

Run 4

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OTHER SERVICES1
OS1: Tcombo/APS
OS2: FMS/DSI
OS3:
OS4:
OS5:

OTHER SERVICES2
OS1:
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1	
Hole drilled with RCB bottom hole assembly (BHA) at 9.875" BS	
Rotating sub "A" at 3.56" outer diameter used to fit inside 4 1/8 ID pipe.	
The "A" sub is limited to in gauge hole at near bit size of 9 7/8".	
Drill pipe set at 2469.5 mbrf.	
Fluid type was seawater displaced in the hole prior to logging.	
Depth recorded from drill floor; logs presented as--logged without depth correction.	
All logs presented in wireline measured depth below rig floor (MDBRF).	
Hole size corrections made using bit size " BS" for all passes.	
AHC used from TD then switched off to facilitate pipe entry.	
Downlog provided the fluid velocity of the mud in the hole in order to	
provide the caliper measurement at each depth. "DFVL" drilling fluid velocity	

REMARKS: RUN NUMBER 2

ctions or shifts, as per client instructions.

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

RUN 2		
SERVICE ORDER #:		
PROGRAM VERSION:		
FLUID LEVEL:		
LOGGED INTERVAL	START	STOP

RUN 1

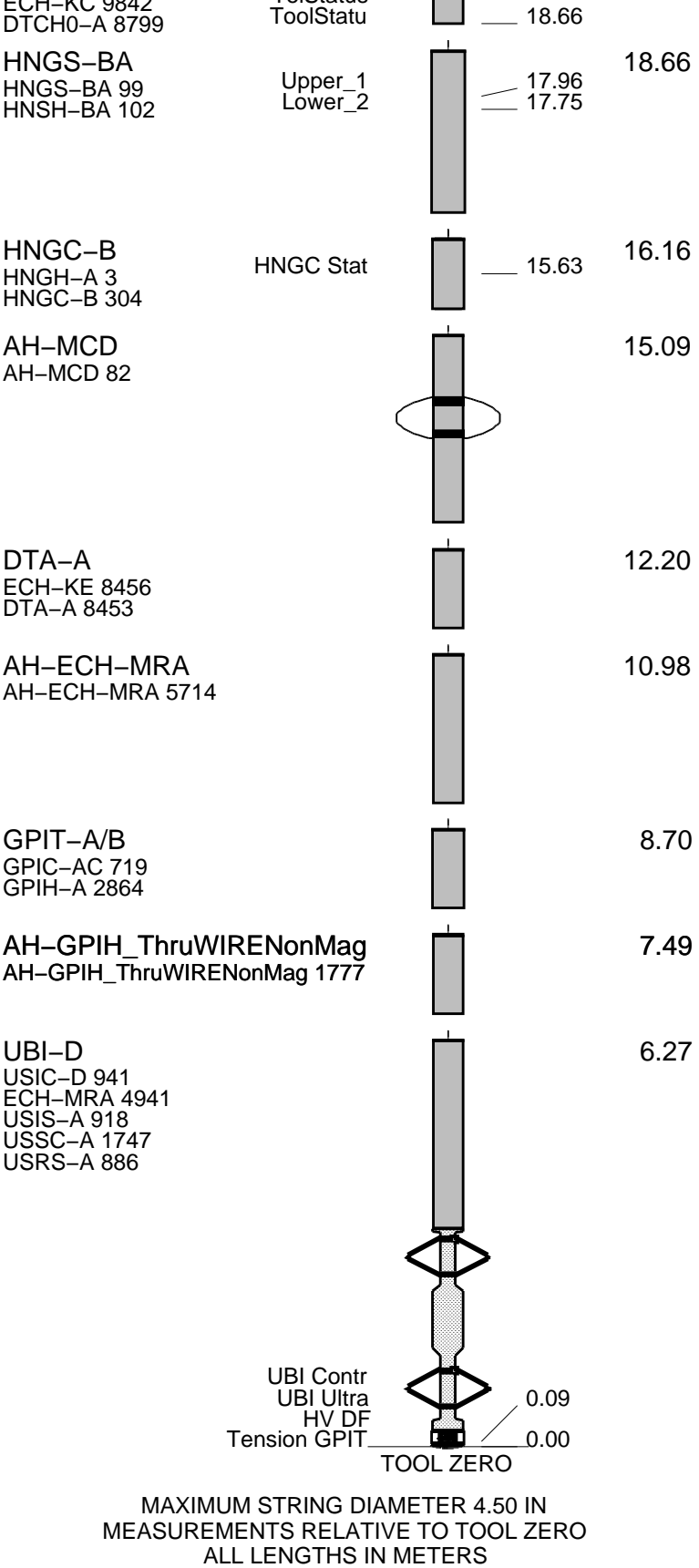
RUN 2

SURFACE EQUIPMENT

GSR-U 6098
WITM (DTS)-A 1

DOWNHOLE EQUIPMENT

Cell Line	CTEM TelStatus	CTEM TelStatus	CTEM TelStatus
LEH-QT	20.90		
LEH-QT 301			
AH-369	20.01		
DTC-H	19.57	19.29	
FCM-KC 9949			



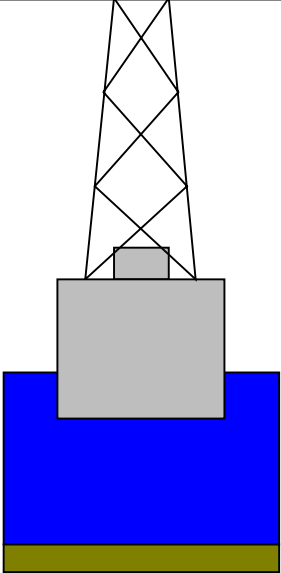
Production String	(in)	(M)	Well Schematic	(M)	(in)	Casing String
	OD	ID		MD	OD	

Kelly Bushing Elevation
Derrick Floor Elevation

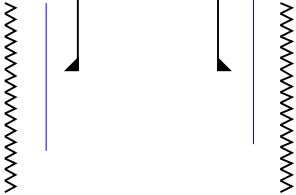
Mean Sea Level

0
0

11



4.1



1880.8 4.1
2469.5 9.875

2482.9 CSG 10 3/4"

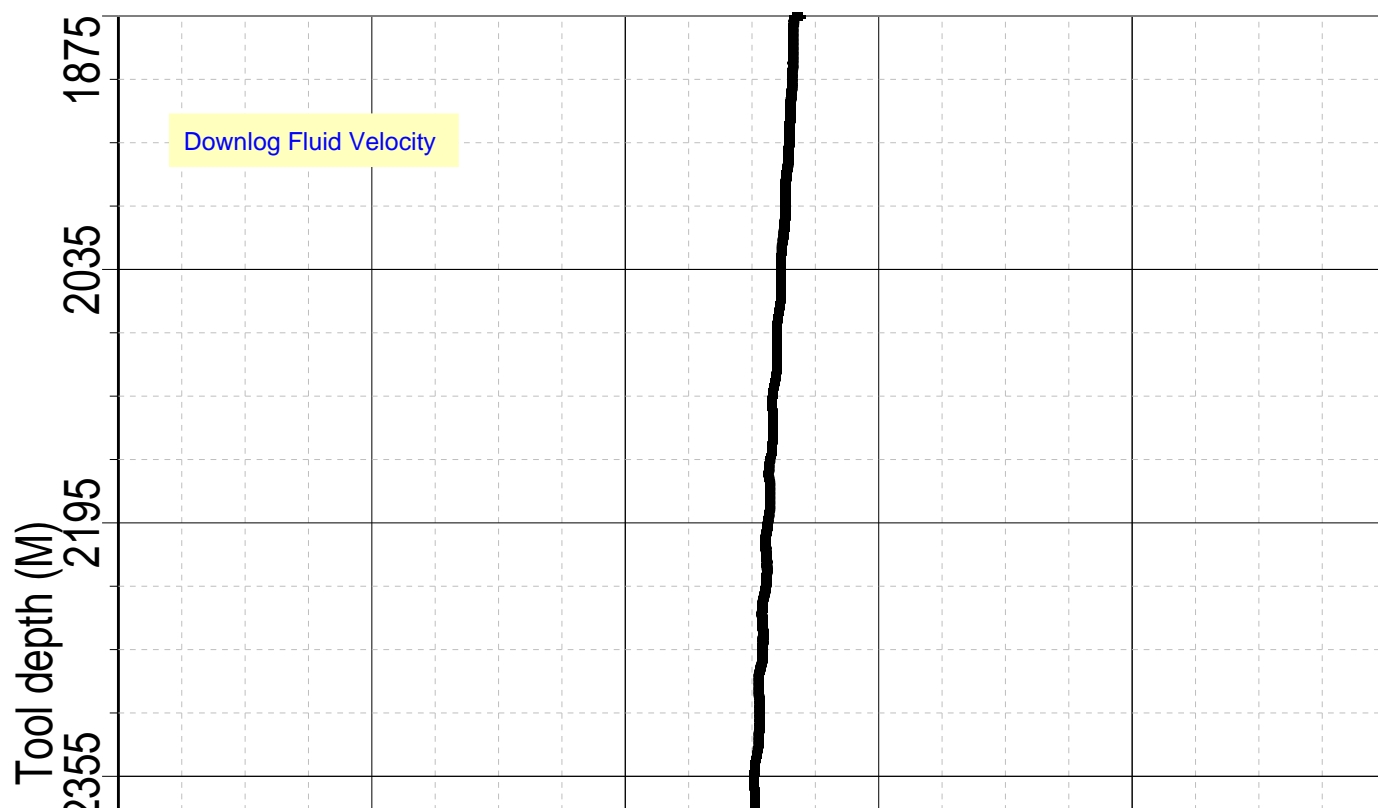
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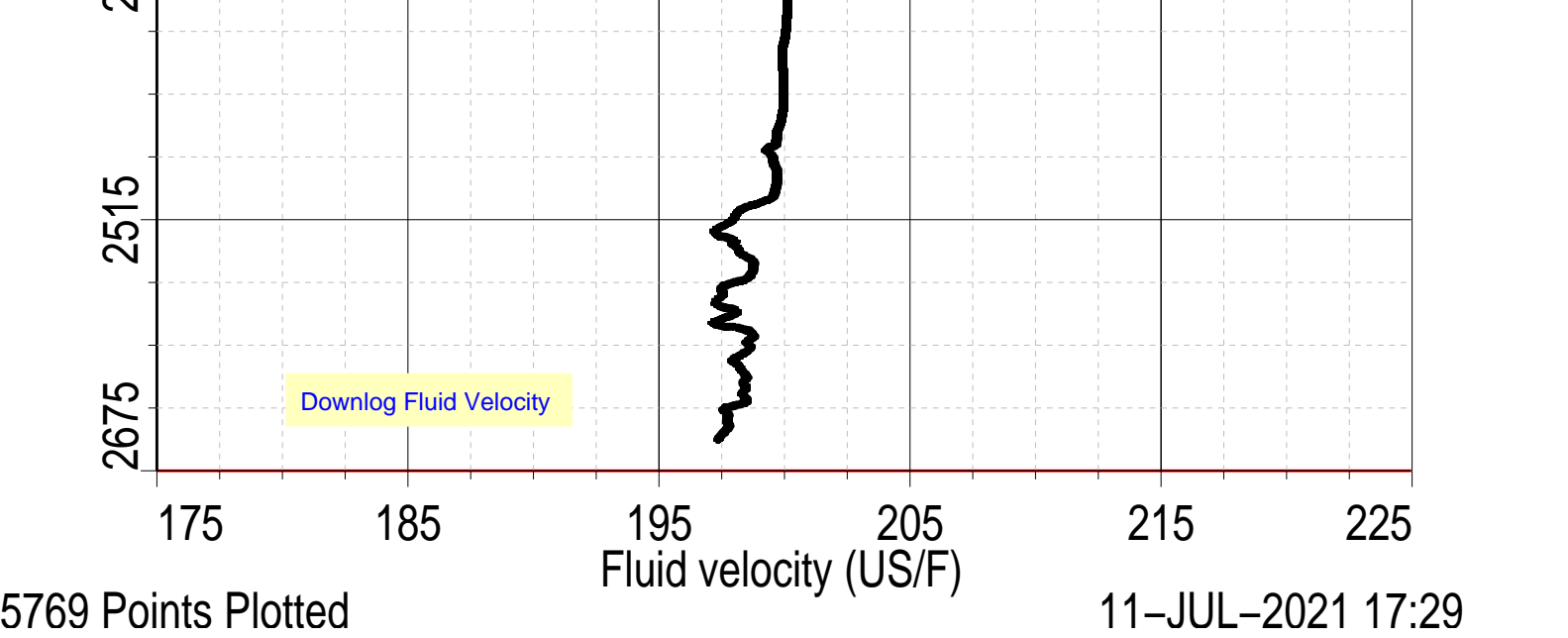
Sea Floor

Open Hole

Total Depth

Index: 2655.4 – 1776.4 M



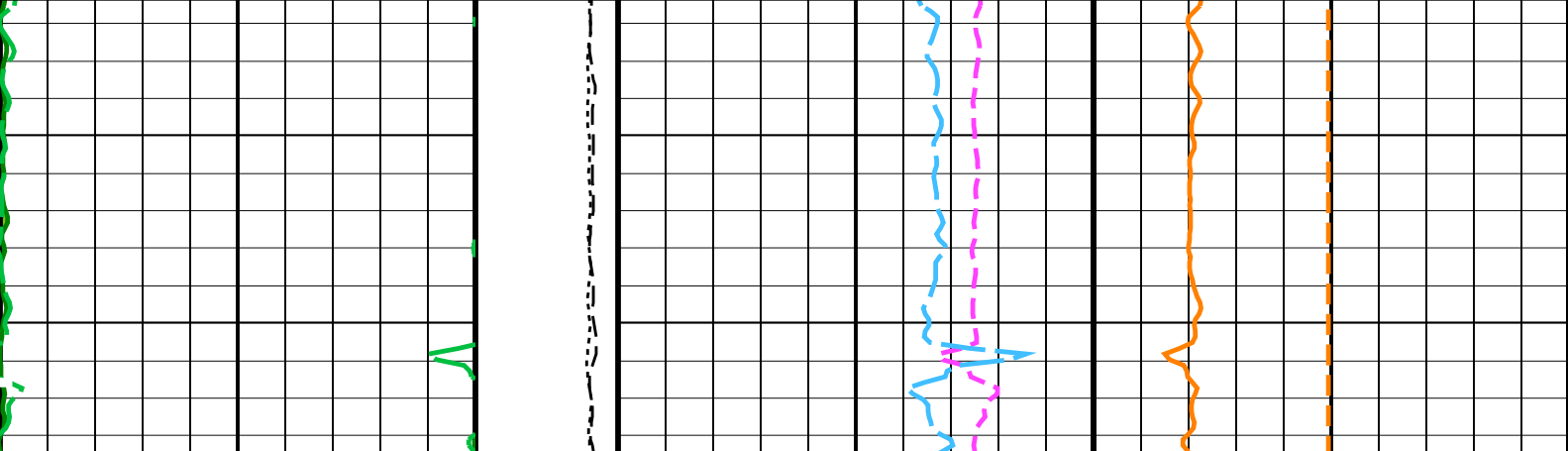


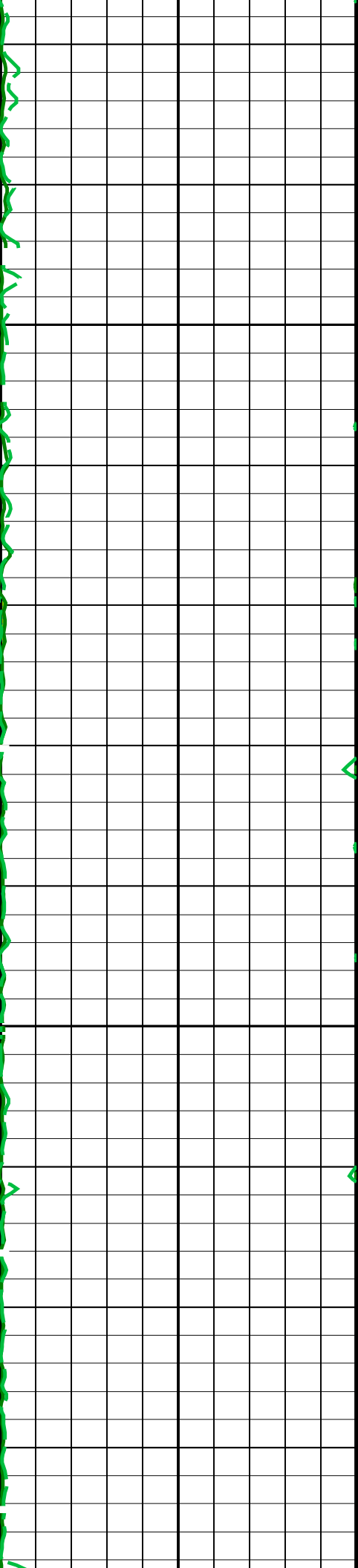
Input DLIS Files						
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Output DLIS Files						
DEFAULT	UBI_NGS_071PUP	FN:103	PRODUCER	11-Jul-2021 17:27	2655.4 M	1776.4 M
OP System Version: 19C0-187						
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187			
DTA-A	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	DTC-H	19C0-187			

PIP SUMMARY

☒ Time Mark Every 60 S

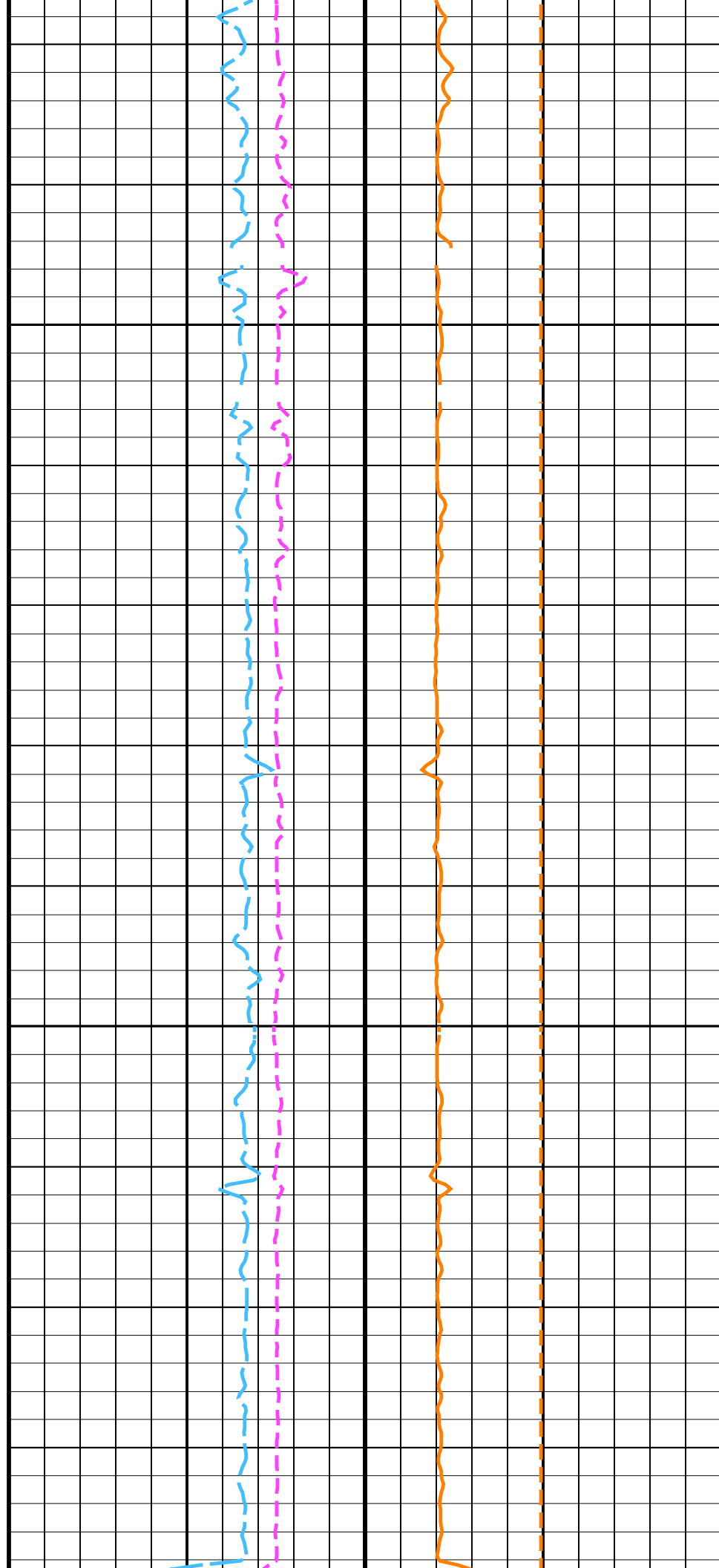
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)		Downlog	HNGS Borehole Potassium (HBHK) (-----)	
0	100		-0.05	0.05
Area1 From HCGR to HSGR		Calibrated Downhole Force (CDF) (LBF)	HNGS Uranium (HURA) (PPM)	
			-5	10
HNGS Computed Gamma Ray (HCGR) (GAPI)		Tension (TENS) (LBF)	HNGS Thorium (HTHO) (PPM)	
0	100		5	25
			HNGS Potassium (HFK) (-----)	
			-0.01	0.04

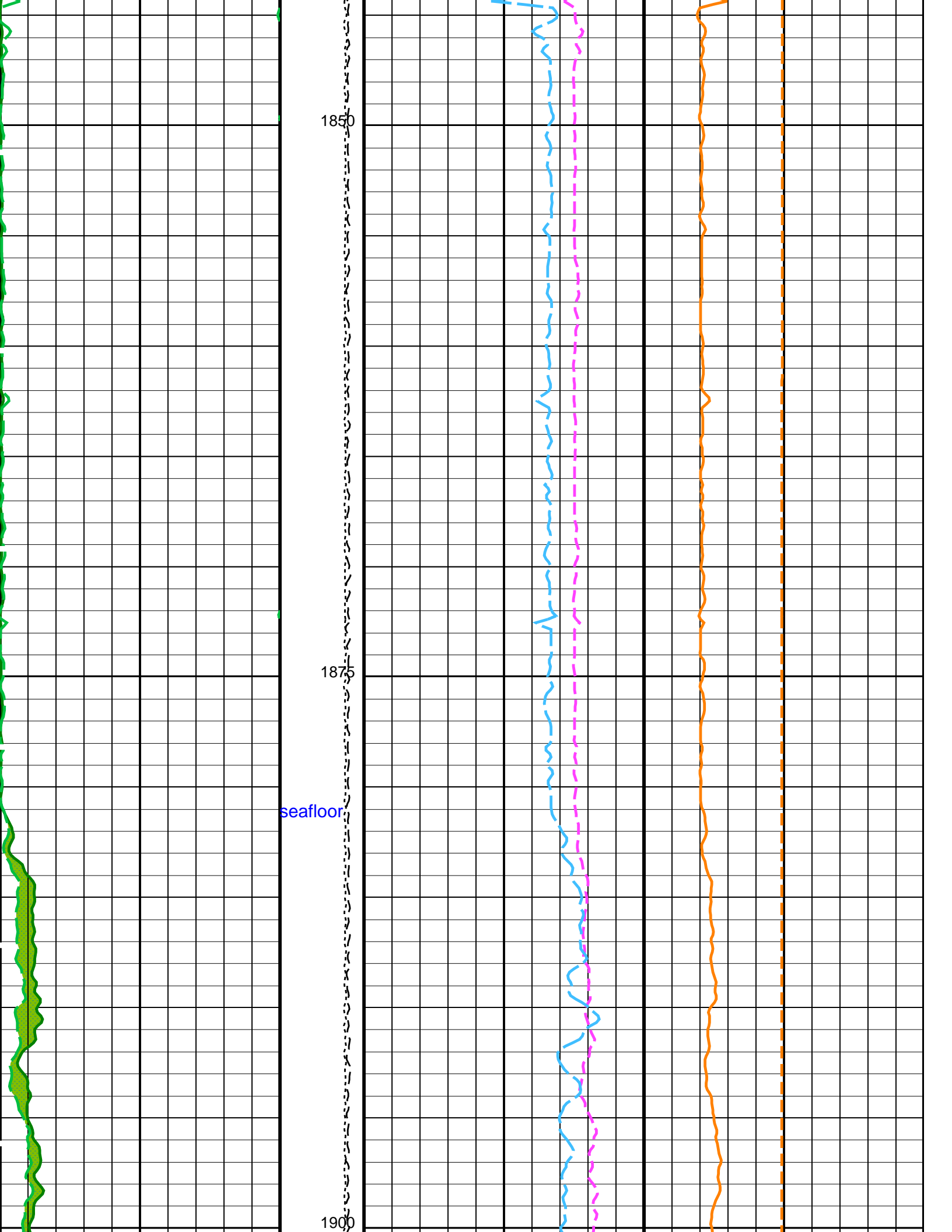


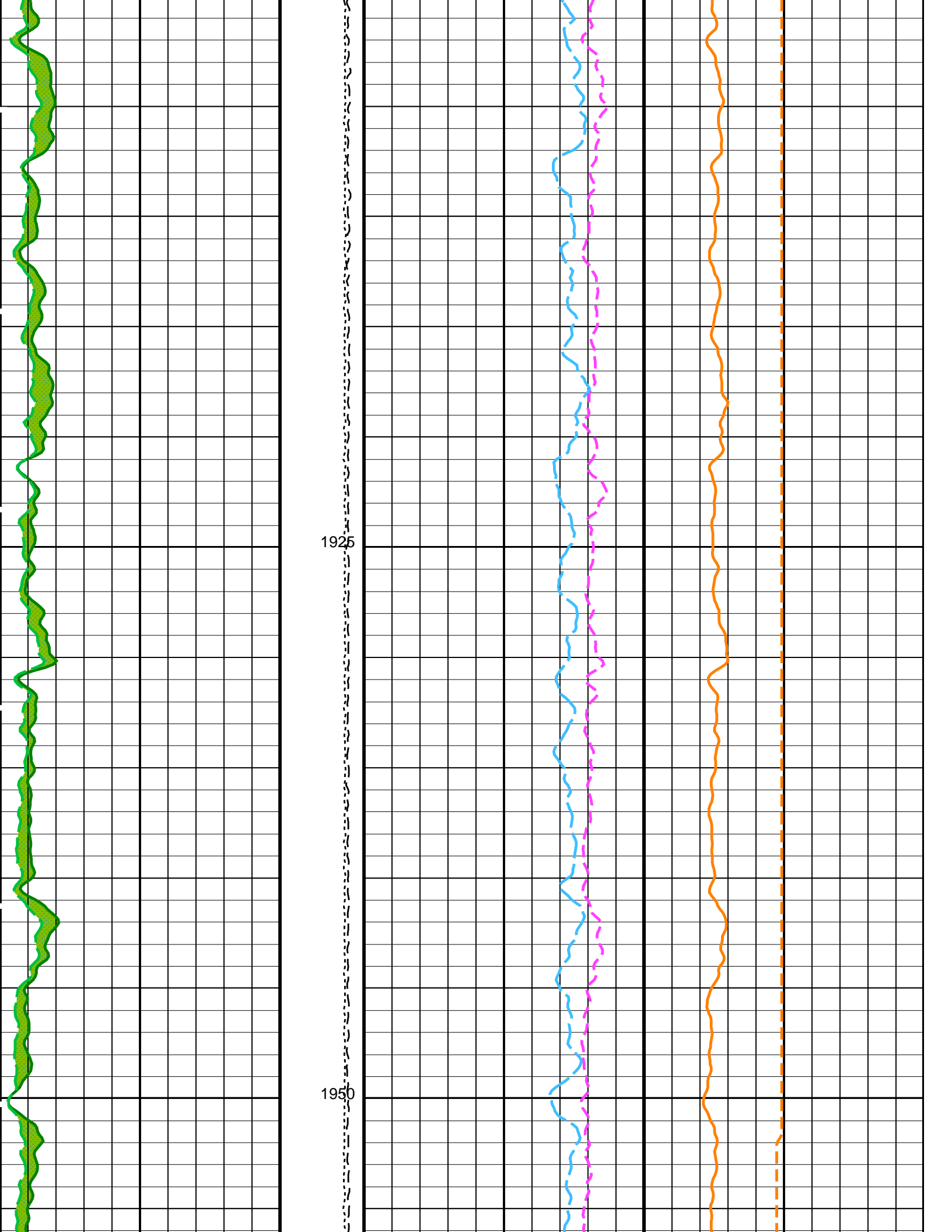


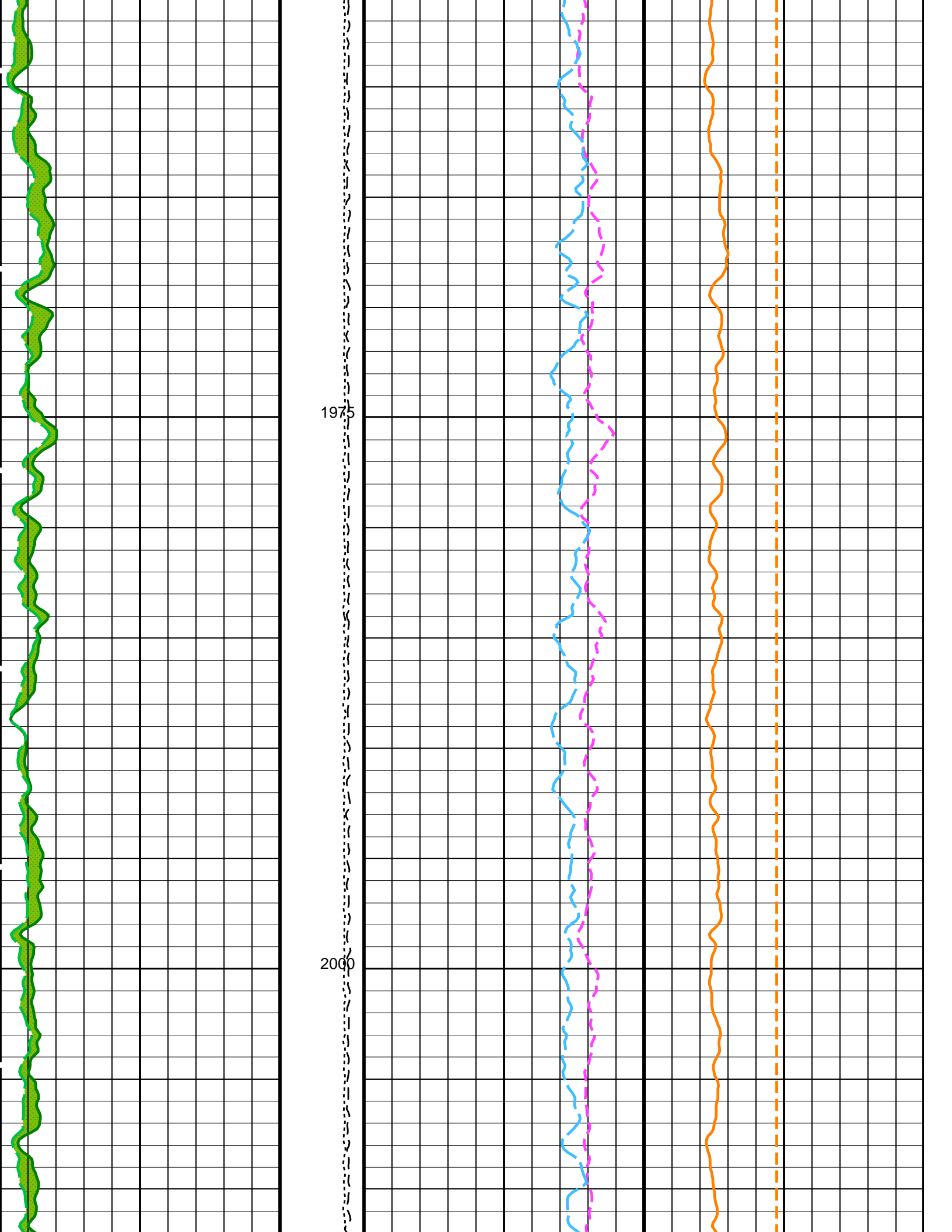
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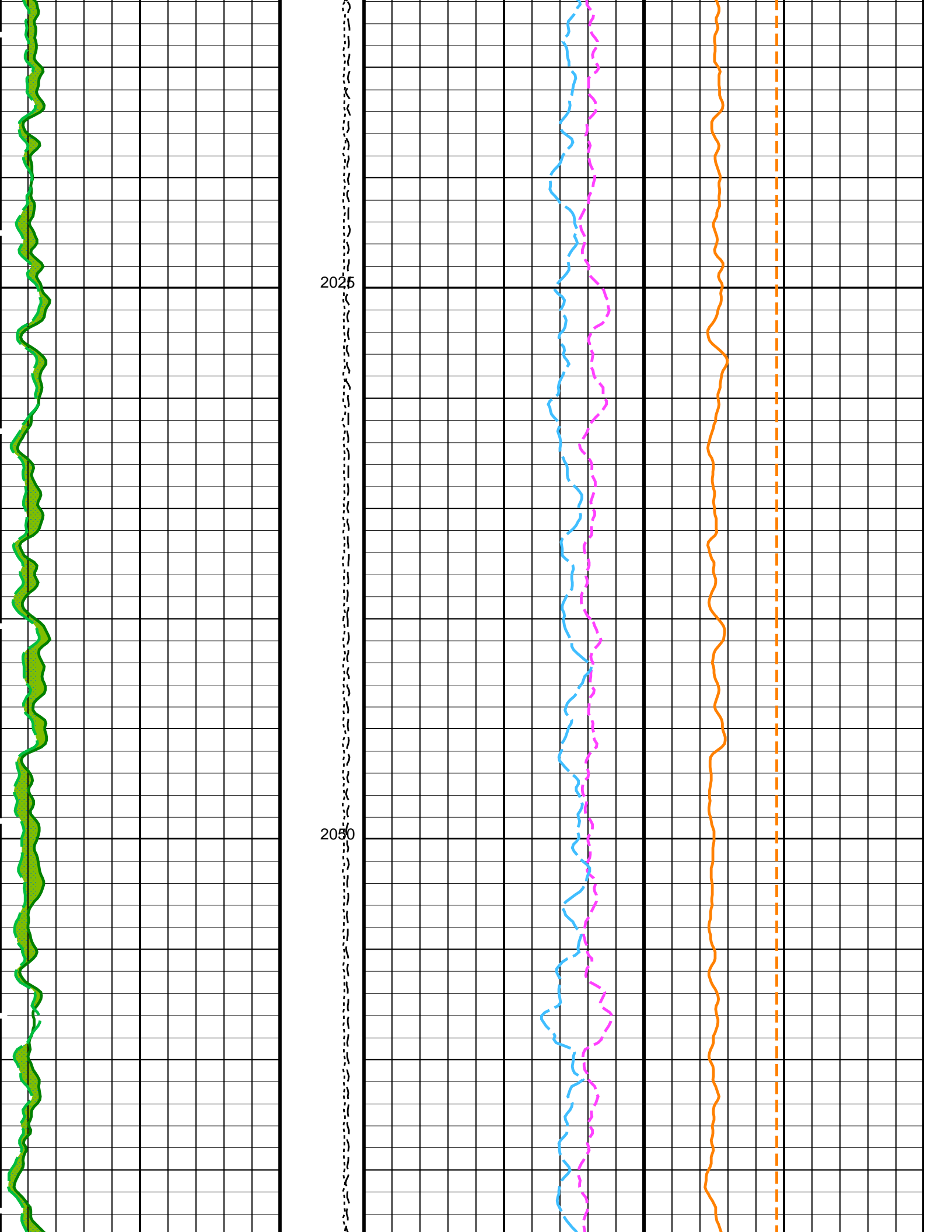
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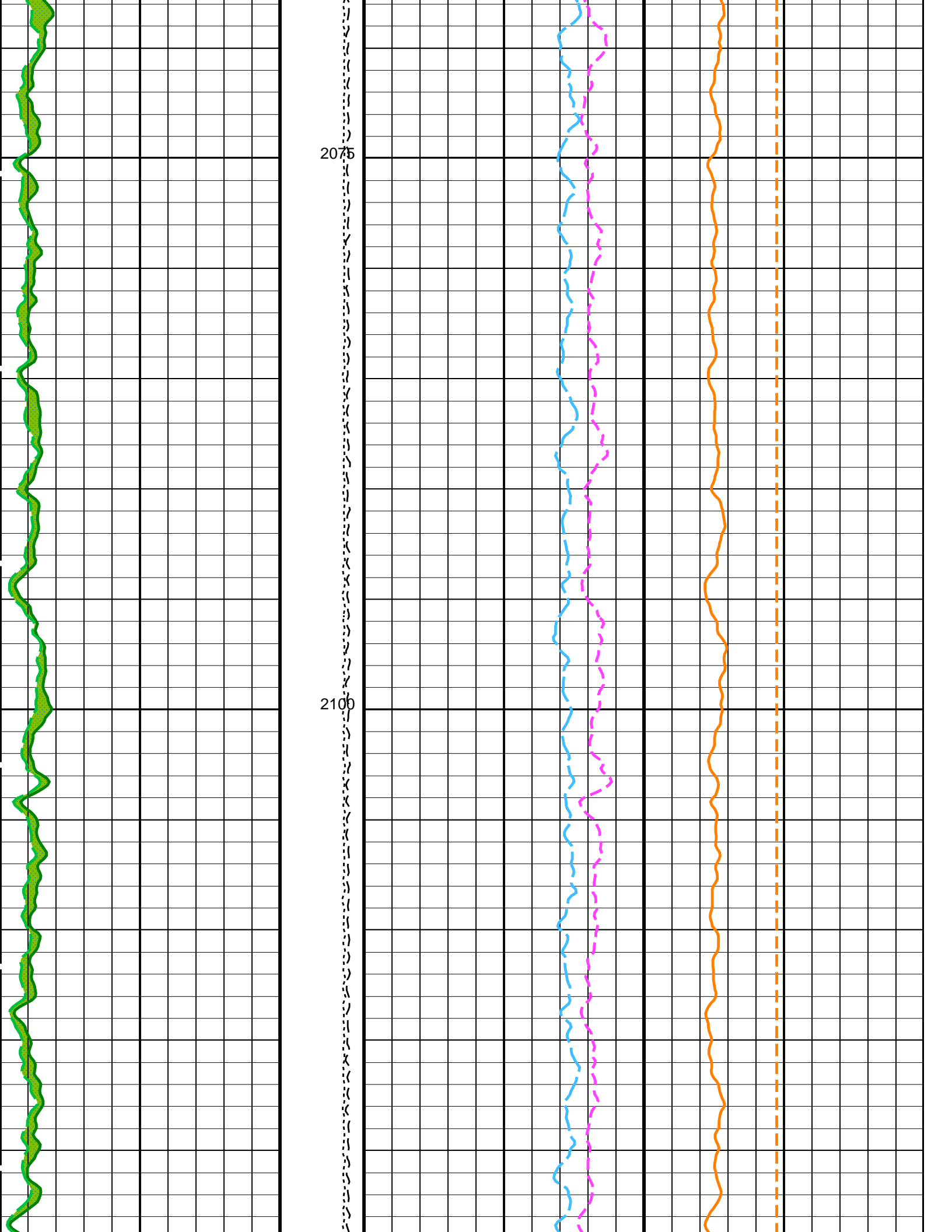


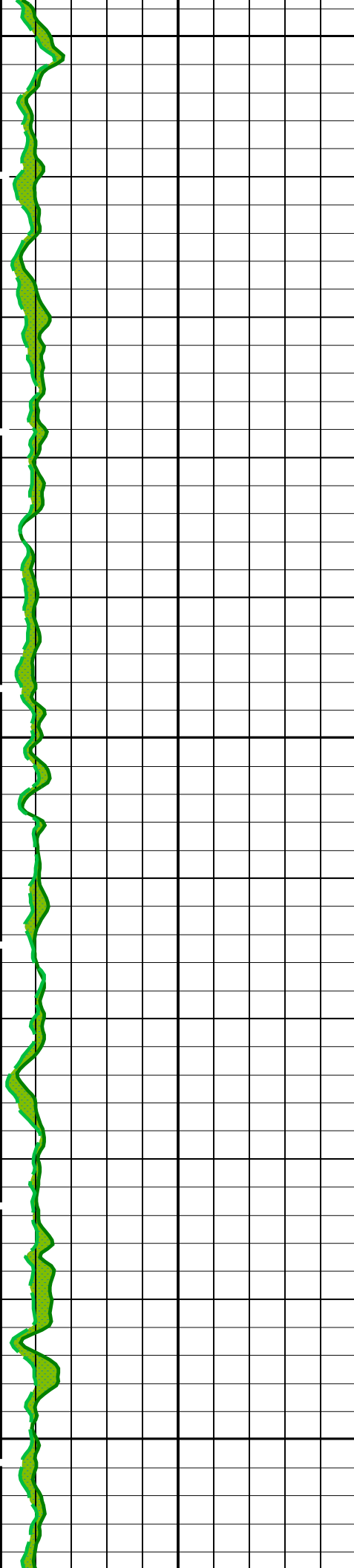




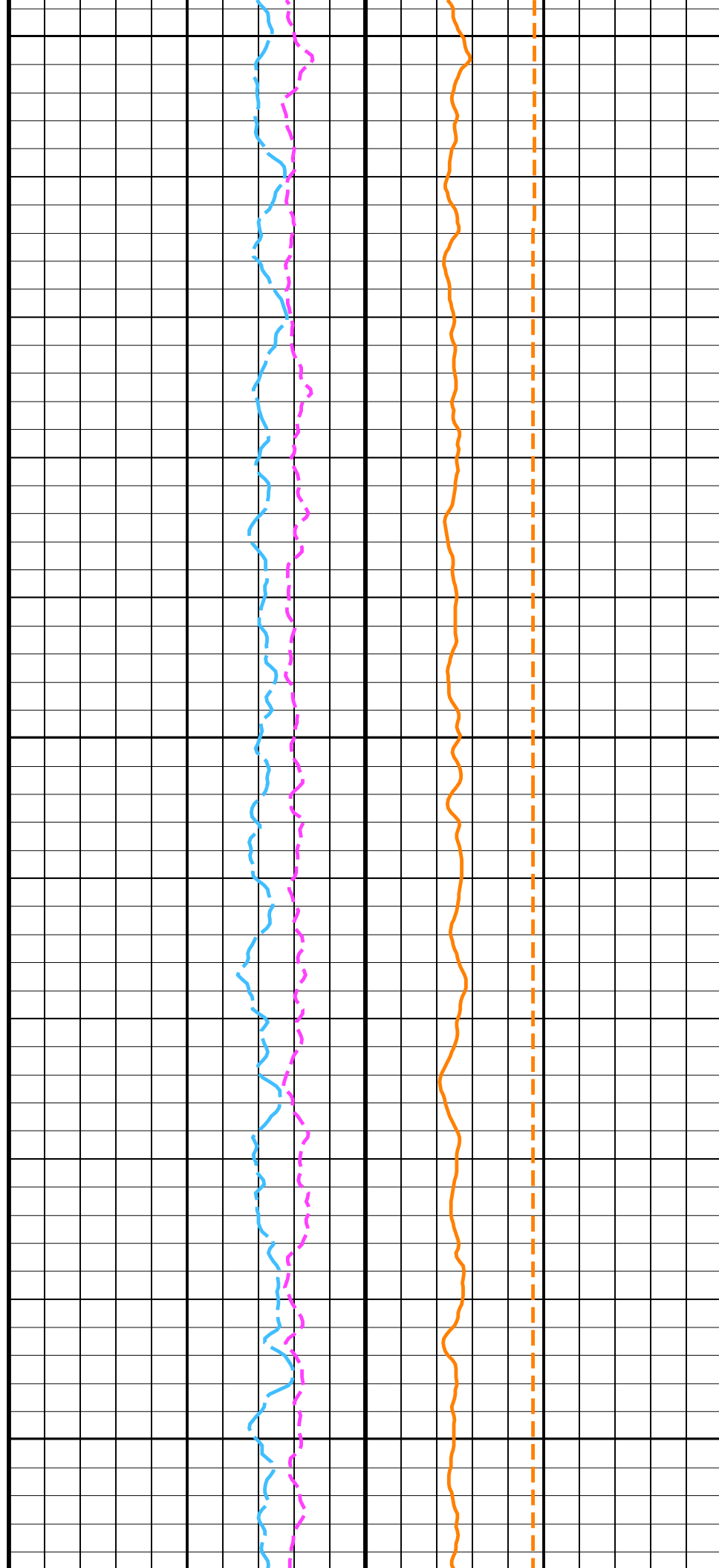


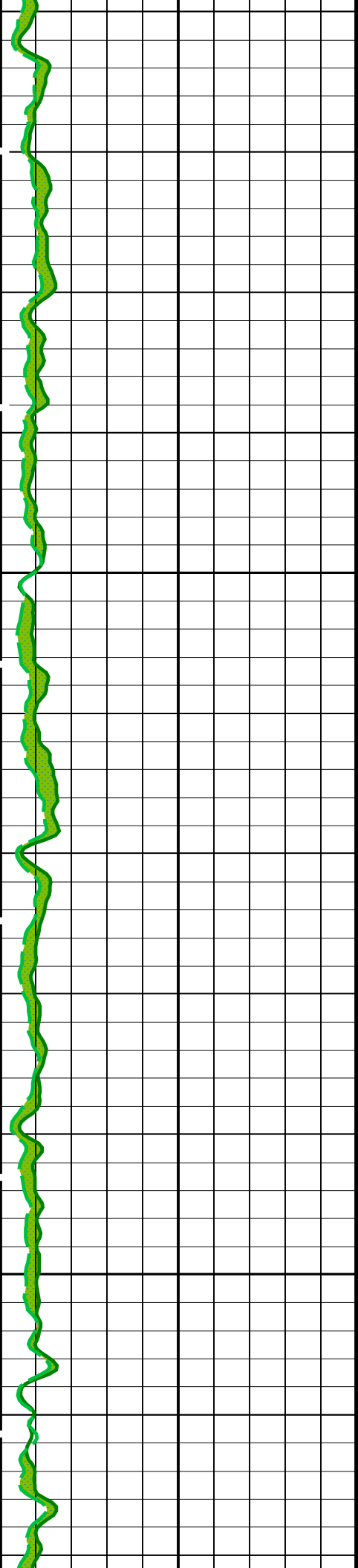




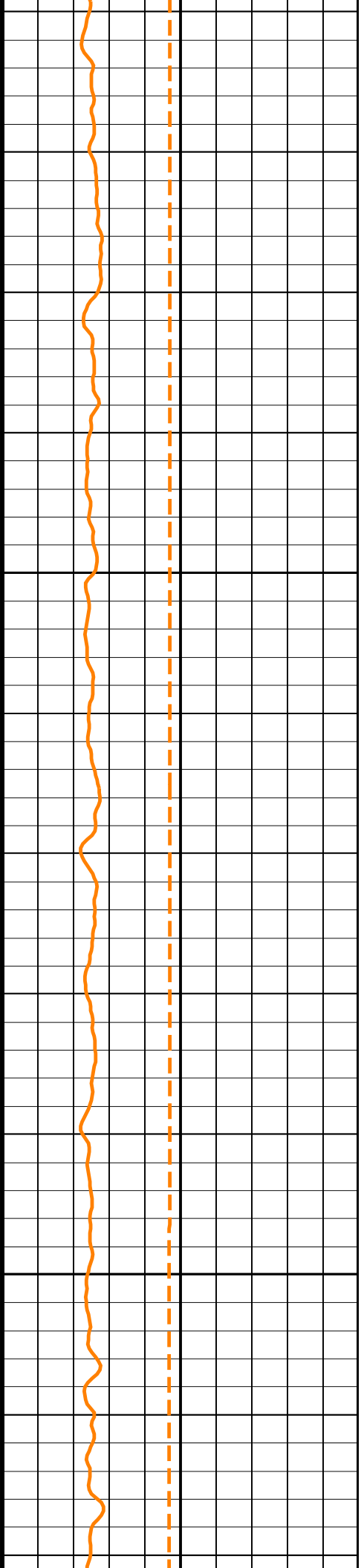
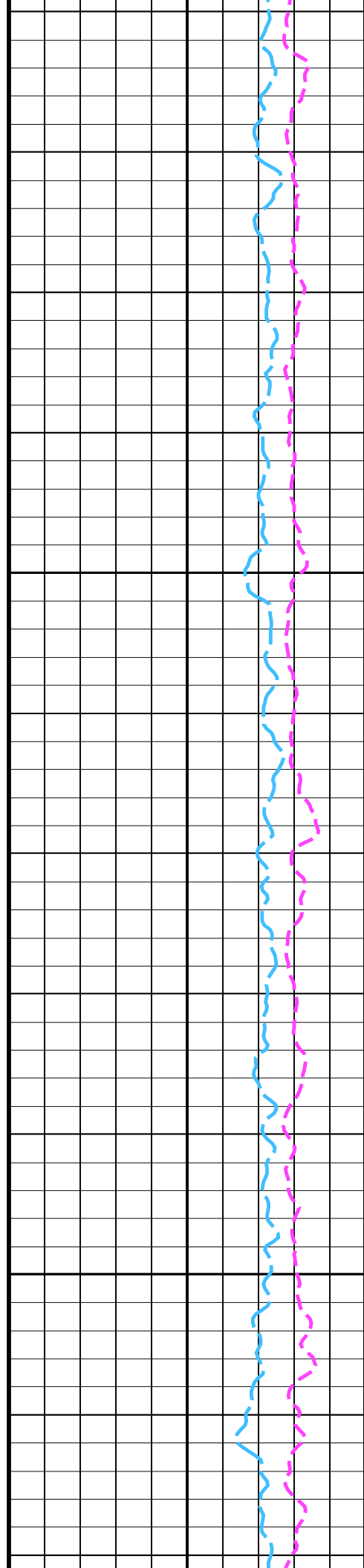


