



RADIAL BOND LOG  
GAMMA RAY  
CCL

Company		CUB CREEK	
Well		LITZENBERGER 5	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Location:		API # : 05-123-42782	
Permanent Datum		SEC 8 TWP 3N RGE 68W	
Log Measured From		GL KB 17'	
Drilling Measured From		KB	
Elevation		K.B. D.F. G.L.	
Date		10-8-2017	
Run Number		ONE	
Depth Driller		12130'	
Depth Logger		7627'	
Bottom Logged Interval		7627'	
Top Log Interval		SURFACE	
Open Hole Size		8.5"	
Type Fluid		WATER	
Density / Viscosity		1	
Max. Recorded Temp.		217	
Estimated Cement Top		SURFACE	
Time Well Ready		NA	
Time Logger on Bottom		NA	
Equipment Number		W-62	
Location		WINDSOR, CO	
Recorded By		A.STEERMAN	
Witnessed By		M.SHAW	
Run Number		Borehole Record	
Bit		From	
To		Size	
Weight		From	
To		Tubing Record	
Casing Record		Size	
Surface String		Wgt/Ft	
Prot. String		Top	
Production String		Bottom	
Liner			

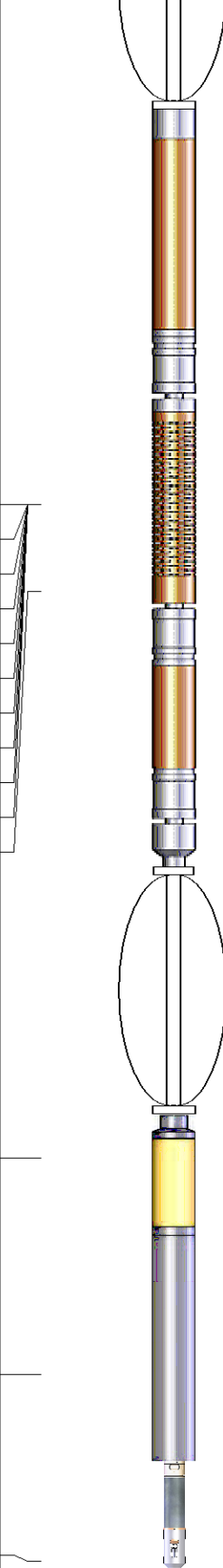
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

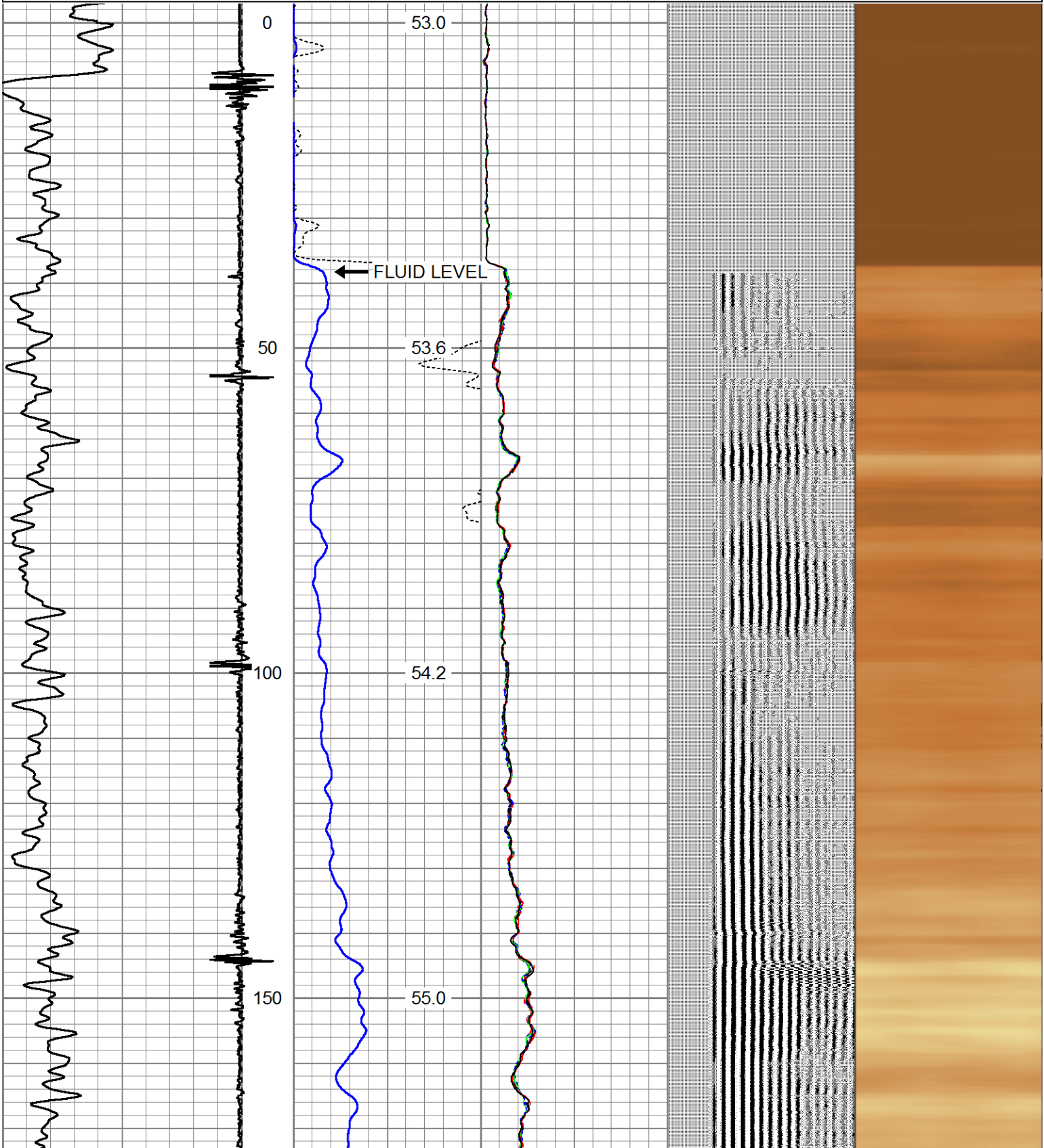
RAN CEMENT BOND LOG TO VERIFY CEMENT  
THANK YOU FOR USING CUTTERS WIRELINE

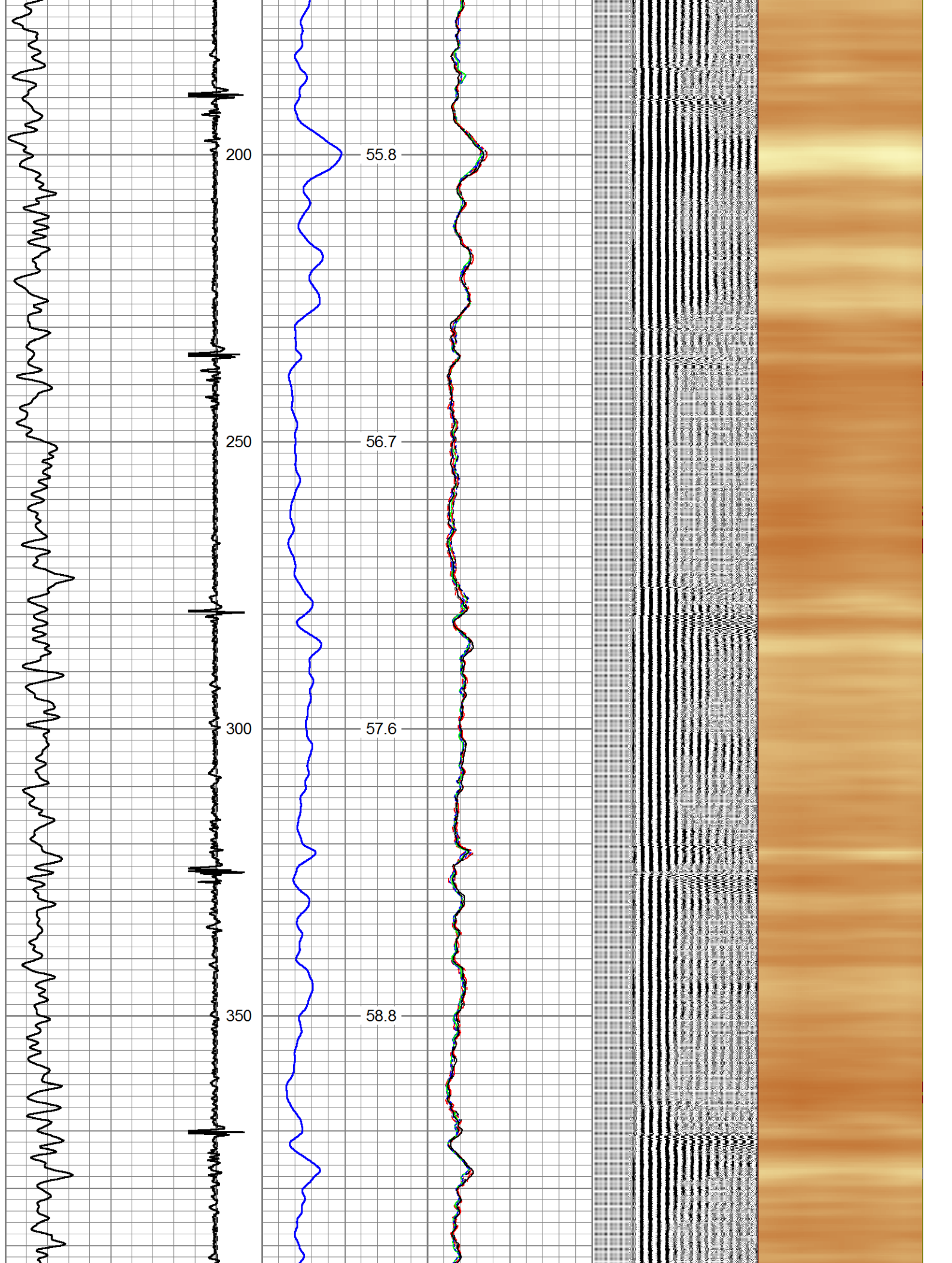
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Probe	2.88	2.75	20.00

			Probe 2 3/4 Centralizer			
WVF3FT	12.31		RBT-Probe (060112_55) Probe 2.75" Radii Bond Tool	8.75	2.75	90.00
WVFCAL	12.31					
WVFS1	12.31					
WVFS2	12.31					
WVFS3	12.31					
WVFS4	12.31					
WVFS5	12.31					
WVFS6	12.31					
WVFS7	12.31					
WVFS8	12.31					
WVF5FT	11.31					
			Probe Probe 2 3/4 Centralizer	2.88	2.75	20.00
CCL	4.75					
			GR-Probe (060109) Probe 2.75" 4 Channel Pulse	4.00	2.75	30.00
GR	2.25					
			TEMP-1.375TEMP (060110) Temperature Tool	1.25	1.38	30.00
TEMP	0.08					
Dataset: litzenberger 5.db: field/well/run1/pass4 Total Length: 19.75 ft Total Weight: 190.00 lb O.D.: 2.75 in						

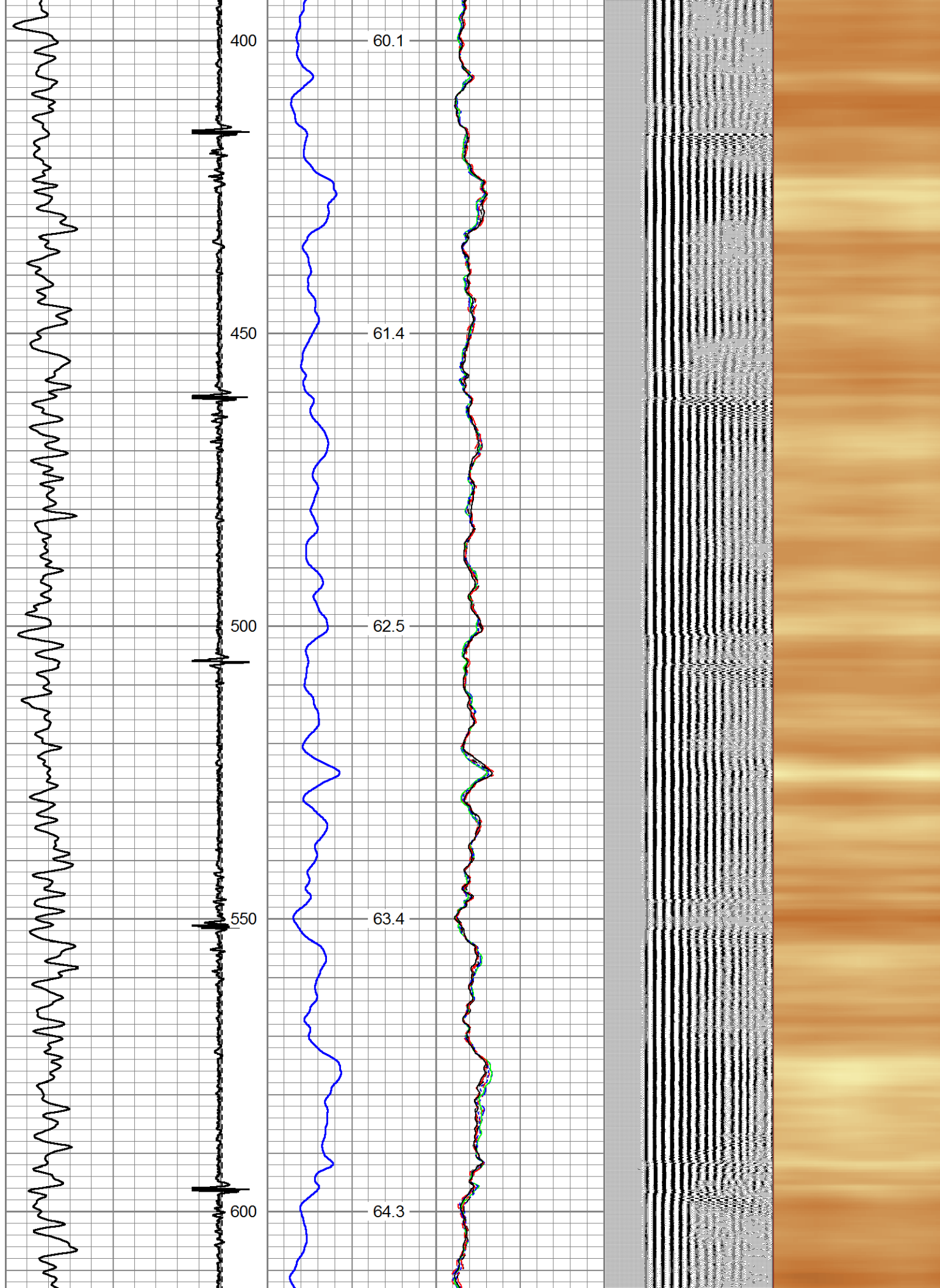
Database File: litzenberger 5.db  
 Dataset Pathname: pass4  
 Presentation Format: rbl55  
 Dataset Creation: Sun Oct 08 09:11:45 2017 by Log 7.0 B1  
 Charted by: Depth in Feet scaled 1:240

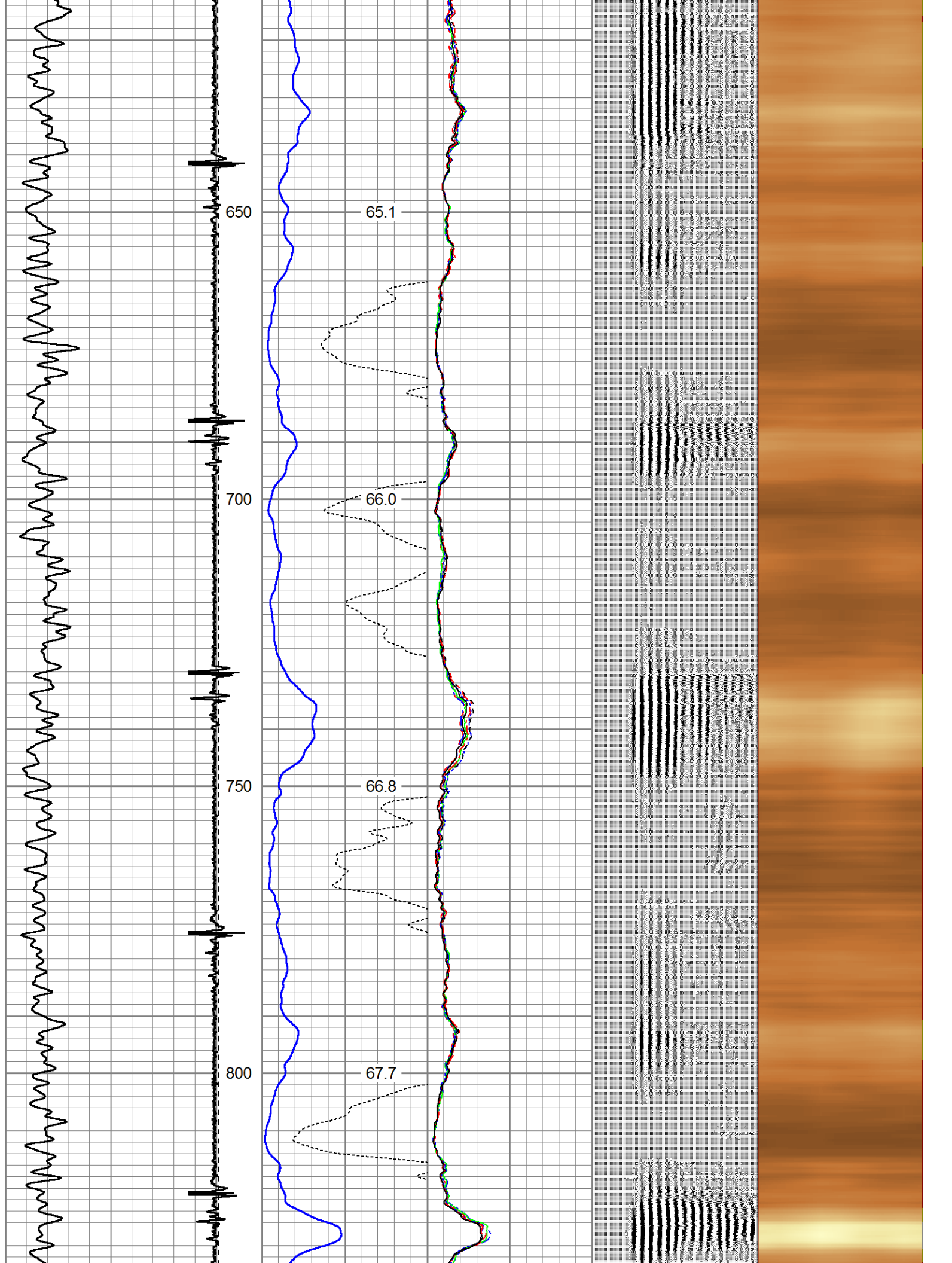
Charted by:			Depth in Feet scaled 1.240												
325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map		
0	GR (GAPI)	250	(lb)		Amplified Amplitude		-5	AMPS3	150					1	100
			CCL	000	0	(mV)	10	-5	AMPS4	150					
					TEMP		-5	AMPS5	150						
					(degF)		-5	AMPS6	150						
							-5	AMPS7	150						
							-5	AMPS8	150						
							-5	AMPS1	150						

