



Well: **Expedition 395, Site U1564F**
Field: **Reykjanes Mantle Convection and Climate**
Rig: **JOIDES Resolution** Country: **Iceland**

Rig:	JOIDES Resolution				
Field:	Reykjanes Mantle Convection and				
Location:	Latitude: N 59.8506*				
Well:	Expedition 395, Site U1564F				
Company:	International Ocean Discovery Program				
		Formation Micro–Scanner (FMS)			
		Dipole Sonic Imager (DSI)			
		LOCATION	Latitude: N 59.8506*		Elev.: K.B. 0.00 m
			Longitude: W 23.2664*		G.L. –2219.50 m
					D.F. 0.00 m
			Permanent Datum: Sea Floor		Elev.: –2219.50 m
		Log Measured From: Rig Floor		2219.50 m above Perm. Datum	
		Drilling Measured From: Rig Floor			
		Ocean: Atlantic	Max. Well Deviation 5 deg		Longitude W 23.2664*
				Latitude N 59.8506*	

Logging Date			9-Aug-2023					
Run Number			2					
Depth Driller			3389.8 m					
Schlumberger Depth			3389.8 m					
Bottom Log Interval			3389.8 m					
Top Log Interval			2219.5 m					
Casing Driller Size @ Depth			10.750 in @ 2772 m			@		
Casing Schlumberger			2772 m					
Bit Size			9.875 in					
Type Fluid In Hole			Sea Water					
MUD	Density	Viscosity	1.023 g/cm3					
	Fluid Loss	PH			8.07			
	Source Of Sample		Mudpit					
	RM @ Measured Temperature		0.220 ohm.m @ 23 degC			@		
	RMF @ Measured Temperature		@			@		
RMC @ Measured Temperature		@			@			
Source RMF	RMC	N/A	N/A					
RM @ MRT	RMF @ MRT	0.369 @ 5	@ 5		@		@	
Maximum Recorded Temperatures			5 degC					
Circulation Stopped		Time	9-Aug-2023		0:00			
Logger On Bottom		Time	9-Aug-2023		11:15			
Unit Number	Location	627314 Larose, LA						
Recorded By			C. Furman					
Witnessed By			K. Grigar					

[illegible]

[illegible]

DISCLAIMER

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OTHER SERVICES1

OS1: HLDS

OS2: HRLA

OS3: HNGS

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).

Caliper closed for down log, as it cannot be used in that direction, so FMS is not valid going down.

DSI suffered electrical damage to the transmitters at a depth of 3315mbrf on the downlog and could not be used upward.

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

Caliper Open from TD to casing on upward logs.




Note: Caliper opened and closed on the fly to avoid any downward motion with calipers open in heave.

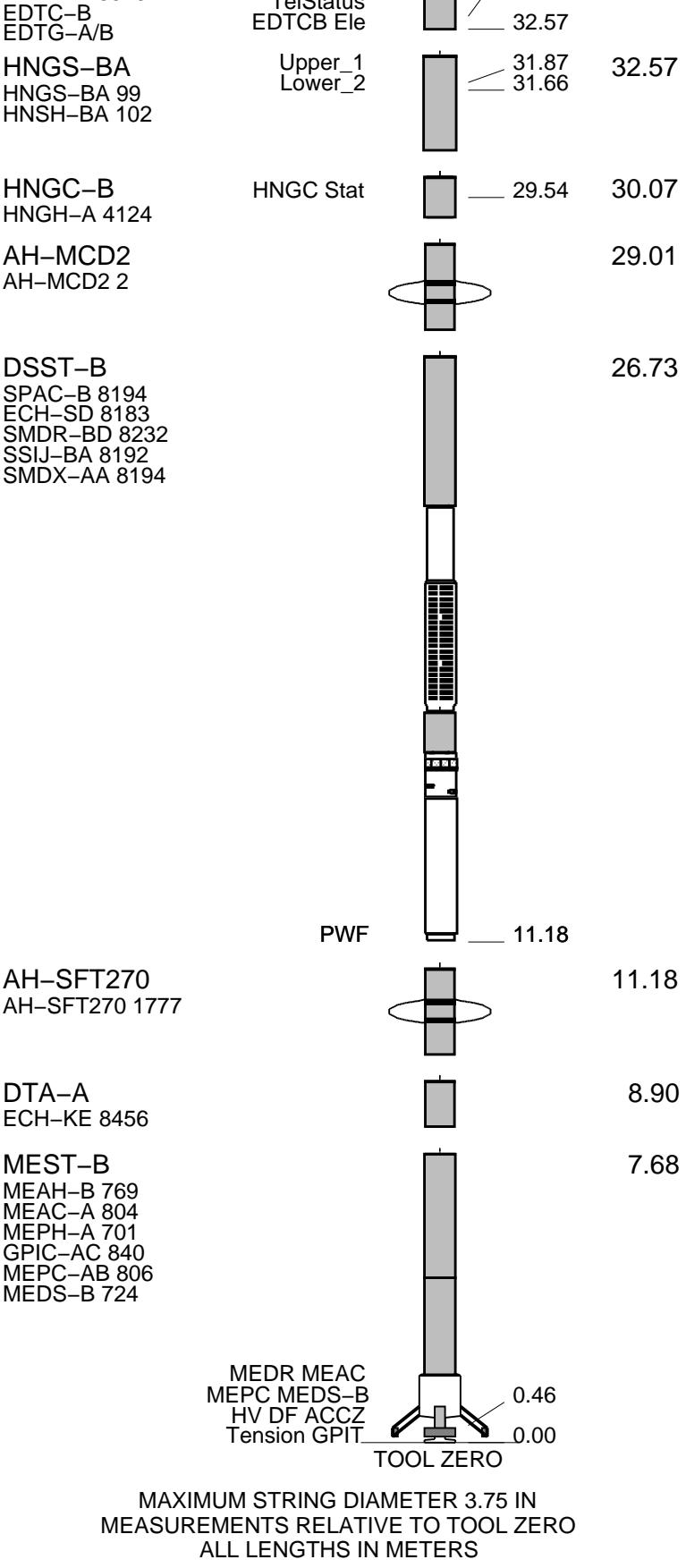
EMEX (FMS Measurement power) disconnected 10m prior to entering casing to avoid damaging tool's amplifiers.

Casing ID was 10.09inches: both FMS calipers were within tolerance without corrections.

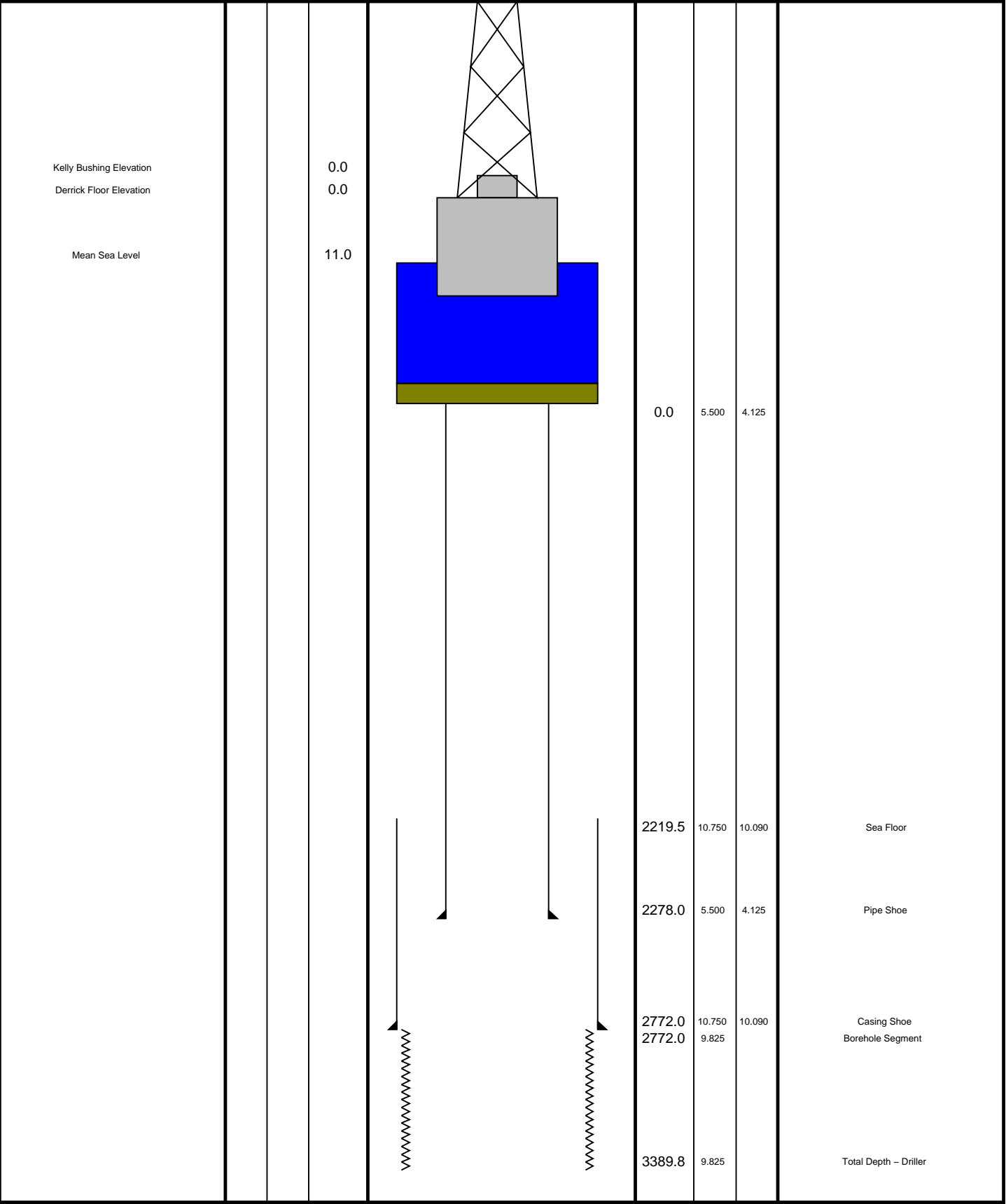
RUN 1 SERVICE ORDER #: PROGRAM VERSION: 19C0-187 FLUID LEVEL:			RUN 2 SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

[illegible]

RUN 1		RUN 2	
SURFACE EQUIPMENT			
GSR-U 135 WITM (EDTS)-A			
DOWNHOLE EQUIPMENT			
LEH-QT			35.88
LEH-QT 301	MDSB_EDTC		
AH-369	Mud Tempe		34.55
	CTEM		33.49
EDTC-B	Gamma Ray		32.92
EDTH-B 8529	EFTB DIAG		34.55
	TelStatue		



Production String	(in) (m)	Well Schematic	(m) (in)	Casing String
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Downlog (Flipped)
1:200 Scale

MAXIS Field Log

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_058LUP	PRODUCER	10-Aug-2023 13:12	3335.3 M	2727.2 M
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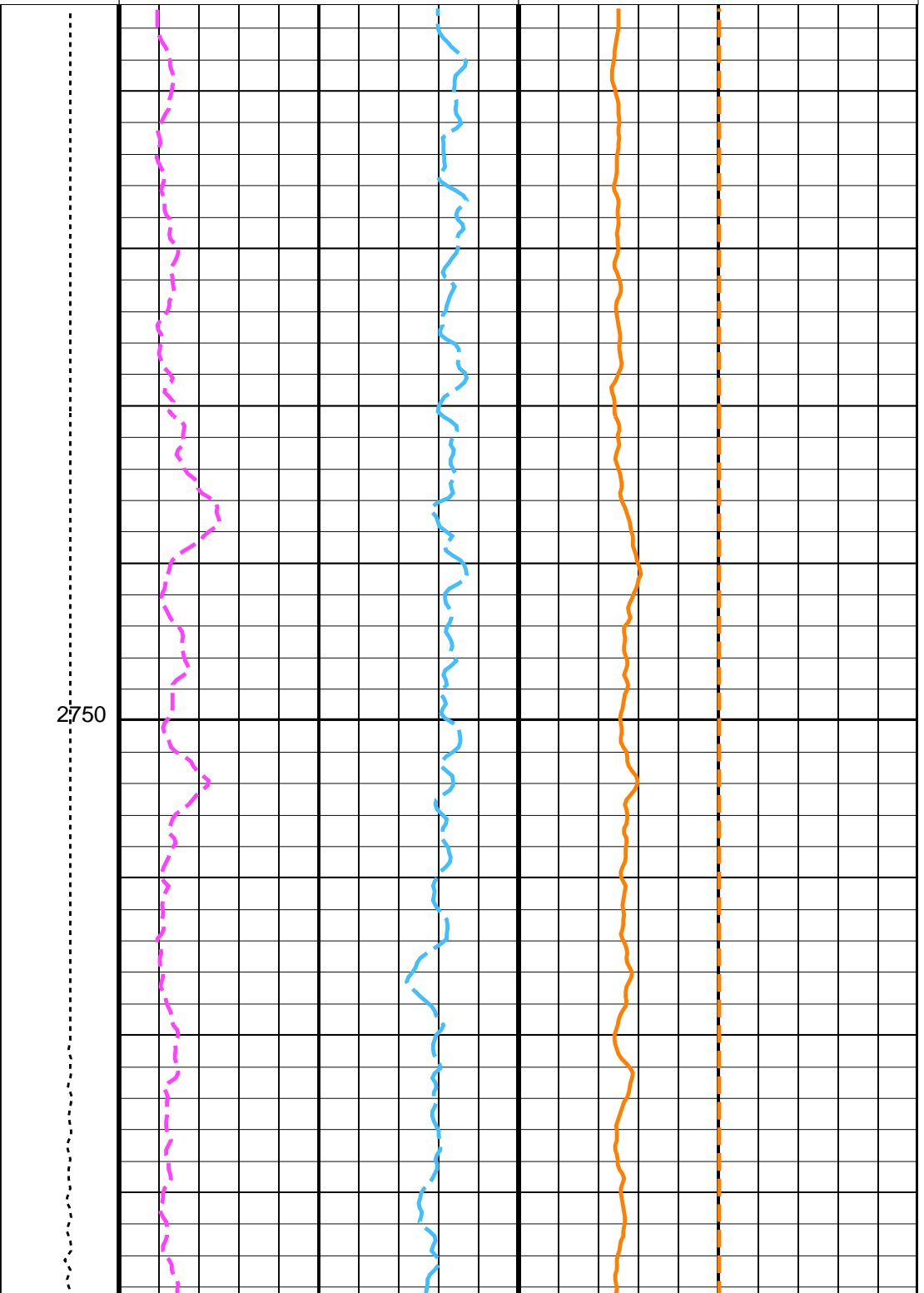
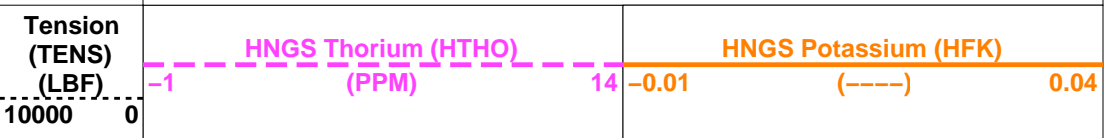
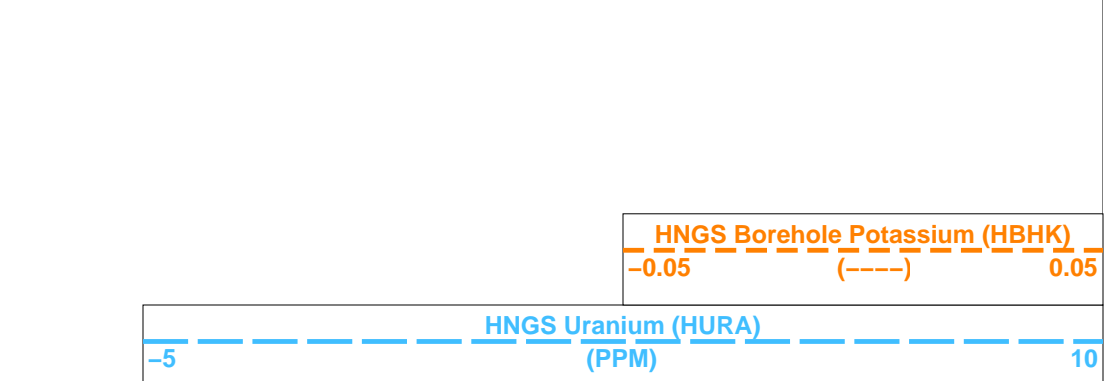
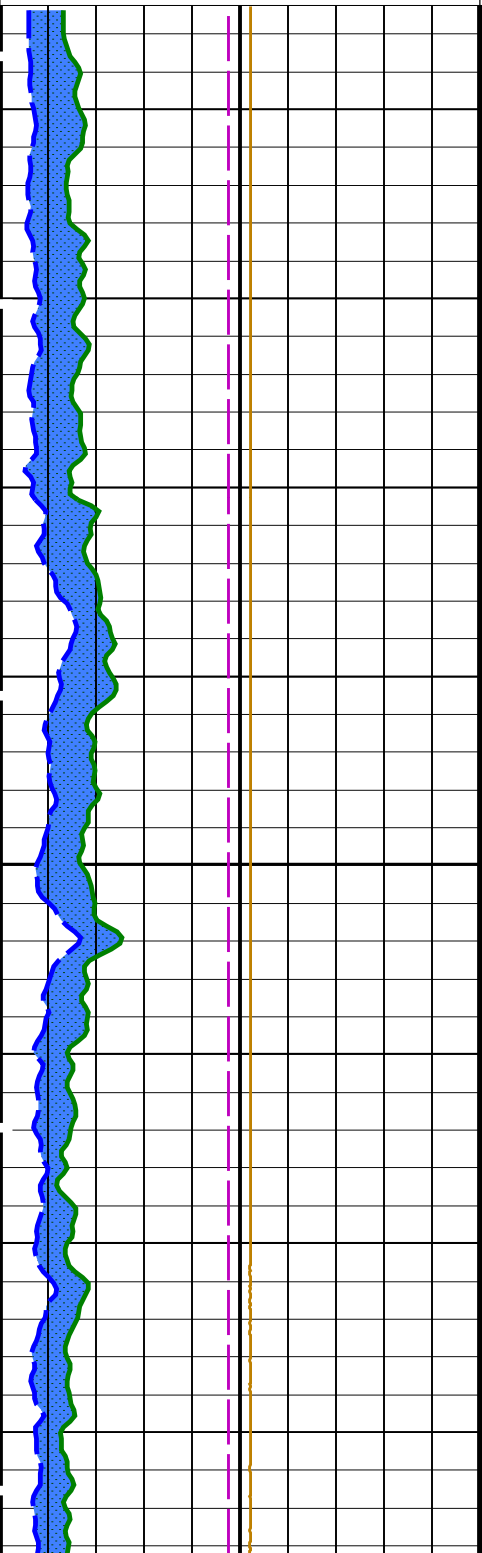
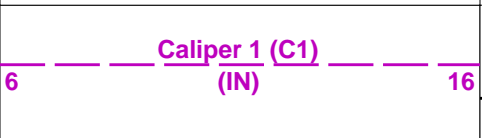
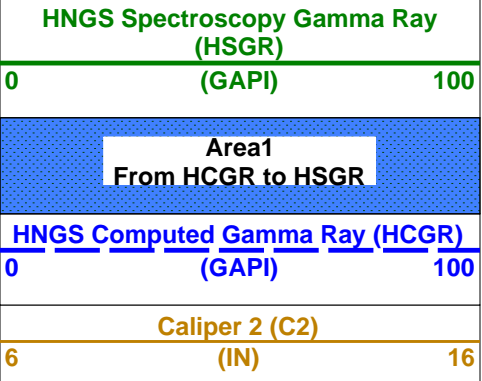
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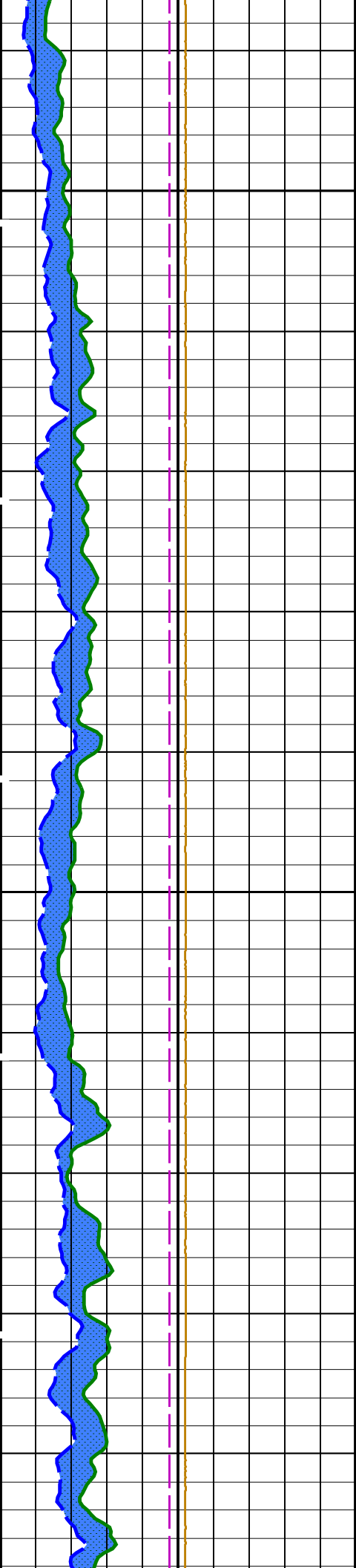
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OP System Version: 19C0-187

