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DISCLAIMER

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OTHER SERVICES1

OS1:	HLDS
OS2:	HRLA
OS3:	HNGS
OS4:	FMS
OS5:	DSI

REMARKS: RUN NUMBER 1

Hole drilled with RCB bottom hole assembly (BHA) at 9.875" BS

Drill pipe set at 2278 mbsf (58.5 mbsf), inside casing.

Casing Shoe at 2772mbrf (552.5 mbsf).

Fluid type was seawater, as drilled.

Depth recorded from drill floor; logs presented as-logged without depth corrections or shifts, as per client instructions.

All logs presented in wireline measured depth below rig floor (MDBRF).

UBI run in 0.6in. vertical resolution mode, 250kHz emission frequency, 180 measurements / revolution mode.




UBI run in measurement mode rather than FPM mode on the downward pass to avoid sub flipping problems.

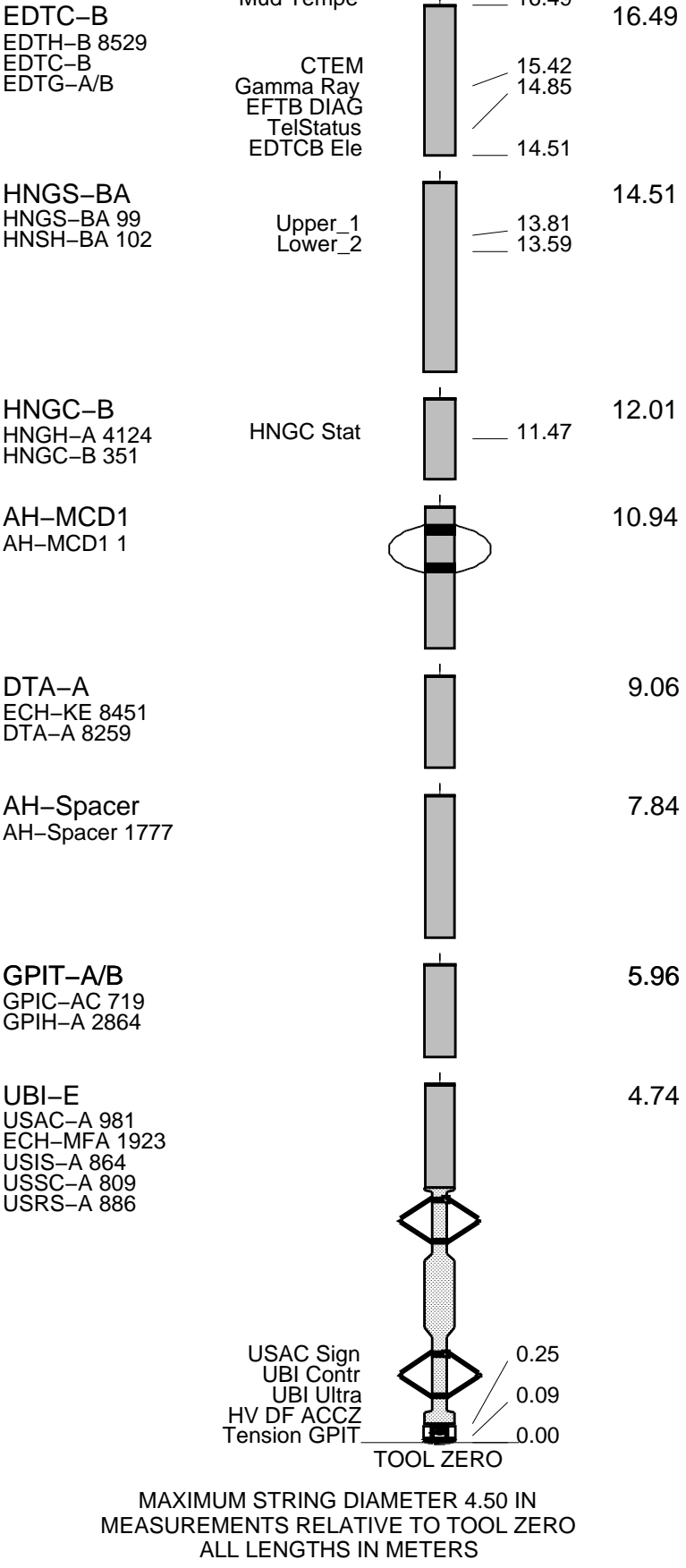
Active heave compensator switched on at 2328mbrf while logging down.

Default fluid velocities adjusted to give nominal casing ID on ultrasonic caliper.

RUN 1 SERVICE ORDER #: PROGRAM VERSION: 19C0-187 FLUID LEVEL:			RUN 2 SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

[illegible]

RUN 1		RUN 2	
SURFACE EQUIPMENT			
GSR-U 135 WITM (EDTS)-A			
DOWNHOLE EQUIPMENT			
LEH-QT LEH-QT 301		17.81	
AH-369 AH-369		16.92	
MDSB EDTC Mud Tempe		16.49	



Production String	(in)	(m)	Well Schematic	(m)	(in)	Casing String
	OD	ID	MD	MD	OD	ID



Downlog (Flipped)
1:200 Scale

MAXIS Field Log

Company: International Ocean Discovery ProgramWell: Expedition 395, Site U1564F

Input DLIS Files

DEFAULT	Flip_UBI_NGS_054LUP	PRODUCER	10-Aug-2023 12:51	3385.1 M	2743.2 M
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Output DLIS Files

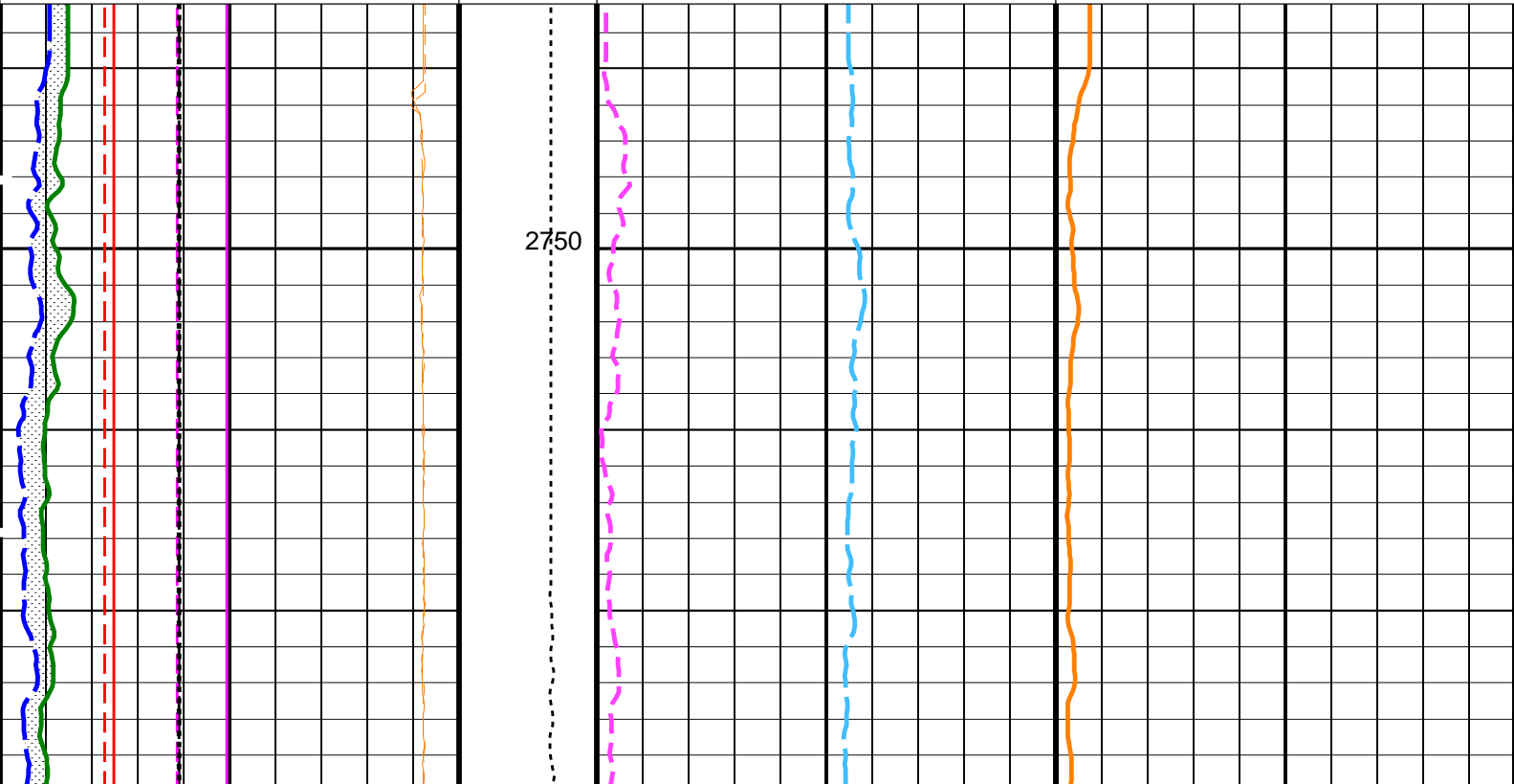
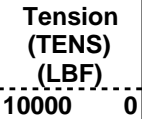
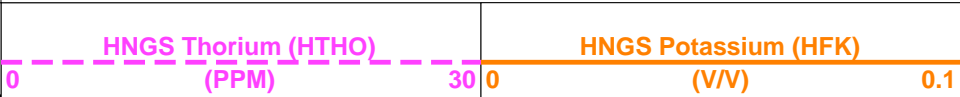
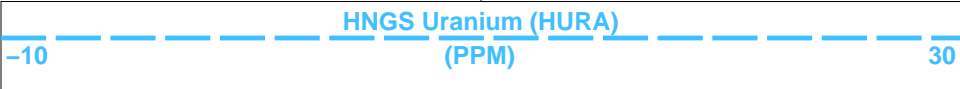
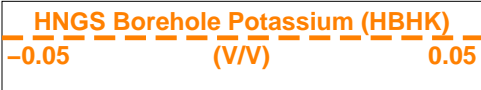
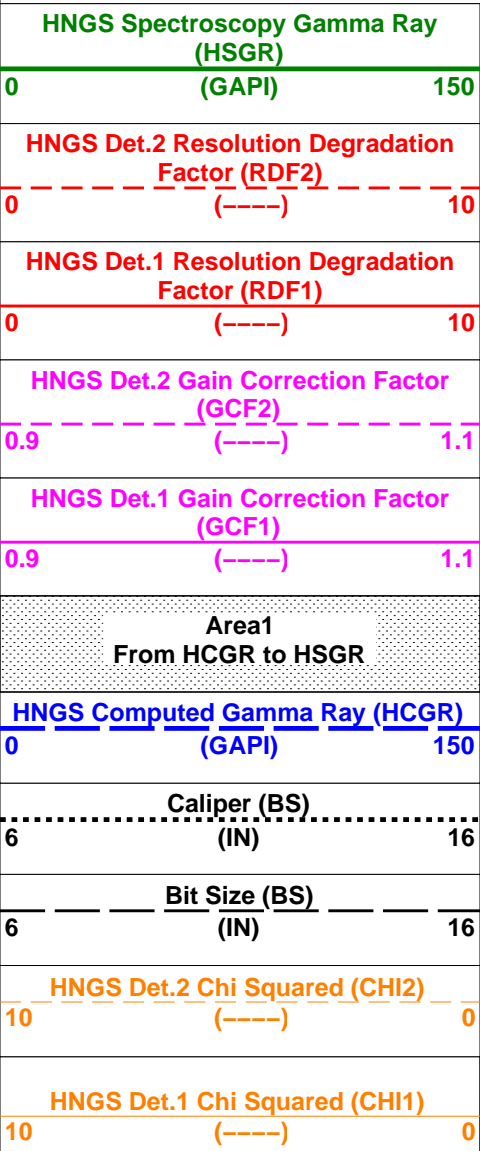
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RTB	UBI_NGS_057PUP	FN:71	PRODUCER	10-Aug-2023 12:55	3385.1 M	2743.2 M

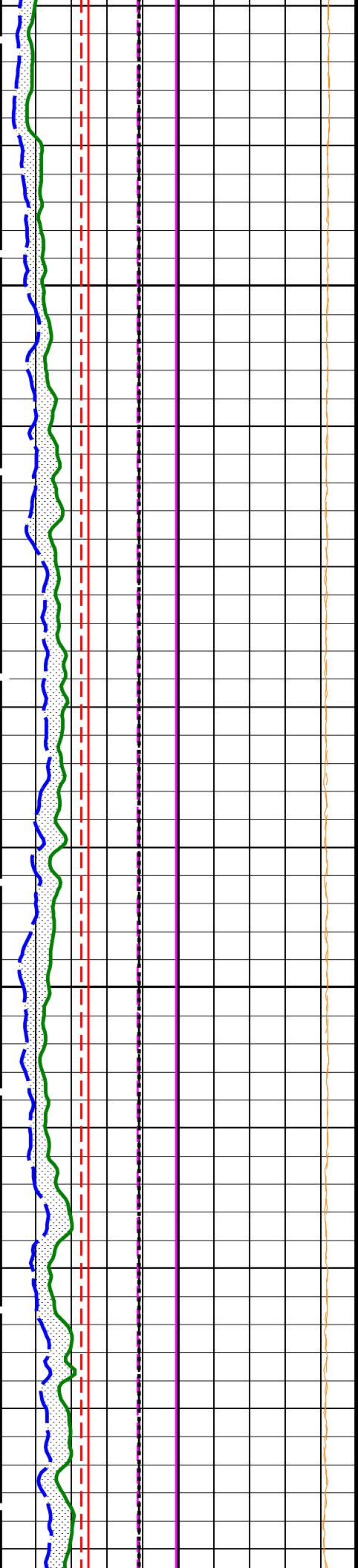
OP System Version: 19C0-187

UBI-E	19C0-187	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S

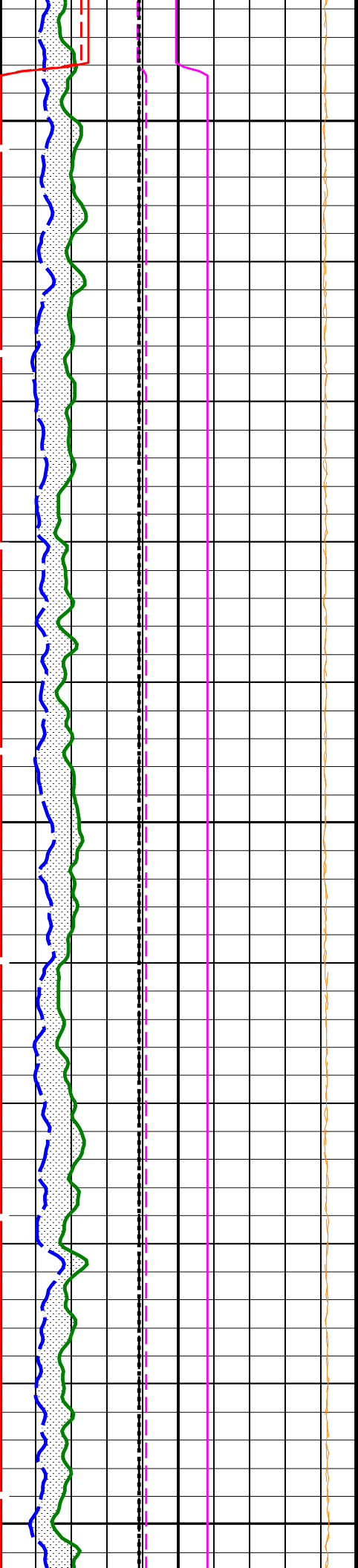




2775

2800

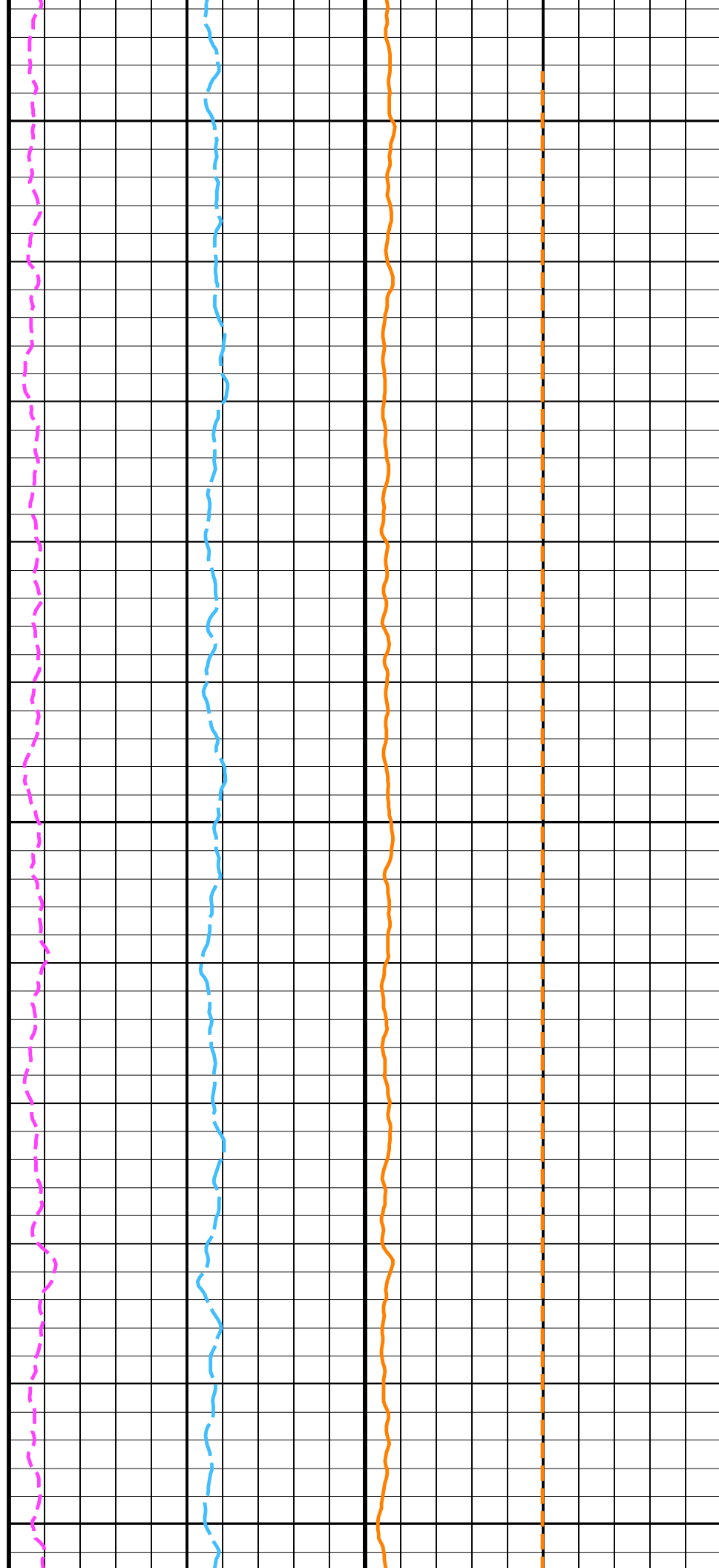


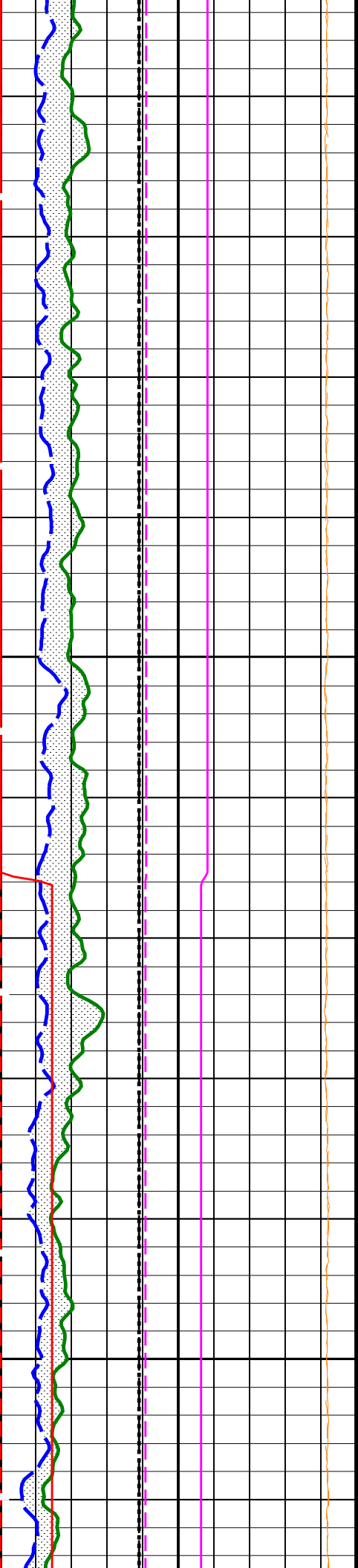


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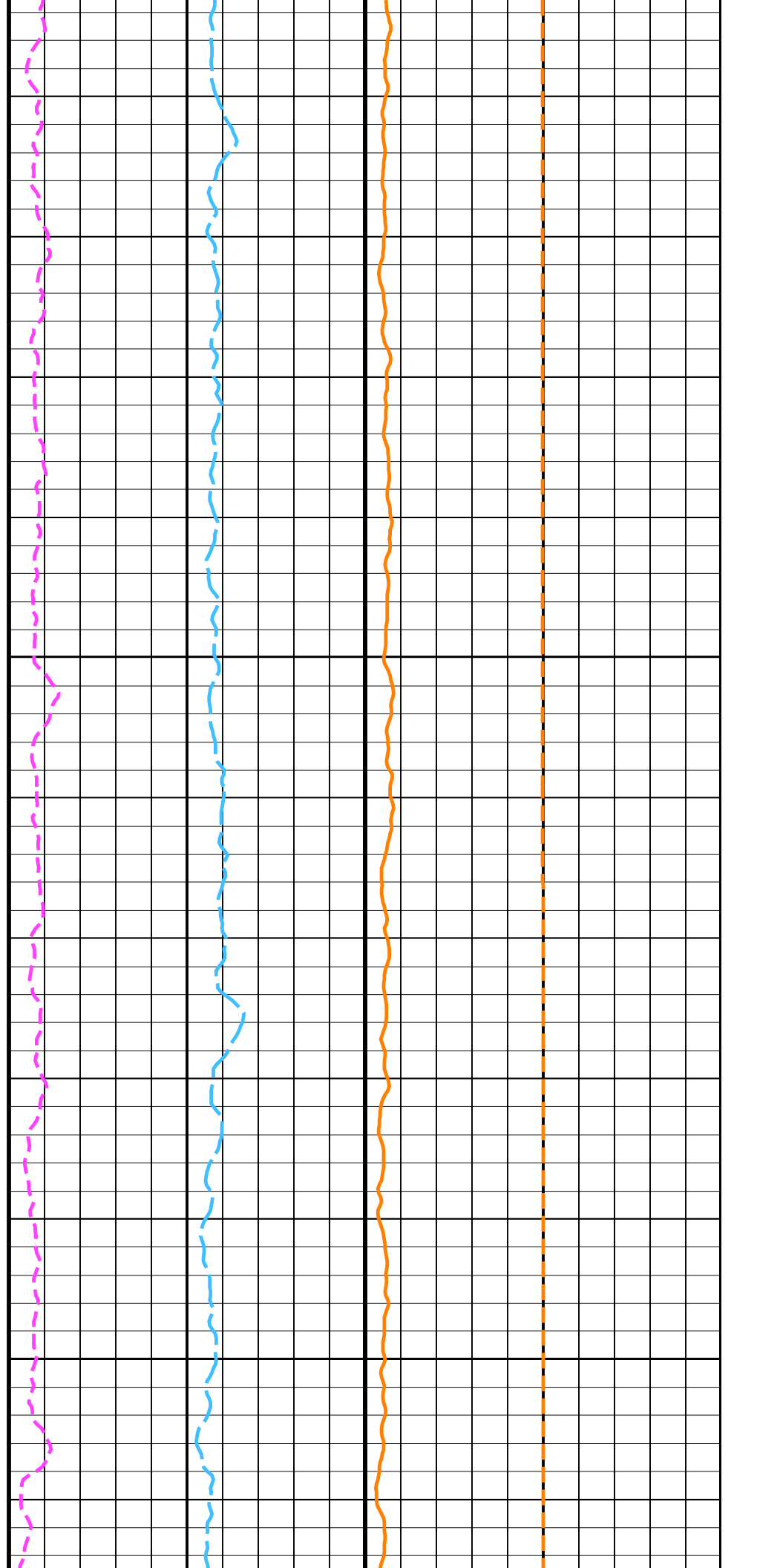
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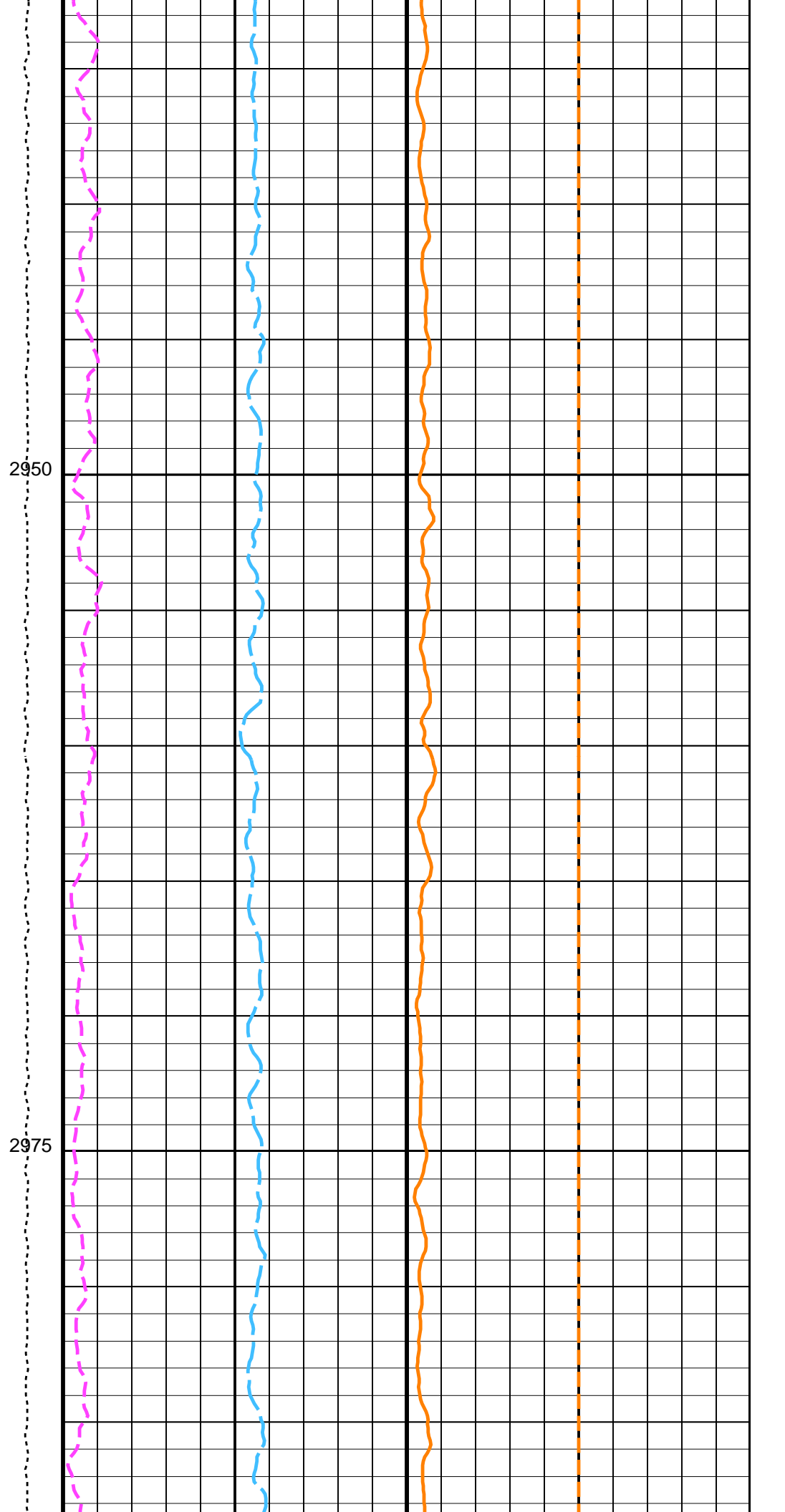
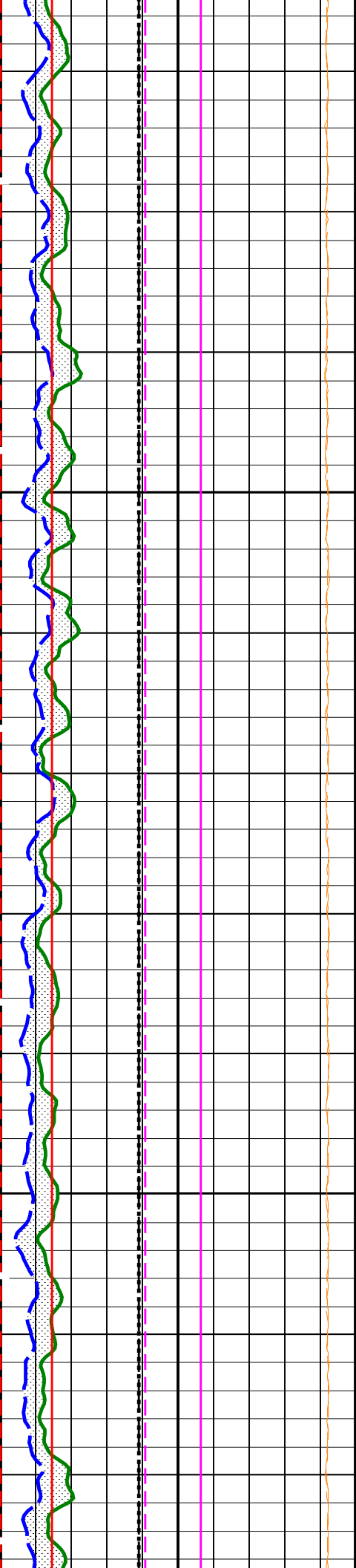


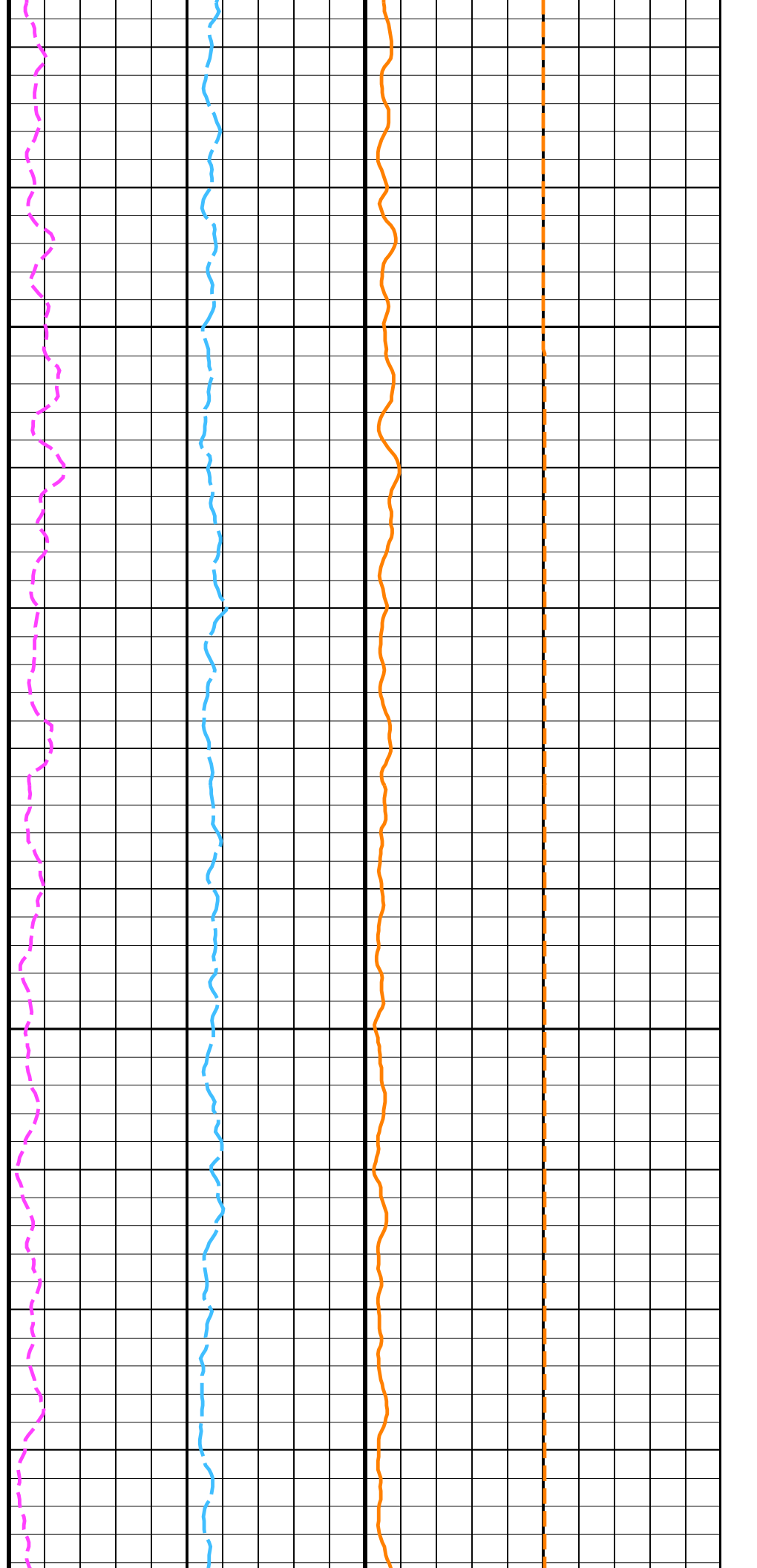
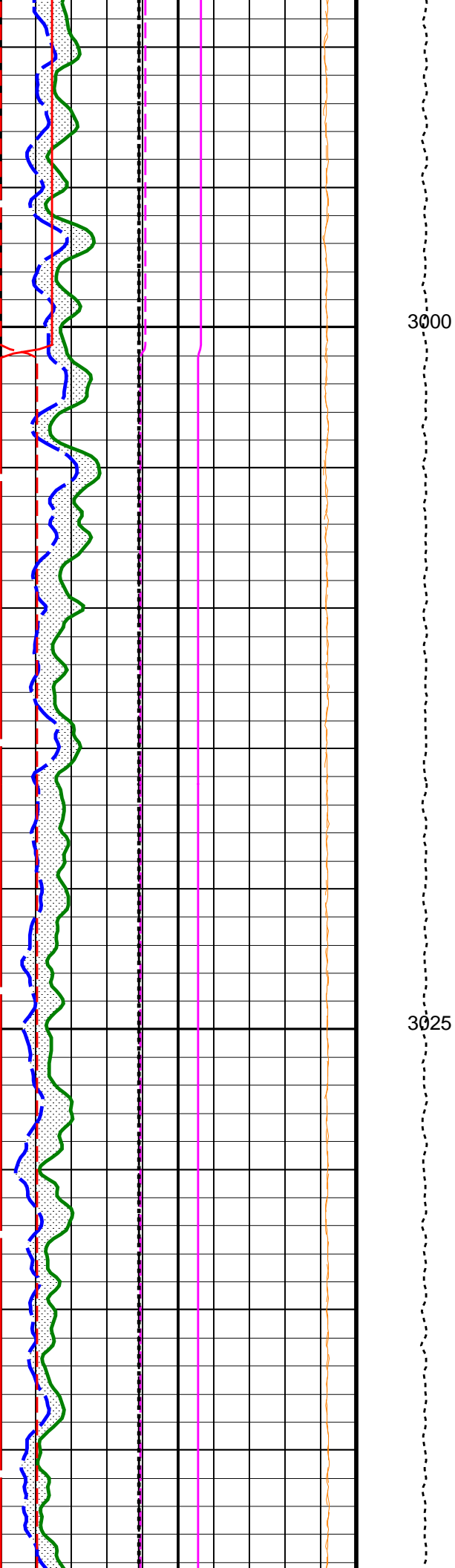


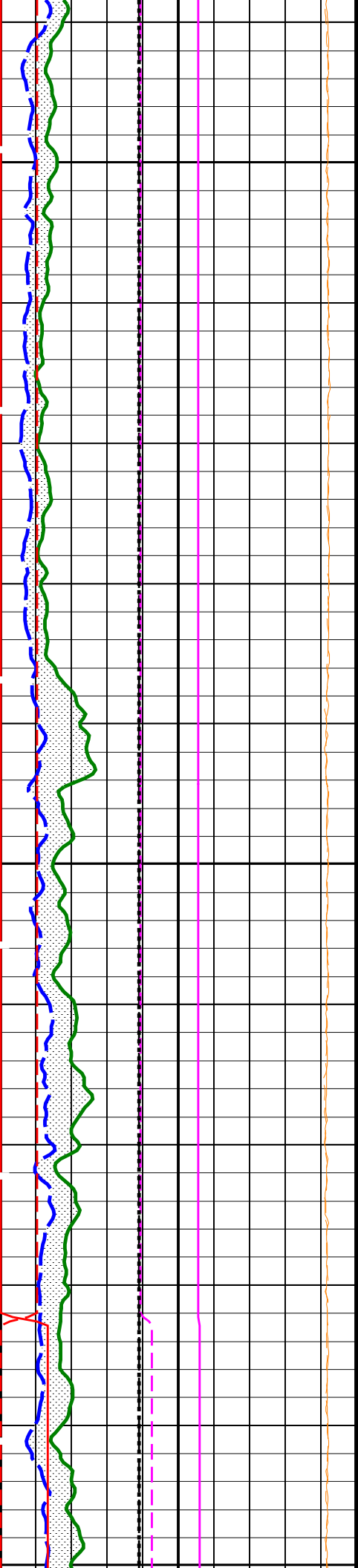
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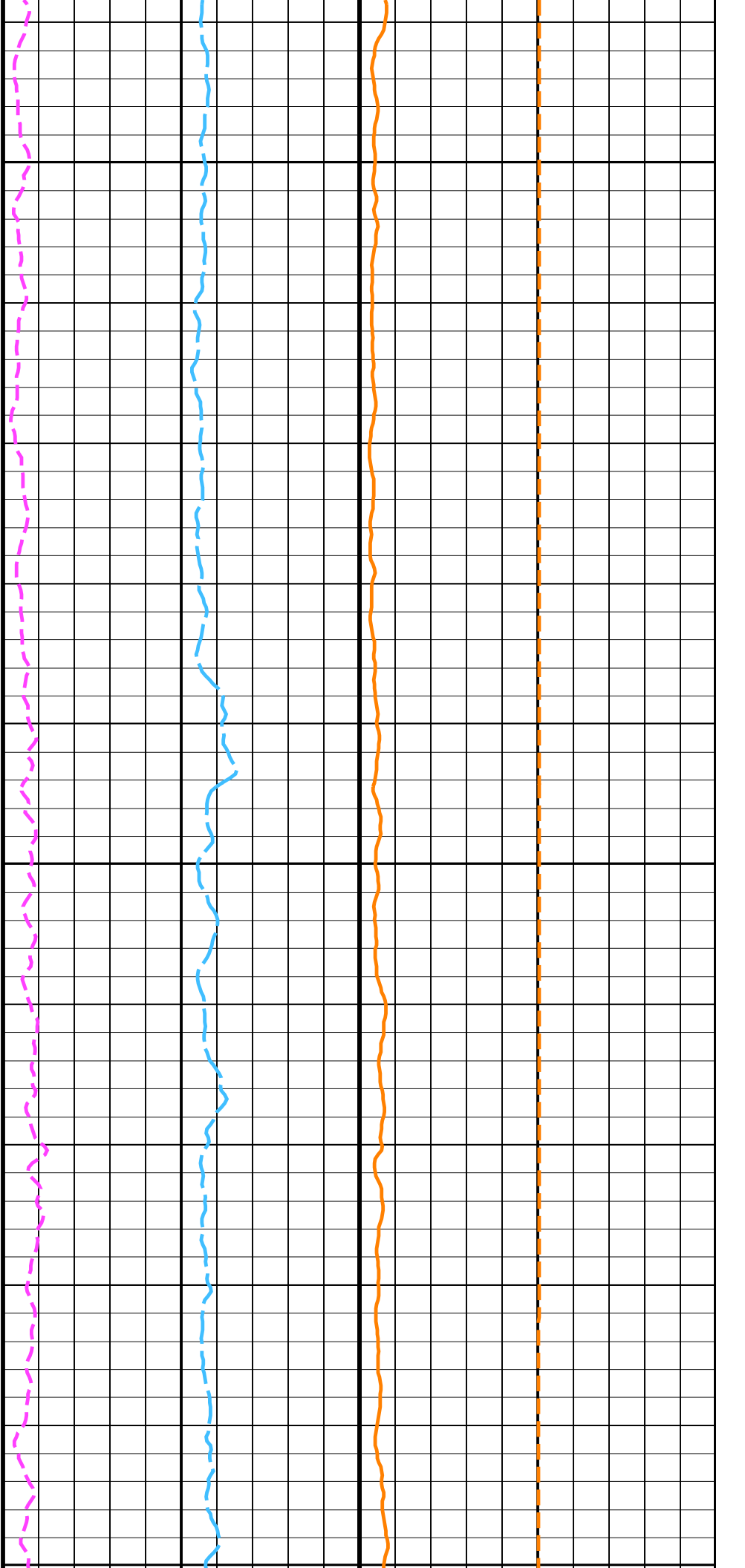


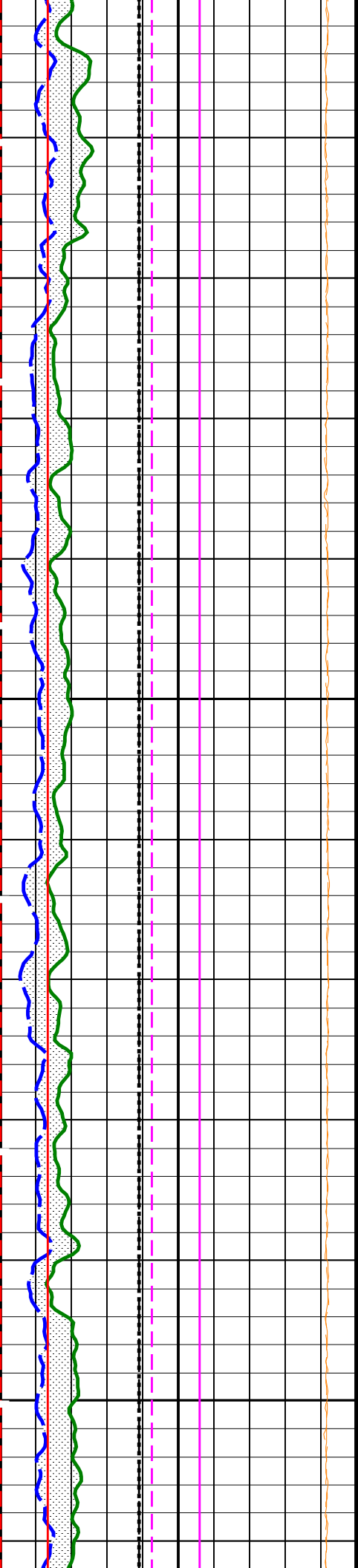


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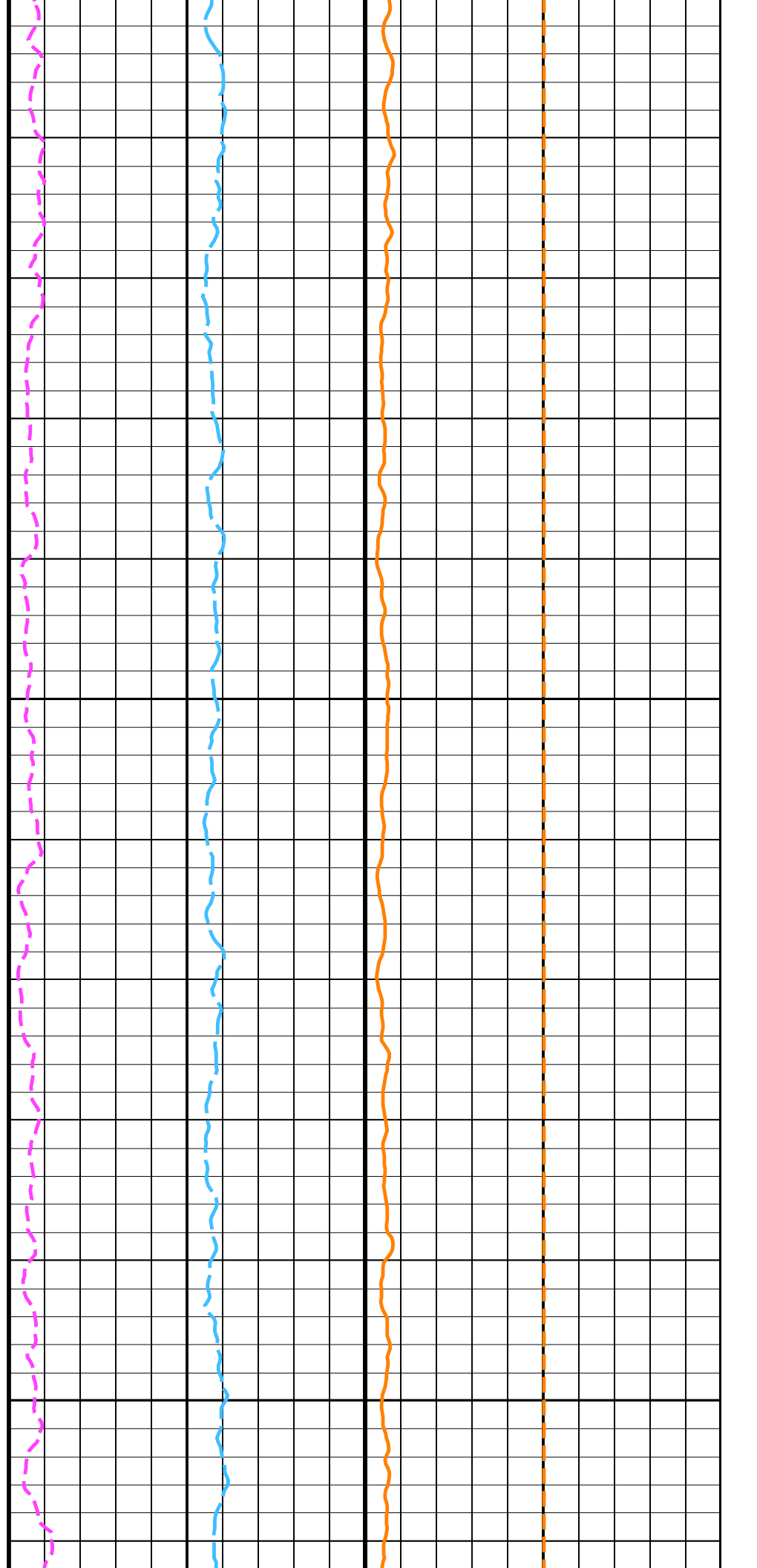
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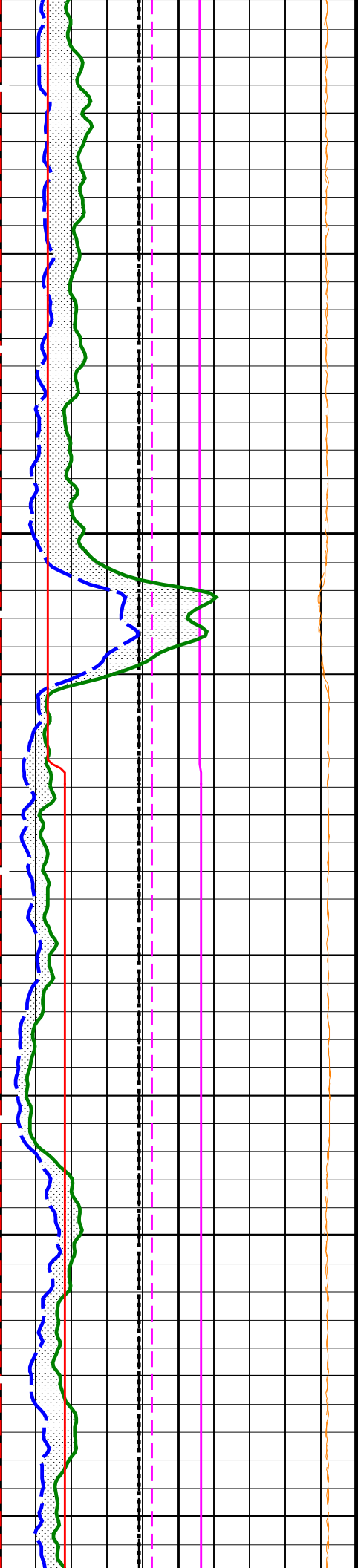




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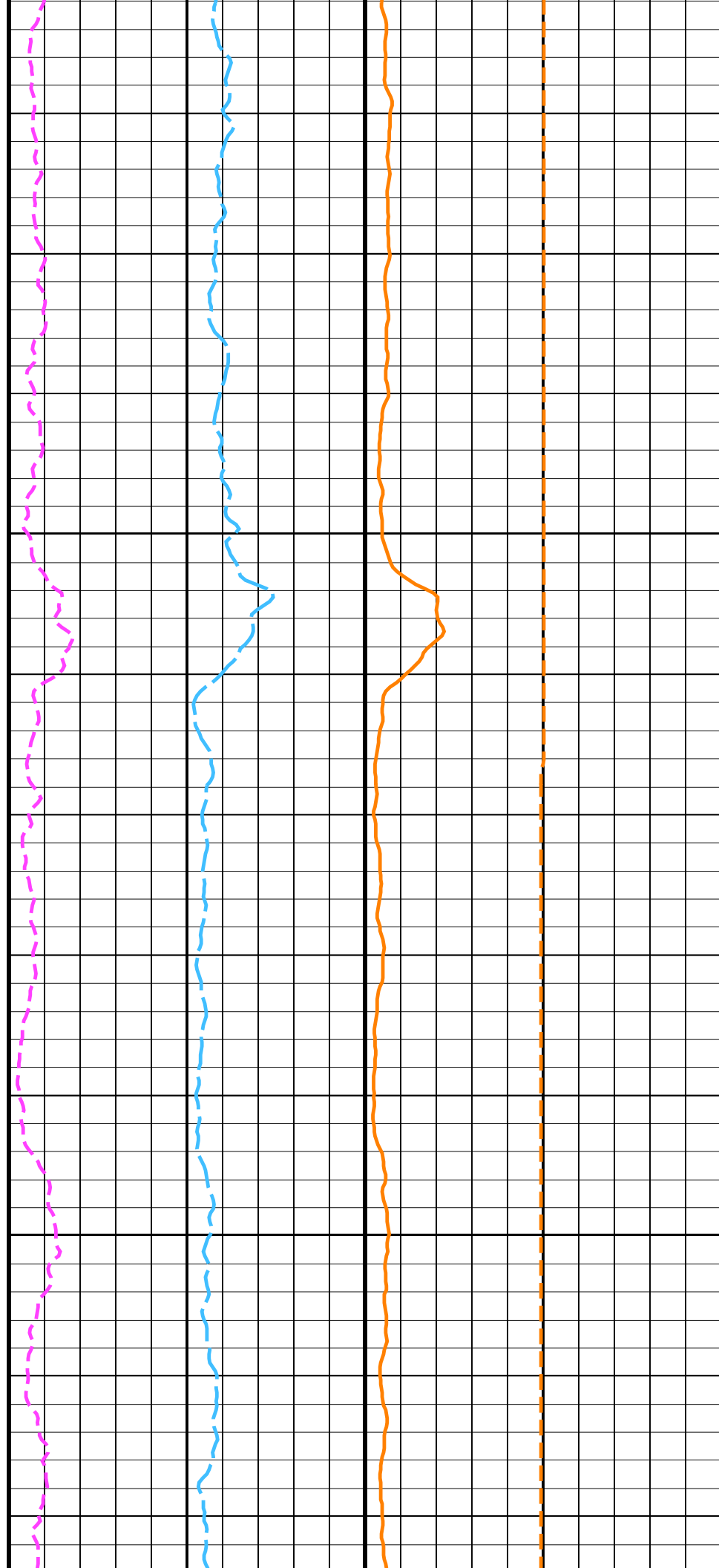
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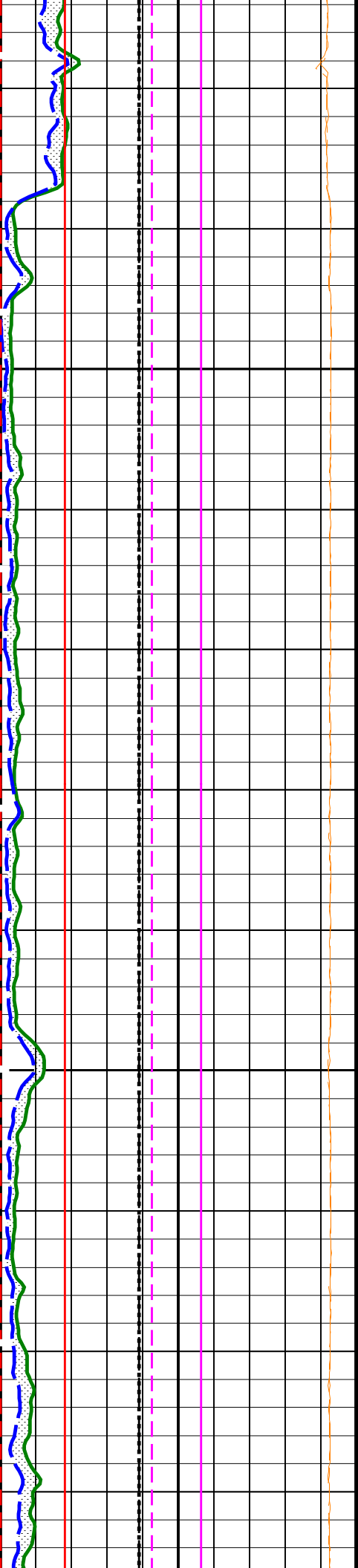




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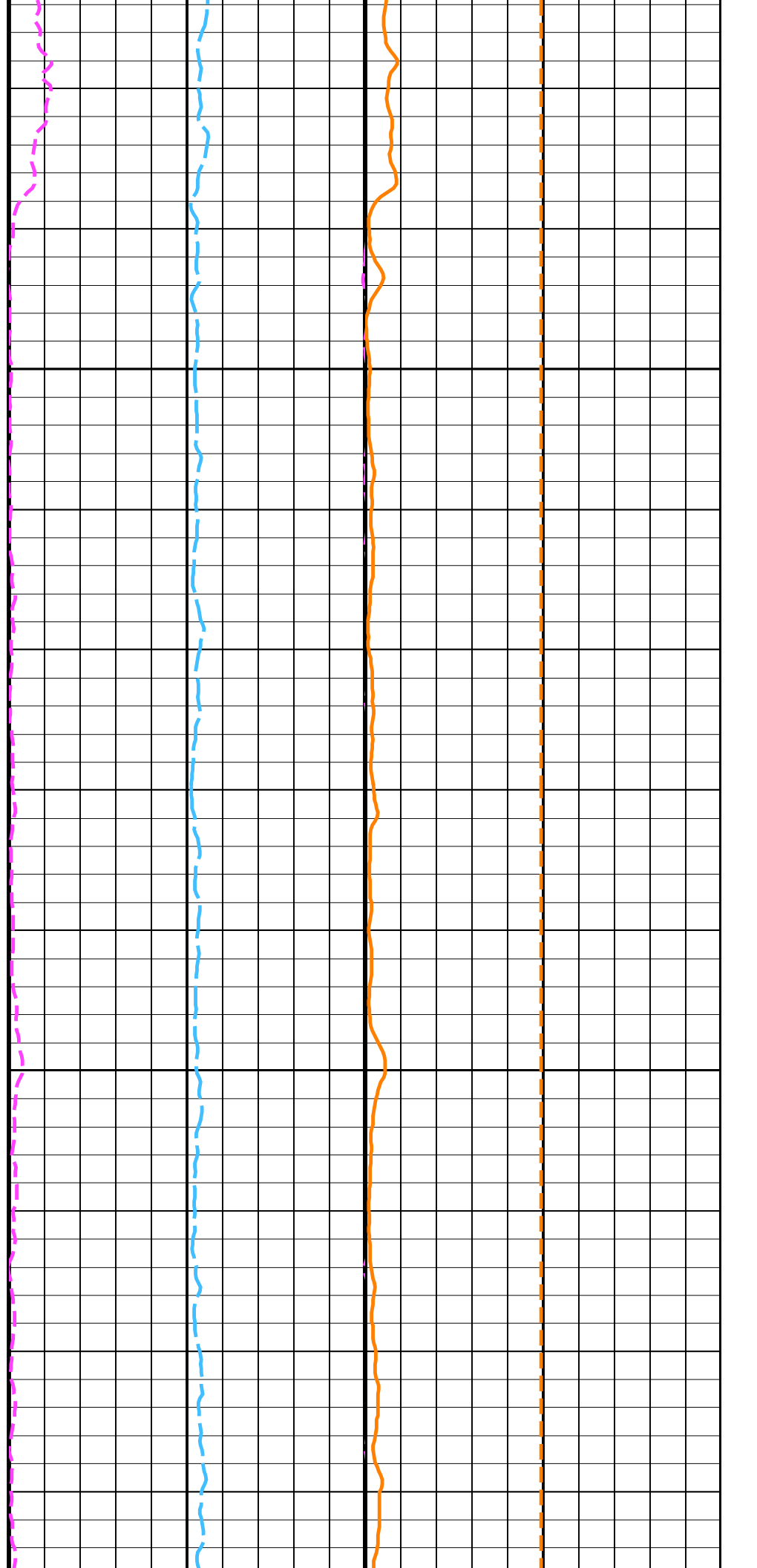
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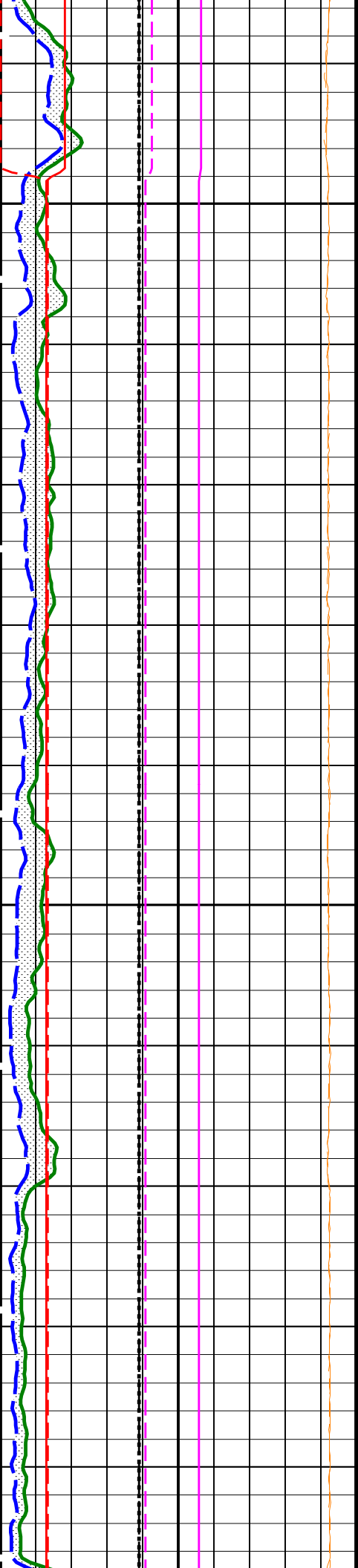




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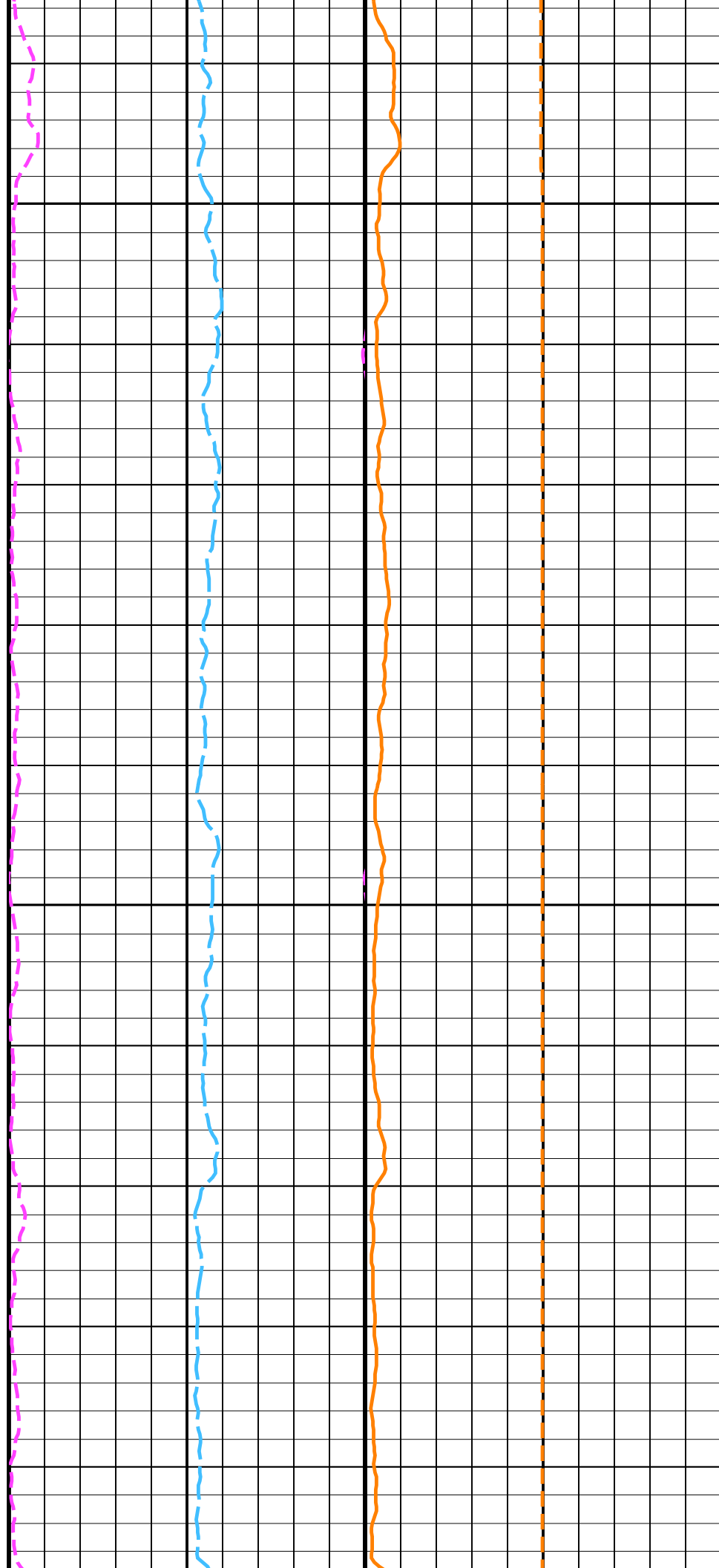
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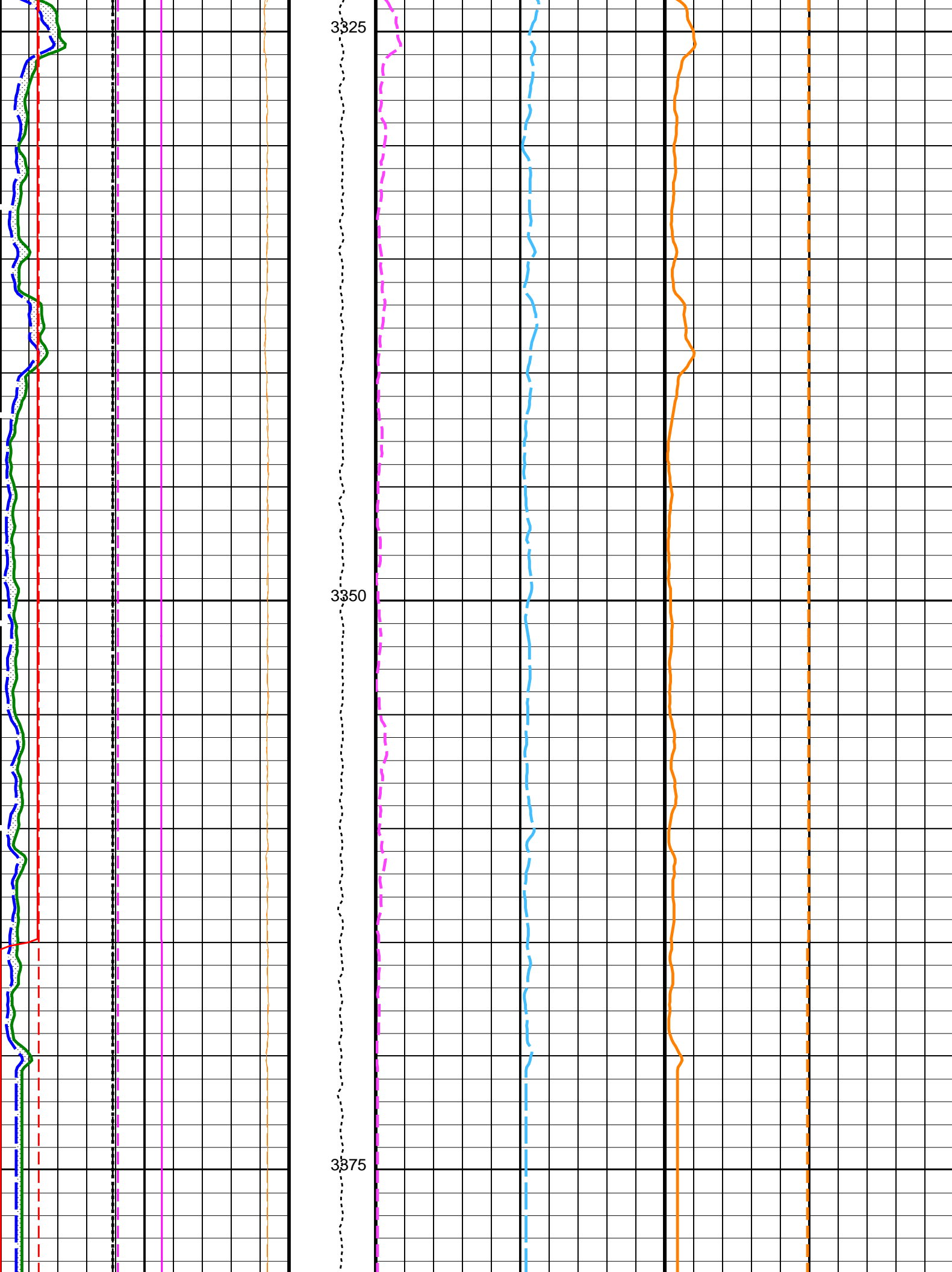




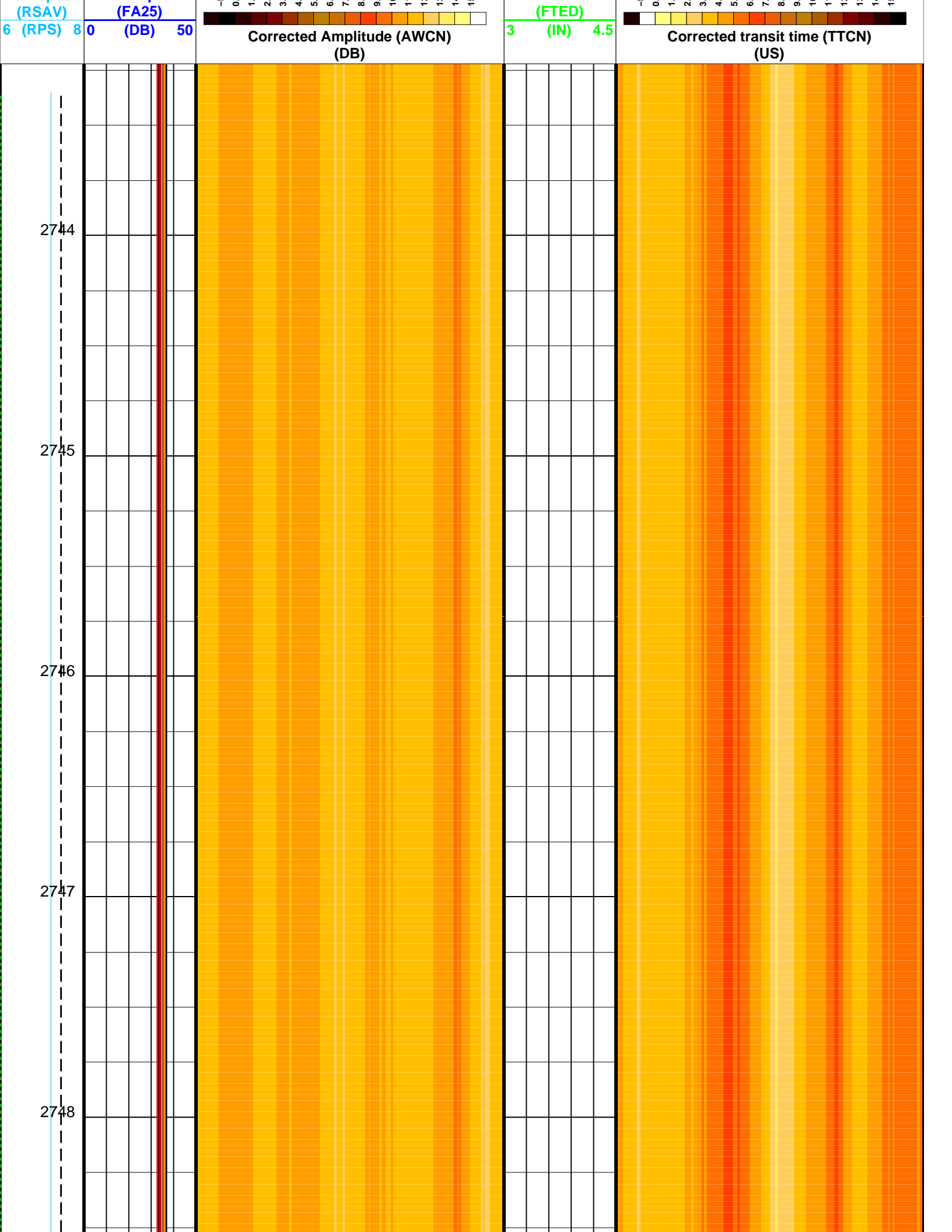
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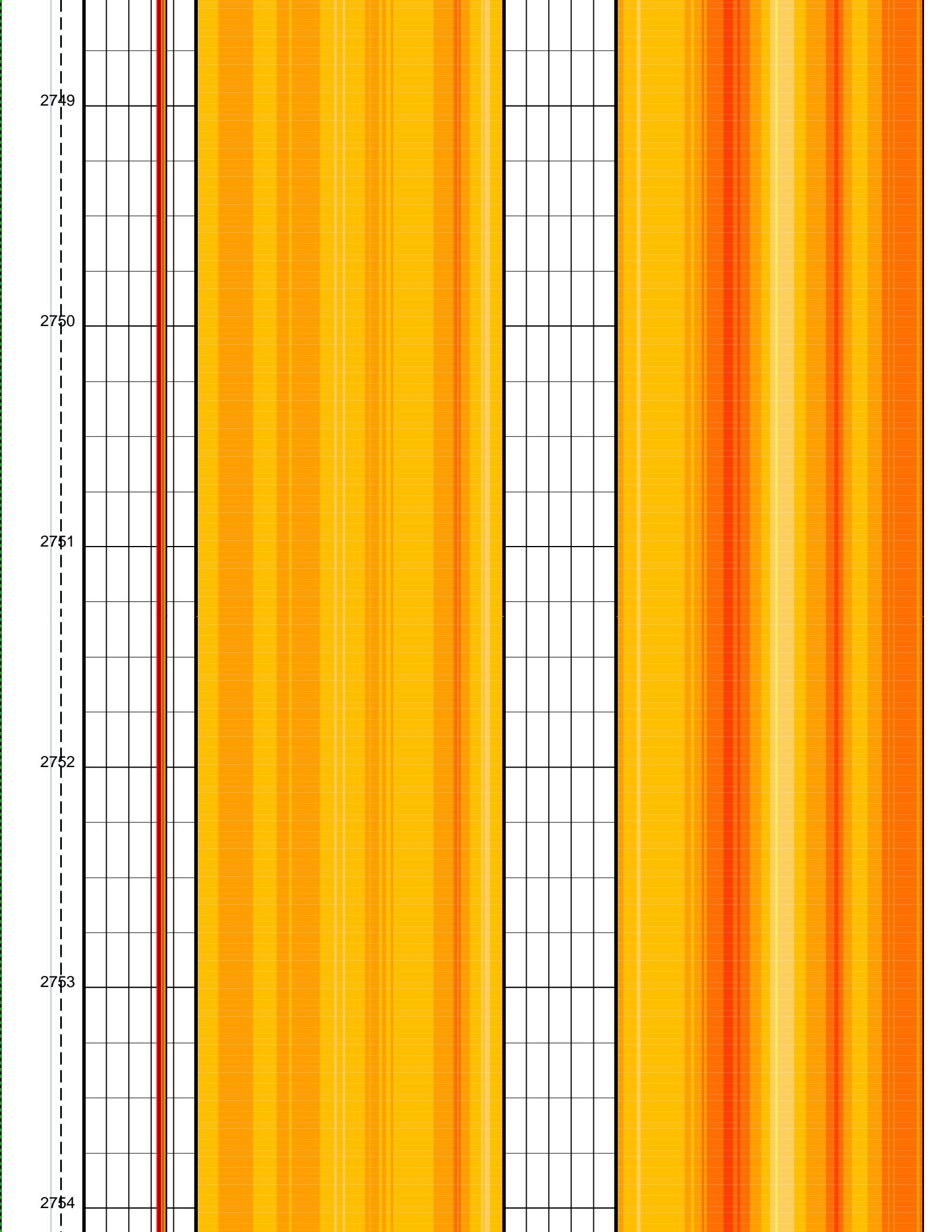
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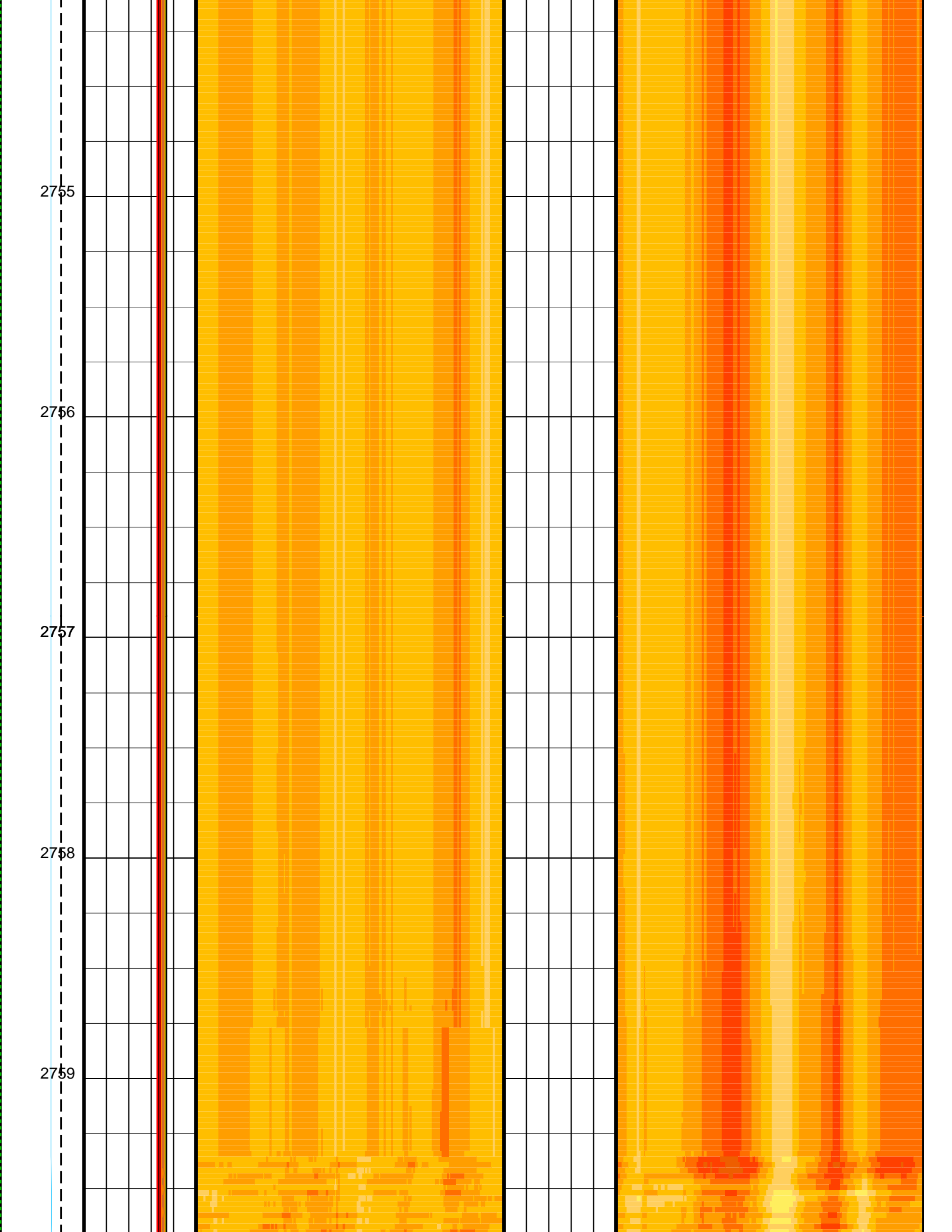


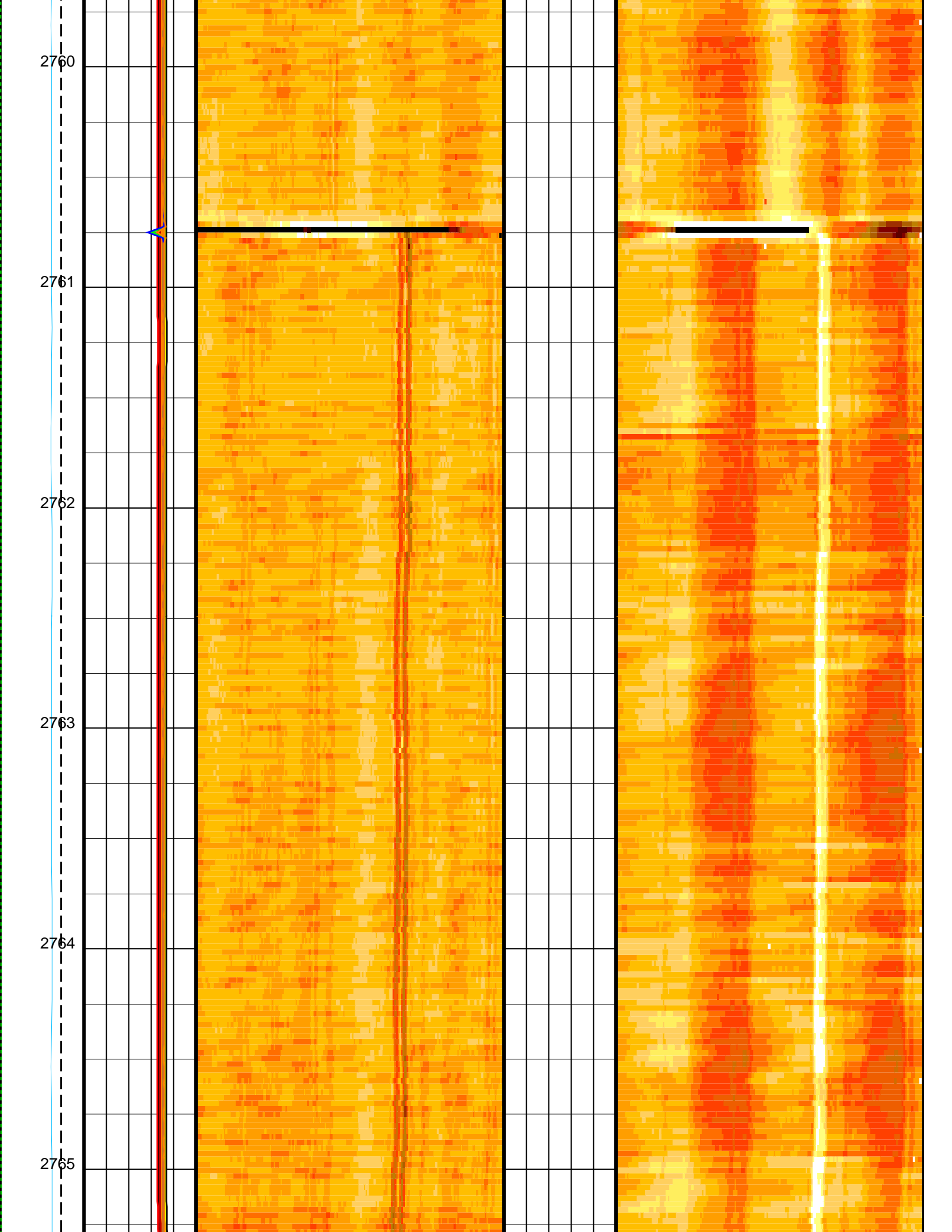


	HIGH Amplitude (FA75)		Radius max (UTMX)	
	0 (DB) 50		3 (IN) 4.5	
	MEDIAN of Amplitude (FAED)		Radius min (UTMN)	
	0 (DB) 50		3 (IN) 4.5	
Fluid velocity (CFVL) (US/M)	Maximum of Amplitude (UAMX)		Radius HIGH (FT75)	
450 750	0 (DB) 50		3 (IN) 4.5	
Cable Speed (CS) (M/HR)	Min. of Amplitude (UAMN)		Radius LOW (FT25)	
0 150000	0 (DB) 50		3 (IN) 4.5	
Rev. speed	LOW Amplitude		MEDIAN Radius	









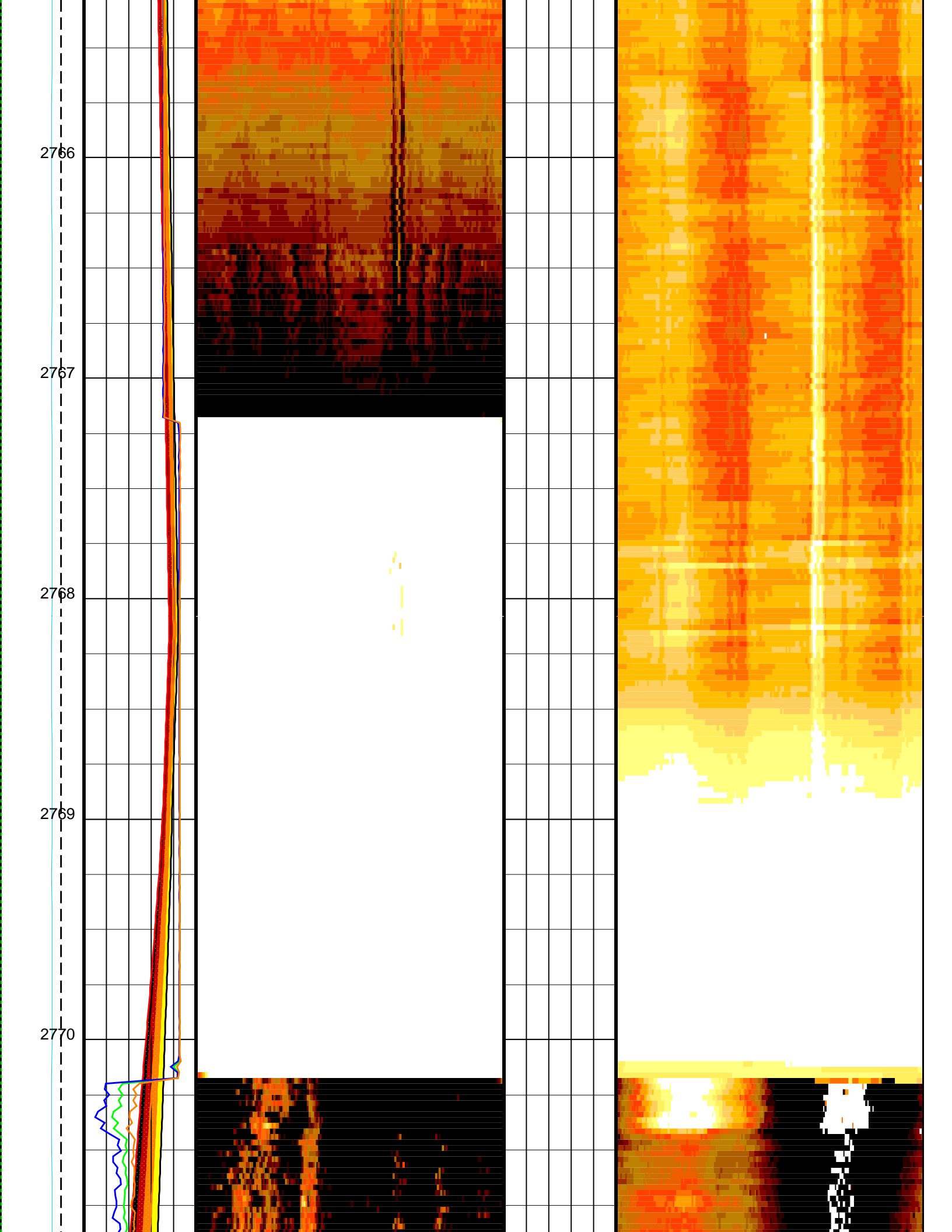
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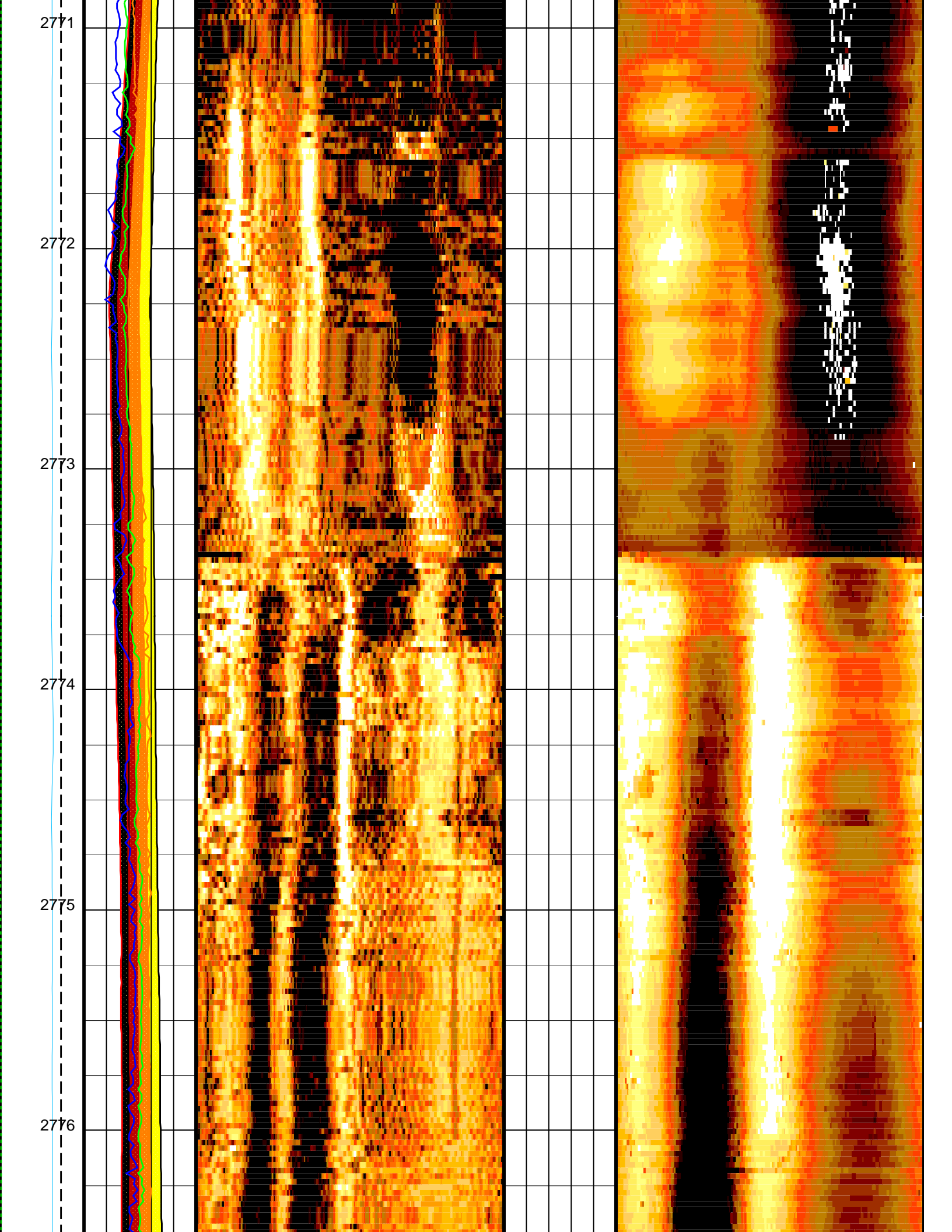
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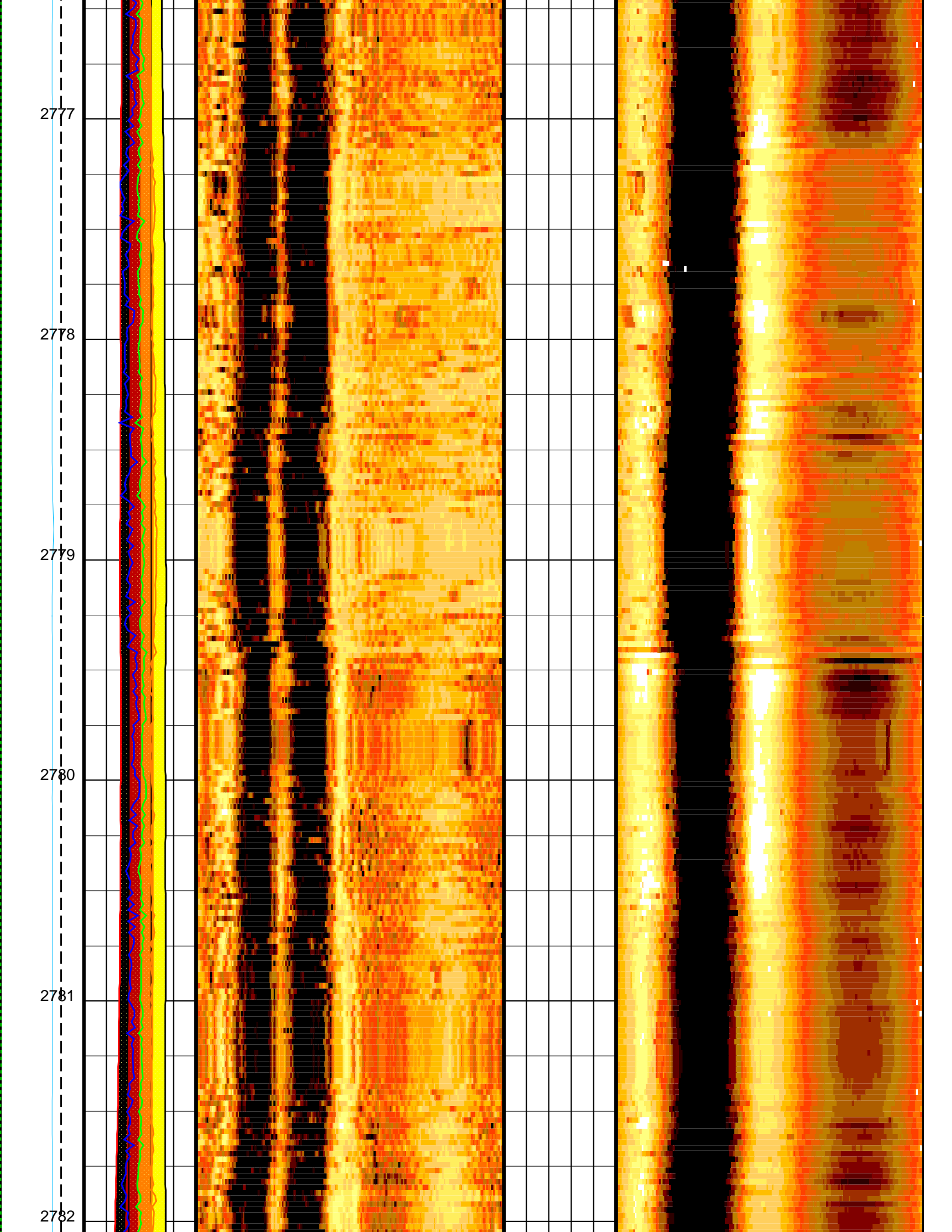
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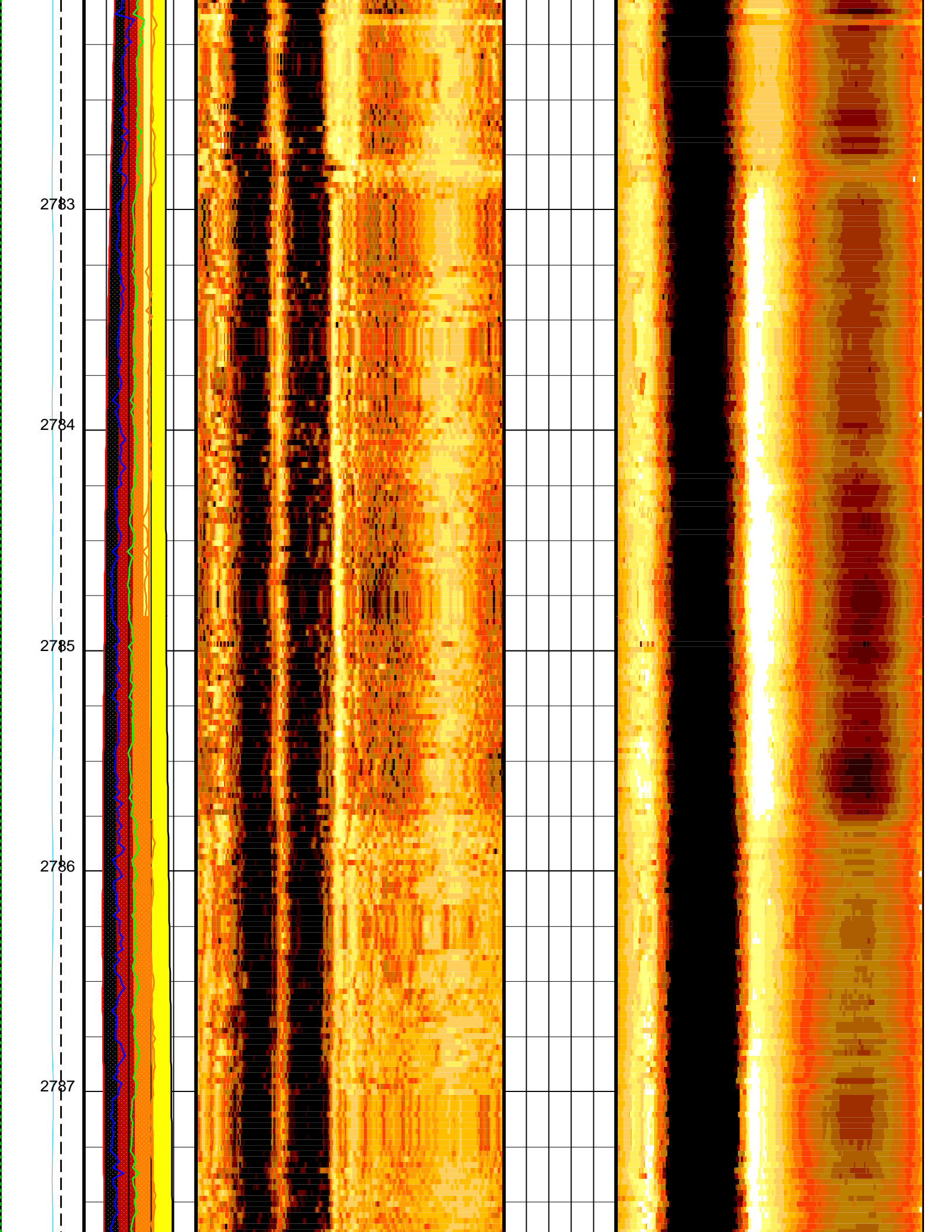
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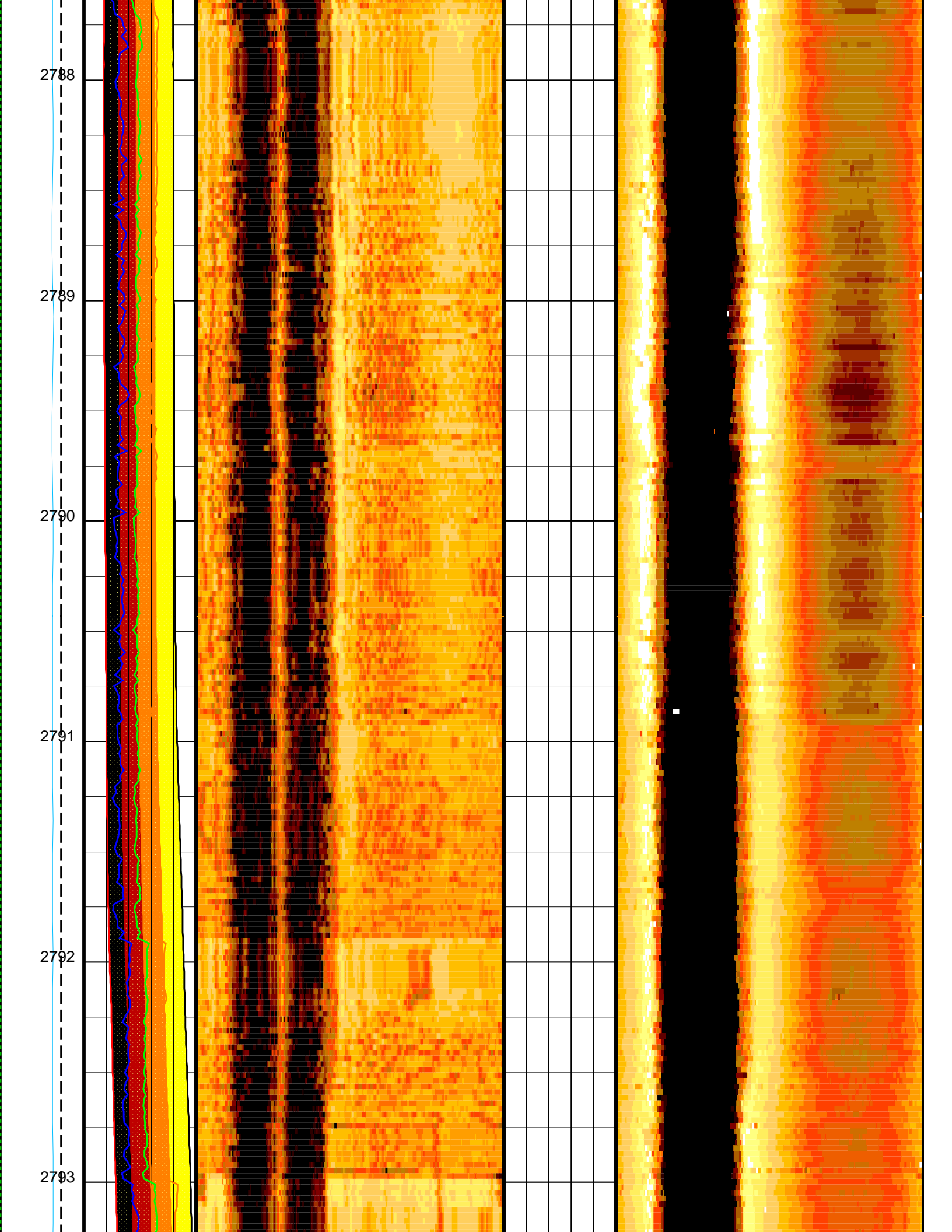
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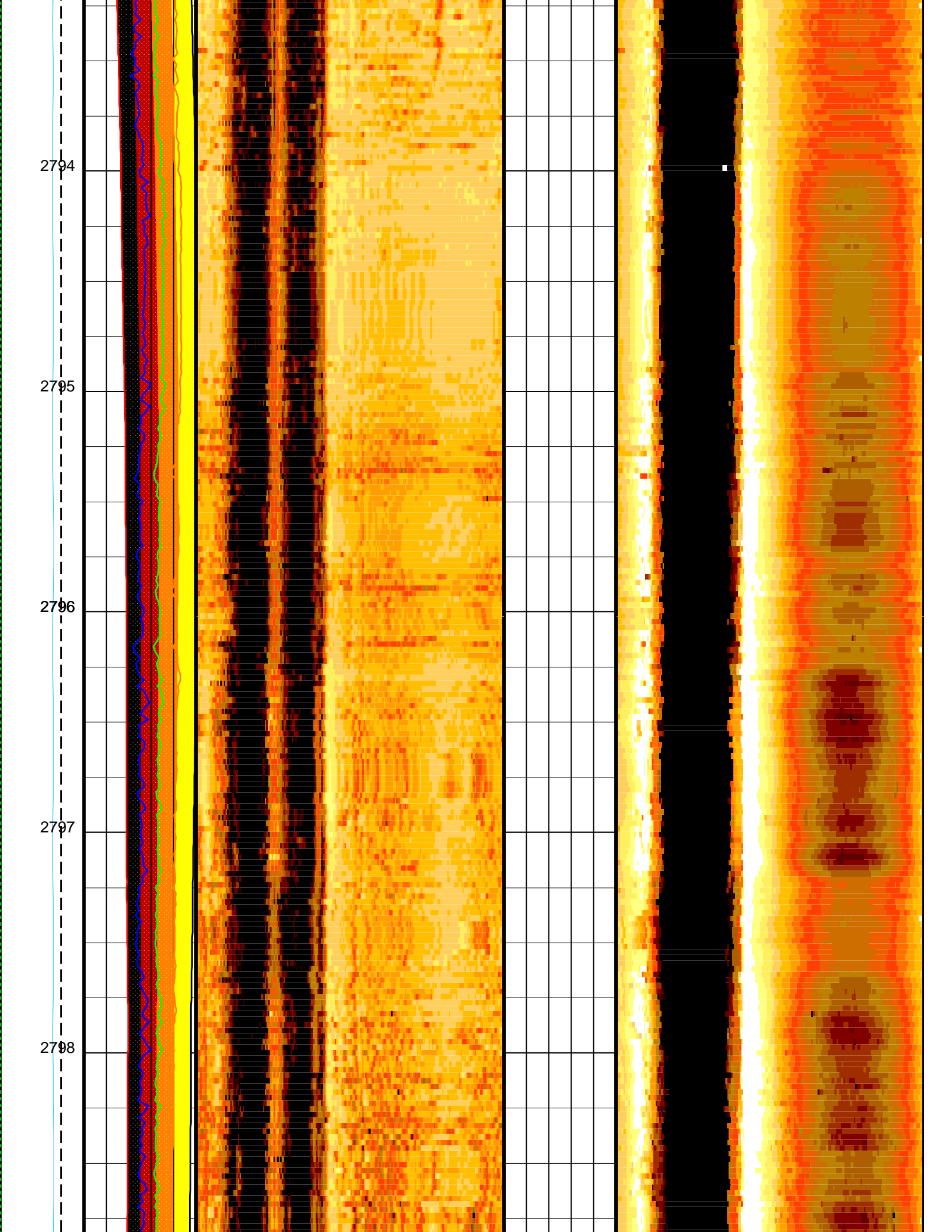


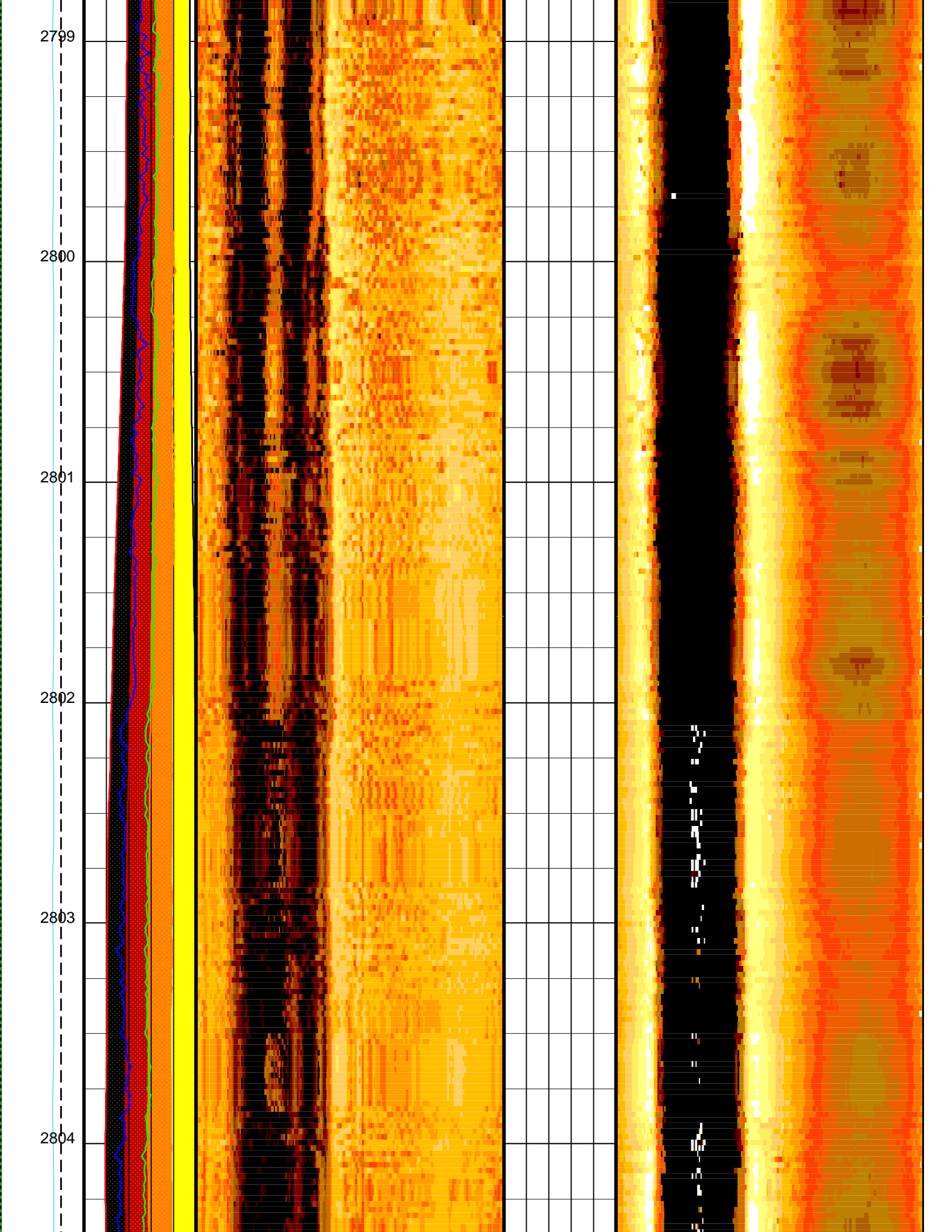


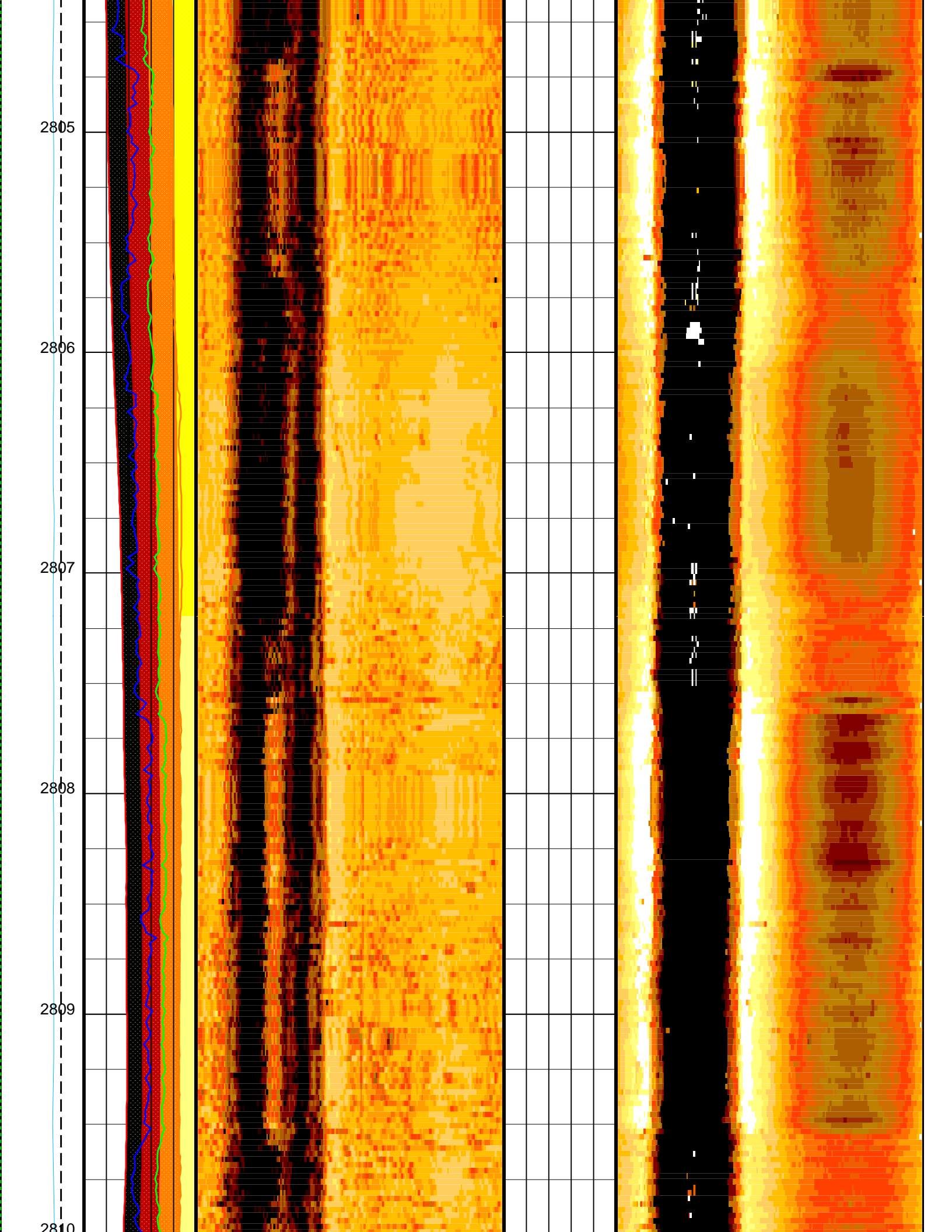


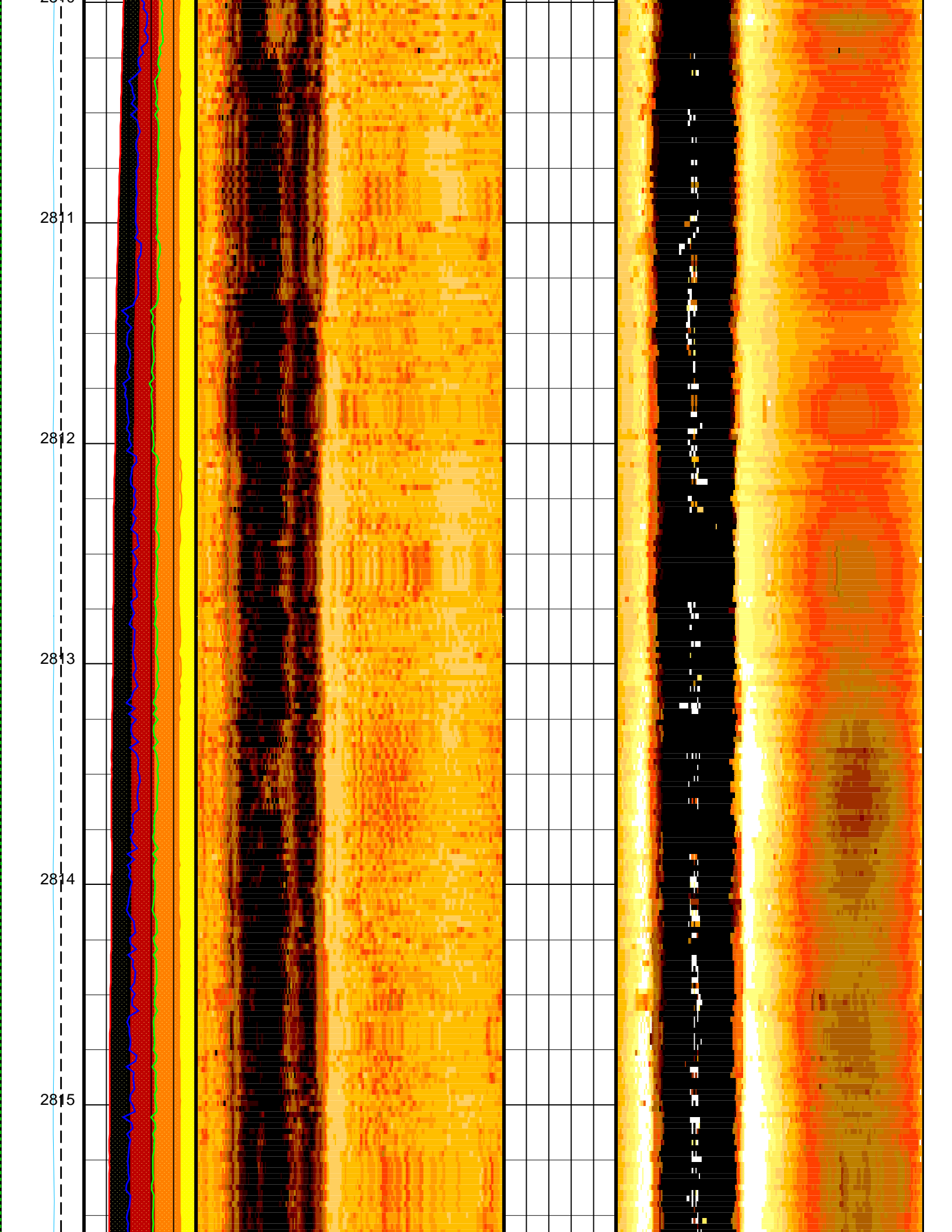












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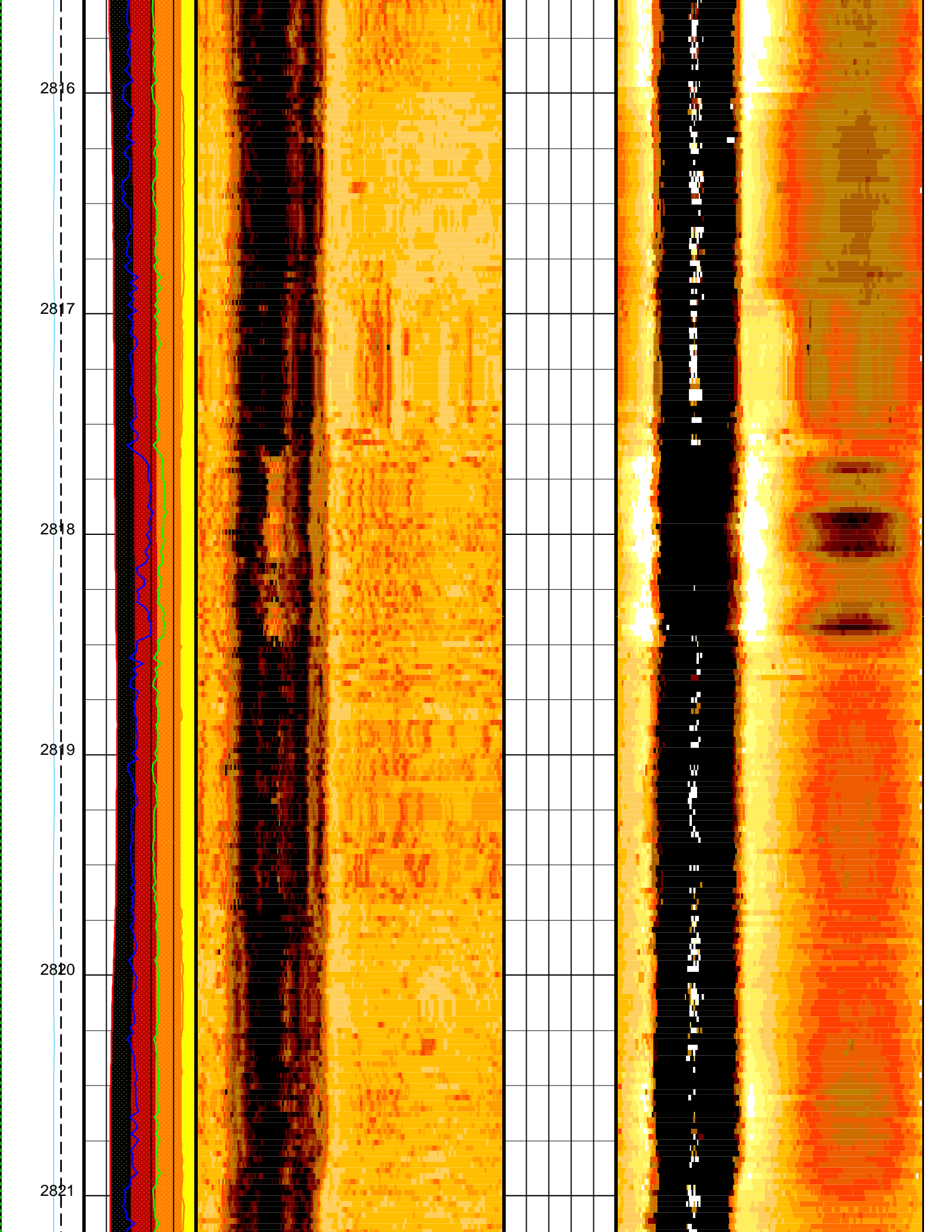
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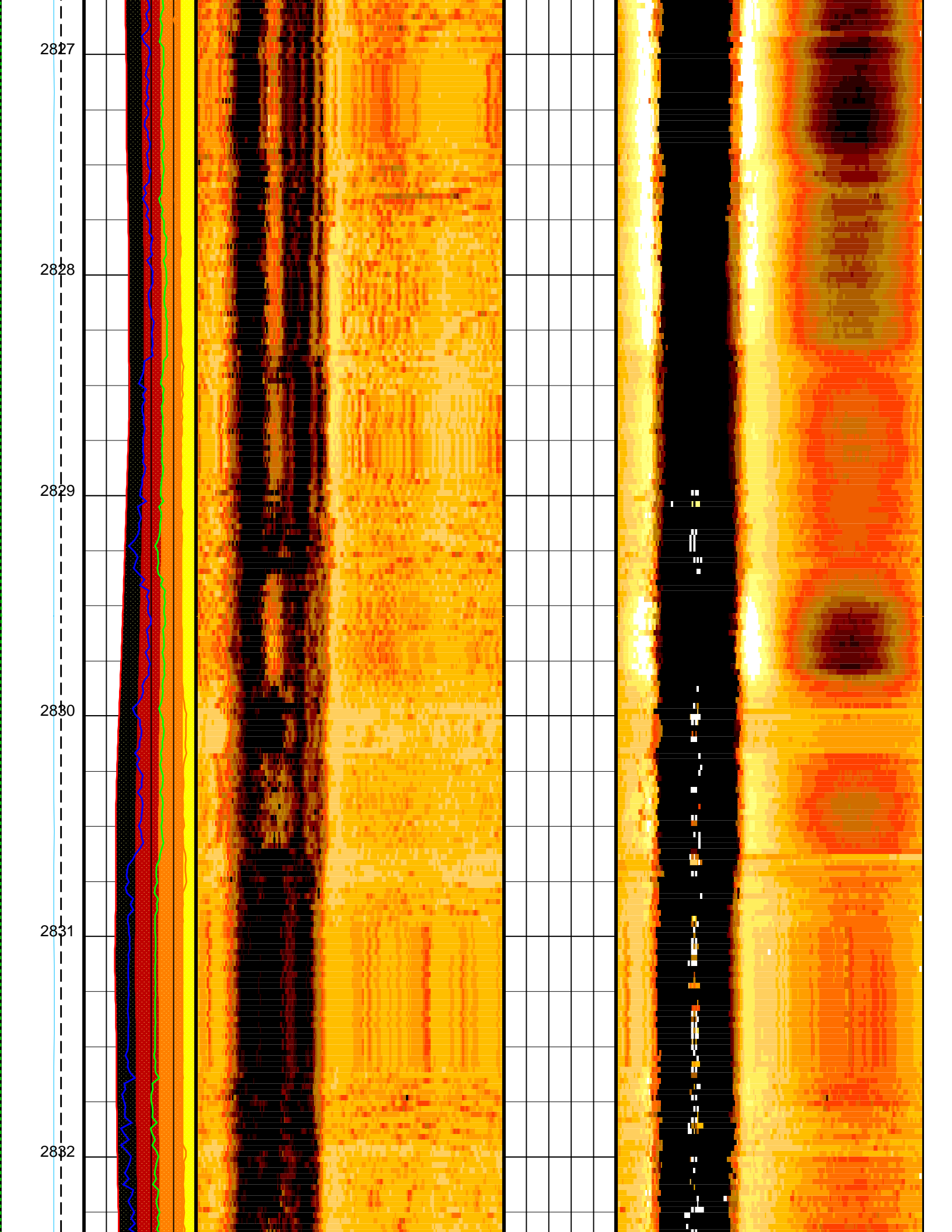
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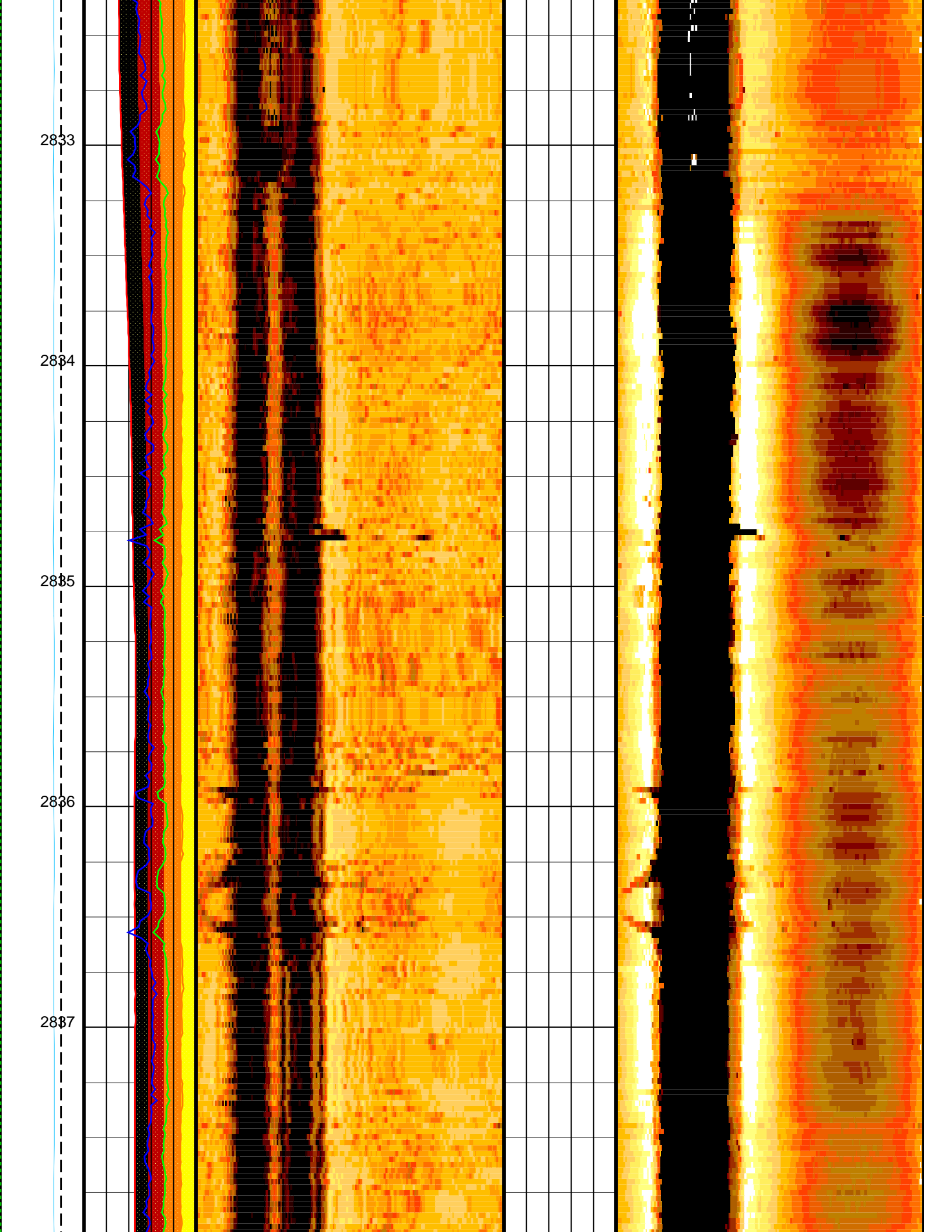
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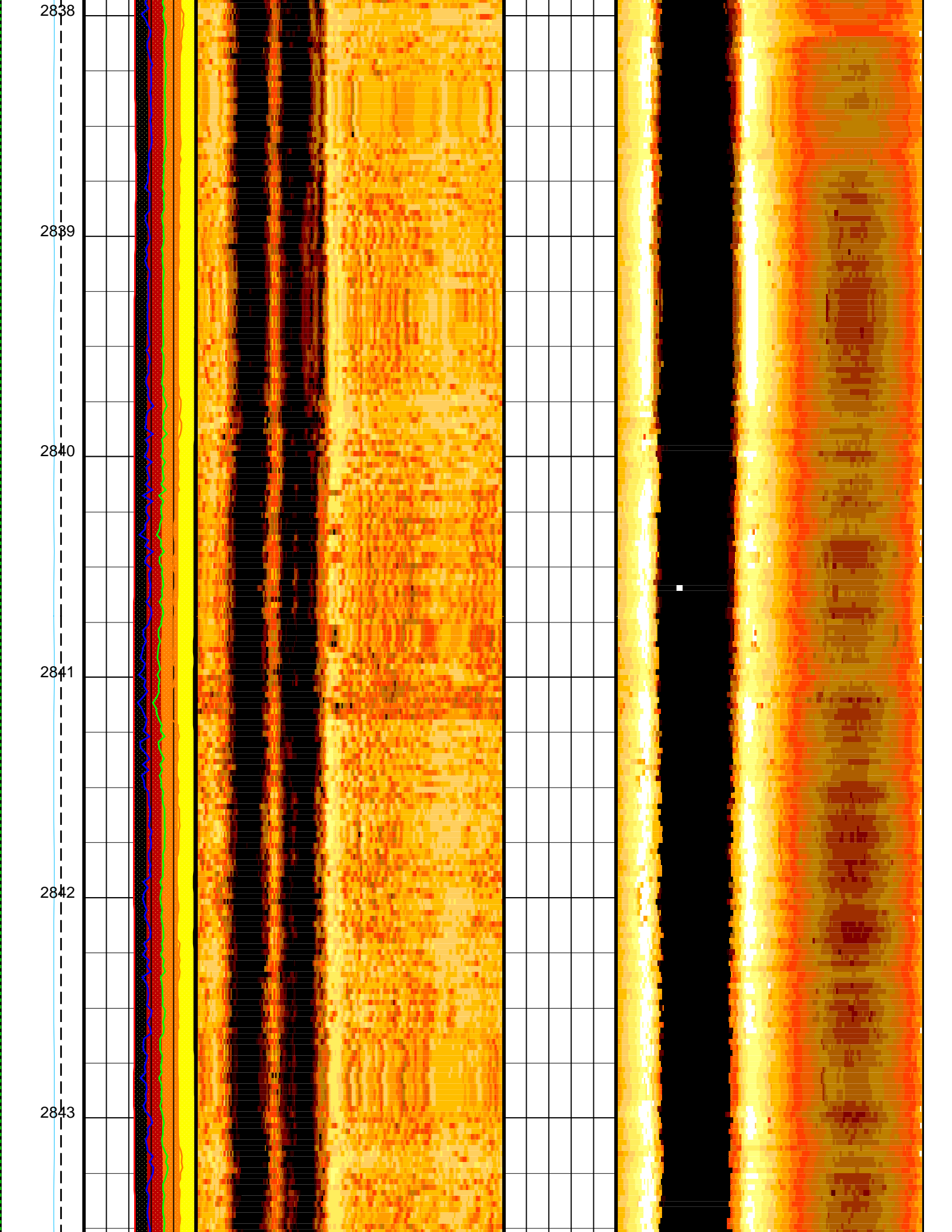
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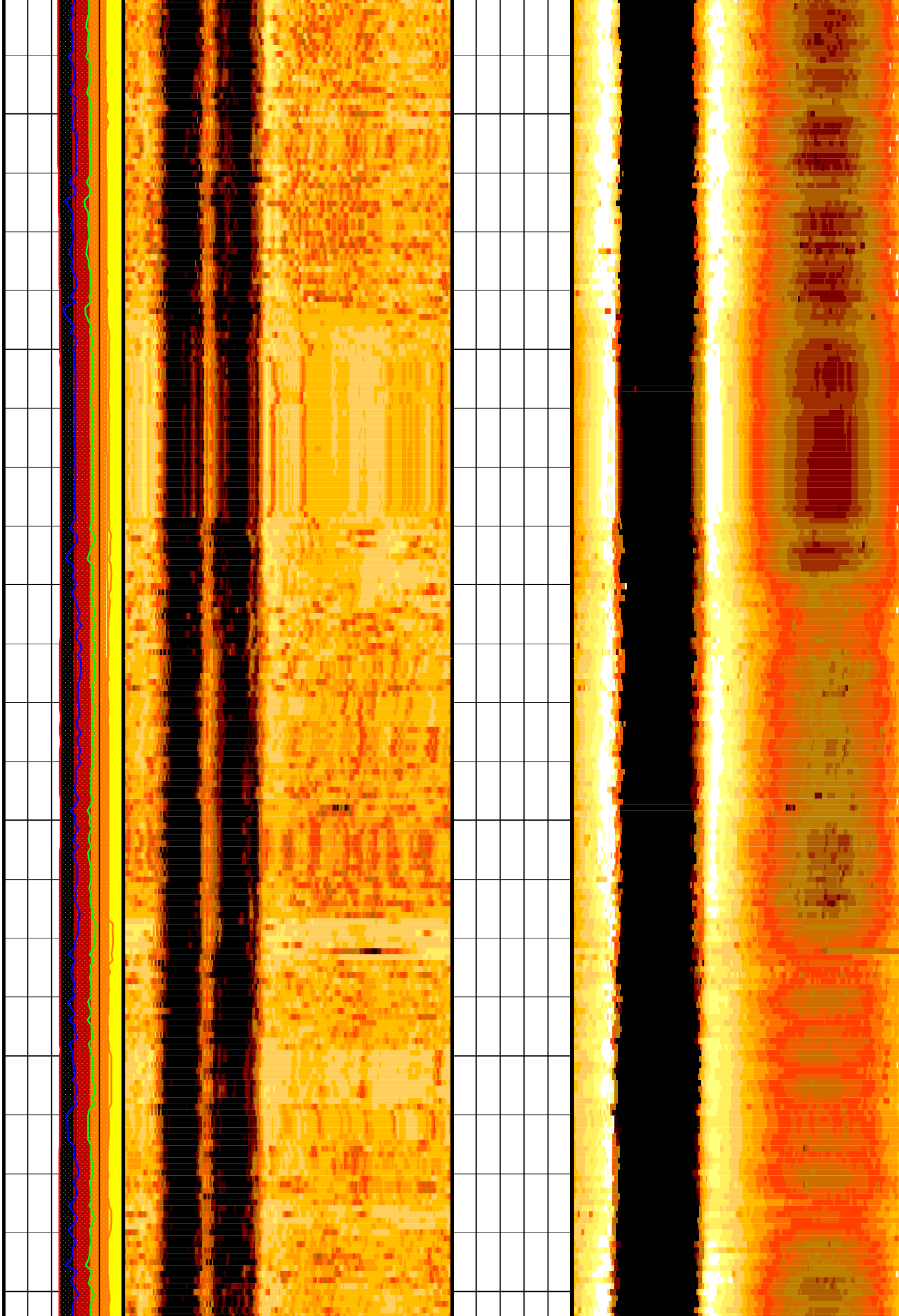
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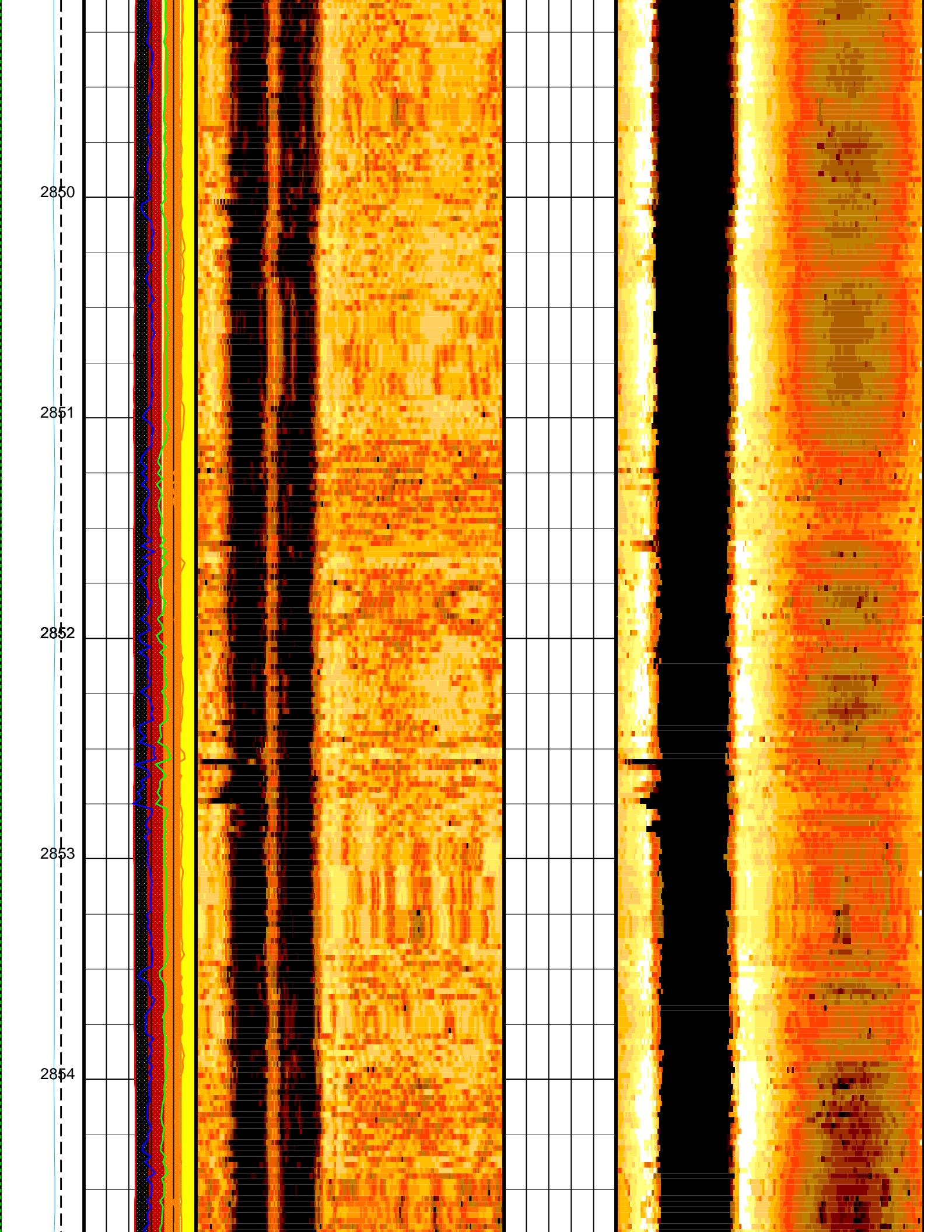
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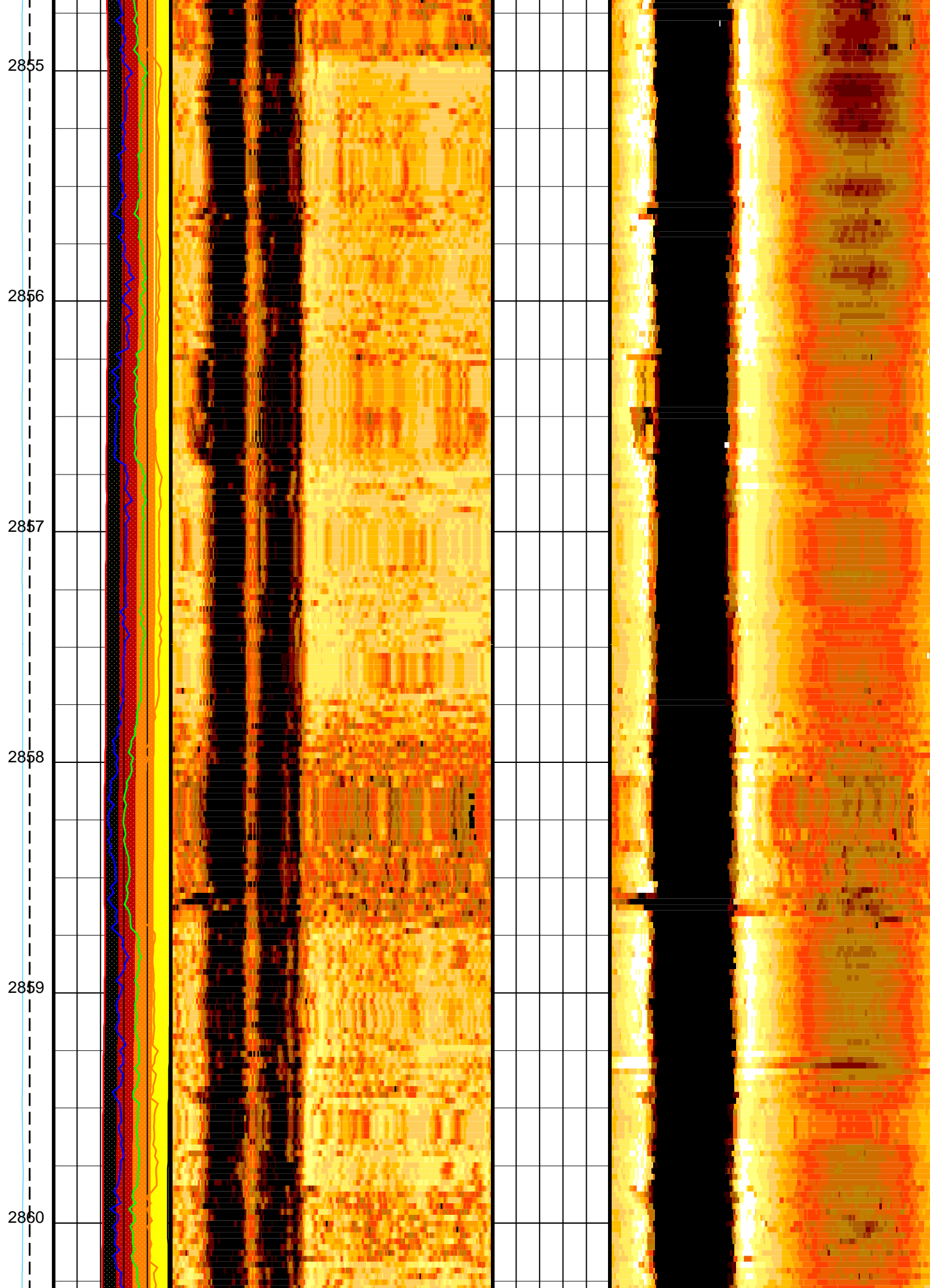
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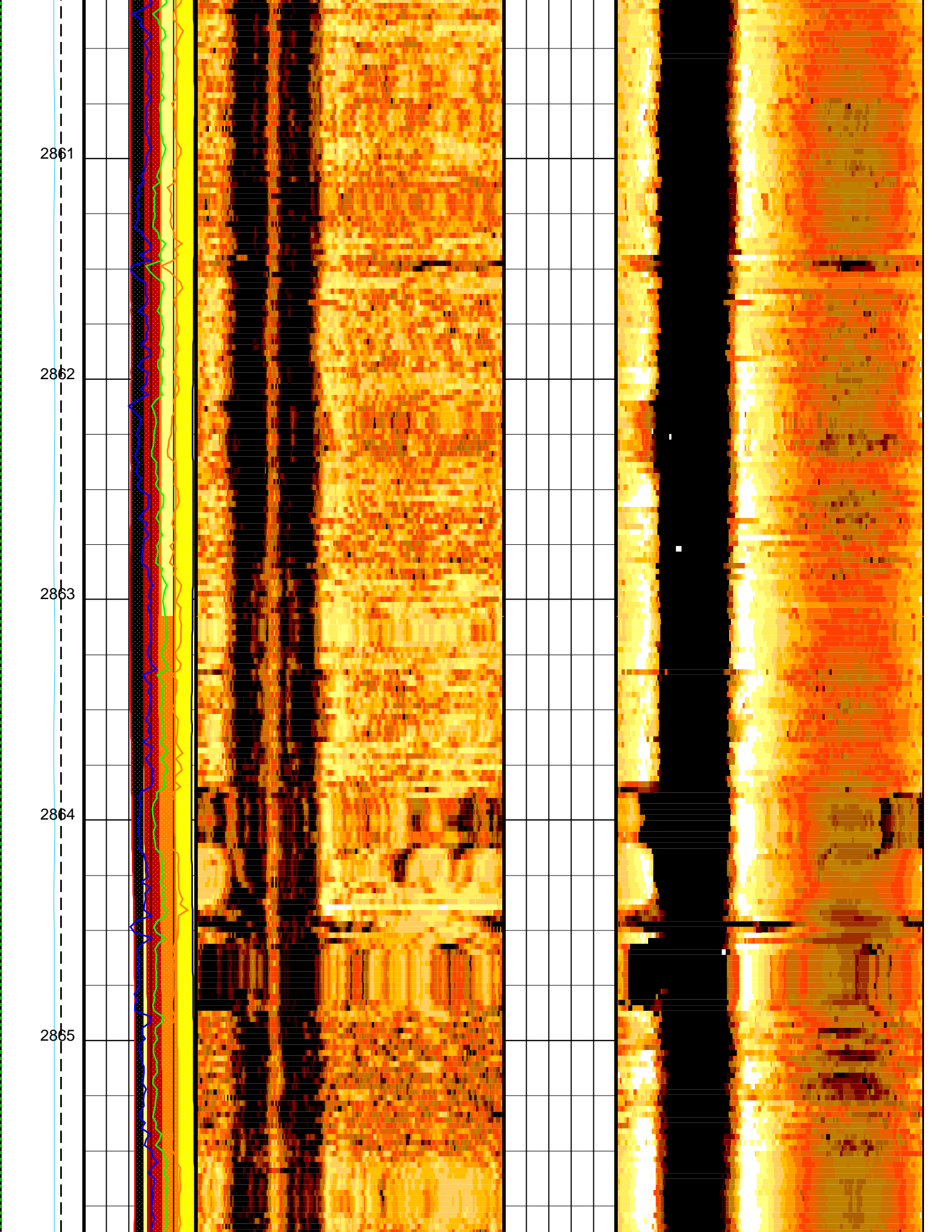
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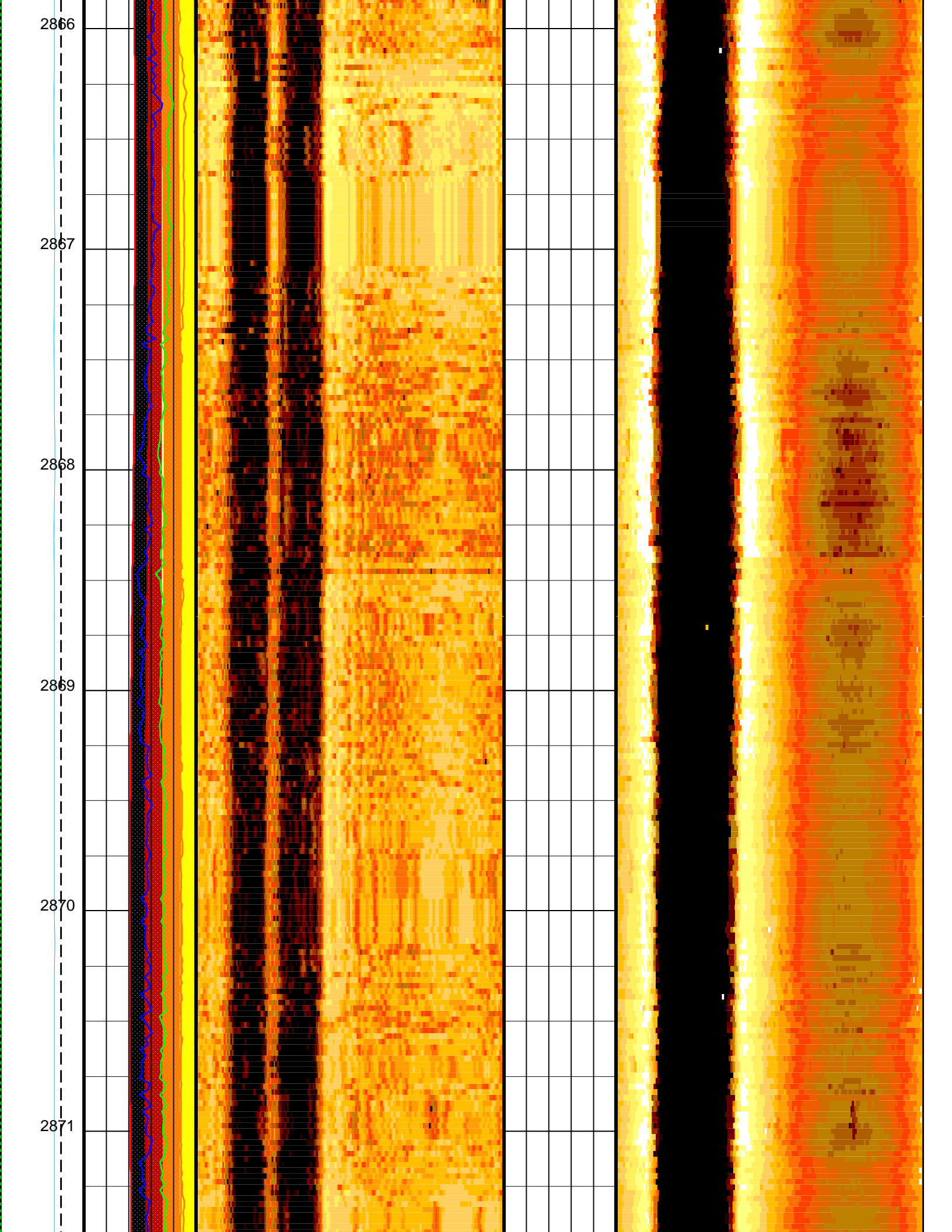
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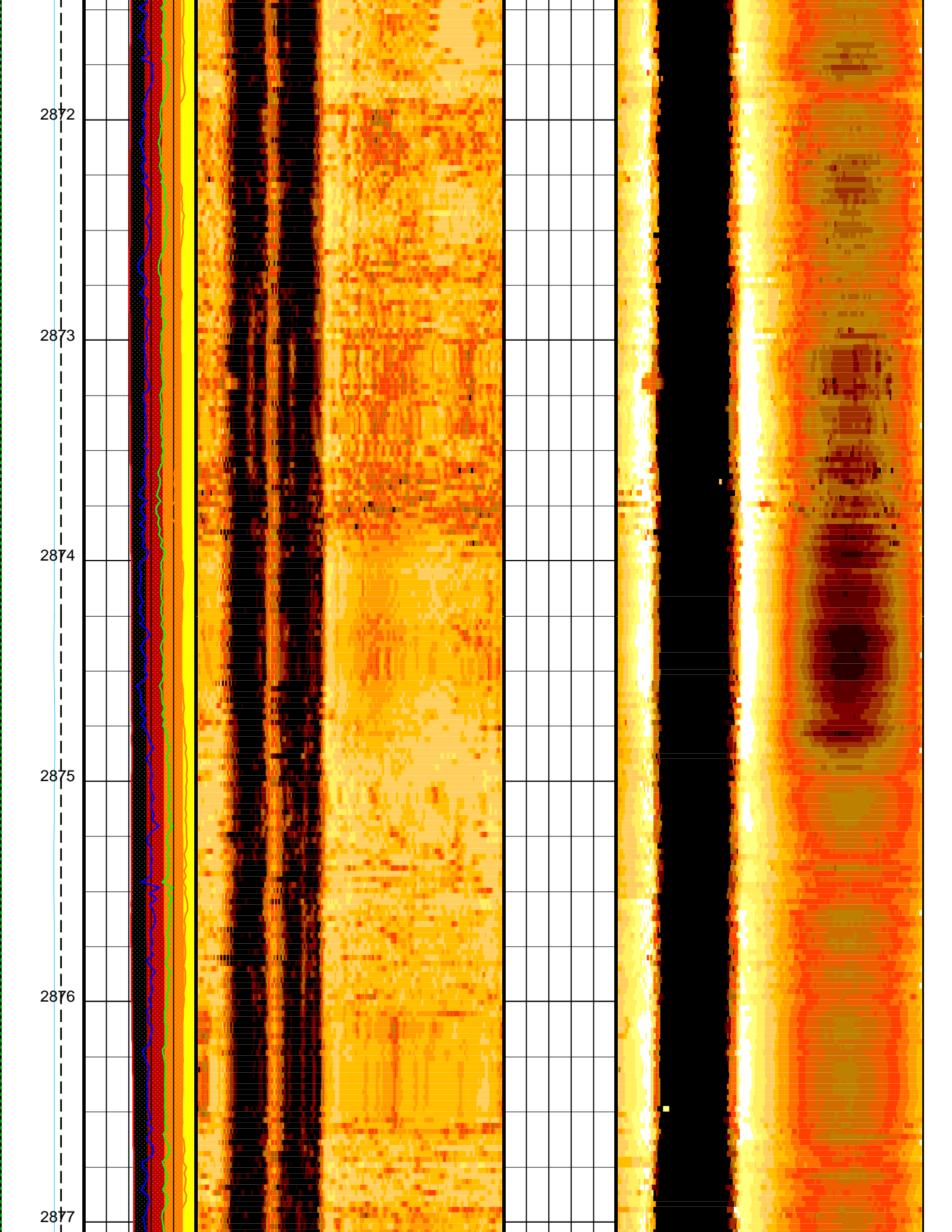