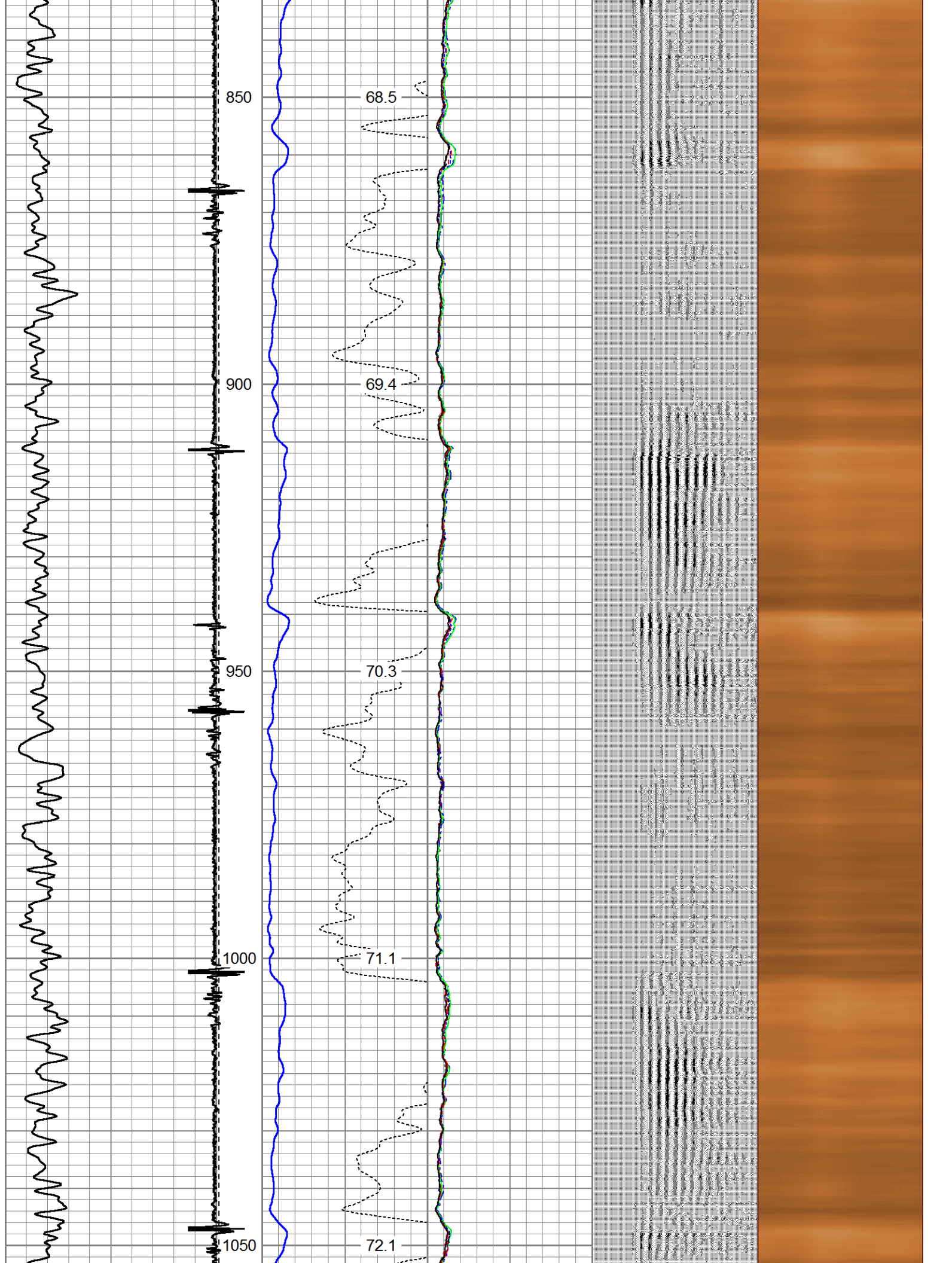




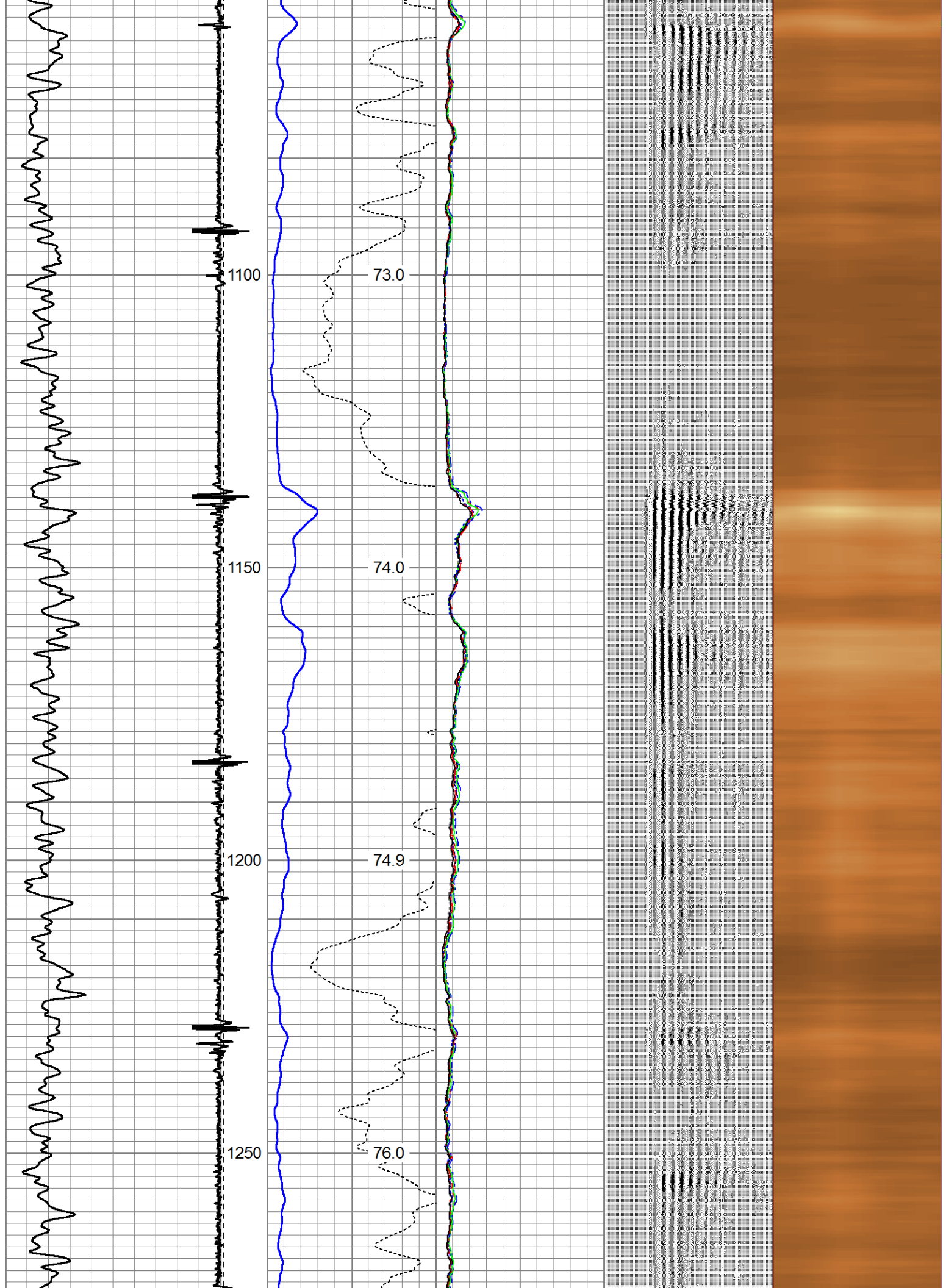




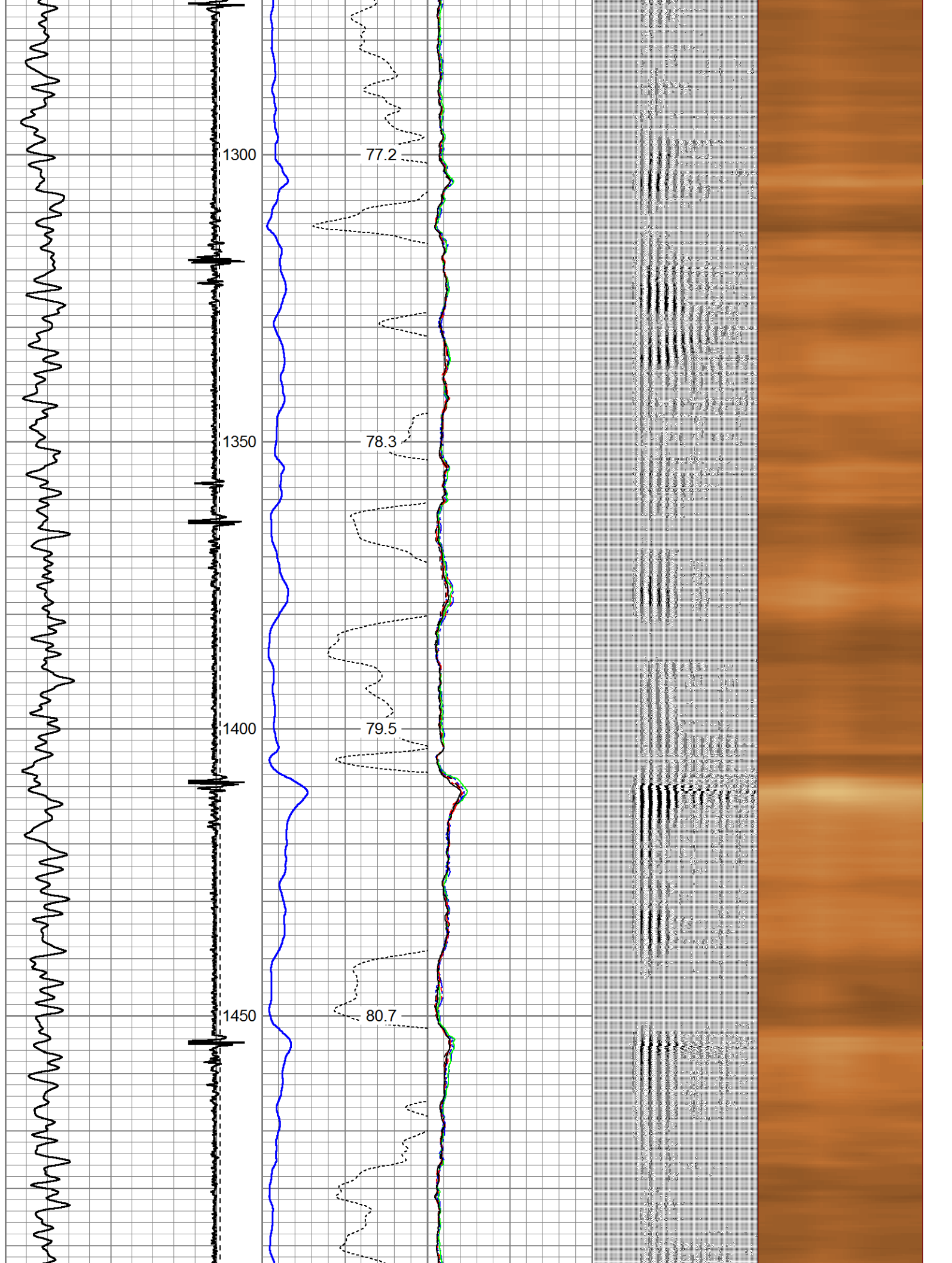


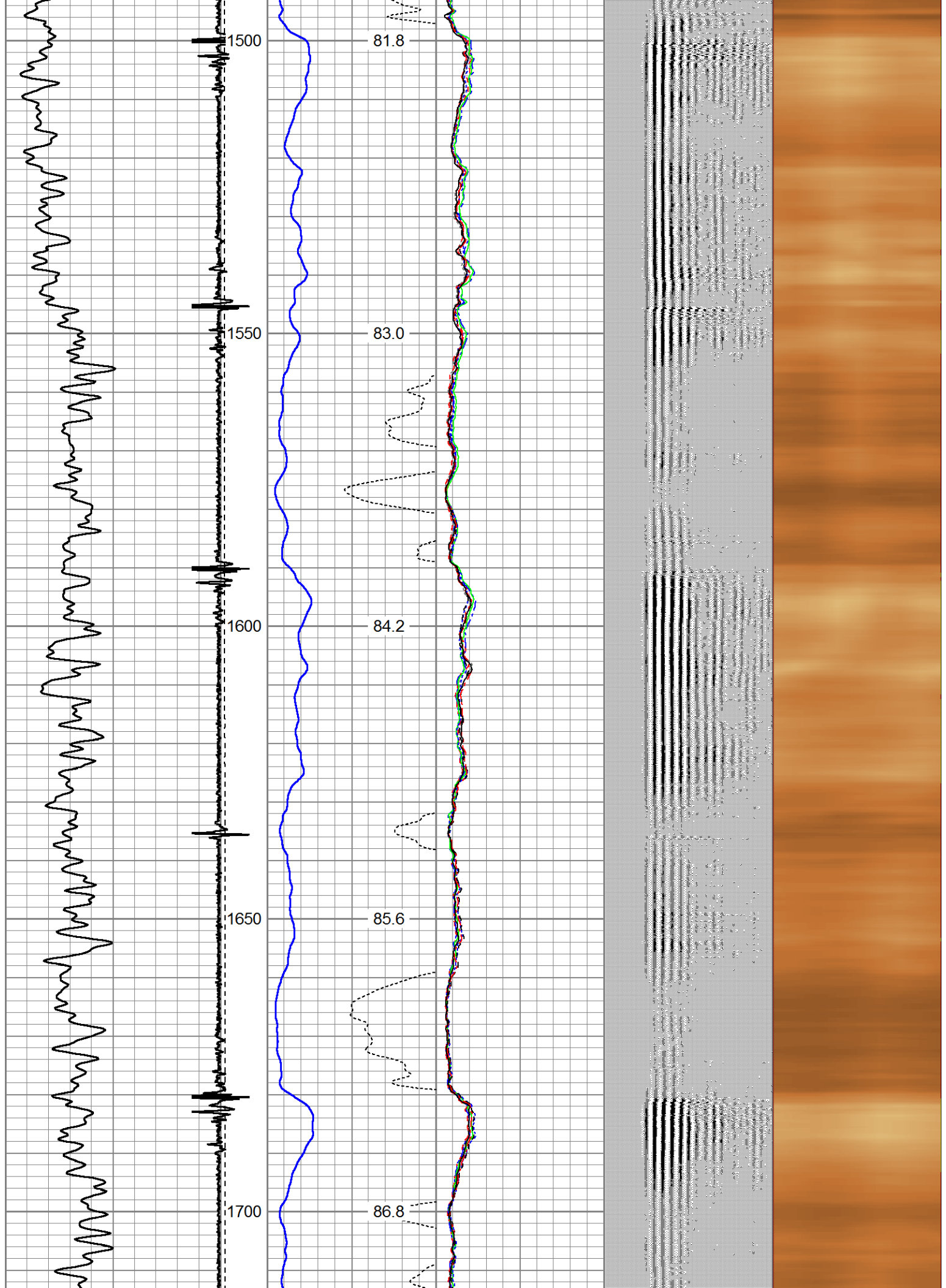


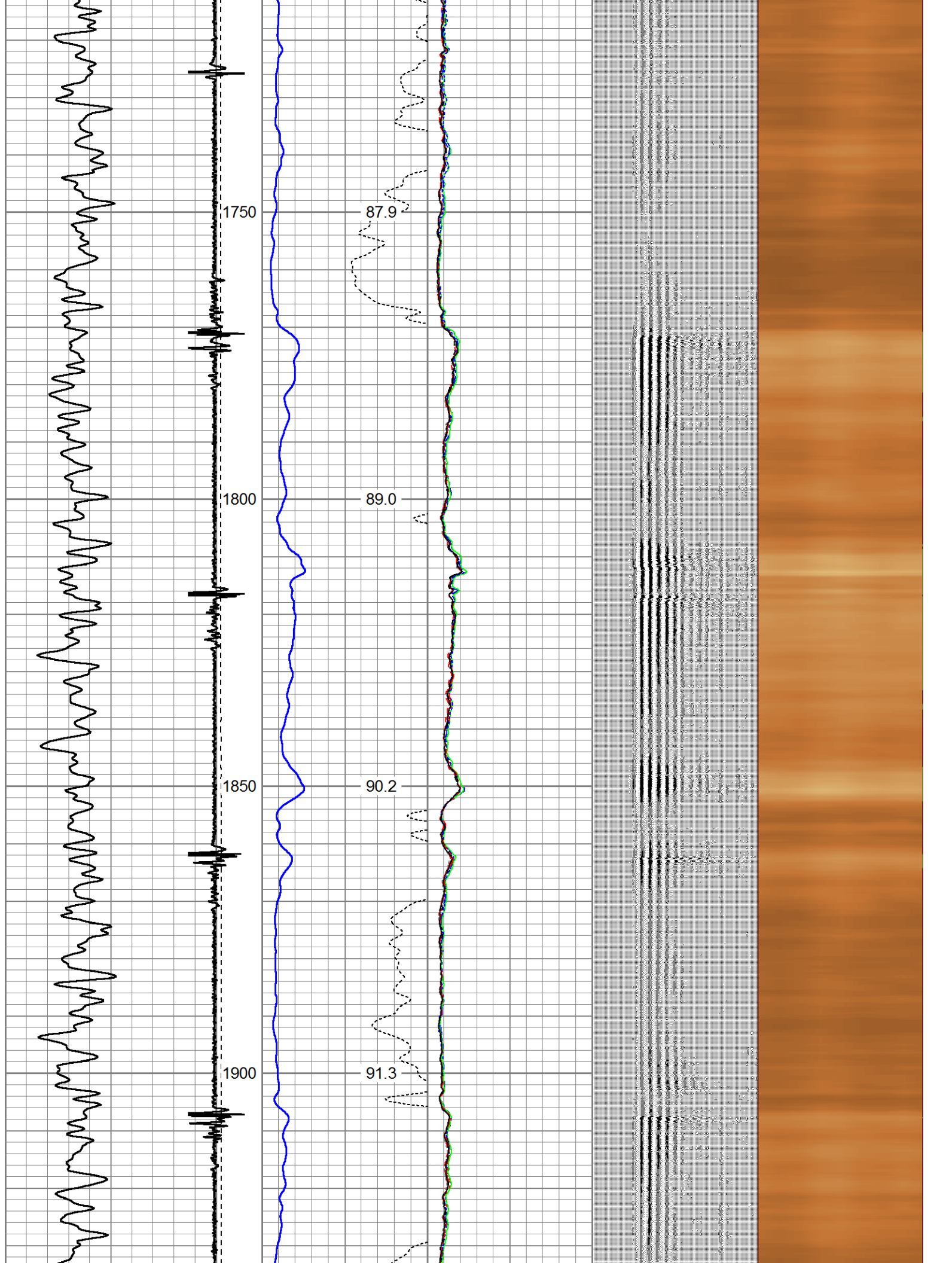