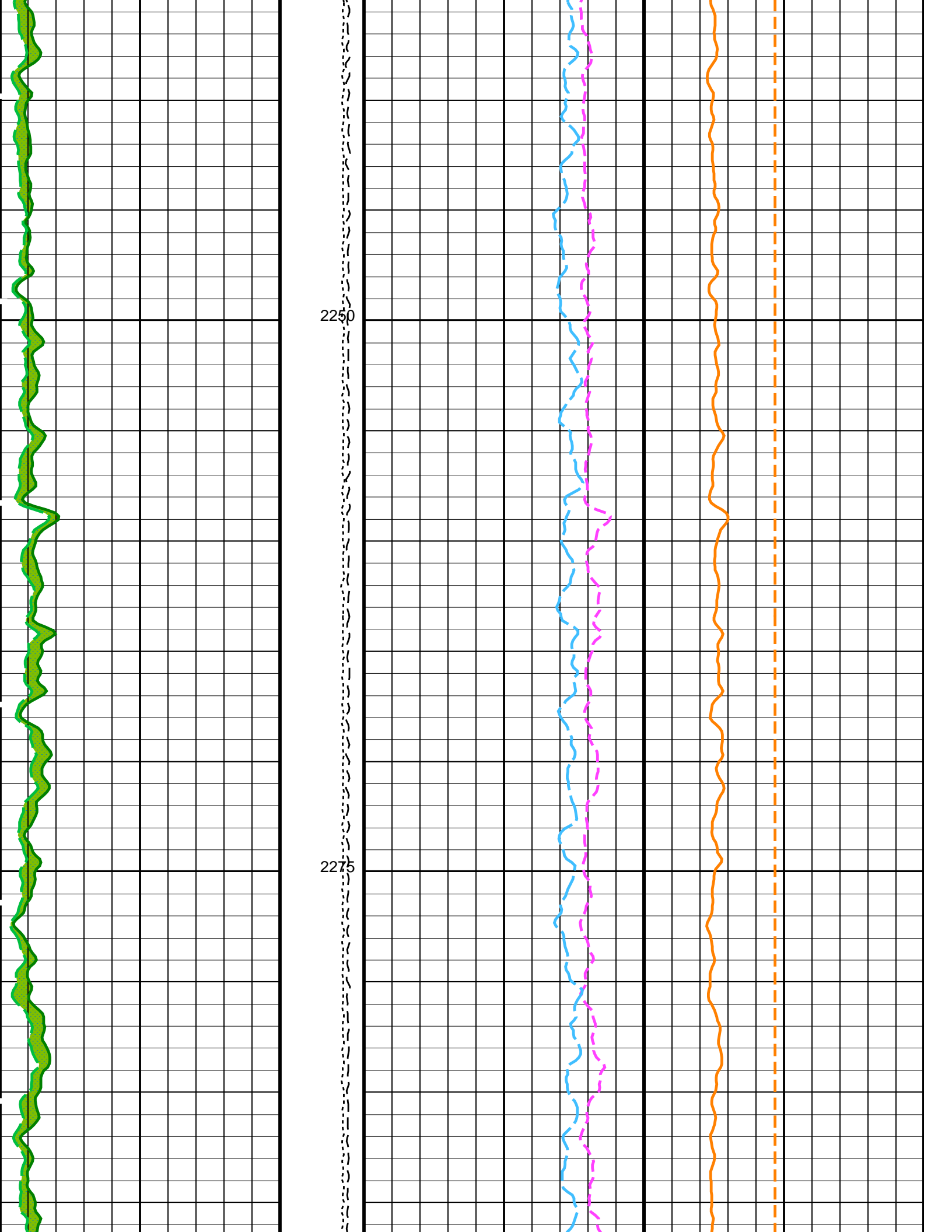
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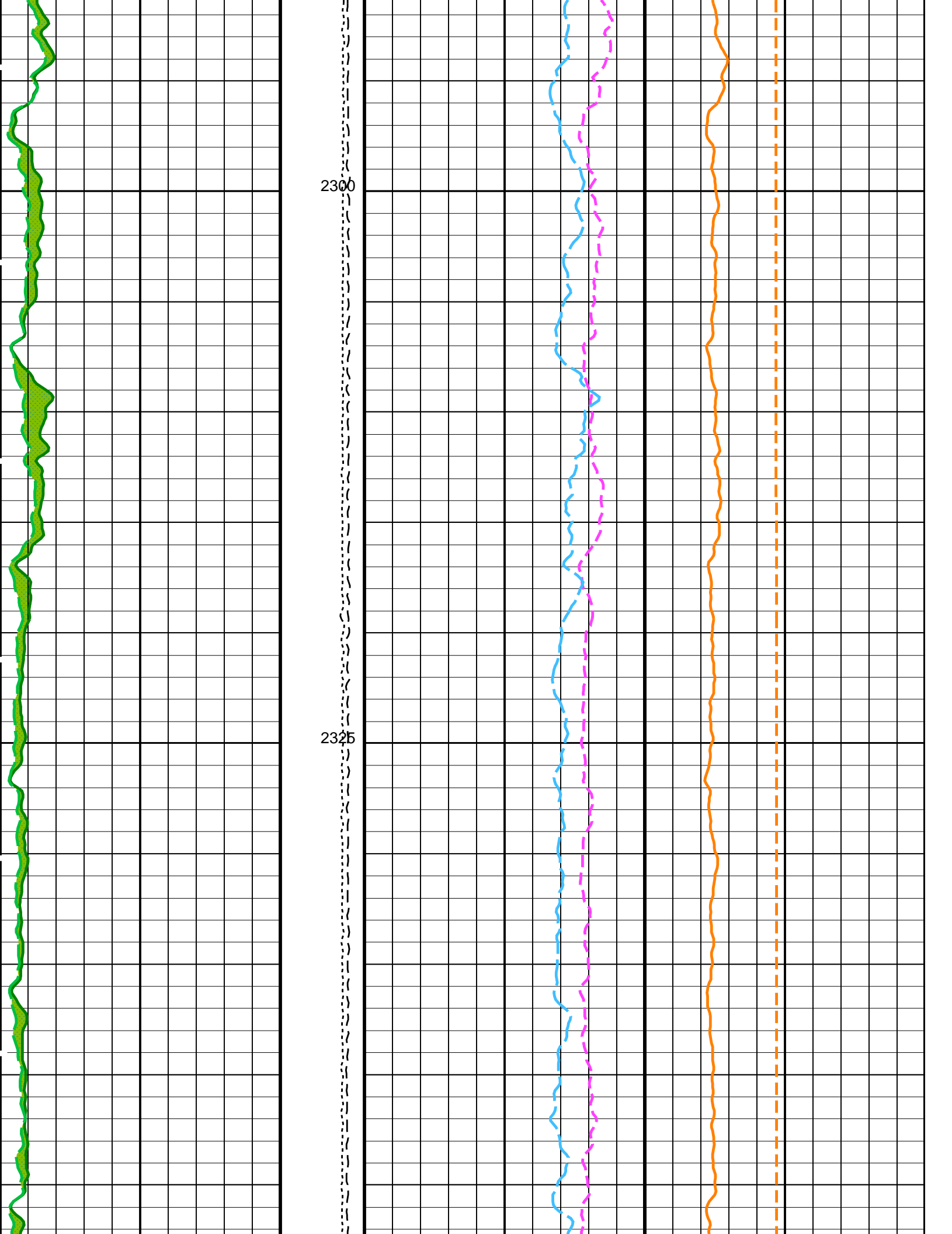


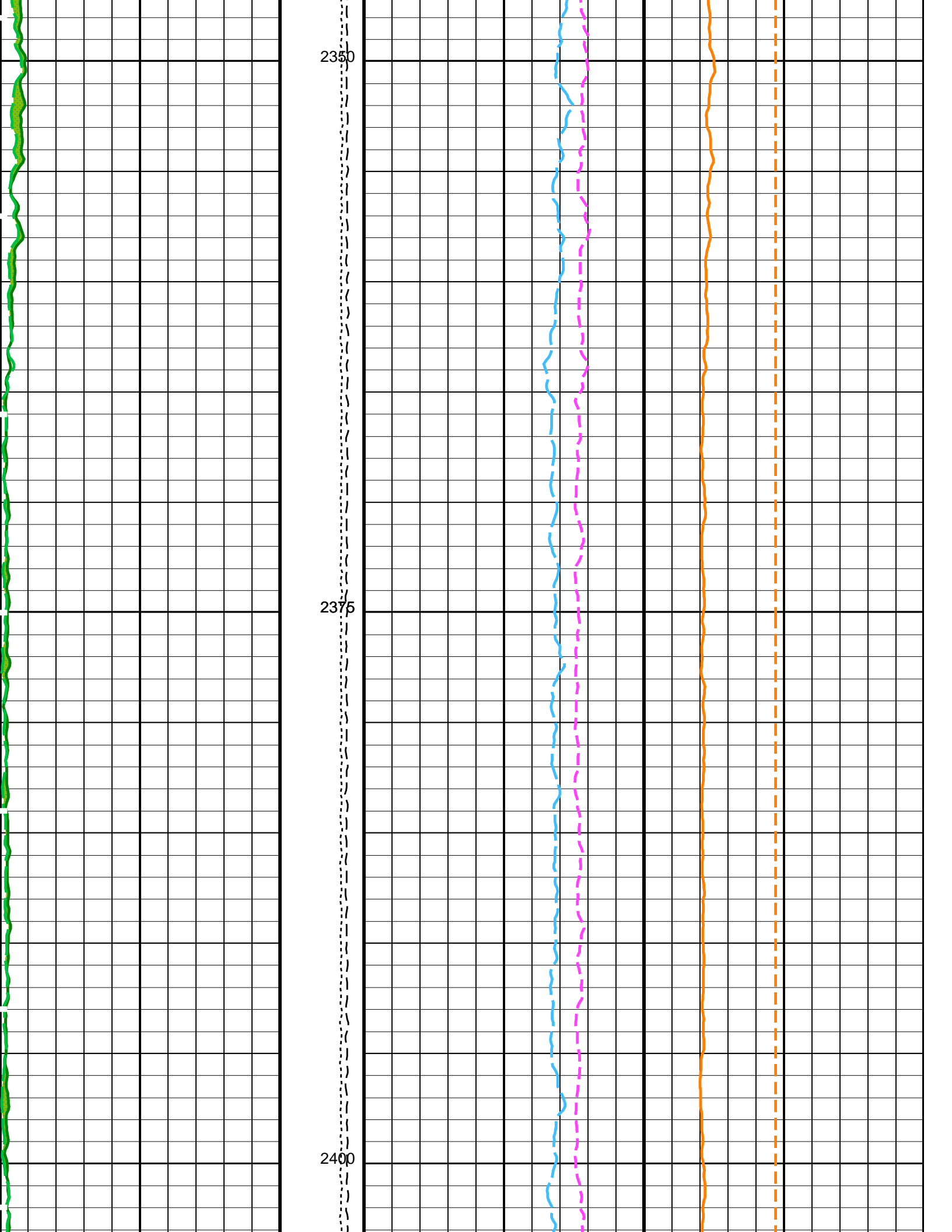


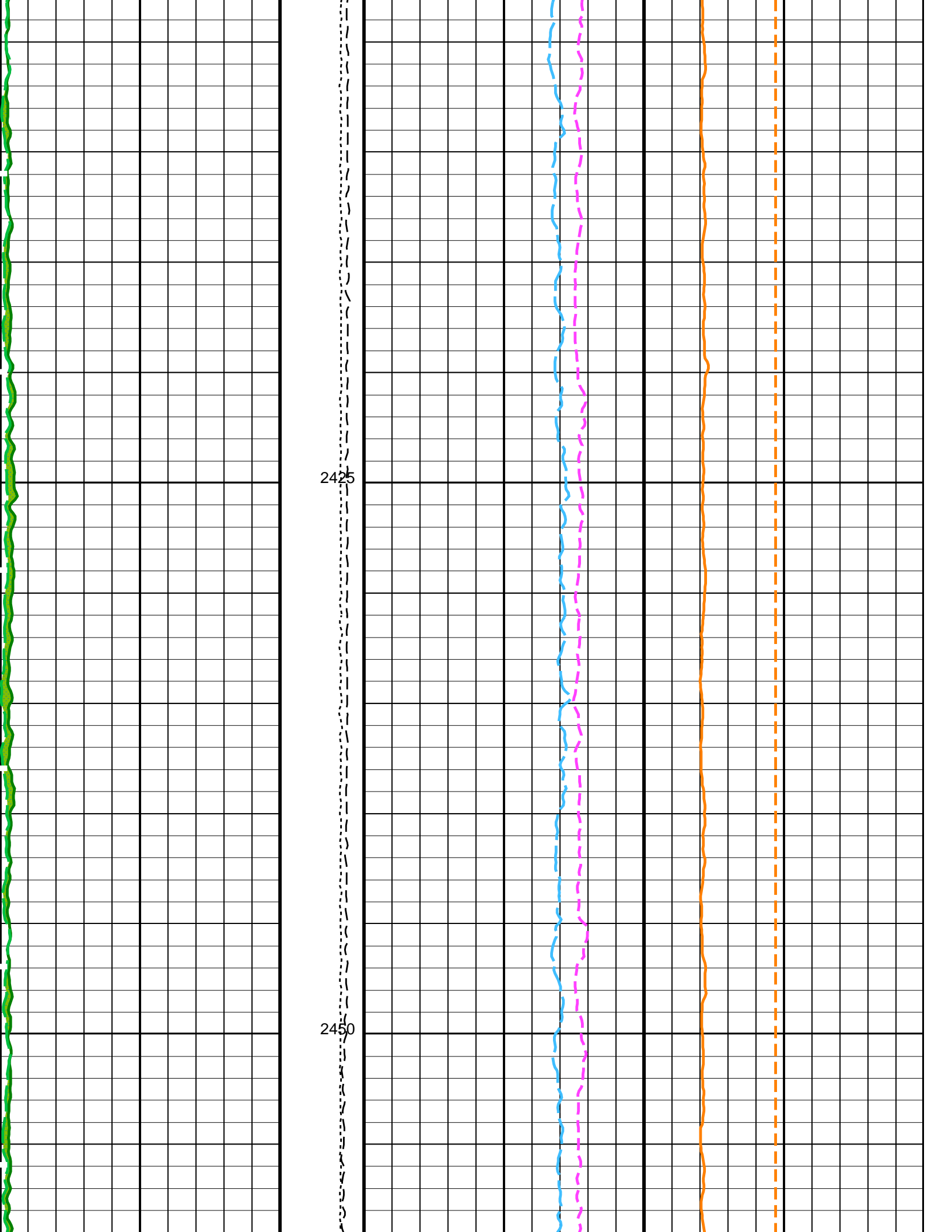
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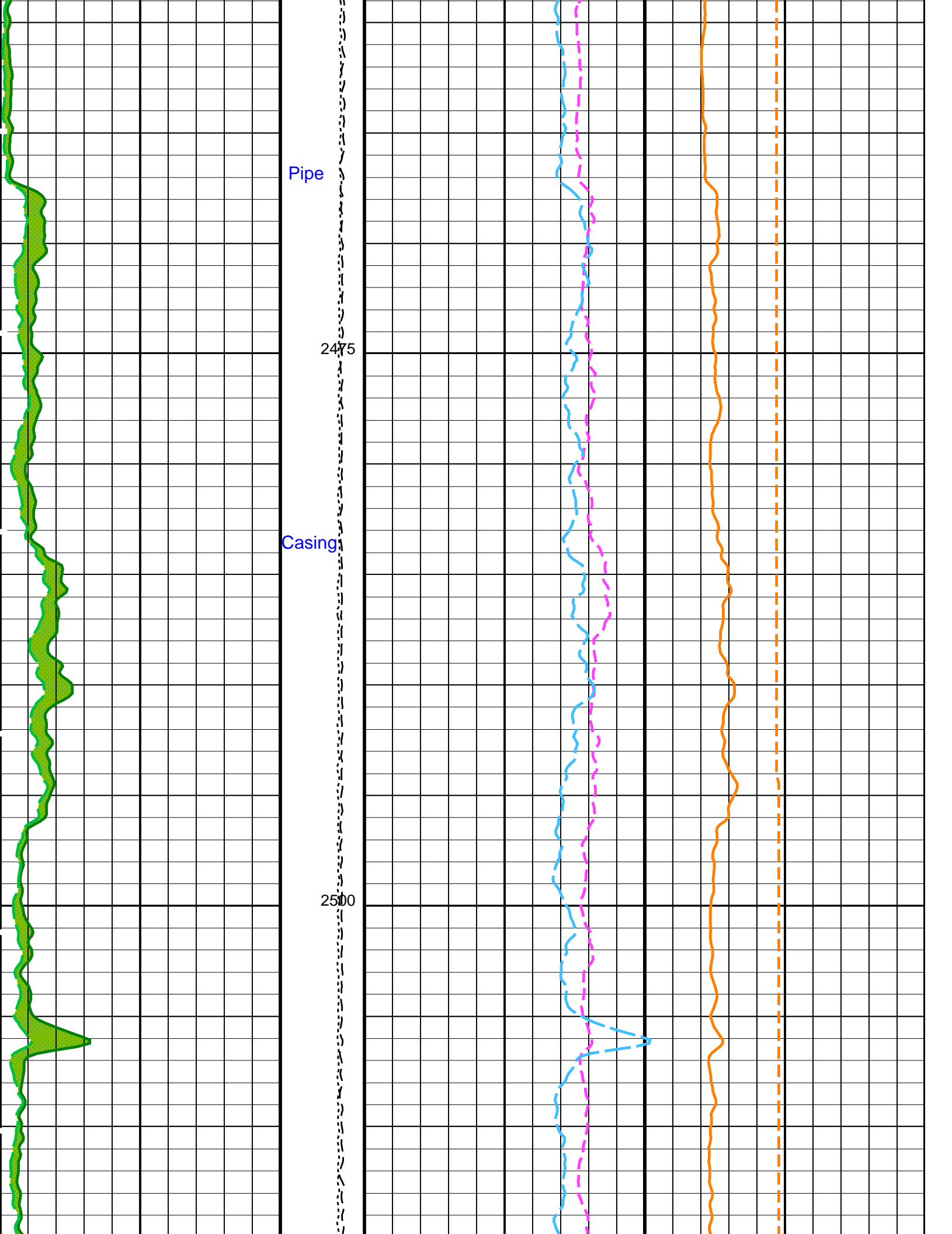


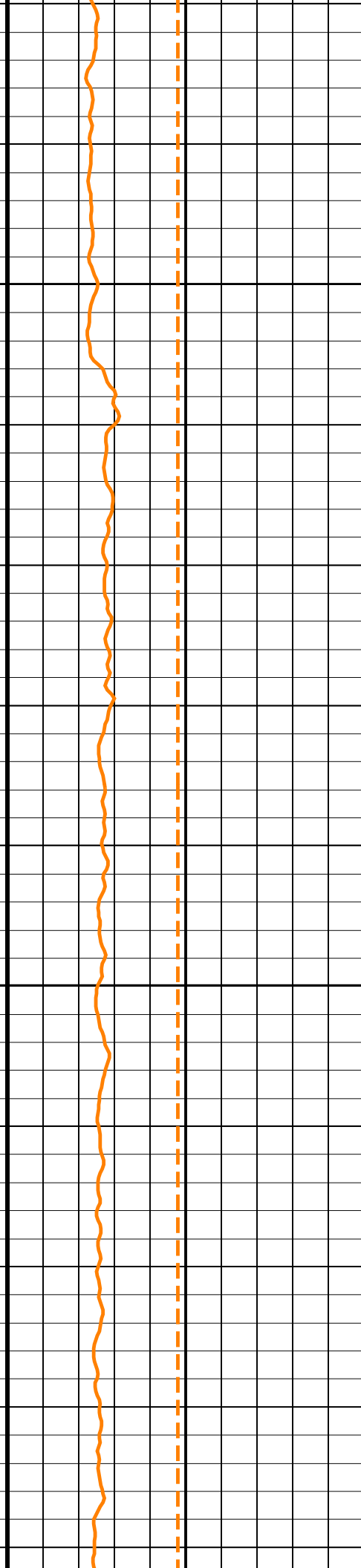
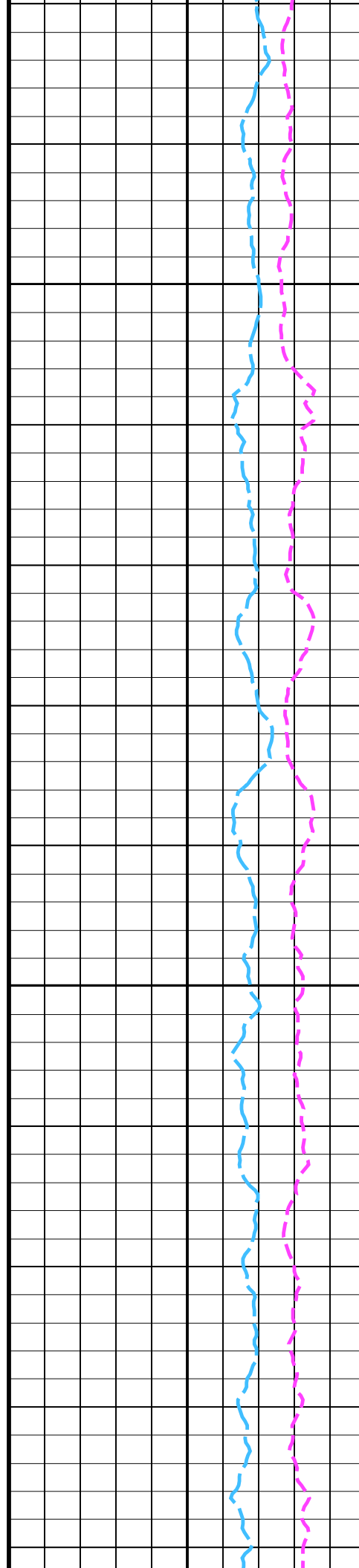
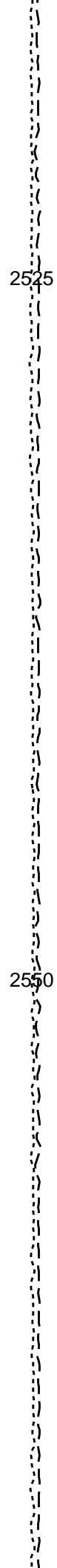
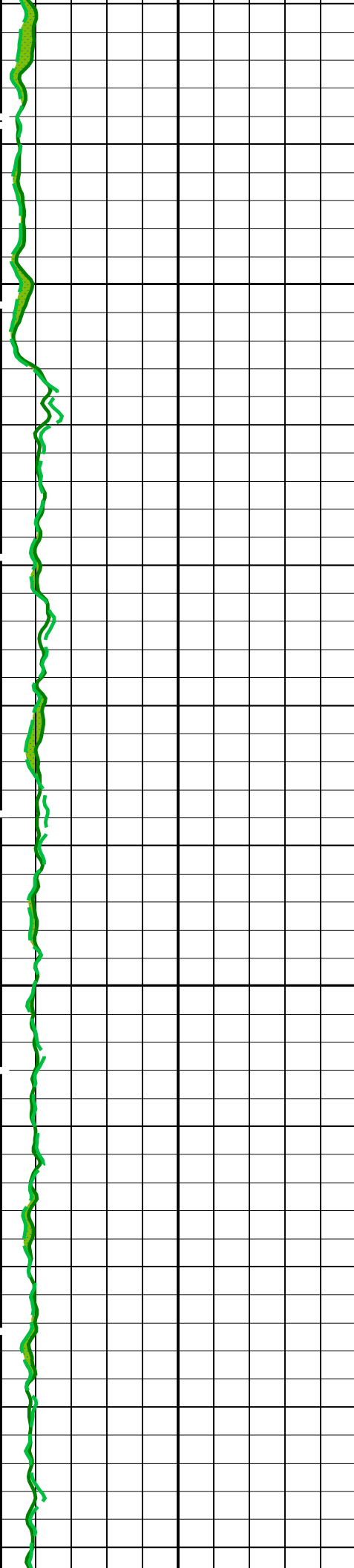


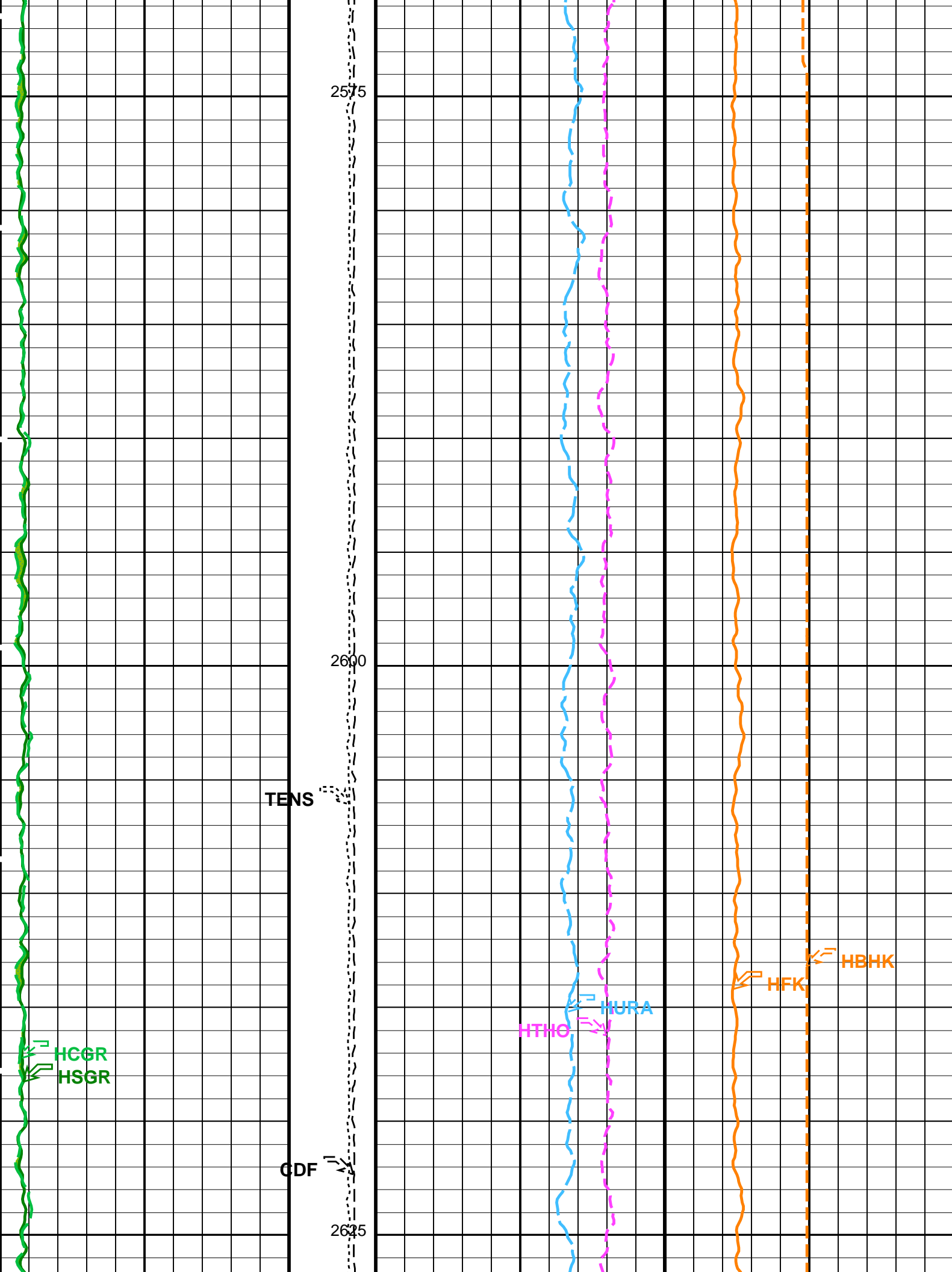


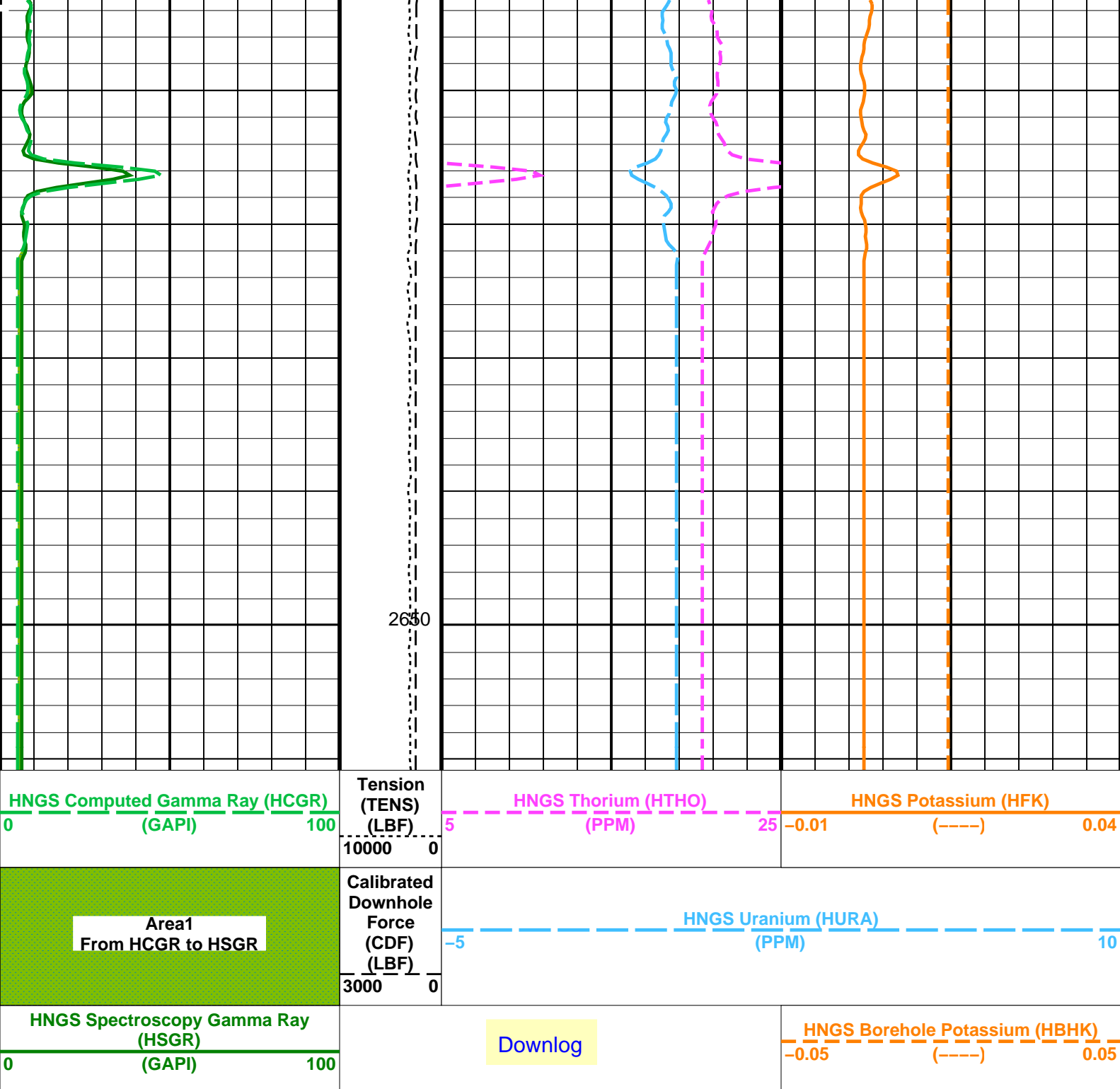








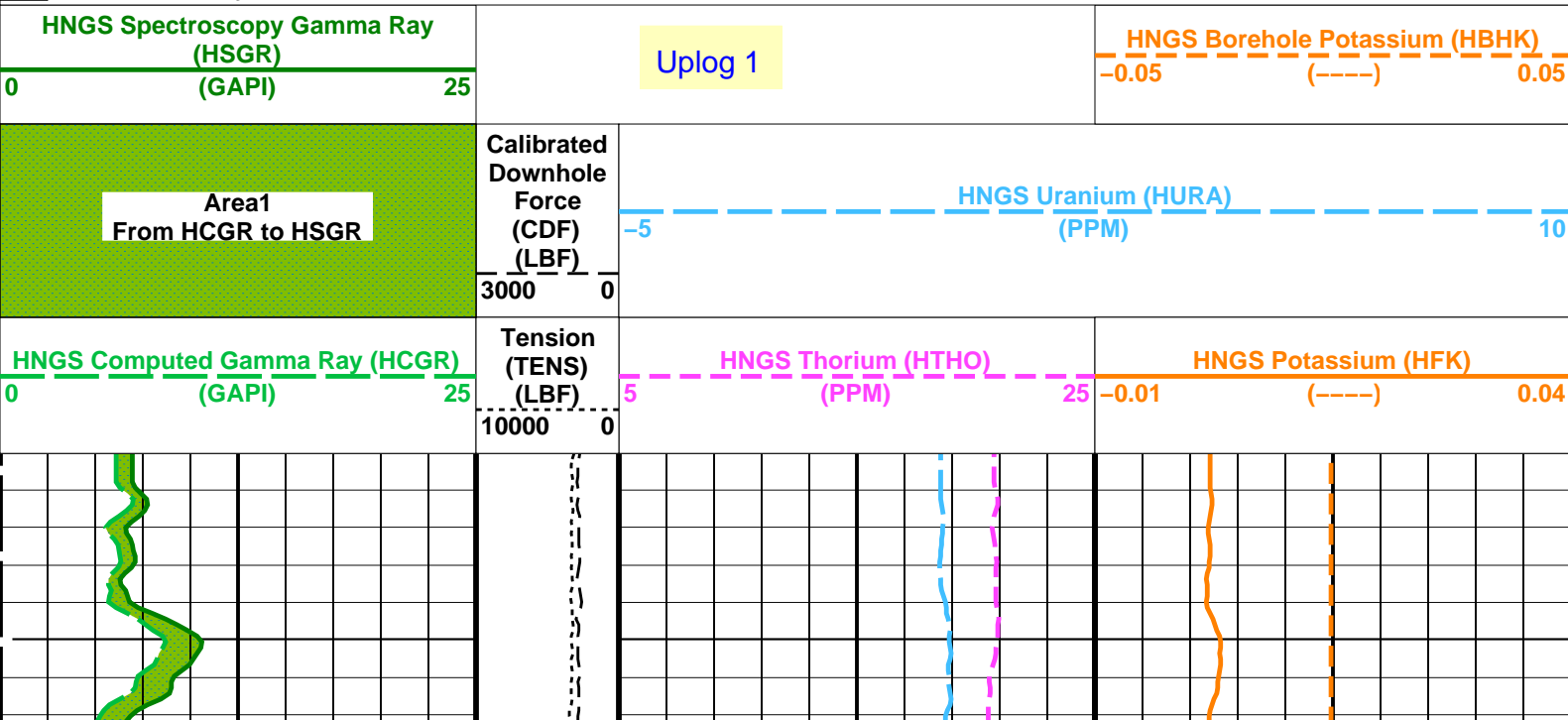


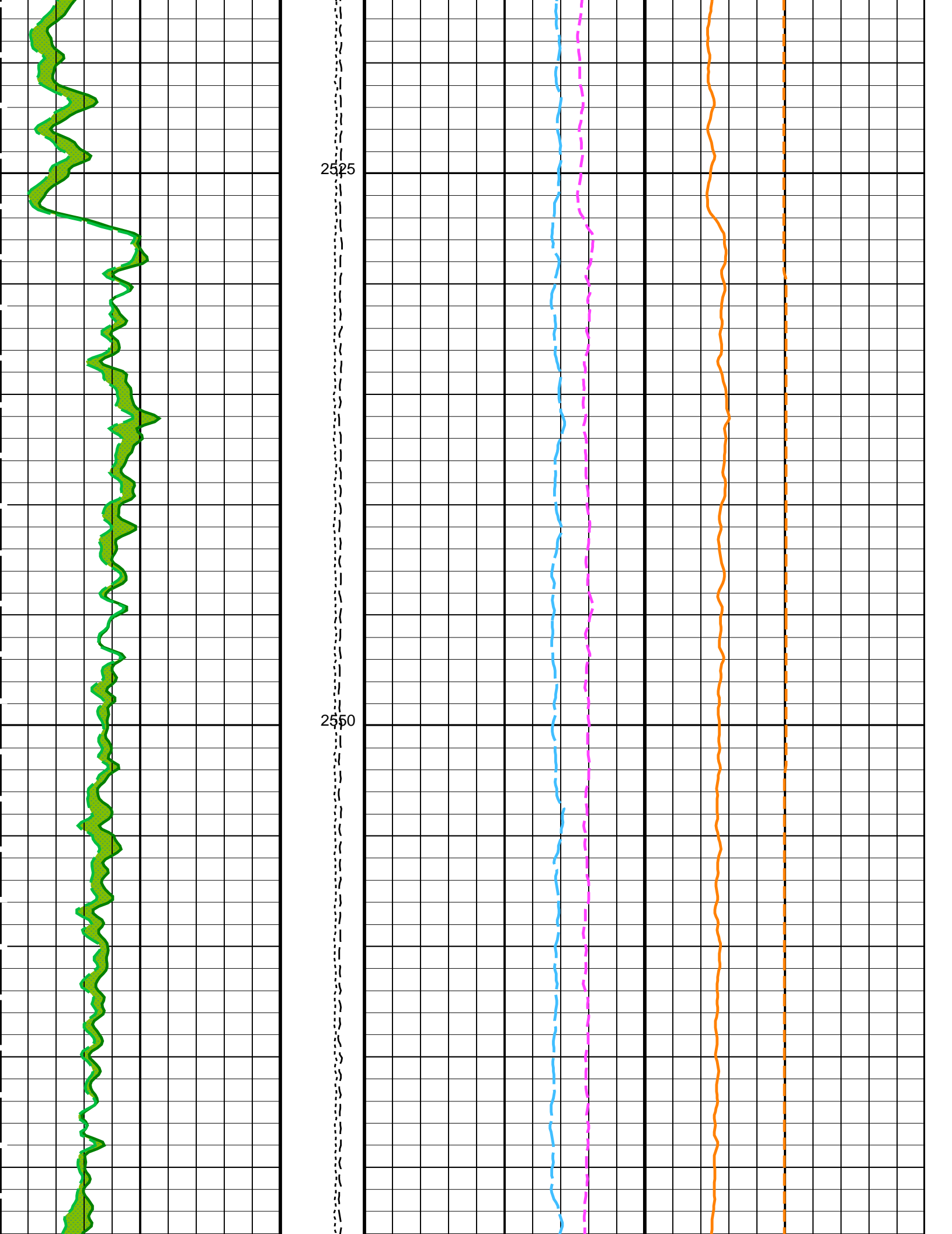


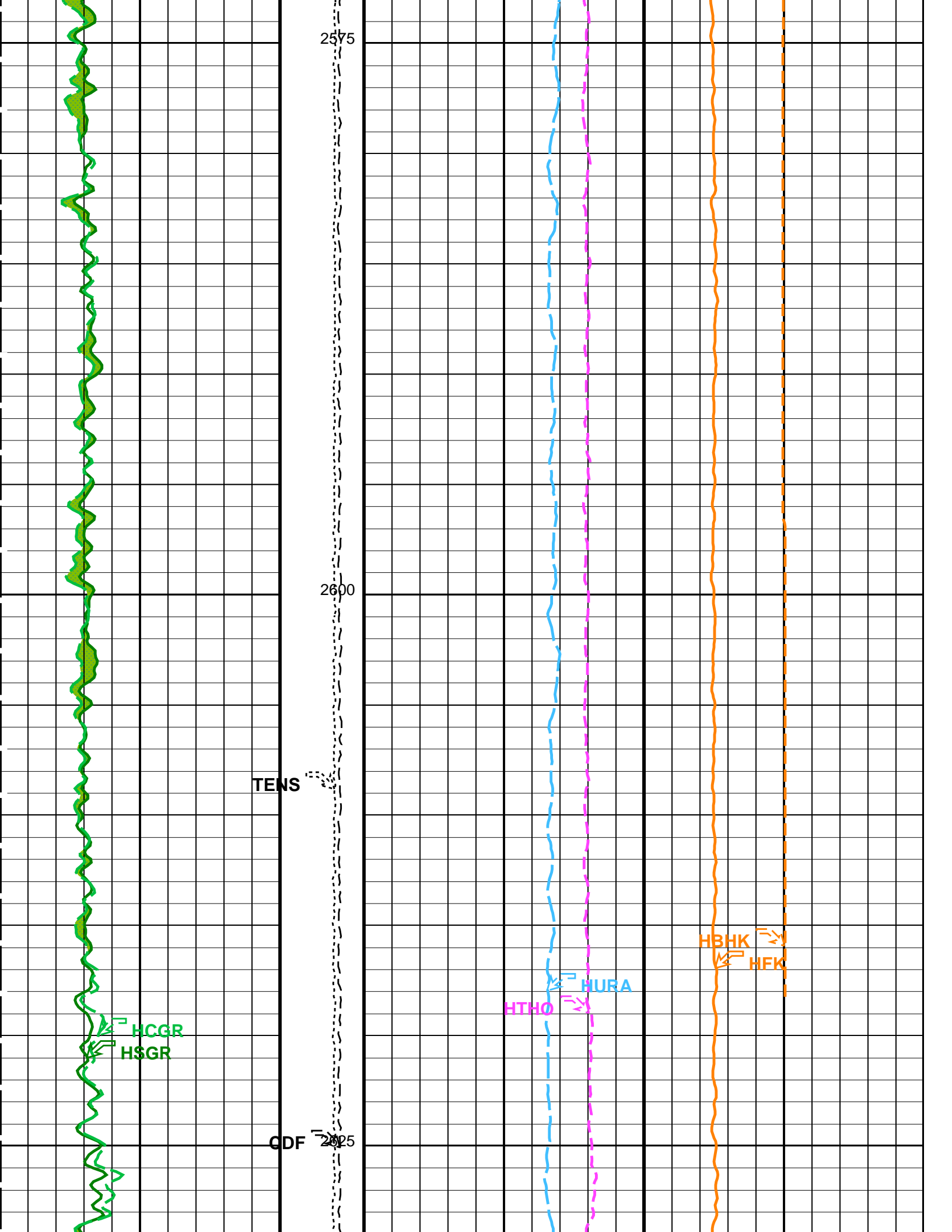
PIP SUMMARY

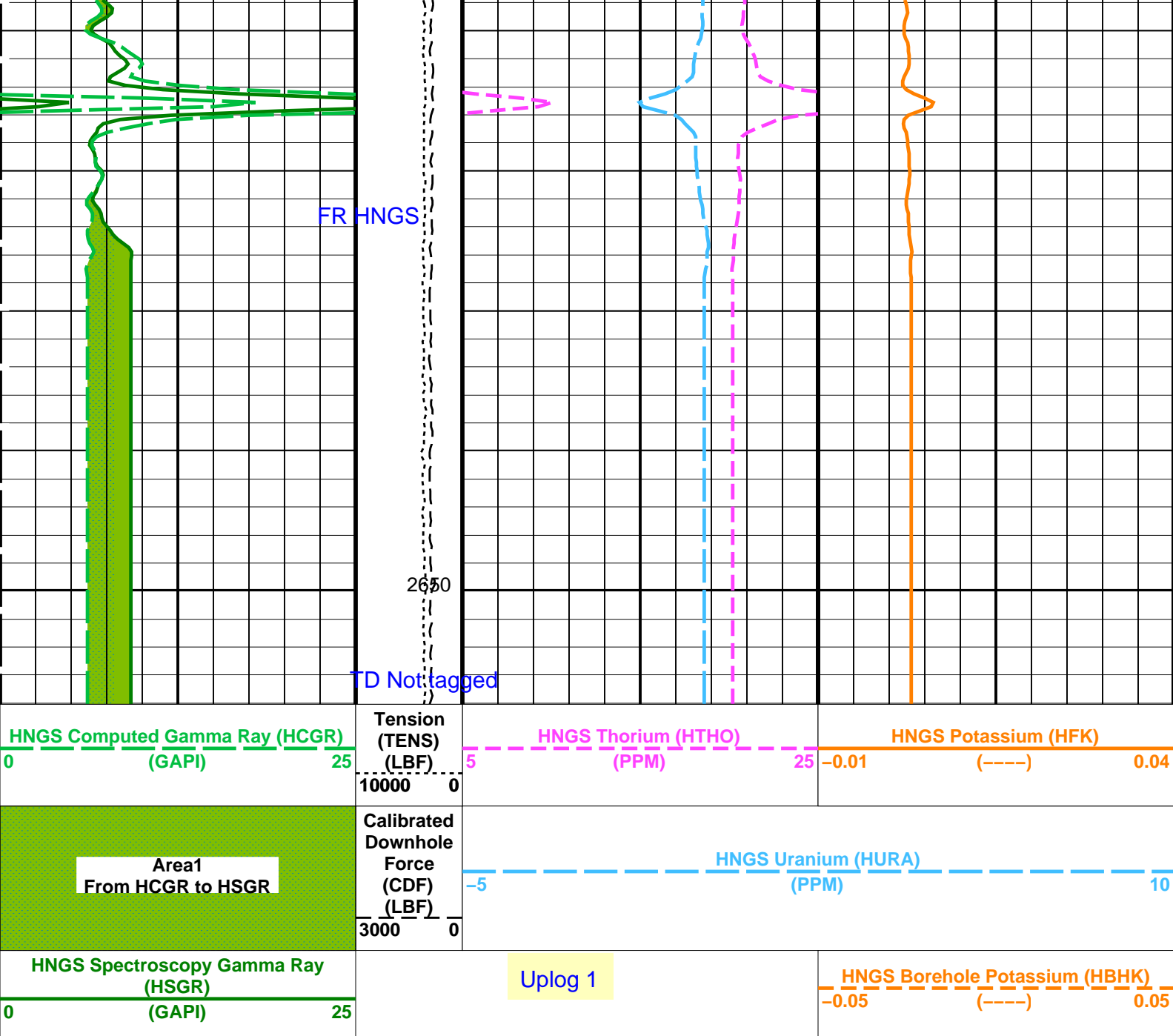
Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
HNCS-BA: Hostile Natural Gamma Ray Sonde		
BAR1	HNCS Detector 1 Barite Constant	1
BAR2	HNCS Detector 2 Barite Constant	1
BHK	HNCS Borehole Potassium Correction Concentration	0
BHS	Borehole Status	OPEN
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	10.75 IN
CSW1	Inner Casing Weight	0 LB/F
CSW2	Outer Casing Weight	0 LB/F
DBCC	HNCS Barite Constant Correction Flag	NONE
GCSE	Generalized Caliper Selection	BS
H1P	HNCS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNCS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNCS Borehole Potassium Running Average	-0.00231684









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	10.75	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	-0.00224045	
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 Detector 2 Calibration Gamma-Ray Count Rate	YES
TPOS	HNGS Standard Gamma-Ray Correction Flag	CENT
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.62937
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	6.67017
BS	System and Miscellaneous Bit Size	9.875 IN

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 09-Jul-2021 09:14

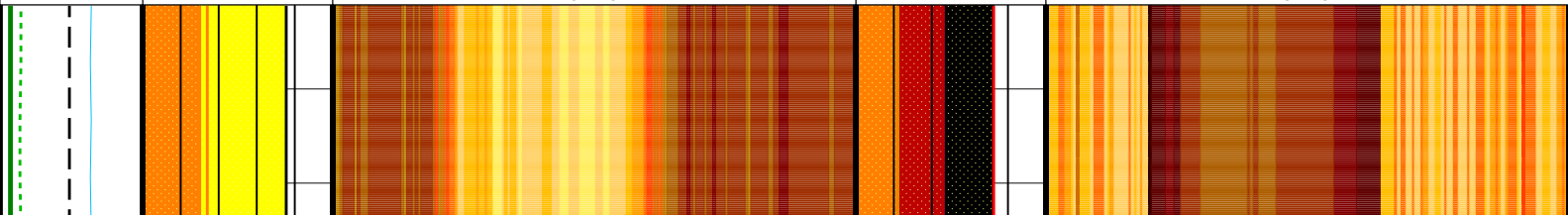
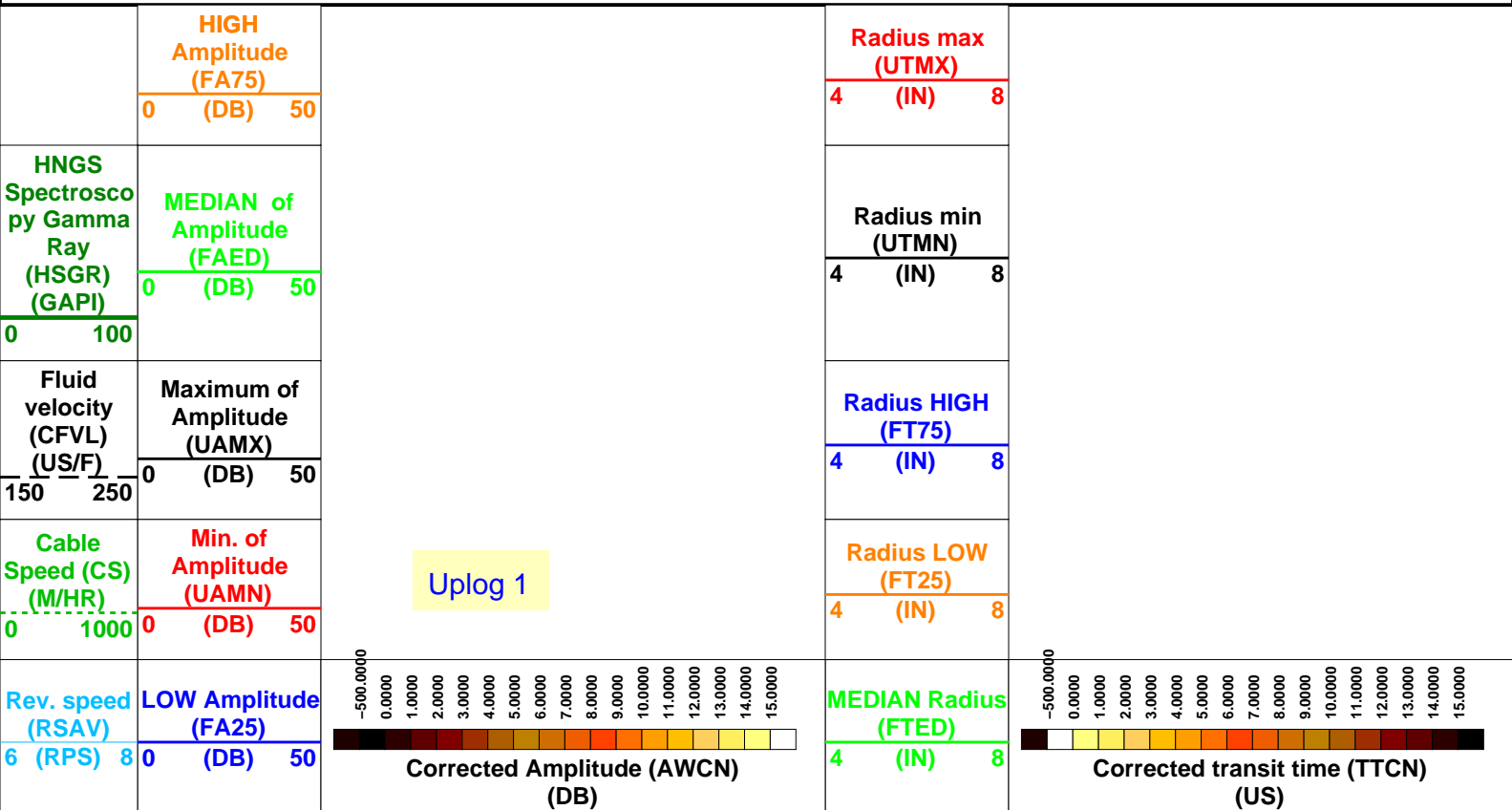
OP System Version: 19C0-187			
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