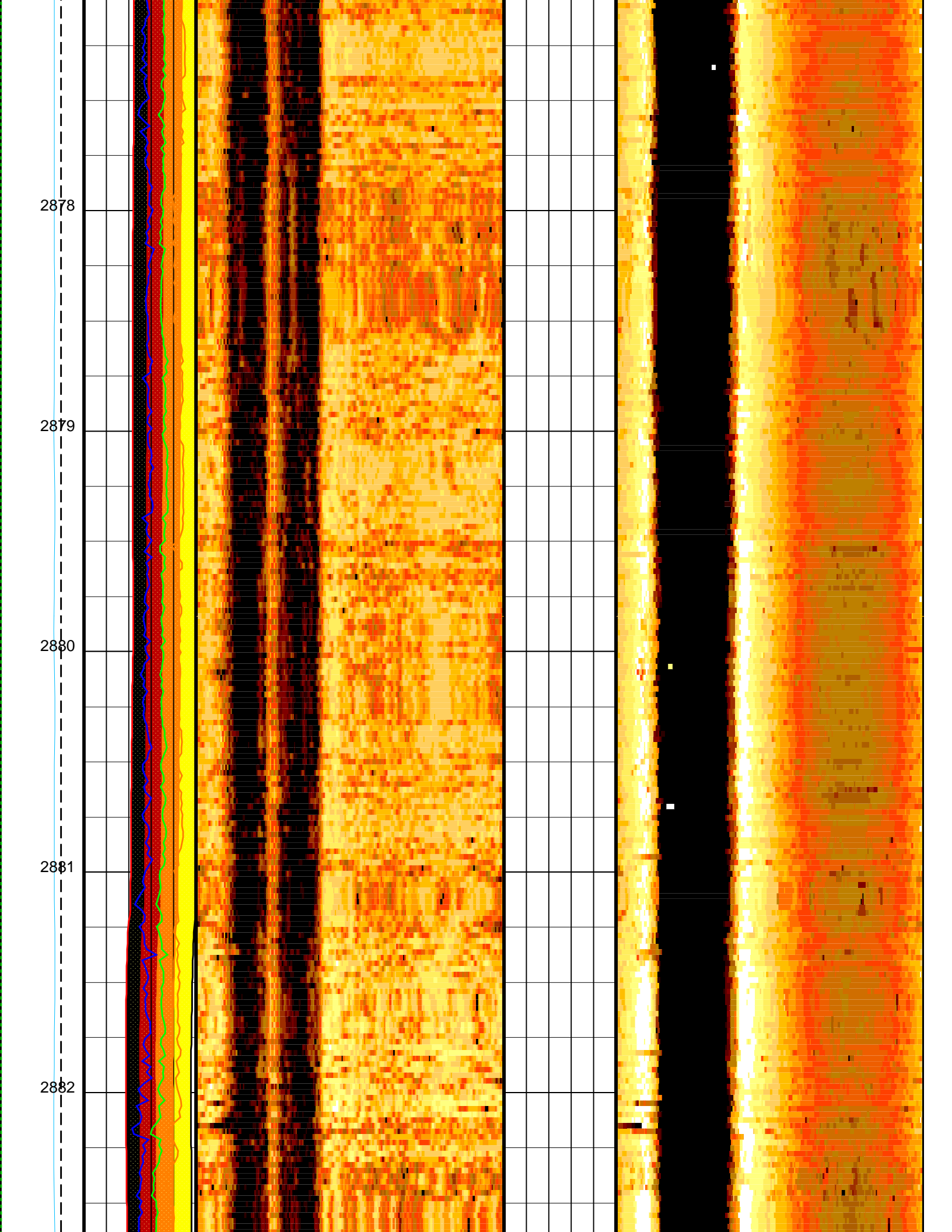


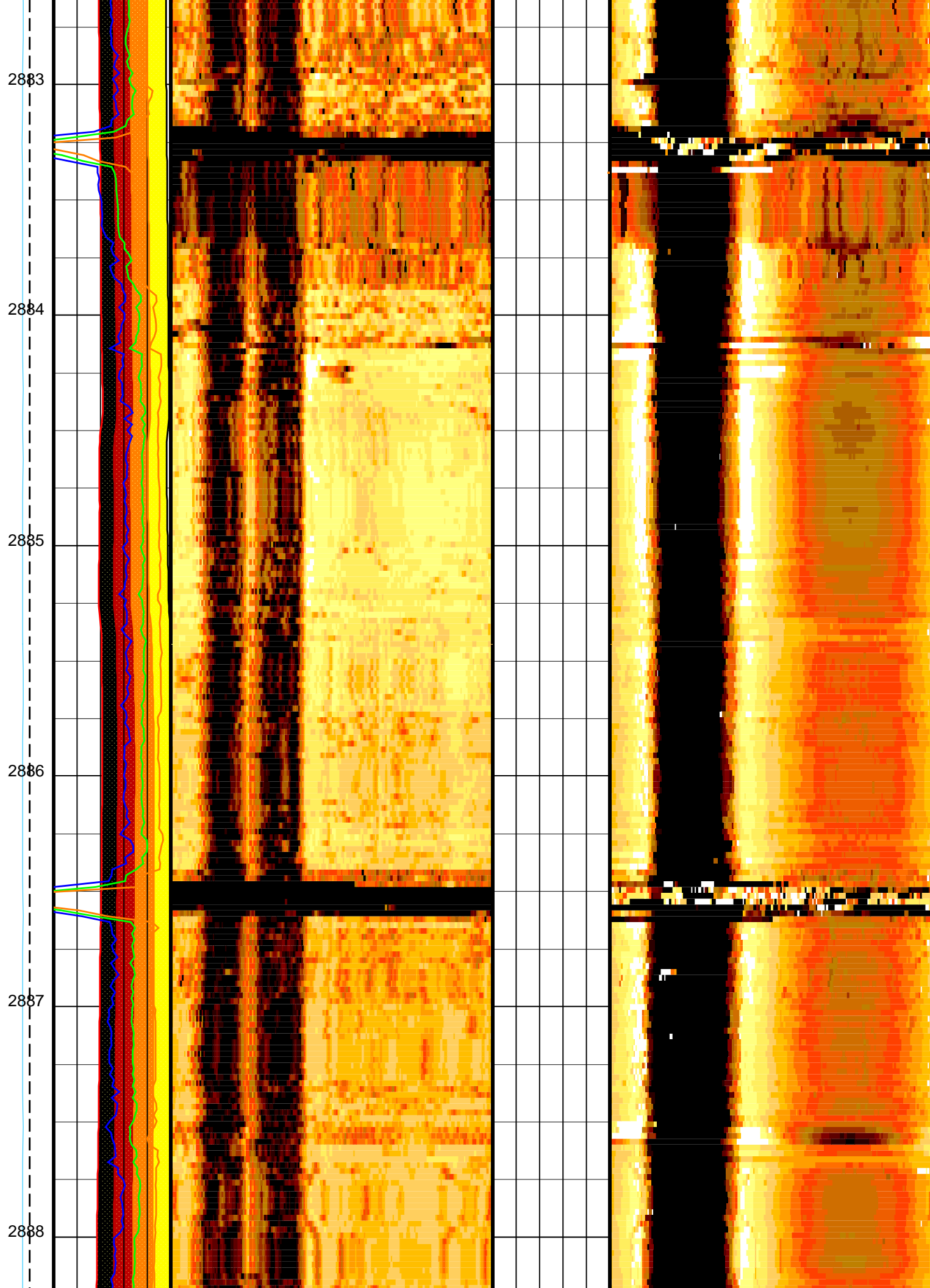


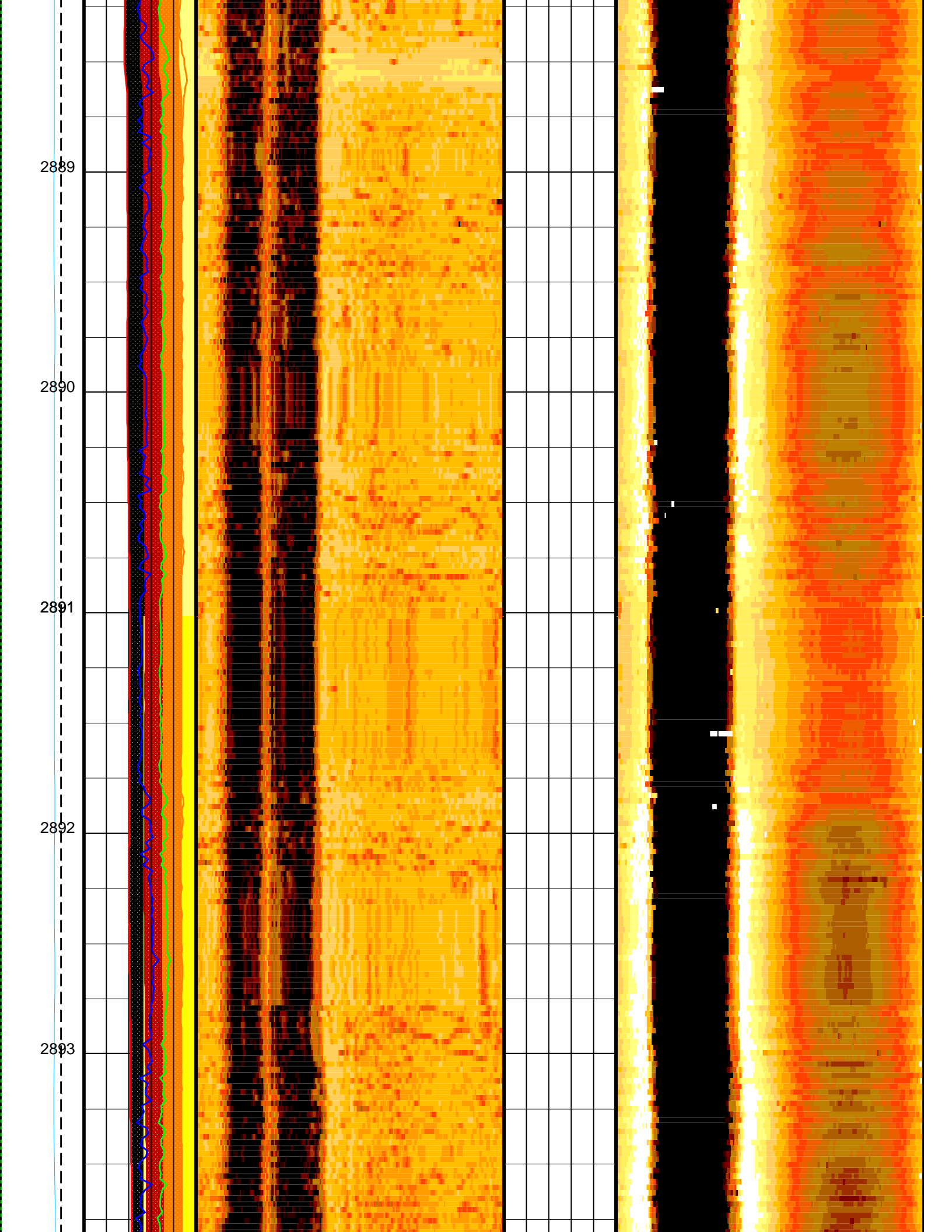


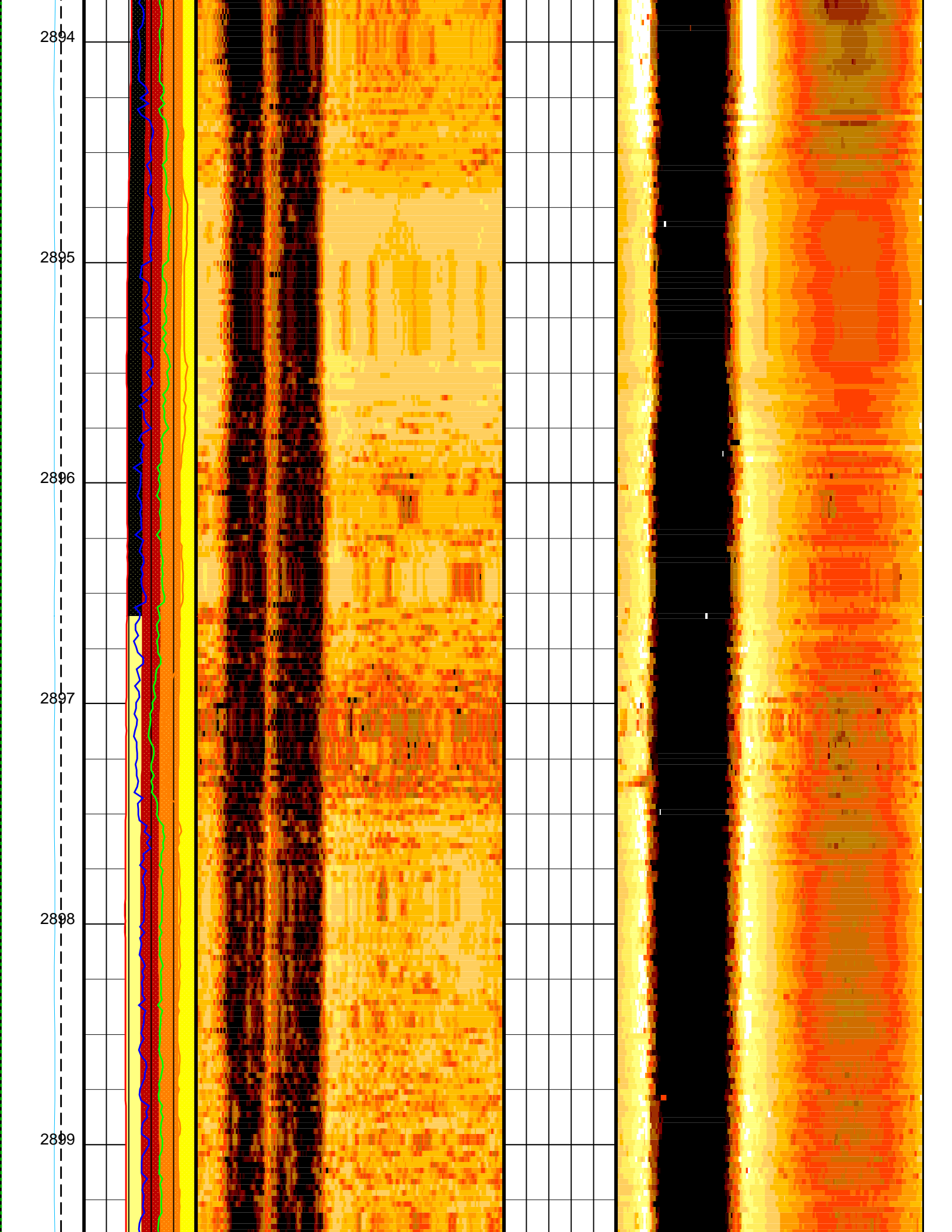


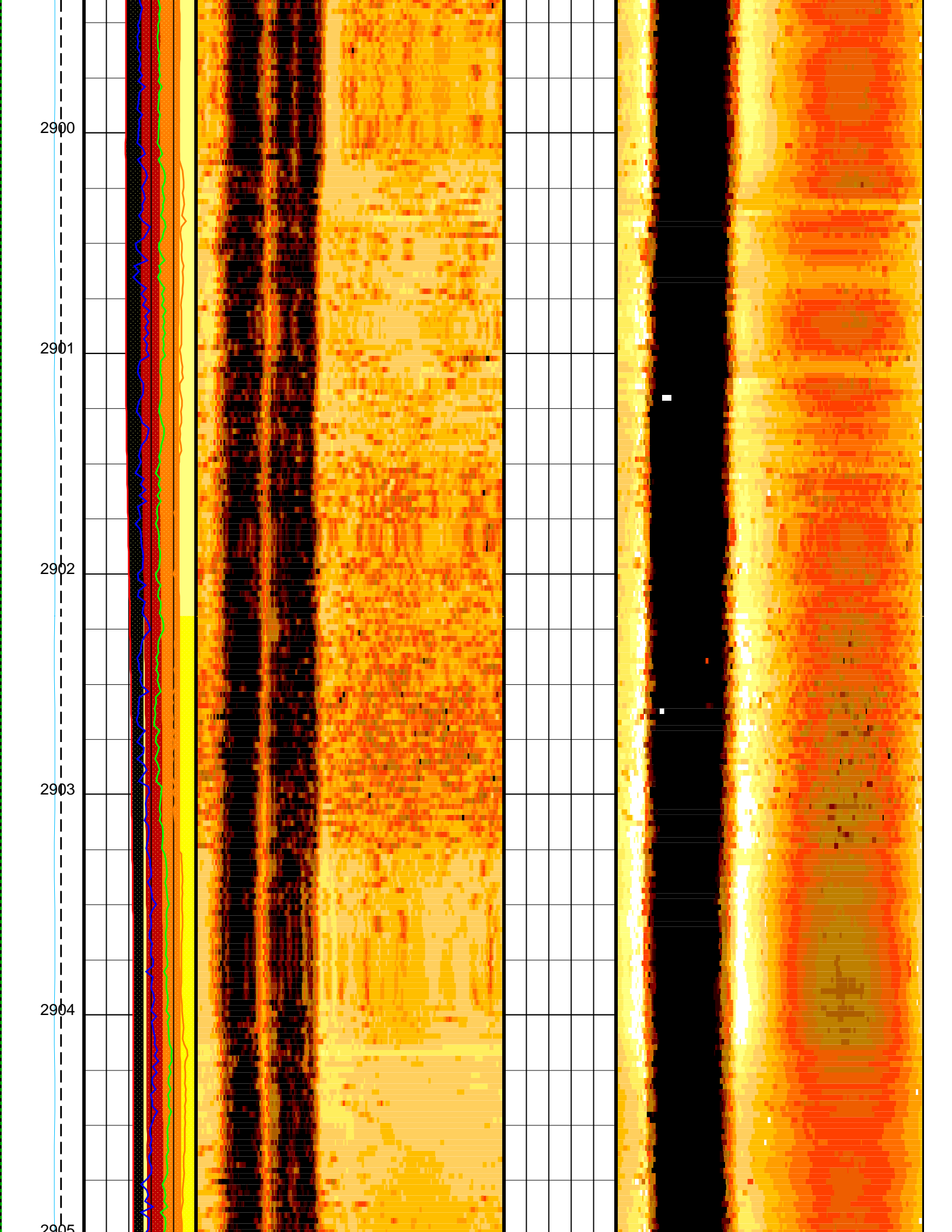


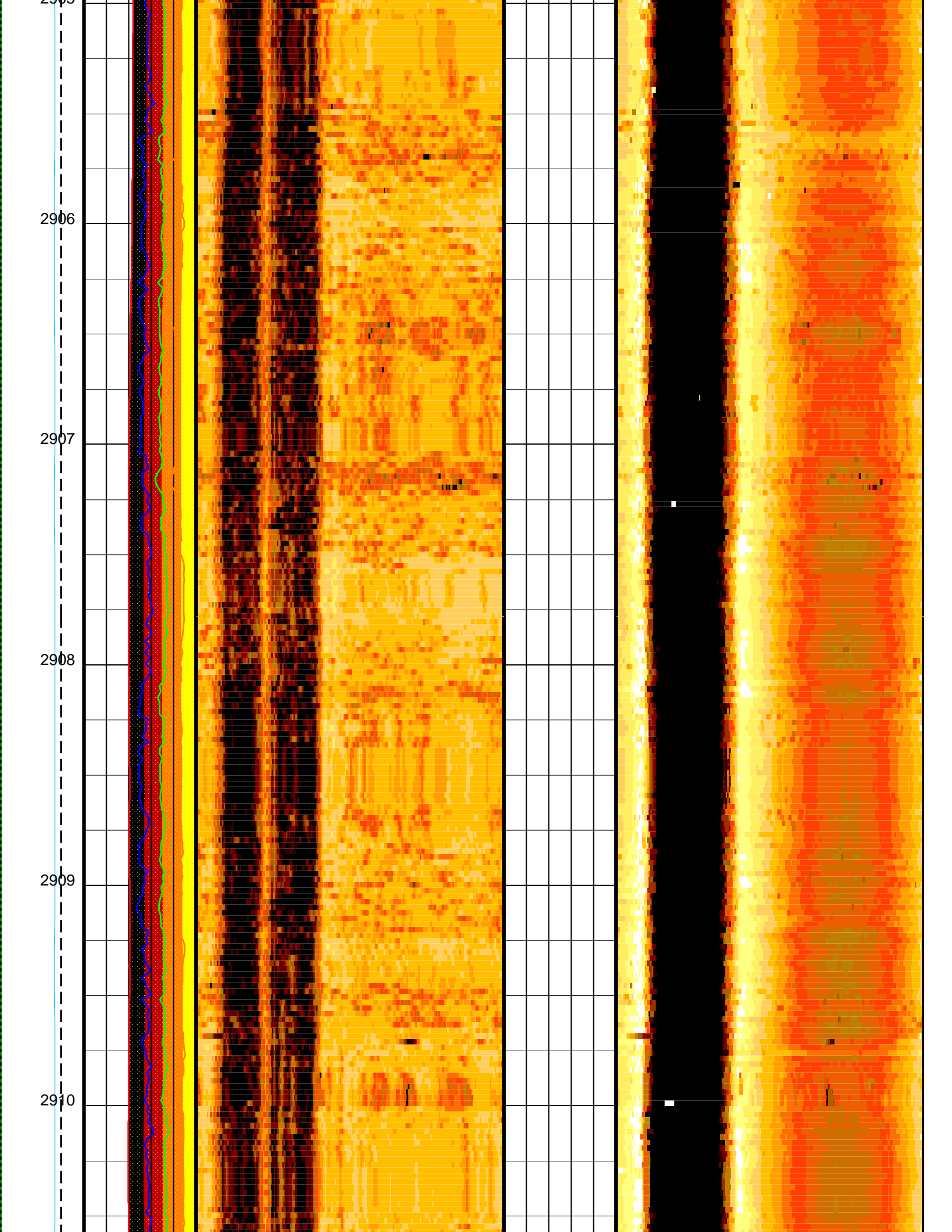


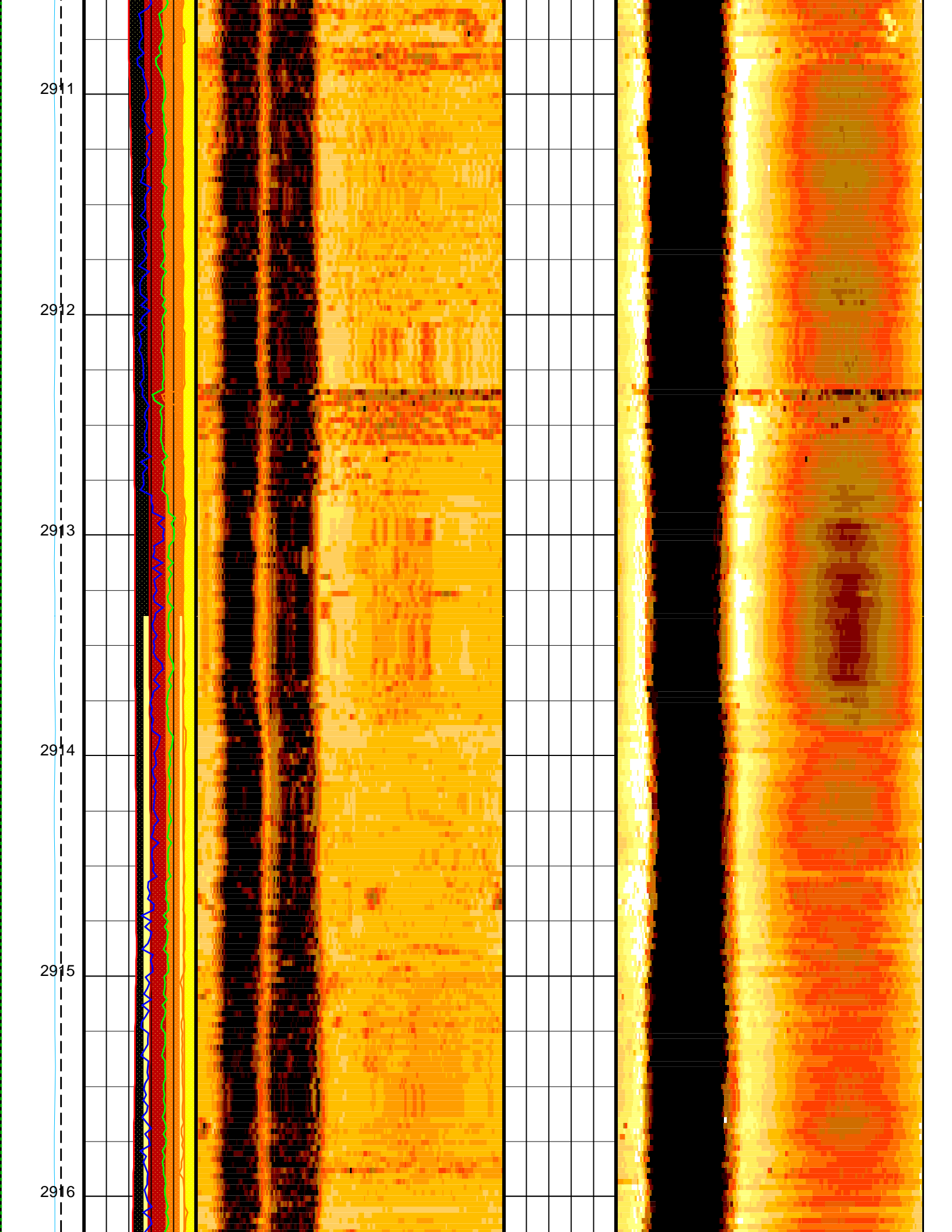


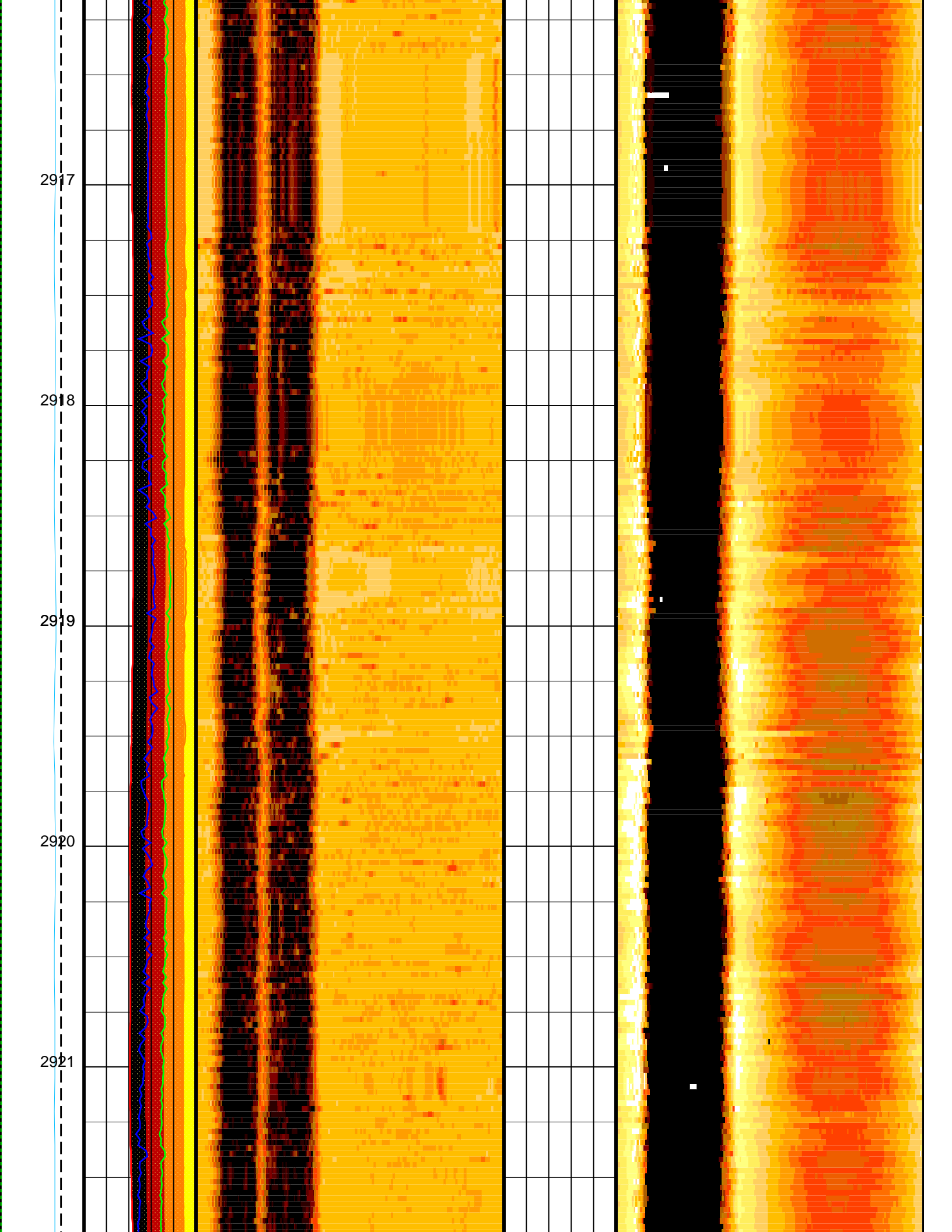


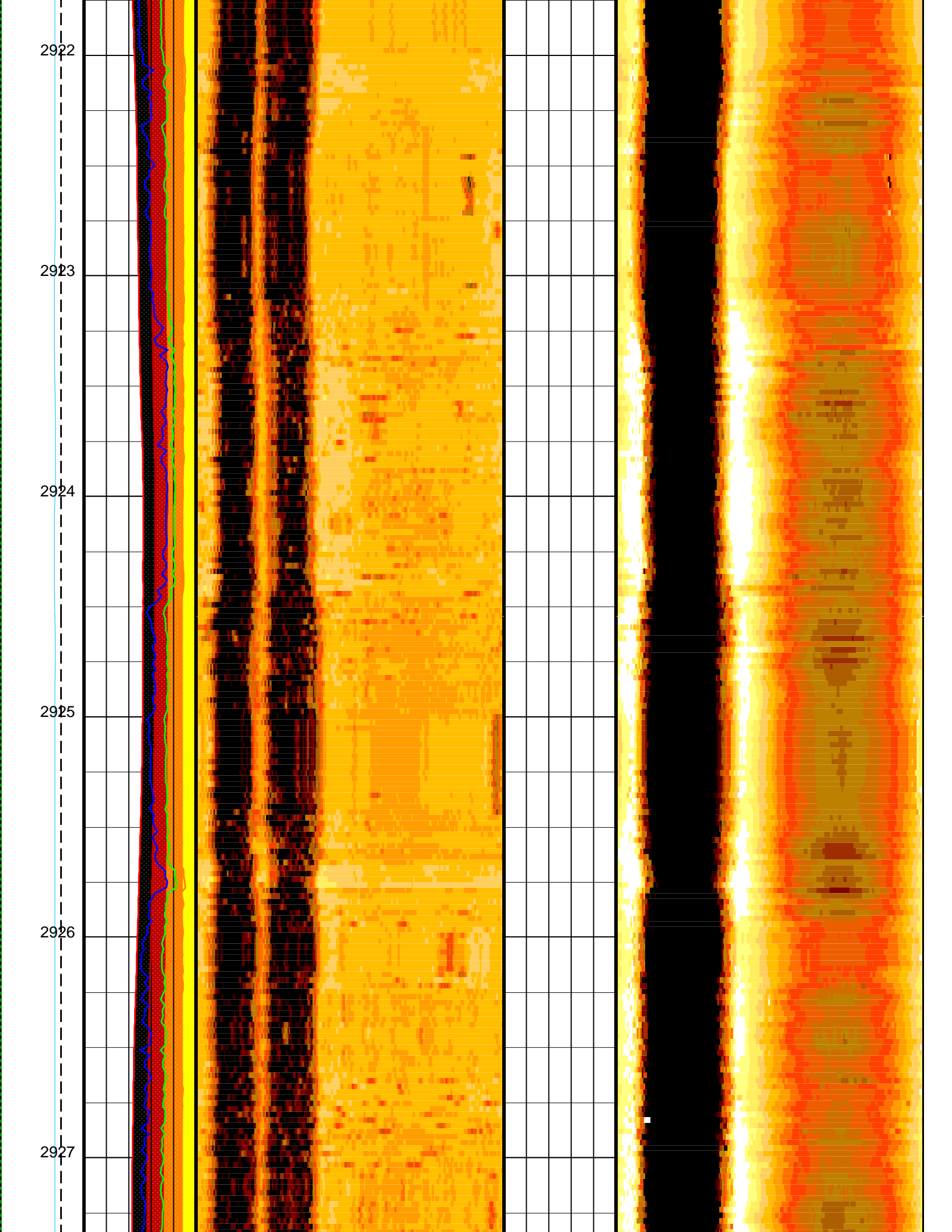


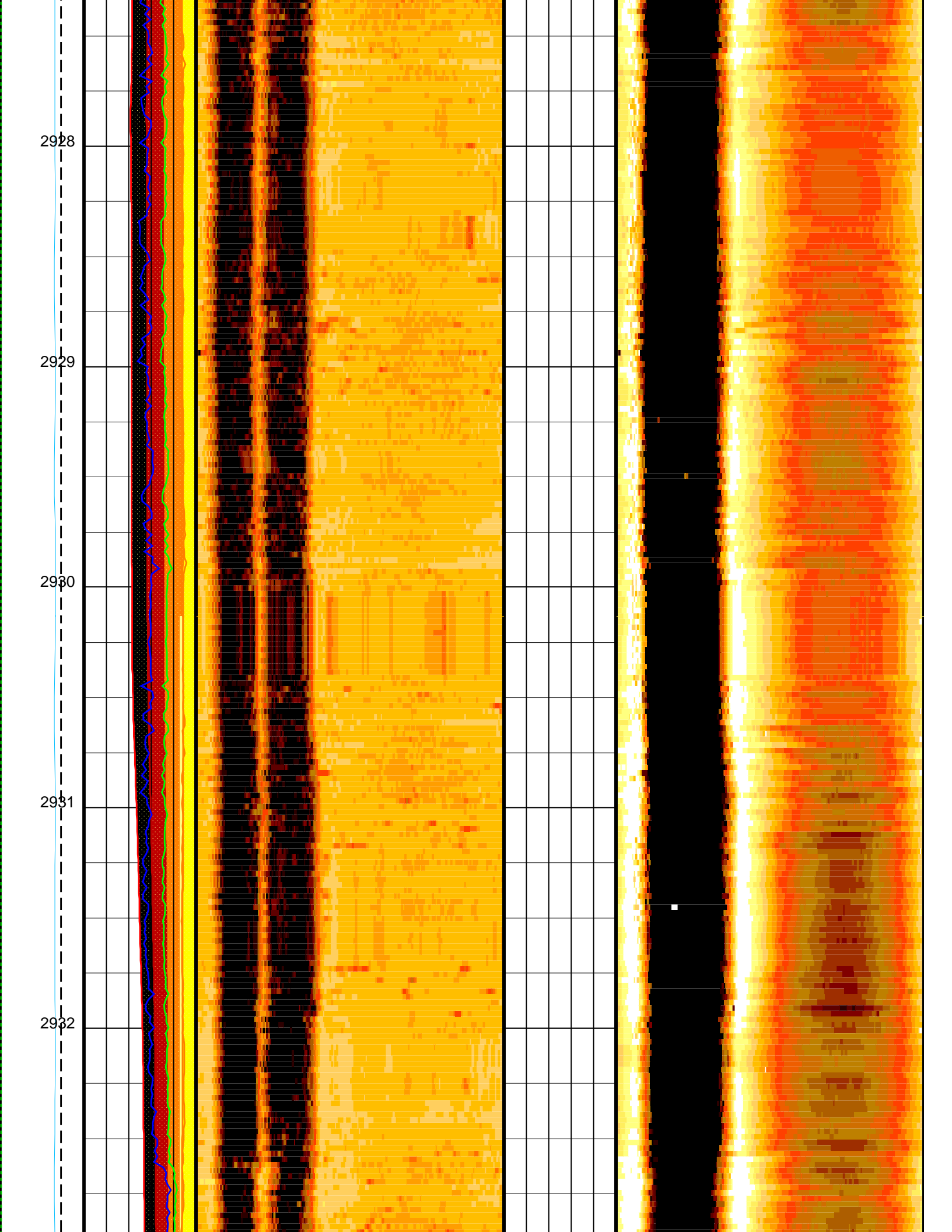


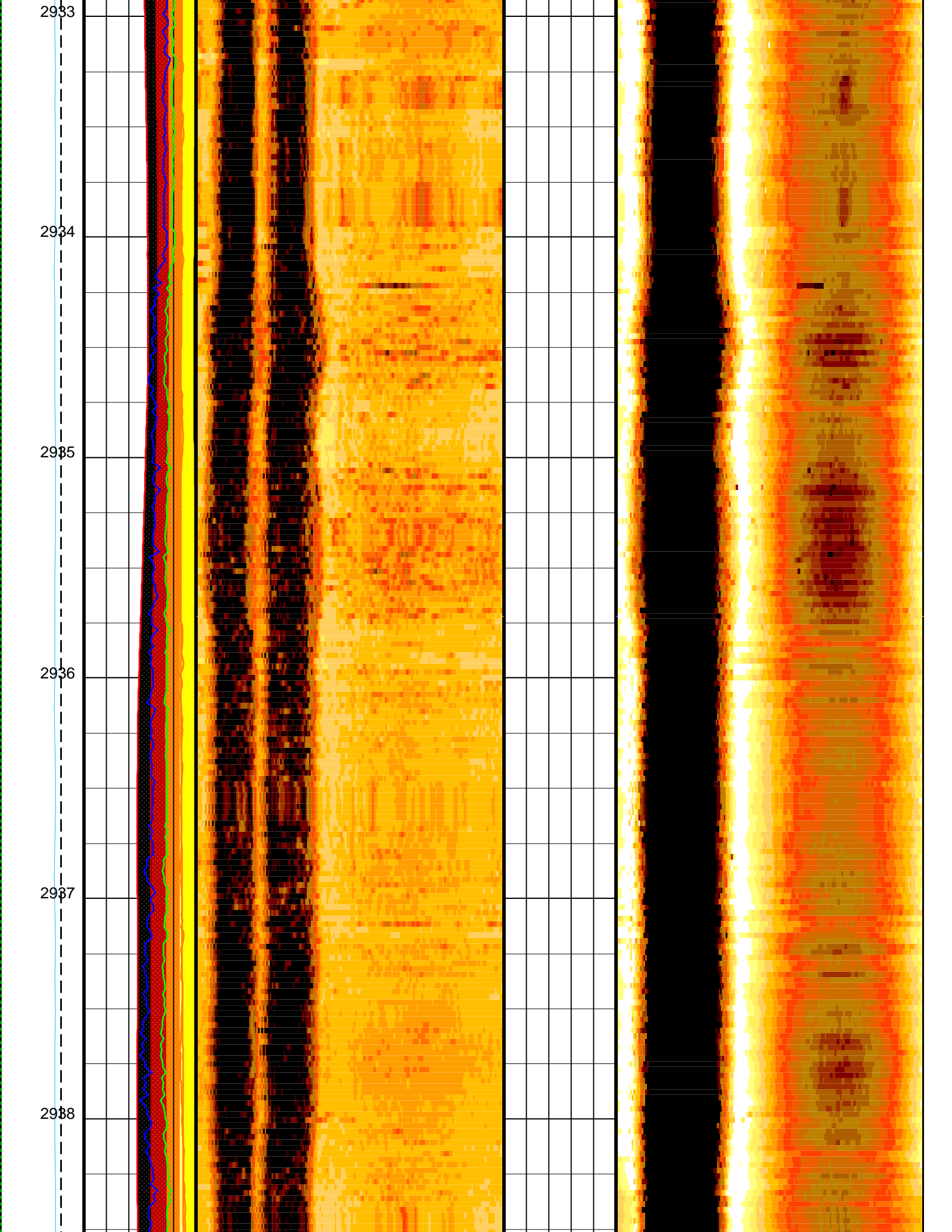


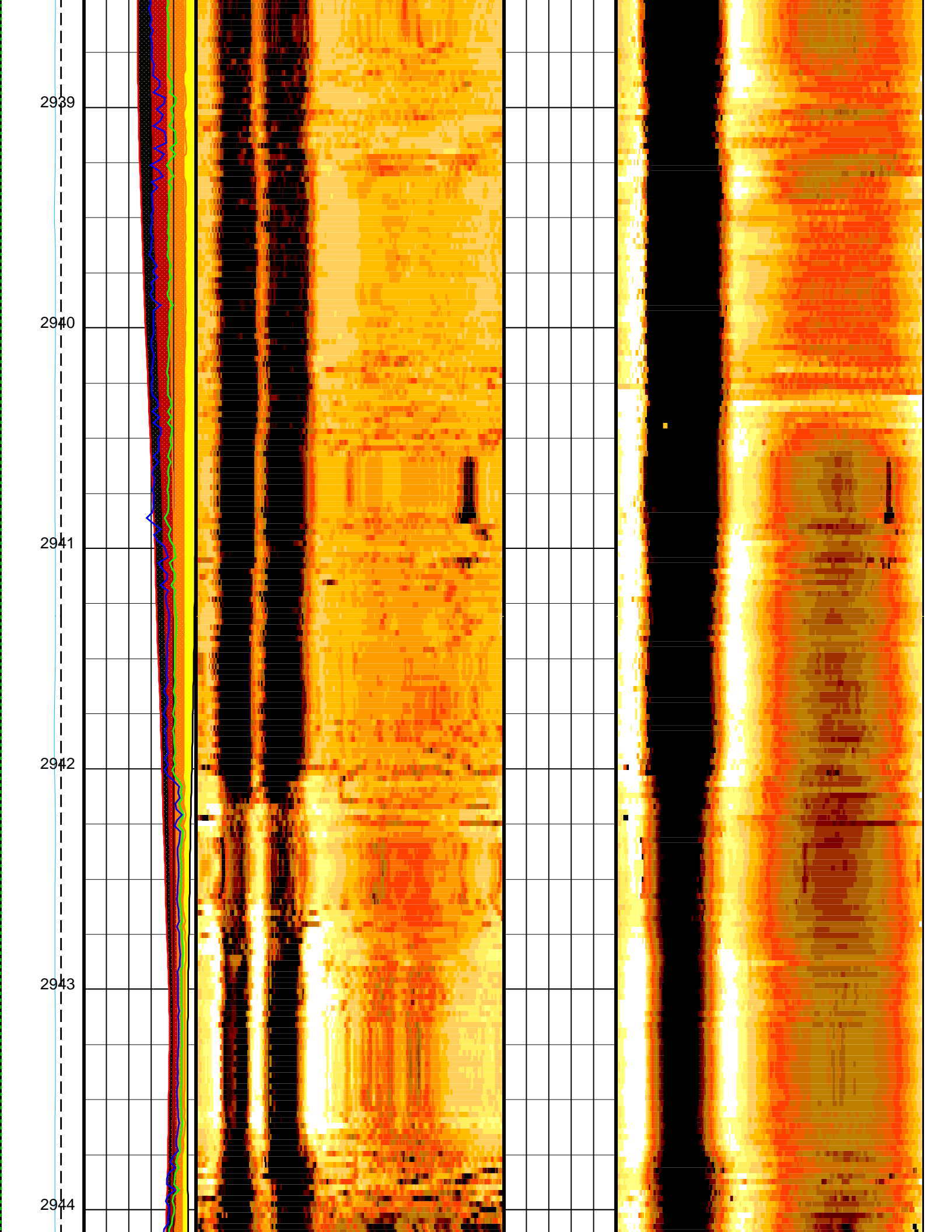












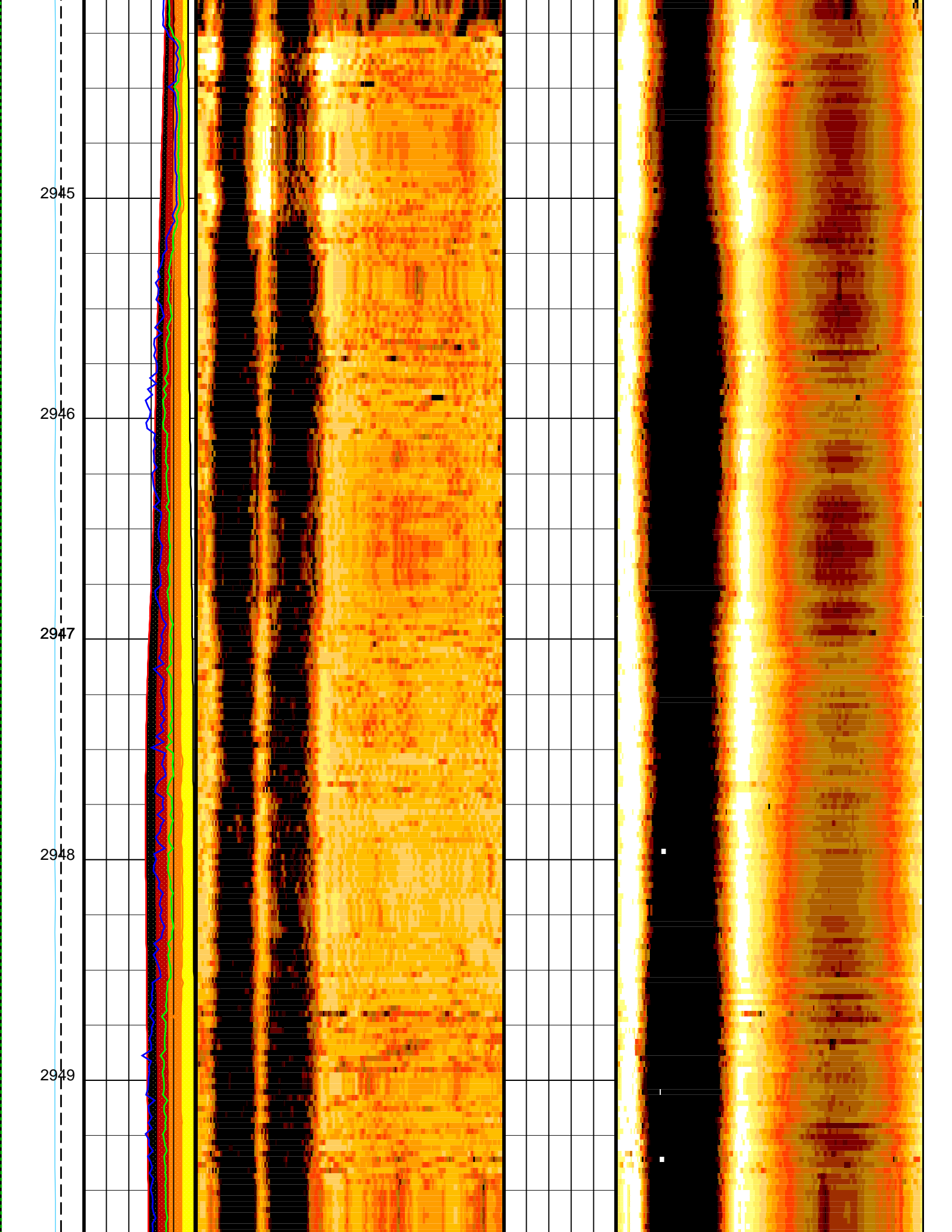
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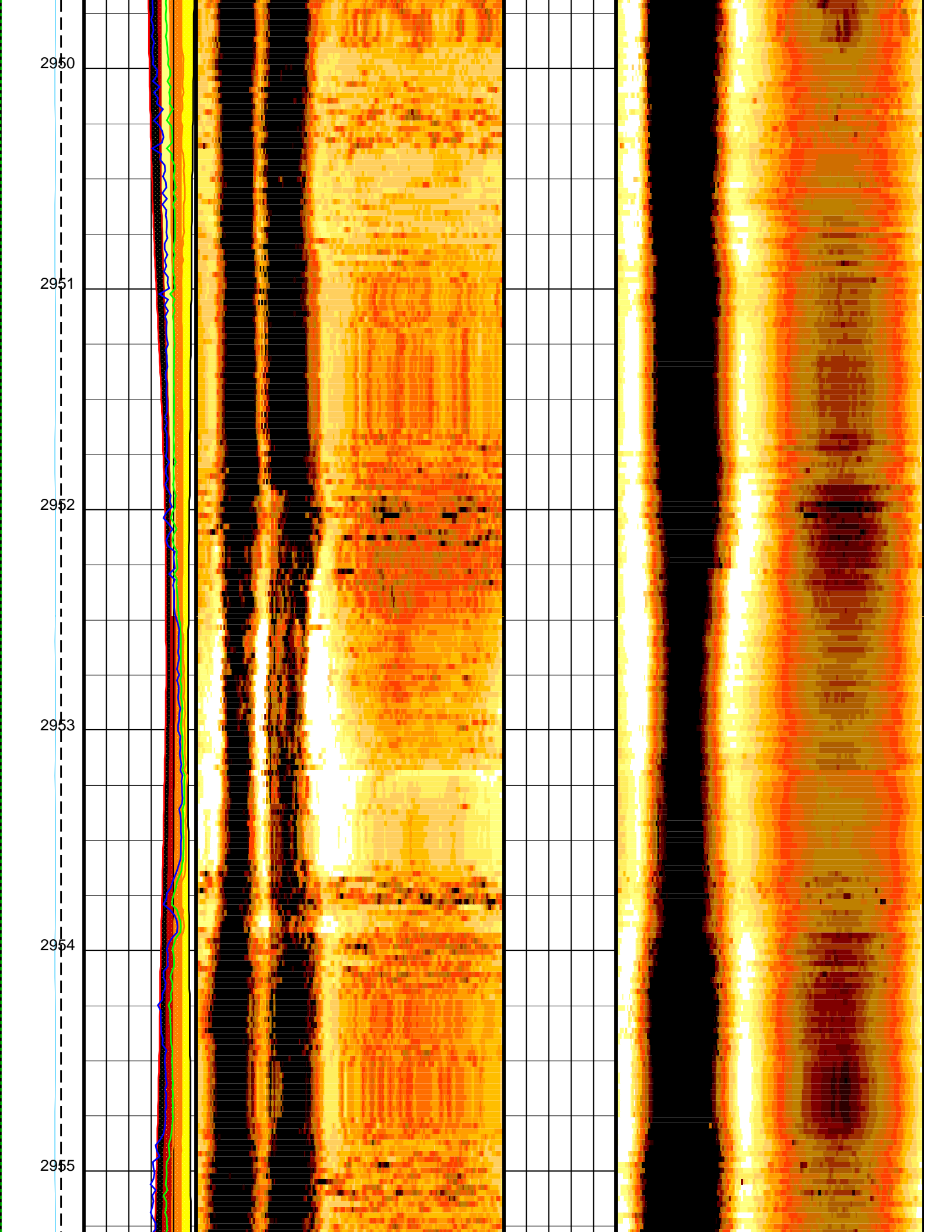
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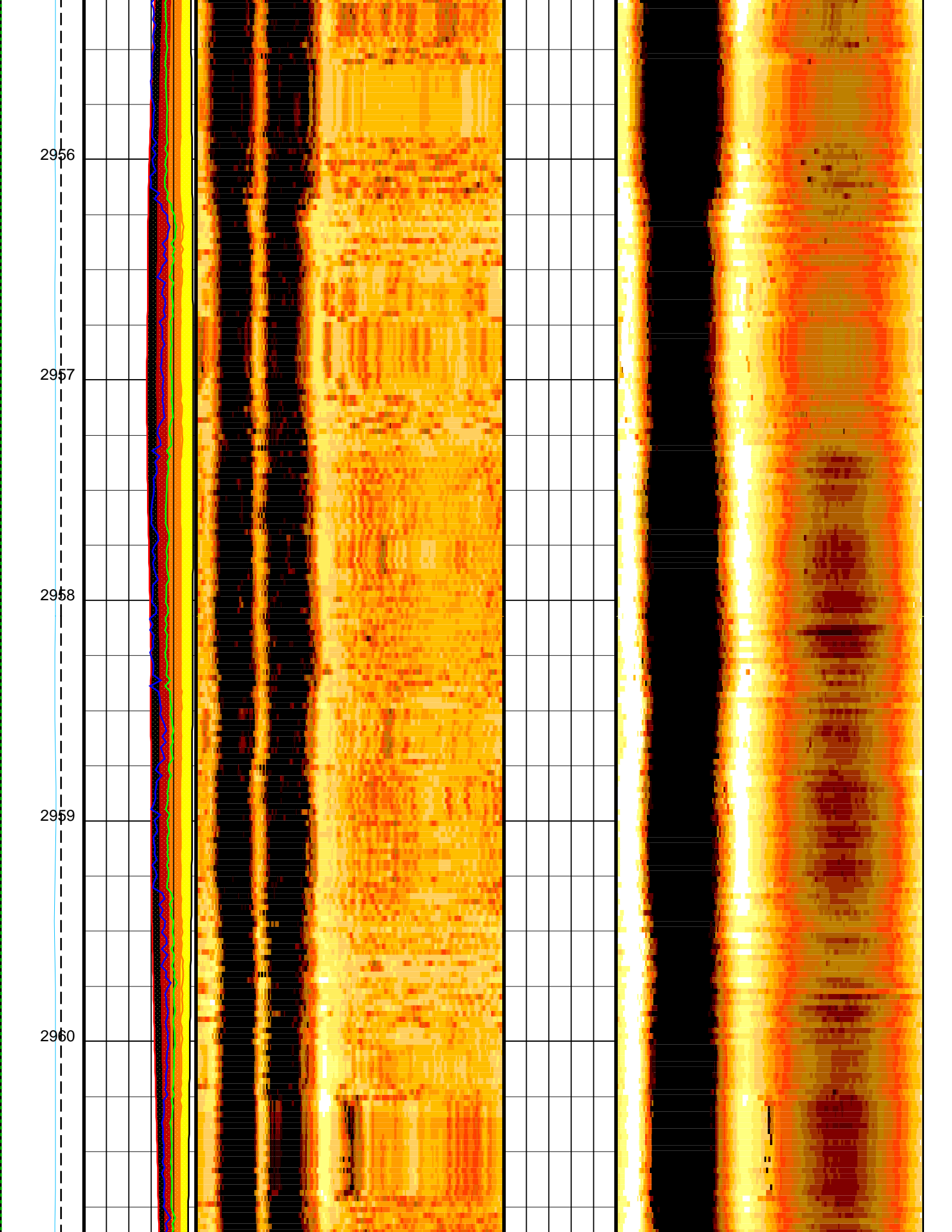
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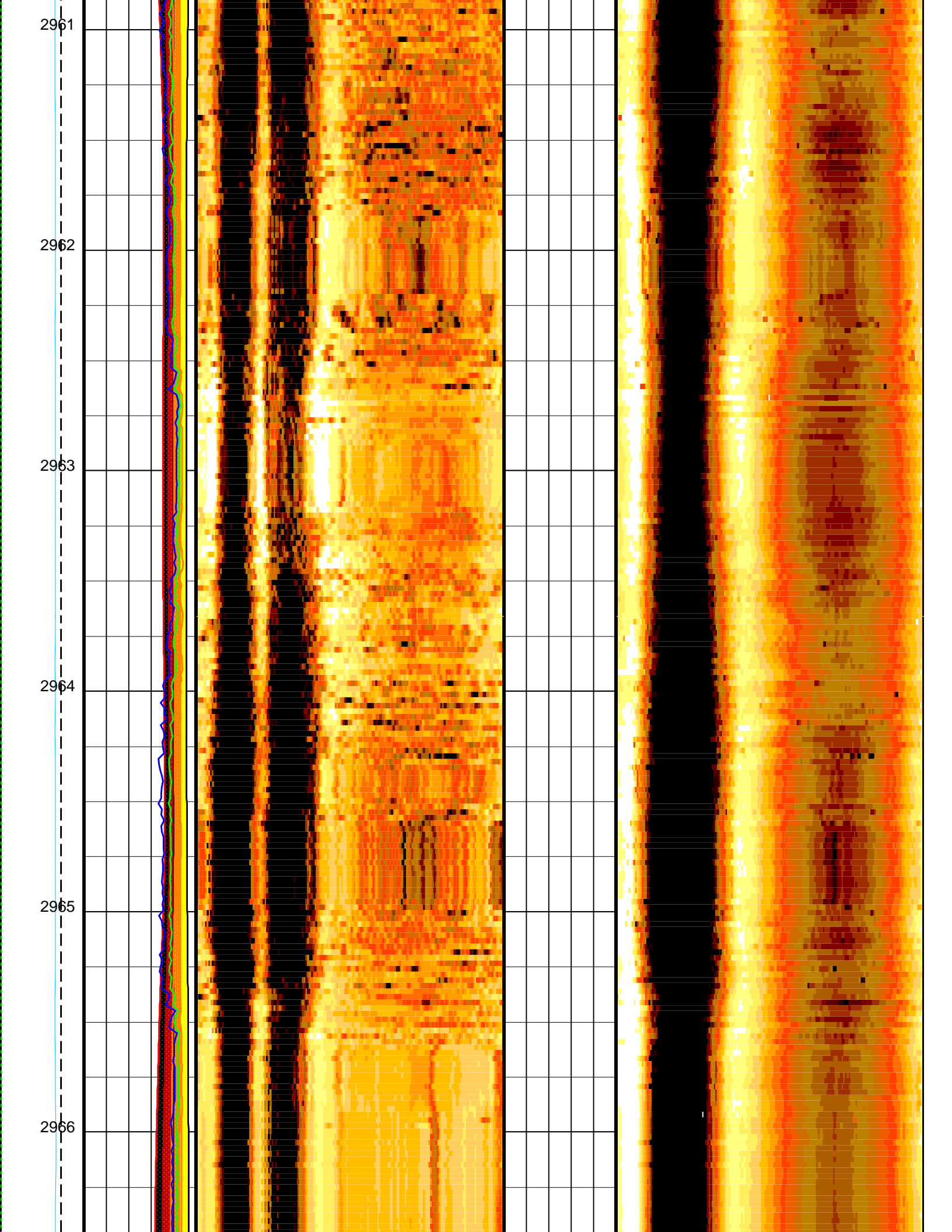
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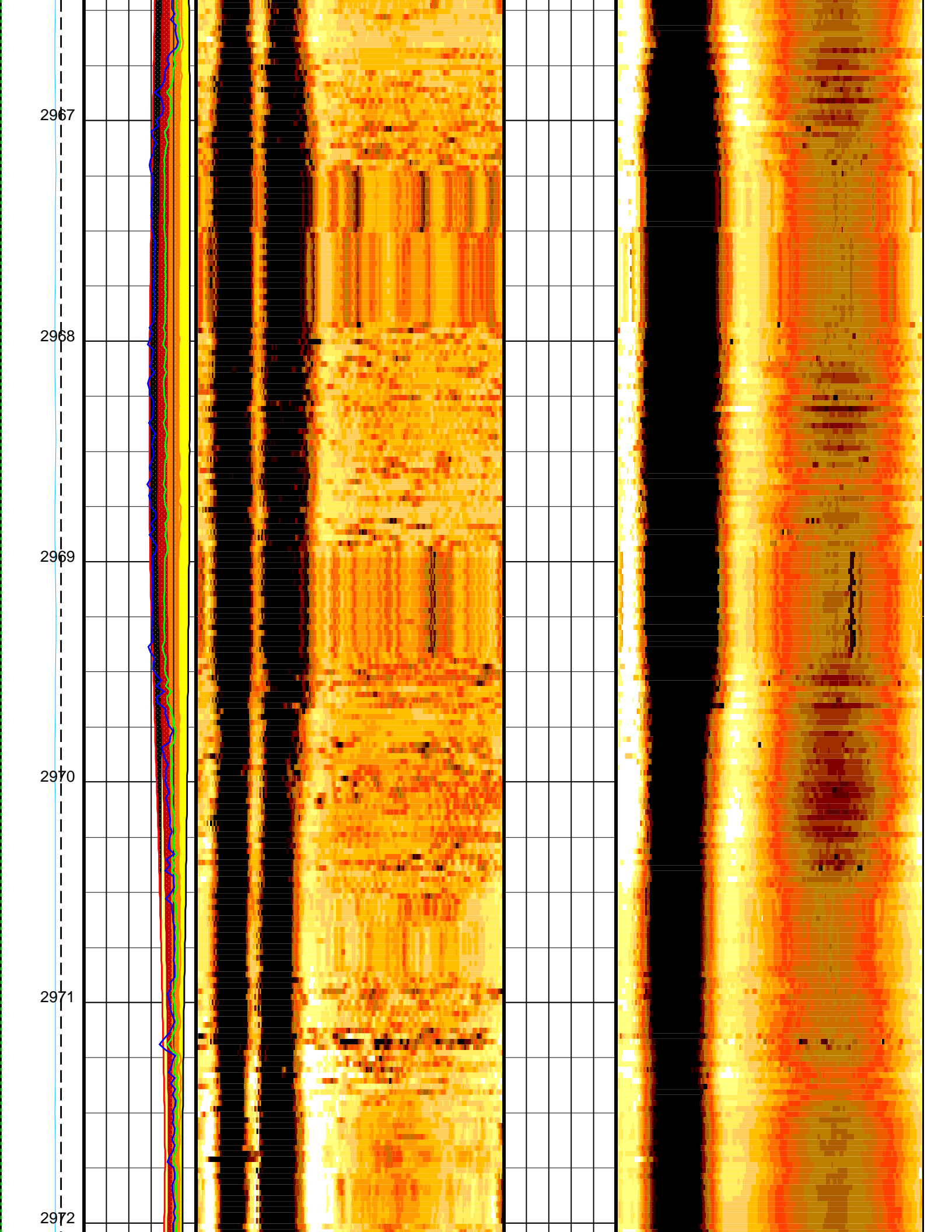
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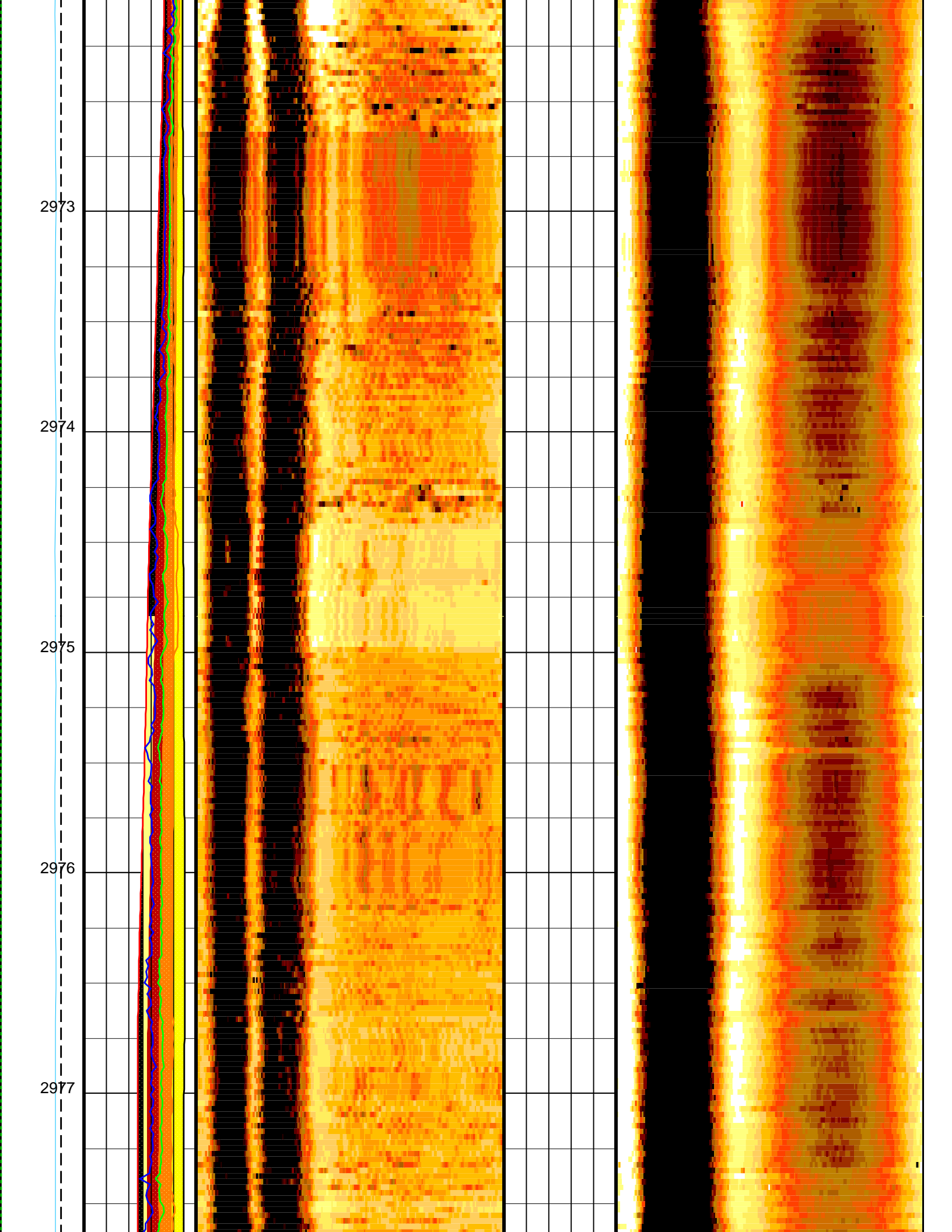
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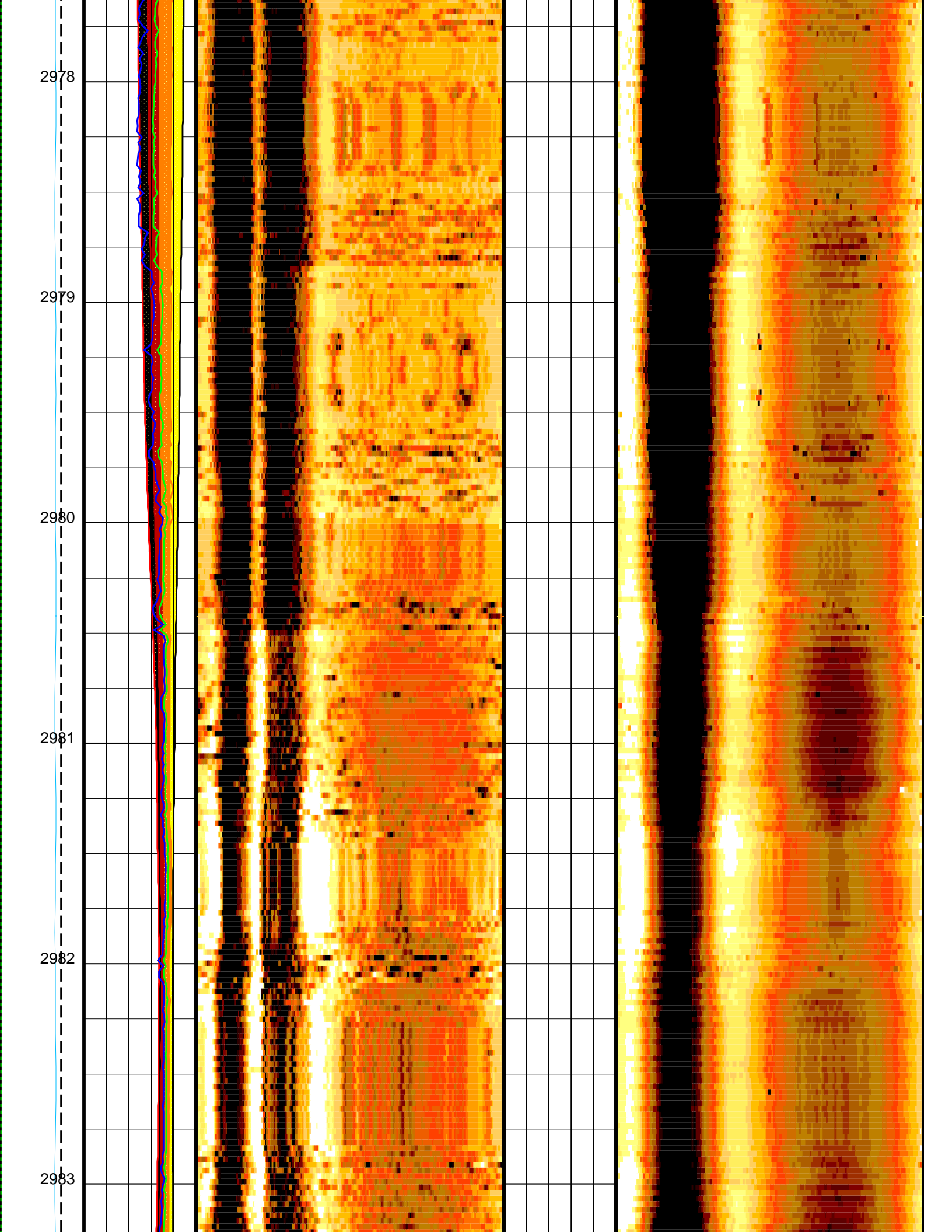
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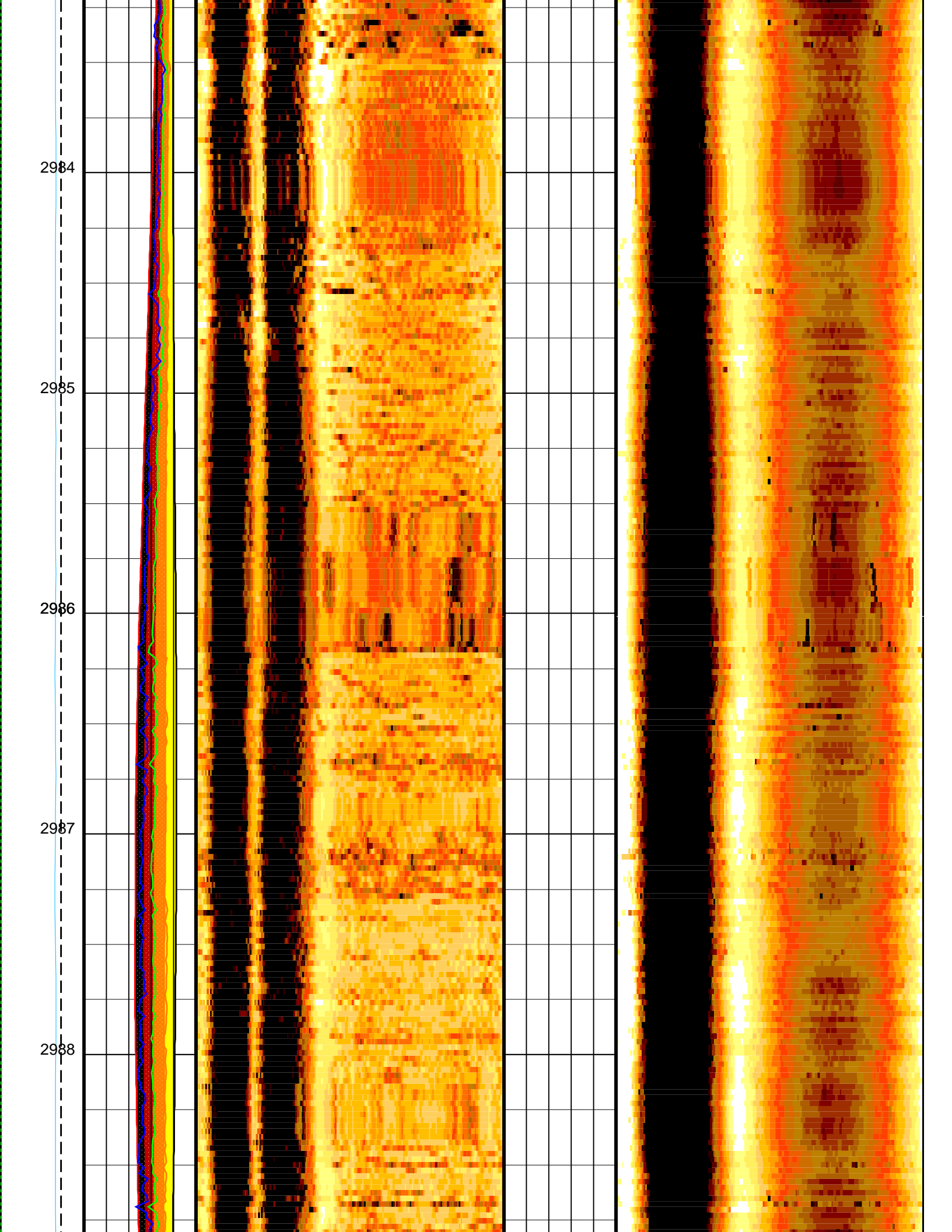


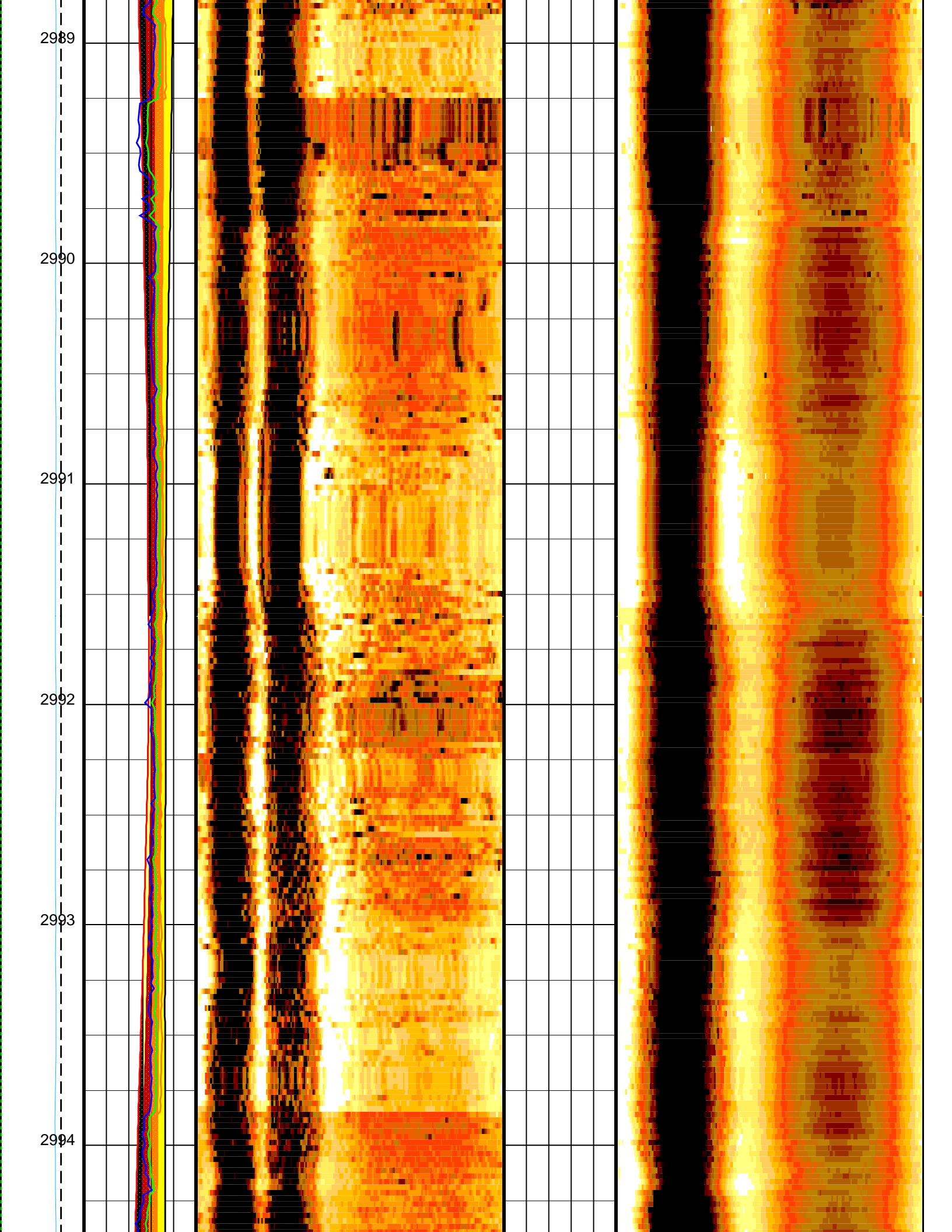


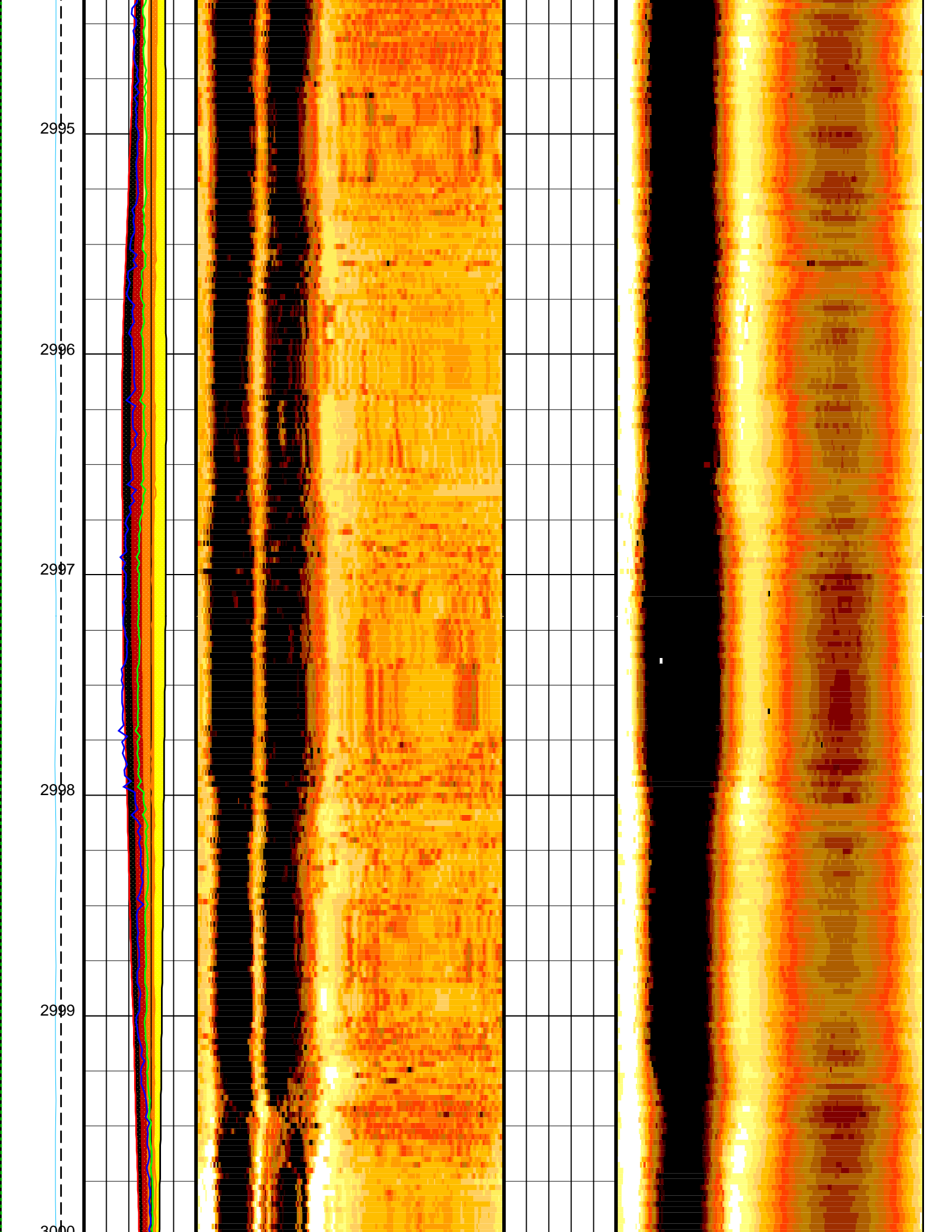


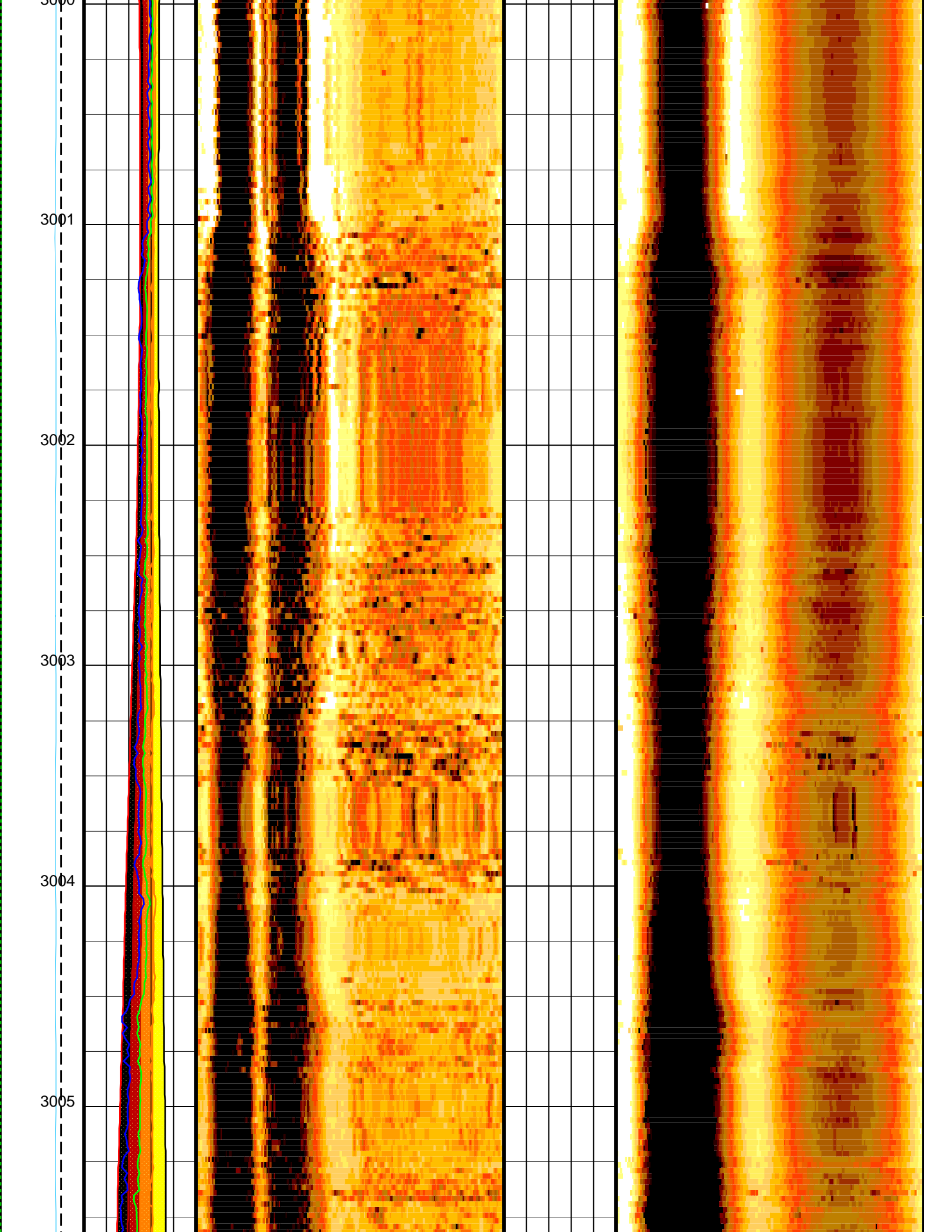


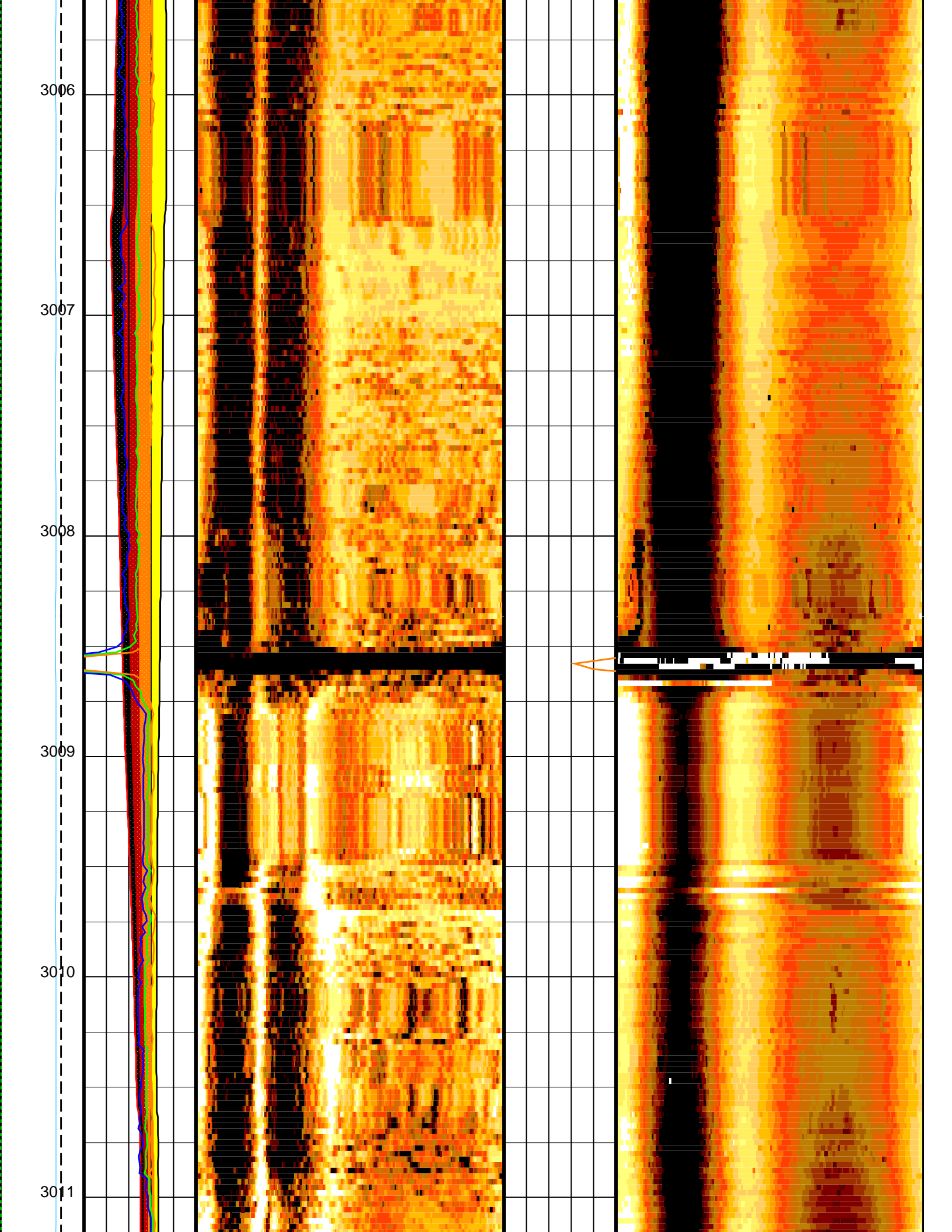


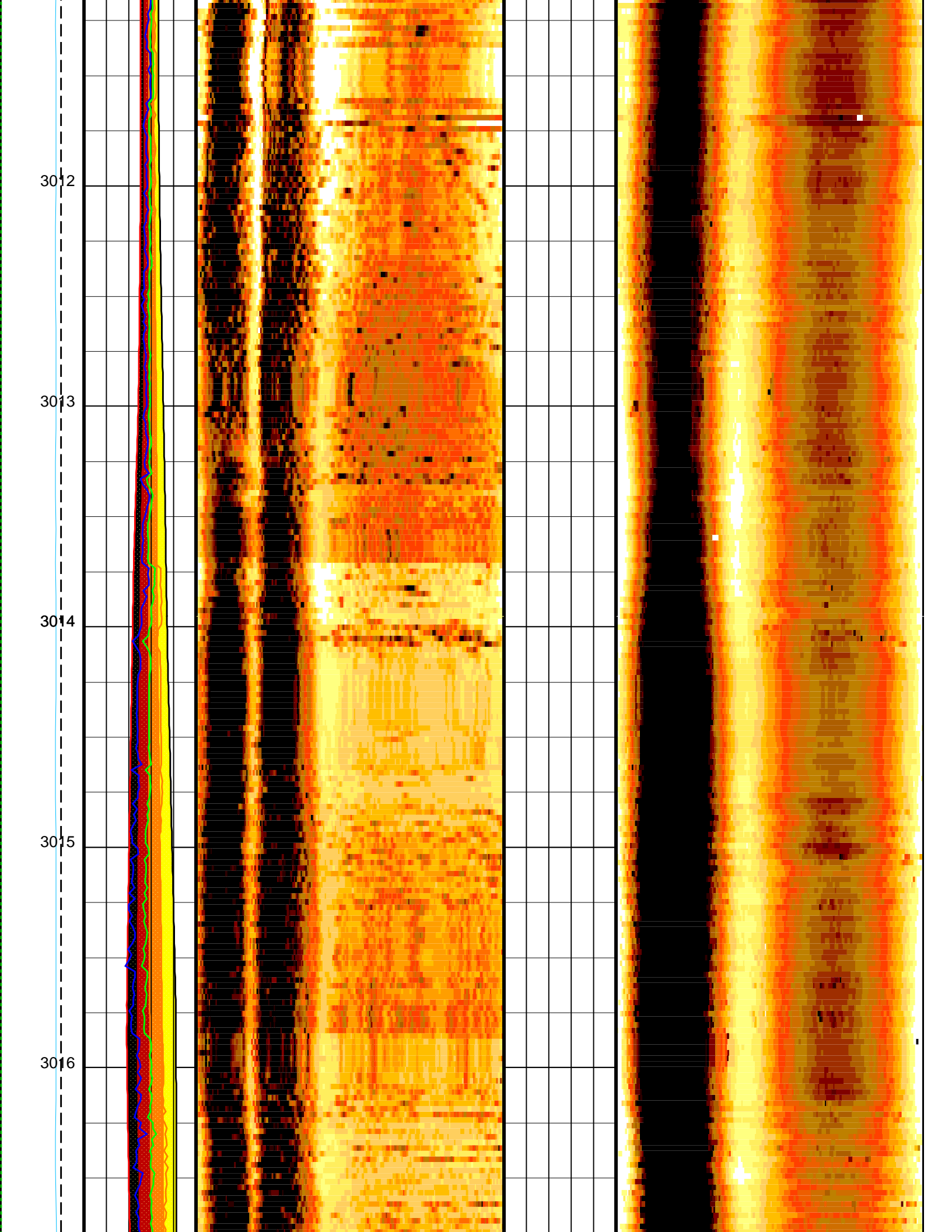


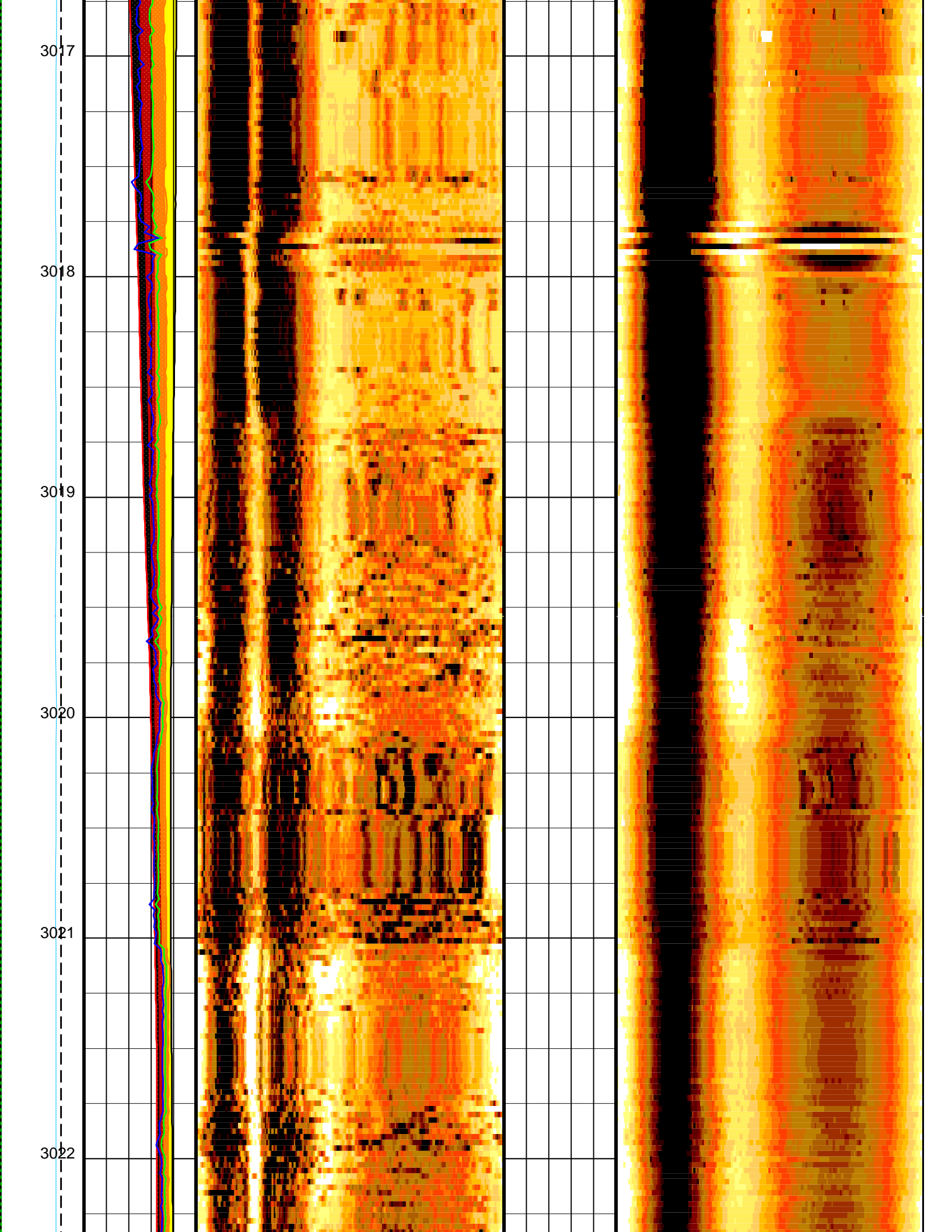


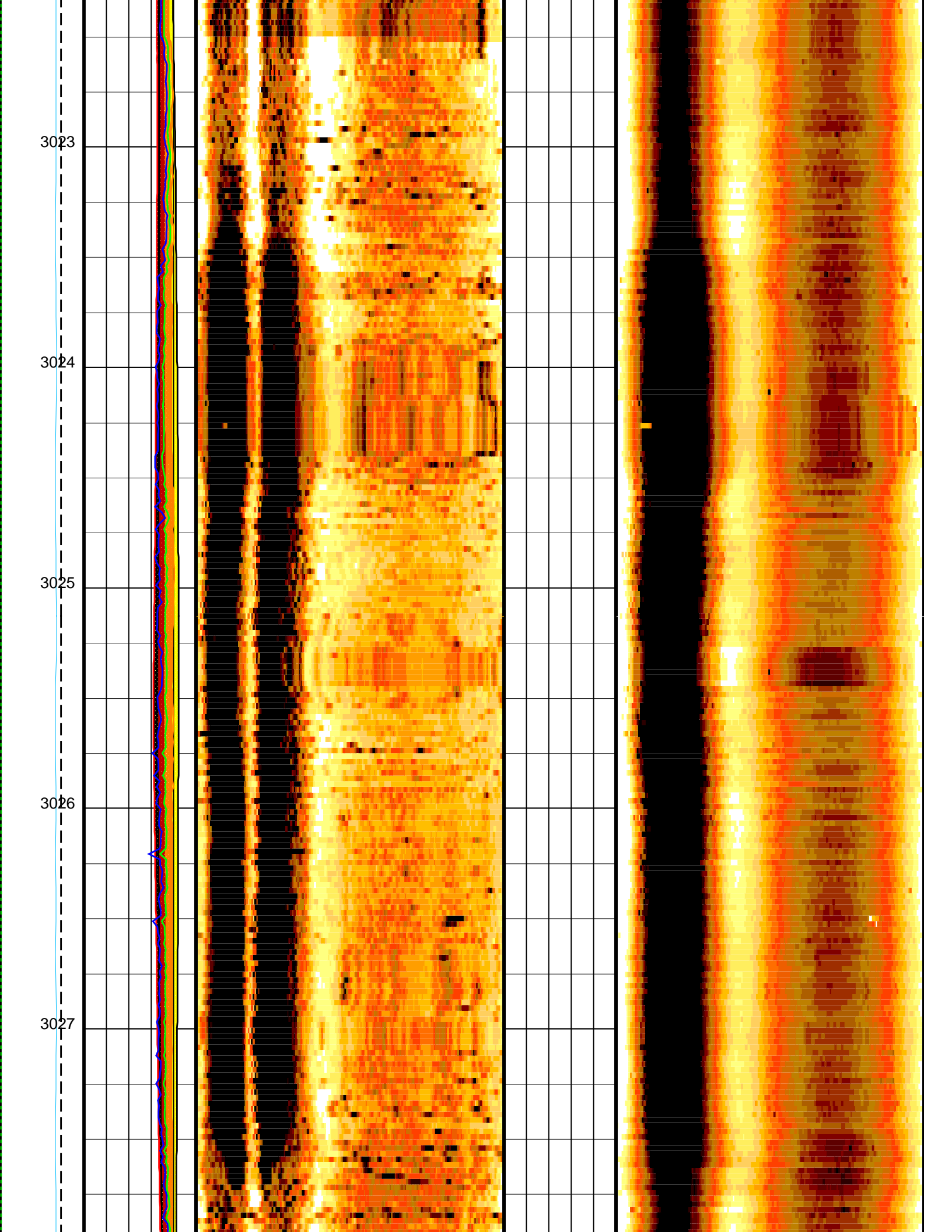


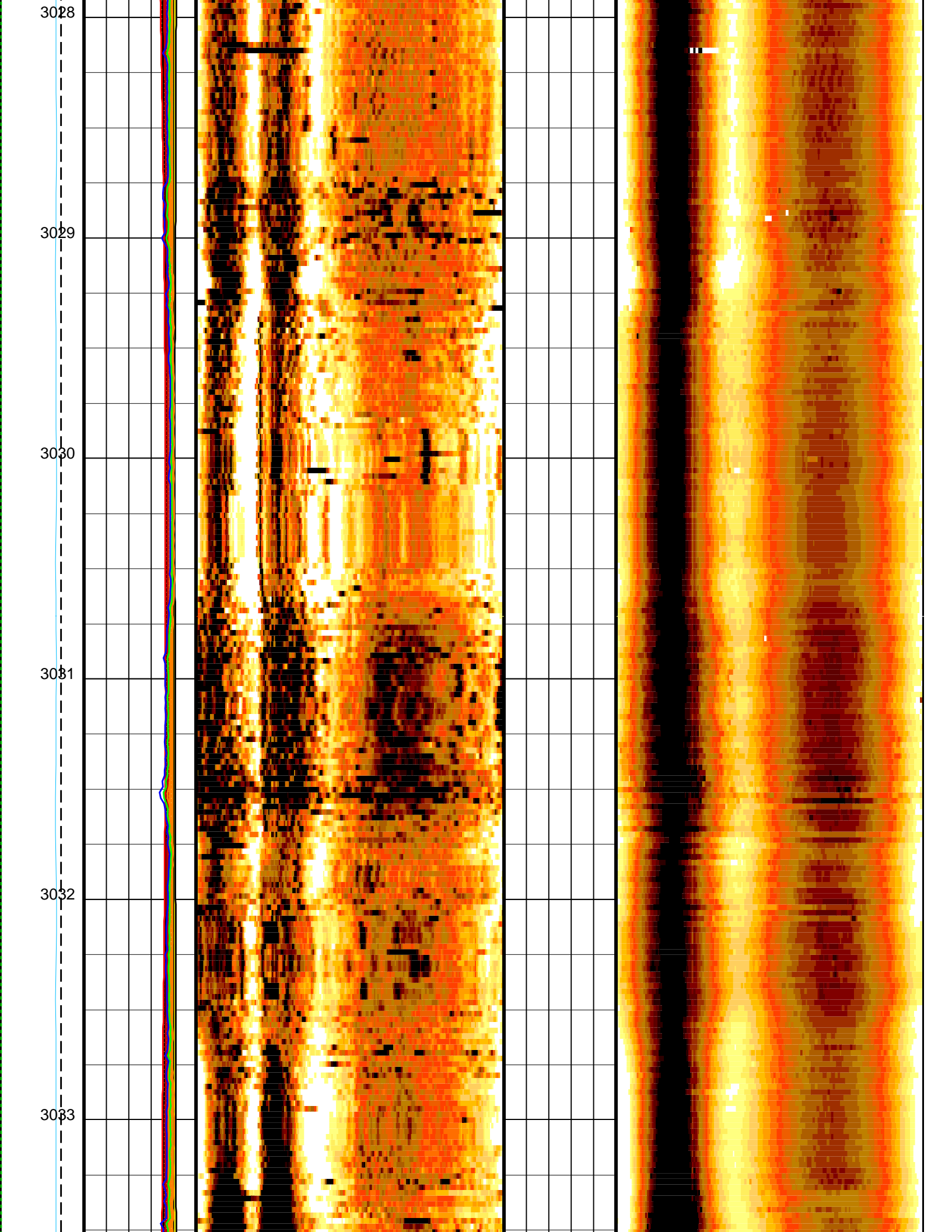


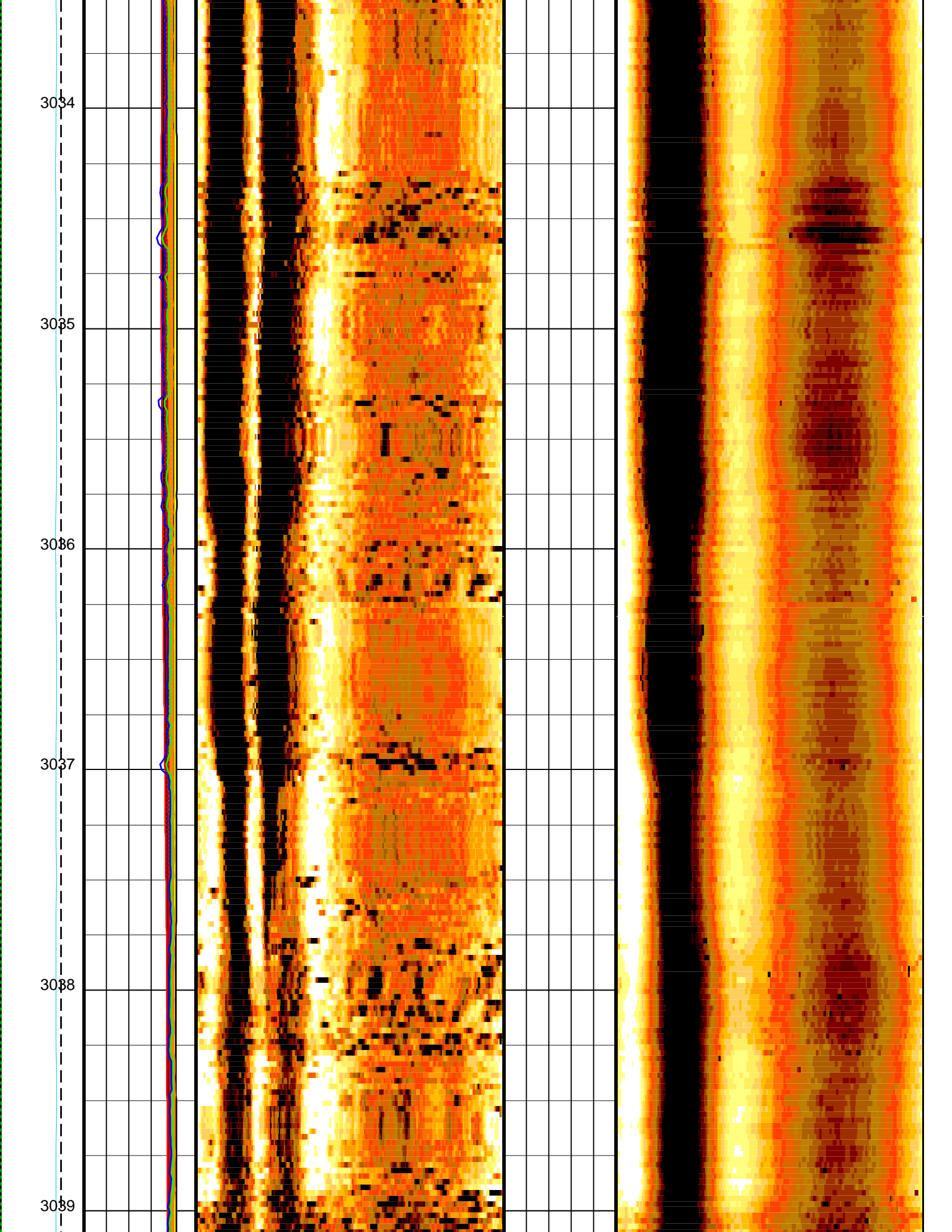


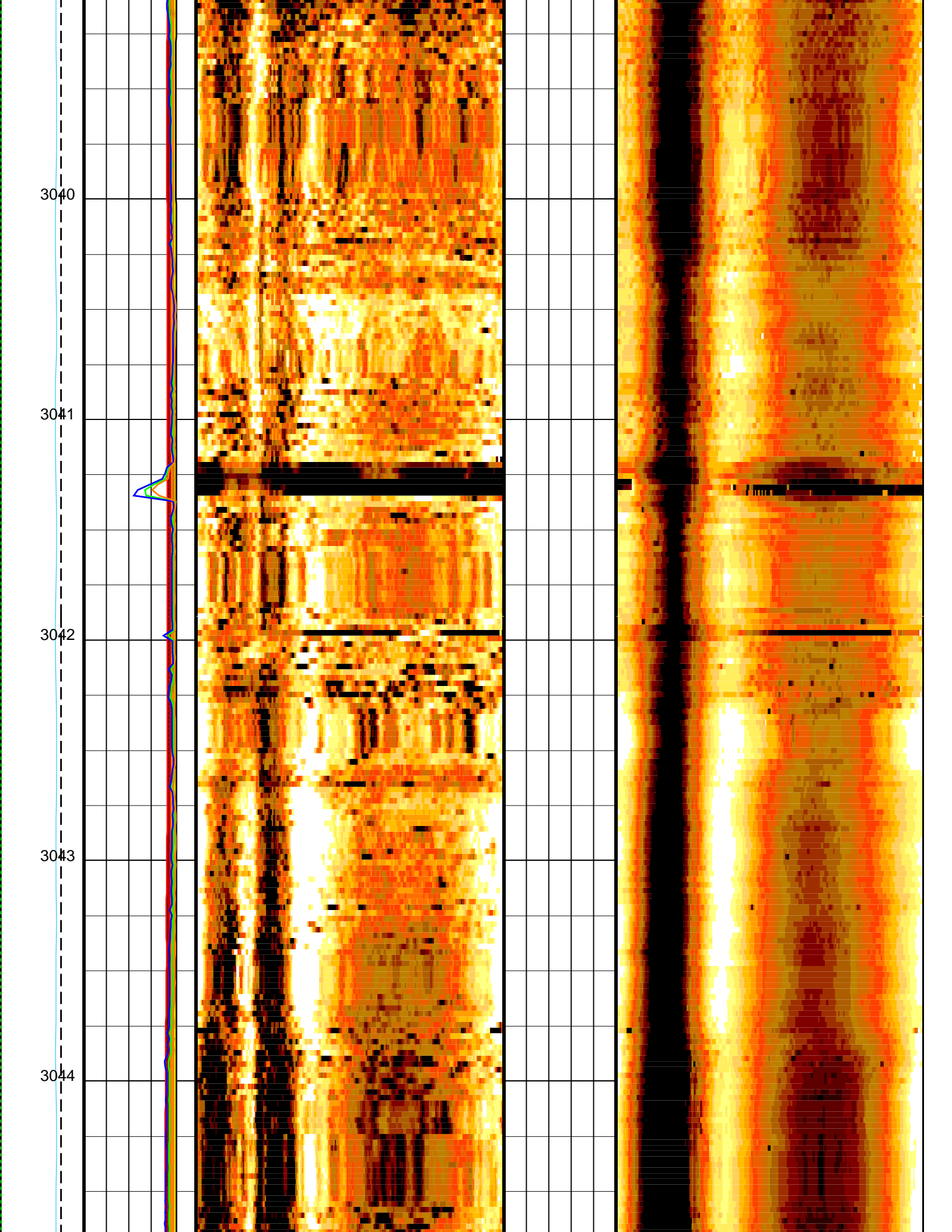


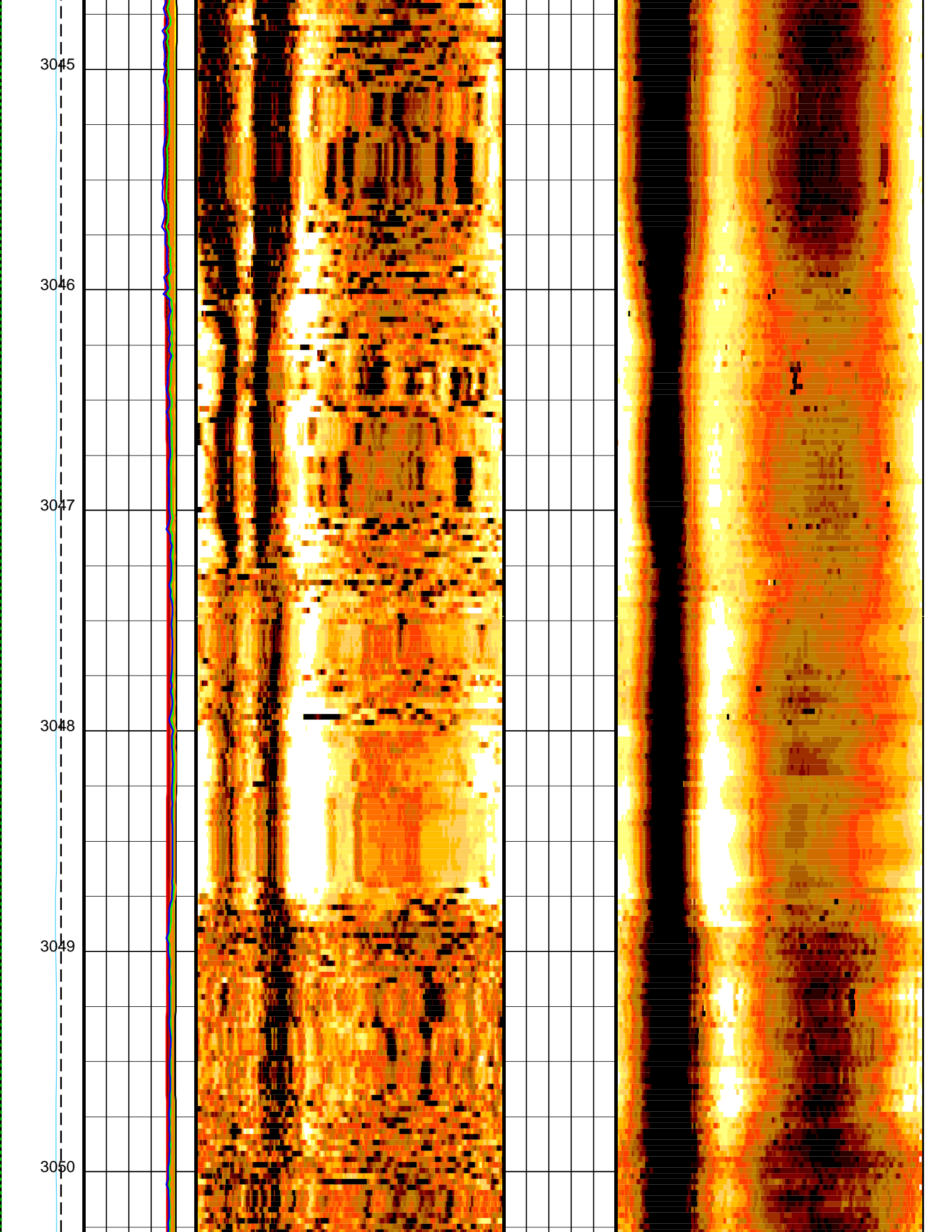


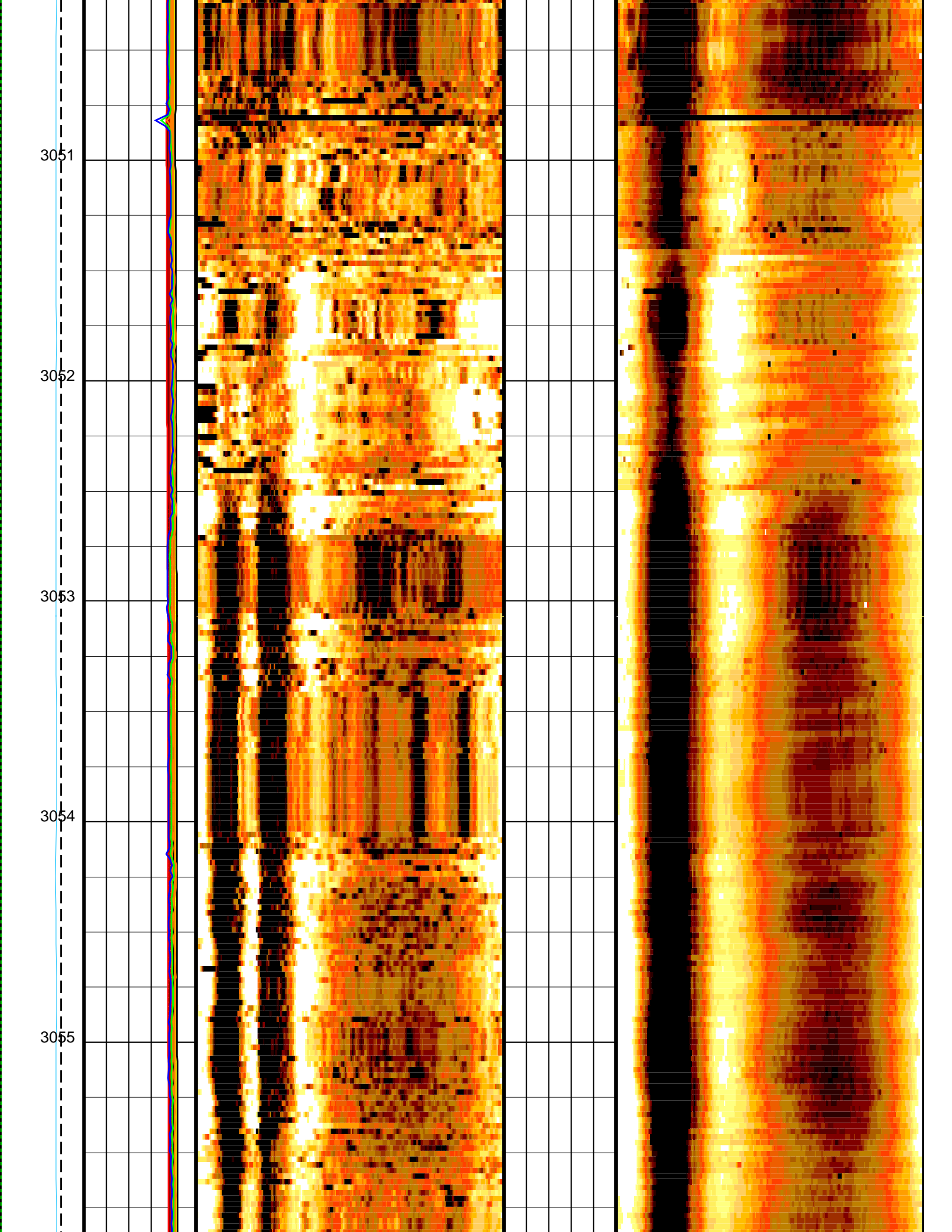


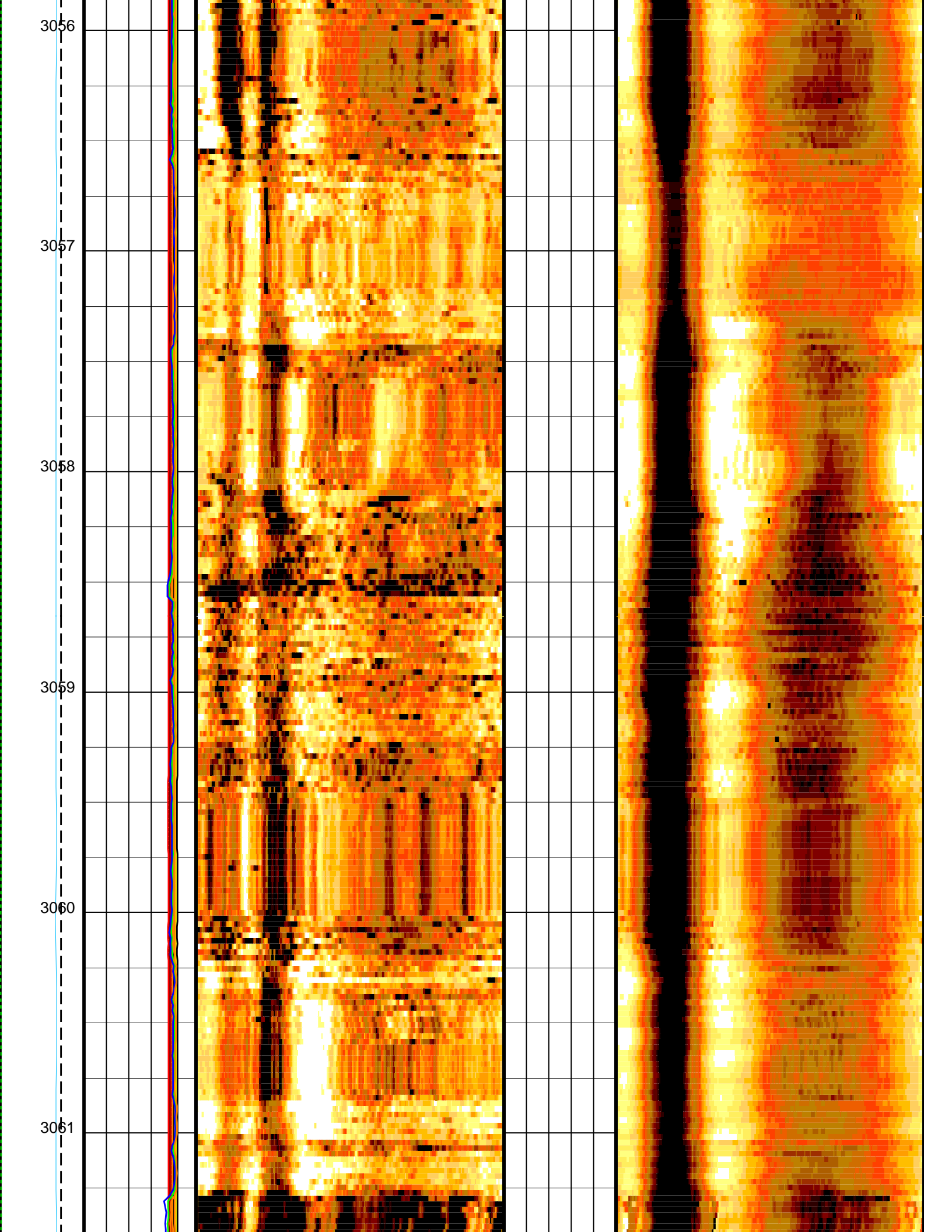












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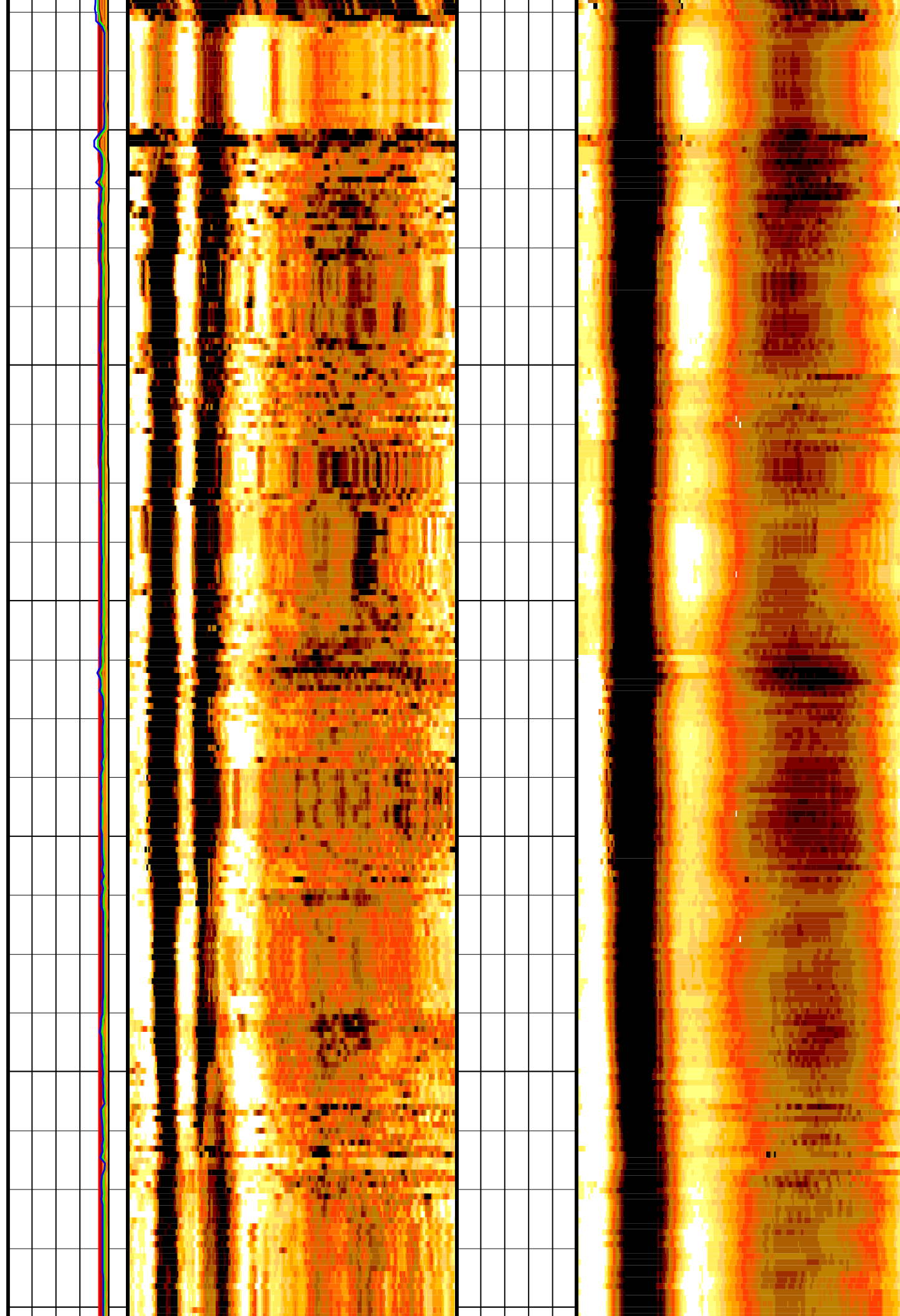
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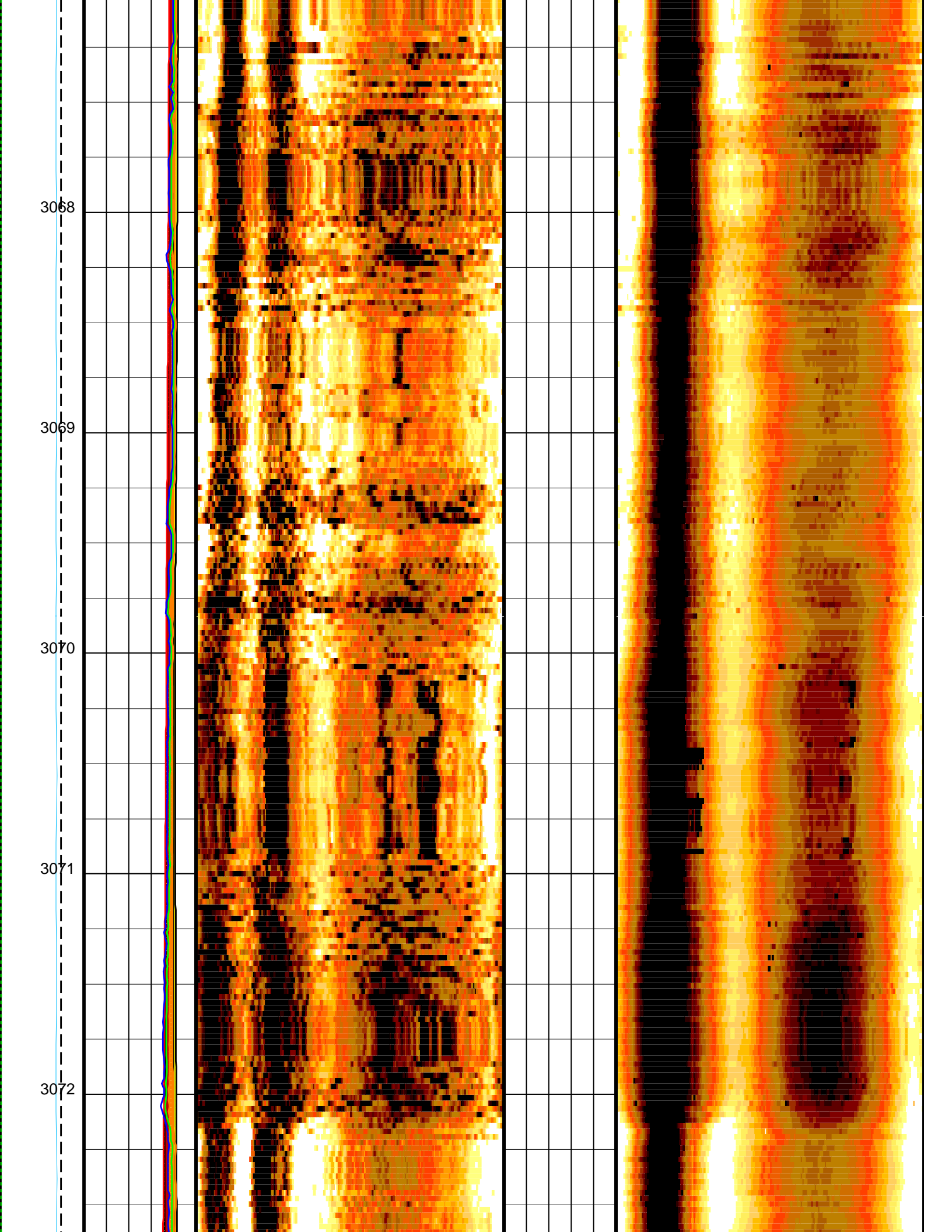
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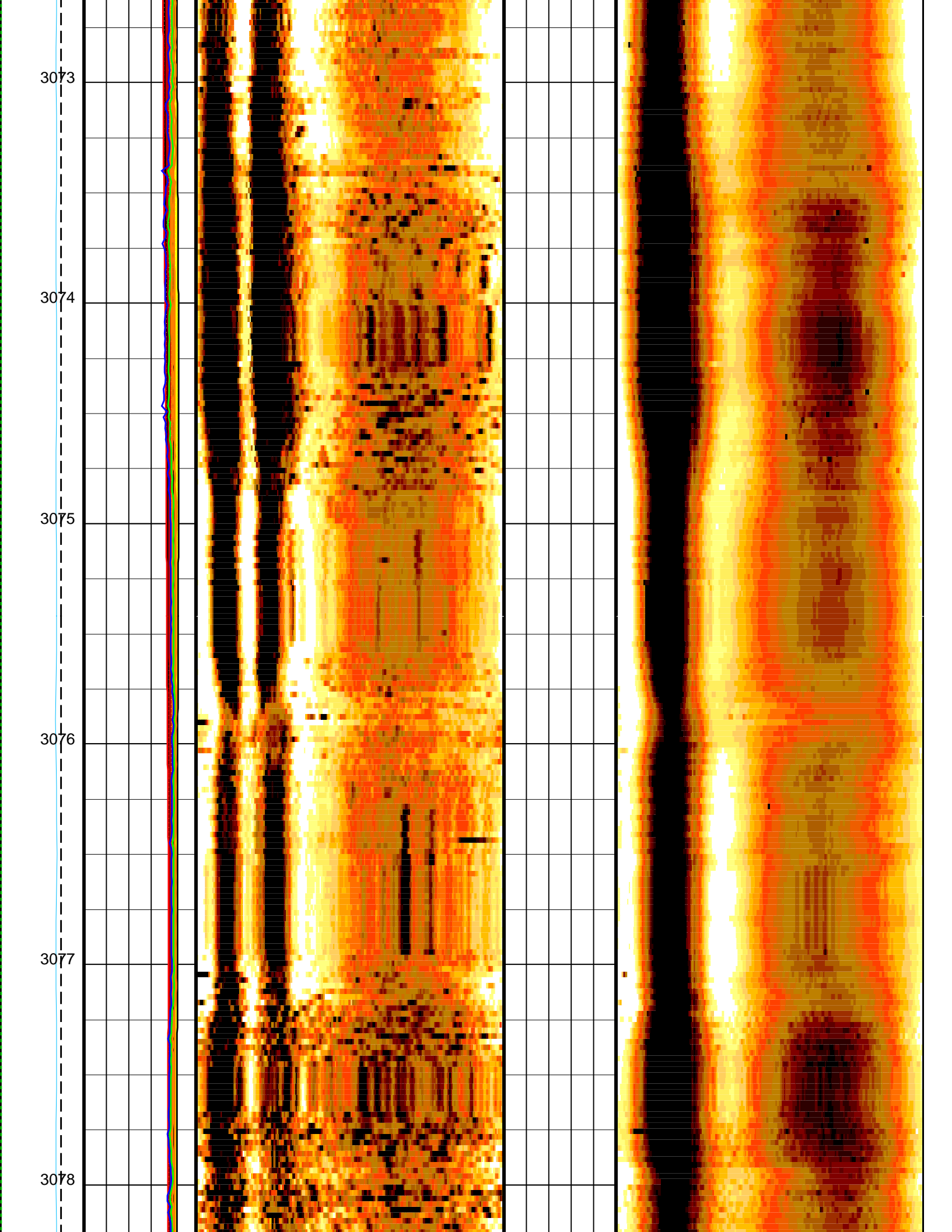
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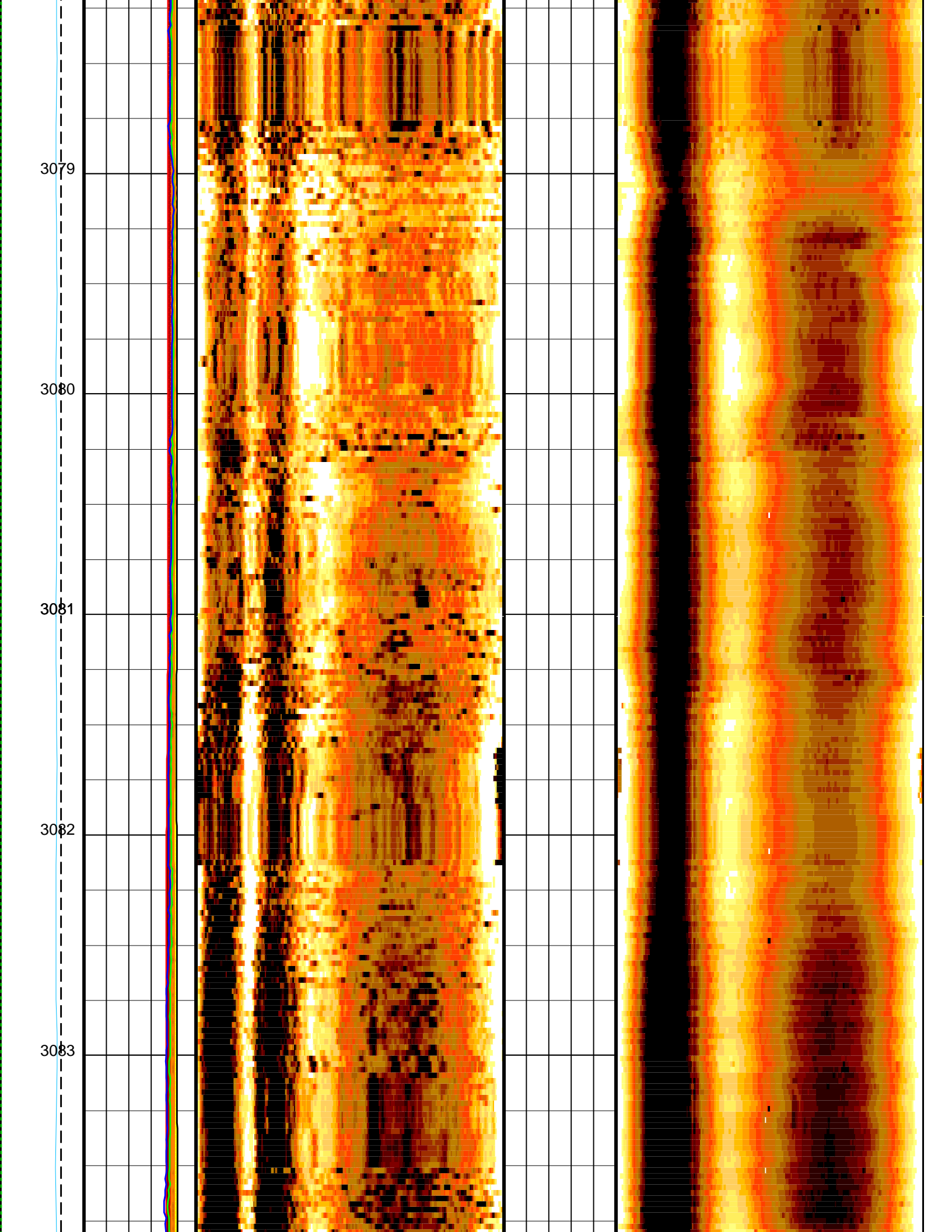
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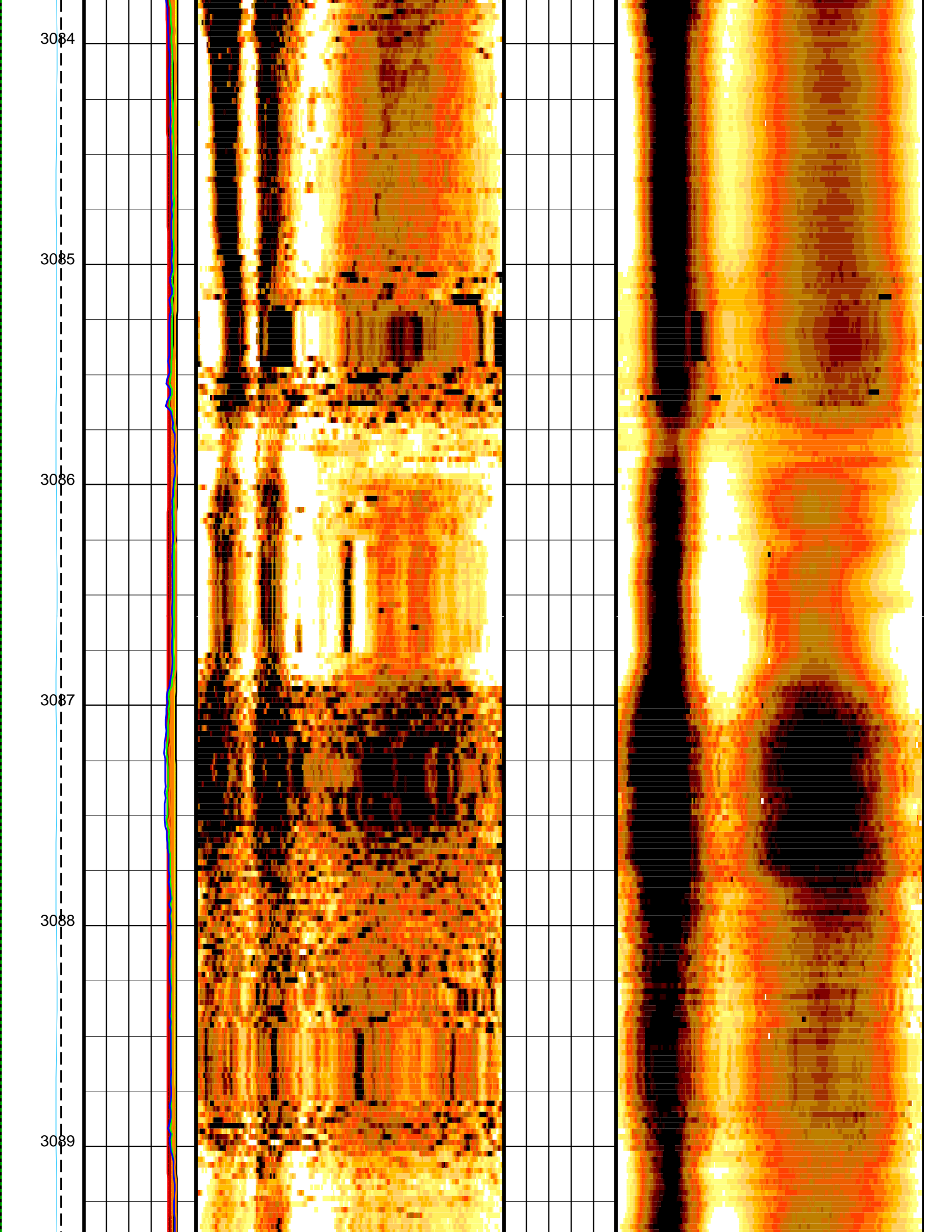
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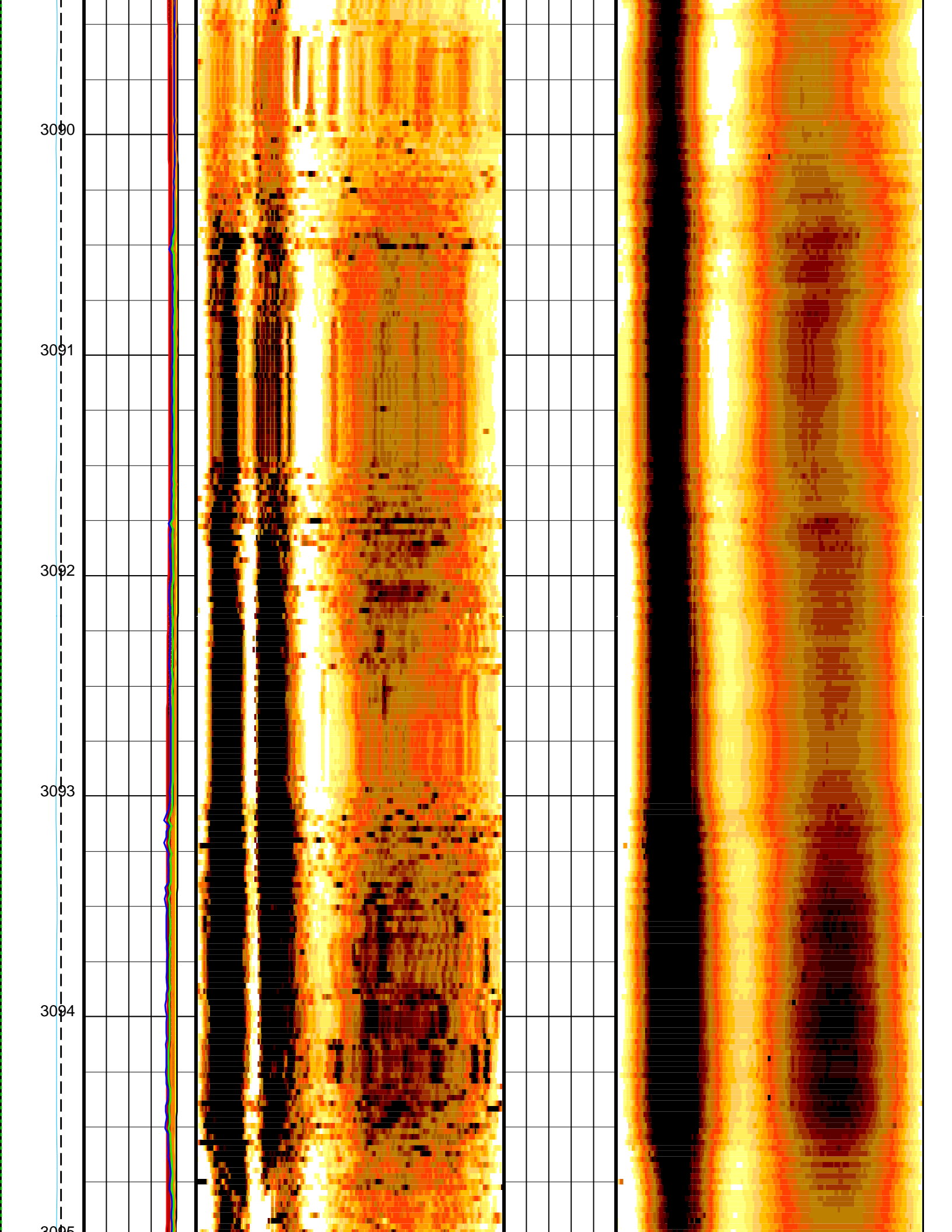


