



RADIAL BOND LOG  
GAMMA RAY  
CCL

Company ANADARKO  
Well AZUL 13-33HZ  
Field WATTENBERG  
County WELD State CO

Location: API # : 05-123-46108  
LAT: 40.04596 LONG: -104.726216  
SHL: 700' FSL 2,446' FWL  
SEC 13 TWP 1N RGE 66W  
Permanent Datum GROUND LEVEL Elevation 5,050'  
Log Measured From K.B. 21'  
Drilling Measured From K.B.  
Other Services  
Elevation  
K.B. 5,071'  
D.F. 5,070'  
G.L. 5,050'

Date	7-22-18		
Run Number	2		
Depth Driller	13,094'		
Depth Logger	7175'		
Bottom Logged Interval	7175'		
Top Log Interval	SURFACE		
Open Hole Size	7.875"		
Type Fluid	WATER		
Density / Viscosity	~8.3#		
Max. Recorded Temp.	N/A		
Estimated Cement Top	SURFACE		
Time Well Ready	ROA		
Time Logger on Bottom	15:45		
Equipment Number	W-062		
Location	WINDSOR		
Recorded By	S LOPEZ		
Witnessed By	J MCCARTHY		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36#	SURFACE	1901'
Prot. String				
Production String	5.5"	17#	SURFACE	13,088'
Liner				

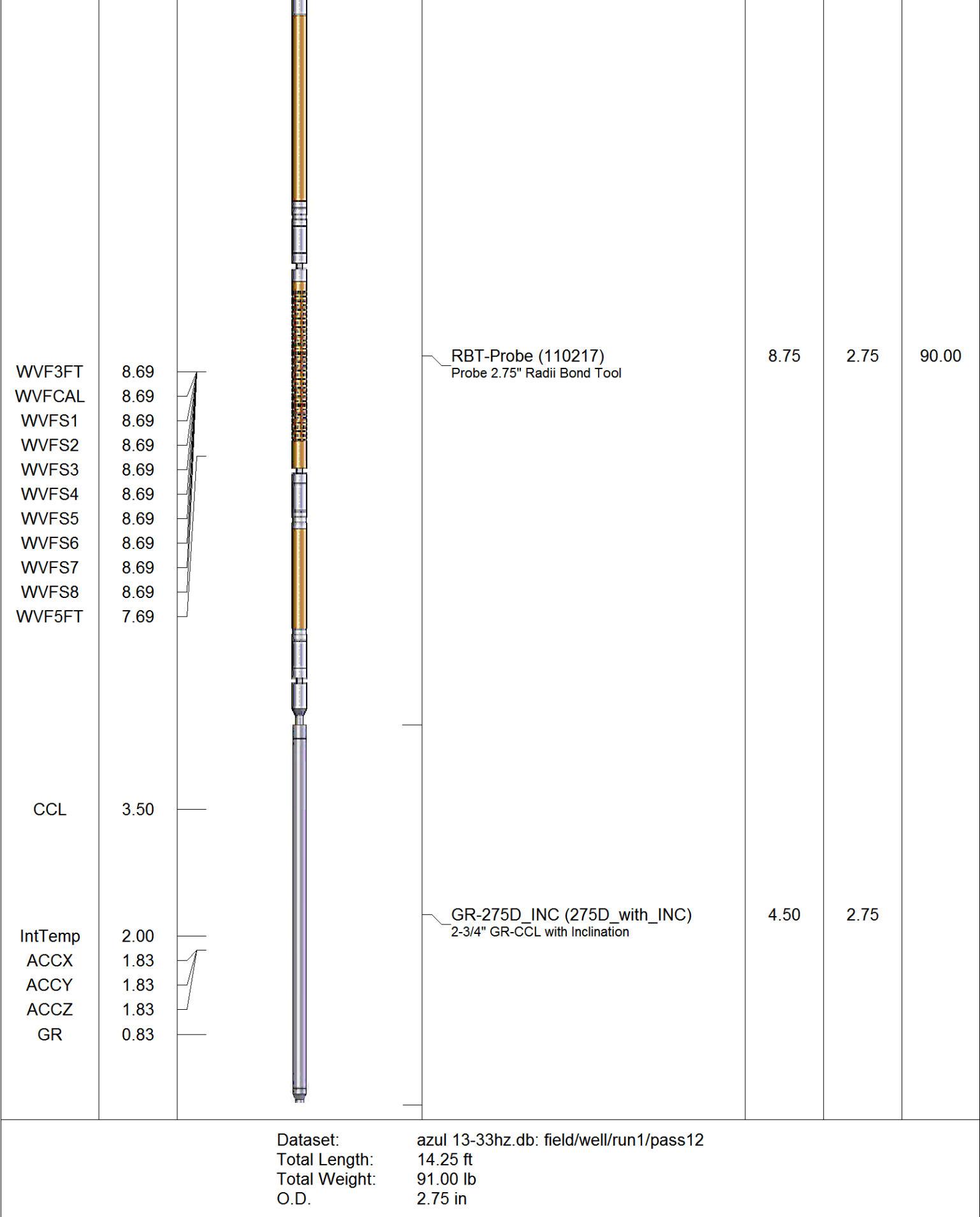
<<< Fold Here >>>

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.

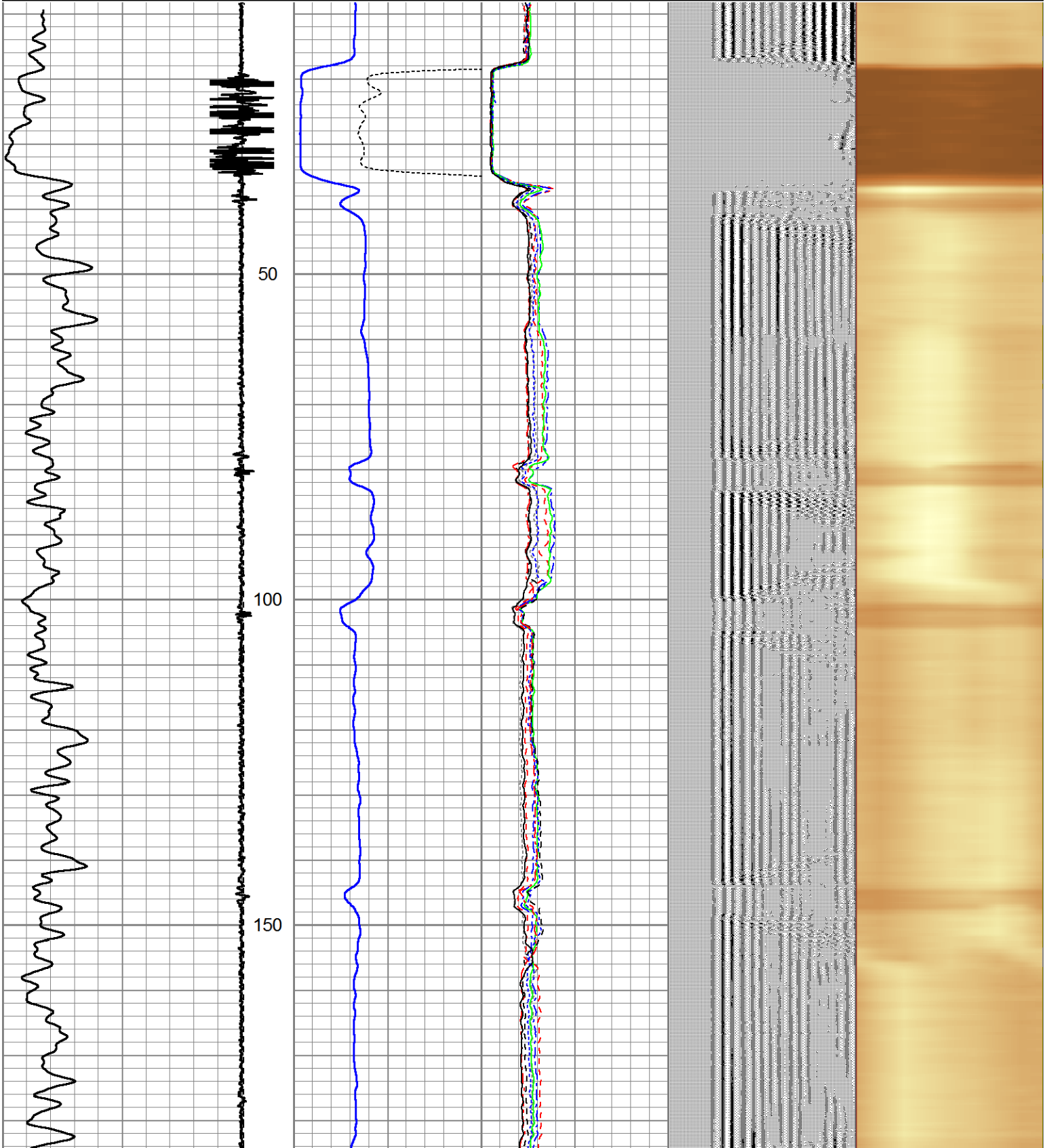
Comments

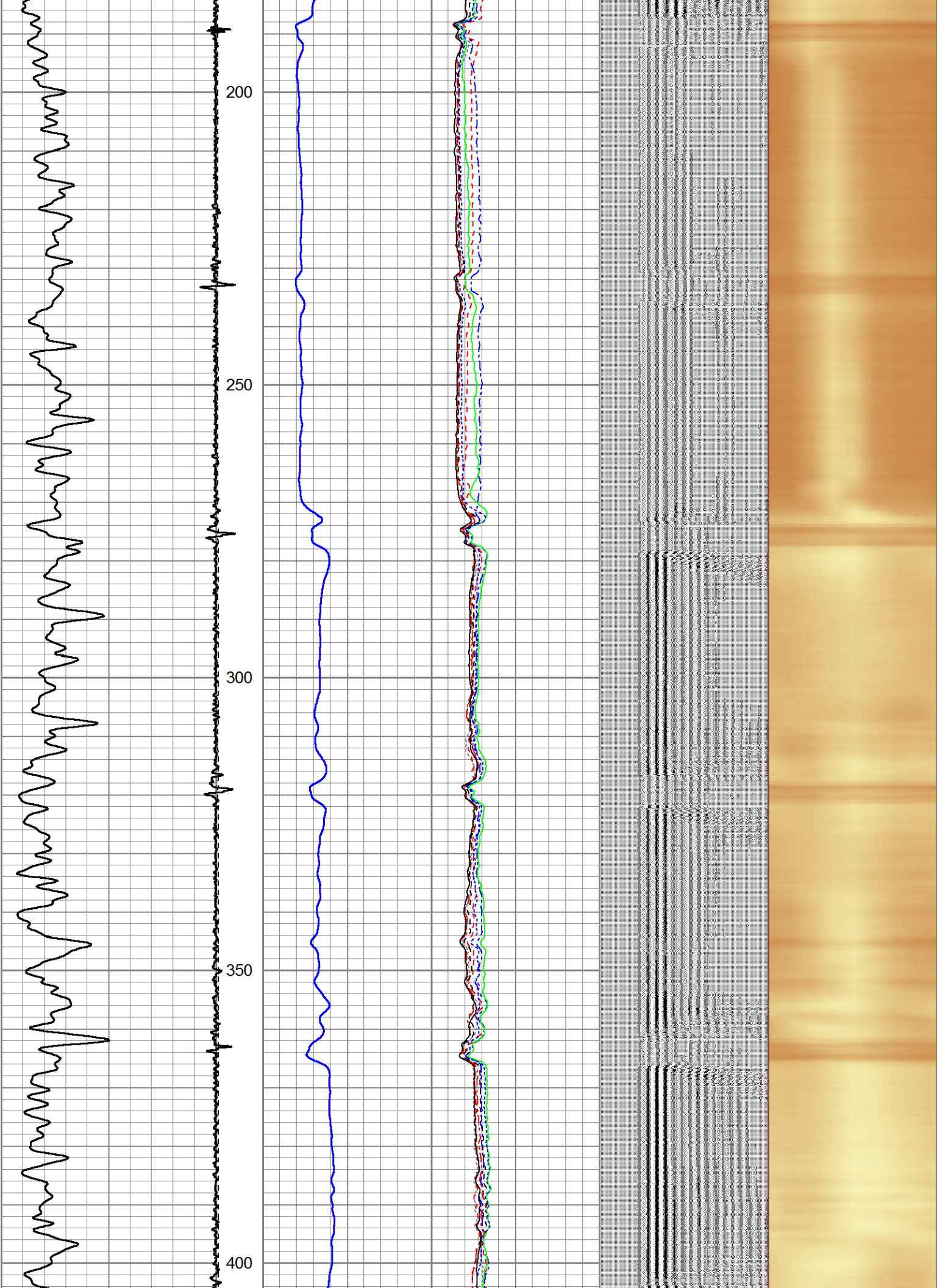
NOT CORRELATED TO ANOTHER LOG  
CORRELATED TO MARKER JOINT @ 7138'  
LOGGED UNDER 2800 PSI  
  
THANK YOU FOR USING CUTTERS WIRELINE

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

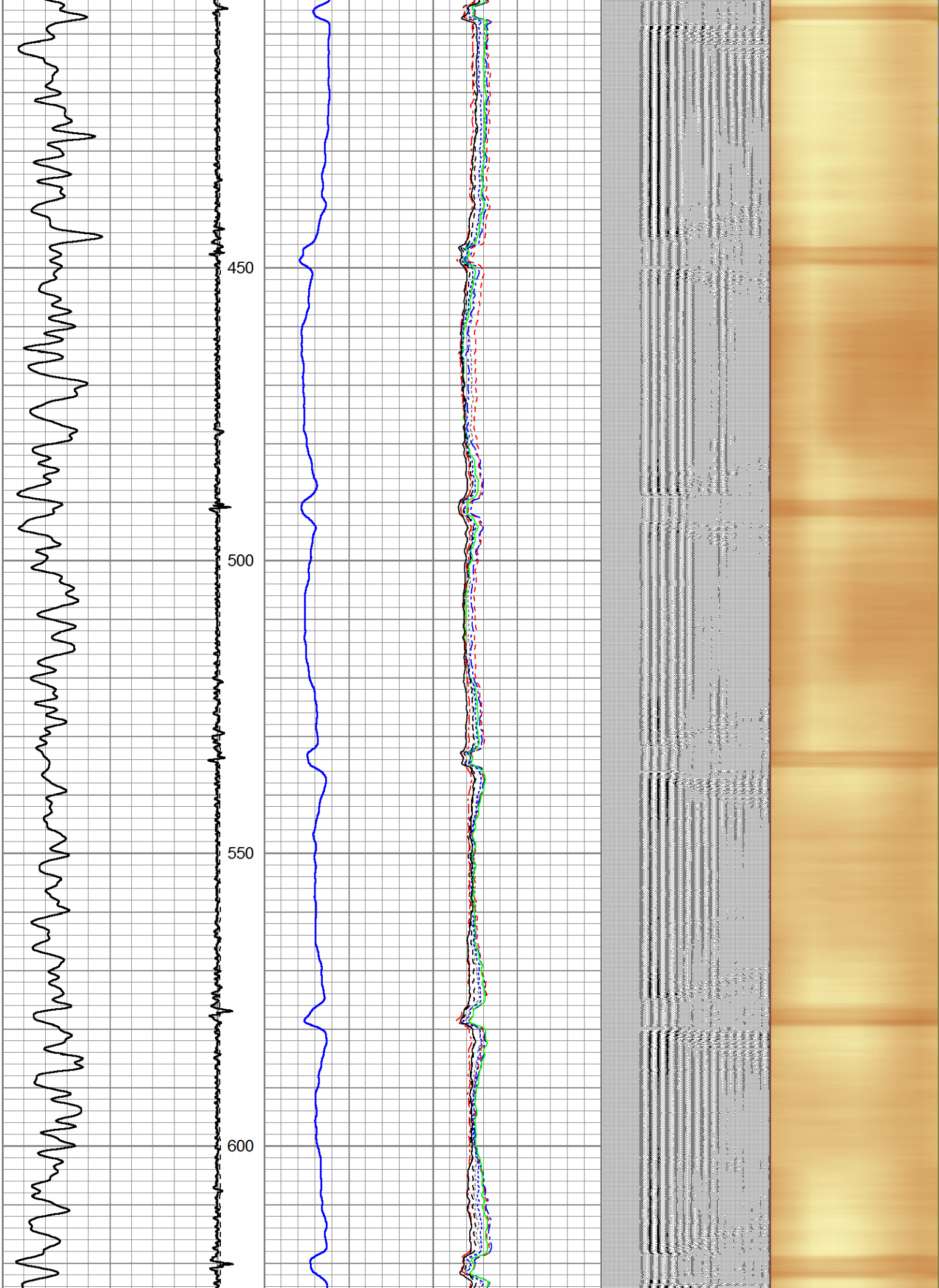


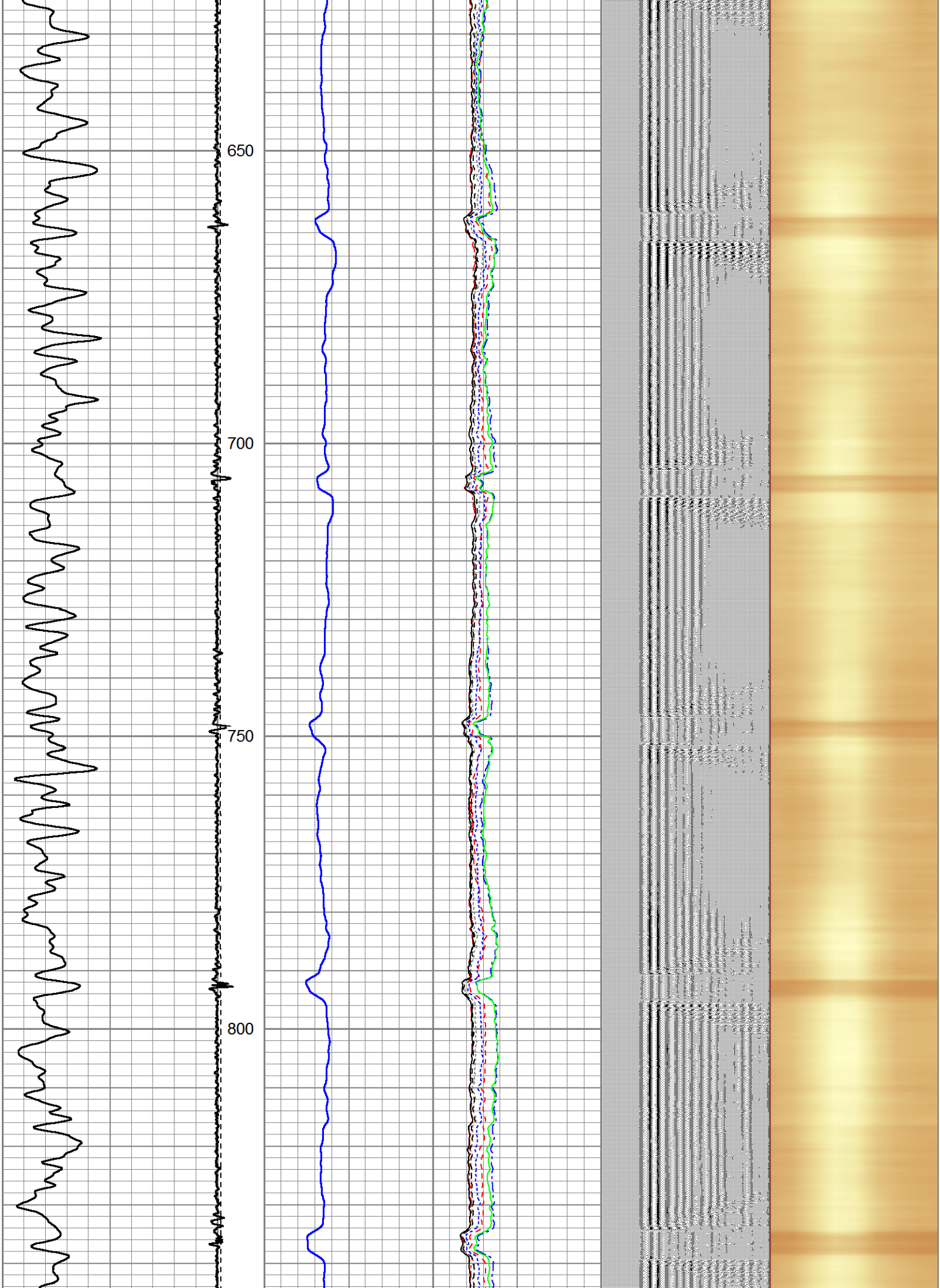
Charted by:		Depth in Feet scaled 1.240											
325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200	(lb)		Amplified Amplitude		-5	AMPS3	150				
			CCL000	0	(mV)	10	-5	AMPS4	150				
							-5	AMPS5	150				
							-5	AMPS6	150				
							-5	AMPS7	150				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

