



Radial Cement Bond  
Gamma CCL  
Log

[illegible]

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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 is correlated to 30' K.B.  
Marker joint logged @ 6410 FT - 6420 FT  
Log ran with 0 PSI at surface

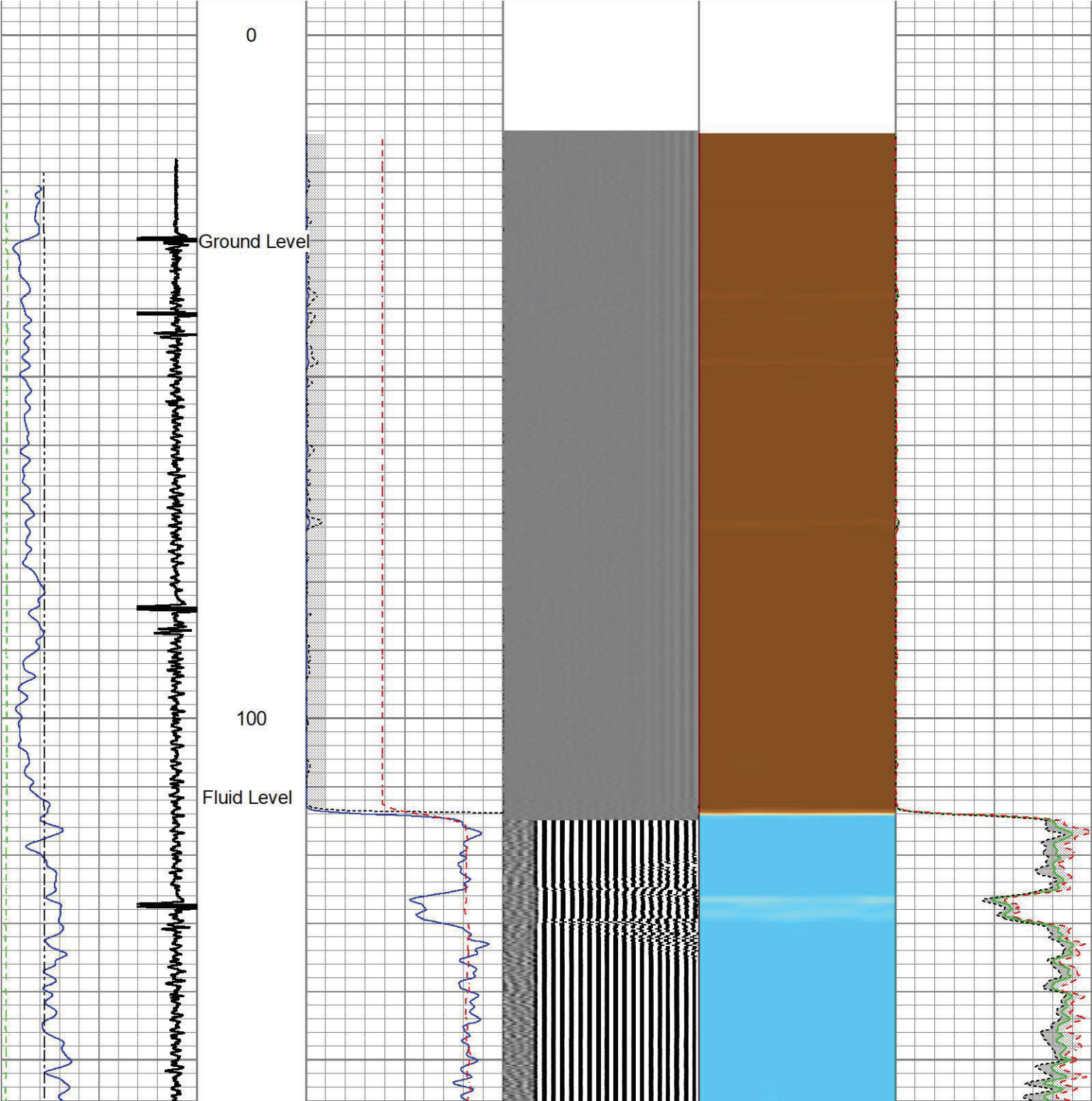
Thank you for choosing The Wireline Group.

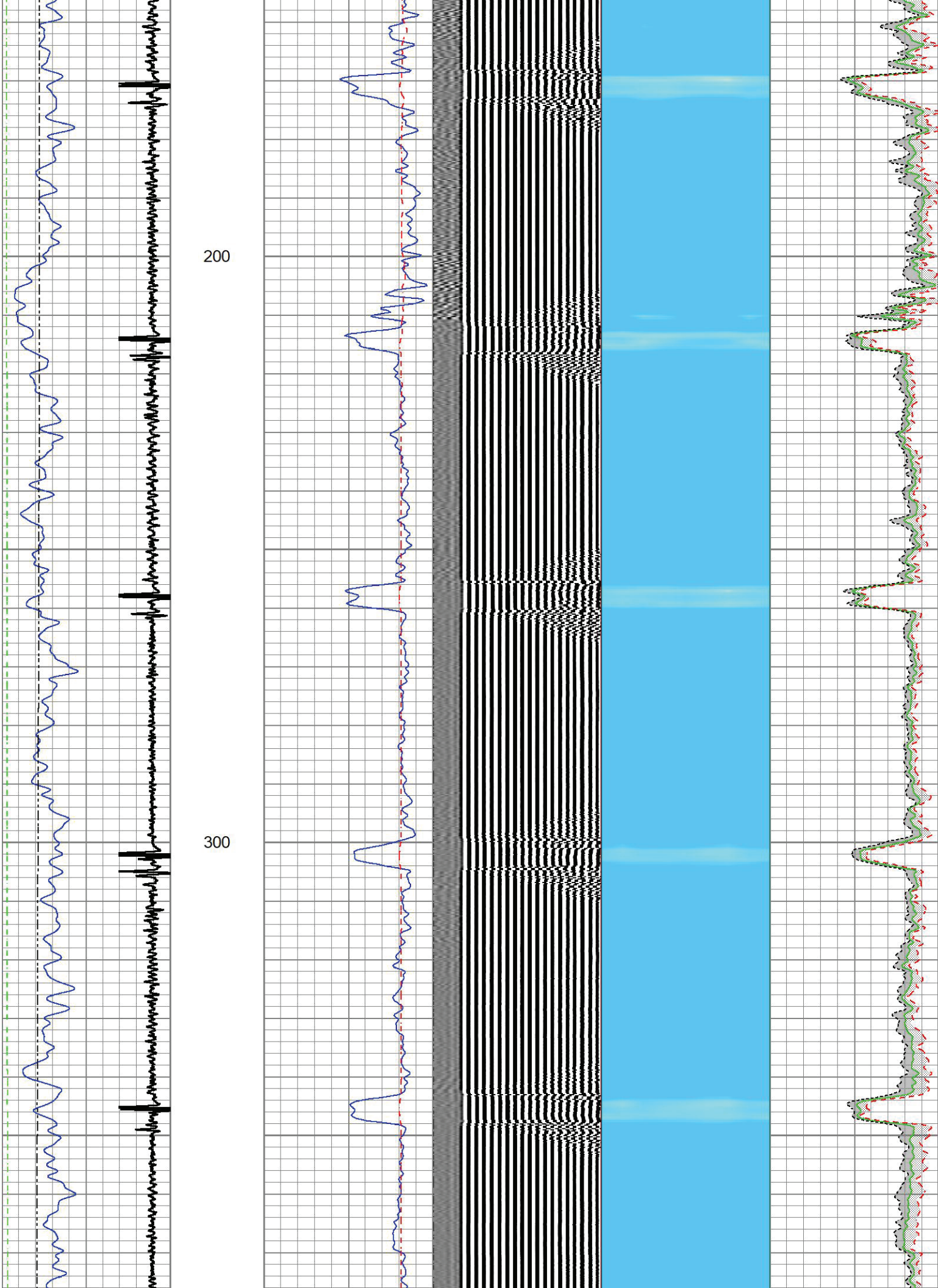


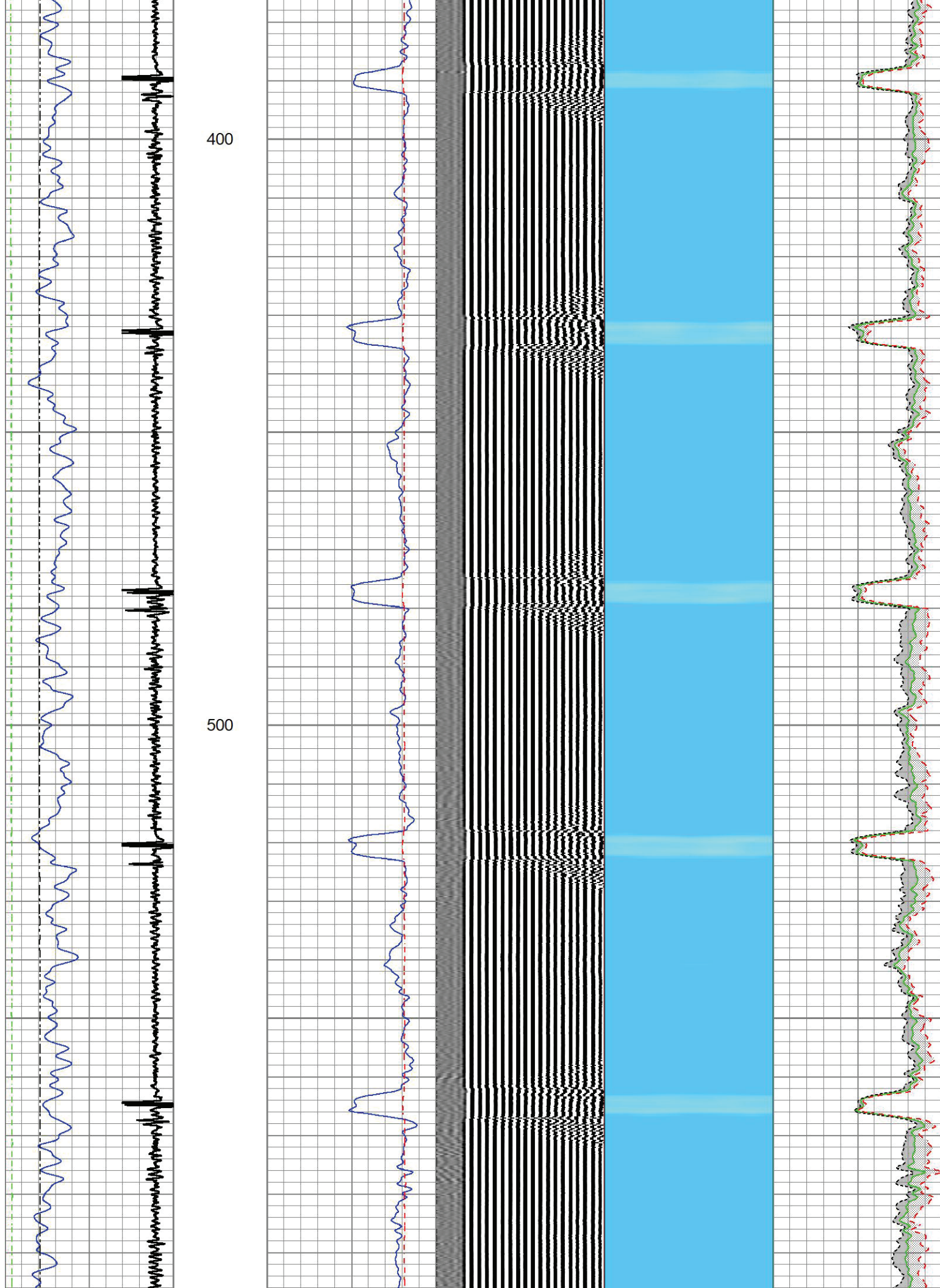
Main Pass 5" = 100'

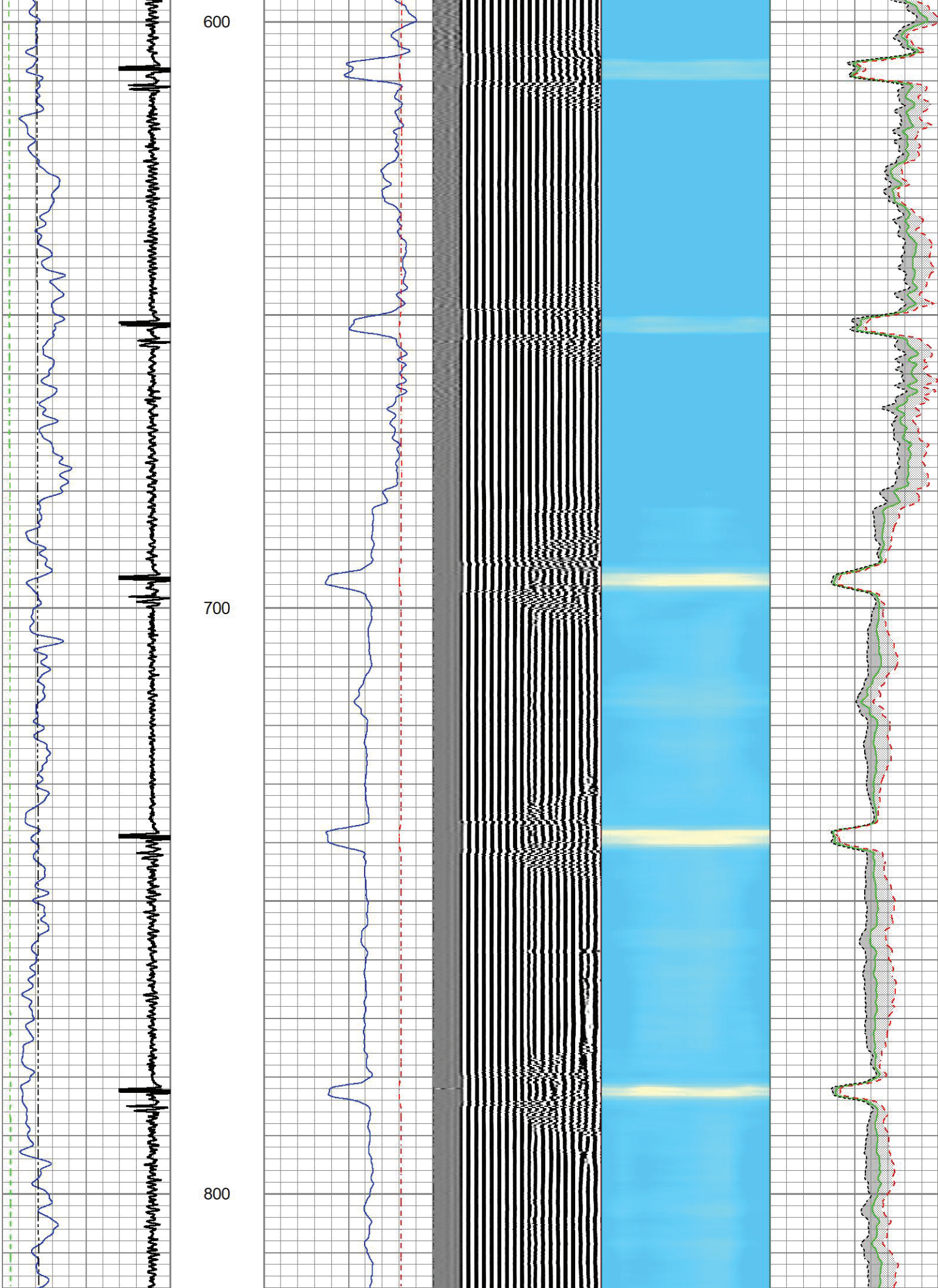
Database File      tep\_nr 333-4\_rcbl\_8-9-2022.db  
Dataset Pathname    main  
Presentation Format   twgrcbl  
Dataset Creation    Tue Aug 09 08:04:29 2022  
Charted by          Depth in Feet scaled 1:240

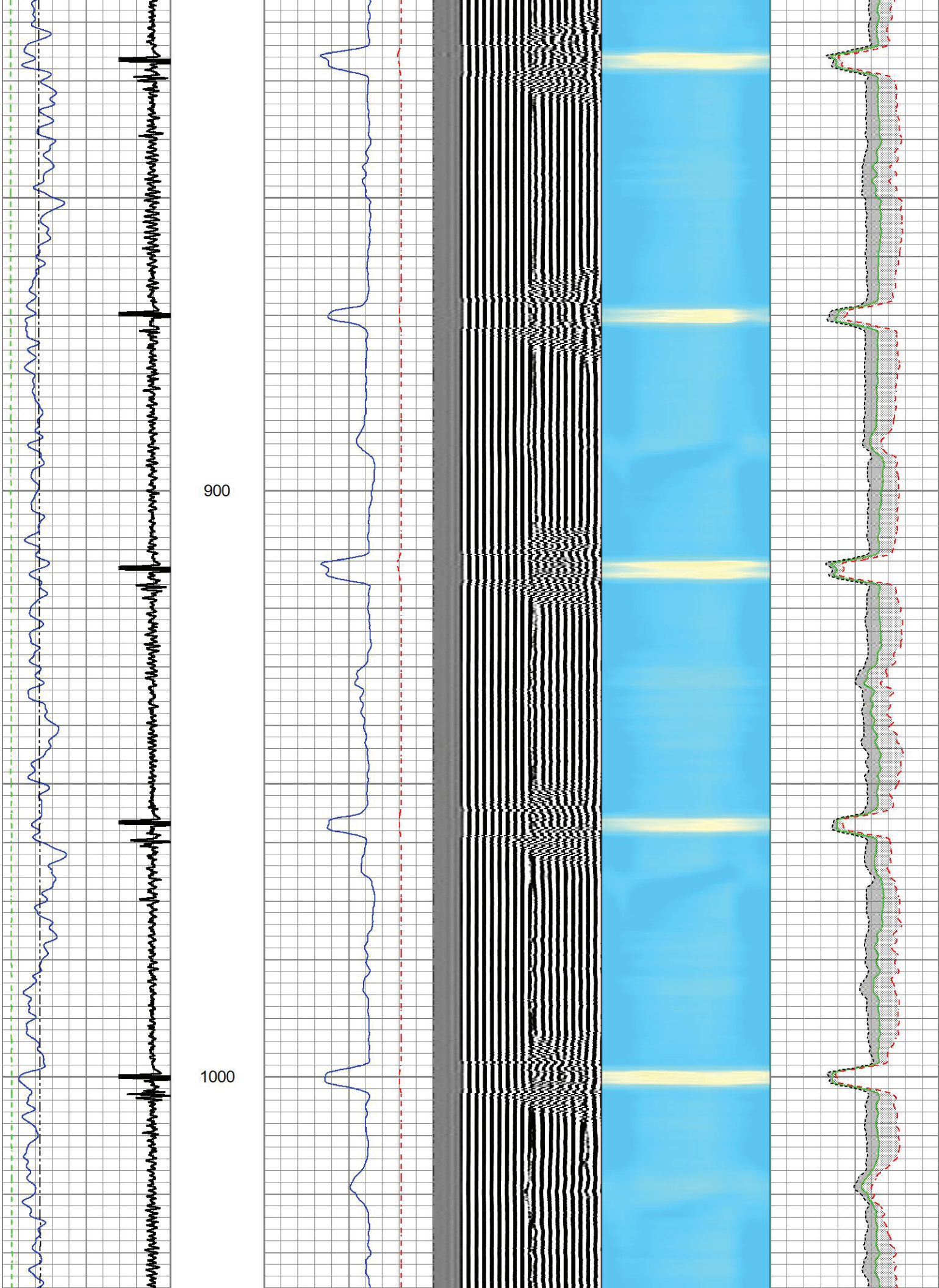
Gamma Ray 0      (GAPI)      200	3' Amplitude 0      (mV)      100	5' Variable Density Log 200      (usec)      1200	Sector Map	Average Amplitude 0      120
Line Tension 0      (lb)      4000	3' Amplitude x 5 0      (mV)      20			Minimum Amplitude 0      120
GCT_Temp 0      (degF)      300	3' Travel Time 650      (usec)      150			Maximum Amplitude 0      120
-9      CCL\$1      1				

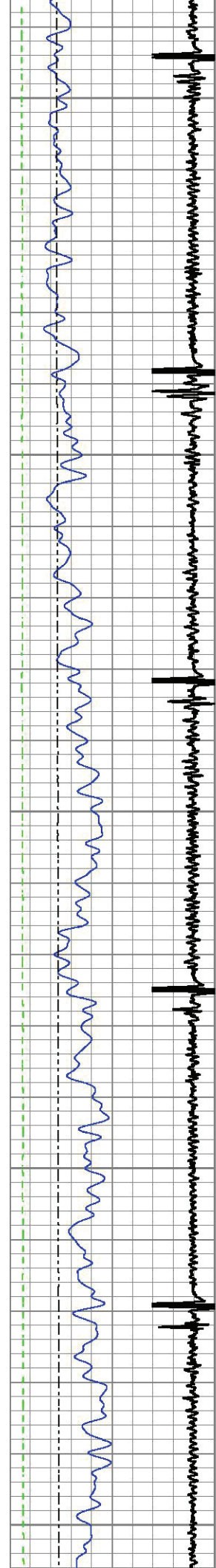






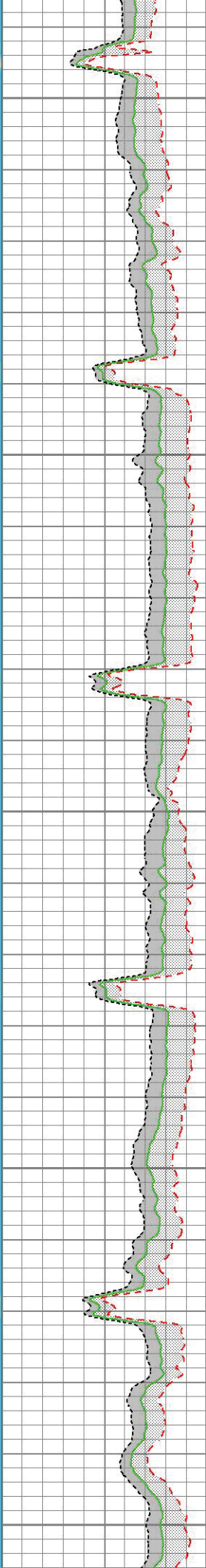
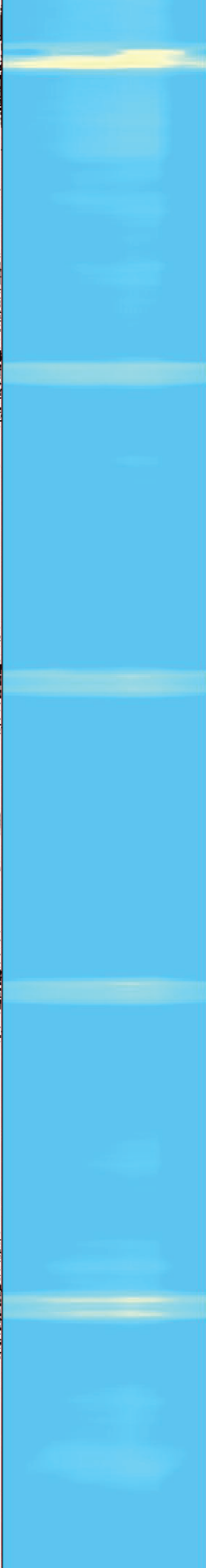
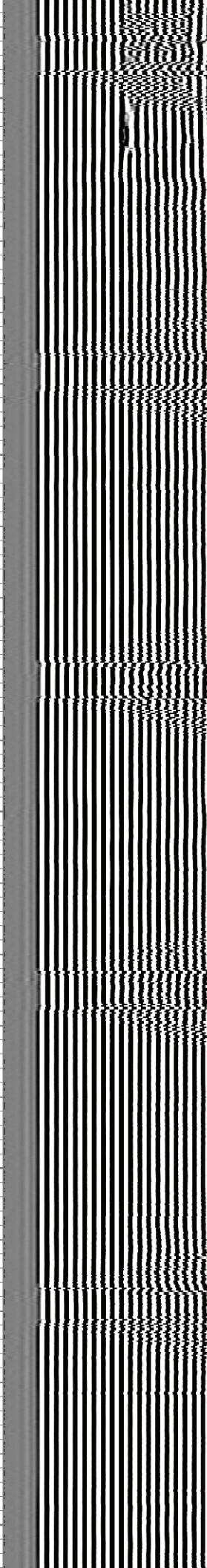


