



Radial Cement Bond
Gamma Ray
Casing Collar Log

Company	Caerus Piceance LLC.	Country	USA
Well	BJU B26 Fed 11D-26-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Company	Caerus Piceance LLC.	Country	USA
Well	BJU B26 Fed 11D-26-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Location:	API # : 05-045-24459	Other Services	CNL
SEC 26 TWP 4S RGE 96W			
Permanent Datum	Ground Level	Elevation	8211'
Log Measured From	Kelly Bushing		
Drilling Measured From	Kelly Bushing		
		Elevation	K.B. 8241' D.F. 8240' G.L. 8211'
Date	11-OCT-2022		
Run Number	One		
Depth Driller	12054 FT		
Depth Logger	11922 FT		
Bottom Logged Interval	11922 FT		
Top Log Interval	Surface		
Open Hole Size	8.750"		
Type Fluid	Fresh Water		
Density / Viscosity	8.34 lb/gal		
Max. Recorded Temp.	300° F		
Estimated Cement Top	See Log		
Time Well Ready	ROA		
Time Logger on Bottom	10:28		
Equipment Number	8053		
Location	Grand Junction Colo		
Recorded By	P. Edwards		
Witnessed By	Z. Fisher		
Run Number	8.75"	From	To
	Surface	12054 FT	
Casing Record	Size	Mgt/ft	Top
Surface String	9.625"	36	Surface
Prot. String	4.5"	11.6	Surface
Production String			
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 as per customer request.
Depth referenced to Kelly Bushing @ 30FT
Marker Joint from 8002 FT - 8012 FT
Log ran from 11922 FT to Surface
Log ran with 0 PSI surface induced pressure.

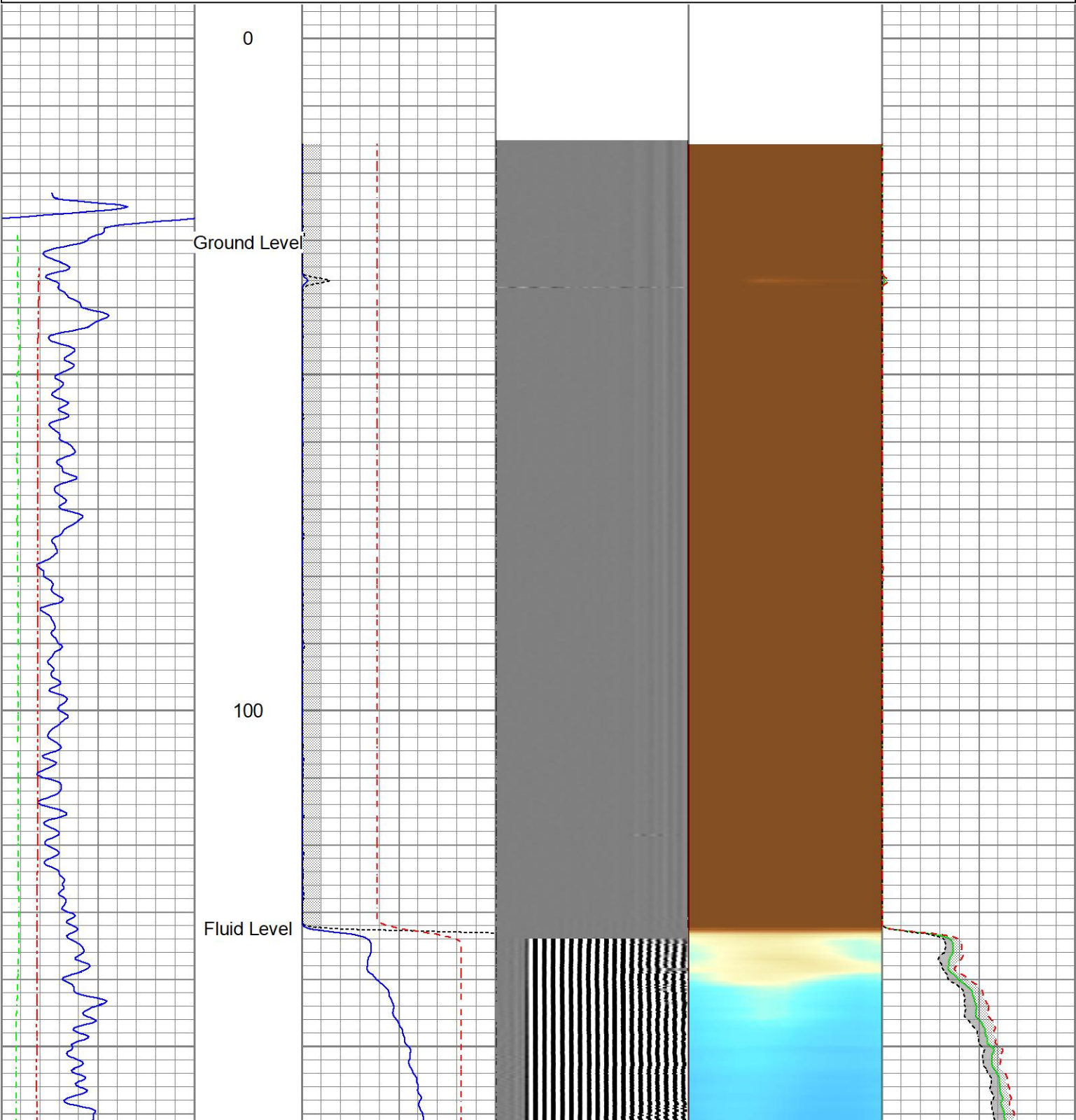
Thank you for choosing The Wireline Group!!!

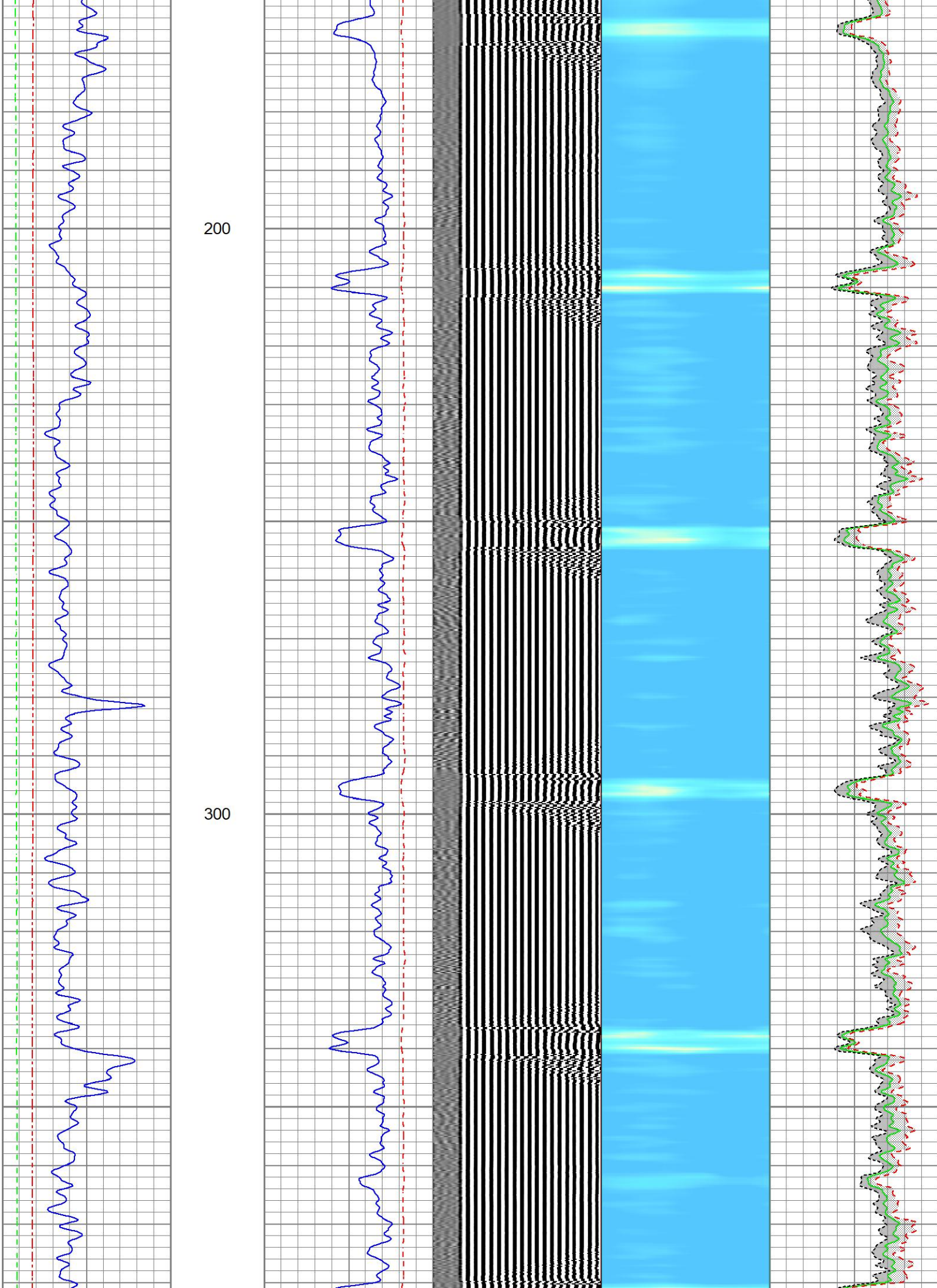


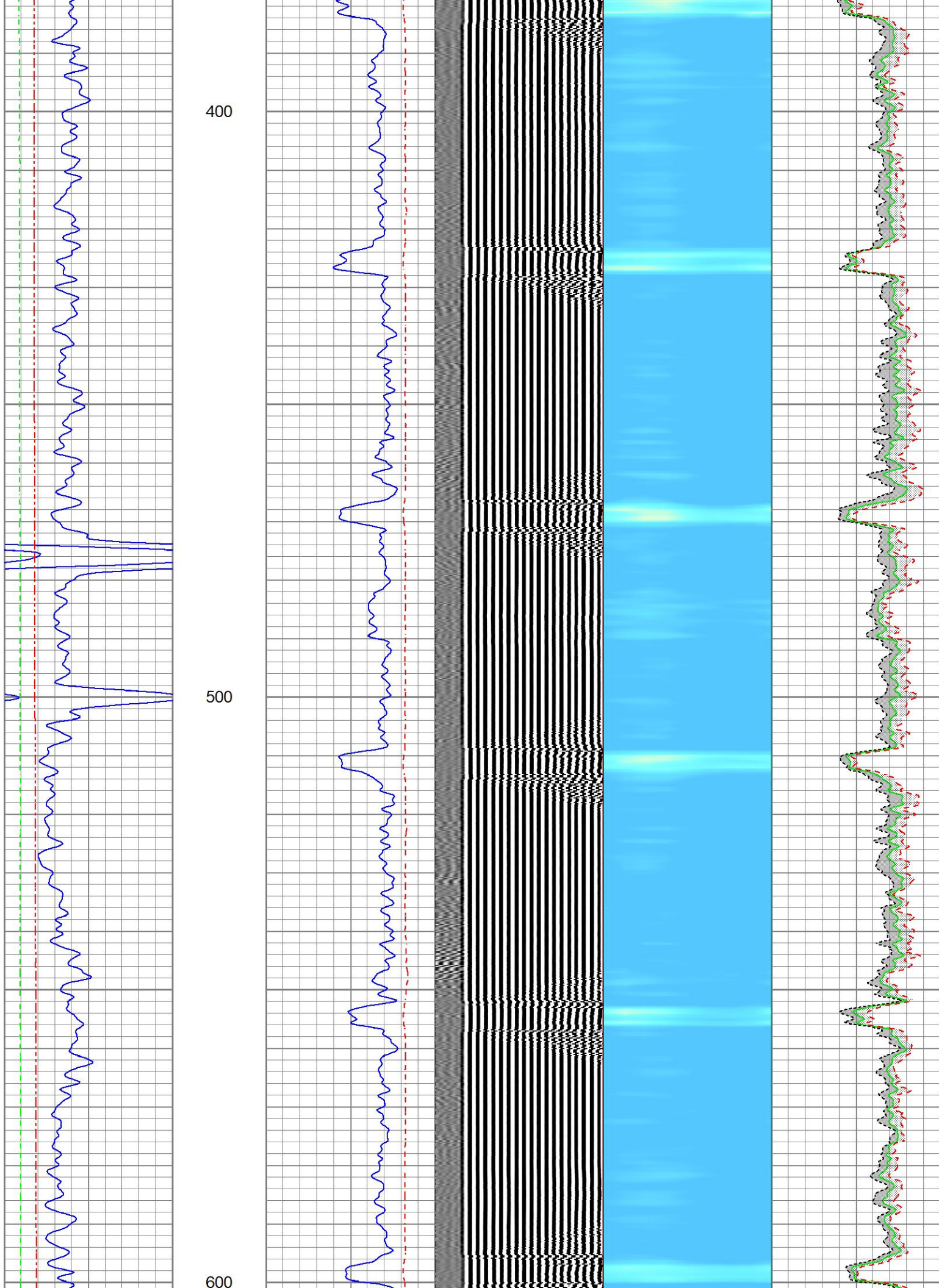
Main Pass 5" = 100'

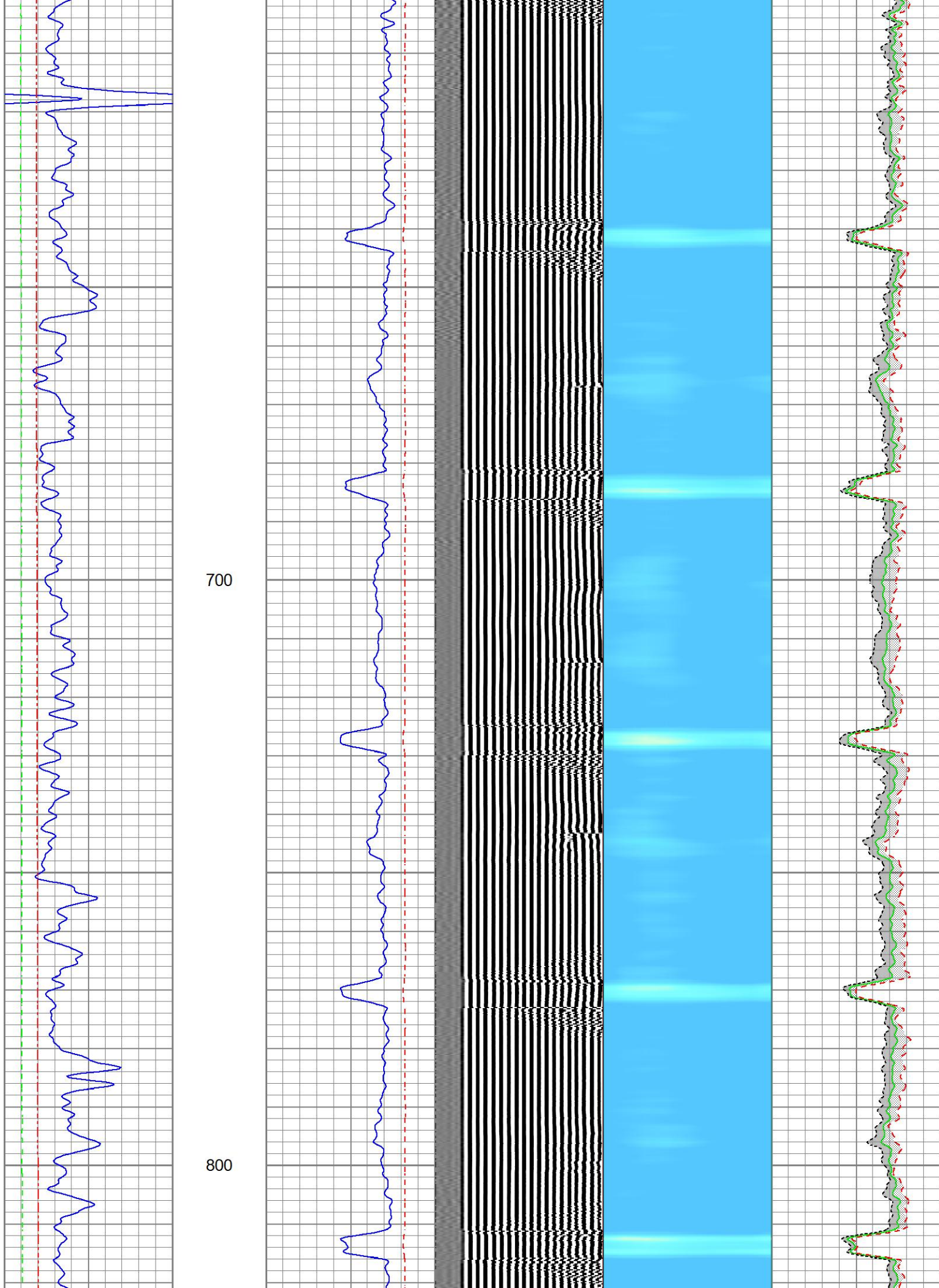
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Dataset Pathname	main1
Presentation Format	twgrcbl
Dataset Creation	Tue Oct 11 10:28:16 2022
Charted by	Depth in Feet scaled 1:240

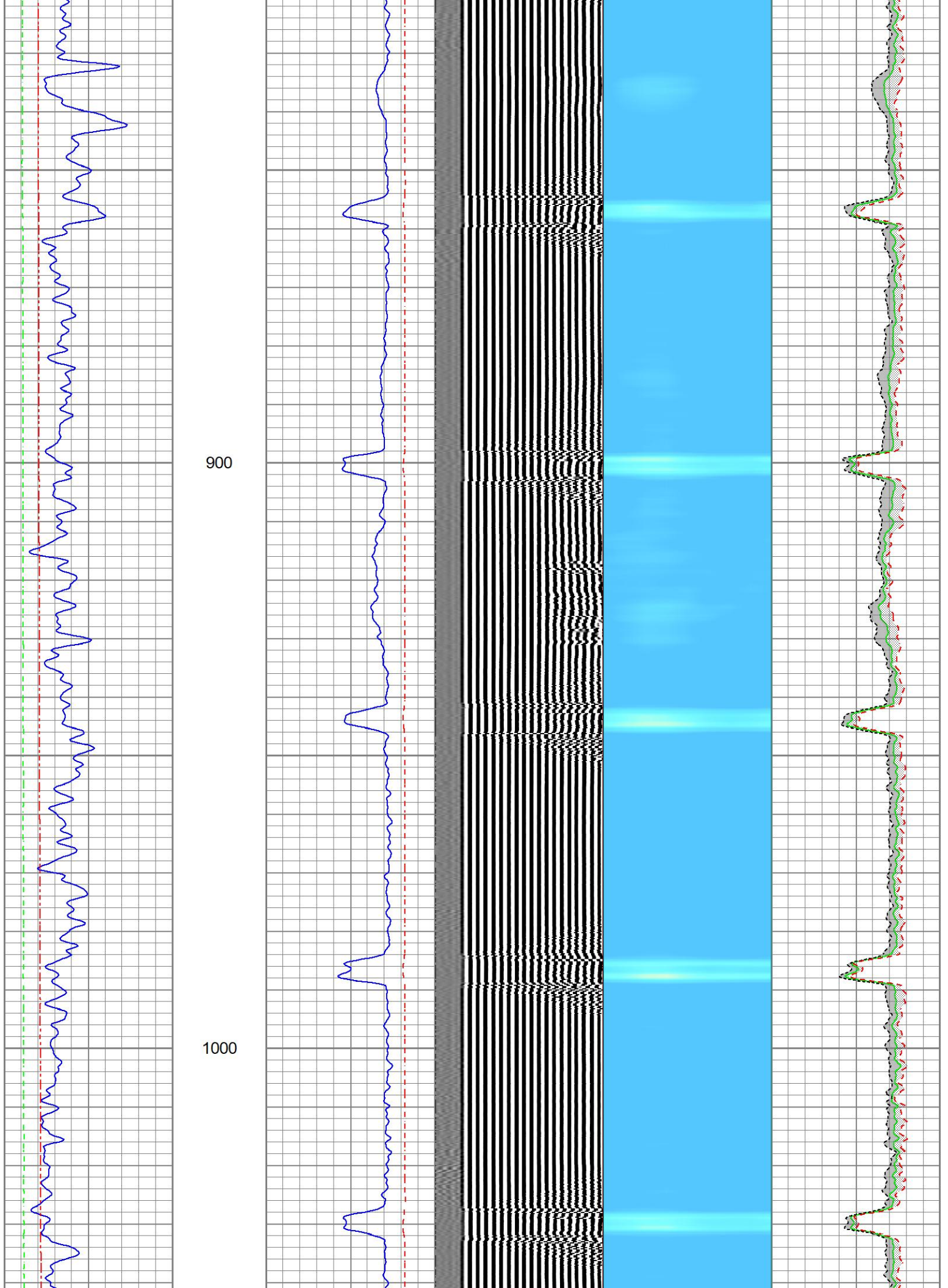
Gamma Ray		3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 200		0 (mV) 100	200 (usec) 1200		0 120
0 LTEN (lb) 4000		3' Amplitude x 5			Minimum Amplitude
0 Temp (degF) 300		0 (mV) 20			0 120
		3' Travel Time			Maximum Amplitude
		650 (usec) 150			0 120

