



RADIAL CEMENT BOND
GAMMA RAY
CCL
TEMP

Company		SRC ENERGY		Country		USA	
Well		GOLDEN EAGLE 28N-1B-M		Field		WATTENBERG	
County		WELD		State		COLORADO	
Date		31 AUGUST 2019		Location:		API # : 05-123-50123	
Run Number		ONE		Other Services		NONE	
Depth Driller		15085'		Permanent Datum		GROUND LEVEL Elevation 4871'	
Depth Logger		6627'		Log Measured From		GROUND LEVEL	
Bottom Logged Interval		6627'		Drilling Measured From		KELLY BUSHING	
Top Log Interval		SURFACE					
Open Hole Size		8.50"					
Type Fluid		WATER					
Density / Viscosity		~8.3#					
Max. Recorded Temp.		211 DEG F					
Estimated Cement Top		SEE LOG					
Time Well Ready		ROA					
Time Logger on Bottom		0910					
Equipment Number		W-060					
Location		WINDSOR, CO					
Recorded By		TIM HAWLEY					
Witnessed By		BOB MILLS					
Run Number		Borehole Record		Tubing Record			
Bit		From		To		Weight	
Casing Record		Size		Wgt/Ft		Top	
Surface String		9-5/8"		36#		0'	
Prot. String							
Production String		5-1/2"		20#		0'	
Liner						15085'	

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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

THANK YOU FOR CHOOSING CUTTERS WIRELINE

LOG RAN UNDER 2,500PSI
FREE PIPE CALIBRATION @ 280'
DATE OF SHOP CALIBRATION 10/18
LOG CORELATED TO MARKER JOINT AT 6532'-6552'

Calibration Report

Database File: golden eagle 28n-1b-m.db

Dataset Pathname: pass14

Dataset Creation: Sat Aug 31 09:07:12 2019 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	FW1906-035	
Tool Model:	GCT	
Performed:	Sun Jun 13 13:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1905-150	
Tool Model:	Probe275acc	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	289.433	ft

Master Calibration, performed Sat Aug 31 08:49:09 2019:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.034	0.793	0.000	71.921	86.994	2.960
CAL	0.000	1.035				
5'	0.000	0.705	0.000	71.921	102.054	-0.000
SUM						
S1	-0.037	0.766	0.000	100.000	124.583	4.590
S2	-0.032	0.790	0.000	100.000	121.733	3.892
S3	-0.058	0.790	0.000	100.000	118.010	6.825
S4	-0.038	0.789	0.000	100.000	120.889	4.615
S5	-0.036	0.753	0.000	100.000	126.766	4.605
S6	-0.030	0.731	0.000	100.000	131.366	3.956
S7	-0.024	0.722	0.000	100.000	134.071	3.247
S8	-0.025	0.736	0.000	100.000	131.316	3.298

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:


	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	1.035	1.000	0.000

Air Zero Calibration, performed Sat Aug 31 03:58:50 2019:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000


Micronimeter Calibration Report

Performed:	Sun Jun 13 13:33:21 1993				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00

GCT_Temp	5.17			GR-GCT (FW1906-035)	4.77	2.75	35.00
GR	2.42			Gamma Corrosion Temperature			

Dataset: golden eagle 28n-1b-m.db: field/well/run1/pass14
 Total Length: 14.97 ft
 Total Weight: 155.00 lb
 O.D.: 2.75 in

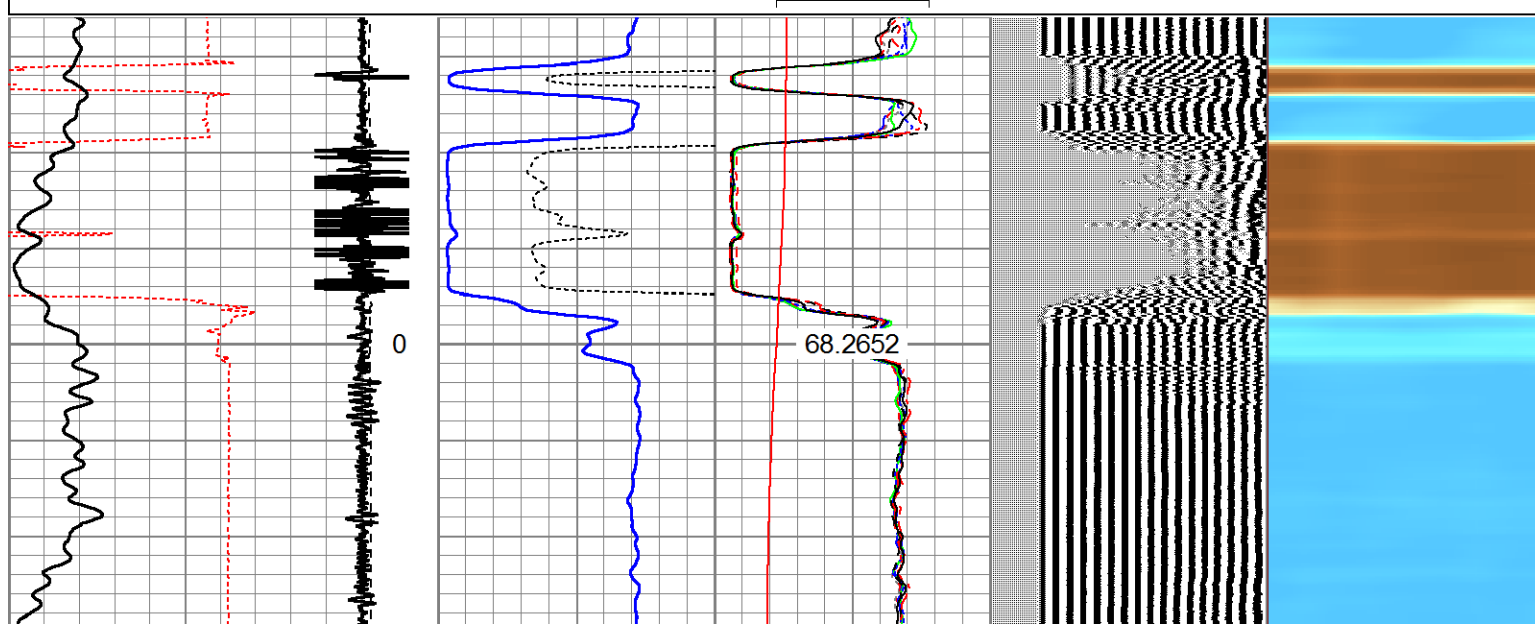


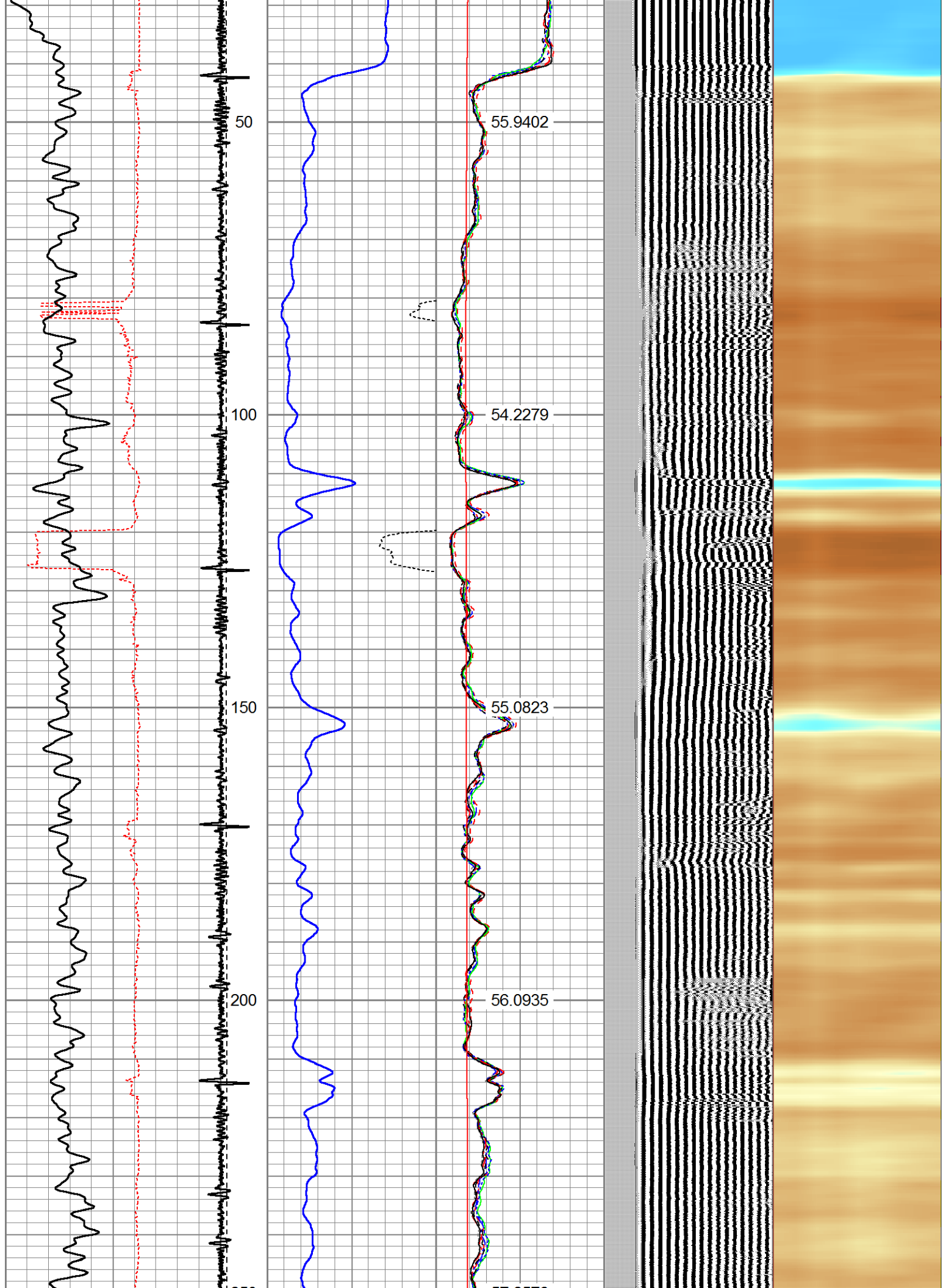
MAIN PASS (2500 PSI)

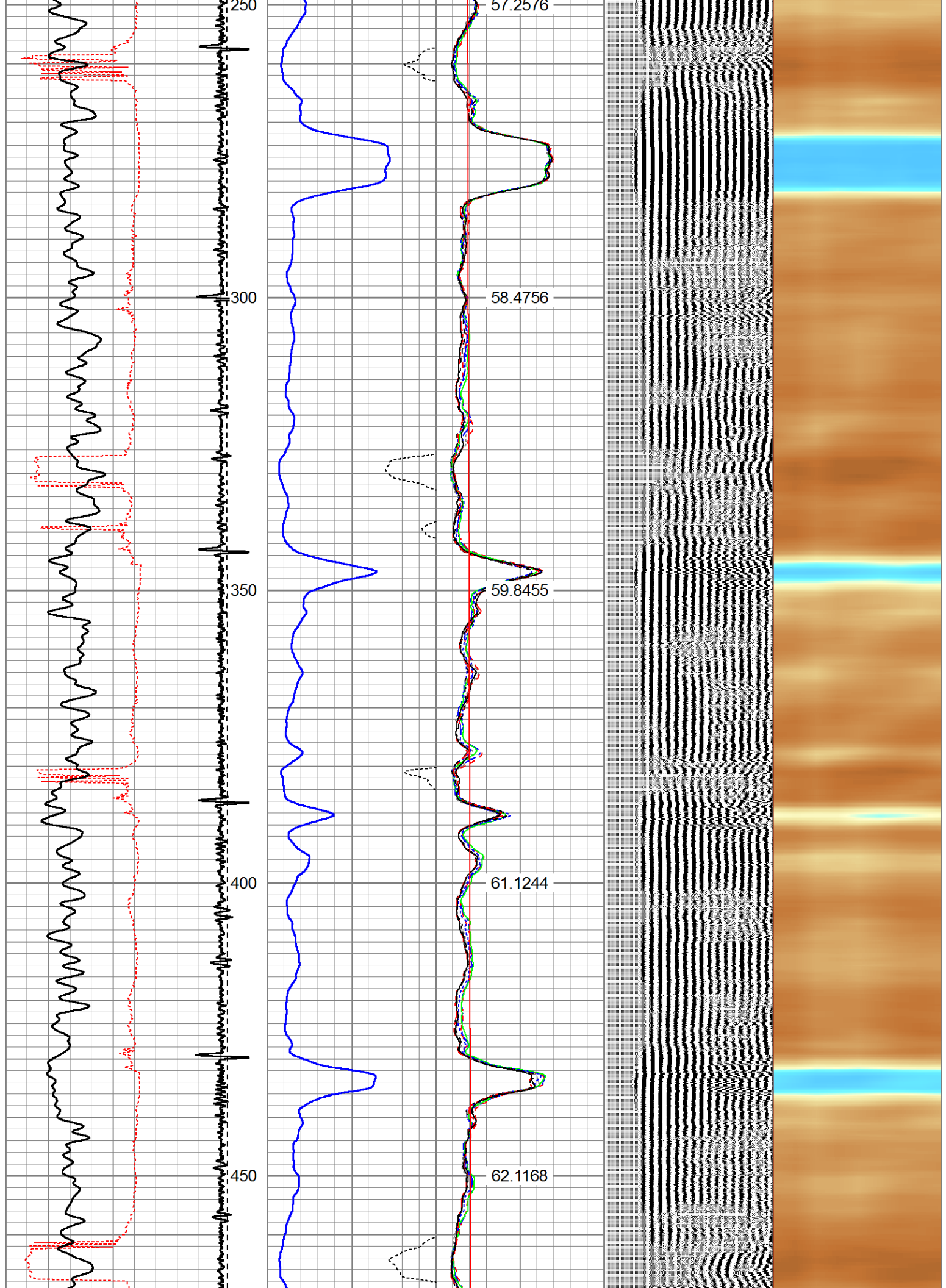
5" = 100'