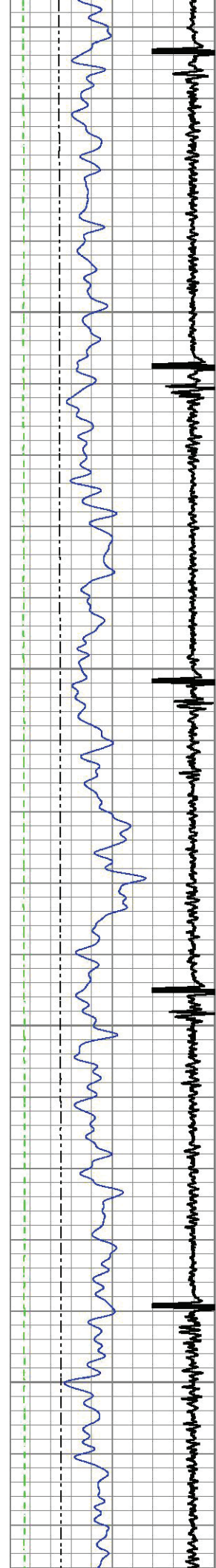




1100

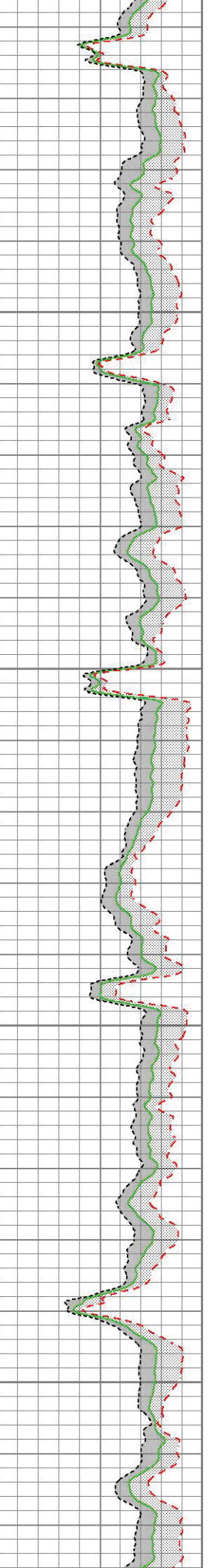
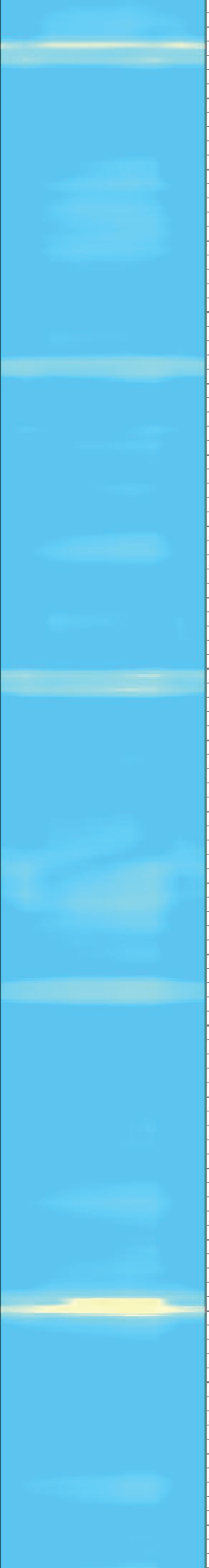
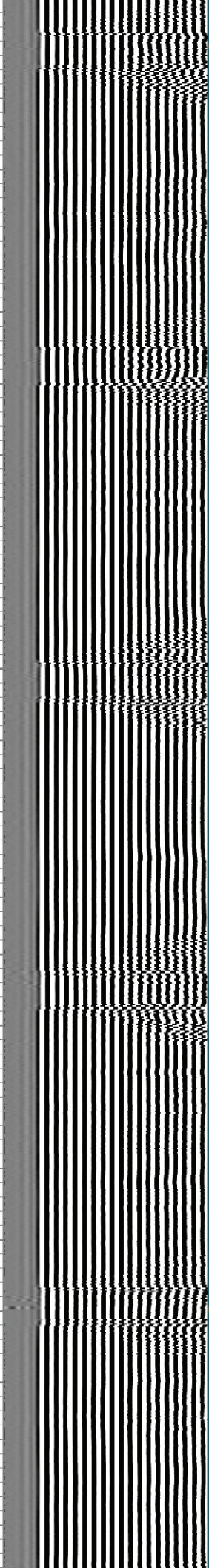
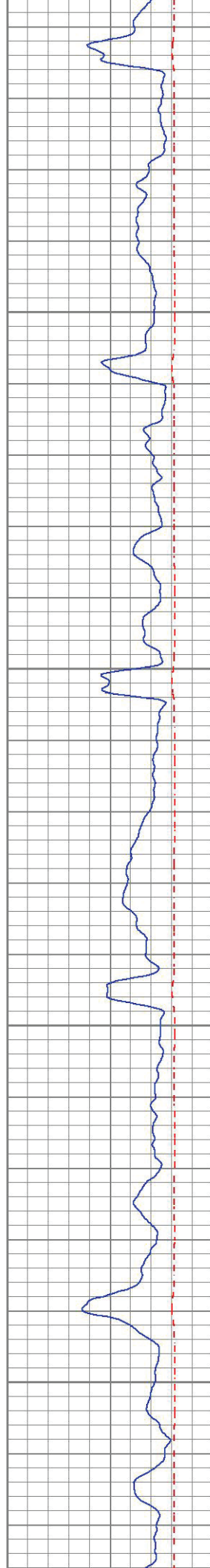
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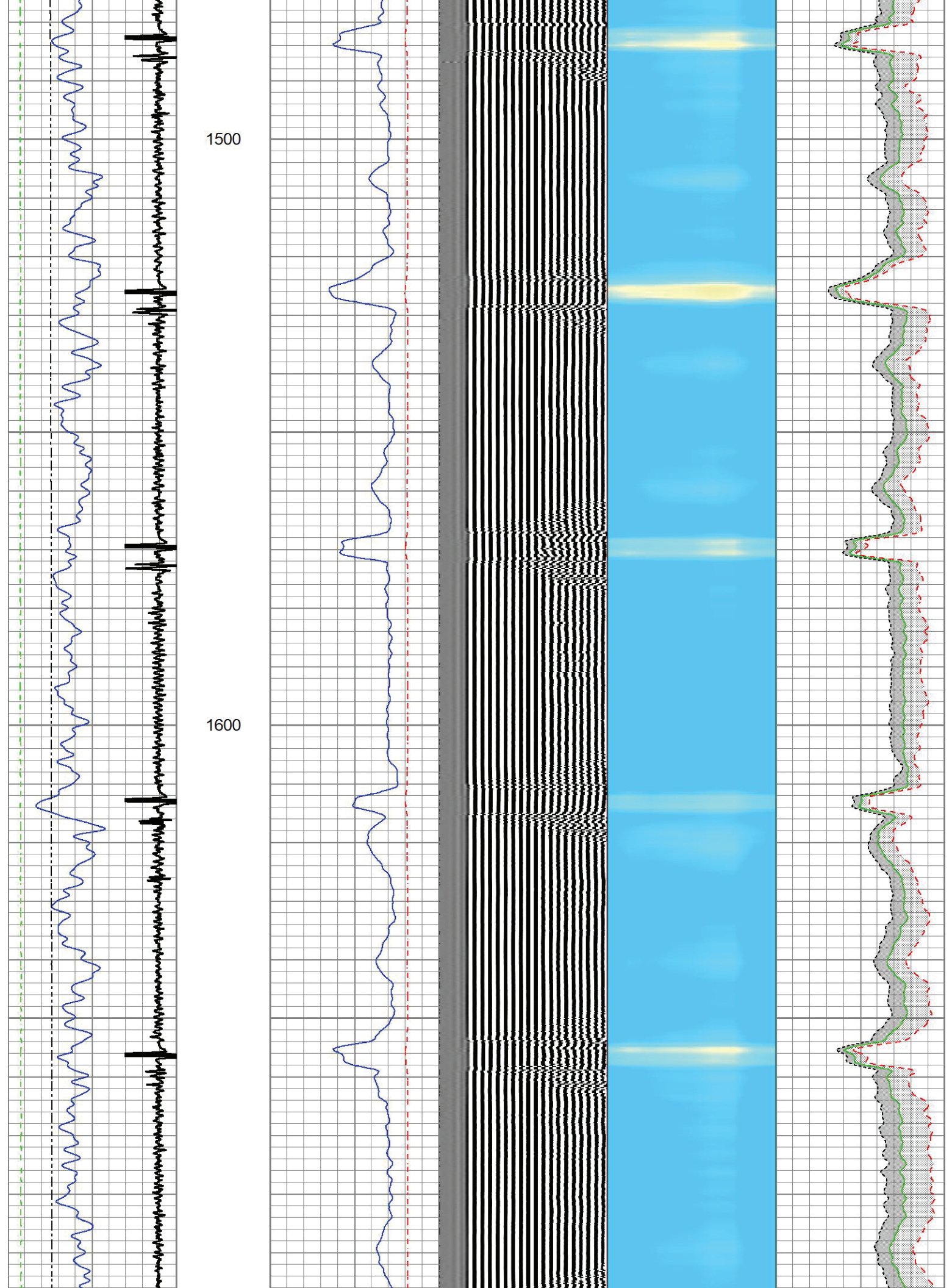


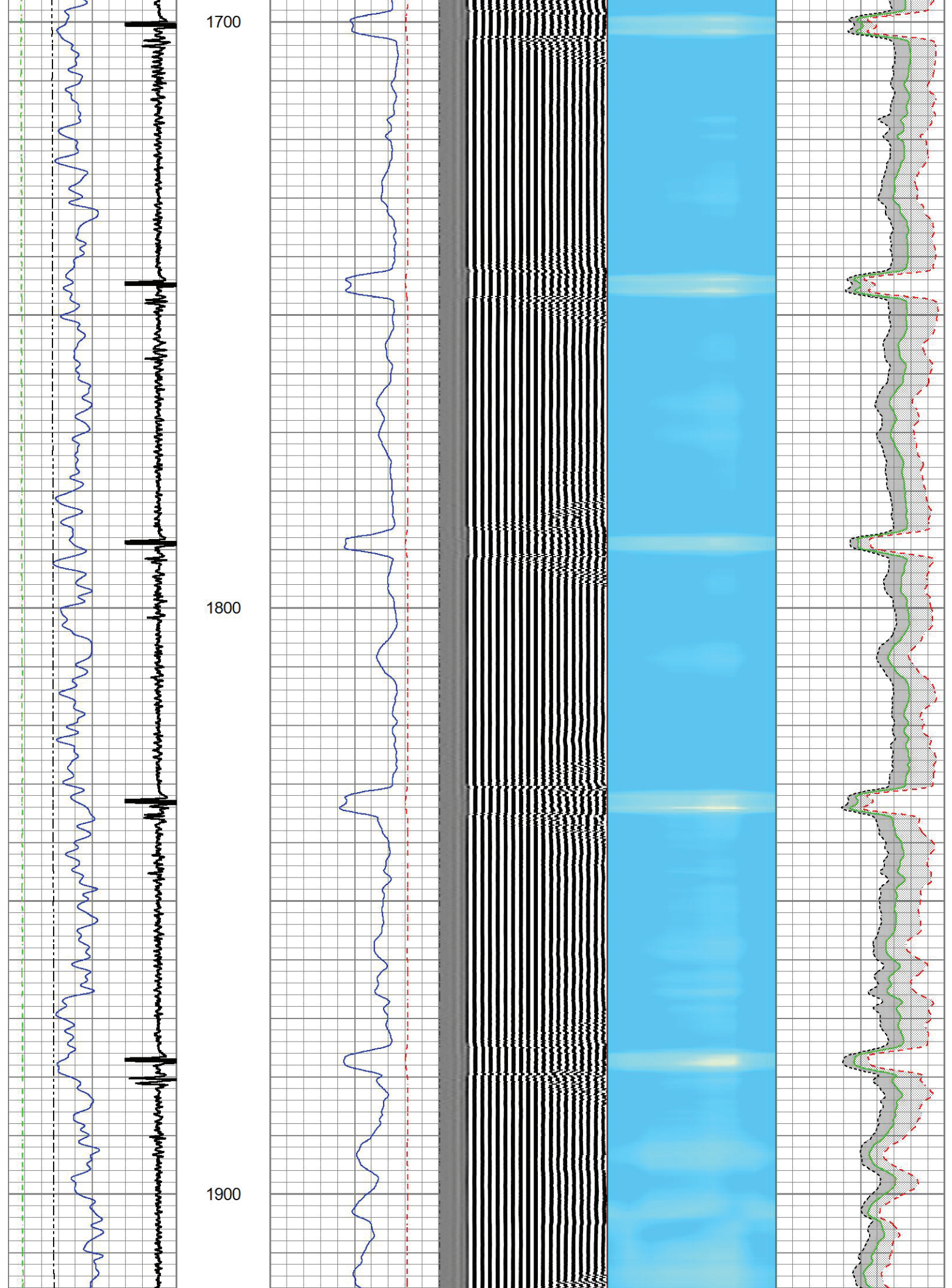


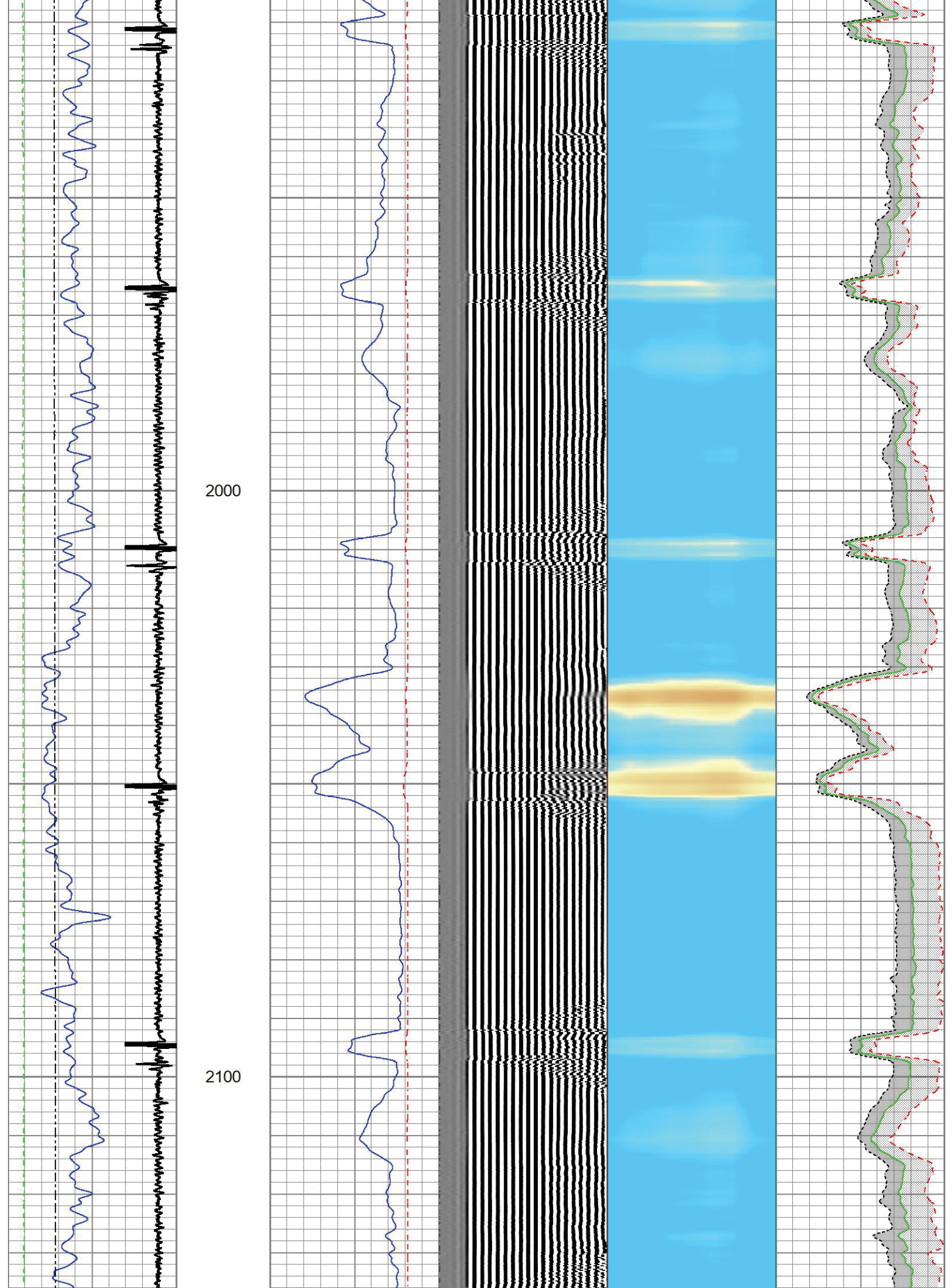
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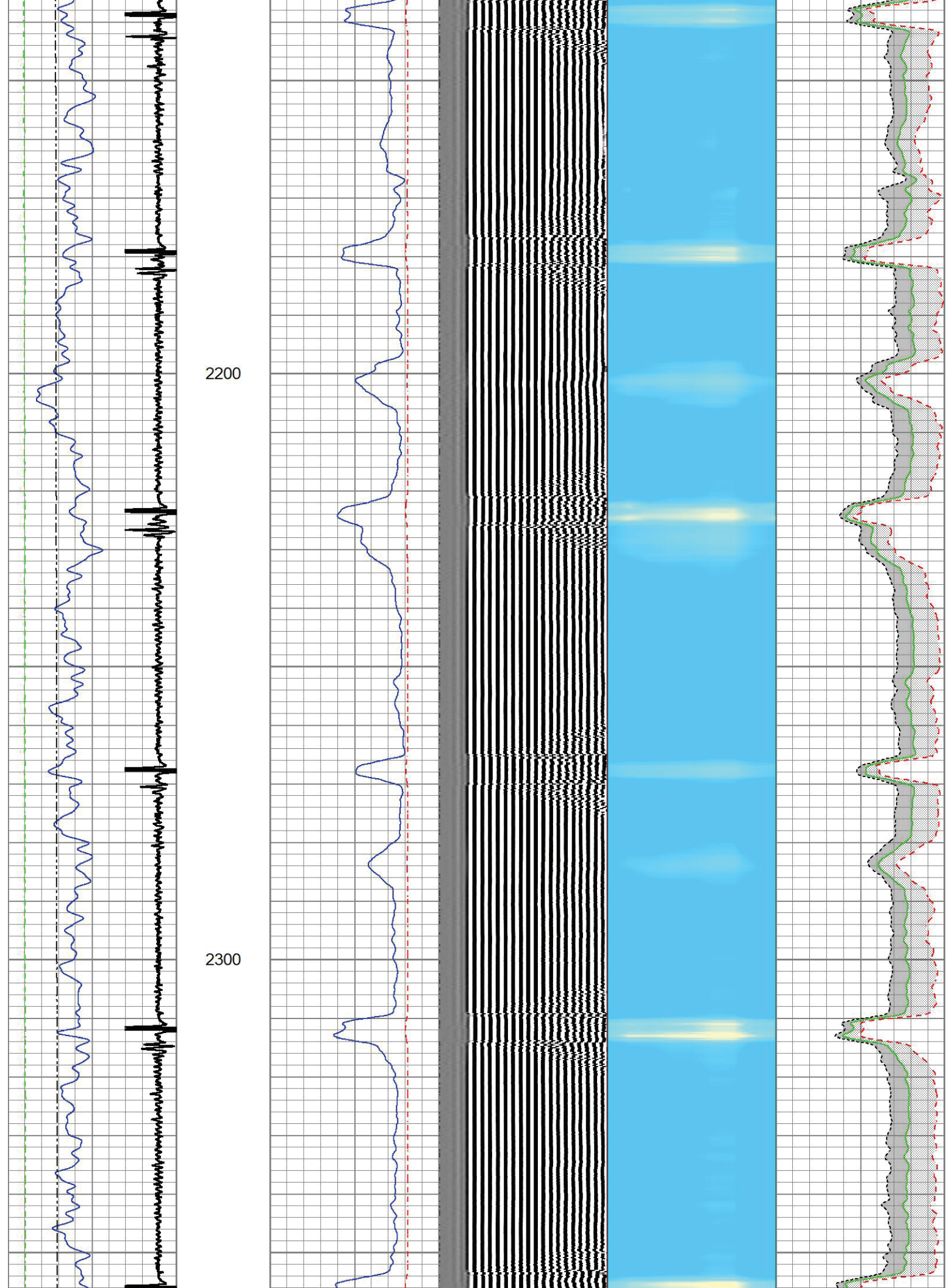
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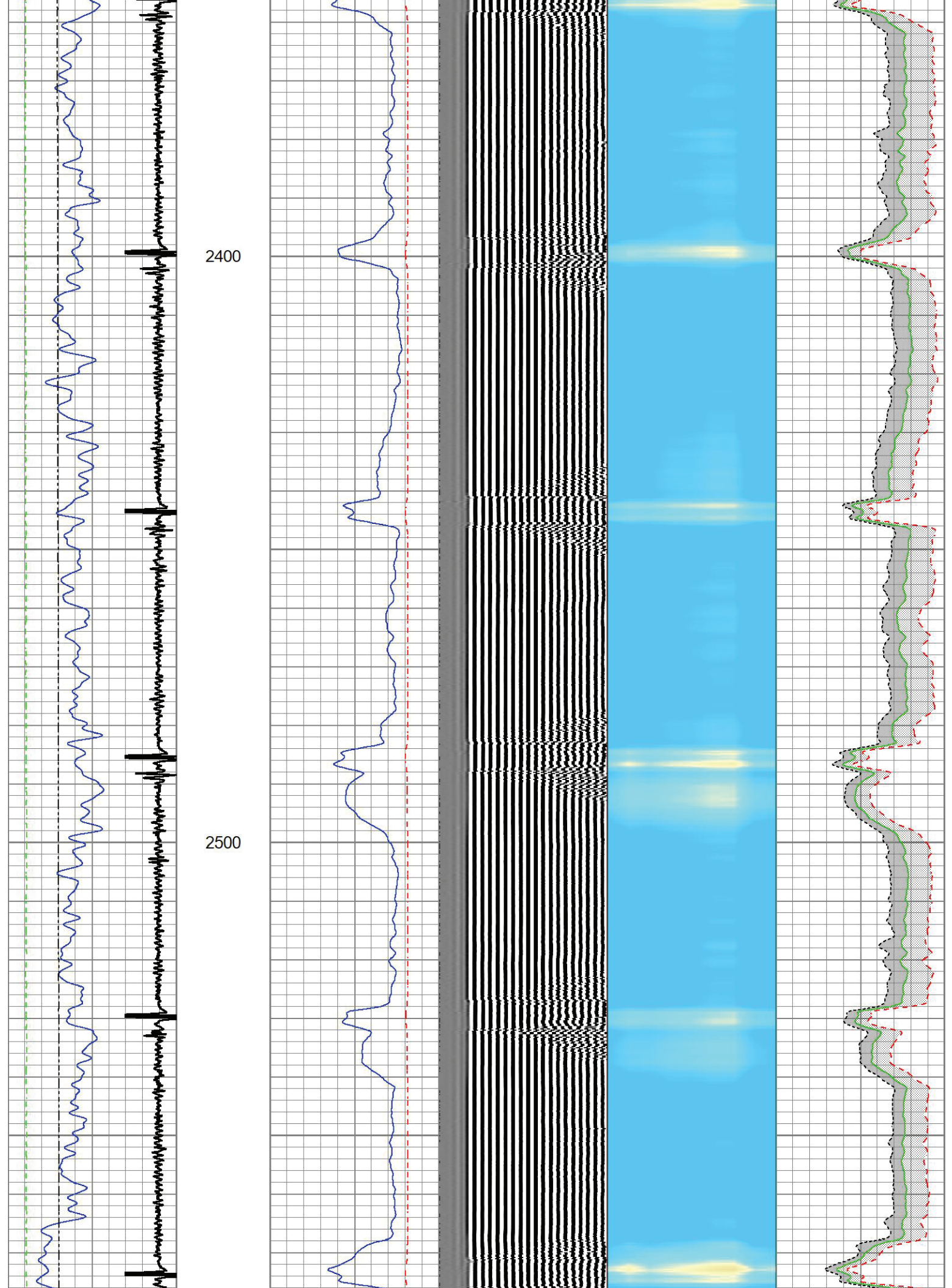