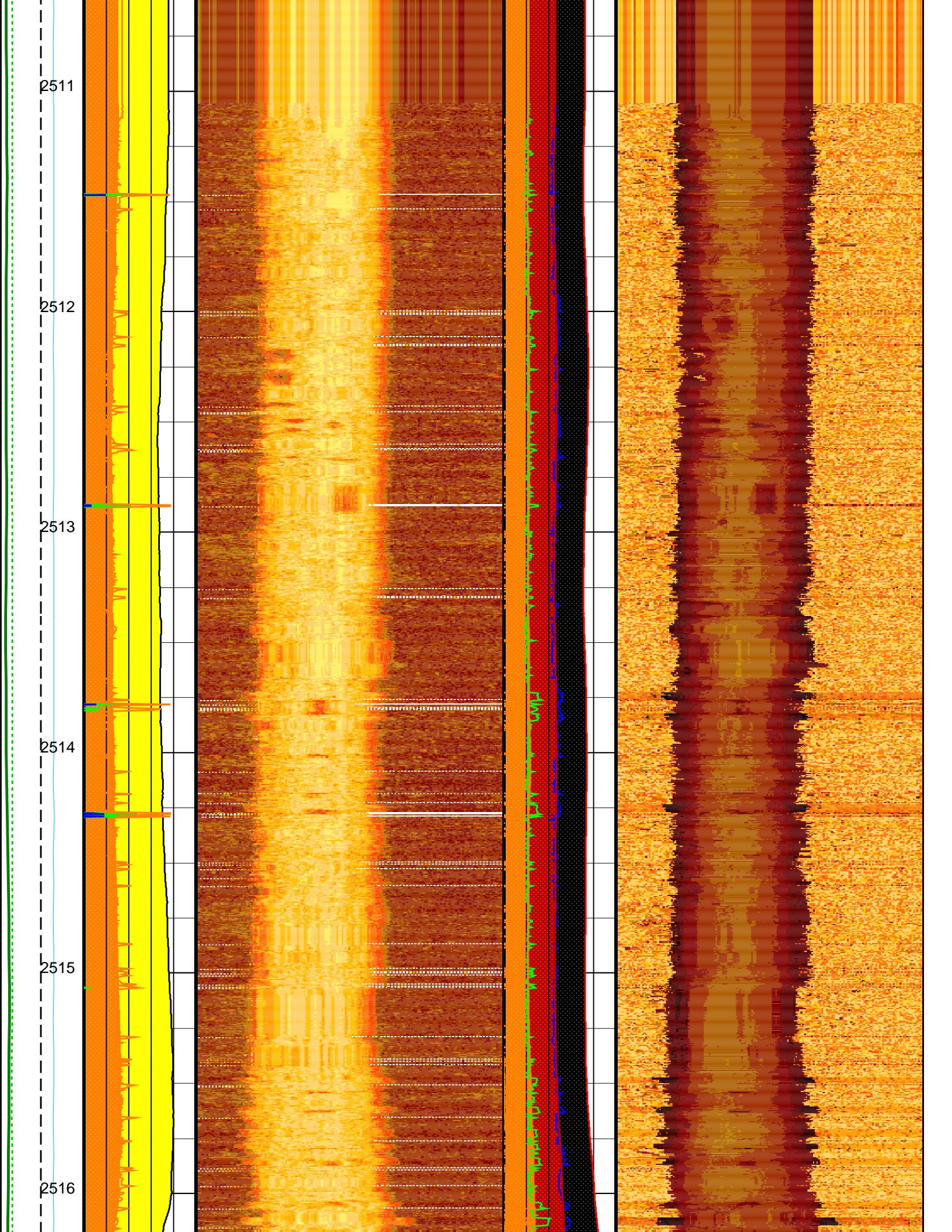
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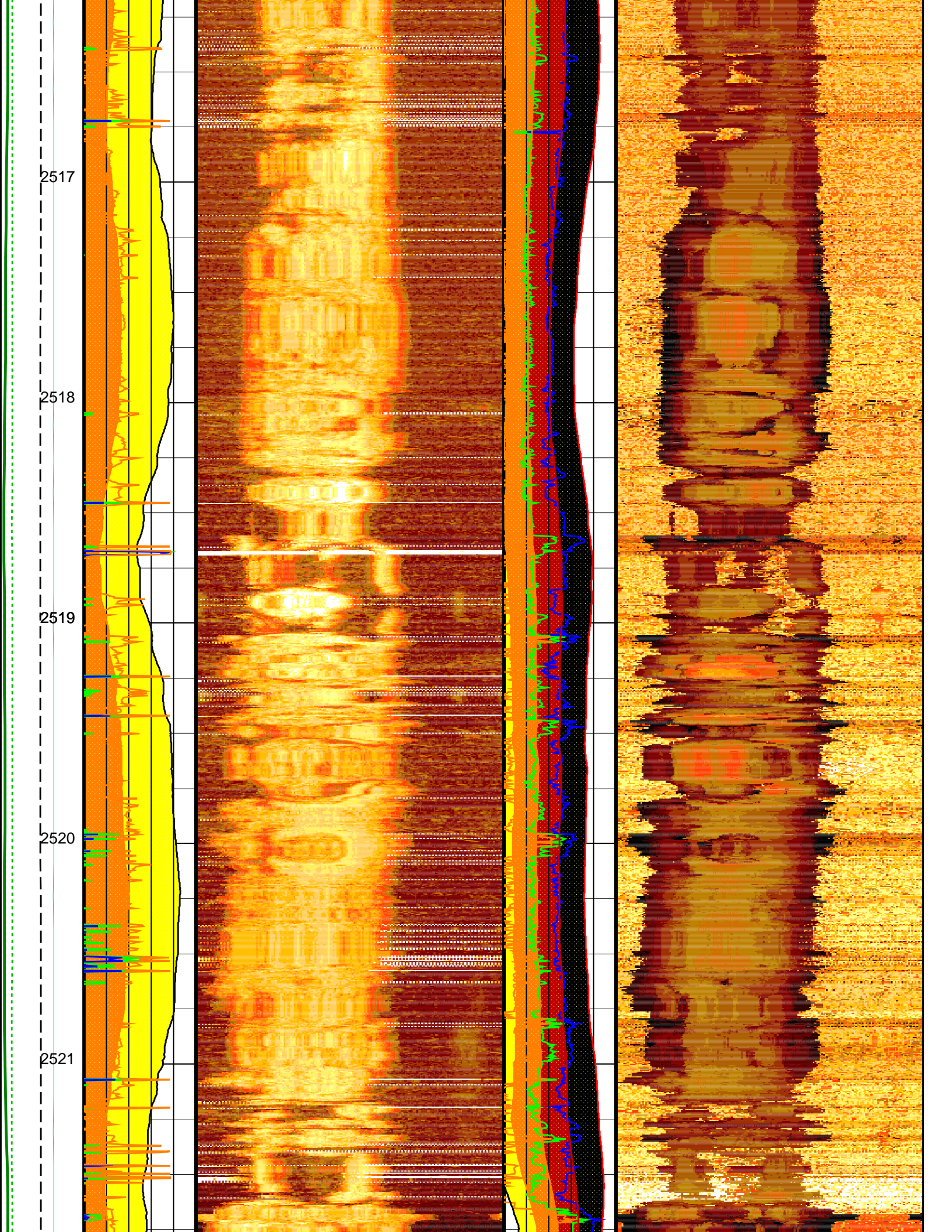
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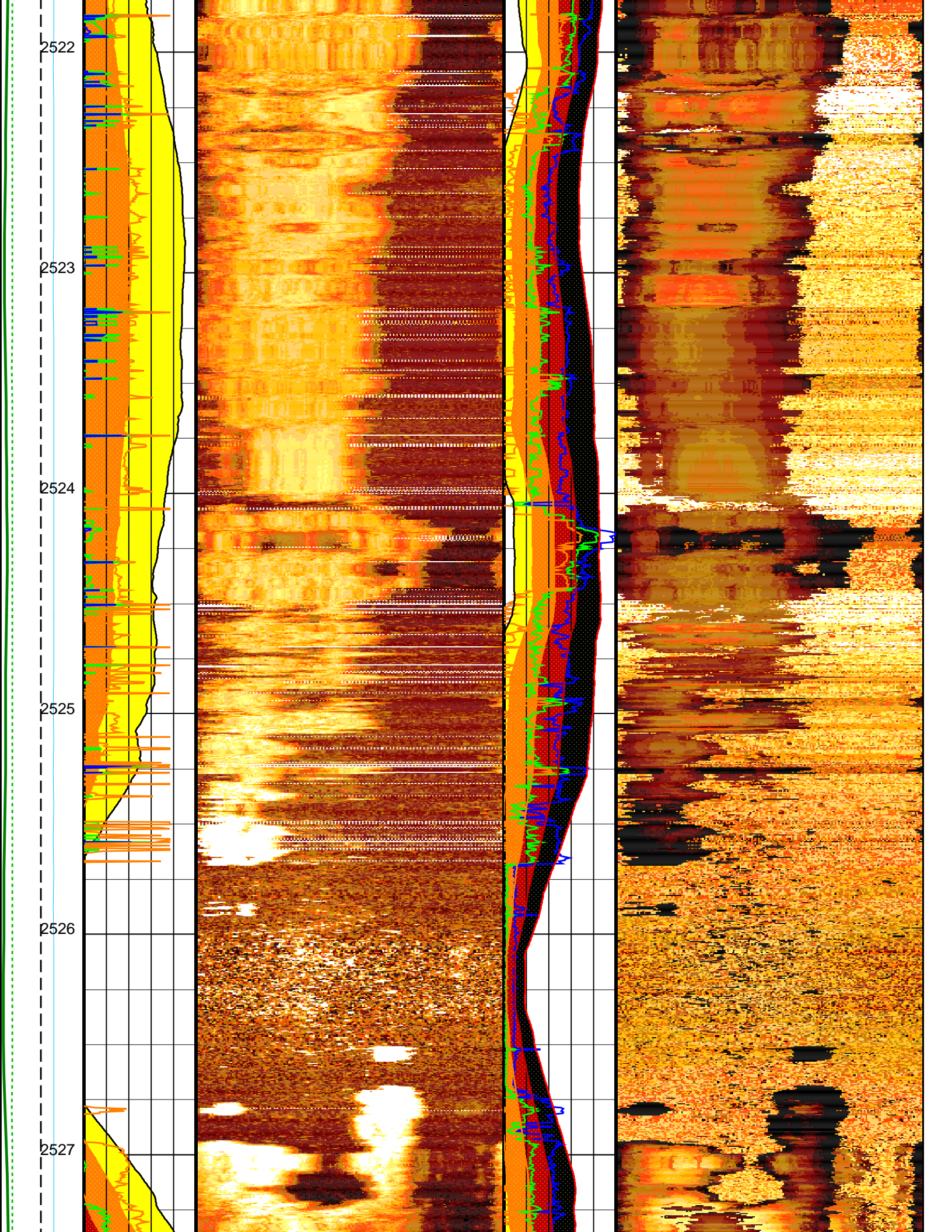
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OP System Version: 19C0-187			
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
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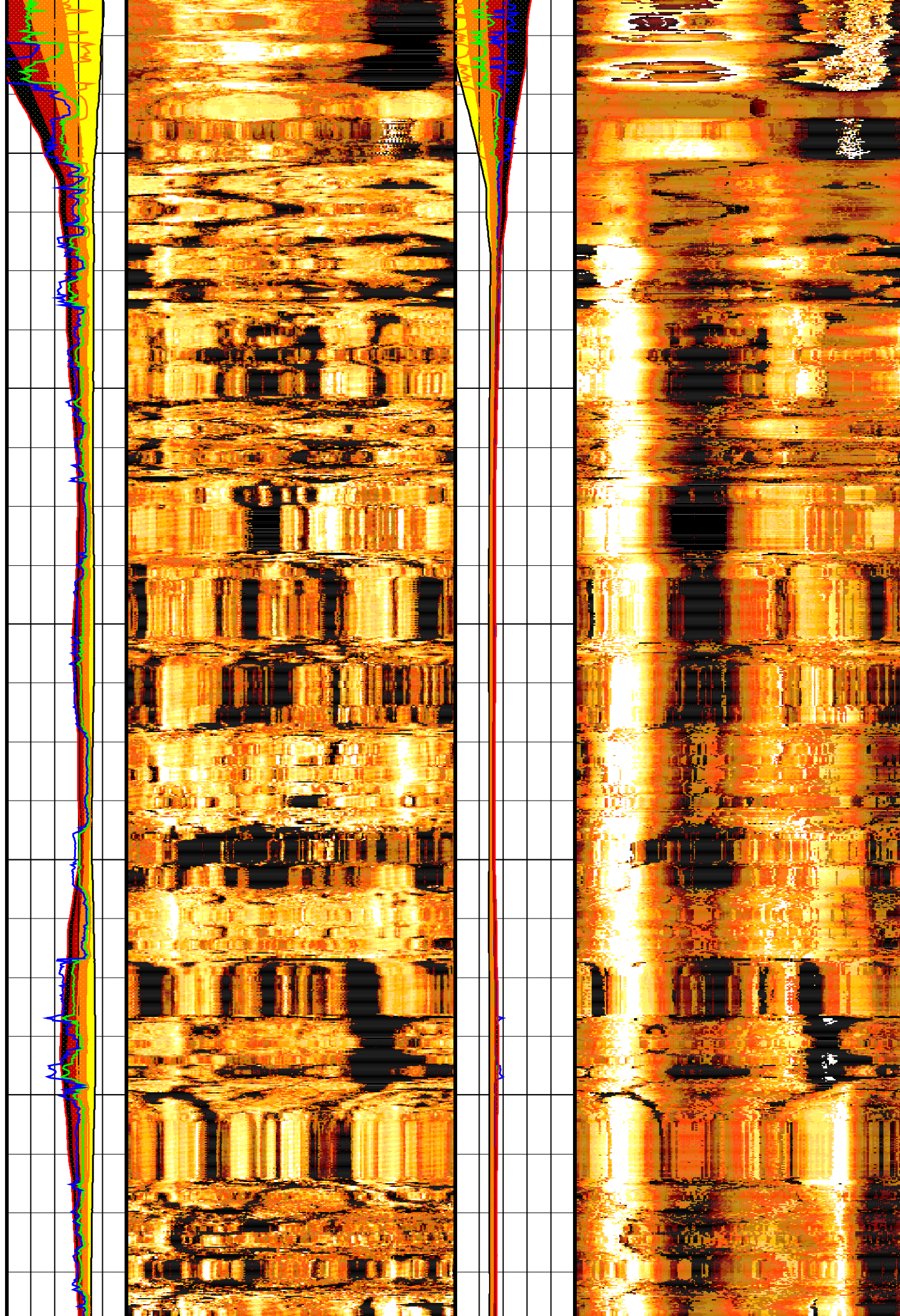
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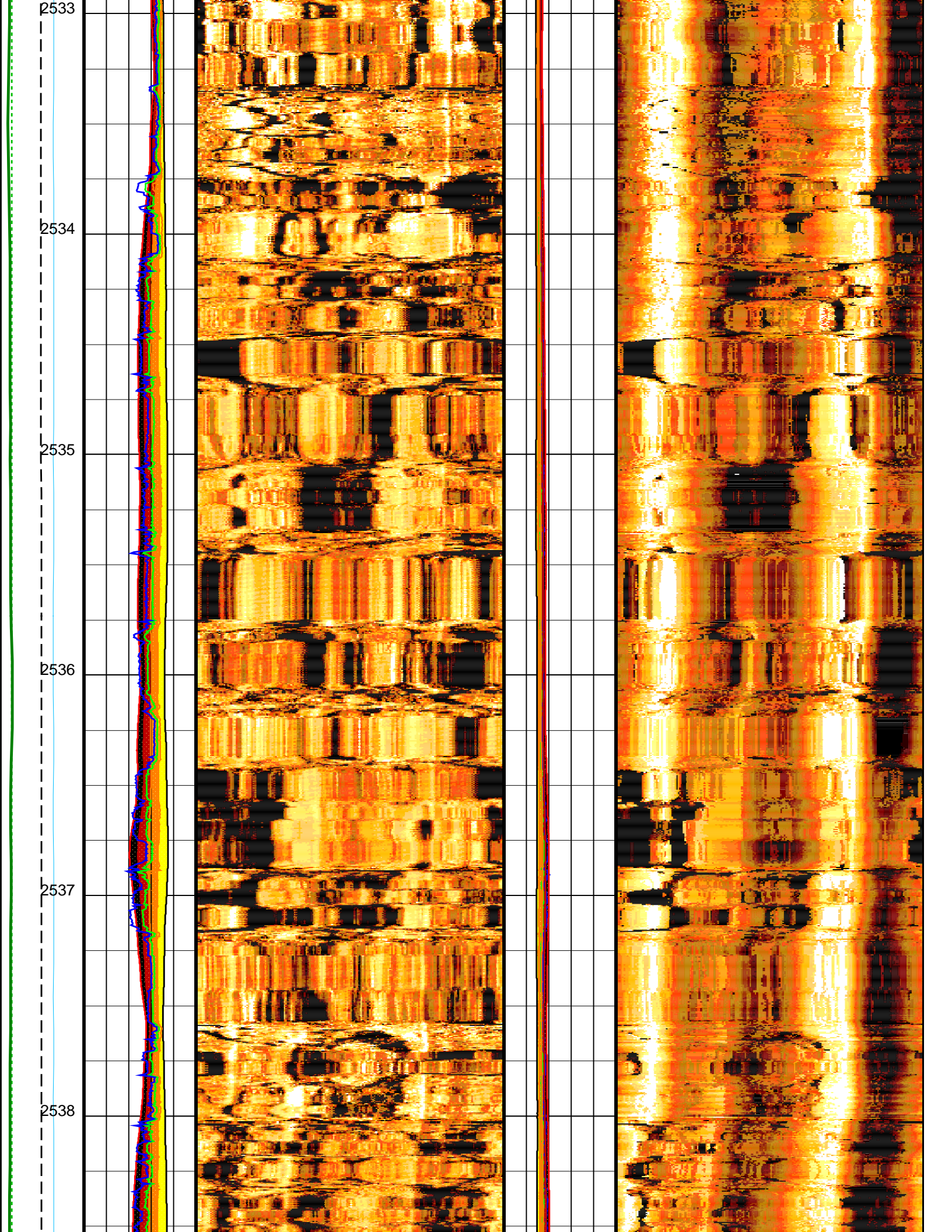
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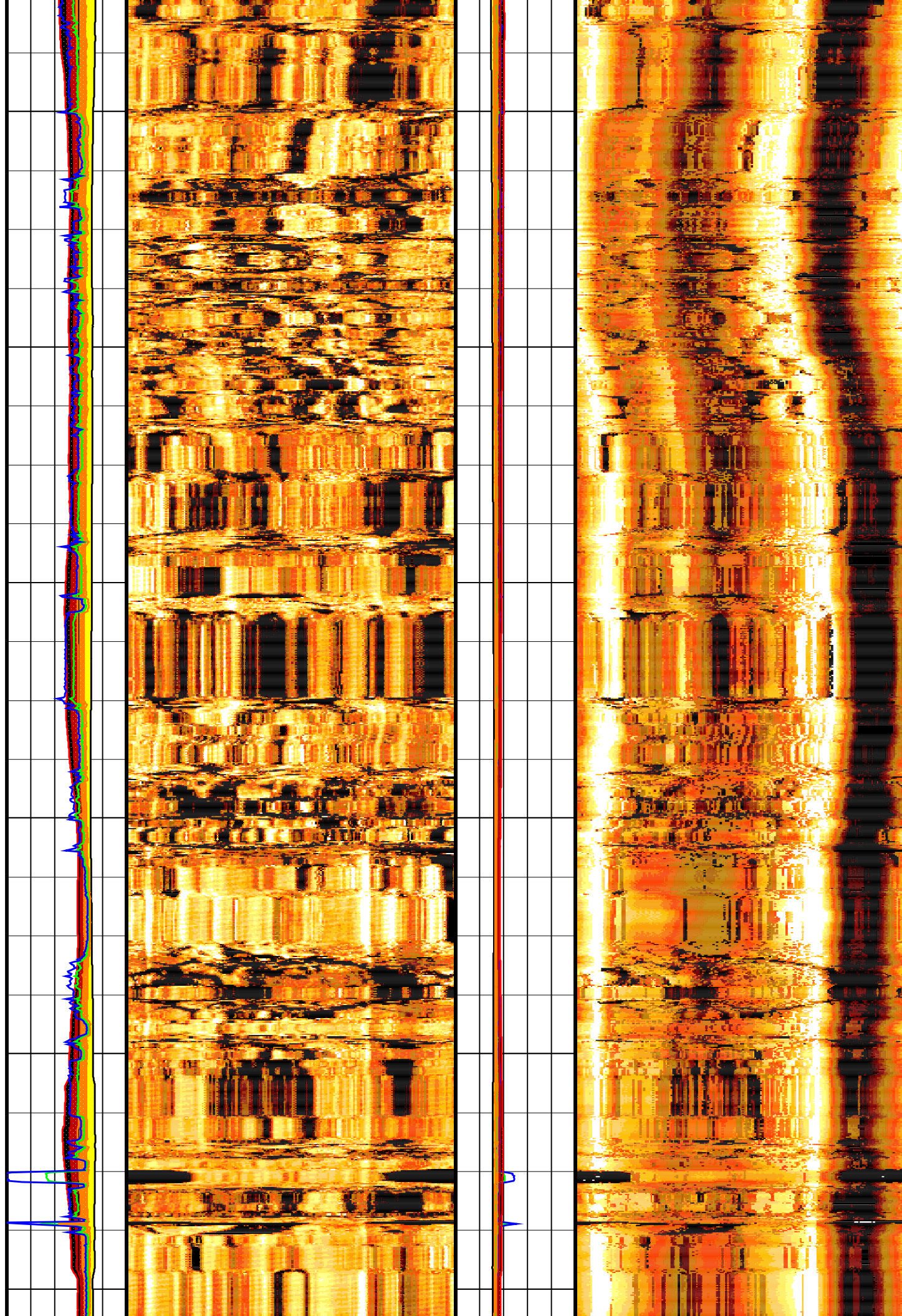
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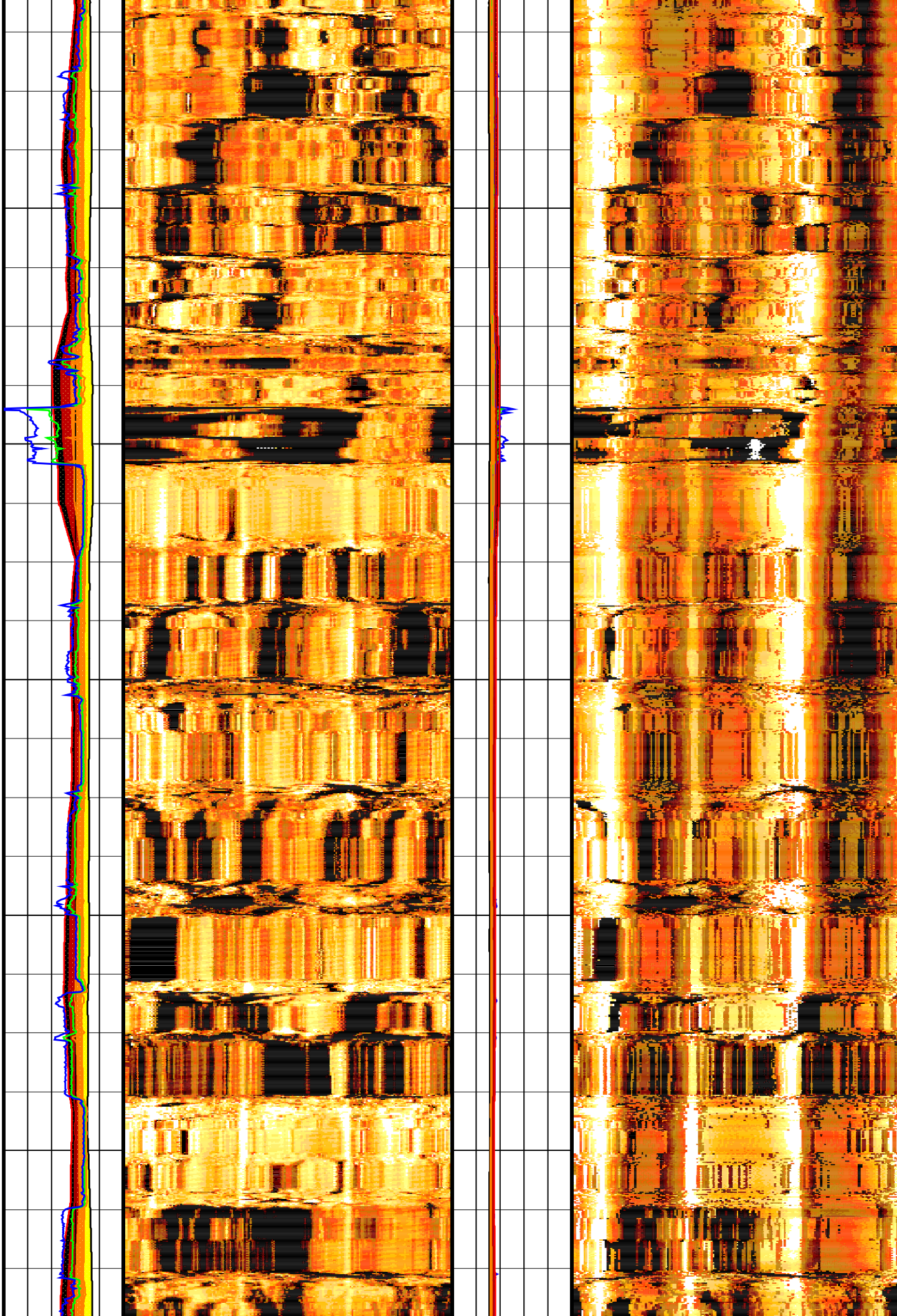
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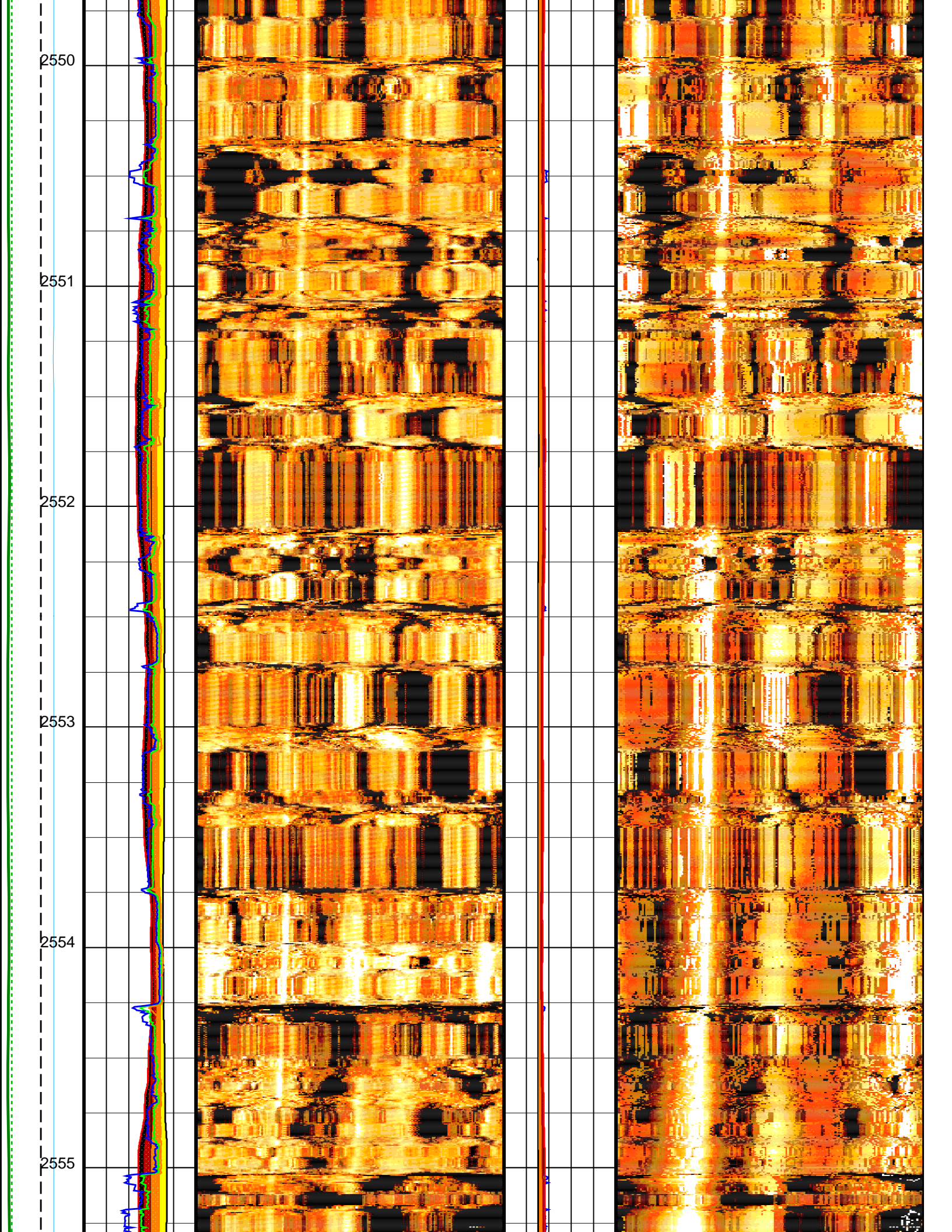
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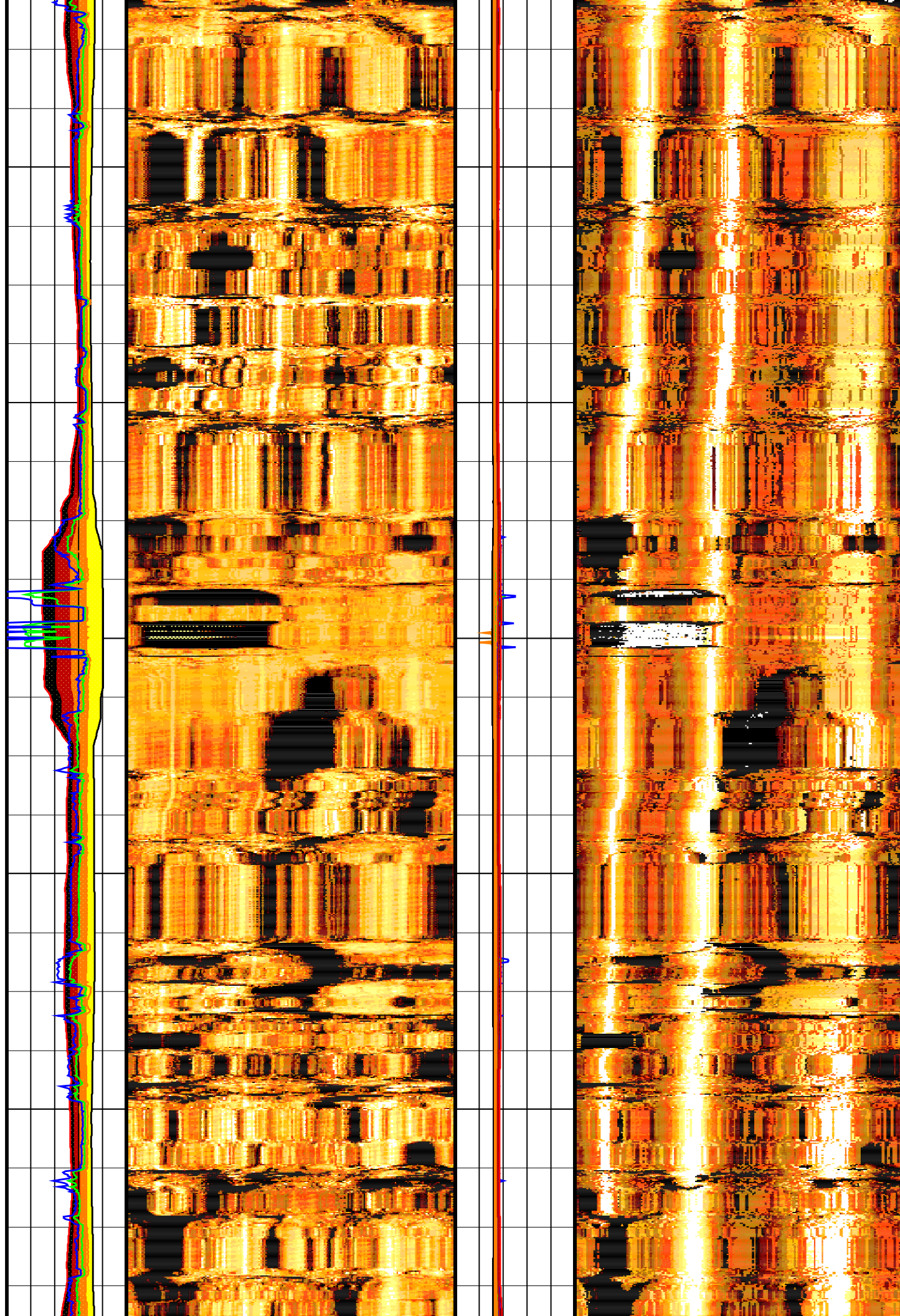
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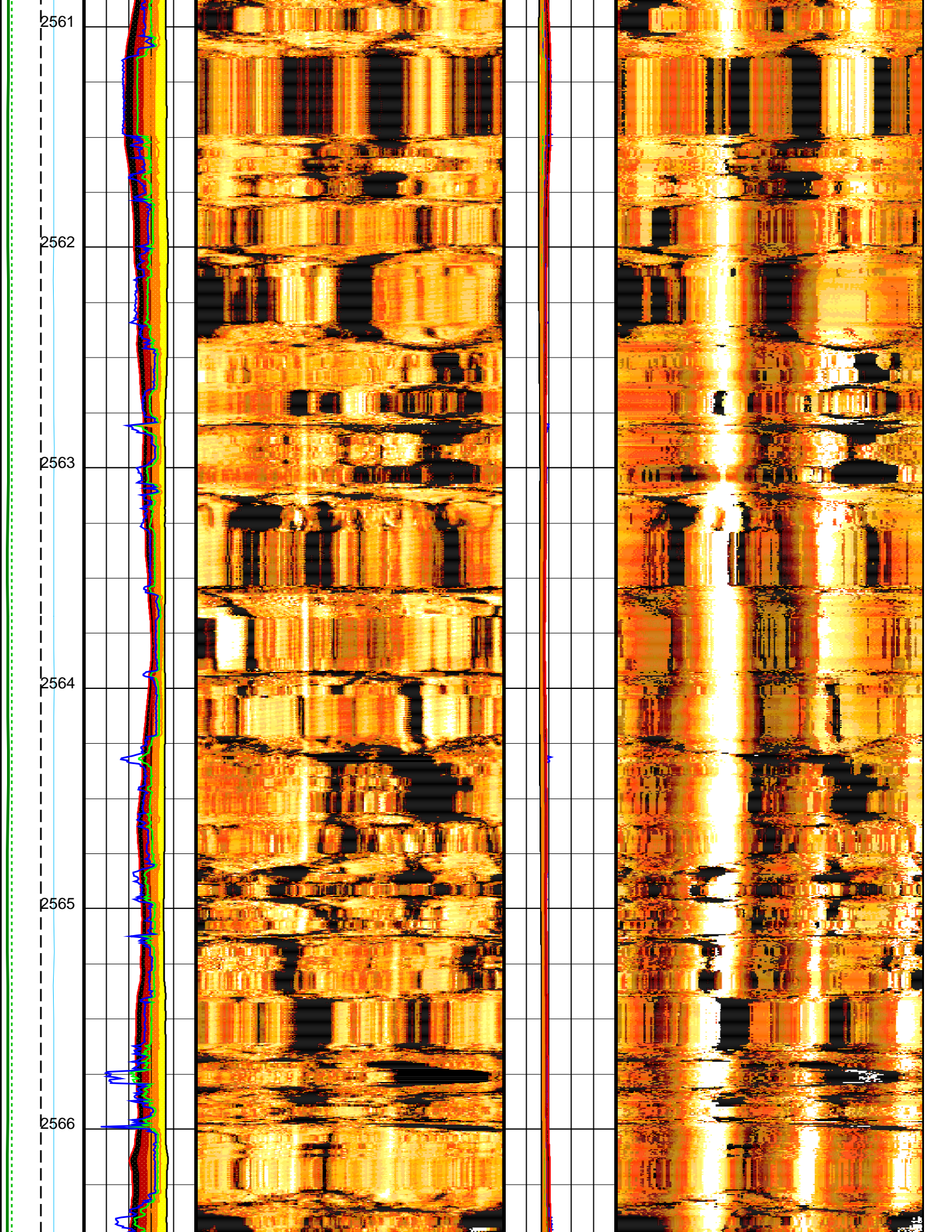
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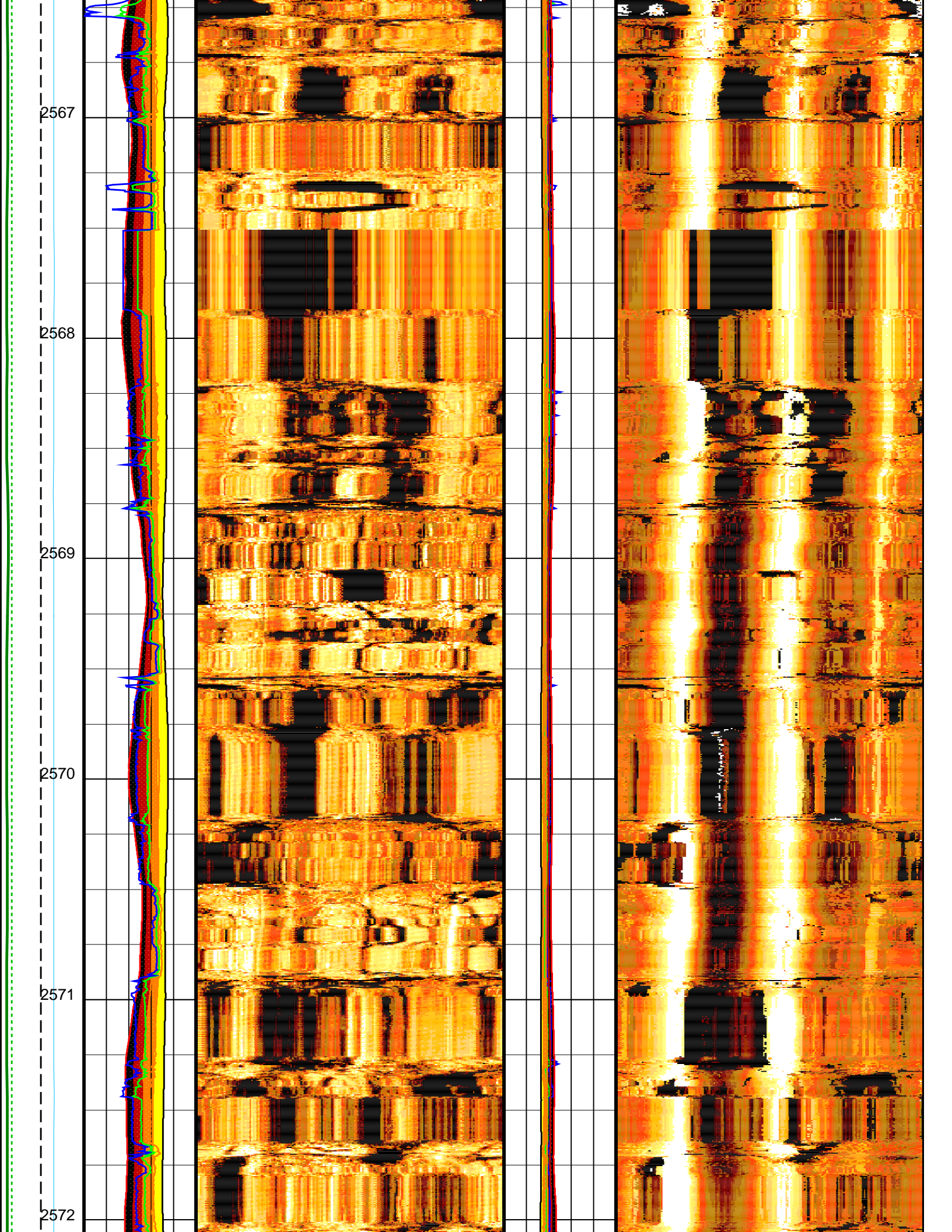
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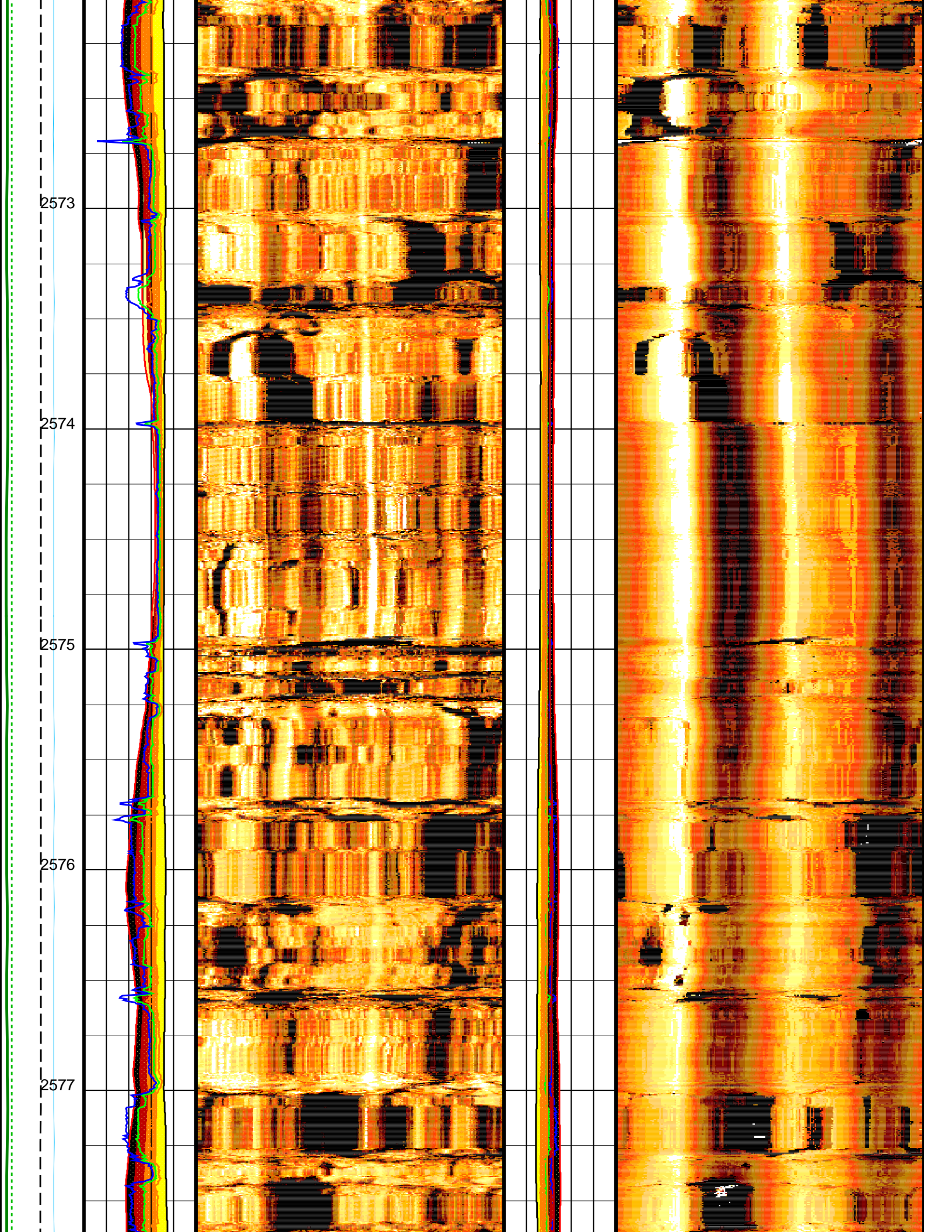
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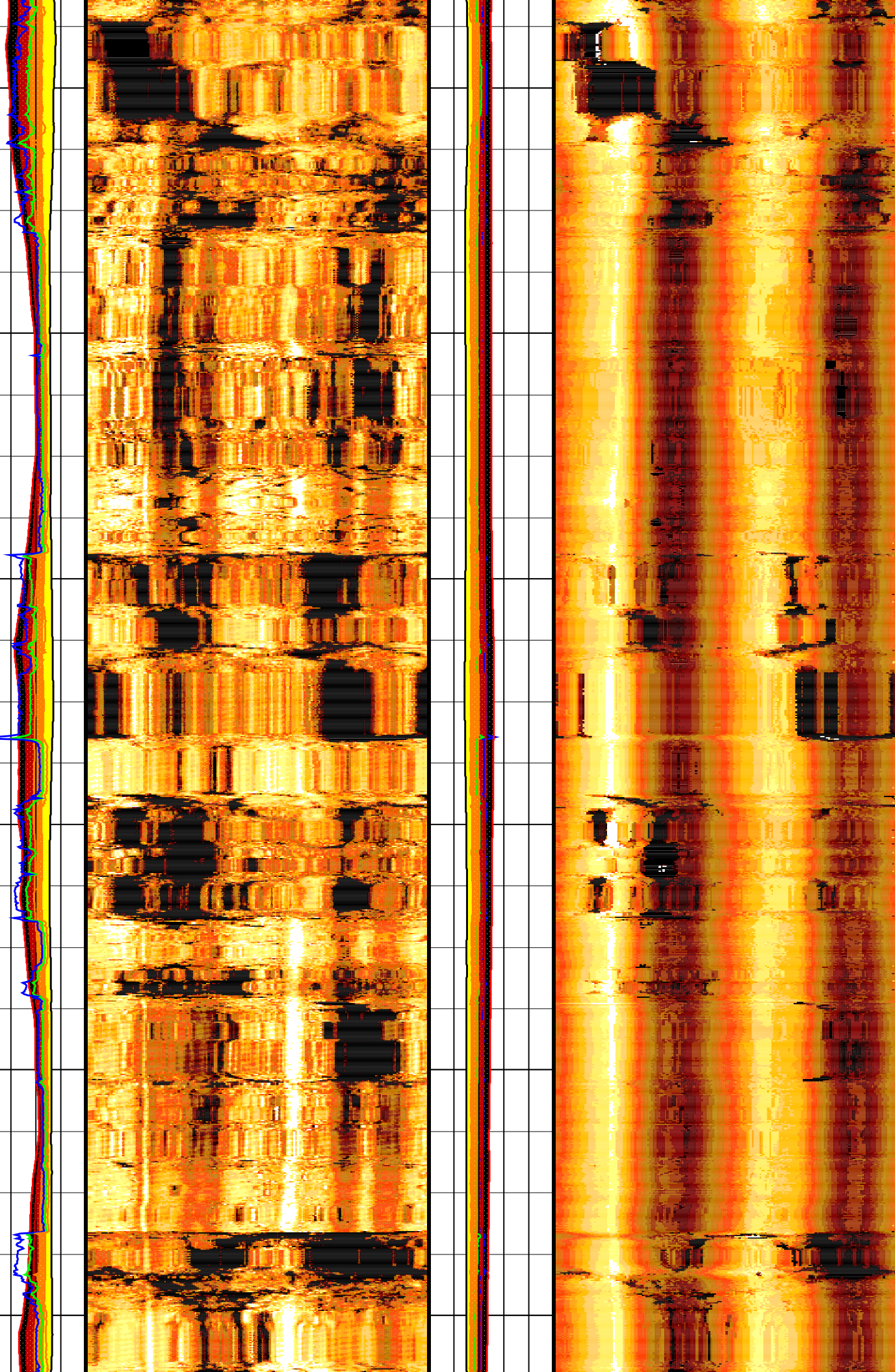
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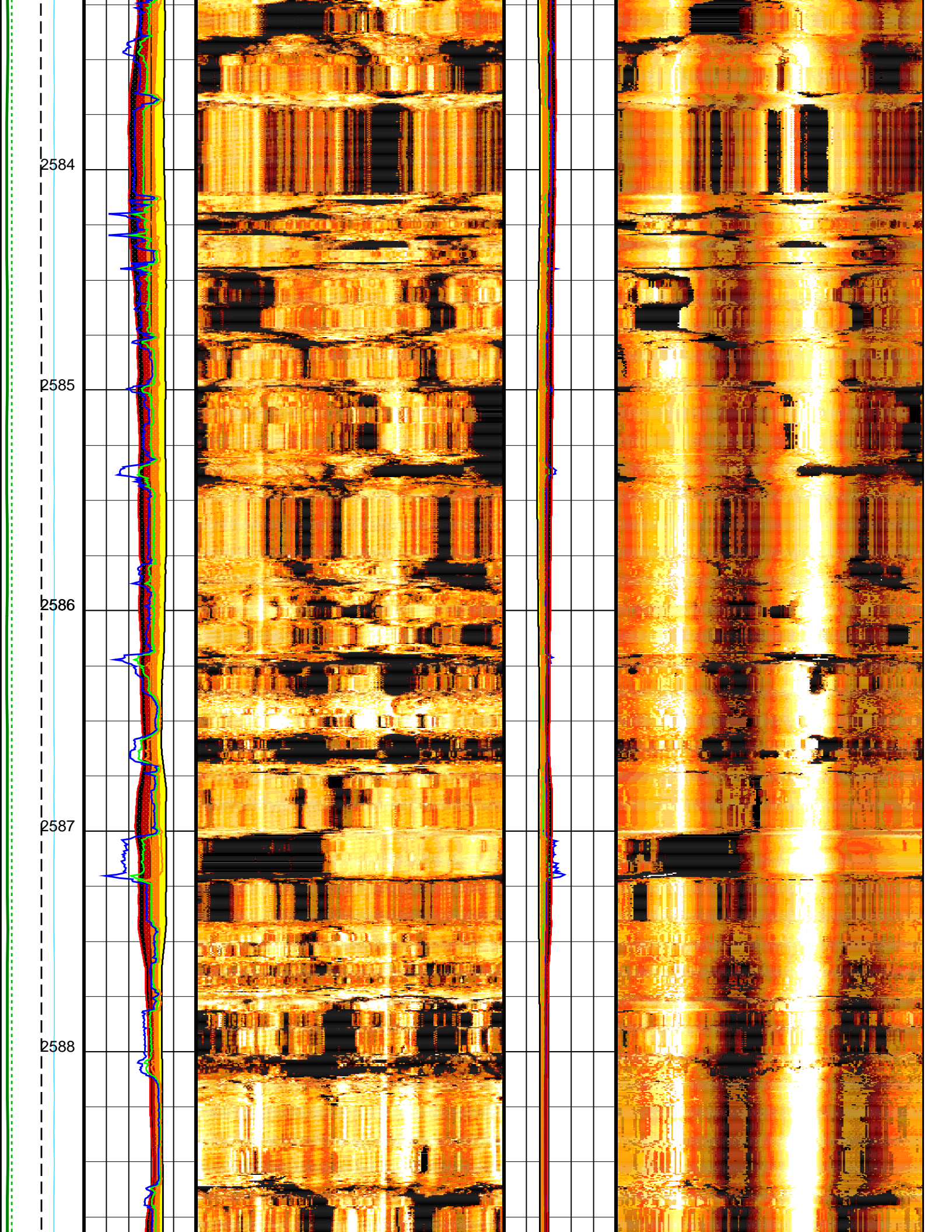
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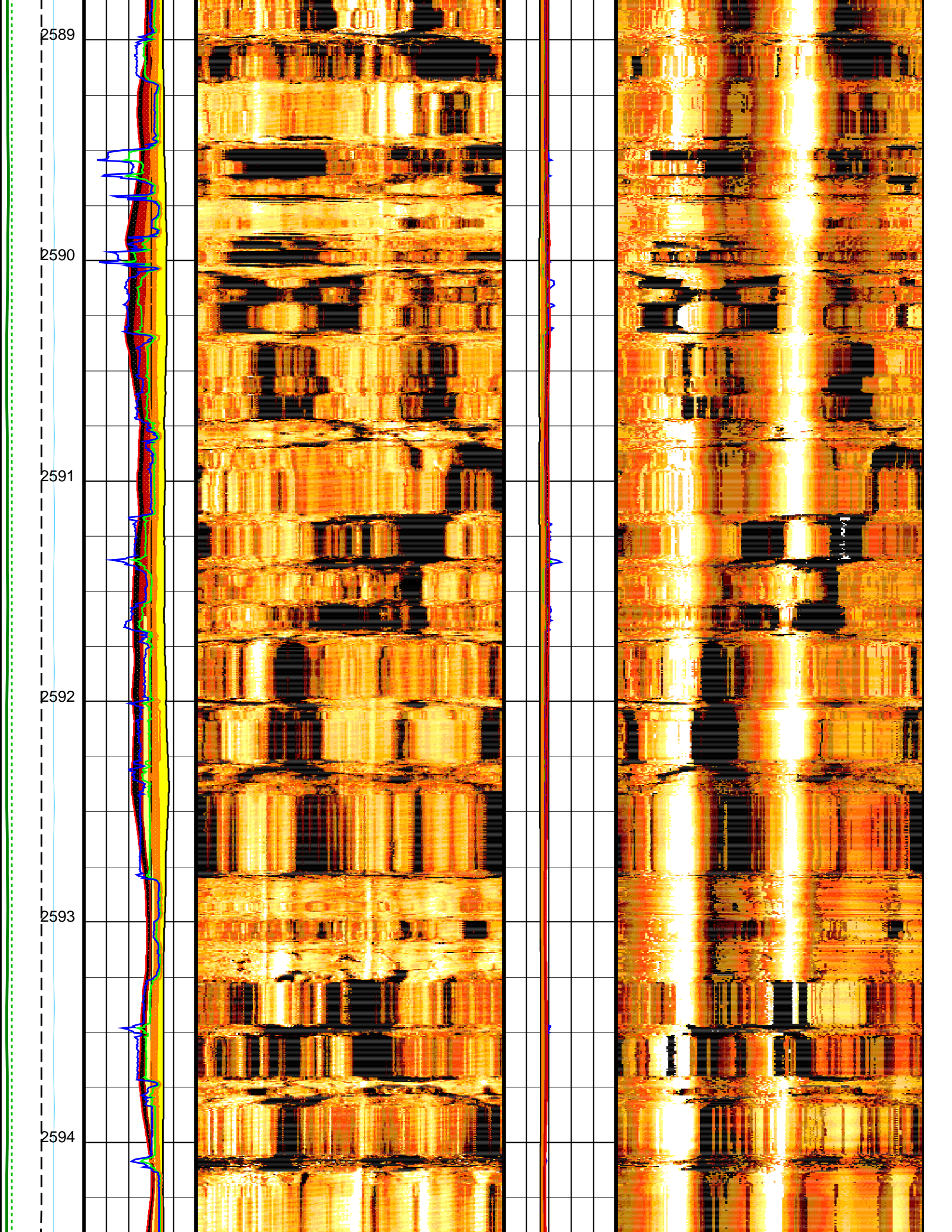
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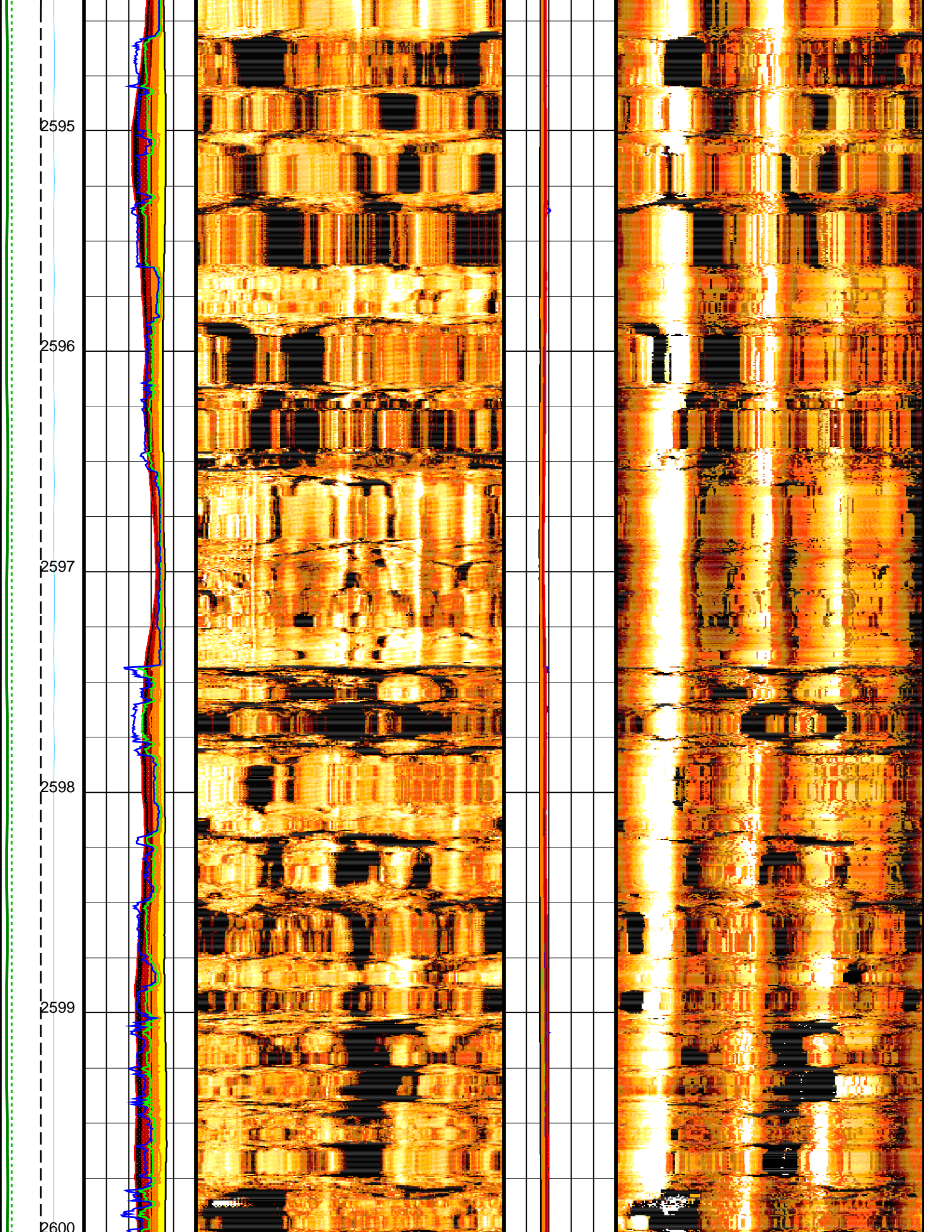
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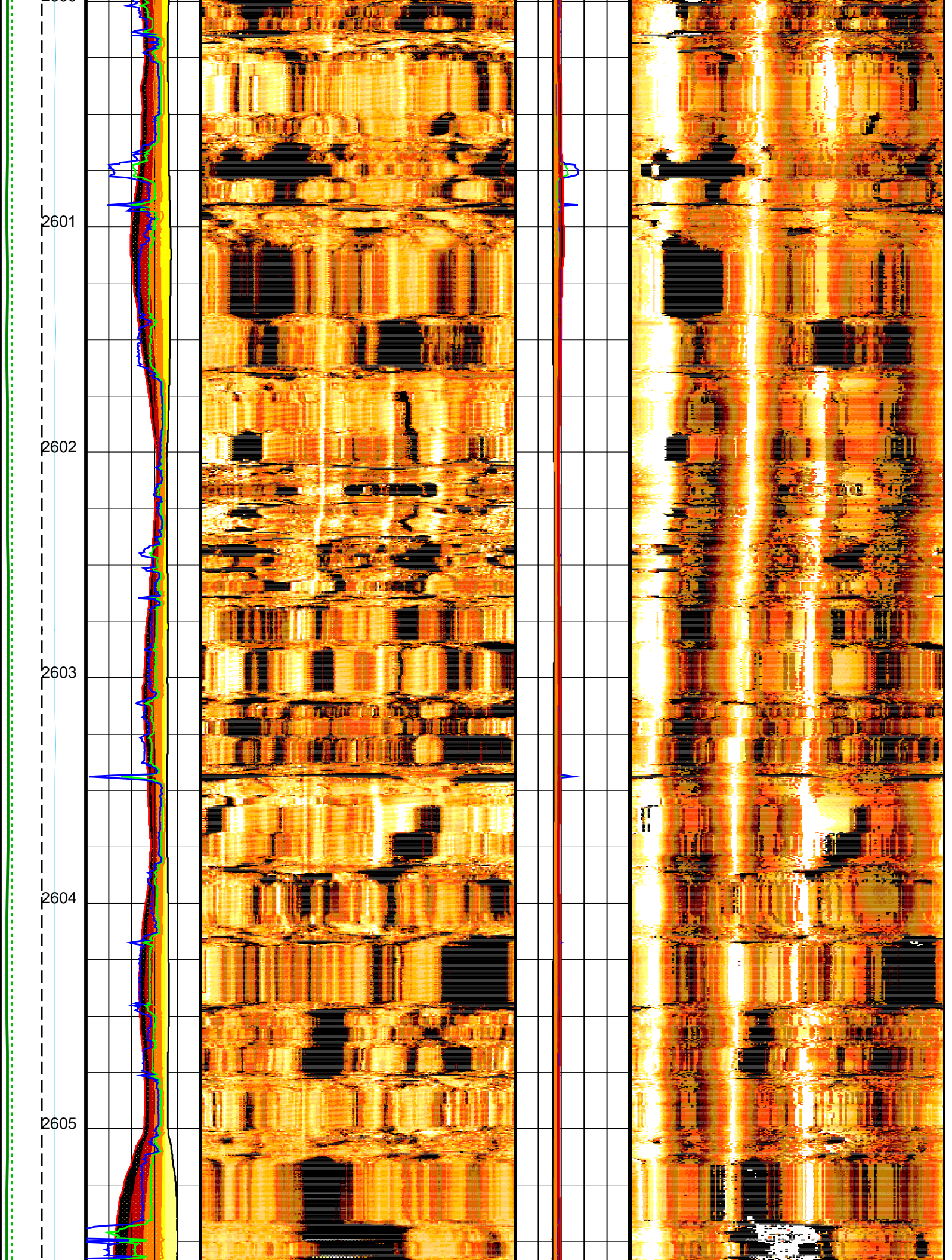
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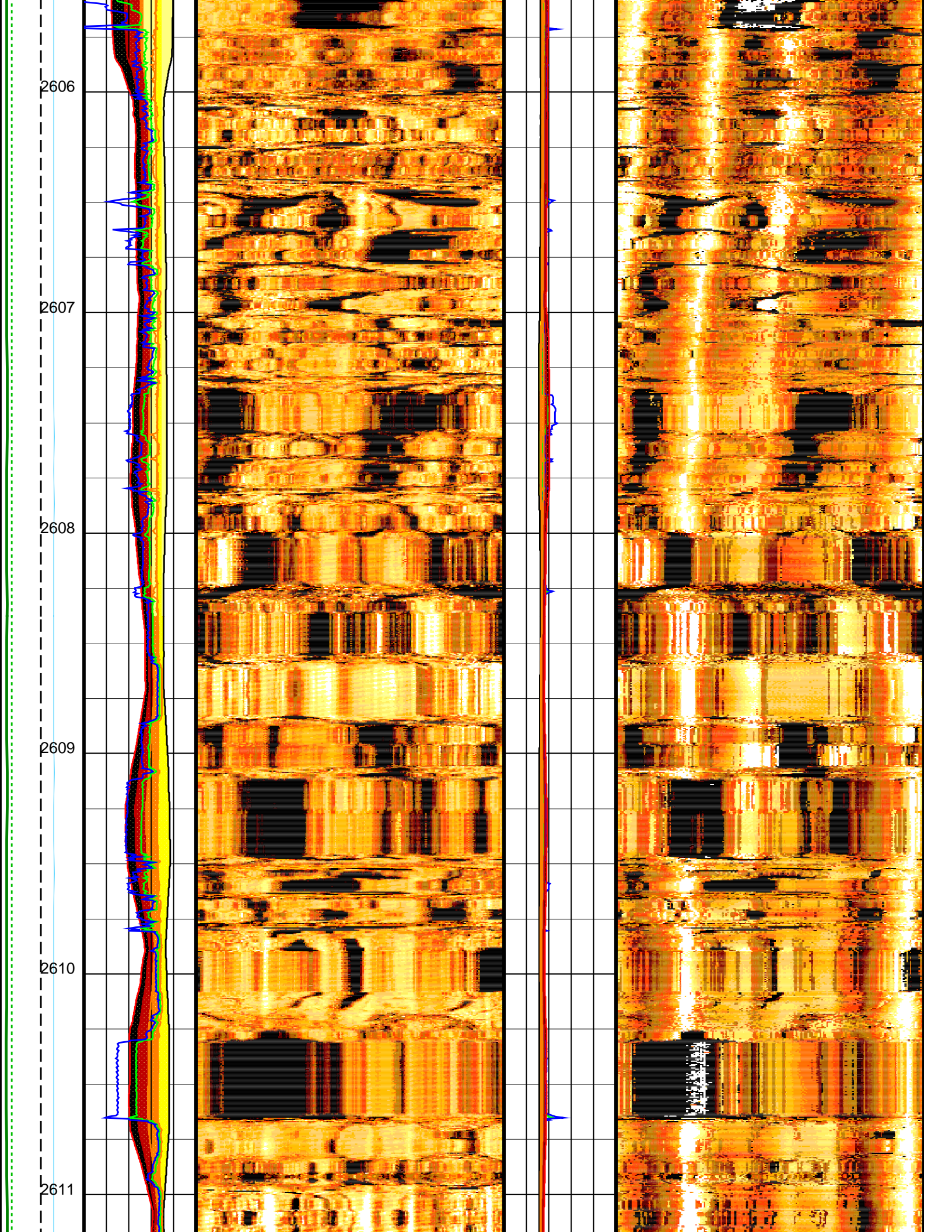


