 <div>Weatherford®</div>				SECTOR BOND LOG			
COMPANY WELL FIELD COUNTY STATE/COUNTRY LOCATION				CAERUS PUCKETT 33A-26 GRAND VALLEY GARFIELD COLORADO NORTH PARACHUTE			
SEC	26	TWP	6S	RGE	97W	Other Services	
Latitude		39.498790		Longitude		-108.182344	
API Number		05-045-23370		Permanent Datum		GL	
Log Measured From		KB		Elevation		8396	
Drilling Measured From		KB		Elevations:		K.B. 8426 D.F. 8426 G.L. 8396	
Date				13 MAY 17			
Run Number				1			
Service Order				TBD			
Type Log				SBT			
Depth Driller				9110			
Depth Logger				9080			
Top Log Interval				0			
Bottom Log Interval				9080			
Hole Fluid Type				H2O			
Hole Fluid Level				190			
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							

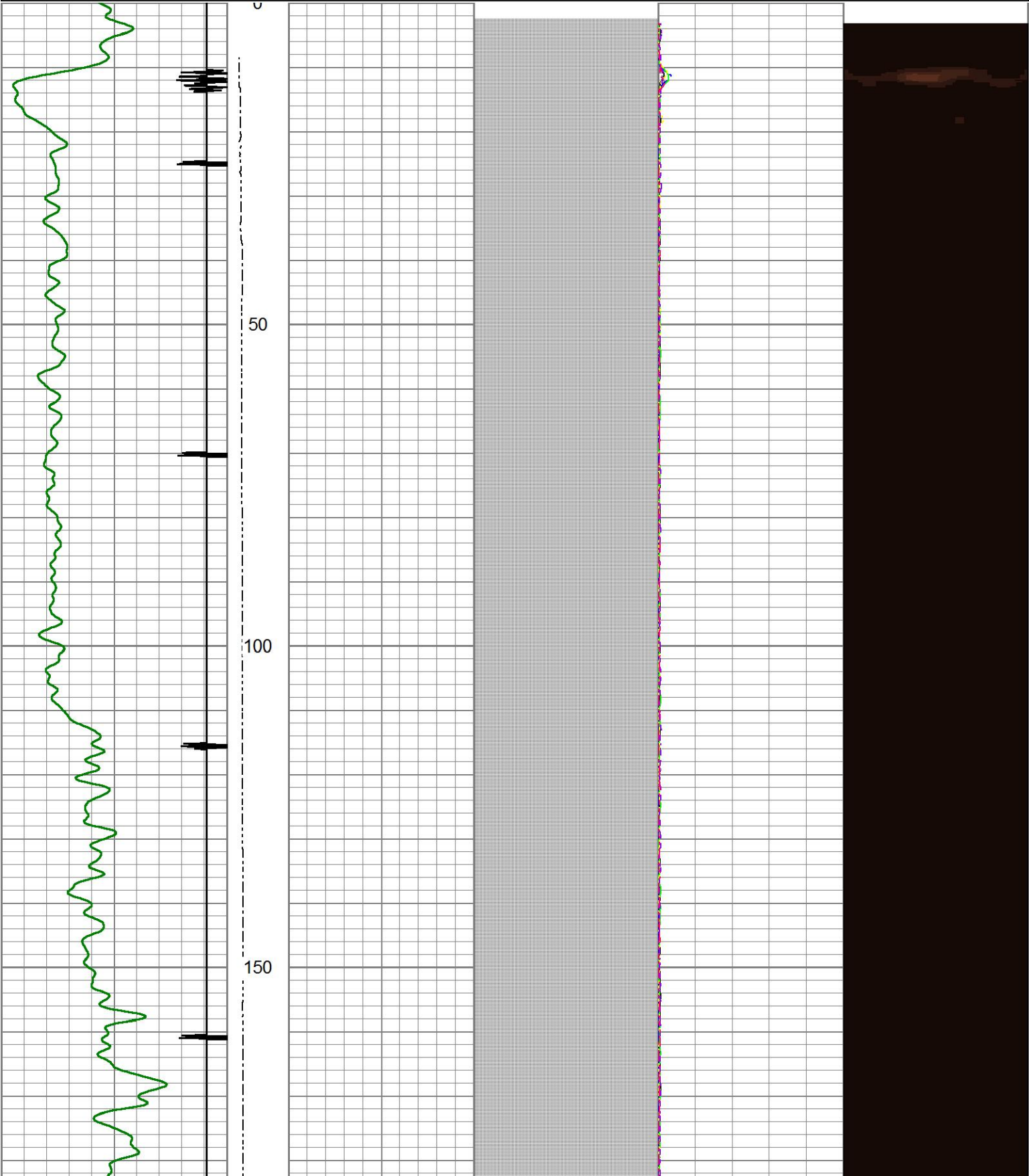
<<< Fold Here >>>

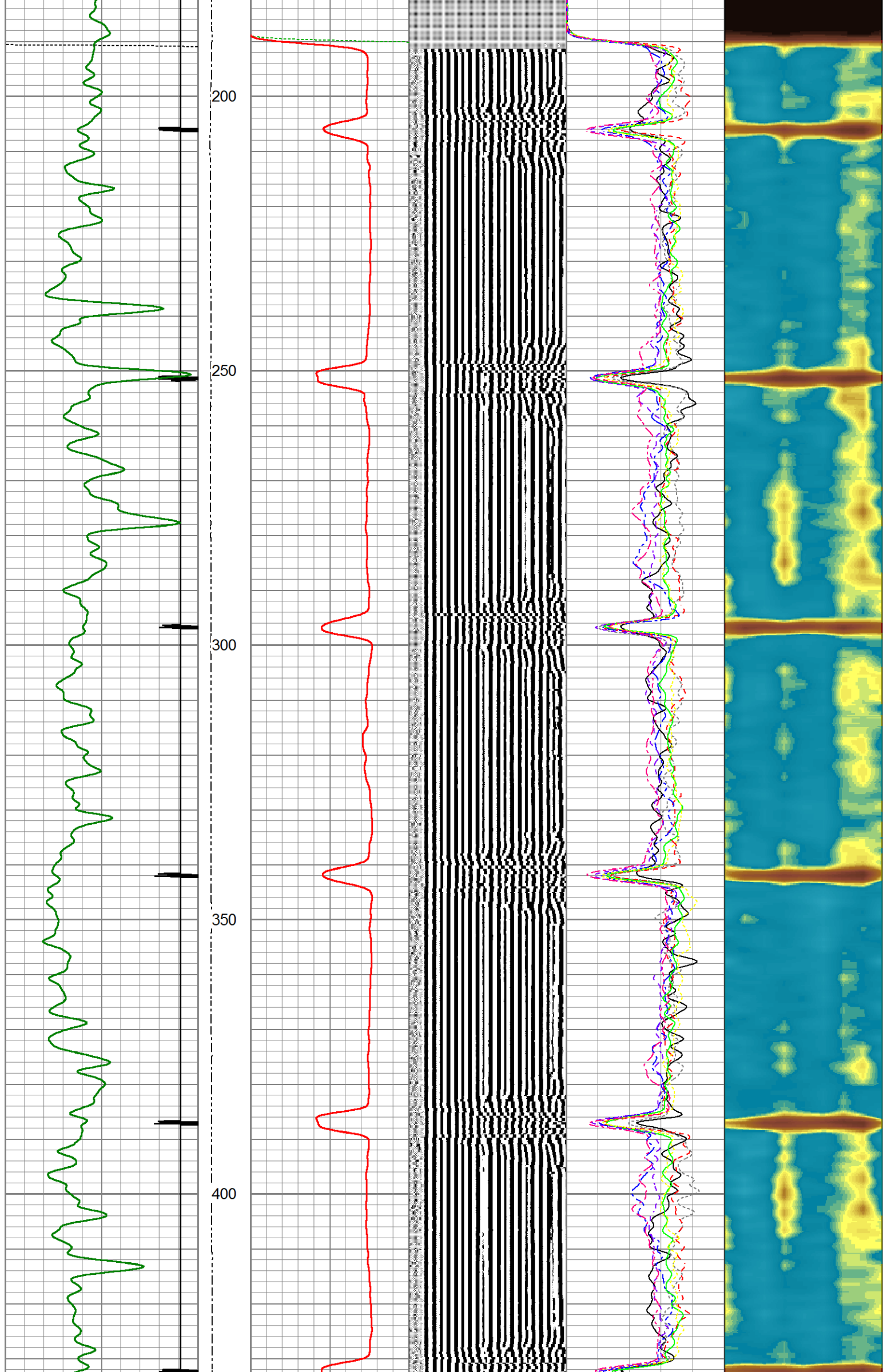
In interpreting, communicating or providing information and/or making recommendations, either written or oral, as to logs or test or other data, type or amount of material, or Work or other service to be furnished, or manner of performance, or in predicting results to be obtained, the Contractor will 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 SERVICES.

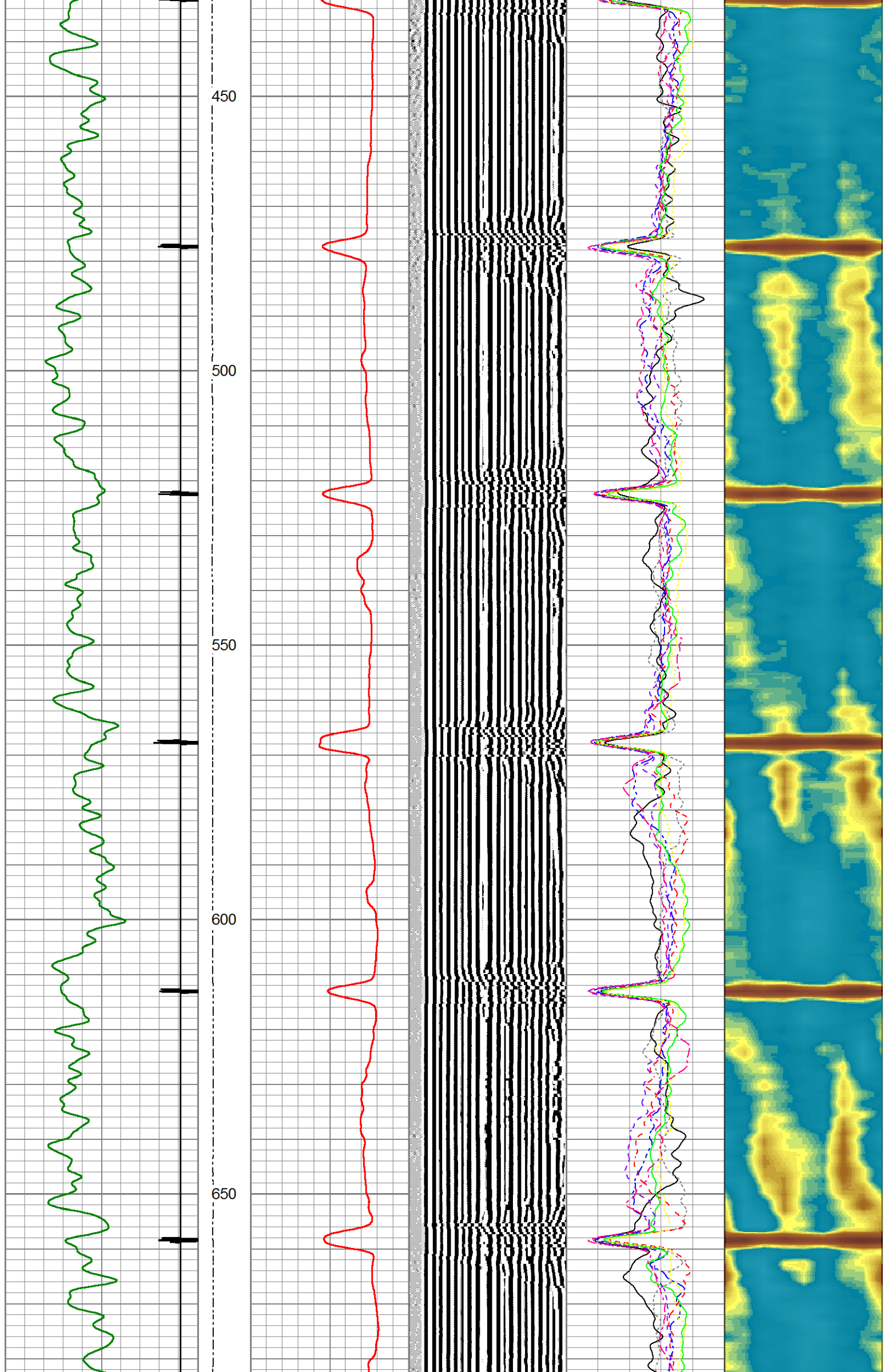
Comments	
Rig Name:	
THANK YOU FOR CHOOSING WEATHERFORD WIRELINE FOR THIS JOB YOUR CREW FOR THIS LOG WAS N. SOUTHAM B. ENSLEY THIS LOG WAS RAN TO VERIFY CEMENT AND IS THE MAIN LOG FOR PERFORATING	

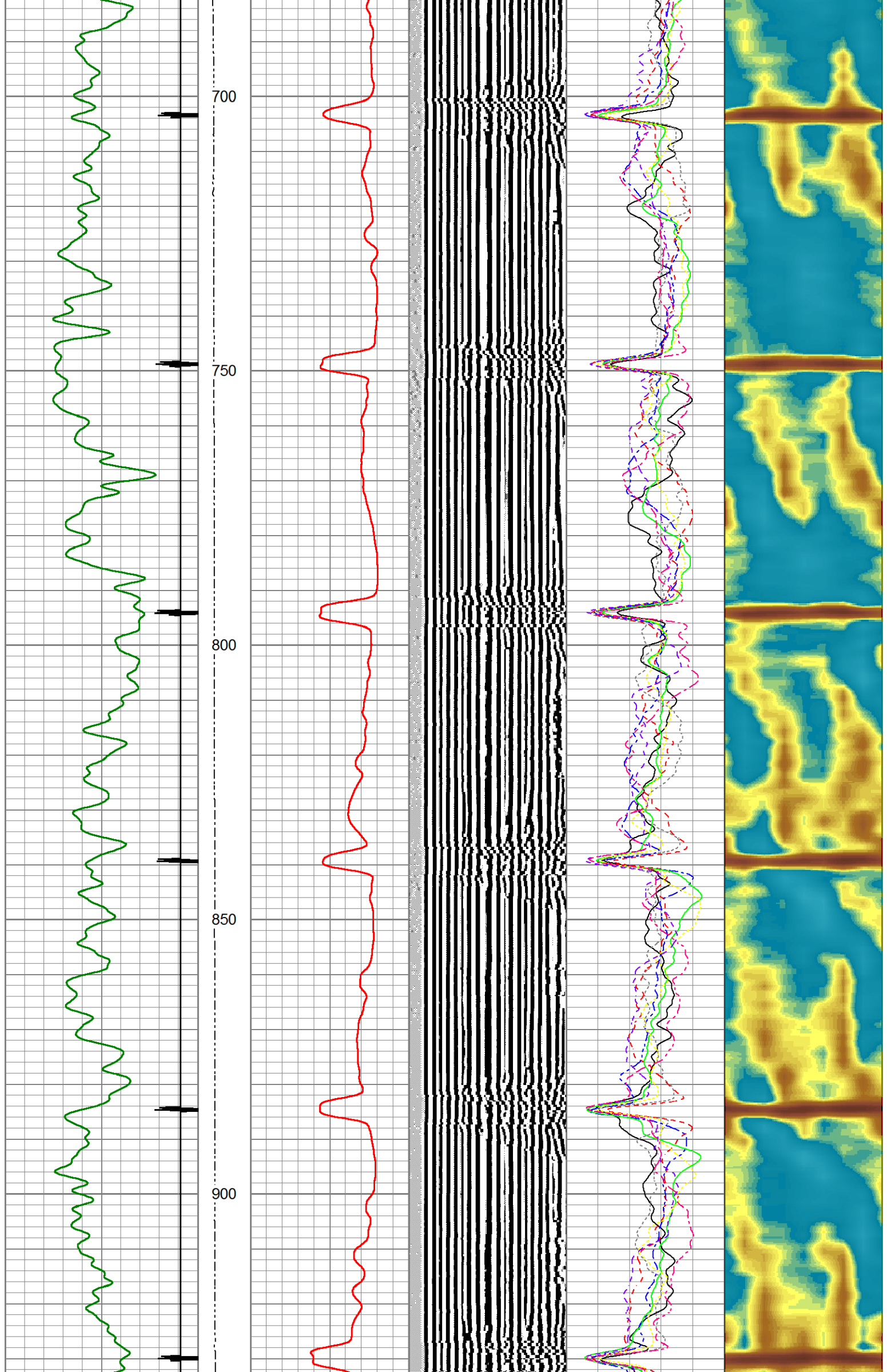
Database File	g:\caerus puckett pad day 1\puckett 33a-26 sbt\puckett 33a-26 sbt.db		
Dataset Pathname	pass14		
Presentation Format	sectors2		
Dataset Creation	Sat May 13 03:29:35 2017		
Charted by	Depth in Feet scaled 1:240		

