



**CEMENT BOND LOG
W/ GAMMA RAY, CCL
VDL**

Company	Civitas Resources	Country	USA
Well	Johnson X1 1-1-16		
Field	Wattenburg		
County	Weld		
State	Colorado		
Location:	SHL 2564' FSL & 1655' FWL SE SW SHL SEC 31, TWP 5N RGE 65W BHL 735' FNL & 628' FWL NW/NW SERHIL SECT 4N RGE 65W	API #: 05-123-26716	Other Services
Permanent Datum	GL	Elevation	
Log Measured From	KB		K.B. D.F. G.L.
Drilling Measured From	KB		

Date	18 JULY 2023
Run Number	ONE
Depth Driller	8119
Depth Logger	7500
Bottom Logged Interval	7499
Top Log Interval	SURFACE
Open Hole Size	7 7/8"
Type Fluid	WATER
Density / Viscosity	----
Max. Recorded Temp.	233
Estimated Cement Top	SEE LOG
Time Well Ready	ROA
Time Logger on Bottom	2135
Equipment Number	72
Location	PLATTEVILLE
Recorded By	C. AFDAHL
Witnessed By	M. LINDSEY

Borehole Record			Tubing Record				
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record							
Surface String	8 5/8"			24#		SURFACE	Bottom
Prot. String	4 1/2"			11.6#		SURFACE	1199
Production String							8063'
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

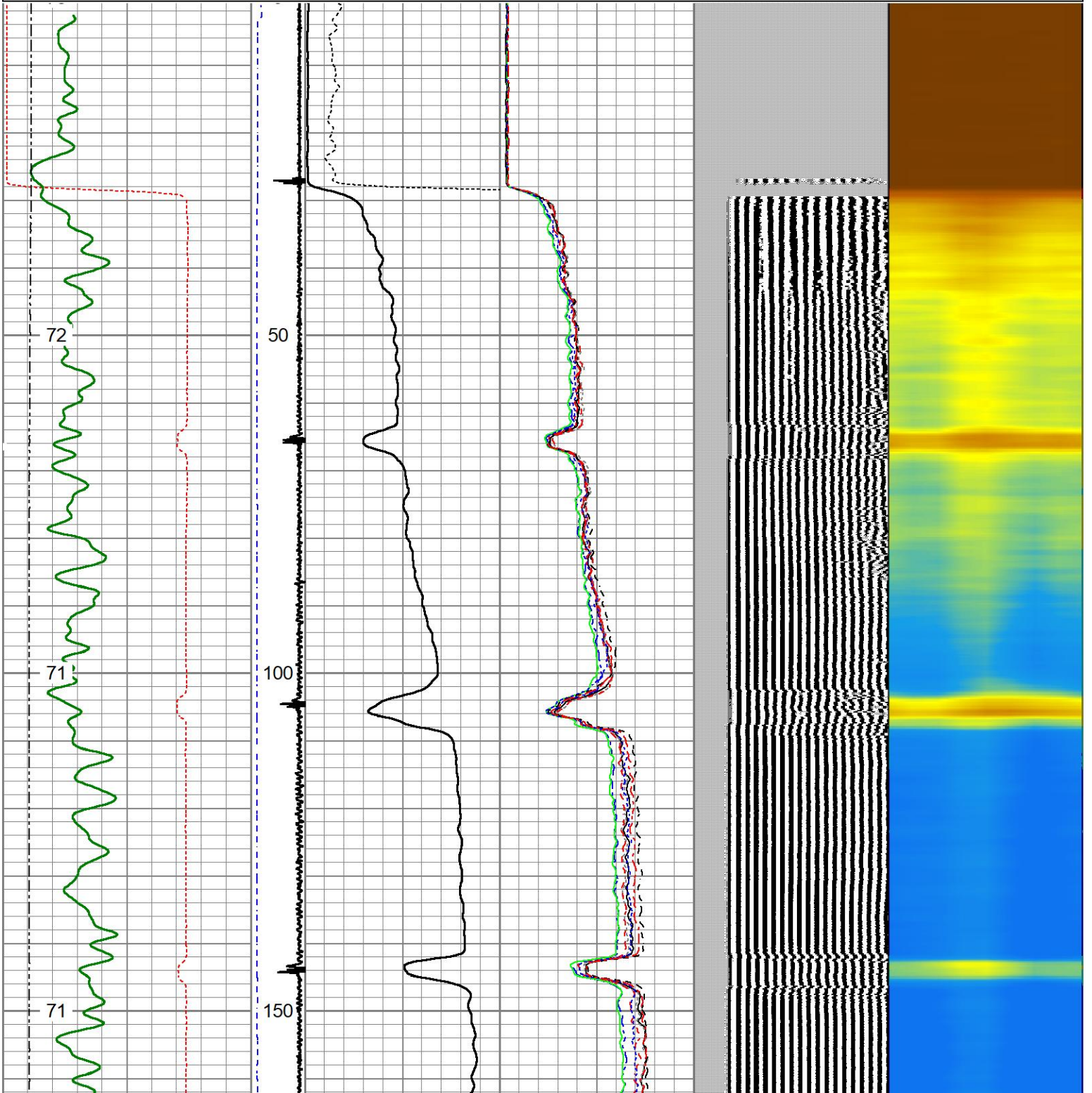
LOG RAN OFF OF KB

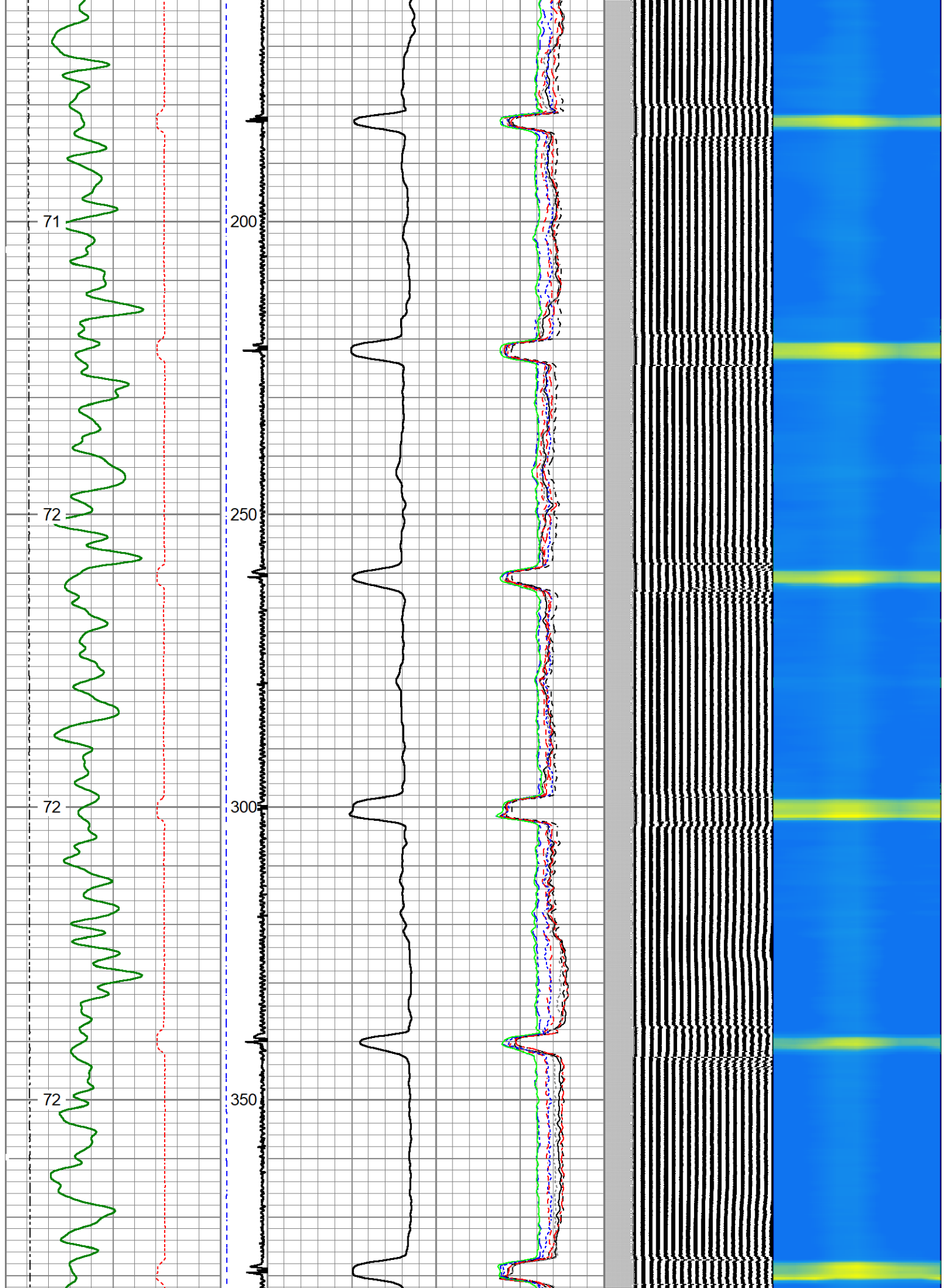


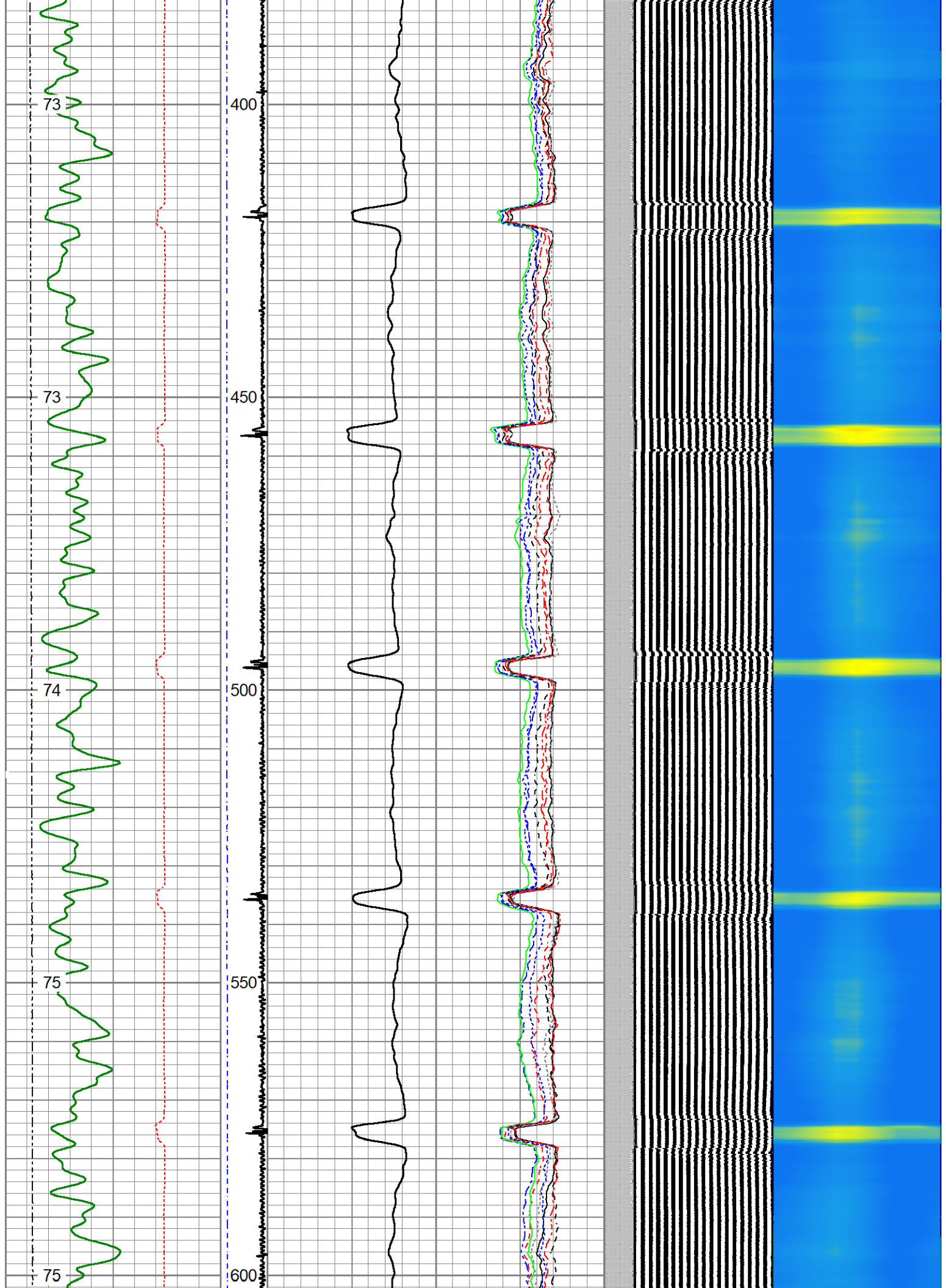
LOG RAN UNDER 0 PSI

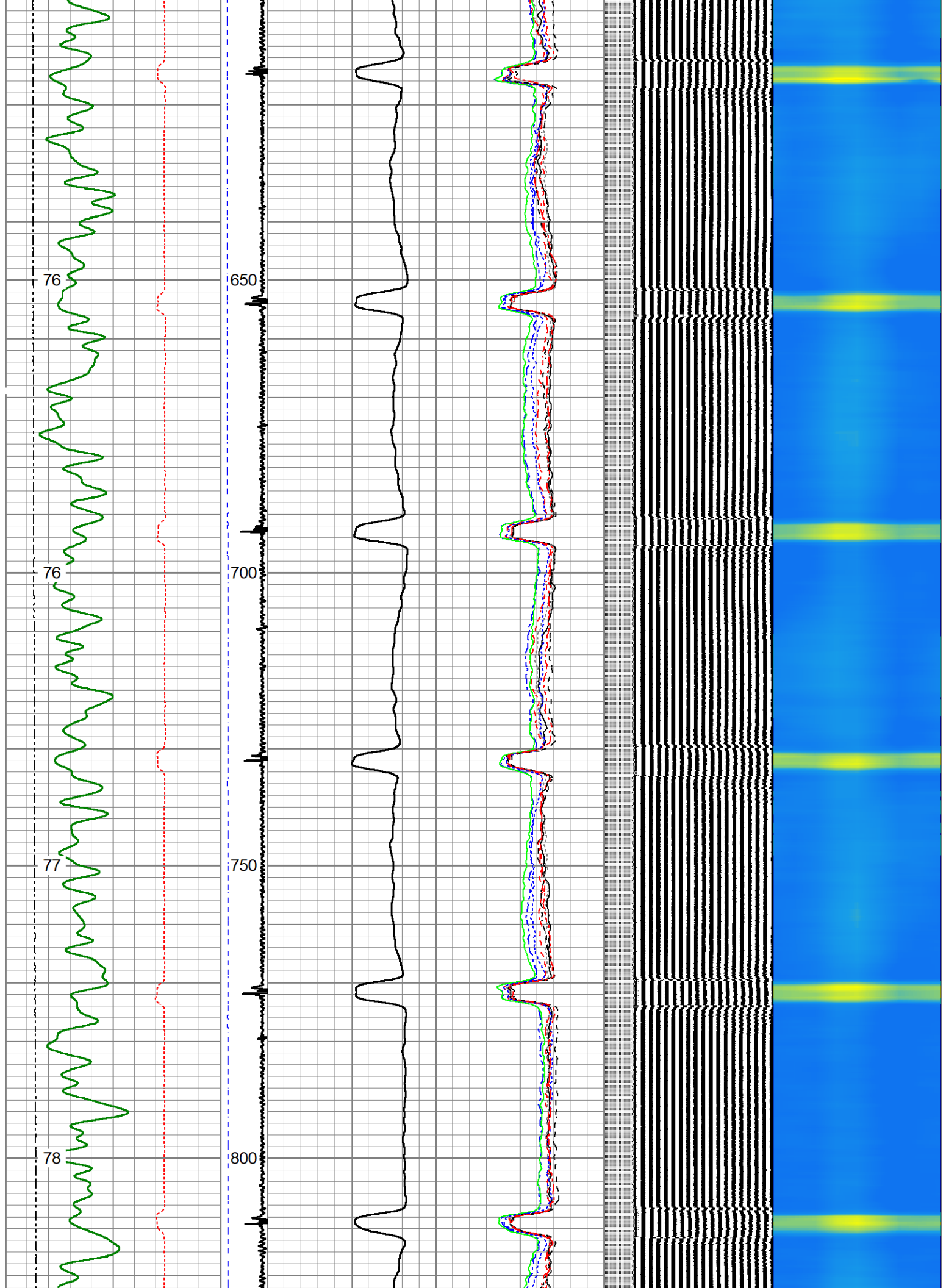
Database File civitas_johnson_x1_07-18-23.db
 Dataset Pathname RCBL/pass9
 Presentation Format klx_rcbl
 Dataset Creation Tue Jul 18 22:35:36 2023
 Charted by Depth in Feet scaled 1:240

