										SECTOR BOND LOG									
COMPANY WELL FIELD COUNTY STATE/COUNTRY LOCATION										CAERUS PUCKETT 34C-23 GRAND VALLEY GARFIELD COLORADO NORTH PARACHUTE									
SEC 26		TWP 6S		RGE 97W		Other Services						Elevation 8396		Elevations: K.B. 8426 D.F. 8426 G.L. 8396					
Latitude		39.498903		Longitude		-108.182419		API Number		05-045-23354		Permanent Datum		GL					
Log Measured From		KB		Drilling Measured From		KB		Elevation		8396		K.B. 8426 D.F. 8426 G.L. 8396							
Date										15 MAY 17									
Run Number										1									
Service Order										TBD									
Type Log										SBT									
Depth Driller										9290									
Depth Logger										9250									
Top Log Interval										0									
Bottom Log Interval										9250									
Hole Fluid Type										H2O									
Hole Fluid Level										130									
Restriction ID										NA									
Max. Recorded Temp.										NA									
Well Head Pressure										NA									
Well Head Equipment										NA									
Time Well Ready										ON ARRIVAL									
Time Logger on Bottom										SEE LOG									
Unit Number										14166									
Acquisition System										WARRIOR									
Location										CASPER									
Recorded By										N. SOUTHAM									
Witnessed By																			

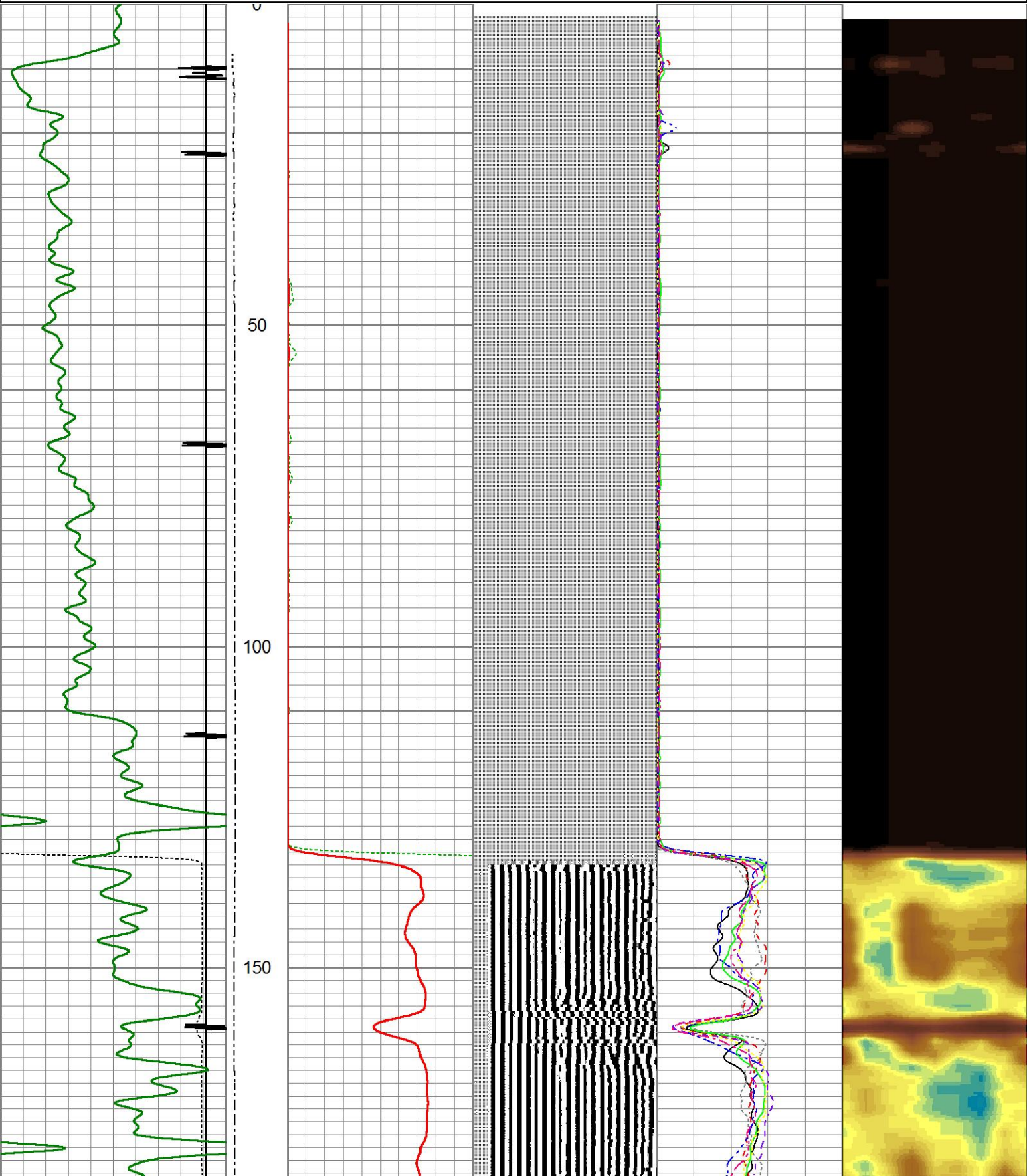
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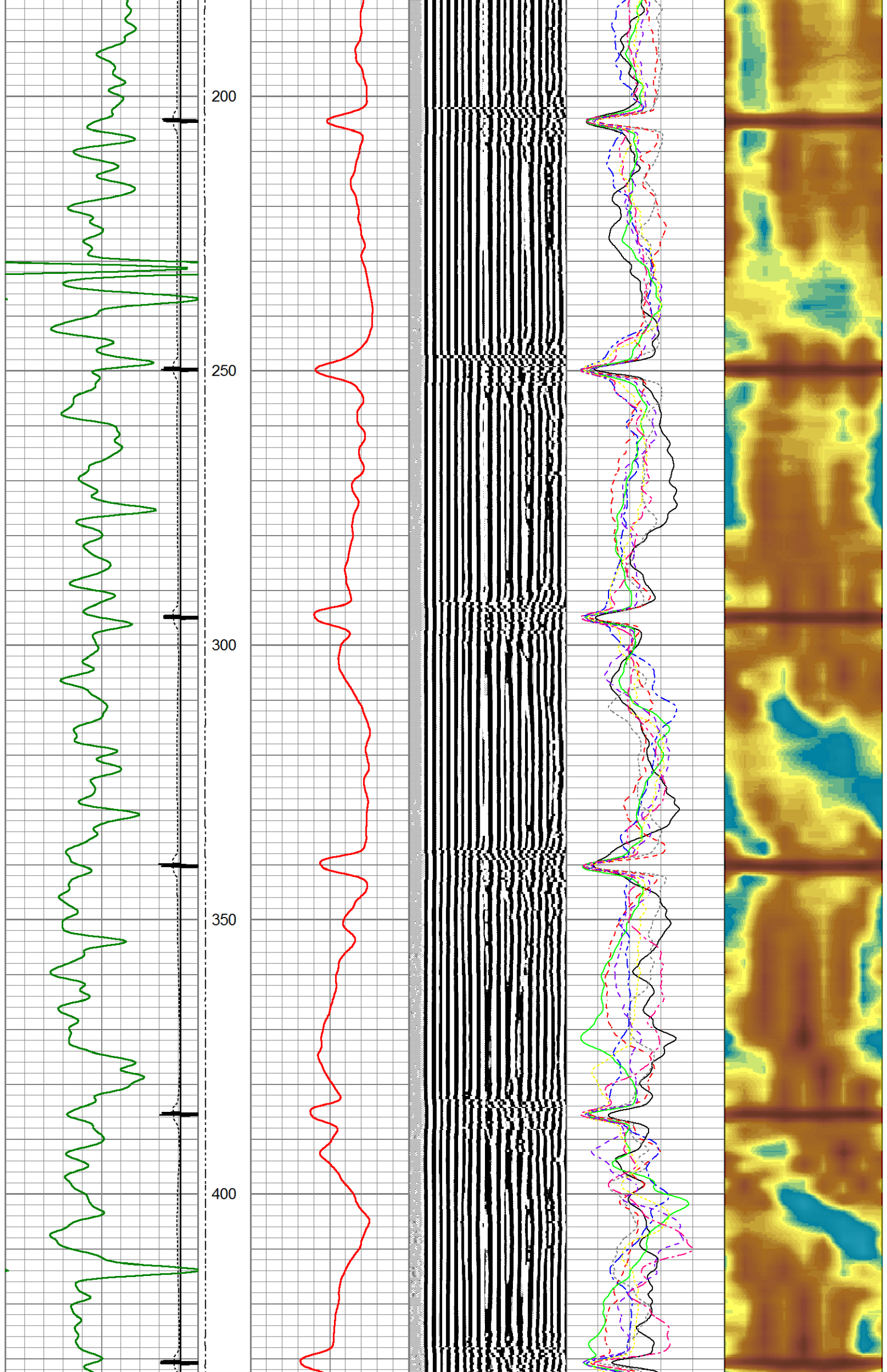
In interpreting, communicating or providing information and/or making recommendations, either written or oral, as to logs or test or other data, type or amount of material, or Work or other service to be furnished, or manner of performance, or in predicting results to be obtained, the Contractor will give the Company the benefit of the Contractor's best judgment based on its experience and will perform all such Work in a good and workmanlike manner. Any interpretation of test or other data, and any recommendation or reservoir description based upon such interpretations, are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional engineers and analysts may differ. ACCORDINGLY ANY INTERPRETATION OR RECOMMENDATION RESULTING FROM THE SERVICES WILL BE AT THE SOLE RISK OF THE COMPANY, AND THE CONTRACTOR CANNOT AND DOES NOT WARRANT THE ACCURACY, CORRECTNESS OR COMPLETENESS OF ANY SUCH INTERPRETATION OR RECOMMENDATION, WHICH INTERPRETATIONS AND RECOMMENDATIONS SHOULD NOT, THEREFORE, UNDER ANY CIRCUMSTANCES BE RELIED UPON AS THE SOLE OR MAIN BASIS FOR ANY DRILLING, COMPLETION, WELL TREATMENT, PRODUCTION OR FINANCIAL DECISION, OR ANY PROCEDURE INVOLVING ANY RISK TO THE SAFETY OF ANY DRILLING ACTIVITY, DRILLING RIG OR ITS CREW OR ANY OTHER INDIVIDUAL. THE COMPANY HAS FULL RESPONSIBILITY FOR ALL DECISIONS CONCERNING THE SER

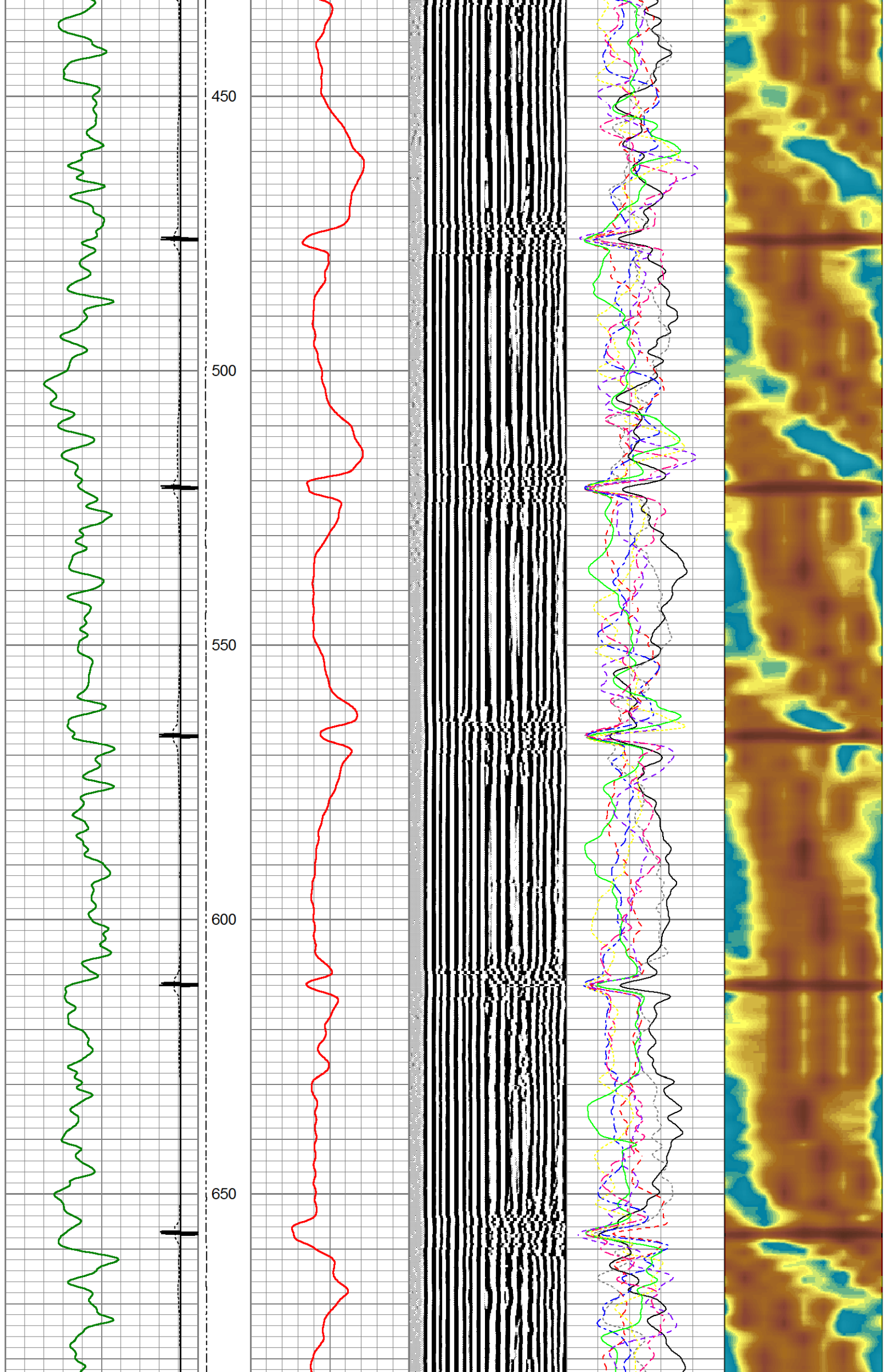
Comments	
Rig Name:	
THANK YOU FOR CHOOSING WEATHERFORD WIRELINE FOR THIS JOB YOUR CREW FOR THIS LOG WAS N. SOUTHAM B. ENSLEY THIS LOG WAS RAN AT COSTUMER REQUEST TO VERIFY CEMENT THIS IS THE MAIN LOG FOR CORRELATION	

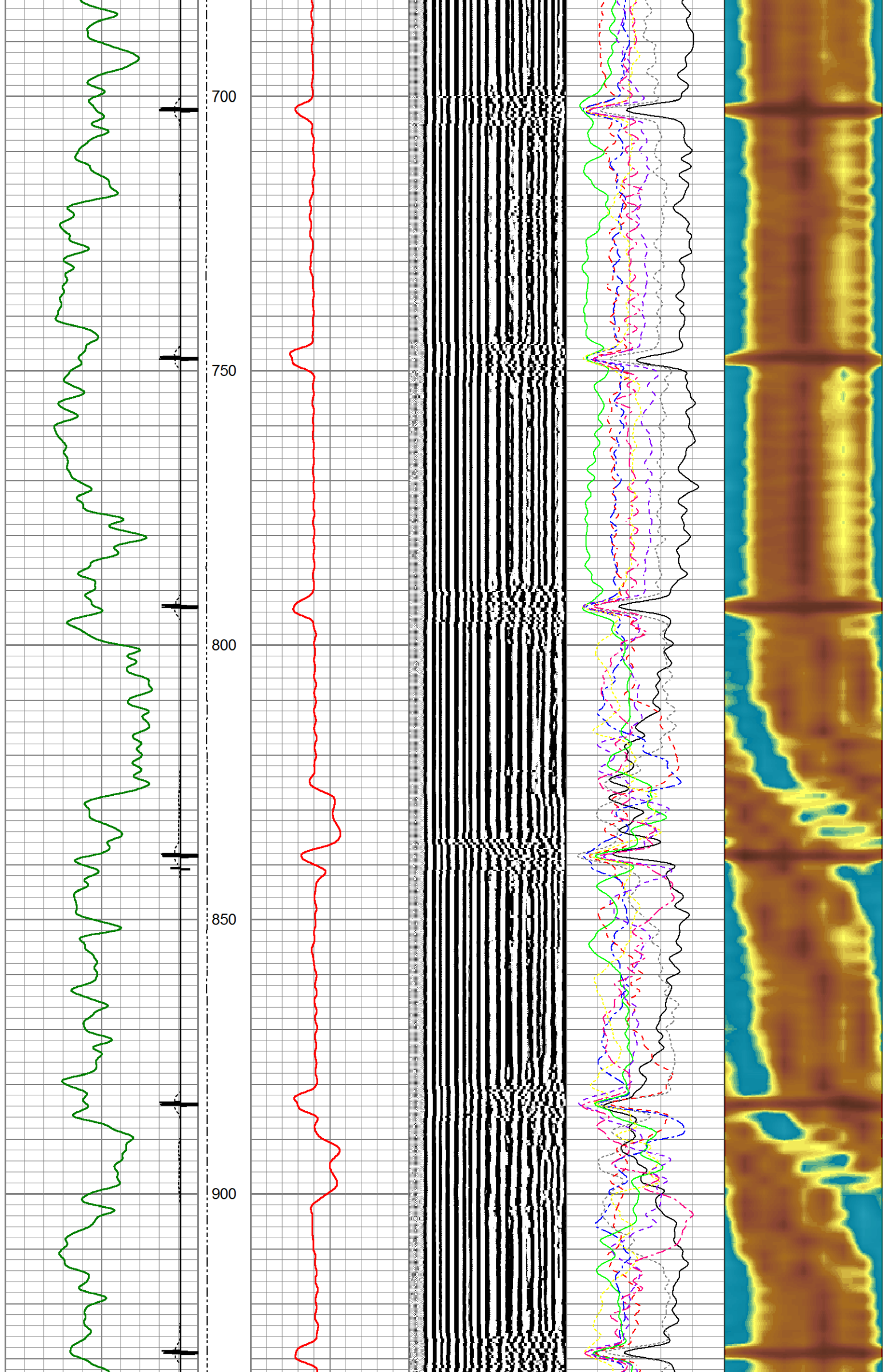
Database File puckett_34c-23_sbt.db
Dataset Pathname pass2.1
Presentation Format sectors2
Dataset Creation Tue May 16 00:57:34 2017
Charted by Depth in Feet scaled 1:240