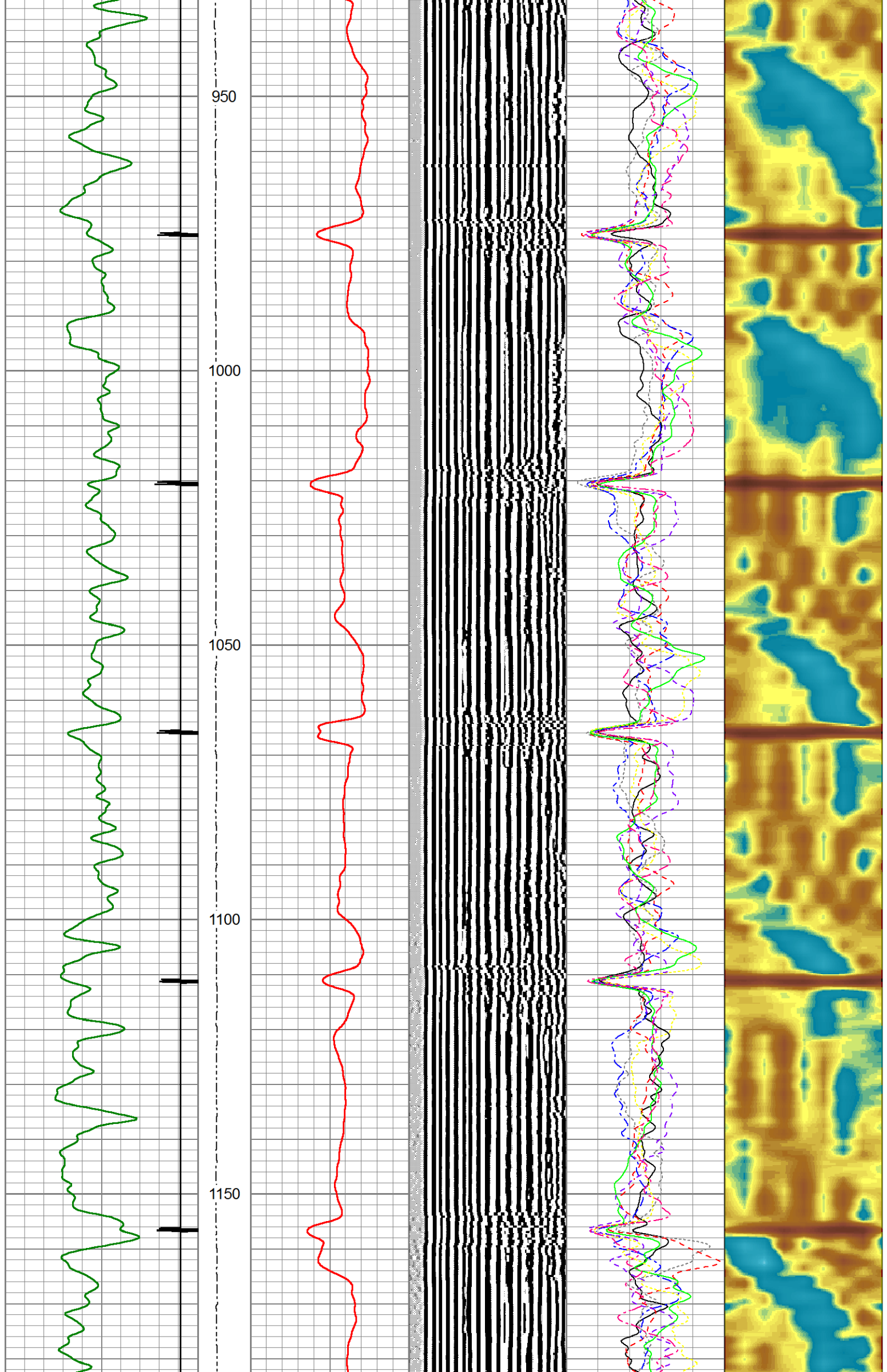
315	TT (usec)	215	LTEN	Amplified Amplitude	200	VDL (V)	1200	0	AMPS1	100	1	Sector Map	8
20	Collars	-2	(lb)	0	(mV)	20	PPT (usec)	1200	0	AMPS2	100	0	100
0	Gamma Ray	200	0 1500	0	Amplitude (mV)	100			0	AMPS3	100		
									0	AMPS4	100		
									0	AMPS5	100		
									0	AMPS6	100		
									0	AMPS7	100		
									0	AMPS8	100		