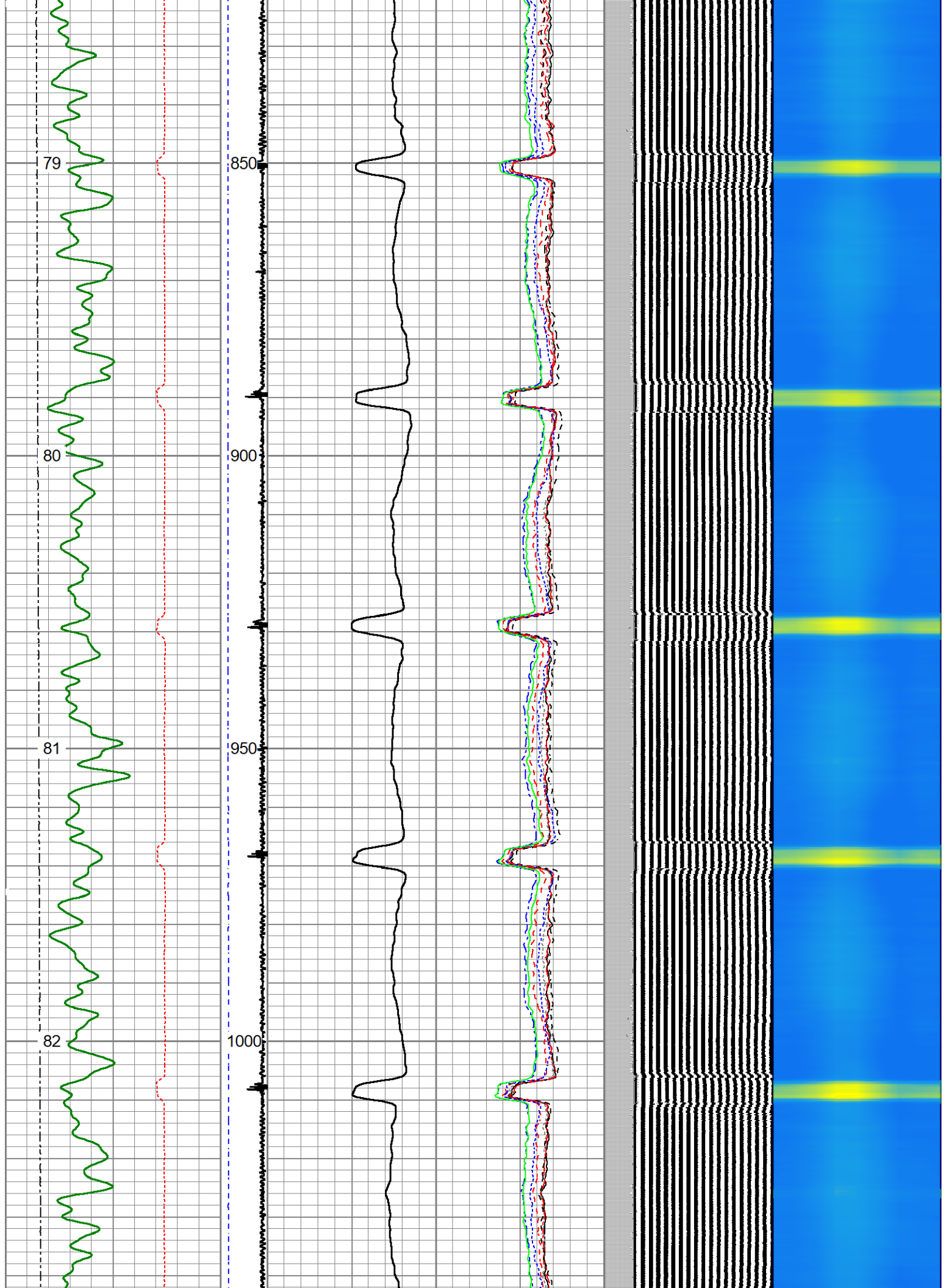
400	Travel Time (usec)	200	ing Co	0	Amplitude (mV)	100	-5	Sector 1	150	Variable Density (usec) 1200	1	Cement Map	8
0	Gamma Ray (GAPI)	150	9 -1		Amplified Amplitude		-5	Sector 2	150				
50	TEMP (degF)	250	e Tens	0	(mV)	10	-5	Sector 3	150				
	TEMP		(lb)				-5	Sector 4	150				
	(degF)		(2000				-5	Sector 5	150				
							-5	Sector 6	150				
							-5	Sector 7	150				
							-5	Sector 8	150				

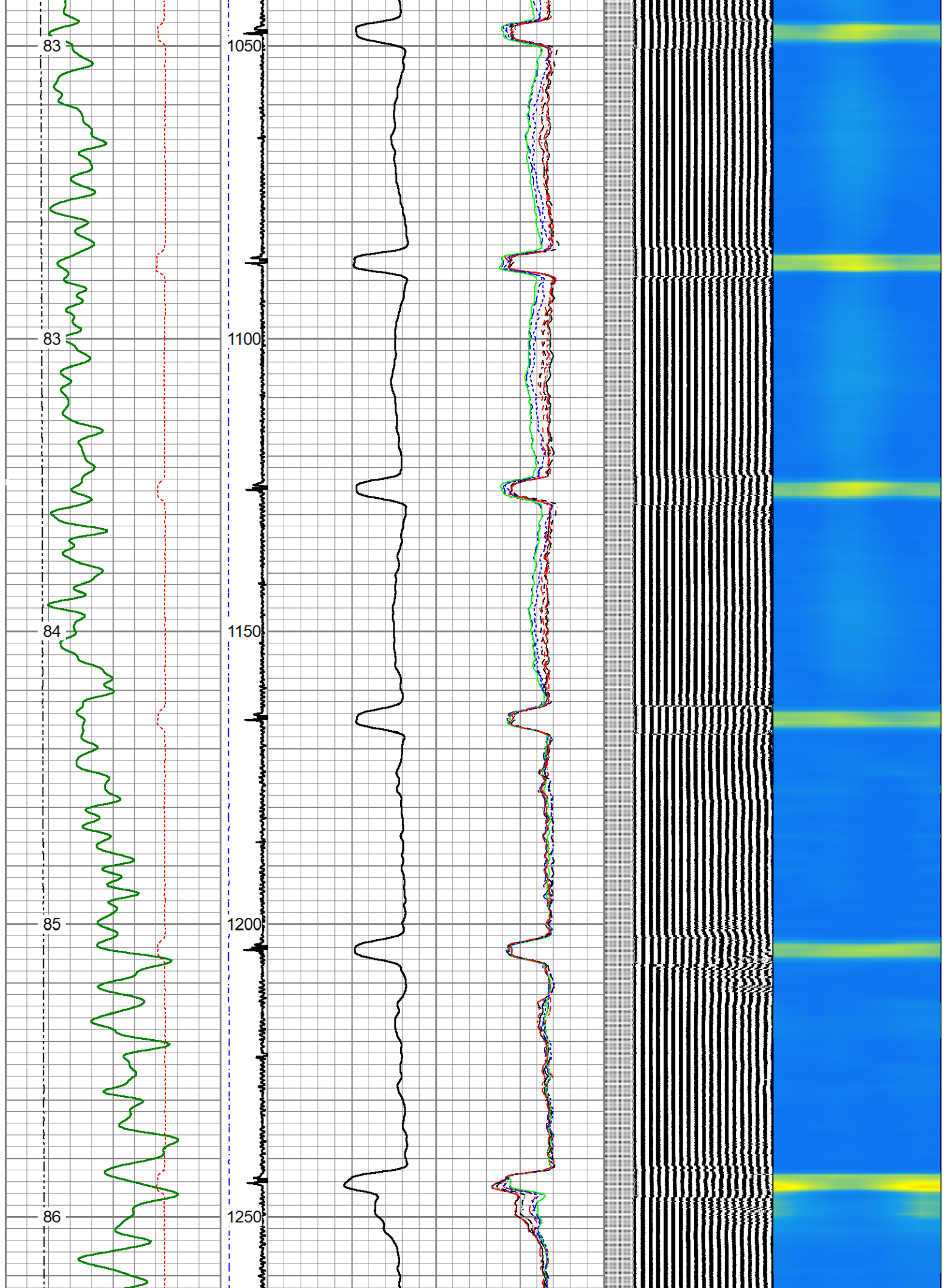


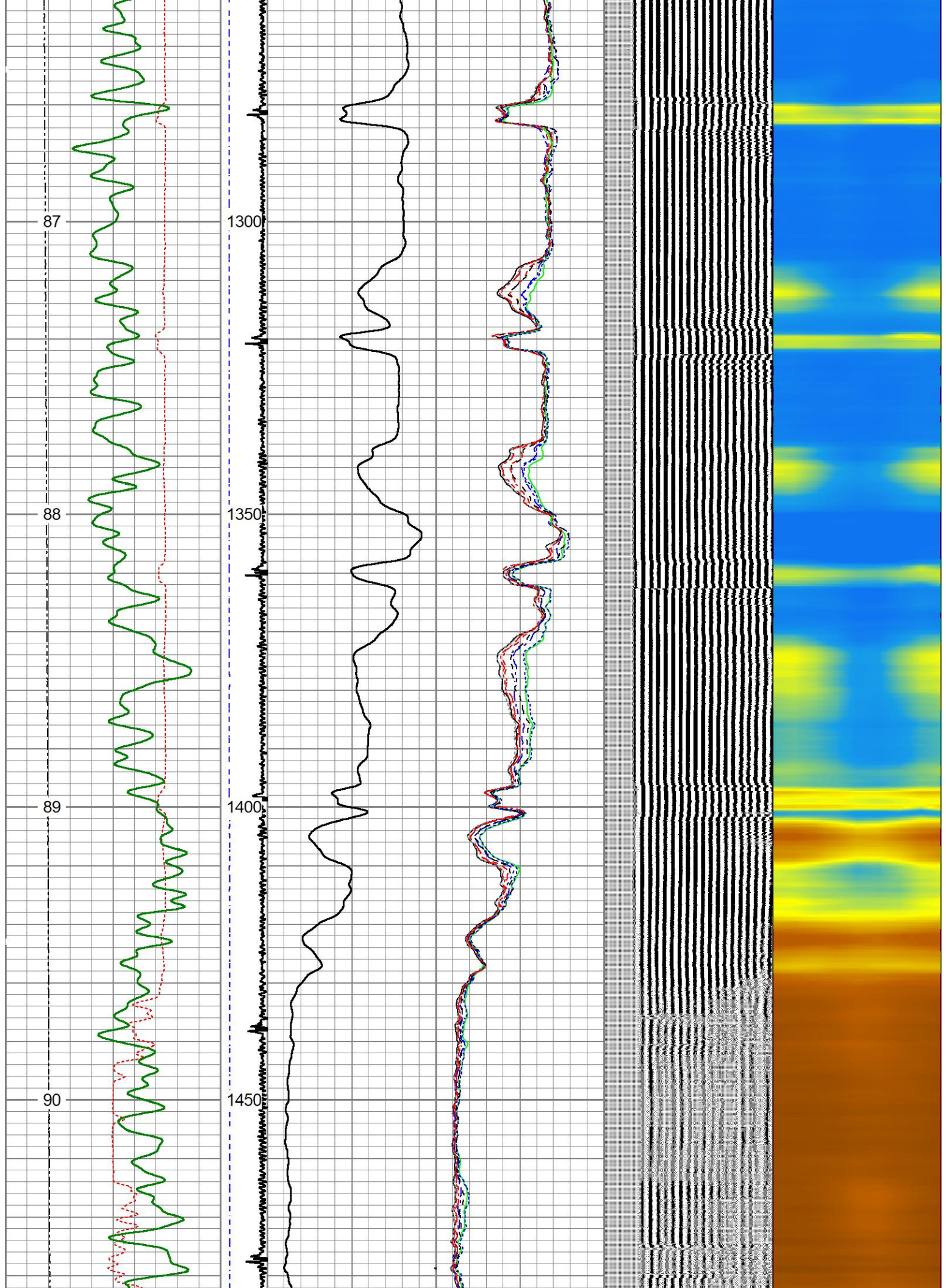


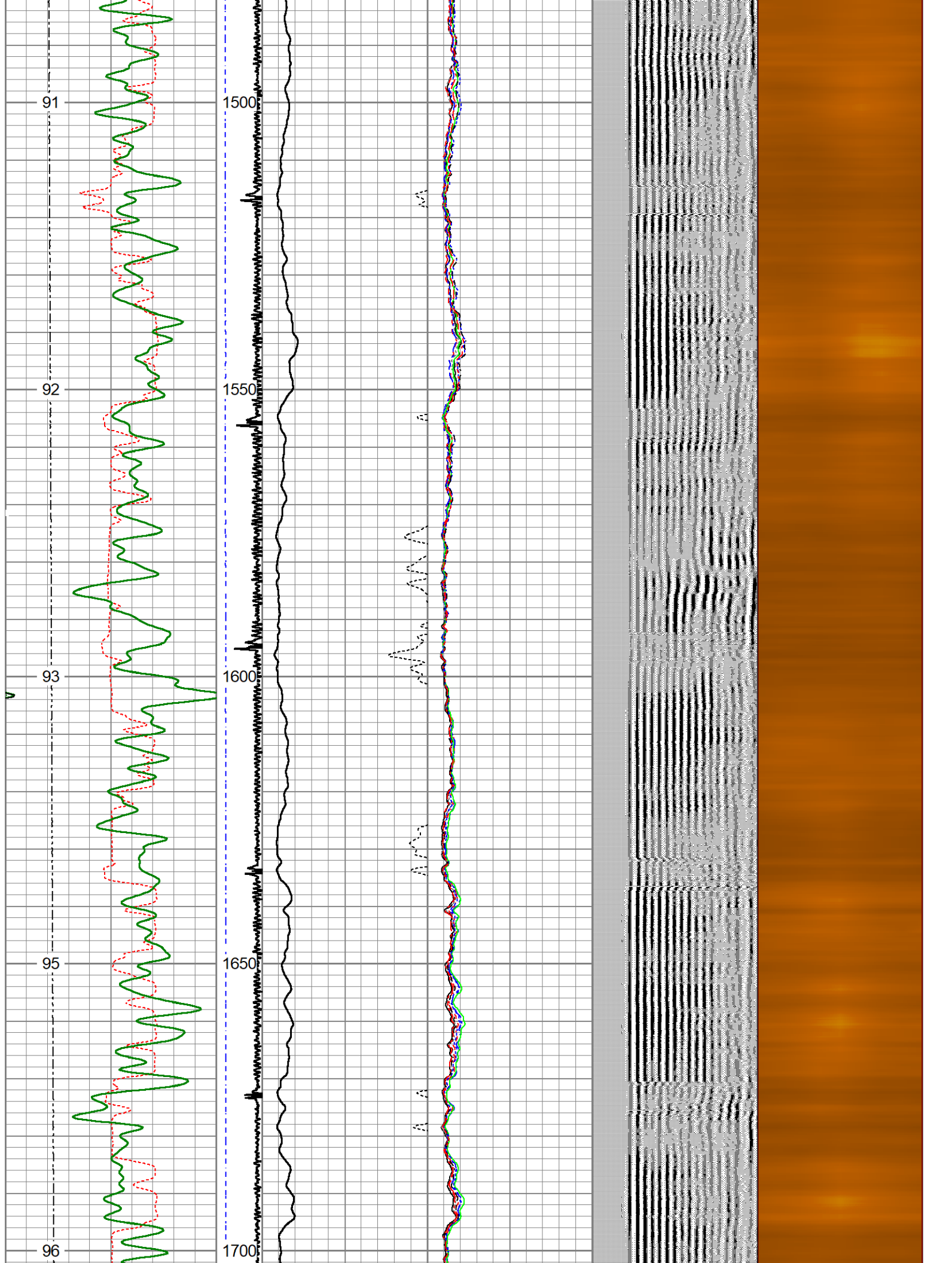


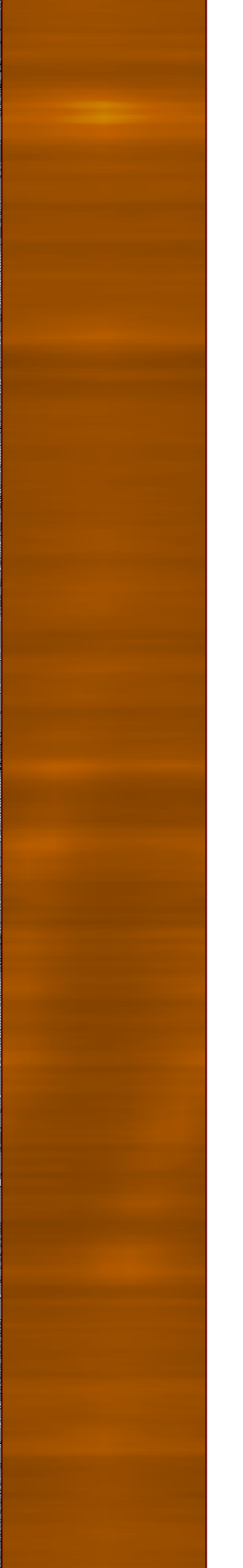
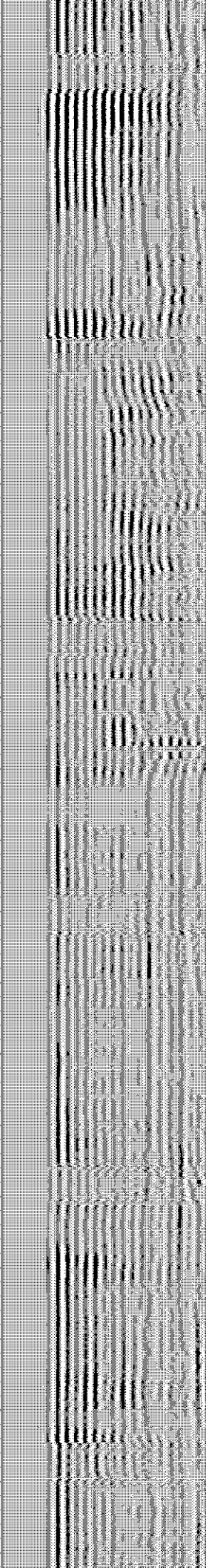
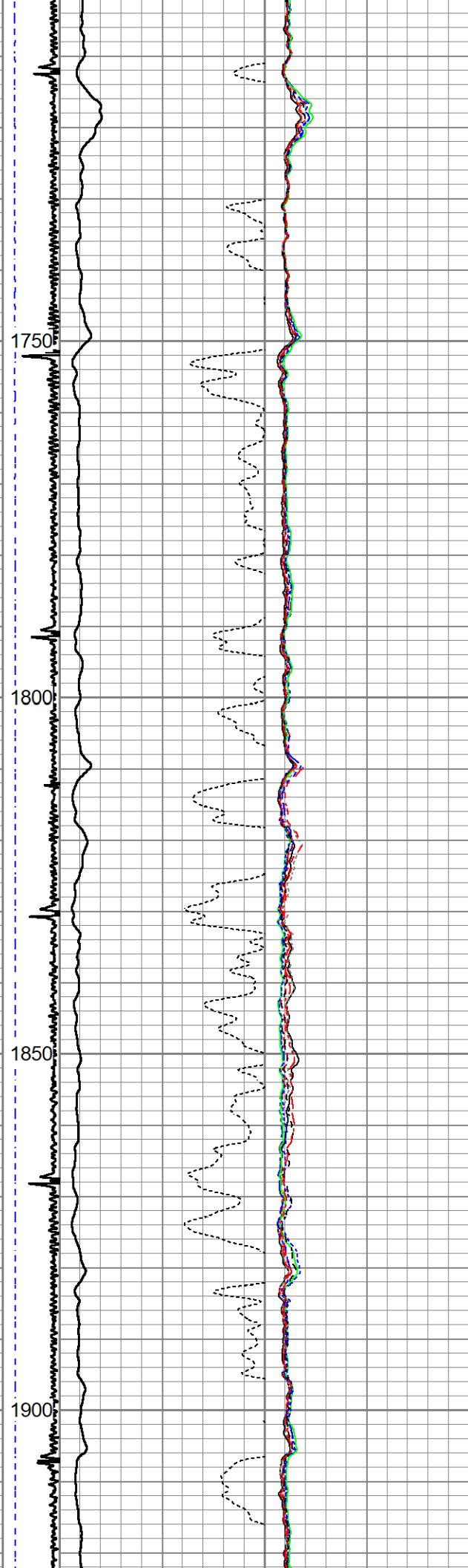
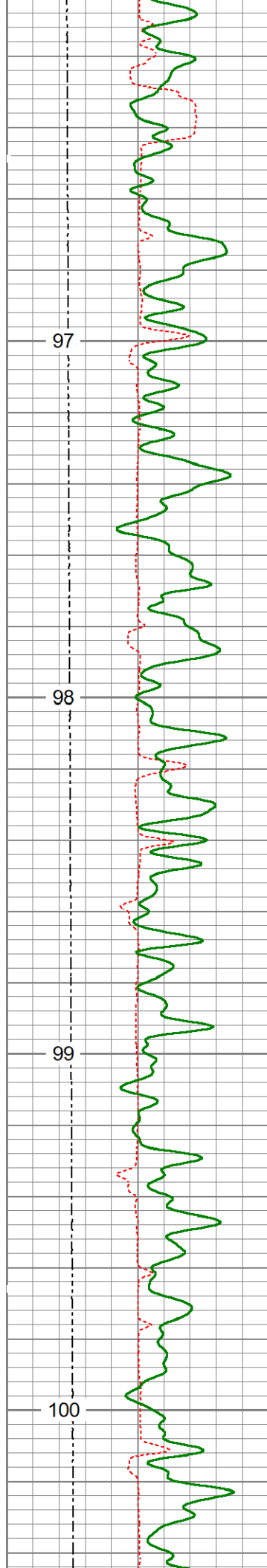


