



RADIAL BOND LOG
GAMMA RAY
CCL

Company ANADARKO
Well AZUL 13-32HZ
Field WATTENBERG
County WELD State CO

Location: API #: 05-123-46102
LAT: 40.046042 LONG: -104.726215
SHL: 730' 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 13,024'
Depth Logger 7150'
Bottom Logged Interval 7150'
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 12:30
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	1925'
Prot. String				
Production String	5.5"	17#	SURFACE	13,014'
Liner				

<<< Fold Here >>>

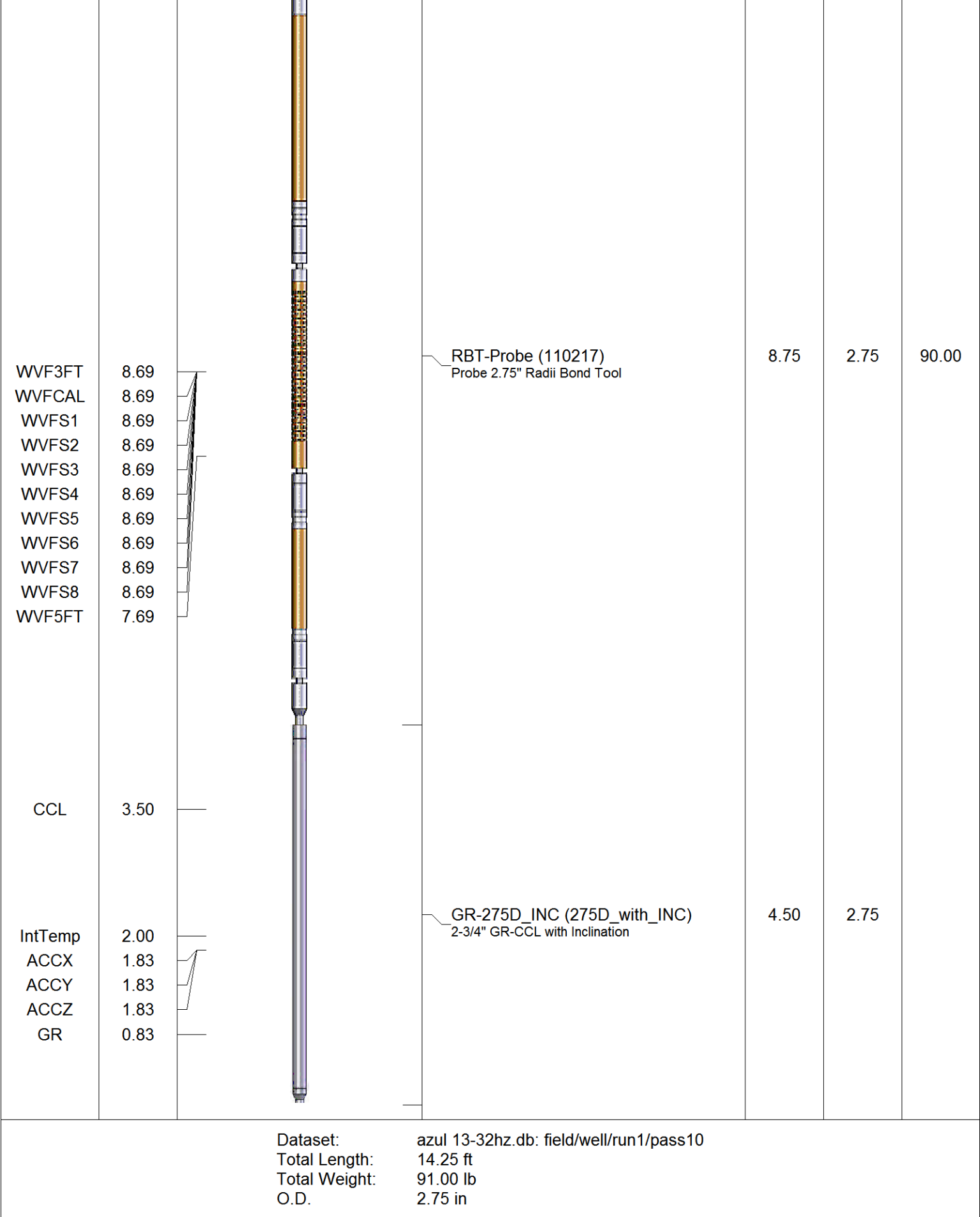
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

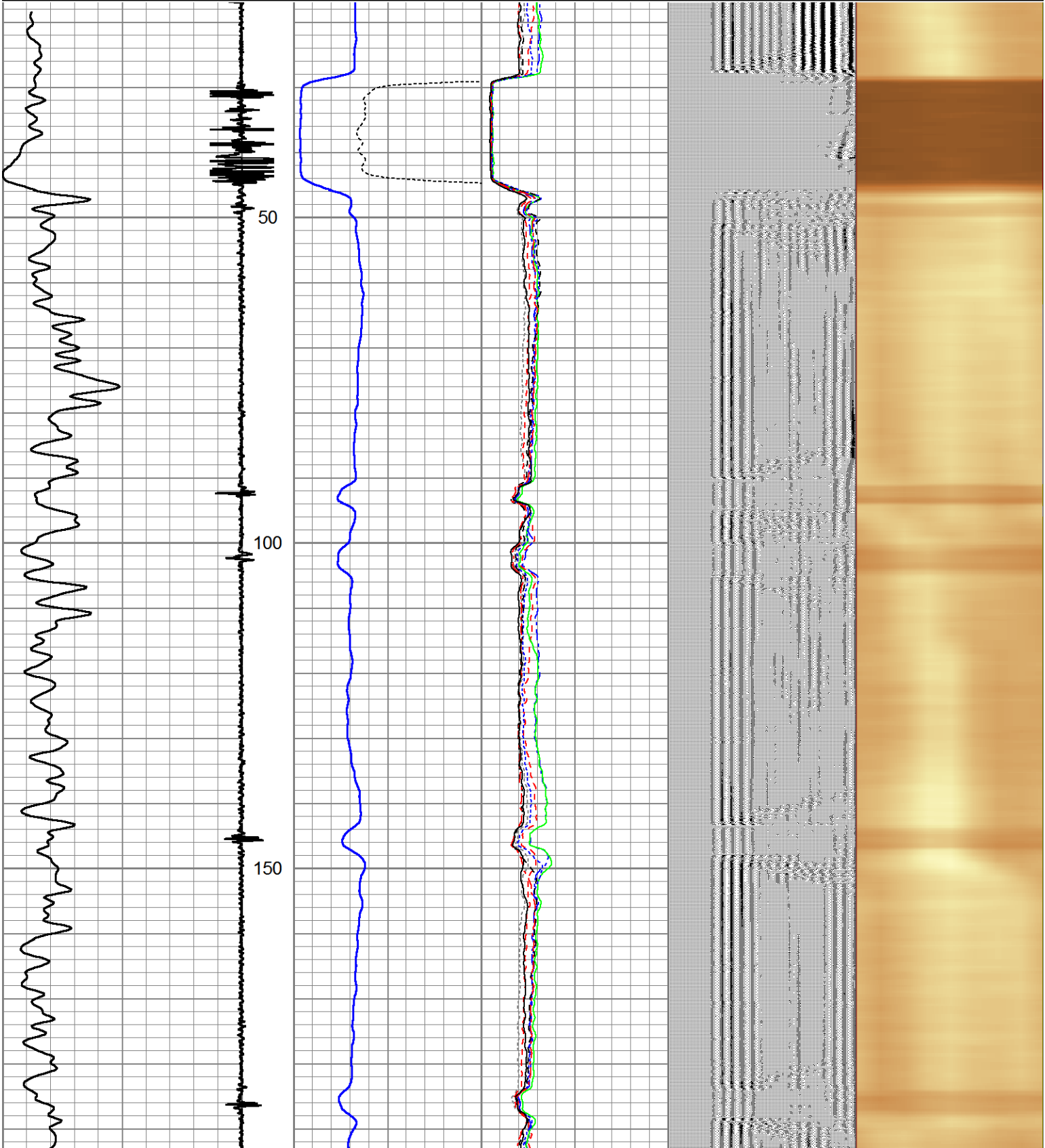
NOT CORRELATED TO ANOTHER LOG
CORRELATED TO MARKER JOINT @ 7116'
LOGGED UNDER 2800 PSI

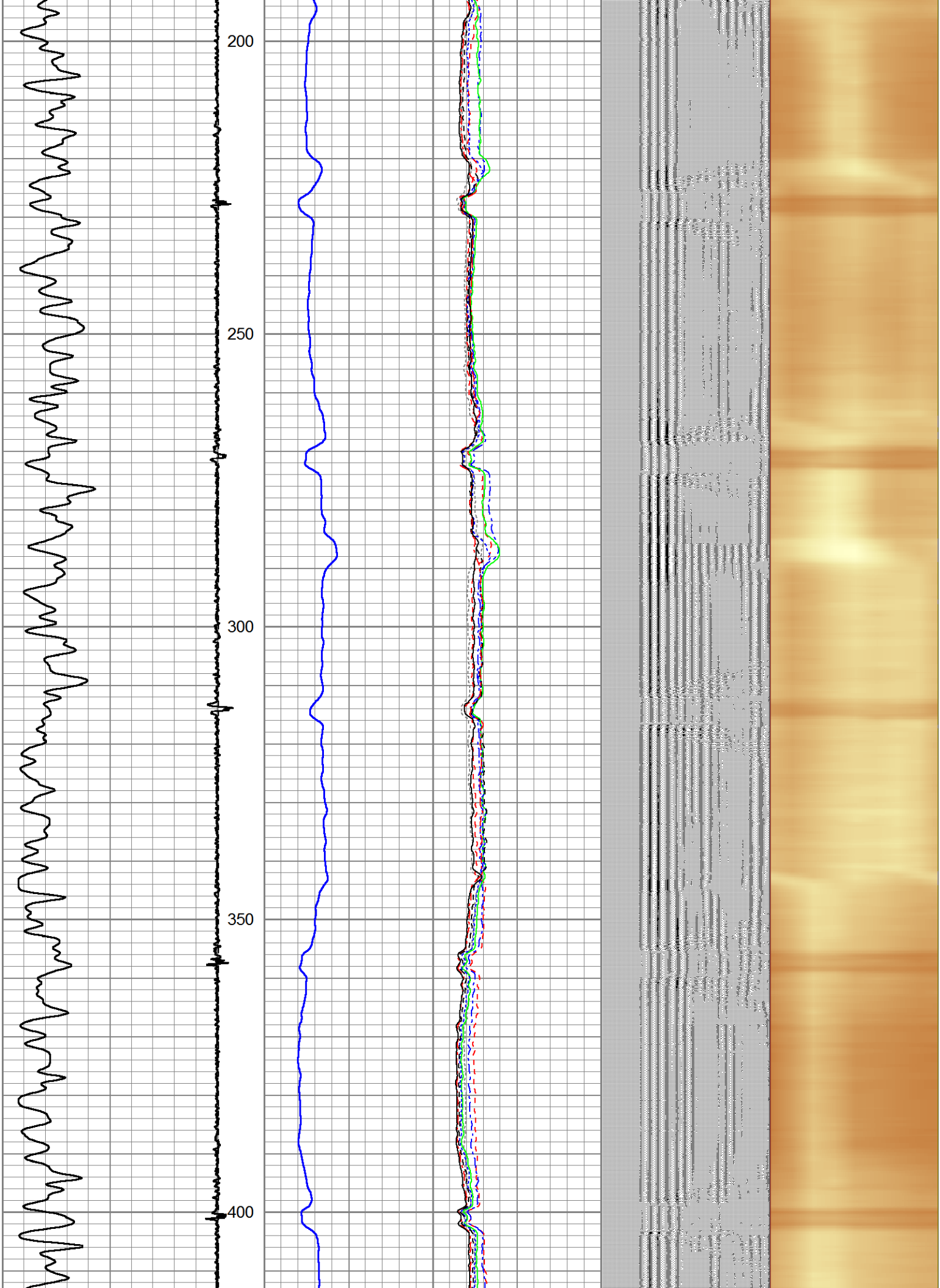
THANK YOU FOR USING CUTTERS WIRELINE

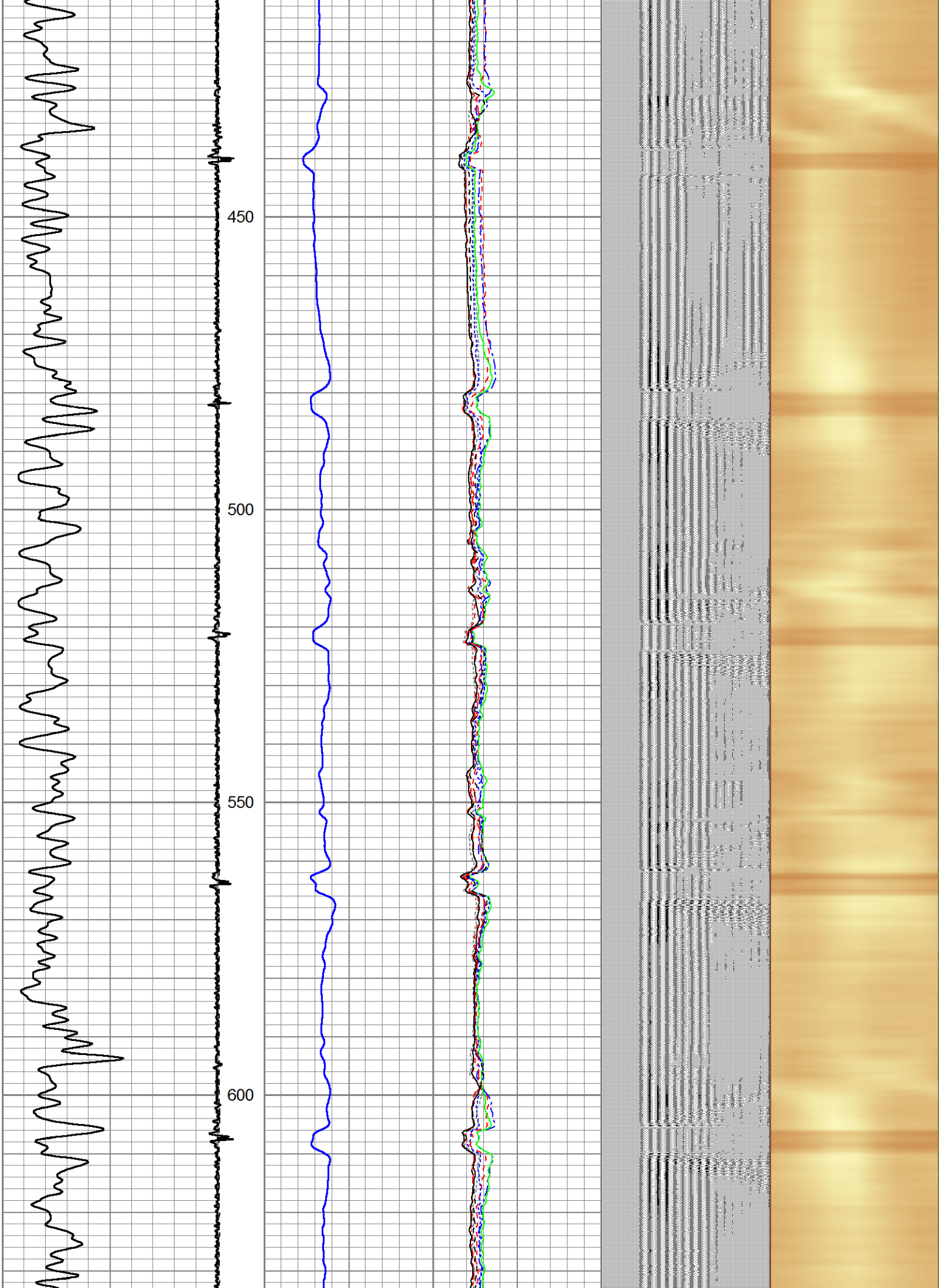
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Titan 1 7/16" Cable Head	1.00	1.44	1.00