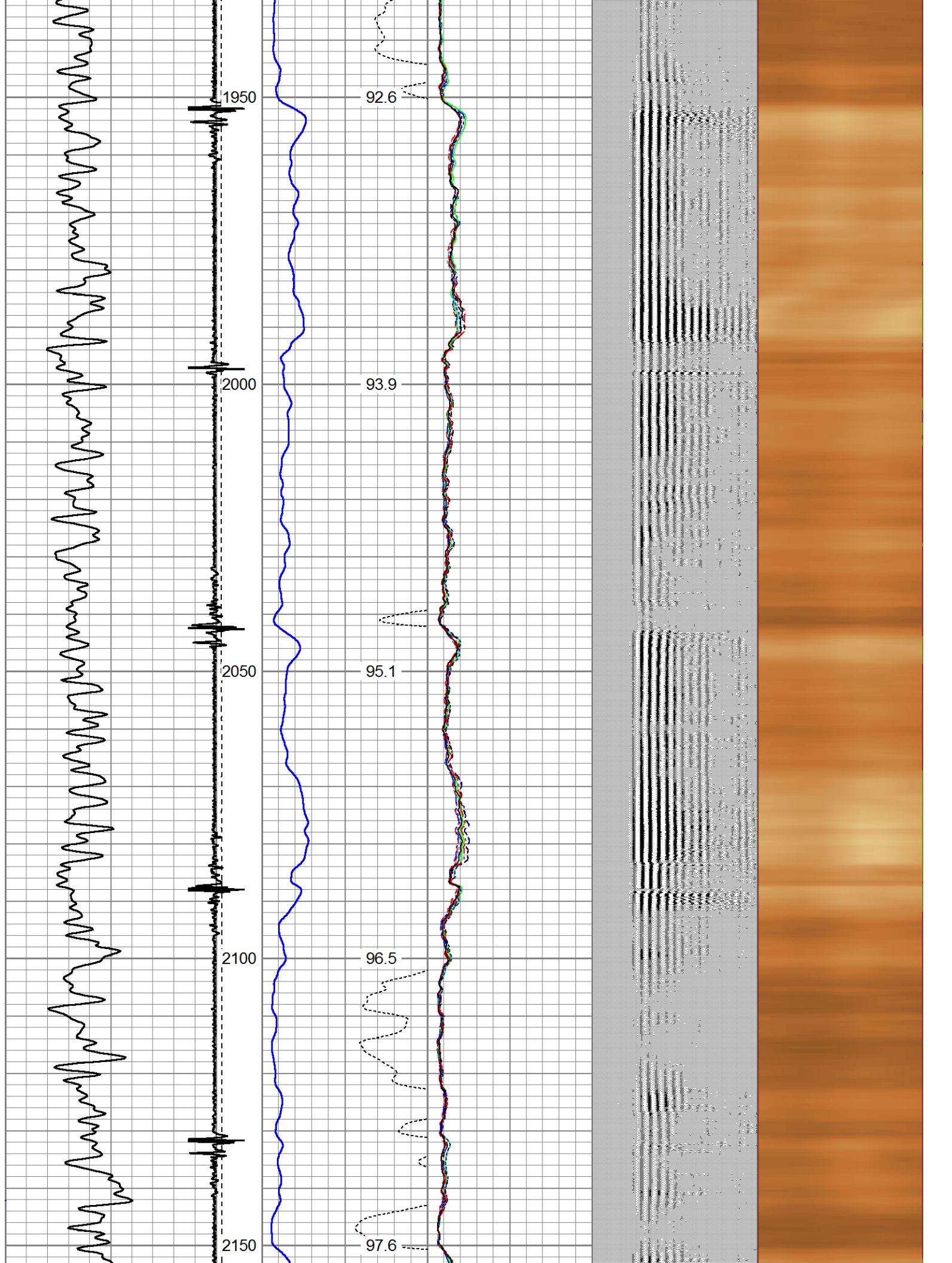




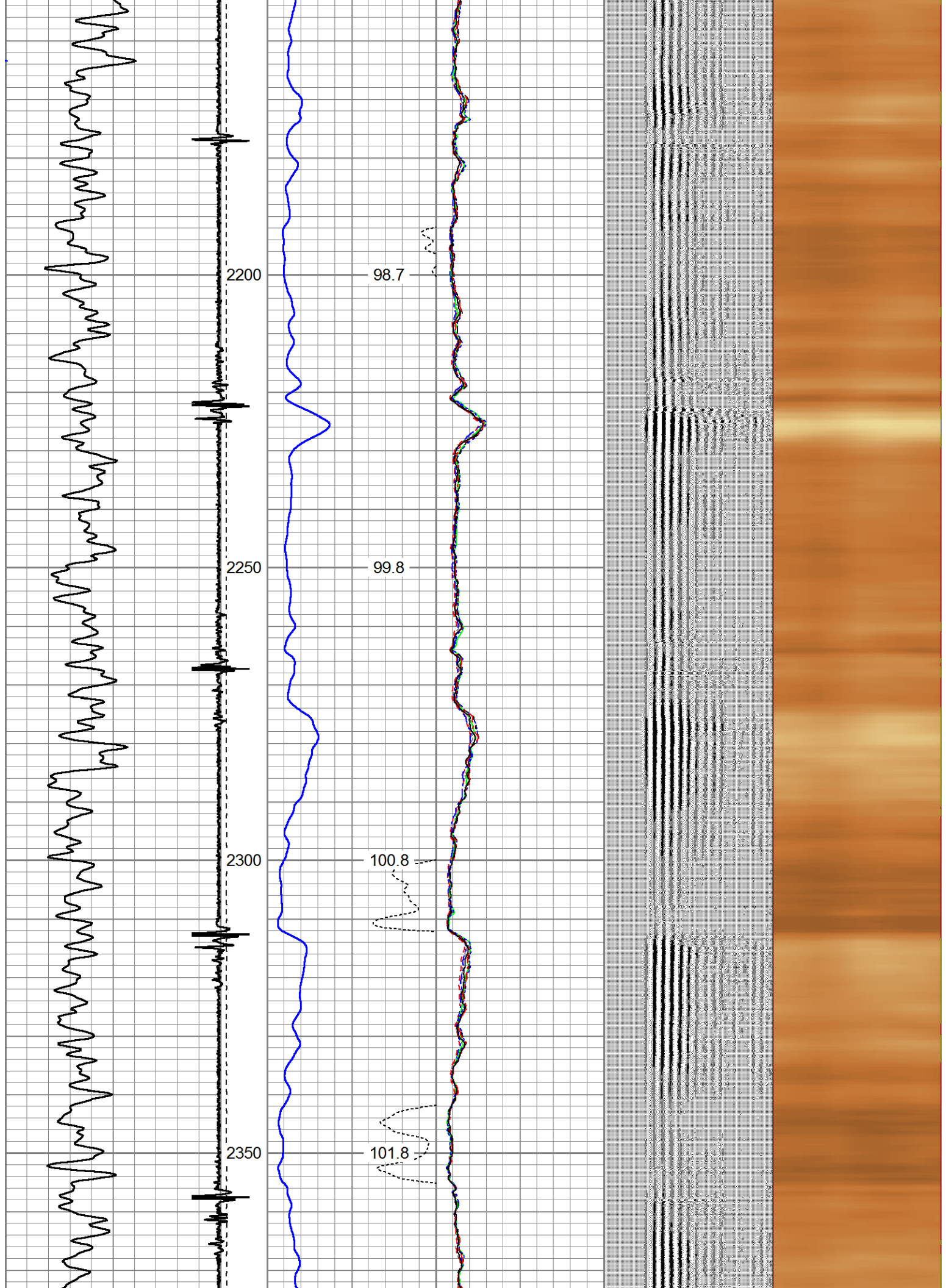


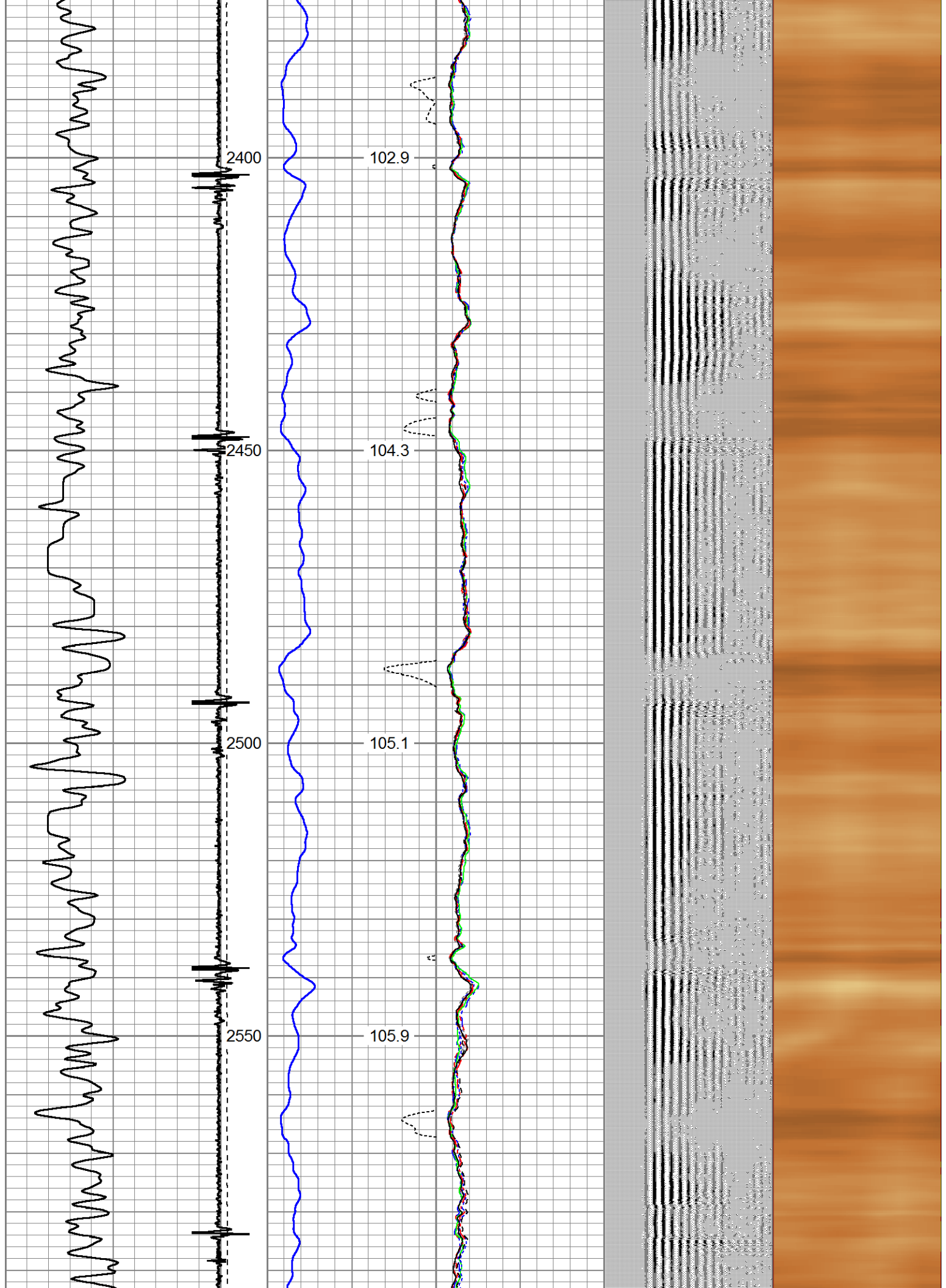


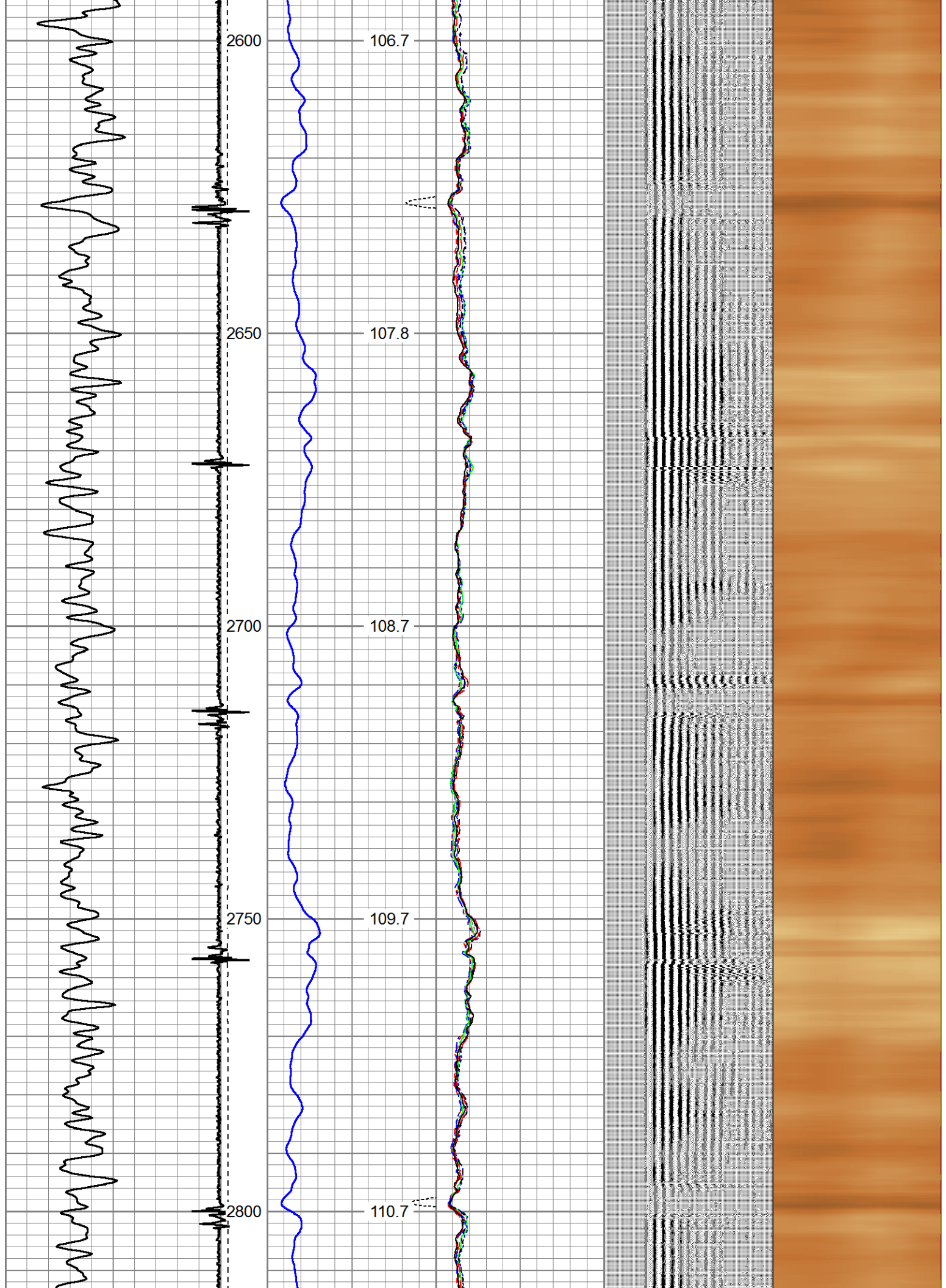




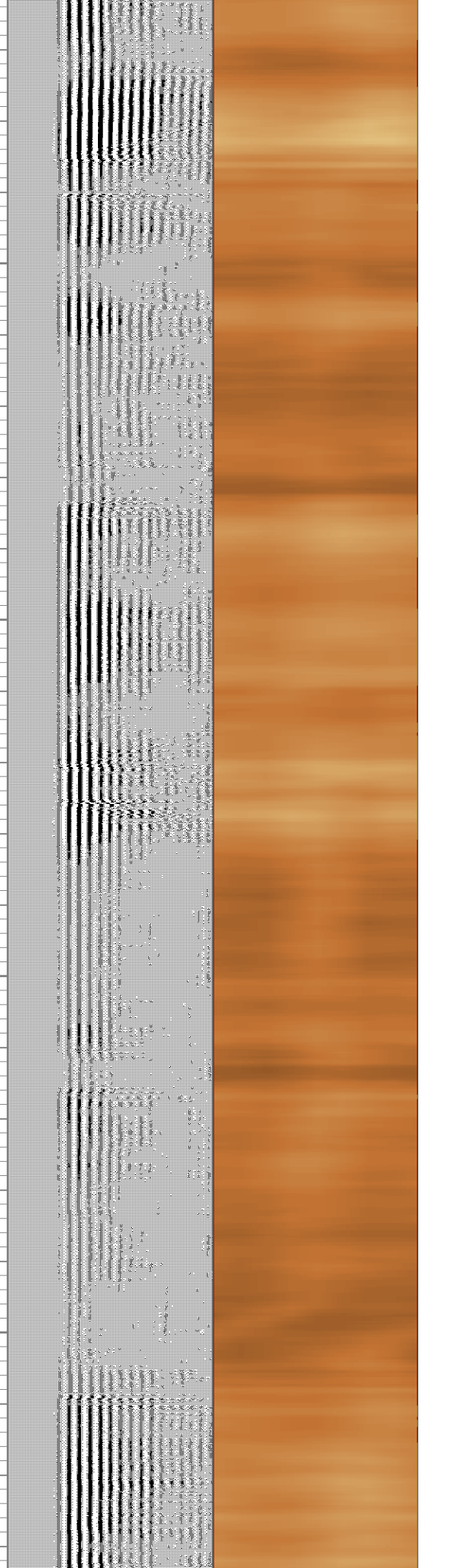
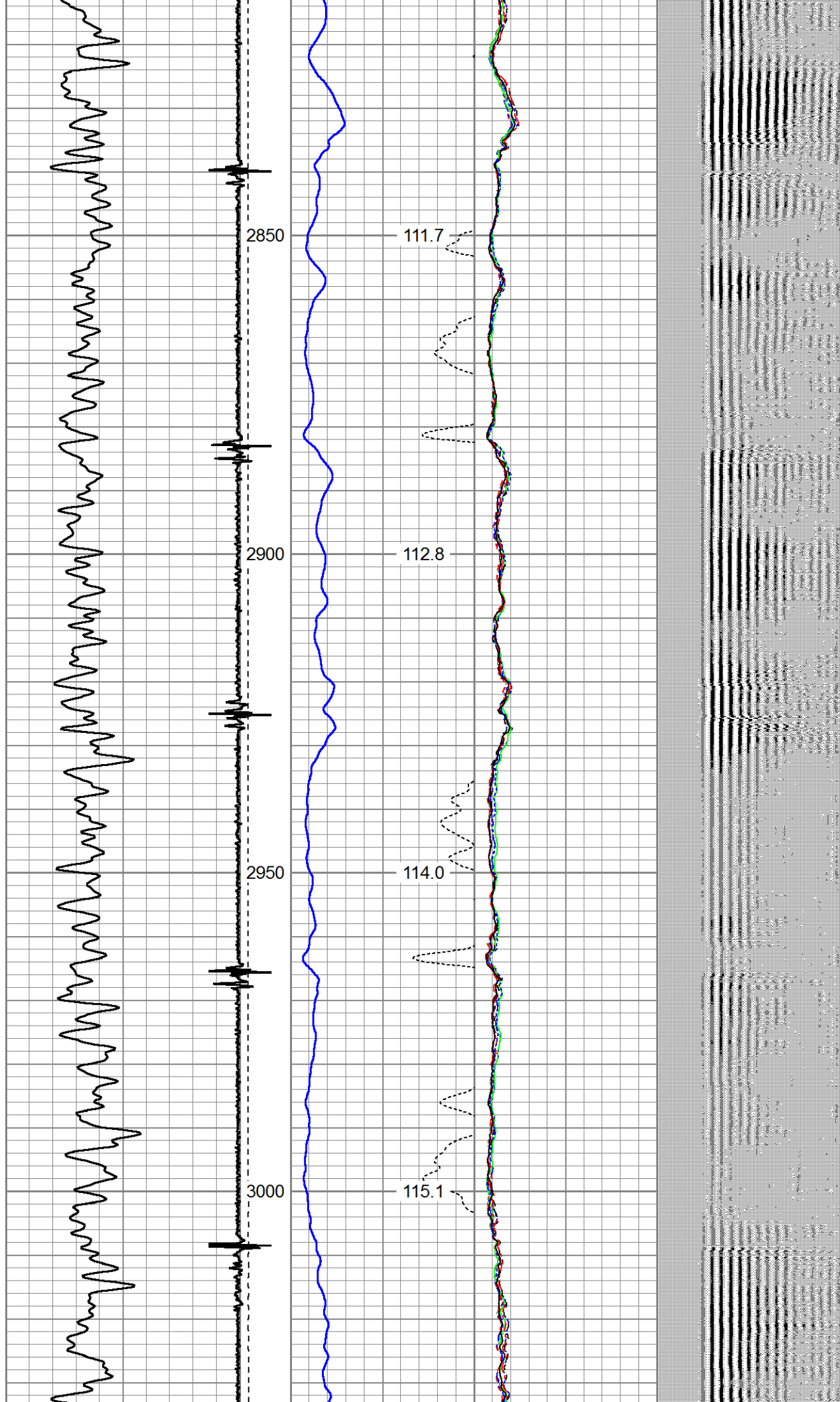