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

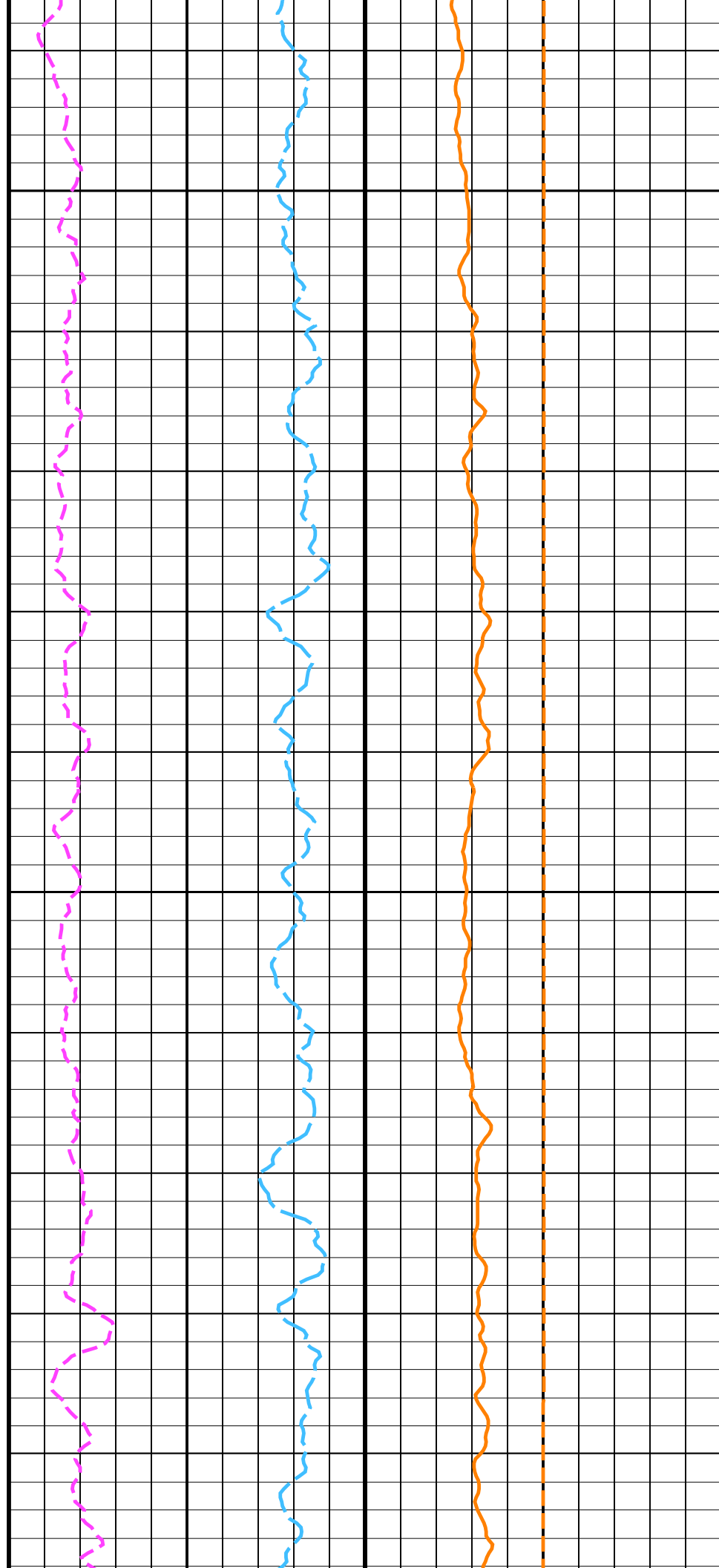
Time Mark Every 60 S

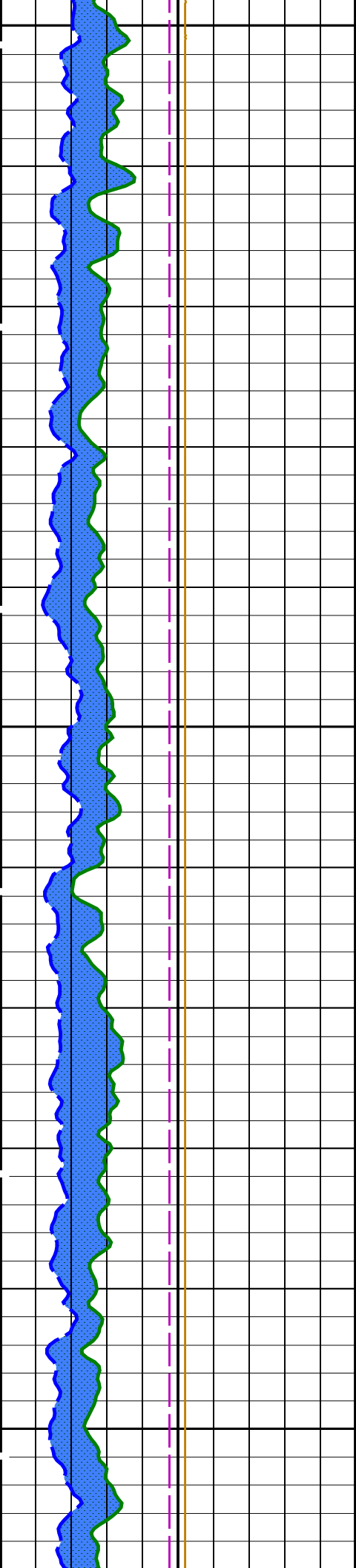




2775

2800

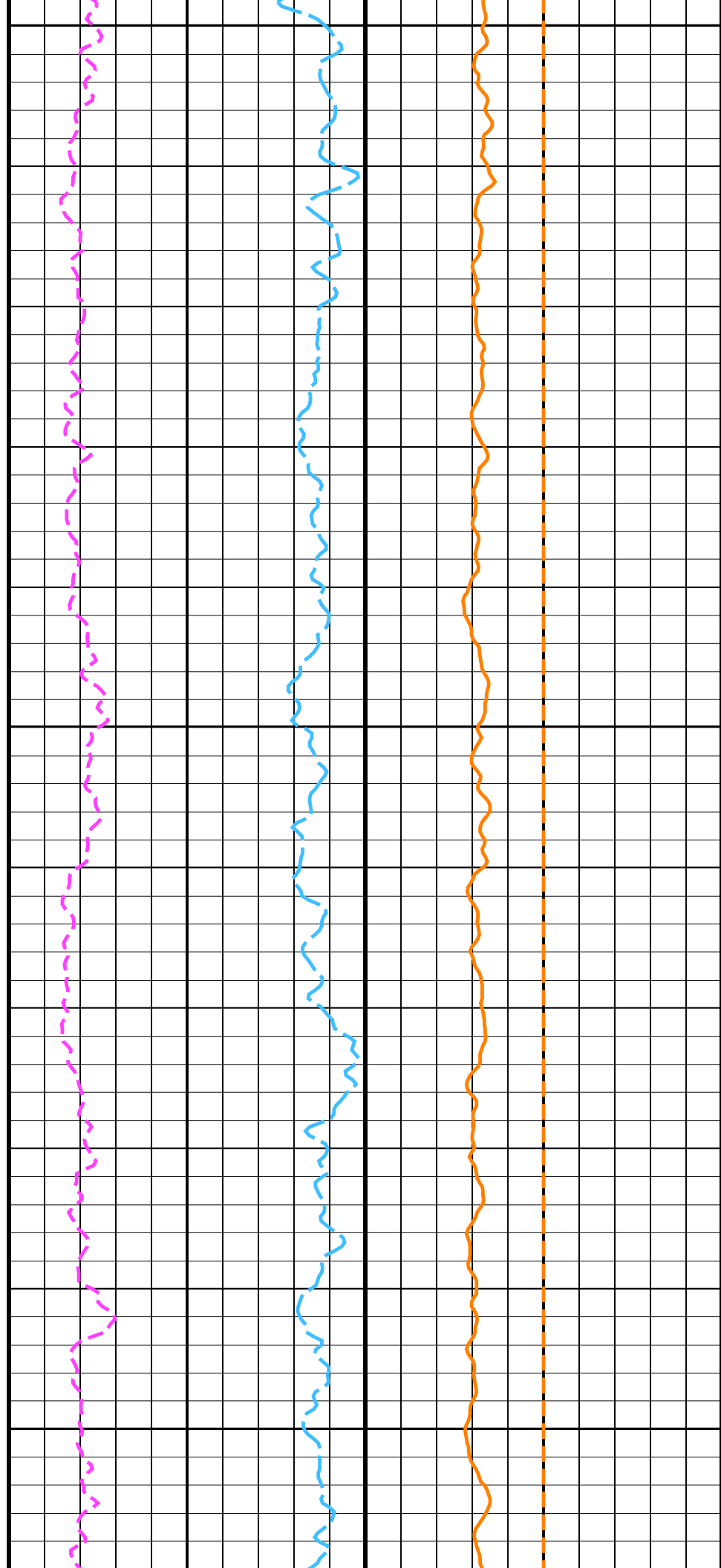


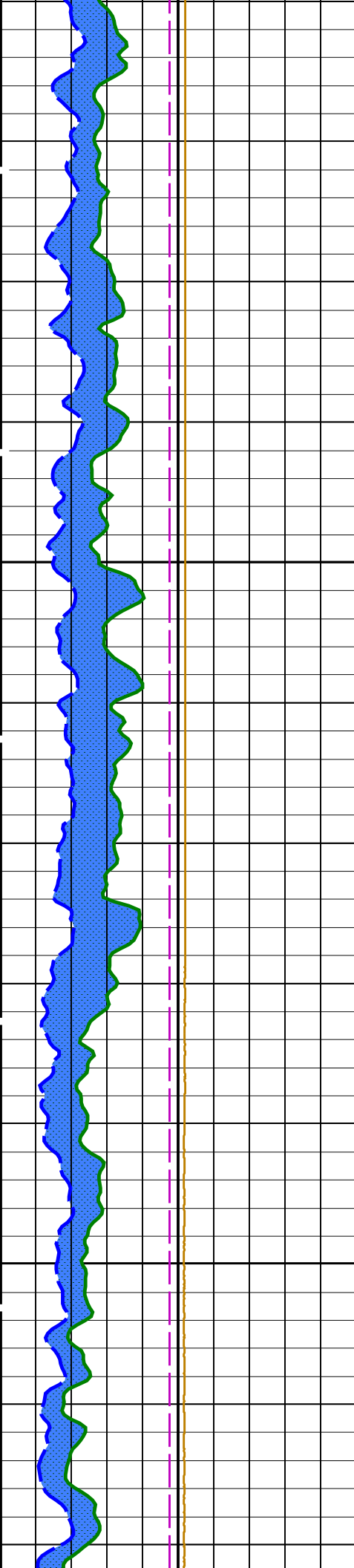


2825

2850

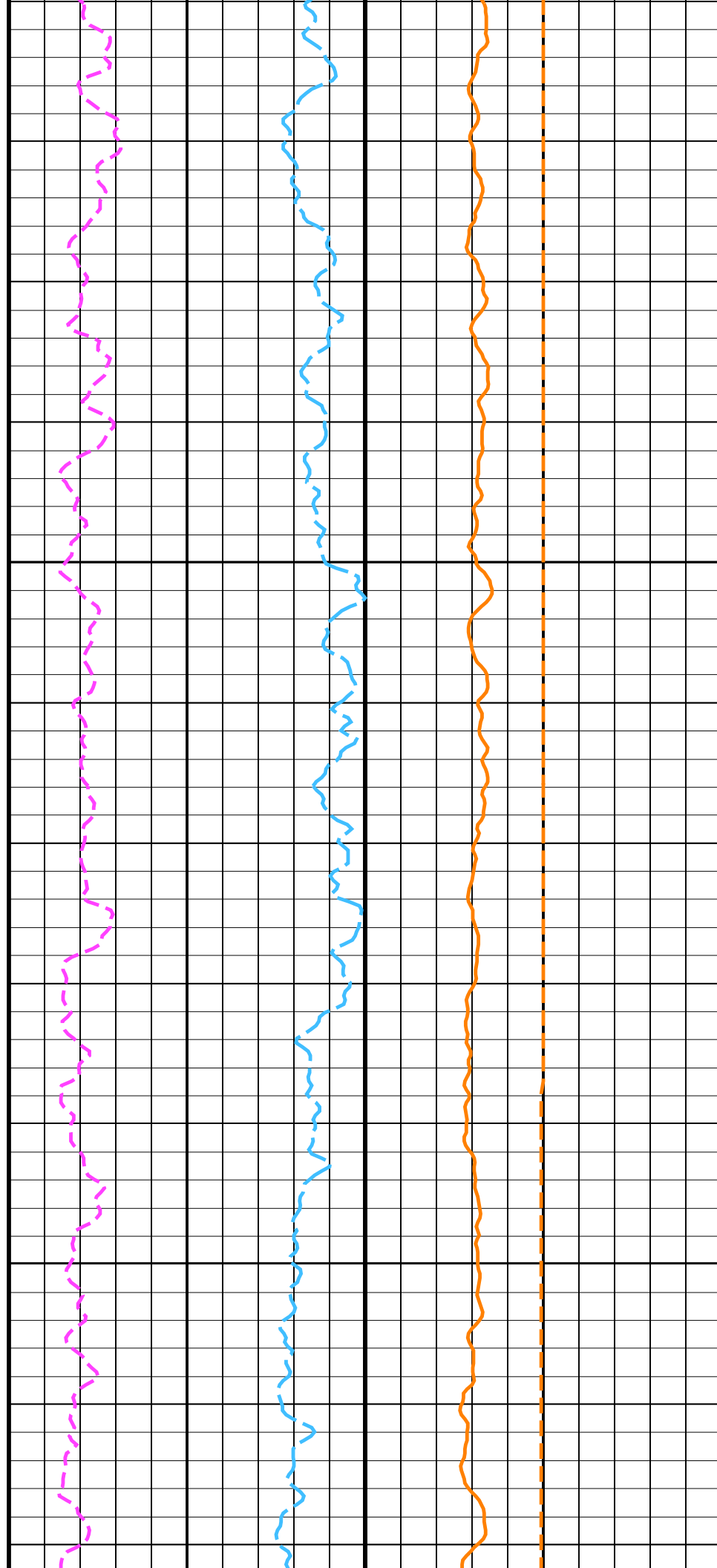
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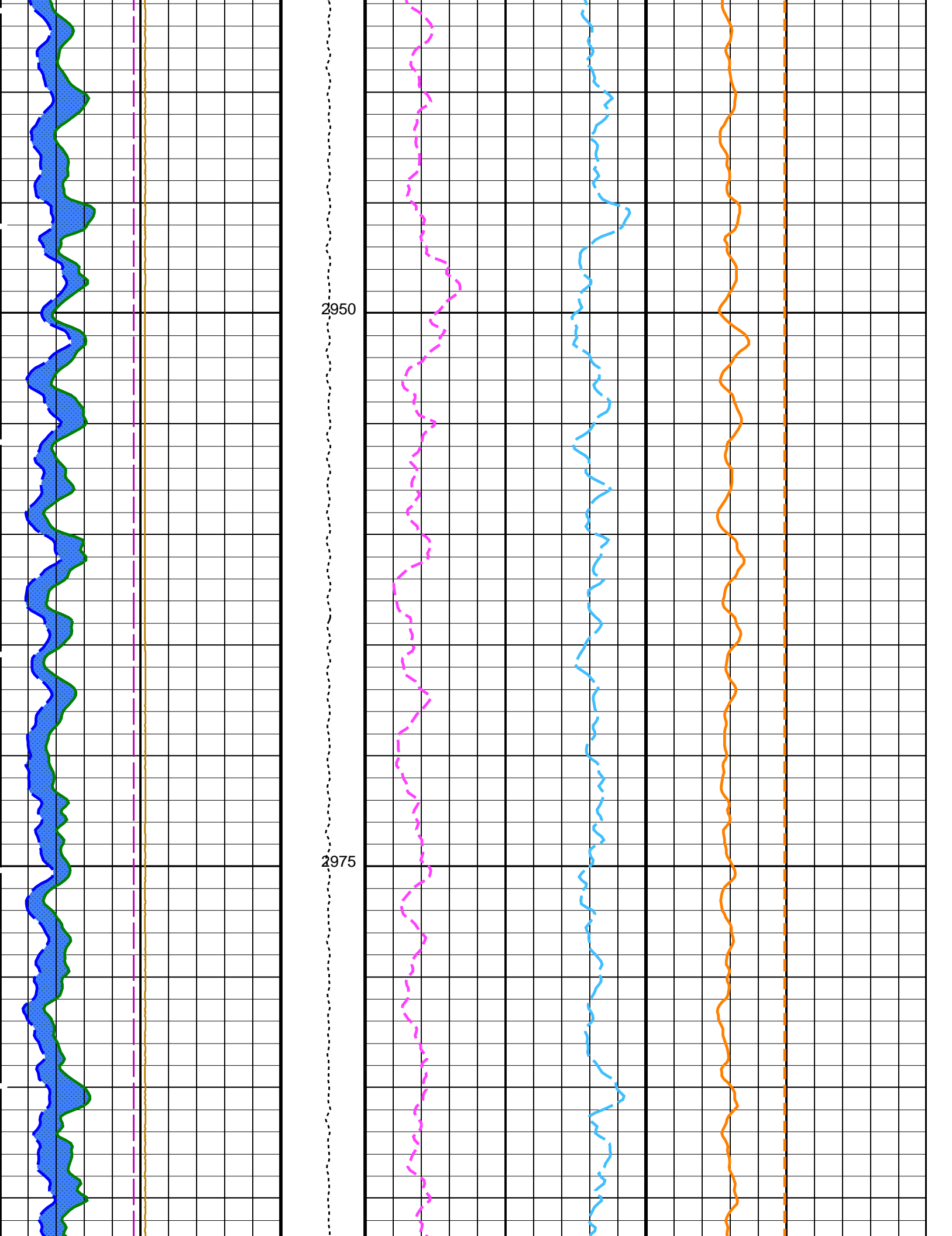