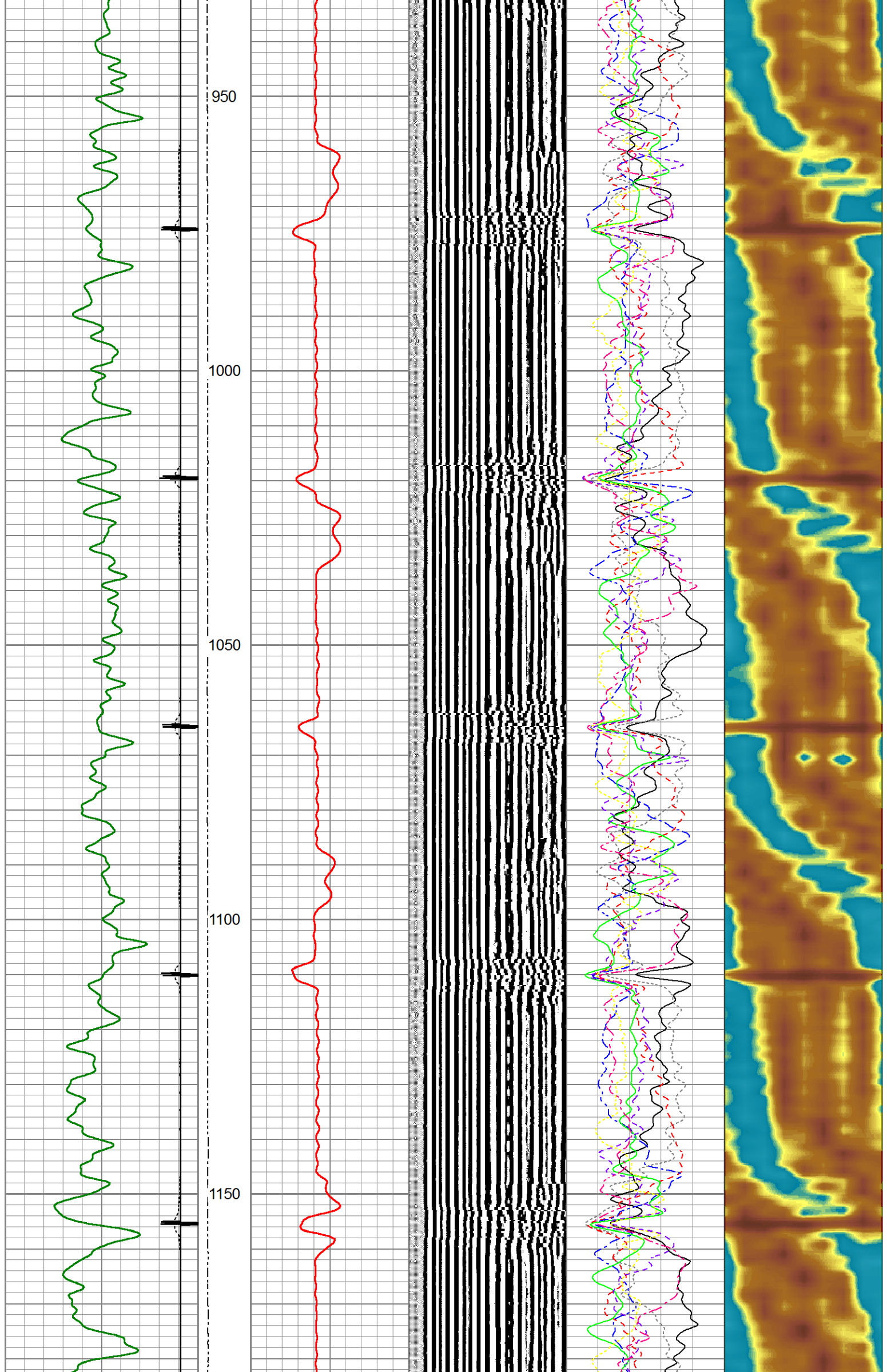
450	TT (usec)	150	LTEN	Amplified Amplitude	200	VDL (V)	1200	0	AMPS1	100	1	Sector Map	8
20	Collars	-2	(lb)	(mV)	20	PPT (usec)	1200	0	AMPS2	100	0		100
0	Gamma Ray	200	0 3000	0 Amplitude (mV)100				0	AMPS3	100			
								0	AMPS4	100			
								0	AMPS5	100			
								0	AMPS6	100			
								0	AMPS7	100			
								0	AMPS8	100			