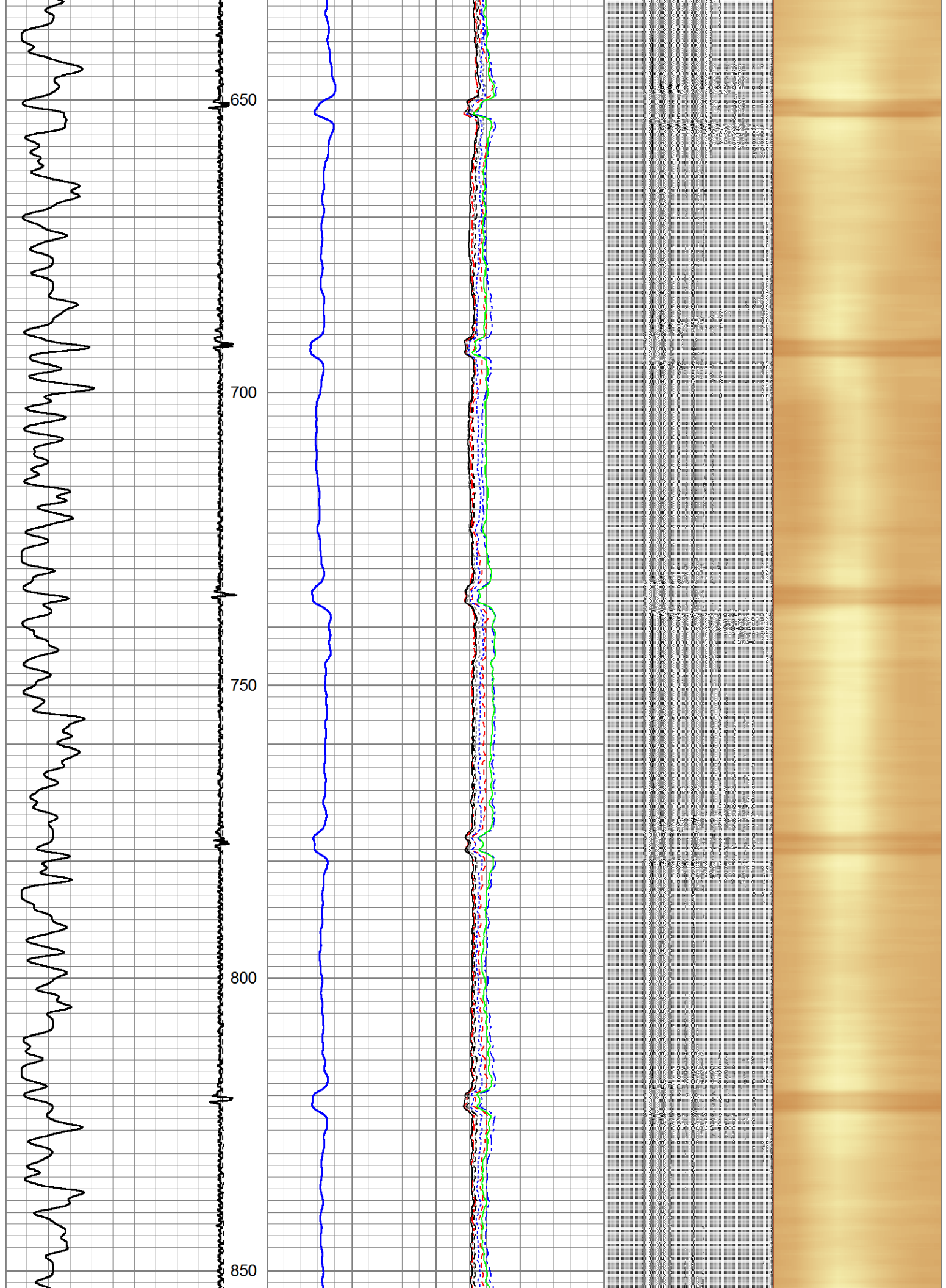


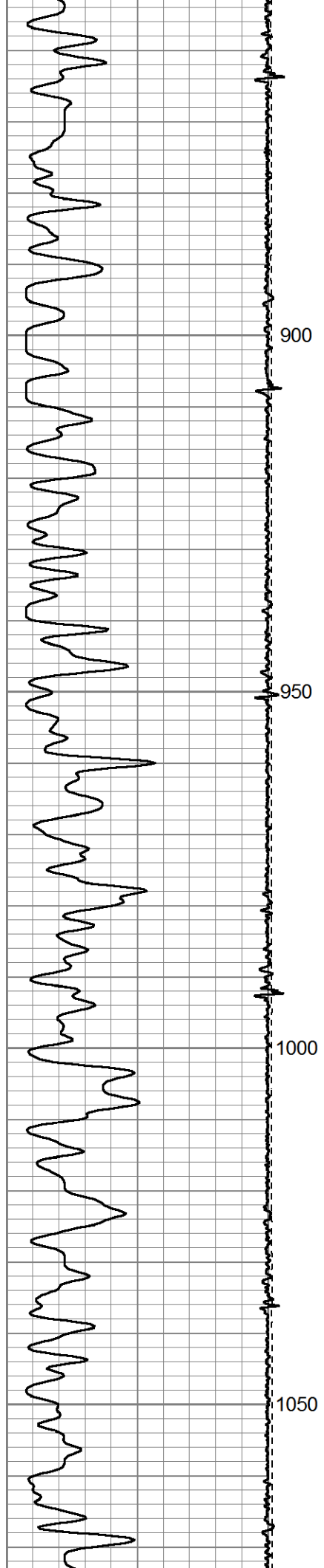
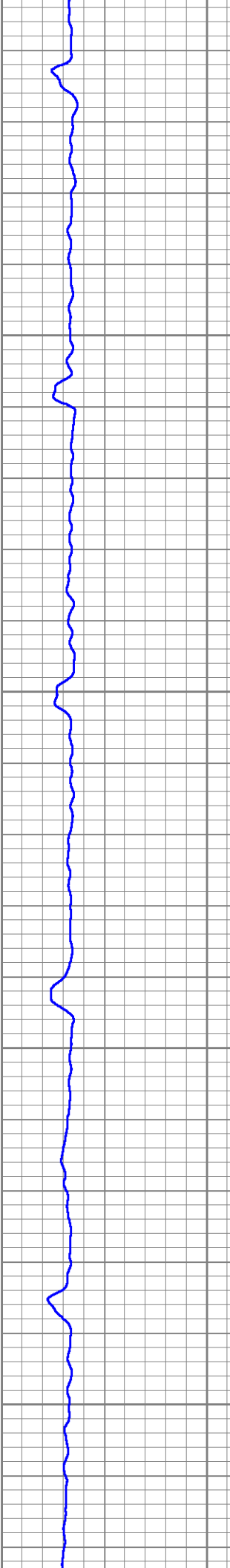
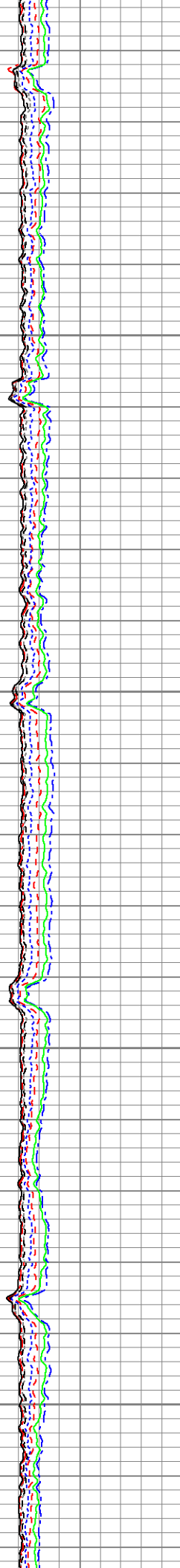
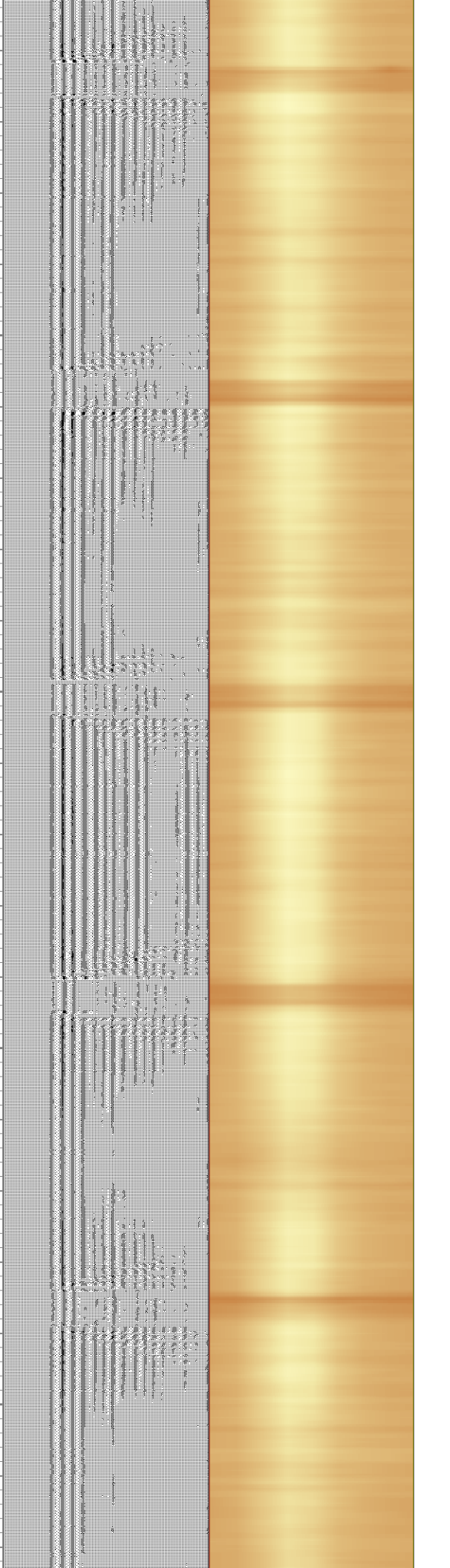
Charted by:		Depth in Feet scaled 1.240											
325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200	(lb)		Amplified Amplitude		-5	AMPS3	150				
			CCL	000	0	(mV)	10	-5	AMPS4	150			
								-5	AMPS5	150			
								-5	AMPS6	150			
								-5	AMPS7	150			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