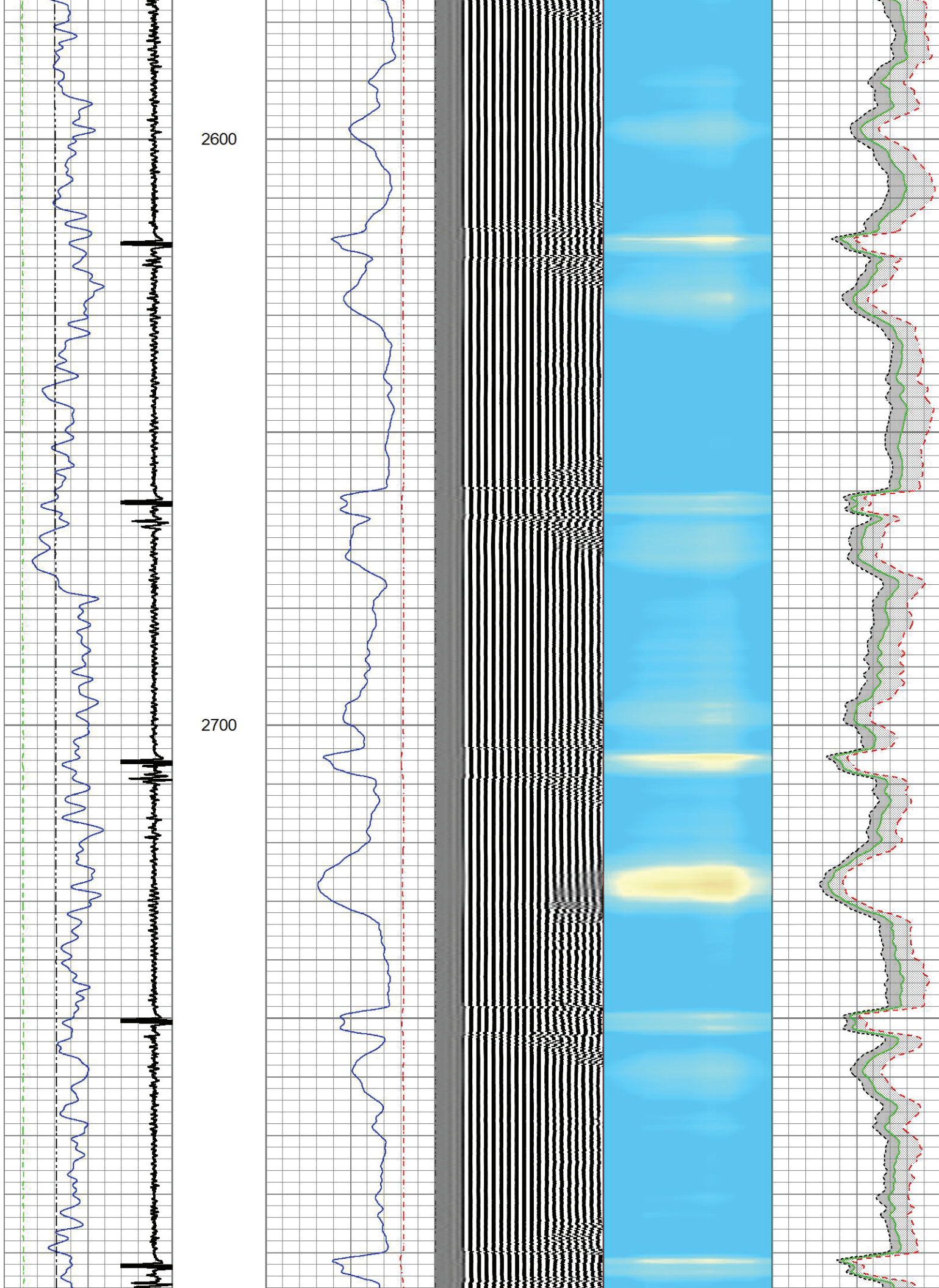


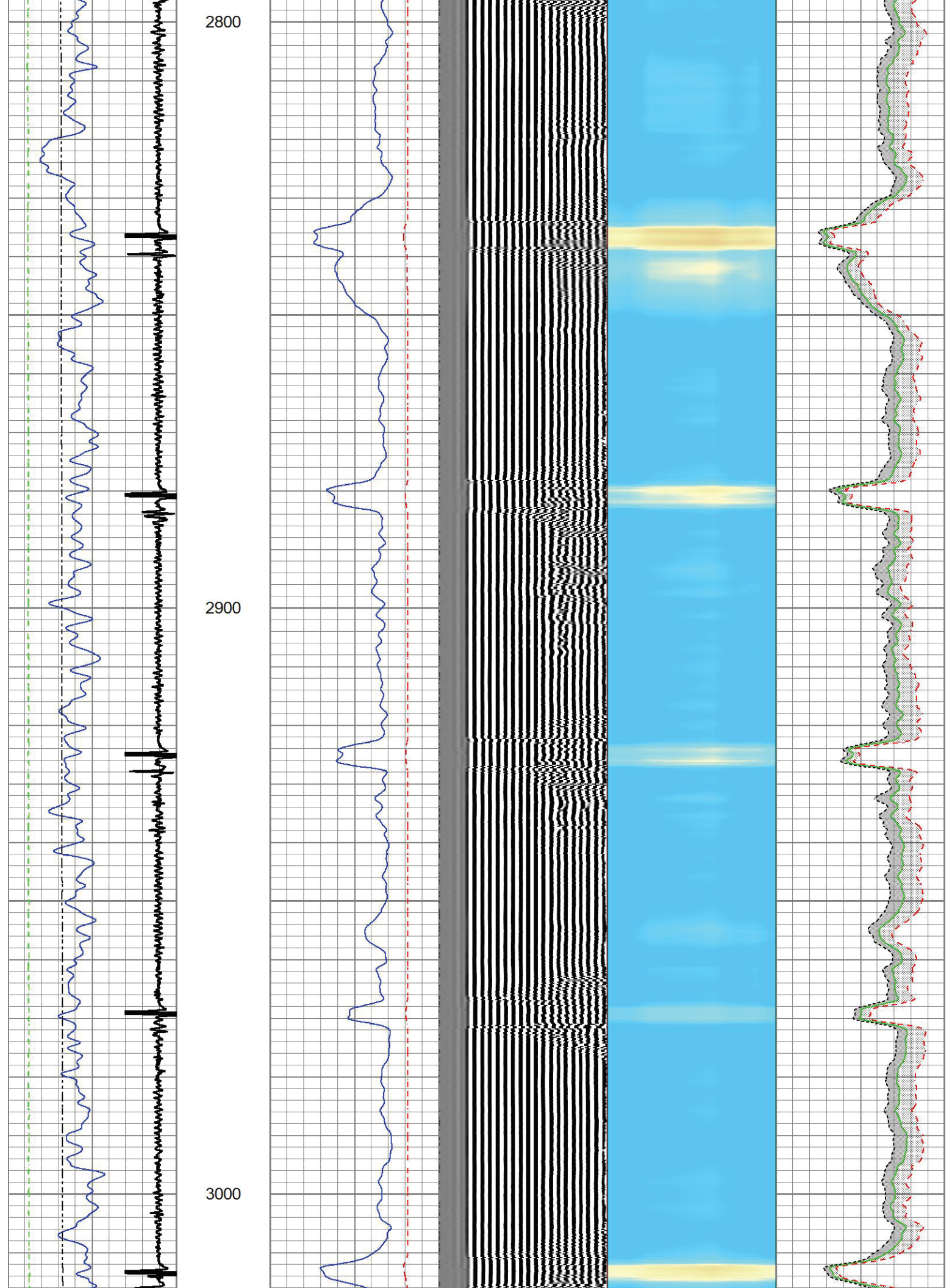


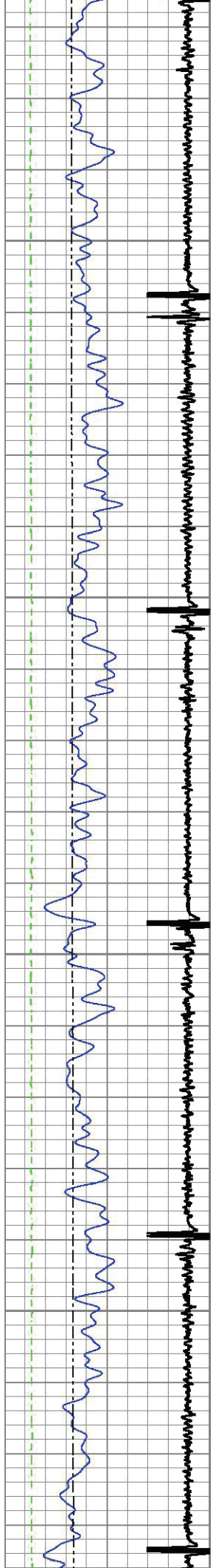


2600

2700

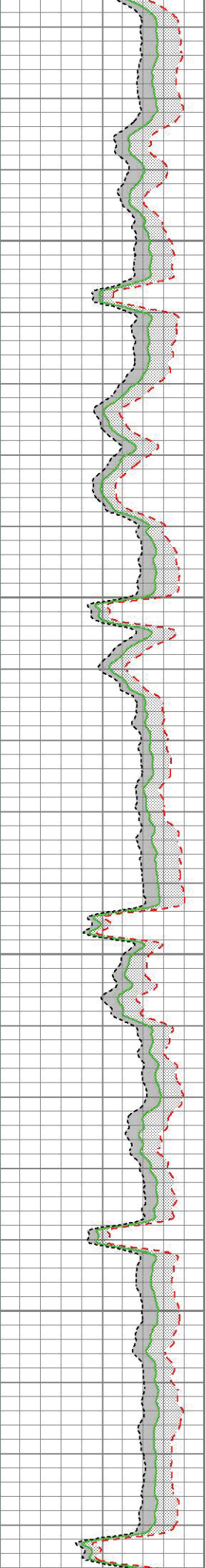
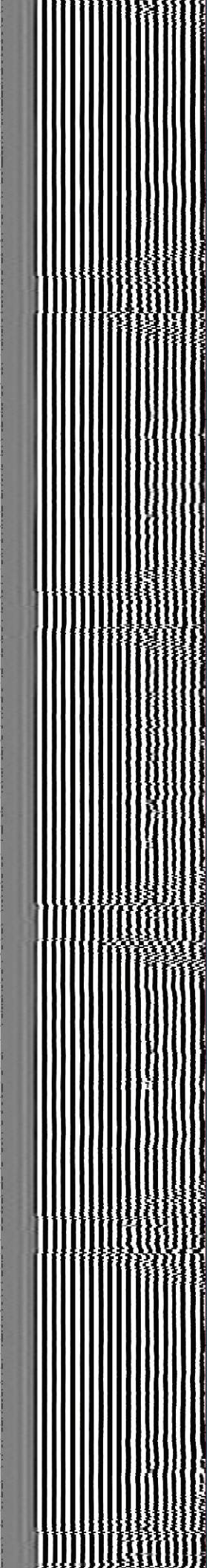
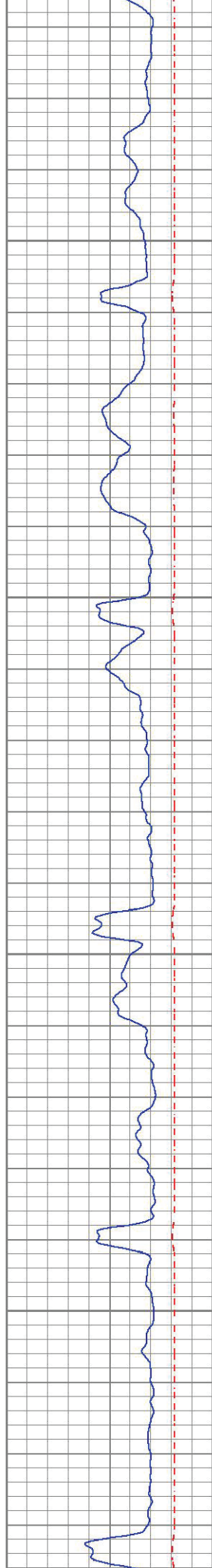


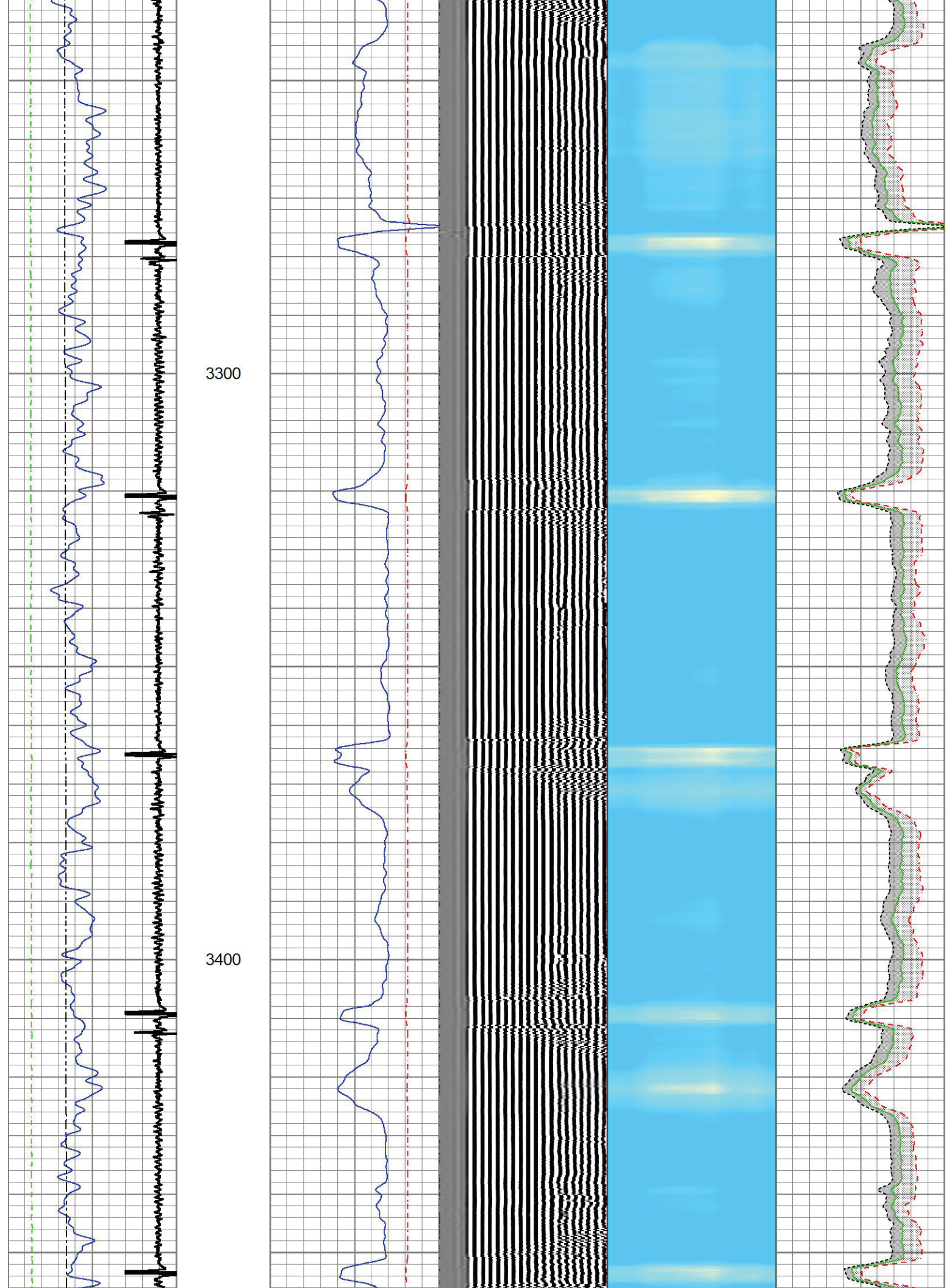


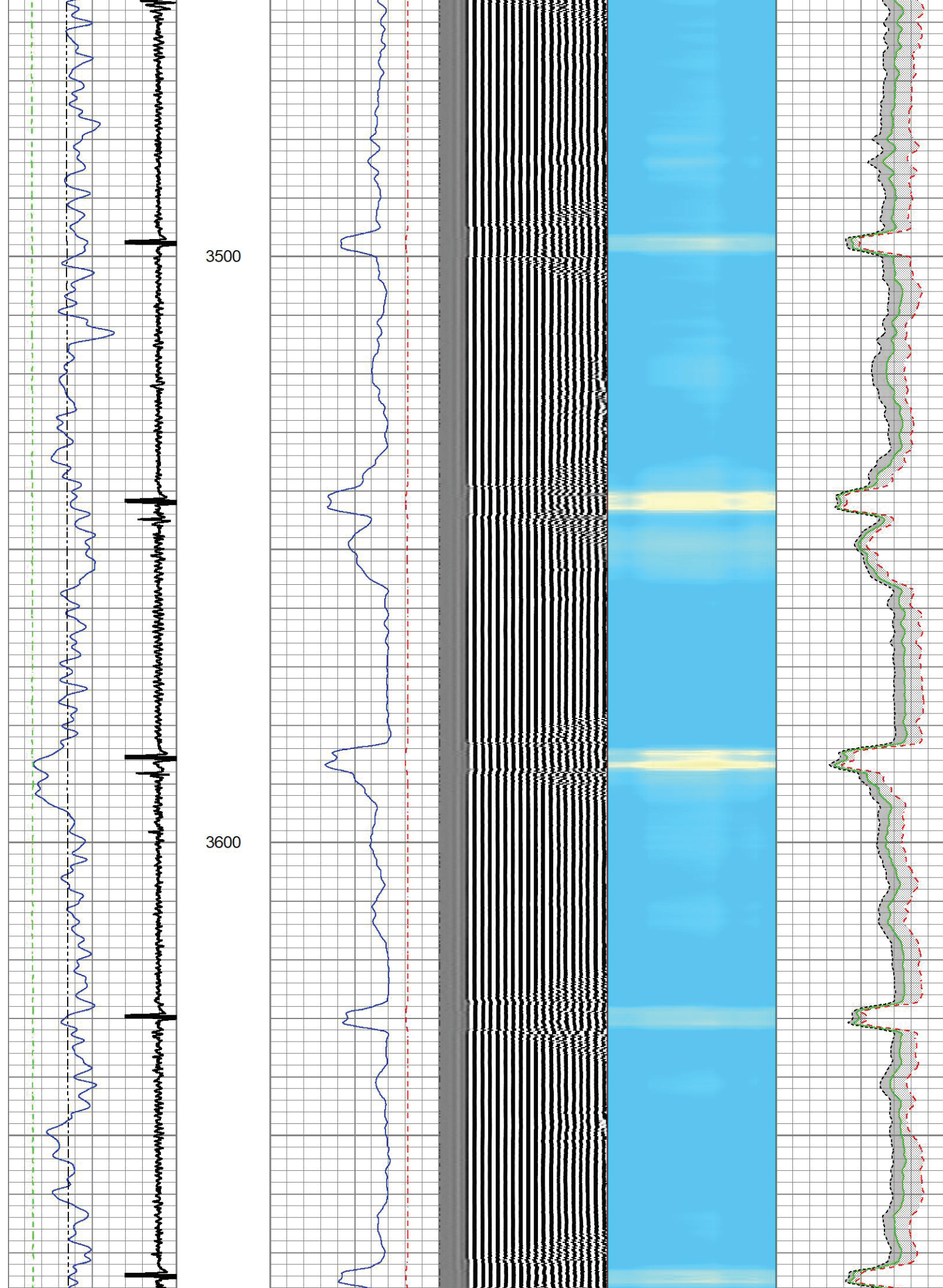


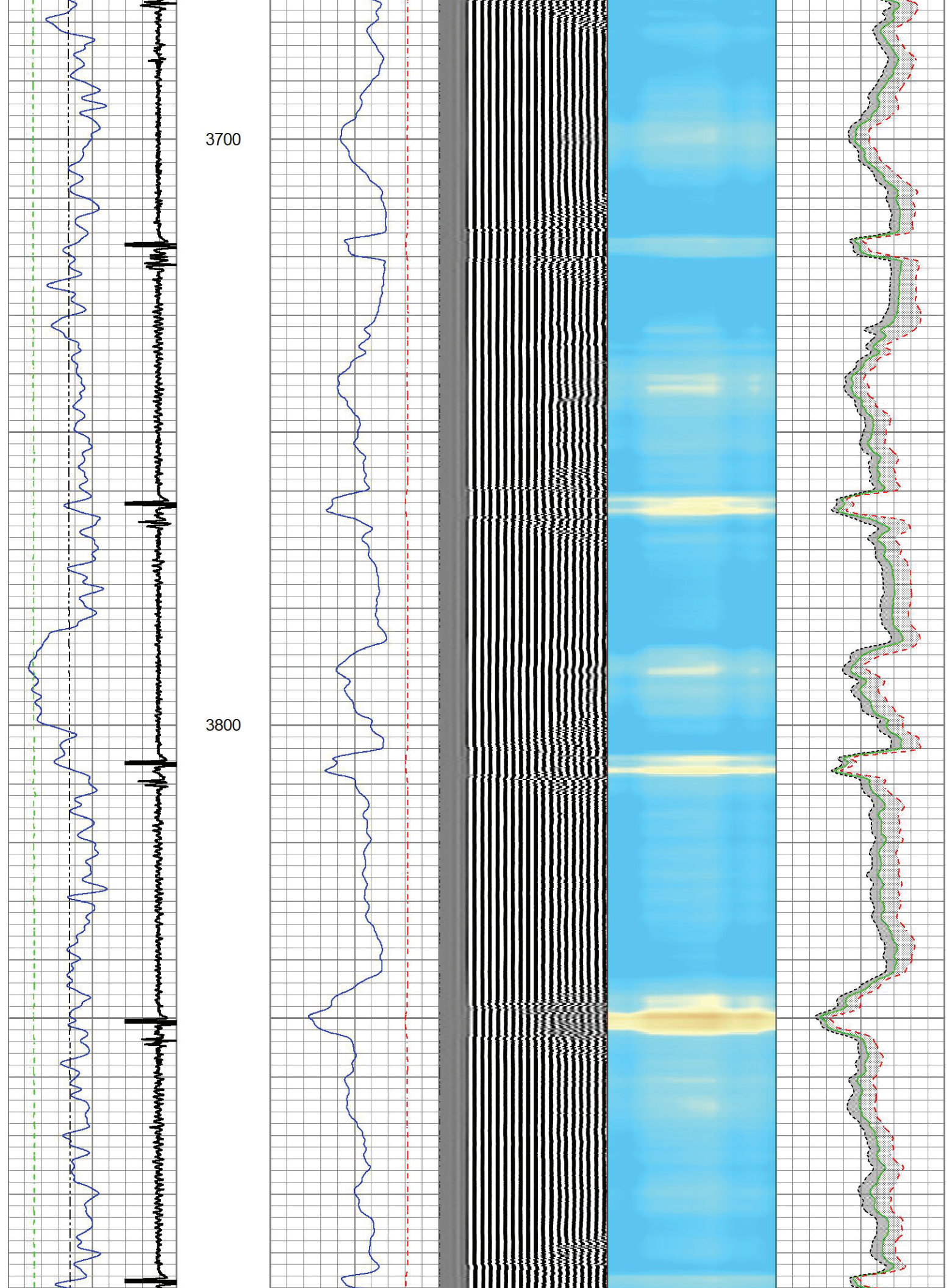
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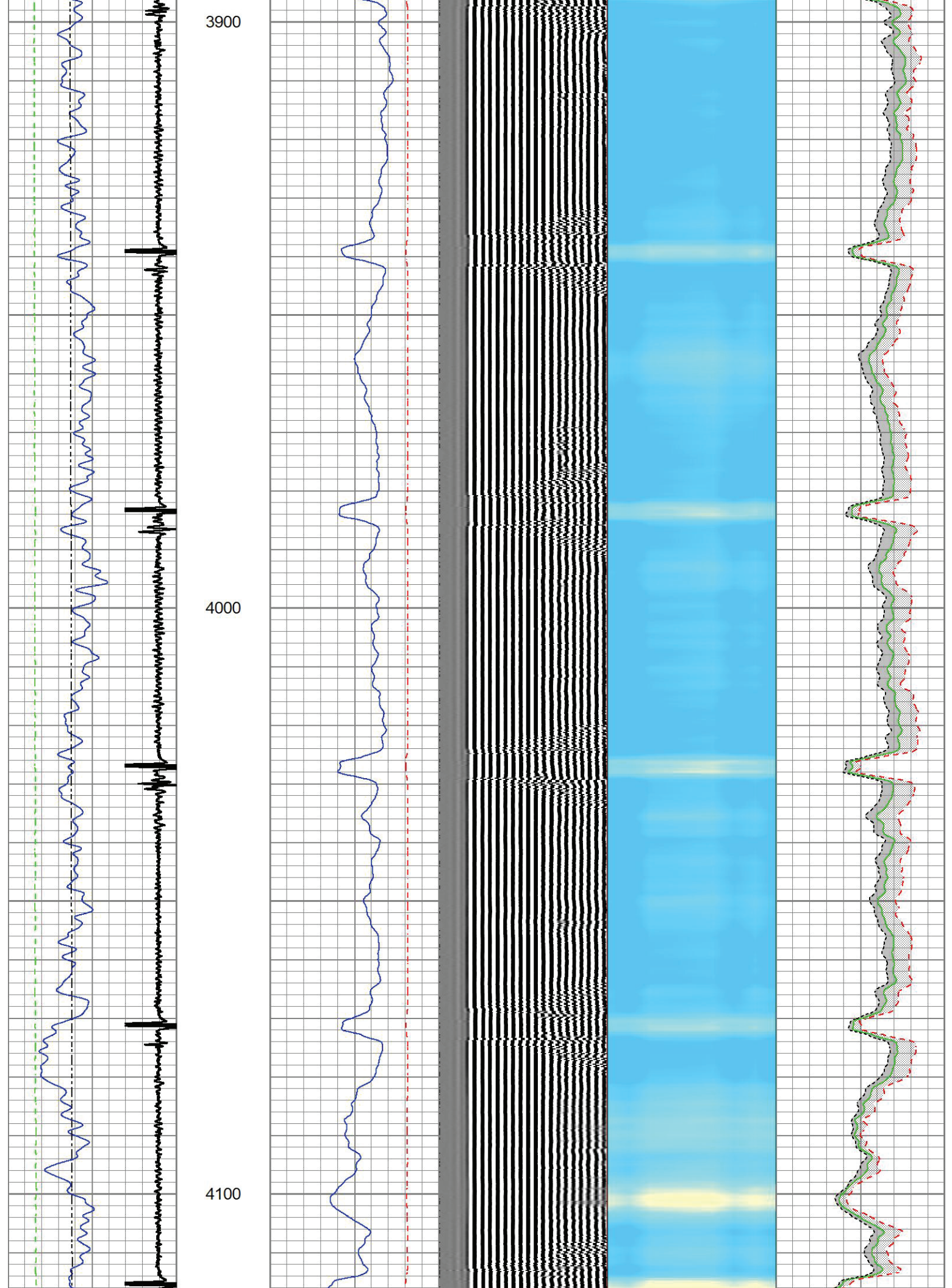
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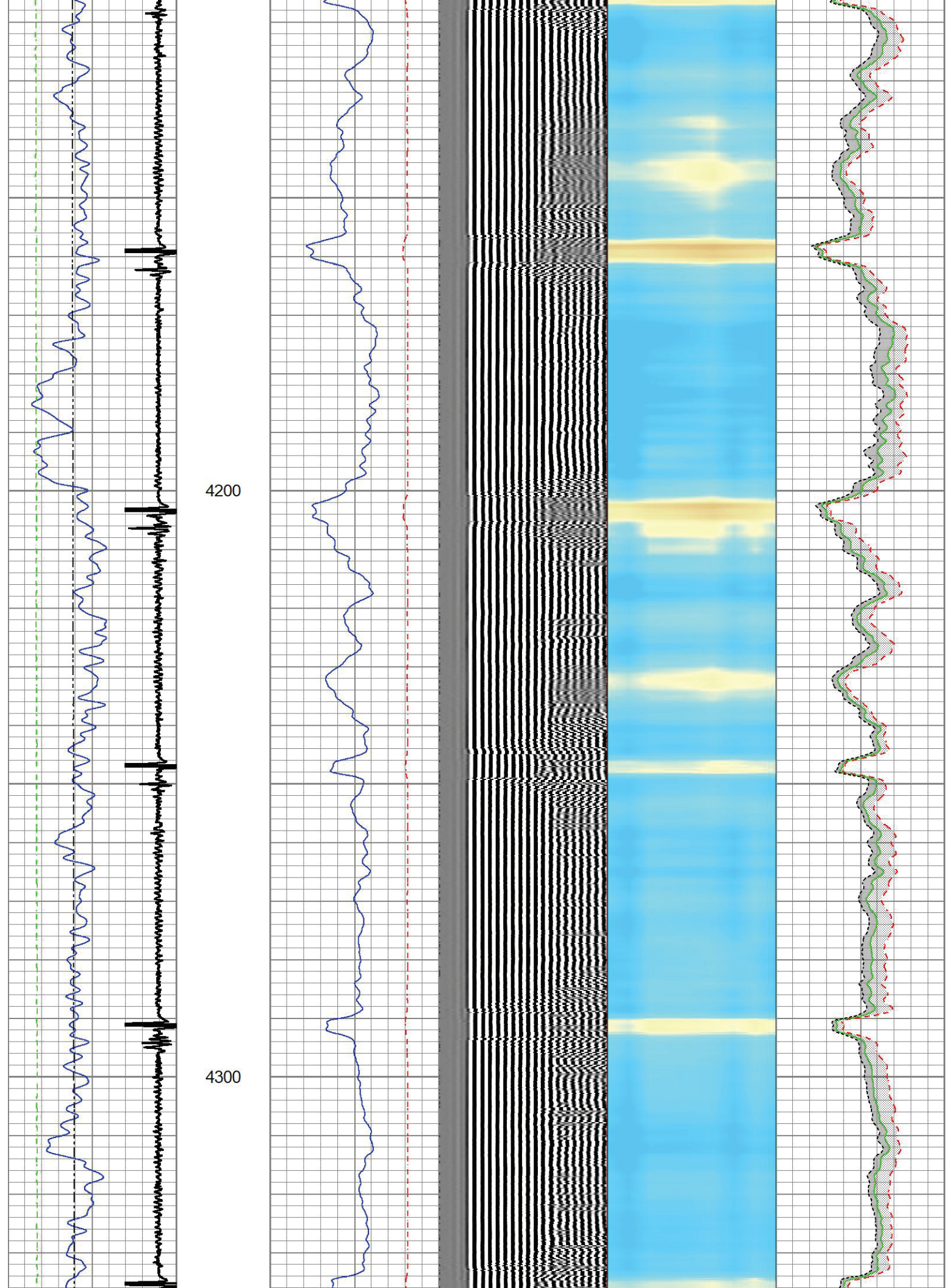