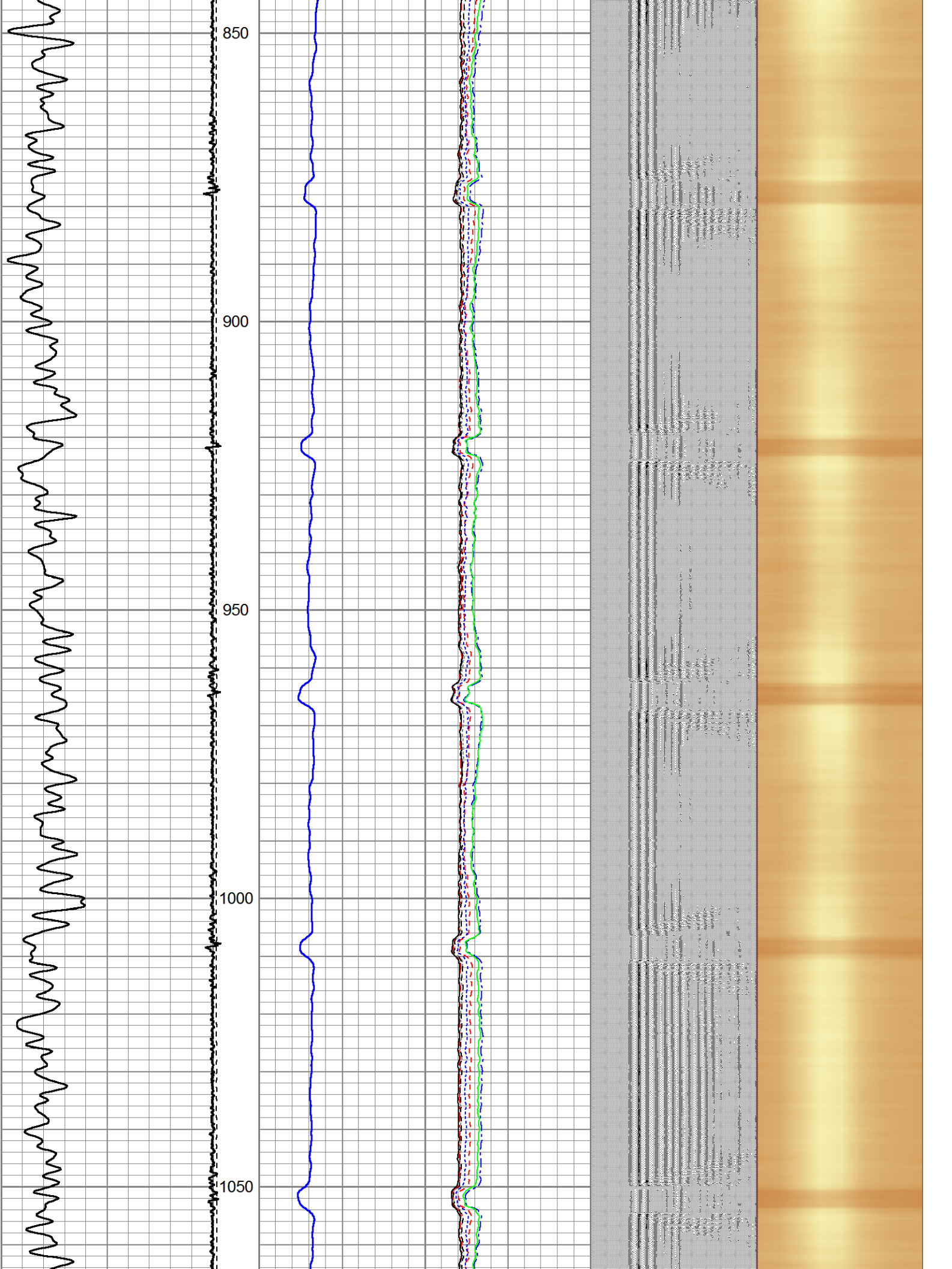




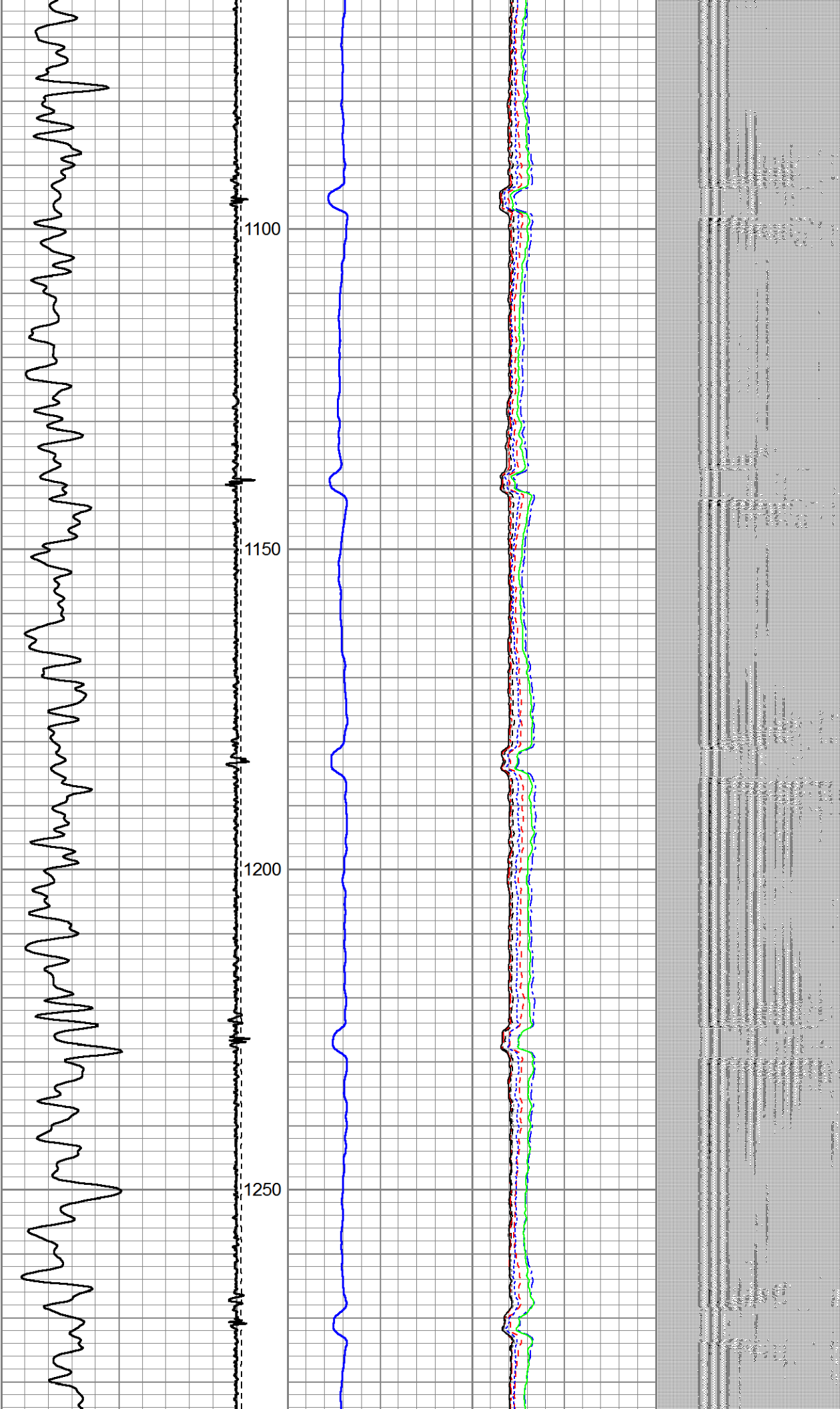




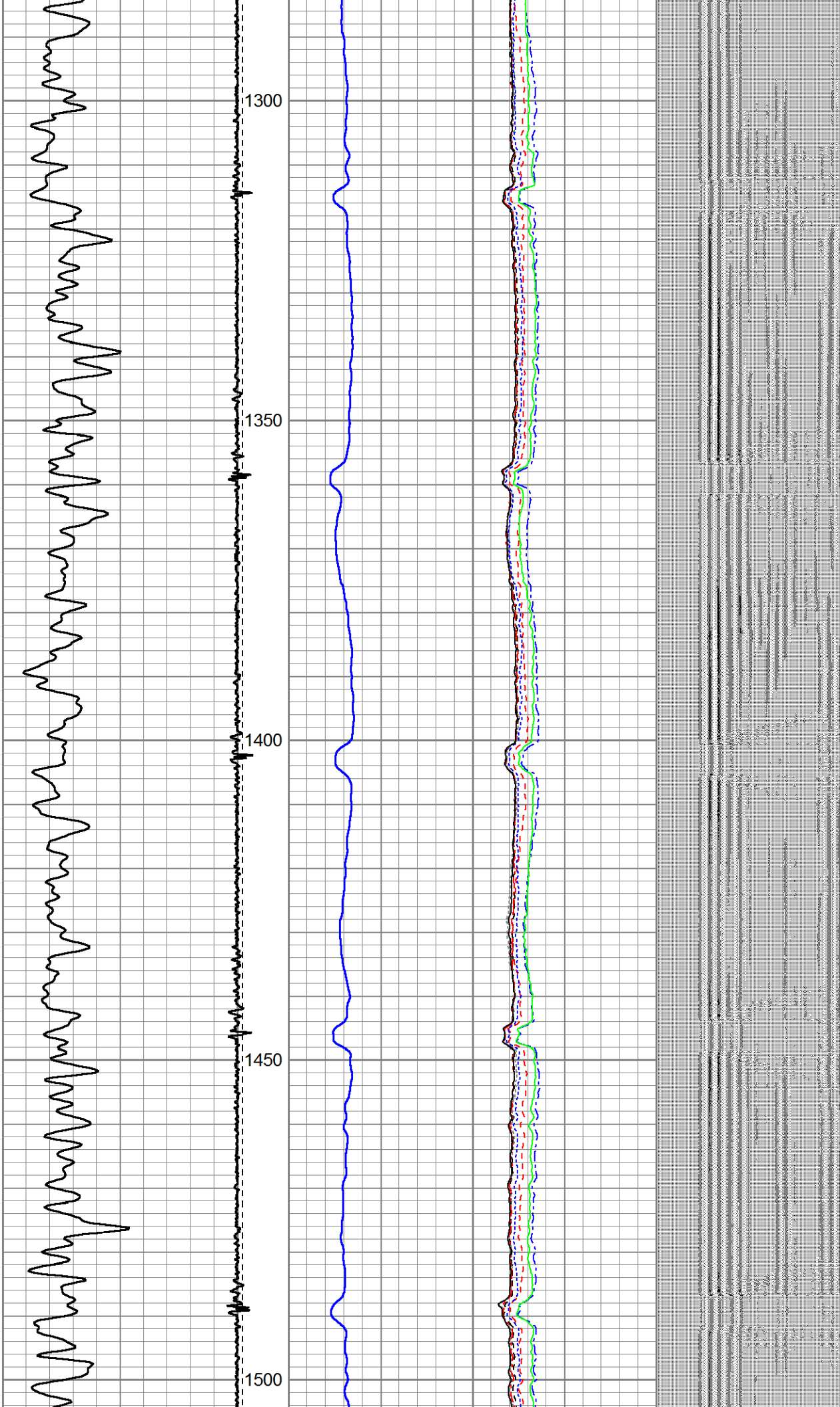


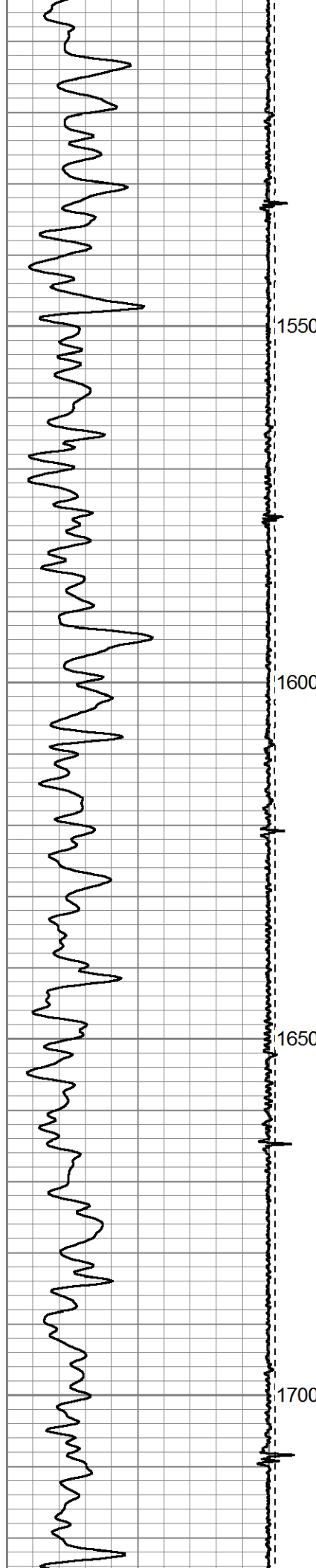
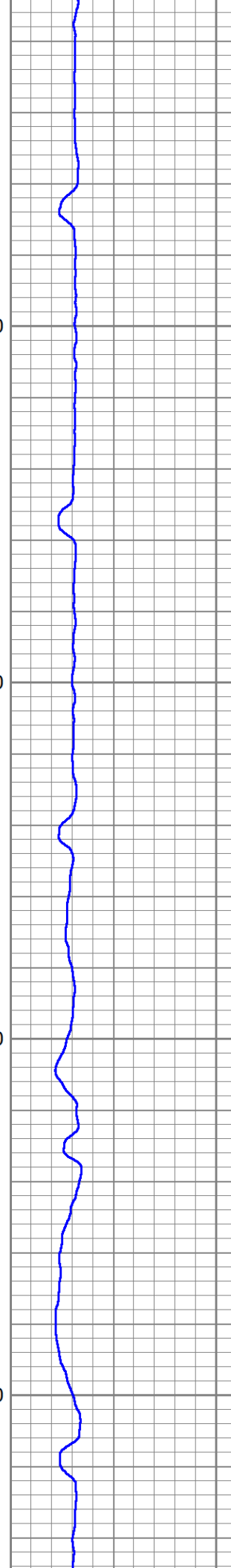
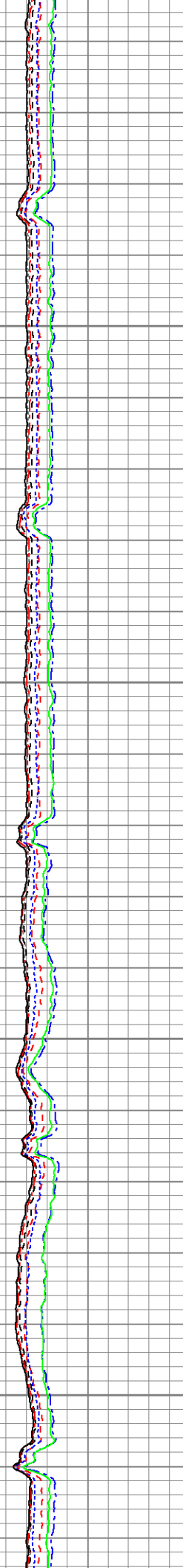
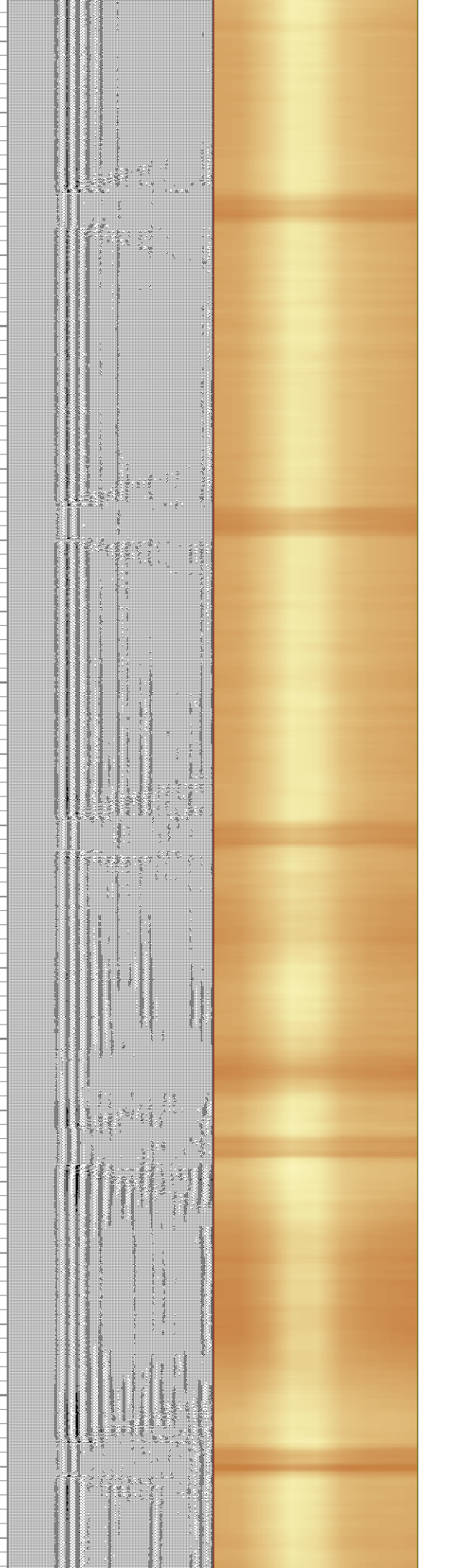


