



RADIAL BOND LOG  
GAMMA RAY  
CCL

Company ANADARKO		Well AZUL 13-24HZ		Field WATTENBERG		County WELD		State CO	
Location:		SHL: 910' FSL 2,447' FWL		LAT 40.046536 LONG -104.72621		SEC 13 TWP 36N RGE 66W		Other Services	
Permanent Datum		GROUND LEVEL		Elevation 5,050'		Elevation			
Log Measured From		K.B. 21'				K.B. 5,071'			
Drilling Measured From		K.B.				D.F. 5,070'			
G.L. 5,050'									
Date		7/17/18							
Run Number		1							
Depth Driller		13,242'							
Depth Logger		7200'							
Bottom Logged Interval		7200'							
Top Log Interval		SURFACE							
Open Hole Size									
Type Fluid		WATER							
Density / Viscosity		~8.3#							
Max. Recorded Temp.		205 DEG F							
Estimated Cement Top									
Time Well Ready		ROA							
Time Logger on Bottom		09:30							
Equipment Number		W-062							
Location		WINDSOR							
Recorded By		S LOPEZ							
Witnessed By		J MCCARTHY							
Borehole Record									
Run Number		Bit		From		To		Size	
								Weight	
								From	
								To	
Casing Record		Size		Wgt/Ft		Top		Bottom	
Surface String		9.625"		36#		SURFACE		1920'	
Prot. String									
Production String		5.5"		17#		SURFACE		13,226	
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 ANOTHER LOG  
CORRELATED TO MARKER JOINT @ 7131'  
LOGGED UNDER 2800 PSI

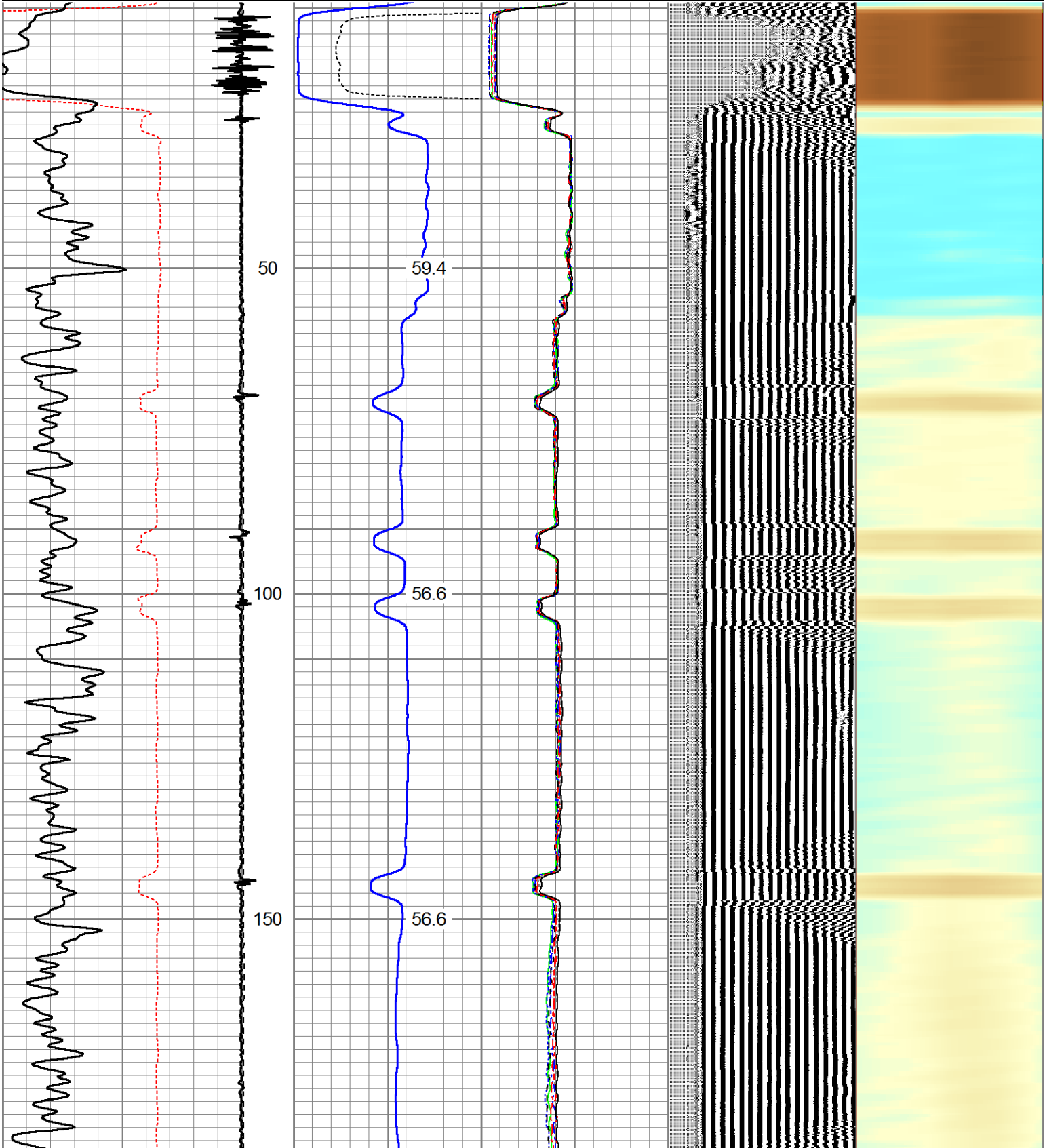
THANK YOU FOR USING CUTTERS WIRELINE

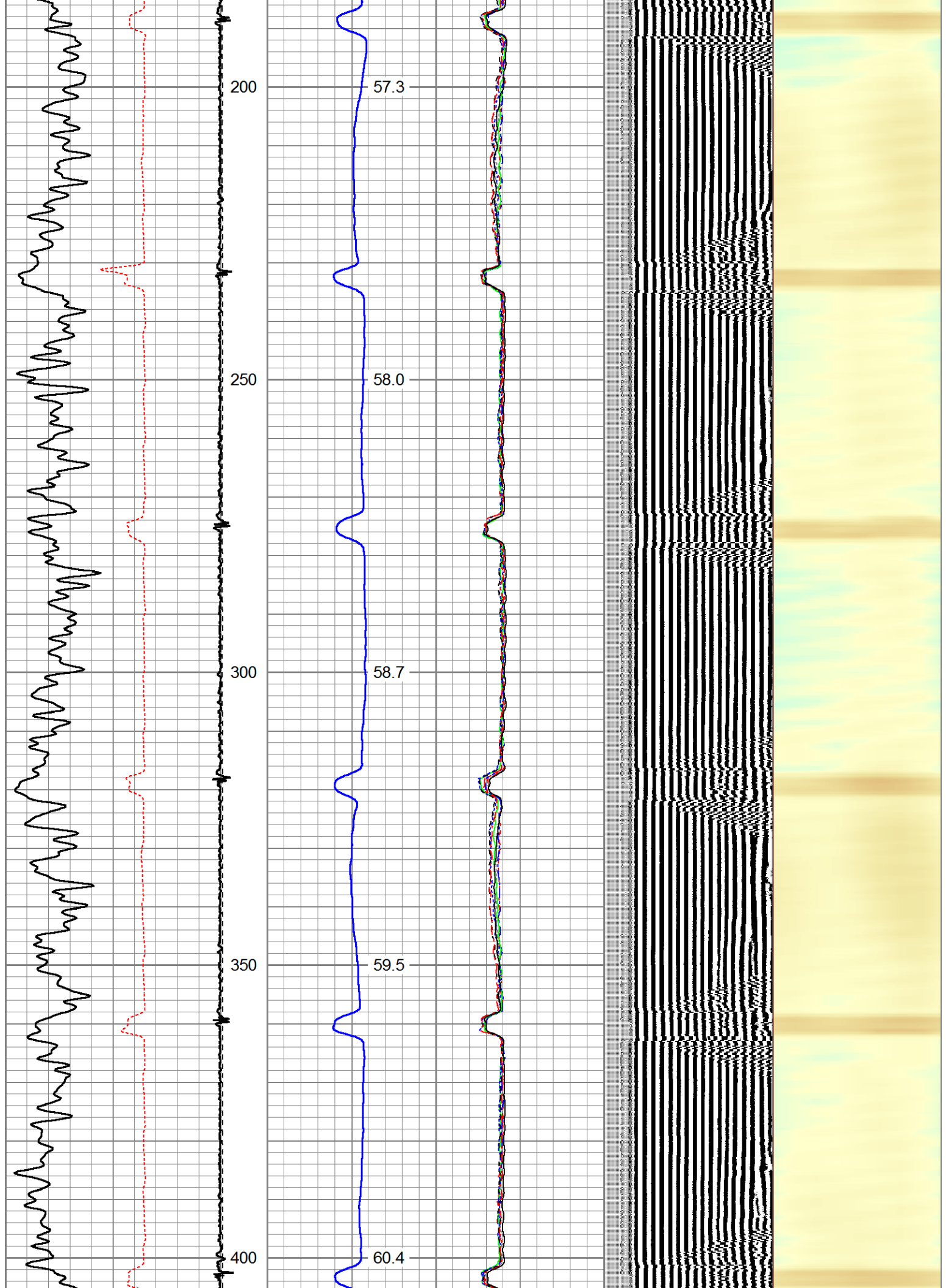
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

WVF3FT	9.44		RBT-Probe (060112_55) Probe 2.75" Radii Bond Tool	8.75	2.75	90.00
WVFCAL	9.44					
WVFS1	9.44					
WVFS2	9.44					
WVFS3	9.44					
WVFS4	9.44					
WVFS5	9.44					
WVFS6	9.44					
WVFS7	9.44					
WVFS8	9.44					
WVF5FT	8.44					
CCL	4.75					
GR	2.25		GR-Probe (060109) Probe 2.75" 4 Channel Pulse	4.00	2.75	30.00
TEMP	0.08		TEMP-1.375TEMP (060110) Temperature Tool	1.25	1.38	30.00
Dataset: azul 13-24hz.db: field/well/run1/pass354 Total Length: 14.00 ft Total Weight: 150.00 lb O.D. 2.75 in						

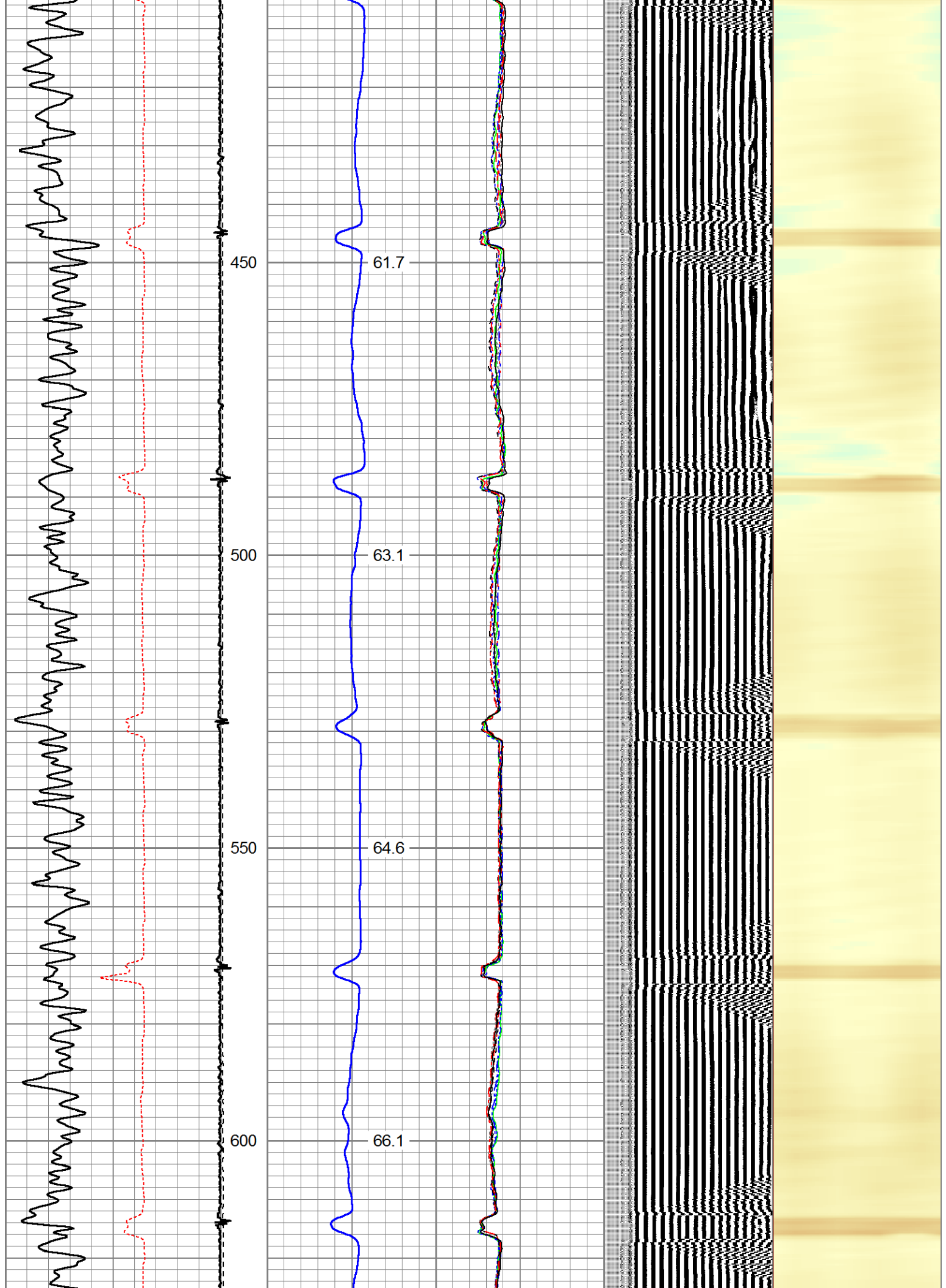
Database File: azul 13-24hz.db  
 Dataset Pathname: pass354.1  
 Presentation Format: rbl55  
 Dataset Creation: Wed Jul 18 17:59:50 2018 by Calc 7.0 B1  
 Charted by: Depth in Feet scaled 1:240

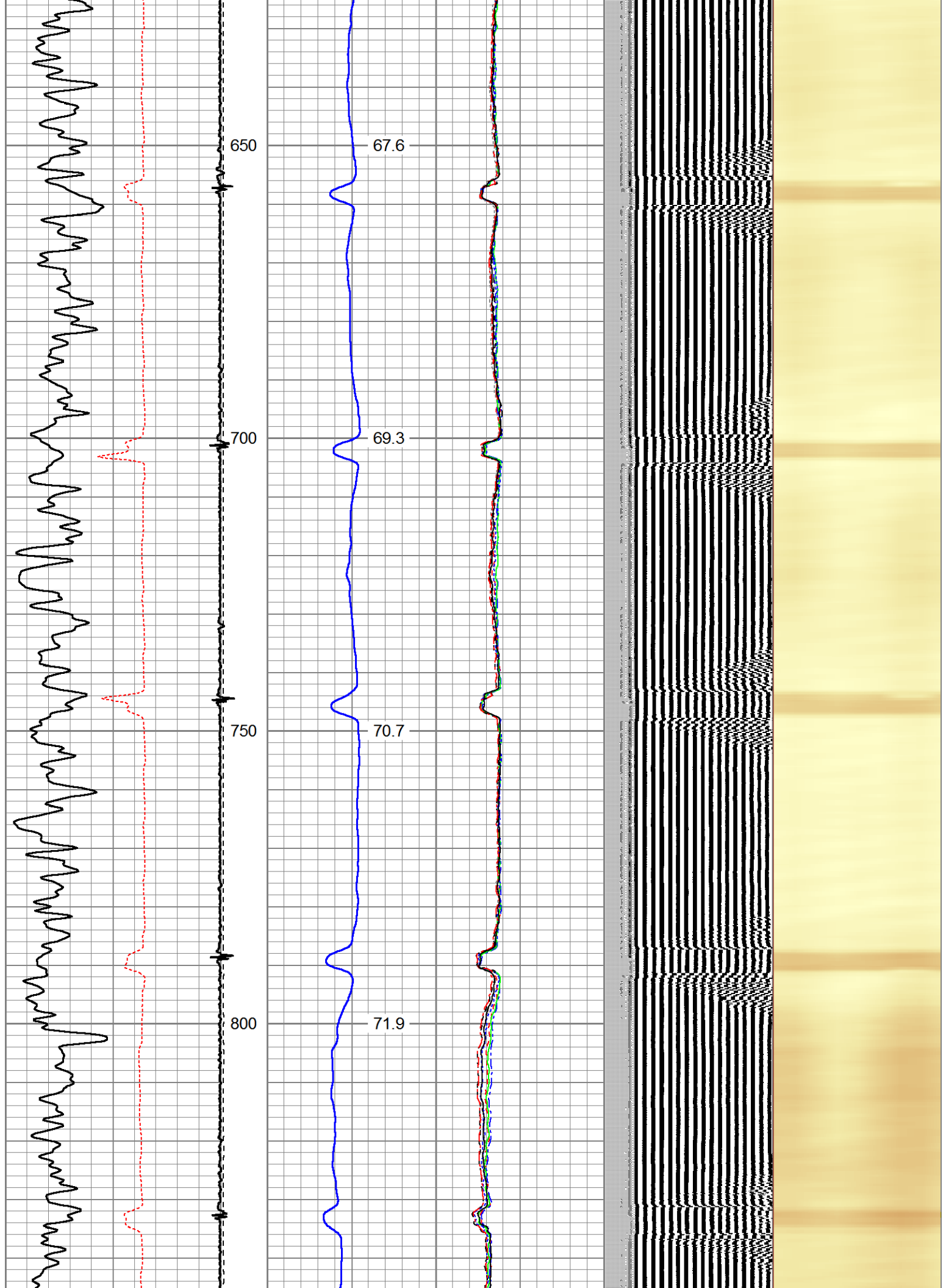
Charted by:		Depth in Feet scaled 1:240											
325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200	(lb)	0	Amplified Amplitude		-5	AMPS3	150				
			CCL000	0	(mV)	10	-5	AMPS4	150				
					TEMP		-5	AMPS5	150				
					(degF)		-5	AMPS6	150				
							-5	AMPS7	150				
							-5	AMPS8	150				
							-5	AMPS1	150				