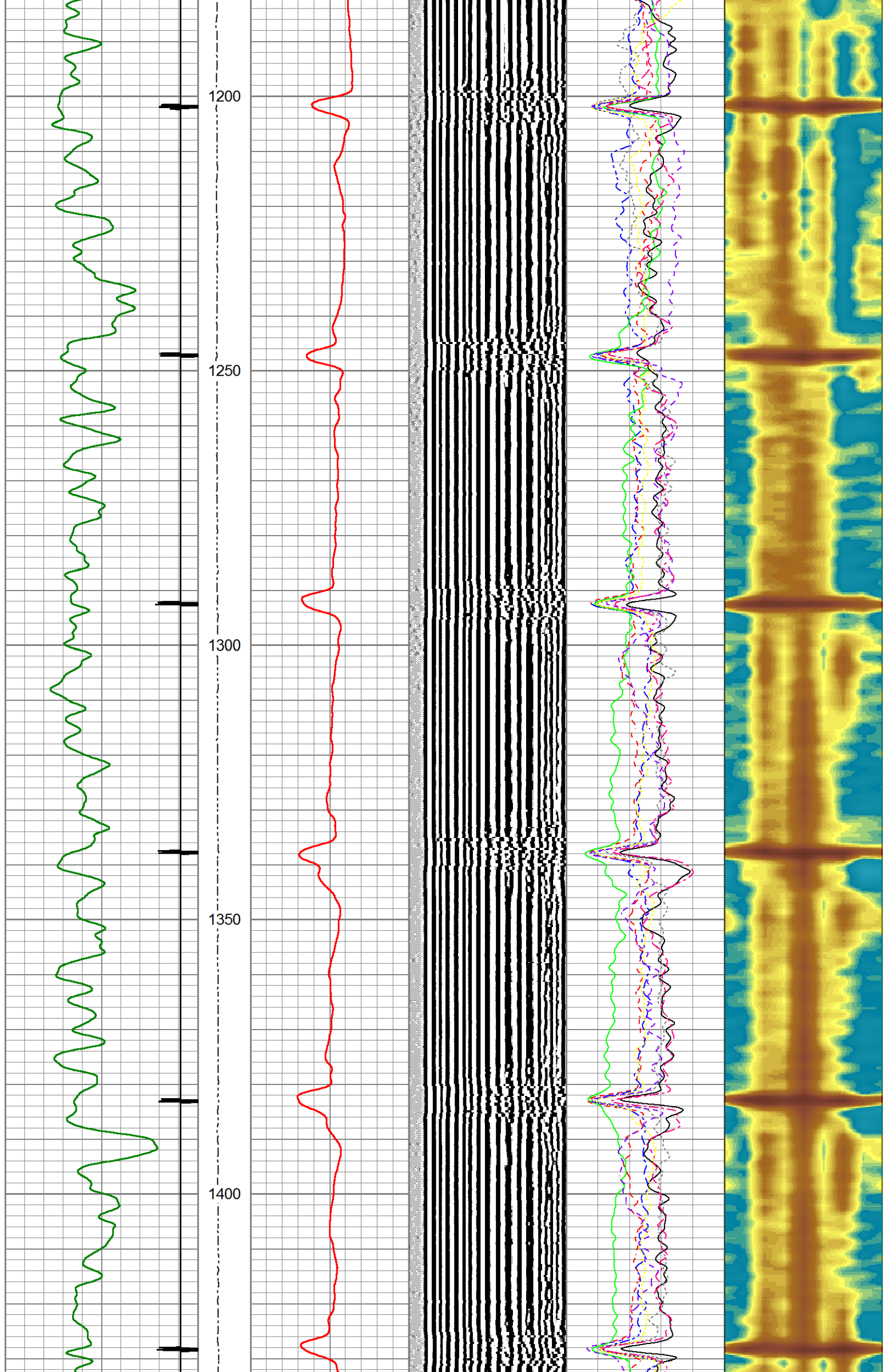


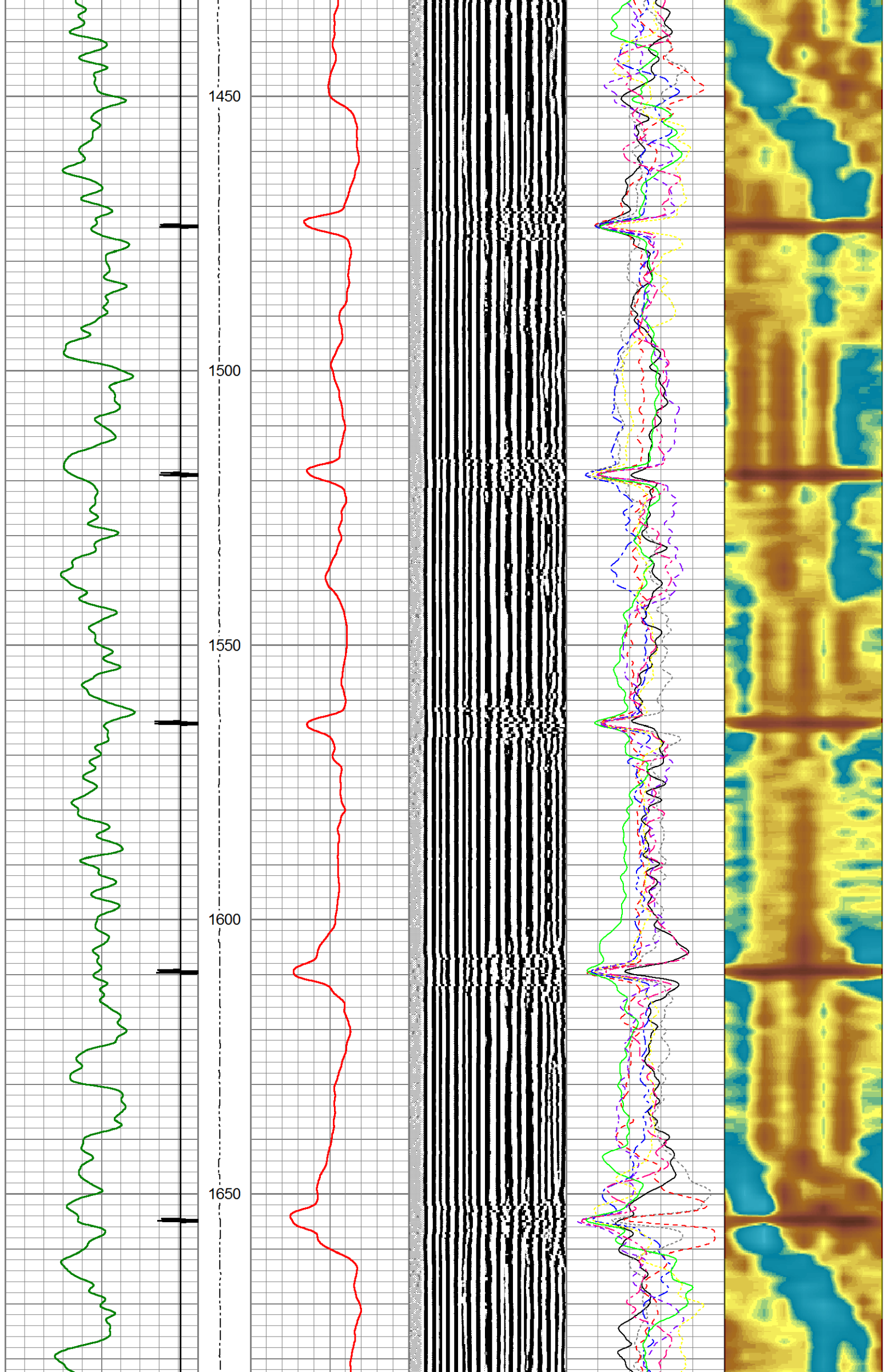


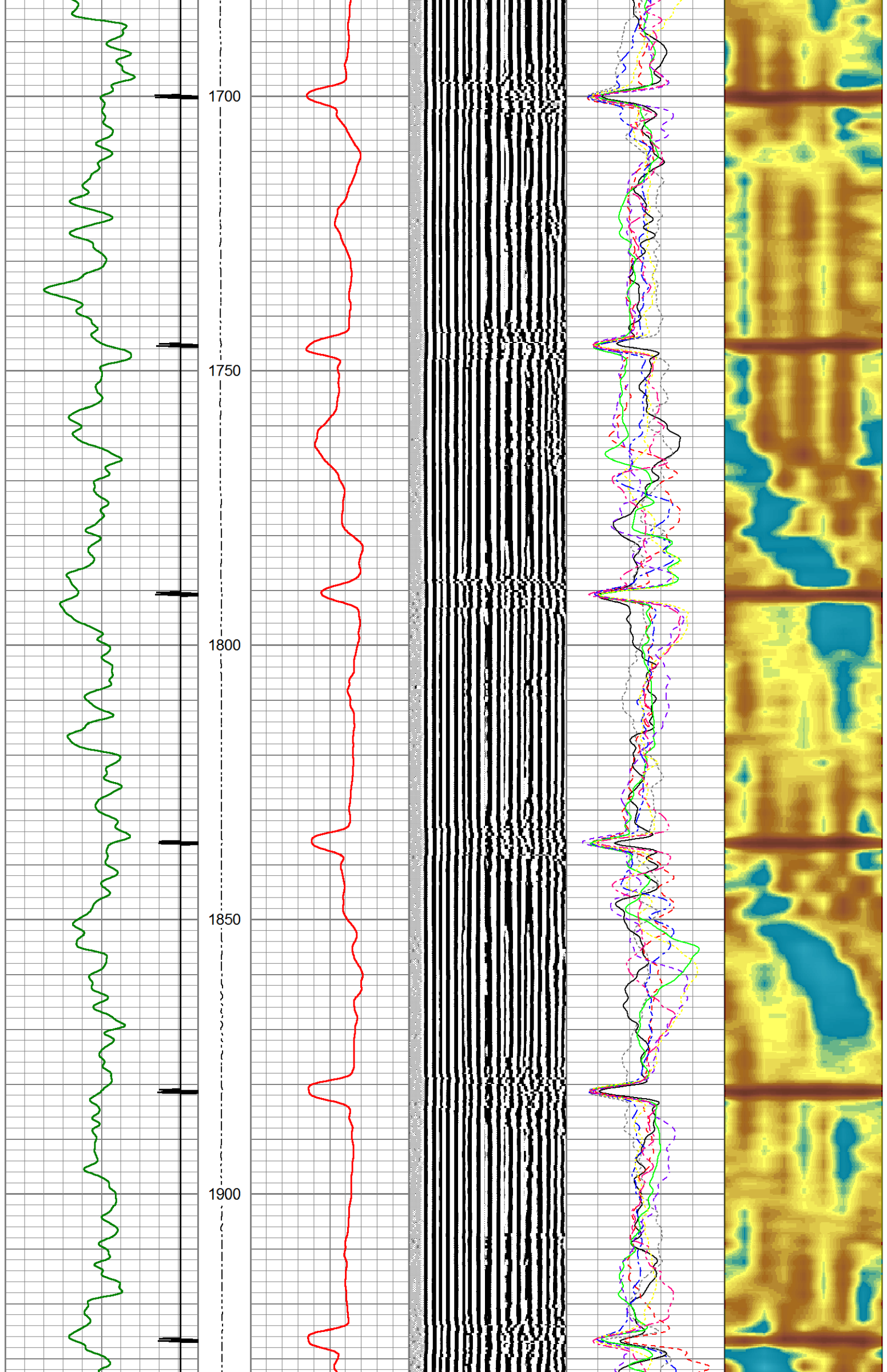


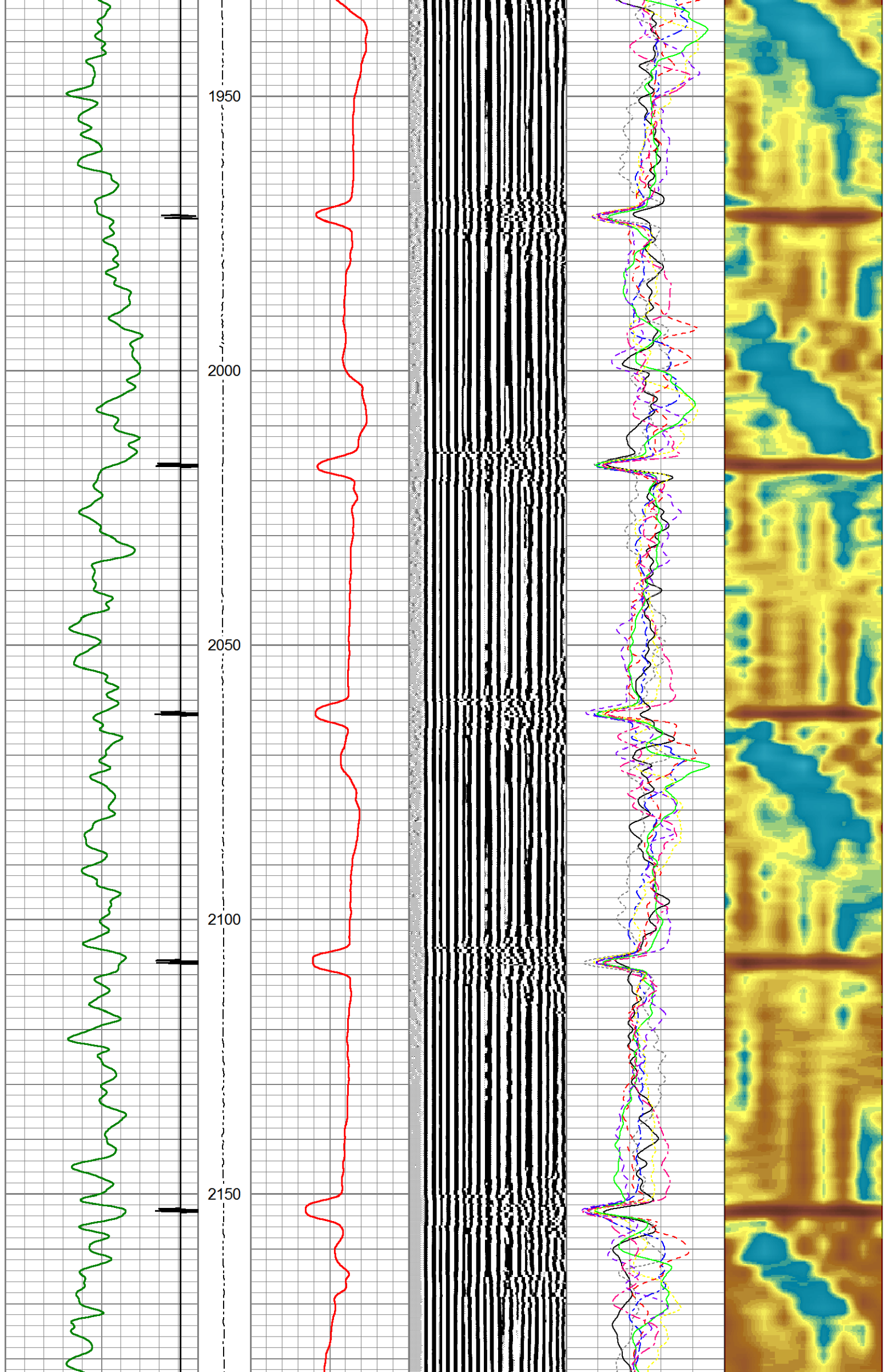


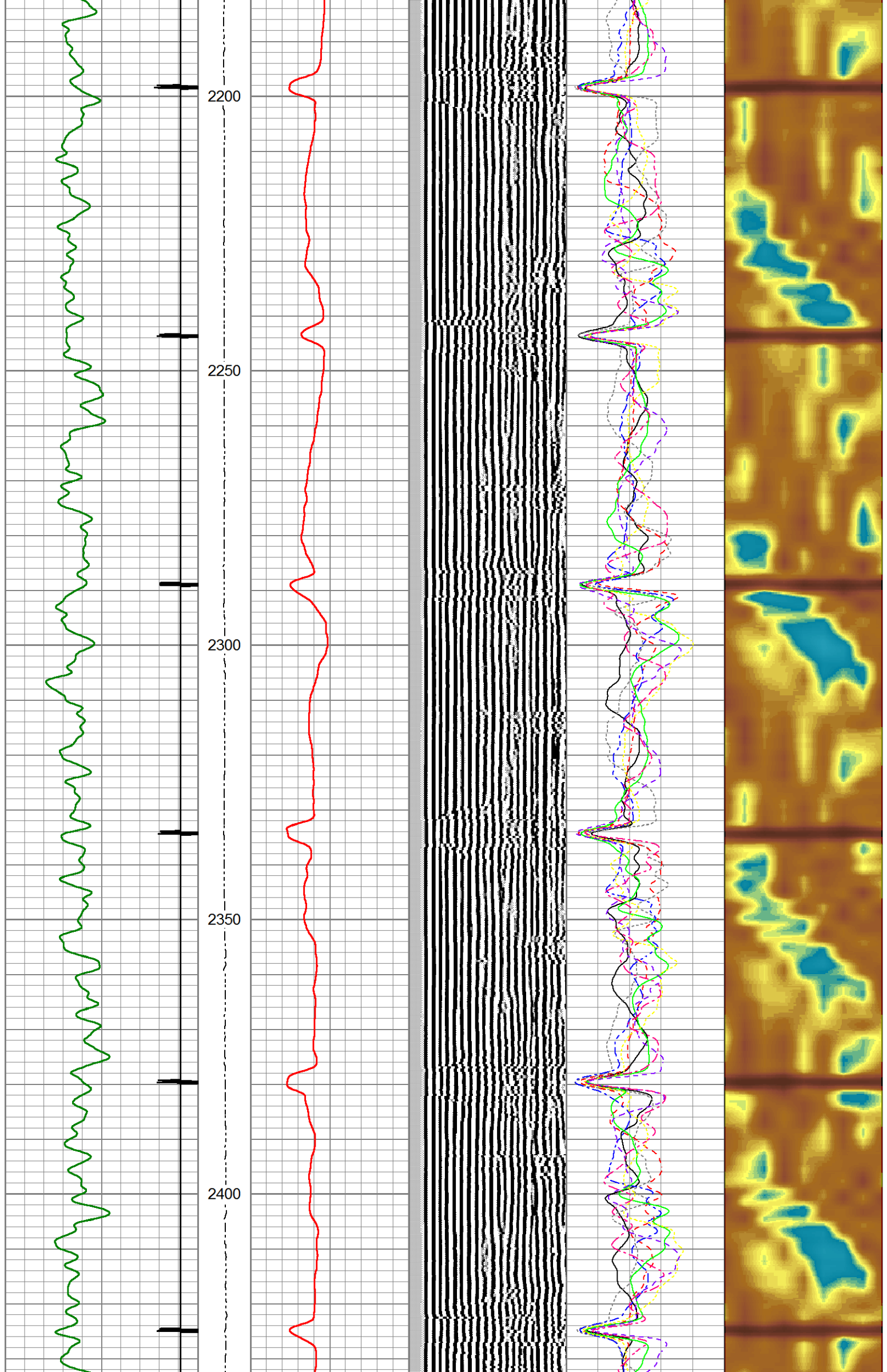


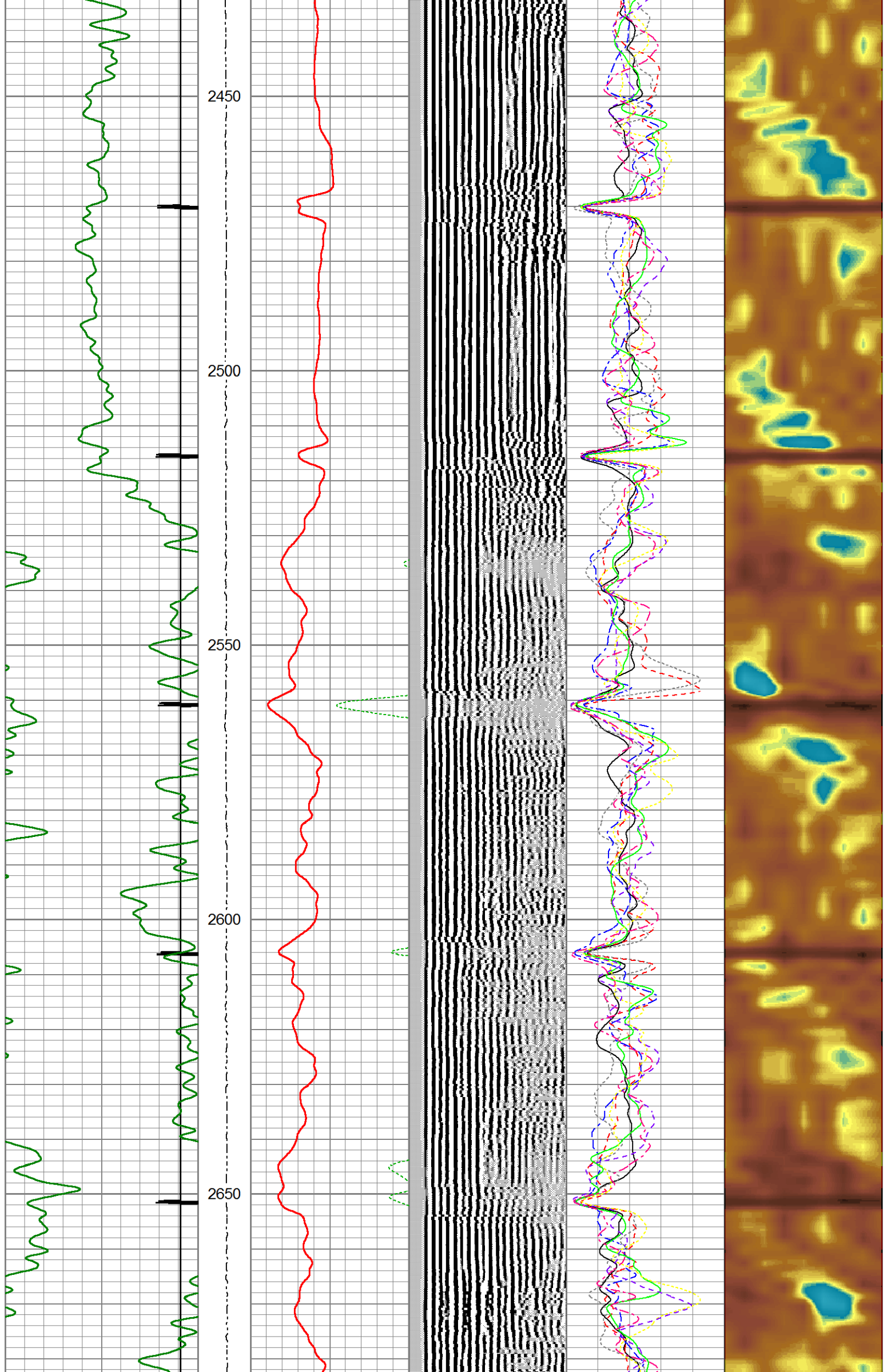


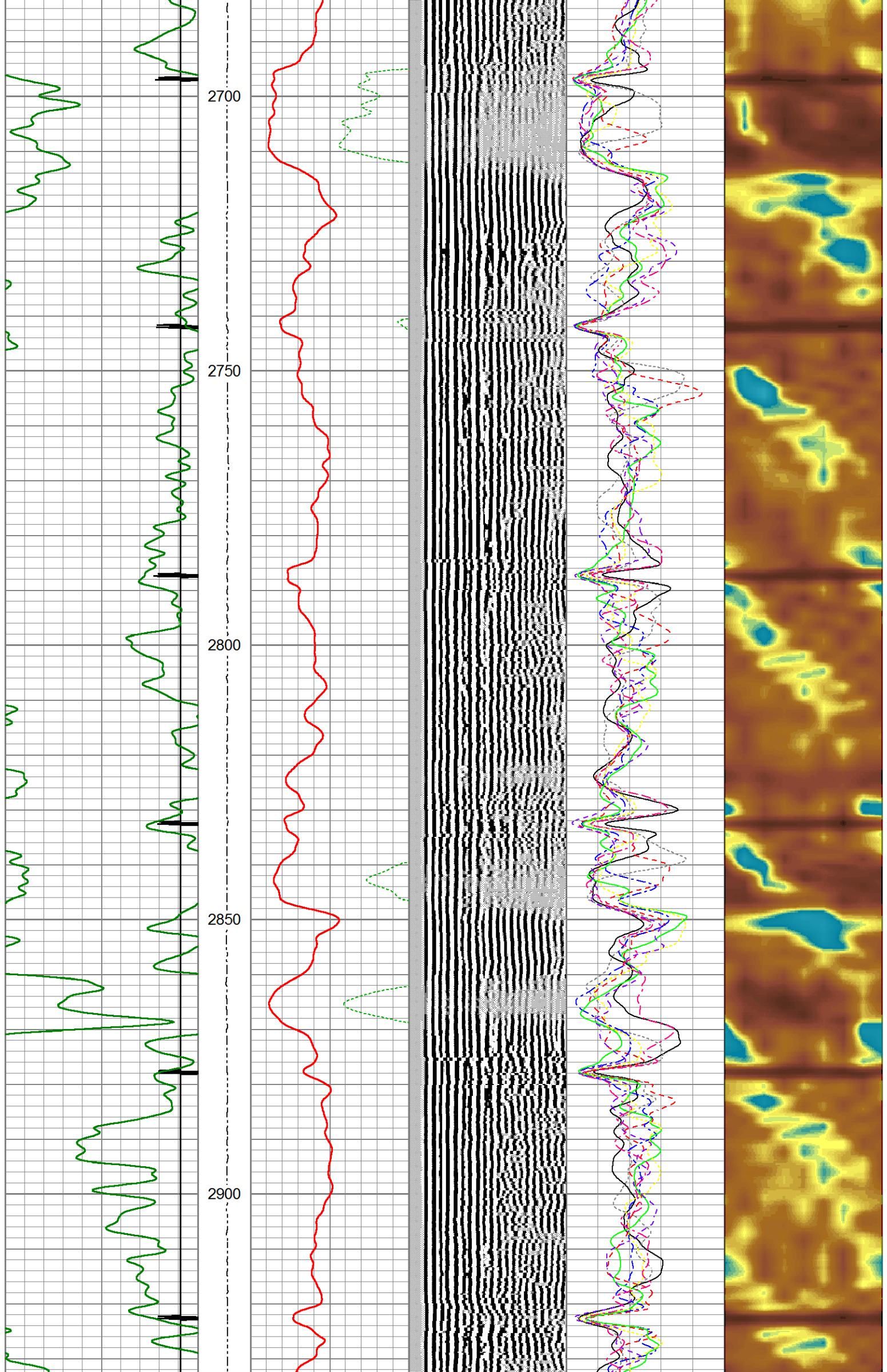


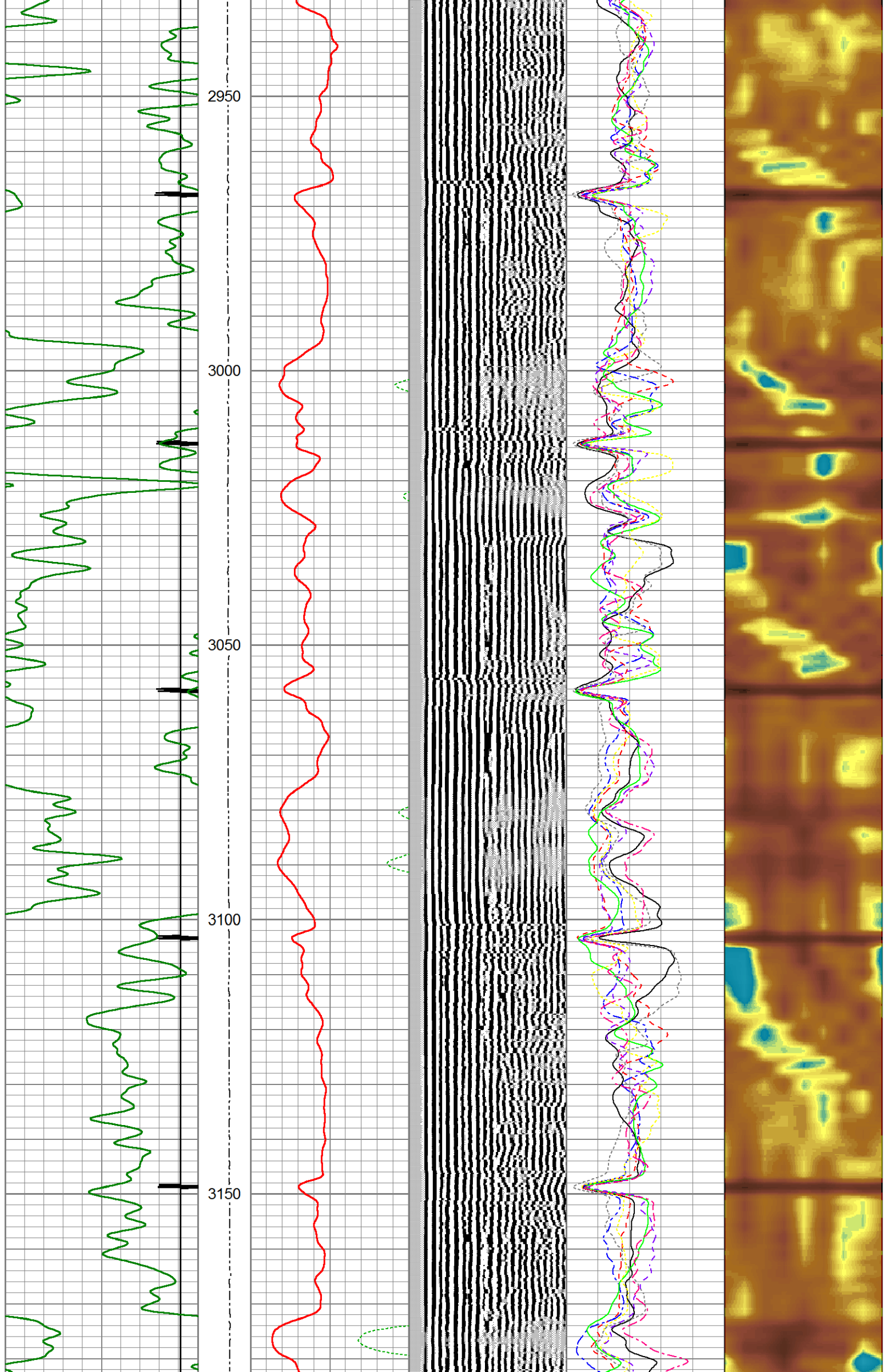


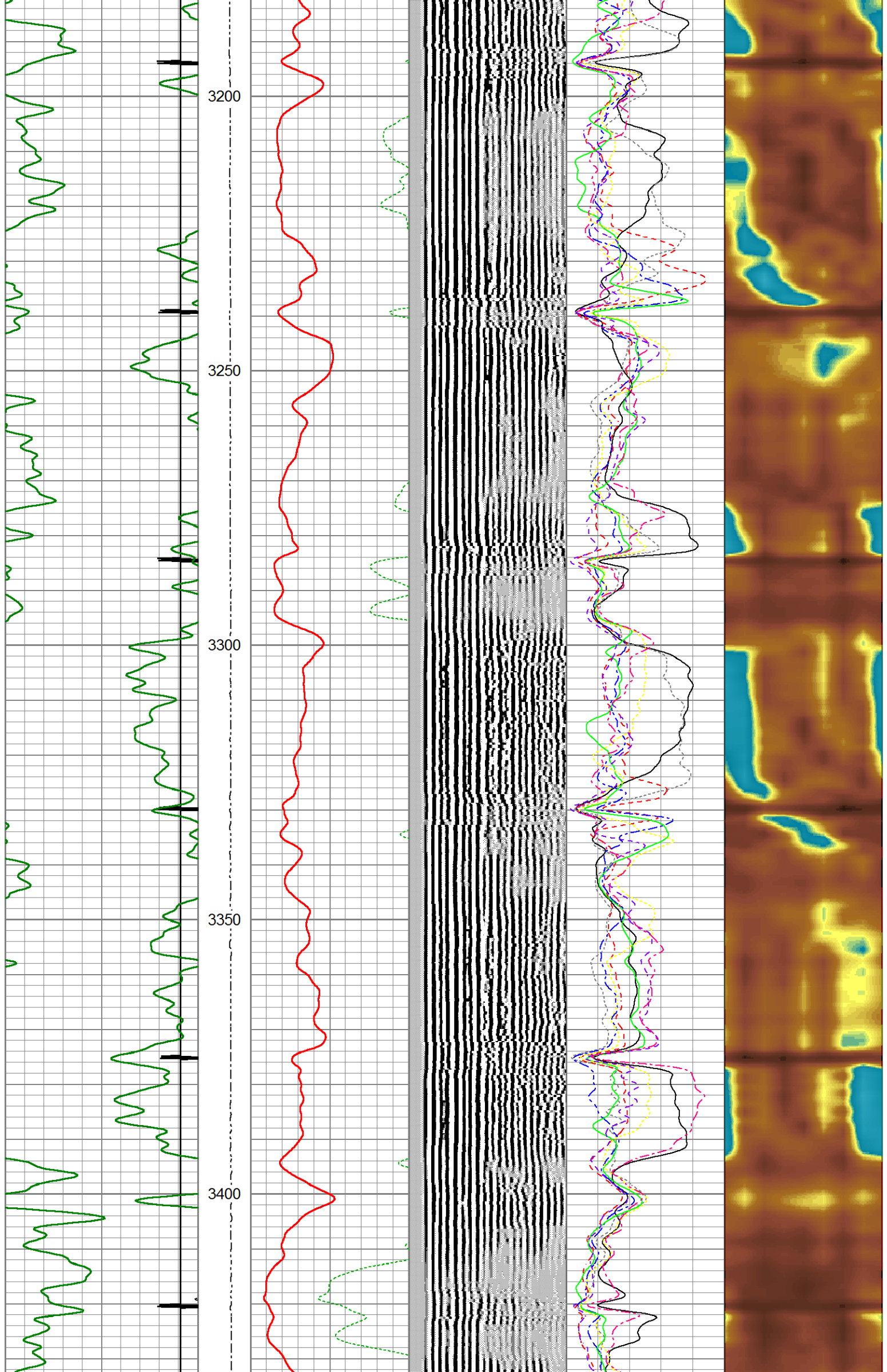


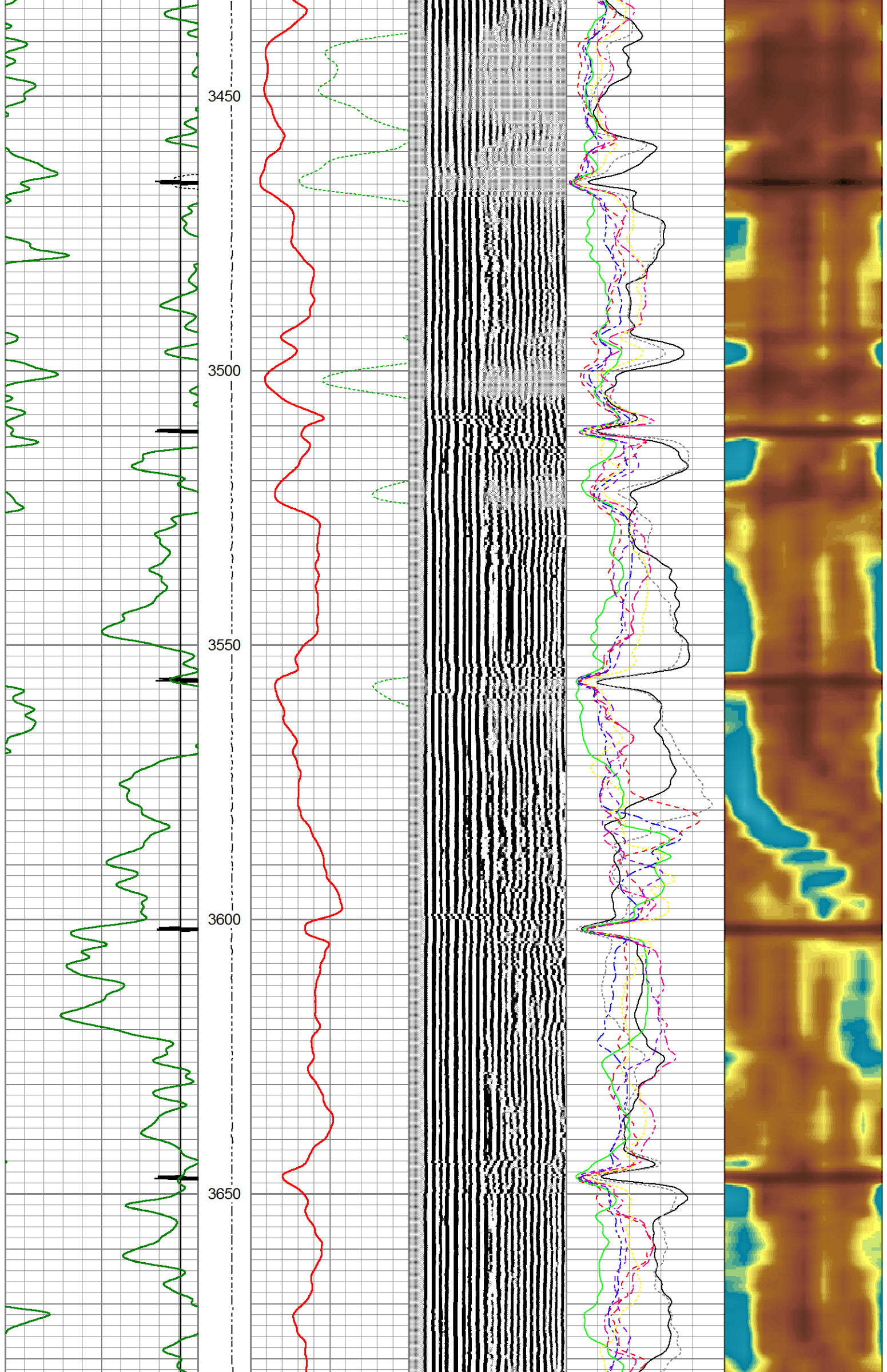