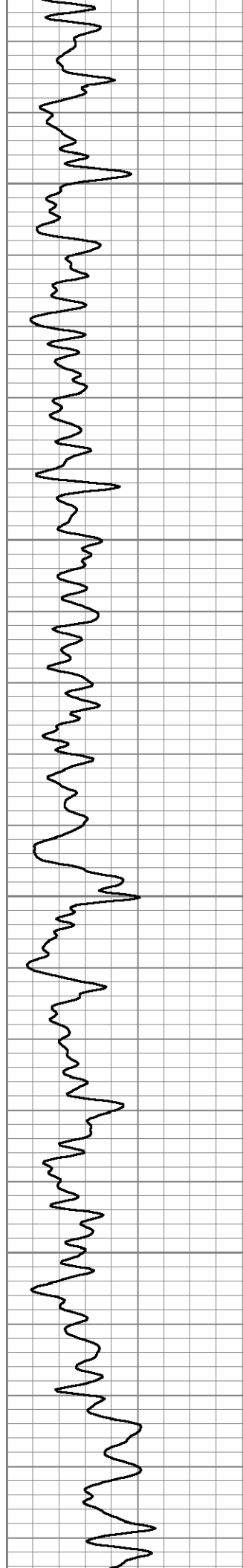
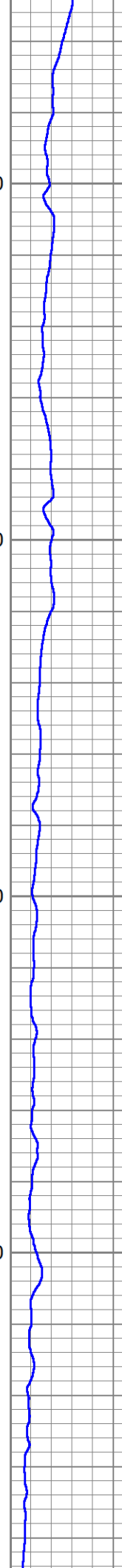
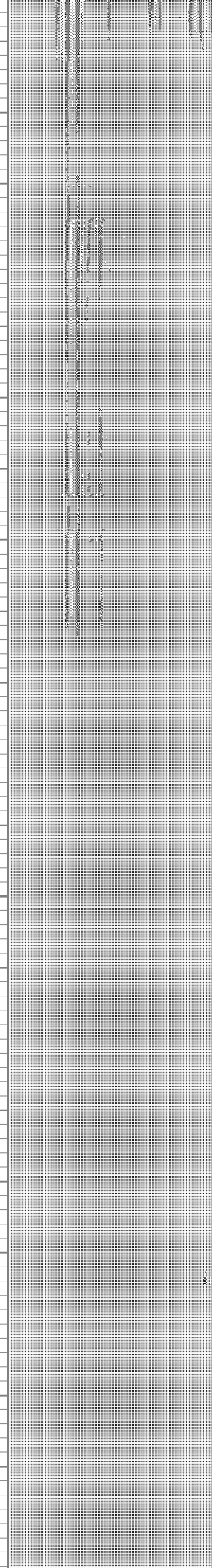




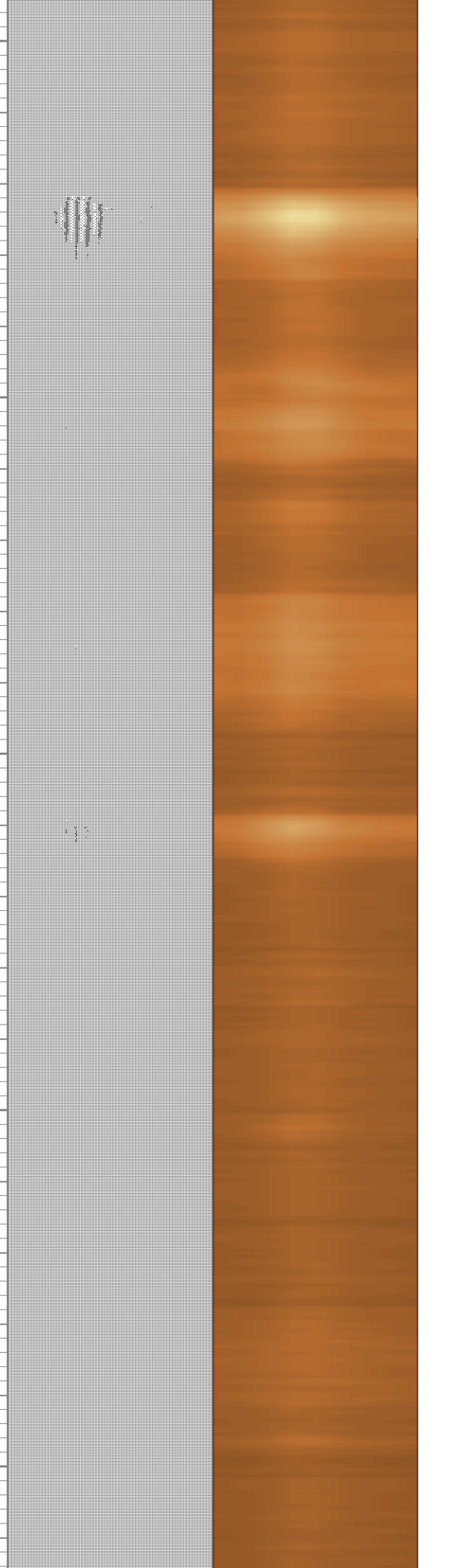
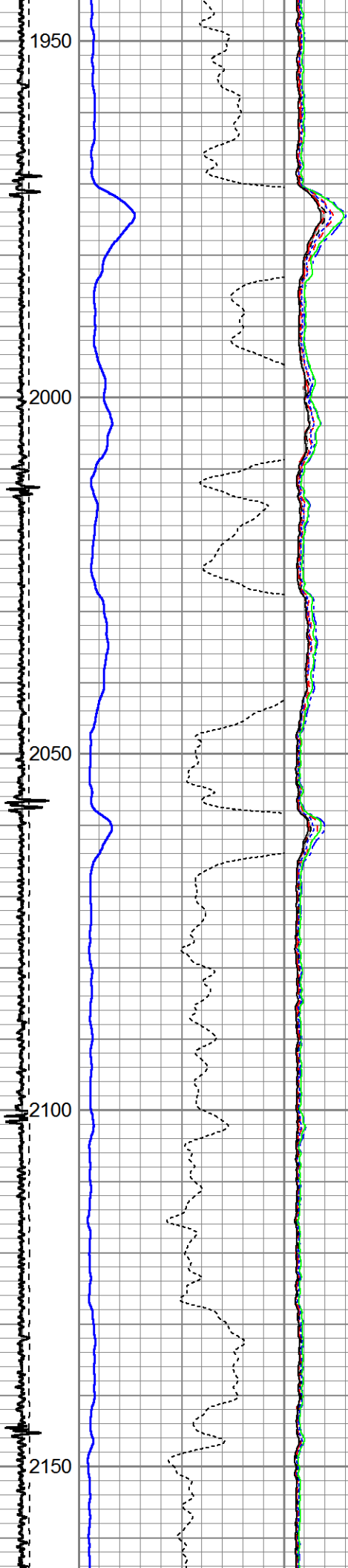
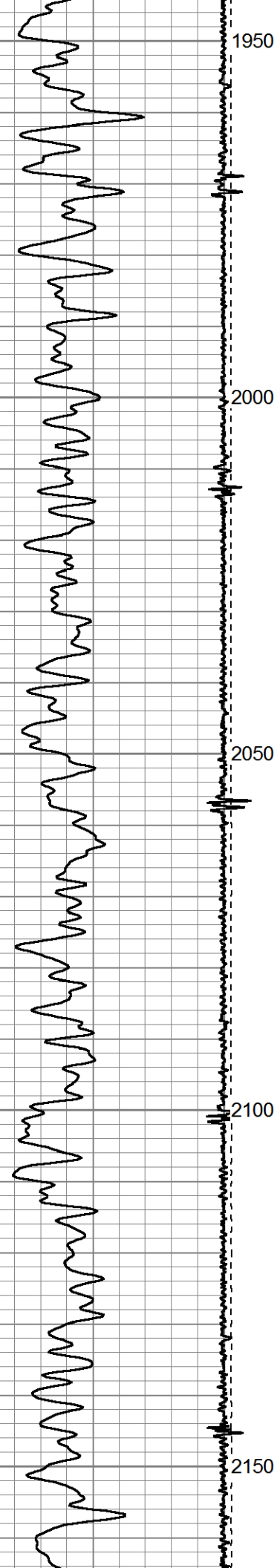