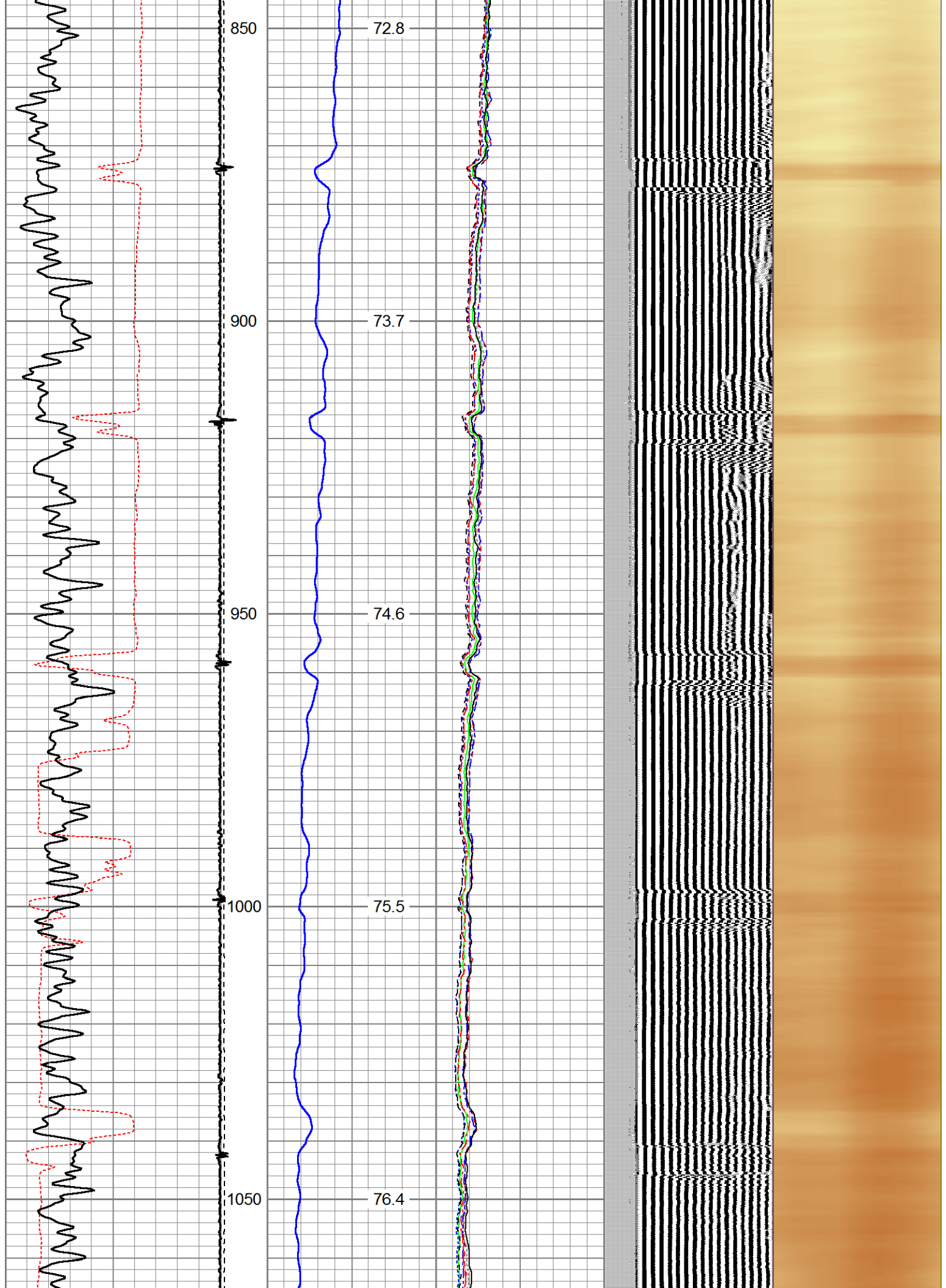


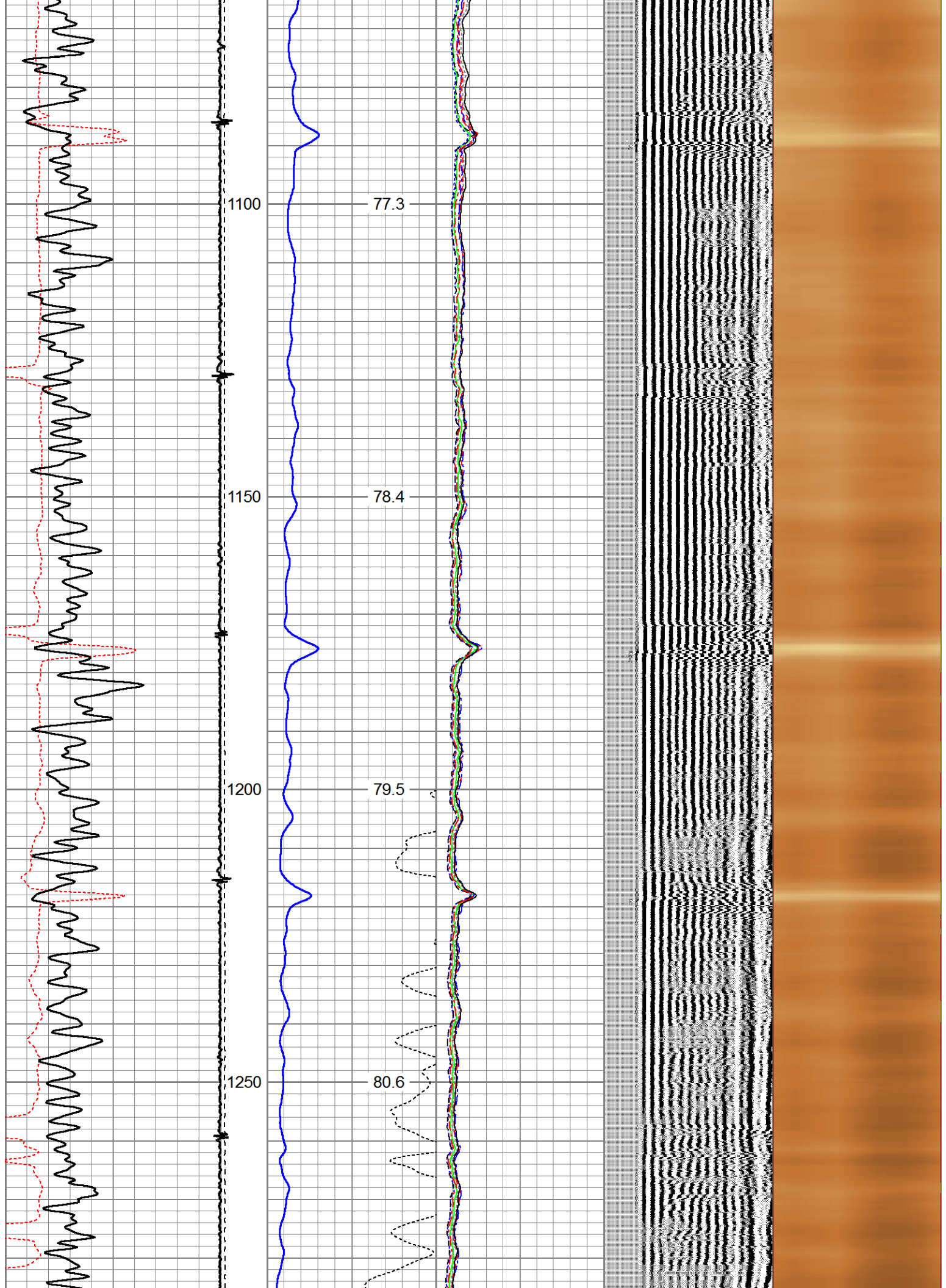




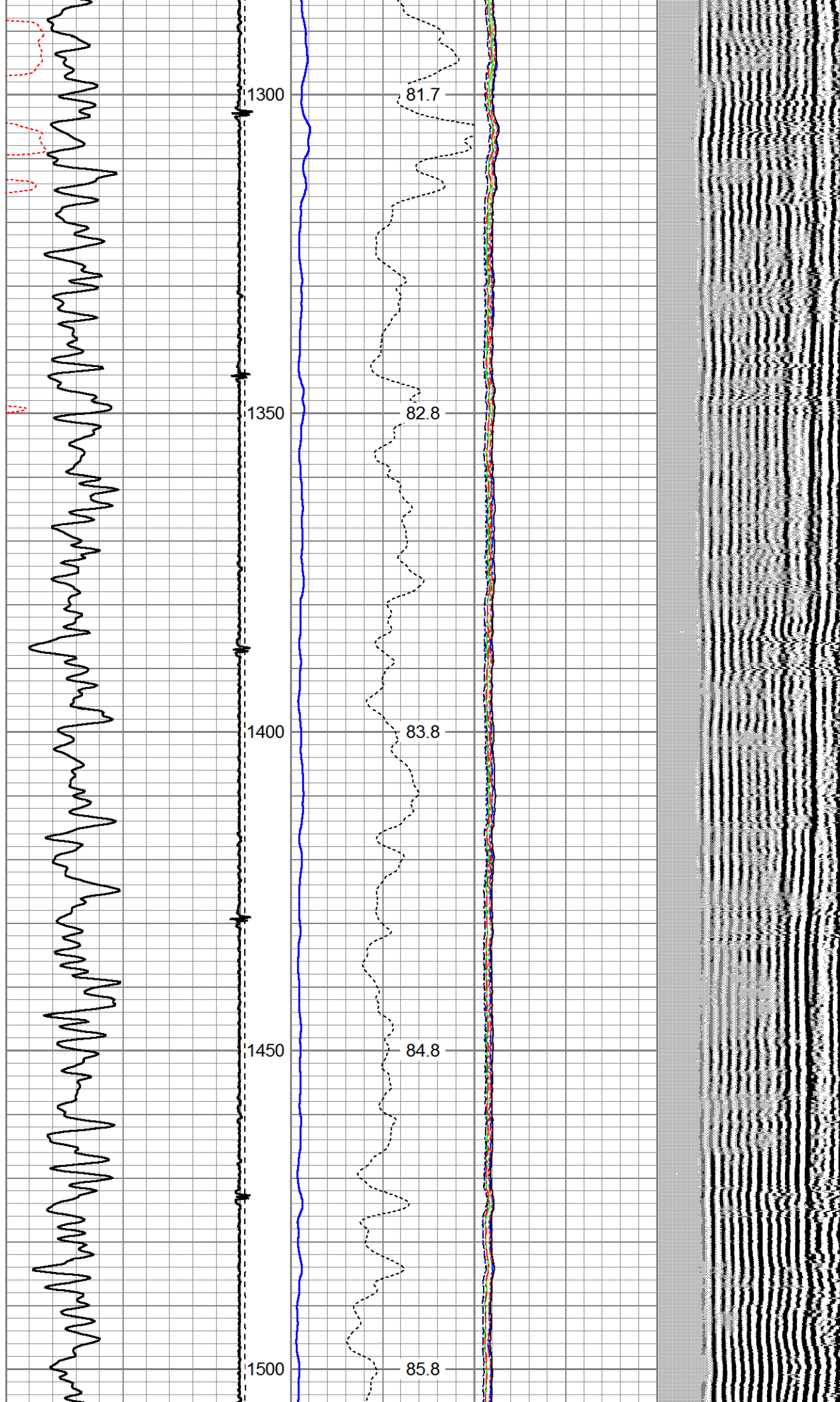


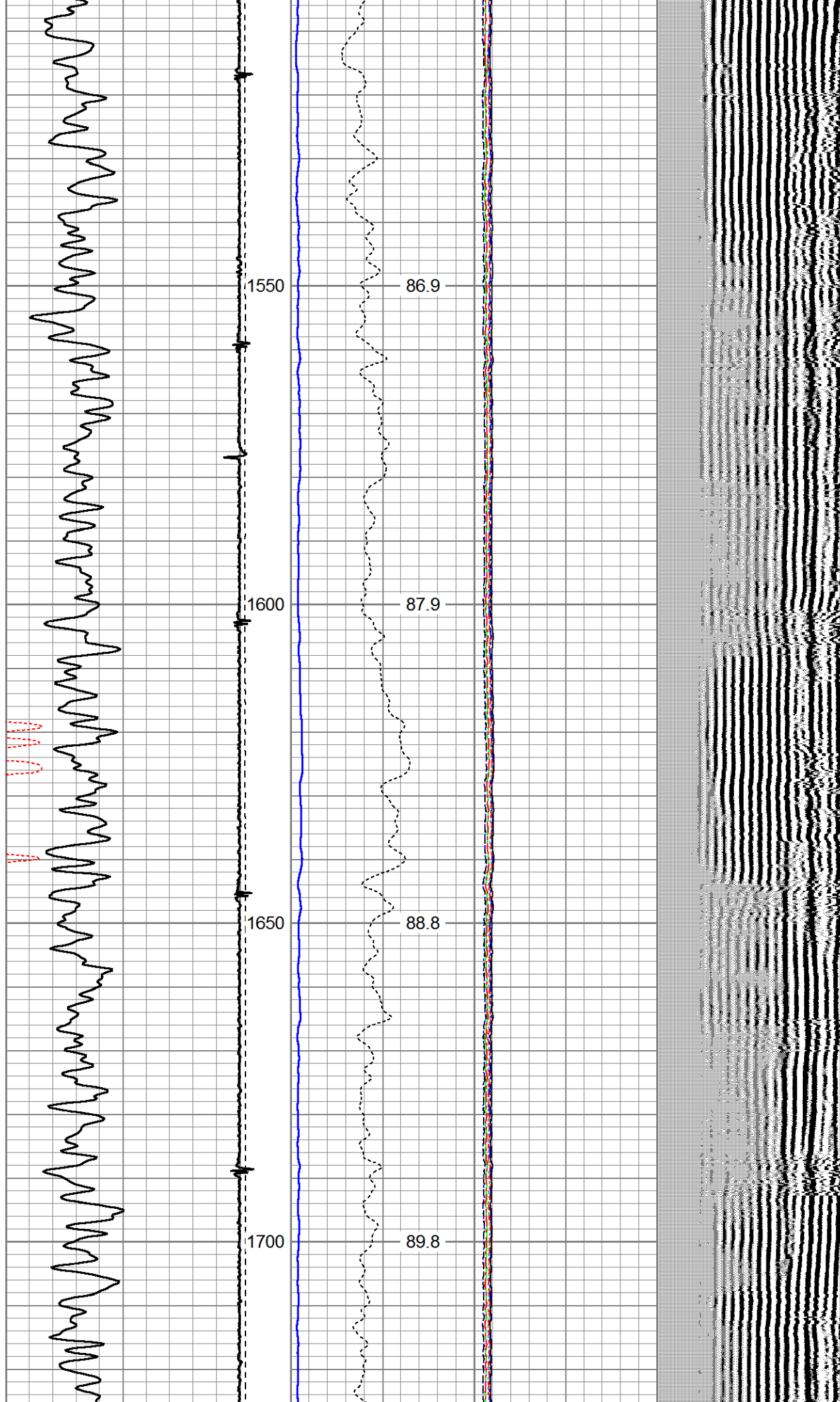




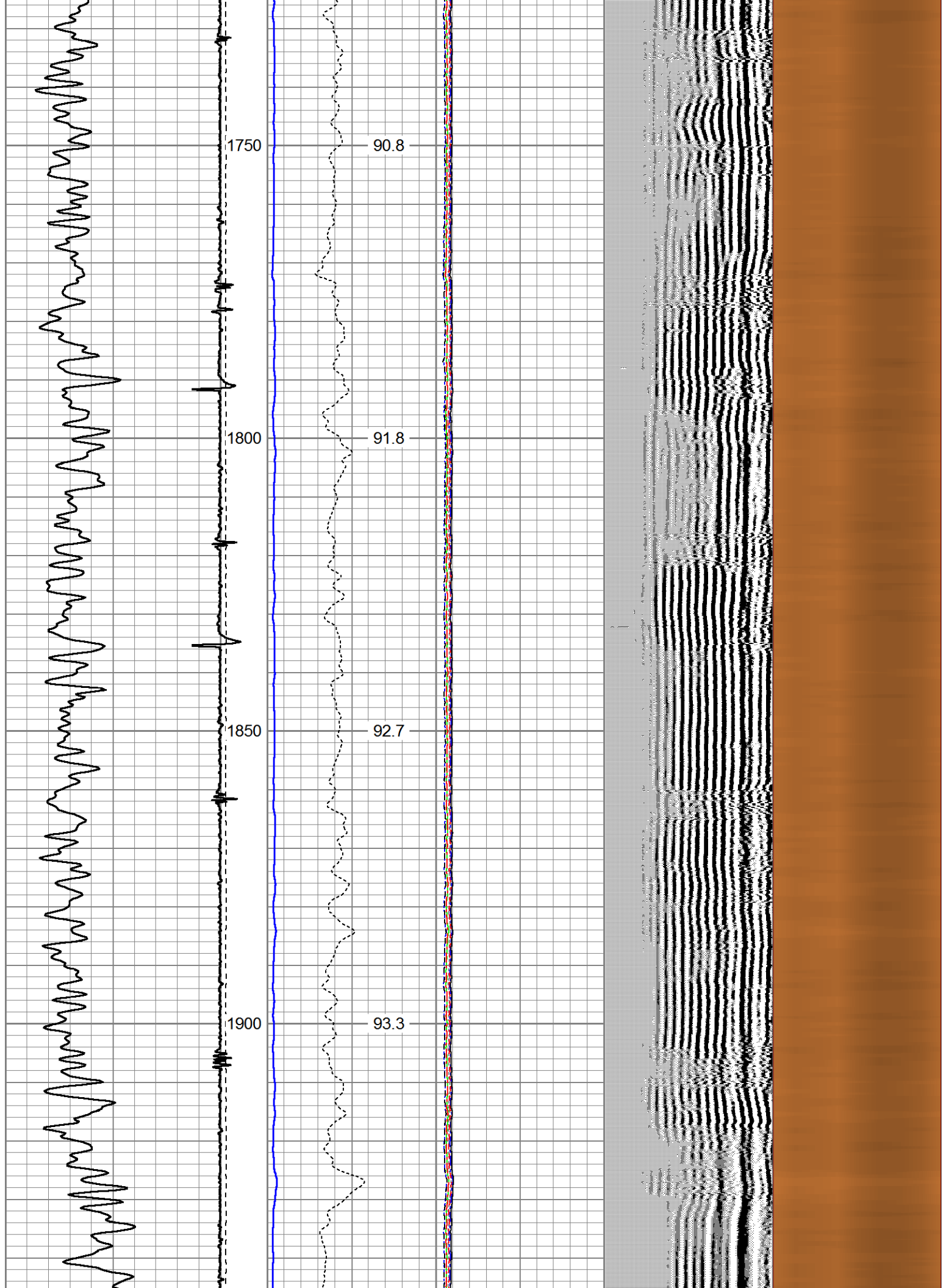


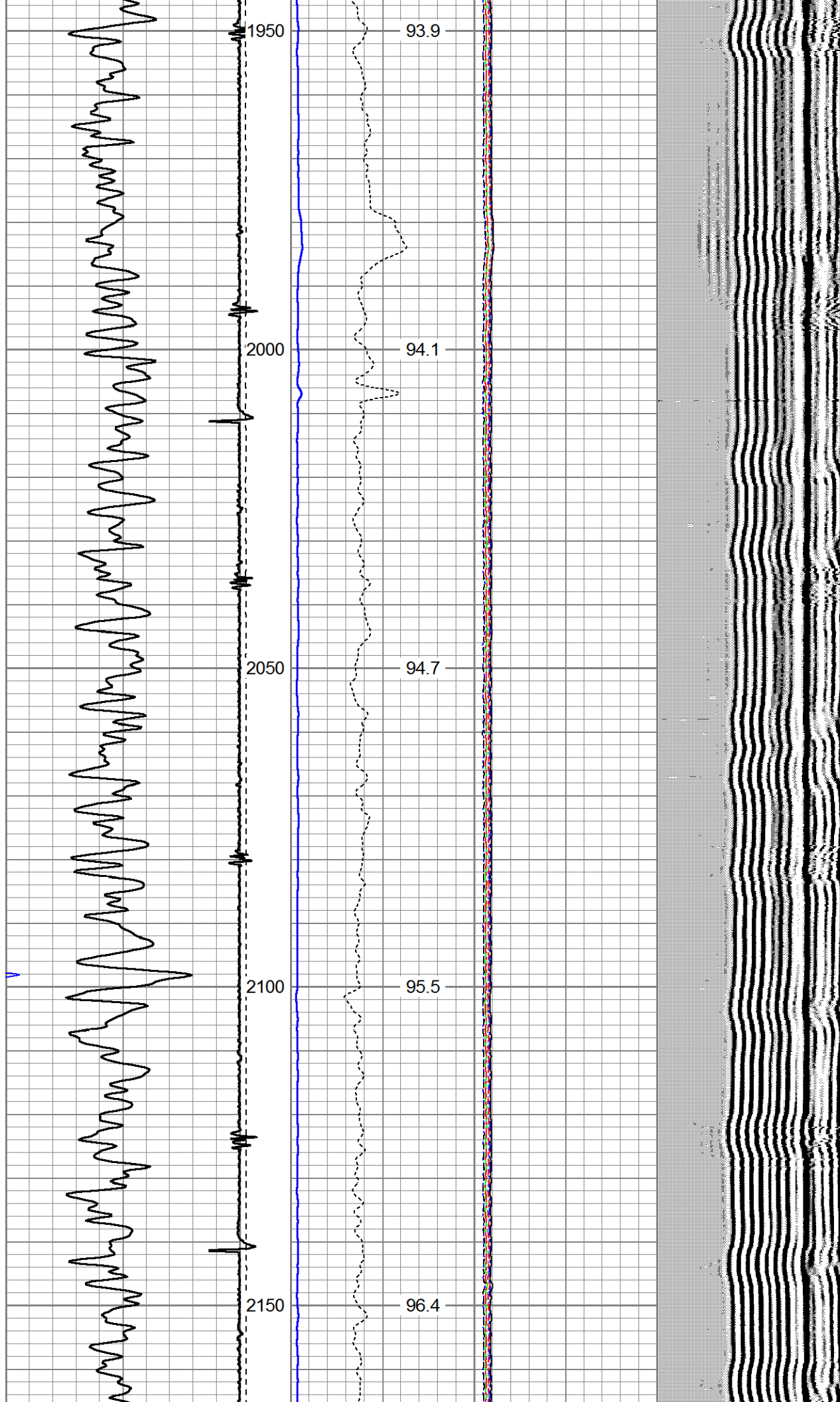


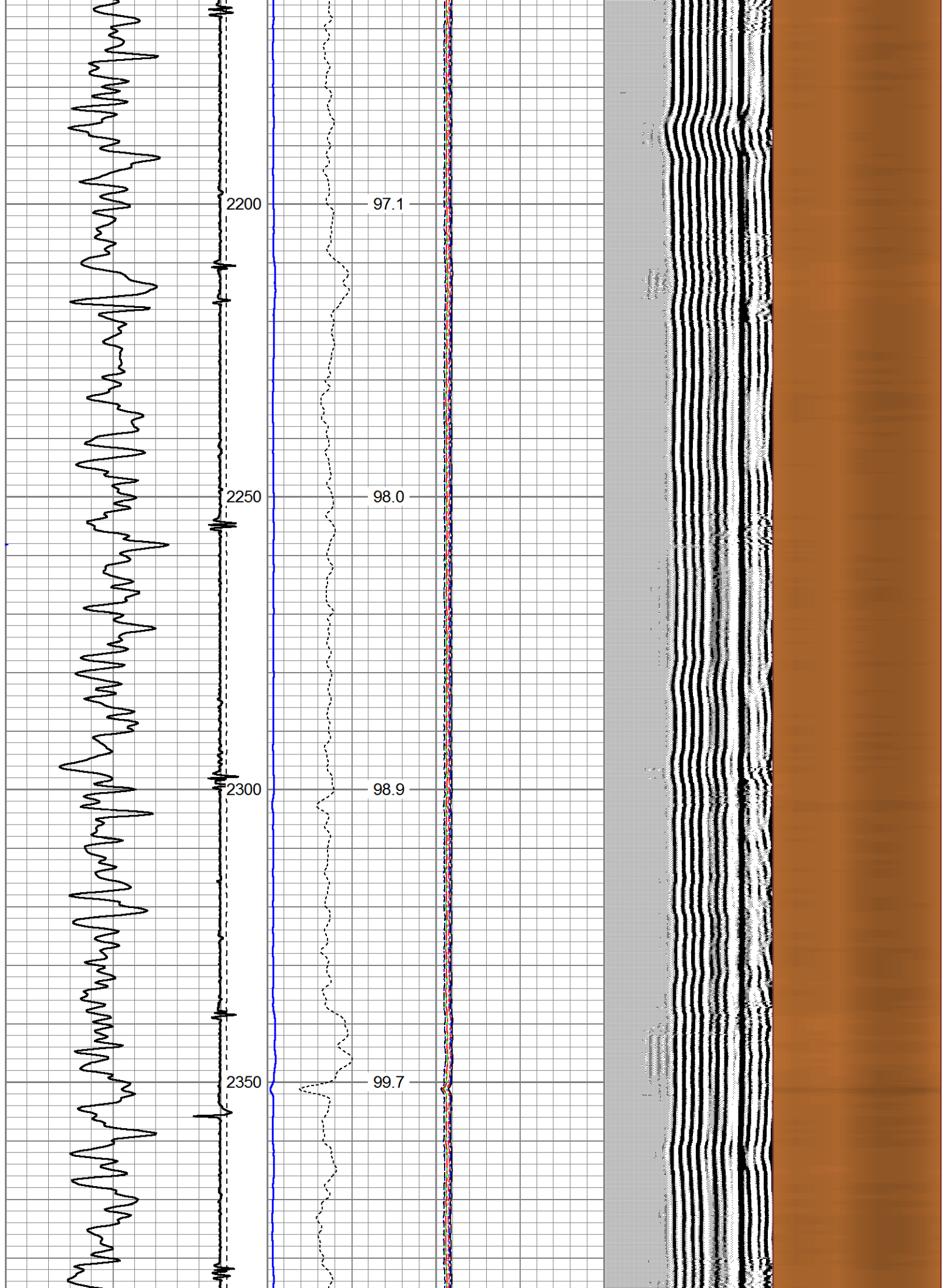




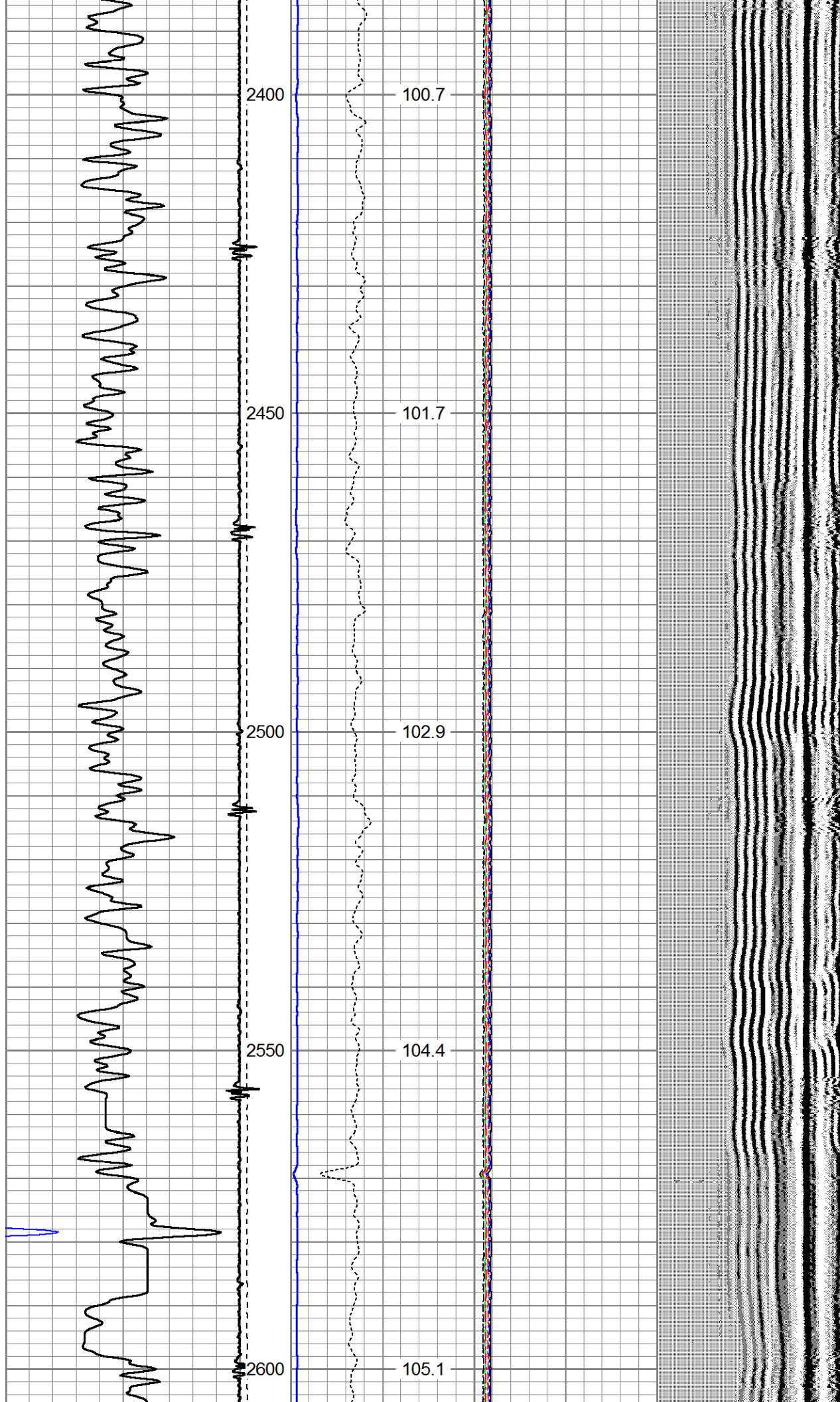