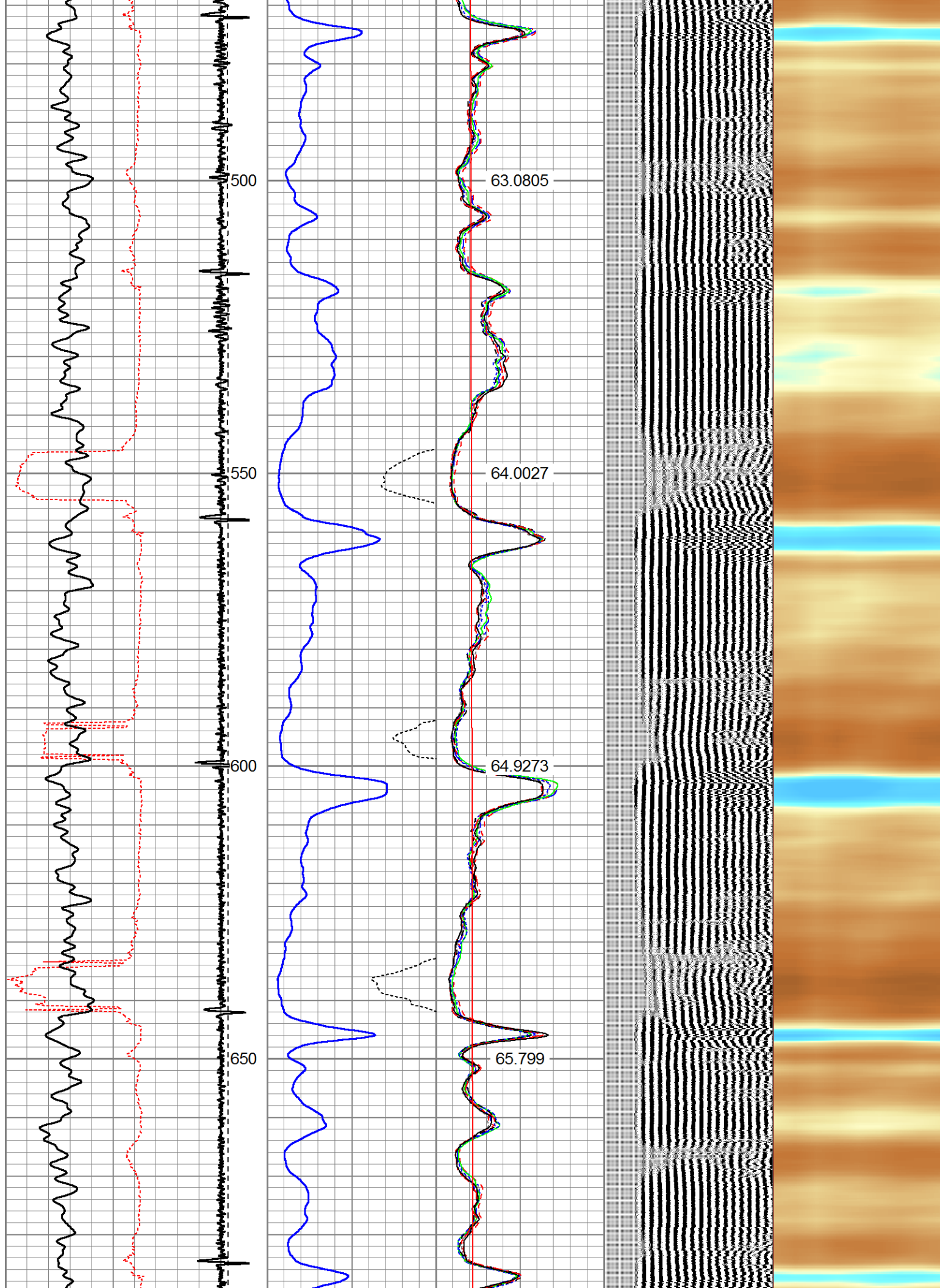
Database File: golden eagle 28n-1b-m.db
 Dataset Pathname: pass14
 Presentation Format: rbl55
 Dataset Creation: Sat Aug 31 09:07:12 2019 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

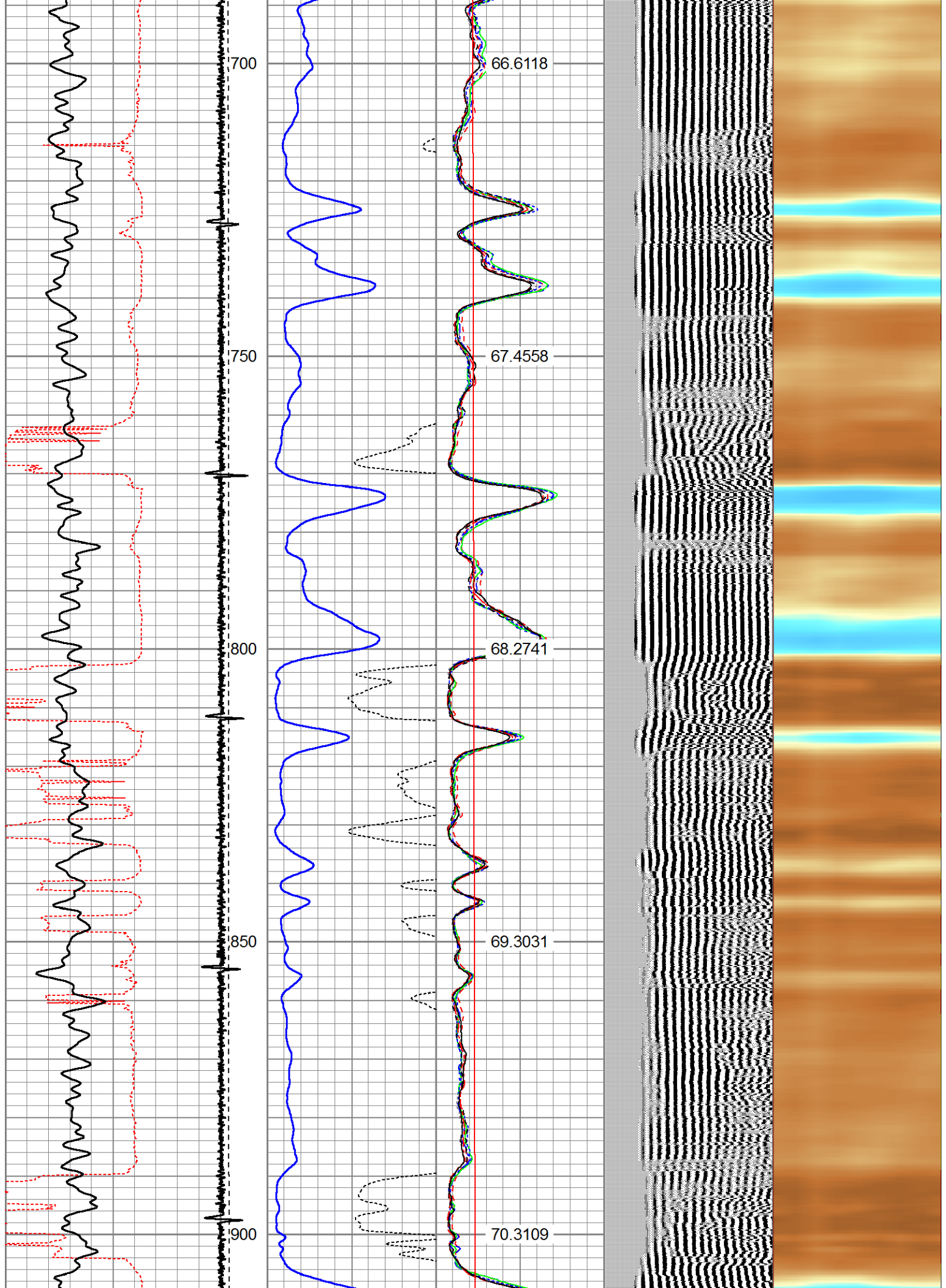
325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200	(lb)		Amplified Amplitude		-5	AMPS3	150				100
			CCL	000	0	(mV)	10	-5	AMPS4	150			
							-5	AMPS5	150				
							-5	AMPS6	150				
							-5	AMPS7	150				
							-5	AMPS8	150				
							-5	AMPS1	150				
								GCT_Temp					
							0	(degF)	300				
								GCT_Temp					
								(degF)					