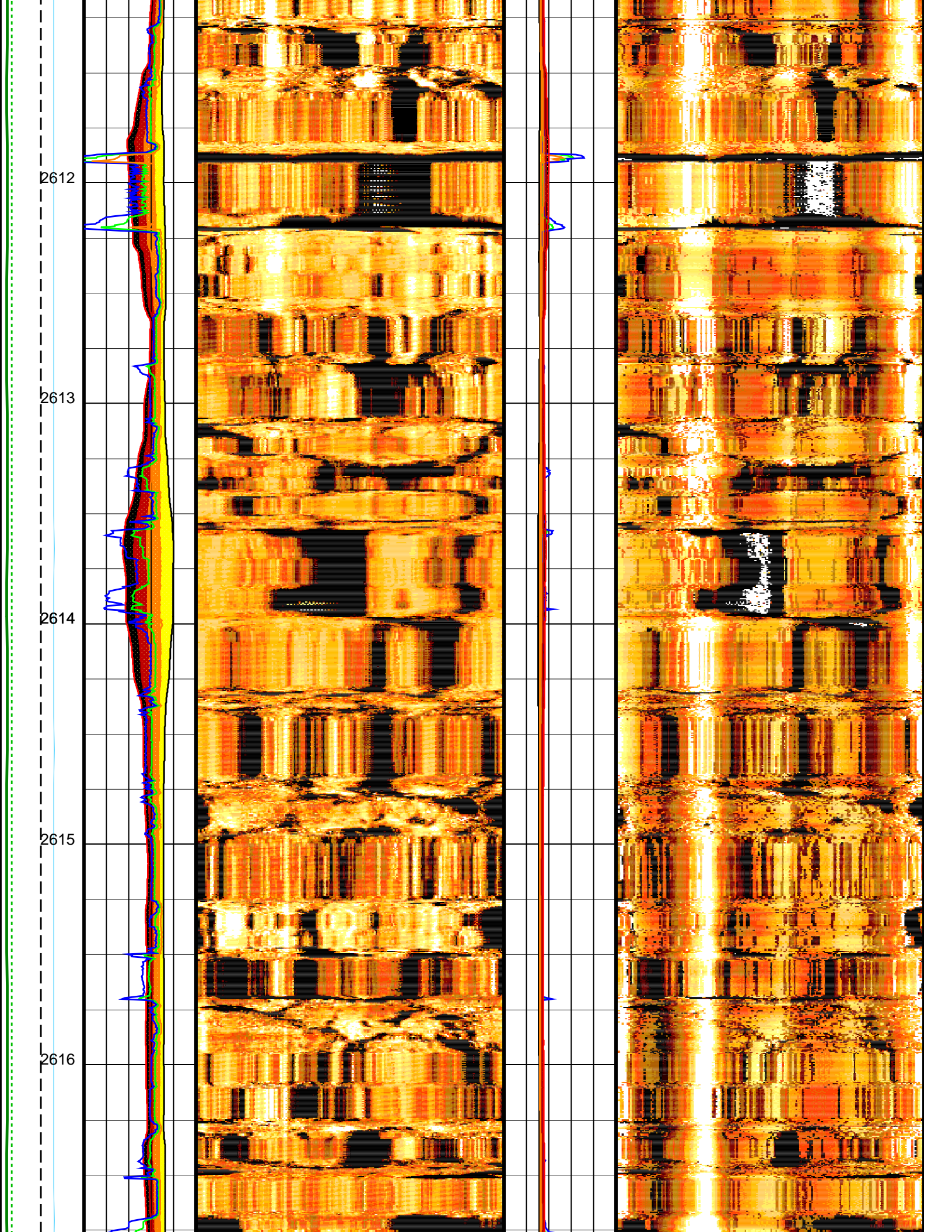


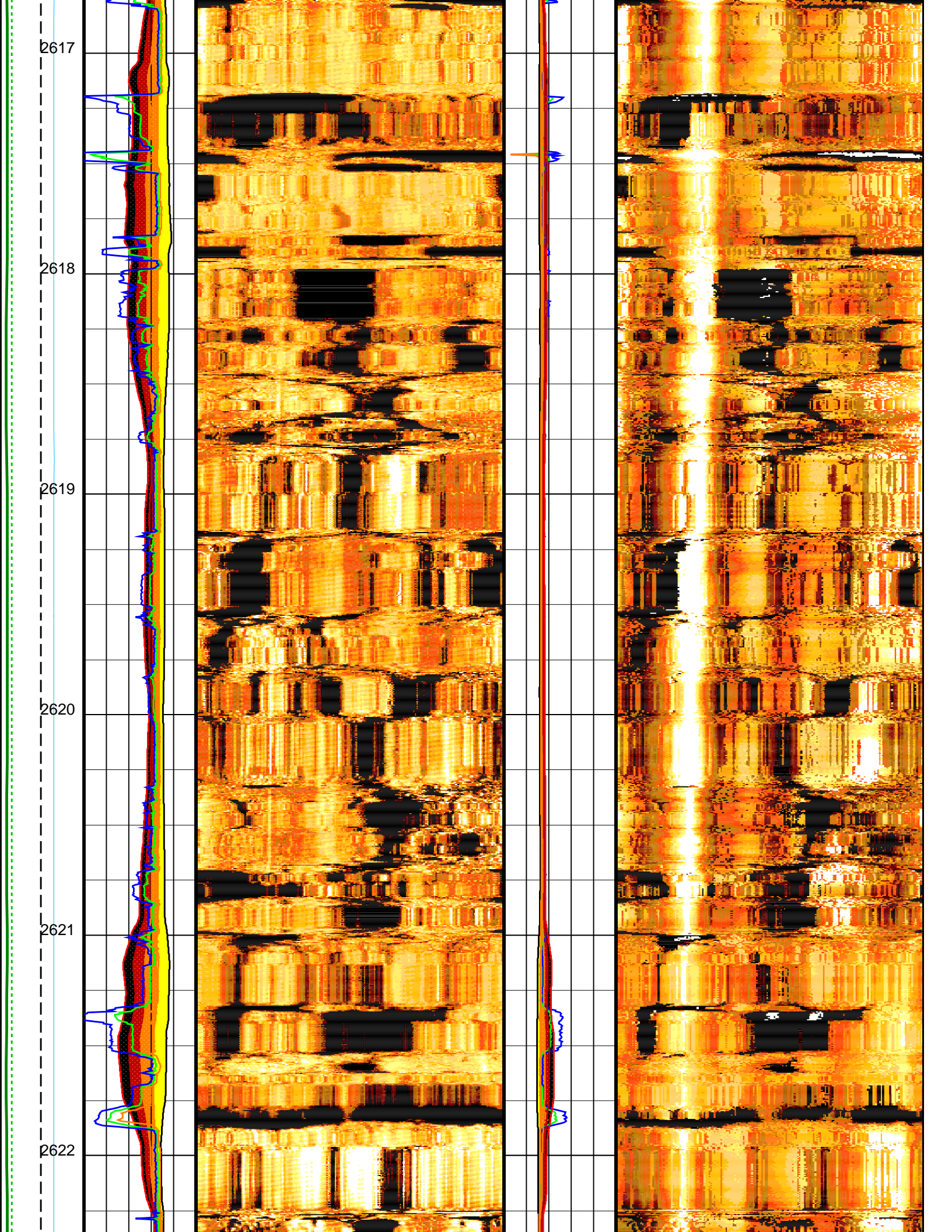












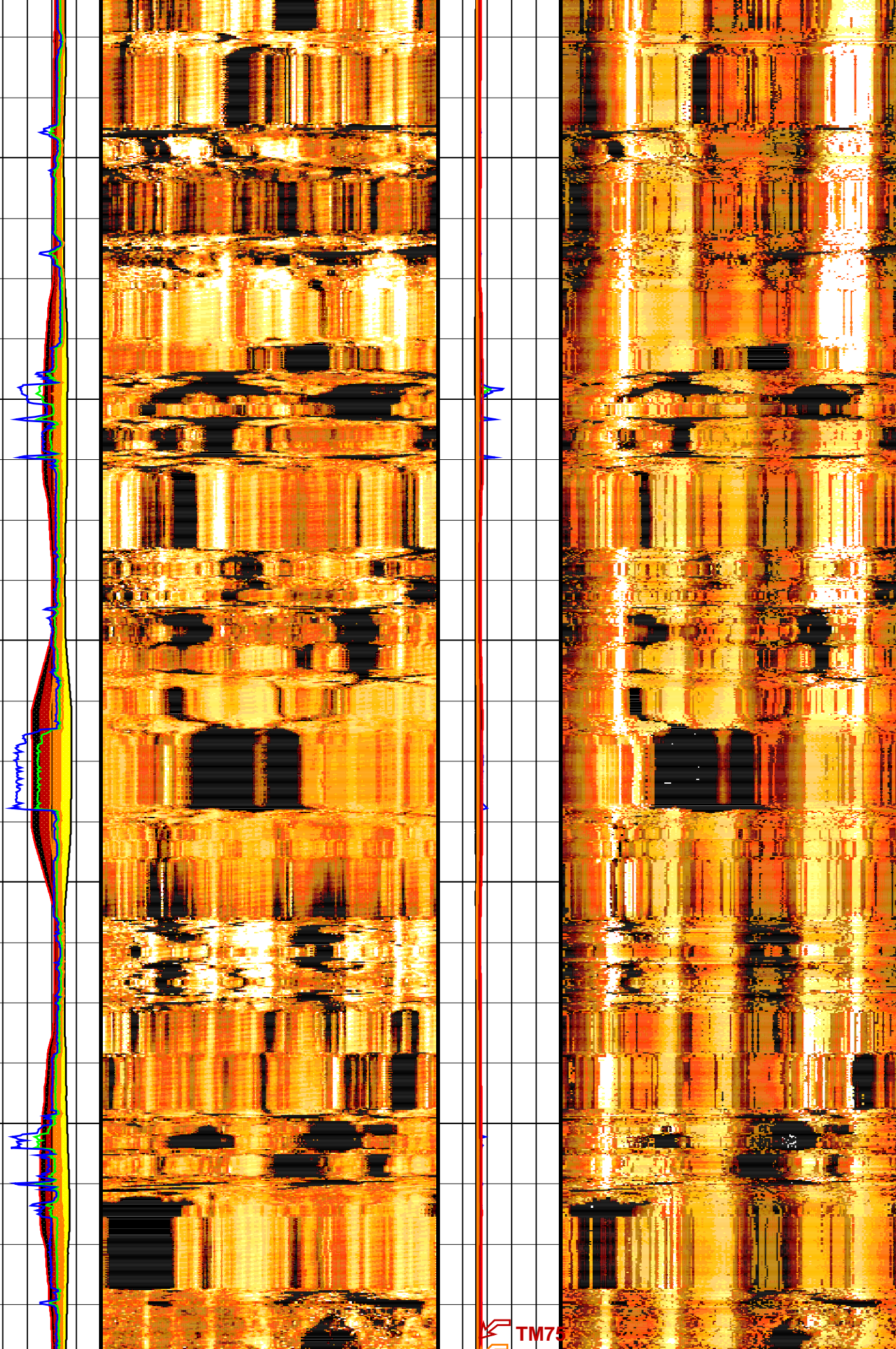
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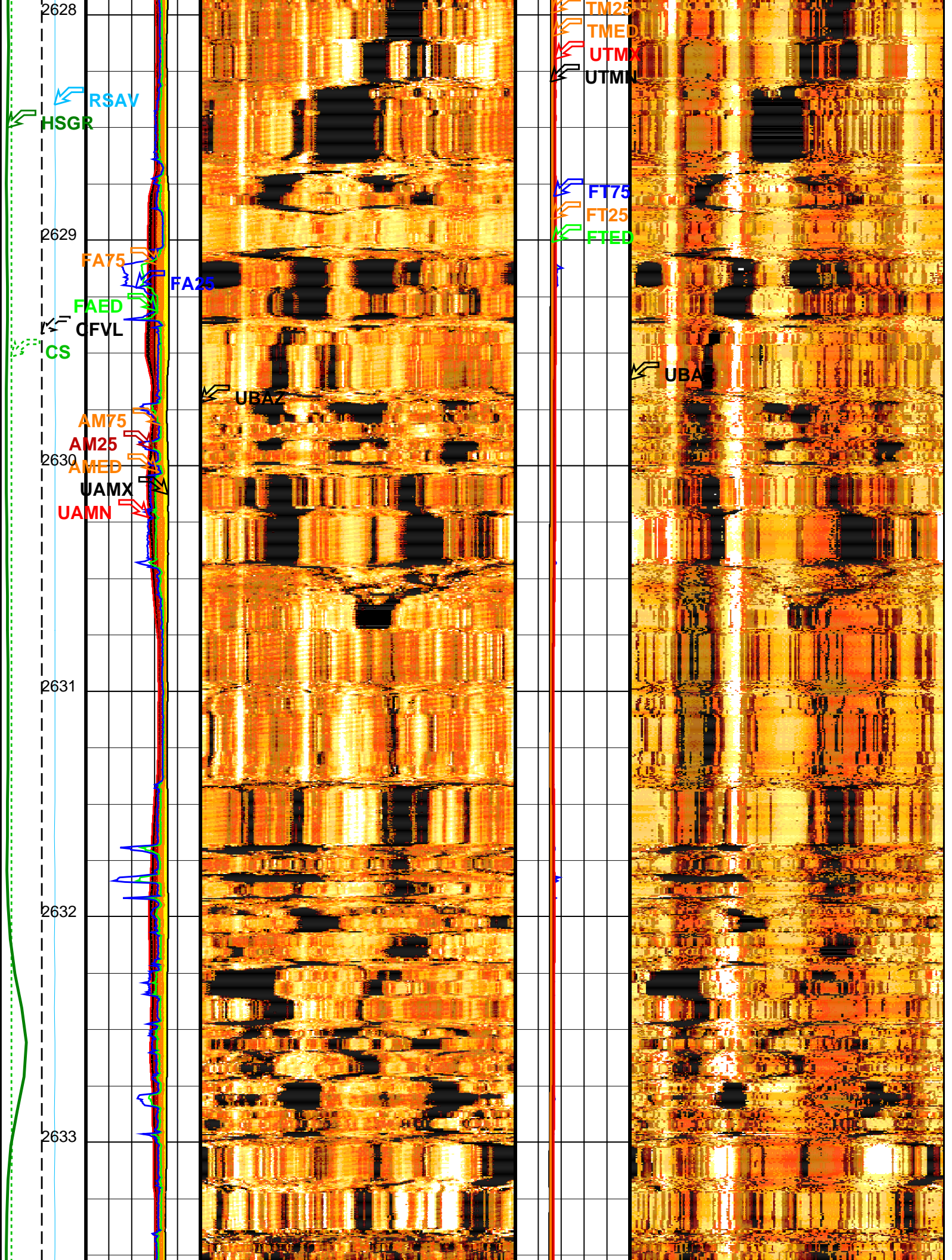
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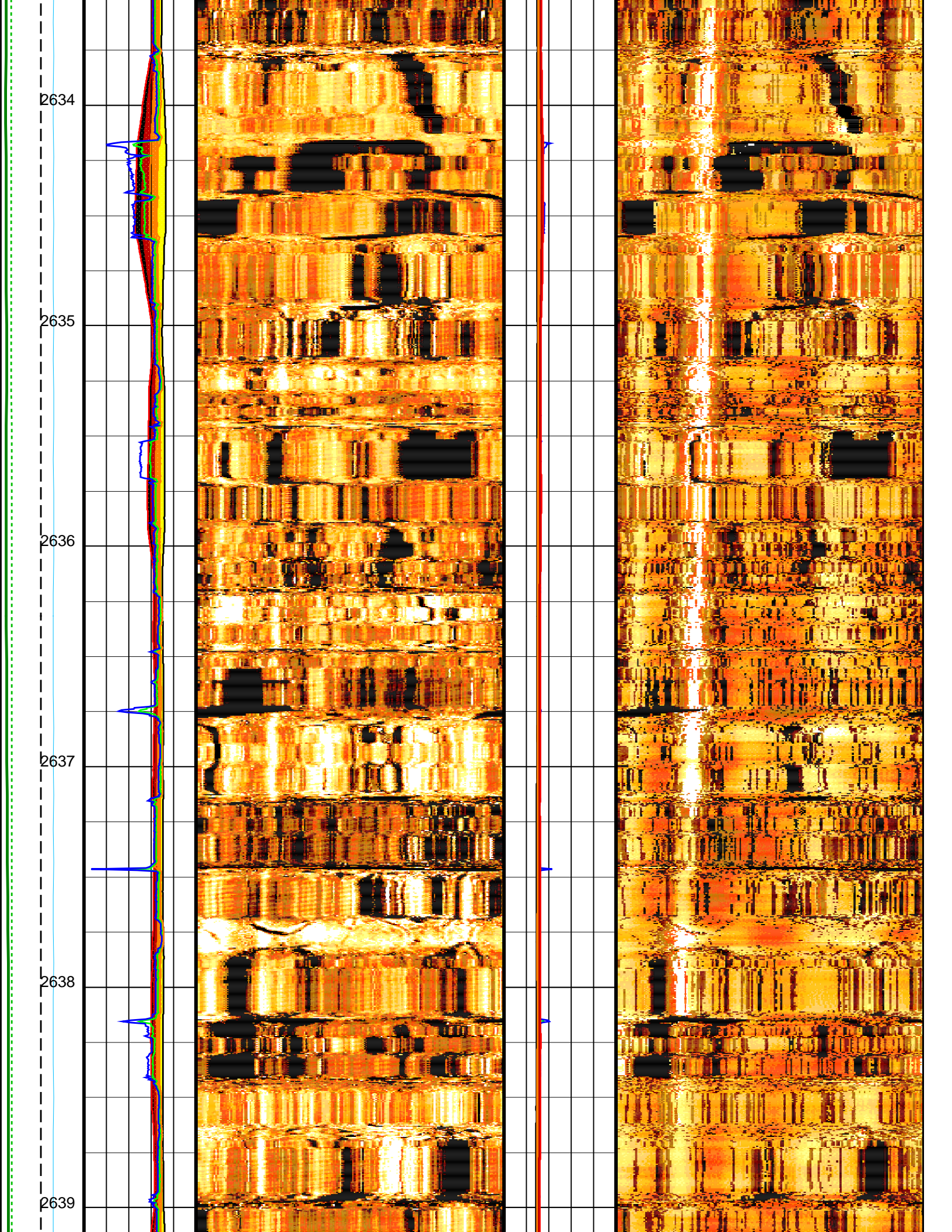
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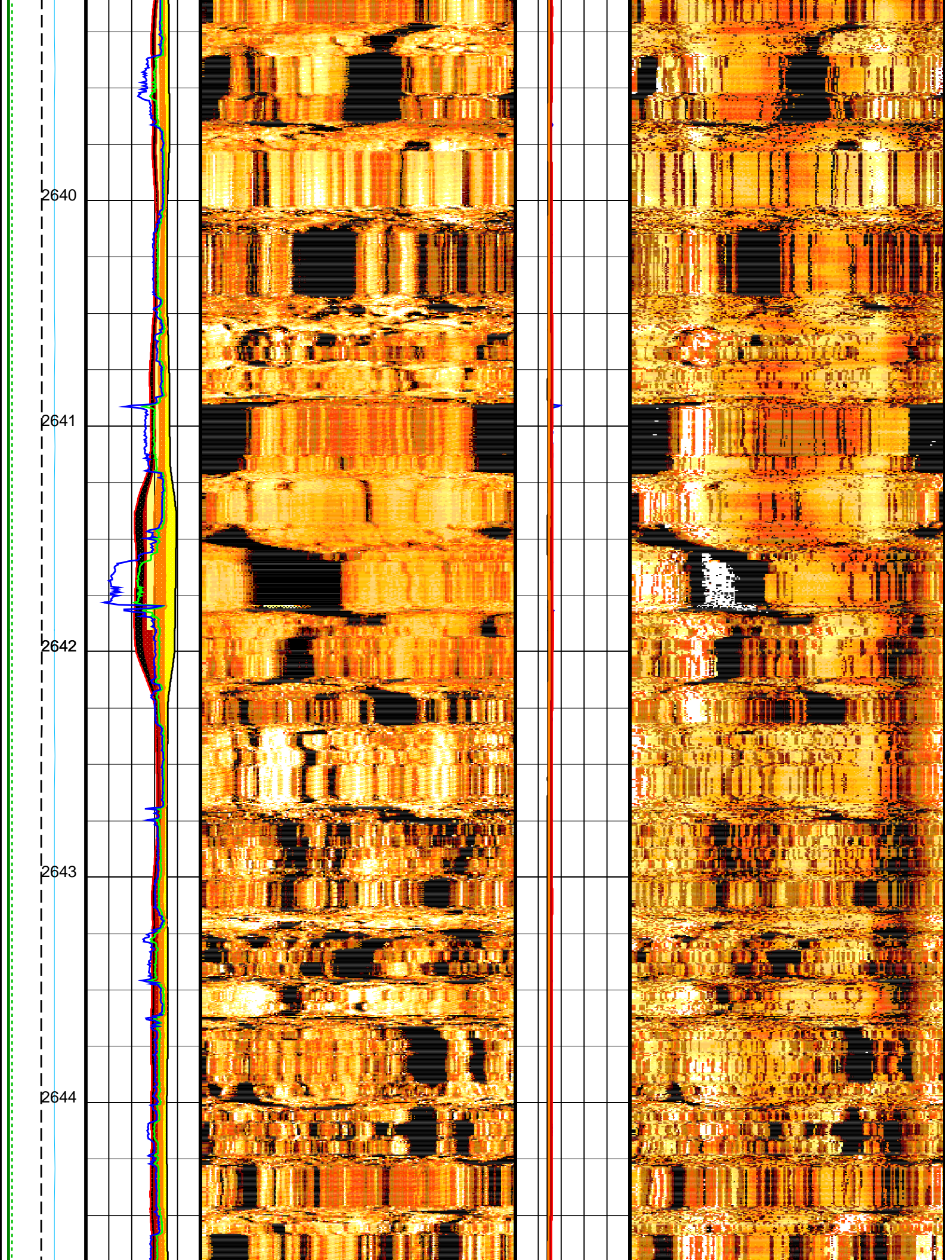
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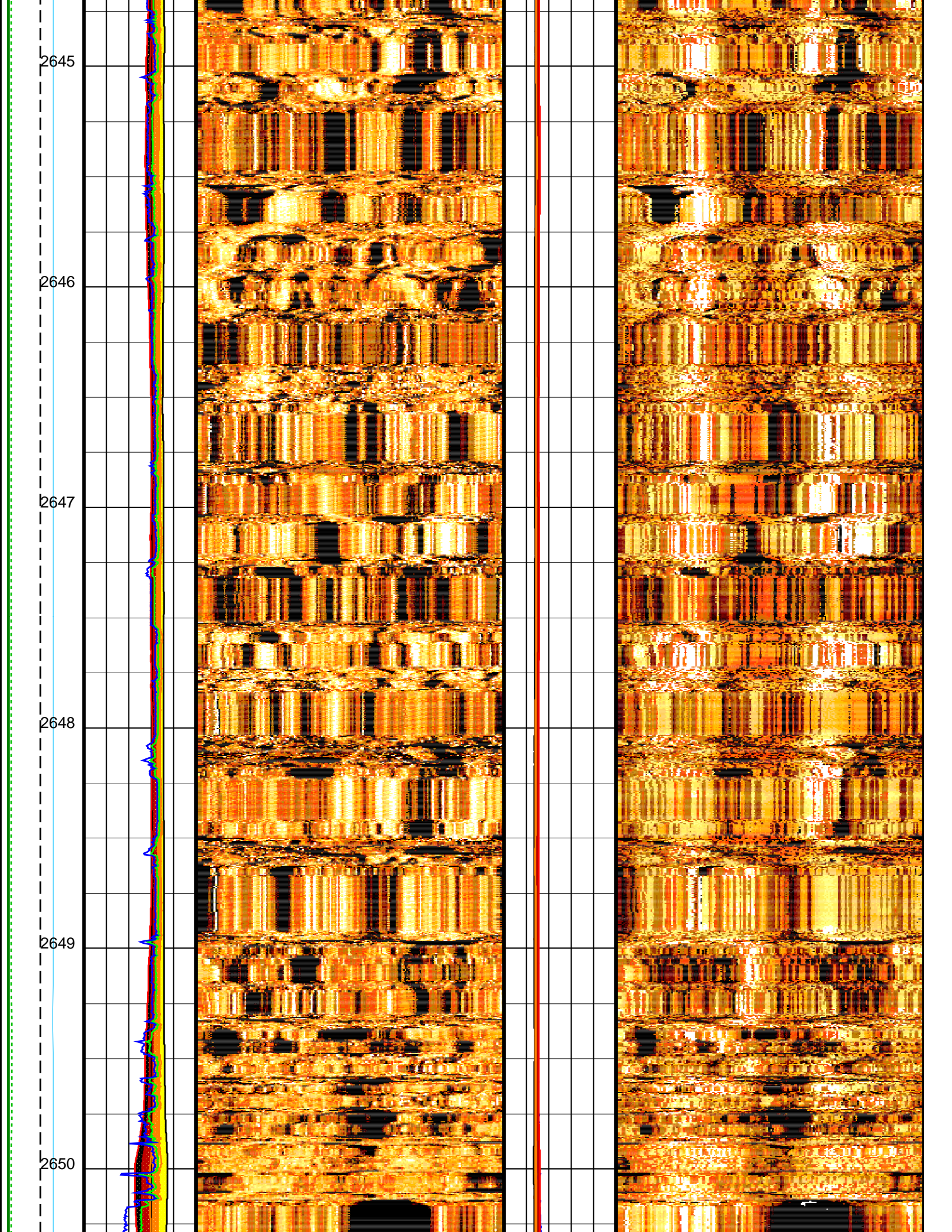
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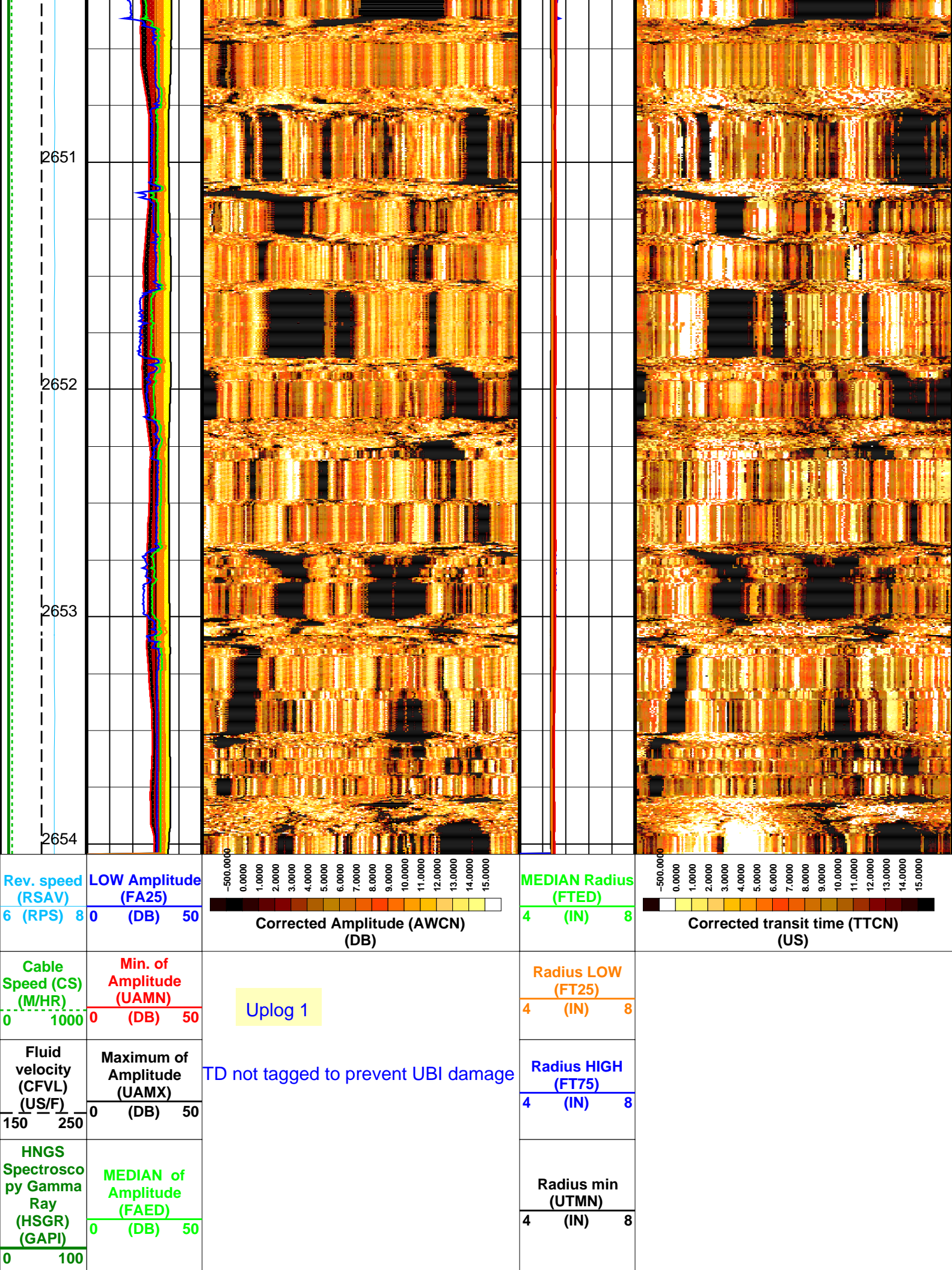