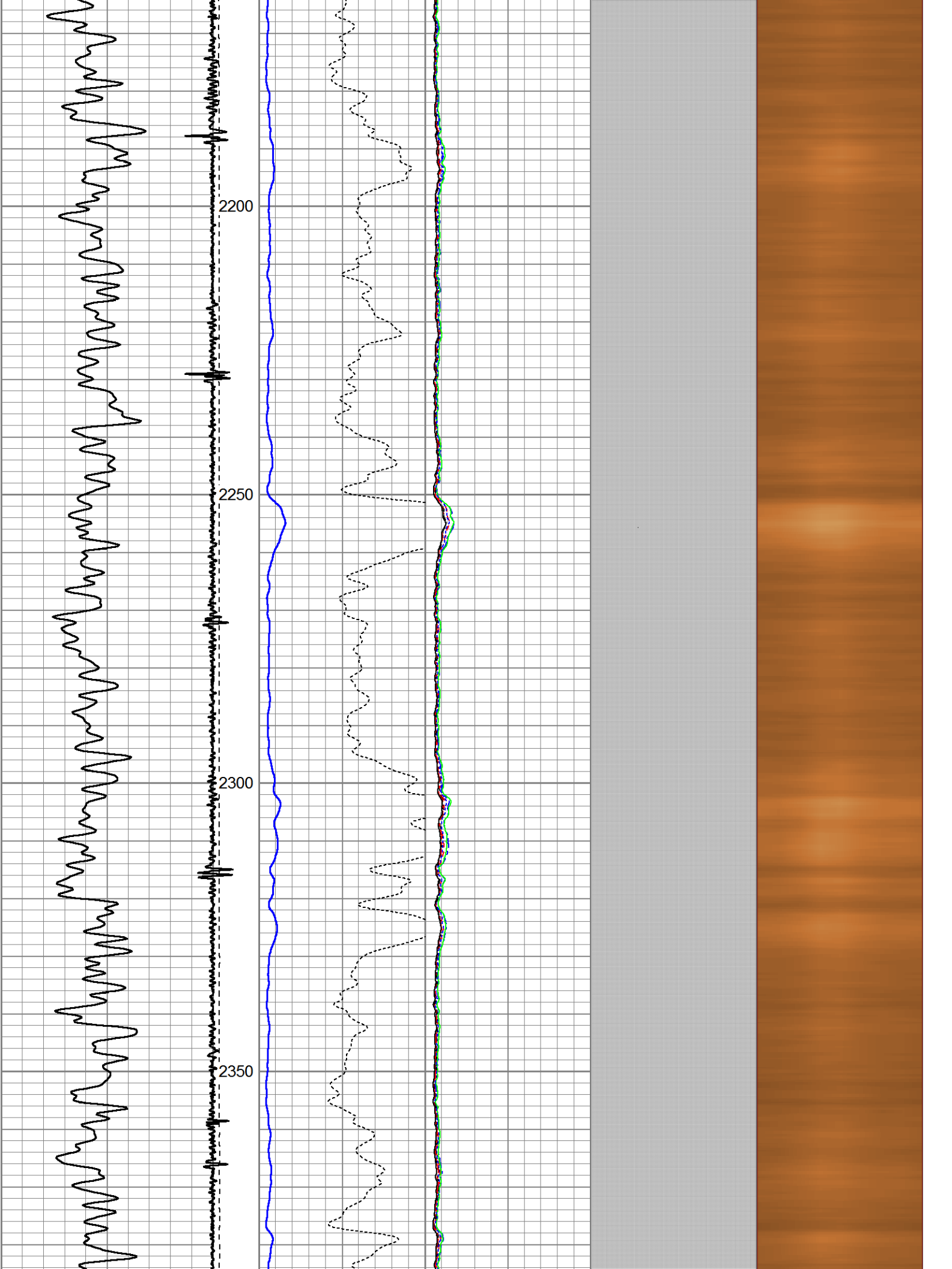


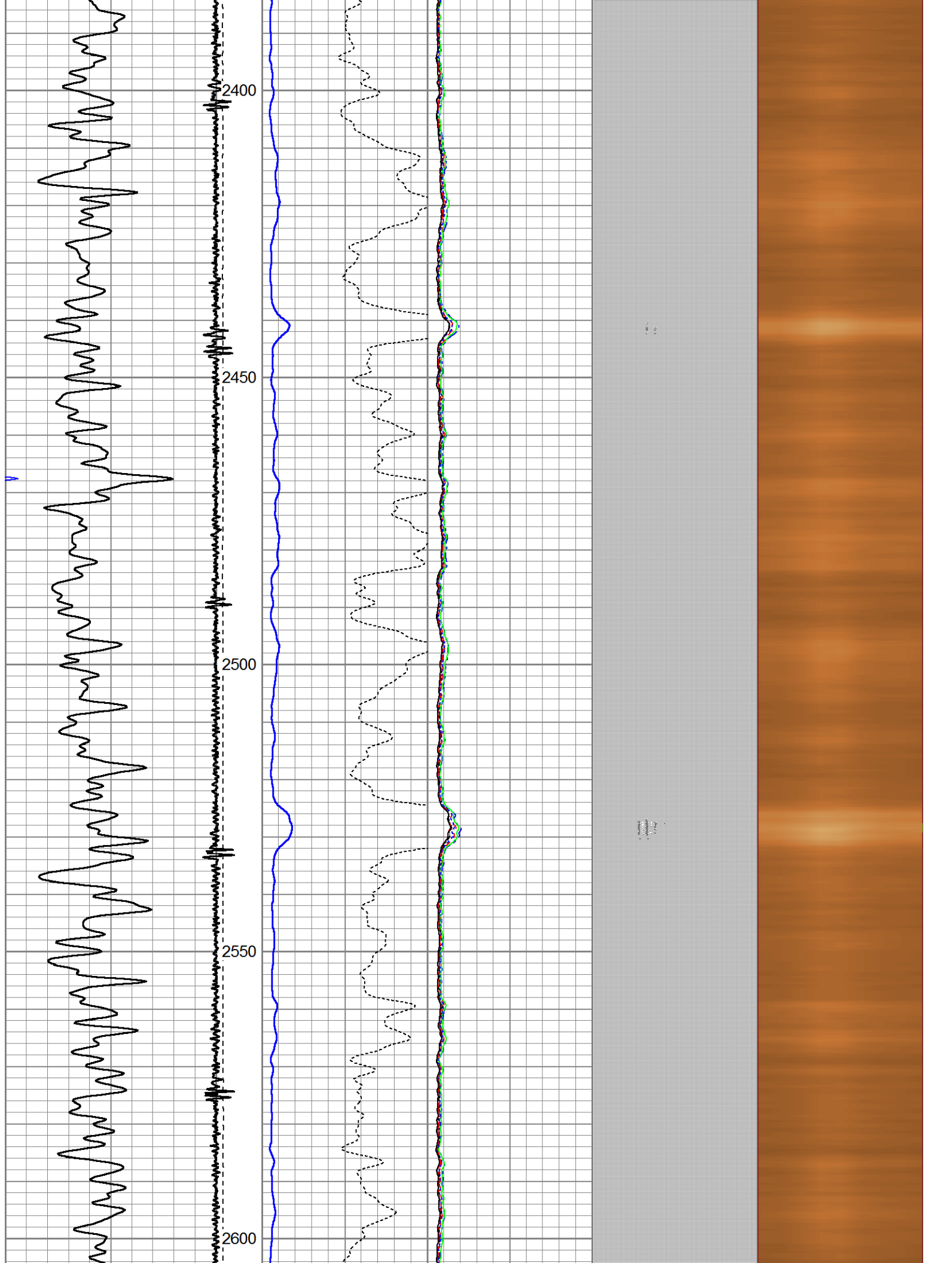




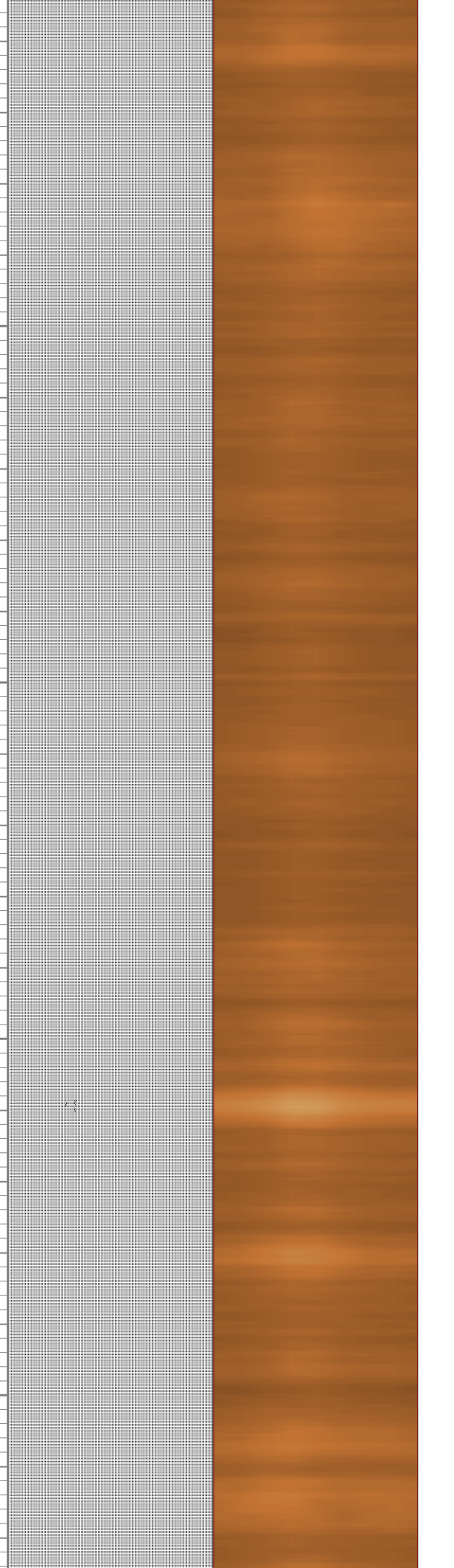
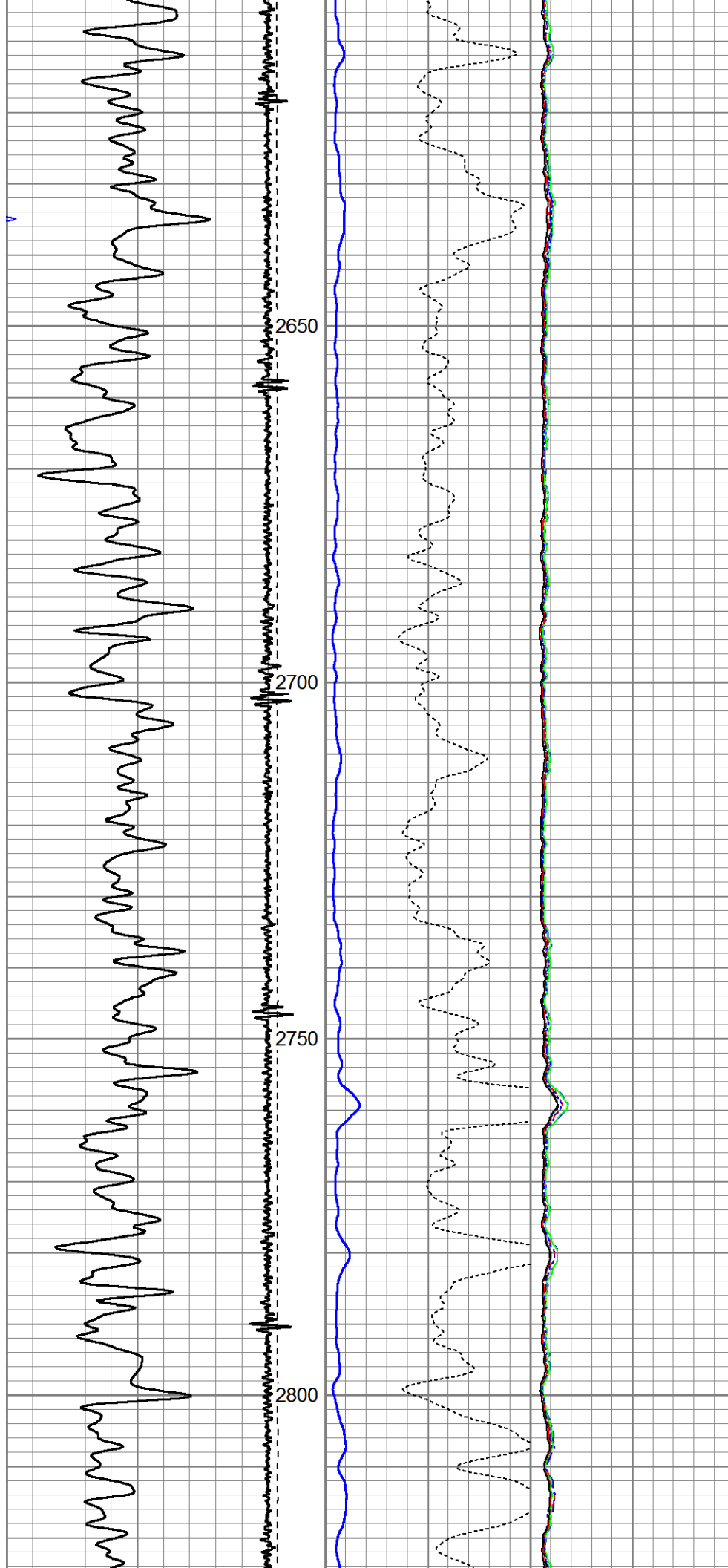