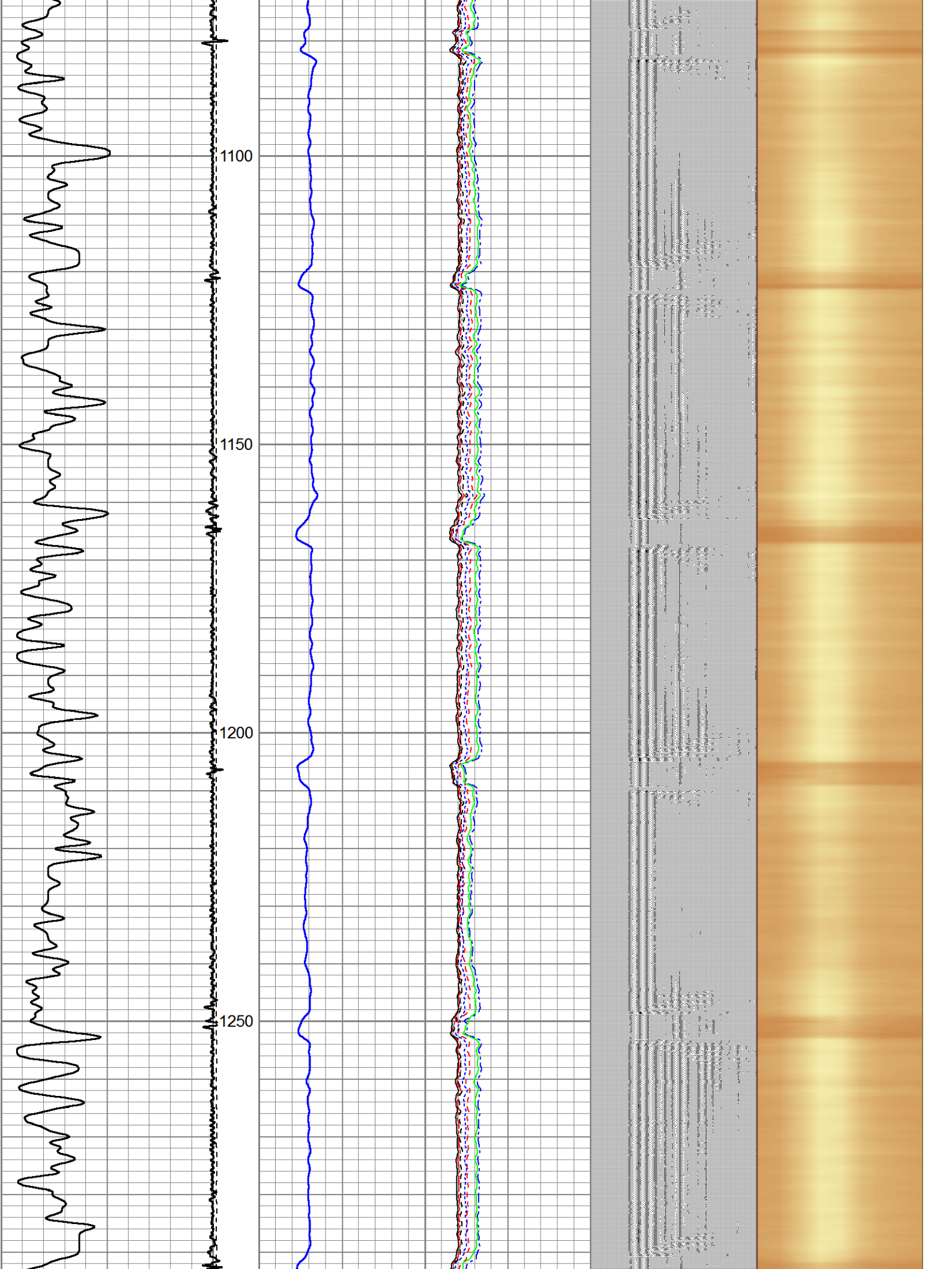


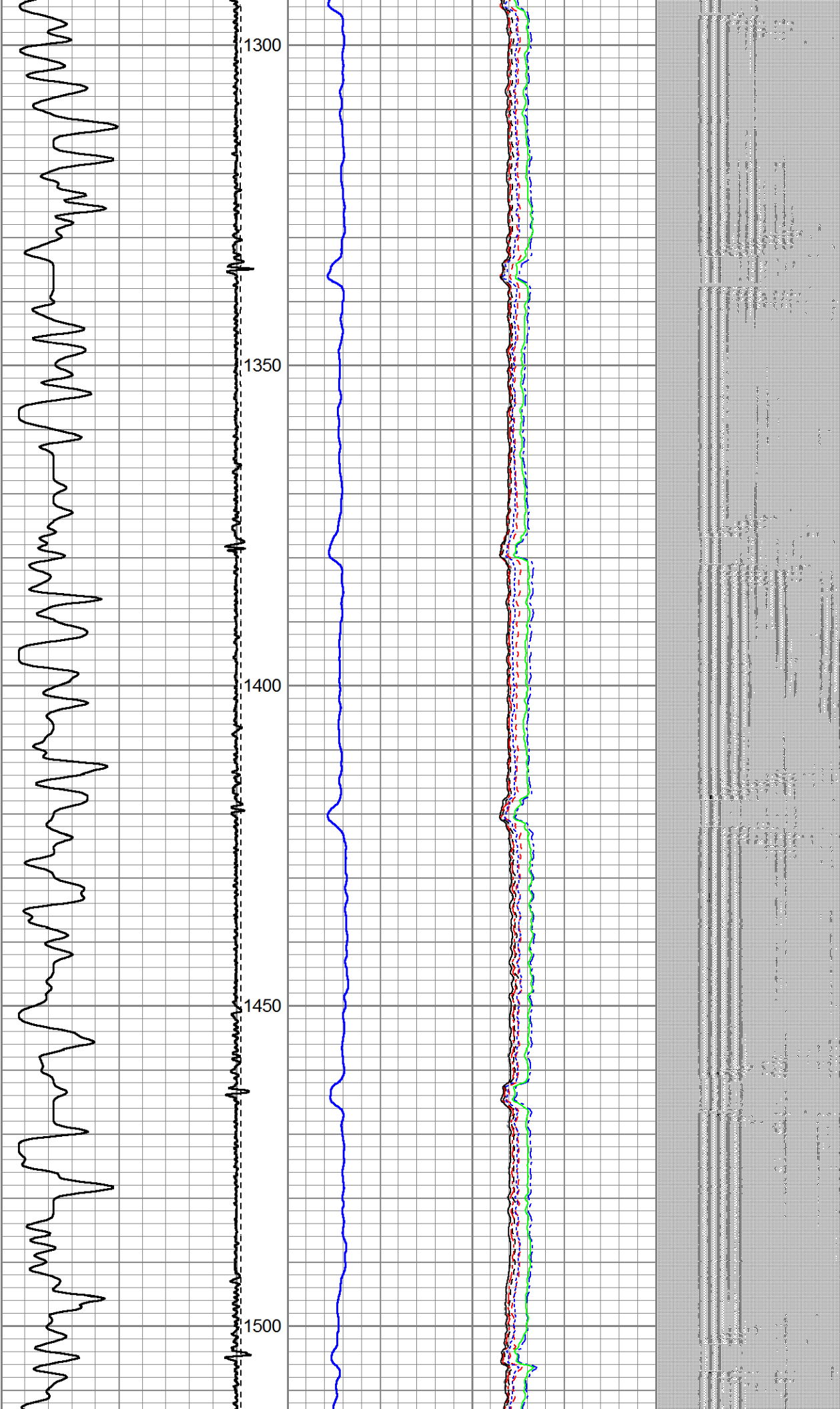


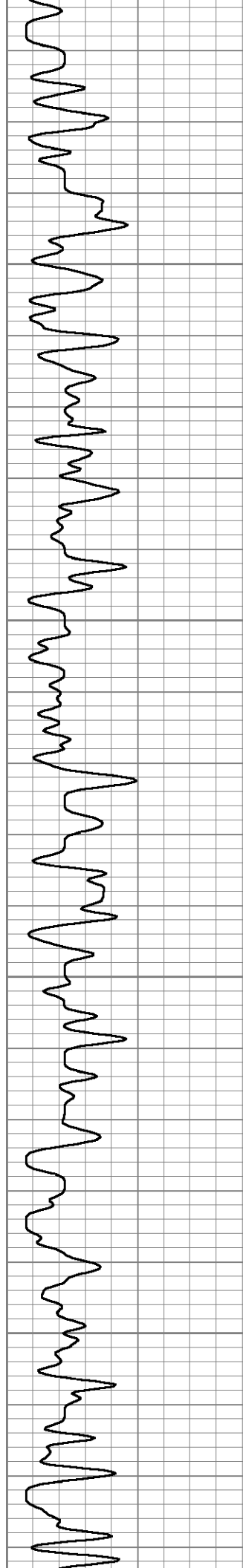
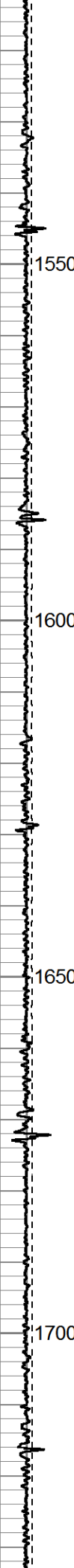
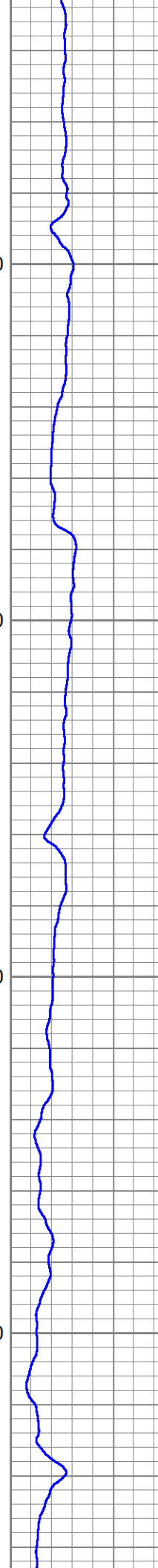
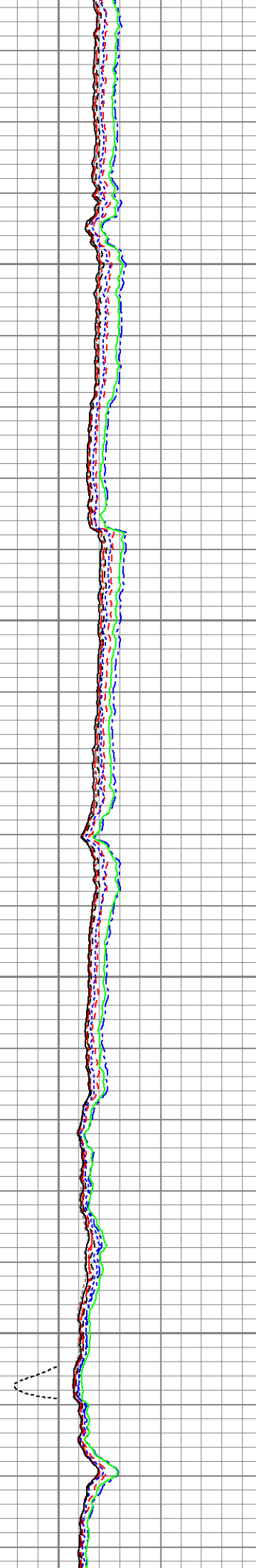