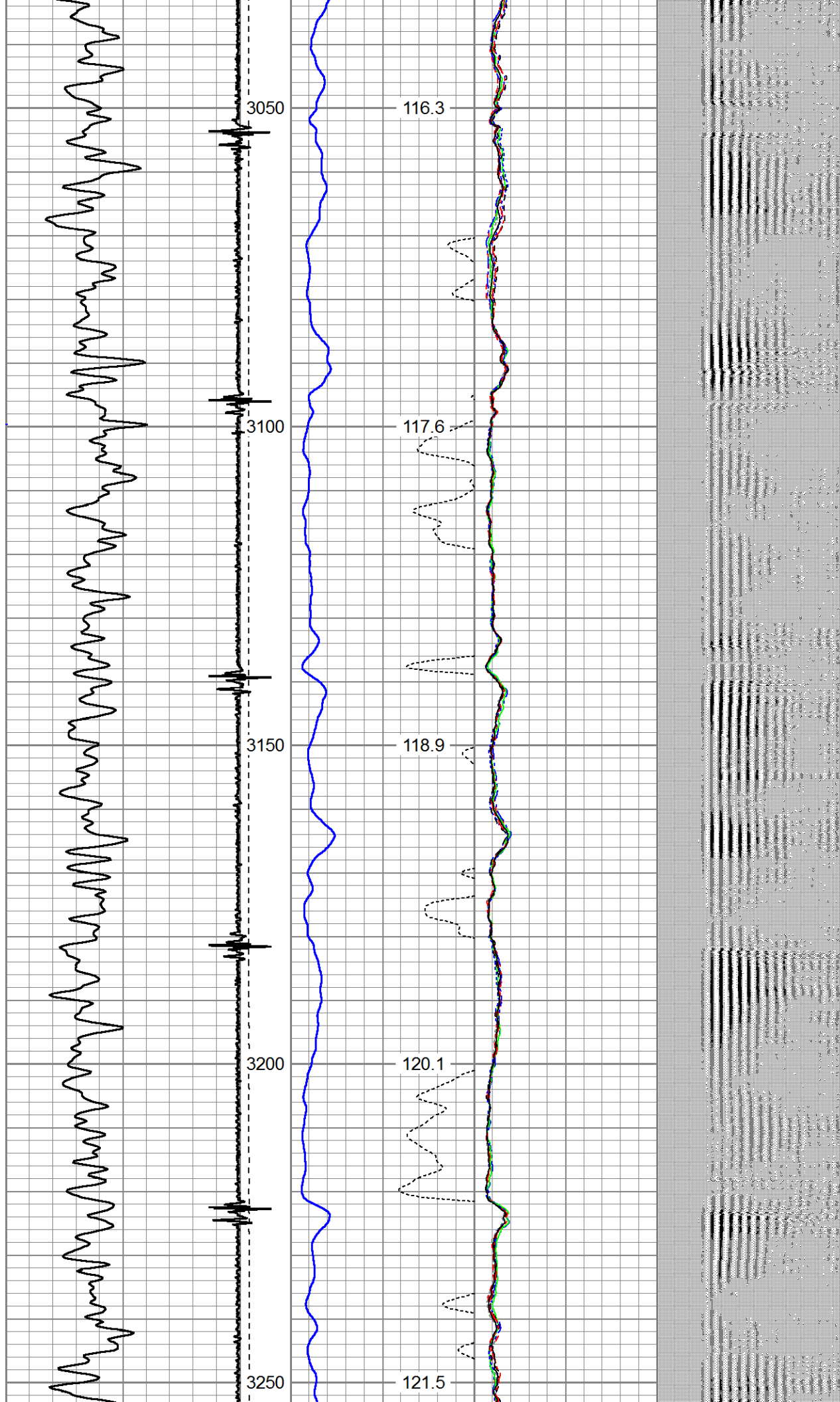


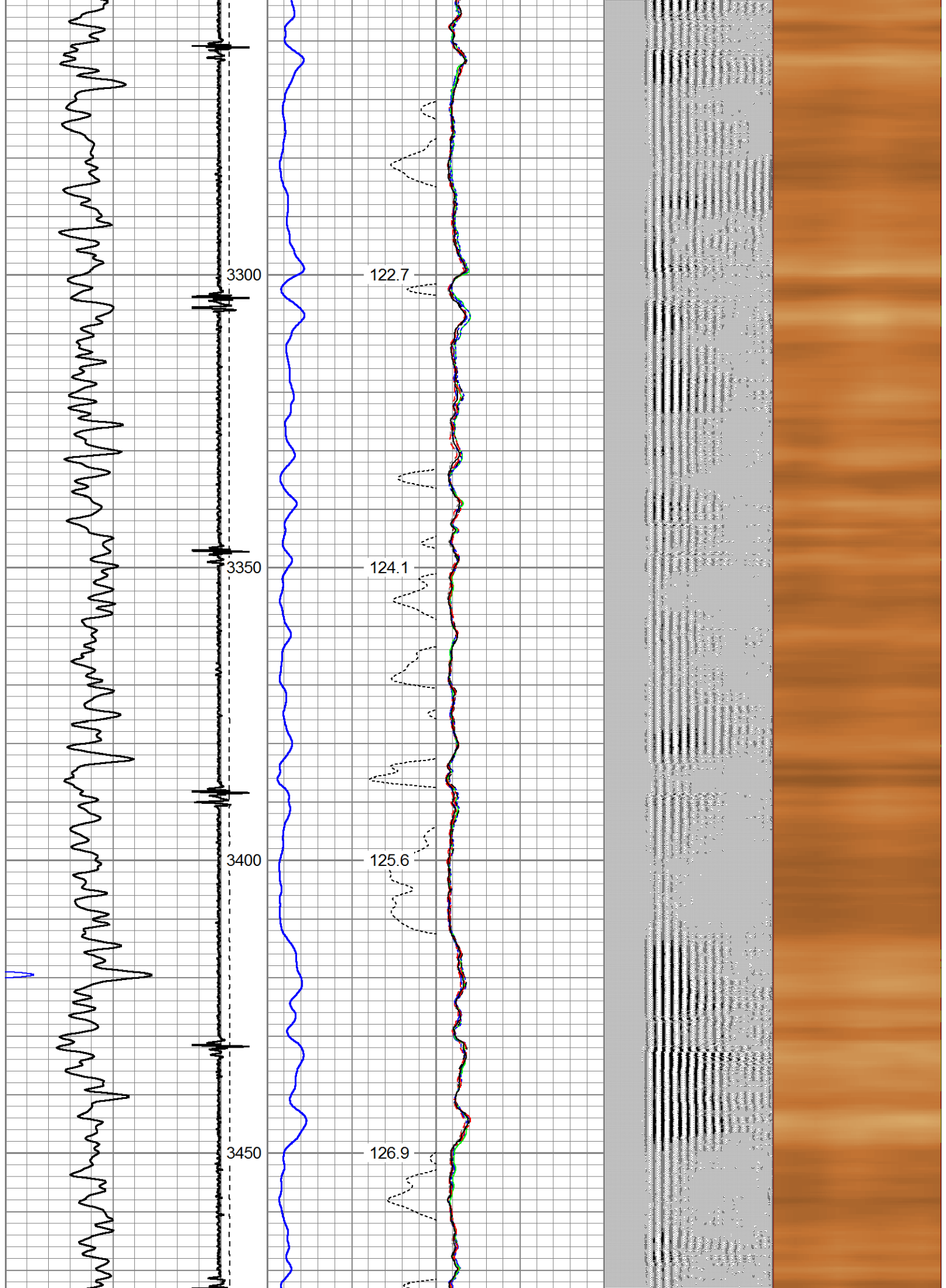


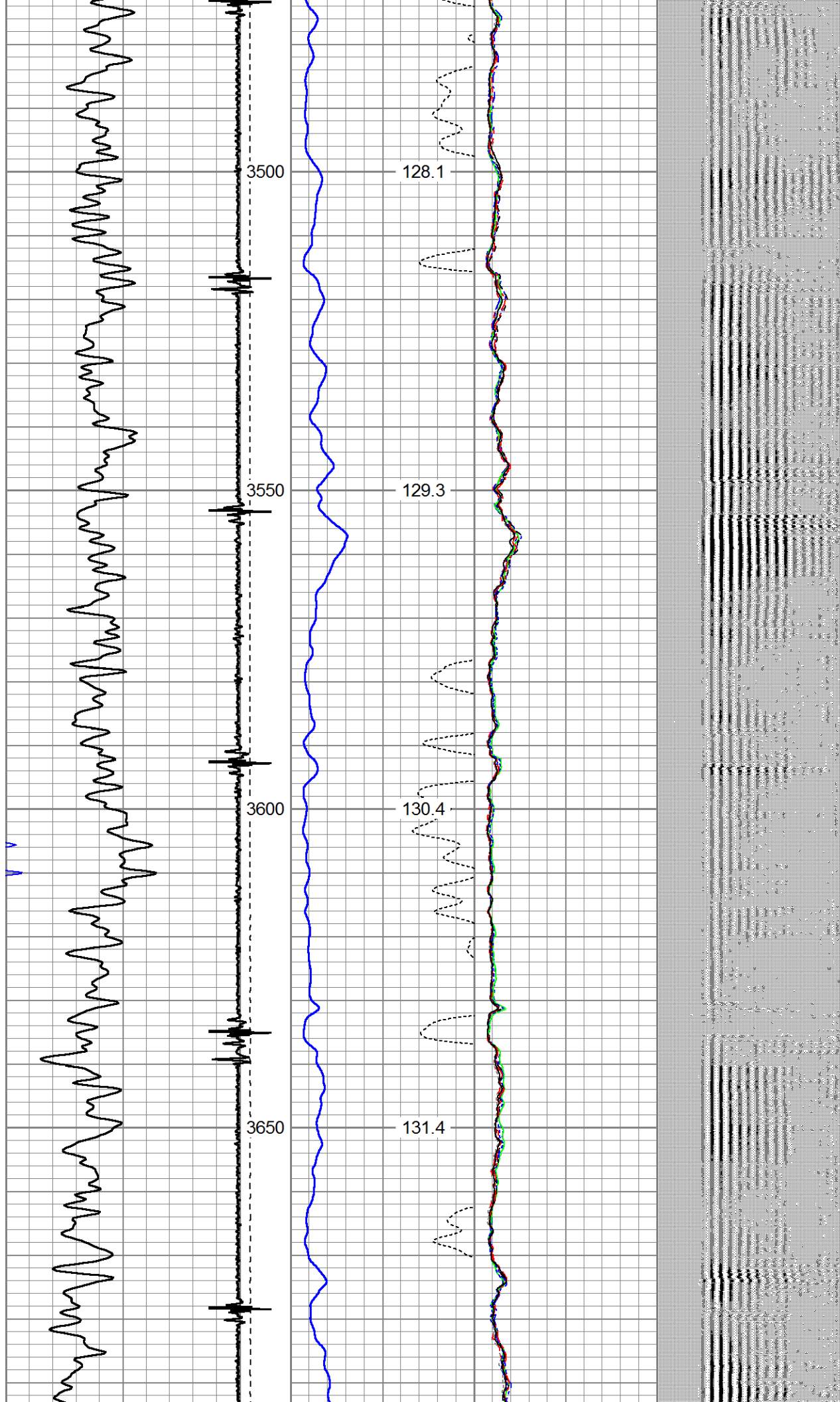




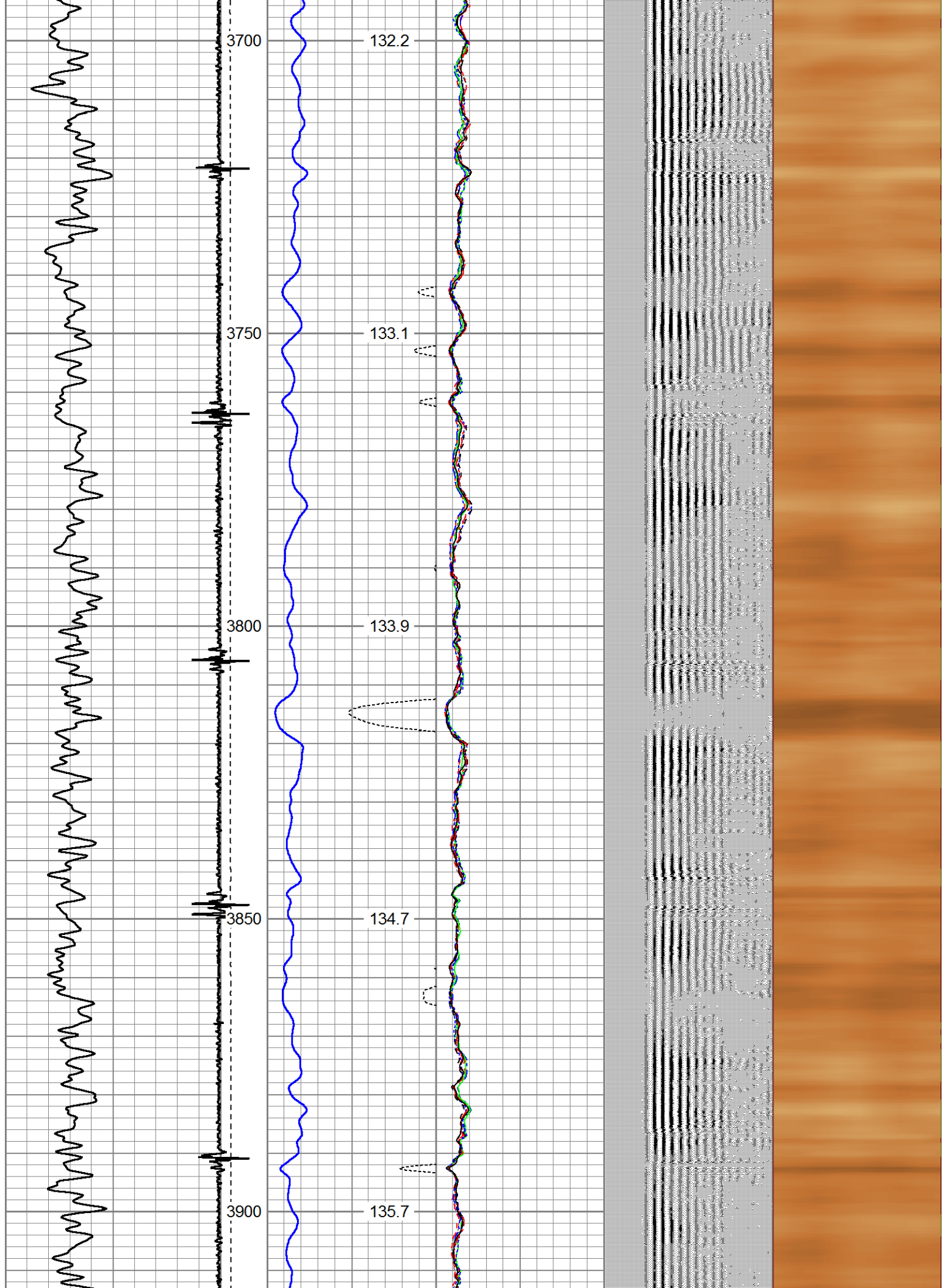




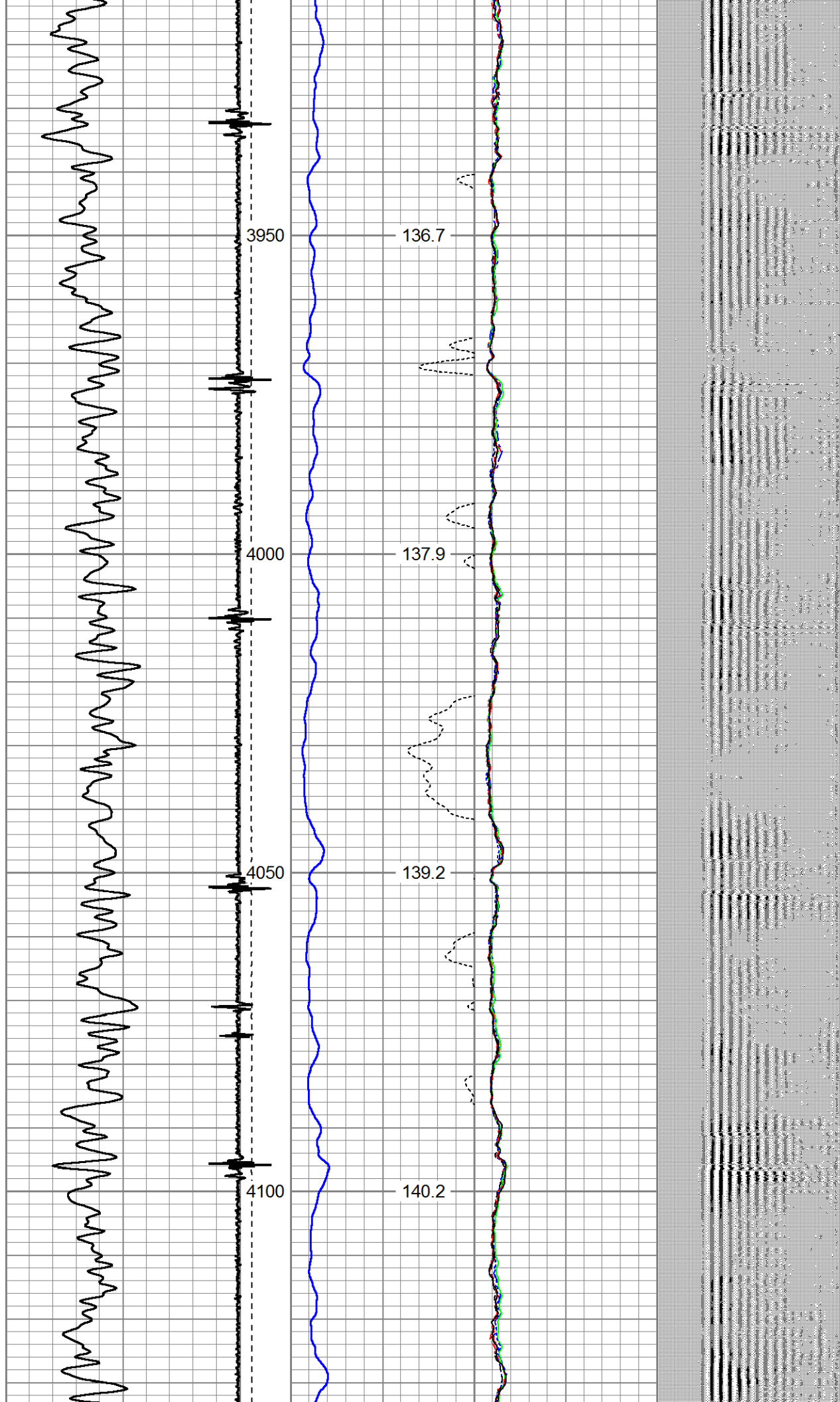


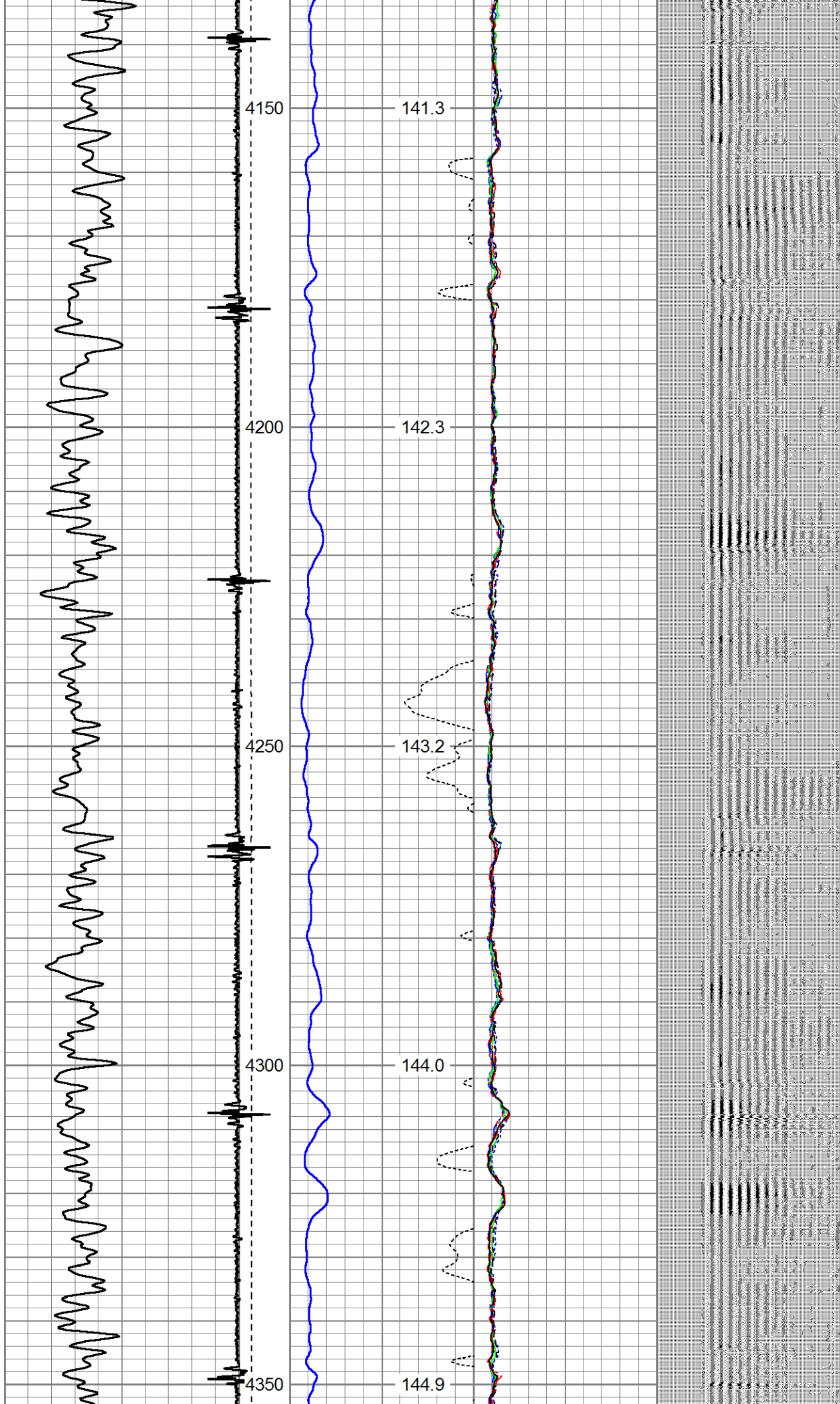