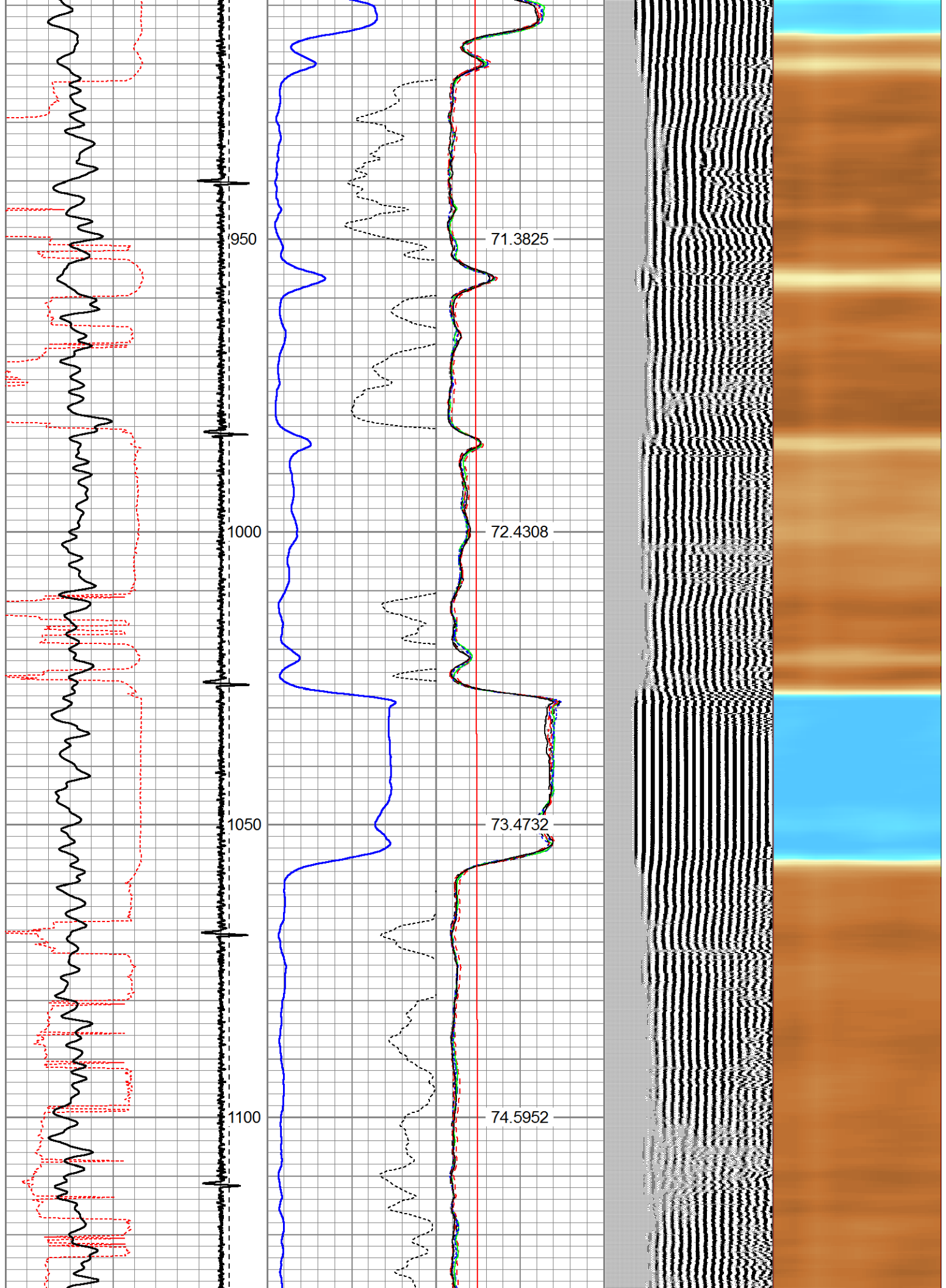


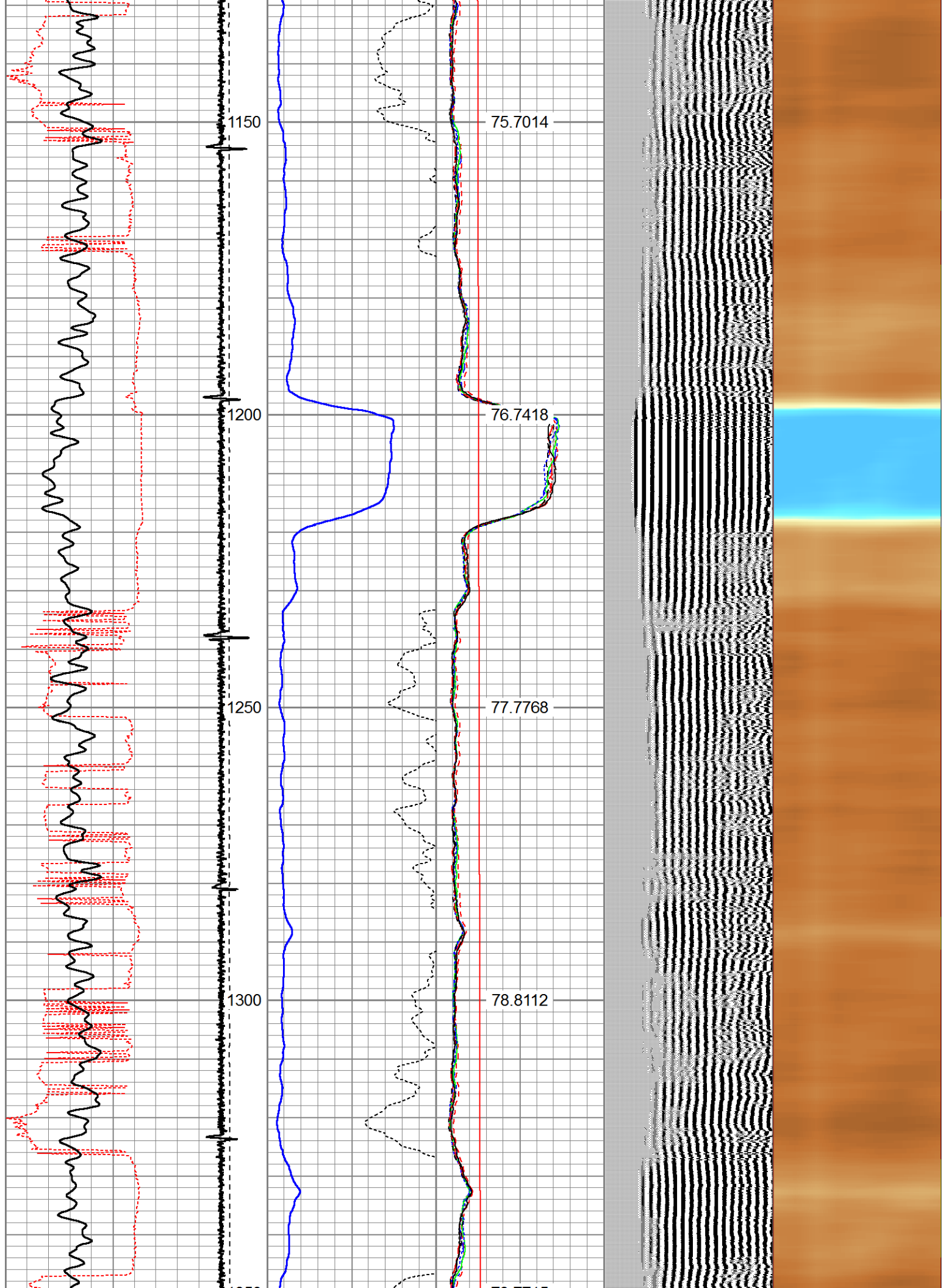


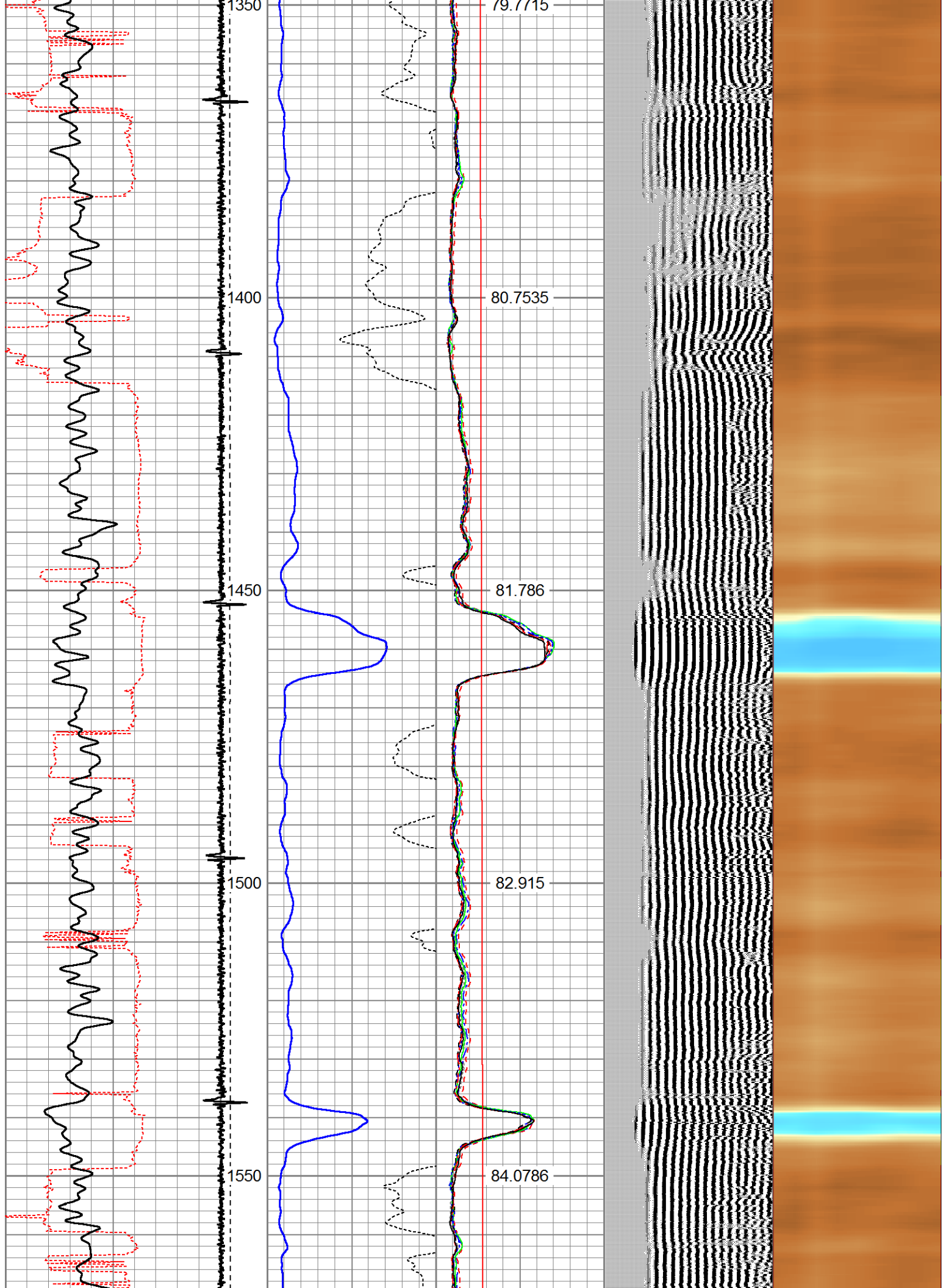


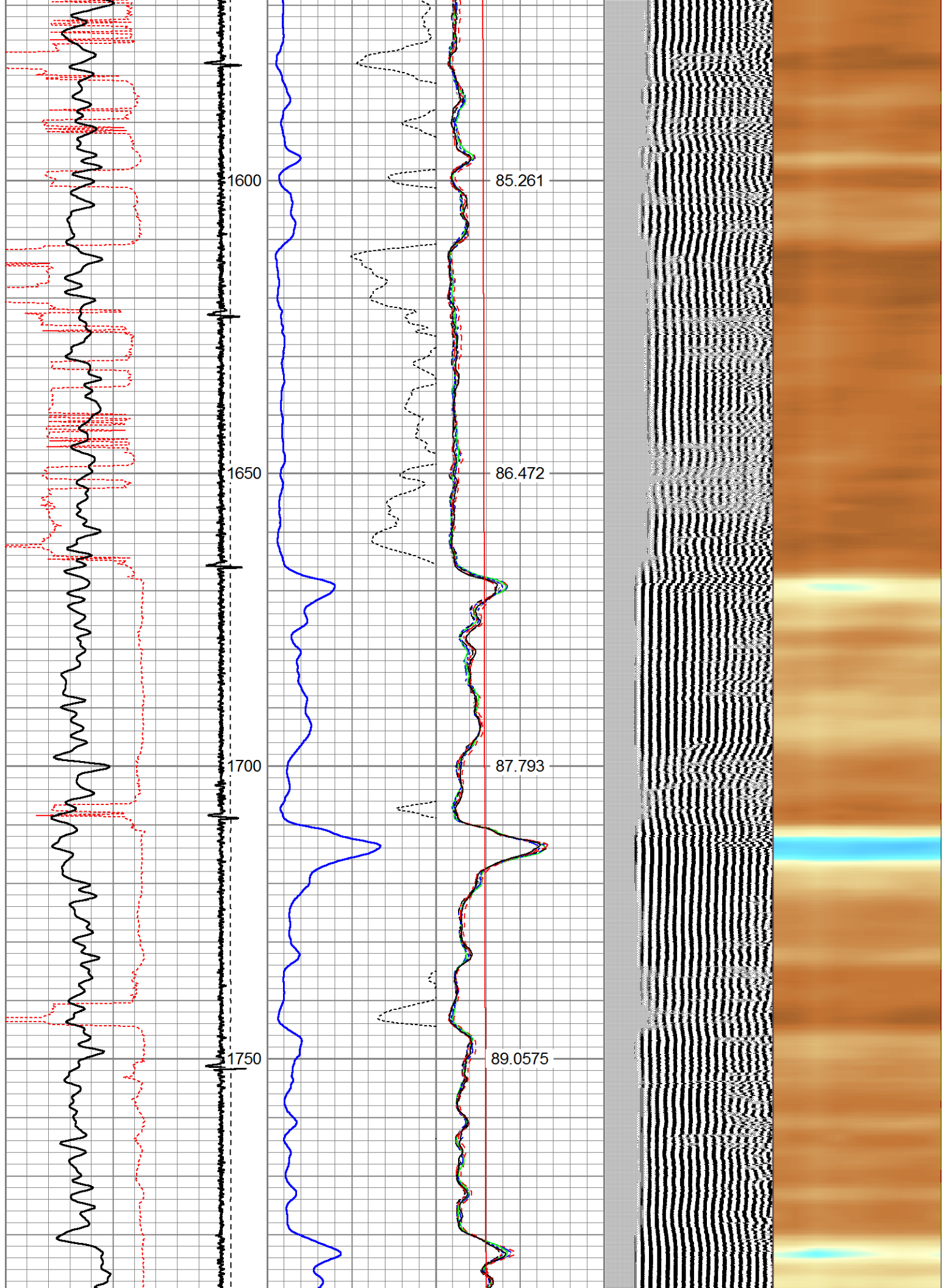


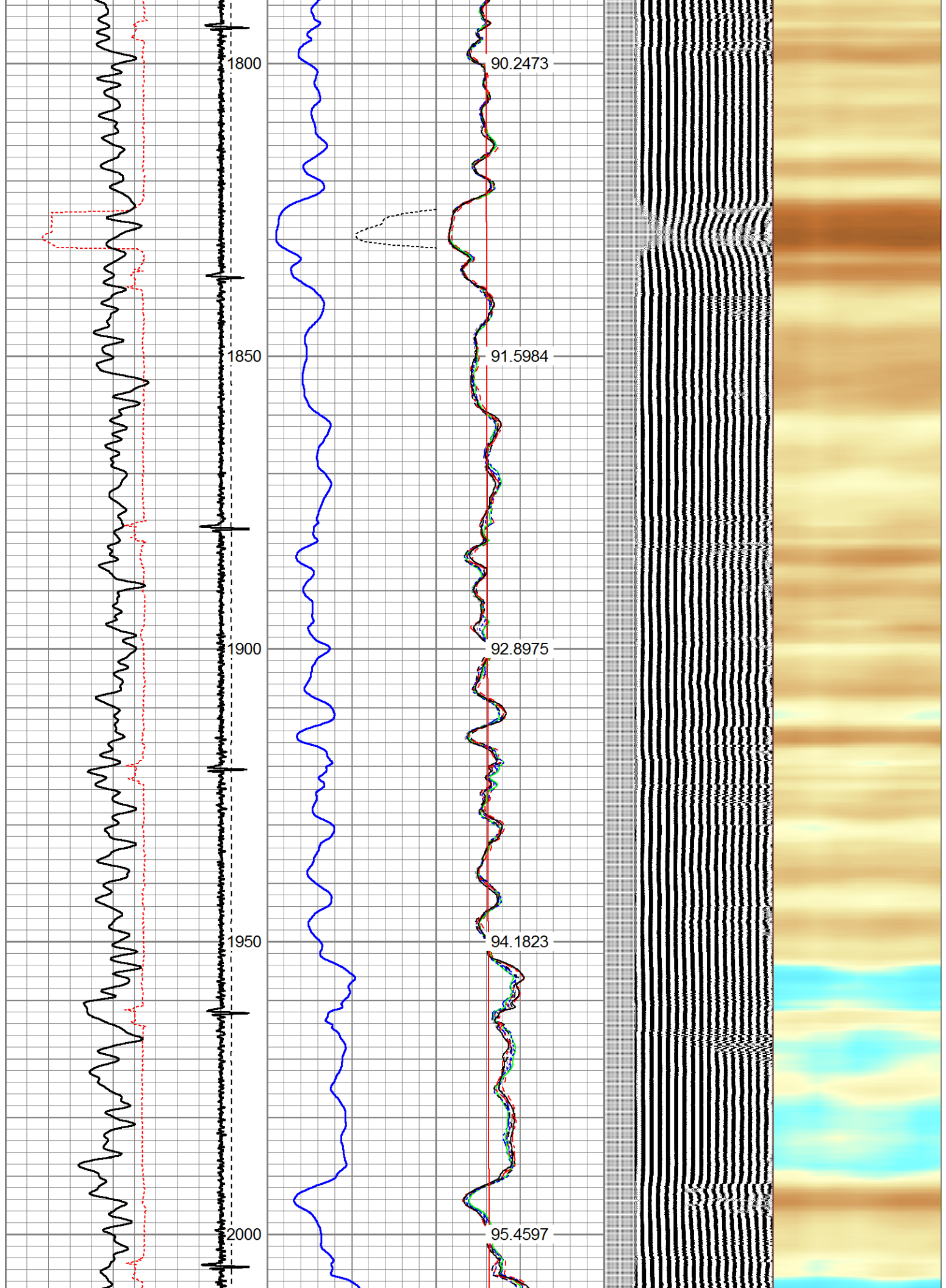


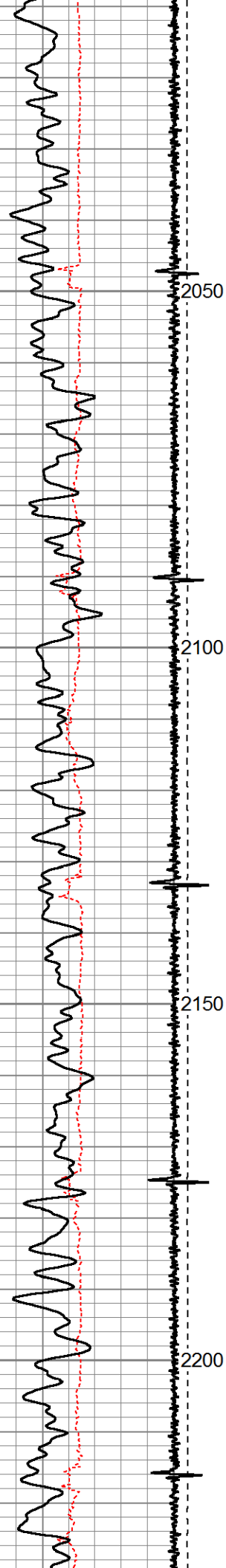










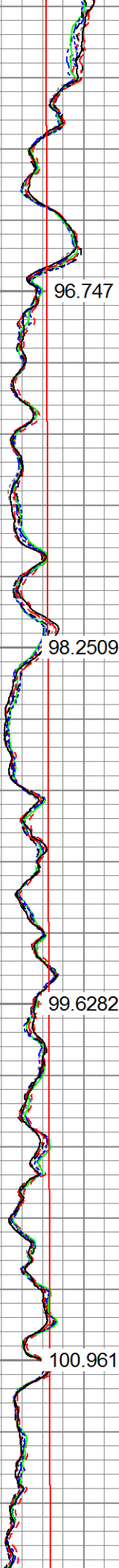
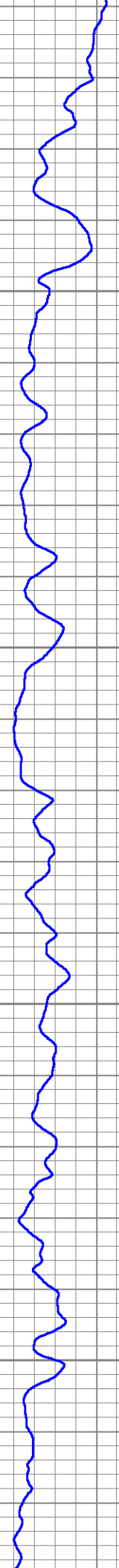