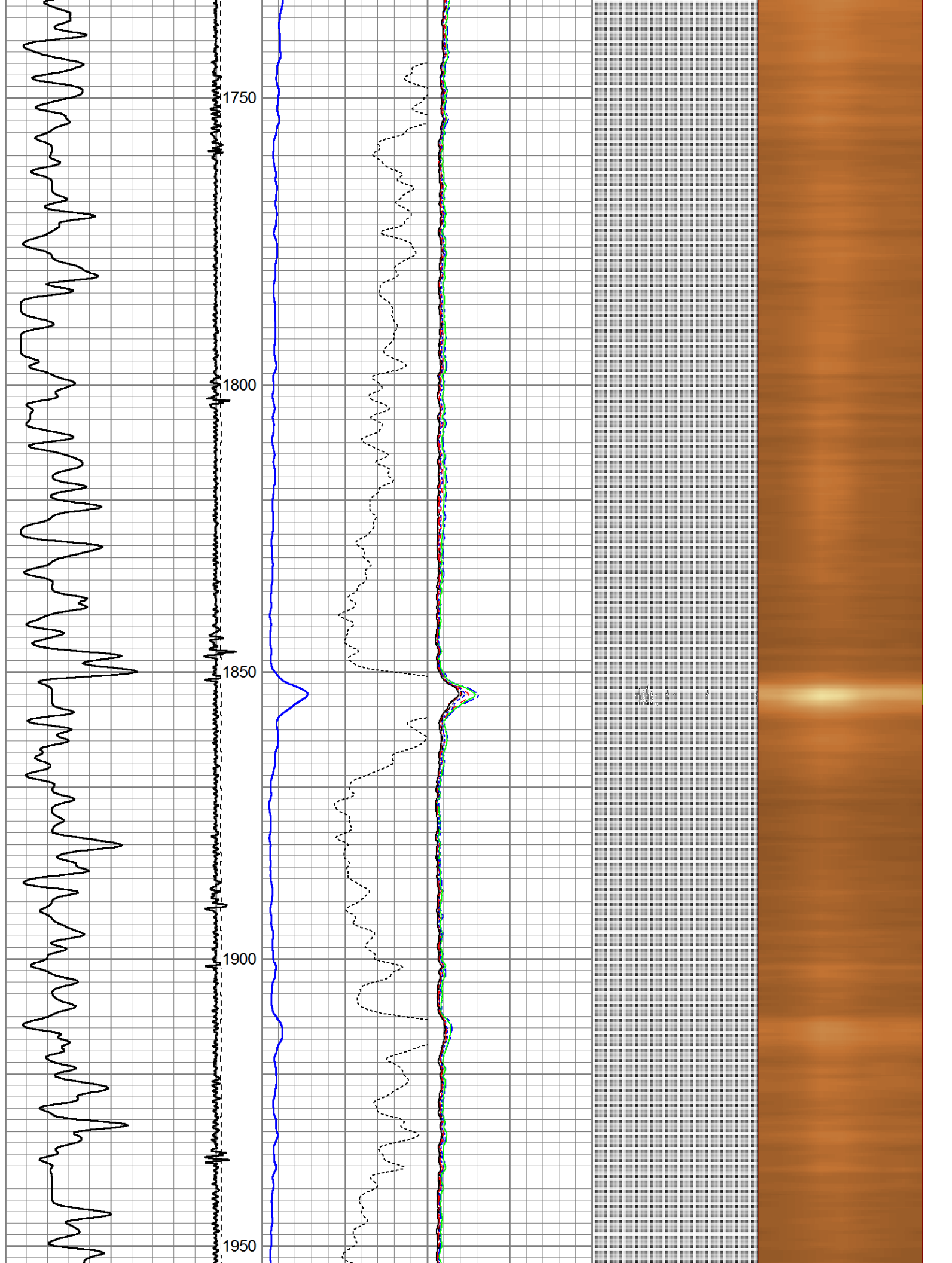


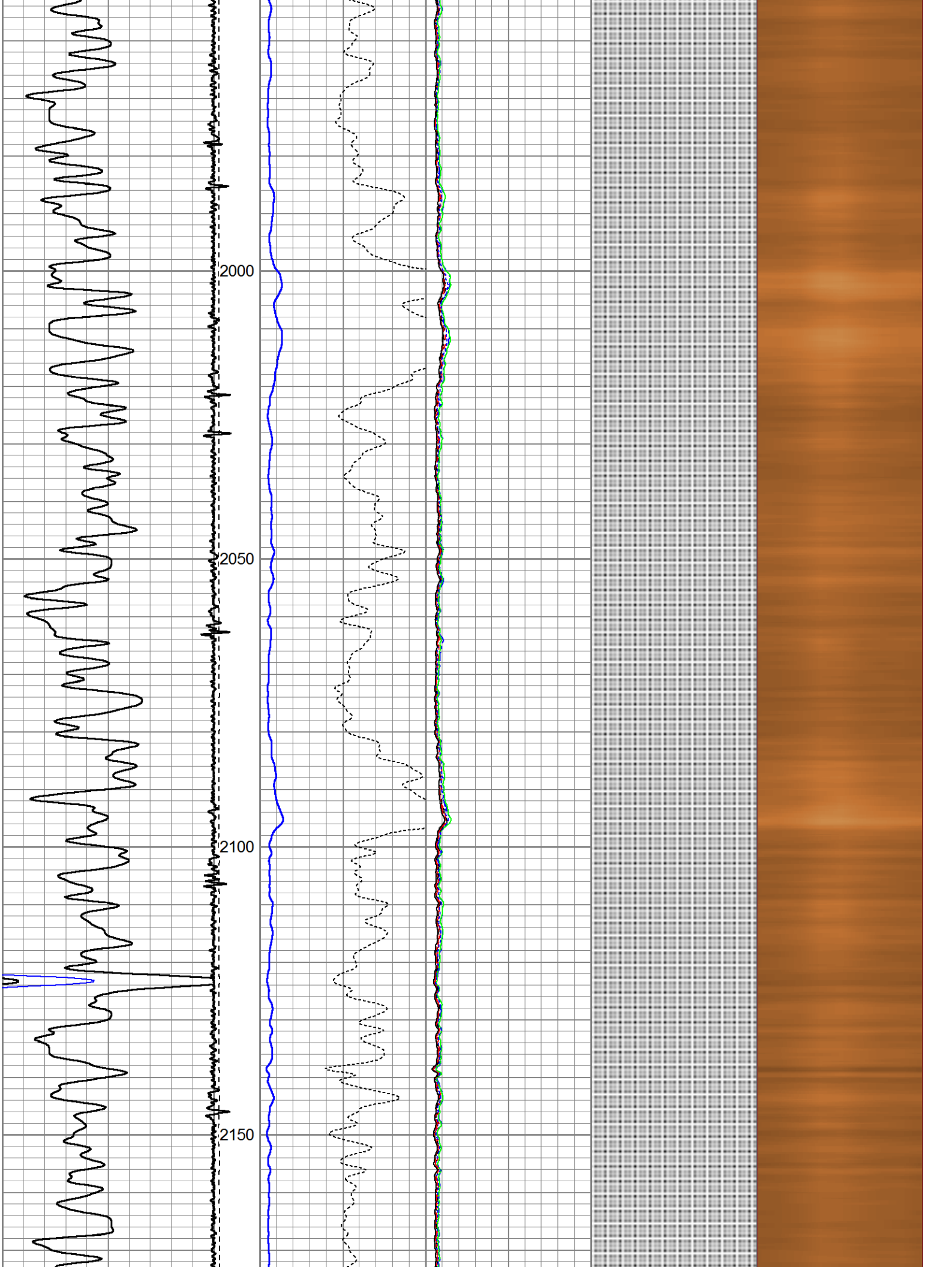


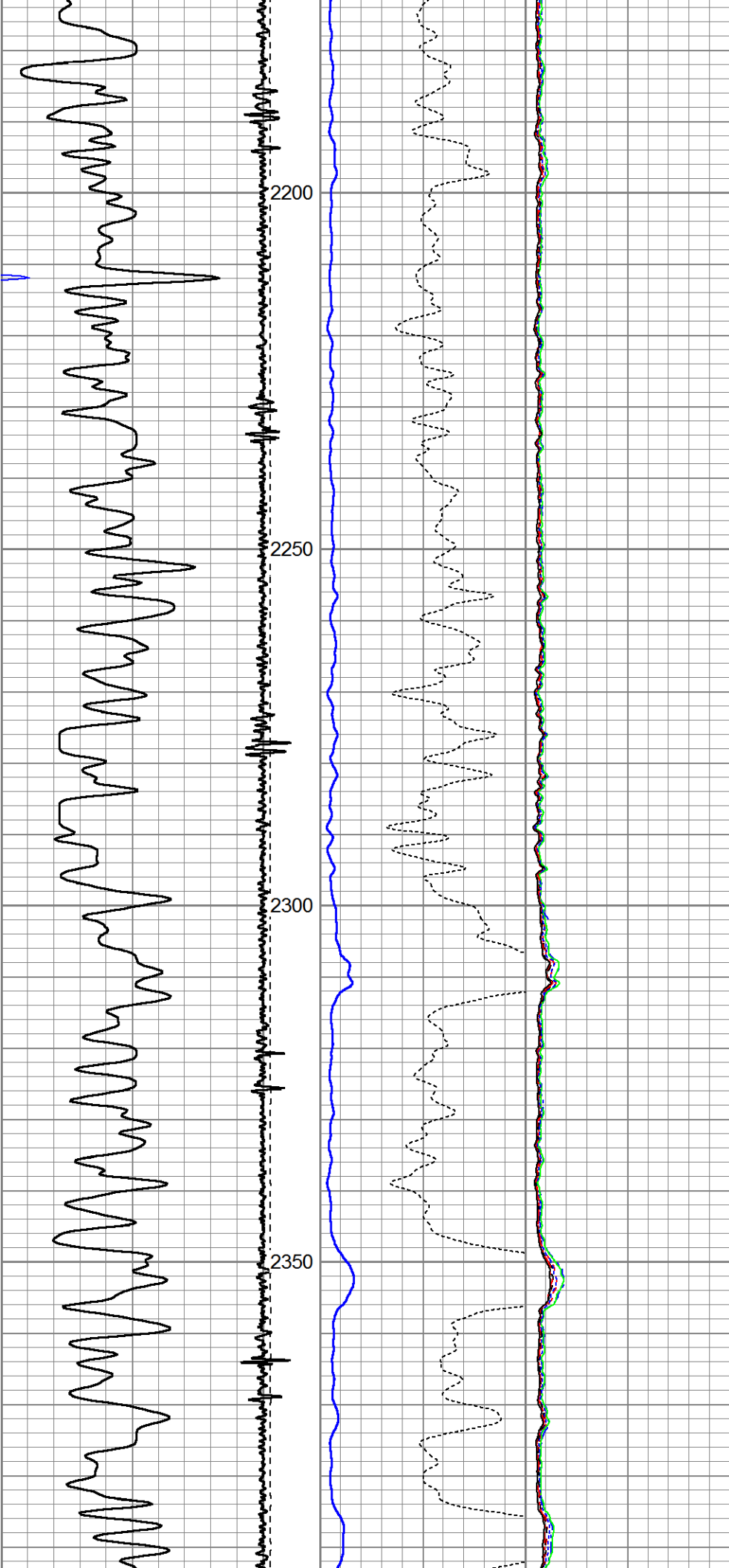


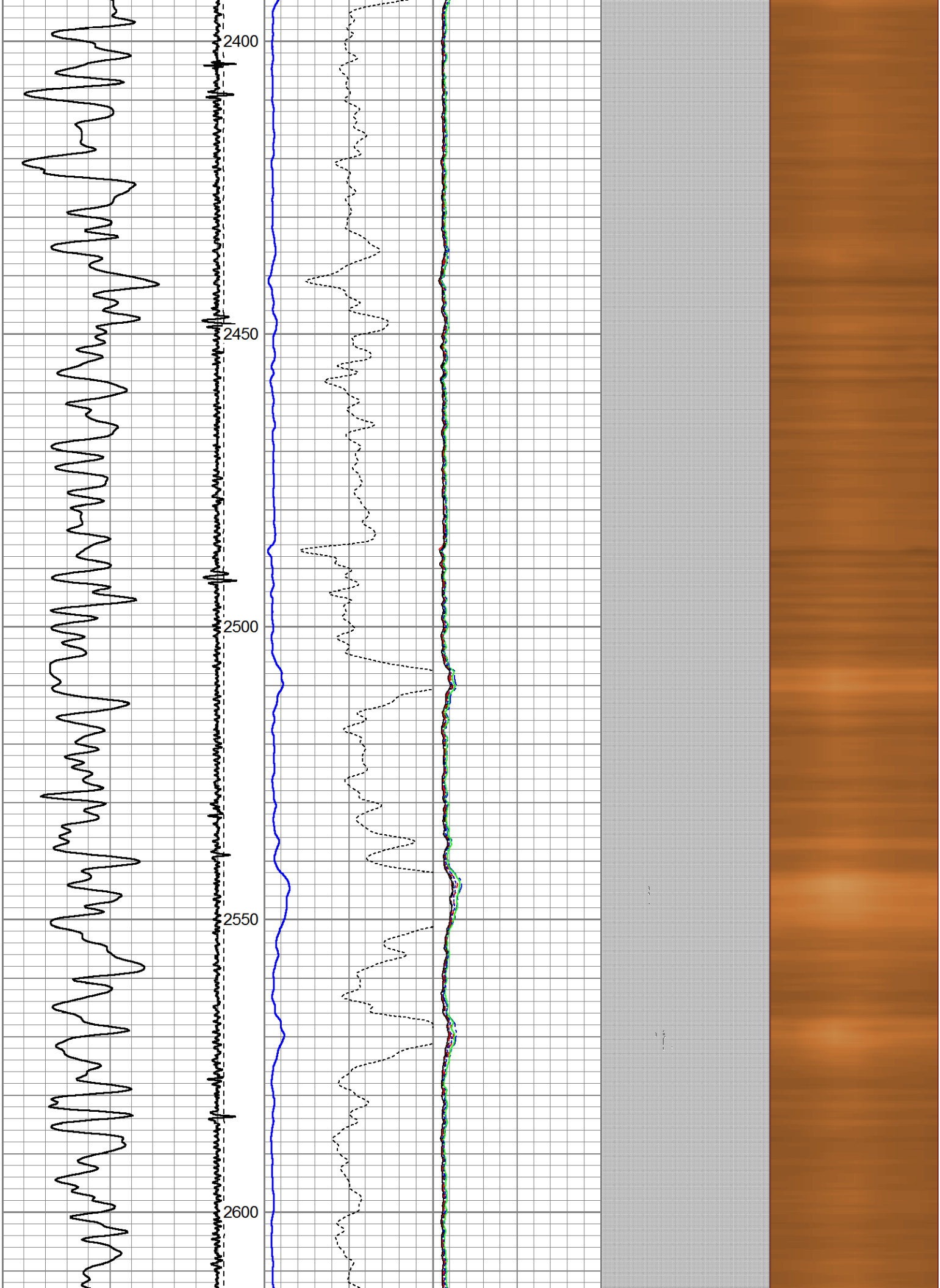


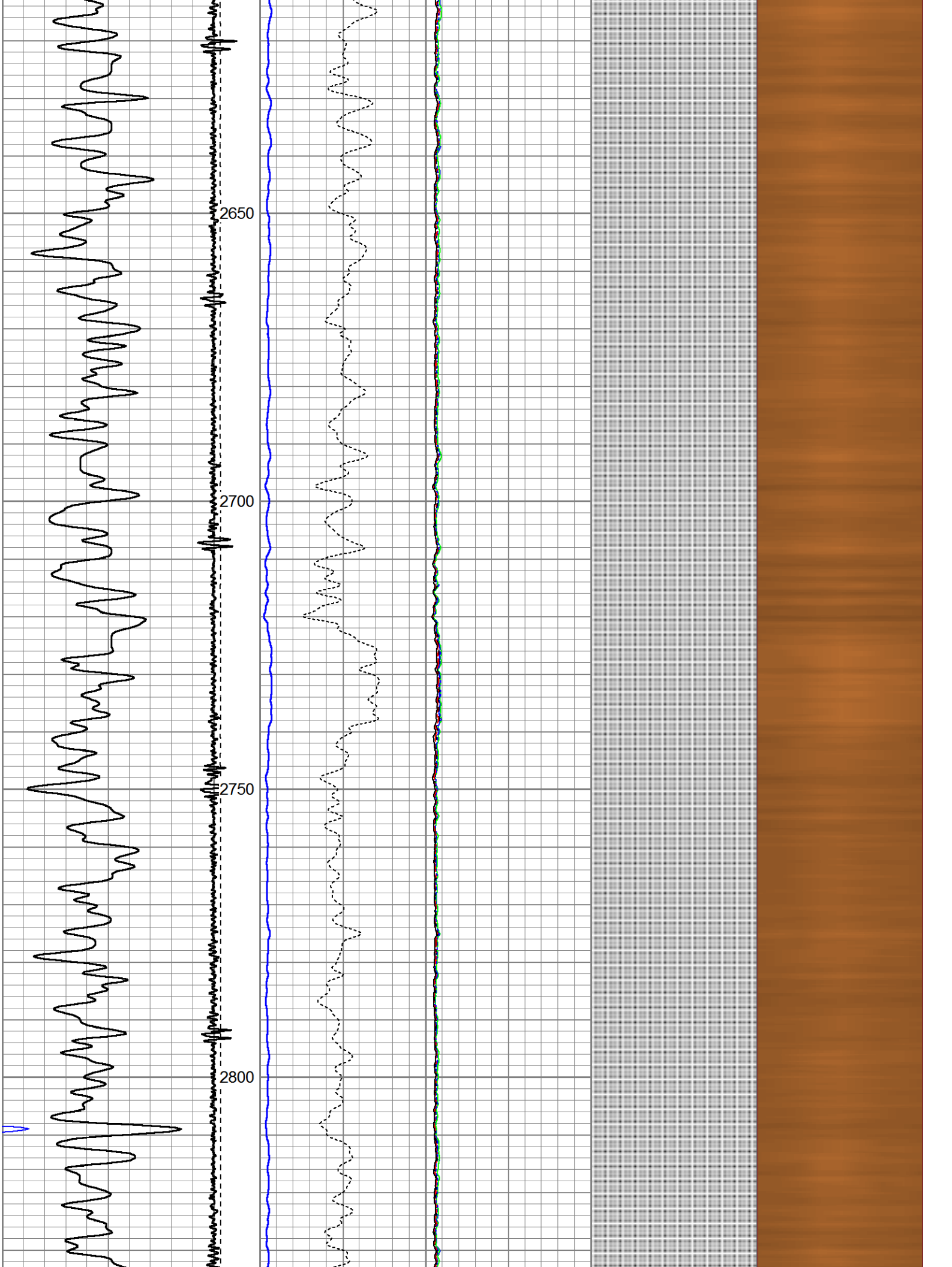


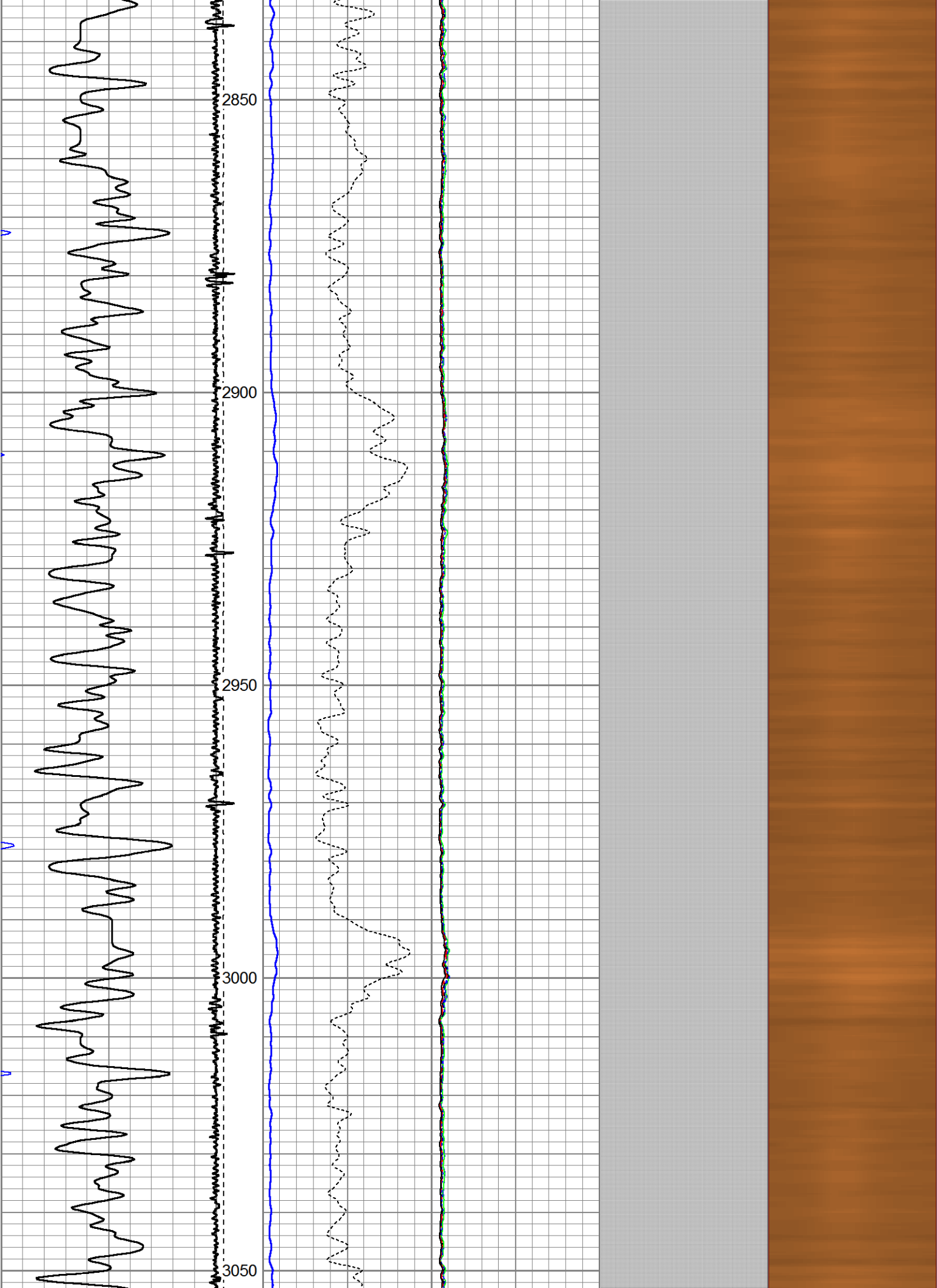