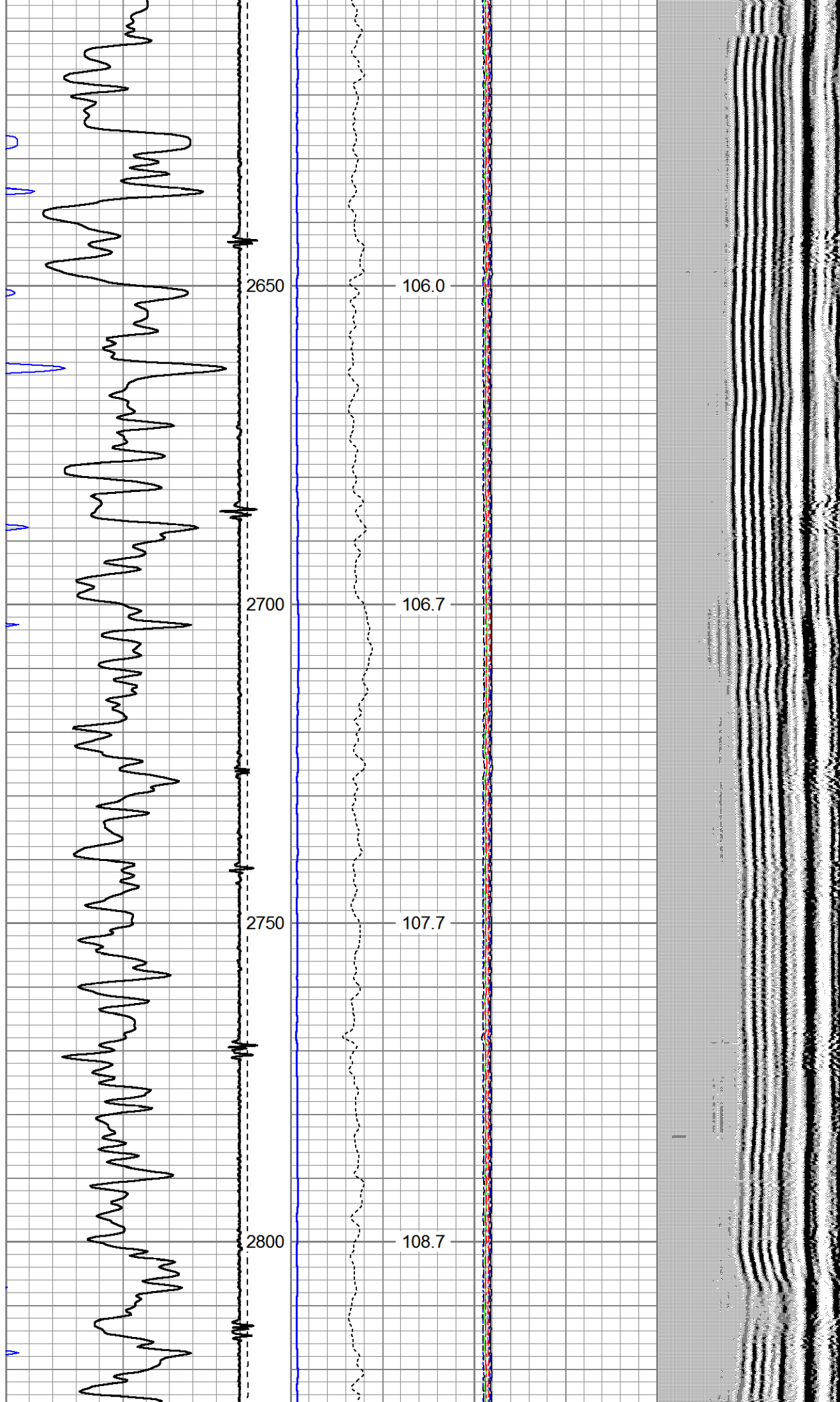


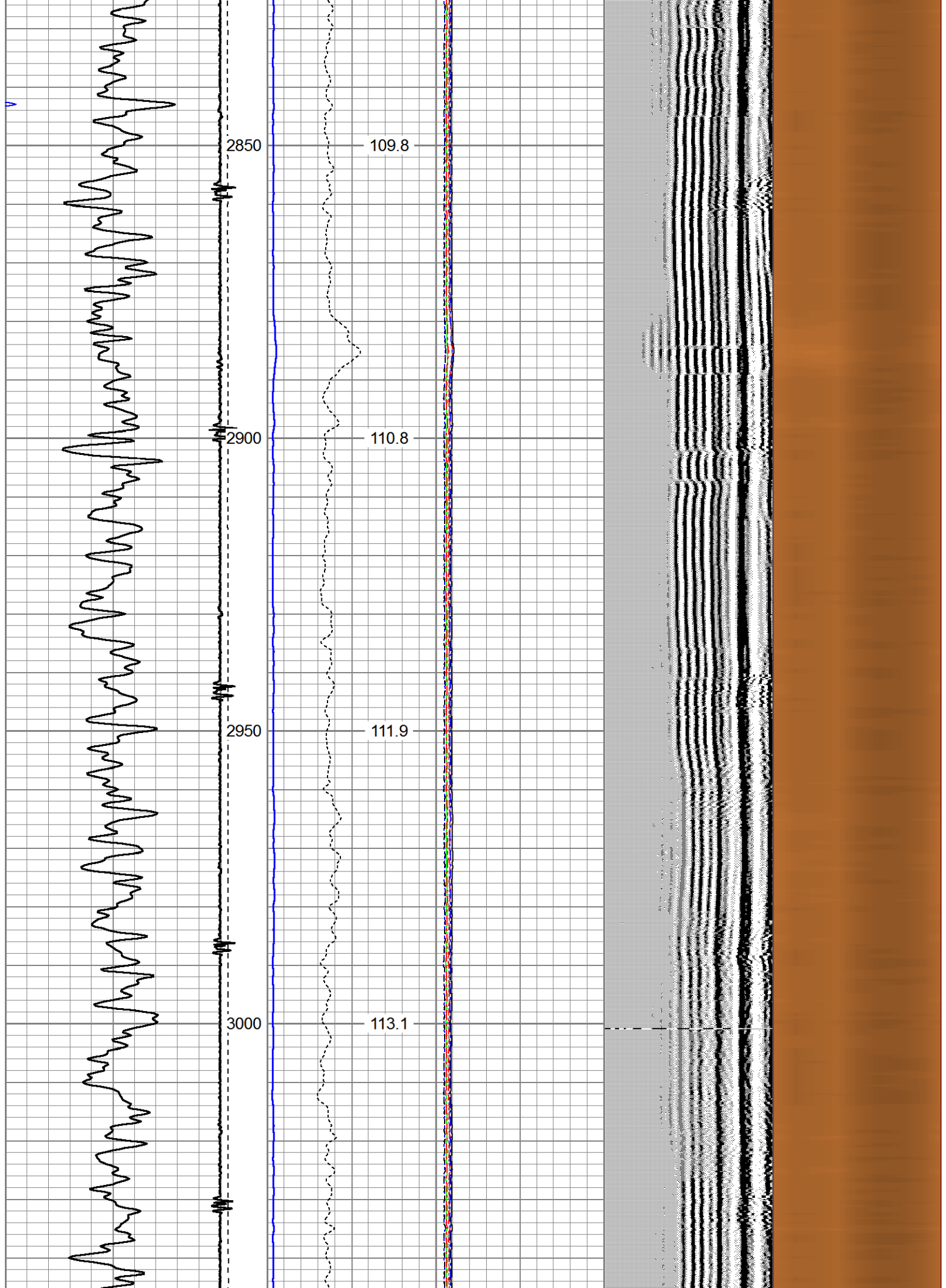




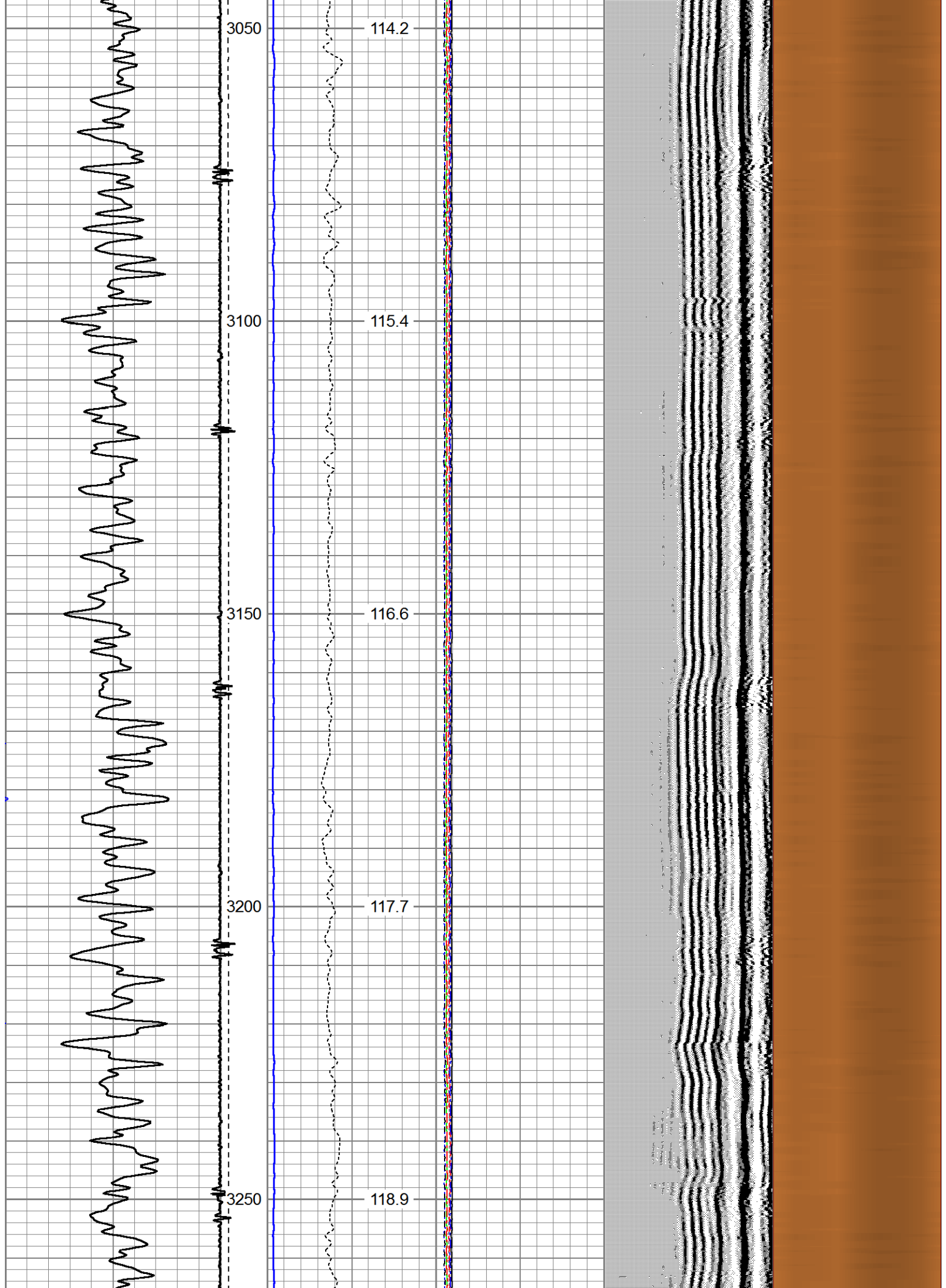


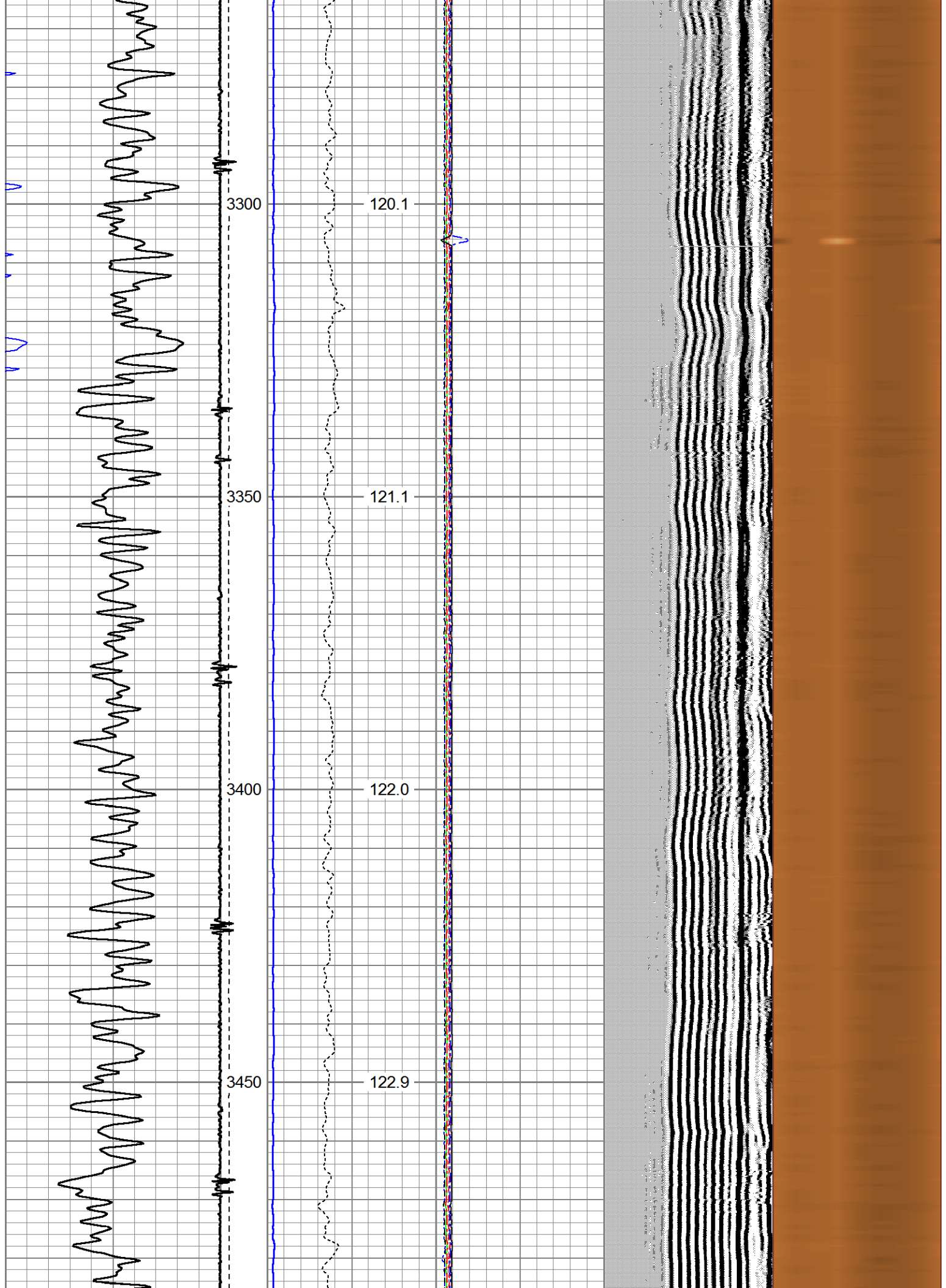


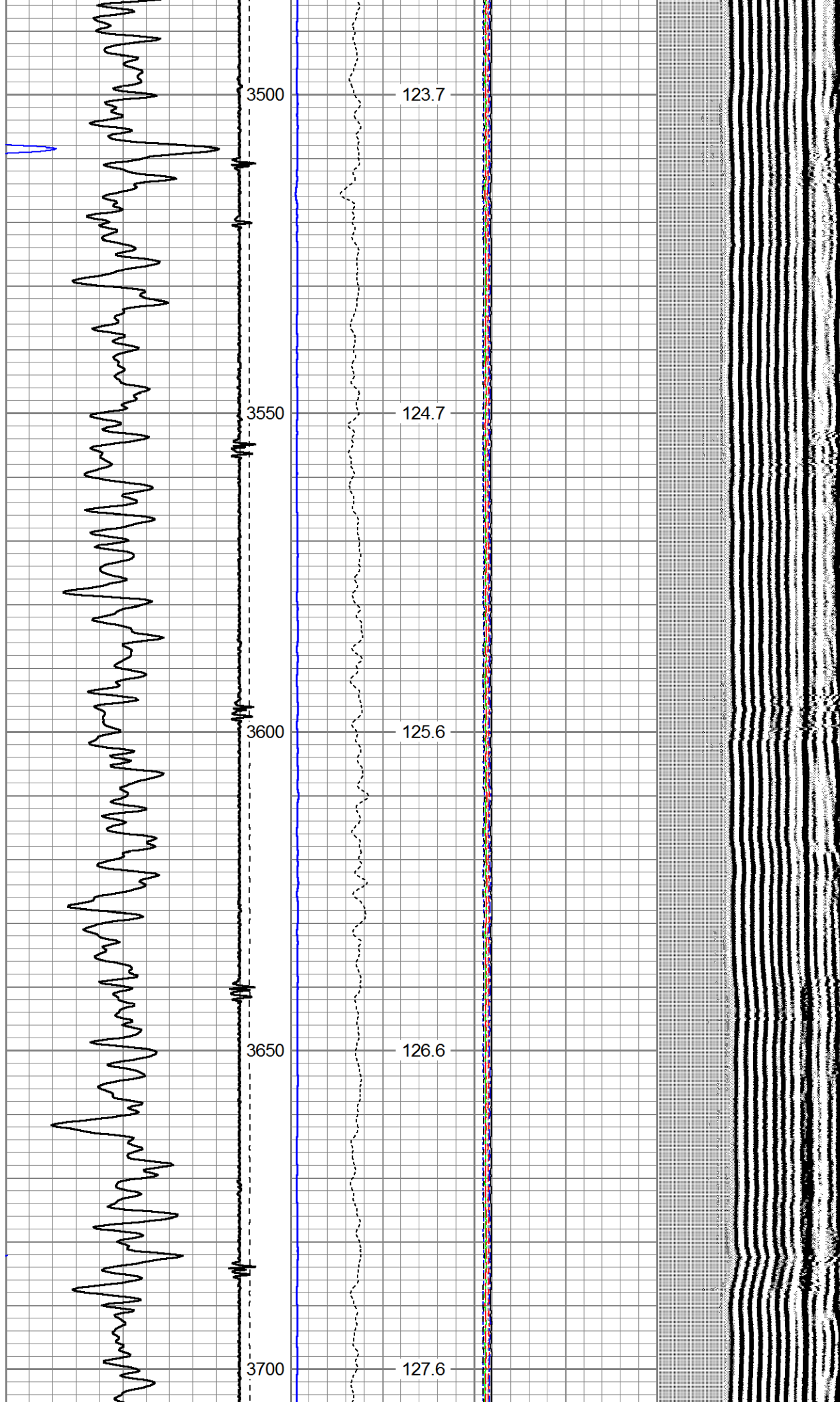




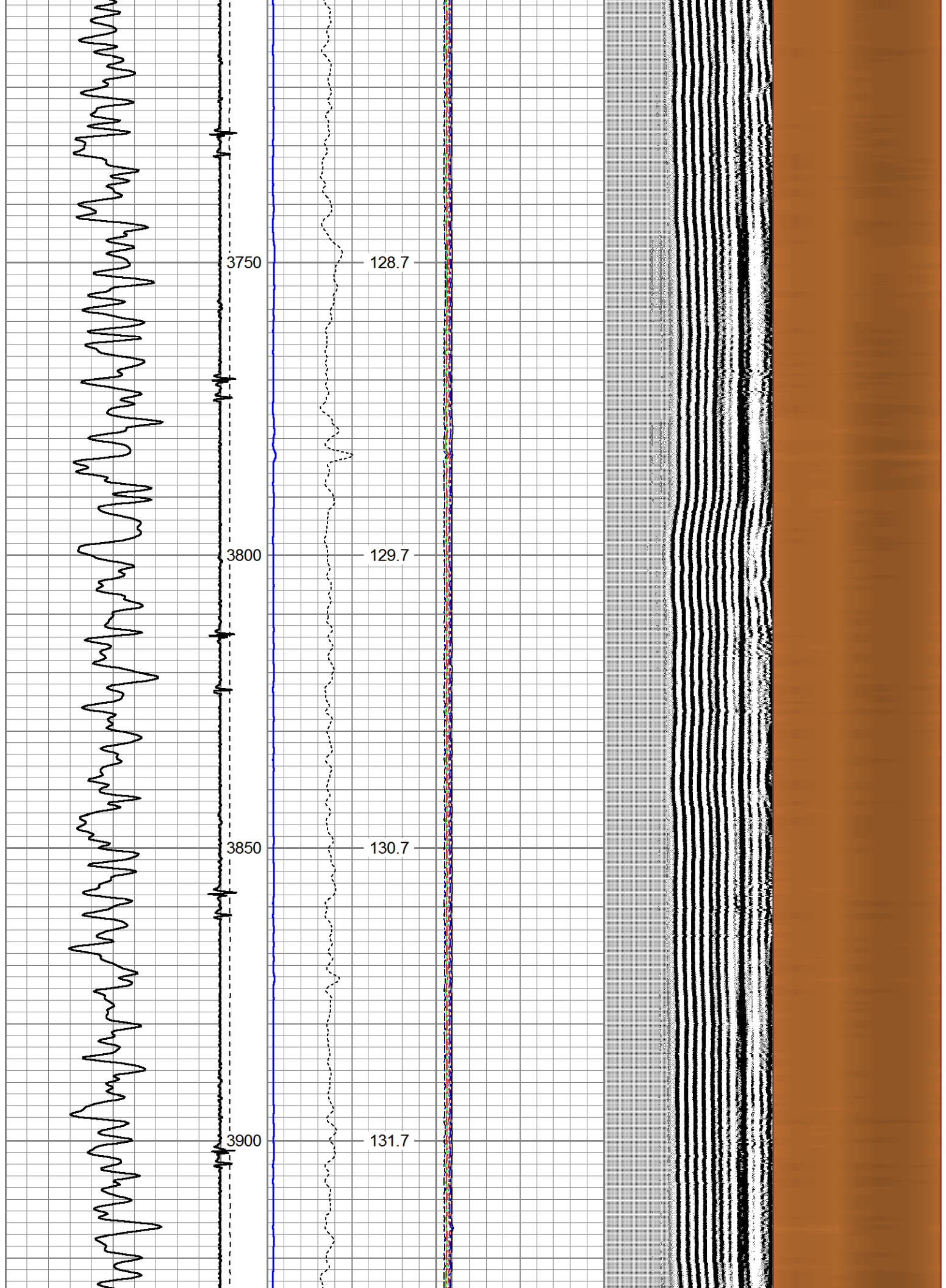


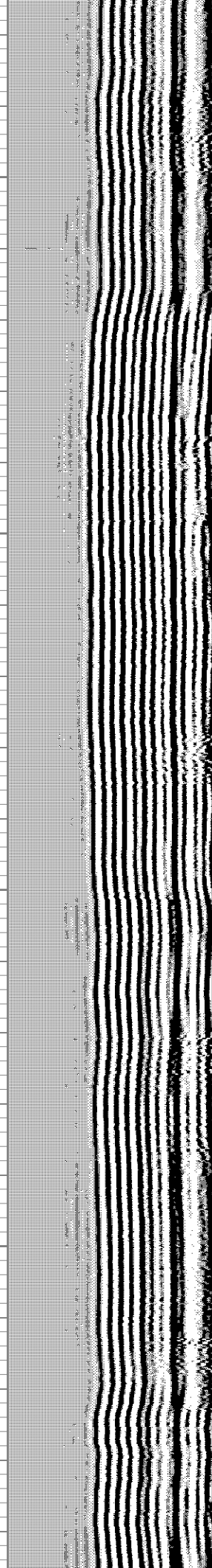
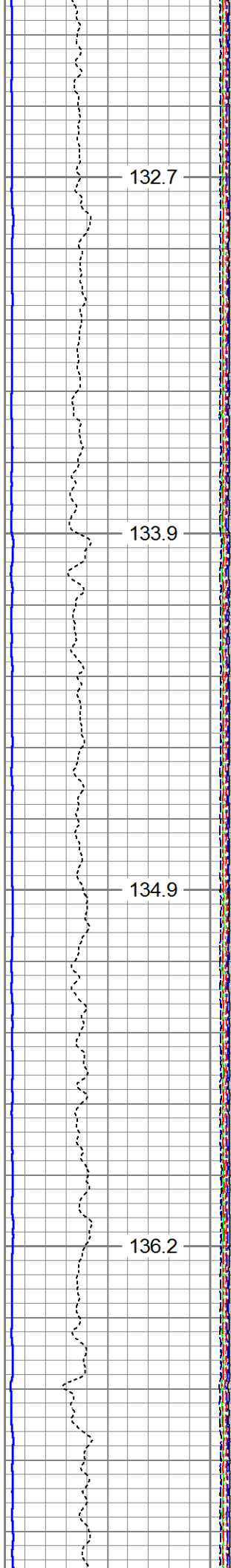
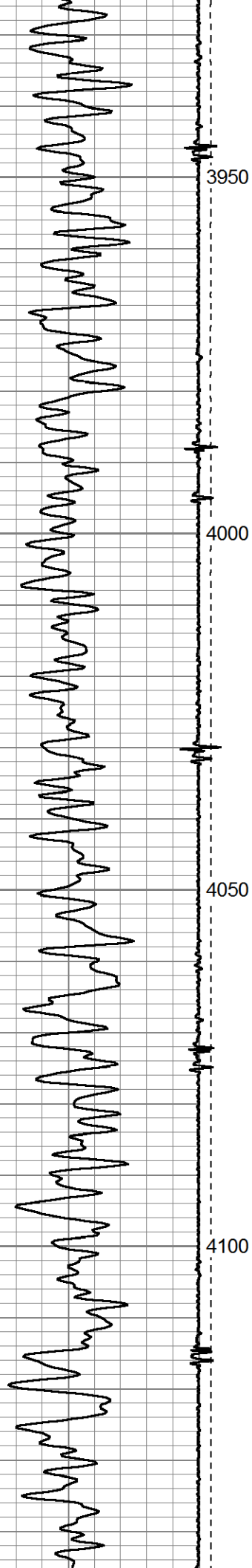