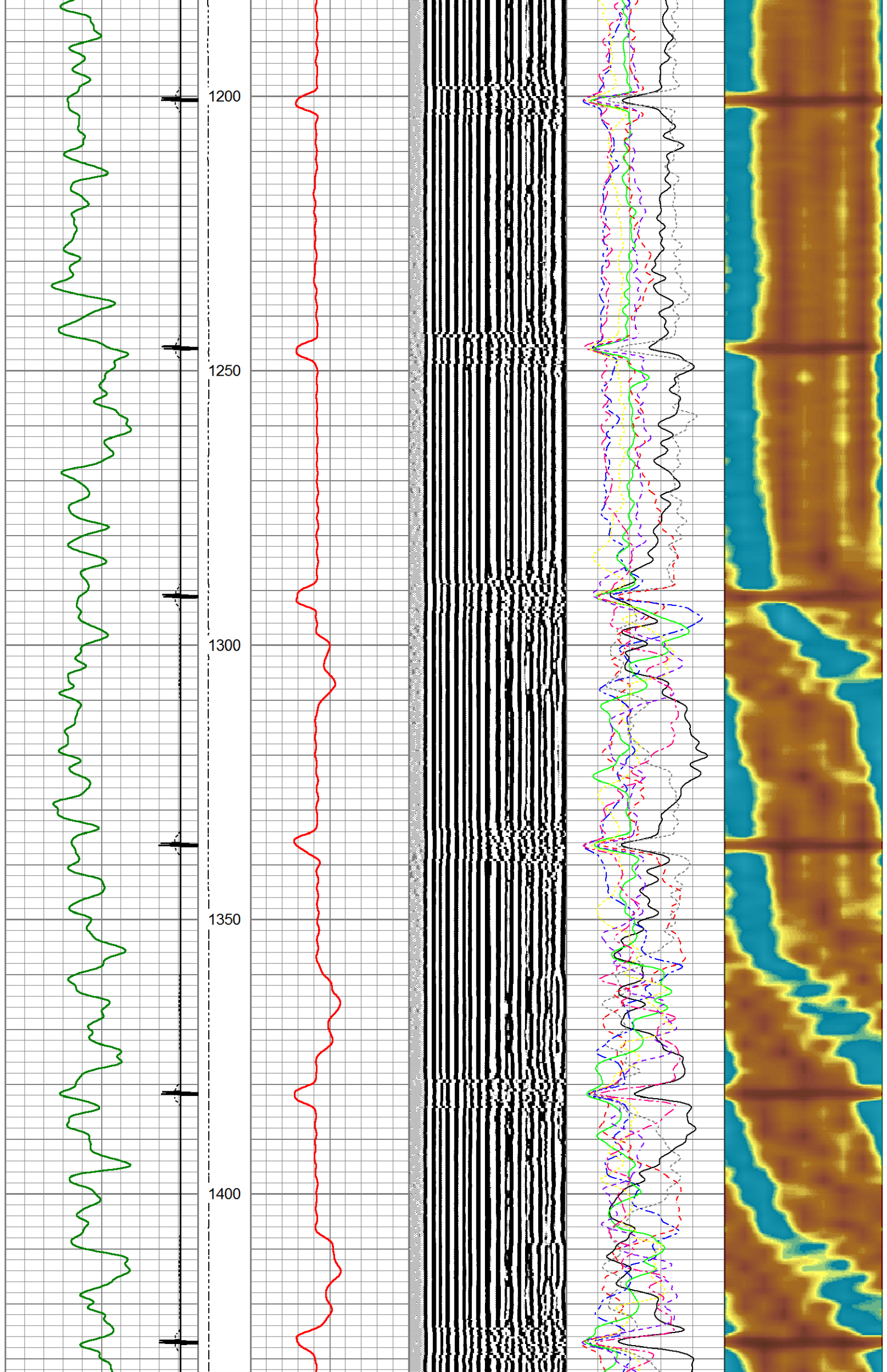


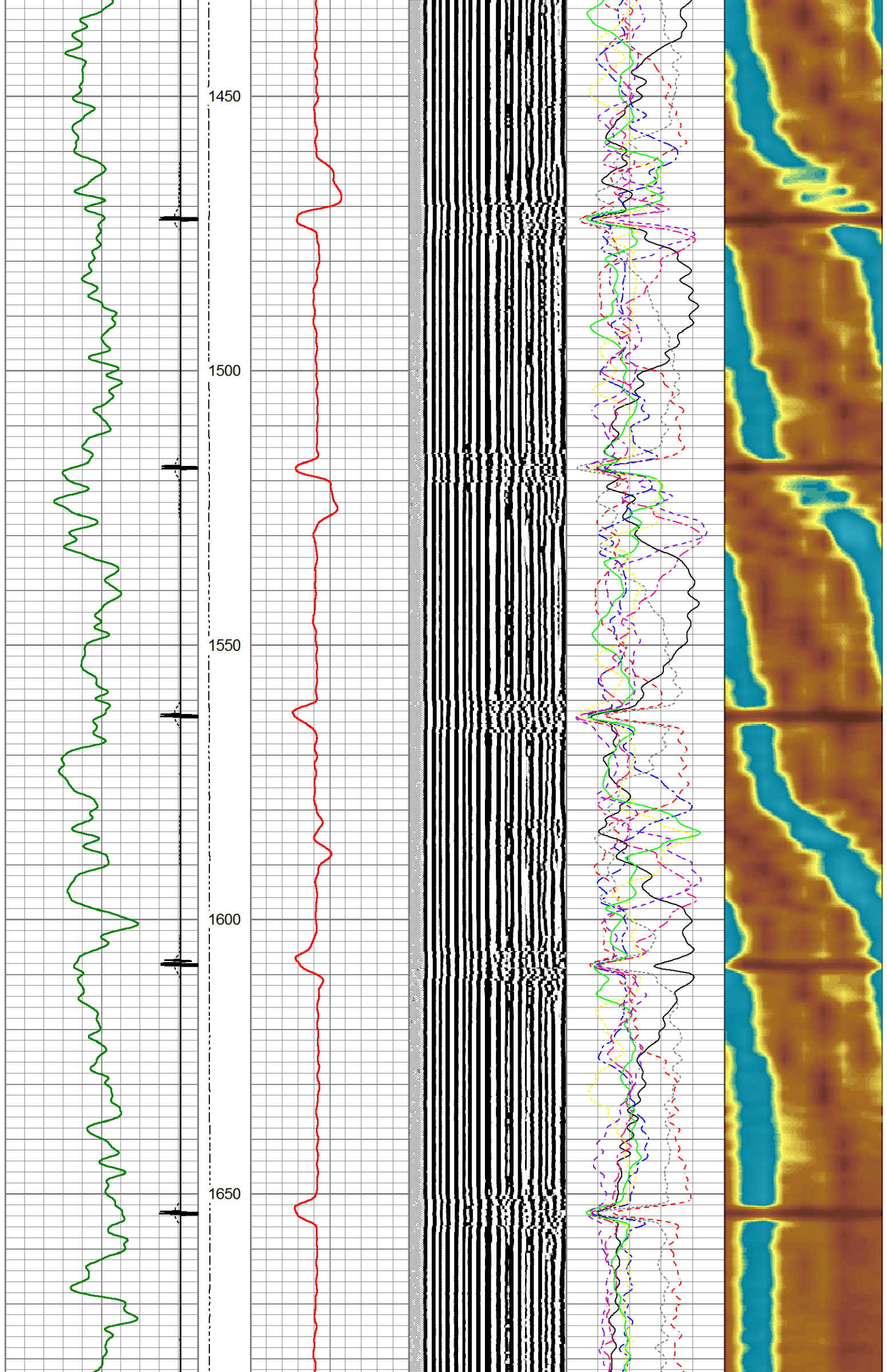


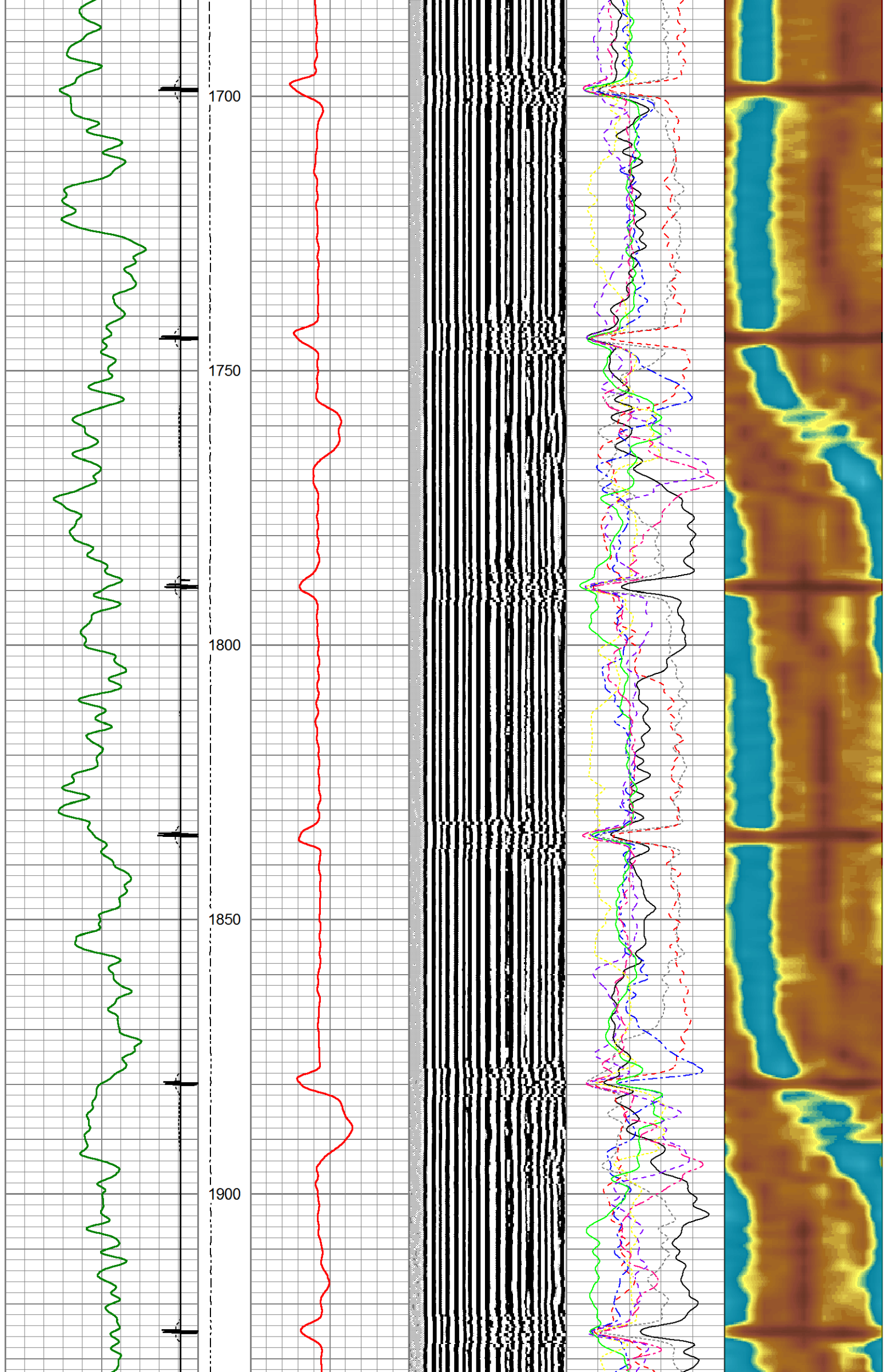


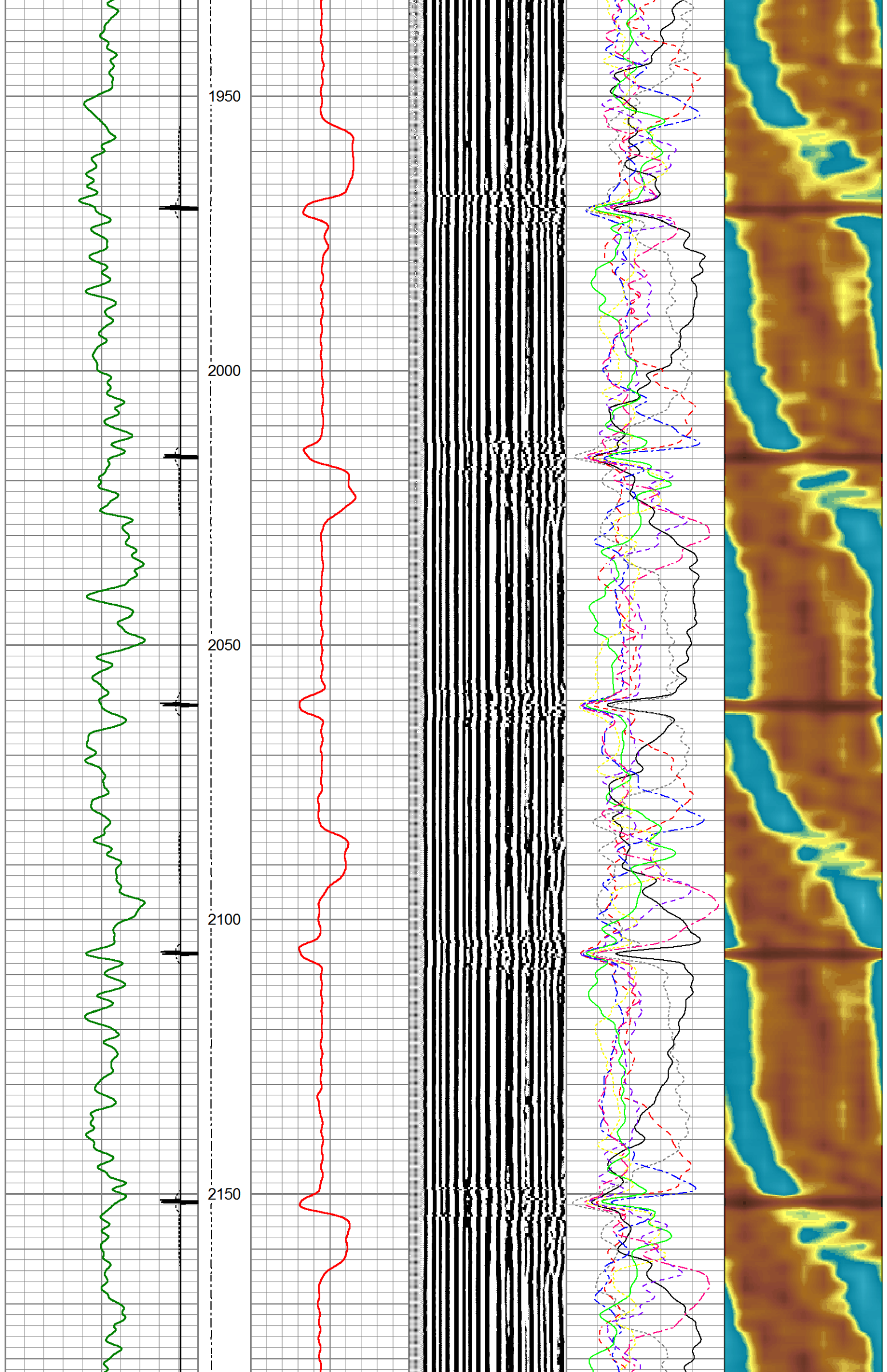


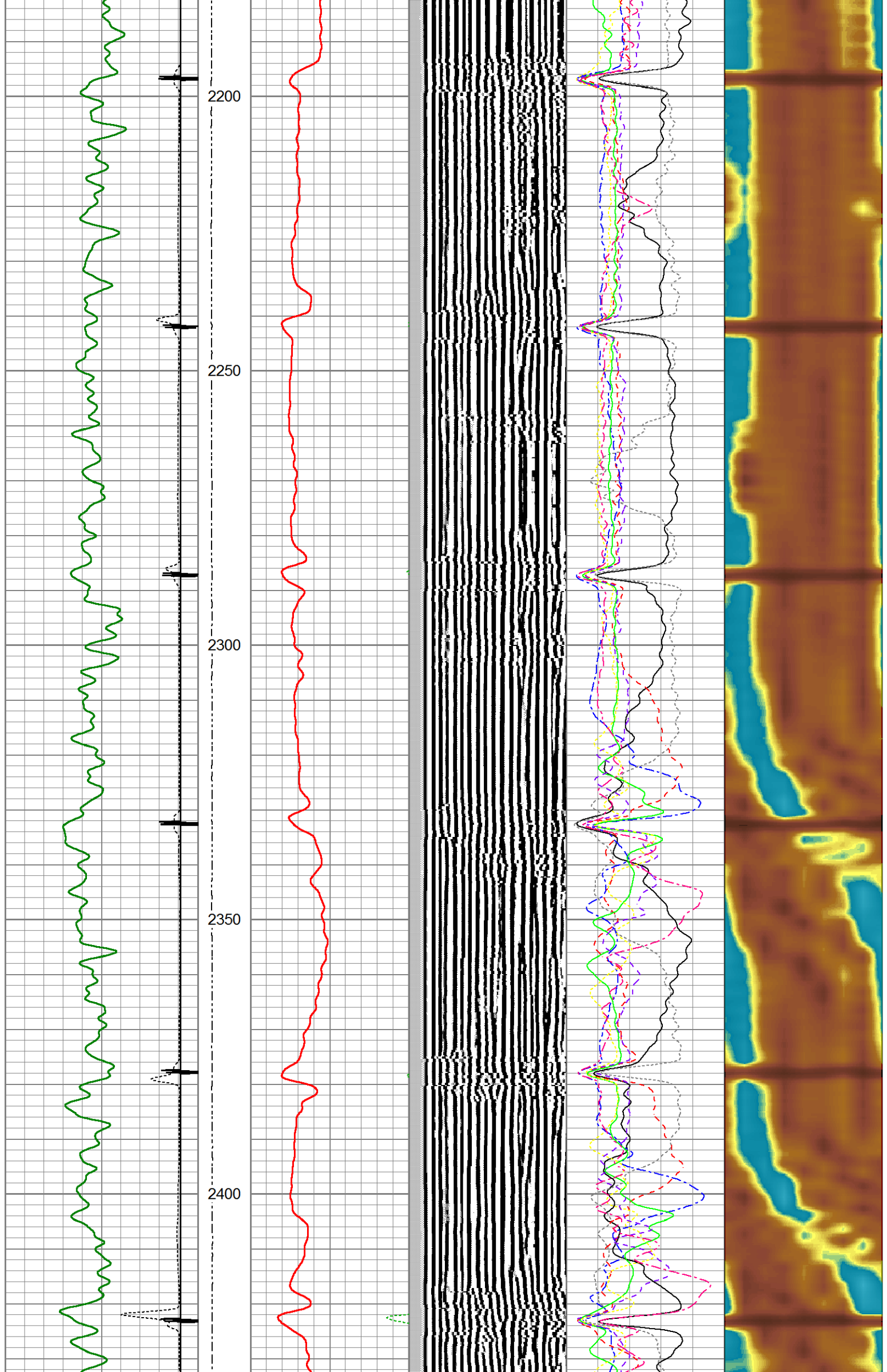


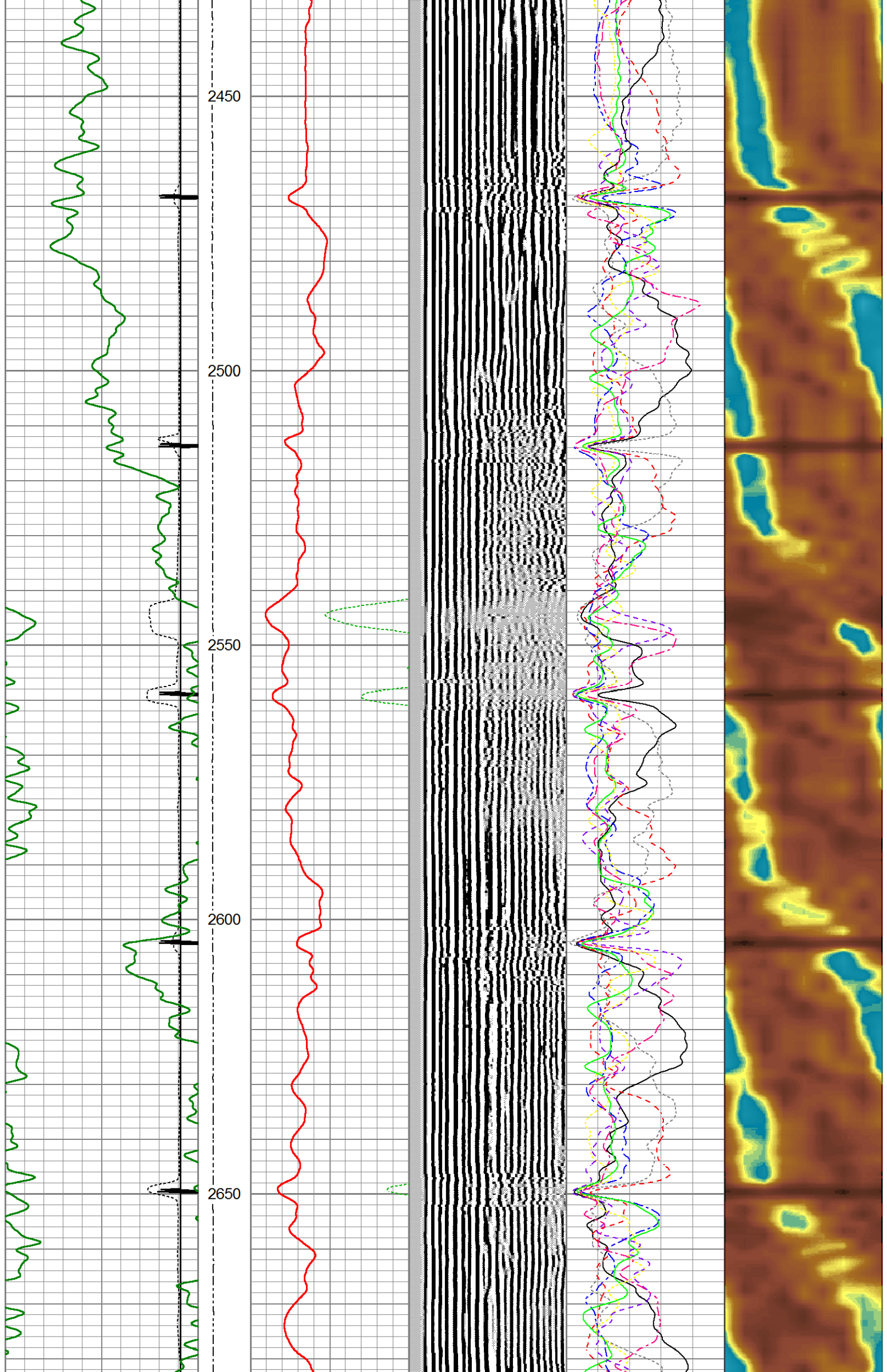


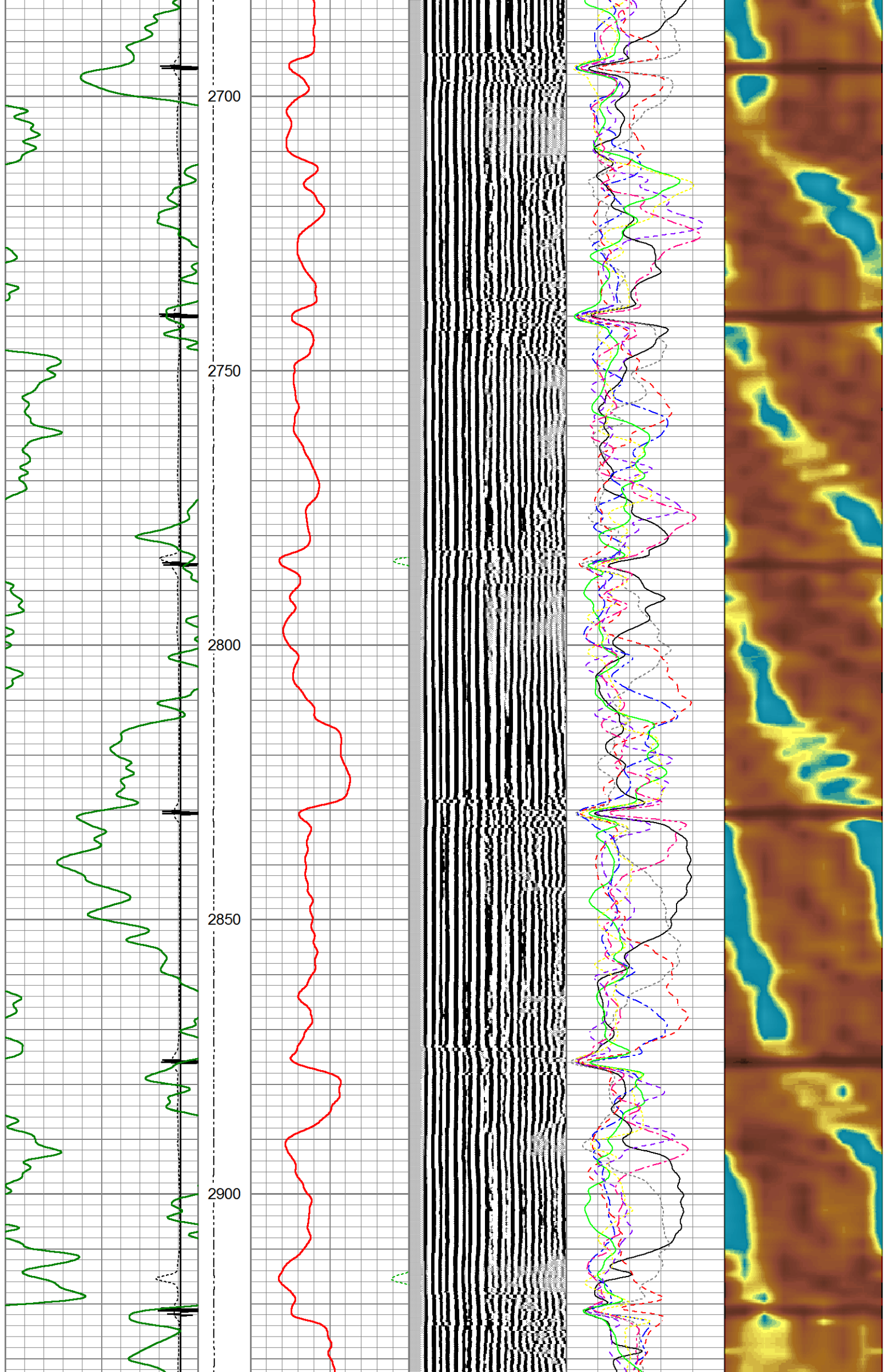


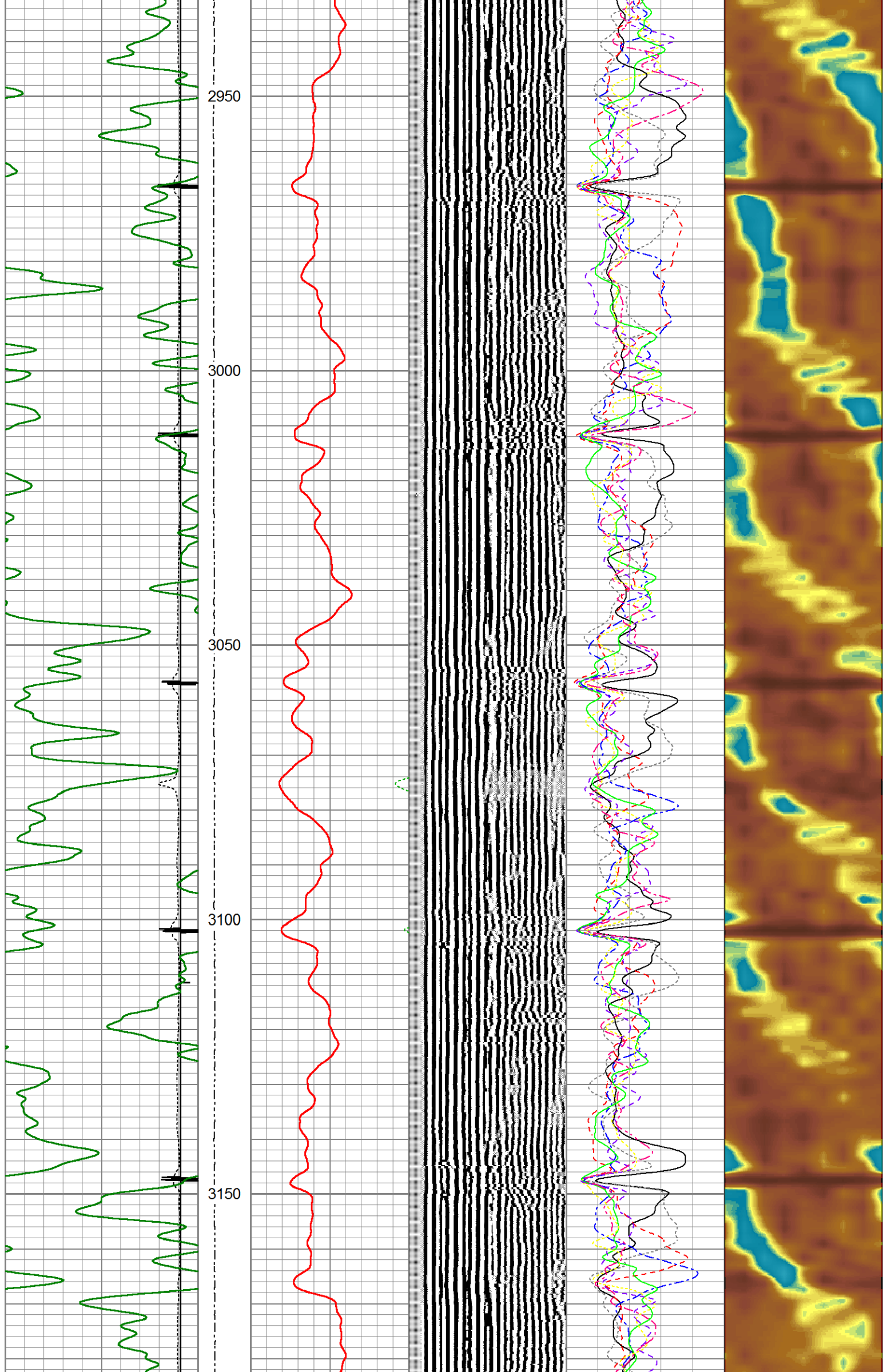


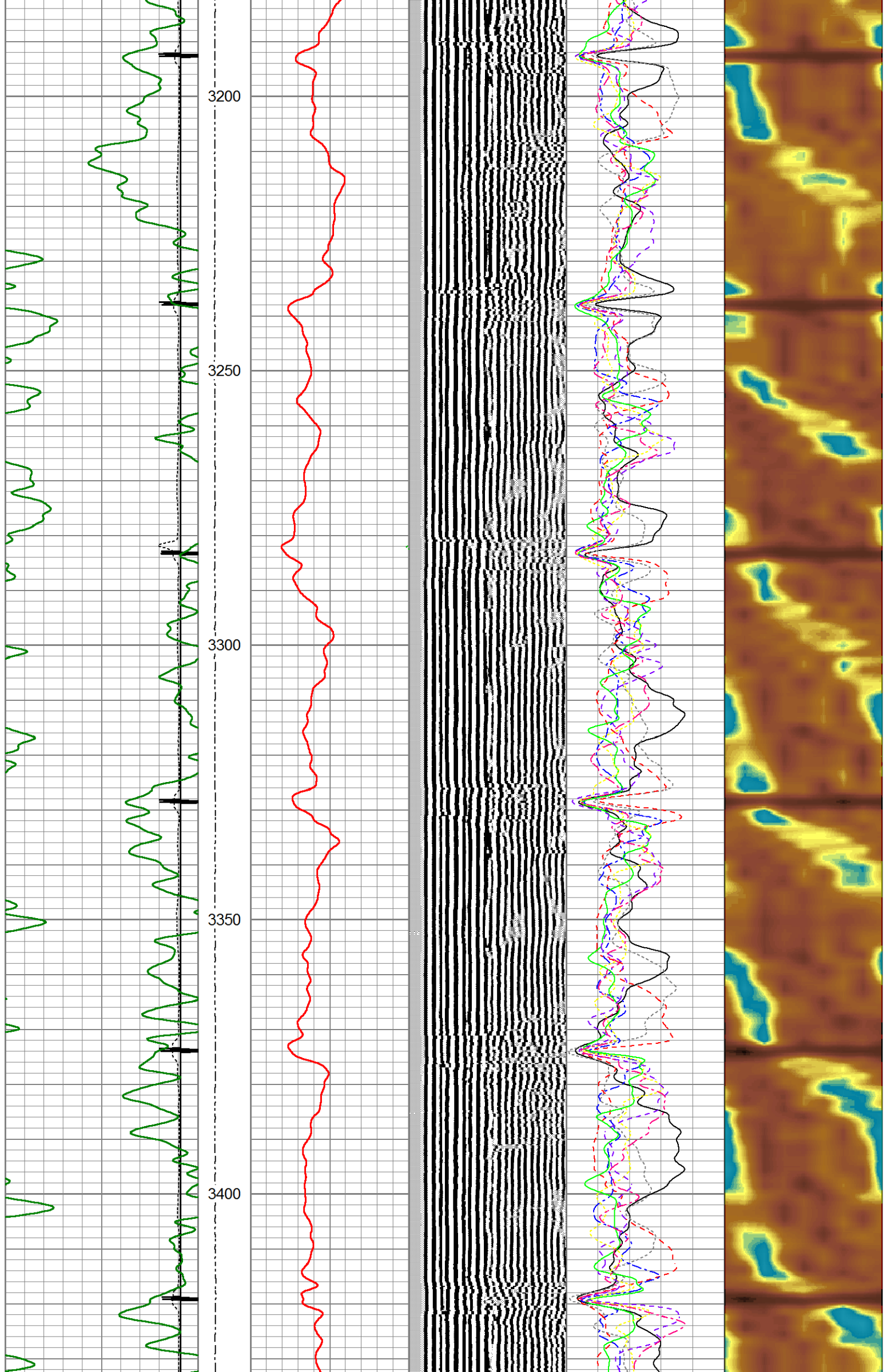


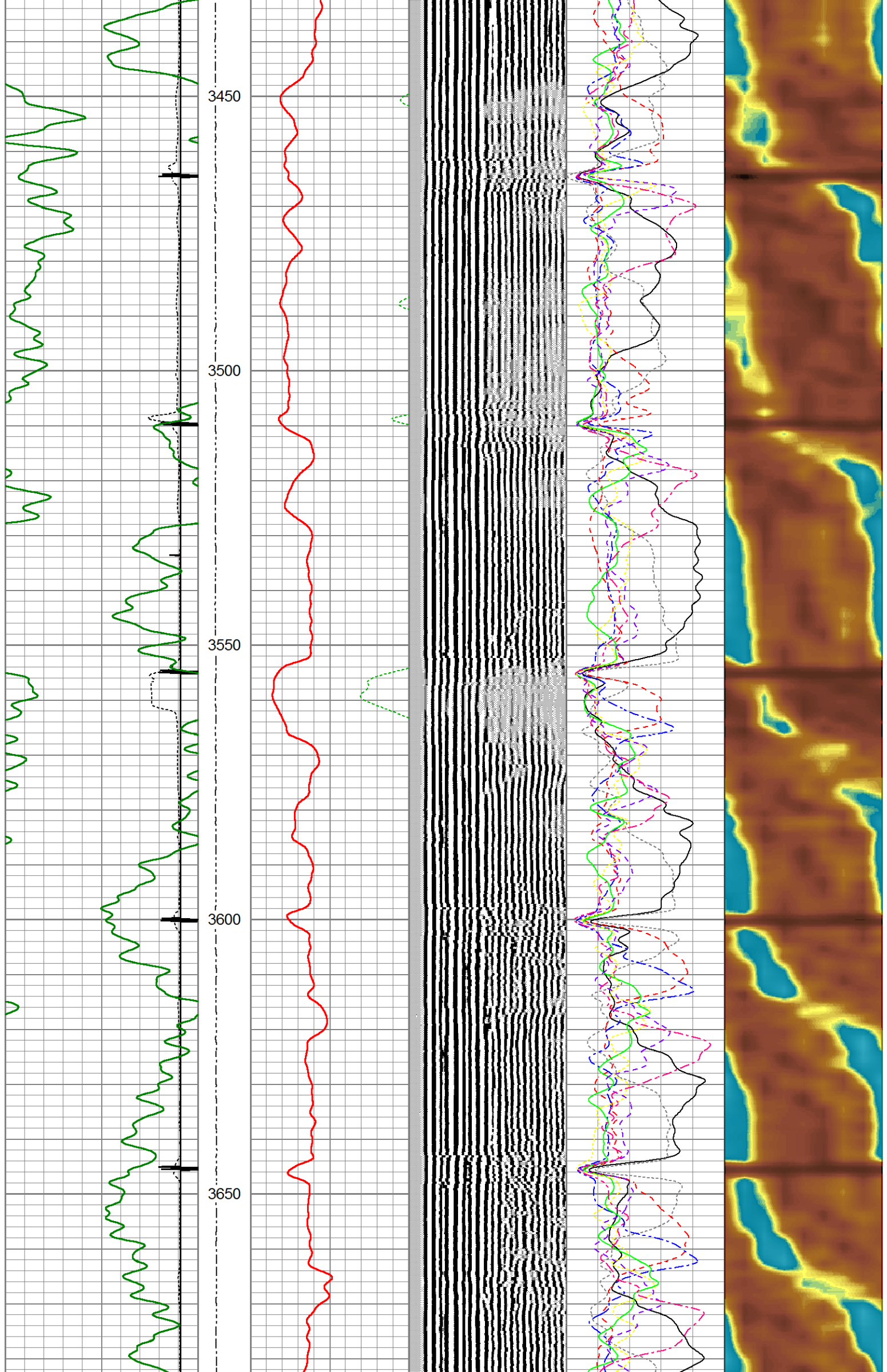


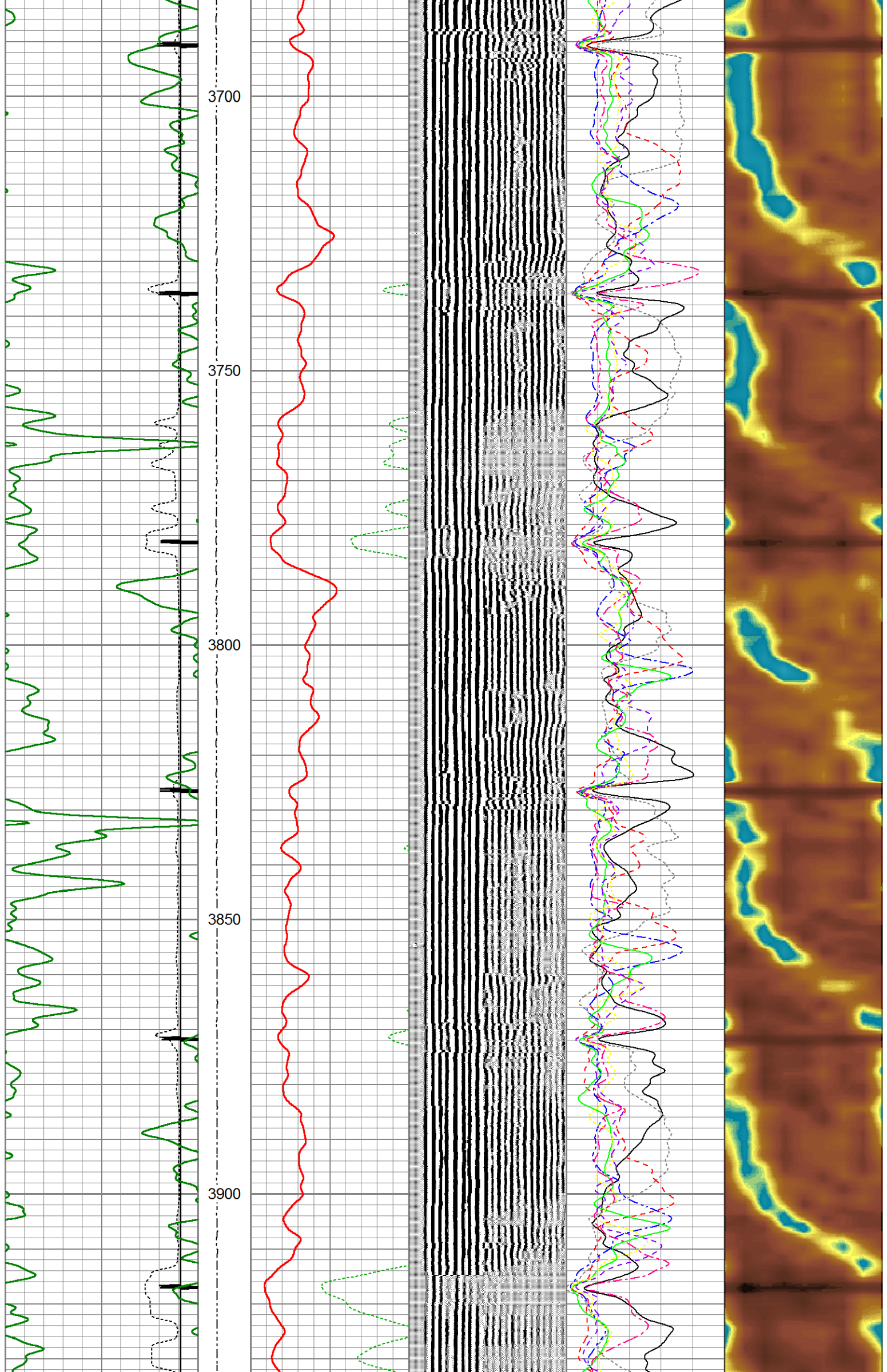


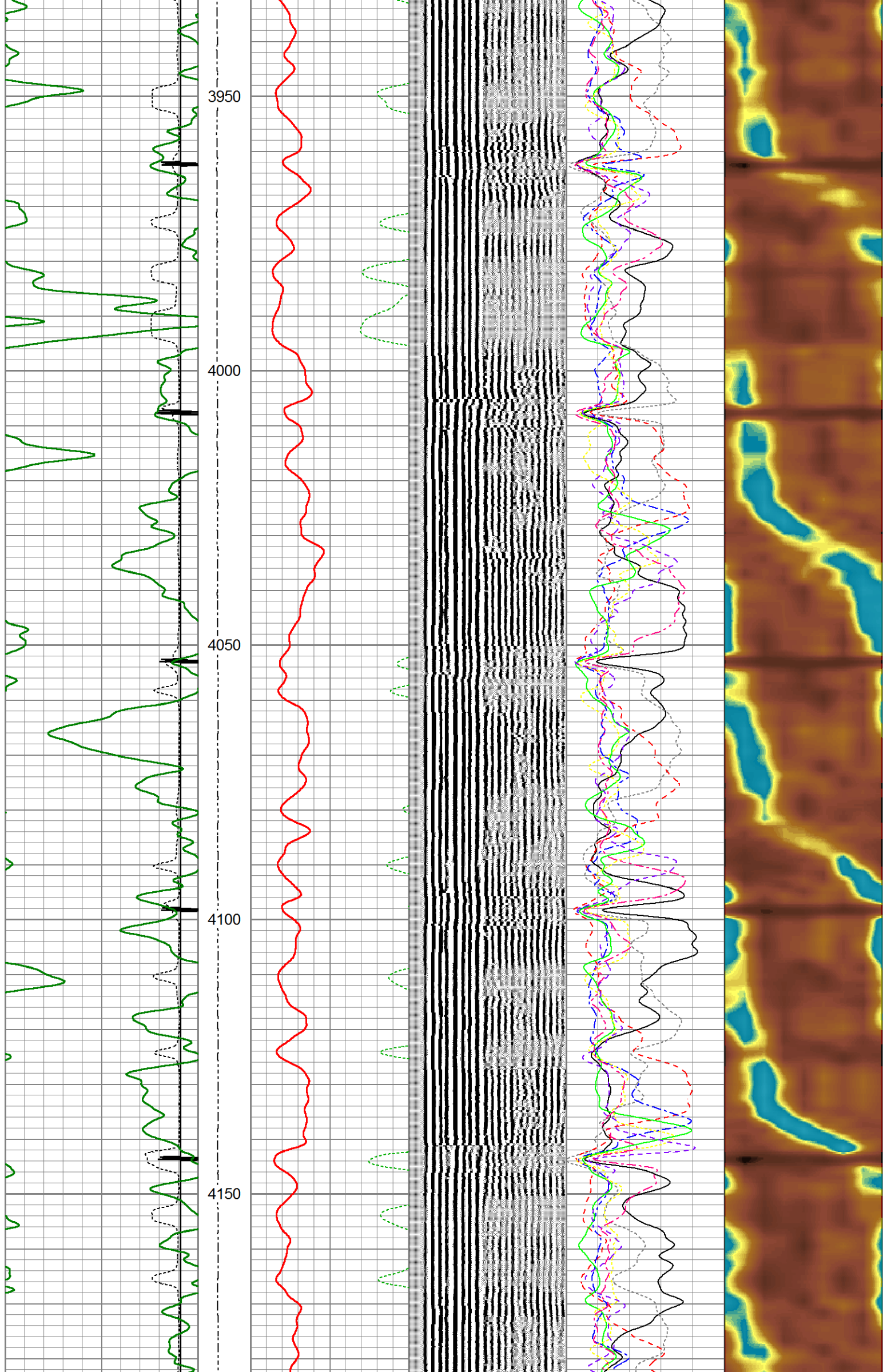


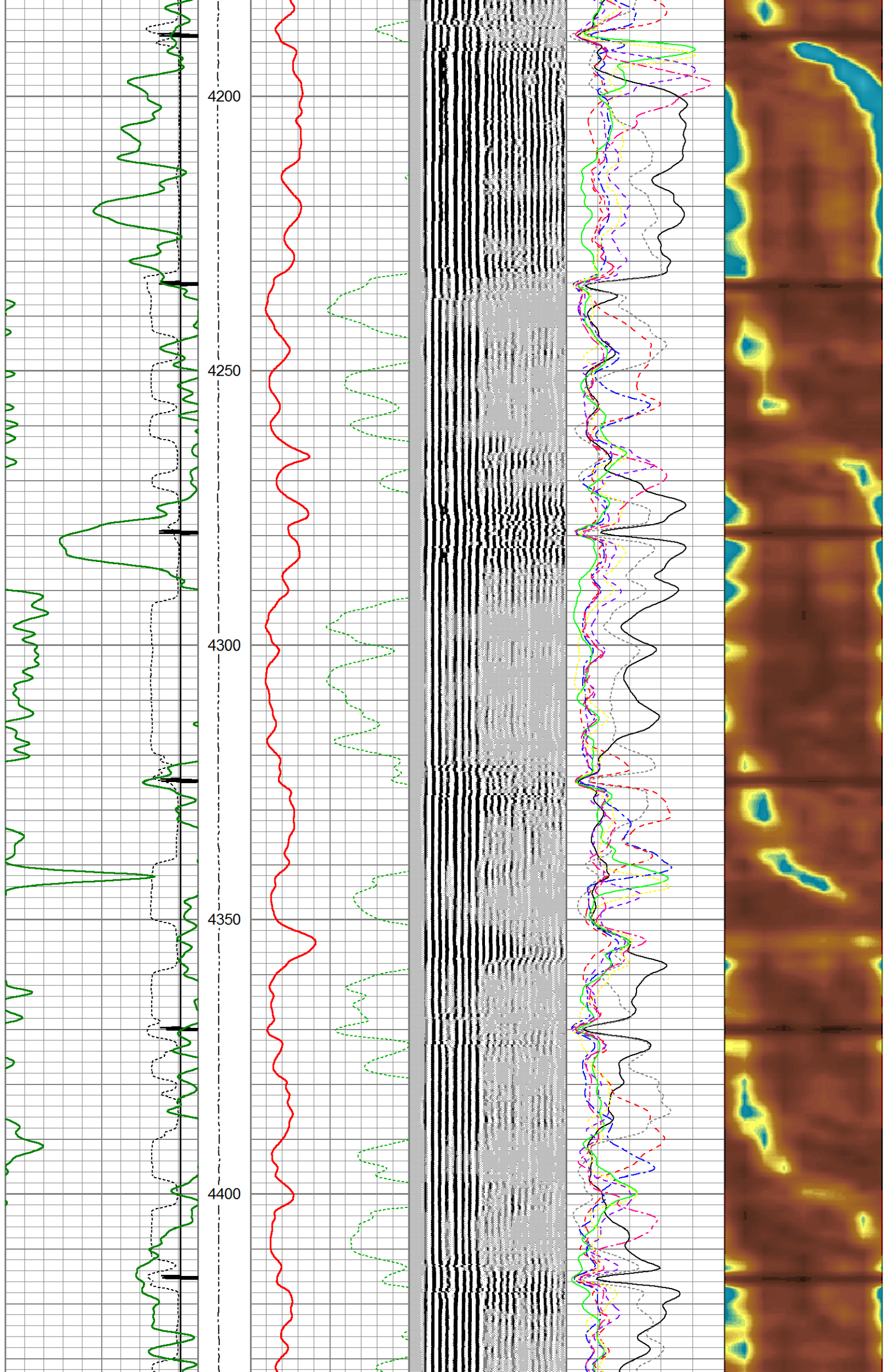


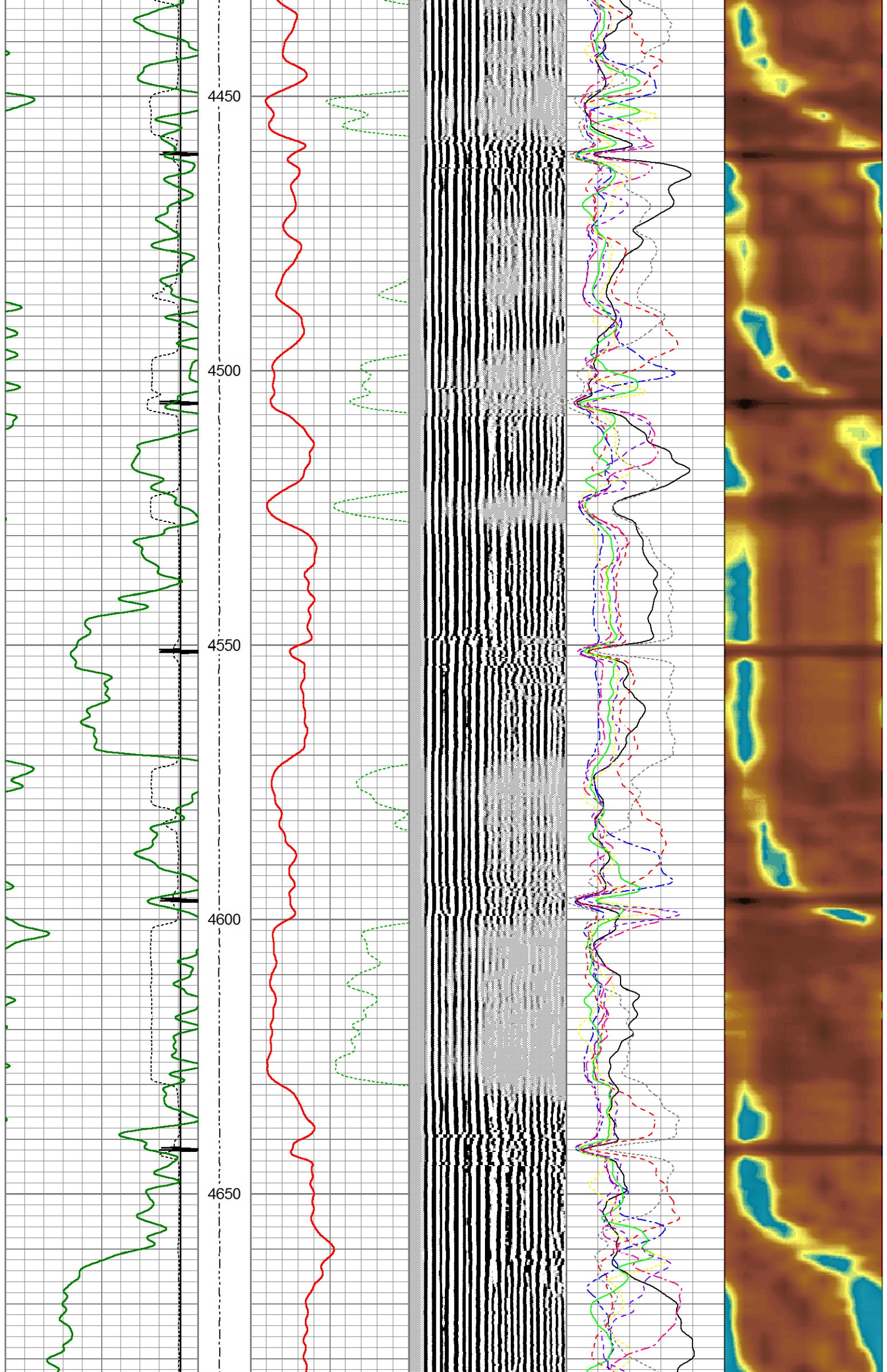


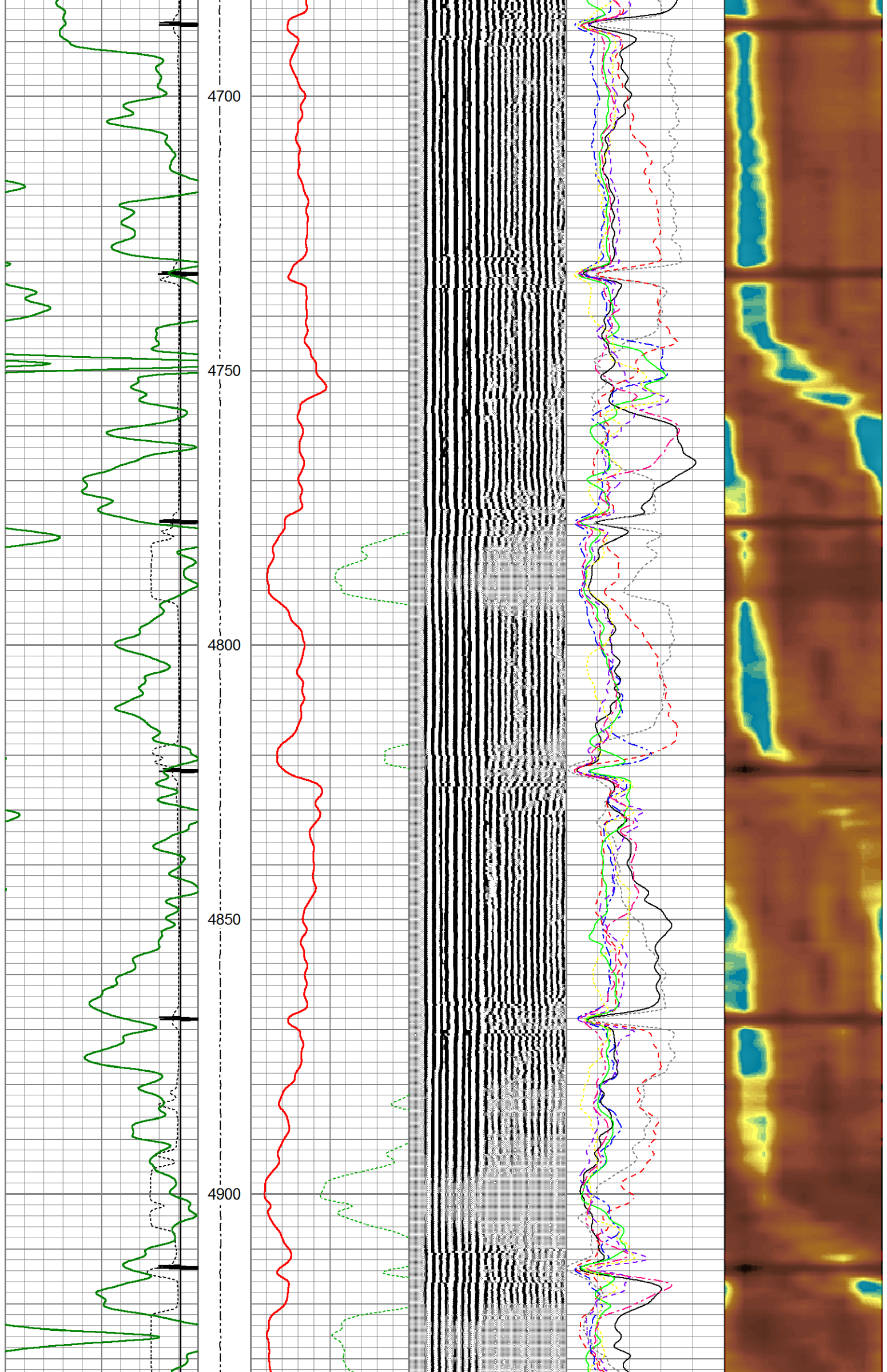


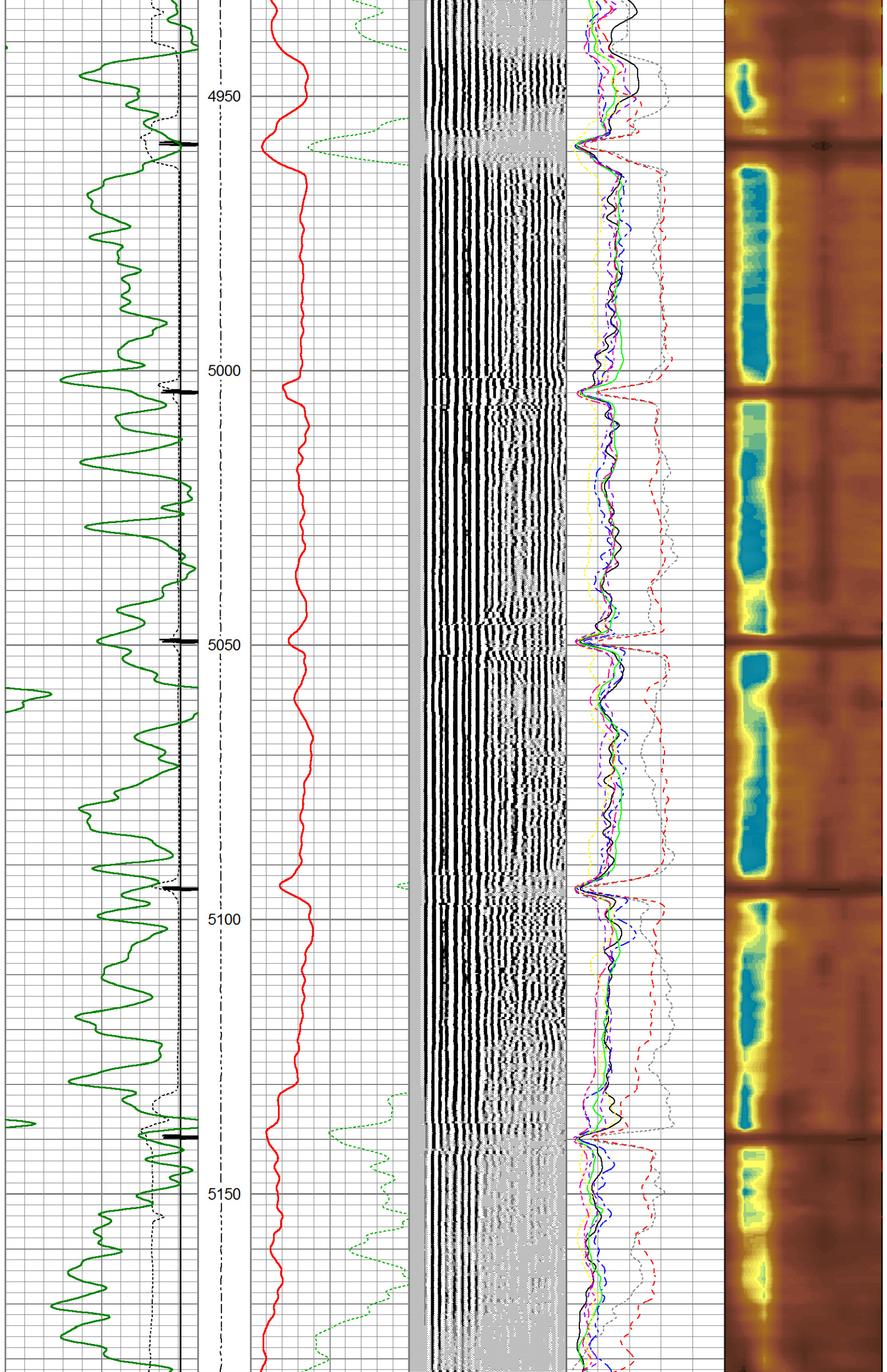


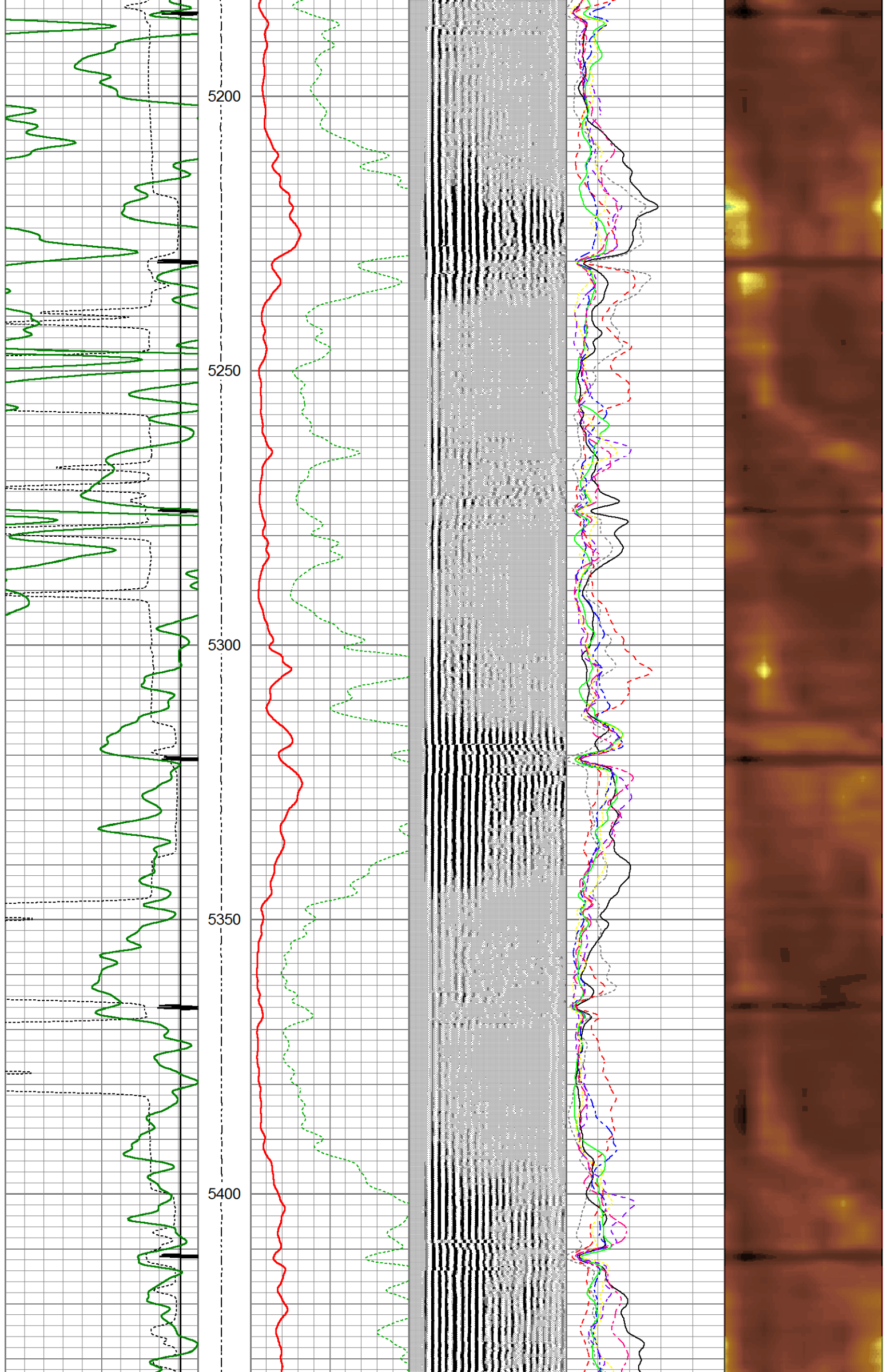


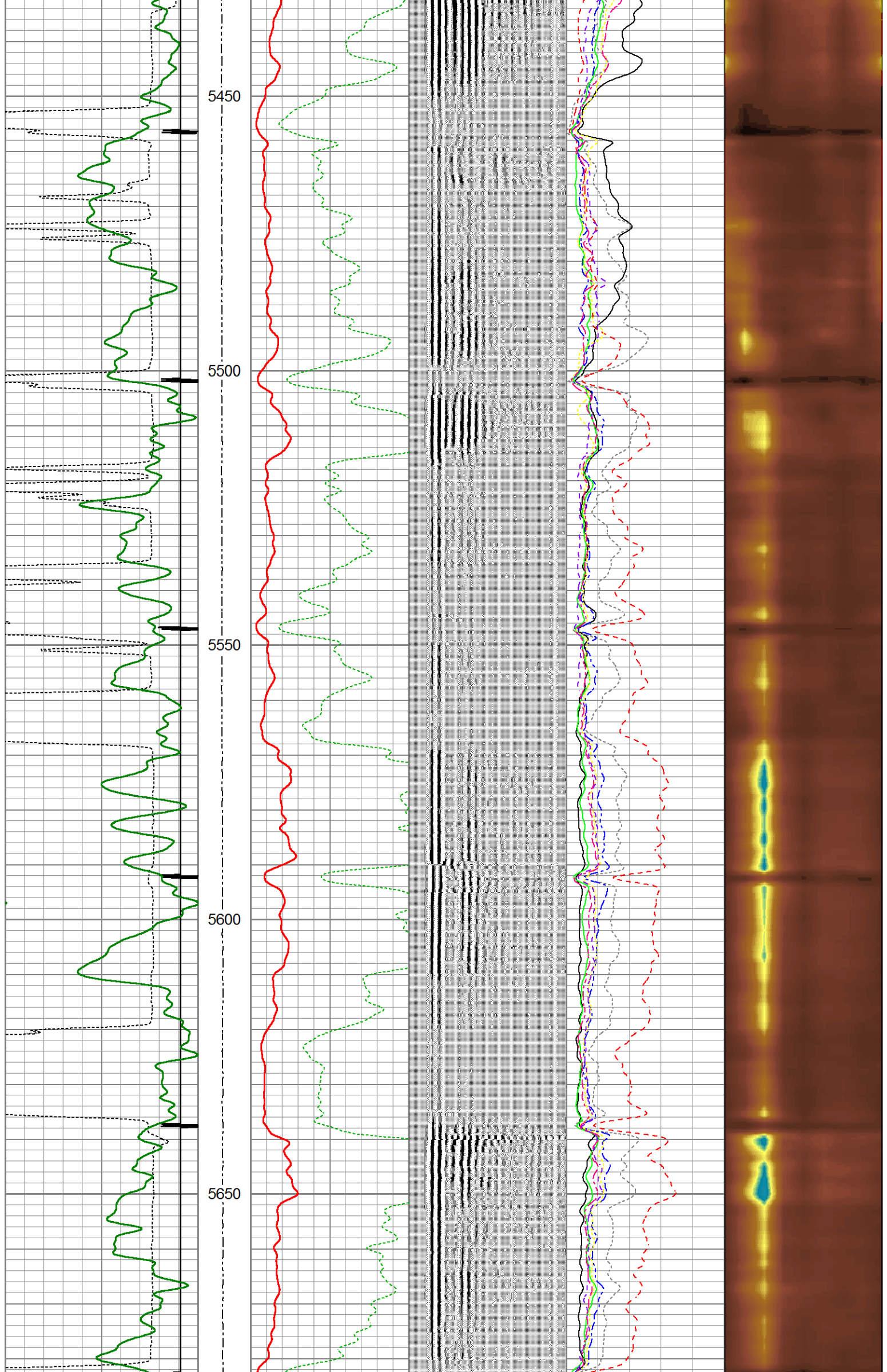