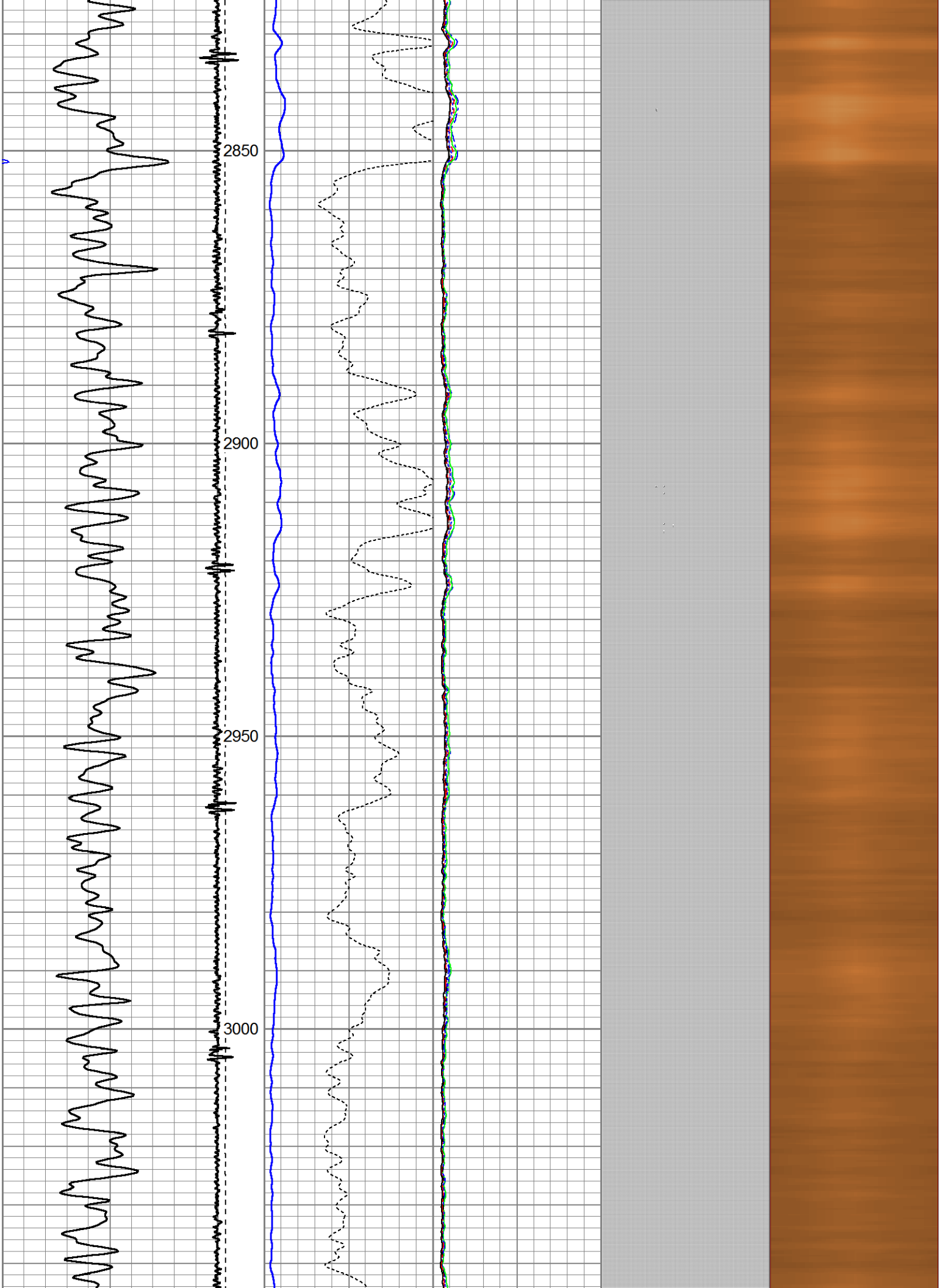


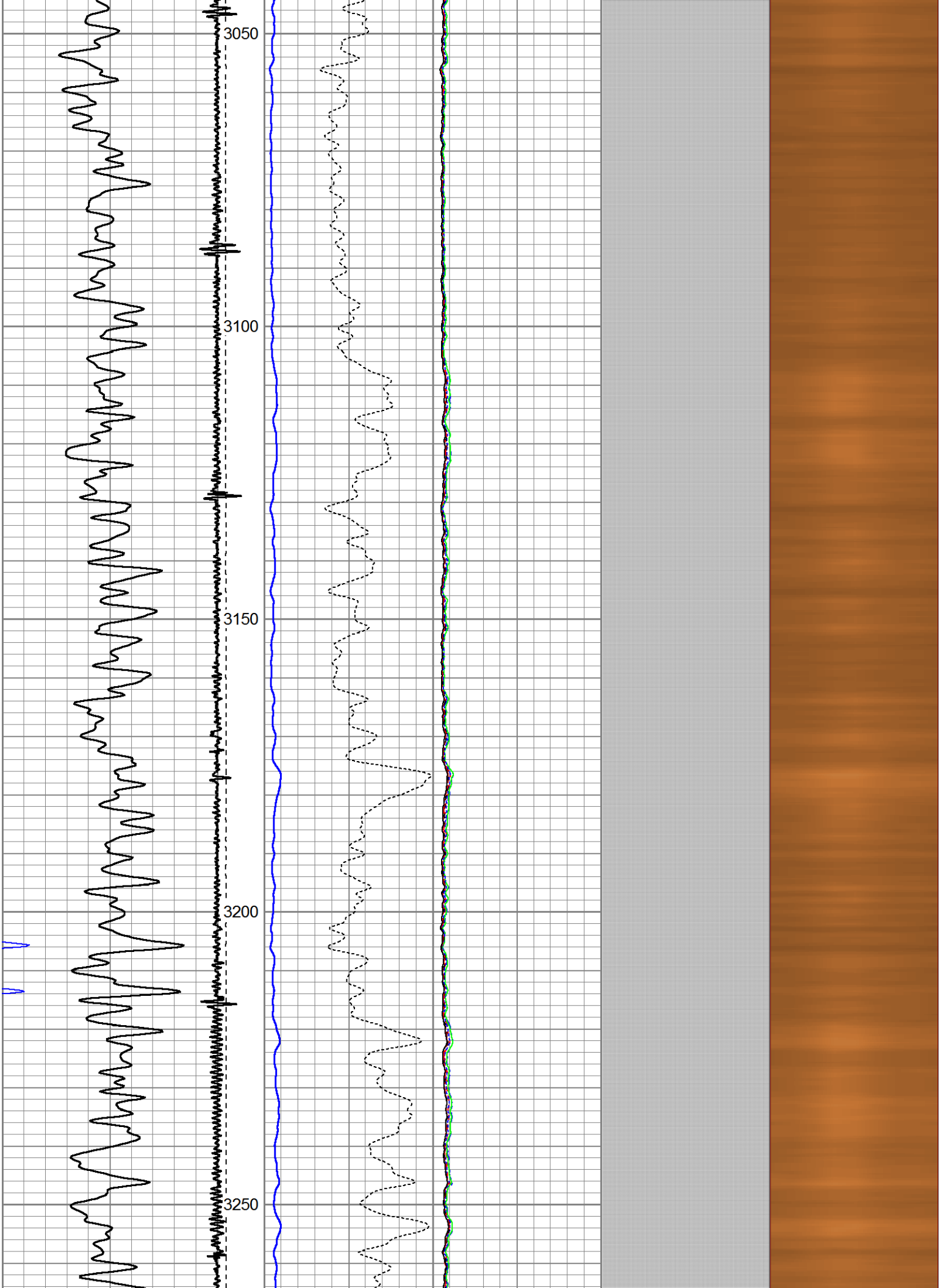




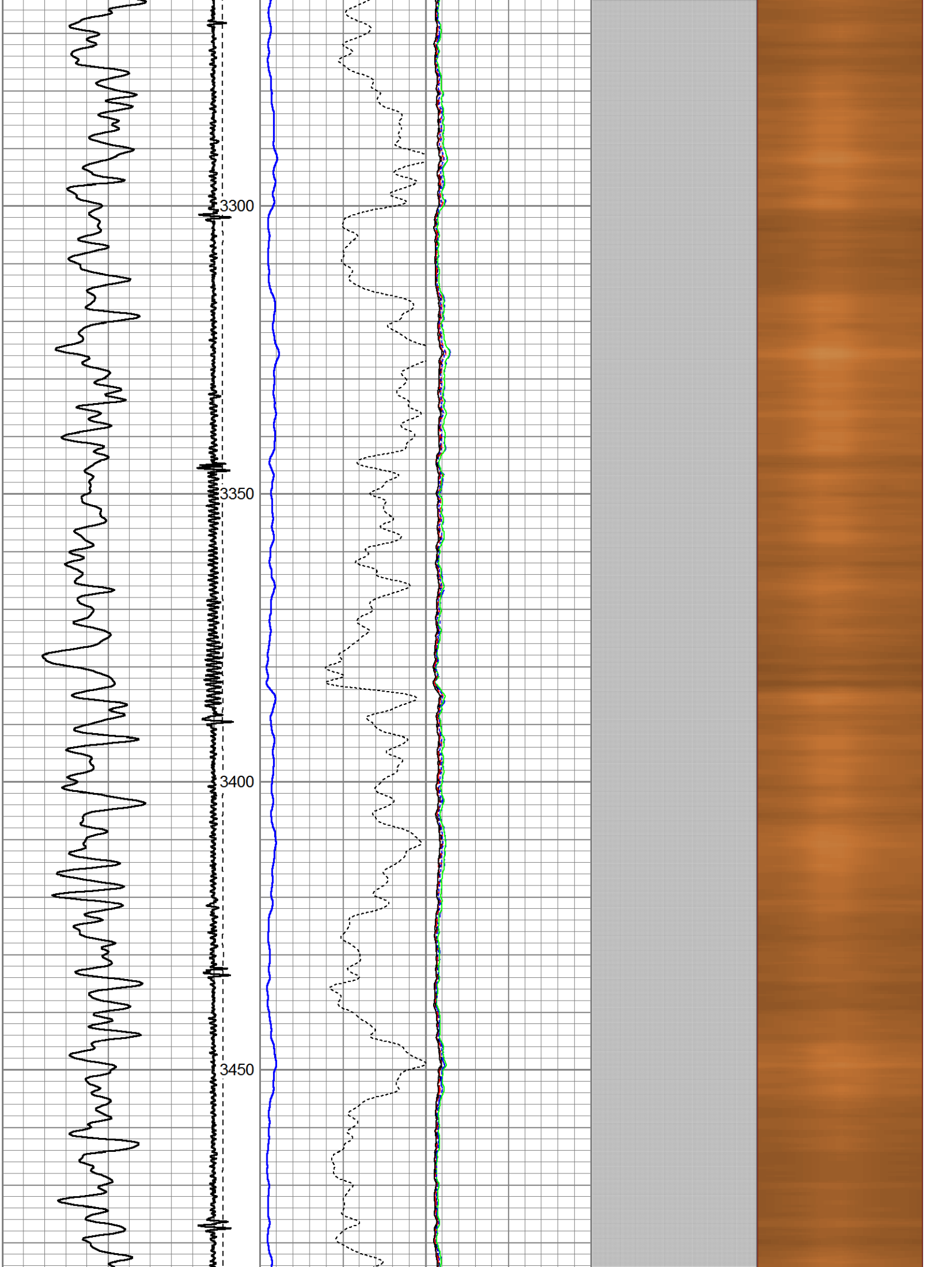


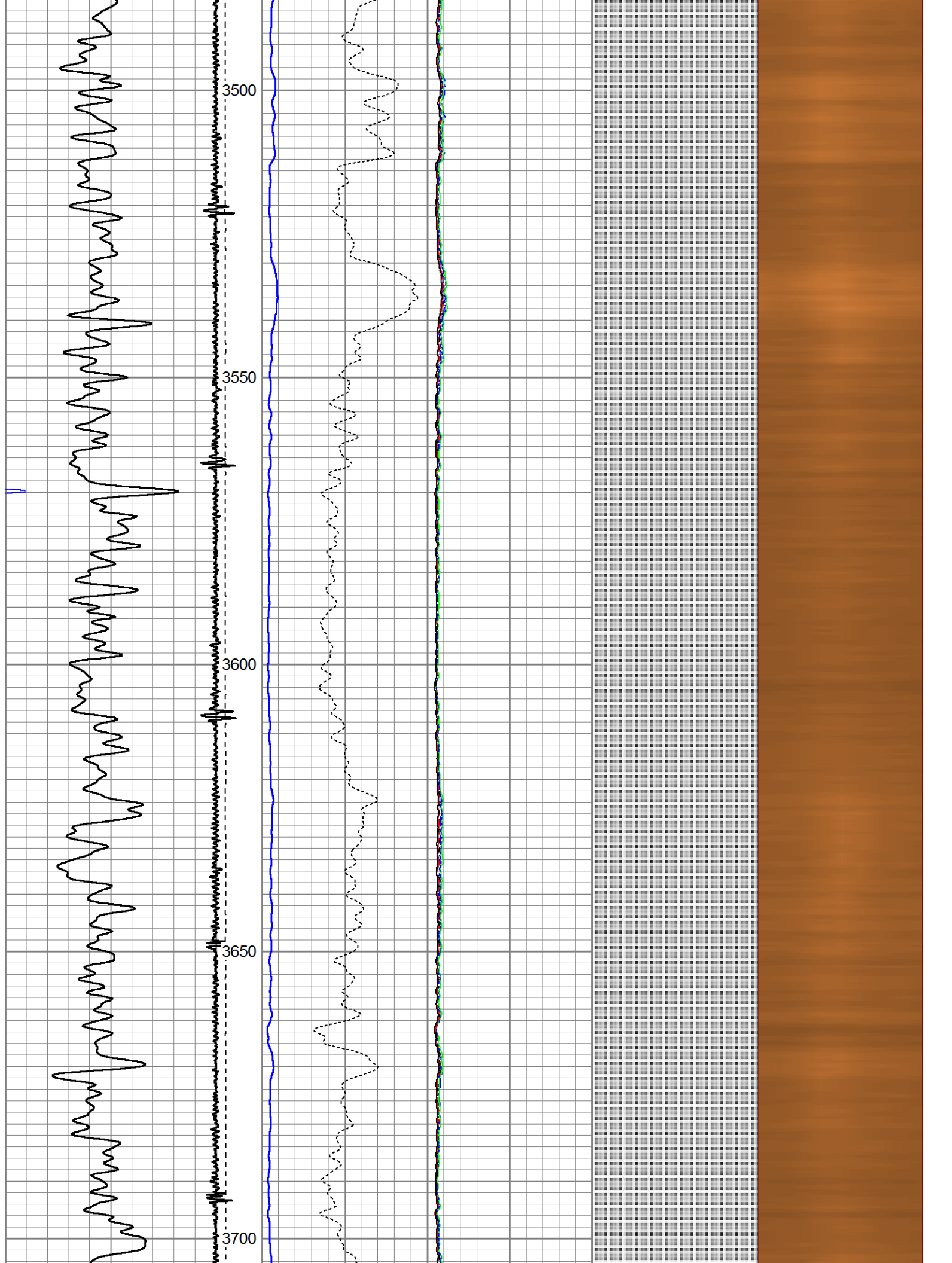


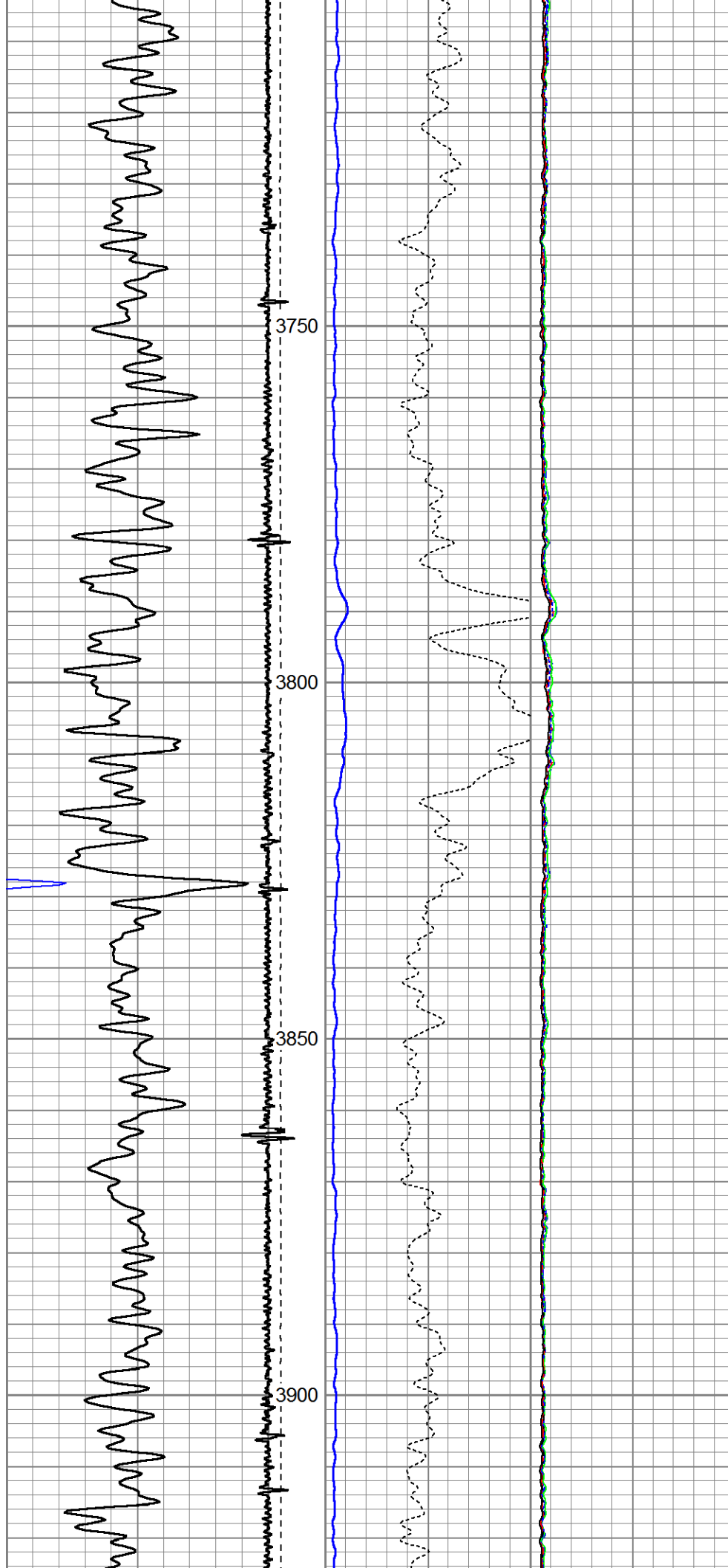




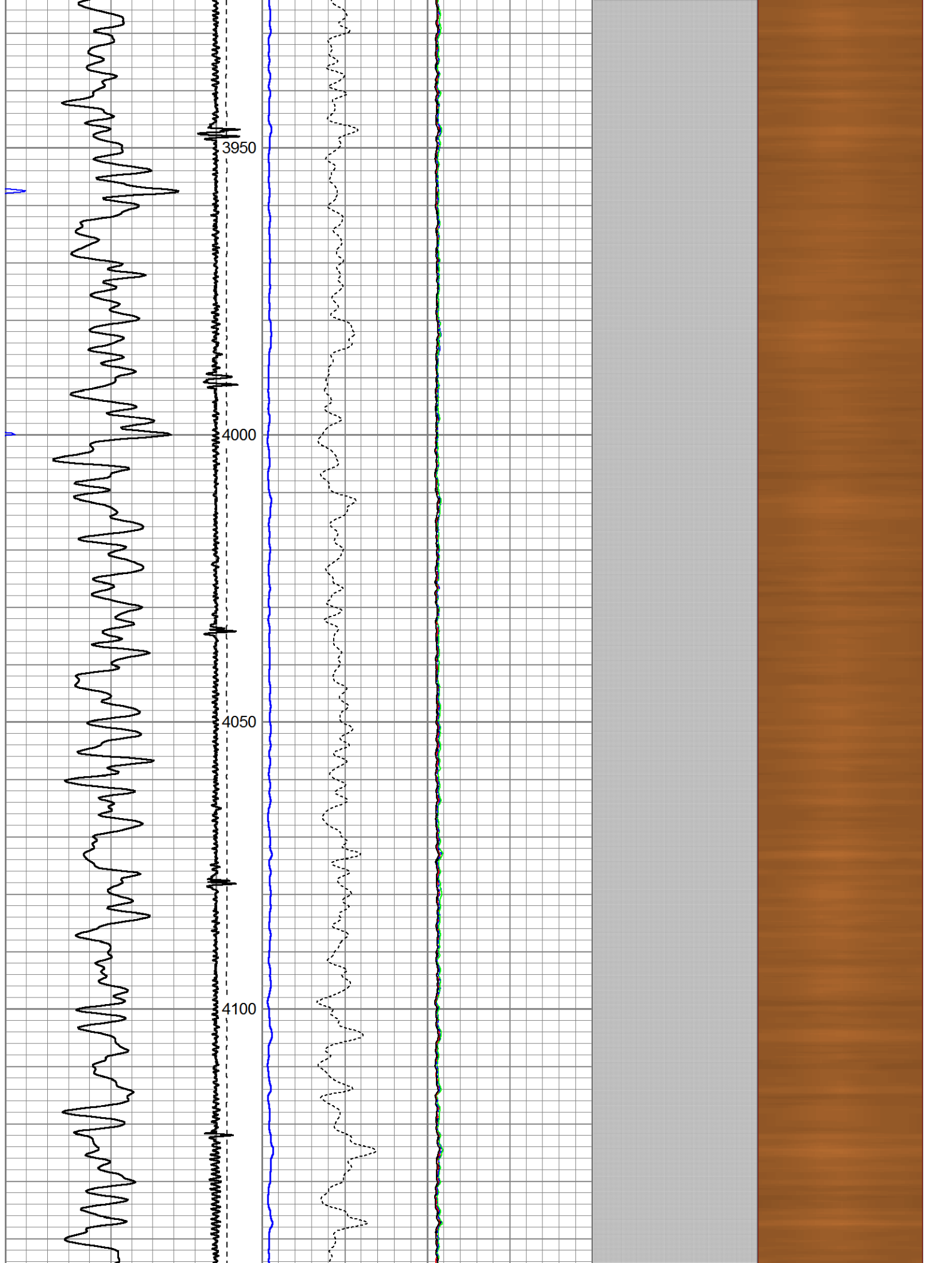


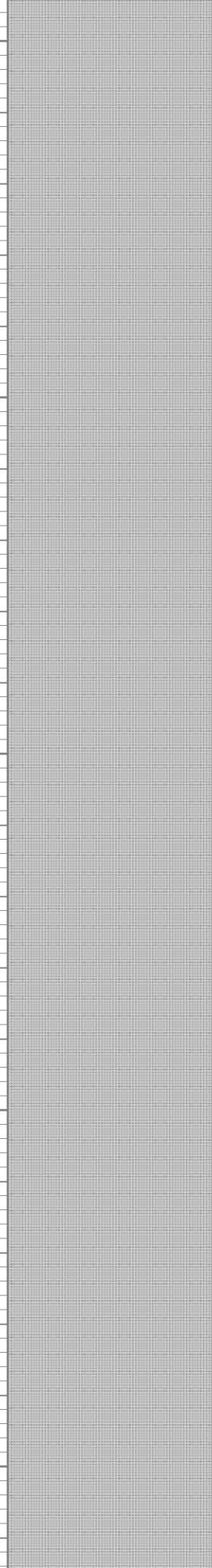
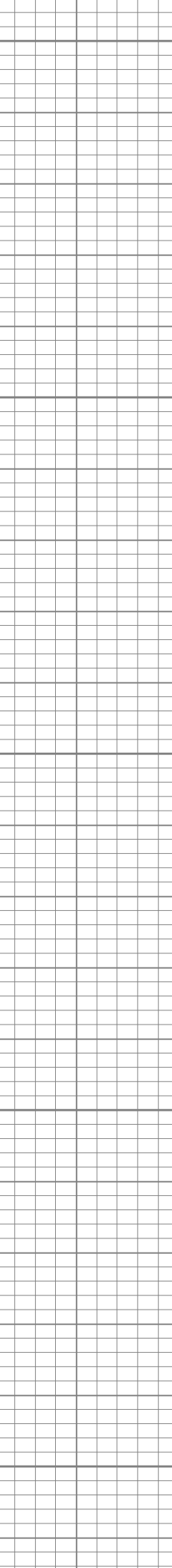
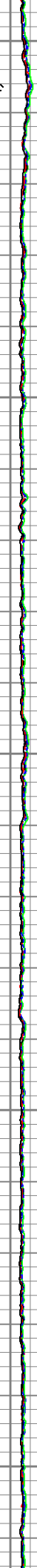
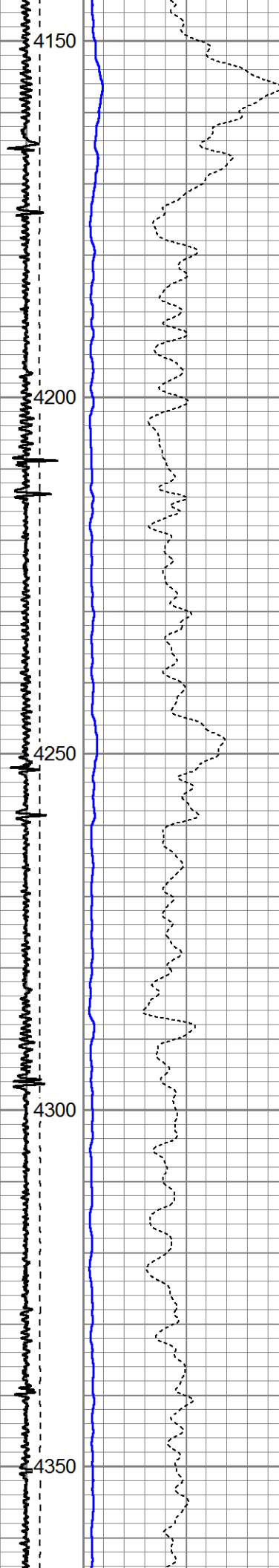
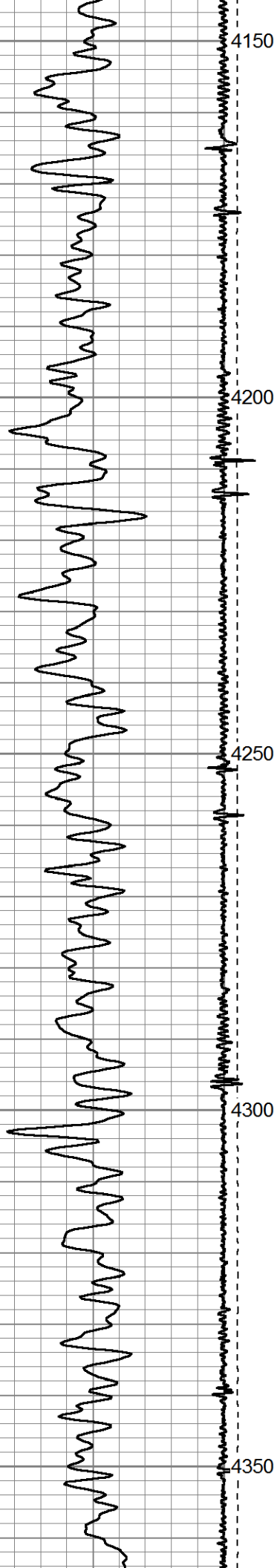


