



RADIAL CEMENT BOND
GAMMA RAY
CCL

Company	VERDAD OIL AND GAS CORP.		
Well	BRNAK 01N-64W-10-2H		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Location:	API # :		Other Services
	SEC 10 TWP 1N RGE 64W		
	Permanent Datum	GL	
	Log Measured From	KB 16'	
Drilling Measured From	KB	Elevation	K.B. D.F. G.L.

Date	10-04-2017
Run Number	ONE
Depth Driller	17175'
Depth Logger	7249'
Bottom Logged Interval	7249'
Top Log Interval	SURFACE
Open Hole Size	8 3/4"
Type Fluid	WATER
Density / Viscosity	1
Max. Recorded Temp.	213
Estimated Cement Top	SURFACE
Time Well Ready	NA
Time Logger on Bottom	NA
Equipment Number	W-062
Location	WINDSOR, CO
Recorded By	A. STEERMAN
Witnessed By	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size	Wgt/Ft	Top	Bottom			
Surface String							
Prot. String							
Production String							
Liner							

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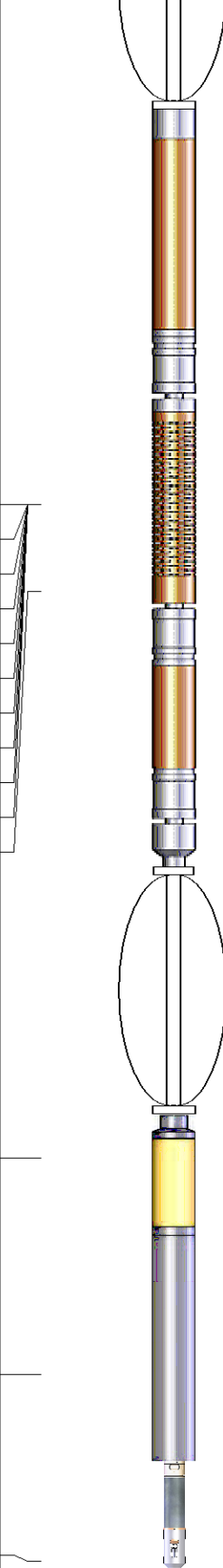
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 CBL TO VERIFY CEMENT BOND
MARKER JOINT @ 6418'

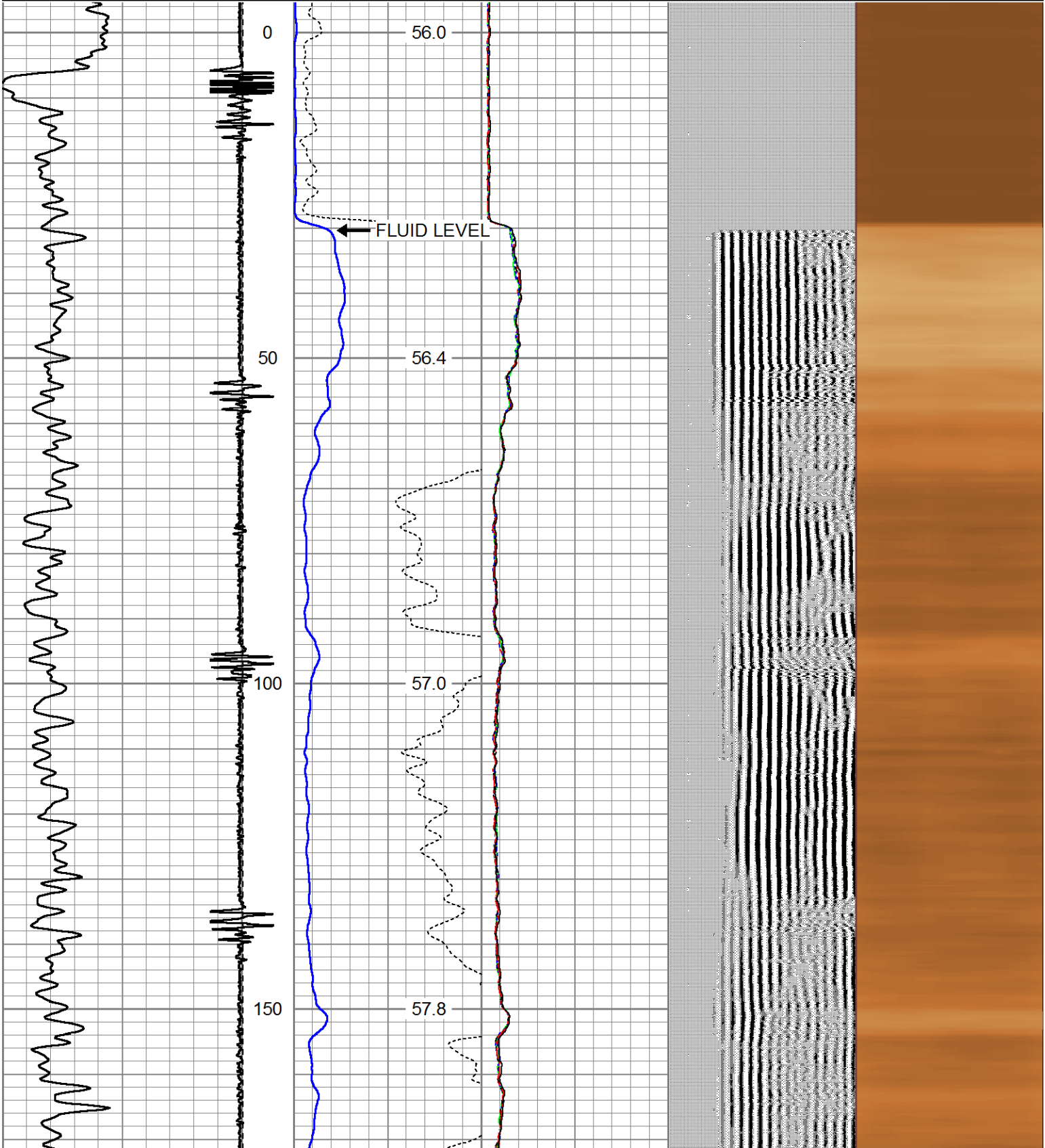
THANK YOU FOR USING CUTTERS WIRELINE

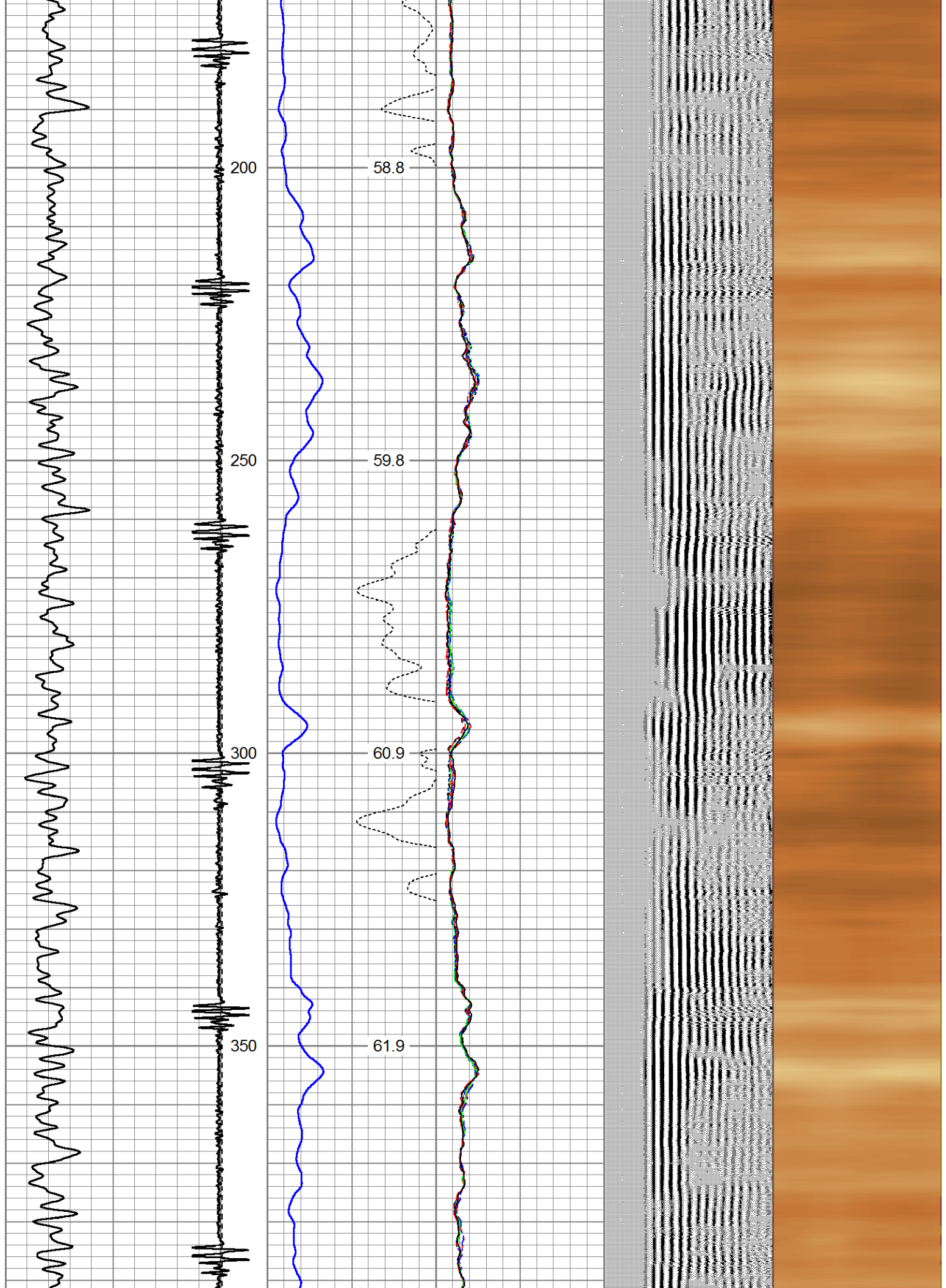
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Probe	2.88	2.75	20.00

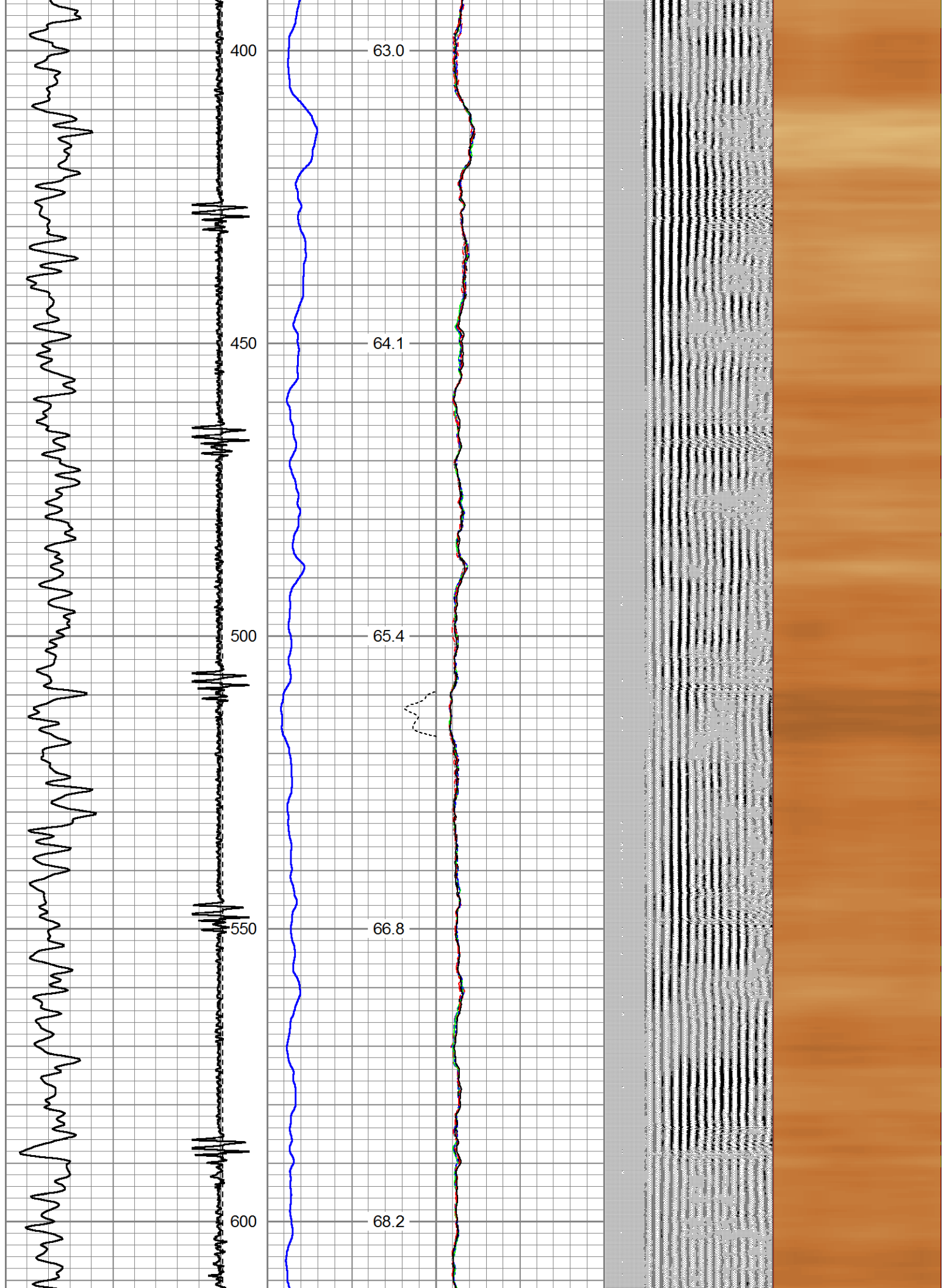
			Probe 2 3/4 Centralizer			
WVF3FT	12.31		RBT-Probe (060112_55) Probe 2.75" Radii Bond Tool	8.75	2.75	90.00
WVFCAL	12.31					
WVFS1	12.31					
WVFS2	12.31					
WVFS3	12.31					
WVFS4	12.31					
WVFS5	12.31					
WVFS6	12.31					
WVFS7	12.31					
WVFS8	12.31					
WVF5FT	11.31					
			Probe Probe 2 3/4 Centralizer	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: brnak 01-64w-10-2h.db: field/well/run1/pass7 Total Length: 19.75 ft Total Weight: 190.00 lb O.D.: 2.75 in						