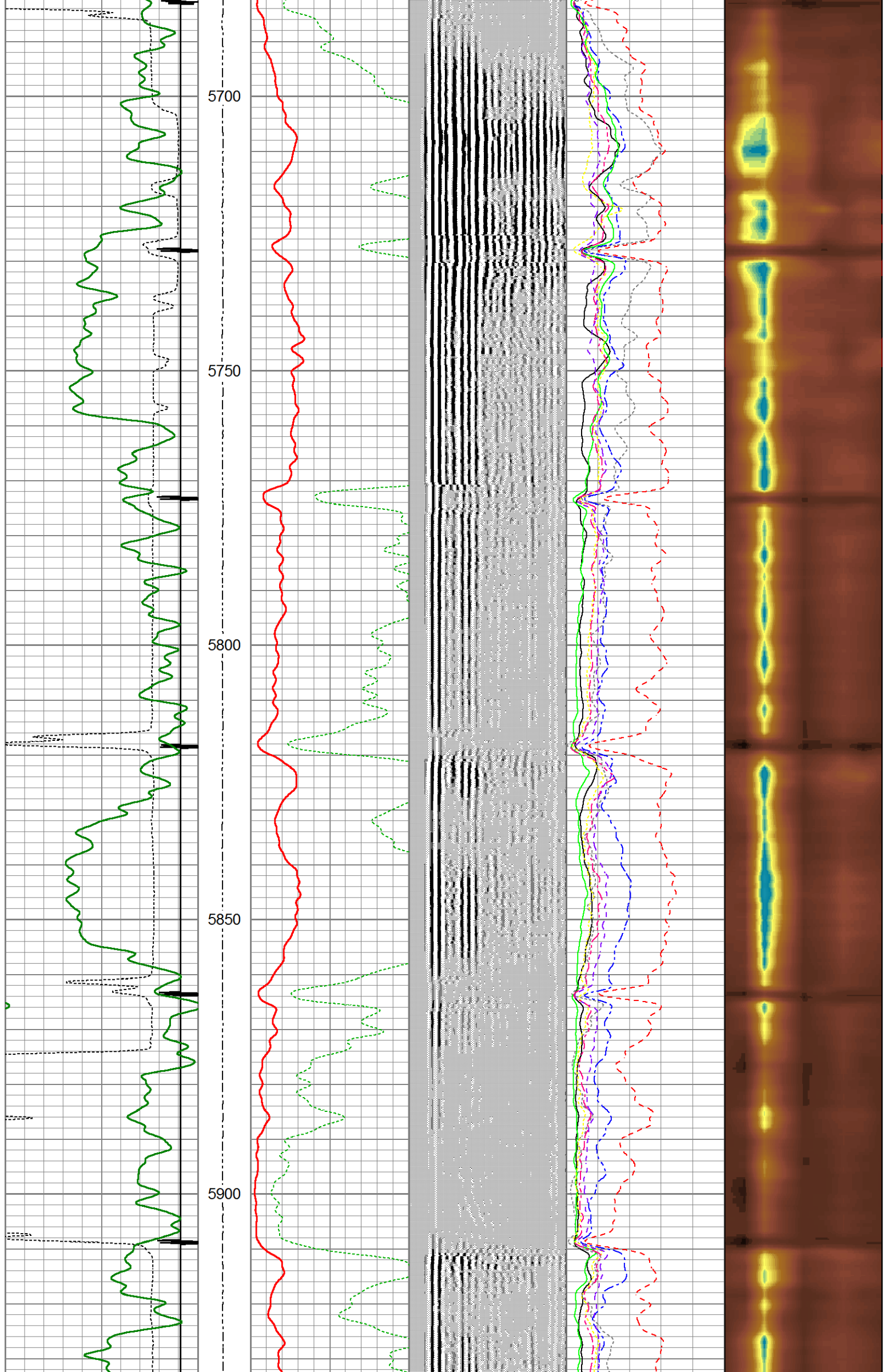


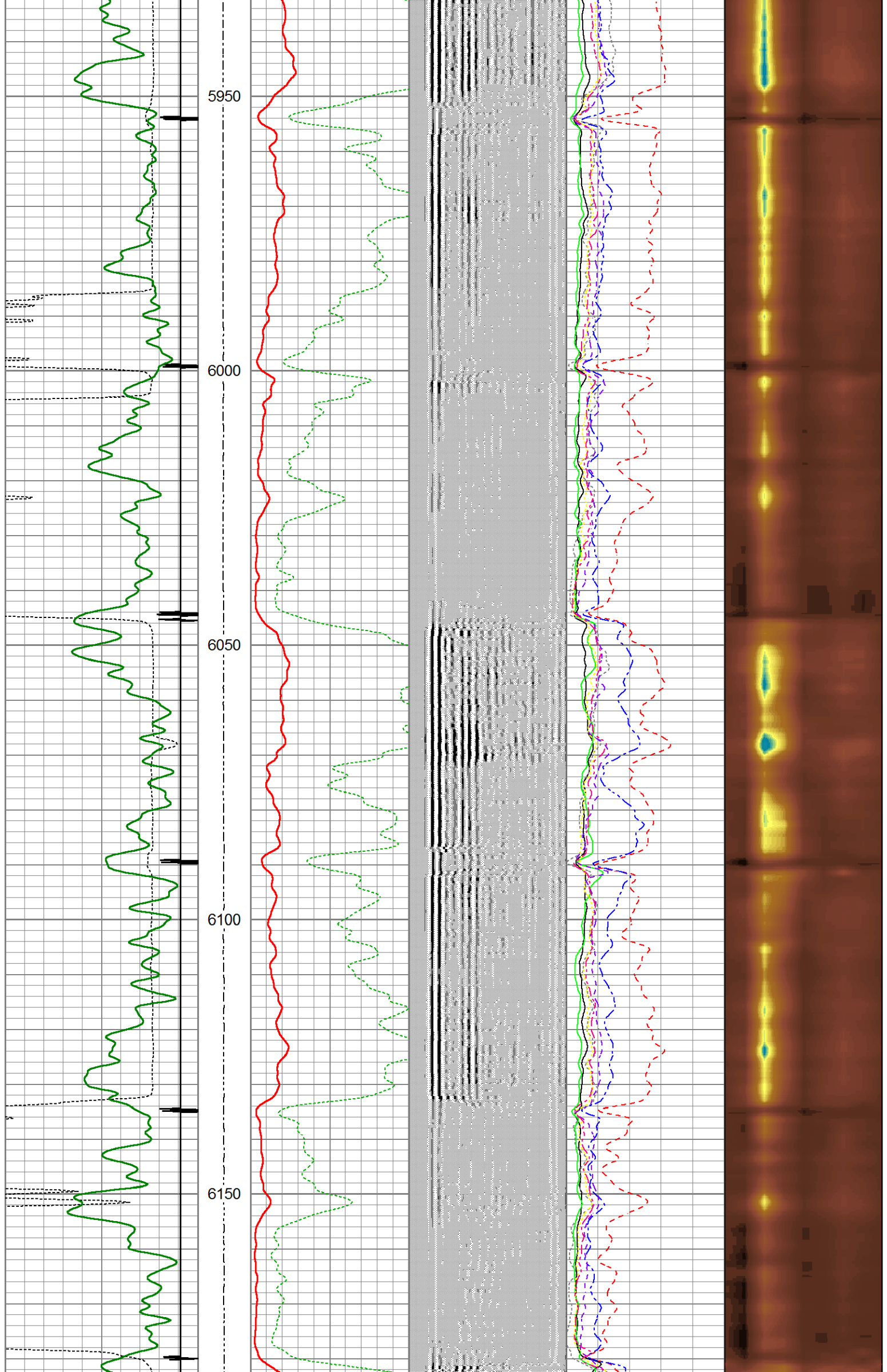


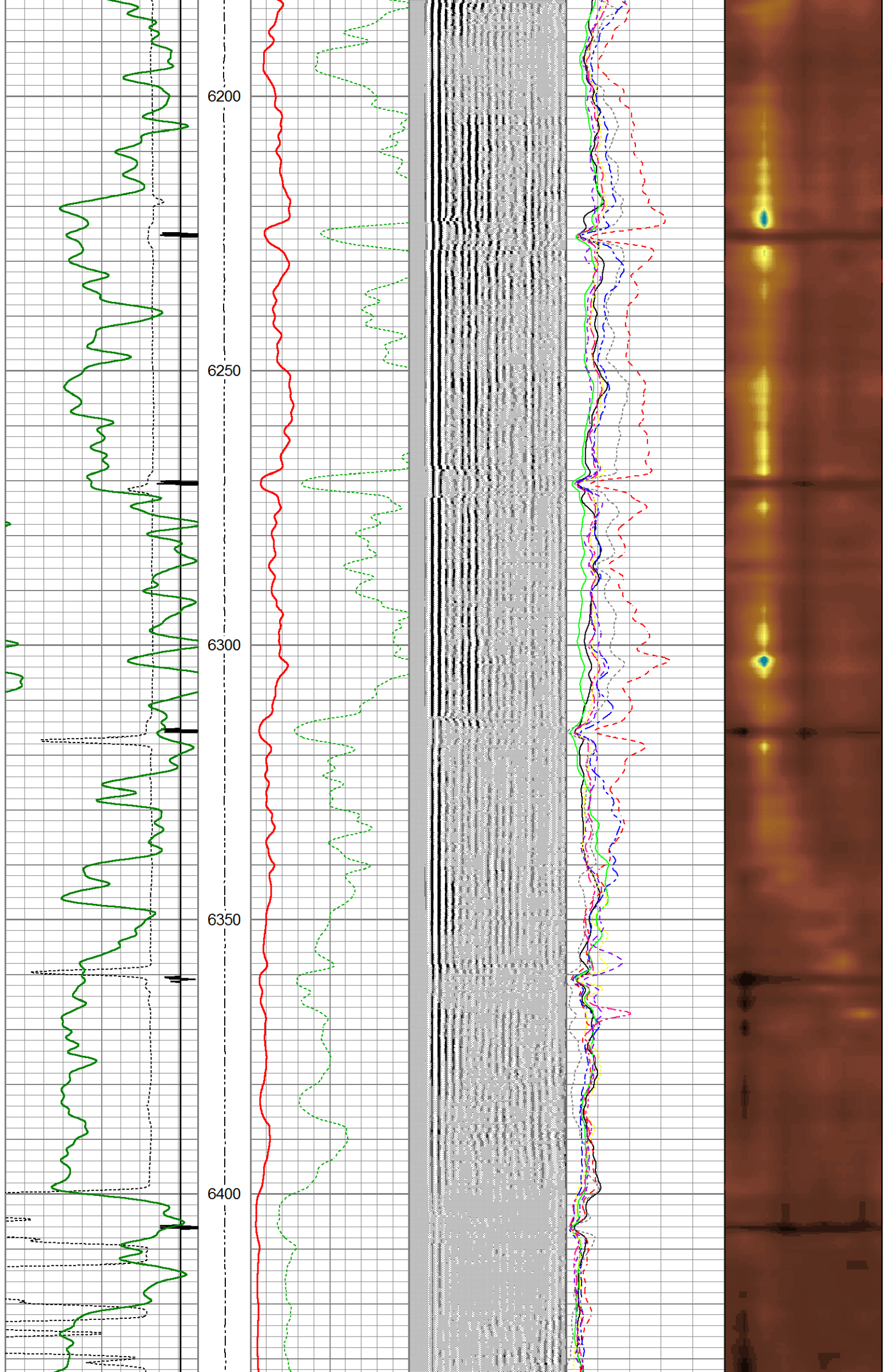


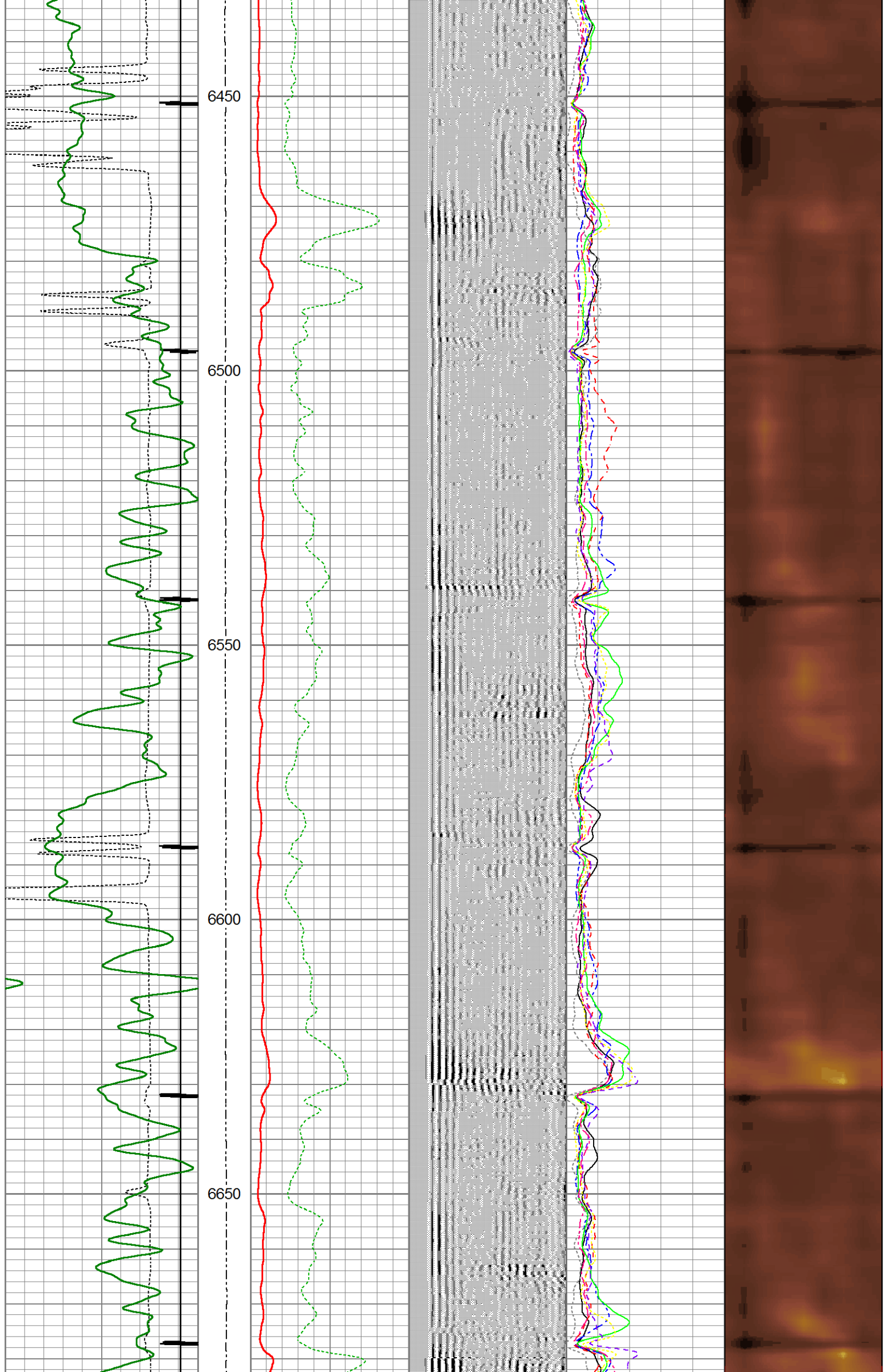


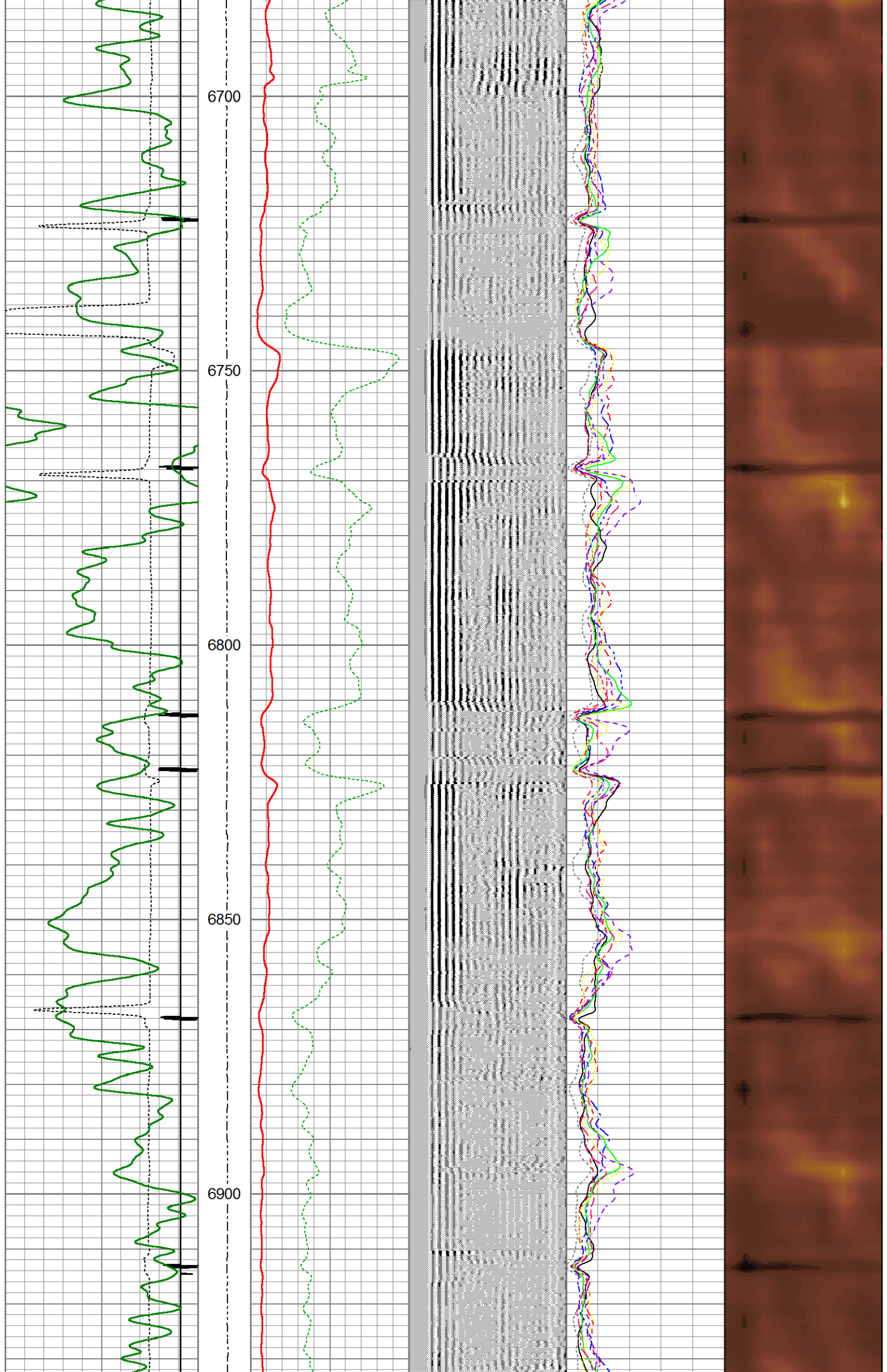


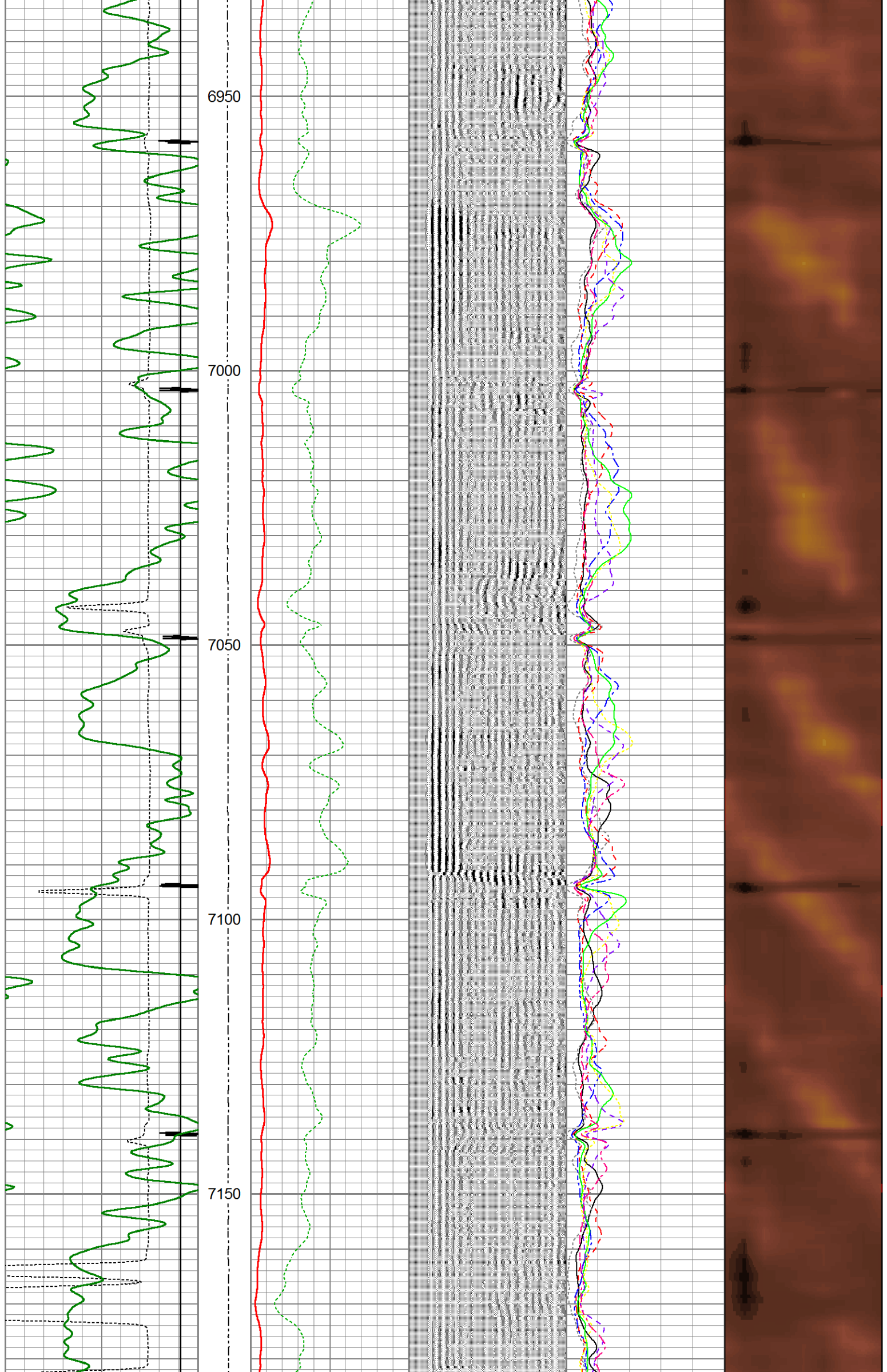


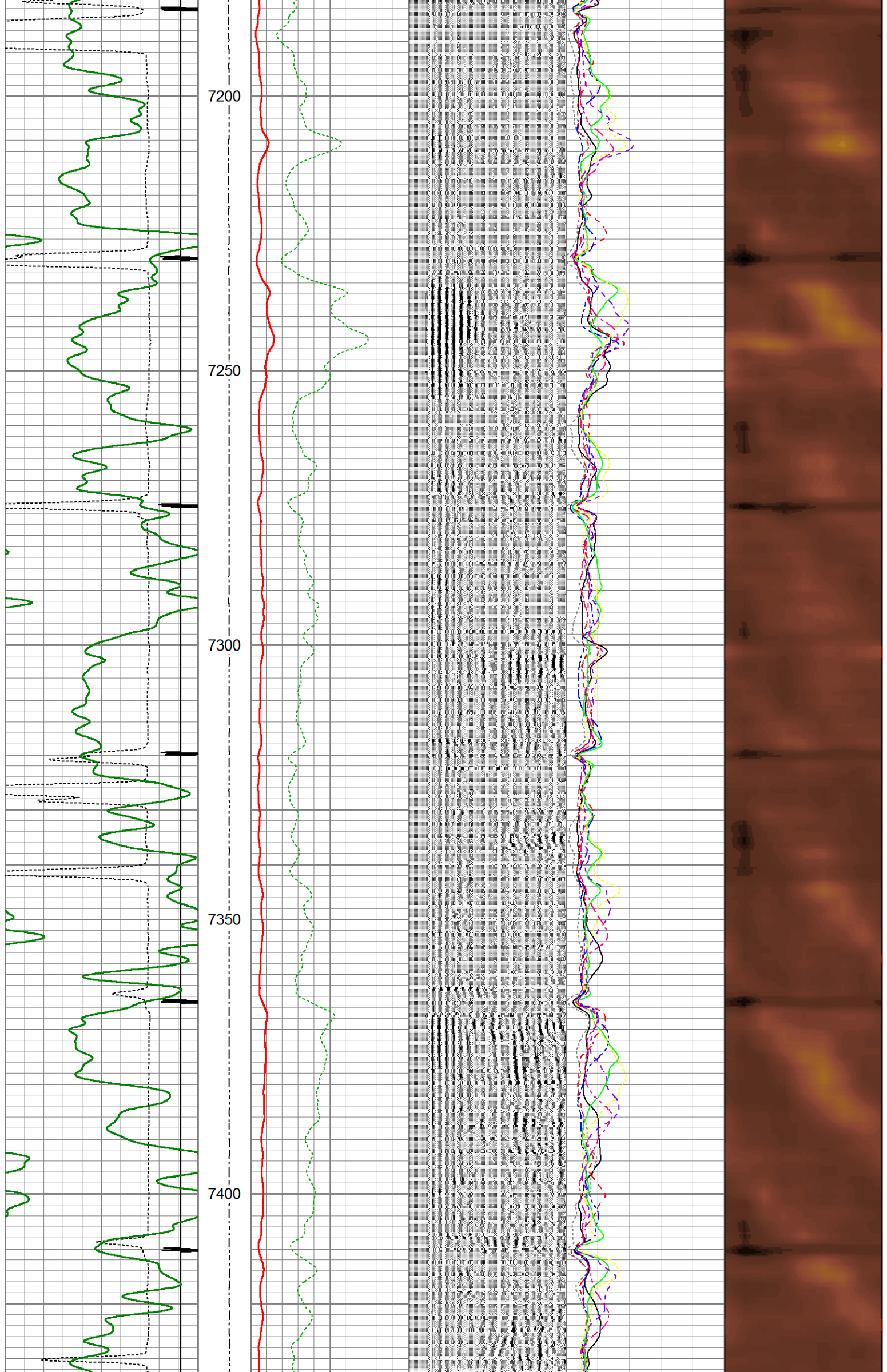


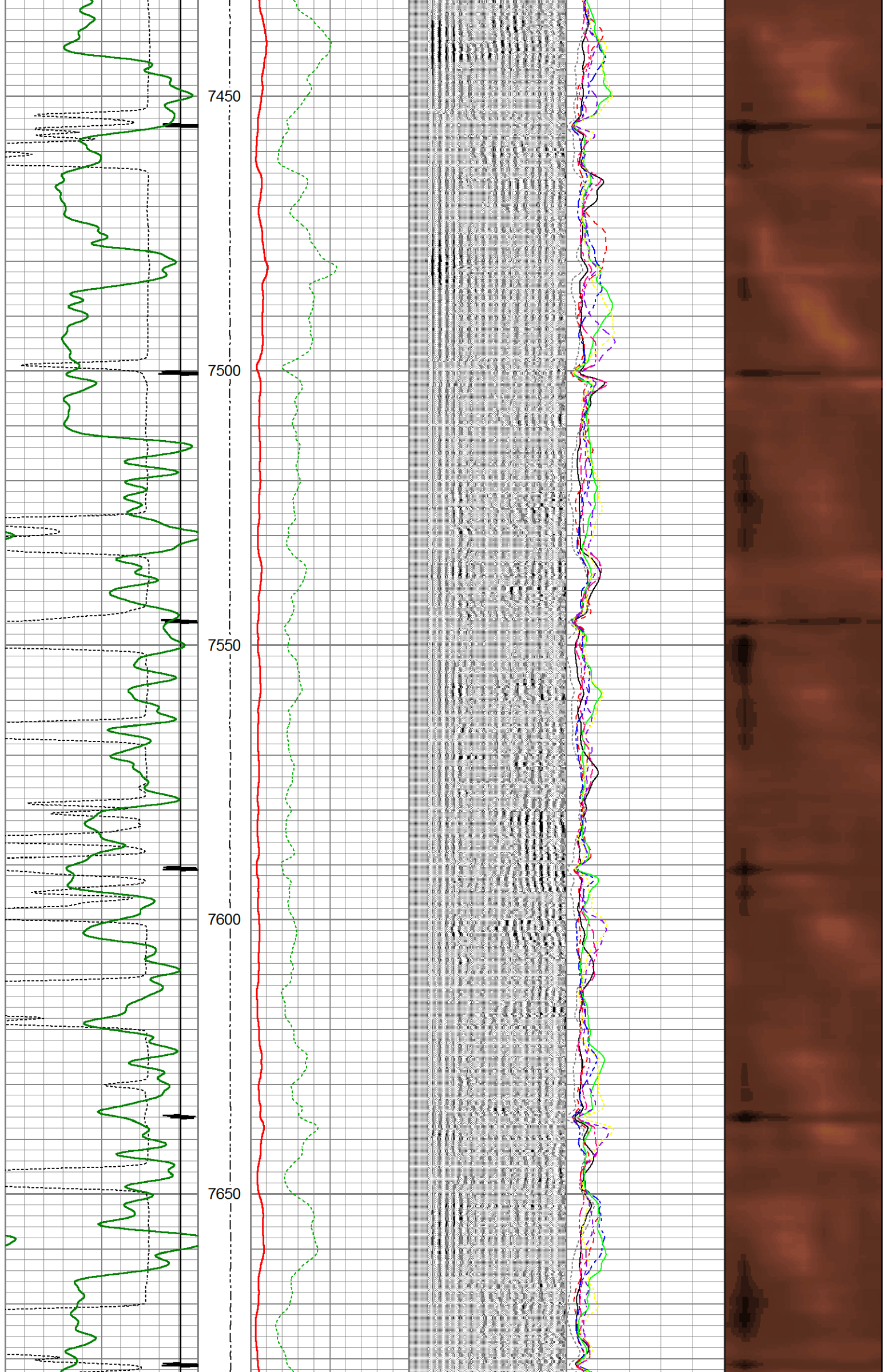


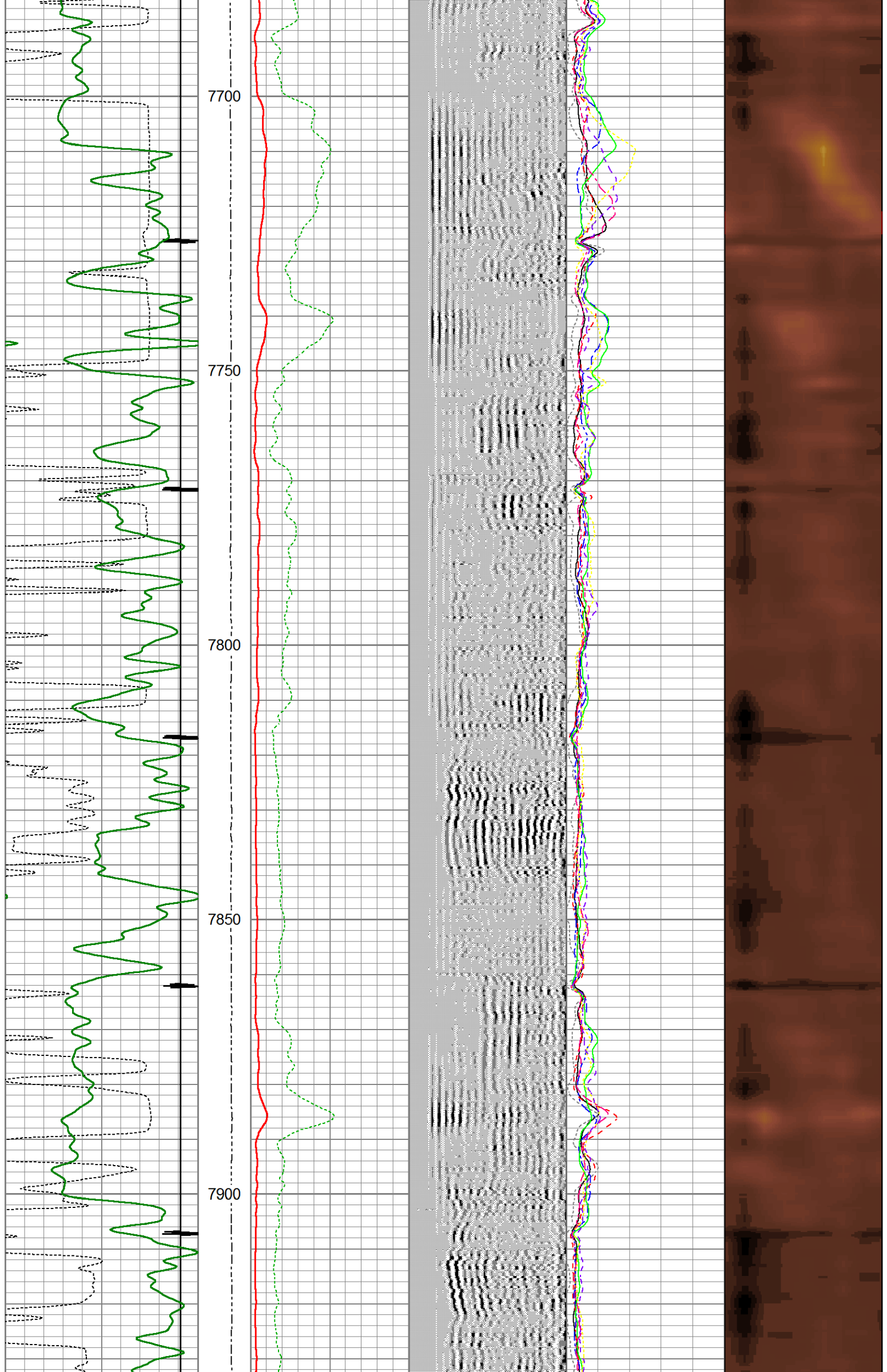


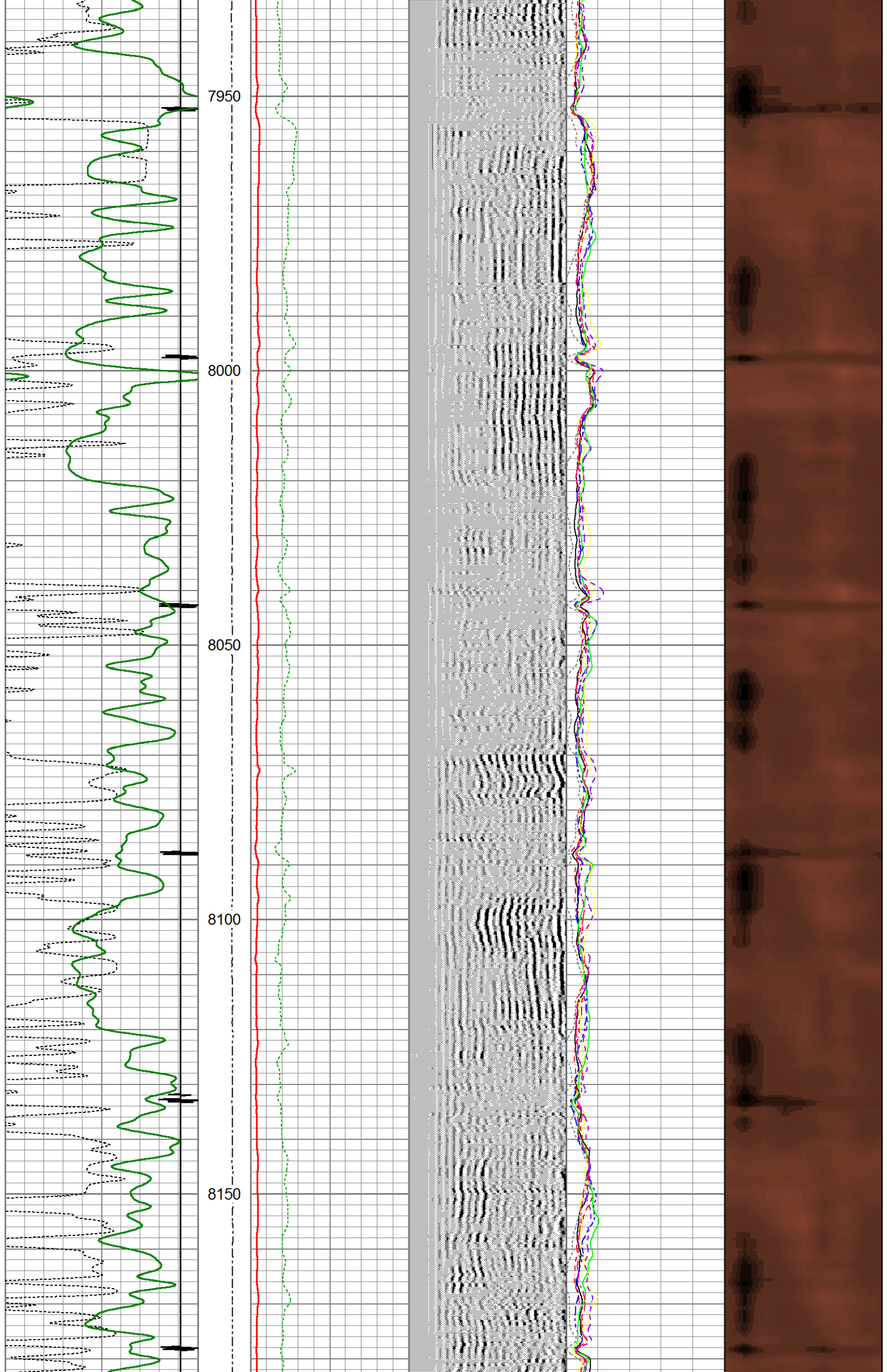


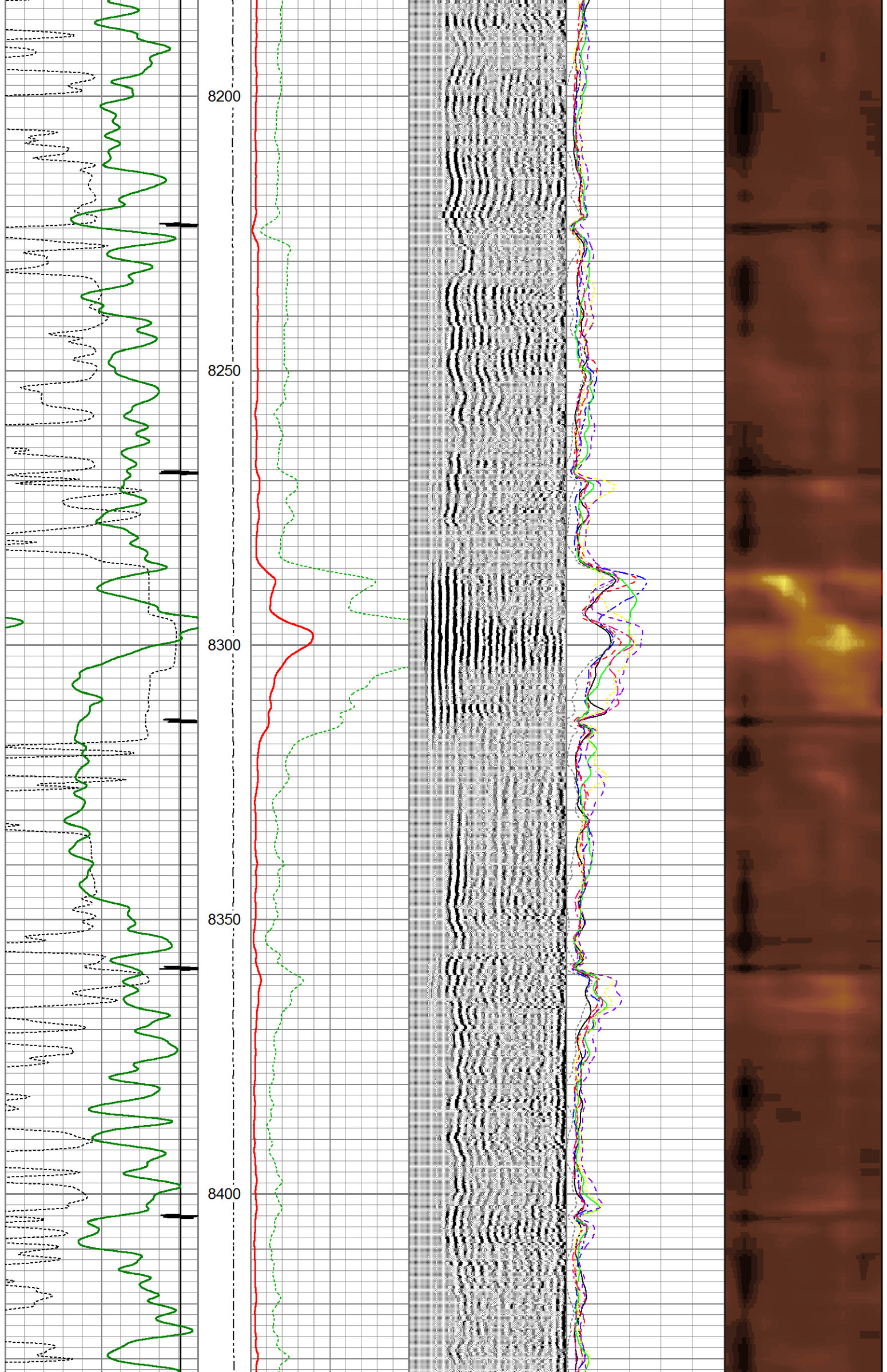


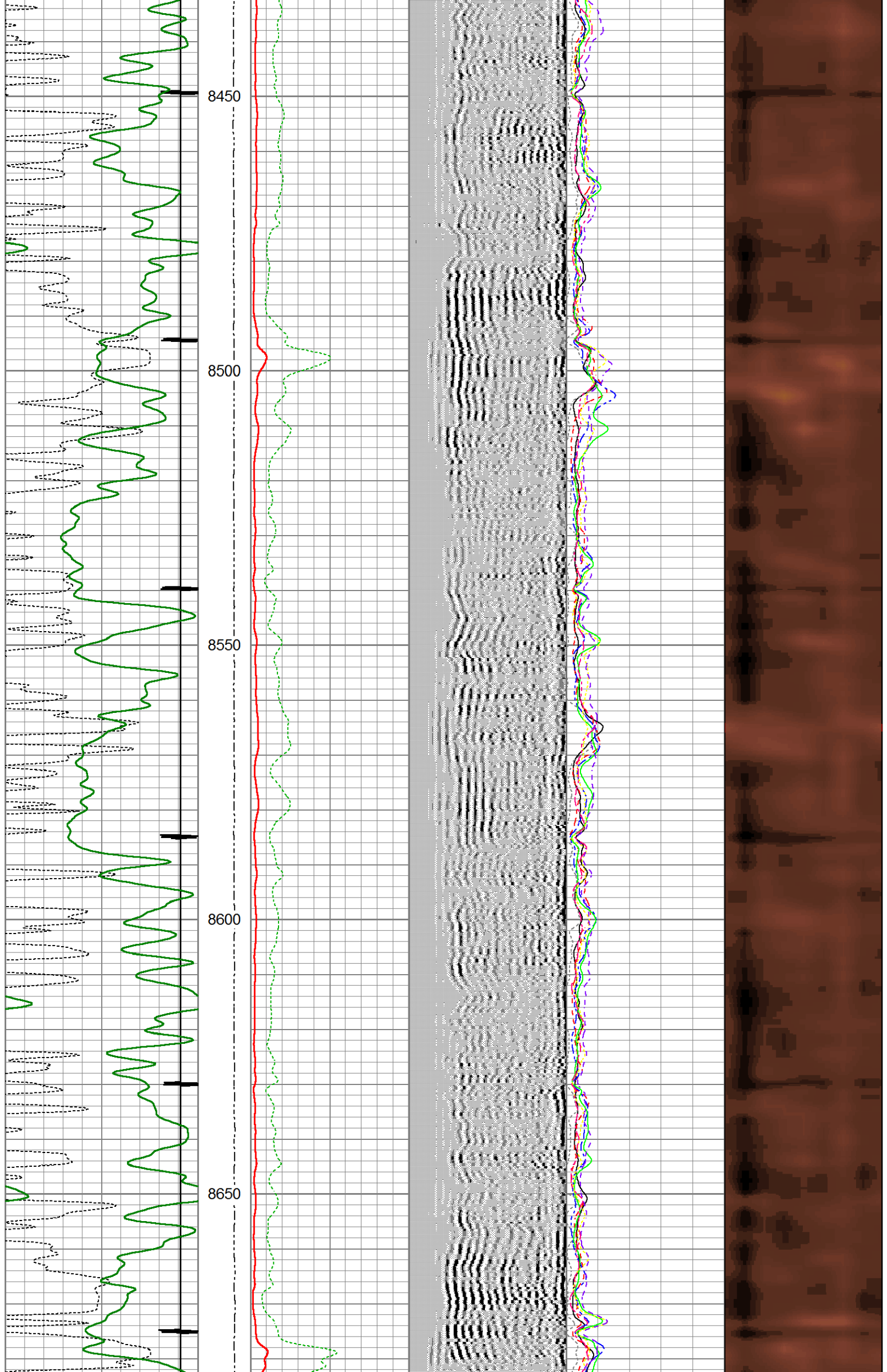


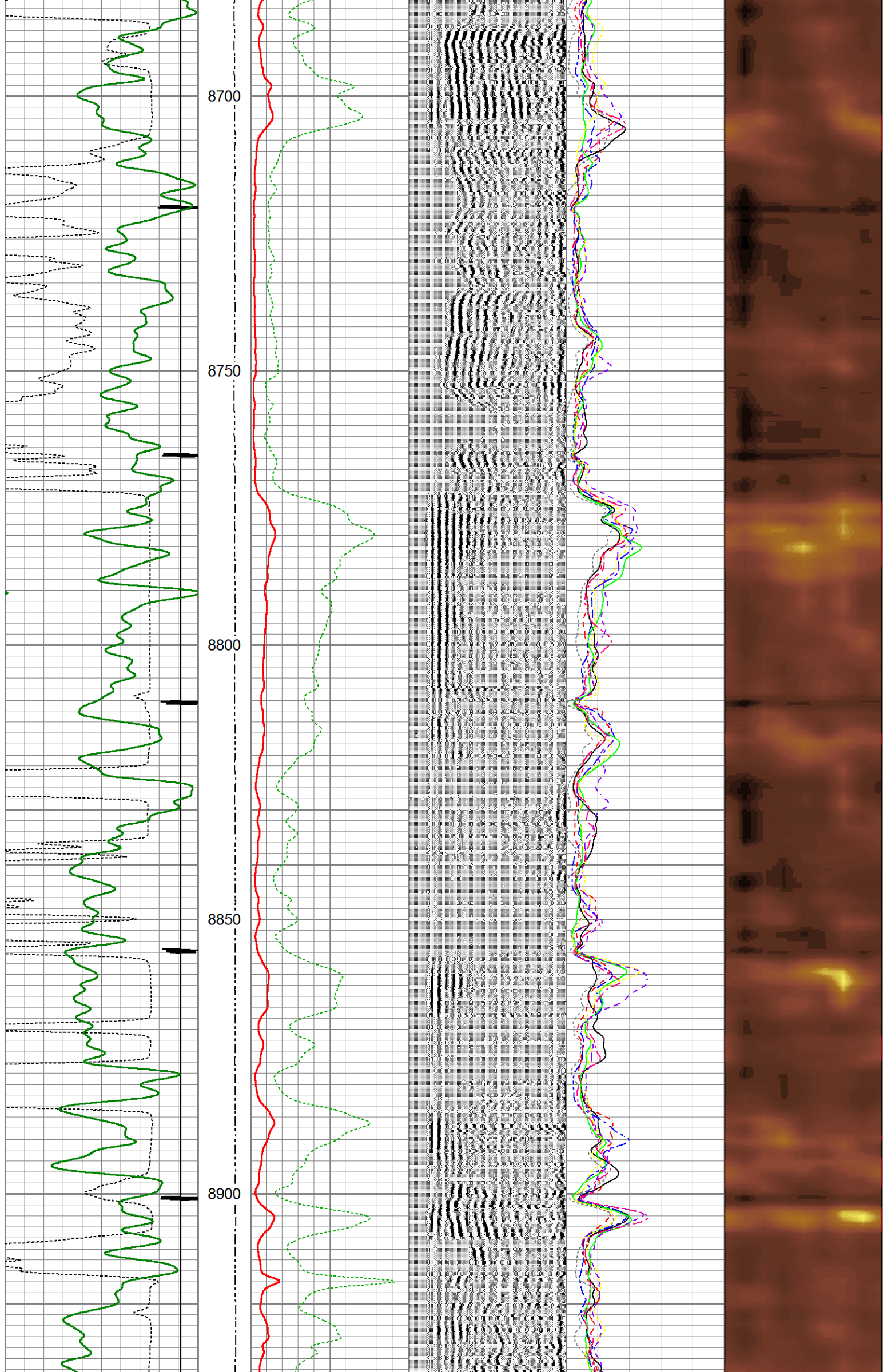


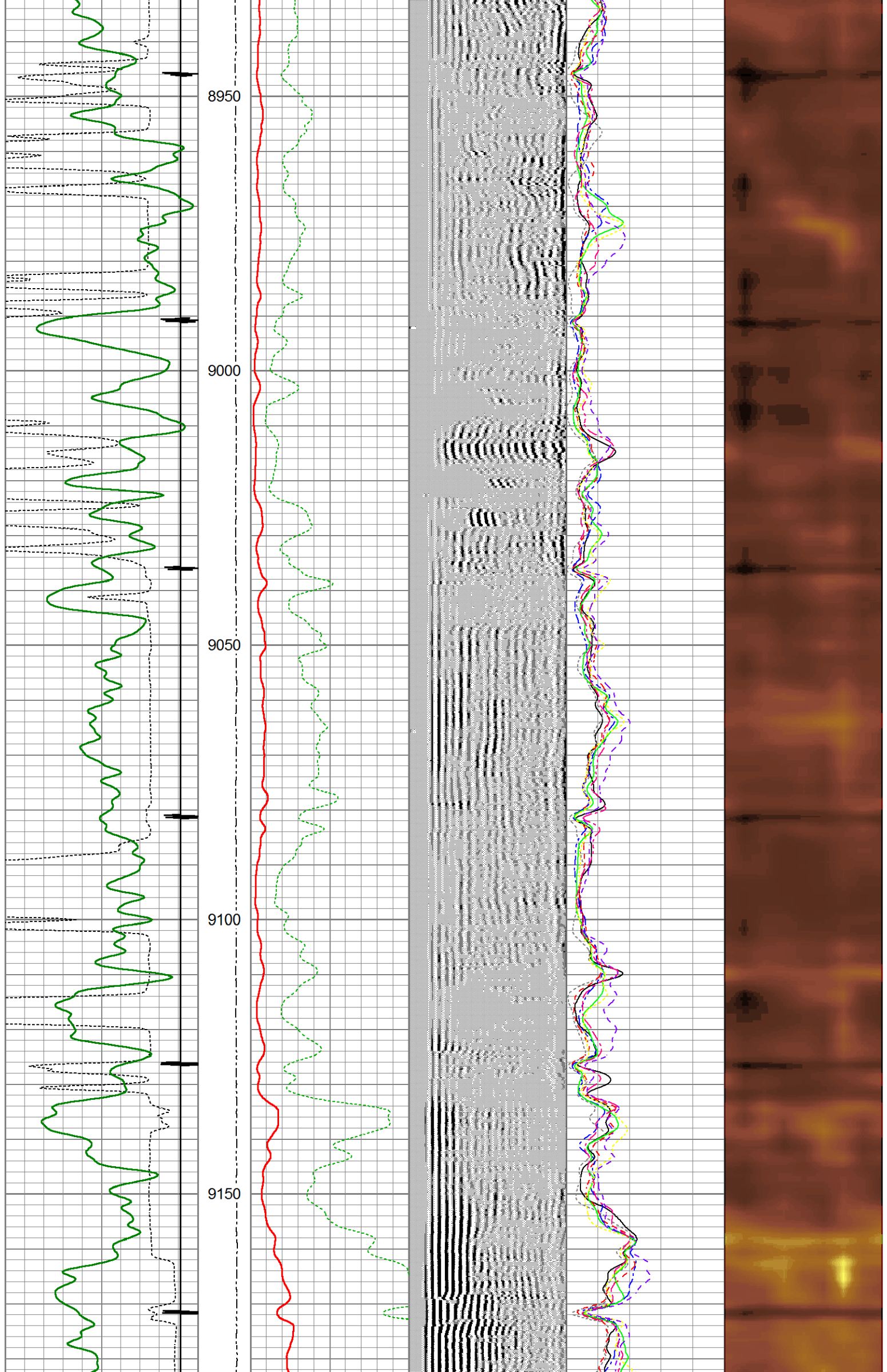


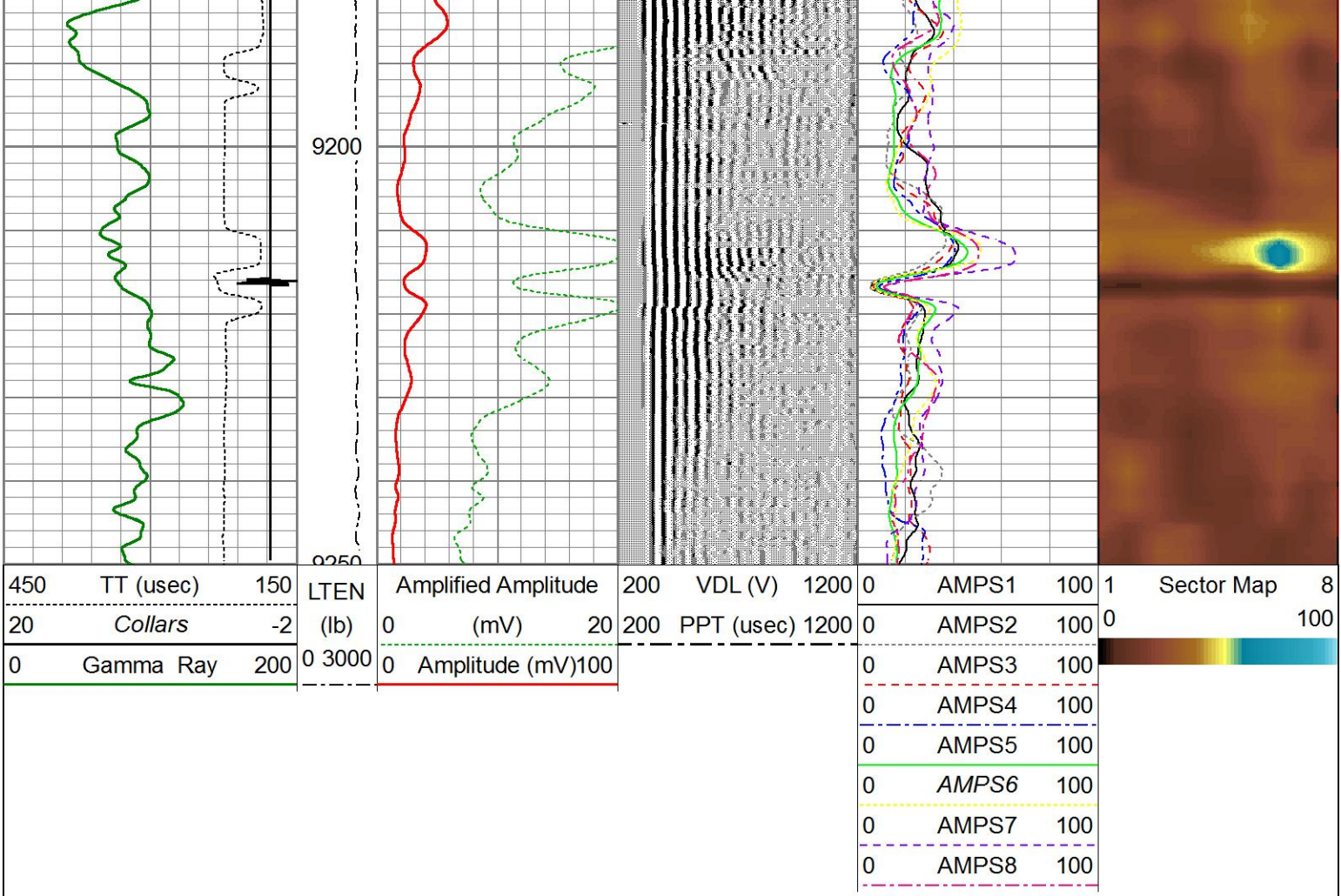












Weatherford®

MAIN PASS

SECTOR BOND LOG



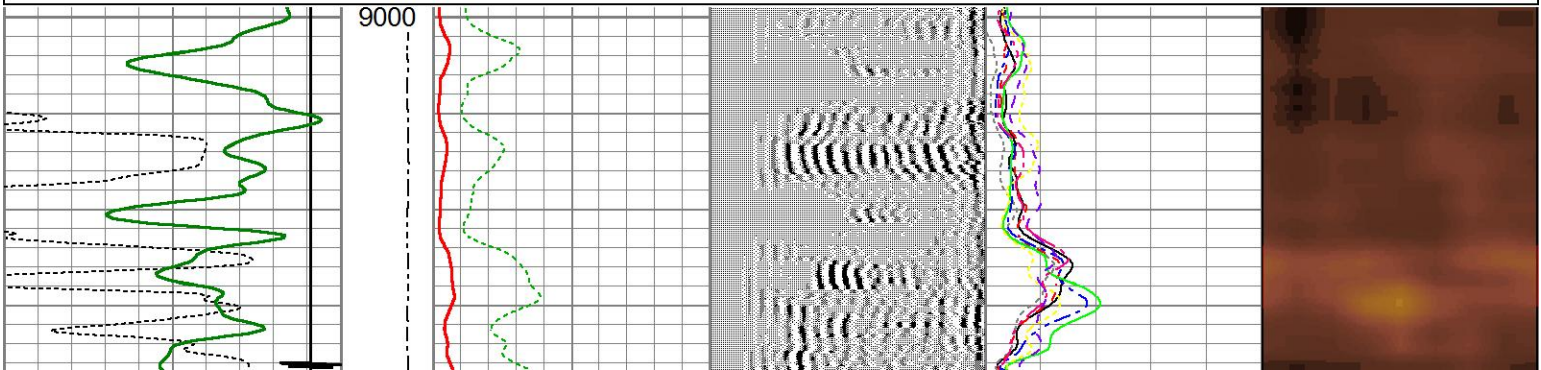
Weatherford®