2050

2100

2150

2200

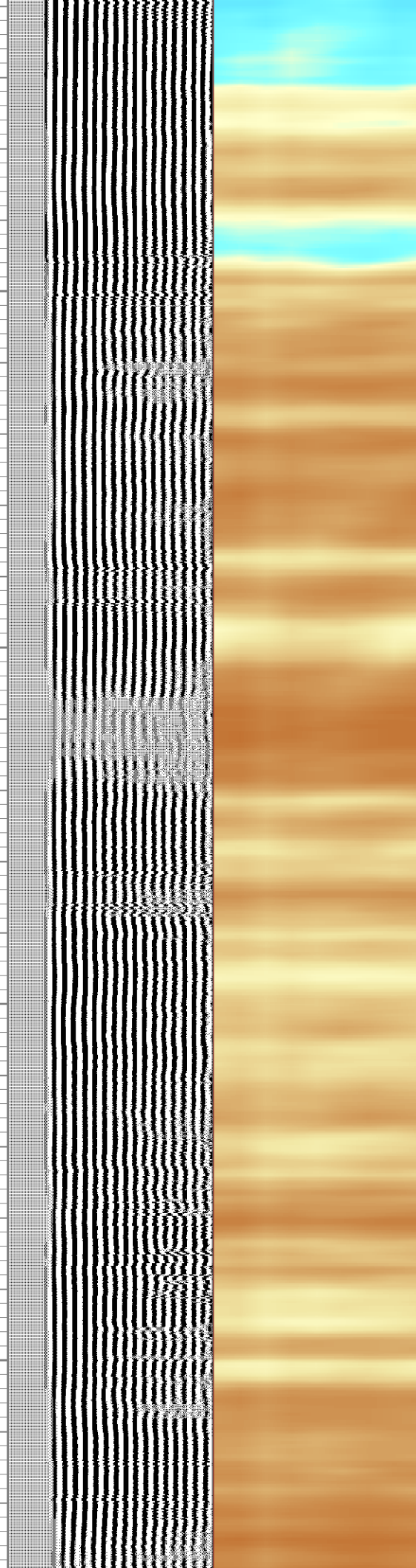


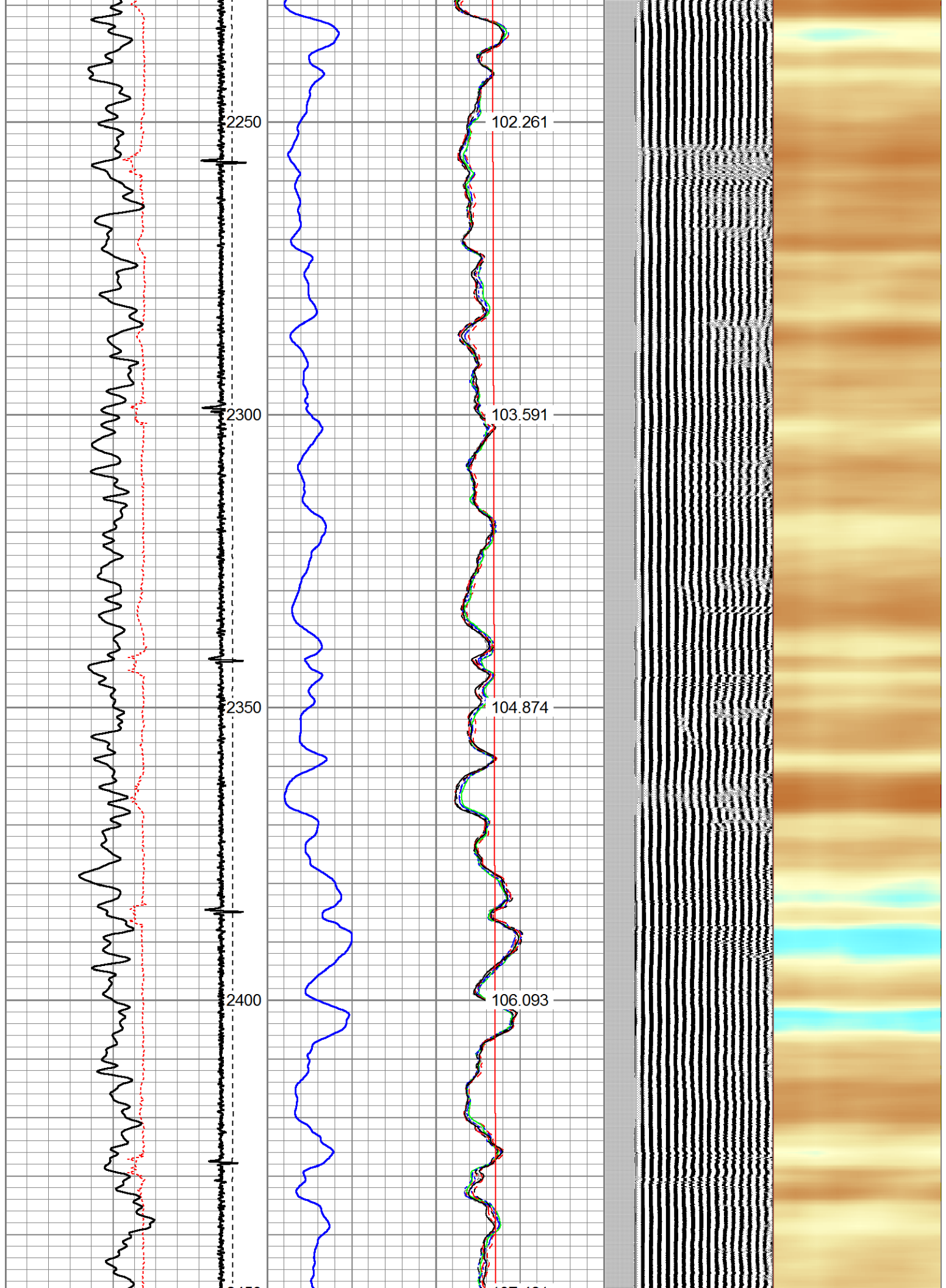
96.747

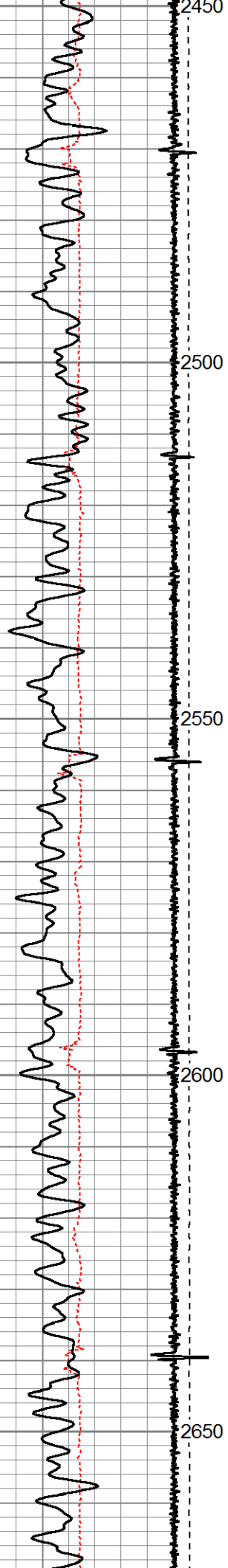
98.2509

99.6282

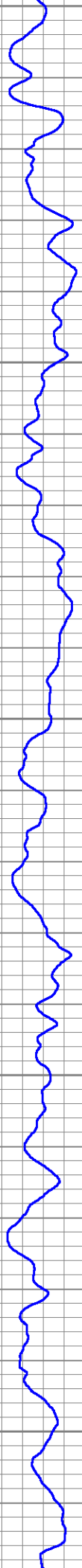
100.961



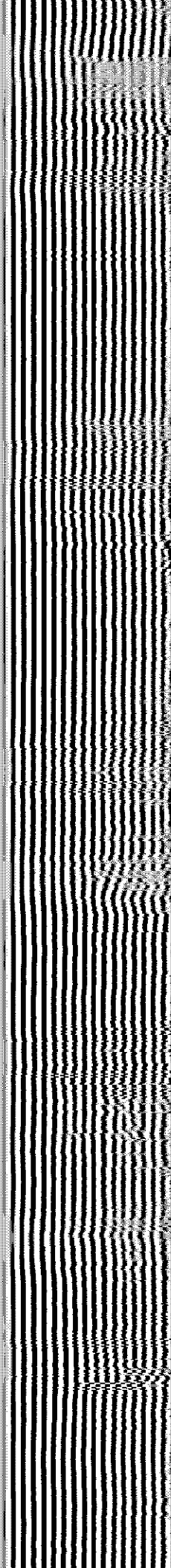
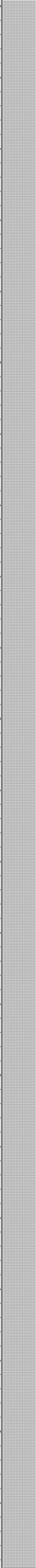
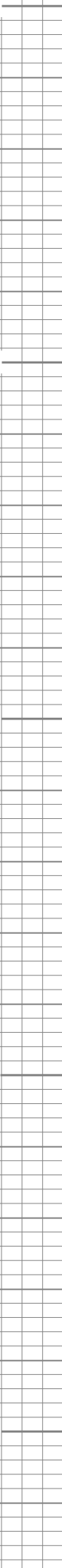


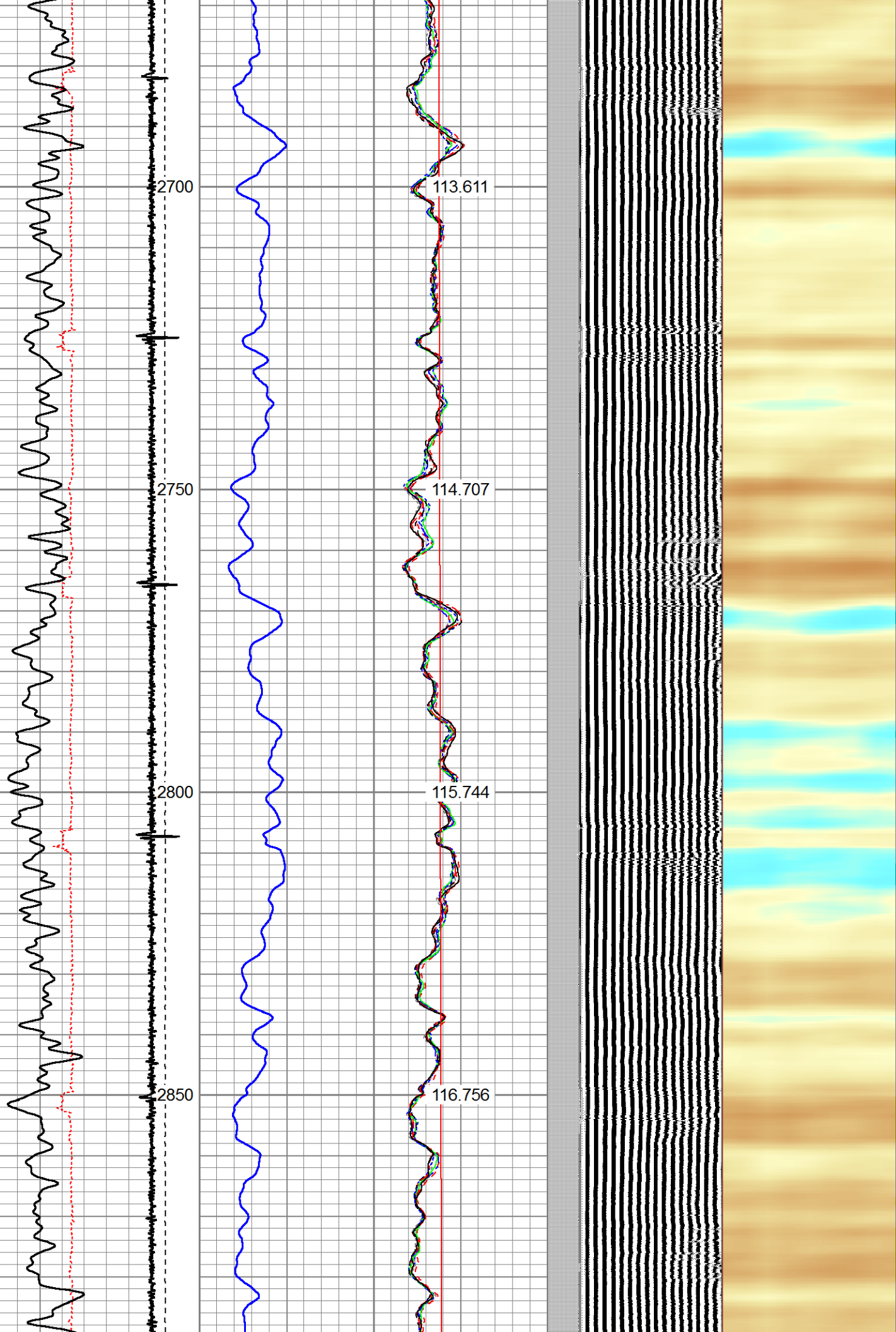


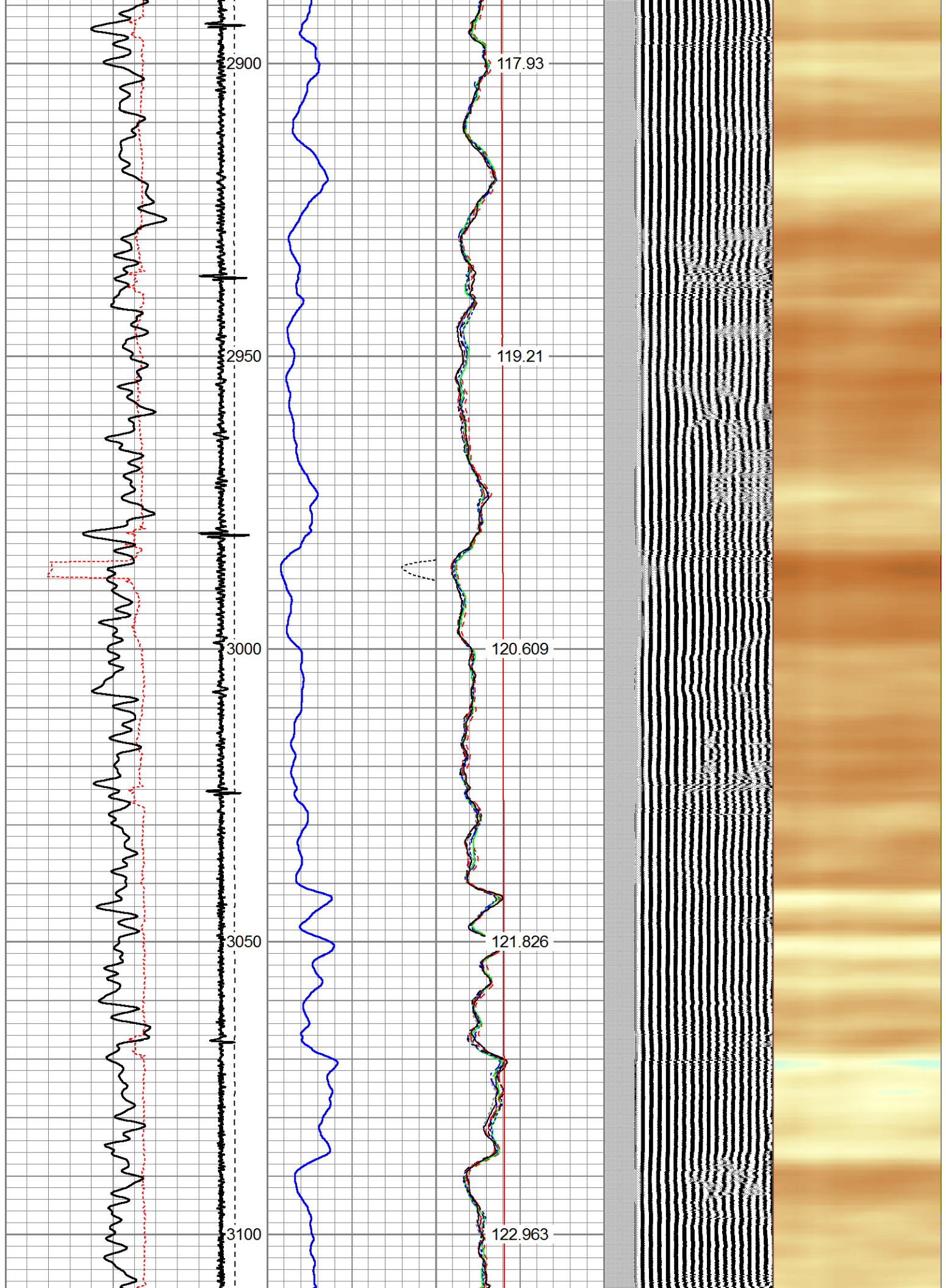
2450
2500
2550
2600
2650

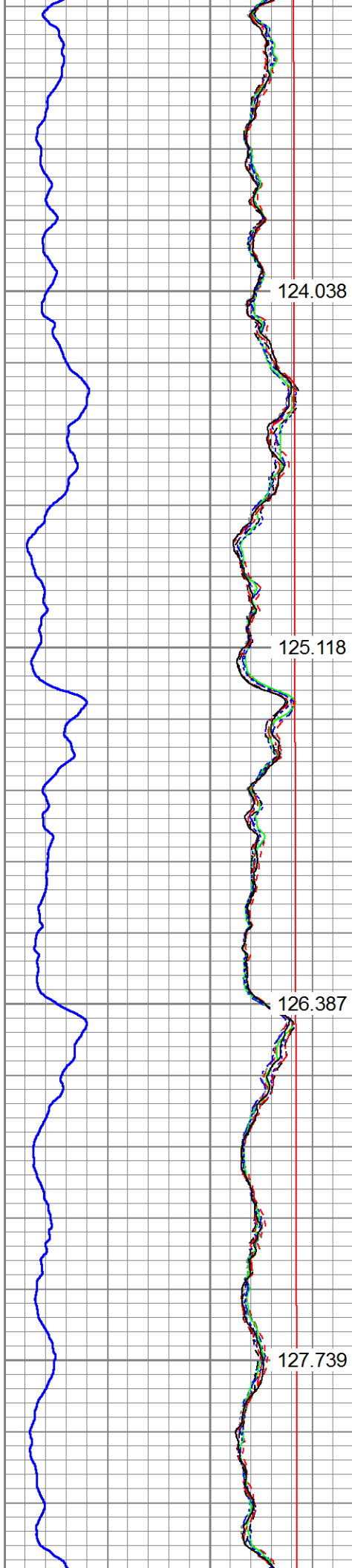
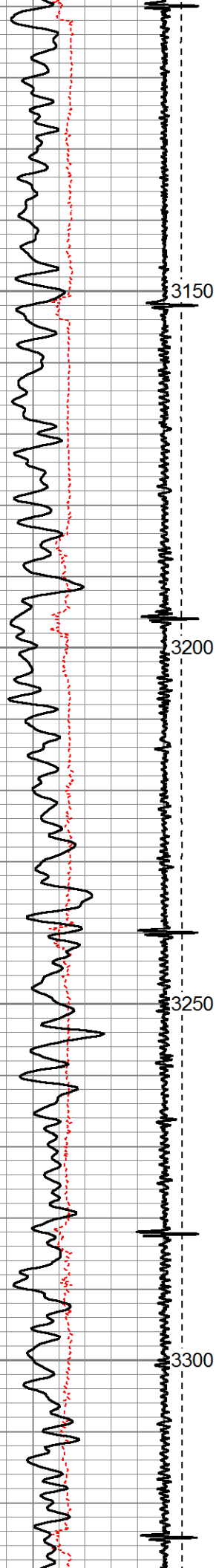