	HIGH Amplitude (FA75)		Radius max (UTMX)	
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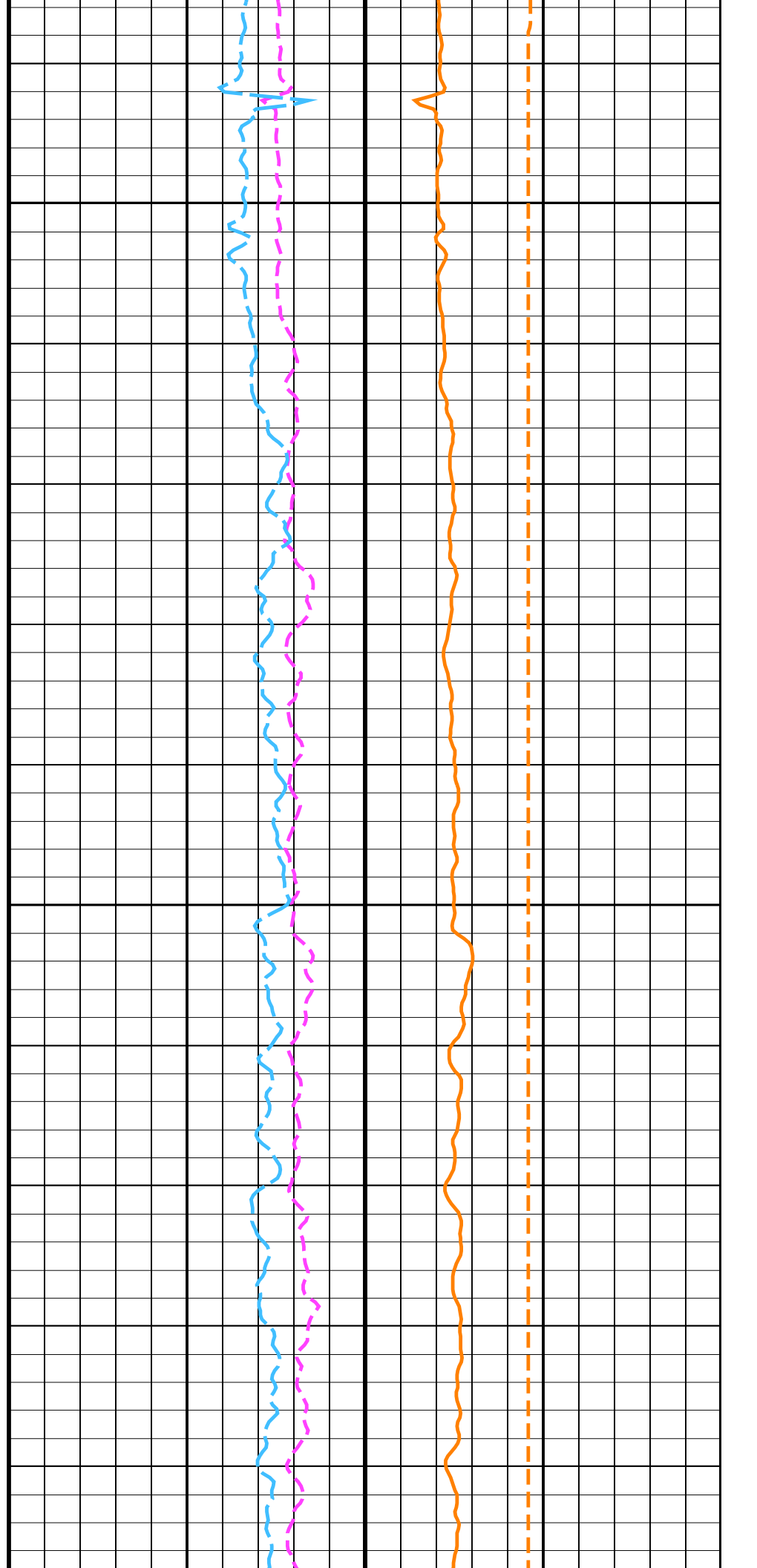
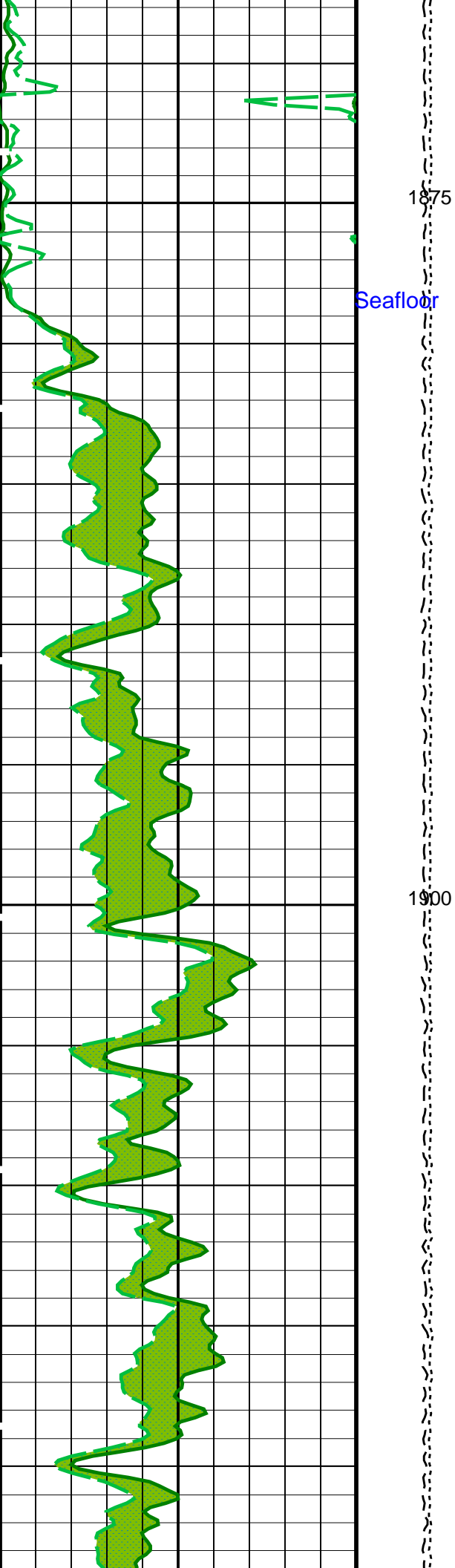
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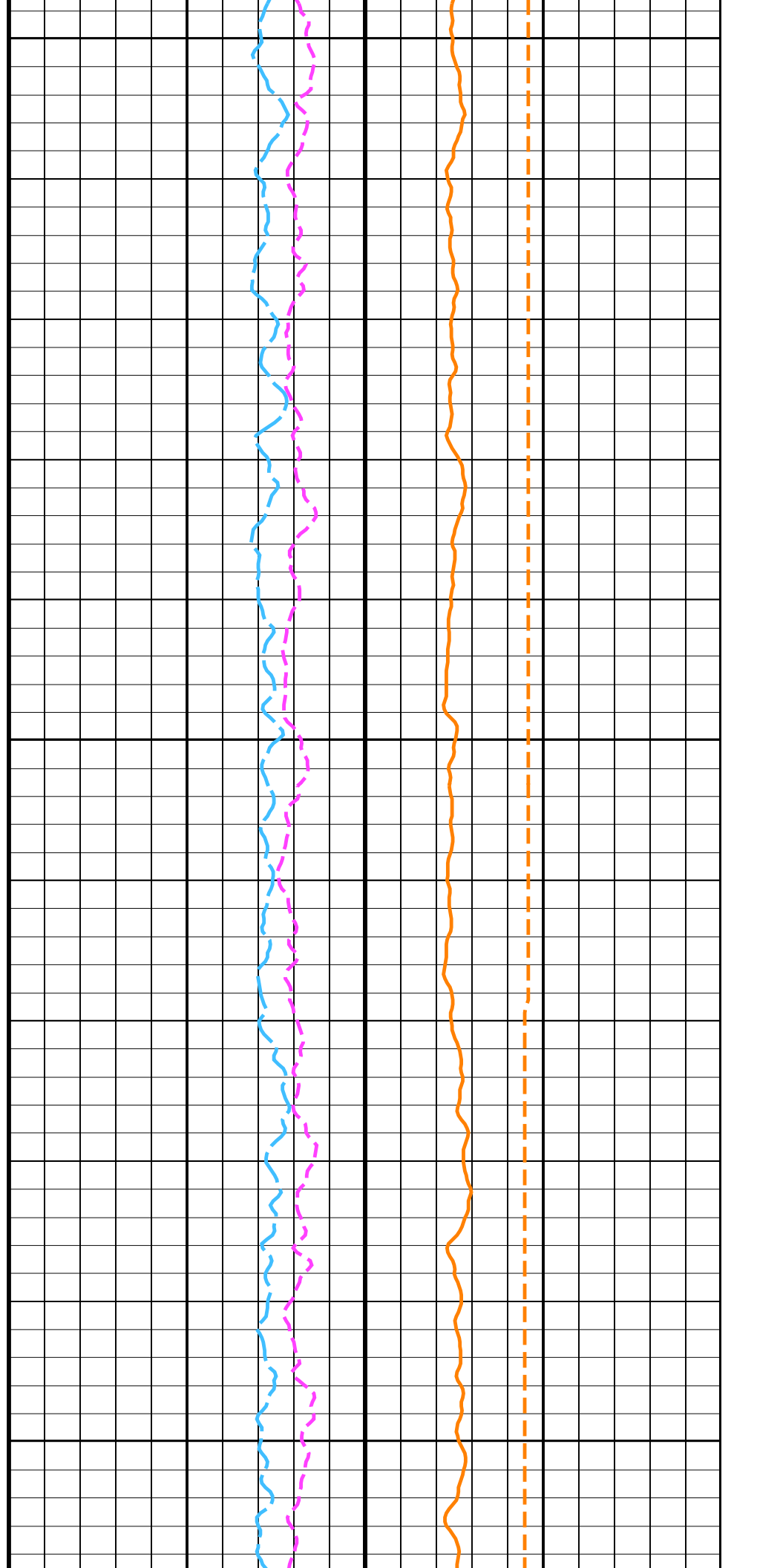
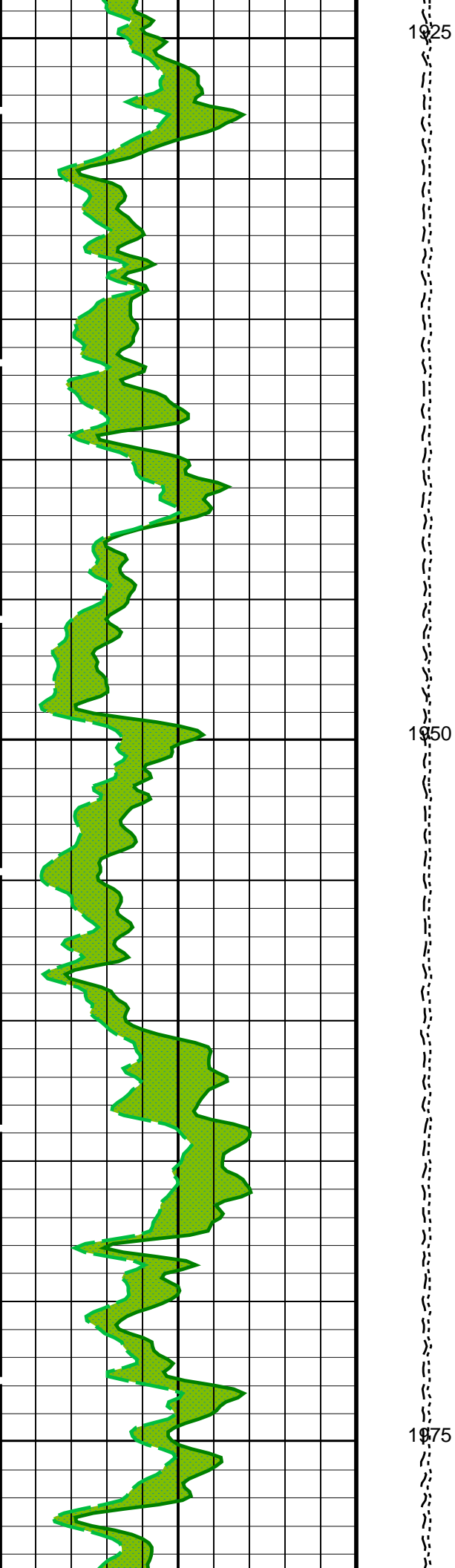
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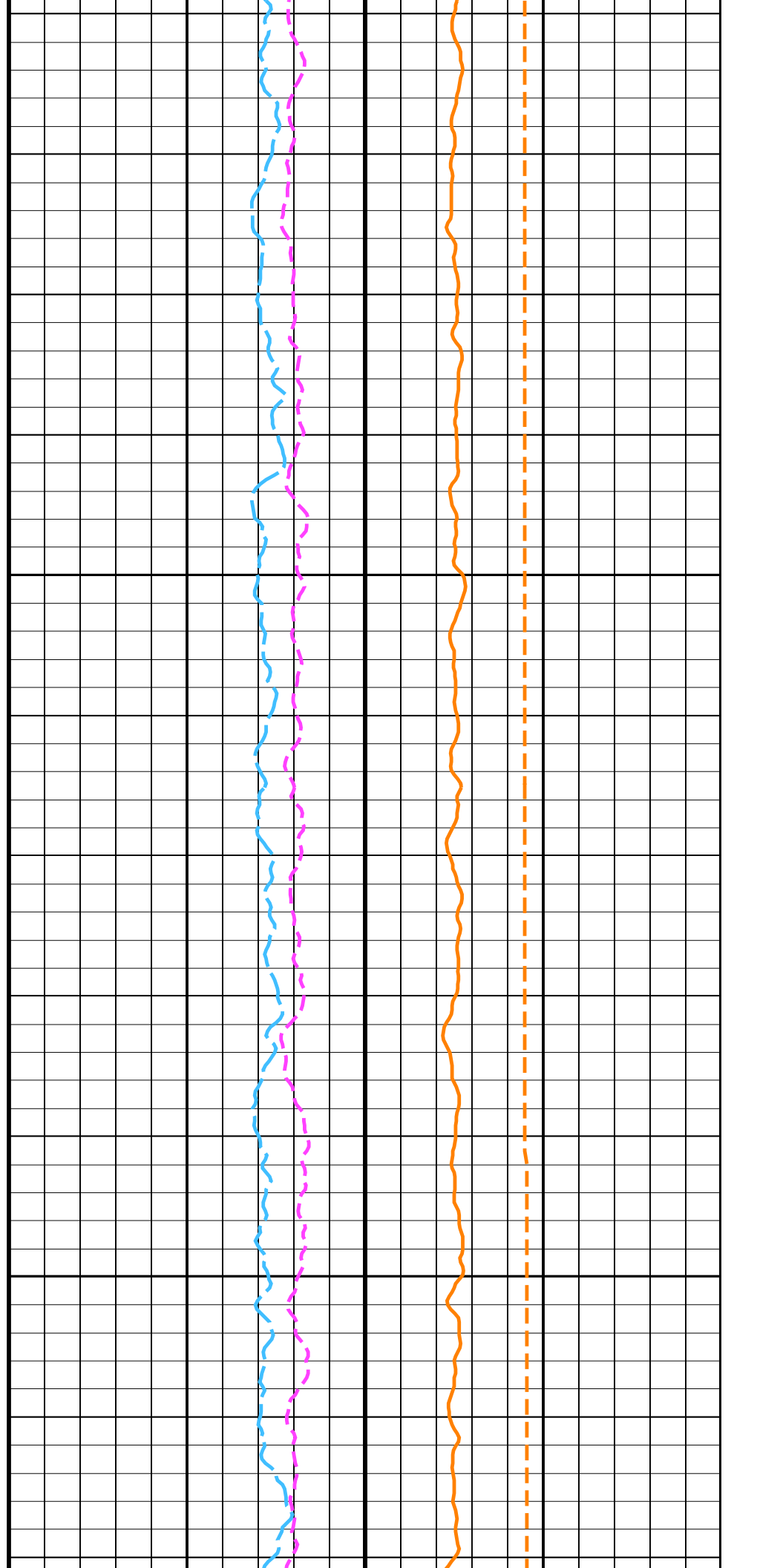
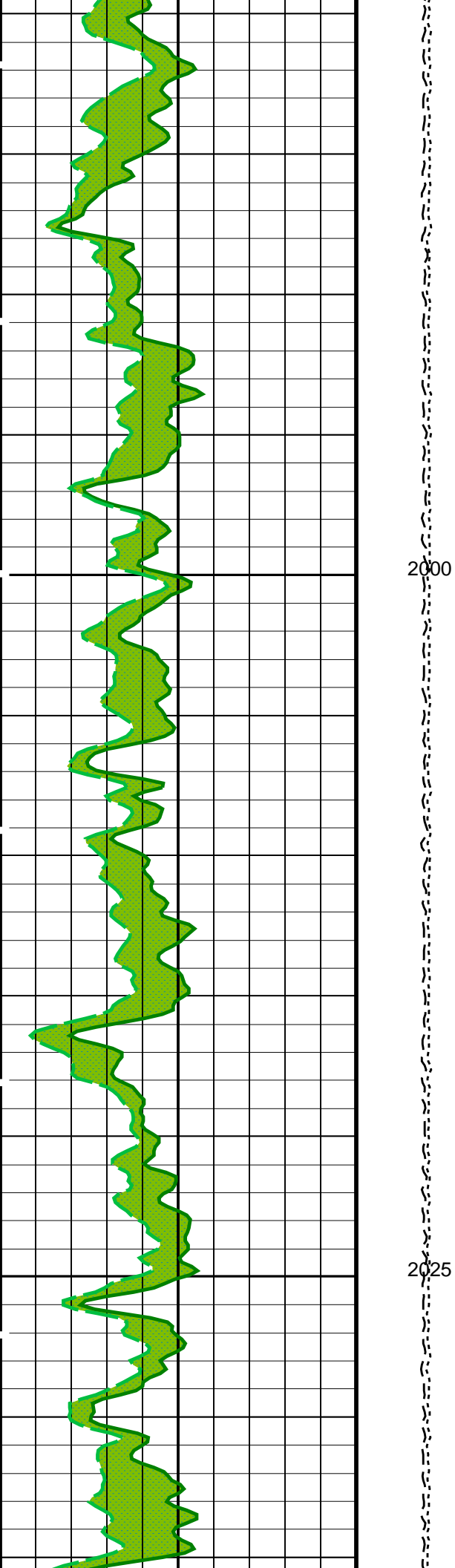
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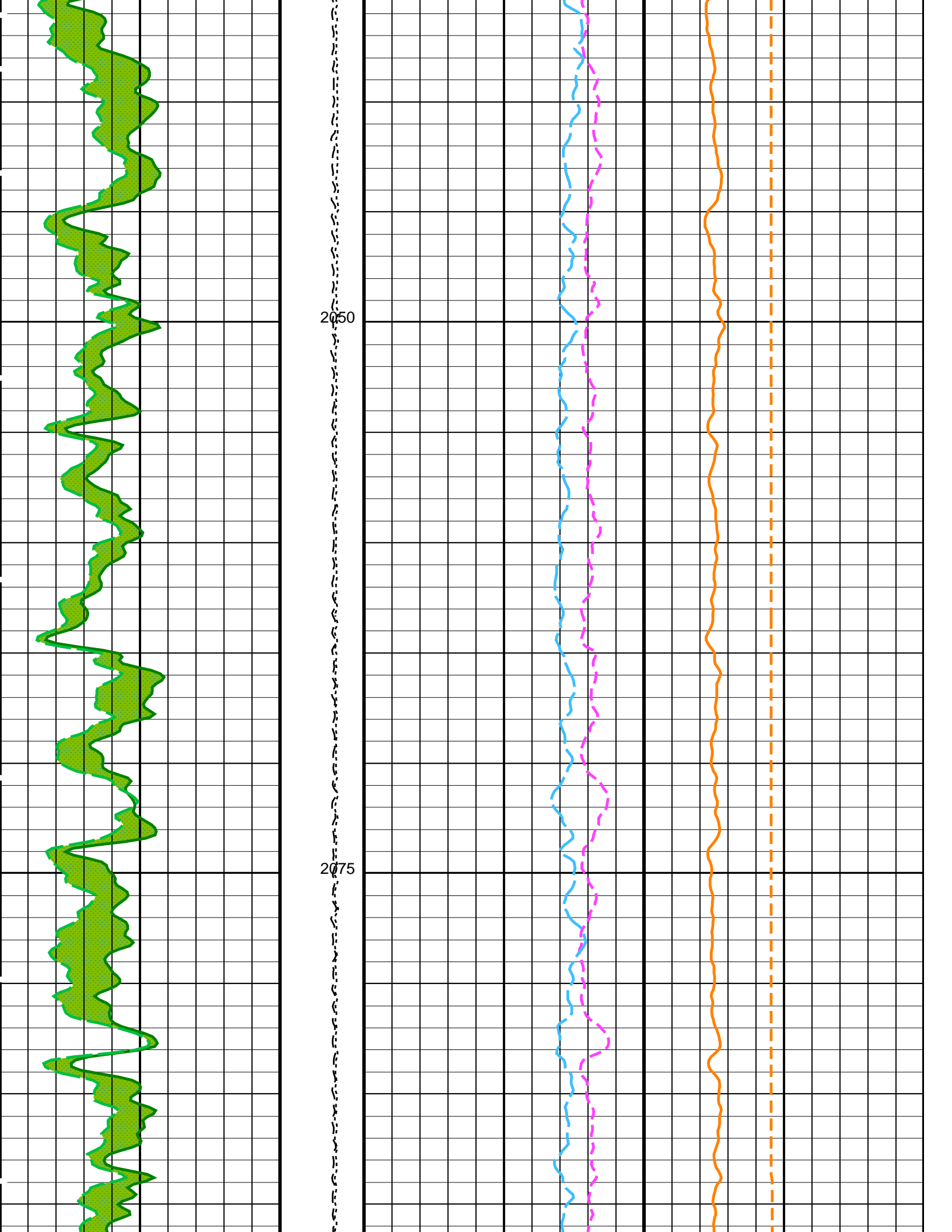
OP System Version: 19C0-187			
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

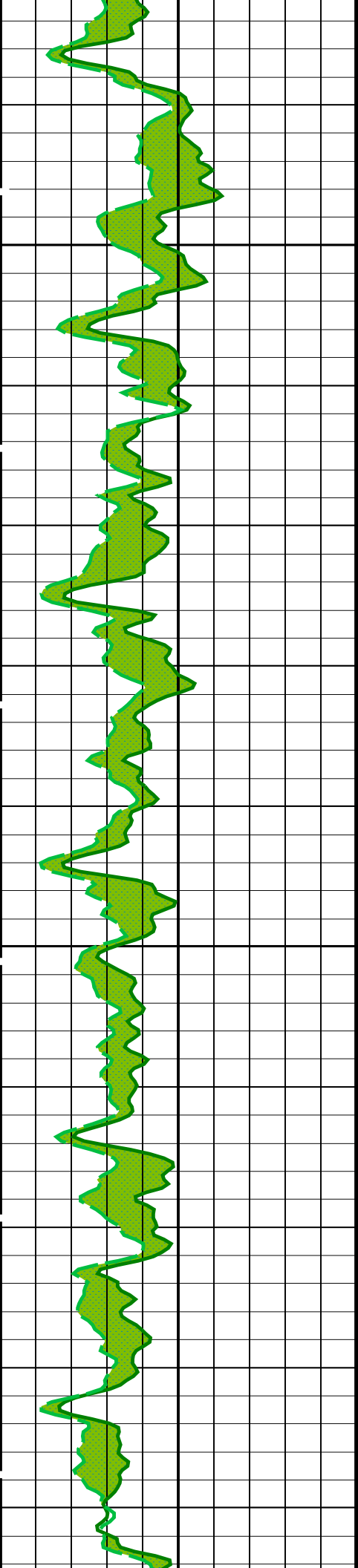
Parameters			
DLIS Name	Description	Value	
UBI-D: Ultrasonic Borehole Imager – D			
AAMN	Automatic Amplitude Minimum Scale	2	DB
ANGO	Angular Offset	–17	DEG
ATMN	Automatic Transit Time Minimum Scale	2	US
CSID	Casing Inner Diameter	10.05	IN
DCMN	Window Decrement Down	0.8	
DCMX	Window Decrement Up	0.6	
DFVL	Default Fluid Velocity	198	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	UBI7_SW500_180_1	
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	10.75	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	–0.00224045	
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	1.62937	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	6.67017	
UHSV: UBI Hole Shape Analysis			
AAMN	Automatic Amplitude Minimum Scale	2	DB
ANGO	Angular Offset	–17	DEG
ATMN	Automatic Transit Time Minimum Scale	2	US
CSID	Casing Inner Diameter	10.05	IN
DCMN	Window Decrement Down	0.8	
DCMX	Window Decrement Up	0.6	
DFVL	Default Fluid Velocity	198	US/F
DOT	Diameter of Tool	1.85	IN





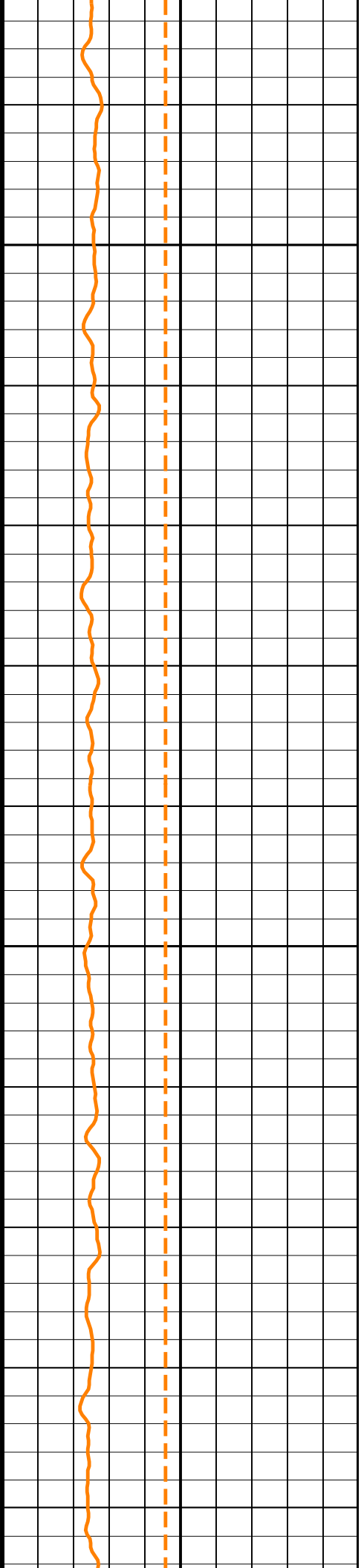
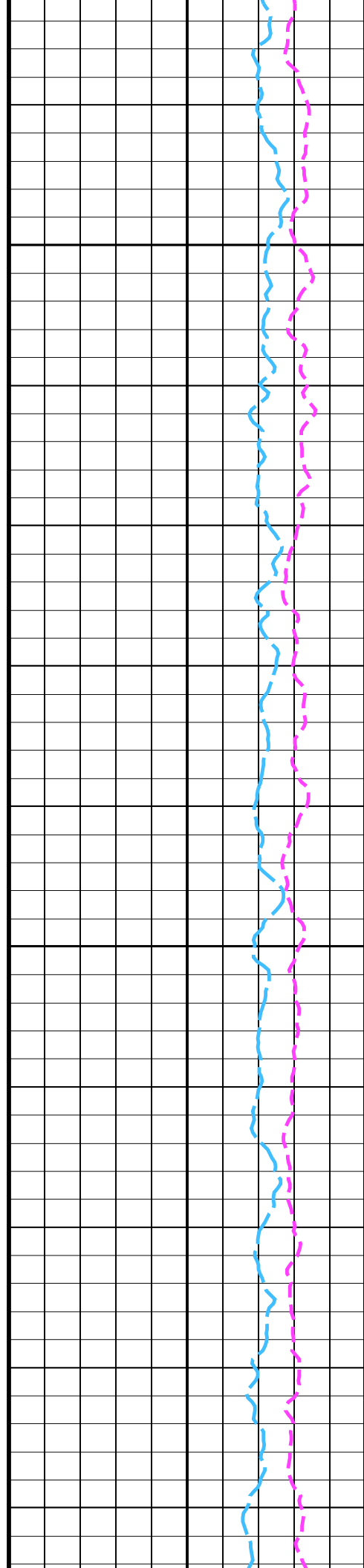


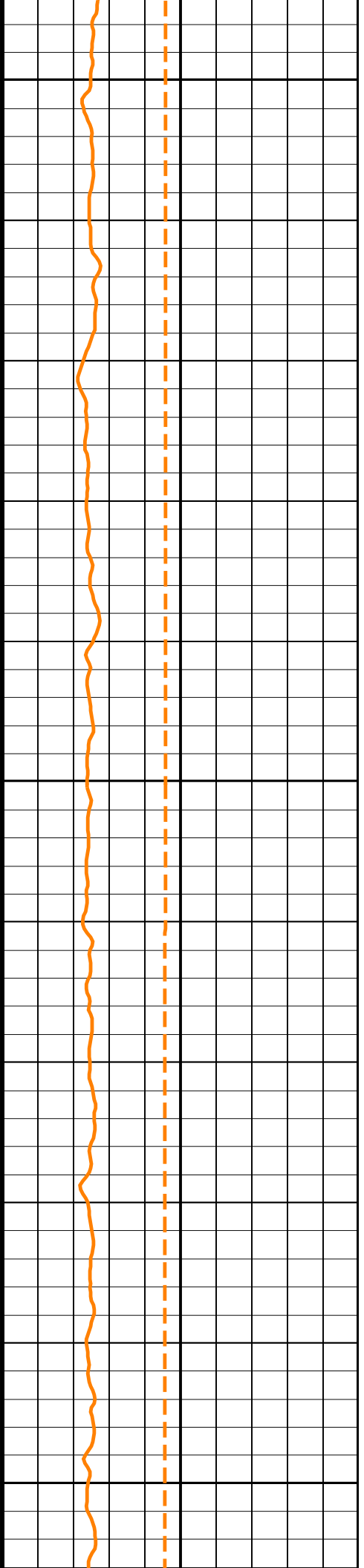
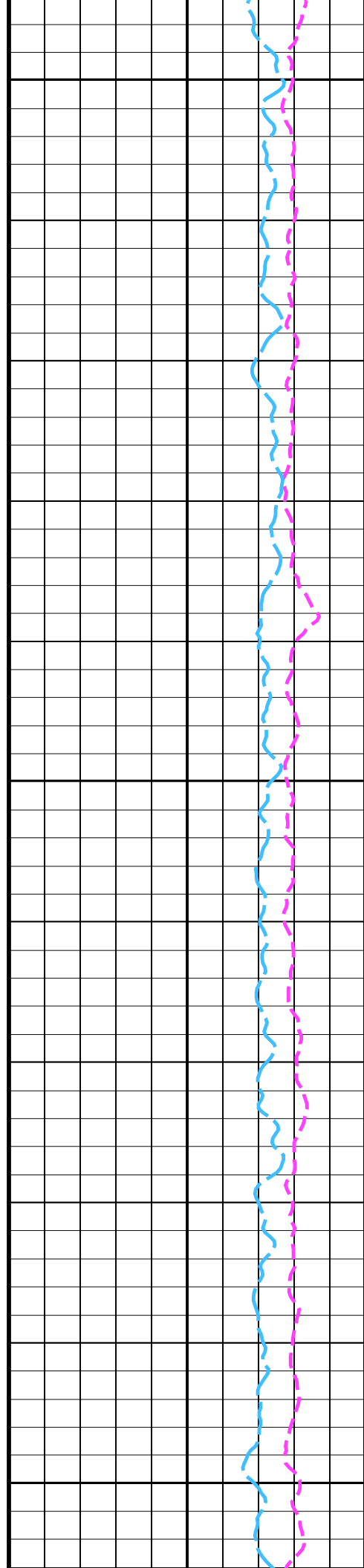
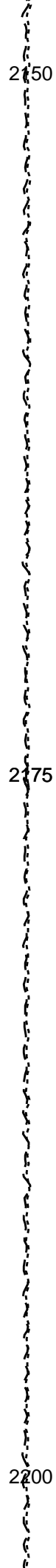
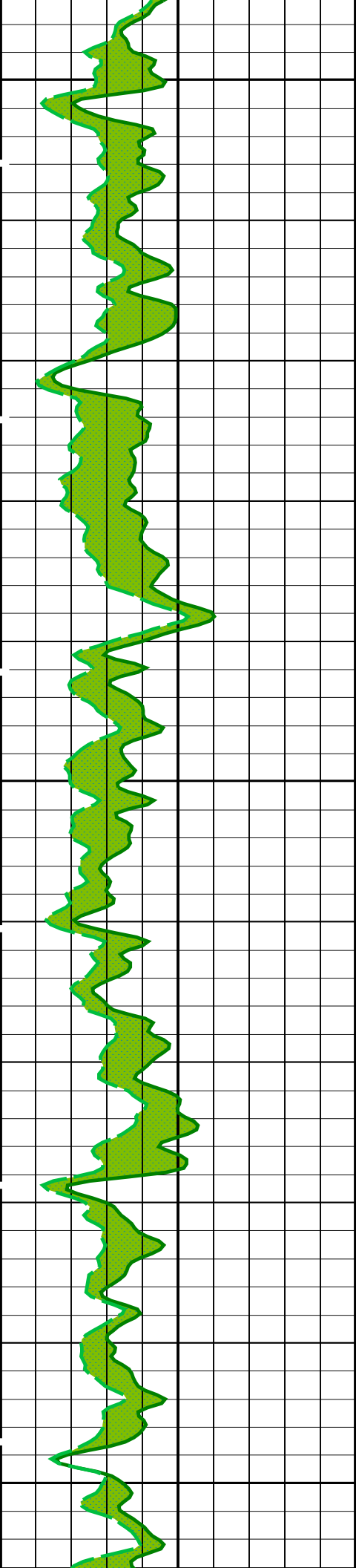


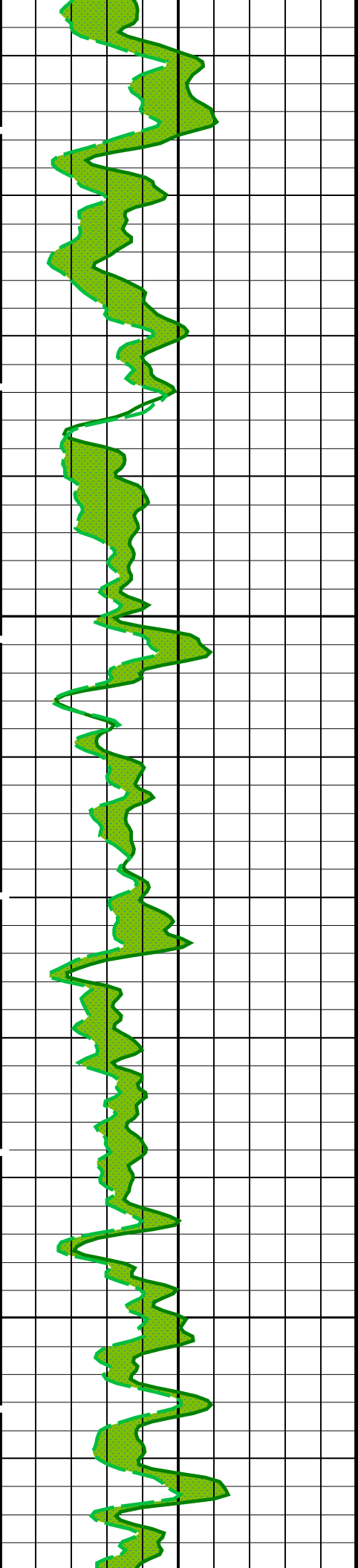


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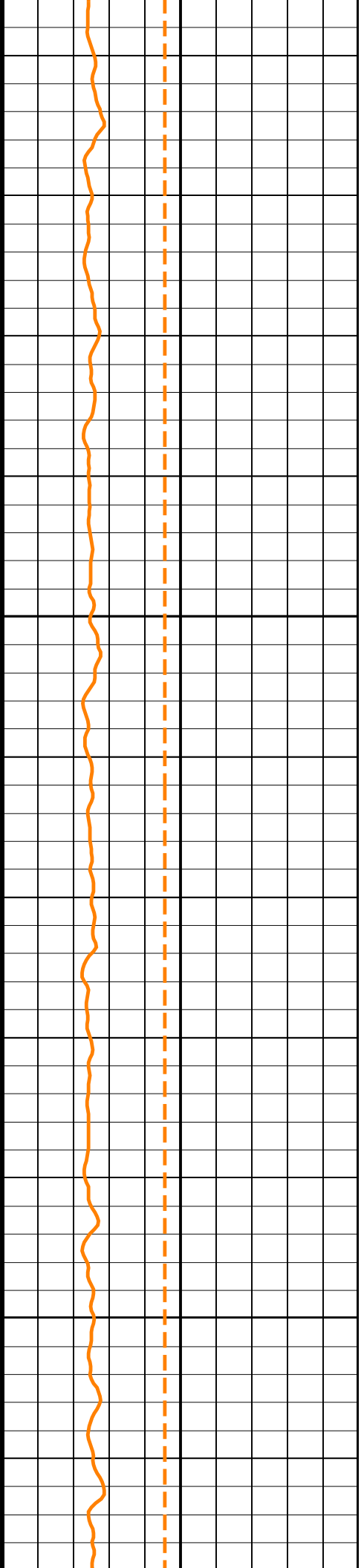
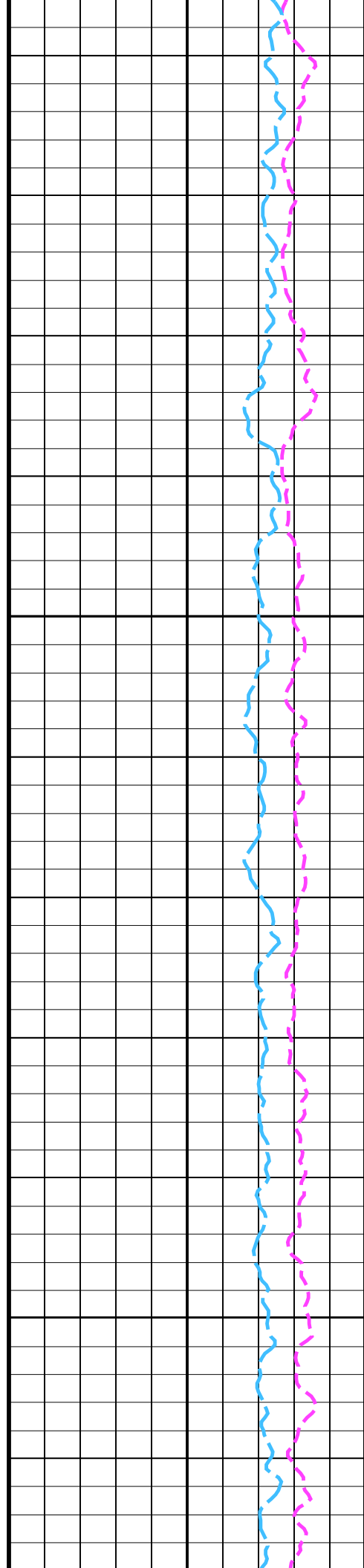
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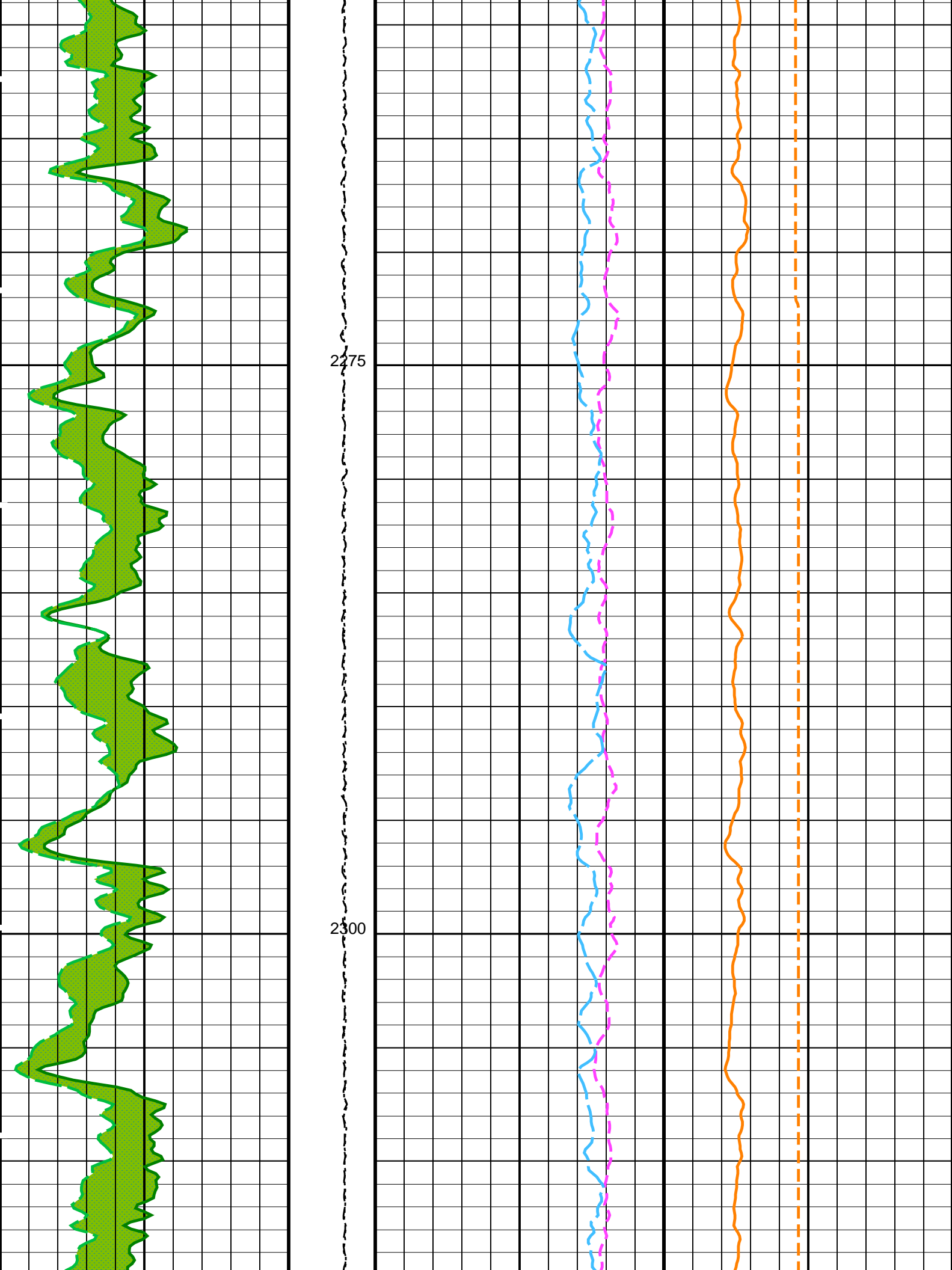


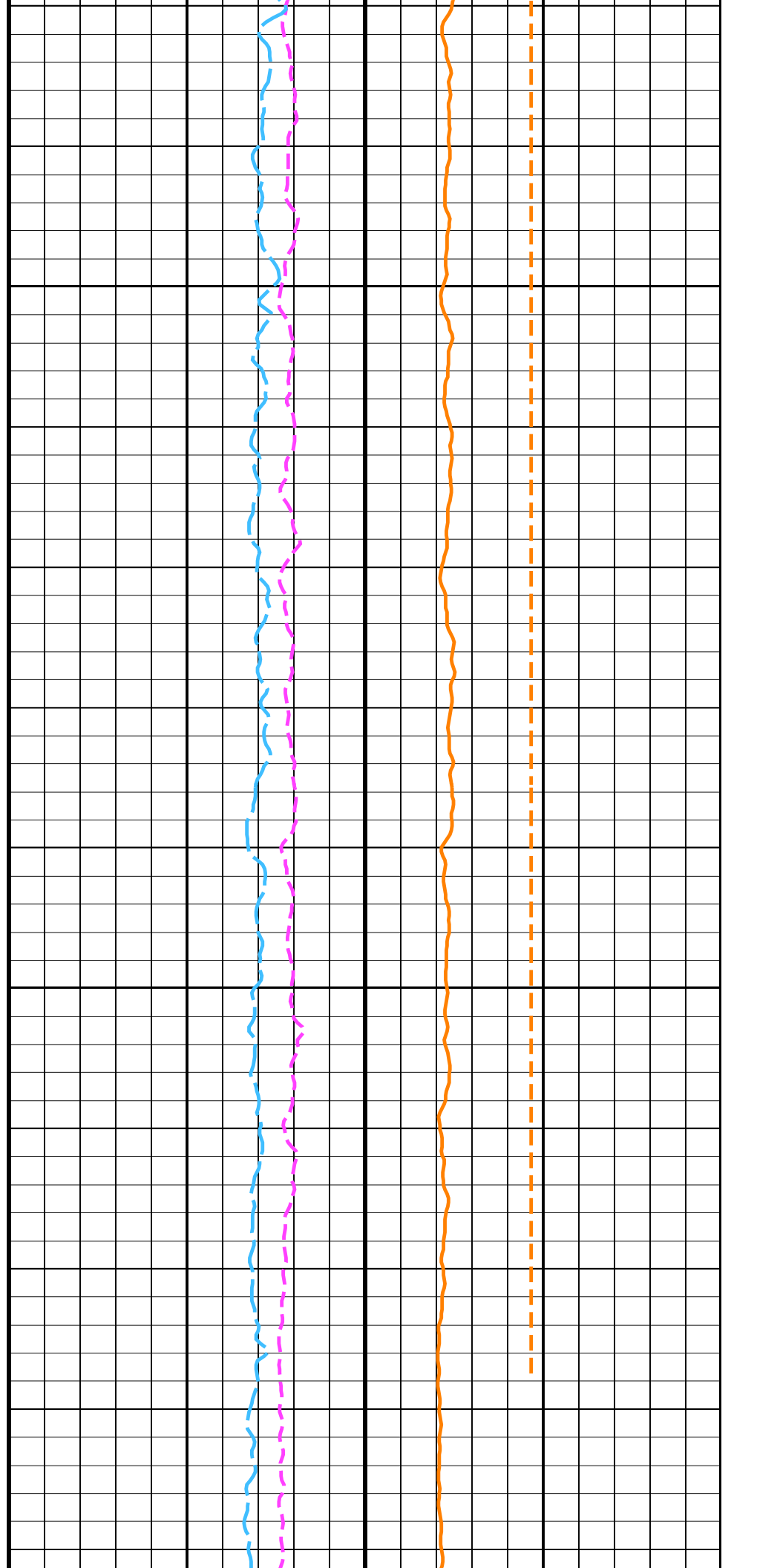
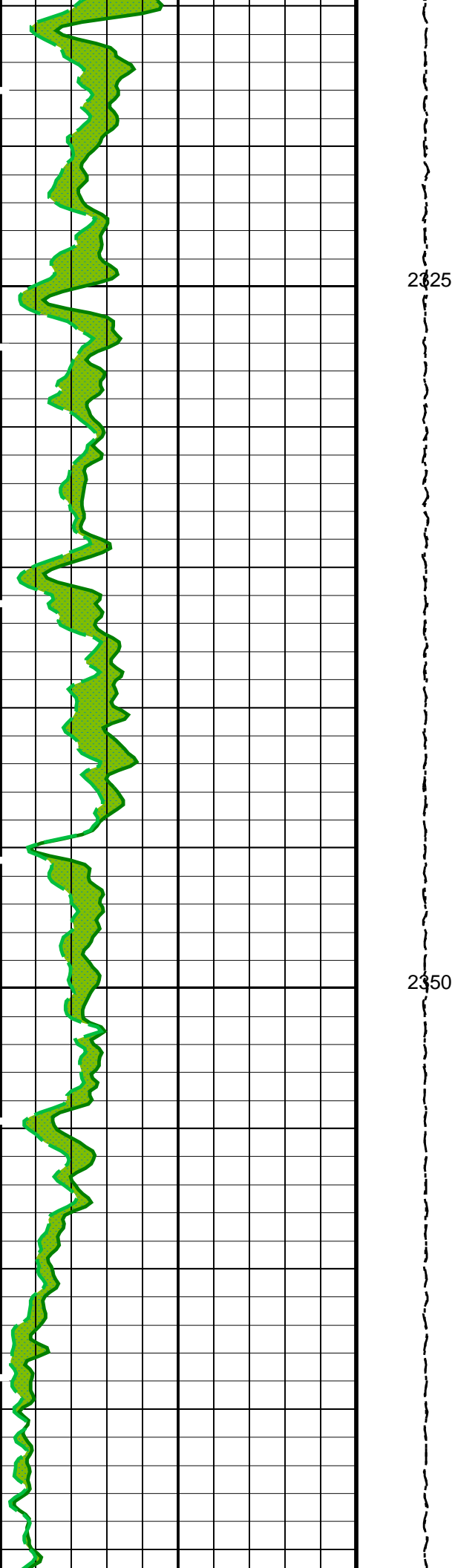