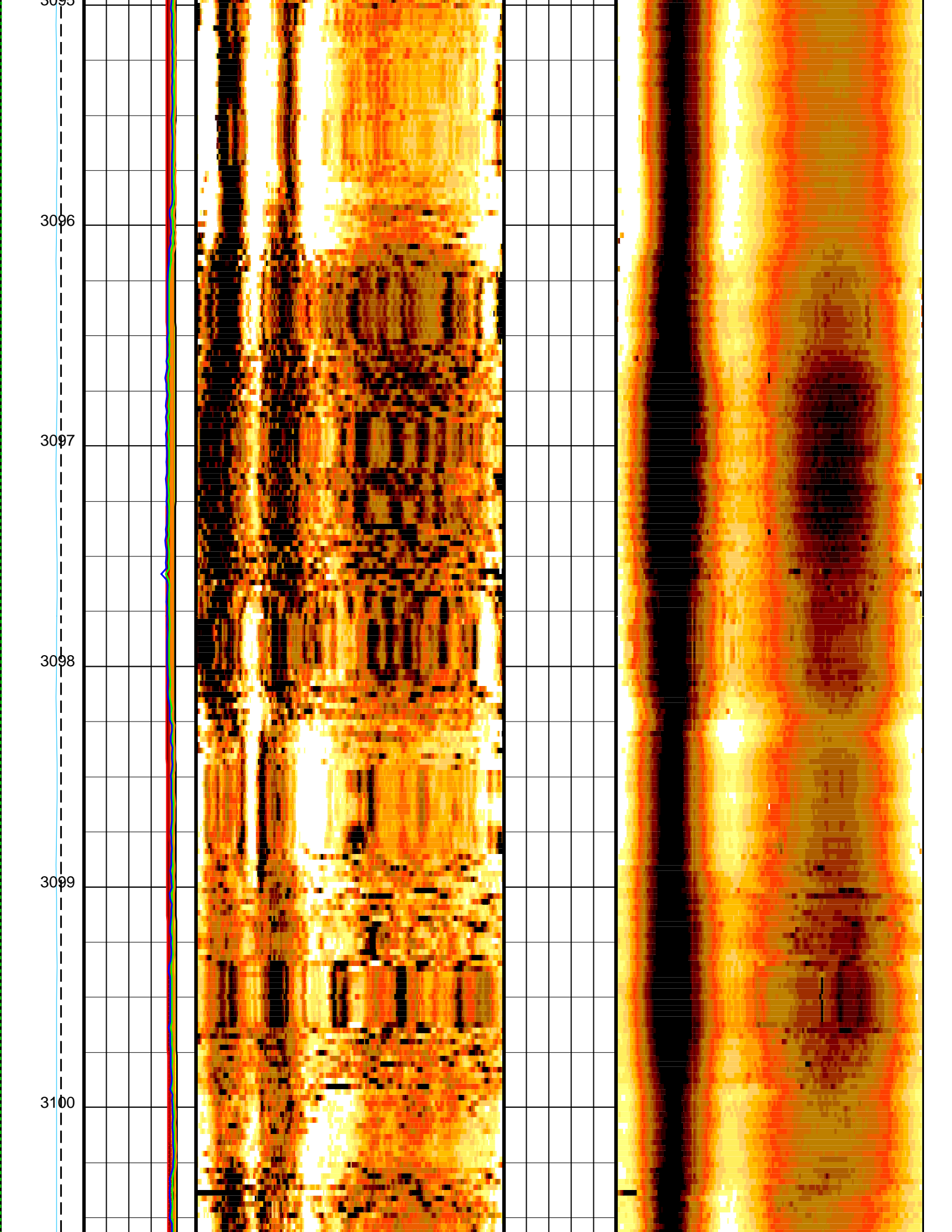


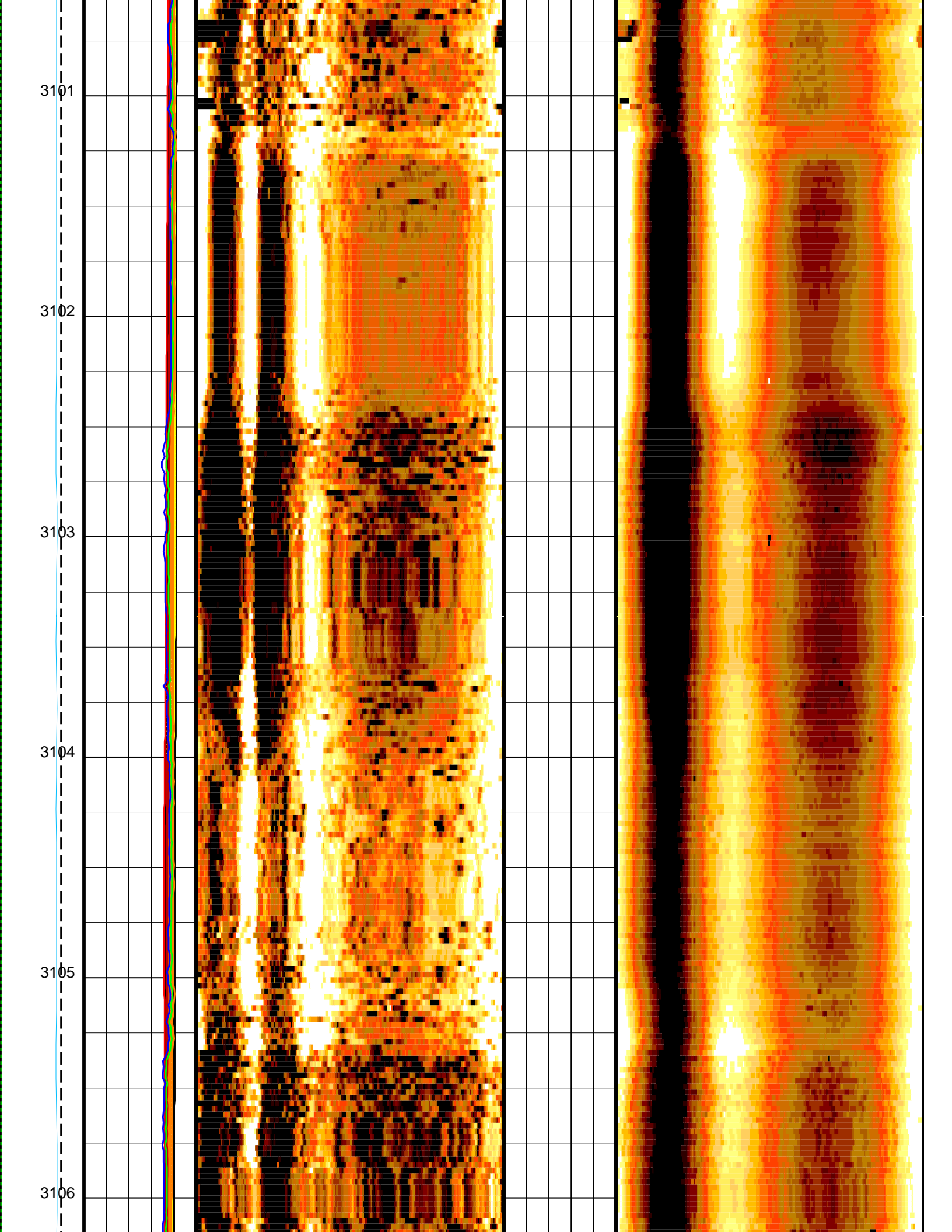












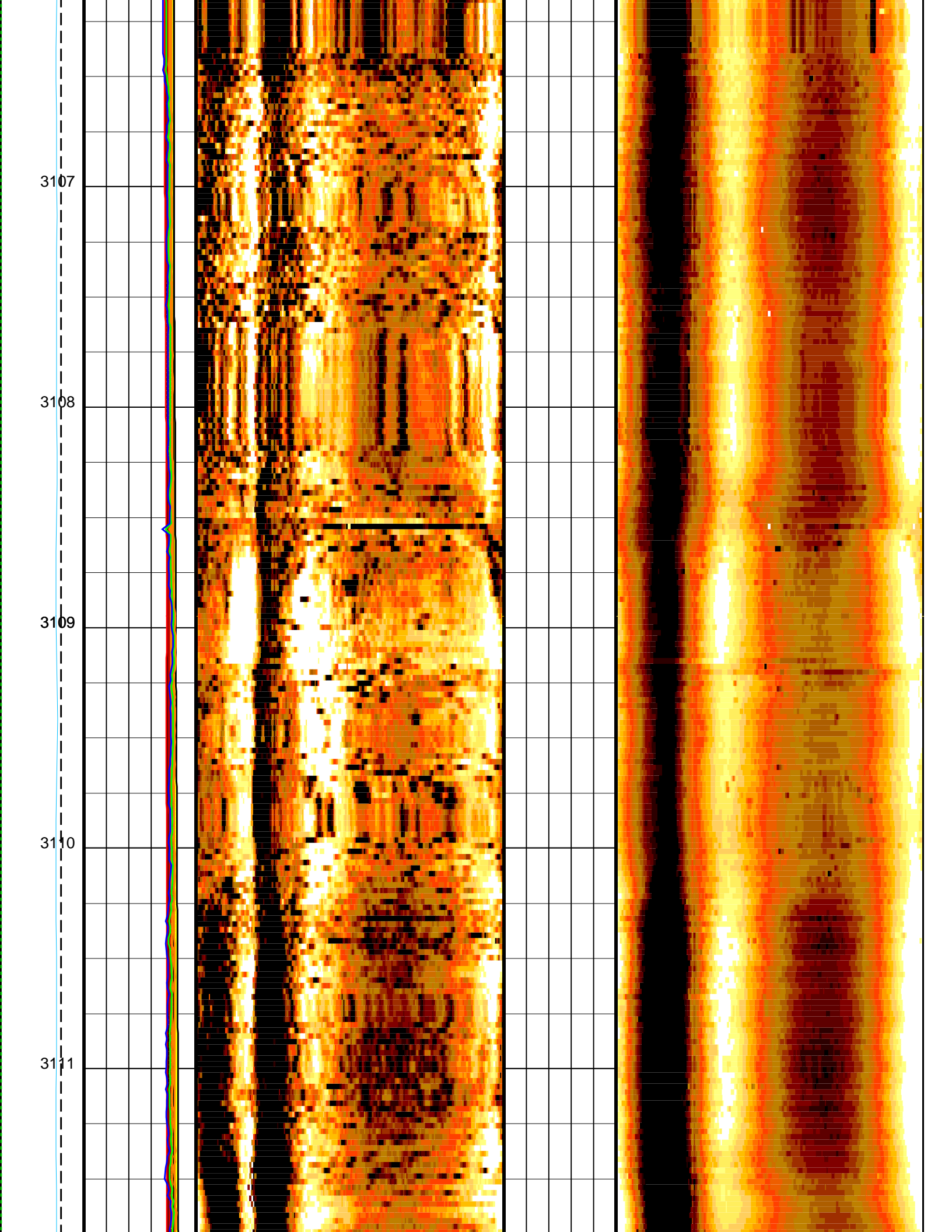
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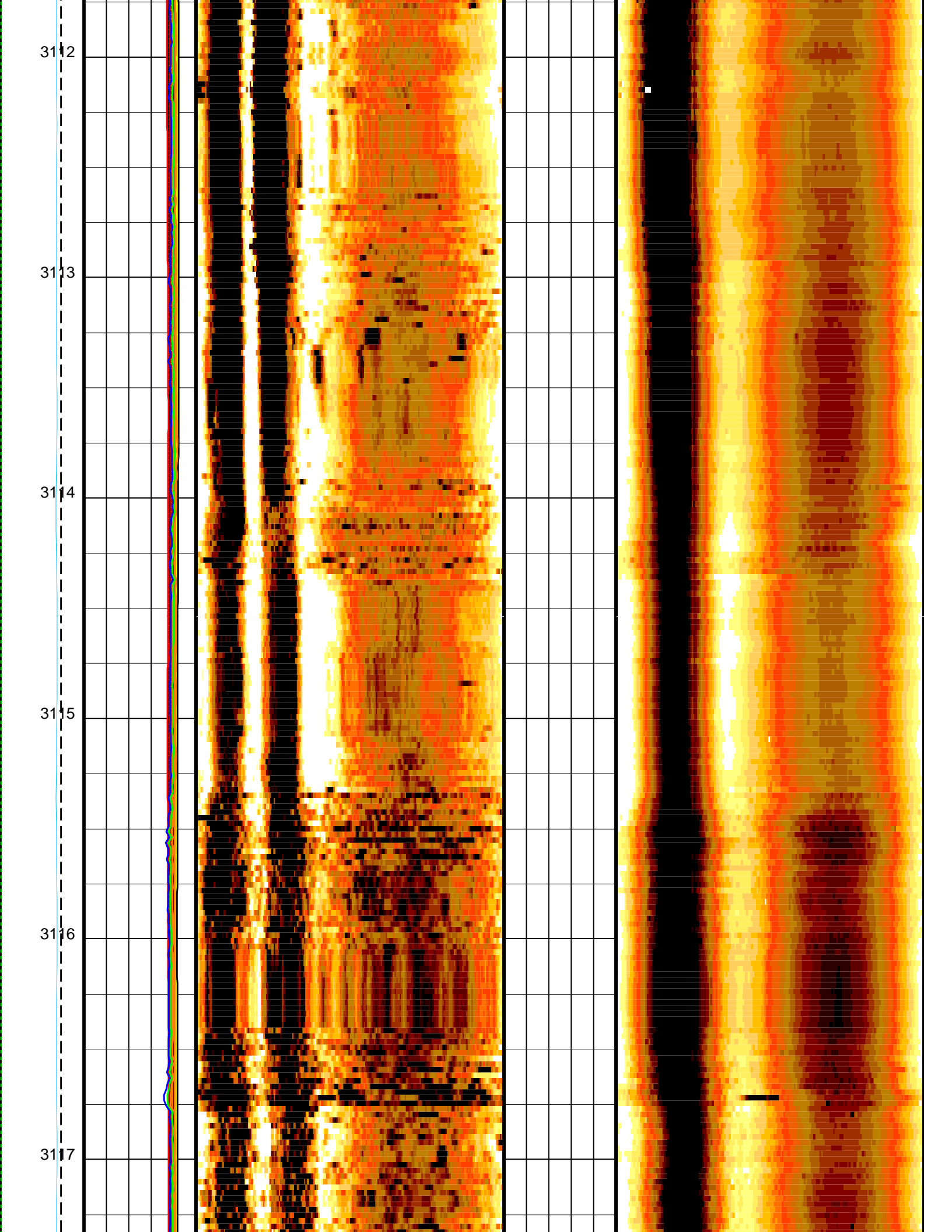
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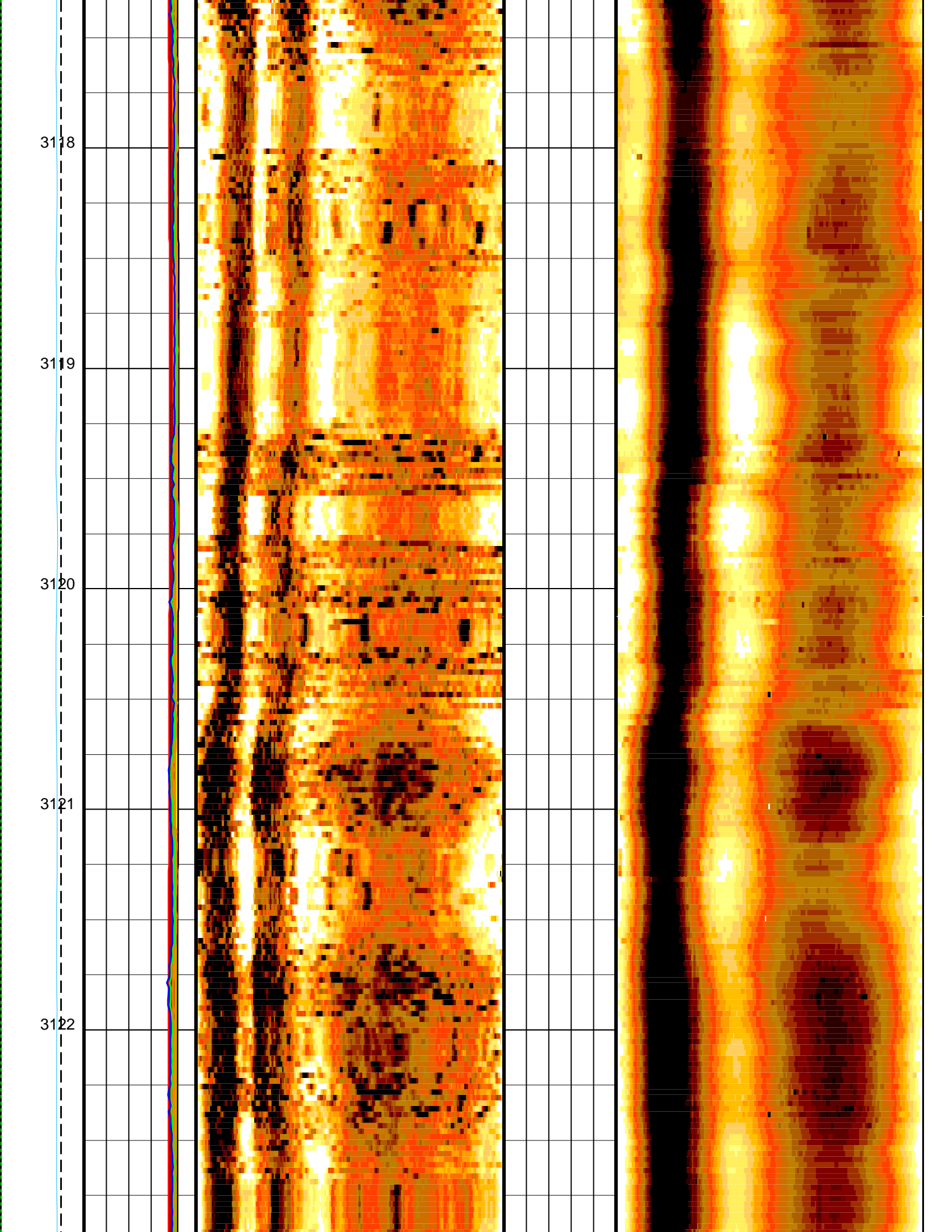
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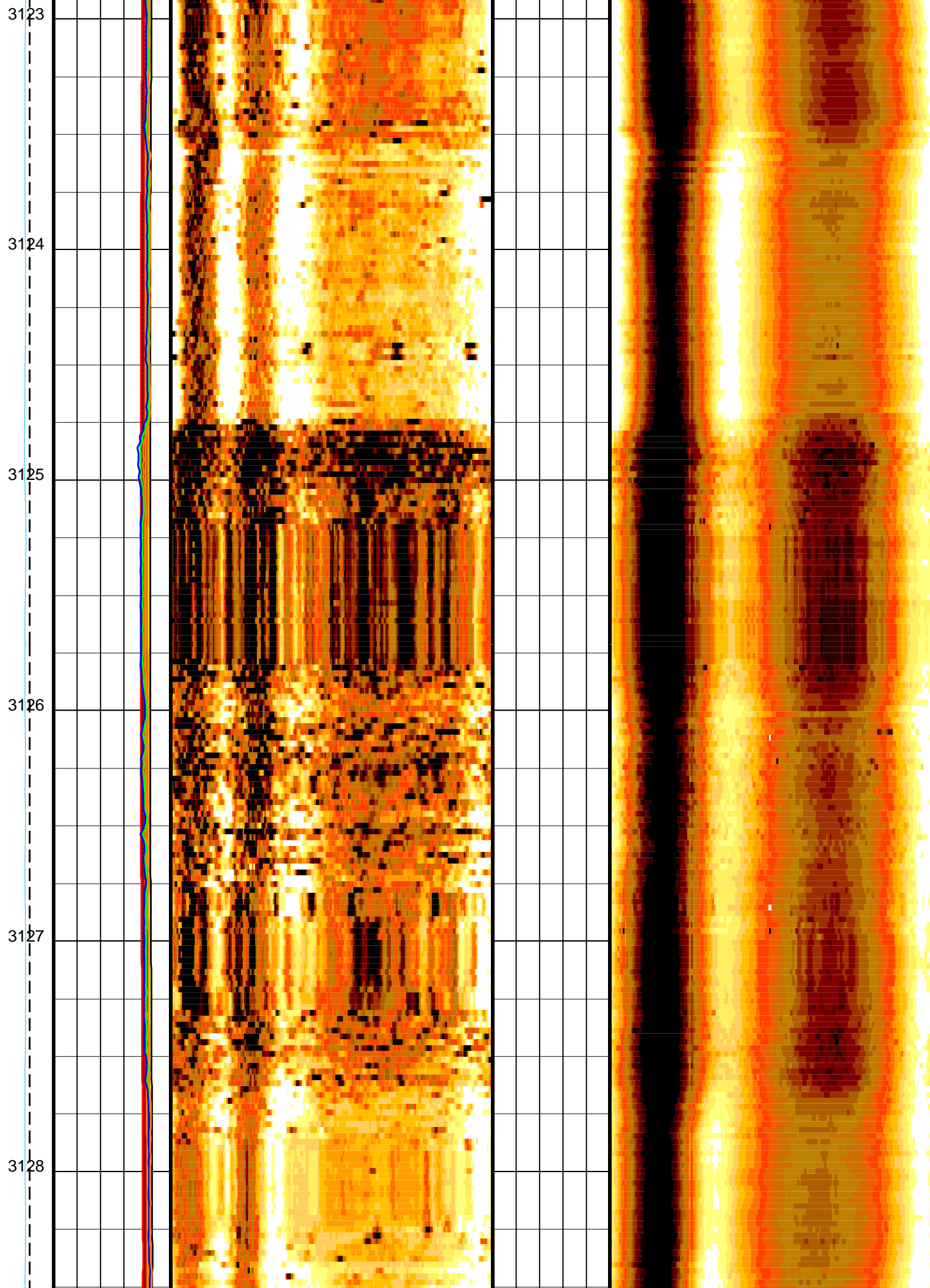
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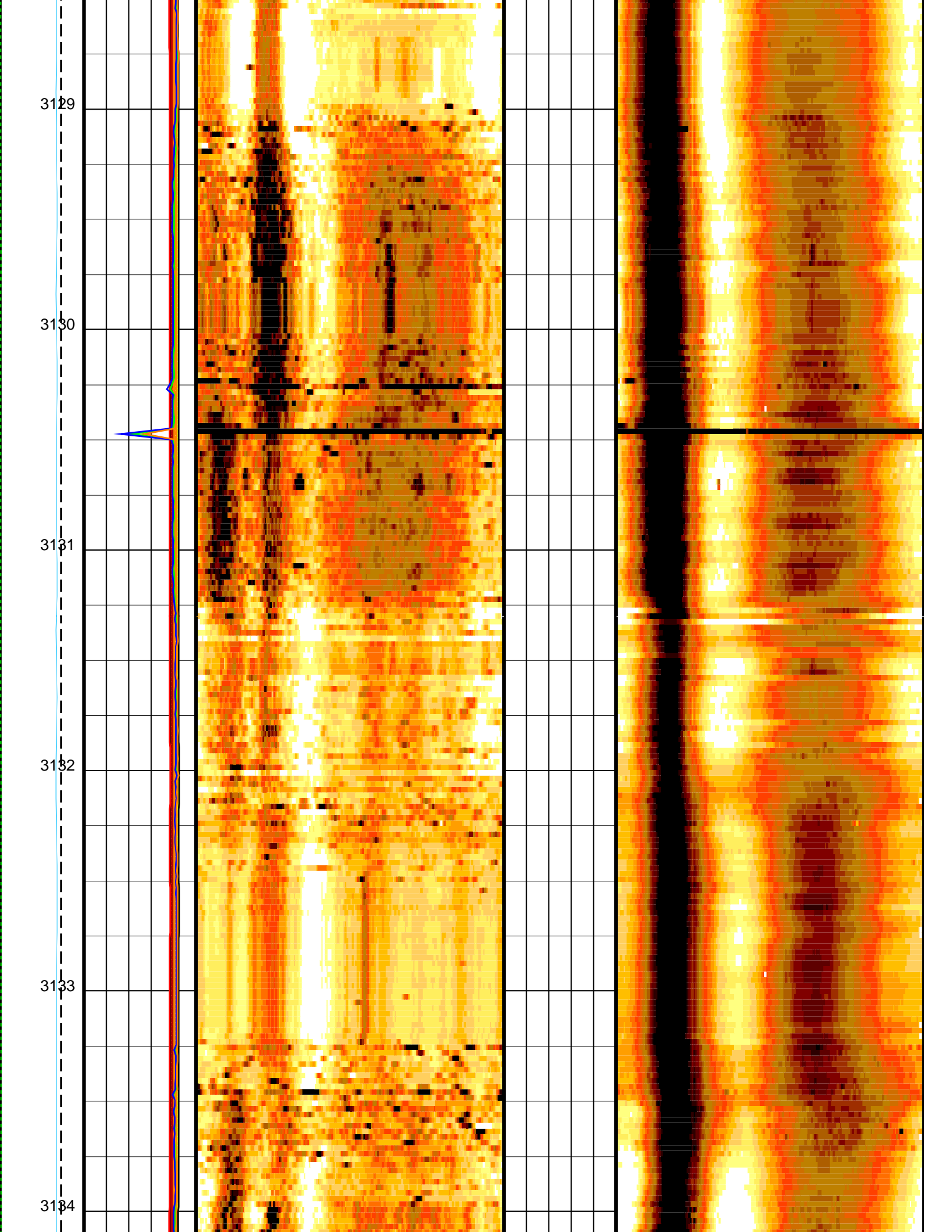
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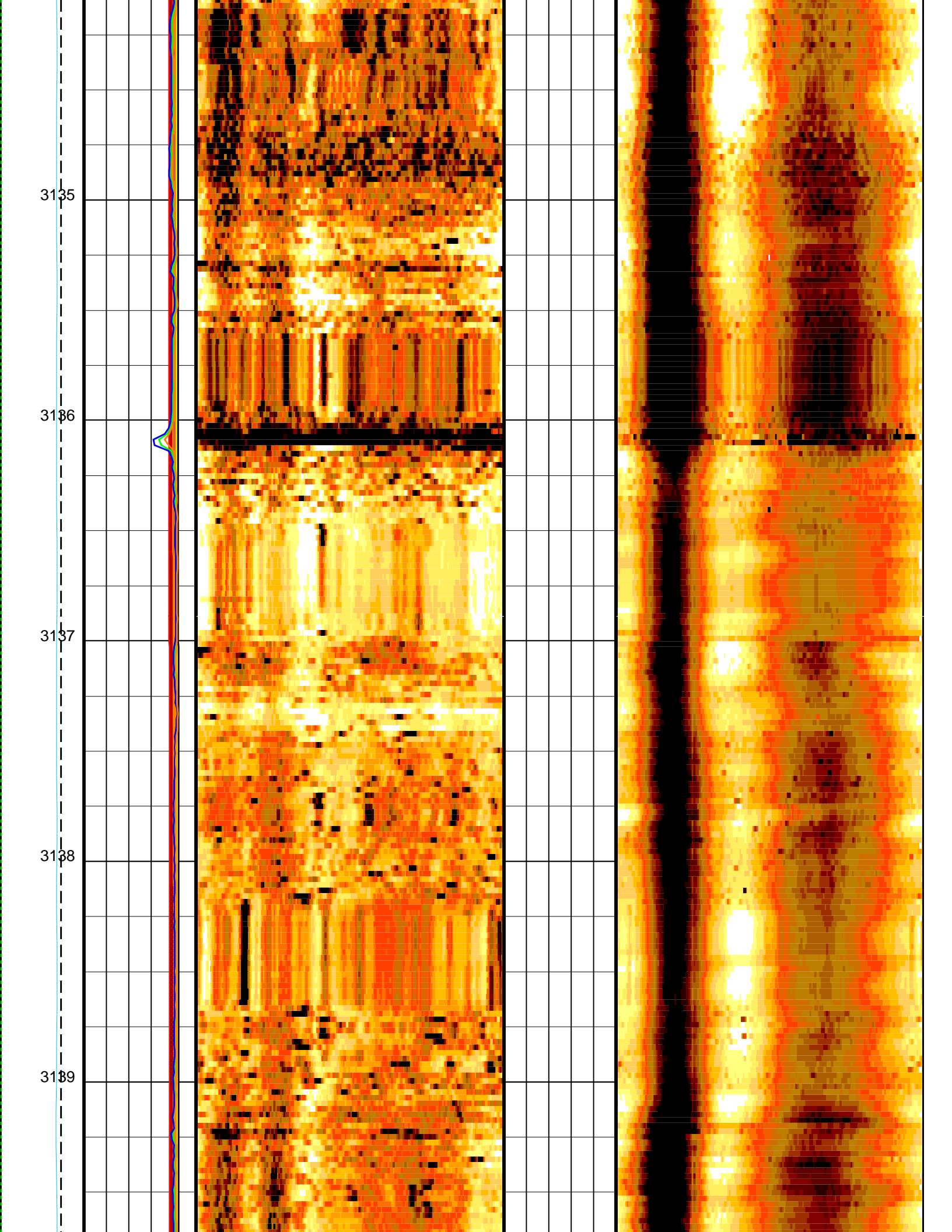
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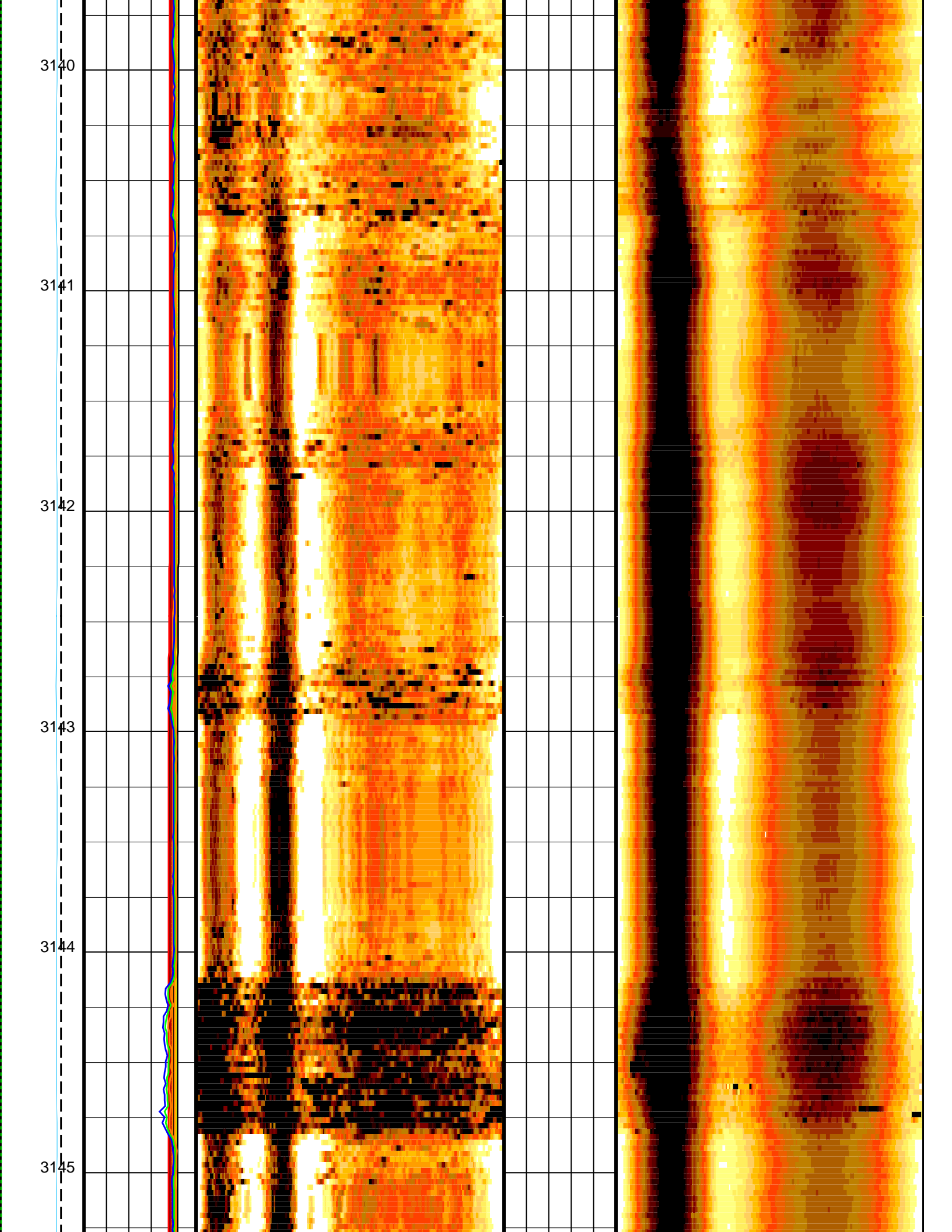
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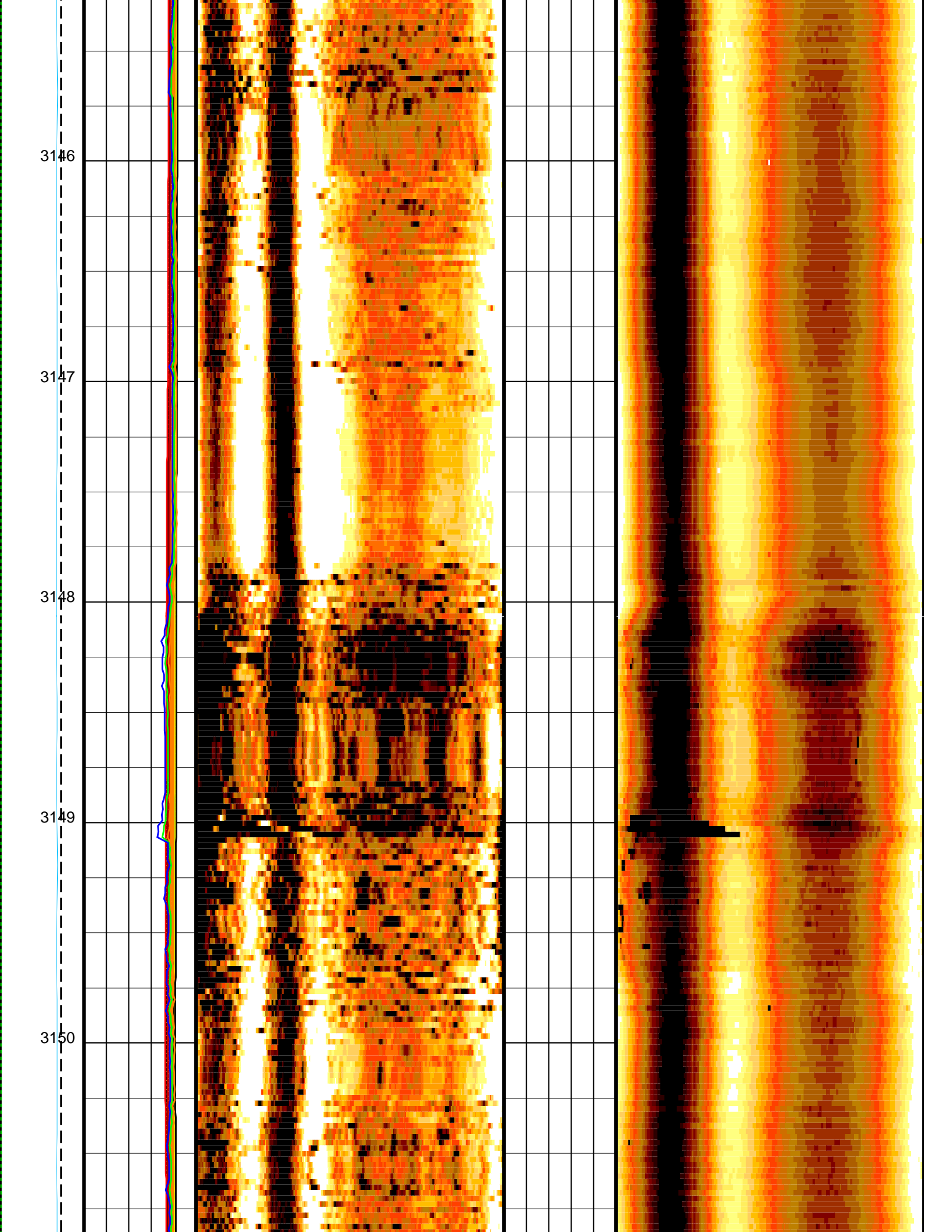
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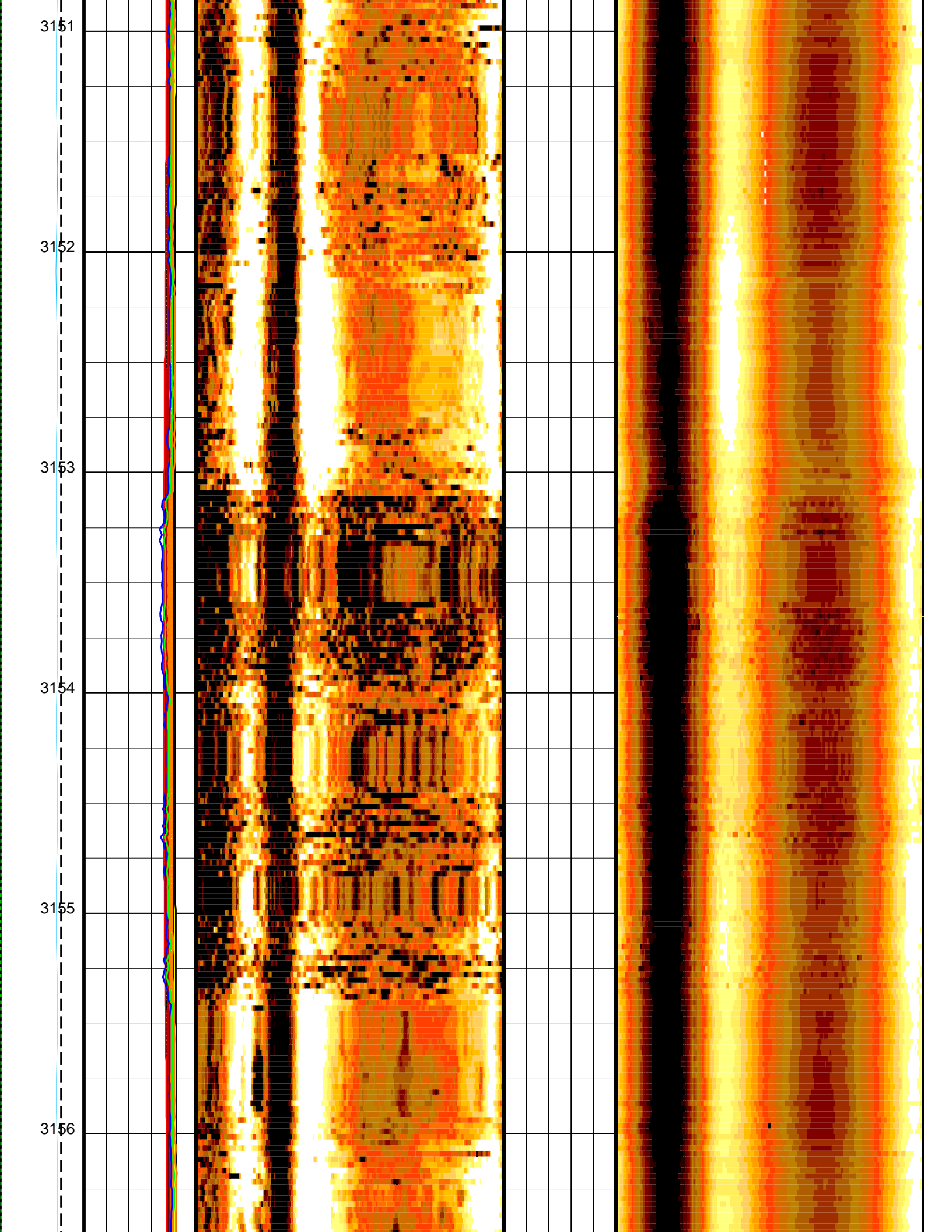
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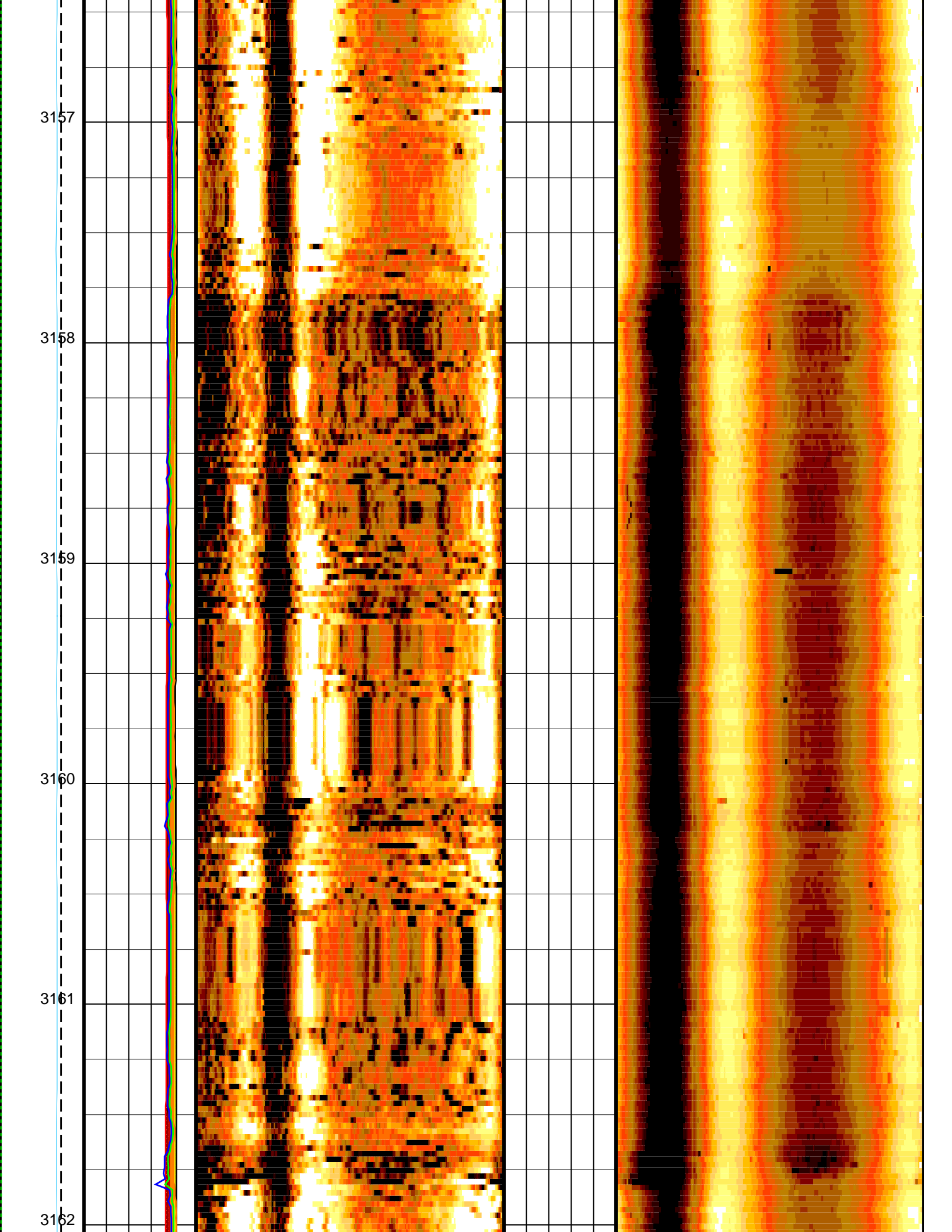












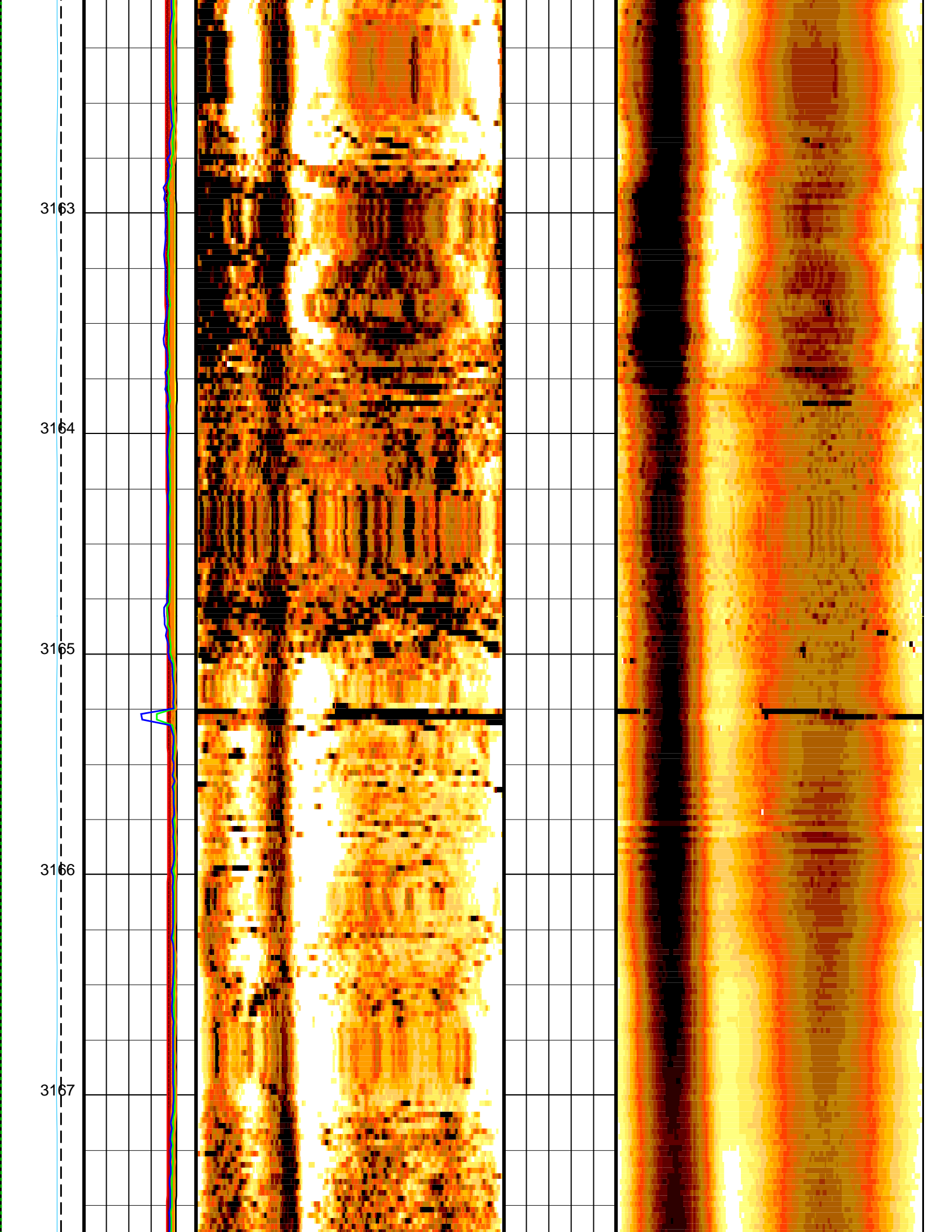
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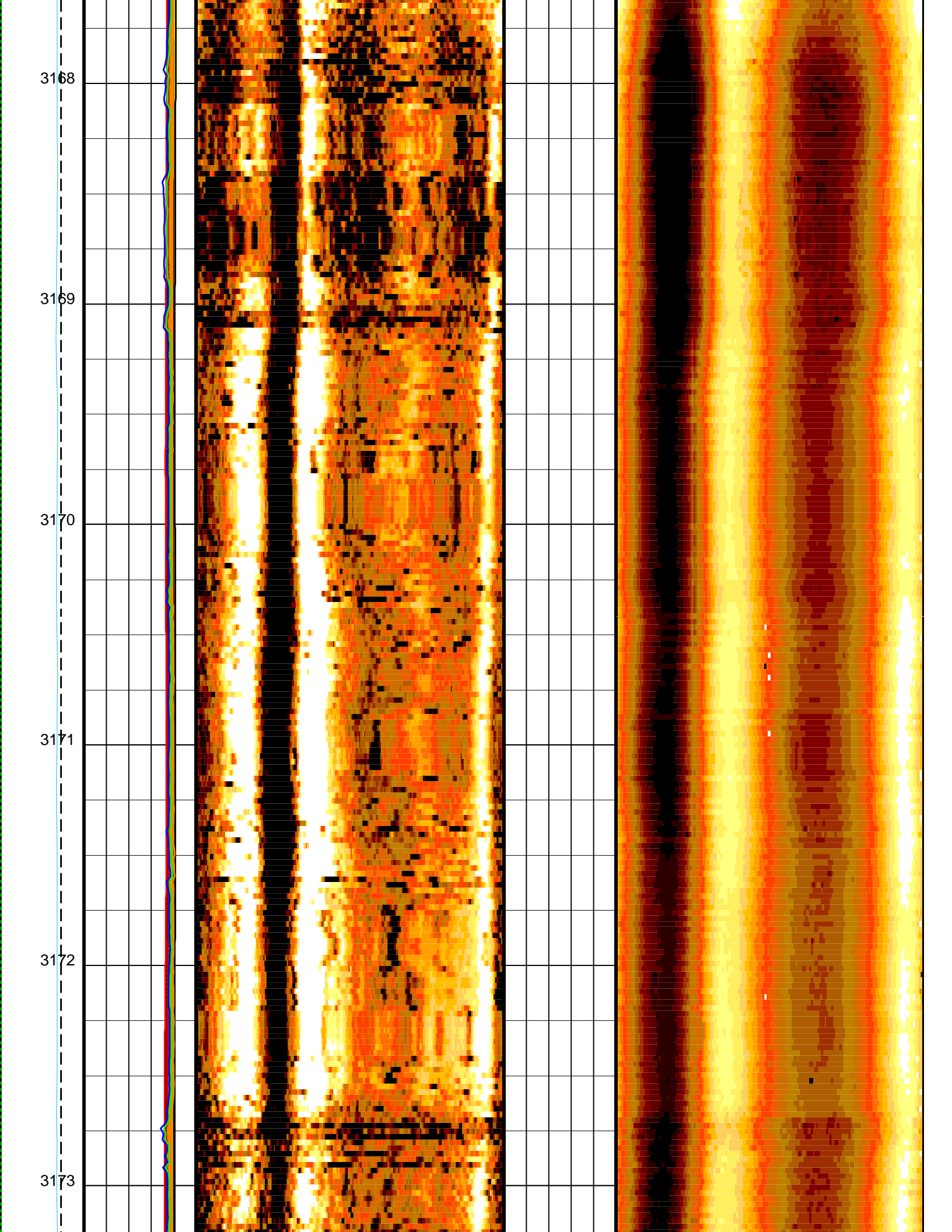
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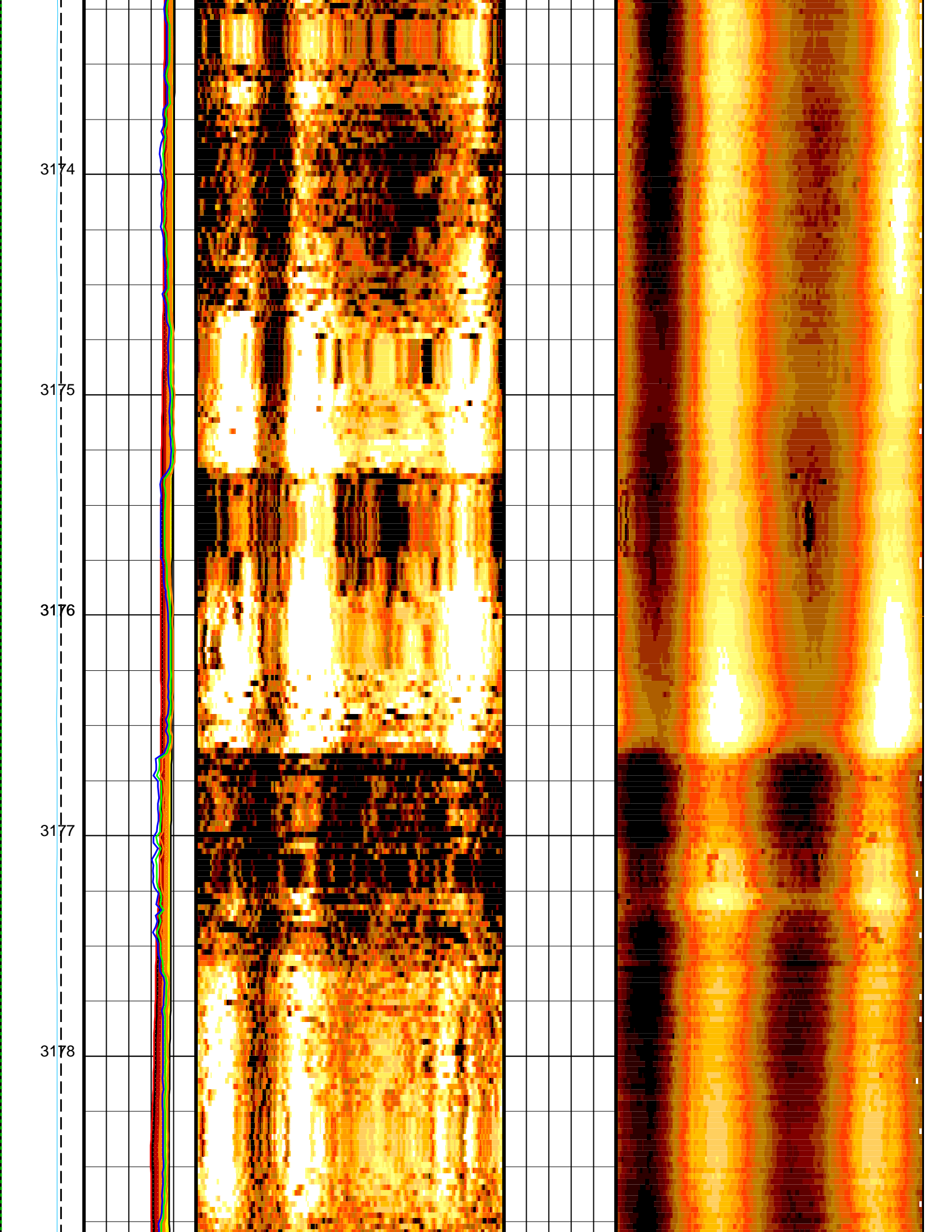
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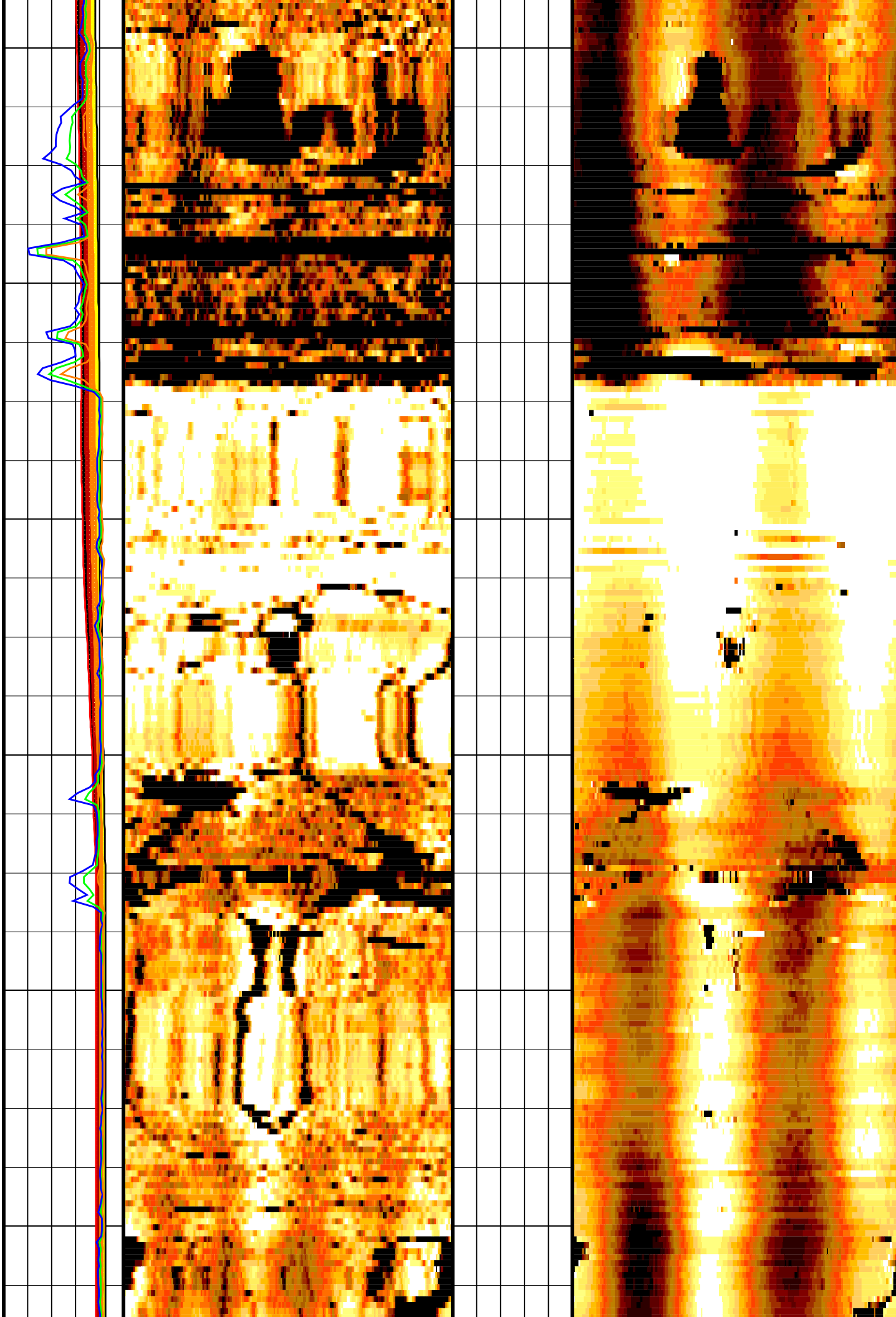
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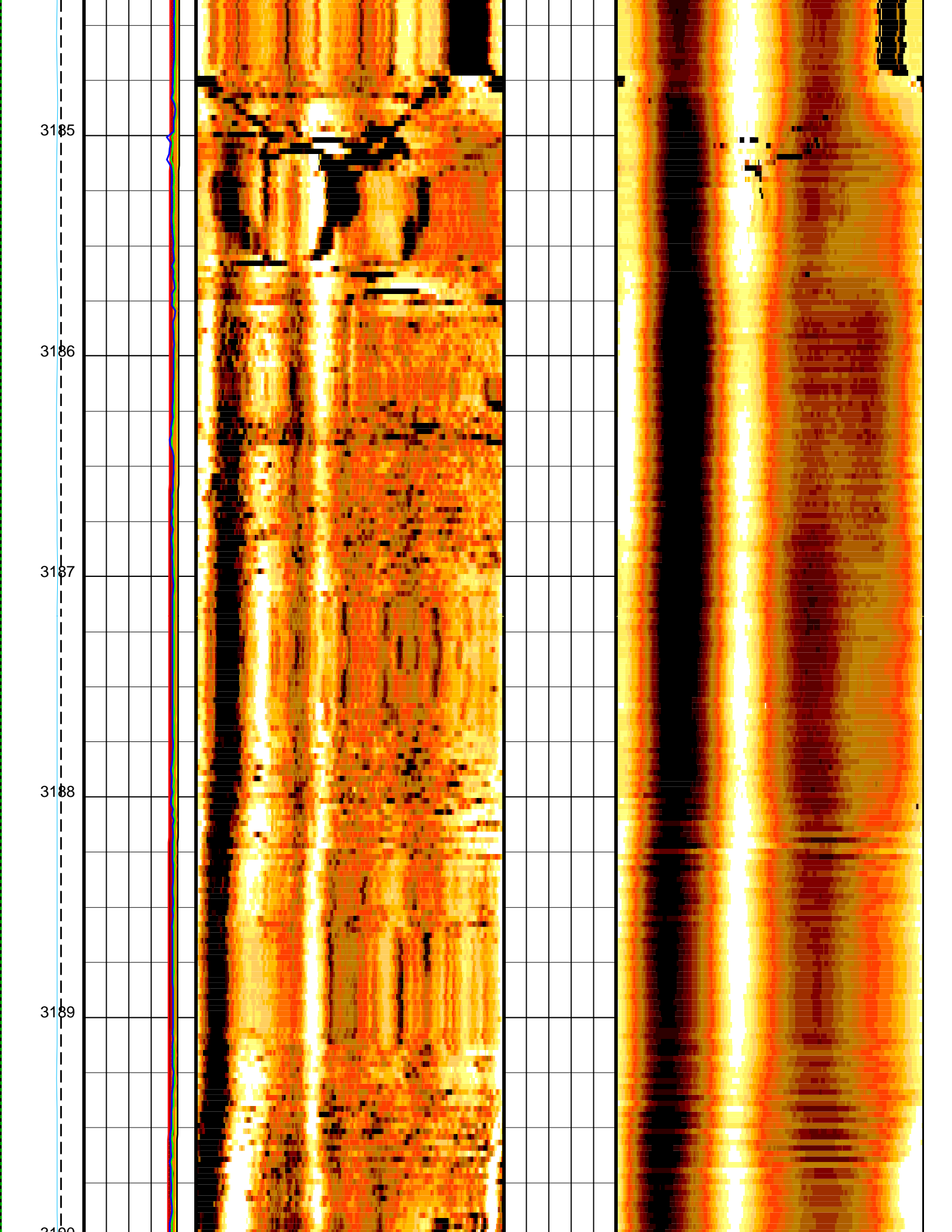
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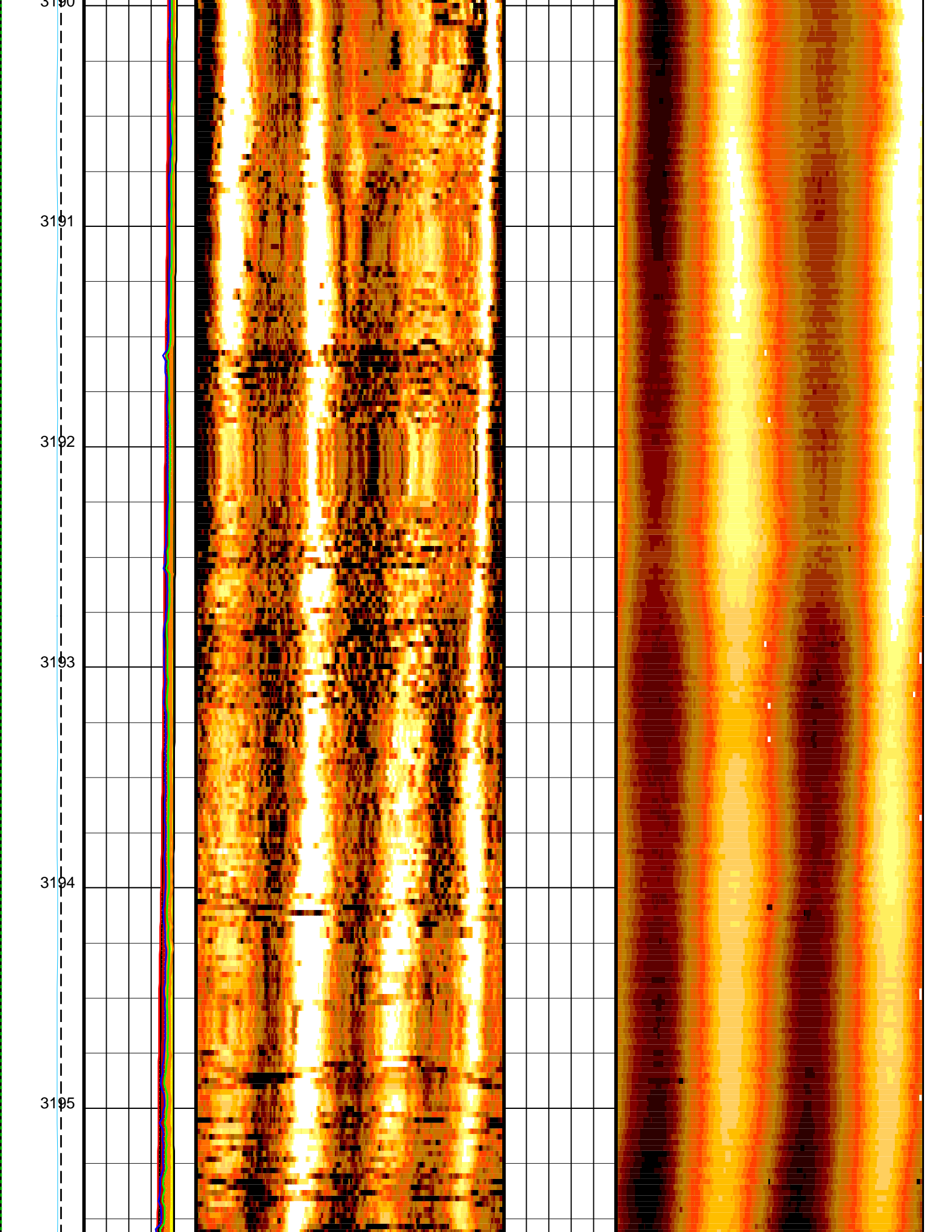
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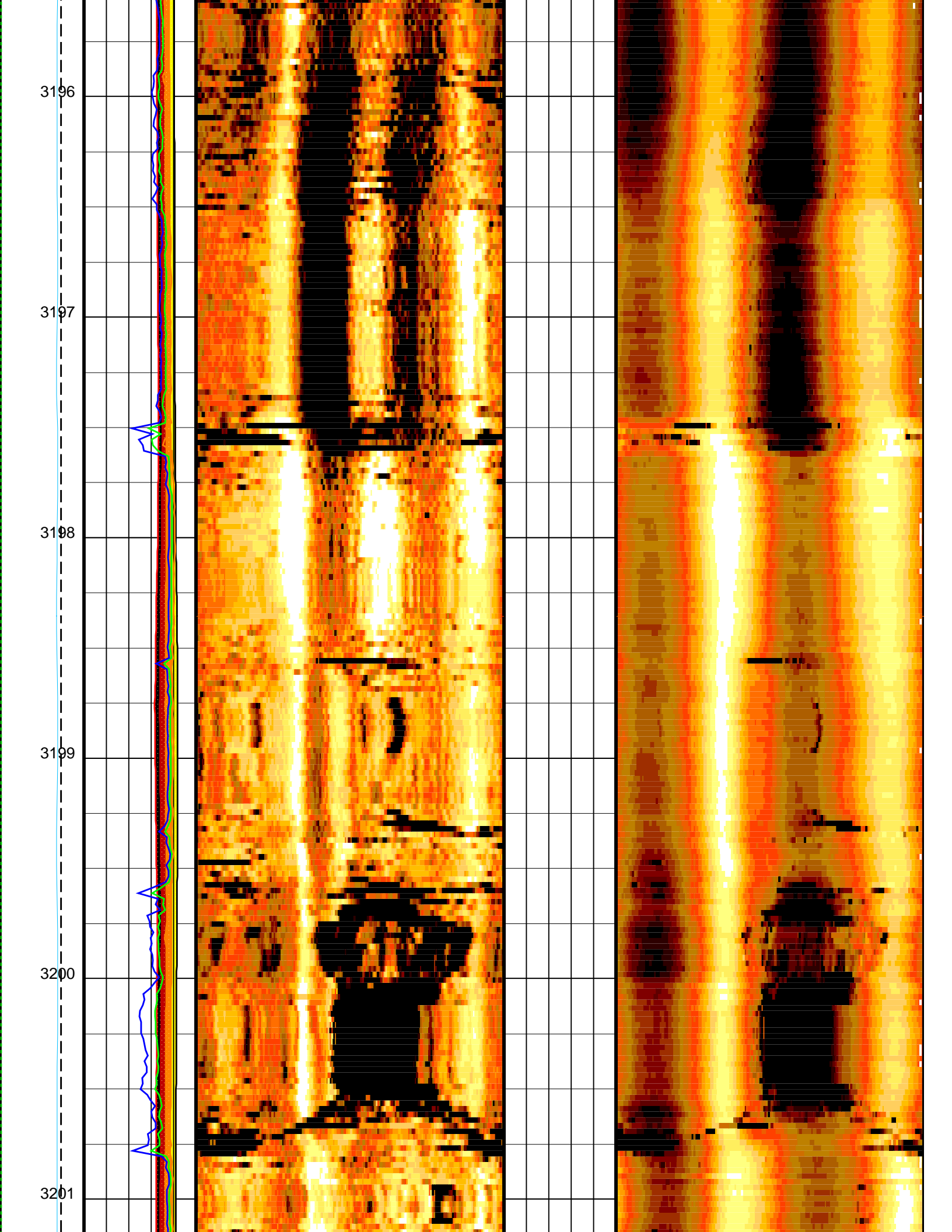
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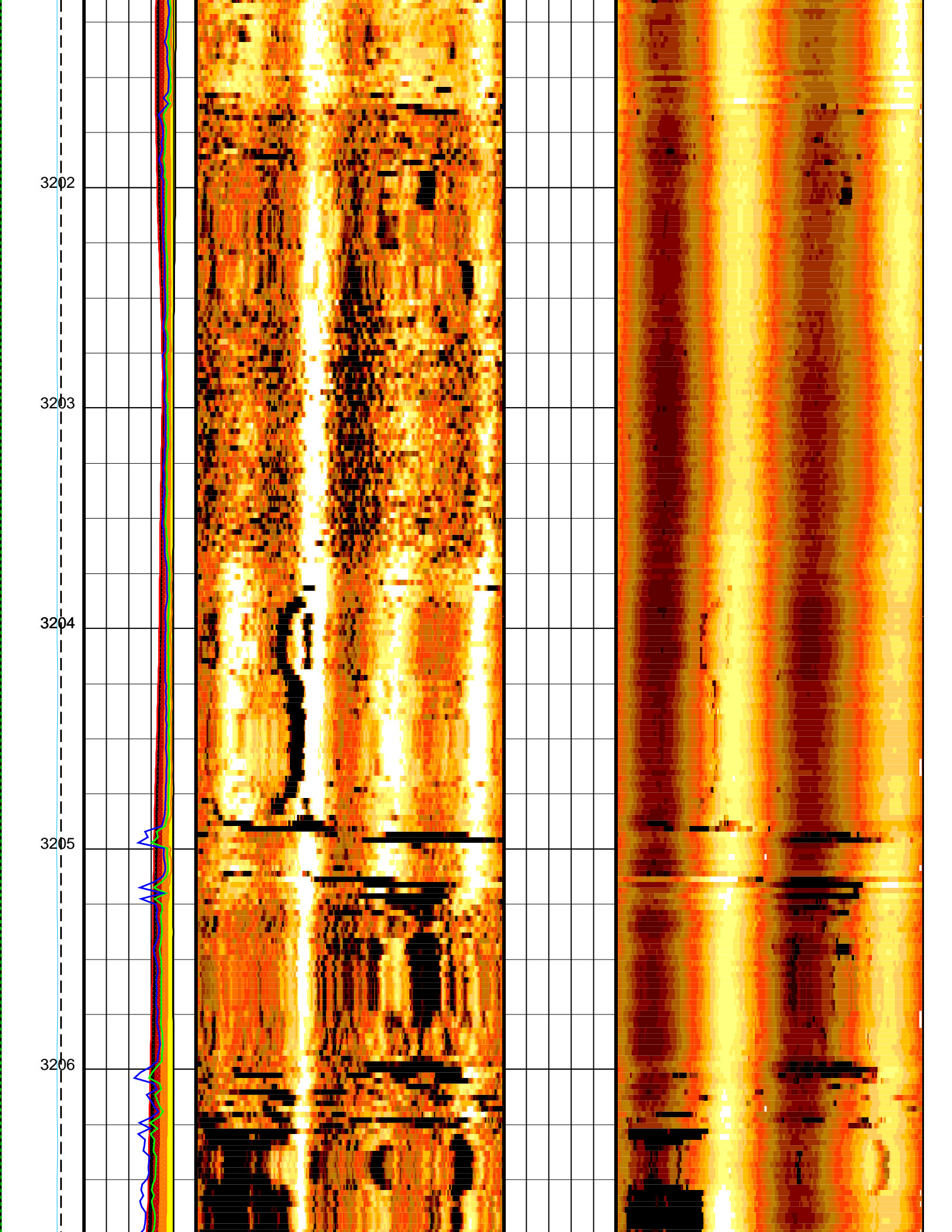
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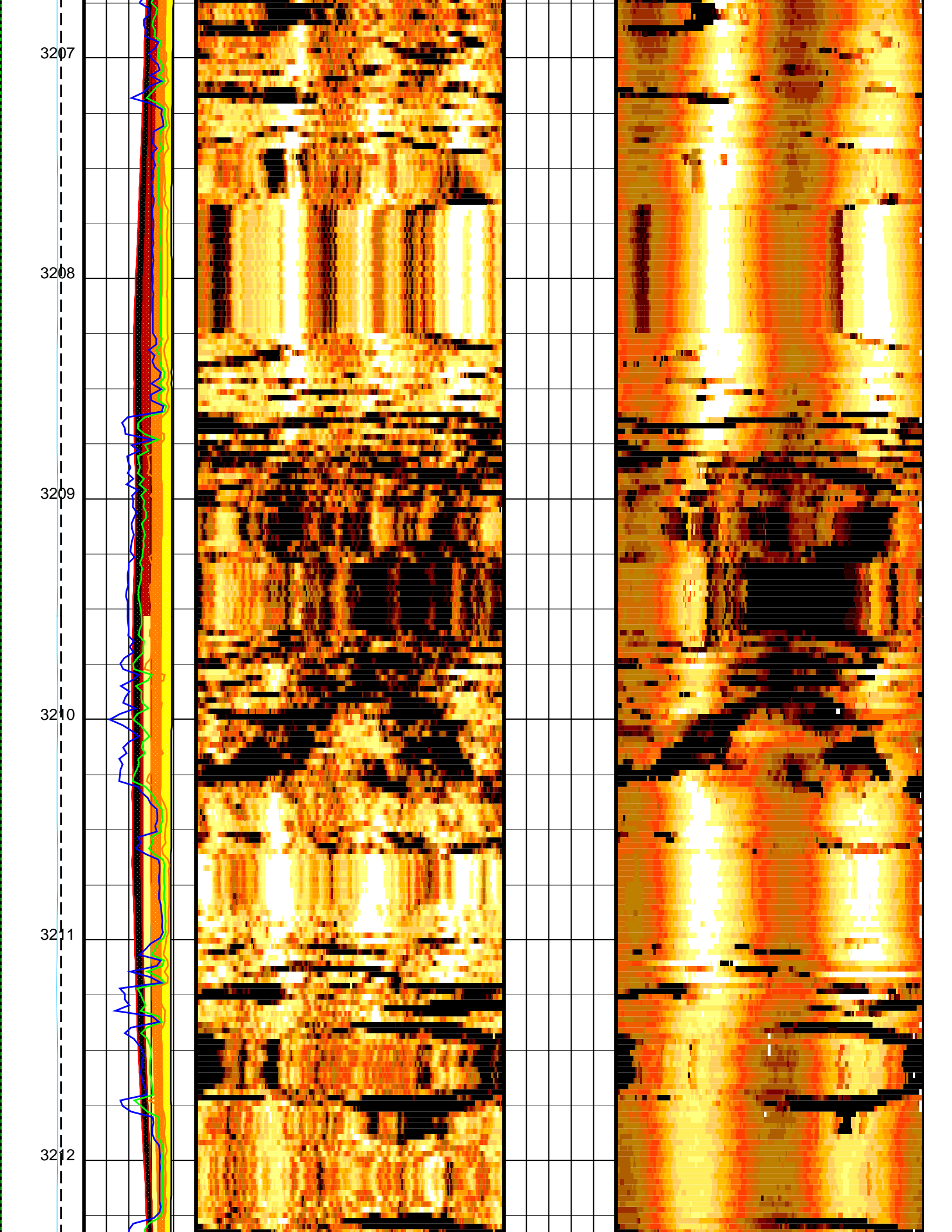
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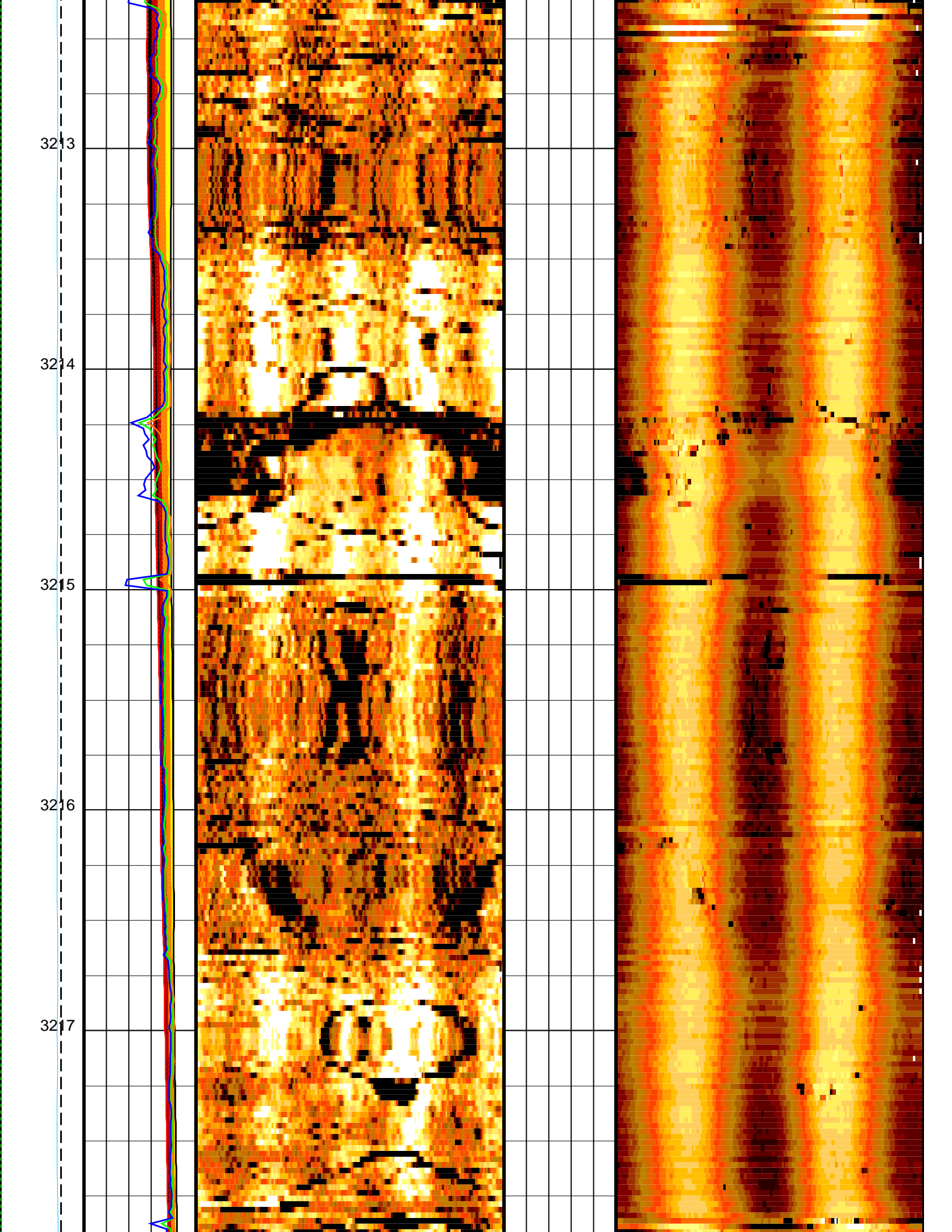
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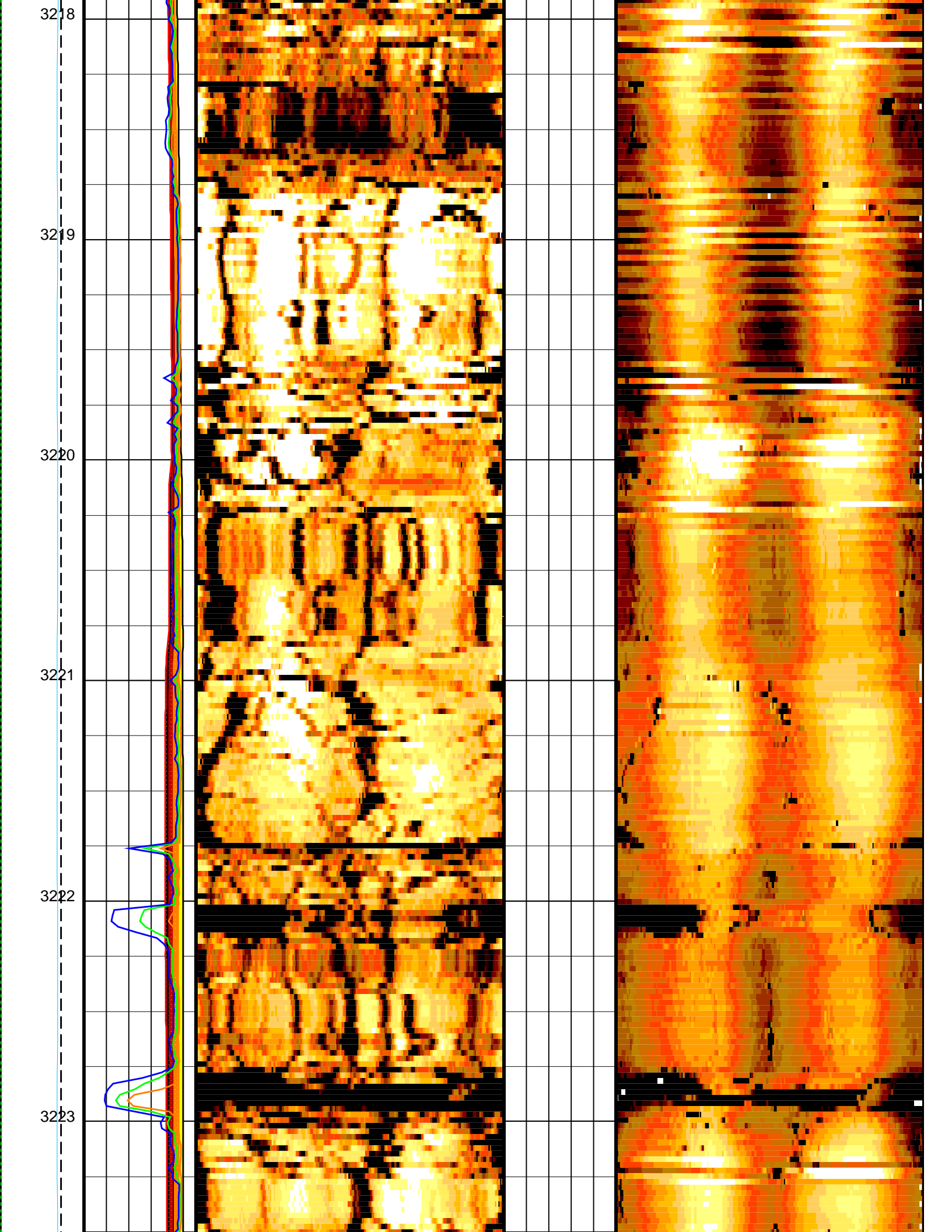
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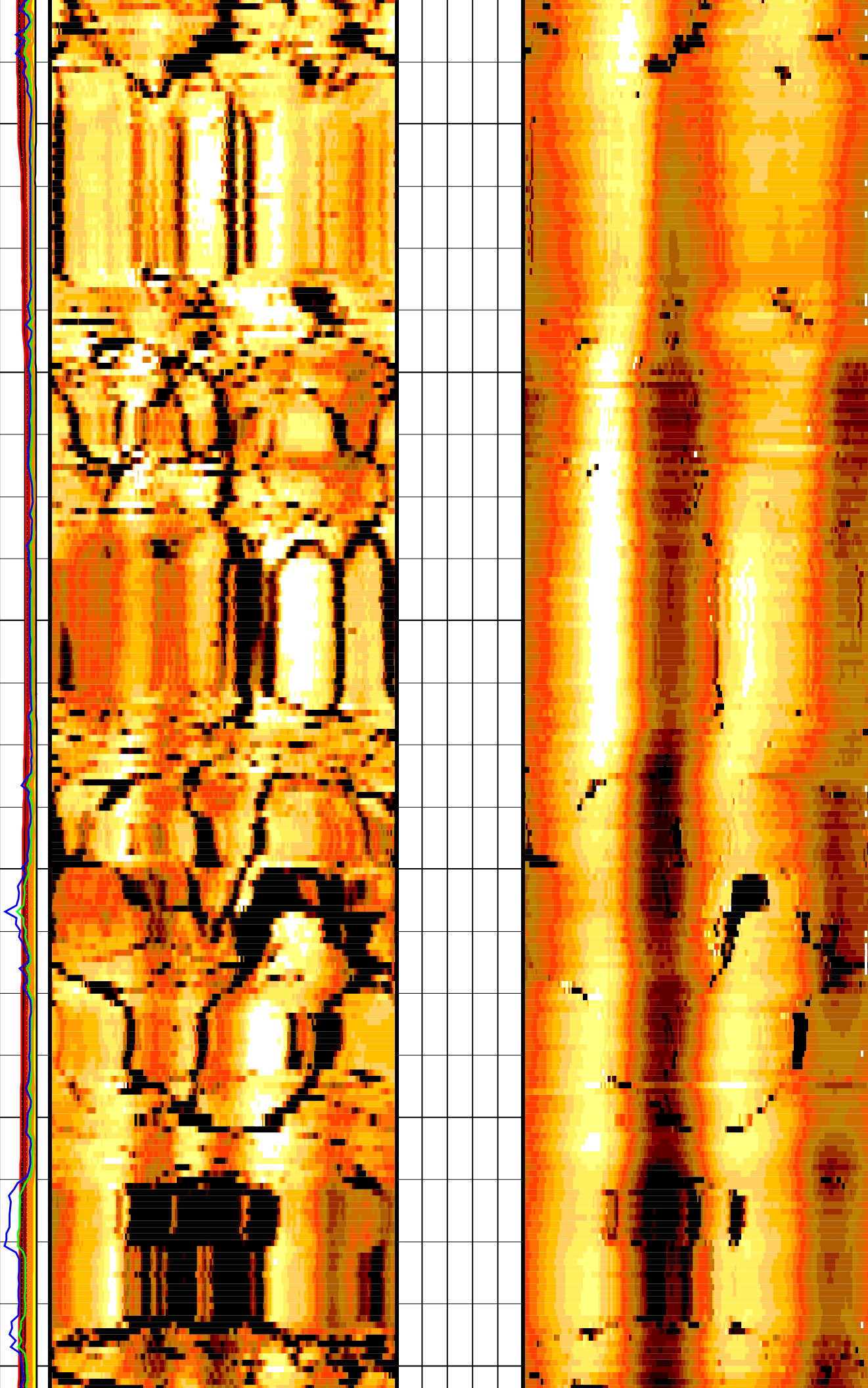
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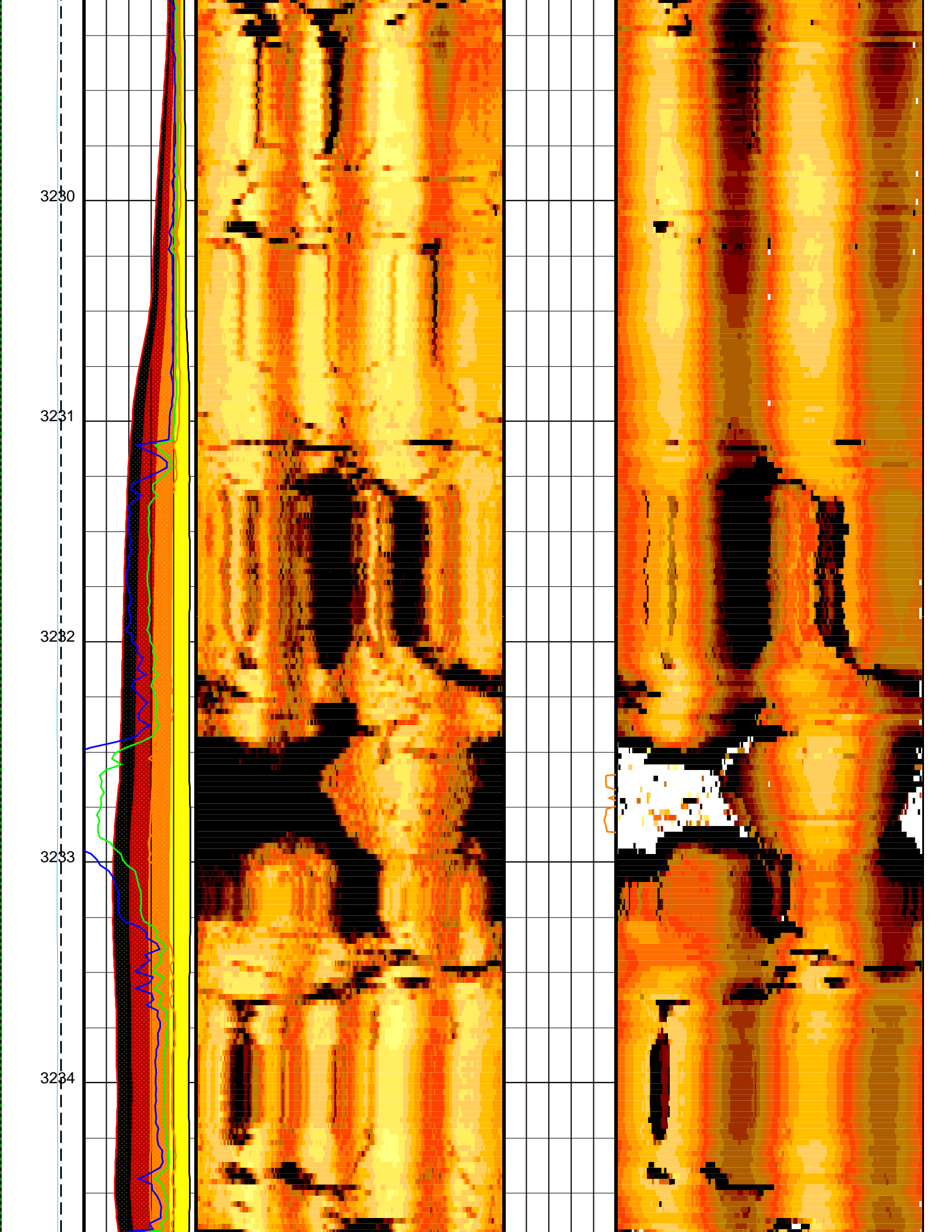
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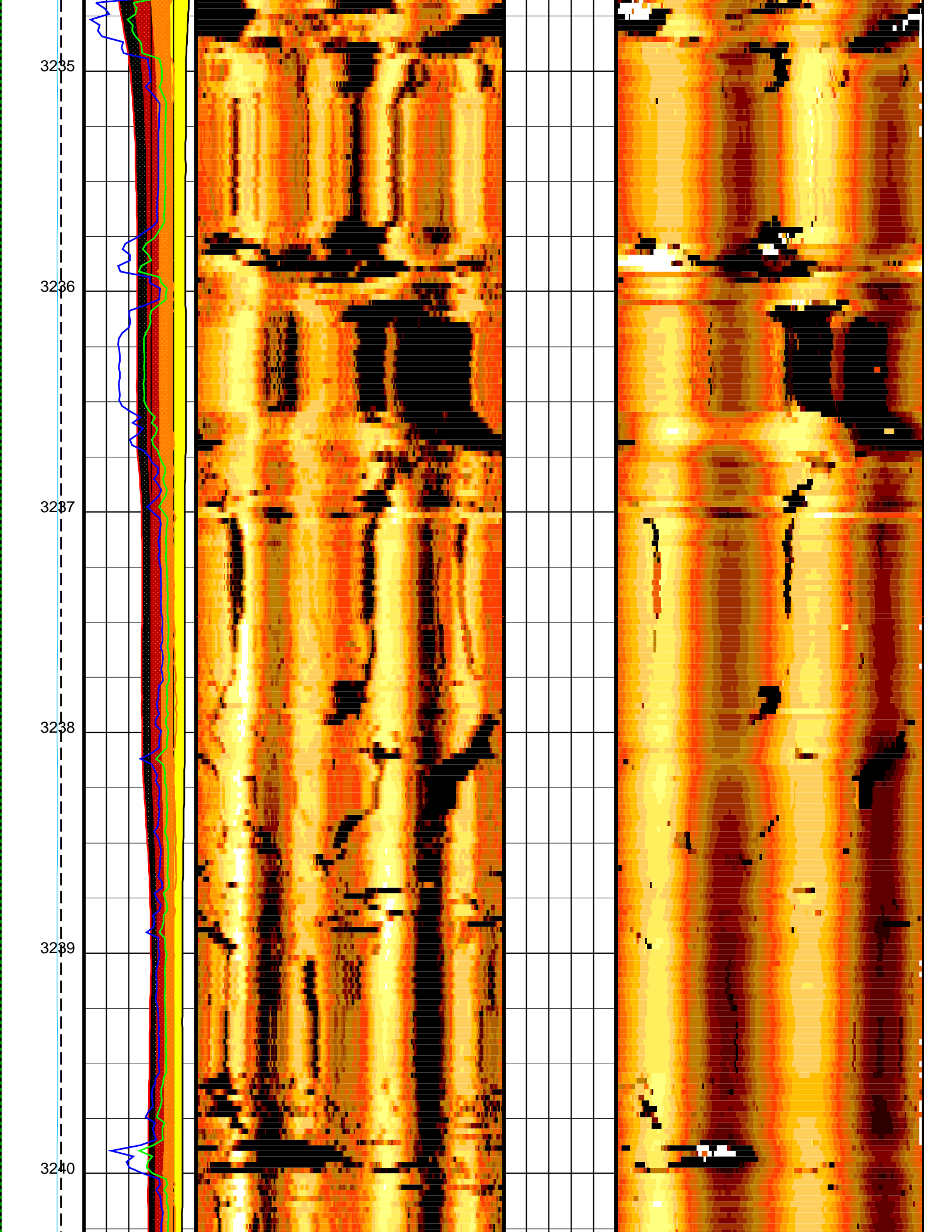
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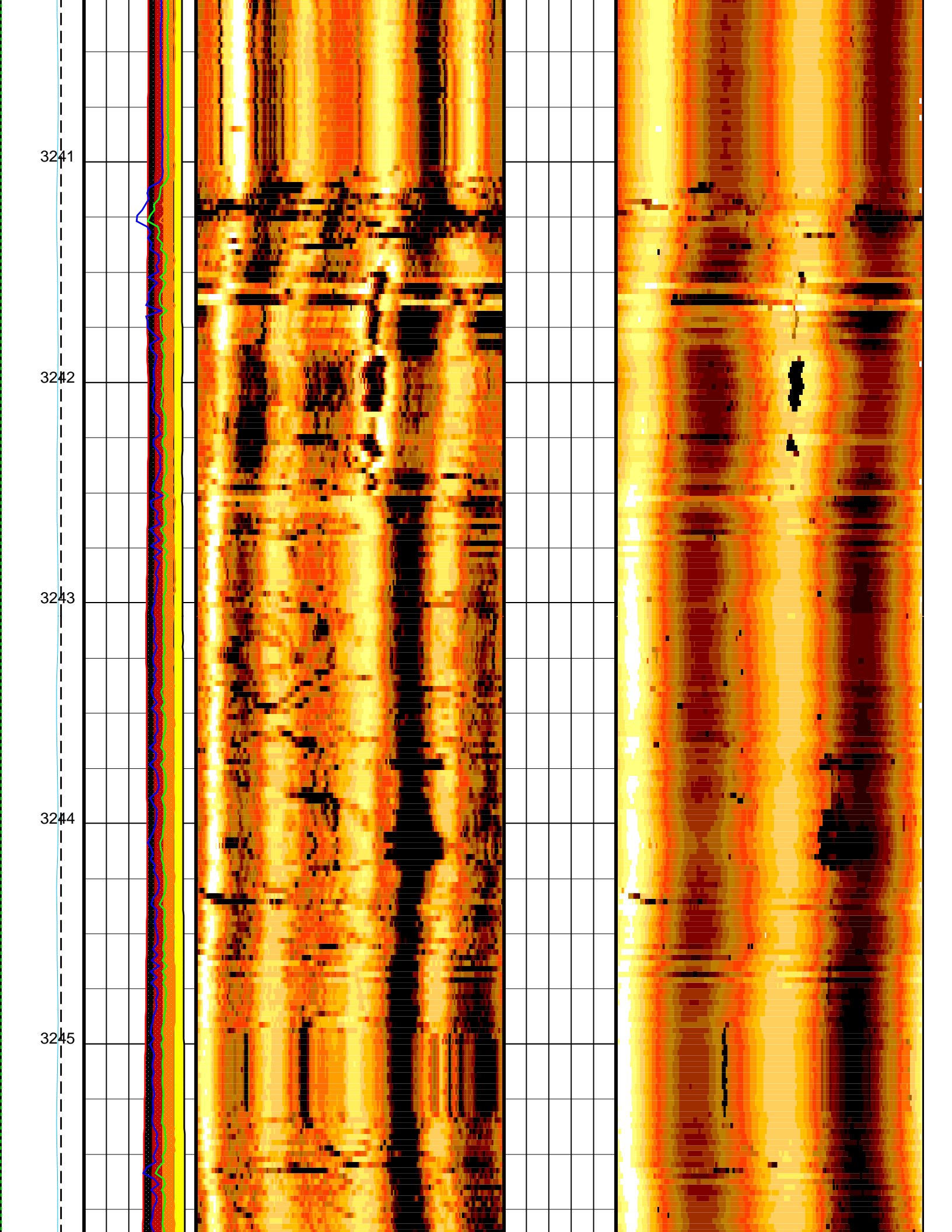
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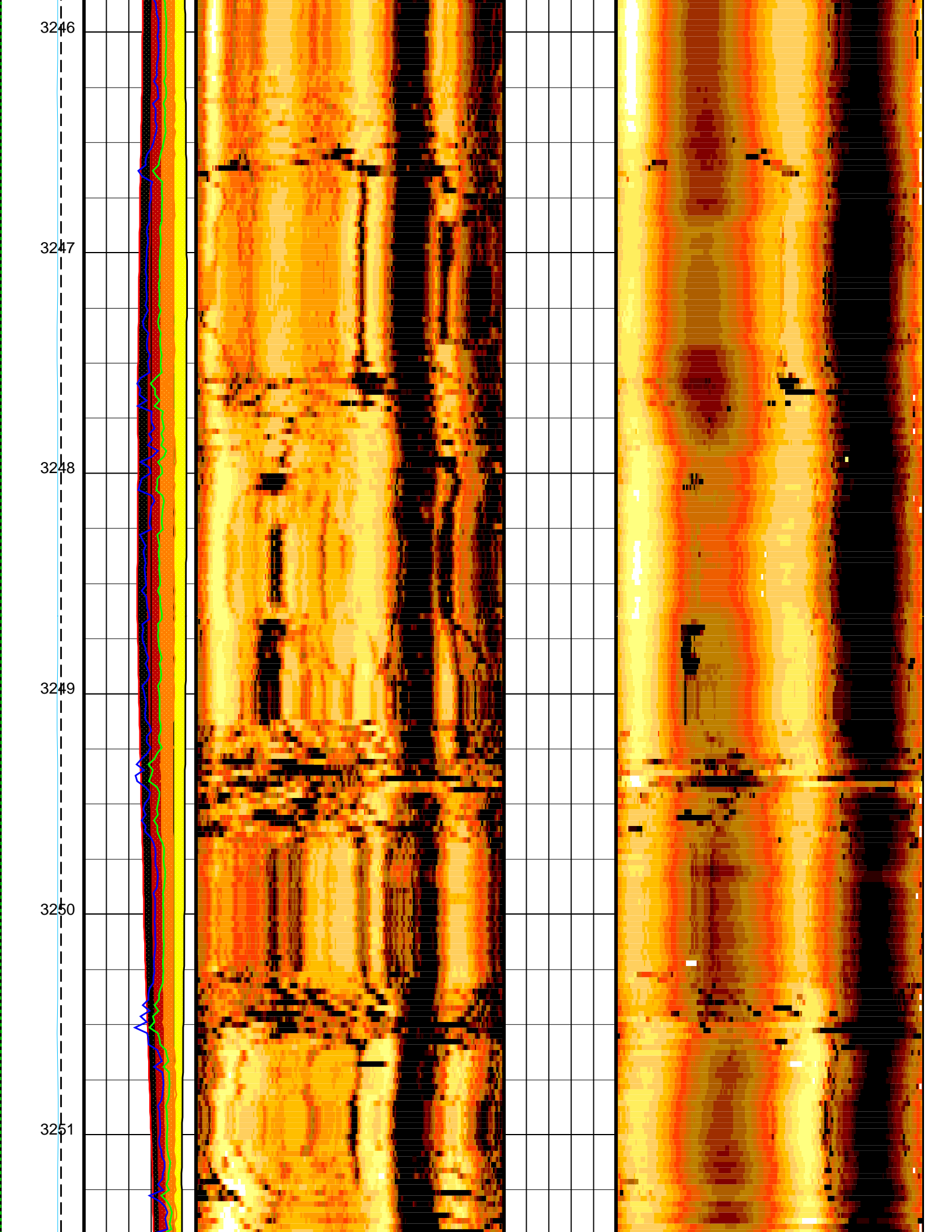
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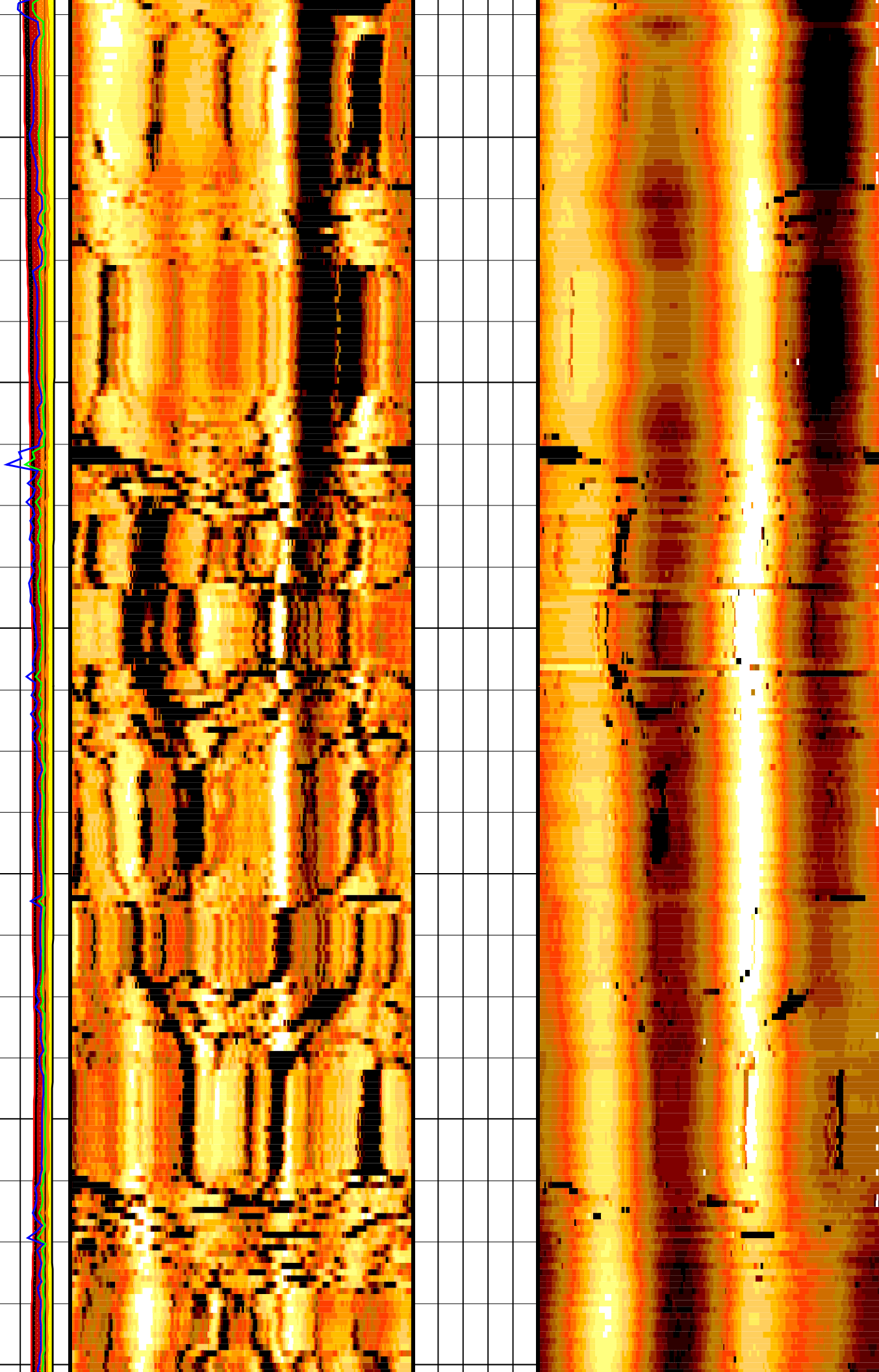
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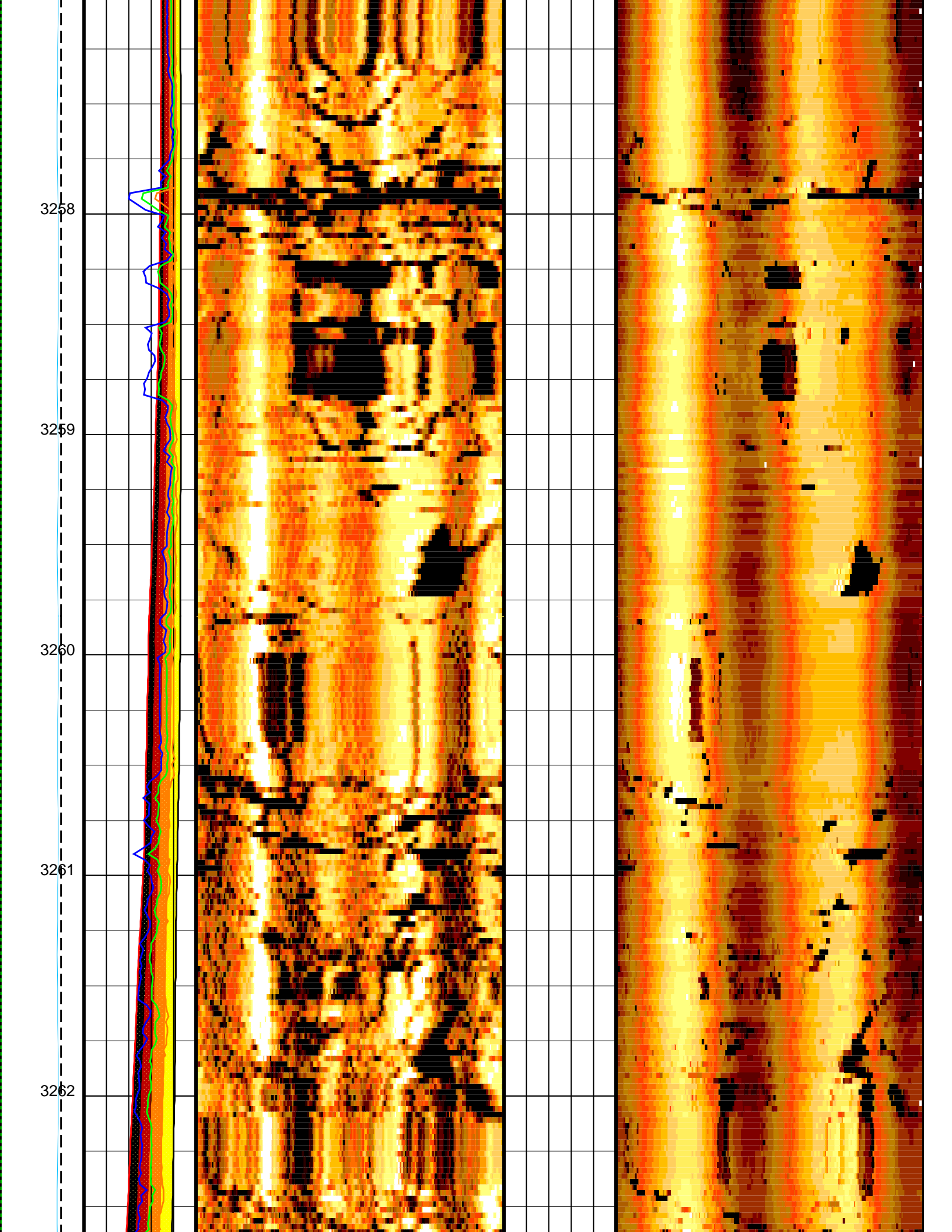
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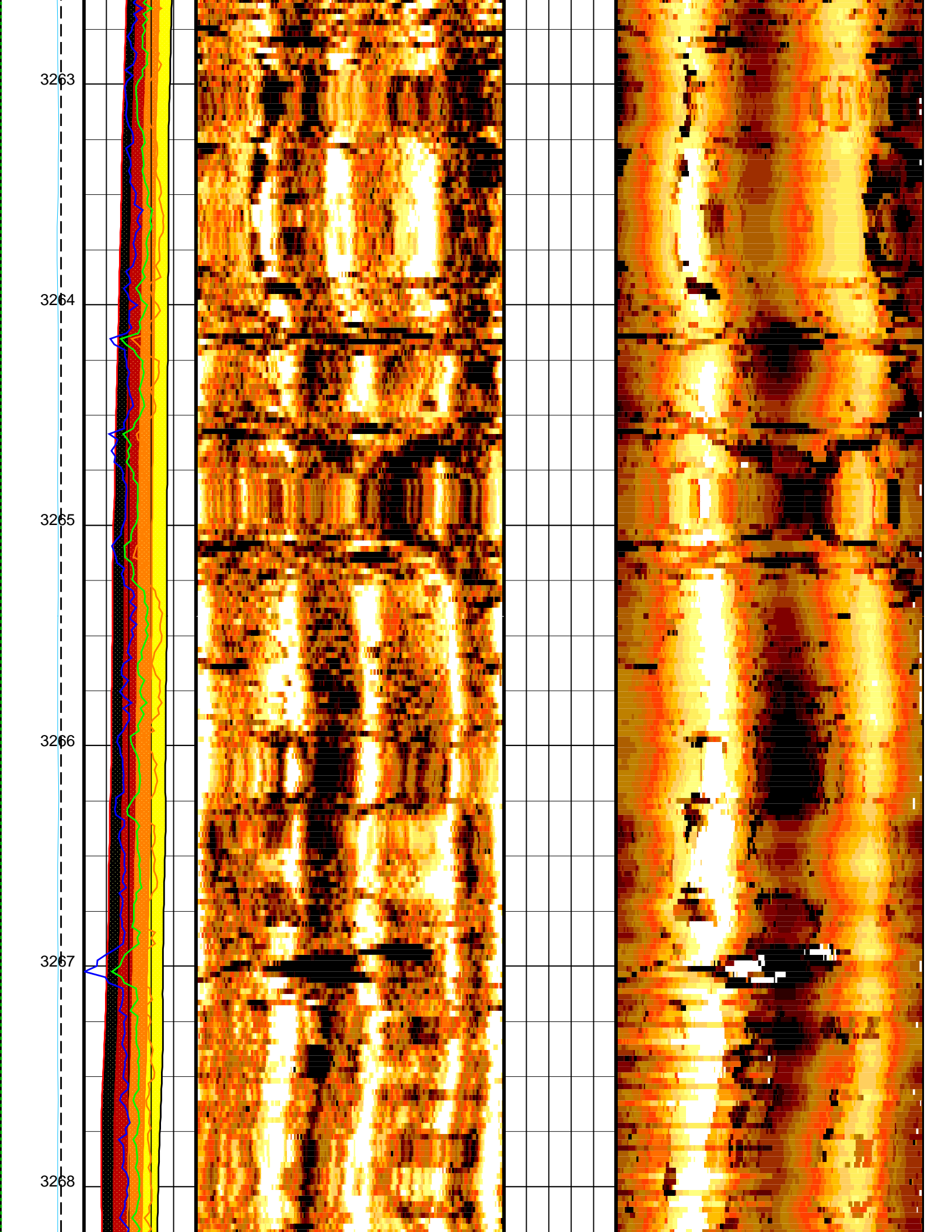
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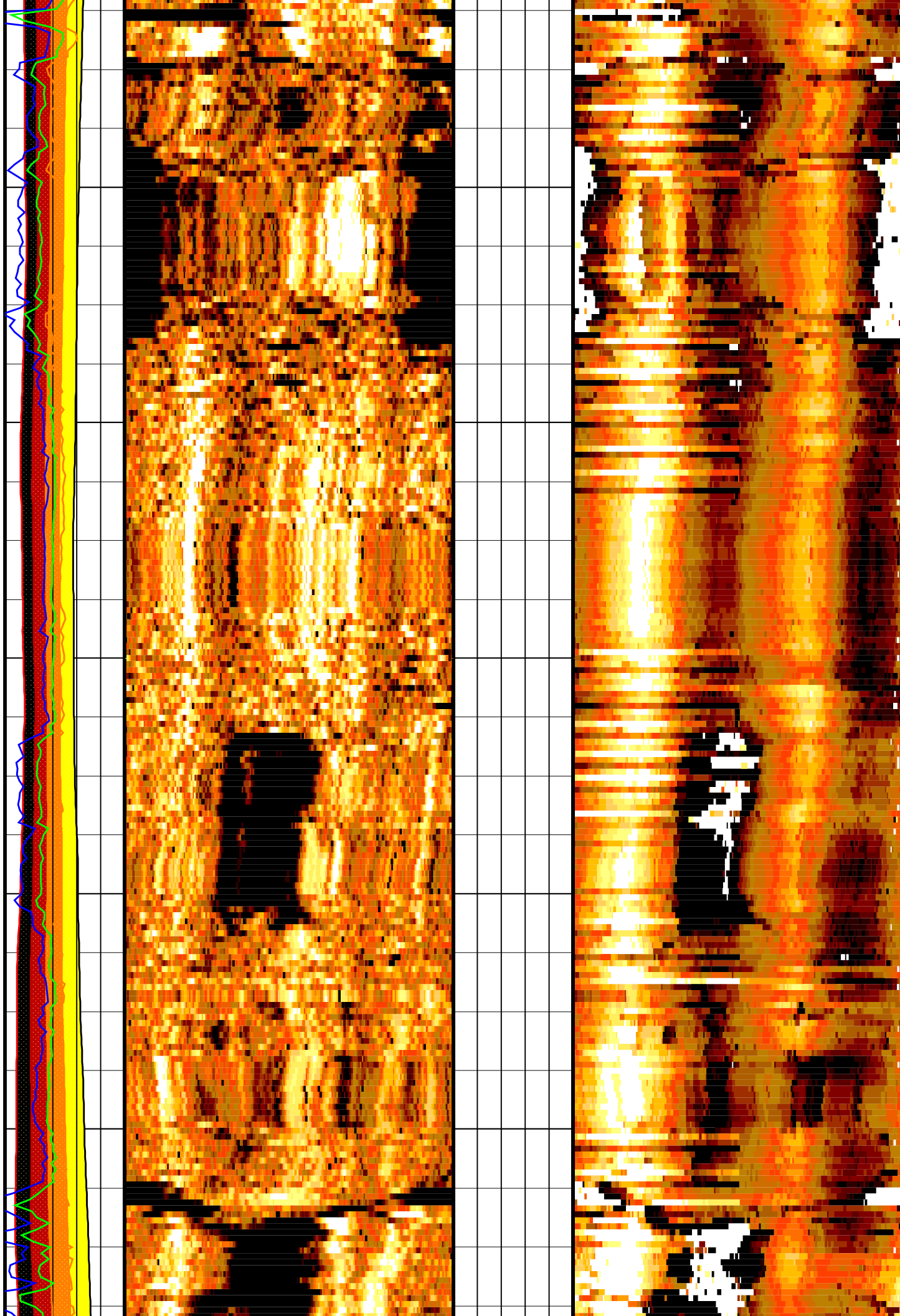
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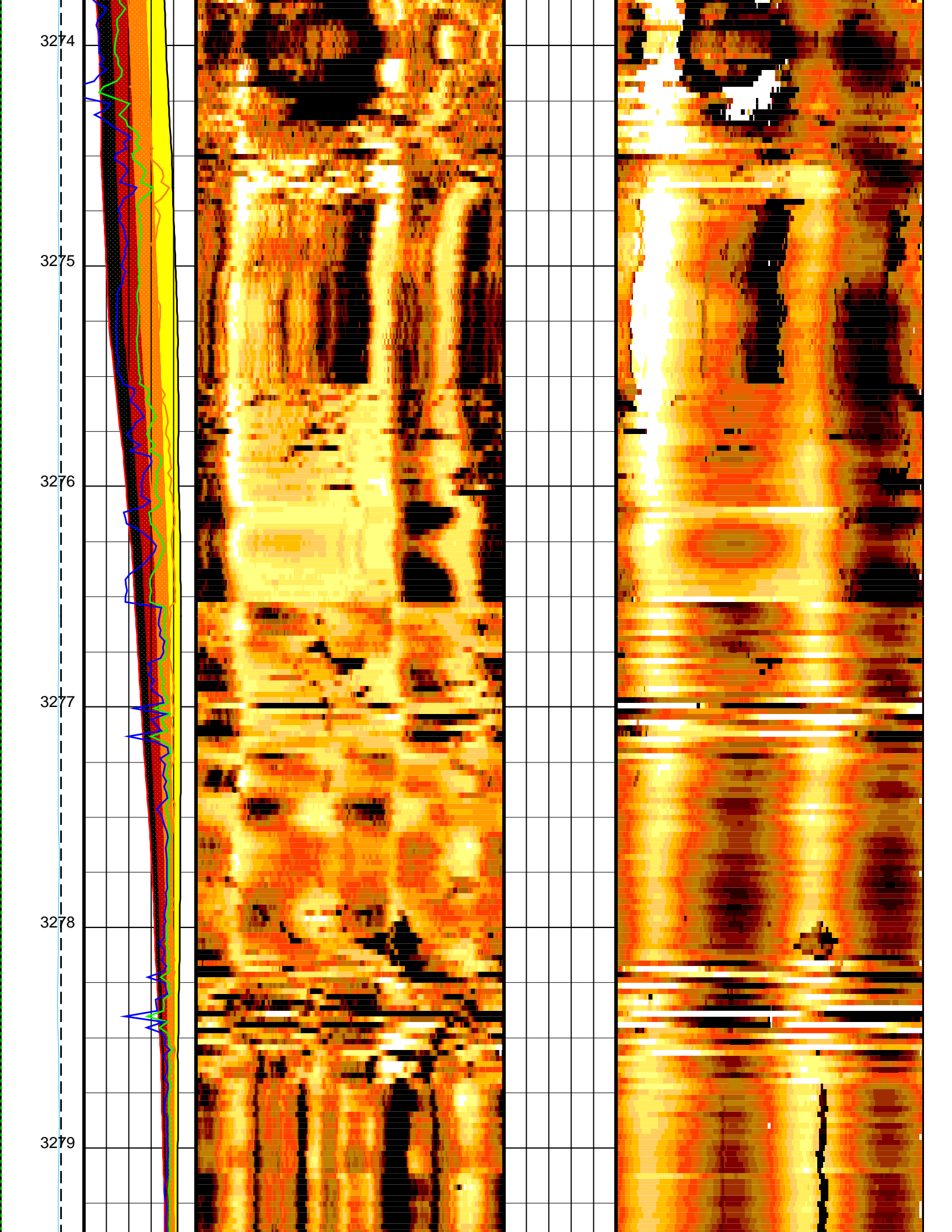
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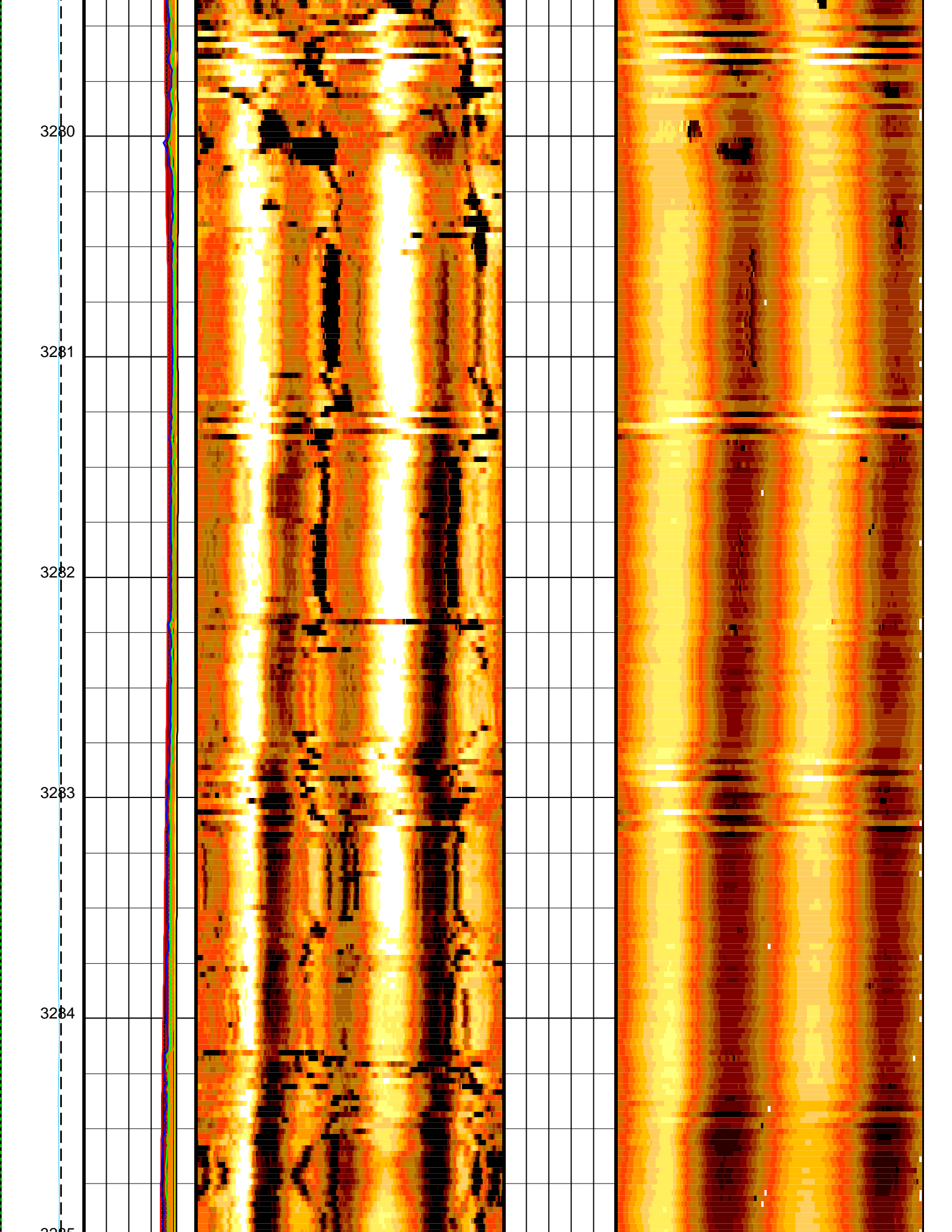
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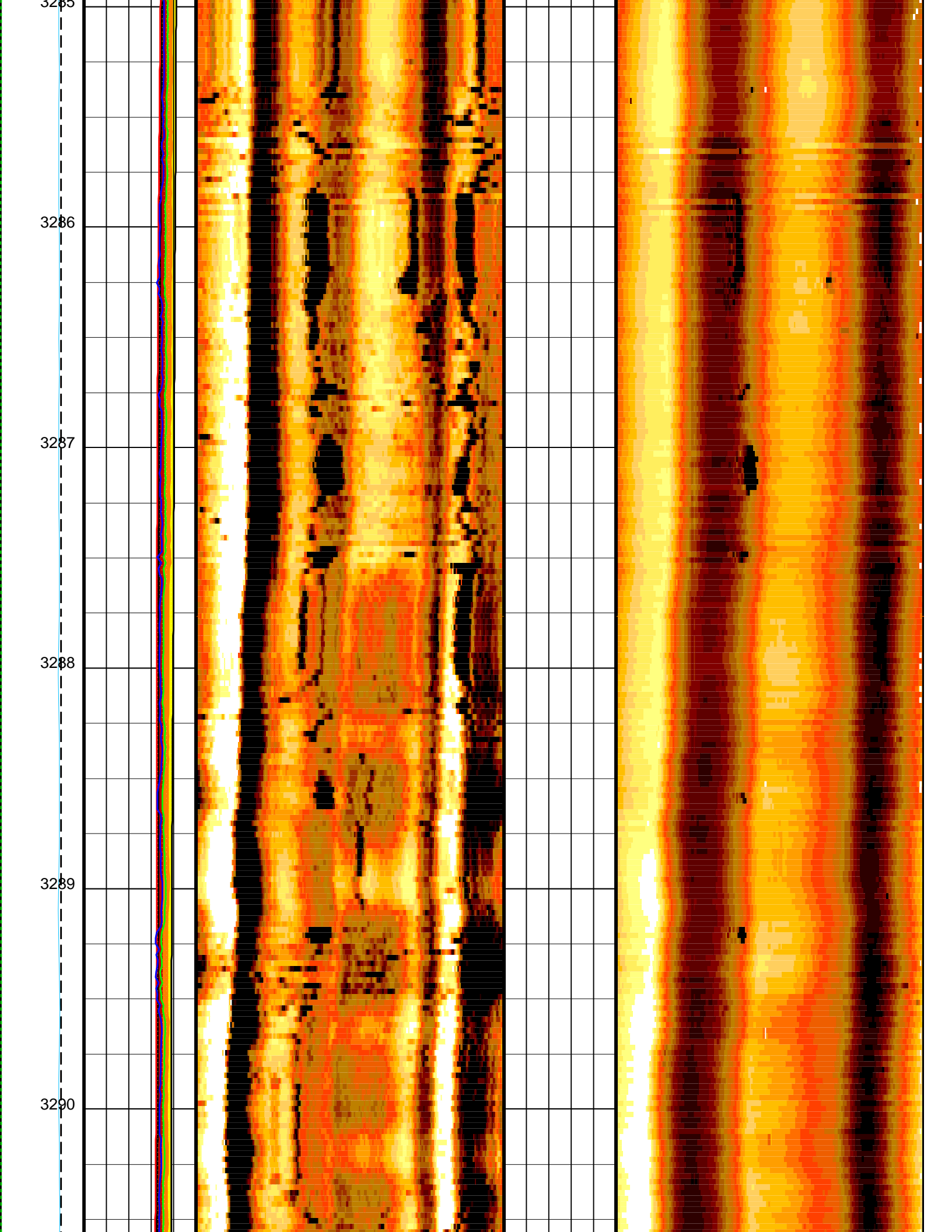
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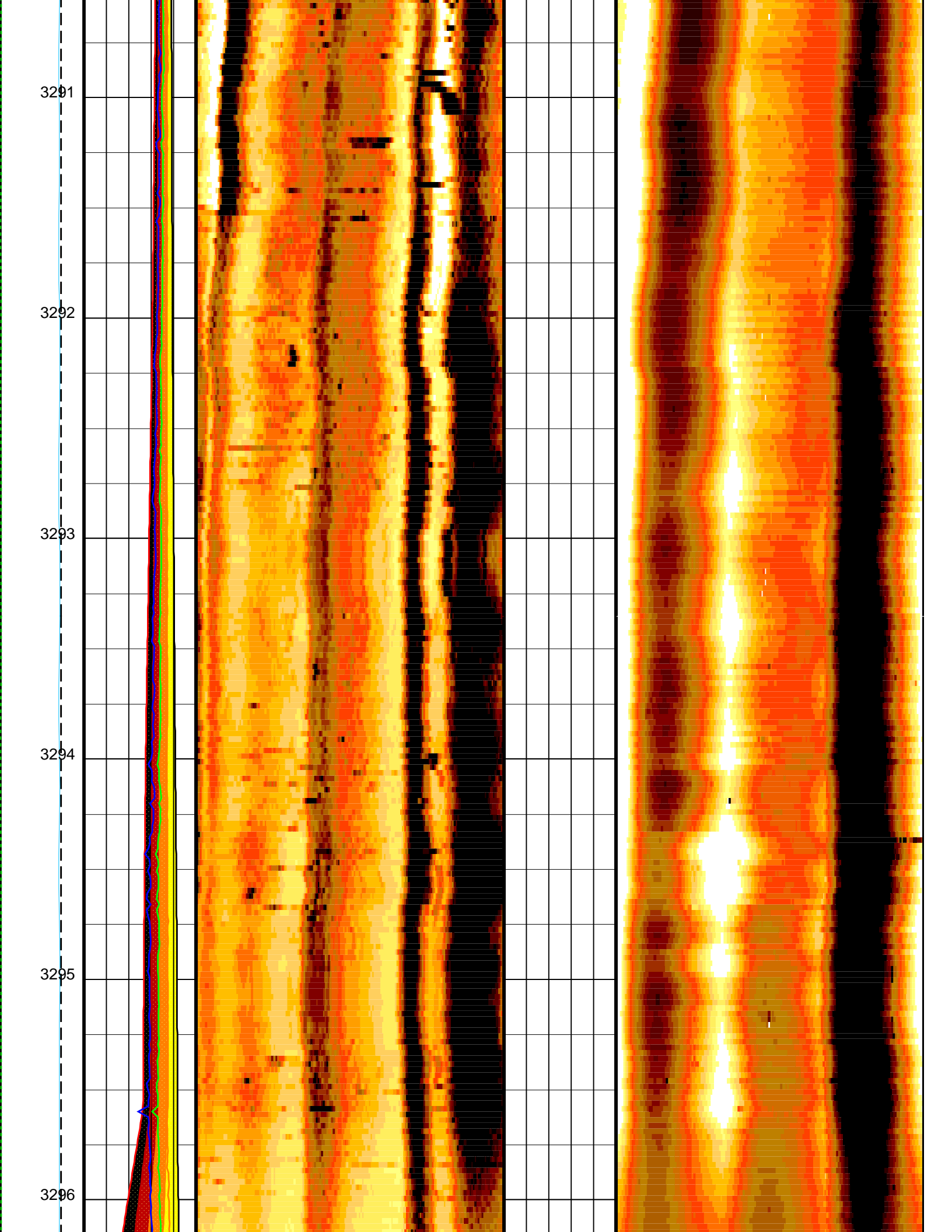
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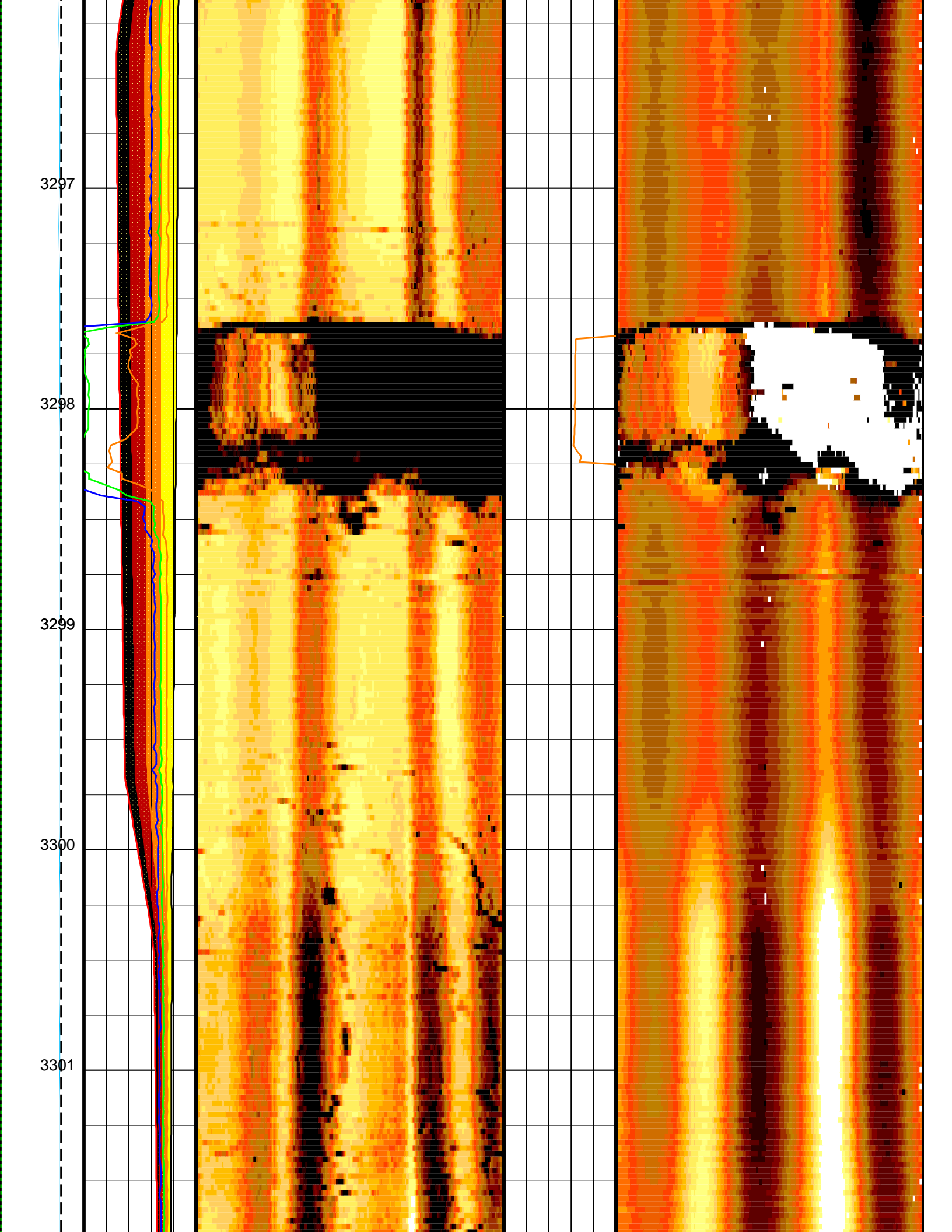


