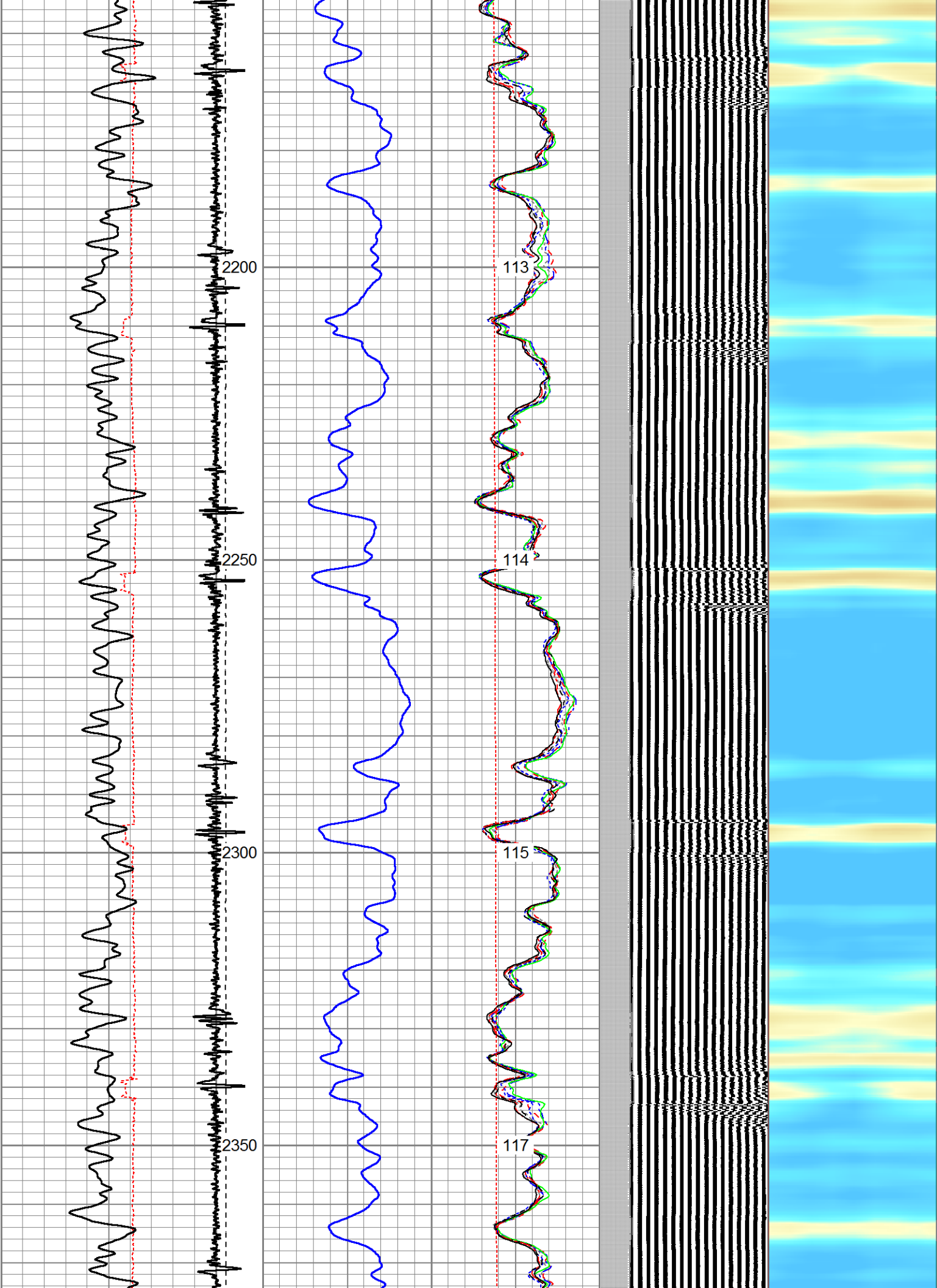




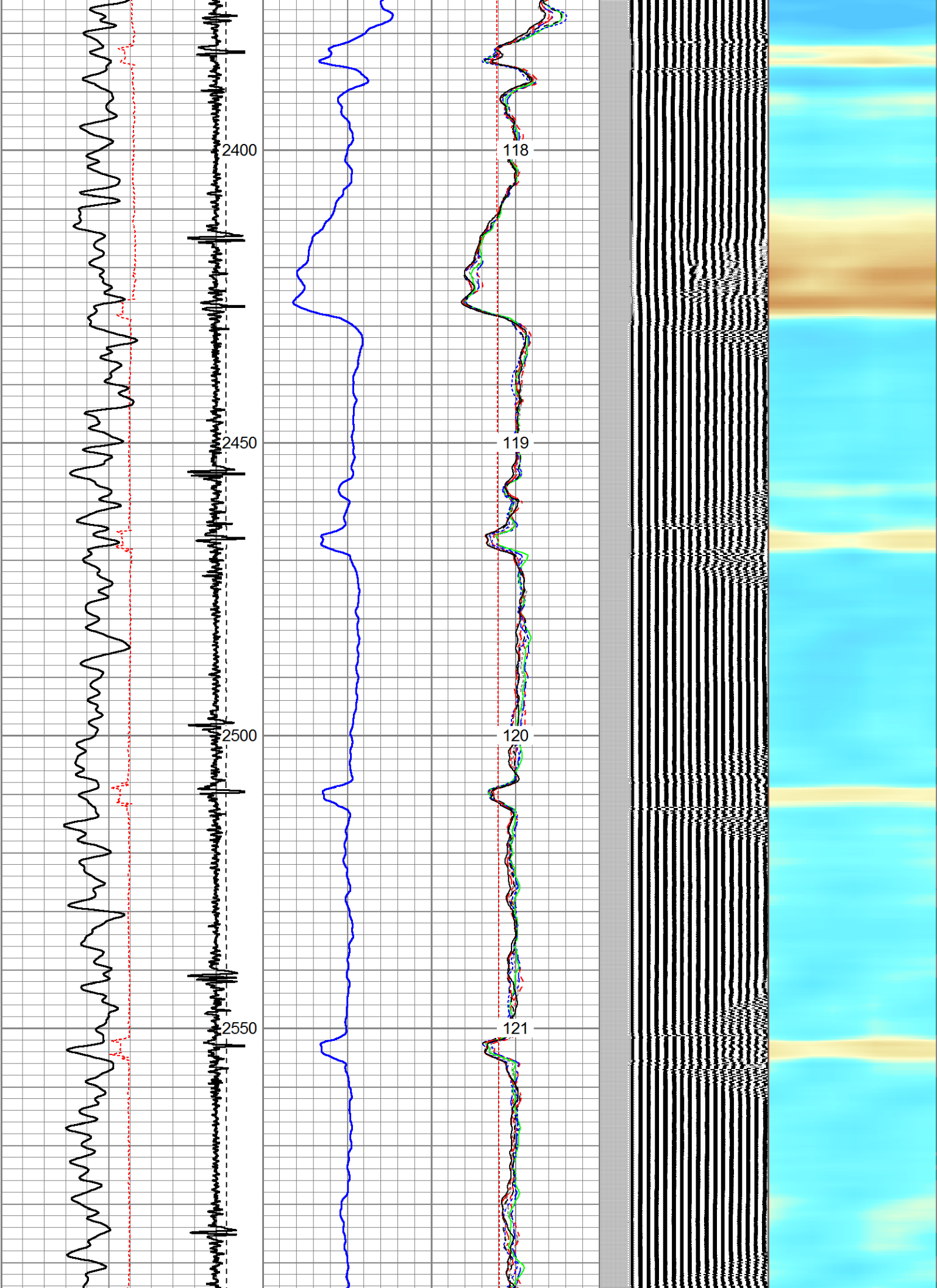


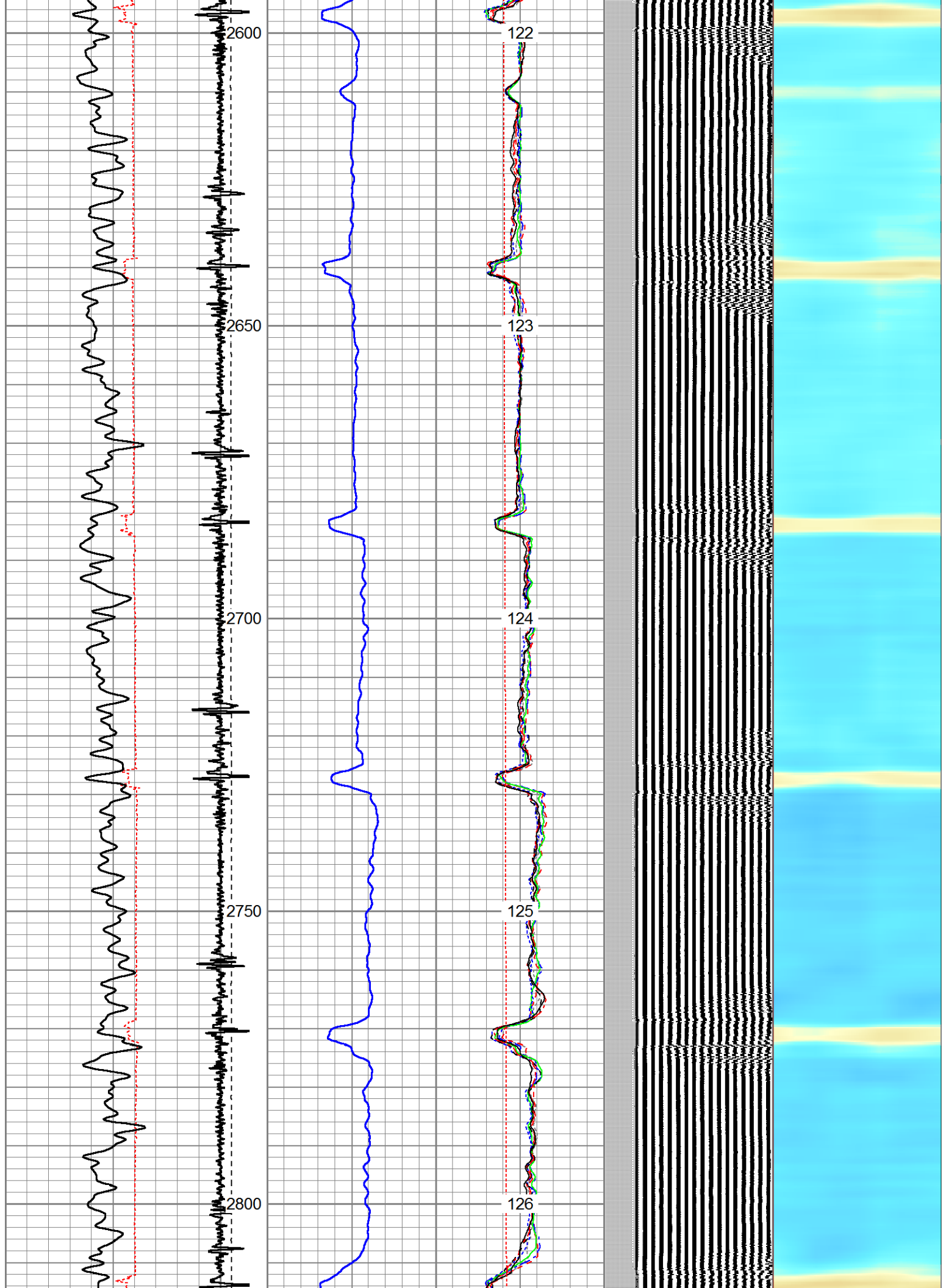


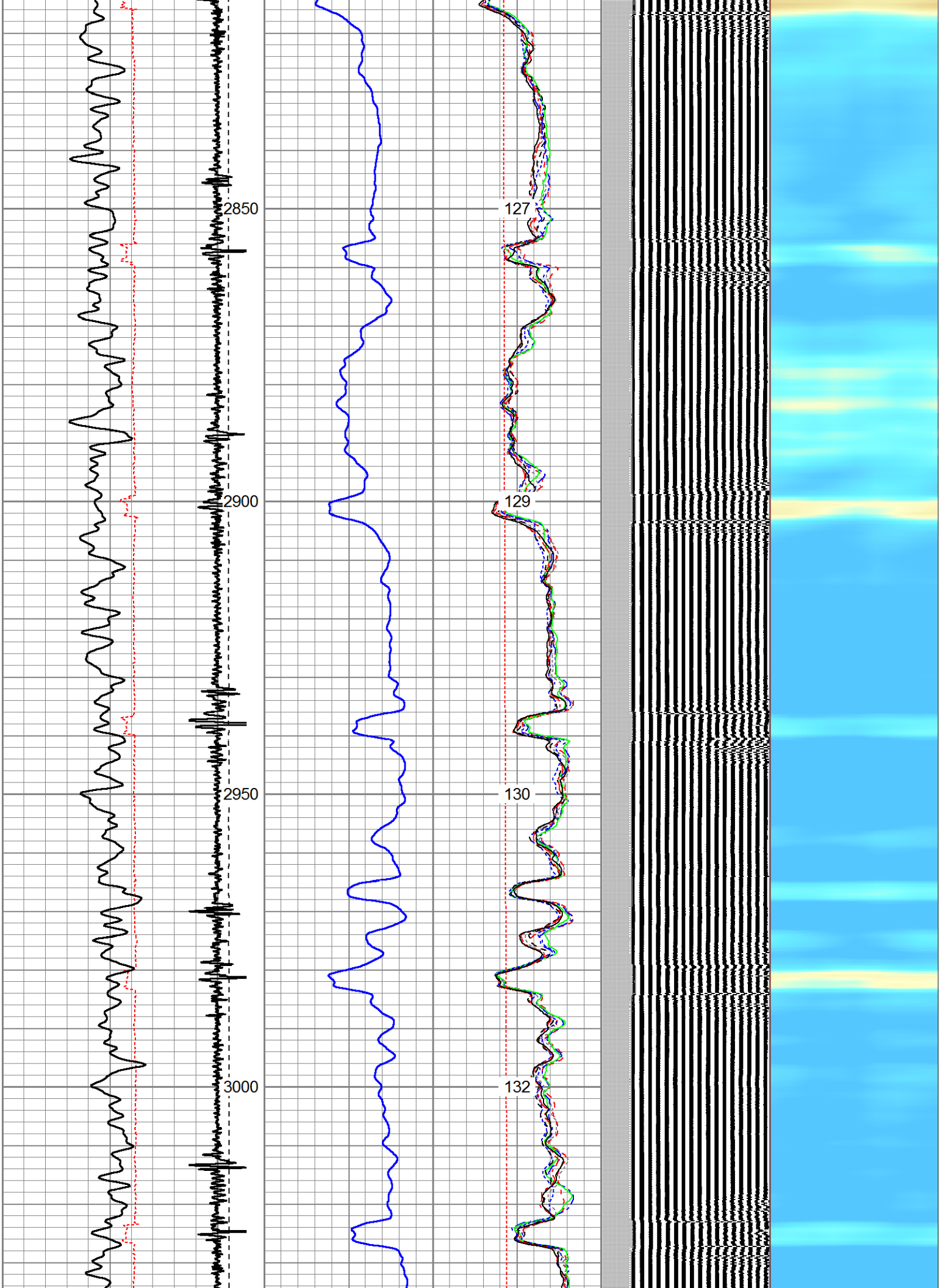