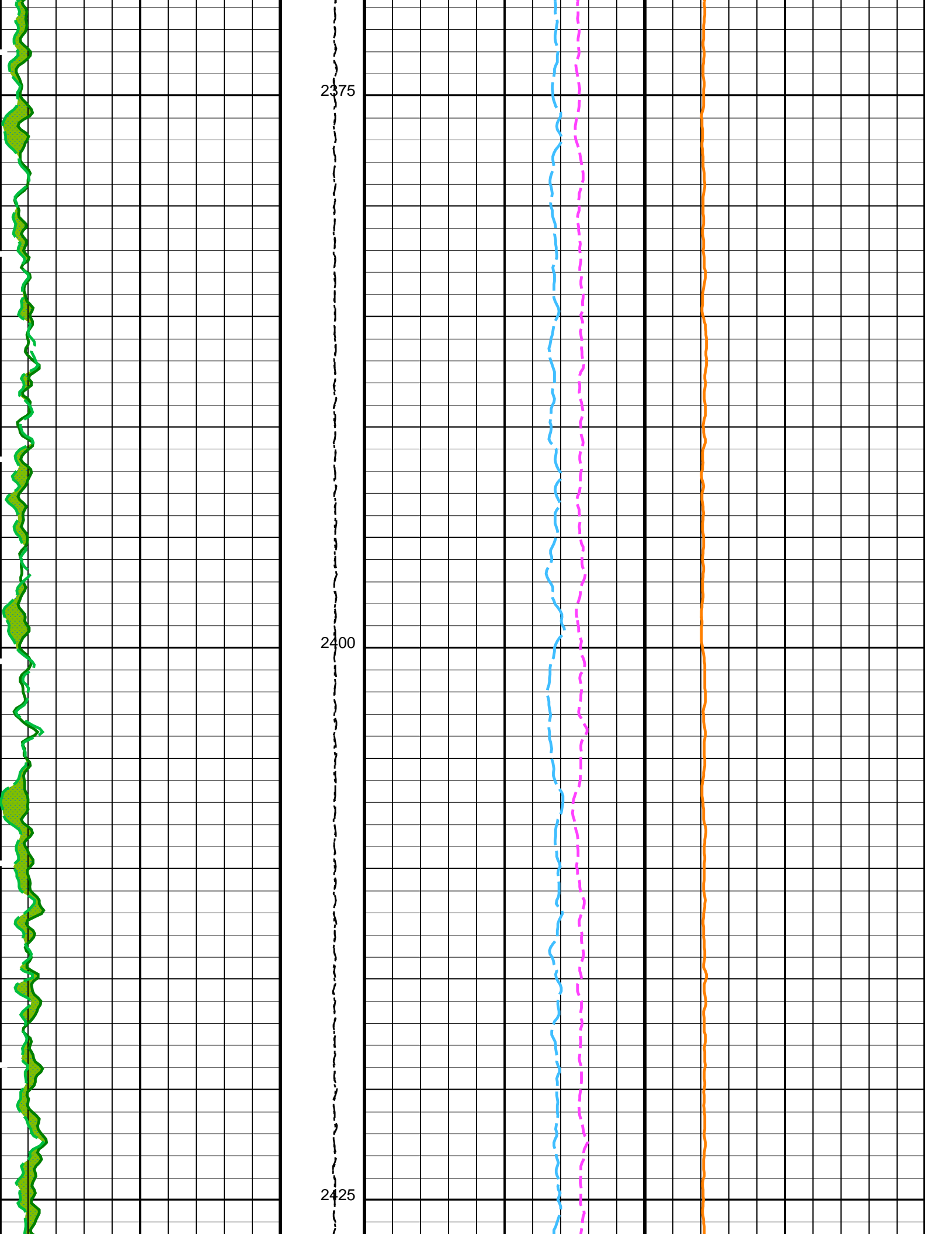


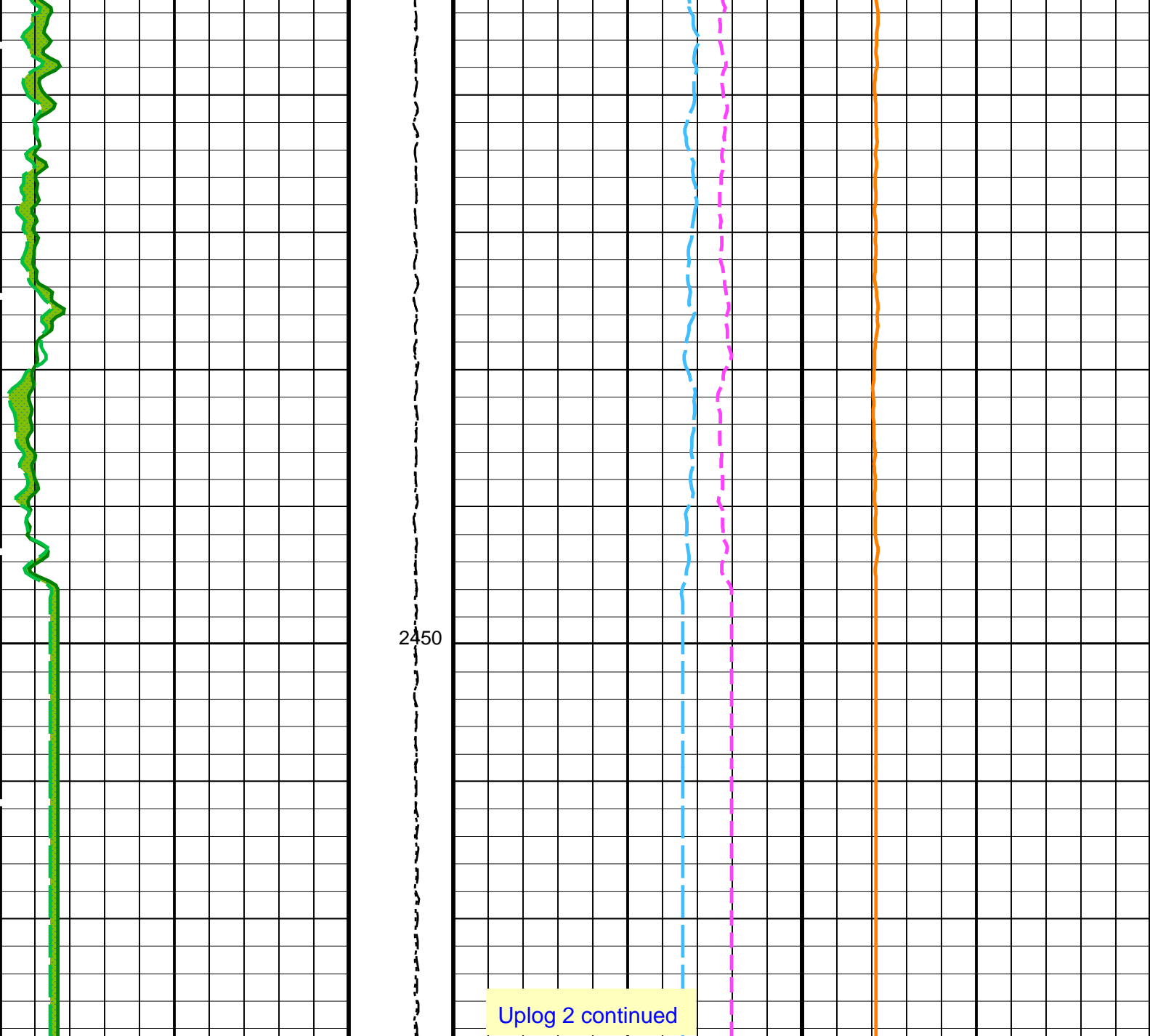
2250











Uplog 2 continued

<div>HNGS Computed Gamma Ray (HCGR) (GAPI)</div> <div>025</div>	<div>Tension (TENS) (LBF)</div> <div>100000</div>	<div>HNGS Thorium (HTHO) (PPM)</div> <div>525</div>	<div>HNGS Potassium (HFK) (-----)</div> <div>-0.010.04</div>
	<div>Calibrated Downhole Force (CDF) (LBF)</div> <div>30000</div>	<div>HNGS Uranium (HURA) (PPM)</div> <div>-510</div>	
<div>HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)</div> <div>025</div>			<div>HNGS Borehole Potassium (HBHK) (-----)</div> <div>-0.050.05</div>

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
HNGS_RA: Hostile Natural Gamma Ray Sende		

BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	CASED	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	10.75	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	-0.000621925	
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	1.02428	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.07036	
BS	System and Miscellaneous Bit Size	9.875	IN

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 09-Jul-2021 12:08

OP System Version: 19C0-187

UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

Output DLIS Files					
DEFAULT	UBI_NGS_049LUP	FN:81	PRODUCER	09-Jul-2021 12:08	
BACKUP	UBI_NGS_049LUP	FN:82	PRODUCER	09-Jul-2021 12:08	

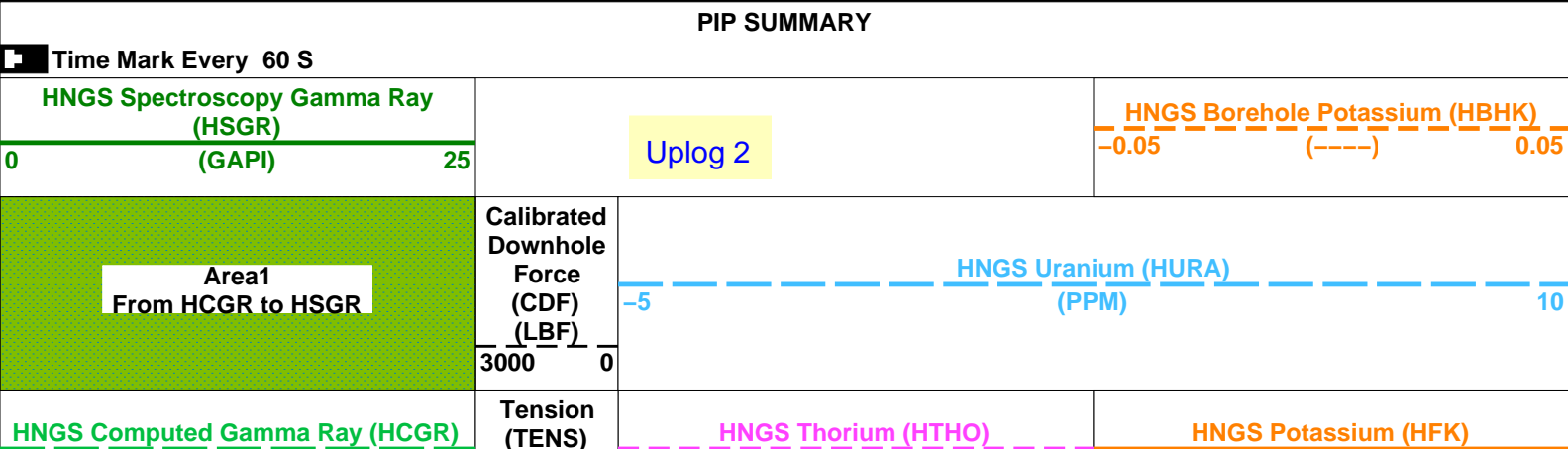
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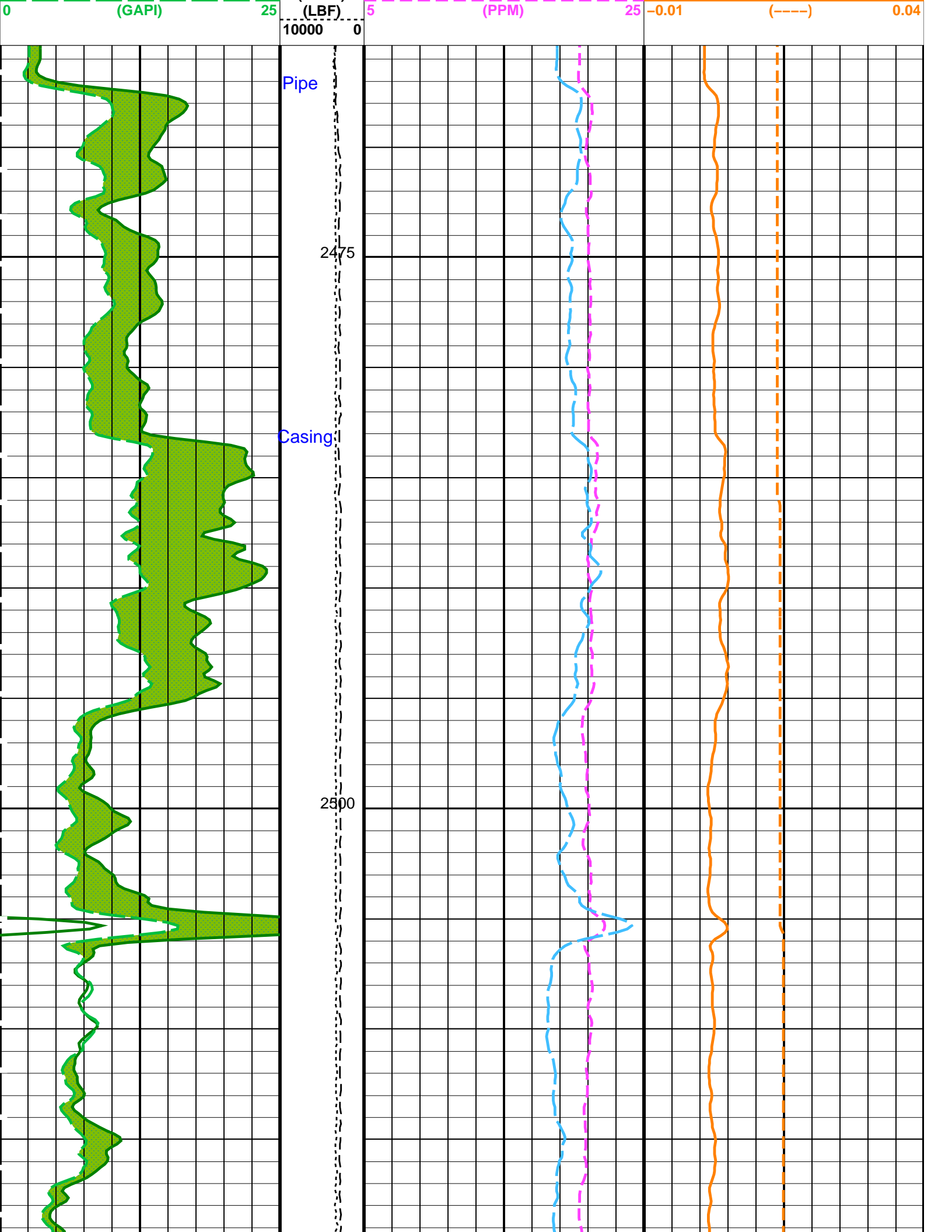
DEFAULT	UBI_NGS_048LUP	FN:79	PRODUCER	09-Jul-2021 10:32	2654.0 M	2465.8 M
BACKUP	UBI_NGS_048LUP	FN:80	PRODUCER	09-Jul-2021 10:32	2654.0 M	2465.8 M

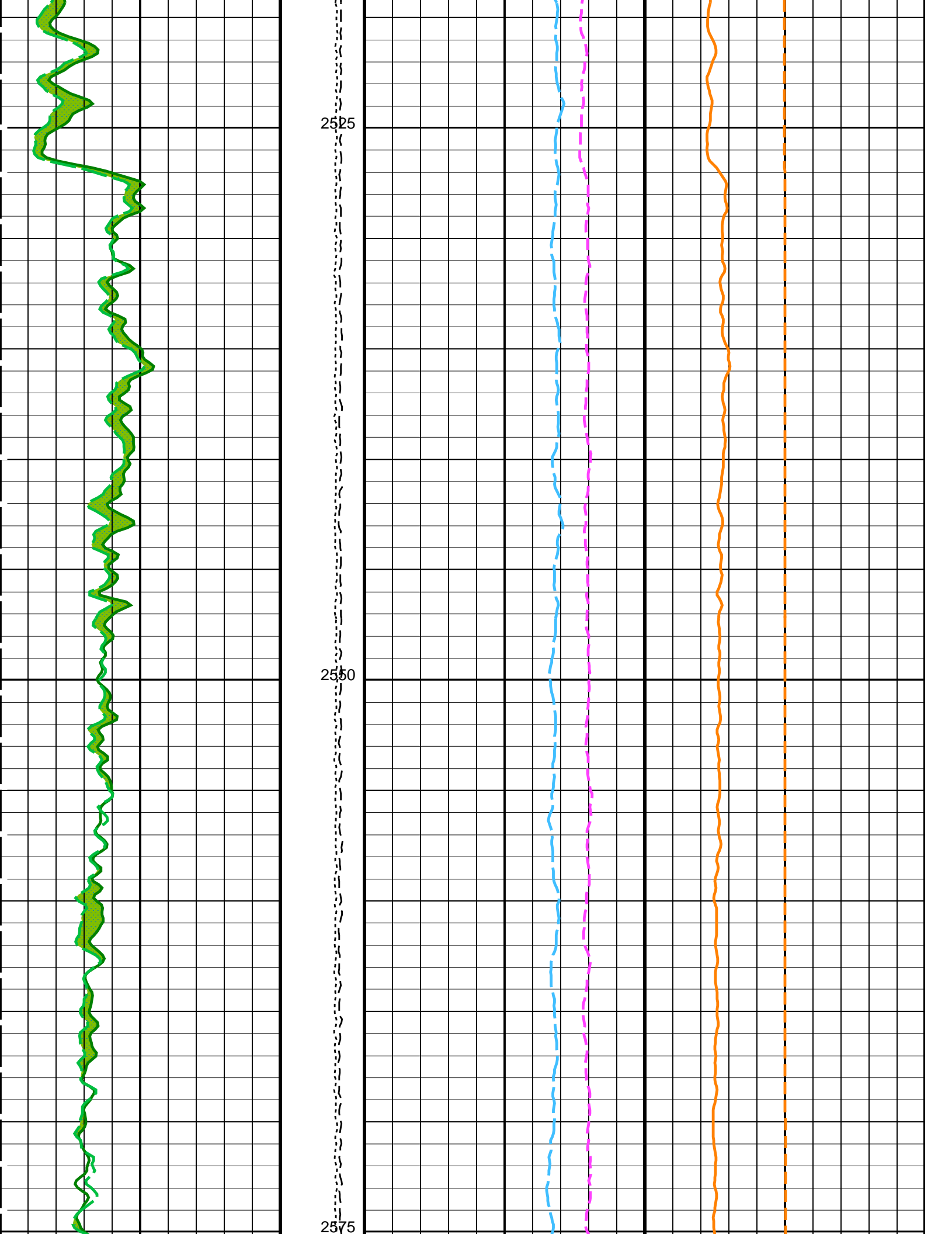
OP System Version: 19C0-187

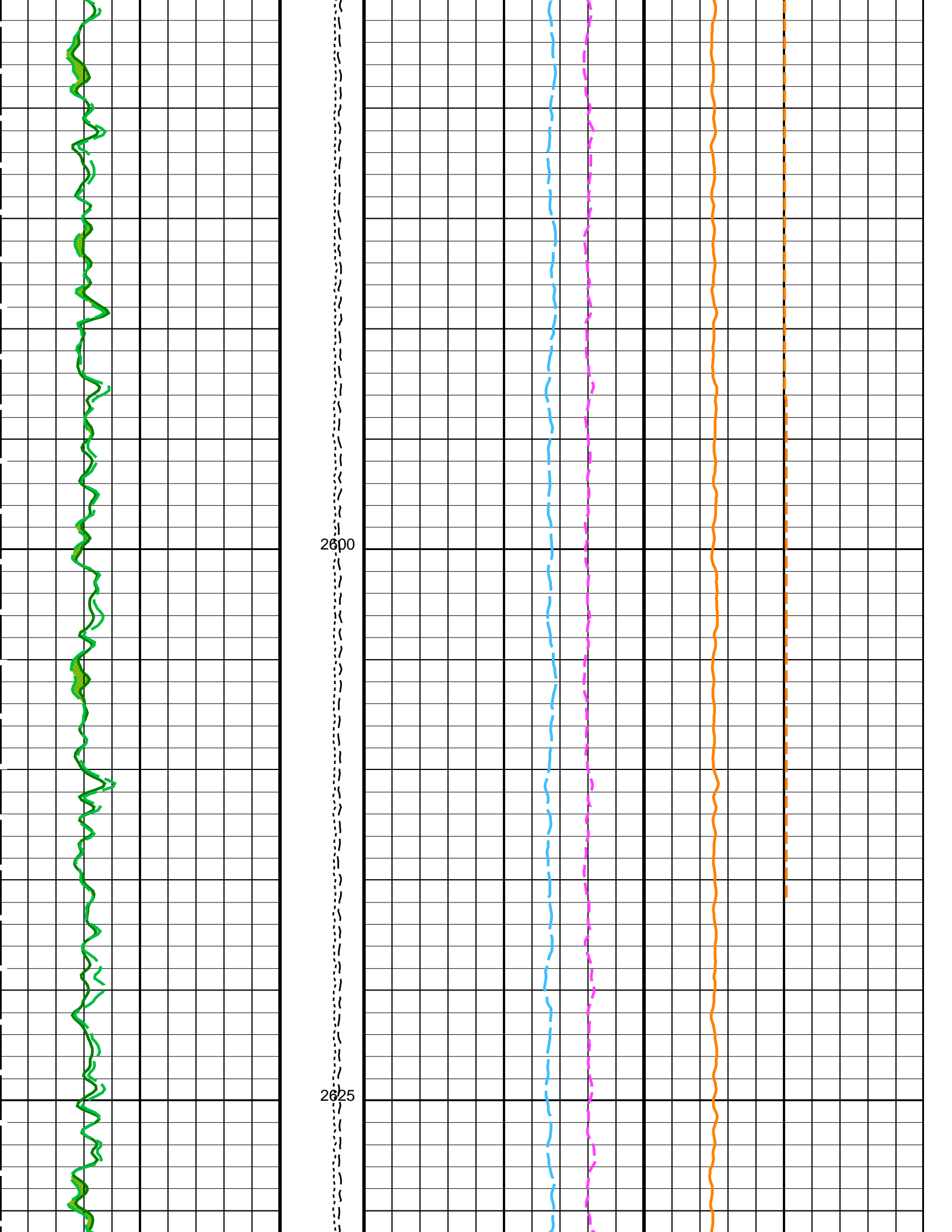
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DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

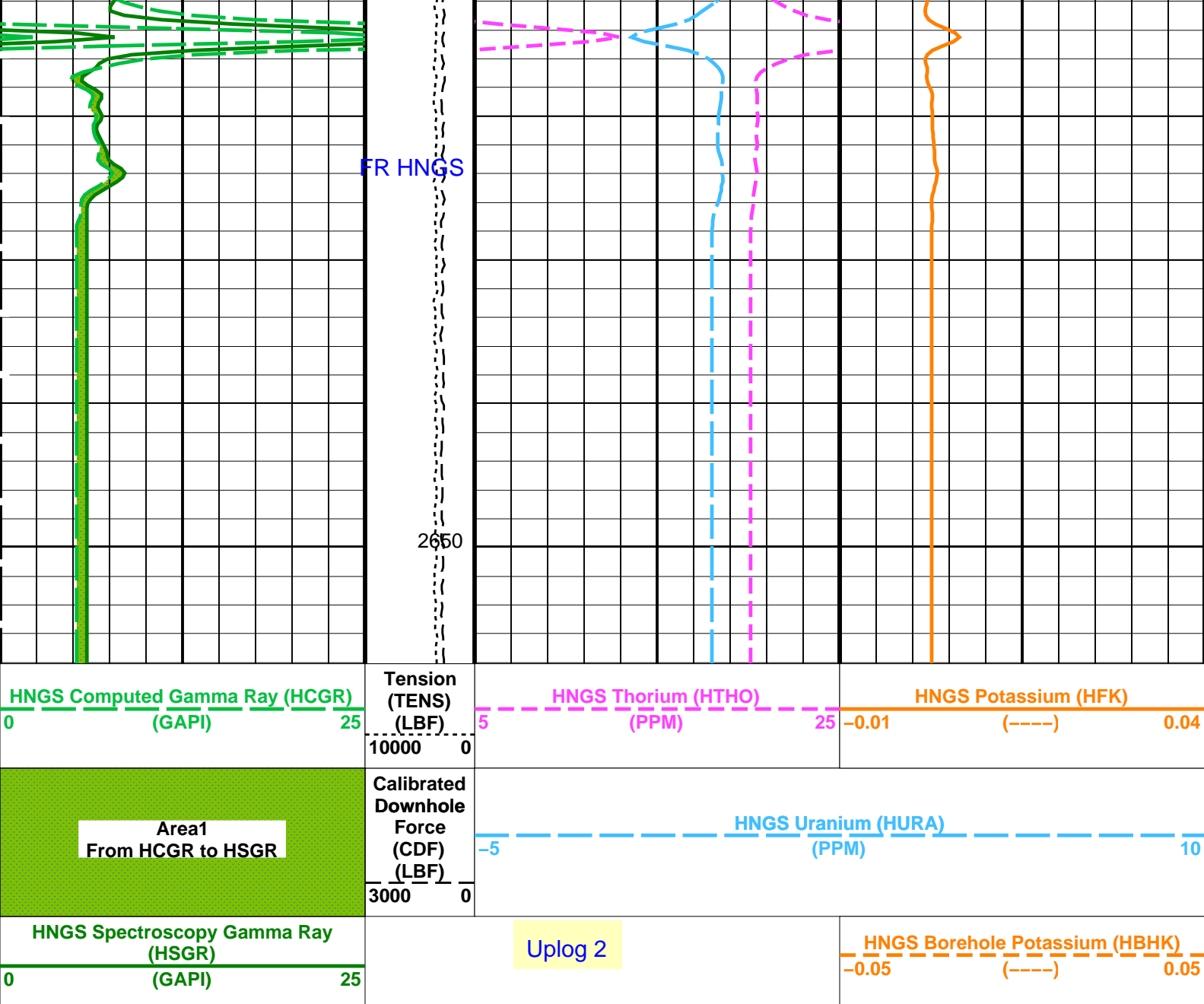
Changed Parameter Summary			
DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	2477.9 11:55:15











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	10.75	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	-0.000268303	
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	1.03413	

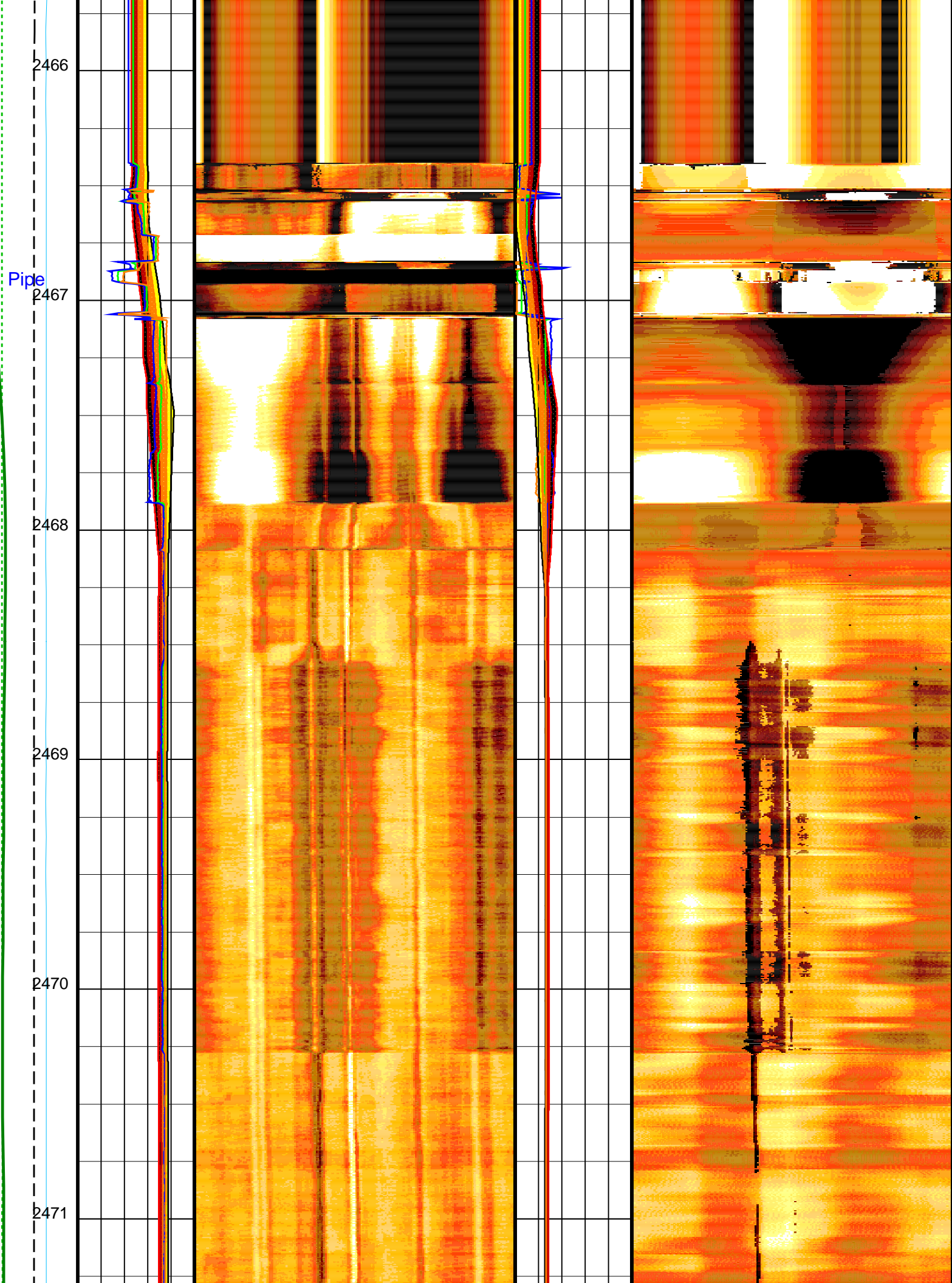
VBA2	HNGS Detector 2 Variable Barite Factor Running Average				1.06331
BS	System and Miscellaneous Bit Size				9.875 IN
Format: HNGSYields		Vertical Scale: 1:200		Graphics File Created: 09-Jul-2021 10:32	
OP System Version: 19C0-187					
UBI-D	SRPC-5095-H2-2011-OP19		GPIT-A/B	19C0-187	
DTA-A	19C0-187		HNGC-B	19C0-187	
HNGS-BA	19C0-187		DTC-H	19C0-187	
Output DLIS Files					
DEFAULT	UBI_NGS_048LUP	FN:79	PRODUCER	09-Jul-2021 10:32	
BACKUP	UBI_NGS_048LUP	FN:80	PRODUCER	09-Jul-2021 10:32	

Company: International Ocean Discovery Program	Well: Expedition 395C, Site U1554F
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Output DLIS Files					
DEFAULT	UBI_NGS_048LUP	FN:79	PRODUCER	09-Jul-2021 10:32	2654.0 M 2465.8 M
BACKUP	UBI_NGS_048LUP	FN:80	PRODUCER	09-Jul-2021 10:32	2654.0 M 2465.8 M

OP System Version: 19C0-187					
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187		
DTA-A	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	DTC-H	19C0-187		

Changed Parameter Summary					
DLIS Name		New Value	Previous Value	Depth & Time	
BHS		CASED	OPEN	2477.9 11:55:15	
	<div>HIGH Amplitude (FA75)</div> <div>0 (DB) 50</div>	<div>UPlug 2</div> 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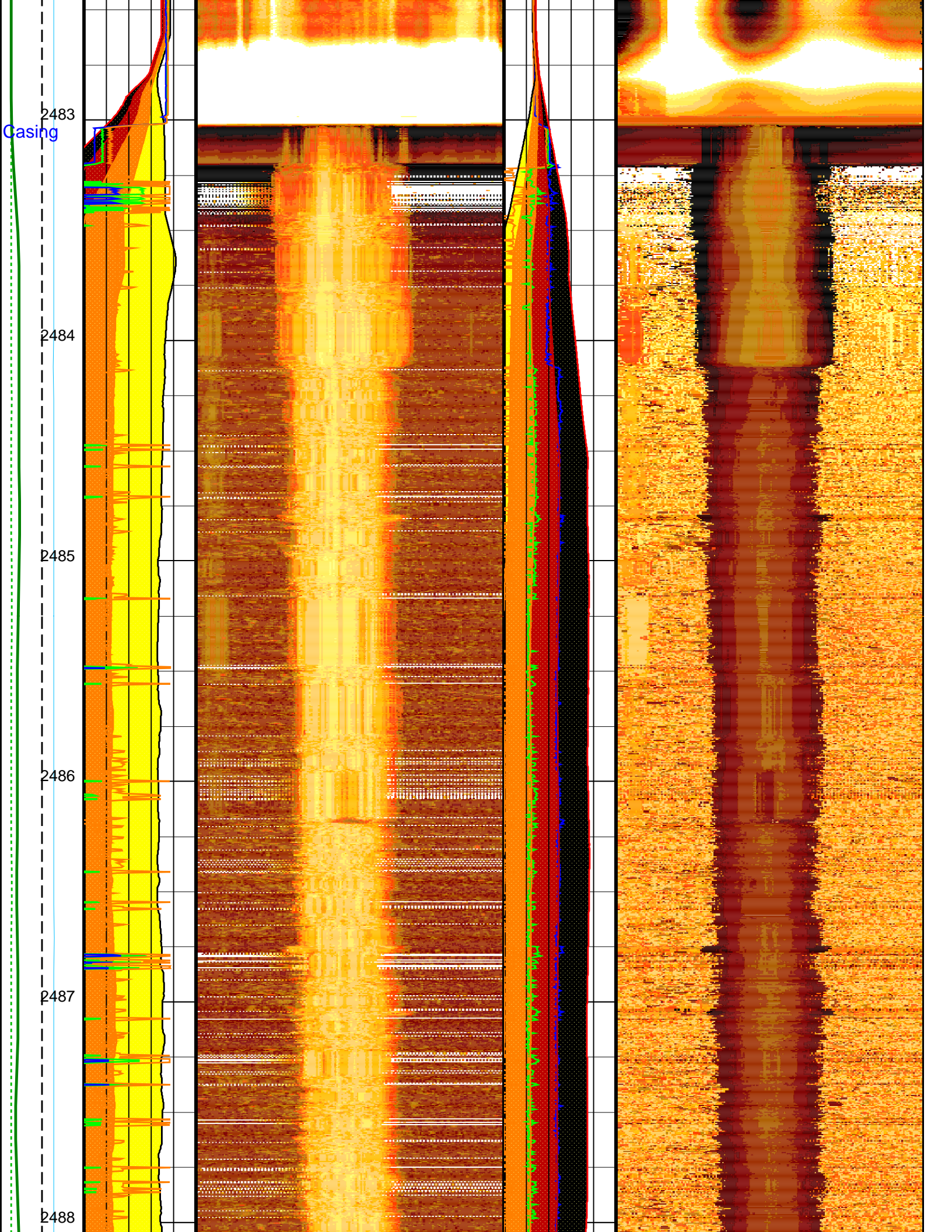
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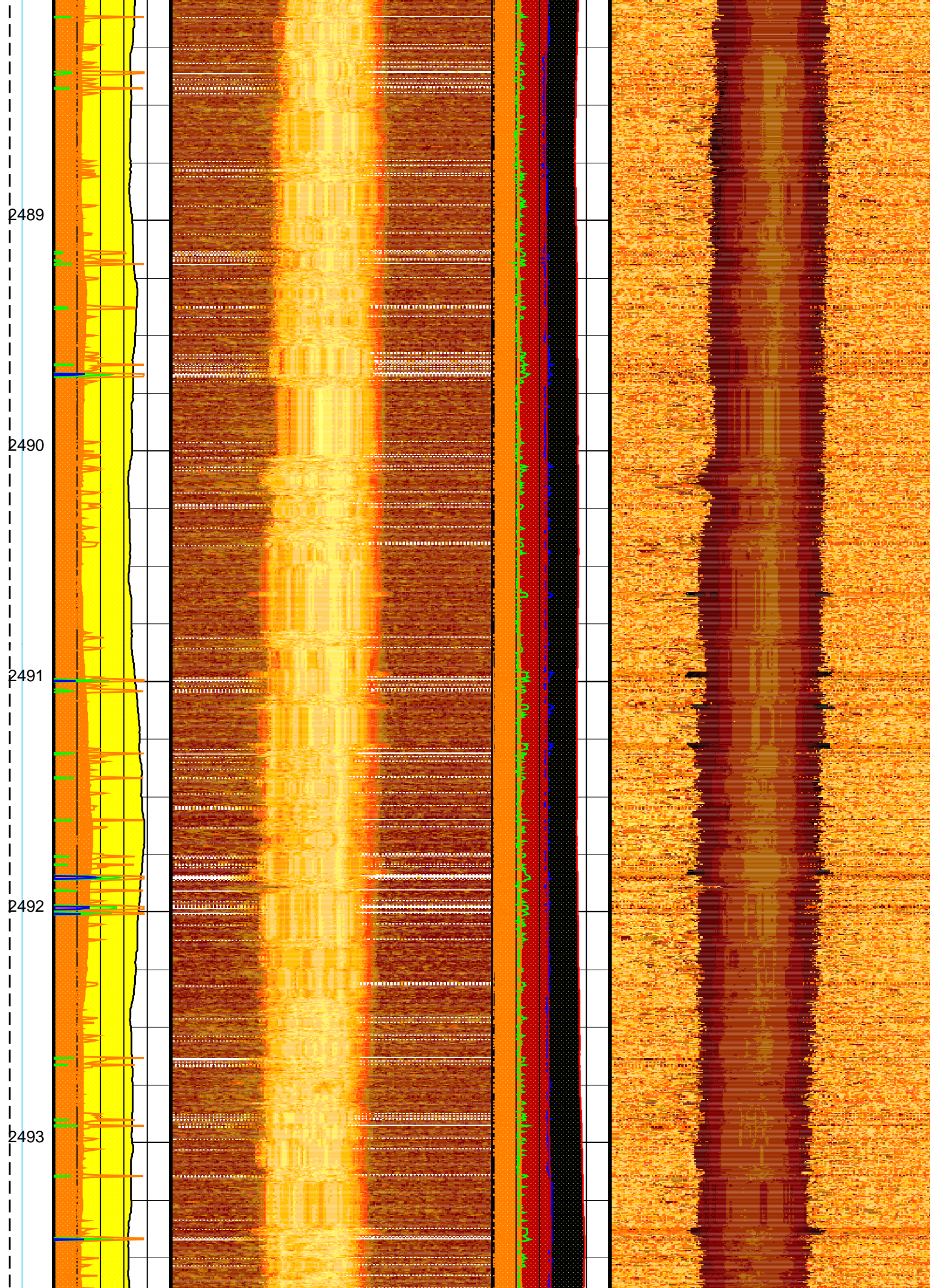
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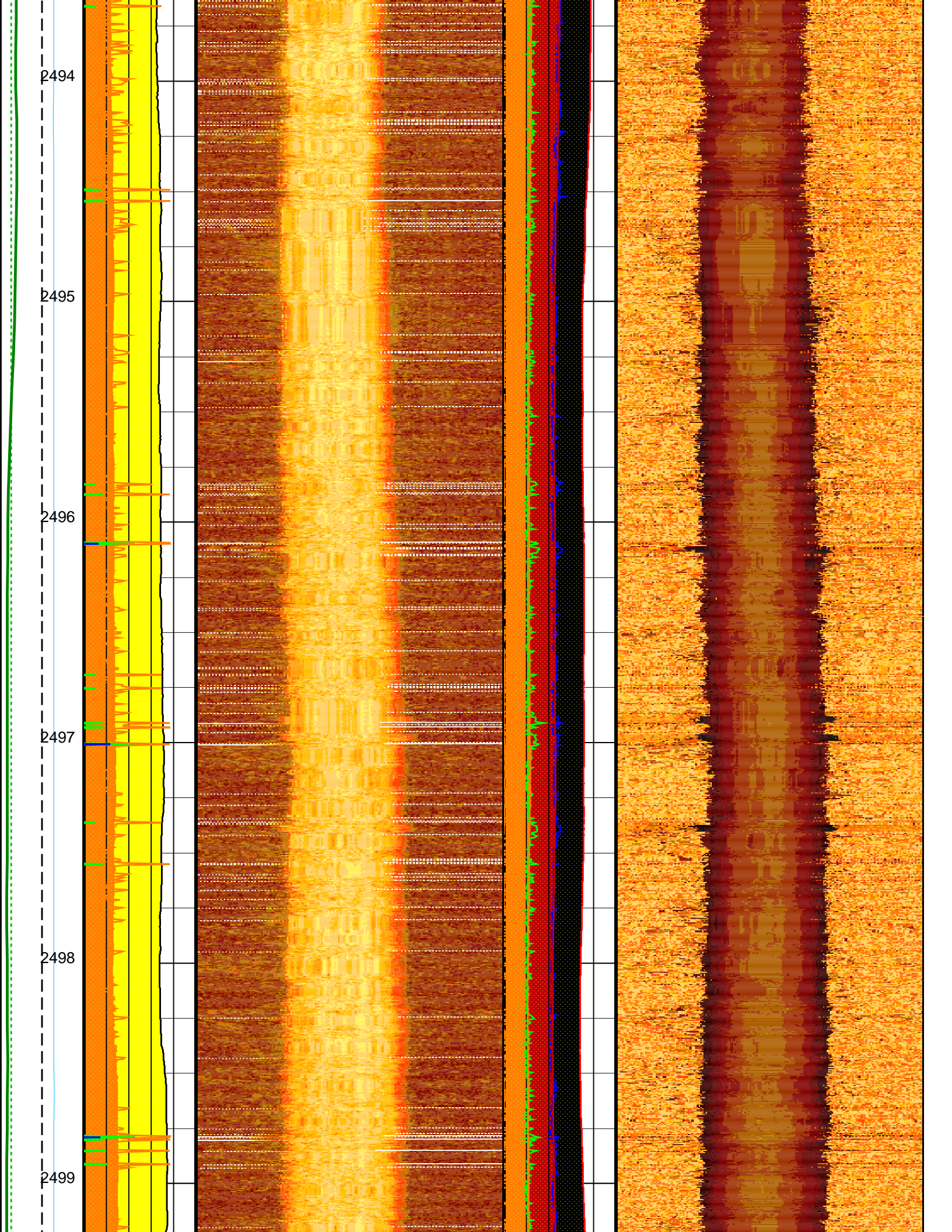
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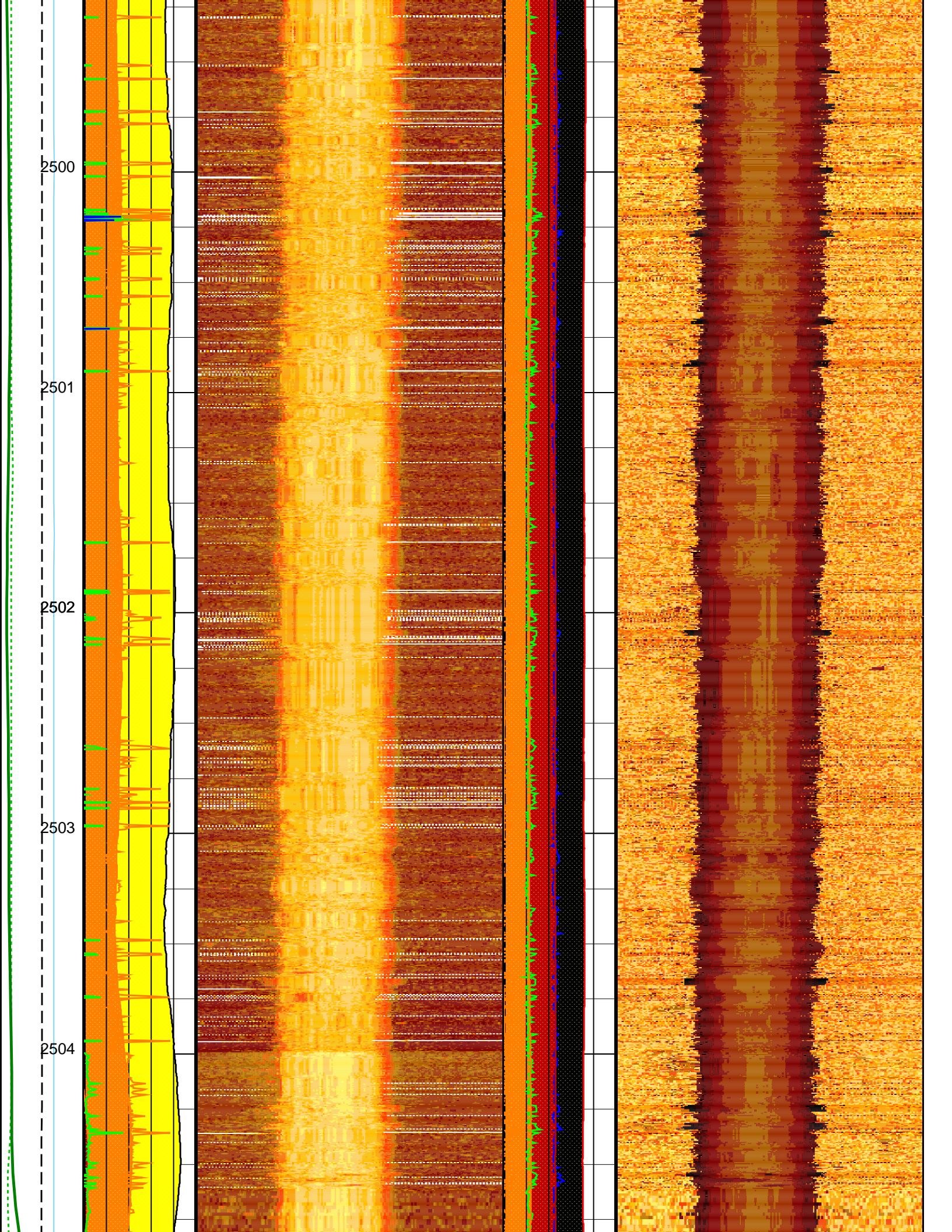
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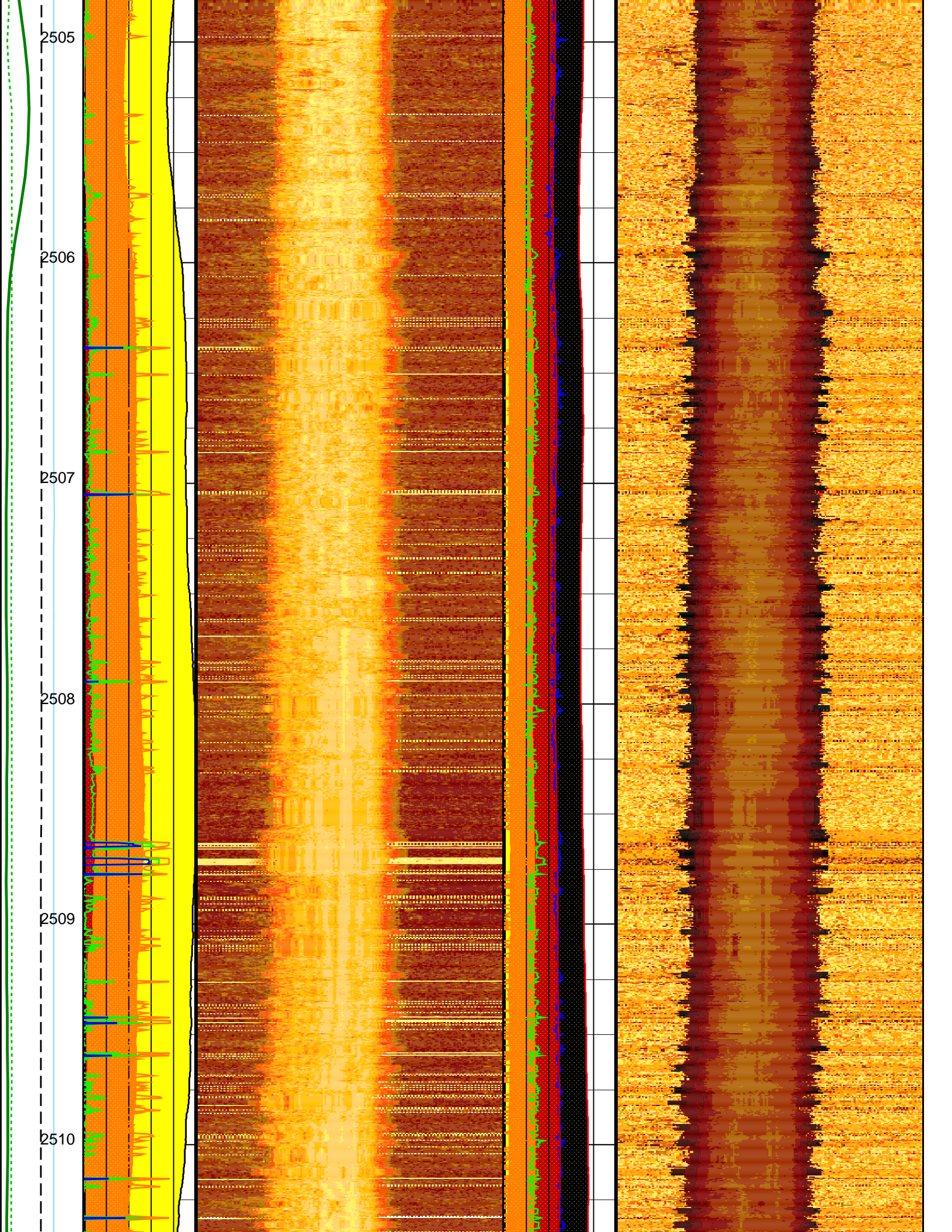
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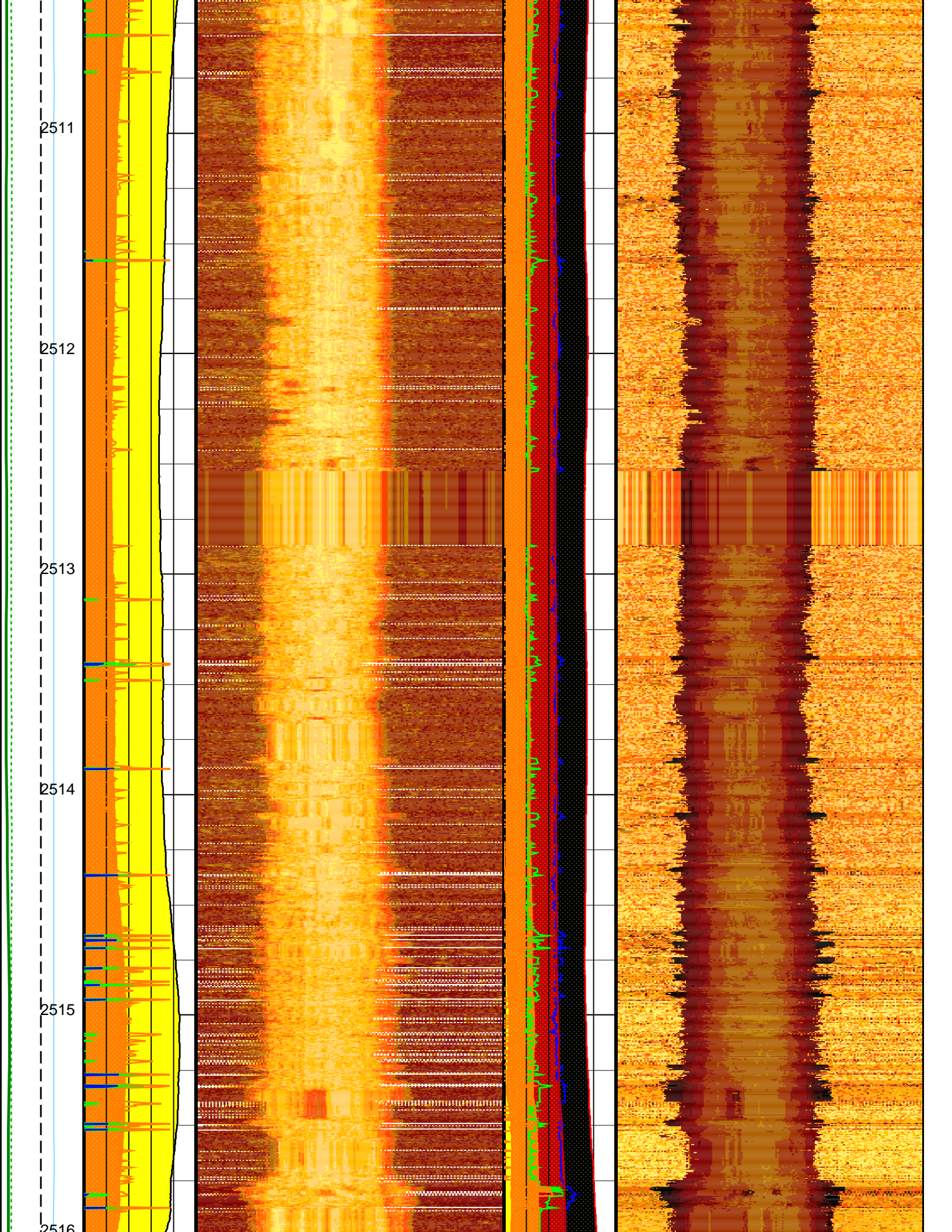