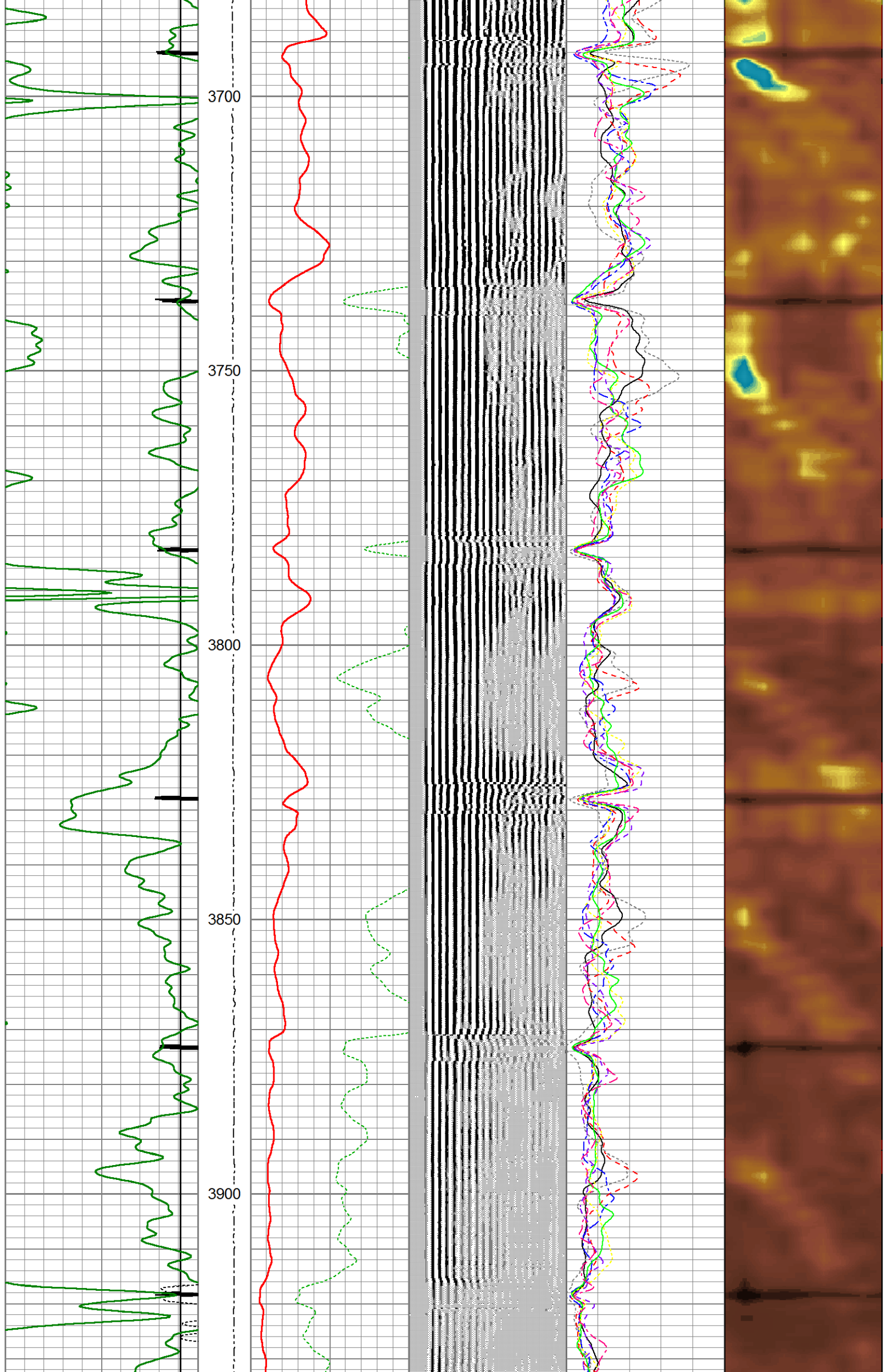


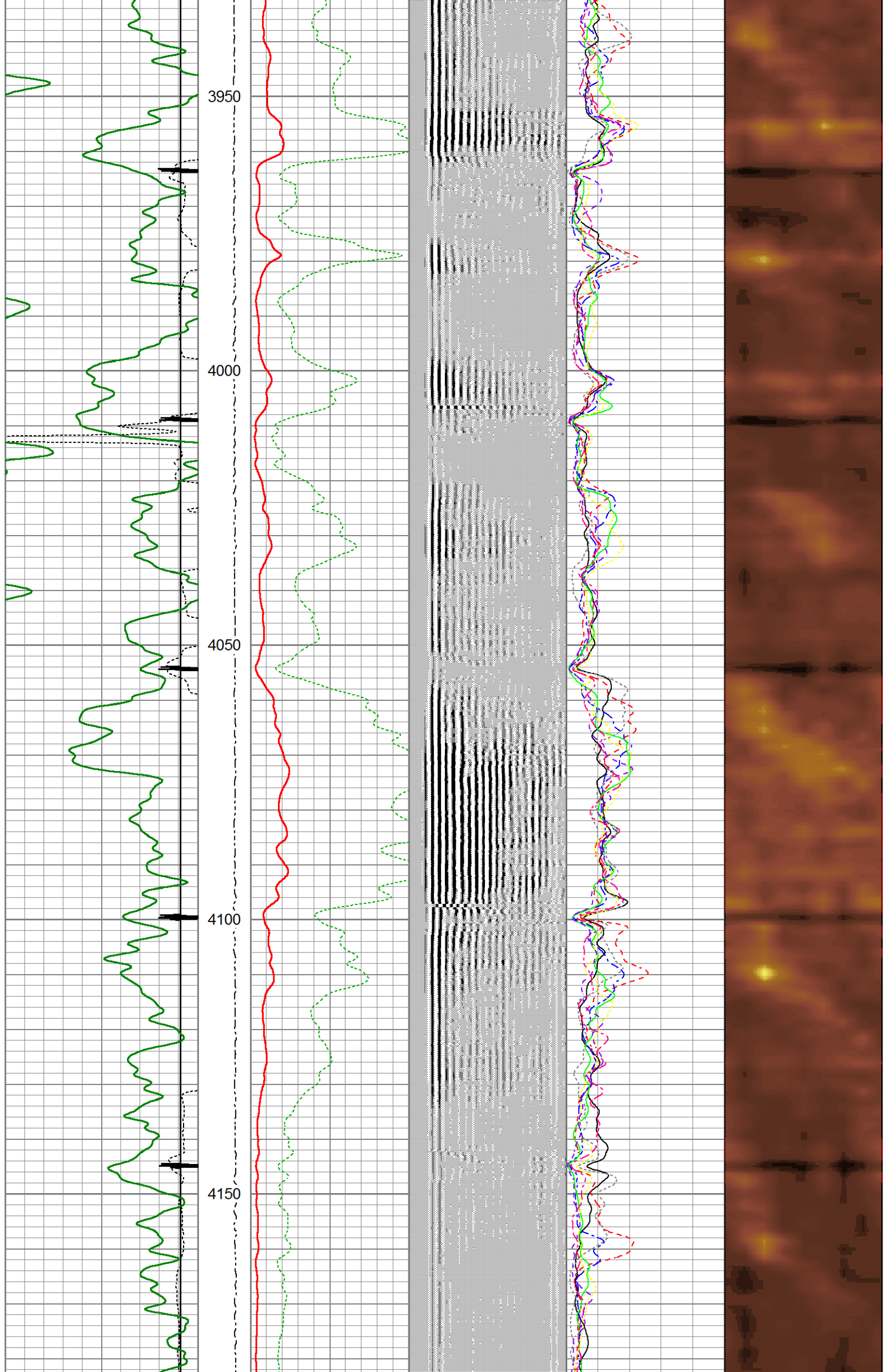


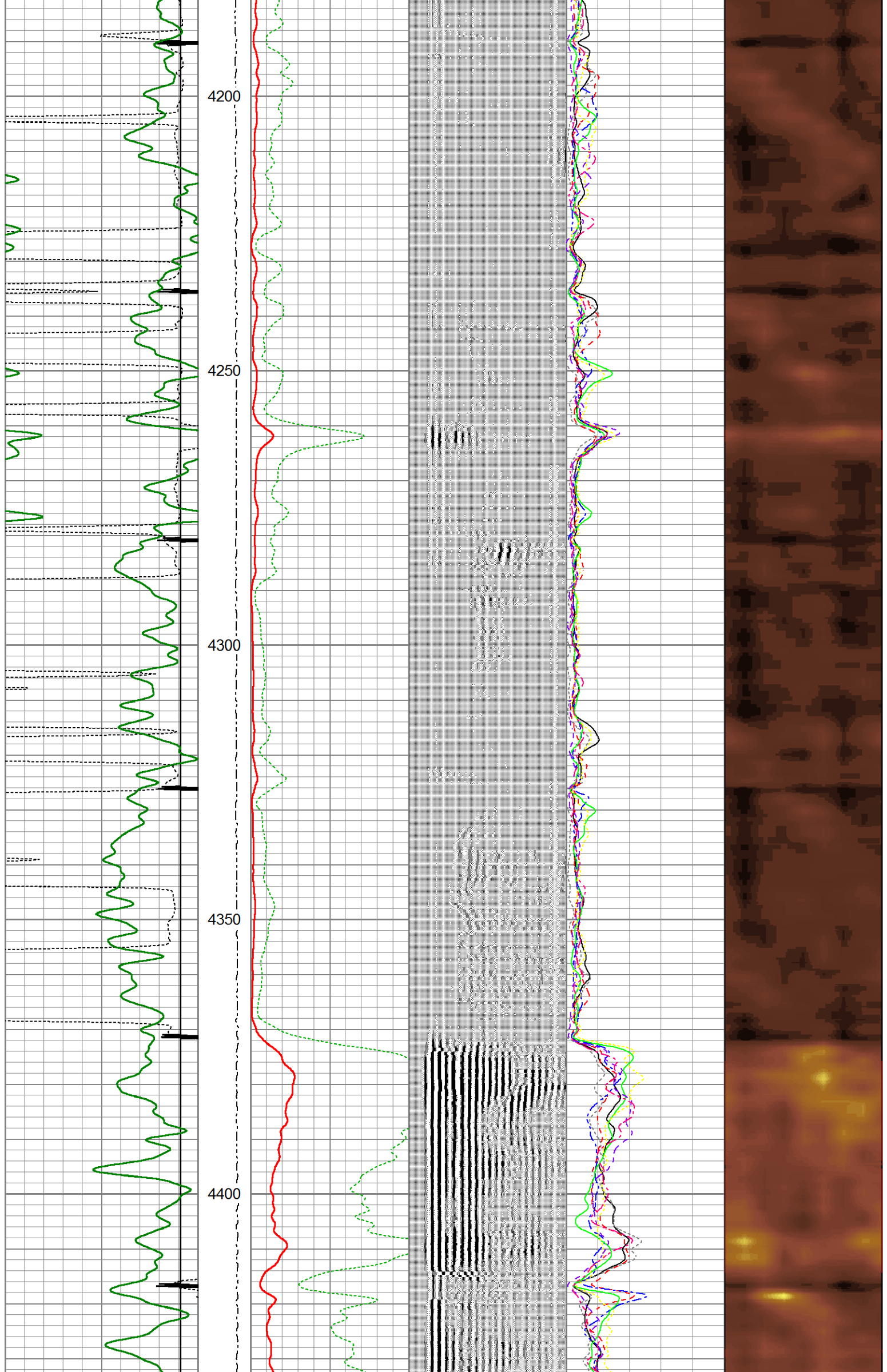


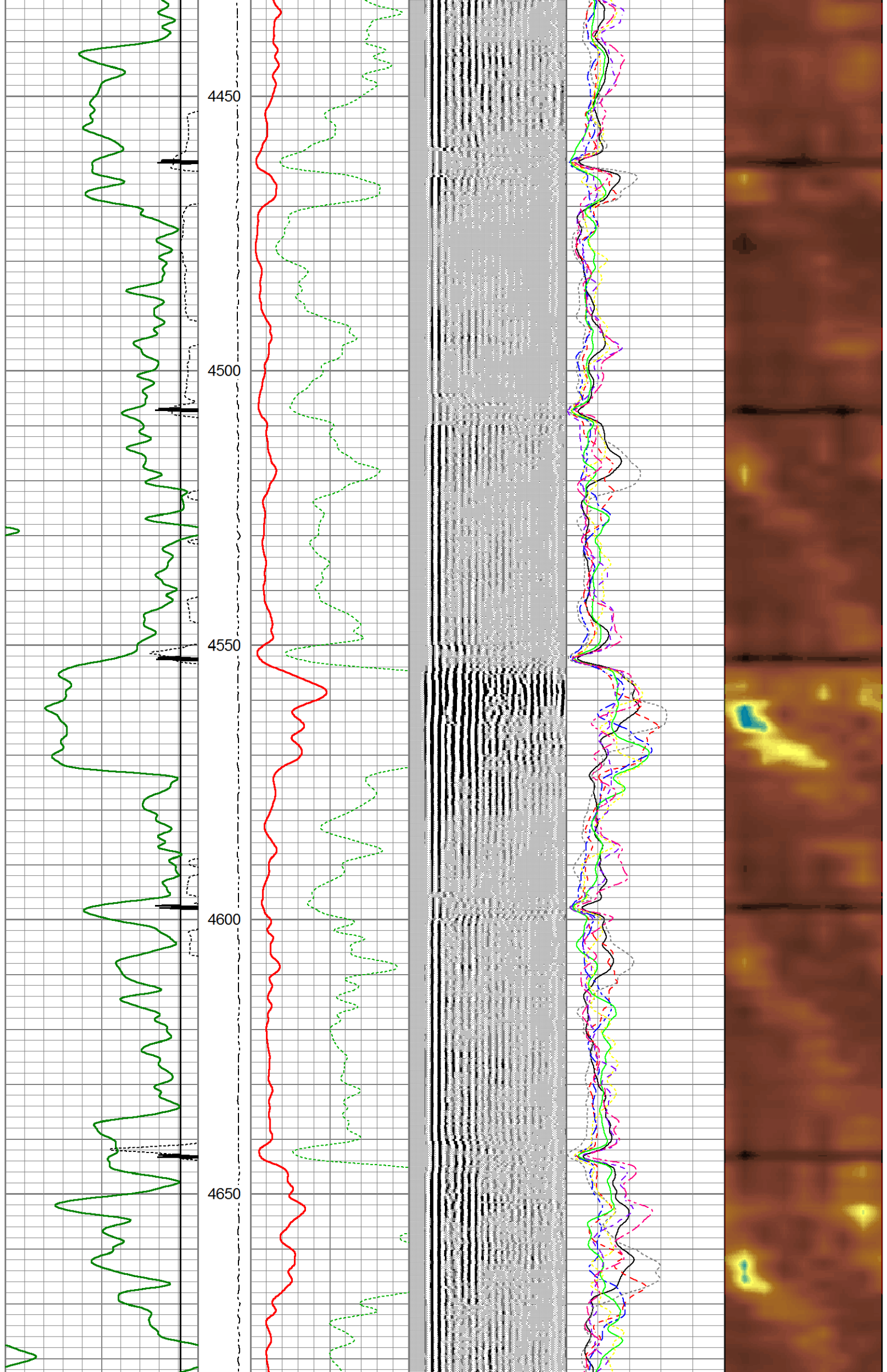


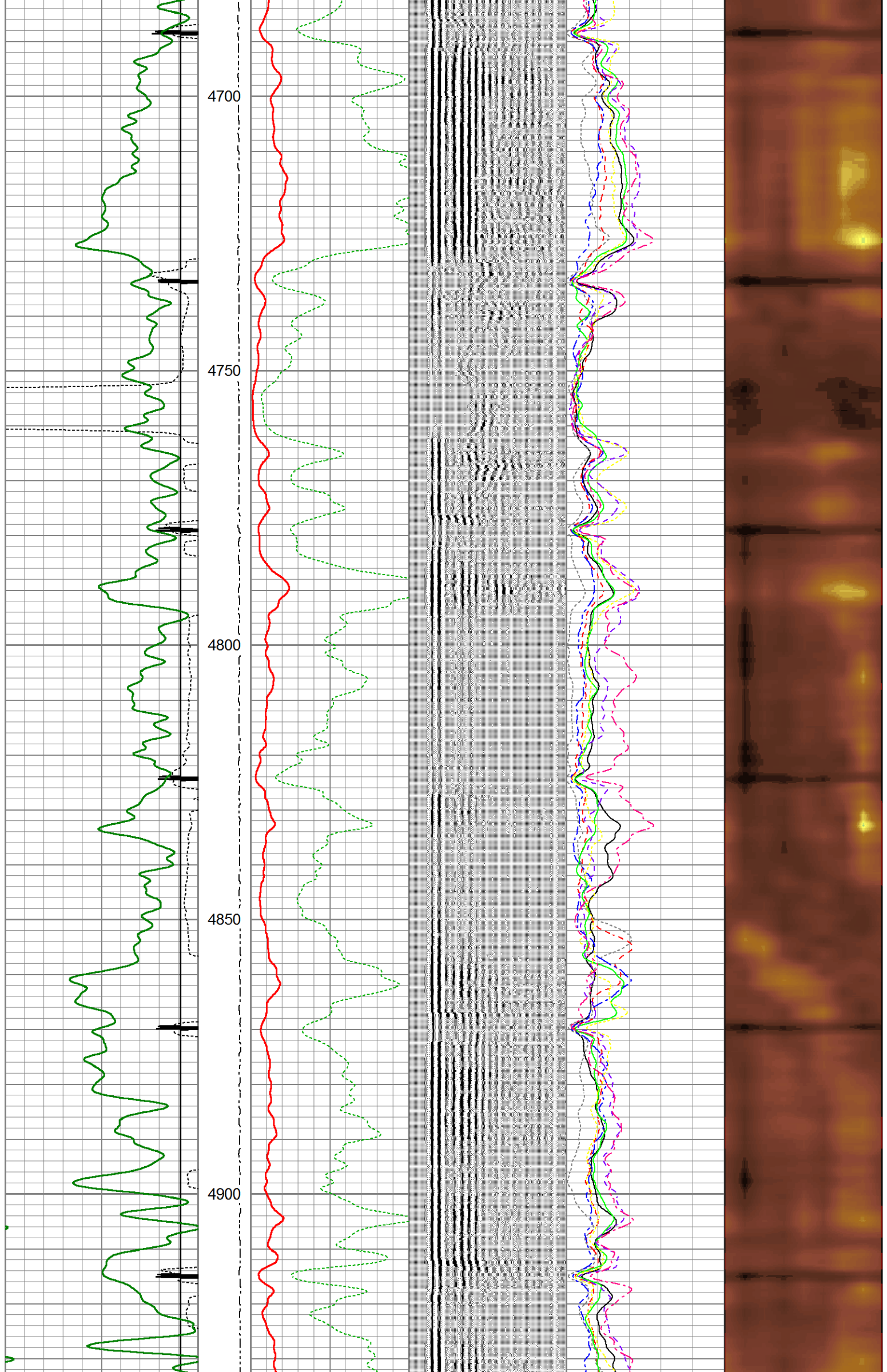


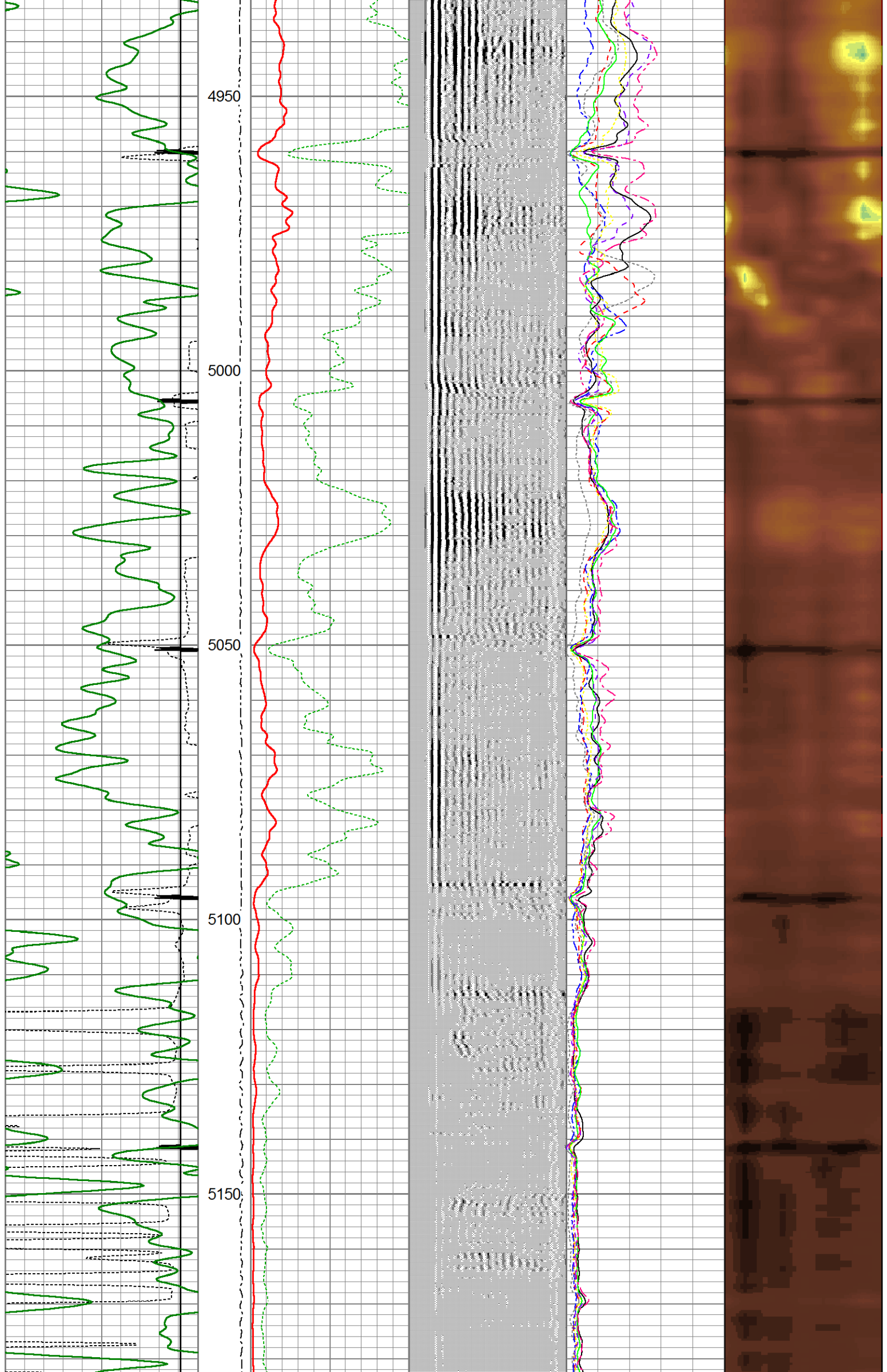


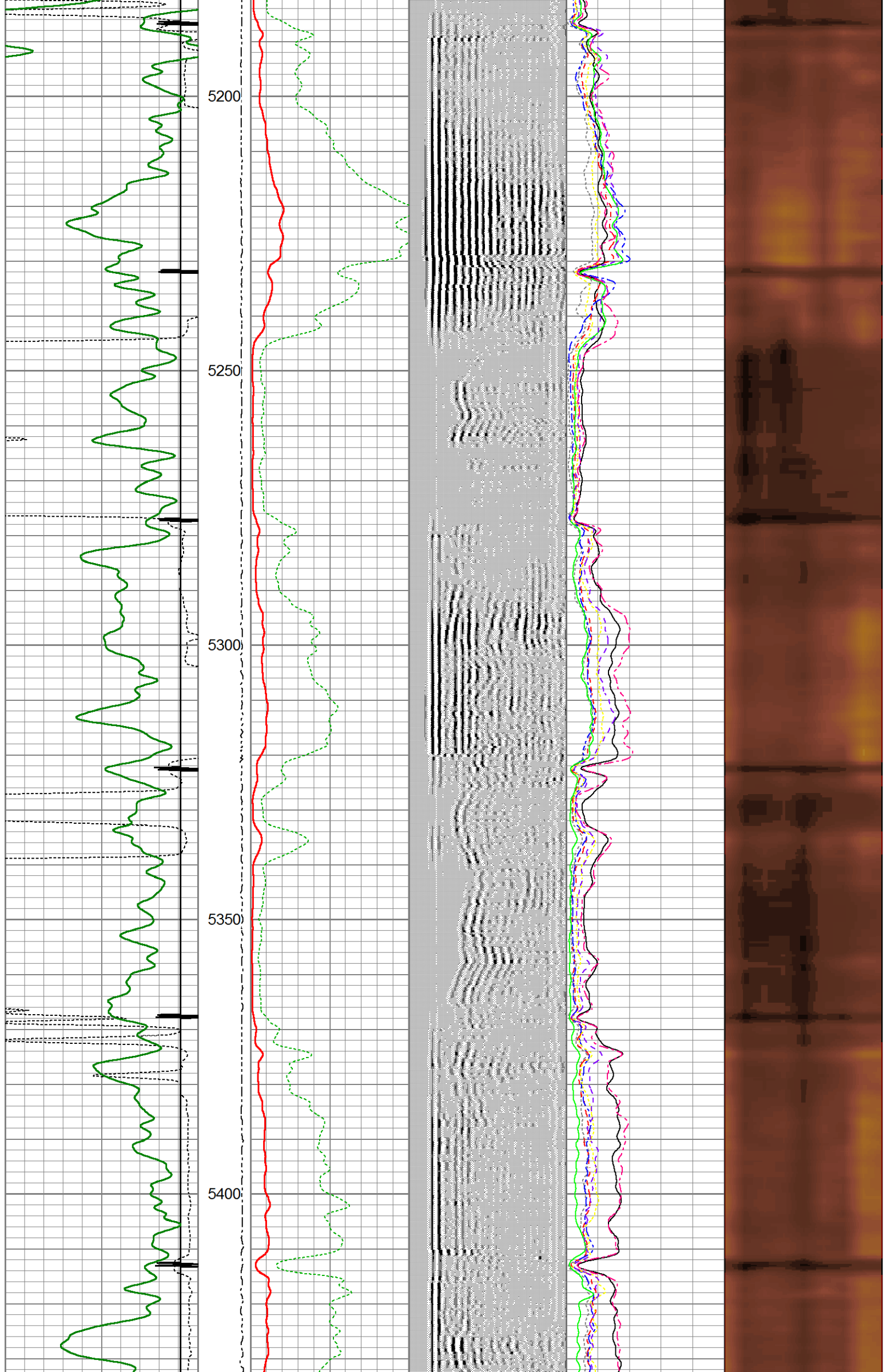


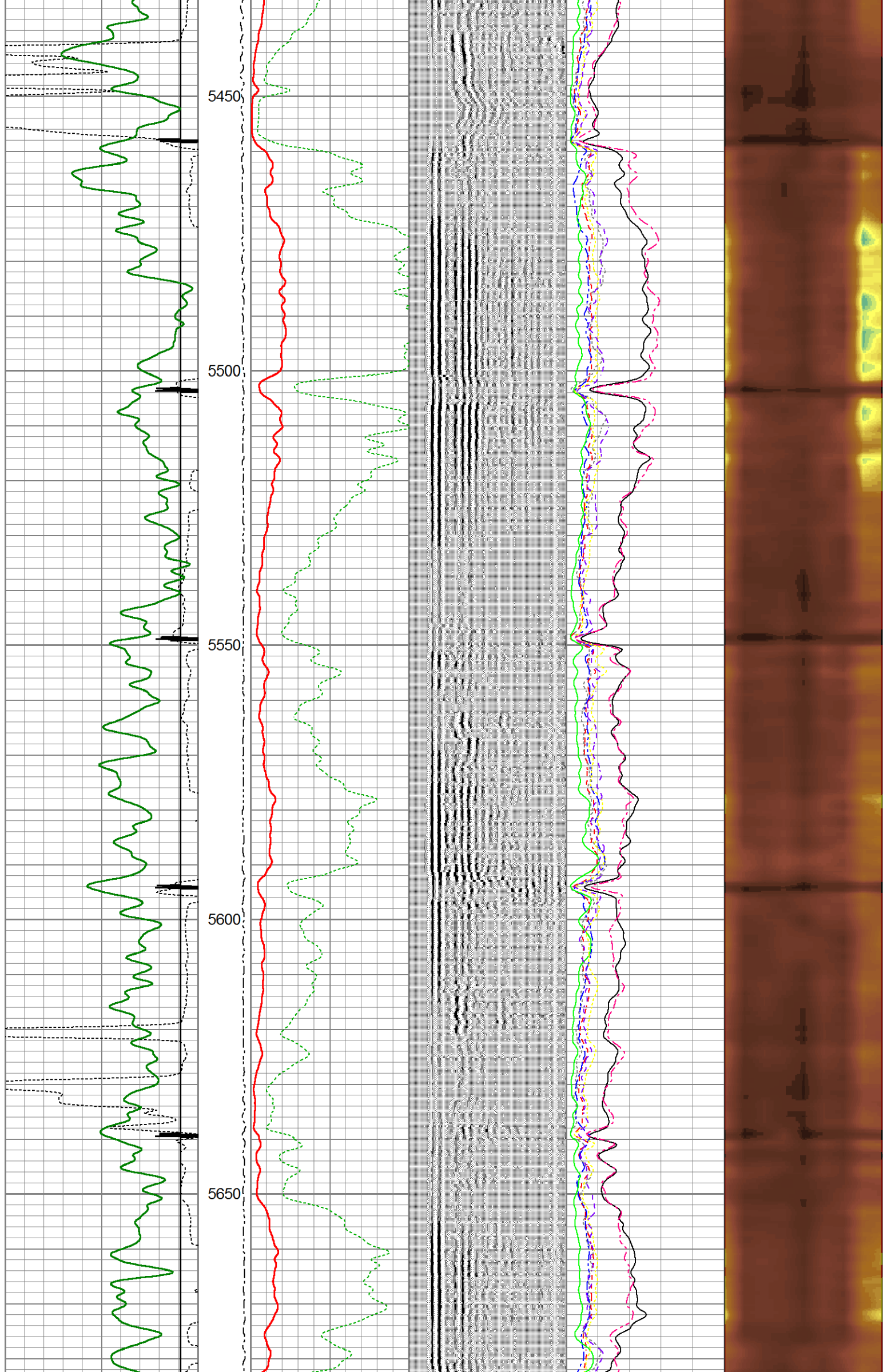


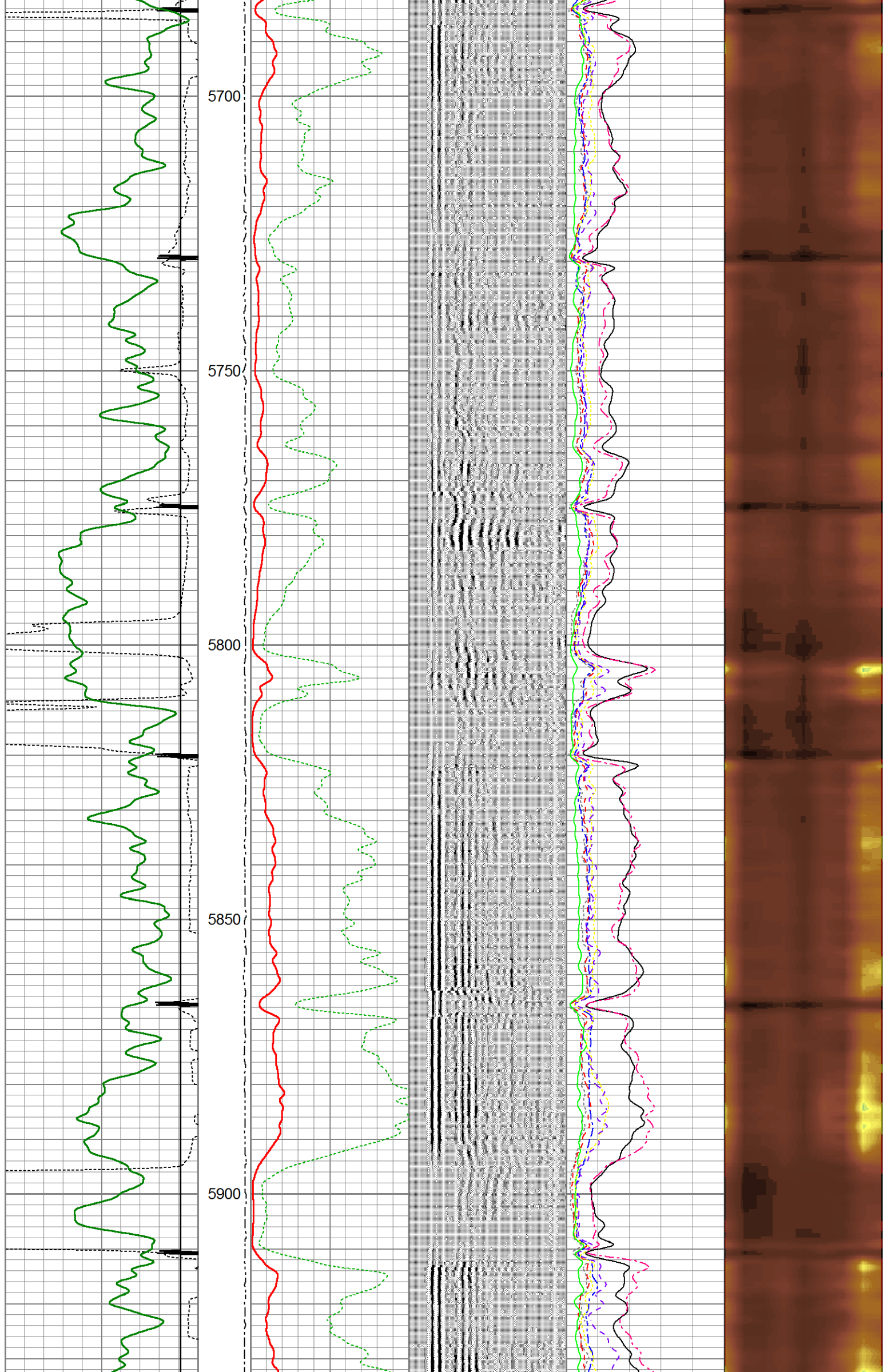