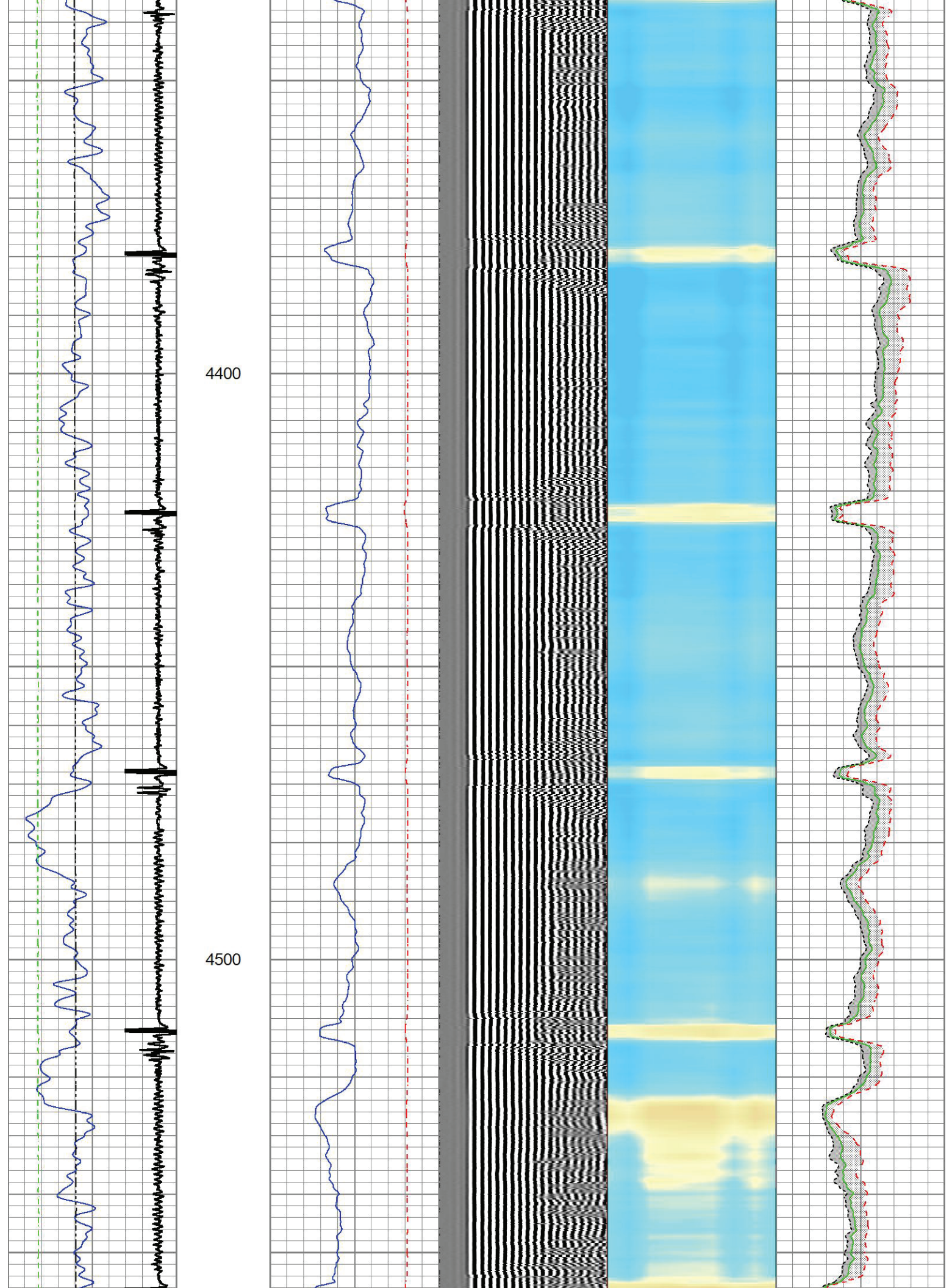


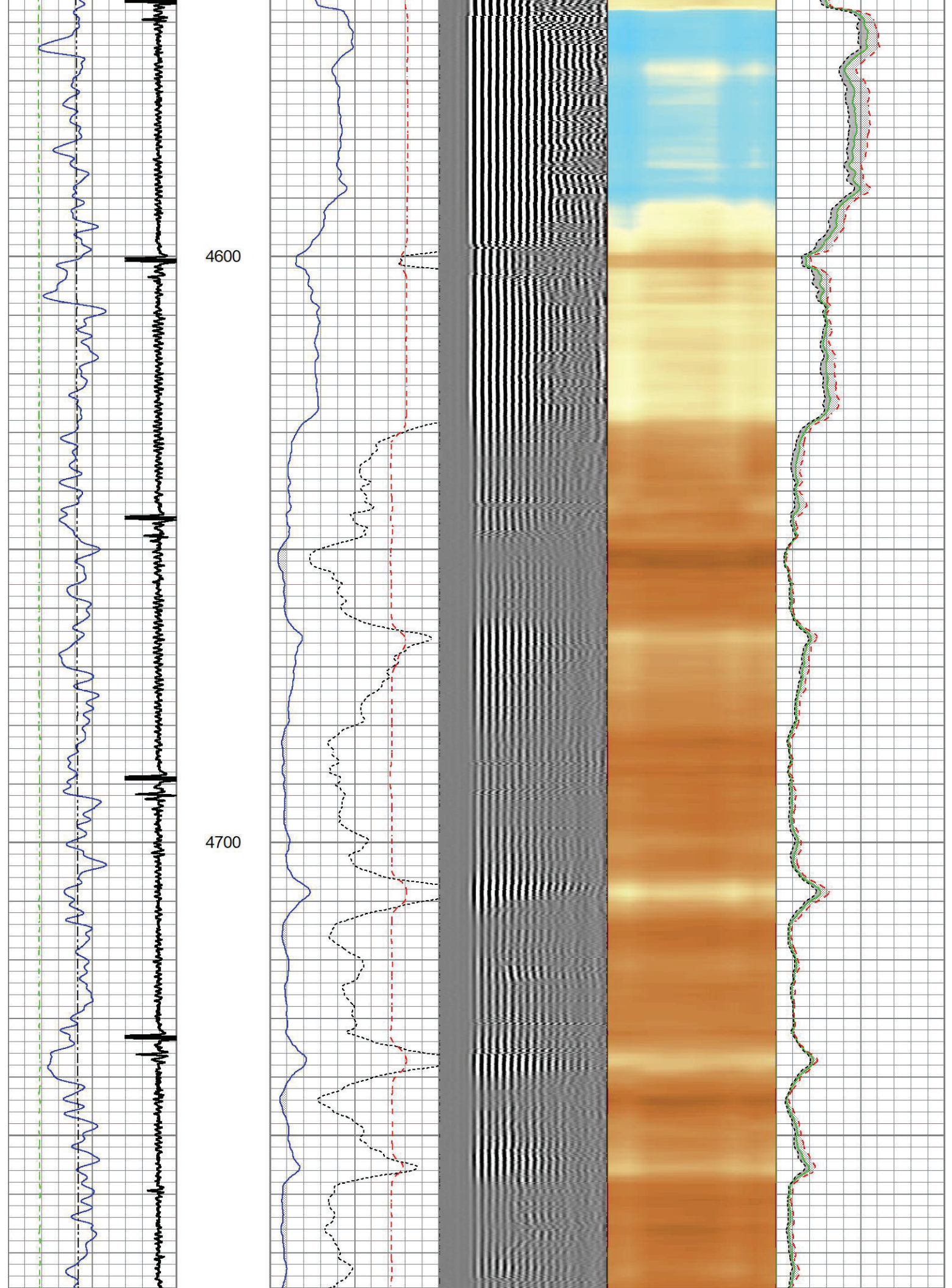






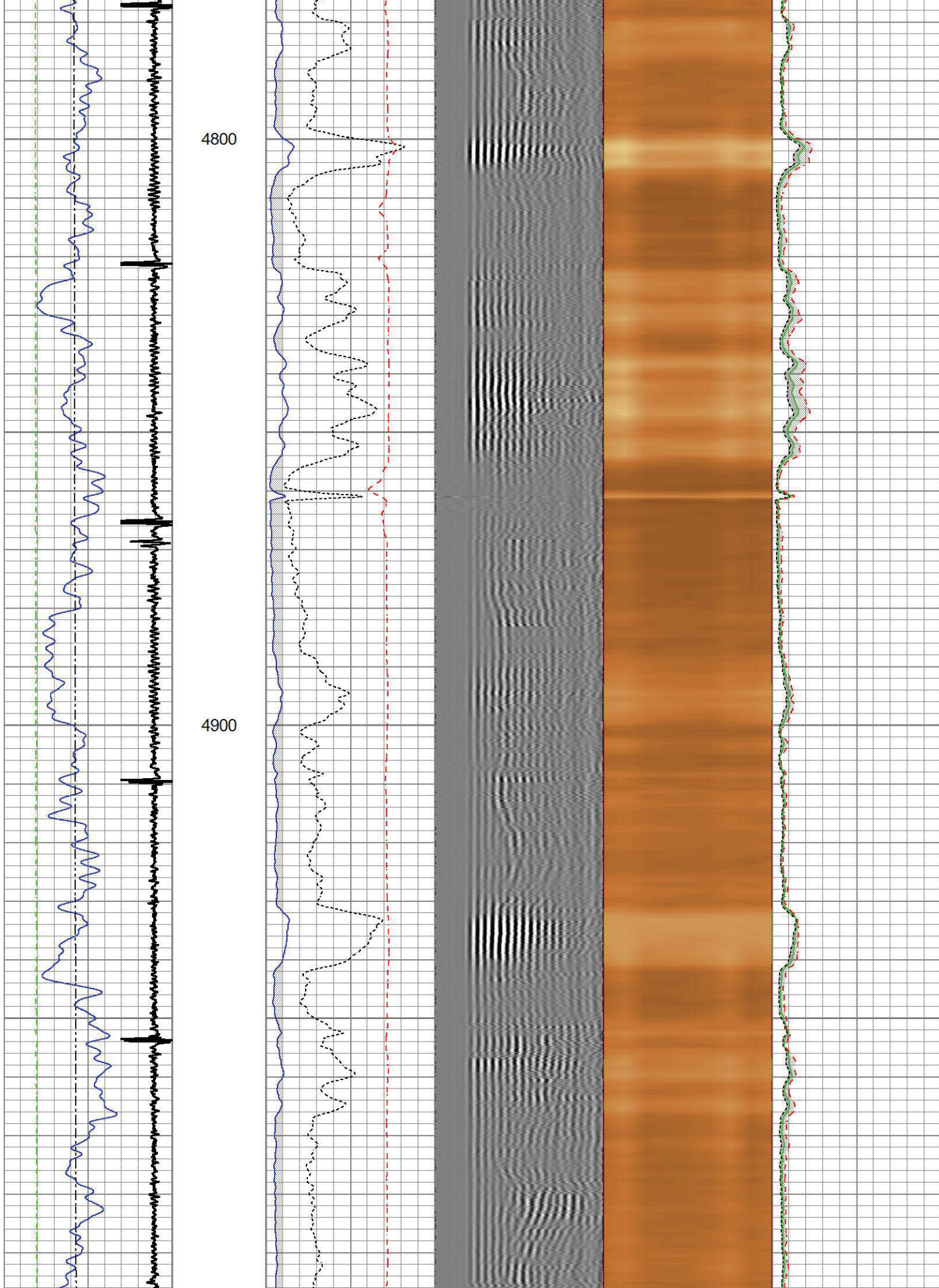


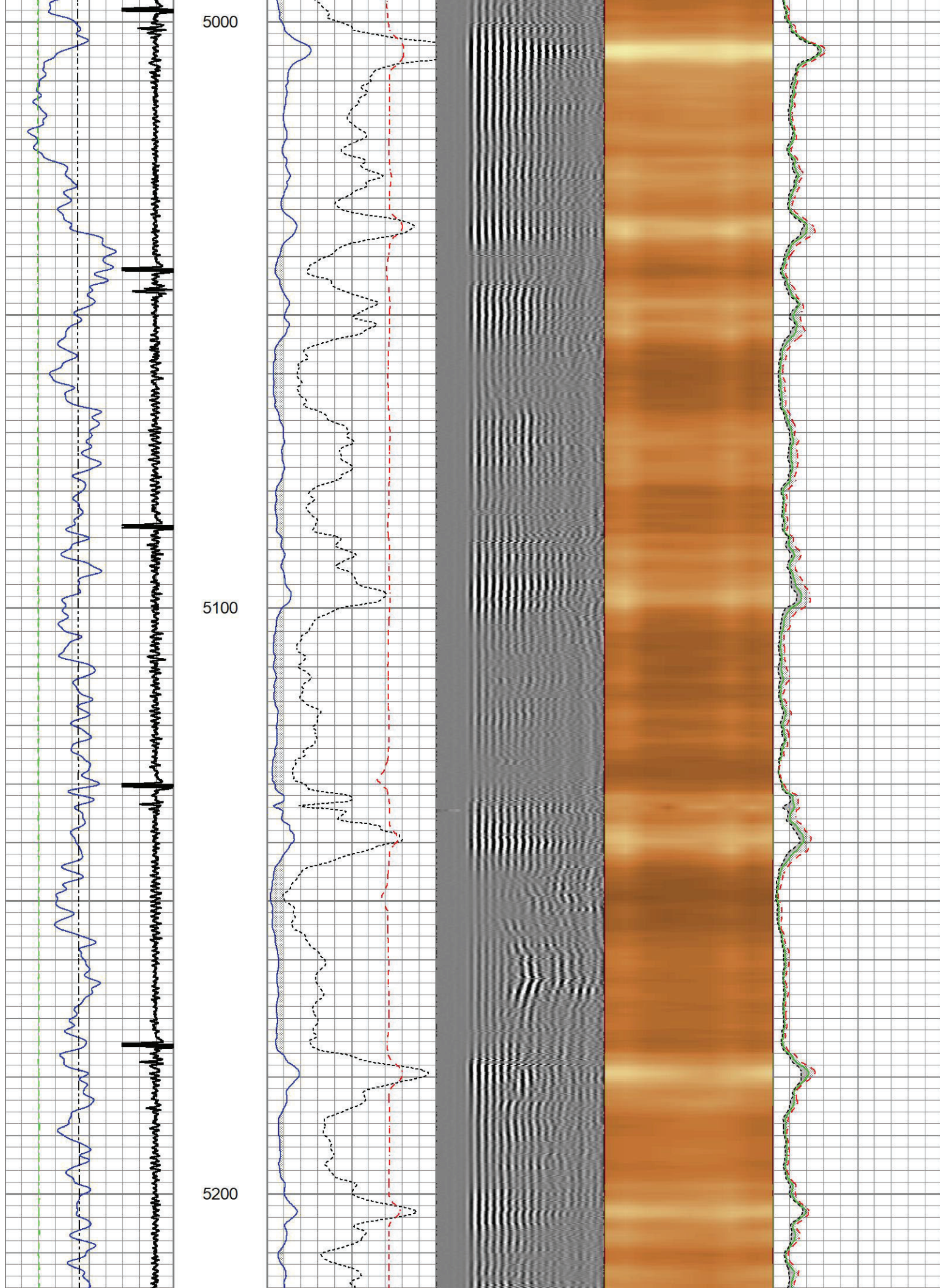




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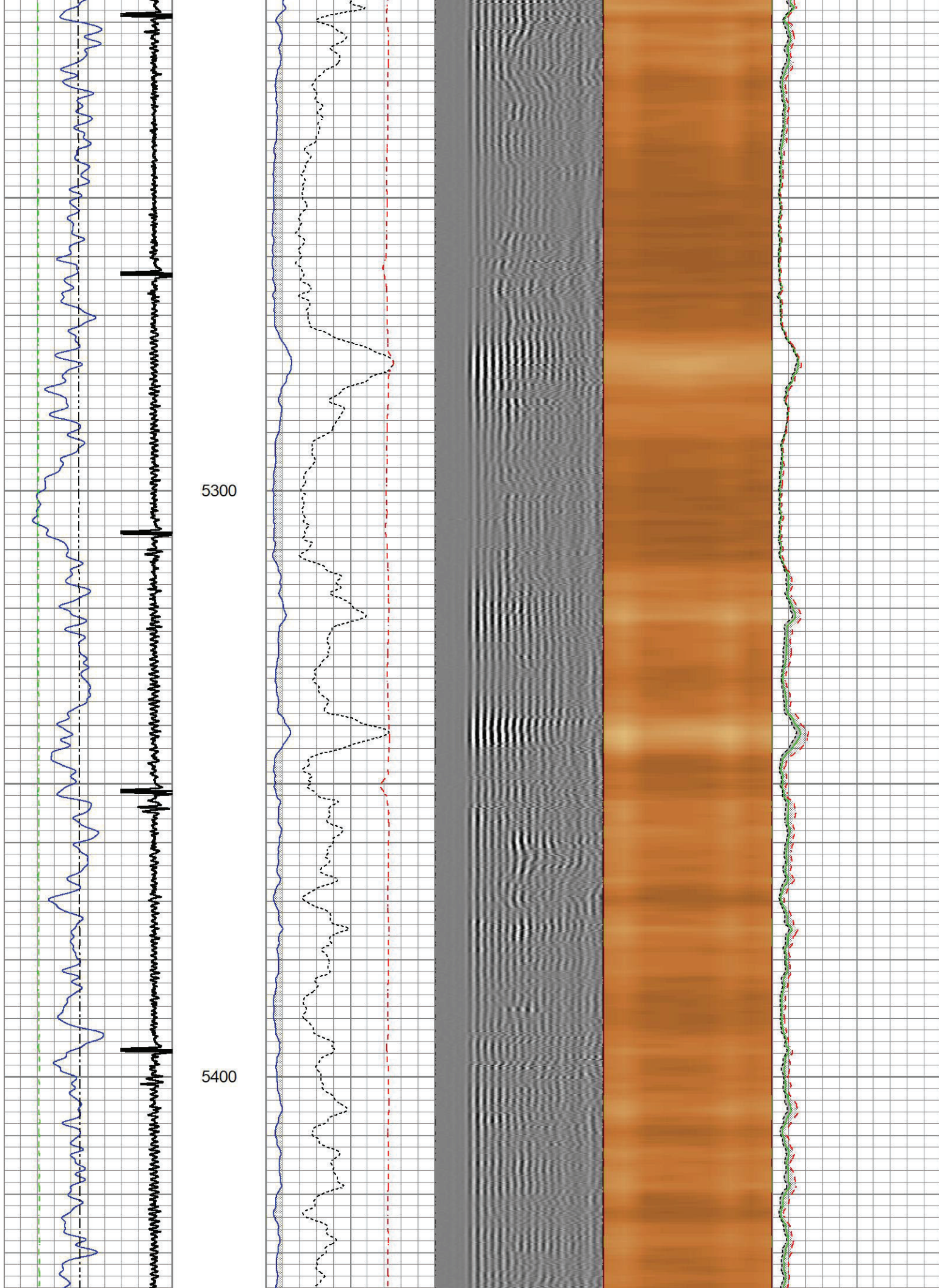
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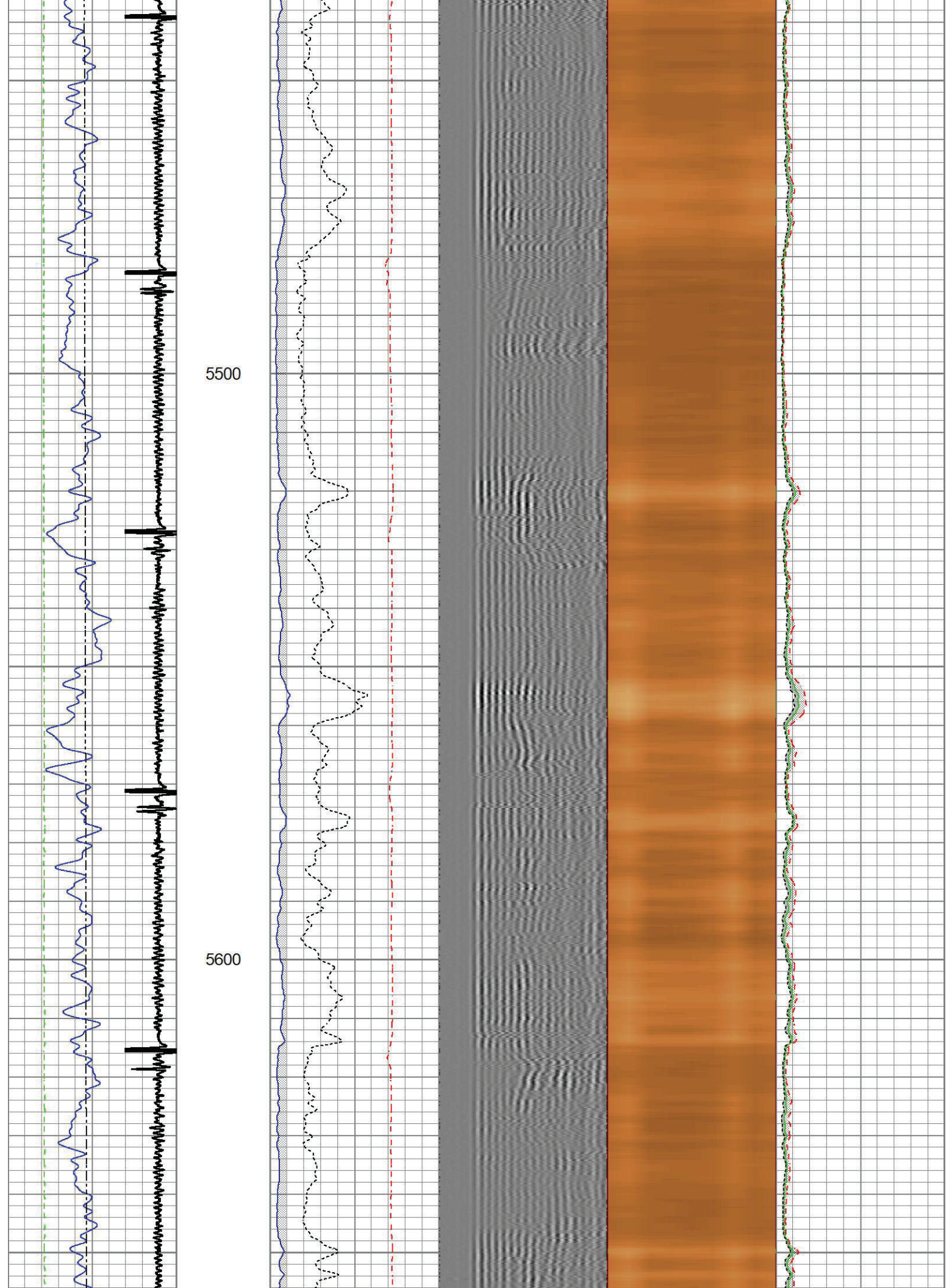


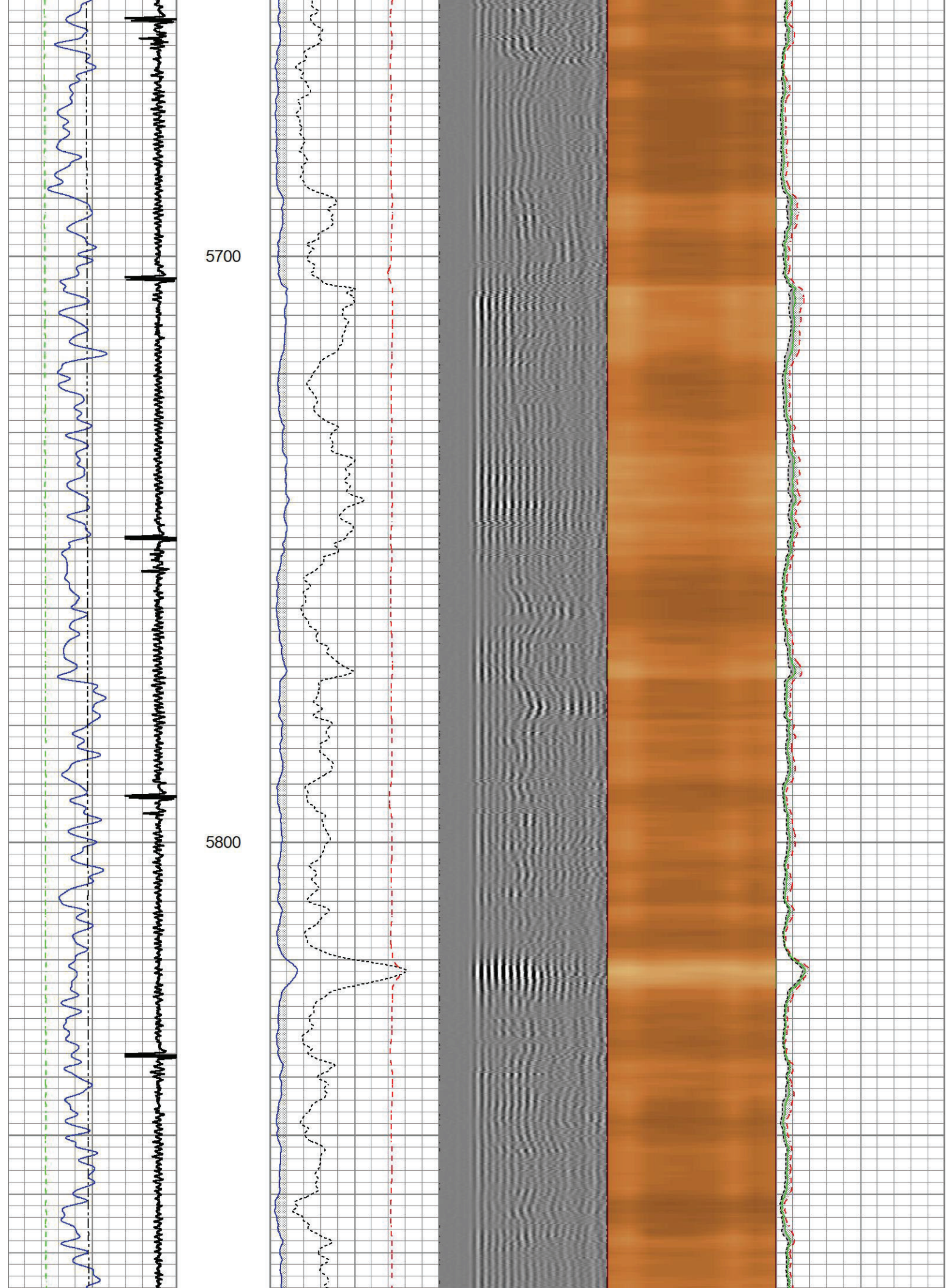


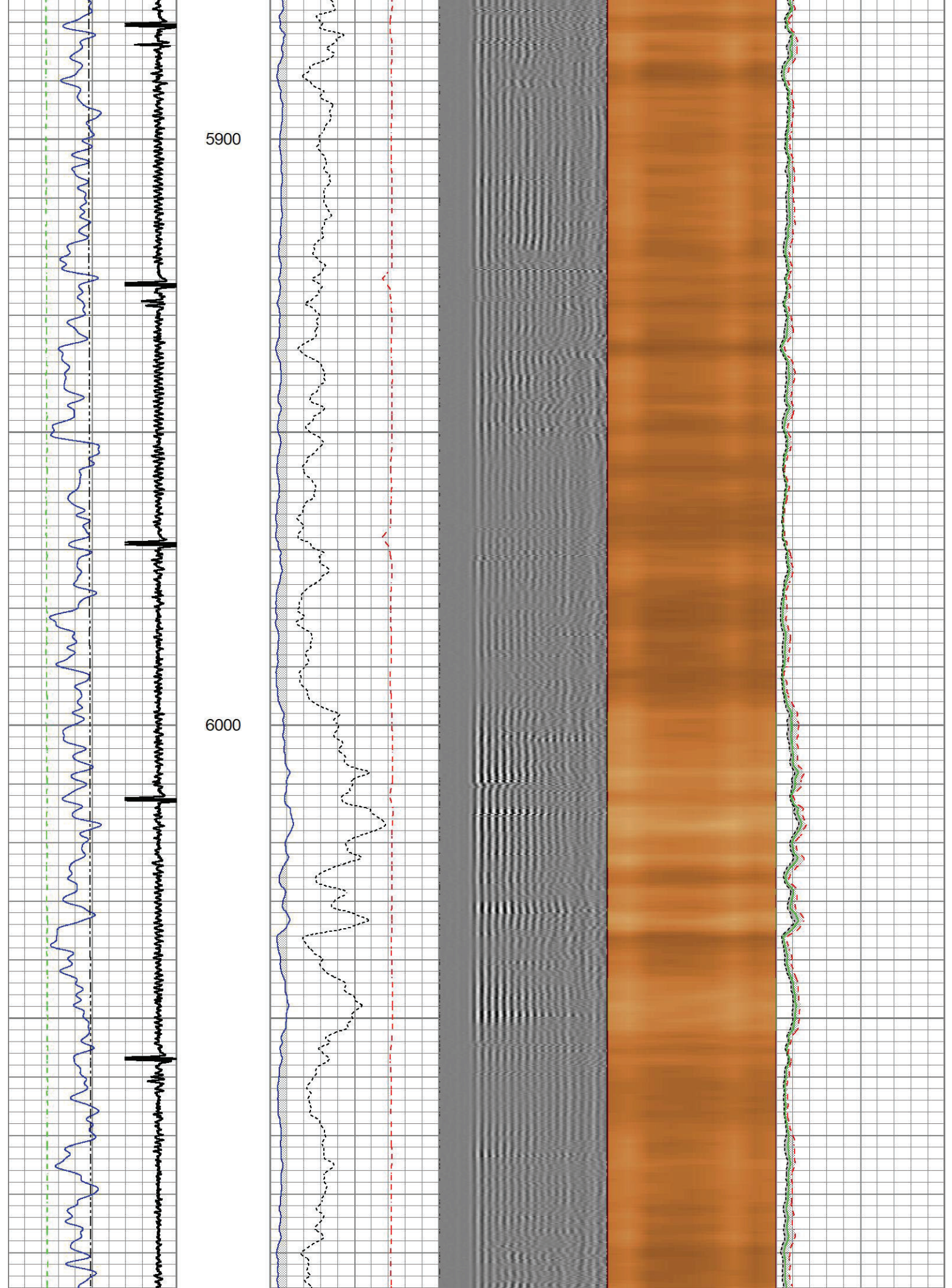
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5400