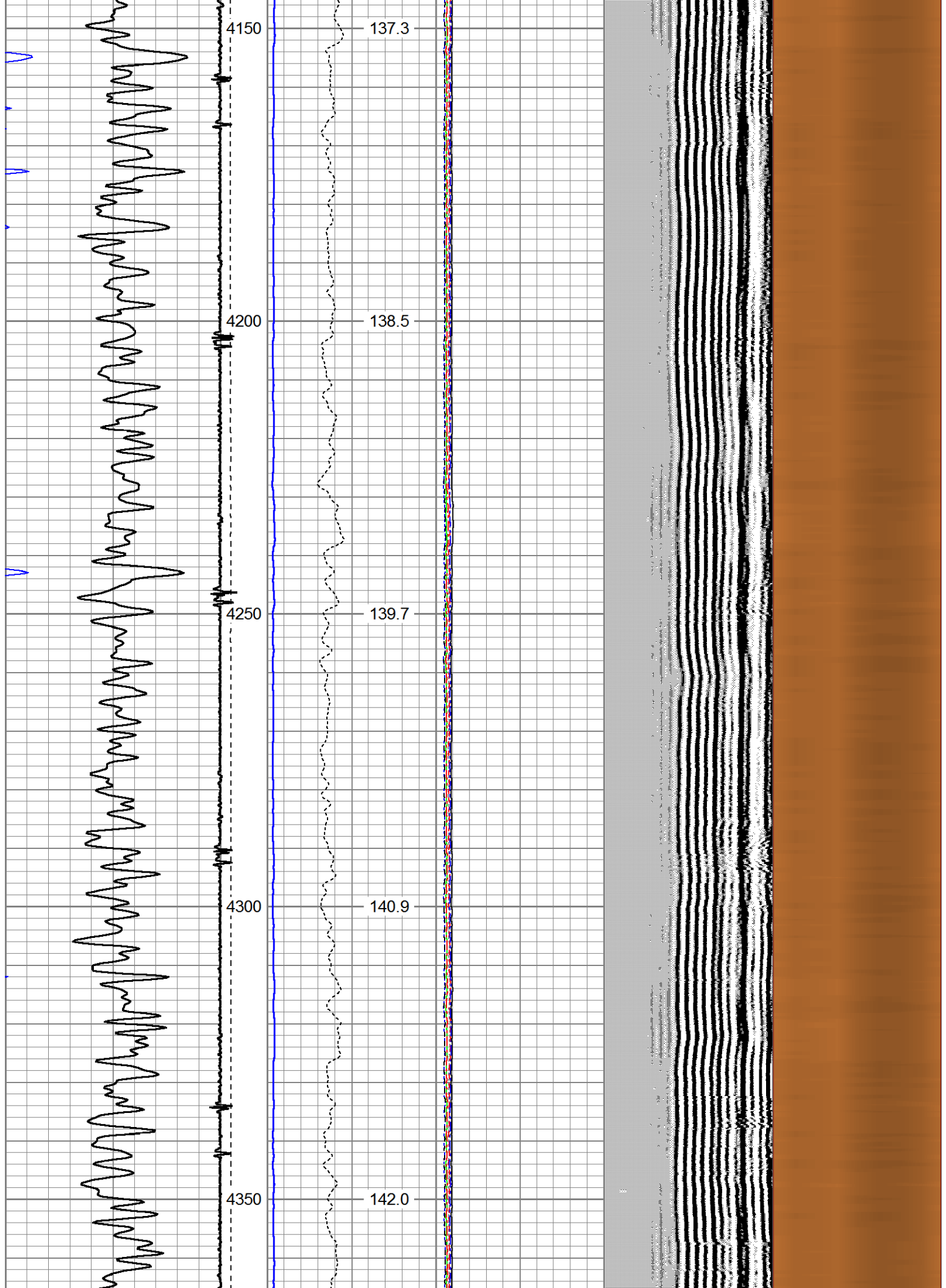




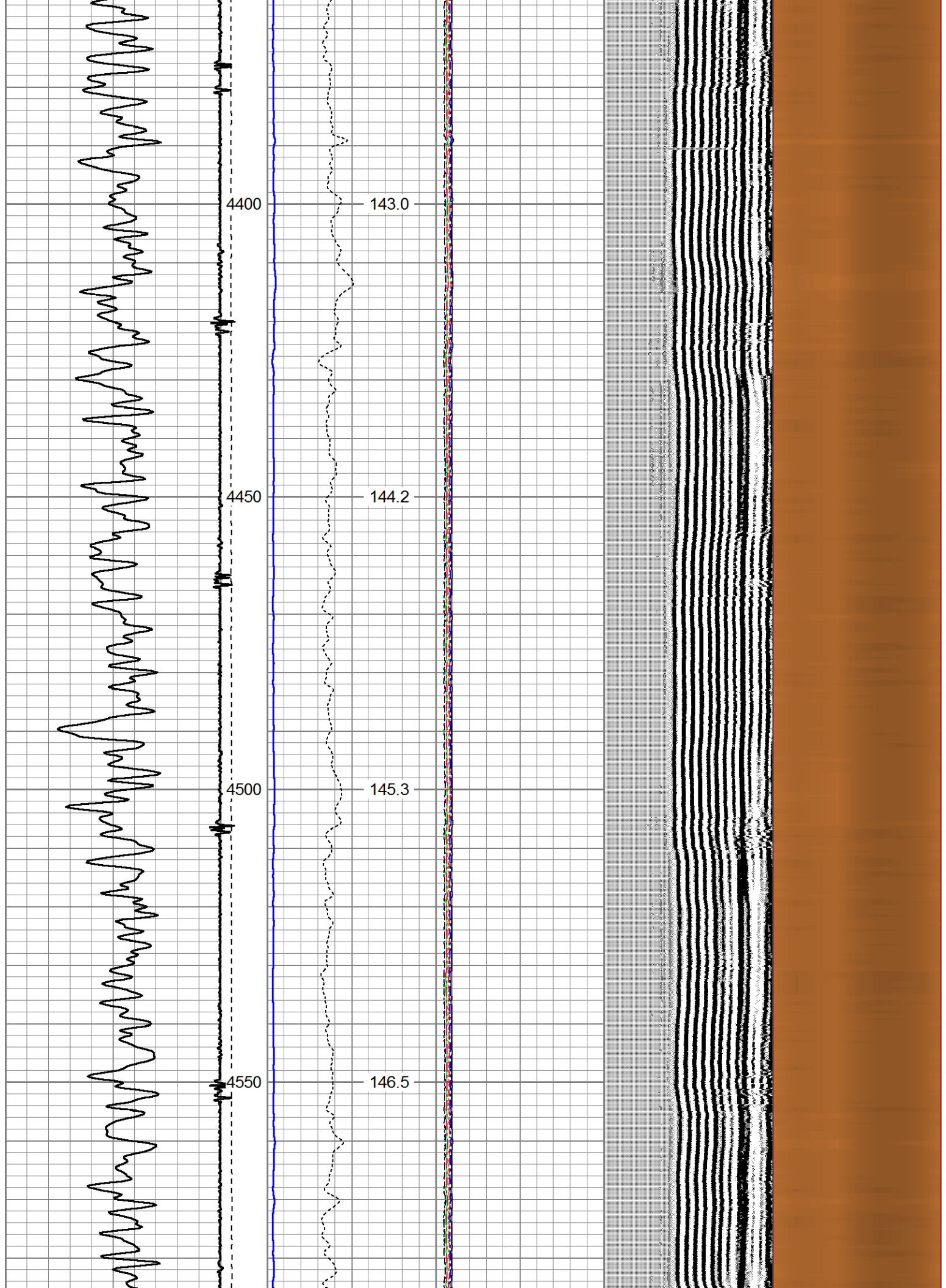


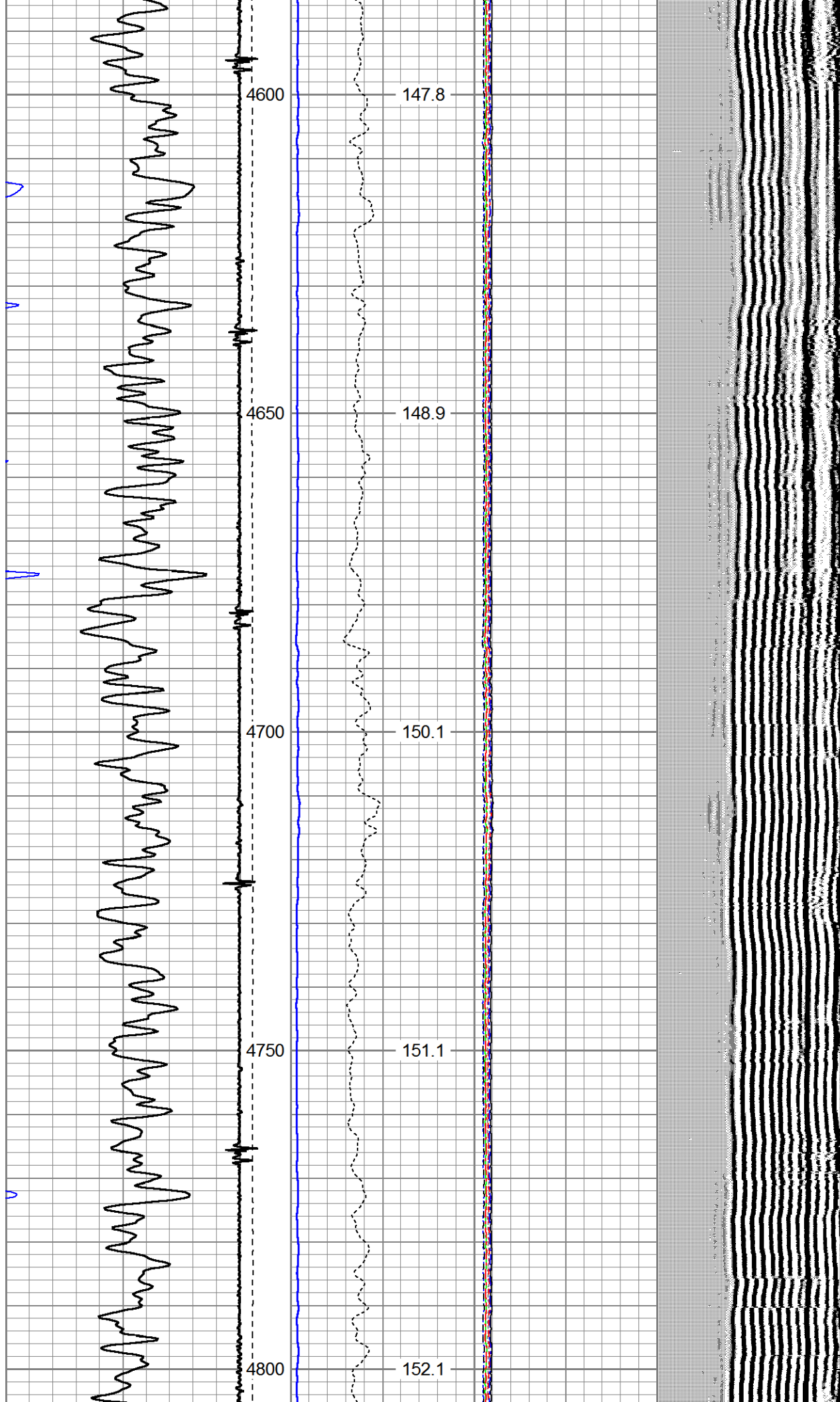


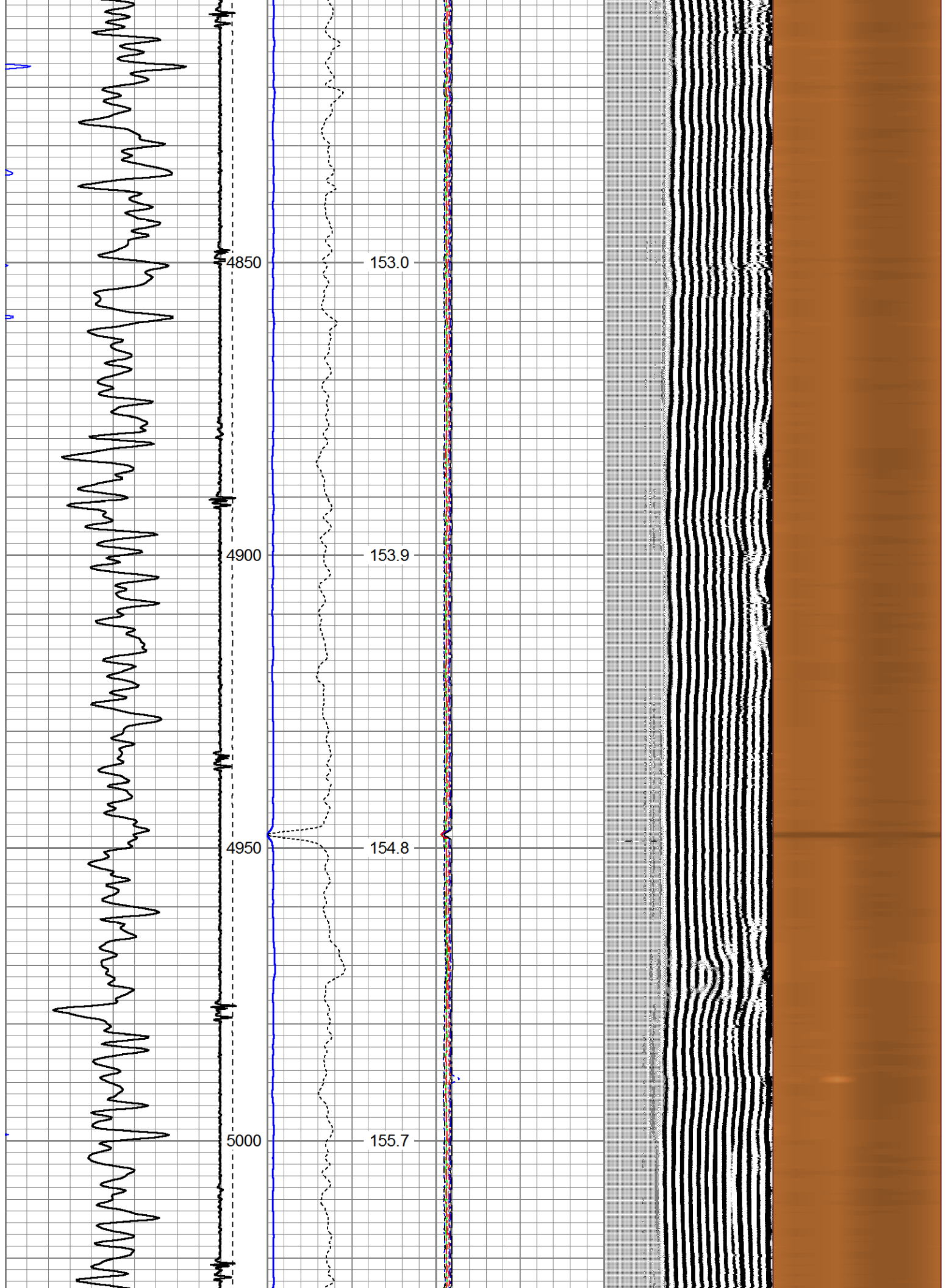


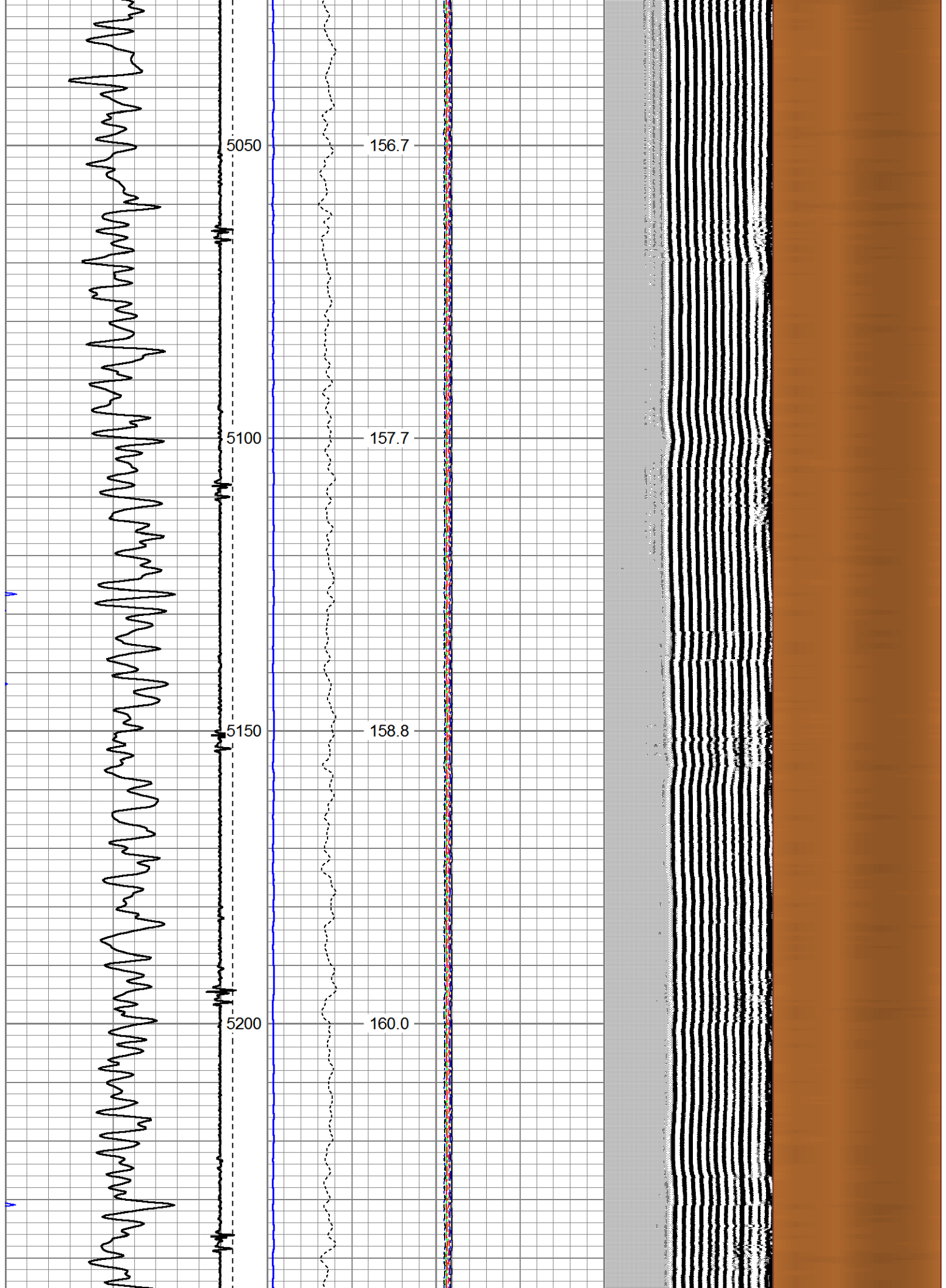




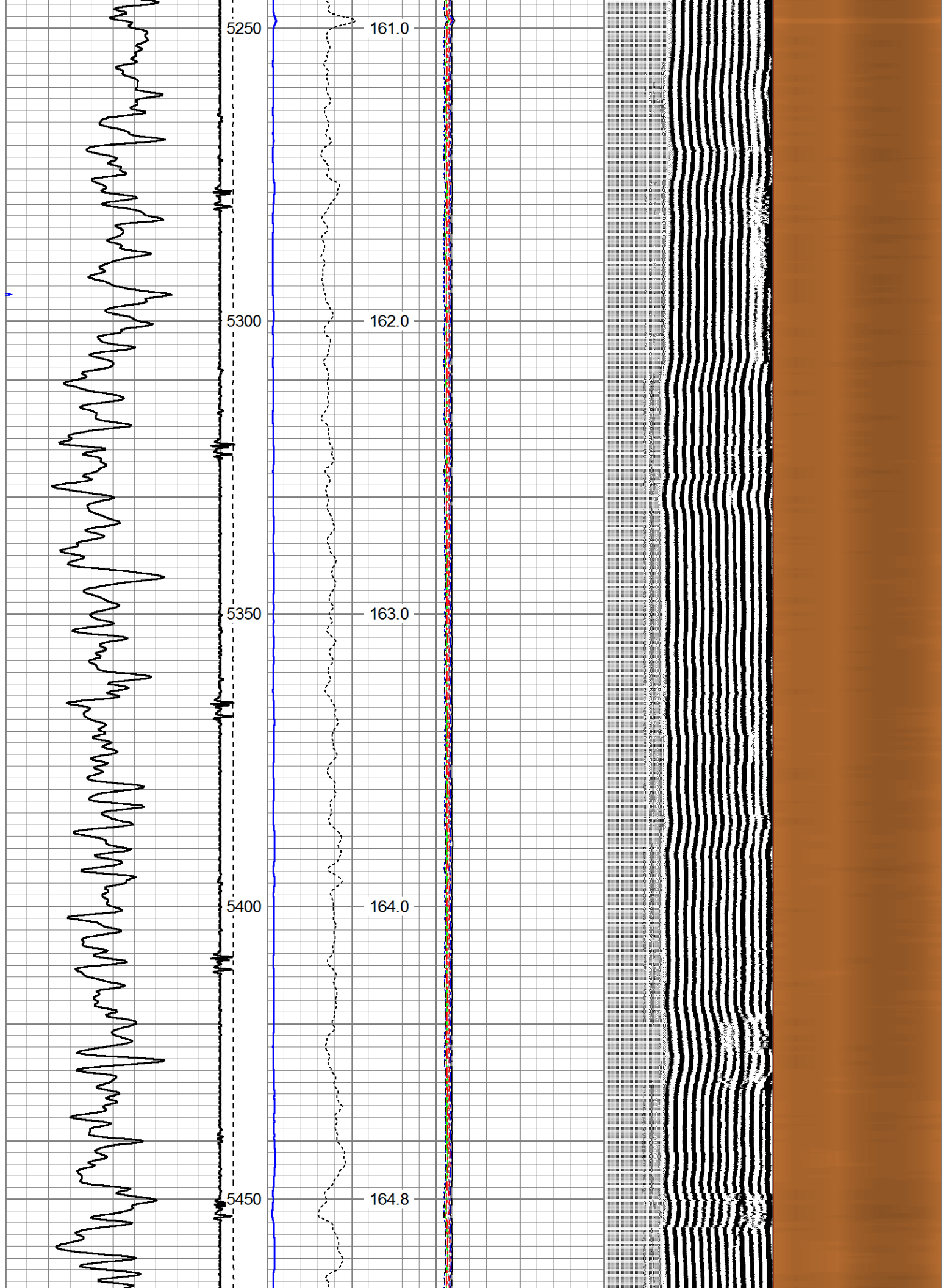


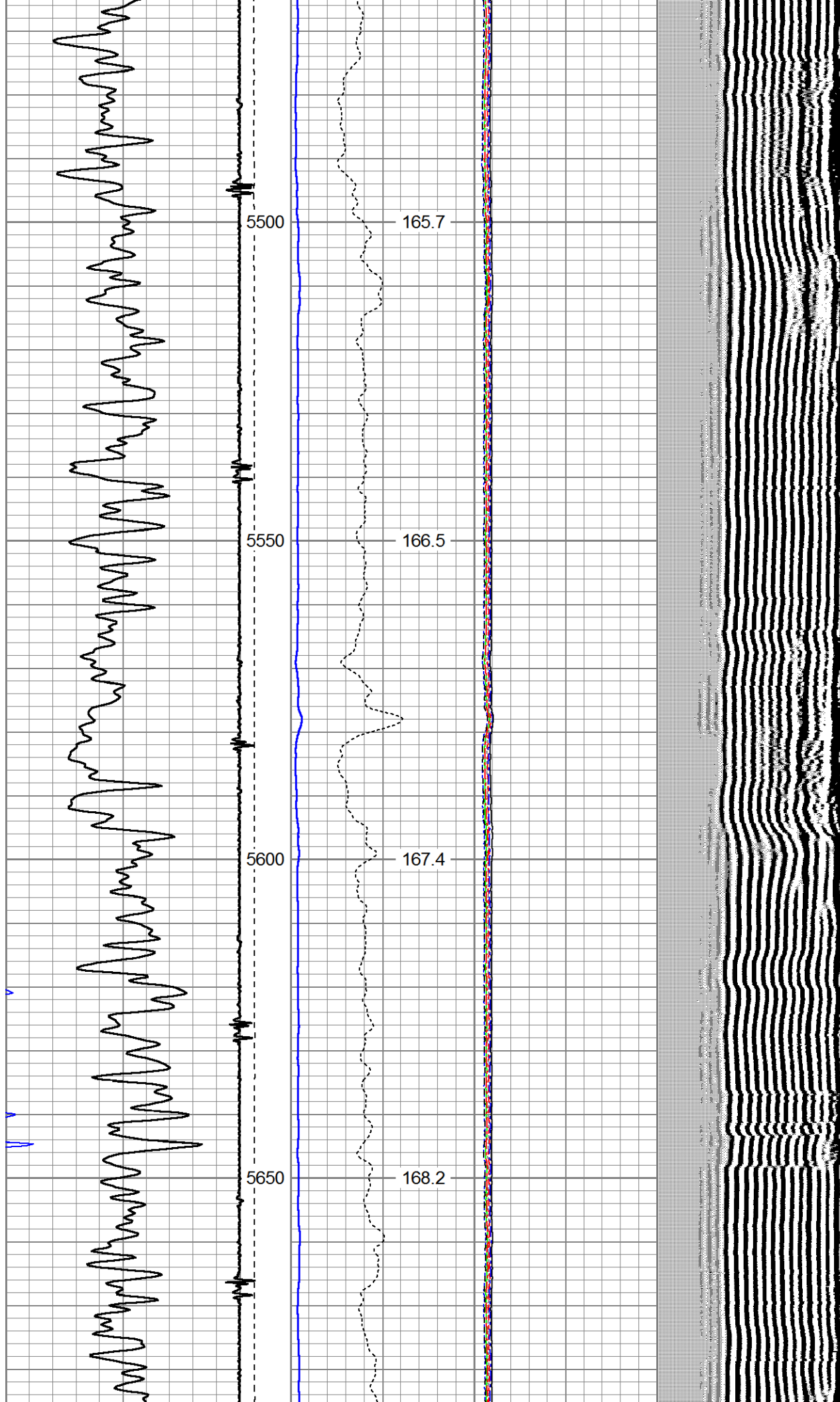




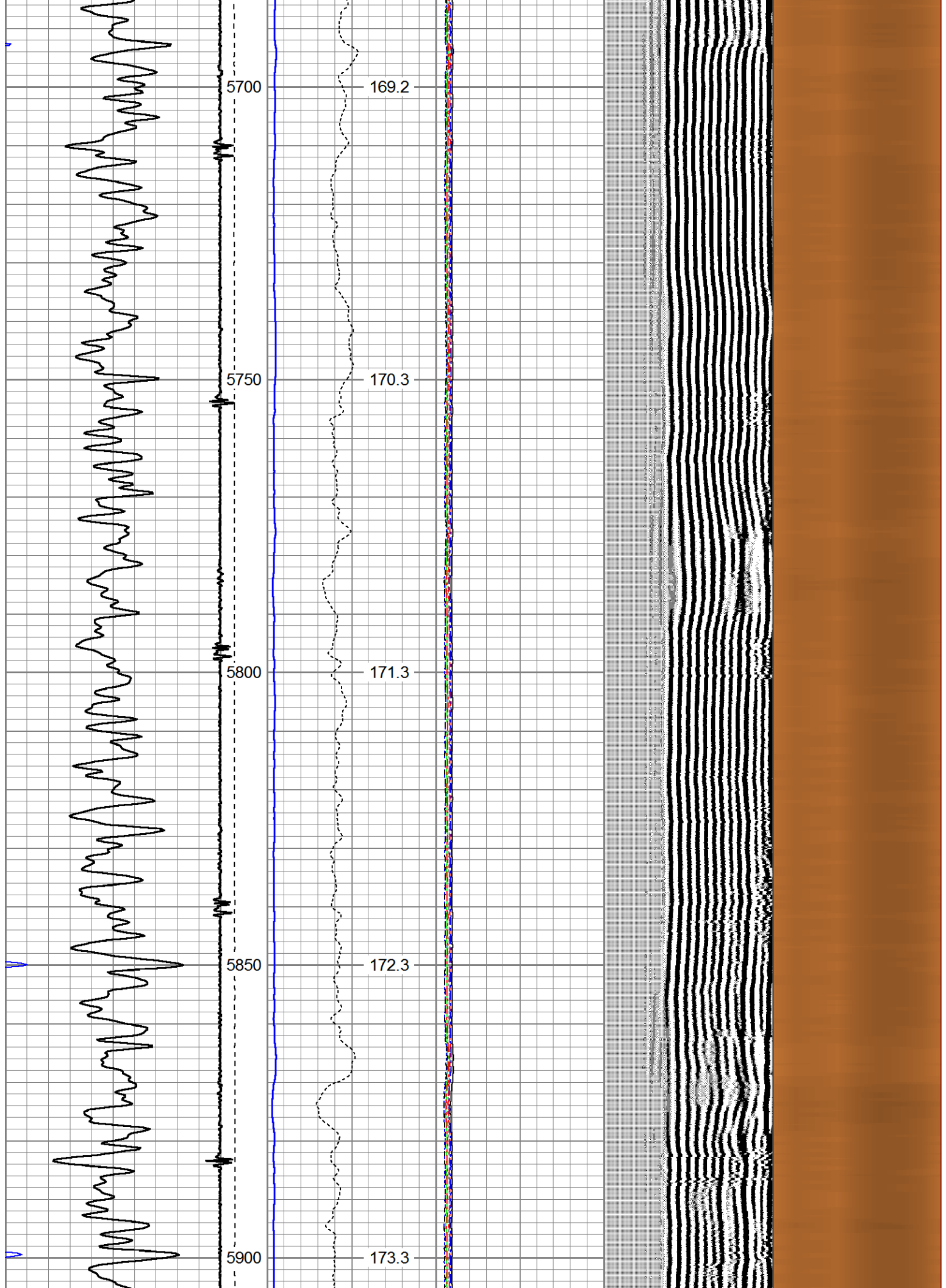


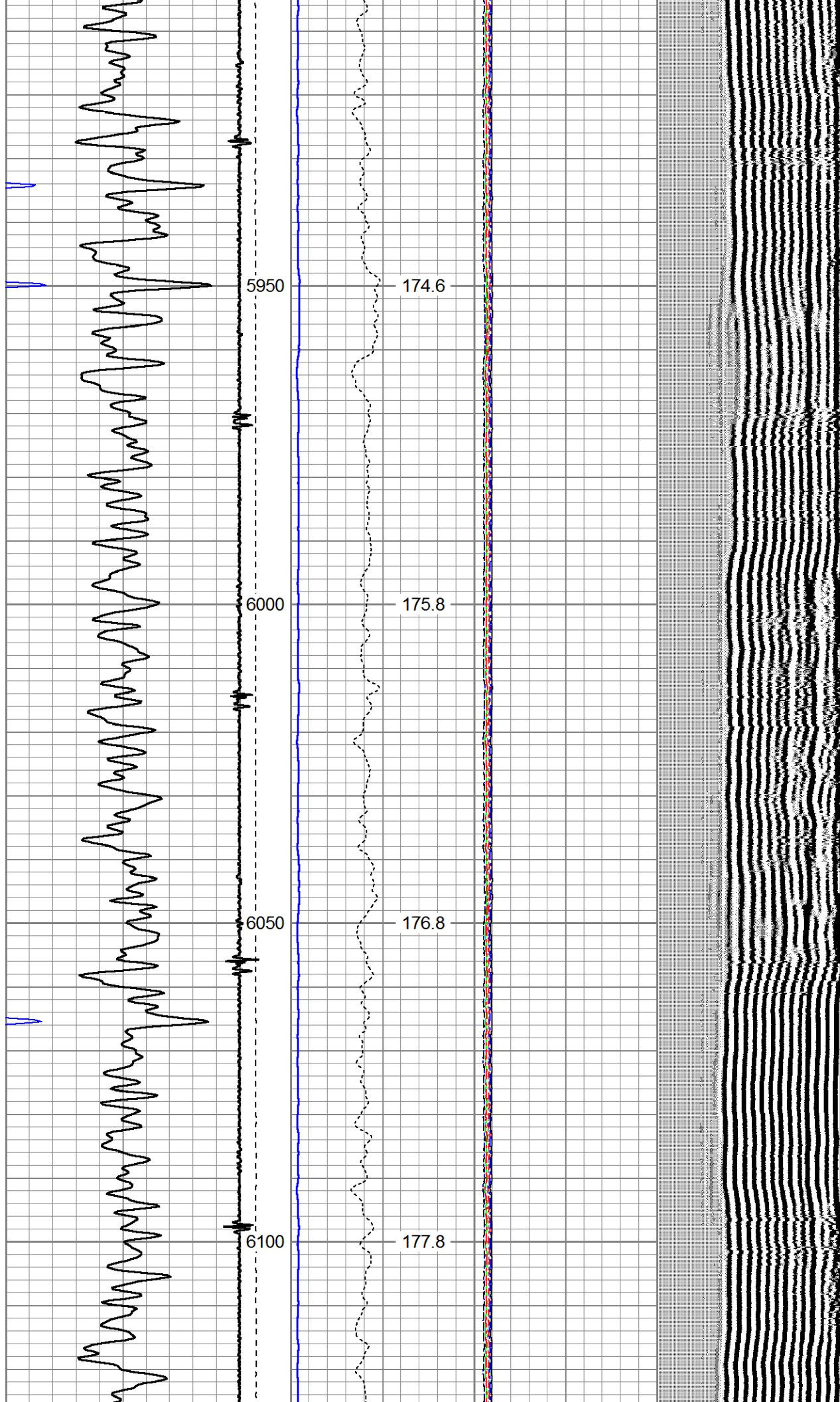


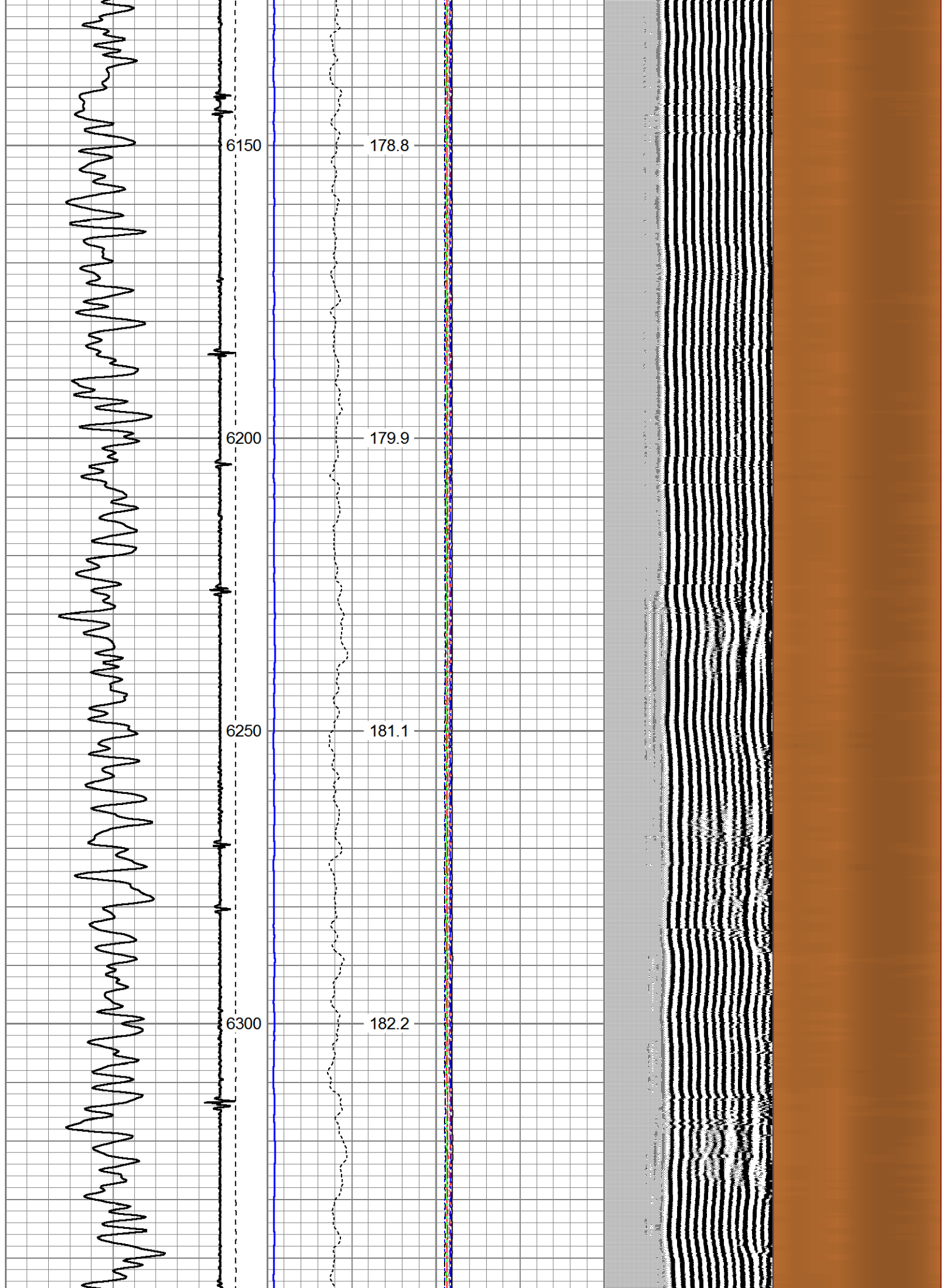




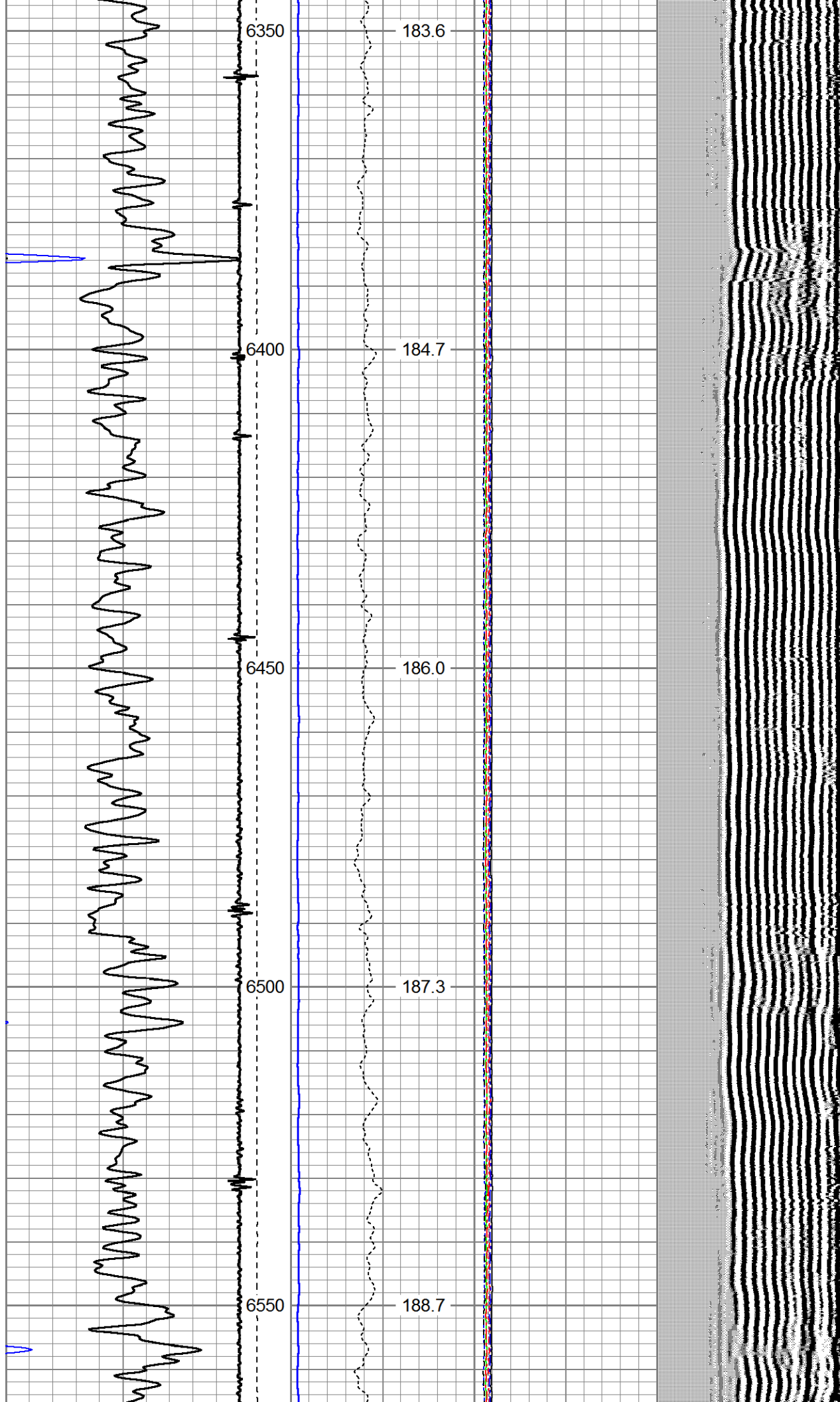


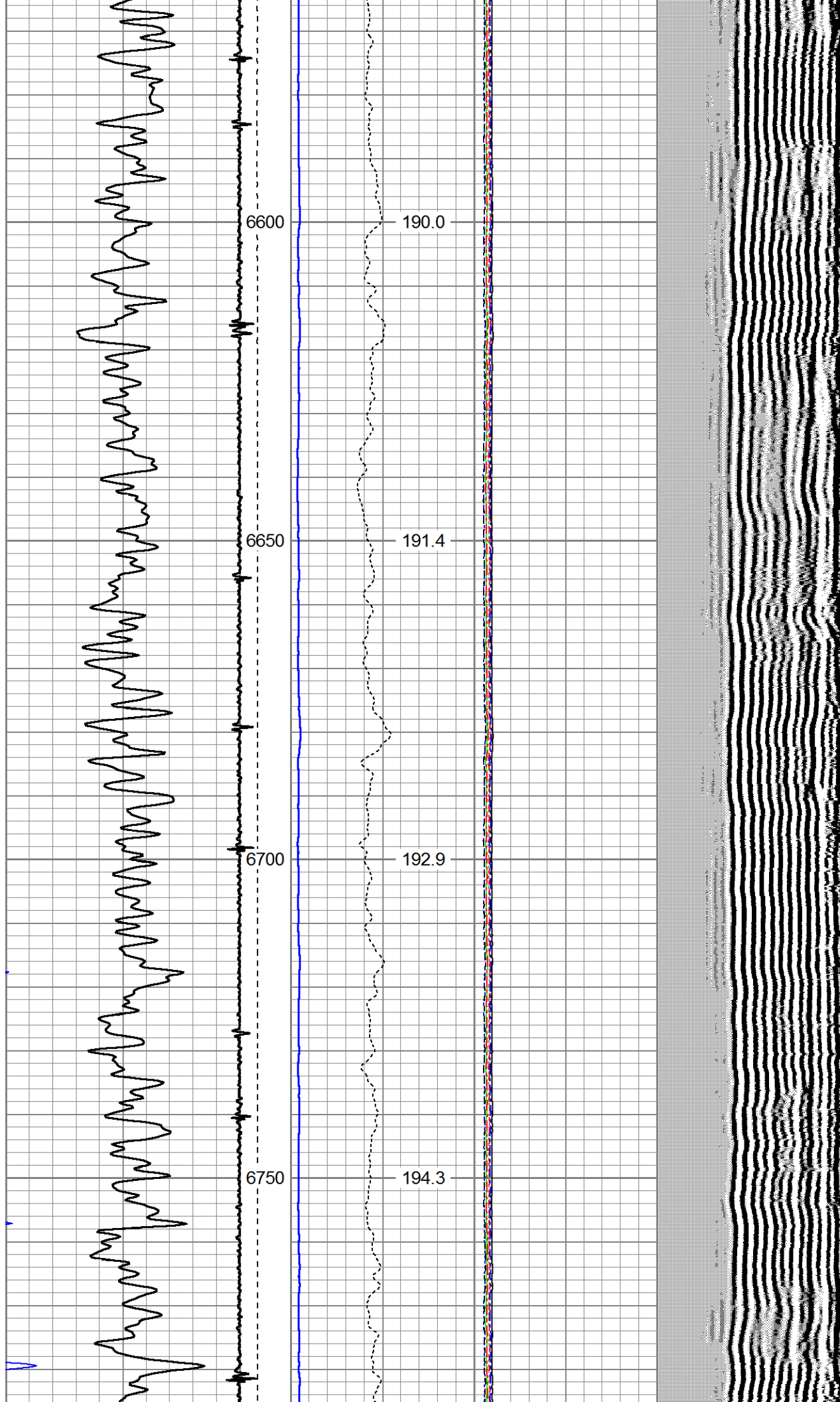


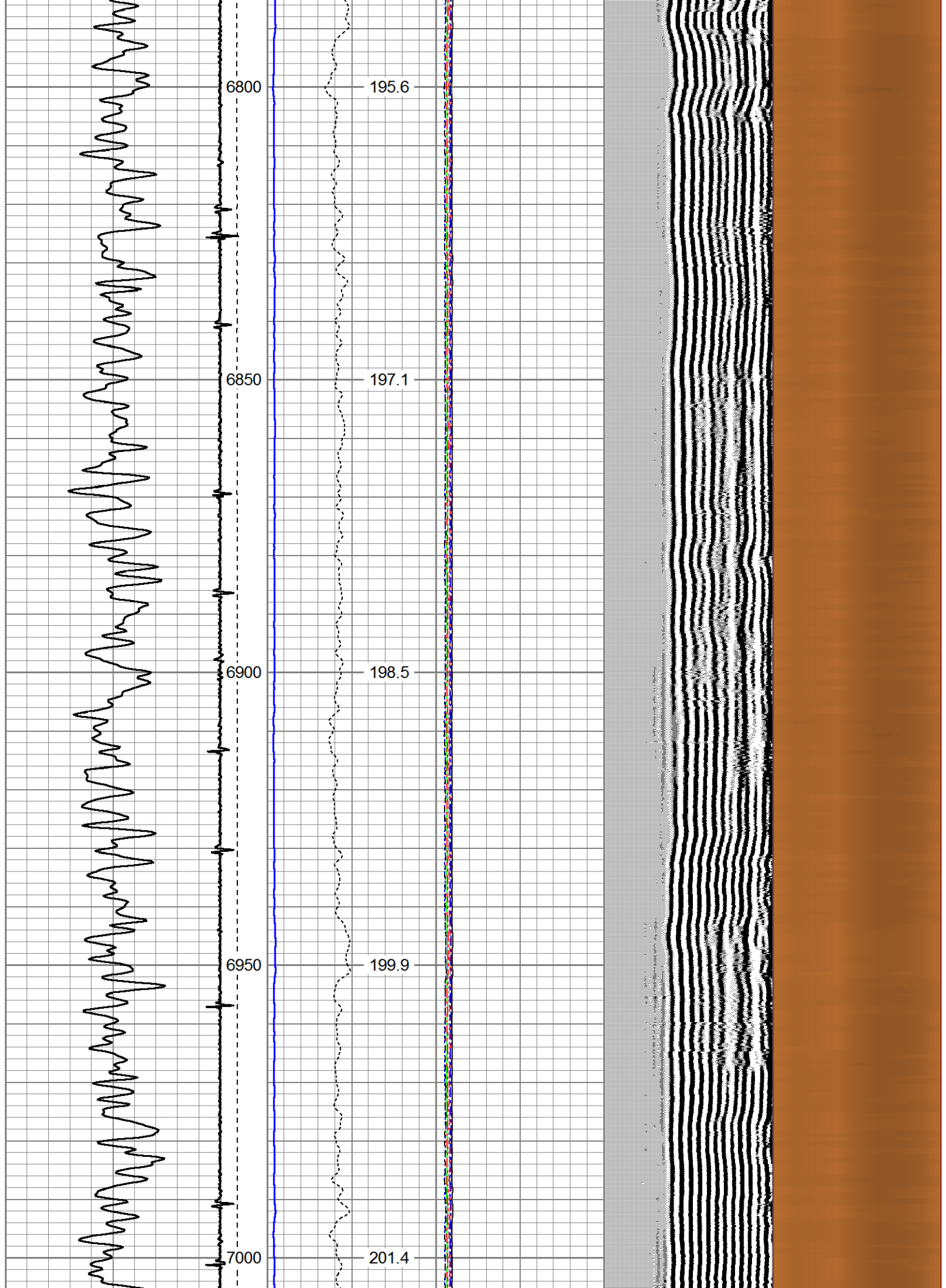




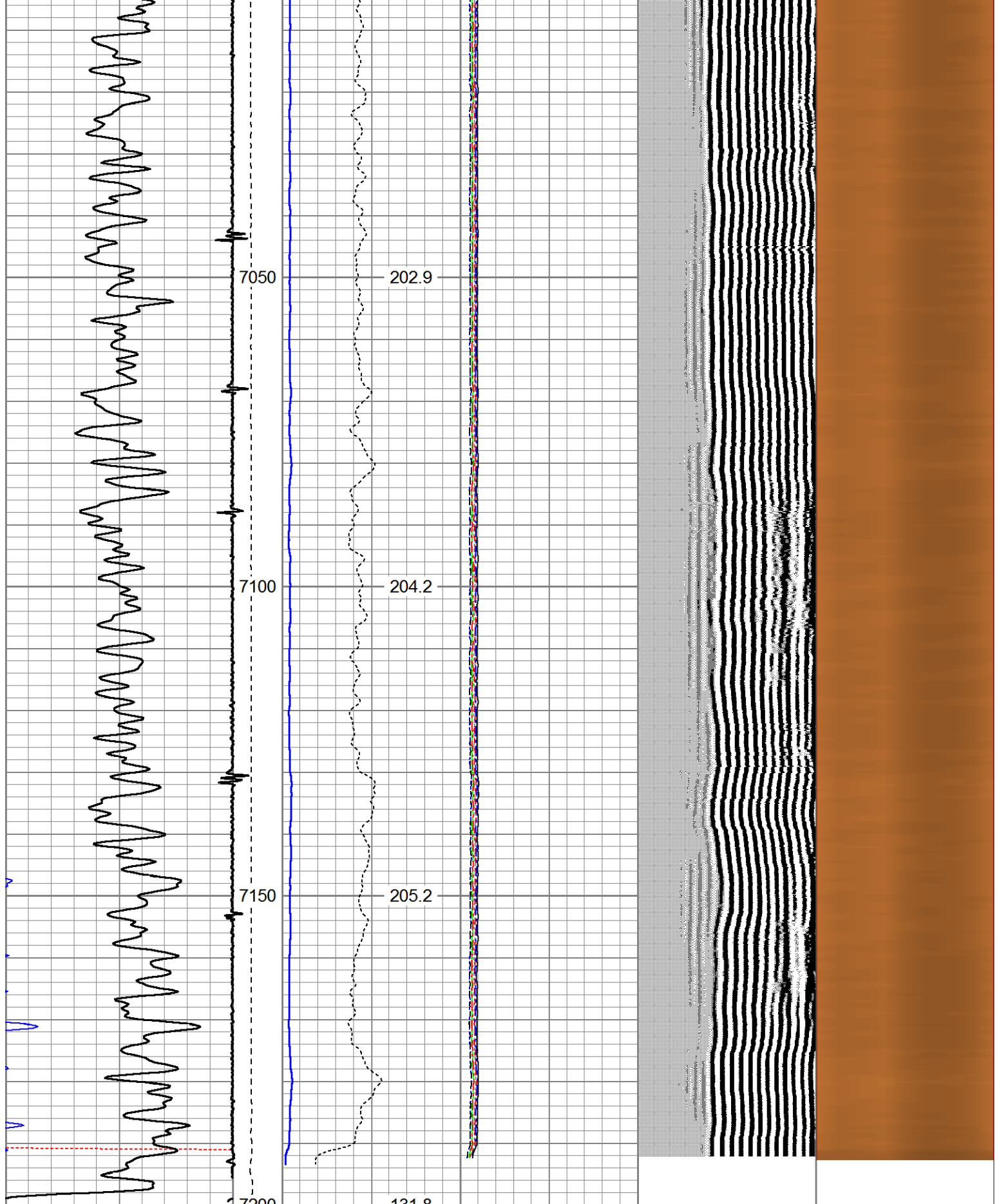