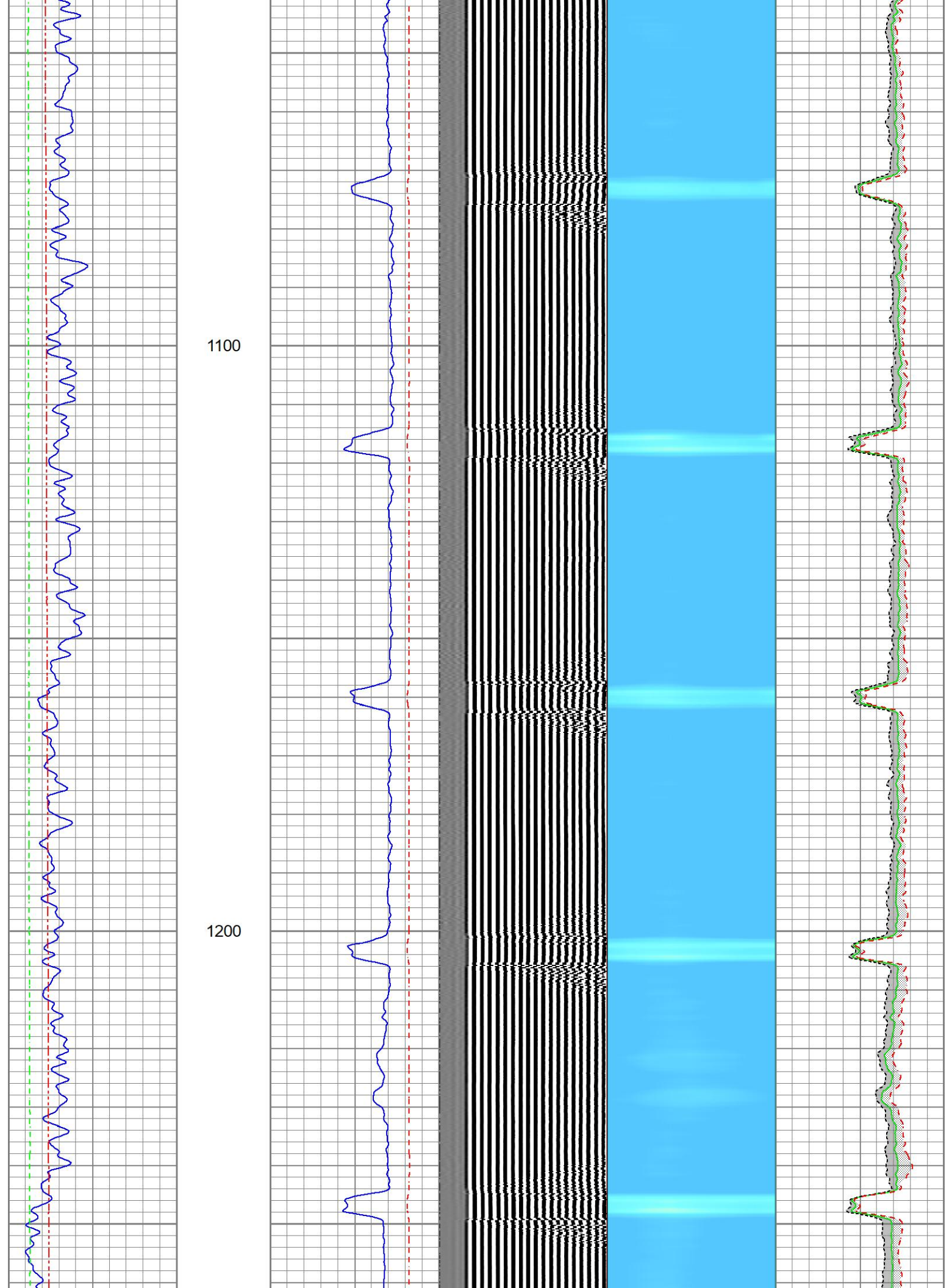


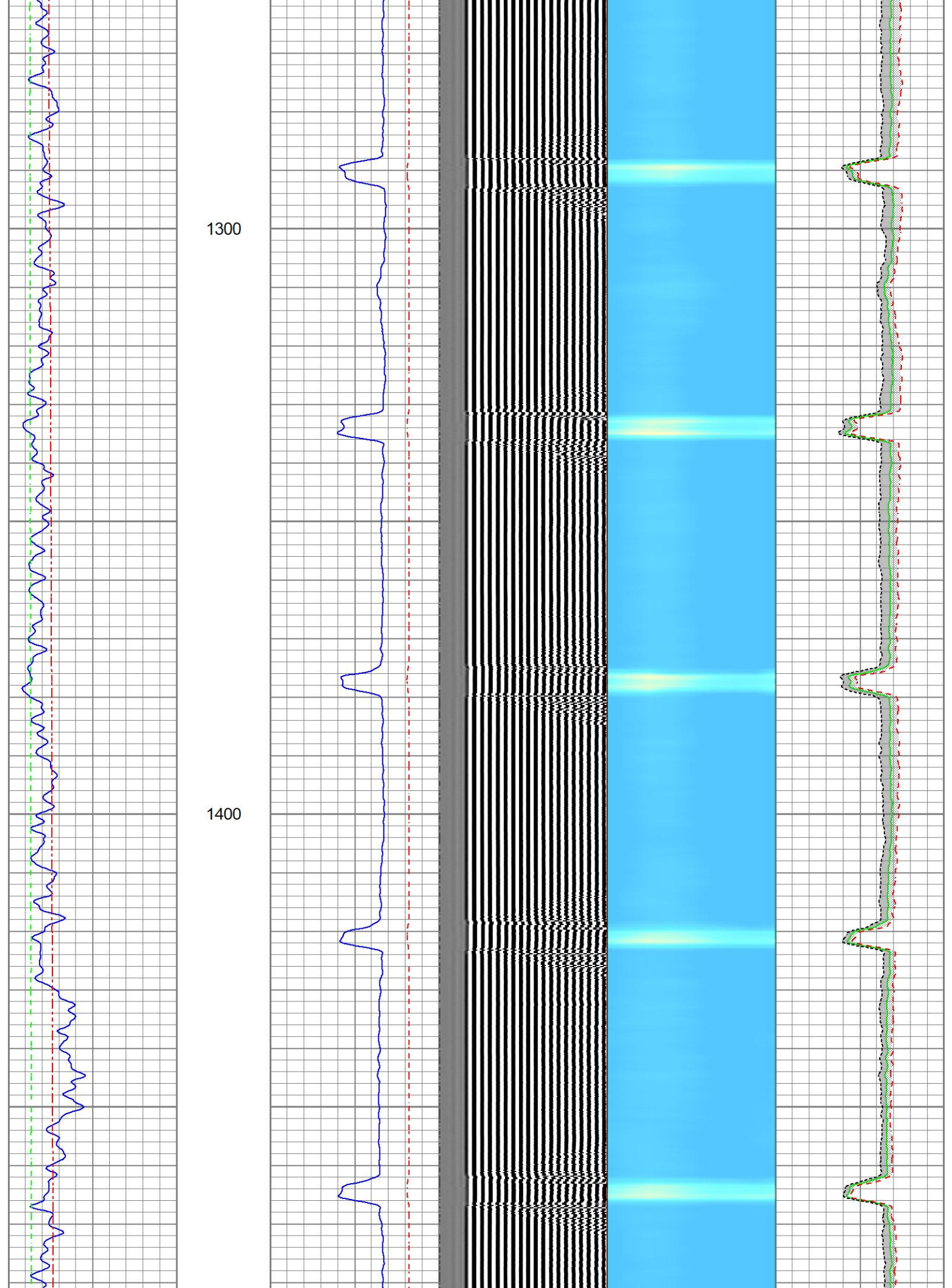


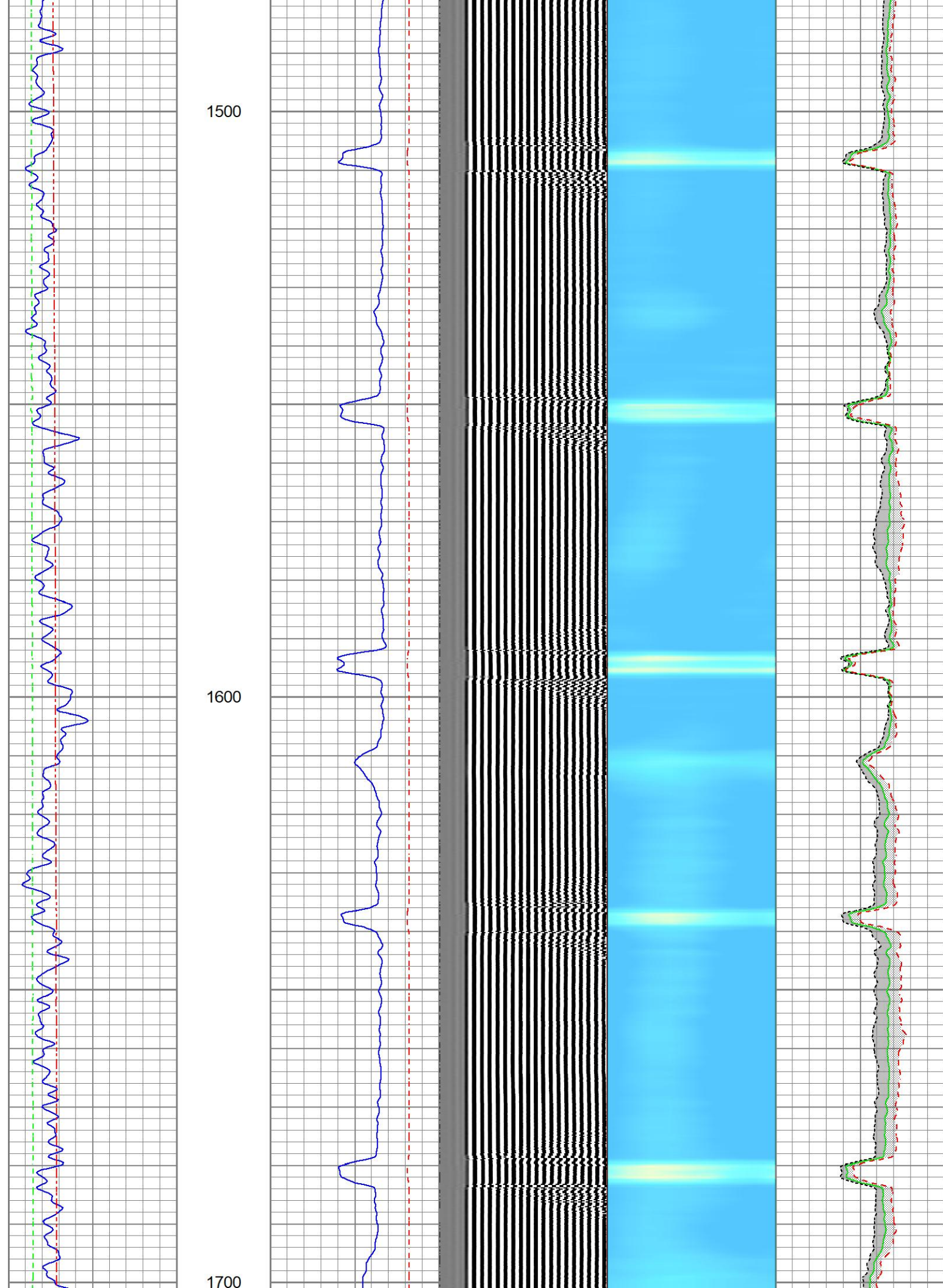


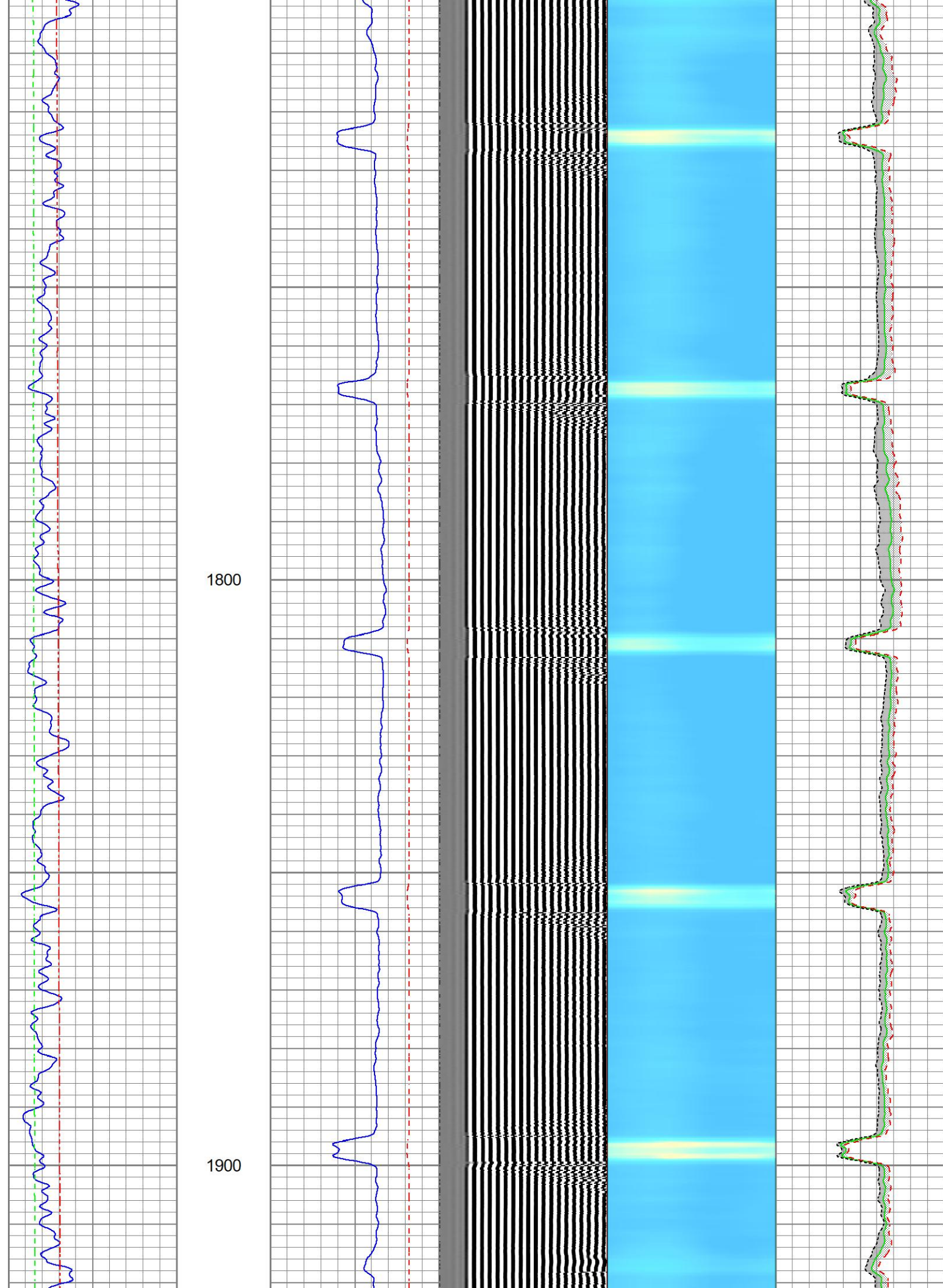


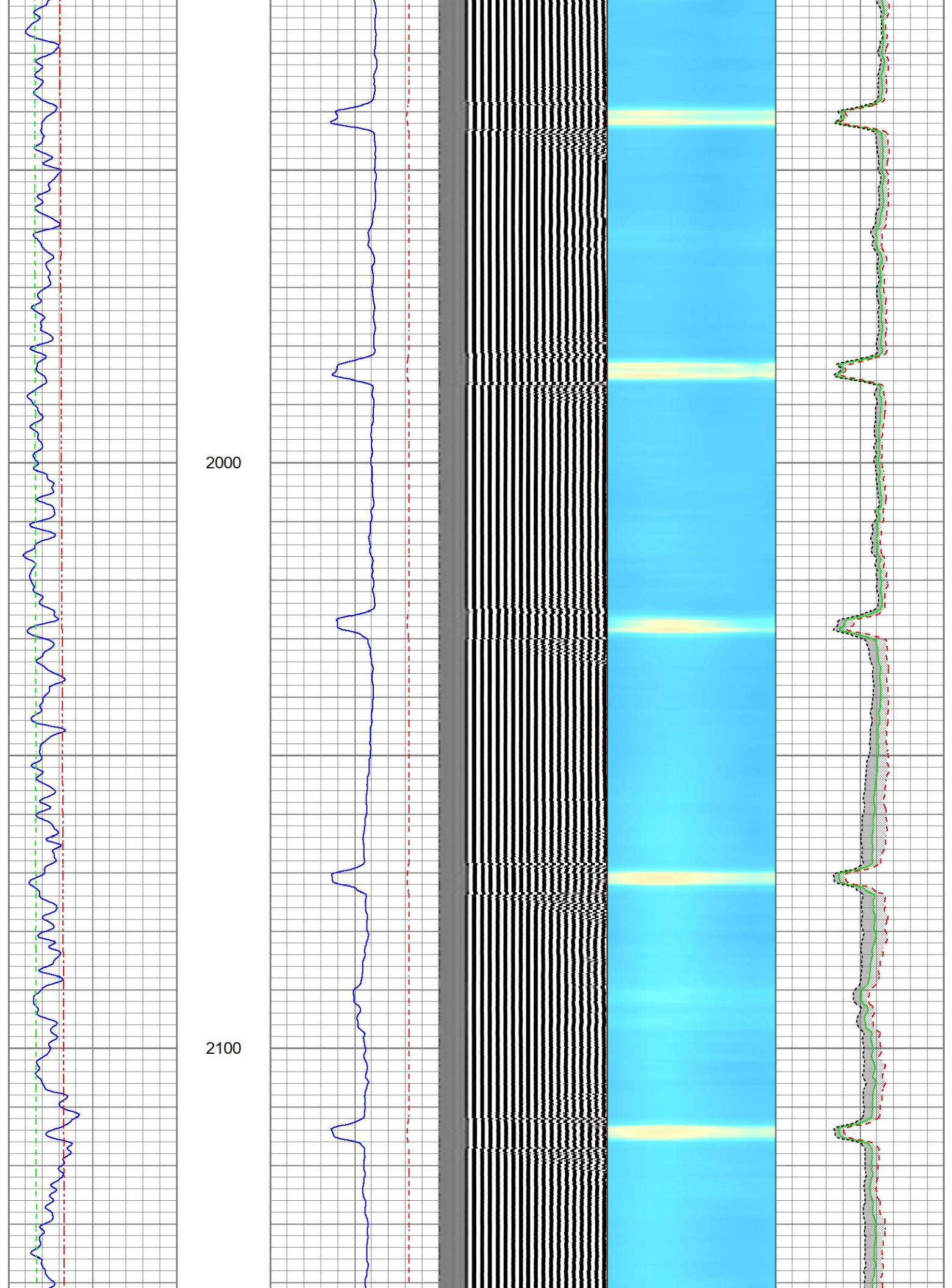


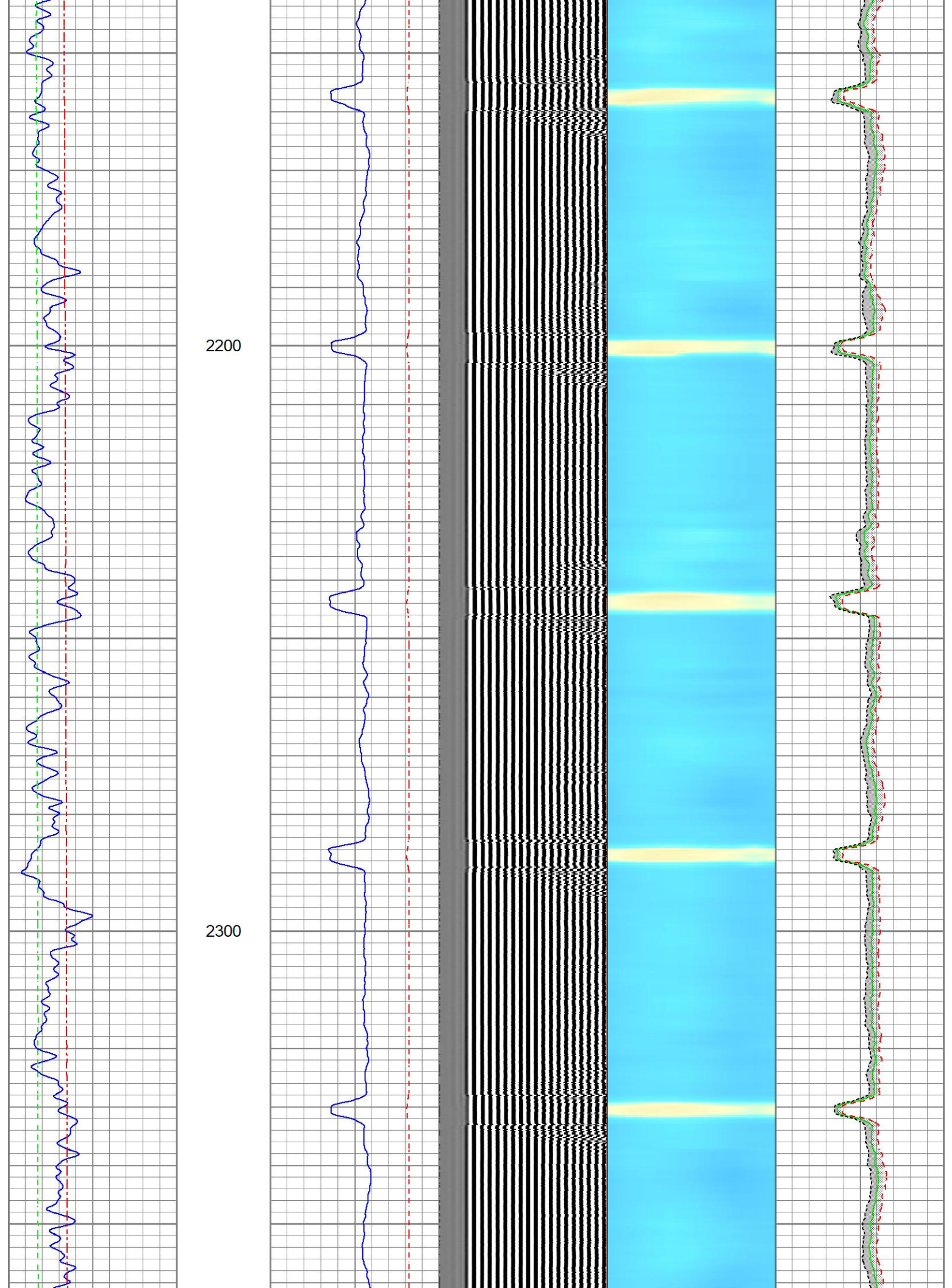






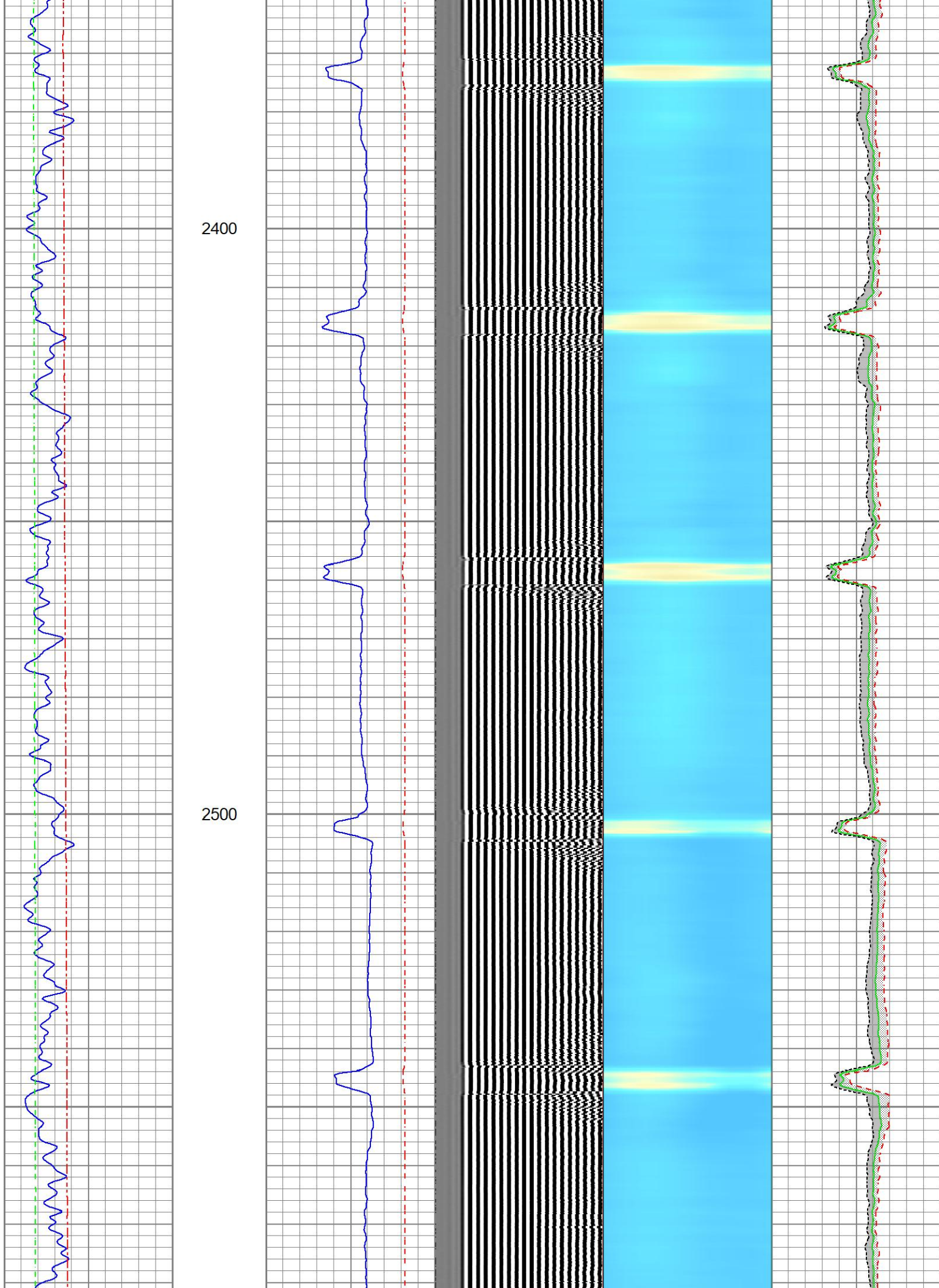






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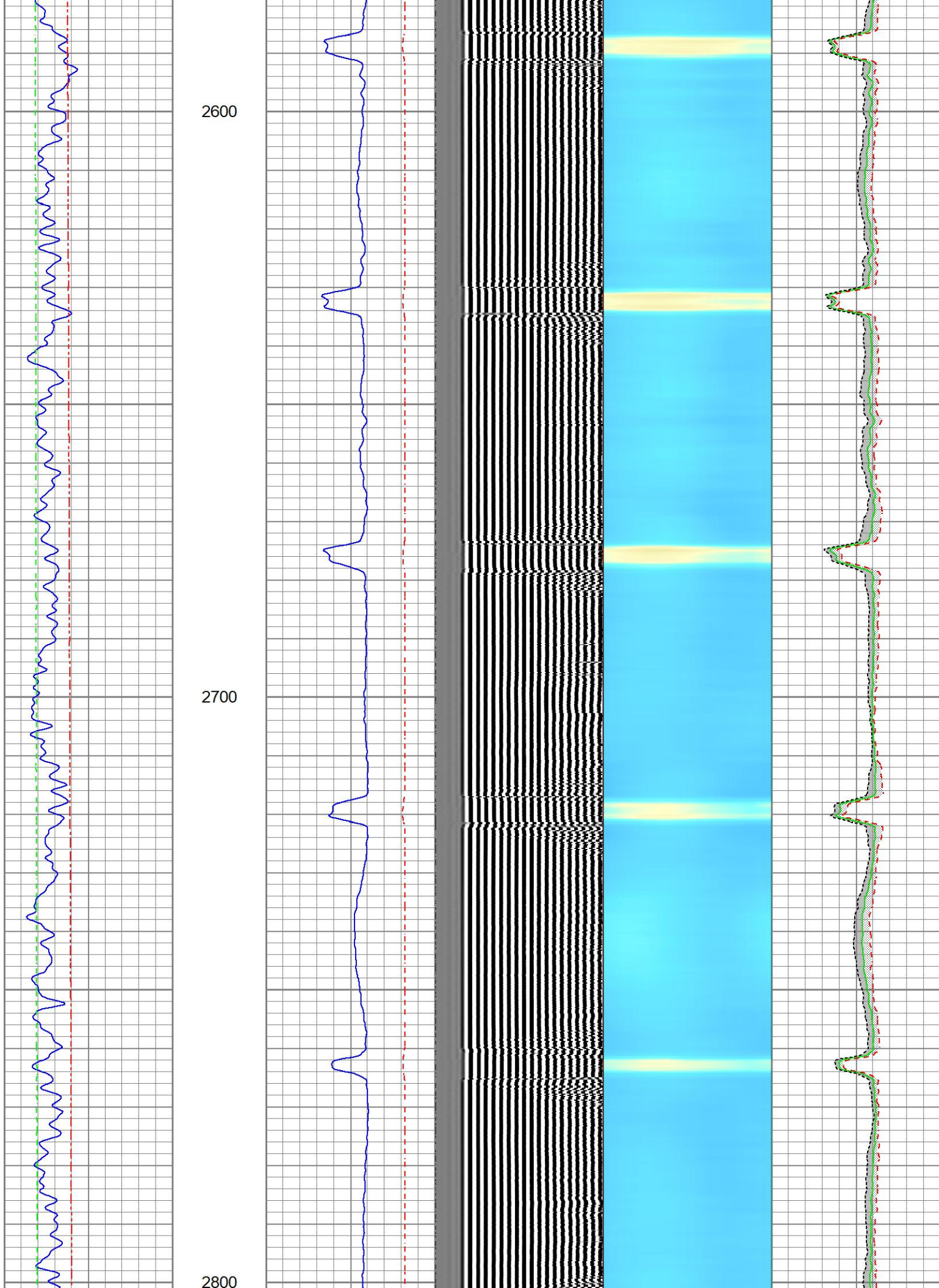
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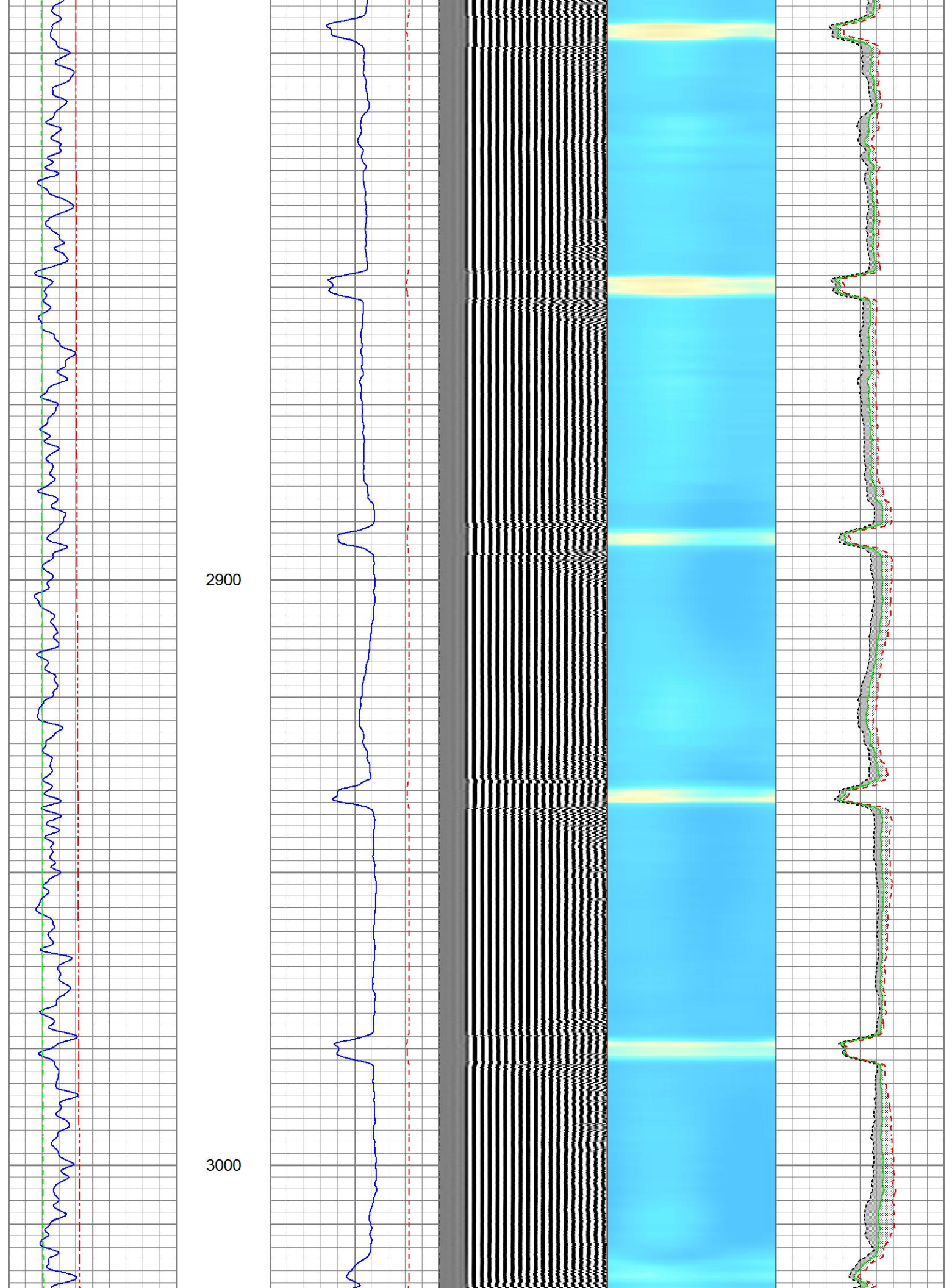