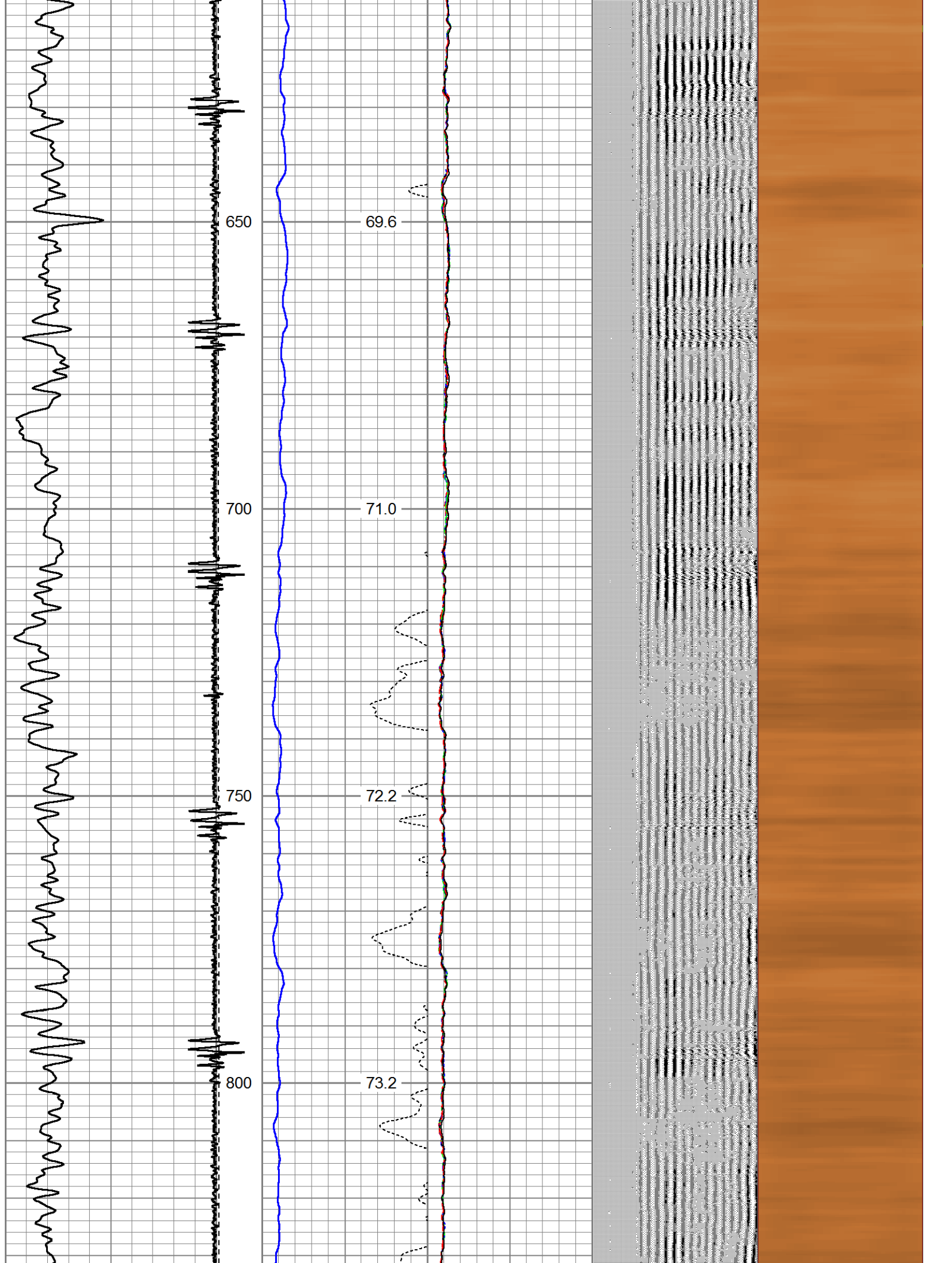
Database File: brnak 01-64w-10-2h.db
 Dataset Pathname: pass7
 Presentation Format: rbl55
 Dataset Creation: Wed Oct 04 11:27:23 2017 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

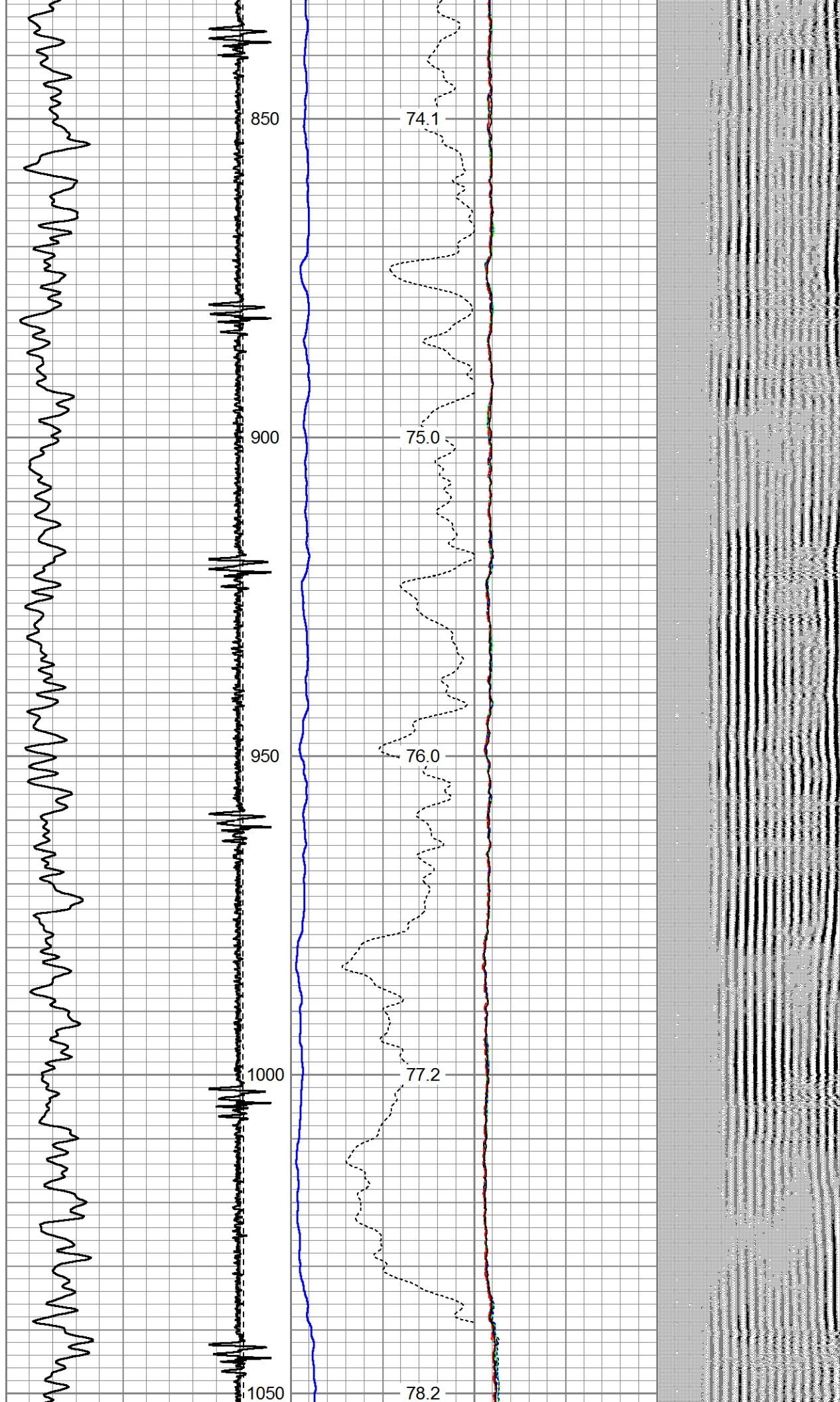
Charted by:		Depth in Feet scaled 1.240											
325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	250	(lb)	0	Amplified Amplitude		-5	AMPS3	150				
			CCL000	0	(mV)	10	-5	AMPS4	150				
					TEMP		-5	AMPS5	150				
					(degF)		-5	AMPS6	150				
							-5	AMPS7	150				
							-5	AMPS8	150				
							-5	AMPS1	150				