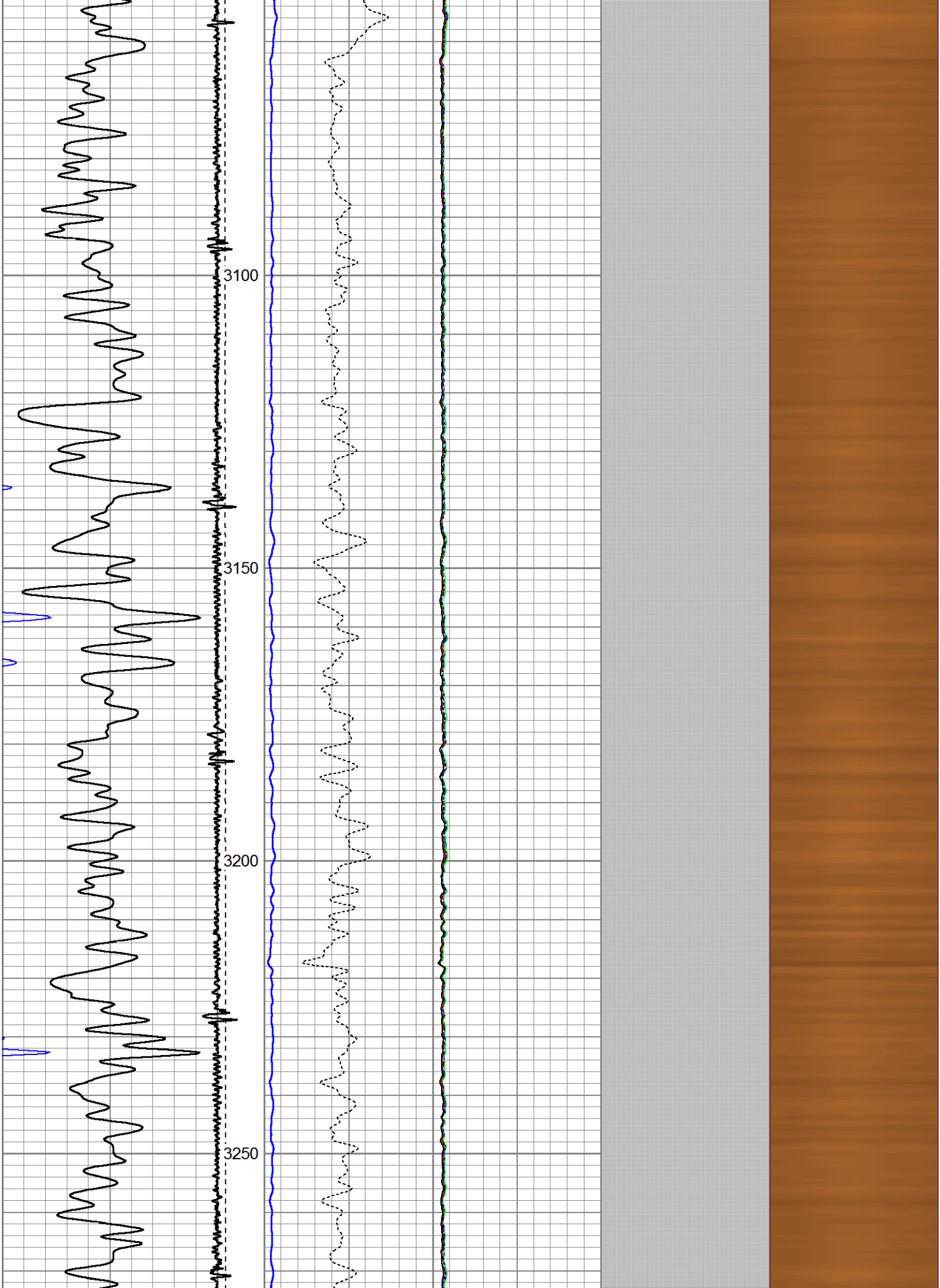


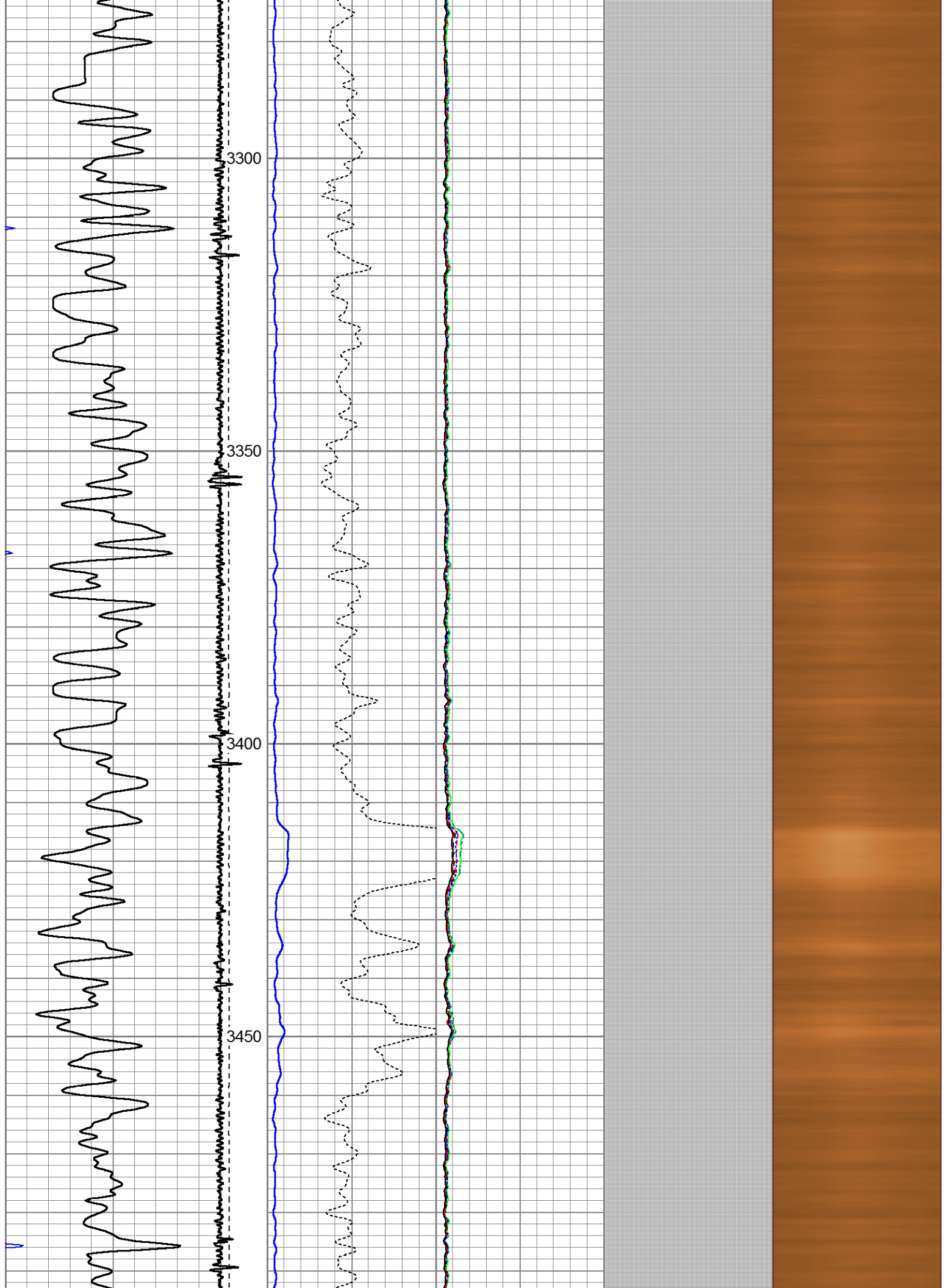


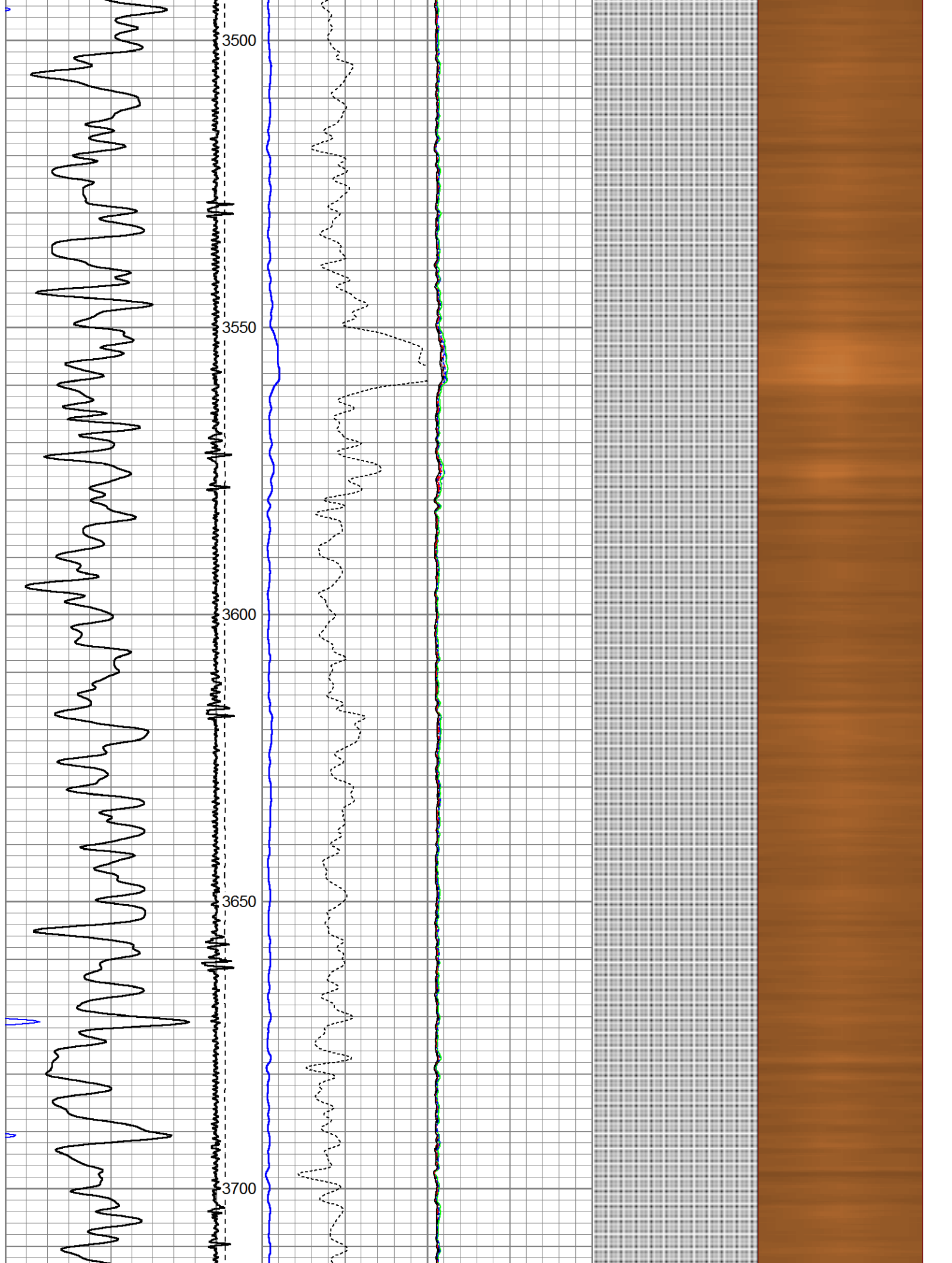


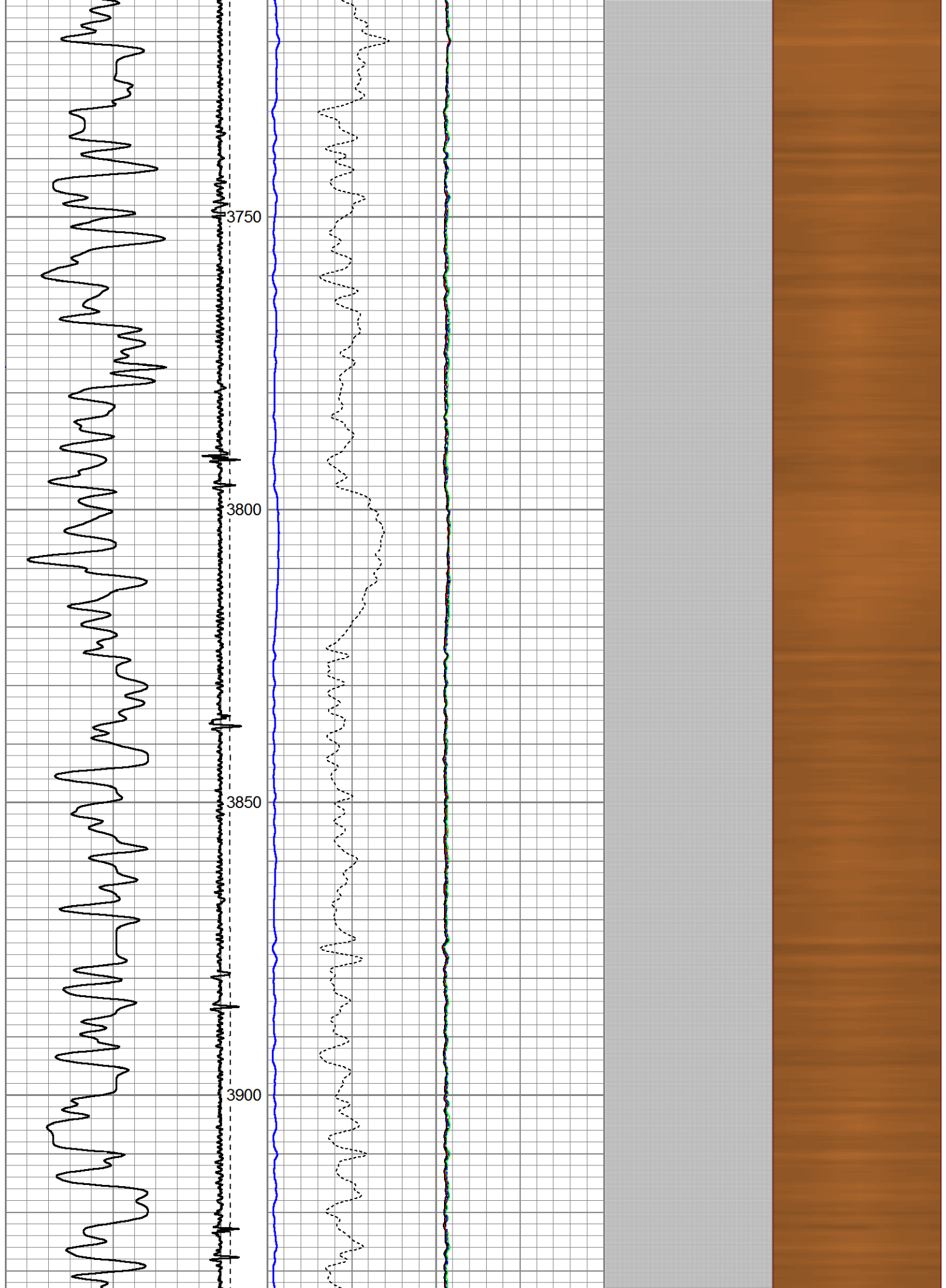


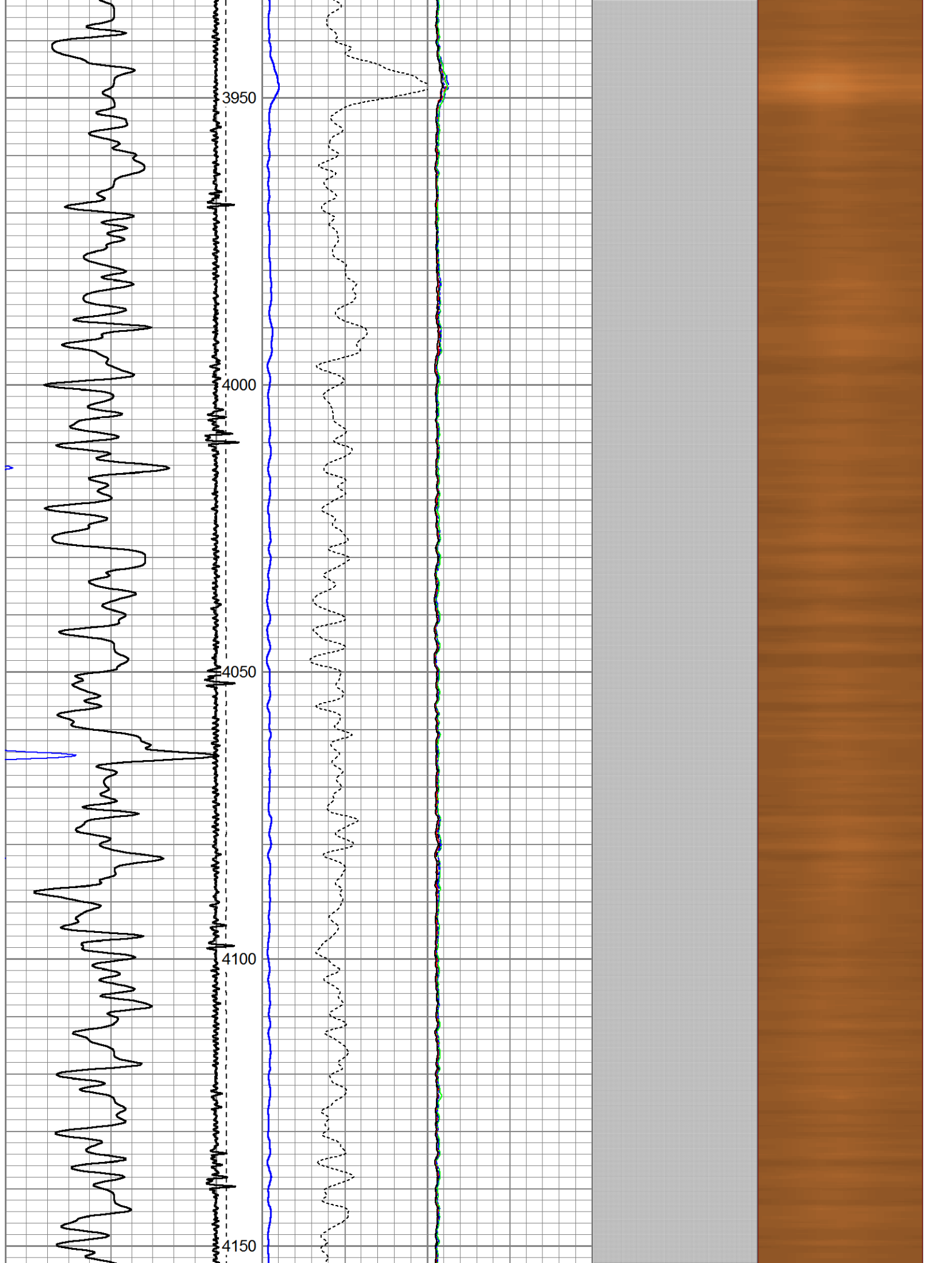


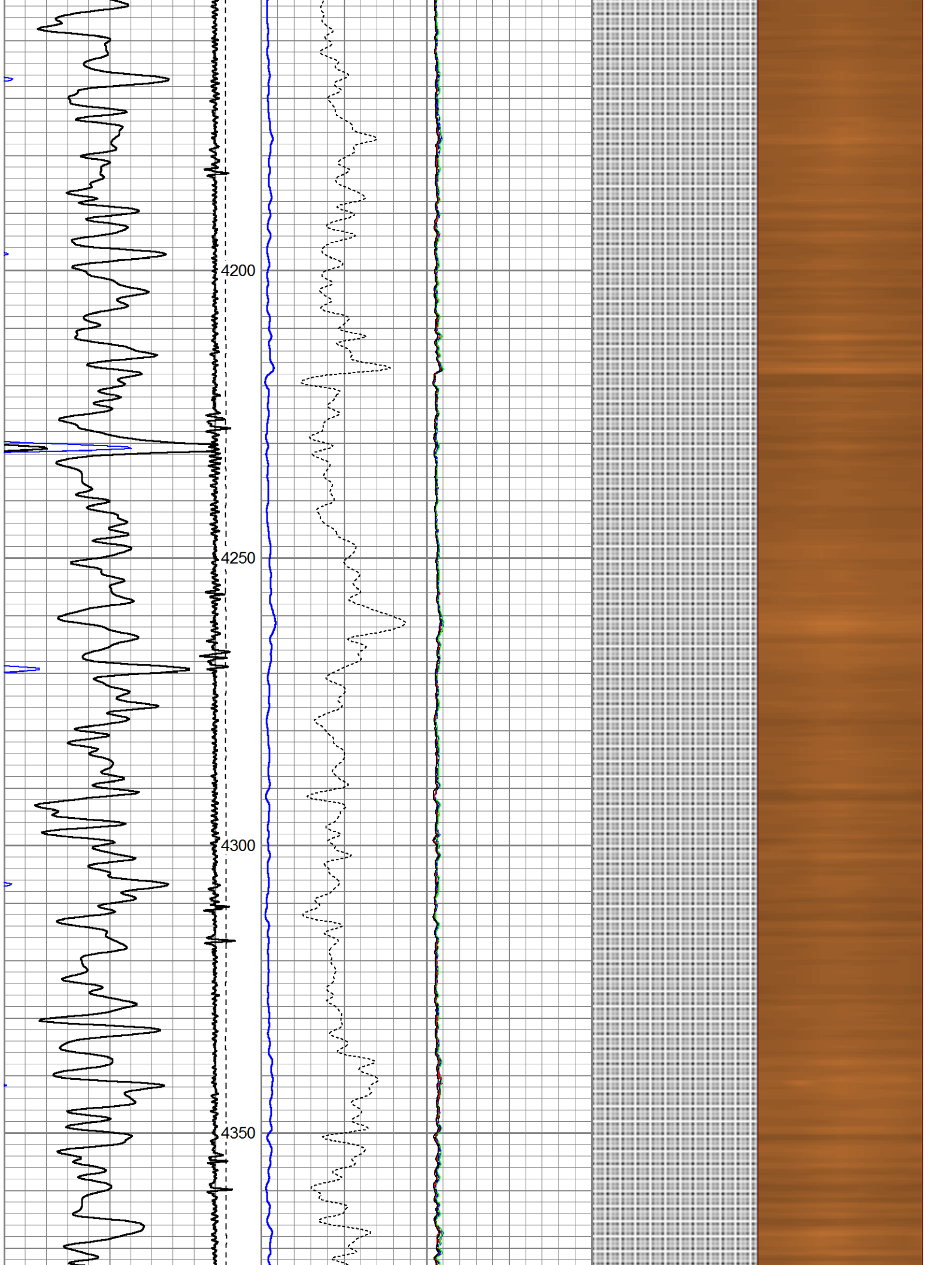