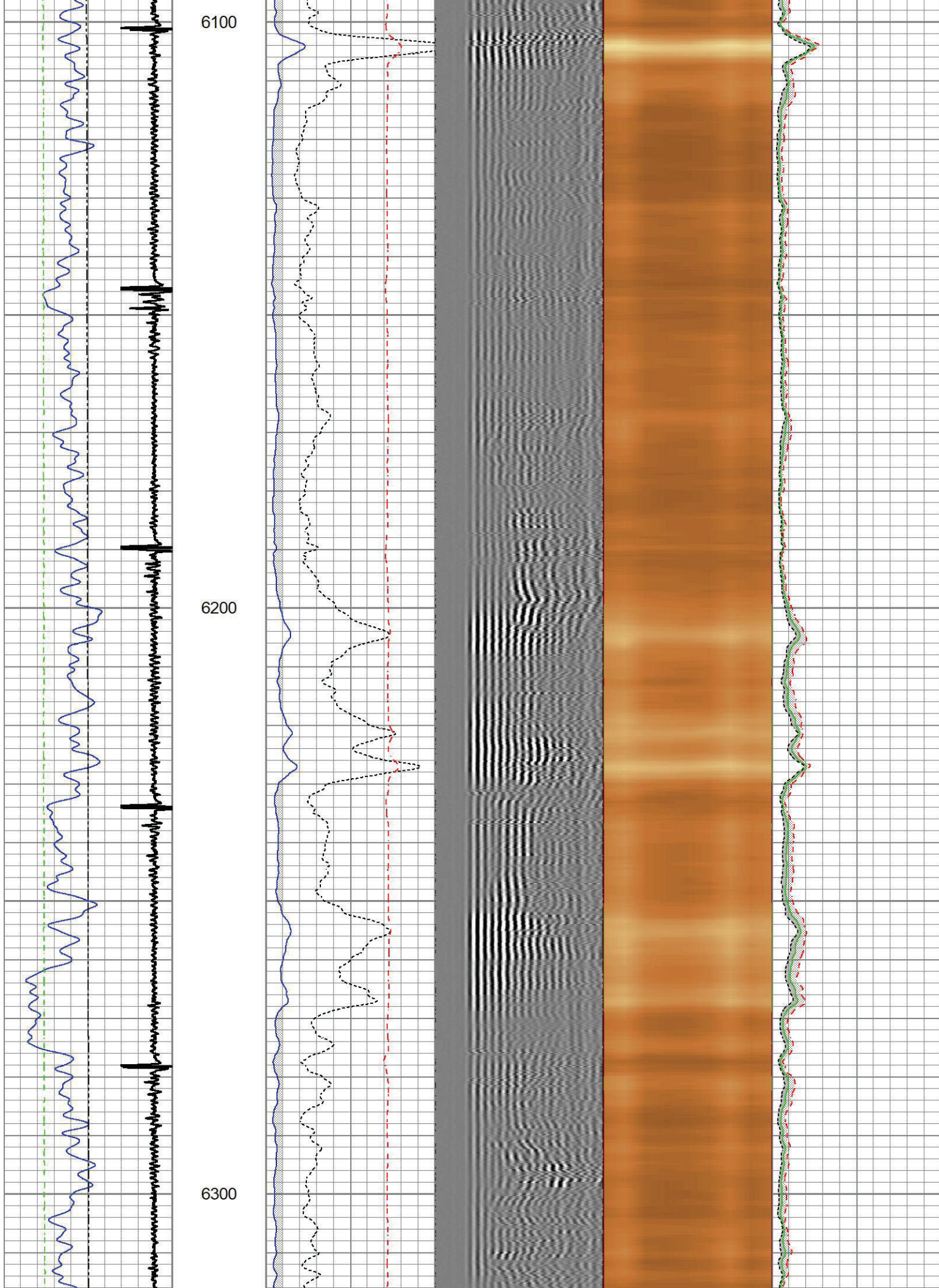


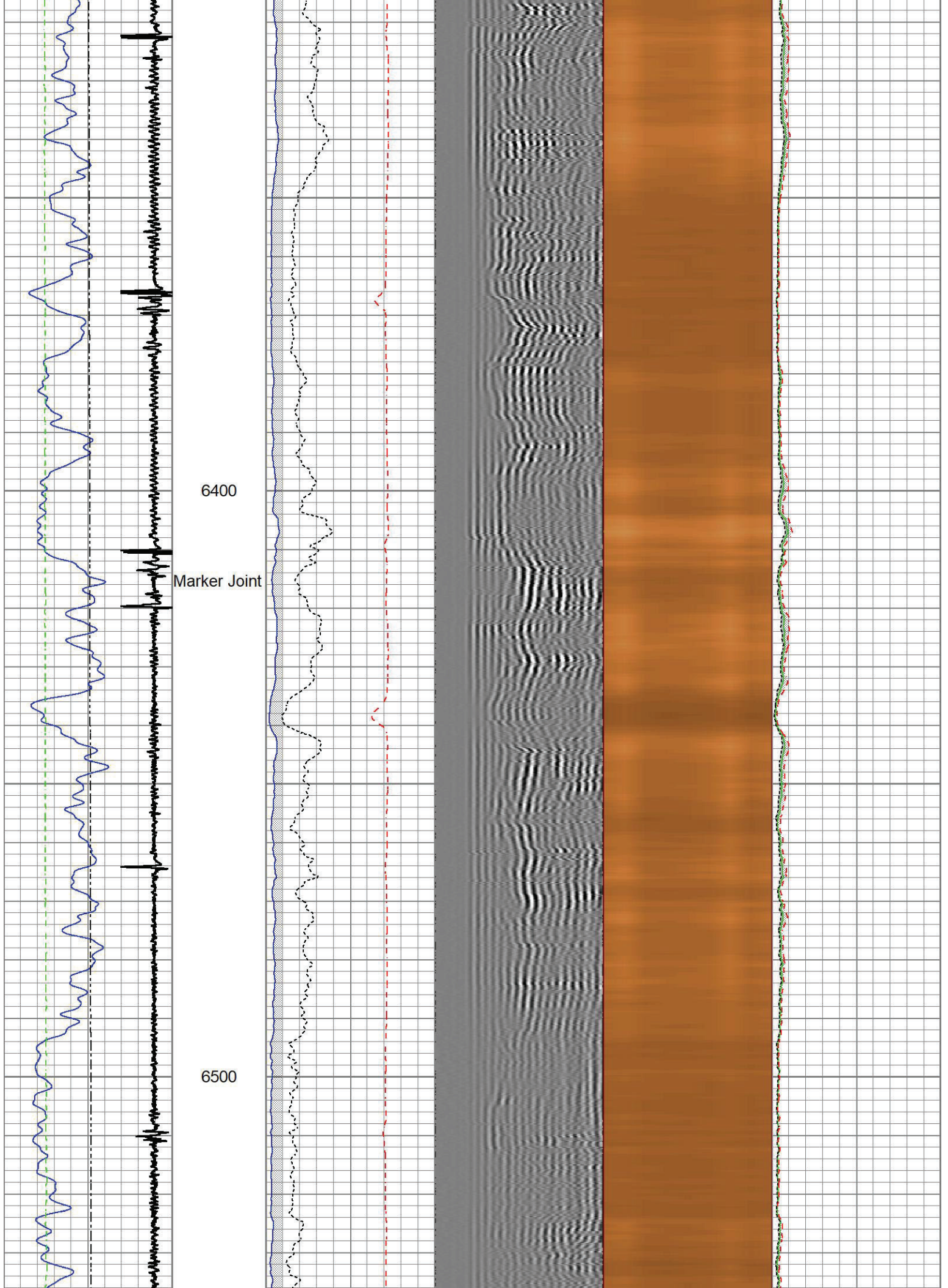


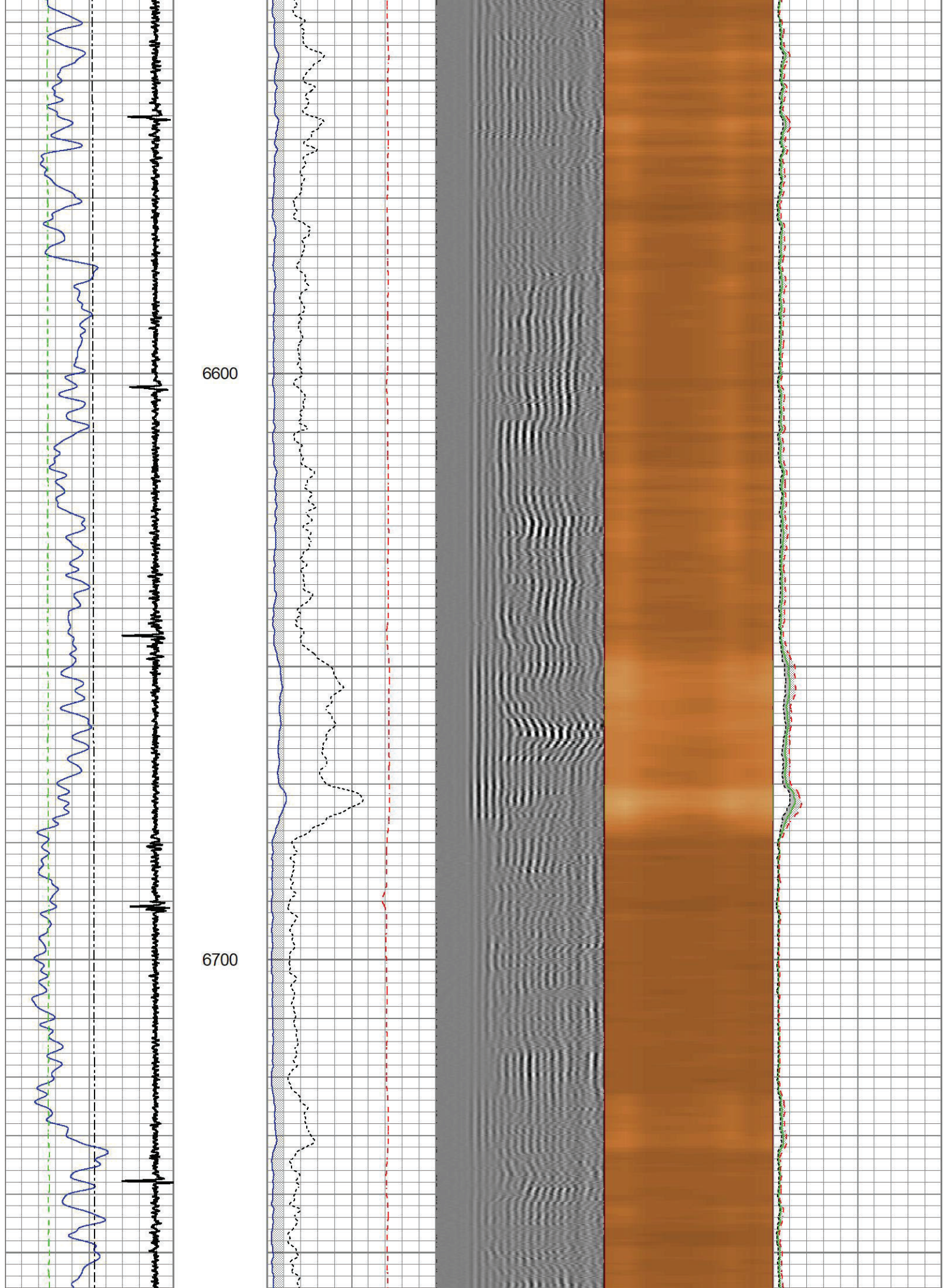
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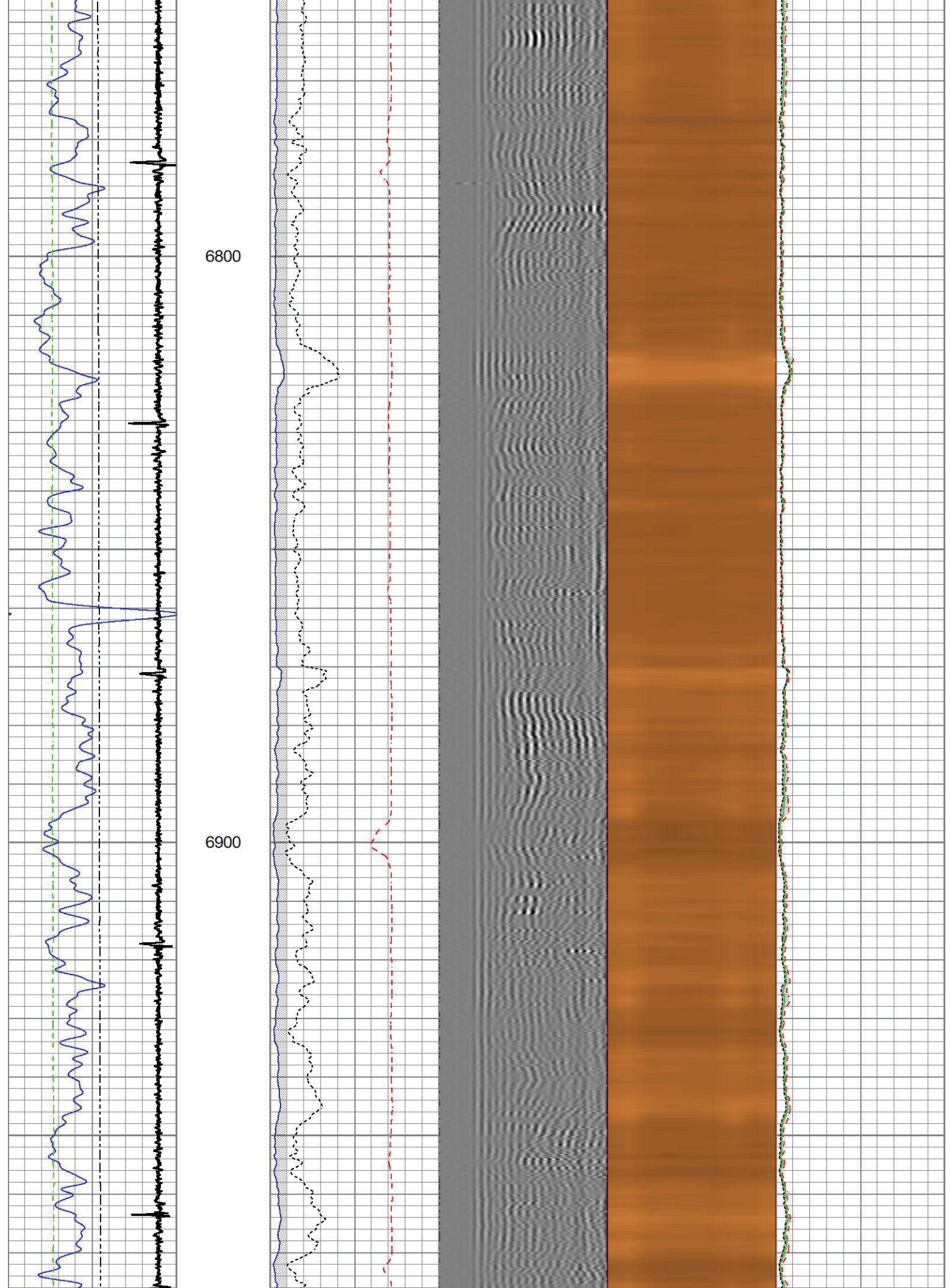
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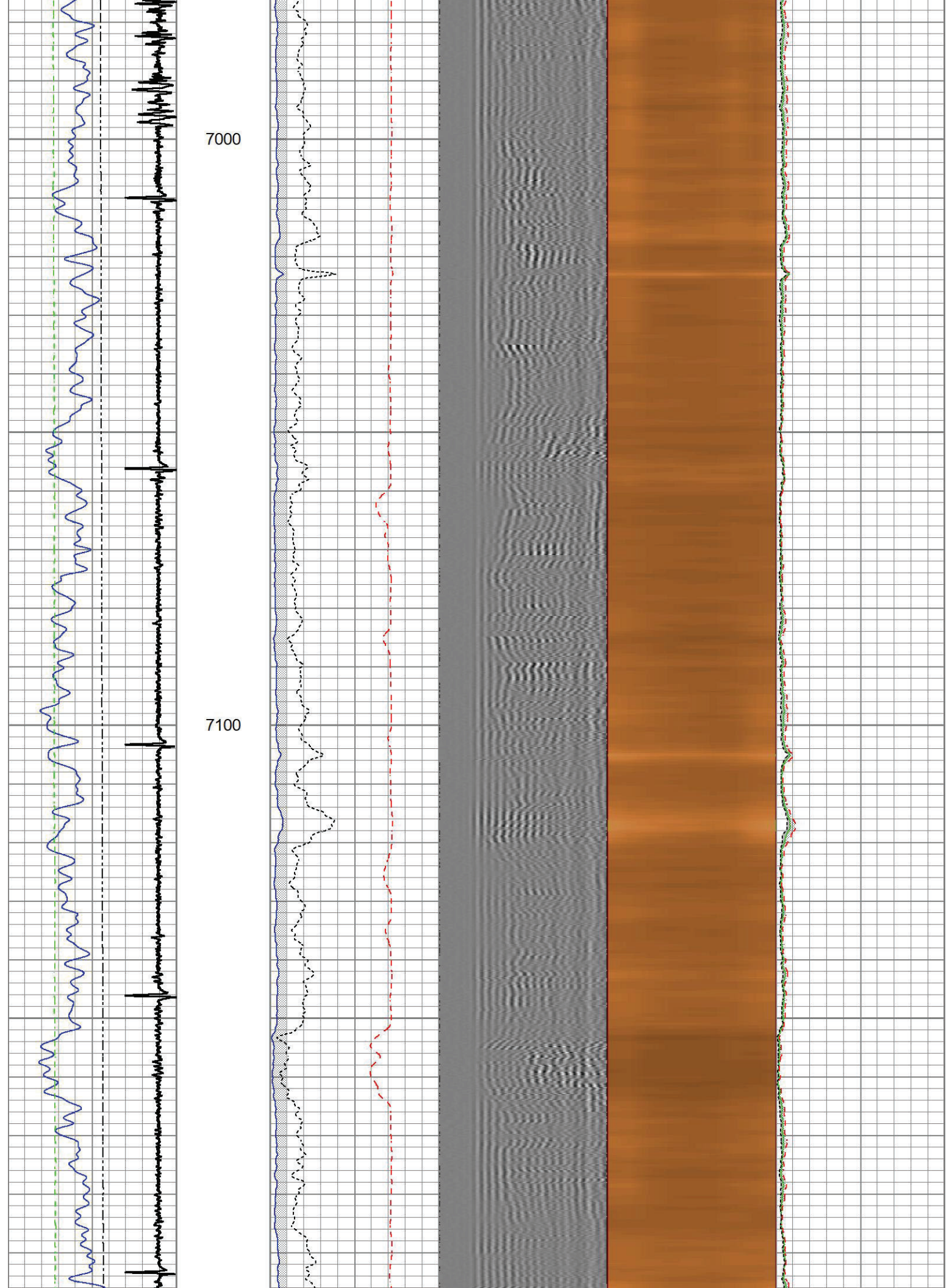
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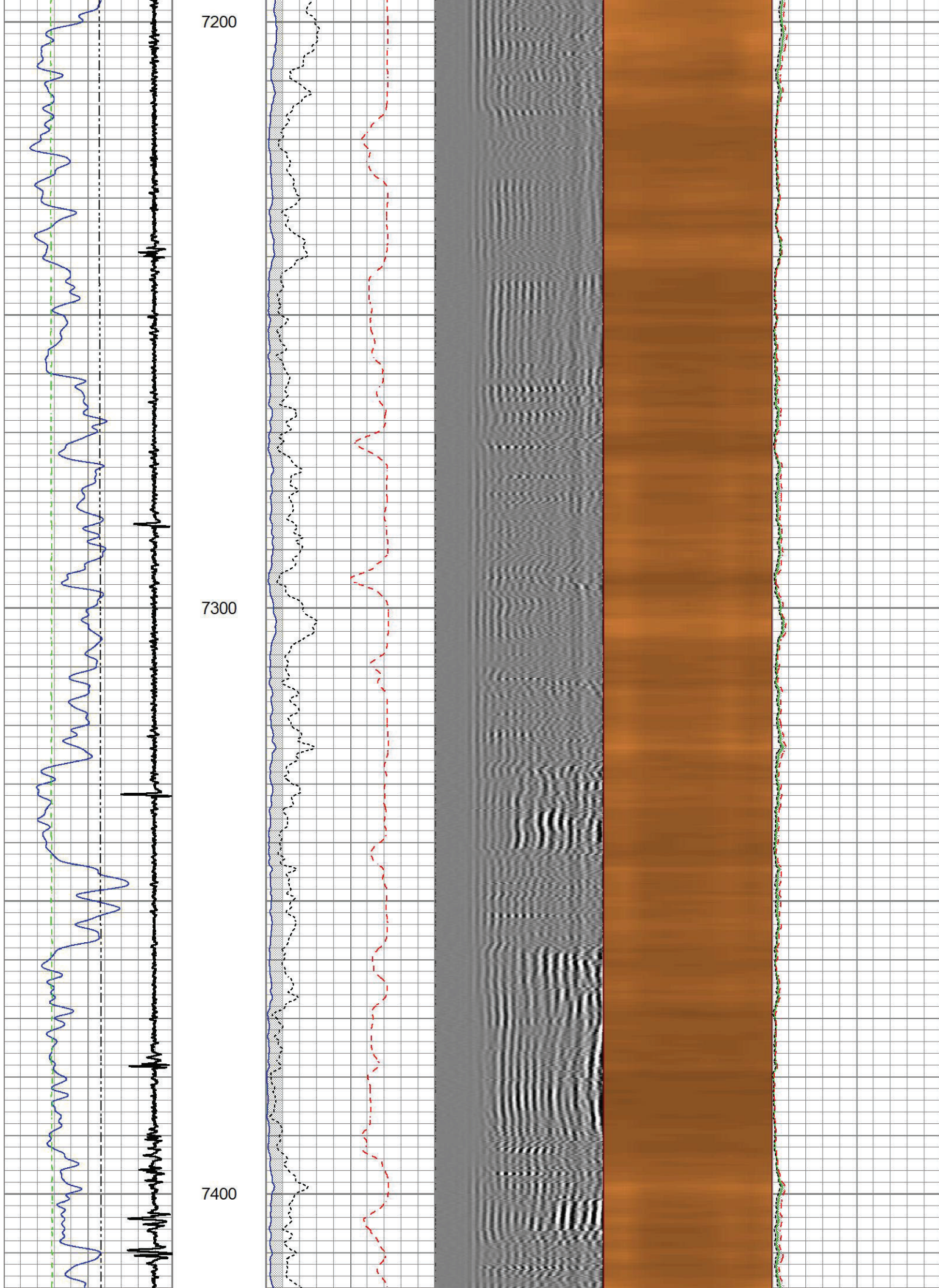