107.461
108.761
110.058
111.226
112.489







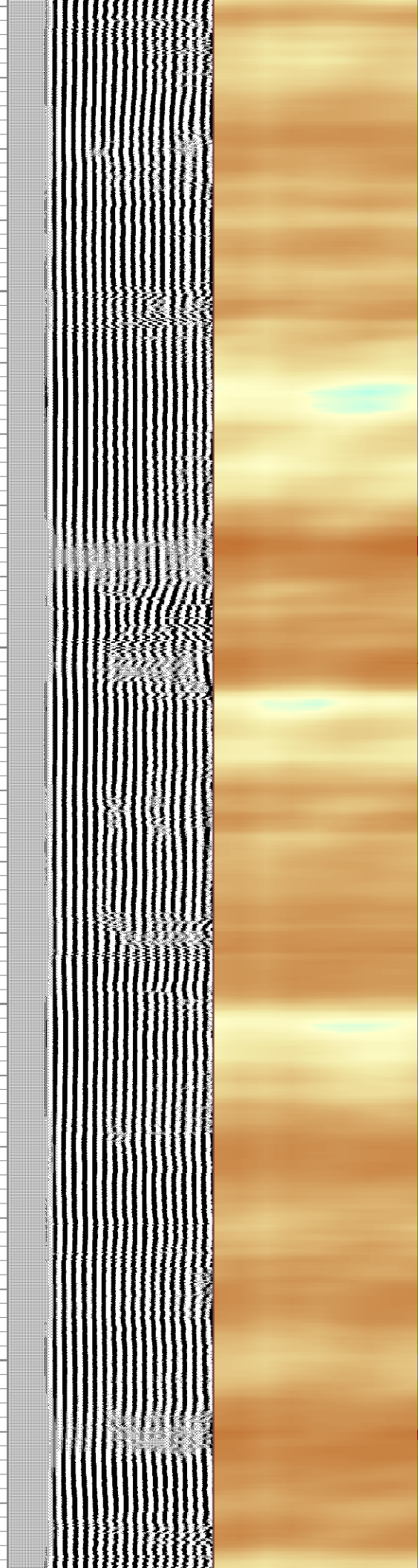


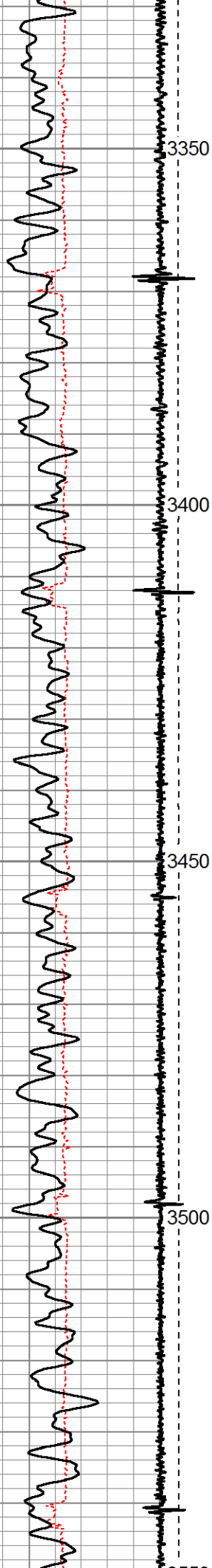
124.038

125.118

126.387

127.739



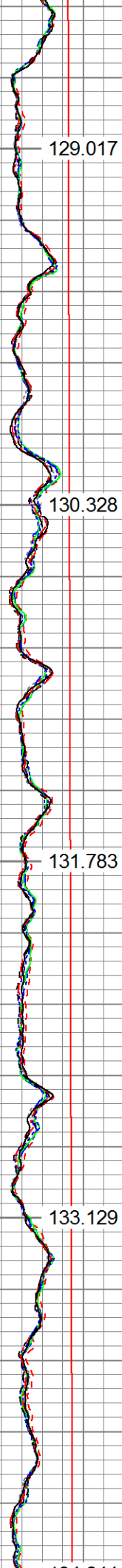


3350

3400

3450

3500

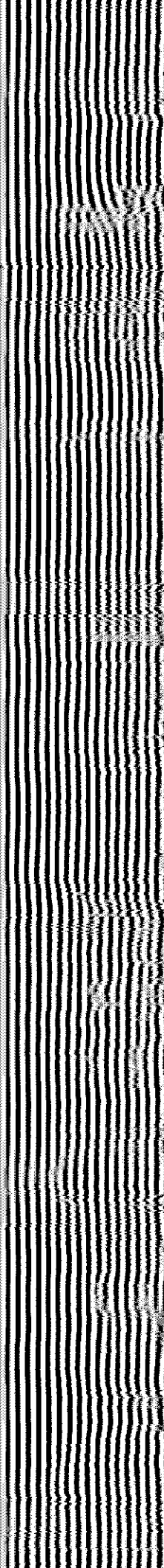
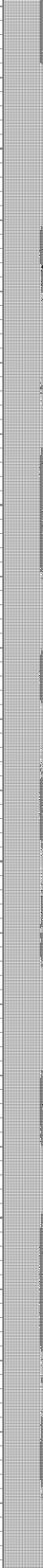