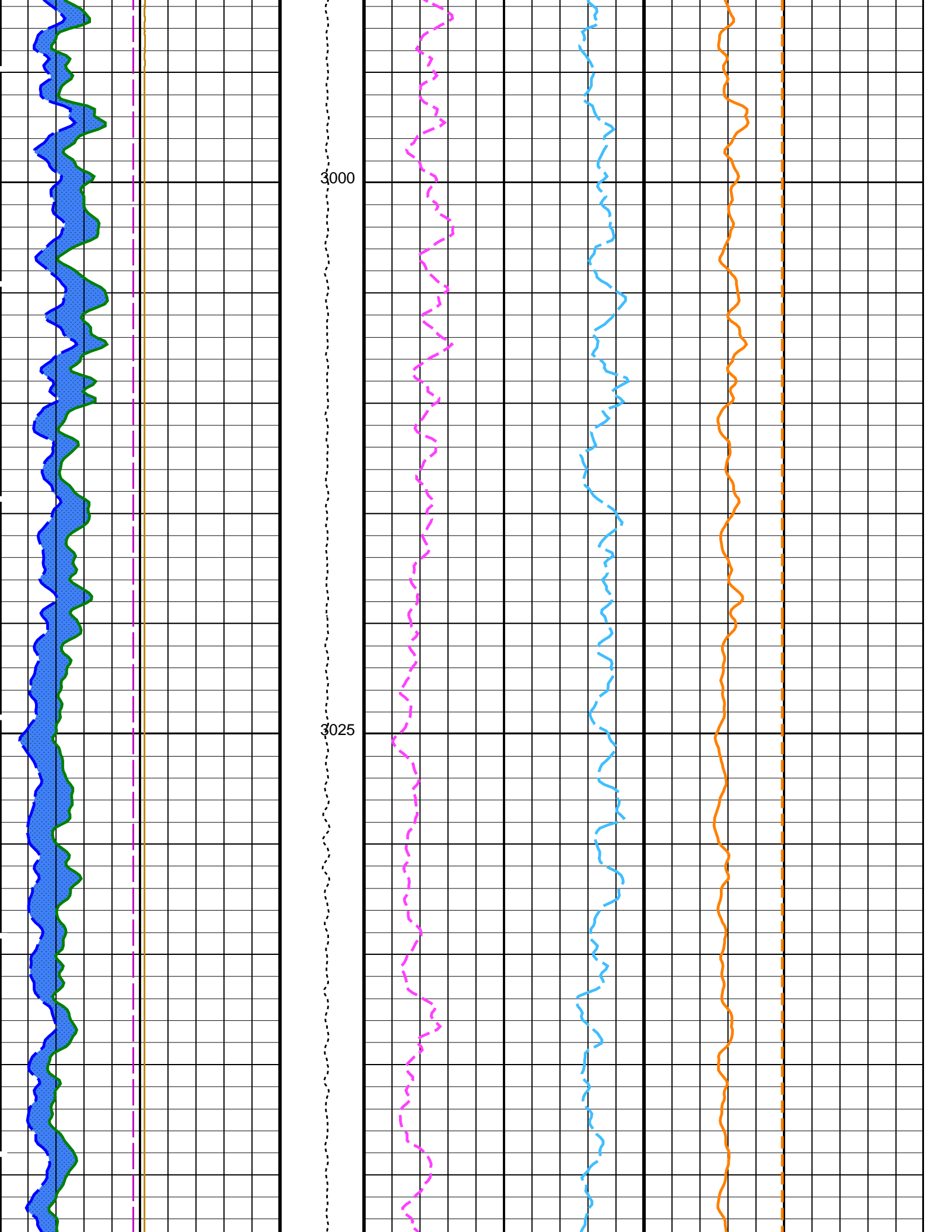


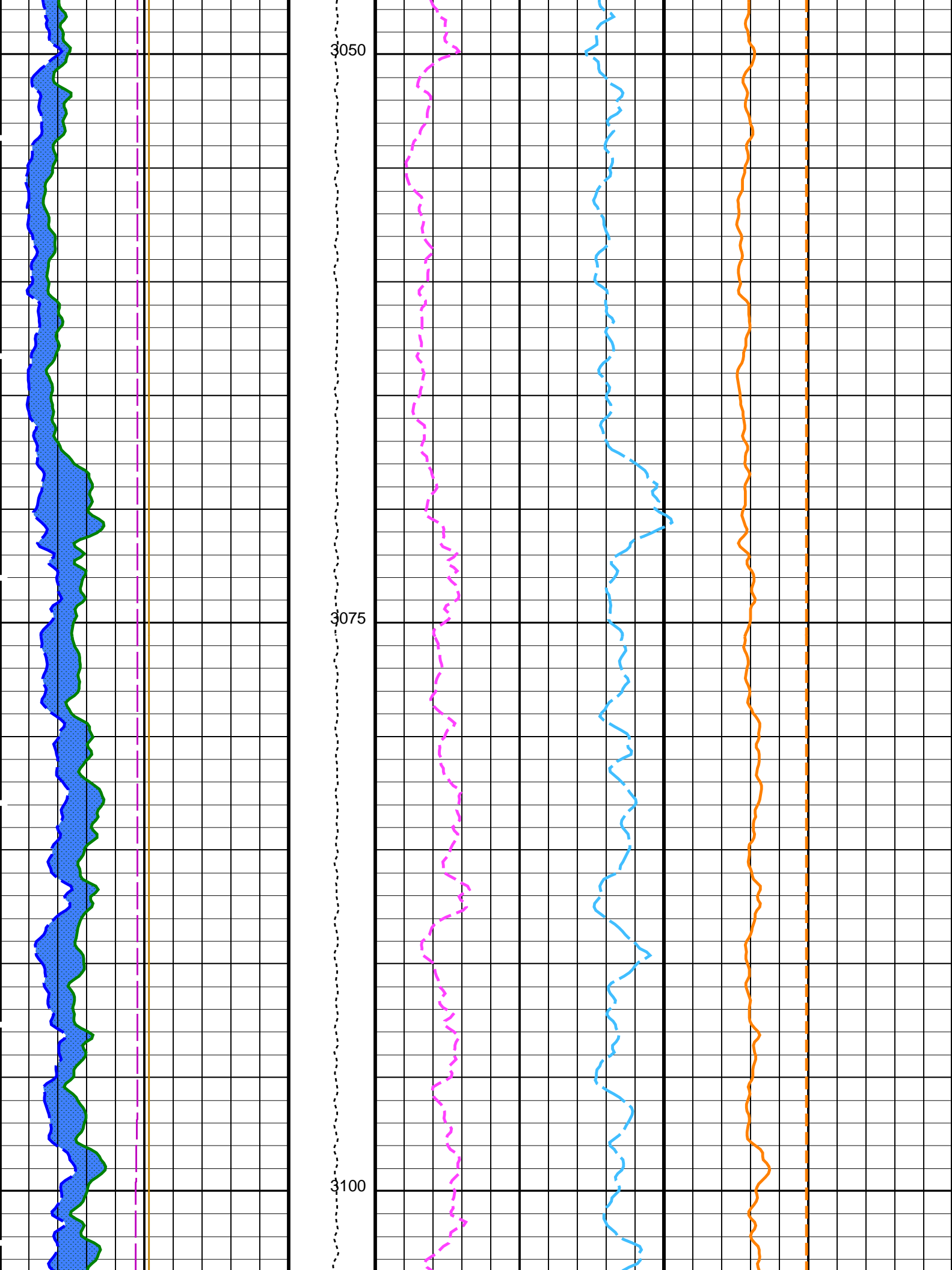
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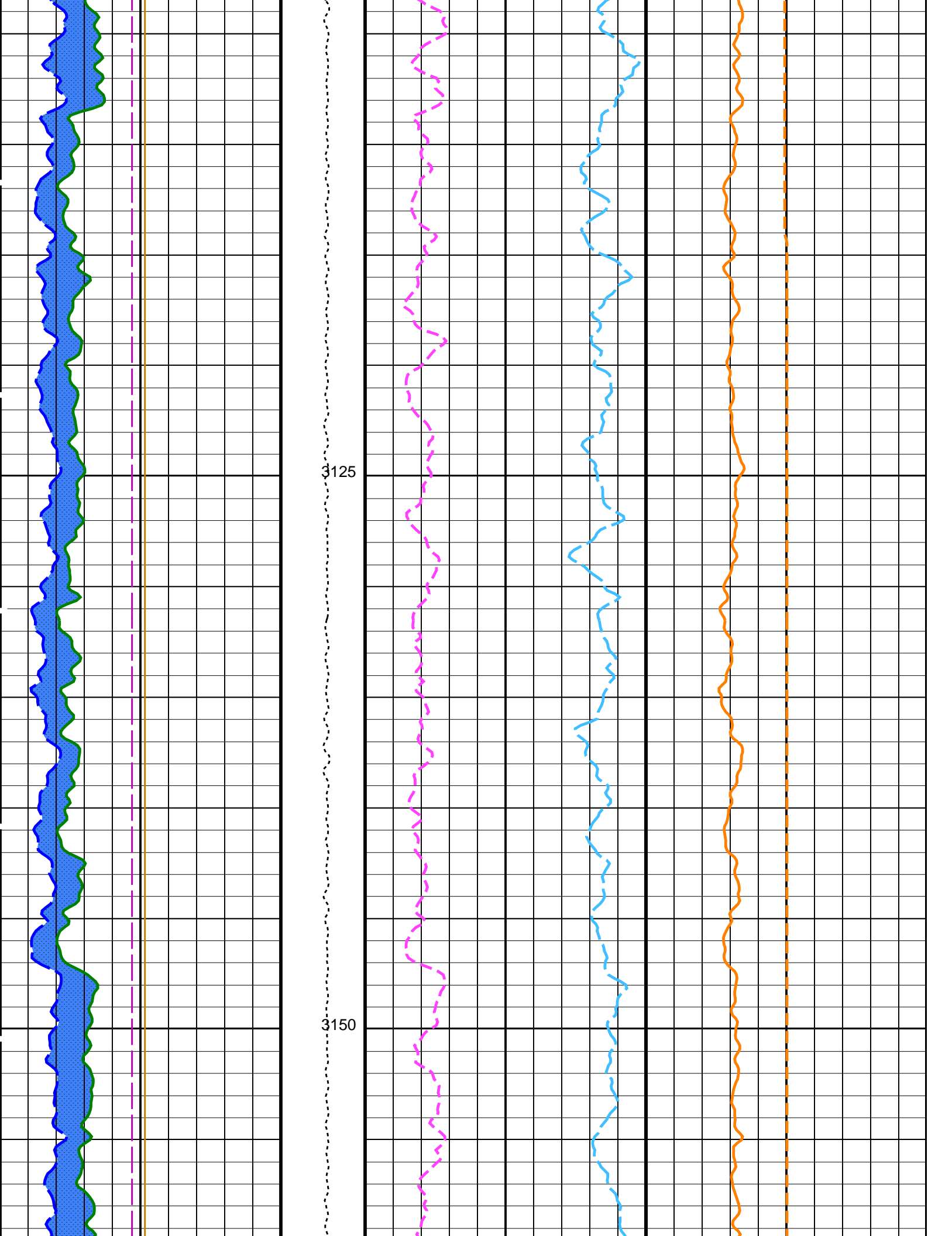
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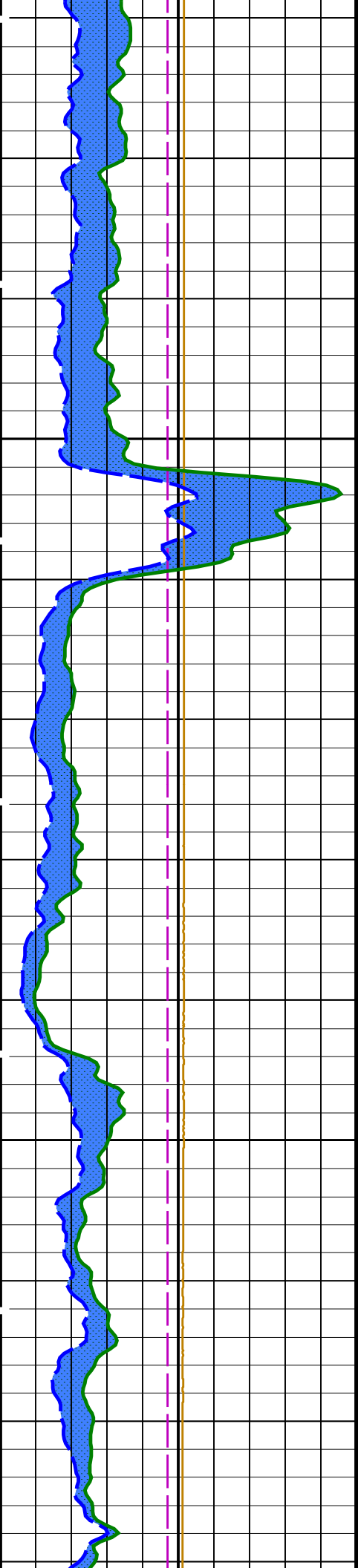