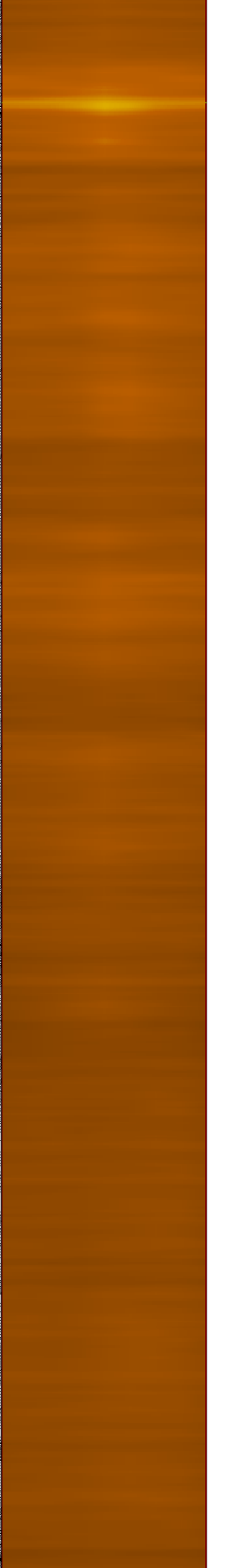
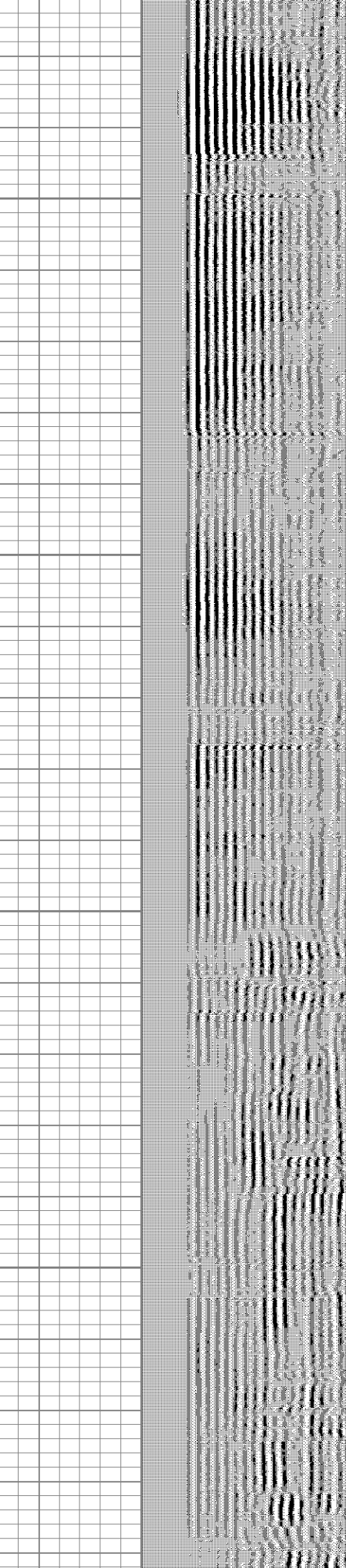
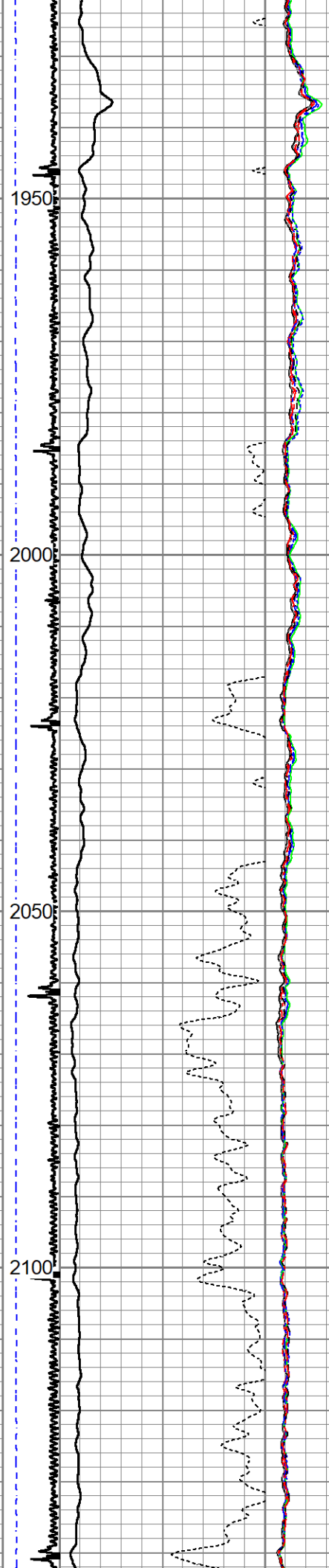
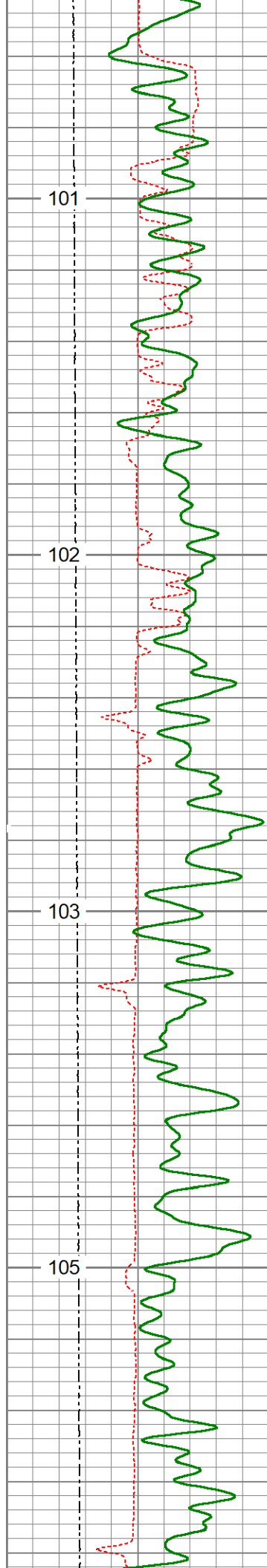


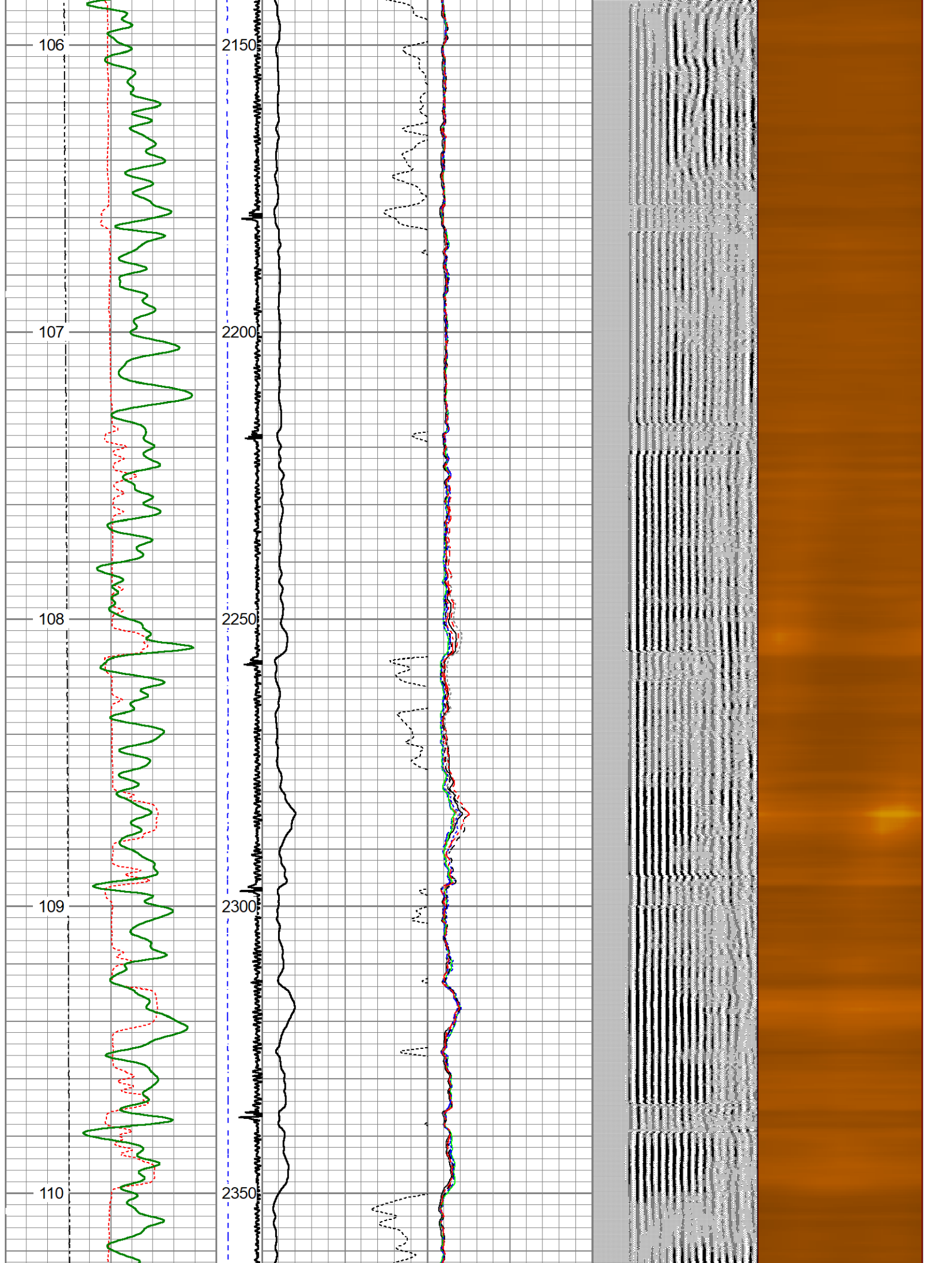


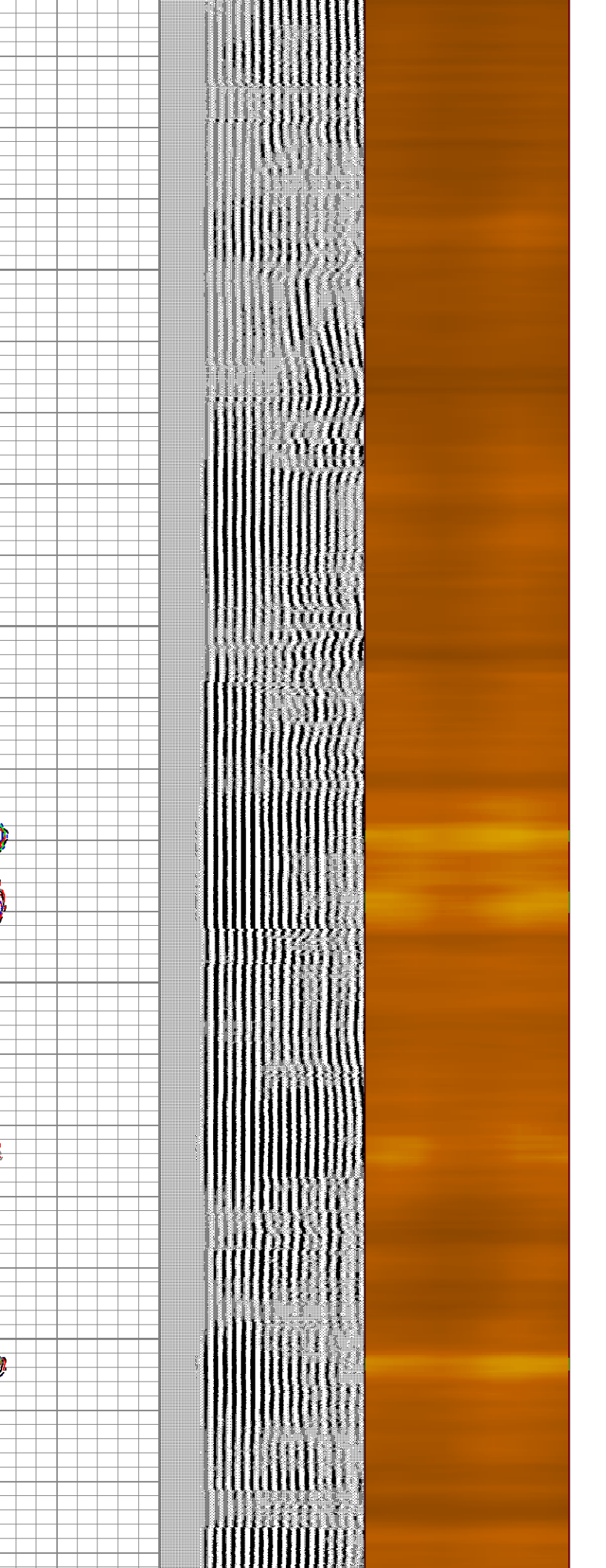
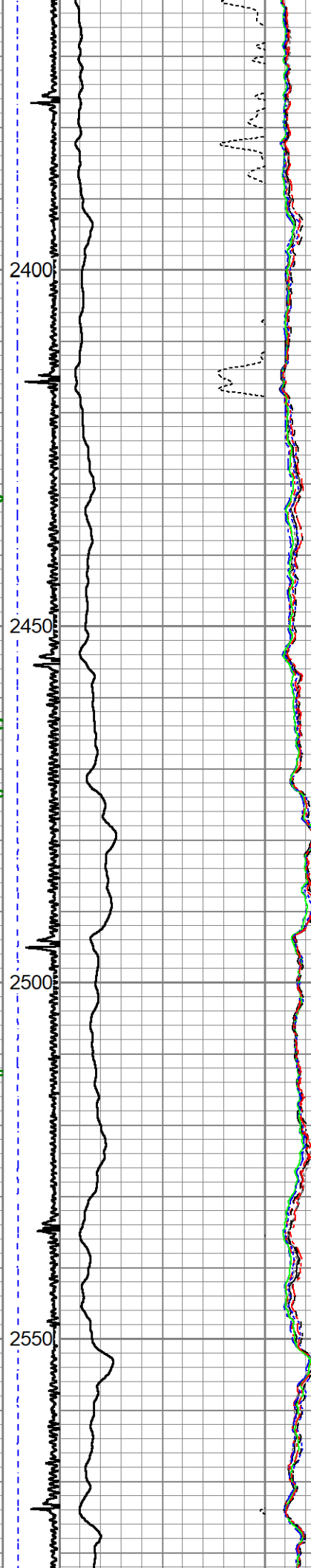
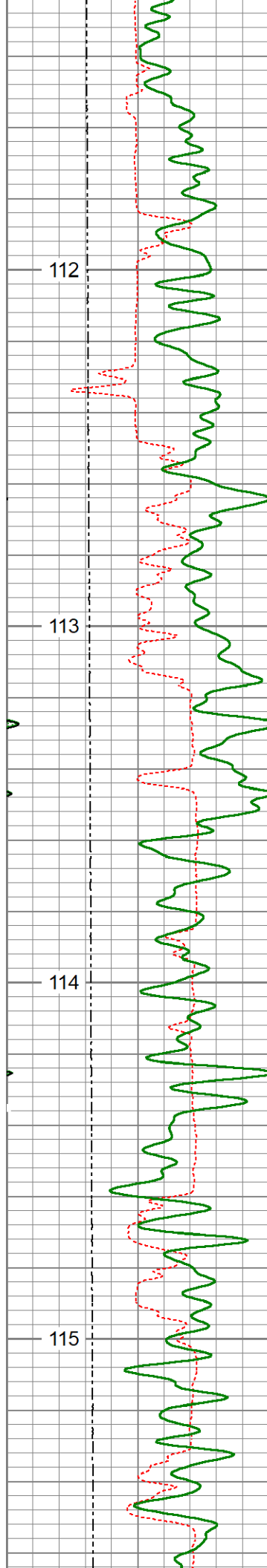