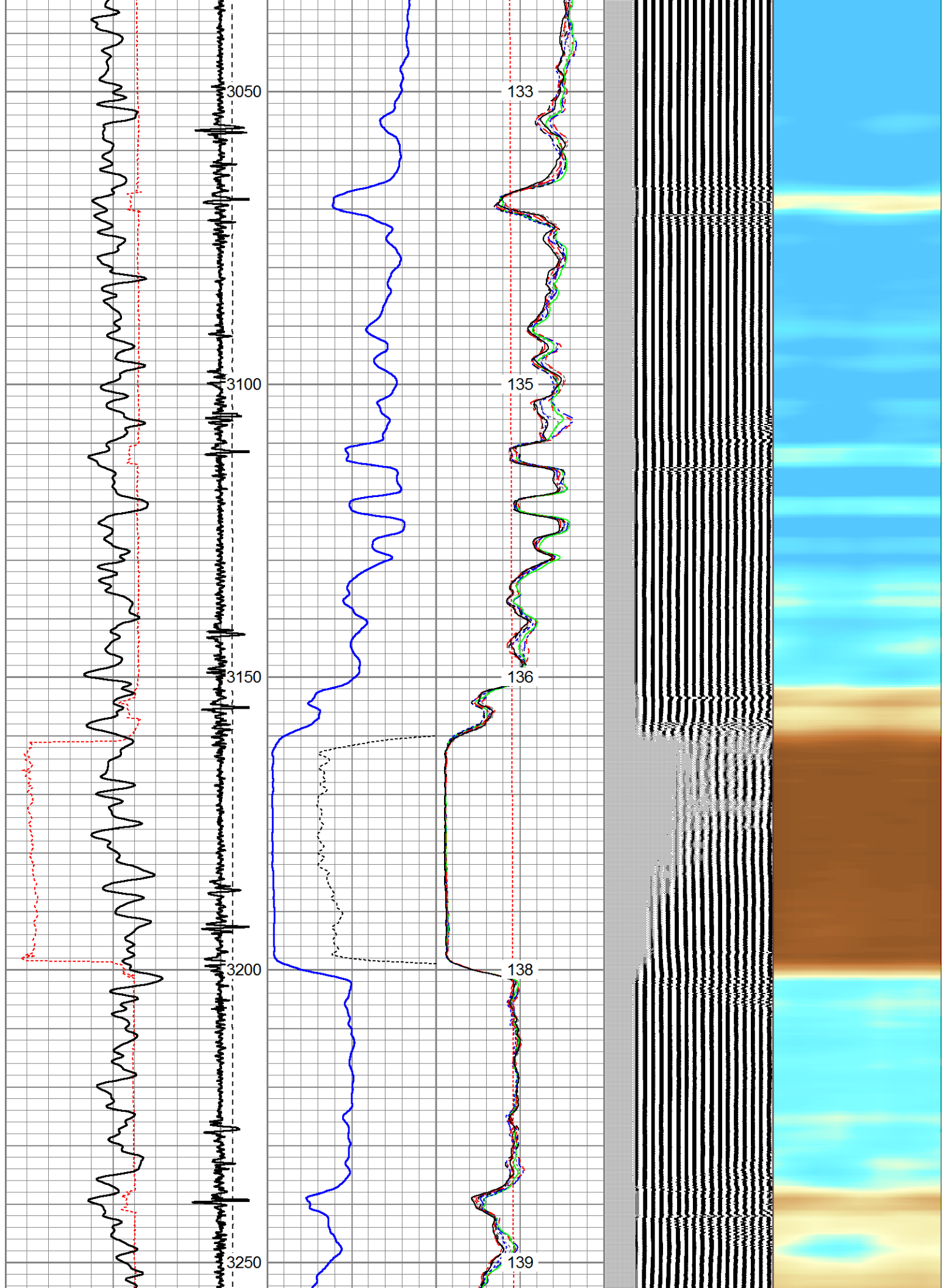




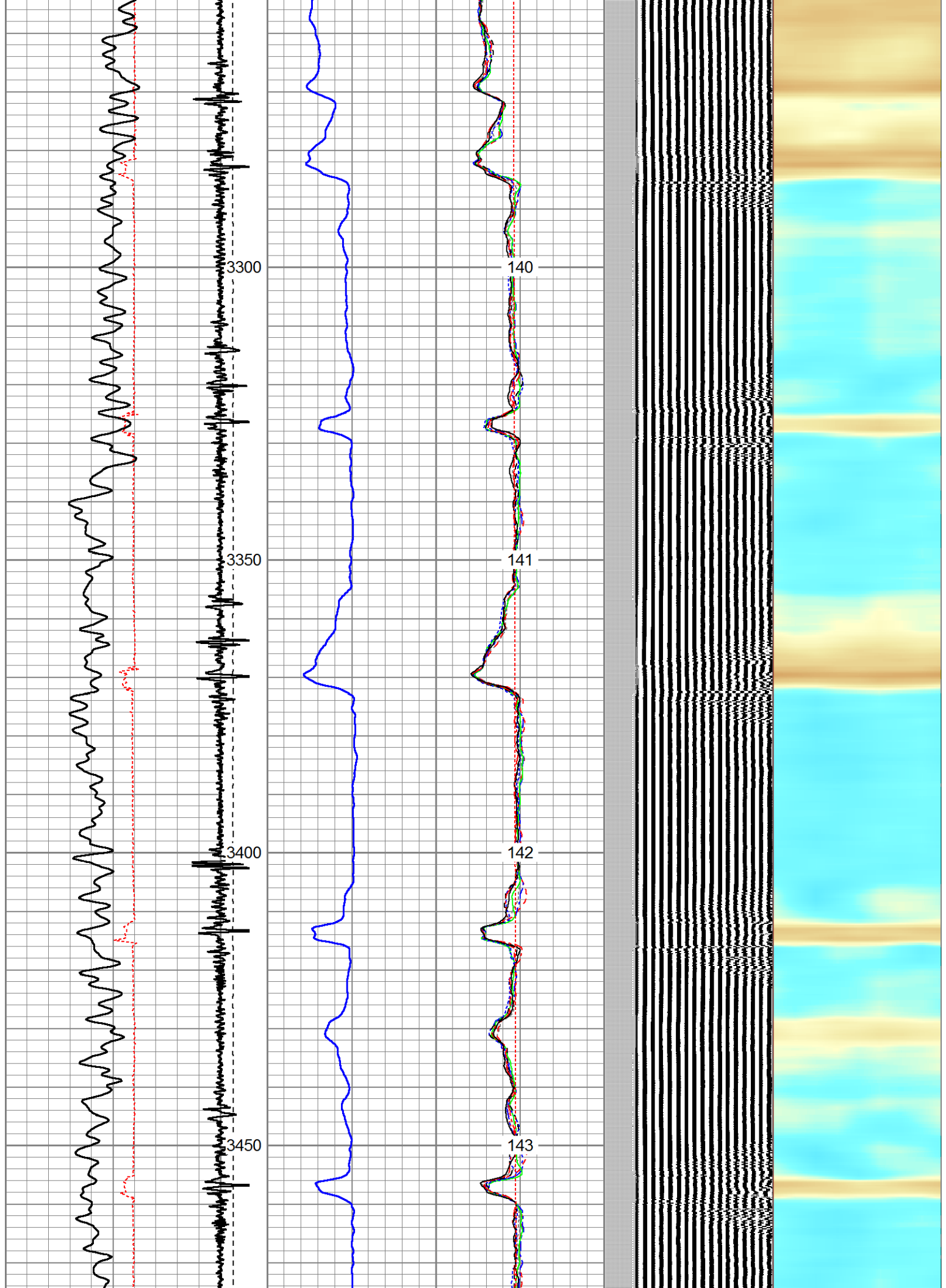




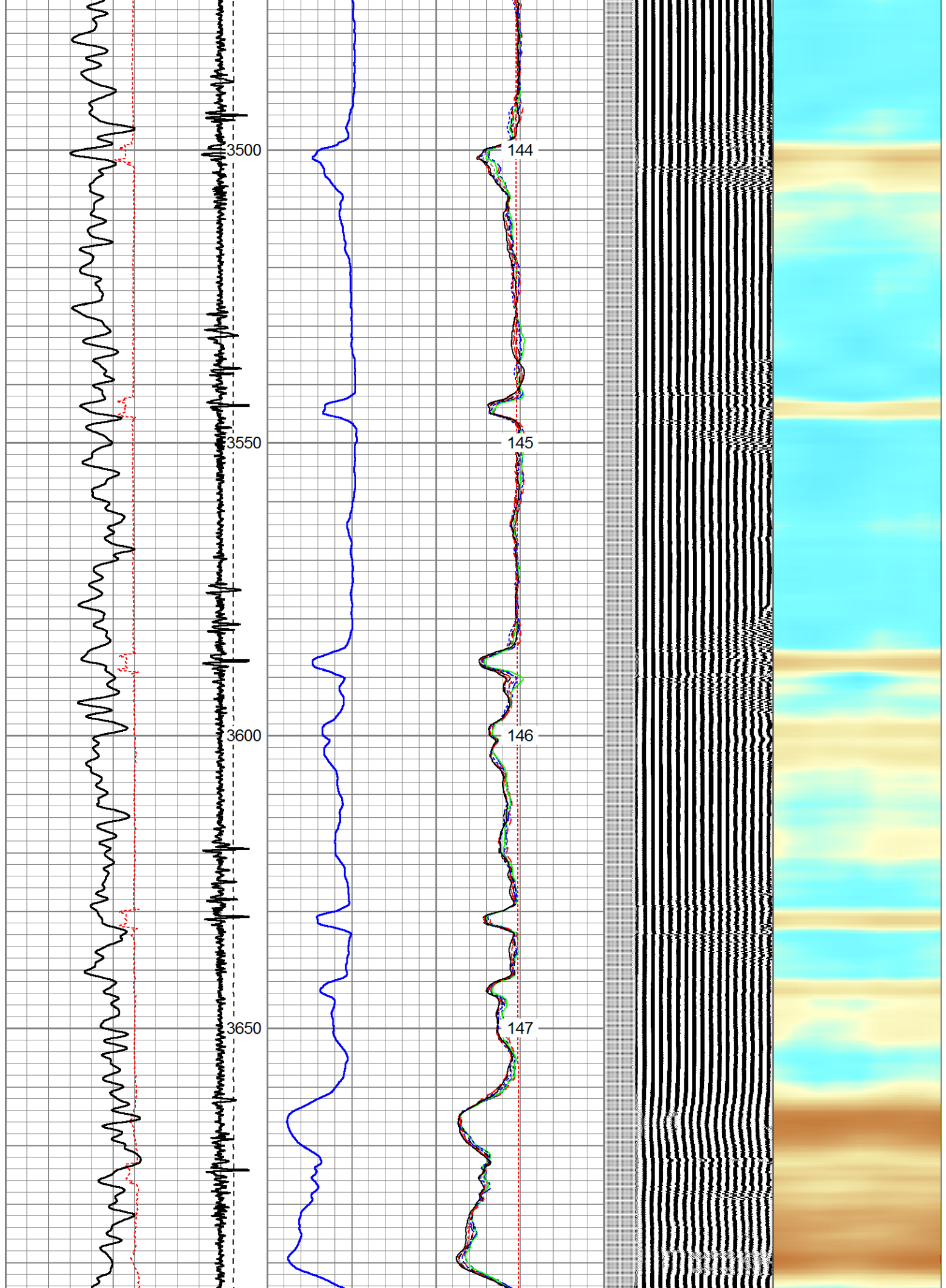