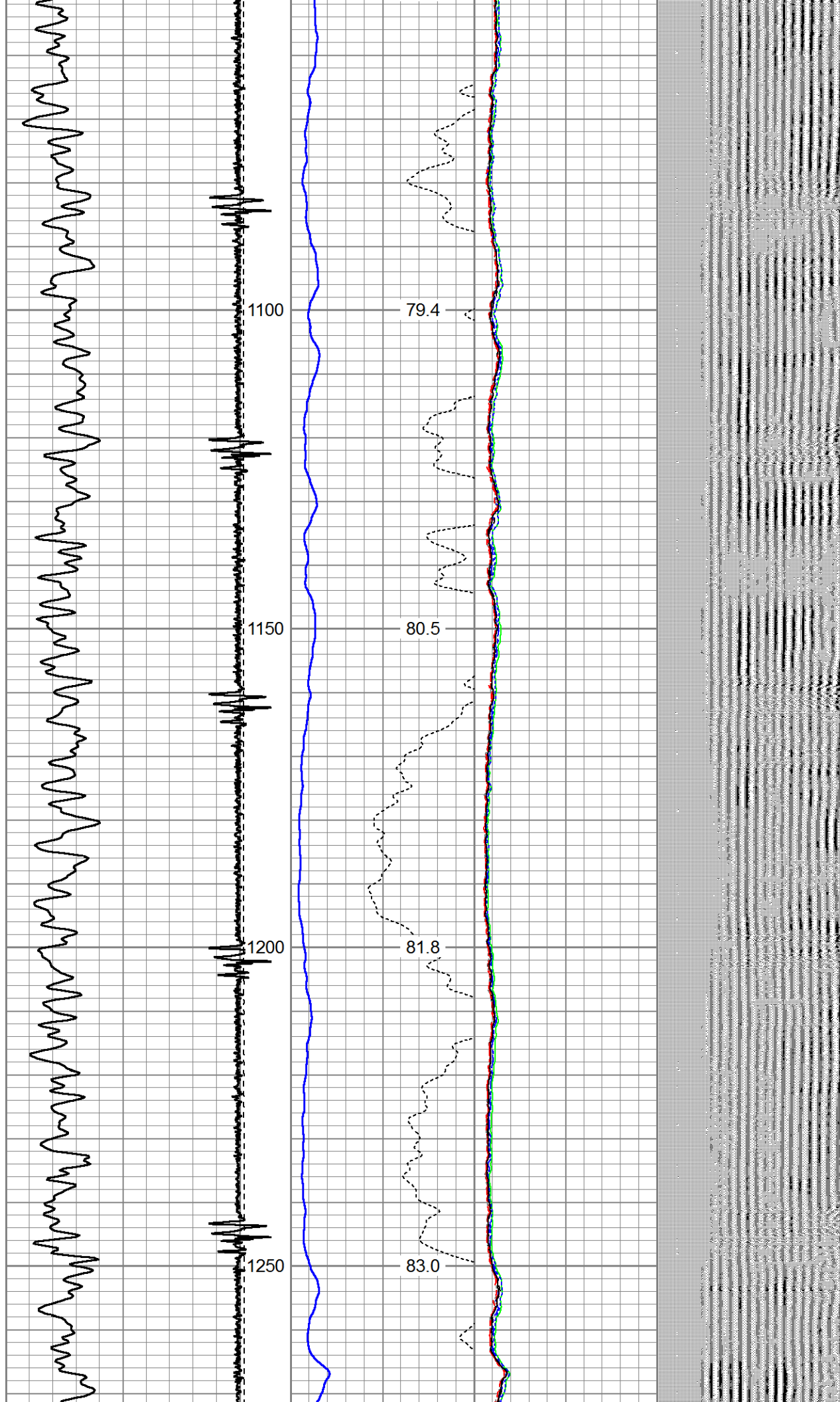


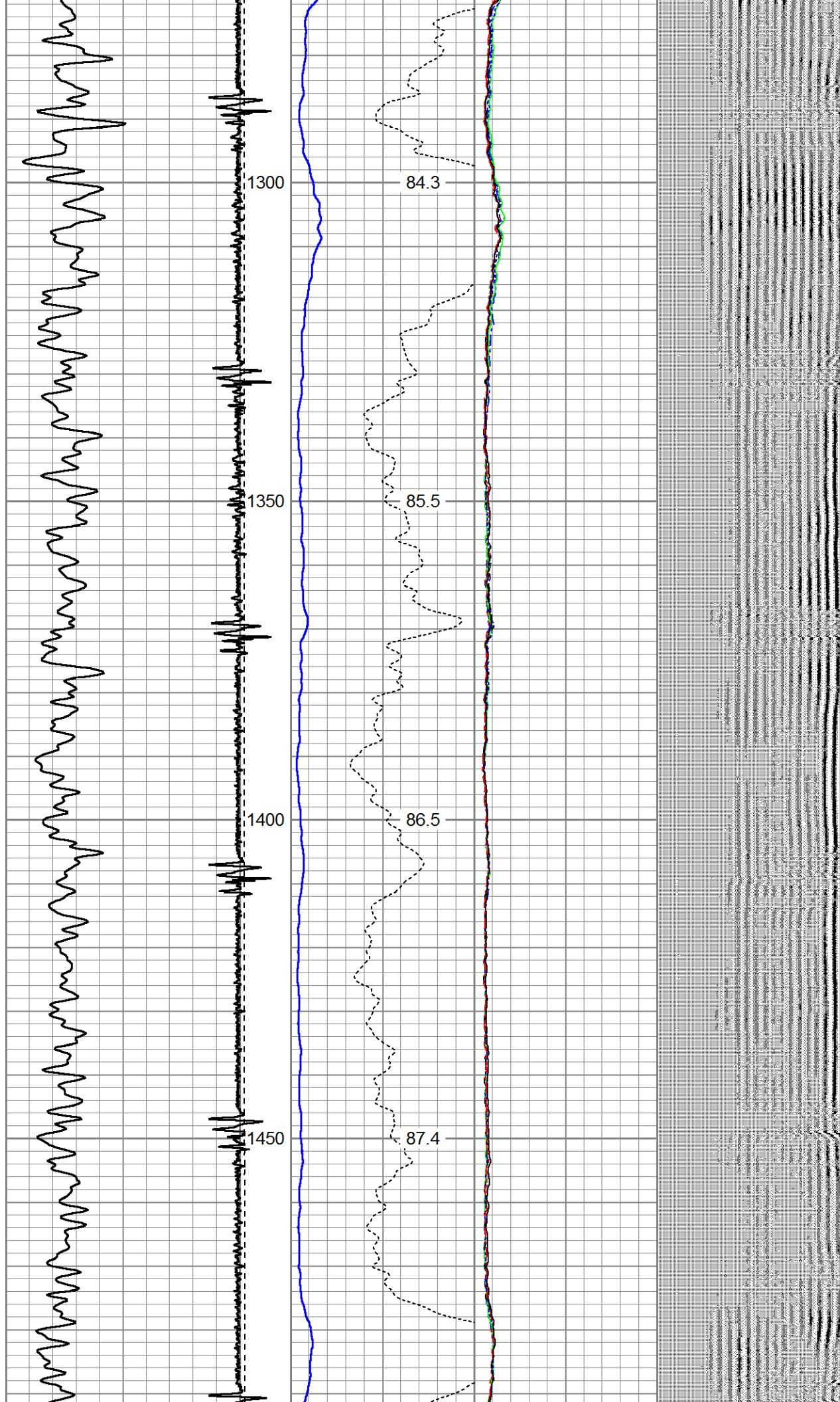


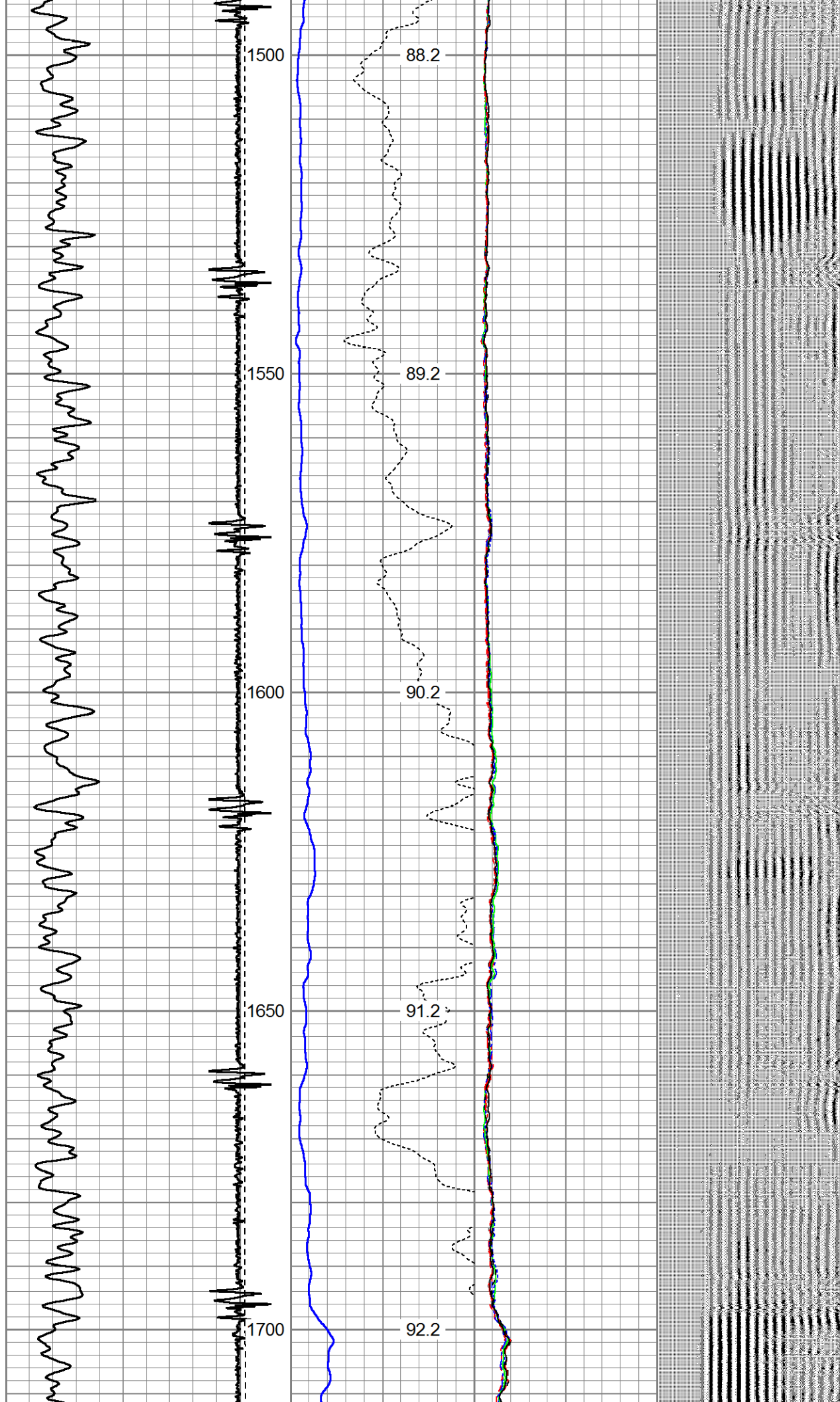


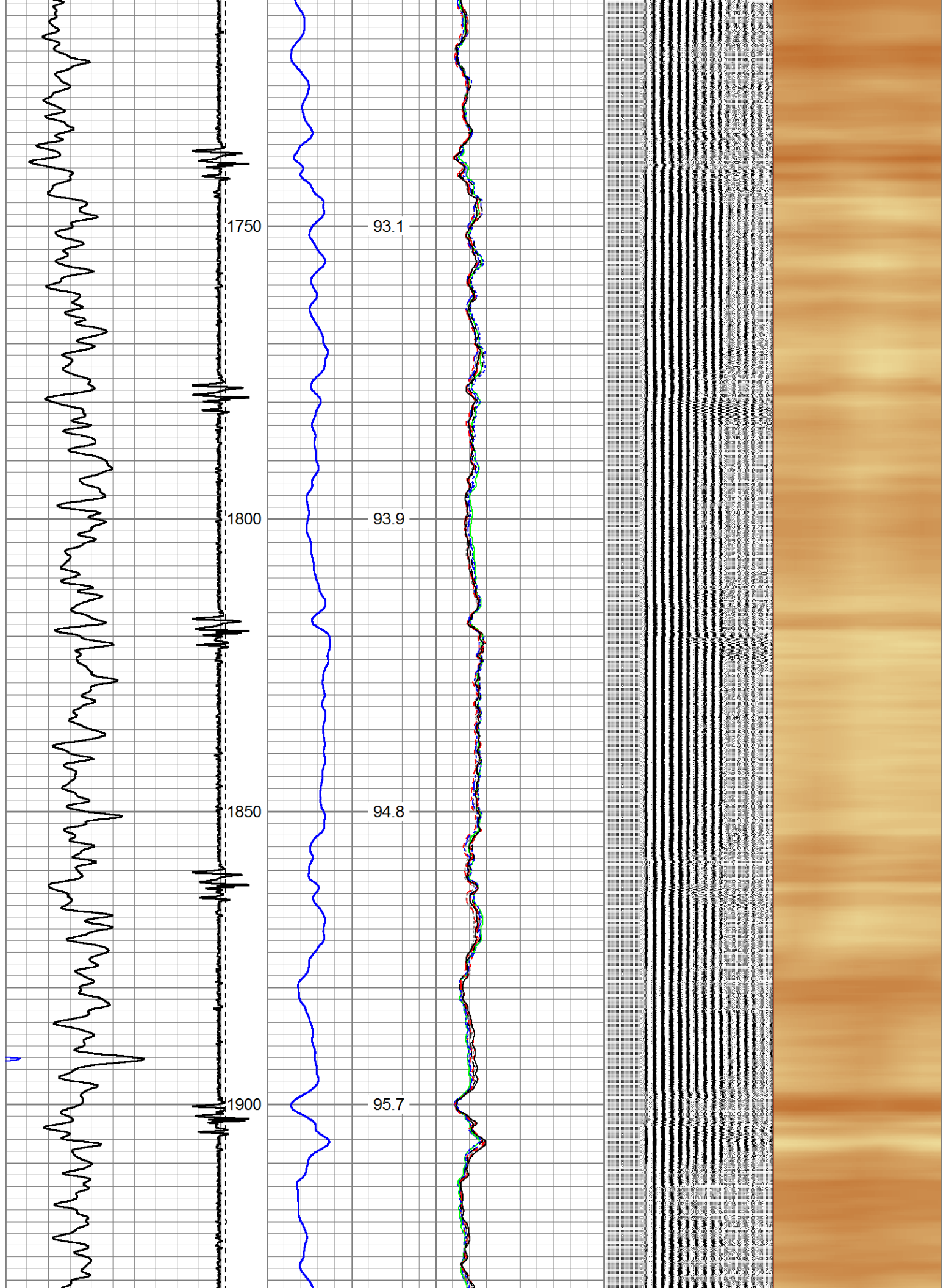


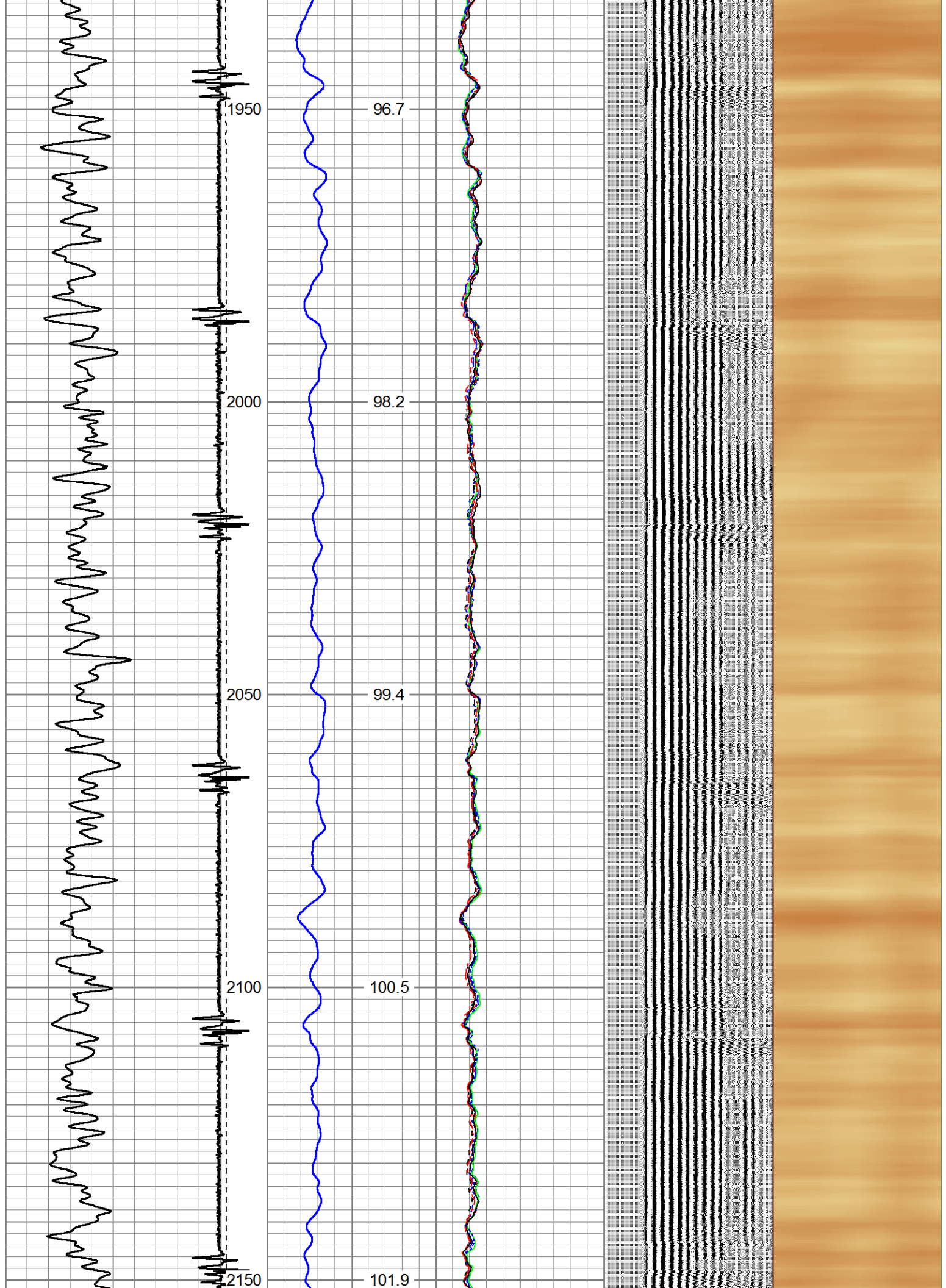