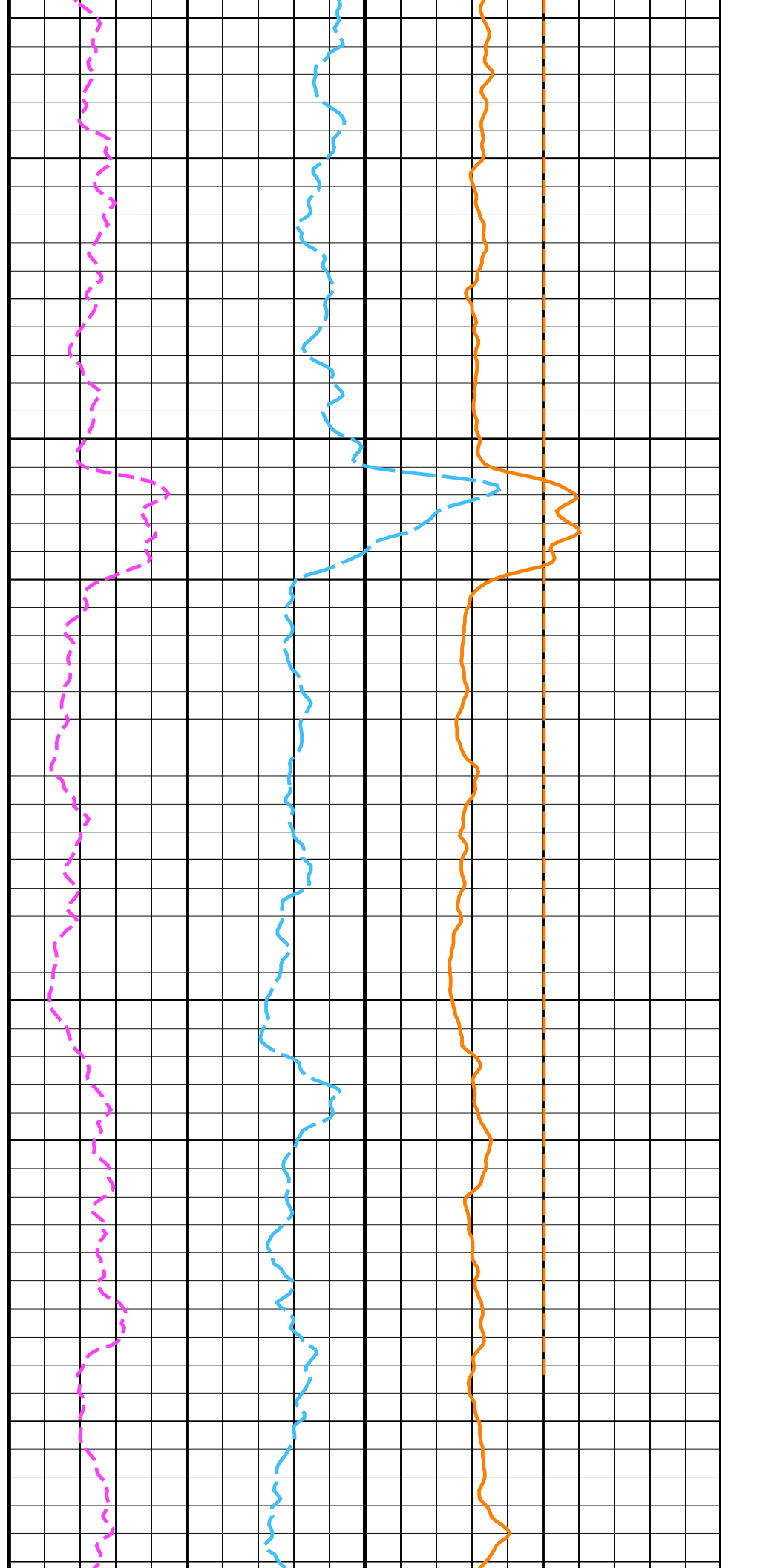


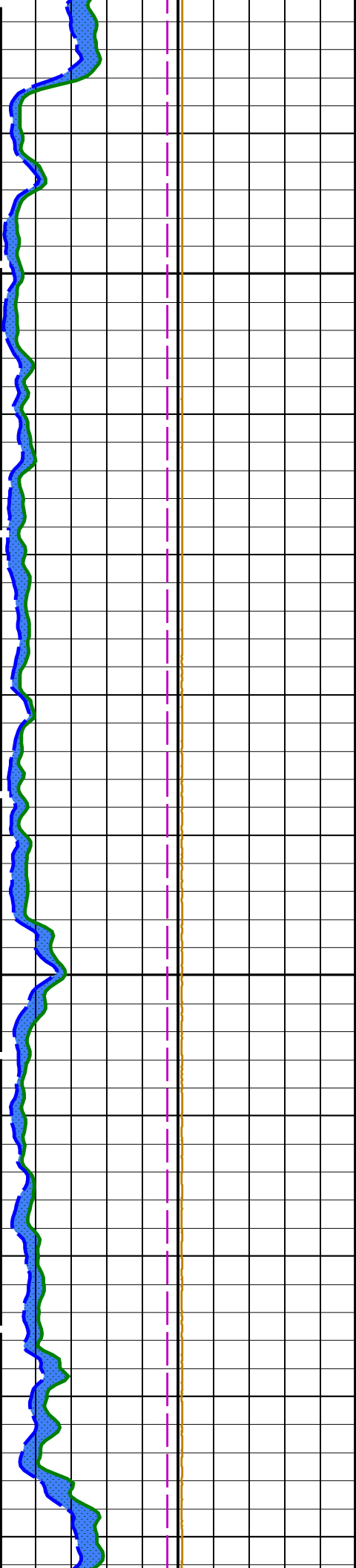




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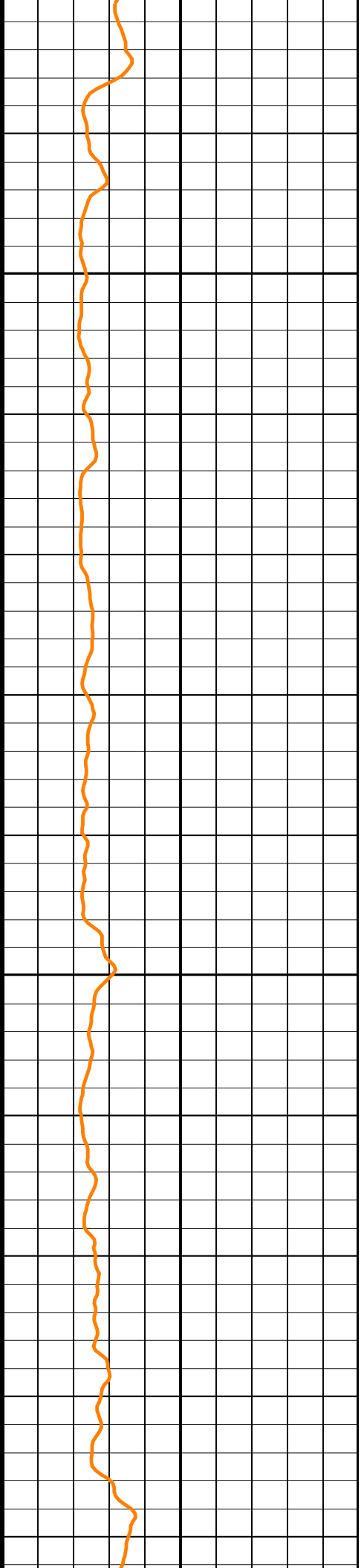
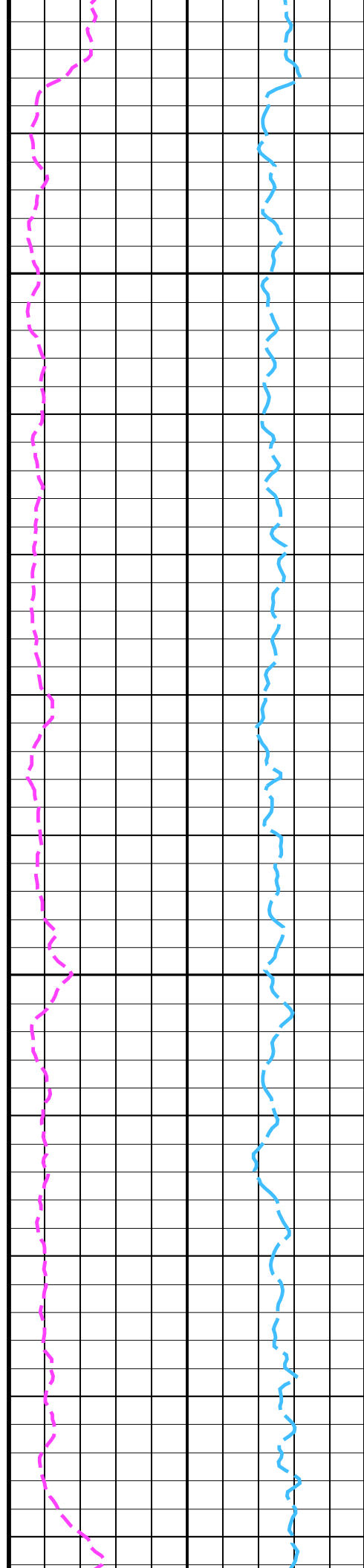
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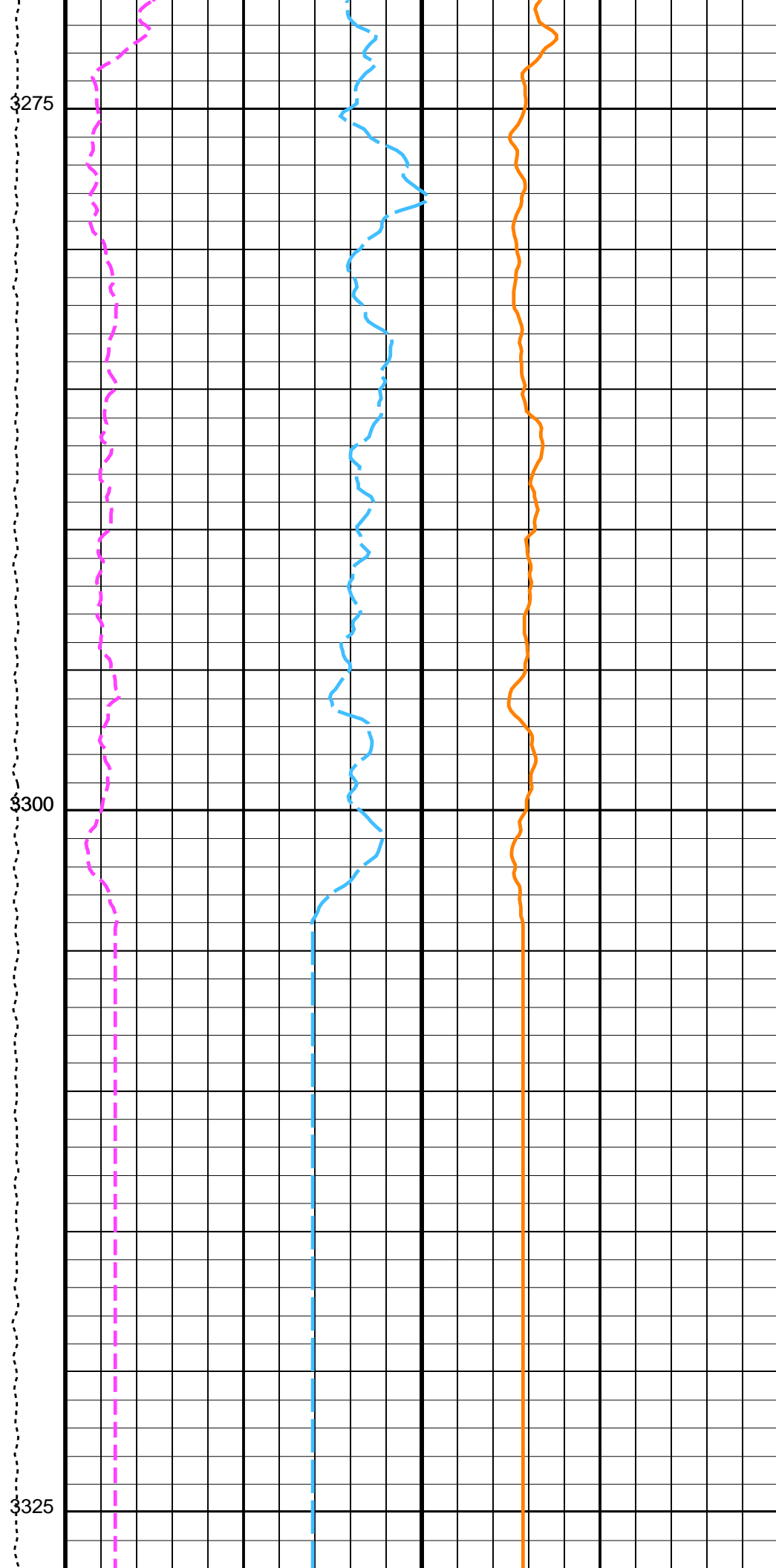
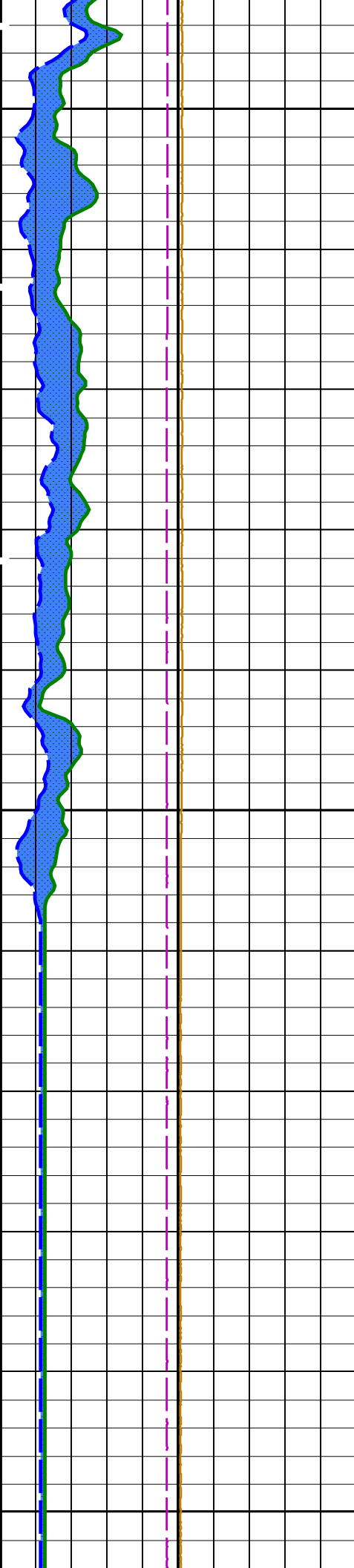


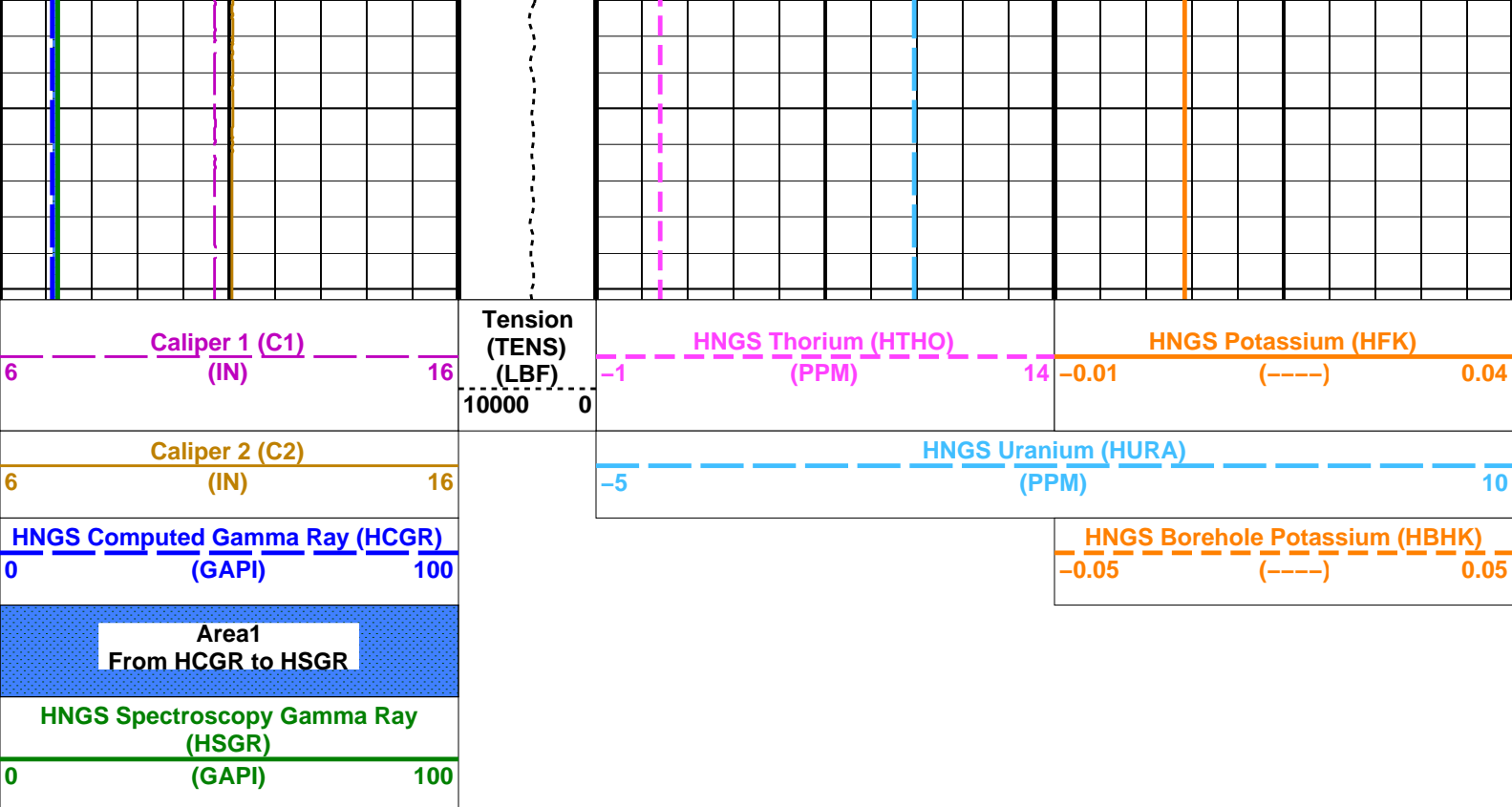


3225

3250







PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	BS	
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	-0.0107464	
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	1.03863	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.06715	
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
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: HNGSYields Vertical Scale: 1:200

Graphics File Created: 10-Aug-2023 13:16

OP System Version: 19C0-187

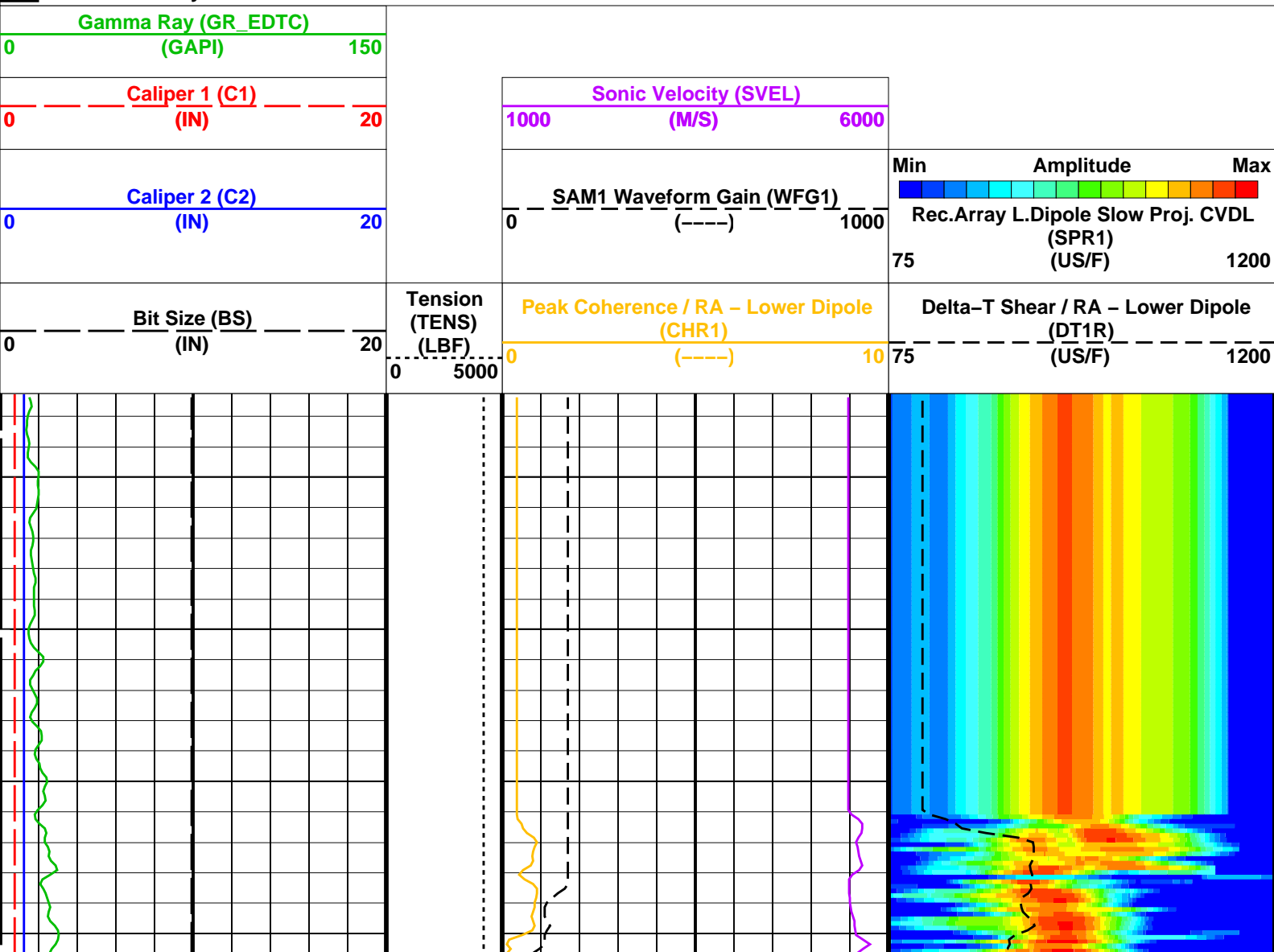
Input DLIS Files						
DEFAULT	Flip_FMS_DSI_NGS_058LUP	PRODUCER	10-Aug-2023 13:12	3335.3 M	2727.2 M	
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_060PUP	FN:73	PRODUCER	10-Aug-2023 13:16		