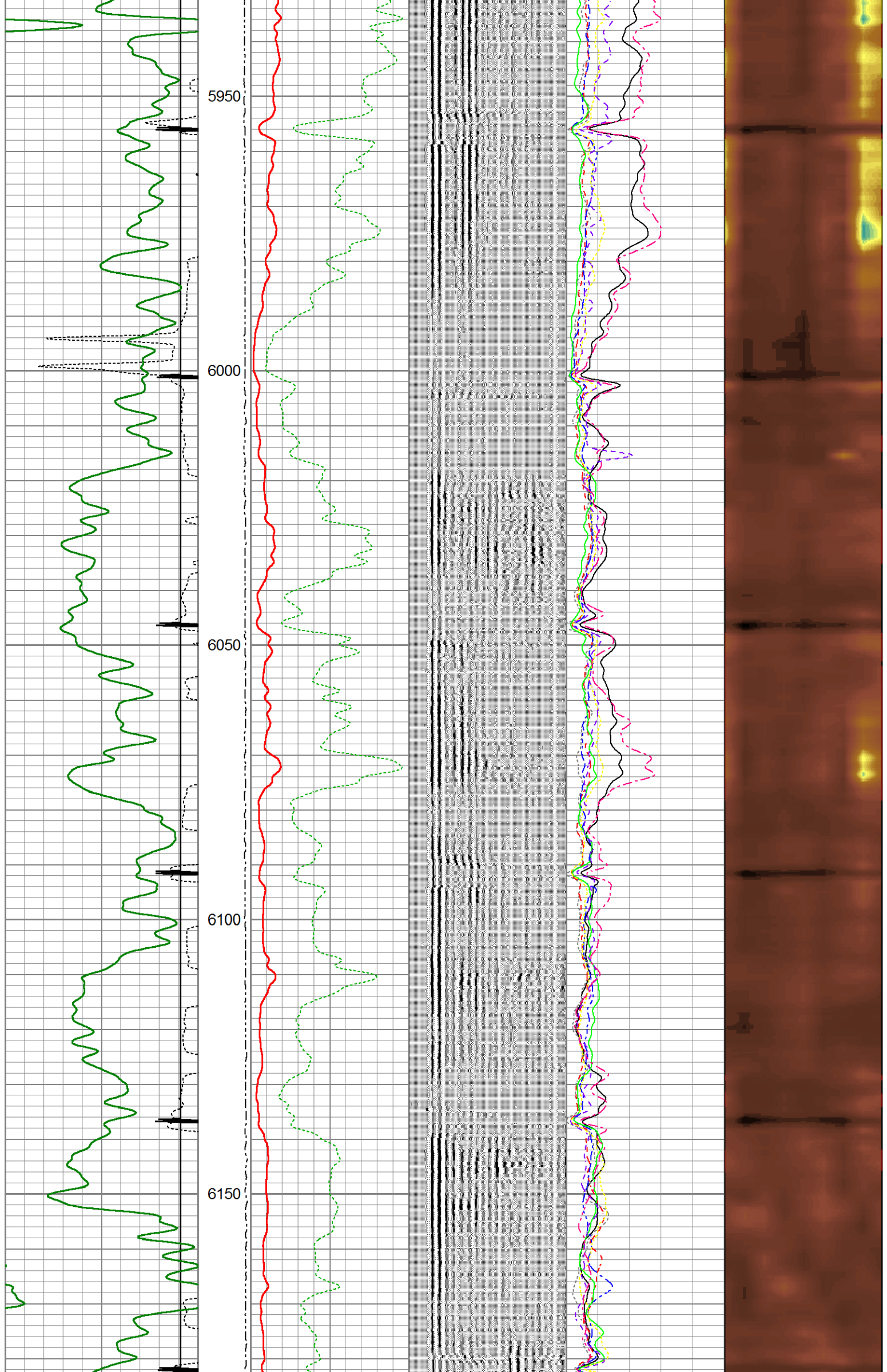


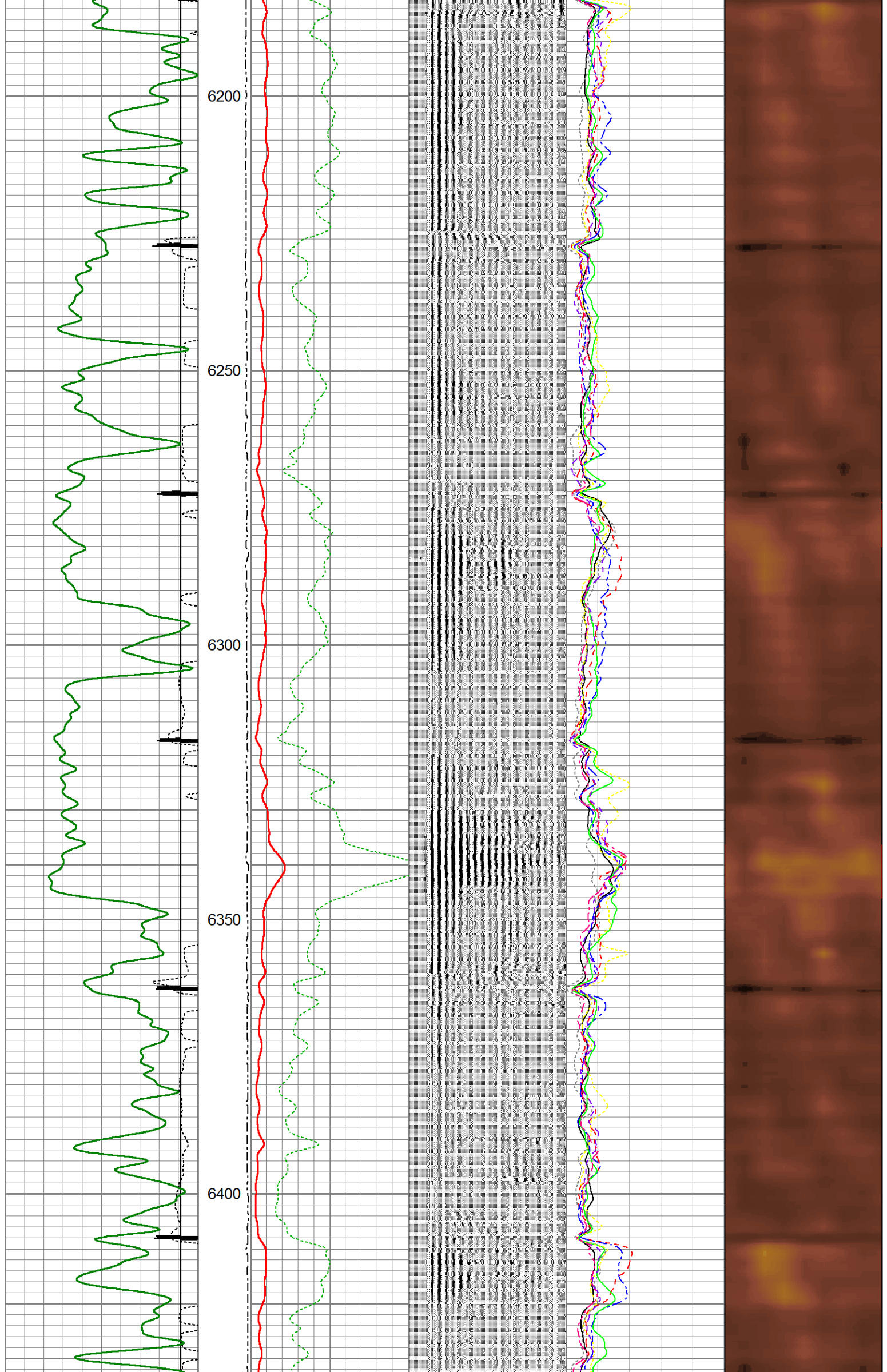


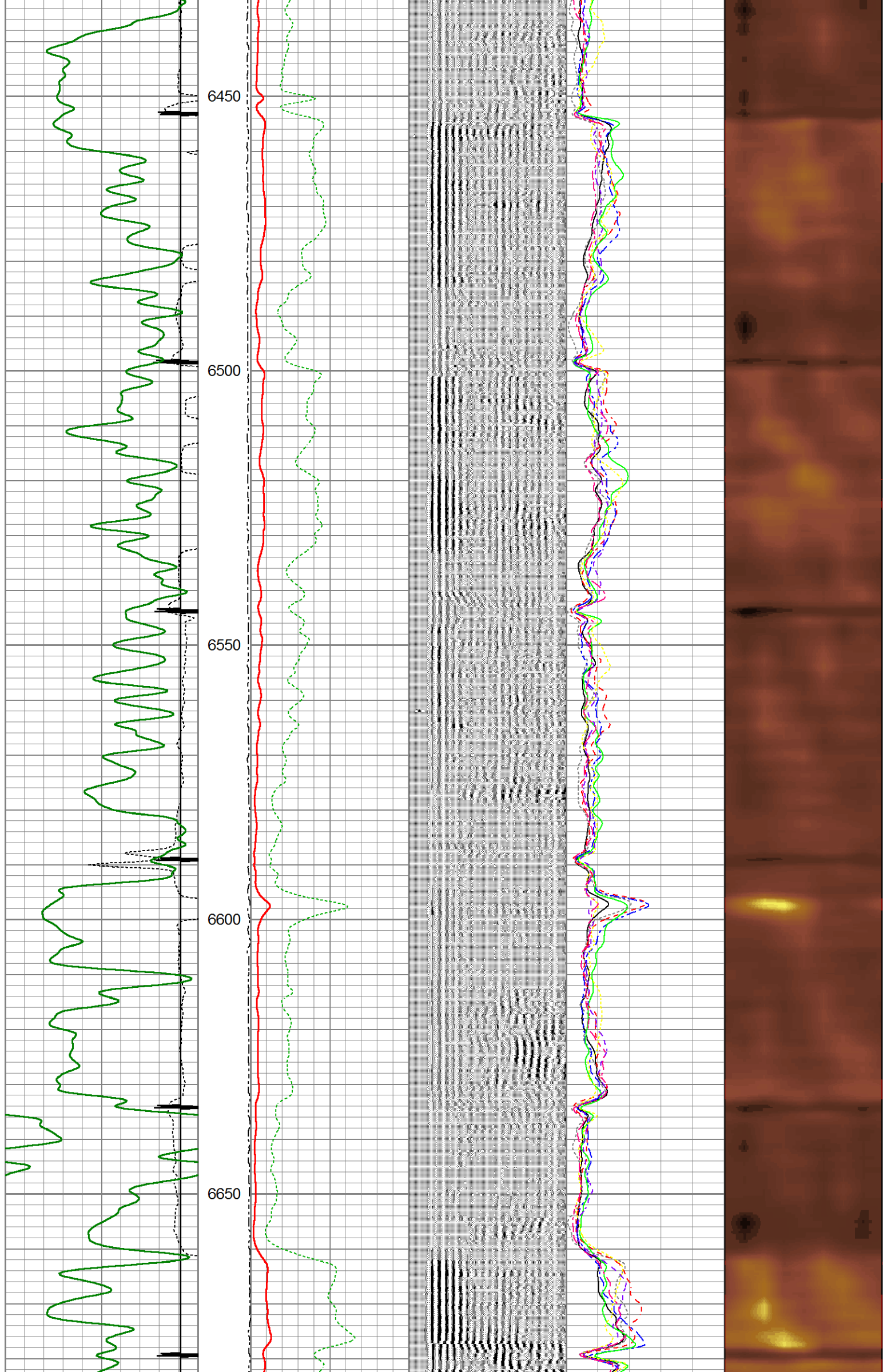


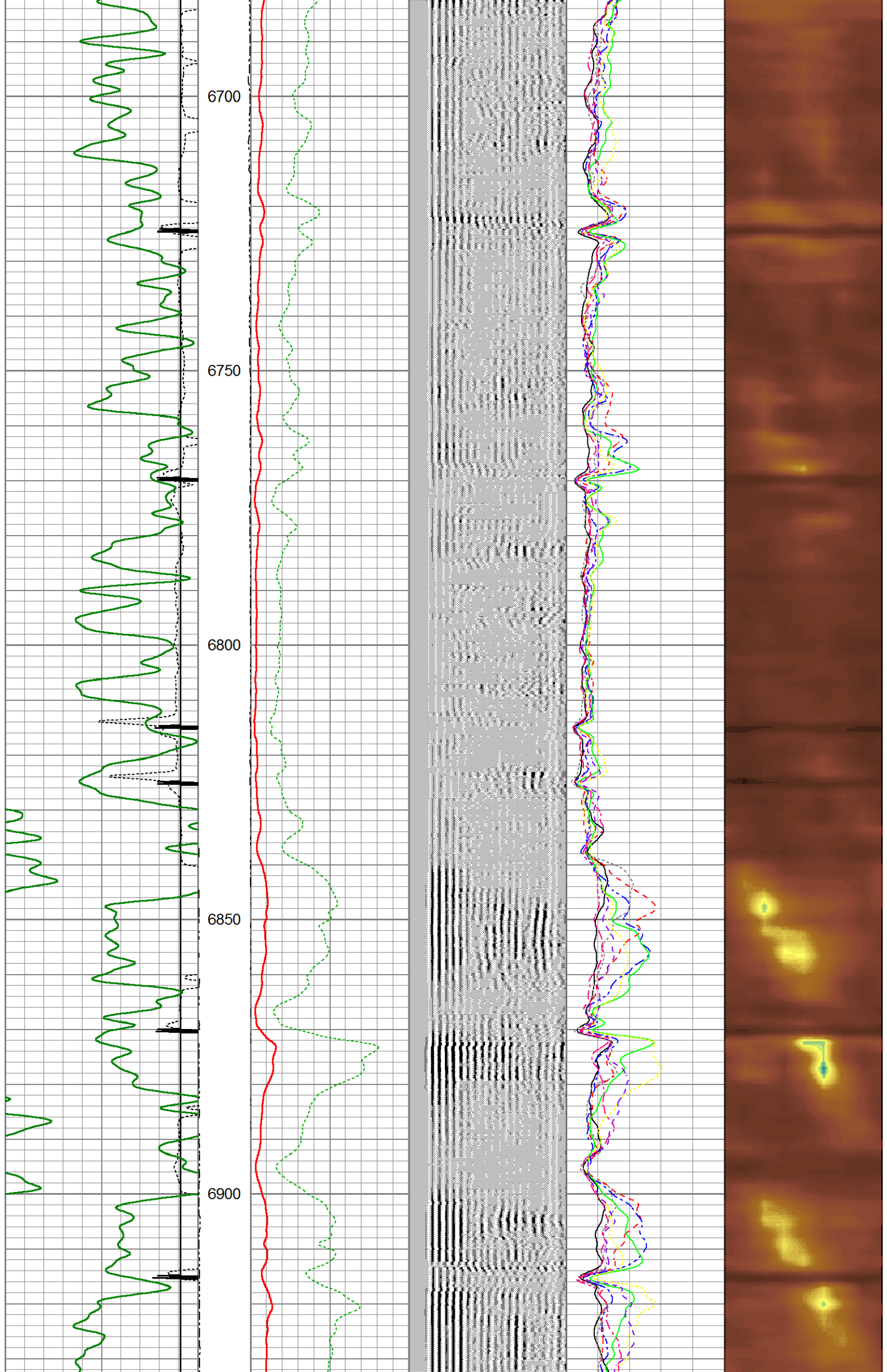


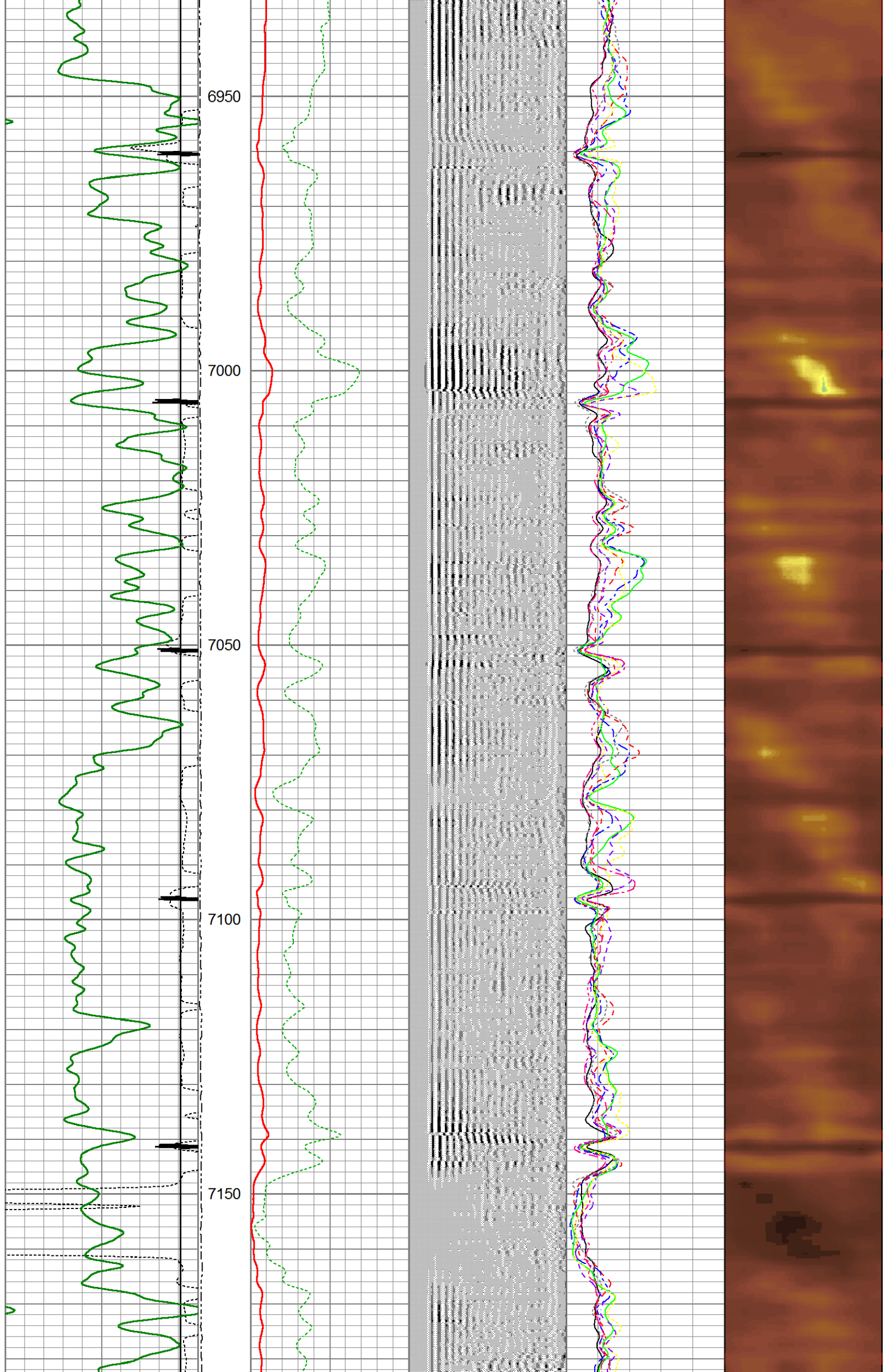


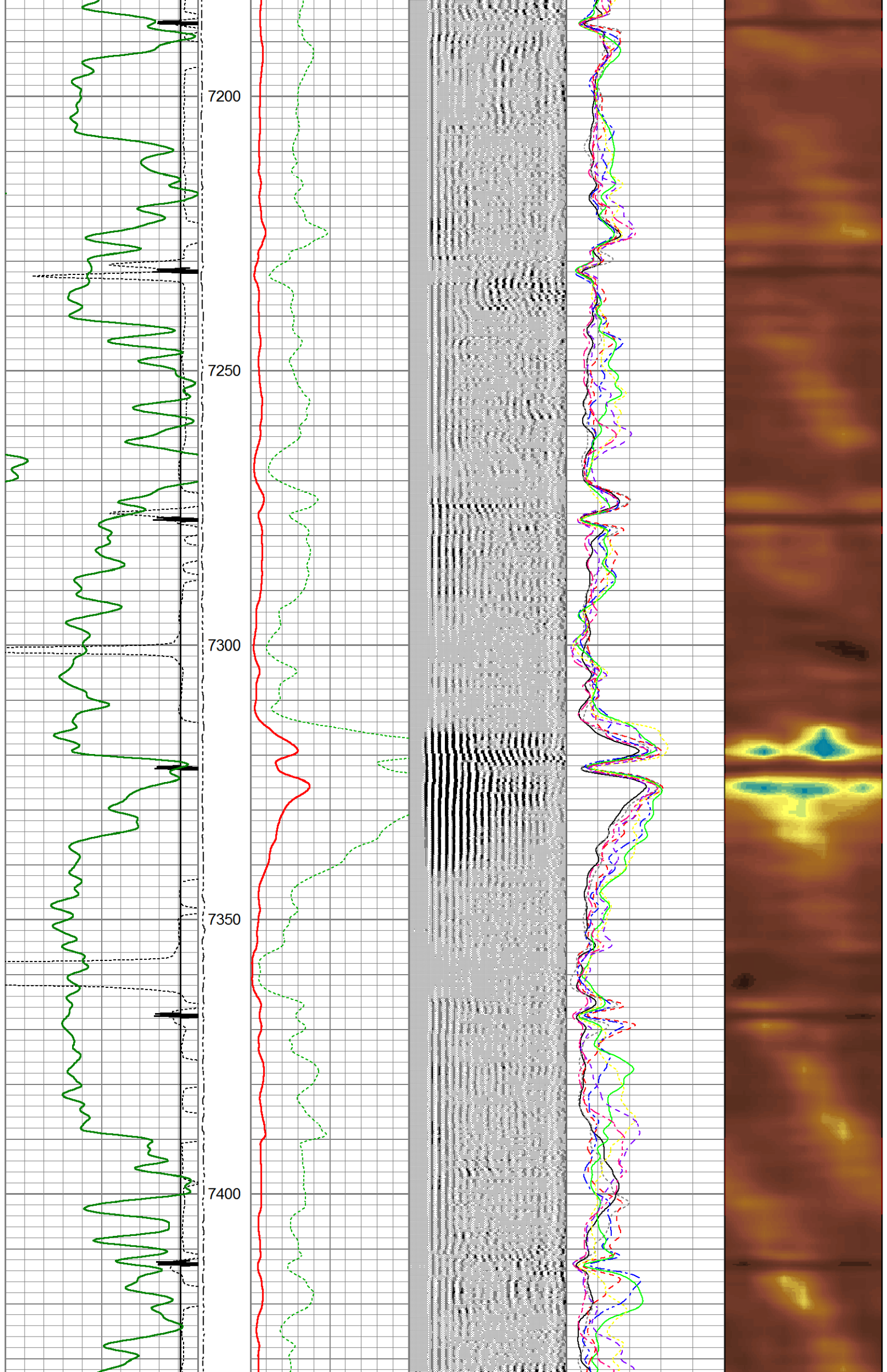


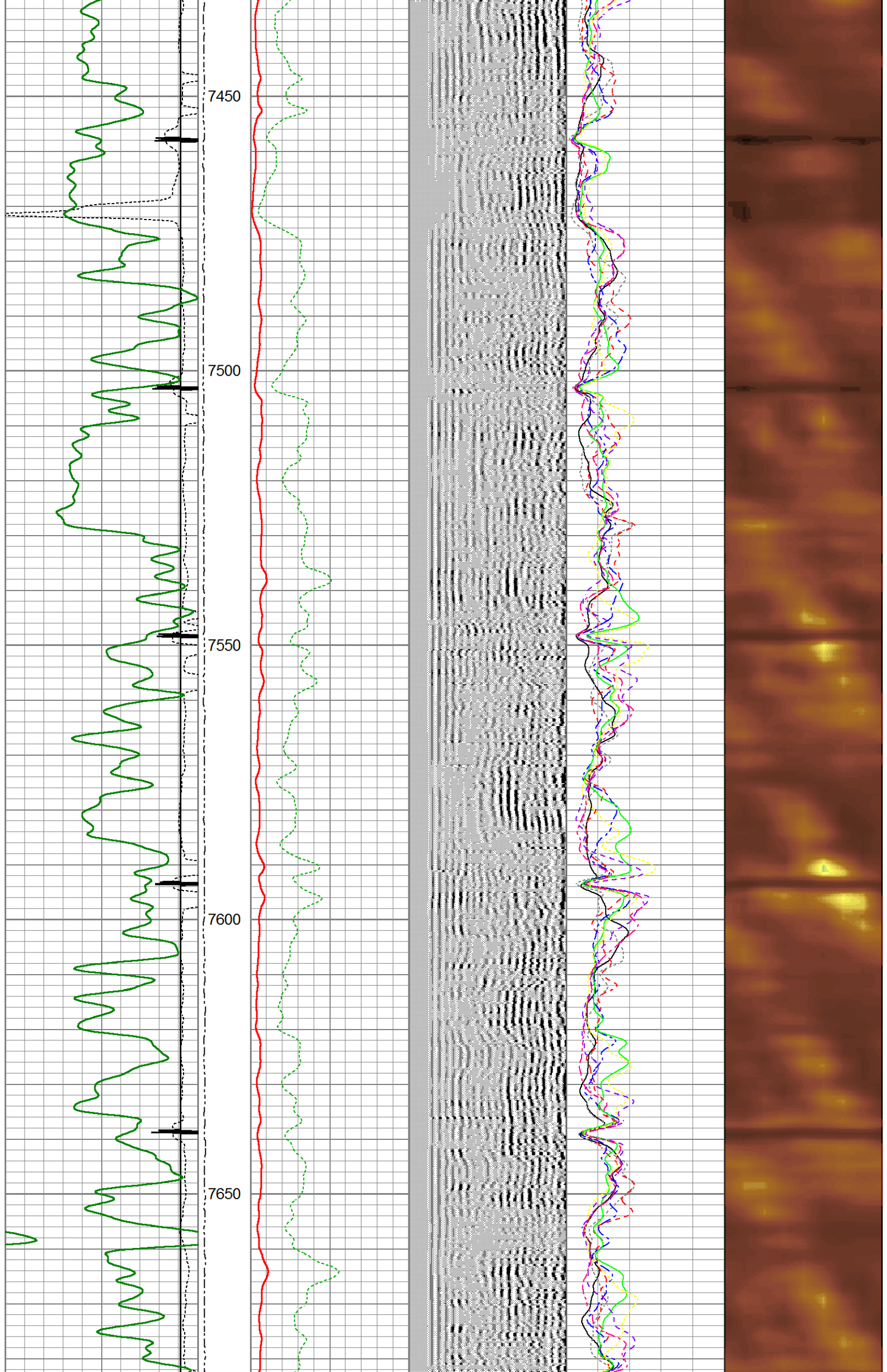


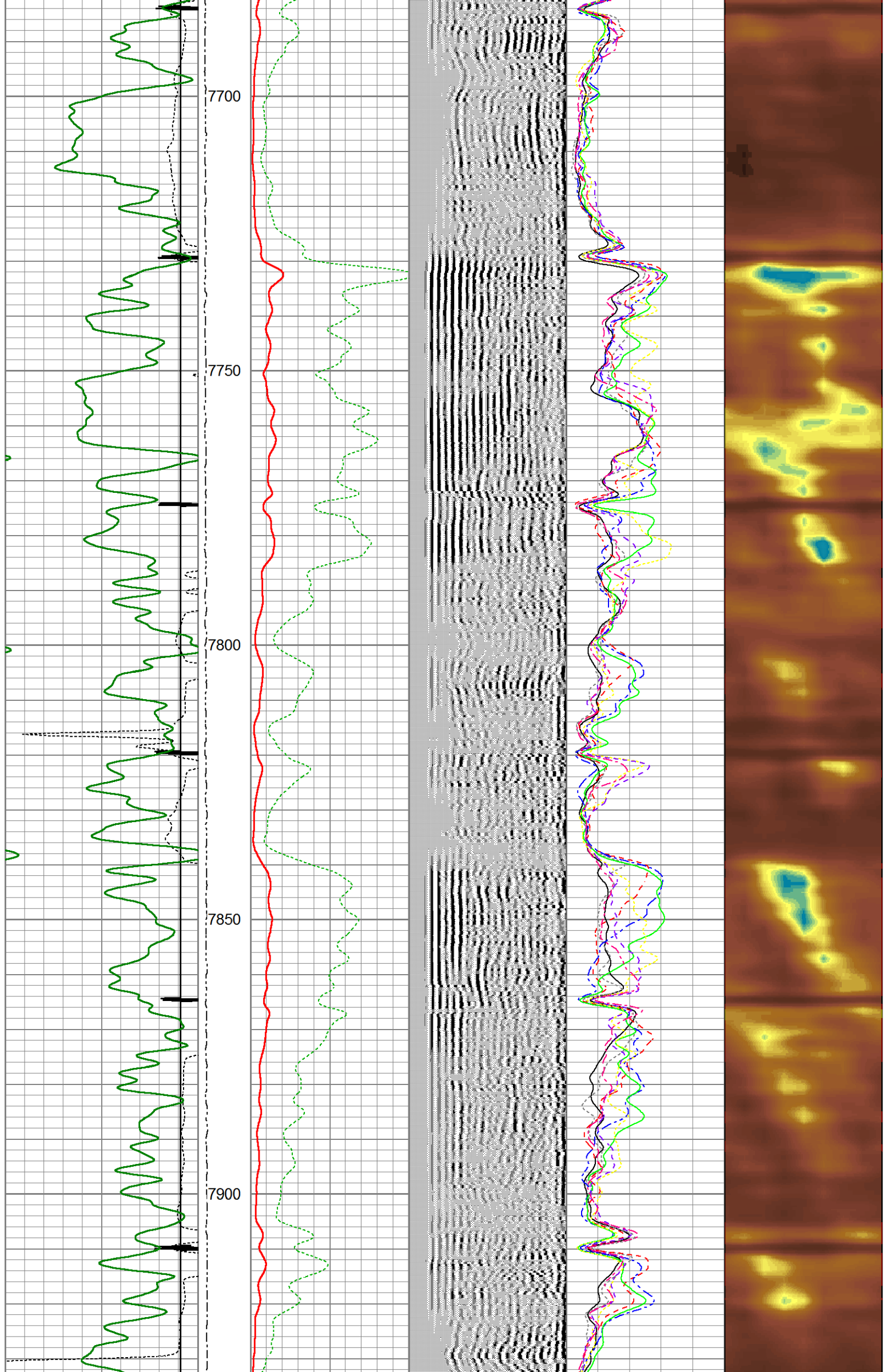


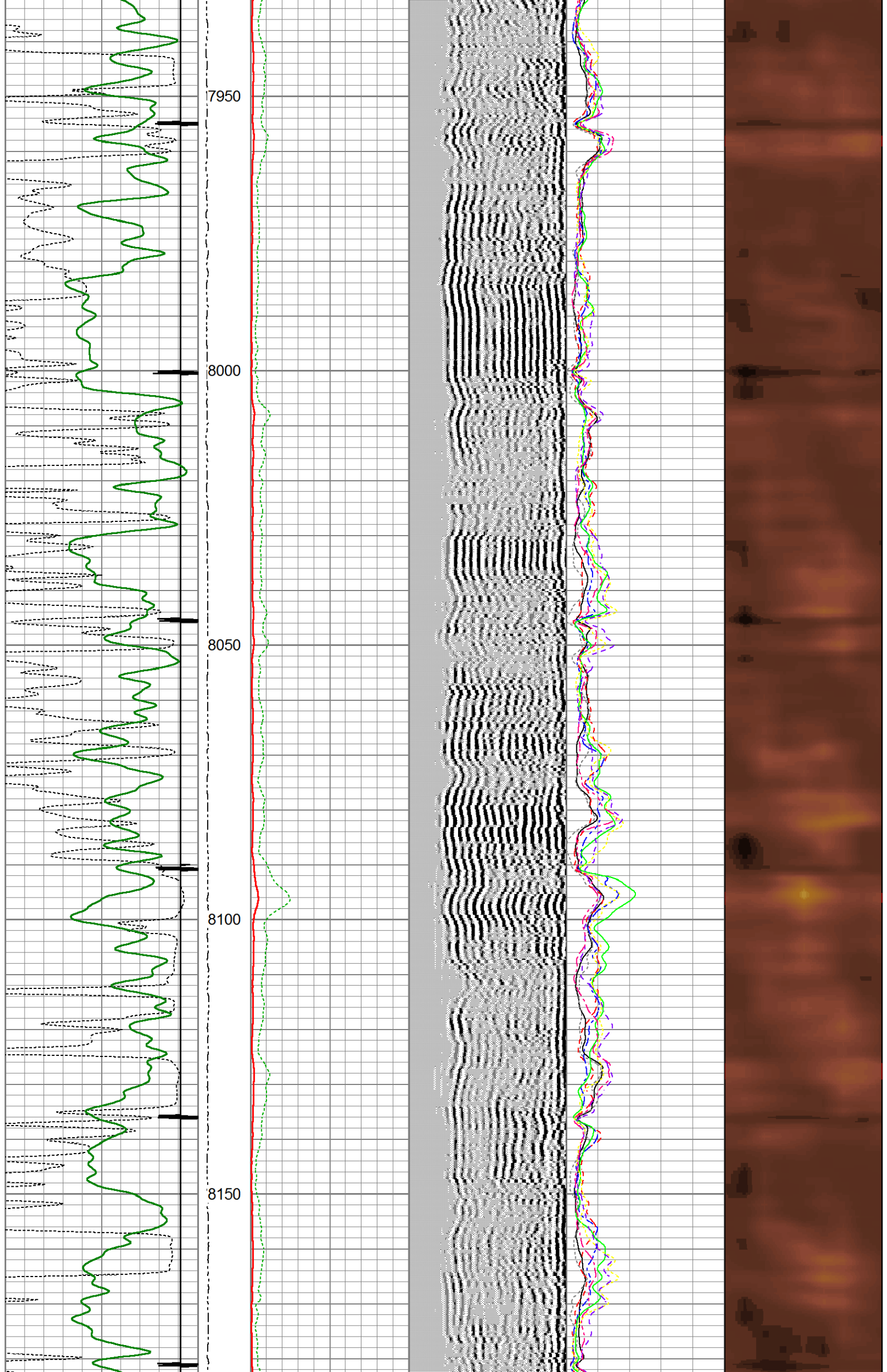


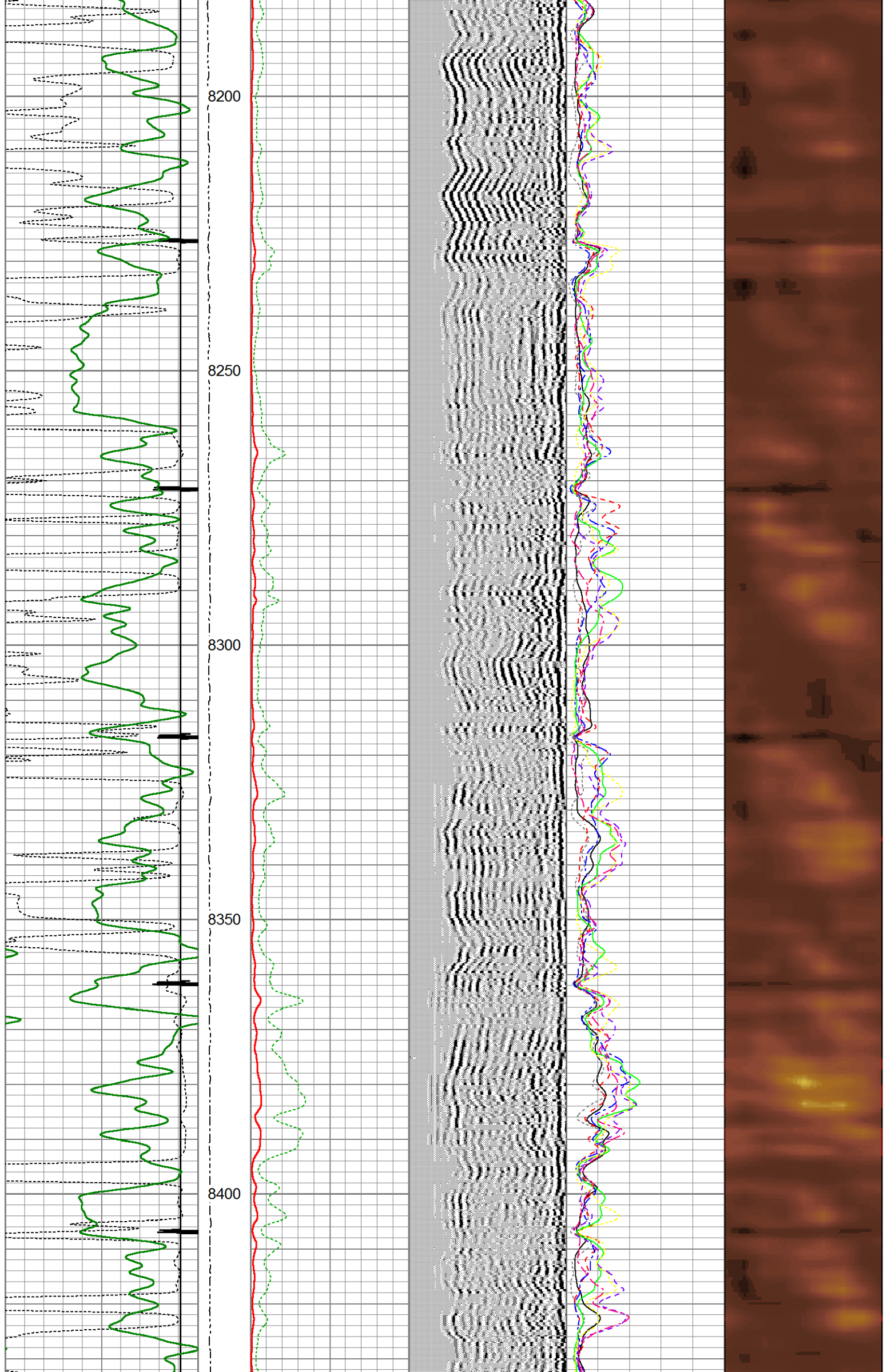