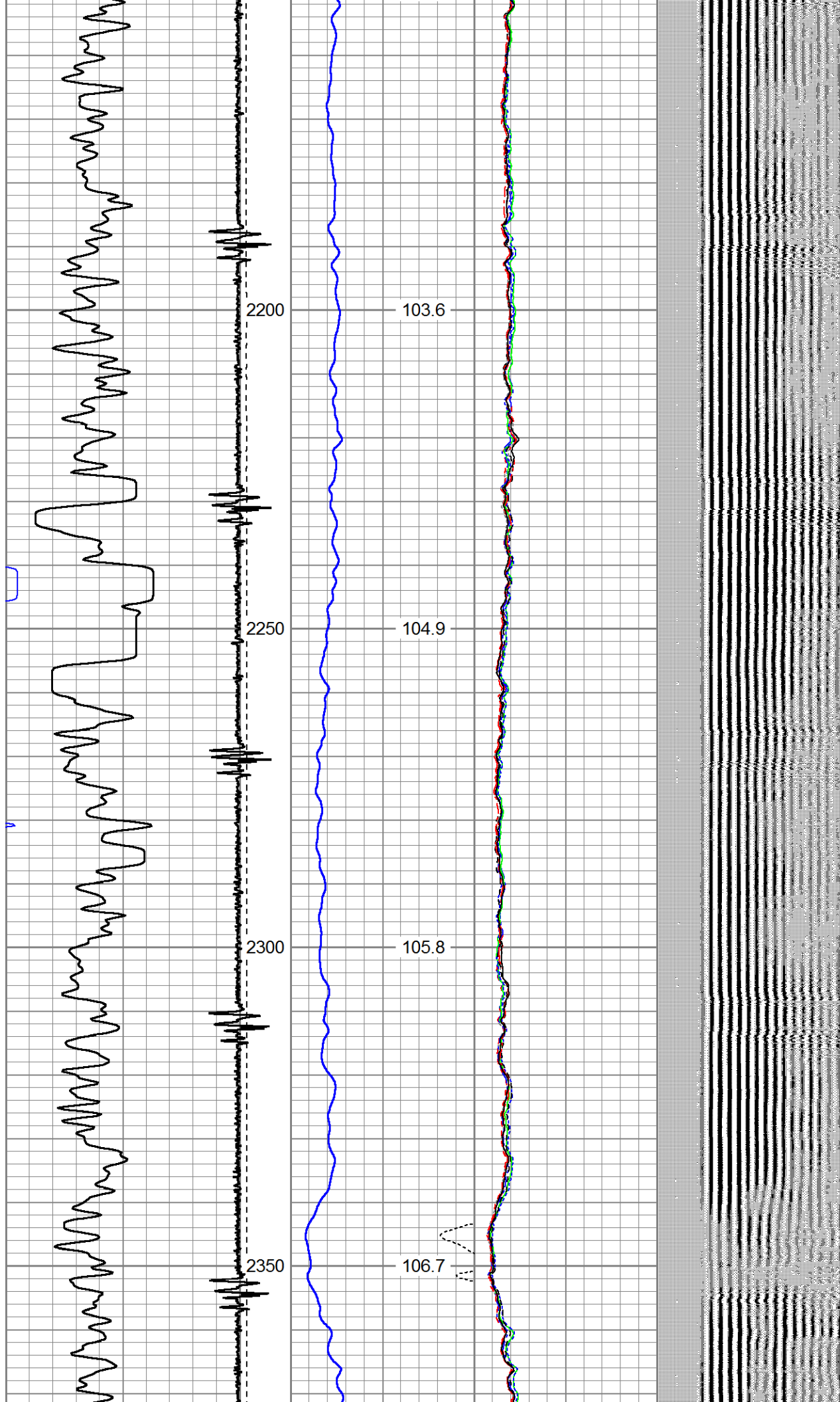


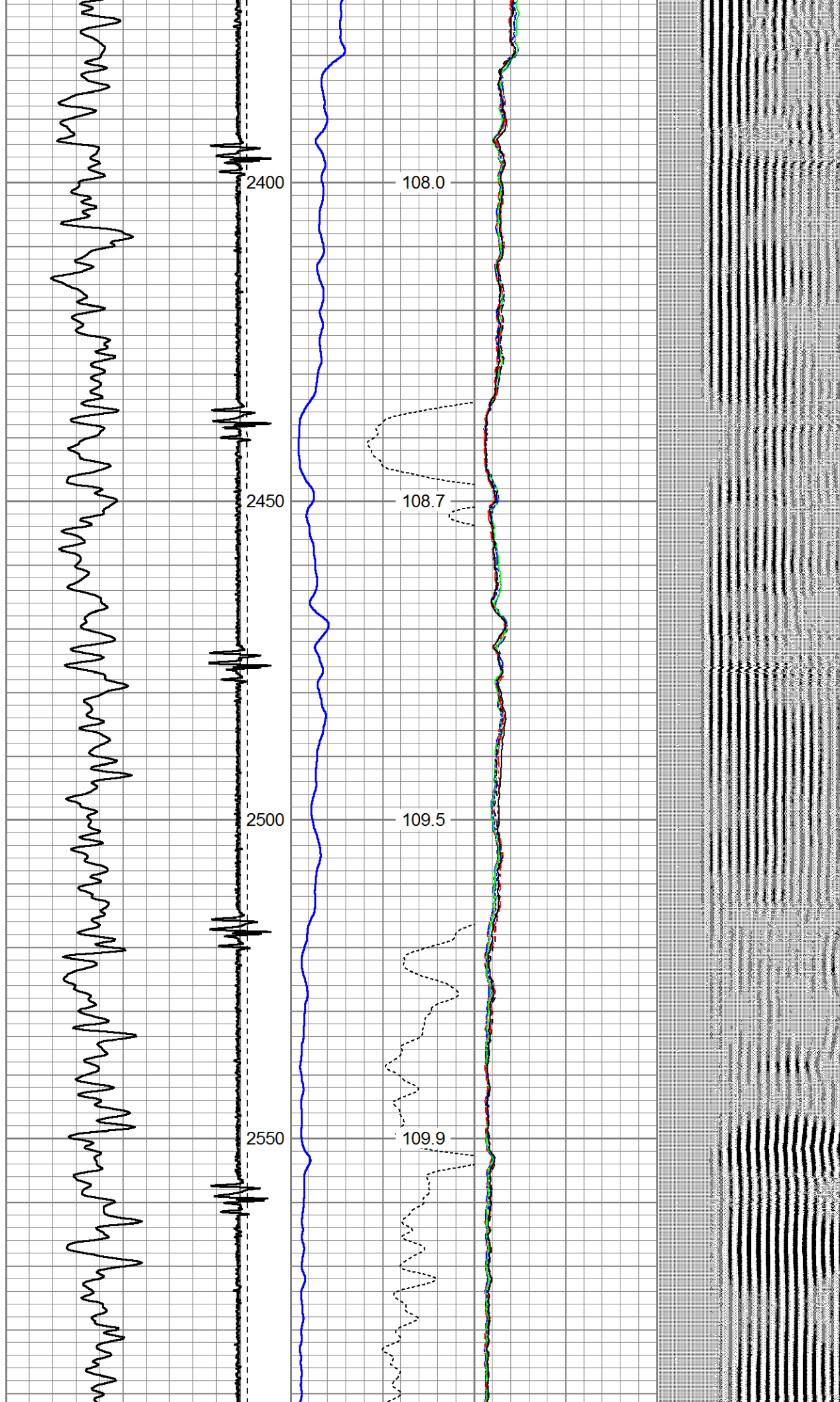


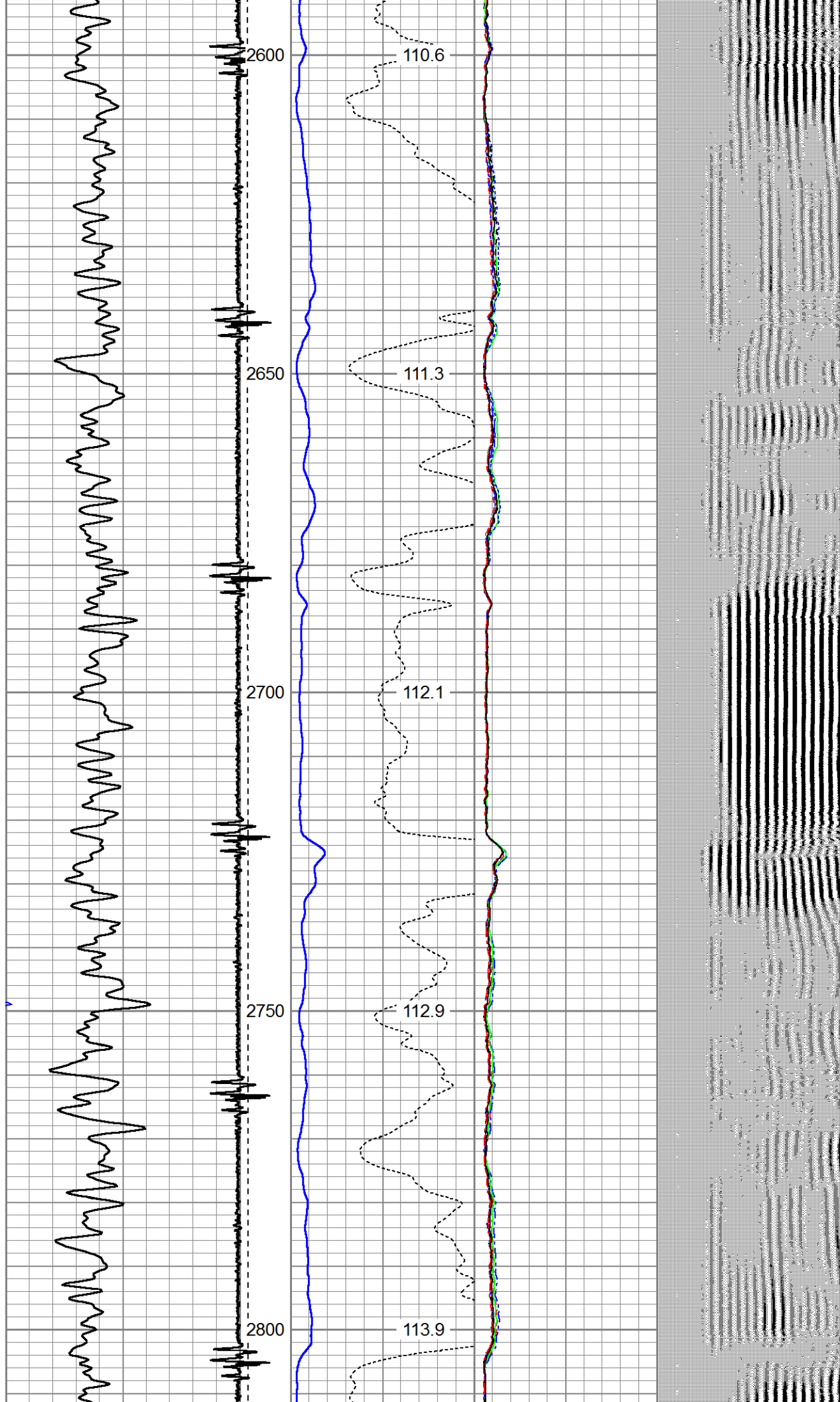


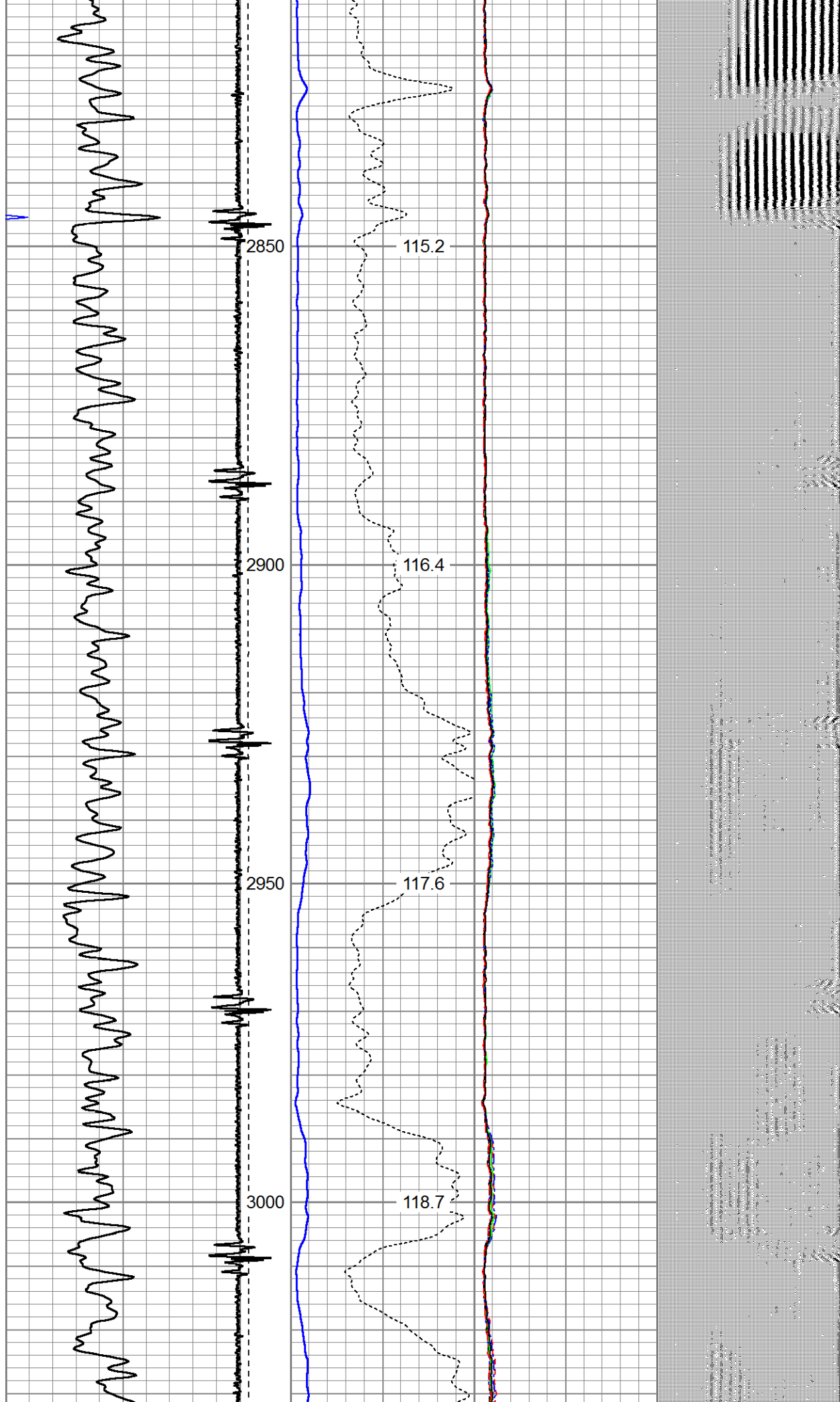


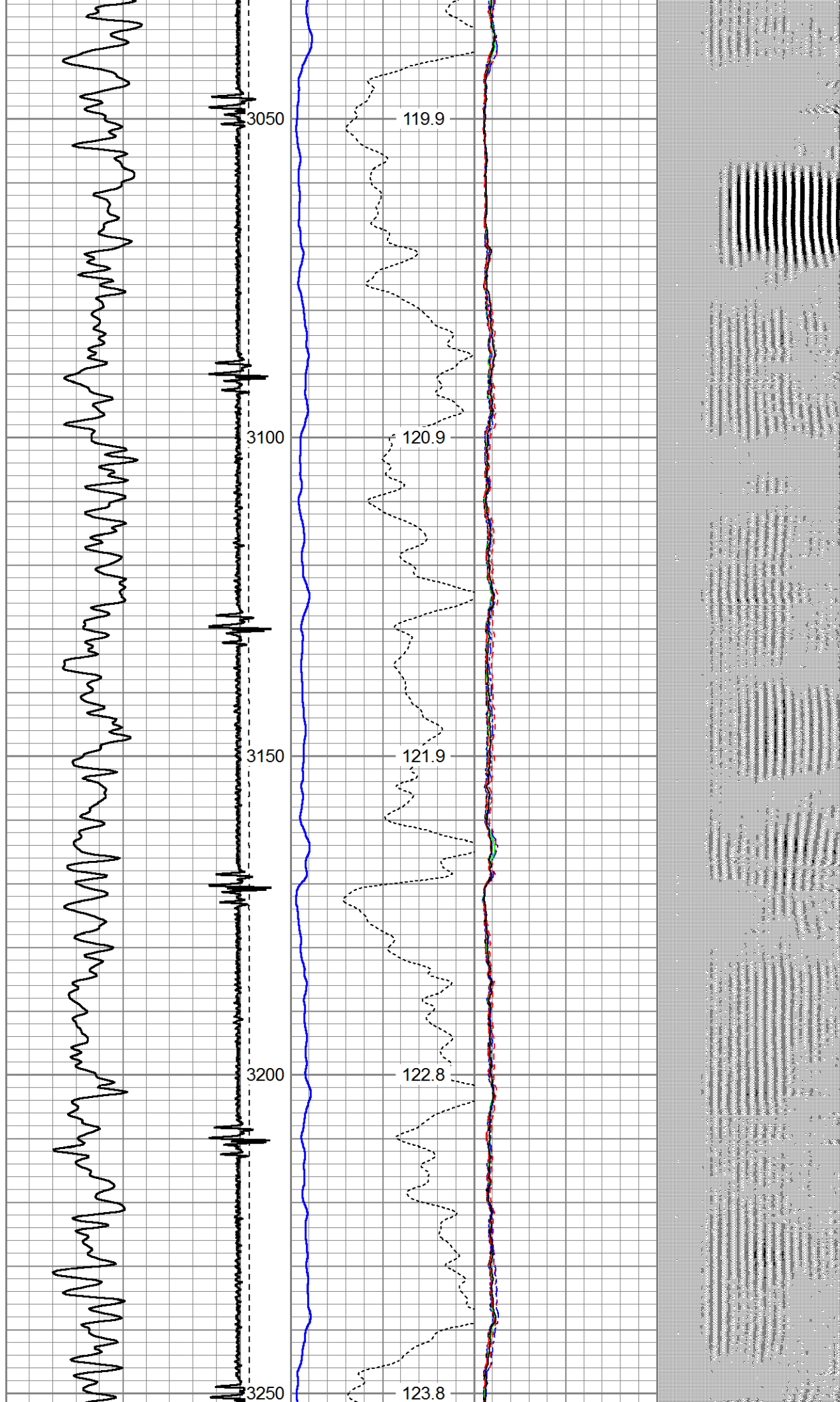