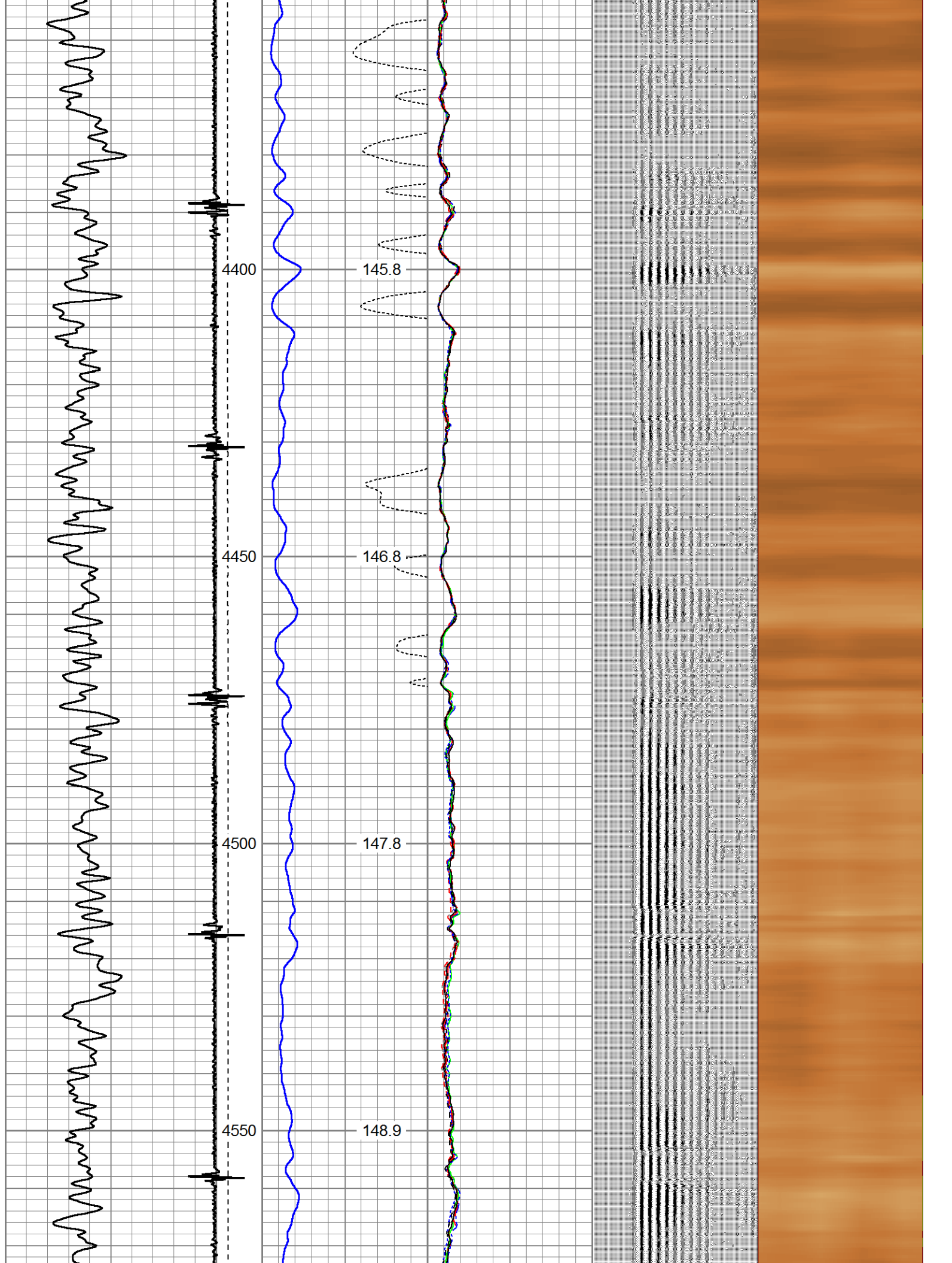




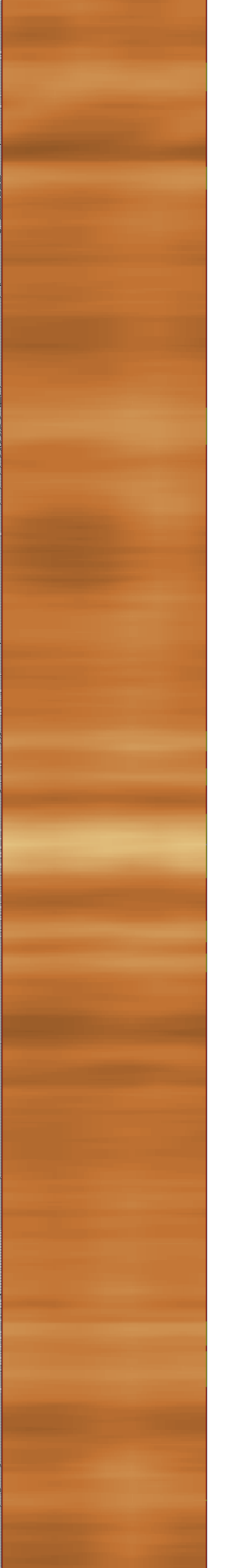
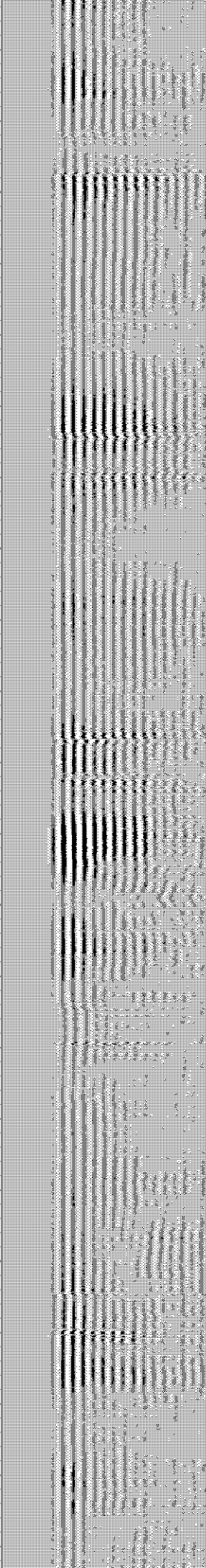
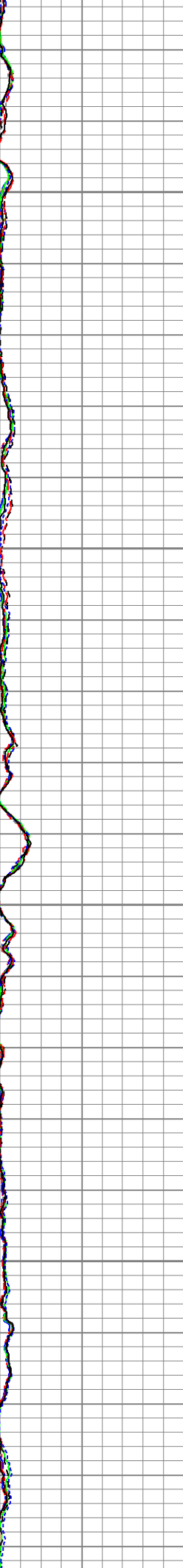
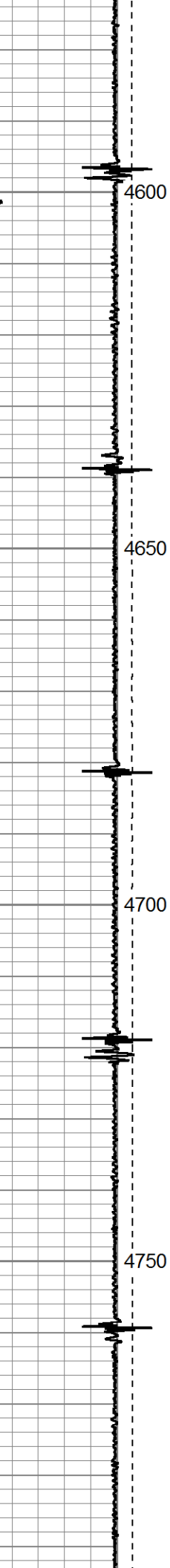
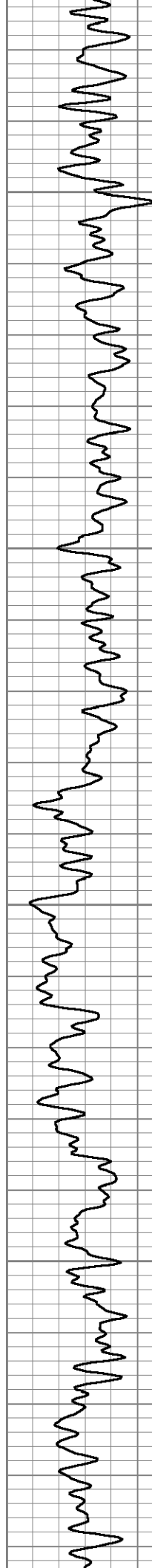