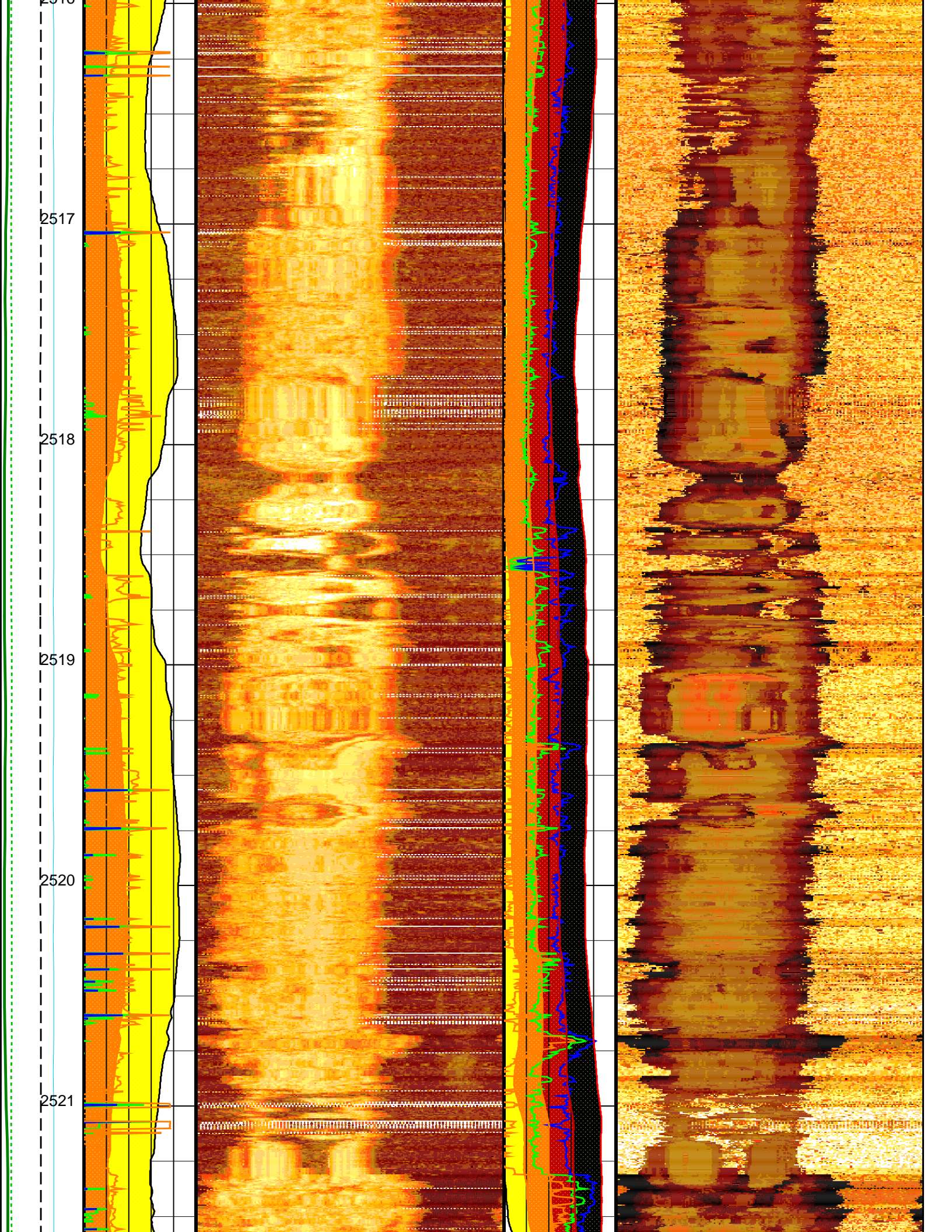












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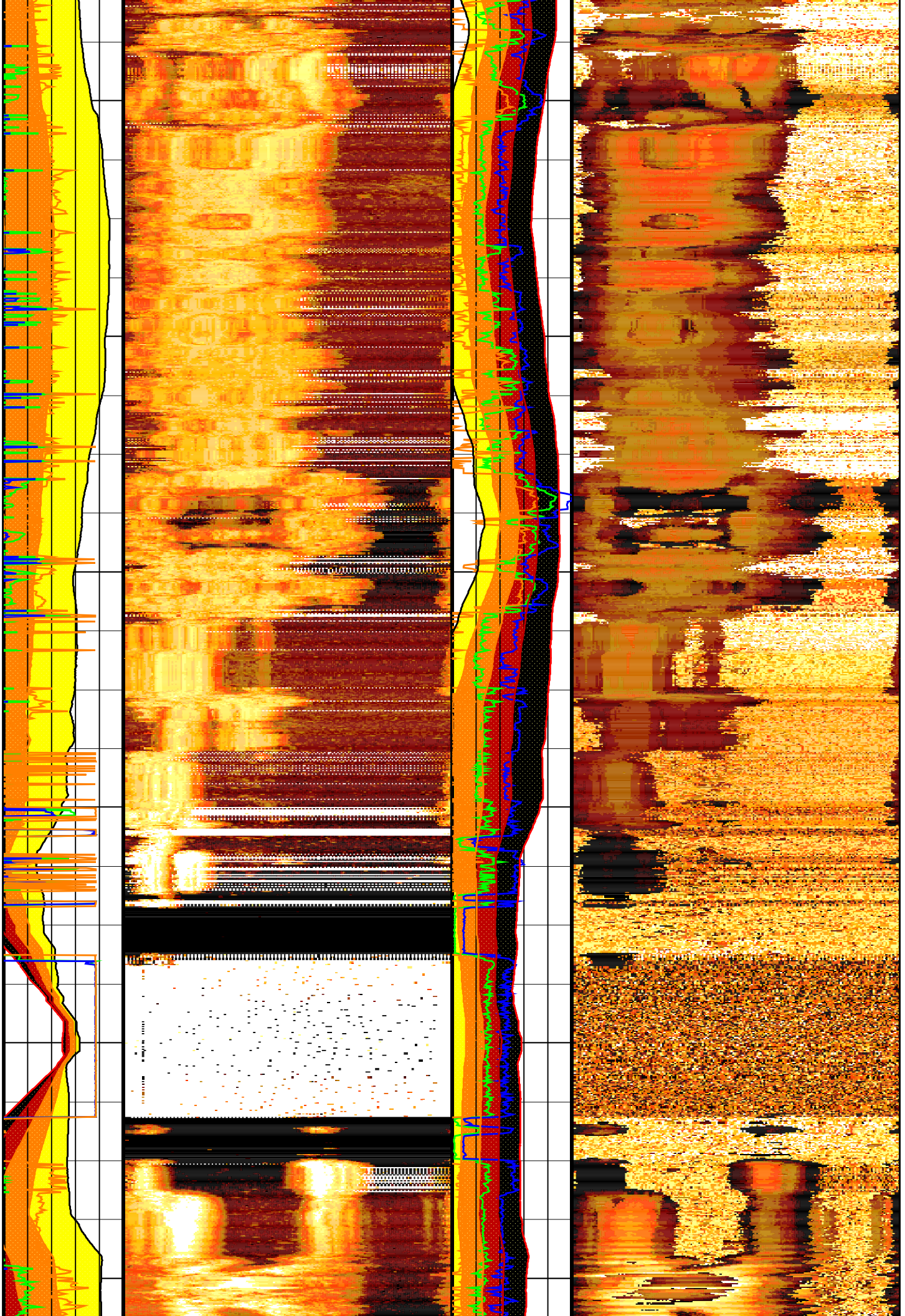
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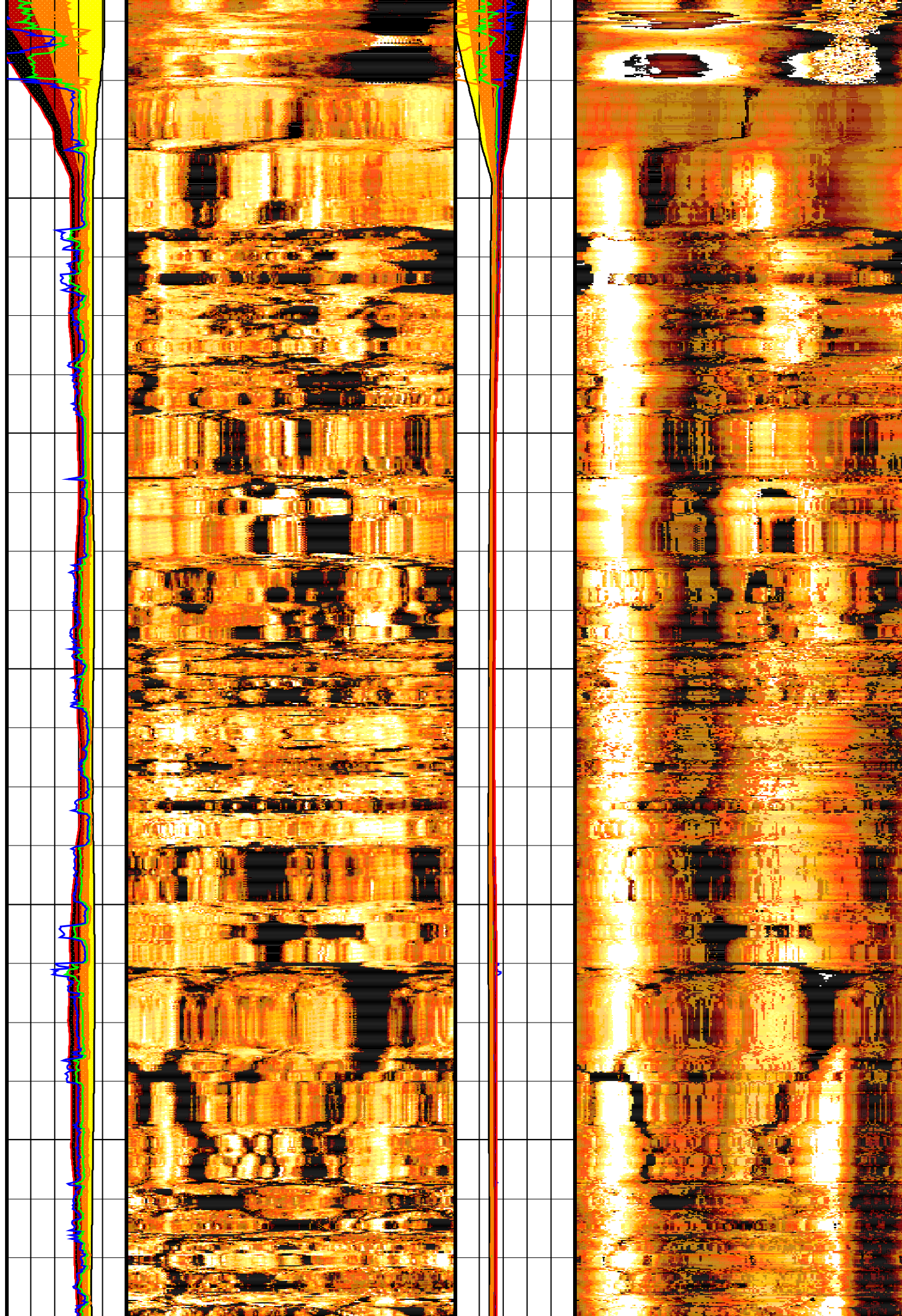
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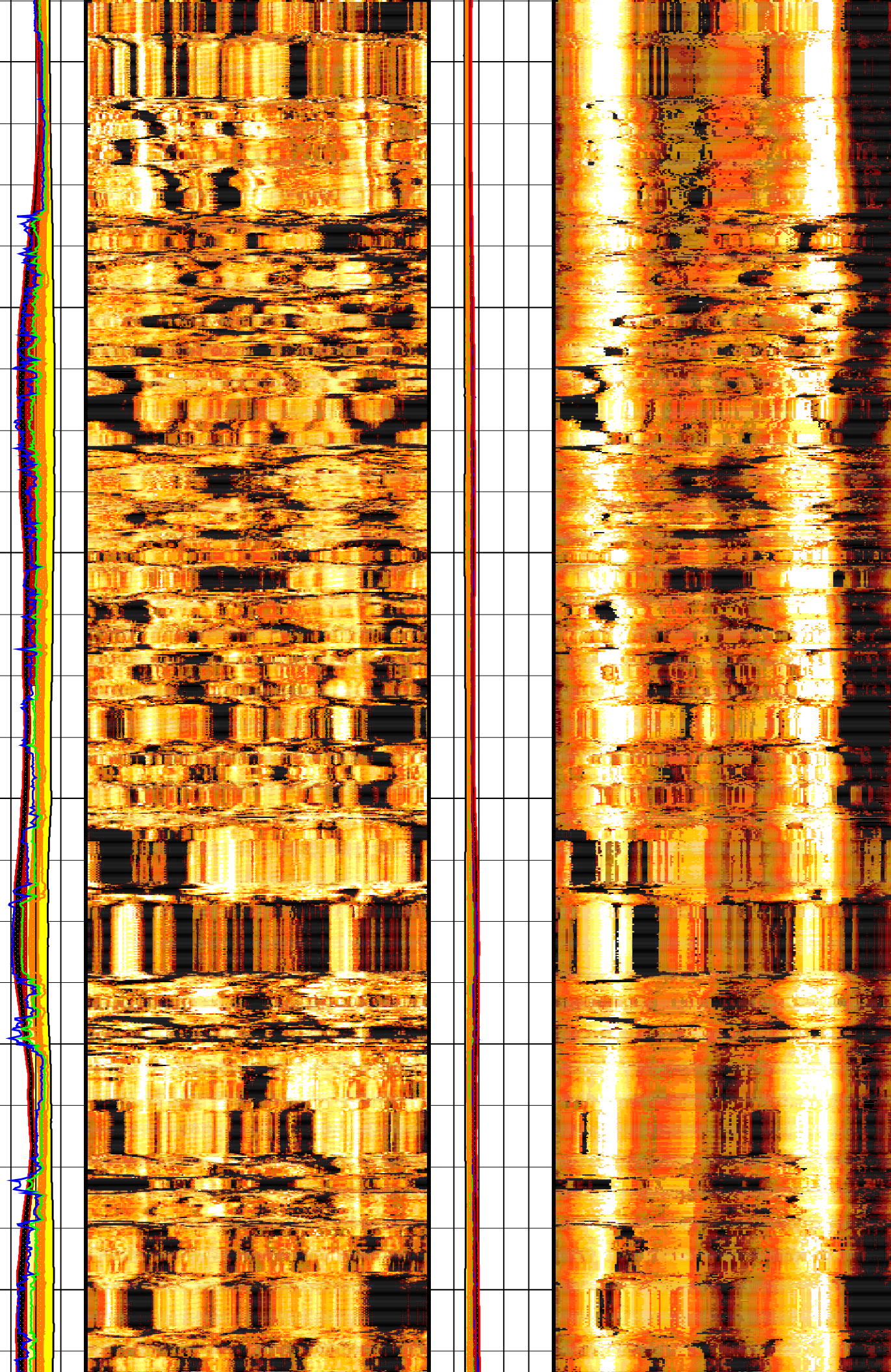
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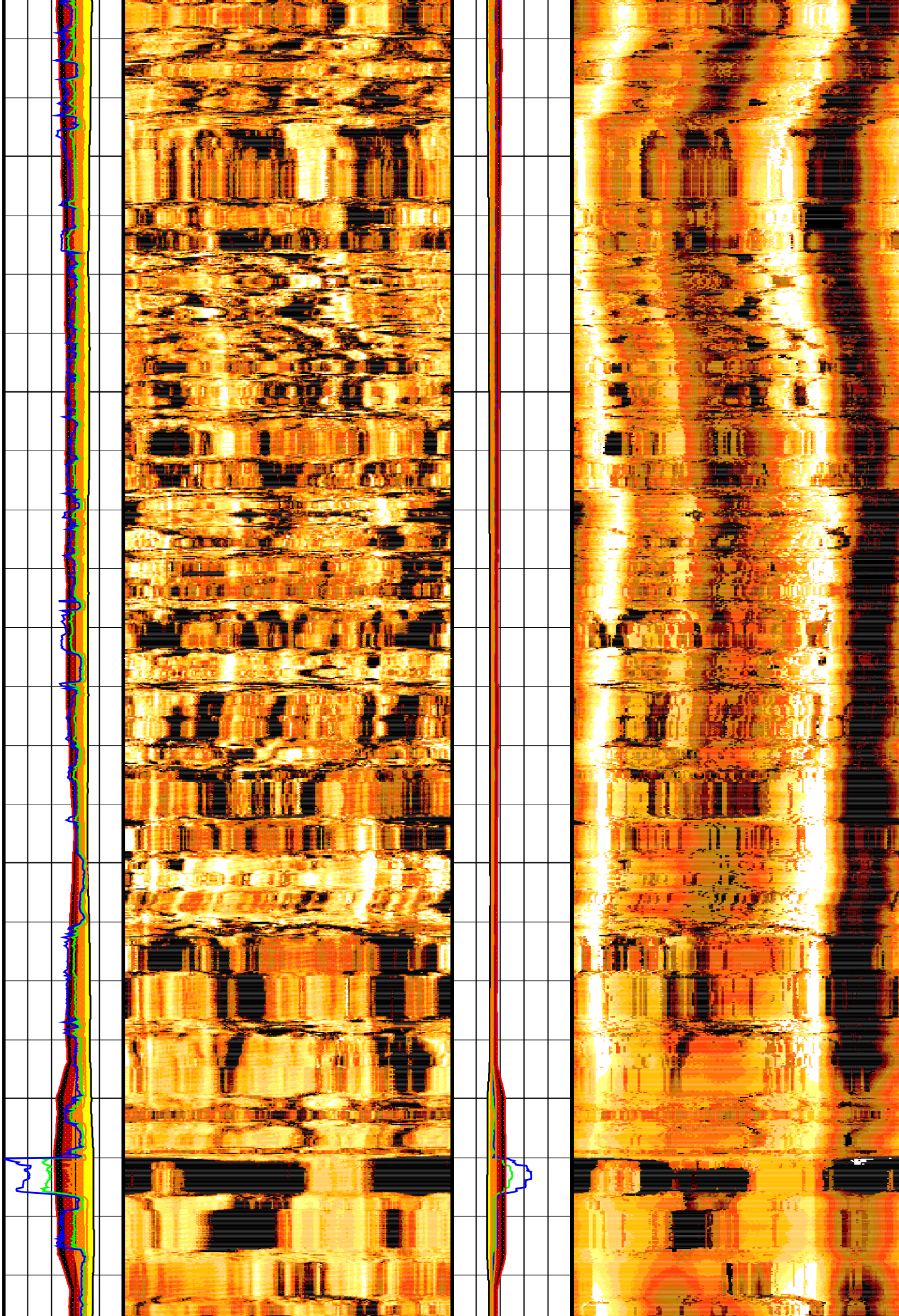
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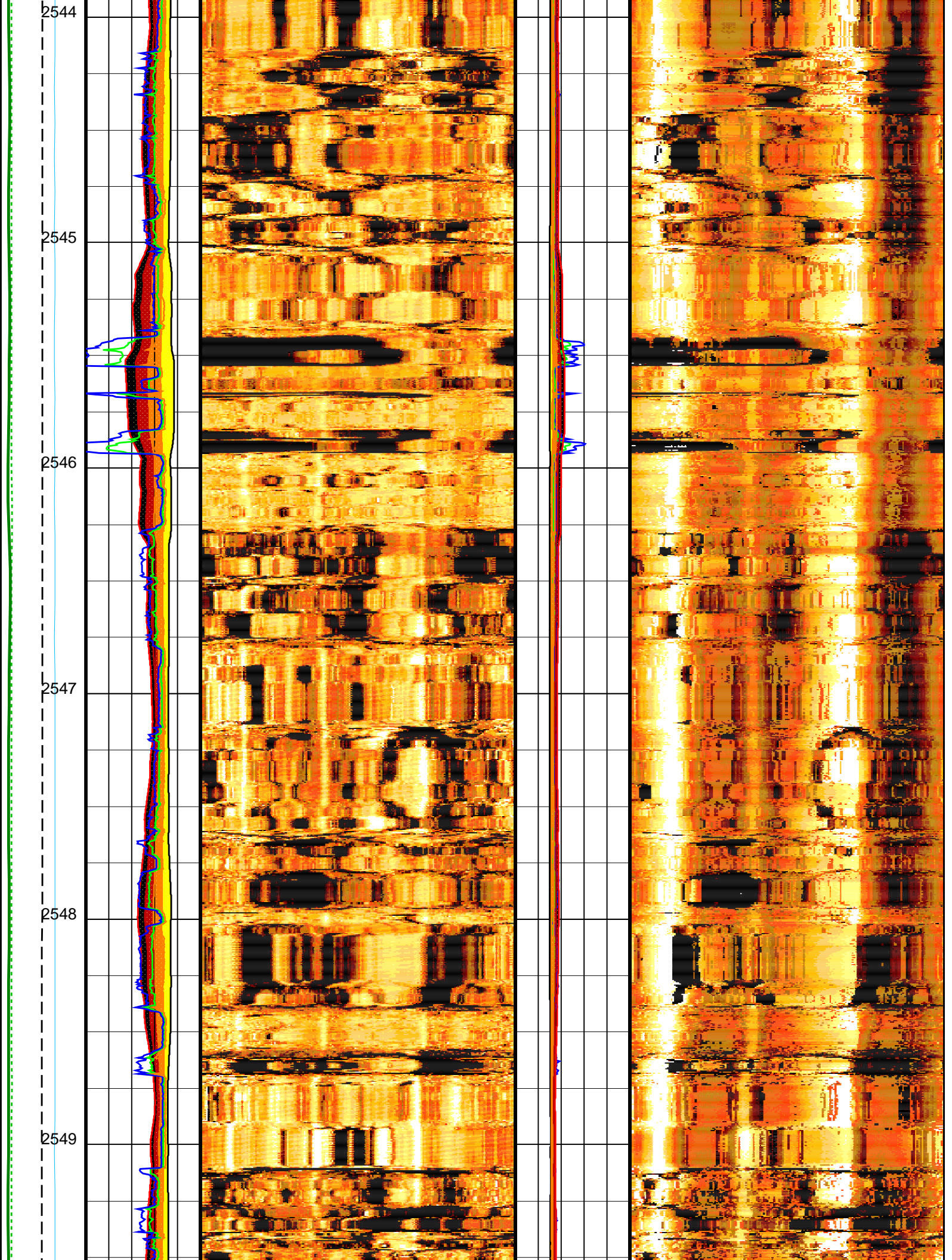
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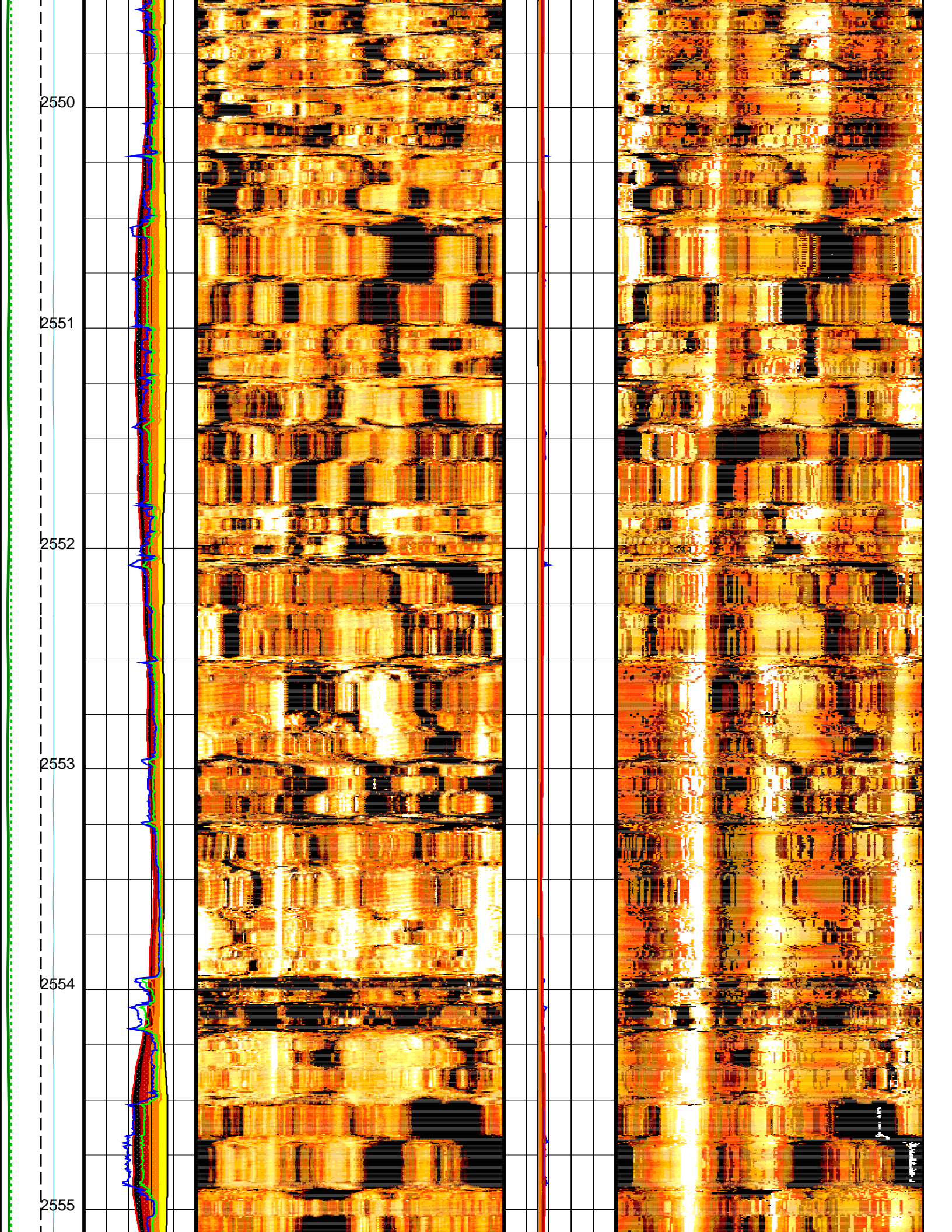
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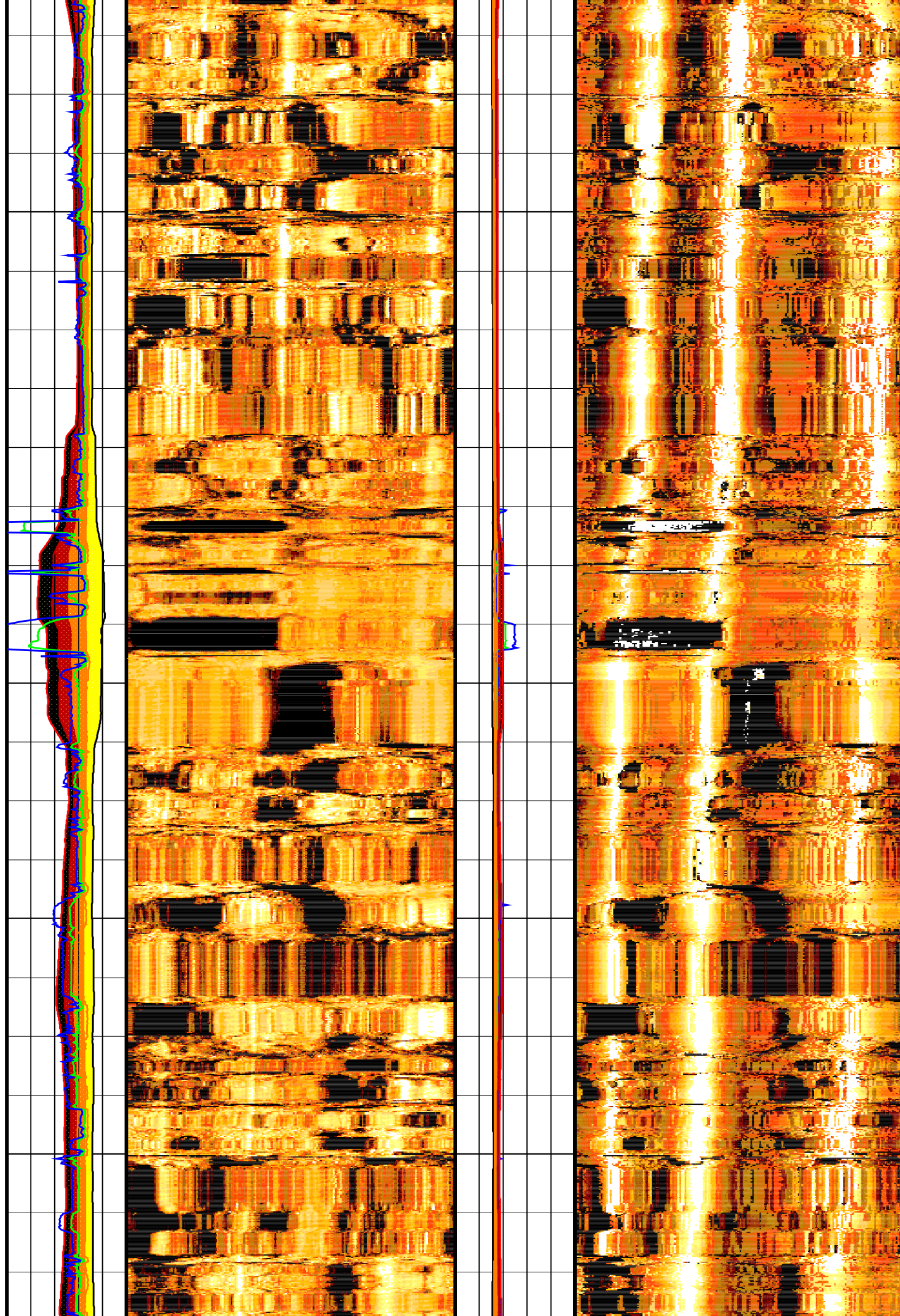
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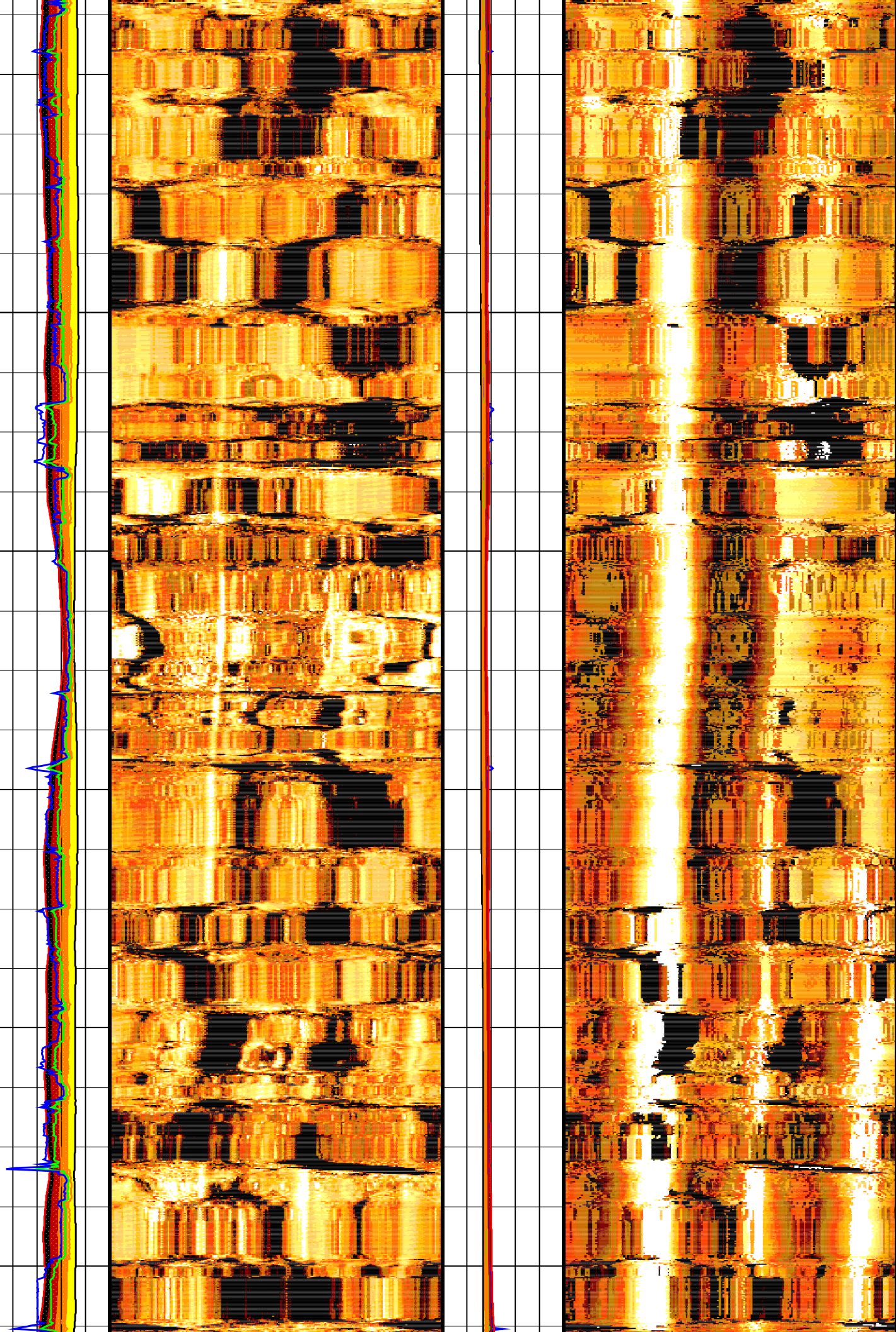
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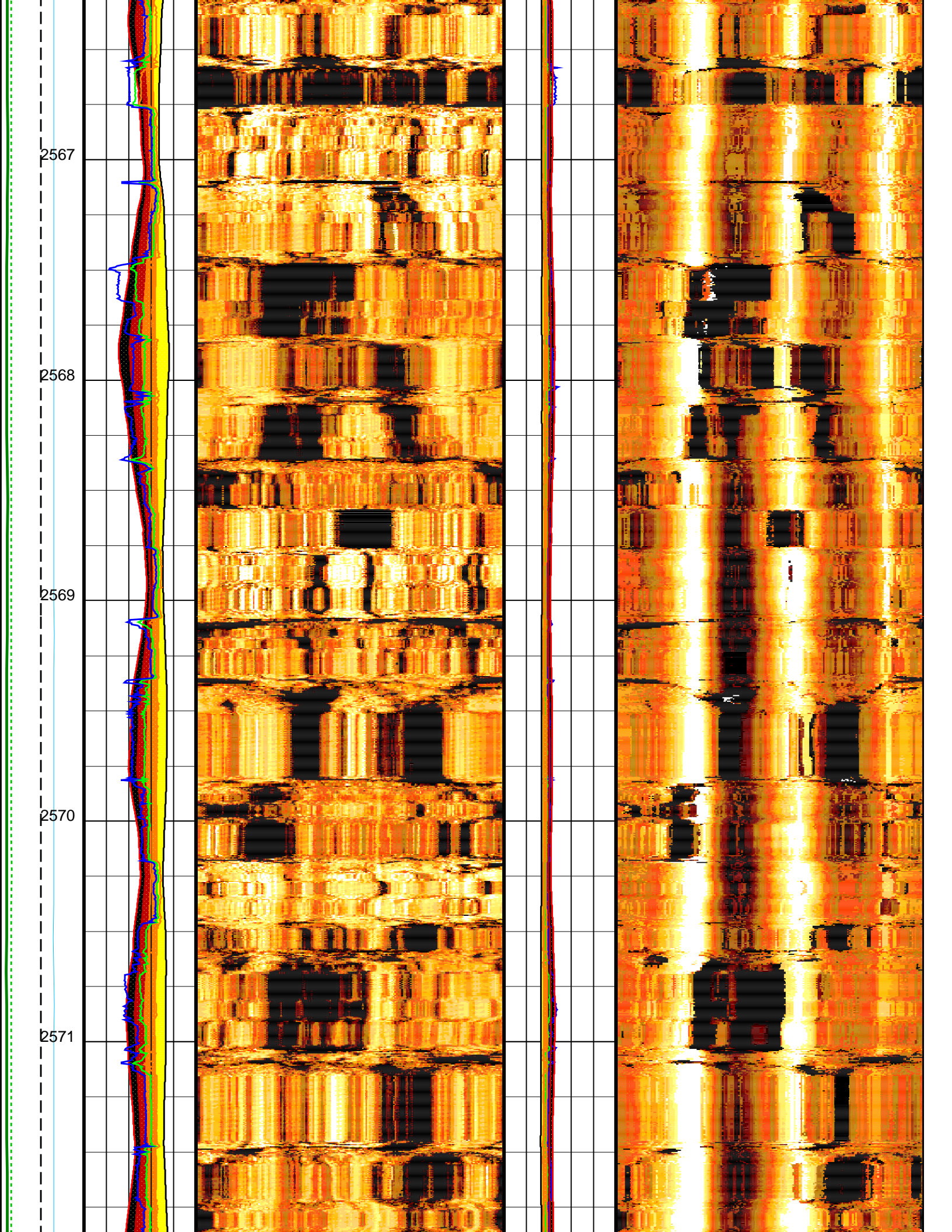
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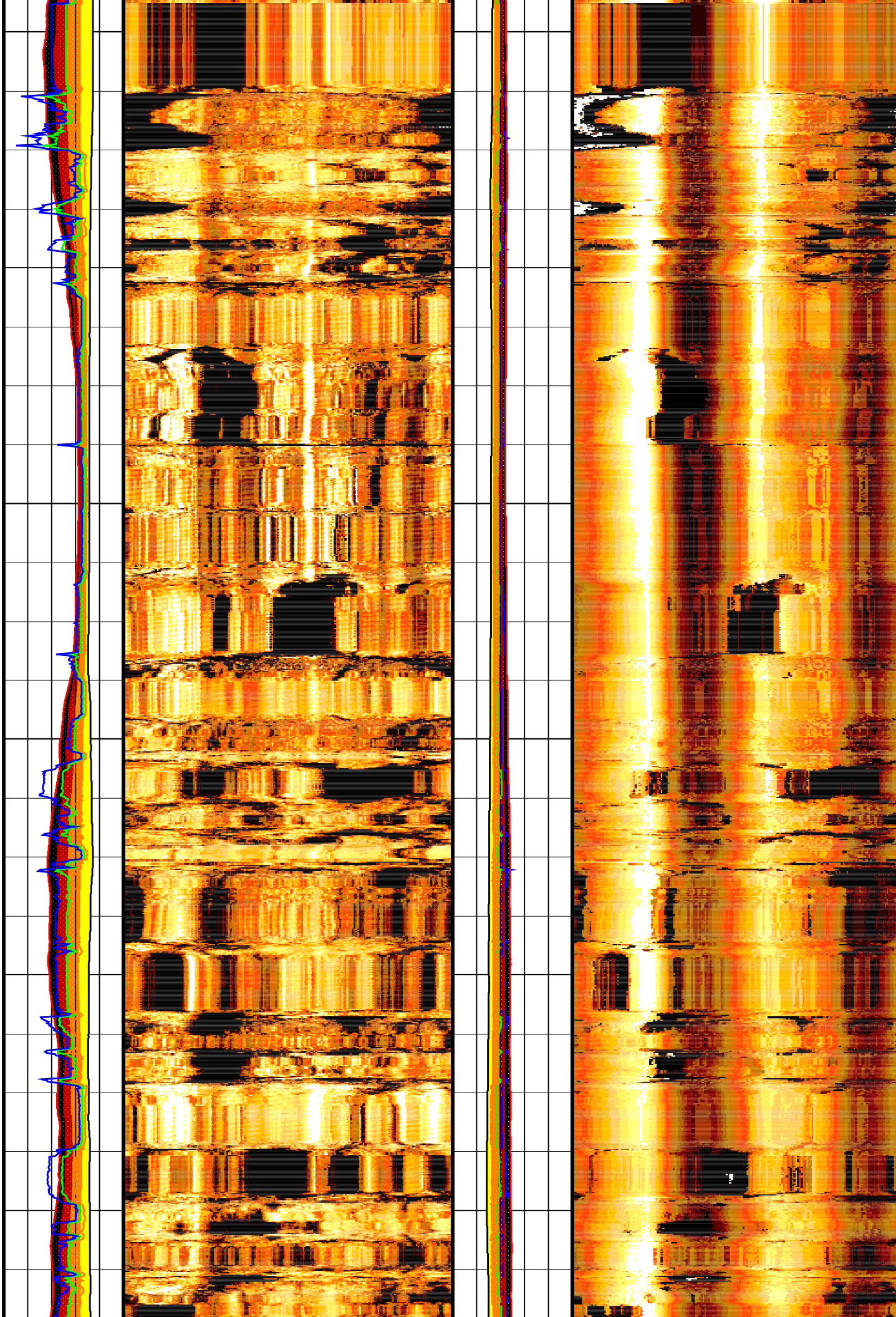
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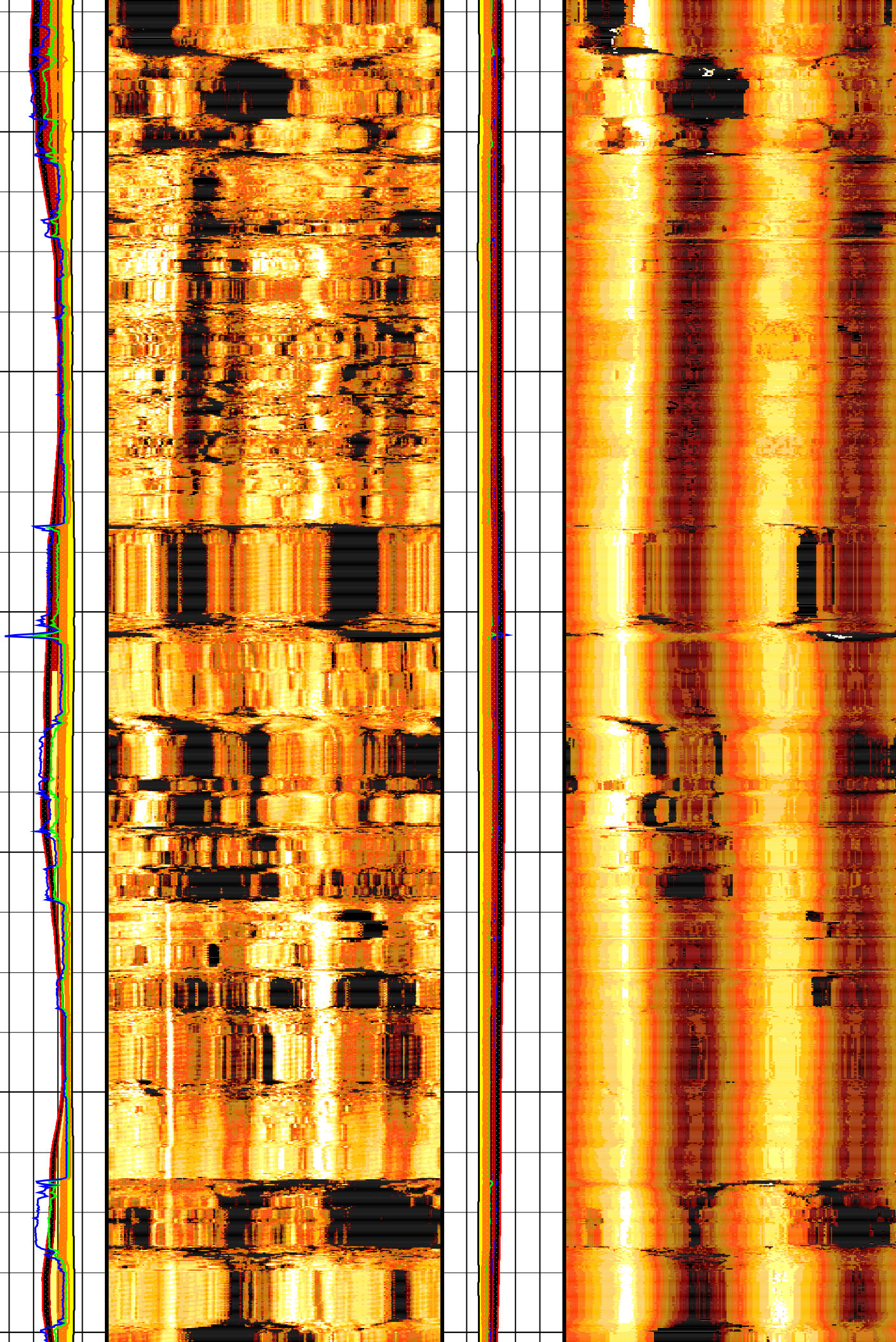
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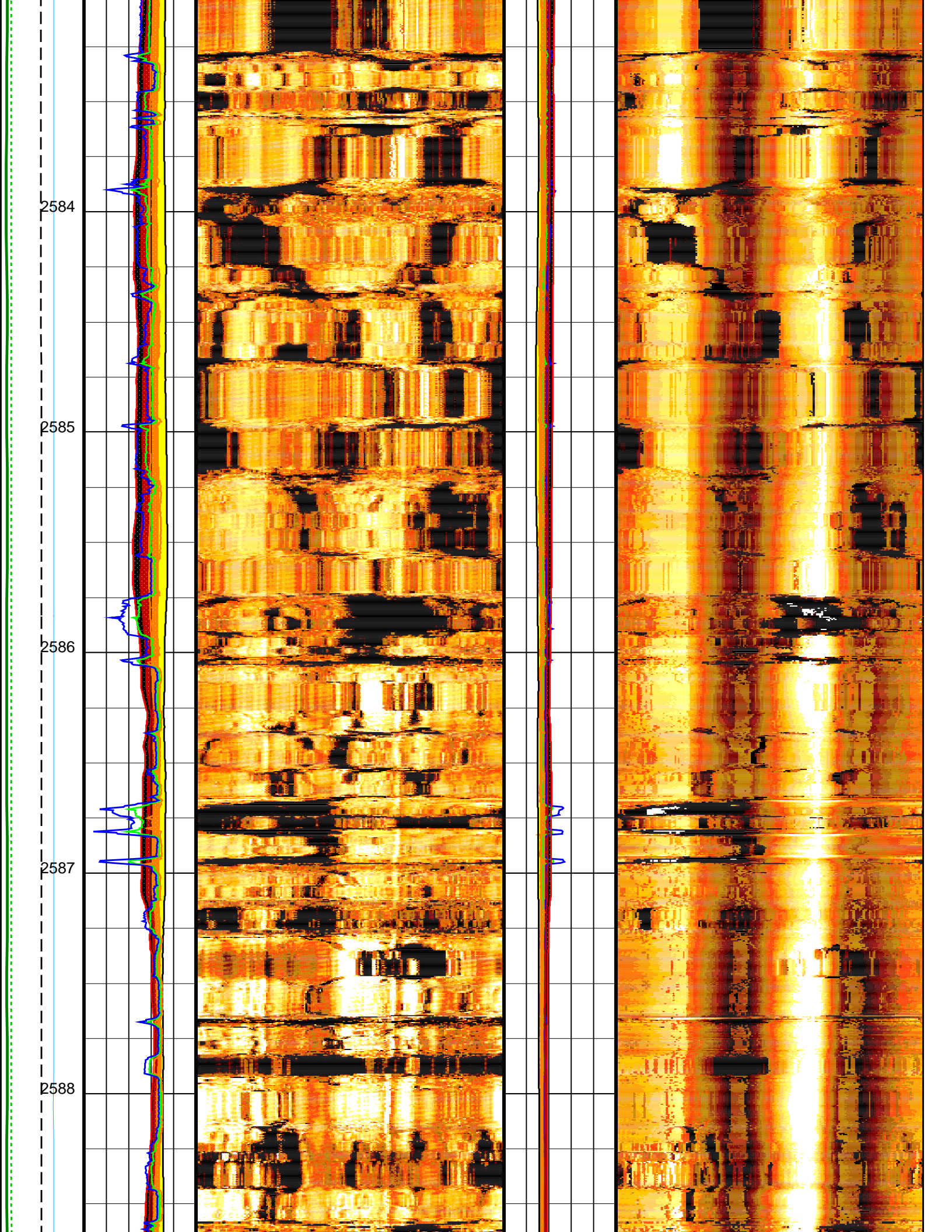
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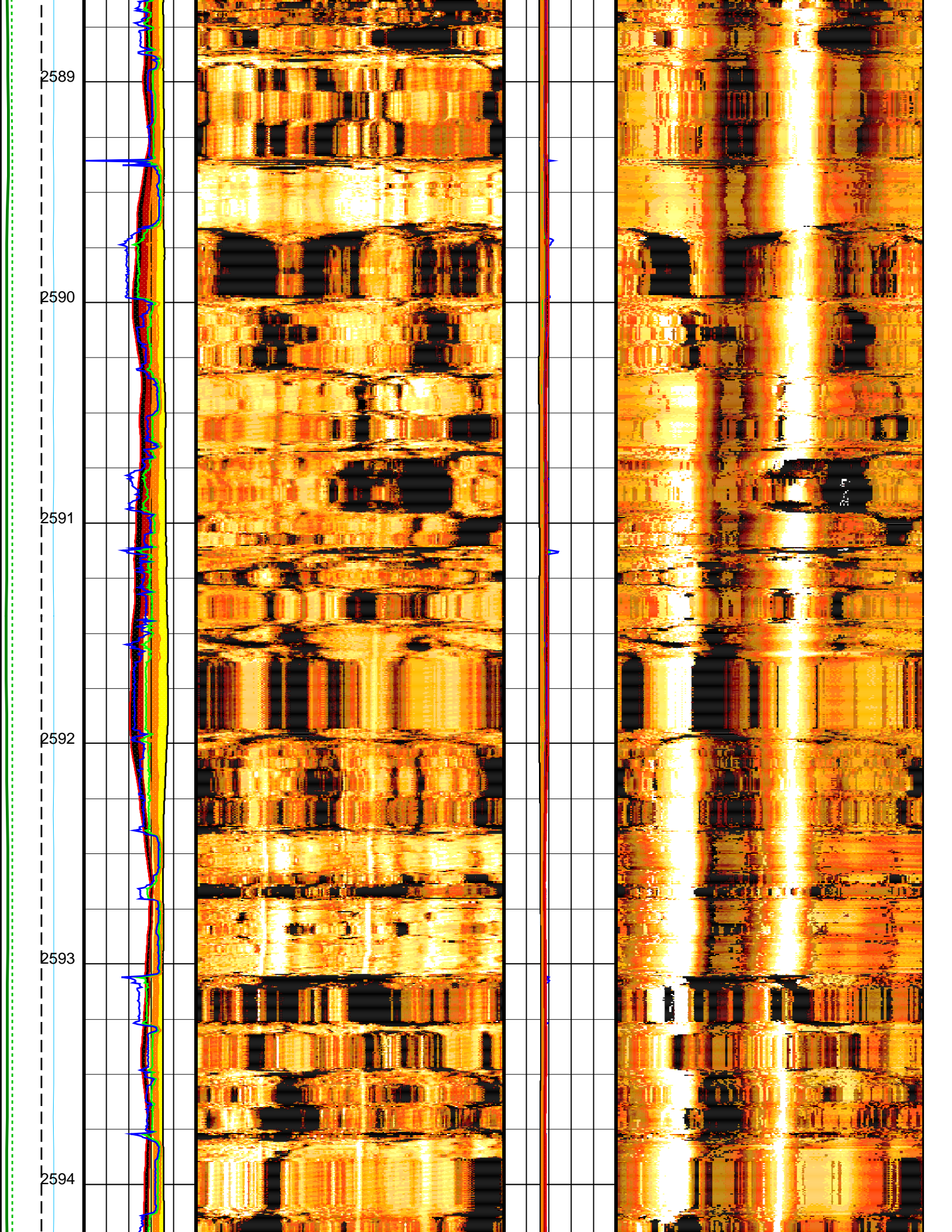
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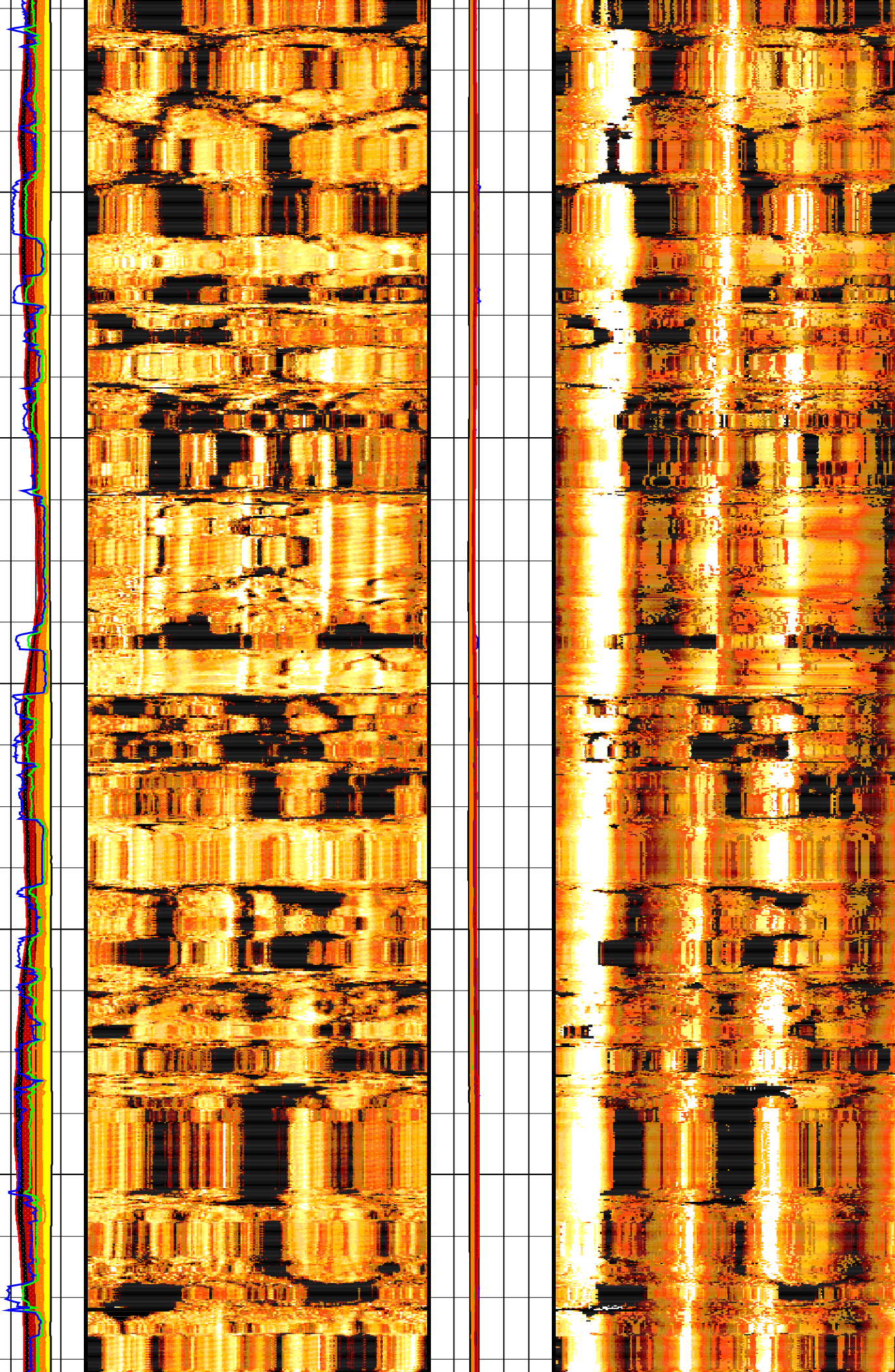
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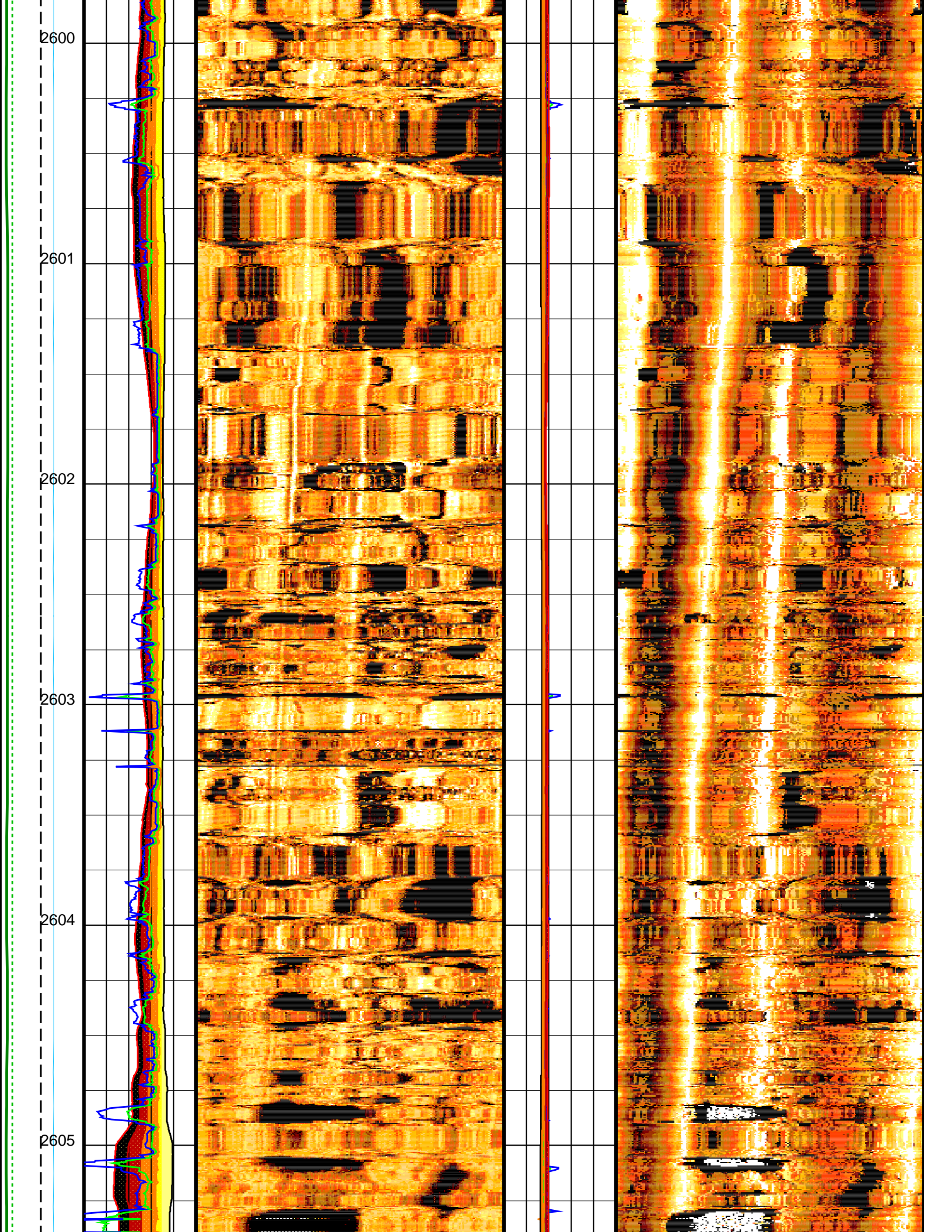
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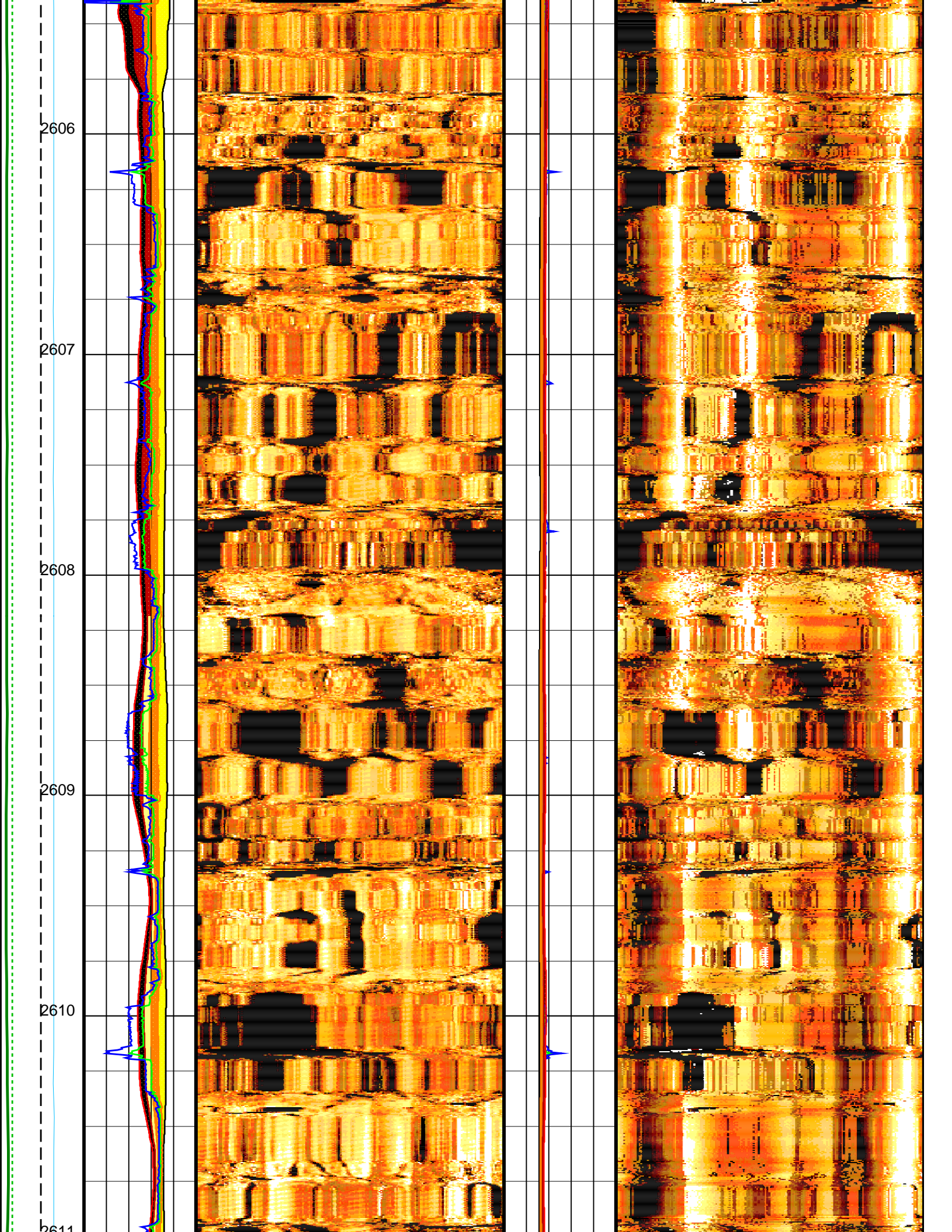
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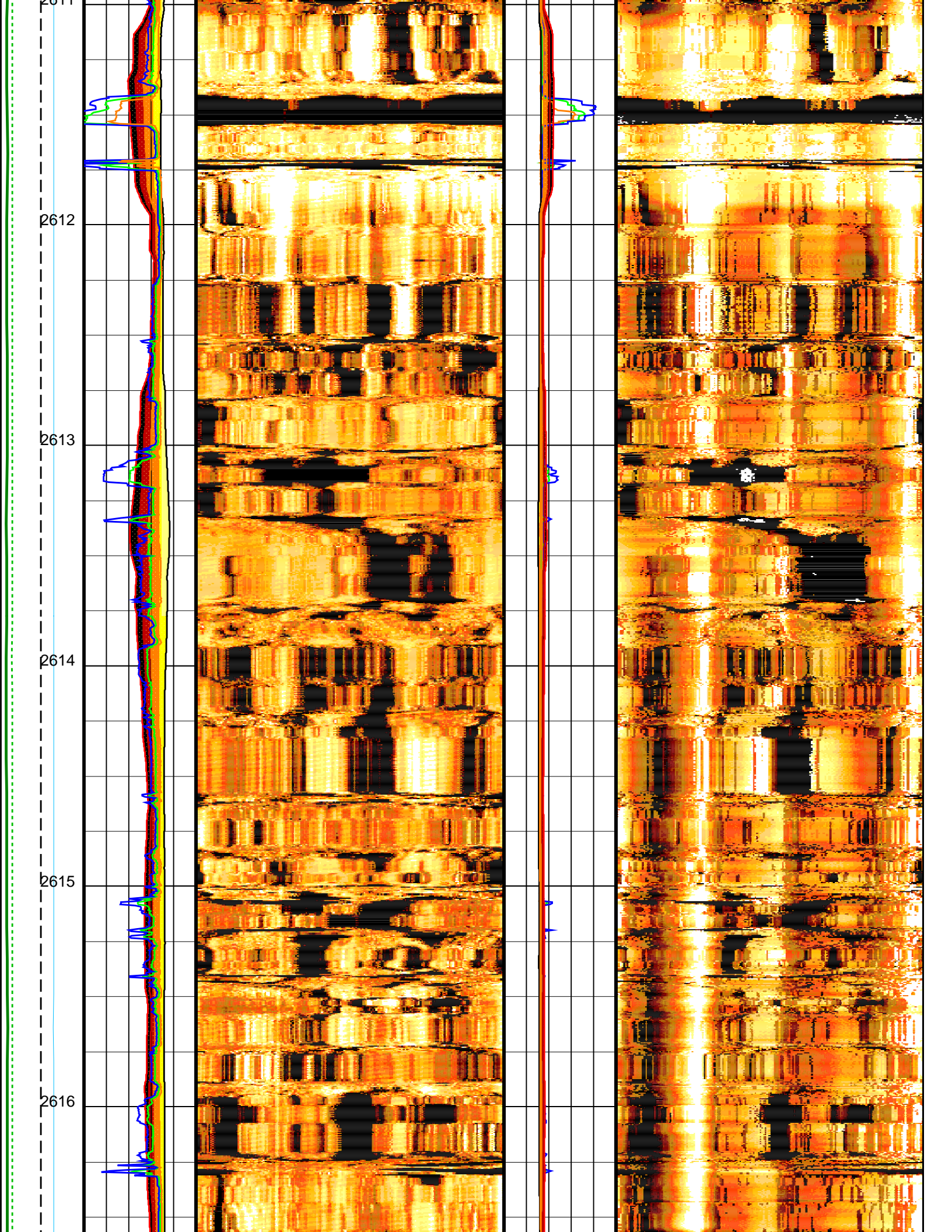
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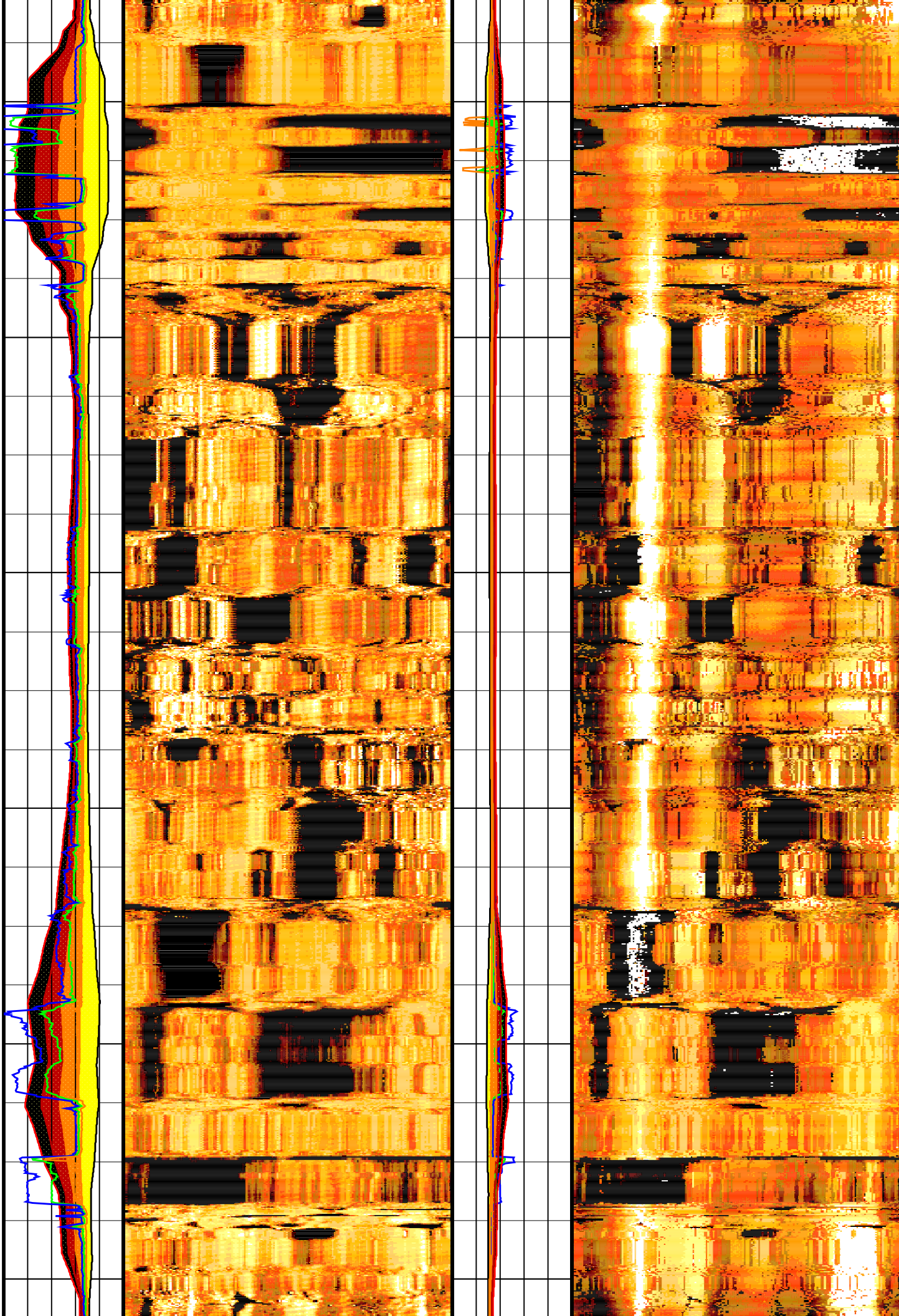
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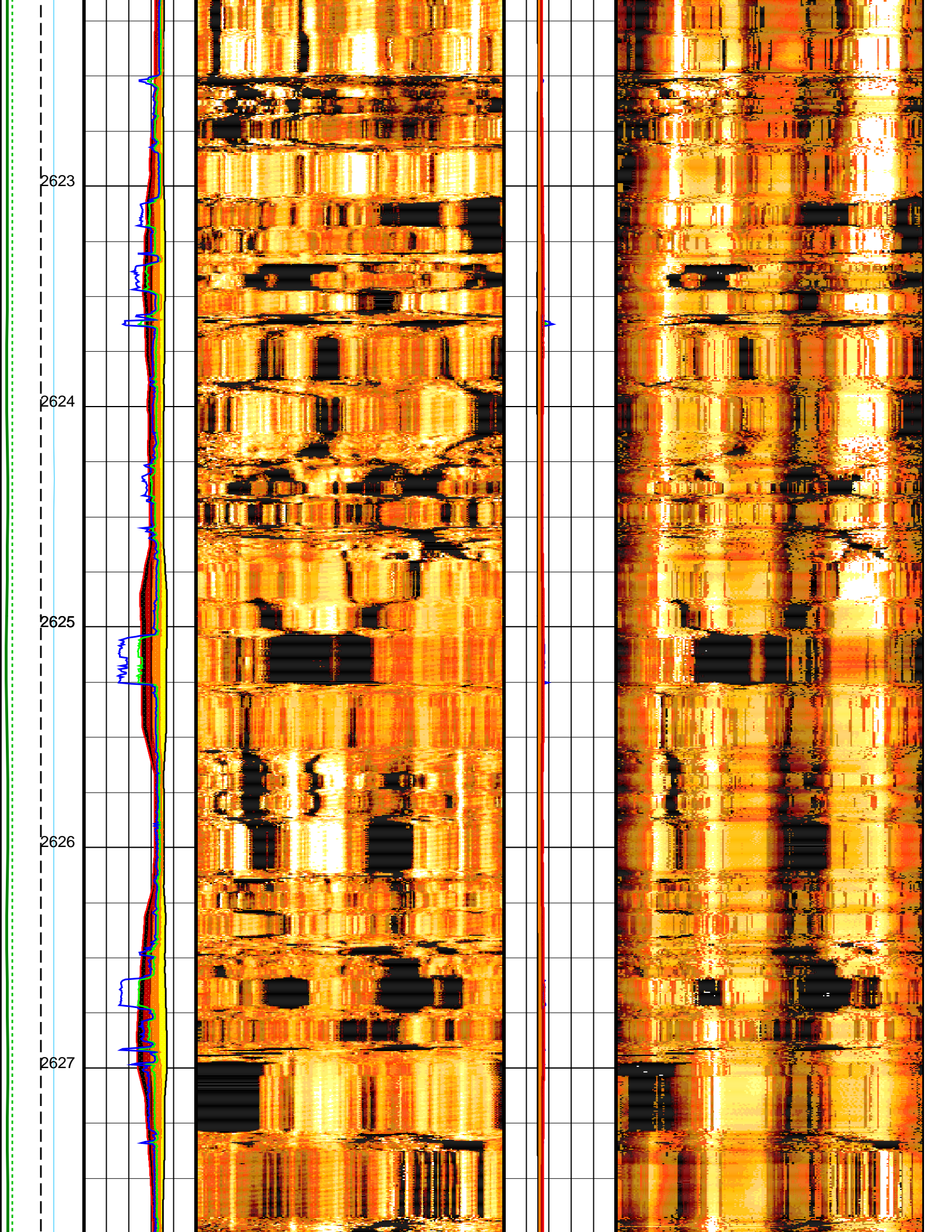
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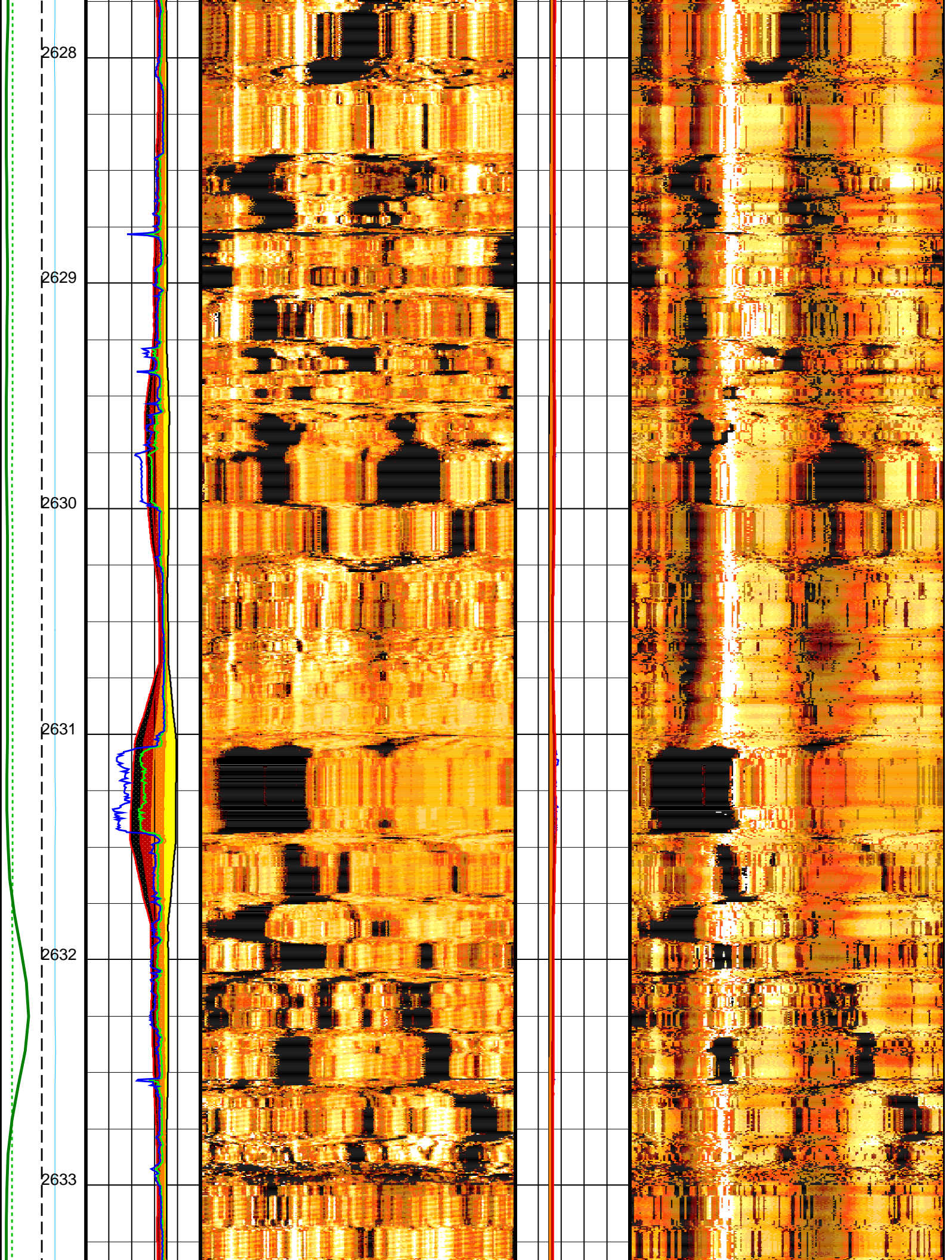
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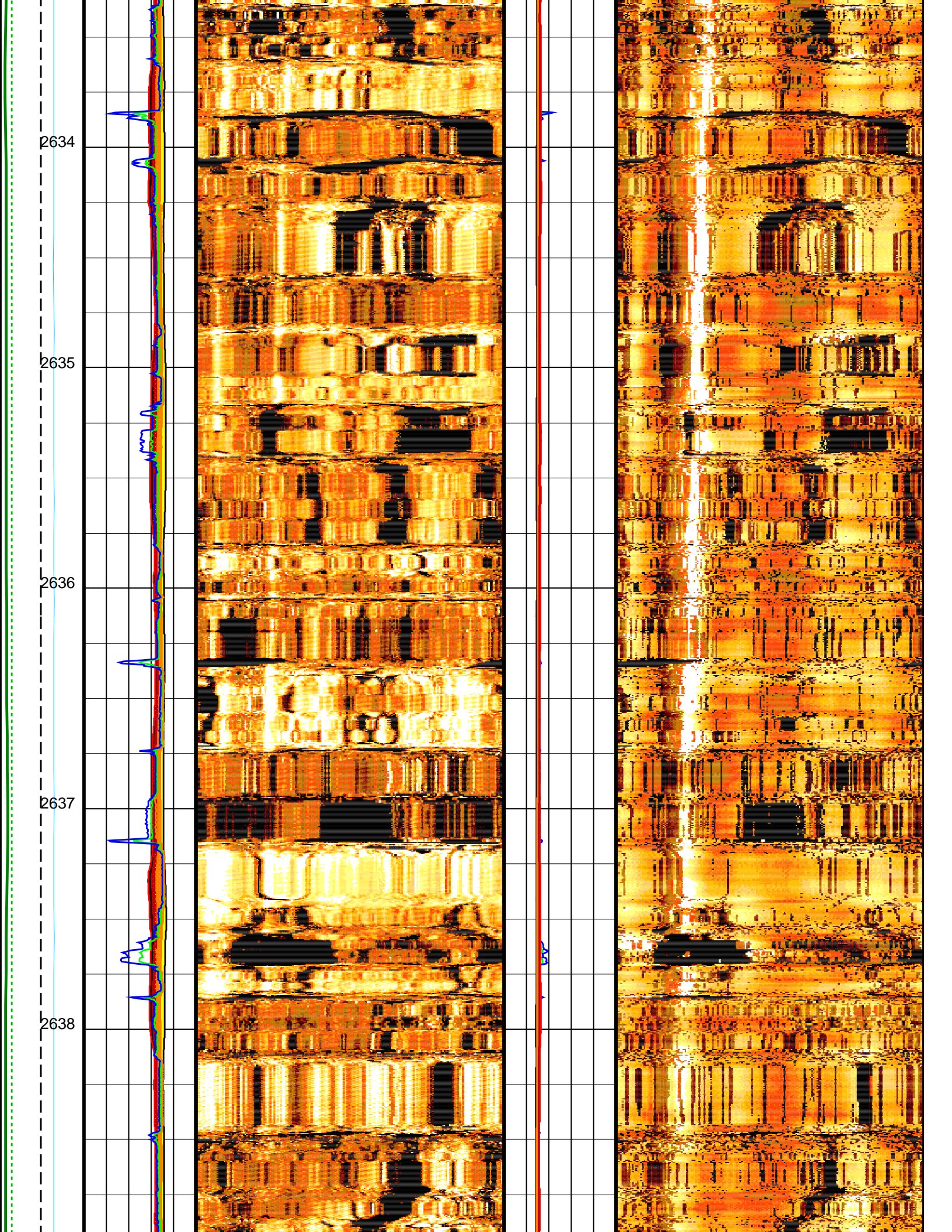
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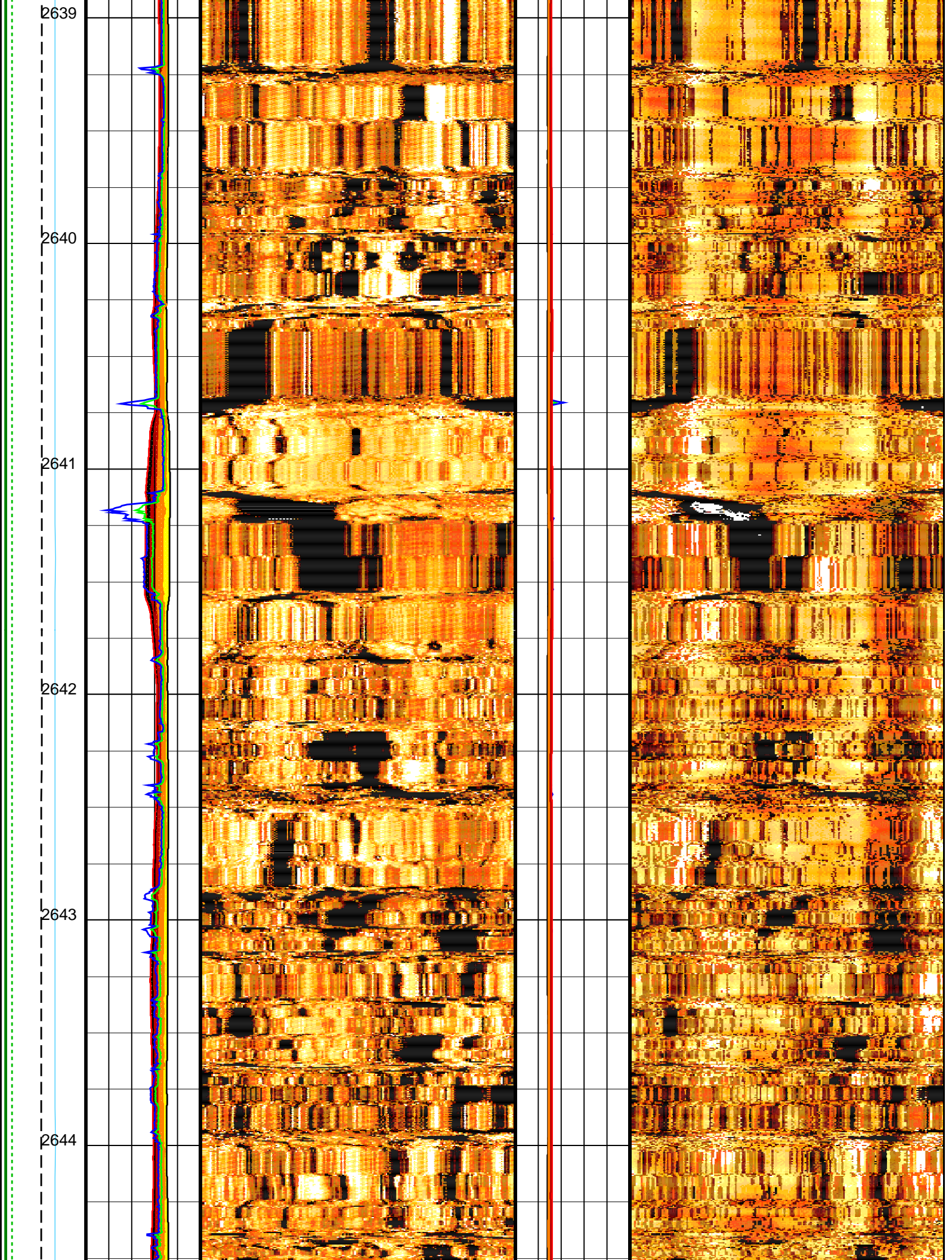
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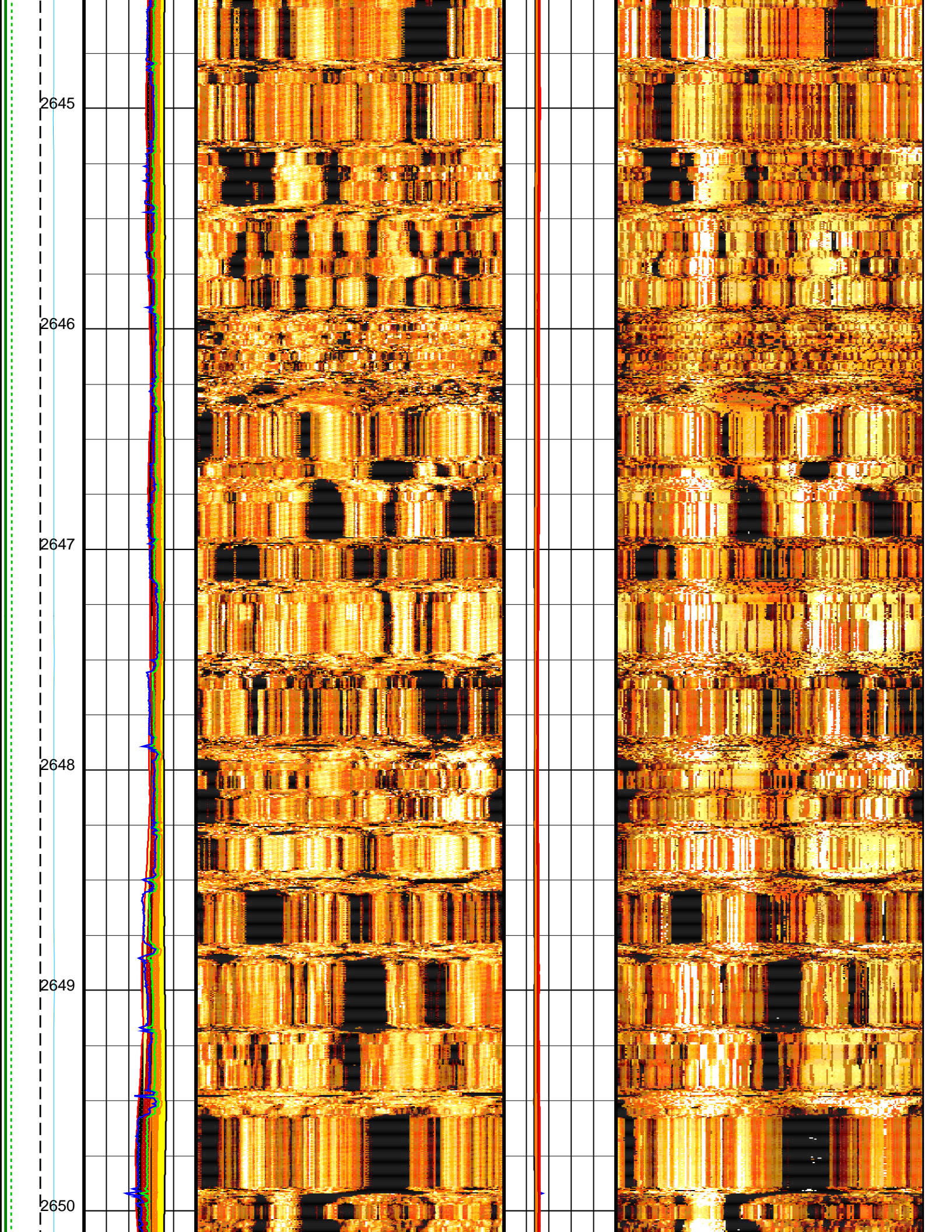