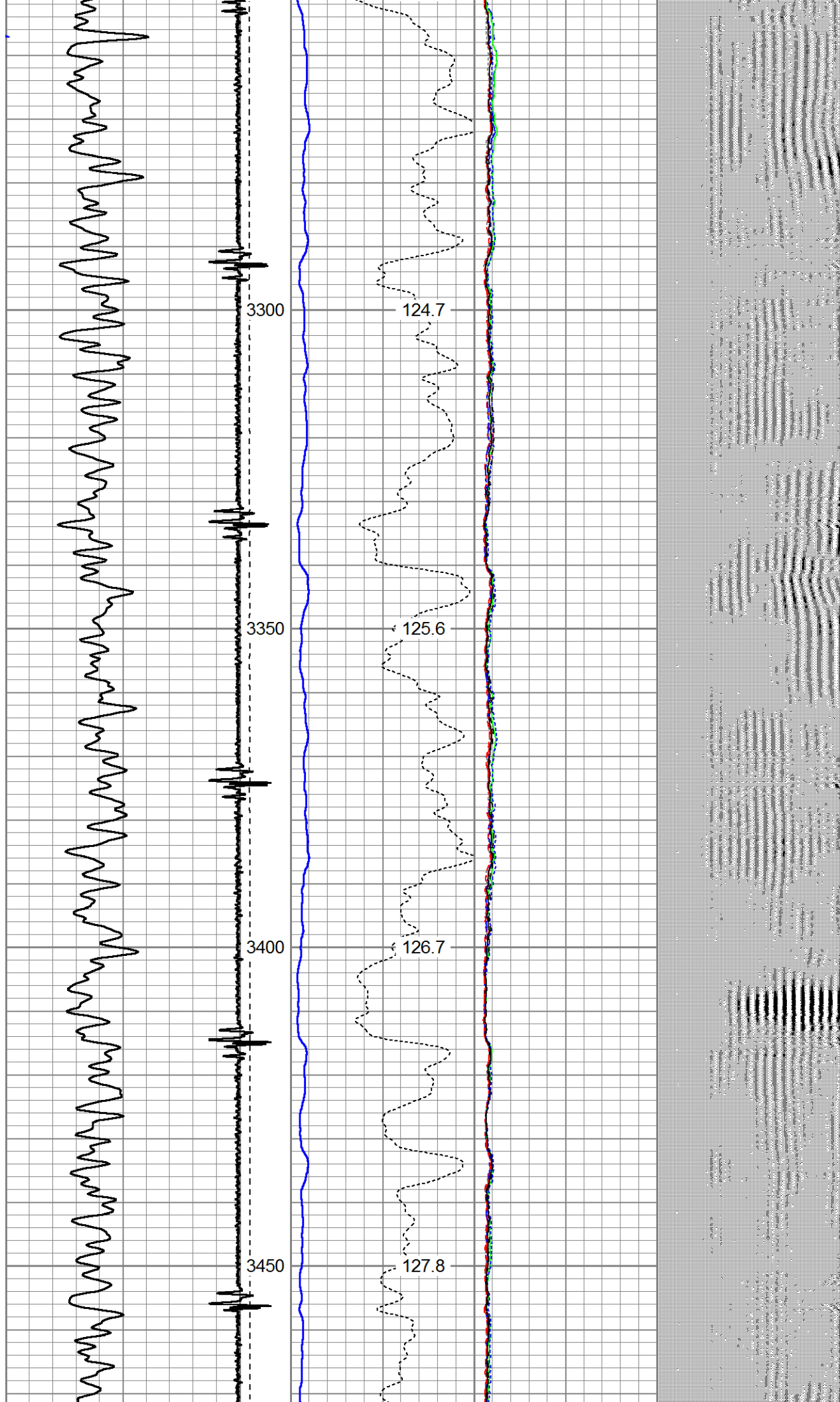


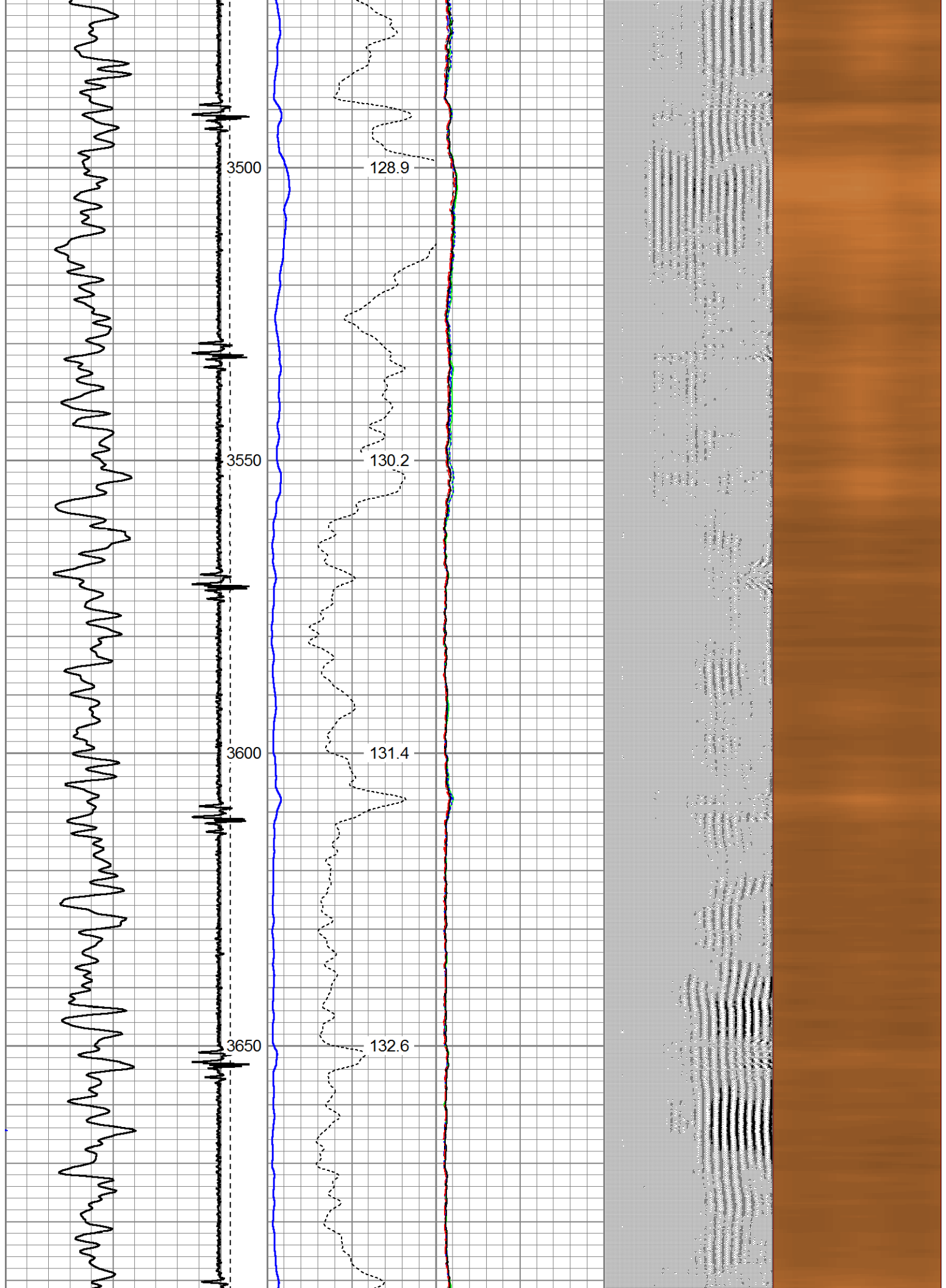


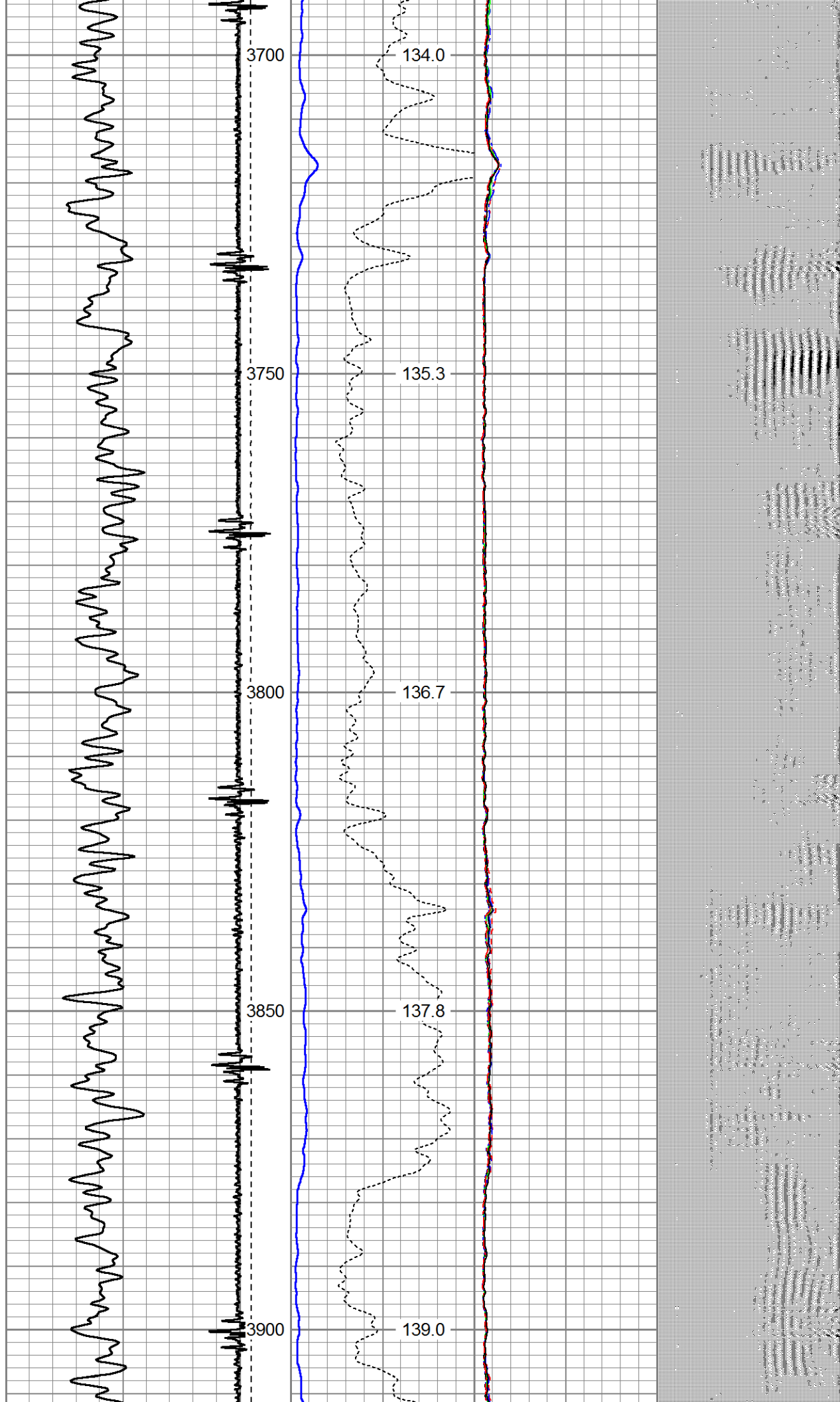


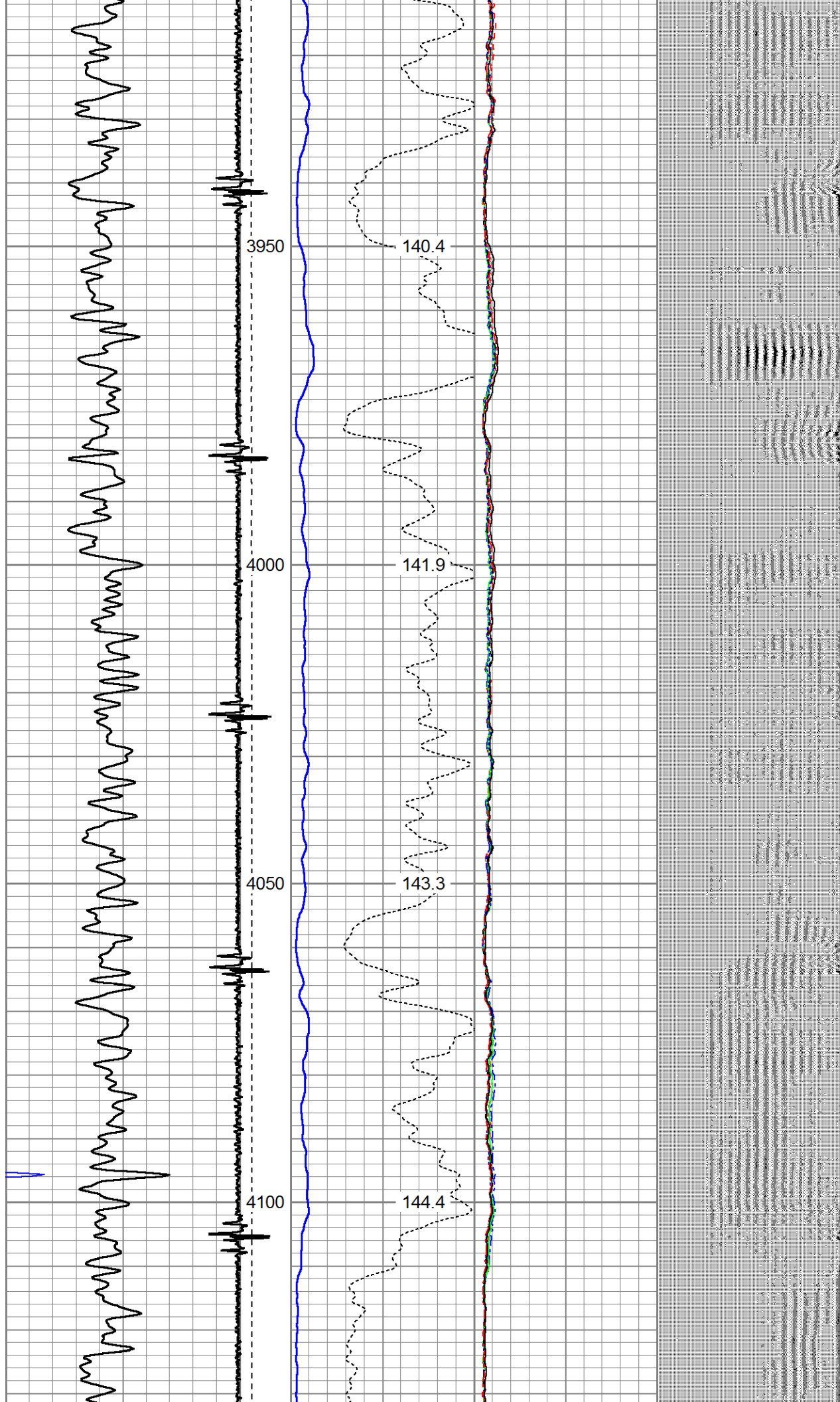


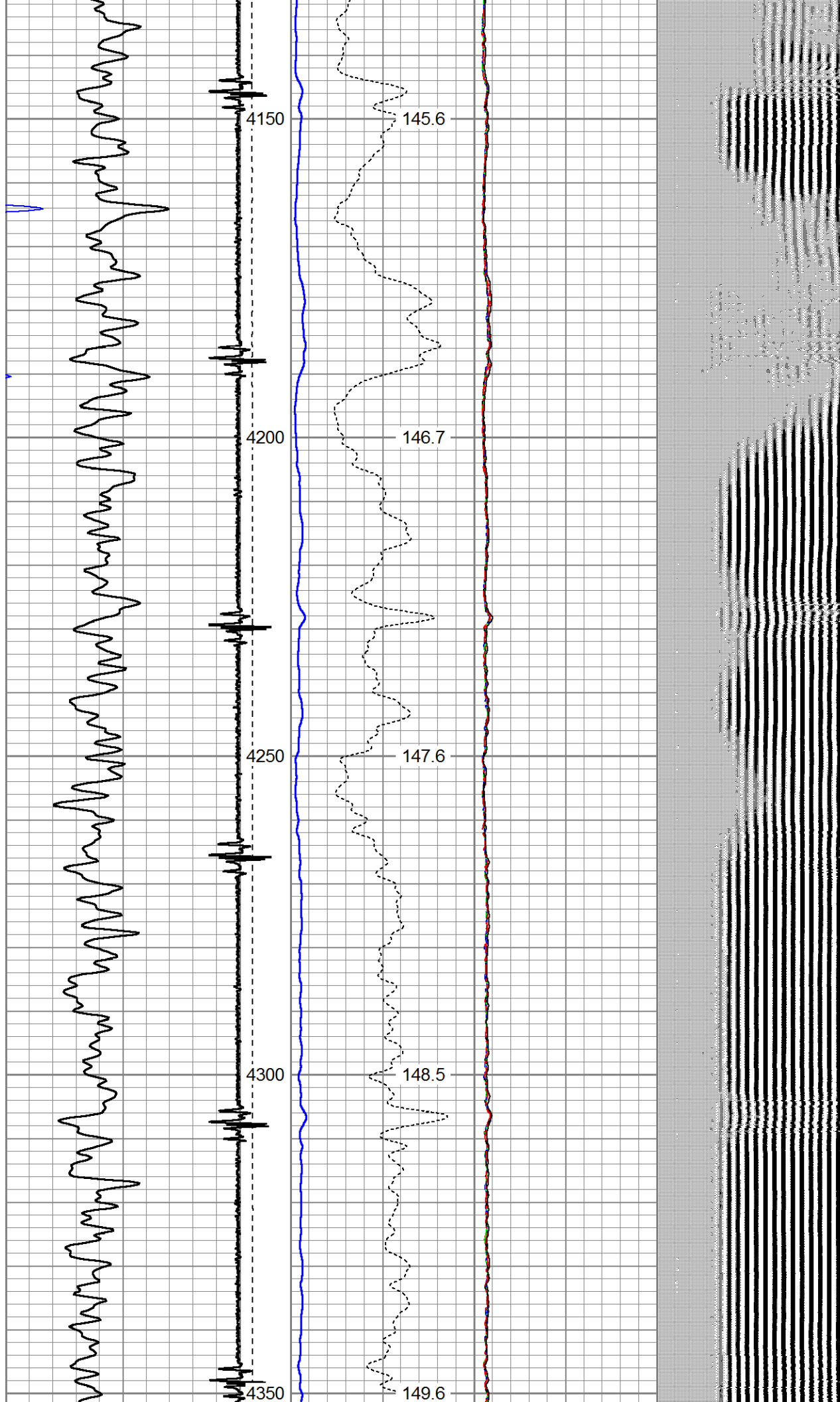