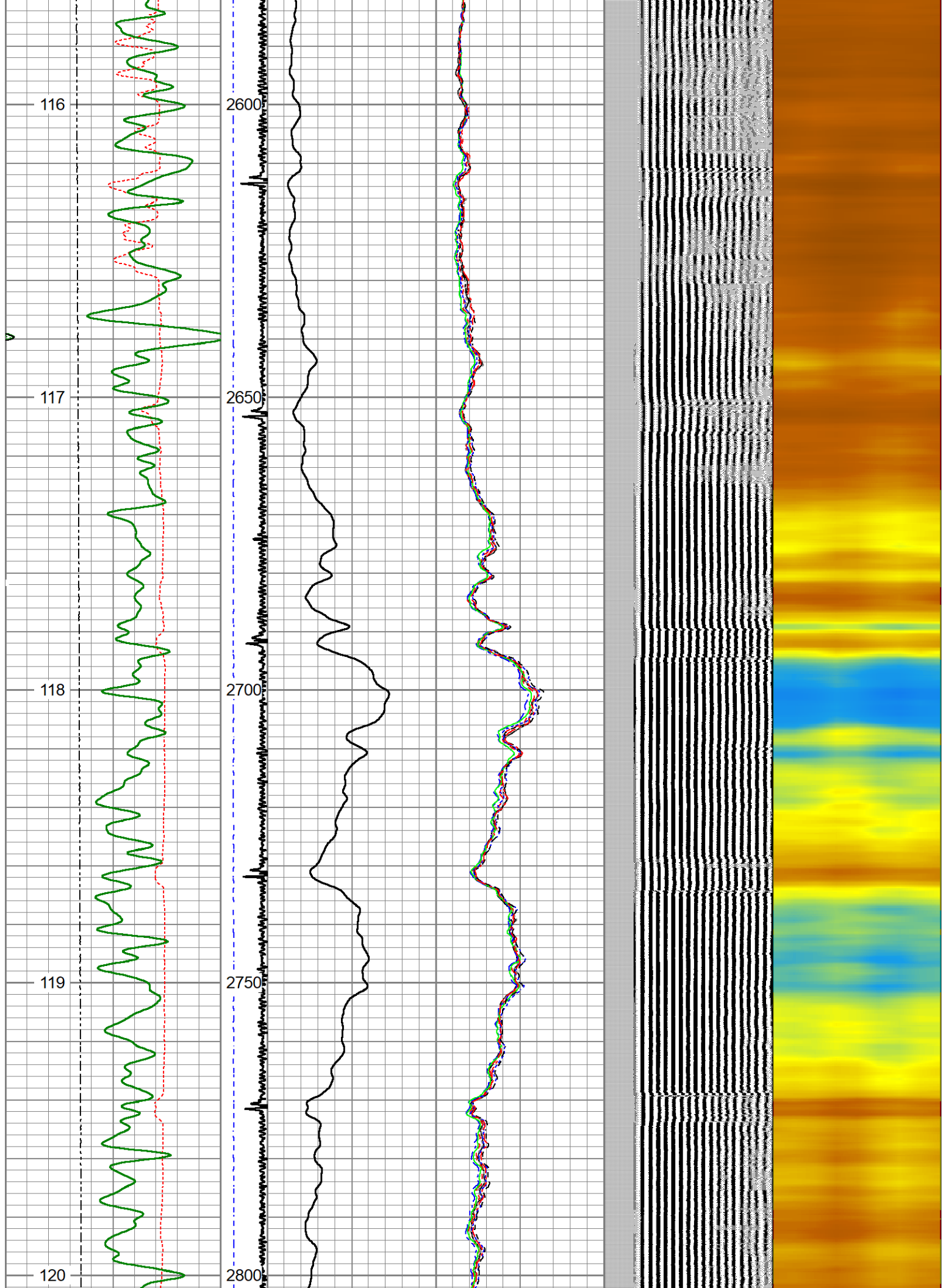


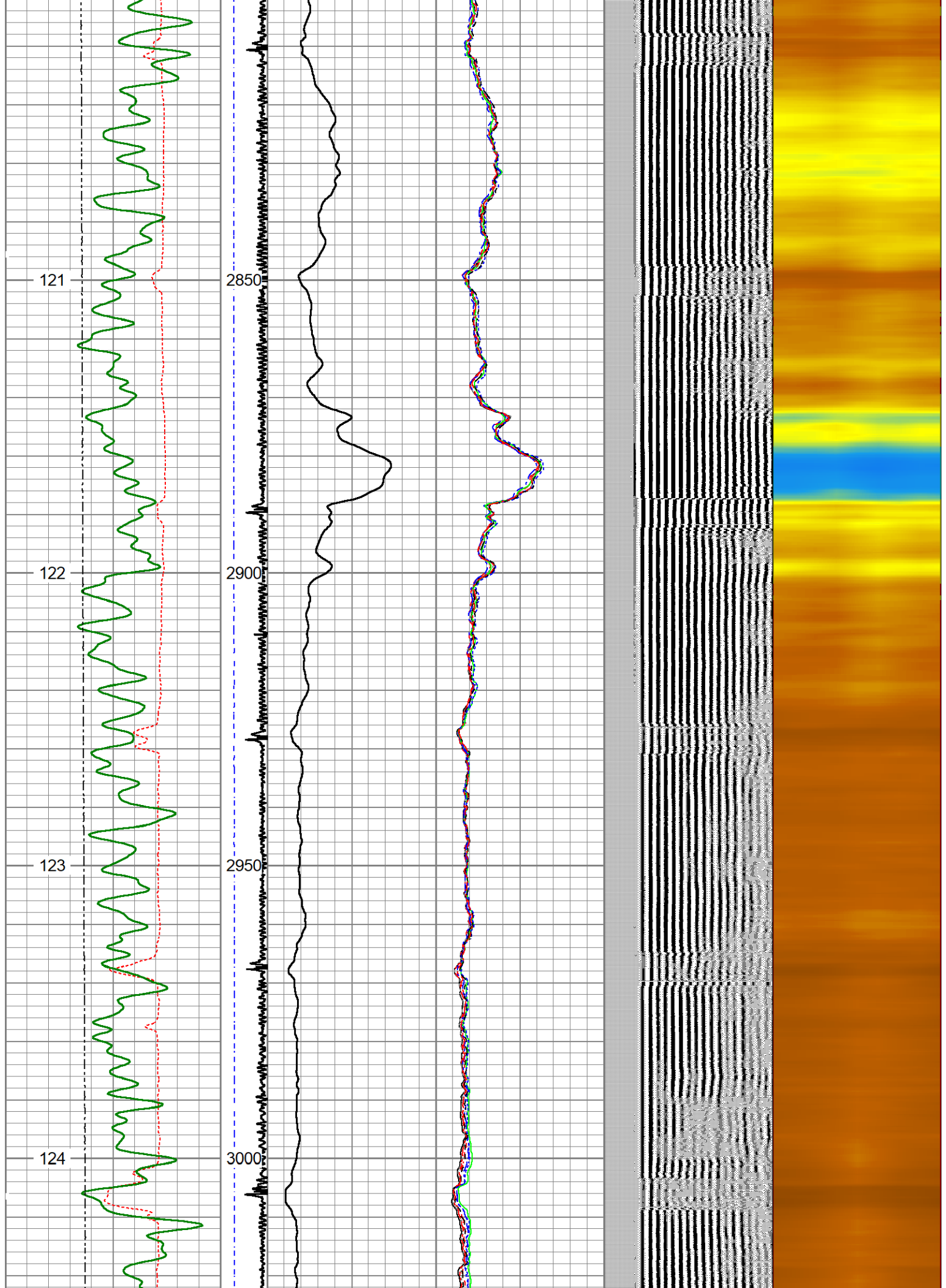


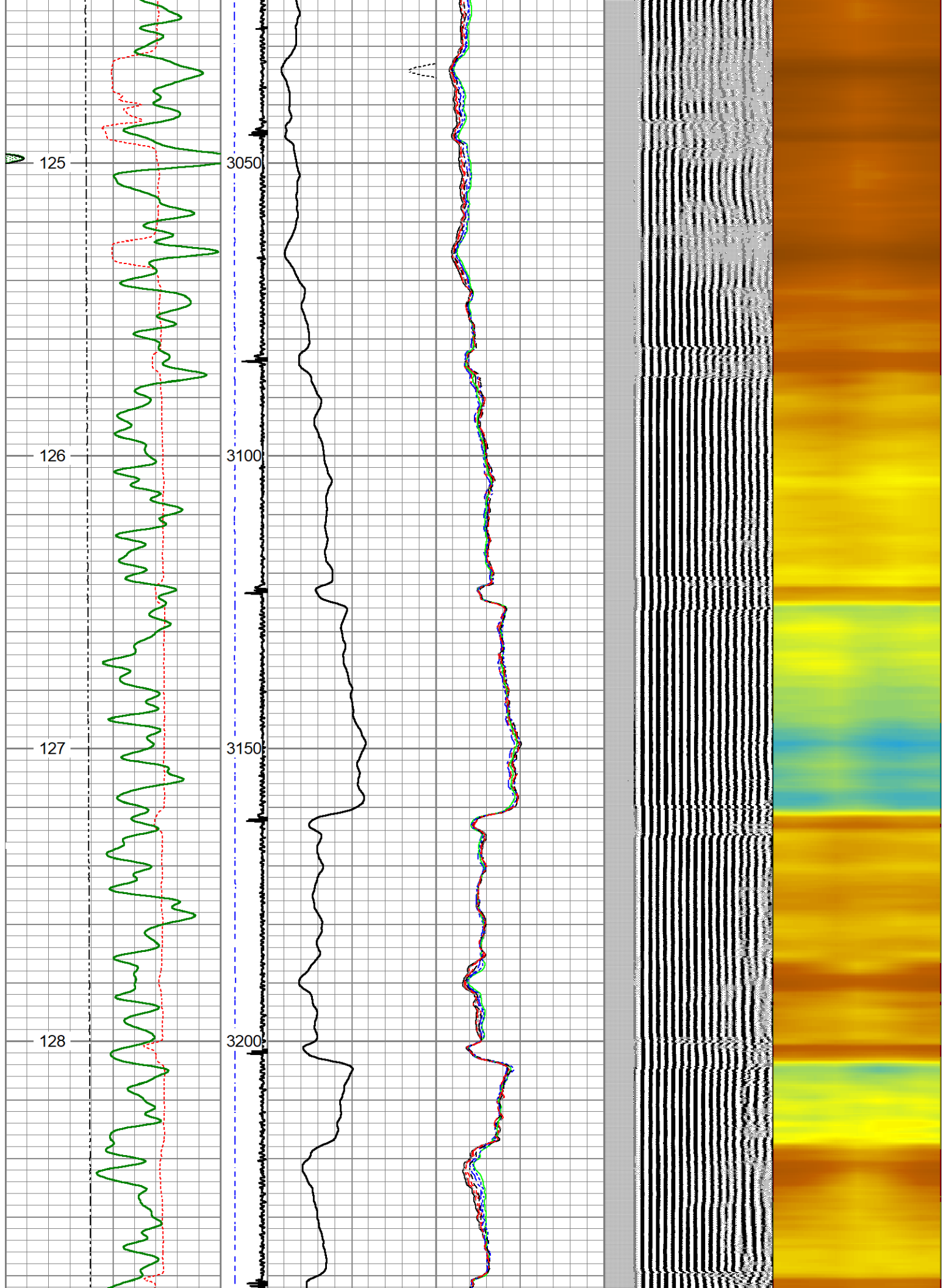


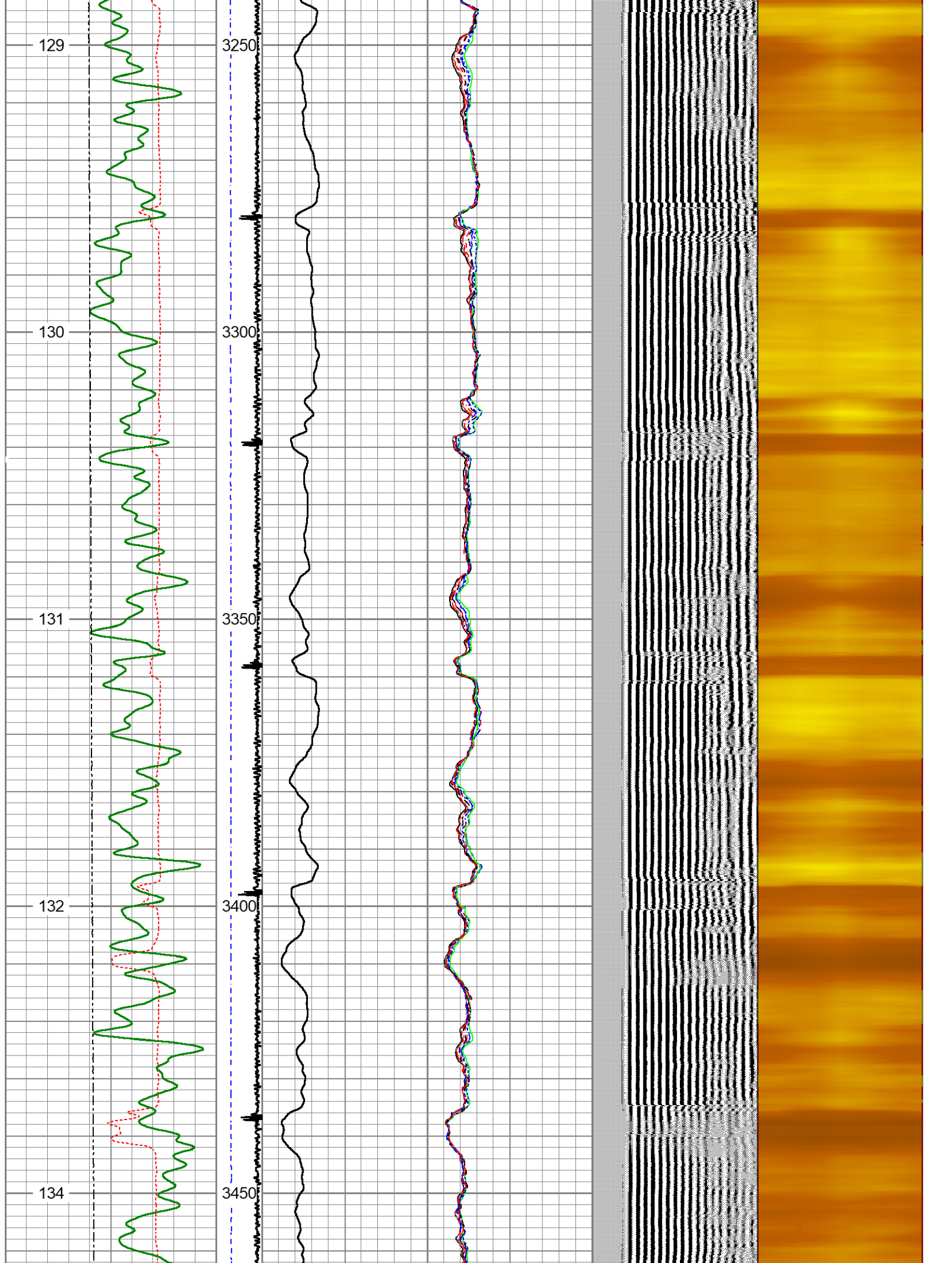


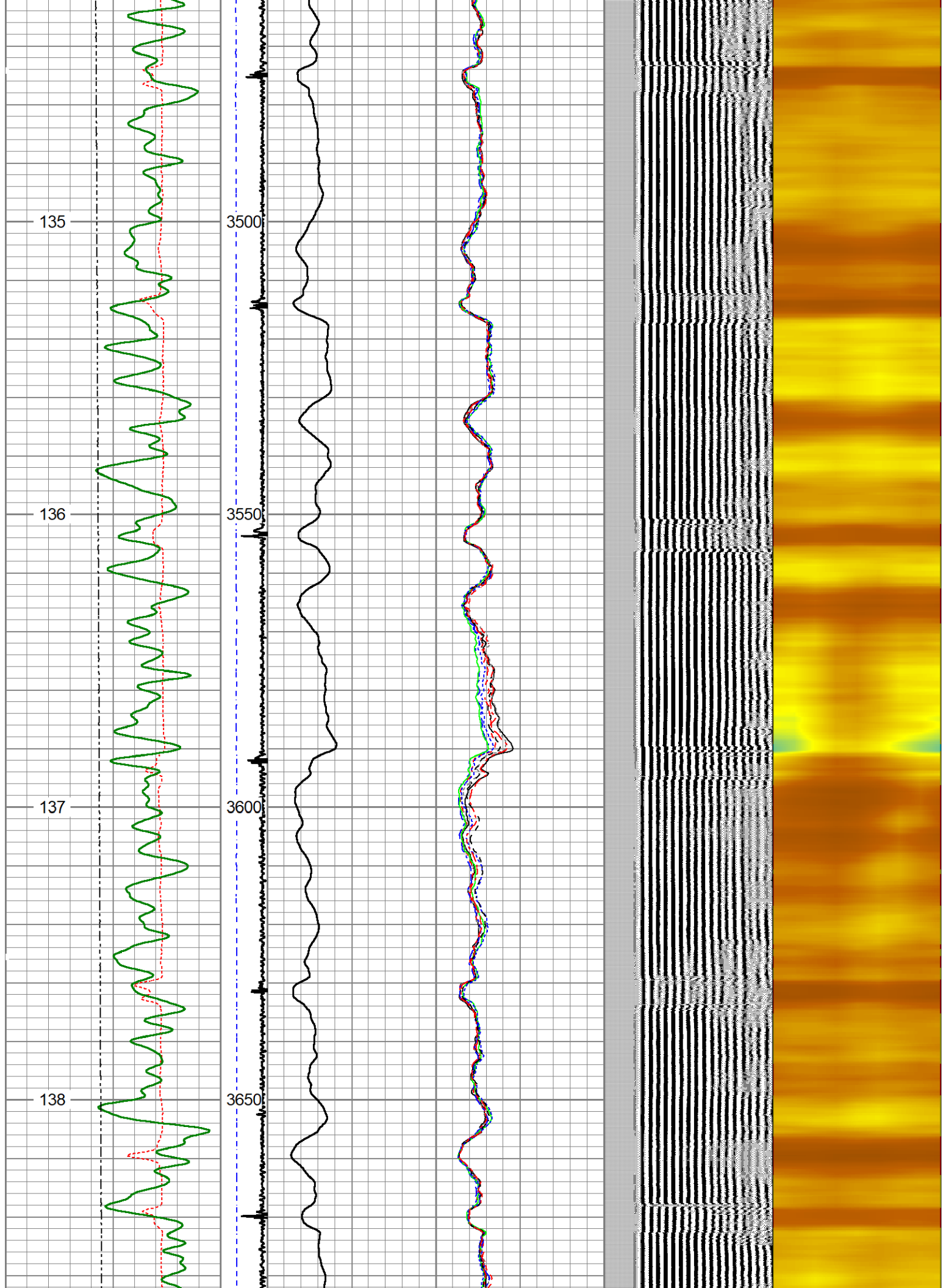


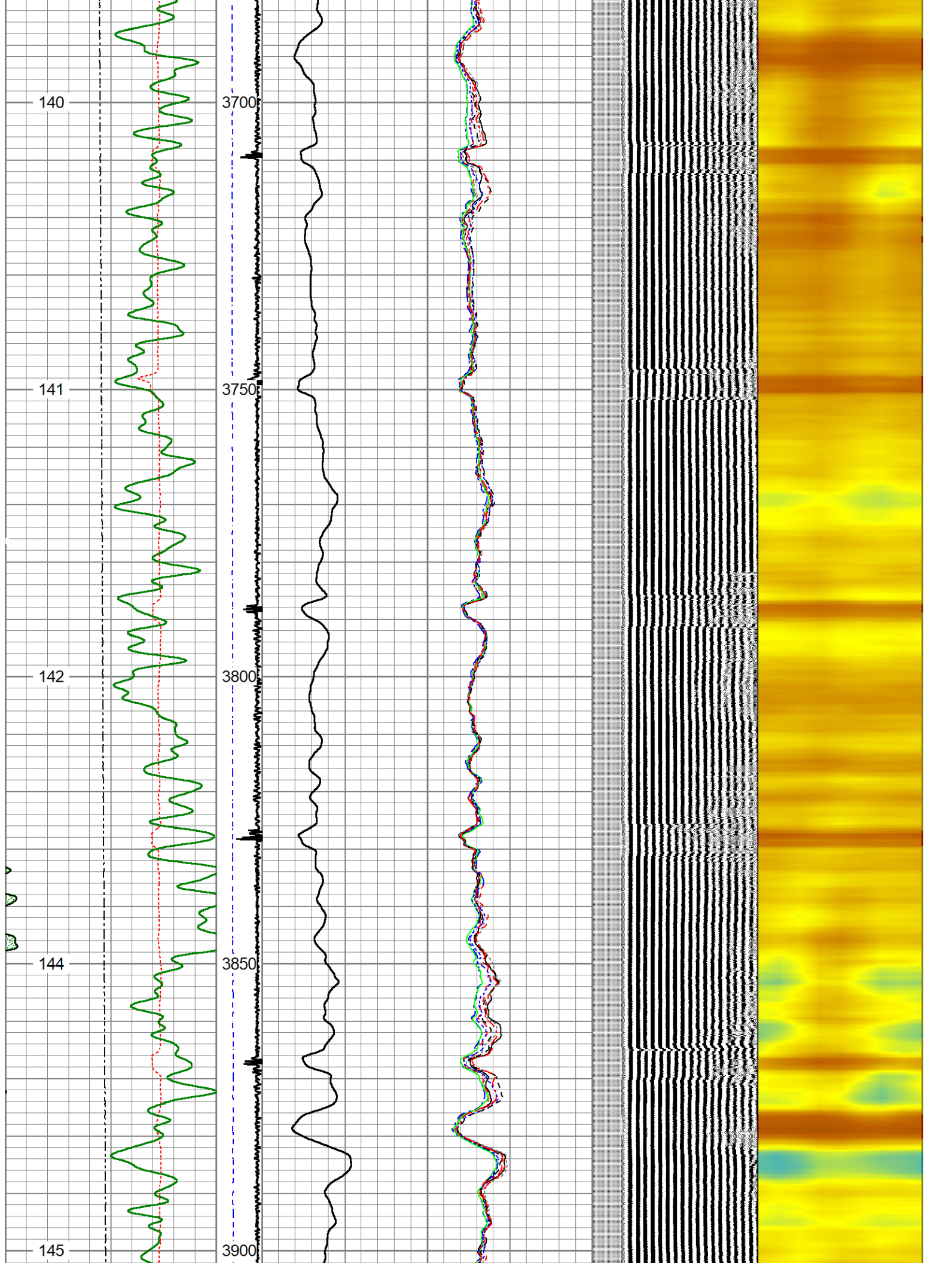


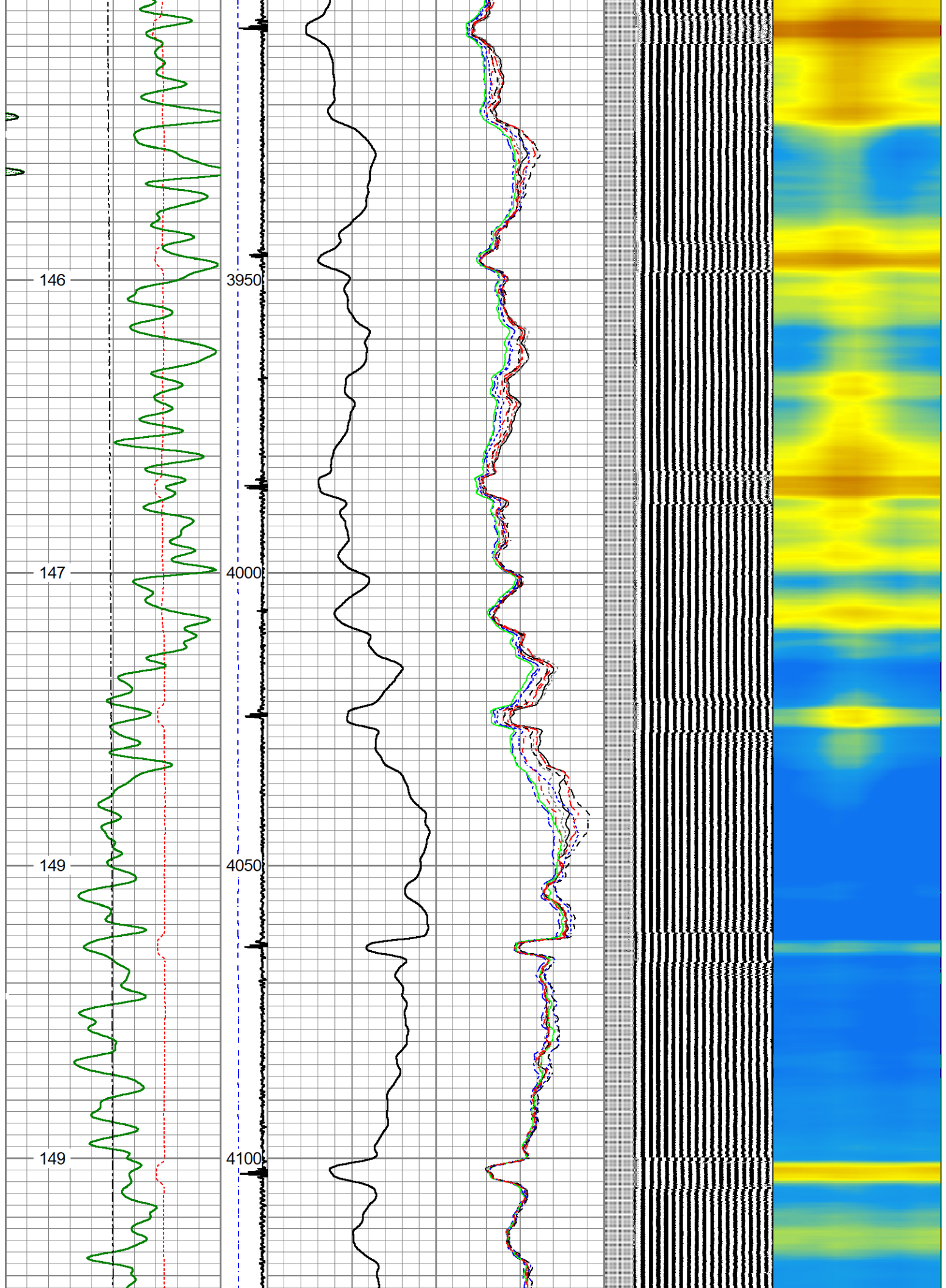


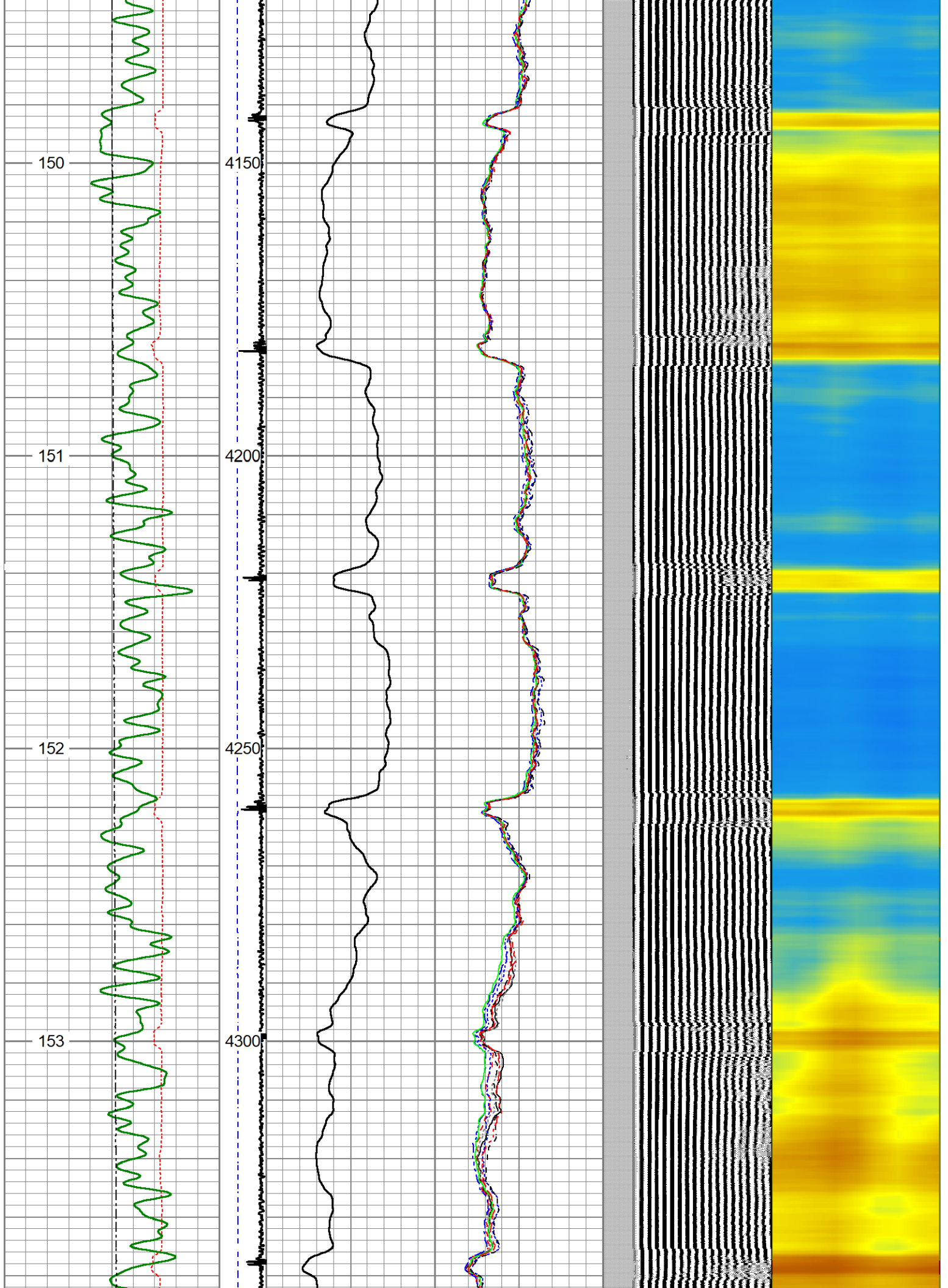


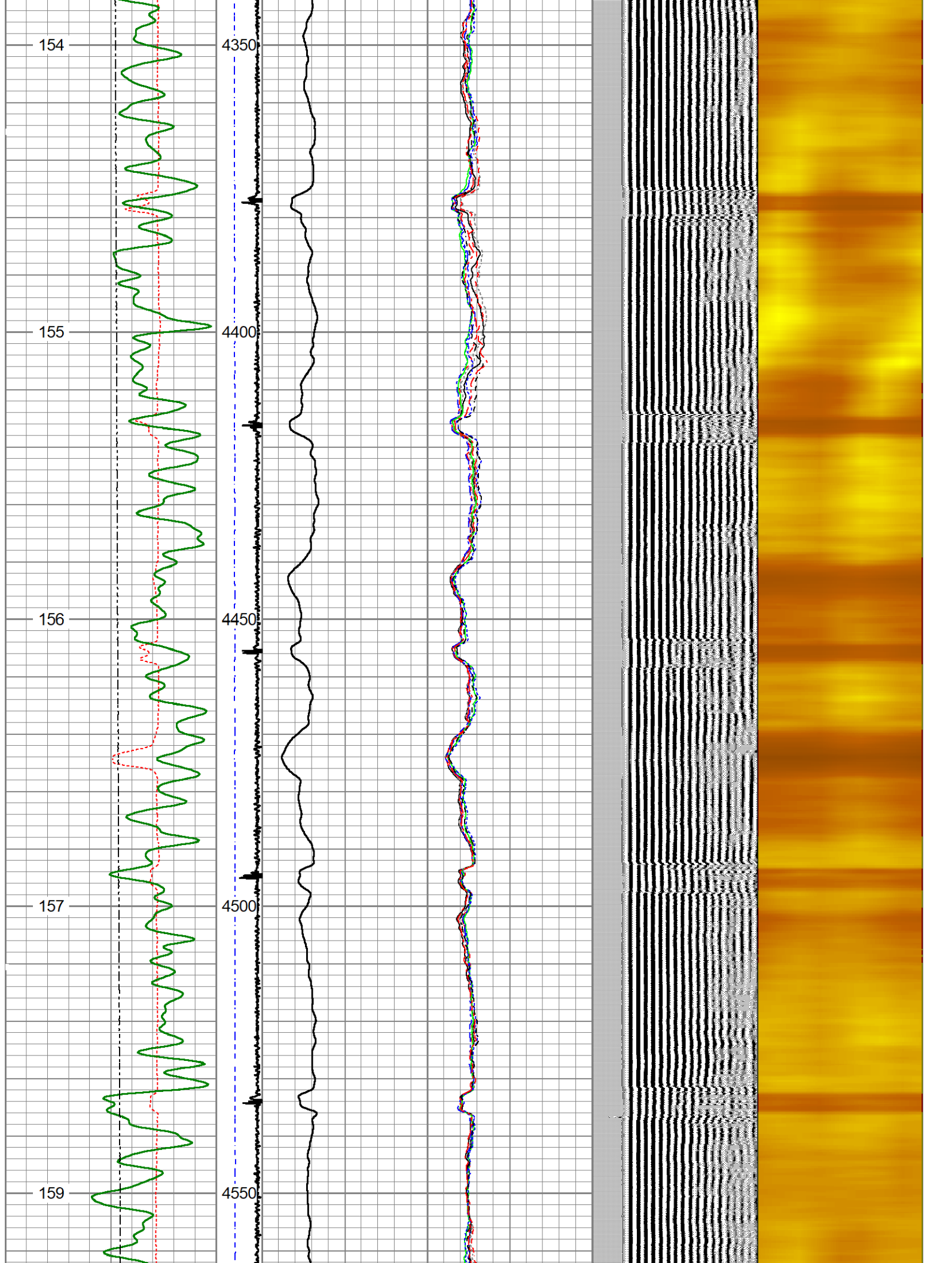


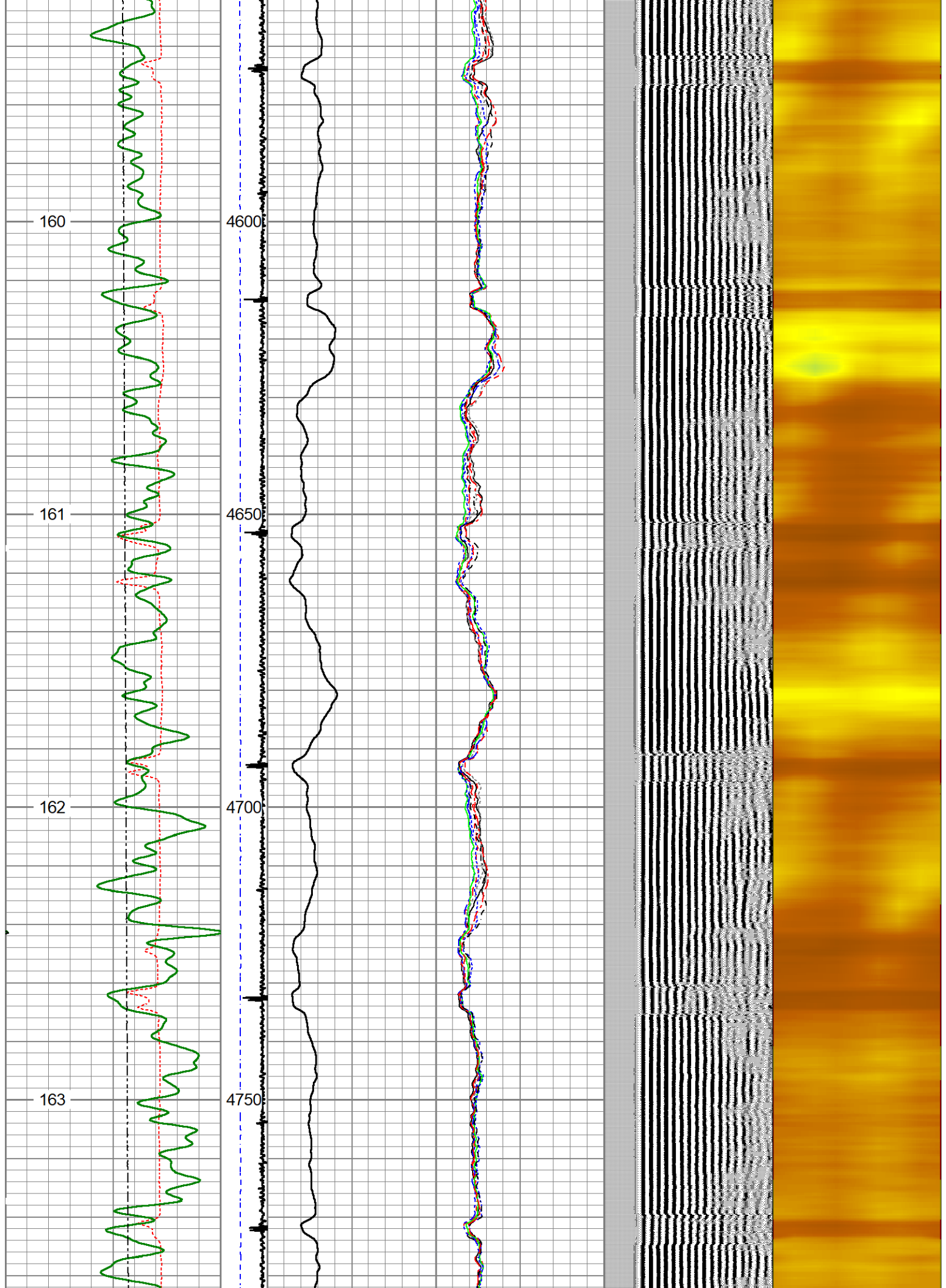


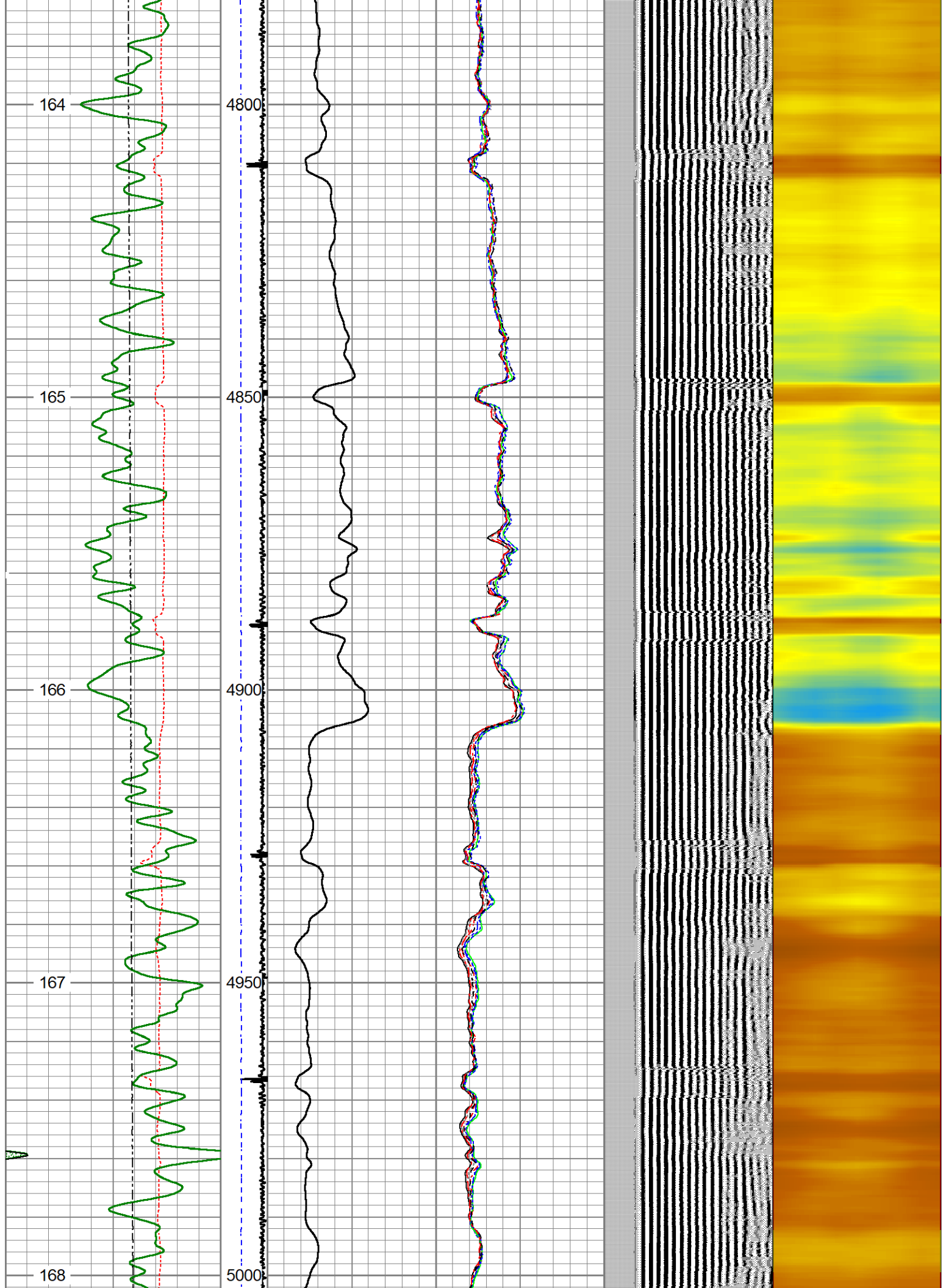


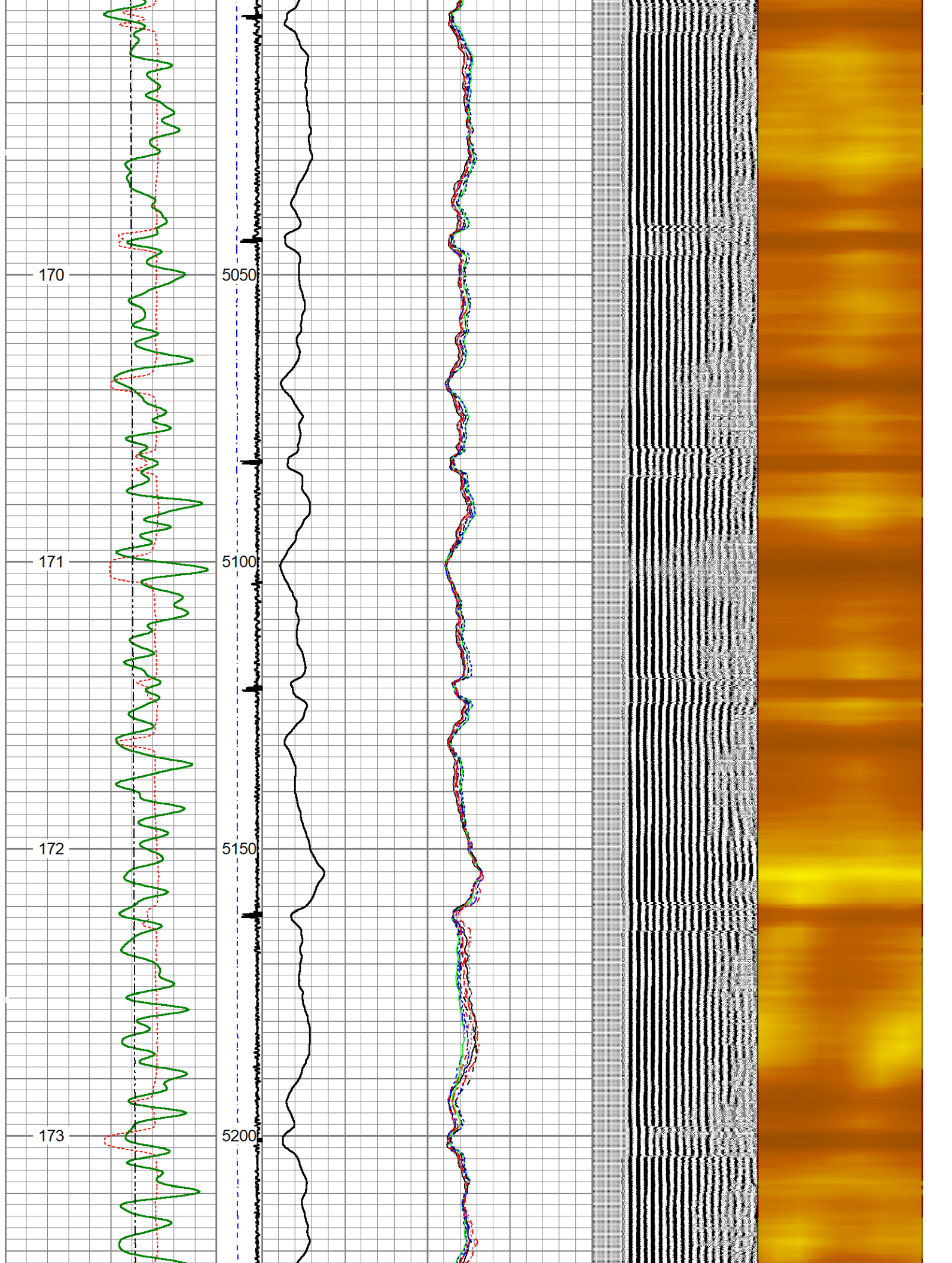