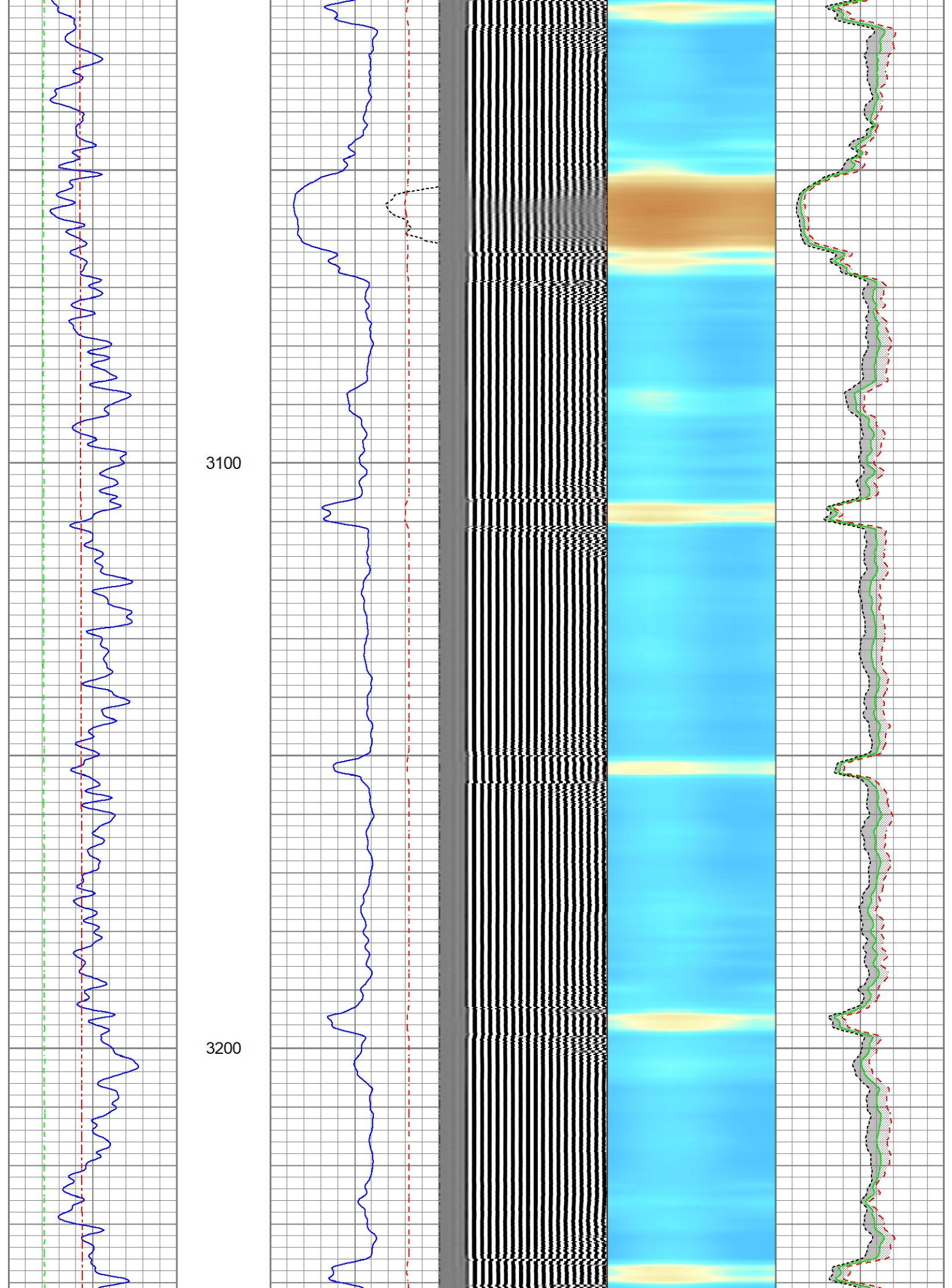
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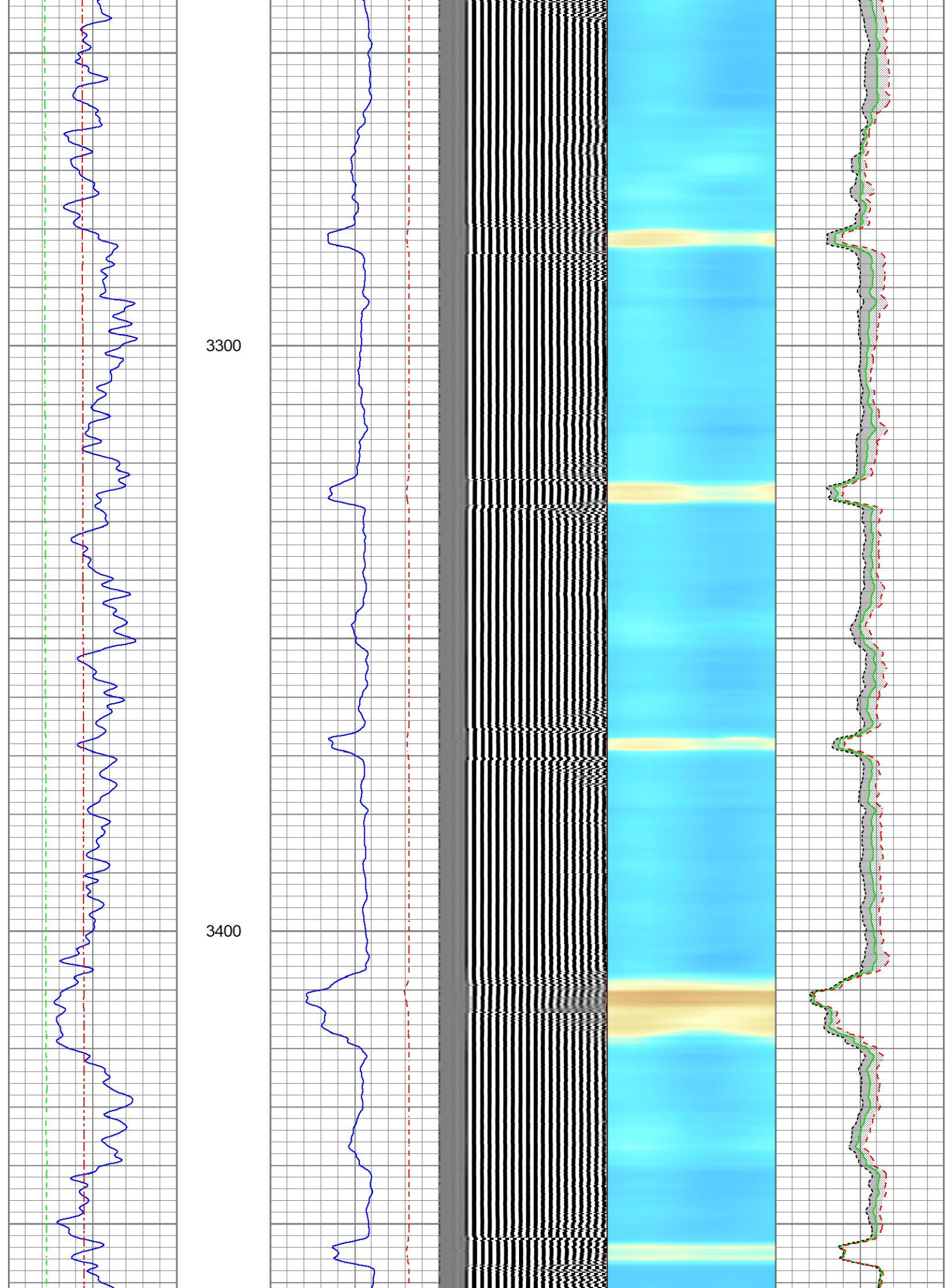
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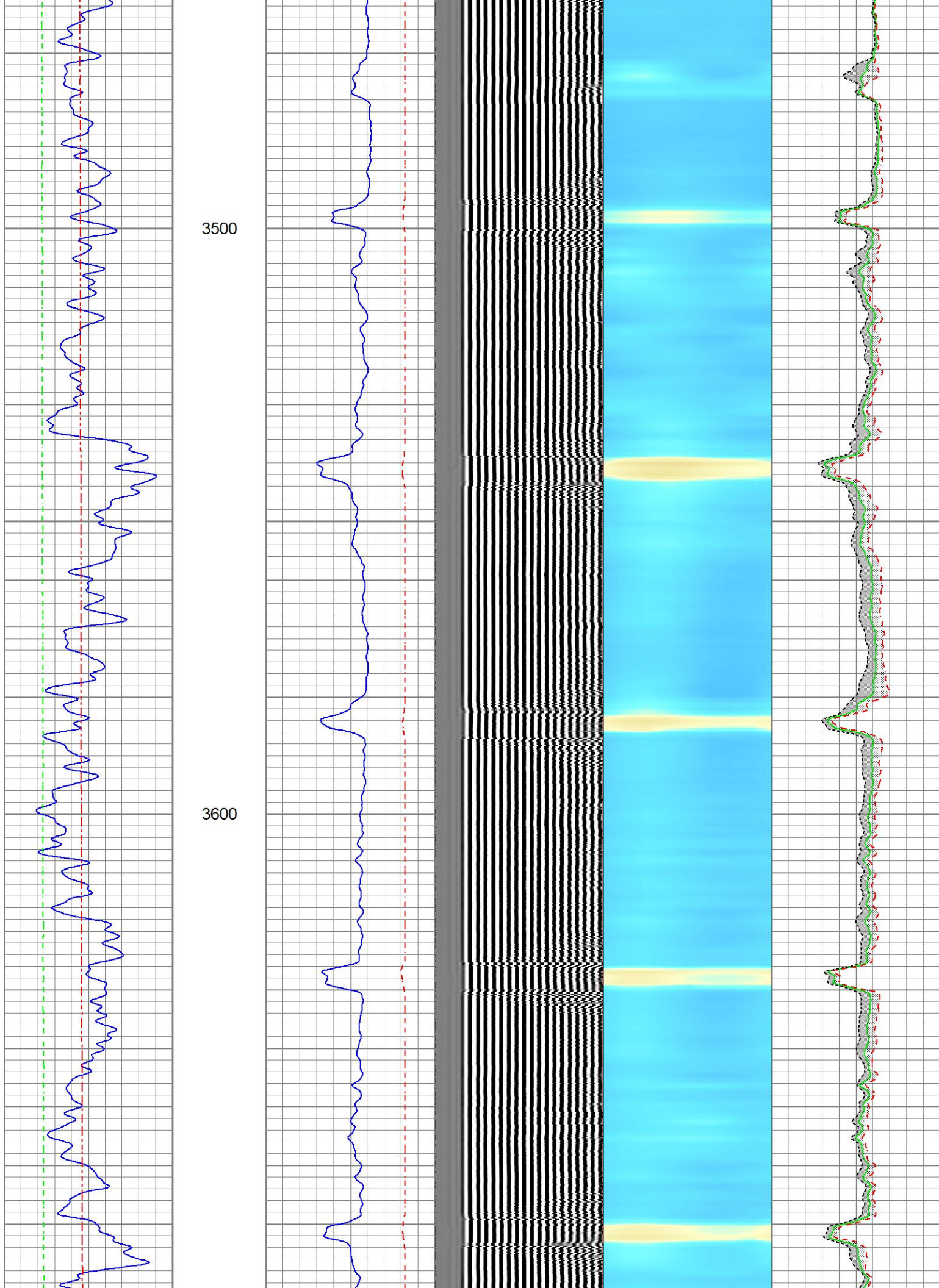


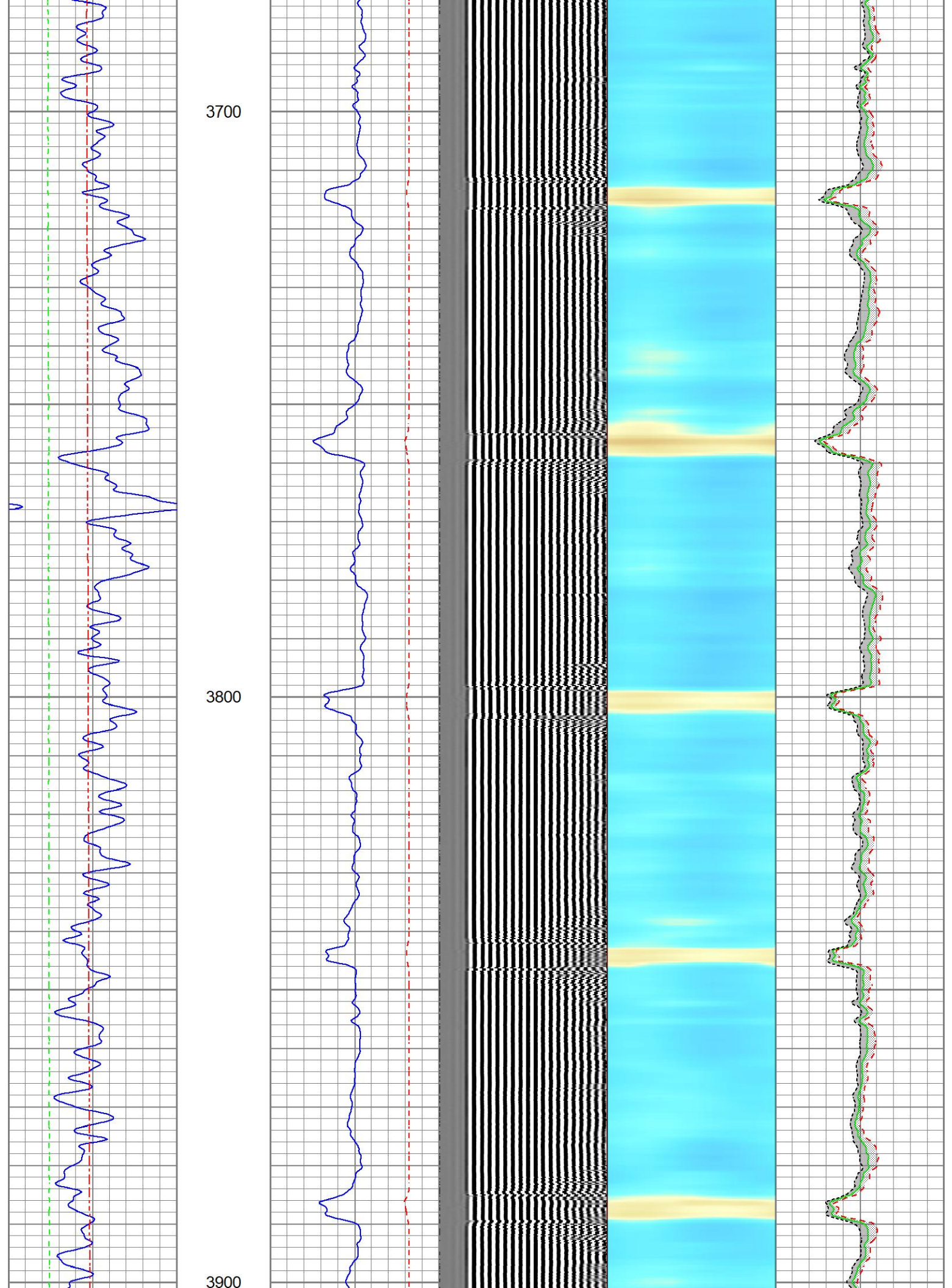


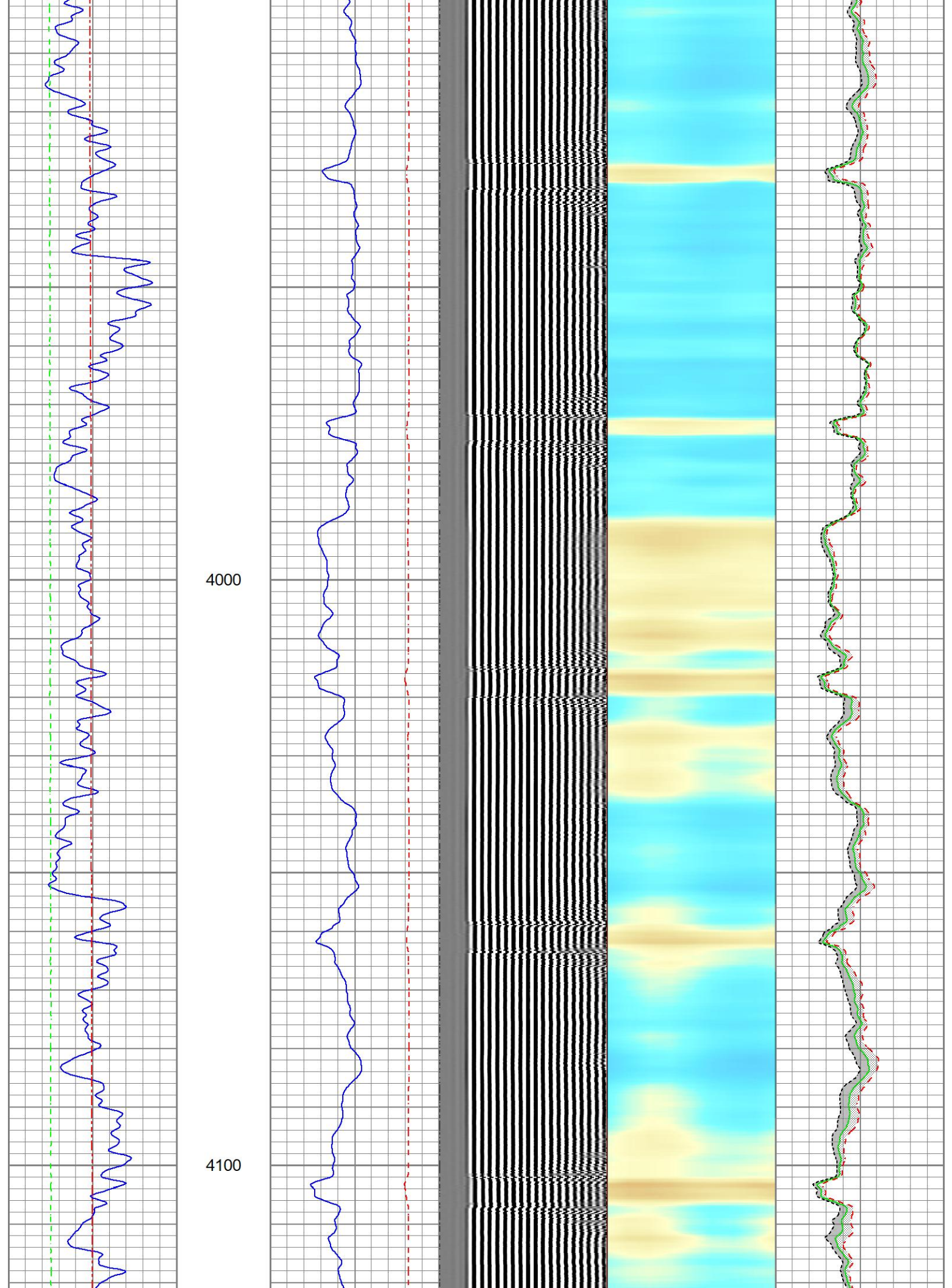


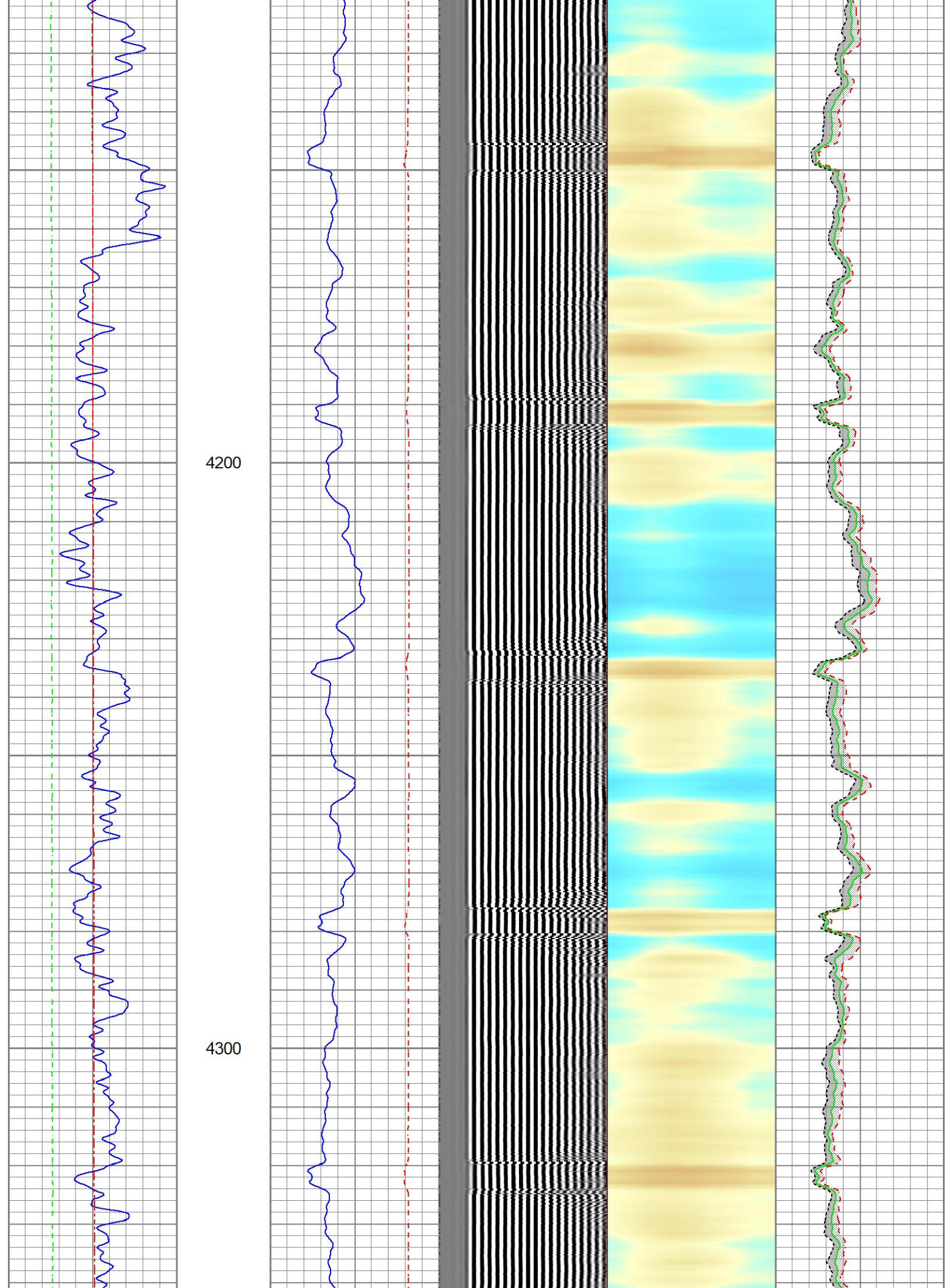
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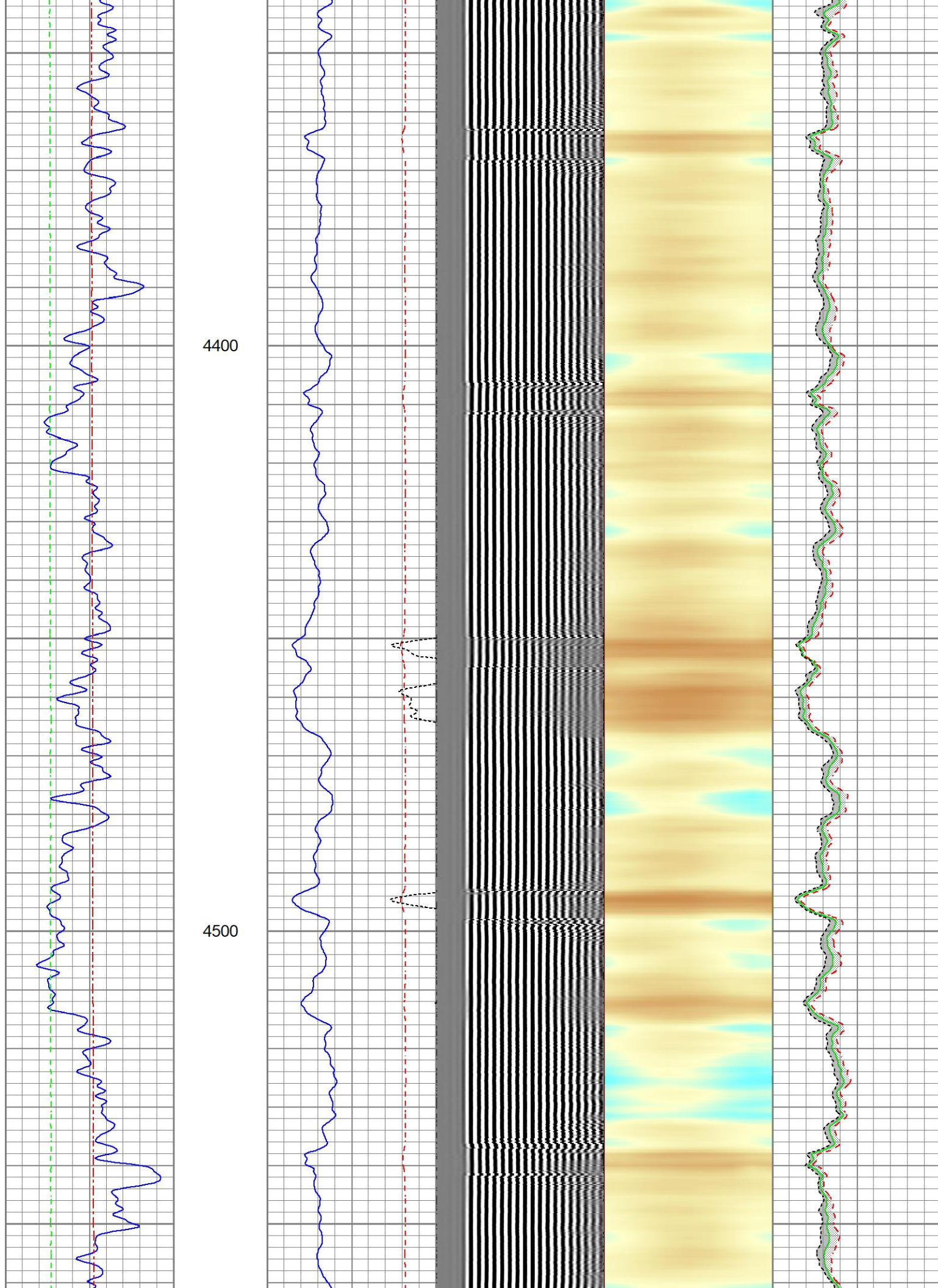
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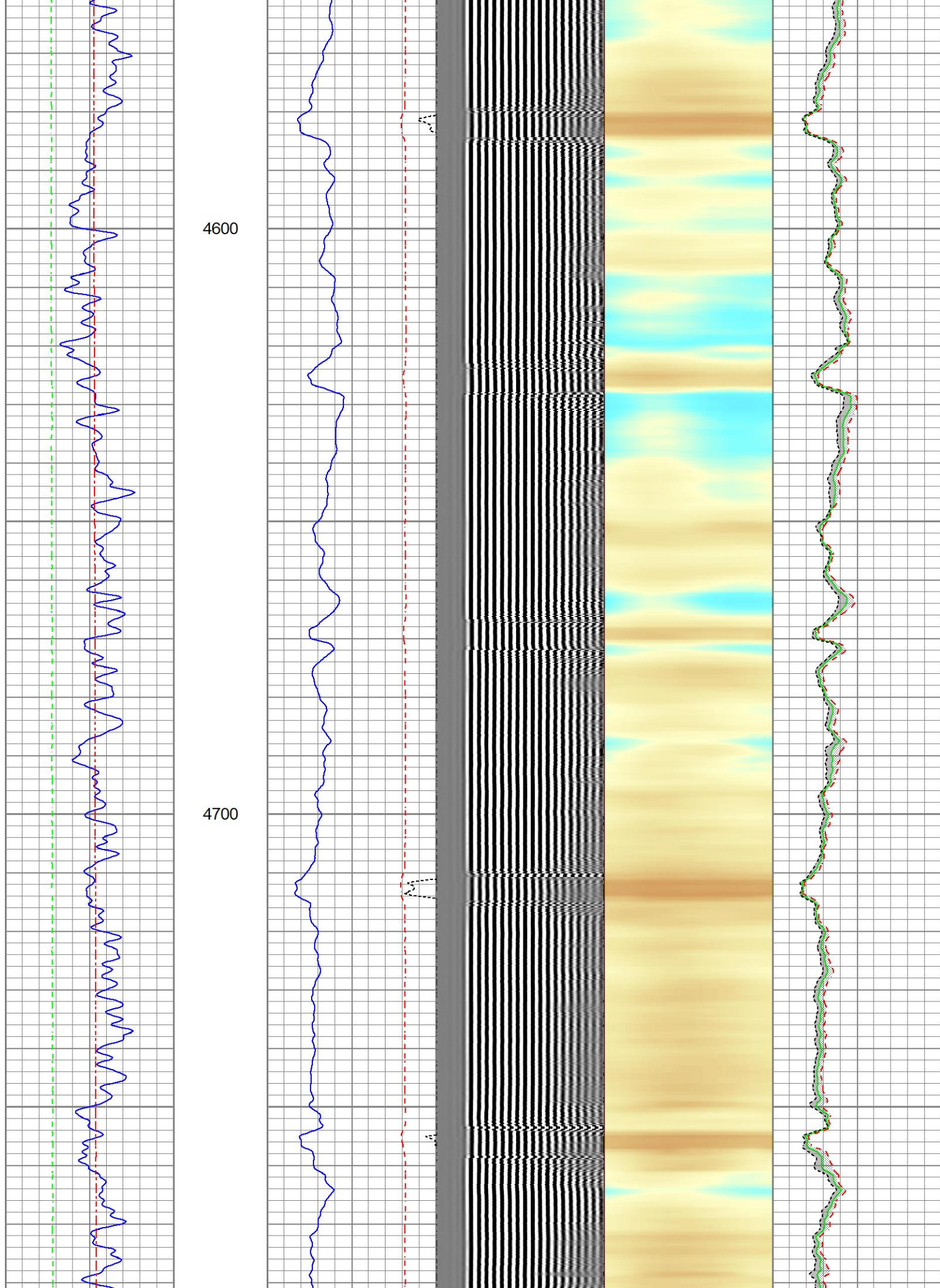