(GAPI)	0	(DB)	50		
0	100				
		HIGH Amplitude (FA75)		Radius max (UTMX)	
	0	(DB)	50	4	(IN) 8

Format: UBI_Image Vertical Scale: 1:20 Graphics File Created: 09-Jul-2021 10:32

OP System Version: 19C0-187

UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

Parameters

DLIS Name	Description	Value	
UBI-D: Ultrasonic Borehole Imager - D			
AAMN	Automatic Amplitude Minimum Scale	2	DB
ANGO	Angular Offset	-17	DEG
ATMN	Automatic Transit Time Minimum Scale	2	US
CSID	Casing Inner Diameter	10.05	IN
DCMN	Window Decrement Down	0.8	
DCMX	Window Decrement Up	0.6	
DFVL	Default Fluid Velocity	198	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	UBI7_SW500_180_1	
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	10.75	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	-0.000268303	
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	1.03413	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.06331	
UHSV: UBI Hole Shape Analysis			
AAMN	Automatic Amplitude Minimum Scale	2	DB
ANGO	Angular Offset	-17	DEG
ATMN	Automatic Transit Time Minimum Scale	2	US
CSID	Casing Inner Diameter	10.05	IN
DCMN	Window Decrement Down	0.8	

DCMN	Window Decrement Down	0.8	
DCMX	Window Decrement Up	0.6	
DFVL	Default Fluid Velocity	198	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	UBI7_SW500_180_1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Output DLIS Files

DEFAULT	UBI_NGS_048LUP	FN:79	PRODUCER	09-Jul-2021 10:32
BACKUP	UBI_NGS_048LUP	FN:80	PRODUCER	09-Jul-2021 10:32

Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner – B (Slim) Wellsite Calibration – Caliper Calibration							
Before: 13–Jun–2021 22:51							
Caliper 1 Zero Measurement	12.00	N/A	12.76	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.49	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.19	N/A	15.69	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.19	N/A	15.53	N/A	N/A	N/A	IN
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET ACCELEROMETER				PROM HAS BEEN READ CORRECTLY			
Before: 8–Jul–2021 22:13							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	743	N/A	N/A	N/A	
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET MAGNETOMETER				PROM HAS BEEN READ CORRECTLY			
Before: 8–Jul–2021 22:13							
TEMPERATURE REFERENCE :	N/A	N/A	23	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	9	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	507	N/A	N/A	N/A	
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check							
Master: 2–May–2021 10:04 Before: 13–Jun–2021 9:44 After: 2–May–2021 10:16							
Na 511 Peak Loc	40.00	39.25	39.64	39.73	0.09286	1.000	
Na 511 Peak Res	15.50	16.53	14.84	15.11	0.2734	2.000	%
High Voltage	1150	1197	1168	1198	30.38	N/A	V
Na 1785 Peak Loc	142.6	141.8	143.3	141.2	–2.089	7.000	
Na 1785 Peak Res	8.500	8.905	7.709	9.136	1.427	2.000	%
Temperature	15.50	26.59	11.69	26.63	14.94	N/A	DEGC
Na Count Rate	45.00	12.01	12.89	12.67	–0.2204	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check							
Master: 2–May–2021 10:04 Before: 13–Jun–2021 9:44 After: 2–May–2021 10:16							
Na 511 Peak Loc	40.00	39.88	39.51	39.79	0.2834	1.000	
Na 511 Peak Res	15.50	15.29	15.27	15.32	0.05639	2.000	%
High Voltage	1150	1122	1090	1121	30.63	N/A	V
Na 1785 Peak Loc	142.6	142.6	140.8	142.5	1.645	7.000	
Na 1785 Peak Res	8.500	8.040	9.507	10.27	0.7659	2.000	%
Temperature	15.50	27.21	12.30	27.24	14.94	N/A	DEGC
Na Count Rate	45.00	12.32	13.60	12.95	–0.6521	8.000	CPS

Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2						
Master: 2–May–2021 10:04 Before: 13–Jun–2021 9:44 After: 2–May–2021 10:16						
Coincidence Count Rate Ratio	1.000	0.9728	0.9527	0.9769	0.02428	0.05000
Hostile Natural Gamma Ray Sonde Master Calibration – Detector 1 Calibration						
Master: 2–May–2021 10:00						
Na 511 Peak Set Point	40.00	41.00	--	--	--	--
Th Peak Loc	209.6	209.6	--	--	--	--
Th Peak Res	7.000	6.625	--	--	--	%
Background Count Rate	142.5	17.82	--	--	--	CPS
Gain Ratio	1.000	1.015	--	--	--	--
Hostile Natural Gamma Ray Sonde Master Calibration – Detector 2 Calibration						
Master: 2–May–2021 10:00						
Na 511 Peak Set Point	40.00	41.00	--	--	--	--
Th Peak Loc	209.6	208.8	--	--	--	--
Th Peak Res	7.000	7.662	--	--	--	%
Background Count Rate	142.5	16.78	--	--	--	CPS
Gain Ratio	1.000	0.9961	--	--	--	--

Micro Electrical Scanner – B (Slim) / Equipment Identification		
Primary Equipment:		
MEST Sonde – B	MEDS – B	724
MEST Preamplifier Cartridge – AB	MEPC – AB	806
GPIT Cartridge – AC	GPIC – AC	840
MEST Acquisition Cartridge – A	MEAC – A	804
Auxiliary Equipment:		
MEST–B Preamplifier Cartridge Housing	MEPH – A	701
MEST Acquisition Cartridge Housing (Slim)	MEAH – B	769

Hostile Natural Gamma Ray Cartridge – B / Equipment Identification		
Primary Equipment:		
HNGC Cartridge	HNGC – B	304
Auxiliary Equipment:		
HNGC Housing	HNGH – A	3

Hostile Natural Gamma Ray Sonde / Equipment Identification		
Primary Equipment:		
HNGS Sonde	HNGS – BA	99
Auxiliary Equipment:		
HNGS Sonde Housing	HNSH – BA	102
Gamma Source Radioactive	GSR – U	6098

Hostile Natural Gamma Ray Sonde Wellsite Calibration								
Detector 1 Check								
Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		39.25	Master		16.53	Master		1197
Before		39.64	Before		14.84	Before		1168
After		39.73	After		15.11	After		1198
	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)	
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		141.8	Master		8.905	Master		26.59
Before		143.3	Before		7.709	Before		11.69
After		141.2	After		9.136	After		26.63
	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)	

Phase	Na Count Rate CPS	Value	
Master		12.01	
Before		12.89	
After		12.67	
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)		
Master: 2-May-2021 10:04			Before: 13-Jun-2021 9:44 After: 2-May-2021 10:16

Hostile Natural Gamma Ray Sonde Wellsite Calibration								
Detector 2 Check								
Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		39.88	Master		15.29	Master		1122
Before		39.51	Before		15.27	Before		1090
After		39.79	After		15.32	After		1121
	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)	
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		142.6	Master		8.040	Master		27.21
Before		140.8	Before		9.507	Before		12.30
After		142.5	After		10.27	After		27.24
	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)	
Phase	Na Count Rate CPS	Value						
Master		12.32						
Before		13.60						
After		12.95						
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)							
Master: 2-May-2021 10:04			Before: 13-Jun-2021 9:44			After: 2-May-2021 10:16		

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		0.9728
Before		0.9527
After		0.9769
	0.9500 (Minimum) 1.000 (Nominal) 1.050 (Maximum)	
Master: 2-May-2021 10:04		
Before: 13-Jun-2021 9:44		
After: 2-May-2021 10:16		

Hostile Natural Gamma Ray Sonde Master Calibration											
Detector 1 Calibration											
Phase	Na 511 Peak Set Point		Value	Phase	Th Peak Loc		Value	Phase	Th Peak Res %		Value
Master	<div><div></div></div>		41.00	Master	<div><div></div></div>		209.6	Master	<div><div></div></div>		6.625
	38.00 (Minimum)	40.00 (Nominal)	43.00 (Maximum)		201.0 (Minimum)	209.6 (Nominal)	218.3 (Maximum)		5.000 (Minimum)	7.000 (Nominal)	9.000 (Maximum)
Phase	Background Count Rate CPS		Value	Phase	Gain Ratio		Value				
Master	<div><div></div></div>		17.82	Master	<div><div></div></div>		1.015				
	10.00 (Minimum)	142.5 (Nominal)	265.0 (Maximum)		0.9400 (Minimum)	1.000 (Nominal)	1.060 (Maximum)				
Master: 2-May-2021 10:00											

Hostile Natural Gamma Ray Sonde Master Calibration								
Detector 2 Calibration								
Phase	Na 511 Peak Set Point	Value	Phase	Th Peak Loc	Value	Phase	Th Peak Res %	Value
Master		41.00	Master		208.8	Master		7.662
	38.00 (Minimum) 40.00 (Nominal) 43.00 (Maximum)			201.0 (Minimum) 209.6 (Nominal) 218.3 (Maximum)			5.000 (Minimum) 7.000 (Nominal) 9.000 (Maximum)	
Phase	Background Count Rate CPS	Value	Phase	Gain Ratio	Value			

Phase	Background Count Rate - CPS	Value	Phase	Gain Ratio	Value
Master	<div><div></div></div>	16.78	Master	<div><div></div></div>	0.9961
	10.00 (Minimum)	142.5 (Nominal)		0.9400 (Minimum)	1.000 (Nominal)
		265.0 (Maximum)			1.060 (Maximum)
Master: 2-May-2021 10:00					

DTS Telemetry Tool / Equipment Identification

Primary Equipment:

DTC-H Auxiliary Cartridge	DTCH - A	8799
DTC-H Telemetry Cartridge	DTCH - A	8799

Auxiliary Equipment:

DTCH Telemetry Cartridge Housing	ECH - KC	9842
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Company: **International Ocean Discovery Program**

Schlumberger

Well: **Expedition 395C, Site U1554F**

Field: **North Atlantic Mantle Convection&Climate**

Rig: **JOIDES Resolution**

Ocean: **Atlantic**

Ultra Sonic Borehole Imager (UBI)

Natural Gamma (HNGS)