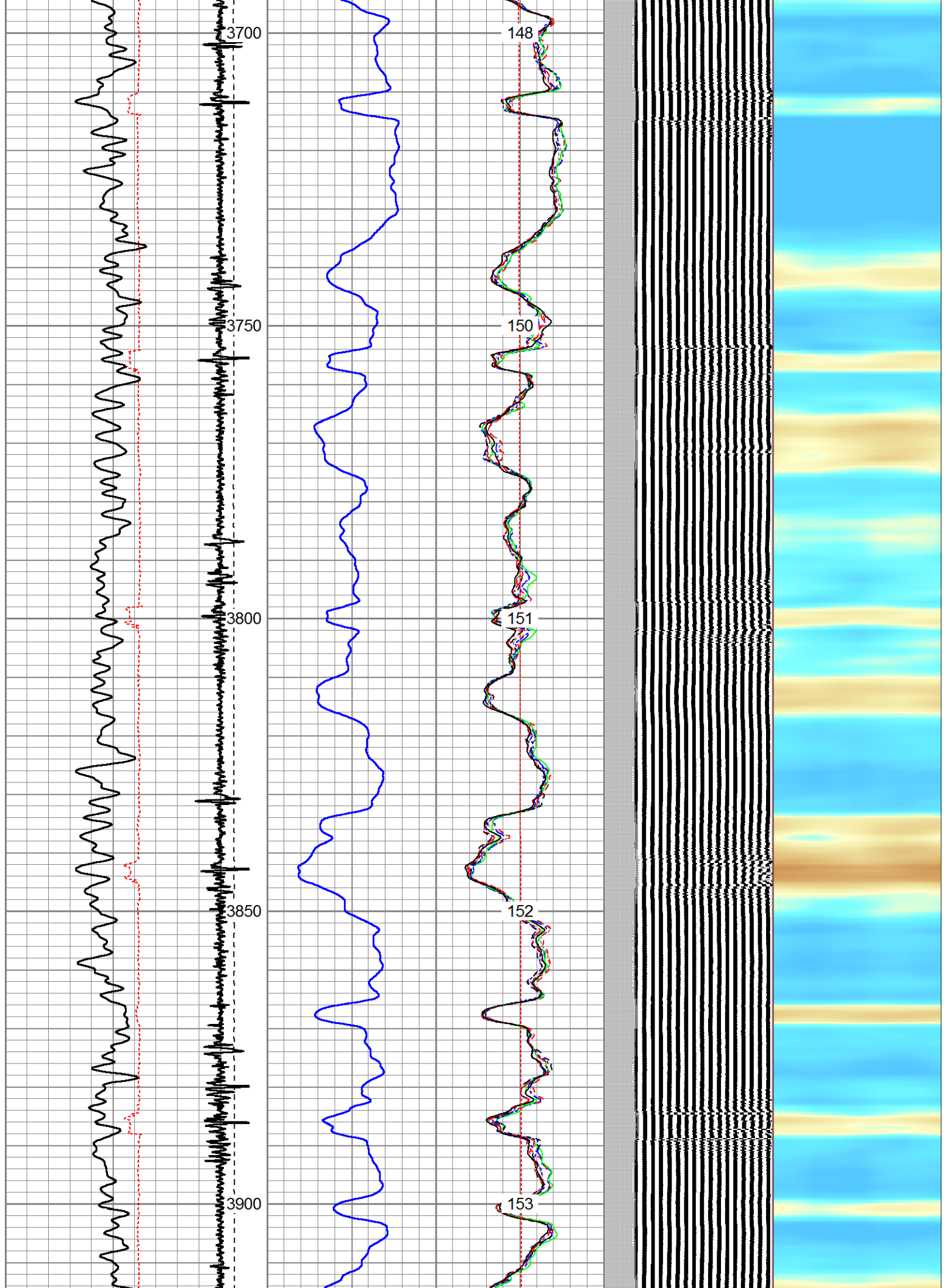


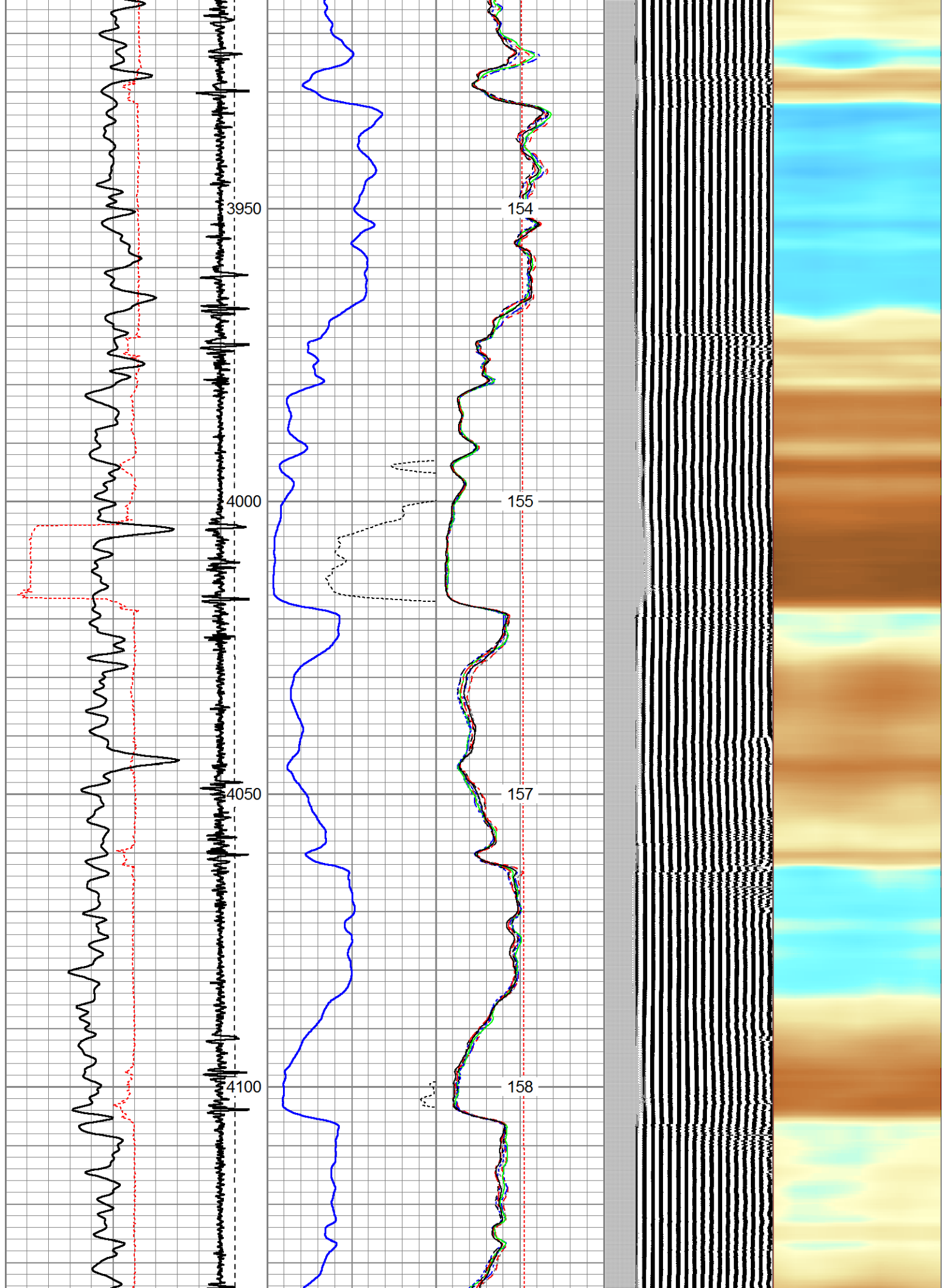


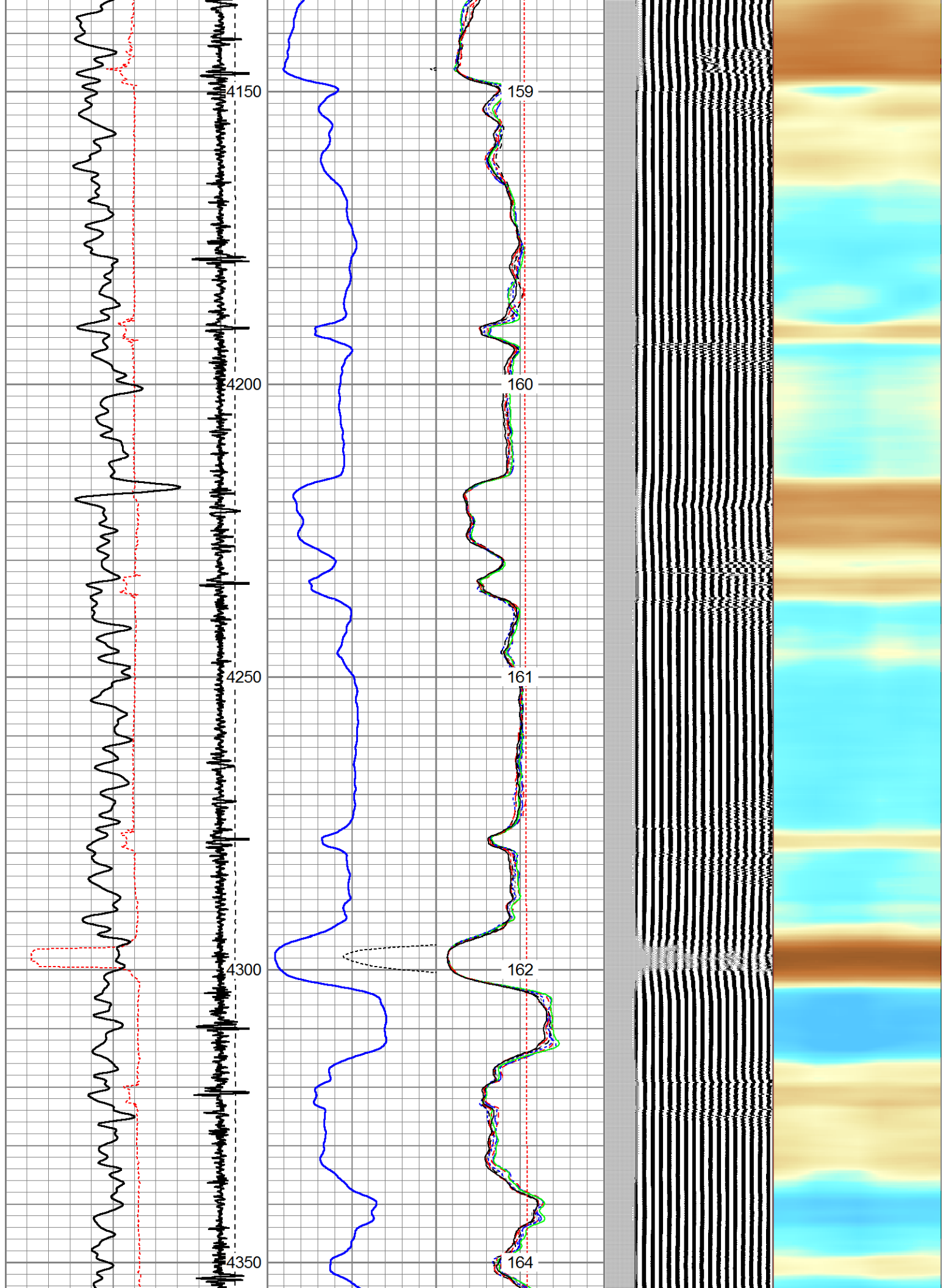




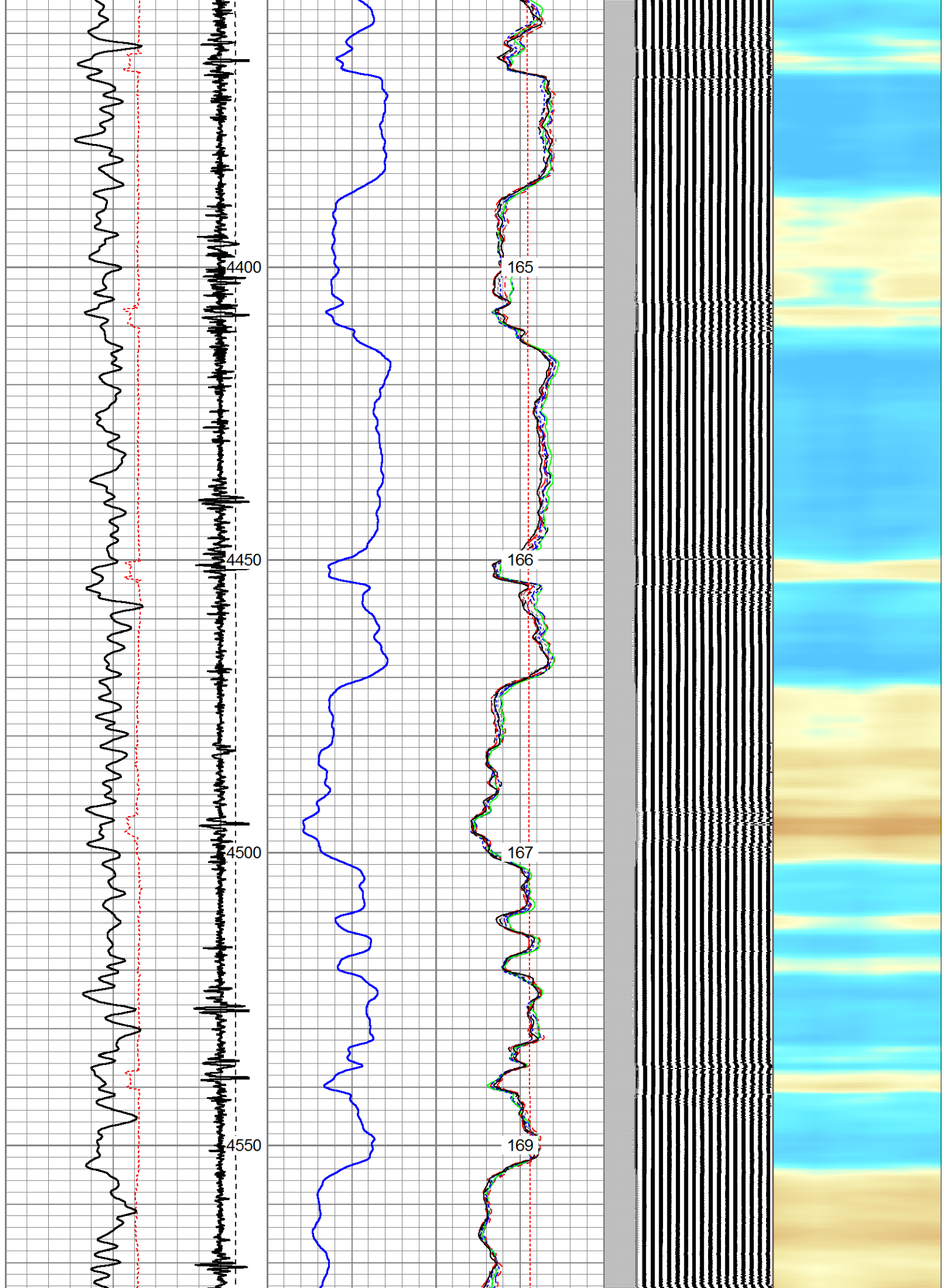