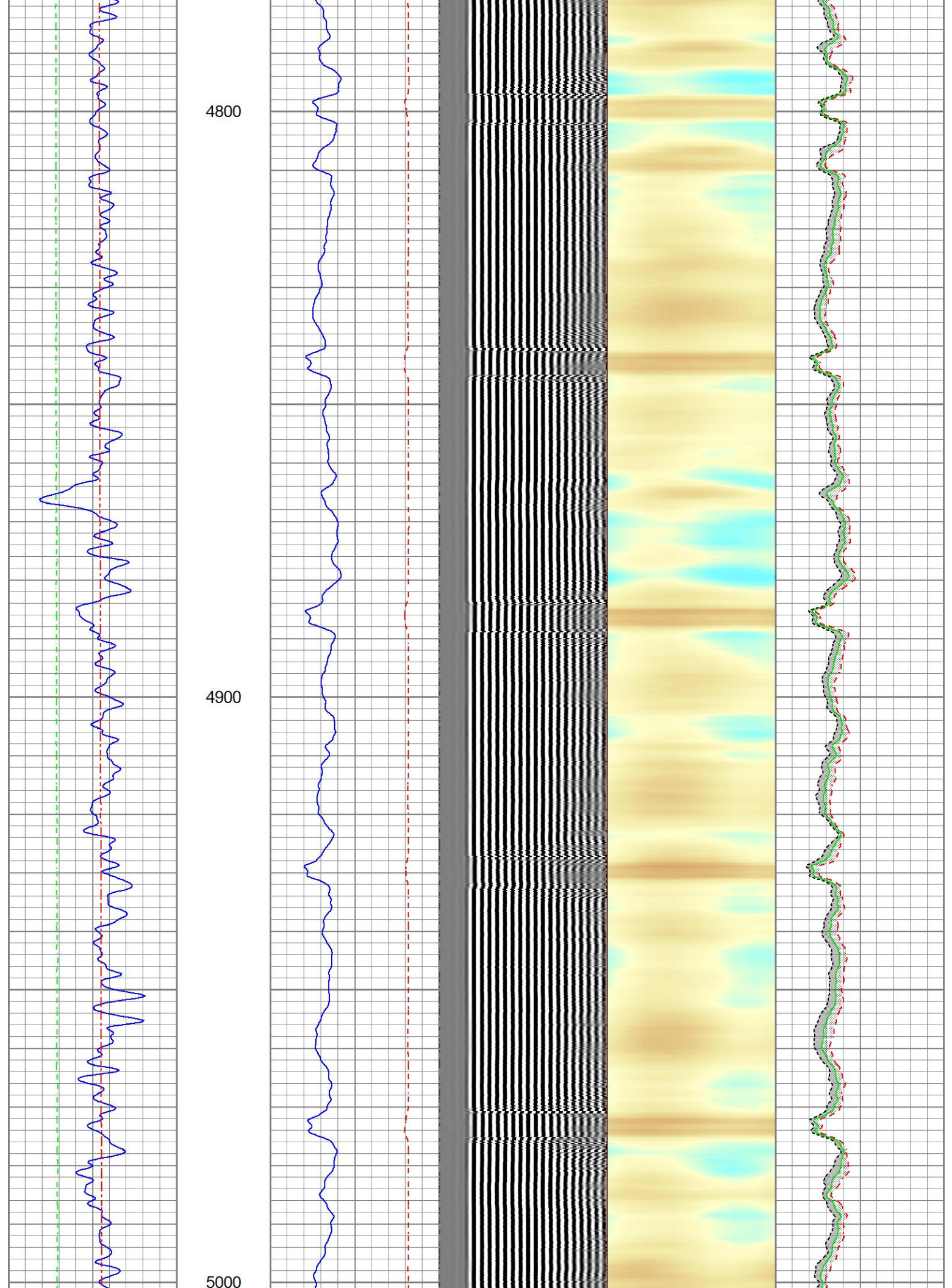


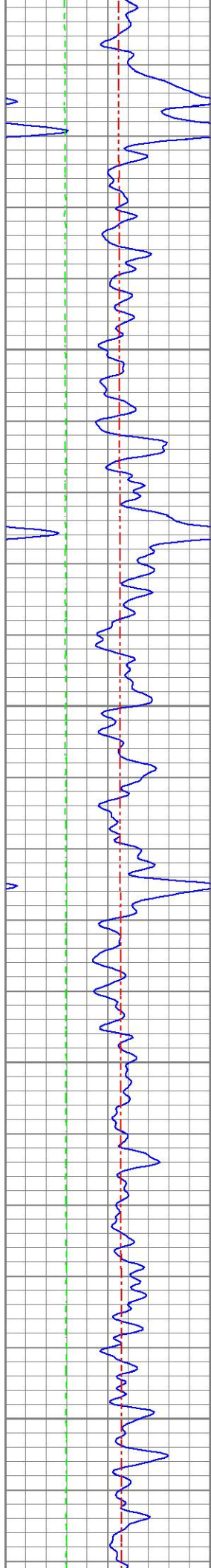


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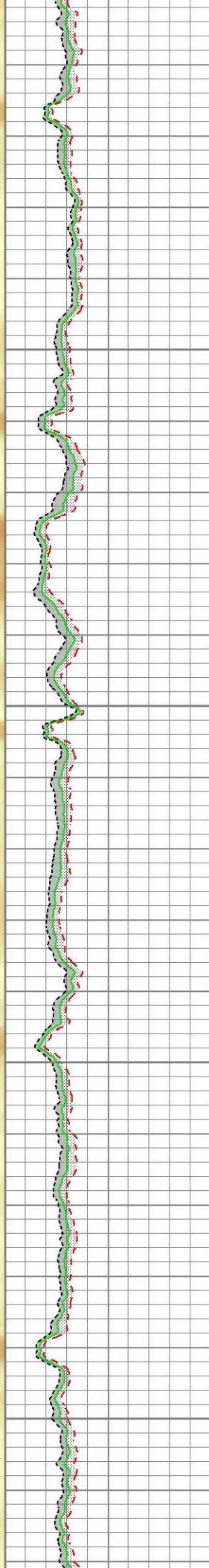
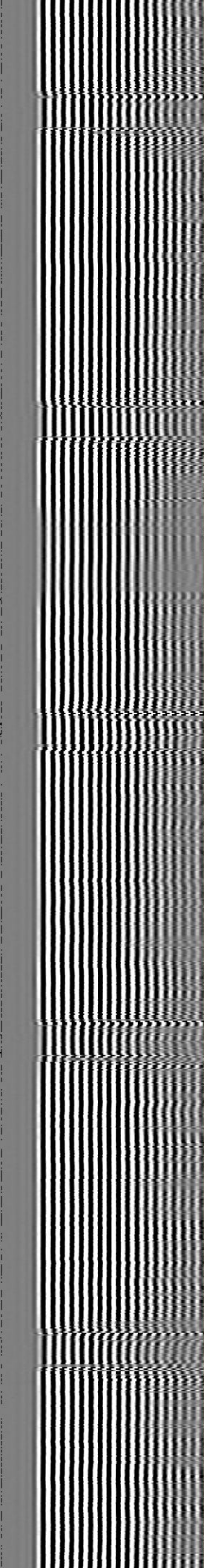
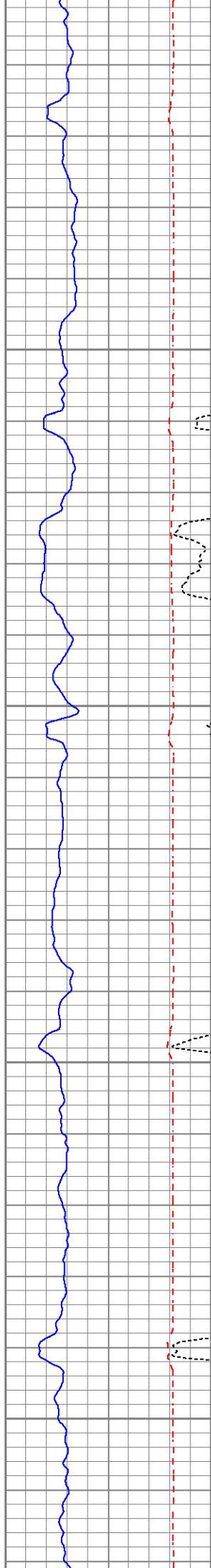


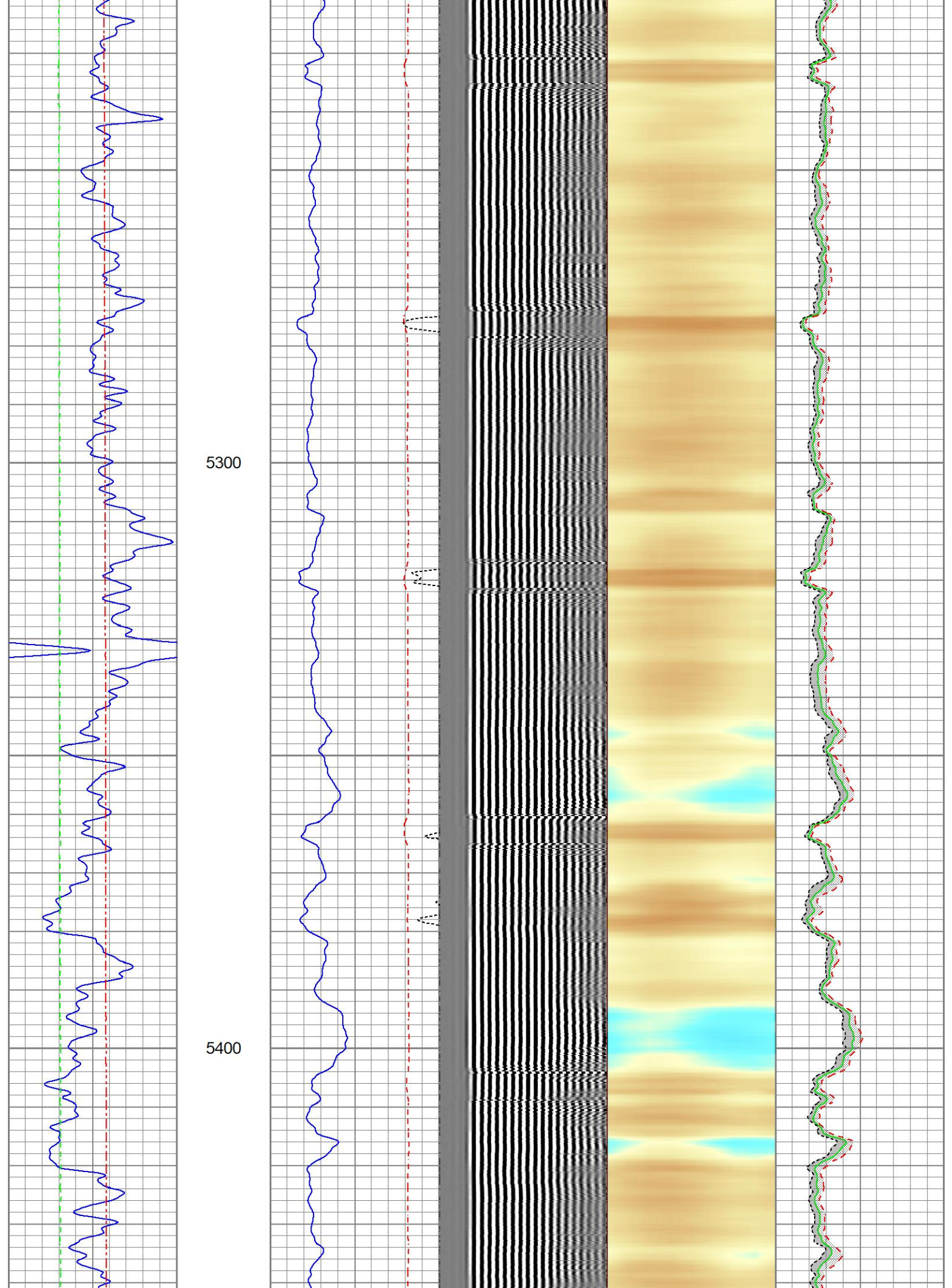


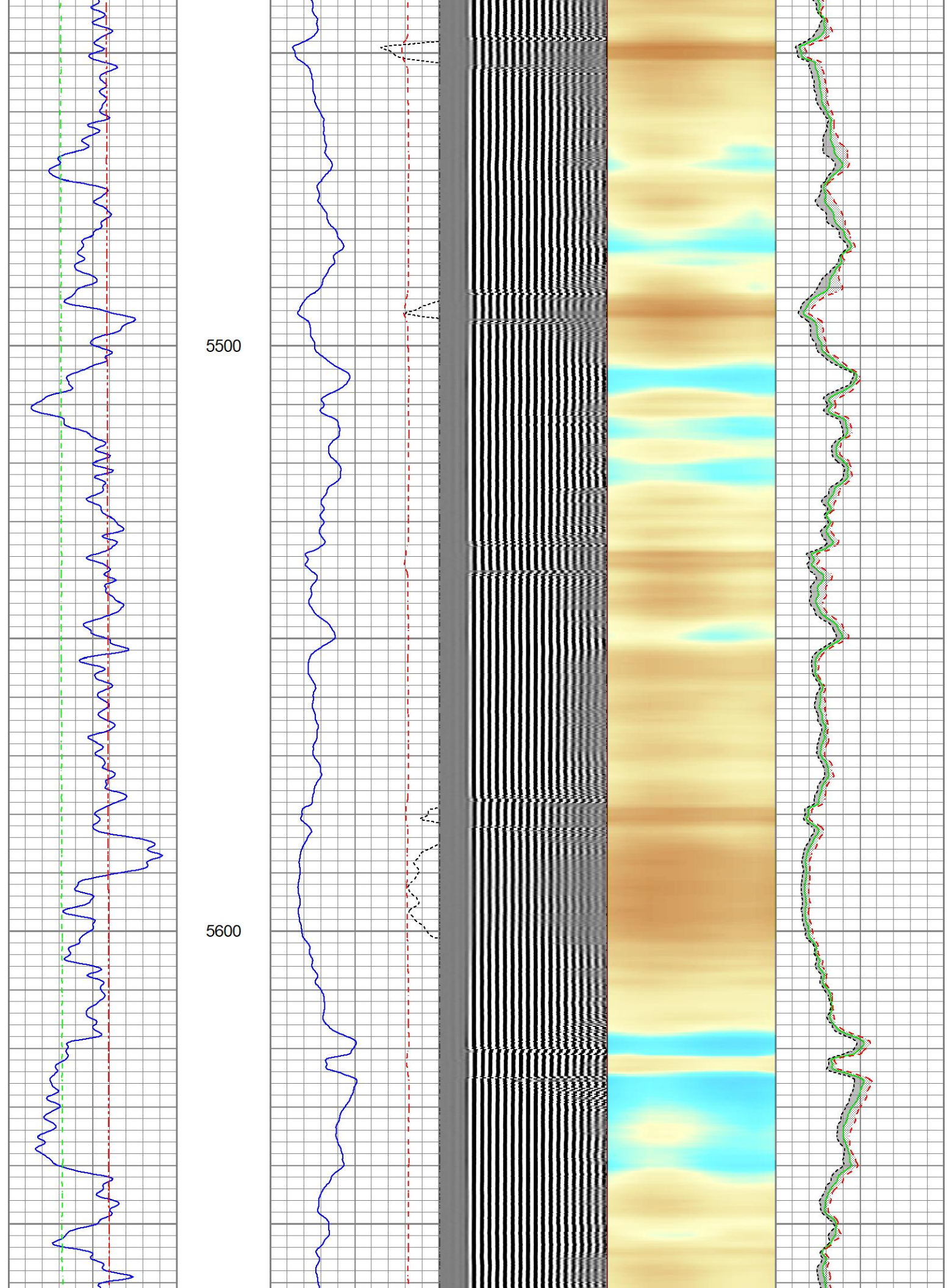


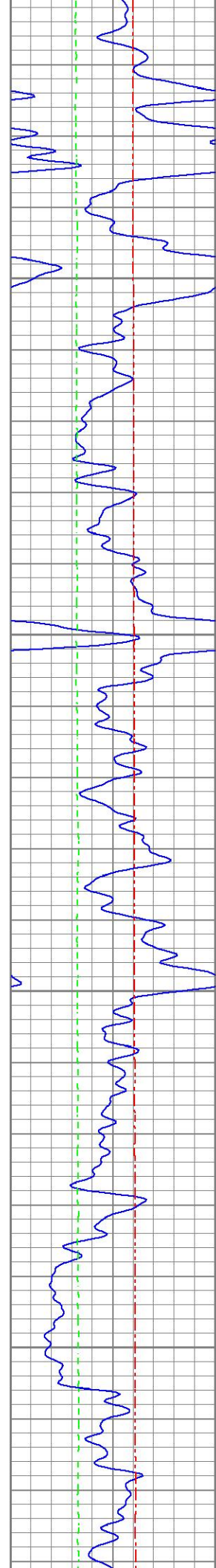
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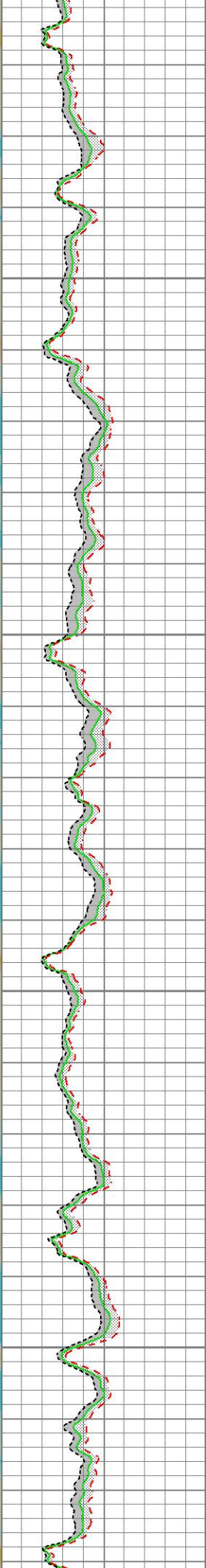
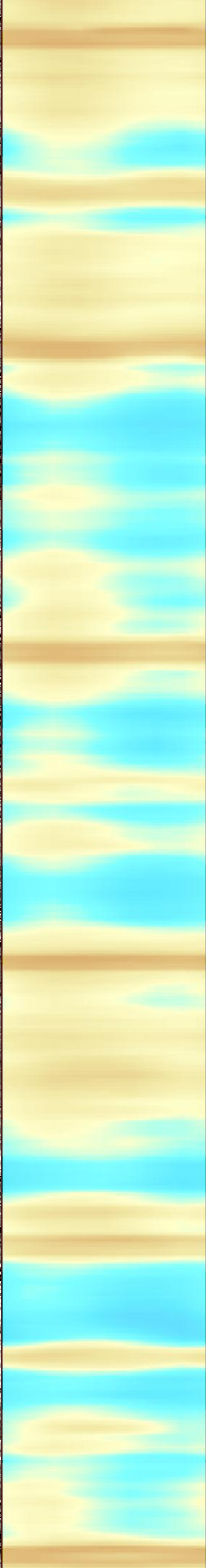
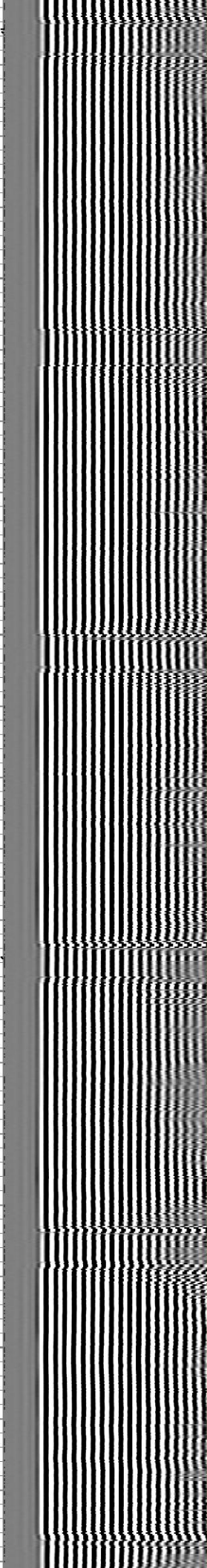