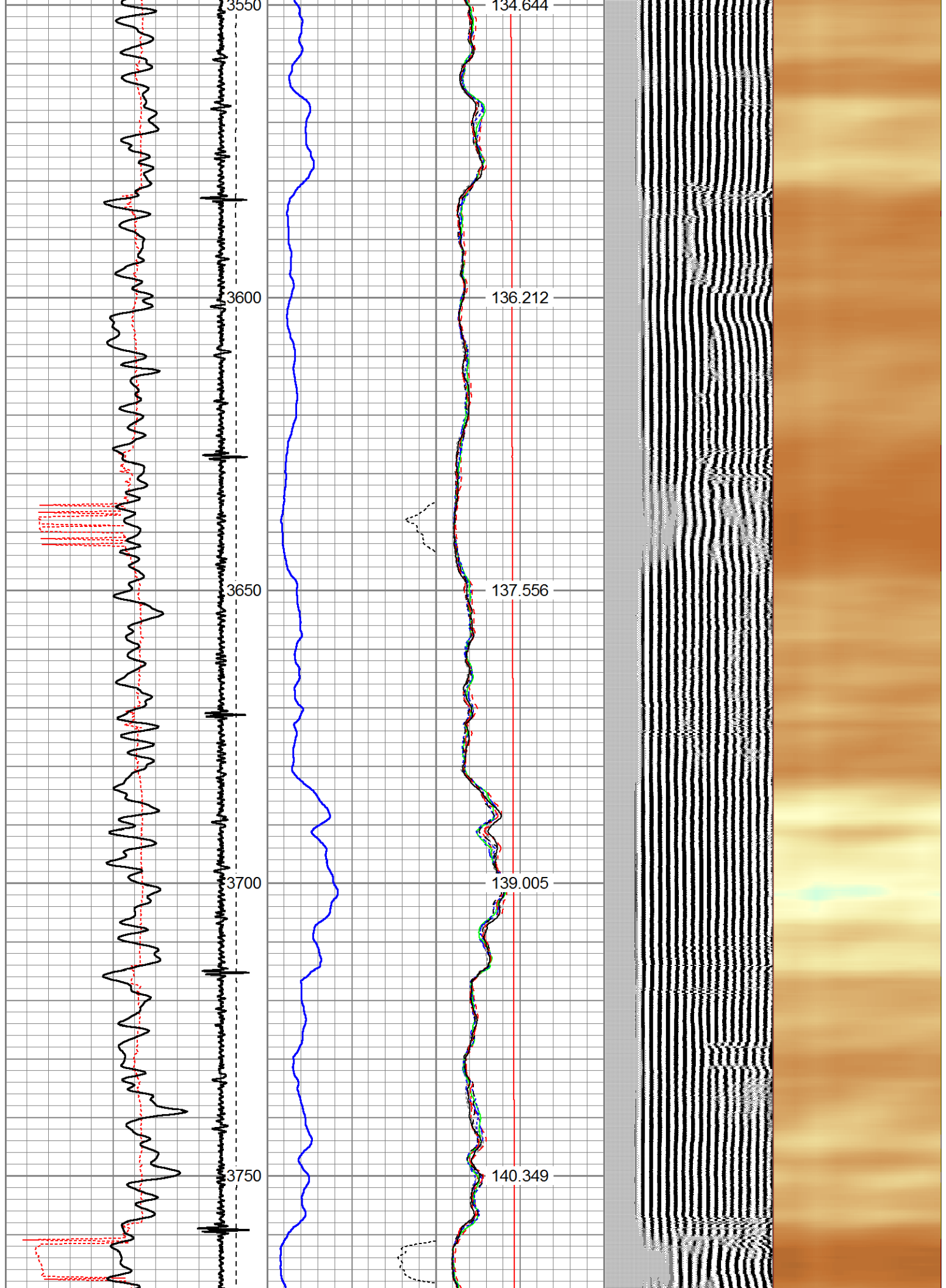
129.017

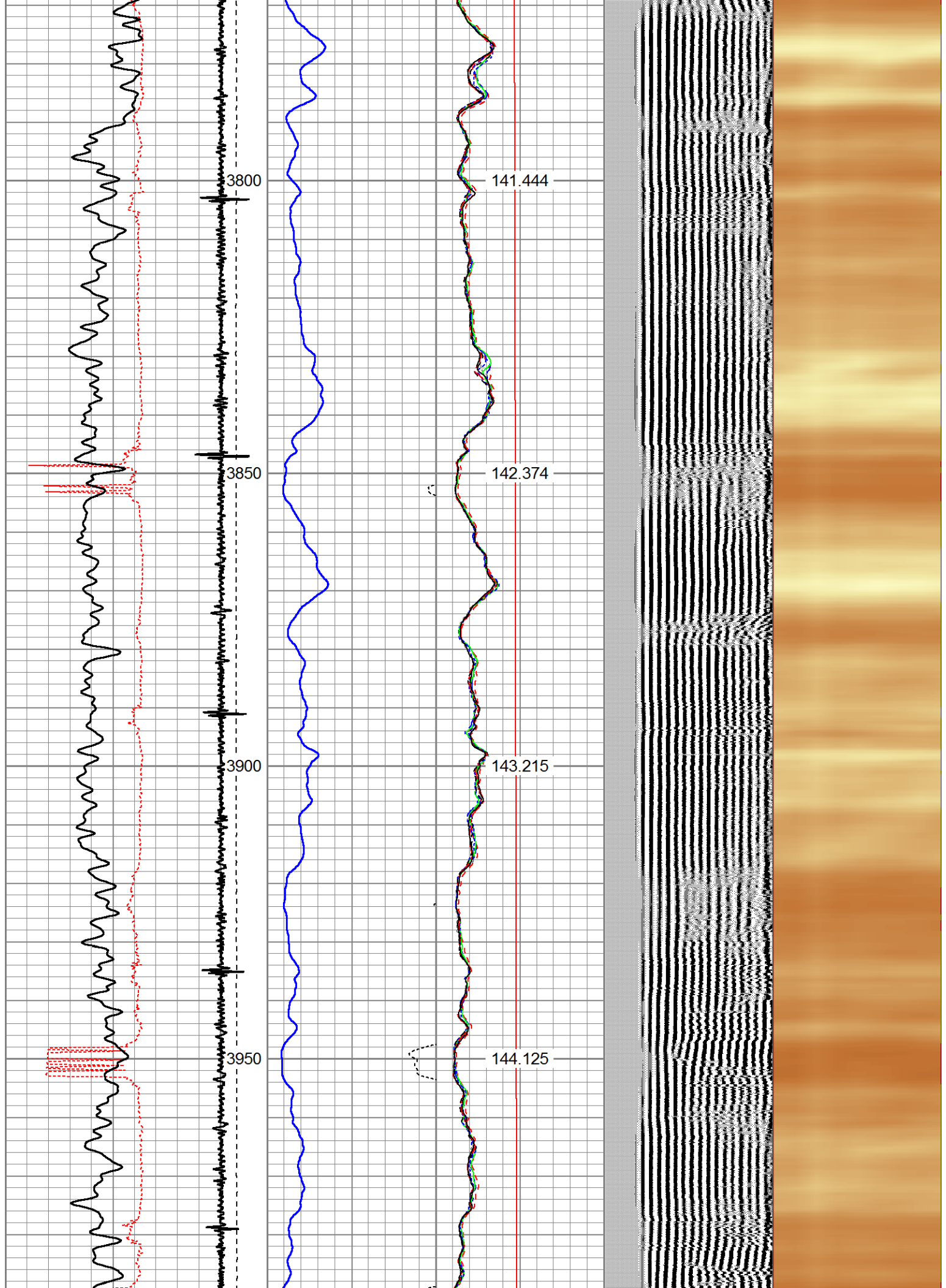
130.328

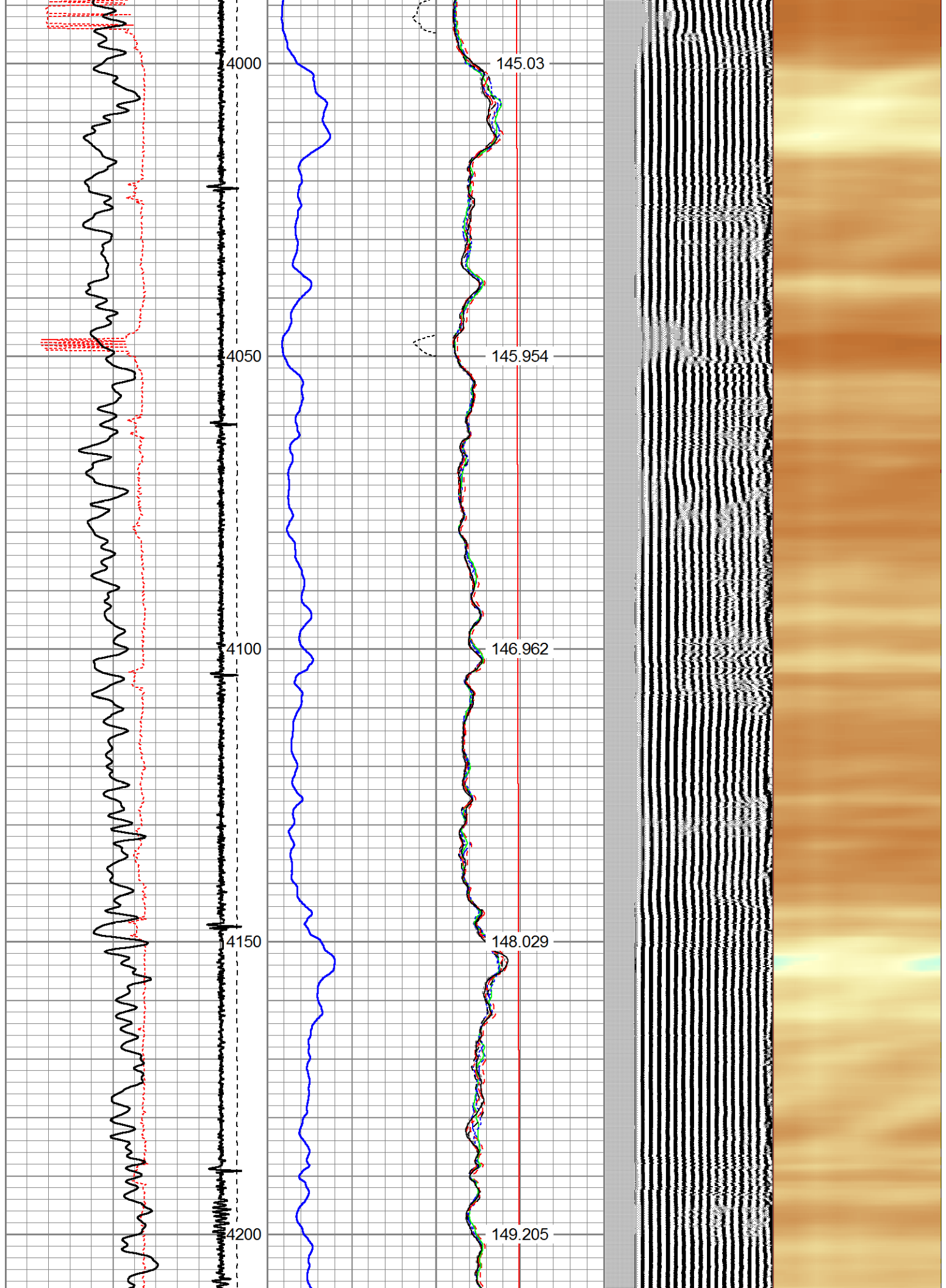
131.783

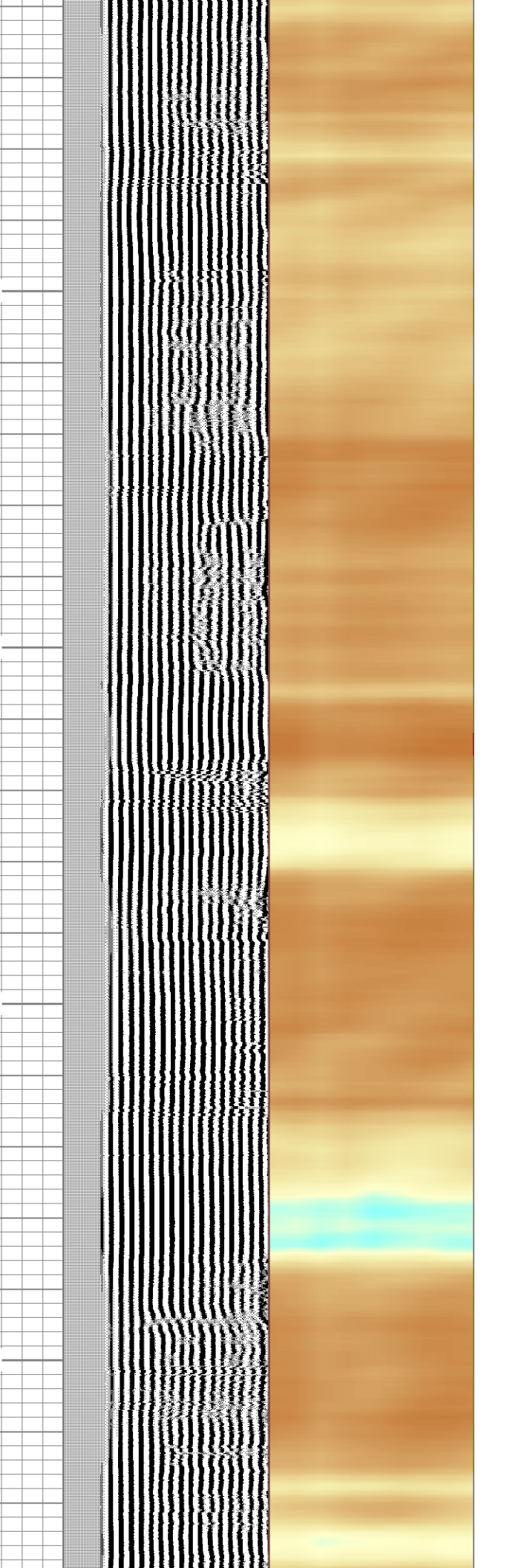
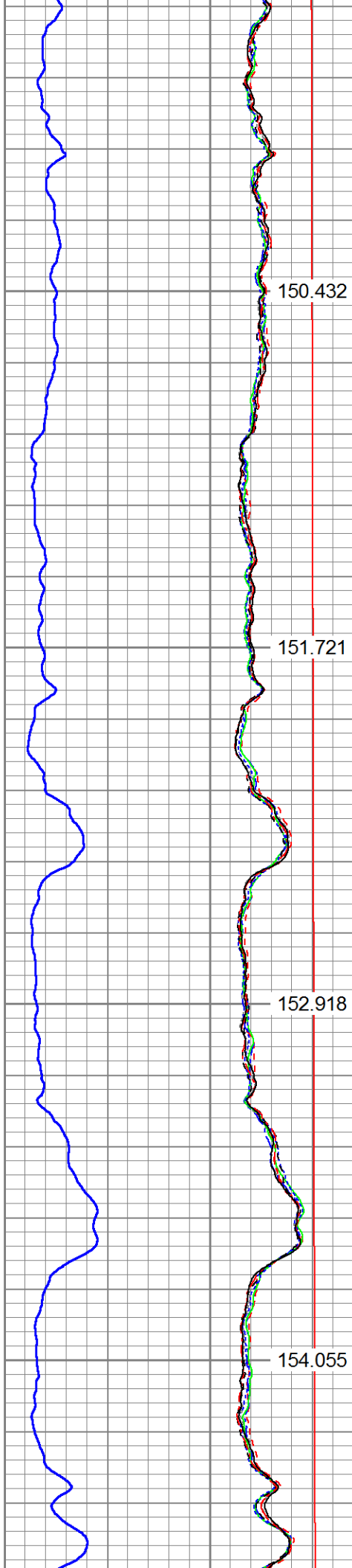
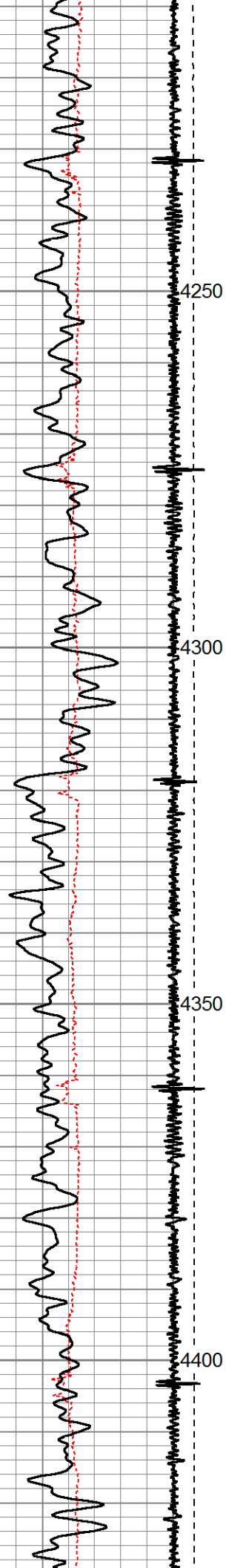
133.129