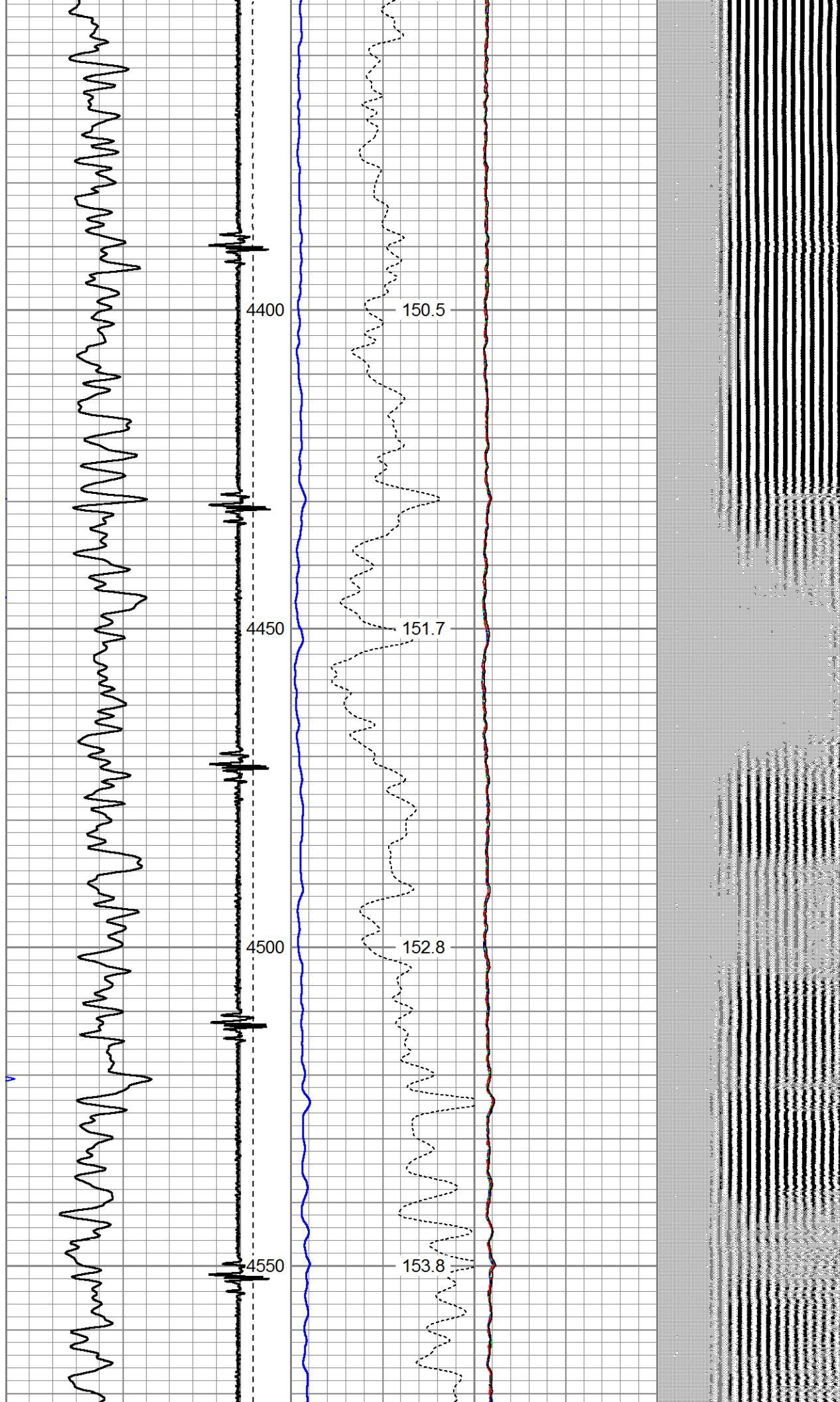


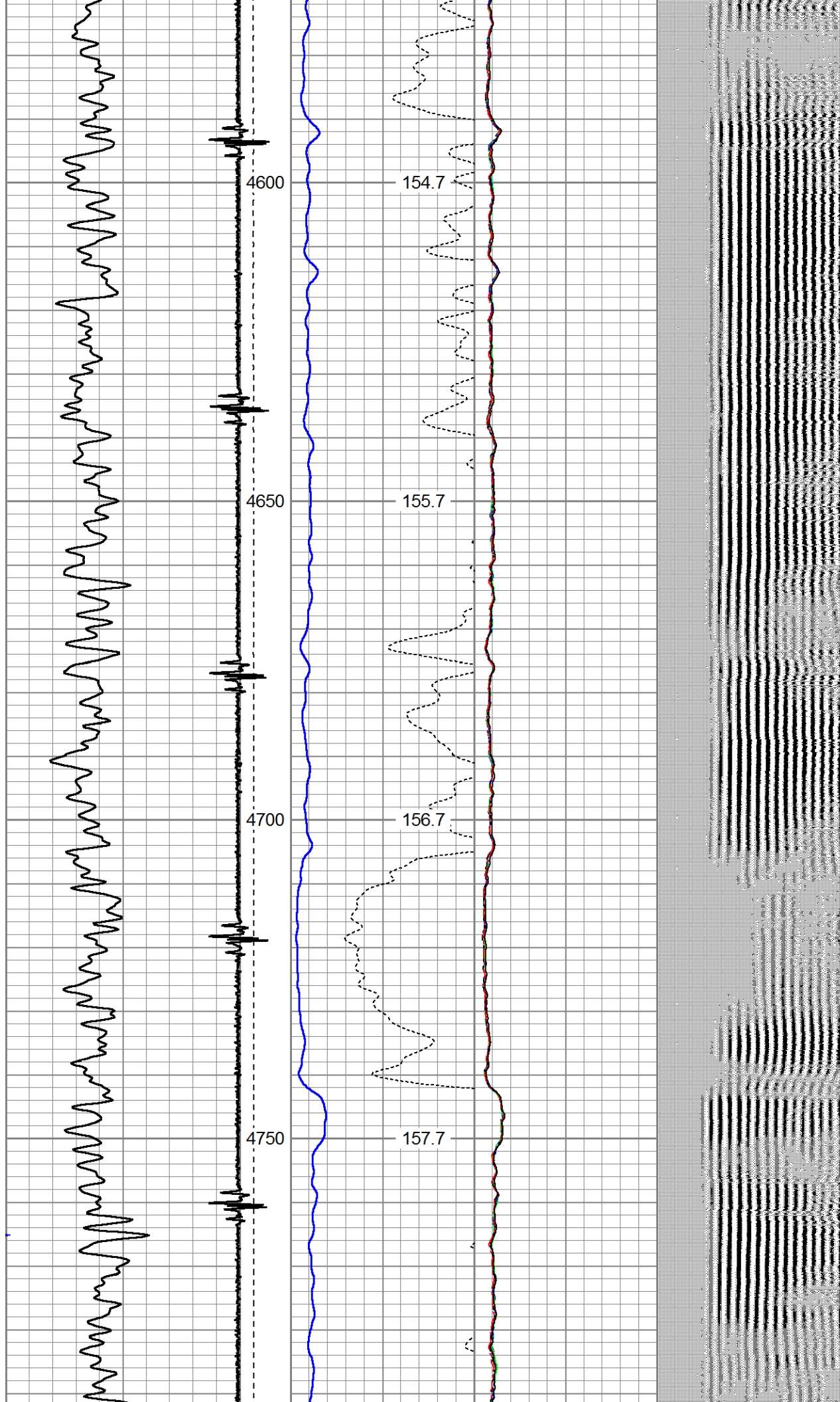


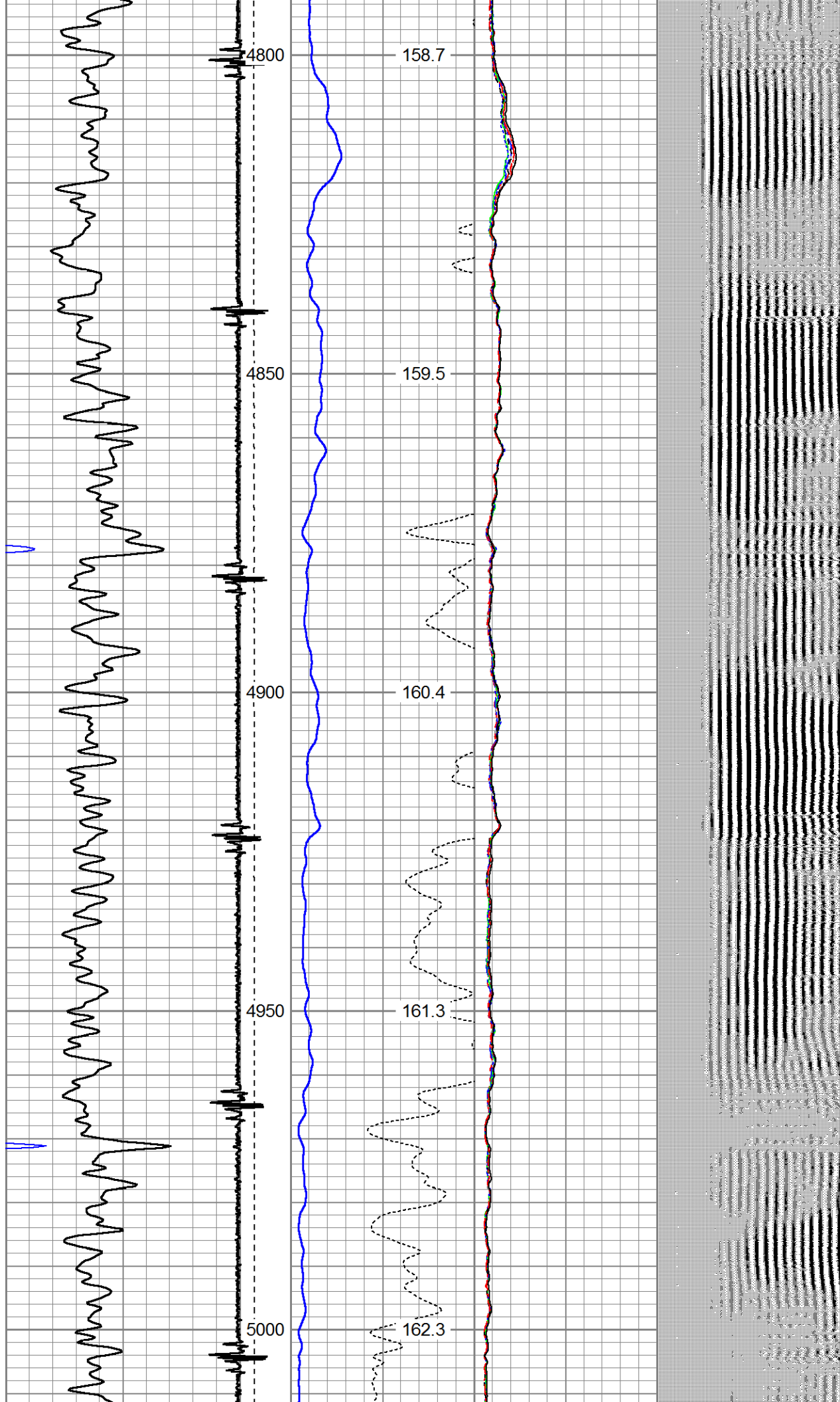


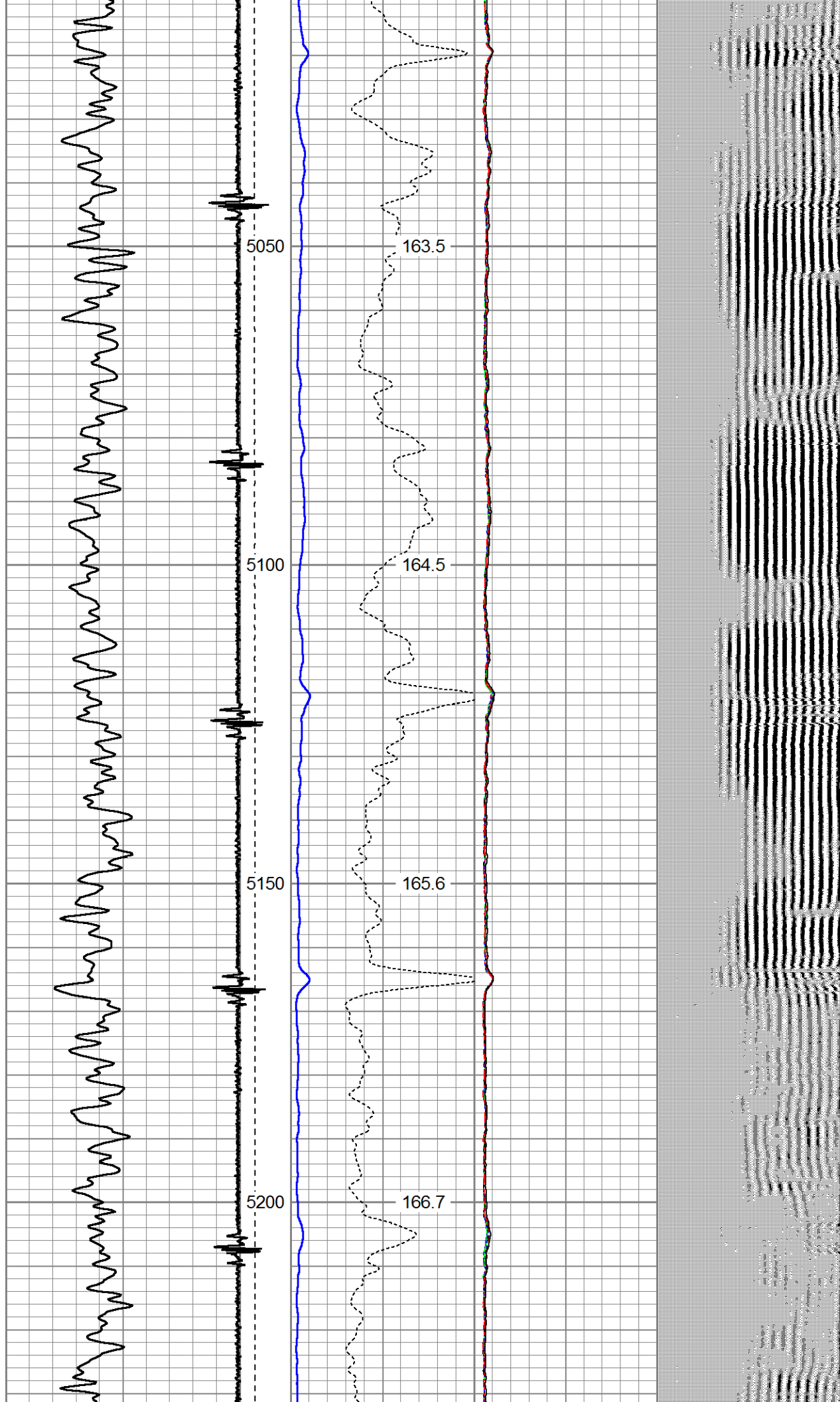


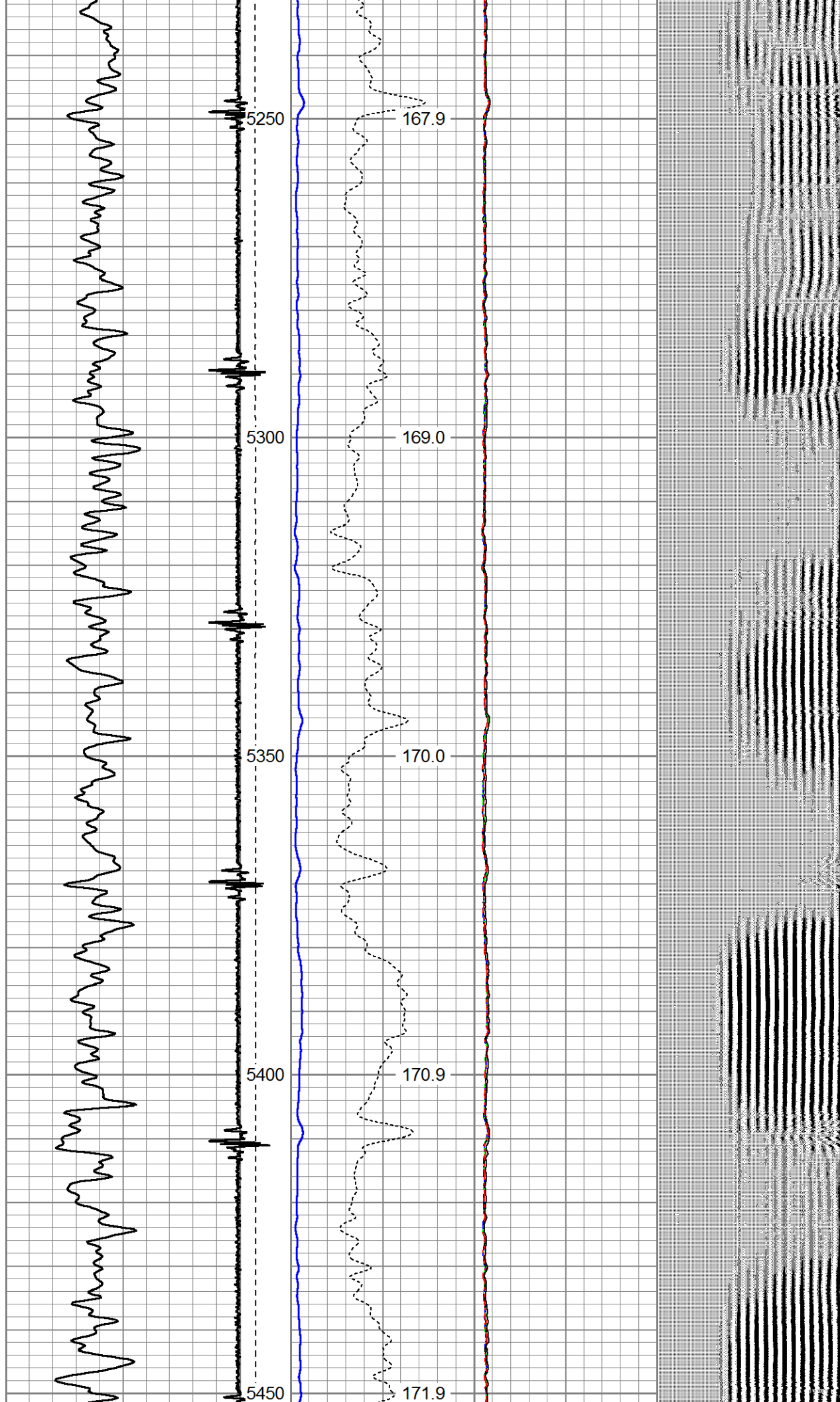