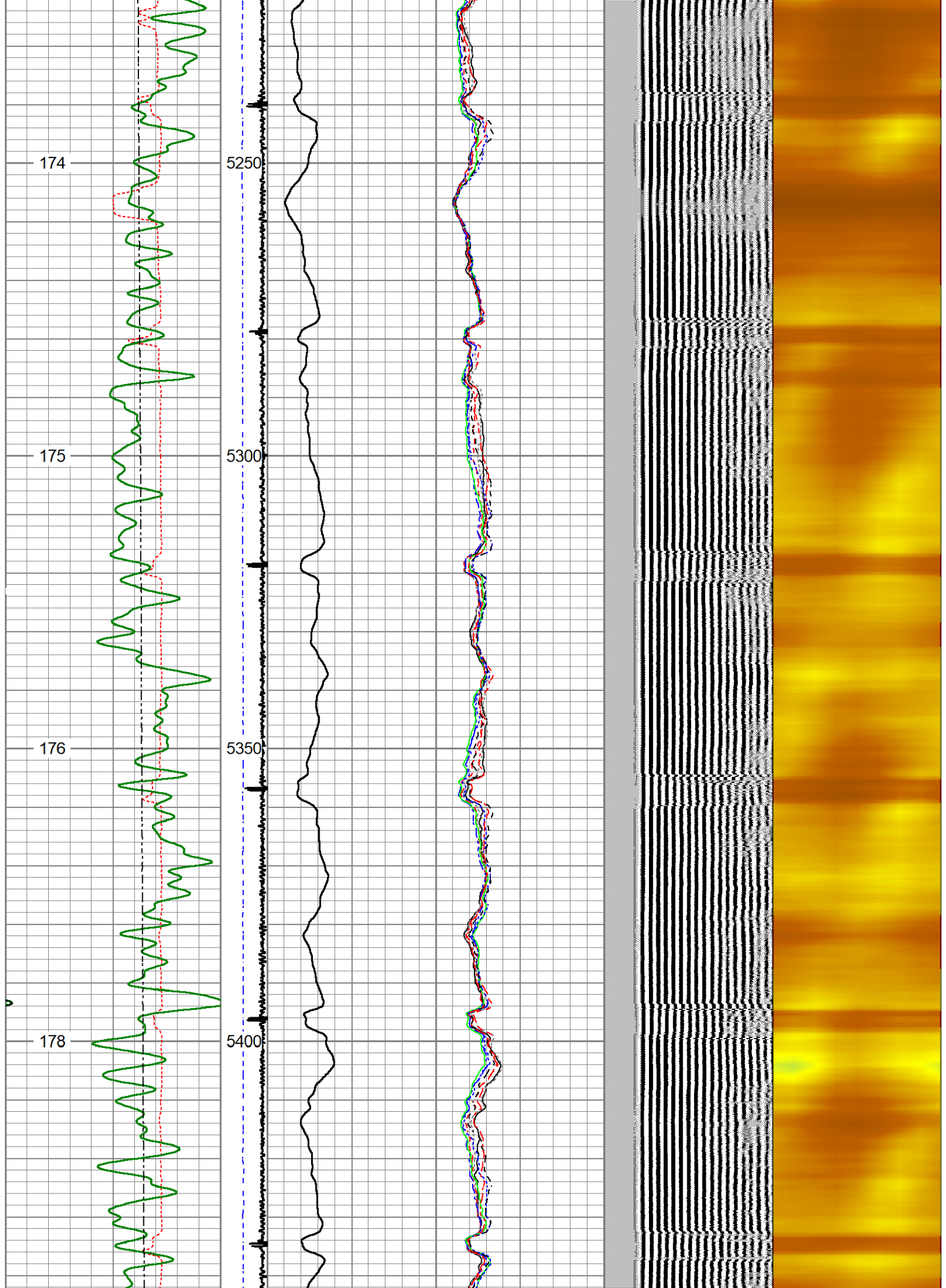


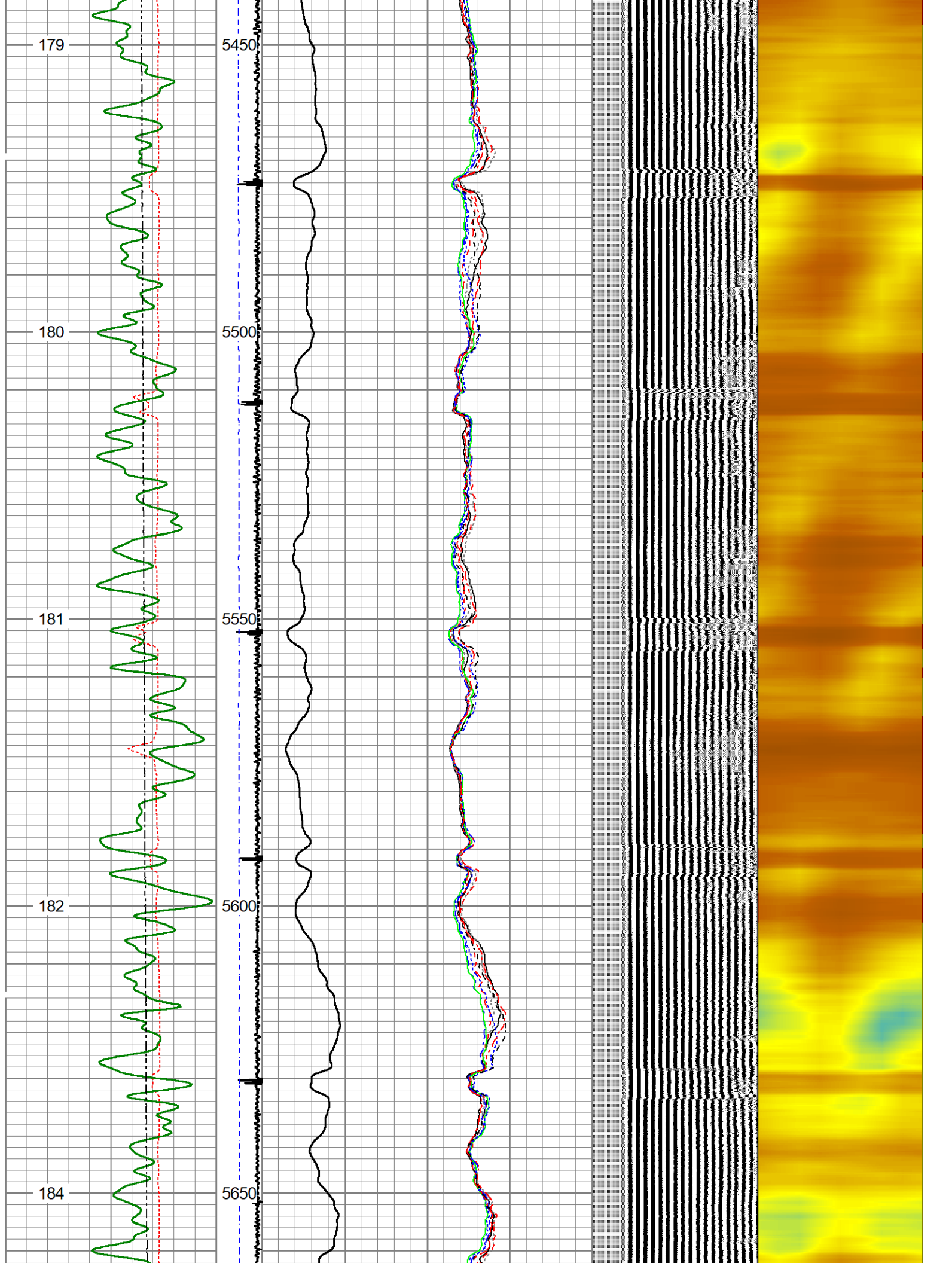


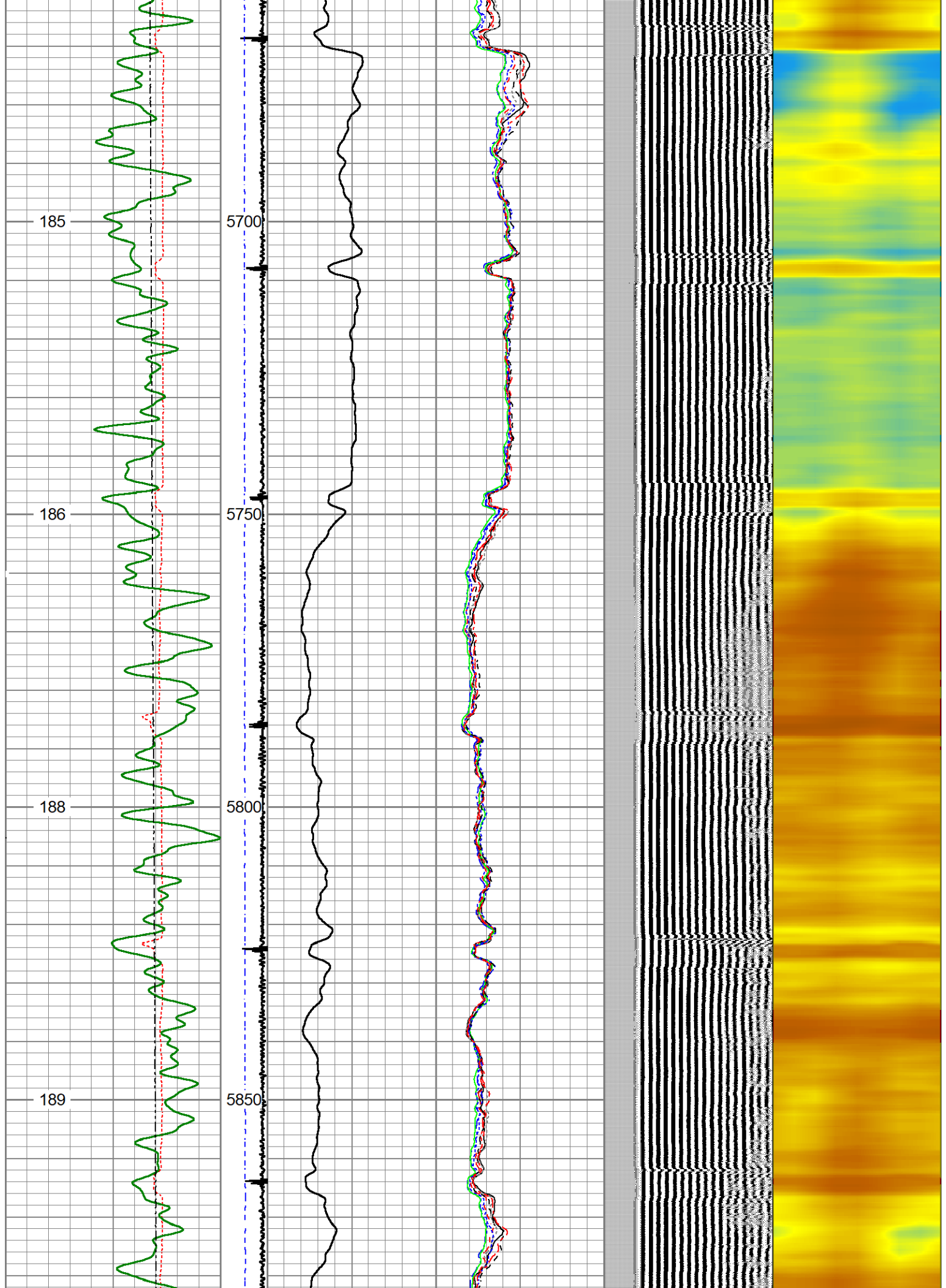


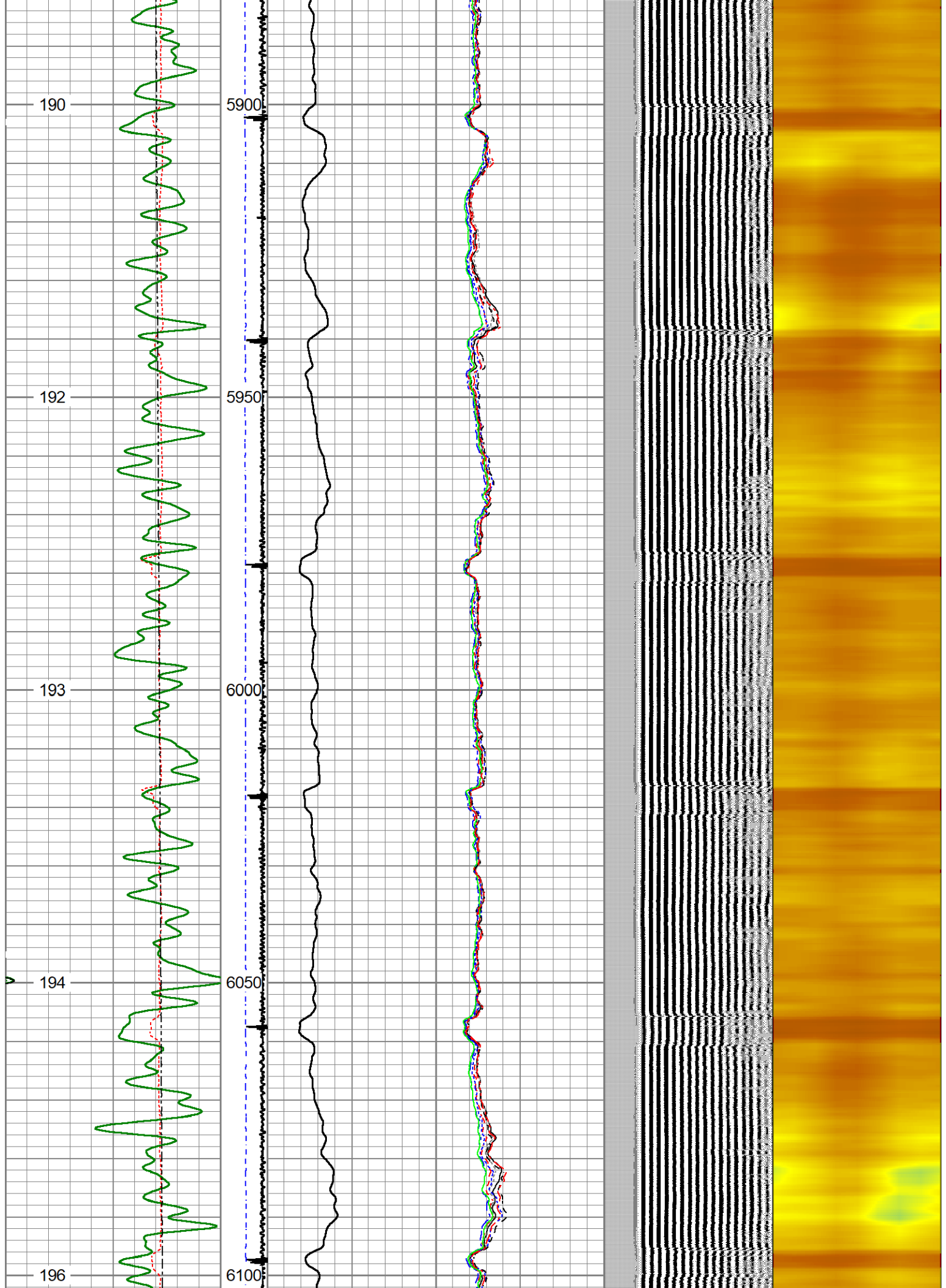


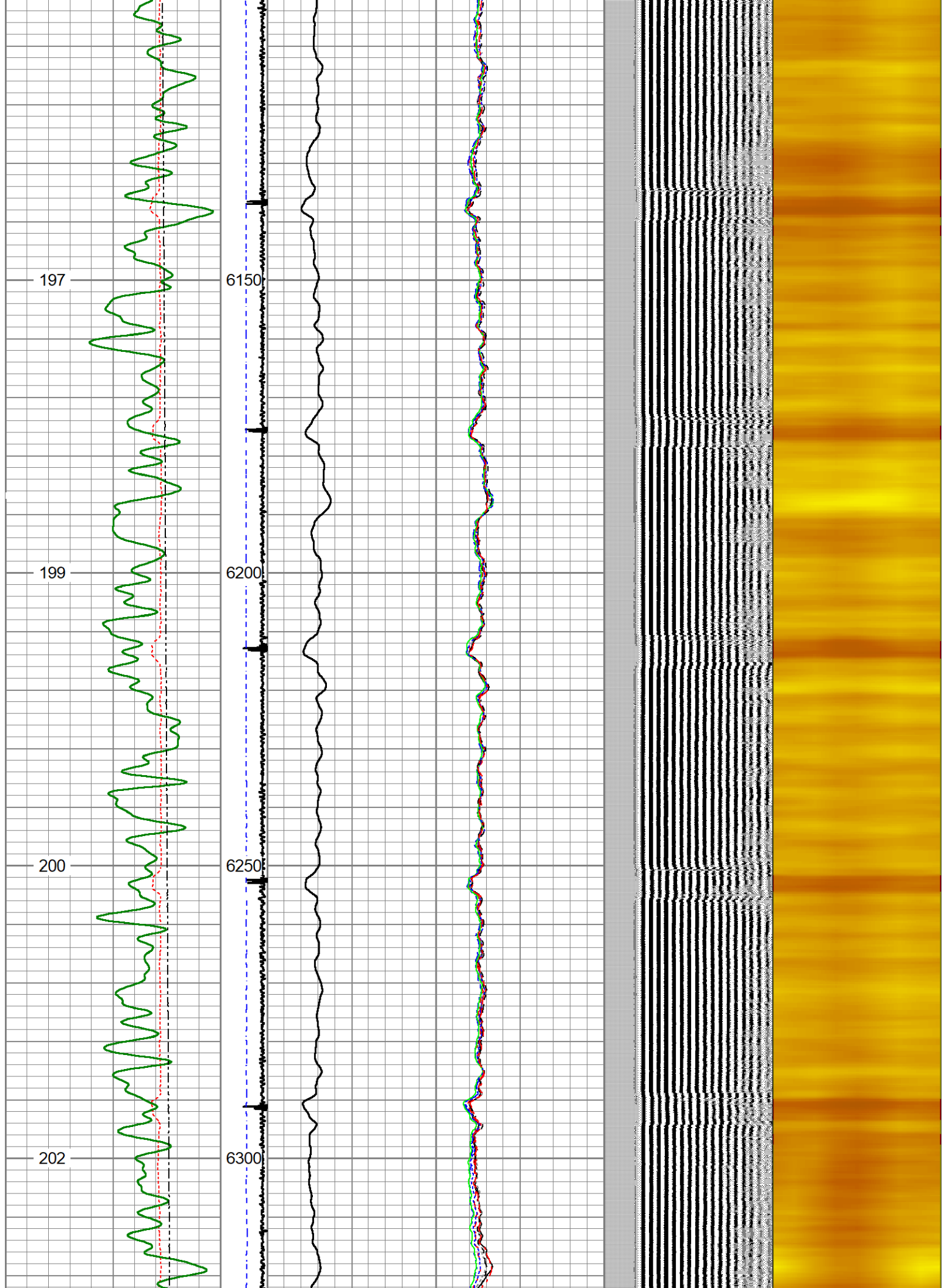


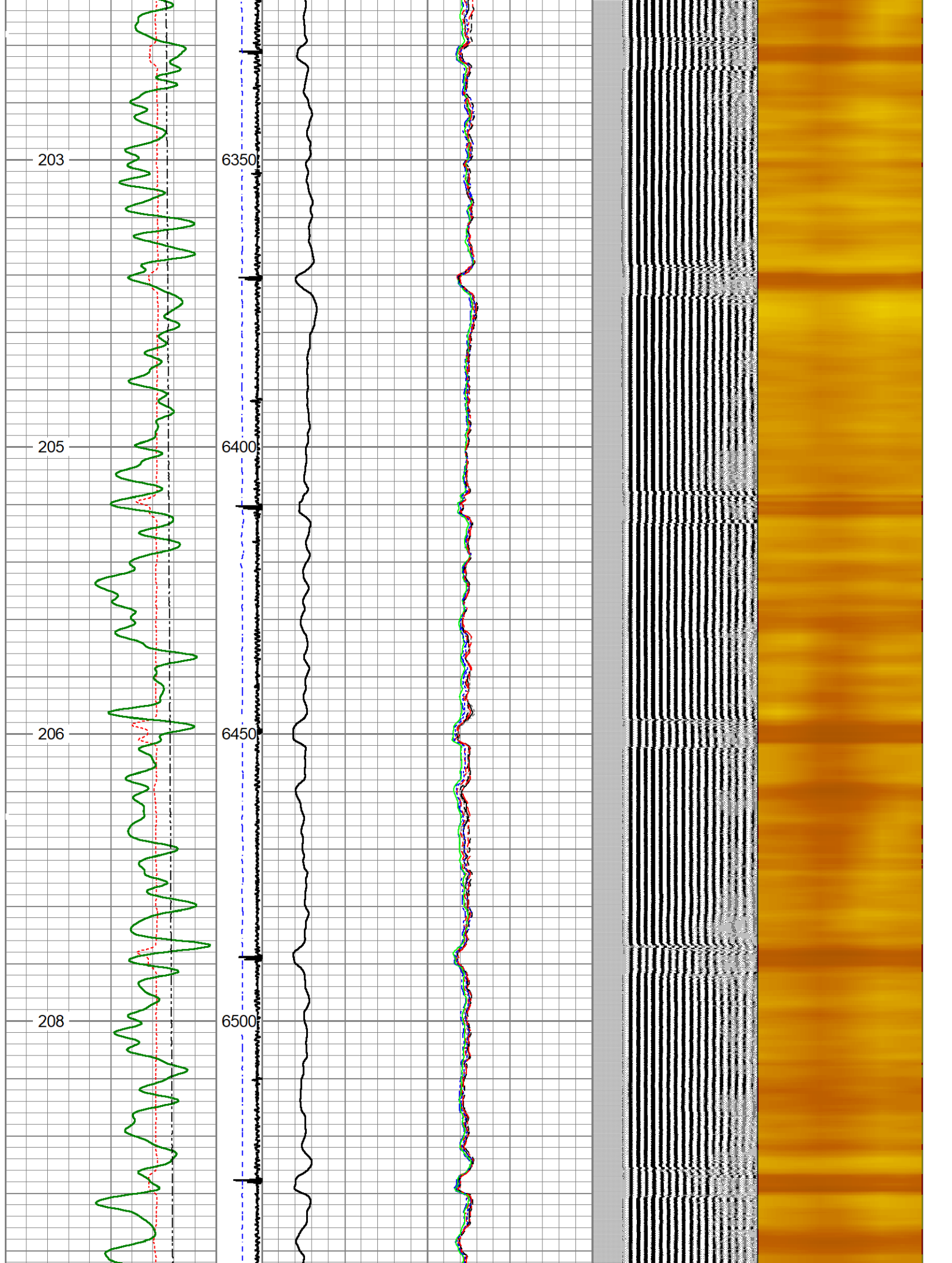


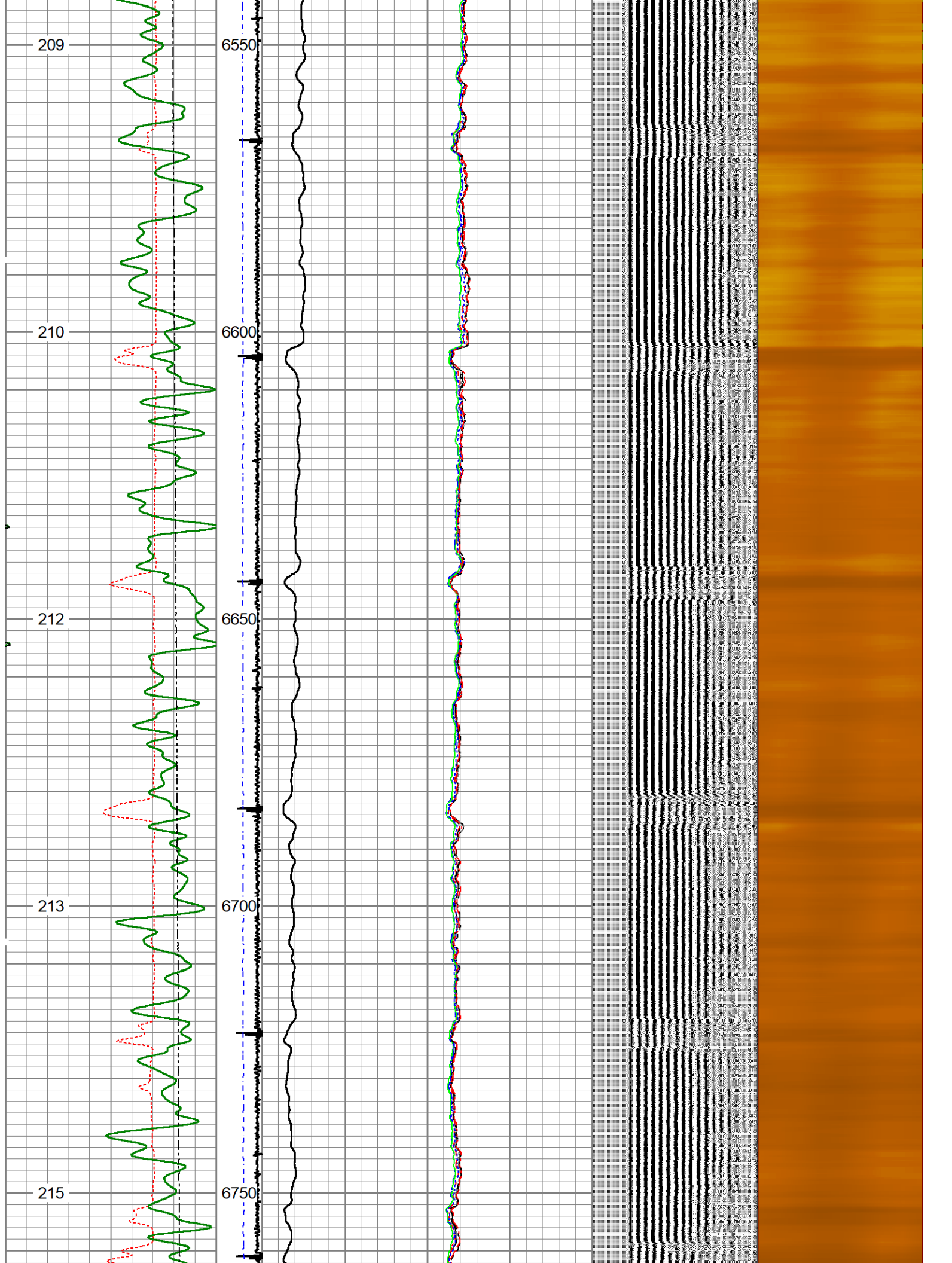


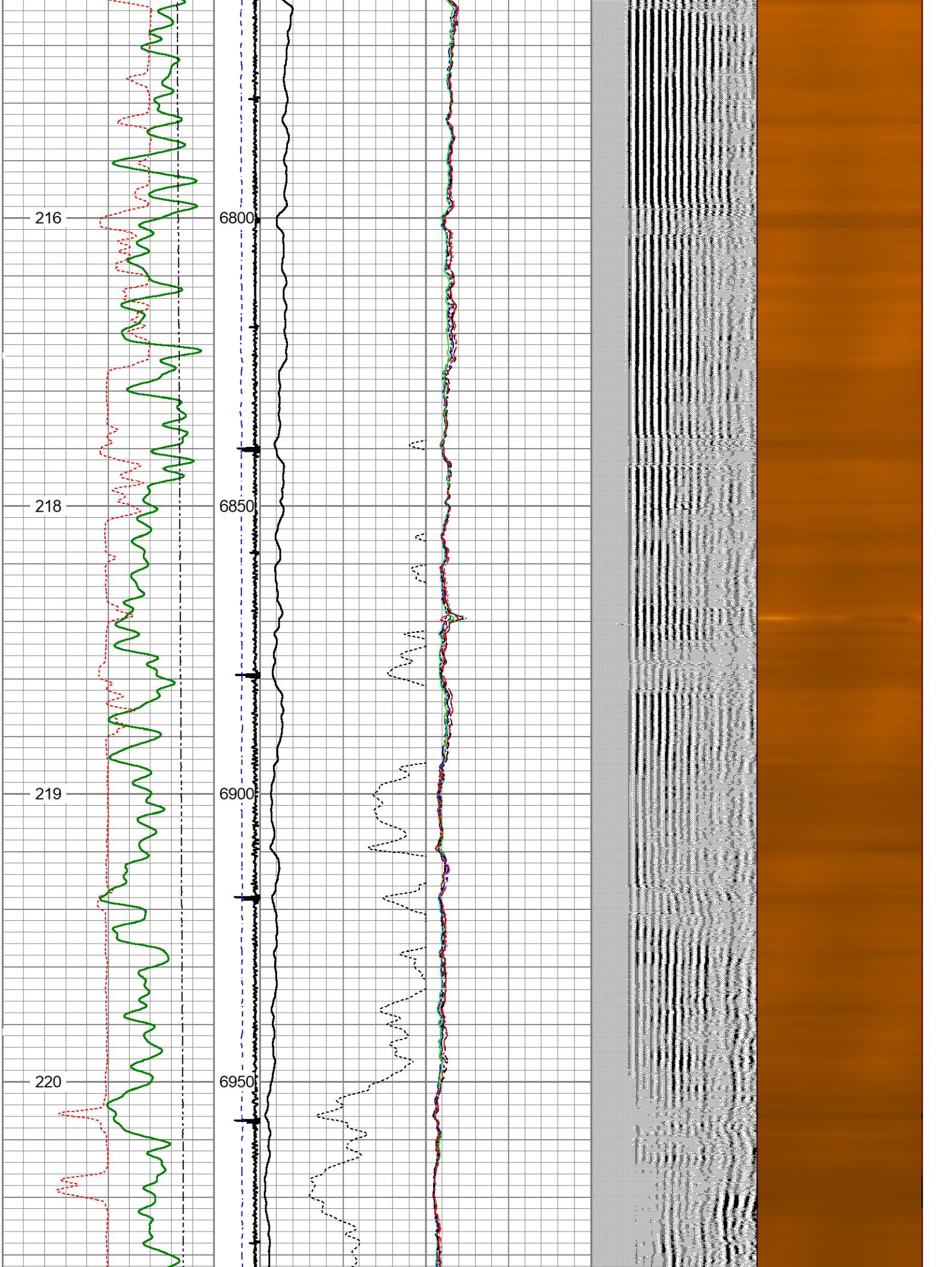


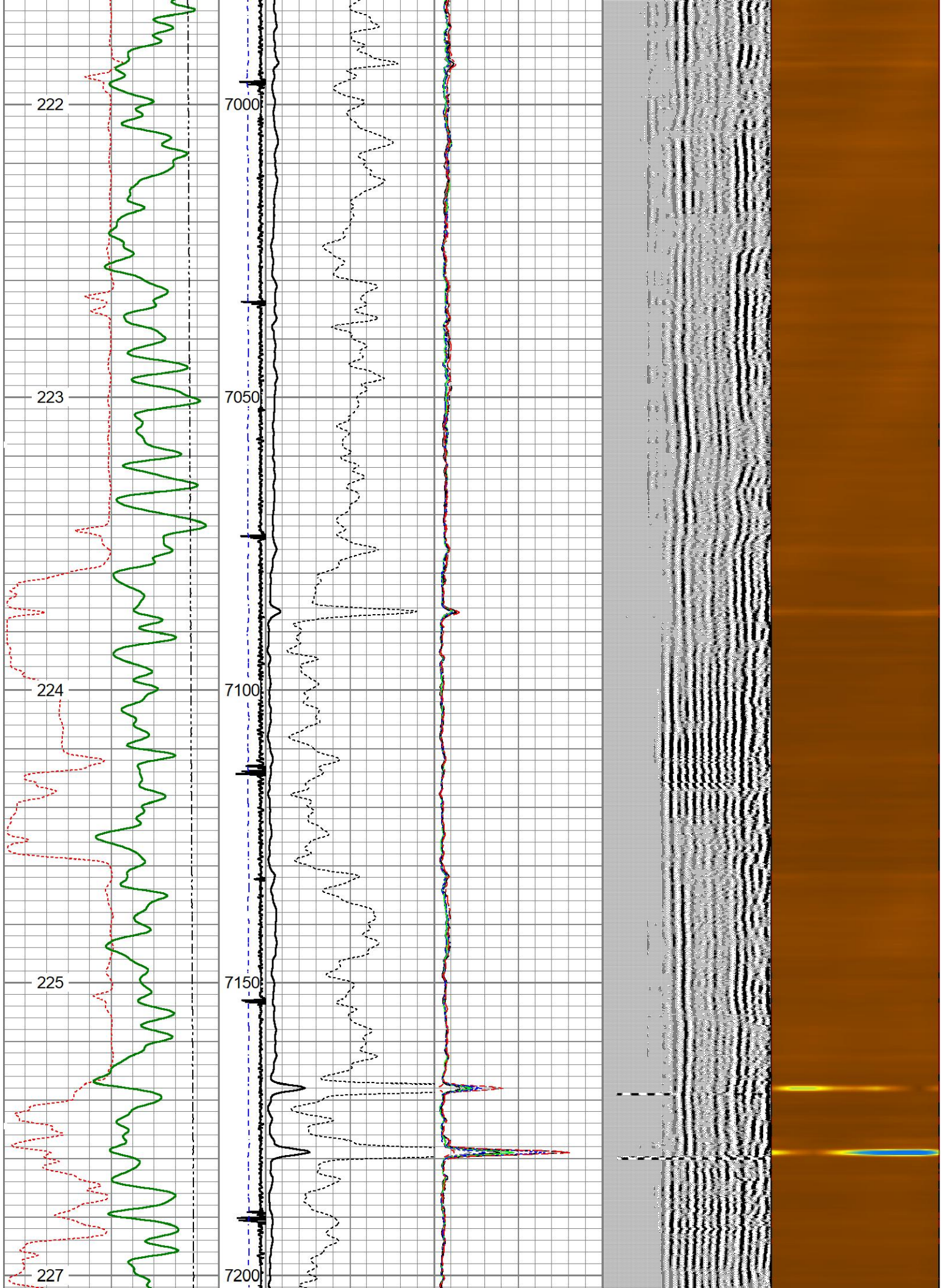


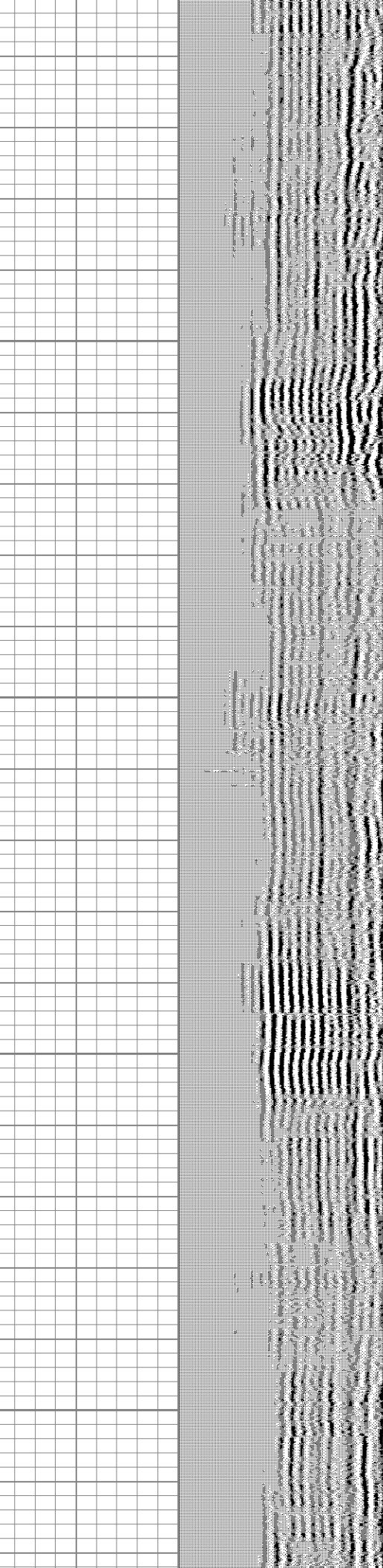
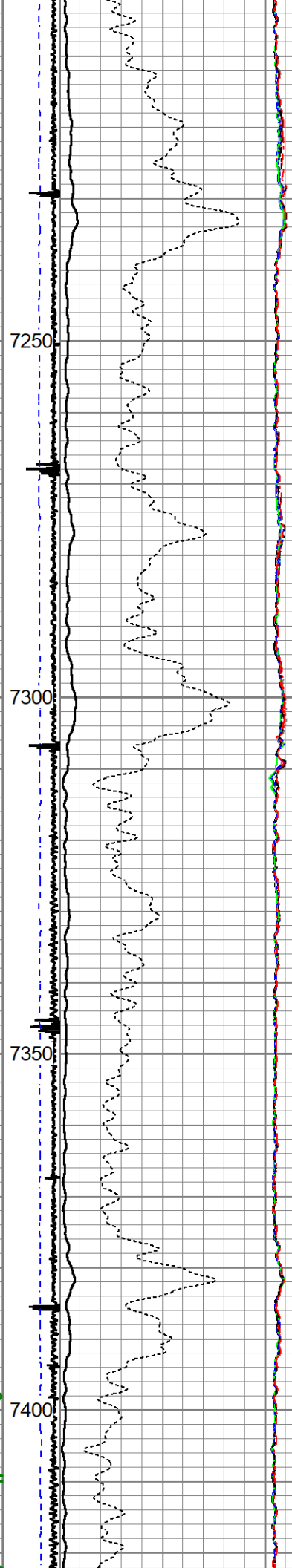
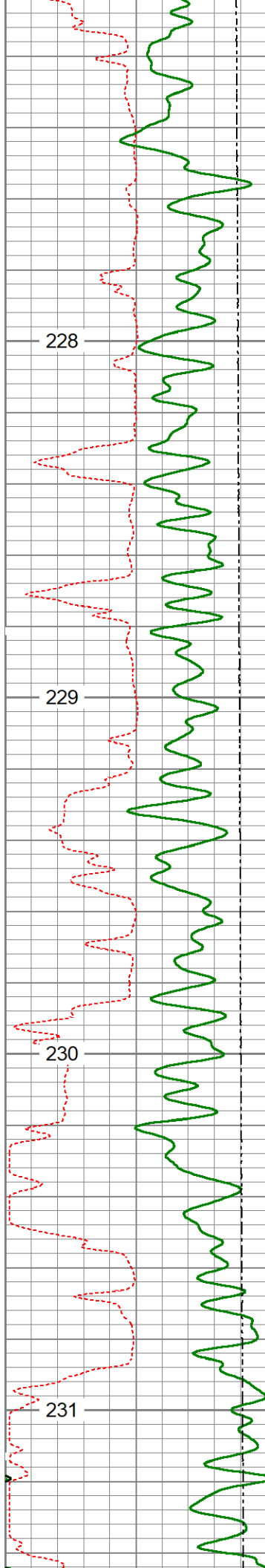