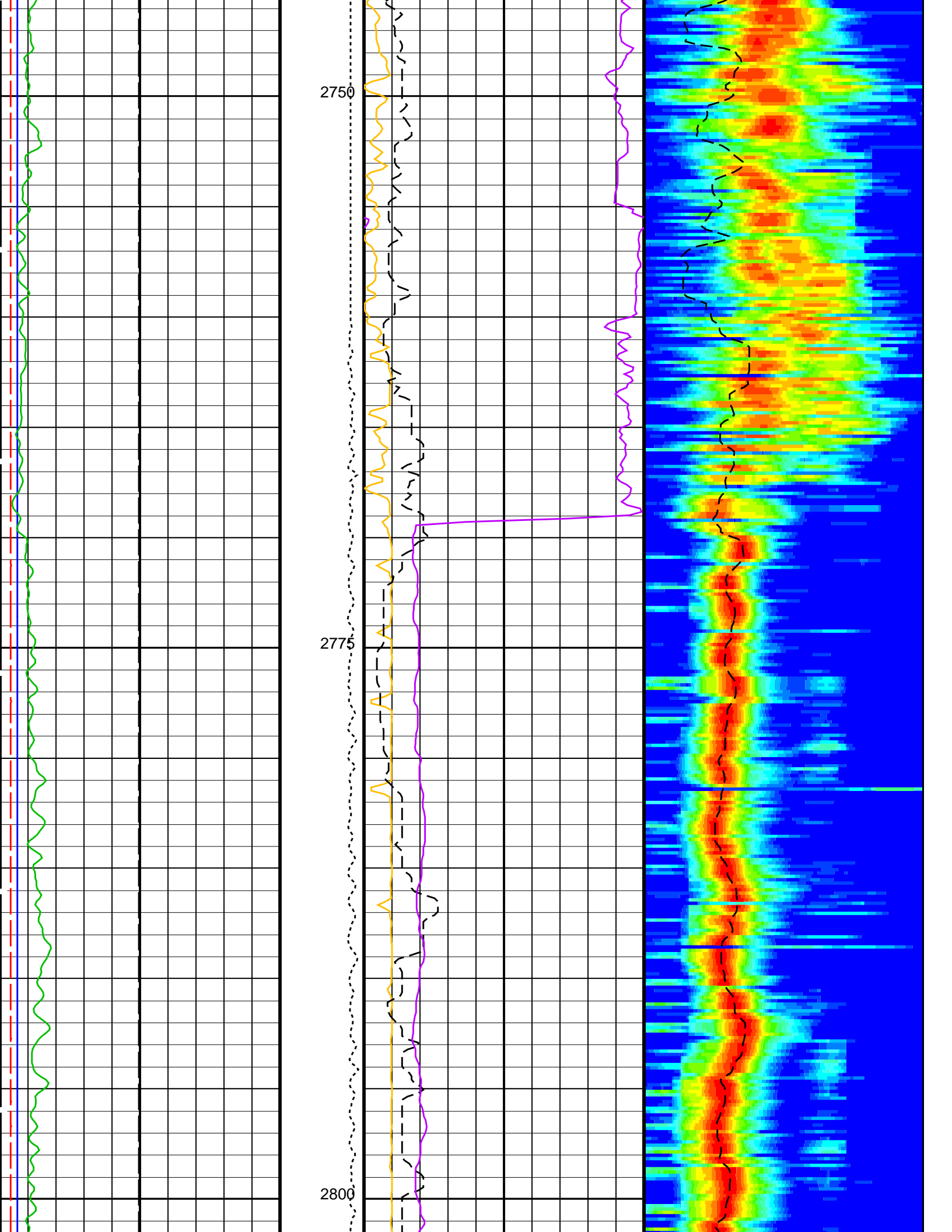
Input DLIS Files						
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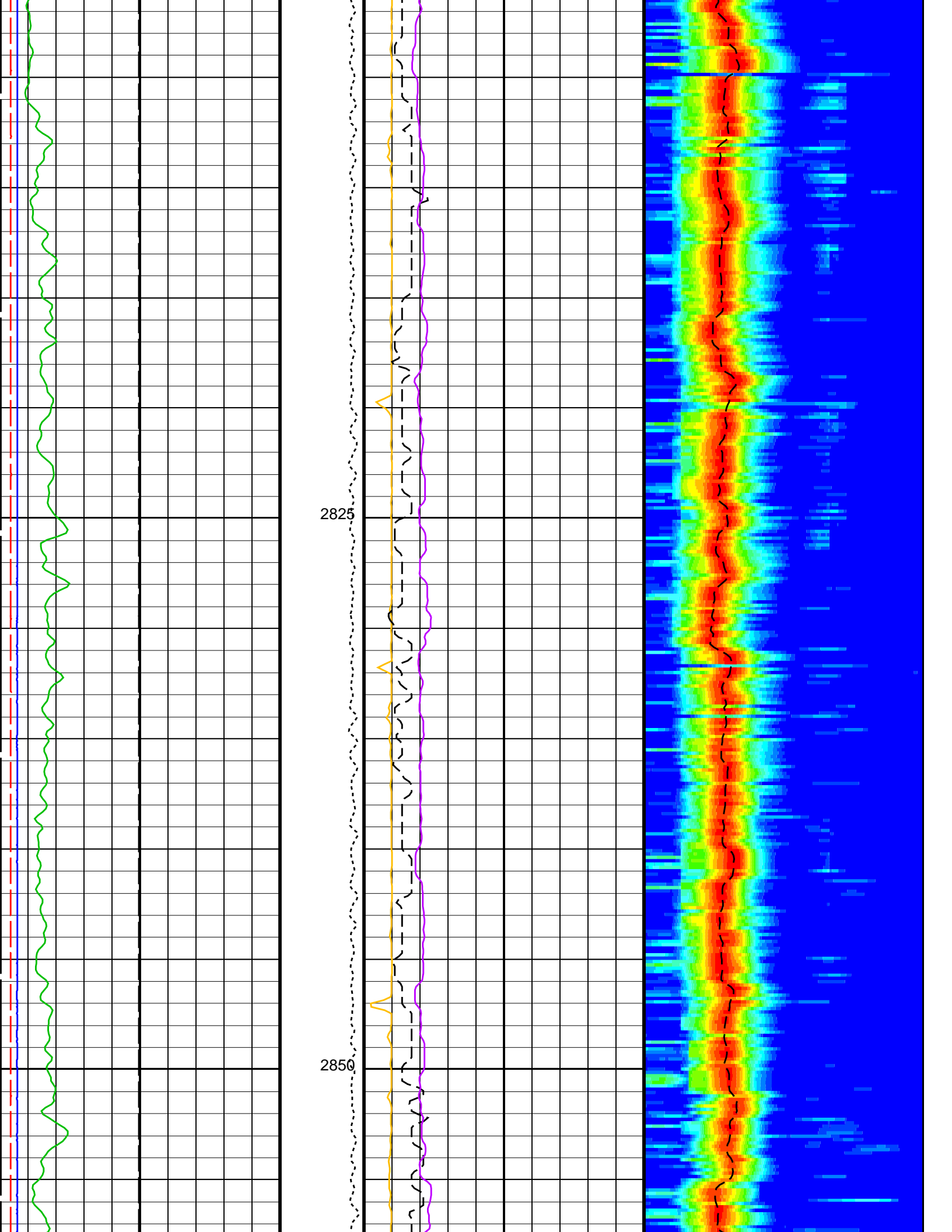
OP System Version: 19C0-187			
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

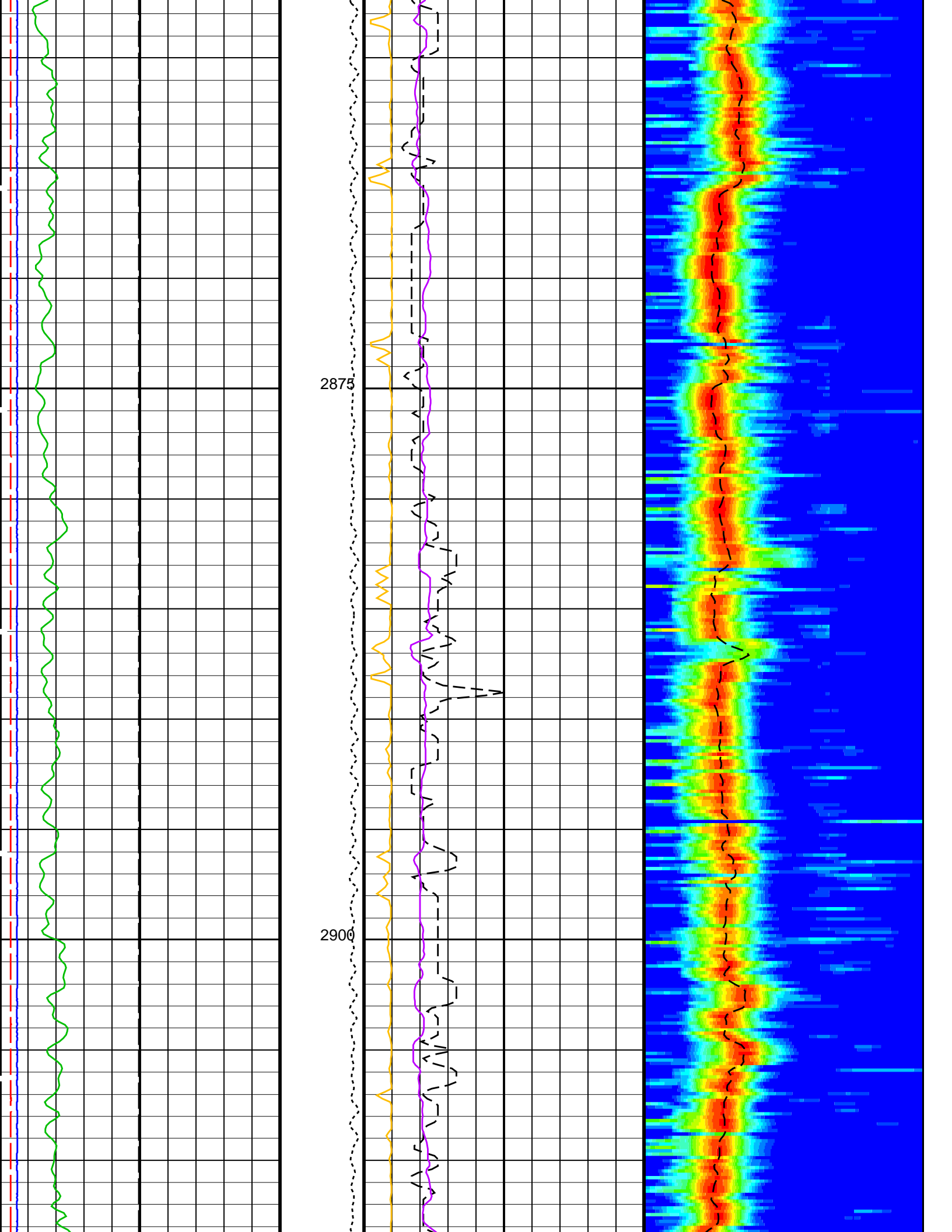
PIP SUMMARY

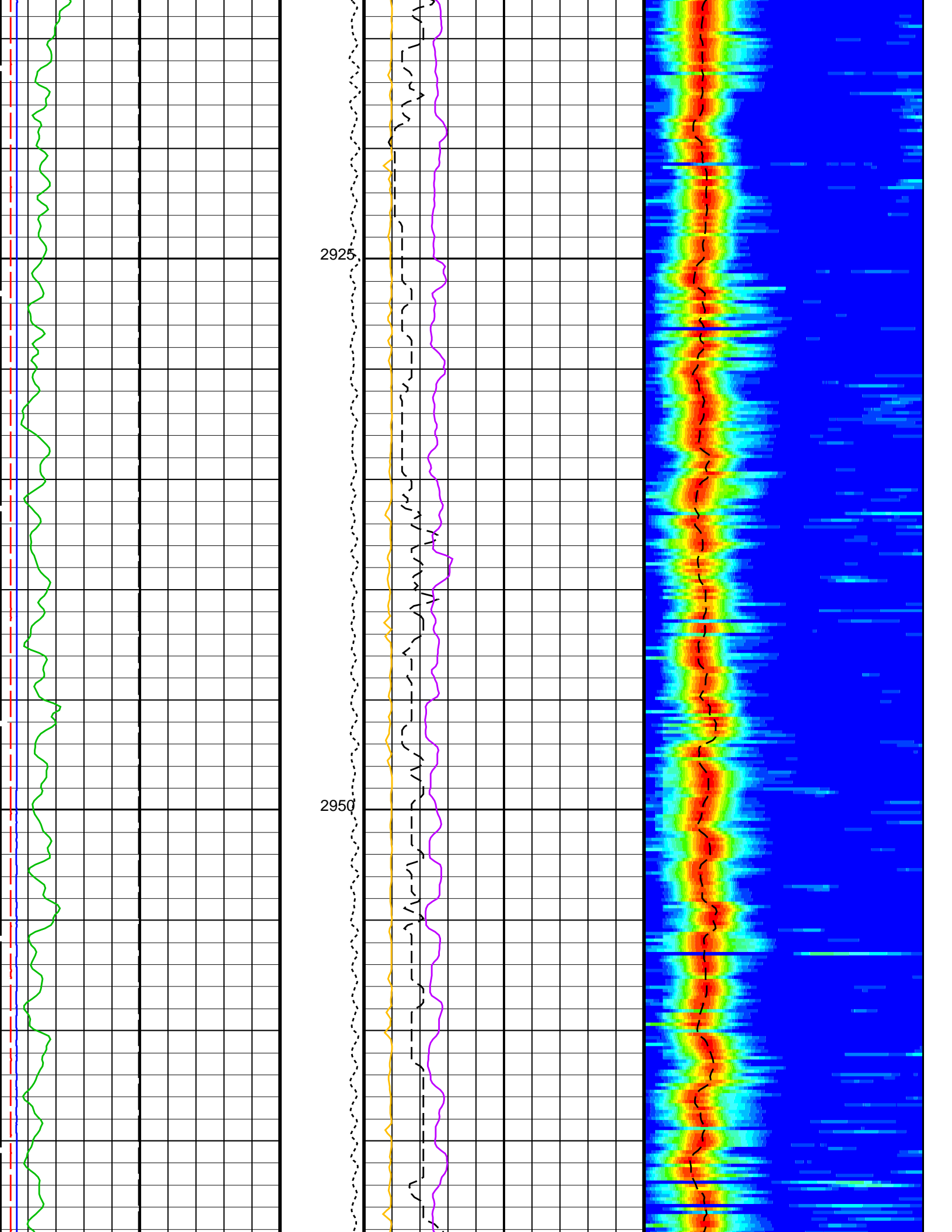
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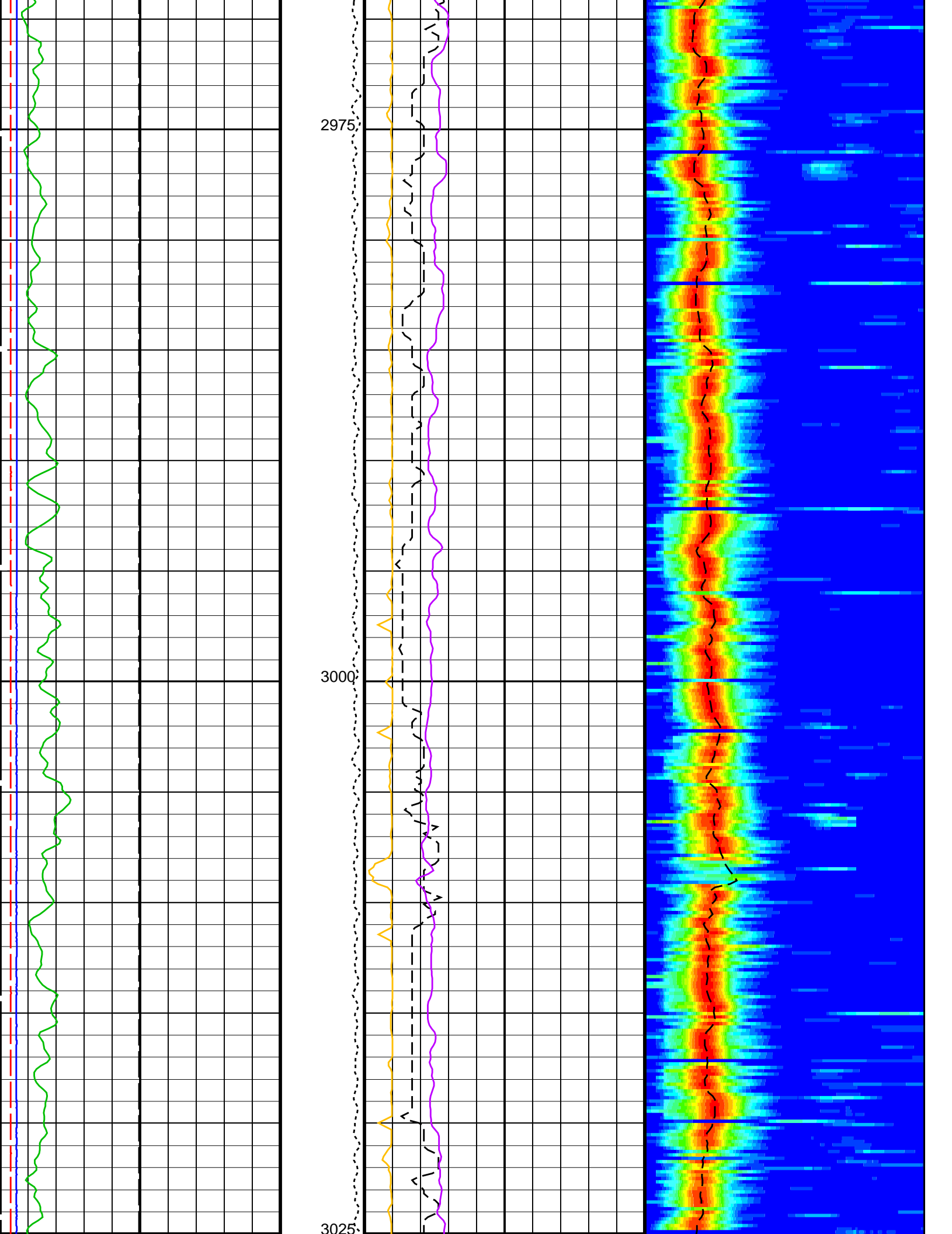