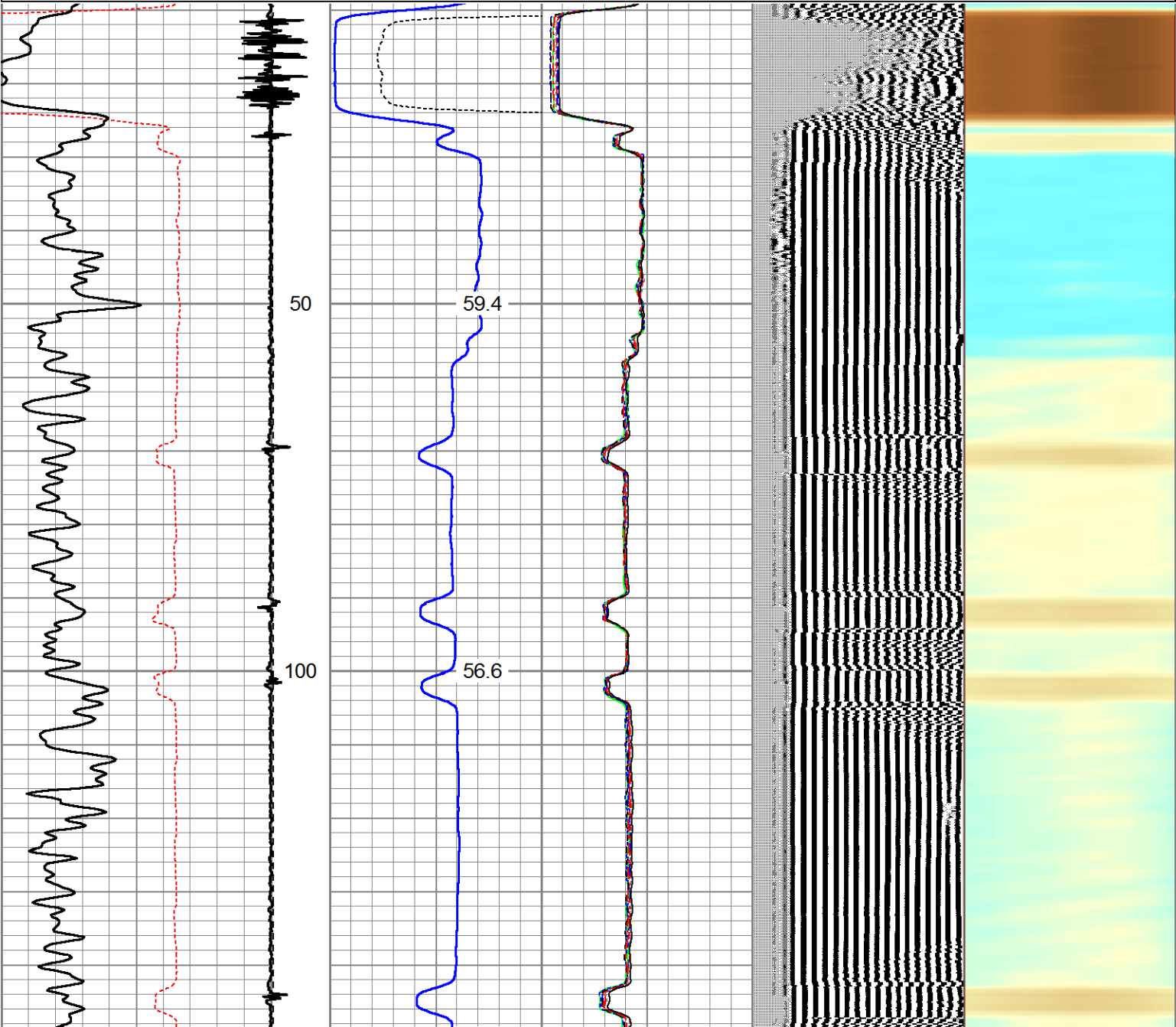


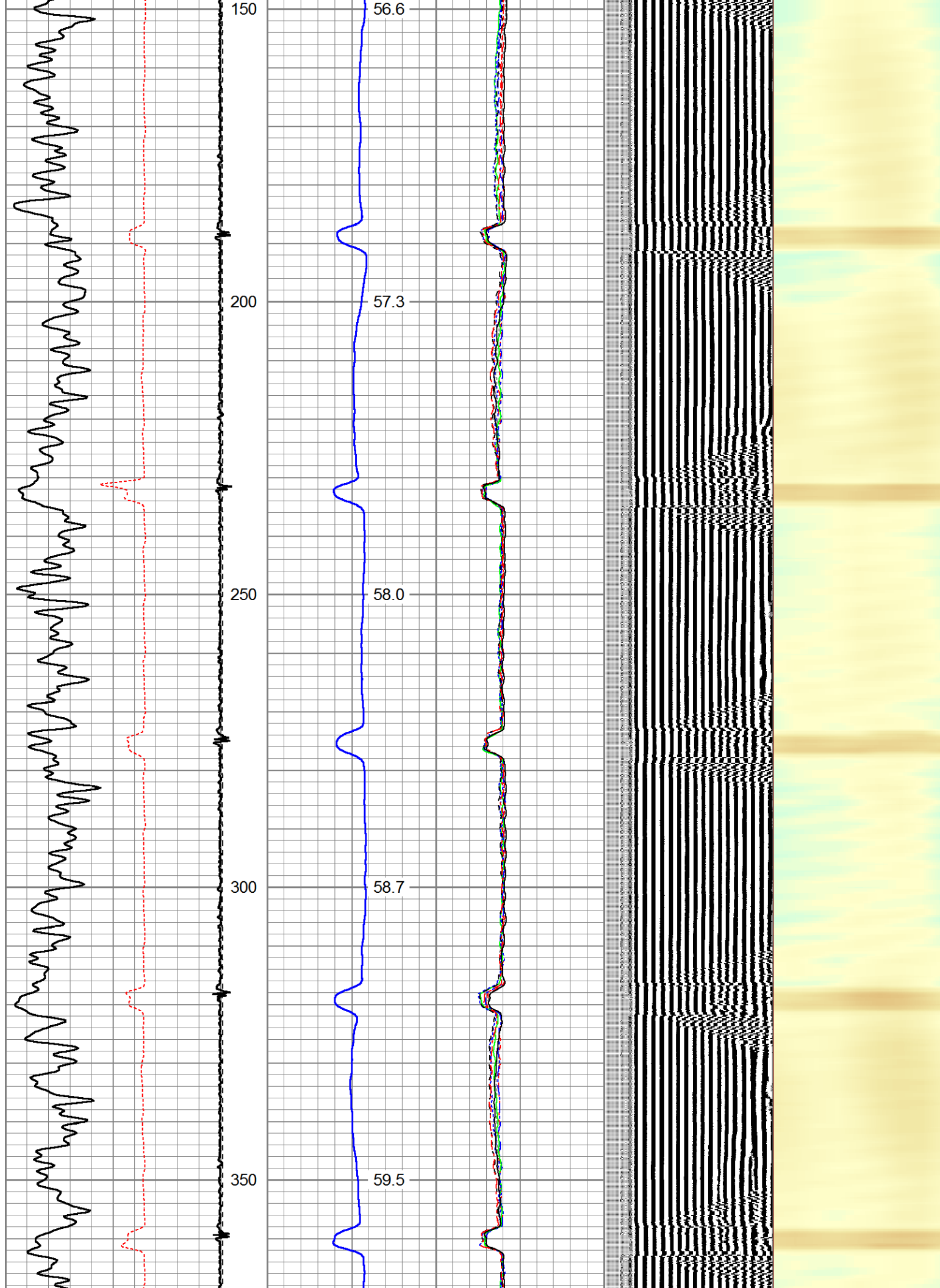
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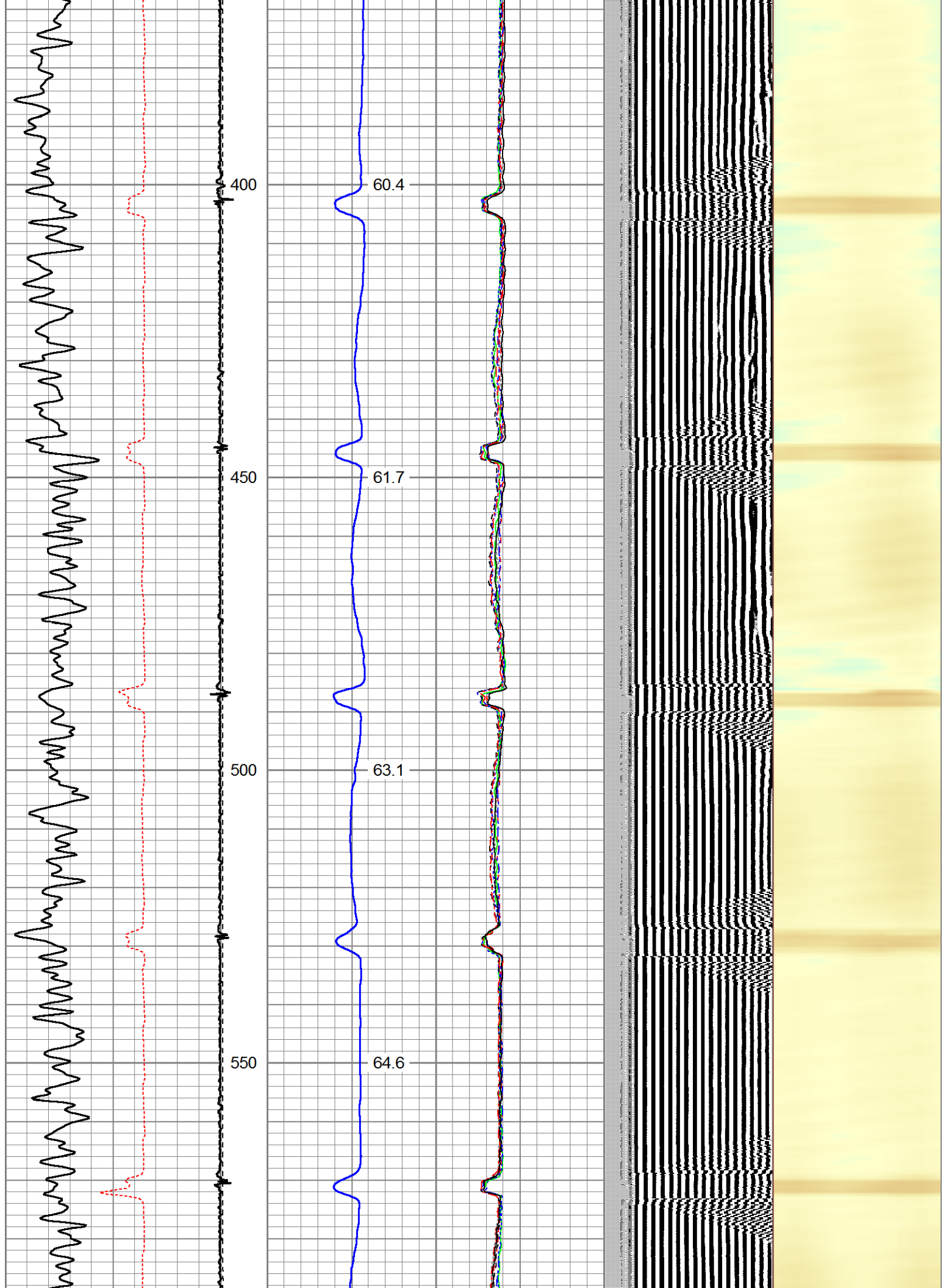
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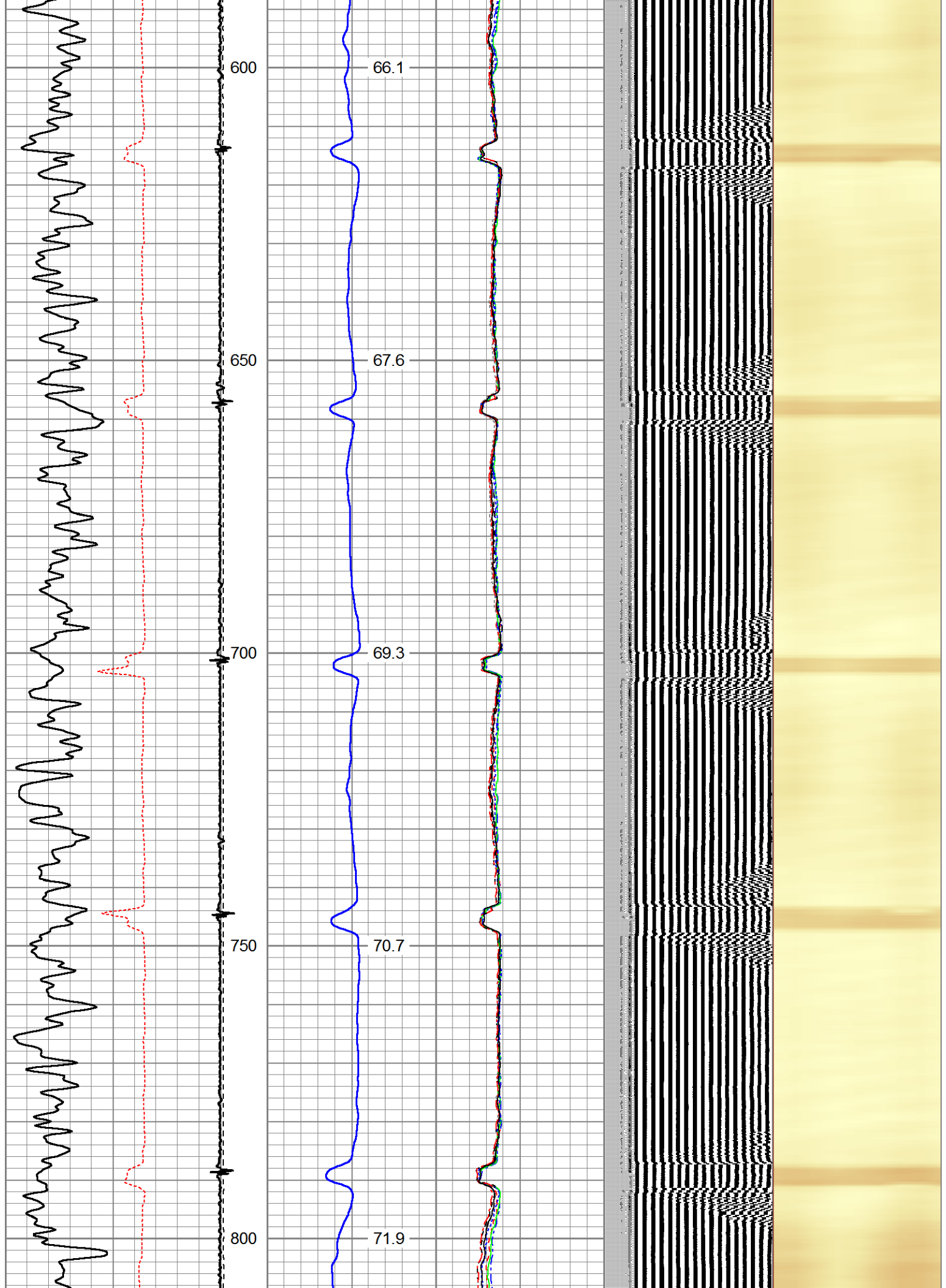
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0	GR (GAPI)	200		(lb)		Amplified Amplitude		-5	AMPS3	150		1		100
			CCL	000	0	(mV)	10	-5	AMPS4	150				
					TEMP		-5	AMPS5	150					
					(degF)		-5	AMPS6	150					
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							-5	AMPS8	150					
							-5	AMPS1	150					