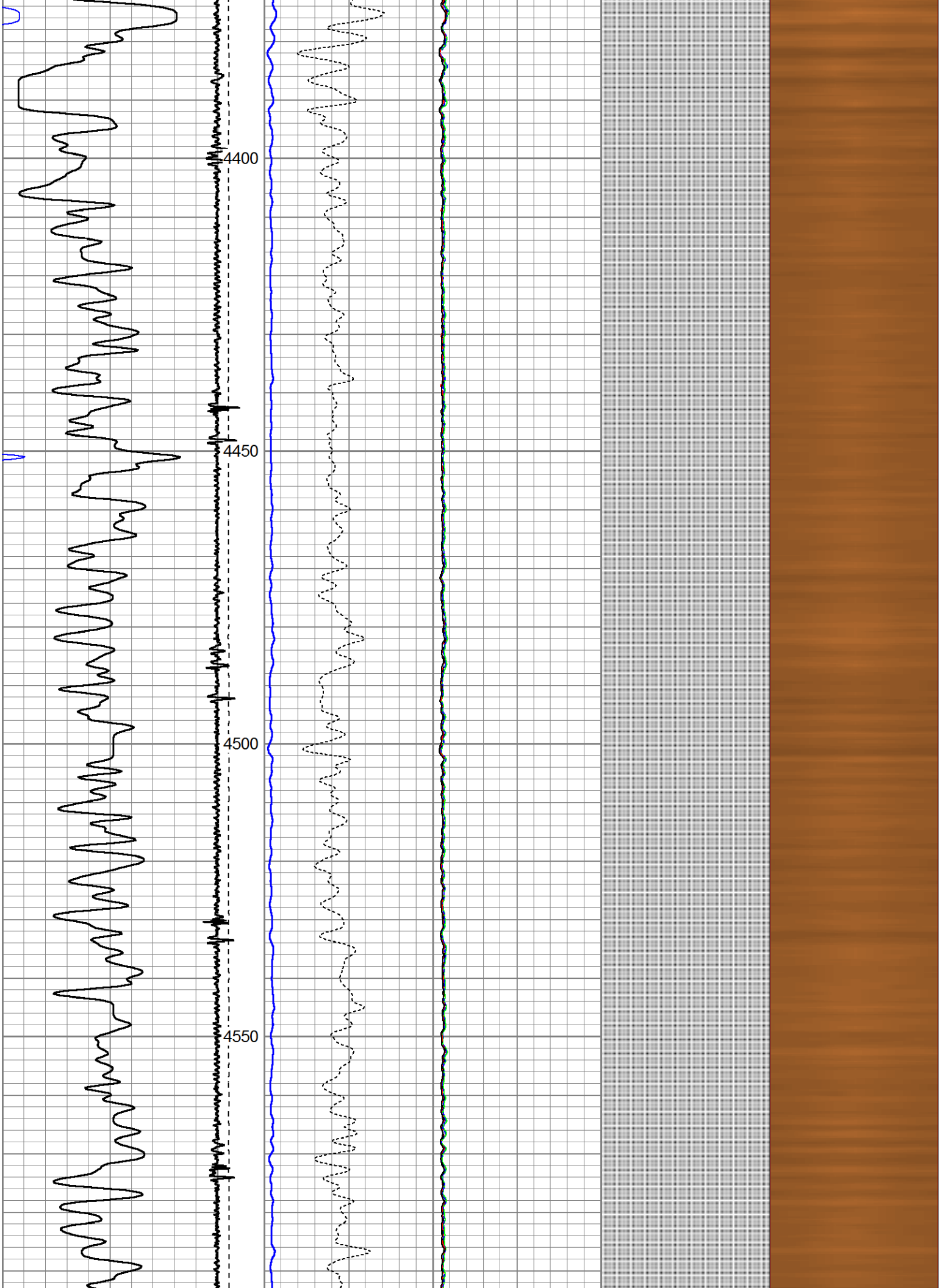


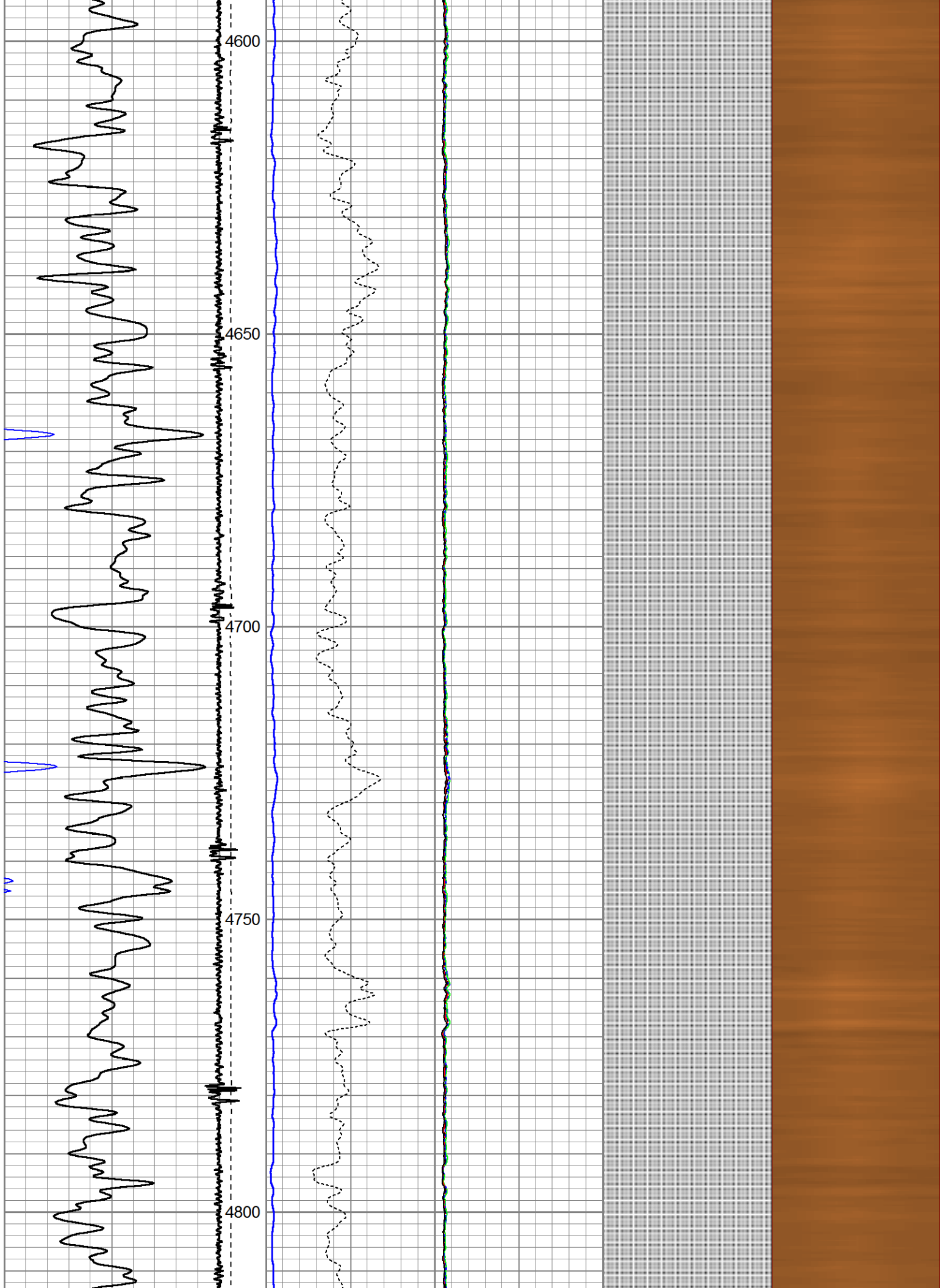


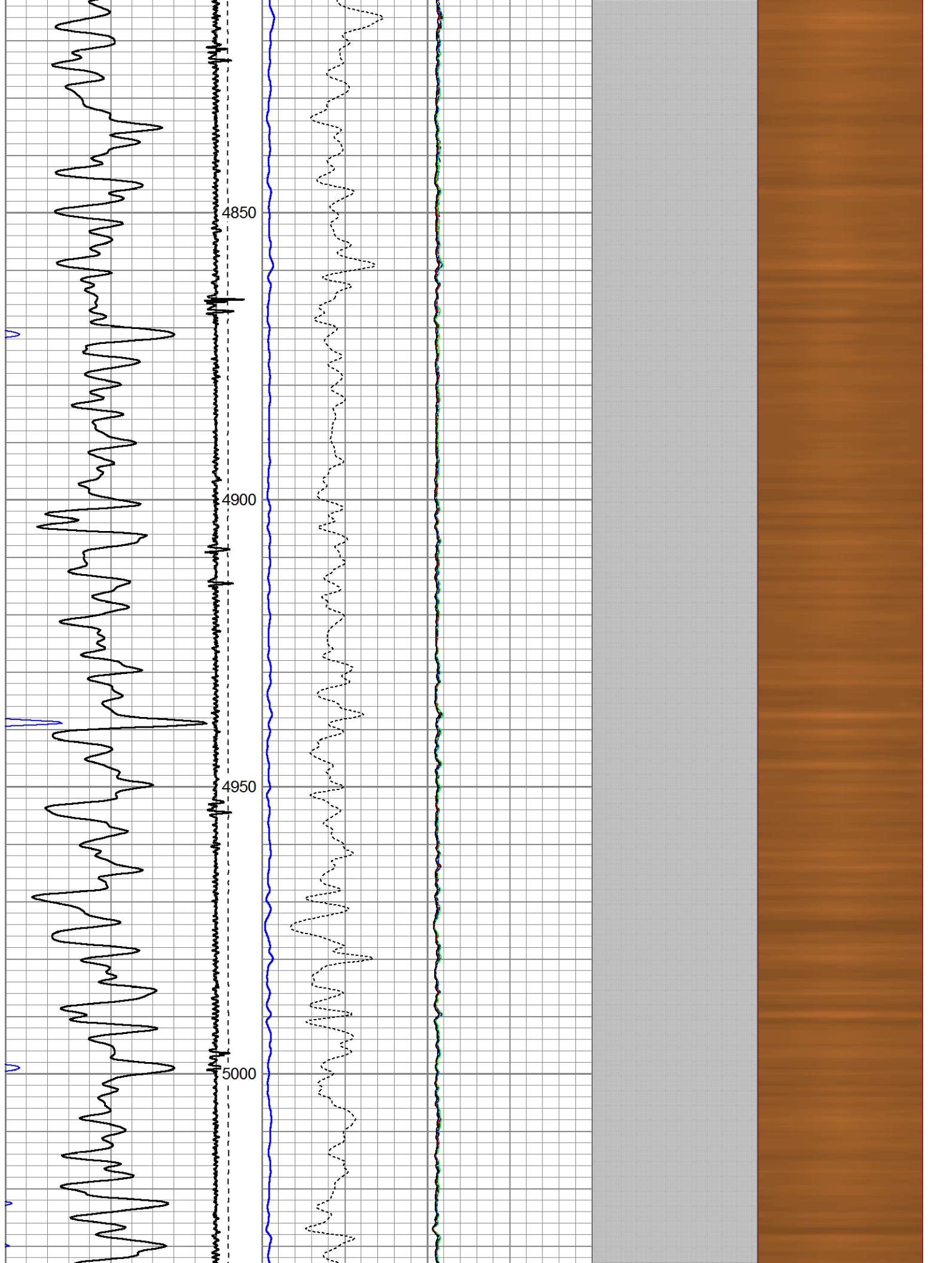


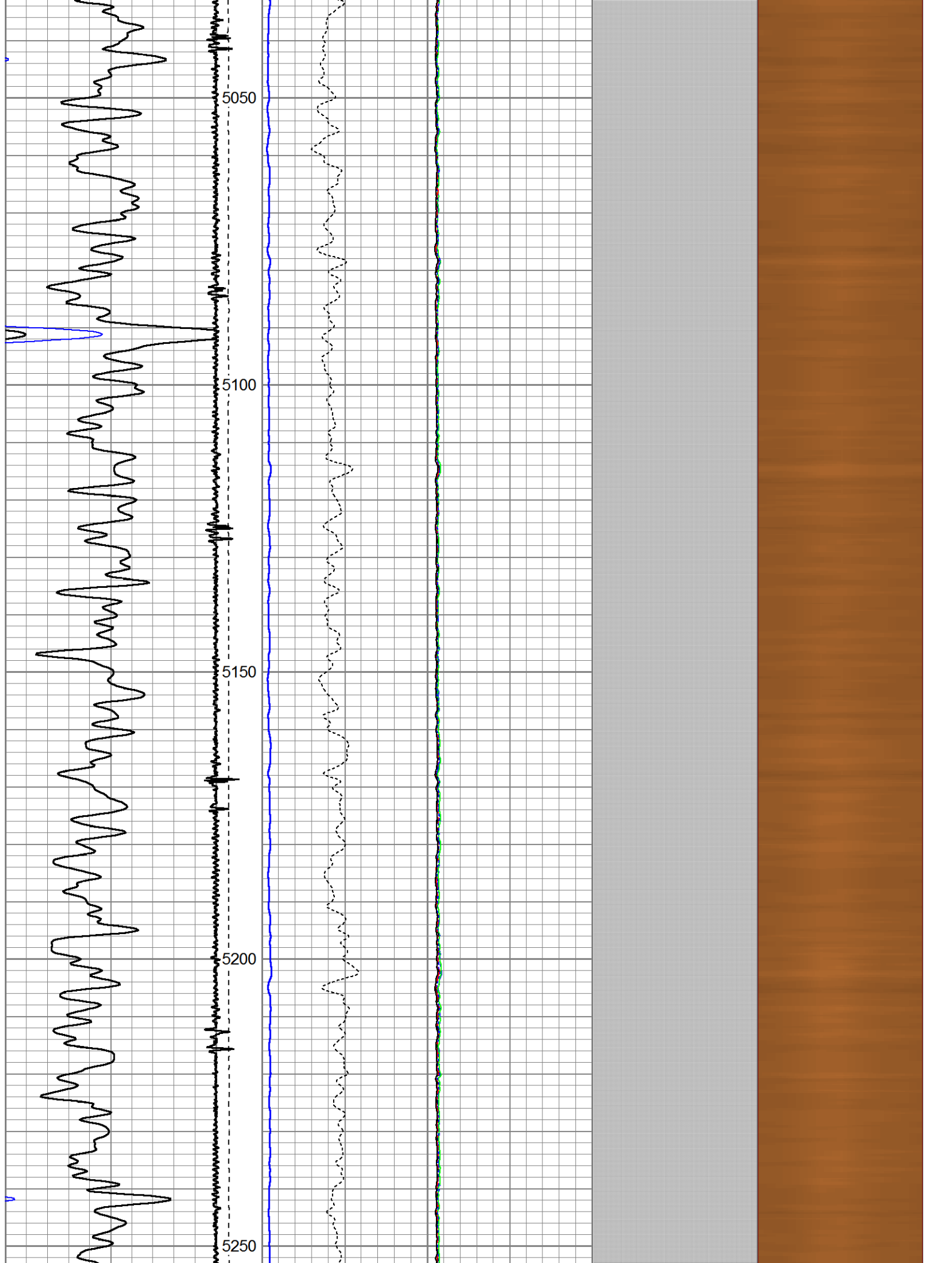


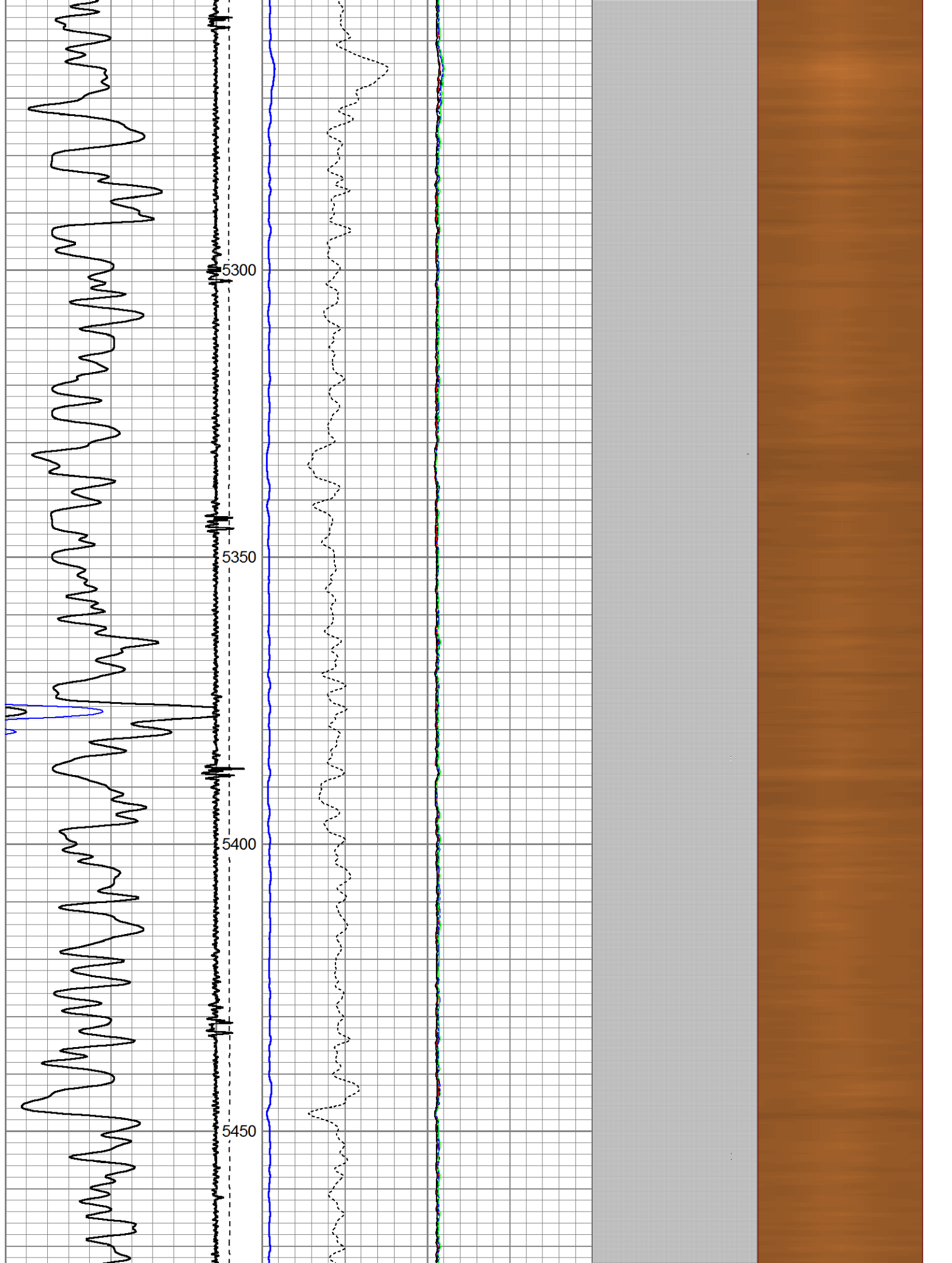


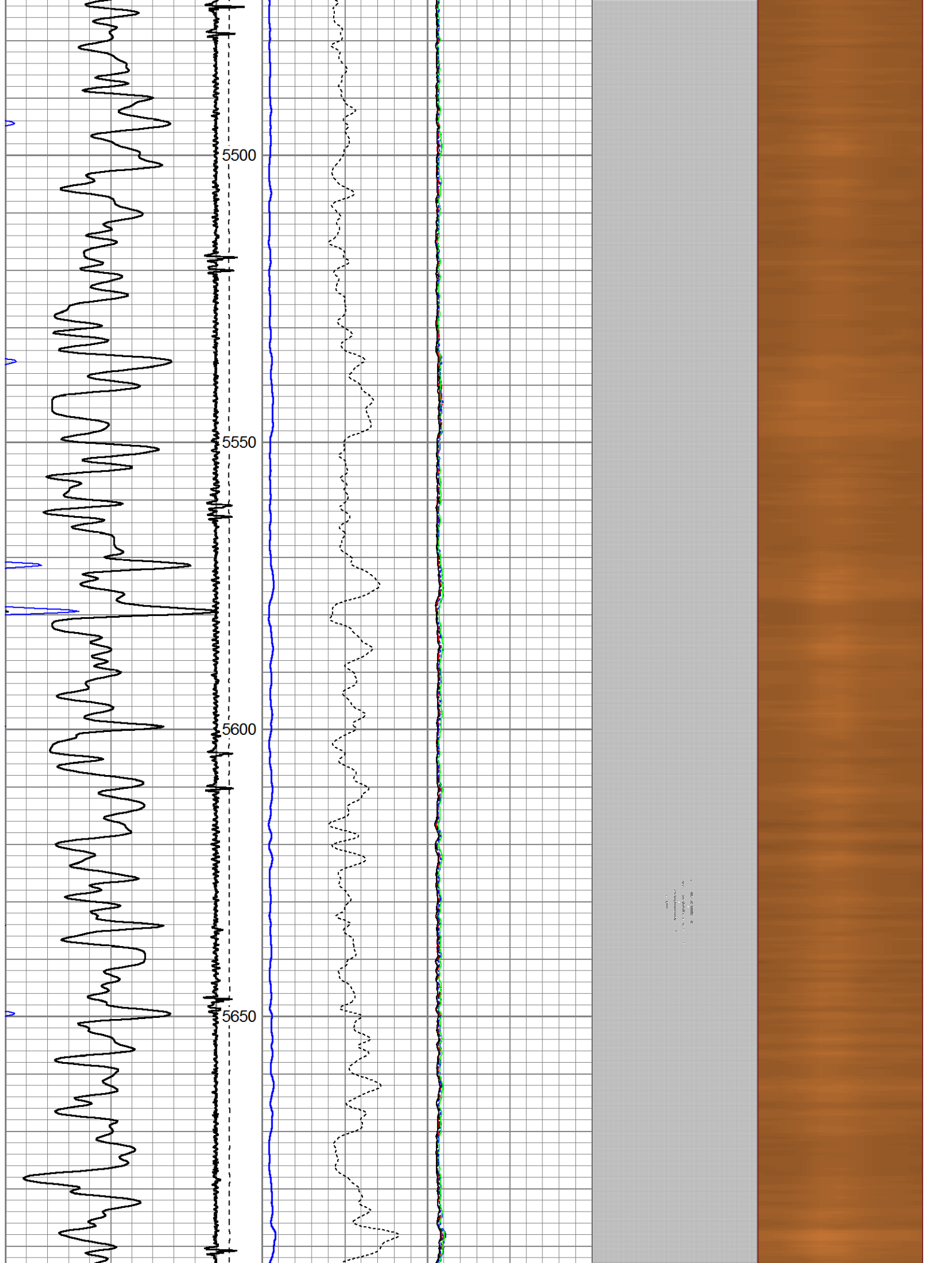