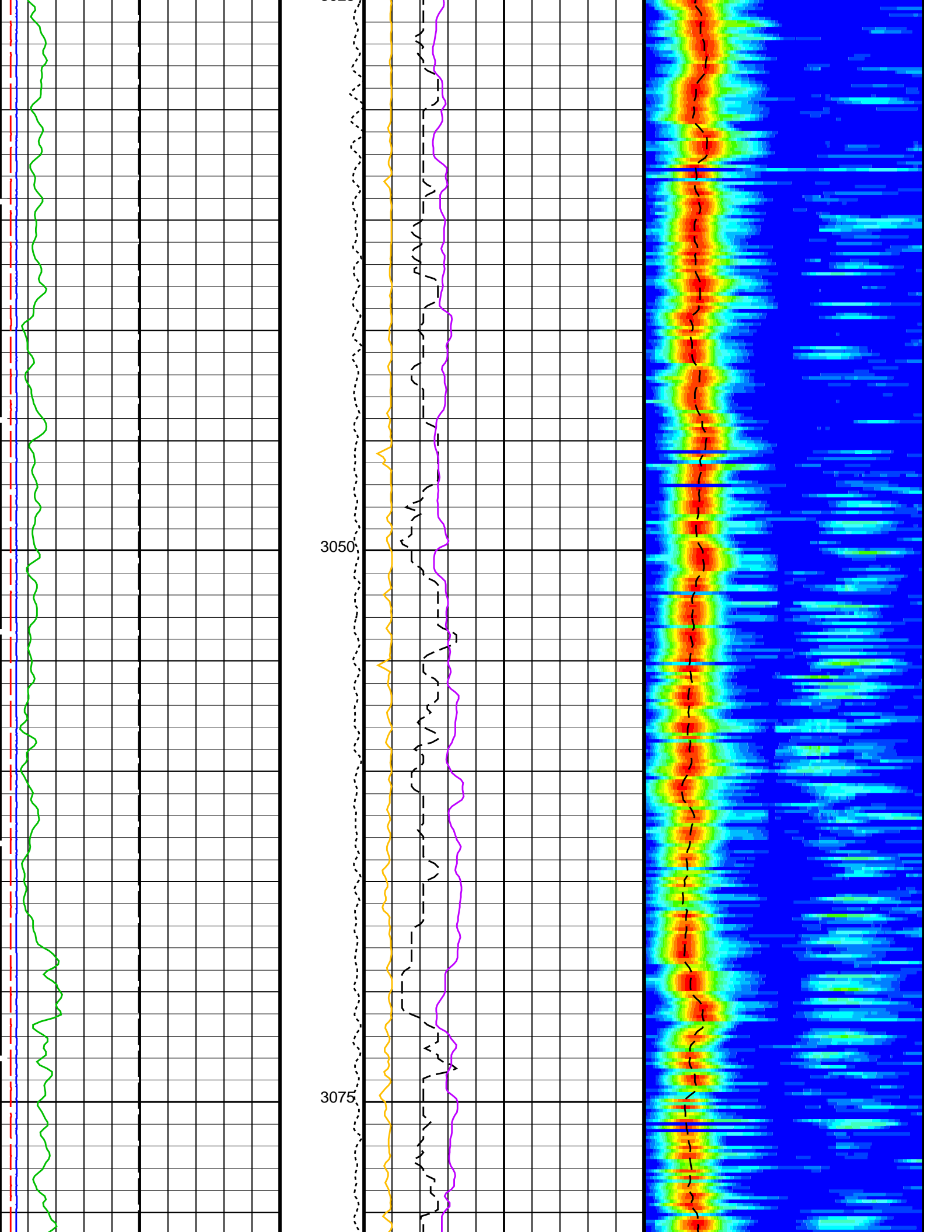


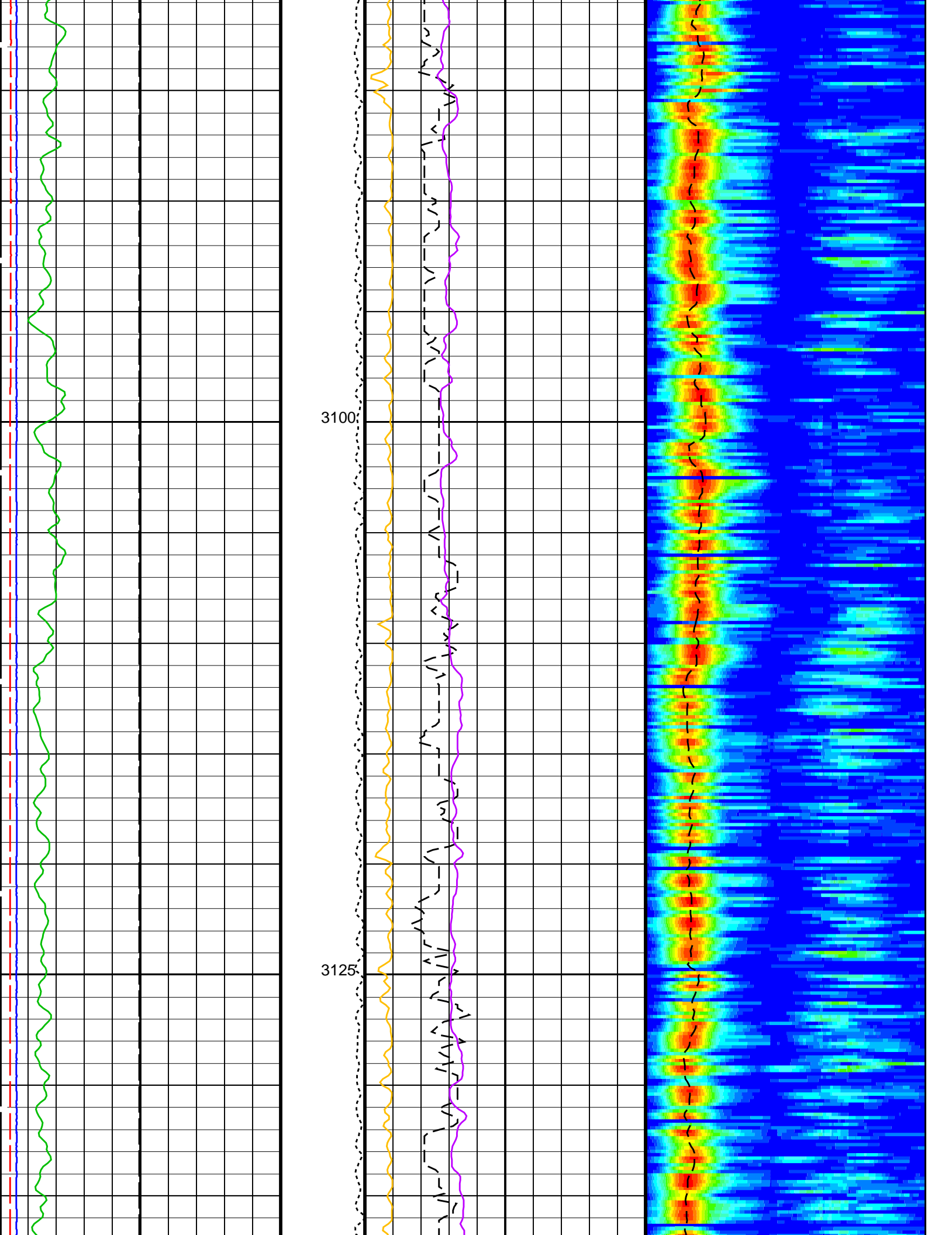


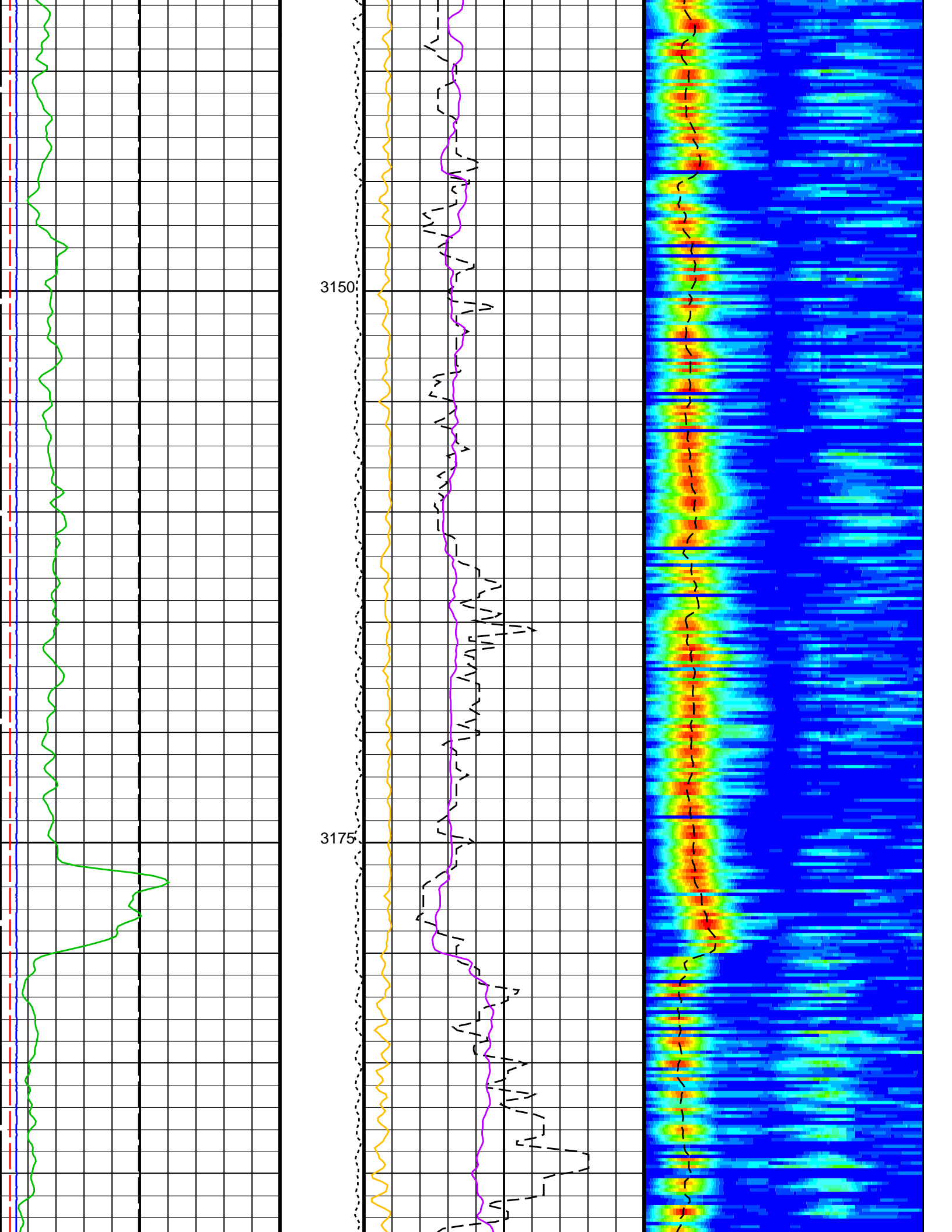


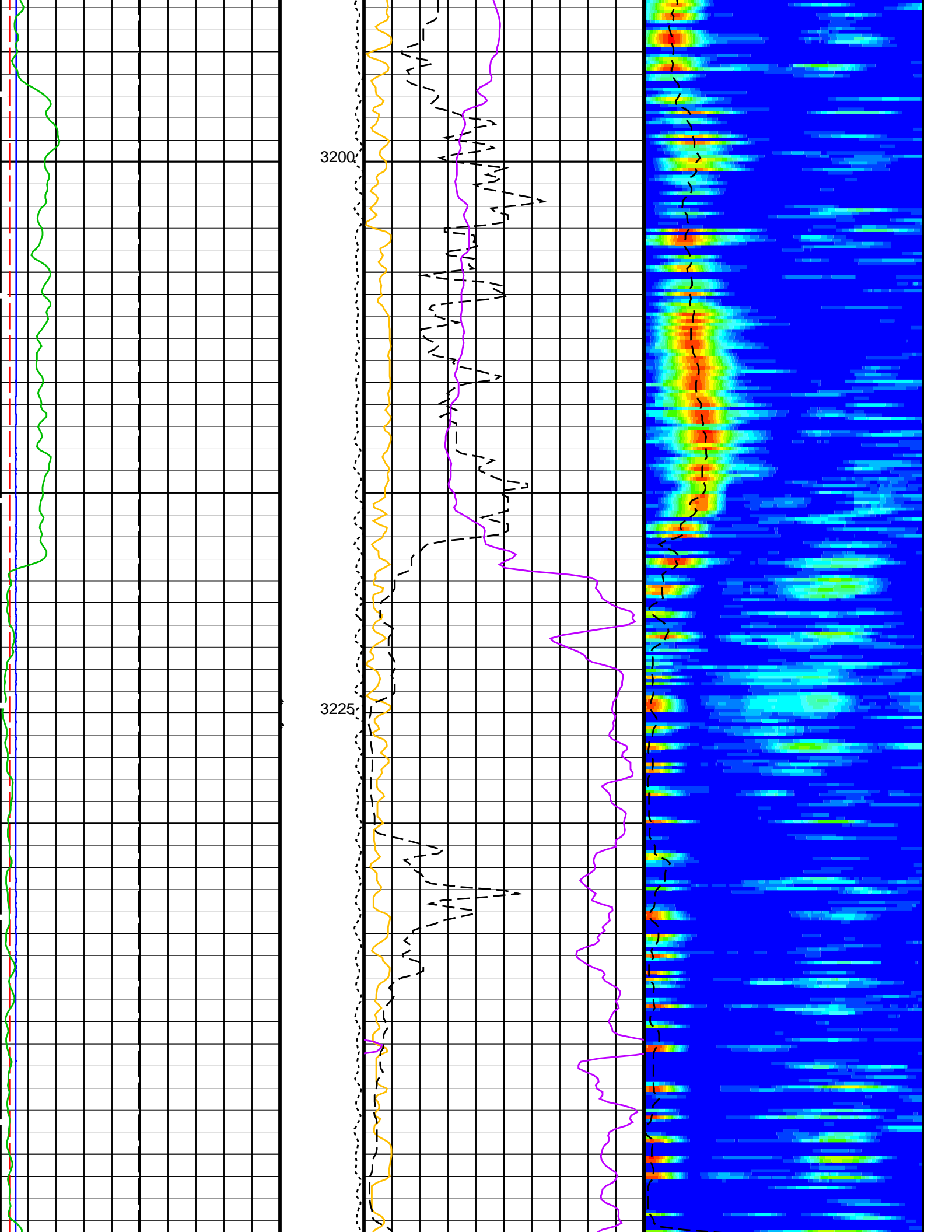


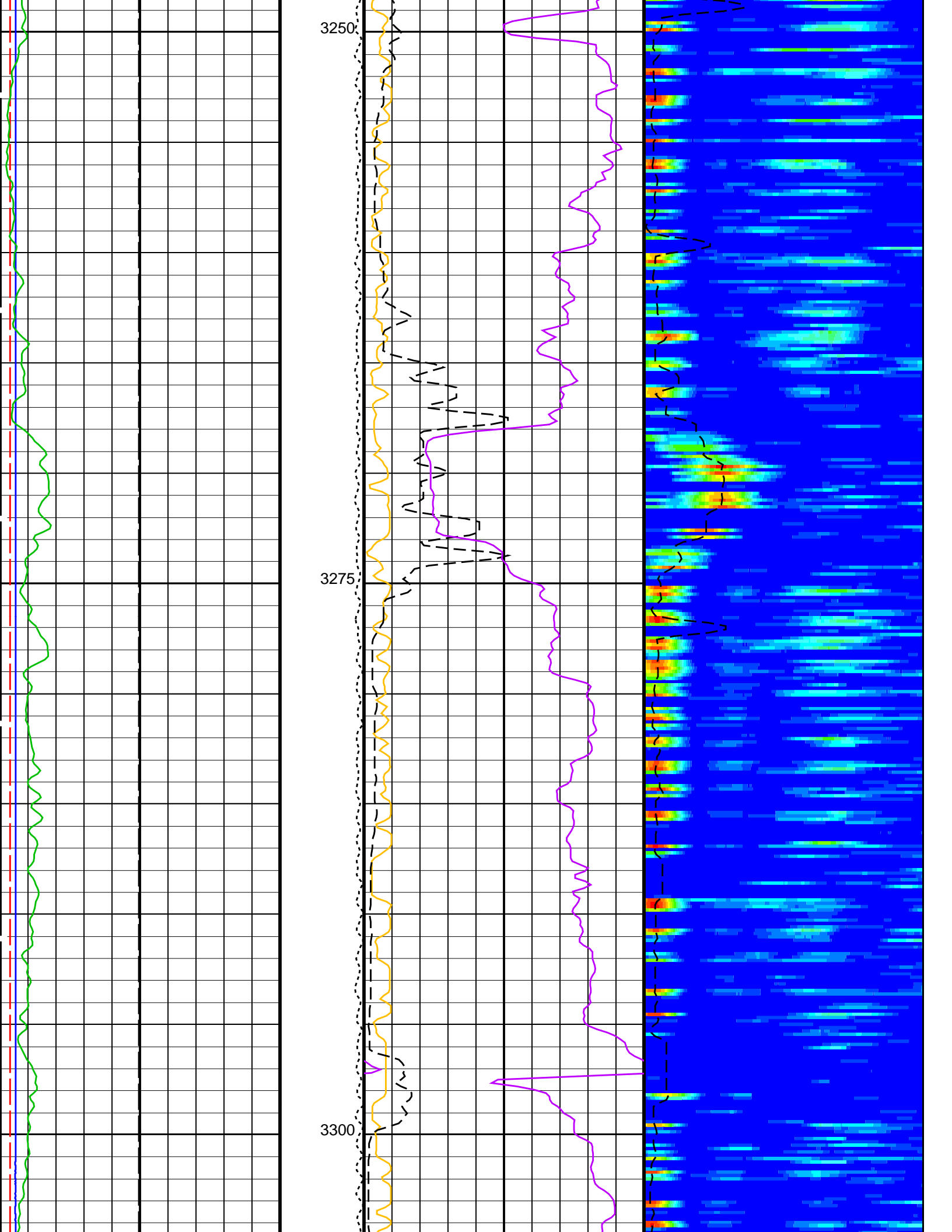


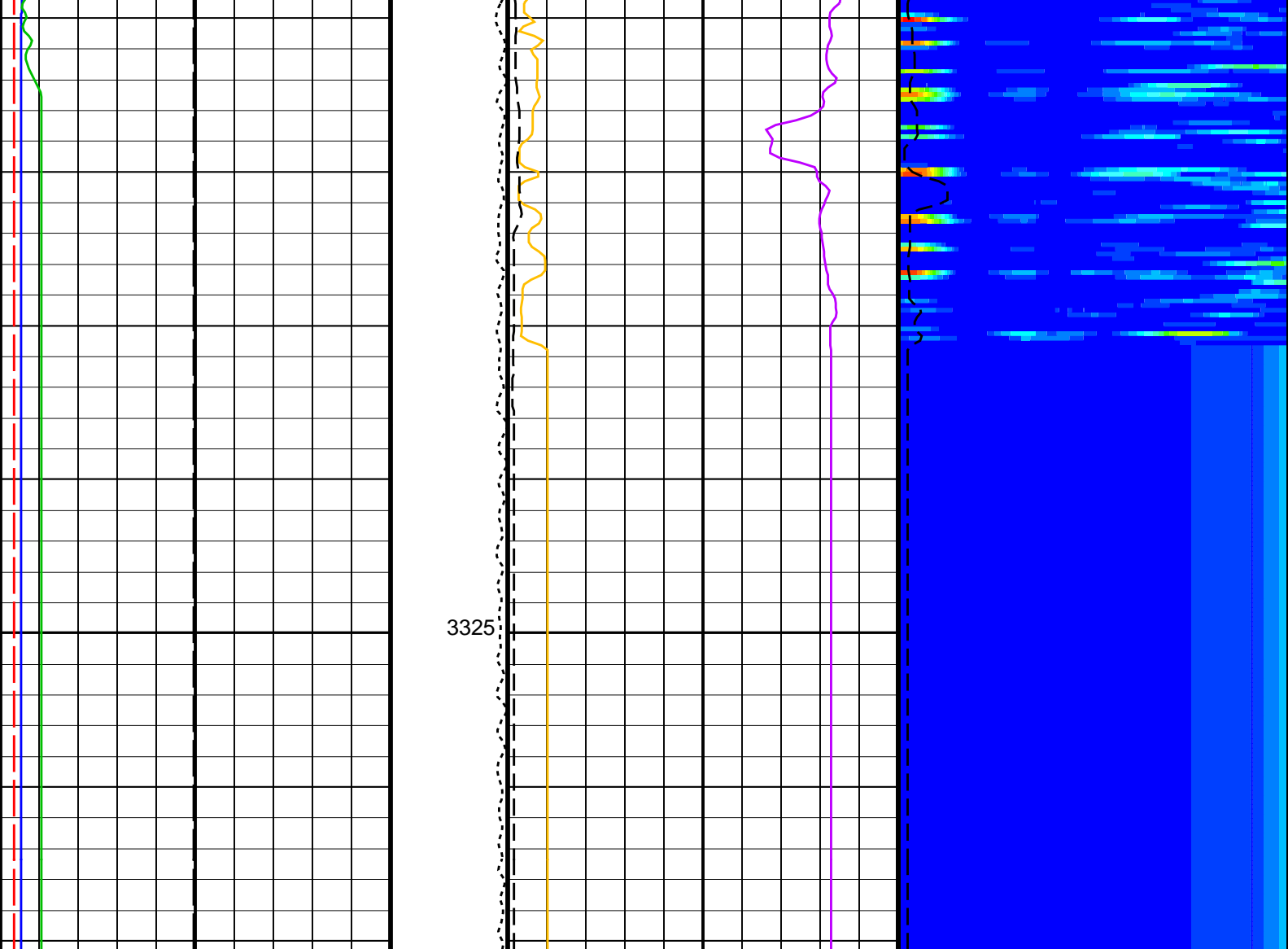












Bit Size (BS) (IN)		Tension (TENS) (LBF)	Peak Coherence / RA - Lower Dipole (CHR1)	Delta-T Shear / RA - Lower Dipole (DT1R)
0 20		0 5000	0 10	75 1200
Caliper 2 (C2) (IN)		SAM1 Waveform Gain (WFG1)		Min Amplitude Max
0 20		0 1000		75 1200
Caliper 1 (C1) (IN)		Sonic Velocity (SVEL)		Rec.Array L.Dipole Slow Proj. CVDL (SPR1) (US/F)
0 20		1000 6000		
Gamma Ray (GR_EDTC) (GAPI)				
0 150				