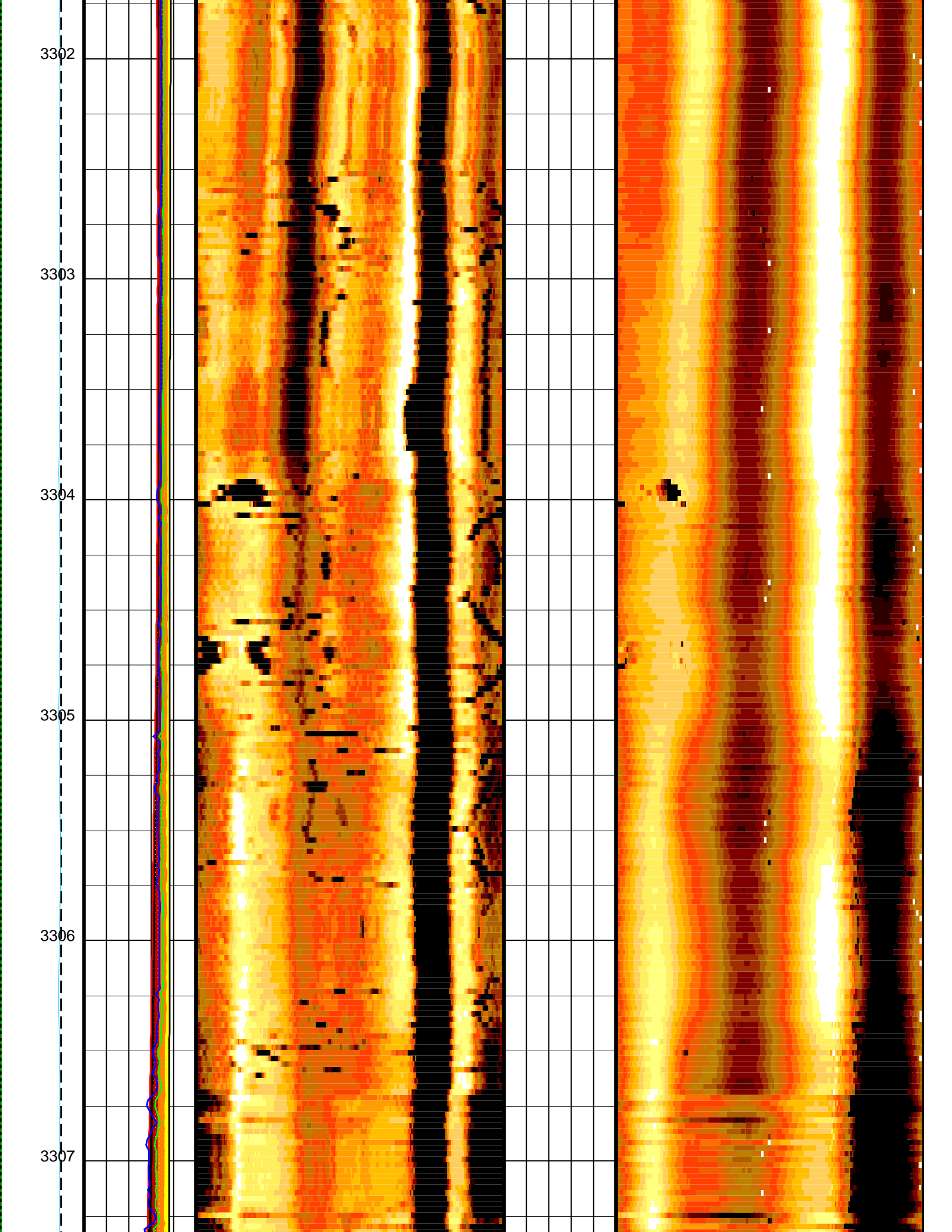


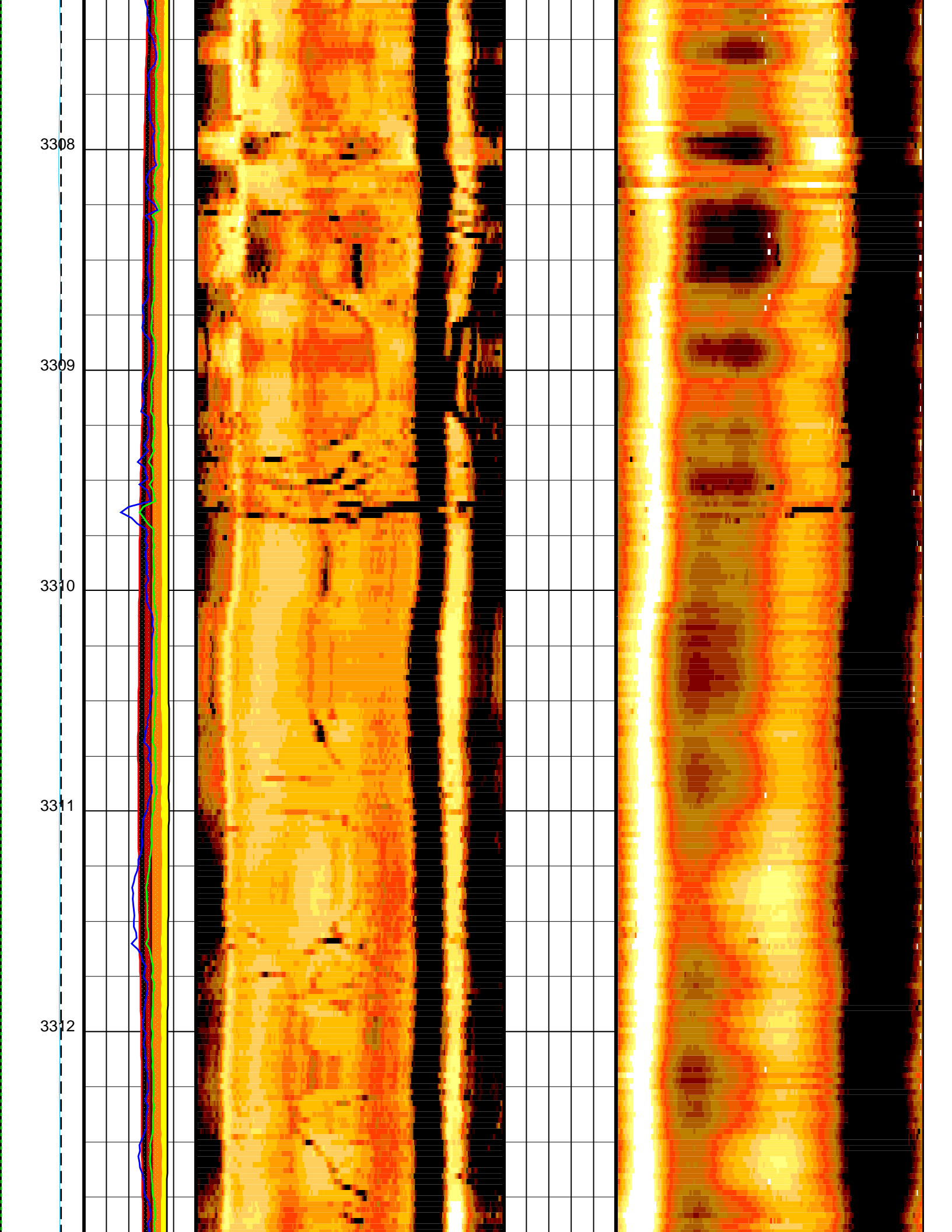


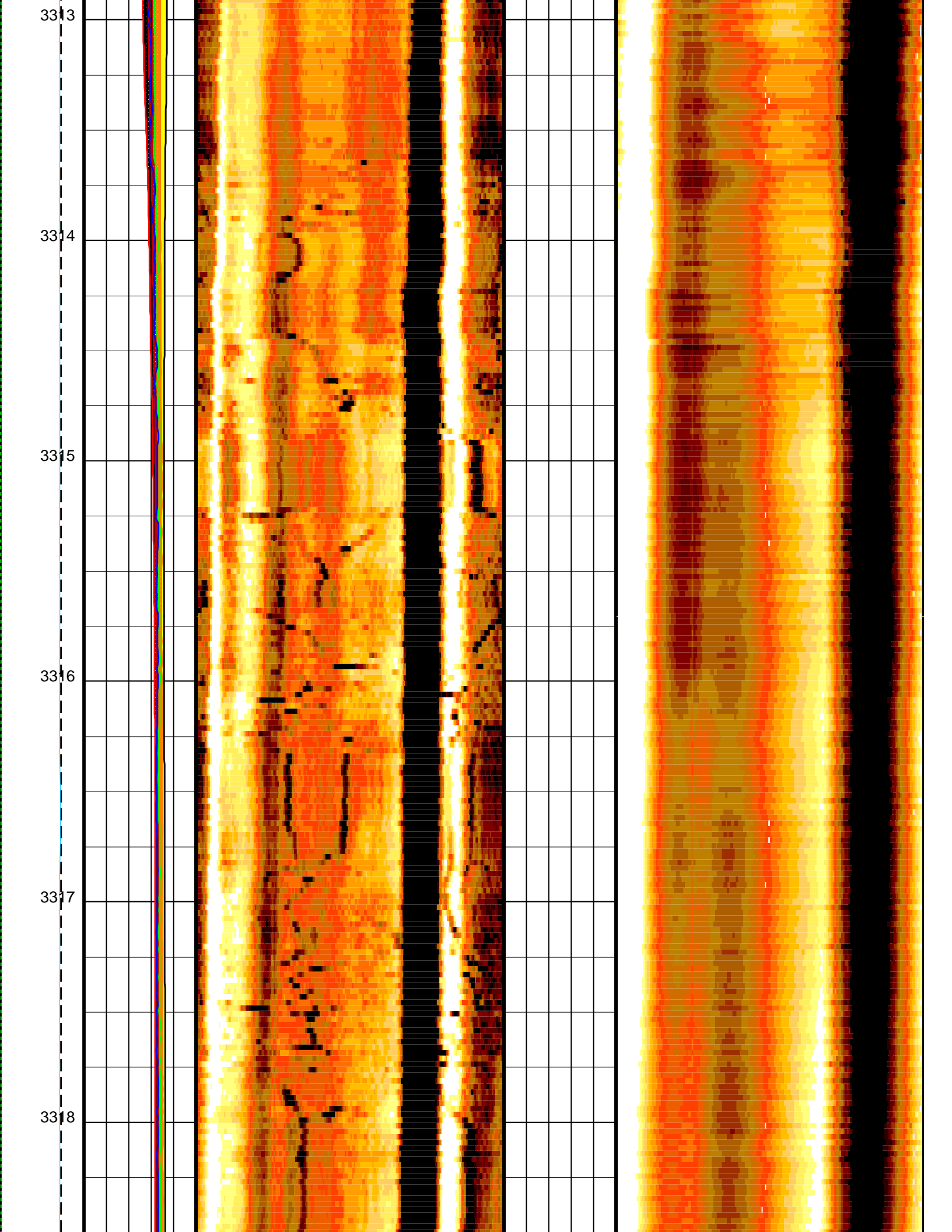


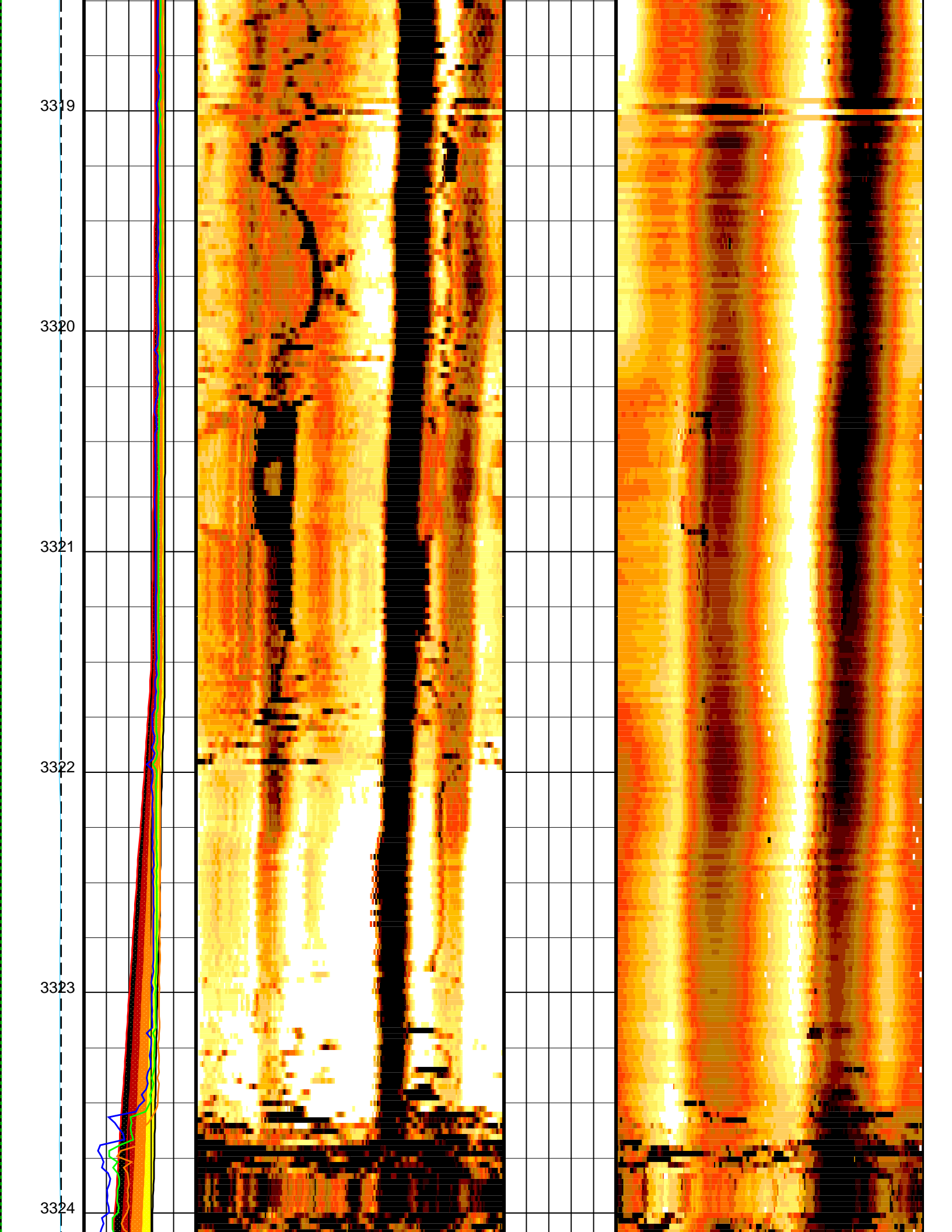


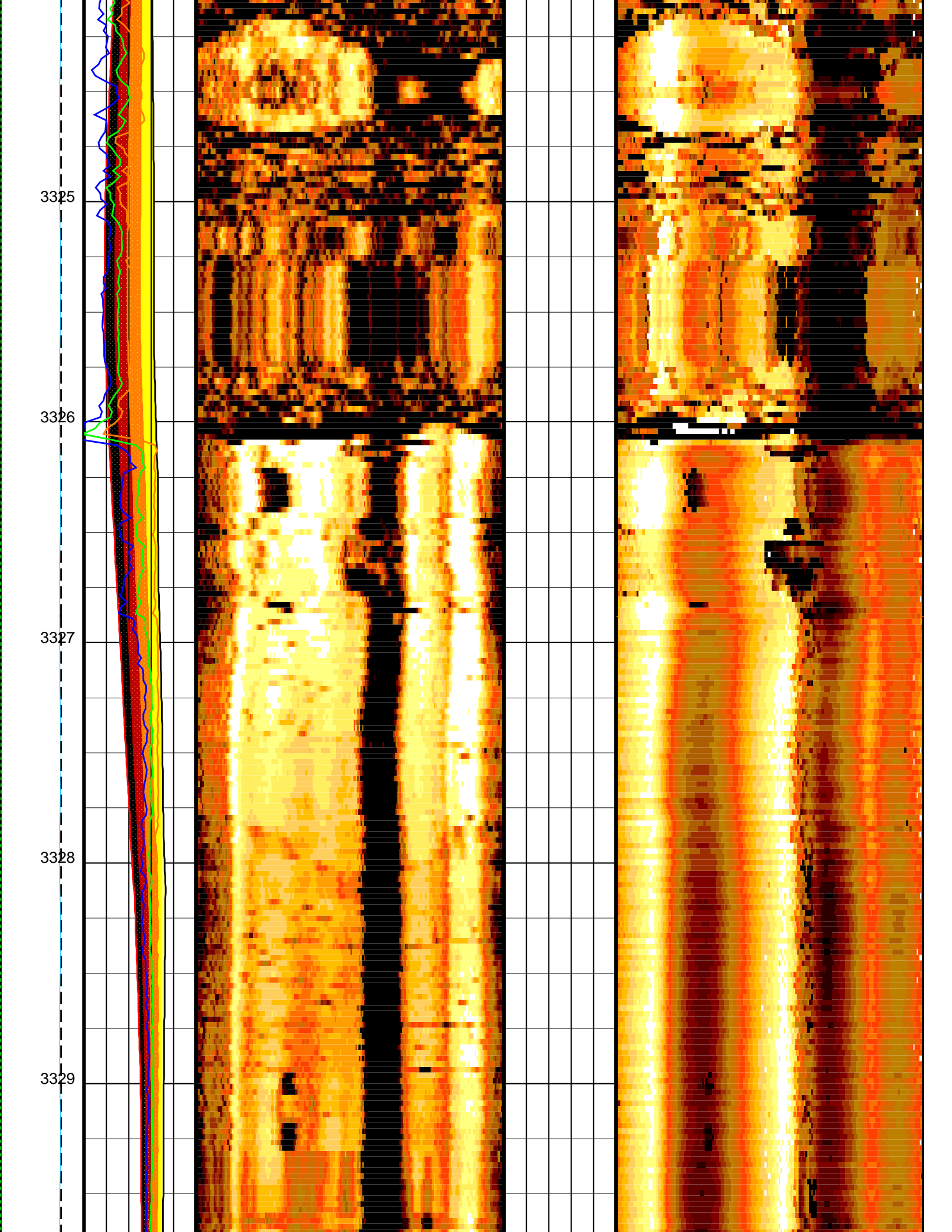


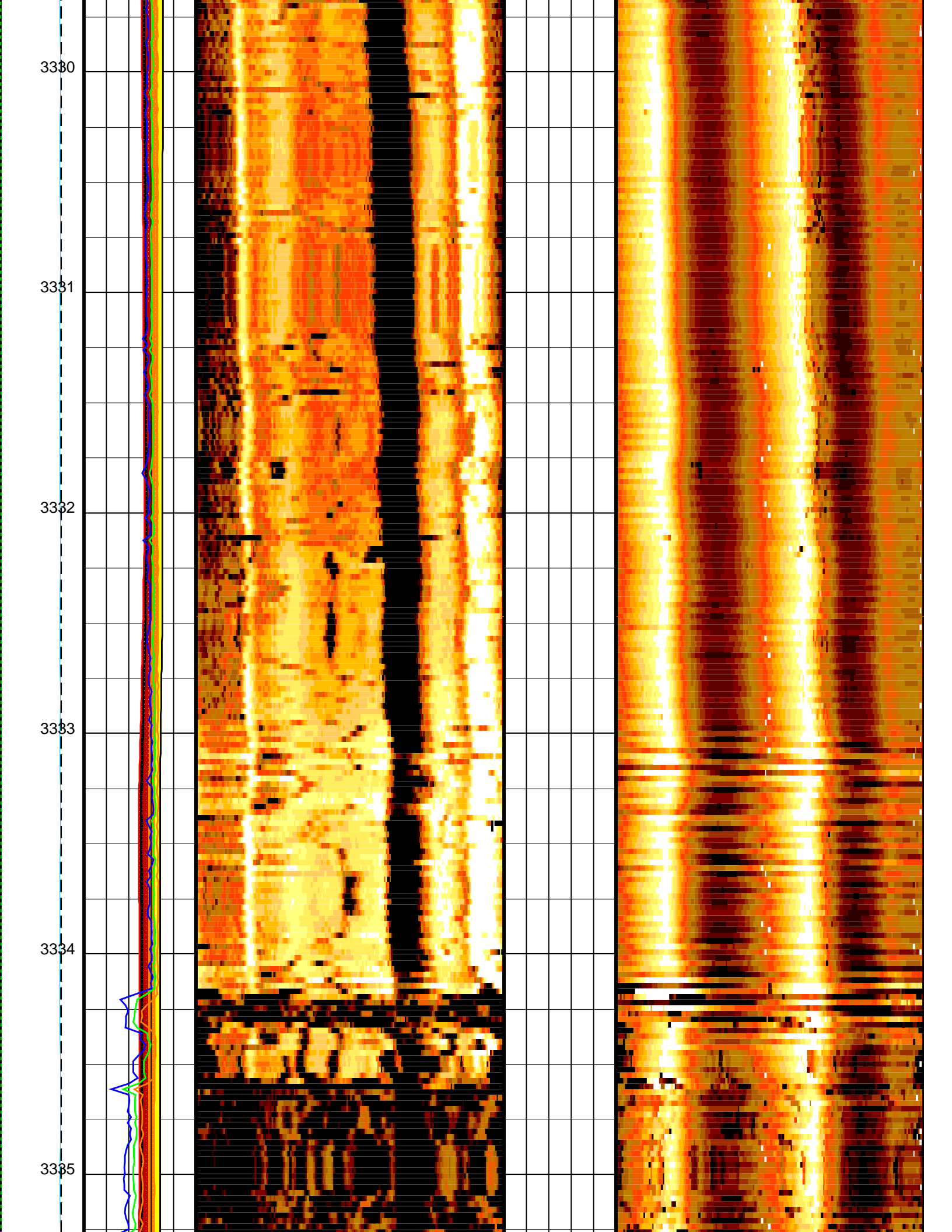


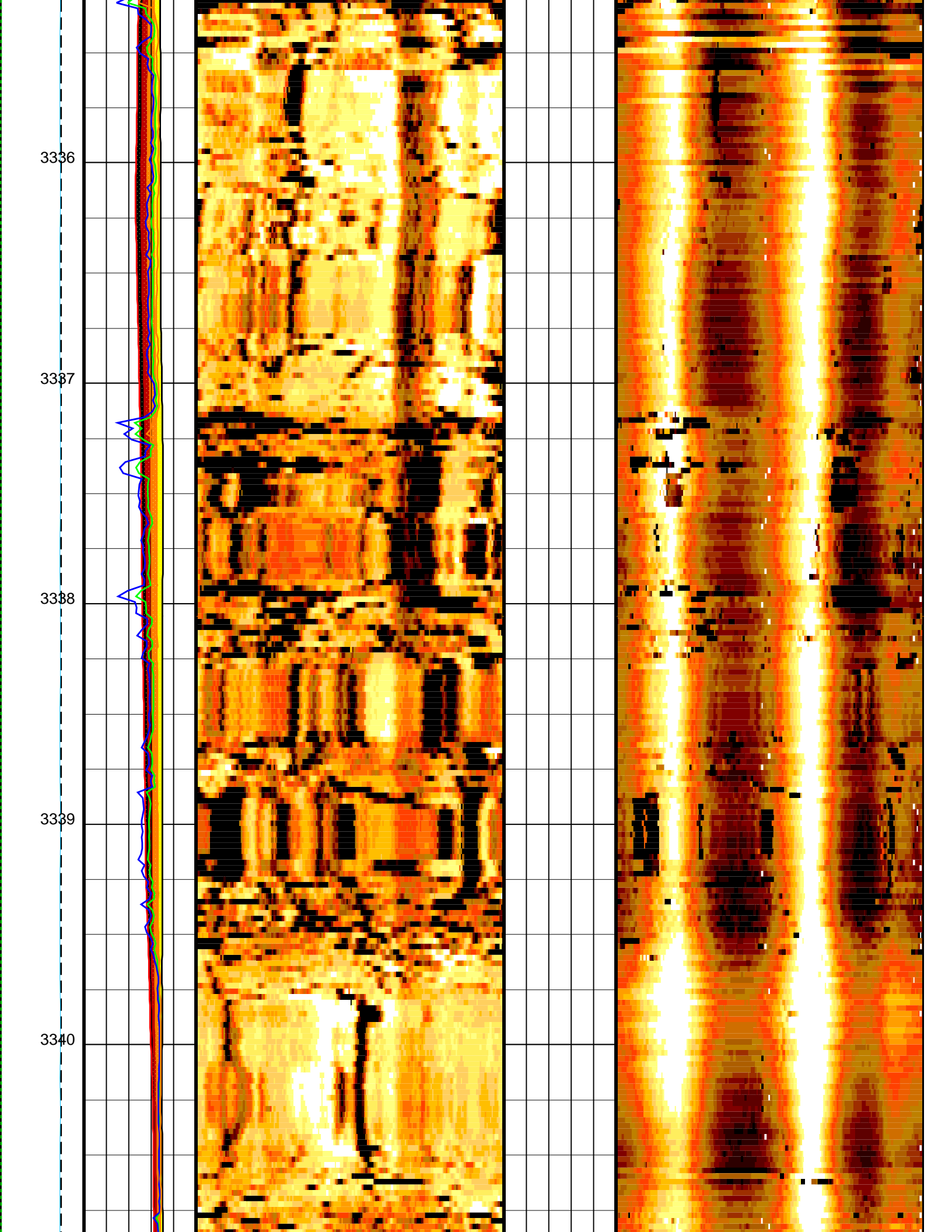












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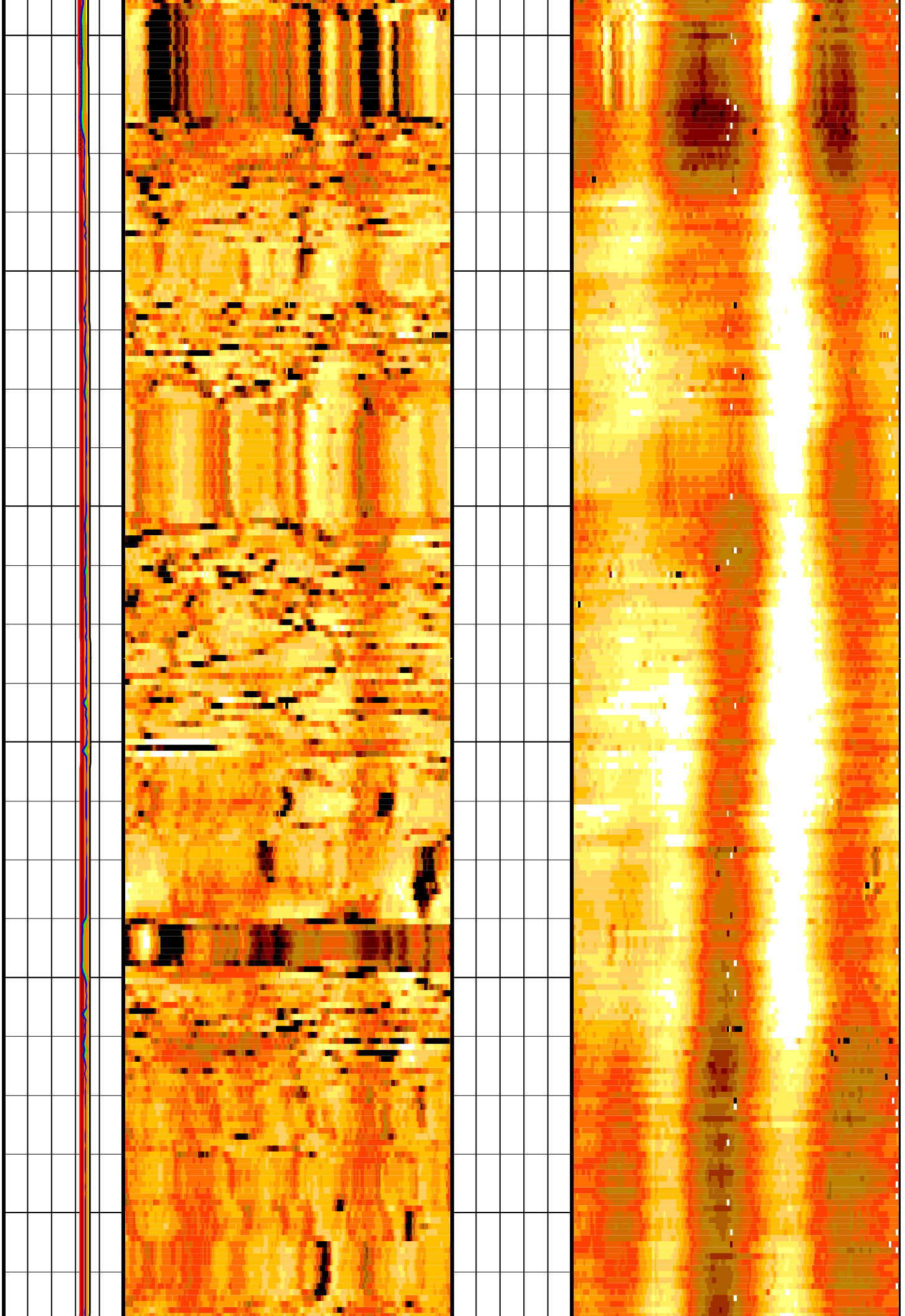
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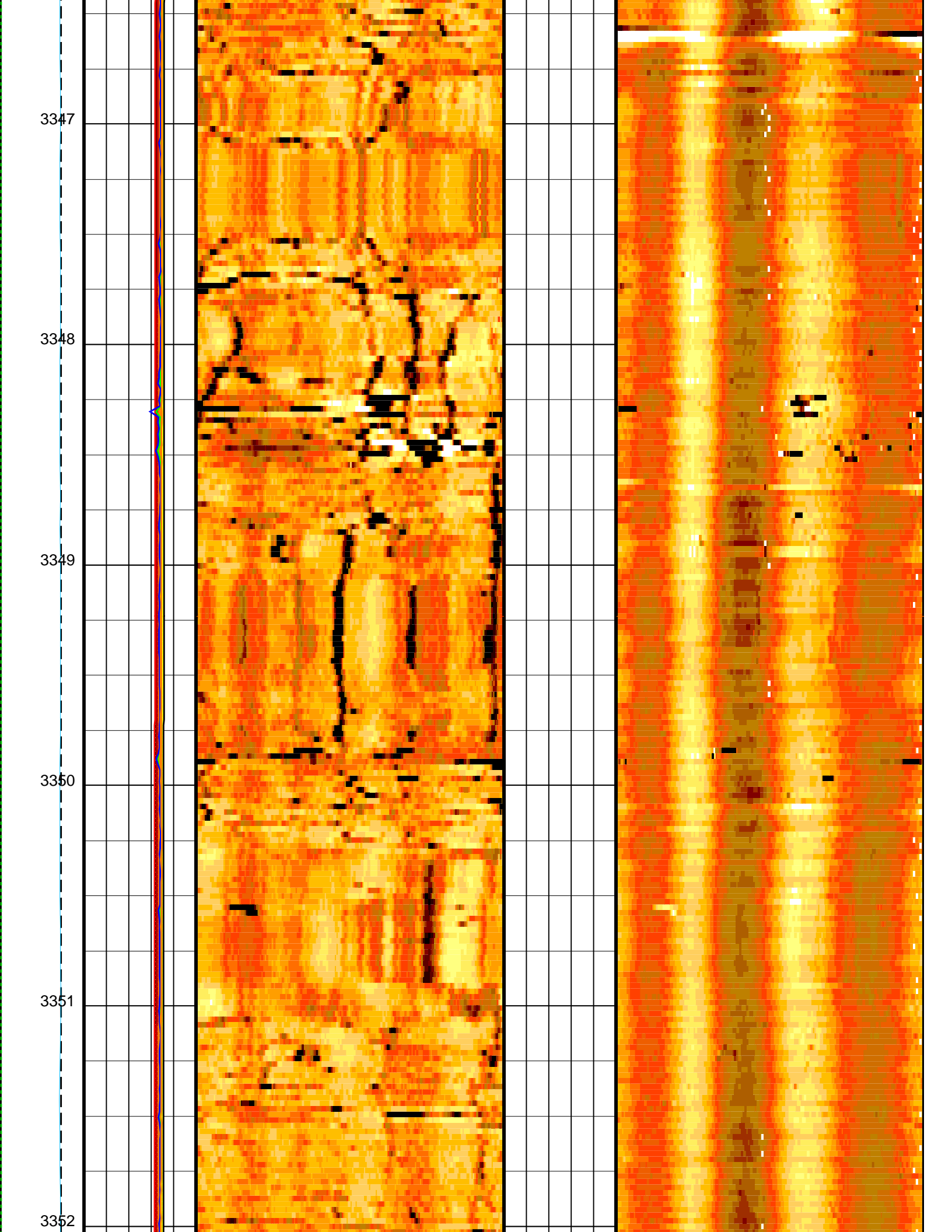
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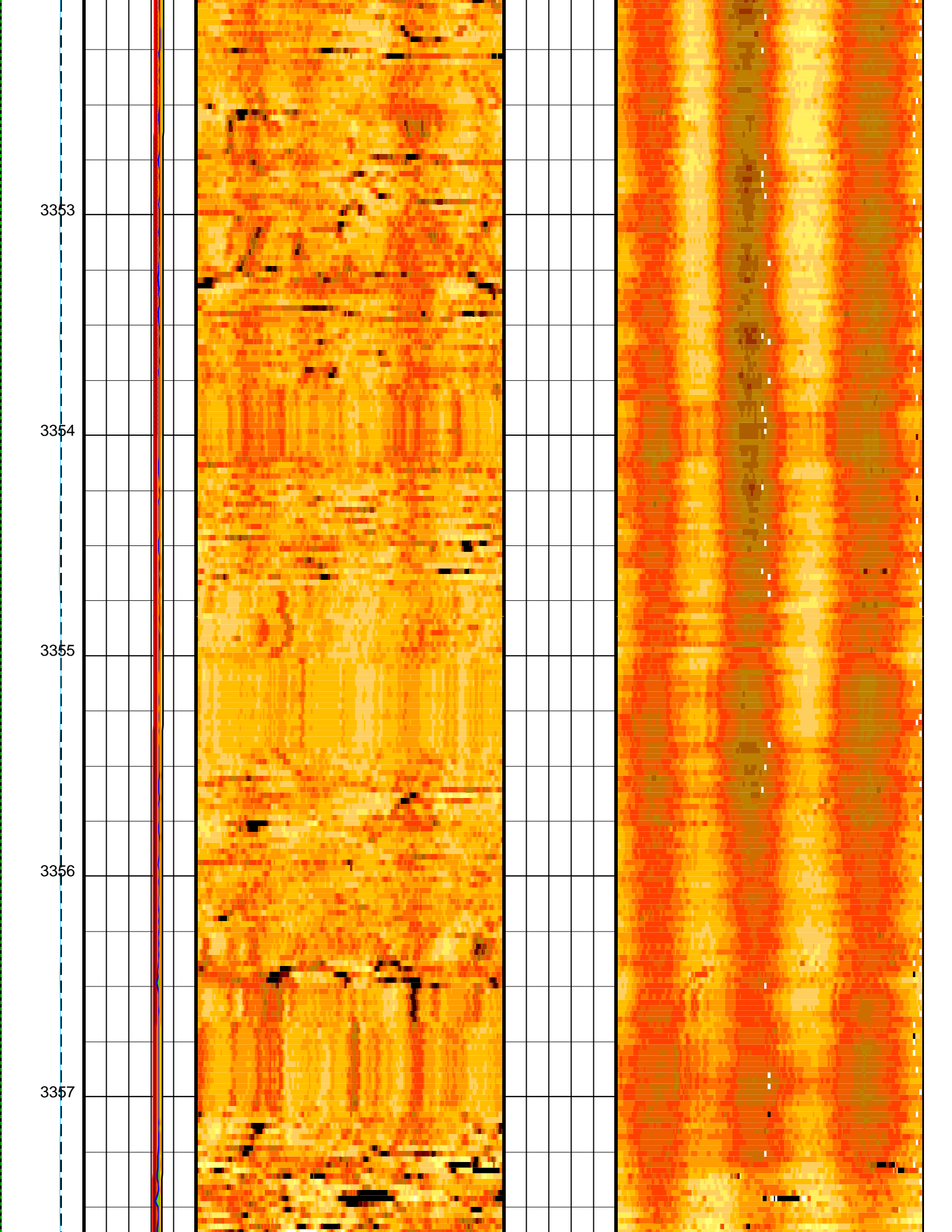
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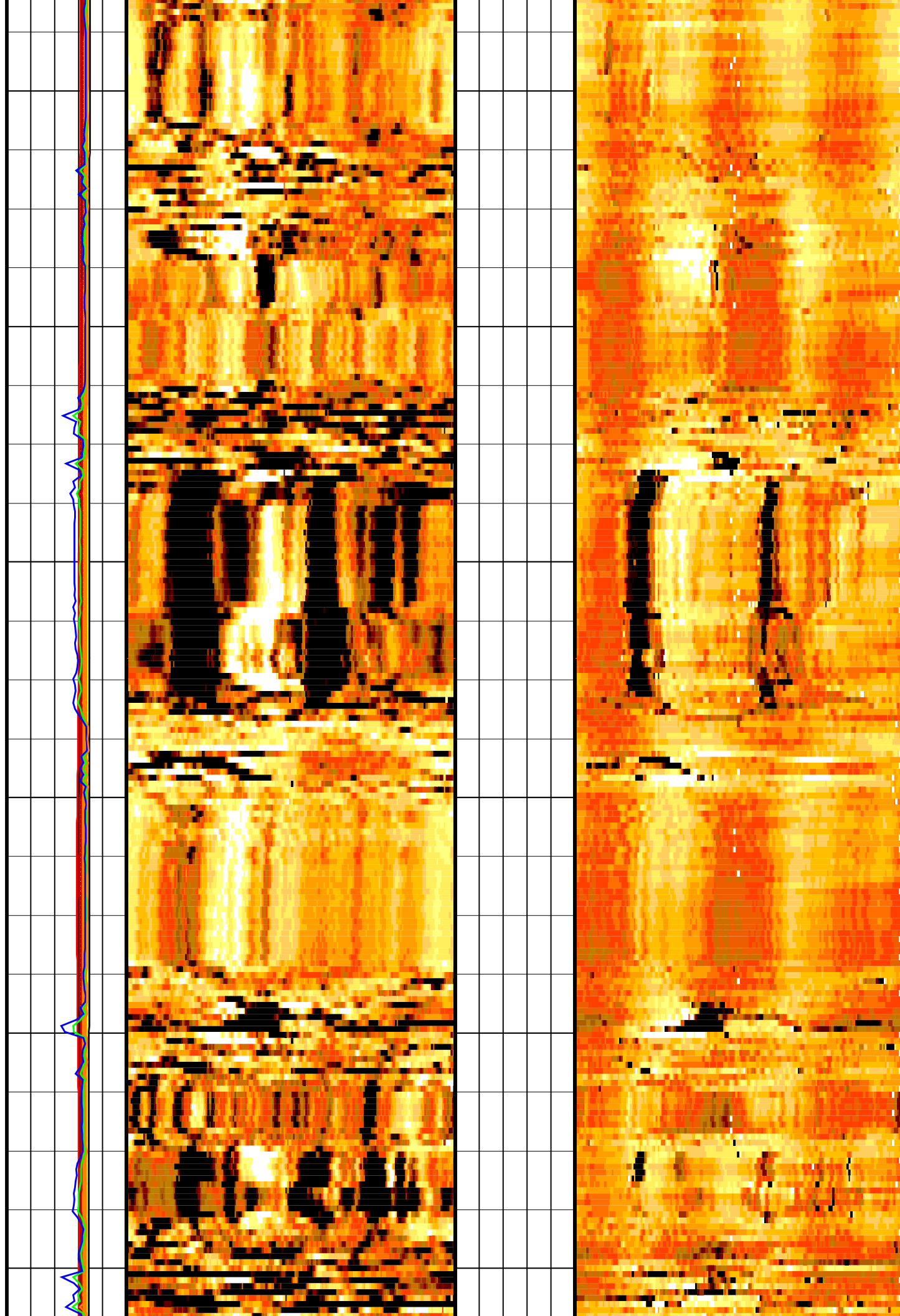
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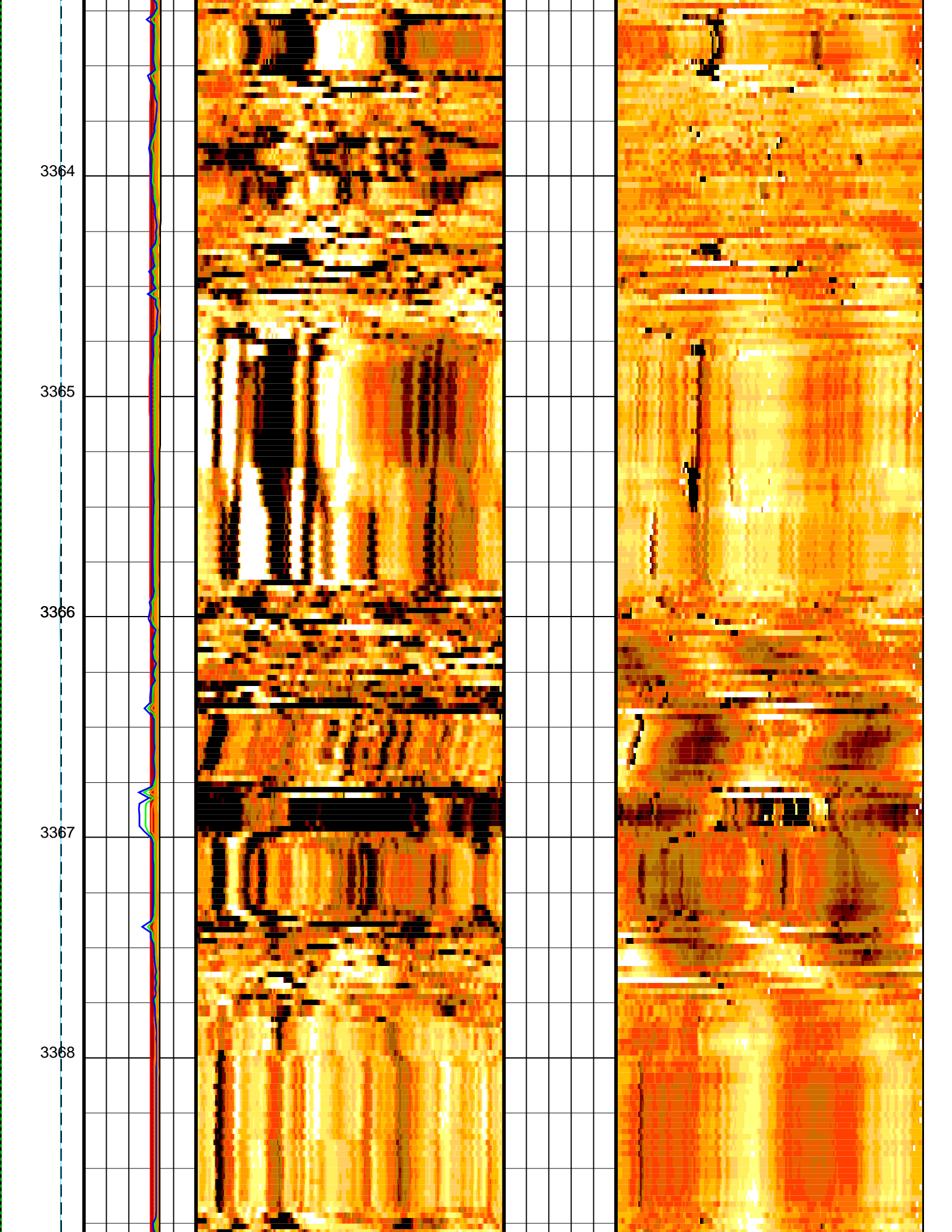
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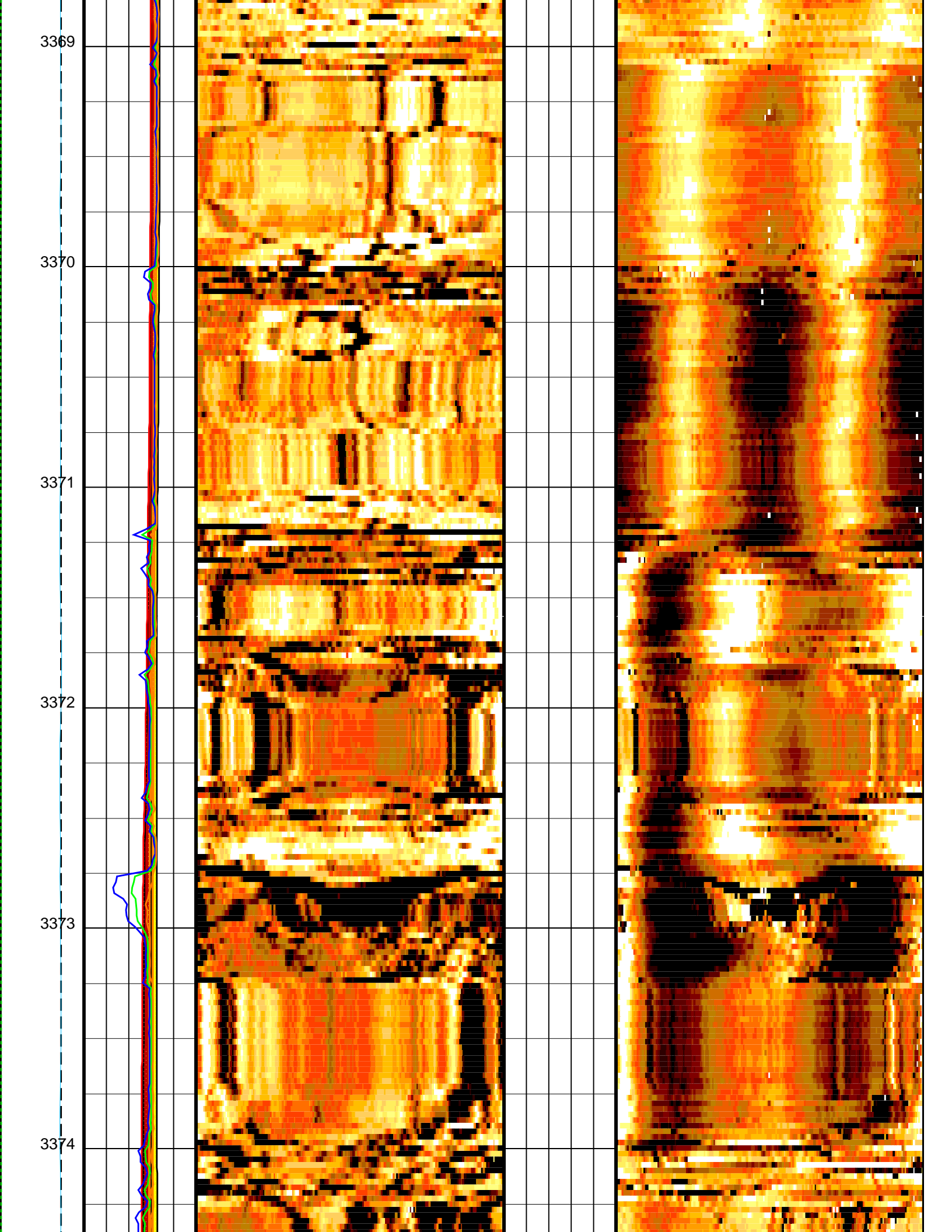
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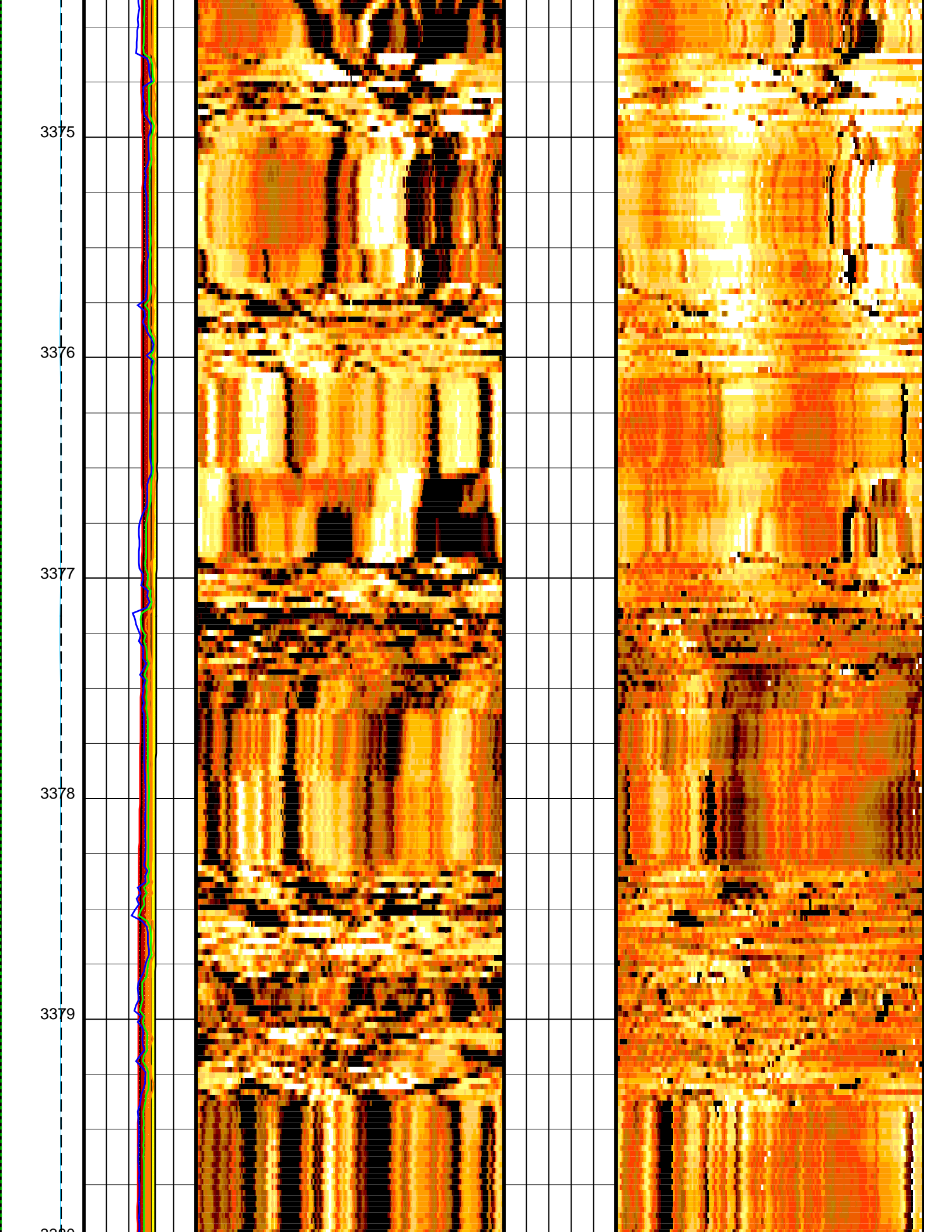
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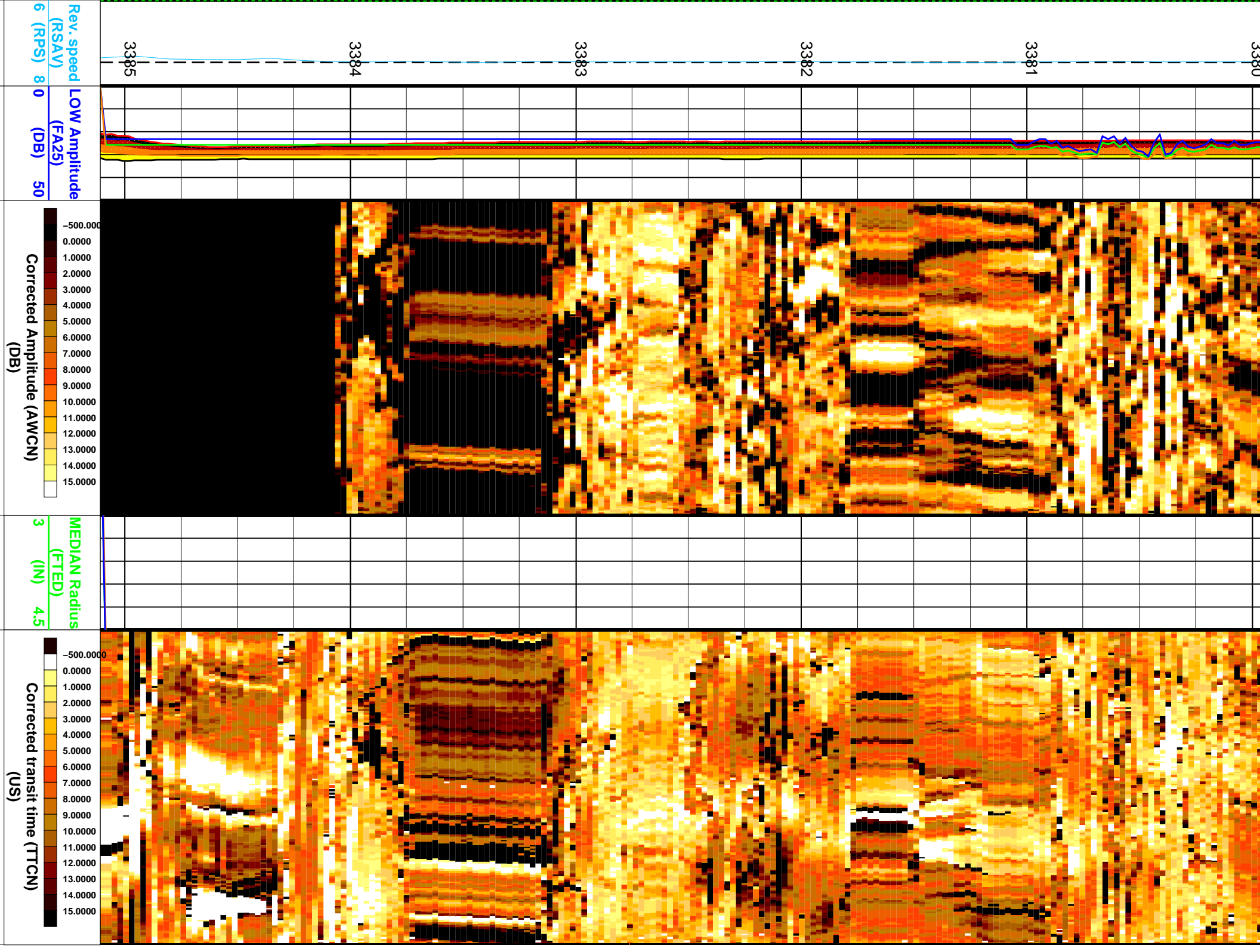
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Cable Speed (CS) (M/HR)	Min. of Amplitude (UAMN)	Radius LOW (FT25)
0 150000	0 (DB) 50	3 (IN) 4.5
Fluid velocity (CFVL) (US/M)	Maximum of Amplitude (UAMX)	Radius HIGH (FT75)
450 750	0 (DB) 50	3 (IN) 4.5
	MEDIAN of Amplitude (FAED)	Radius min (UTMN)
	0 (DB) 50	3 (IN) 4.5
	HIGH Amplitude (FA75)	Radius max (UTMX)
	0 (DB) 50	3 (IN) 4.5

Format: UBI_Image

Vertical Scale: 1:20

Graphics File Created: 10–Aug–2023 12:55

OP System Version: 19C0–187			
UBI–E	19C0–187	GPIT–A/B	19C0–187
DTA–A	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Parameters			
DLIS Name	Description	Value	
UBI-E: Ultrasonic Borehole Imager – E			
AAMN	Automatic Amplitude Minimum Scale	2	DB
ANGO	Angular Offset	20	DEG
ATMN	Automatic Transit Time Minimum Scale	2	US
CSID	Casing Inner Diameter	10.09	IN
DCMN	Window Decrement Down	0.8	
DCMX	Window Decrement Up	0.6	
DFVL	Default Fluid Velocity	203	US/F
DOT	Diameter of Tool	1.85	IN
ECRL	Eccentering Correction Level	FIRST	
ERDB	Eccentering Rejection	12	DB
FDOS	FVEL Depth Offset	0	M
FMOS	FVEL Measurement Offset	0	US/F
GCSW	Gain Correction	ON	
IMAR	Image Rotation	OFF	
LIM1	Minimum Limit Control	AUTO	
LIM2	Maximum Limit Control	MANUAL	
NBCD	Color Correction Depth Level	80	
NBLD	Eccentering Correction Depth Level	1	
NCDI	Noise Correction Depth Interval	30	
PNSW	Processing Noise Correction	ON	
RCSO	Reference Calibrator Standoff	0.795	IN
RJ60	60 Hz Correction	ON	
SWLV	Sliding Window Minimum	Inh_18us	
SWMX	Sliding Window Maximum	Inh_167us	
UFON	UBI Flagging of Lost Echoes	OFF	
UGOS	UBI/UCI GPIT Offset	645.47	IN
USTO	Ultrasonic Time Offset	–3	US
USUB	UBI Sub Identifier	Sub_5_inch	
UWKM	Current Working Mode	UBI3_SW250_180_1	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Input DLIS Files					
DEFAULT	Flip_UBI_NGS_054LUP	PRODUCER	10–Aug–2023 12:51	3385.1 M	2743.2 M
Output DLIS Files					
DEFAULT	UBI_NGS_057PUP	FN:70	PRODUCER	10–Aug–2023 12:55	
PTP	UBI_NGS_057PUP	FN:71	PRODUCER	10–Aug–2023 12:55	

RTB

UBI_NGS_057PUP

FN:71

PRODUCER

10-Aug-2023 12:33

Schlumberger

Repeat Pass
1:200 Scale

MAXIS Field Log

Company: International Ocean Discovery Program

Well: Expedition 395, Site U1564F

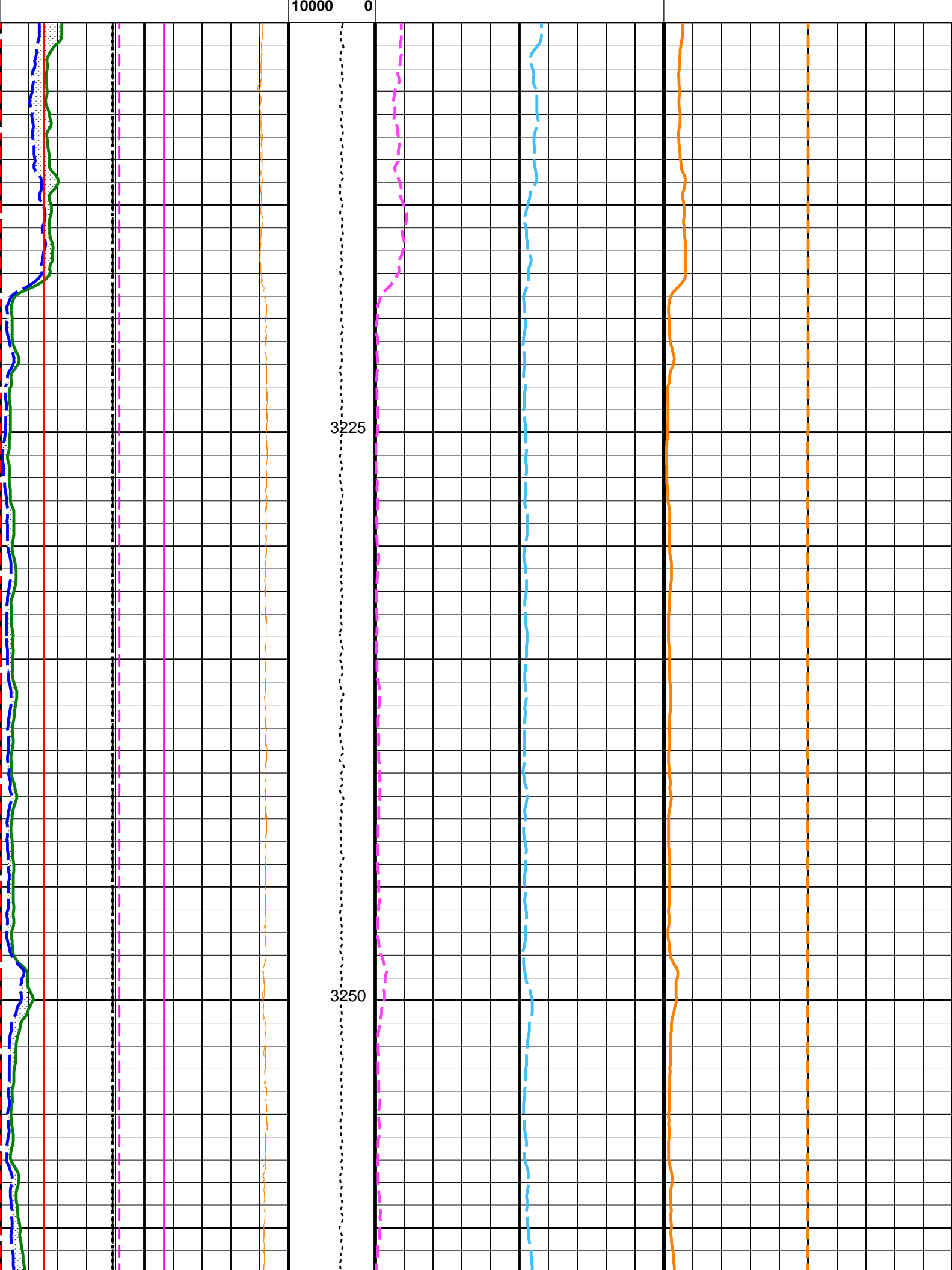
Output DLIS Files						
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RTB	UBI_NGS_050LUP	FN:61	PRODUCER	10-Aug-2023 09:54	3383.3 M	3207.3 M

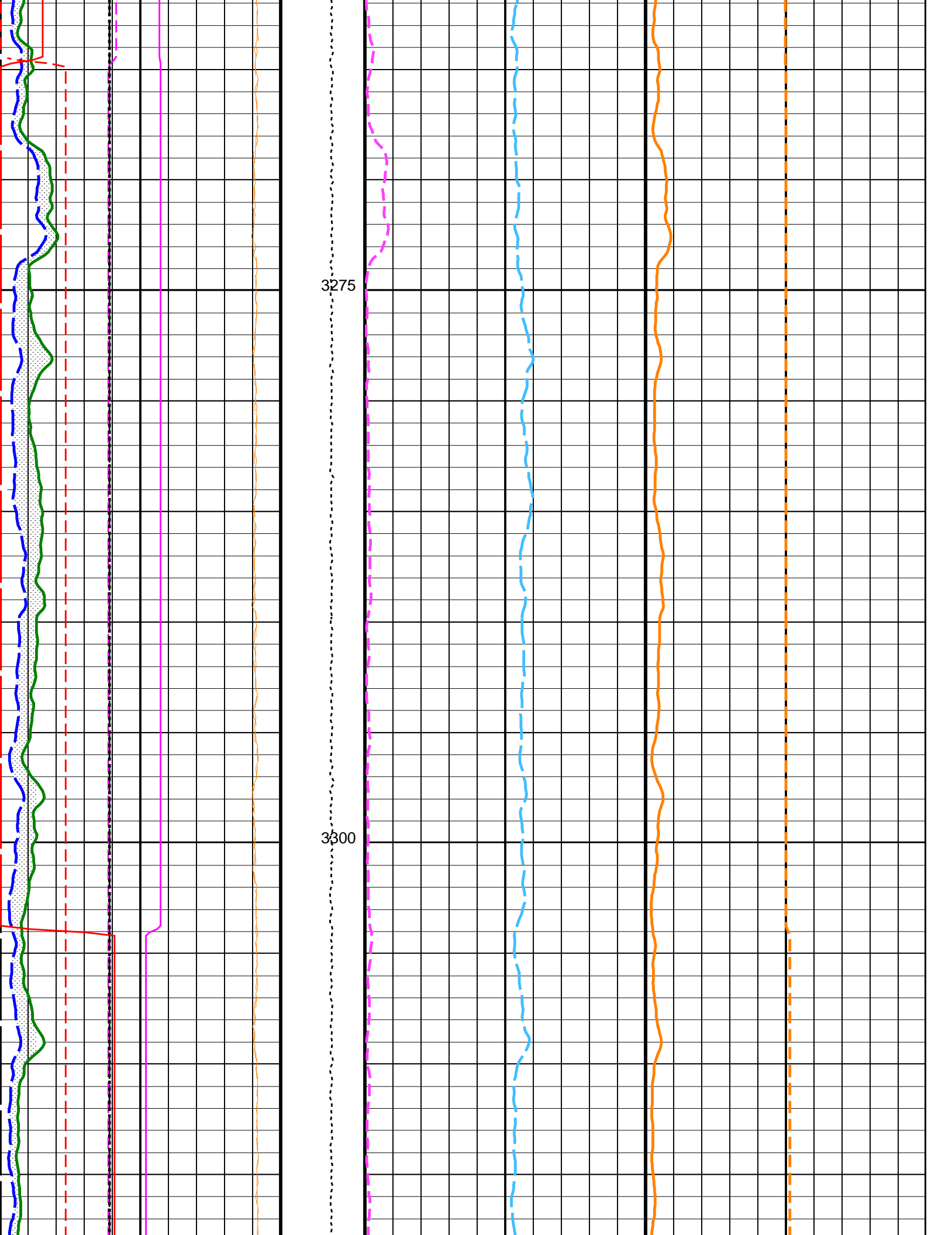
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UBI-E	19C0-187	GPIT-A/B	19C0-187		
DTA-A	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

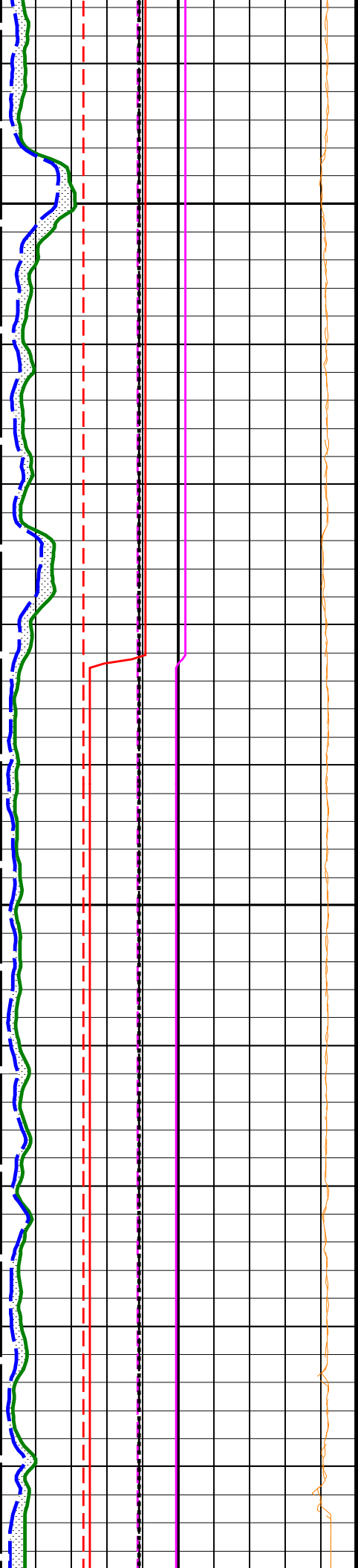
PIP SUMMARY

Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray (HSGR)			
0	(GAPI) 150		
HNGS Det.2 Resolution Degradation Factor (RDF2)			
0	(----) 10		
HNGS Det.1 Resolution Degradation Factor (RDF1)			
0	(----) 10		
HNGS Det.2 Gain Correction Factor (GCF2)			
0.9	(----) 1.1		
HNGS Det.1 Gain Correction Factor (GCF1)			
0.9	(----) 1.1		
Area1 From HCGR to HSGR			
HNGS Computed Gamma Ray (HCGR)			
0	(GAPI) 150		
Caliper (BS)			
6	(IN) 16		
Bit Size (BS)			
6	(IN) 16		
		HNGS Borehole Potassium (HBHK)	
		-0.05 (V/V) 0.05	
HNGS Det.2 Chi Squared (CHI2)		HNGS Uranium (HURA)	
10	(----) 0	-10 (PPM) 30	
HNGS Det.1 Chi Squared (CHI1)		Tension (TENS) (LBF)	
10	(----) 0	HNGS Thorium (HTHO) (PPM) 30	
		HNGS Potassium (HFK) (V/V) 0.1	







3825

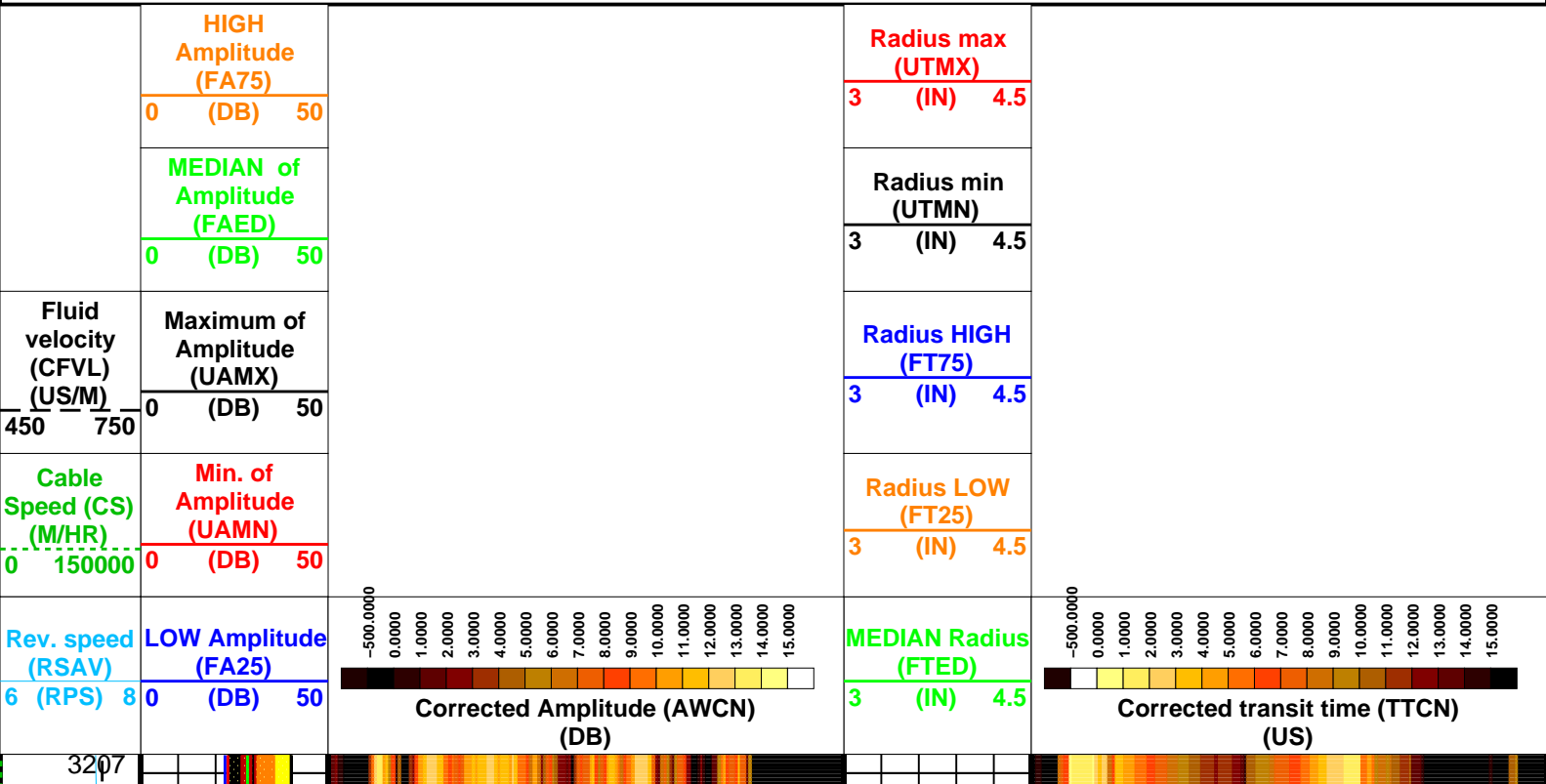
3350



HABR	HNGS Borehole Potassium Running Average	-0.00038144	60	IN
HALF	HNGS Alpha Filter Length		NONE	
HCRB	HNGS Apply Borehole Potassium Correction		NATU	
HMWM	Mud Weighting Material		YES	
HNPE	HNGS Processing Enable		1.3	CPS
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate		1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate		YES	
SGRC	HNGS Standard Gamma-Ray Correction Flag		CENT	
TPOS	Tool Position		0.954255	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average		0.919057	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average			
EDTC-B: Enhanced DTS Cartridge				
BHS	Borehole Status		OPEN	
GCSE	Generalized Caliper Selection		BS	
System and Miscellaneous				
BS	Bit Size		9.875	IN
DFD	Drilling Fluid Density		1.02	G/C3

Format: HNGSYields		Vertical Scale: 1:200		Graphics File Created: 10–Aug–2023 09:54	
OP System Version: 19C0–187					
UBI–E	19C0–187		GPIT–A/B	19C0–187	
DTA–A	19C0–187		HNGC–B	19C0–187	
HNGS–BA	19C0–187		EDTC–B	19C0–187	
Output DLIS Files					
DEFAULT	UBI_NGS_050LUP	FN:60	PRODUCER	10–Aug–2023 09:54	
RTB	UBI_NGS_050LUP	FN:61	PRODUCER	10–Aug–2023 09:54	

Company: International Ocean Discovery Program				Well: Expedition 395, Site U1564F		
Output DLIS Files						
DEFAULT	UBI_NGS_050LUP	FN:60	PRODUCER	10-Aug-2023 09:54	3383.3 M	3207.3 M
RTB	UBI_NGS_050LUP	FN:61	PRODUCER	10-Aug-2023 09:54	3383.3 M	3207.3 M
OP System Version: 19C0-187						
UBI-E	19C0-187	GPIT-A/B	19C0-187			
DTA-A	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	19C0-187			



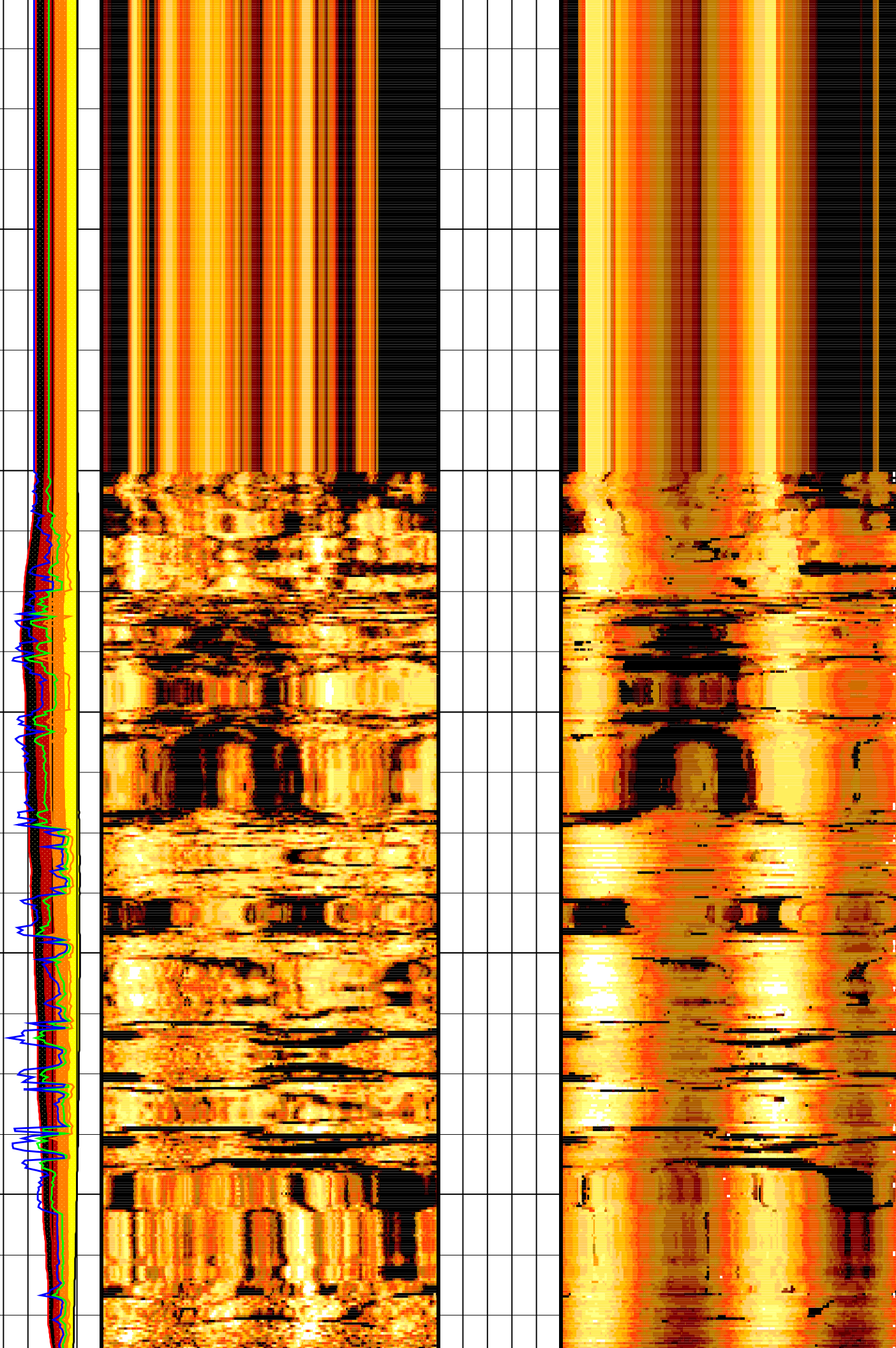
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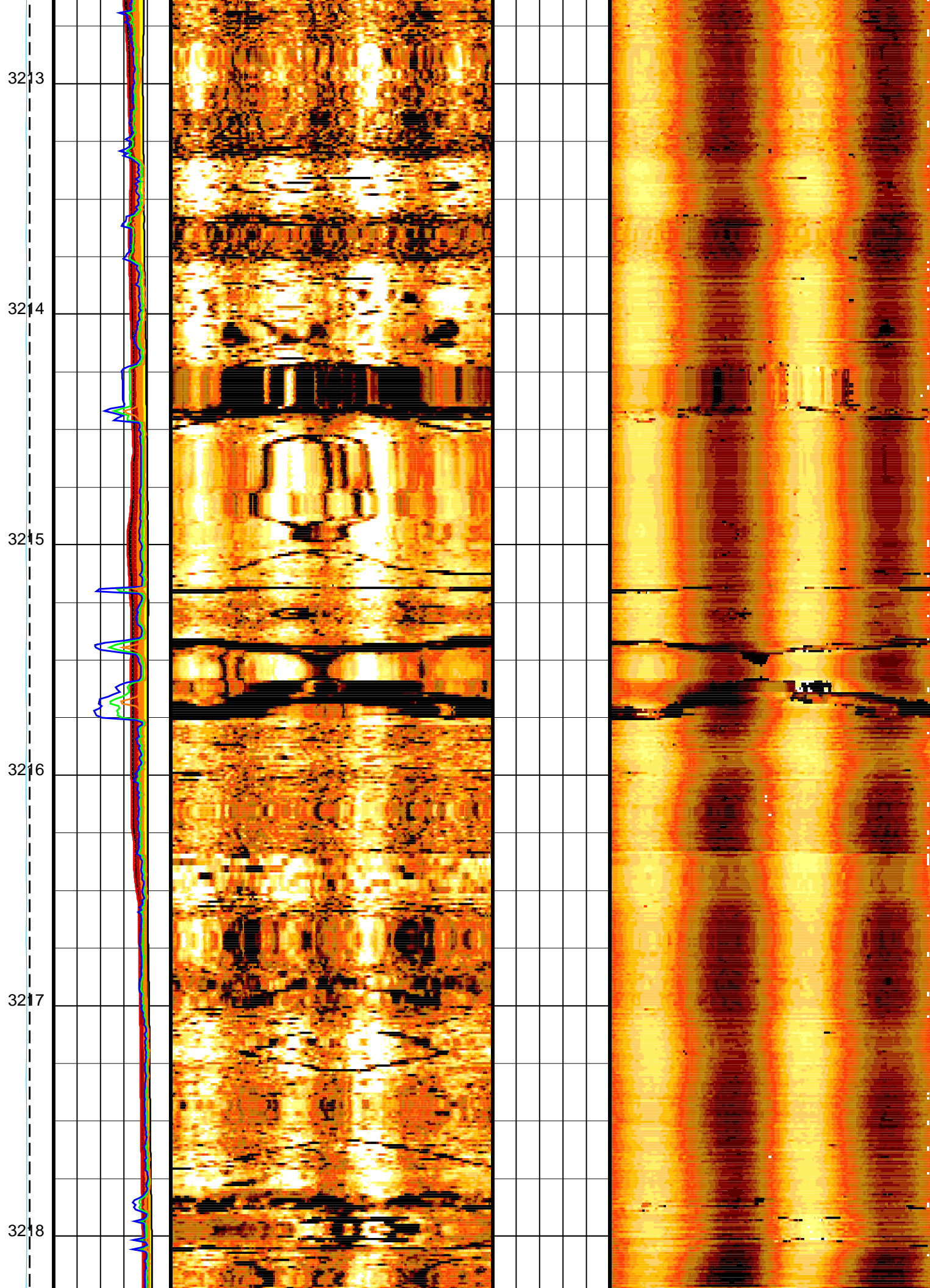
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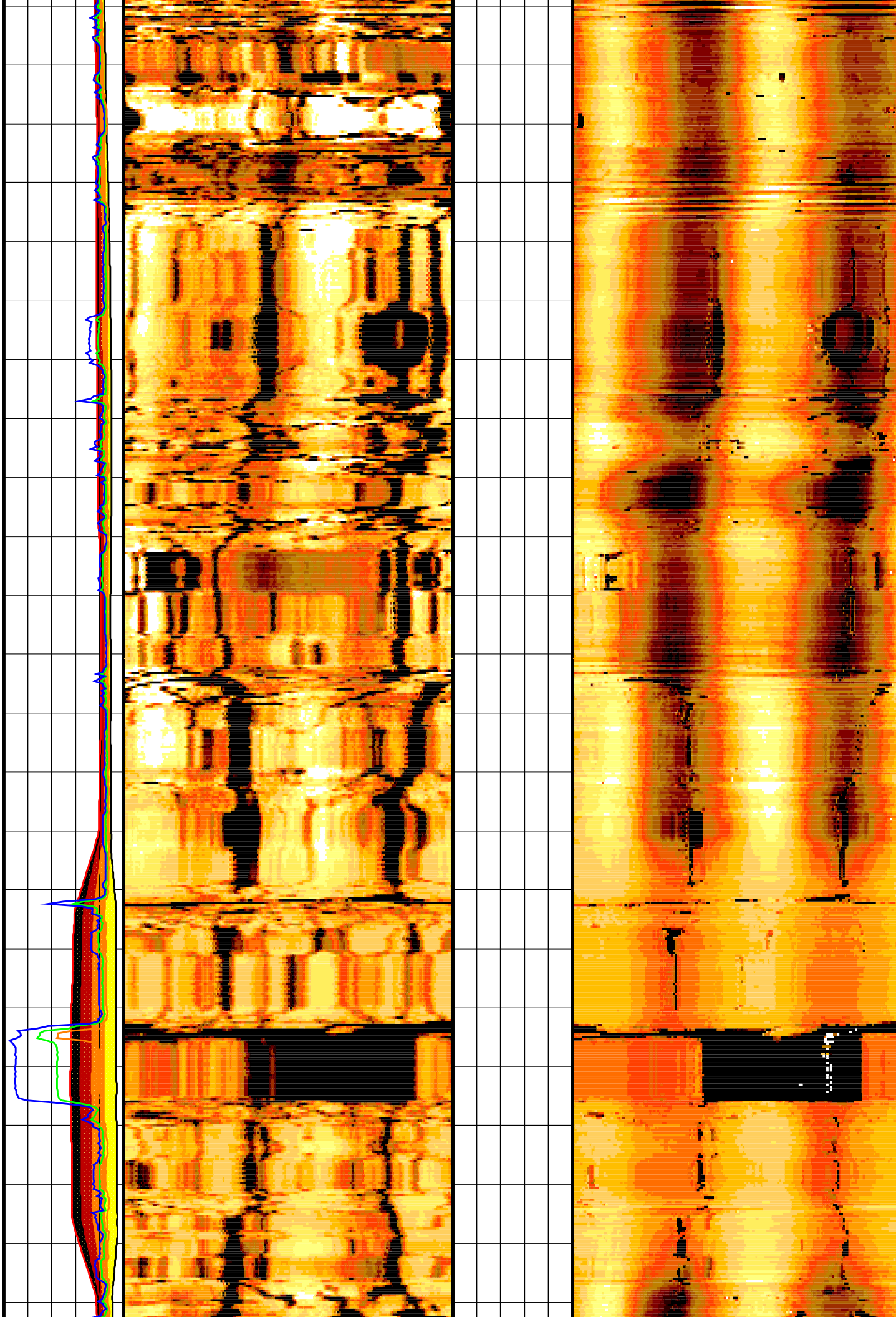
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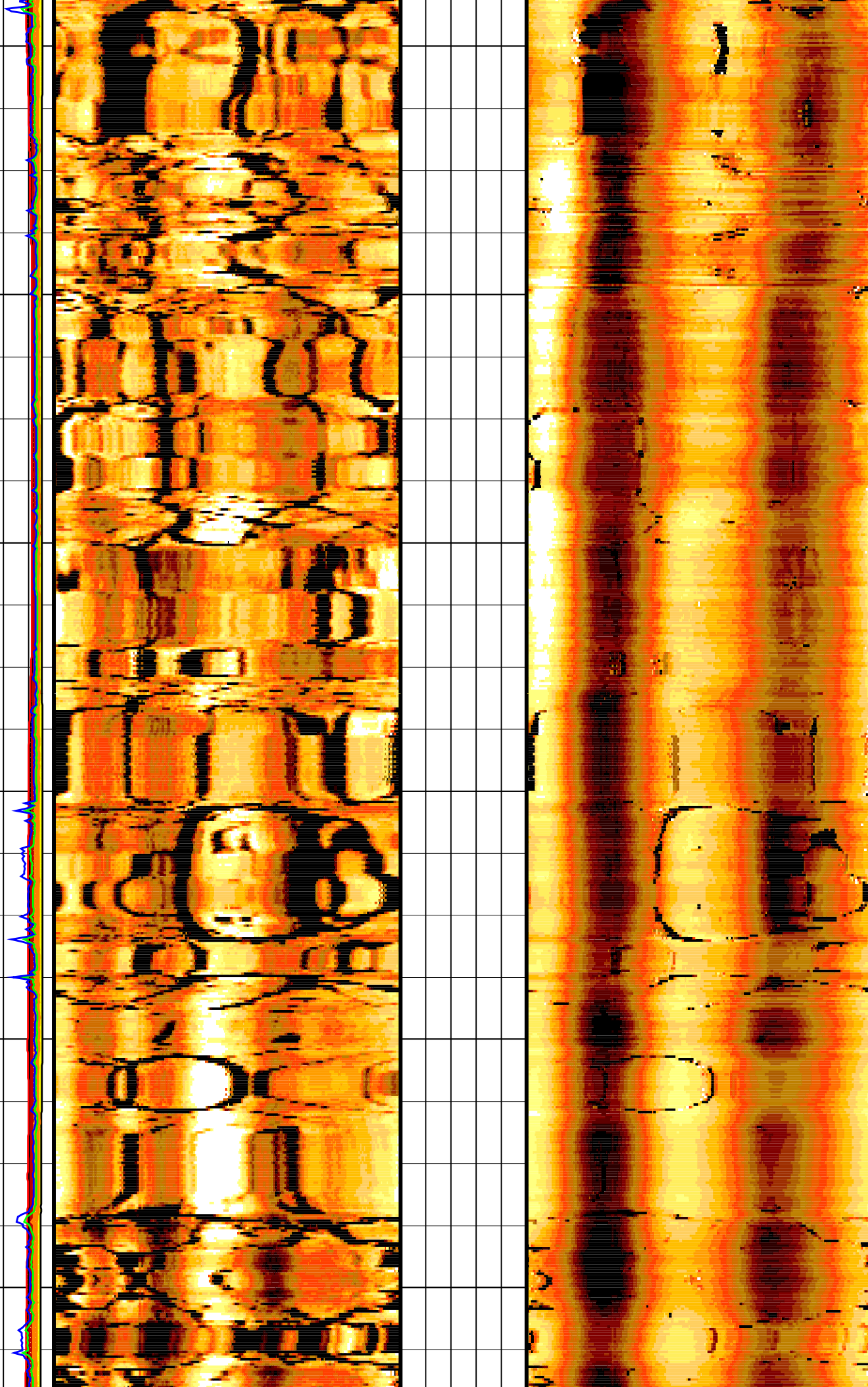
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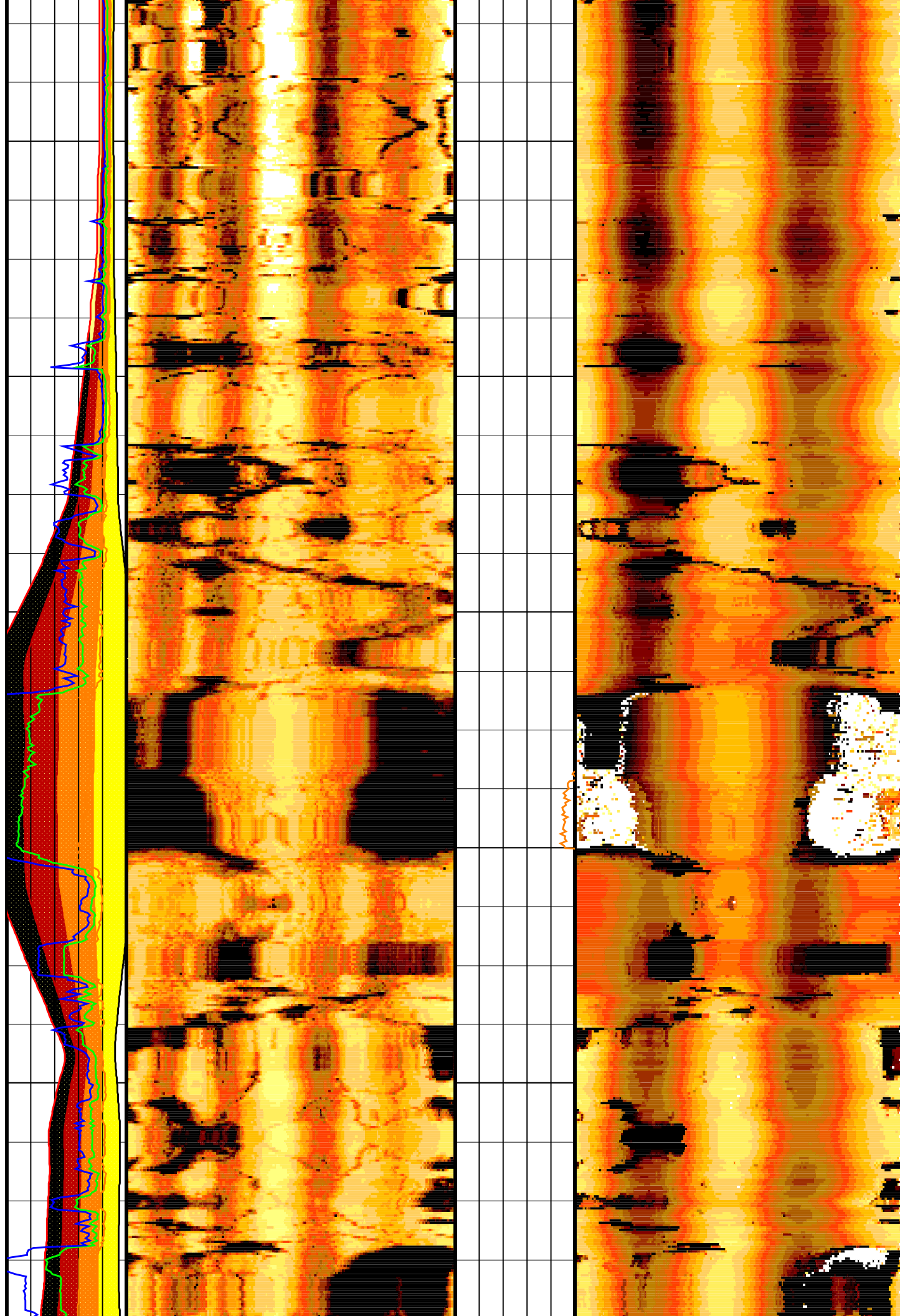
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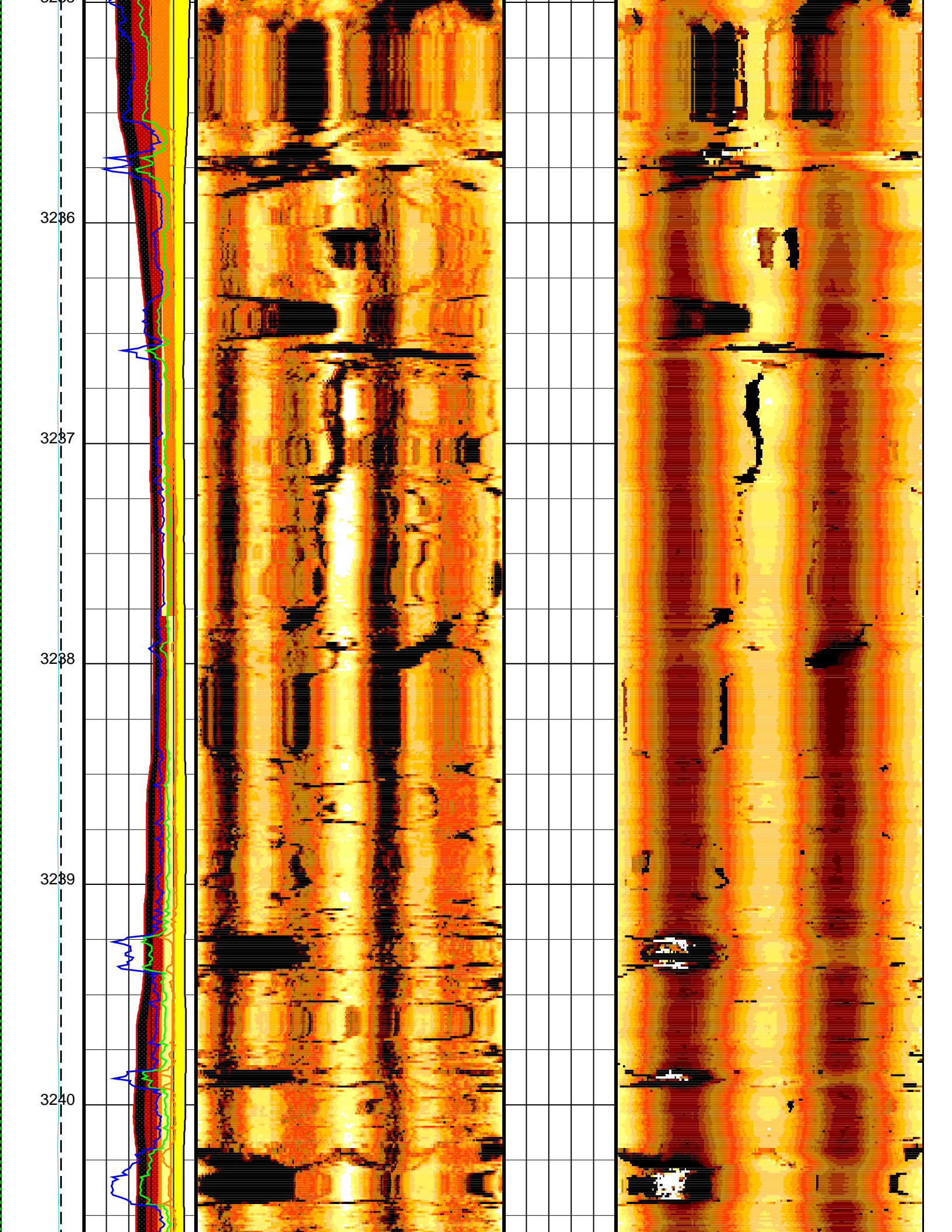
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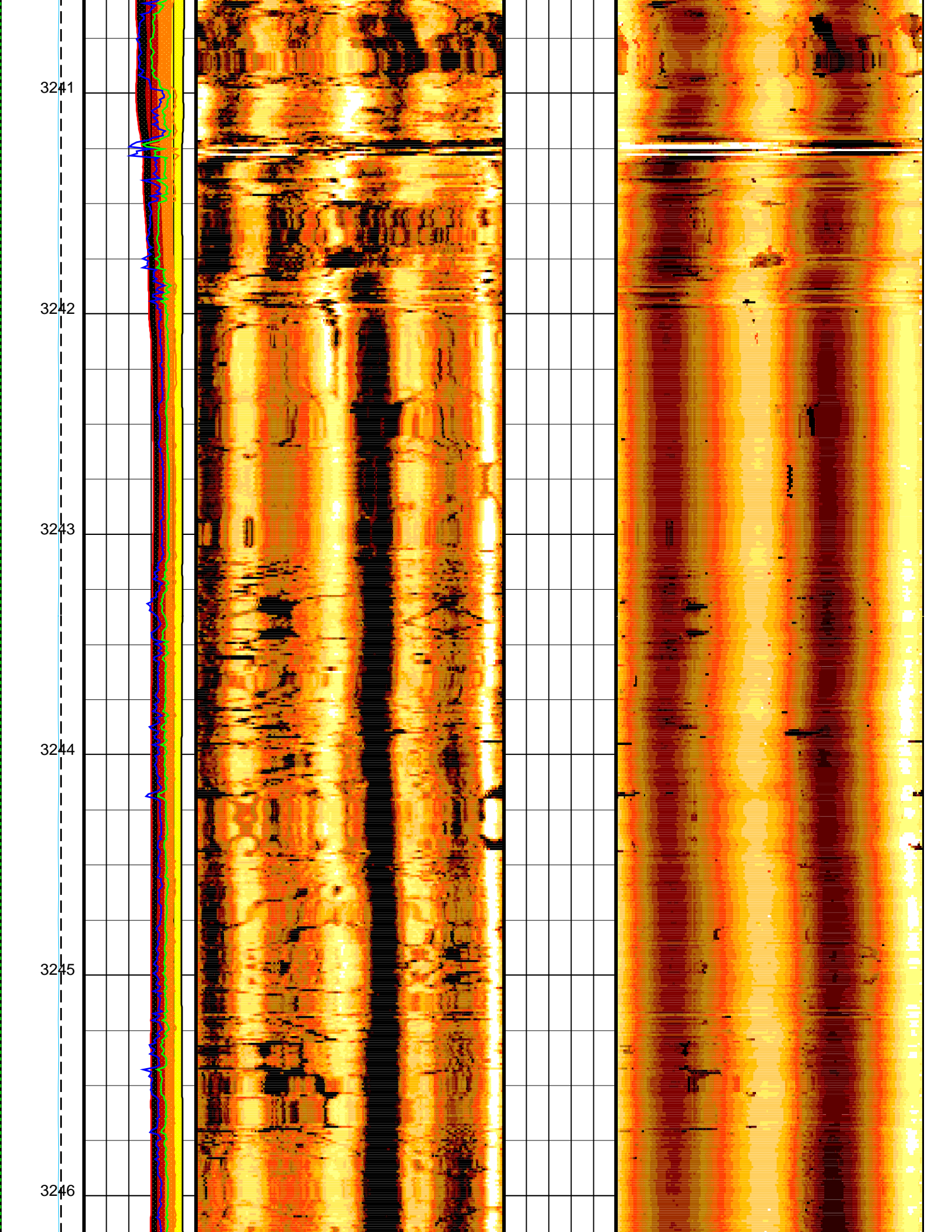
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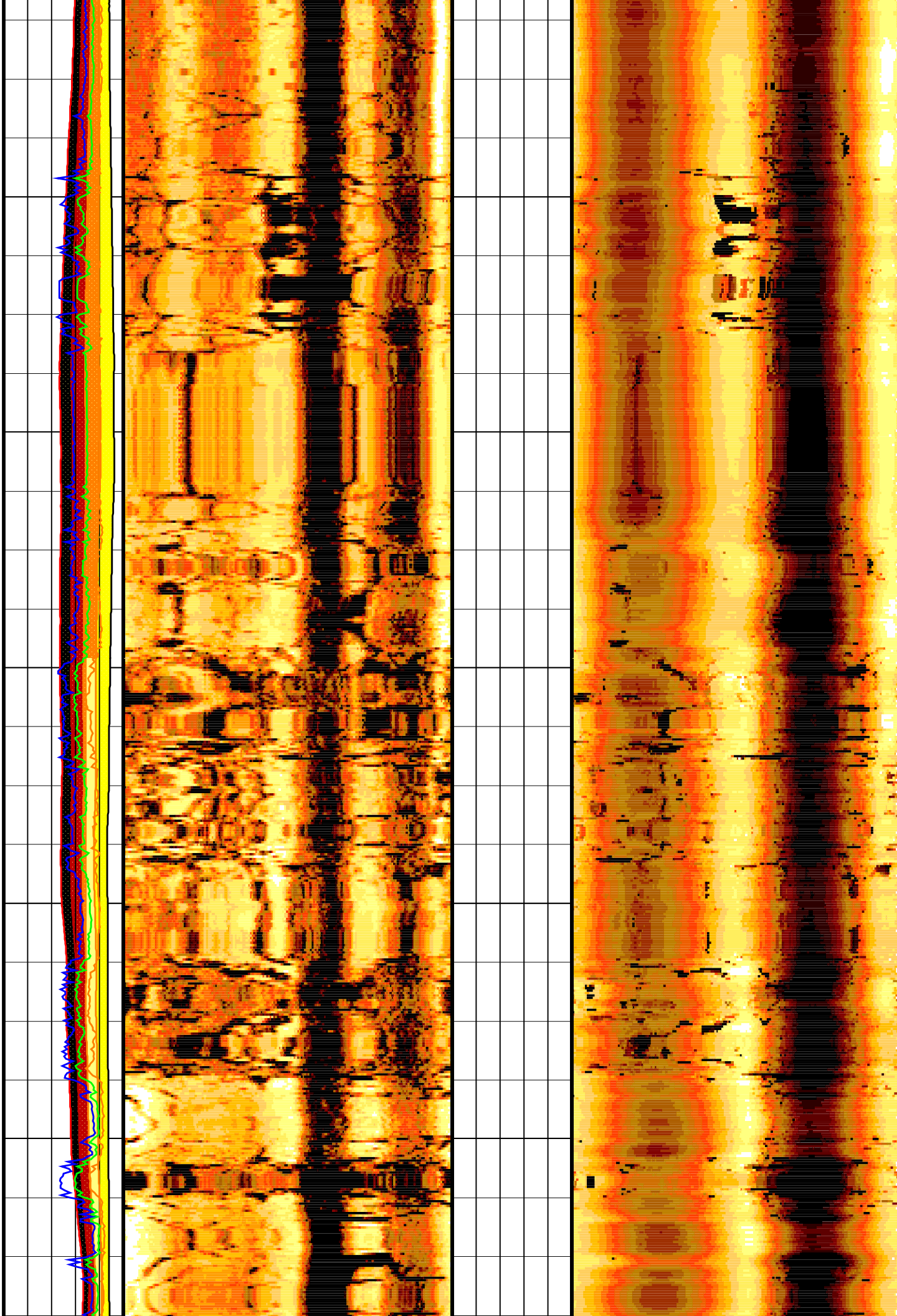
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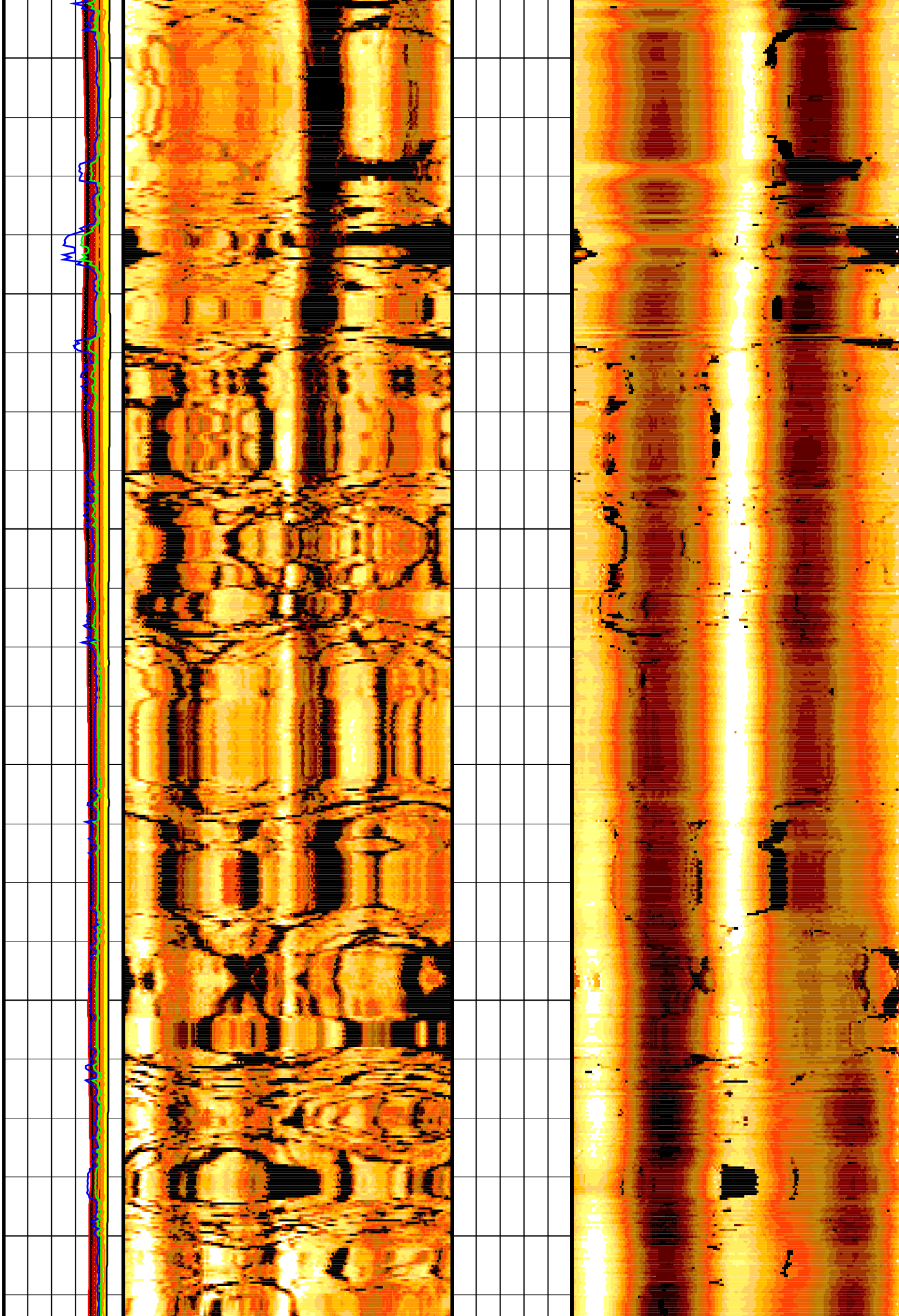
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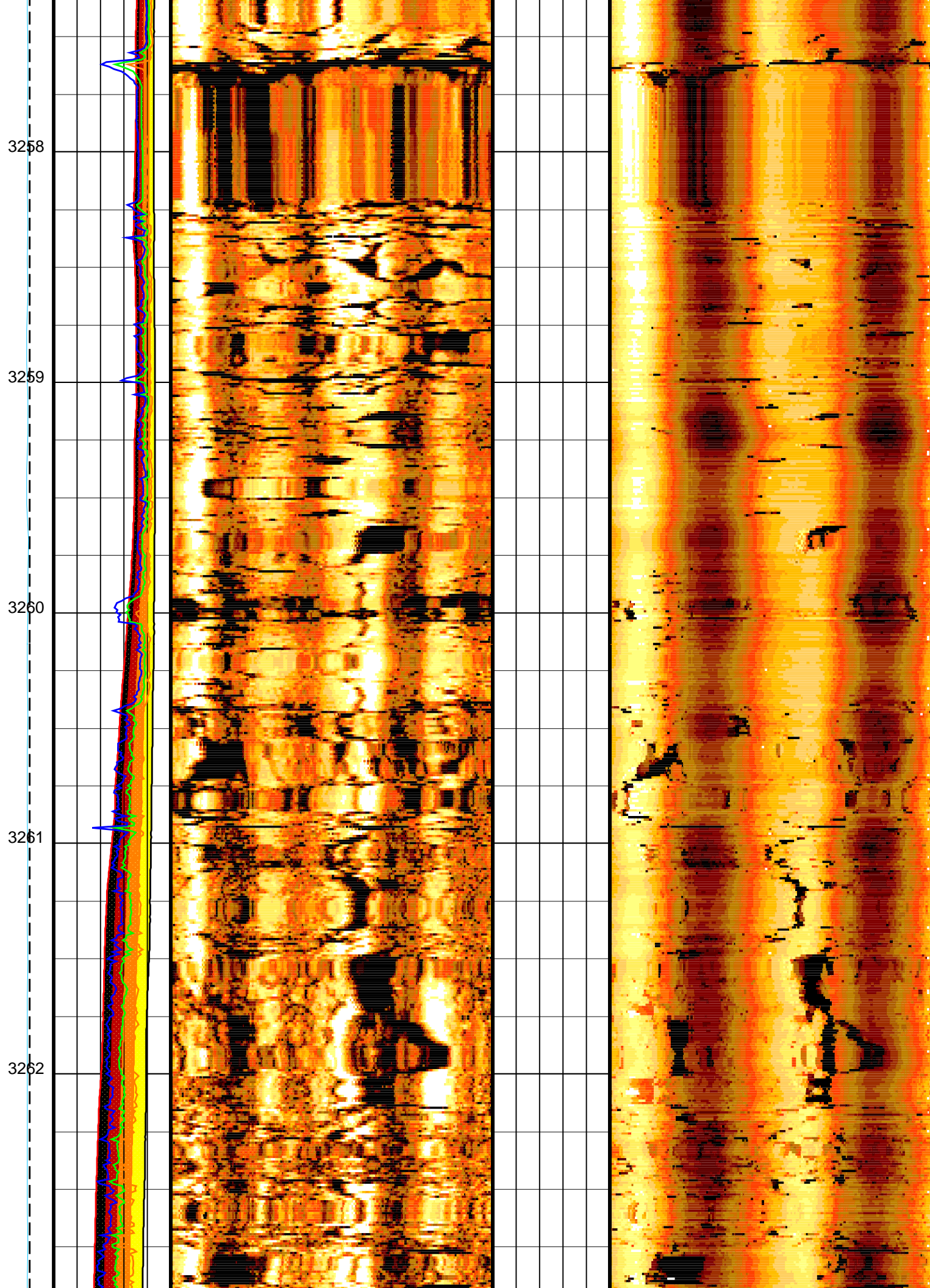
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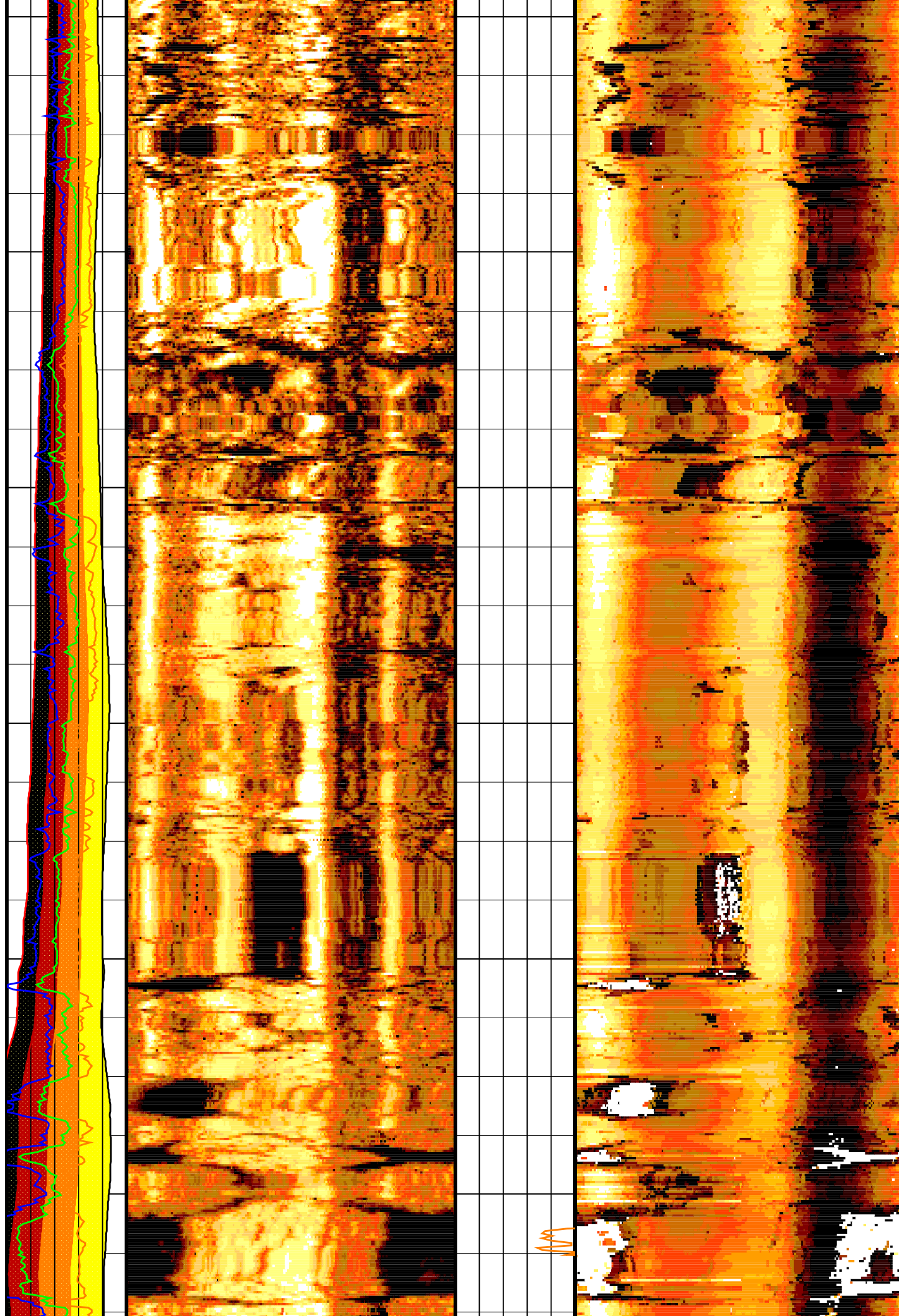
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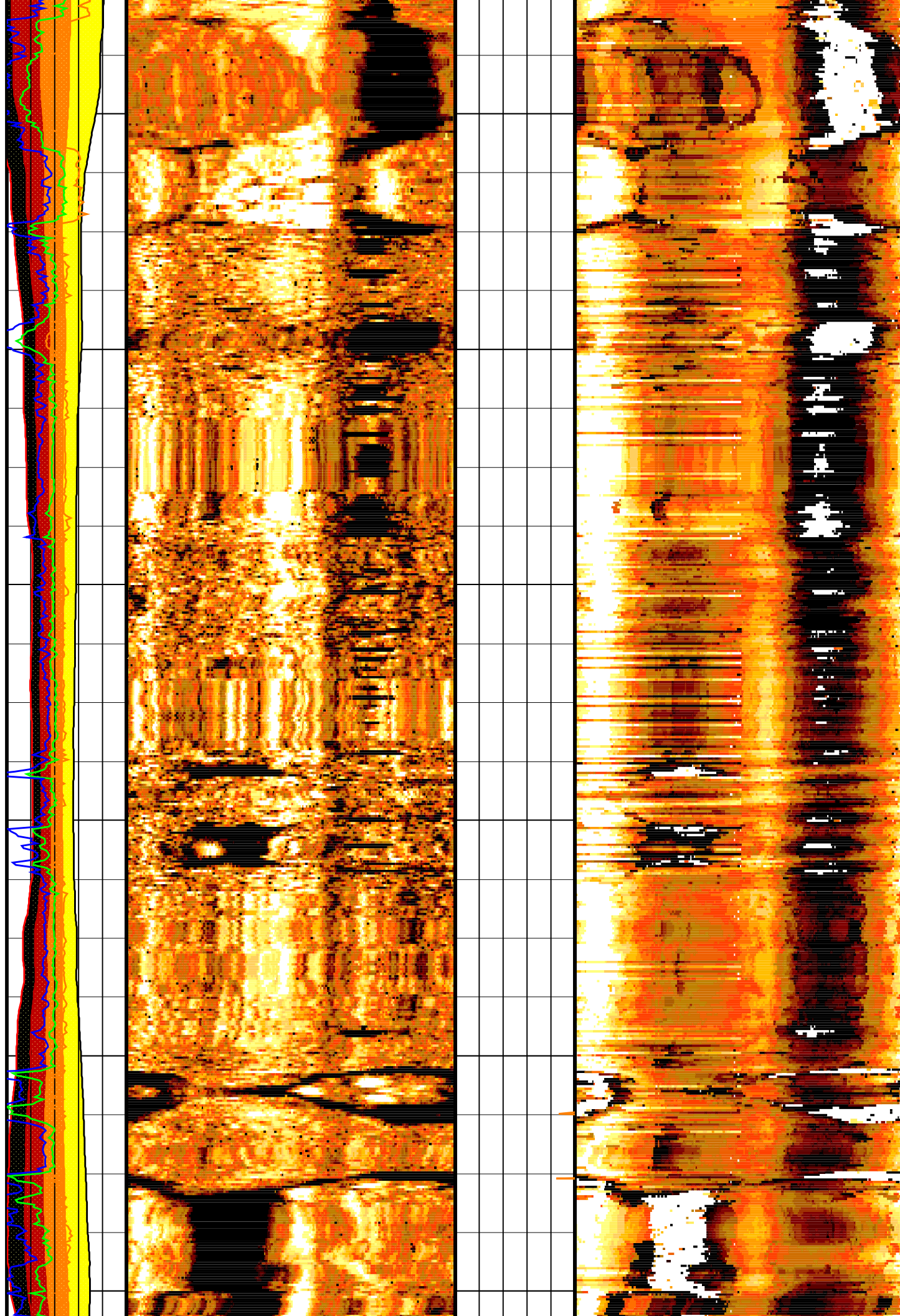
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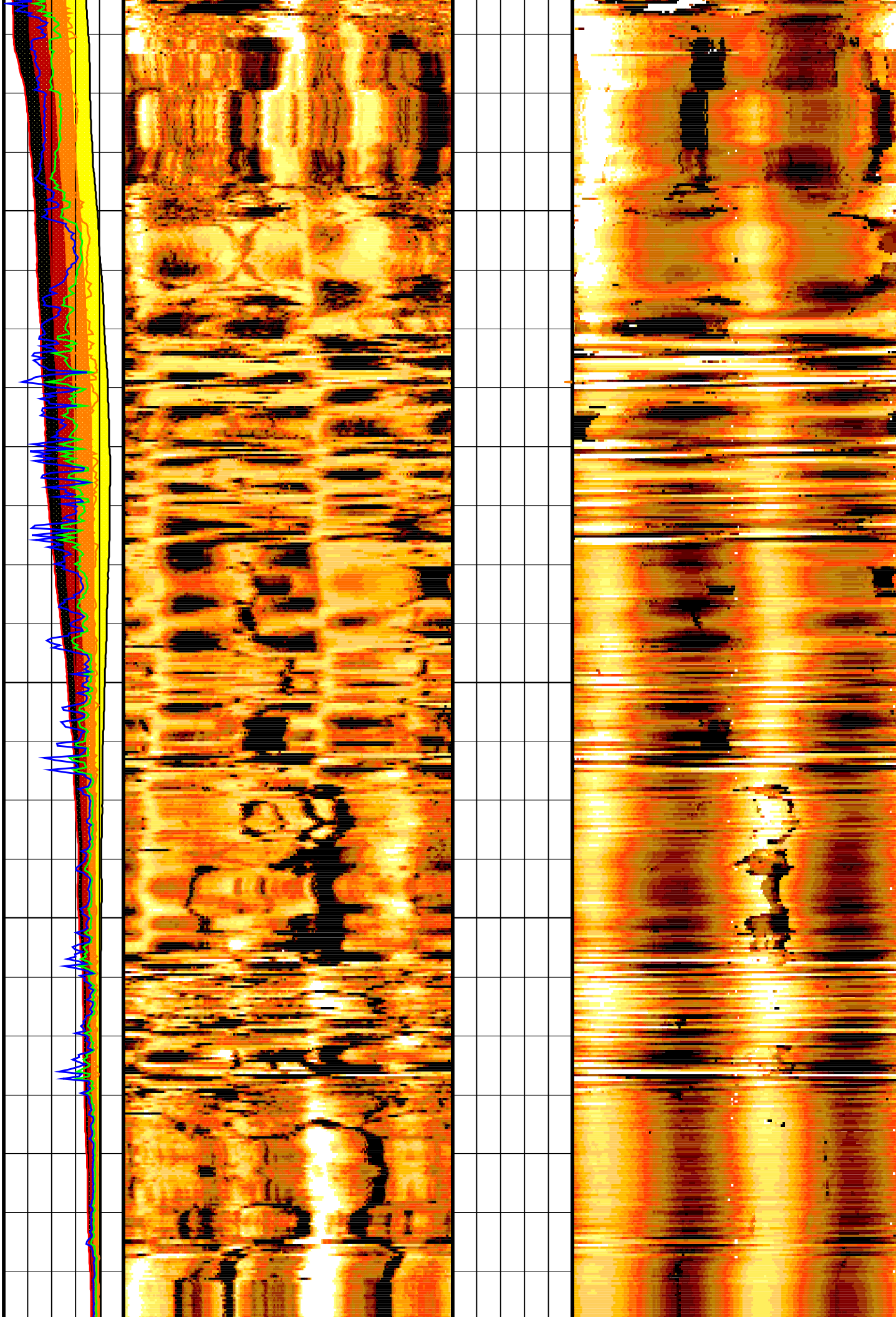
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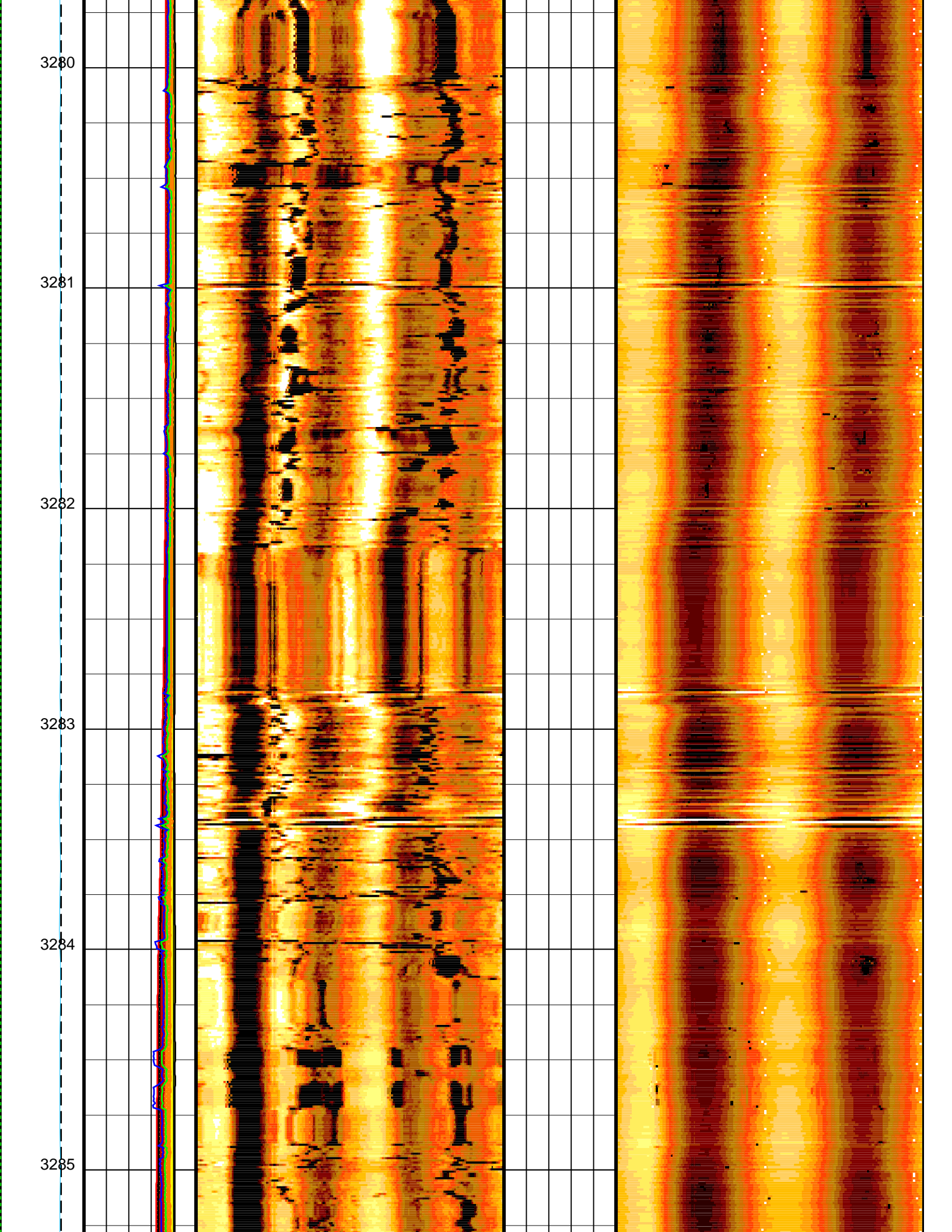
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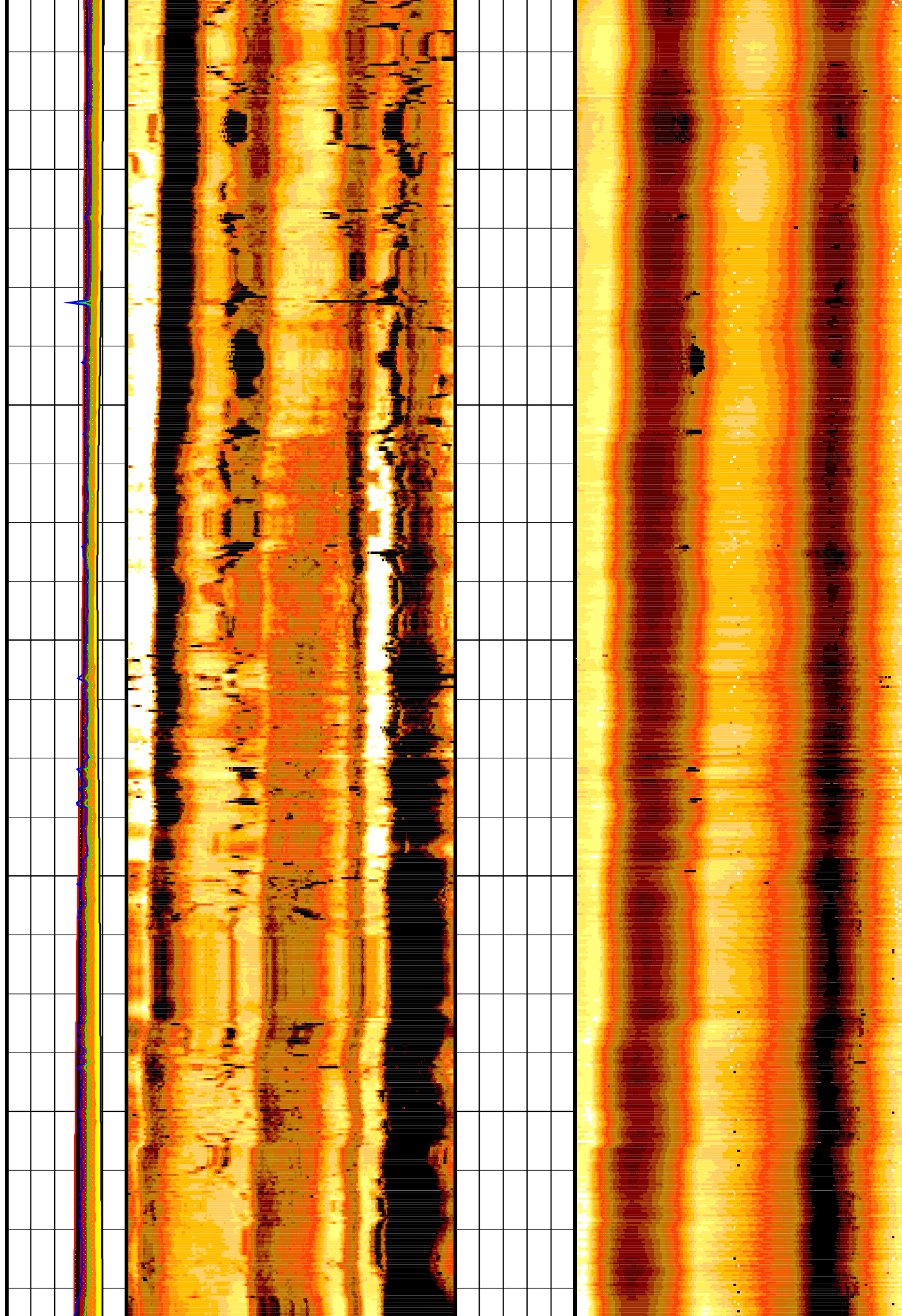
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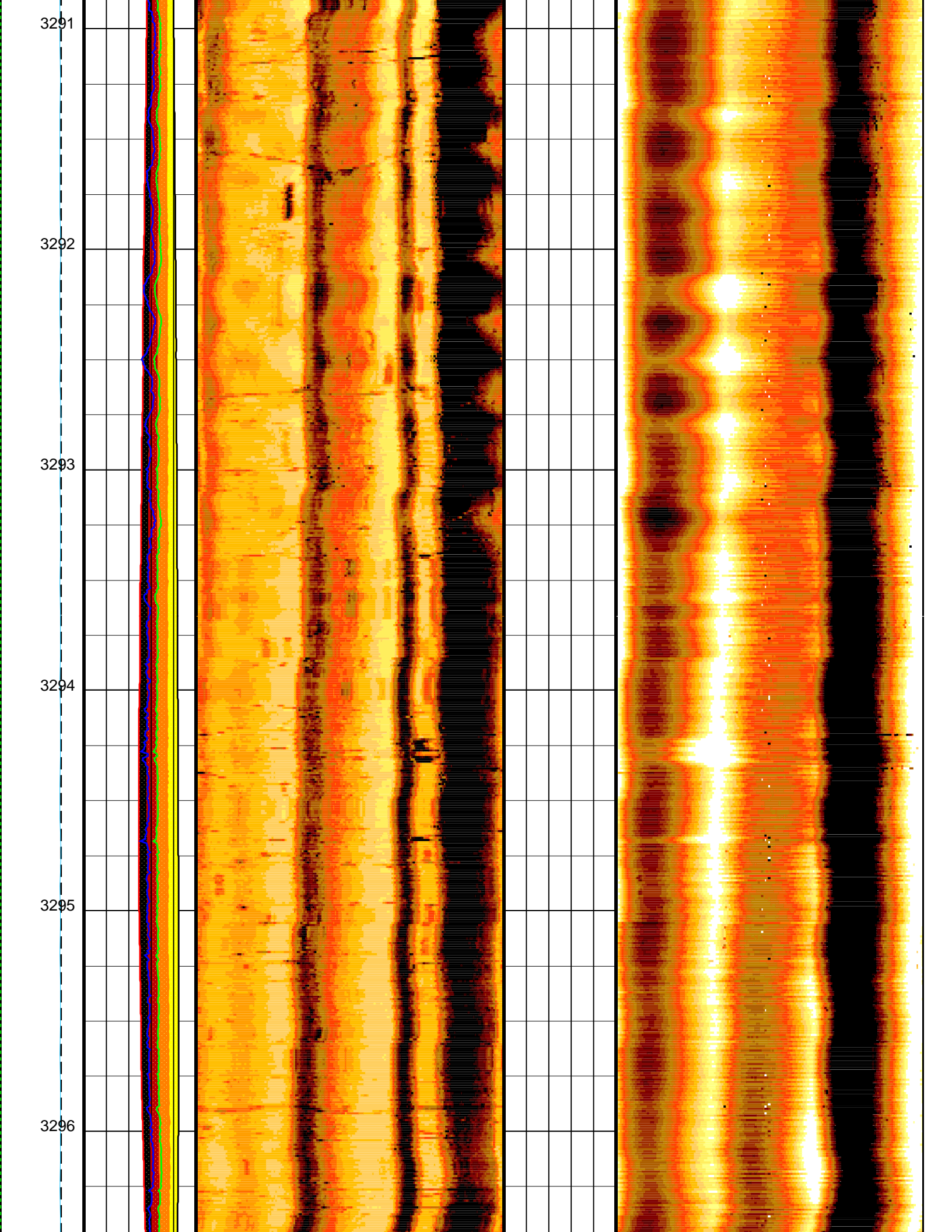
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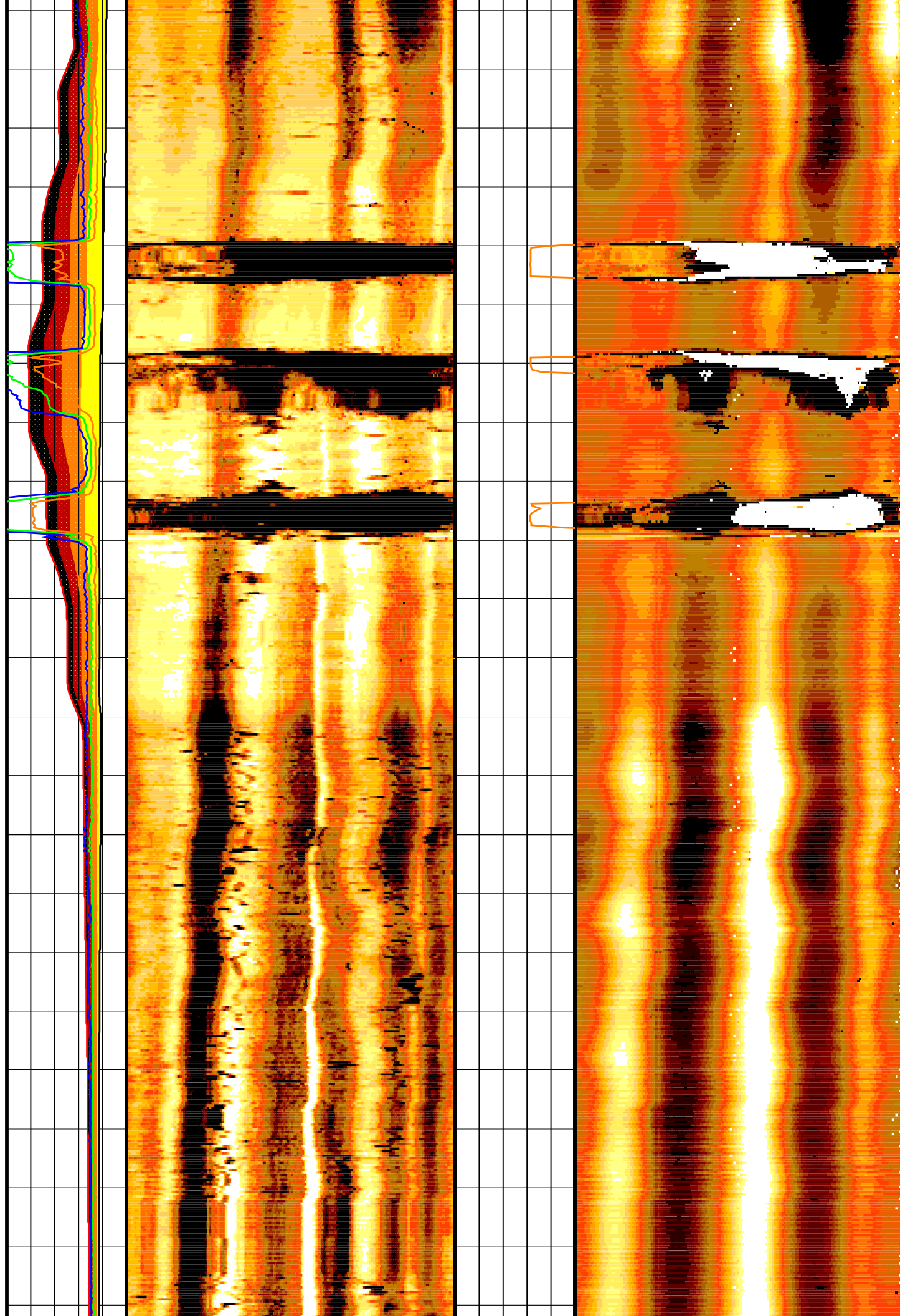
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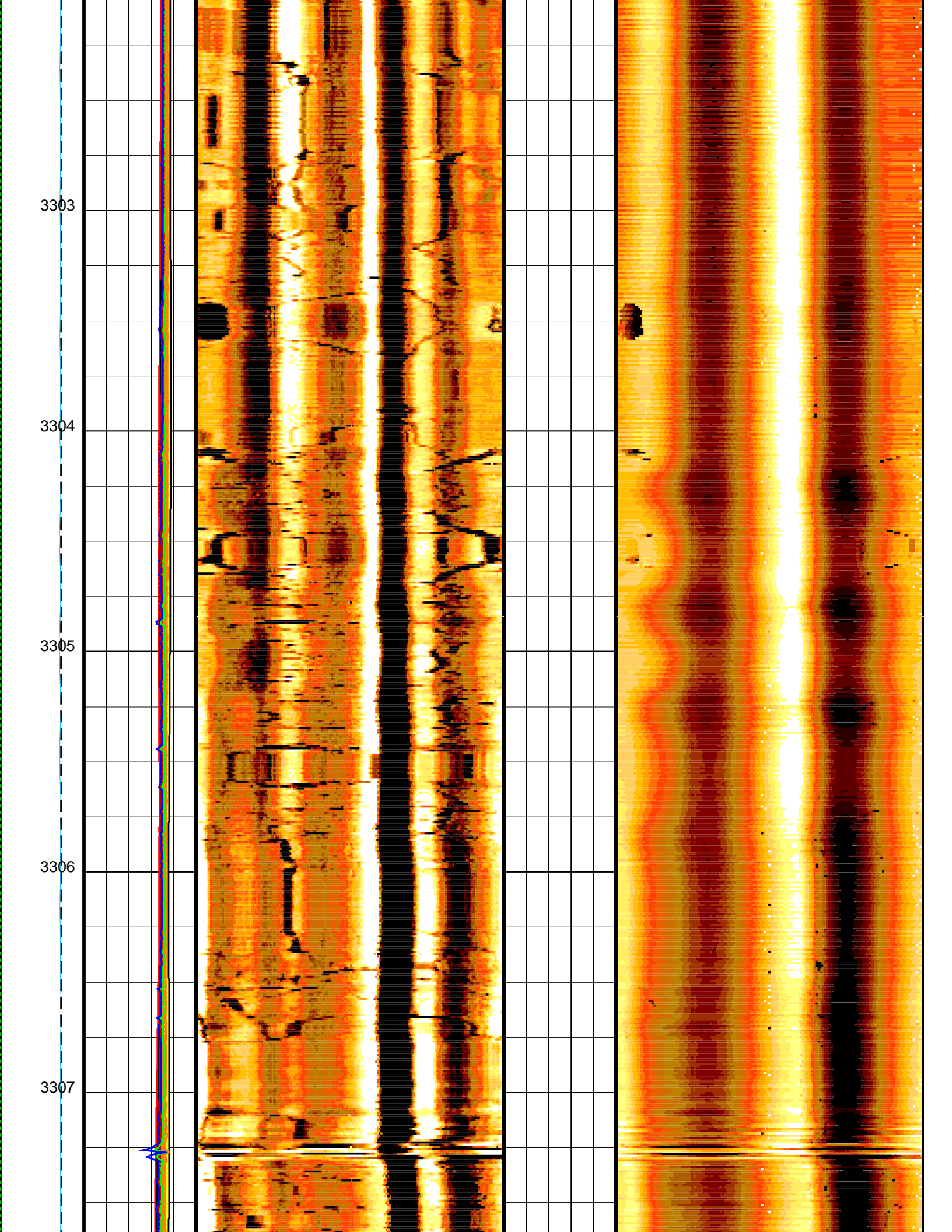
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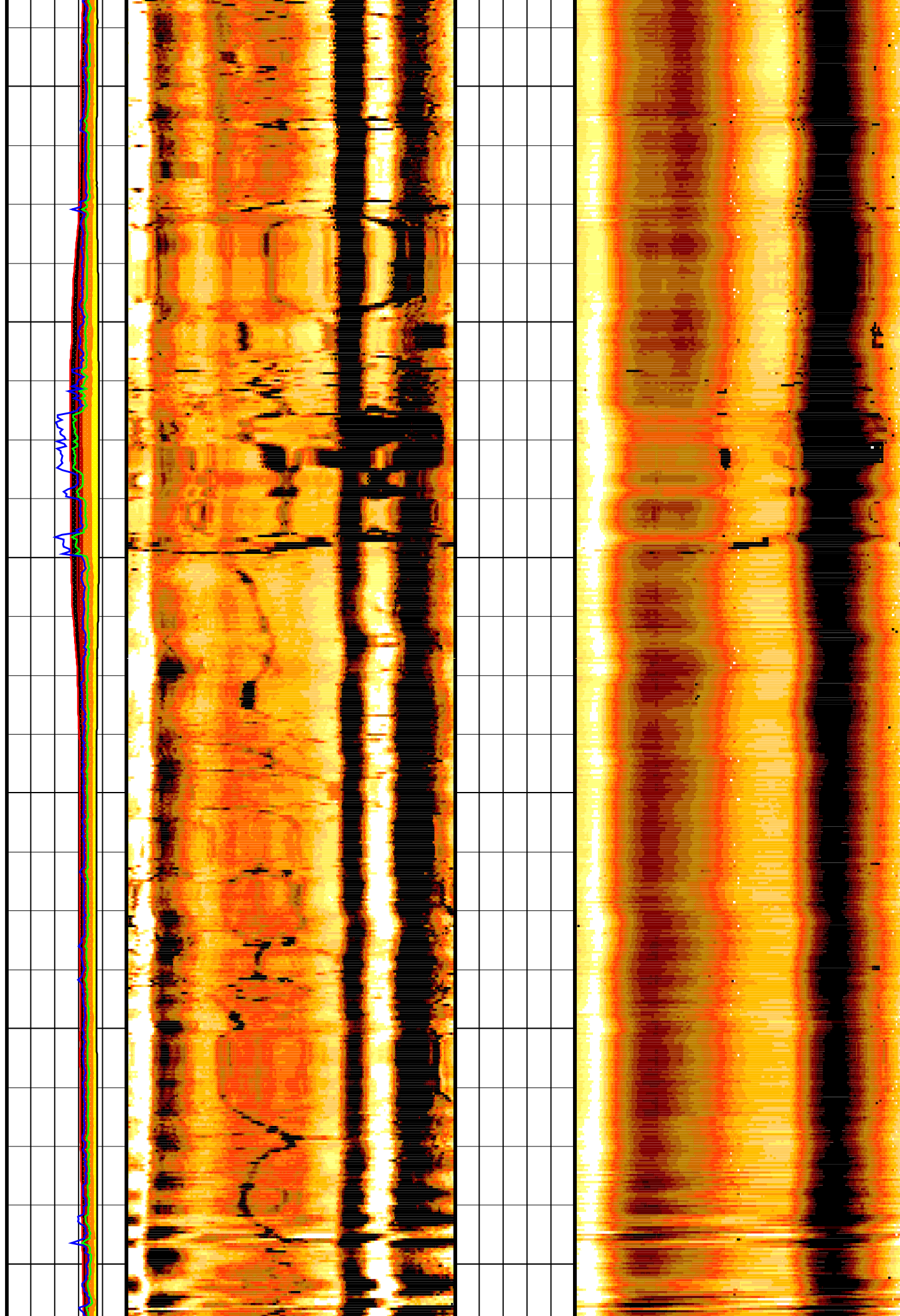
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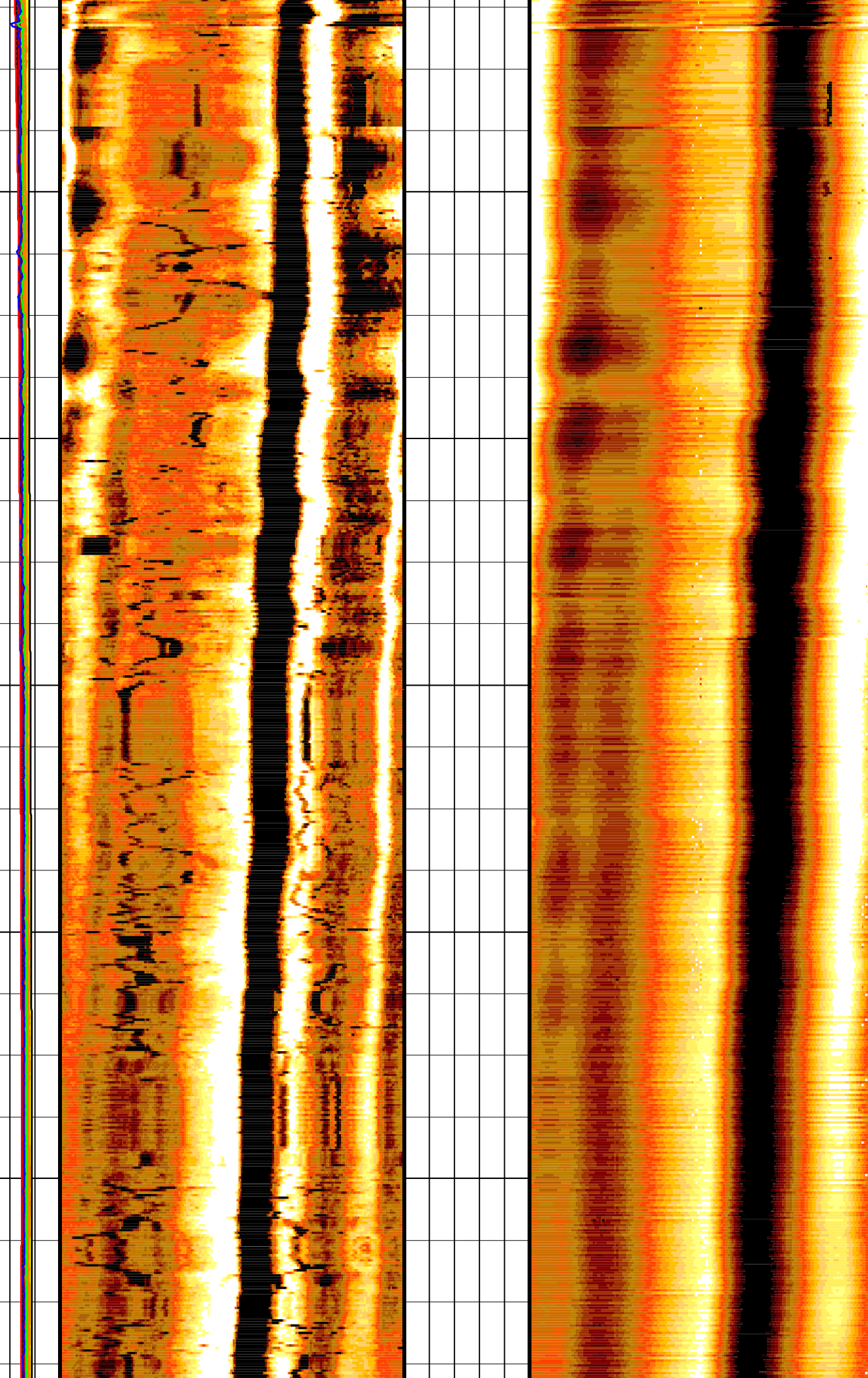
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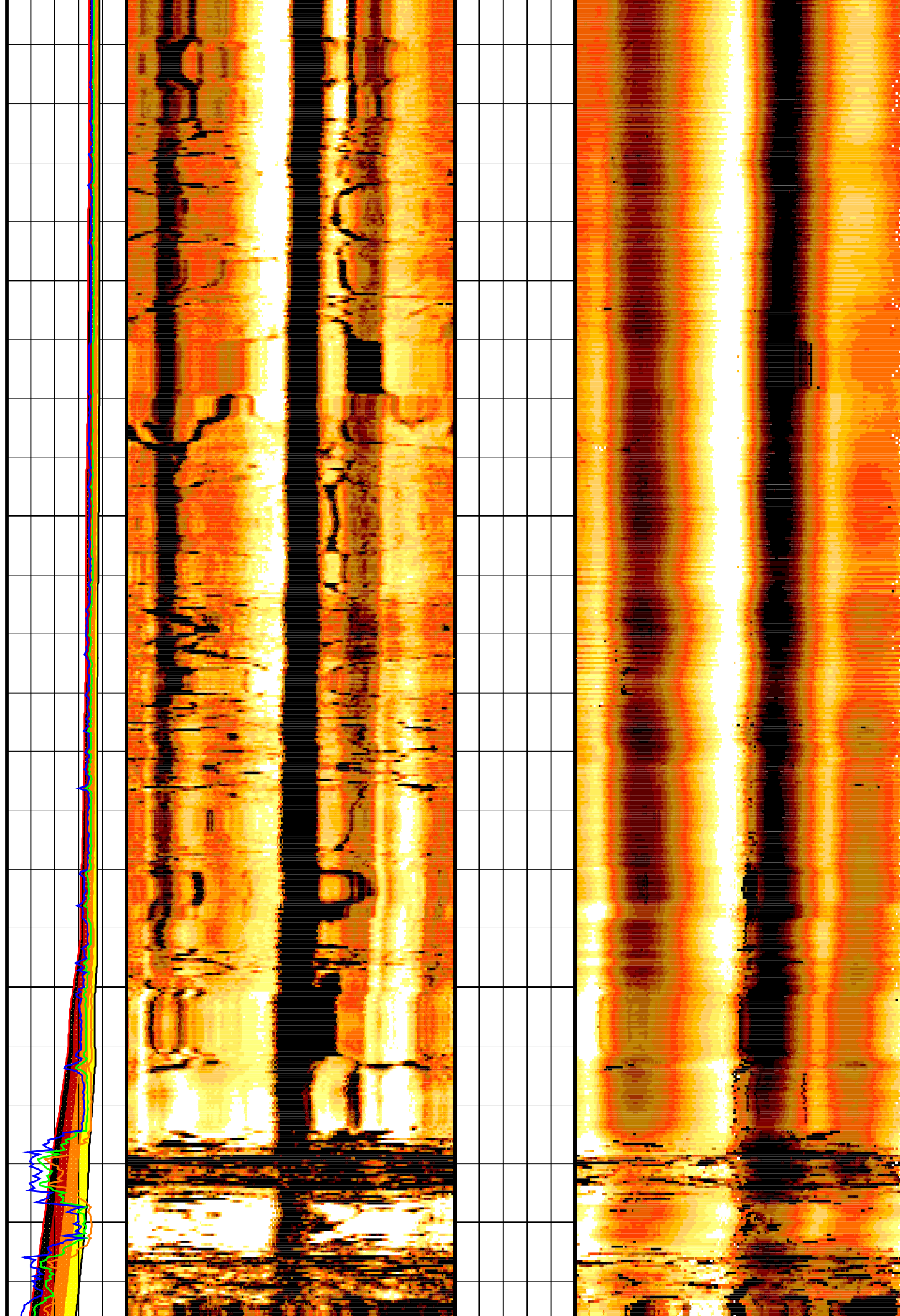
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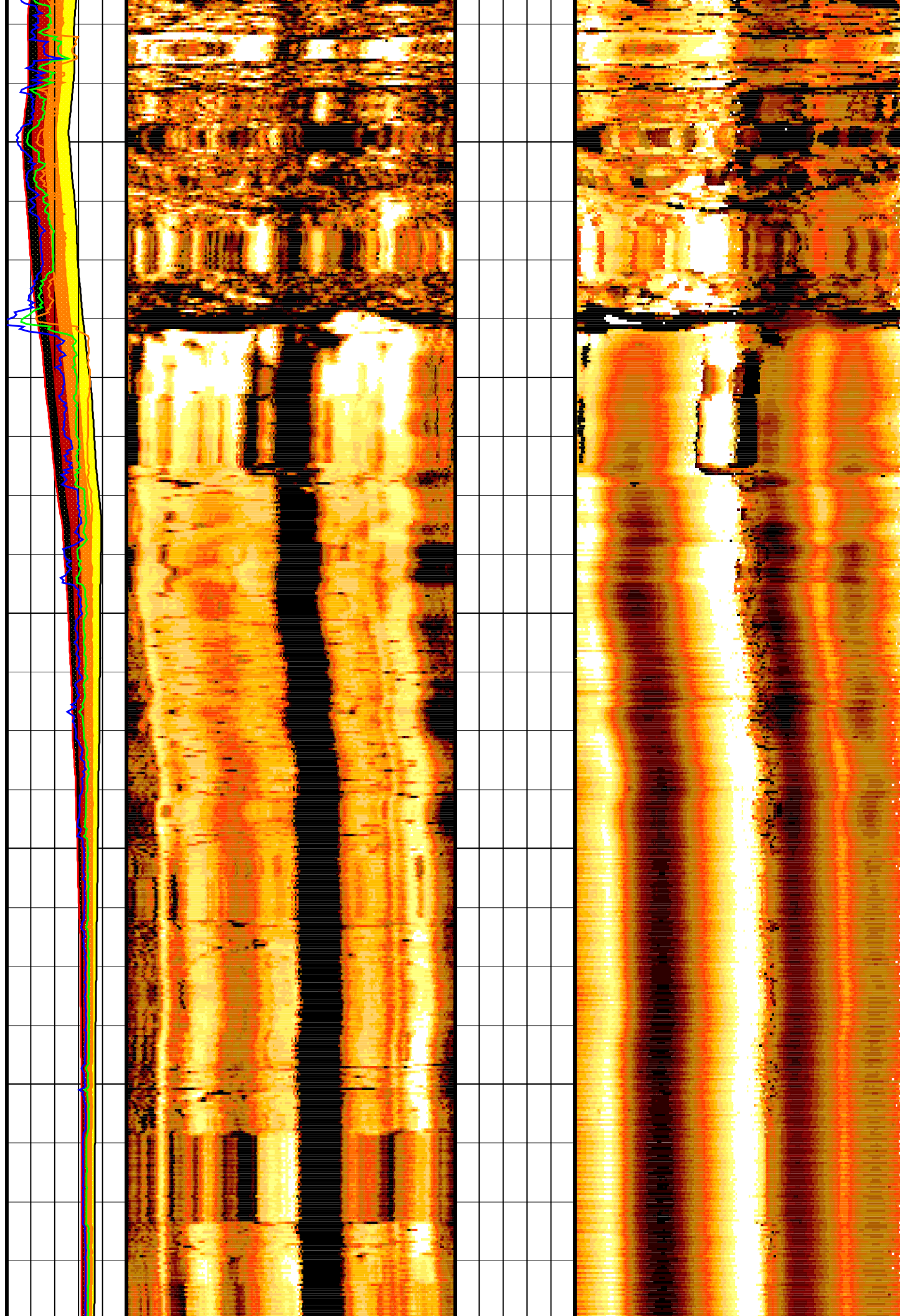
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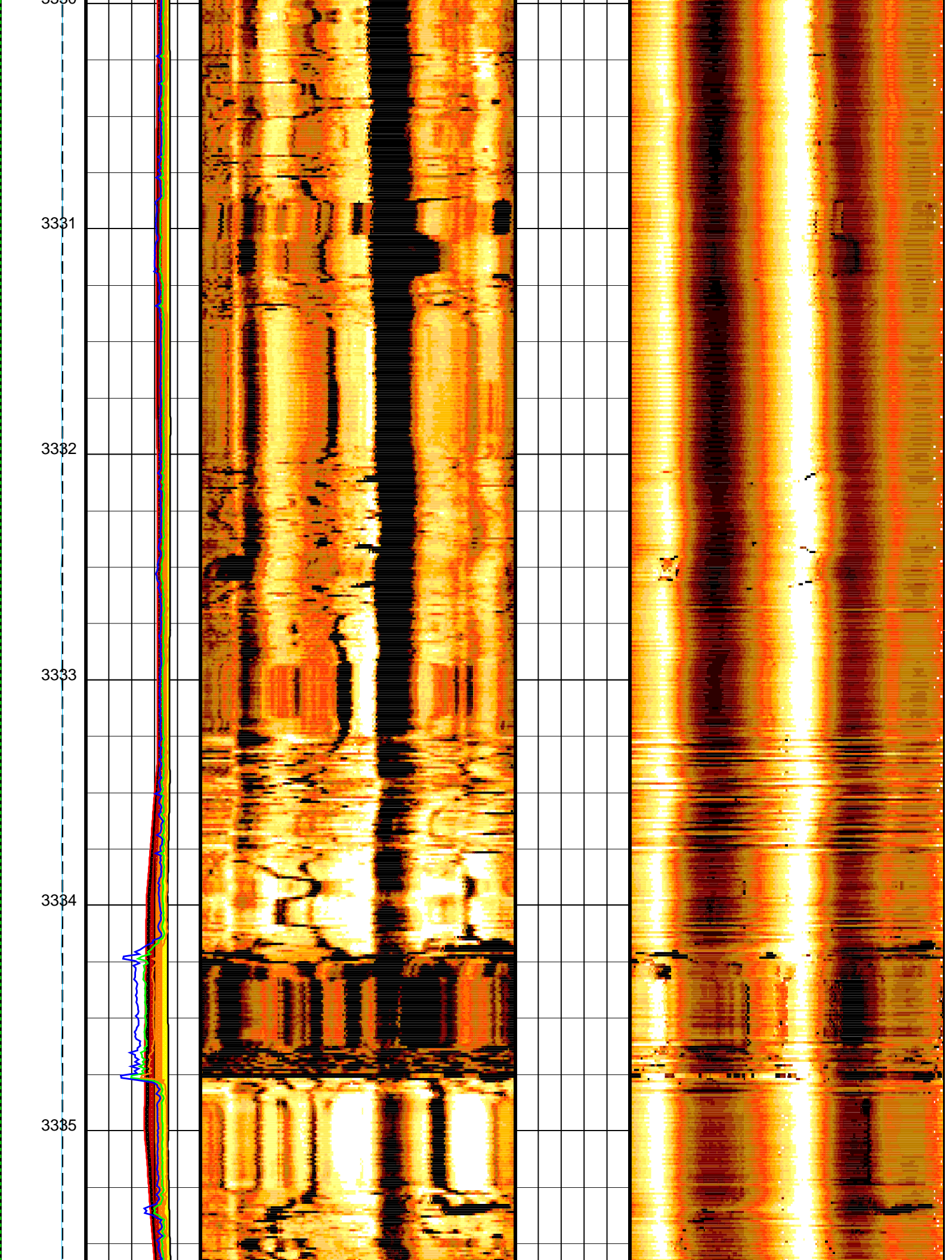
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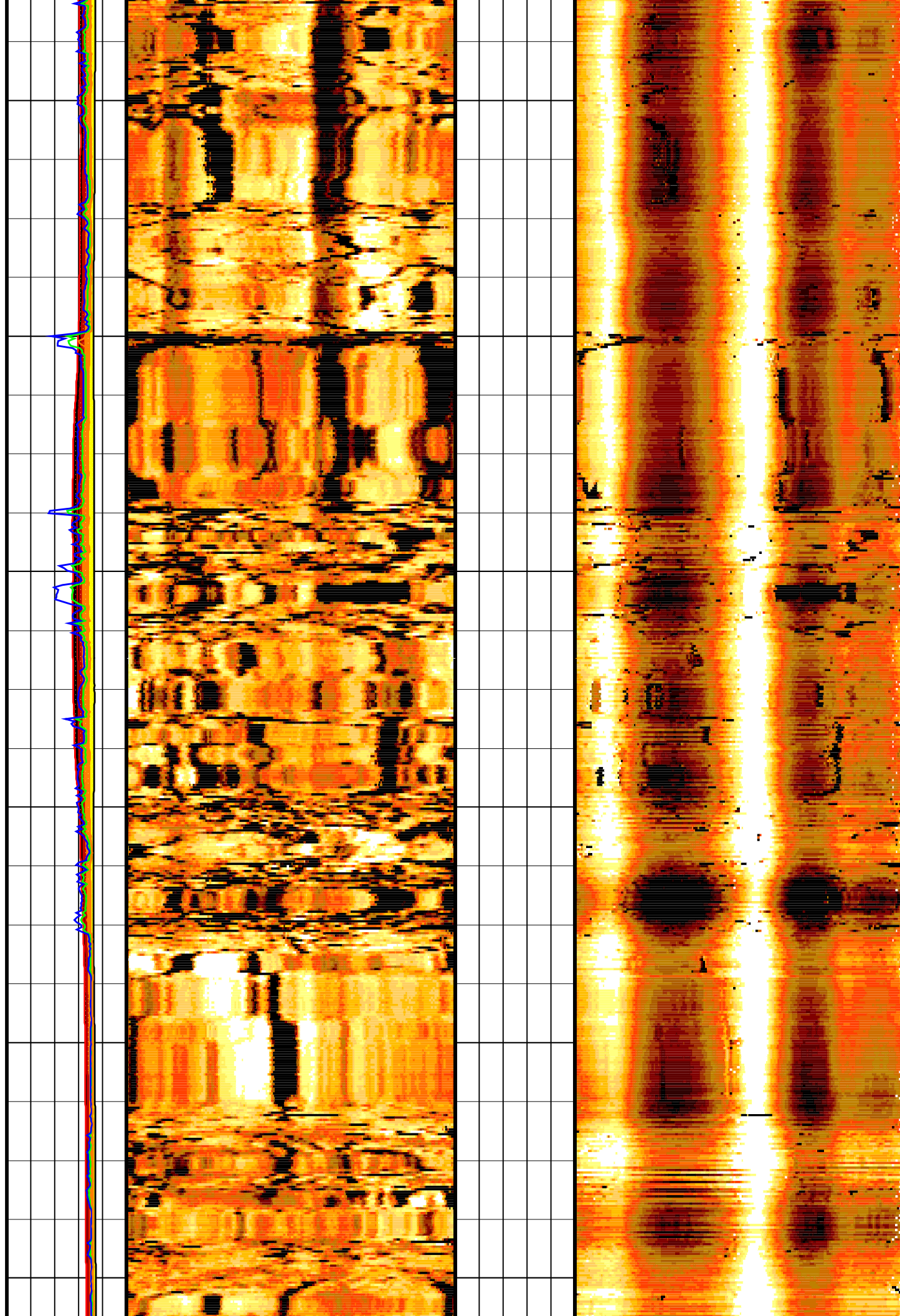
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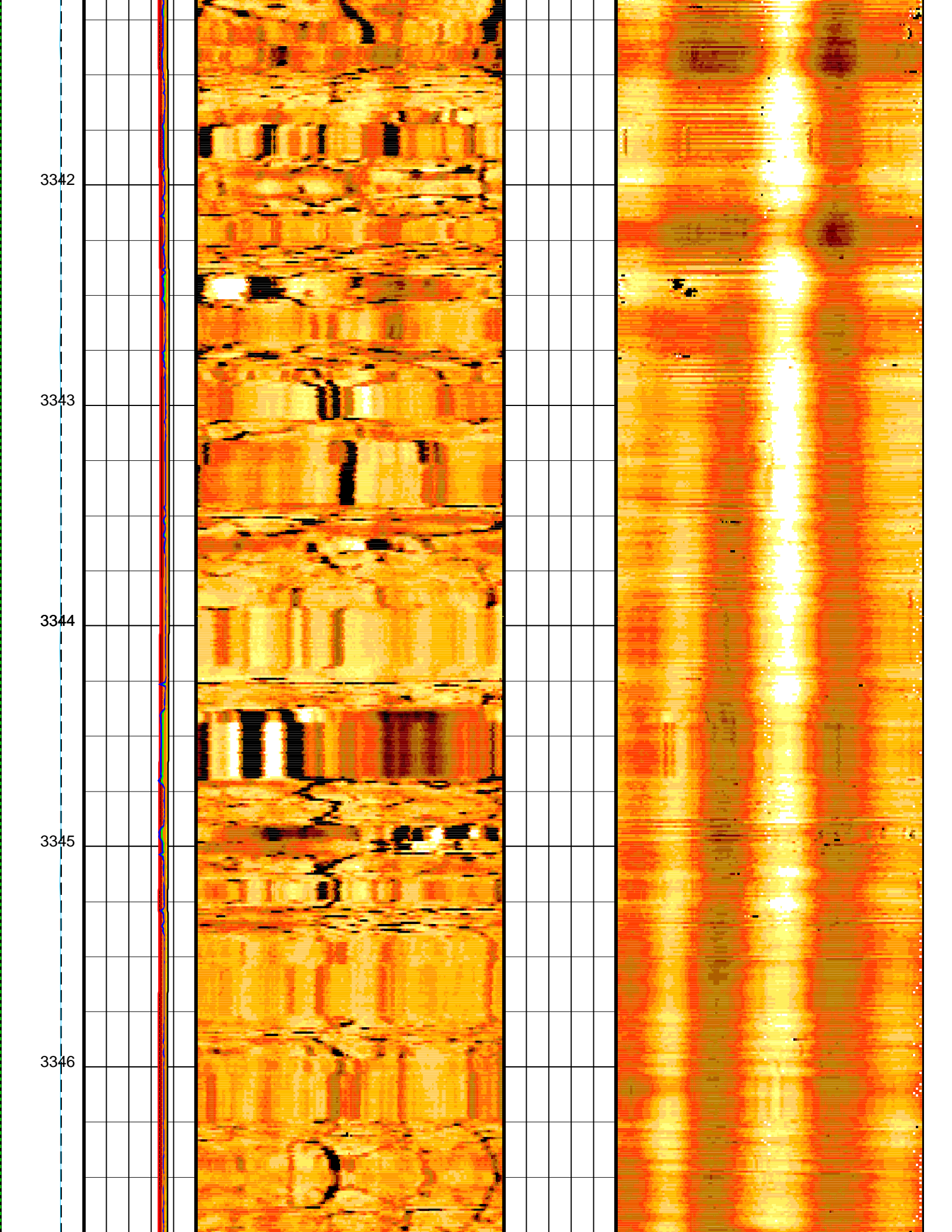
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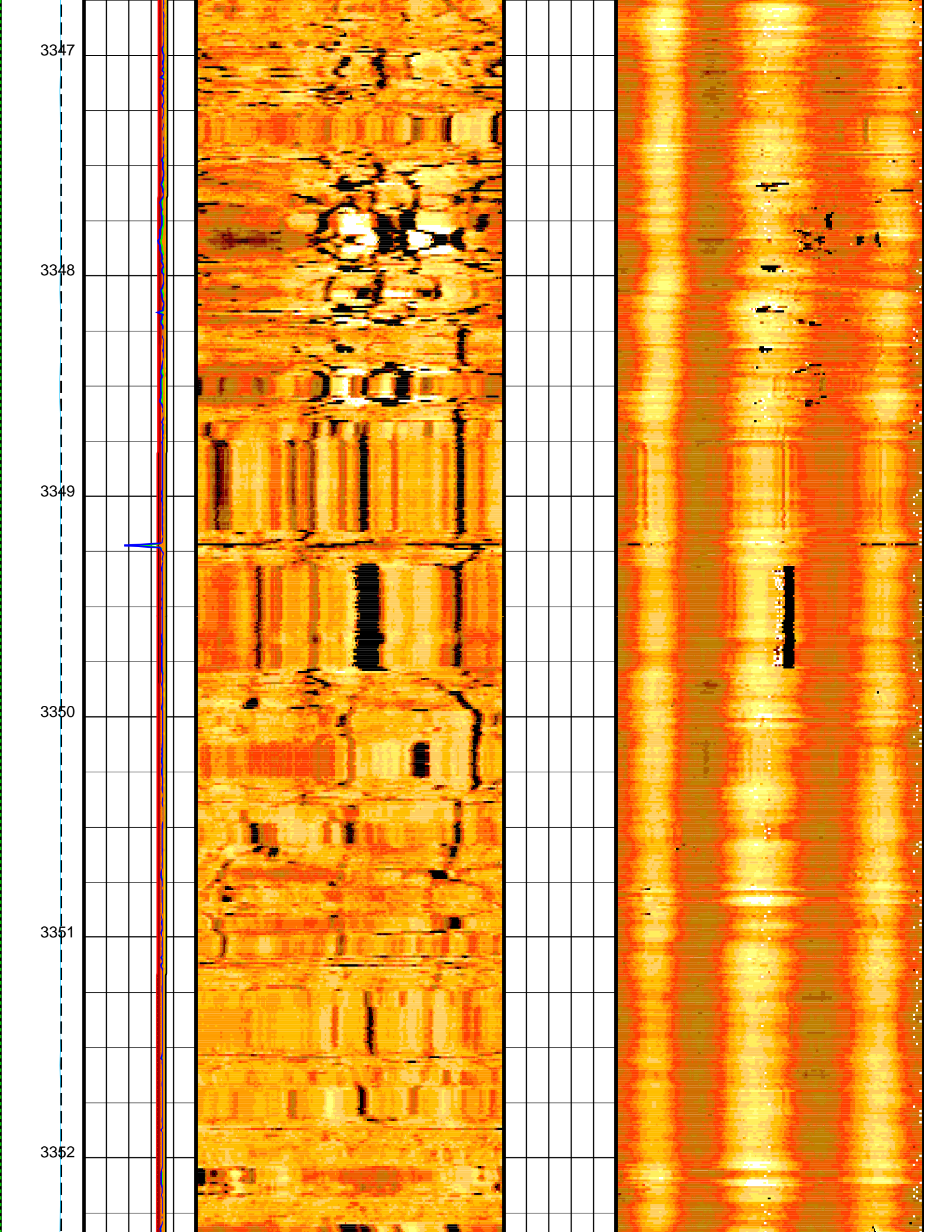
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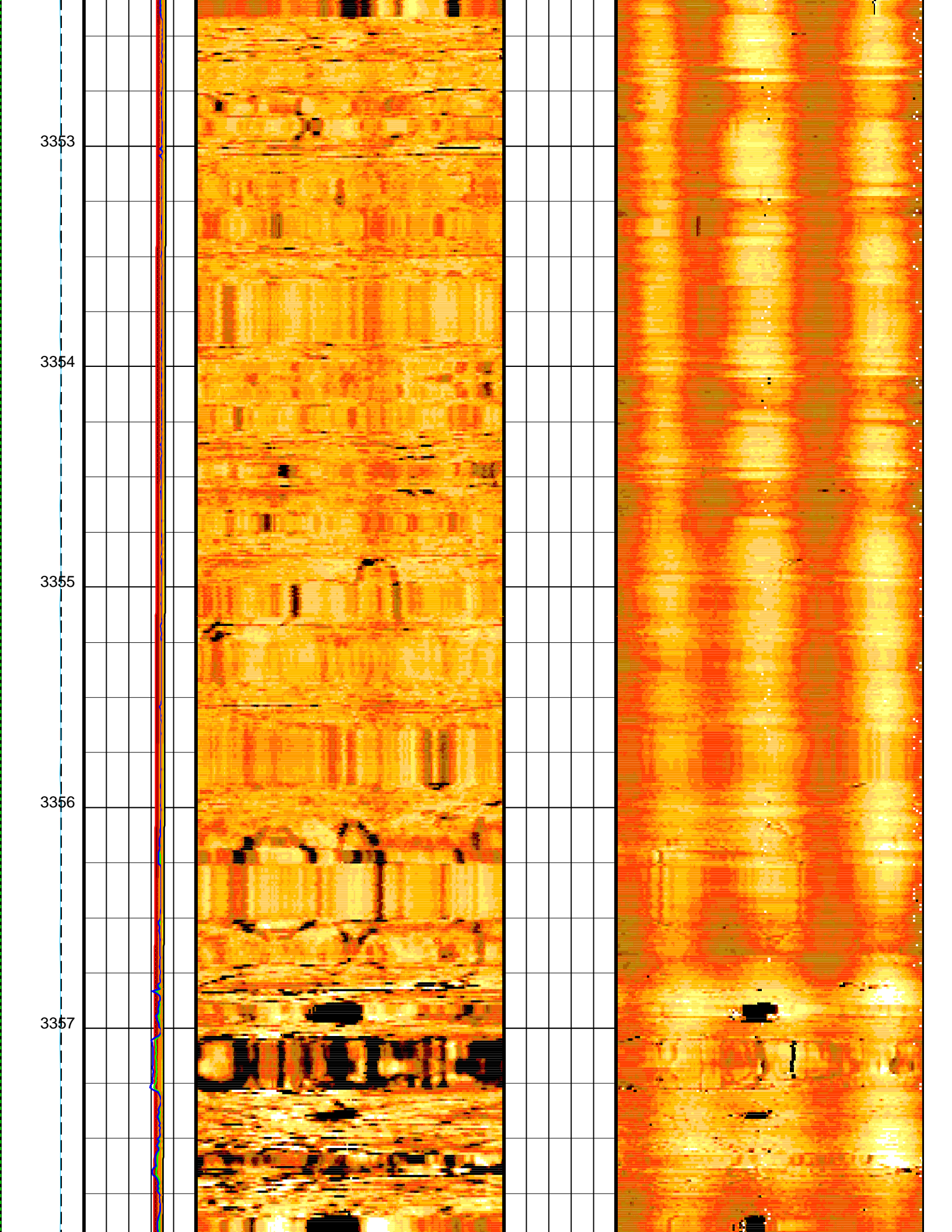
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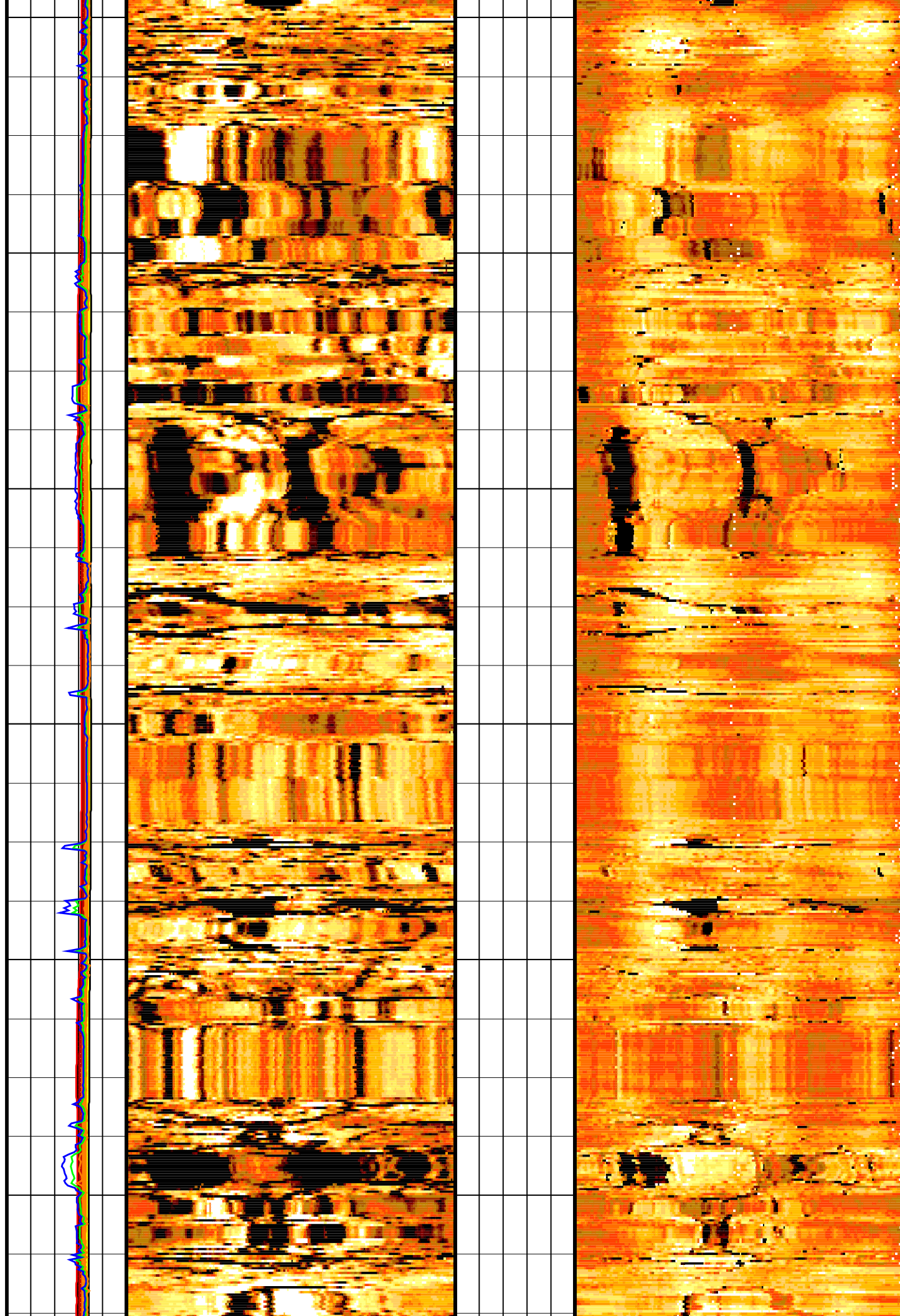
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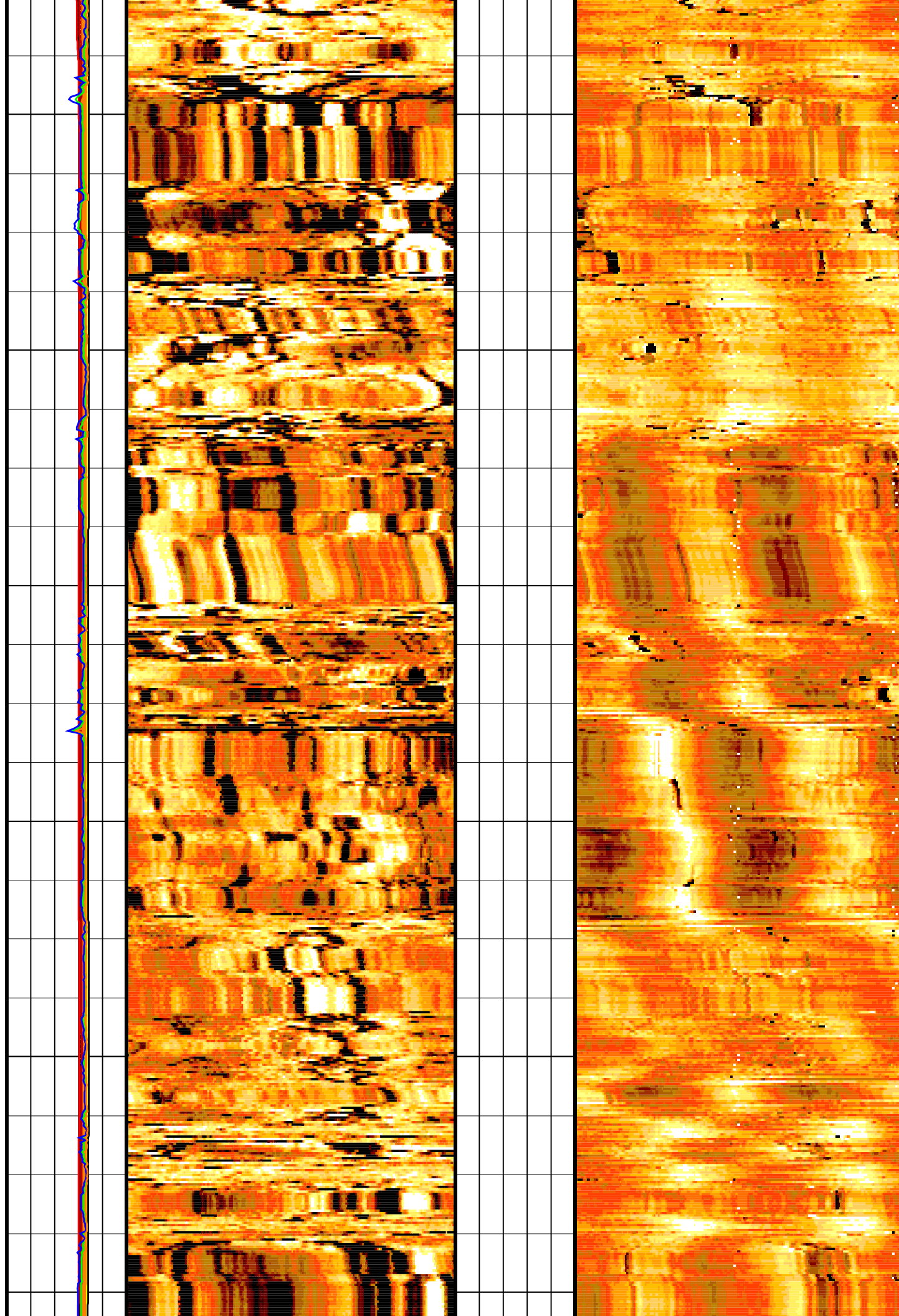
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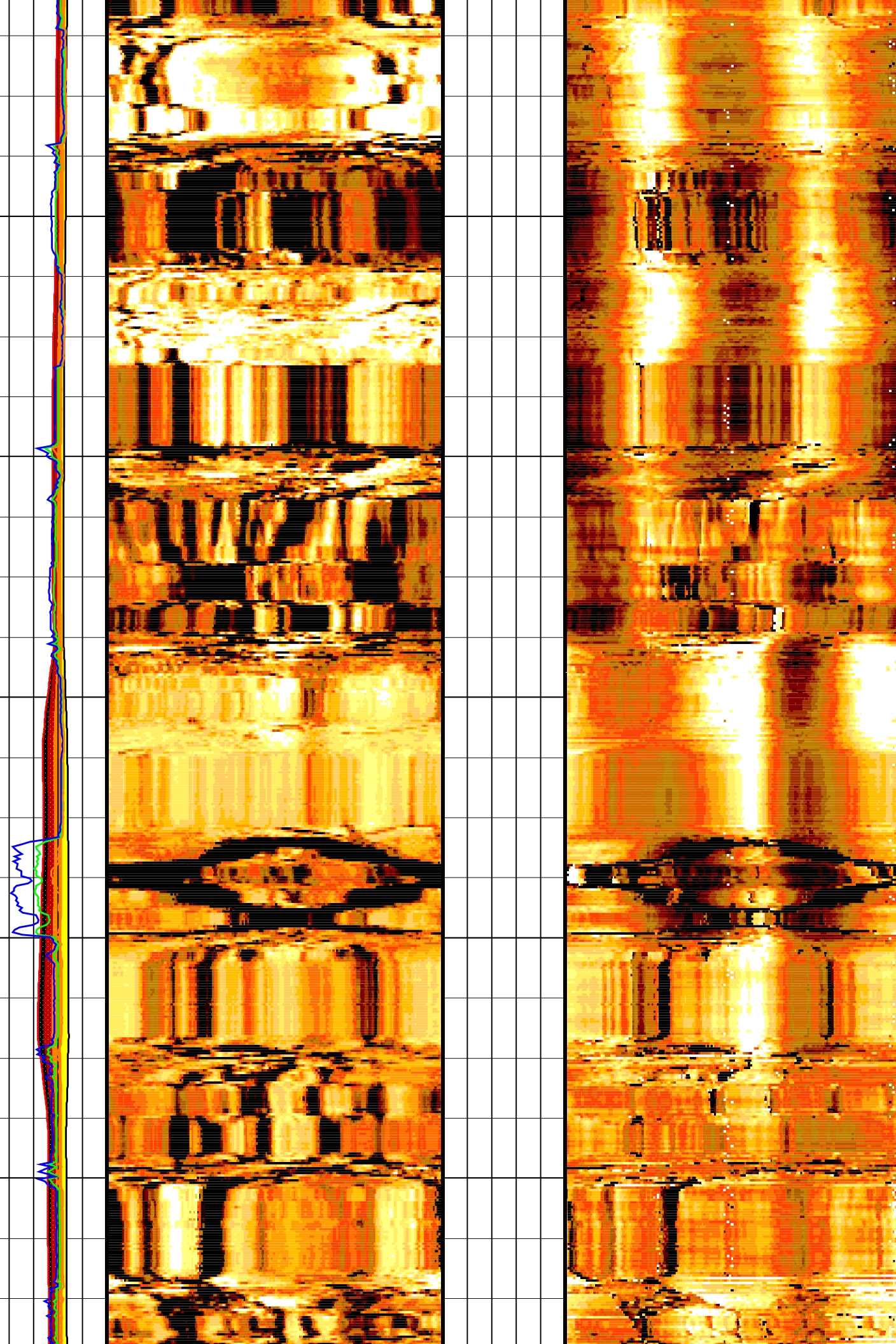
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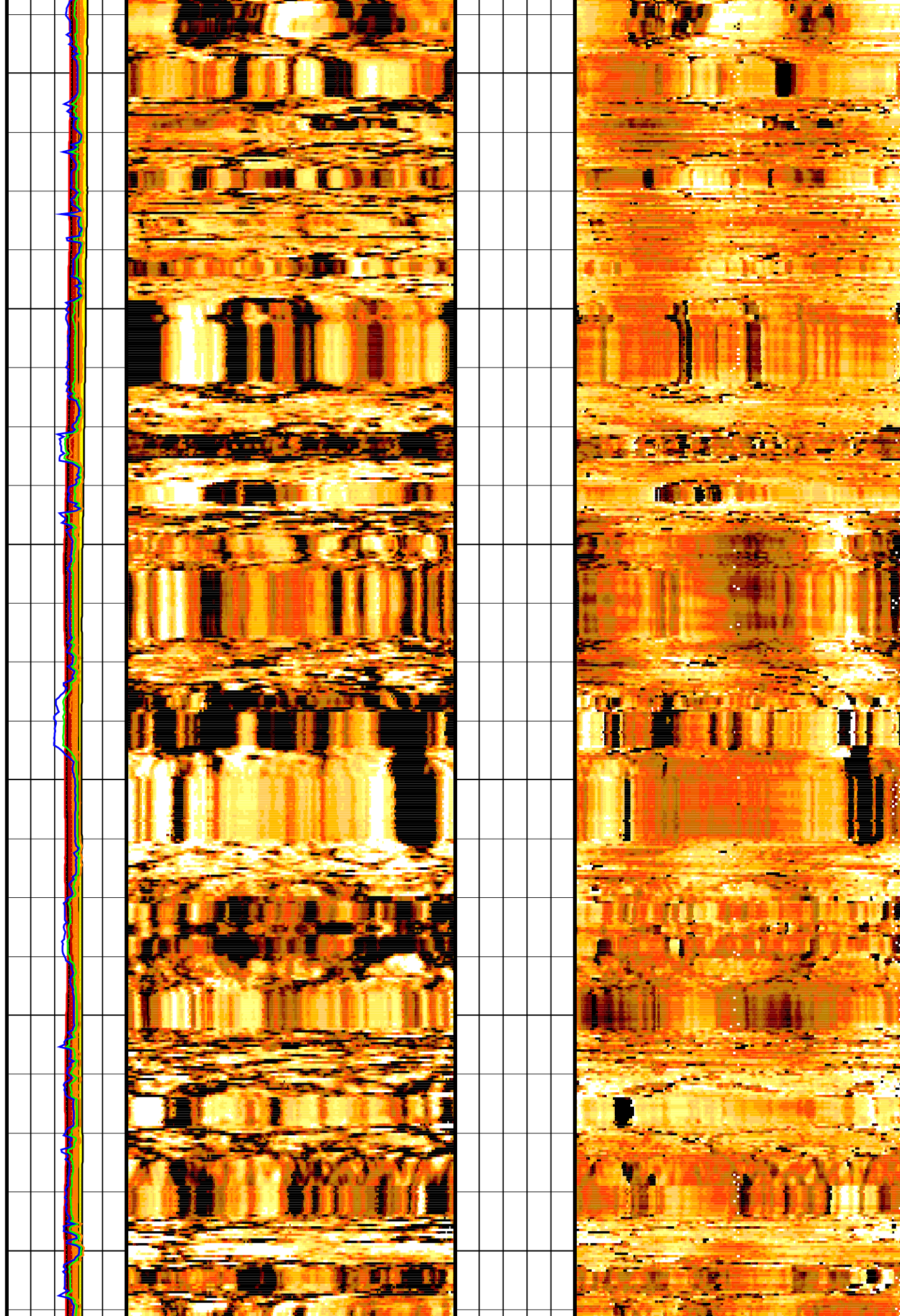
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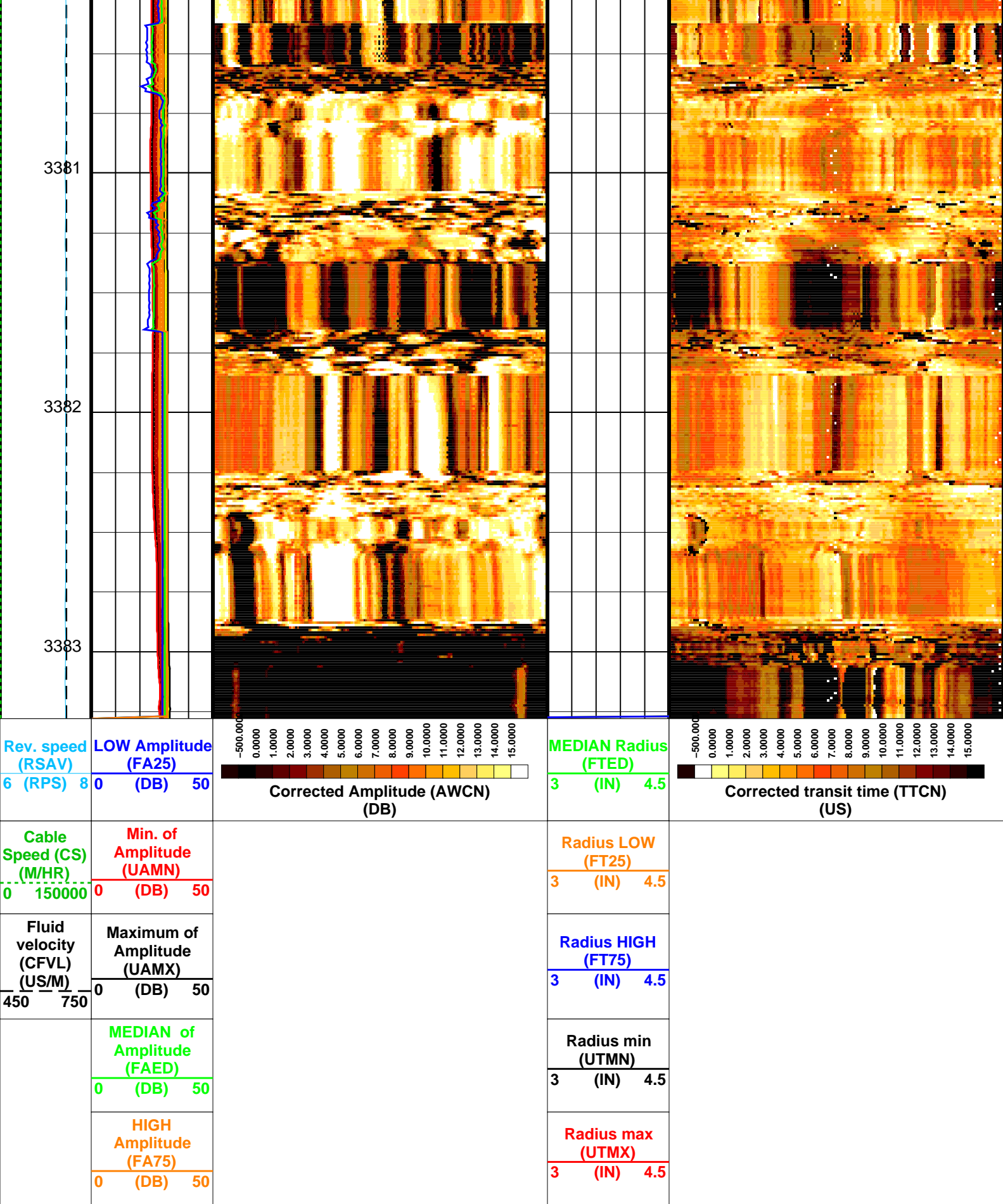
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Format: UBI_Image Vertical Scale: 1:20 Graphics File Created: 10-Aug-2023 09:54