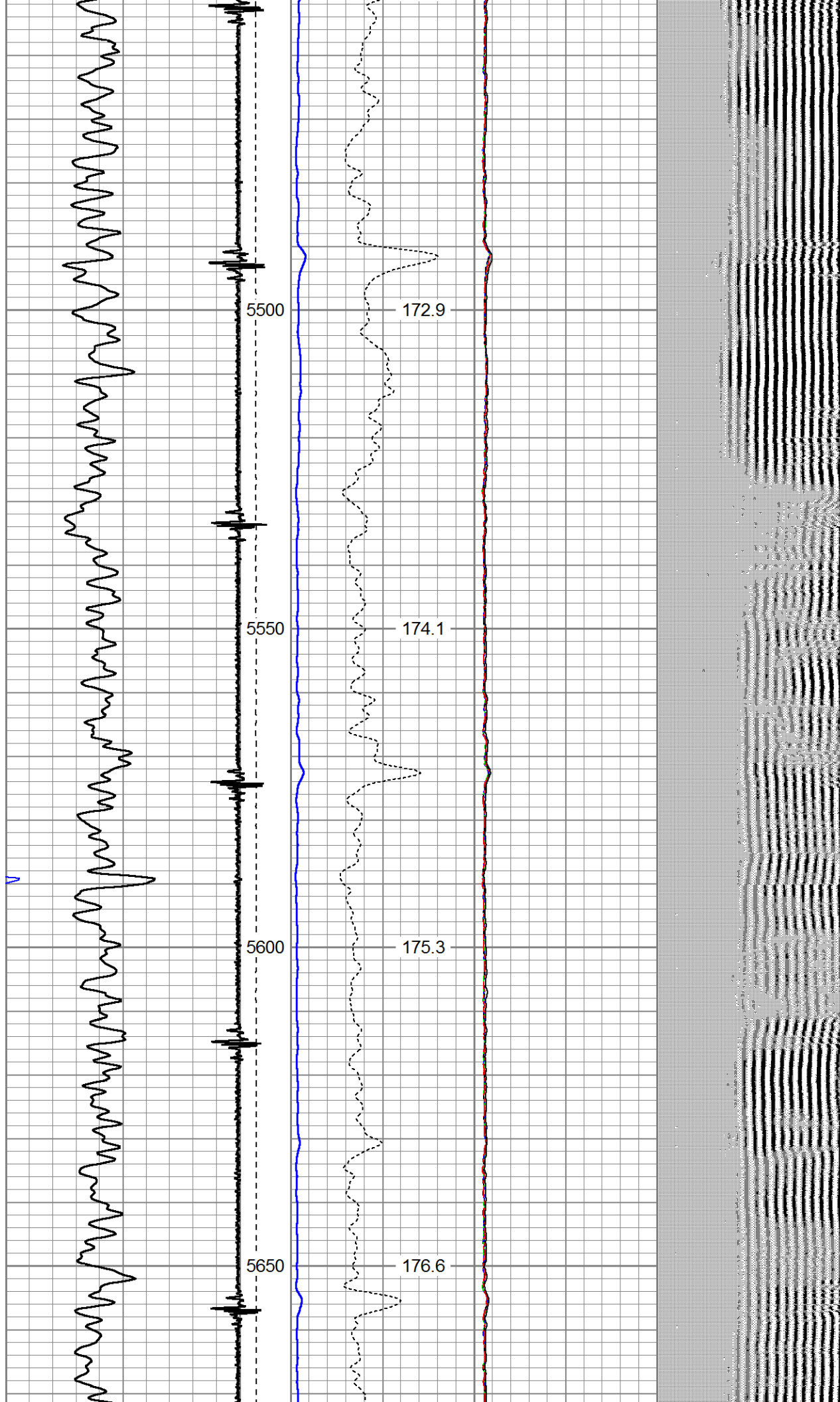


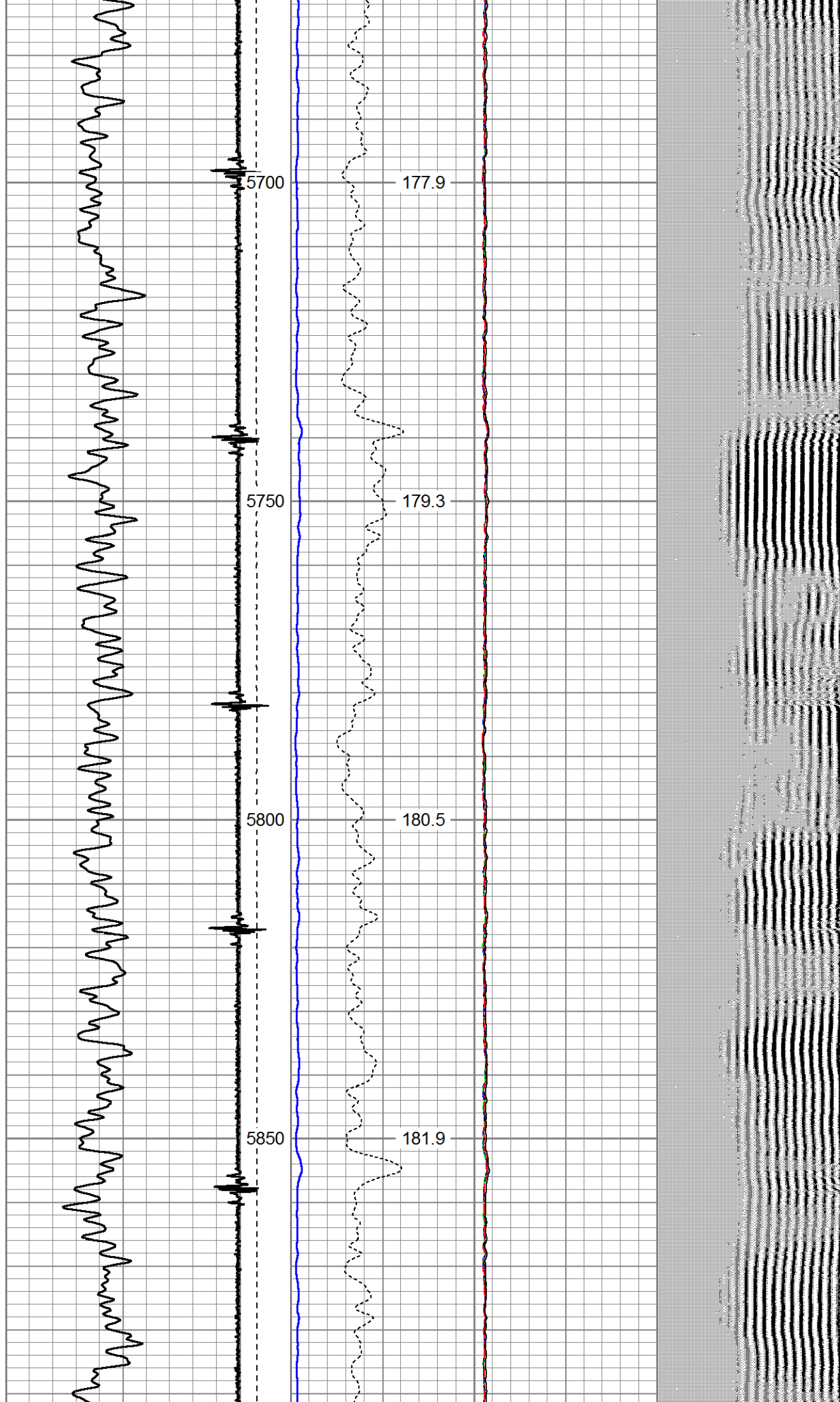


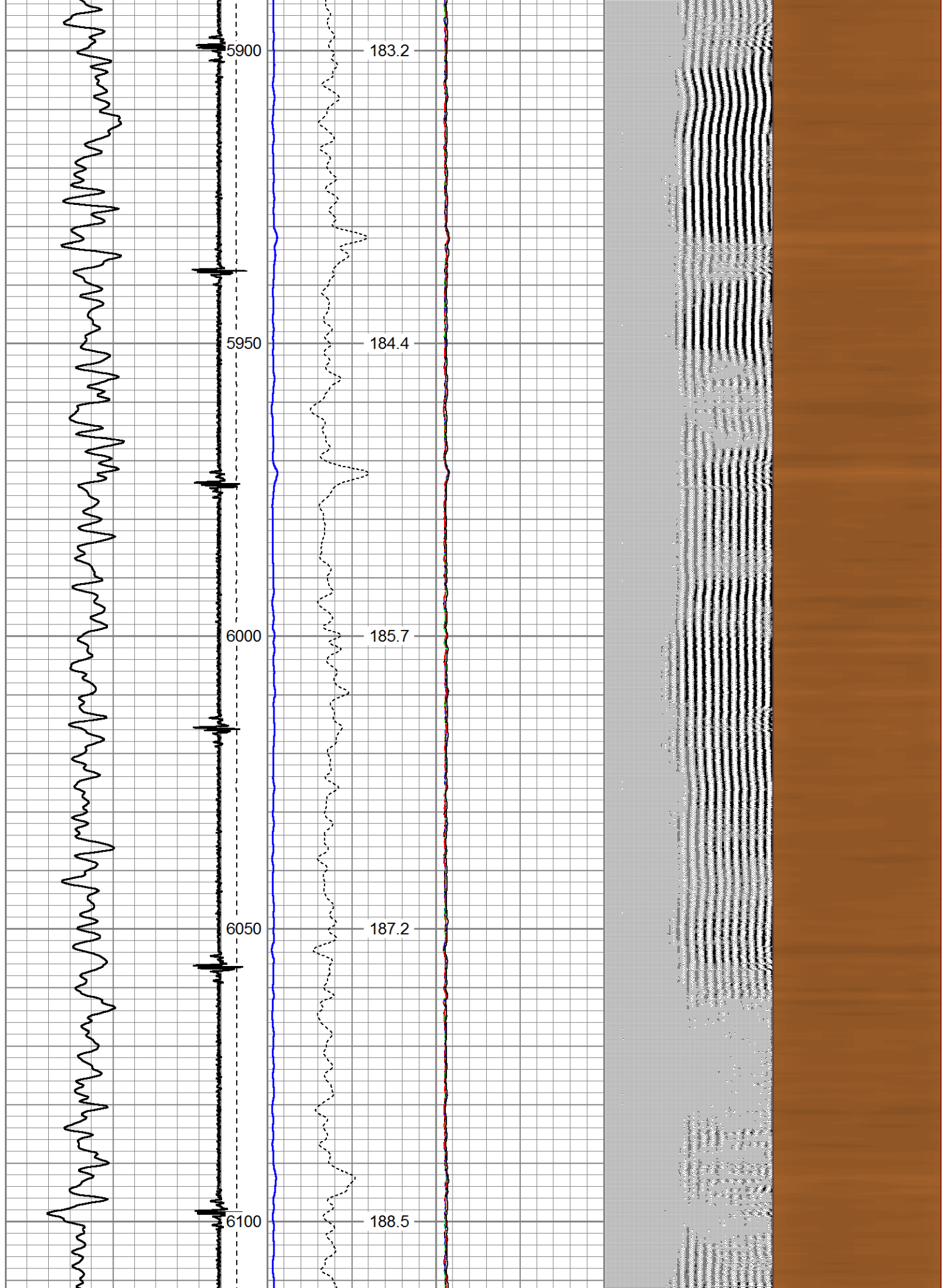


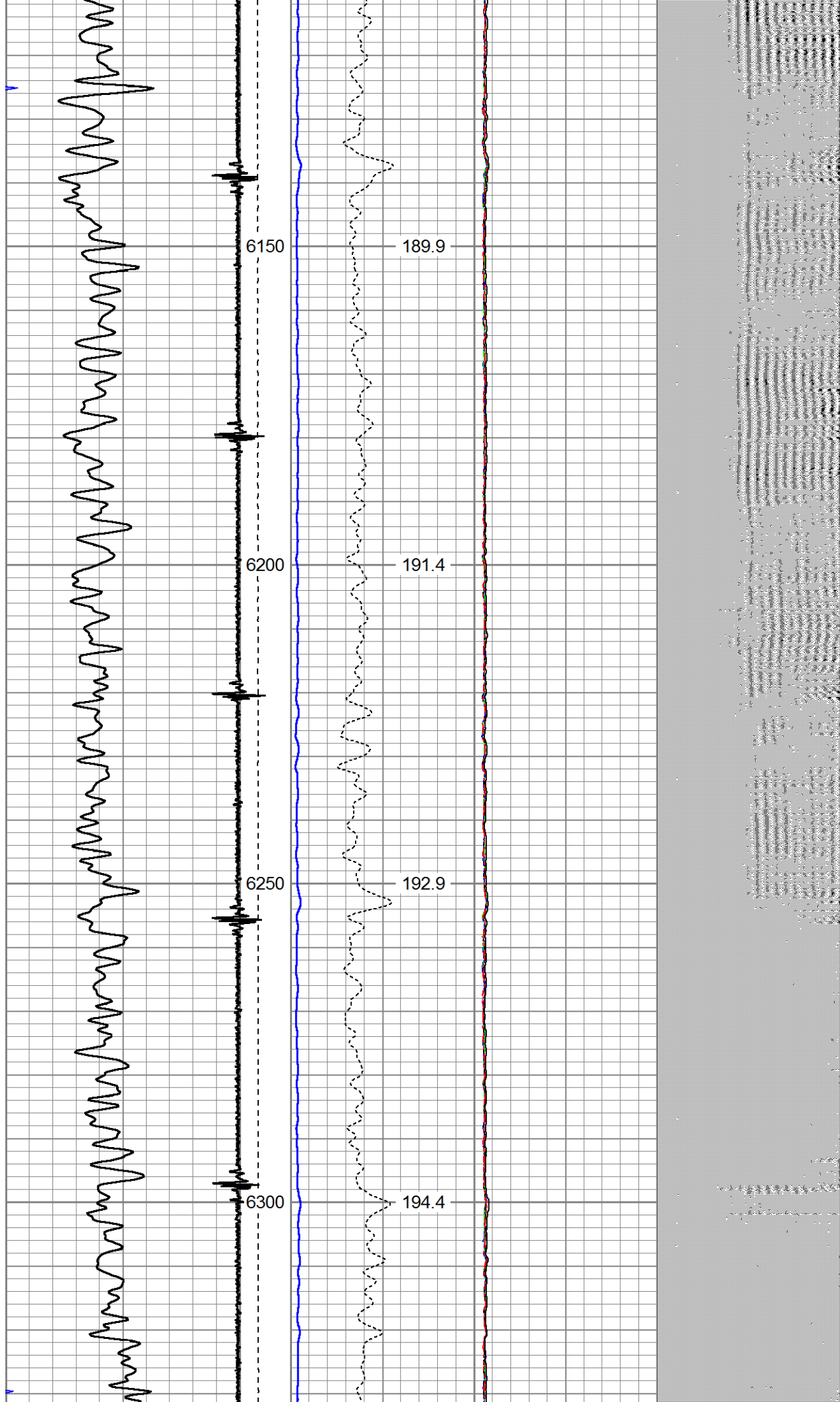


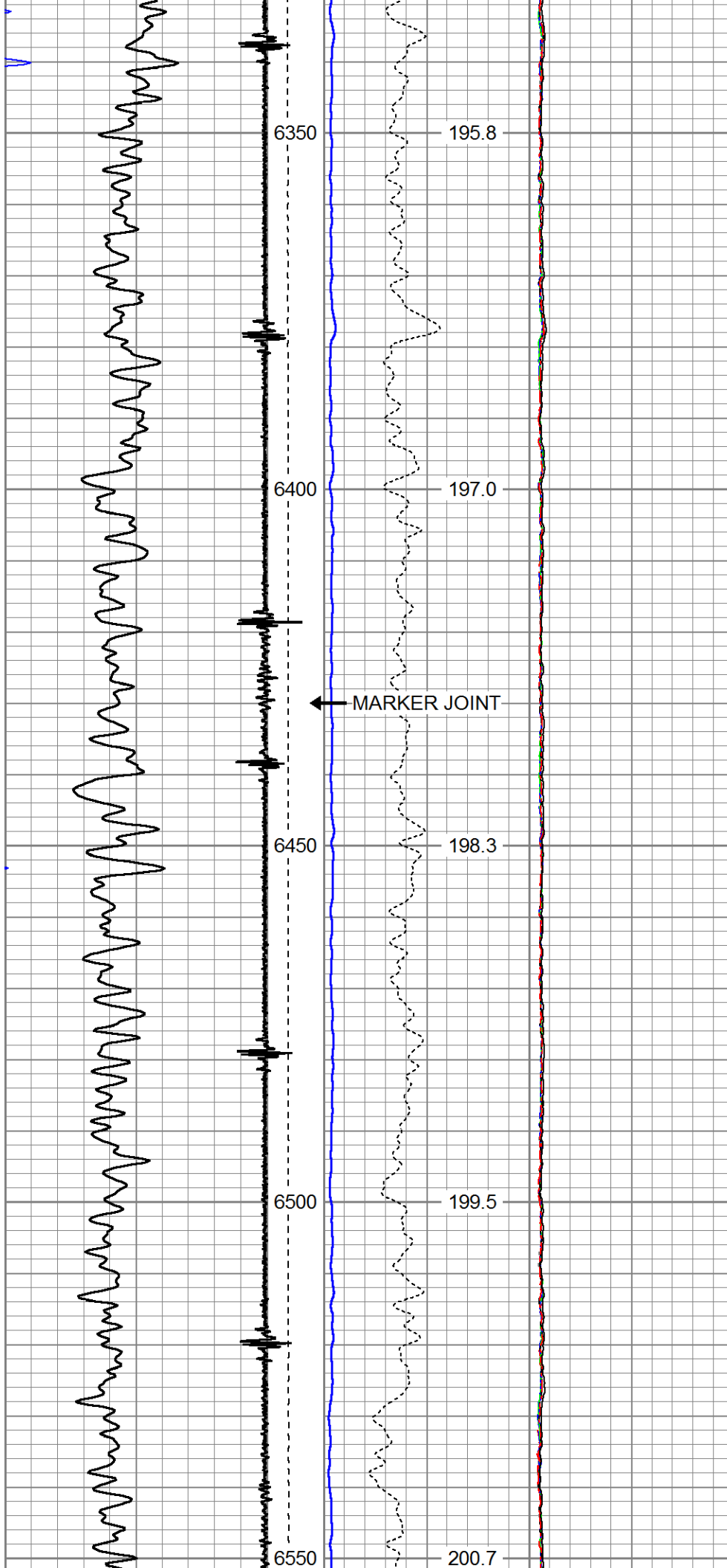