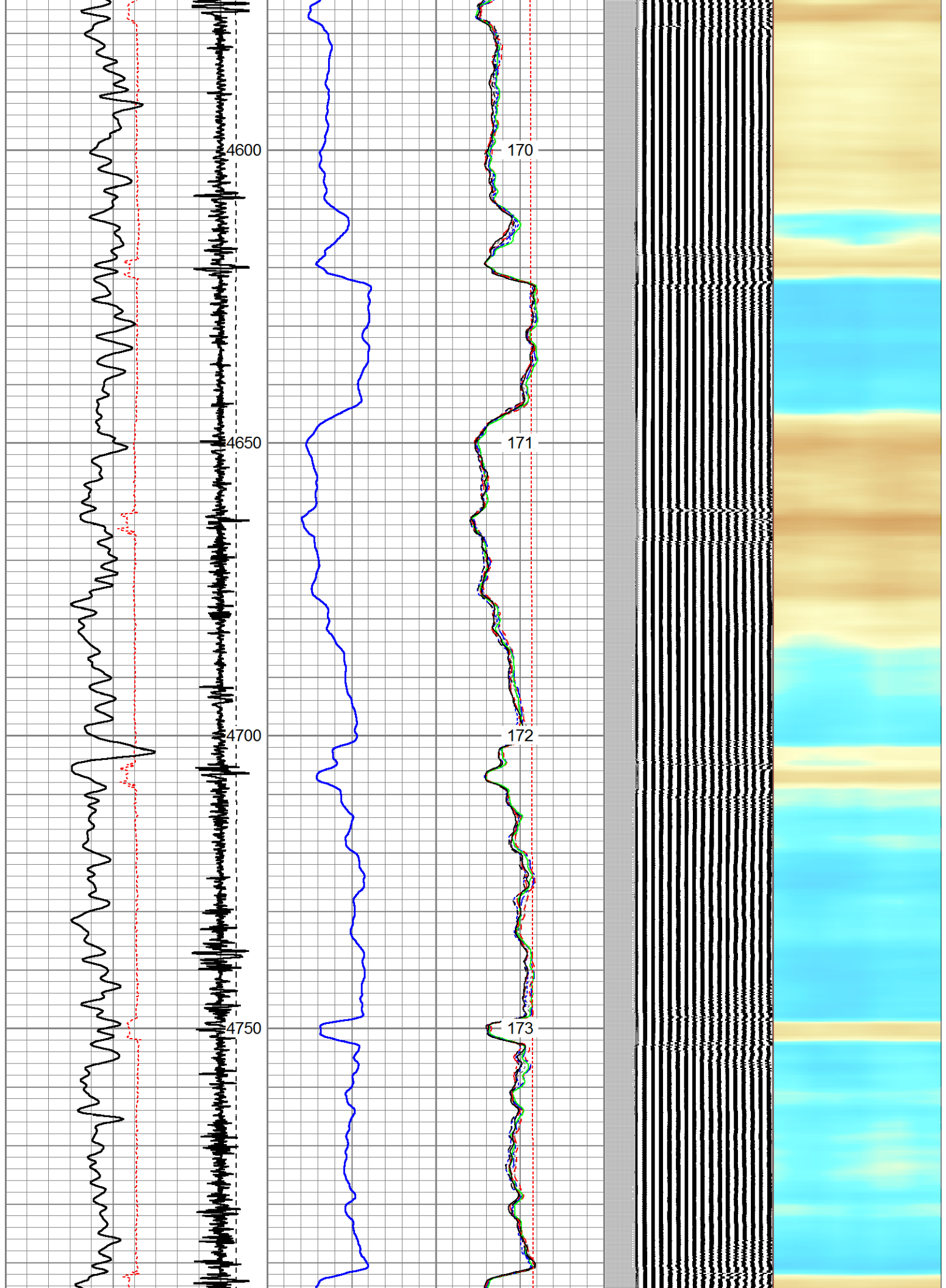


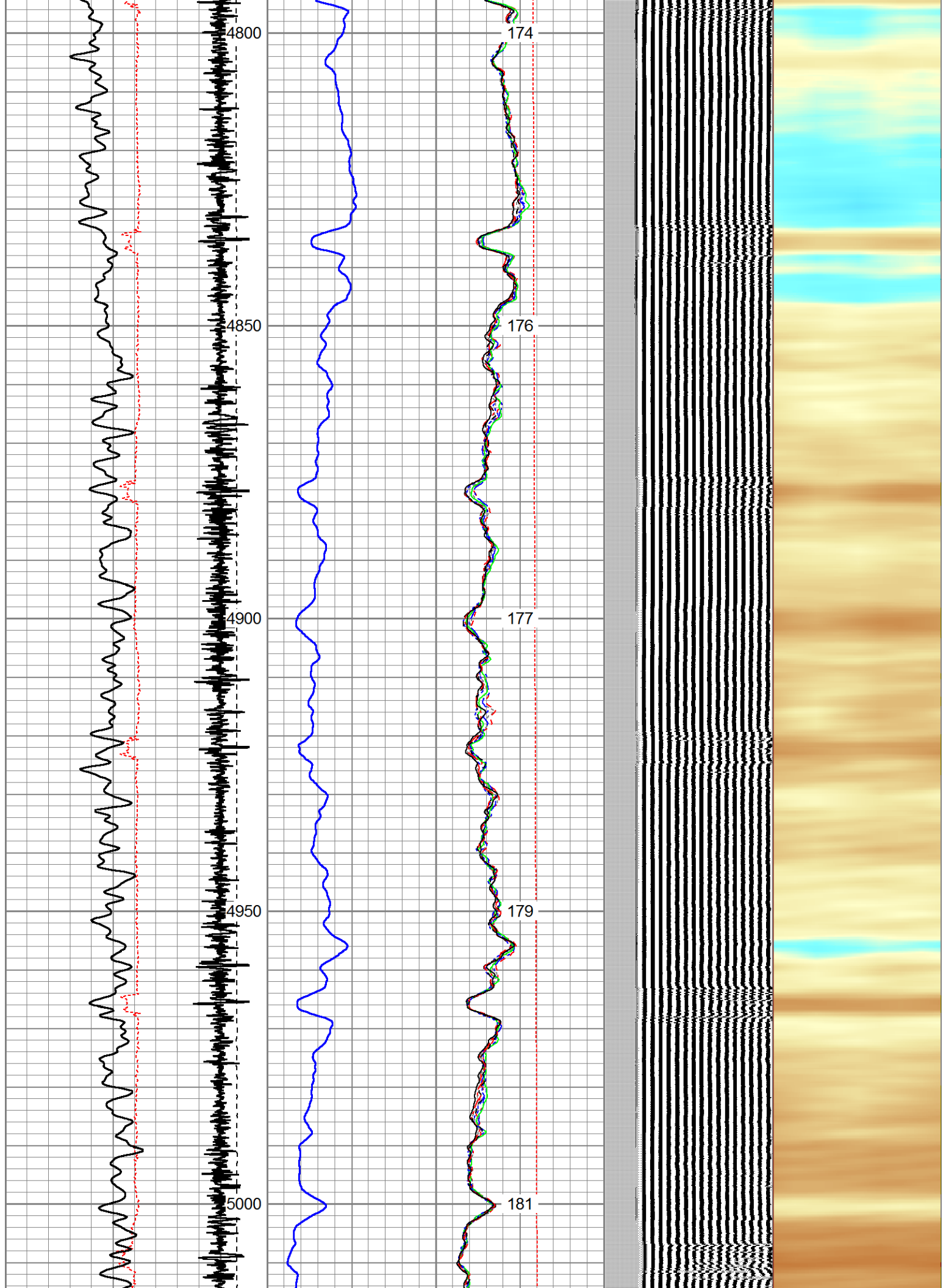


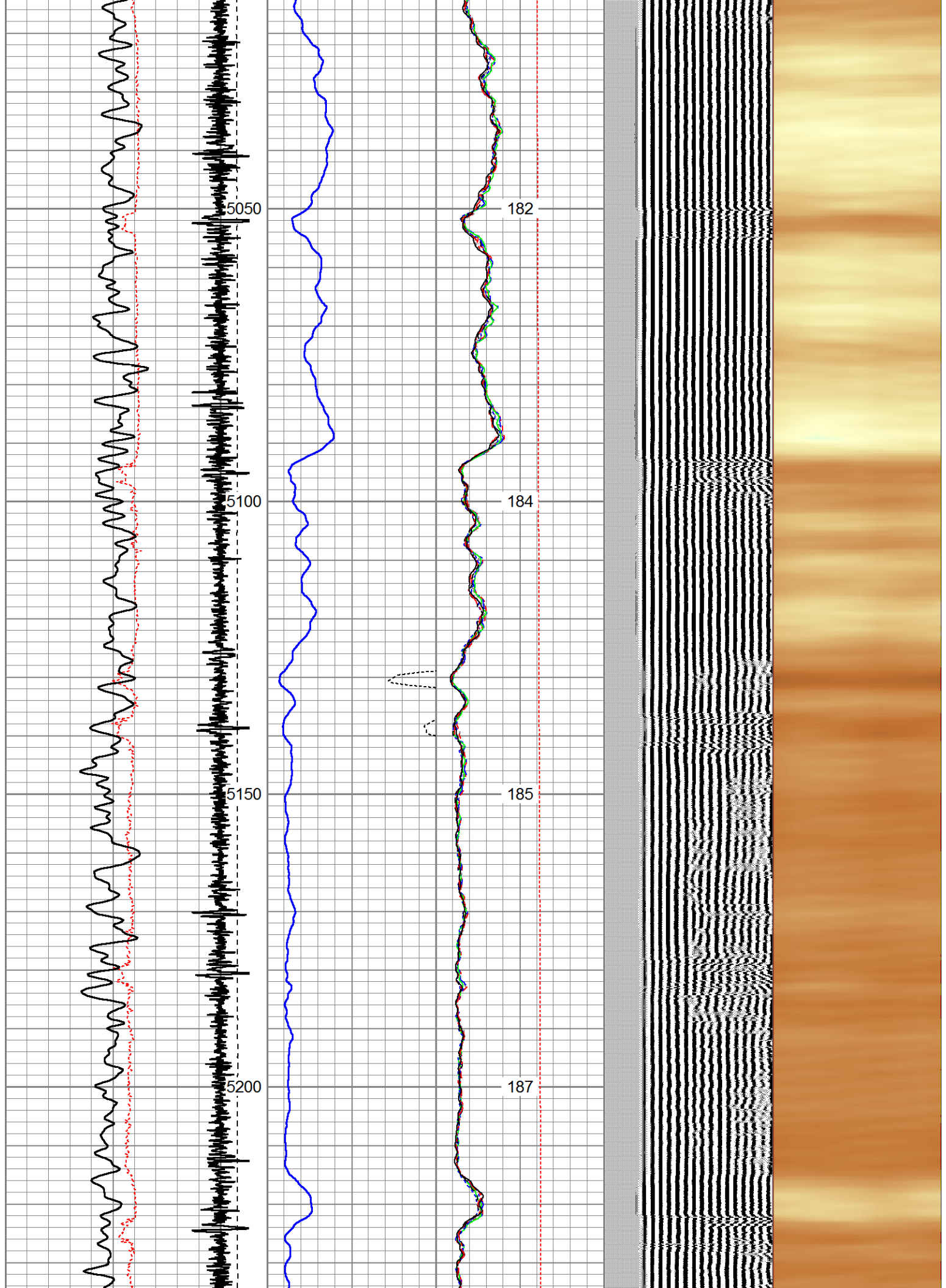