OP System Version: 19C0-187

Parameters			
DLIS Name	Description	Value	
UBI-E: Ultrasonic Borehole Imager – E			
AAMN	Automatic Amplitude Minimum Scale	2	DB
ANGO	Angular Offset	20	DEG
ATMN	Automatic Transit Time Minimum Scale	2	US
CSID	Casing Inner Diameter	10.09	IN
DCMN	Window Decrement Down	0.8	
DCMX	Window Decrement Up	0.6	
DFVL	Default Fluid Velocity	203	US/F
DOT	Diameter of Tool	1.85	IN
ECRL	Eccentering Correction Level	FIRST	
ERDB	Eccentering Rejection	12	DB
FDOS	FVEL Depth Offset	0	M
FMOS	FVEL Measurement Offset	0	US/F
GCSW	Gain Correction	ON	
IMAR	Image Rotation	OFF	
LIM1	Minimum Limit Control	AUTO	
LIM2	Maximum Limit Control	MANUAL	
NBCD	Color Correction Depth Level	80	
NBLD	Eccentering Correction Depth Level	1	
NCDI	Noise Correction Depth Interval	30	
PNSW	Processing Noise Correction	ON	
RCSO	Reference Calibrator Standoff	0.795	IN
RJ60	60 Hz Correction	ON	
SWLV	Sliding Window Minimum	Inh_18us	
SWMX	Sliding Window Maximum	Inh_167us	
UFON	UBI Flagging of Lost Echoes	OFF	
UGOS	UBI/UCI GPIT Offset	3.63	IN
USTO	Ultrasonic Time Offset	-3	US
USUB	UBI Sub Identifier	Sub_5_inch	
UWKM	Current Working Mode	UBI3_SW250_180_1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Output DLIS Files					
DEFAULT	UBI_NGS_050LUP	FN:60	PRODUCER	10-Aug-2023 09:54	
RTB	UBI_NGS_050LUP	FN:61	PRODUCER	10-Aug-2023 09:54	



Main Pass

1:200 Scale

MAXIS Field Log

Company: International Ocean Discovery Program

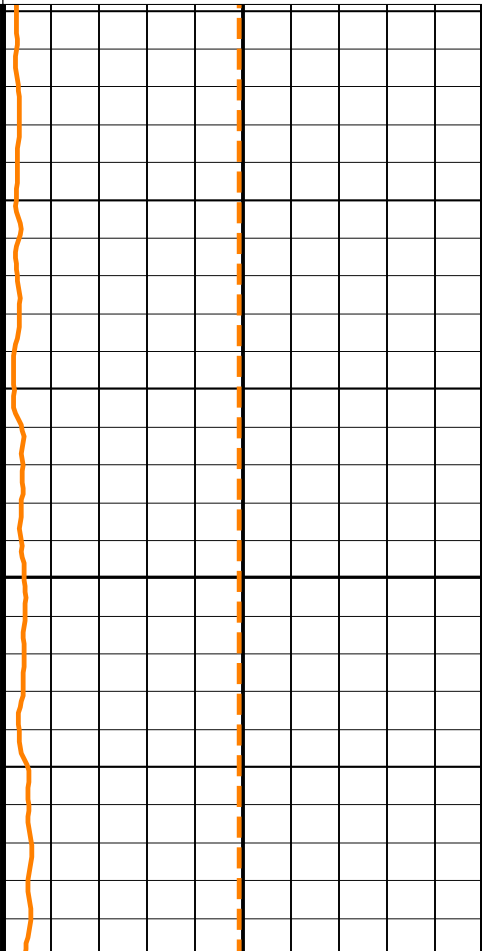
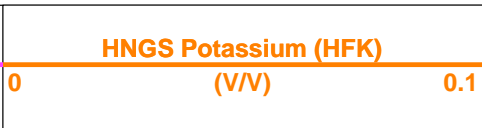
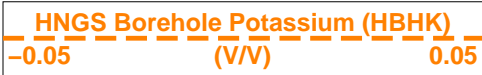
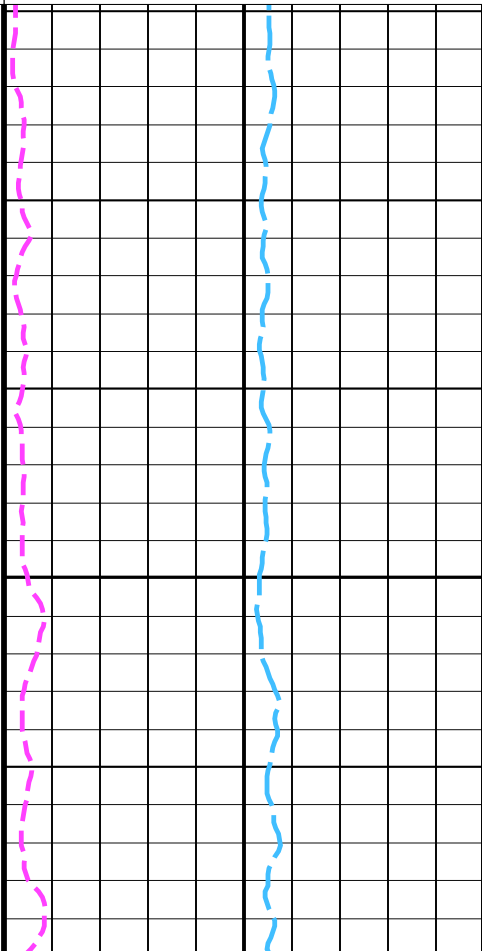
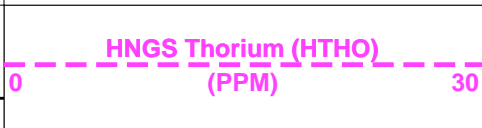
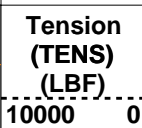
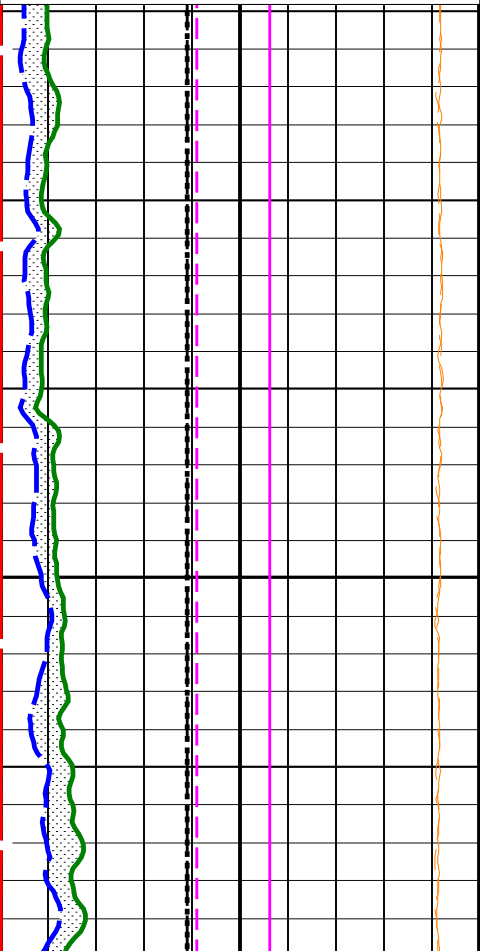
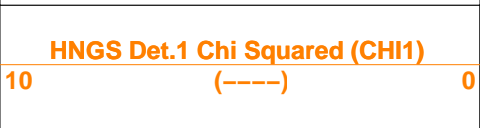
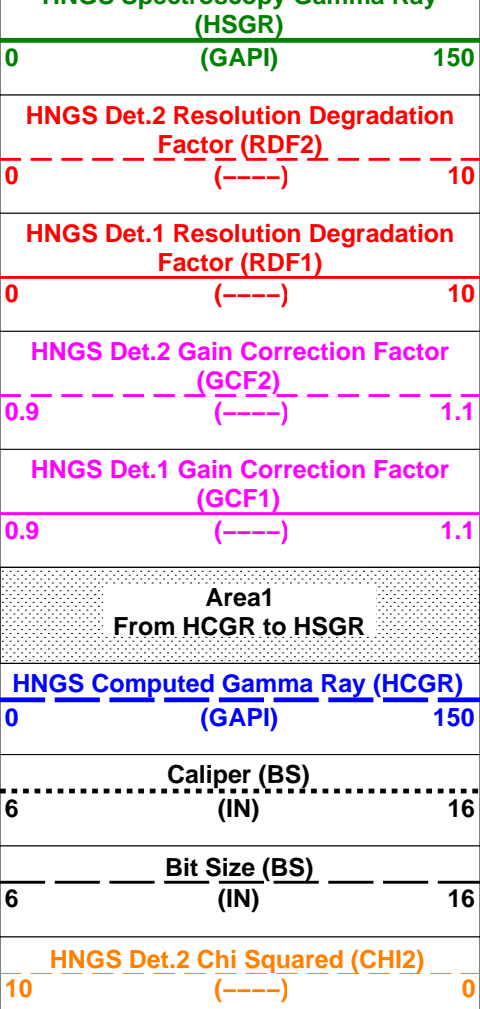
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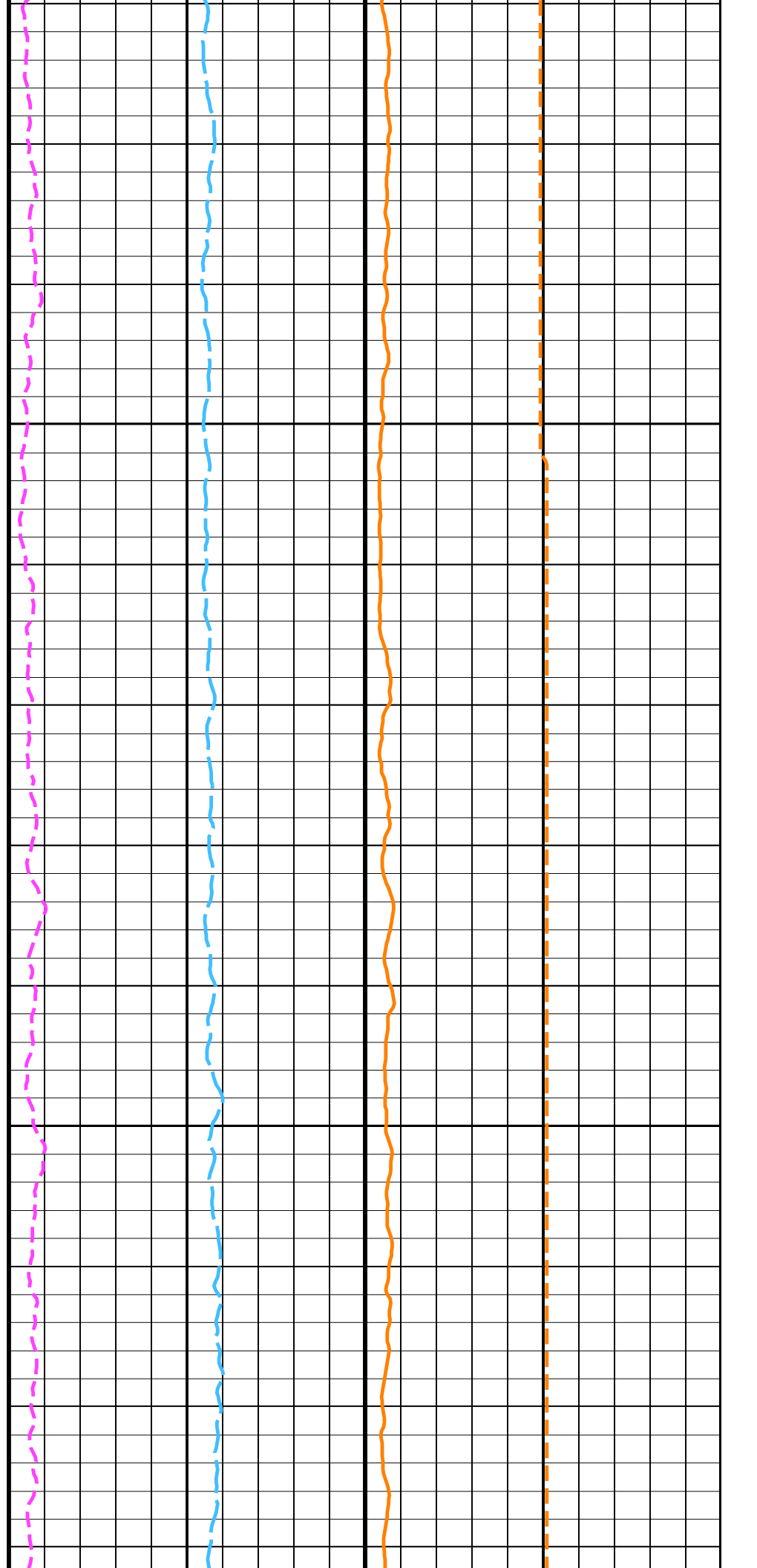
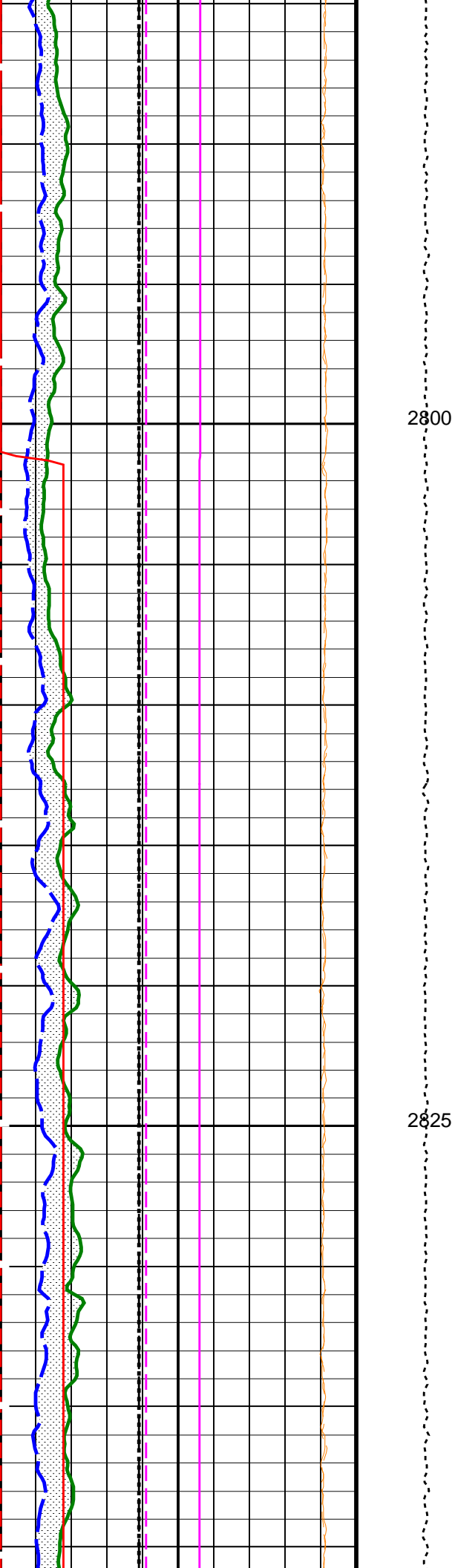
Output DLIS Files						
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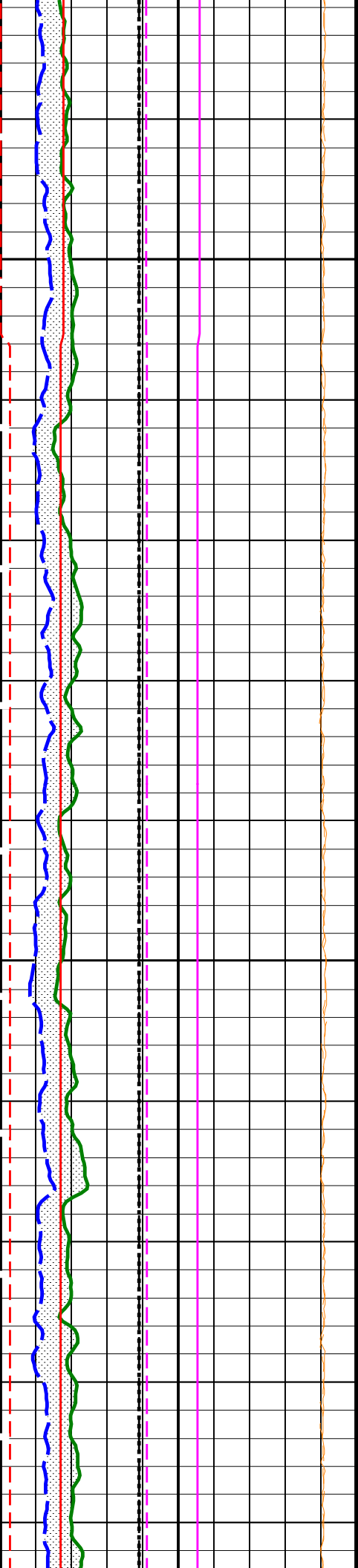
OP System Version: 19C0-187			
UBI-E	19C0-187	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S

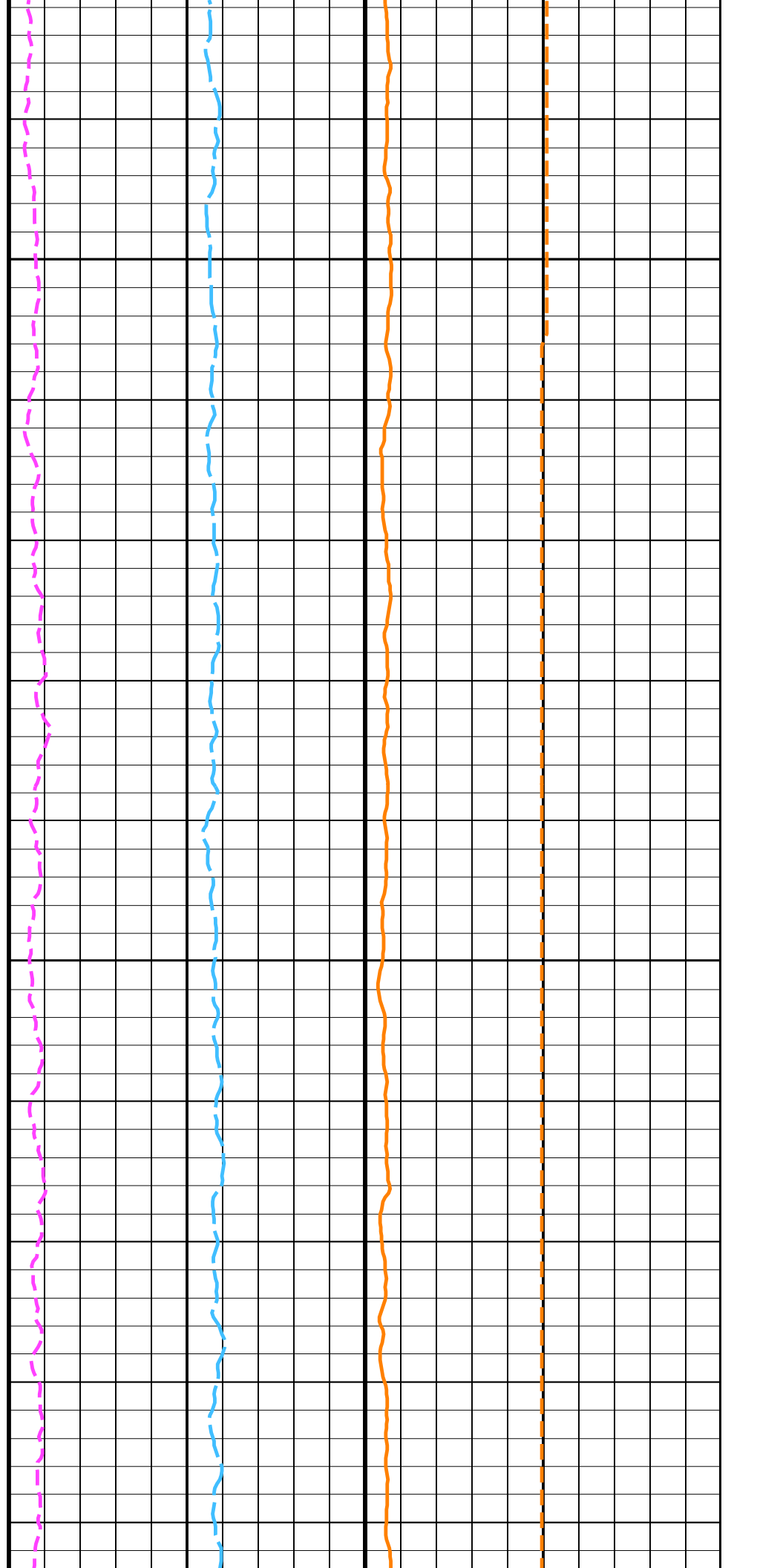


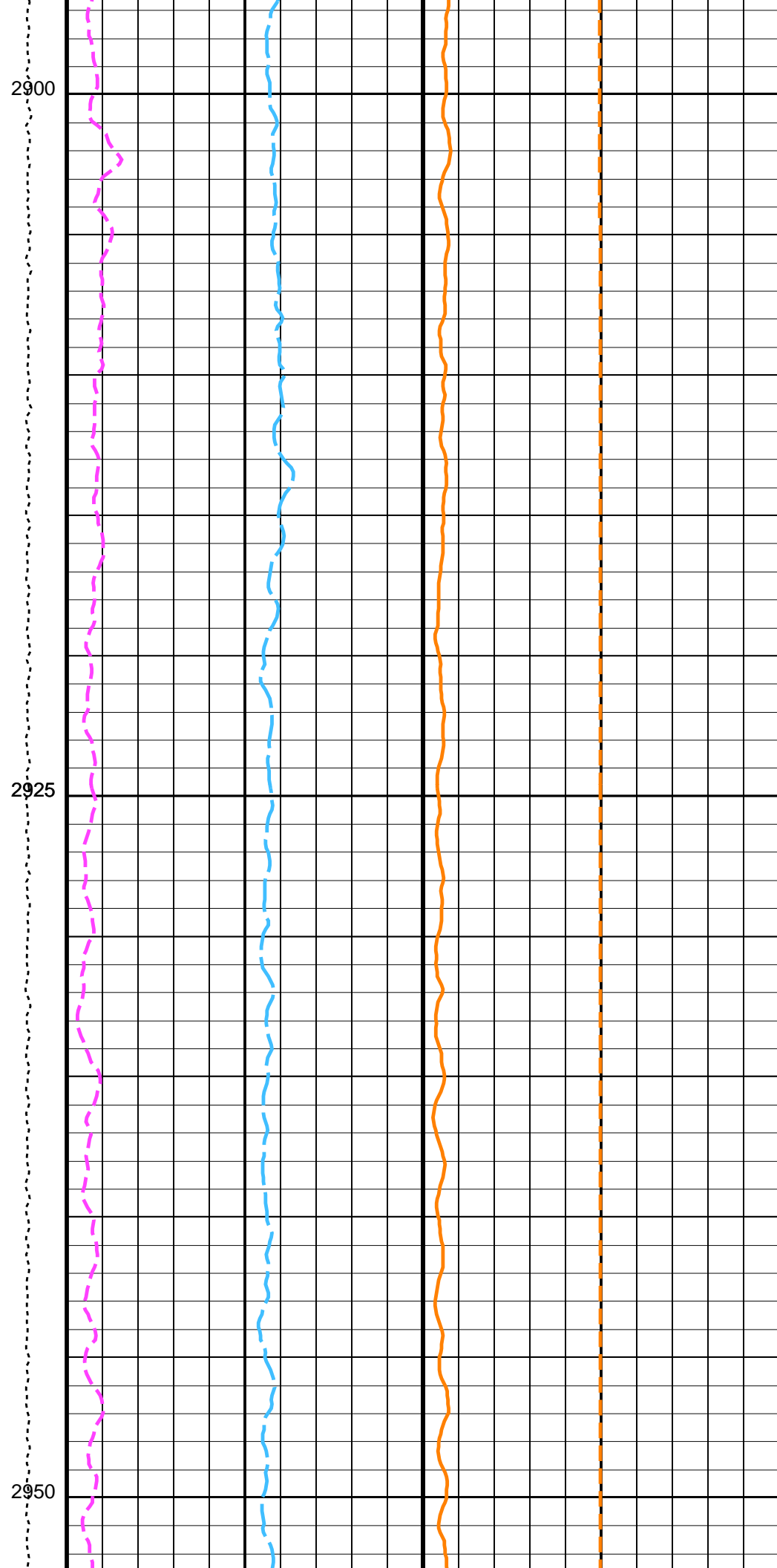
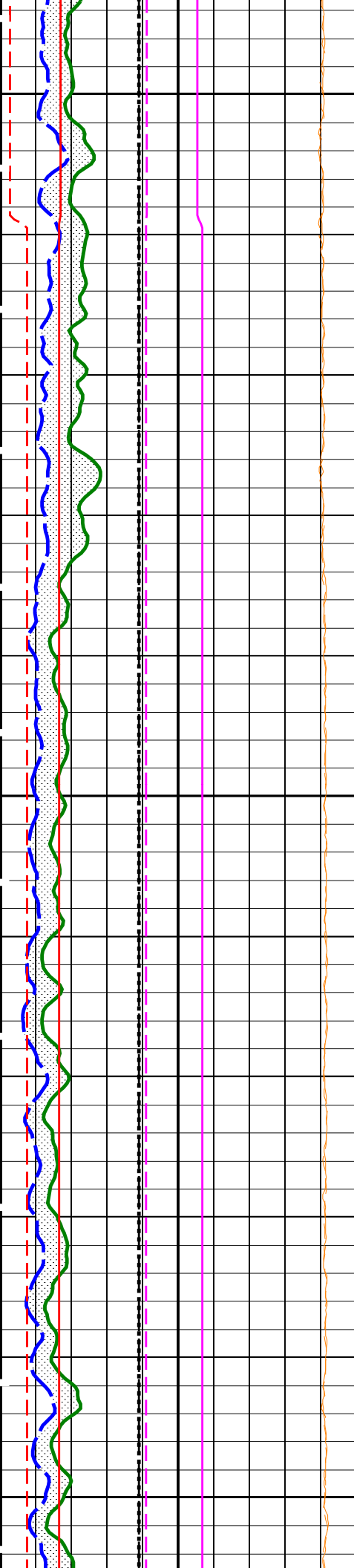


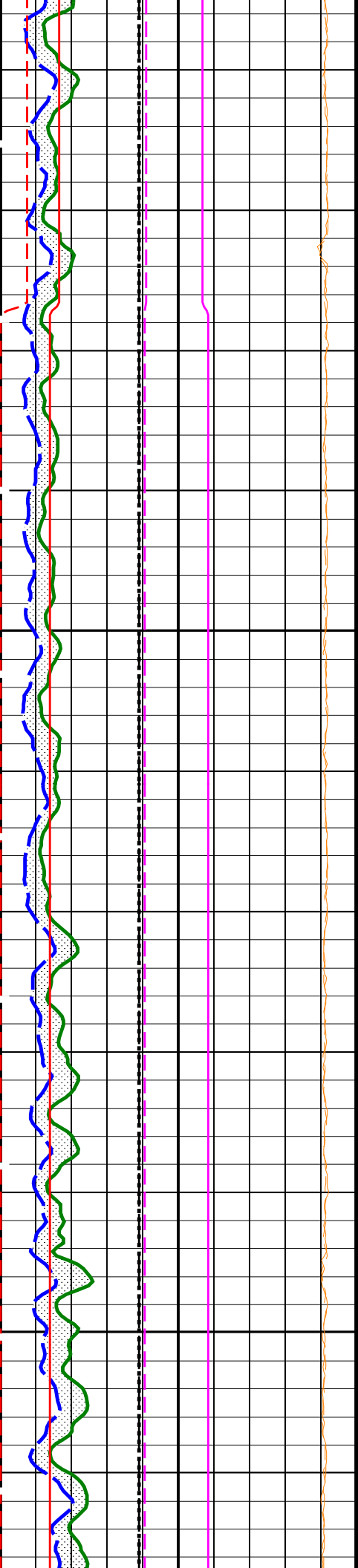


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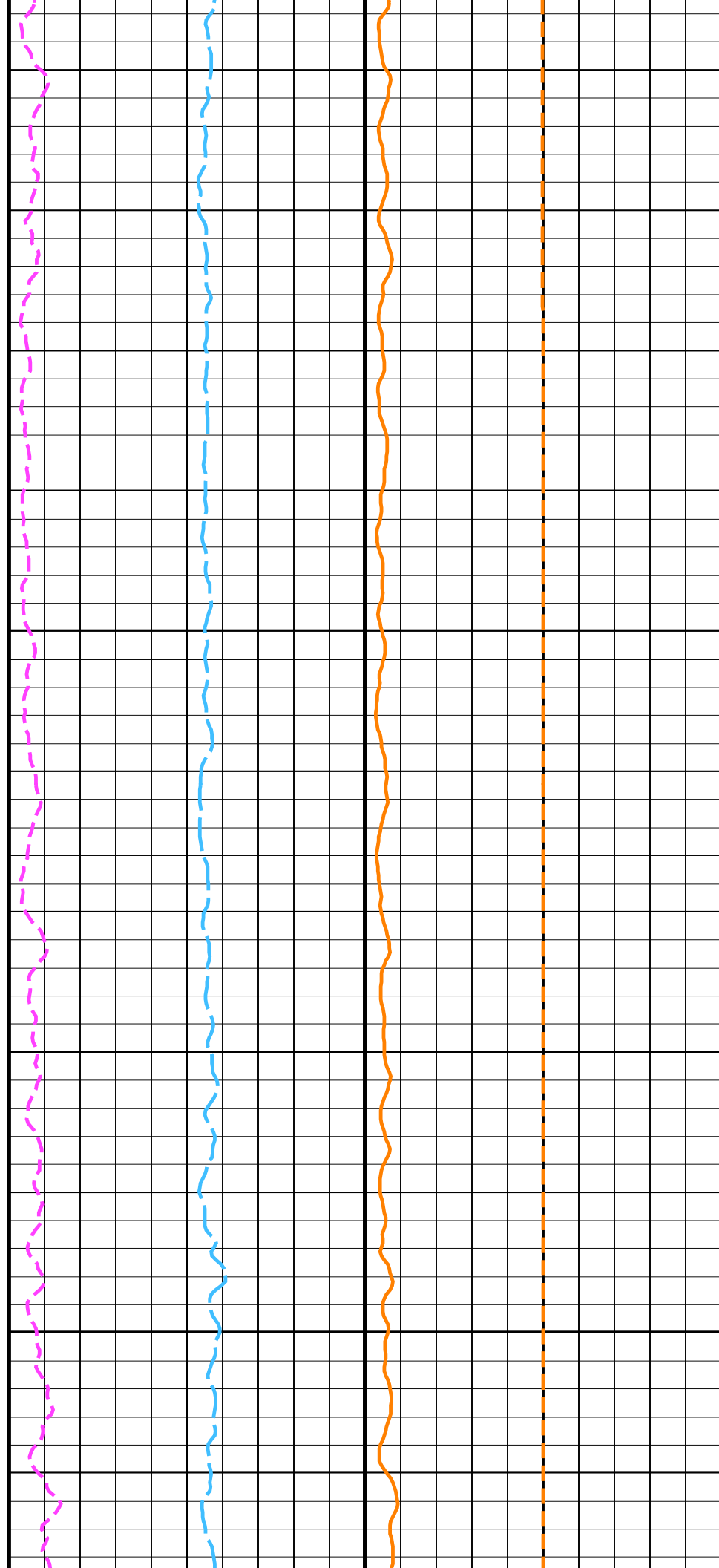


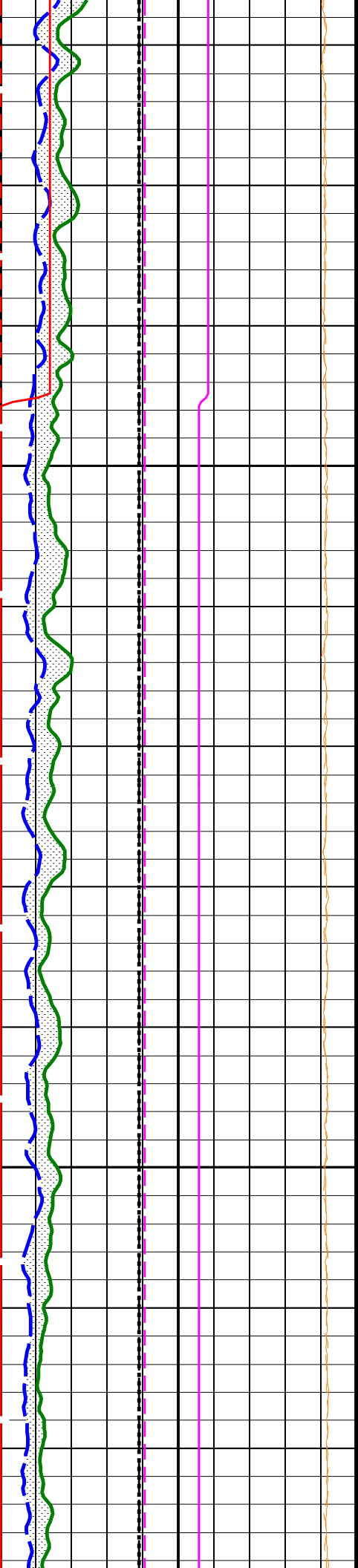




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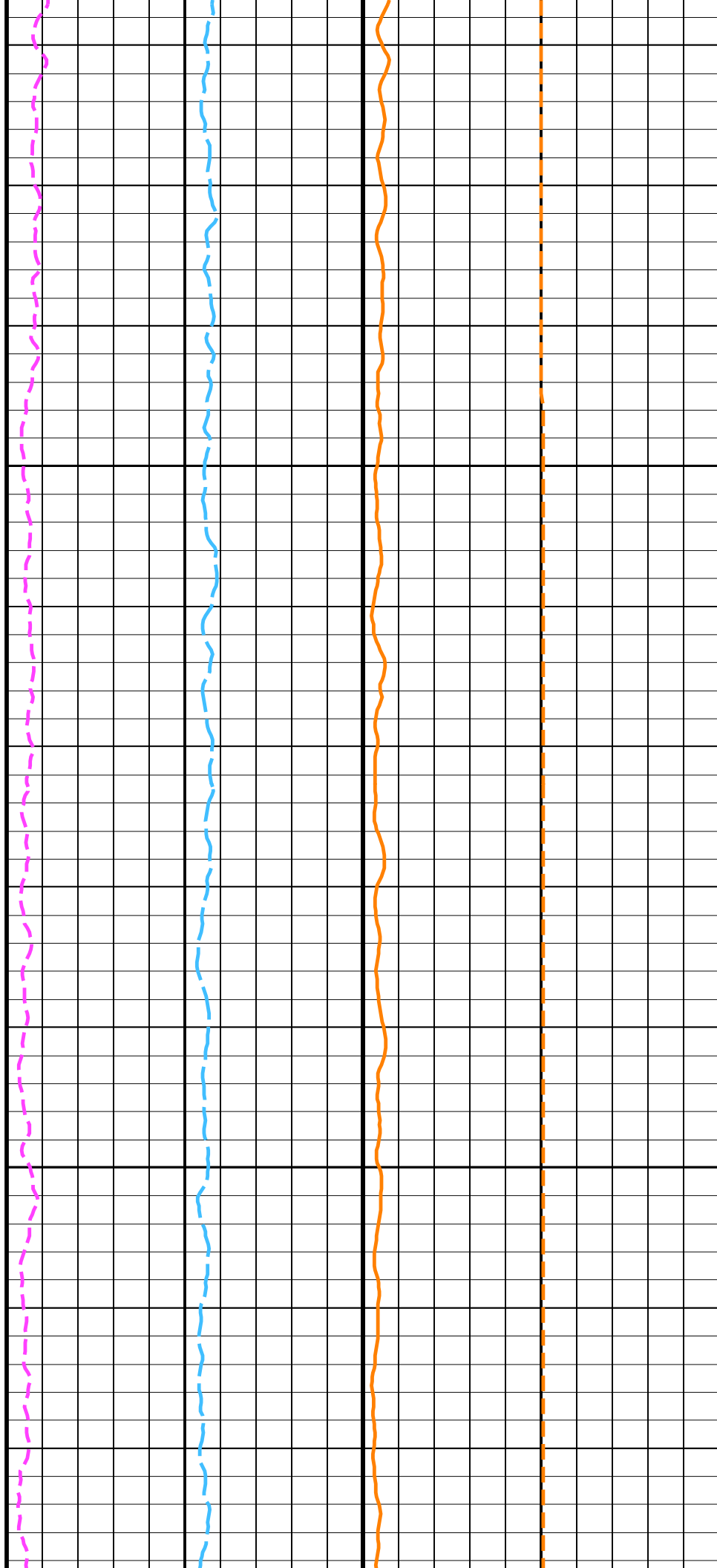
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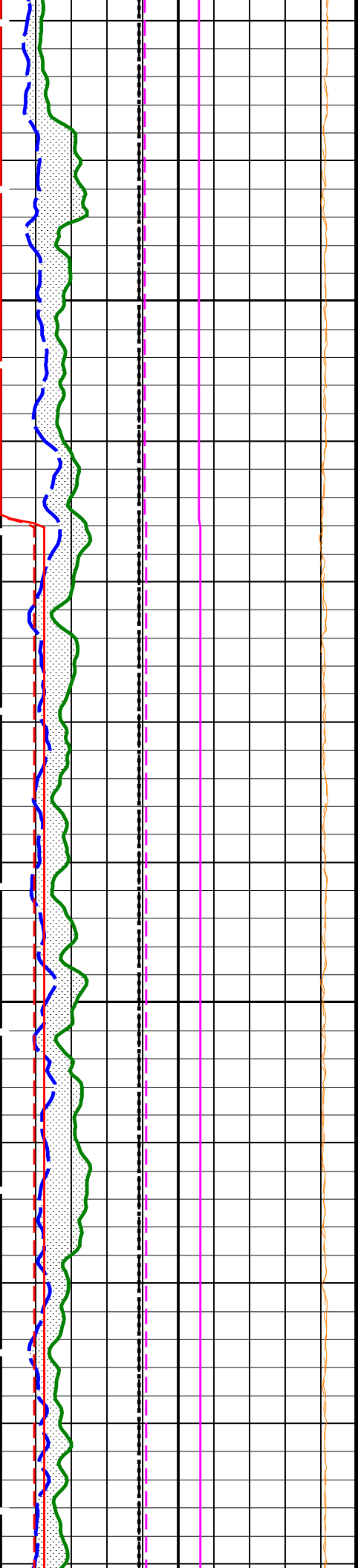




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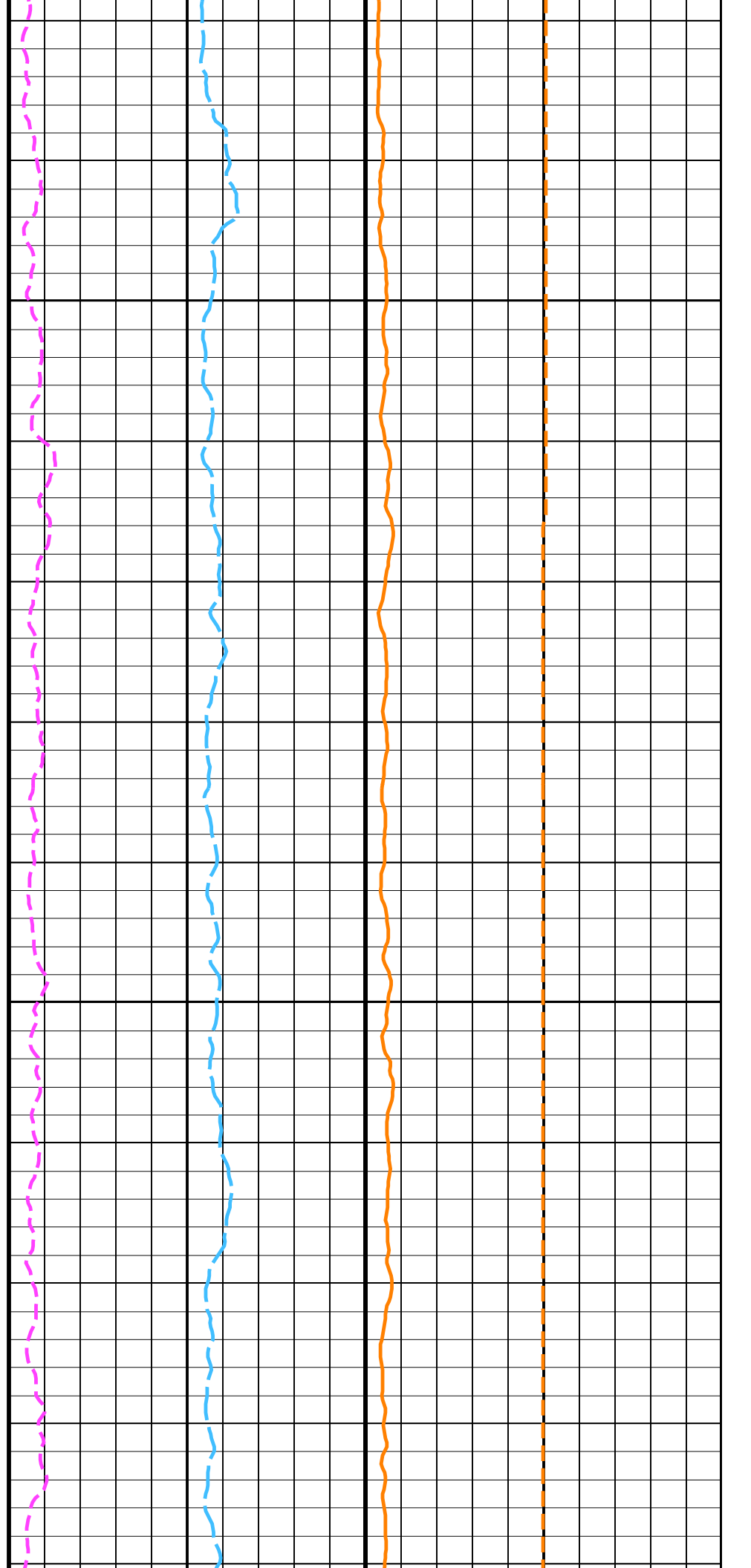
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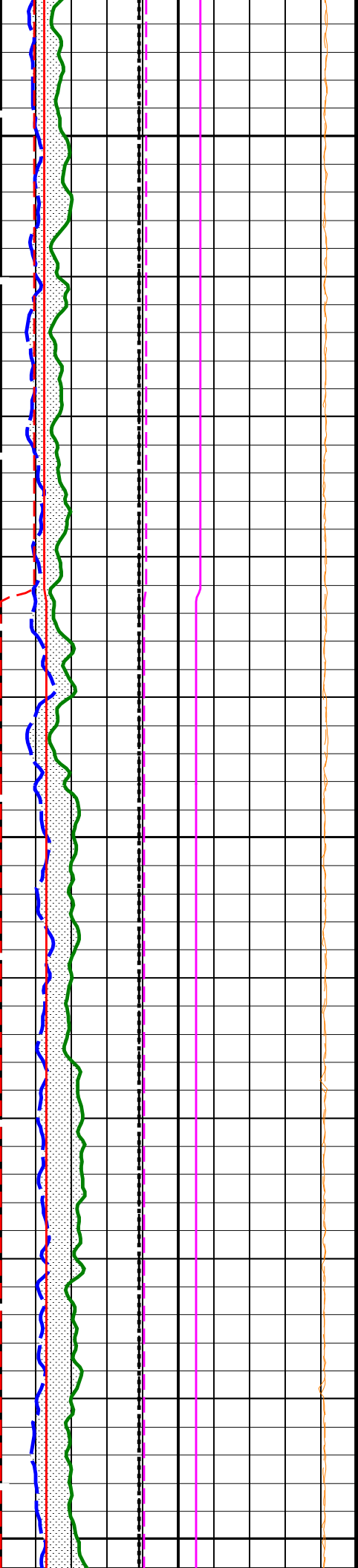




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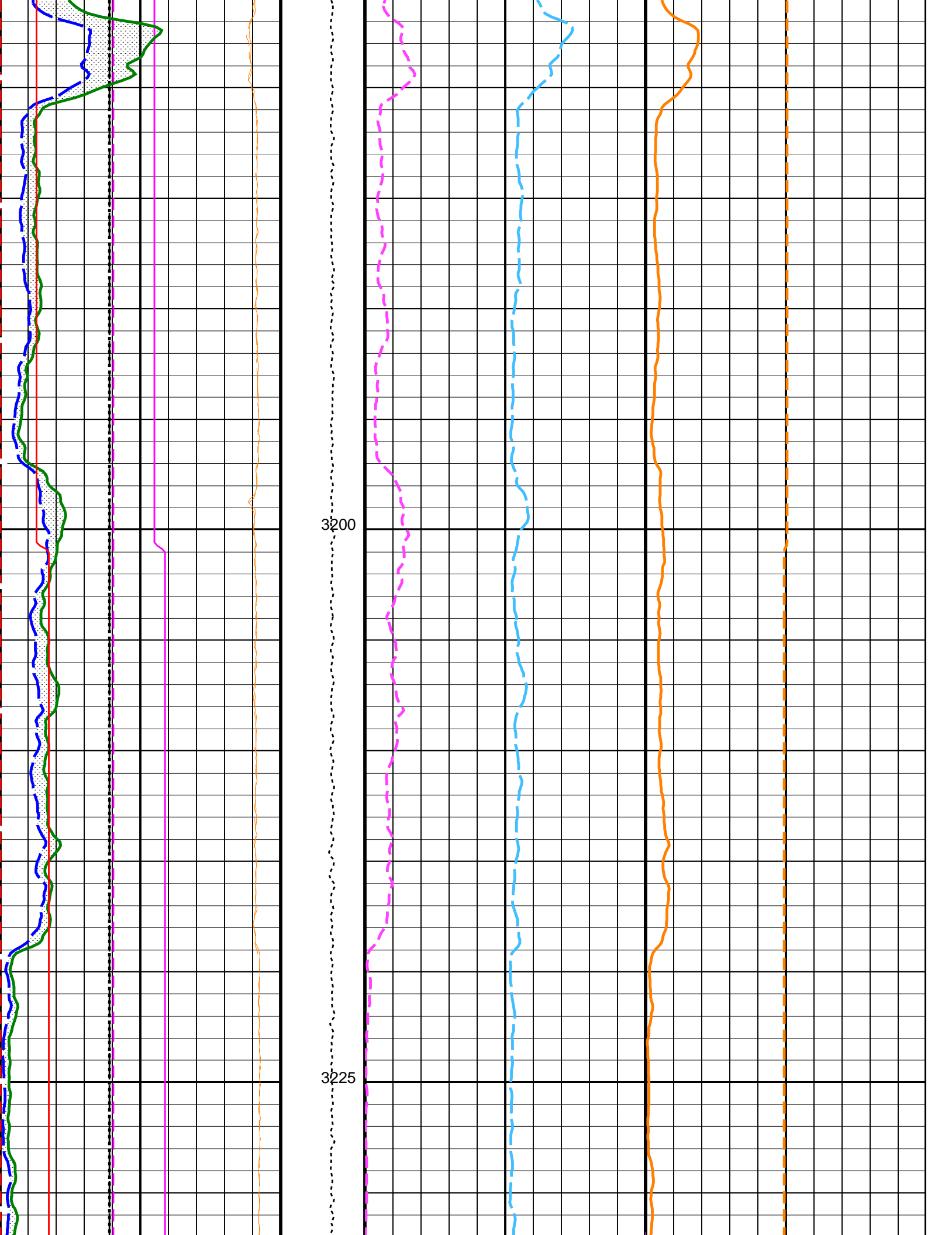


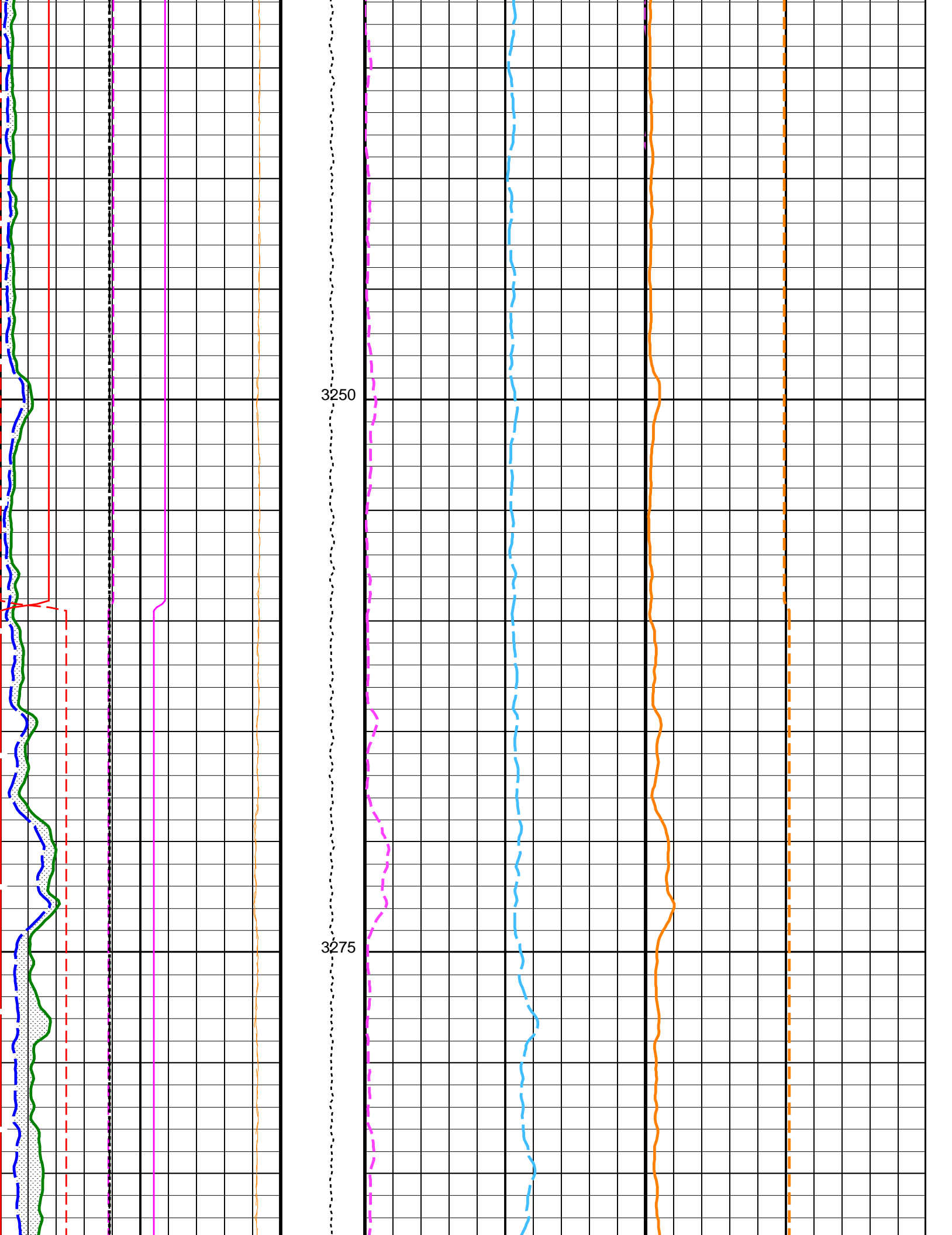
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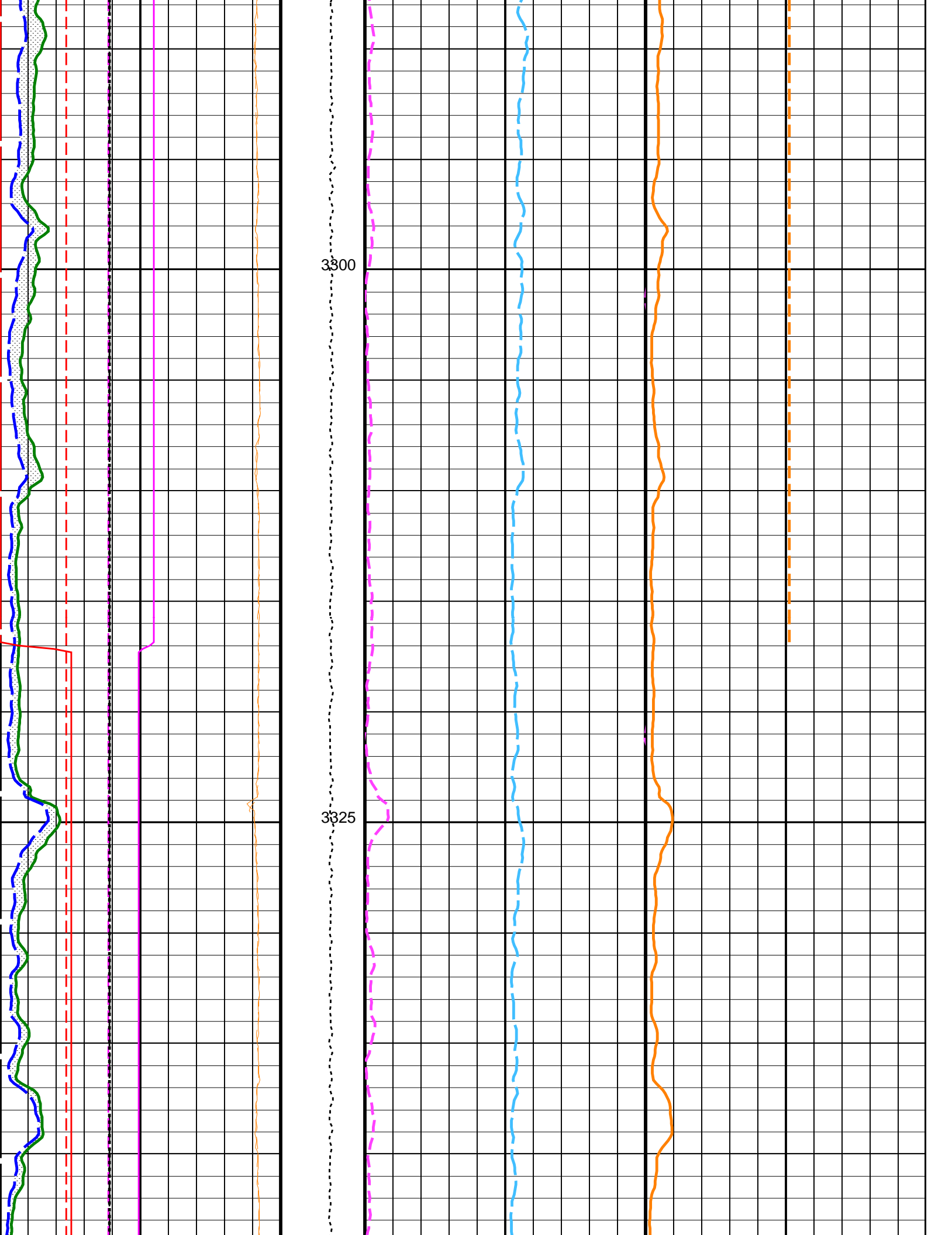
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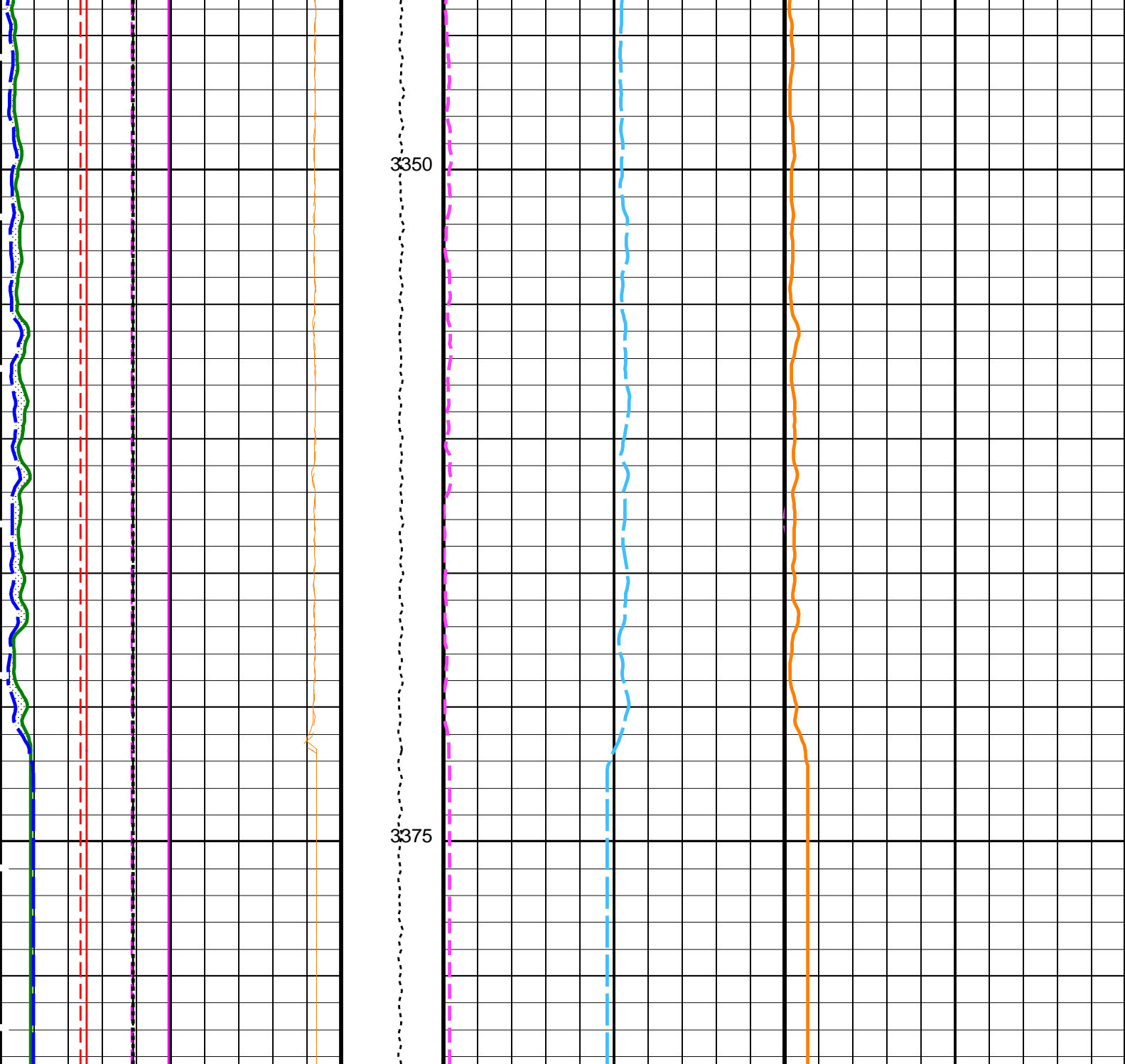
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<div>HNGS Det.1 Chi Squared (CHI1) (-----)</div> <div>100000</div> <div>0</div>		<div>Tension (TENS) (LBF)</div> <div>10000</div> <div>0</div>	<div>HNGS Thorium (HTHO) (PPM)</div> <div>0</div> <div>30</div>	<div>HNGS Potassium (HFK) (V/V)</div> <div>0</div> <div>0.1</div>
<div>HNGS Det.2 Chi Squared (CHI2) (-----)</div> <div>10</div> <div>0</div>		<div>HNGS Uranium (HURA) (PPM)</div> <div>-10</div> <div>30</div>		
<div>Bit Size (BS) (IN)</div> <div>6</div> <div>16</div>		<div>HNGS Borehole Potassium (HBHK) (V/V)</div> <div>-0.05</div> <div>0.05</div>		
<div>Caliper (BS) (IN)</div> <div>6</div> <div>16</div>				
<div>HNGS Computed Gamma Ray (HCGR) (GAPI)</div> <div>0</div> <div>150</div>				
<div>Area1 From HCGR to HSGR</div>				
<div>HNGS Det.1 Gain Correction Factor</div>				

HNGS Det.1 Gain Correction Factor (GCF1)		
0.9	(-----)	1.1
HNGS Det.2 Gain Correction Factor (GCF2)		
0.9	(-----)	1.1
HNGS Det.1 Resolution Degradation Factor (RDF1)		
0	(-----)	10
HNGS Det.2 Resolution Degradation Factor (RDF2)		
0	(-----)	10
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	BS	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	5.80734e-005	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.931725	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.863395	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	BS	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.02	G/C3

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 10-Aug-2023 10:54

OP System Version: 19C0-187

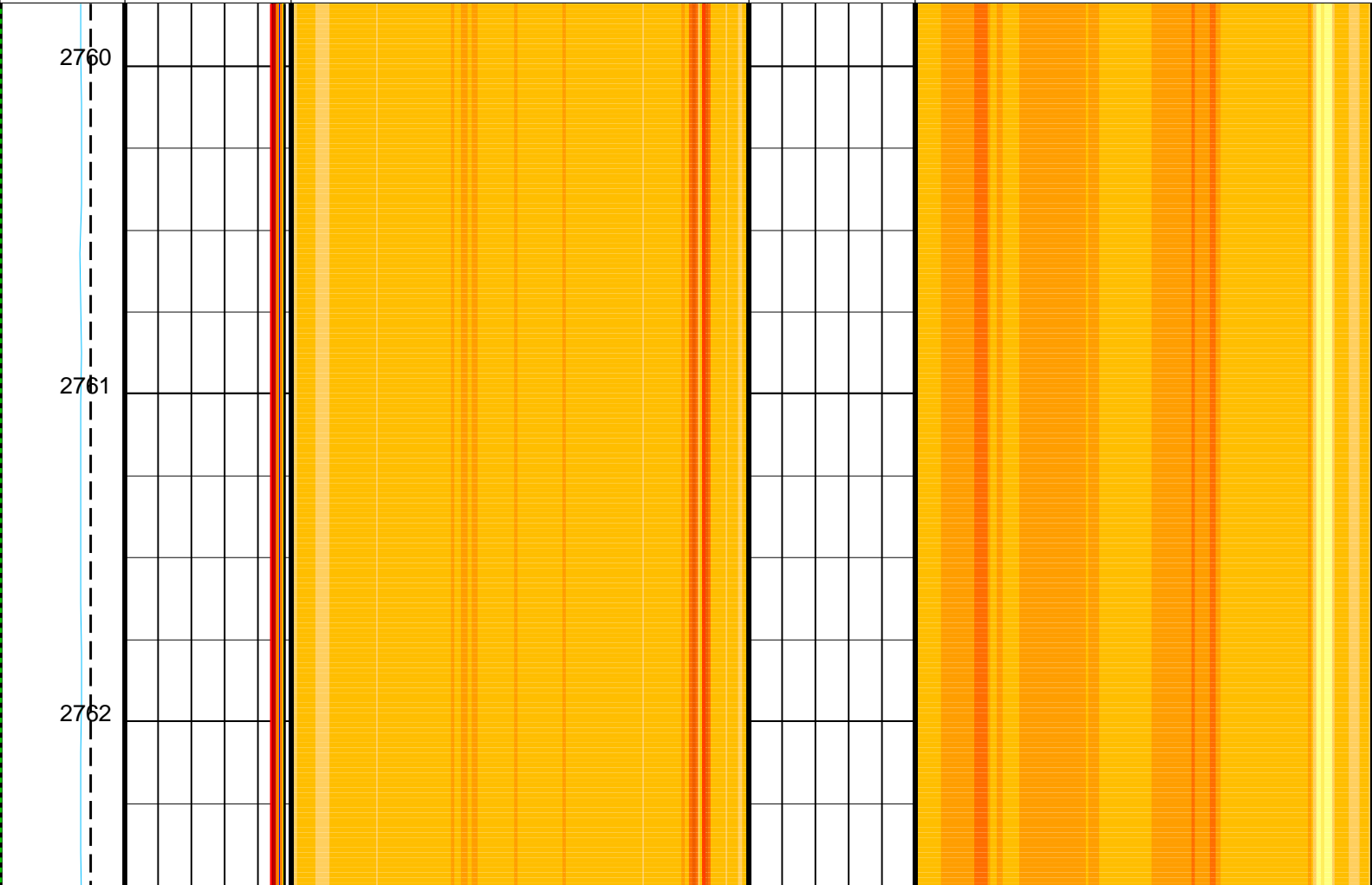
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DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

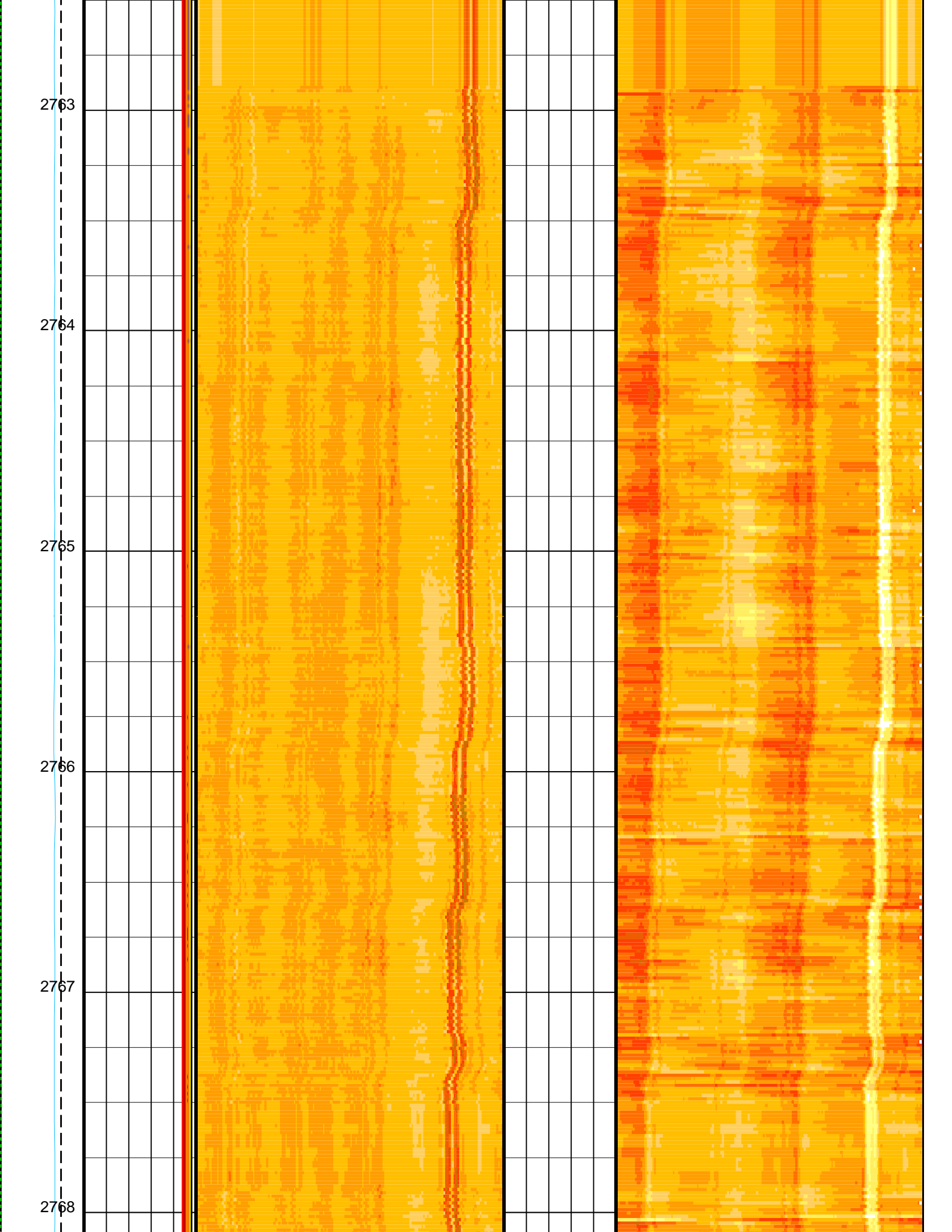
Output DLIS Files

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RTB	UBI_NGS_051LUP	FN:63	PRODUCER	10-Aug-2023 10:54

Output DLIS Files

OP System Version: 19C0-187			
UBI-E	19C0-187	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187





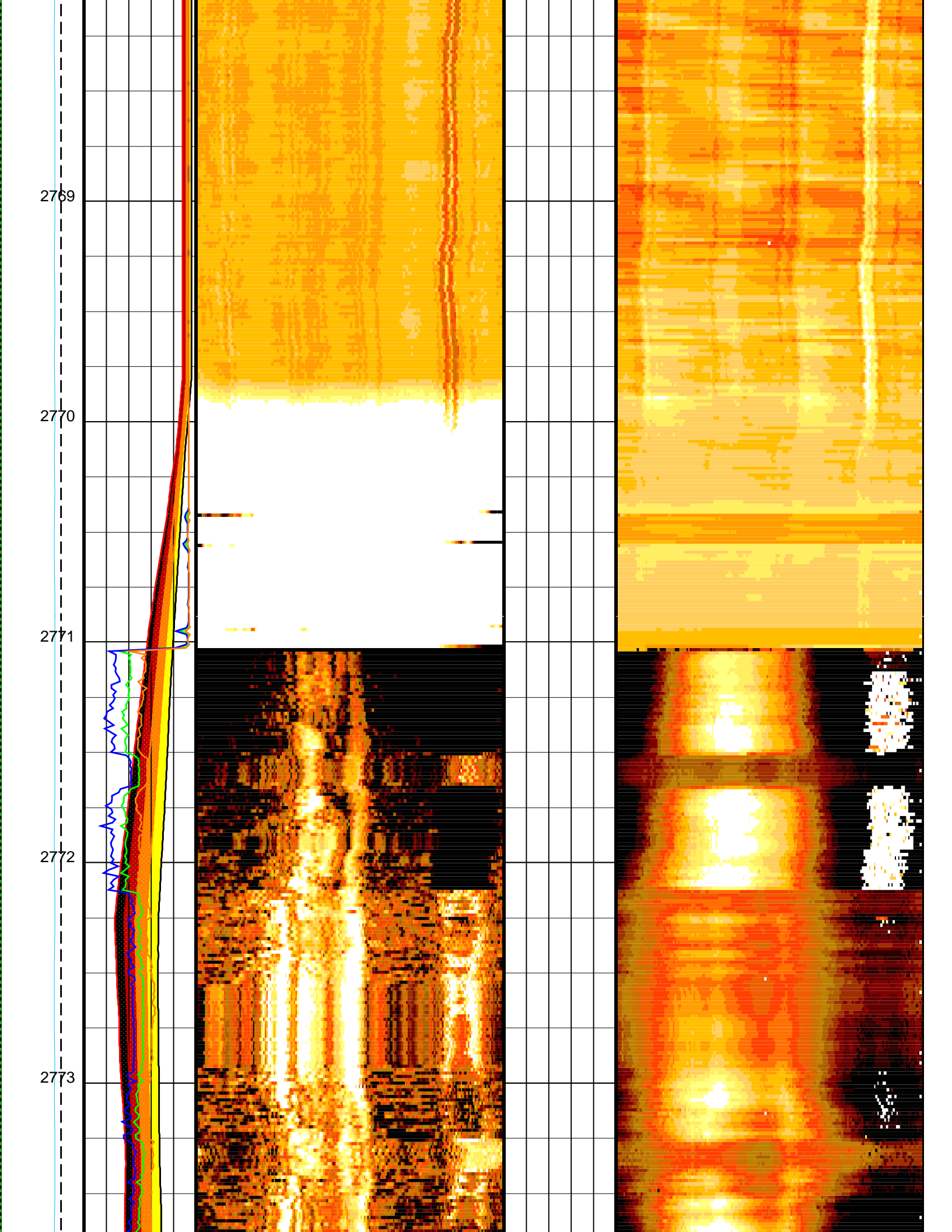
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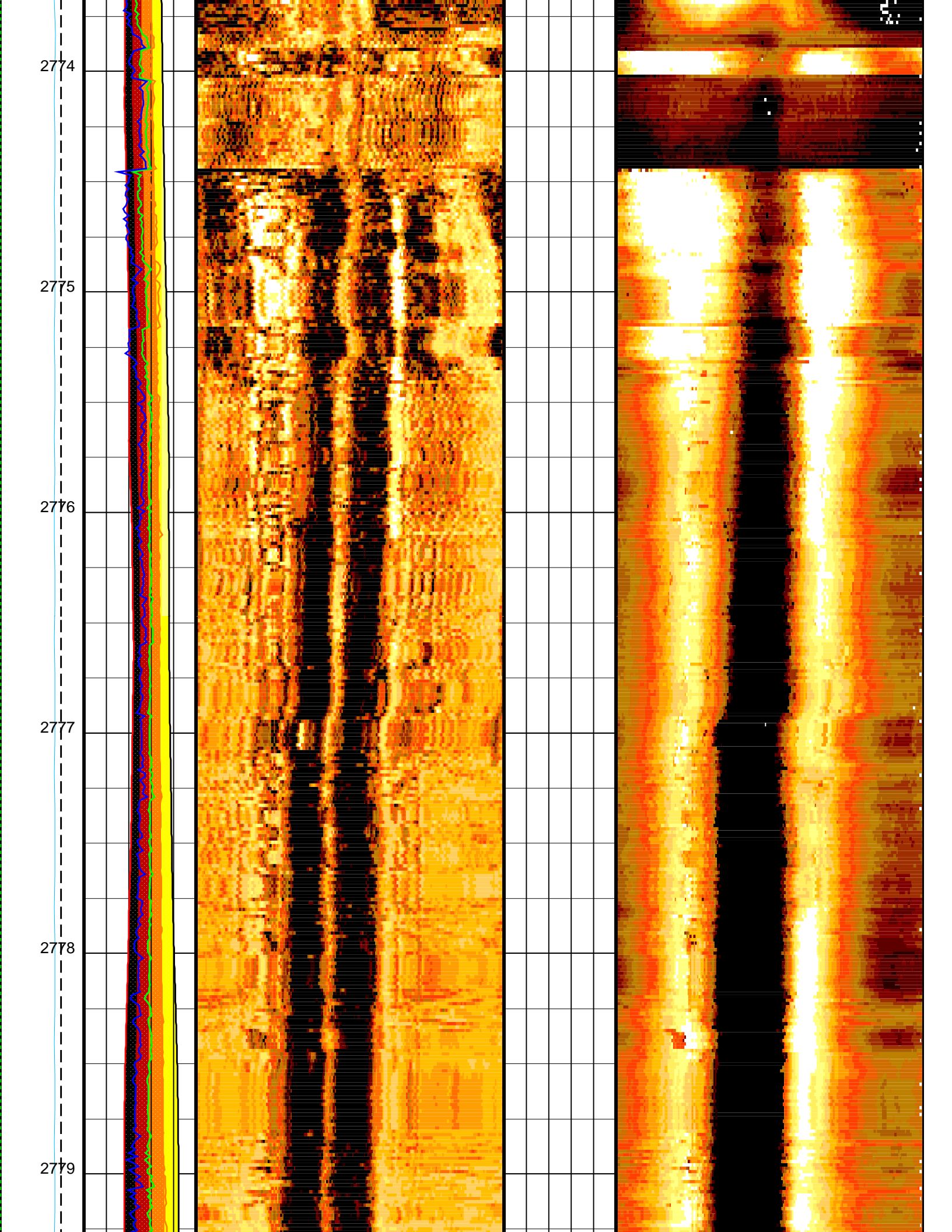
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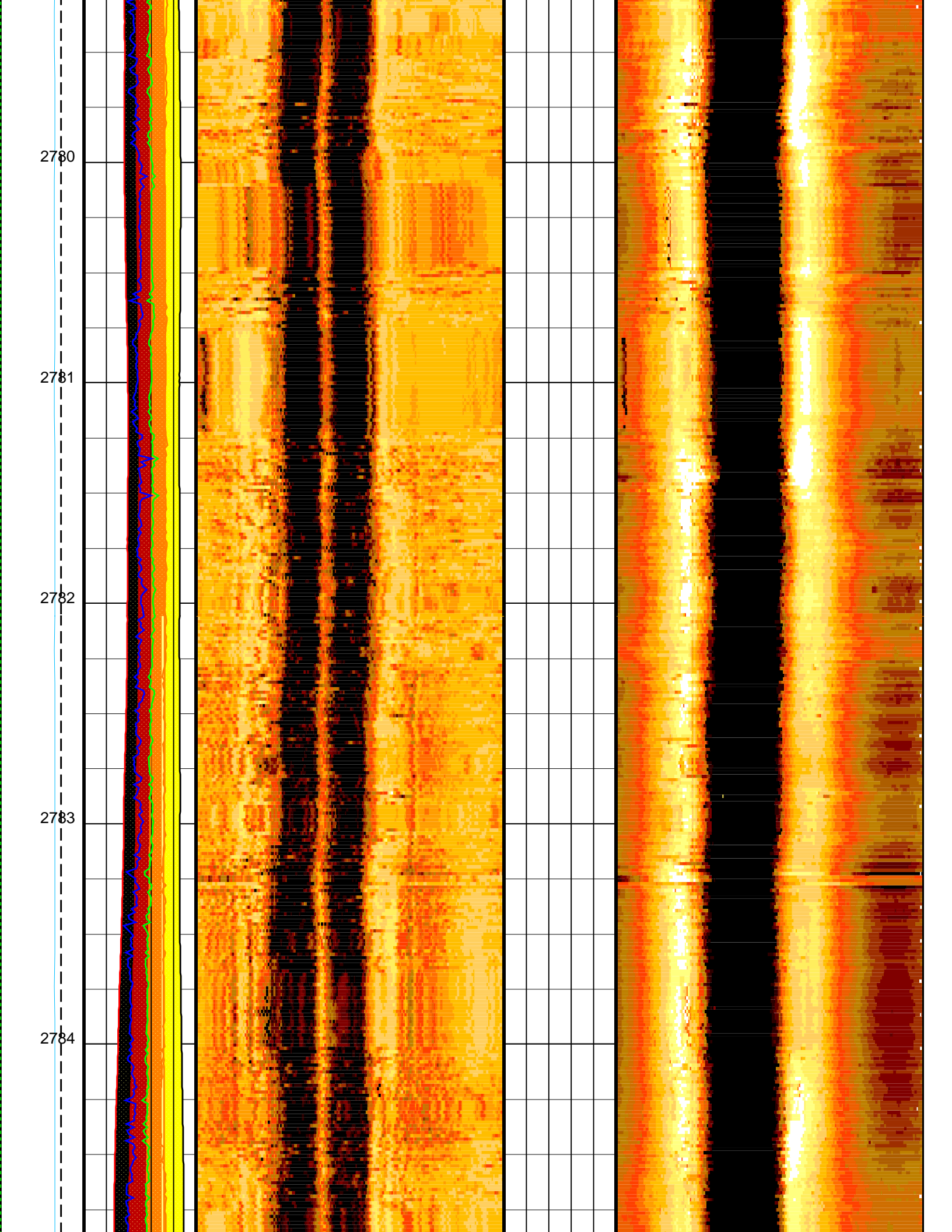
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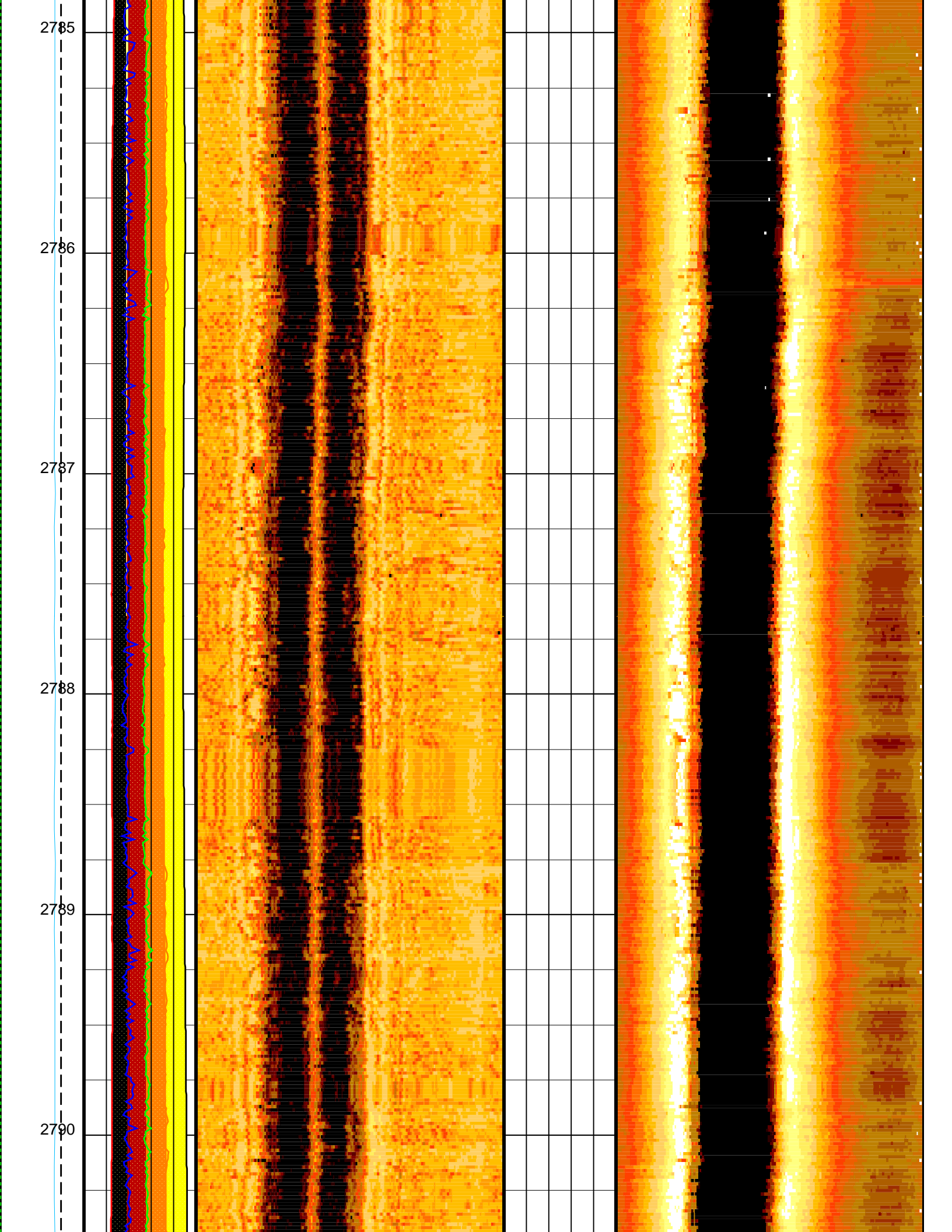
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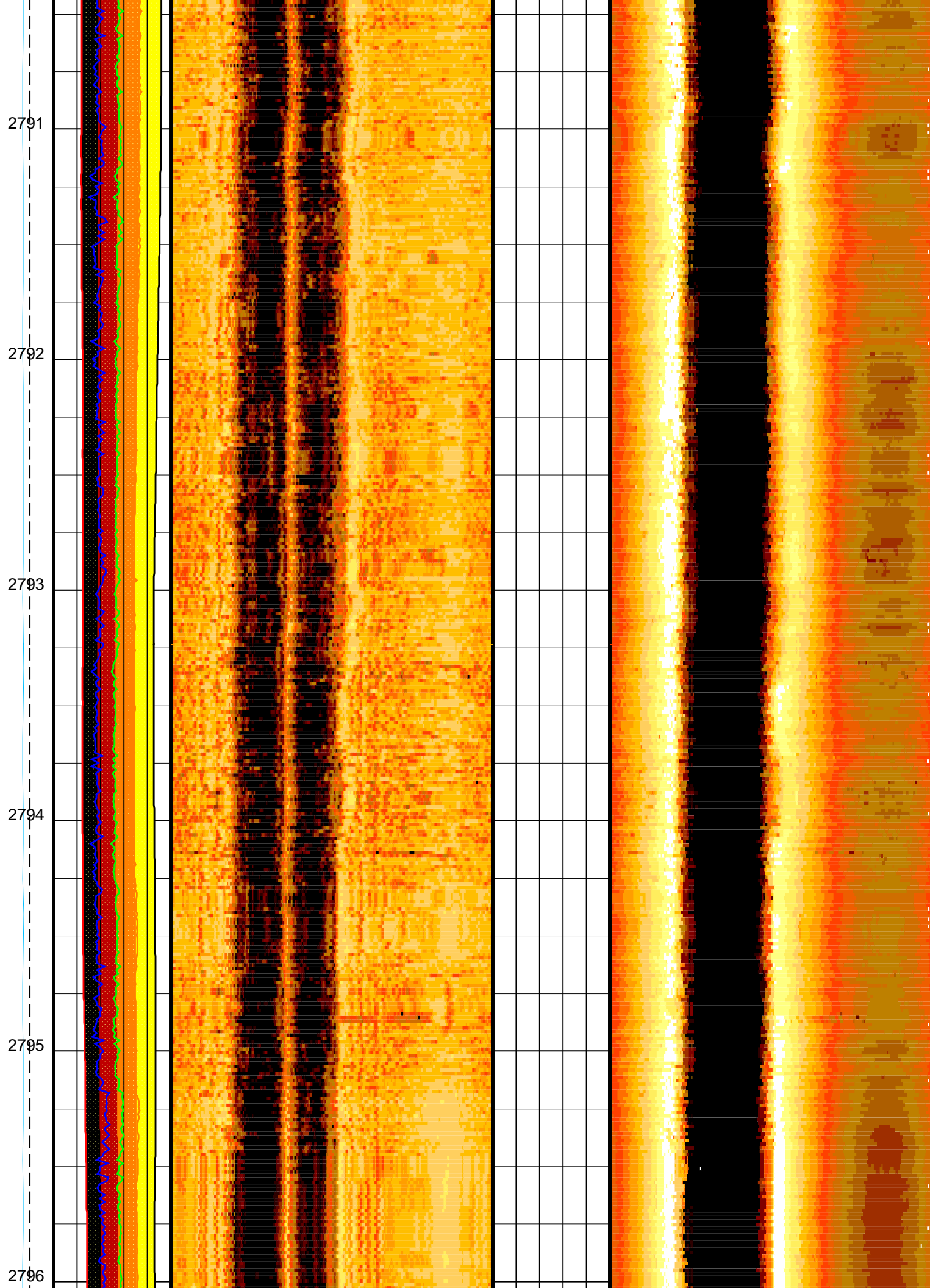
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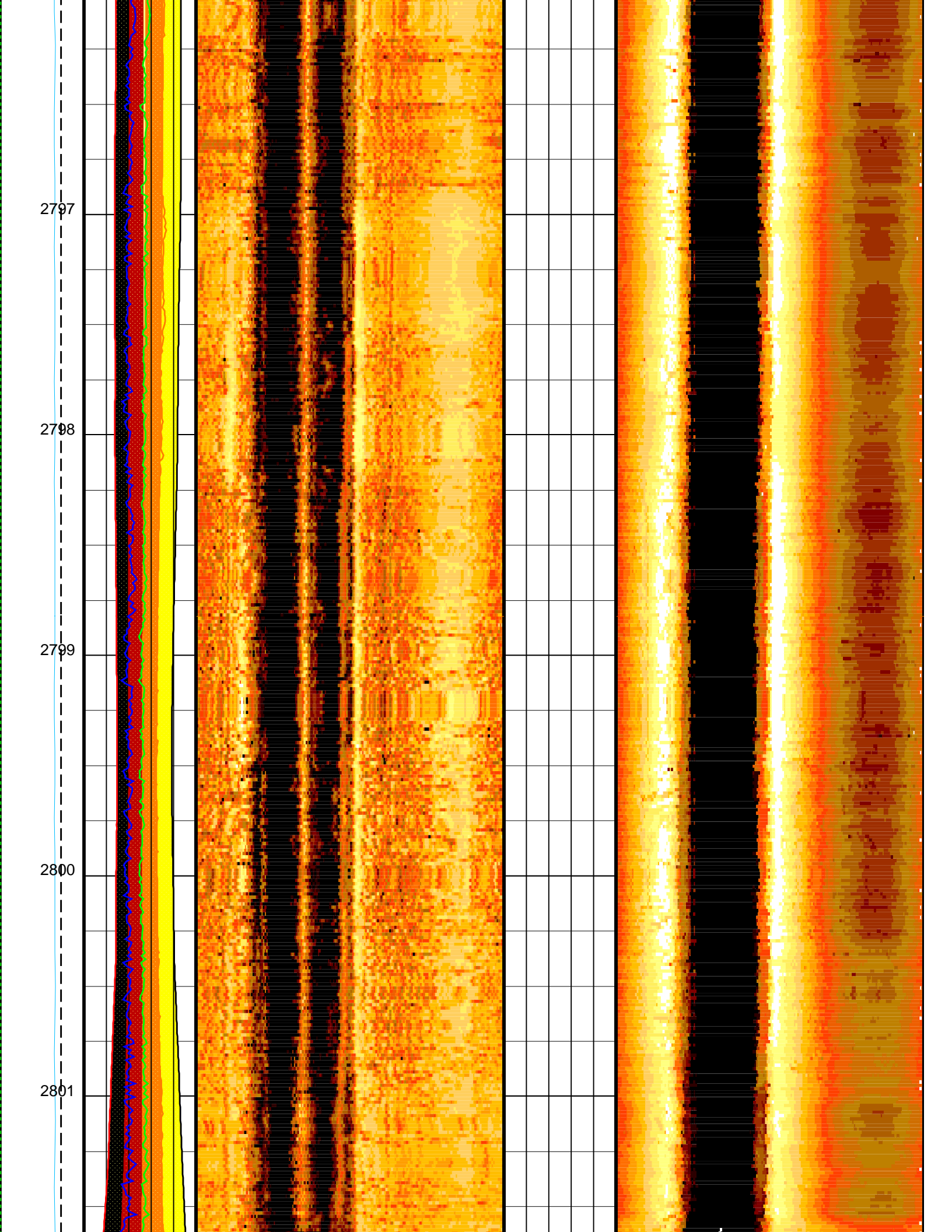