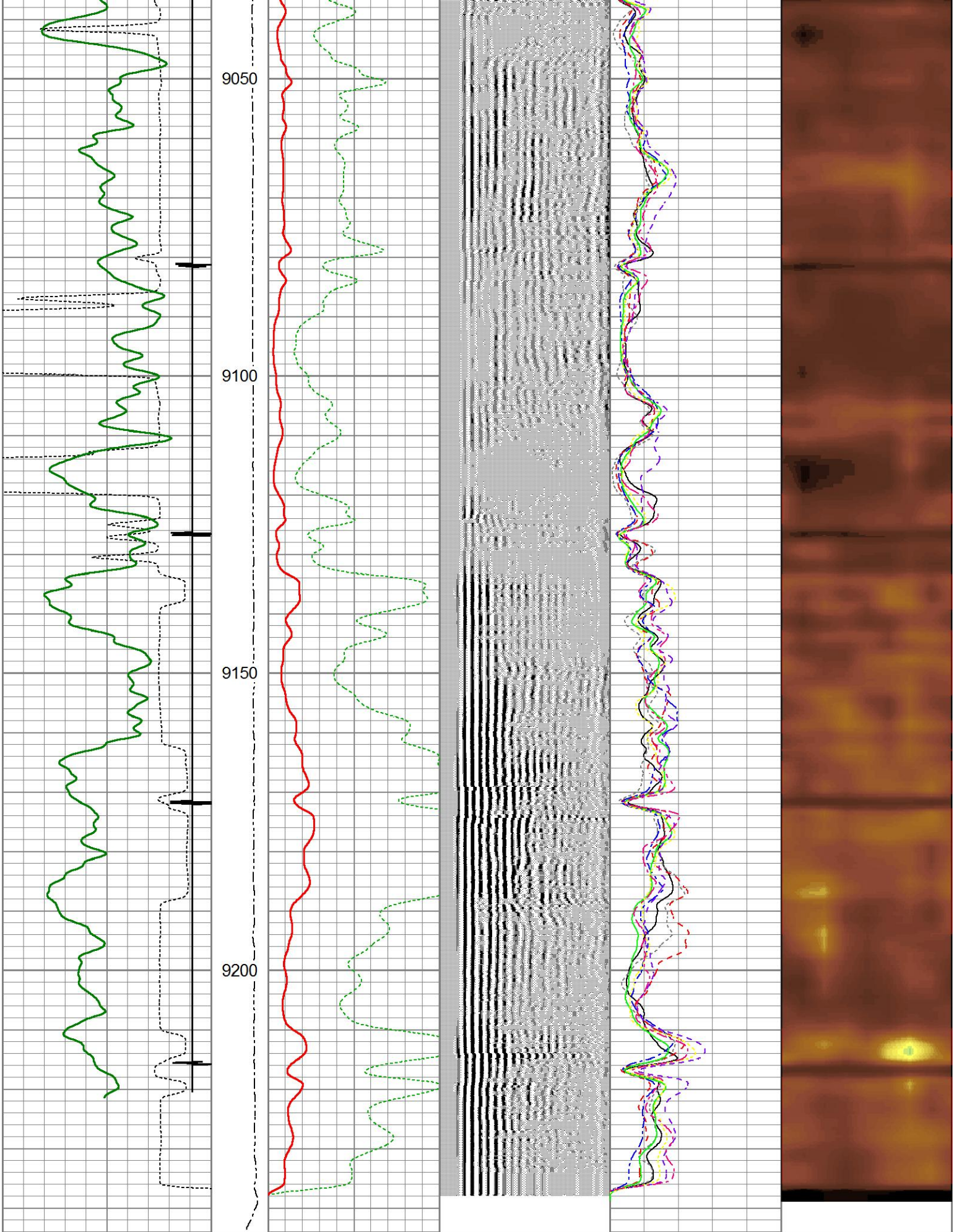
REPEAT PASS

SECTOR BOND LOG

Database File	puckett_34c-23_sbt.db
Dataset Pathname	pass1.1
Presentation Format	sectors2
Dataset Creation	Tue May 16 01:04:22 2017
Charted by	Depth in Feet scaled 1:240

450	TT (uSec)	150	LTEN	Amplified Amplitude	200	VDL (V)	1200	0	AMPS1	100	1	Sector Map	8
20	Collars	-2	(lb)	(mV)	20	200	PPT (uSec)	1200	0	AMPS2	100	0	100
0	Gamma Ray	200	0 3000	0 Amplitude (mV)	100				0	AMPS3	100		
									0	AMPS4	100		
									0	AMPS5	100		
									0	AMPS6	100		
									0	AMPS7	100		
									0	AMPS8	100		





450	TT (usec)	150	LTEN	Amplified Amplitude	200	VDL (V)	1200	0	AMPS1	100	1	Sector Map	8
20	Collars	-2	(lb)	0 (mV)	20	200	PPT (usec)	1200	0	AMPS2	100	0	100
0	Gamma Ray	200	0 3000	0 Amplitude (mV)100					0	AMPS3	100		