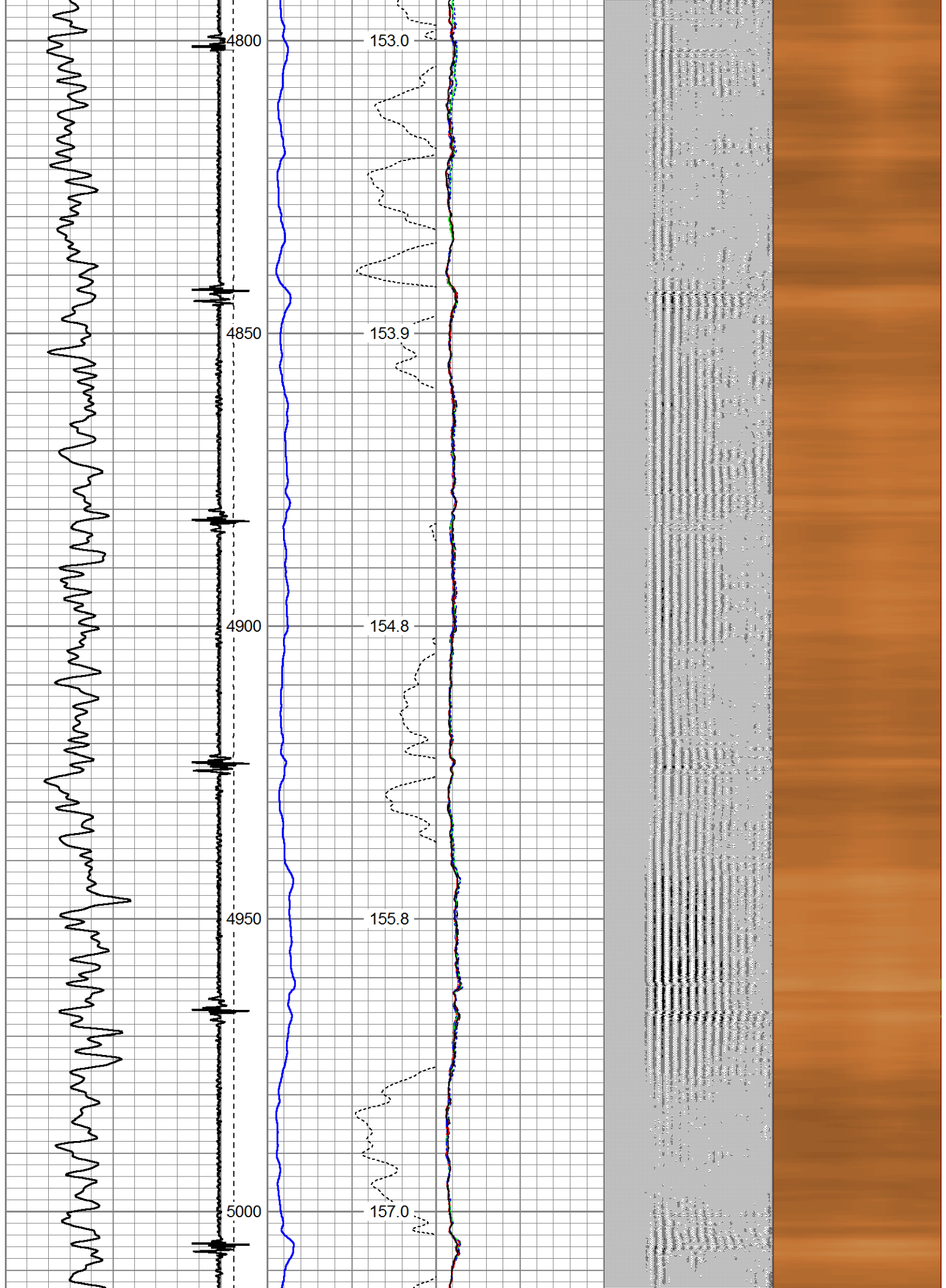


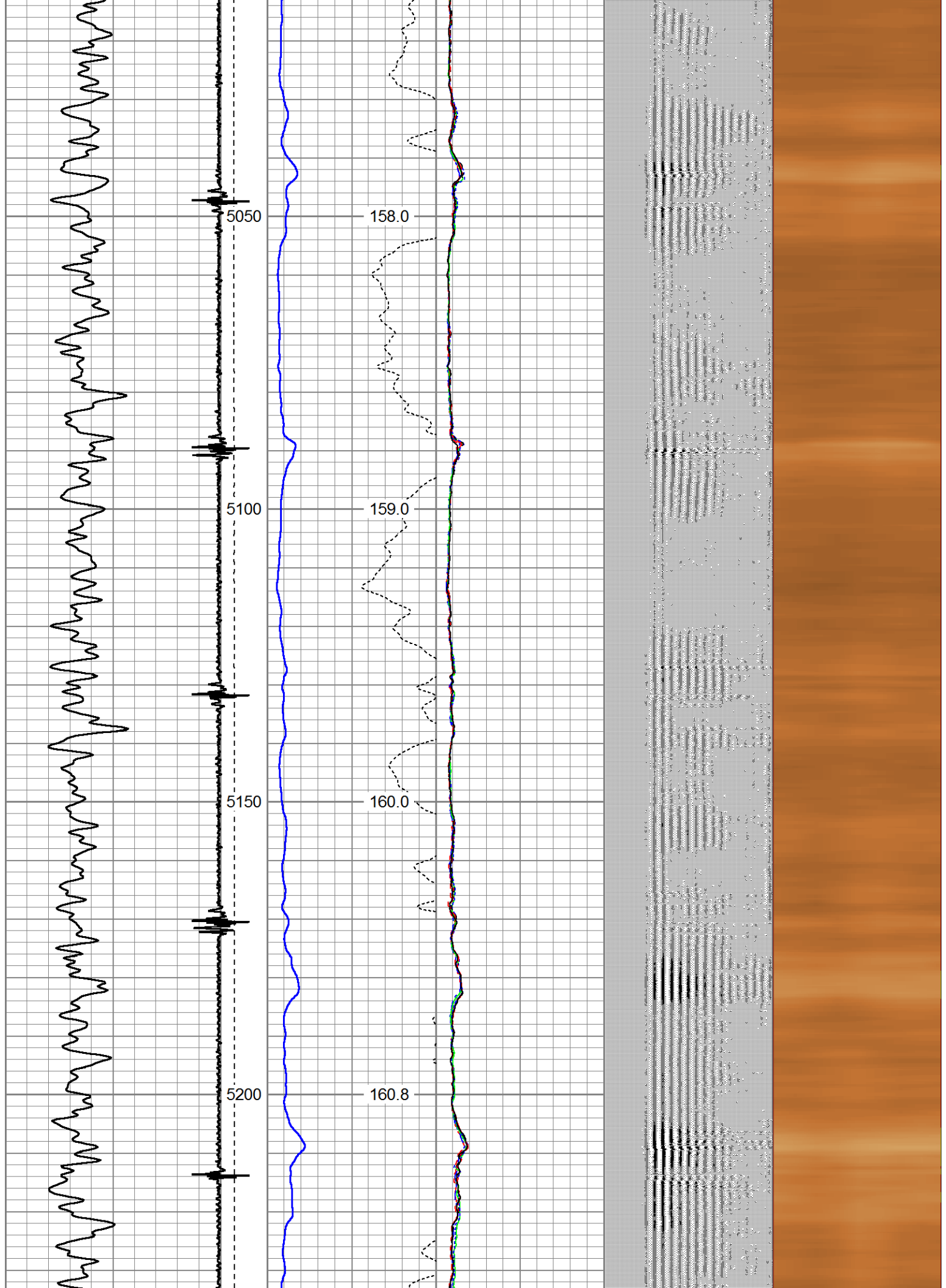




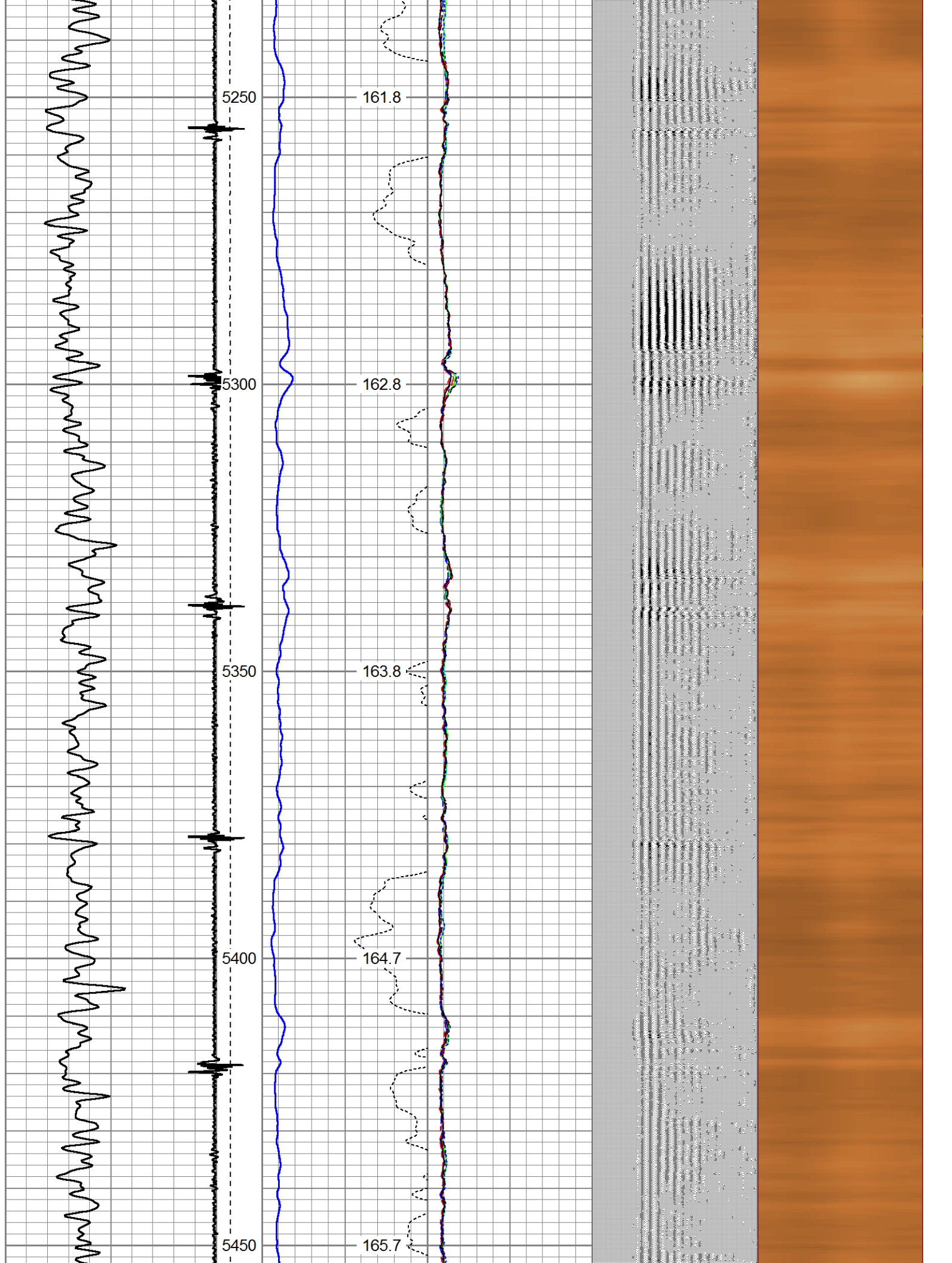


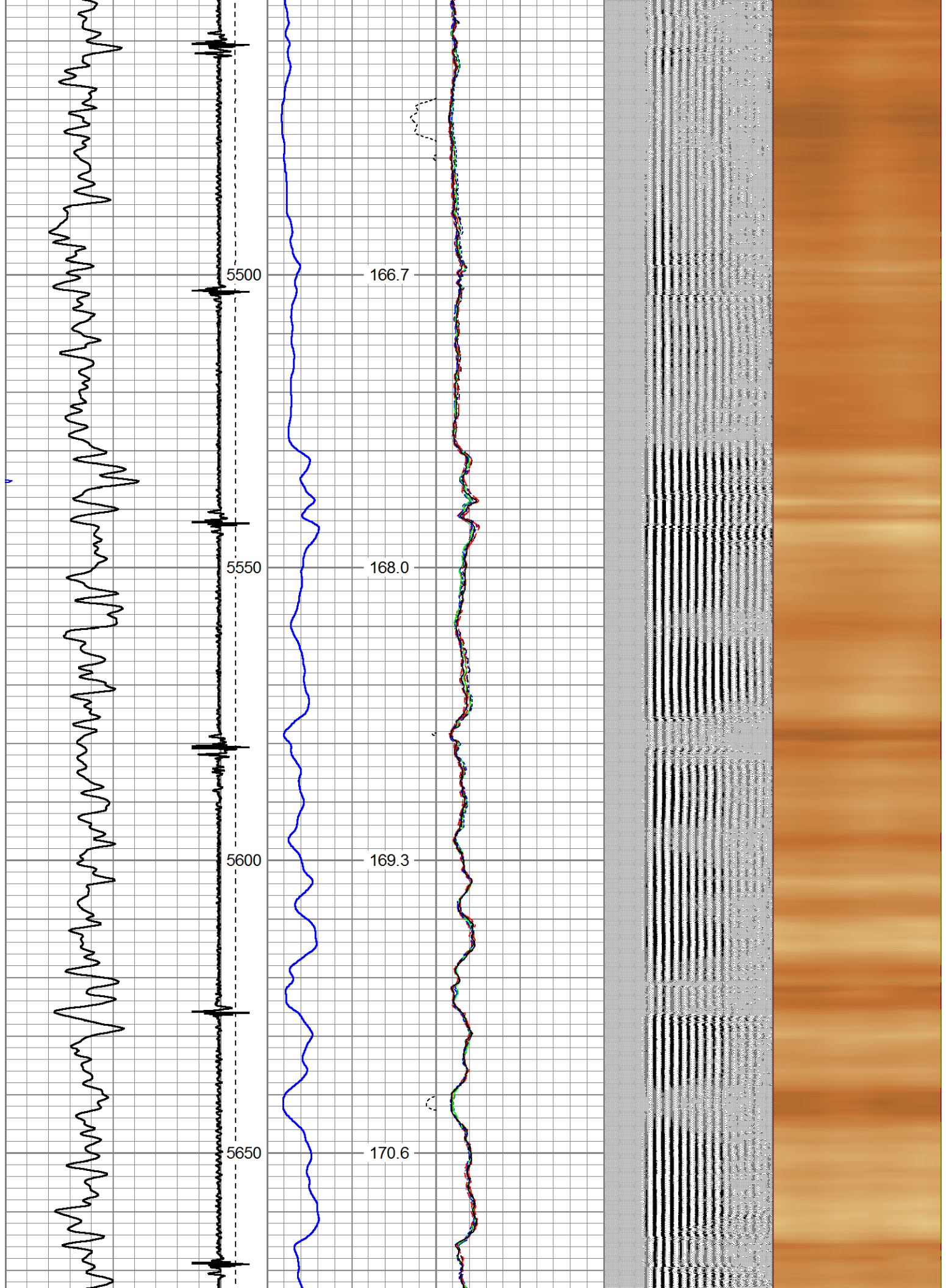


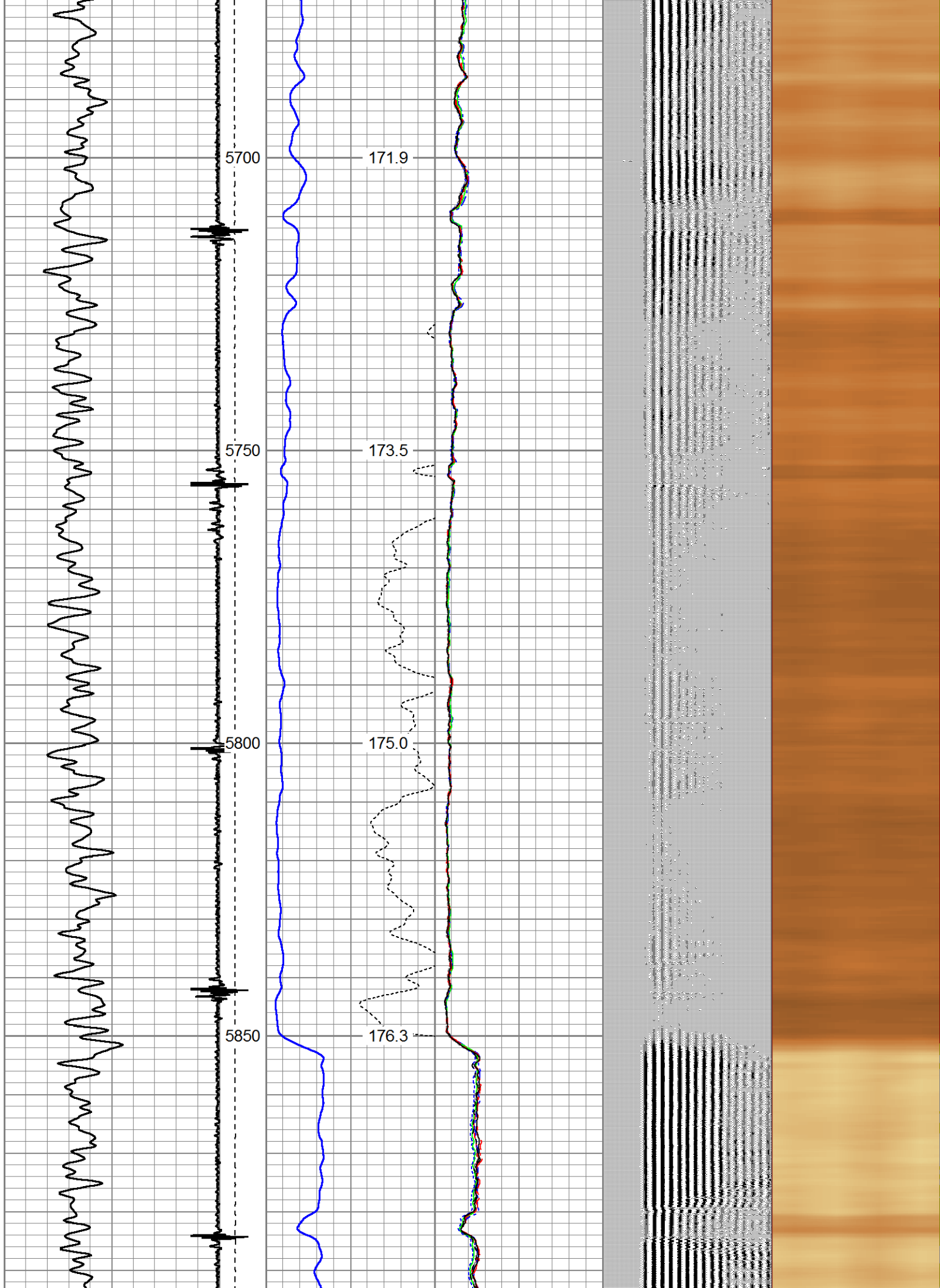




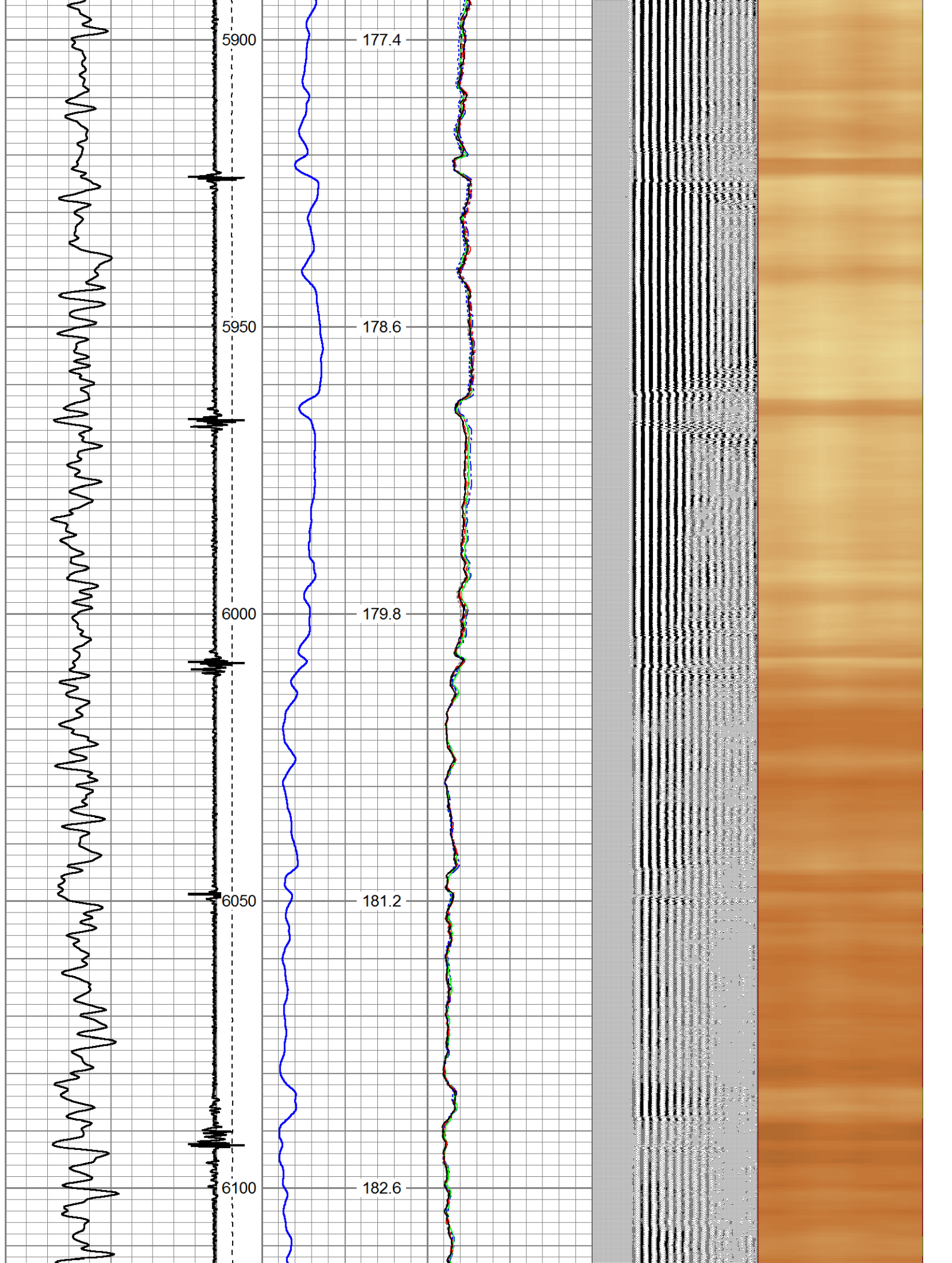