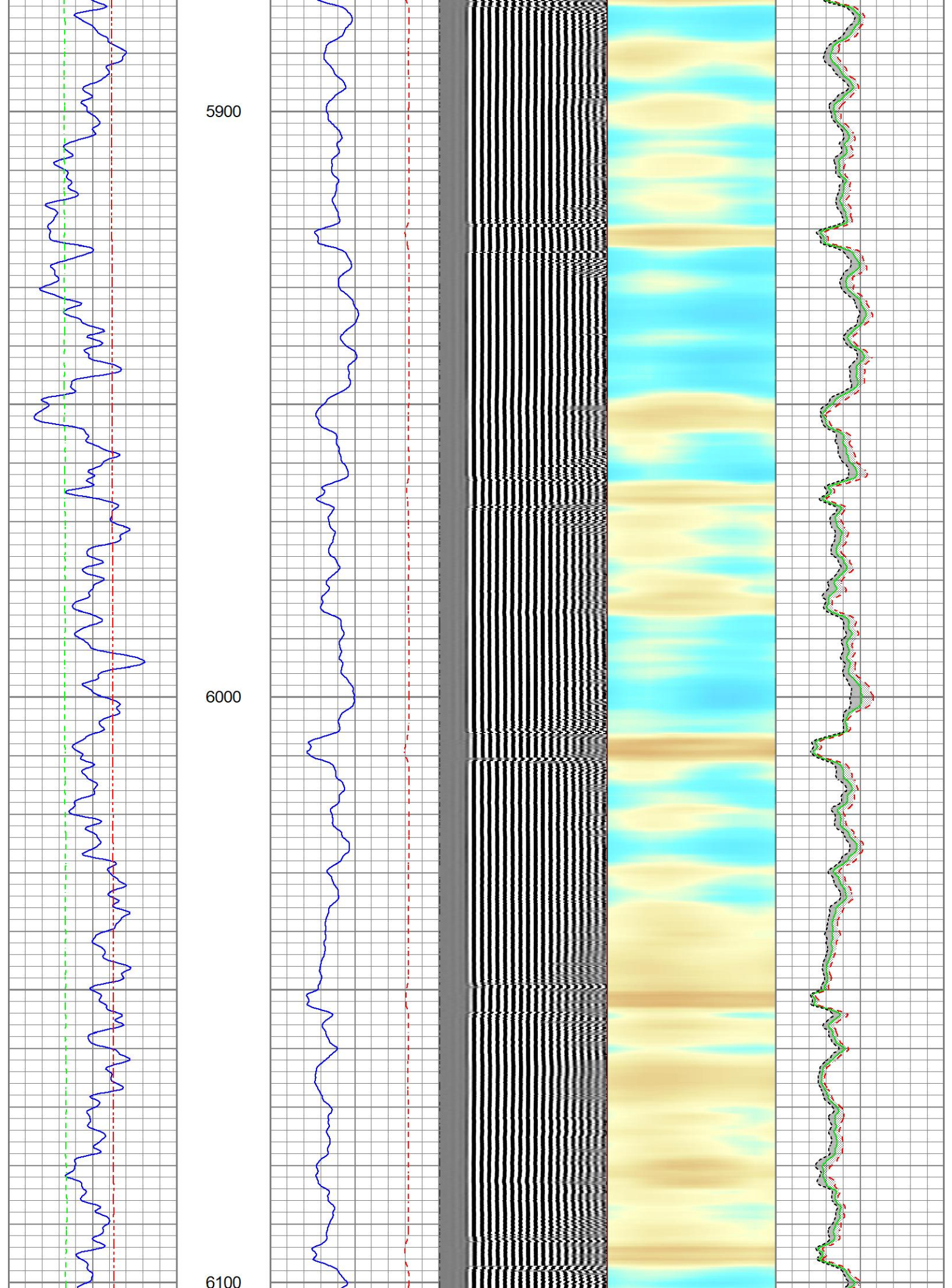


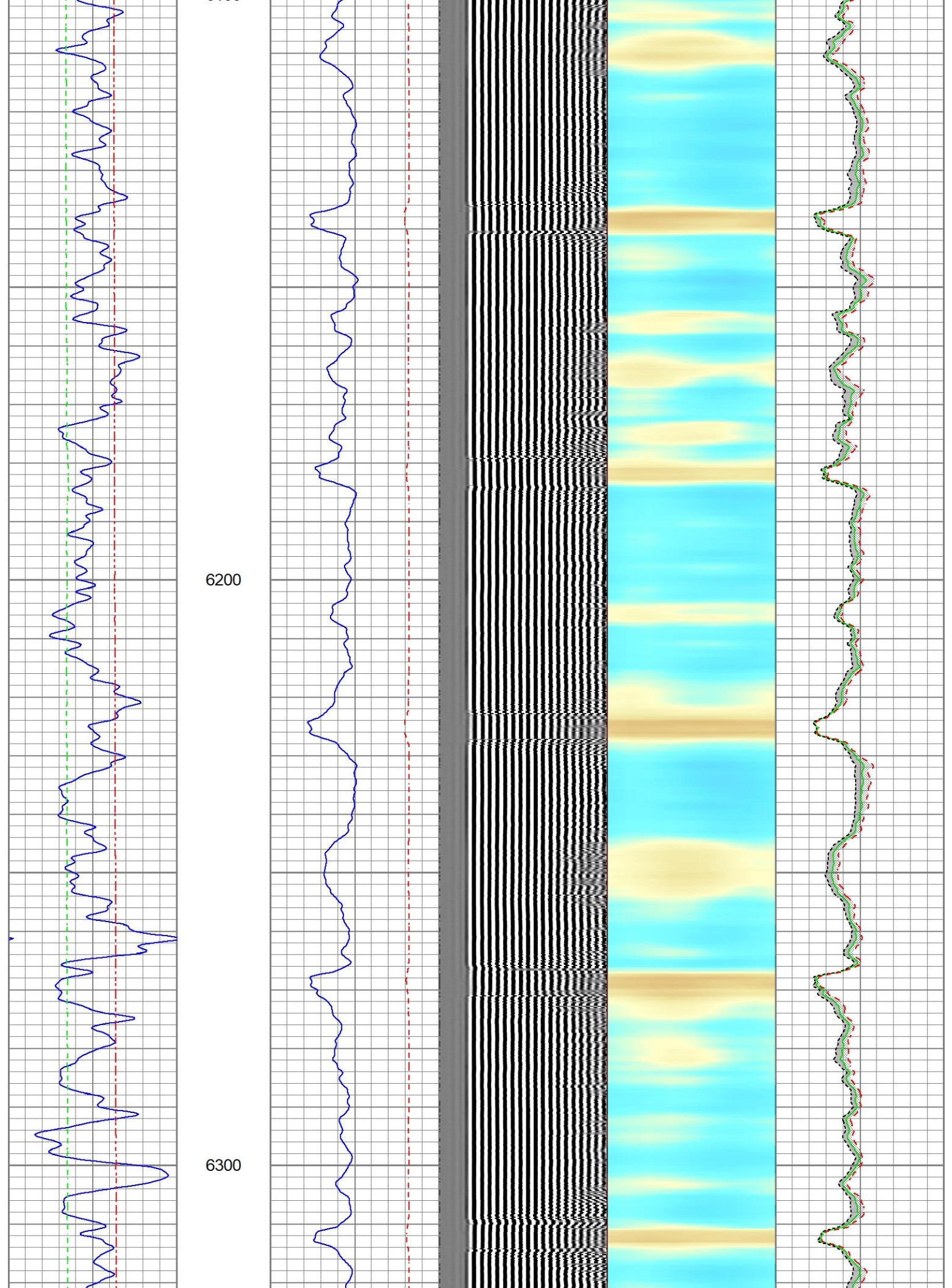


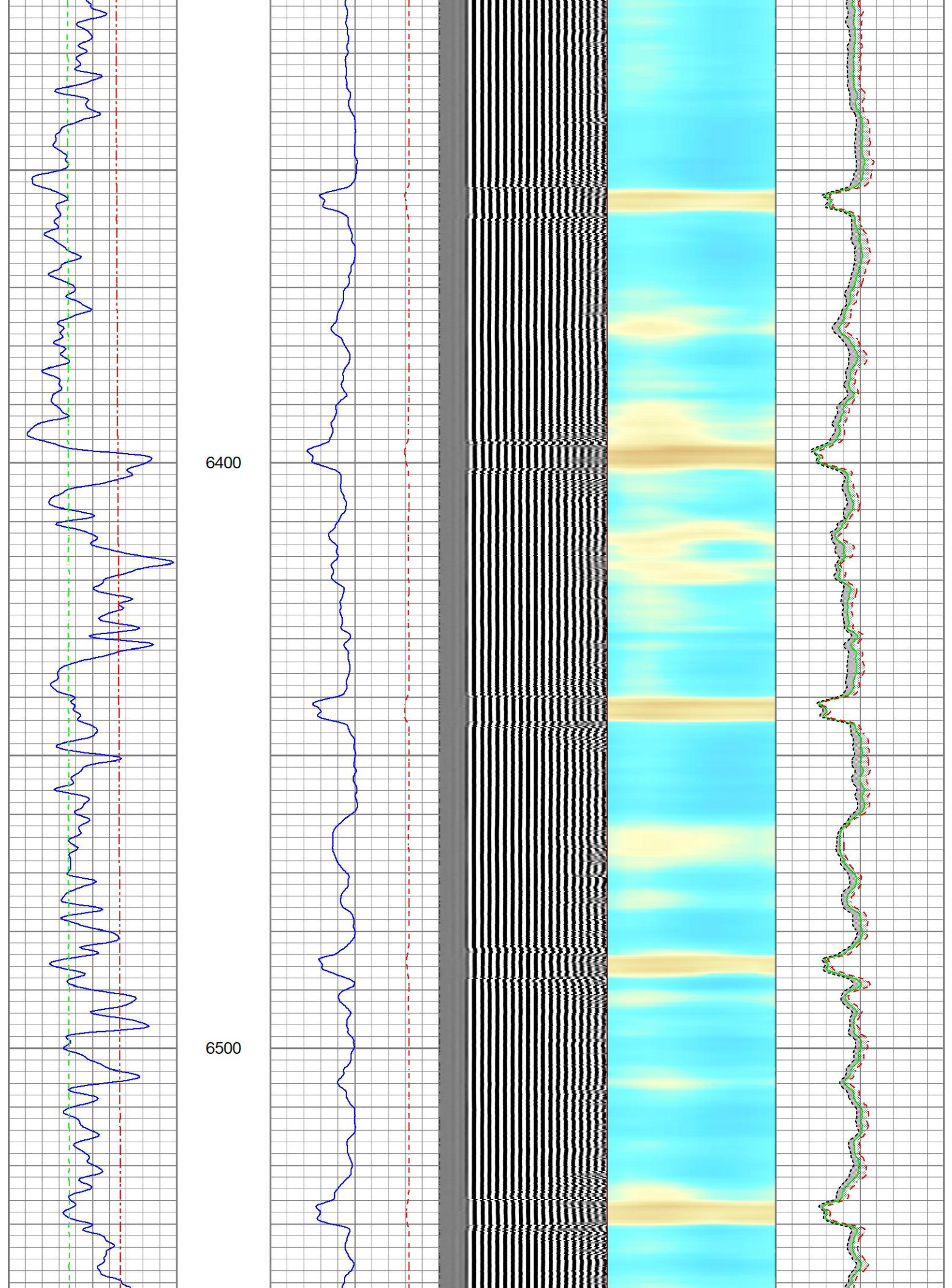
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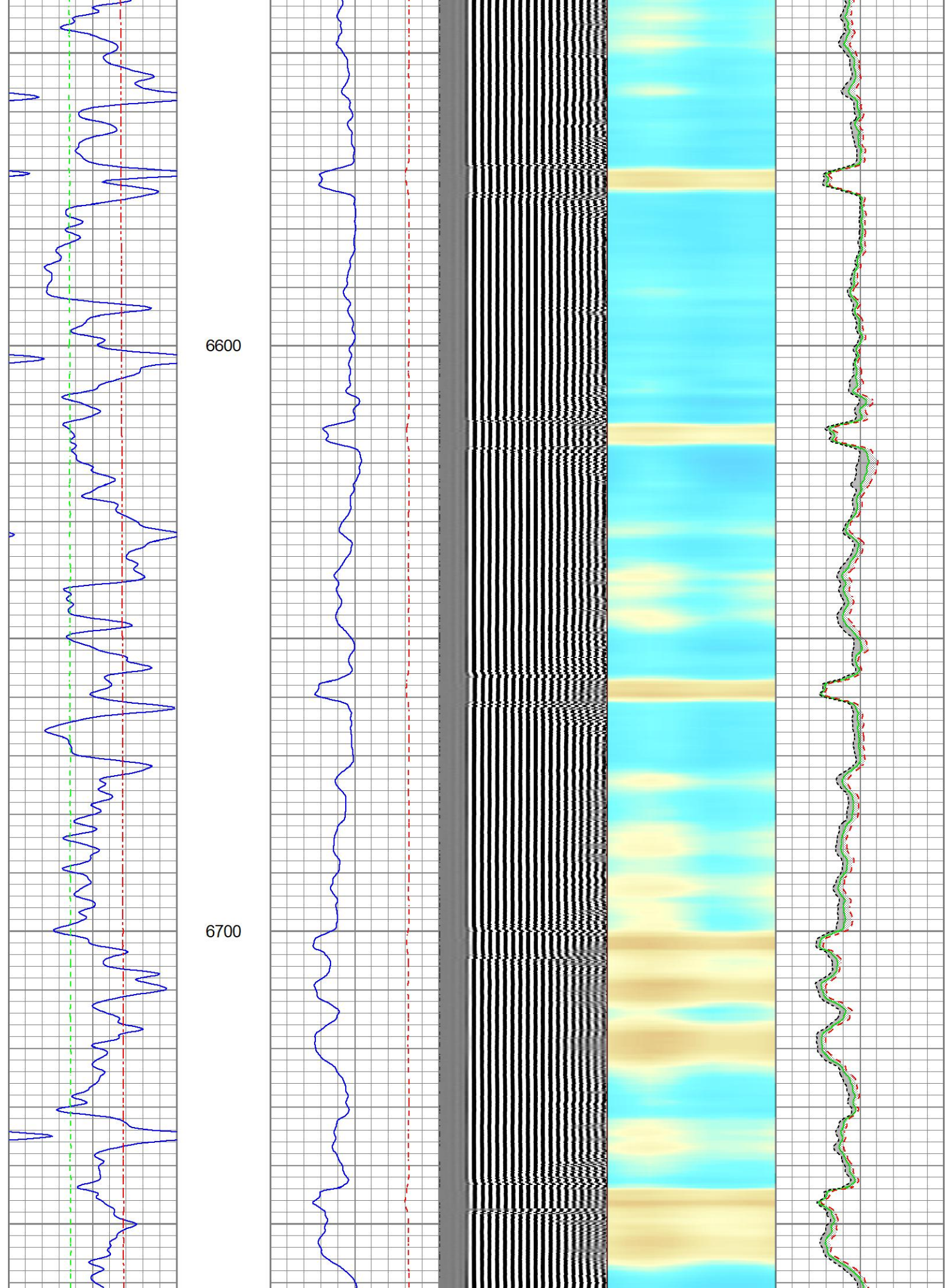
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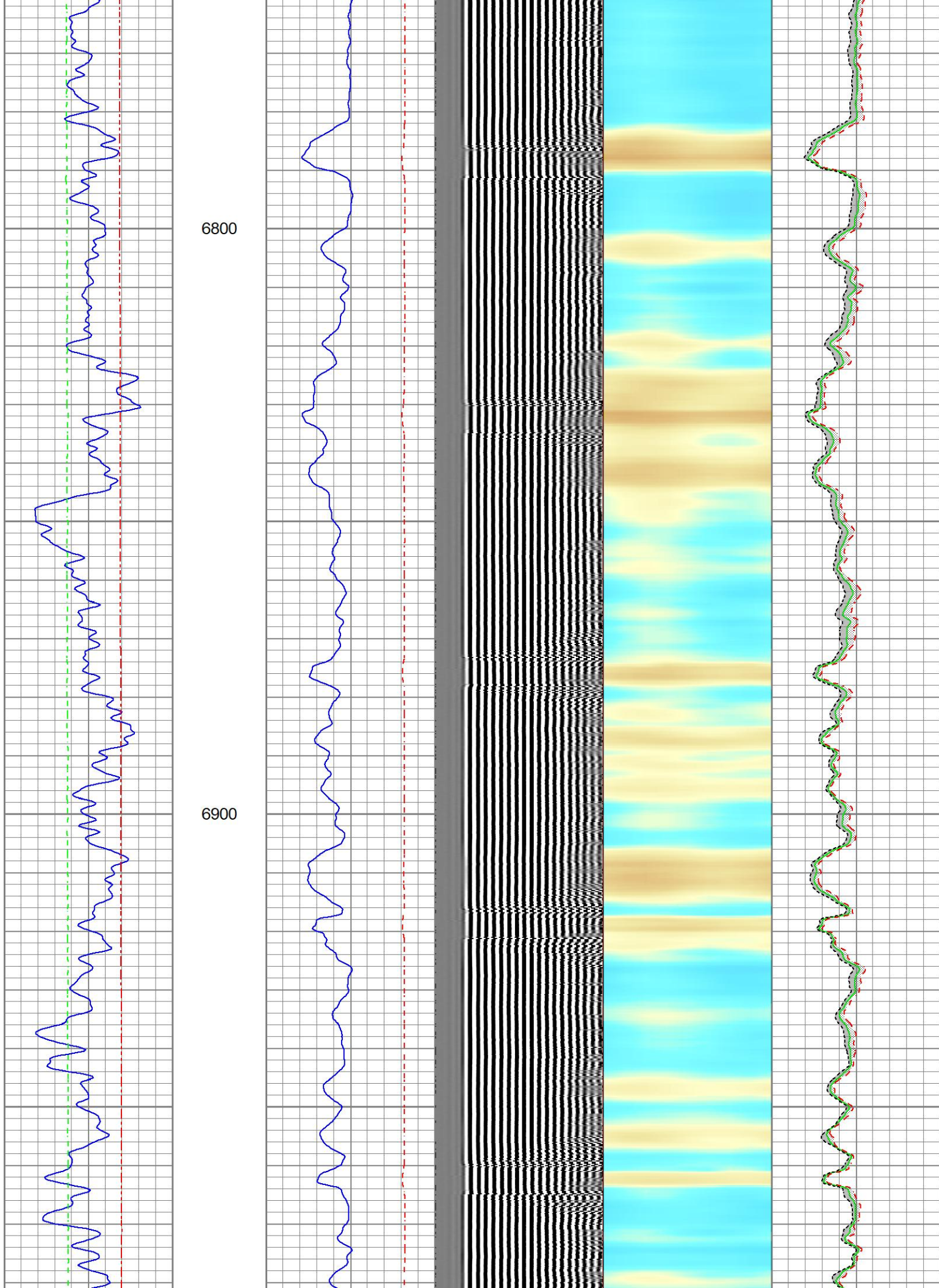


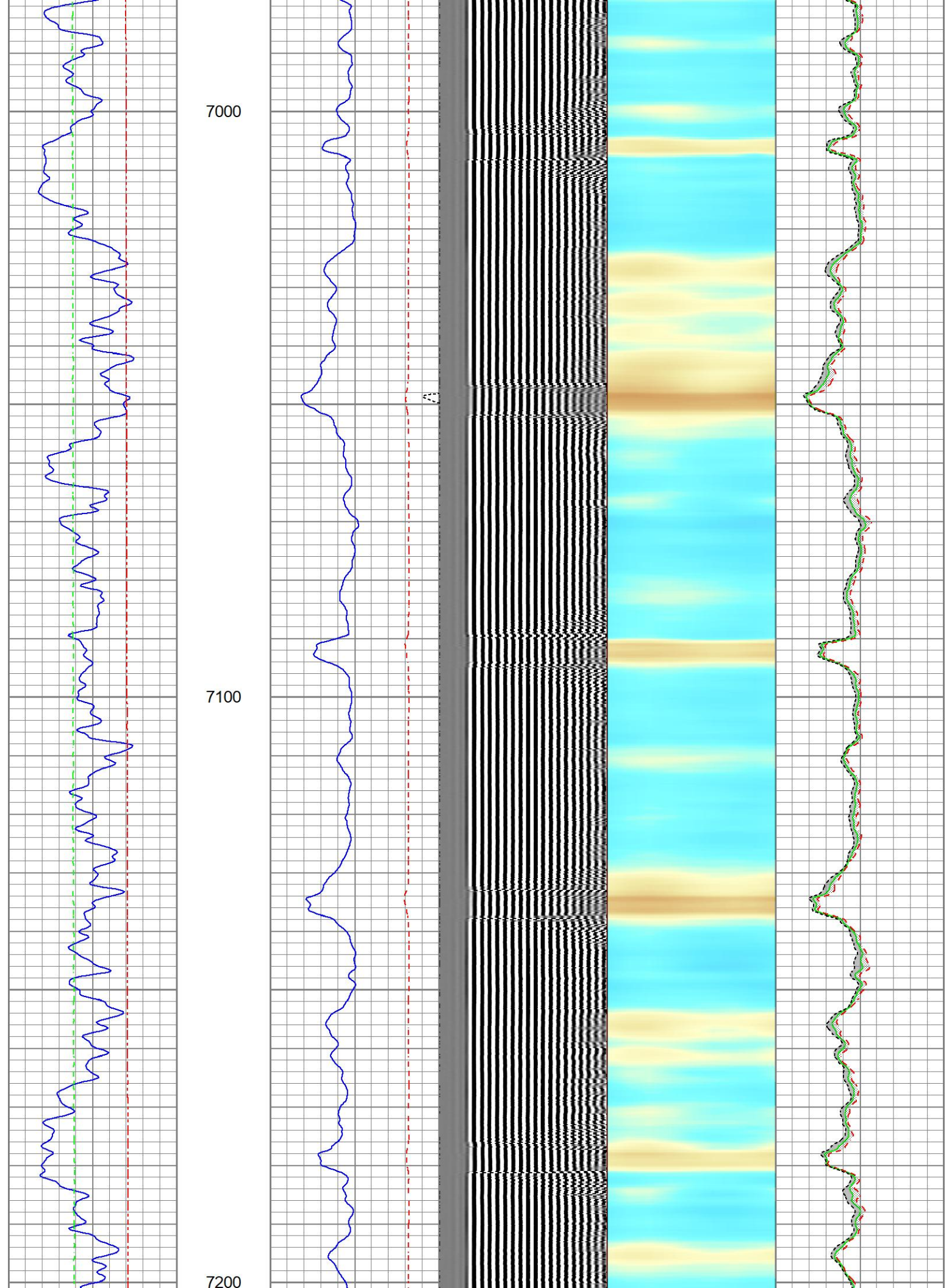


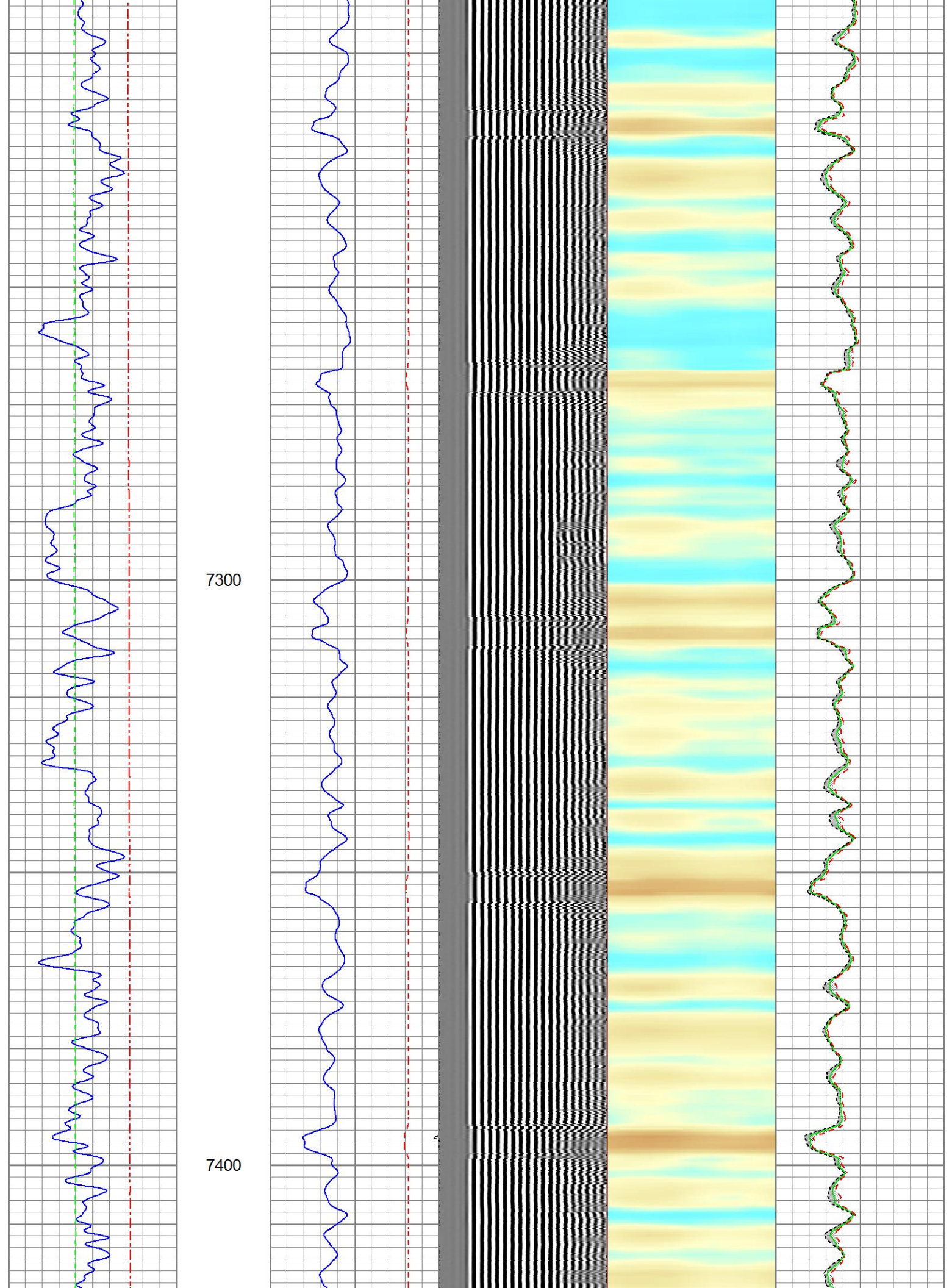


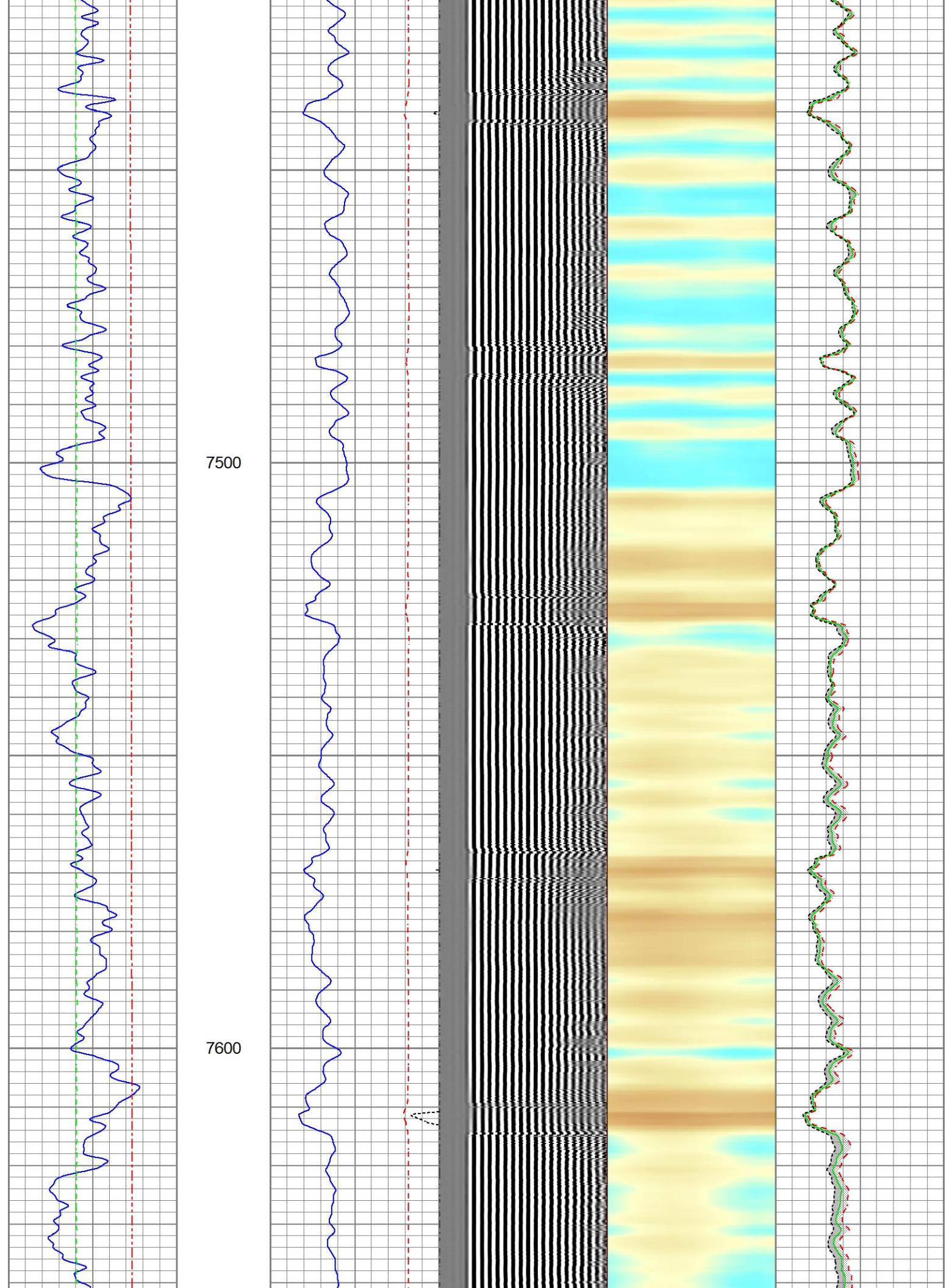
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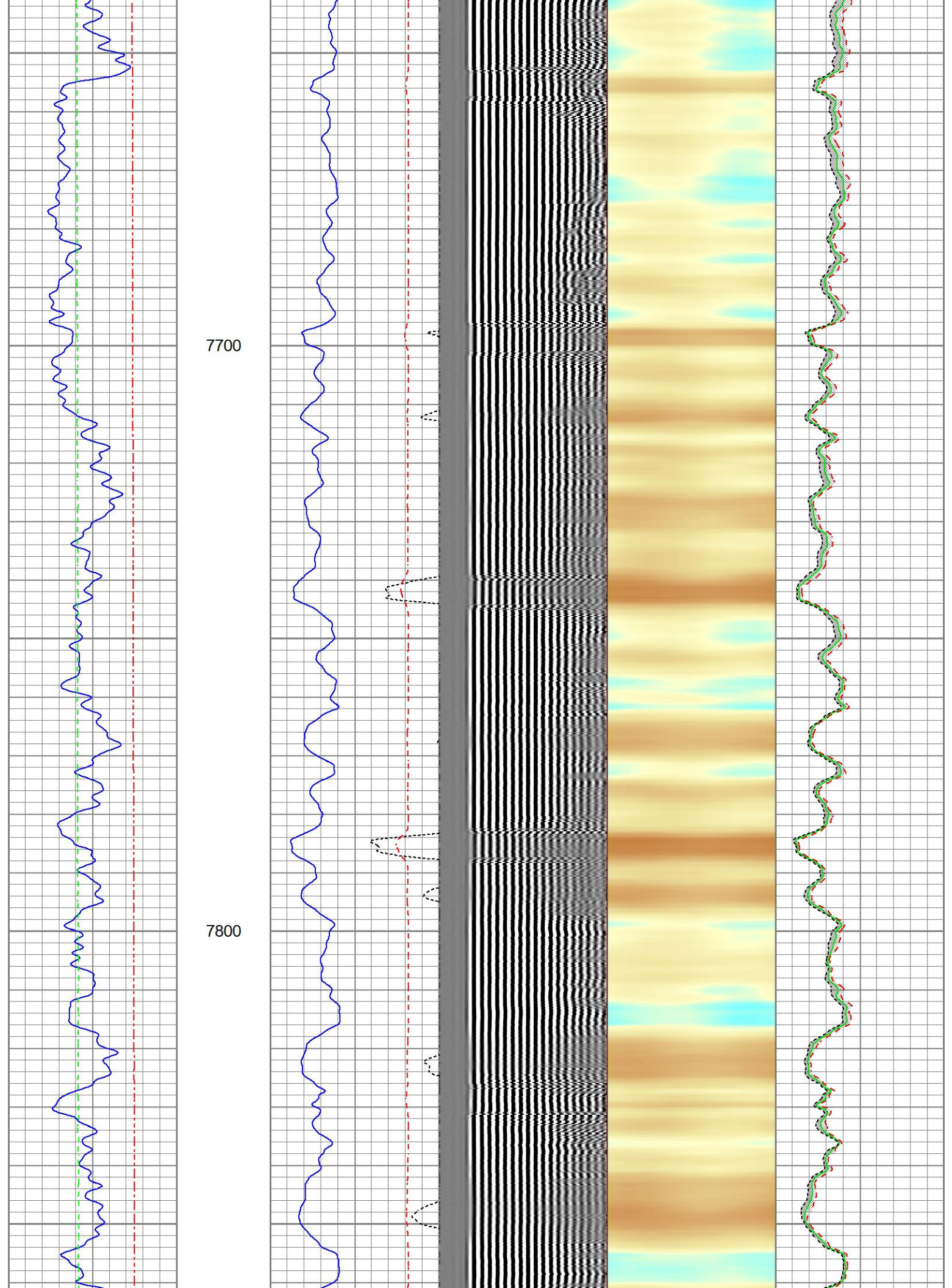
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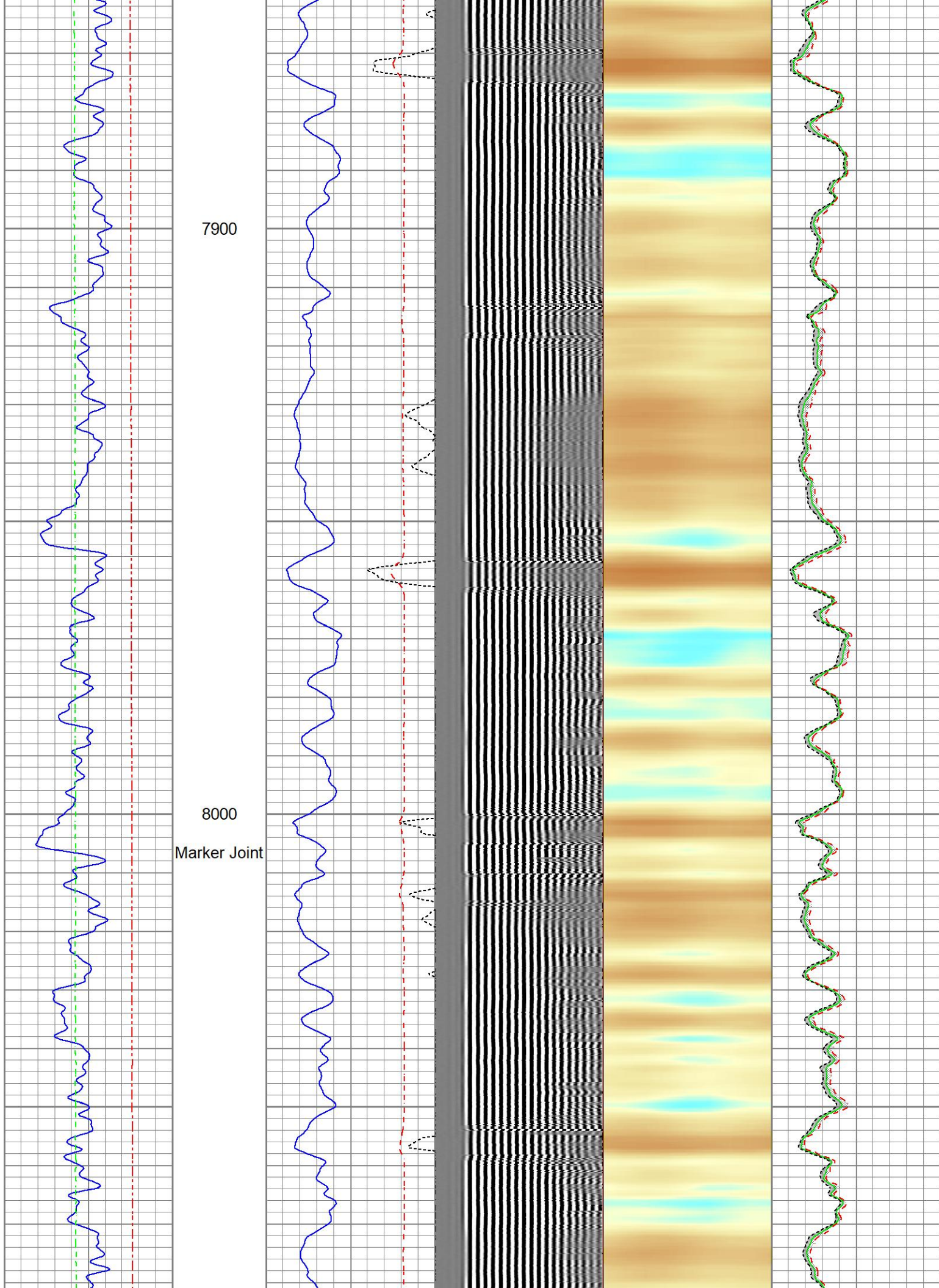