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE1	Digitizing Delay 1	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	500	US/F
DSI1	Digitizer Sample Interval 1	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta–T Source for DTCO Channel	PS_COMP	
DWC1	Digitizer Word Count 1	512	

DWCX	Digitizer Word Count X	512	
LTXG	Lower Dipole Transmitter Geometry	156	IN
NWI1	Number Waveform Items 1	8	
NWIX	Number Waveform Items X	0	
RX1G	Receiver 1 Geometry	294	IN
RX2G	Receiver 2 Geometry	300	IN
RX3G	Receiver 3 Geometry	306	IN
RX4G	Receiver 4 Geometry	312	IN
RX5G	Receiver 5 Geometry	318	IN
RX6G	Receiver 6 Geometry	324	IN
RX7G	Receiver 7 Geometry	330	IN
RX8G	Receiver 8 Geometry	336	IN
SAM1	DSST Sonic Acquisition Mode 1 – Lower Dipole Mode	LFD_EVEN	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS1	STC Sonic Array Status – Lower Dipole	255	
SBO1	STC Search Band Offset – Lower Dipole	3000	US
SBW1	STC Search Bandwidth – Lower Dipole	8000	US
SFC1	STC Formation Character – Lower Dipole	SELECTABLE	
SFM1	STC Filter – Lower Dipole	B.3–1.5K	
SLL1	STC Slowness Lower Limit – Lower Dipole	40	US/F
SST1	STC Slowness Step – Lower Dipole	4	US/F
SSW1	STC Source Waveform – Lower Dipole	WF_SAM1	
SUL1	STC Slowness Upper Limit – Lower Dipole	1400	US/F
SWD1	STC Slowness Width – Lower Dipole	40	US/F
TBF1	STC Time for Baseline Fill – Lower Dipole	0	US
TLL1	STC Time Lower Limit – Lower Dipole	600	US
TST1	STC Time Step – Lower Dipole	200	US
TUL1	STC Time Upper Limit – Lower Dipole	20440	US
TWD1	STC Time Width – Lower Dipole	2000	US
TWI1	STC Integration Time Window – Lower Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	
WFM1	Waveform Mode 1	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 10-Aug-2023 13:16

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_058LUP	PRODUCER	10-Aug-2023 13:12	3335.3 M	2727.2 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_060PUP	FN:73	PRODUCER	10-Aug-2023 13:16
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Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_058LUP	PRODUCER	10-Aug-2023 13:12	3335.3 M	2727.2 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_060PUP	FN:73	PRODUCER	10-Aug-2023 13:16	3335.3 M	2727.2 M
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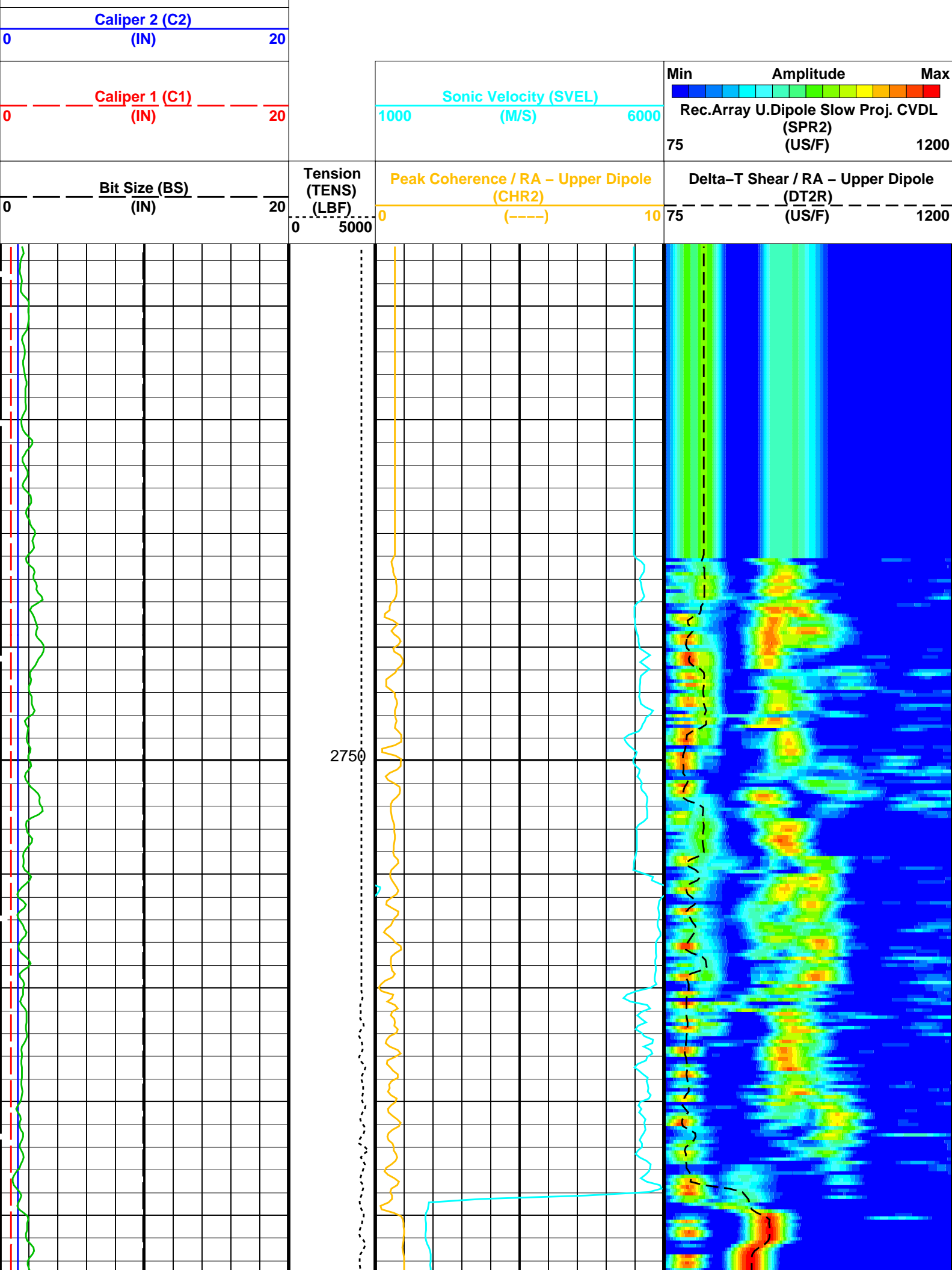
OP System Version: 19C0-187

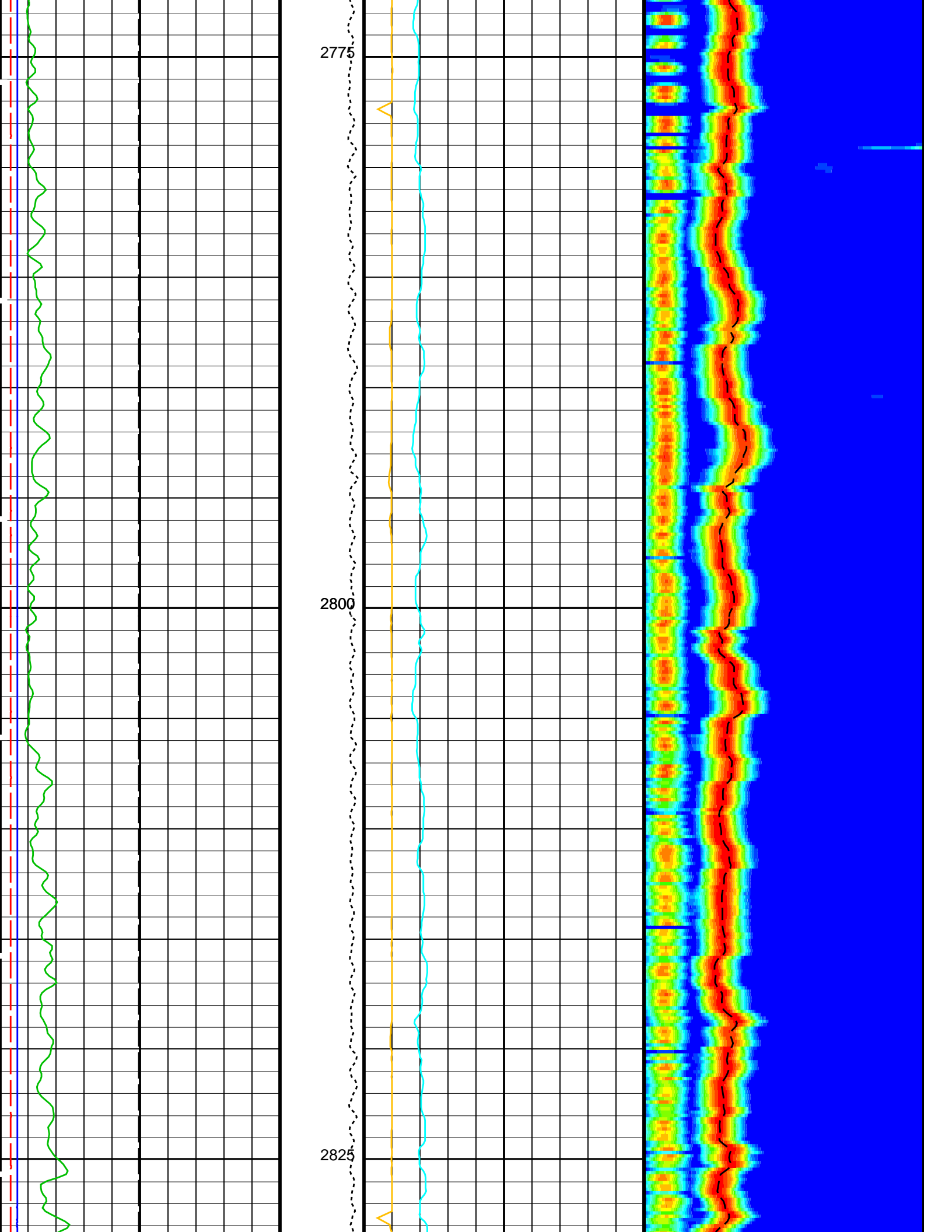
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DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

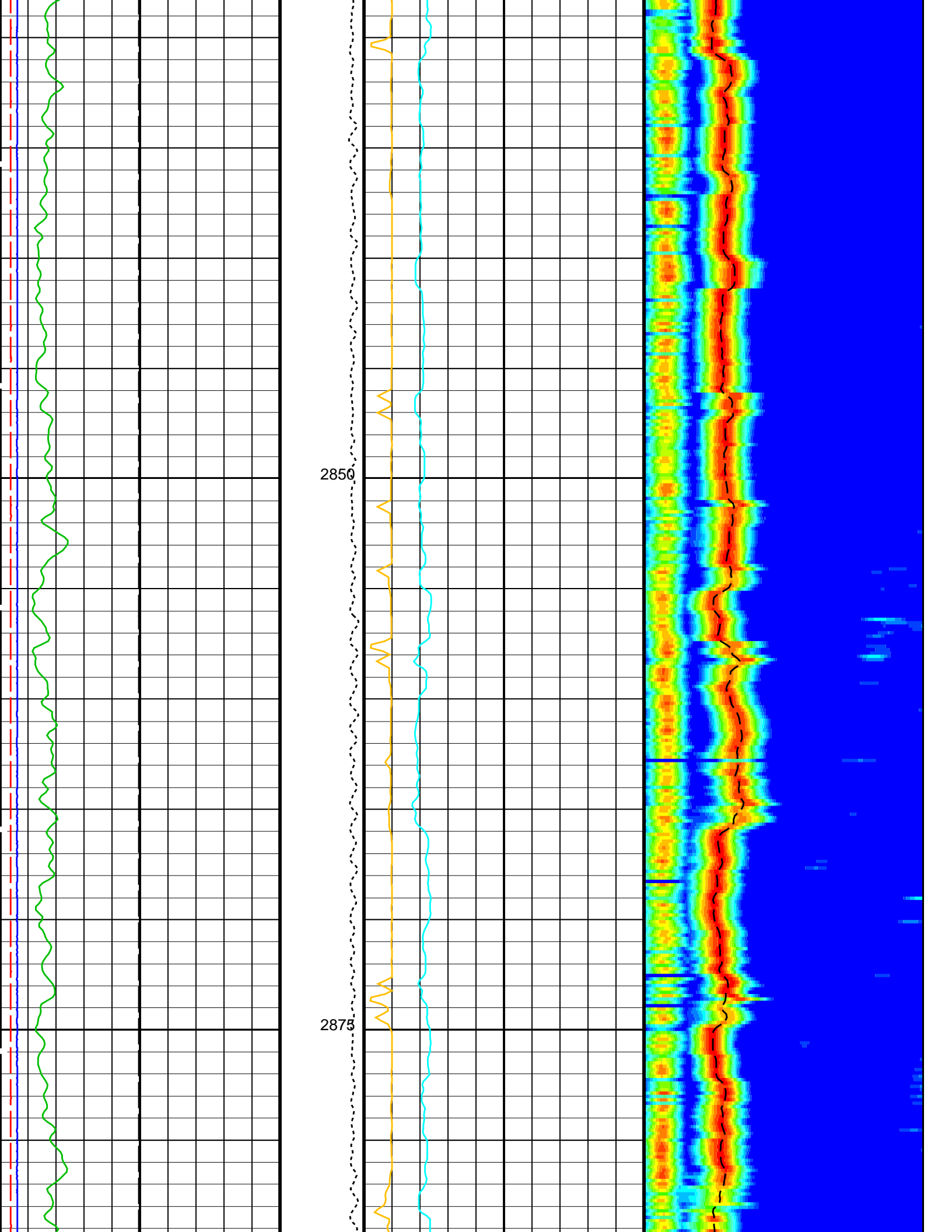
PIP SUMMARY

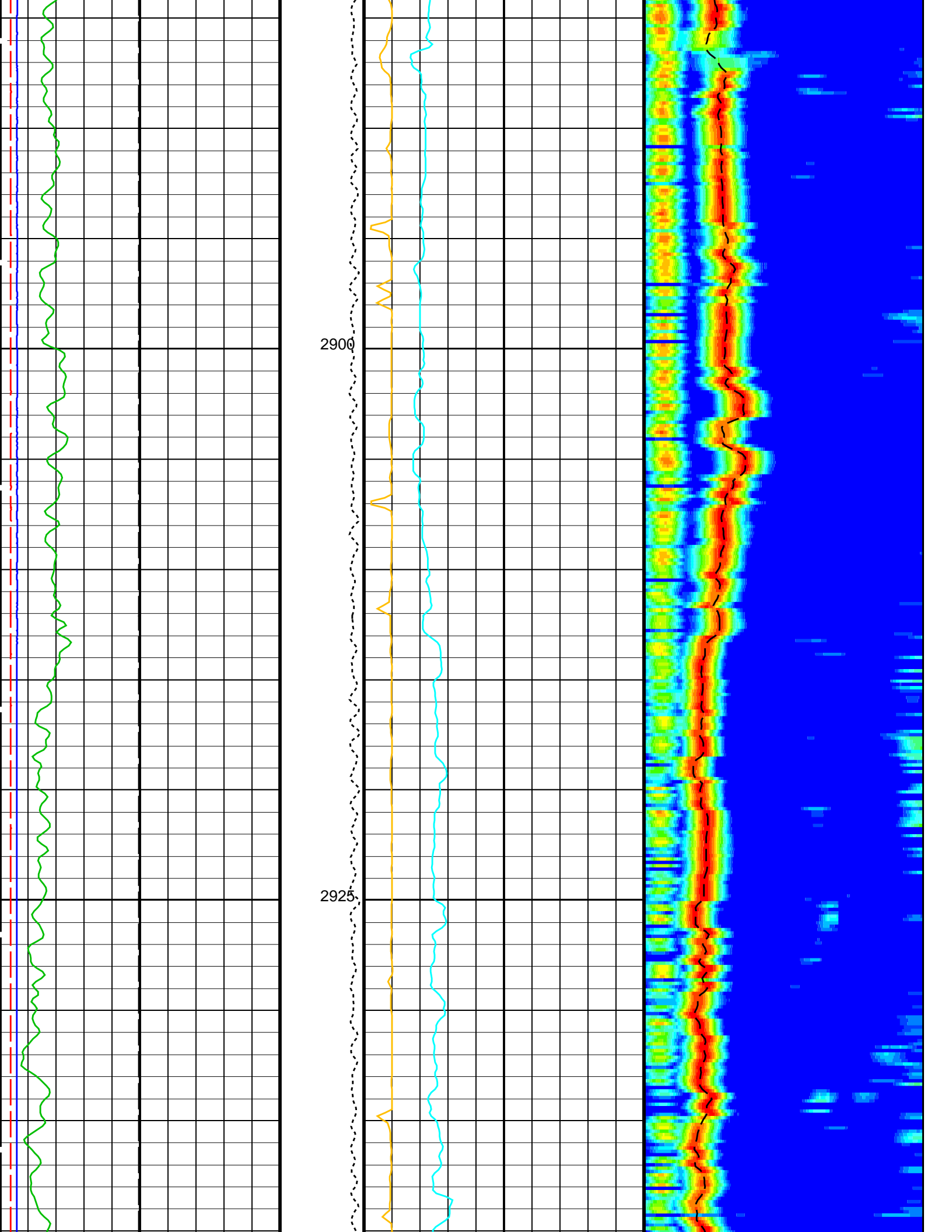
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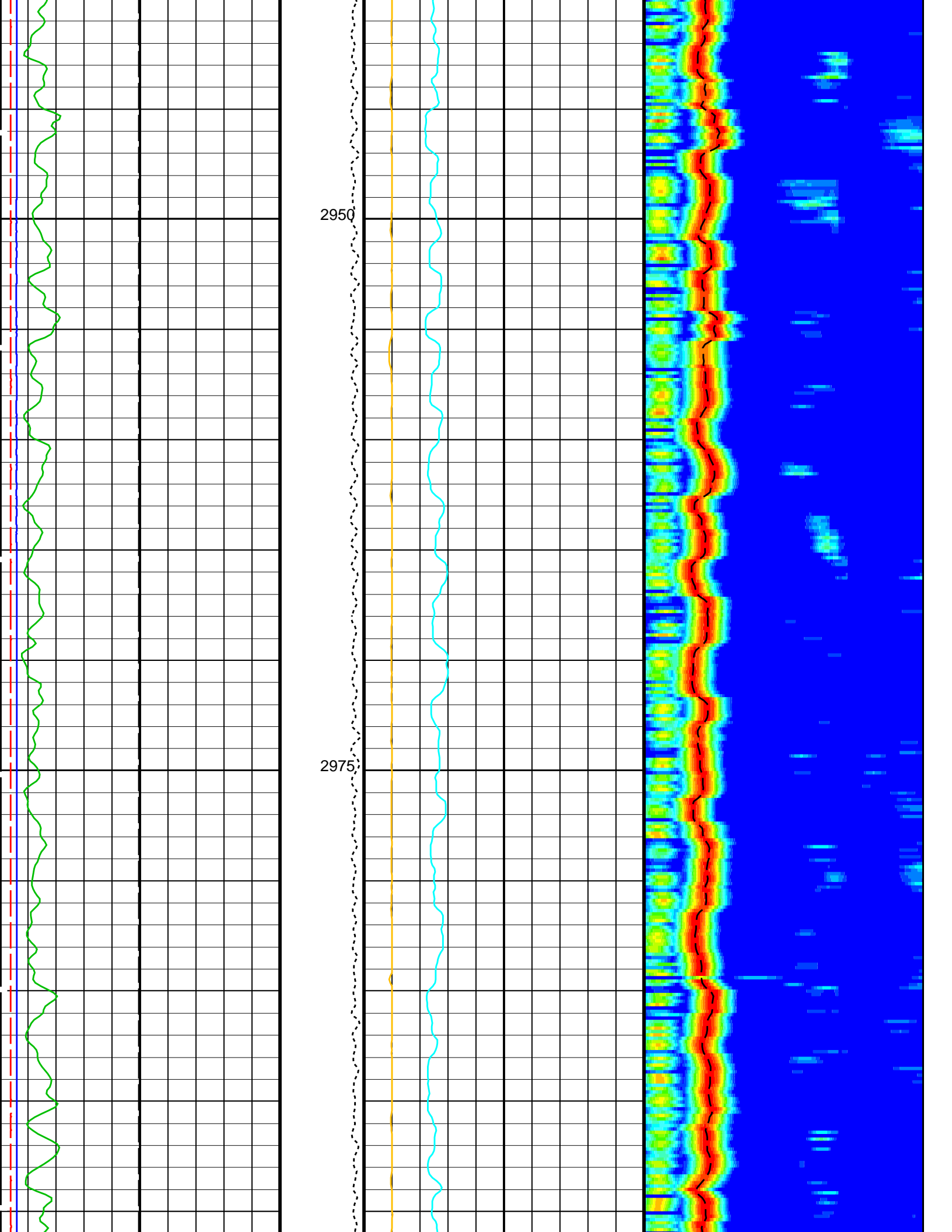
Gamma Ray (GR_EDTC)	
0 (GAPI) 150	