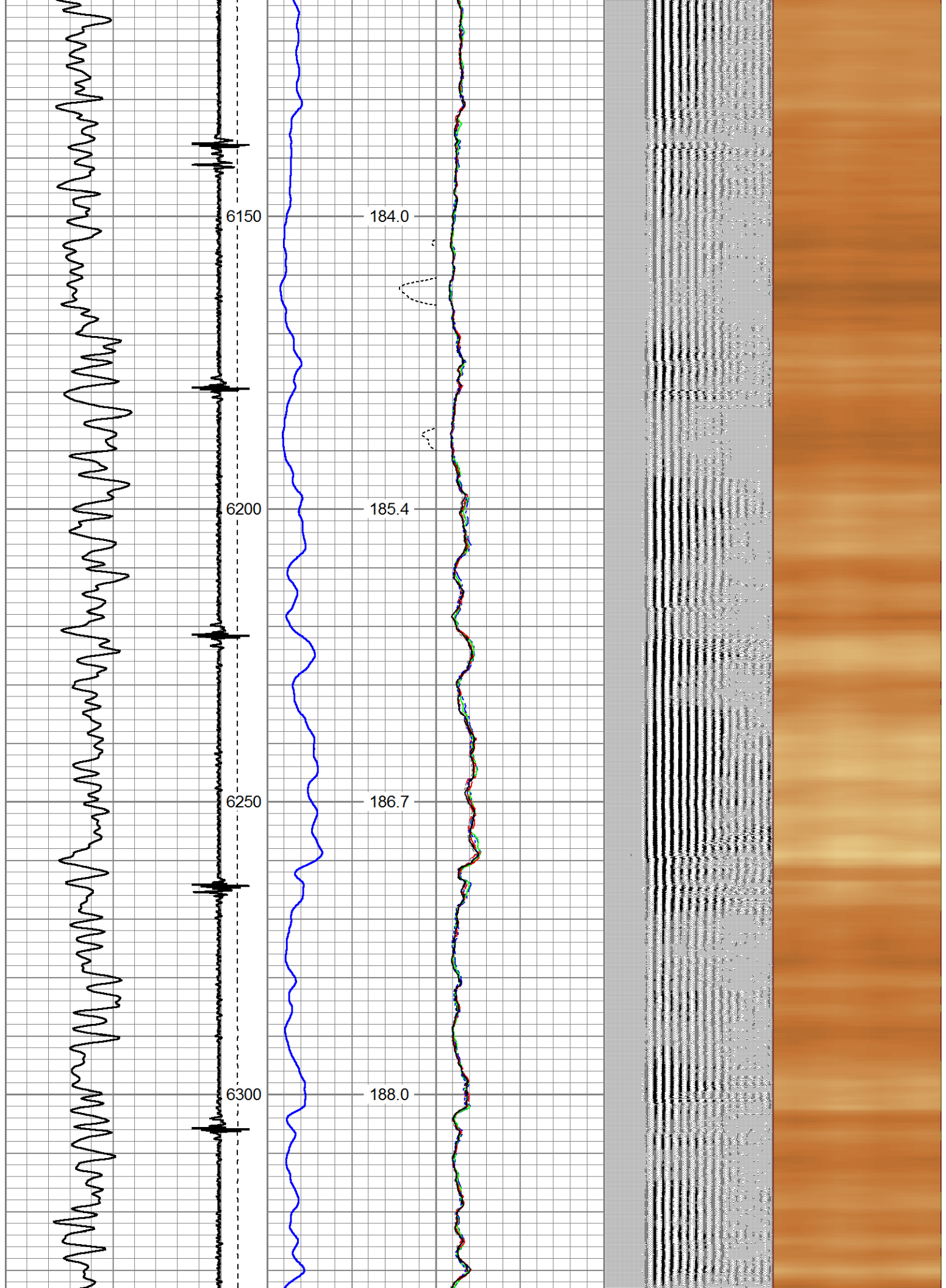




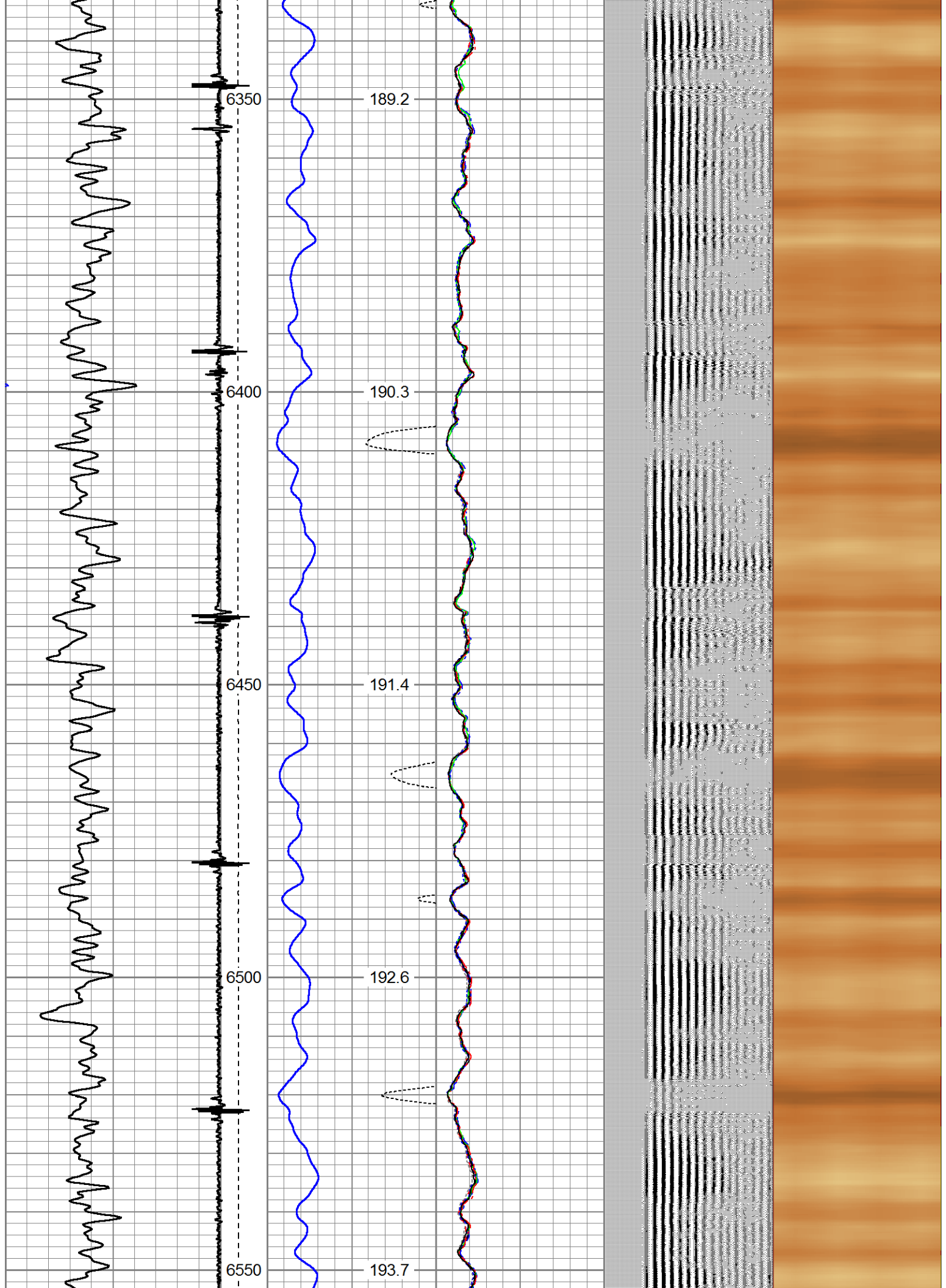




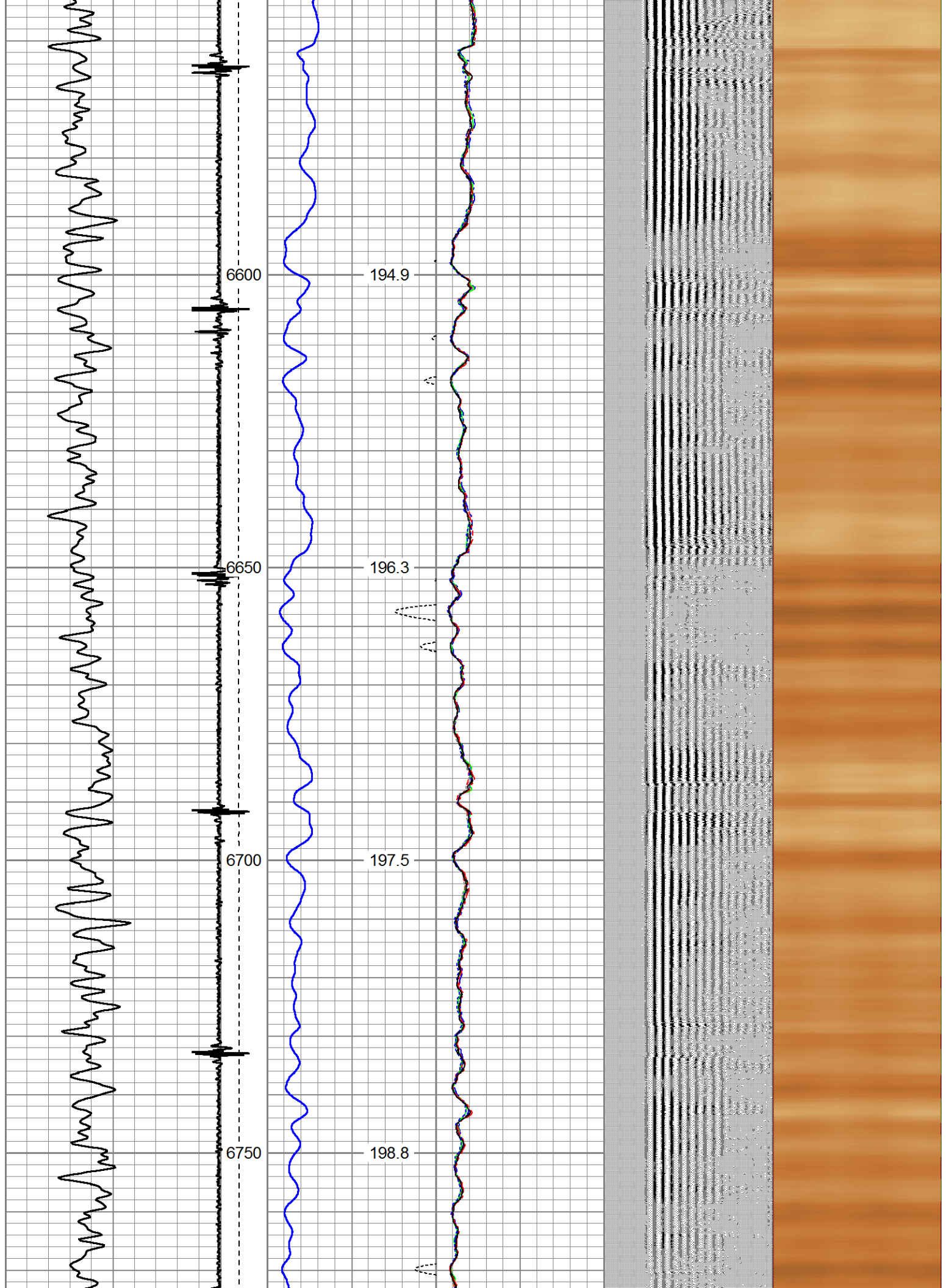


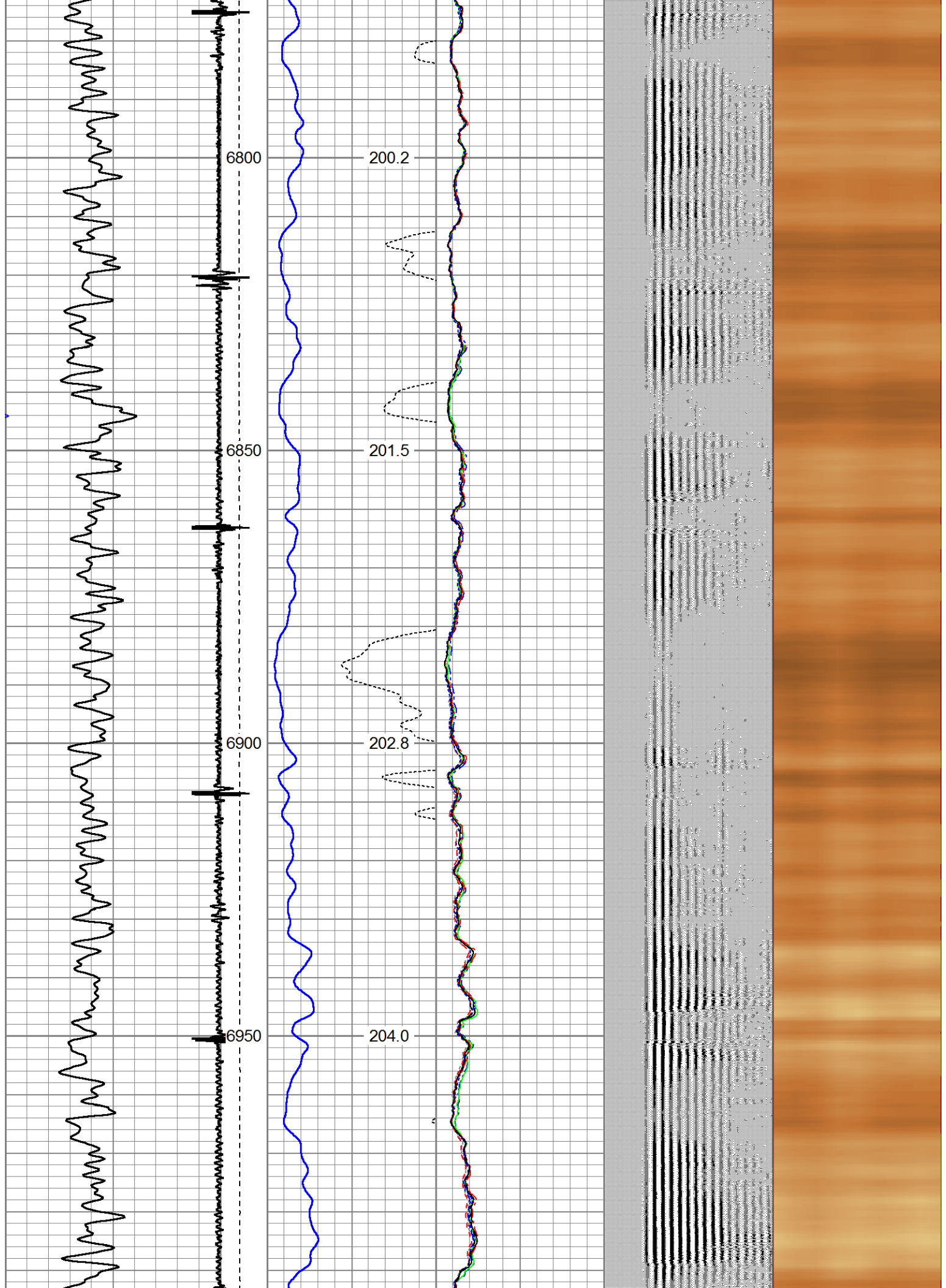




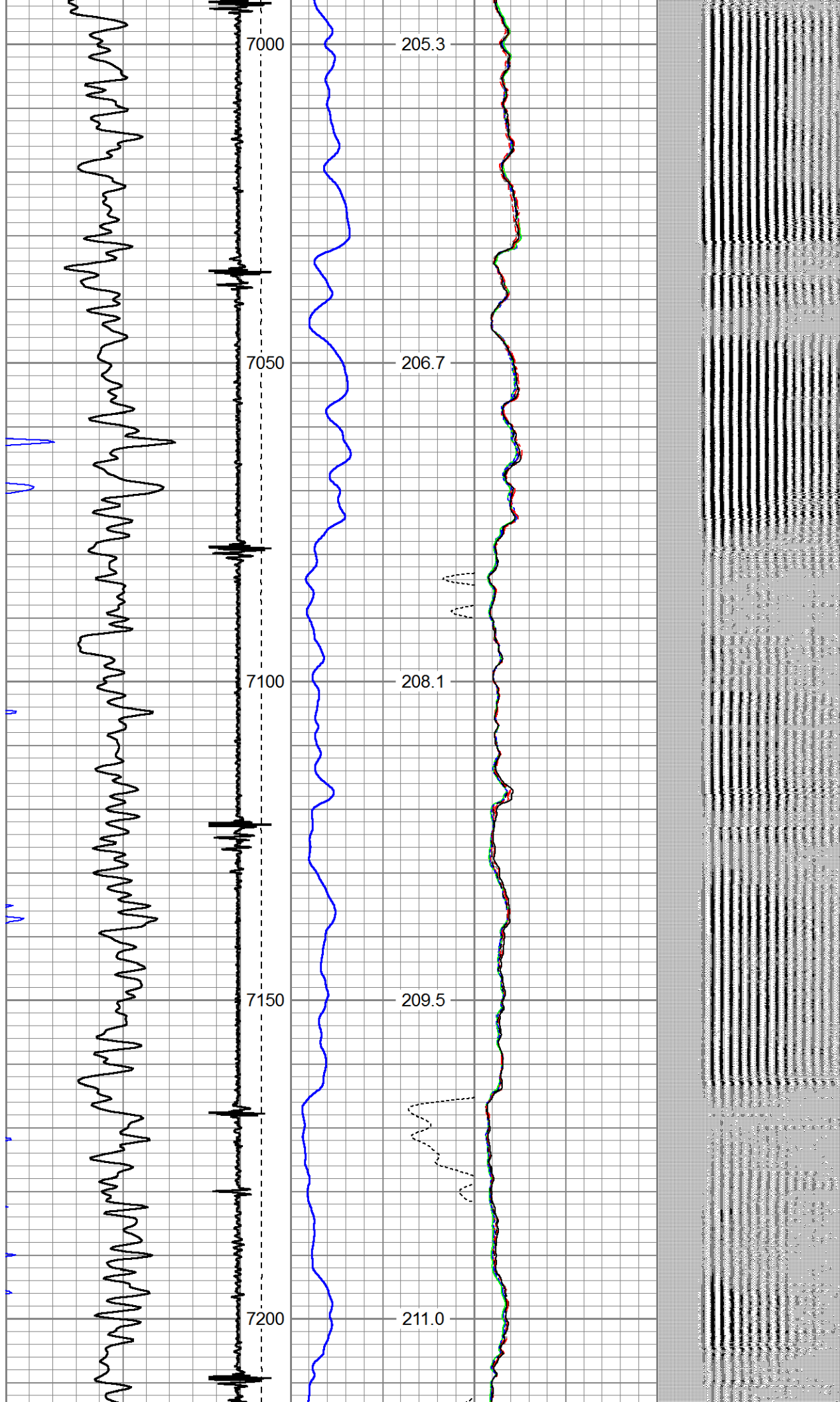




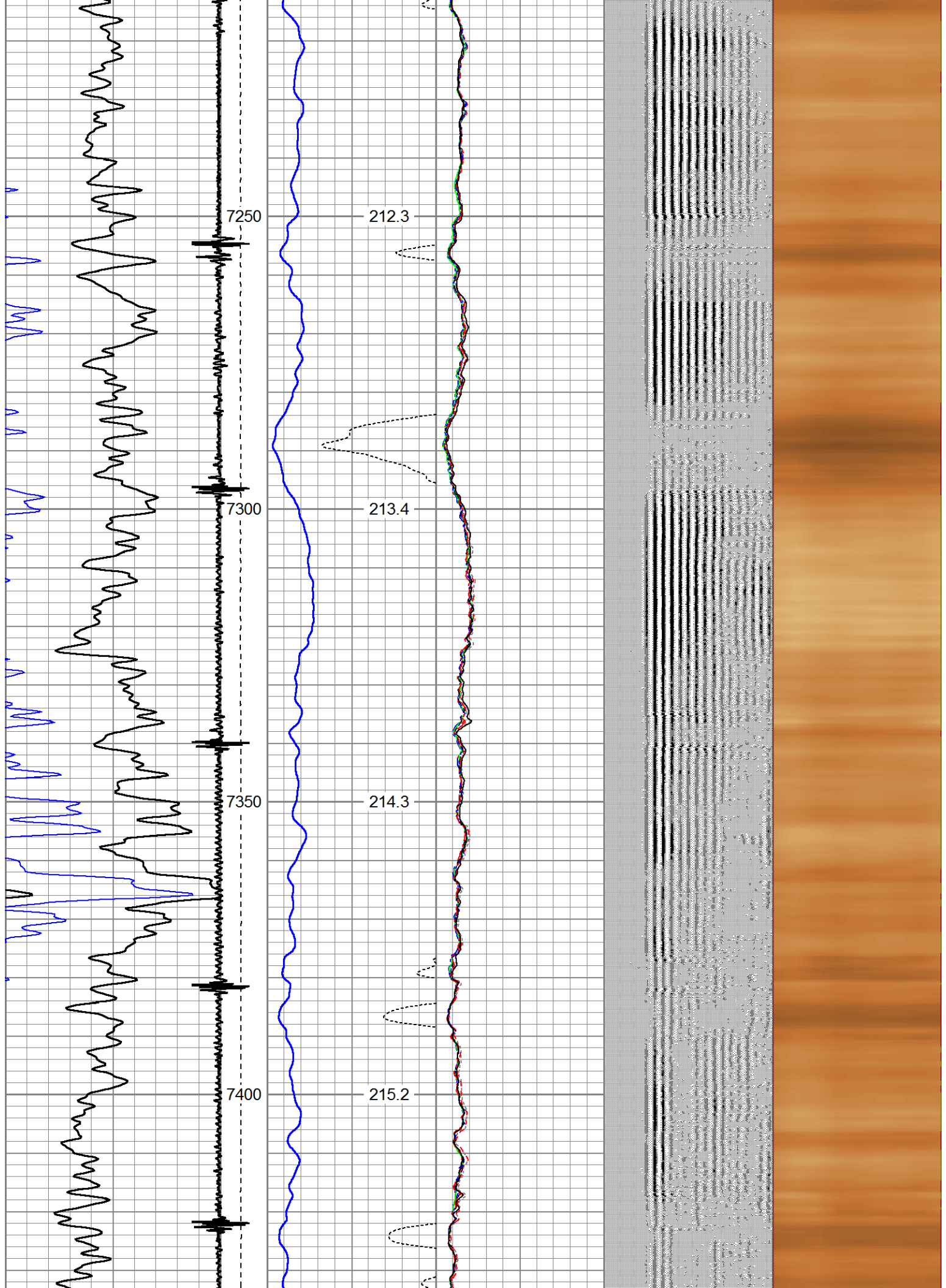