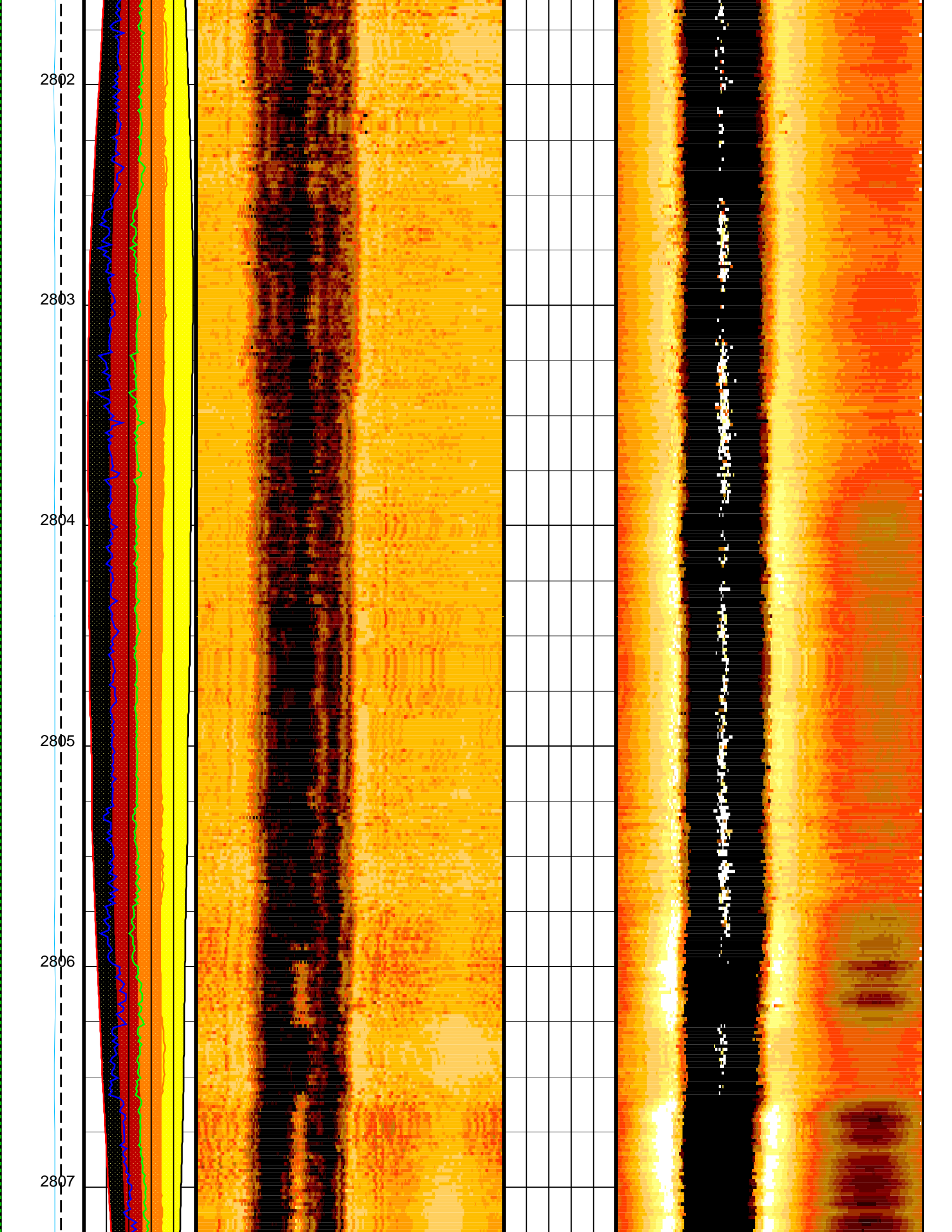


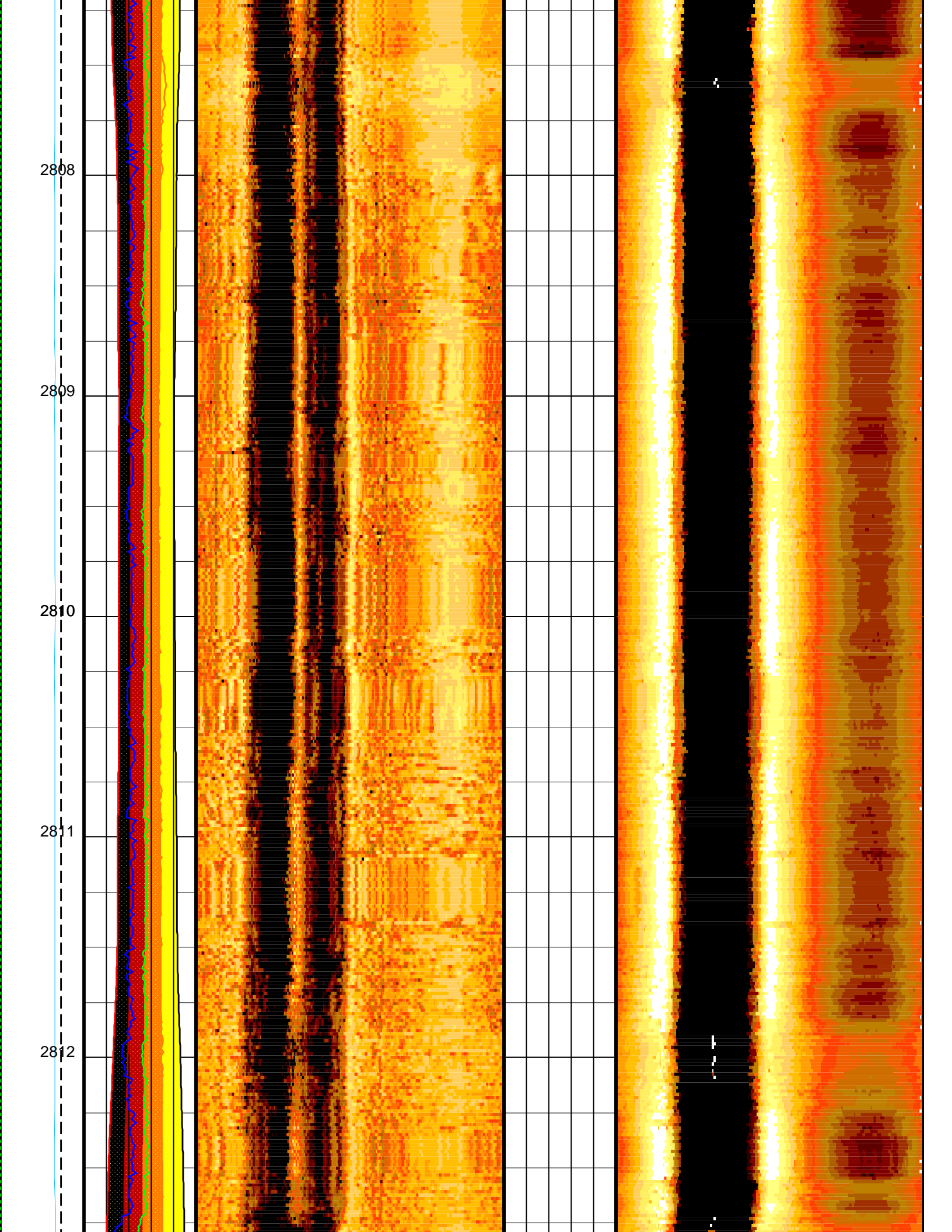


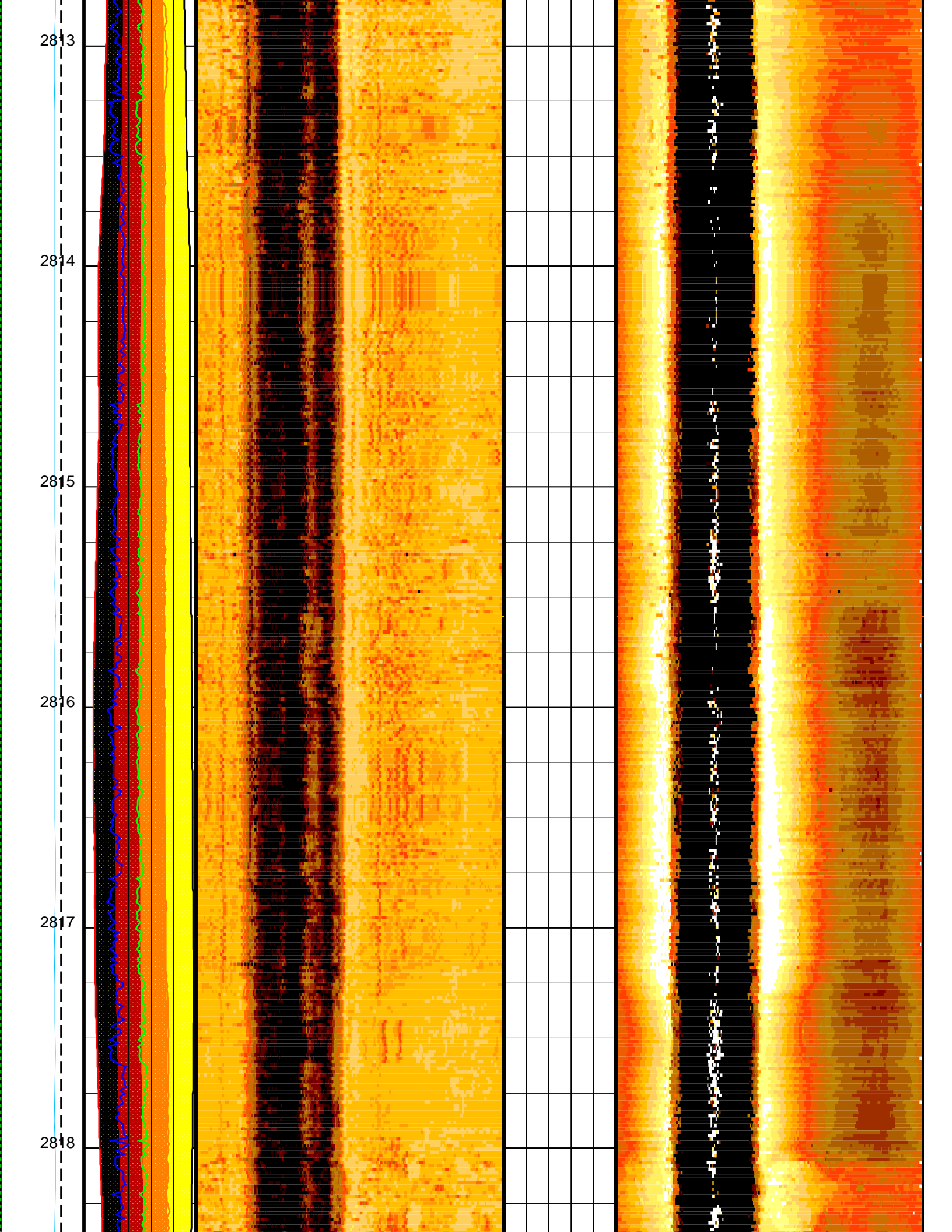


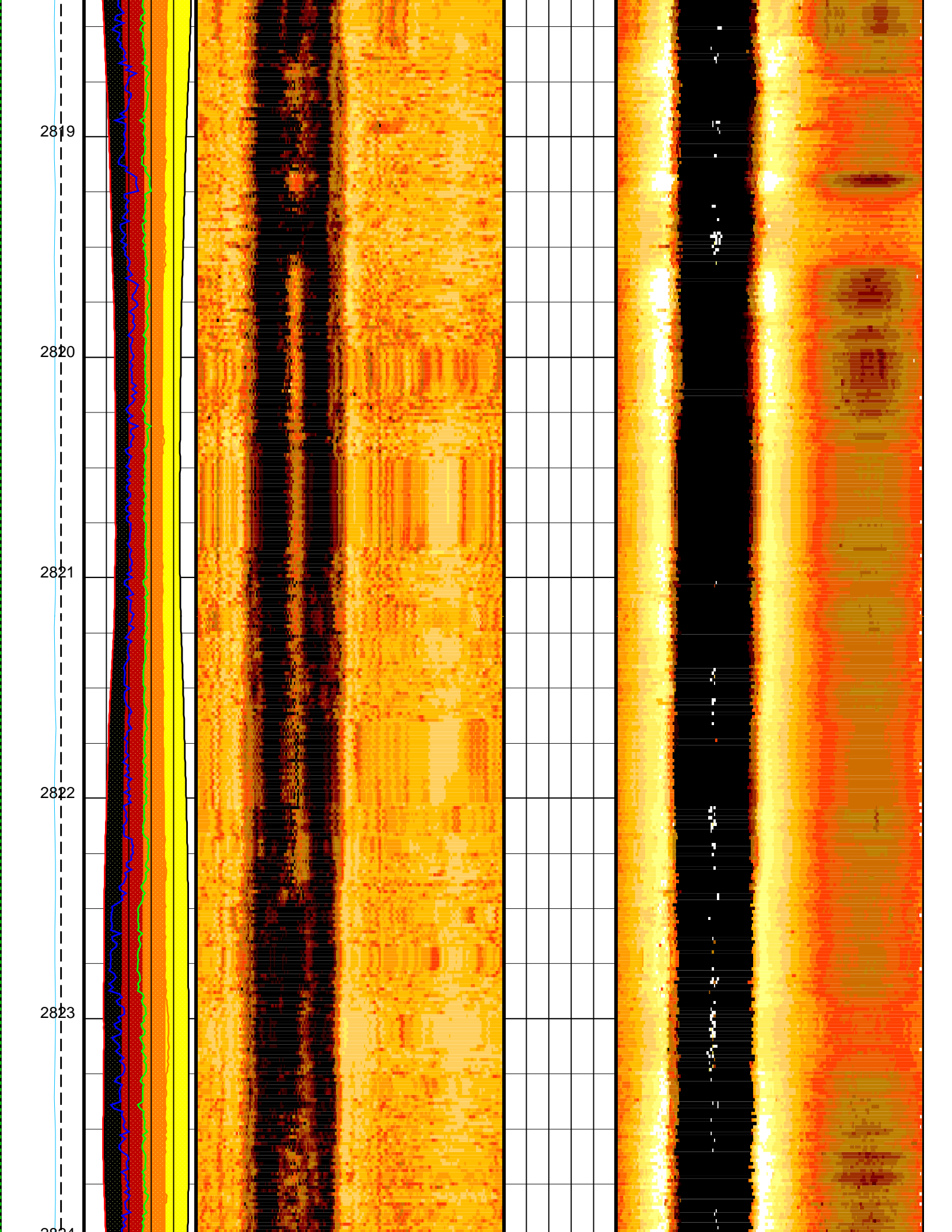


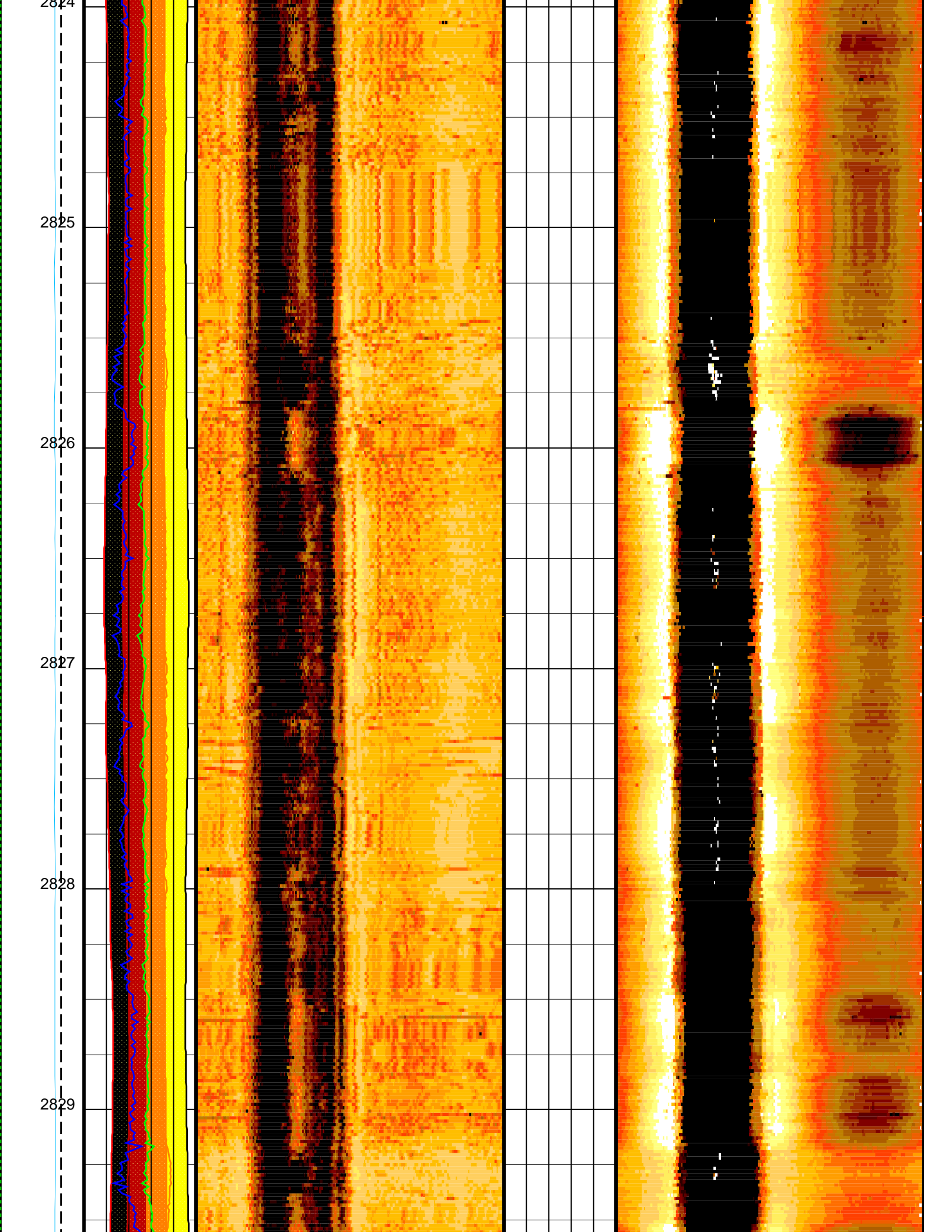


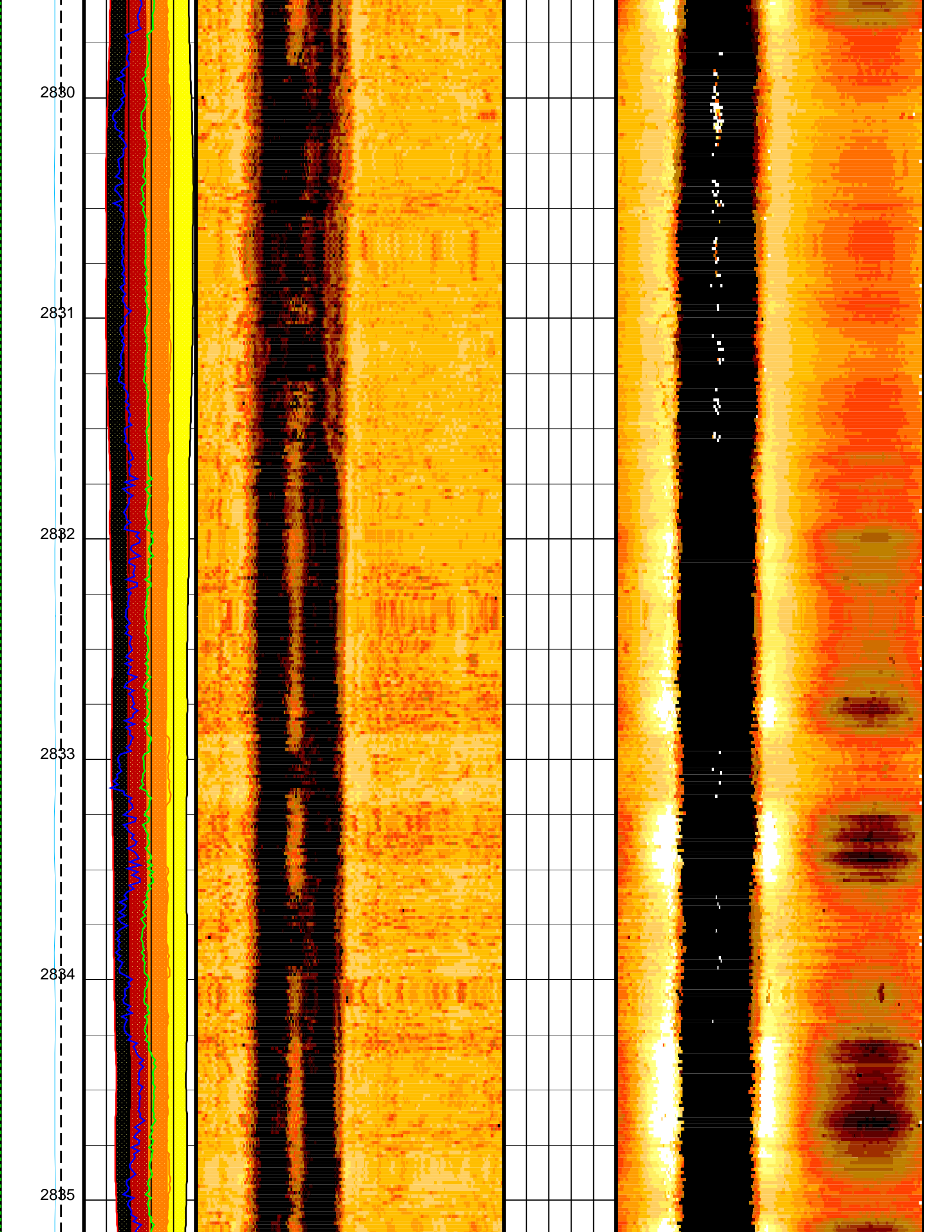


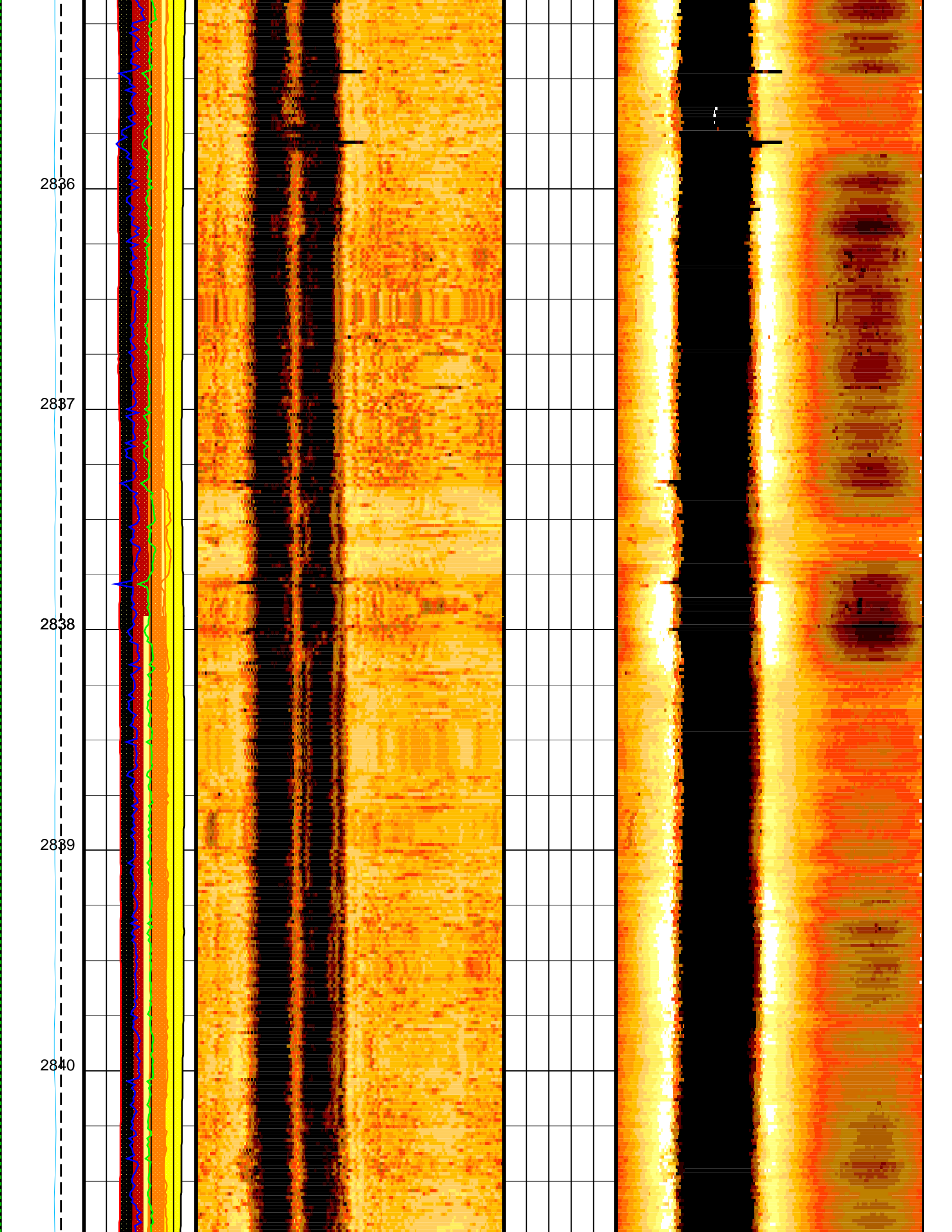


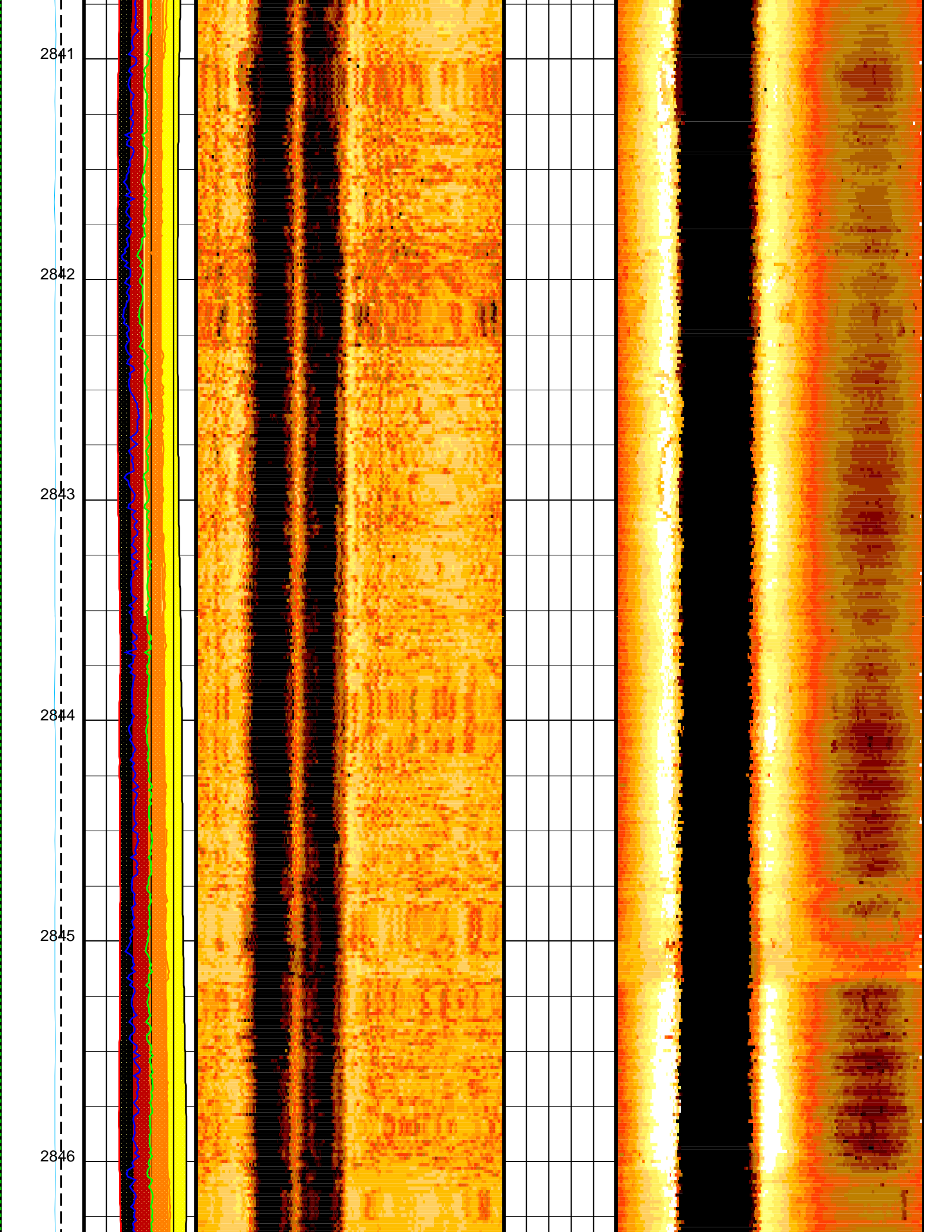


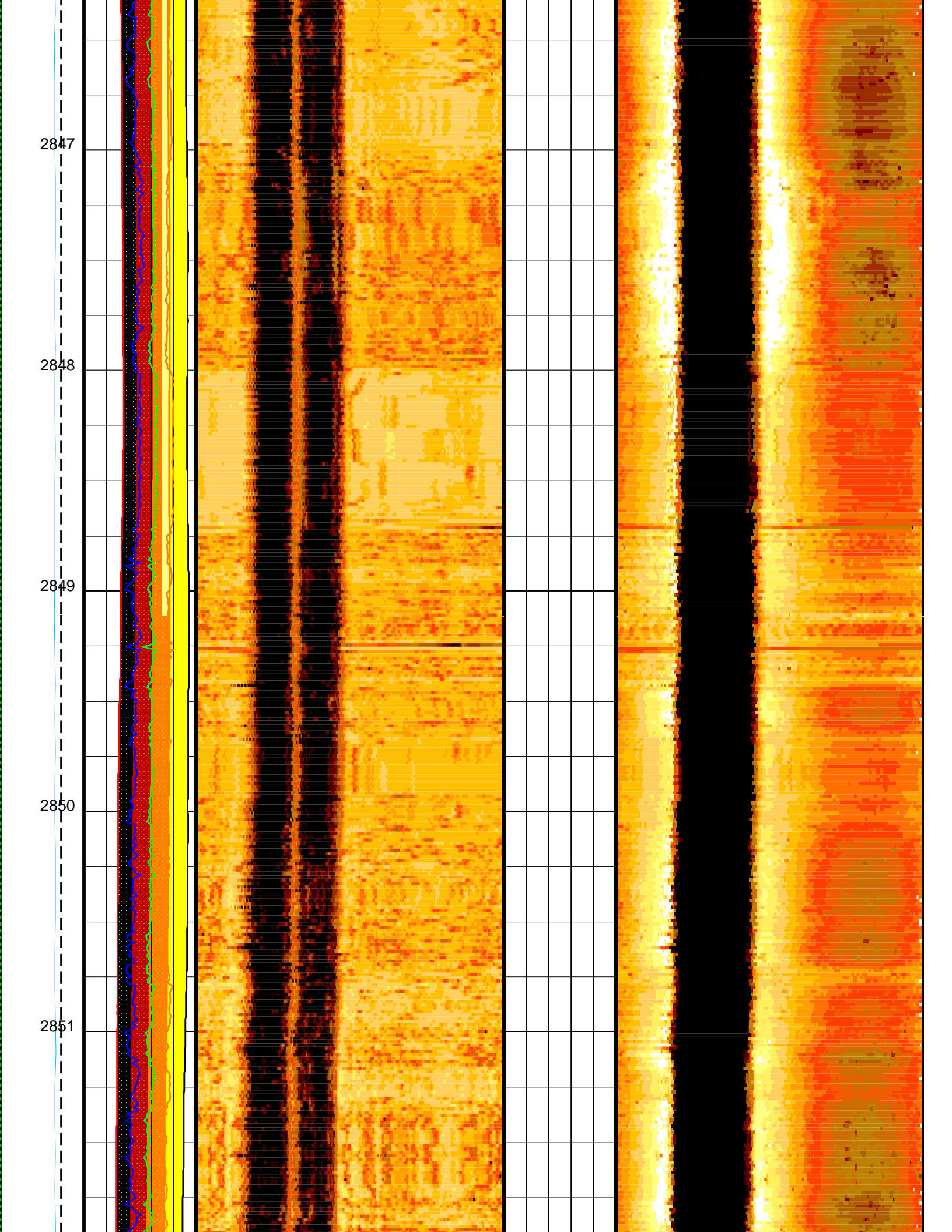


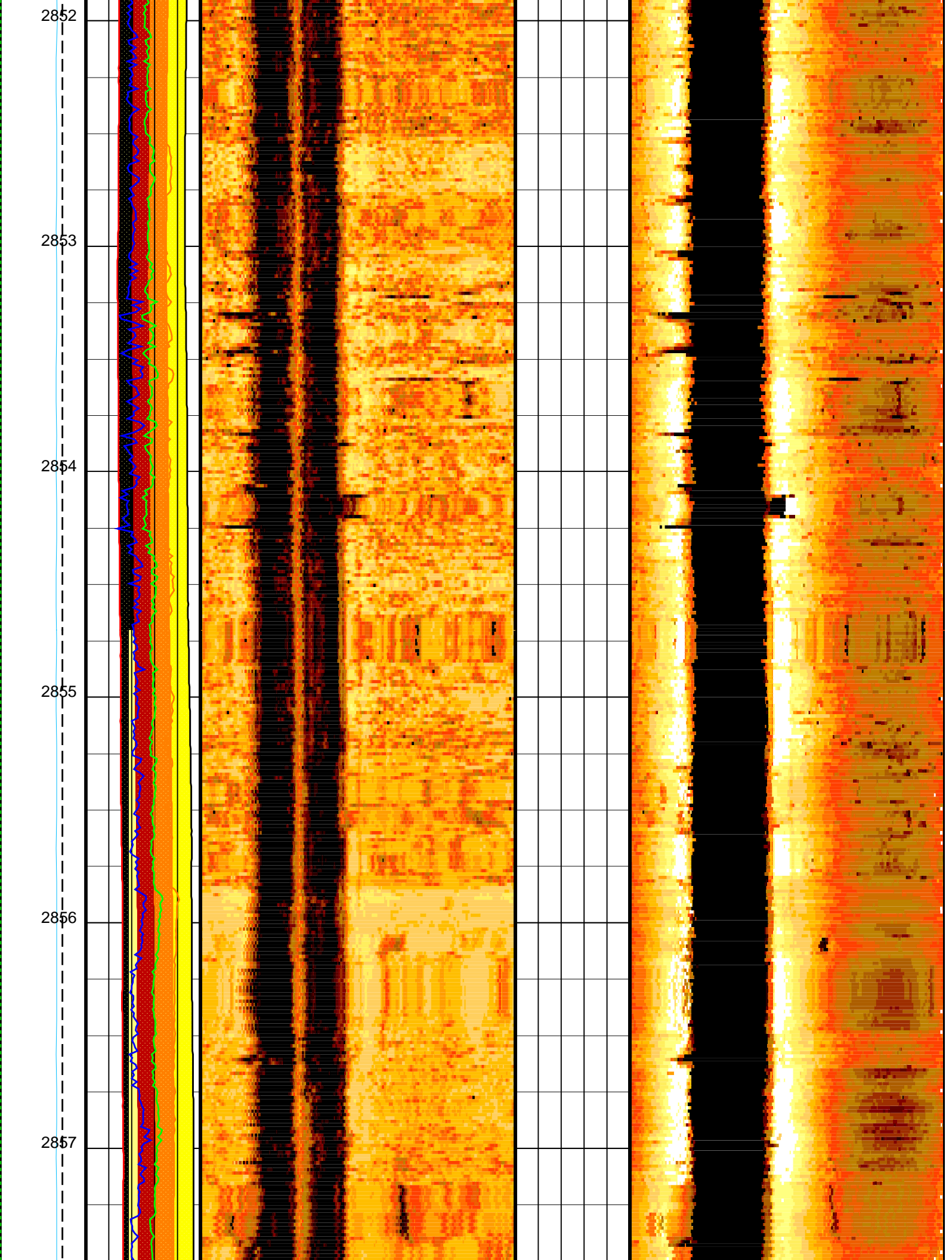


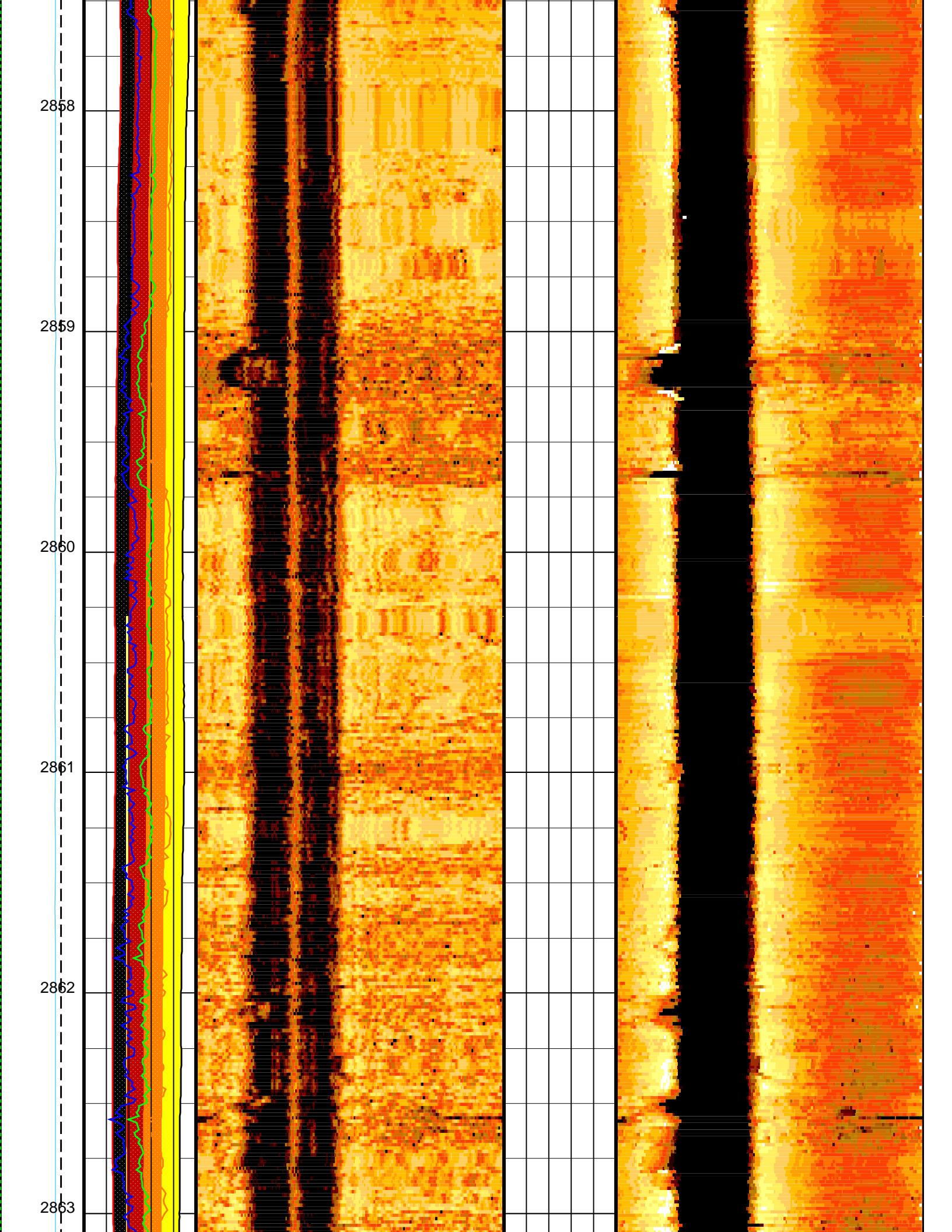


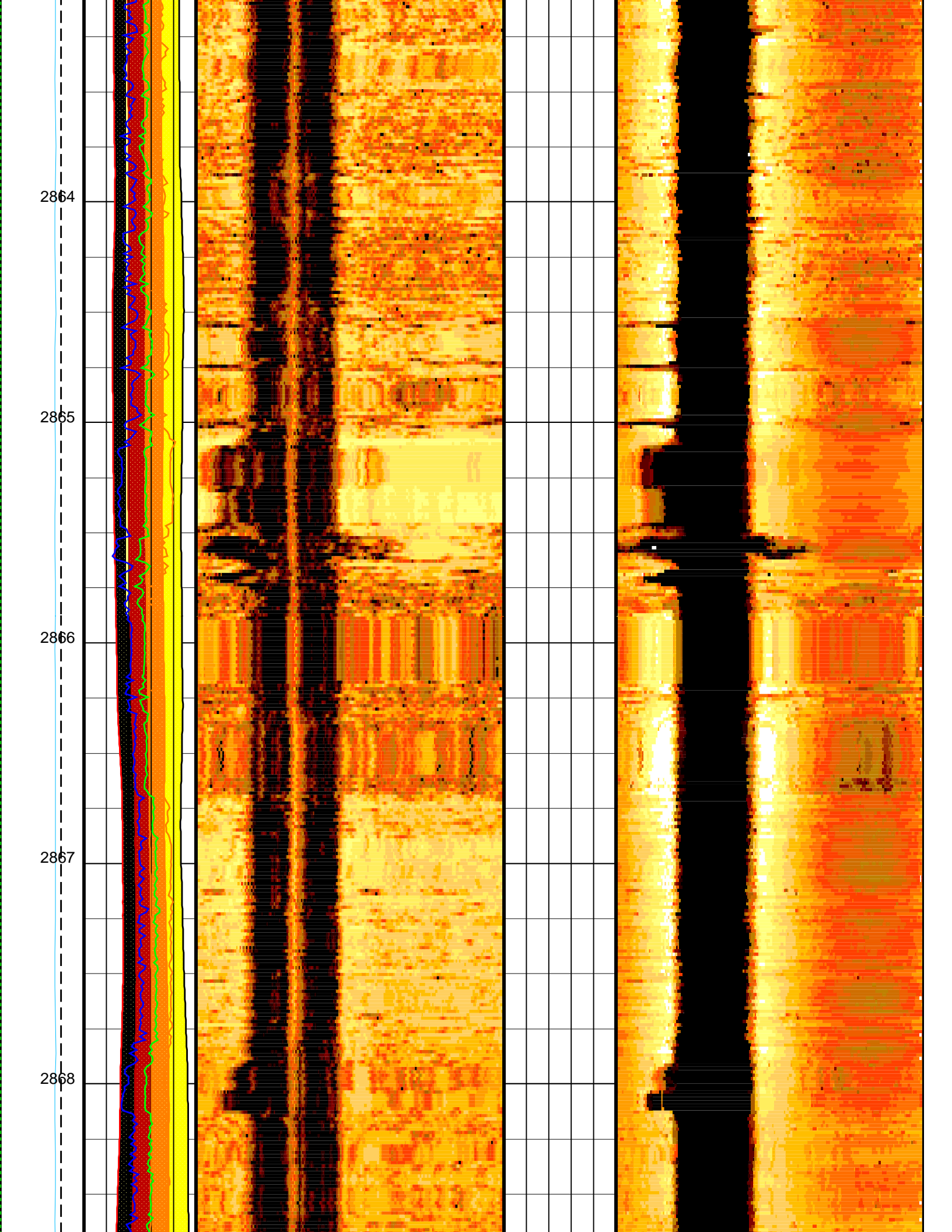


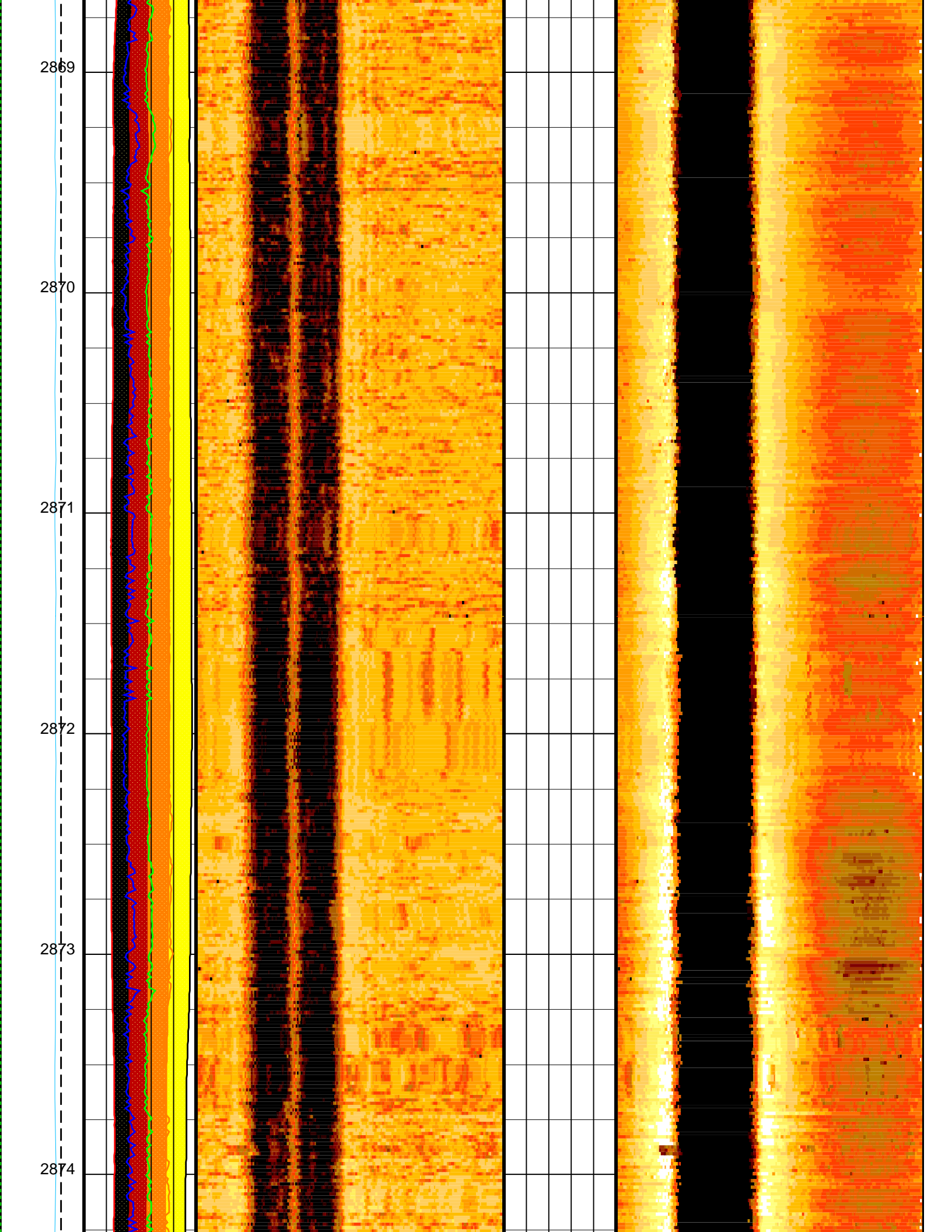


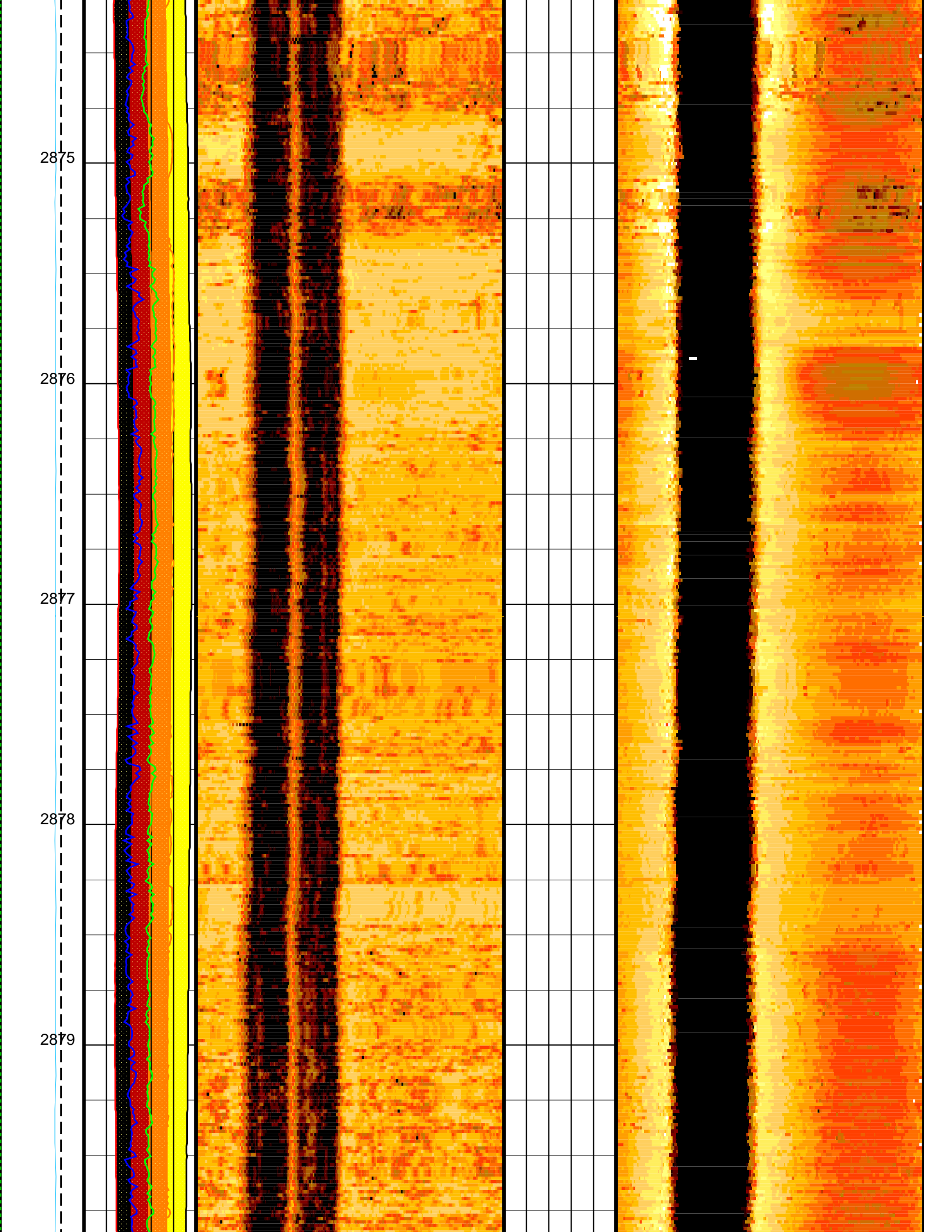


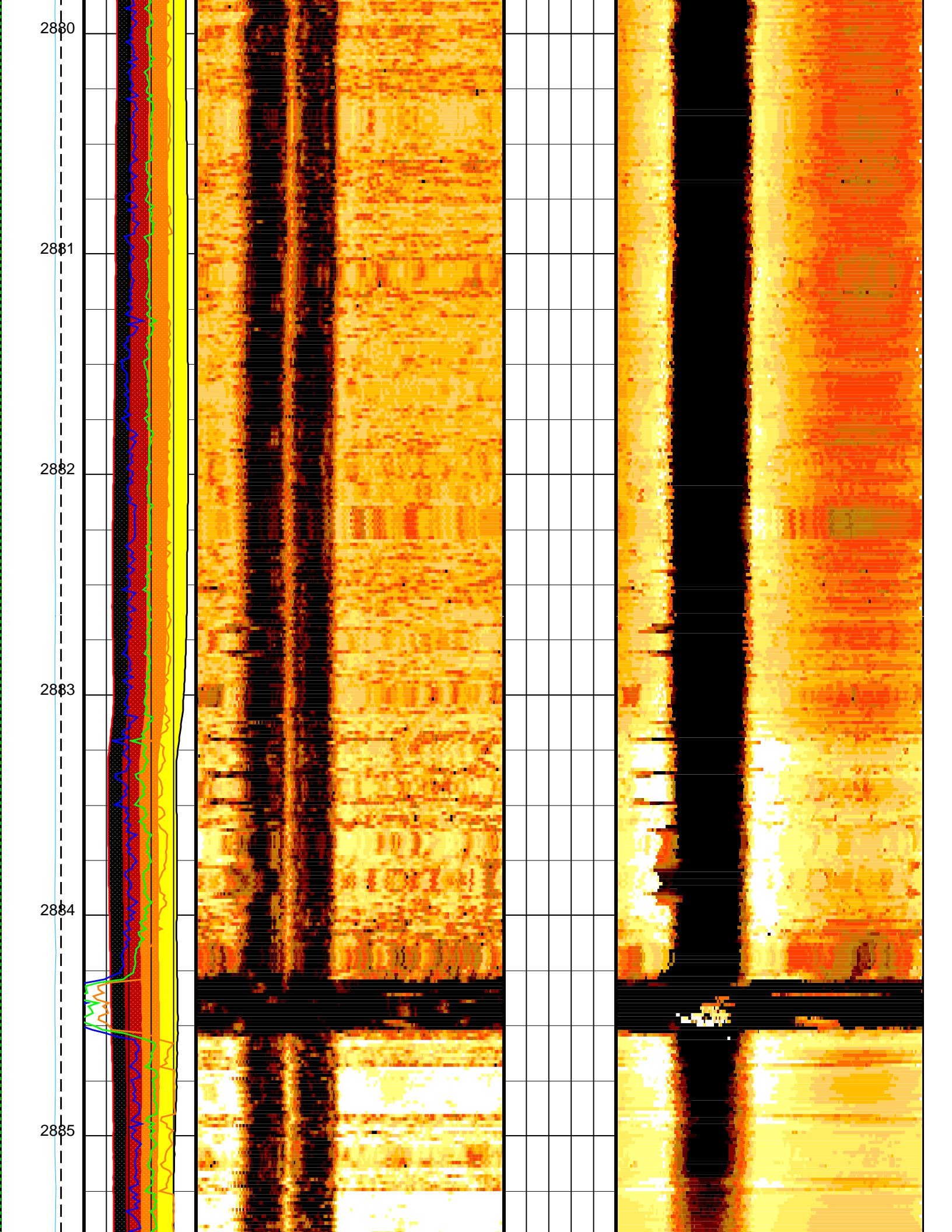


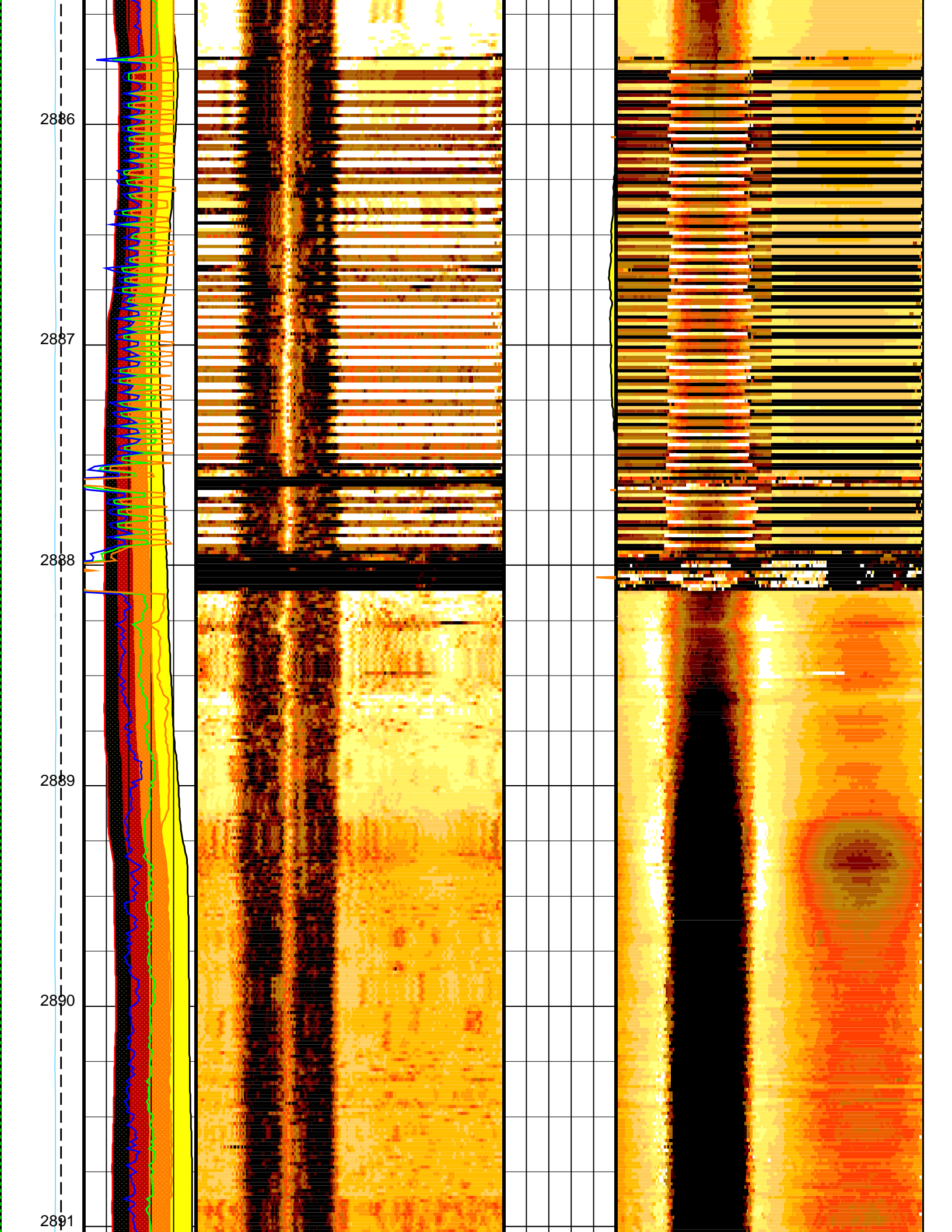


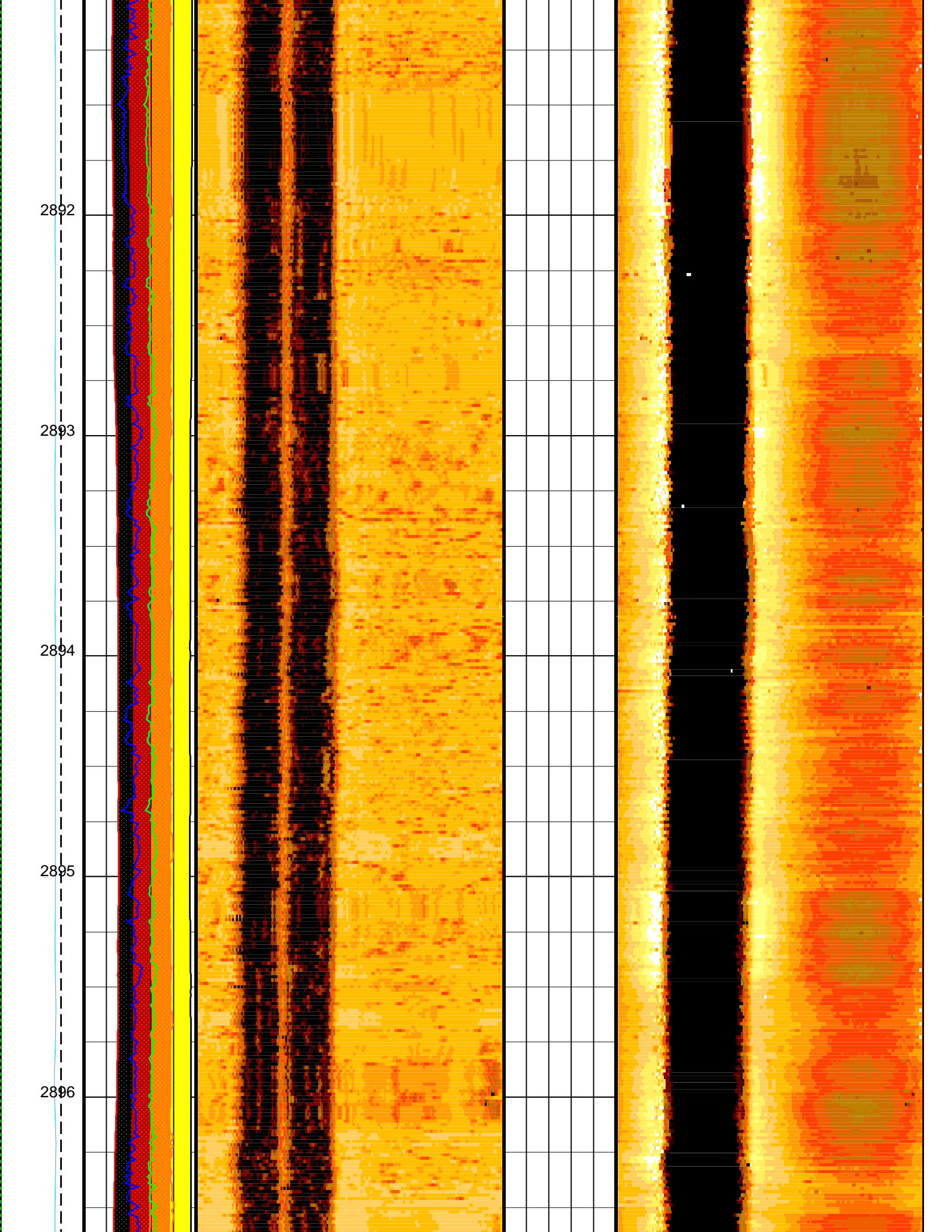


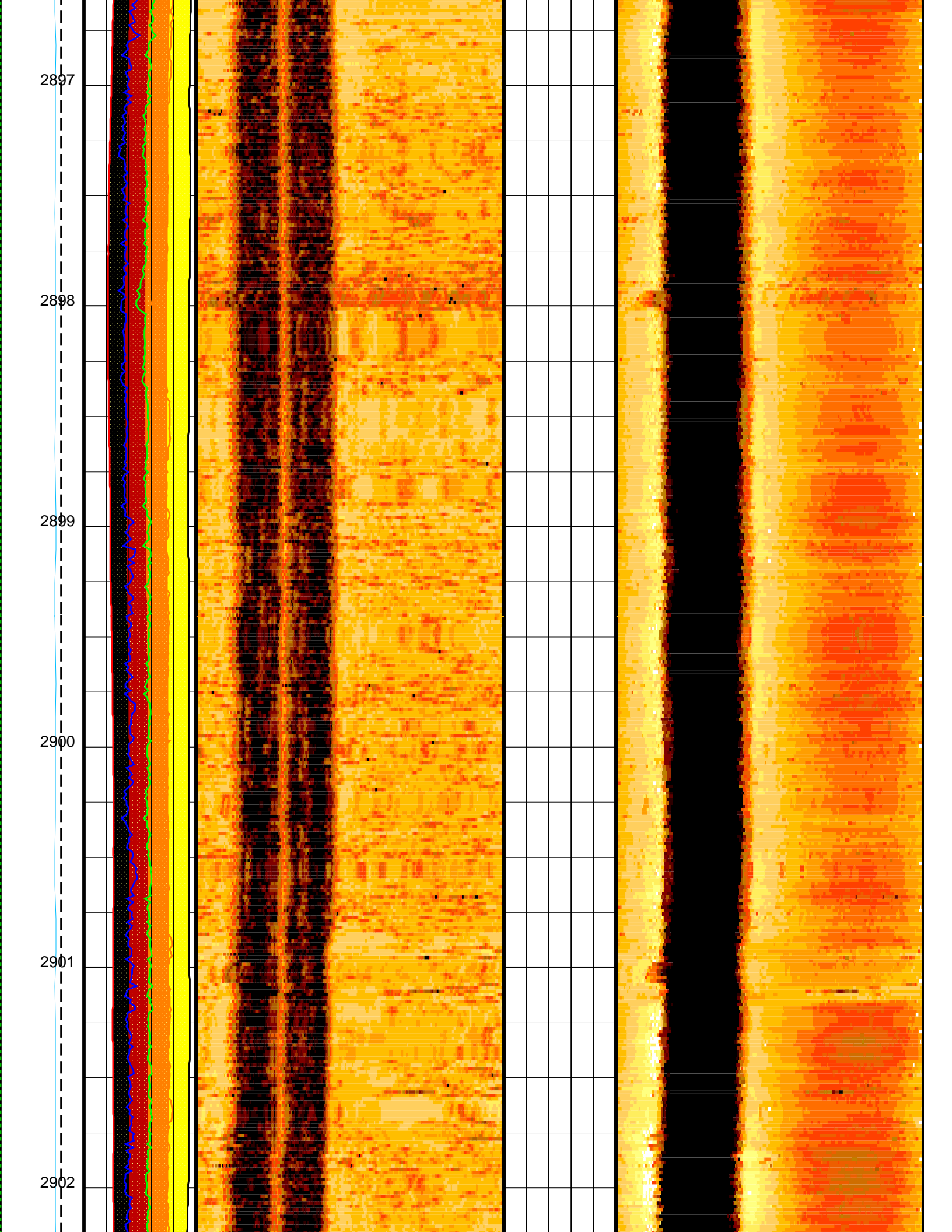


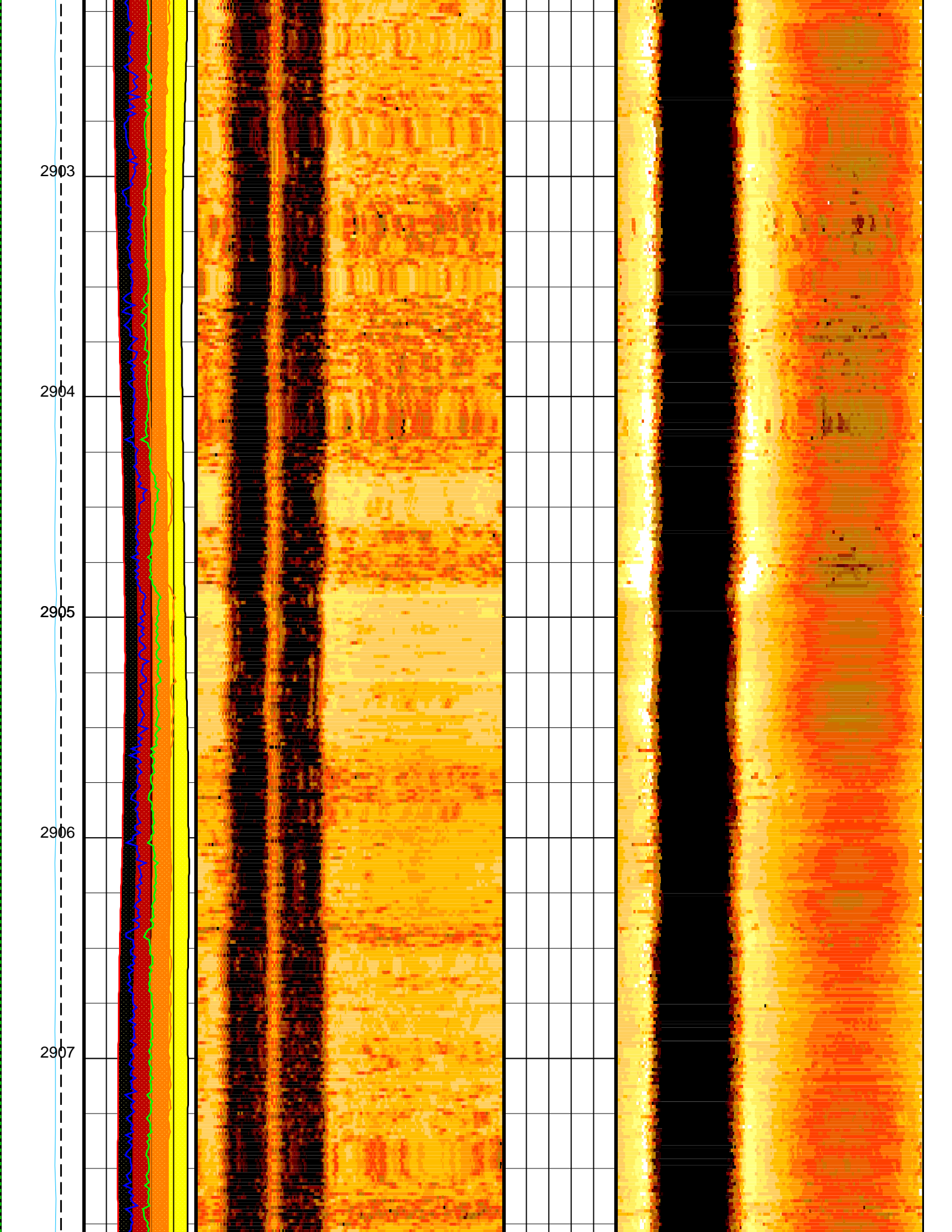


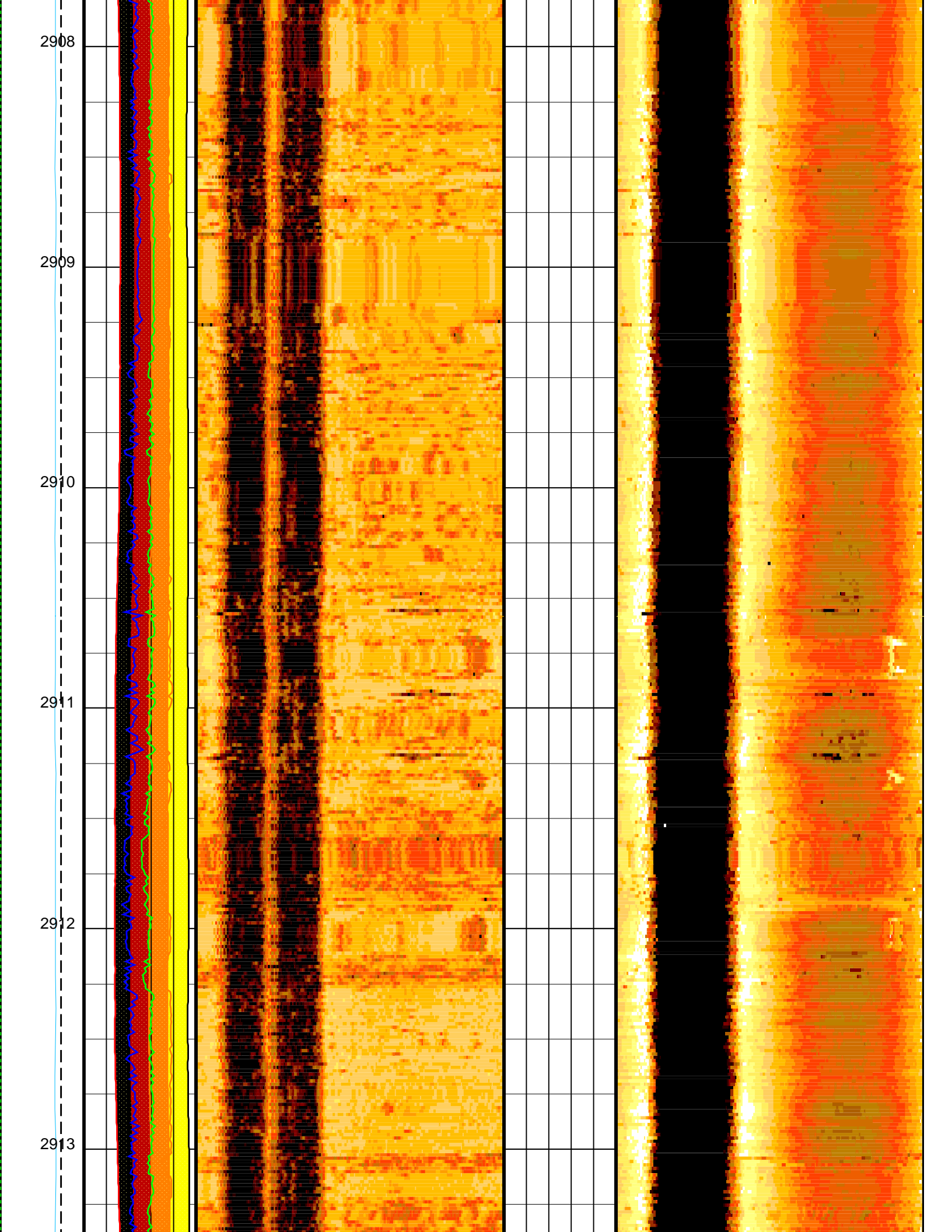


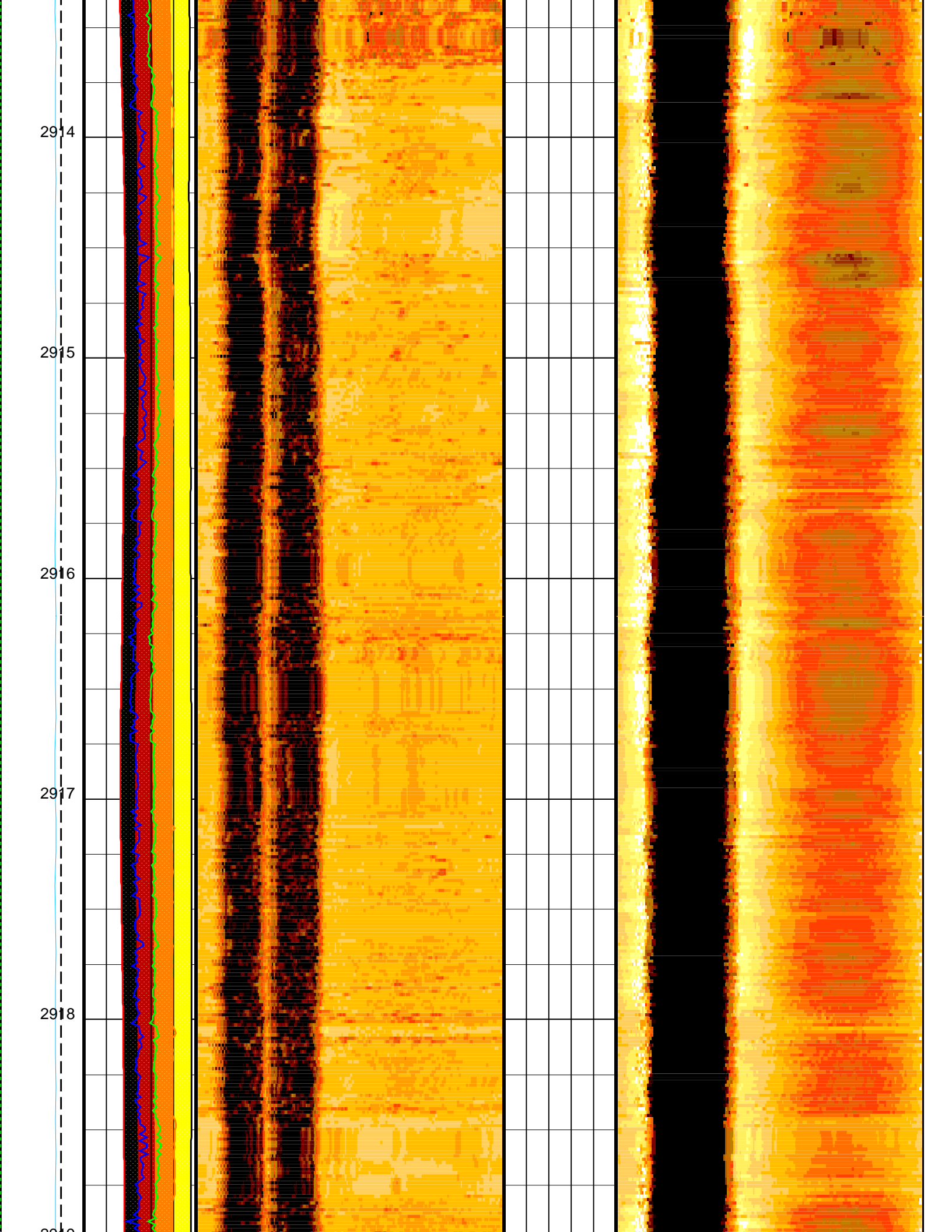


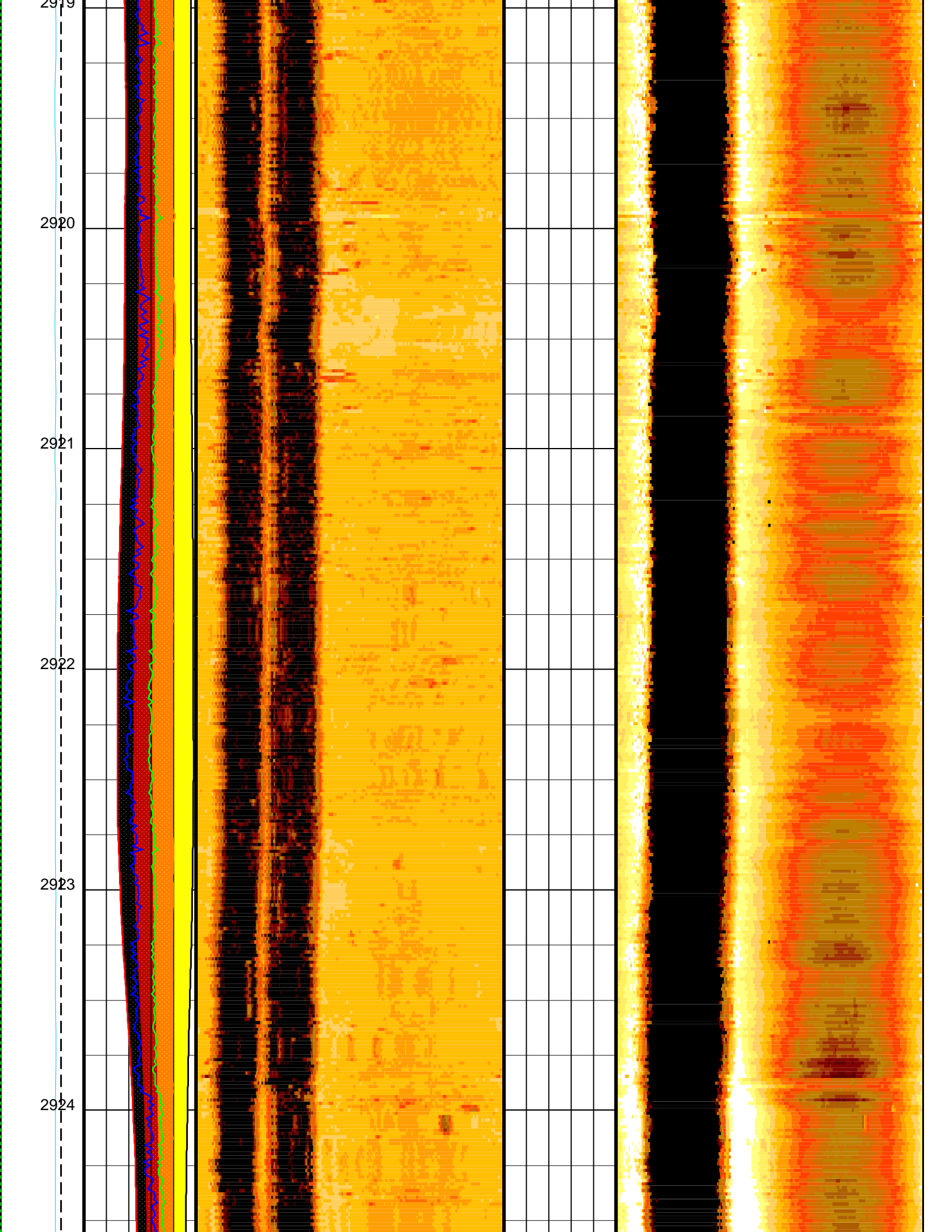


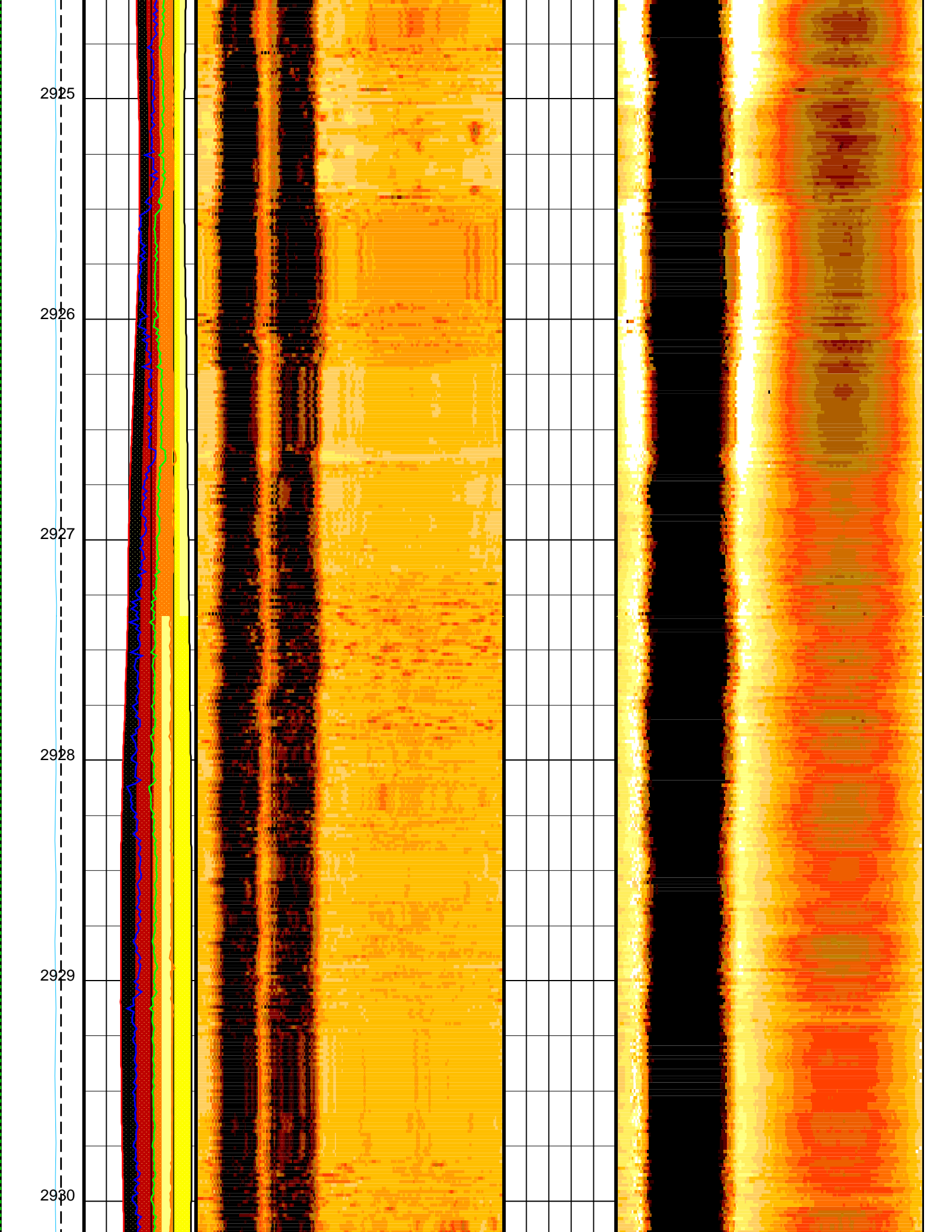


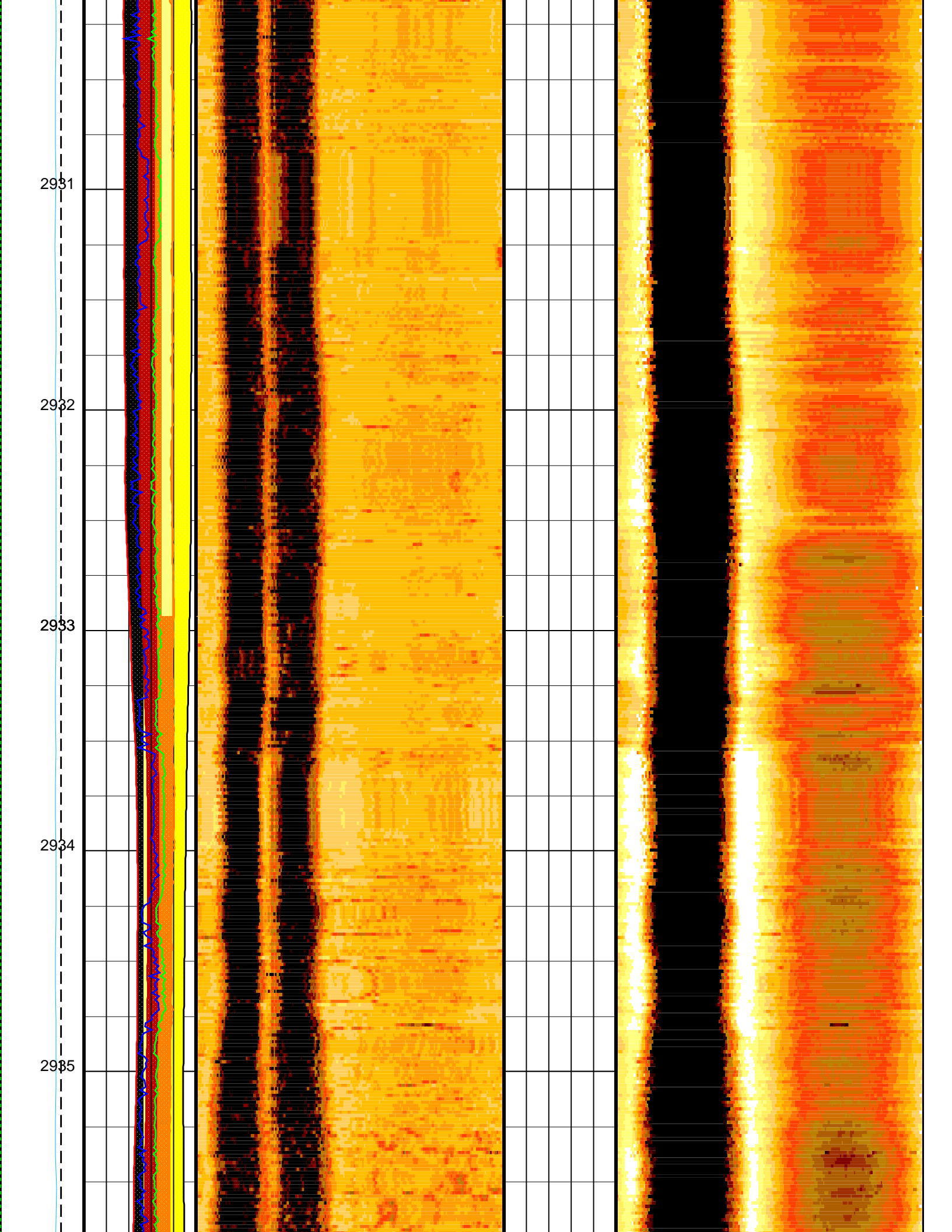


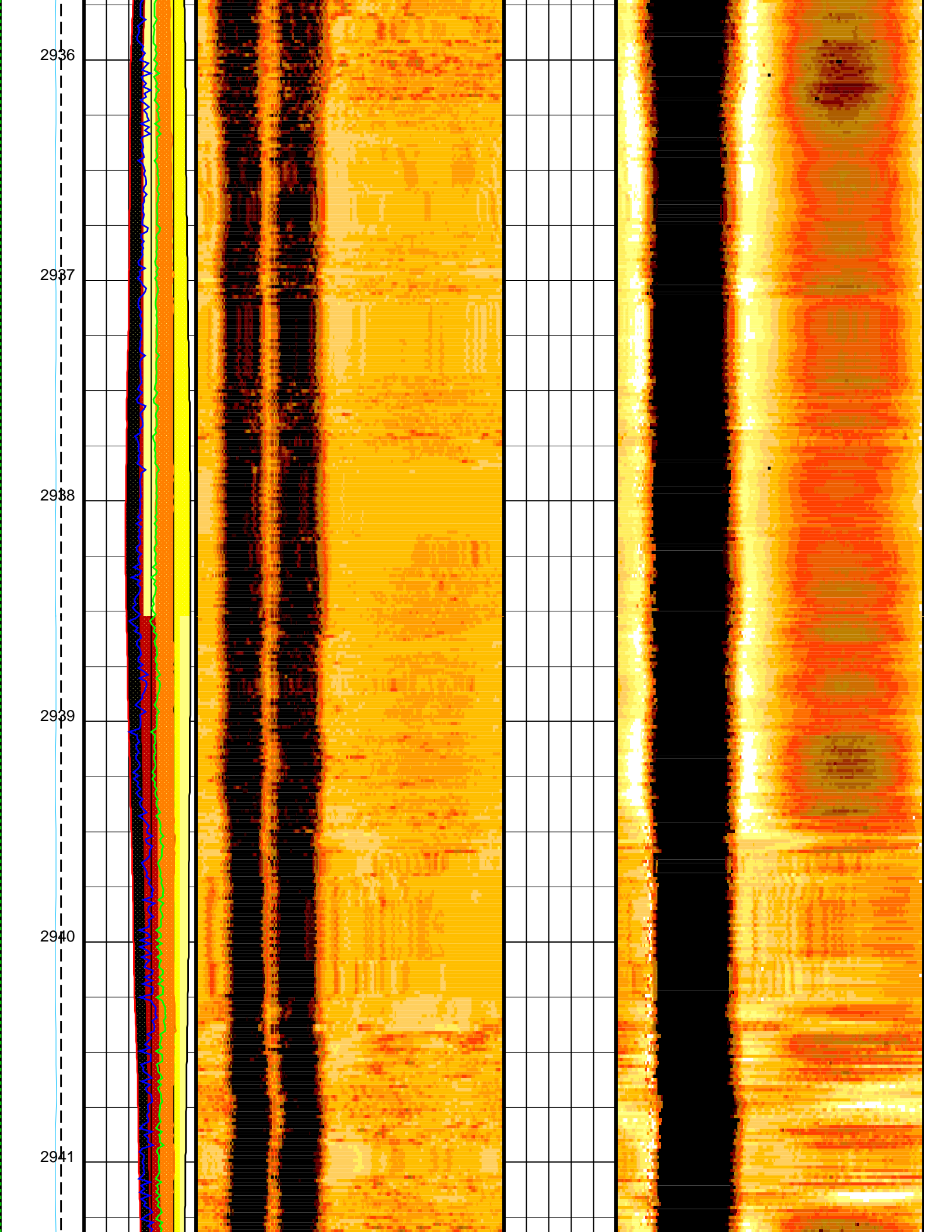


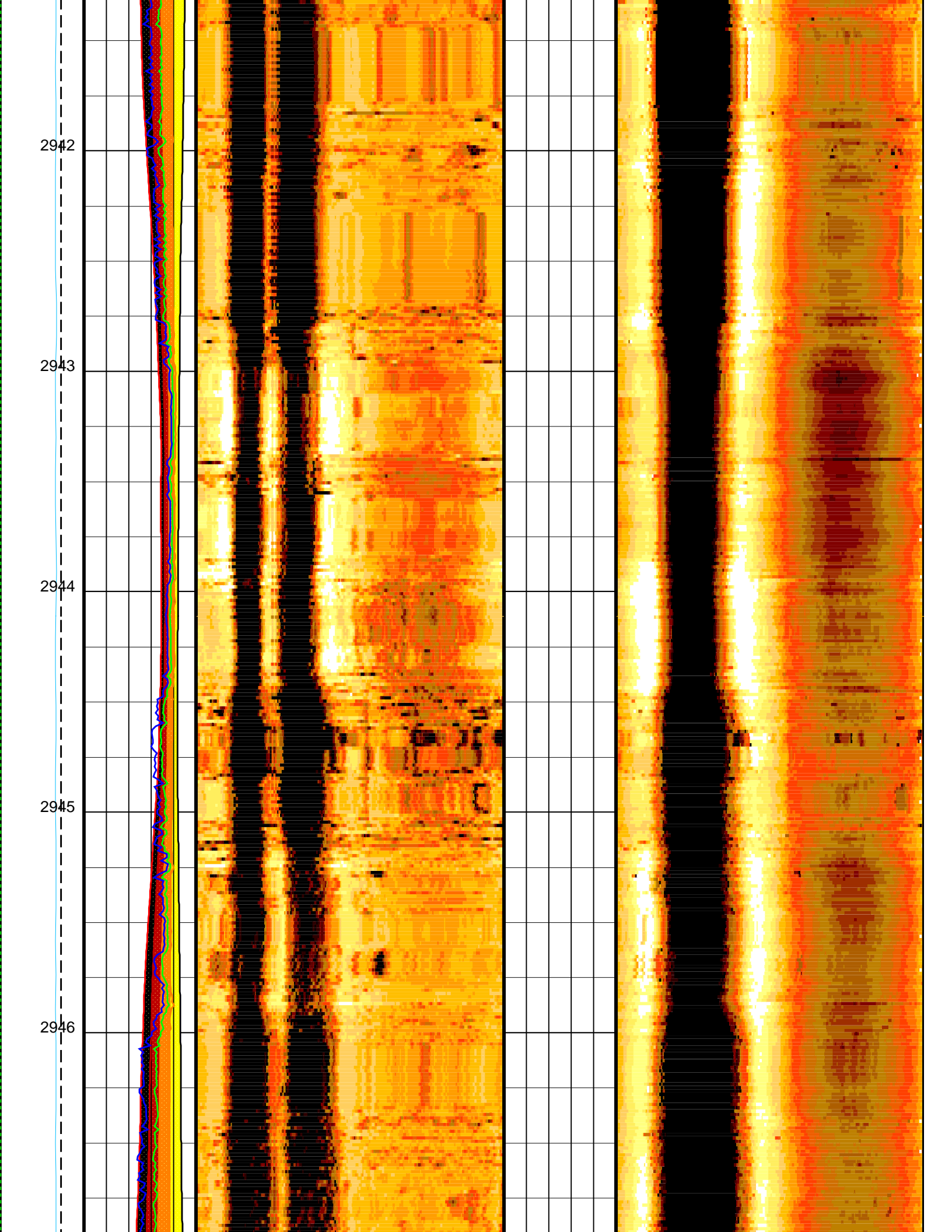


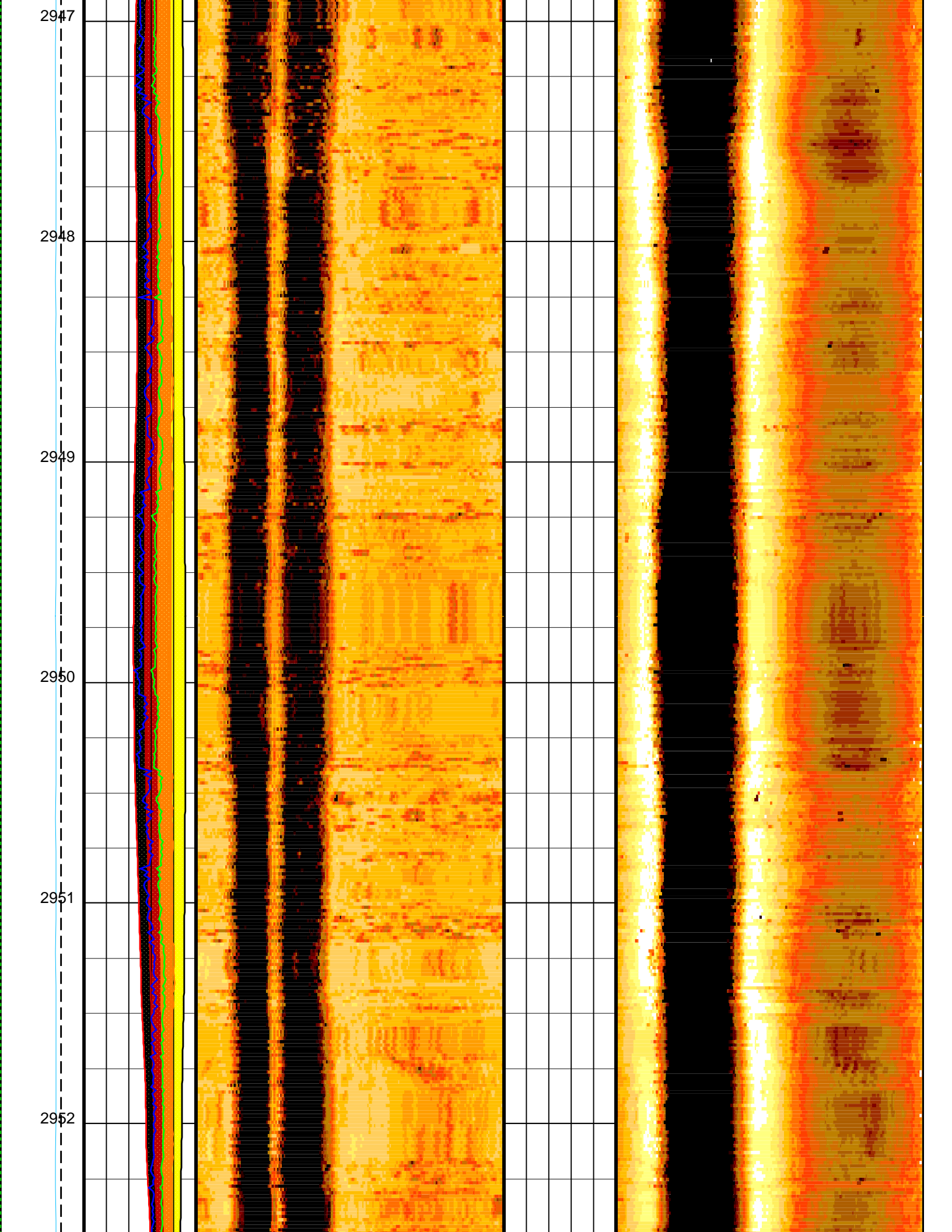


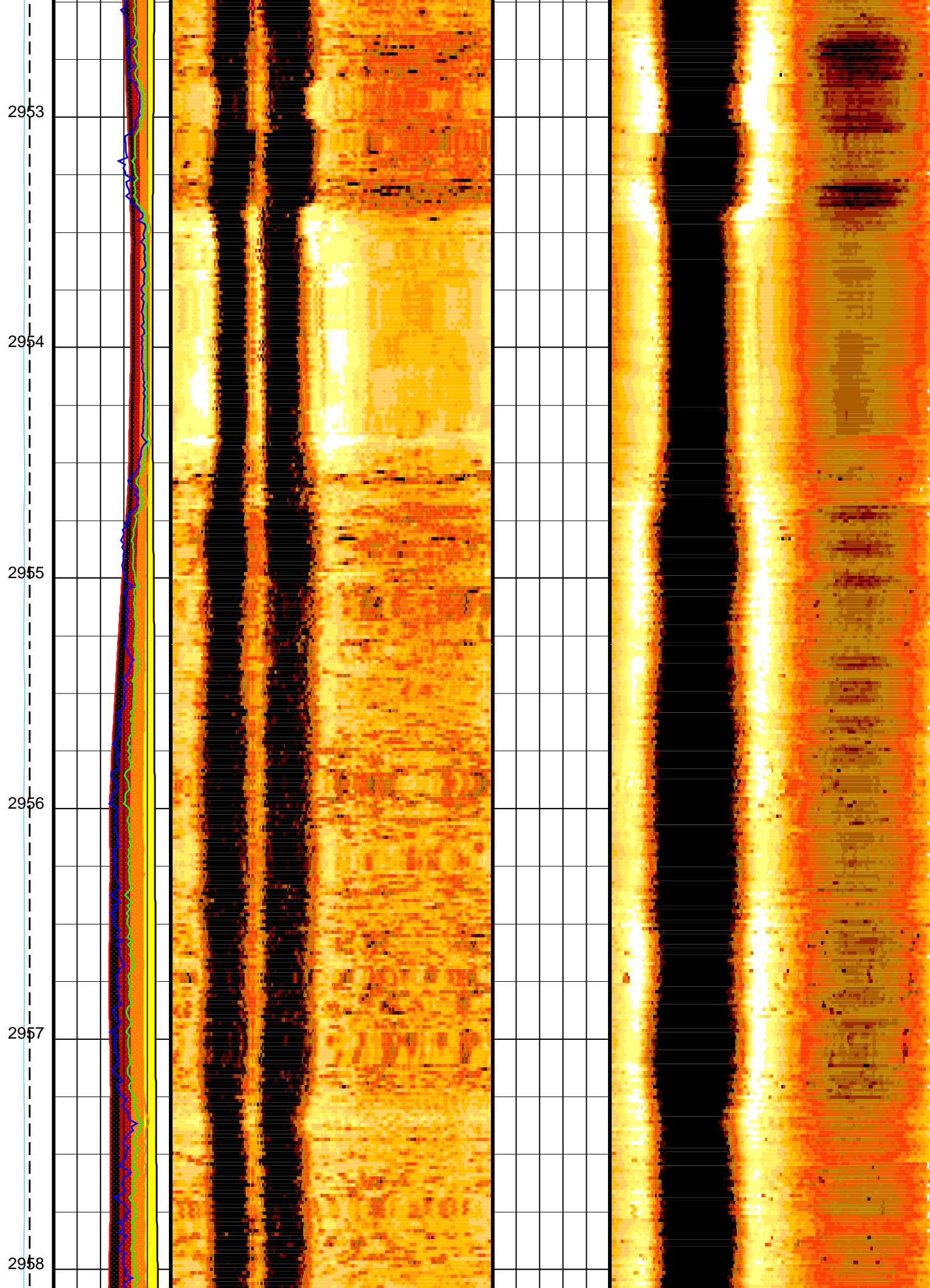


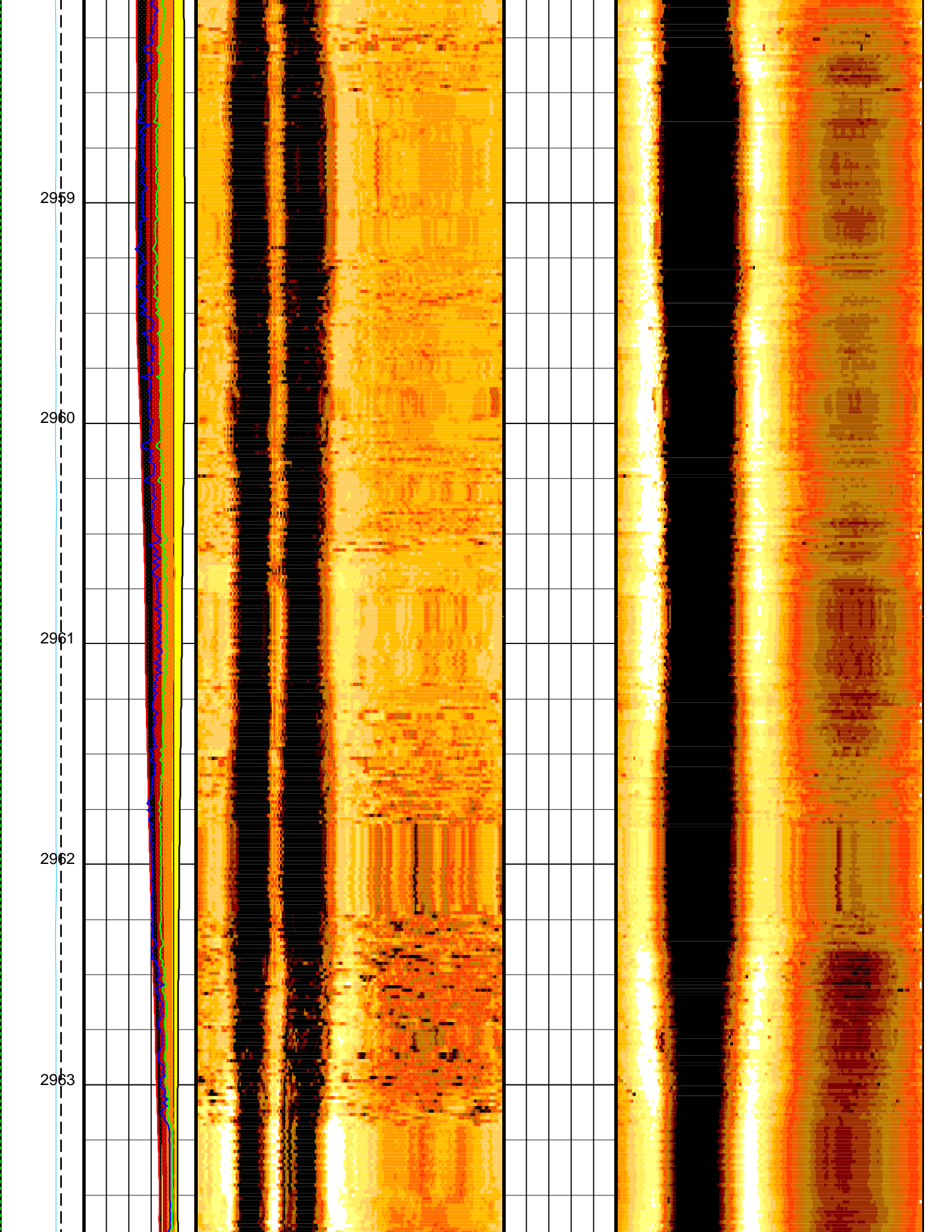


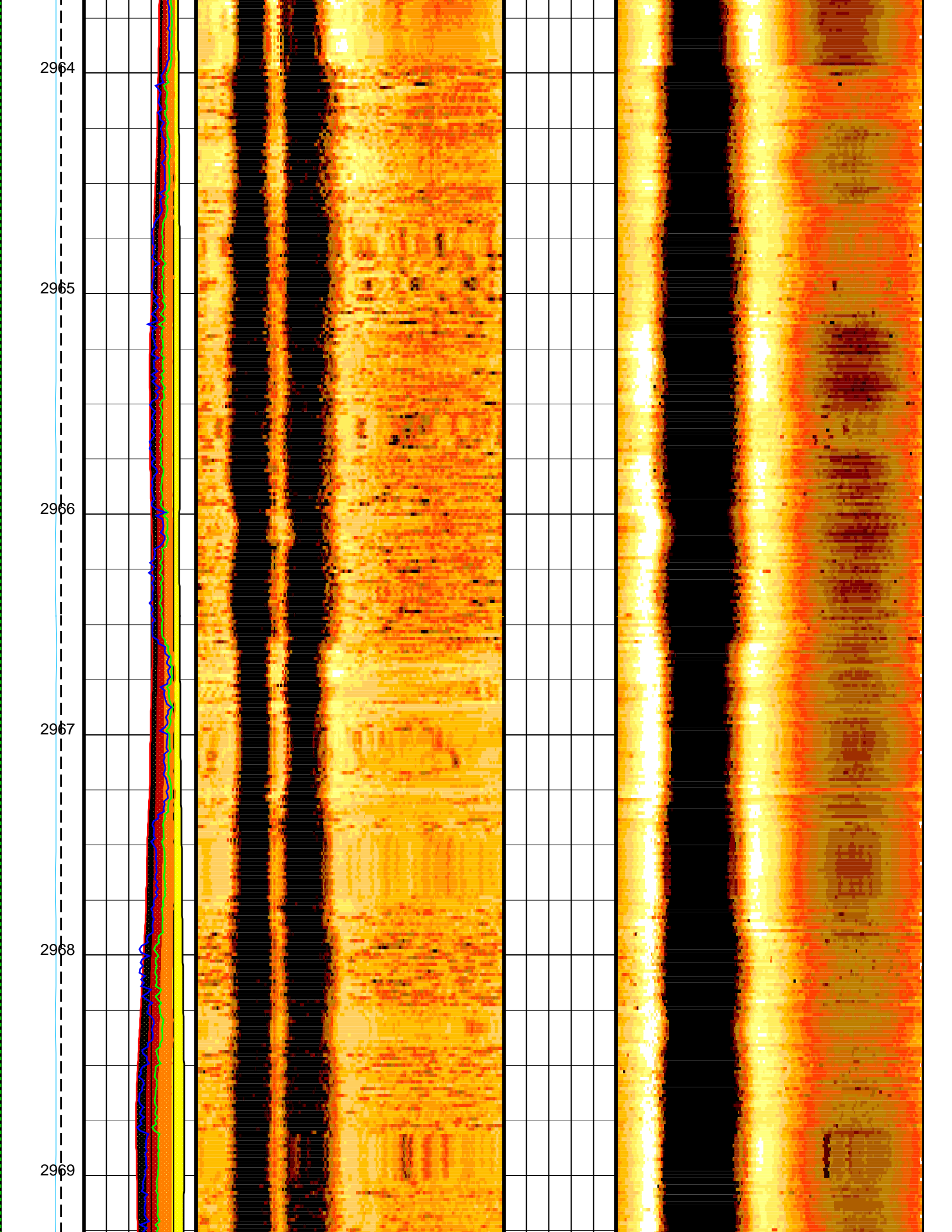


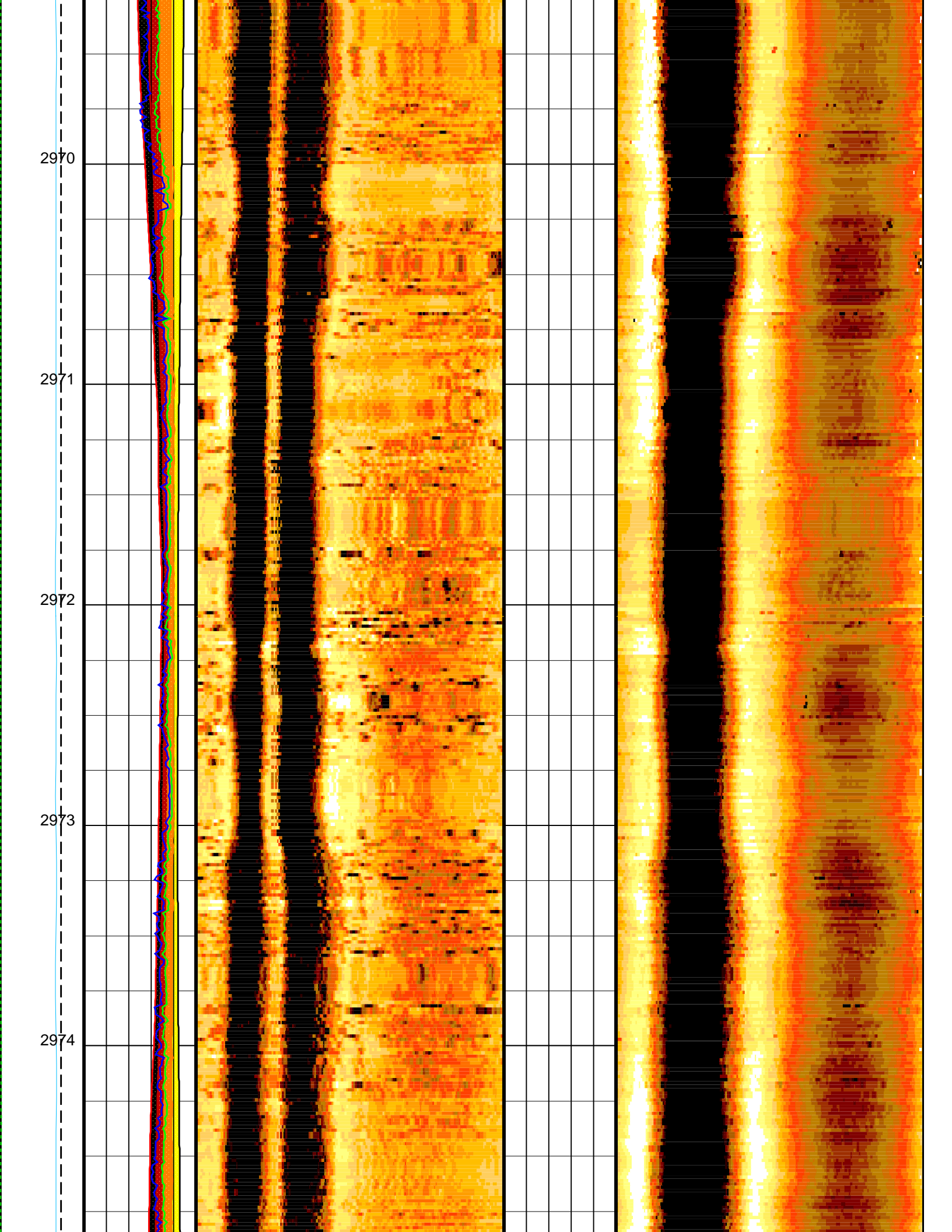


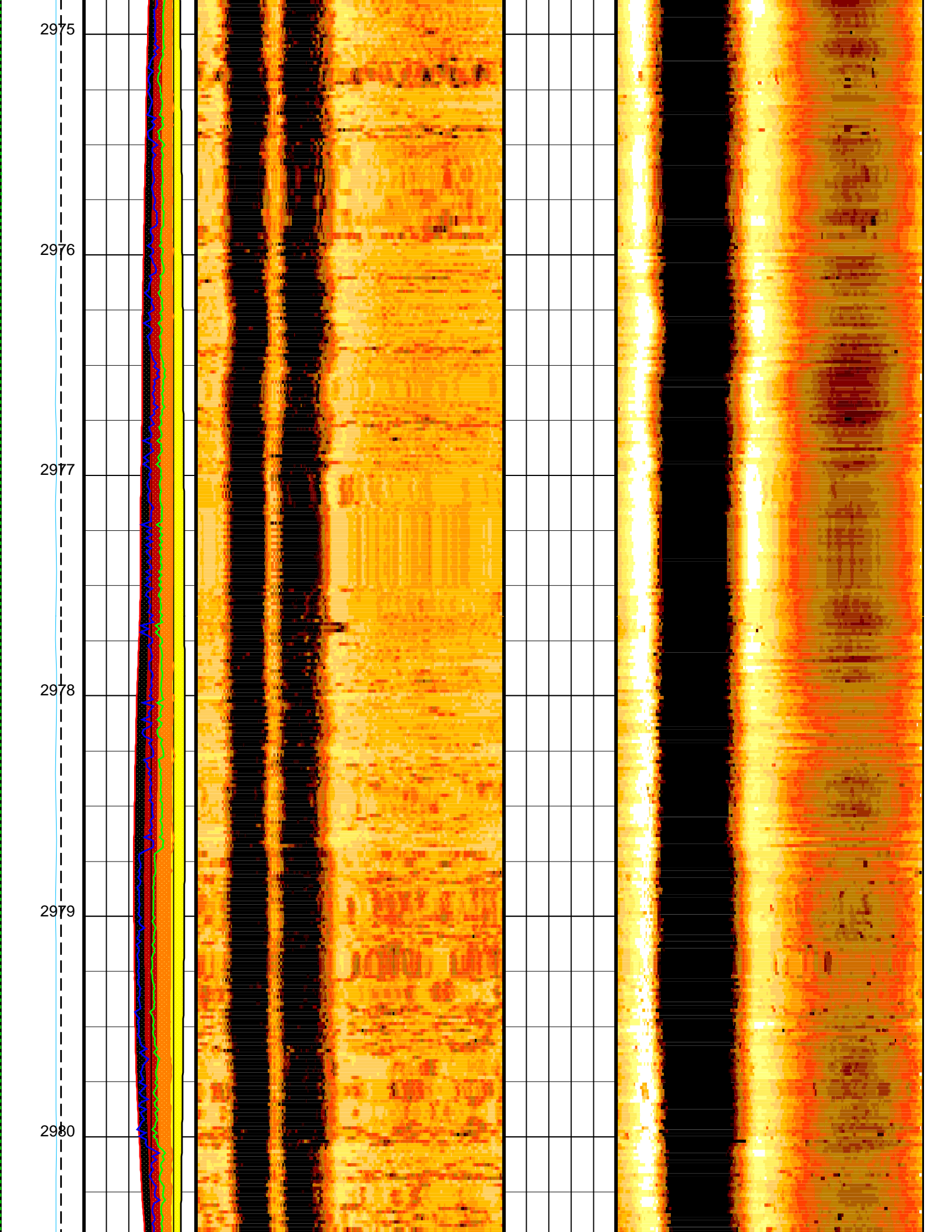


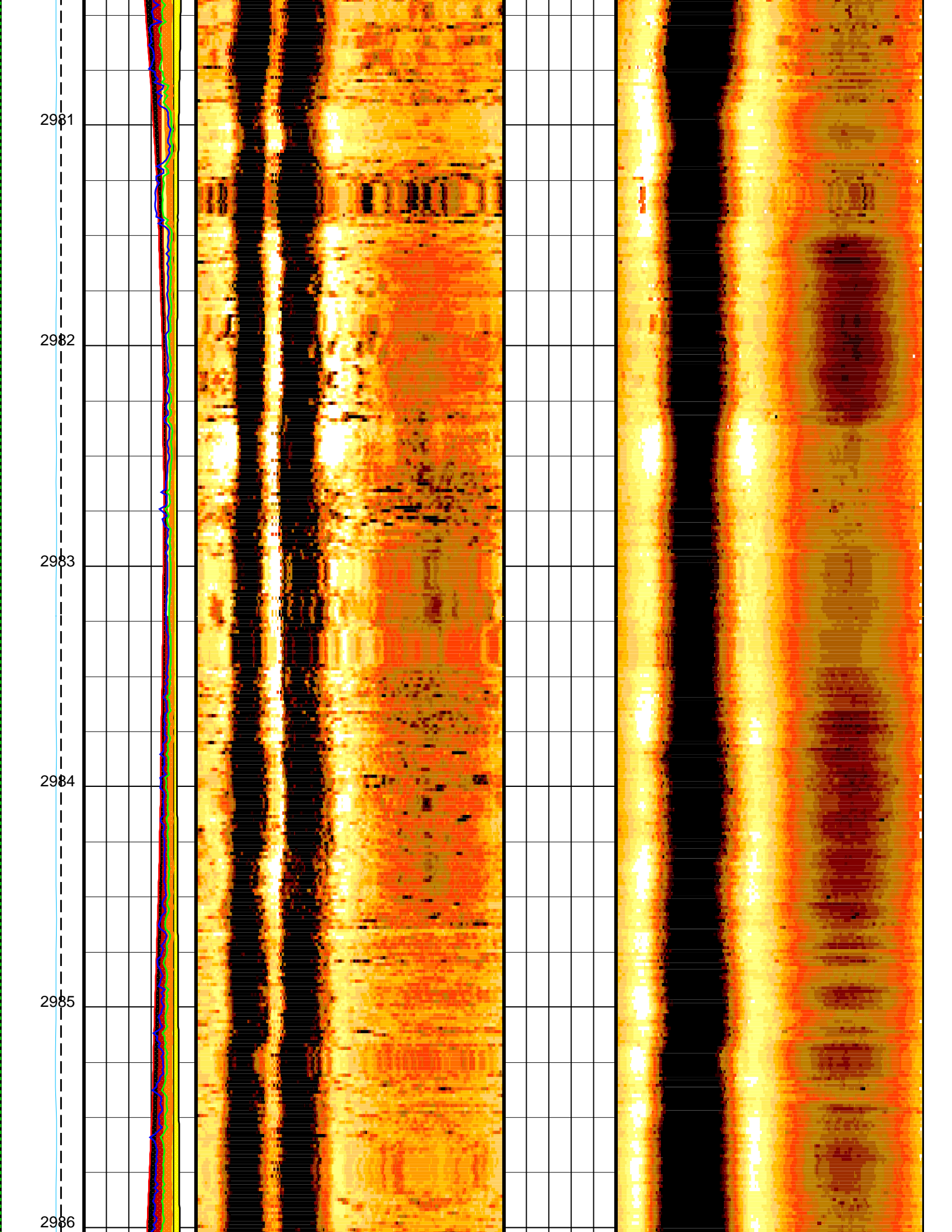


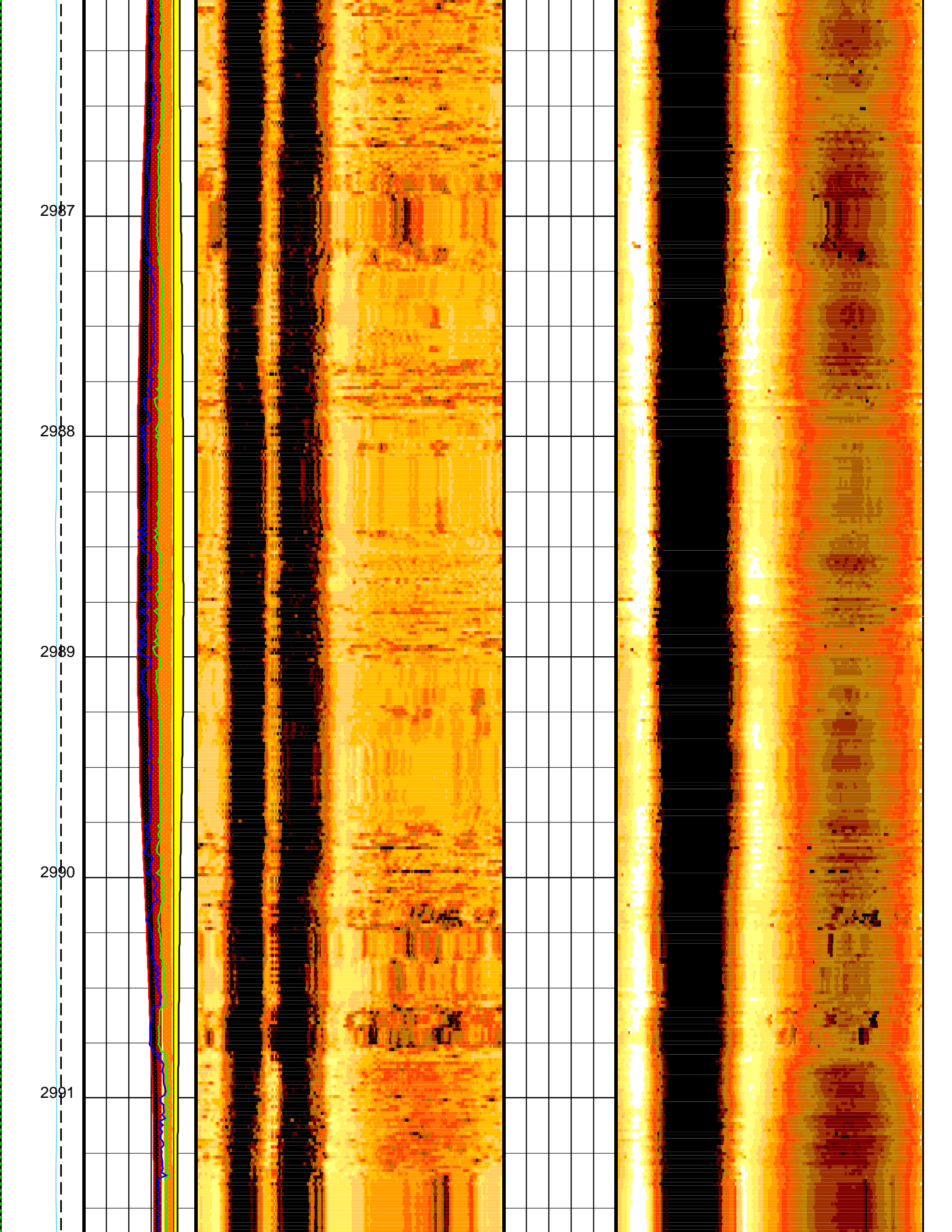


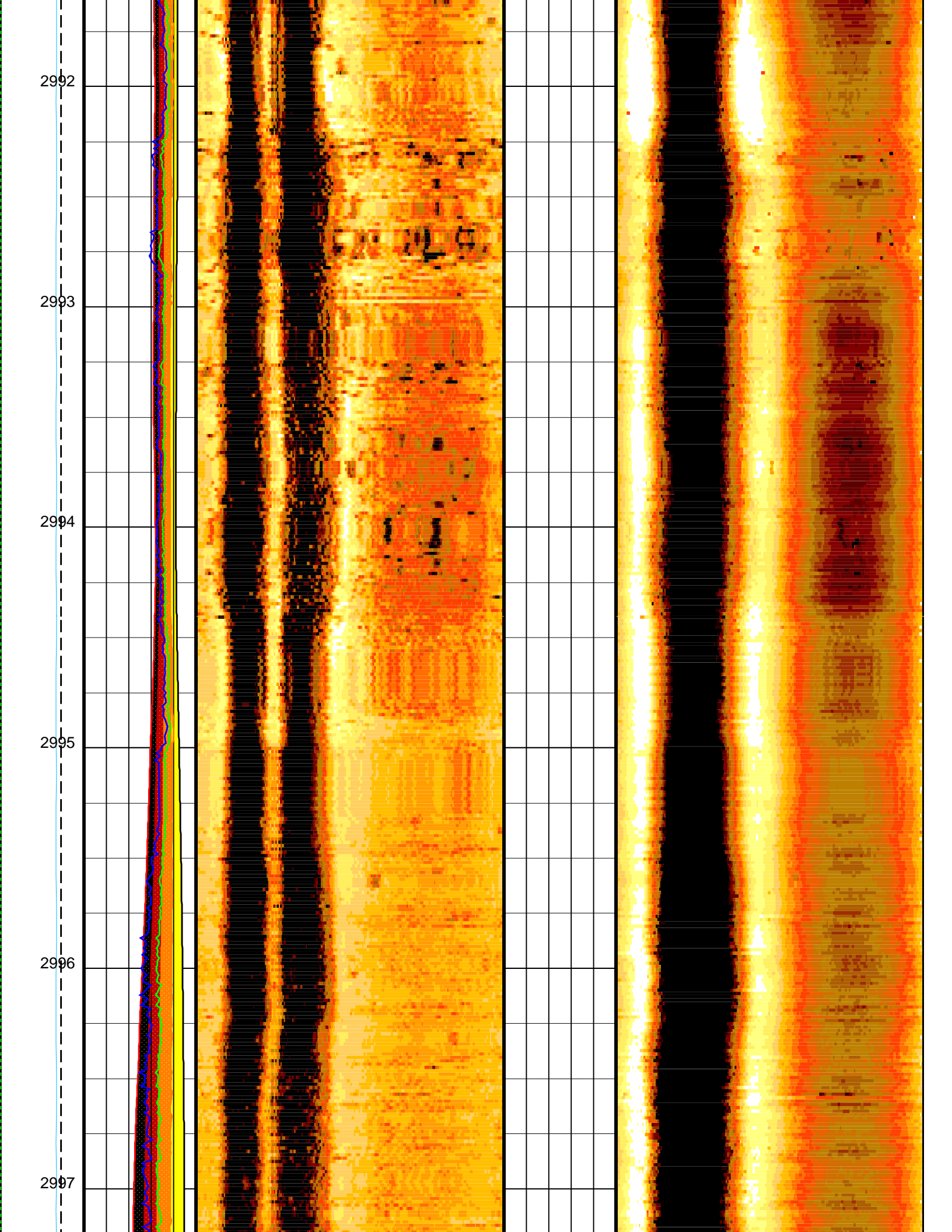


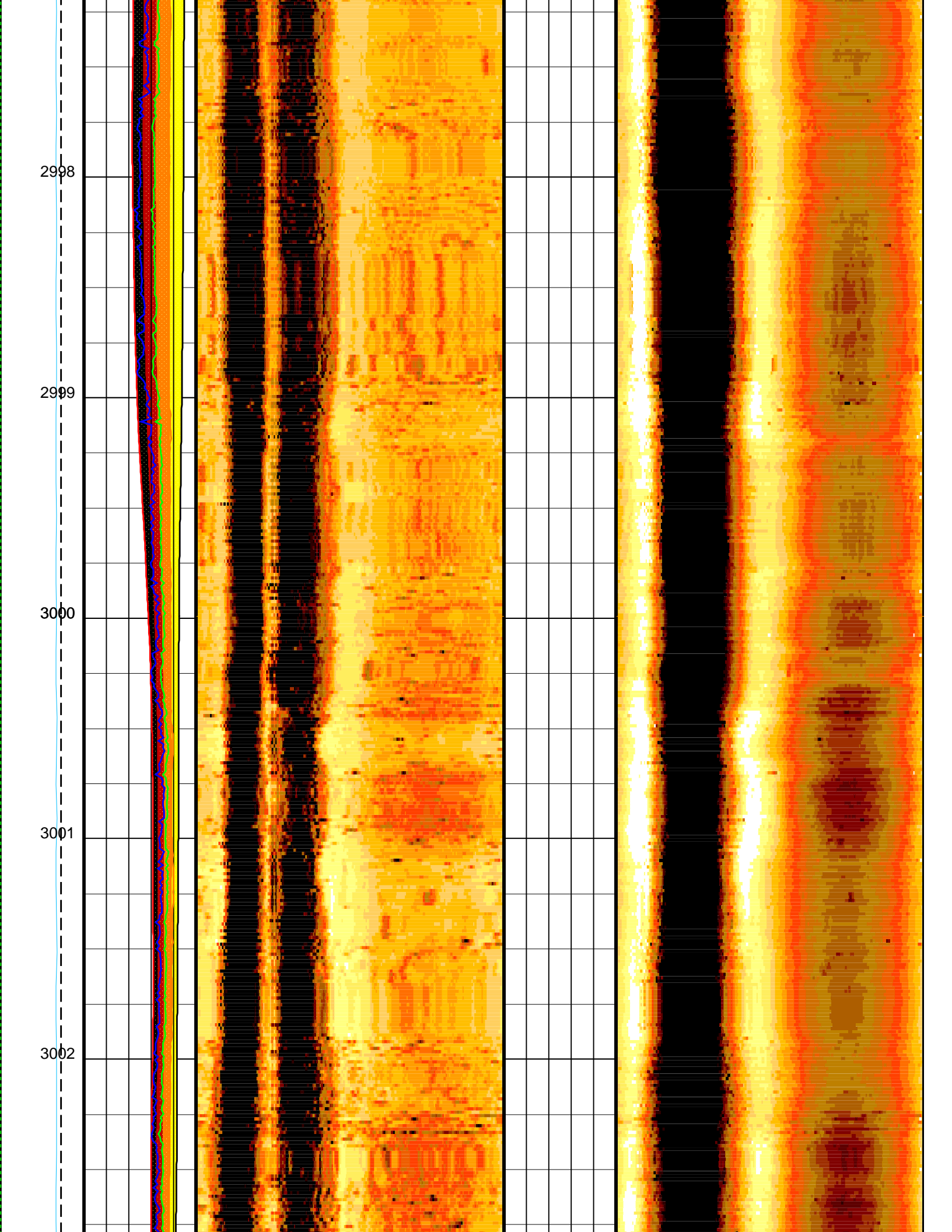


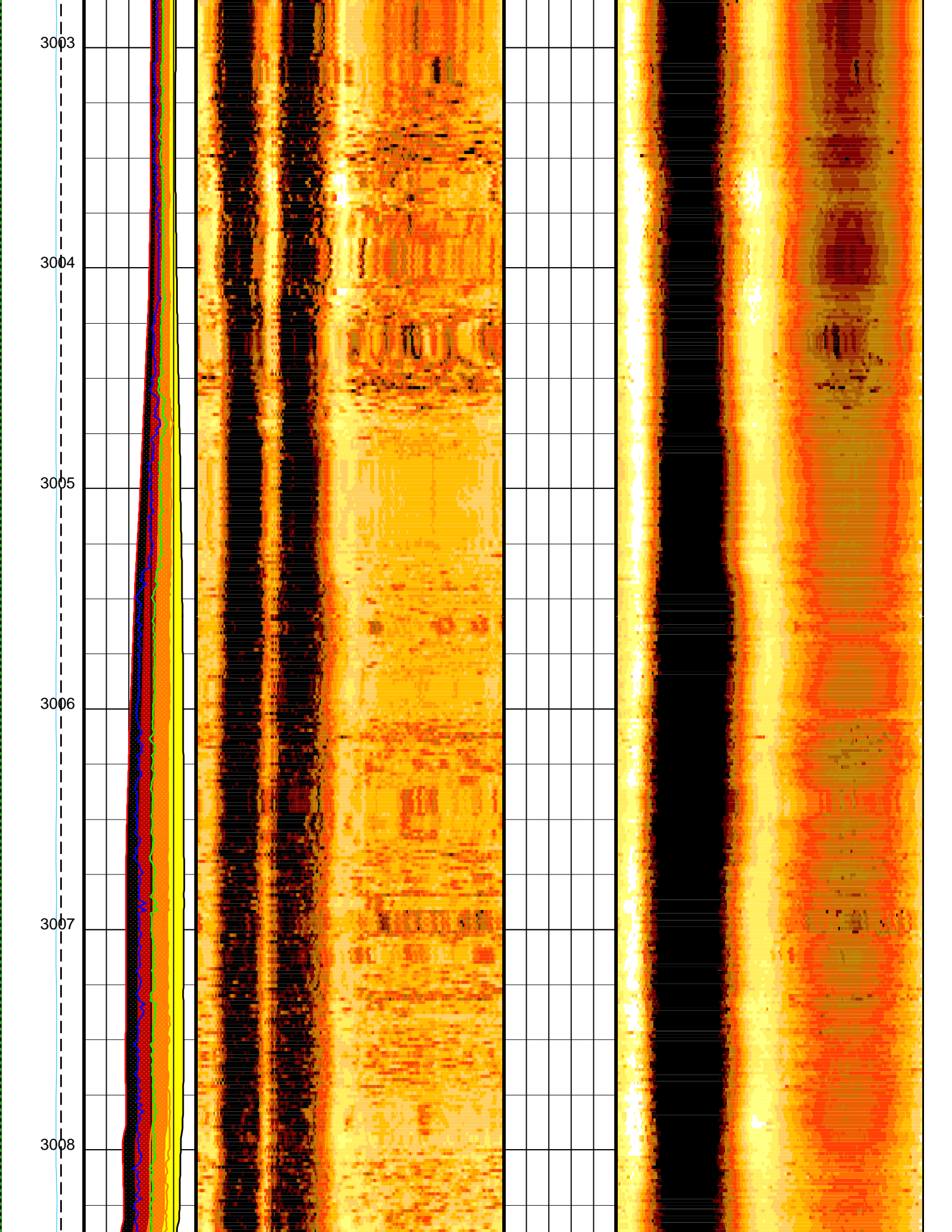


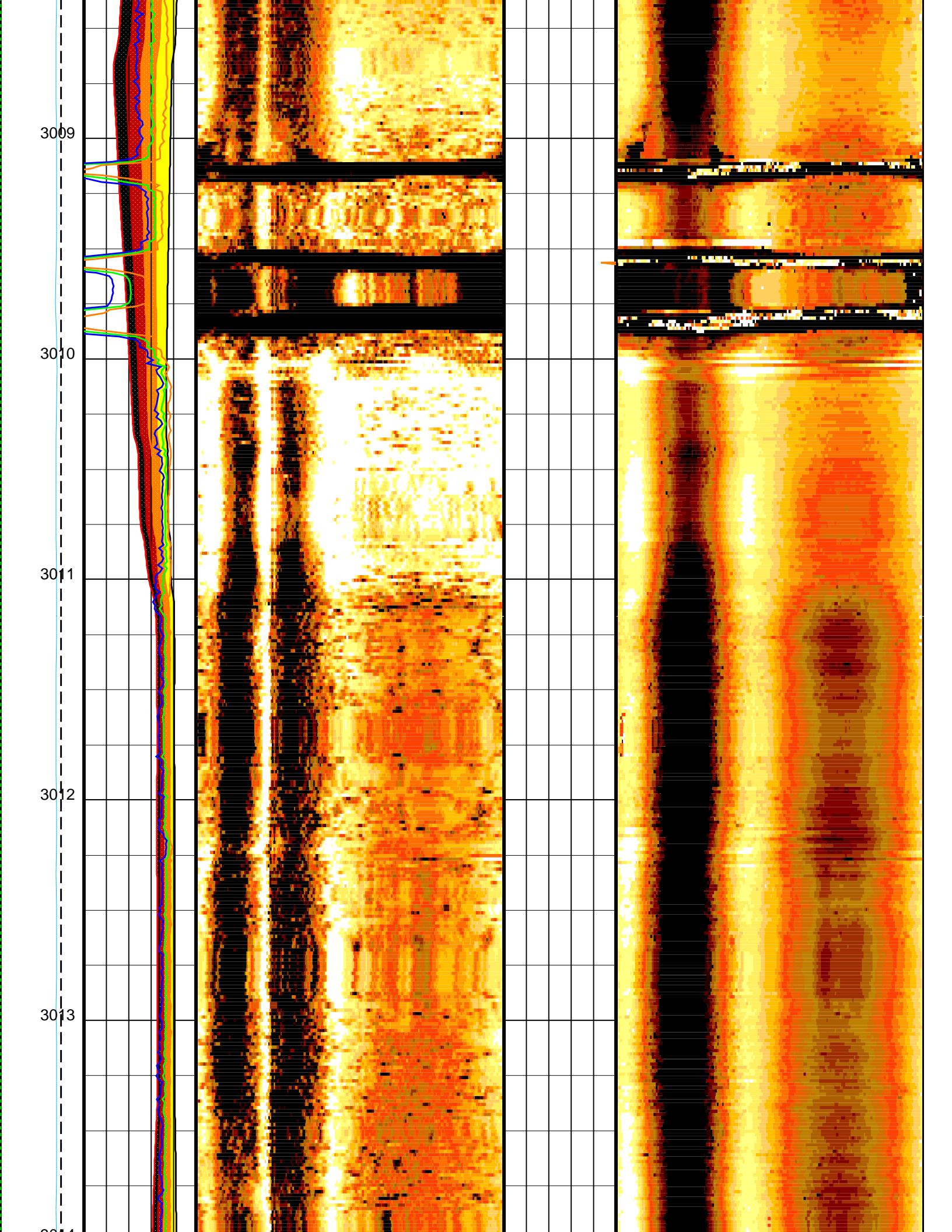


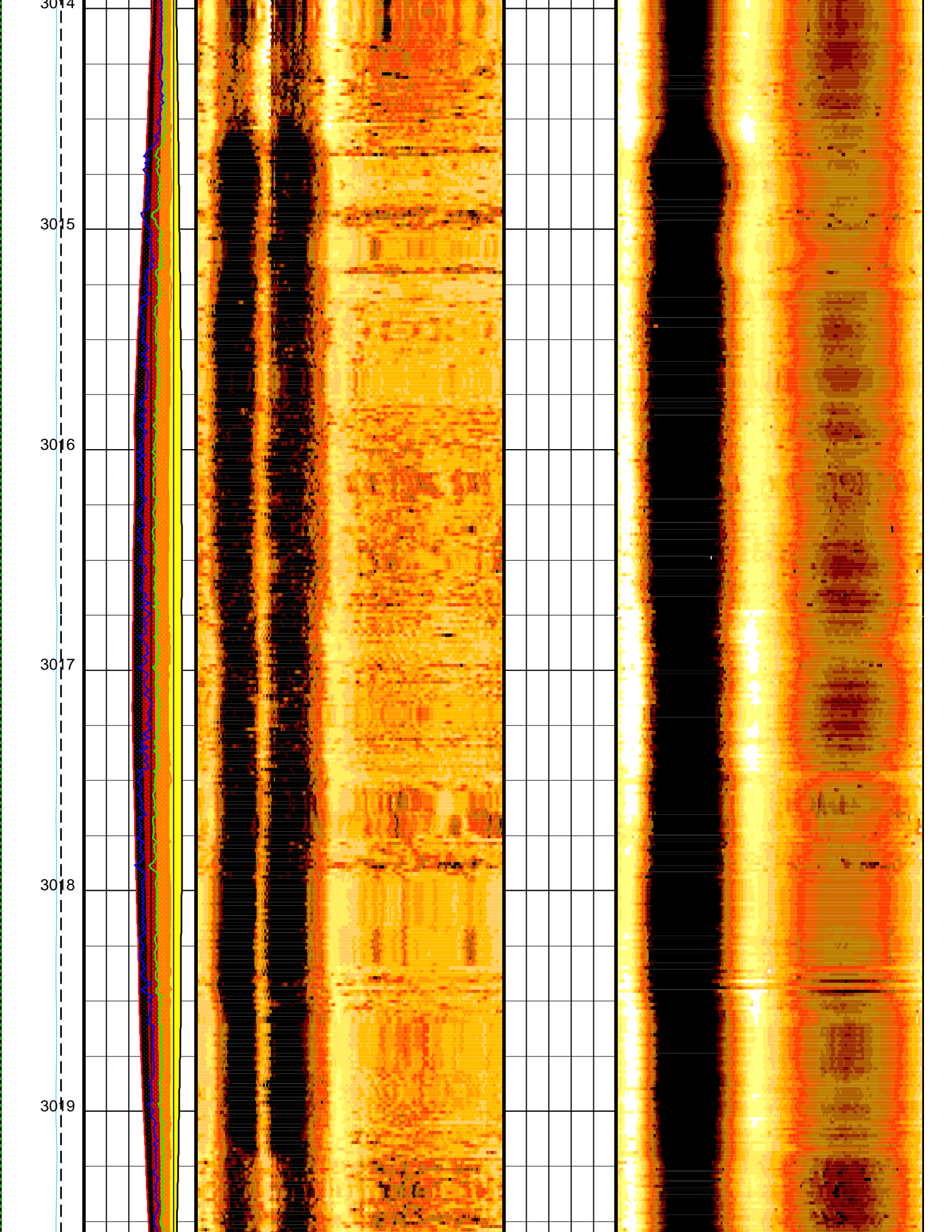


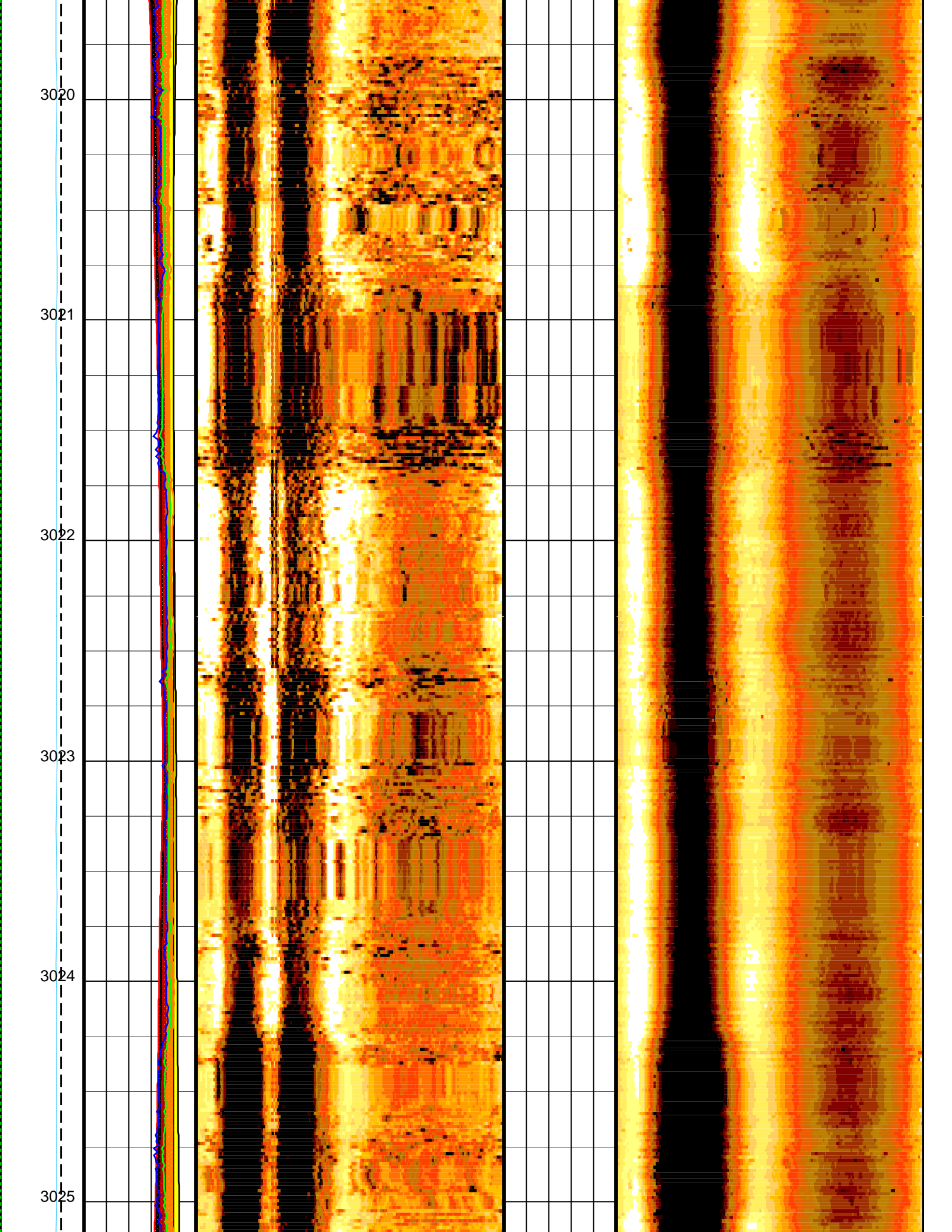












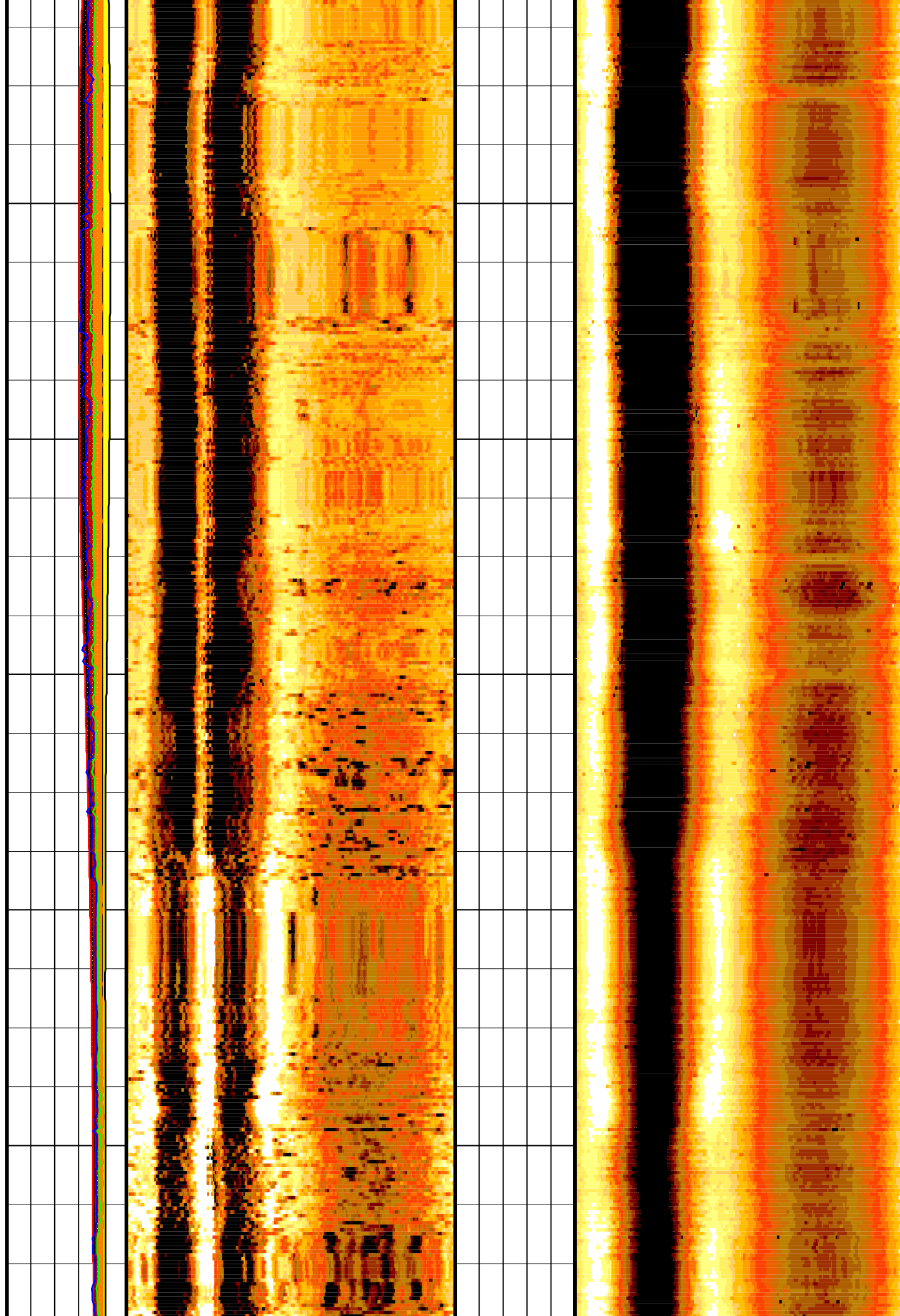
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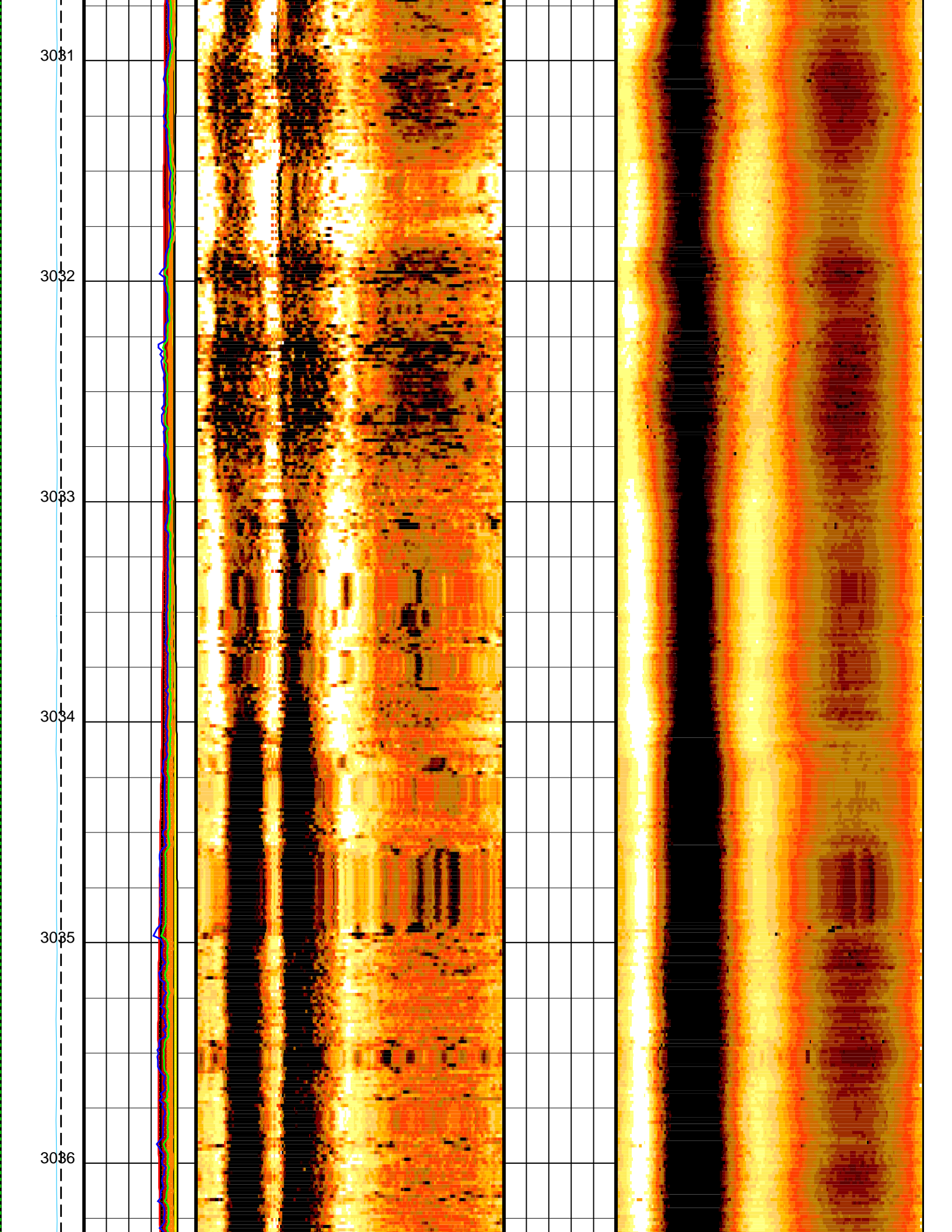
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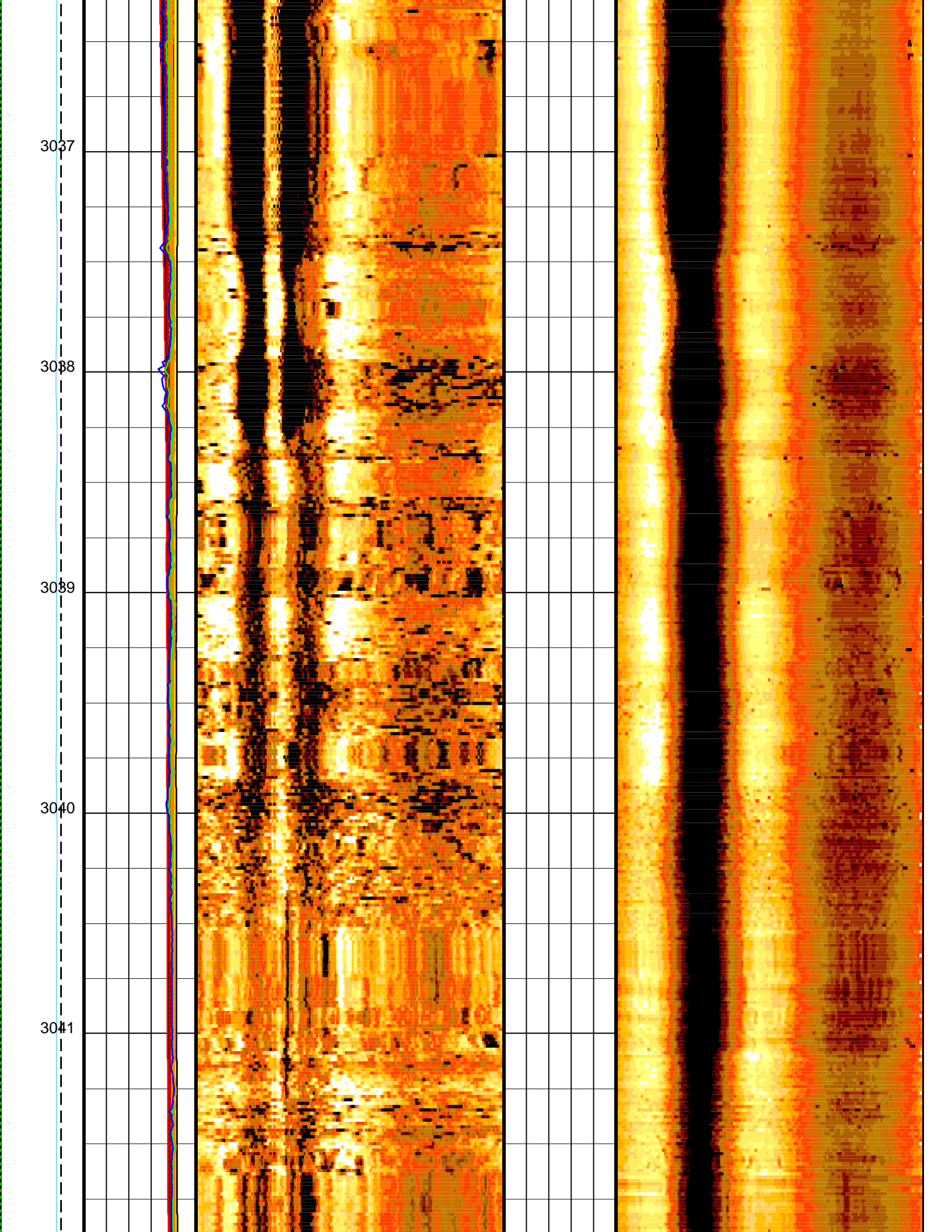
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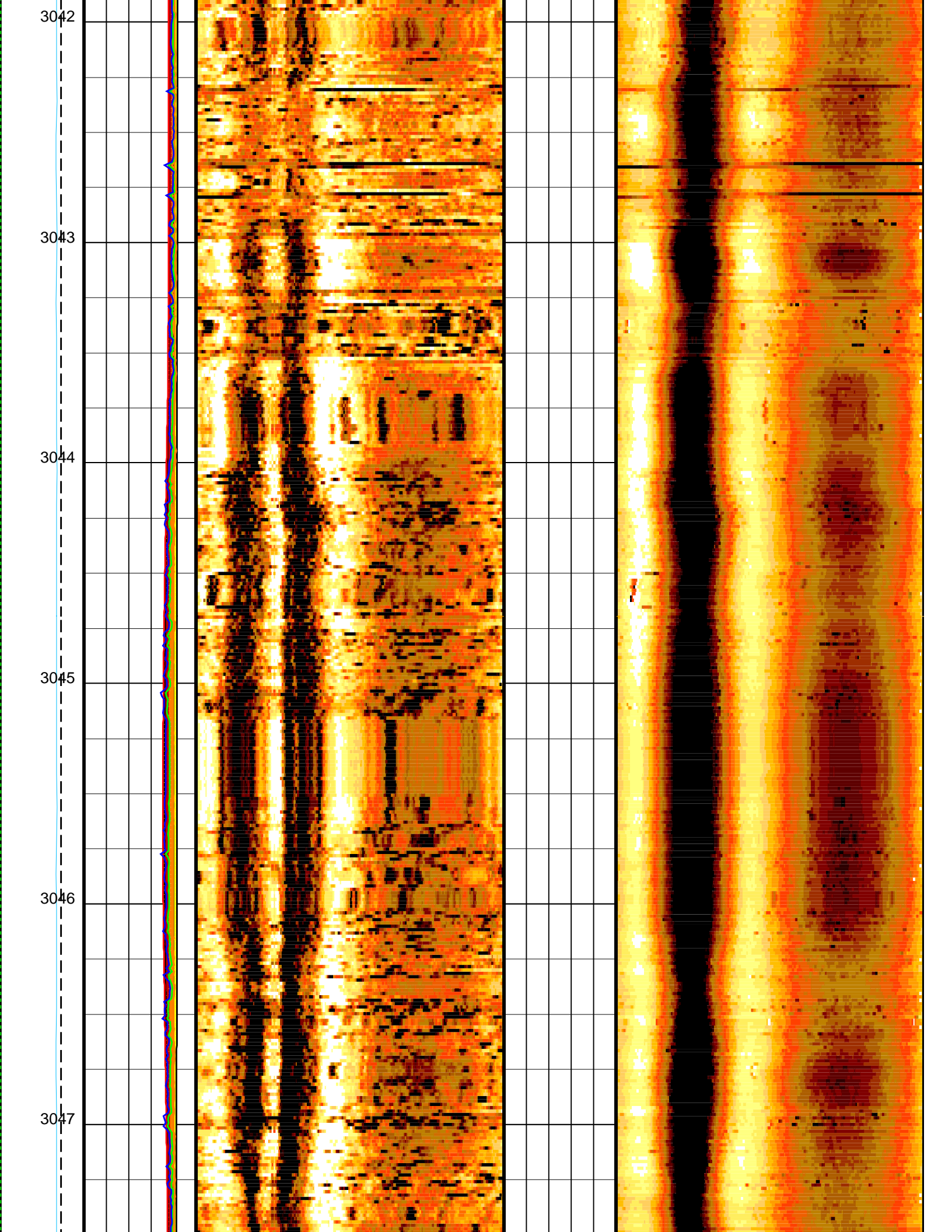
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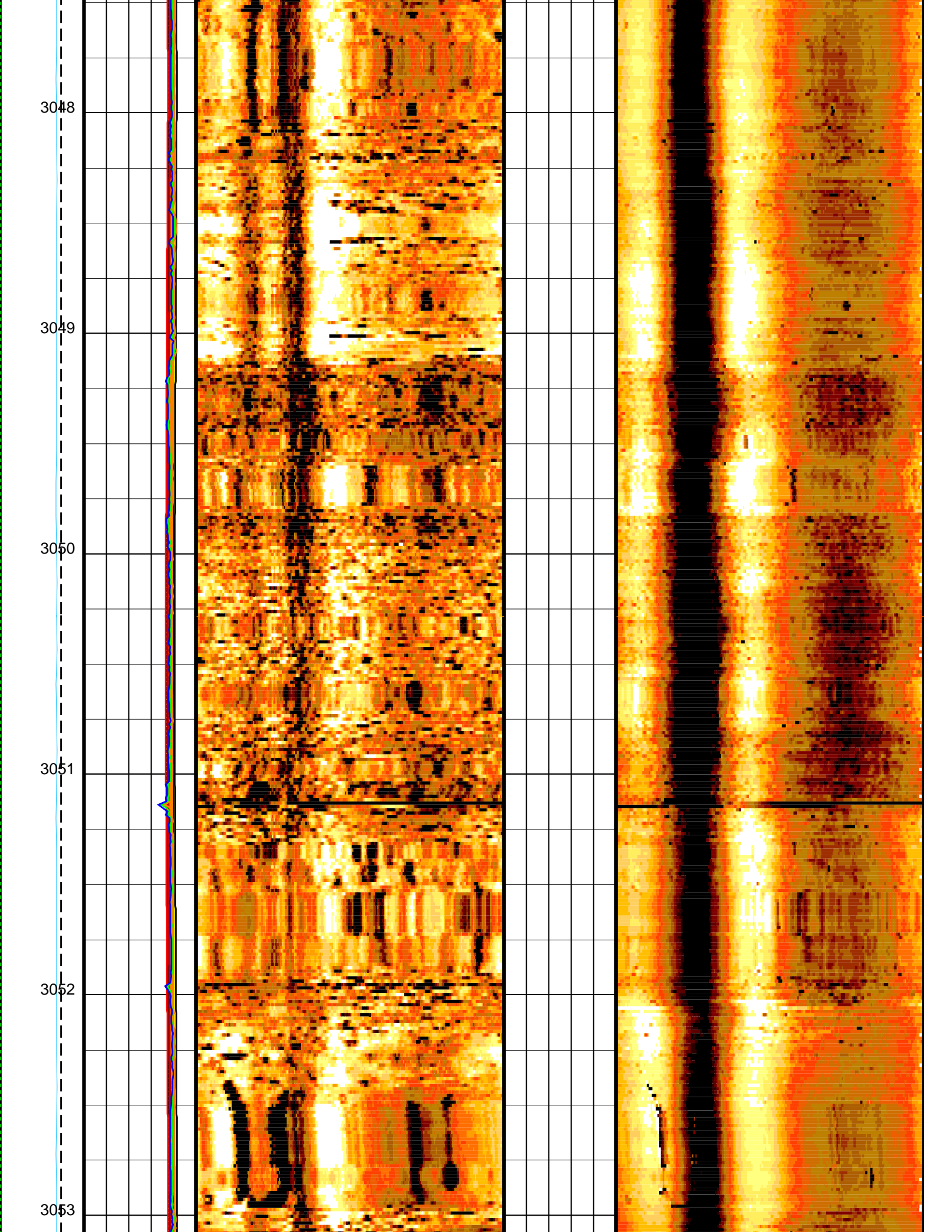
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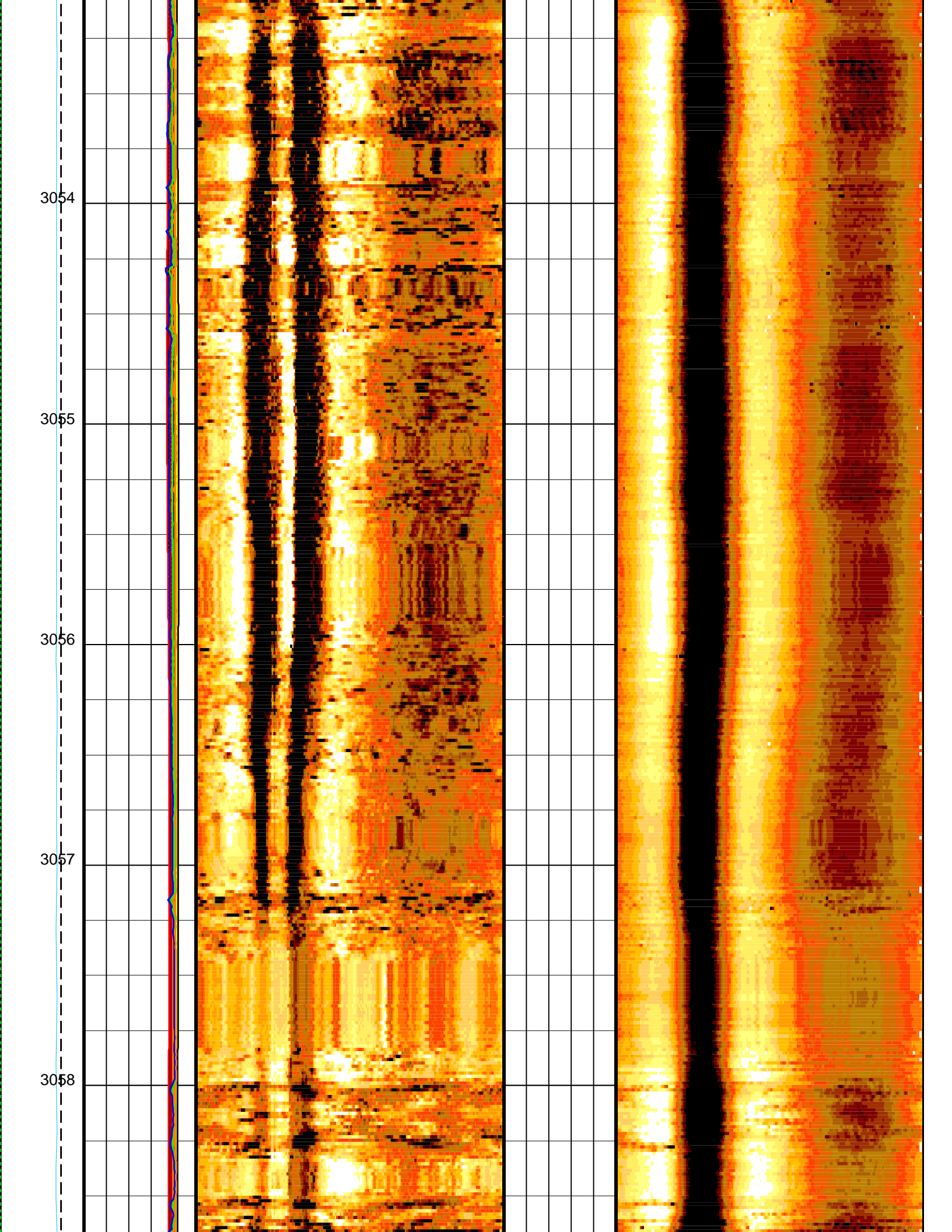


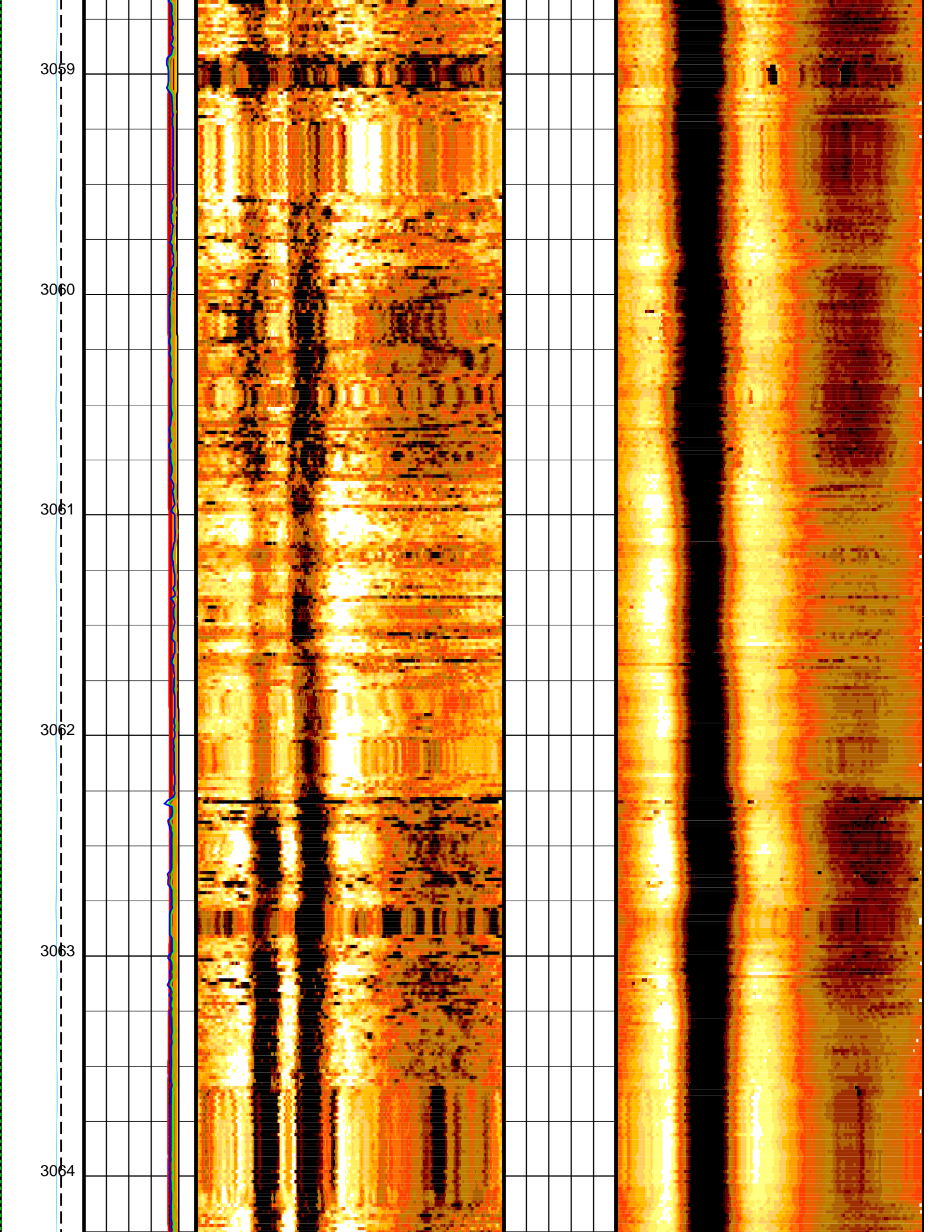


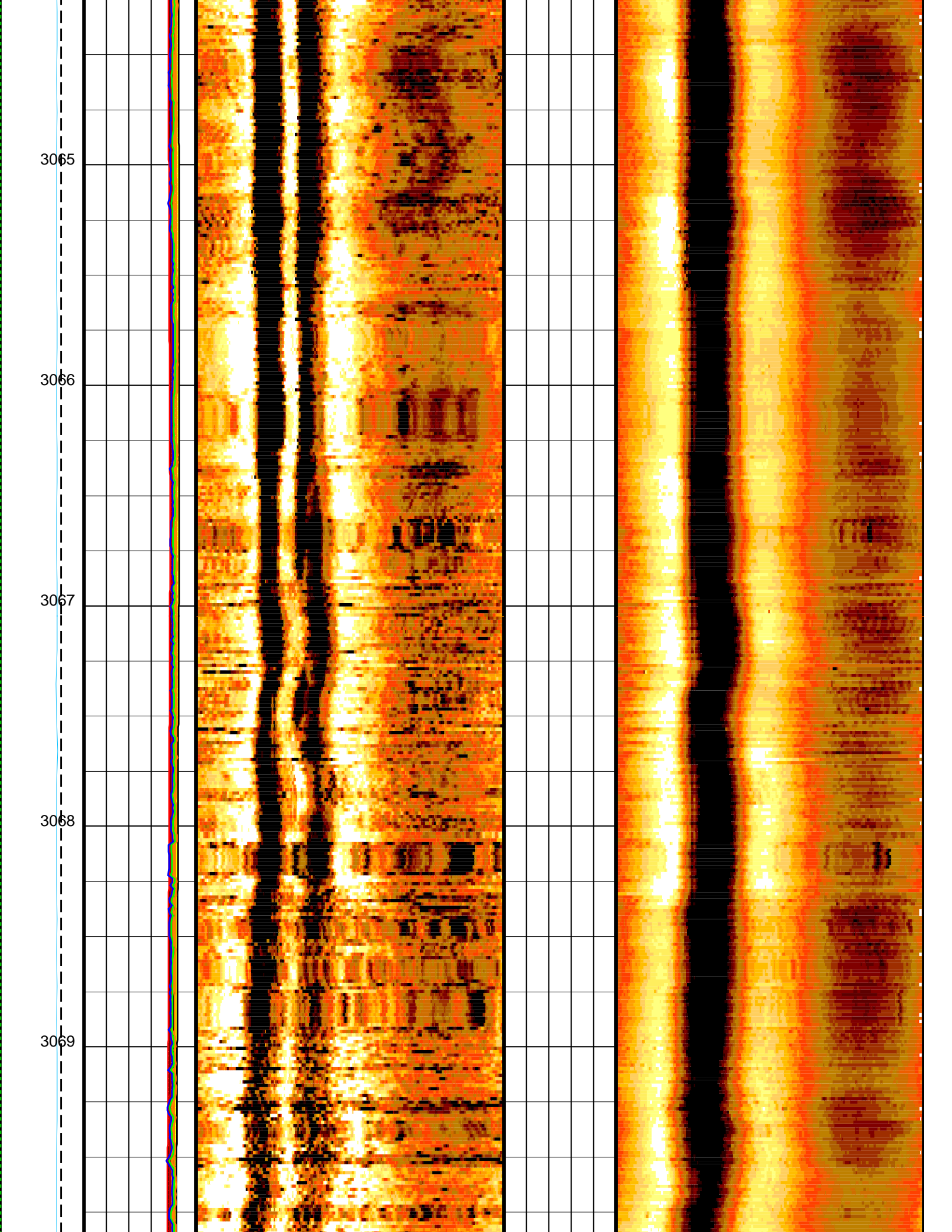