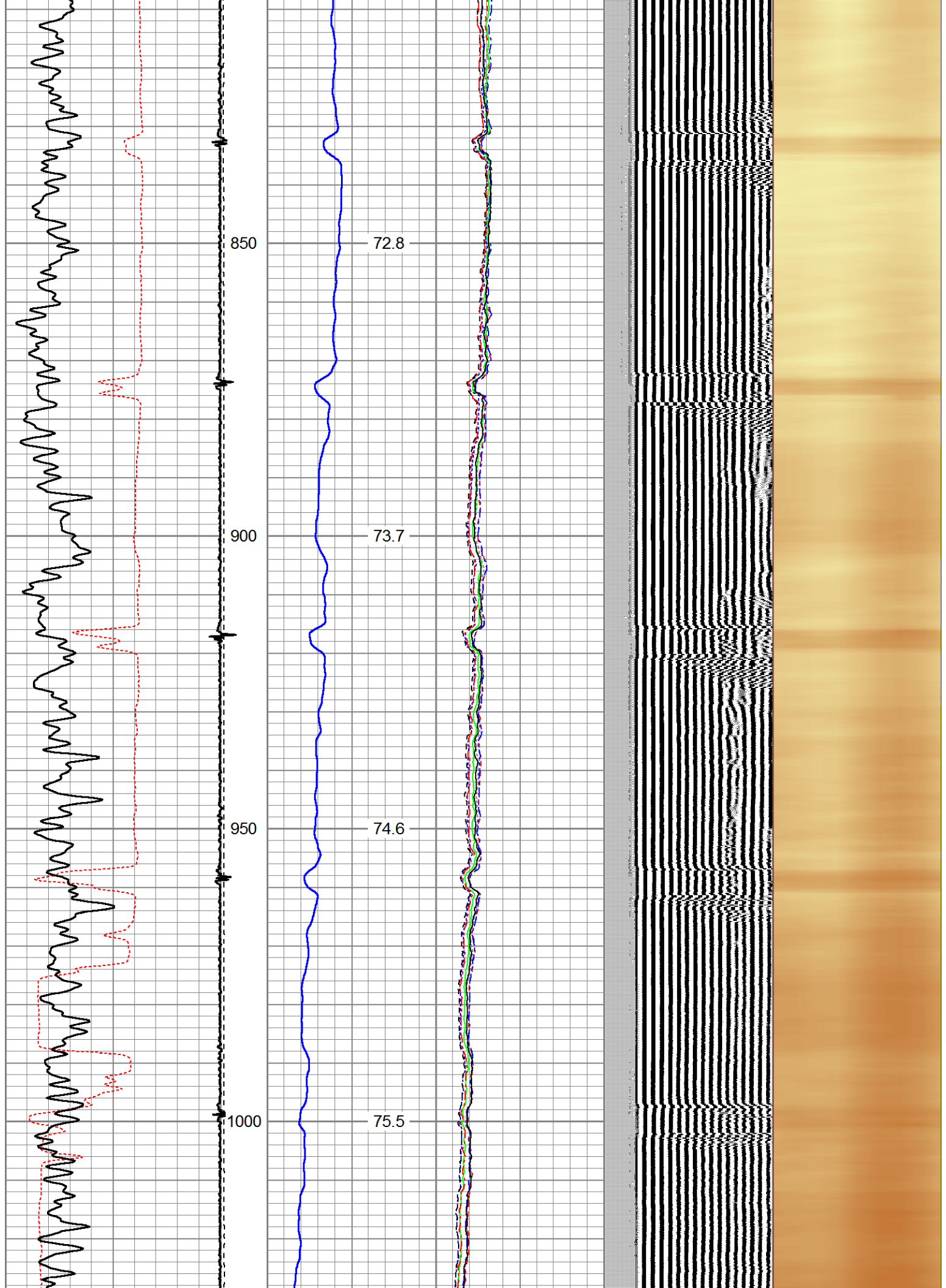




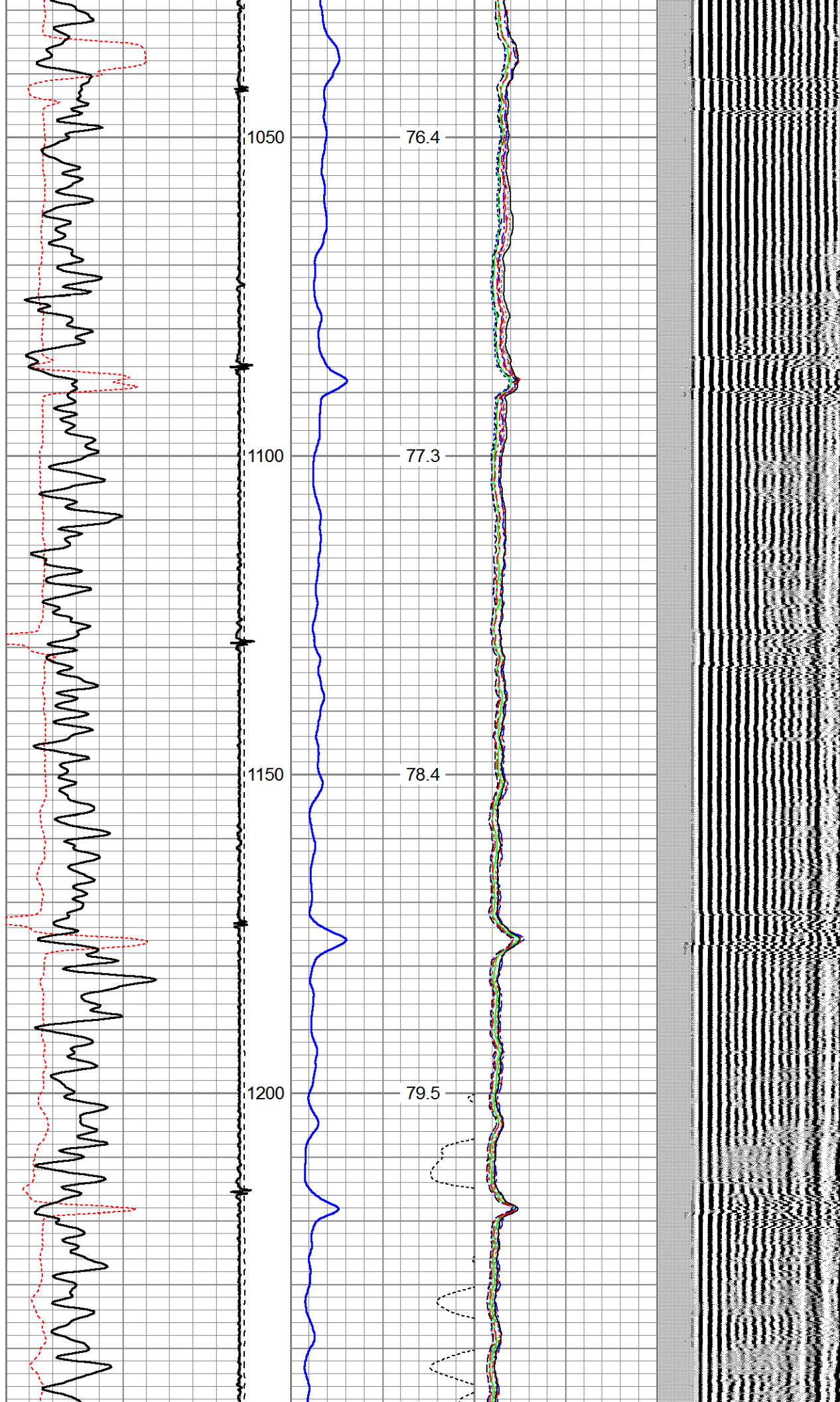


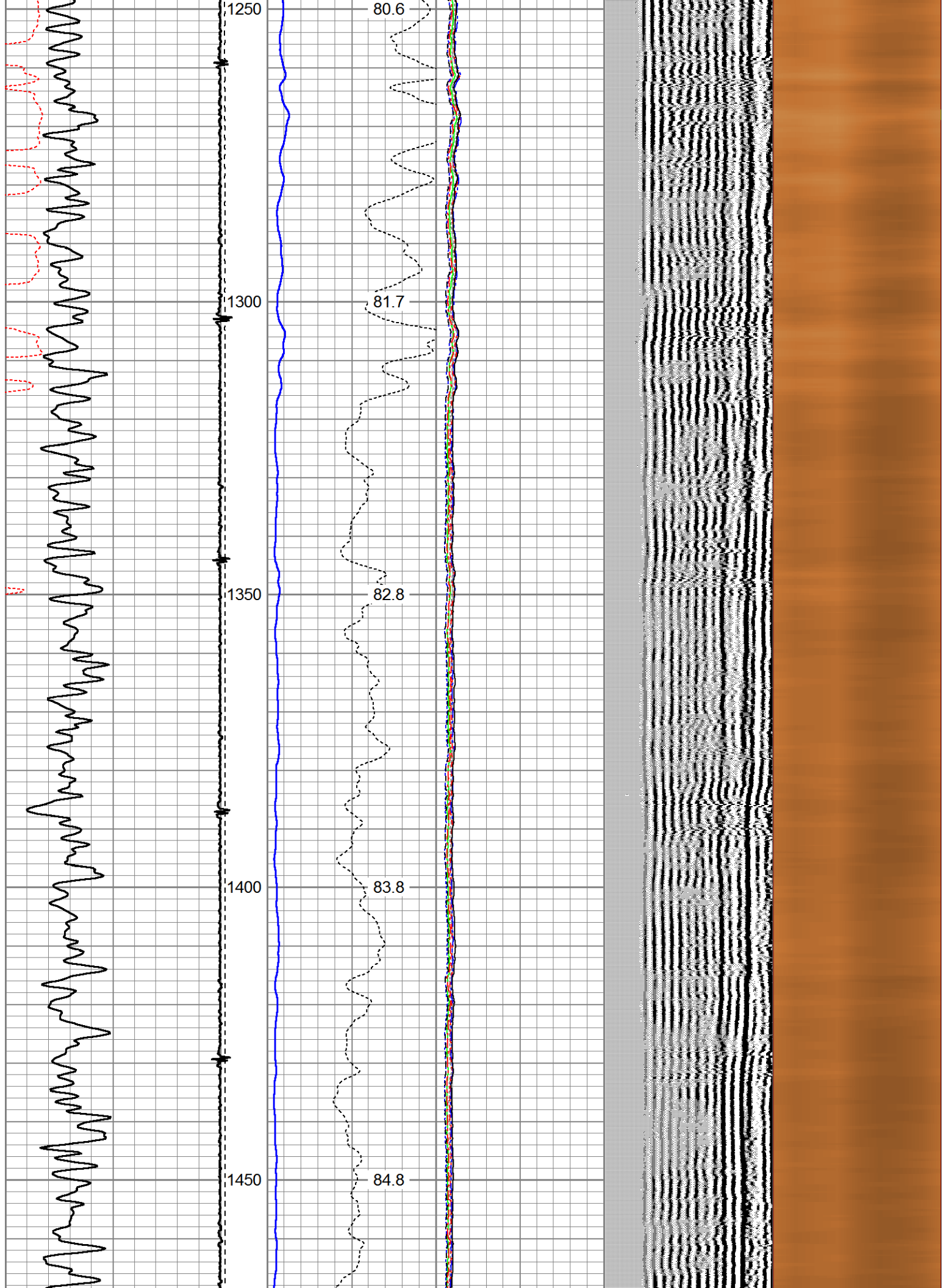


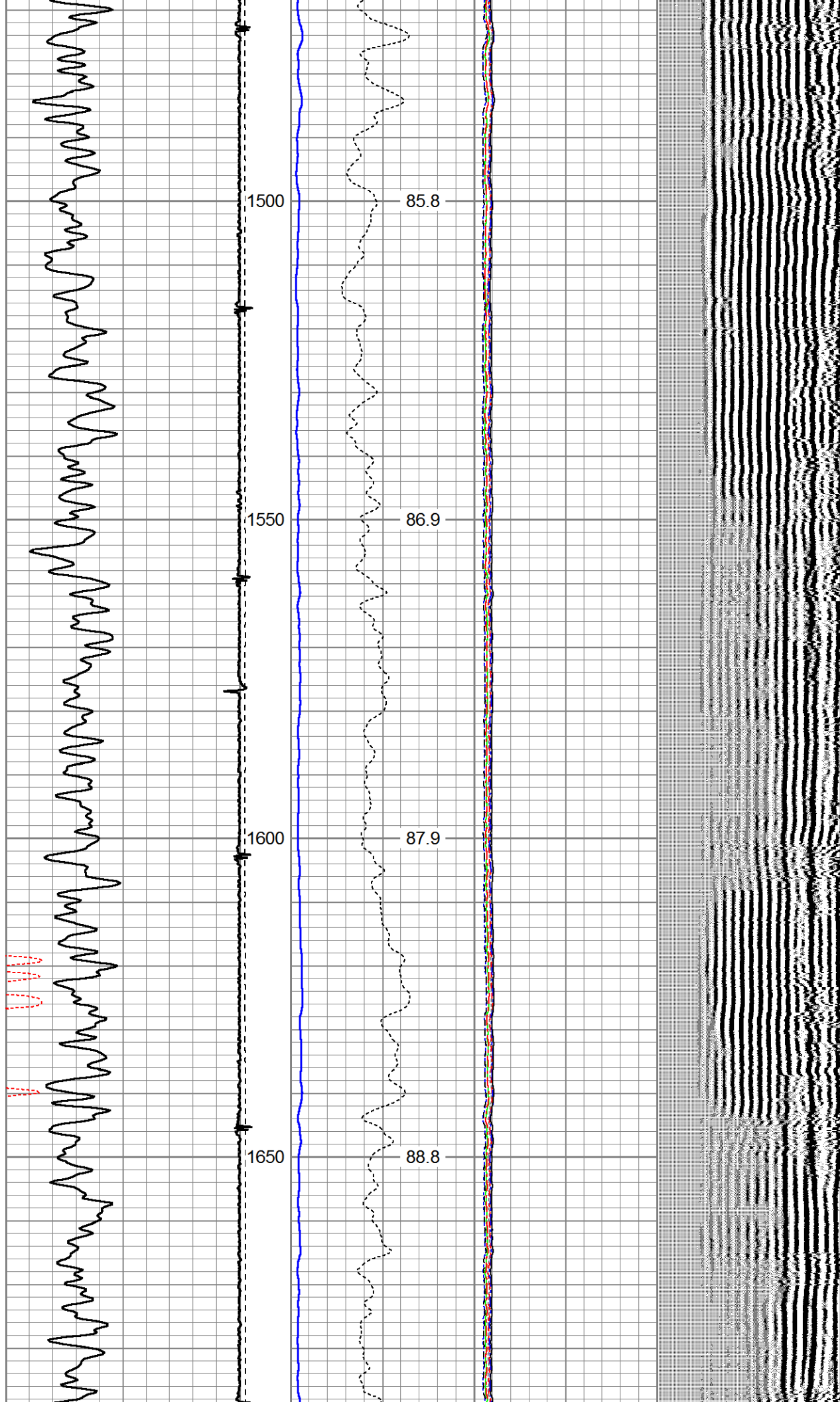




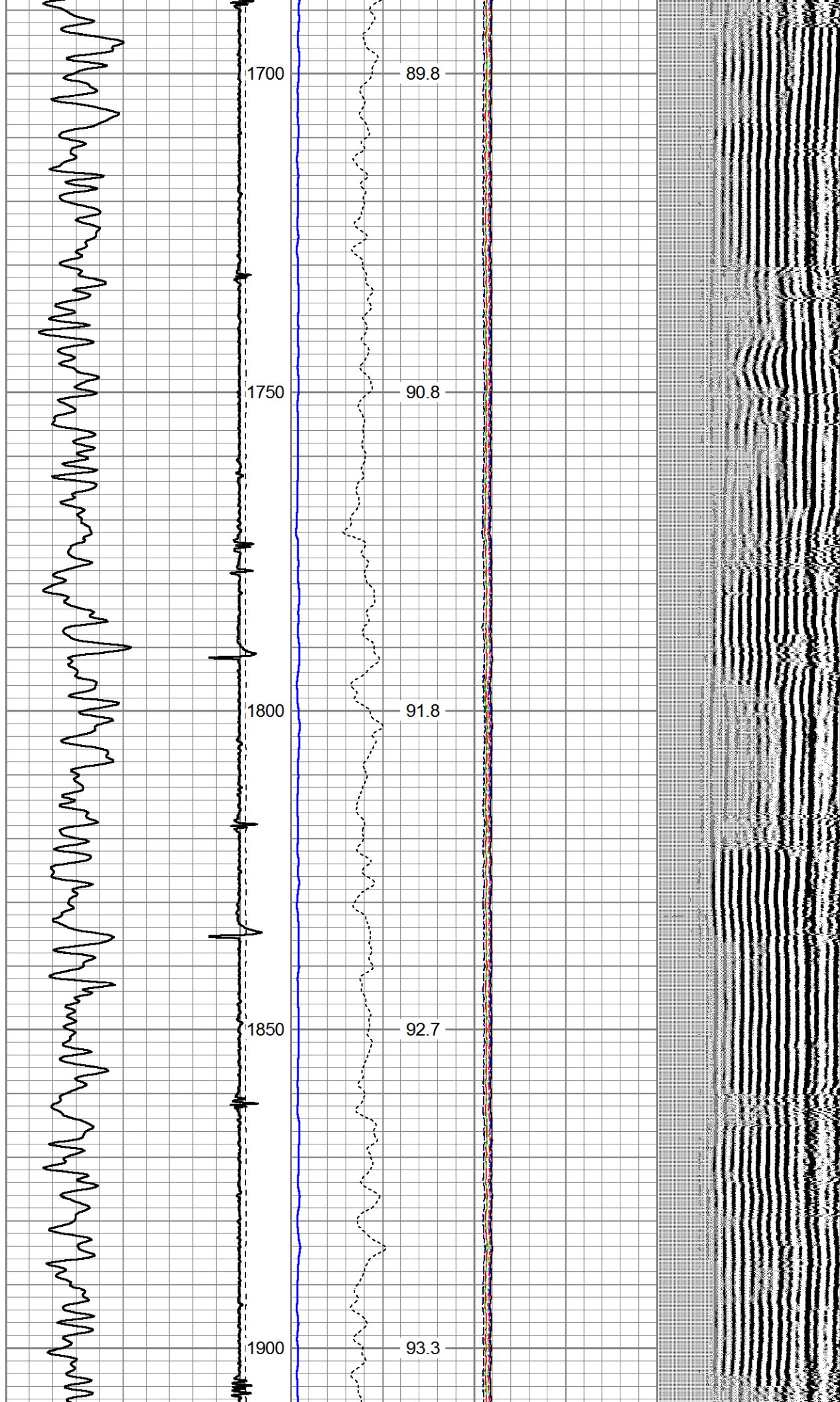


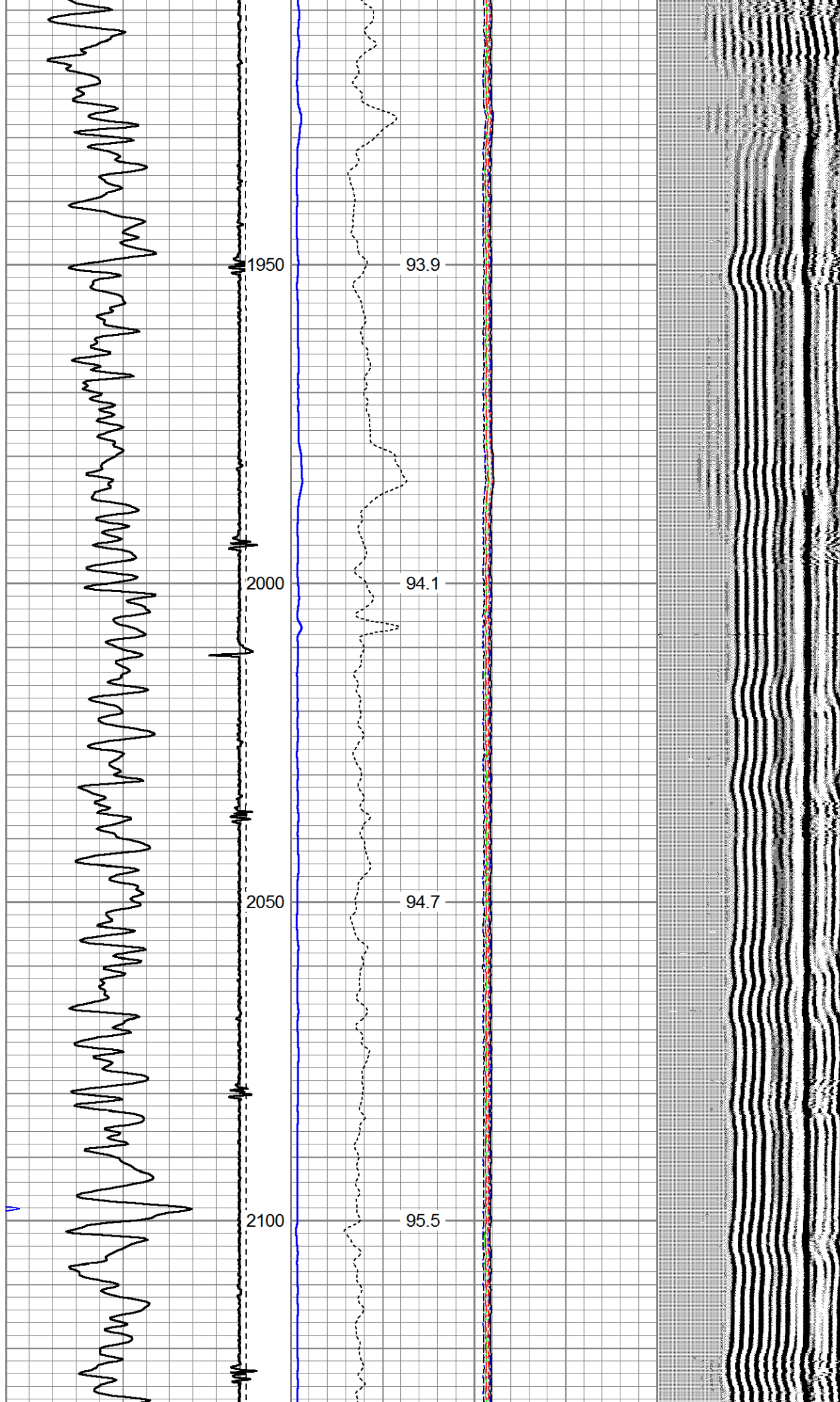


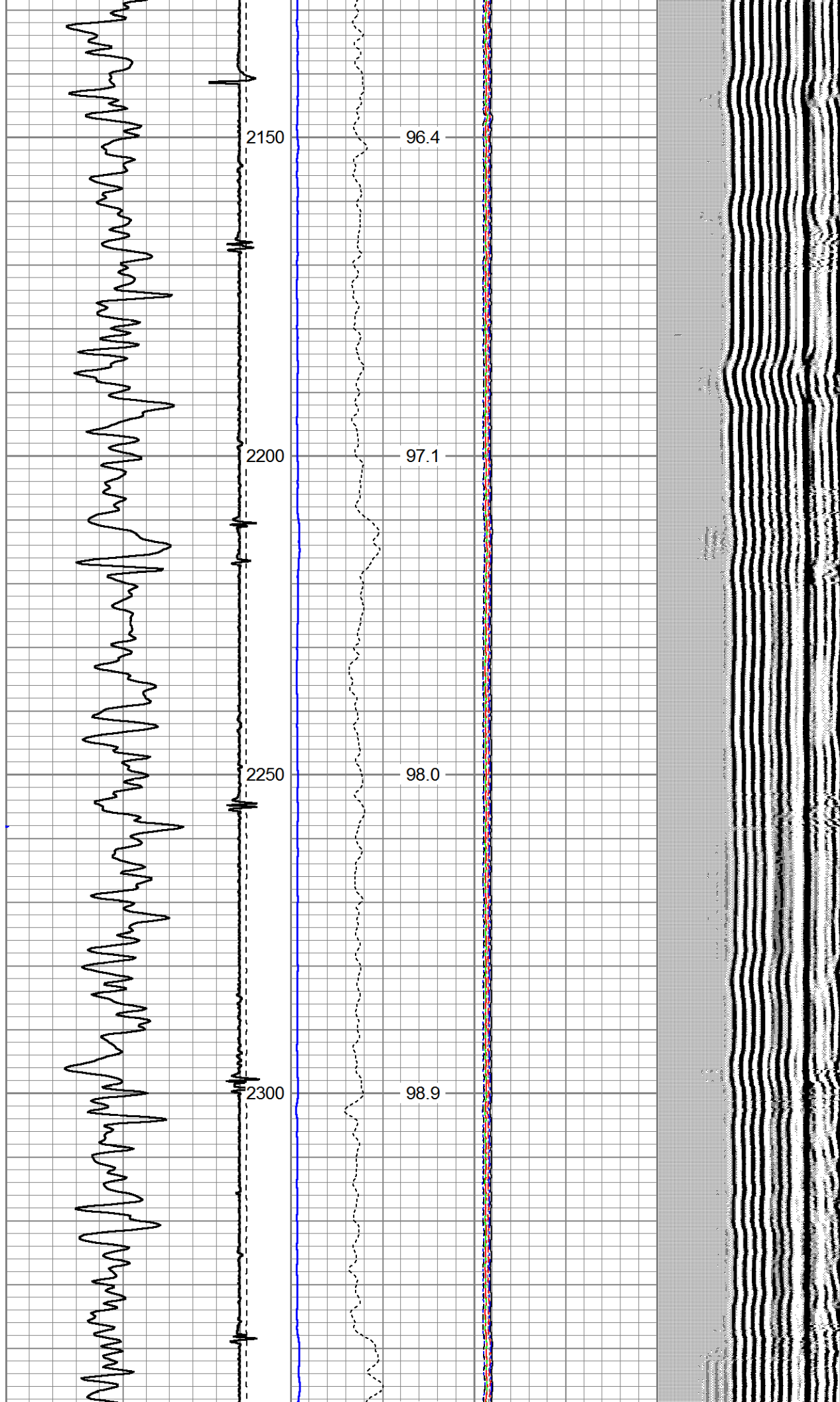




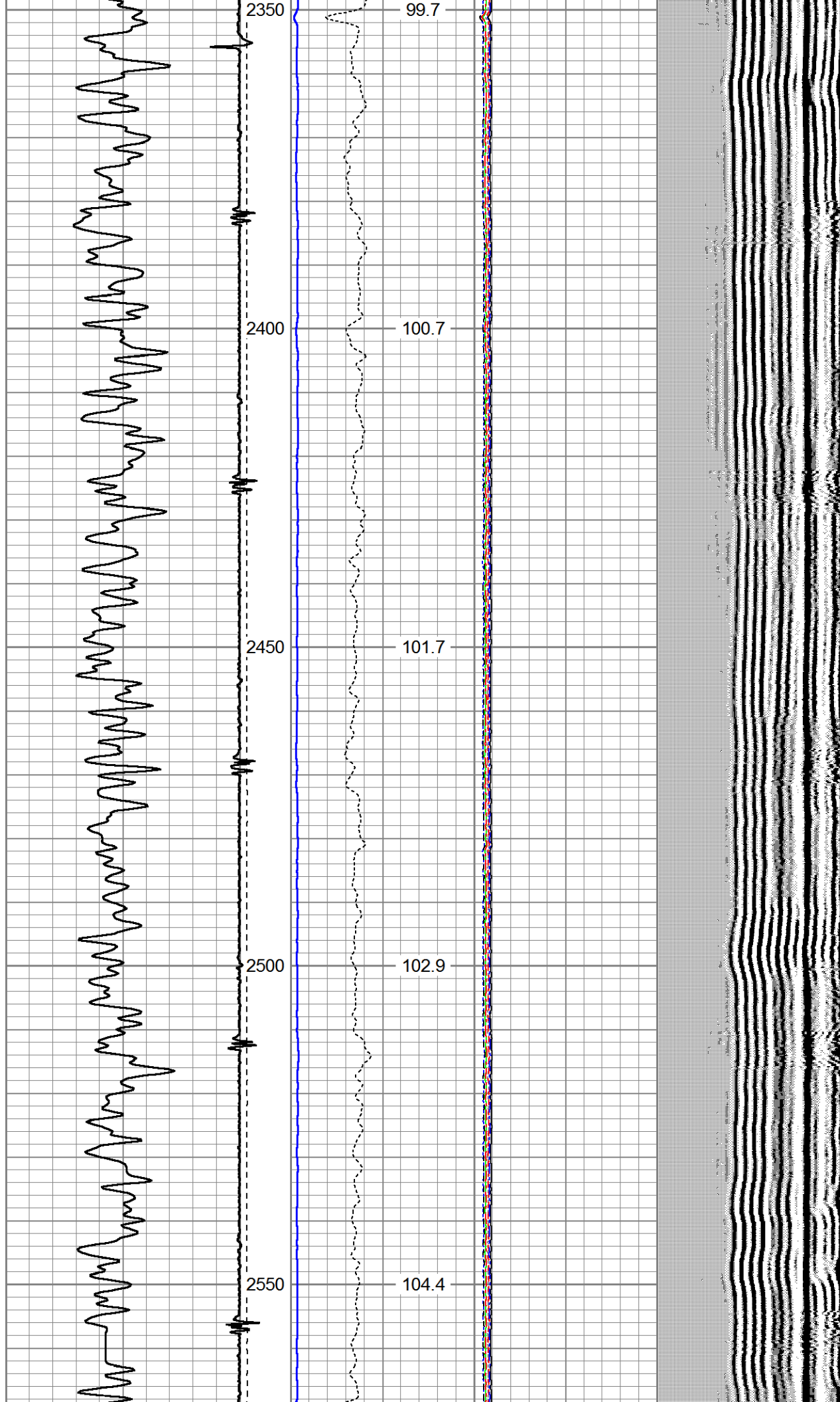


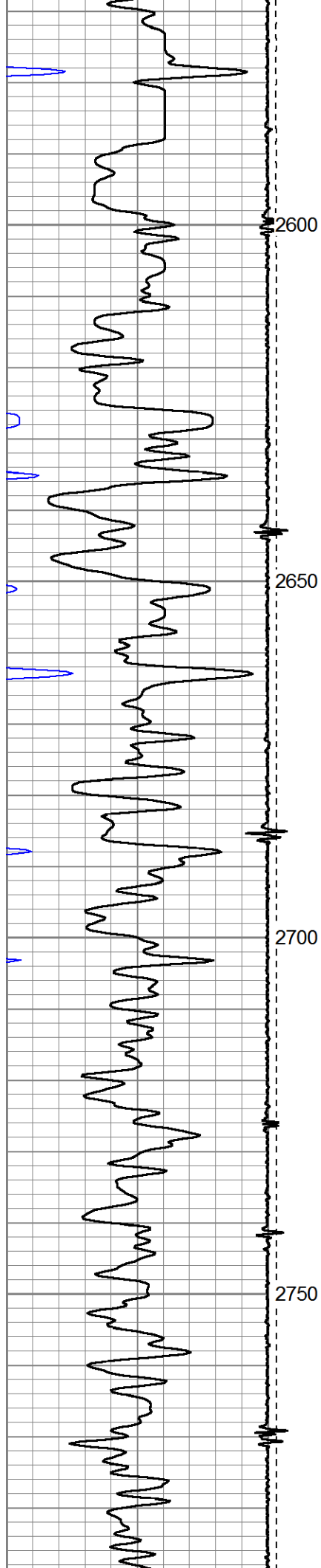












2600

2650

2700

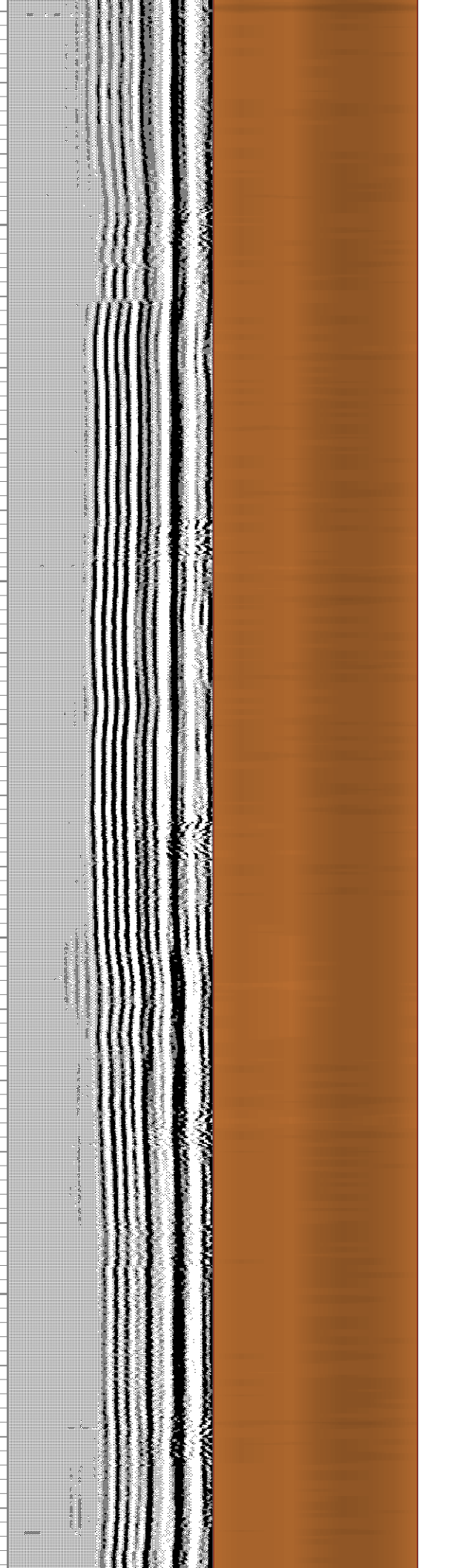
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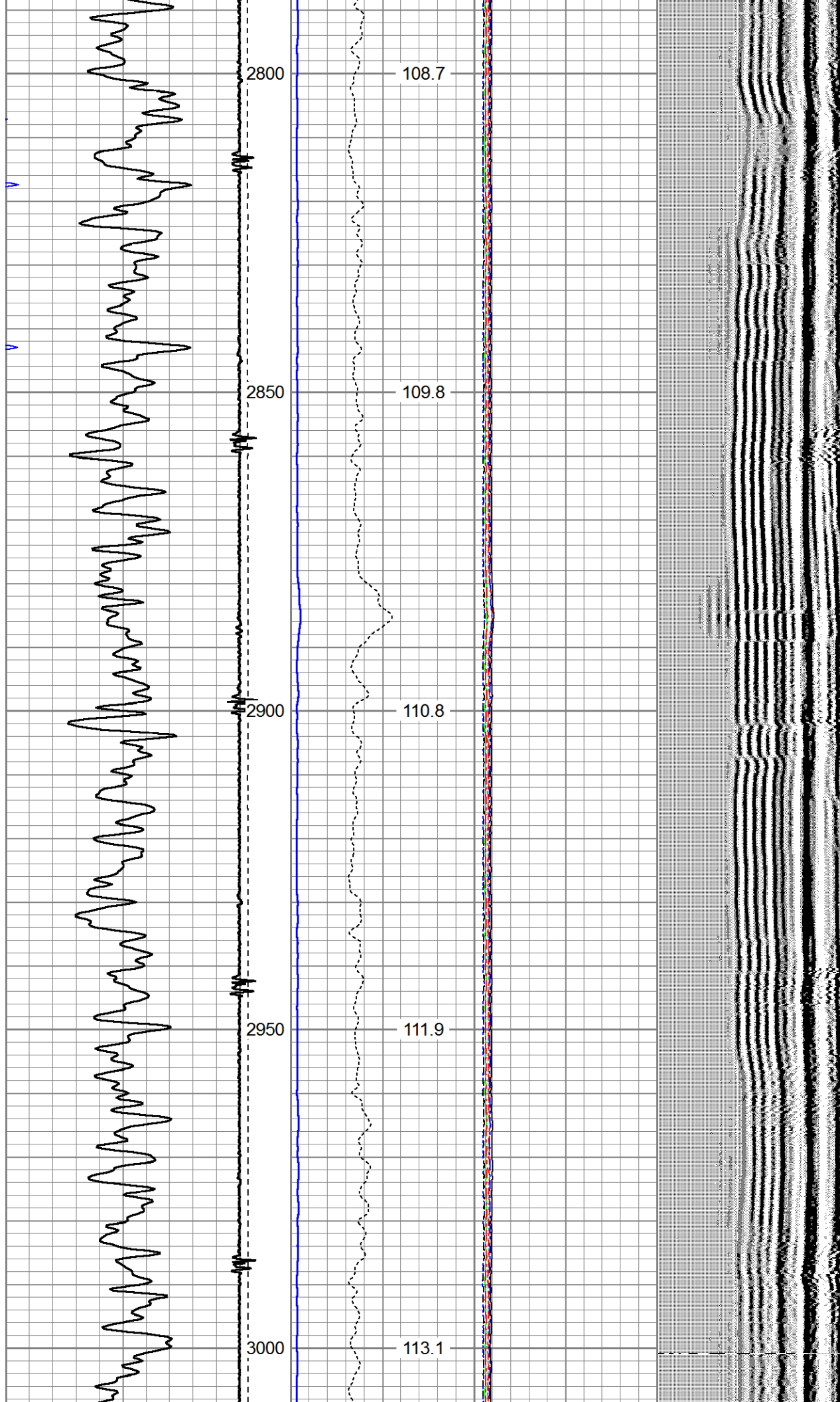
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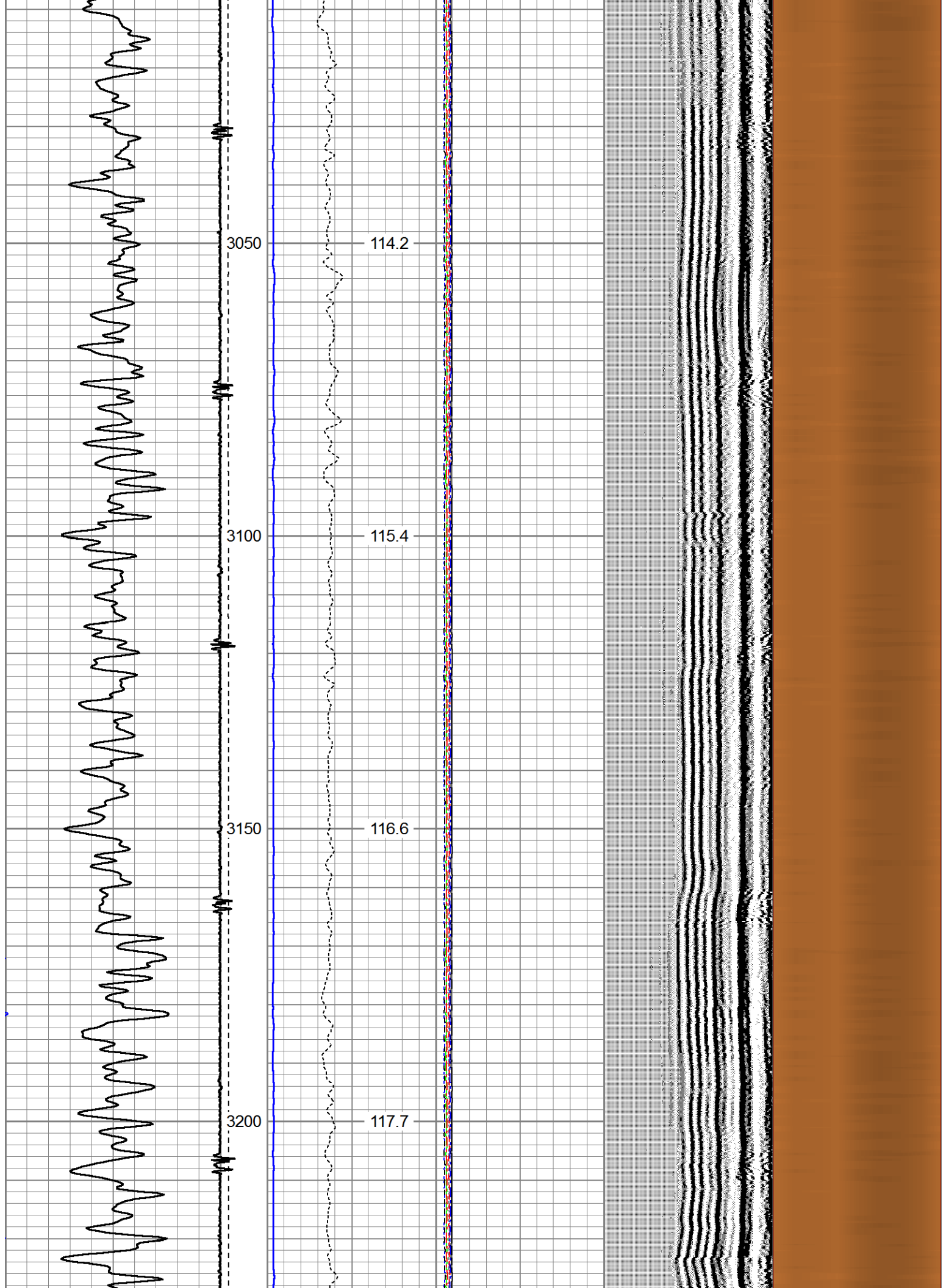
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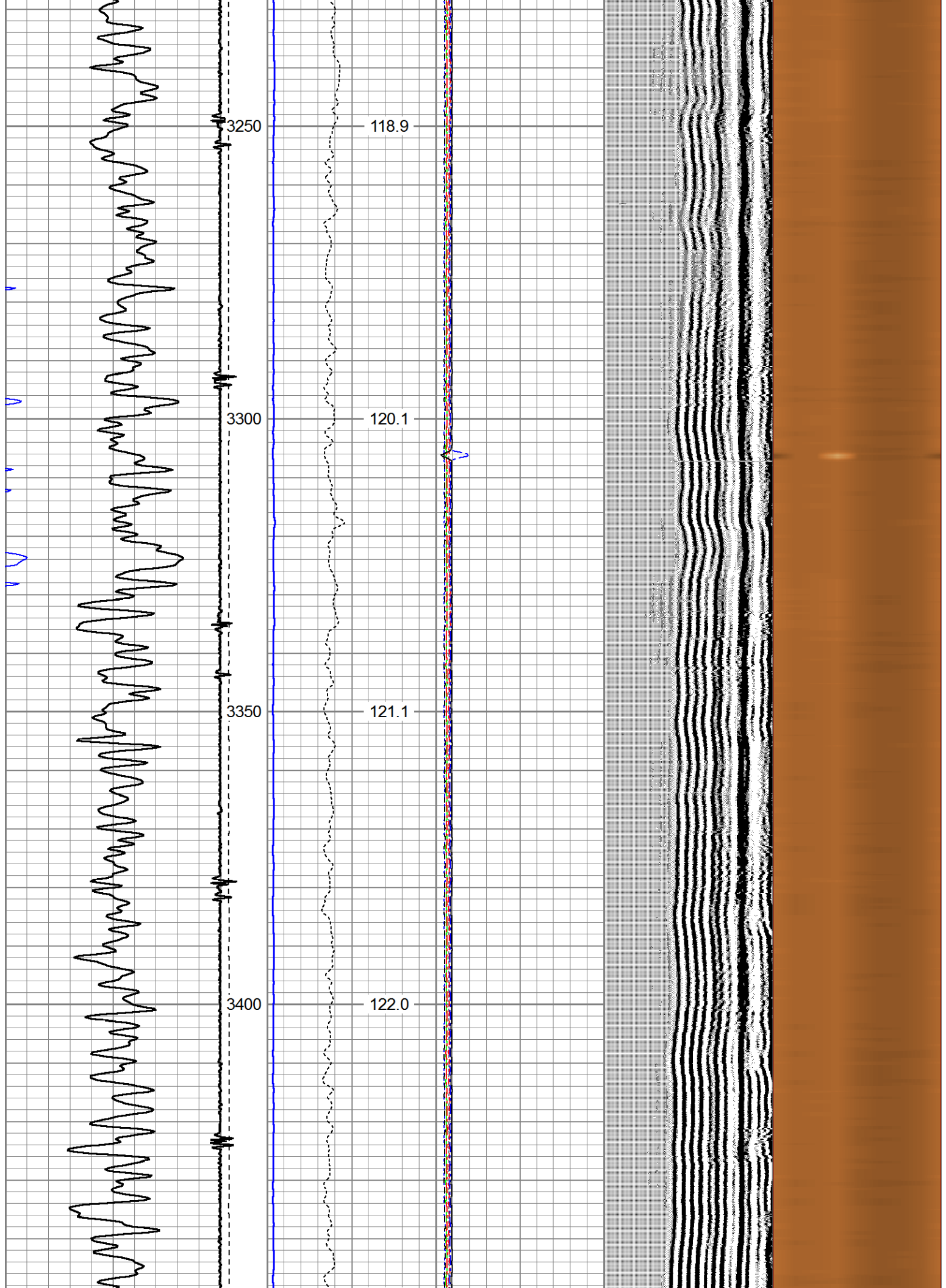