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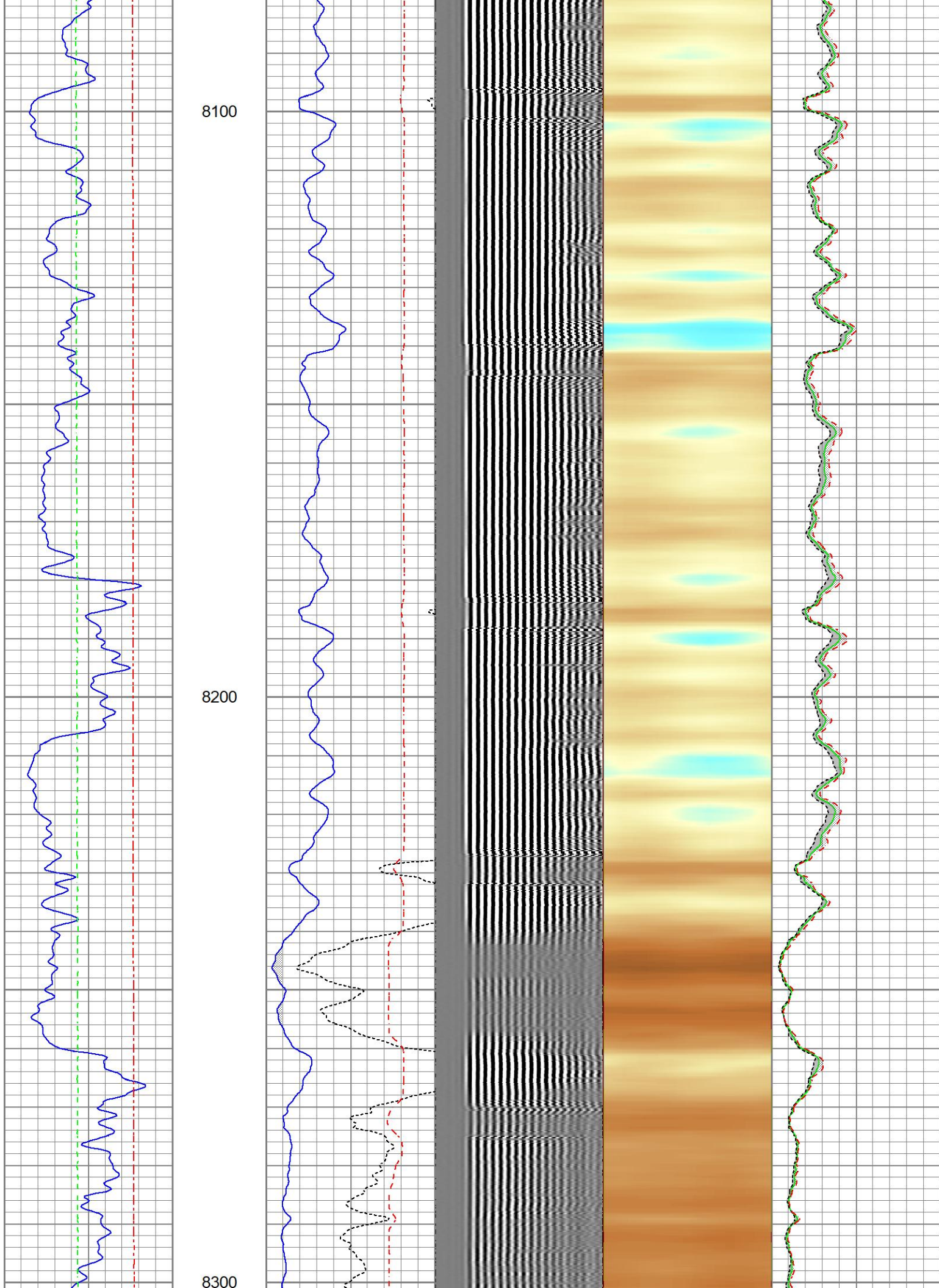
Marker Joint

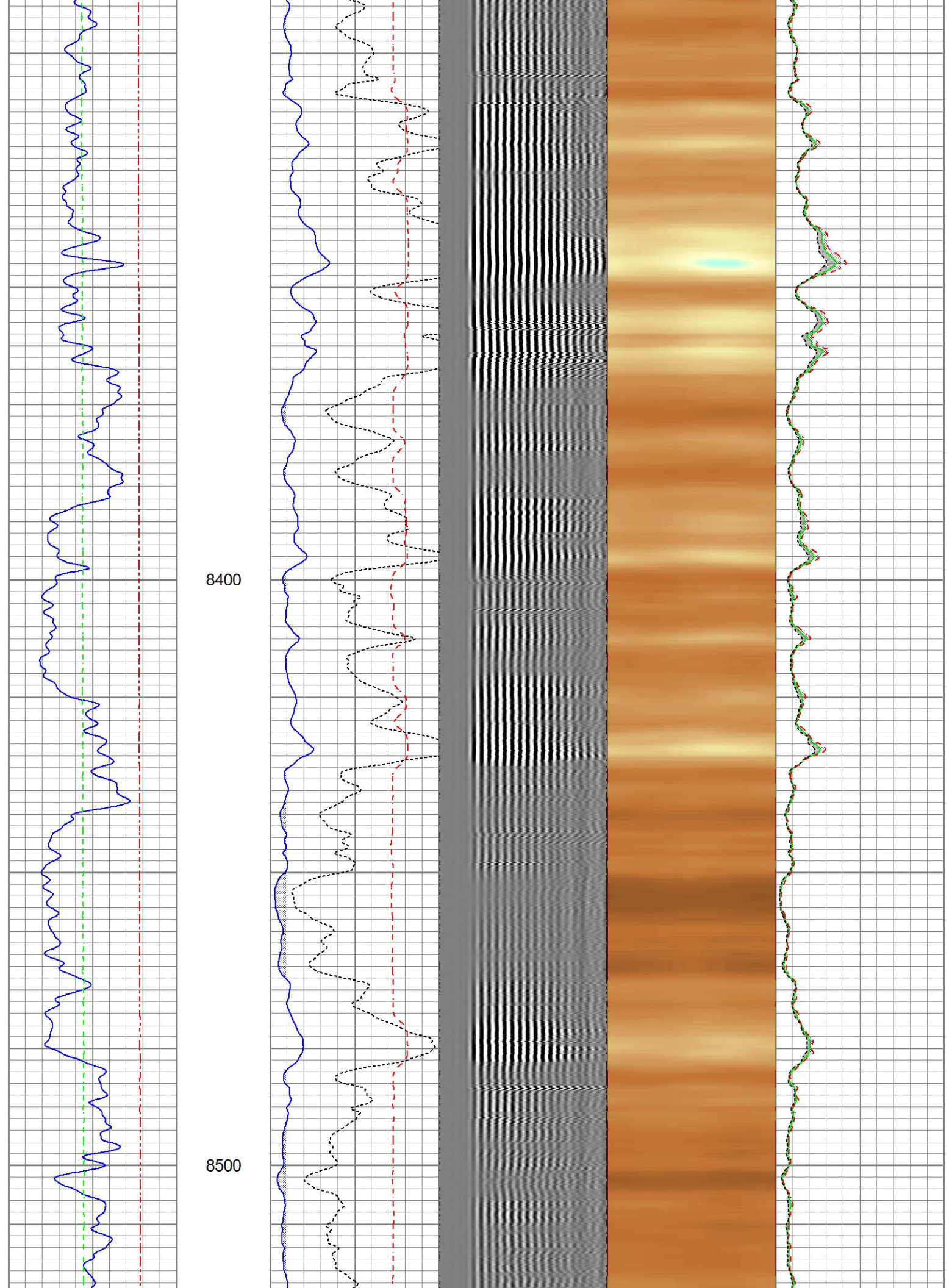


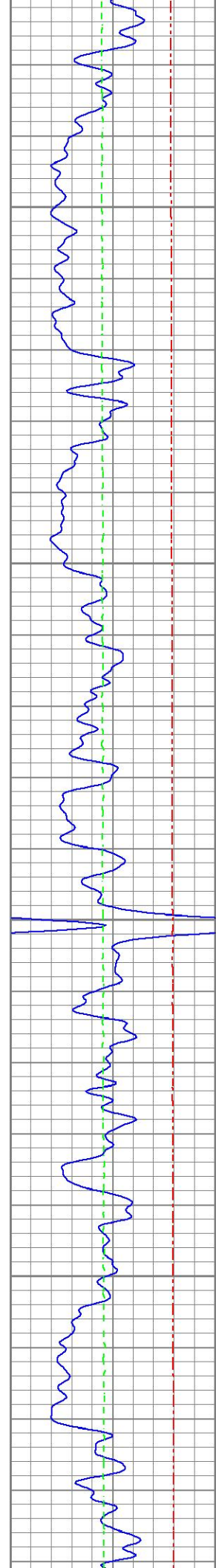
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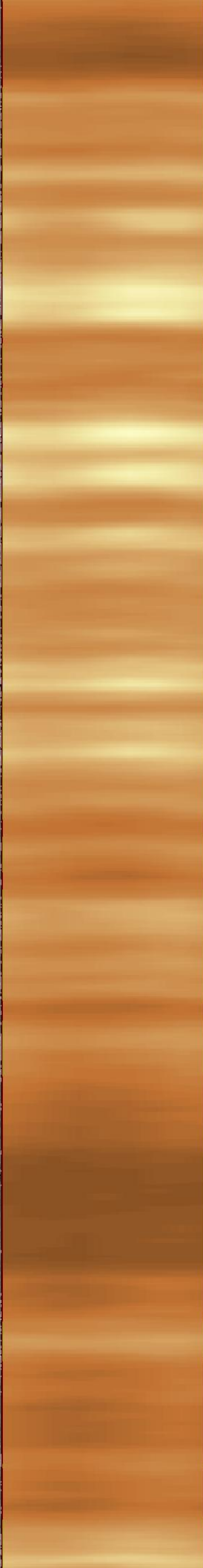
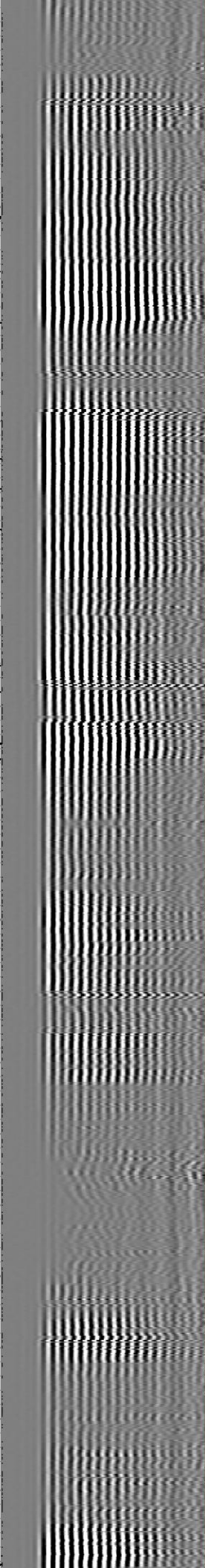
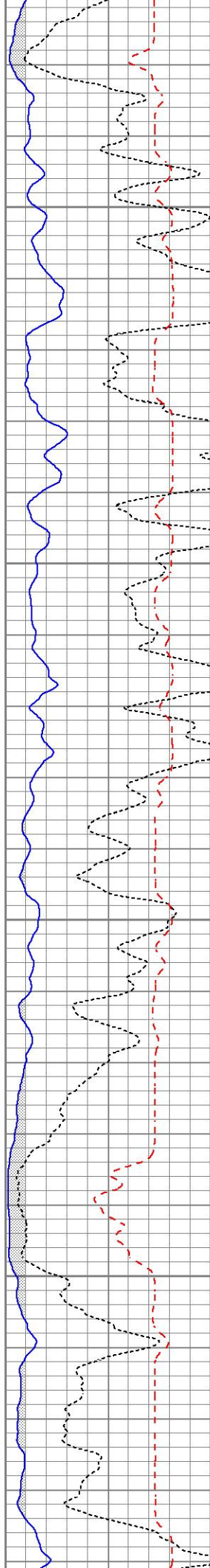






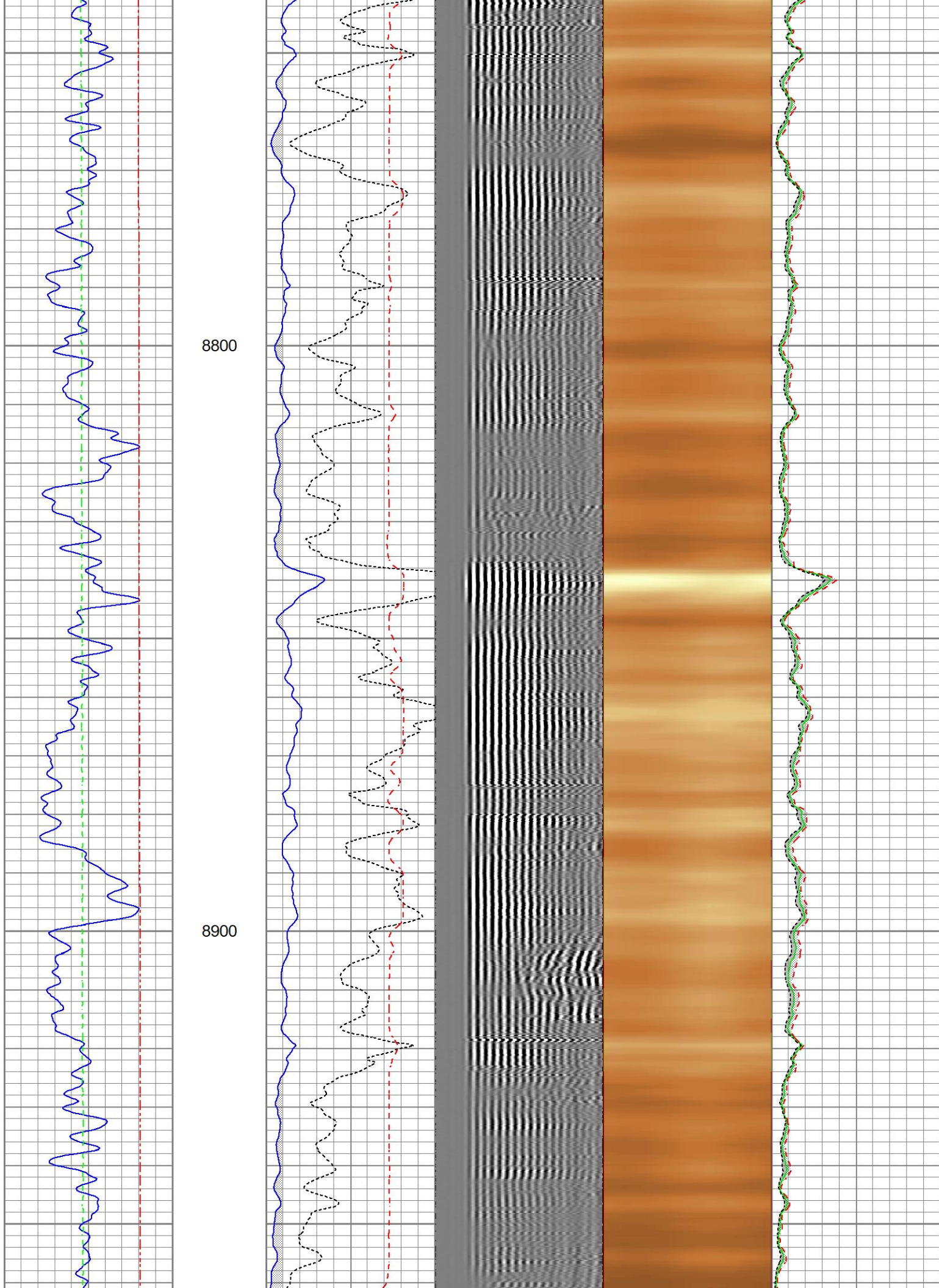
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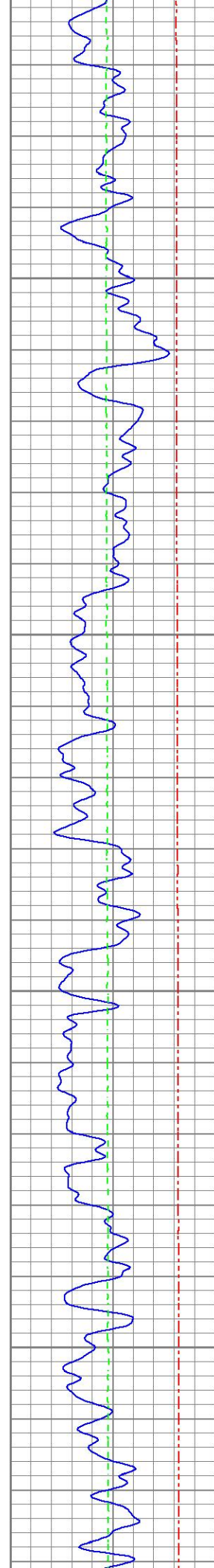
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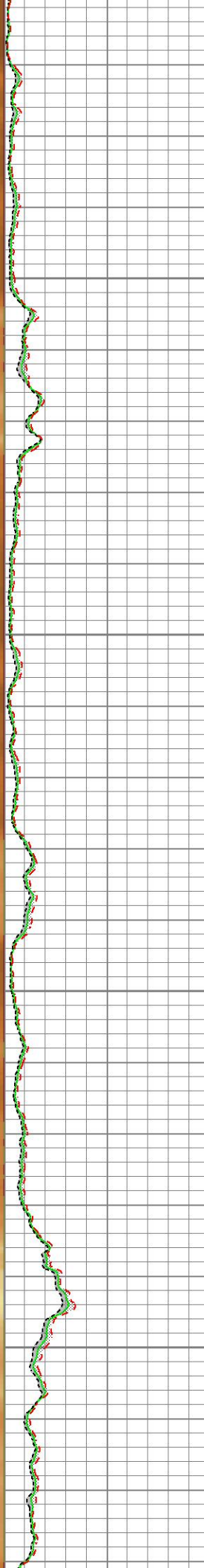
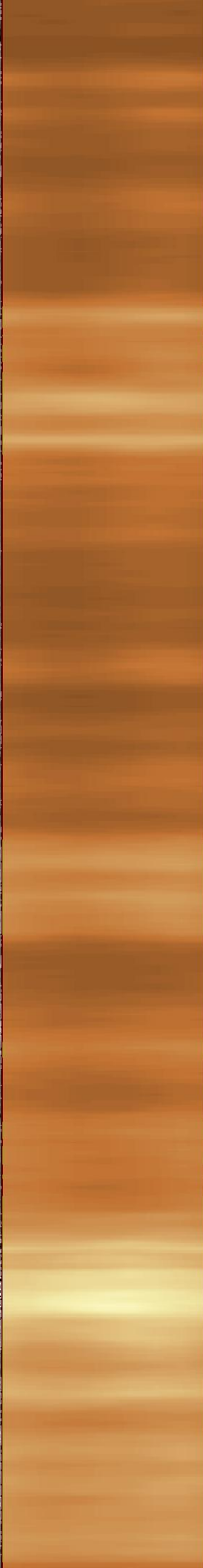
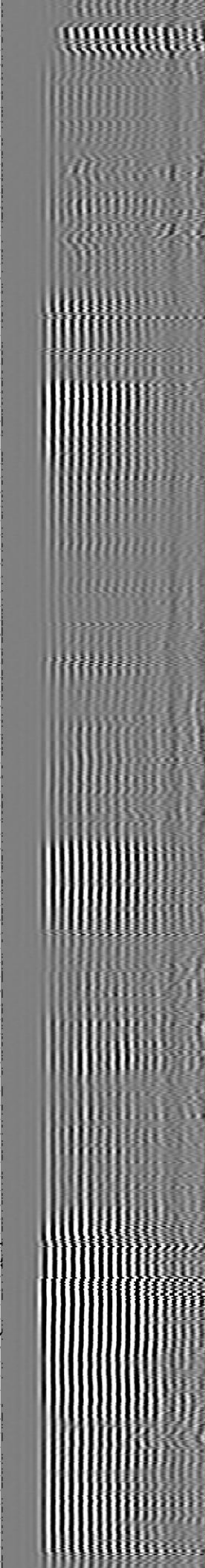
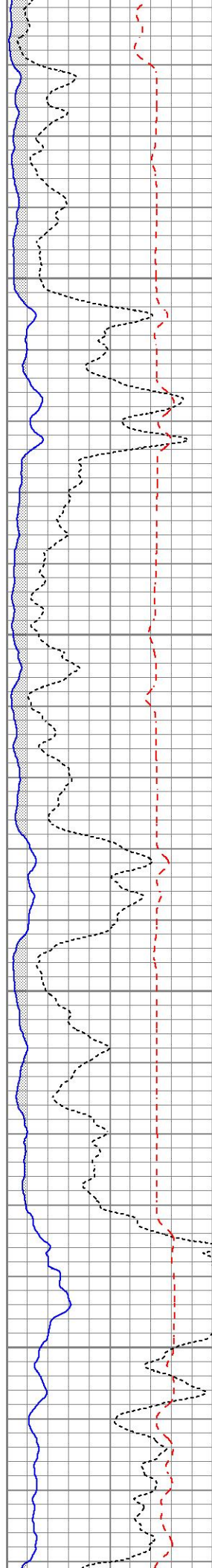
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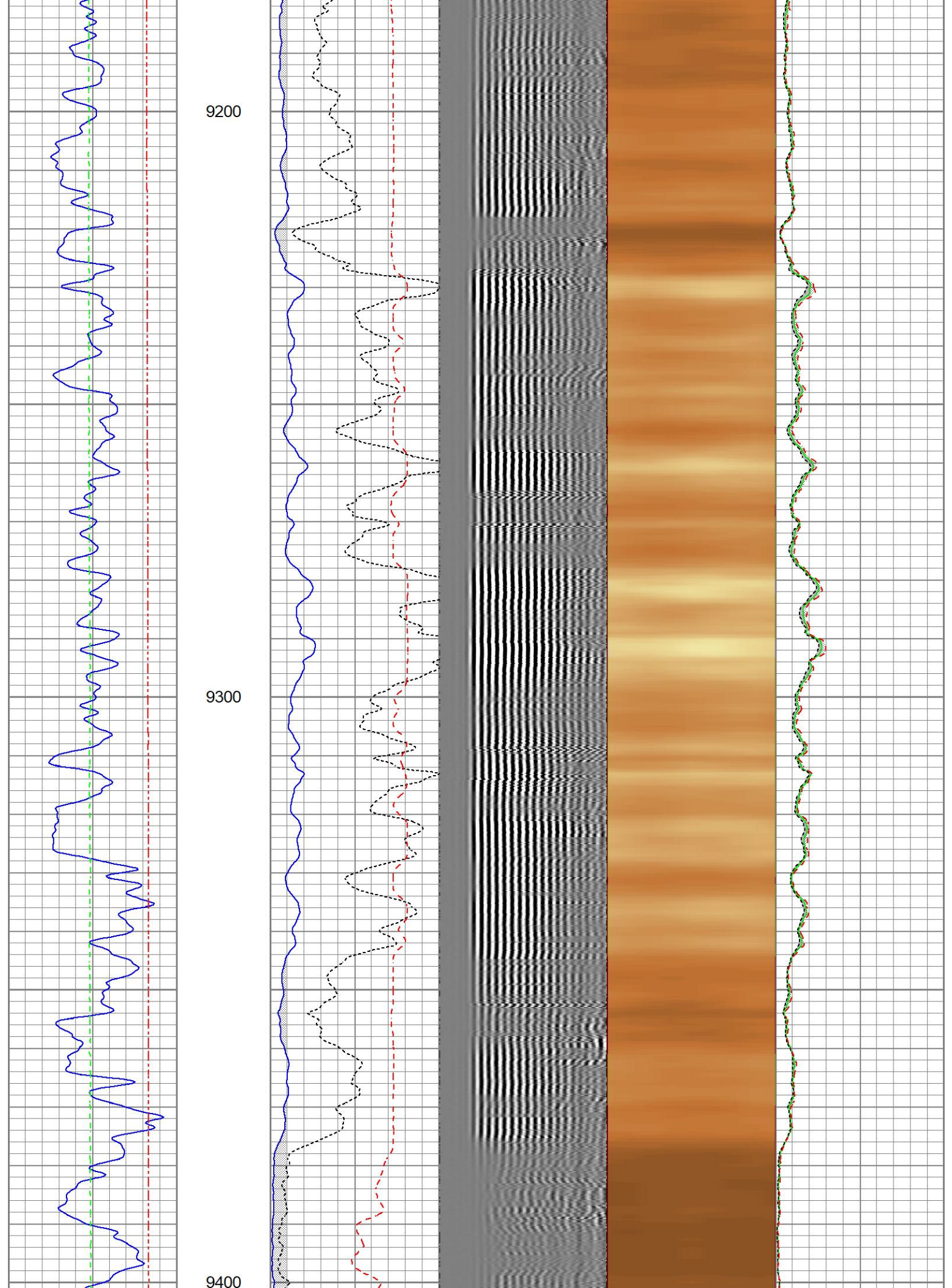