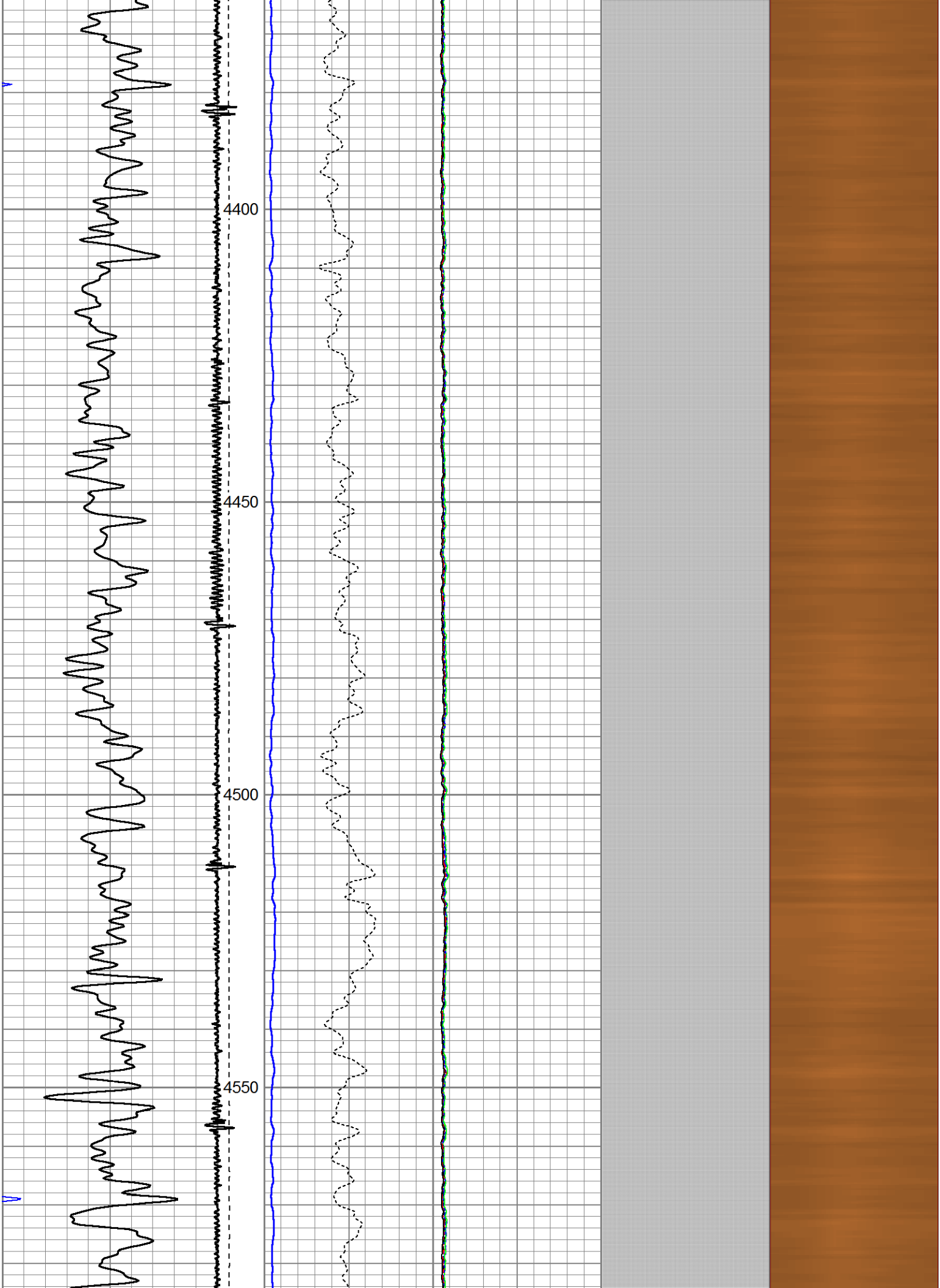


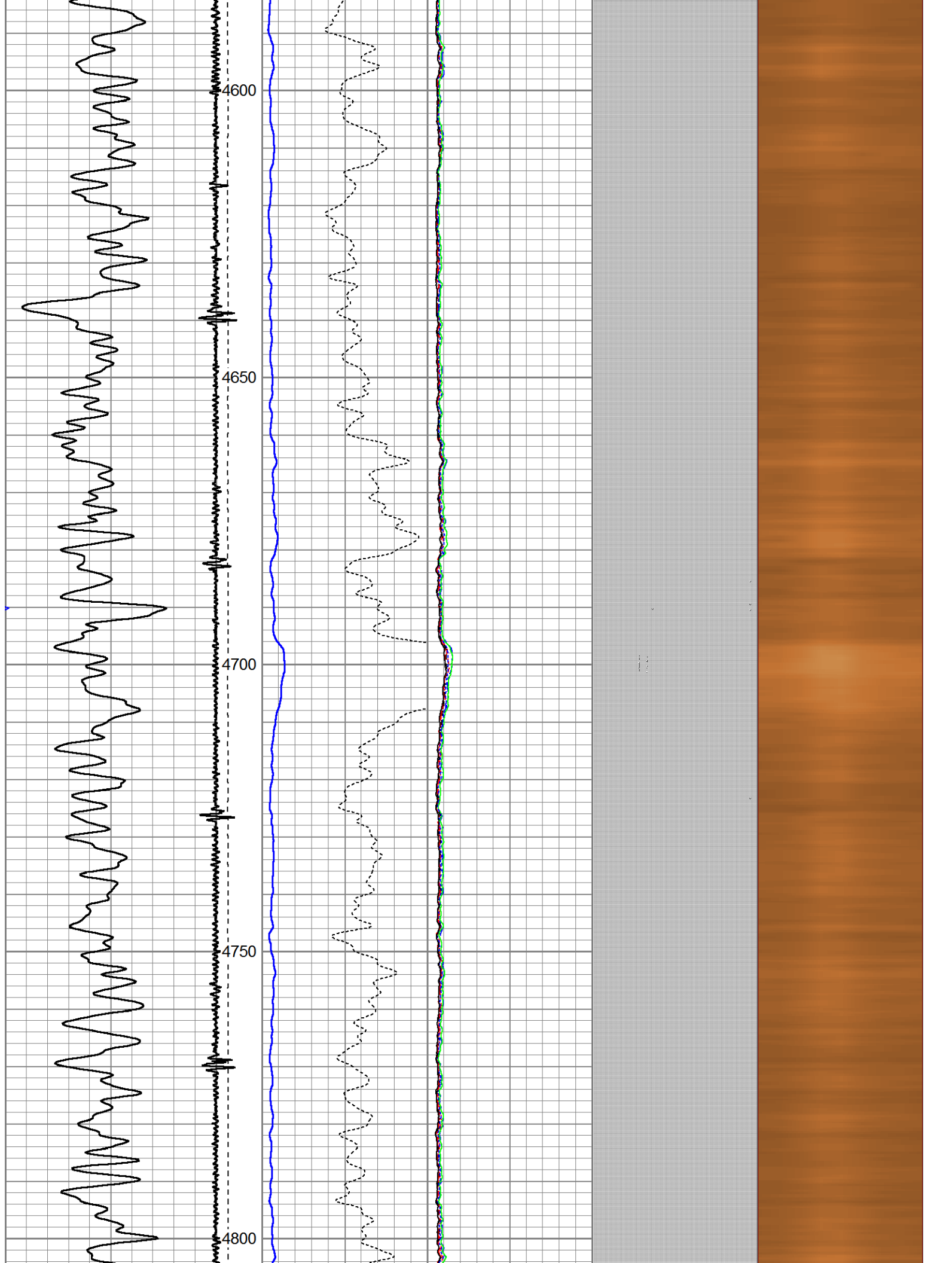




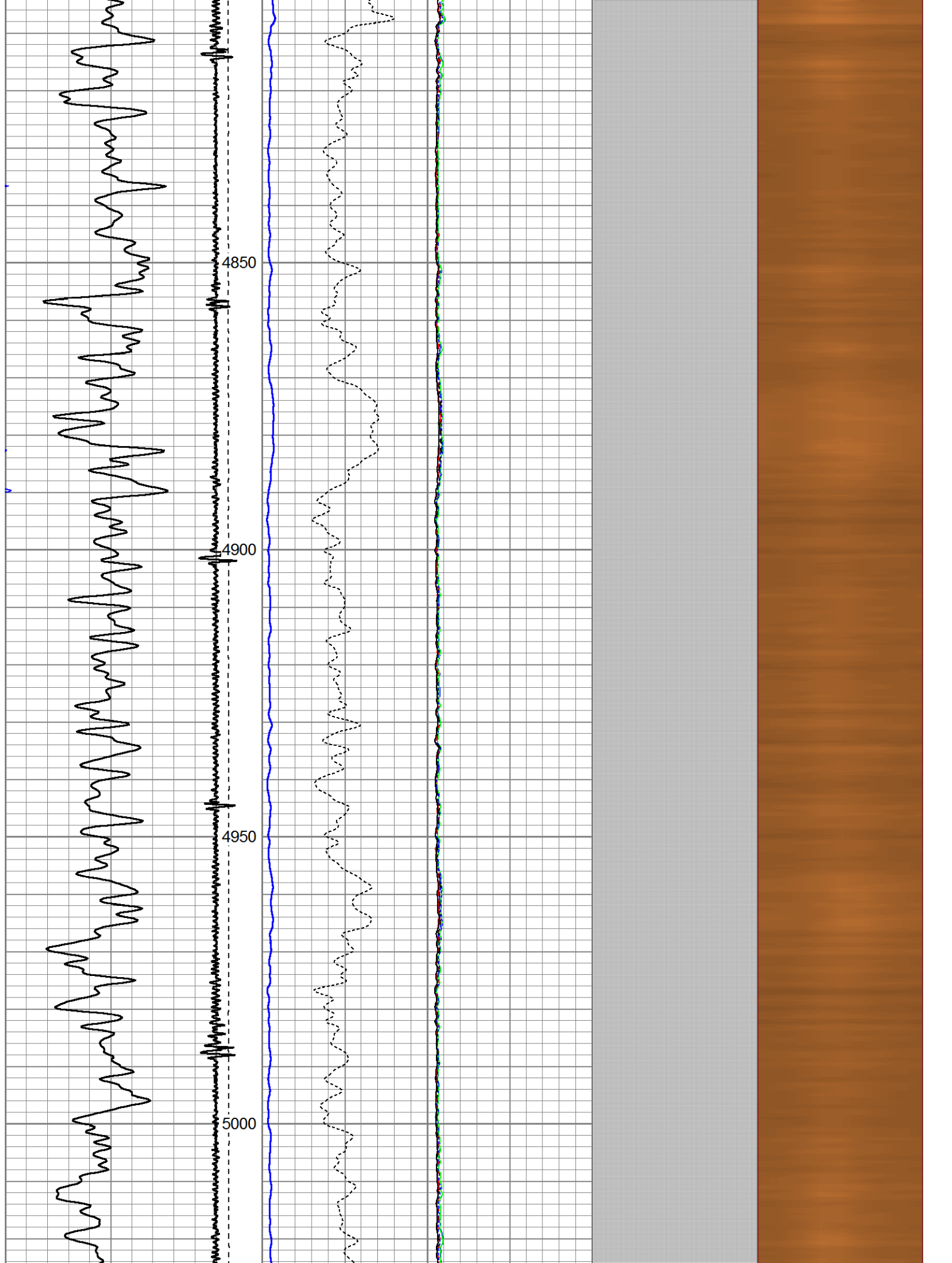


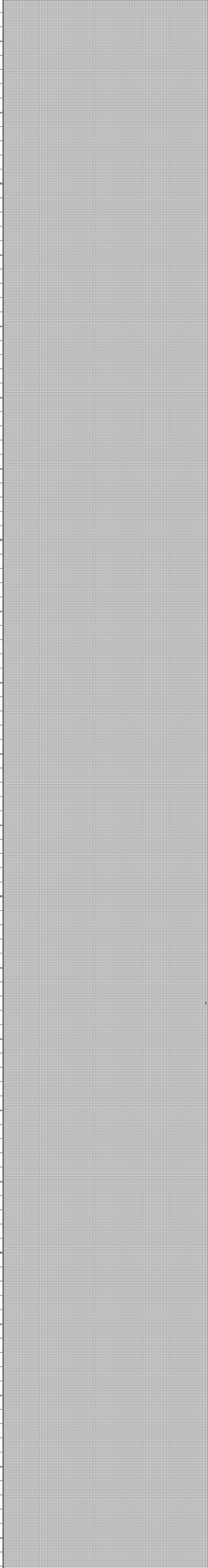
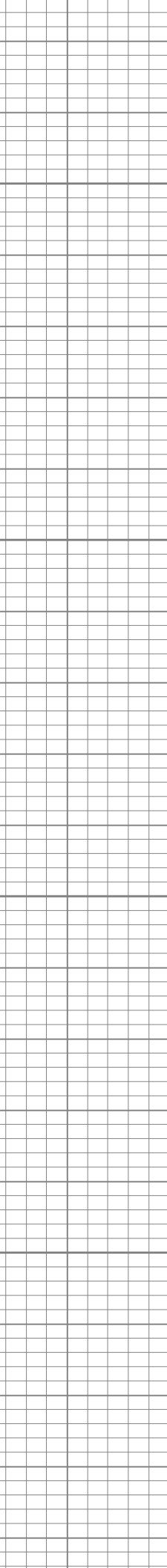
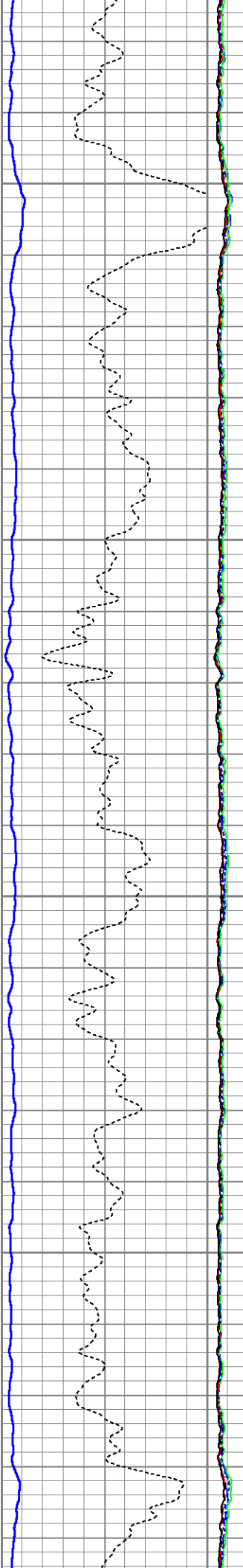
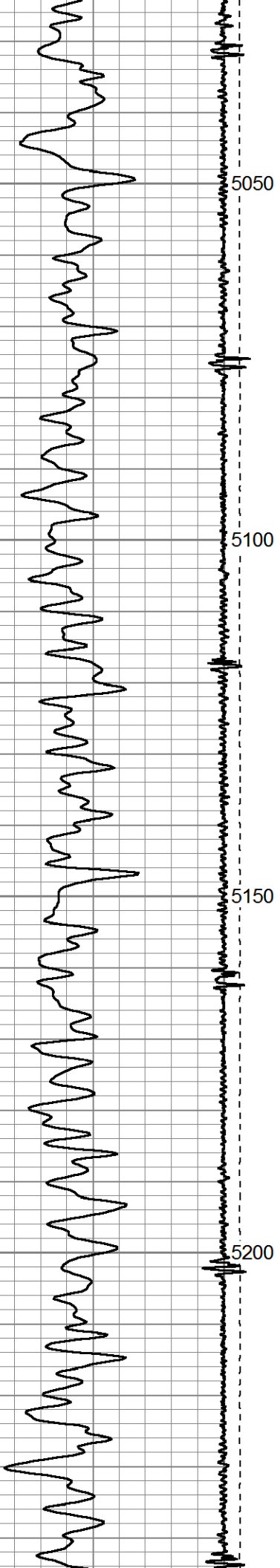


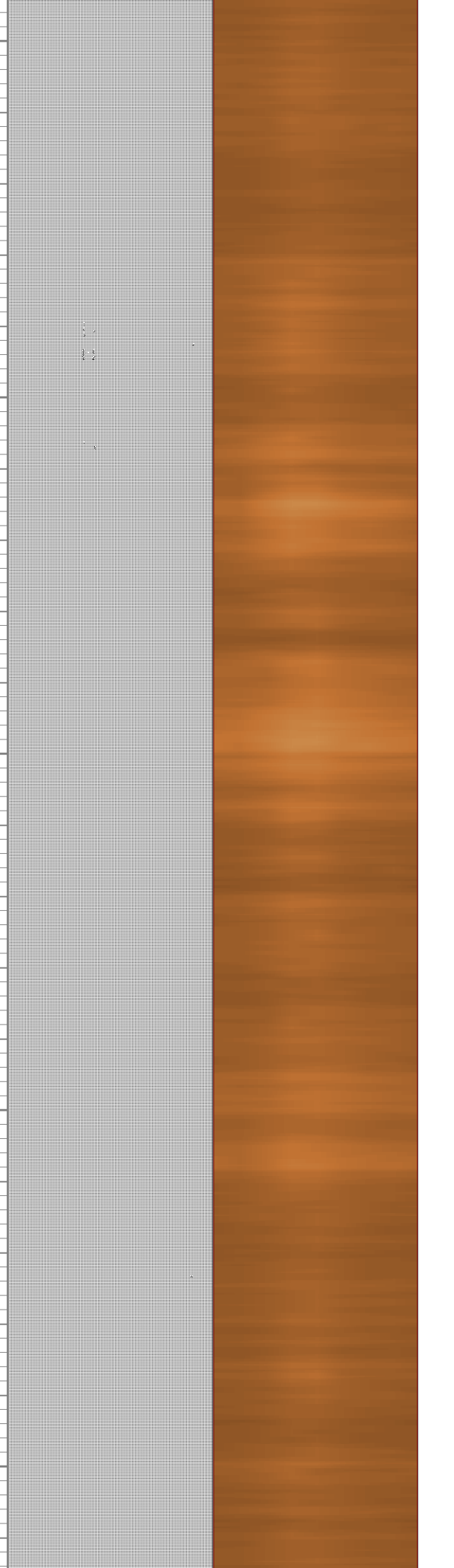
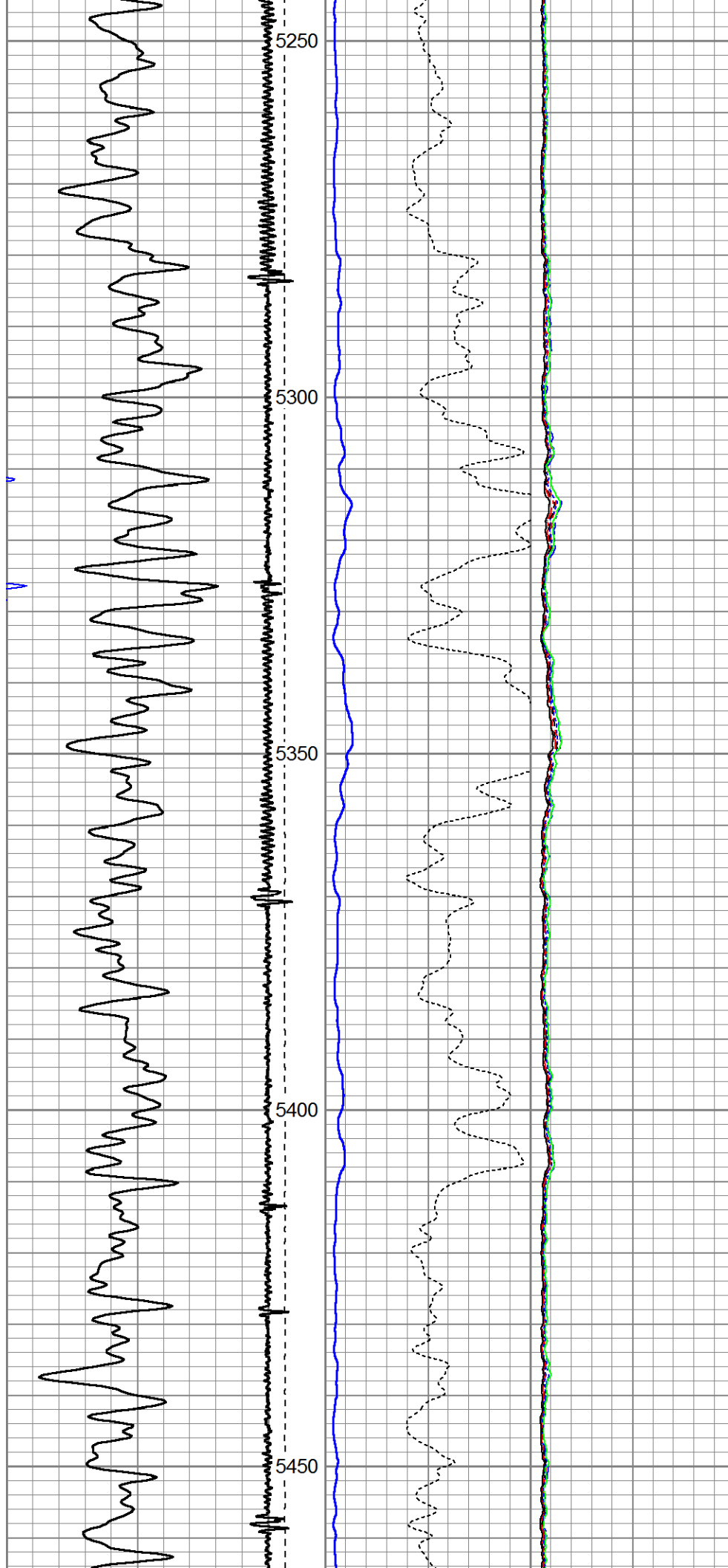