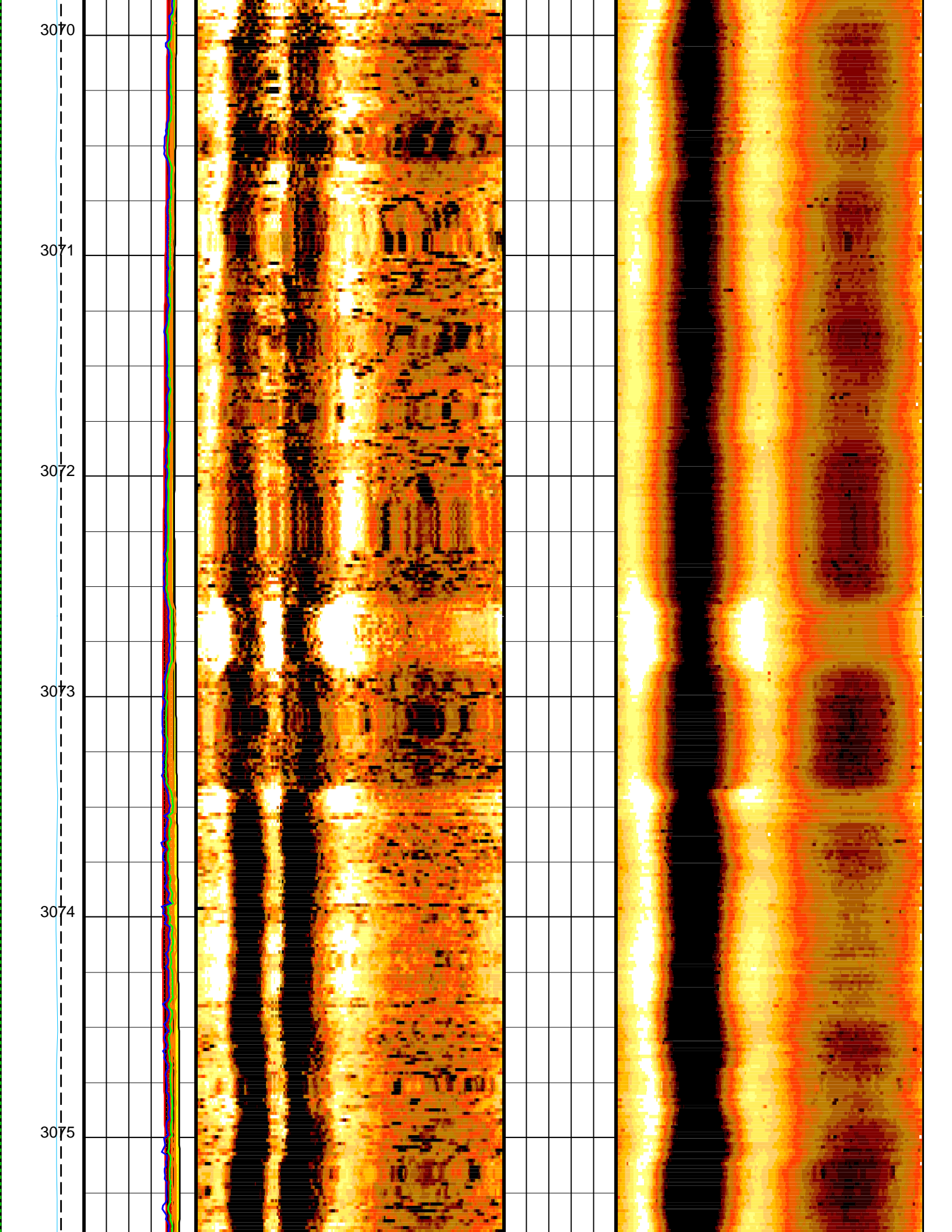


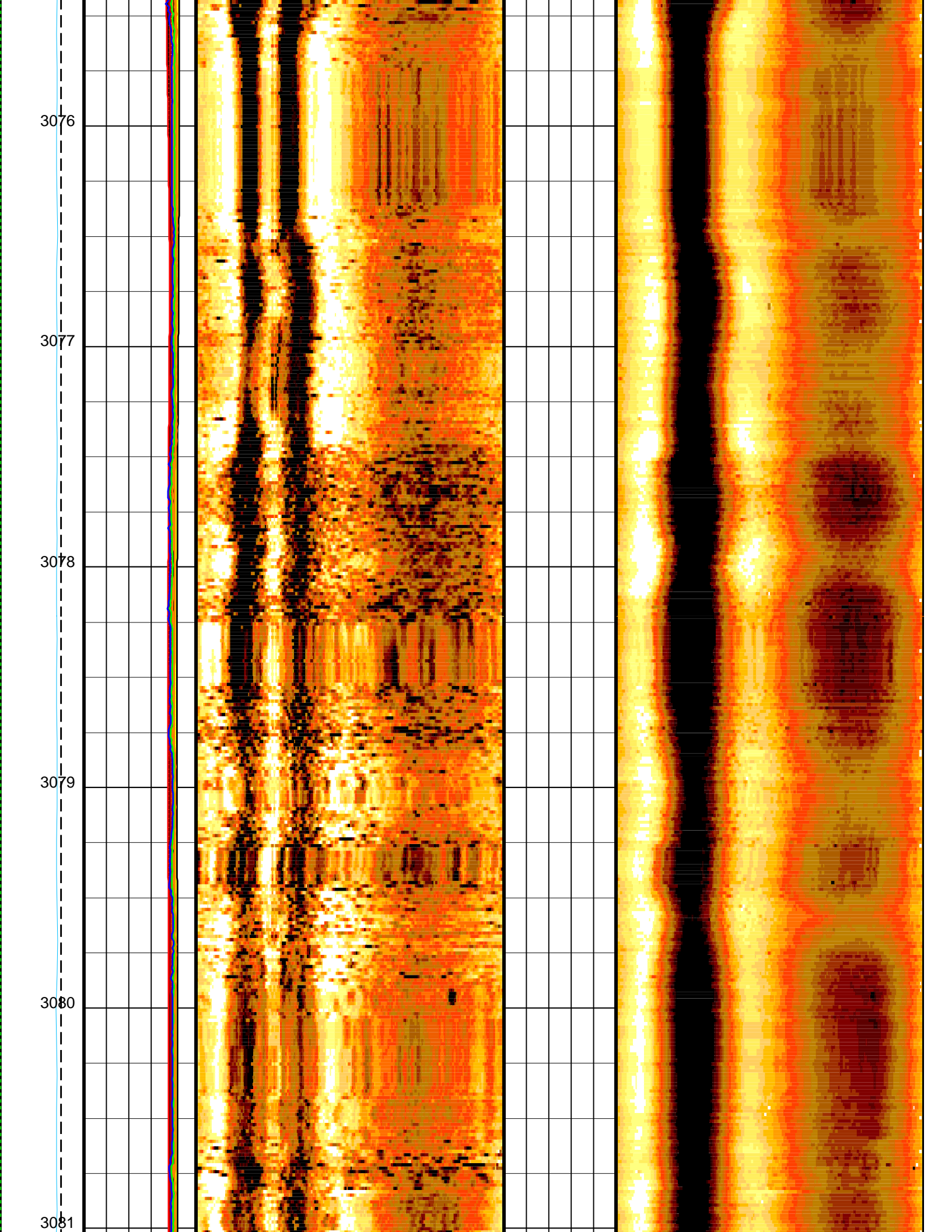


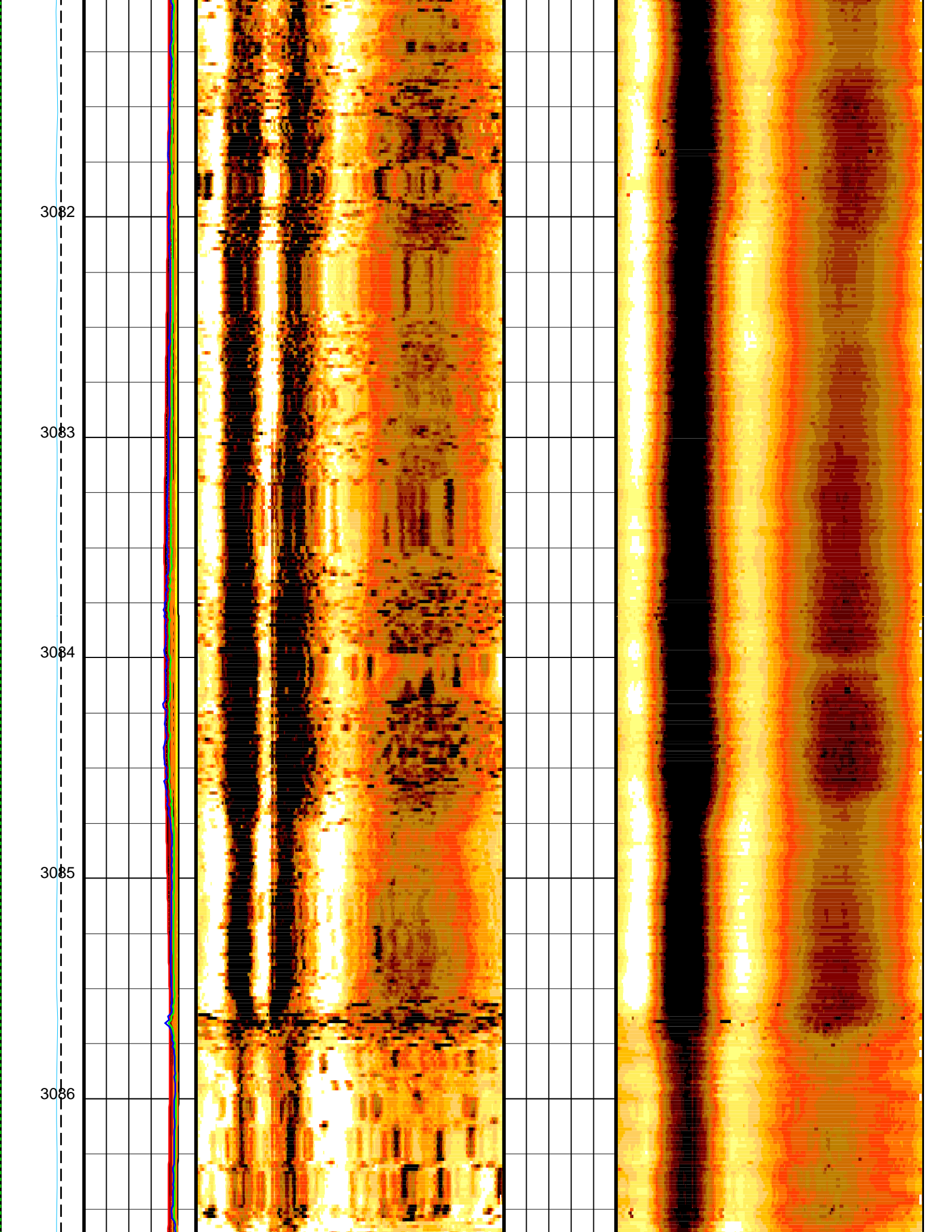


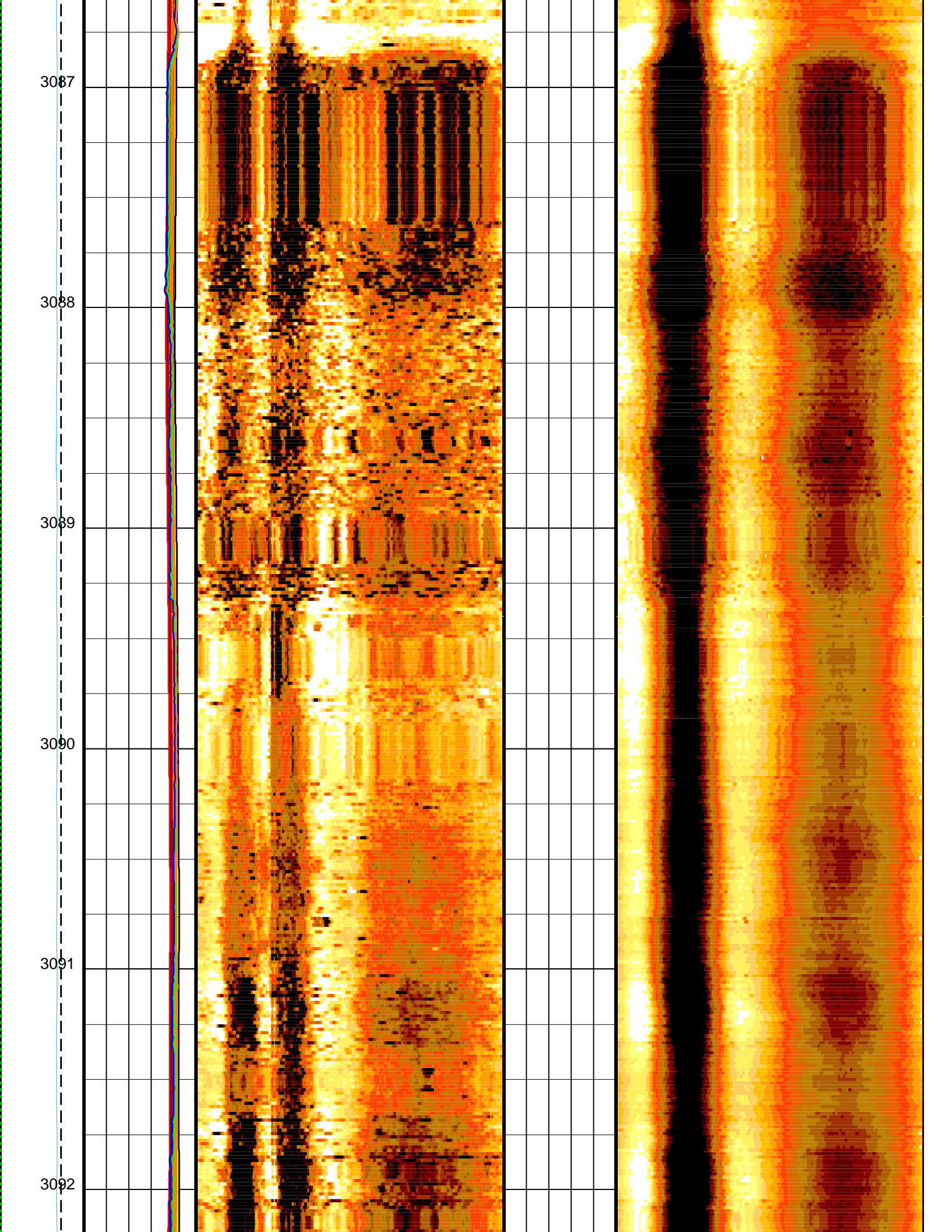












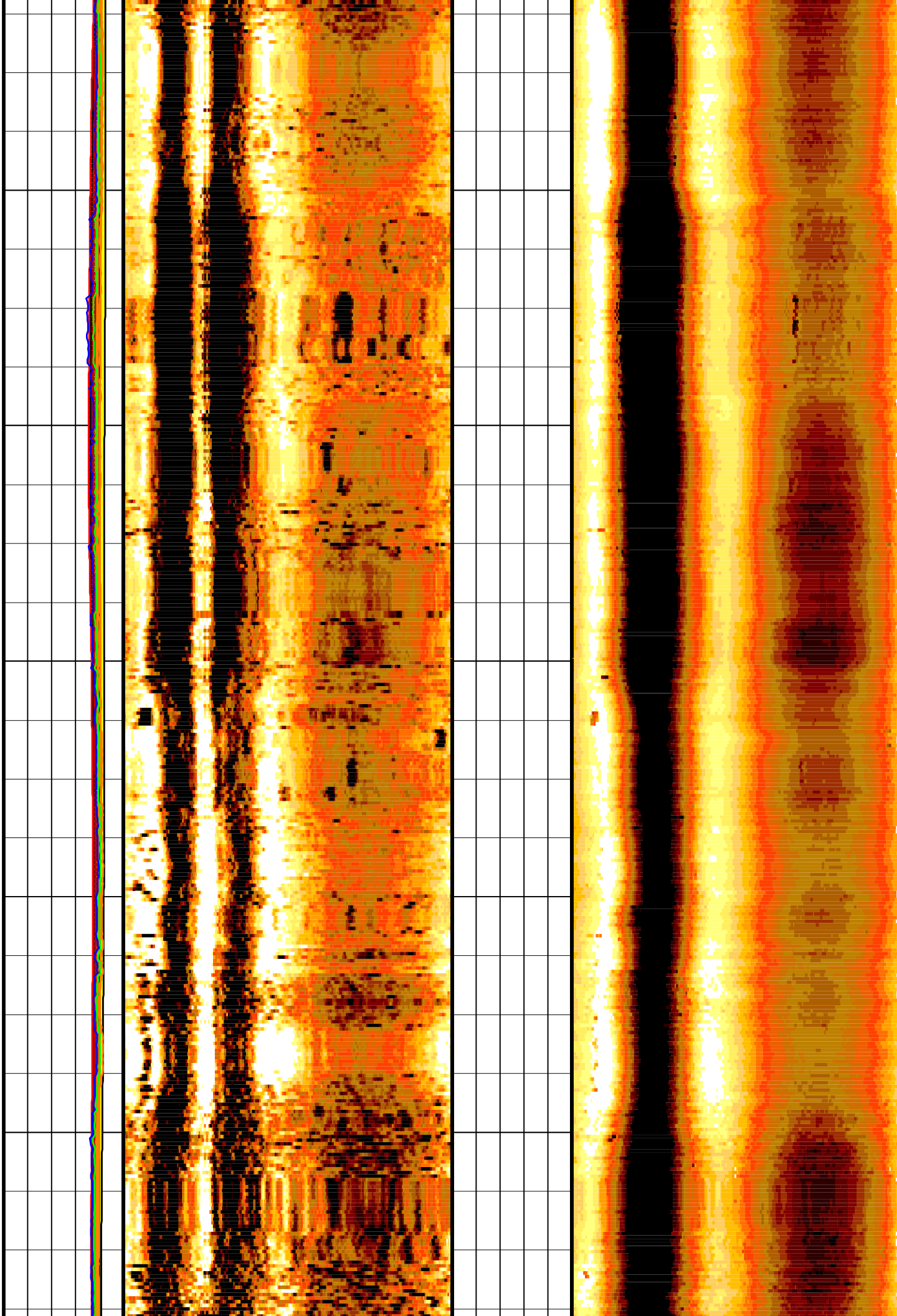
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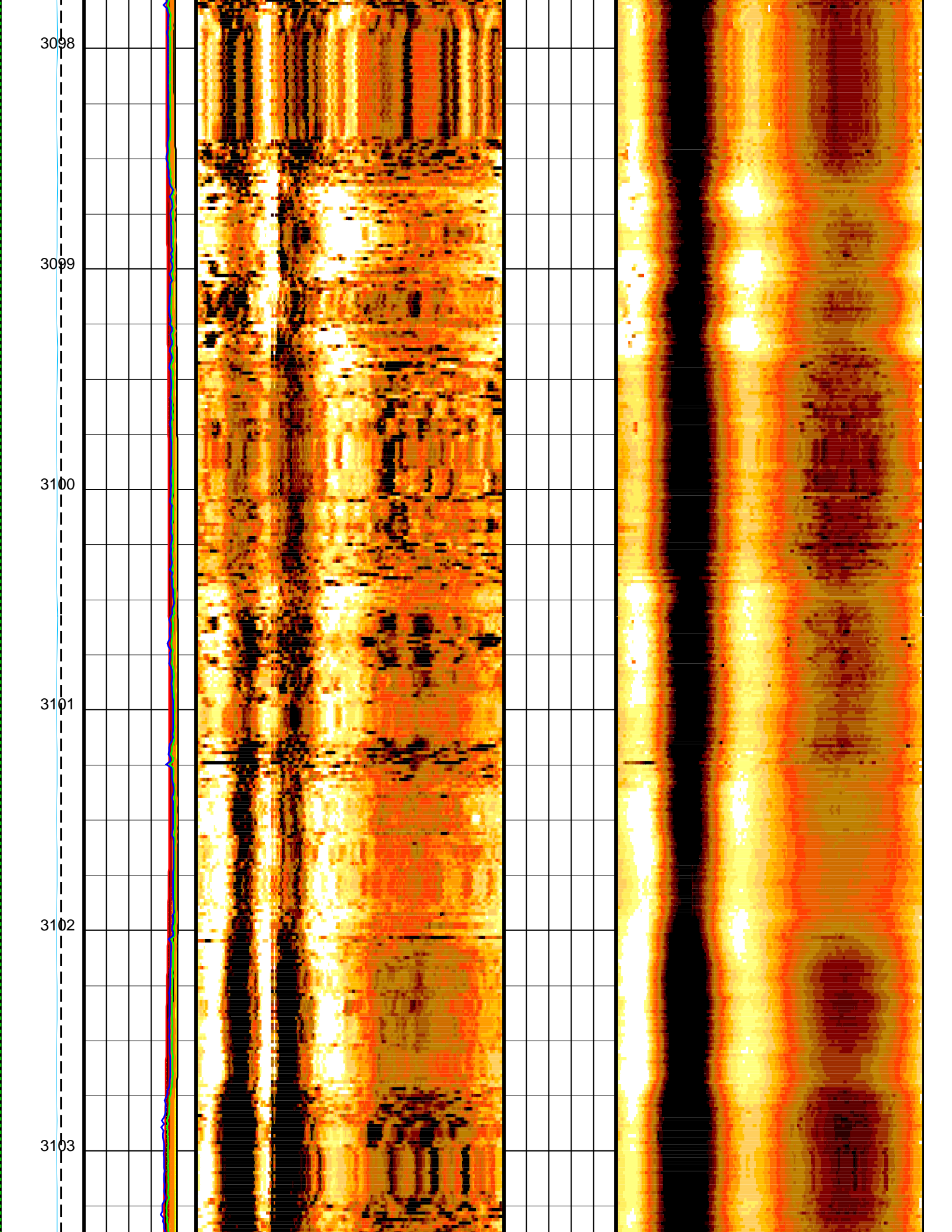
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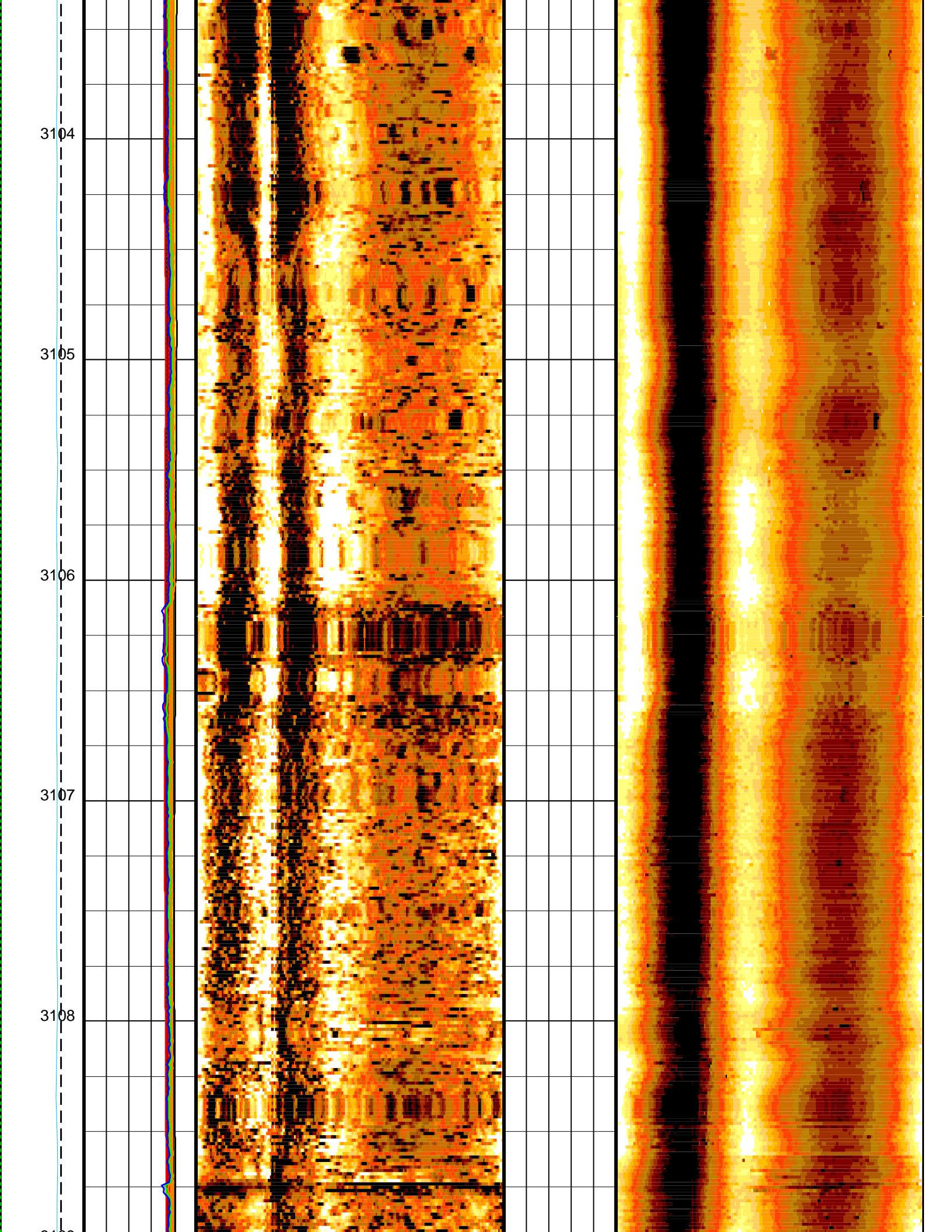
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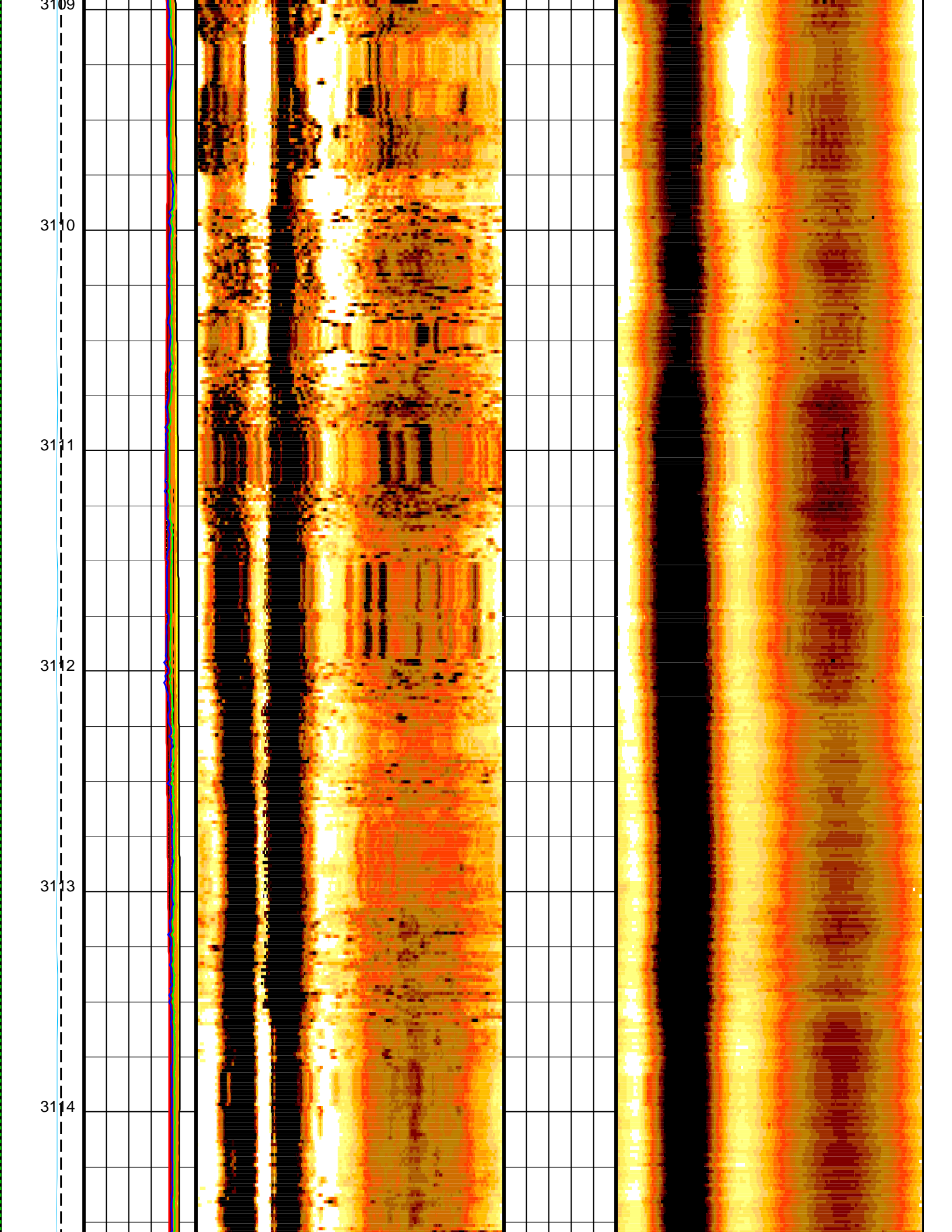
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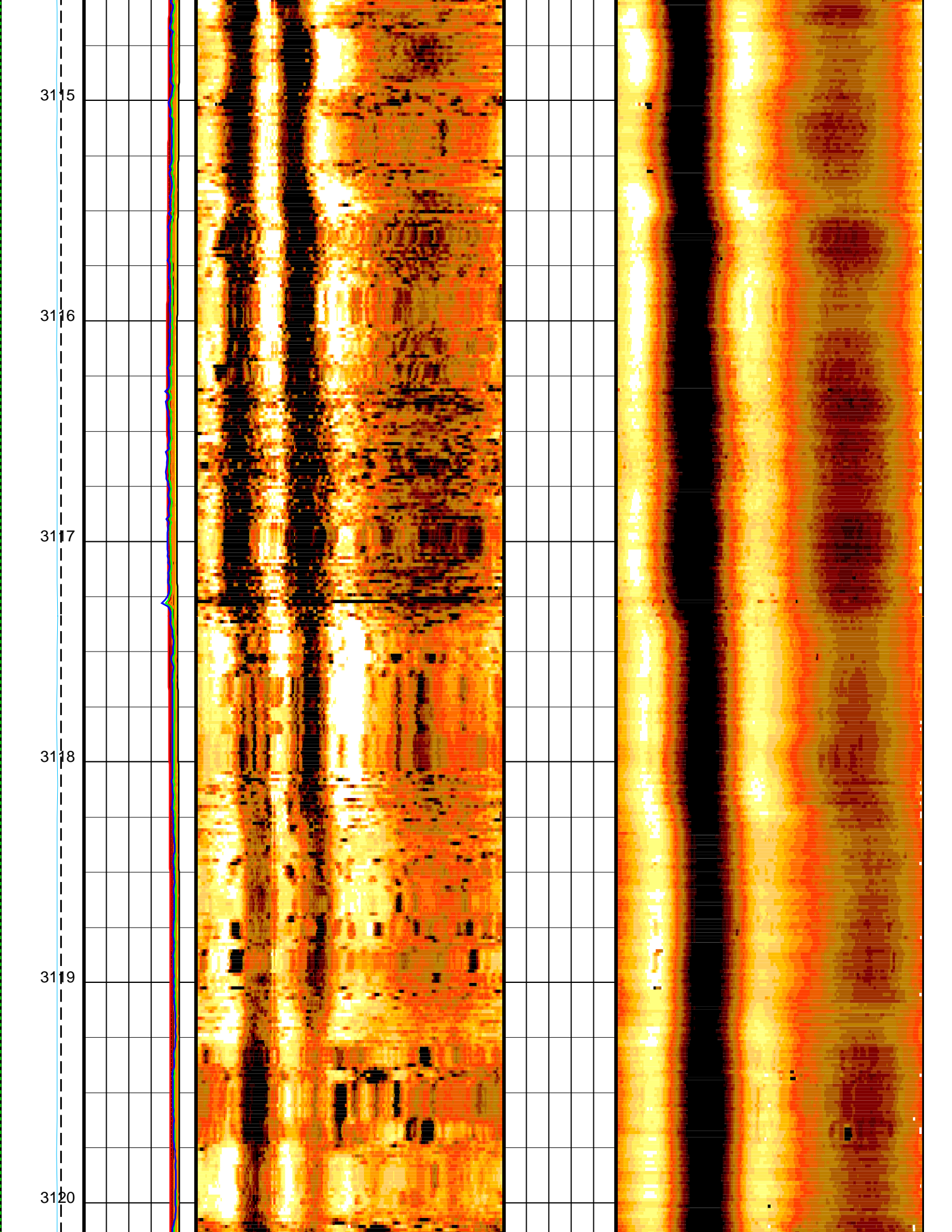
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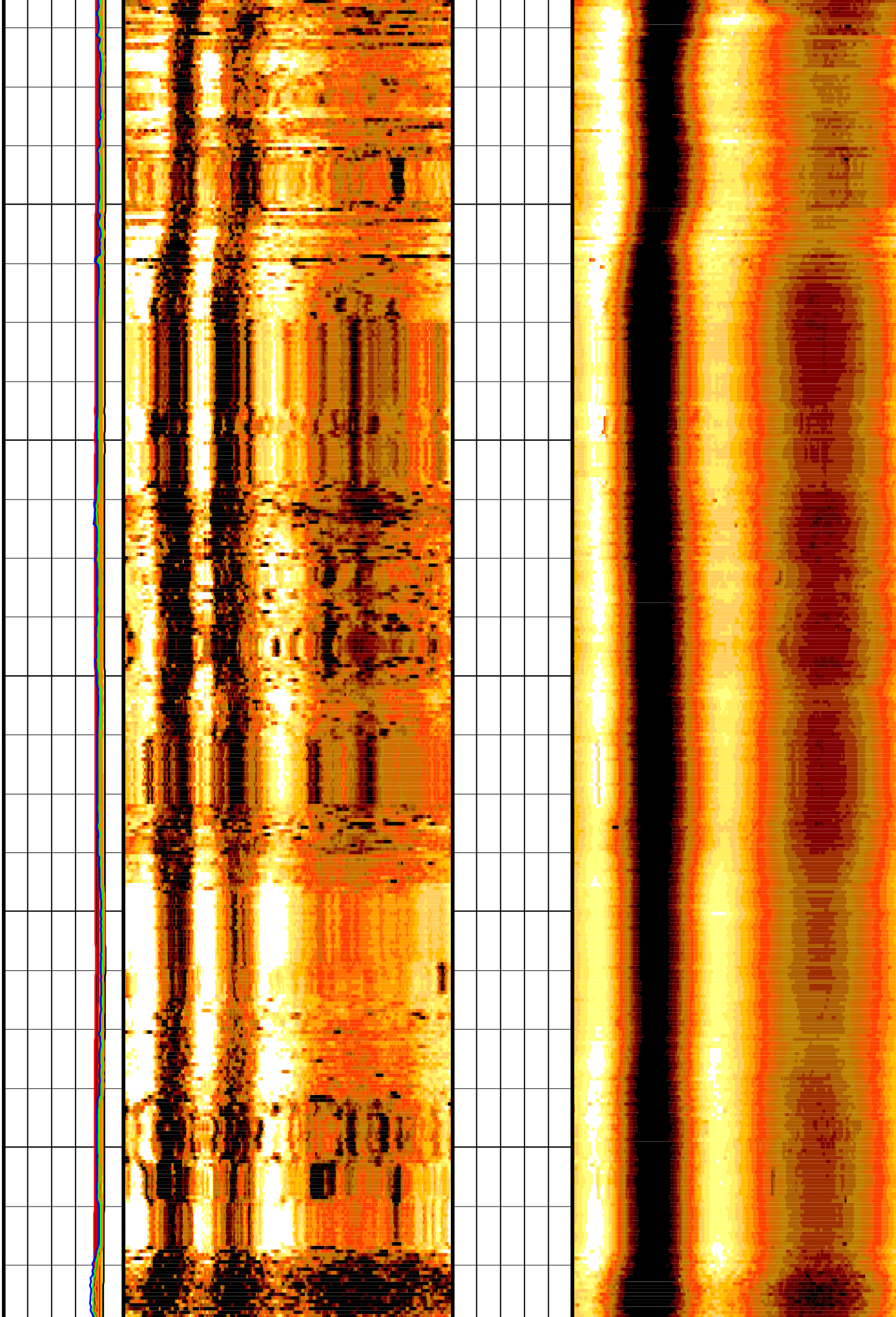
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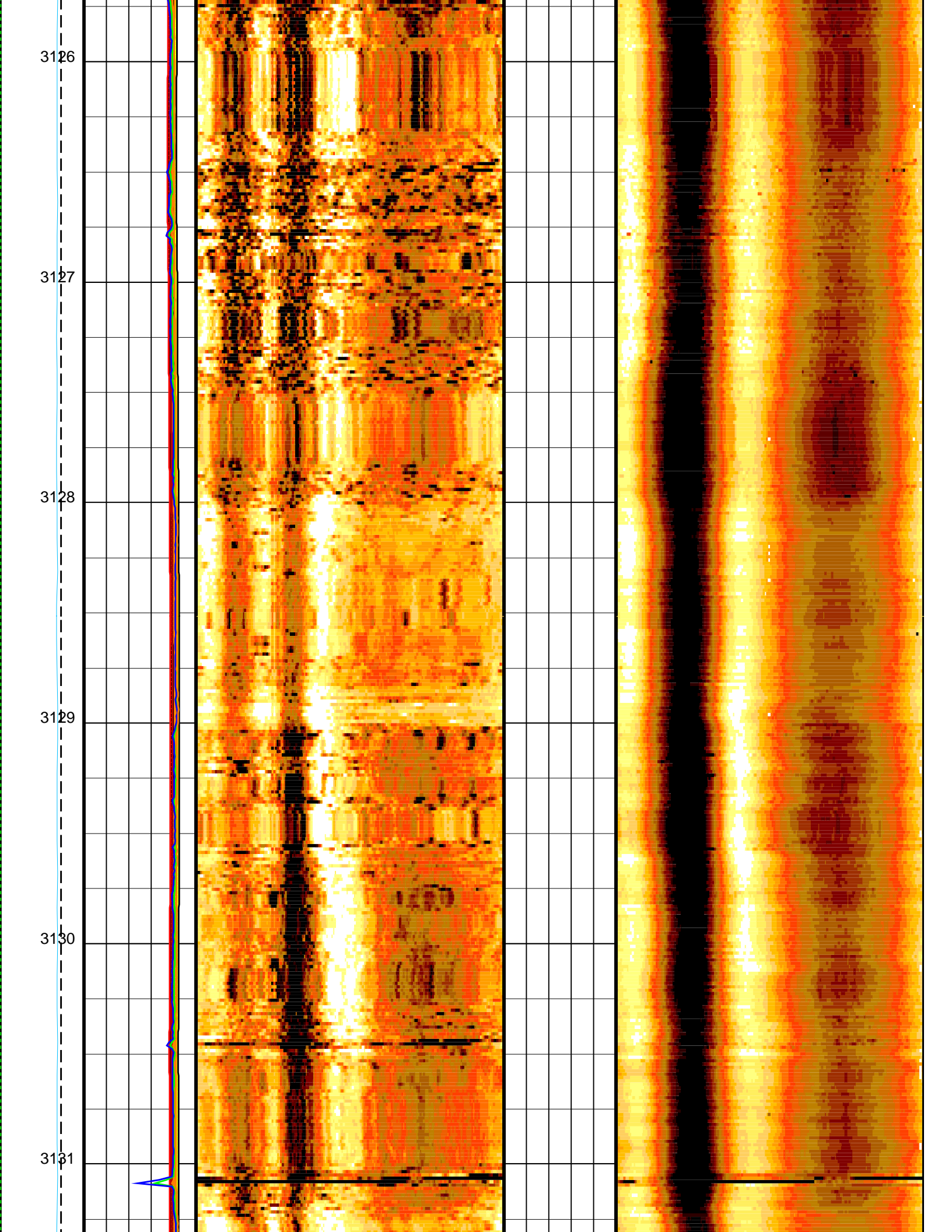
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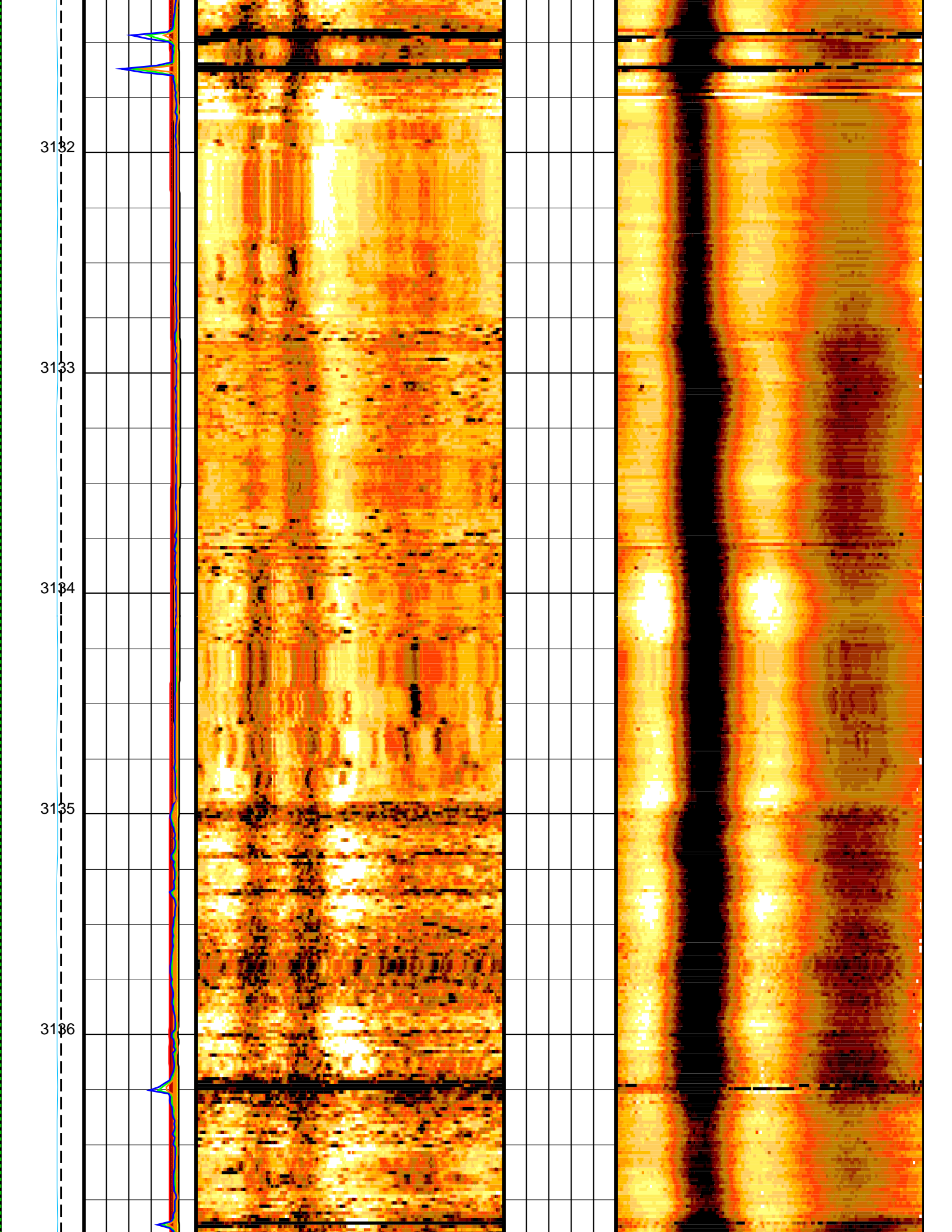
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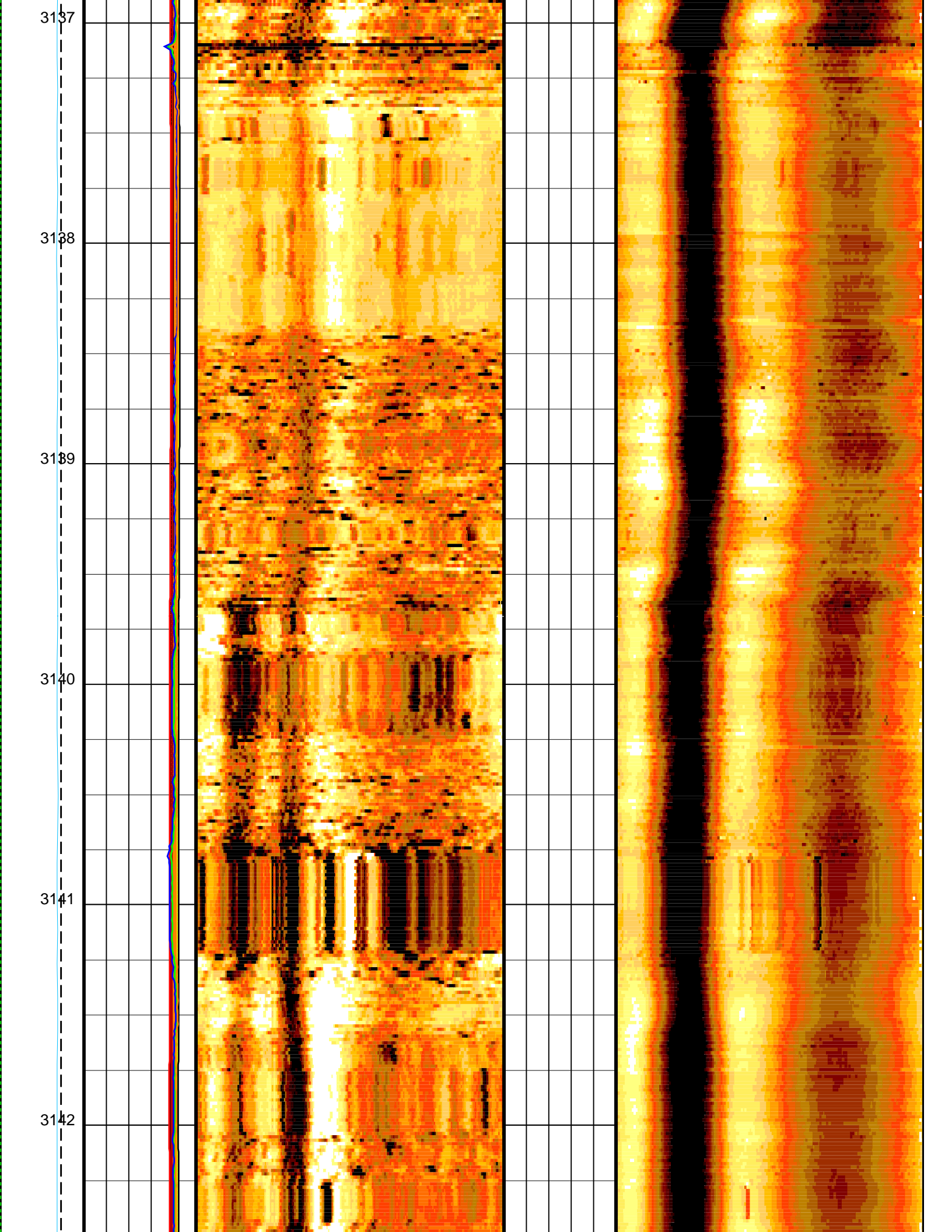
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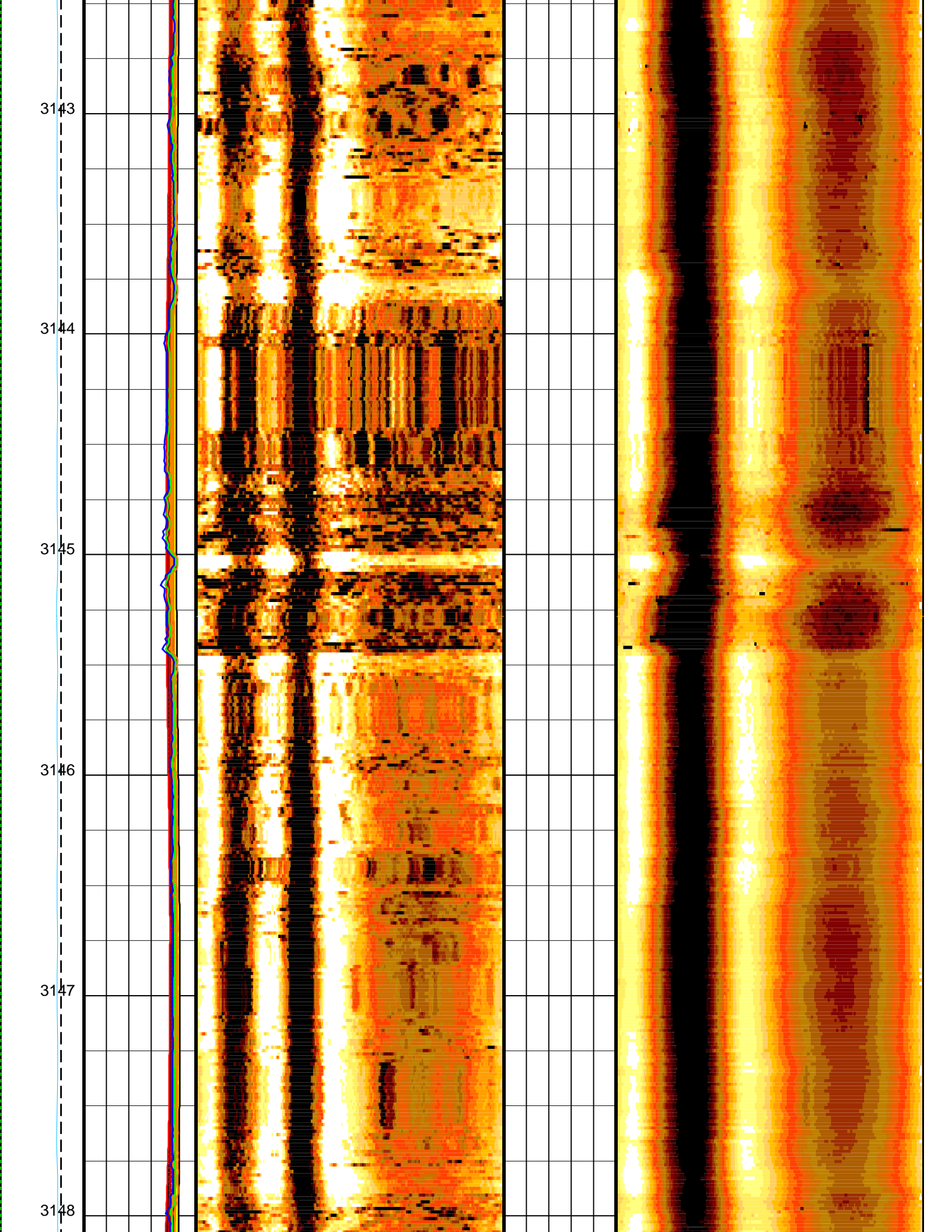
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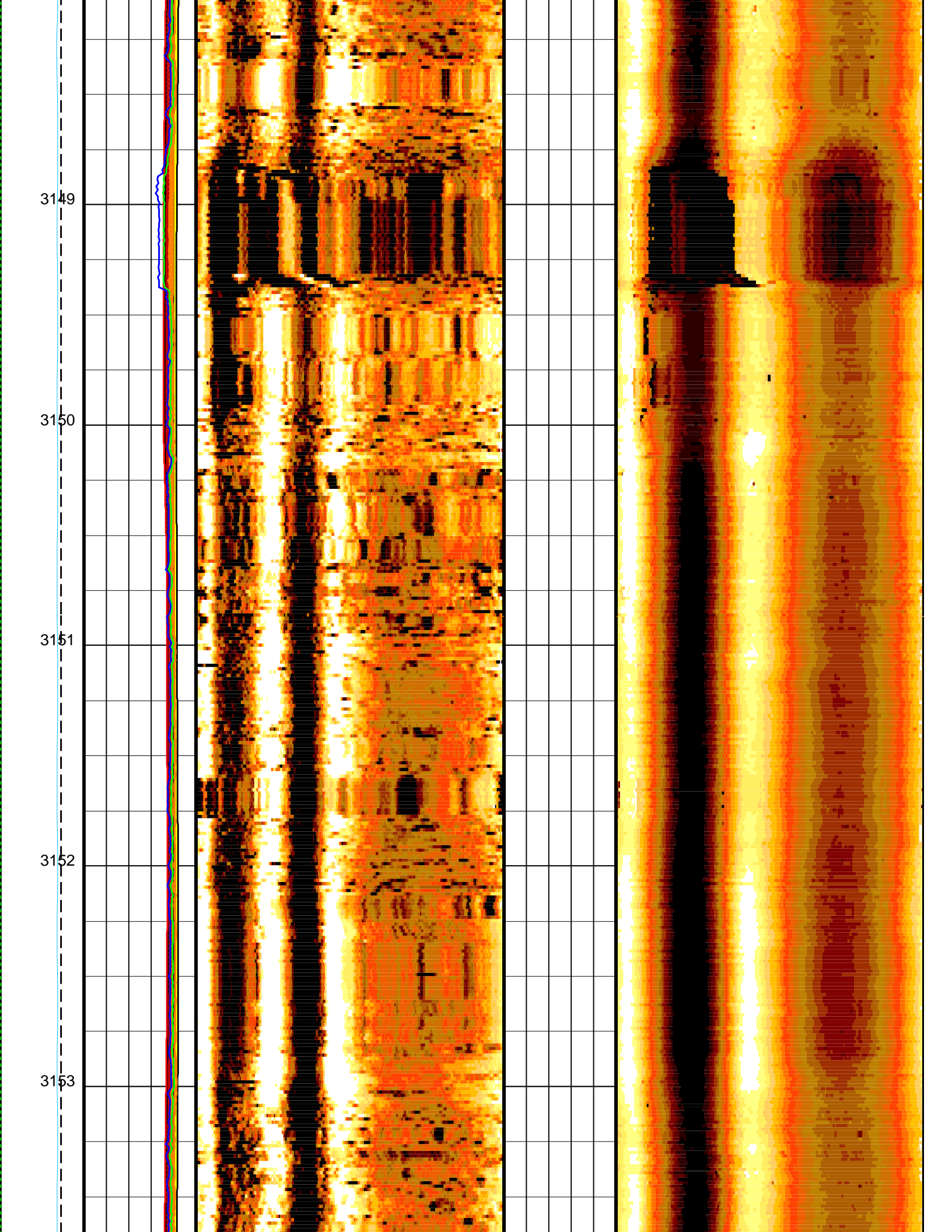
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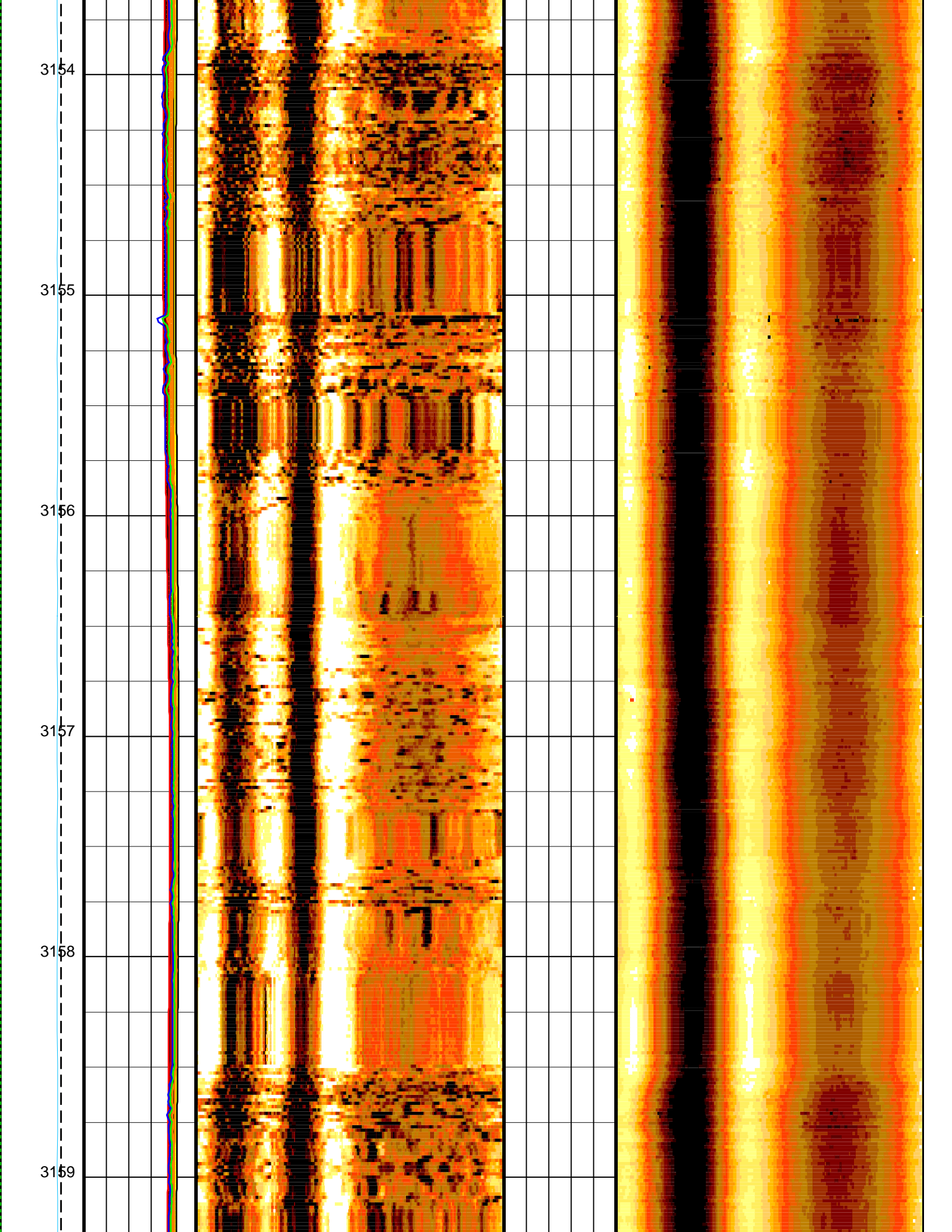
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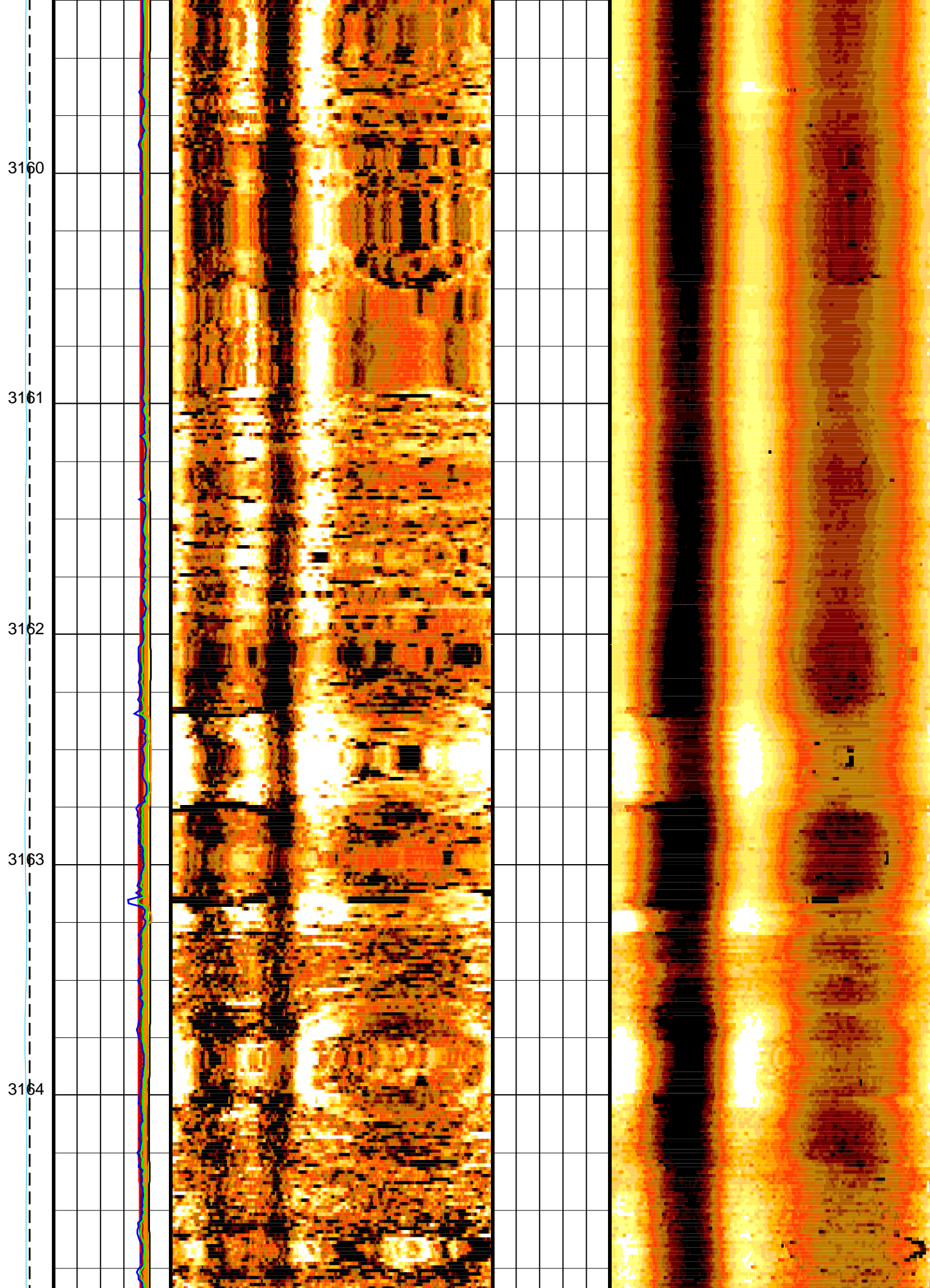
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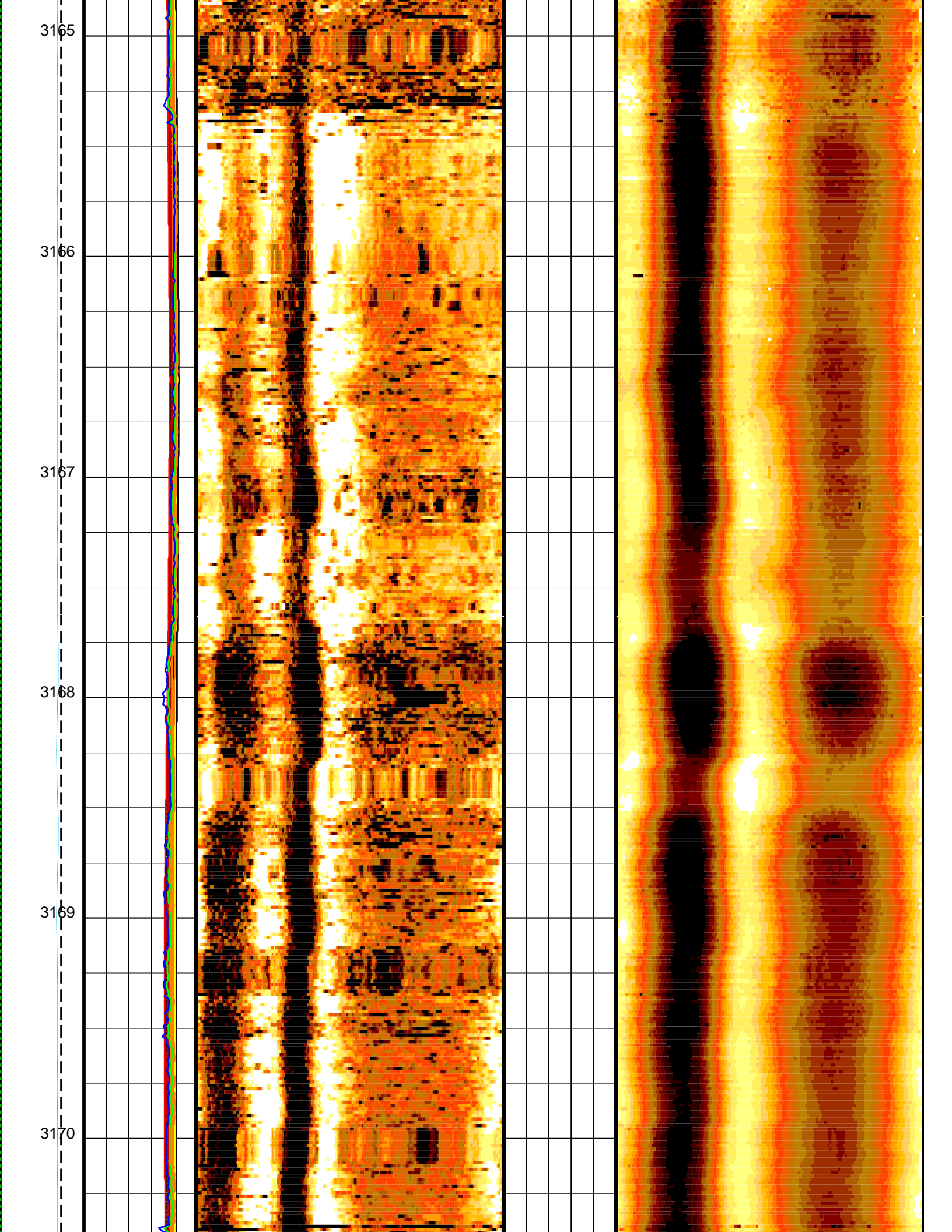
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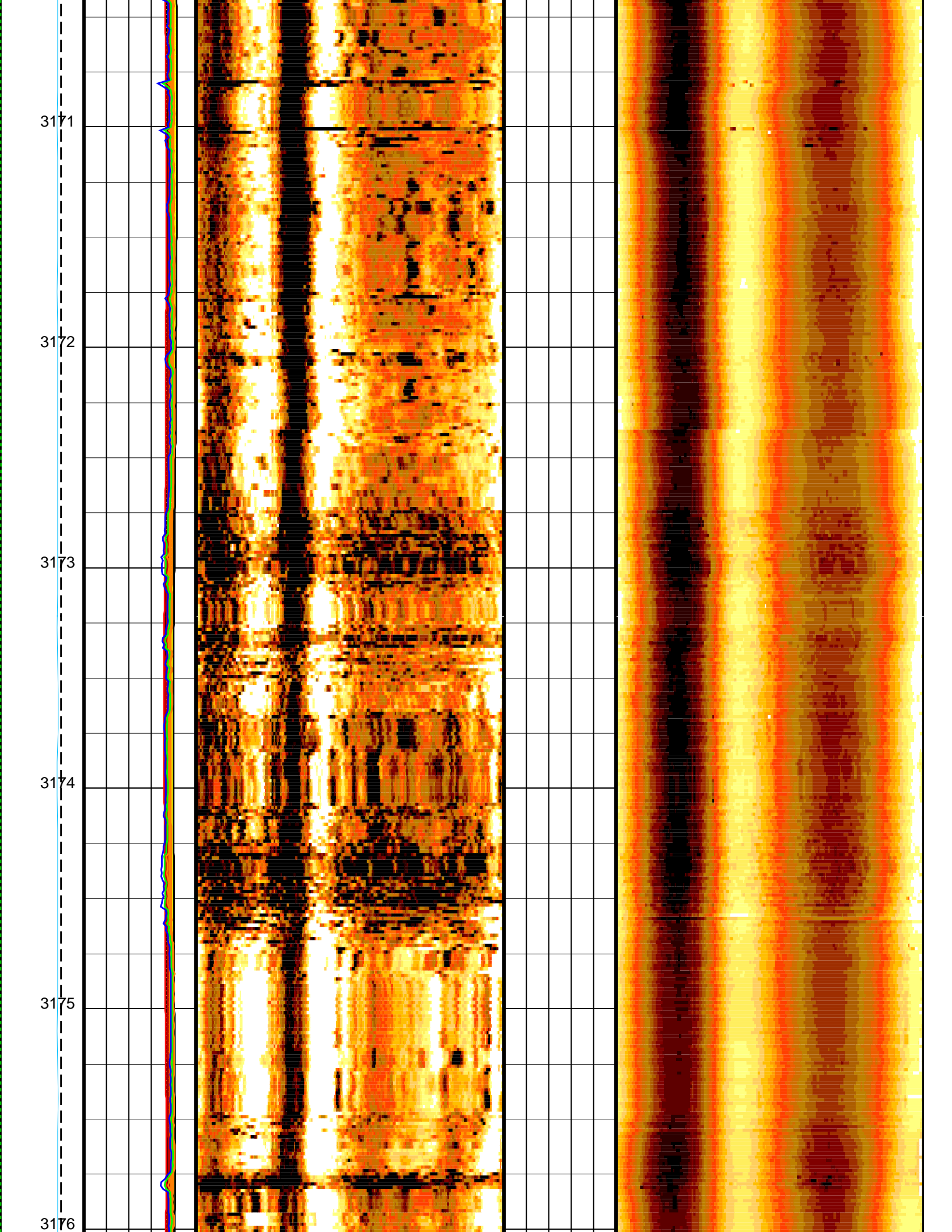
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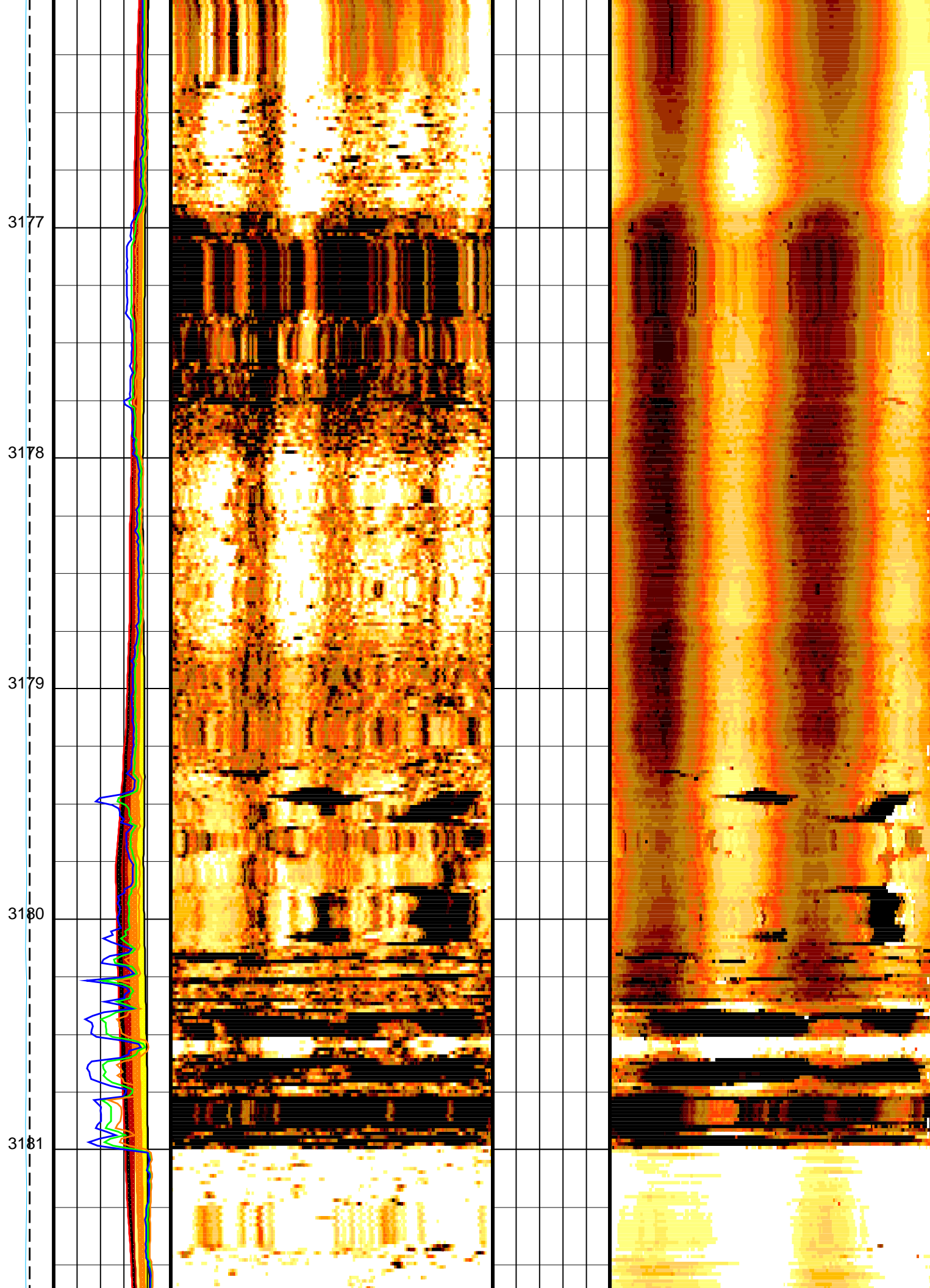
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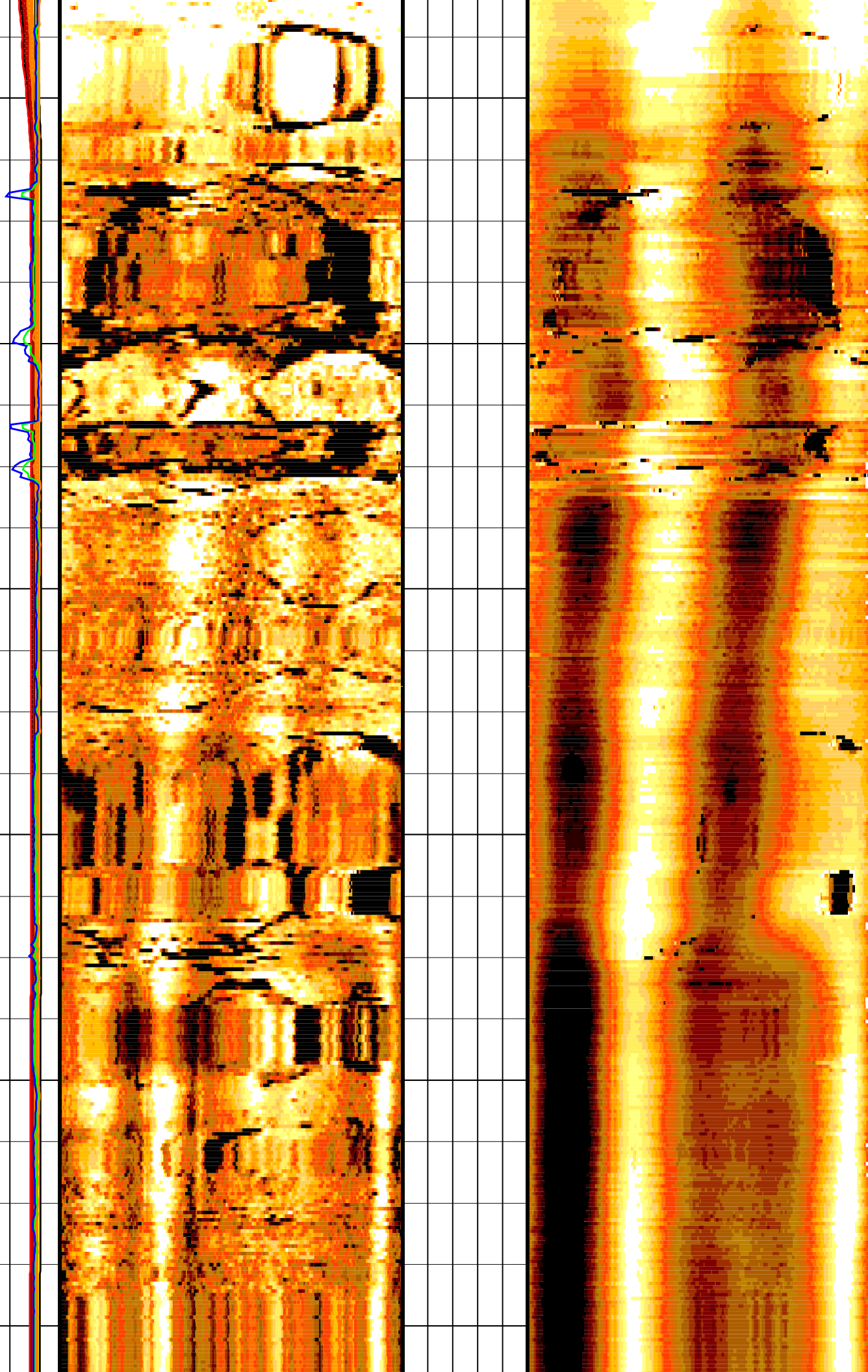
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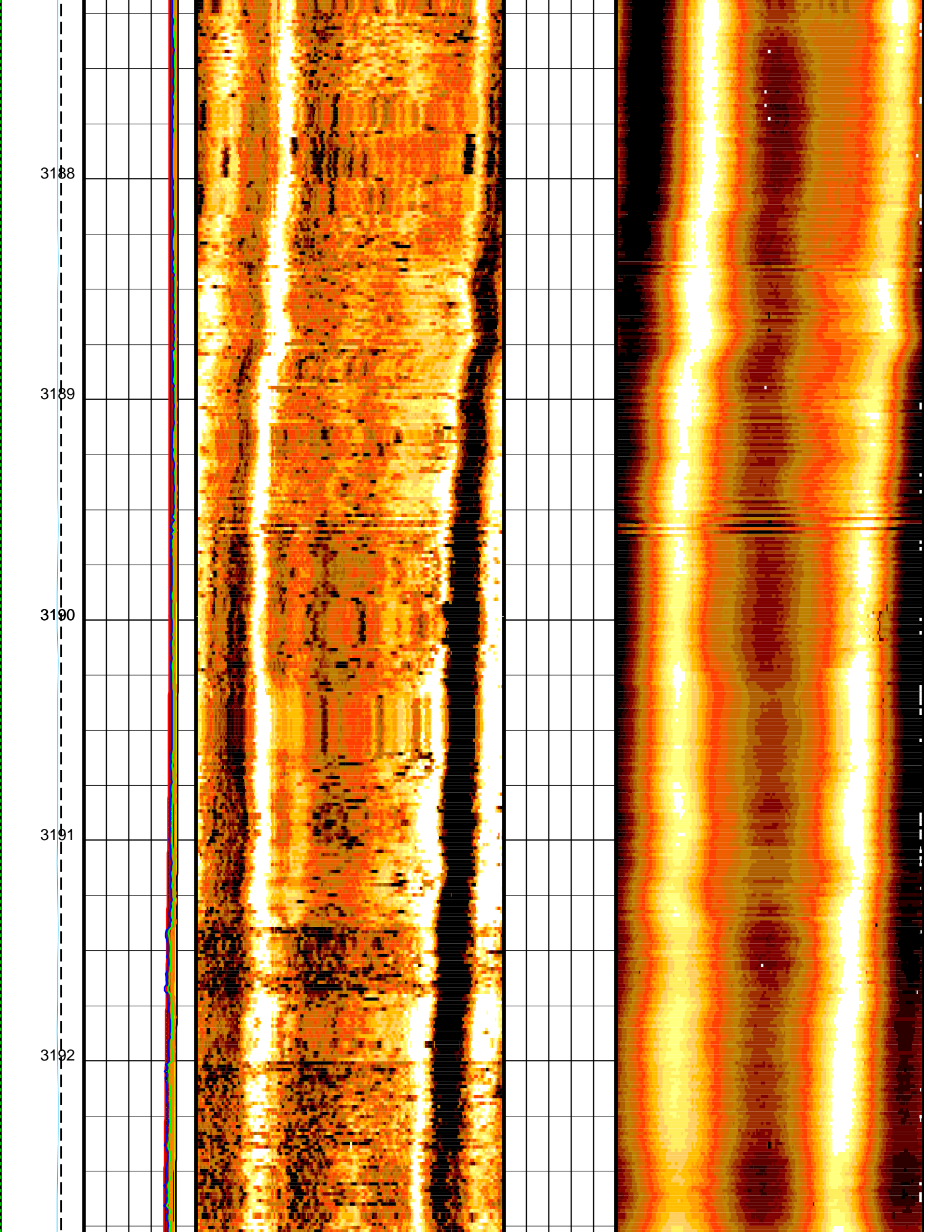
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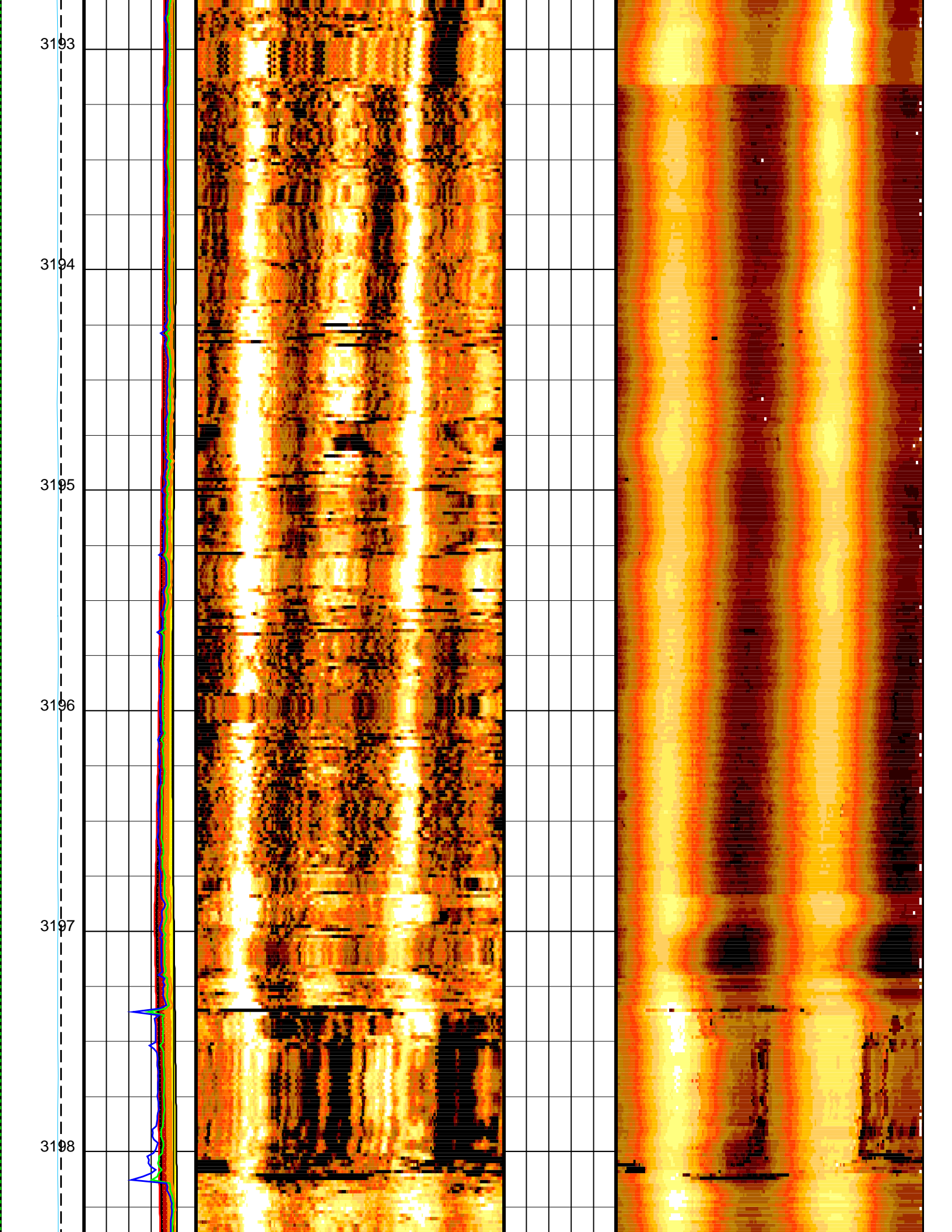
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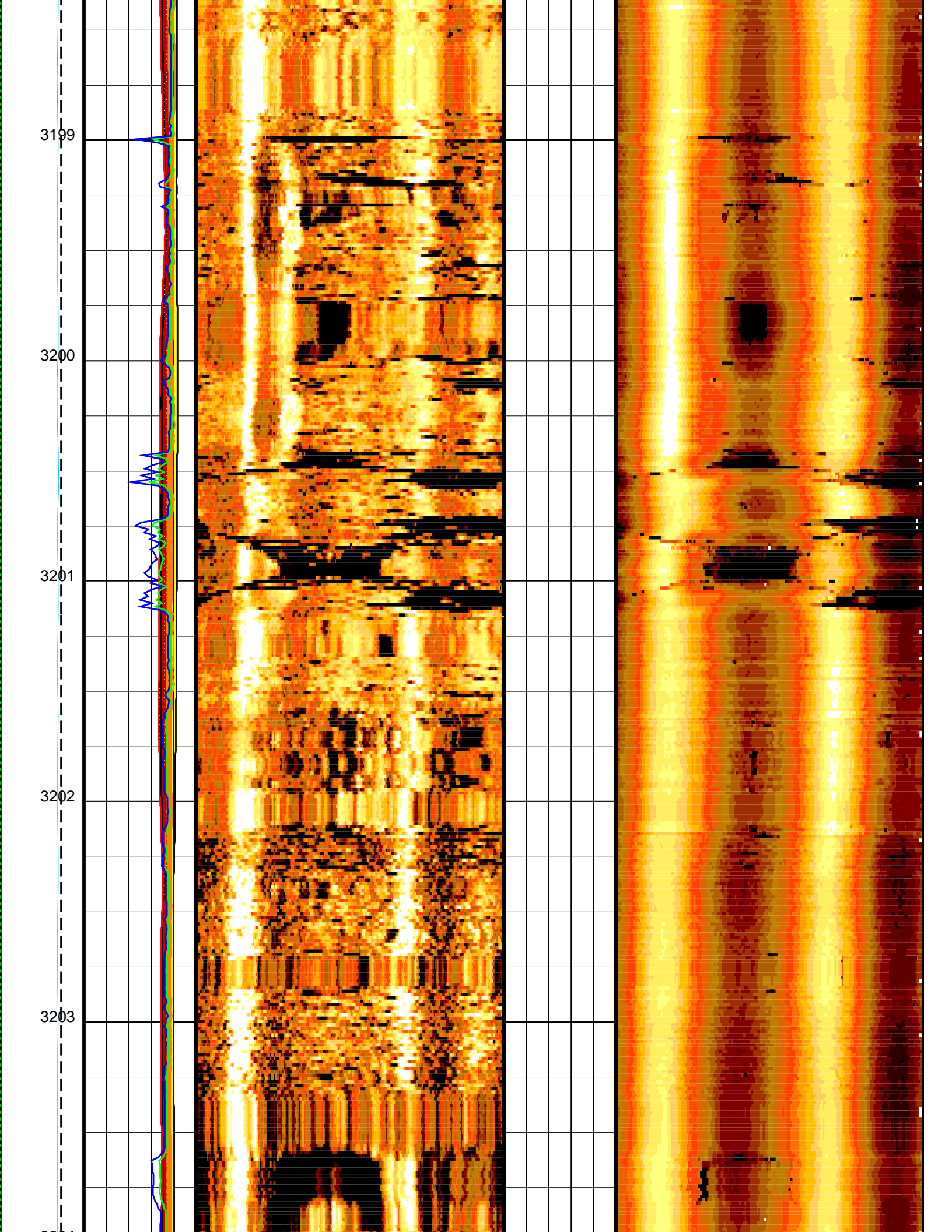
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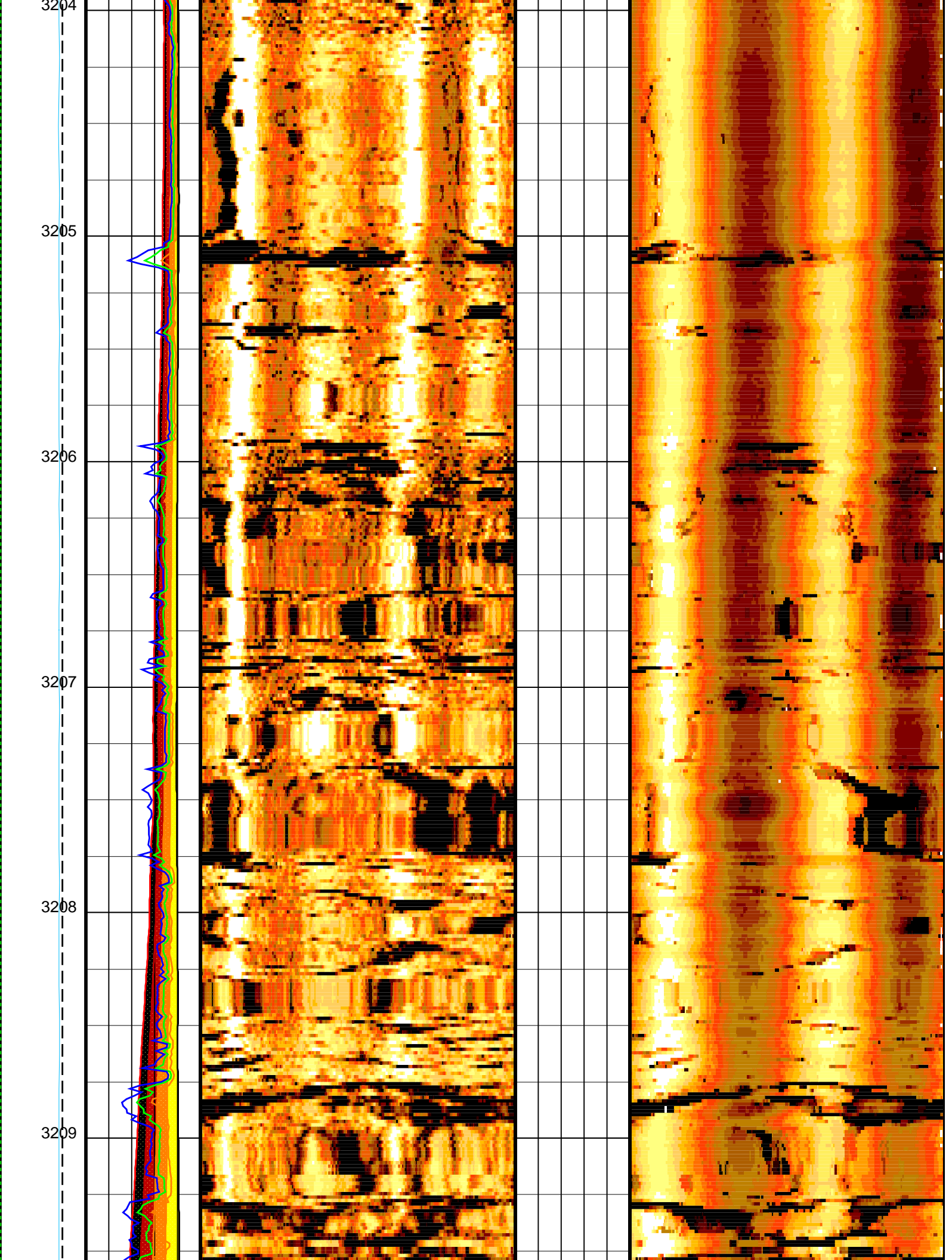
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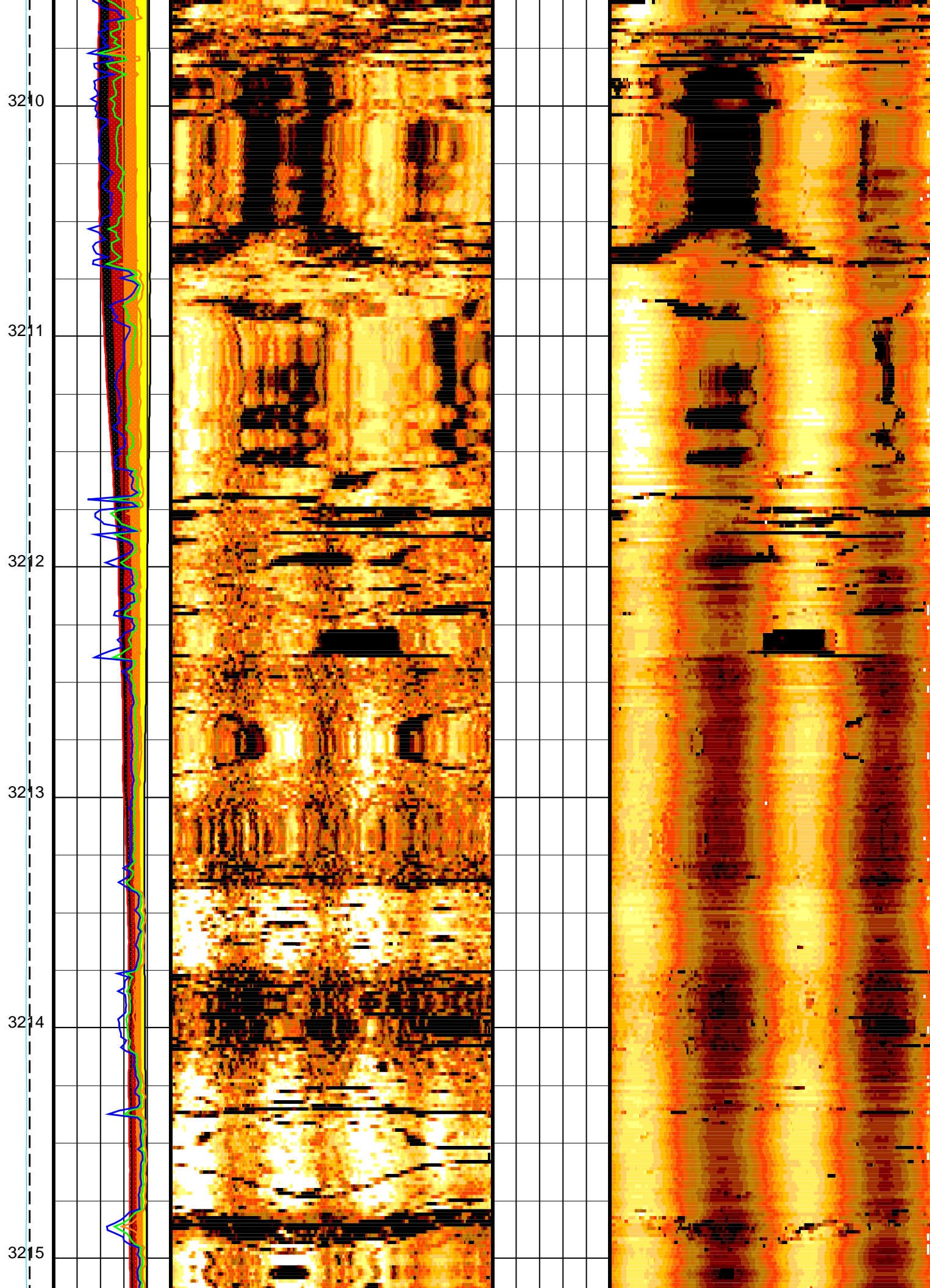
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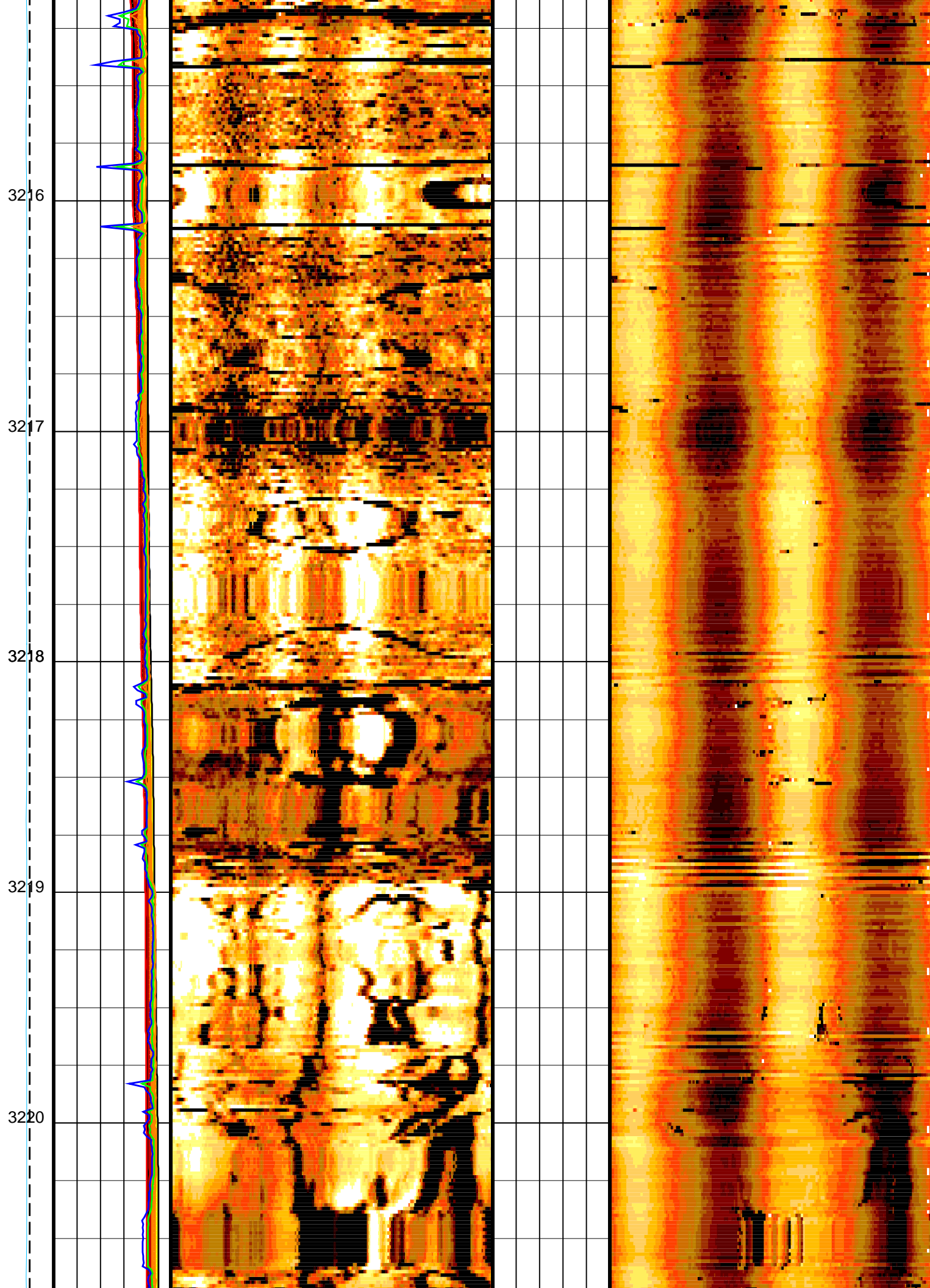