									0	AMPS4	100		
									0	AMPS5	100		
									0	AMPS6	100		
									0	AMPS7	100		
									0	AMPS8	100		

Calibration Report		
Database File	puckett_34c-23_sbt.db	
Dataset Pathname	pass1.1	
Dataset Creation	Tue May 16 01:04:22 2017	

Segmented Cement Bond Log Calibration Report

Serial Number:	SBTA330					
Tool Model:	SCBT2.7H					
Performed:	Sat May 13 05:22:03 2017					
Depth:	590.340		ft			
Casing Diameter:	5.500		in			
	References (mv)		Readings (v)		Results	
	Zero	Reference	Zero	Reference	m	b
3'	0.600	80.000	-0.003	0.271	278.000	1.000
5'	0.600	80.000	-0.003	0.640	123.438	1.023
S1	0.000	85.000	-0.004	0.283	188.182	1.098
S2	0.000	85.000	-0.004	0.300	170.526	1.210
S3	0.000	85.000	-0.005	0.276	167.155	1.386
S4	0.000	85.000	-0.005	0.277	185.844	1.437
S5	0.000	85.000	-0.005	0.258	205.407	1.546
S6	0.000	85.000	-0.005	0.280	205.407	1.455
S7	0.000	85.000	-0.005	0.286	227.143	1.406
S8	0.000	85.000	-0.004	0.269	207.000	1.349

Gamma Ray Calibration Report

Serial Number:	GRBA 160					
Tool Model:	GRBA2.7H					
Performed:	Thu Mar 09 10:01:02 2017					
Calibrator Value:	140.0					
Background Reading:	20.0		cps			
Calibrator Reading:	280.0		cps			
Sensitivity:	0.7000		/cps			


Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
CCL	23.43		CablHD-Weatherford 1 7/16 Cable Head	1.00	1.44	5.00
			CENT-CEN-A SBT Centralizer 2-3/4" Single Pin (4 Bowspring)	2.50	2.75	11.90
			CCLL-CTBA2.7H (CTBA 224) 2-3/4" 350F/20K PSI Weatherford Logging CCL/Telemetry (6Pin Bottom)	3.40	2.75	