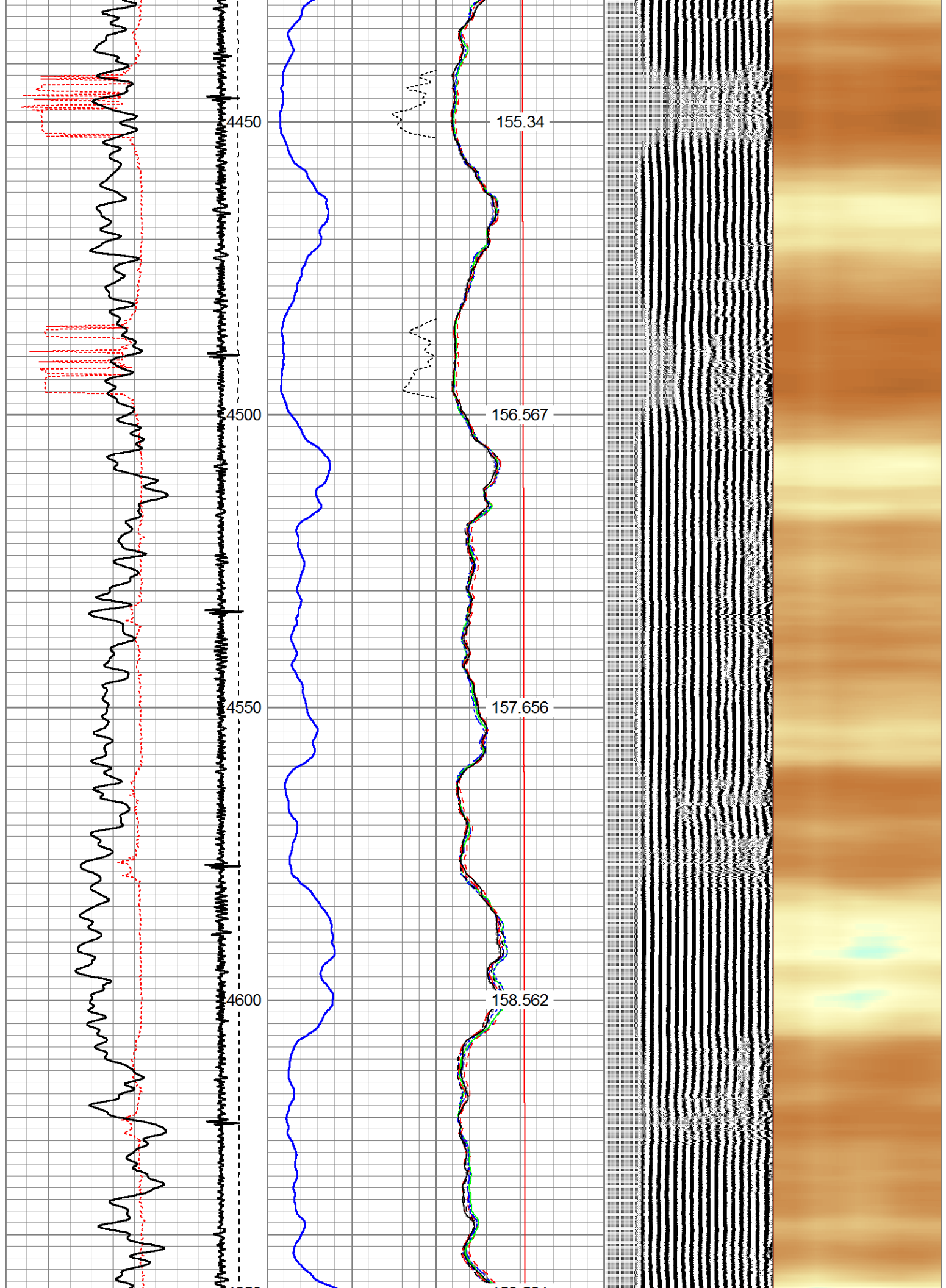


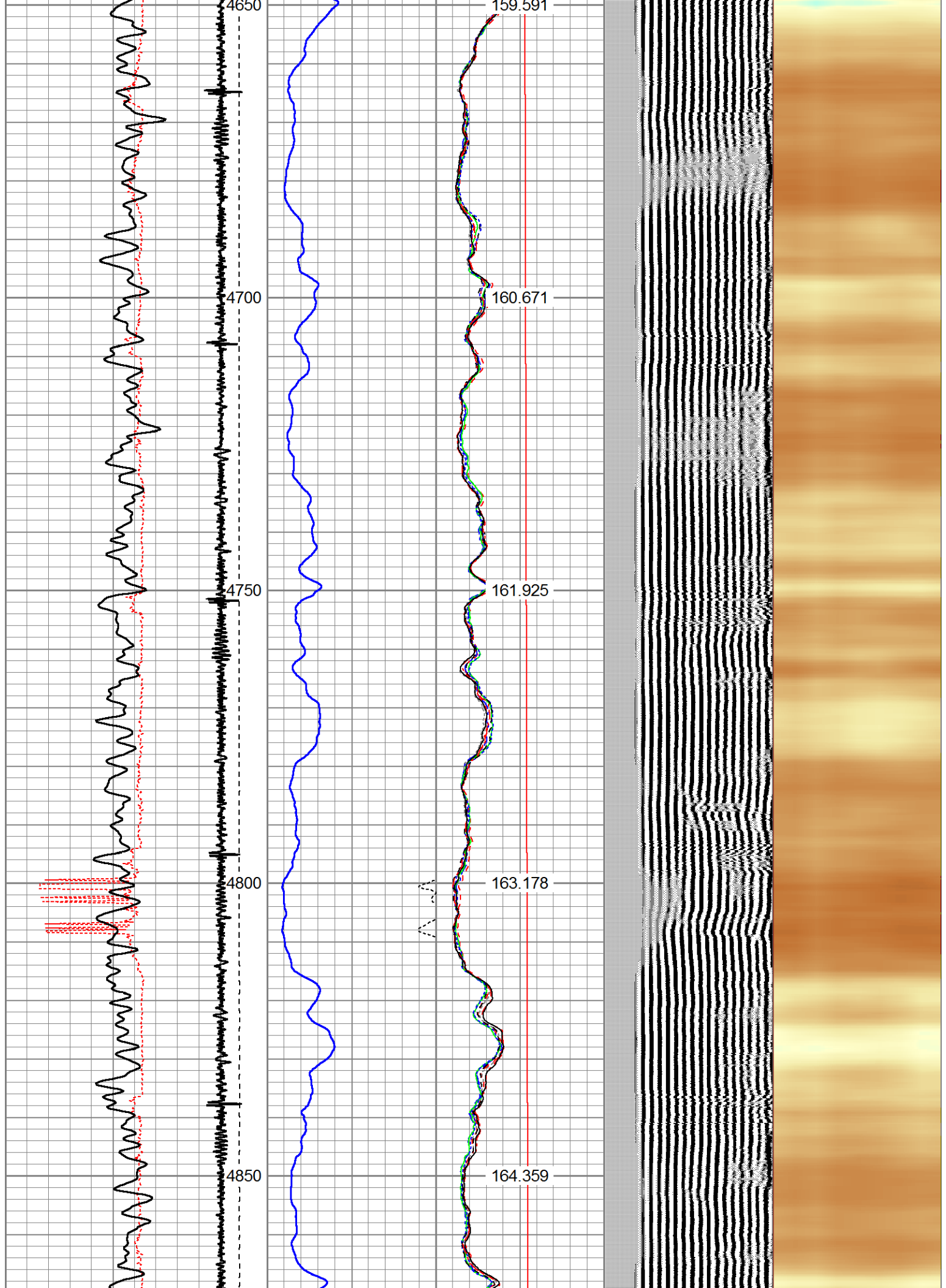


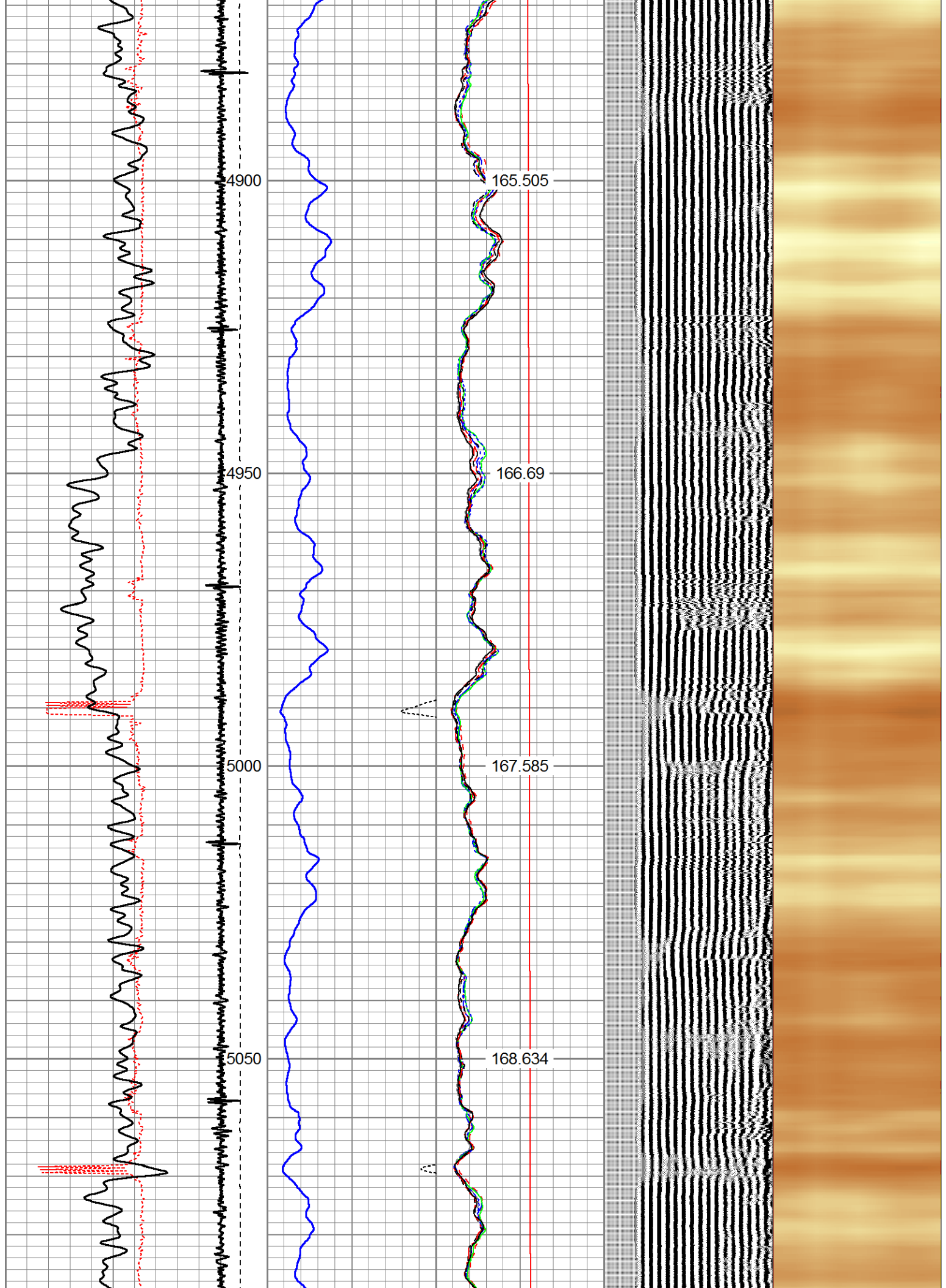


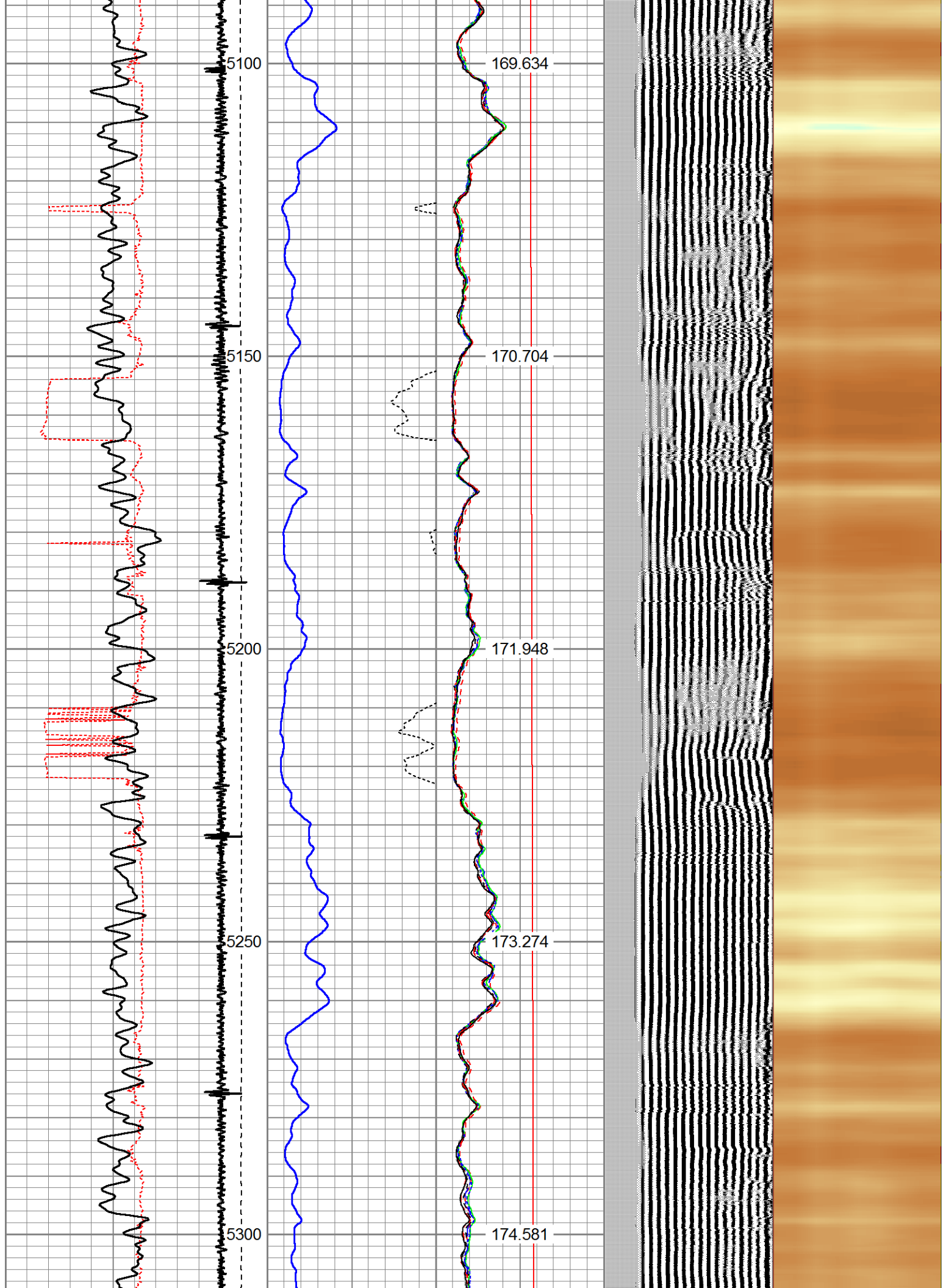


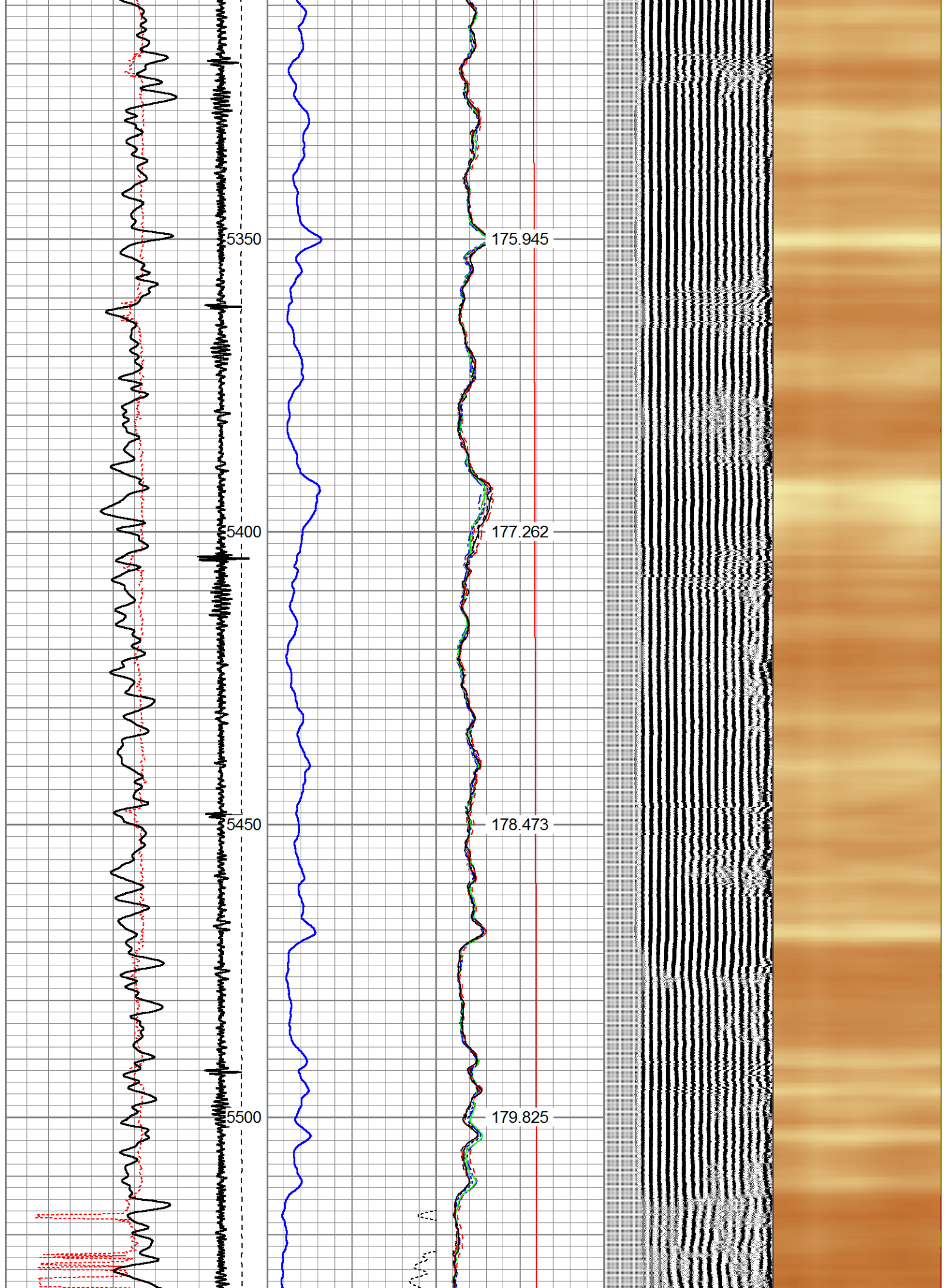


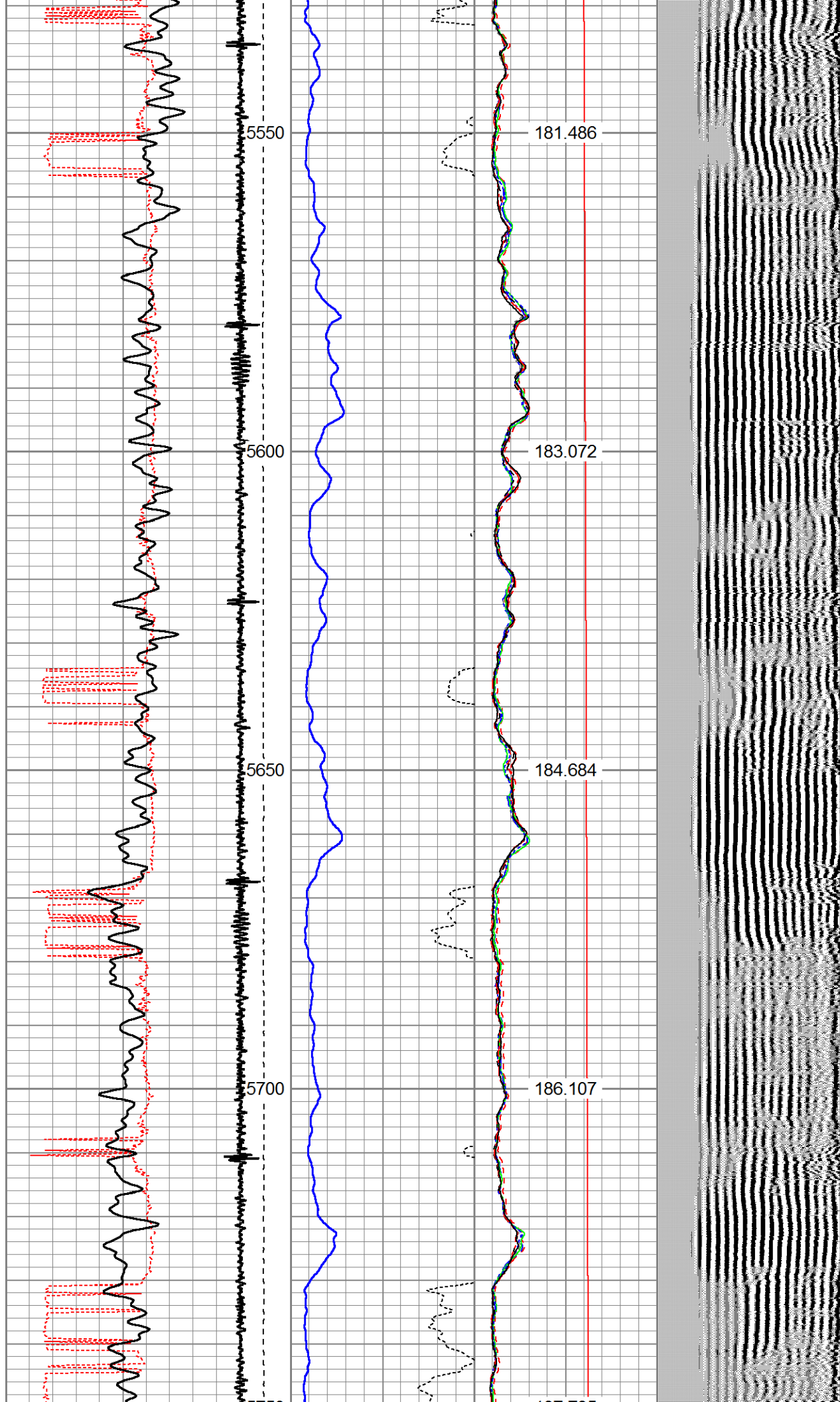


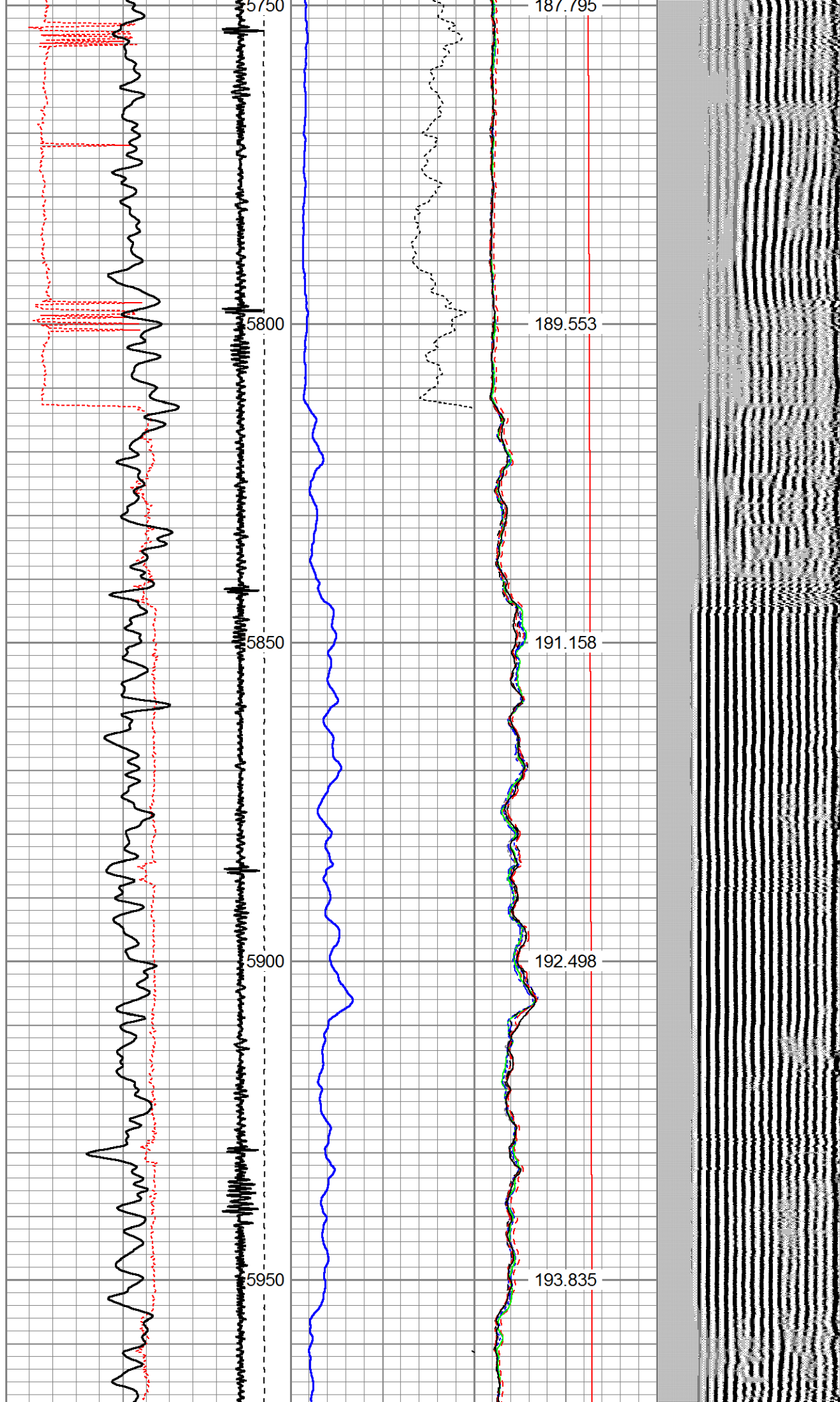