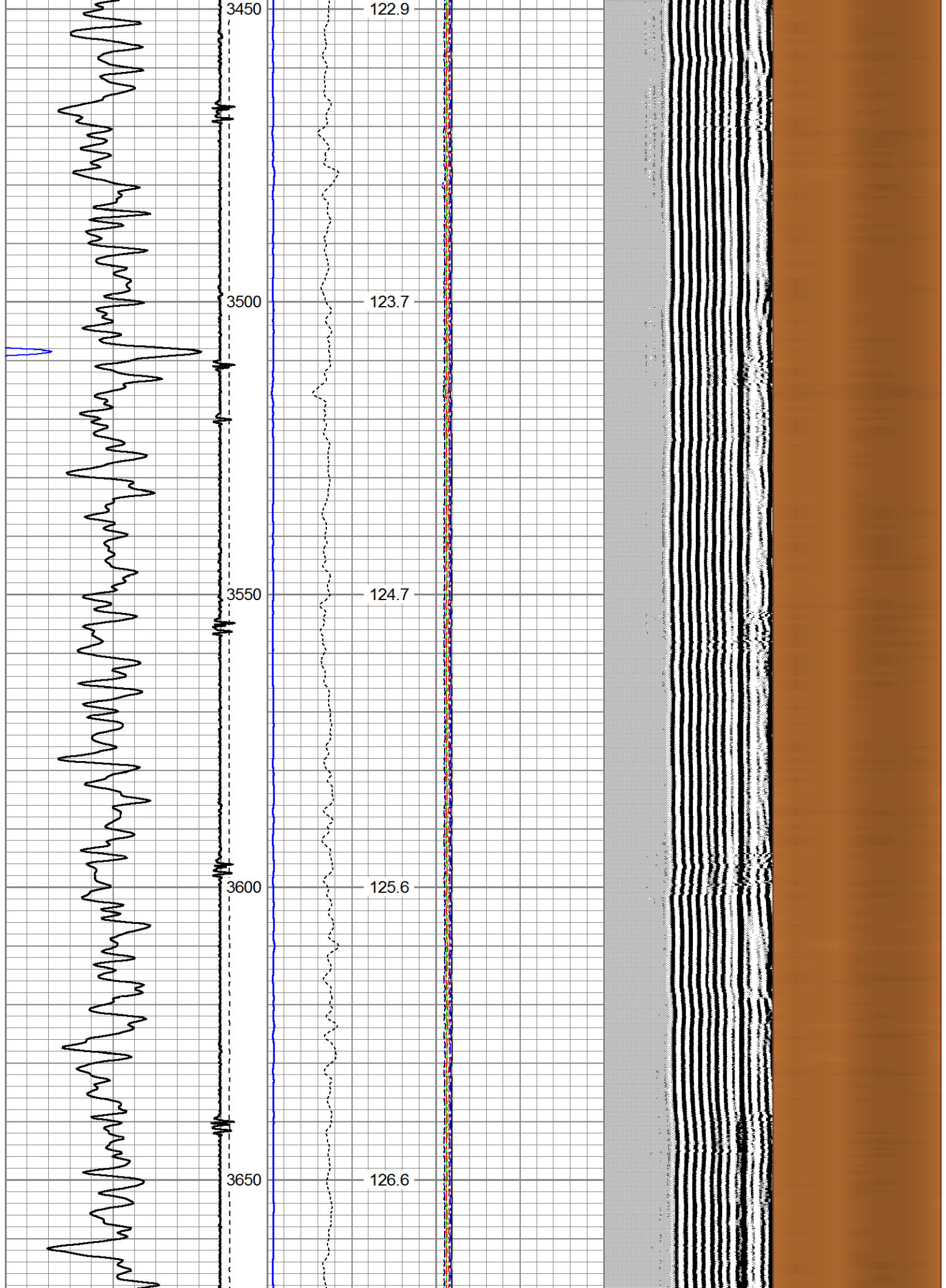


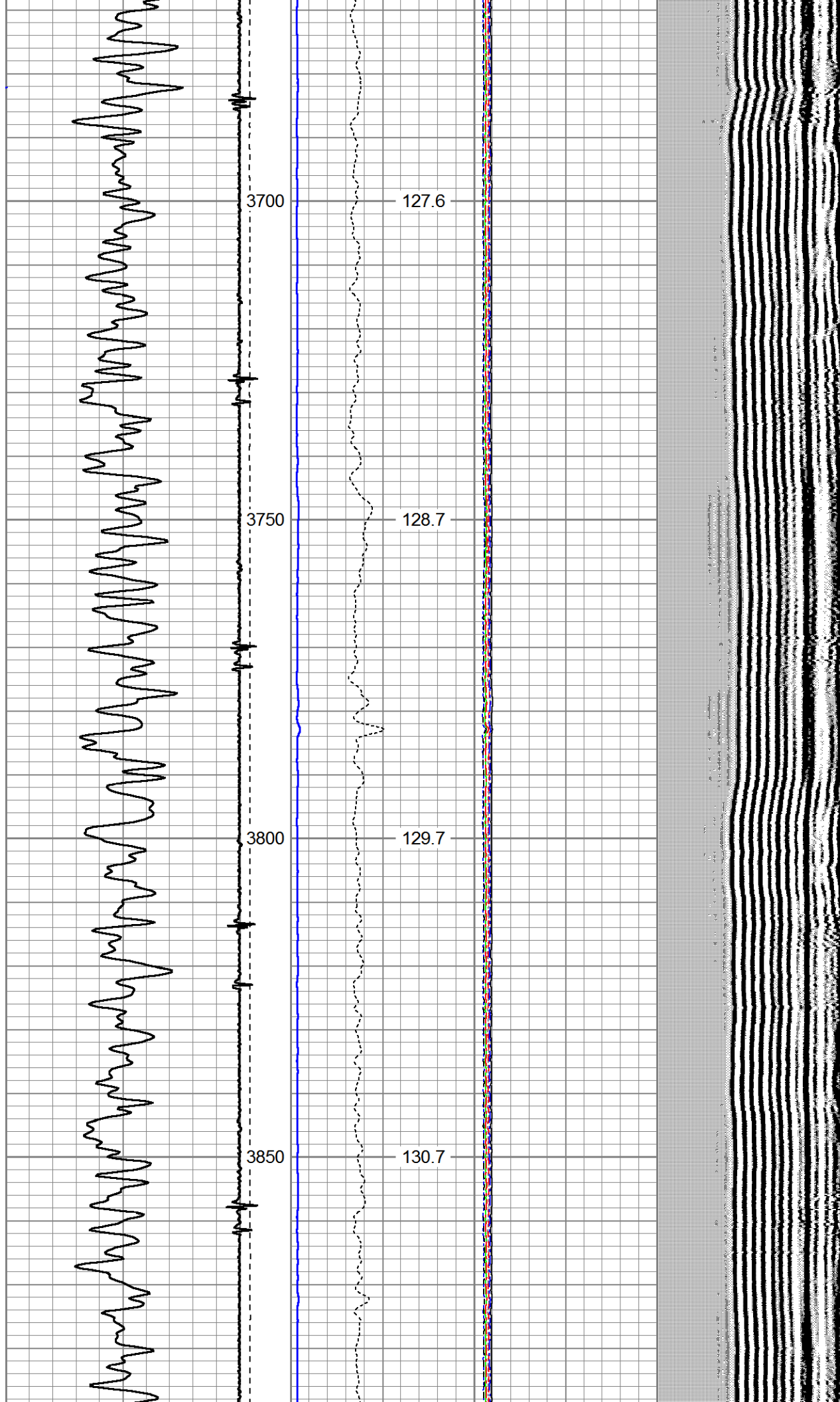




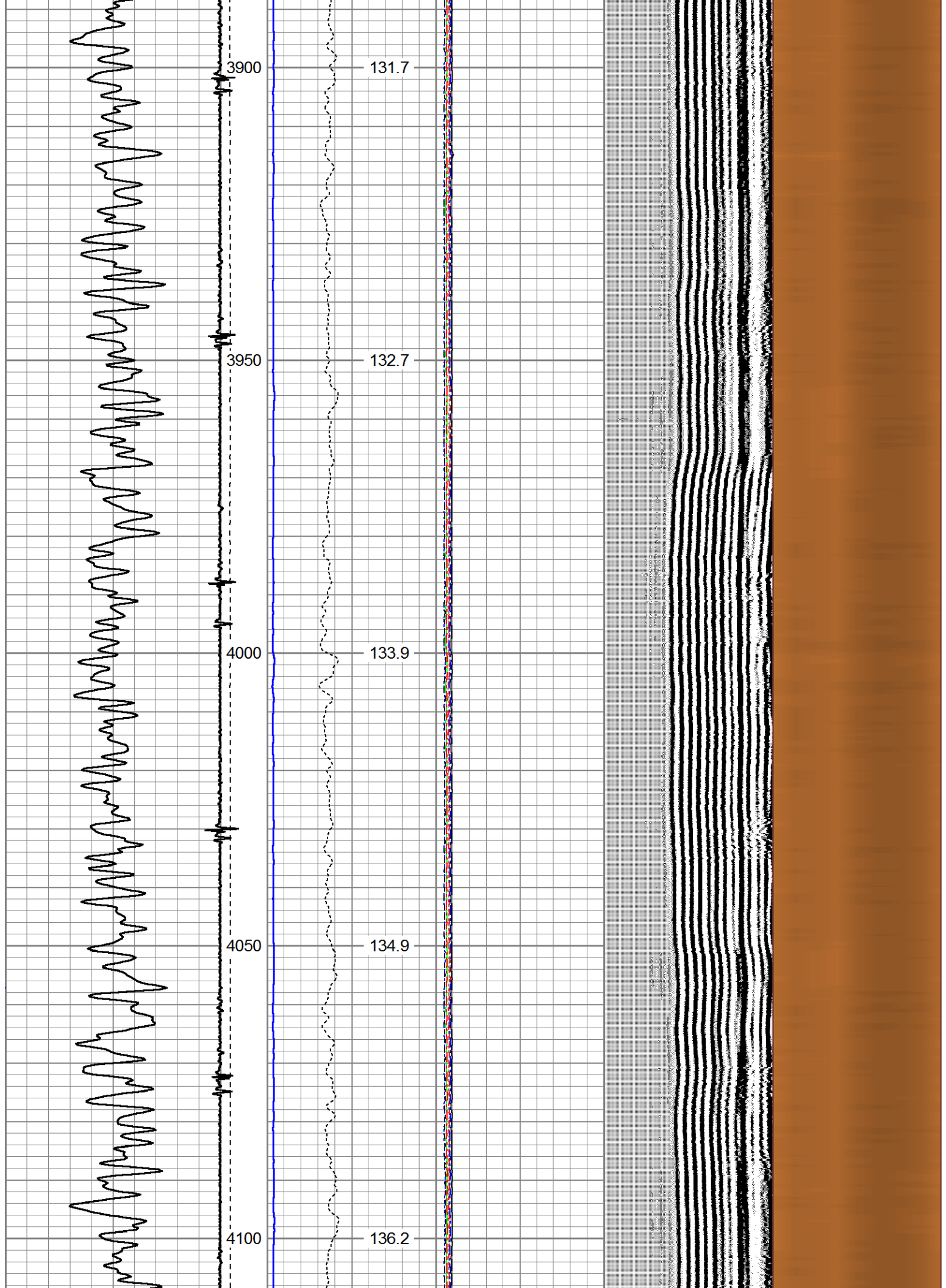




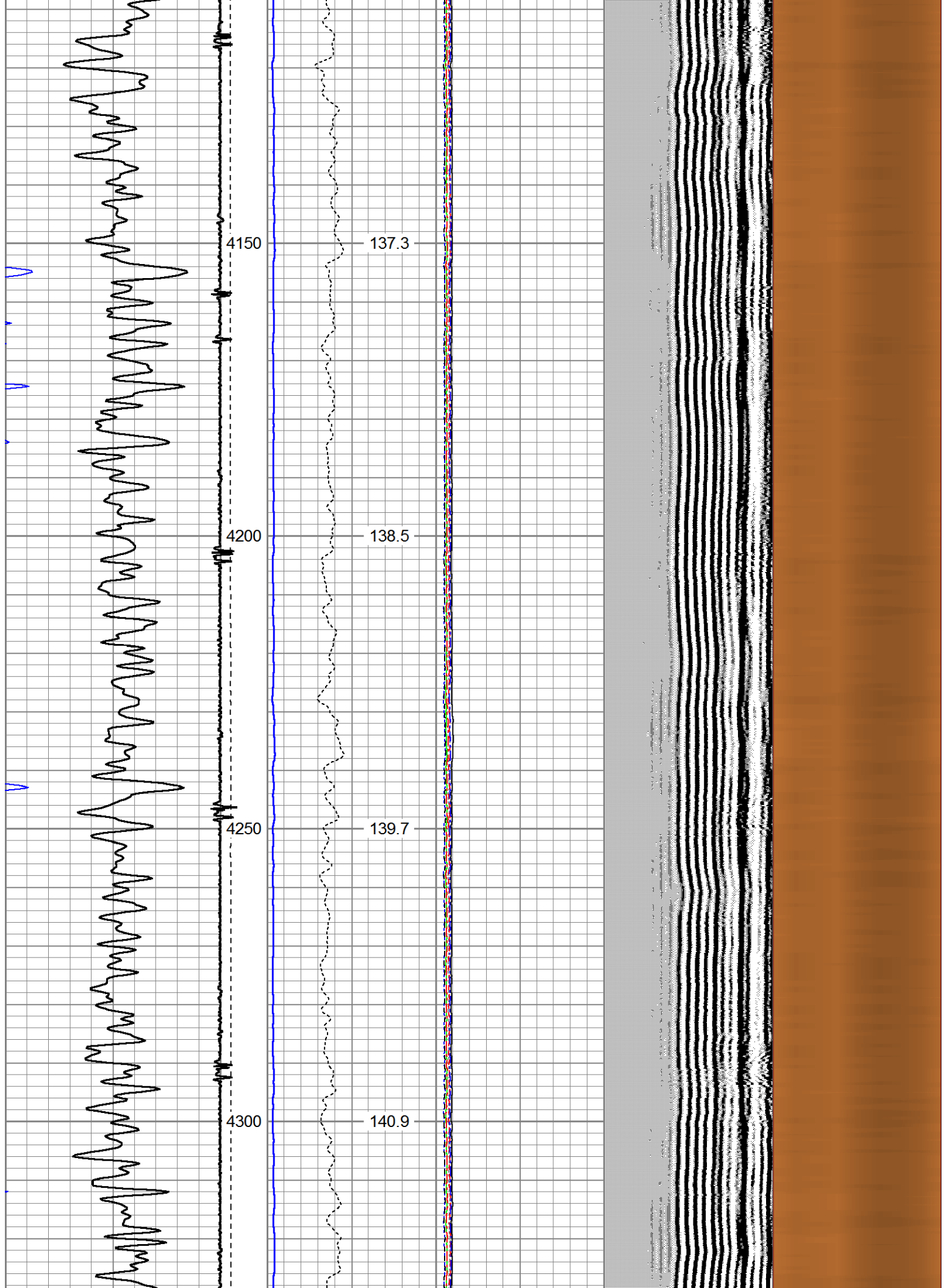


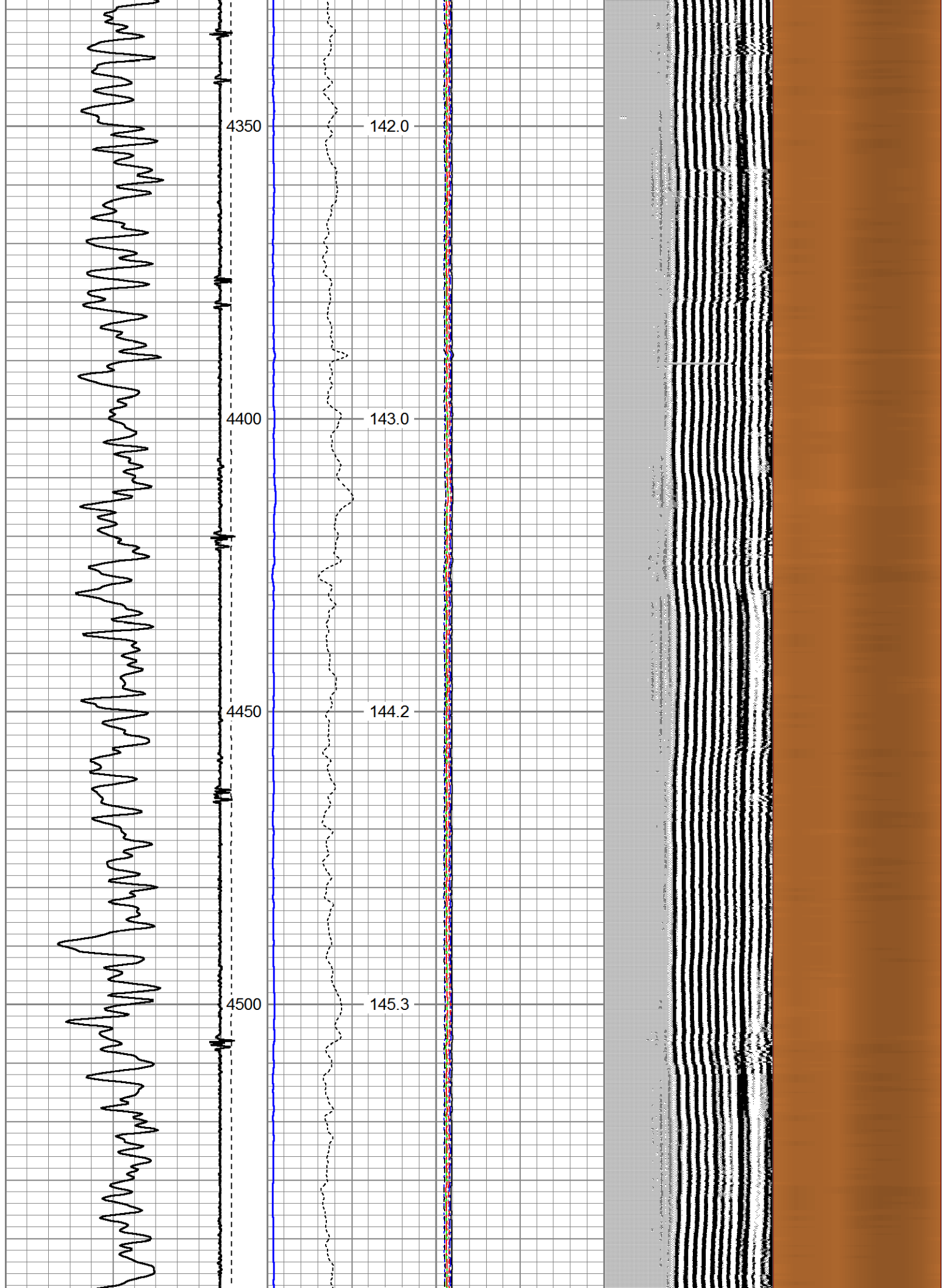


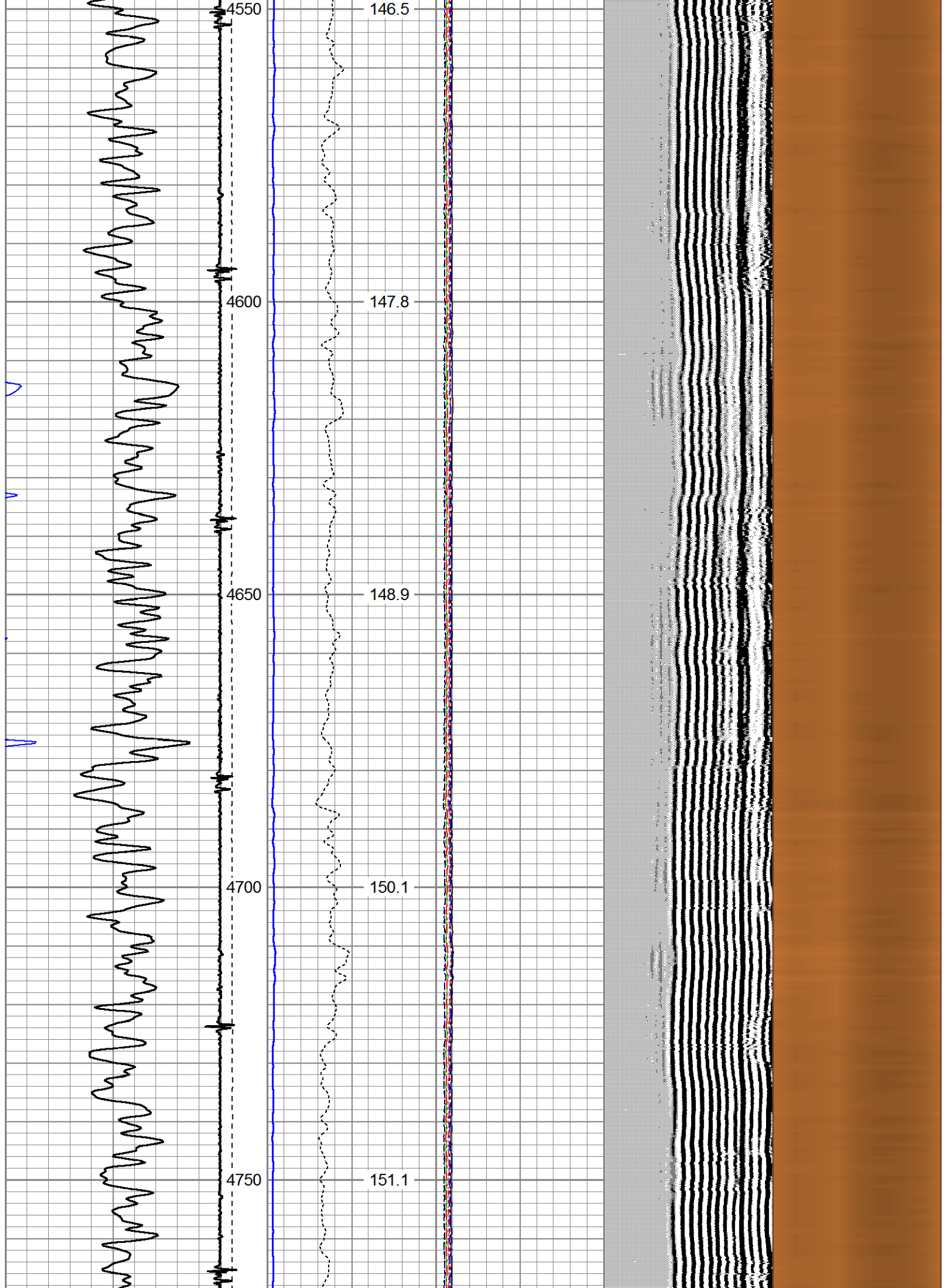




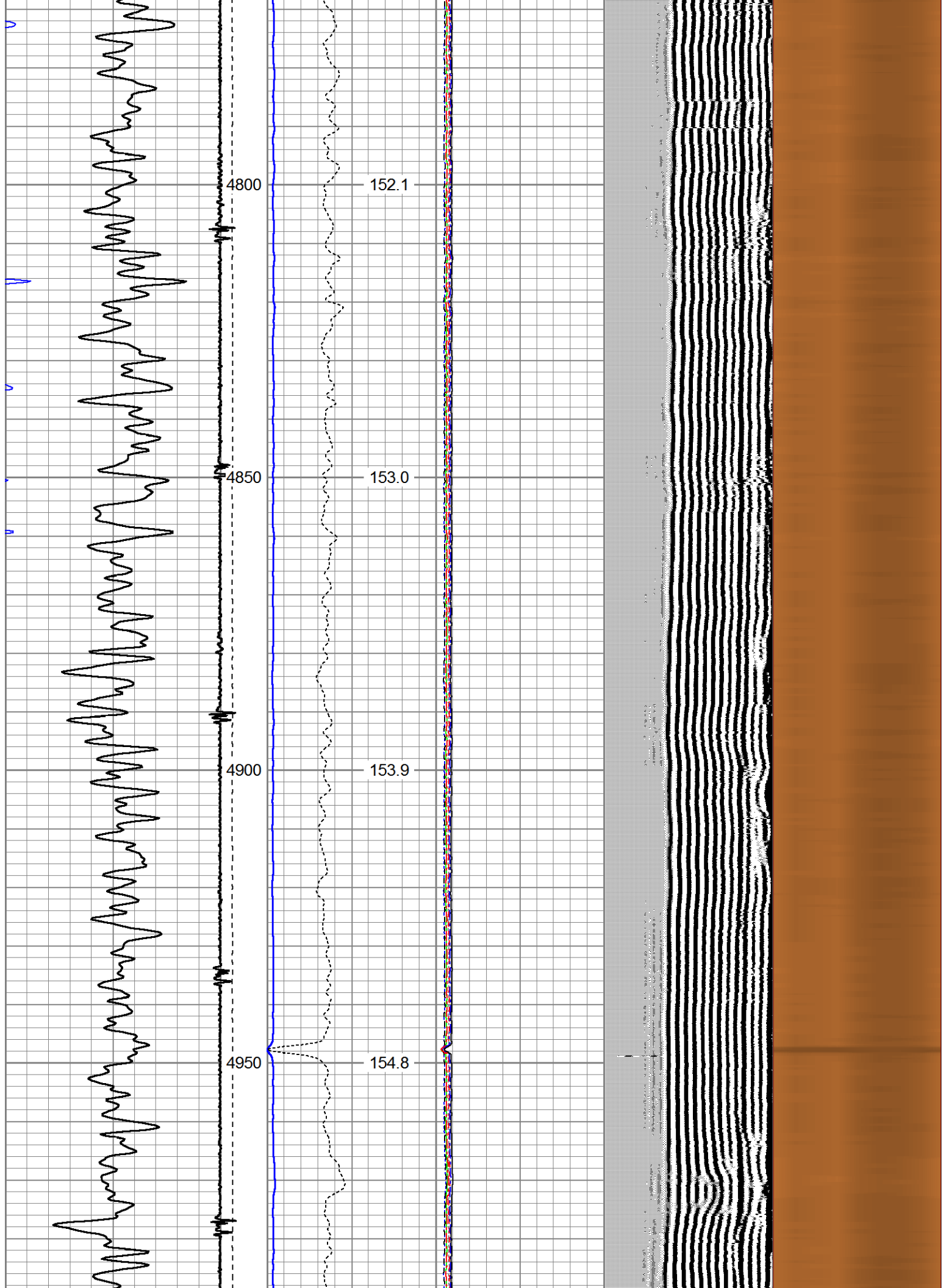


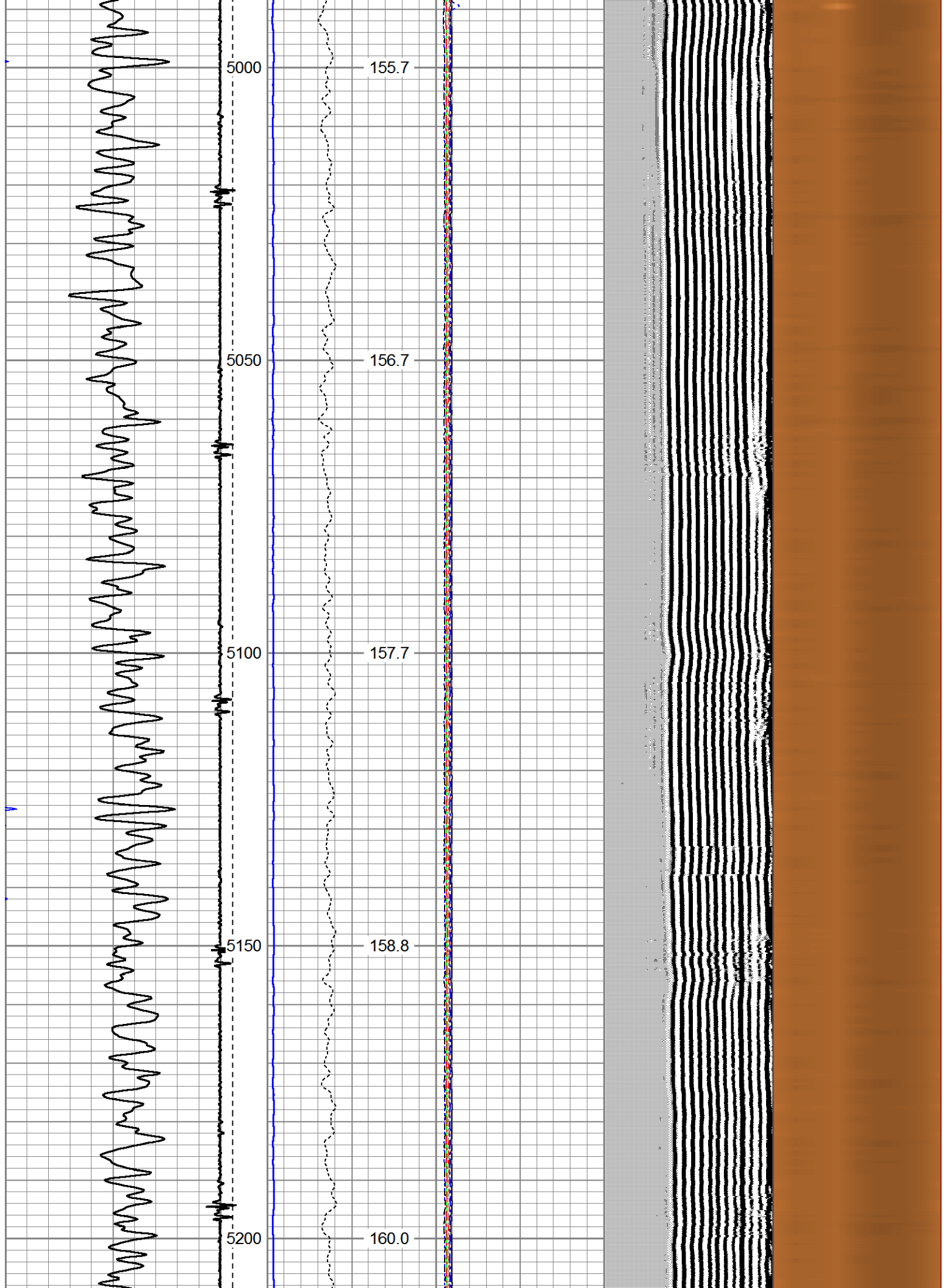


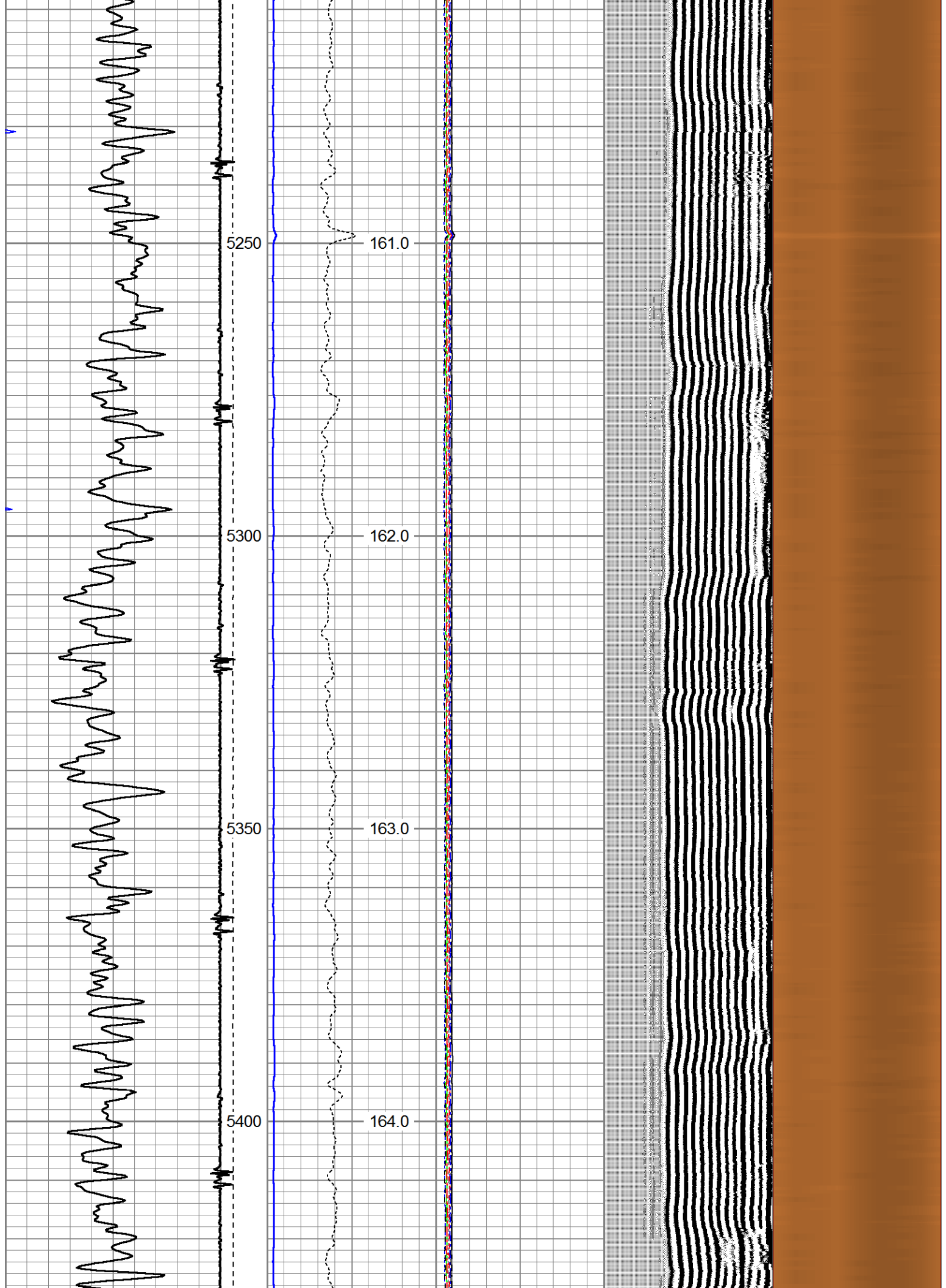




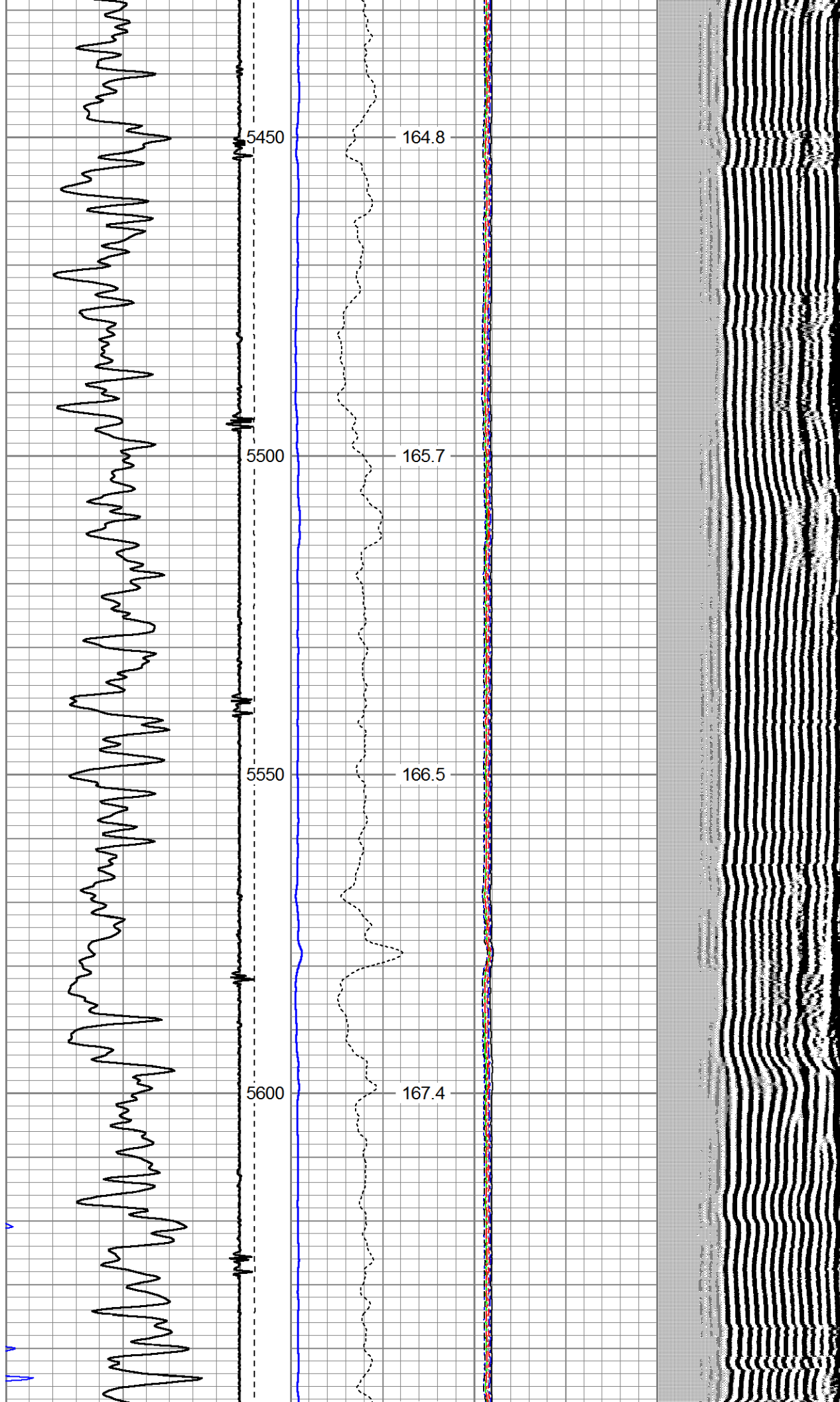


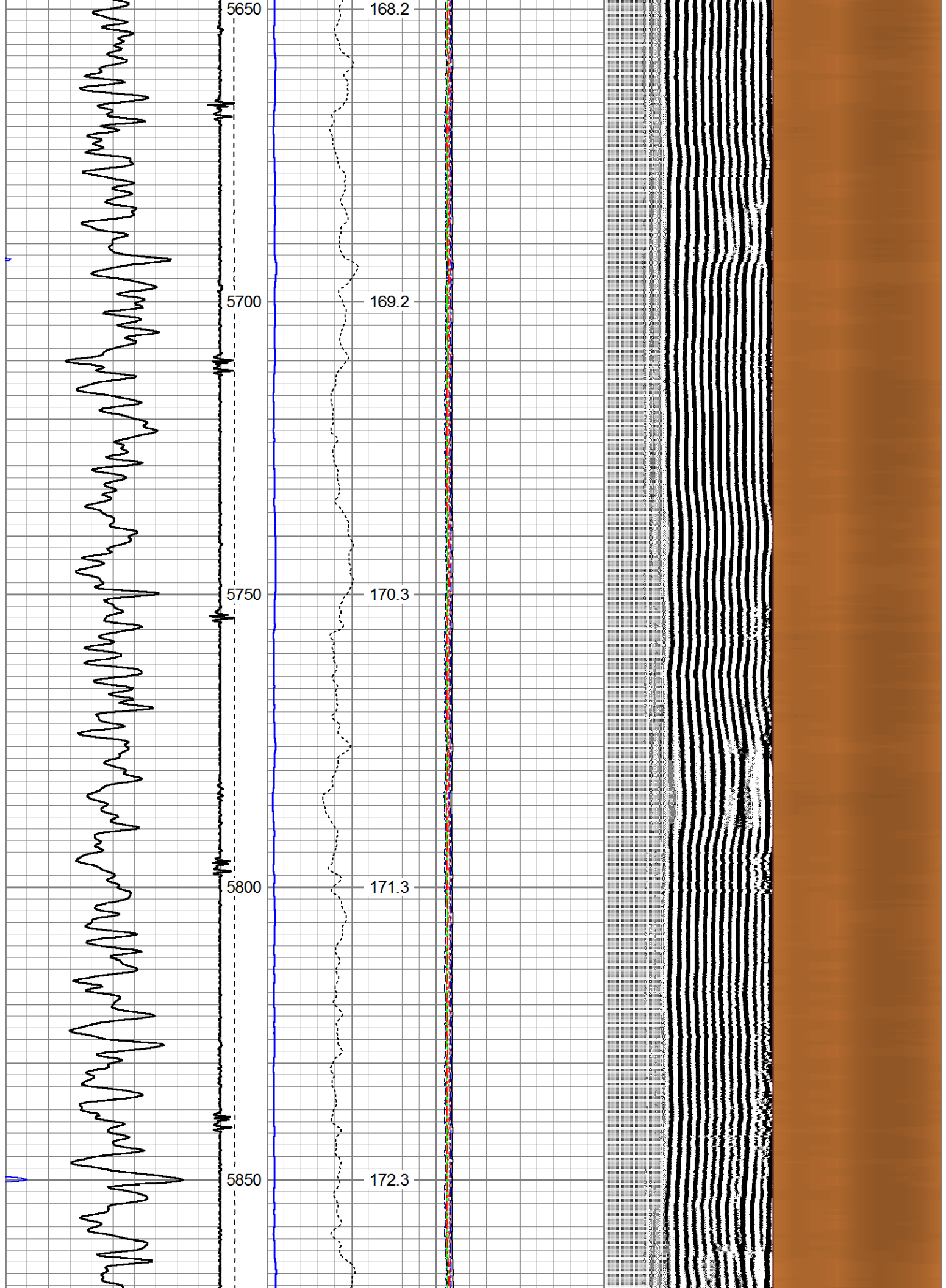