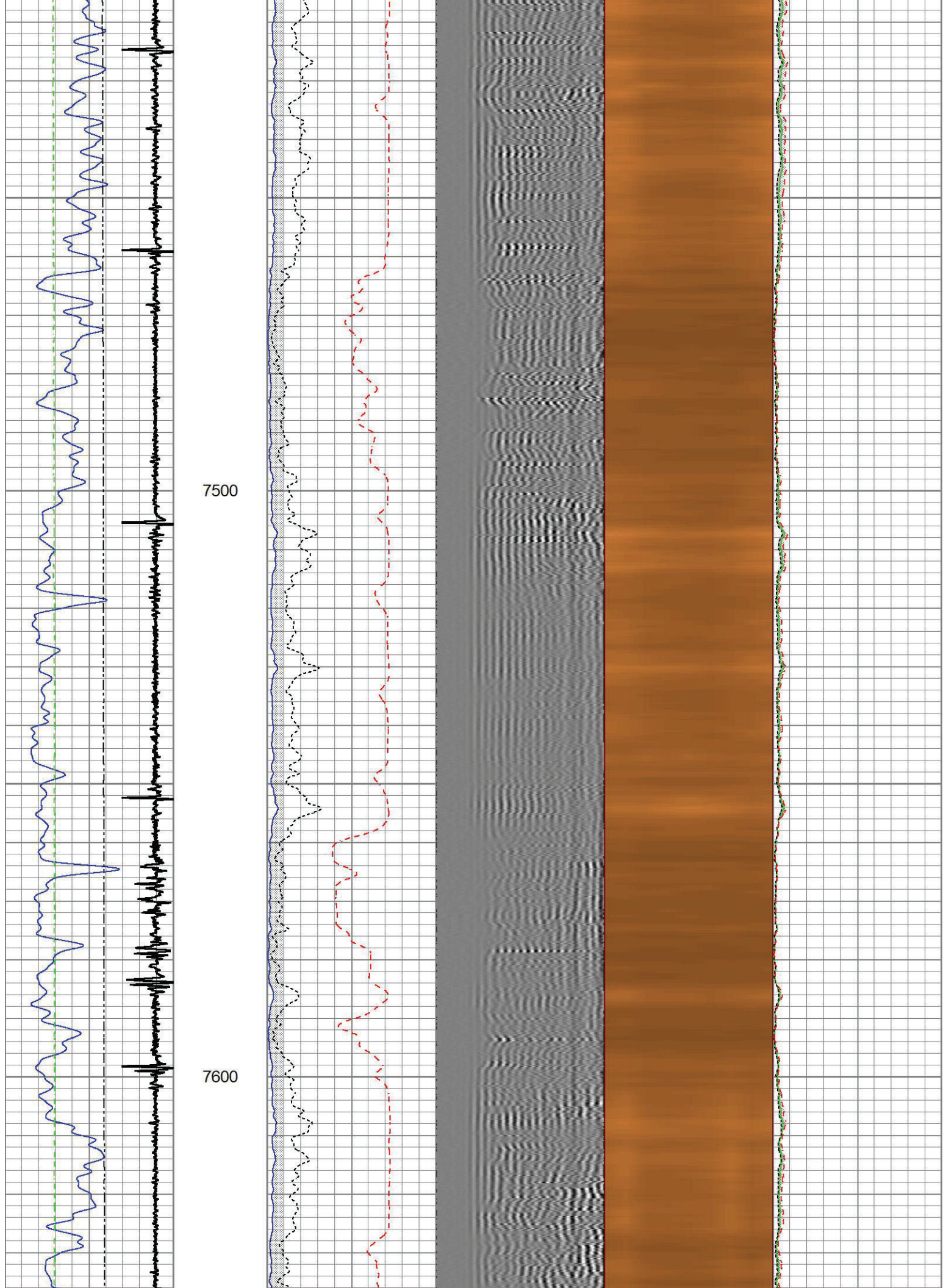


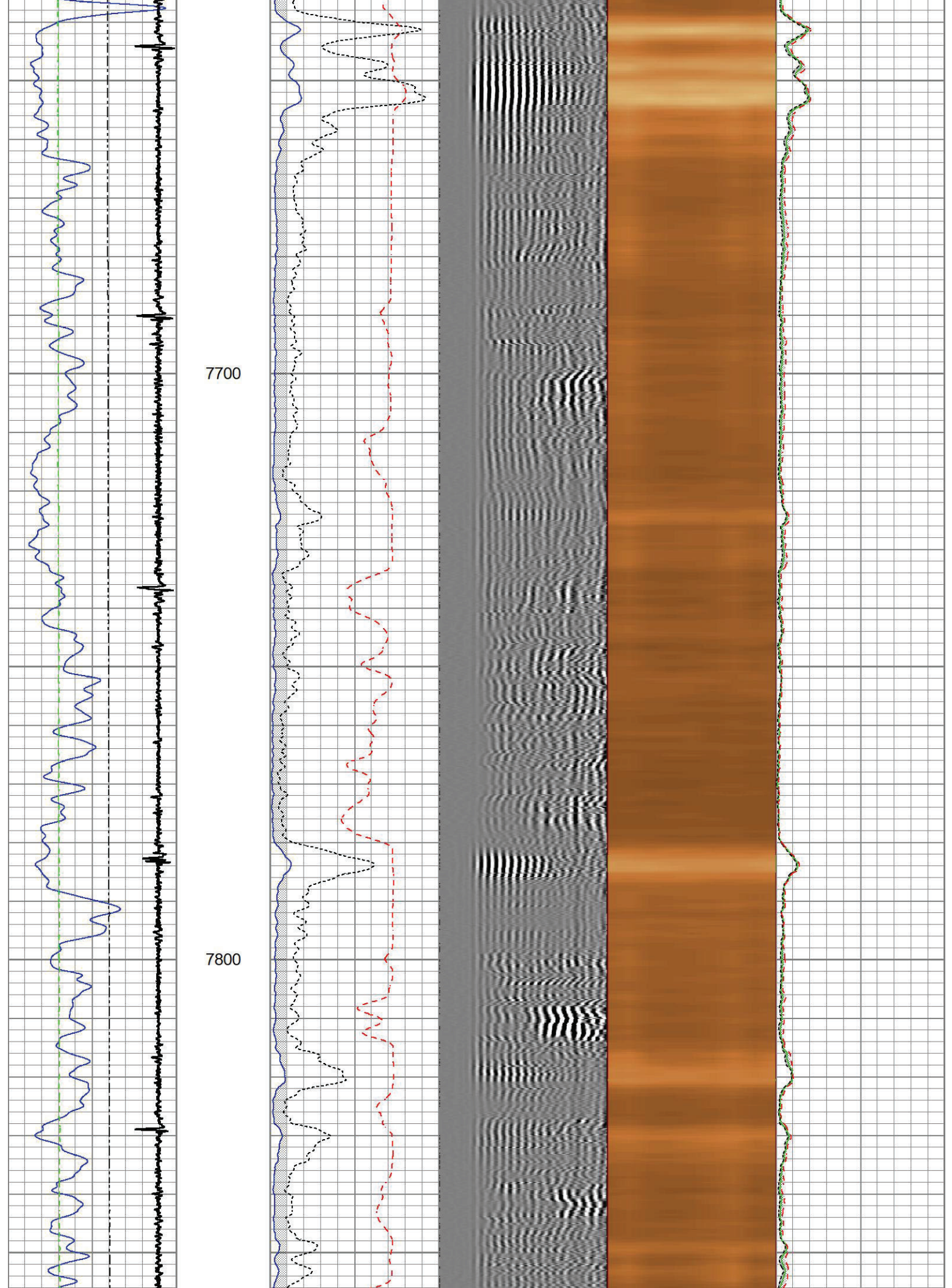
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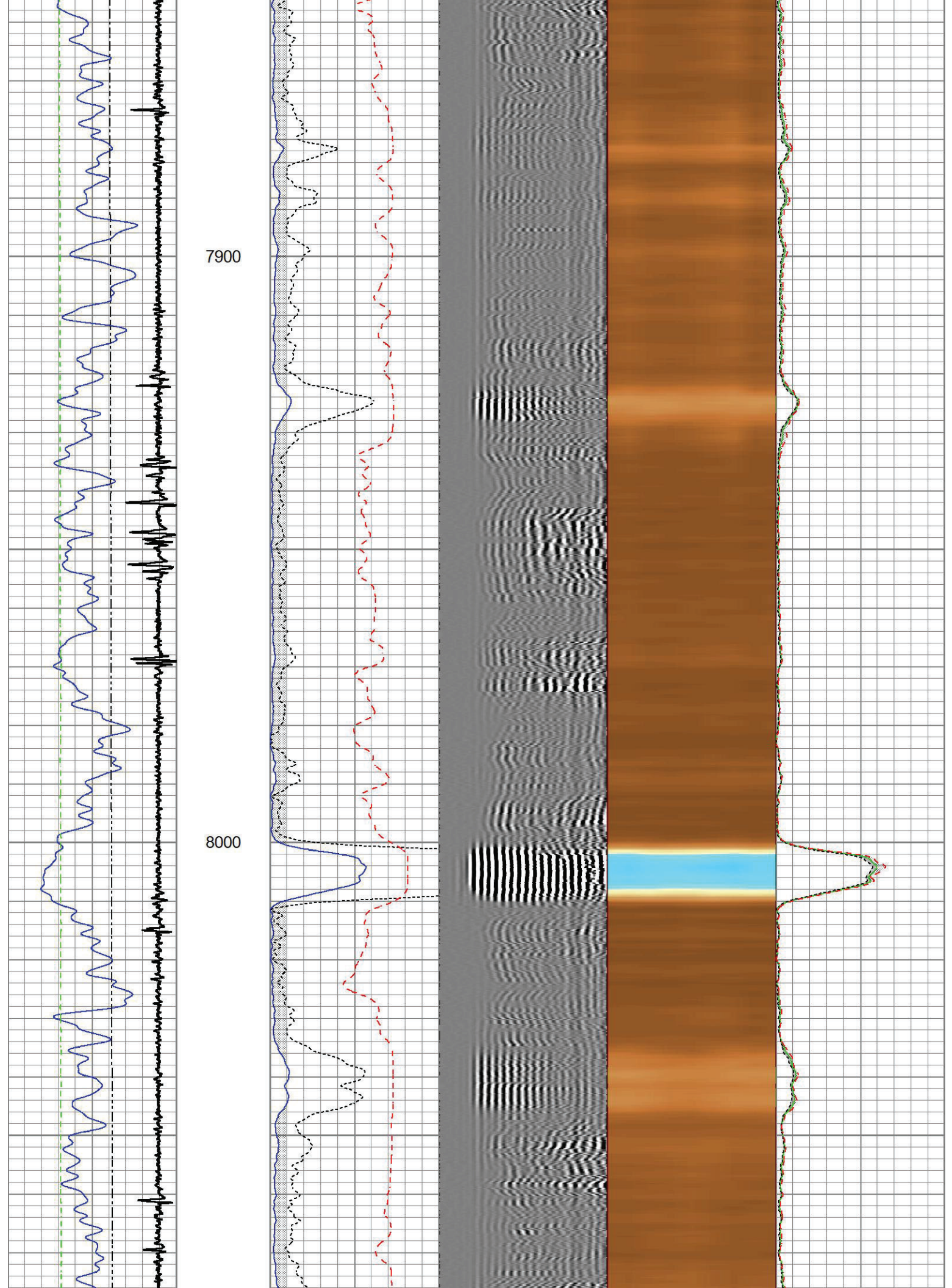
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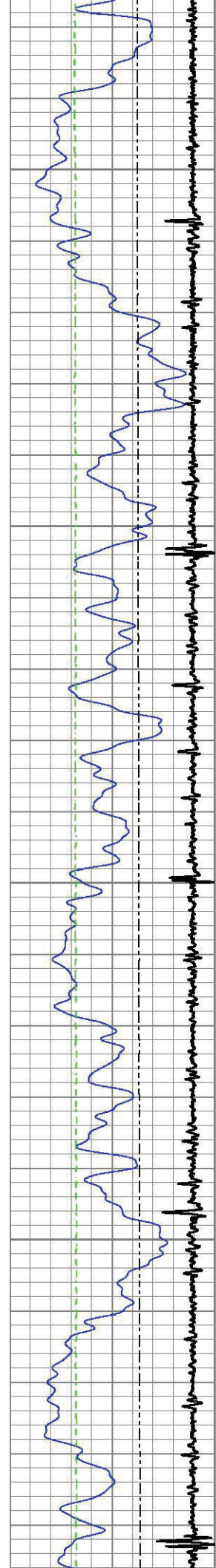
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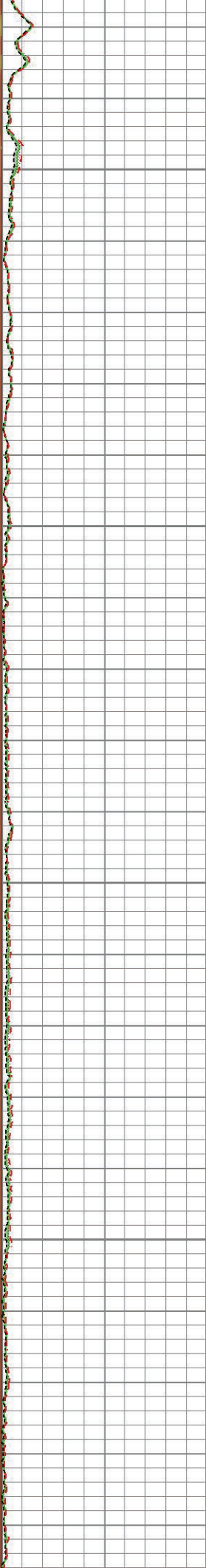
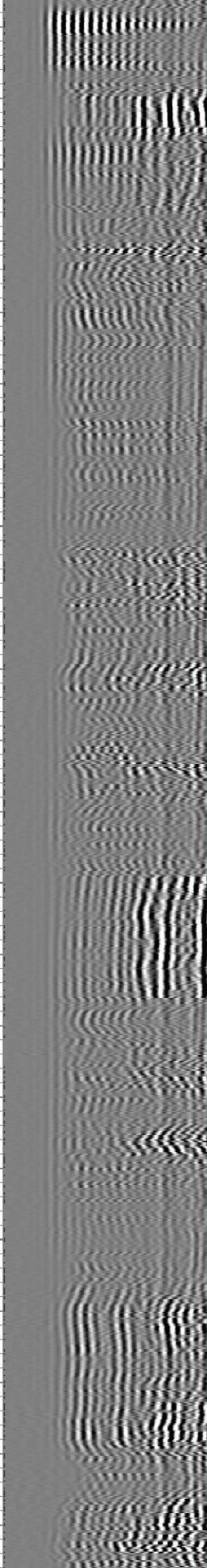
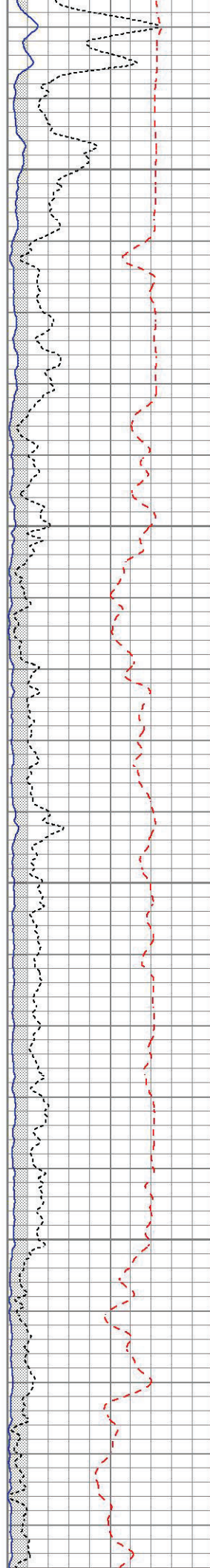


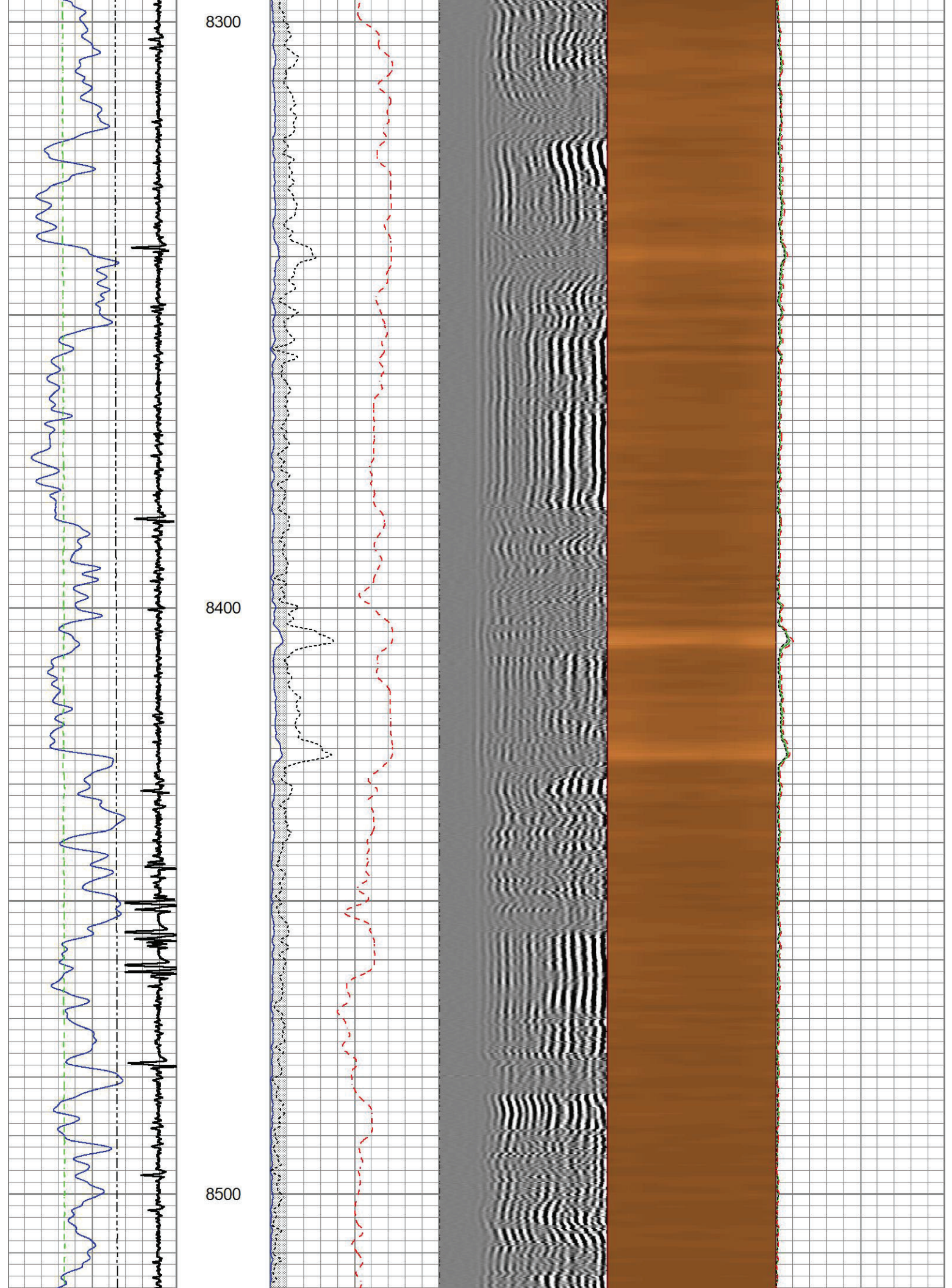


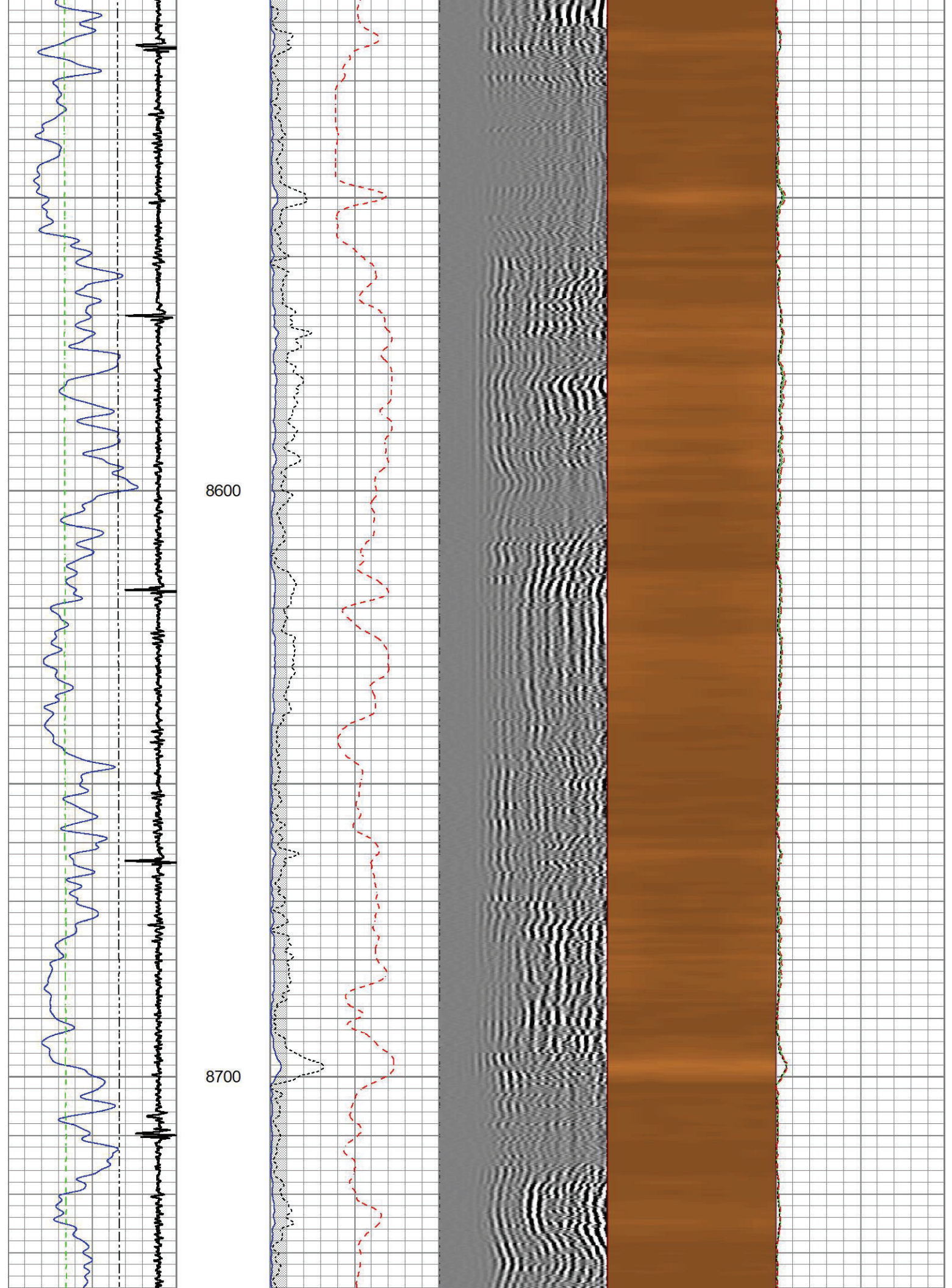


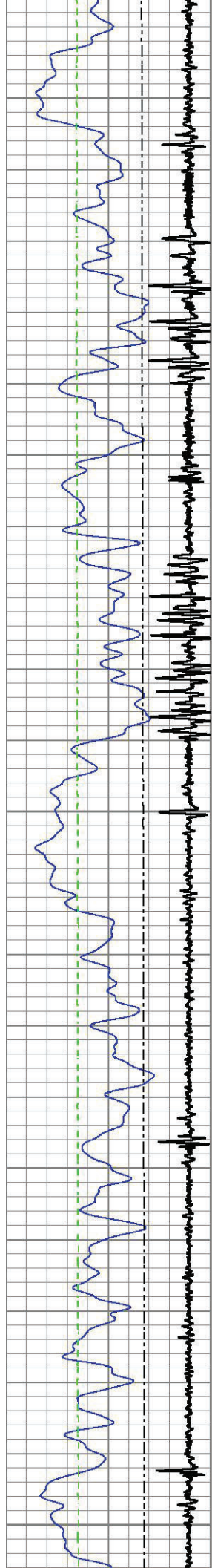
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8200



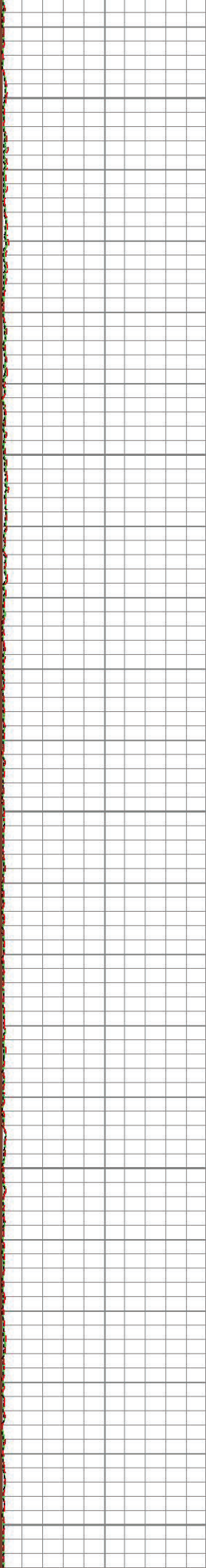
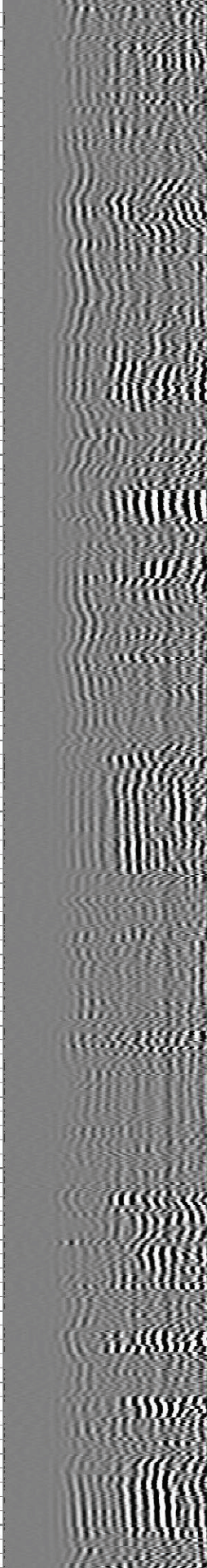
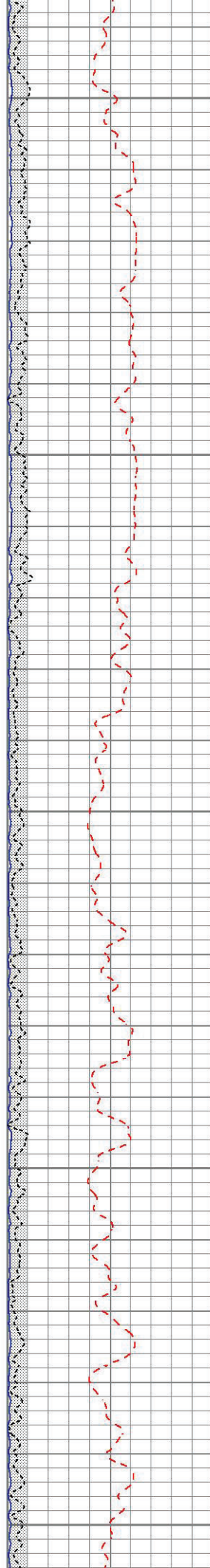