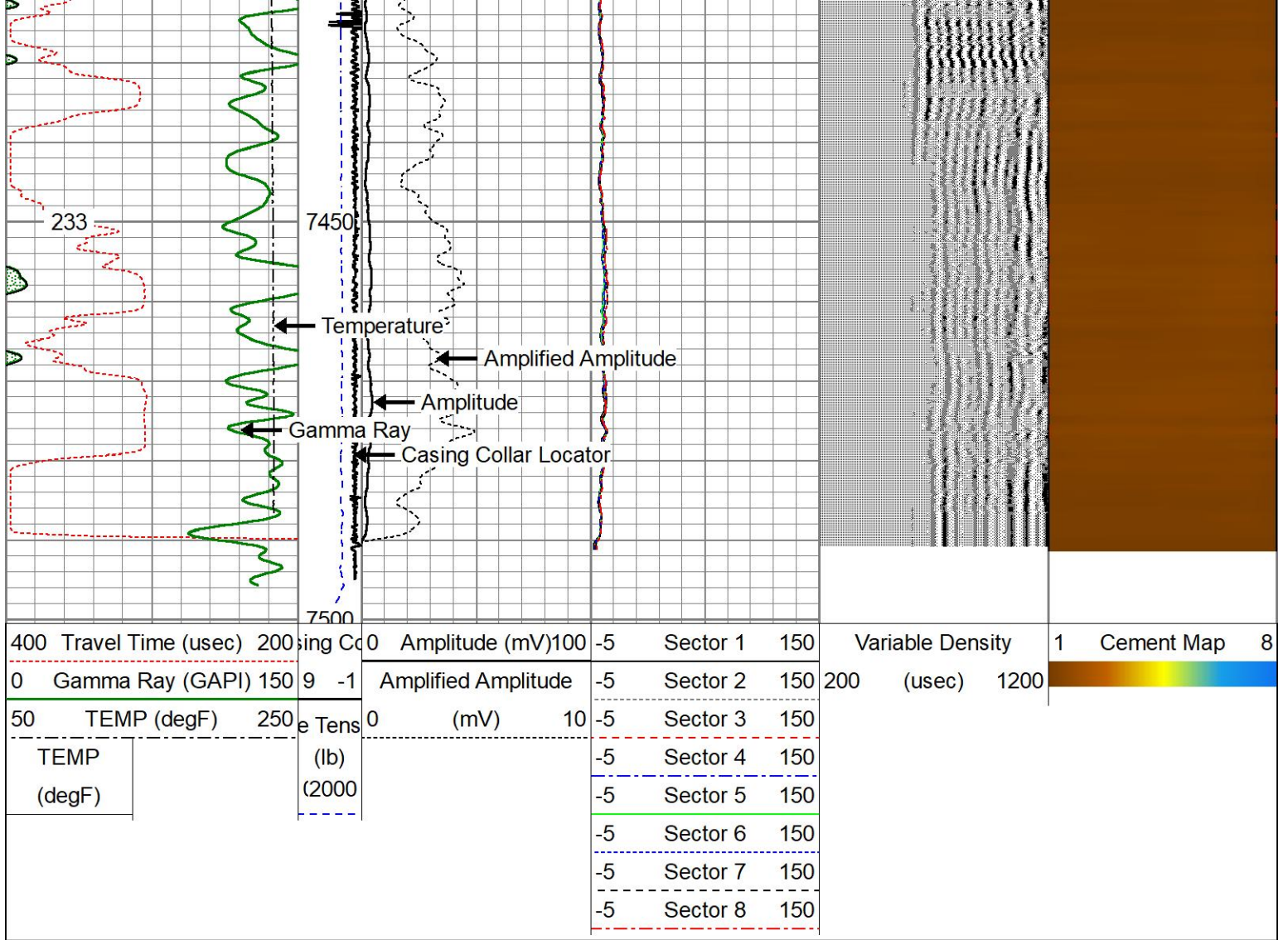












Calibration Report

Database File civitas_johnson_x1_07-18-23.db
 Dataset Pathname RCBL/pass9
 Dataset Creation Tue Jul 18 22:35:36 2023

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 080831

SHOP CALIBRATION

(Not Performed)

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		1.0000			GAPI/cps

PRIMARY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: FW1302-125
 Tool Model: Probe 2.75 Radii W/Temp

Calibration Casing Diameter: 4.500 in
 Calibration Depth: 1290.167 ft