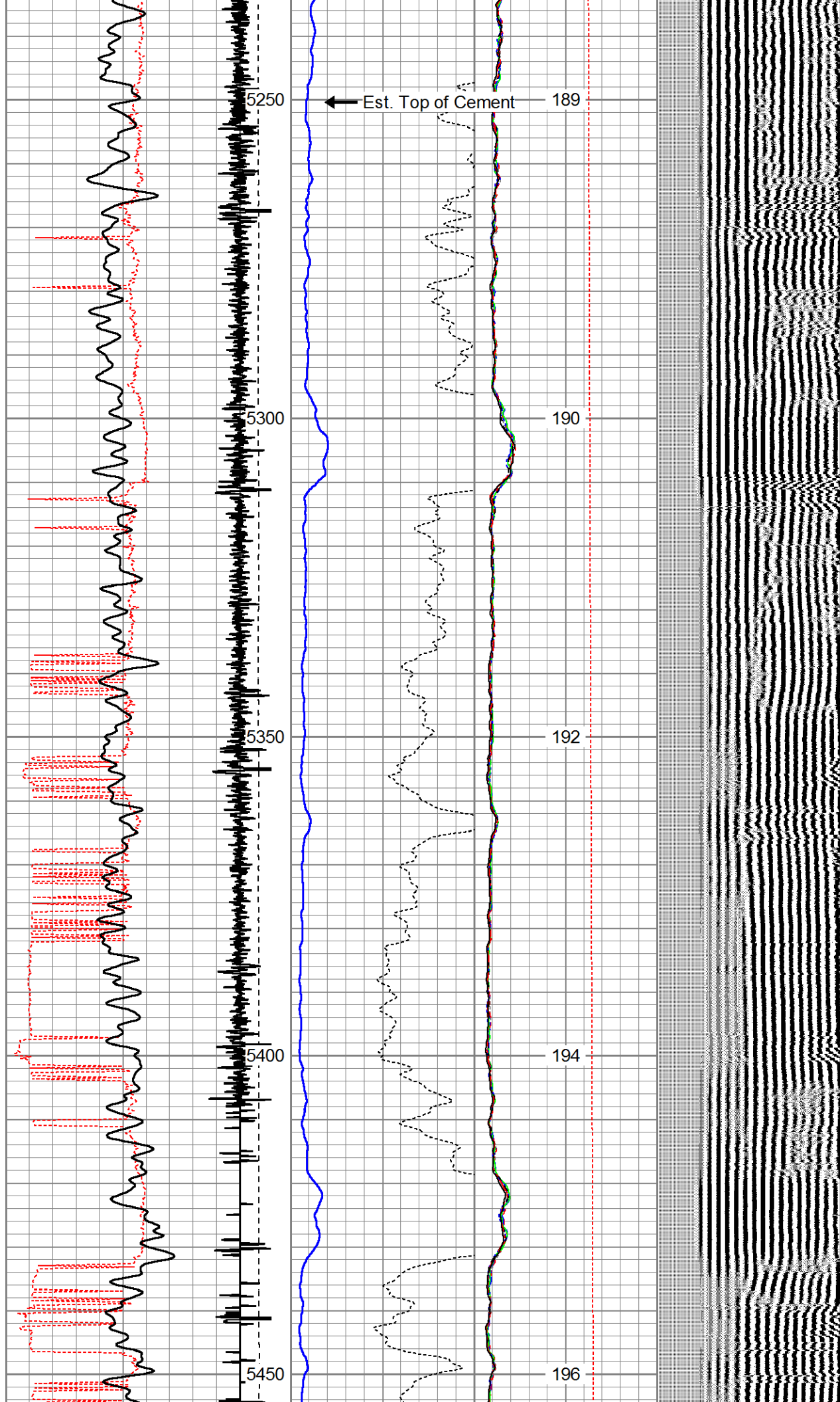


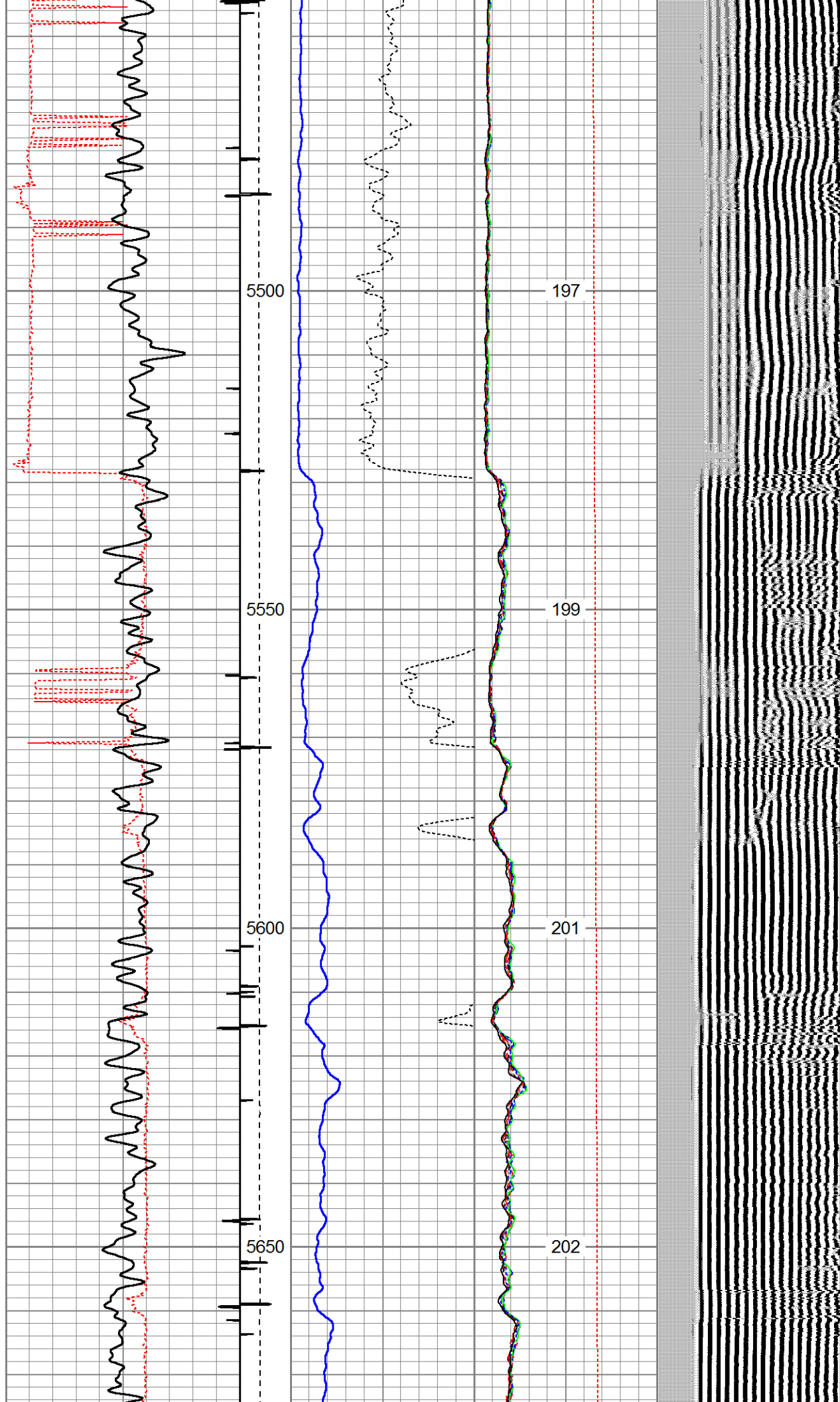




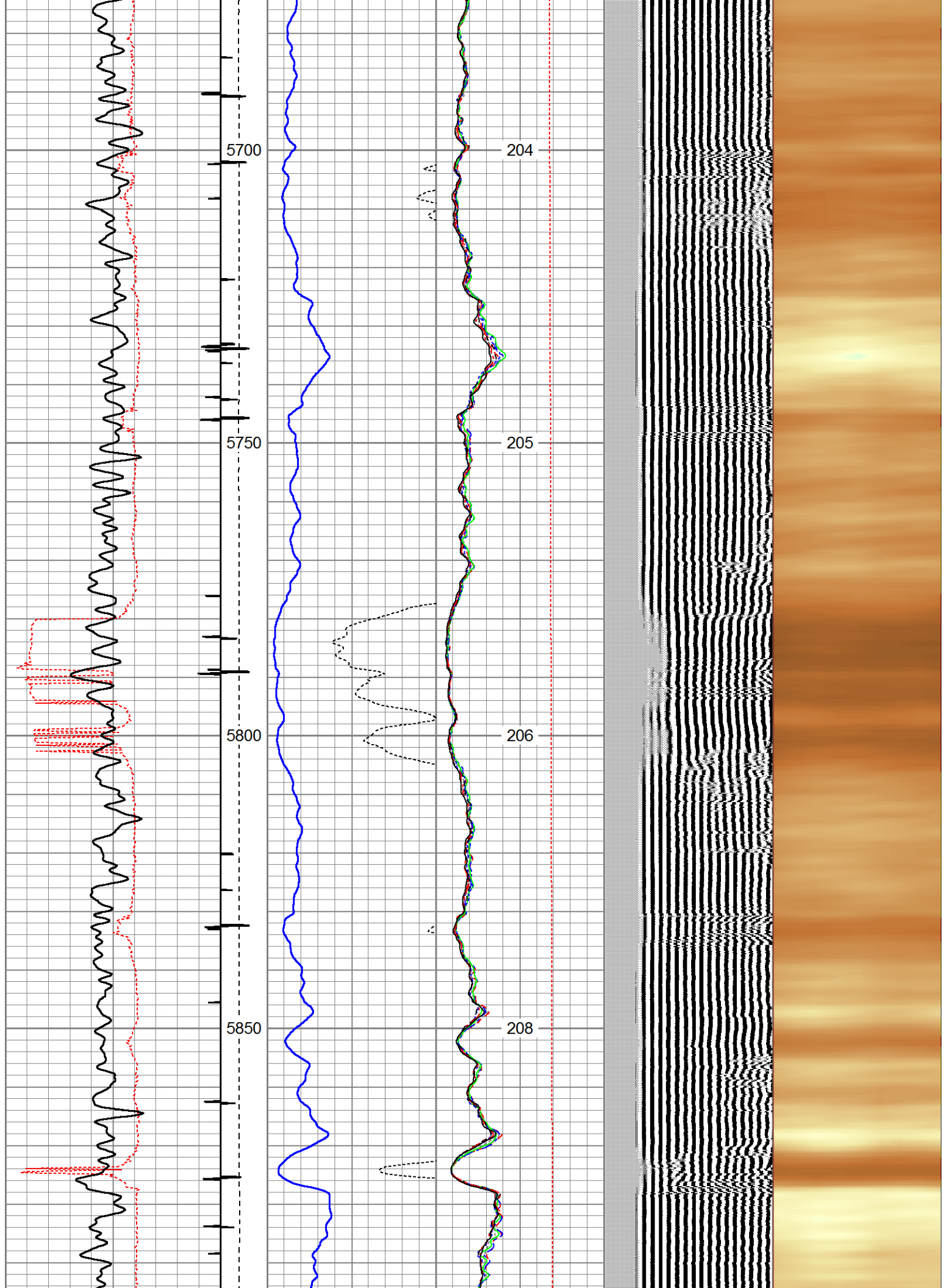


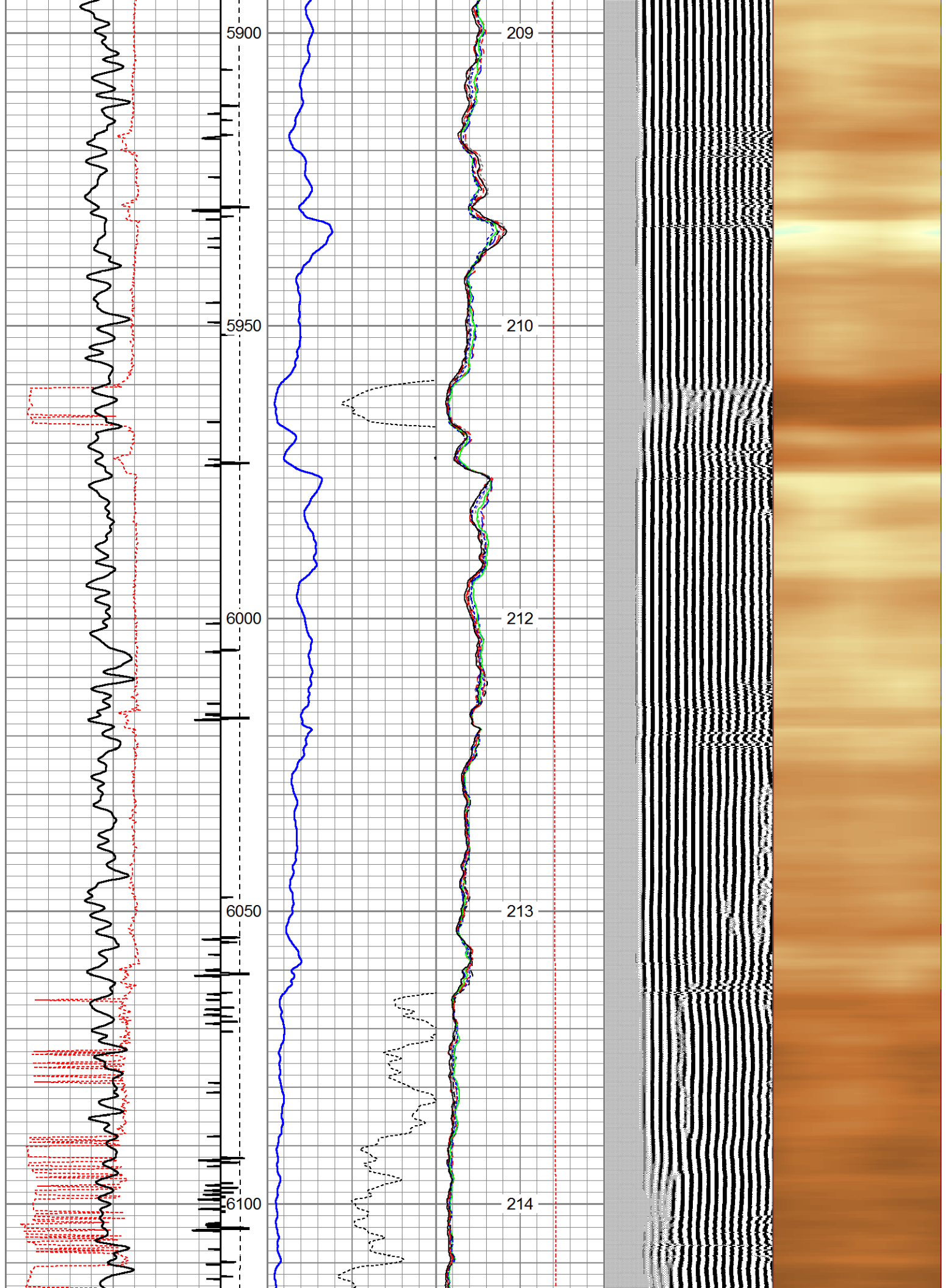