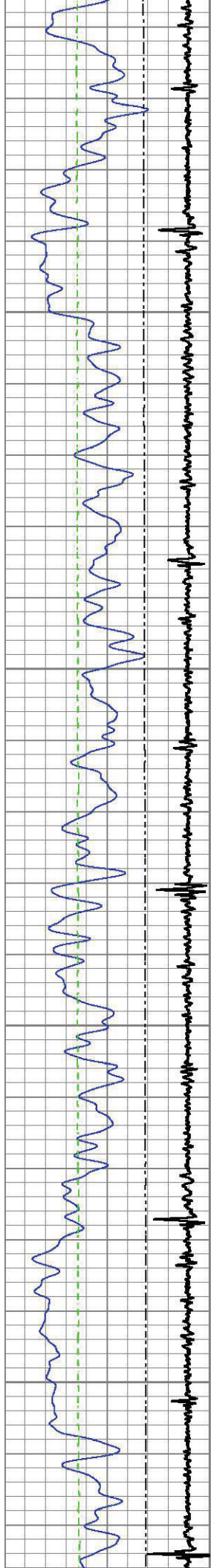




8800

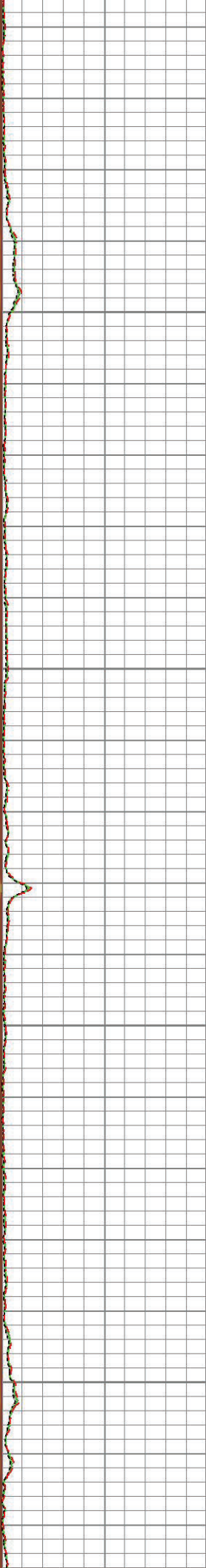
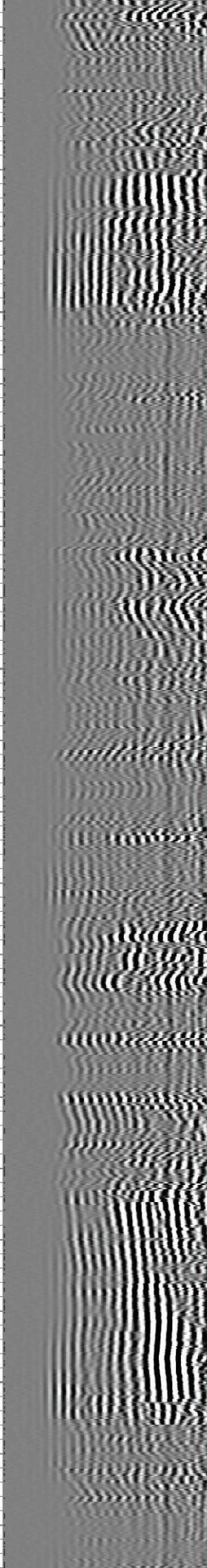
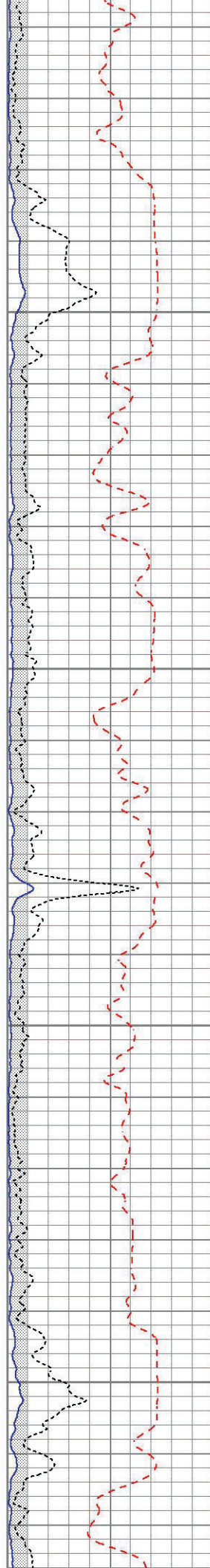
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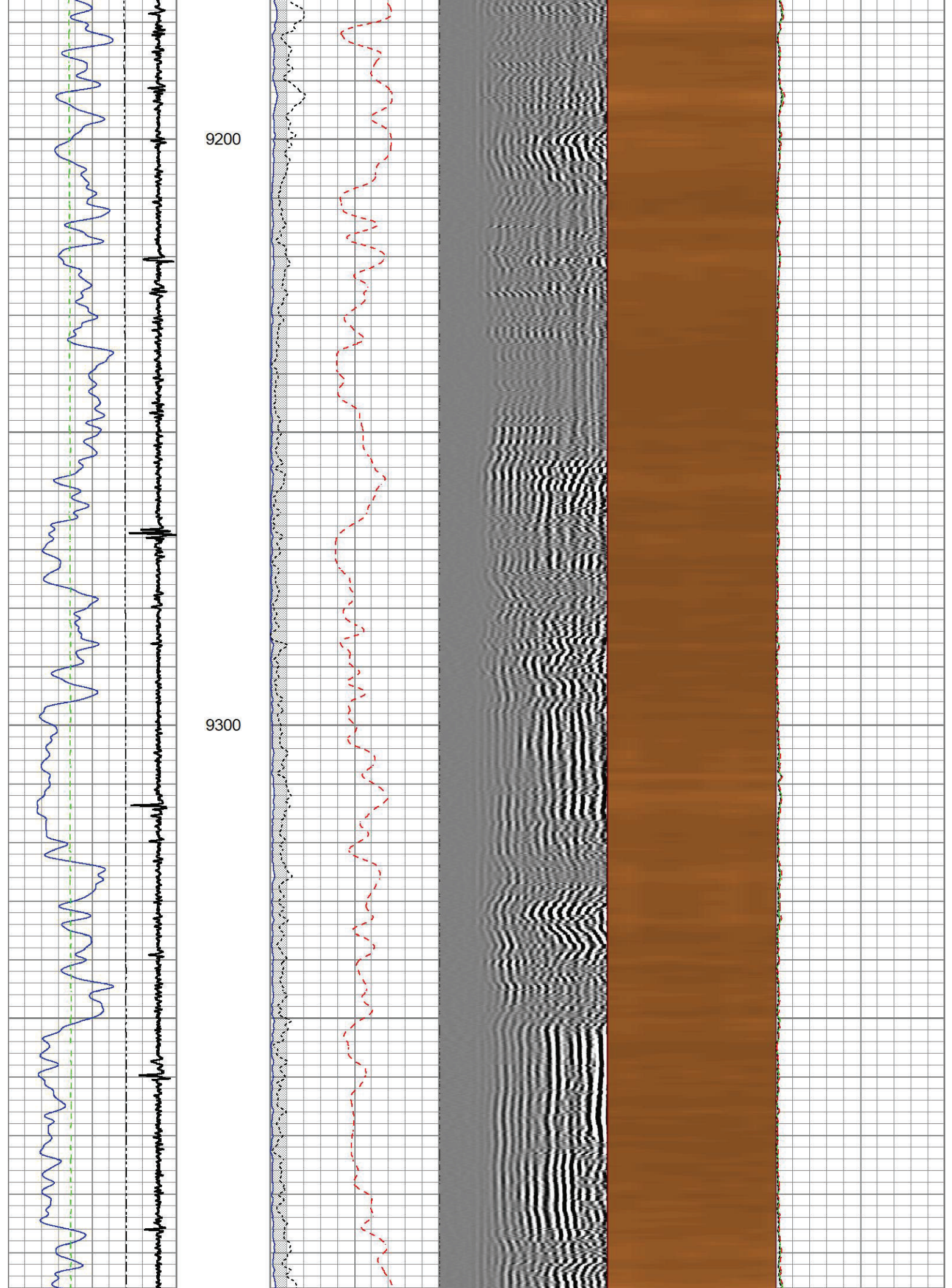




9000

9100

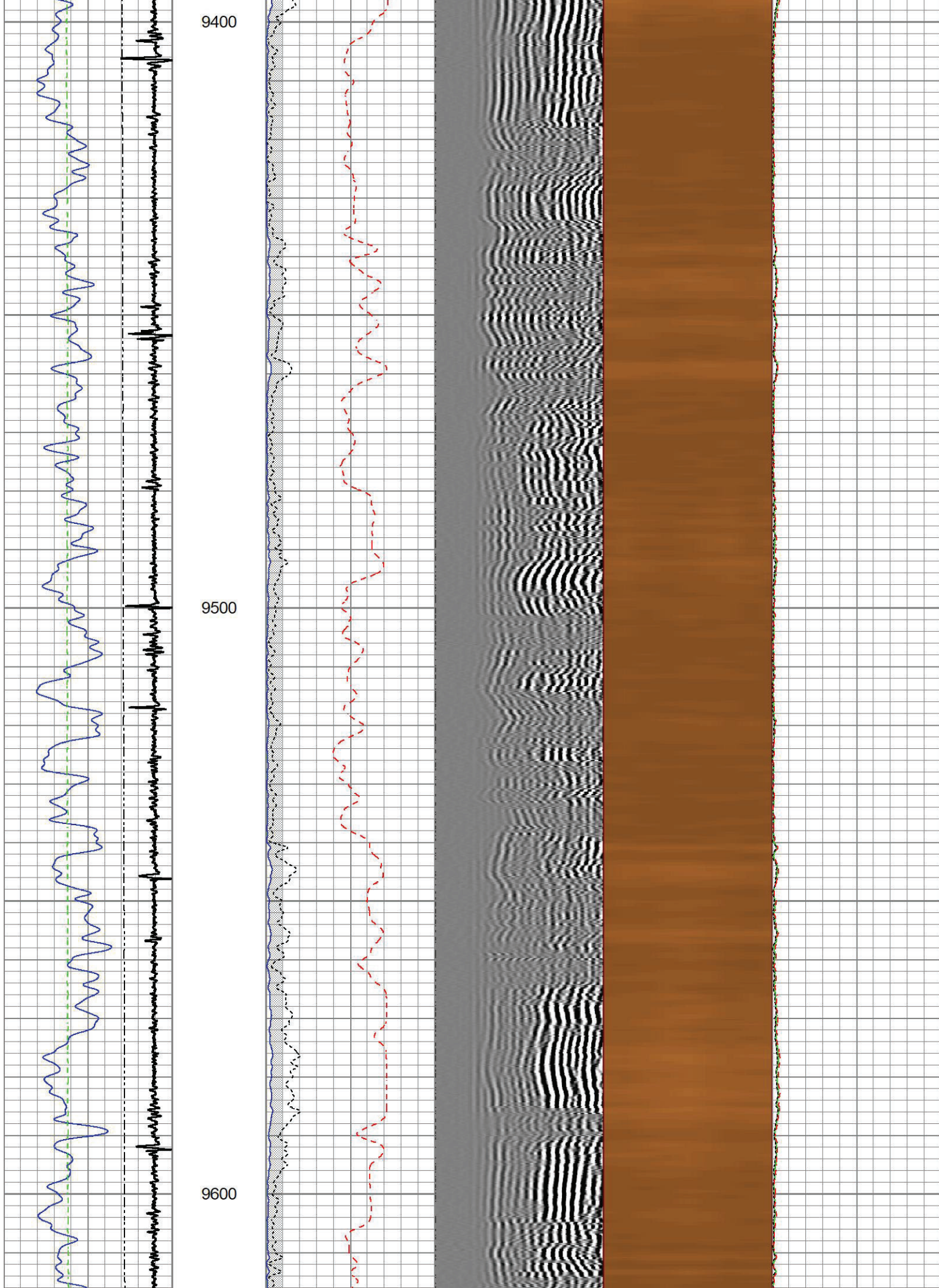




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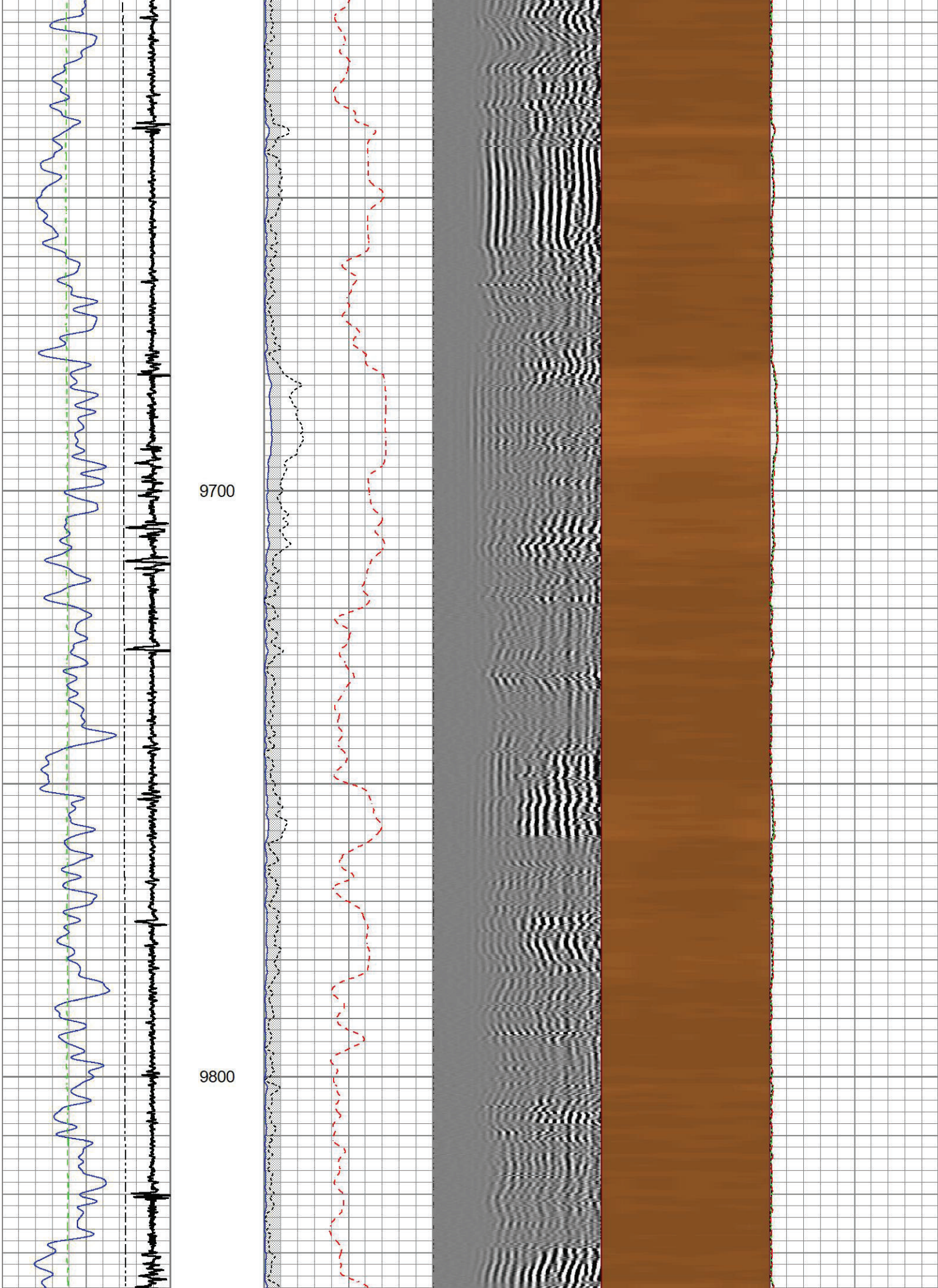
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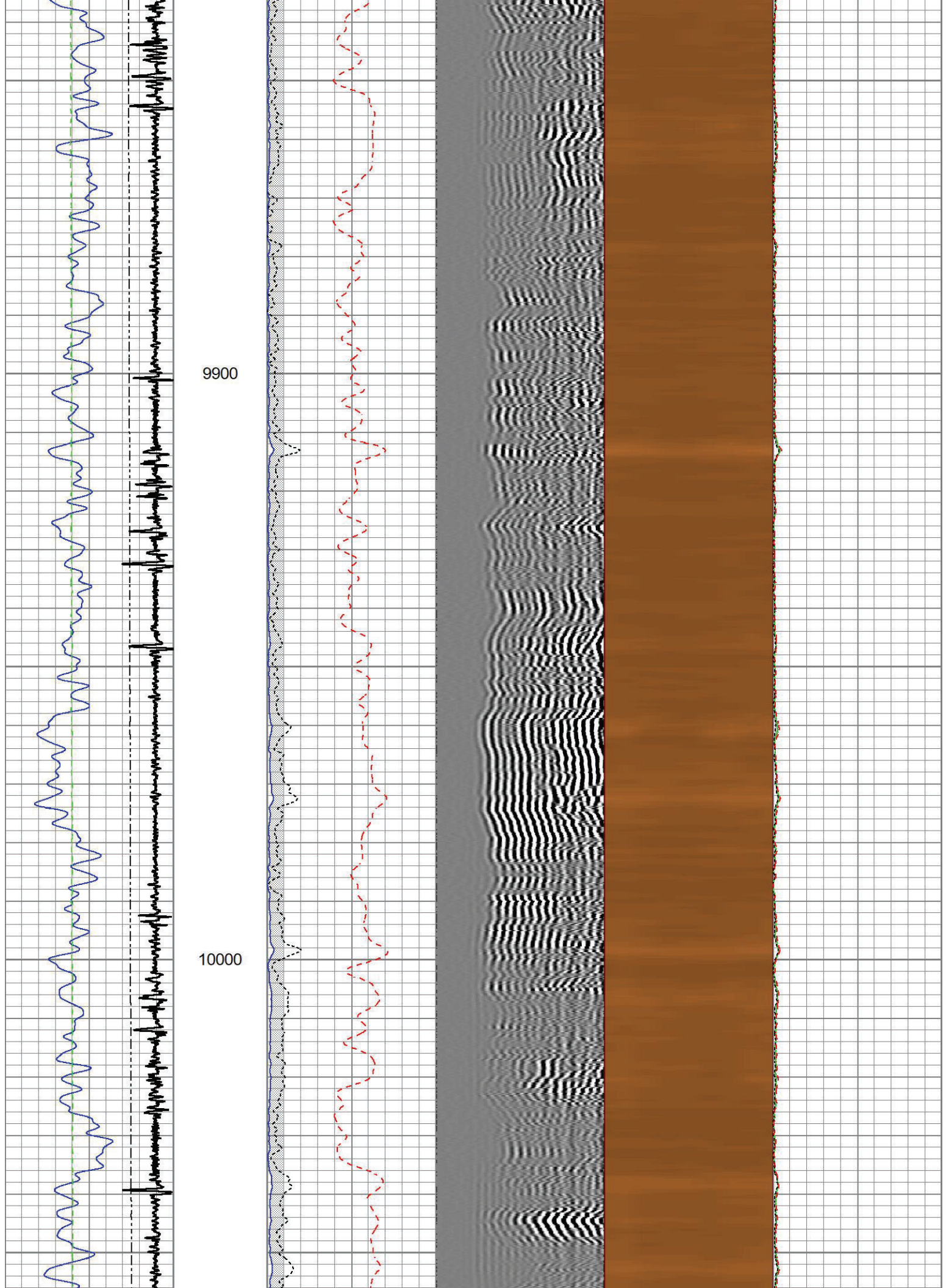
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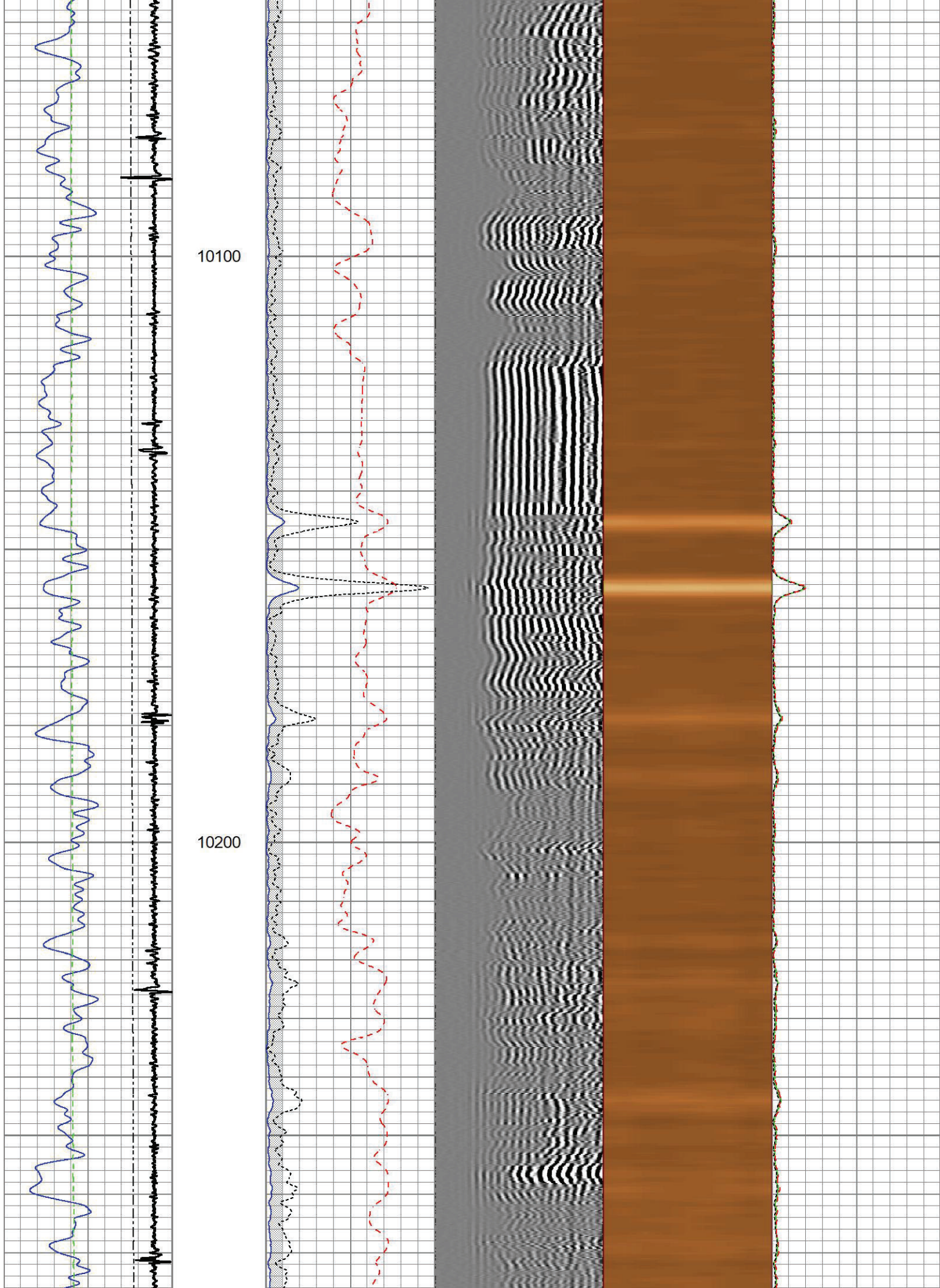