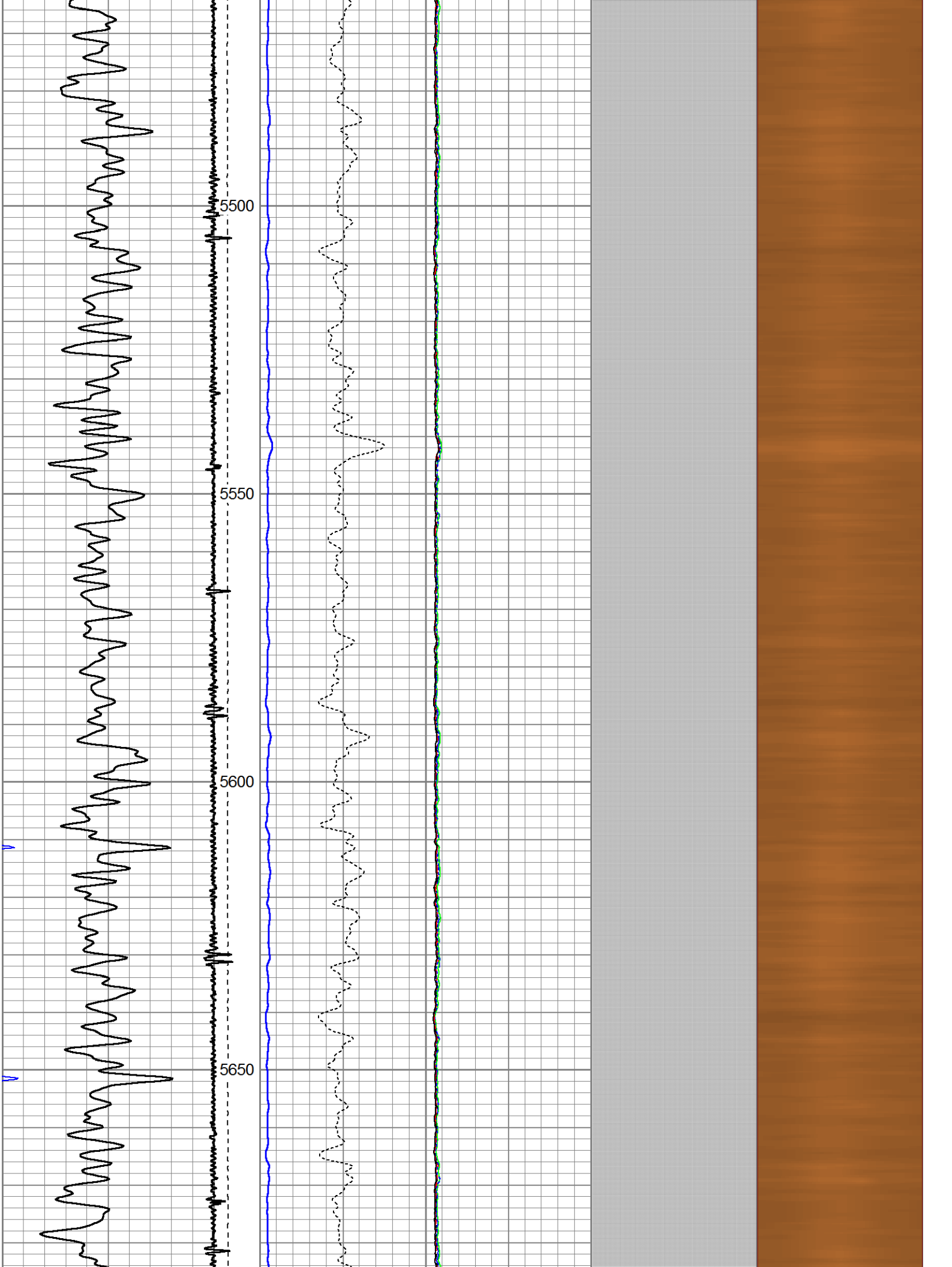




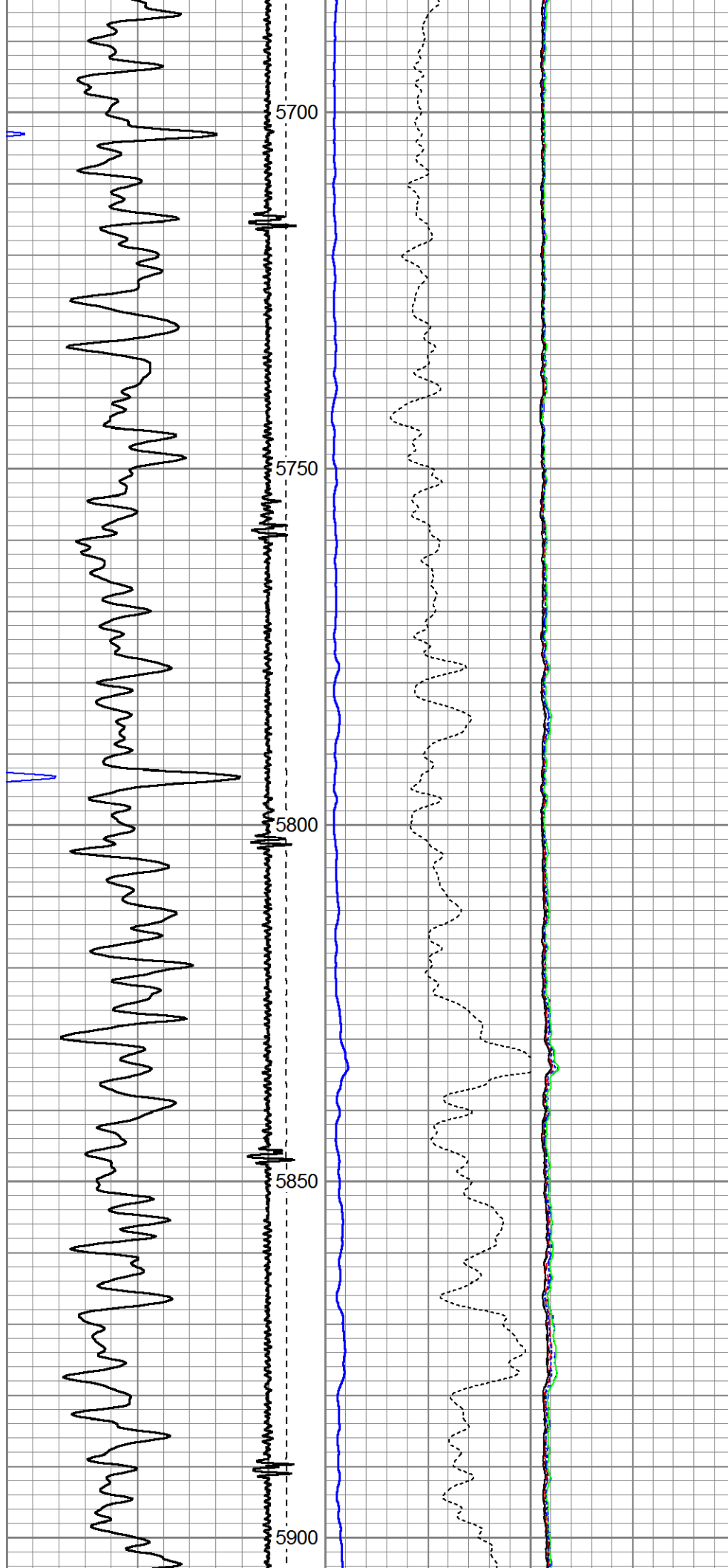


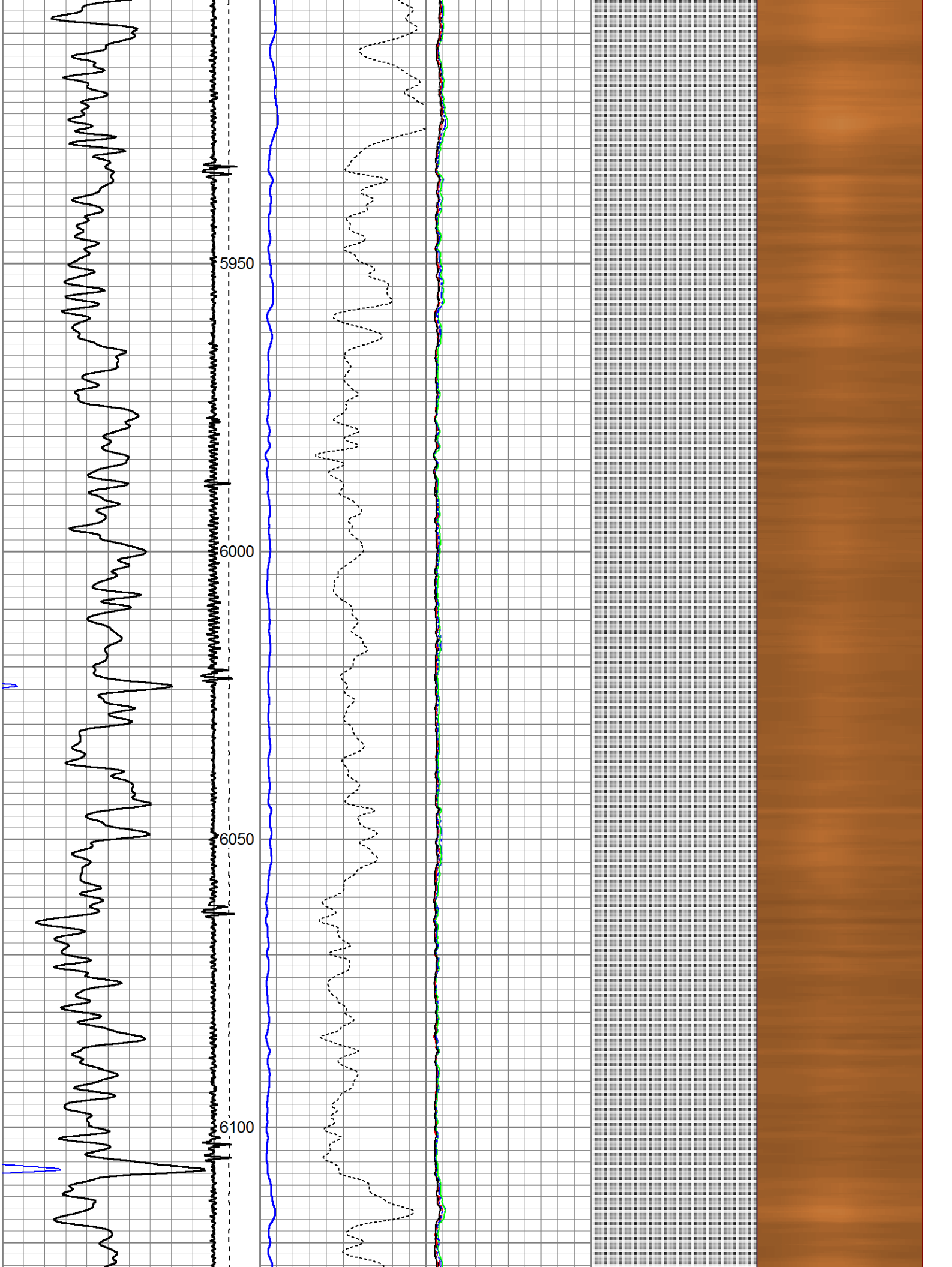


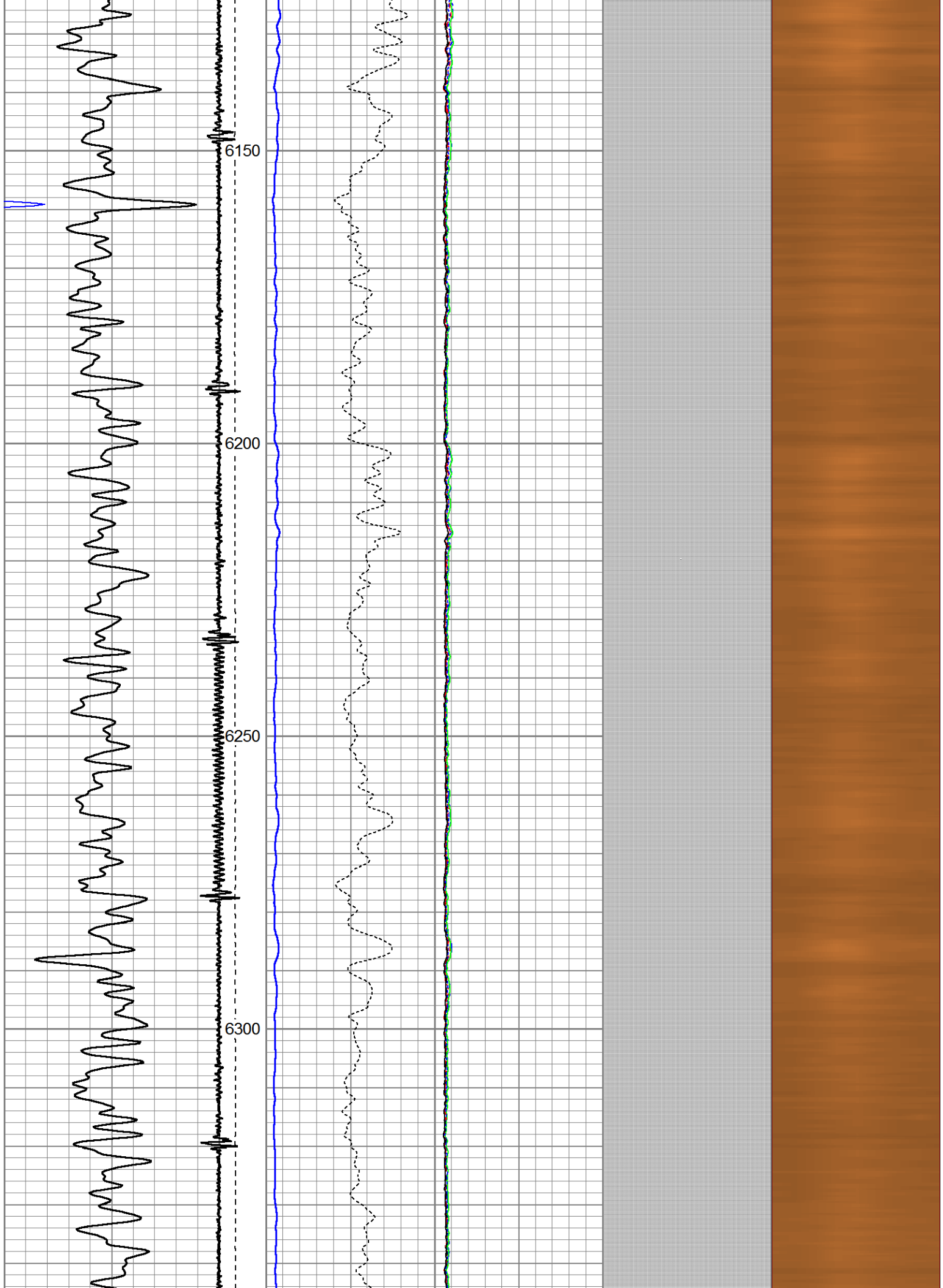


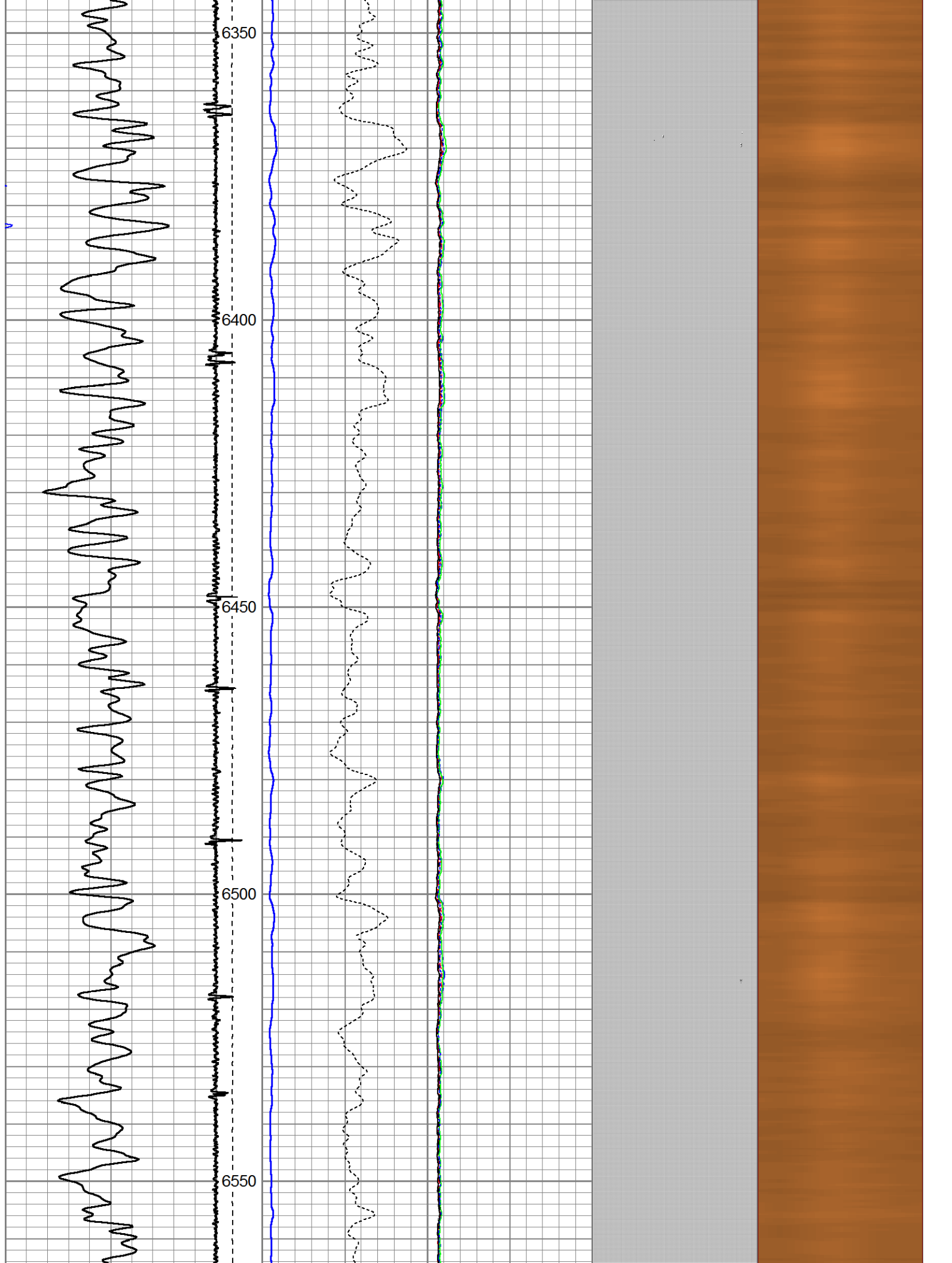




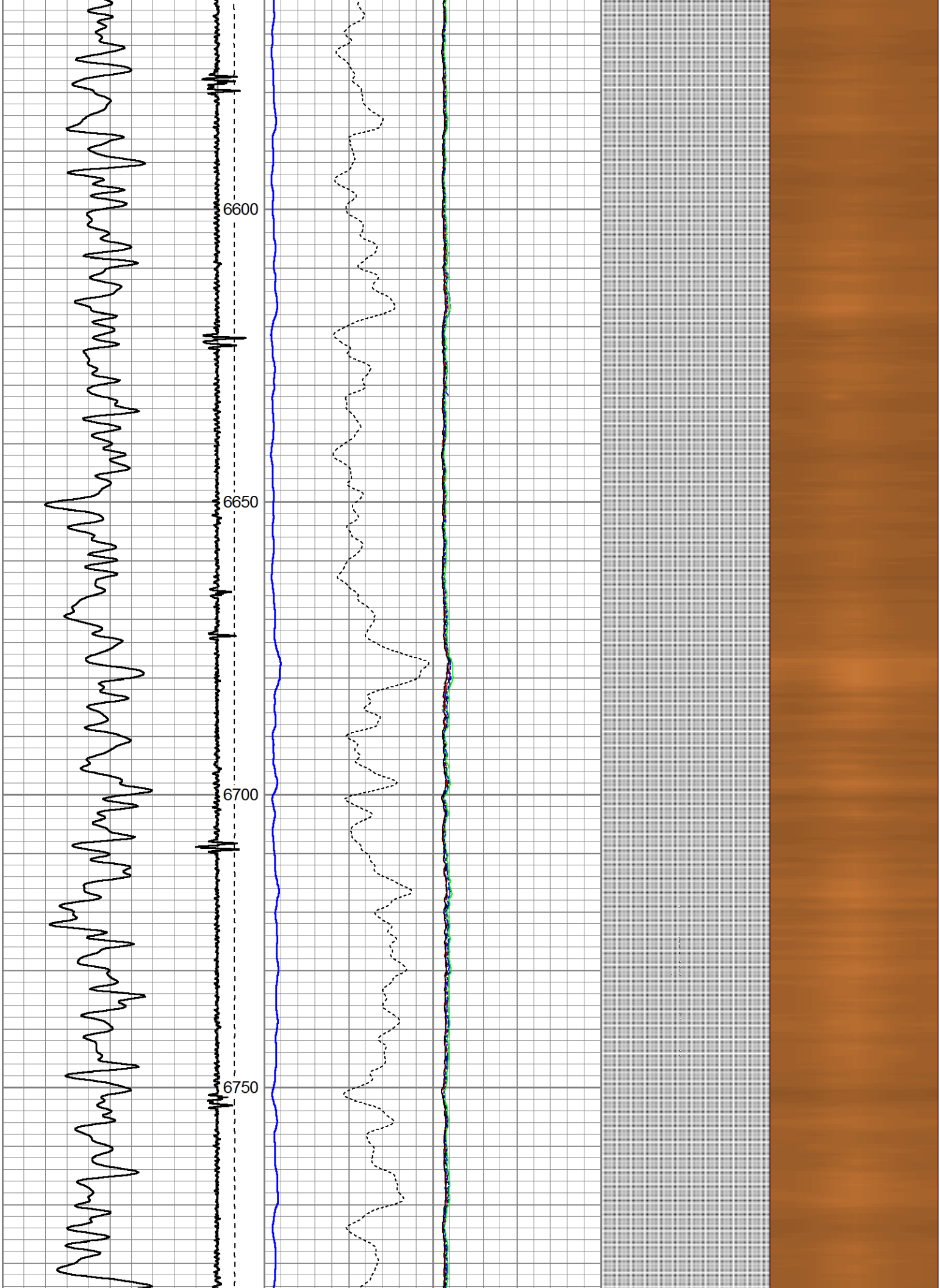


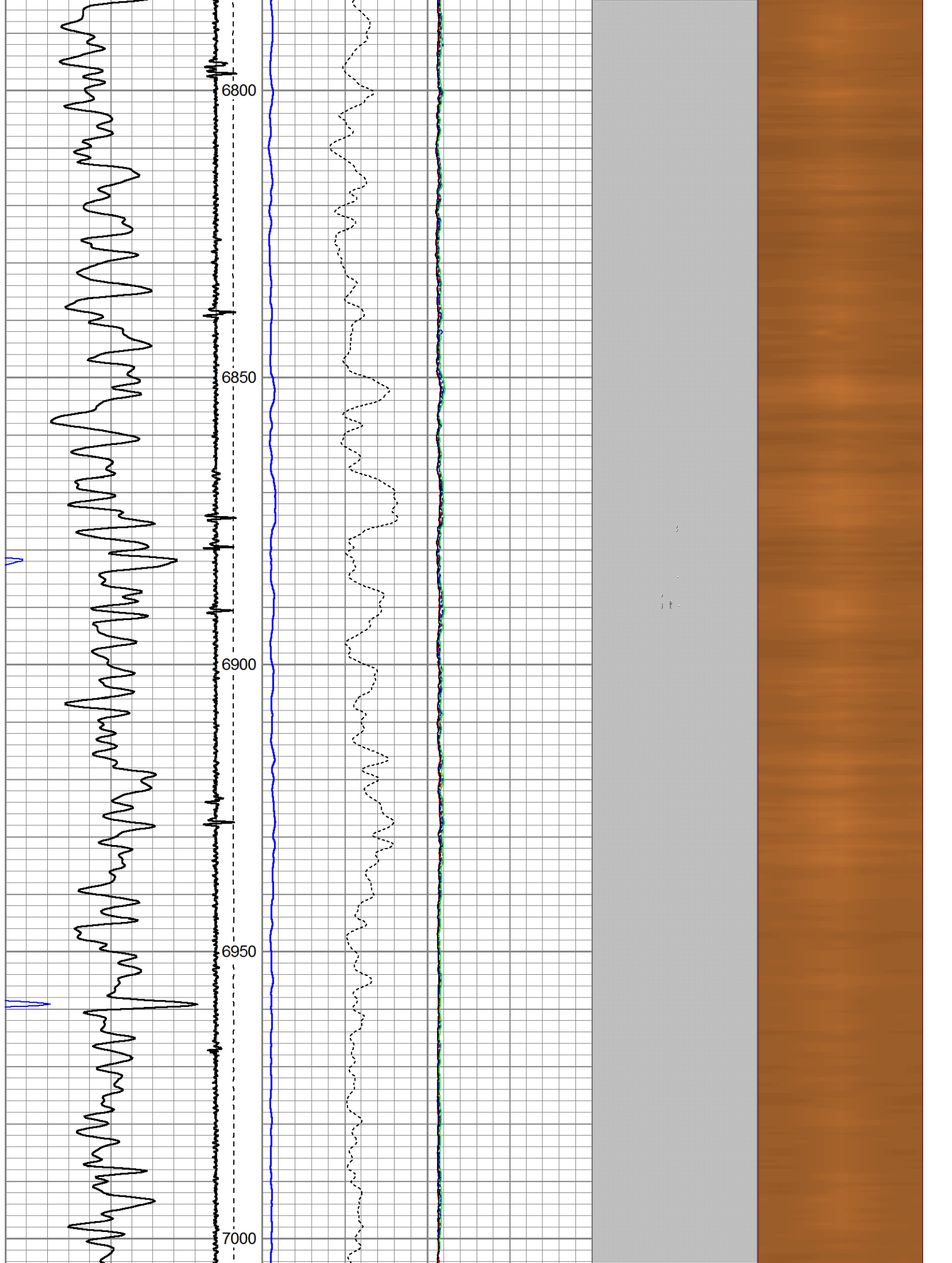


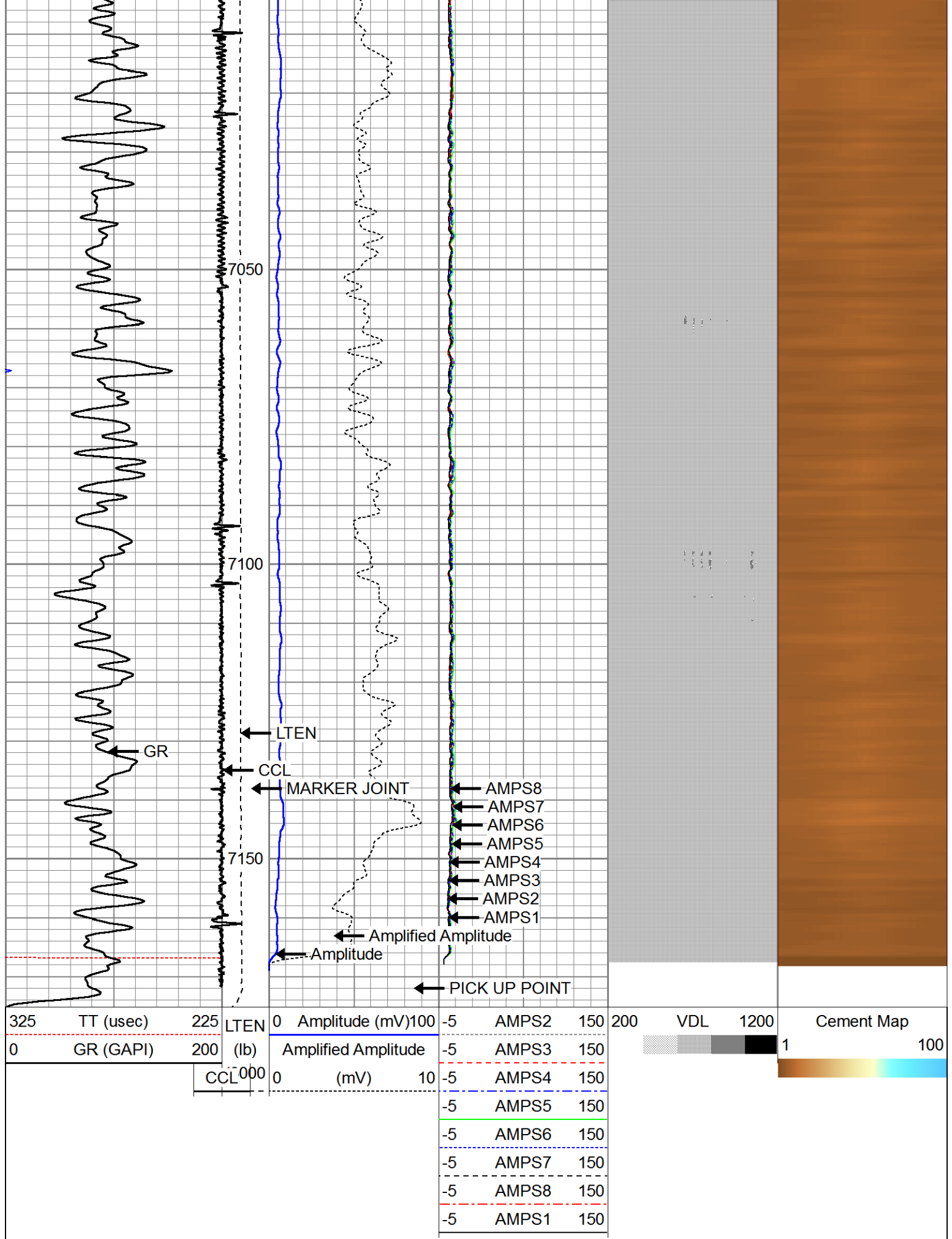








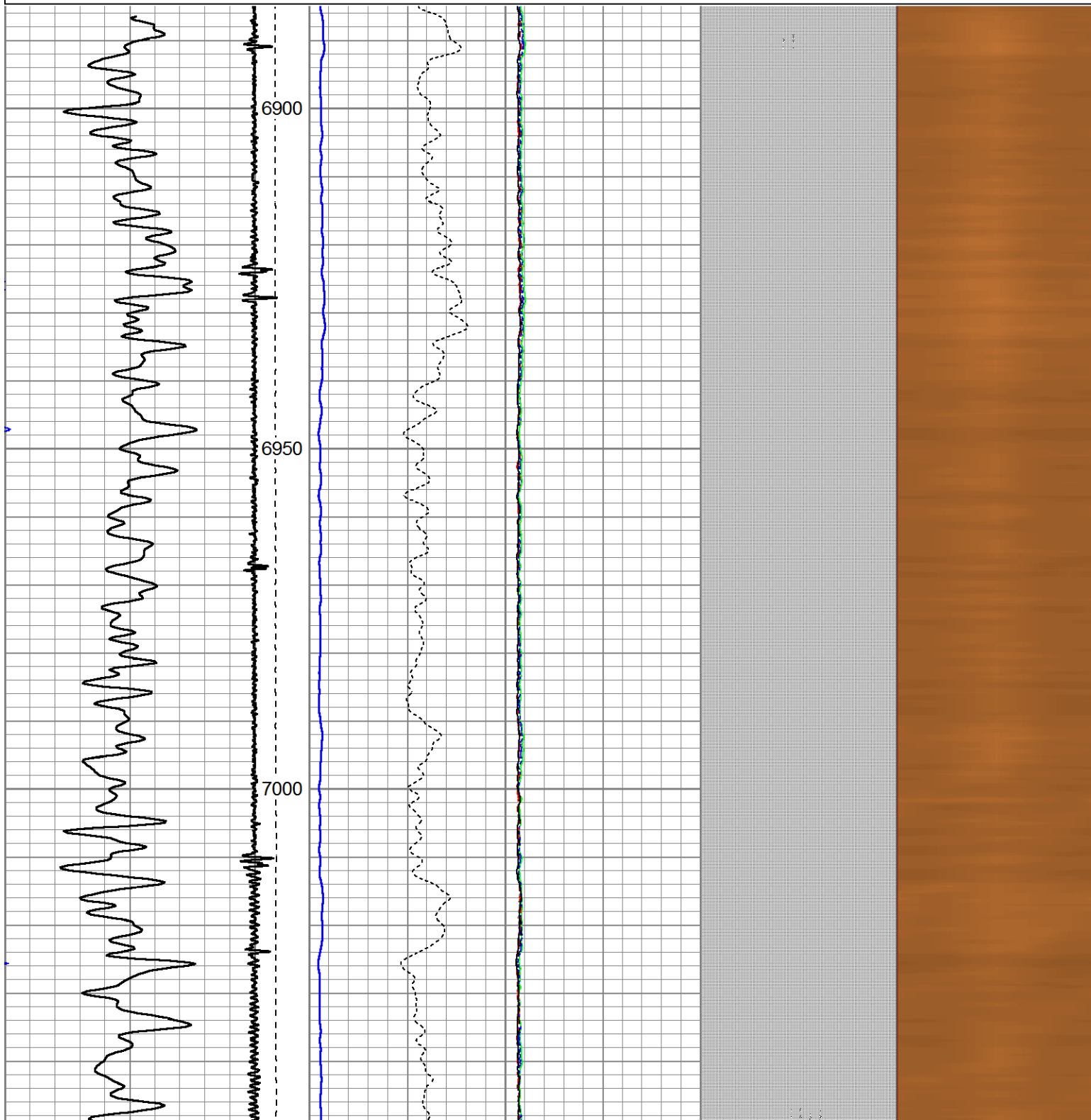




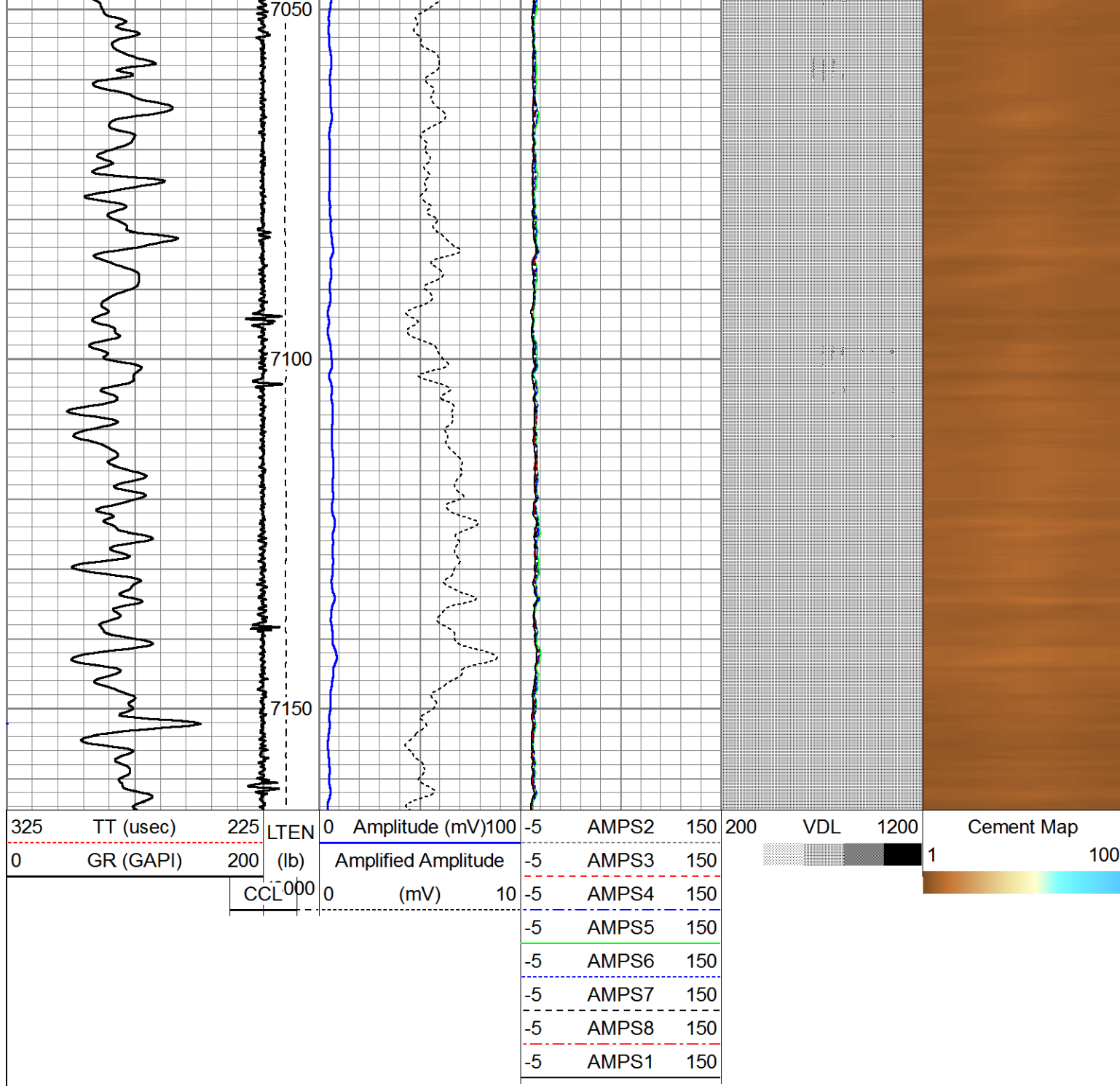


Database File: azur 002.d  
Dataset Pathname: pass10  
Presentation Format: rbl55  
Dataset Creation: Sun Jul 22 15:51:24 2018 by Log 7.0 B1  
Charted by: Depth in Feet scaled 1:240

325	TT (usec)	225	LTEN	0	Amplitude (mV)100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200	(lb)	Amplified Amplitude		-5	AMPS3	150				
			CCL000	0	(mV)	10	-5	AMPS4	150			
							-5	AMPS5	150			
							-5	AMPS6	150			
							-5	AMPS7	150			
							-5	AMPS8	150			
							-5	AMPS1	150			







Company ANADARKO  
 Well AZUL 13-33HZ  
 Field WATTENBERG  
 County WELD  
 State CO