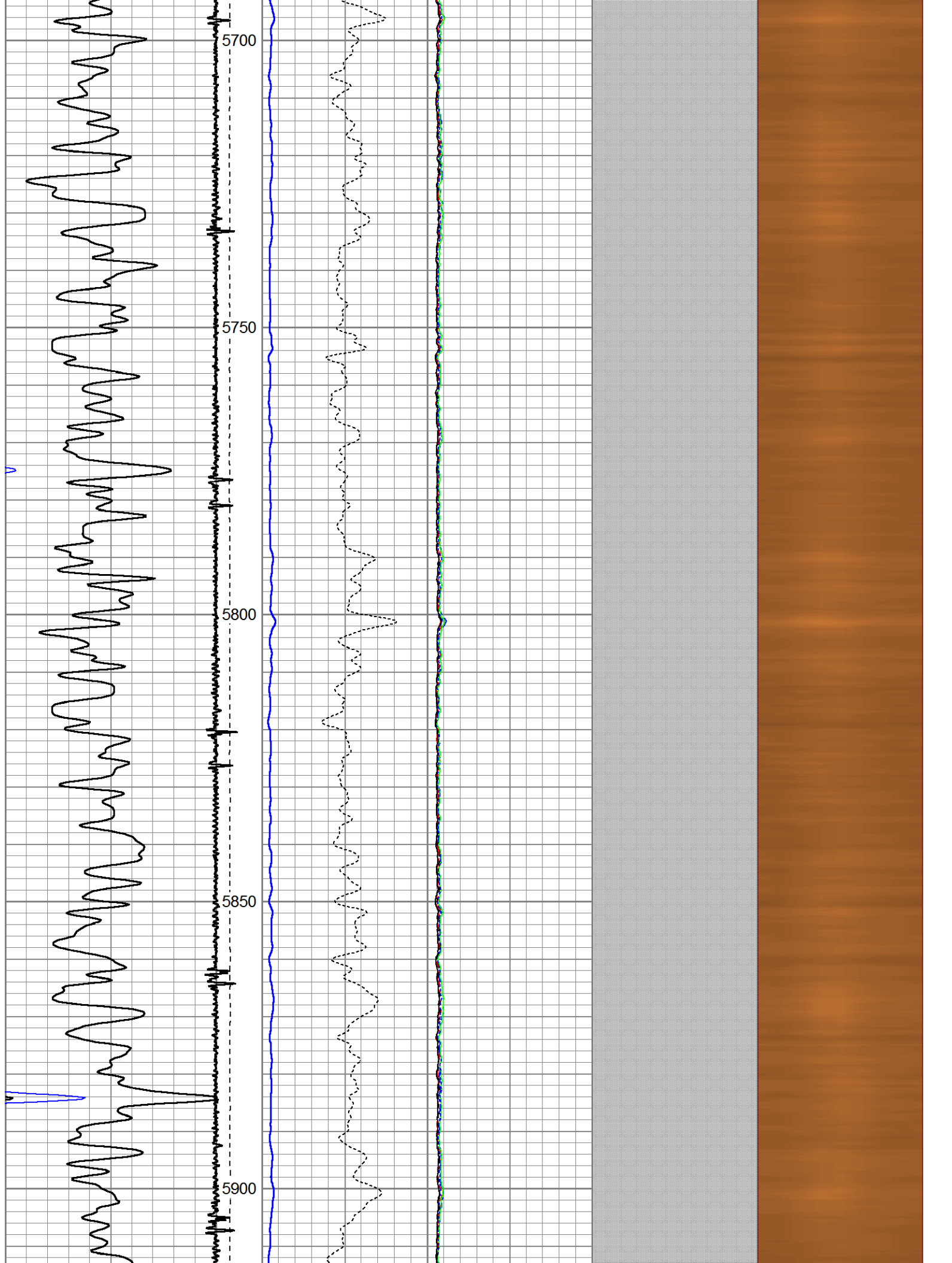


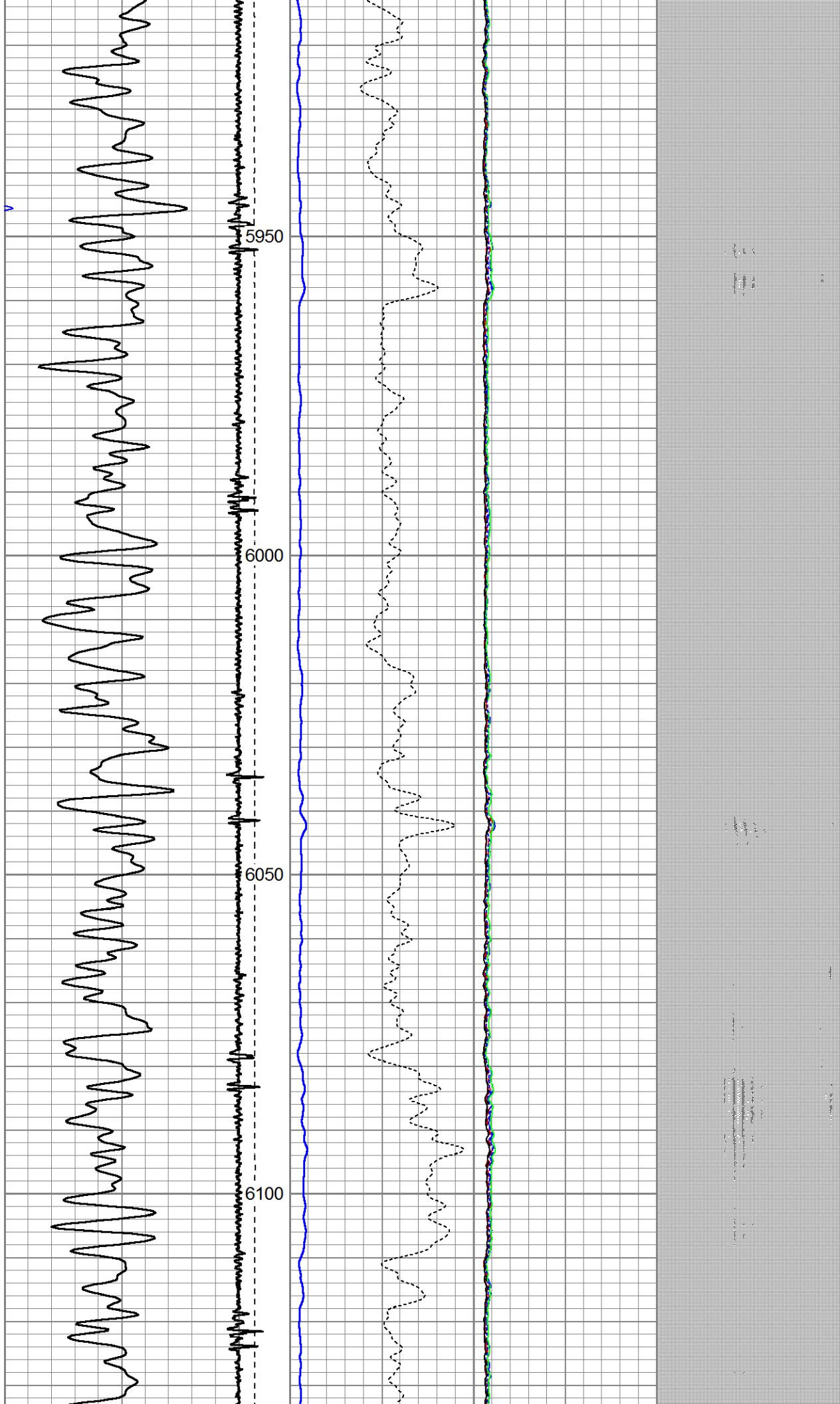


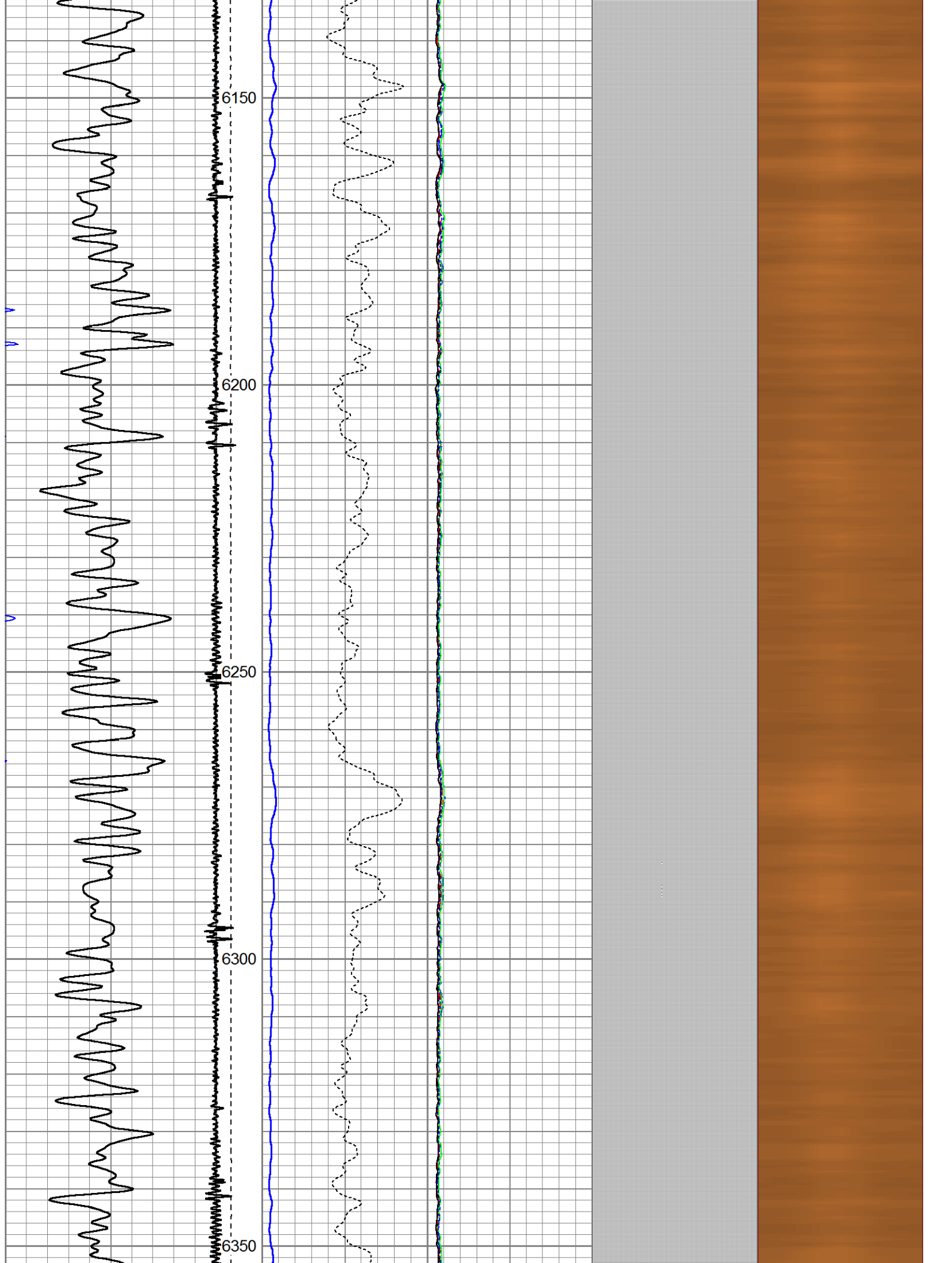


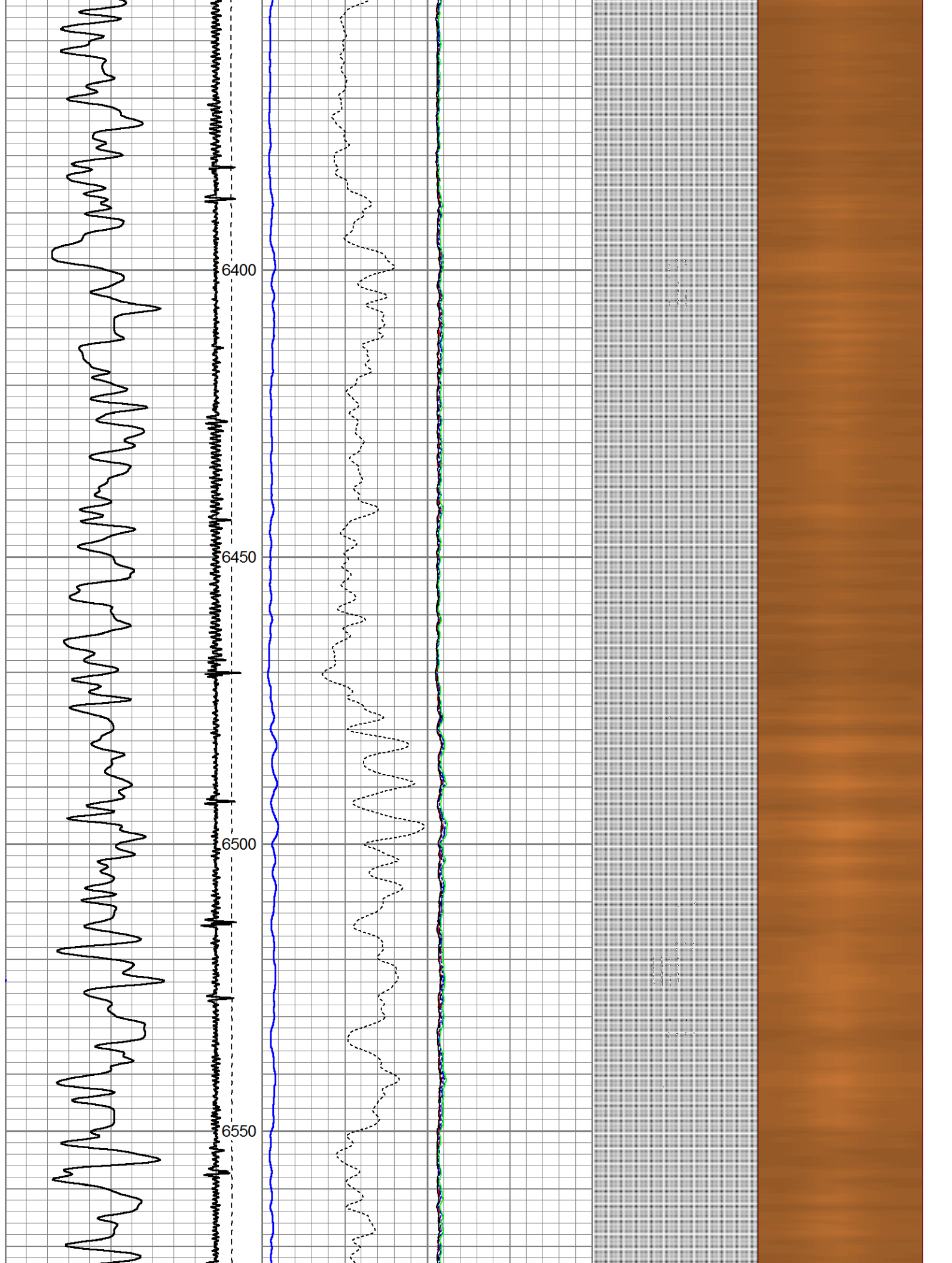


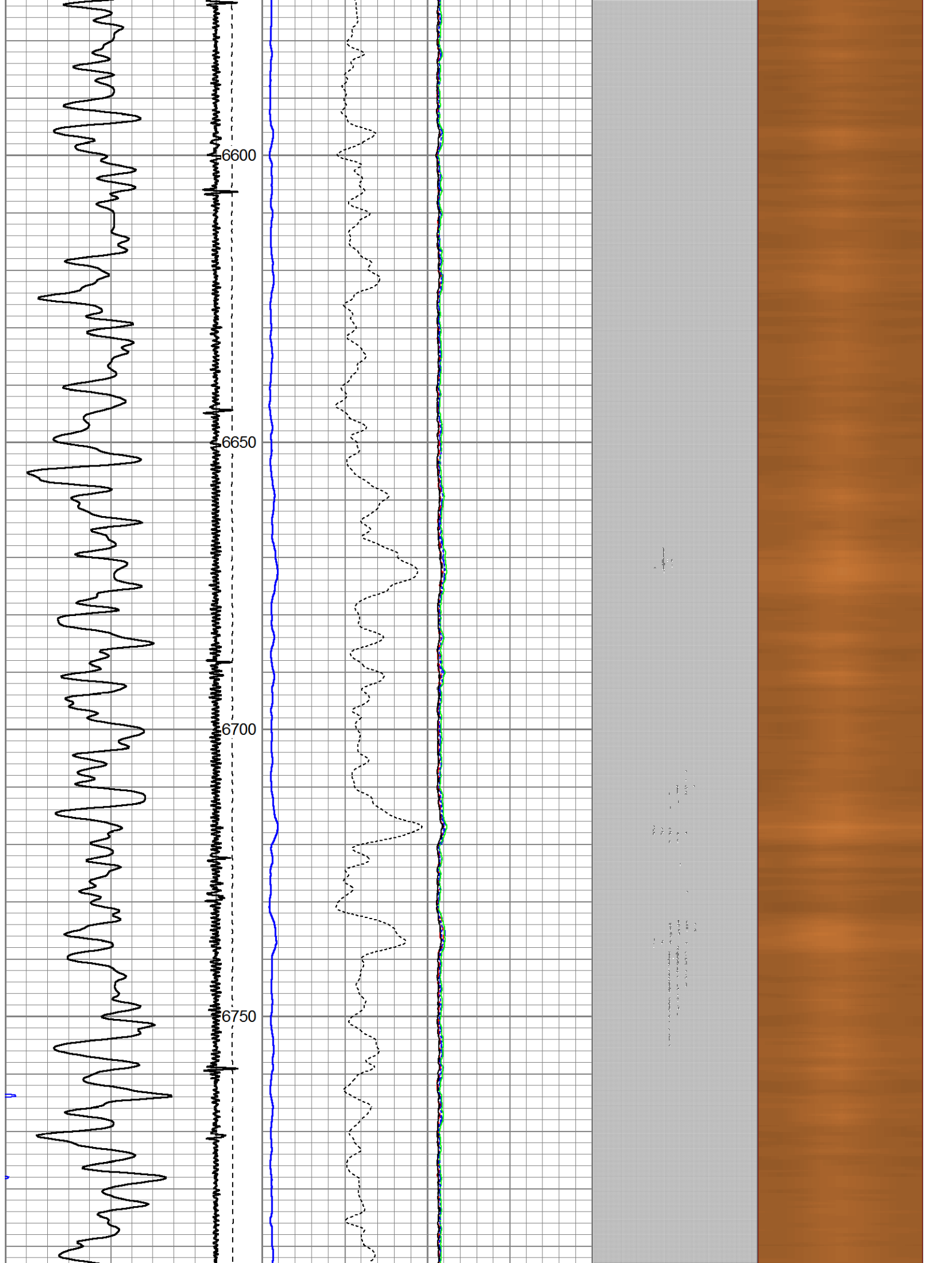


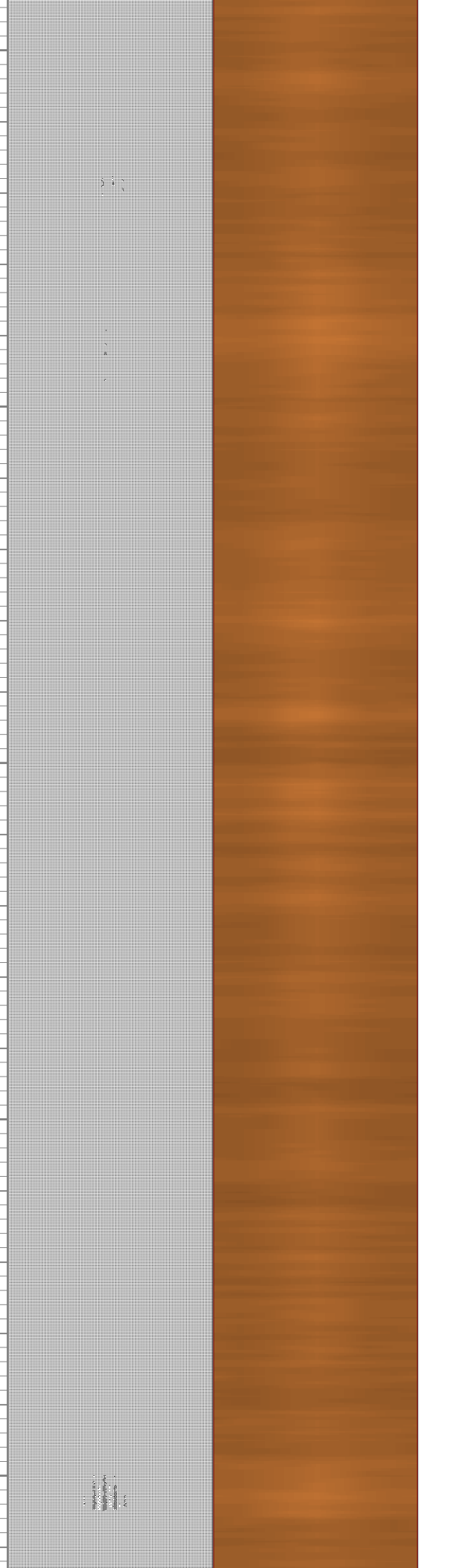