GR	19.82		GR-GRBA2.7H (GRBA 160) 2 3/4" 350F/20K PSI Weatherford Gamma Ray	4.76	2.75	40.00

		Diagram		Lengths (ft)		
				Length	Weight	Weight
			(6Pin)			
			CENT-CEN-B SBT Centralizer 2-3/4" 6Pin (4 Bowspring)	3.08	2.75	23.80
			SCBT-SCBT2.7H (SBTA330) 2 3/4" 350F/20K PSI Weatherford Sector Bond Tool	10.29	2.75	90.00
WVFS8	7.70					
WVFS7	7.70					
WVFS6	7.70					
WVFS5	7.70					
WVFS4	7.70					
WVFS3	7.70					
WVFS2	7.70					
WVFS1	7.70					
WVF3FT	7.20					
WVF5FT	6.22					
WVFSYNC	2.71					
WVFCAL	2.71					
			CENT-CEN-A SBT Centralizer 2-3/4" Single Pin (4 Bowspring)	2.50	2.75	11.90
			BullPlug-BullPlug 1.69	0.21	2.75	2.00
Dataset:		puckett_34c-23_sbt.db: field/well/run1/pass1.1				
Total length:		27.74 ft				
Total weight:		184.60 lb				
O.D.:		2.75 in				