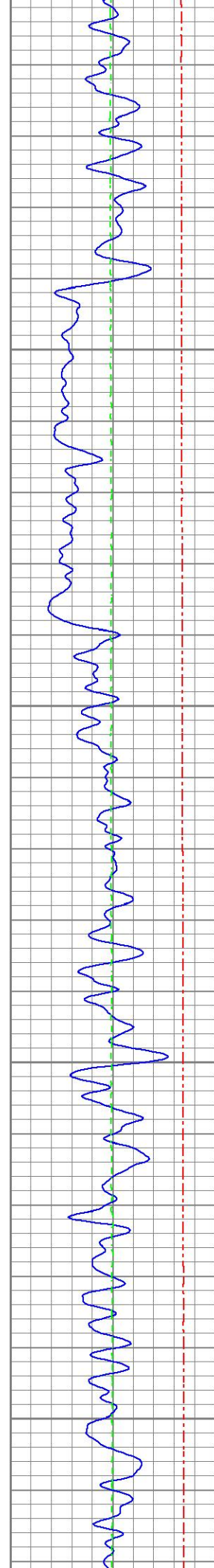


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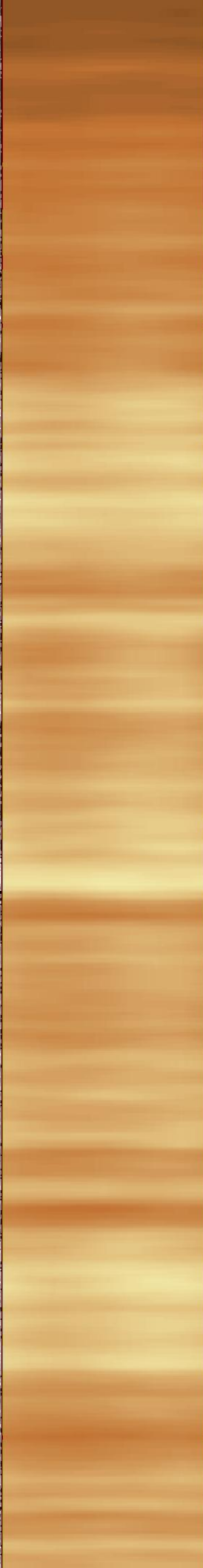
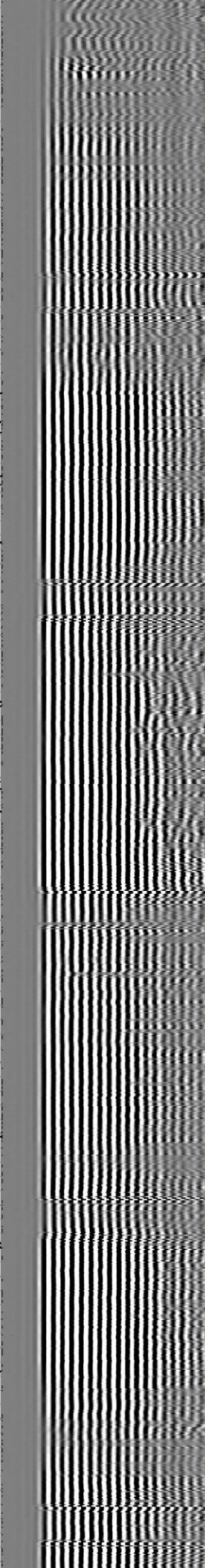
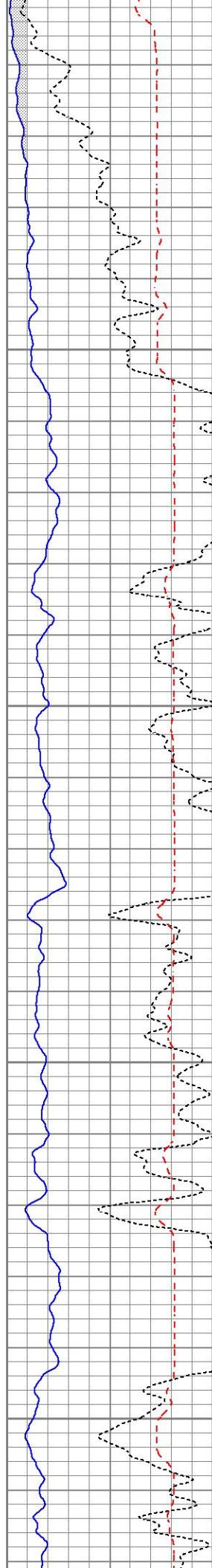


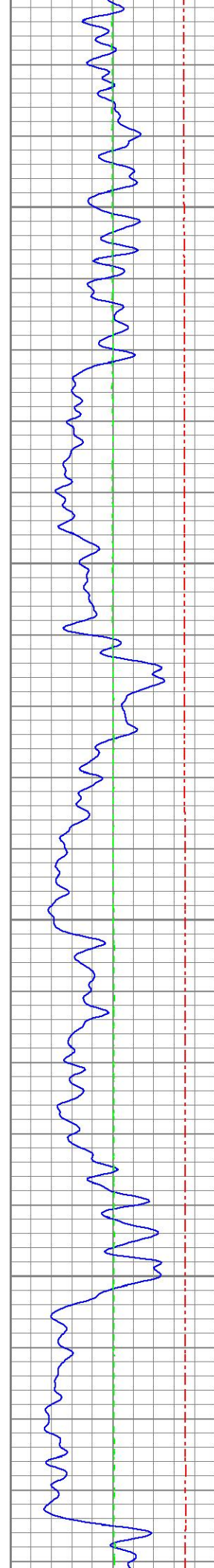




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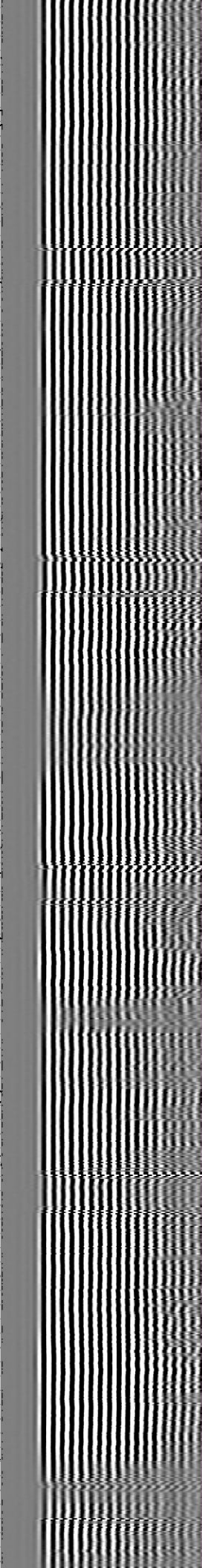
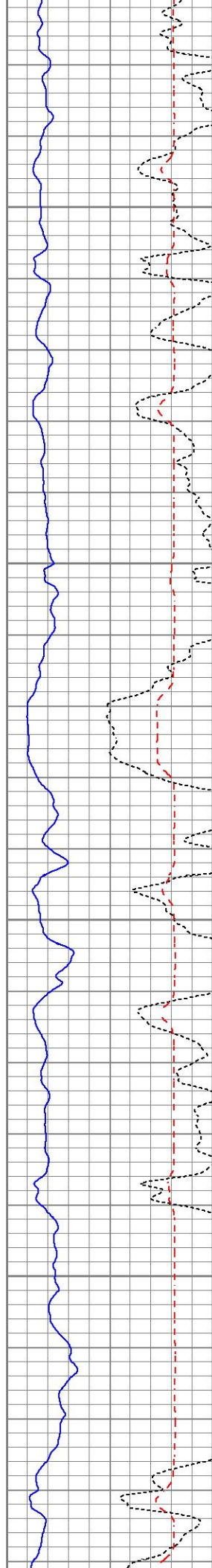
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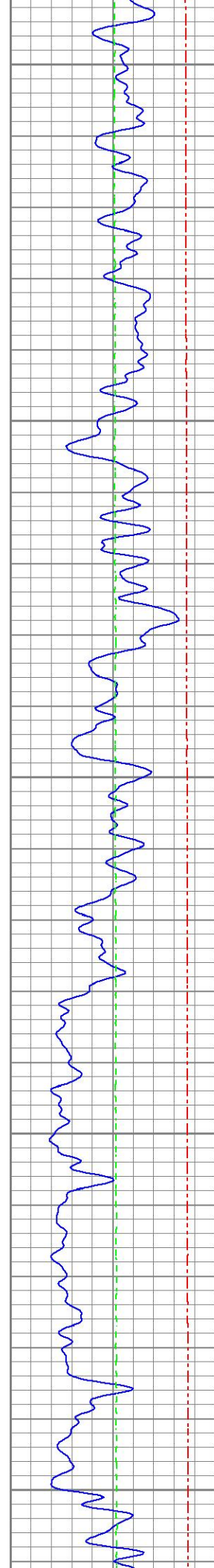




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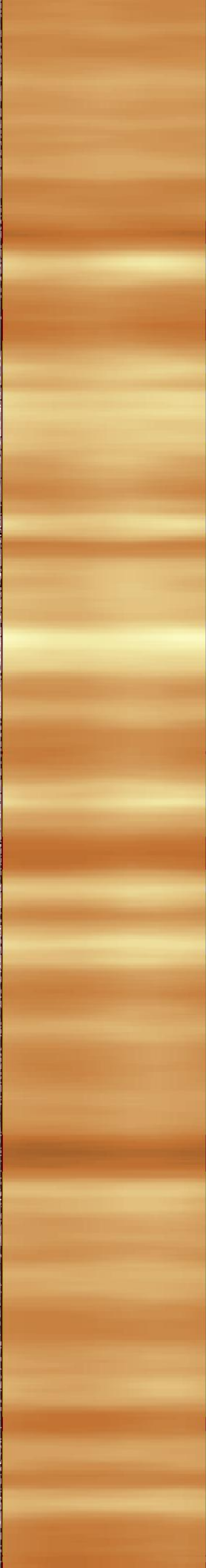
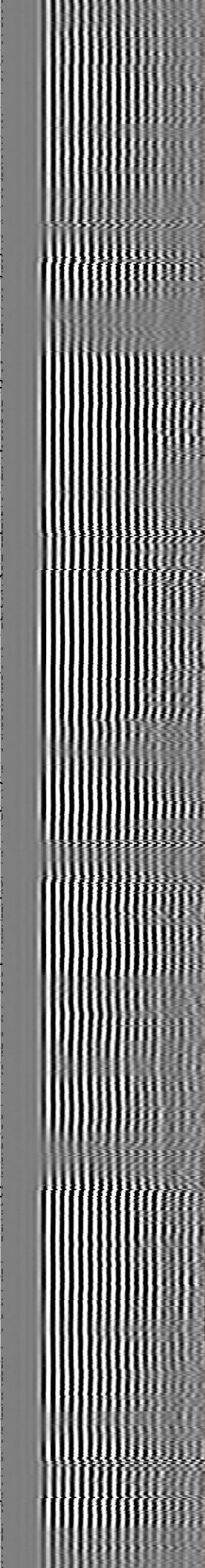
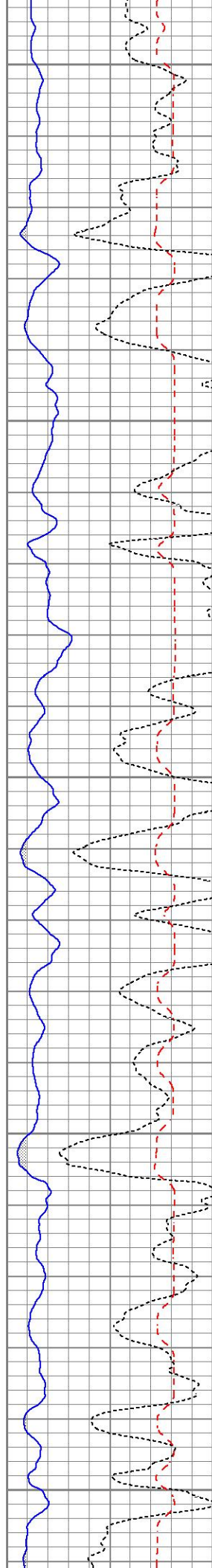
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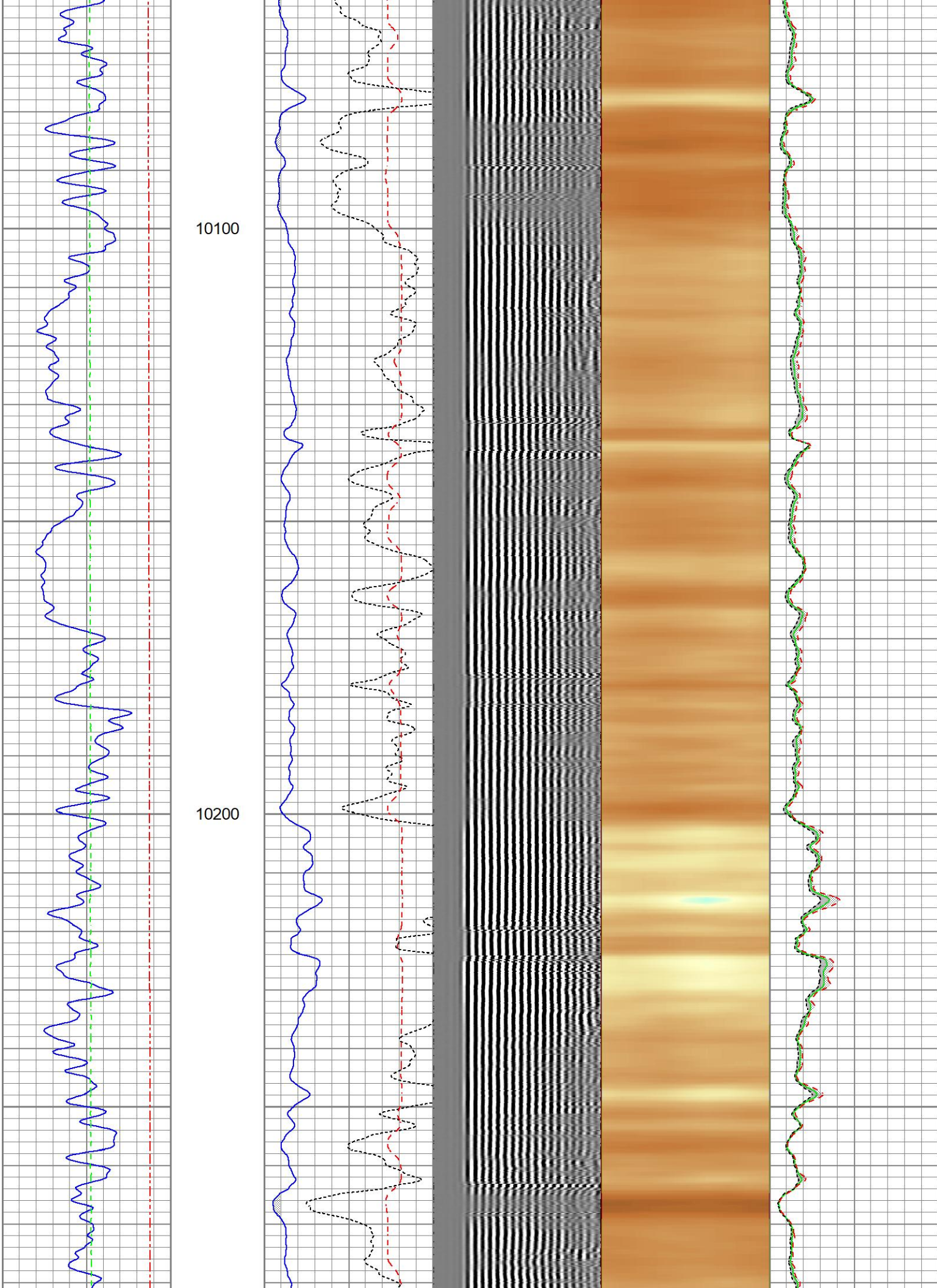
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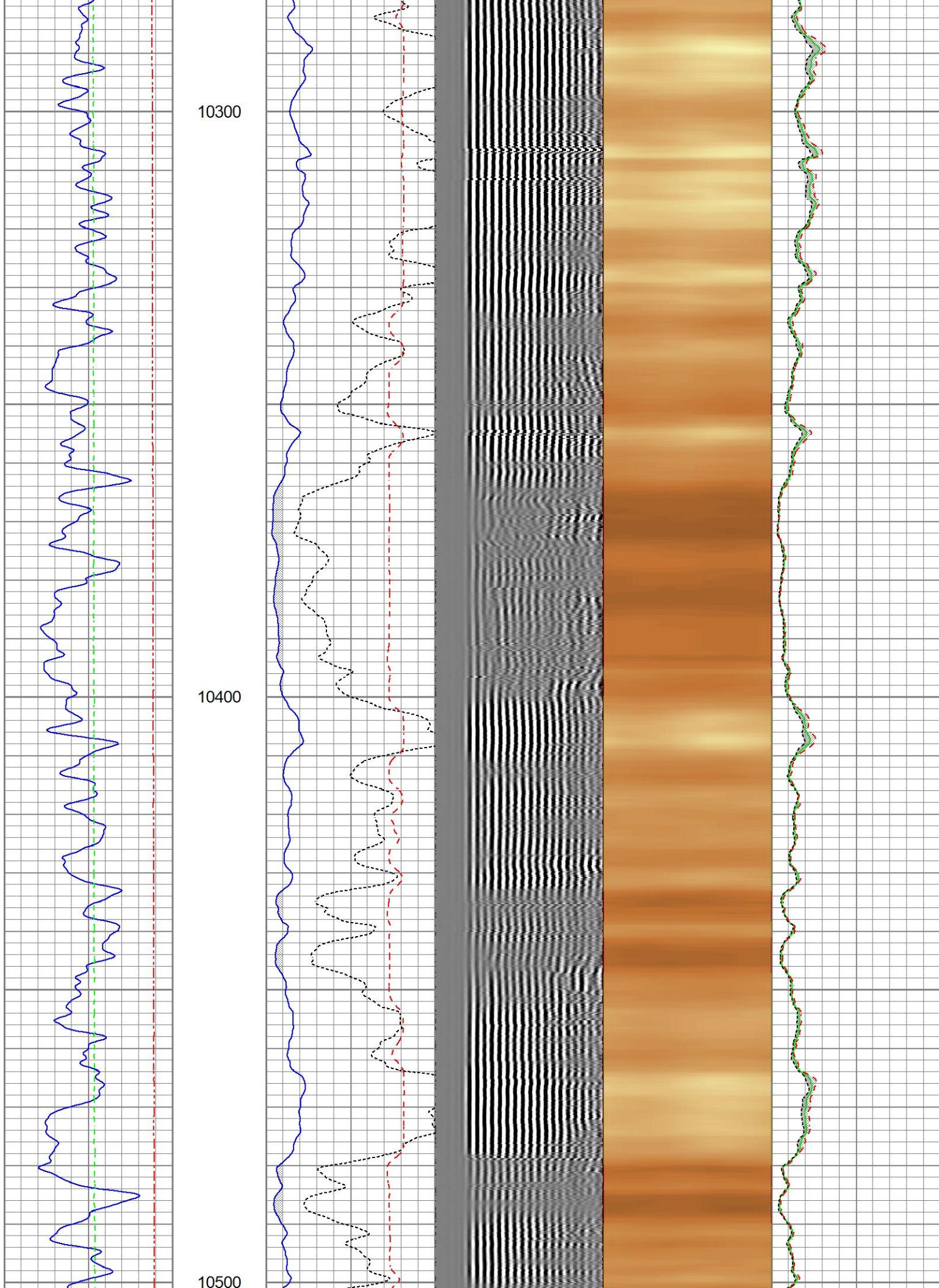
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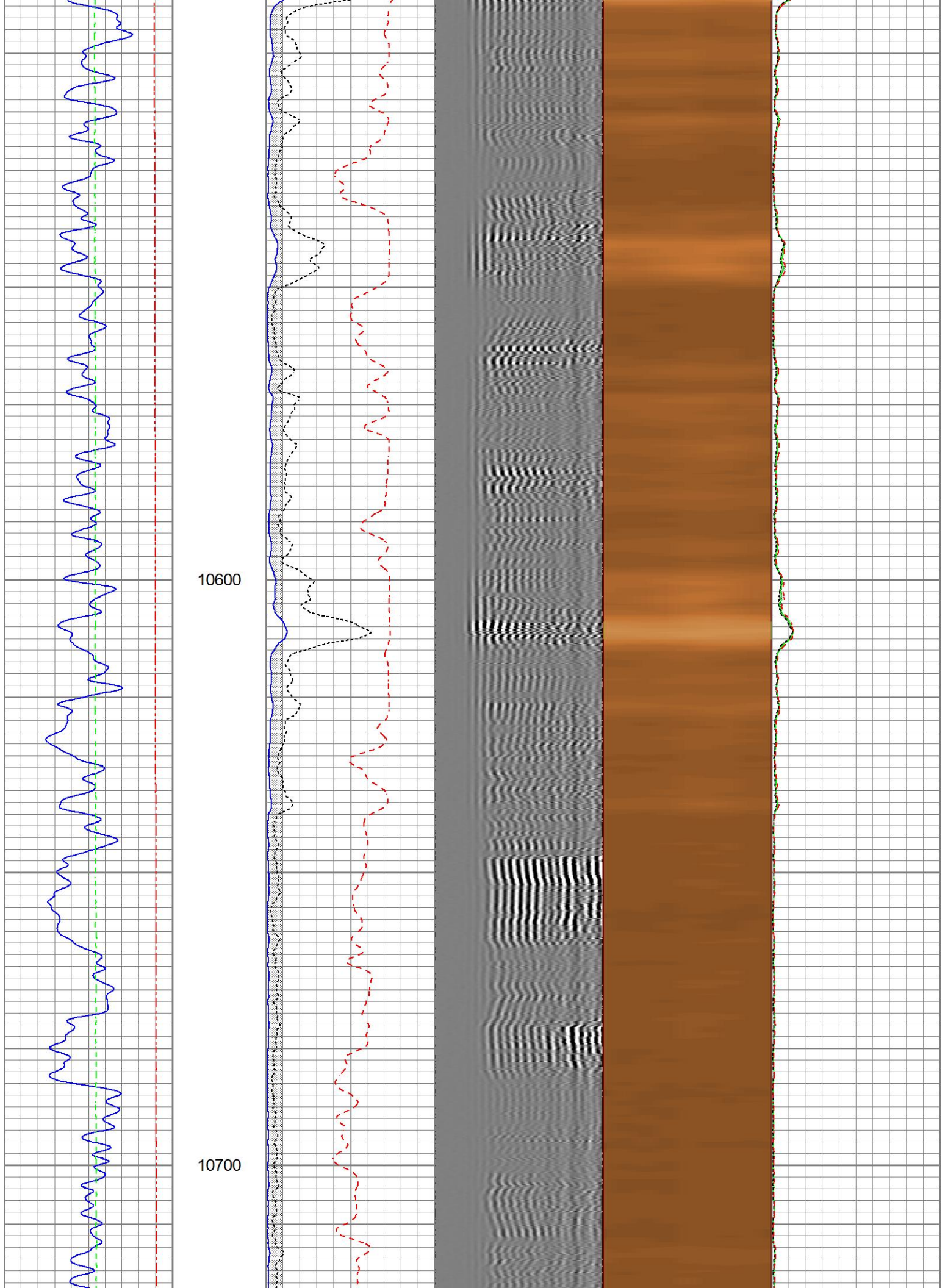