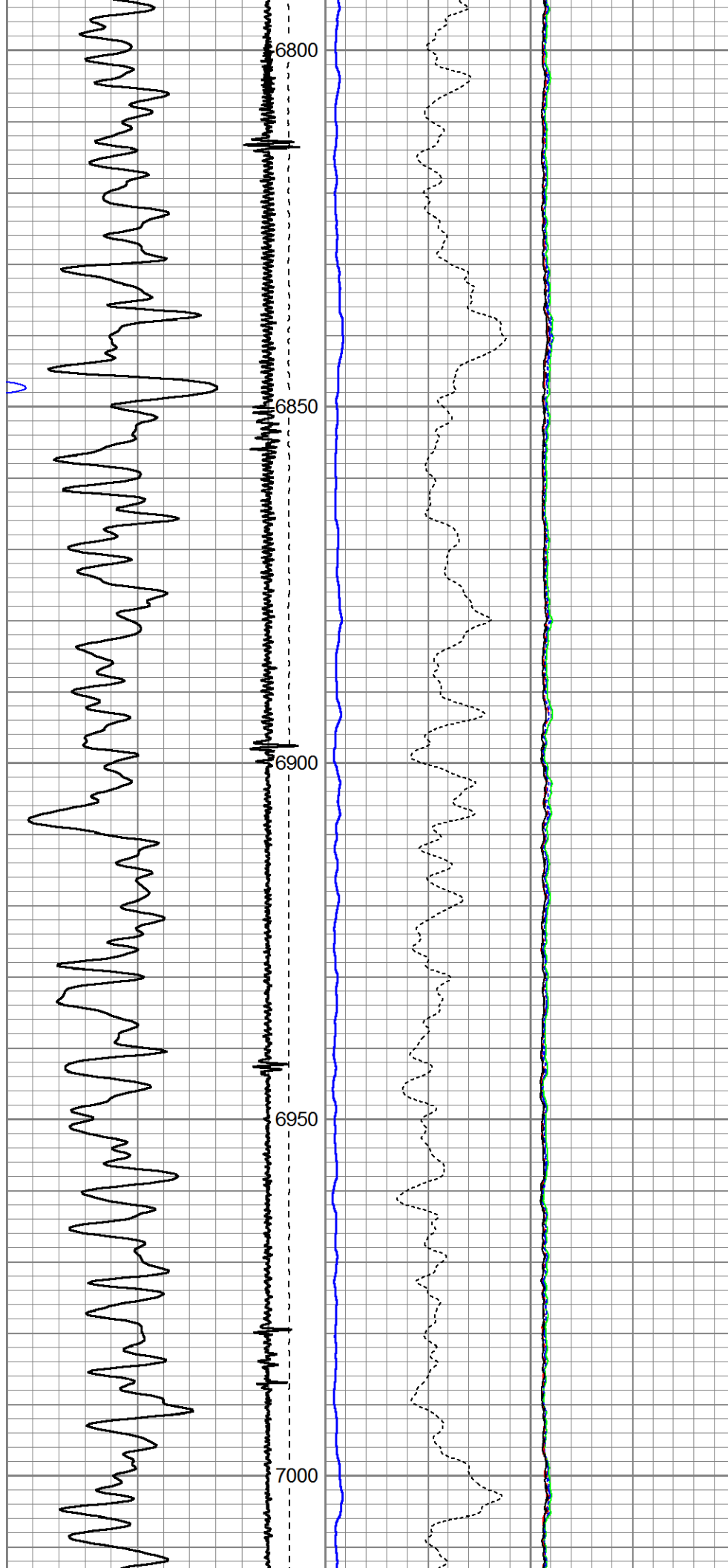




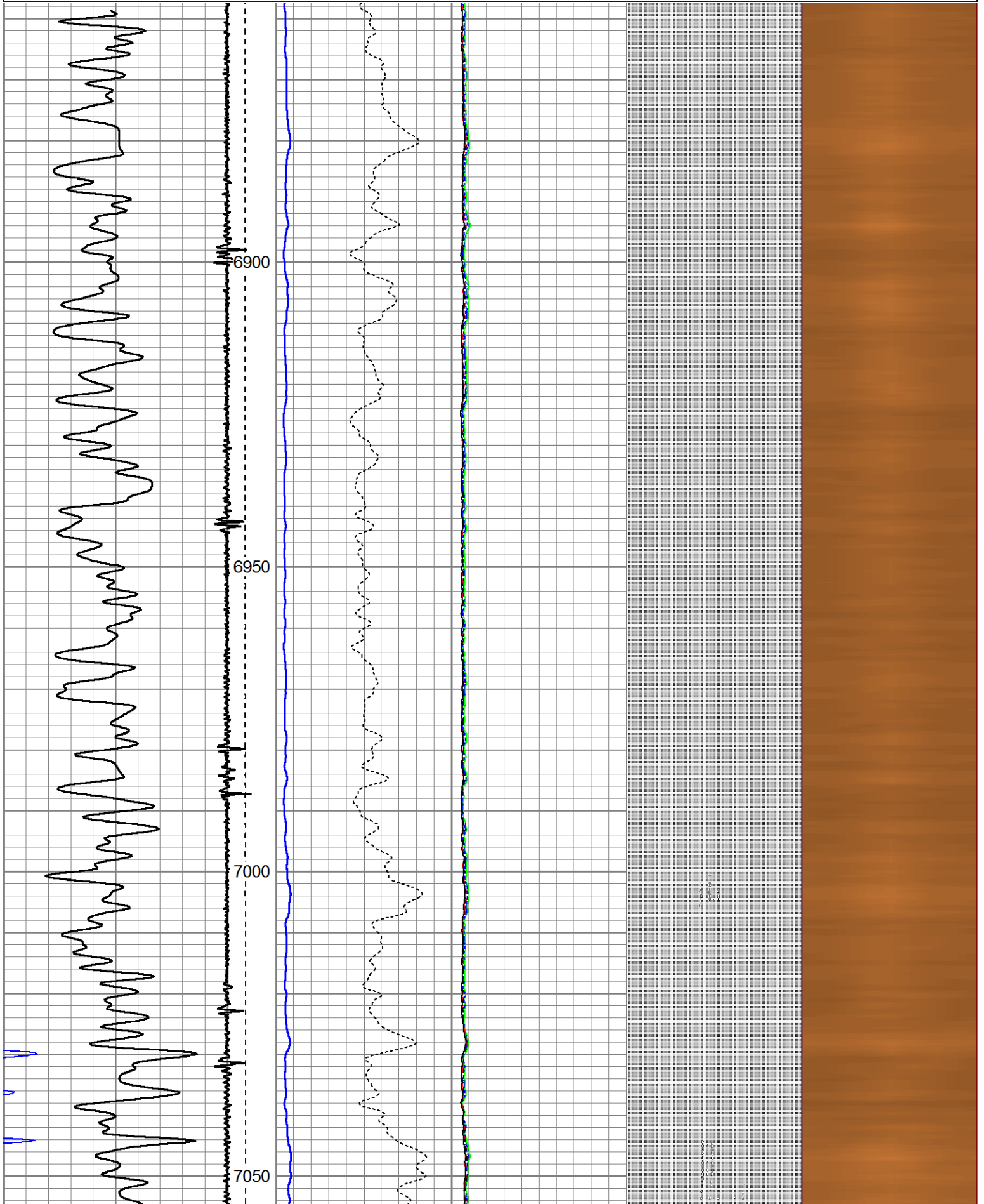


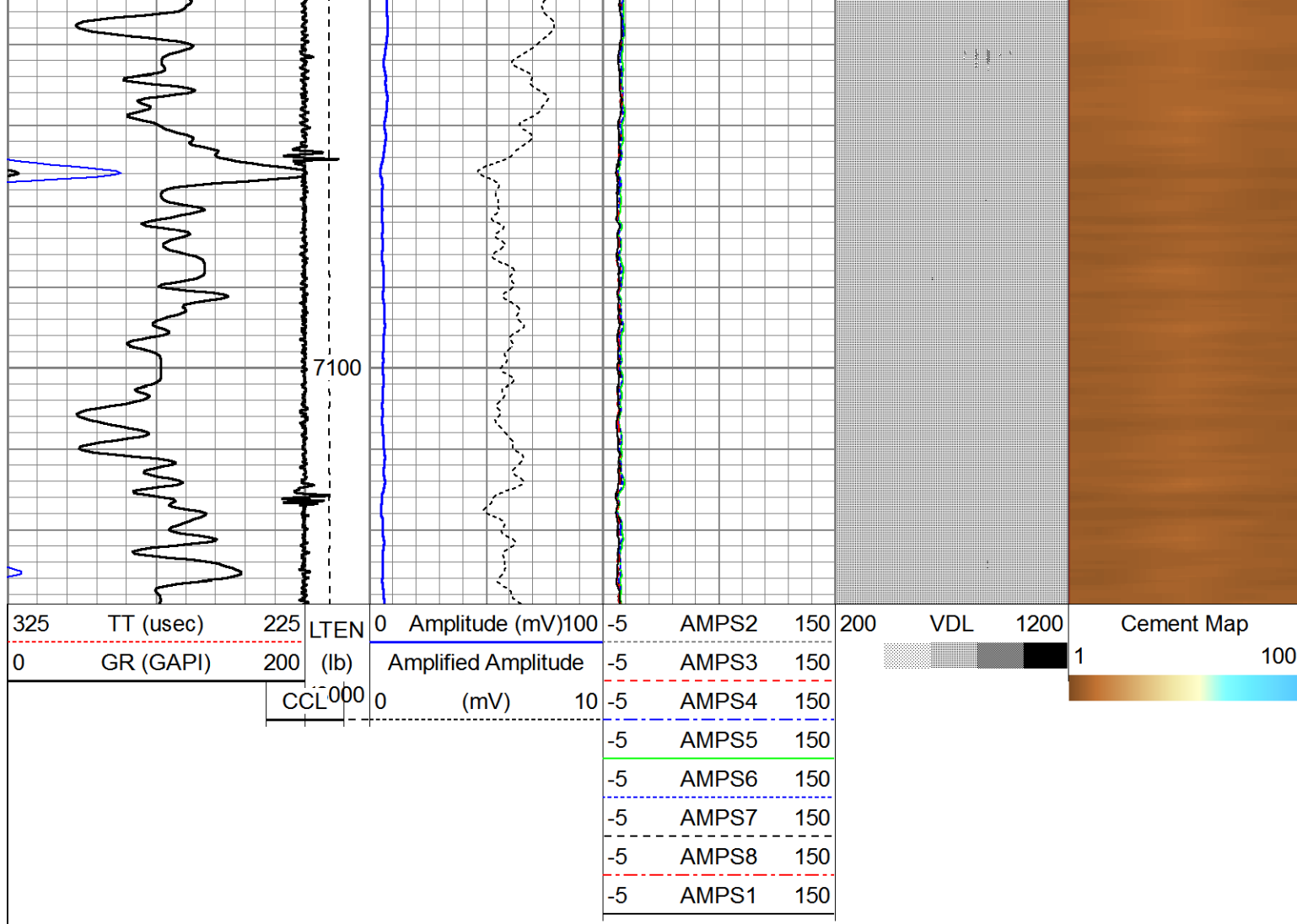






0	AMPS6	150
-5	AMPS7	150
-5	AMPS8	150
-5	AMPS1	150





Company
Well
Field
County
State

ANADARKO
AZUL 13-32HZ
WATTENBERG
WELD
CO