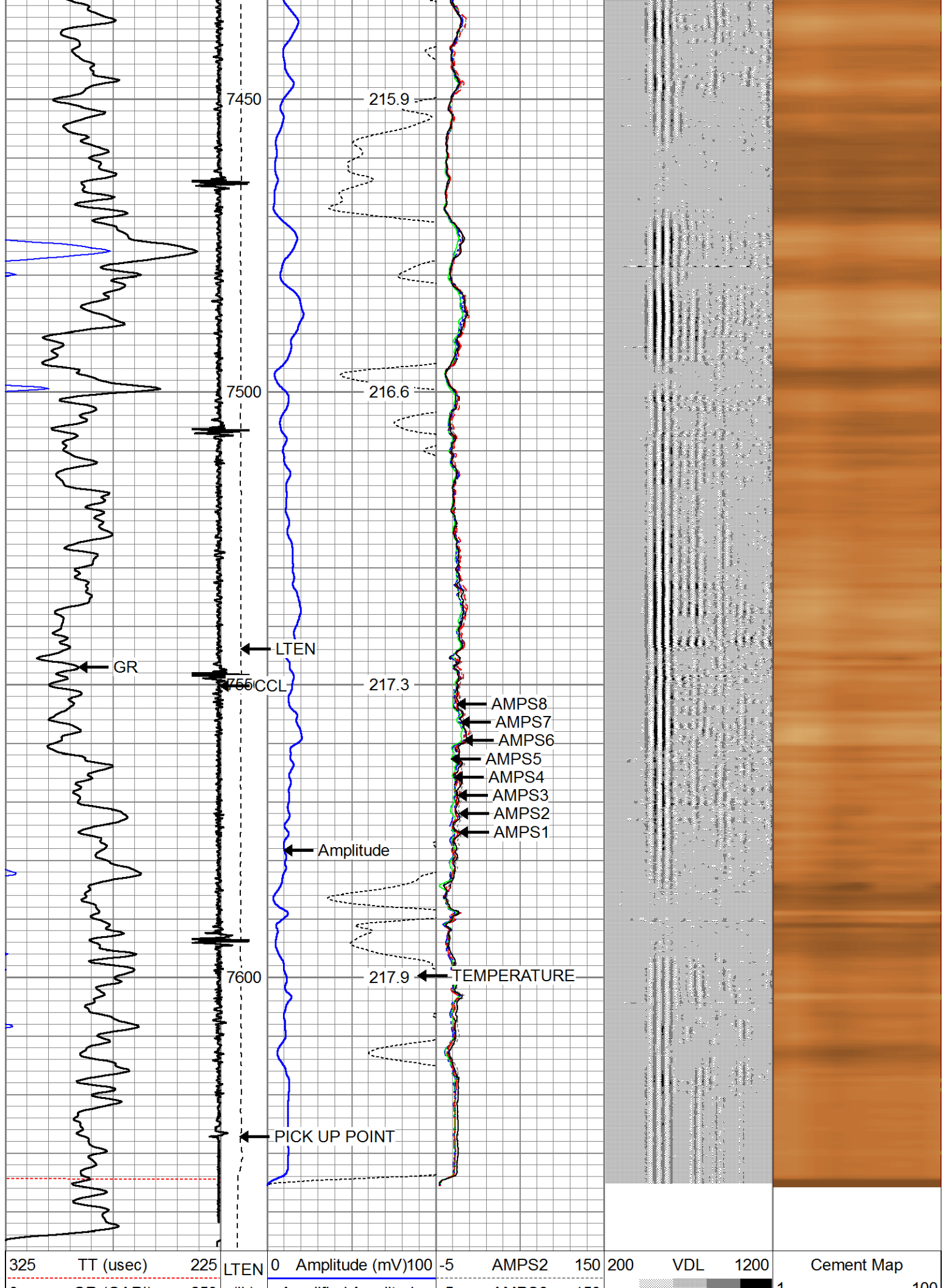












0	GR (GAPI)	250	(lb)	Amplified Amplitude	-5	AMPS3	150
		CCL000	0	(mV)	10	-5	AMPS4 150
				TEMP	-5	AMPS5	150
				(degF)	-5	AMPS6	150
					-5	AMPS7	150
					-5	AMPS8	150
					-5	AMPS1	150



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