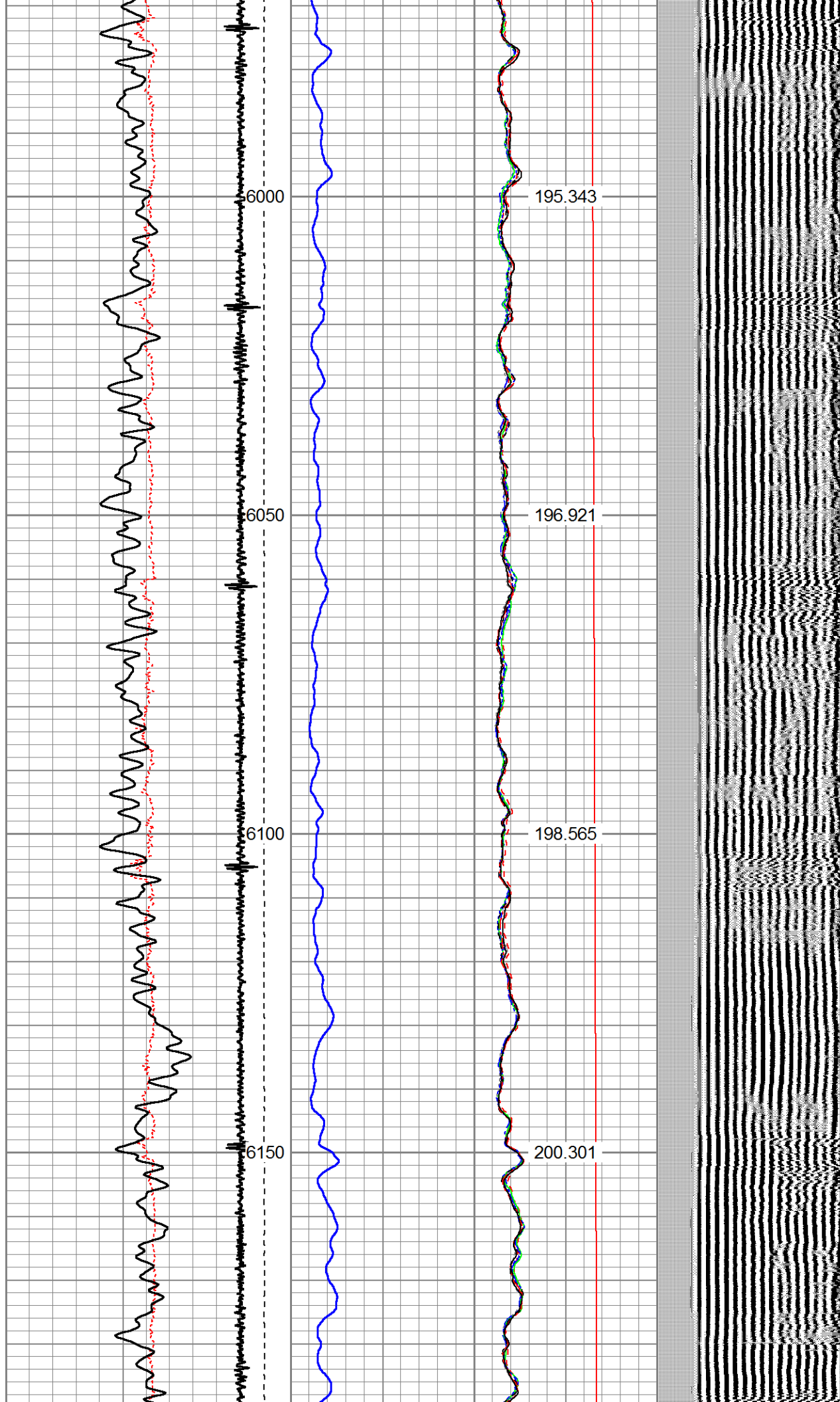


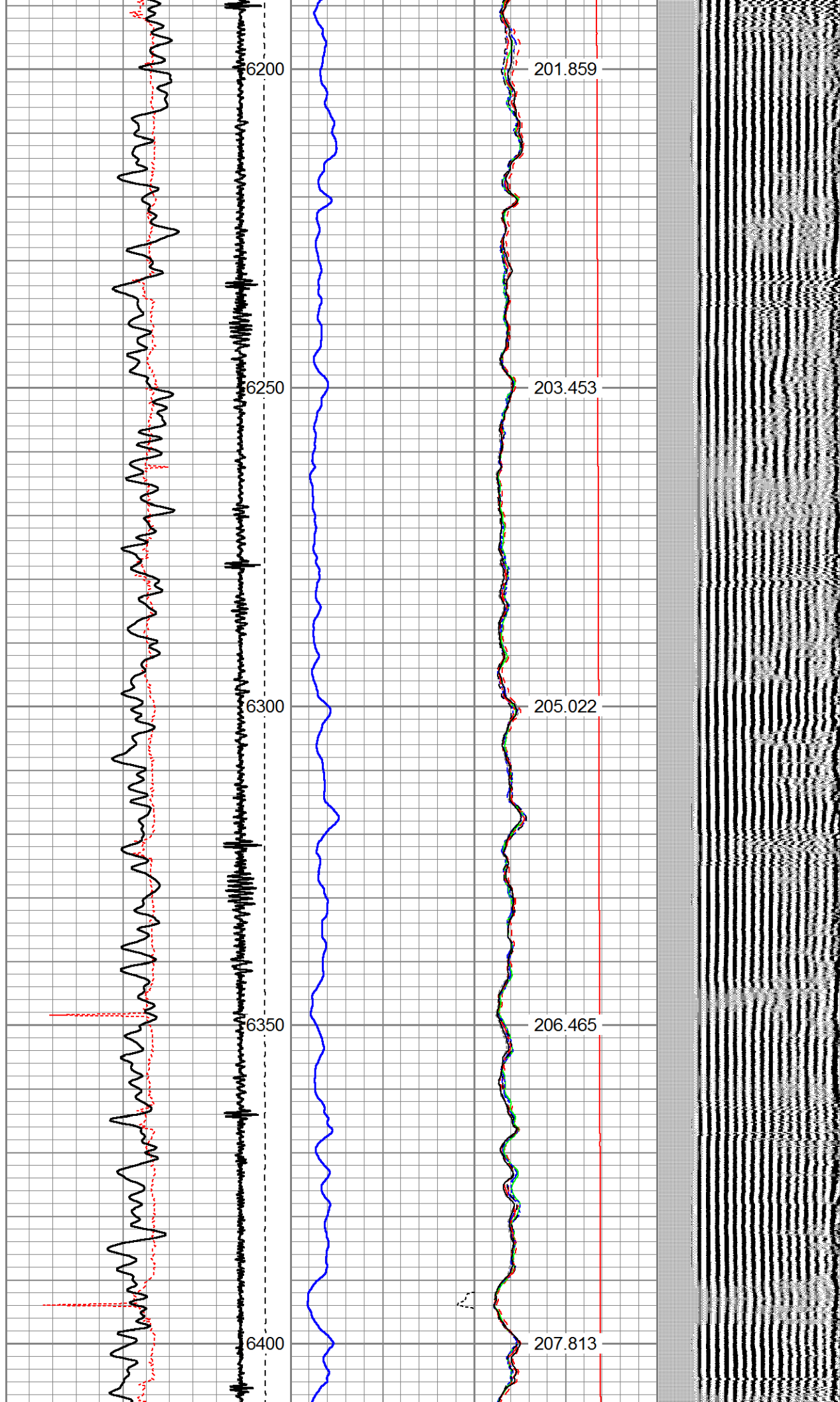


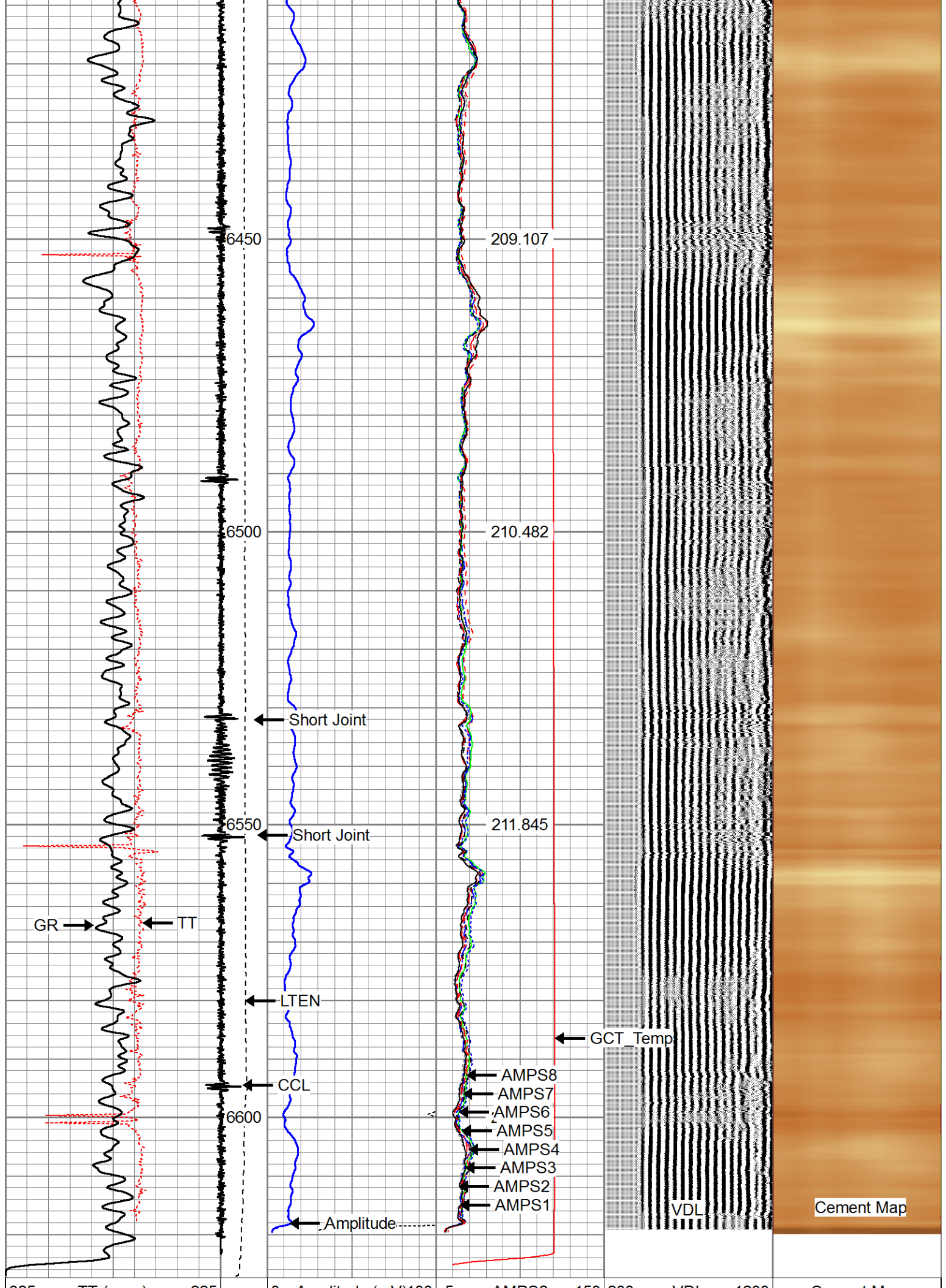


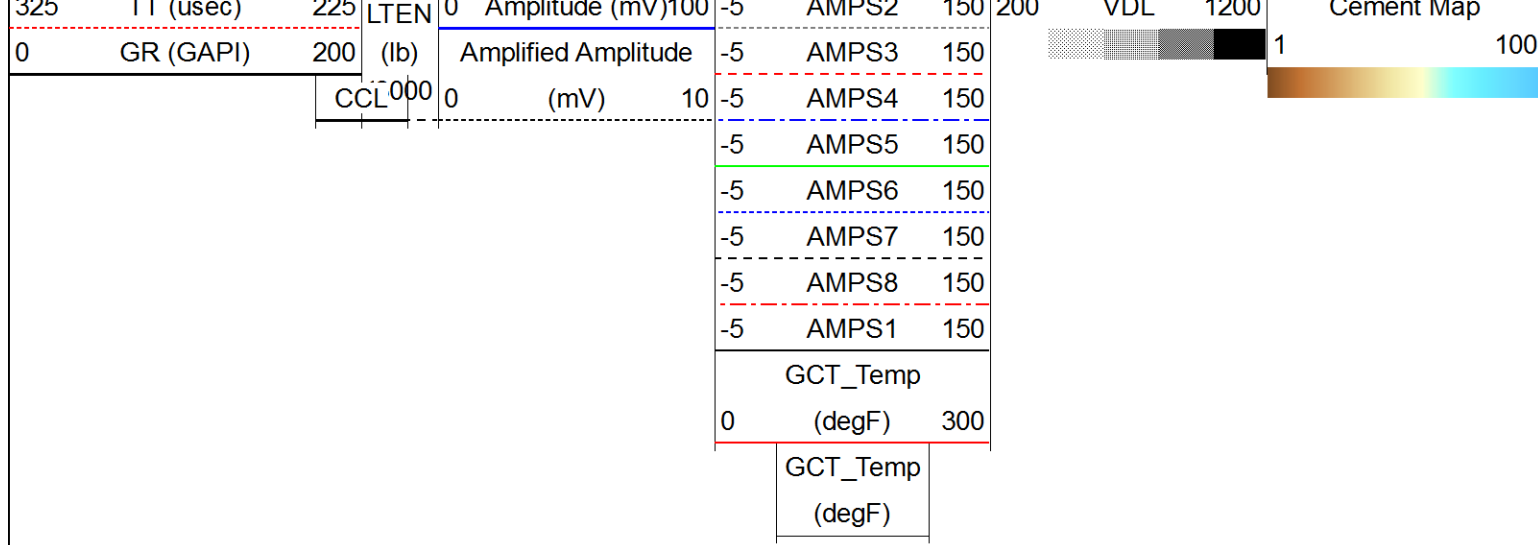













	Company	SRC ENERGY	
	Well	GOLDEN EAGLE 28N-1B-M	
	Field	WATTENBERG	
	County	WELD	
	State	COLORADO	Country USA