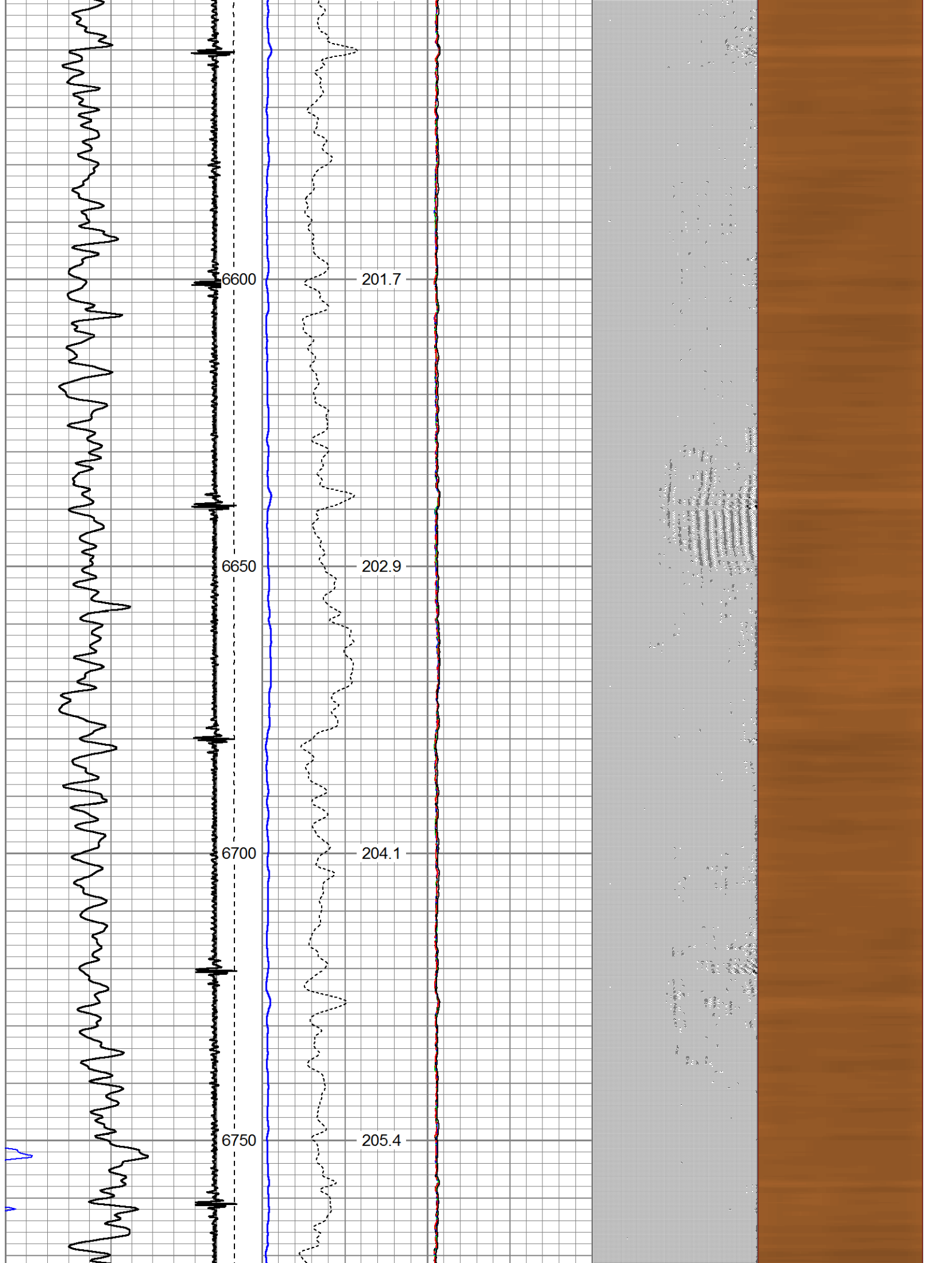


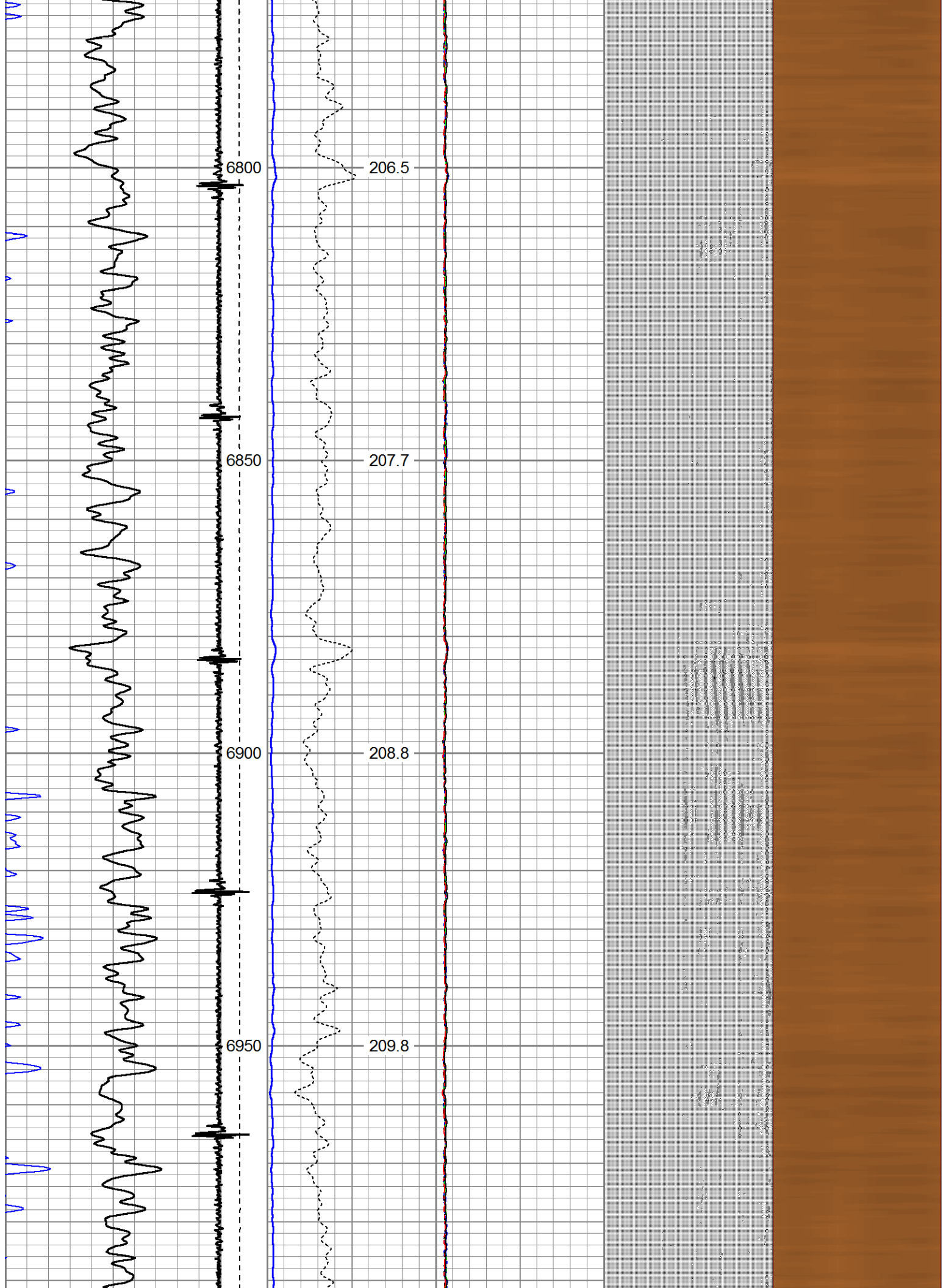


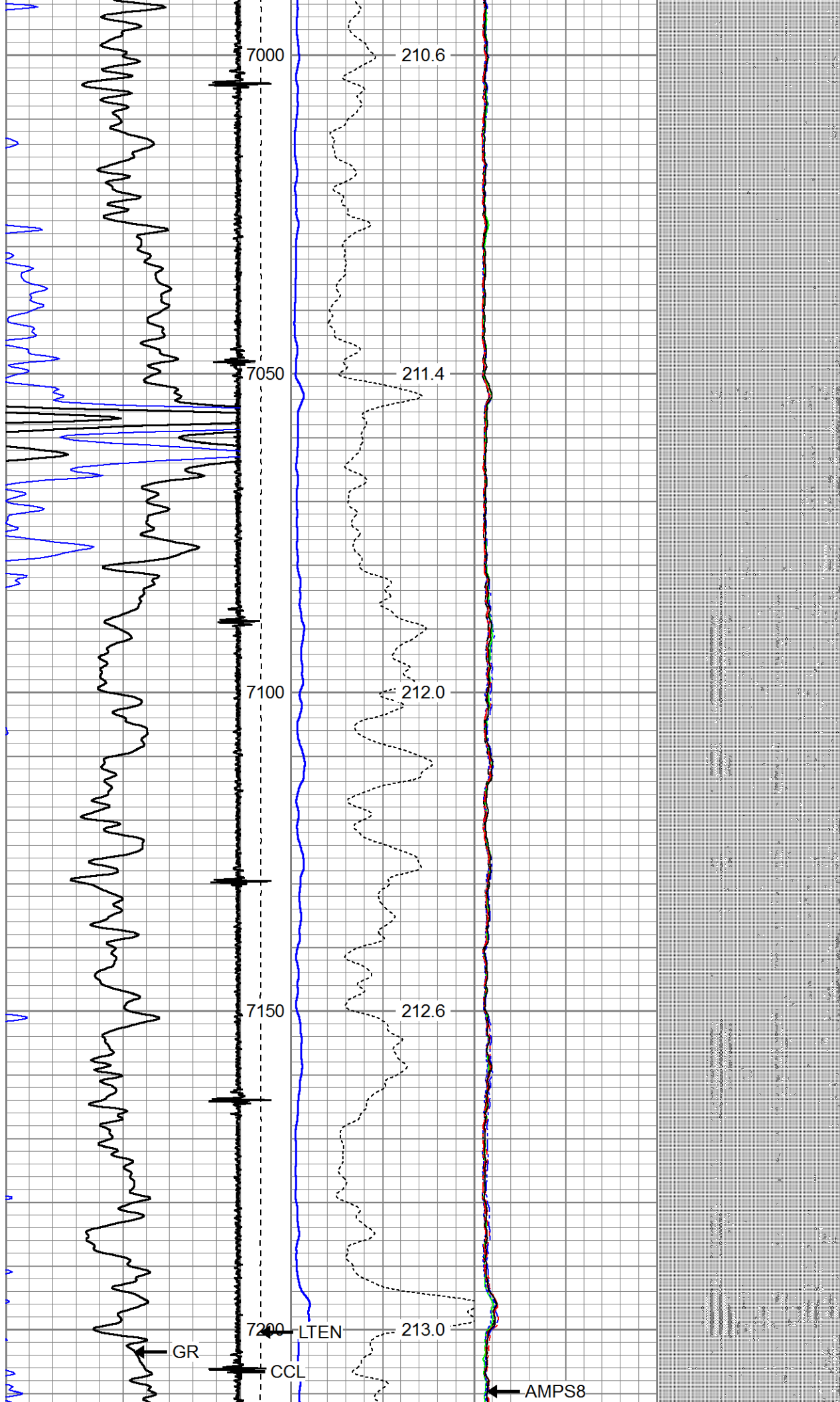


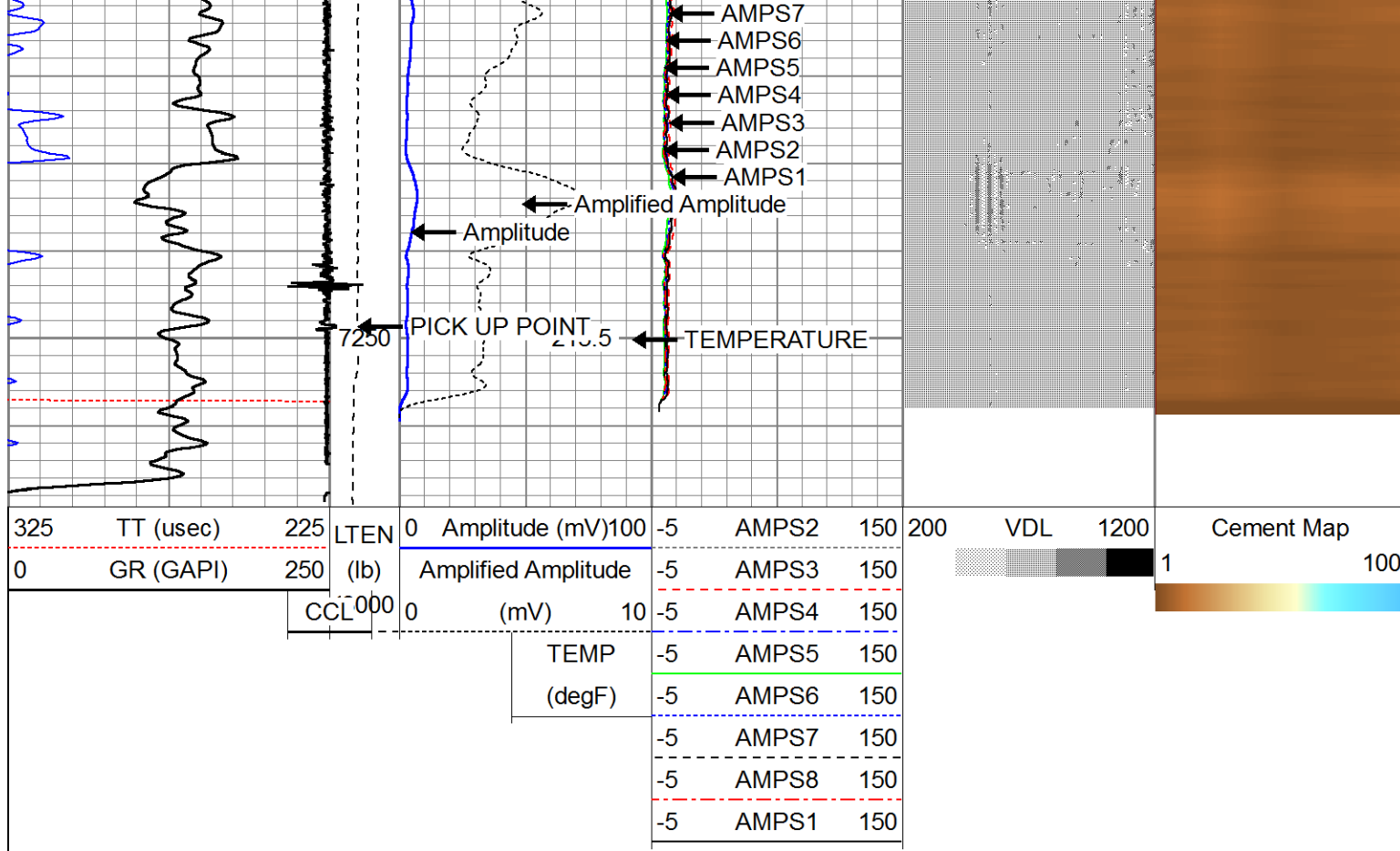












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