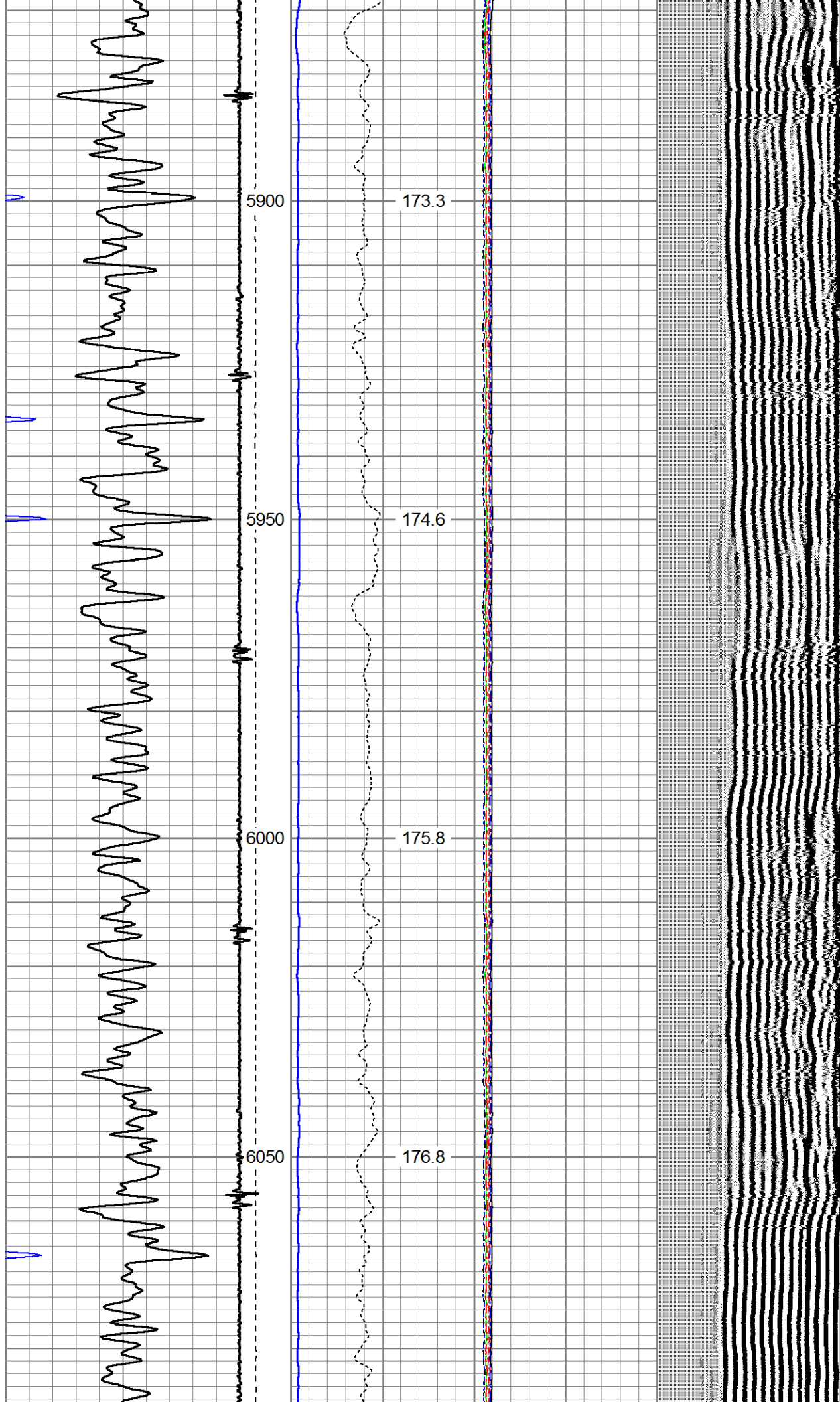




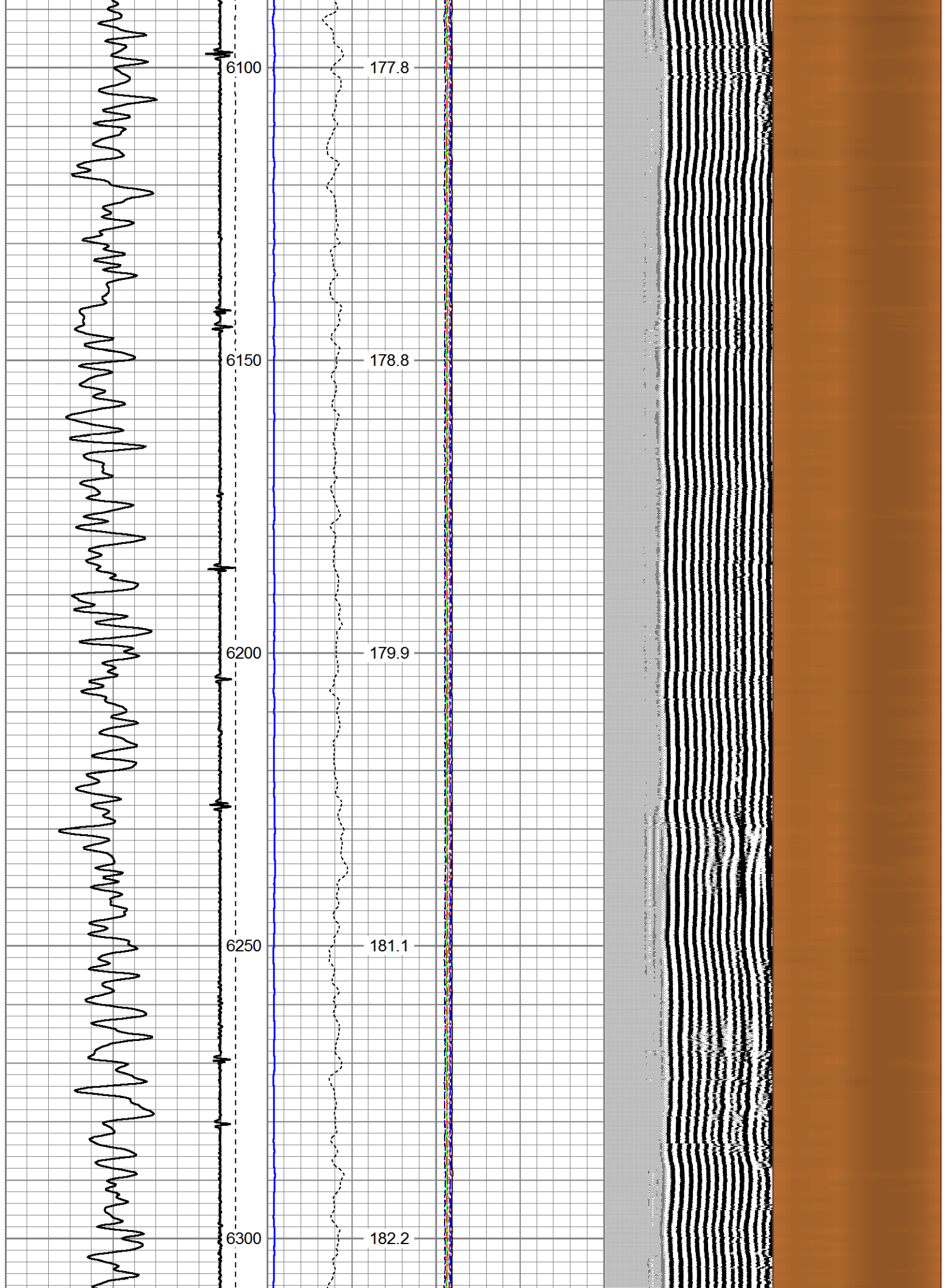


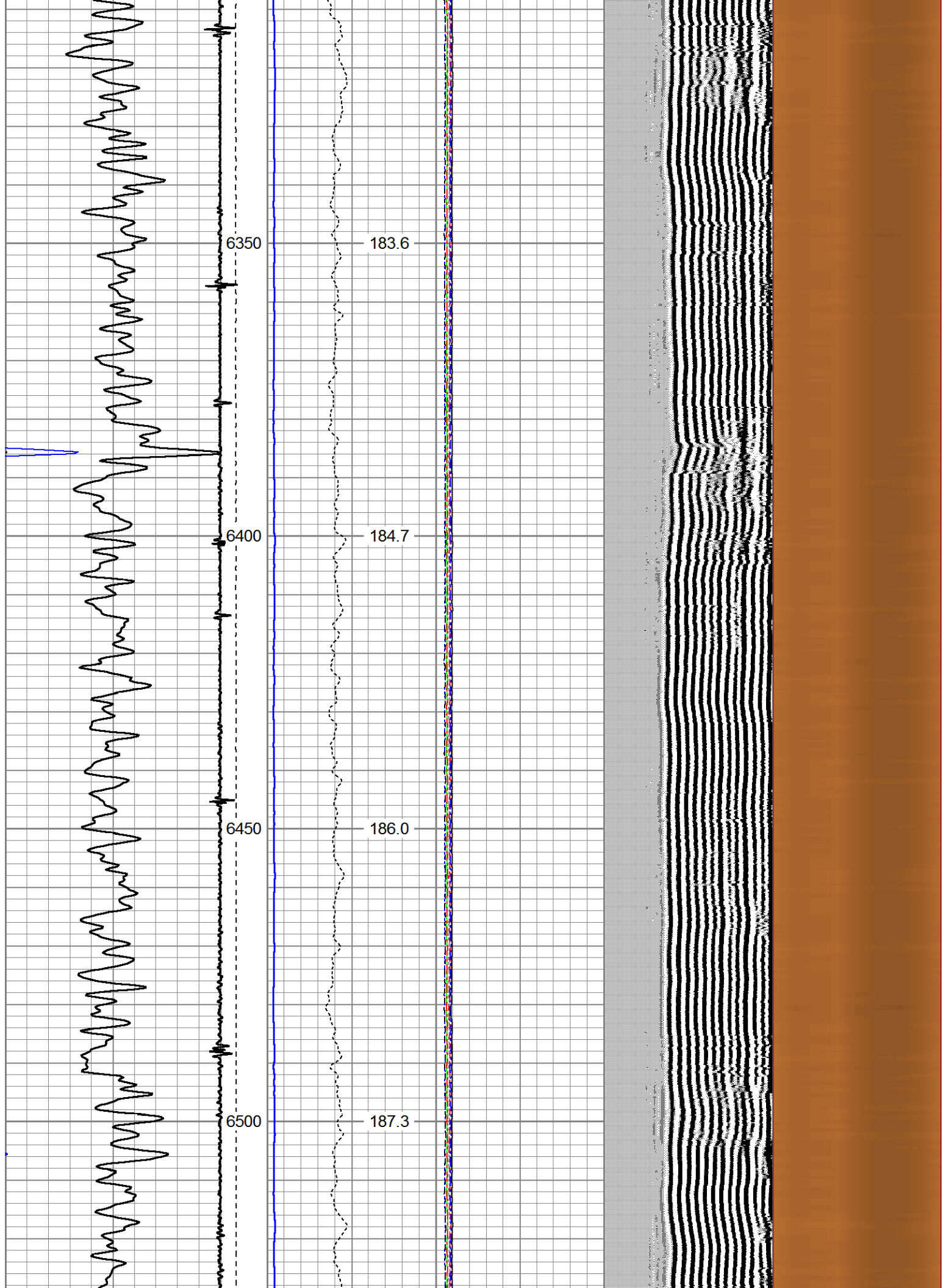


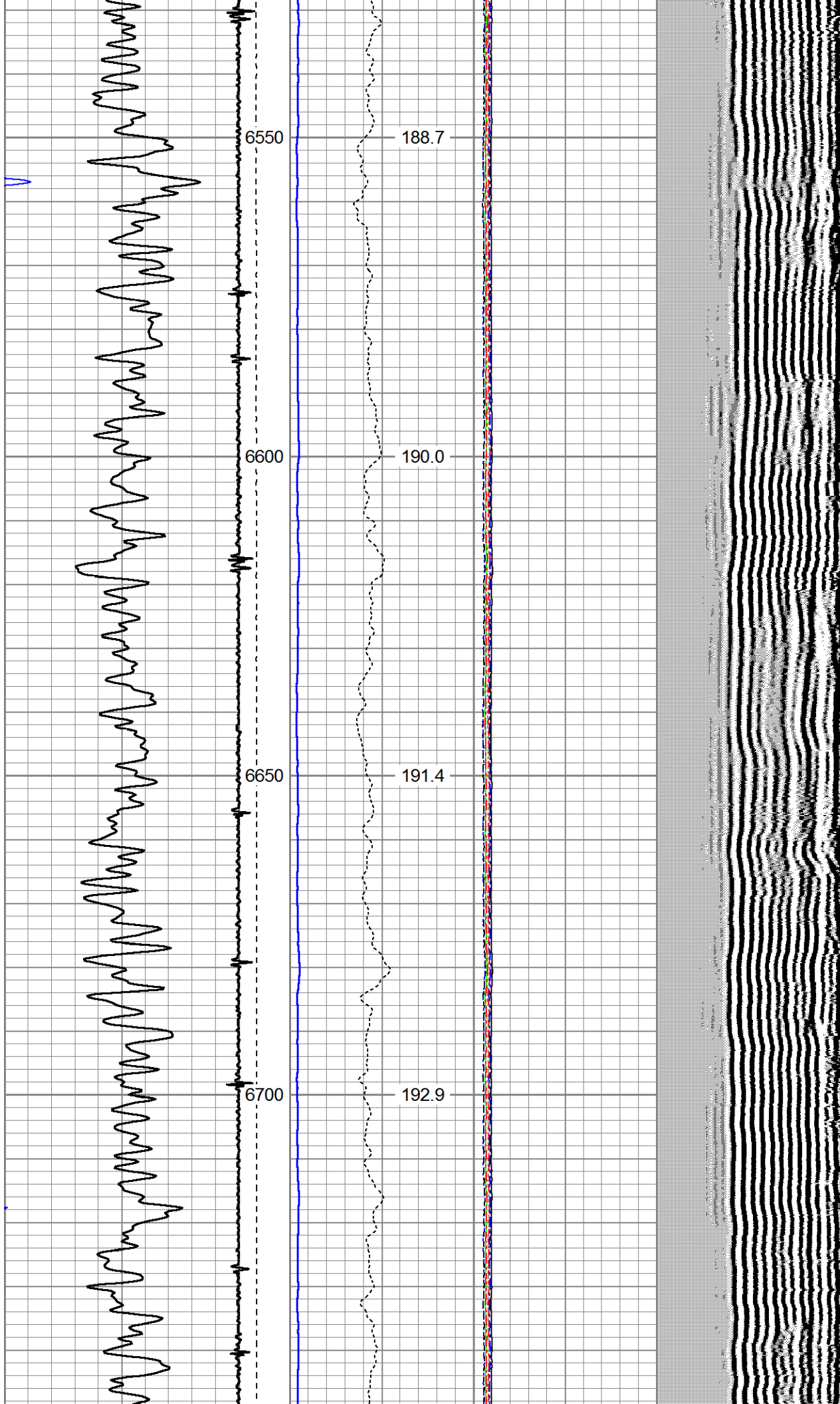












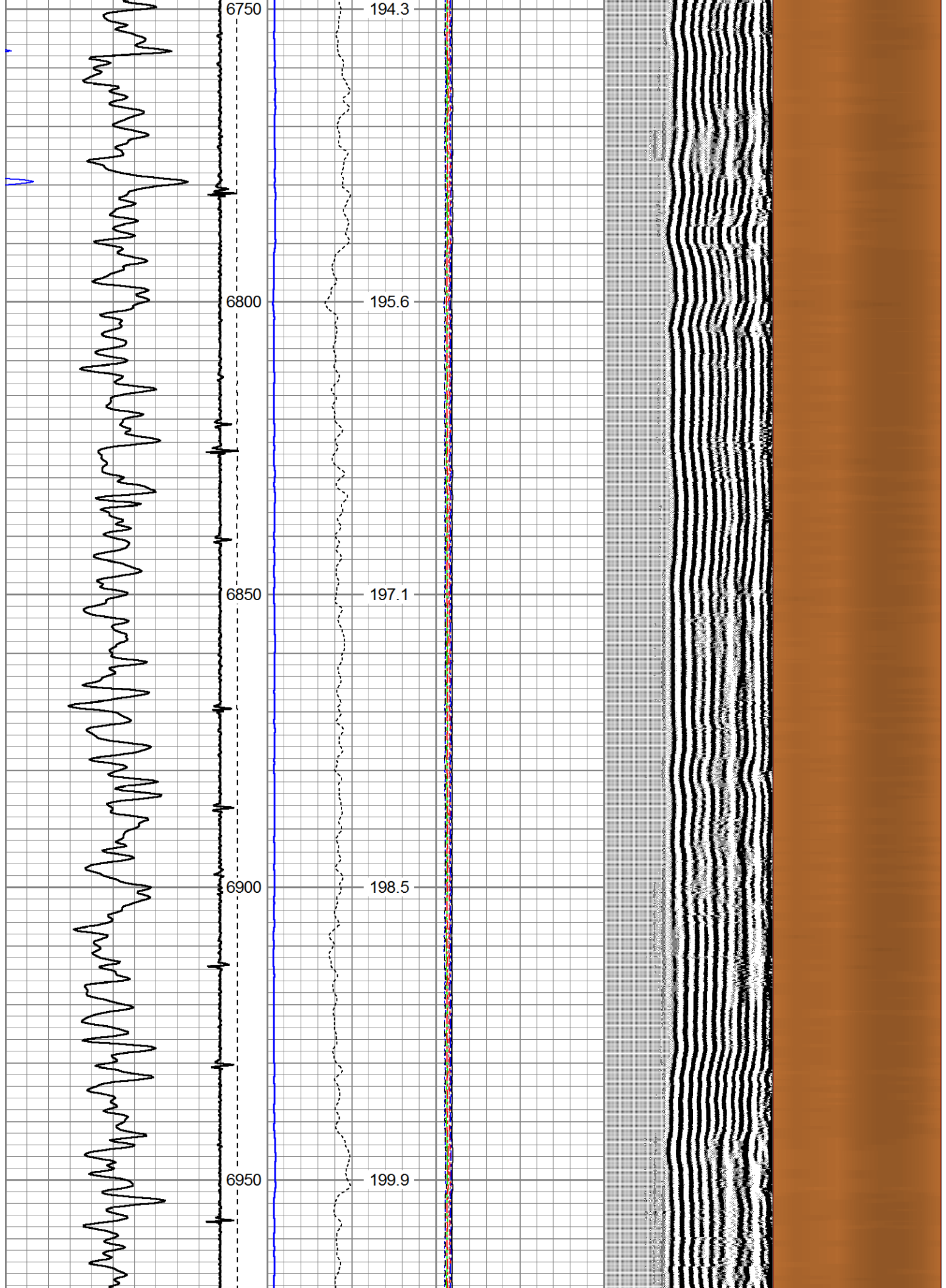
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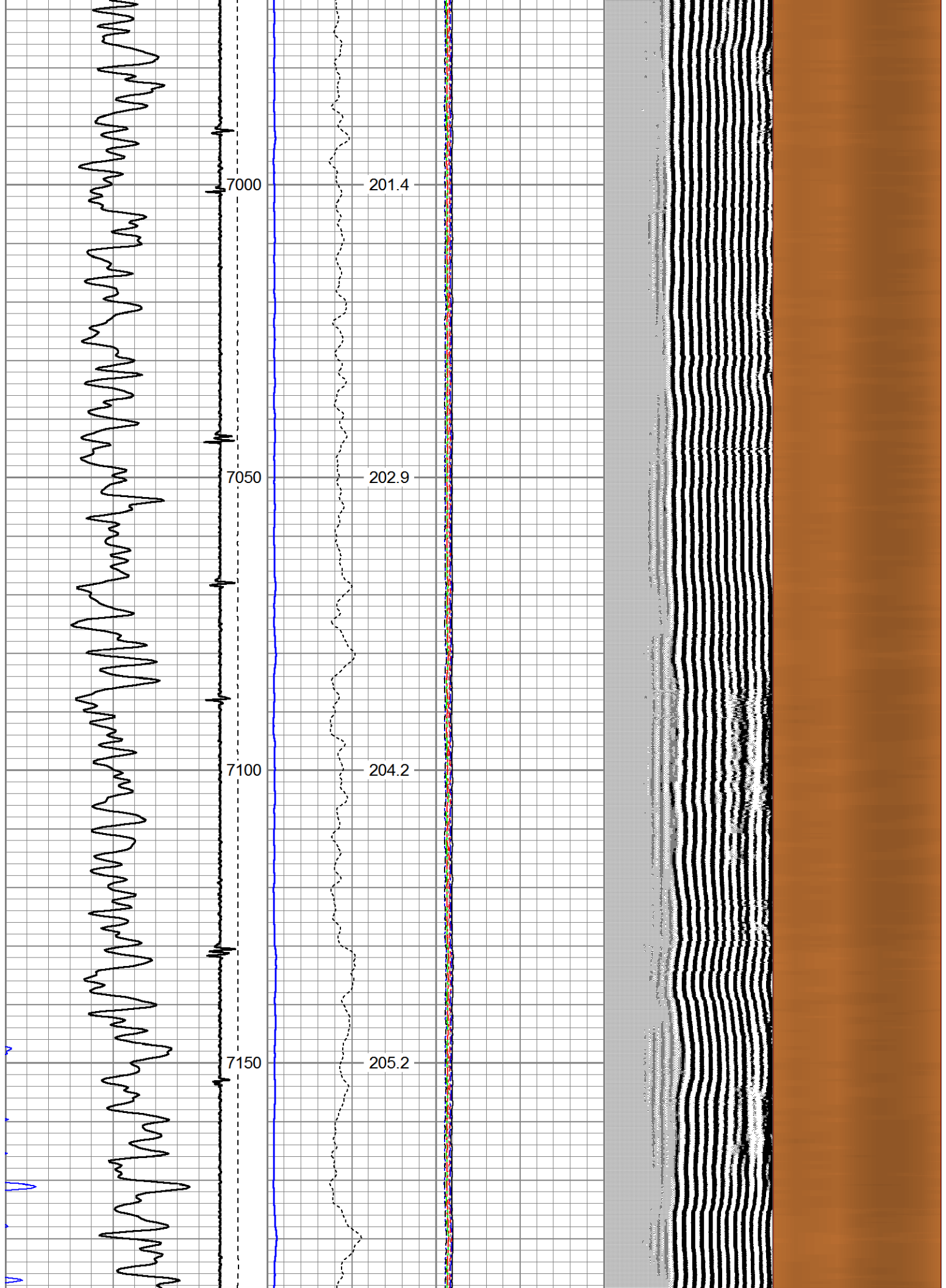
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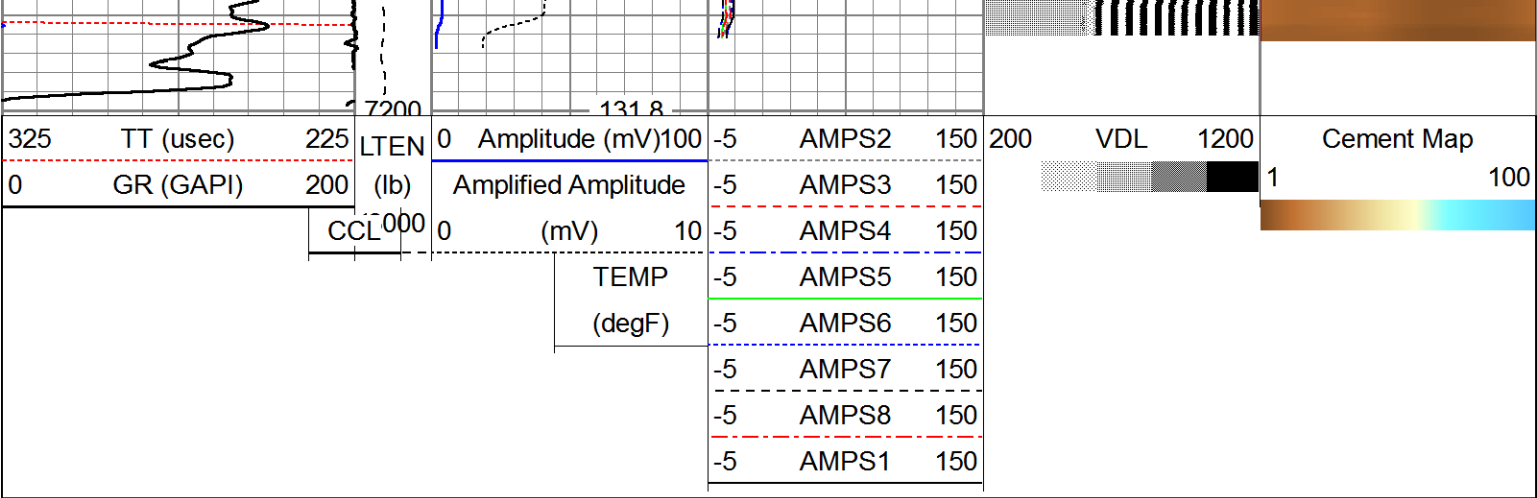
191.4


192.9









	Company	ANADARKO
	Well	AZUL 13-24HZ
	Field	WATTENBERG
	County	WELD
	State	CO