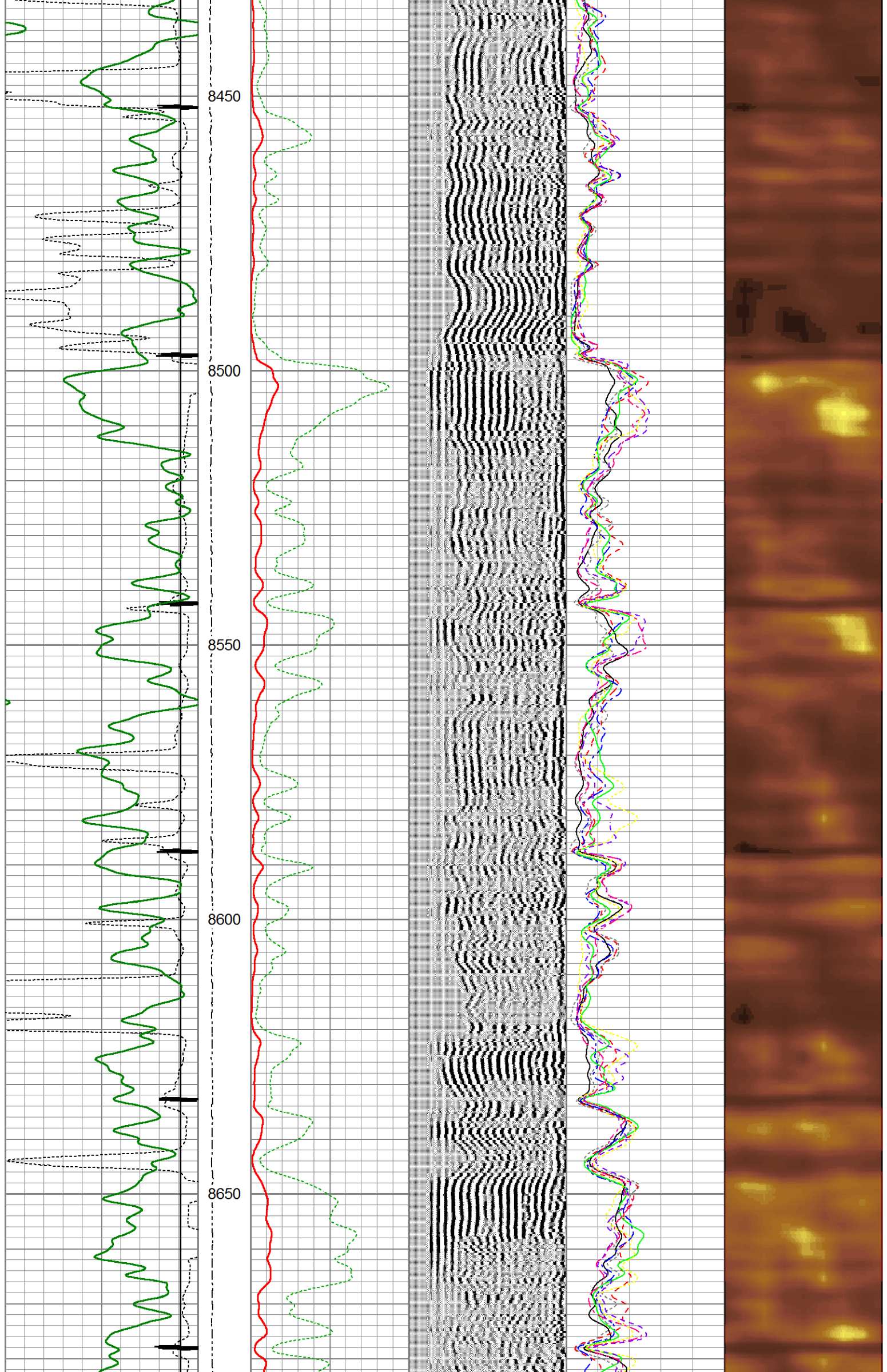


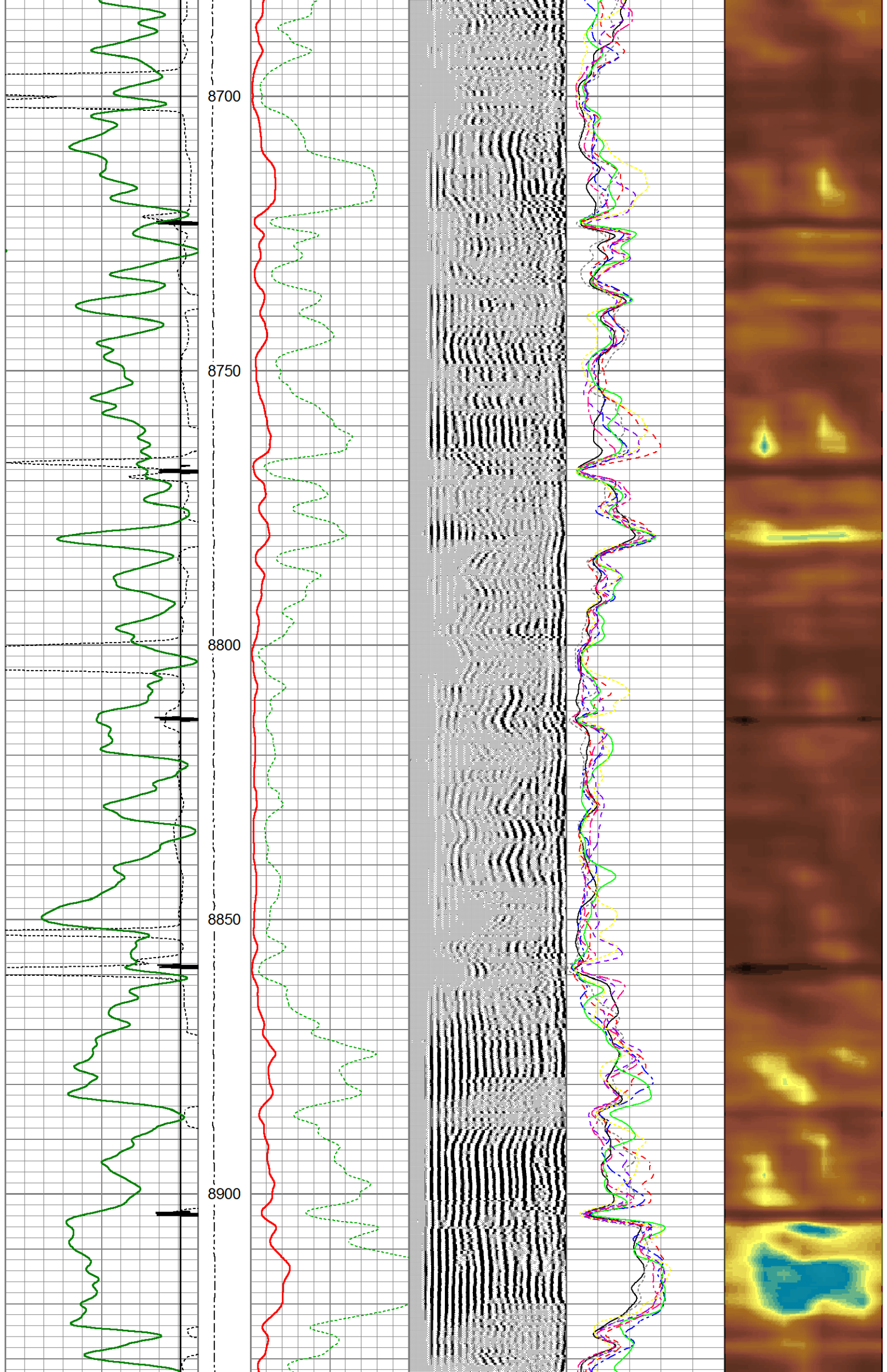


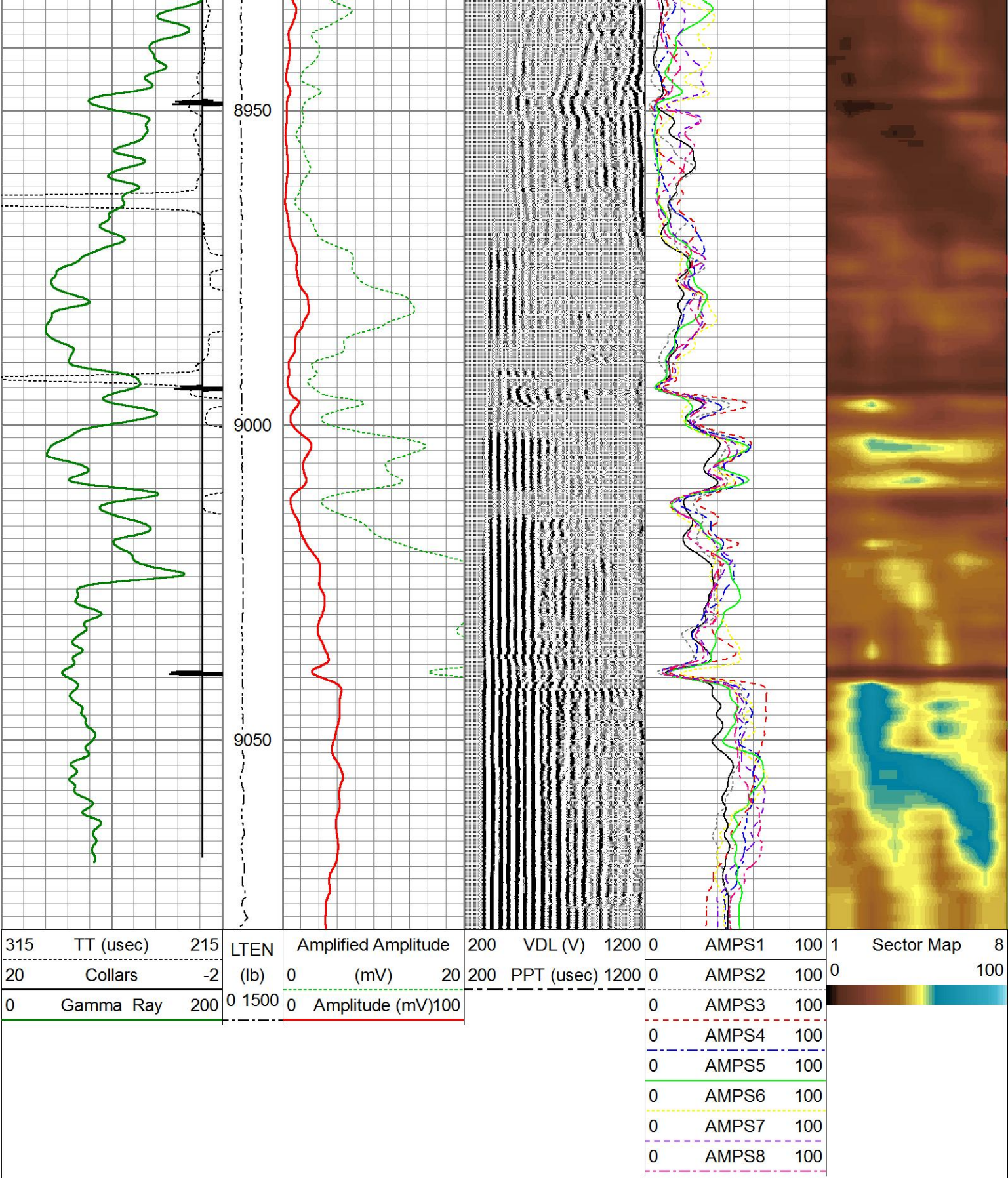












Weatherford®

MAIN PASS

SECTOR BOND LOG




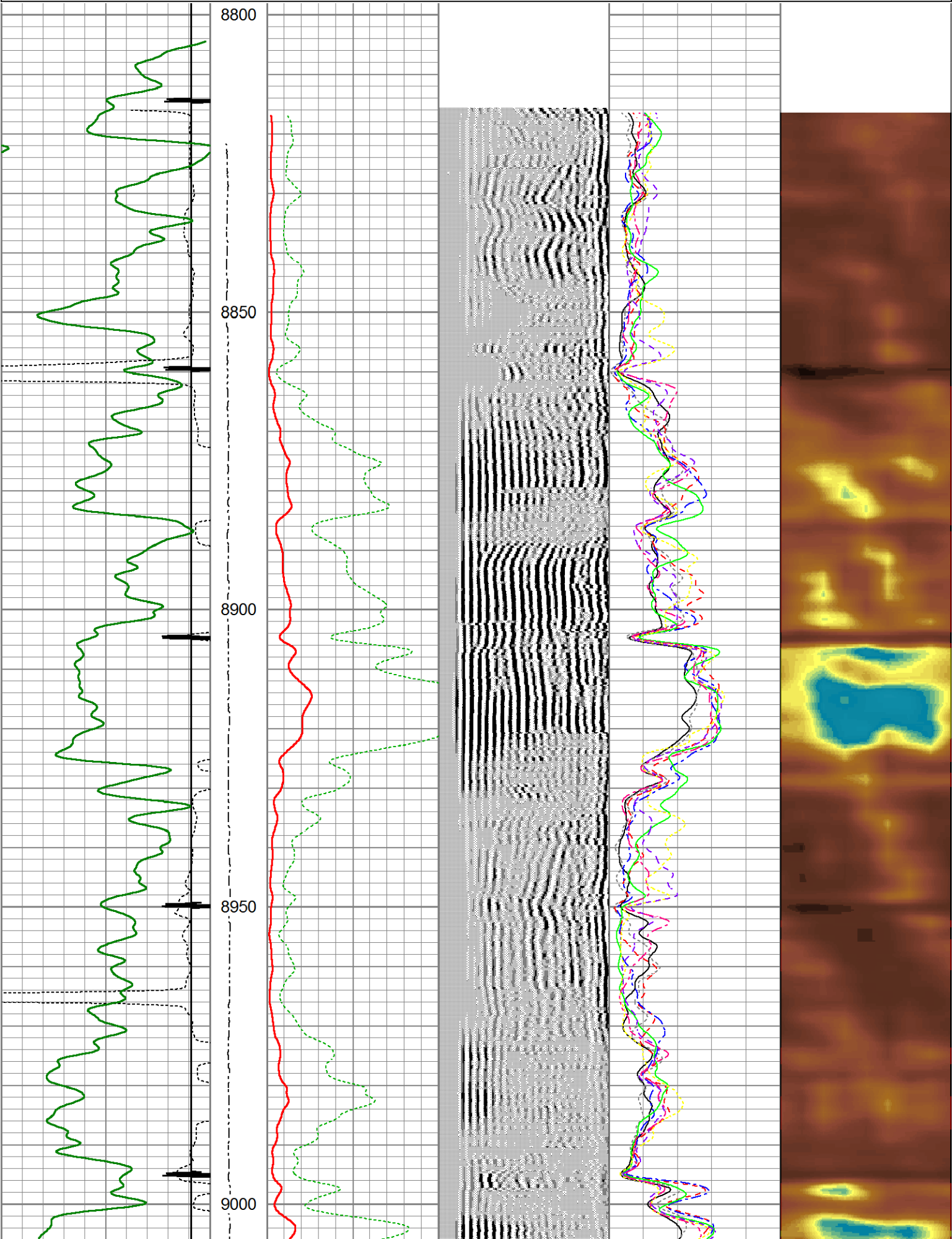
Weatherford®

REPEAT PASS





SECTOR BOND LOG

Database File	g:\caerus puckett pad day 1\puckett 33a-26 sbt\puckett 33a-26 sbt.db
Dataset Pathname	pass13
Presentation Format	sectors2
Dataset Creation	Sat May 13 03:24:07 2017
Charted by	Depth in Feet scaled 1:240

315	TT (usec)	215	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 1500	0 Amplitude (mV)100						0	AMPS3	100		
										0	AMPS4	100		
										0	AMPS5	100		
										0	AMPS6	100		
										0	AMPS7	100		
										0	AMPS8	100		
										0	AMPS8	100		
										0	AMPS8	100		



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 (6Pin)	4.76	2.75	40.00
			CENT-CEN-B SBT Centralizer 2-3/4" 6Pin (4 Bowspring)	3.08	2.75	23.80
WVFS8	7.70		SCBT-SCBT2.7H (SBTA330) 2 3/4" 350F/20K PSI Weatherford Sector Bond Tool	10.29	2.75	90.00
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	2.75	2.00

Dataset:	PUCKETT 33A-26 SBT.db: field/well/run1/pass14
Total length:	27.74 ft
Total weight:	184.60 lb
O.D.:	2.75 in