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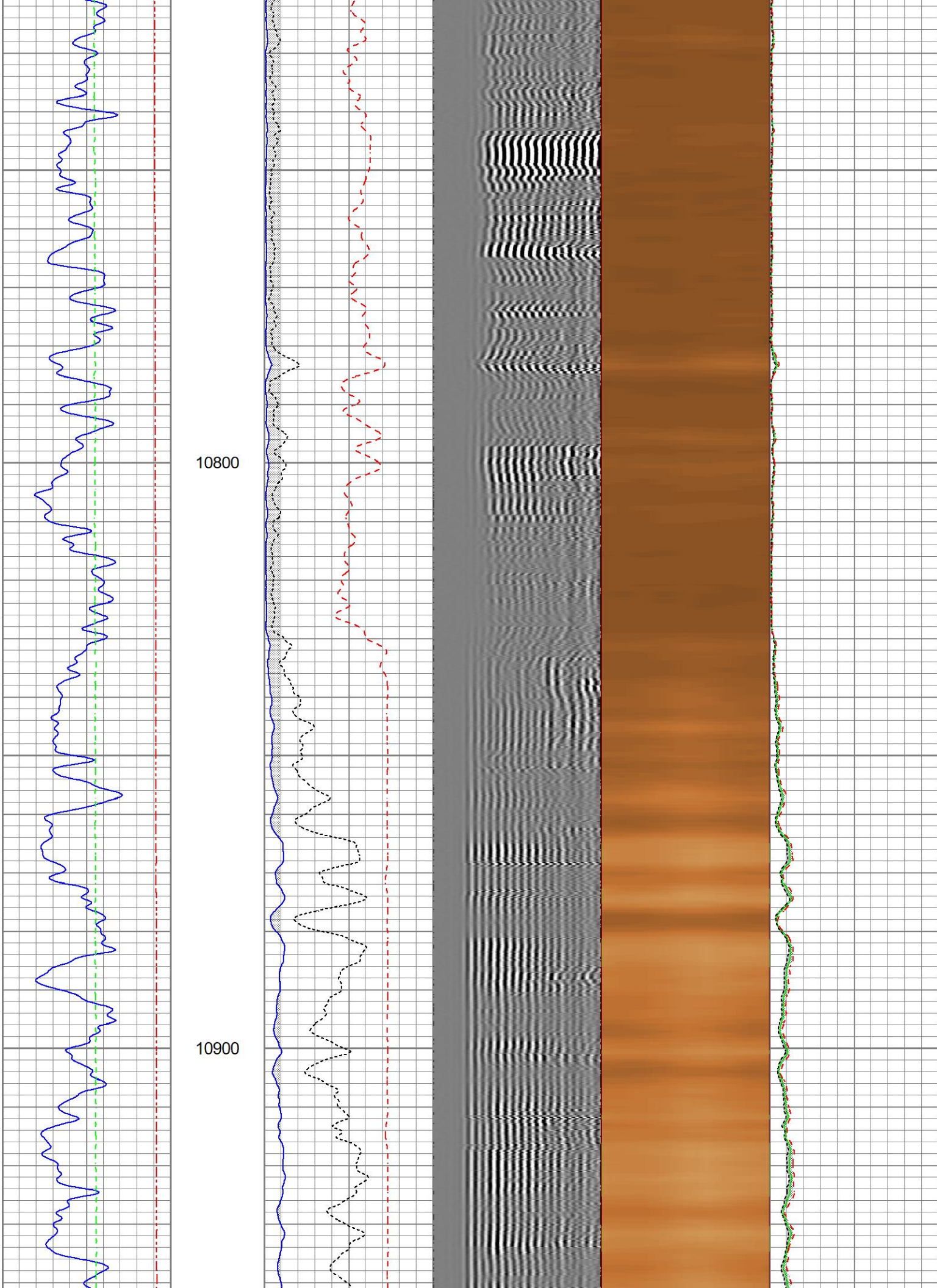
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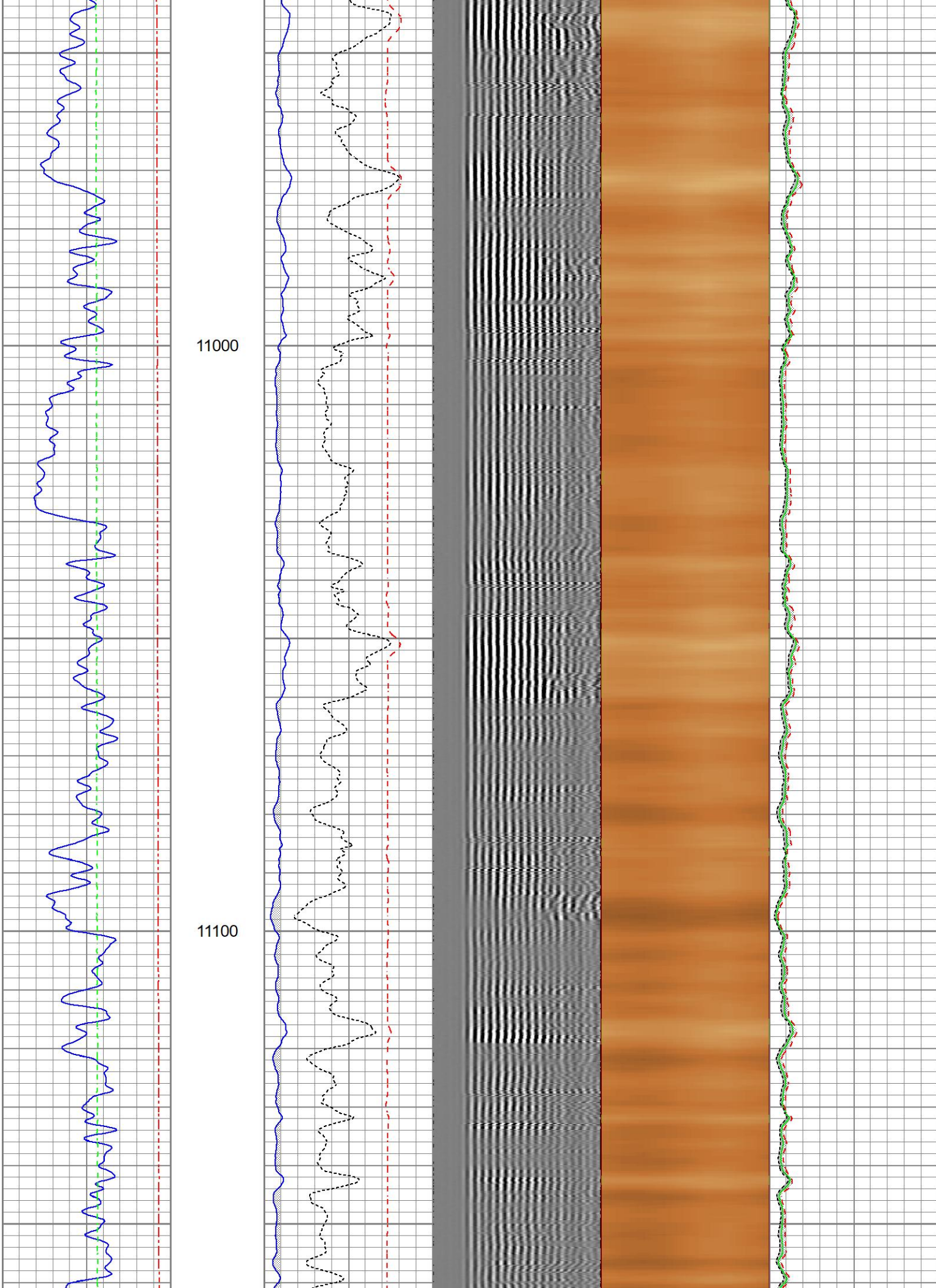
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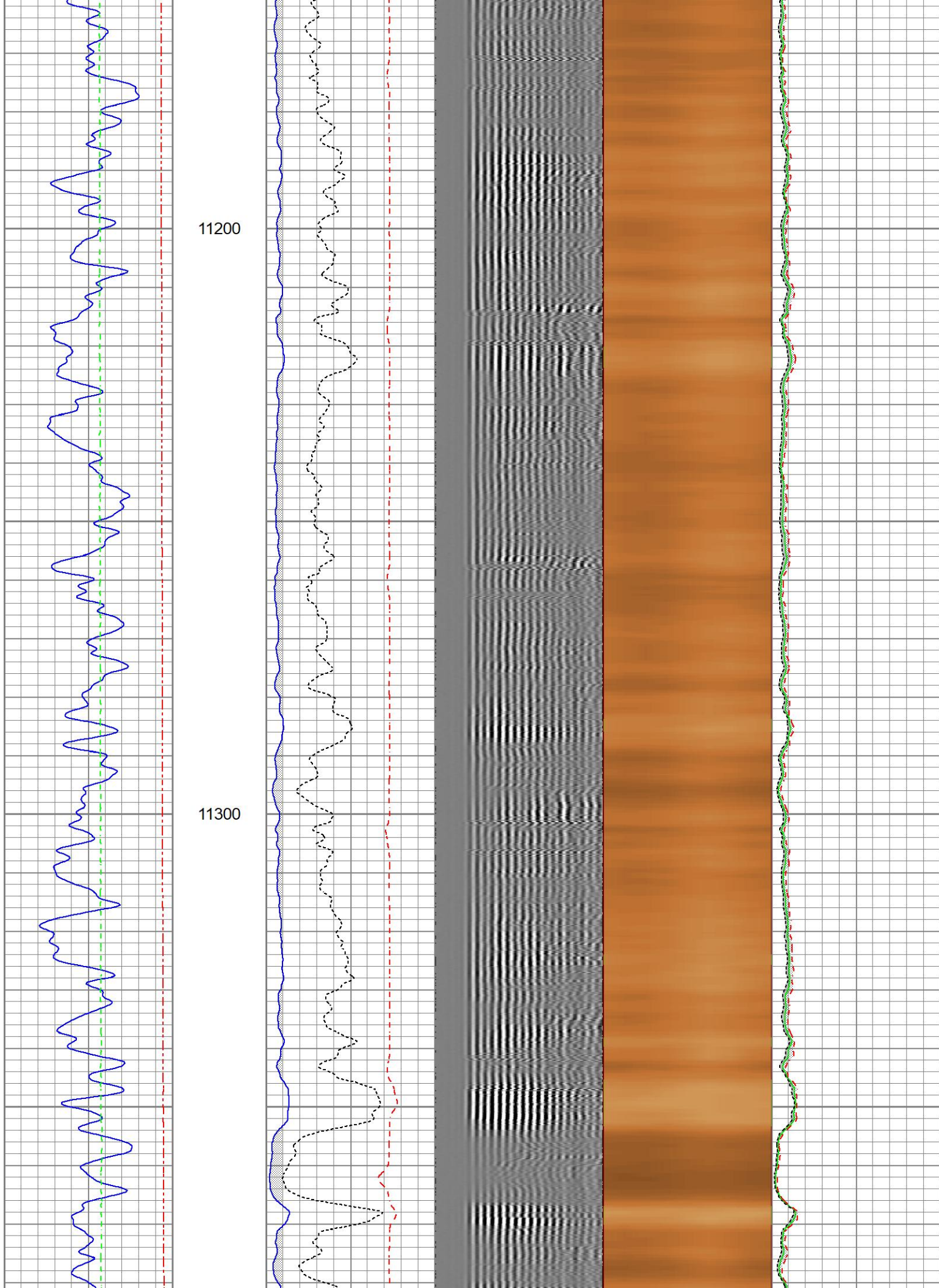
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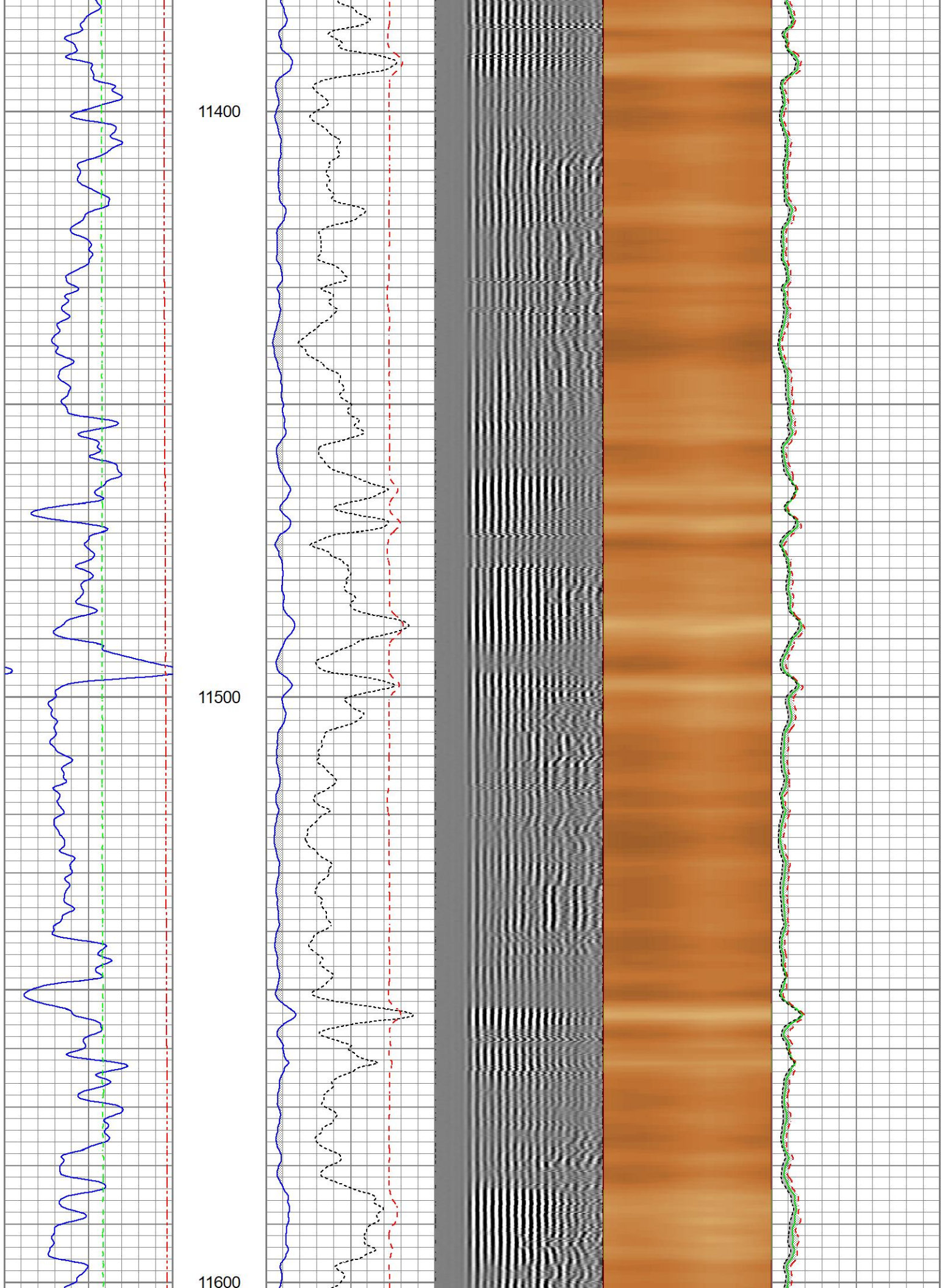
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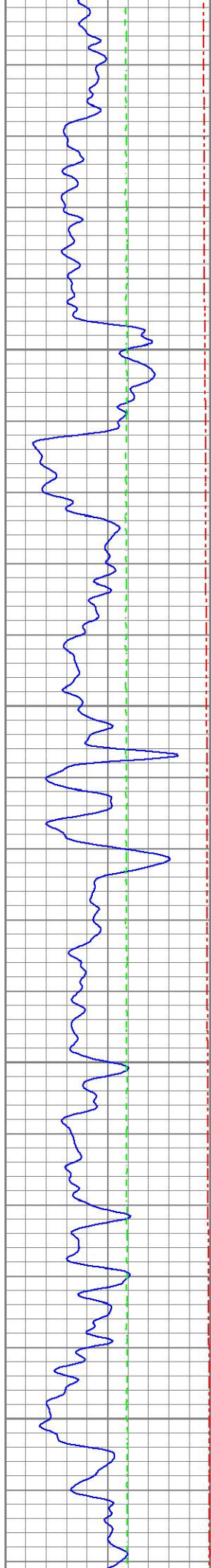


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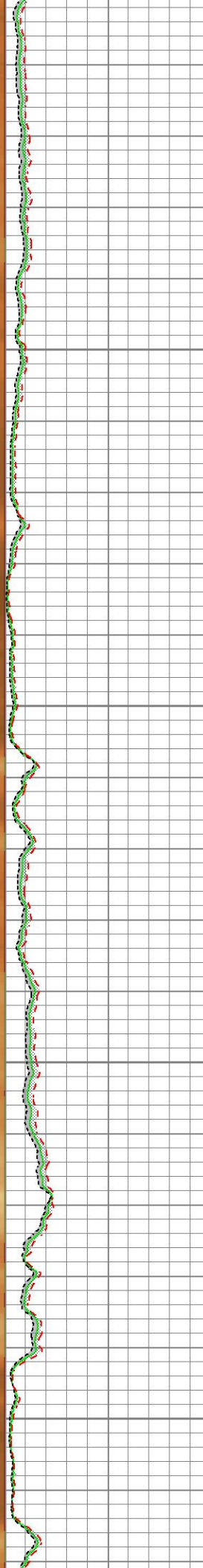
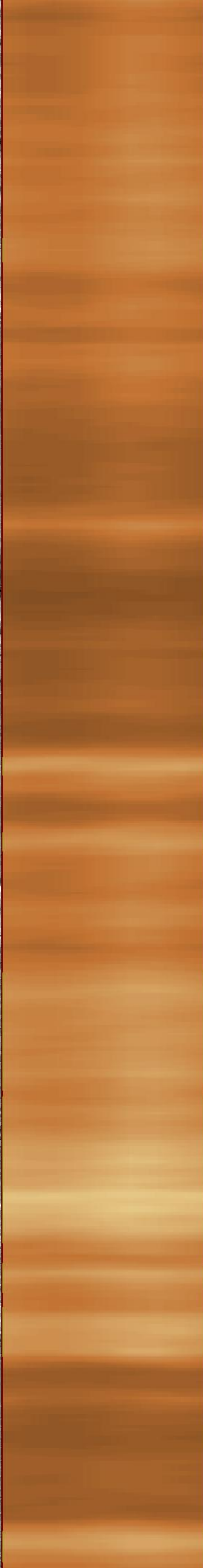
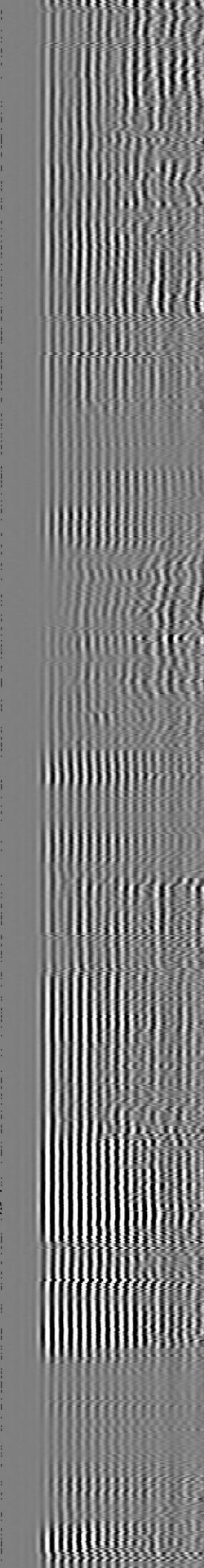
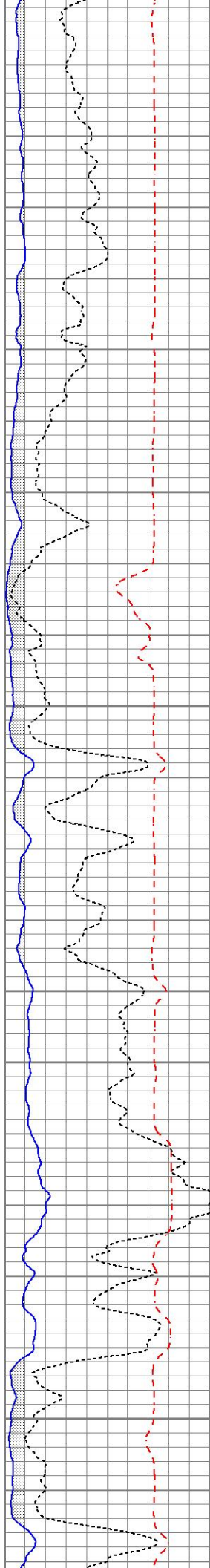


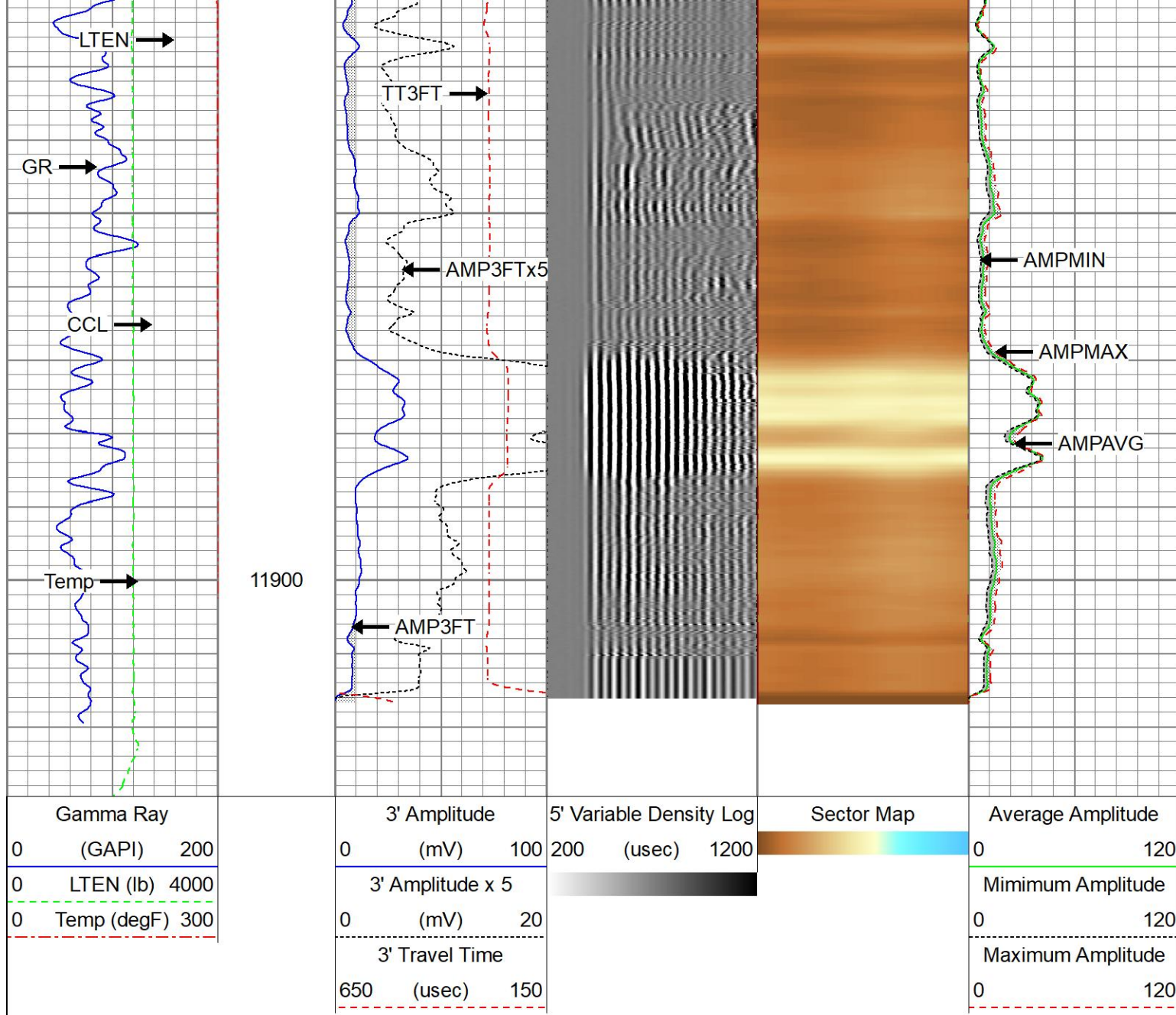




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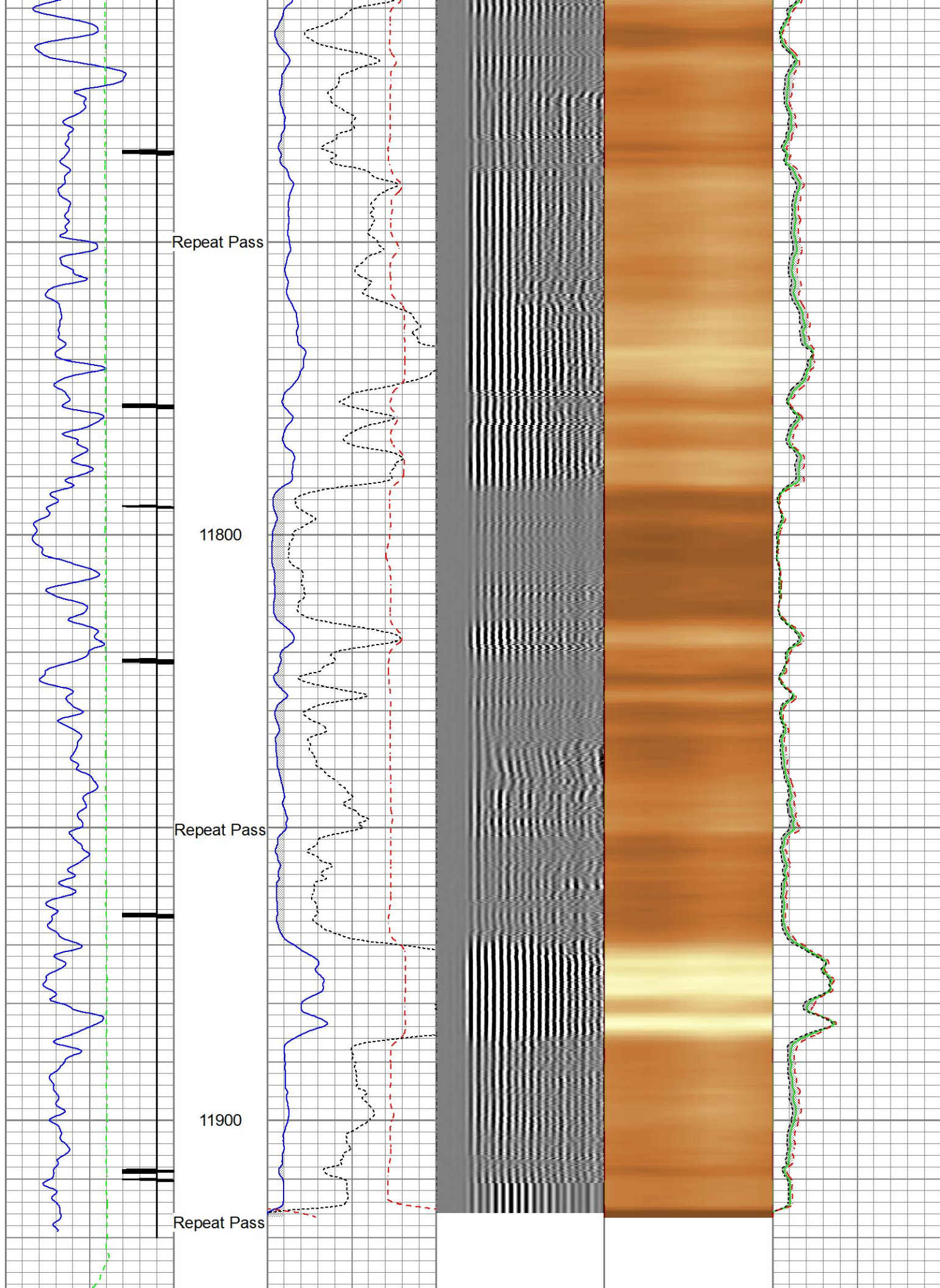






Repeat Pass 5" = 100'

Database File Dataset Pathname Presentation Format Dataset Creation Charted by	caerus_bju b26 fed 11d-26-496_rcbl_cnl_10-10-2022.db repeat twgrcbl Tue Oct 11 10:22:25 2022 Depth in Feet scaled 1:240
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Gamma Ray 0 (GAPI) 200 0 LTEN (lb) 4000 -9 CCL 1	3' Amplitude 0 (mV) 100 3' Amplitude x 5 0 (mV) 20 3' Travel Time 650 (usec) 150	5' Variable Density Log 200 (usec) 1200	Sector Map 0 120 Minimum Amplitude 0 120 Maximum Amplitude 0 120	Average Amplitude 0 120 Minimum Amplitude 0 120 Maximum Amplitude 0 120
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Gamma Ray			3' Amplitude		5' Variable Density Log			Average Amplitude			
0	(GAPI)	200	0	(mV)	100	200		(usec)	1200	0	120
0	LTEN (lb)	4000	3' Amplitude x 5						Minimum Amplitude		
-9	CCL	1	0	(mV)	20				0	120	
			3' Travel Time						Maximum Amplitude		
			650	(usec)	150				0	120	

Calibration Report				
Database File	caerus_bju b26 fed 11d-26-496_rcbl_cnl_10-10-2022.db			
Dataset Pathname	main1			
Dataset Creation	Tue Oct 11 10:28:16 2022			
Compensated Neutron Calibration Report				
		Model:	CNT - 275Dig	
		Serial Number:	FW1409-35	
SHOP CALIBRATION		Thu Mar 31 15:47:13 2022		
	Cal Tube	Units		
Tank Ratio	11.6940	SS/LS		
LS Detector	68.71	cps		
SS Detector	748.49	cps		
Tool Ratio	10.8929	SS/LS		
Tool Gain	1.0735	----		
PRE-SURVEY VERIFICATION				
	SS Detector	LS Detector	Measured (p.u.)	Target (p.u.)
POST-SURVEY VERIFICATION				
	SS Detector	LS Detector	Measured (p.u.)	Target (p.u.)

Gamma Ray Calibration Report						
Type / Serial:			Probe275dig / FW1403-104			
SHOP CALIBRATION			Thu Mar 31 15:29:33 2022			
	Counts/Sec.	Gain	Offset	Jig	Units	
Background	64.8				cps	
Calibrator	250.4				cps	
		0.8888			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	

Calibrator:	0.0	0.0	cps
Difference			GAPI
AFTER SURVEY VERIFICATION			
Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

Segmented Cement Bond Log Calibration Report			
Serial Number:	FW1311-19		
Tool Model:	Probe275acc		
Calibration Casing Diameter:	4.500	in	
Calibration Depth:	7.692	ft	

Master Calibration, performed Tue Oct 11 06:33:54 2022:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.003	0.733	0.000	81.196	111.279	-0.375
CAL	0.004	0.752				
5'	0.007	0.704	0.000	81.196	116.549	-0.822
SUM						
S1	0.004	0.757	0.000	100.000	132.655	-0.471
S2	0.003	0.760	0.000	100.000	132.163	-0.455
S3	0.003	0.761	0.000	100.000	131.884	-0.396
S4	0.003	0.746	0.000	100.000	134.597	-0.437
S5	0.004	0.731	0.000	100.000	137.466	-0.488
S6	0.004	0.729	0.000	100.000	137.943	-0.519
S7	0.004	0.736	0.000	100.000	136.552	-0.510
S8	0.004	0.739	0.000	100.000	136.005	-0.515


Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.004	0.752	1.000	0.000


Air Zero Calibration, performed Tue Oct 11 06:33:02 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 15:55:38 2022

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-914.00	901.00	-1.00	1.00	gee
Y Accelerometer	-903.00	898.00	-1.00	1.00	gee
Z Accelerometer	3.47	893.02	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			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
			RBT8acc-Probe275acc (FW1311-19) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS8	14.27					
WVFS7	14.27					
WVFS6	14.27					
WVFS5	14.27					
WVFS4	14.27					
WVFS3	14.27					
WVFS2	14.27					
WVFS1	14.27					
WVF3FT	14.27					
WVF5FT	13.27					
						
RBT_HV	10.02					
RBT_ACCZ	10.02					
RBT_ACCY	10.02					
RBT_ACCX	10.02					
WVFSYNC	10.02					
WVFCAL	10.02					
DCCL	9.11		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
CCL	9.11					
GR	7.78		GR-Probe275dig (FW1403-104) Probe Digital Gamma CCL	4.78	2.75	57.00
			CNT-275Dig (FW1409-35) Probe Digital CNL	5.24	2.75	40.00

CNLSC	1.91			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
CNSSC	1.48						
Dataset: caerus_bju b26 fed 11d-26-496_rcbl_cnl_10-10-2022.db: field/well/run1/main1 Total length: 18.77 ft Total weight: 237.00 lb O.D.: 3.25 in							

Company	Caerus Piceance LLC.		
Well	BJU B26 Fed 11D-26-496		
Field	Grand Valley		
County	Garfield	State	Colorado
		Radial Cement Bond Gamma Ray Casing Collar Log	