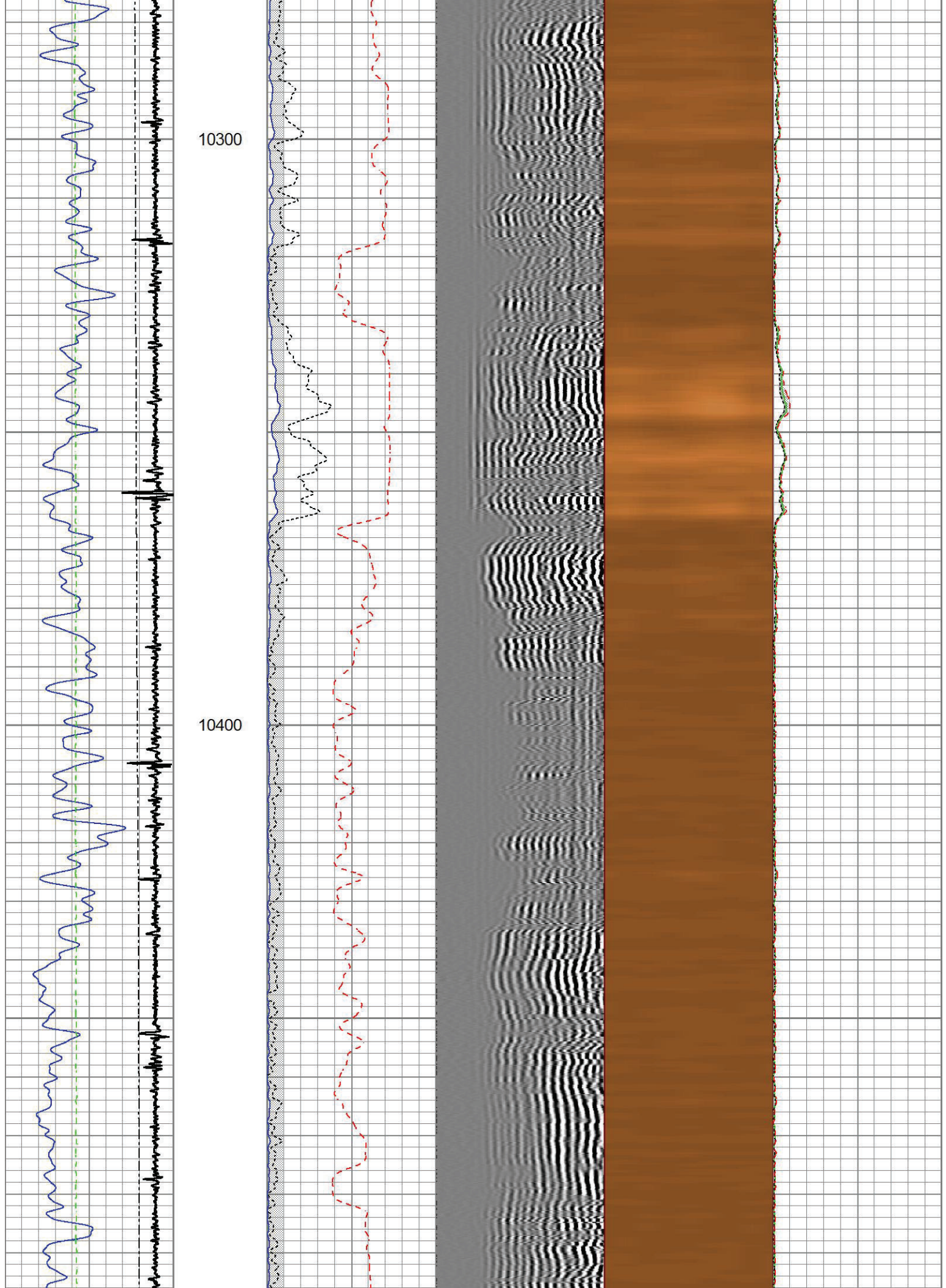
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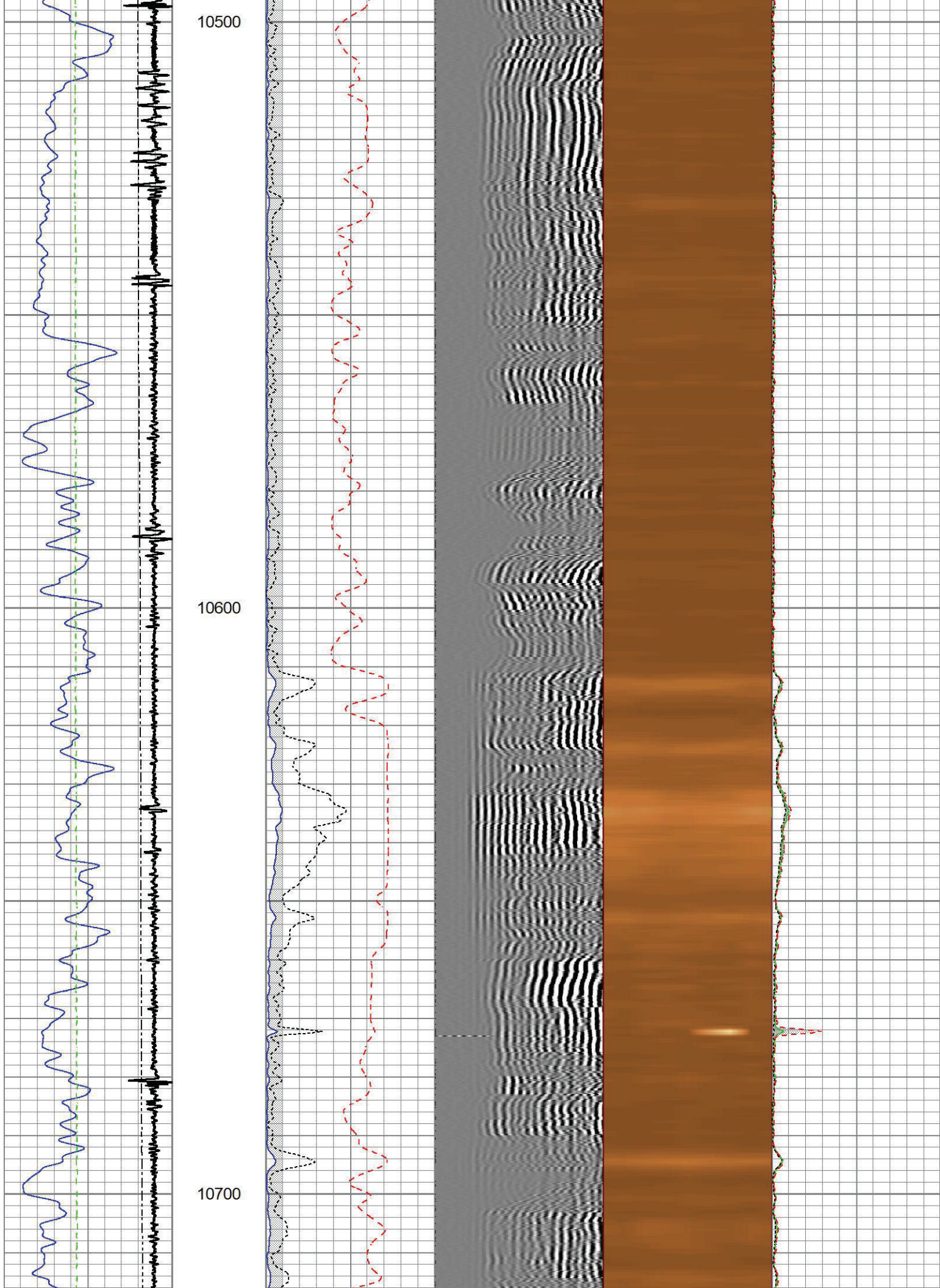
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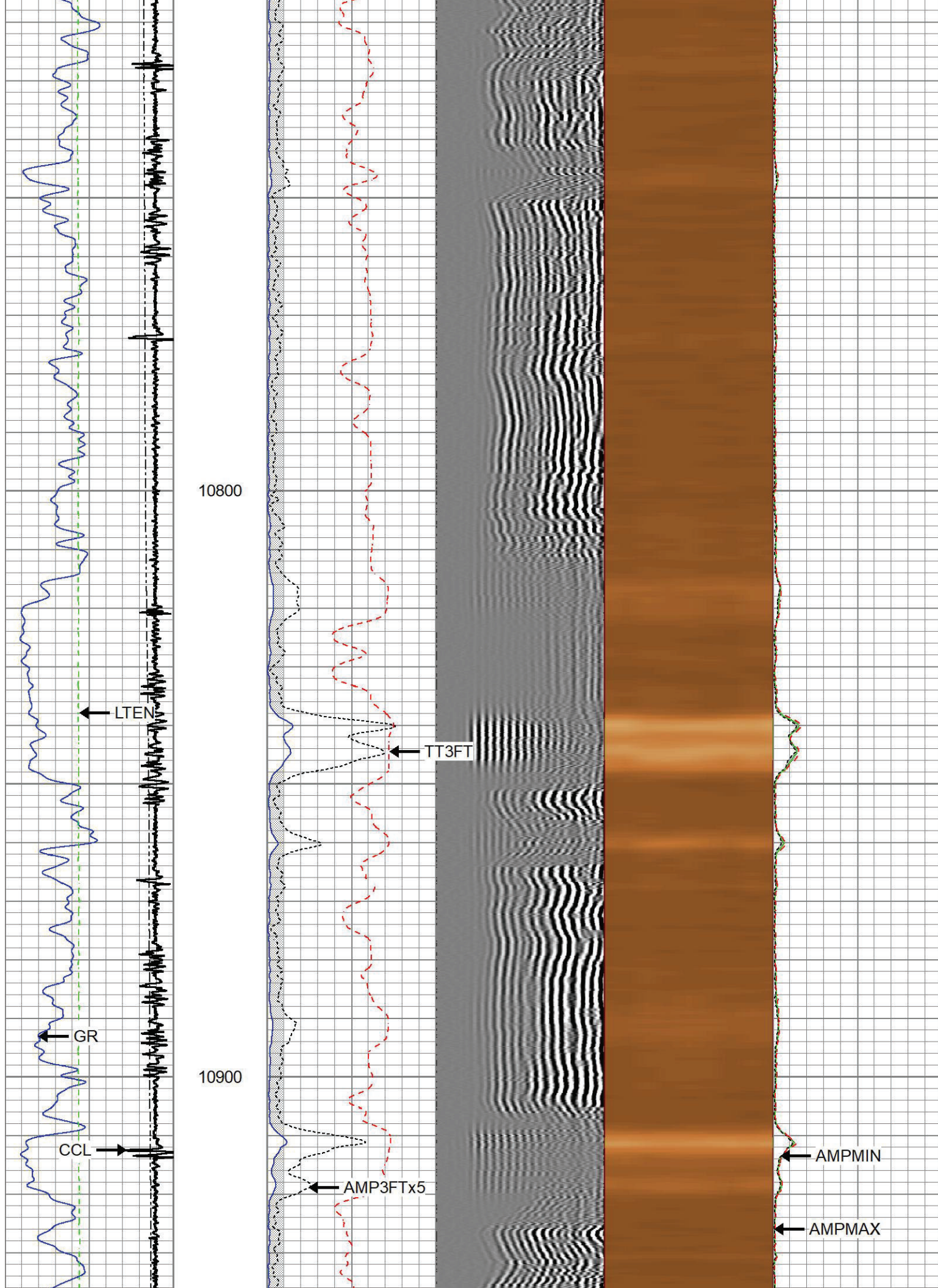


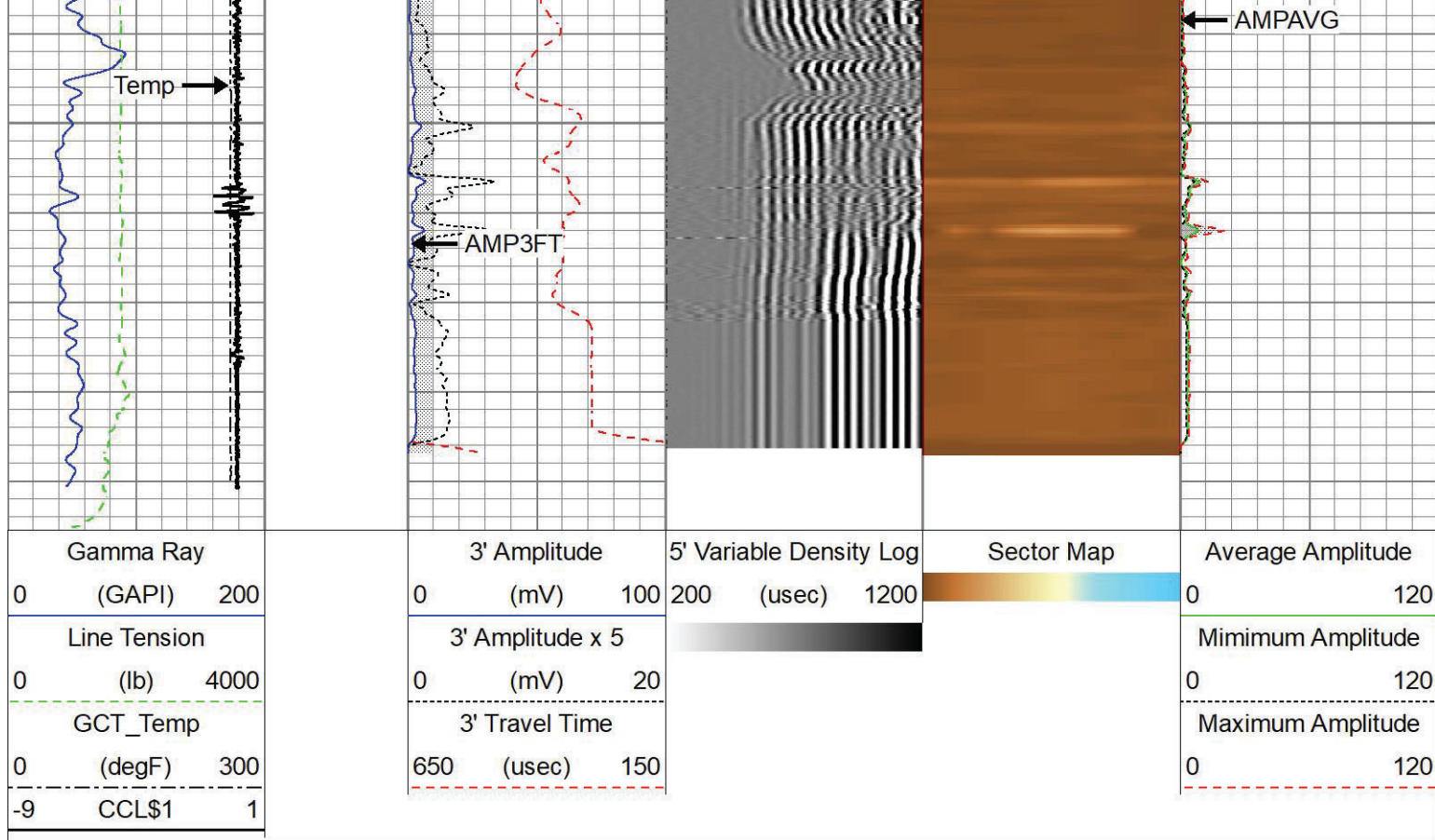






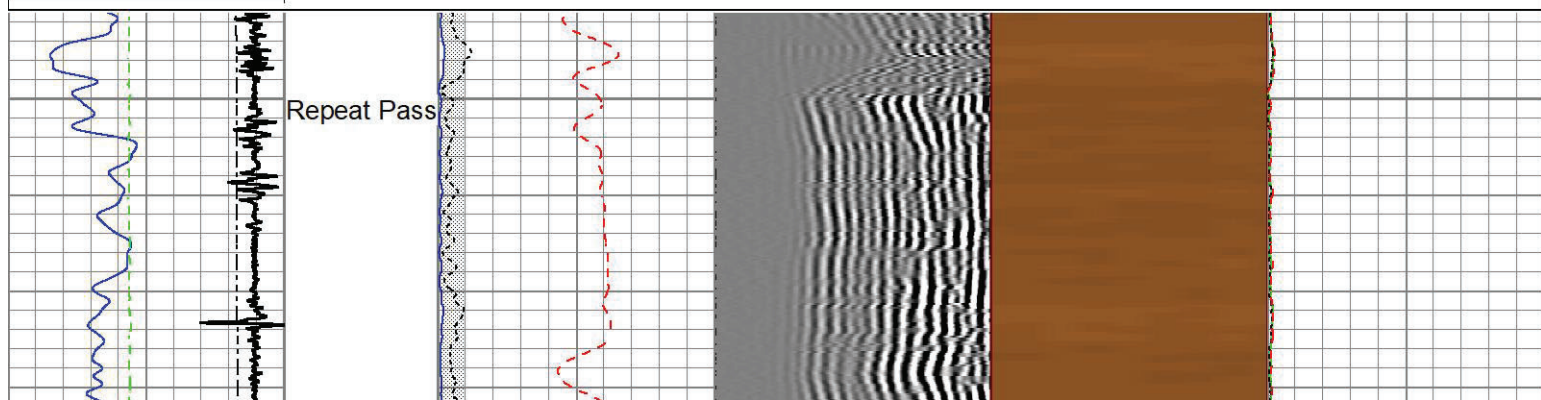
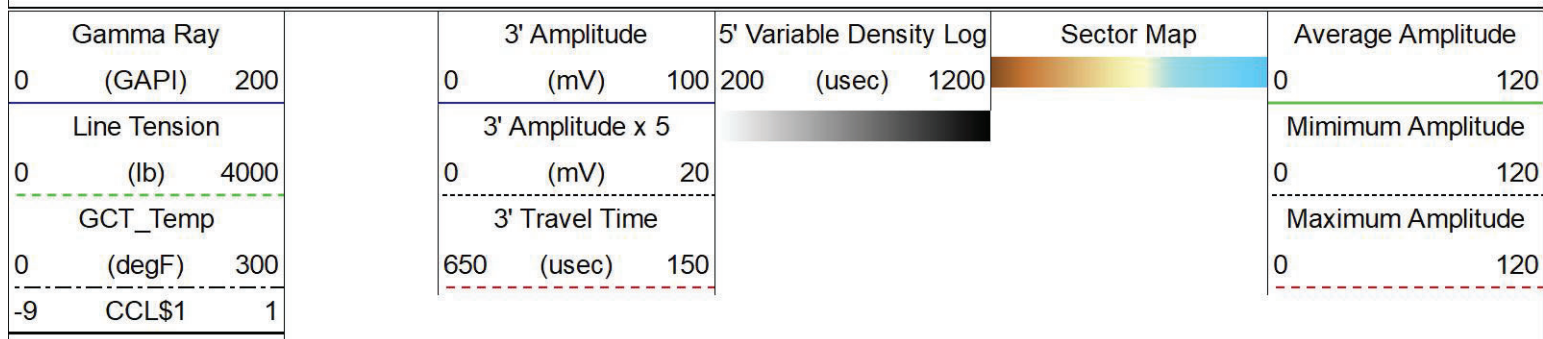


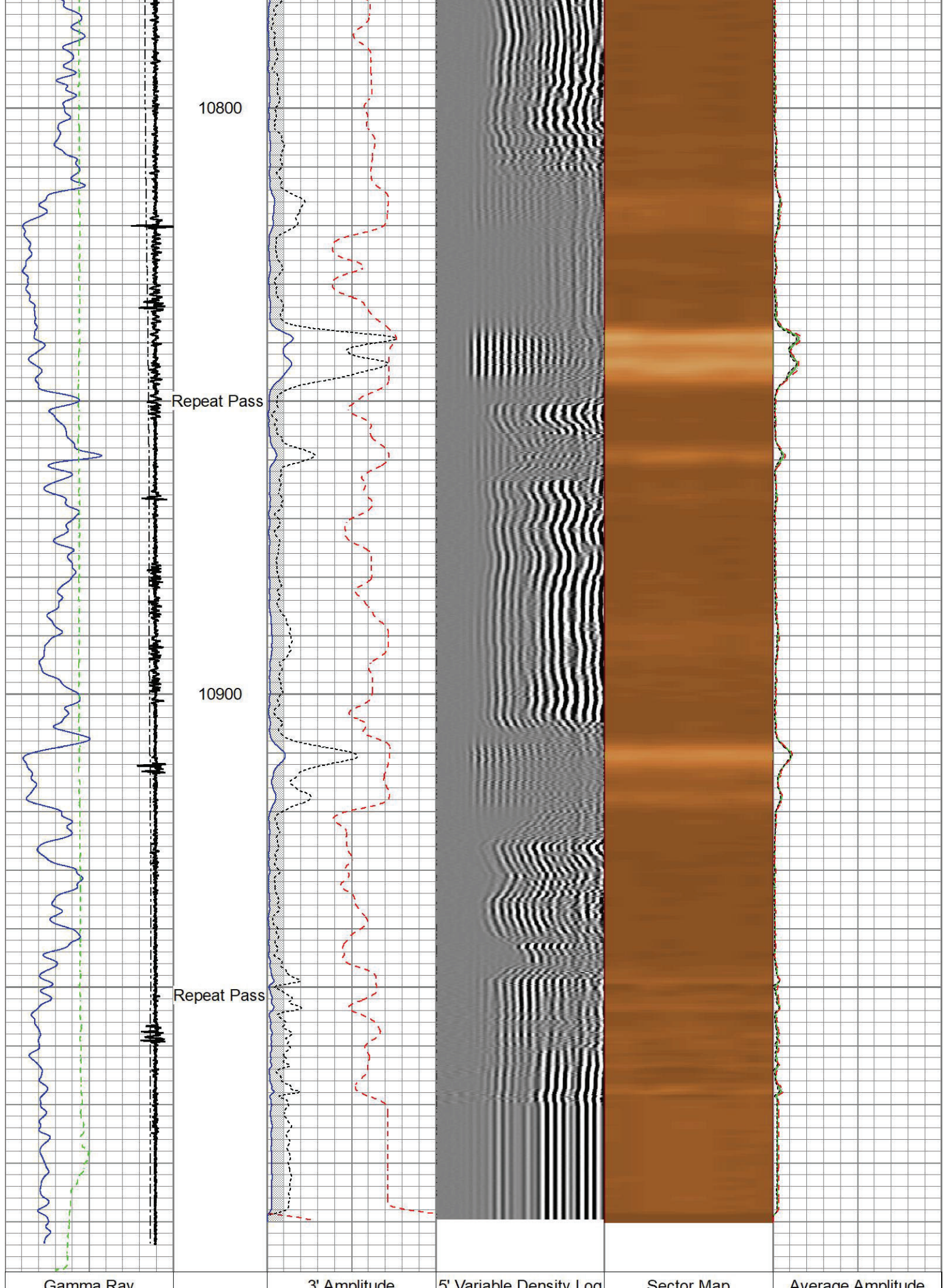




Repeat Pass 5" = 100'

Database File tep\_nr 333-4\_rcbl\_8-9-2022.db  
 Dataset Pathname repeat  
 Presentation Format twgrcbl  
 Dataset Creation Tue Aug 09 07:58:57 2022  
 Charted by Depth in Feet scaled 1:240





0	(GAPI)	200	0	(mV)	100	200	(usec)	1200	0	120
Line Tension			3' Amplitude x 5			Minimum Amplitude				
0	(lb)	4000	0	(mV)	20	0			0	120
GCT_Temp			3' Travel Time			Maximum Amplitude				
0	(degF)	300	650	(usec)	150	0			0	120
-9	CCL\$1	1								

		Calibration Report	
Database File	tep_nr 333-4_rcbl_8-9-2022.db		
Dataset Pathname	main		
Dataset Creation	Tue Aug 09 08:04:29 2022		

Gamma Ray Calibration Report			
Serial Number:	110255		
Tool Model:	GCT275-0BP0		
Performed:	Mon Jul 25 14:35:34 2022		
Calibrator Value:	165.0	GAPI	
Background Reading:	72.3	cps	
Calibrator Reading:	300.9	cps	
Sensitivity:	0.7216	GAPI/cps	

Inclinometer Calibration Report					
Performed:	Thu Jul 28 17:00:24 2022				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-910.00	1566.00	-1.00	1.00	gee
Y Accelerometer	-989.00	1748.00	-1.00	1.00	gee
Z Accelerometer	1.02	-895.47	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report			
Serial Number:	FW1312-30		
Tool Model:	Probe275acc		
Calibration Casing Diameter:	4.500	in	
Calibration Depth:	495.358	ft	

Master Calibration, performed Mon Aug 8 11:29:12 2022:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.655	0.000	81.196	124.415	-0.261
CAL	0.004	0.749				
5'	0.002	0.519	0.000	81.196	156.947	-0.284
SUM						
S1	0.002	0.631	0.000	100.000	158.997	-0.287
S2	0.002	0.679	0.000	100.000	147.721	-0.234
S3	0.002	0.675	0.000	100.000	148.565	-0.294

S4	0.003	0.697	0.000	100.000	144.081	-0.406
S5	0.002	0.694	0.000	100.000	144.566	-0.272
S6	0.003	0.710	0.000	100.000	141.380	-0.359
S7	0.002	0.706	0.000	100.000	142.010	-0.281
S8	0.002	0.639	0.000	100.000	157.149	-0.384

Internal Reference Calibration, performed (Not Performed):

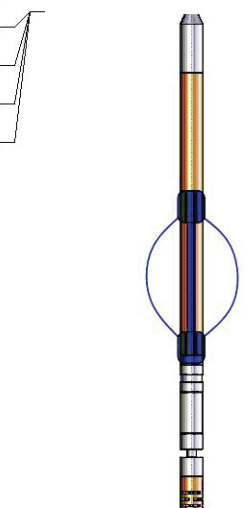
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.004	0.749	1.000	0.000

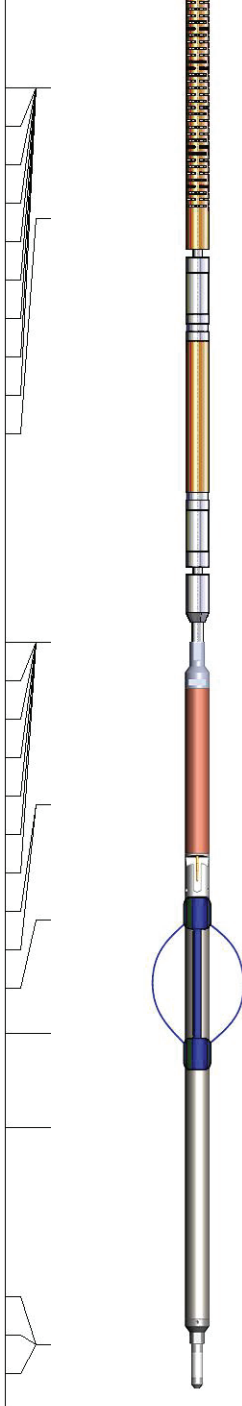
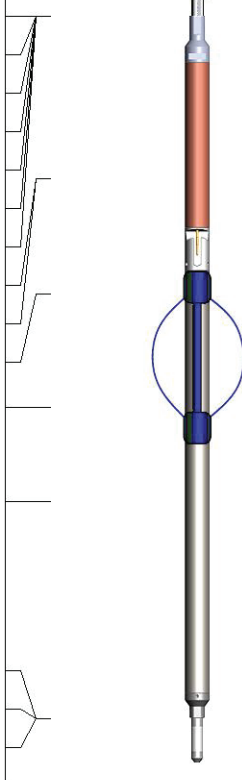

Air Zero Calibration, performed Mon Aug 8 08:45:52 2022:

	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	

#### Inclinometer Calibration Report

Performed:	Thu Jul 28 15:46:49 2022				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-931.00	904.00	-1.00	1.00	gee
Y Accelerometer	-899.00	884.00	-1.00	1.00	gee
Z Accelerometer	1.47	886.18	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_FMWR	14.47					
mSec_Count	14.47					
RBT_Status	14.47					
Error_Ct	14.47					
			SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00

WVFS8	9.97		RBT8acc-Probe275acc (FW1312-30) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS7	9.97					
WVFS6	9.97					
WVFS5	9.97					
WVFS4	9.97					
WVFS3	9.97					
WVFS2	9.97					
WVFS1	9.97					
WVF3FT	9.97					
WVF5FT	8.97					
RBT_HV	5.72		SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
RBT_ACCZ	5.72					
RBT_ACCY	5.72					
RBT_ACCX	5.72					
GCT_HV	5.72					
WVFSYNC	5.72					
WVFCAL	5.72					
CCL\$2	4.47					
CCL\$1	4.47					
GCT_Temp	3.59					
GR	2.72		GCacc-GCT275-0BP0 (110255) Probe 2.75" Gamma Ray - CCL (6 magnet) w/Temp	5.38	2.75	59.00
GCT_IntTemp	2.00					
GCT_ACCZ	0.33		Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00
GCT_ACCY	0.33					
GCT_ACCX	0.33					
Dataset:			tep_nr 333-4_rcbl_8-9-2022.db: field/well/run1/main			
Total length:			14.47 ft			
Total weight:			190.00 lb			
O.D.:			3.25 in			

	Company	Terra Energy Partners, LLC				
	Well	Federal NR 333-4				
	Field	Rulison				
	County	Garfield				
	State	Colorado				Country USA