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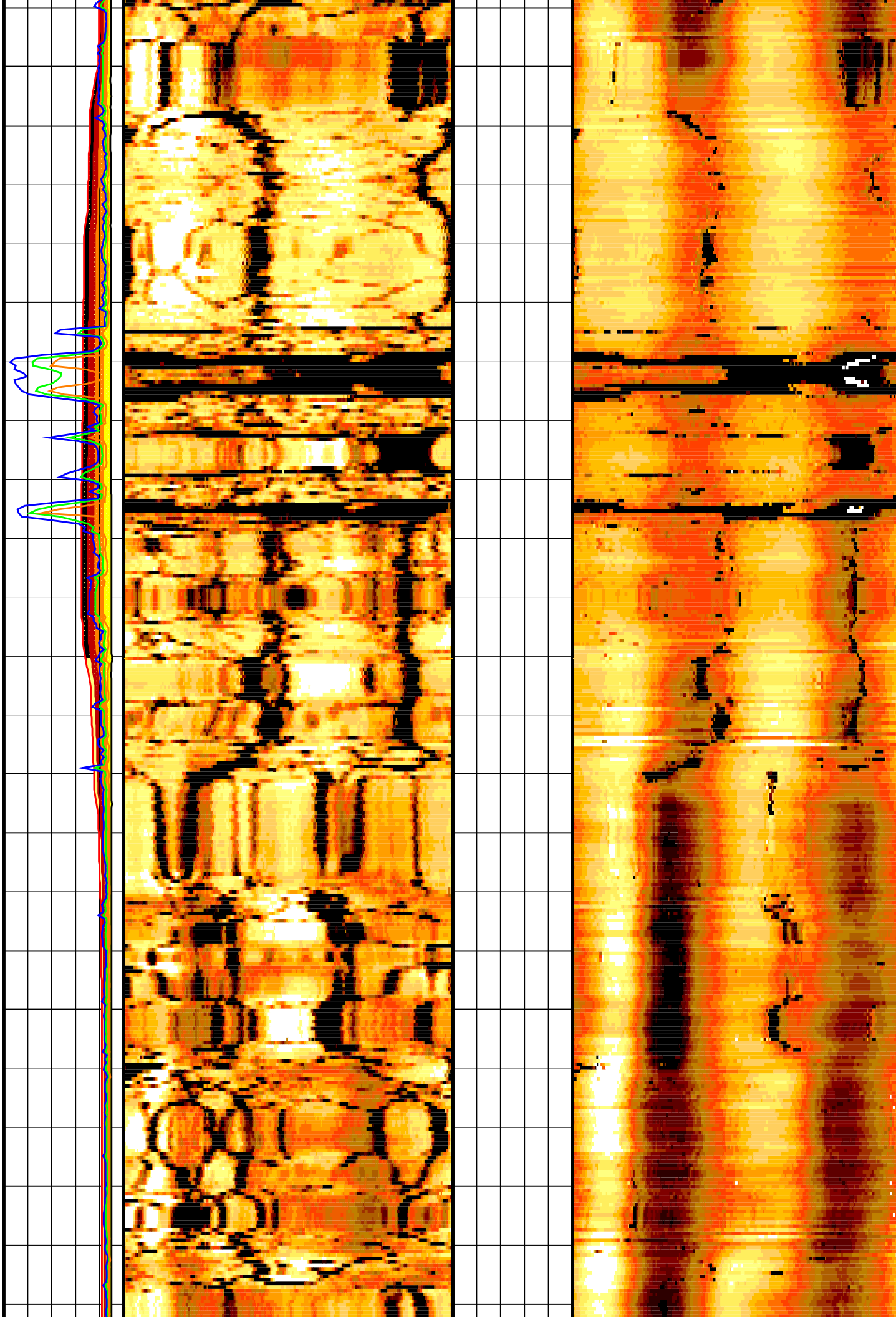
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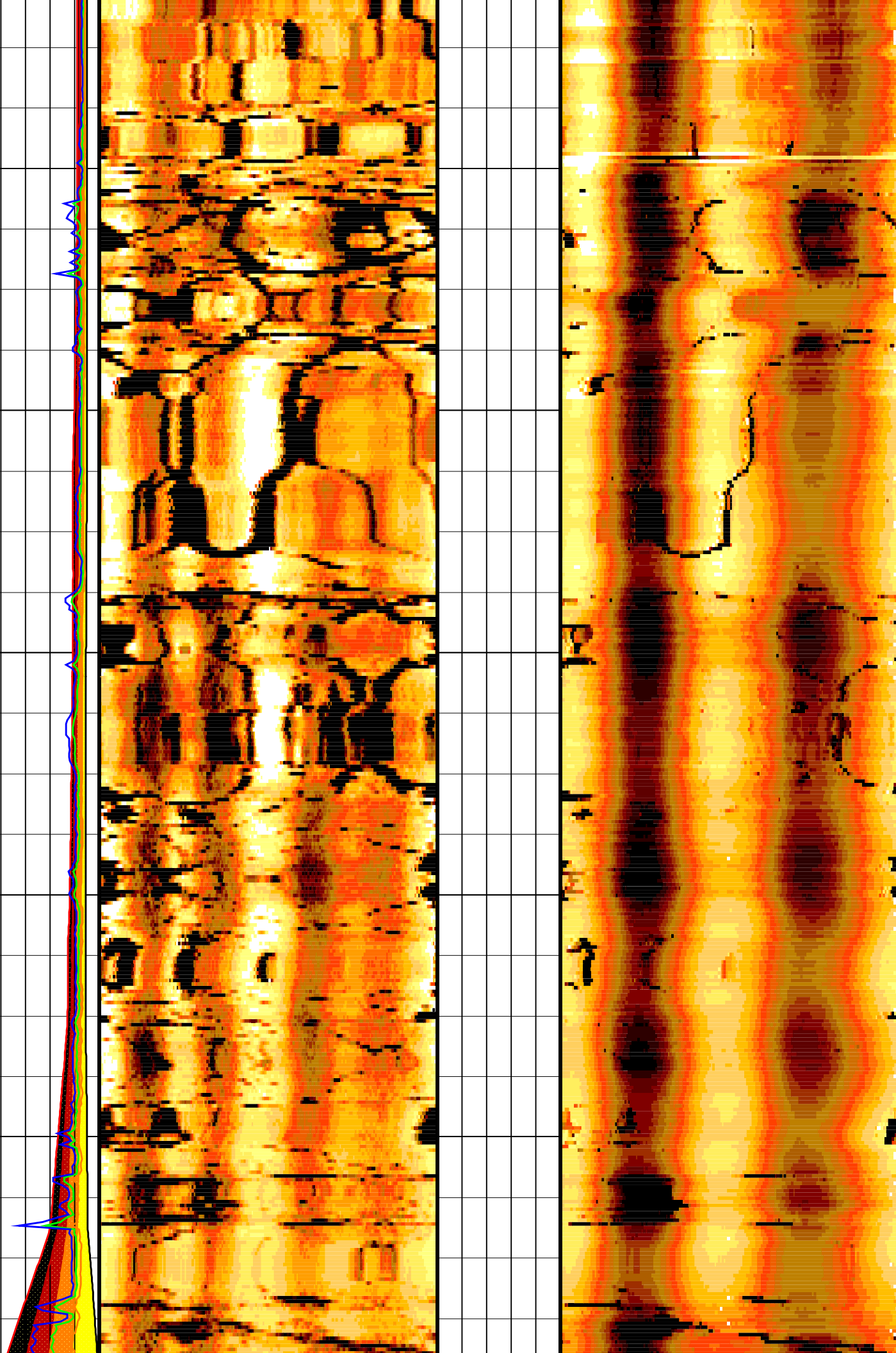
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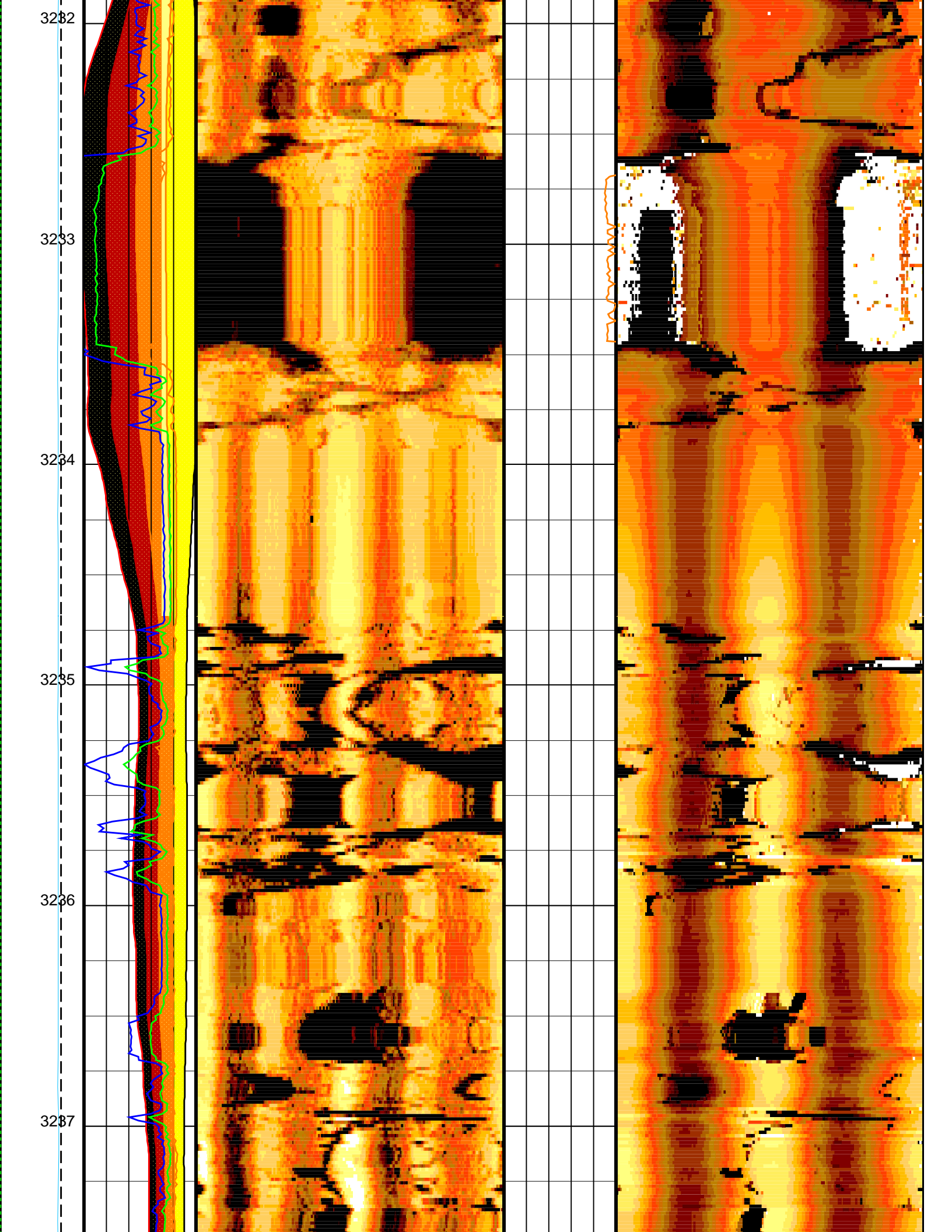
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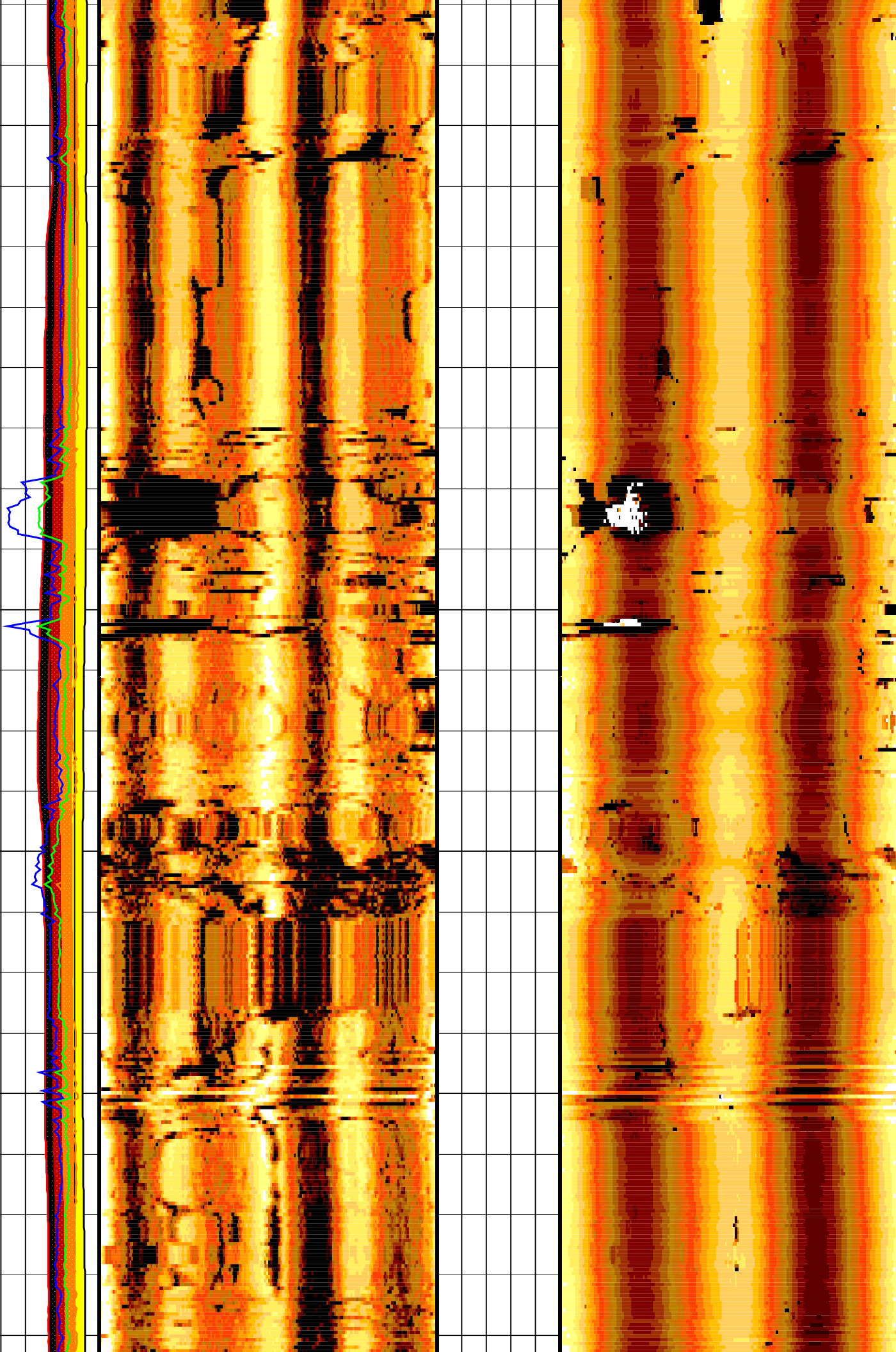
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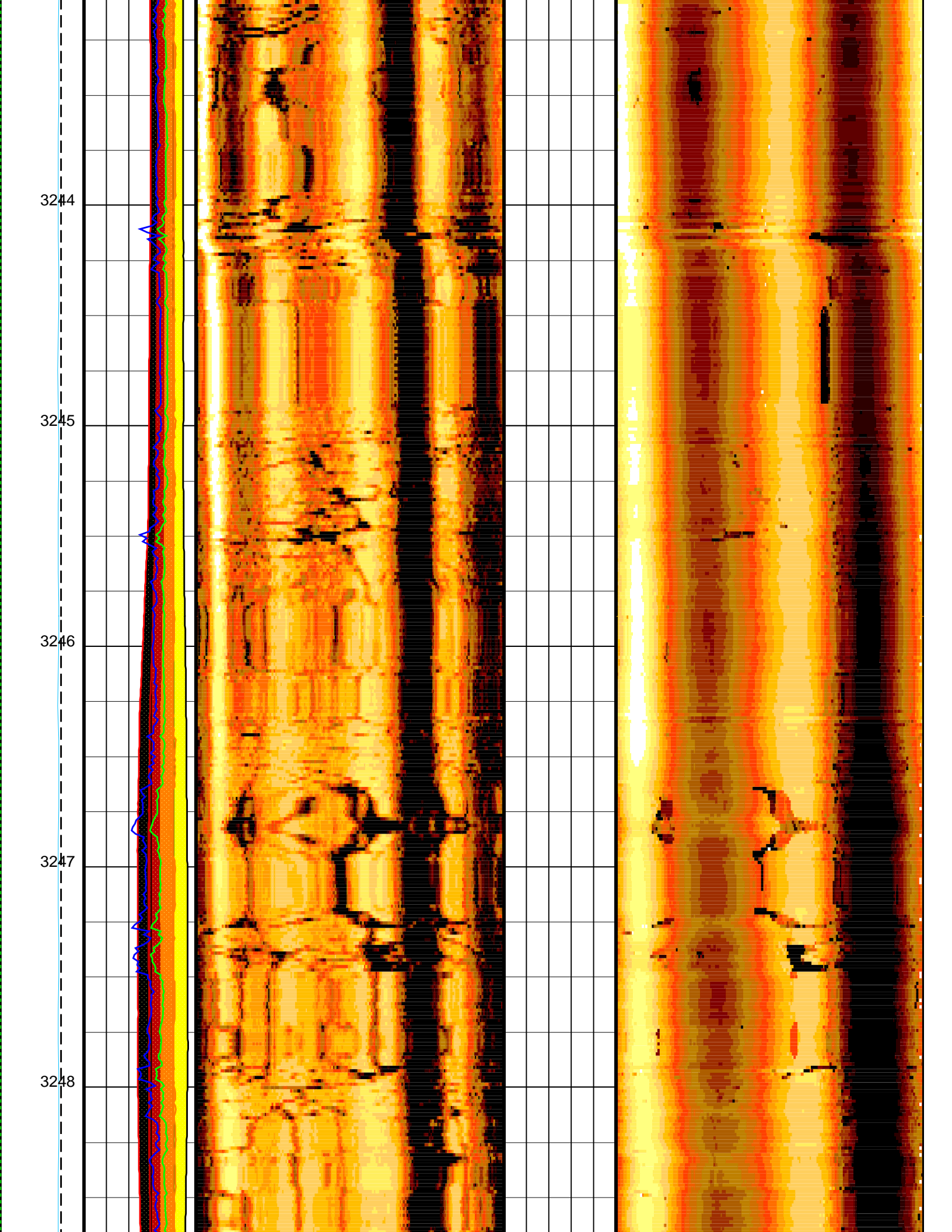
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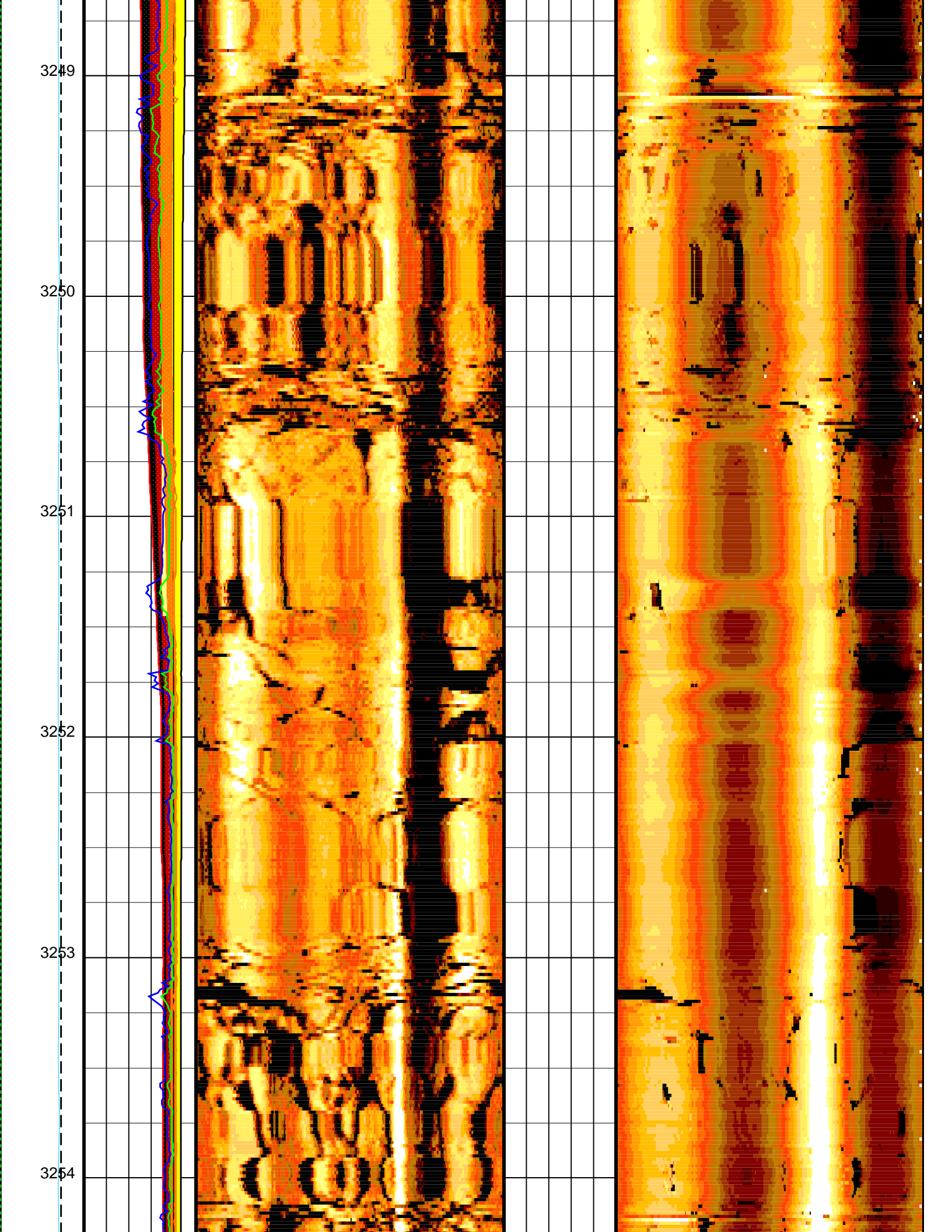
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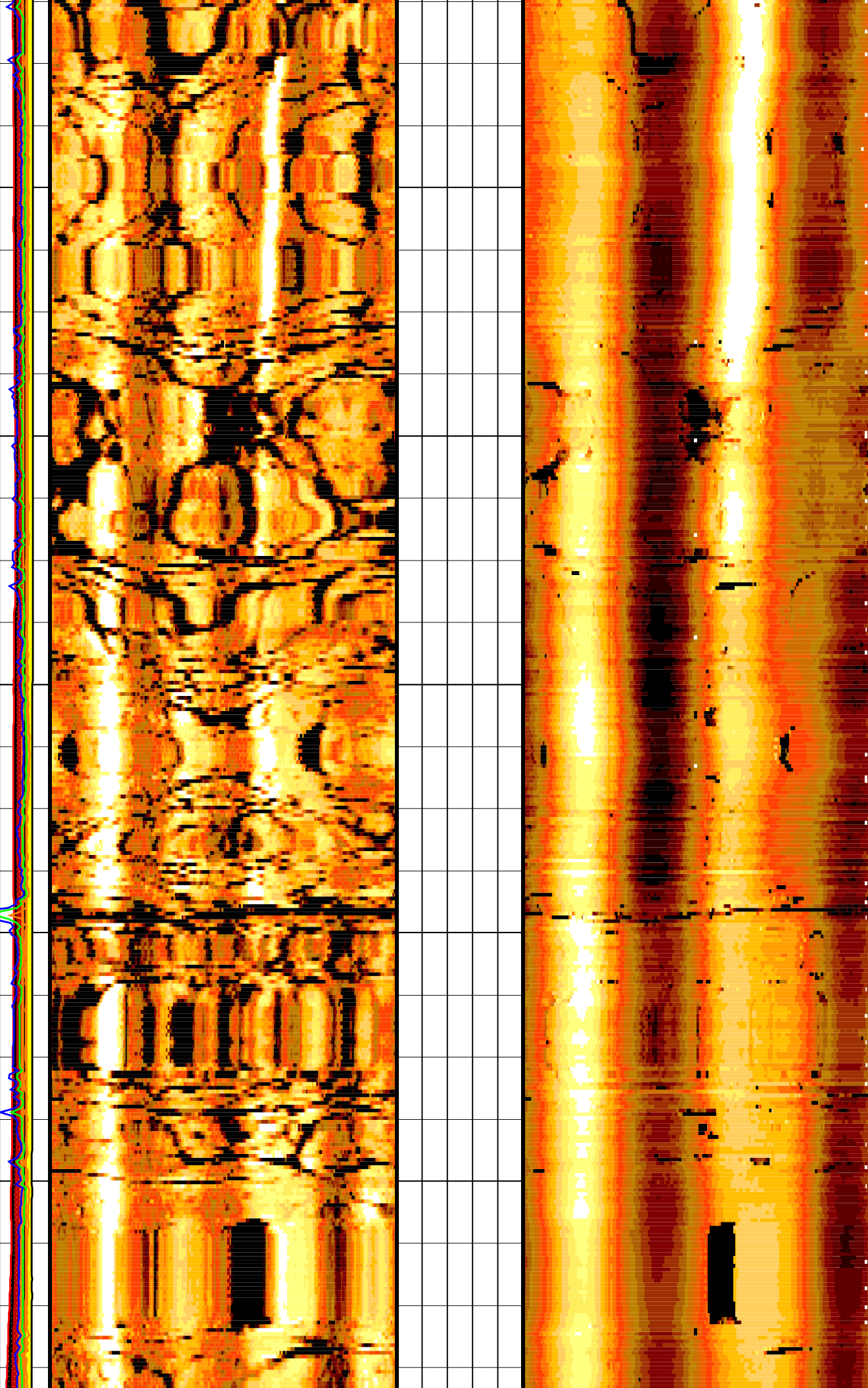
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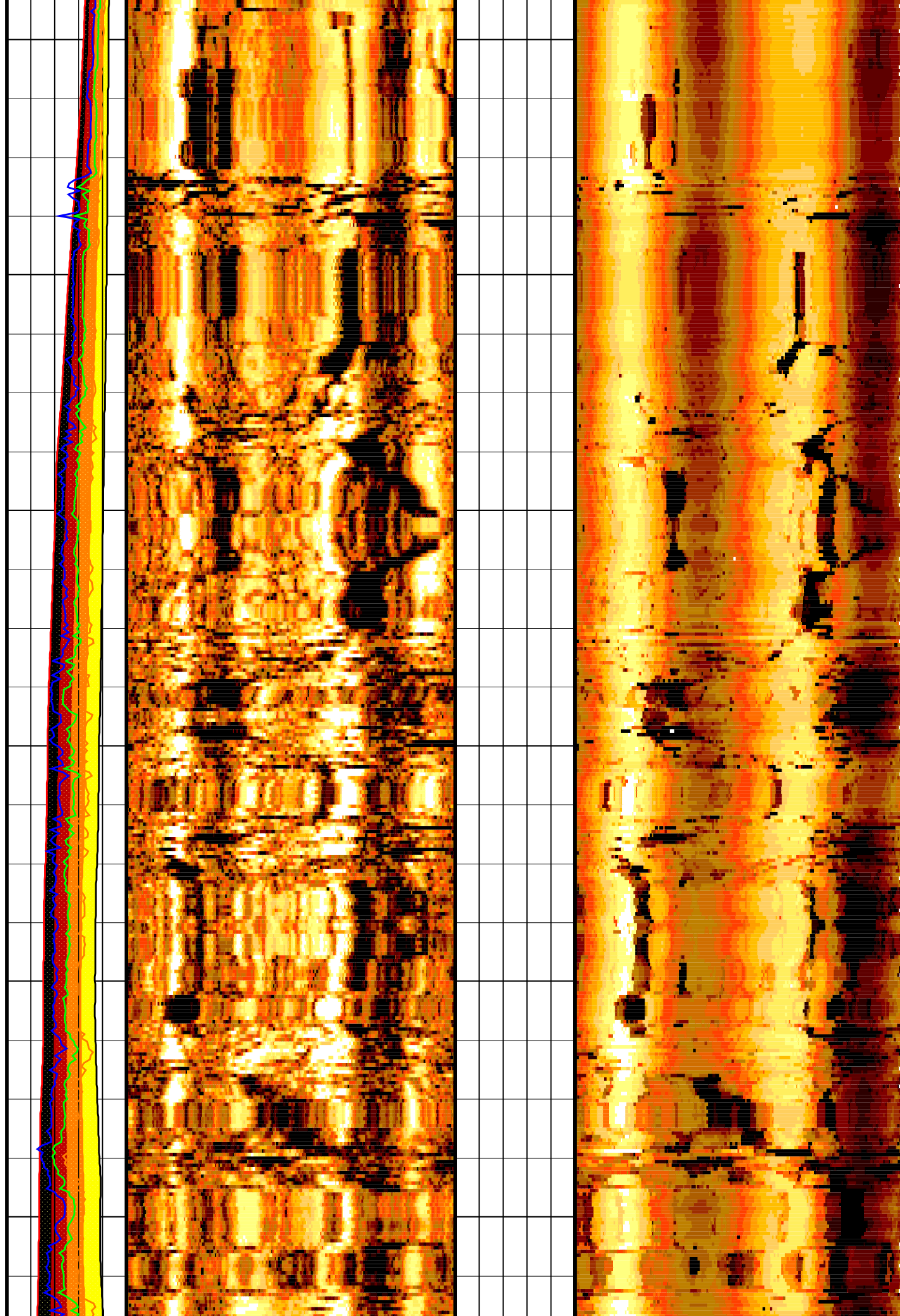
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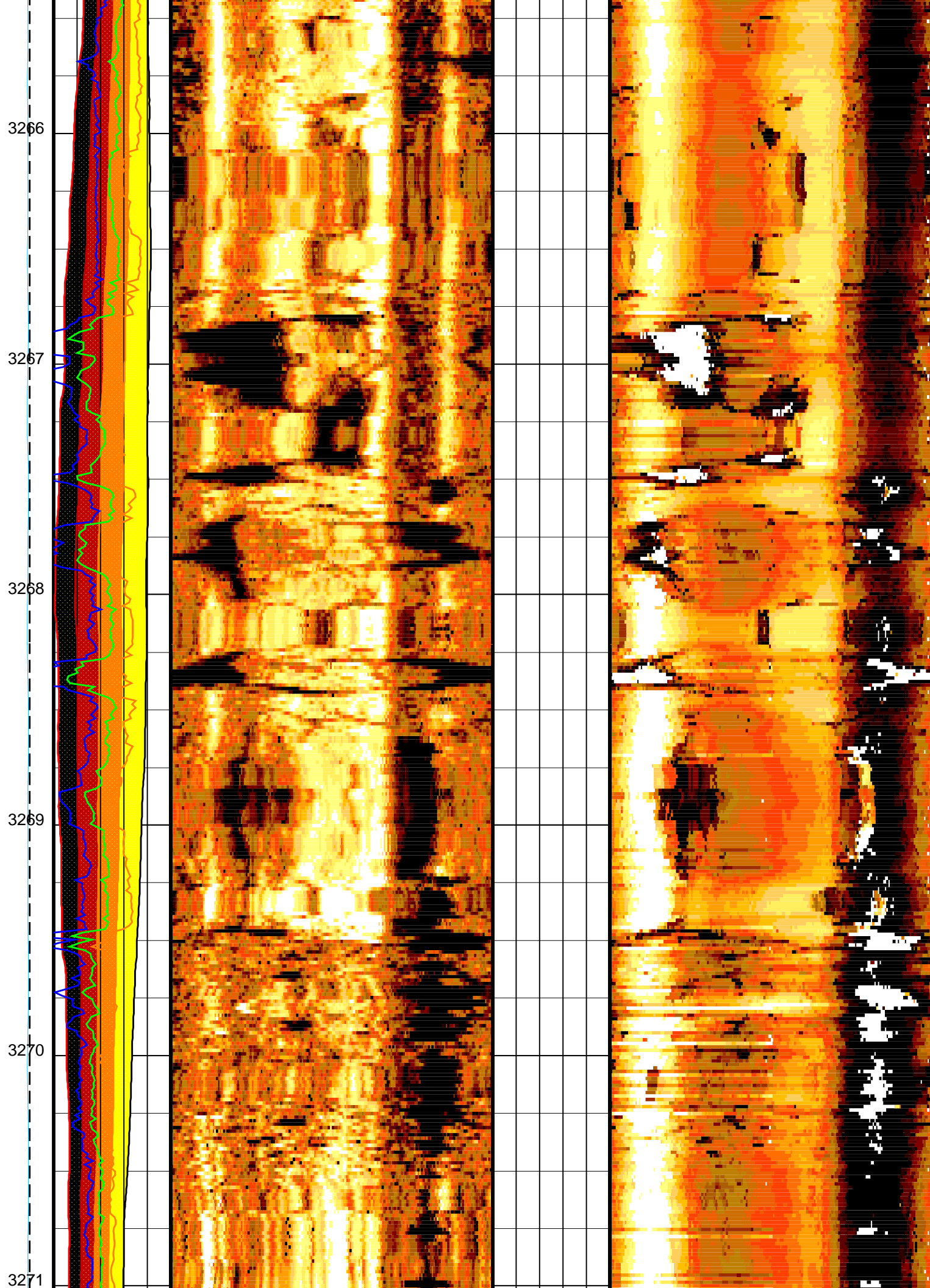
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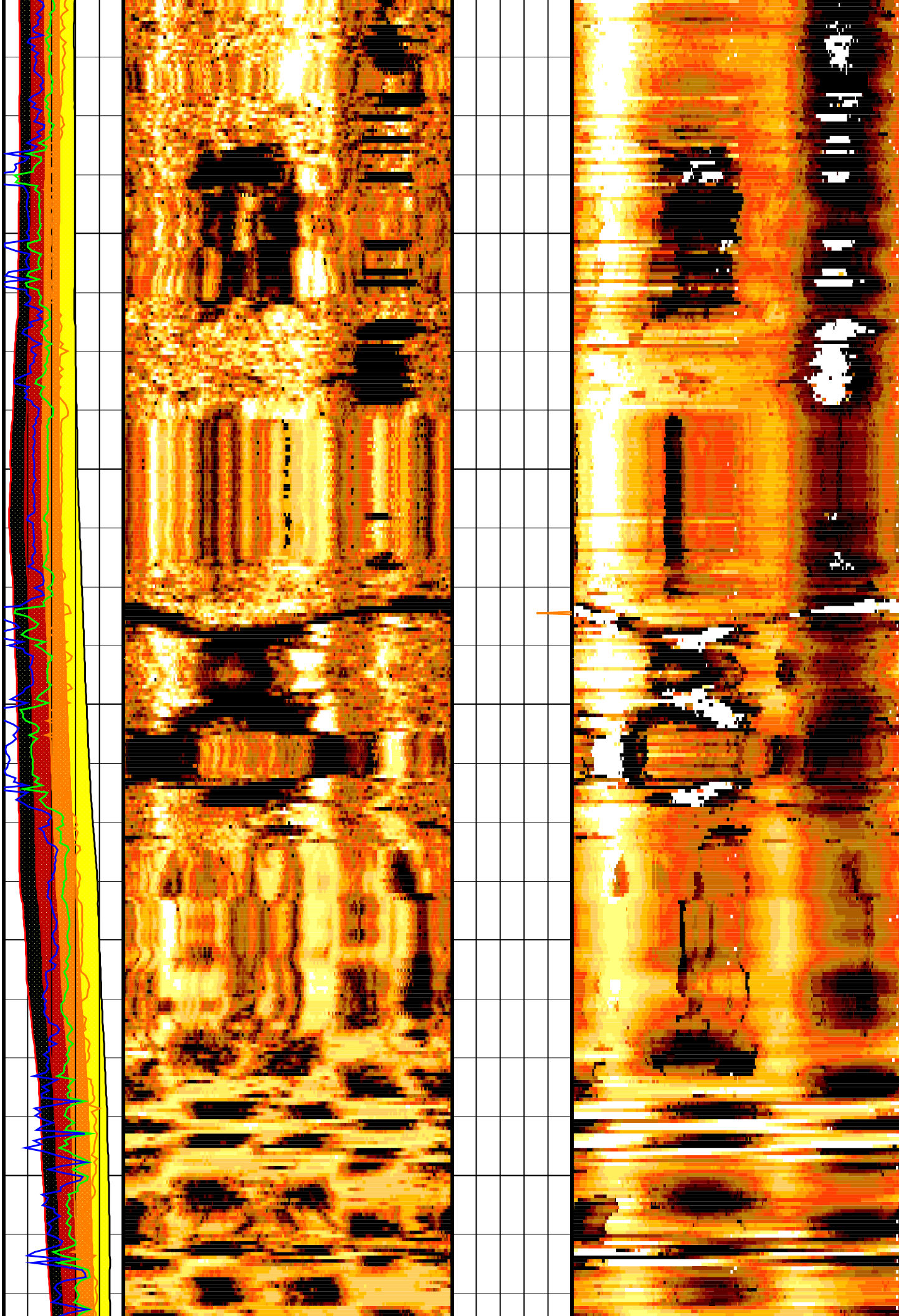
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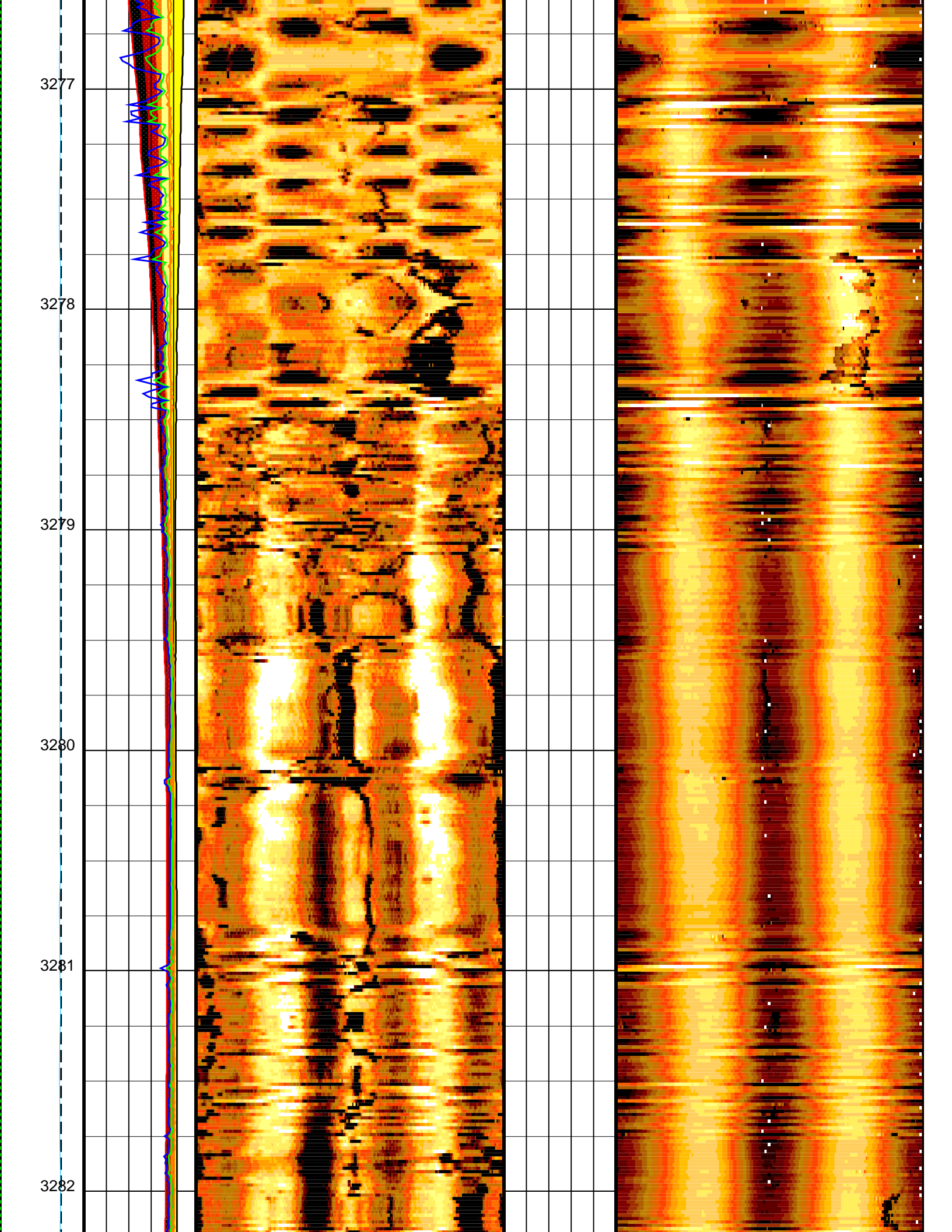
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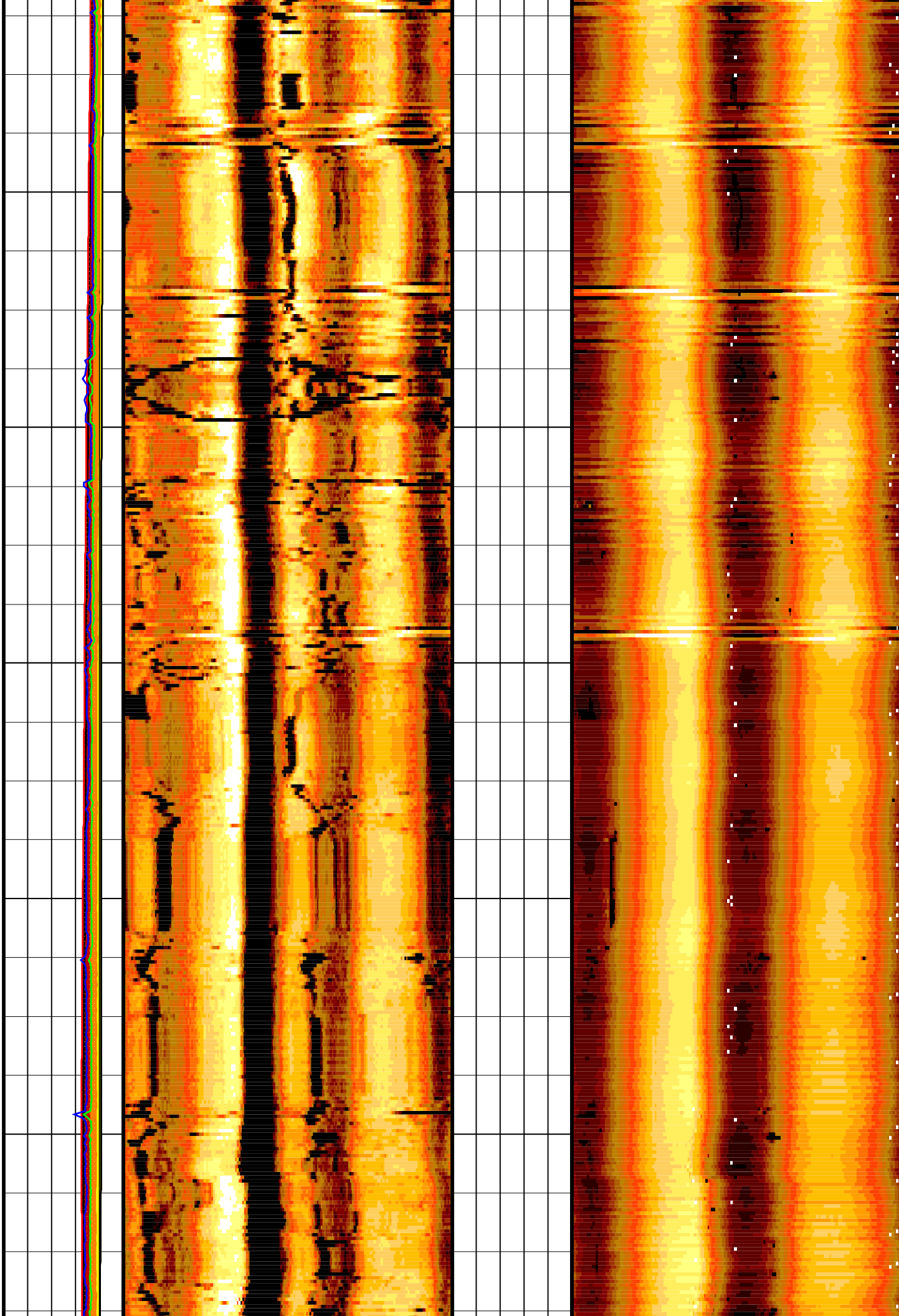
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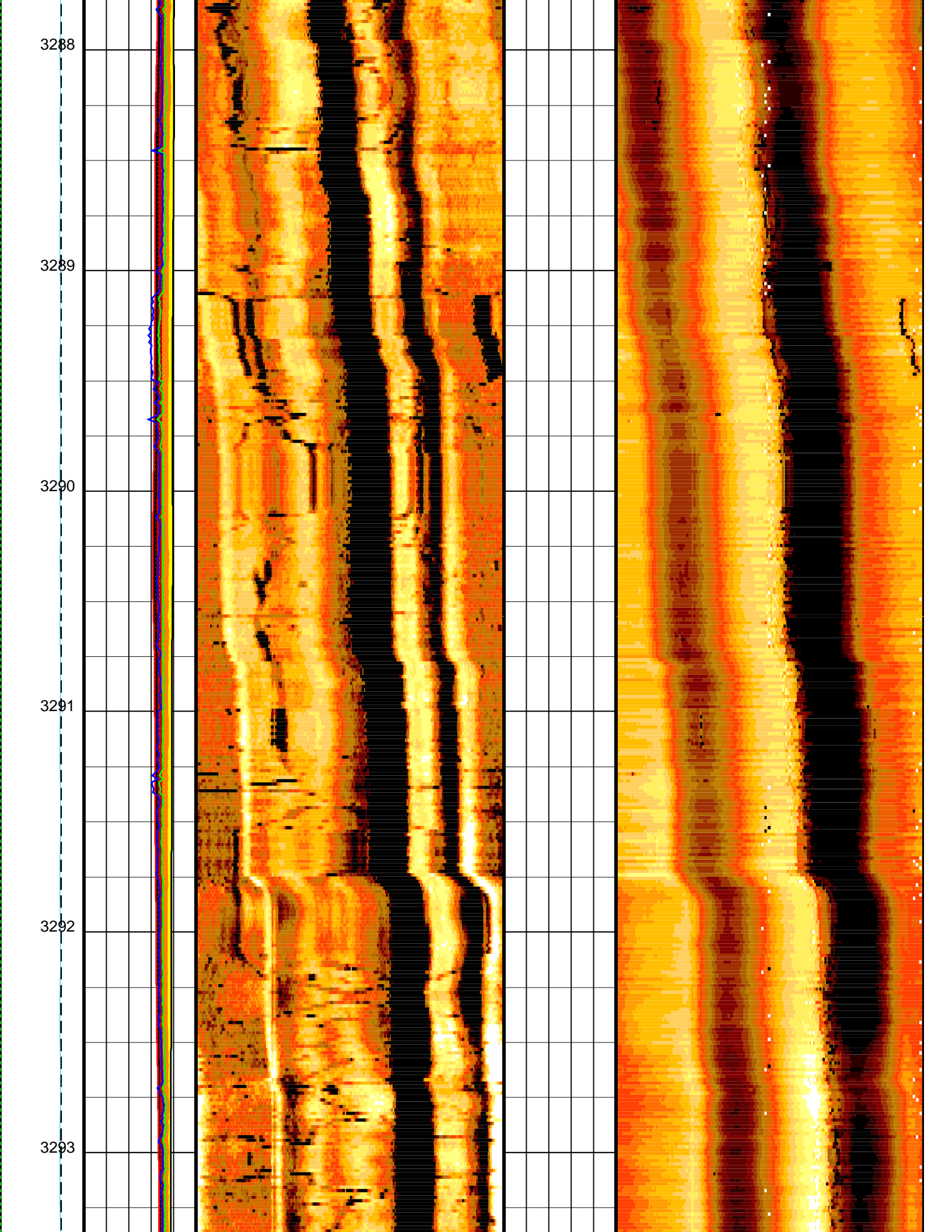
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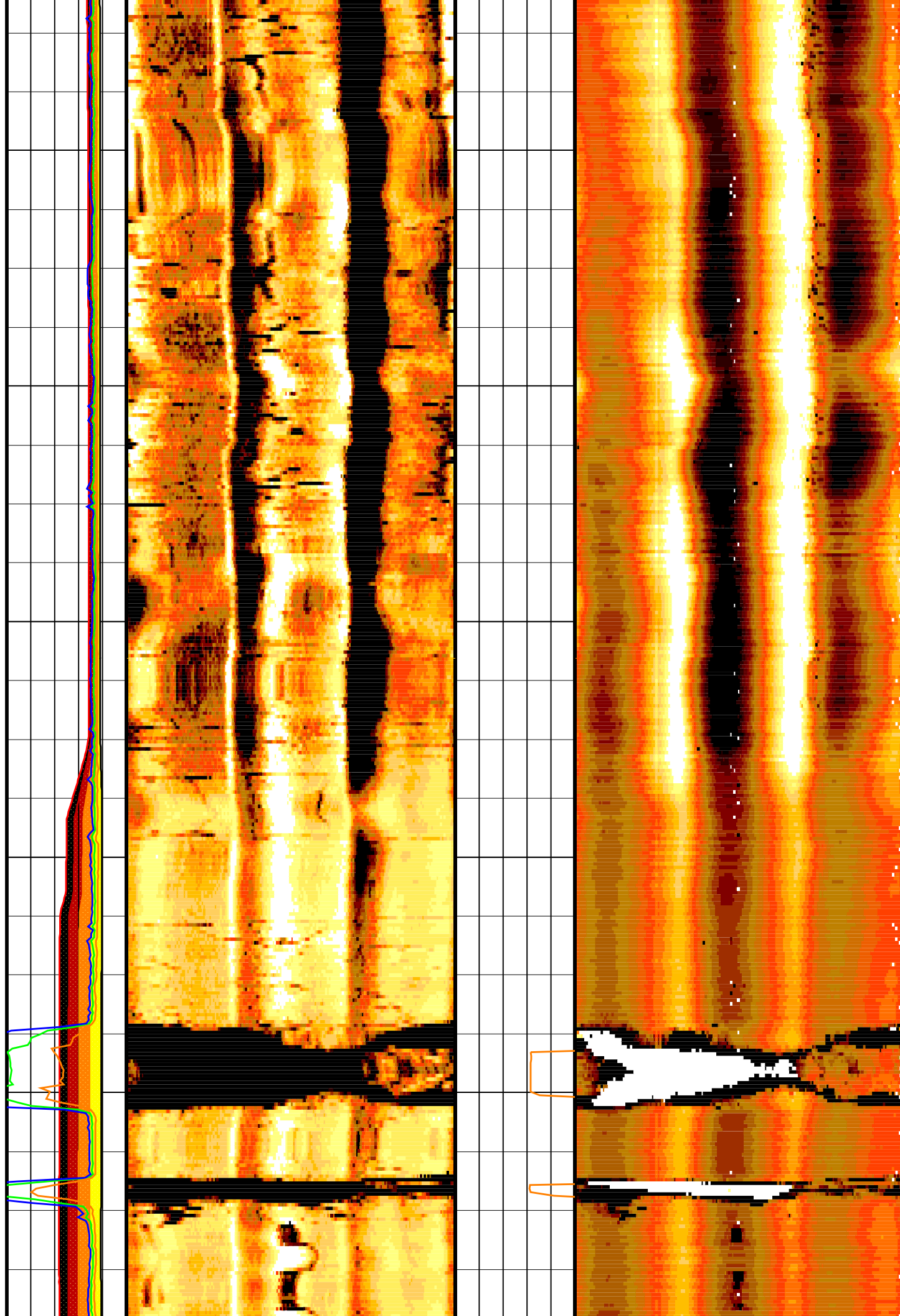
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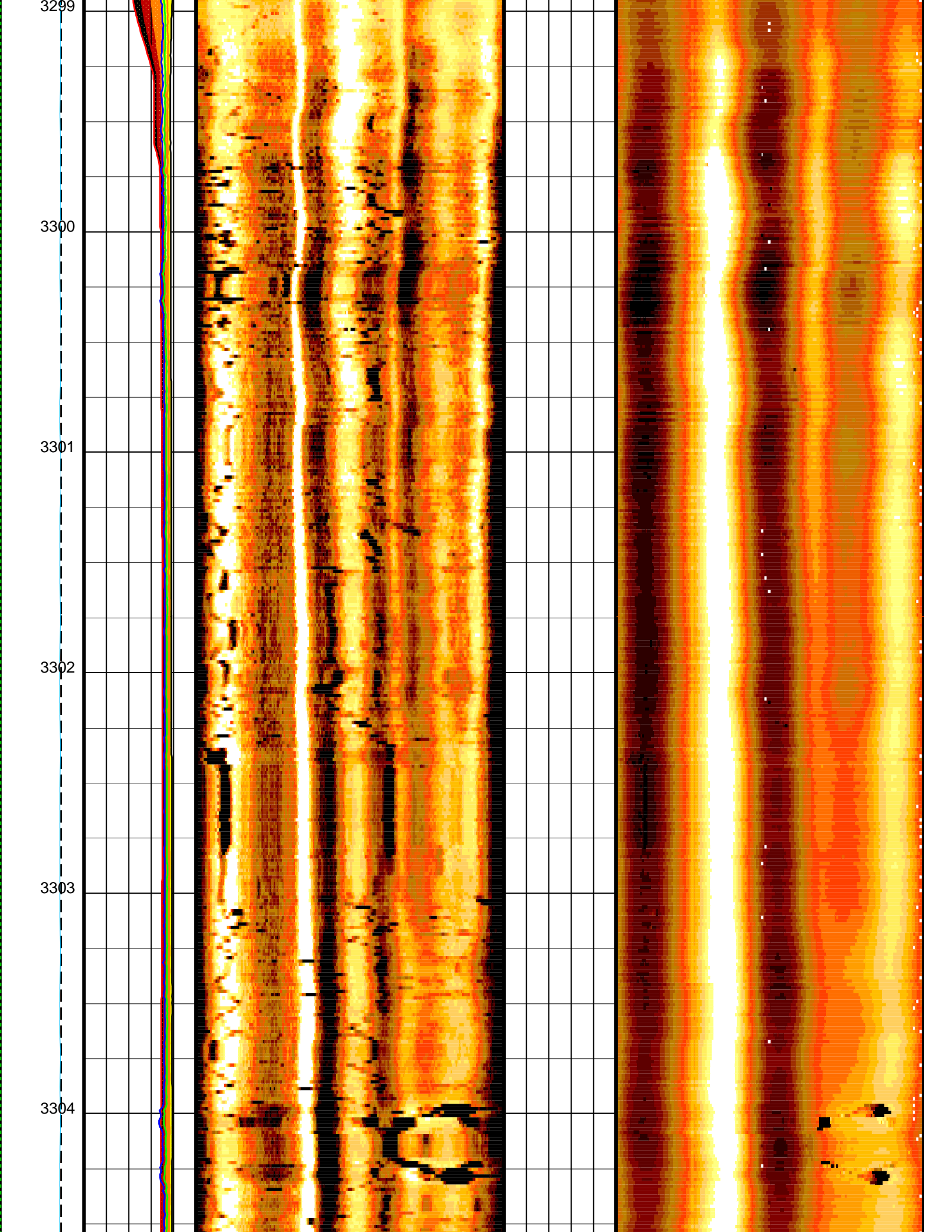
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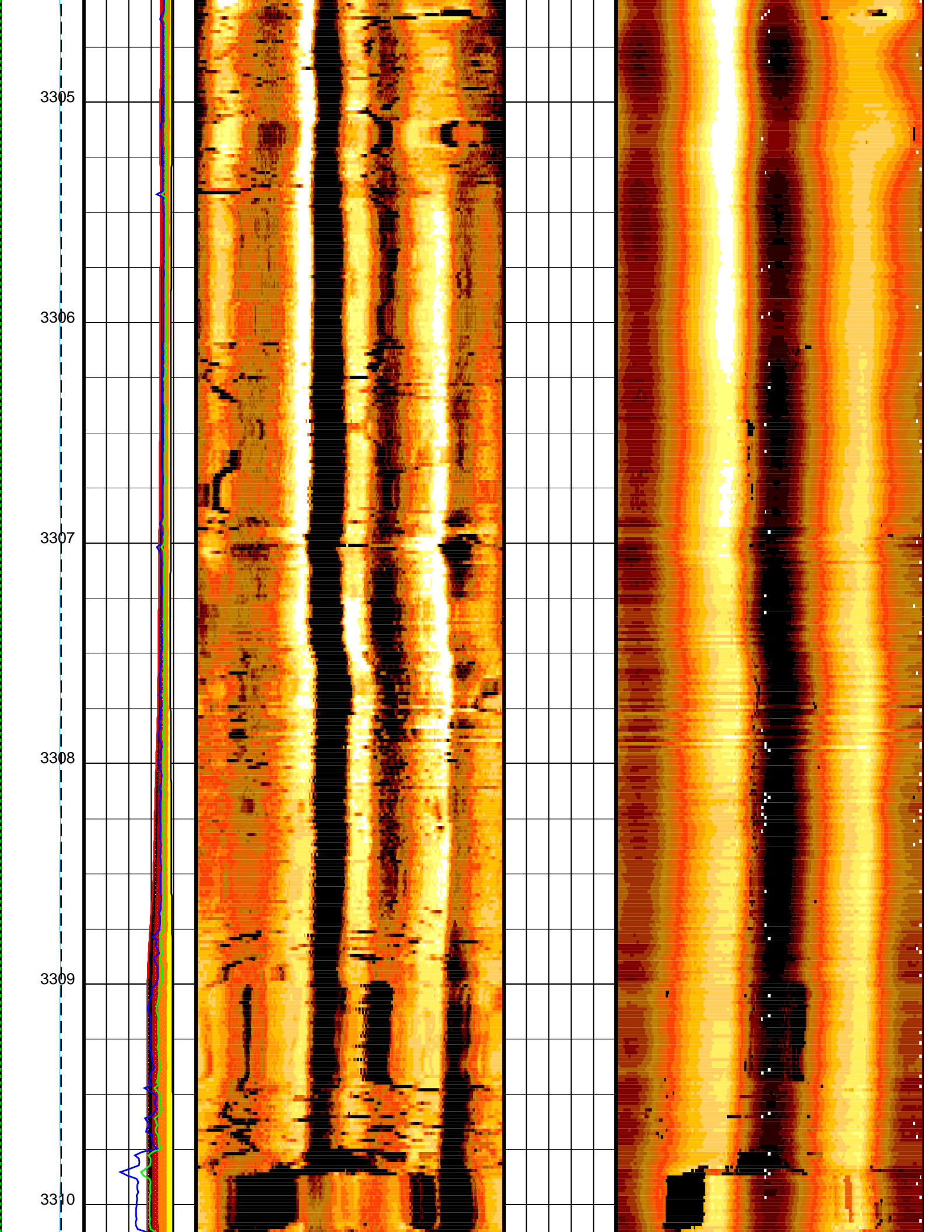
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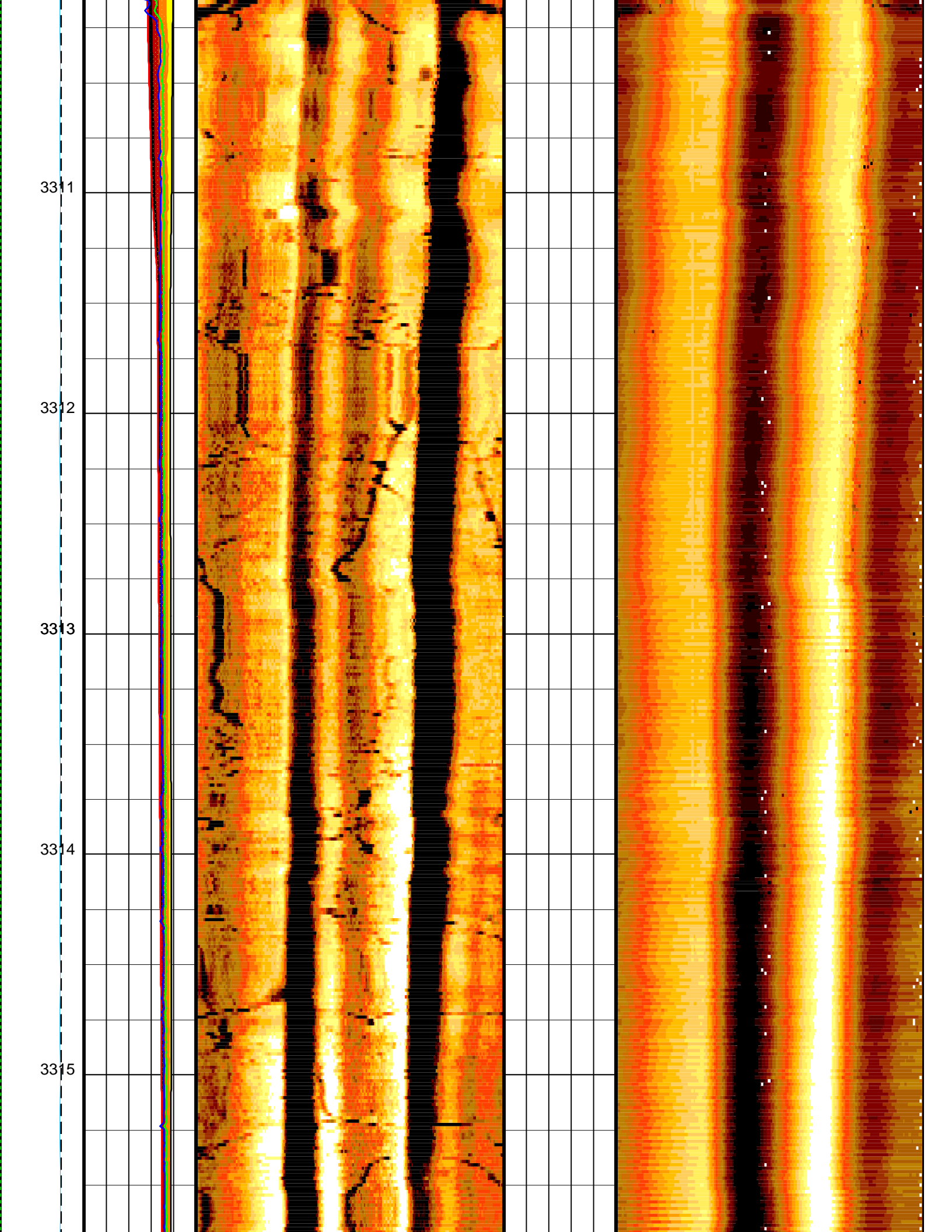
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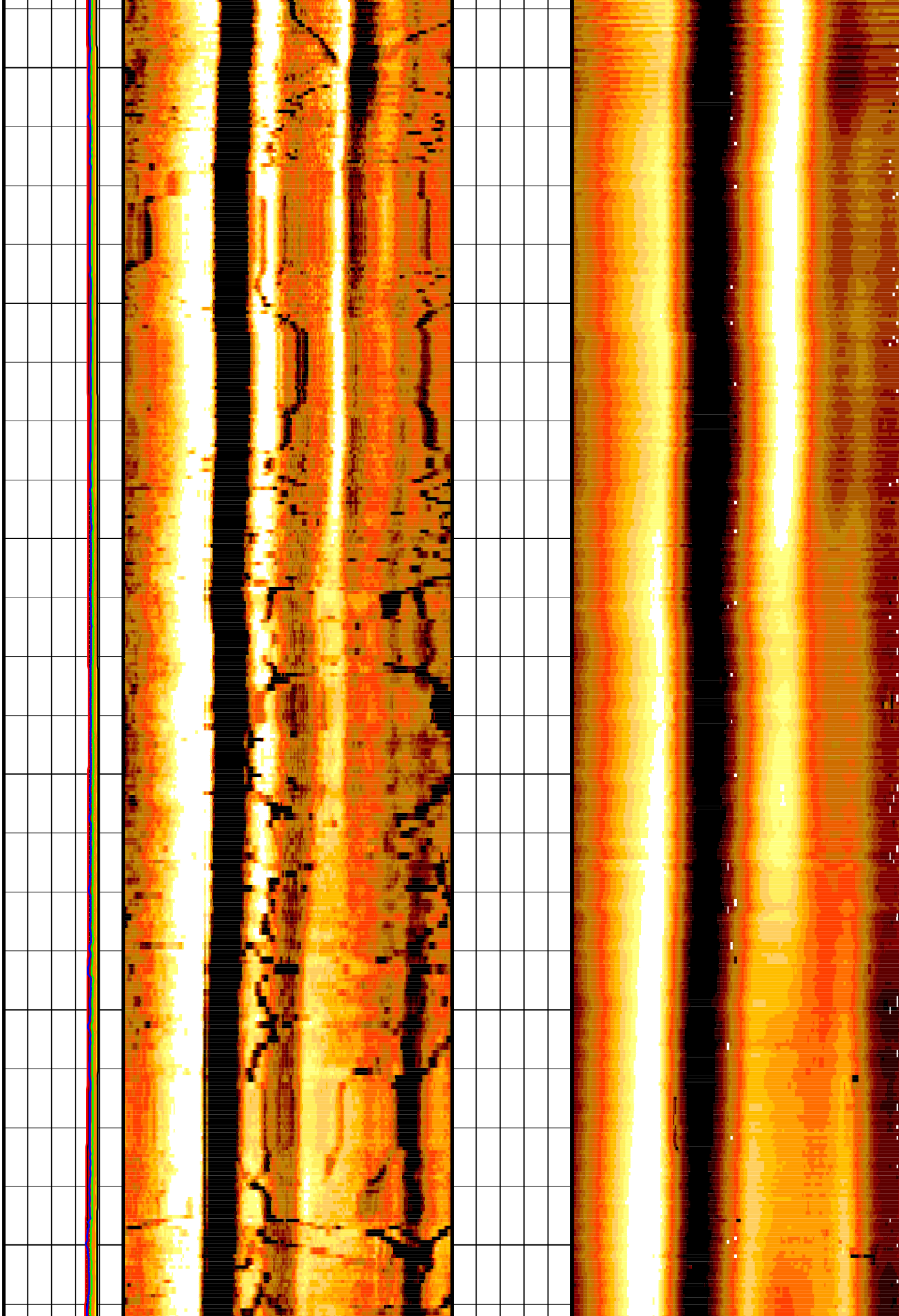
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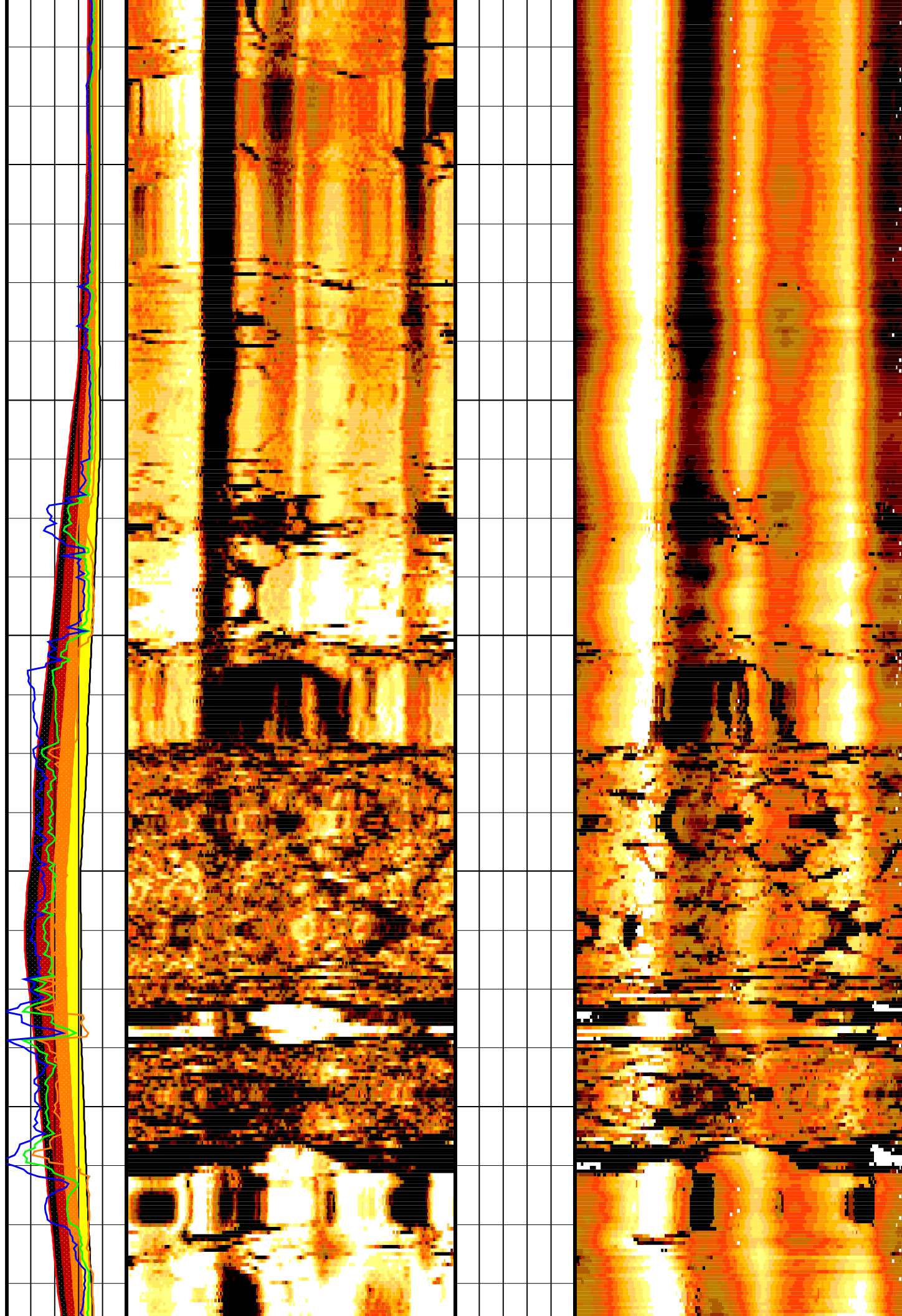
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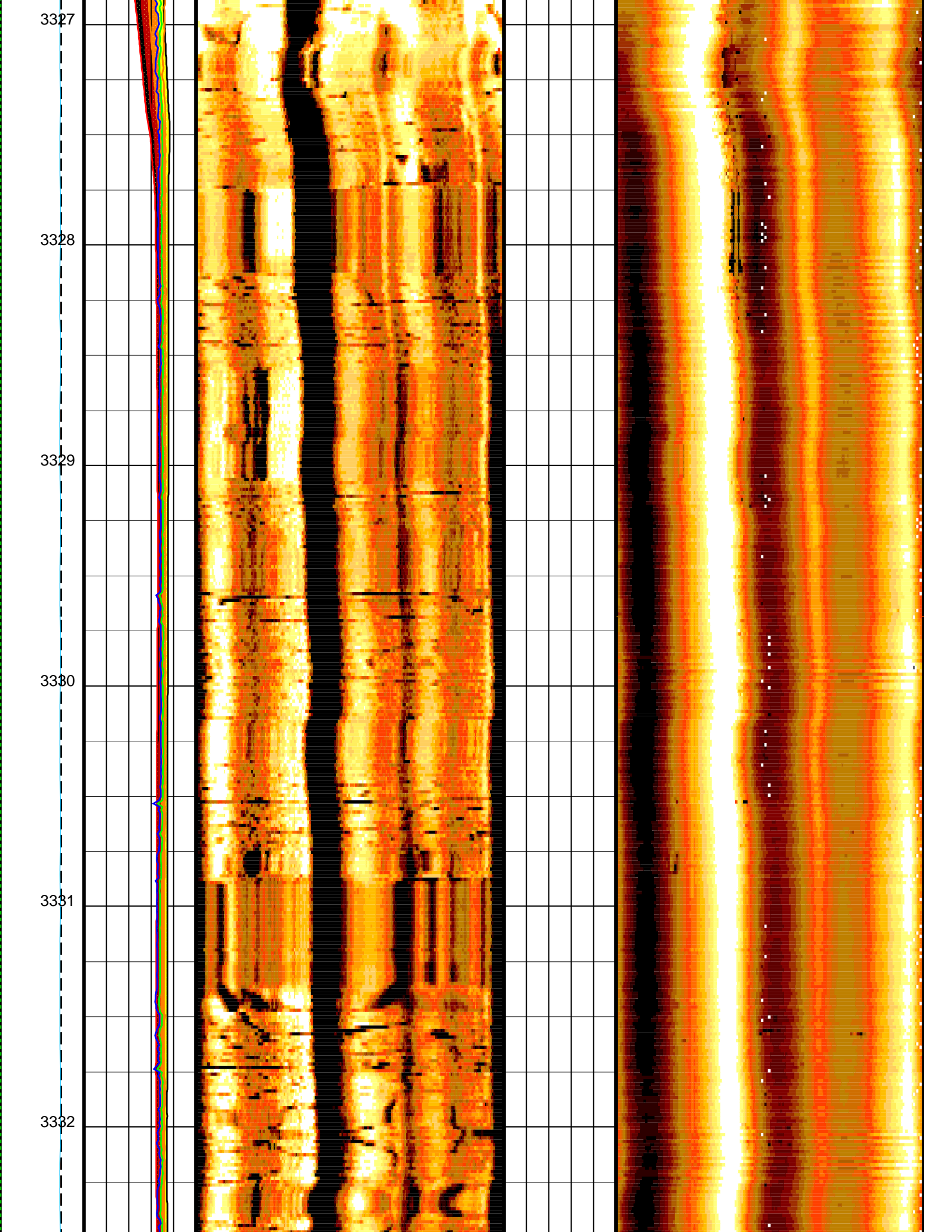
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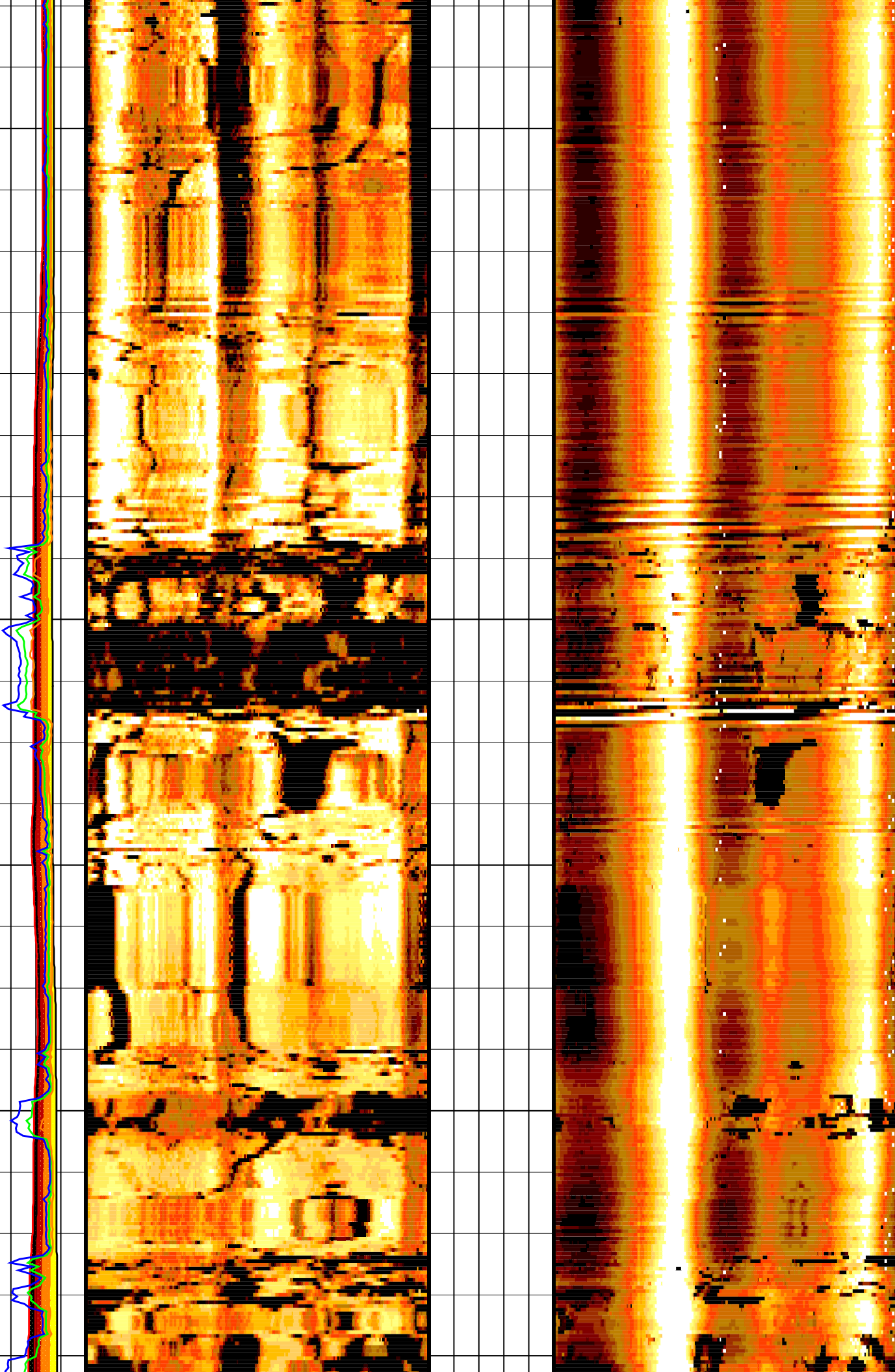
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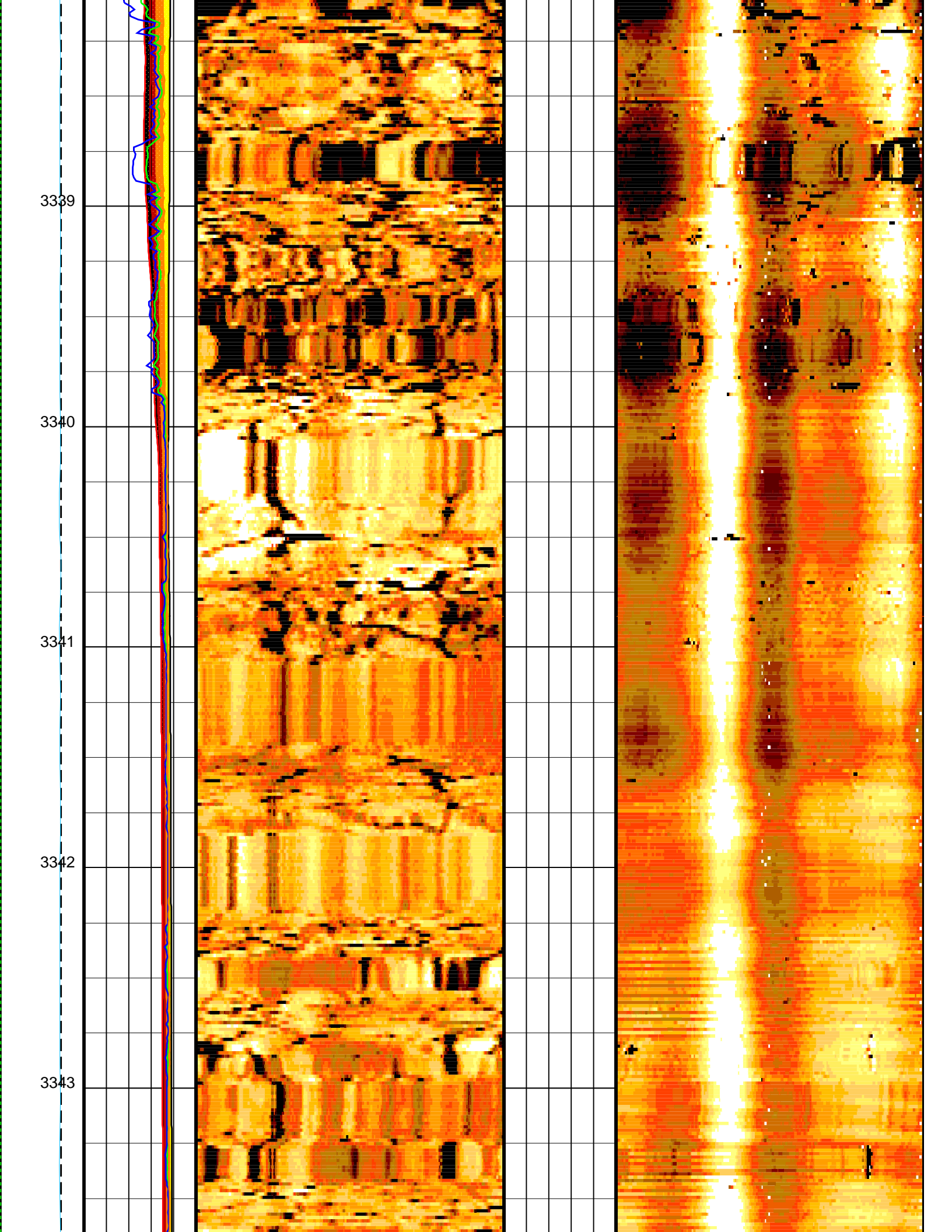
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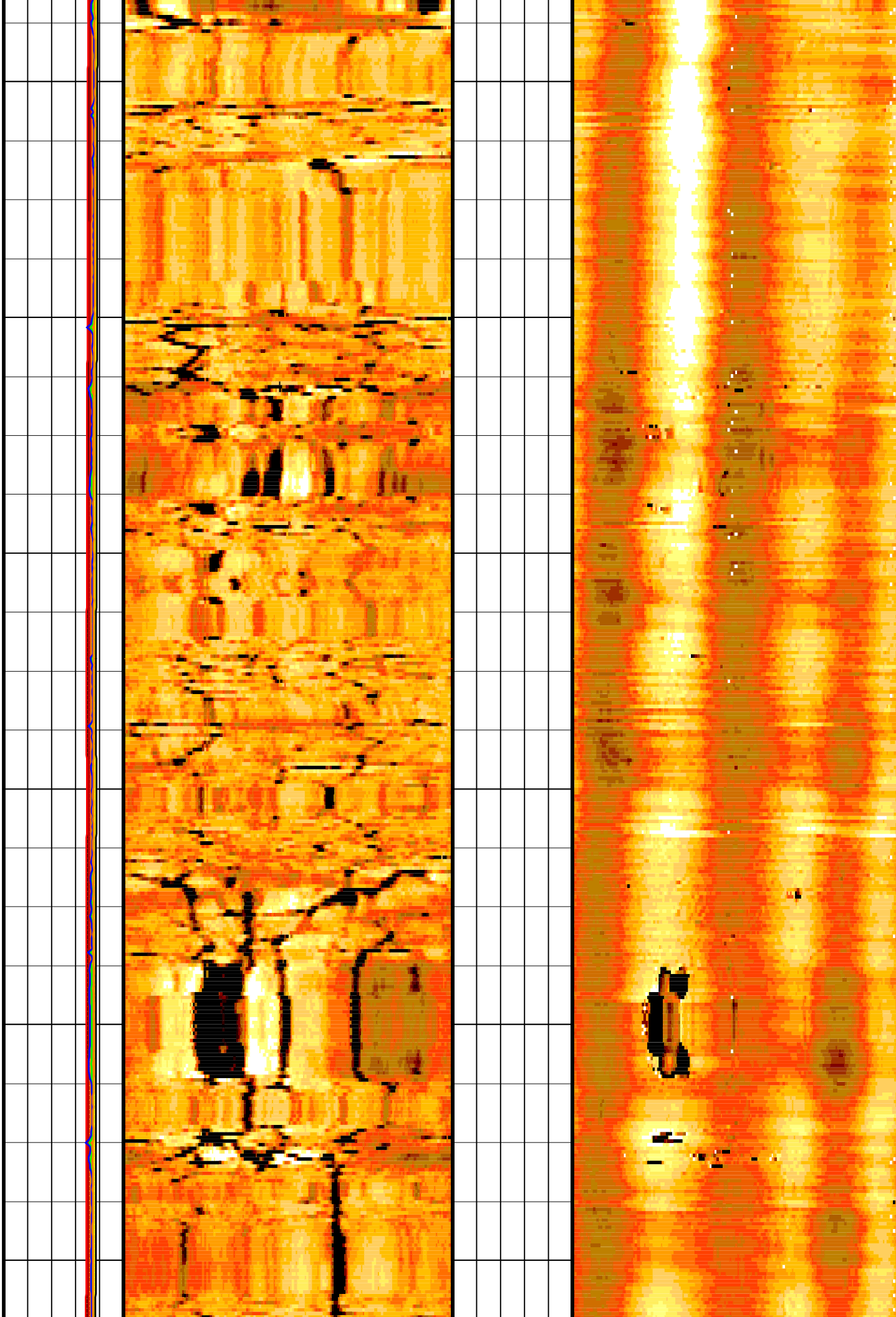
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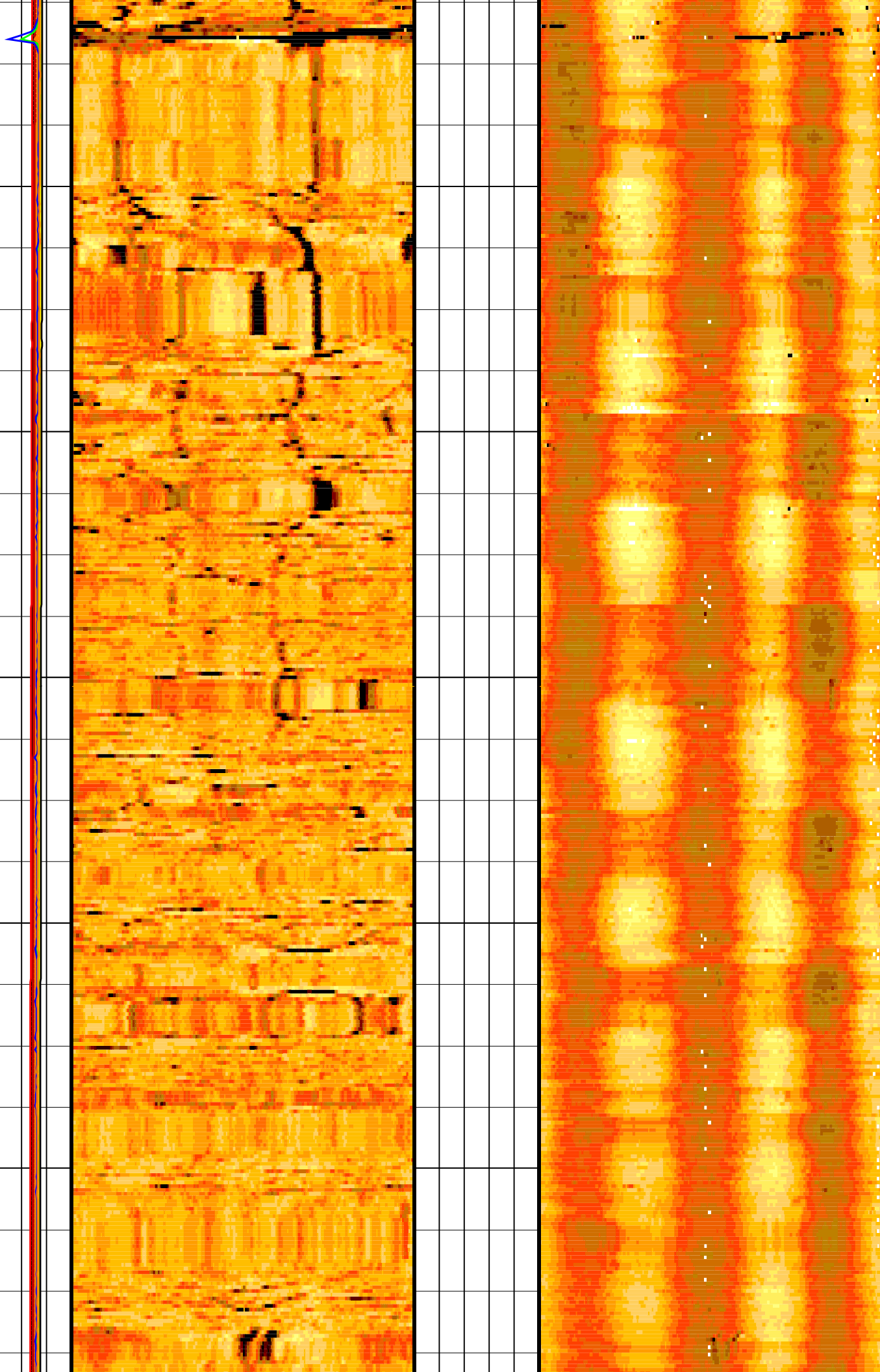
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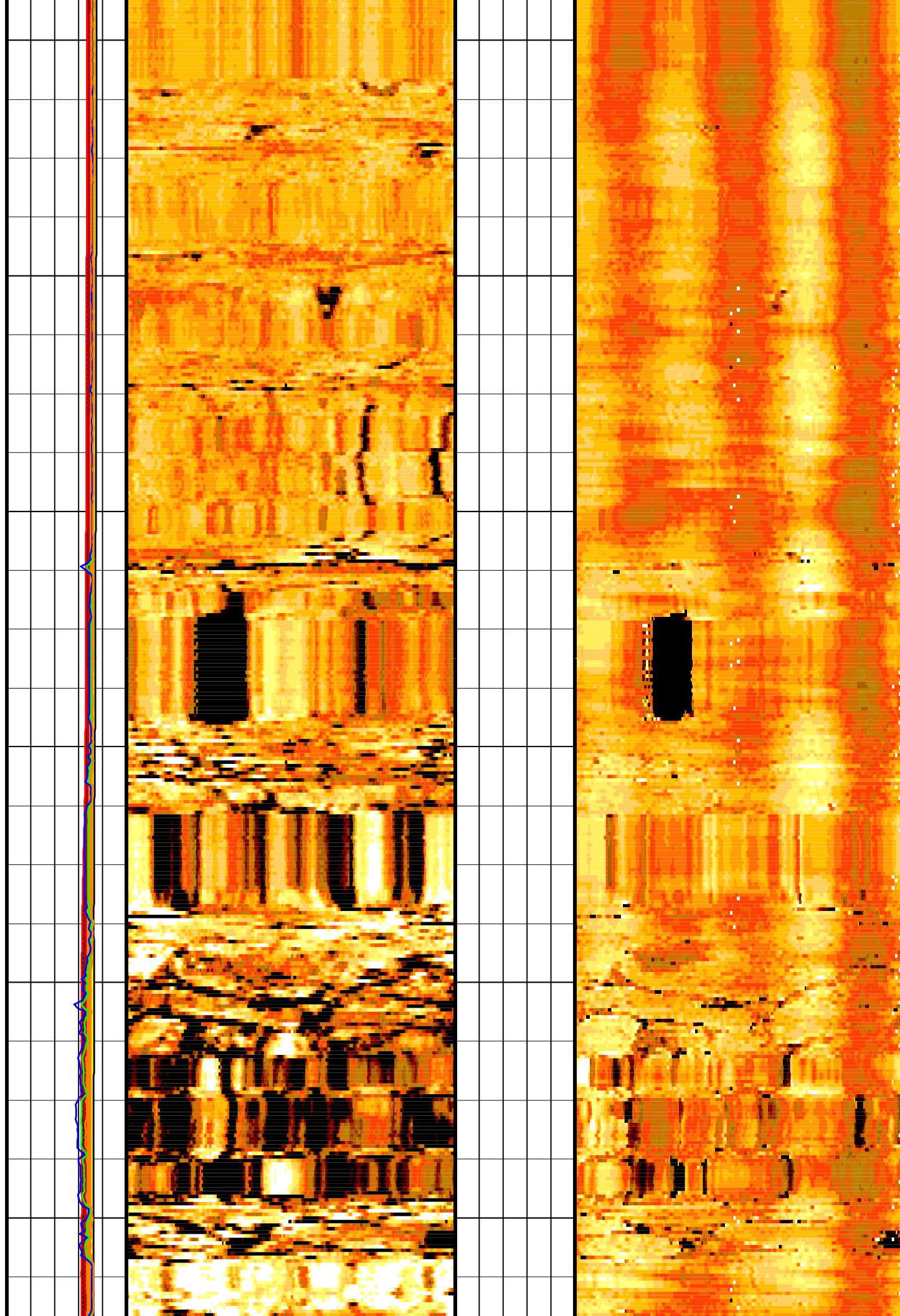
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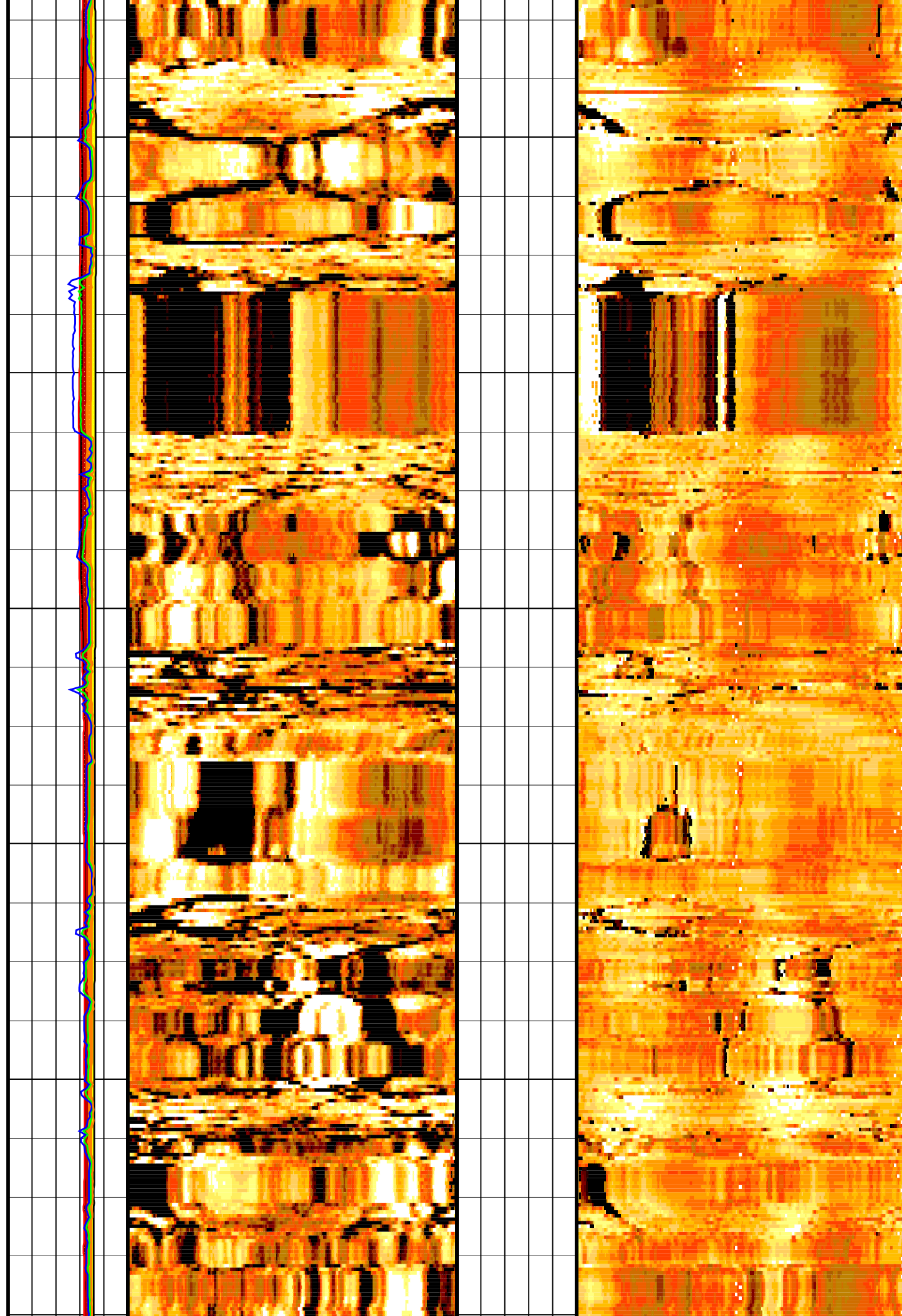
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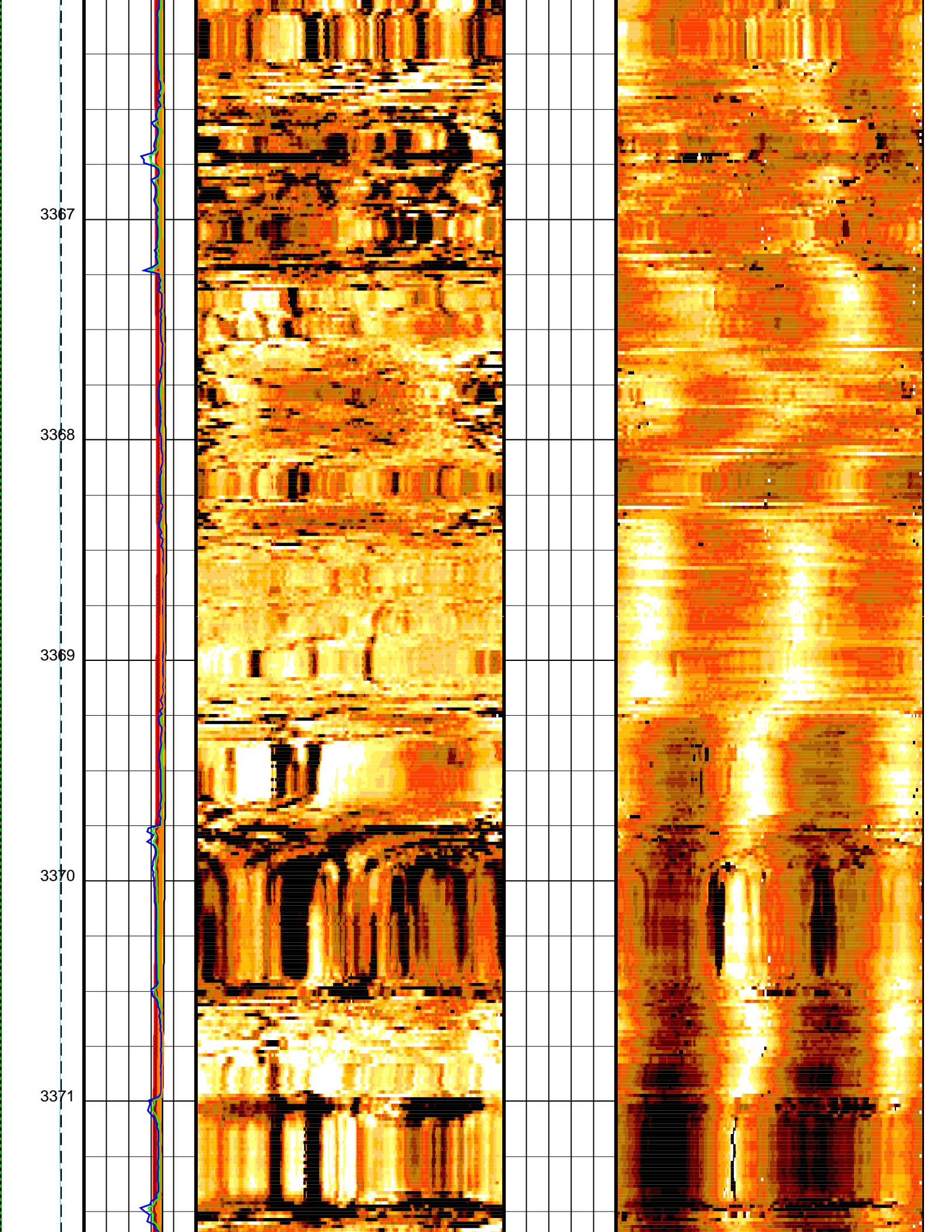
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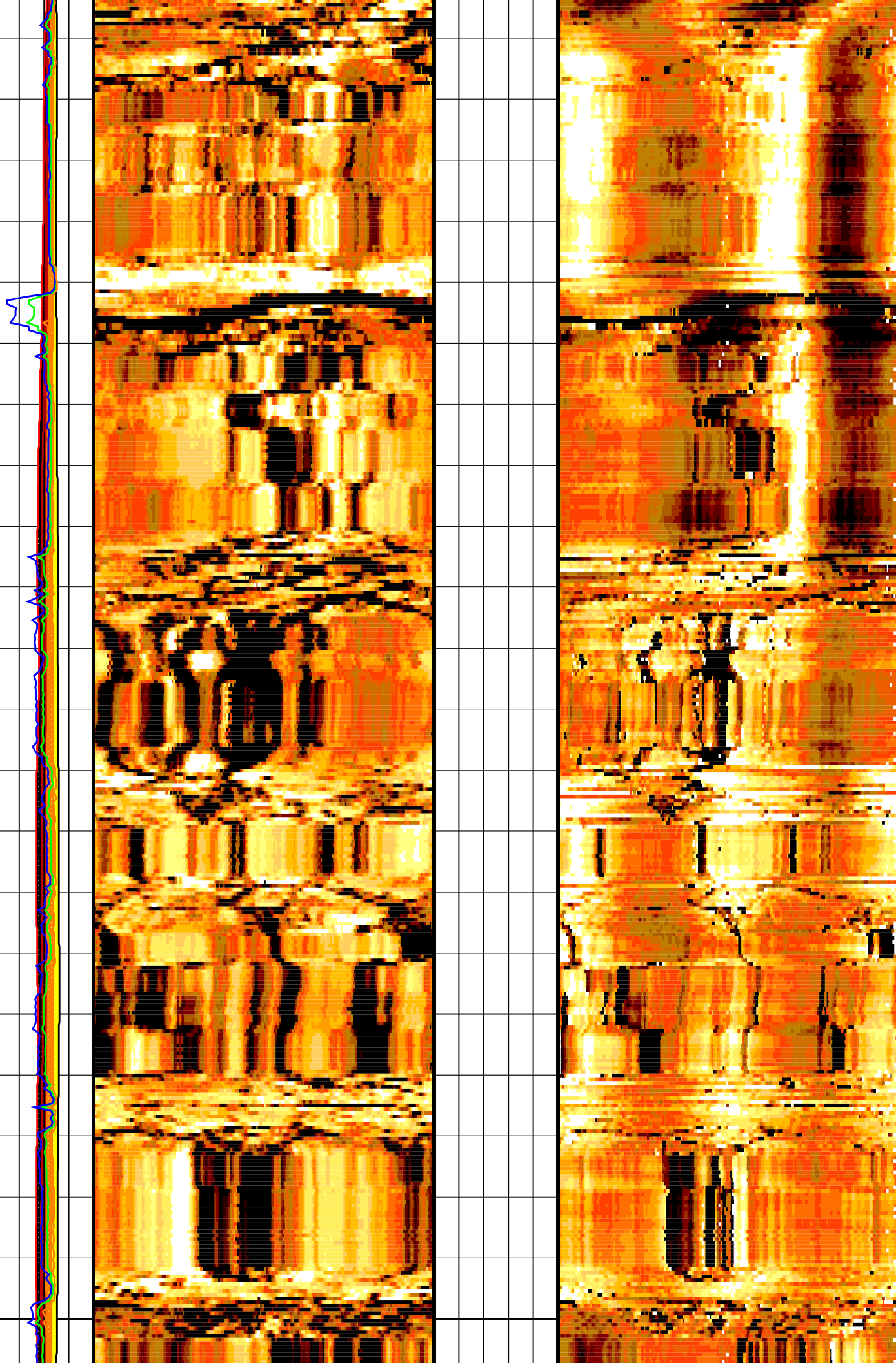
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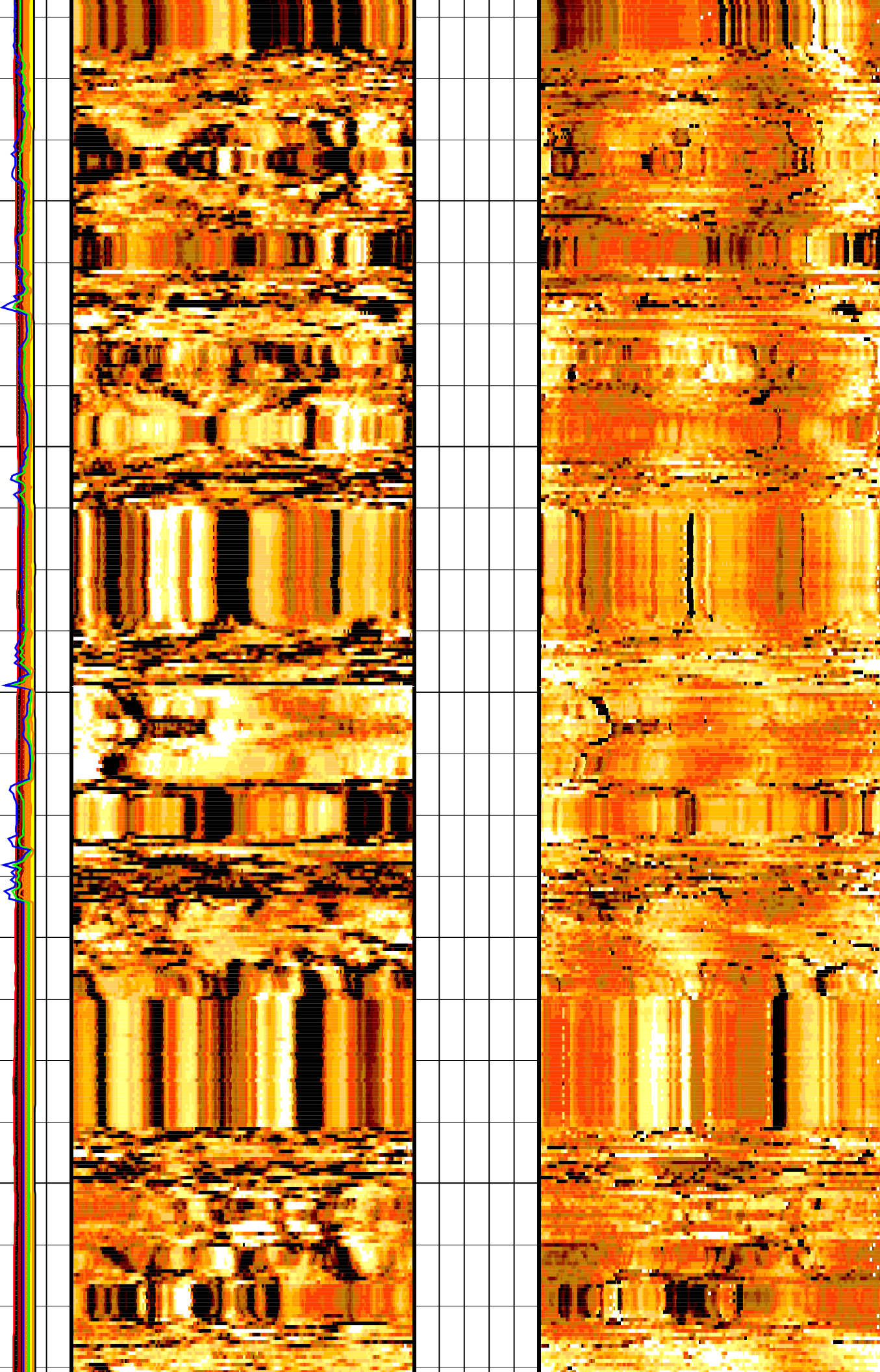
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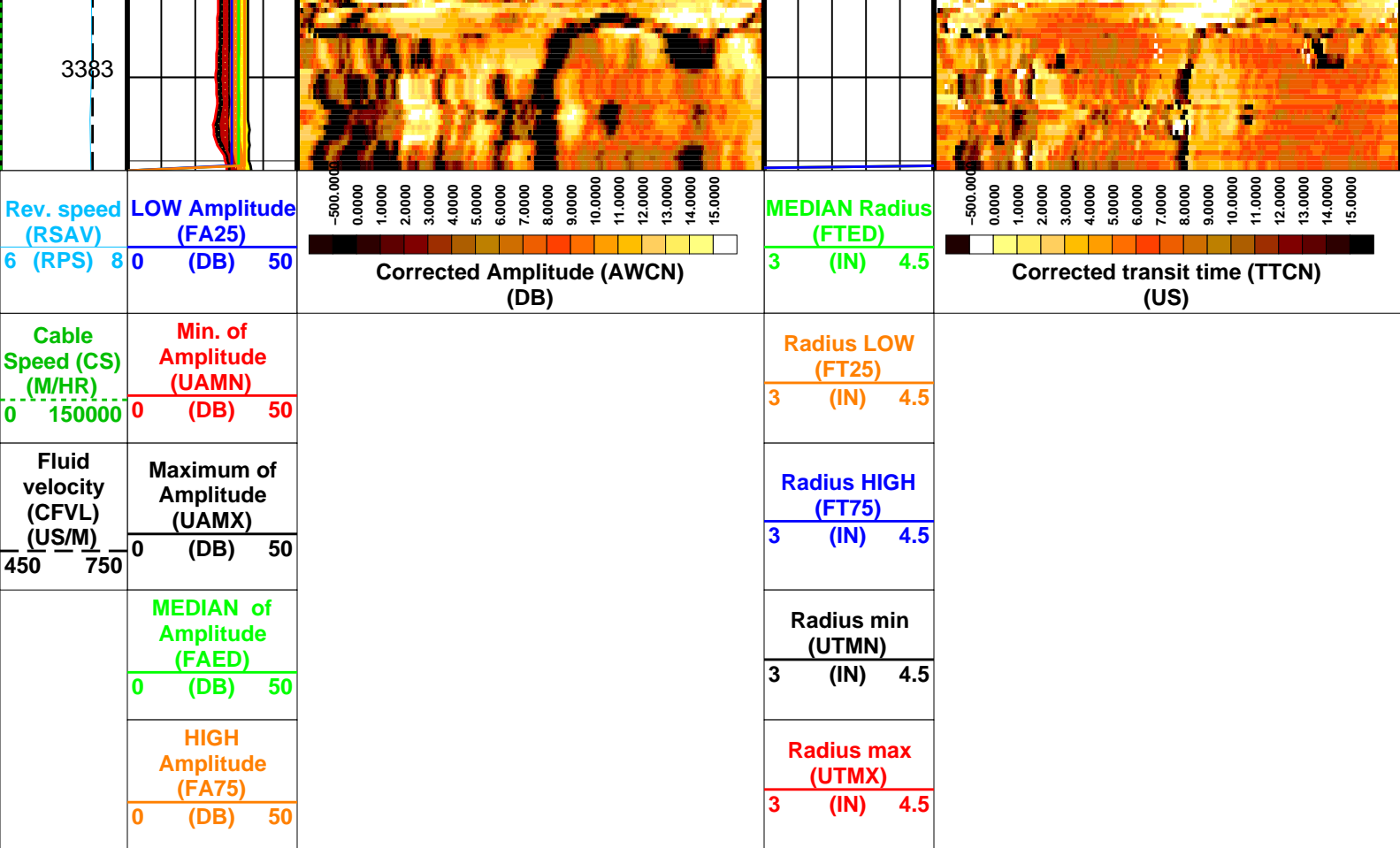
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Format: UBI_Image

Vertical Scale: 1:20

Graphics File Created: 10-Aug-2023 10:54

OP System Version: 19C0-187			
UBI-E	19C0-187	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Parameters		
DLIS Name	Description	Value
UBI-E: Ultrasonic Borehole Imager - E		
AAMN	Automatic Amplitude Minimum Scale	2 DB
ANGO	Angular Offset	20 DEG
ATMN	Automatic Transit Time Minimum Scale	2 US
CSID	Casing Inner Diameter	10.09 IN
DCMN	Window Decrement Down	0.8
DCMX	Window Decrement Up	0.6
DFVL	Default Fluid Velocity	203 US/F
DOT	Diameter of Tool	1.85 IN
ECRL	Eccentering Correction Level	FIRST
ERDB	Eccentering Rejection	12 DB
FDOS	FVEL Depth Offset	0 M
FMOS	FVEL Measurement Offset	0 US/F
GCSW	Gain Correction	ON
IMAR	Image Rotation	OFF
LIM1	Minimum Limit Control	AUTO
LIM2	Maximum Limit Control	MANUAL
NBCD	Color Correction Depth Level	80
NBLD	Eccentering Correction Depth Level	1
NCDI	Noise Correction Depth Interval	30
PNSW	Processing Noise Correction	ON
RCSO	Reference Calibrator Standoff	0.795 IN
RJ60	60 Hz Correction	ON
SWLV	Sliding Window Minimum	Inh_18us
SWMX	Sliding Window Maximum	Inh_167us
UFON	UBI Flagging of Lost Echoes	OFF
UGOS	UBI/UCI GPIT Offset	3.63 IN
USTO	Ultrasonic Time Offset	-3 US
USUB	UBI Sub Identifier	Sub_5_inch
UWKM	Current Working Mode	UBI3_SW250_180_1

System and Miscellaneous		BS	Bit Size	9.875	IN
Output DLIS Files					
DEFAULT	UBI_NGS_051LUP	FN:62	PRODUCER	10-Aug-2023 10:54	
RTB	UBI_NGS_051LUP	FN:63	PRODUCER	10-Aug-2023 10:54	



Calibrations

MAXIS Field Log

Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M01							
Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47							
HRLT M0–M1 Voltage Plus – 0	0	N/A	–318.8	–317.6	1.172	9.681	UV
HRLT M0–M1 Voltage Plus – 1	0	N/A	–330.6	–329.4	1.166	9.681	UV
HRLT M0–M1 Voltage Plus – 2	0	N/A	–338.3	–336.4	1.876	9.681	UV
HRLT M0–M1 Voltage Plus – 3	0	N/A	–328.5	–327.1	1.402	9.681	UV
HRLT M0–M1 Voltage Plus – 4	0	N/A	–319.4	–318.3	1.148	9.681	UV
HRLT M0–M1 Voltage Plus – 5	0	N/A	–321.0	–319.9	1.169	9.681	UV
HRLT M0–M1 Voltage Plus – 6	0	N/A	320.4	319.1	–1.283	9.681	UV
HRLT M0–M1 Voltage Plus – 7	0	N/A	–322.7	–322.7	0	9.681	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M12							
Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47							
HRLT M1–M2 Voltage Plus – 0	0	N/A	1738	1736	–2.279	53.42	UV
HRLT M1–M2 Voltage Plus – 1	0	N/A	1806	1800	–5.256	53.42	UV
HRLT M1–M2 Voltage Plus – 2	0	N/A	1842	1834	–7.794	53.42	UV
HRLT M1–M2 Voltage Plus – 3	0	N/A	1788	1784	–3.984	53.42	UV
HRLT M1–M2 Voltage Plus – 4	0	N/A	1741	1739	–2.335	53.42	UV
HRLT M1–M2 Voltage Plus – 5	0	N/A	1752	1749	–2.091	53.42	UV
HRLT M1–M2 Voltage Plus – 6	0	N/A	–1756	–1750	6.118	53.42	UV
HRLT M1–M2 Voltage Plus – 7	0	N/A	1781	1781	0	53.42	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M23							
Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47							
HRLT M2–M3 Voltage Plus – 0	0	N/A	1731	1729	–2.393	53.42	UV
HRLT M2–M3 Voltage Plus – 1	0	N/A	1808	1802	–5.890	53.42	UV
HRLT M2–M3 Voltage Plus – 2	0	N/A	1847	1839	–8.037	53.42	UV
HRLT M2–M3 Voltage Plus – 3	0	N/A	1797	1793	–4.330	53.42	UV
HRLT M2–M3 Voltage Plus – 4	0	N/A	1744	1741	–2.616	53.42	UV
HRLT M2–M3 Voltage Plus – 5	0	N/A	1755	1753	–2.136	53.42	UV
HRLT M2–M3 Voltage Plus – 6	0	N/A	–1748	–1741	6.880	53.42	UV
HRLT M2–M3 Voltage Plus – 7	0	N/A	1781	1781	0	53.42	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT V34							
Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47							
HRLT A3–A4 Voltage Plus – 0	0	N/A	68590	68530	–64.61	2100	UV
HRLT A3–A4 Voltage Plus – 1	0	N/A	71480	71300	–181.0	2100	UV
HRLT A3–A4 Voltage Plus – 2	0	N/A	73320	73020	–305.6	2100	UV
HRLT A3–A4 Voltage Plus – 3	0	N/A	71560	71440	–120.7	2100	UV
HRLT A3–A4 Voltage Plus – 4	0	N/A	69420	69340	–76.20	2100	UV
HRLT A3–A4 Voltage Plus – 5	0	N/A	69890	69820	–66.66	2100	UV
HRLT A3–A4 Voltage Plus – 6	0	N/A	–68140	–67900	241.0	2100	UV
HRLT A3–A4 Voltage Plus – 7	0	N/A	70000	70000	0	2100	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT V45							
Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47							
HRLT A4–A5 Voltage Plus – 0	0	N/A	68680	68610	–72.77	2100	UV
HRLT A4–A5 Voltage Plus – 1	0	N/A	71700	71510	–187.4	2100	UV
HRLT A4–A5 Voltage Plus – 2	0	N/A	73510	73200	–307.3	2100	UV

HRLT A4-A5 Voltage Plus - 3	0	N/A	71730	71500	-135.1	2100	UV
HRLT A4-A5 Voltage Plus - 4	0	N/A	69530	69450	-80.21	2100	UV
HRLT A4-A5 Voltage Plus - 5	0	N/A	69990	69910	-74.42	2100	UV
HRLT A4-A5 Voltage Plus - 6	0	N/A	-68350	-68110	247.0	2100	UV
HRLT A4-A5 Voltage Plus - 7	0	N/A	70000	70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V56

Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47

HRLT A5-A6 Voltage Plus - 0	0	N/A	68540	68460	-75.27	2100	UV
HRLT A5-A6 Voltage Plus - 1	0	N/A	71540	71340	-203.0	2100	UV
HRLT A5-A6 Voltage Plus - 2	0	N/A	73340	73050	-290.0	2100	UV
HRLT A5-A6 Voltage Plus - 3	0	N/A	71600	71450	-148.8	2100	UV
HRLT A5-A6 Voltage Plus - 4	0	N/A	69390	69320	-68.19	2100	UV
HRLT A5-A6 Voltage Plus - 5	0	N/A	69860	69800	-58.26	2100	UV
HRLT A5-A6 Voltage Plus - 6	0	N/A	-68200	-67960	239.2	2100	UV
HRLT A5-A6 Voltage Plus - 7	0	N/A	70000	70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT VTP

Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47

HRLT Torpedo-M0 Voltage - 0	0	N/A	-68070	-68010	64.69	2100	UV
HRLT Torpedo-M0 Voltage - 1	0	N/A	-71370	-71150	213.8	2100	UV
HRLT Torpedo-M0 Voltage - 2	0	N/A	-73200	-72910	294.9	2100	UV
HRLT Torpedo-M0 Voltage - 3	0	N/A	-71510	-71380	126.6	2100	UV
HRLT Torpedo-M0 Voltage - 4	0	N/A	-69370	-69290	79.15	2100	UV
HRLT Torpedo-M0 Voltage - 5	0	N/A	-69830	-69770	61.83	2100	UV
HRLT Torpedo-M0 Voltage - 6	0	N/A	67970	67730	-237.5	2100	UV
HRLT Torpedo-M0 Voltage - 7	0	N/A	-70000	-70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT VBD

Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47

HRLT Bridle#9-M0 Voltage - 0	0	N/A	-68110	-68040	63.49	2100	UV
HRLT Bridle#9-M0 Voltage - 1	0	N/A	-71450	-71260	189.5	2100	UV
HRLT Bridle#9-M0 Voltage - 2	0	N/A	-73280	-73000	286.2	2100	UV
HRLT Bridle#9-M0 Voltage - 3	0	N/A	-71590	-71460	130.9	2100	UV
HRLT Bridle#9-M0 Voltage - 4	0	N/A	-69410	-69340	66.38	2100	UV
HRLT Bridle#9-M0 Voltage - 5	0	N/A	-69860	-69800	63.67	2100	UV
HRLT Bridle#9-M0 Voltage - 6	0	N/A	68060	67820	-235.8	2100	UV
HRLT Bridle#9-M0 Voltage - 7	0	N/A	-70000	-70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT ISO

Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47

HRLT Source Current Plus - 0	0	N/A	284.2	283.9	-0.3018	8.520	UA
HRLT Source Current Plus - 1	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 2	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 3	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 4	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 5	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 6	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 7	0	N/A	281.1	281.1	0	8.520	UA

High Resolution Laterolog Array - B Wellsite Calibration - HRLT MV

Before: 9-Aug-2023 9:07 After: 9-Aug-2023 17:47

HRLT Vertical Voltage PI - 0	0	N/A	-320.4	-319.7	0.6299	9.681	UV
HRLT Vertical Voltage PI - 1	0	N/A	-324.4	-323.2	1.201	9.681	UV
HRLT Vertical Voltage PI - 2	0	N/A	-331.0	-329.5	1.557	9.681	UV
HRLT Vertical Voltage PI - 3	0	N/A	-319.9	-319.0	0.9133	9.681	UV
HRLT Vertical Voltage PI - 4	0	N/A	-308.7	-308.1	0.5947	9.681	UV
HRLT Vertical Voltage PI - 5	0	N/A	-325.3	-324.8	0.5374	9.681	UV
HRLT Vertical Voltage PI - 6	0	N/A	326.6	325.4	-1.239	9.681	UV
HRLT Vertical Voltage PI - 7	0	N/A	-322.7	-322.7	0	9.681	UV

Hostile Litho-Density Sonde Wellsite Calibration - Background Measurement

Master: Calibration out of date 17-Apr-2023 12:47 Before: 9-Aug-2023 9:10 After: 9-Aug-2023 18:53

SS Cs Resolution Bkg	9.000	8.117	8.080	7.958	-0.1220	1.800	%
LS Cs Resolution Bkg	9.000	7.703	7.699	7.791	0.09150	1.800	%
LSW1 Background	100.0	56.06	55.13	55.69	0.5581	3.000	CPS
LSW2 Background	100.0	52.18	52.75	51.33	-1.427	3.000	CPS
LSW3 Background	200.0	113.2	112.9	112.1	-0.7703	6.000	CPS
LSW4 Background	250.0	140.7	140.2	139.9	-0.3371	7.500	CPS
LSW5 Background	600.0	323.9	320.8	320.2	-0.5937	18.00	CPS
SSW1 Background	100.0	62.70	63.31	63.68	0.3707	3.000	CPS
SSW2 Background	200.0	113.3	111.5	111.9	0.3969	6.000	CPS
SSW3 Background	500.0	305.6	304.2	301.0	-3.130	15.00	CPS
SSW4 Background	270.0	160.0	158.0	160.4	2.367	8.100	CPS
SSW5 Background	200.0	116.0	116.1	115.6	-0.4461	6.000	CPS

Hostile Litho-Density Sonde Wellsite Calibration - Aluminum Measurement

Master: Calibration out of date 17-Apr-2023 13:31

LSW1 Aluminum	600.0	387.6	N/A	N/A	N/A	N/A	CPS
LSW2 Aluminum	900.0	581.0	N/A	N/A	N/A	N/A	CPS
LSW3 Aluminum	1100	716.1	N/A	N/A	N/A	N/A	CPS

LSW4 Aluminum	580.0	368.4	N/A	N/A	N/A	N/A	CPS
LSW5 Aluminum	570.0	339.2	N/A	N/A	N/A	N/A	CPS
SSW1 Aluminum	2800	1927	N/A	N/A	N/A	N/A	CPS
SSW2 Aluminum	8000	5293	N/A	N/A	N/A	N/A	CPS
SSW3 Aluminum	11600	7493	N/A	N/A	N/A	N/A	CPS
SSW4 Aluminum	5000	3144	N/A	N/A	N/A	N/A	CPS
SSW5 Aluminum	660.0	382.9	N/A	N/A	N/A	N/A	CPS
Hostile Litho–Density Sonde Wellsite Calibration – Lithology Measurement							
Master: Calibration out of date 17–Apr–2023 13:24							
LSW1 Iron	400.0	270.0	N/A	N/A	N/A	N/A	CPS
LSW2 Iron	730.0	475.4	N/A	N/A	N/A	N/A	CPS
LSW3 Iron	1000	645.5	N/A	N/A	N/A	N/A	CPS
LSW4 Iron	520.0	340.5	N/A	N/A	N/A	N/A	CPS
LSW5 Iron	470.0	315.7	N/A	N/A	N/A	N/A	CPS
SSW1 Iron	2100	1447	N/A	N/A	N/A	N/A	CPS
SSW2 Iron	6800	4494	N/A	N/A	N/A	N/A	CPS
SSW3 Iron	10800	6946	N/A	N/A	N/A	N/A	CPS
SSW4 Iron	4600	2923	N/A	N/A	N/A	N/A	CPS
SSW5 Iron	580.0	346.5	N/A	N/A	N/A	N/A	CPS
Hostile Litho–Density Sonde Wellsite Calibration – Caliper Calibration							
Before: Calibration out of date 17–Apr–2023 14:20							
HLDS Caliper Small Ring	12.00	N/A	14.49	N/A	N/A	N/A	IN
HLDS Caliper Large Ring	15.19	N/A	18.00	N/A	N/A	N/A	IN
Accelerator–Porosity Tool Wellsite Calibration – Detector Background							
Master: Calibration out of date 4–Oct–2022 19:31 Before: 9–Aug–2023 9:10 After: 9–Aug–2023 17:49							
Near Det Bkg Cntrate	30.00	26.04	26.69	26.47	–0.2160	N/A	CPS
Far Det Bkg Cntrate	30.00	24.58	24.45	23.80	–0.6480	N/A	CPS
Array–1 Det Bkg Cntrate	30.00	23.51	24.92	23.86	–1.063	N/A	CPS
Array–2 Det Bkg Cntrate	30.00	24.23	24.81	24.47	–0.3322	N/A	CPS
Array Therm Det Bkg Cntrate	30.00	25.48	25.09	23.39	–1.702	N/A	CPS
Accelerator–Porosity Tool Wellsite Calibration – Calibration Ratios							
Master: Calibration out of date 4–Oct–2022 19:31							
Near/Far Calibration Ratio	0.9250	0.9403	N/A	N/A	N/A	N/A	
Near/Array Calibration Ratio	1.030	1.082	N/A	N/A	N/A	N/A	
Near/Array Cal Ratio Up/Down	1.000	1.013	N/A	N/A	N/A	N/A	
Accelerator–Porosity Tool Wellsite Calibration – Tank Check							
Master: Calibration out of date 4–Oct–2022 19:31							
Array–1 Standoff Porosity	11.75	10.96	N/A	N/A	N/A	N/A	PU
Array–2 Standoff Porosity	11.75	10.47	N/A	N/A	N/A	N/A	PU
Average Slowing Down Time	6.000	6.000	N/A	N/A	N/A	N/A	US
Array–1 SDT Ratio Up/Down	1.000	0.9838	N/A	N/A	N/A	N/A	
Array–2 SDT Ratio Up/Down	1.000	0.9665	N/A	N/A	N/A	N/A	
Sigma Formation	27.50	27.92	N/A	N/A	N/A	N/A	CU
Accelerator–Porosity Tool Wellsite Calibration – CCR7 signal boxes							
Master: Calibration out of date 4–Oct–2022 19:31							
Near Detector Plateau Setting	1650	1736	N/A	N/A	N/A	N/A	V
Far Detector Plateau Setting	2000	2068	N/A	N/A	N/A	N/A	V
Array Detector Plateau Setting	2000	1976	N/A	N/A	N/A	N/A	V
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check							
Master: Calibration out of date 18–Apr–2023 21:32 Before: 9–Aug–2023 9:13 After: 9–Aug–2023 18:54							
Na 511 Peak Loc	40.00	38.77	39.58	39.56	–0.02338	1.000	
Na 511 Peak Res	15.50	16.72	16.43	15.98	–0.4494	2.000	%
High Voltage	1150	1244	1193	1199	5.773	N/A	V
Na 1785 Peak Loc	142.6	138.9	143.0	142.6	–0.3542	7.000	
Na 1785 Peak Res	8.500	9.548	8.640	8.347	–0.2933	2.000	%
Temperature	15.50	25.51	18.92	20.15	1.237	N/A	DEGC
Na Count Rate	45.00	47.77	43.51	44.25	0.7362	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check							
Master: Calibration out of date 18–Apr–2023 21:32 Before: 9–Aug–2023 9:13 After: 9–Aug–2023 18:54							
Na 511 Peak Loc	40.00	40.77	39.67	39.50	–0.1753	1.000	
Na 511 Peak Res	15.50	15.42	15.46	16.11	0.6540	2.000	%
High Voltage	1150	1160	1075	1080	5.782	N/A	V
Na 1785 Peak Loc	142.6	144.4	142.6	142.3	–0.3199	7.000	
Na 1785 Peak Res	8.500	8.555	9.038	8.577	–0.4613	2.000	%
Temperature	15.50	26.63	18.42	20.90	2.478	N/A	DEGC
Na Count Rate	45.00	48.78	43.50	44.34	0.8403	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2							
Master: Calibration out of date 18–Apr–2023 21:32 Before: 9–Aug–2023 9:13 After: 9–Aug–2023 18:54							
Coincidence Count Rate Ratio	1.000	0.9755	0.9995	0.9956	–0.003950	0.05000	
Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration							
Before: 9–Aug–2023 10:34							
EDTC Z–Axis Acceleration	9.810	N/A	9.864	N/A	N/A	N/A	M/S2

















EDT02 7-axis Acceleration	0.010	N/A	0.004	N/A	N/A	N/A	M/C2
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration							
Before: 9–Aug–2023 9:10 After: 9–Aug–2023 18:51							
Gamma Ray (Jig – Bkg)	168.3	N/A	168.3	159.4	–8.892	15.30	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	156.3	–8.720	15.00	GAPI






Accelerator–Porosity Tool – Detector Plateau Settings :












Near Detector Plateau Setting 1736 V
Far Detector Plateau Setting 2068 V
Array Detector Plateau Setting 1976 V

















High Resolution Laterolog Array – B / Equipment Identification








Primary Equipment:		
HRLT Sonde	HRLS – B	969
Auxiliary Equipment:		
HRLT lower Housing	HRLH – B	1869
HRLT Lower Cartridge	HRLC – B	1897
HRLT upper Housing	HRUH – B	975
HRLT Upper Cartridge	HRUC – B	964










High Resolution Laterolog Array – B Wellsite Calibration							
HRLT M01							
Idx	Phase	HRLT M0–M1 Voltage Plus UV	Value	Nominal	Maximum	Minimum	
0	Before		–318.8	–322.7	–280.7	–379.7	
	After		–317.6				
1	Before		–330.6	–322.7	–280.7	–379.7	
	After		–329.4				
2	Before		–338.3	–322.7	–280.7	–379.7	
	After		–336.4				
3	Before		–328.5	–322.7	–280.7	–379.7	
	After		–327.1				
4	Before		–319.4	–322.7	–280.7	–379.7	
	After		–318.3				
5	Before		–321.0	–322.7	–280.7	–379.7	
	After		–319.9				
6	Before		320.4	322.7	379.7	280.7	
	After		319.1				
7	Before		–322.7	–322.7	–280.7	–379.7	
	After		–322.7				
(Minimum) (Nominal) (Maximum)							
Before: 9–Aug–2023 9:07							
After: 9–Aug–2023 17:47							

















High Resolution Laterolog Array – B Wellsite Calibration							
HRLT M12							
Idx	Phase	HRLT M1–M2 Voltage Plus UV	Value	Nominal	Maximum	Minimum	
0	Before		1738	1781	2095	1549	
	After		1736				
1	Before		1806	1781	2095	1549	
	After		1800				
	Before		1842				










2	After		1834	1781	2095	1549
3	Before		1788	1781	2095	1549
	After		1784			
4	Before		1741	1781	2095	1549
	After		1739			
5	Before		1752	1781	2095	1549
	After		1749			
6	Before		-1756	-1781	-1549	-2095
	After		-1750			
7	Before		1781	1781	2095	1549
	After		1781			
(Minimum) (Nominal) (Maximum)						
Before: 9-Aug-2023 9:07						
After: 9-Aug-2023 17:47						









High Resolution Laterolog Array – B Wellsite Calibration						
HRLT M23						
Idx	Phase	HRLT M2–M3 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1731	1781	2095	1549
	After		1729			
1	Before		1808	1781	2095	1549
	After		1802			
2	Before		1847	1781	2095	1549
	After		1839			
3	Before		1797	1781	2095	1549
	After		1793			
4	Before		1744	1781	2095	1549
	After		1741			
5	Before		1755	1781	2095	1549
	After		1753			
6	Before		-1748	-1781	-1549	-2095
	After		-1741			
7	Before		1781	1781	2095	1549
	After		1781			
(Minimum) (Nominal) (Maximum)						
Before: 9-Aug-2023 9:07						
After: 9-Aug-2023 17:47						

















High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V34						
Idx	Phase	HRLT A3–A4 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68590	70000	82360	60900
	After		68530			
1	Before		71480	70000	82360	60900
	After		71300			
2	Before		73320	70000	82360	60900
	After		73020			
3	Before		71560			
	After					











3	After		71440	70000	82360	60900
4	Before		69420	70000	82360	60900
	After		69340			
5	Before		69890	70000	82360	60900
	After		69820			
6	Before		-68140	-70000	-60900	-82360
	After		-67900			
7	Before		70000	70000	82360	60900
	After		70000			
(Minimum) (Nominal) (Maximum)						
Before: 9-Aug-2023 9:07						
After: 9-Aug-2023 17:47						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V45						
Idx	Phase	HRLT A4–A5 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68680	70000	82360	60900
	After		68610			
1	Before		71700	70000	82360	60900
	After		71510			
2	Before		73510	70000	82360	60900
	After		73200			
3	Before		71730	70000	82360	60900
	After		71590			
4	Before		69530	70000	82360	60900
	After		69450			
5	Before		69990	70000	82360	60900
	After		69910			
6	Before		-68350	-70000	-60900	-82360
	After		-68110			
7	Before		70000	70000	82360	60900
	After		70000			
(Minimum) (Nominal) (Maximum)						
Before: 9-Aug-2023 9:07						
After: 9-Aug-2023 17:47						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V56						
Idx	Phase	HRLT A5–A6 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68540	70000	82360	60900
	After		68460			
1	Before		71540	70000	82360	60900
	After		71340			
2	Before		73340	70000	82360	60900
	After		73050			
3	Before		71600	70000	82360	60900
	After		71450			
4	Before		69390	70000	82360	60900
	After					

4	Before		69320	70000	82360	60900
	After		69800	70000	82360	60900
5	Before		69860	70000	82360	60900
	After		69800	70000	82360	60900
6	Before		-68200	-70000	-60900	-82360
	After		-67960	-70000	-60900	-82360
7	Before		70000	70000	82360	60900
	After		70000	70000	82360	60900
(Minimum) (Nominal) (Maximum)						
Before: 9-Aug-2023 9:07						
After: 9-Aug-2023 17:47						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT VTP						
Idx	Phase	HRLT Torpedo-M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-68070	-70000	-60900	-82360
	After		-68010			
1	Before		-71370	-70000	-60900	-82360
	After		-71150			
2	Before		-73200	-70000	-60900	-82360
	After		-72910			
3	Before		-71510	-70000	-60900	-82360
	After		-71380			
4	Before		-69370	-70000	-60900	-82360
	After		-69290			
5	Before		-69830	-70000	-60900	-82360
	After		-69770			
6	Before		67970	70000	82360	60900
	After		67730			
7	Before		-70000	-70000	-60900	-82360
	After		-70000			
(Minimum) (Nominal) (Maximum)						
Before: 9-Aug-2023 9:07						
After: 9-Aug-2023 17:47						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT VBD						
Idx	Phase	HRLT Bridle#9-M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-68110	-70000	-60900	-82360
	After		-68040			
1	Before		-71450	-70000	-60900	-82360
	After		-71260			
2	Before		-73280	-70000	-60900	-82360
	After		-73000			
3	Before		-71590	-70000	-60900	-82360
	After		-71460			
4	Before		-69410	-70000	-60900	-82360
	After		-69340			
	Before		60860			

5	Before		-69800	-70000	-60900	-82360
6	Before		68060	70000	82360	60900
	After		67820			
7	Before		-70000	-70000	-60900	-82360
	After		-70000			
(Minimum) (Nominal) (Maximum)						
Before: 9-Aug-2023 9:07						
After: 9-Aug-2023 17:47						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT ISO						
Idx	Phase	HRLT Source Current Plus UA	Value	Nominal	Maximum	Minimum
0	Before		284.2	284.0	334.1	247.0
	After		283.9			
1	Before		281.1	281.1	330.7	244.4
	After		281.1			
2	Before		281.1	281.1	330.7	244.4
	After		281.1			
3	Before		281.1	281.1	330.7	244.4
	After		281.1			
4	Before		281.1	281.1	330.7	244.4
	After		281.1			
5	Before		281.1	281.1	330.7	244.4
	After		281.1			
6	Before		281.1	281.1	330.7	244.4
	After		281.1			
7	Before		281.1	281.1	330.7	244.4
	After		281.1			
(Minimum) (Nominal) (Maximum)						
Before: 9-Aug-2023 9:07						
After: 9-Aug-2023 17:47						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT MV						
Idx	Phase	HRLT Vertical Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-320.4	-322.7	-280.7	-379.7
	After		-319.7			
1	Before		-324.4	-322.7	-280.7	-379.7
	After		-323.2			
2	Before		-331.0	-322.7	-280.7	-379.7
	After		-329.5			
3	Before		-319.9	-322.7	-280.7	-379.7
	After		-319.0			
4	Before		-308.7	-322.7	-280.7	-379.7
	After		-308.1			
5	Before		-325.3	-322.7	-280.7	-379.7
	After		-324.8			
6	Before		-322.7	-322.7	-280.7	-379.7
	After		-322.7			

6	Before		326.6	322.7	379.7	280.7
7	Before		-322.7	-322.7	-280.7	-379.7
	After		-322.7			
			(Minimum) (Nominal) (Maximum)			
Before: 9-Aug-2023 9:07						
After: 9-Aug-2023 17:47						

Hostile Litho-Density Sonde / Equipment Identification

Primary Equipment:

Gamma Source Radioactive

GSR – ZA

2945

Hostile Litho Density Sonde

HLDS – D

35

Hostile Litho Density High Voltage

HLDV – D

35

Auxiliary Equipment:

Hostile Litho Density High Voltage Housi

HEH – H

35

Hostile Litho Density Pad

HLDP – C

35

Hostile Litho-Density Sonde Wellsite Calibration

Background Measurement

Phase	SS Cs Resolution Bkg %	Value	Phase	LS Cs Resolution Bkg %	Value	Phase	LSW1 Background CPS	Value
Master		8.117	Master		7.703	Master		56.06
Before		8.080	Before		7.699	Before		55.13
After		7.958	After		7.791	After		55.69
7.000 (Minimum) 9.000 (Nominal) 11.00 (Maximum)			7.000 (Minimum) 9.000 (Nominal) 11.00 (Maximum)			55.00 (Minimum) 100.0 (Nominal) 150.0 (Maximum)		
Phase	LSW2 Background CPS	Value	Phase	LSW3 Background CPS	Value	Phase	LSW4 Background CPS	Value
Master		52.18	Master		113.2	Master		140.7
Before		52.75	Before		112.9	Before		140.2
After		51.33	After		112.1	After		139.9
50.00 (Minimum) 100.0 (Nominal) 140.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 290.0 (Maximum)			140.0 (Minimum) 250.0 (Nominal) 360.0 (Maximum)		
Phase	LSW5 Background CPS	Value	Phase	SSW1 Background CPS	Value	Phase	SSW2 Background CPS	Value
Master		323.9	Master		62.70	Master		113.3
Before		320.8	Before		63.31	Before		111.5
After		320.2	After		63.68	After		111.9
330.0 (Minimum) 600.0 (Nominal) 830.0 (Maximum)			55.00 (Minimum) 100.0 (Nominal) 150.0 (Maximum)			100.0 (Minimum) 200.0 (Nominal) 260.0 (Maximum)		
Phase	SSW3 Background CPS	Value	Phase	SSW4 Background CPS	Value	Phase	SSW5 Background CPS	Value
Master		305.6	Master		160.0	Master		116.0
Before		304.2	Before		158.0	Before		116.1
After		301.0	After		160.4	After		115.6
280.0 (Minimum) 500.0 (Nominal) 700.0 (Maximum)			150.0 (Minimum) 270.0 (Nominal) 380.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 270.0 (Maximum)		
Master: Calibration out of date 17-Apr-2023 12:47			Before: 9-Aug-2023 9:10			After: 9-Aug-2023 18:53		

Litho-Density Spectroscopy Cartridge – B / Equipment Identification

Primary Equipment:

LDSC Cartridge

LDSC – B

295

Auxiliary Equipment:

LDSC Housing

LDSh – A

333

Accelerator-Porosity Tool / Equipment Identification

Primary Equipment:

Primary Equipment:
Accelerator-Porosity Sonde
APS Minitron

APS - C 249
MNTR - F 51002

Auxiliary Equipment:
Accelerator-Porosity Housing
APS Calibration Water Tank
APS Aluminum Calibrator Sleeve

APH - AC 152
SFT - 178 1
SFT - 281 1

Accelerator–Porosity Tool Wellsite Calibration														
Detector Background														
Phase	Near Det Bkg Cntrate CPS			Value	Phase	Far Det Bkg Cntrate CPS			Value	Phase	Array–1 Det Bkg Cntrate CPS			Value
Master				26.04	Master				24.58	Master				23.51
Before				26.69	Before				24.45	Before				24.92
After				26.47	After				23.80	After				23.86
1.000 (Minimum)					1.000 (Minimum)					1.000 (Minimum)				
30.00 (Nominal)					30.00 (Nominal)					30.00 (Nominal)				
50.00 (Maximum)					50.00 (Maximum)					50.00 (Maximum)				
Phase	Array–2 Det Bkg Cntrate CPS			Value	Phase	Array Therm Det Bkg Cntrate CPS			Value					
Master				24.23	Master				25.48					
Before				24.81	Before				25.09					
After				24.47	After				23.39					
1.000 (Minimum)					1.000 (Minimum)									
30.00 (Nominal)					30.00 (Nominal)									
50.00 (Maximum)					50.00 (Maximum)									
Master: Calibration out of date 4–Oct–2022 19:31 Before: 9–Aug–2023 9:10 After: 9–Aug–2023 17:49														

Accelerator-Porosity Tool Wellsite Calibration											
Calibration Ratios											
Phase	Near/Far Calibration Ratio		Value	Phase	Near/Array Calibration Ratio		Value	Phase	Near/Array Cal Ratio Up/Down		Value
Master			0.9403	Master			1.082	Master			1.013
0.8000 (Minimum)				0.9000 (Minimum)				0.9700 (Minimum)			
0.9250 (Nominal)				1.030 (Nominal)				1.000 (Nominal)			
1.050 (Maximum)				1.170 (Maximum)				1.030 (Maximum)			
Master: Calibration out of date 4-Oct-2022 19:31											

Accelerator-Porosity Tool Wellsite Calibration														
Tank Check														
Phase	Array-1 Standoff Porosity PU			Value	Phase	Array-2 Standoff Porosity PU			Value	Phase	Average Slowing Down Time US			Value
Master				10.96	Master				10.47	Master				6.000
9.900 (Minimum)					11.75 (Nominal)					13.60 (Maximum)				
9.900 (Minimum)					11.75 (Nominal)					5.500 (Minimum)				
11.75 (Nominal)					13.60 (Maximum)					6.000 (Nominal)				
13.60 (Maximum)					13.60 (Maximum)					6.250 (Maximum)				
Phase	Array-1 SDT Ratio Up/Down			Value	Phase	Array-2 SDT Ratio Up/Down			Value	Phase	Sigma Formation CU			Value
Master				0.9838	Master				0.9665	Master				27.92
0.9500 (Minimum)					1.000 (Nominal)					1.050 (Maximum)				
0.9500 (Minimum)					1.000 (Nominal)					20.00 (Minimum)				
1.000 (Nominal)					1.050 (Maximum)					27.50 (Nominal)				
1.050 (Maximum)					1.050 (Maximum)					35.00 (Maximum)				
Master: Calibration out of date 4-Oct-2022 19:31														

Hostile Natural Gamma Ray Cartridge - B / Equipment Identification

Primary Equipment:
HNGC Cartridge

HNGC - B 351

Auxiliary Equipment:
HNGC Housing

HNGH - A 4124

Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:
HNGS Sonde

HNGS - BA 99

Auxiliary Equipment:
HNGS Sonde Housing
Gamma Source Radioactive

HNSH - BA 102
GSR - U 135




Detector 1 Check

Na 511 Peak Loc			Value	Na 511 Peak Res %			Value	High Voltage V			Value
Master		38.77	Master		16.72	Master		1244			
Before		39.58	Before		16.43	Before		1193			
After		39.56	After		15.98	After		1199			
37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)			12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)			900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)					
Na 1785 Peak Loc			Value	Na 1785 Peak Res %			Value	Temperature DEGC			Value
Master		138.9	Master		9.548	Master		25.51			
Before		143.0	Before		8.640	Before		18.92			
After		142.6	After		8.347	After		20.15			
135.0 (Minimum) 142.6 (Nominal) 150.3 (Maximum)			7.000 (Minimum) 8.500 (Nominal) 11.00 (Maximum)			-28.89 (Minimum) 15.50 (Nominal) 60.00 (Maximum)					
Na Count Rate CPS			Value								
Master		47.77									
Before		43.51									
After		44.25									
10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)											
Master: Calibration out of date 18-Apr-2023 21:32				Before: 9-Aug-2023 9:13				After: 9-Aug-2023 18:54			

Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 2 Check

Na 511 Peak Loc			Value	Na 511 Peak Res %			Value	High Voltage V			Value
Master			40.77	Master			15.42	Master			1160
Before			39.67	Before			15.46	Before			1075
After			39.50	After			16.11	After			1080
37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)				12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)				900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)			
Na 1785 Peak Loc			Value	Na 1785 Peak Res %			Value	Temperature DEGC			Value
Master			144.4	Master			8.555	Master			26.63
Before			142.6	Before			9.038	Before			18.42
After			142.3	After			8.577	After			20.90
135.0 (Minimum) 142.6 (Nominal) 150.3 (Maximum)				7.000 (Minimum) 8.500 (Nominal) 11.00 (Maximum)				-28.89 (Minimum) 15.50 (Nominal) 60.00 (Maximum)			
Na Count Rate CPS			Value								
Master			48.78								
Before			43.50								
After			44.34								
10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)											
Master: Calibration out of date 18-Apr-2023 21:32				Before: 9-Aug-2023 9:13				After: 9-Aug-2023 18:54			

Hostile Natural Gamma Ray Sonde Wellsite Calibration			
Ratio Of Detector 1 To Detector 2			
Phase	Coincidence Count Rate Ratio	Value	
Master		0.9755	
Before		0.9995	
After		0.9956	
	0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)
Master: Calibration out of date 18-Apr-2023 21:32			
Before: 9-Aug-2023 9:13			
After: 9-Aug-2023 18:54			

Primary Equipment:
EDTC Gamma Ray Detector
Enhanced DTS Cartridge

EDTG – A/B
EDTC – B


Auxiliary Equipment:
EDTC Housing

EDTH – B

8529




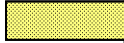
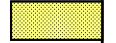
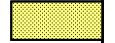
Enhanced DTS Cartridge Wellsite Calibration

EDTC Accelerometer Calibration

Phase	EDTC Z-Axis Acceleration M/S2	Value
Before		9.864
	9.610 (Minimum) 9.810 (Nominal) 10.01 (Maximum)	
Before: 9-Aug-2023 10:34		

Enhanced DTS Cartridge Wellsite Calibration

Detector Calibration

Phase	Gamma Ray Background GAPI	Value	Phase	Gamma Ray (Jig – Bkg) GAPI	Value	Phase	Gamma Ray (Calibrated) GAPI	Value
Before		1.802	Before		168.3	Before		165.0
After		7.307	After		159.4	After		156.3
	0 (Minimum) 30.00 (Nominal) 120.0 (Maximum)			153.0 (Minimum) 168.3 (Nominal) 183.6 (Maximum)			150.0 (Minimum) 165.0 (Nominal) 180.0 (Maximum)	
Before: 9-Aug-2023 9:10			After: 9-Aug-2023 18:51					

Company: International Ocean Discovery Program

Schlumberger

Well: Expedition 395, Site U1564F

Field: Reykjanes Mantle Convection and Climate

Rig: JOIDES Resolution

Country: Iceland

Ultrasonic Borehole Imager (UBI)