Master Calibration, performed Tue Jul 18 22:16:19 2023:


	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.014	0.650	1.000	81.196	126.029	-0.732
CAL	0.014	0.888				
5'	0.014	0.548	1.000	81.196	150.219	-1.094
SUM						
S1	0.019	0.614	0.000	100.000	167.989	-3.125
S2	0.014	0.636	0.000	100.000	160.668	-2.240
S3	0.013	0.677	0.000	100.000	150.677	-2.010
S4	0.013	0.749	0.000	100.000	135.832	-1.769
S5	0.012	0.755	0.000	100.000	134.595	-1.604
S6	0.013	0.680	0.000	100.000	149.842	-1.908
S7	0.010	0.610	0.000	100.000	166.629	-1.589
S8	0.006	0.602	0.000	100.000	167.862	-1.090

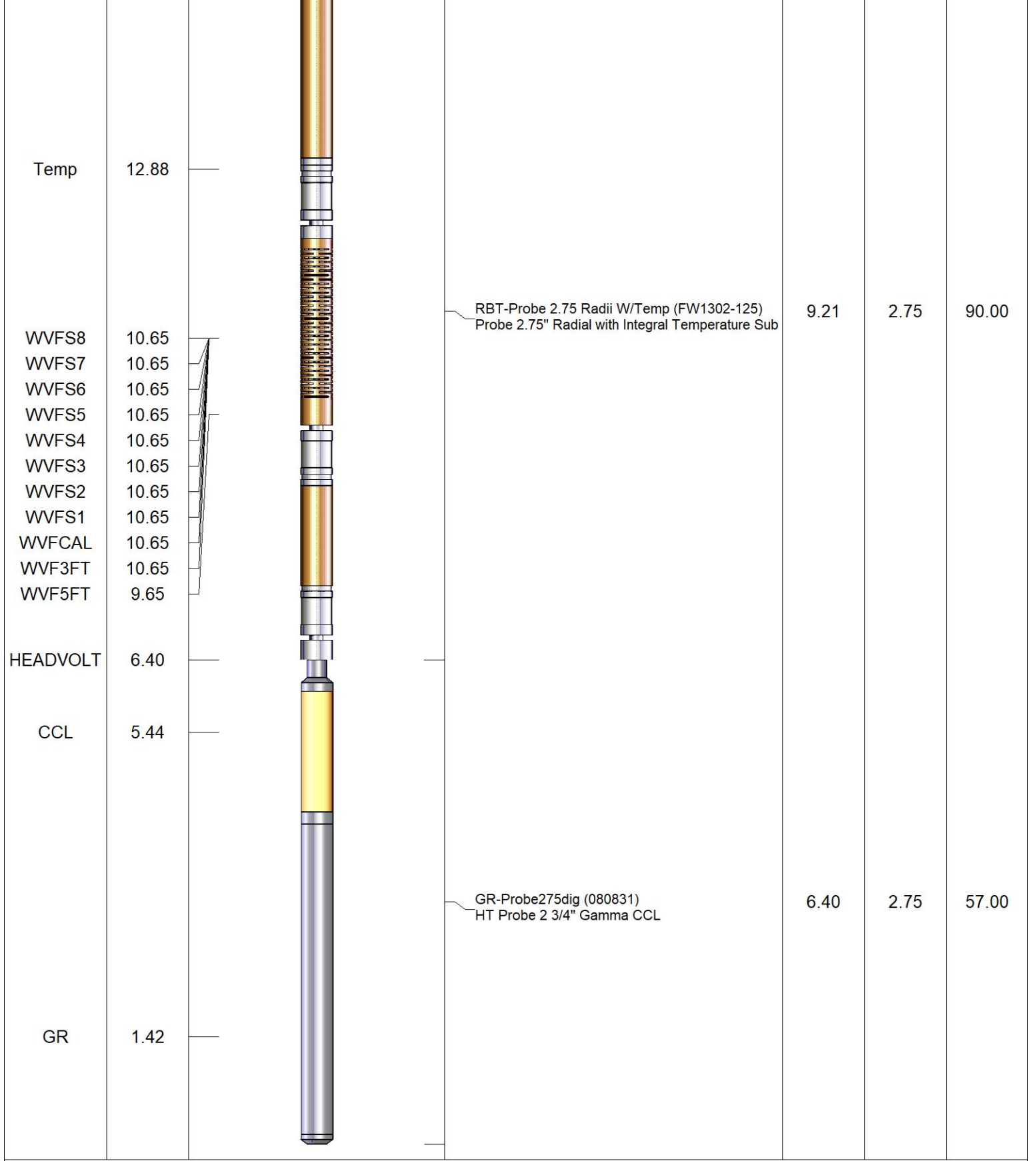
Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.014	0.888	1.000	0.000

Air Zero Calibration, performed Mon Aug 29 10:00:42 2022:

	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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HeadVolt	15.73		CHD-Titan Titan 1 7/16" GO Cablehead	1.00	1.44	5.00



Dataset: civitas_johnson_x1_07-18-23.db: field/well/RCBL/pass9
 Total length: 16.60 ft
 Total weight: 152.00 lb
 O.D.: 2.75 in