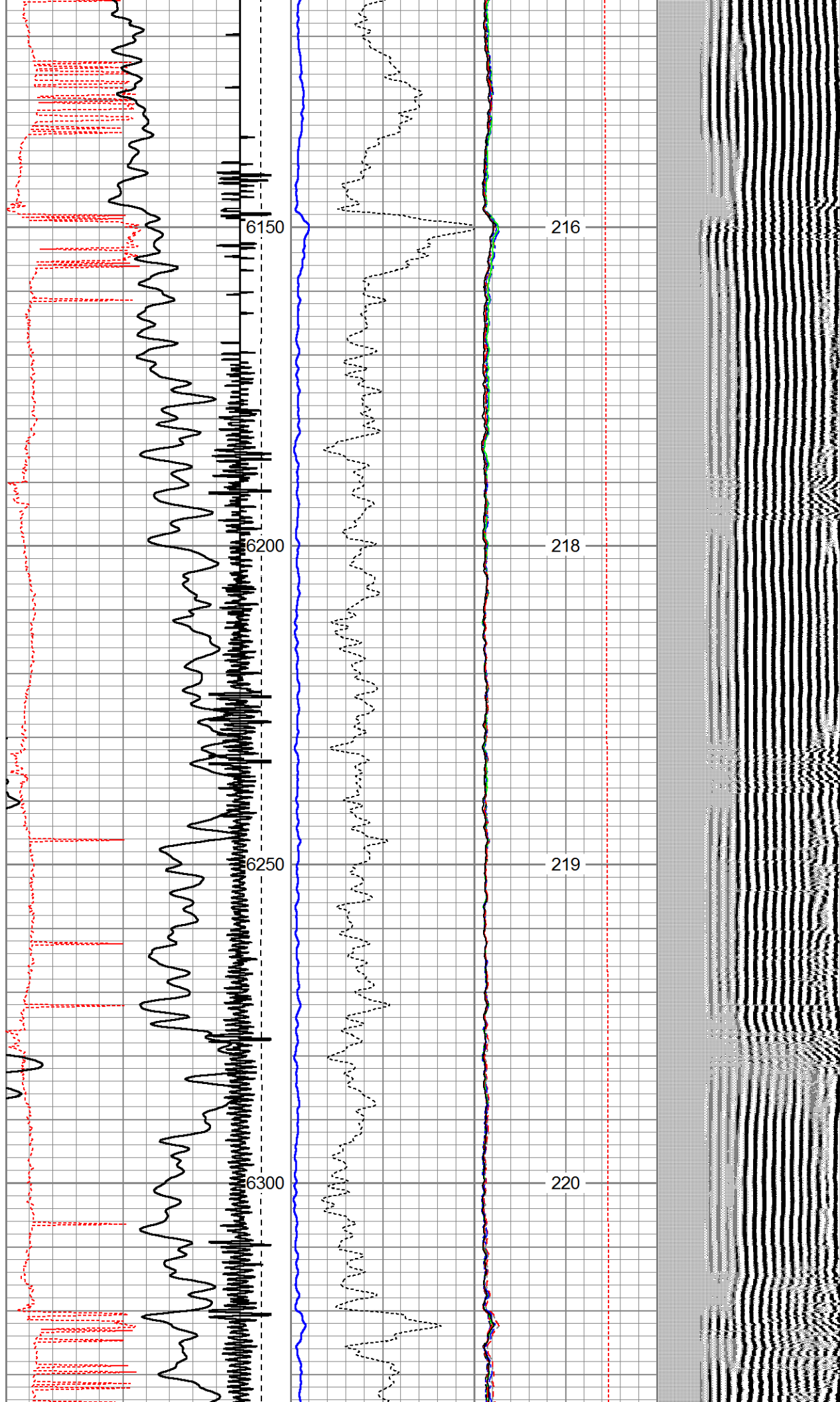




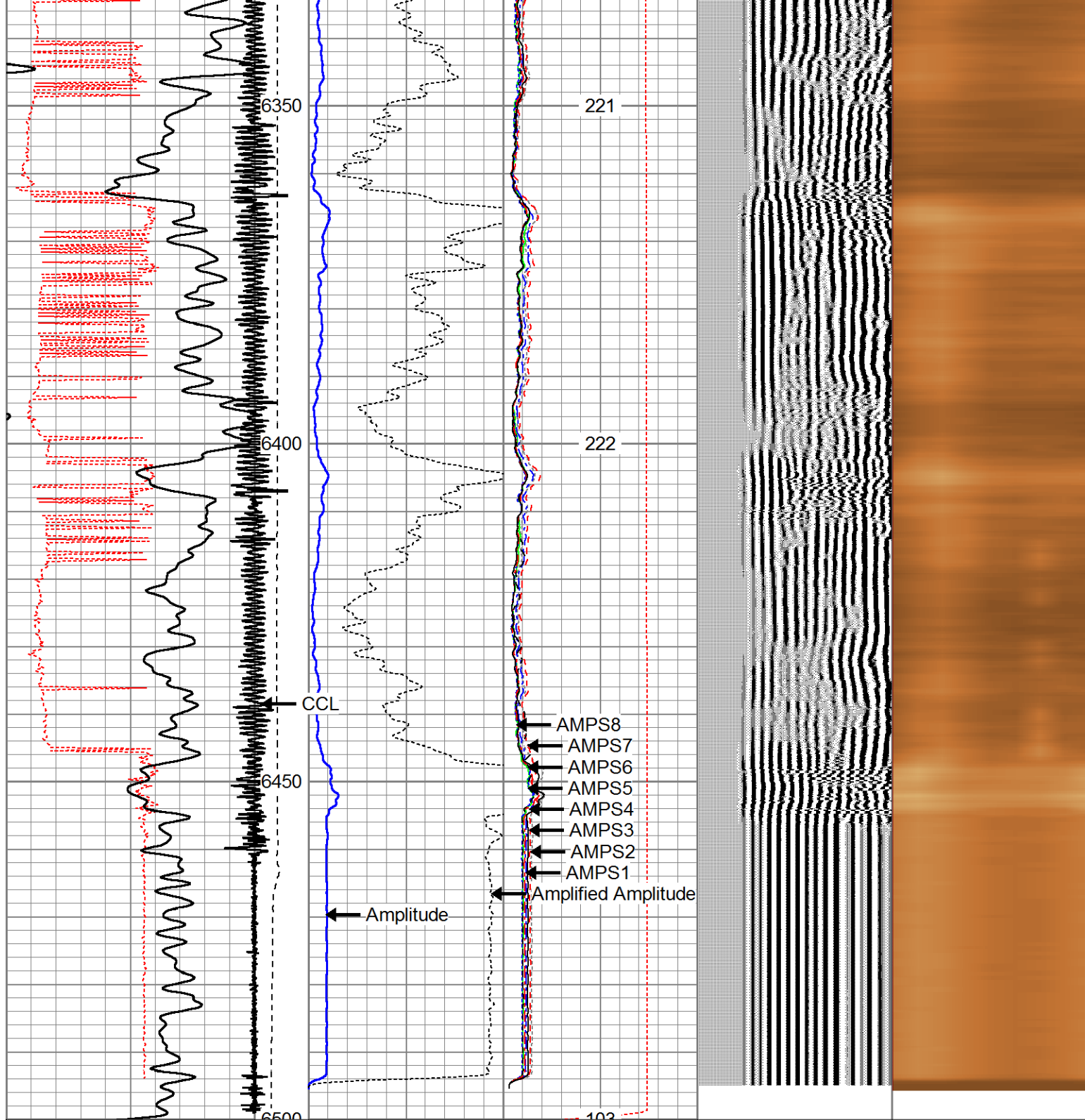












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			CCL	0	(mV)	10	-5	AMPS4	150				100
							-5	AMPS5	150				
							-5	AMPS6	150				
							-5	AMPS7	150				
							-5	AMPS8	150				
							-5	AMPS1	150				
								GCT_Temp					
								(degF)	300				
								GCT_Temp					



(degF)



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State	COLORADO