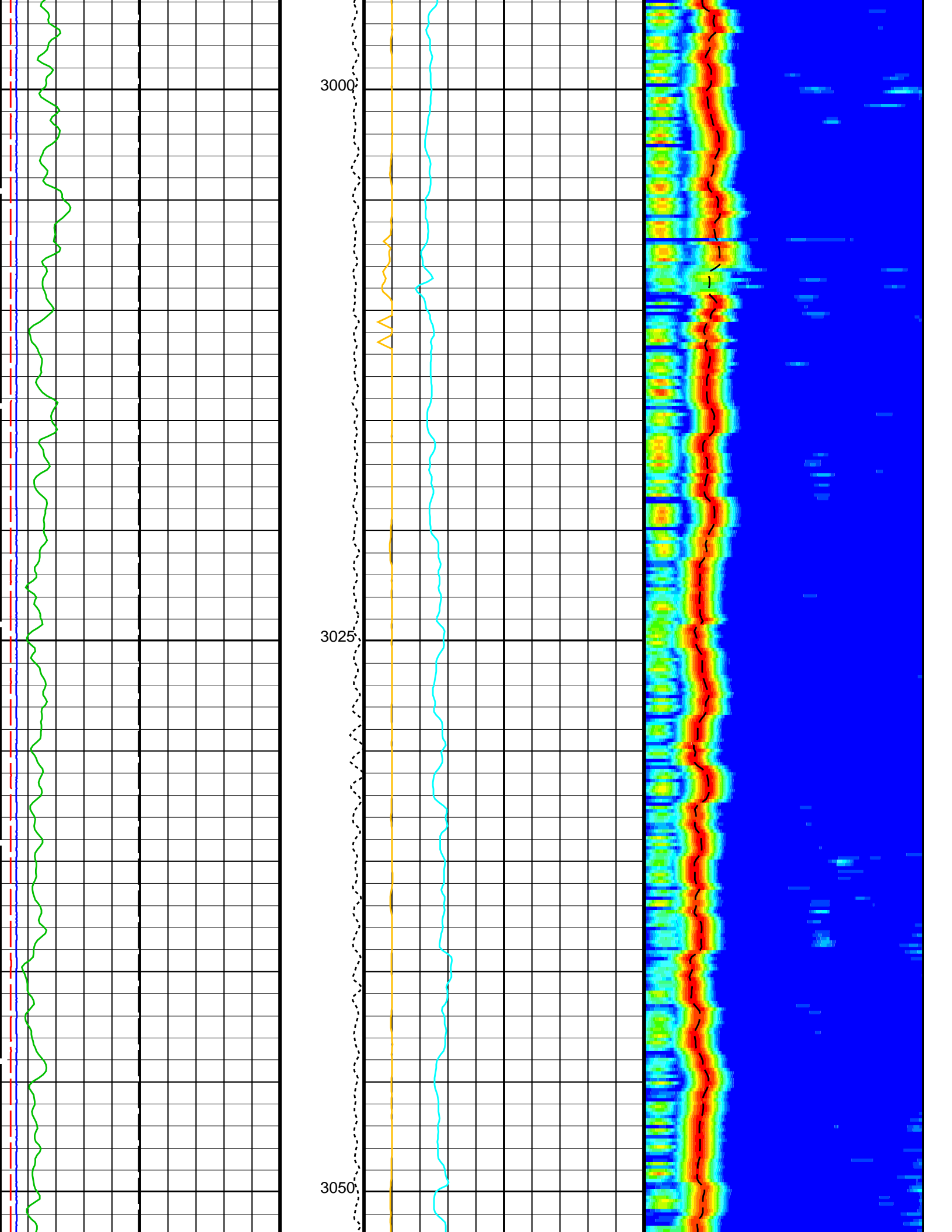


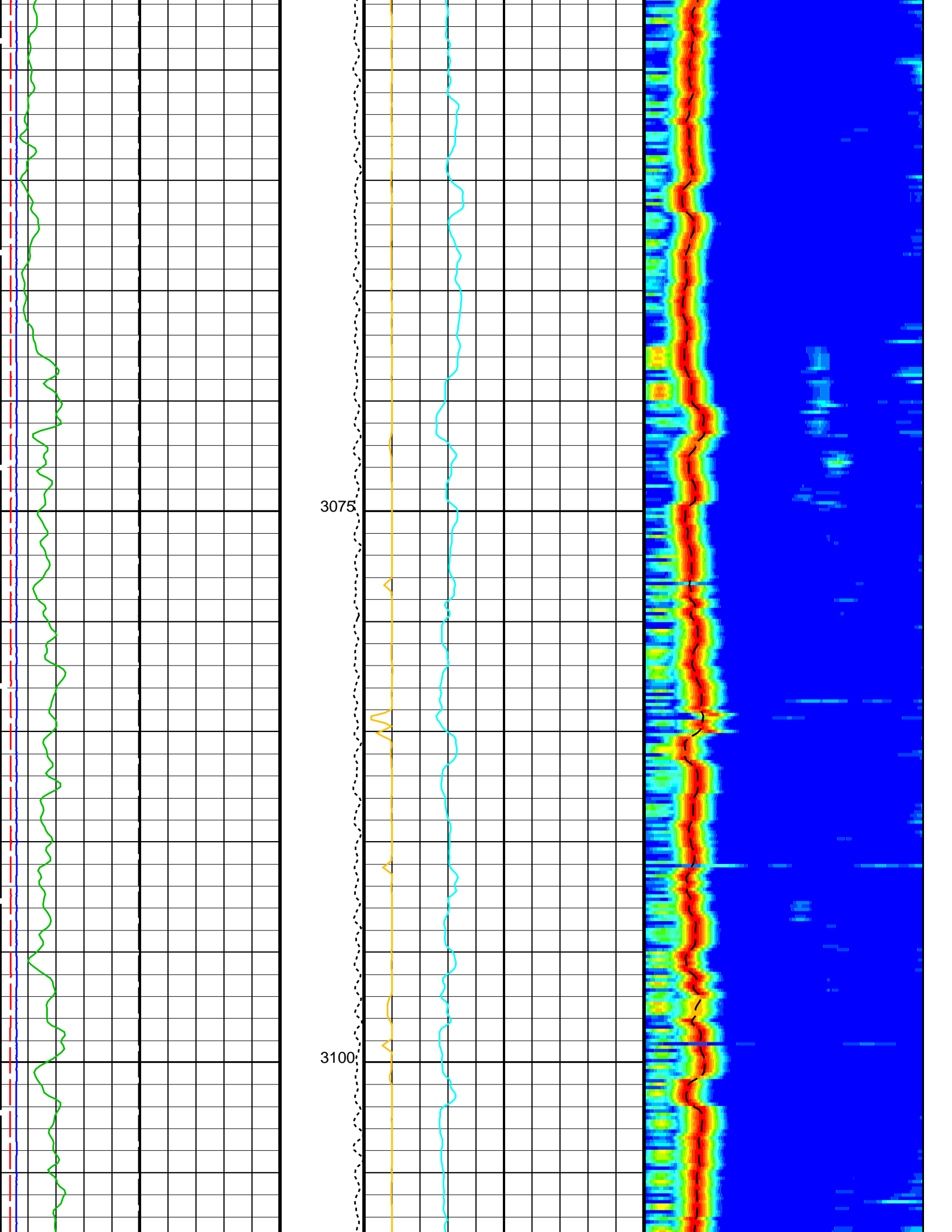


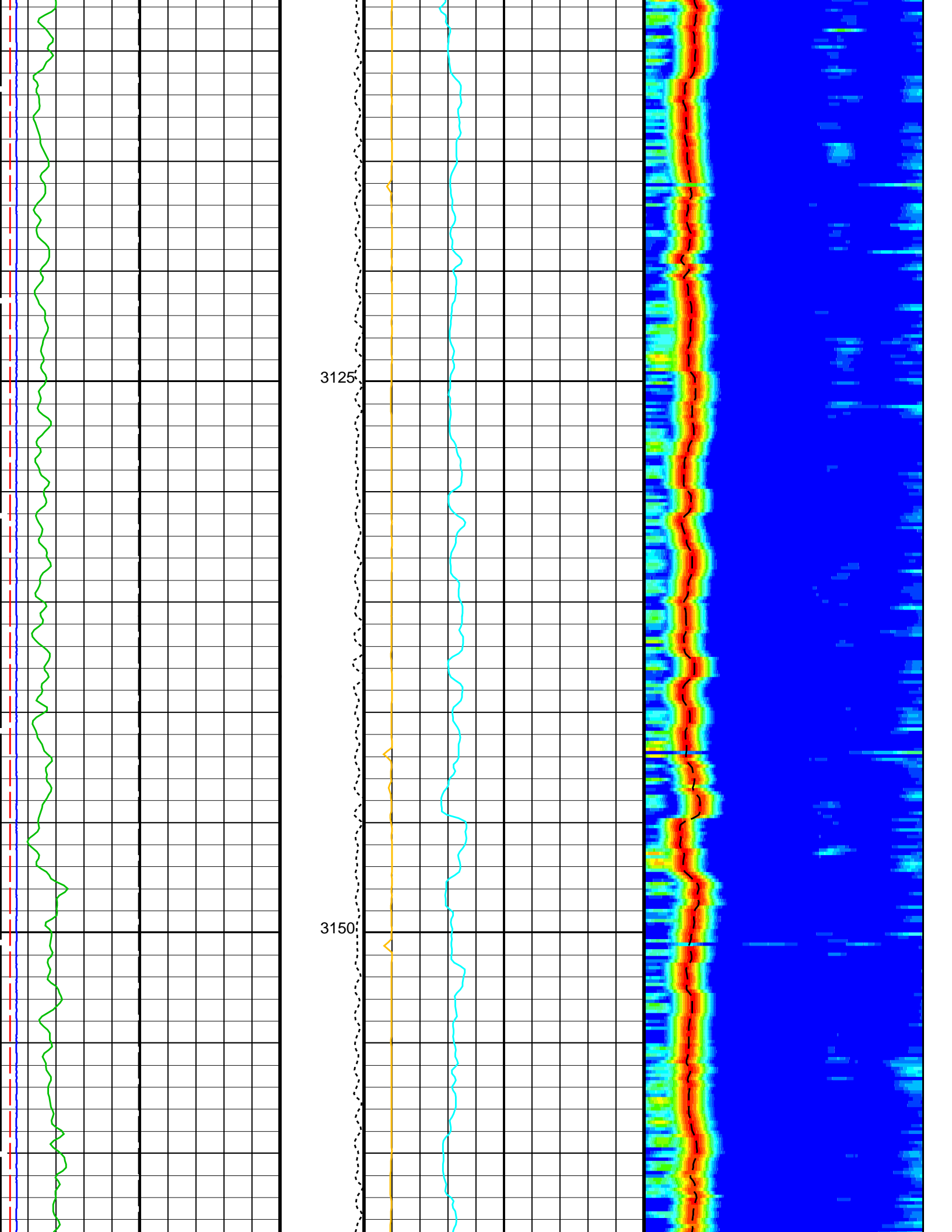


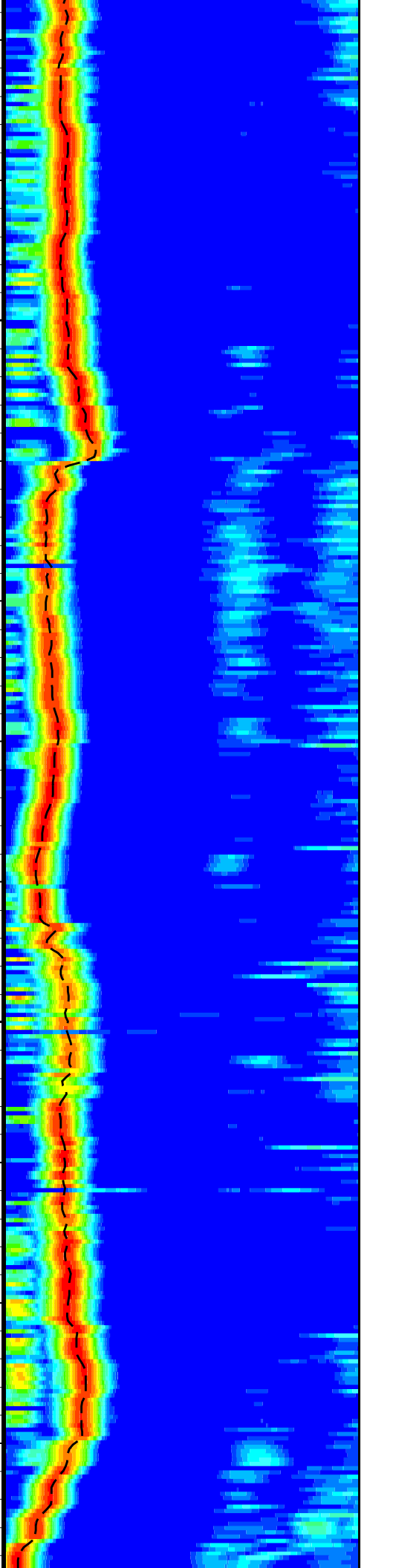
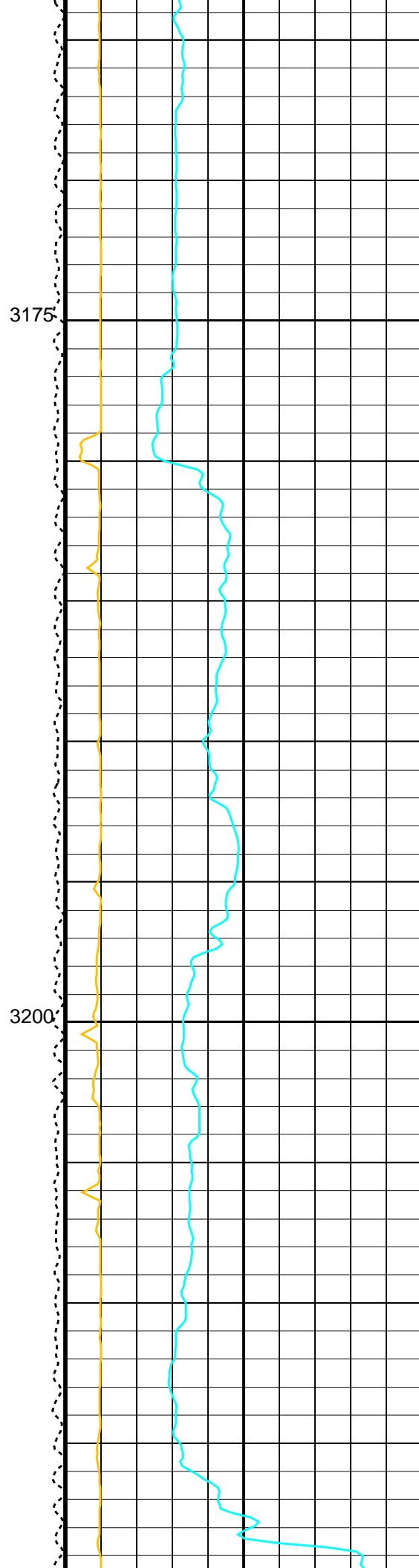
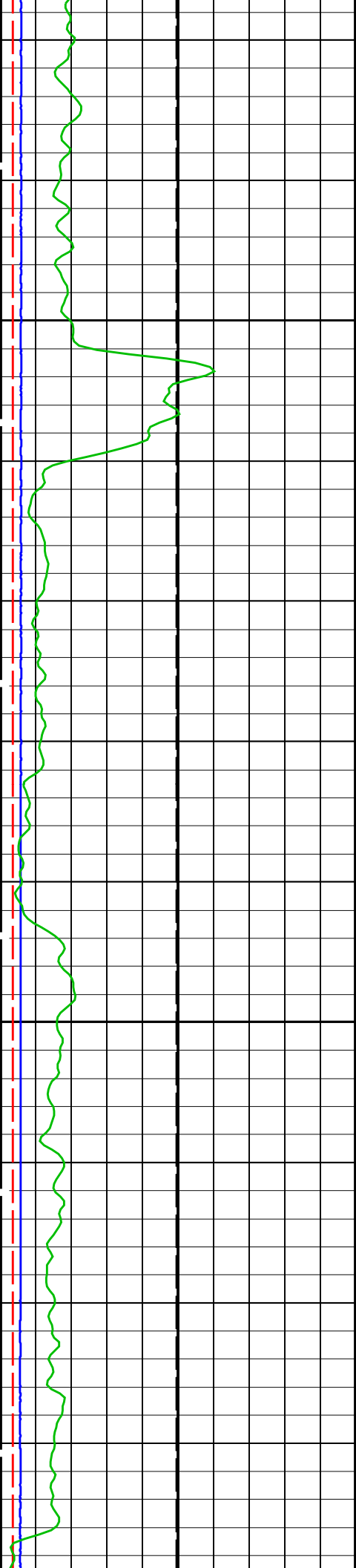


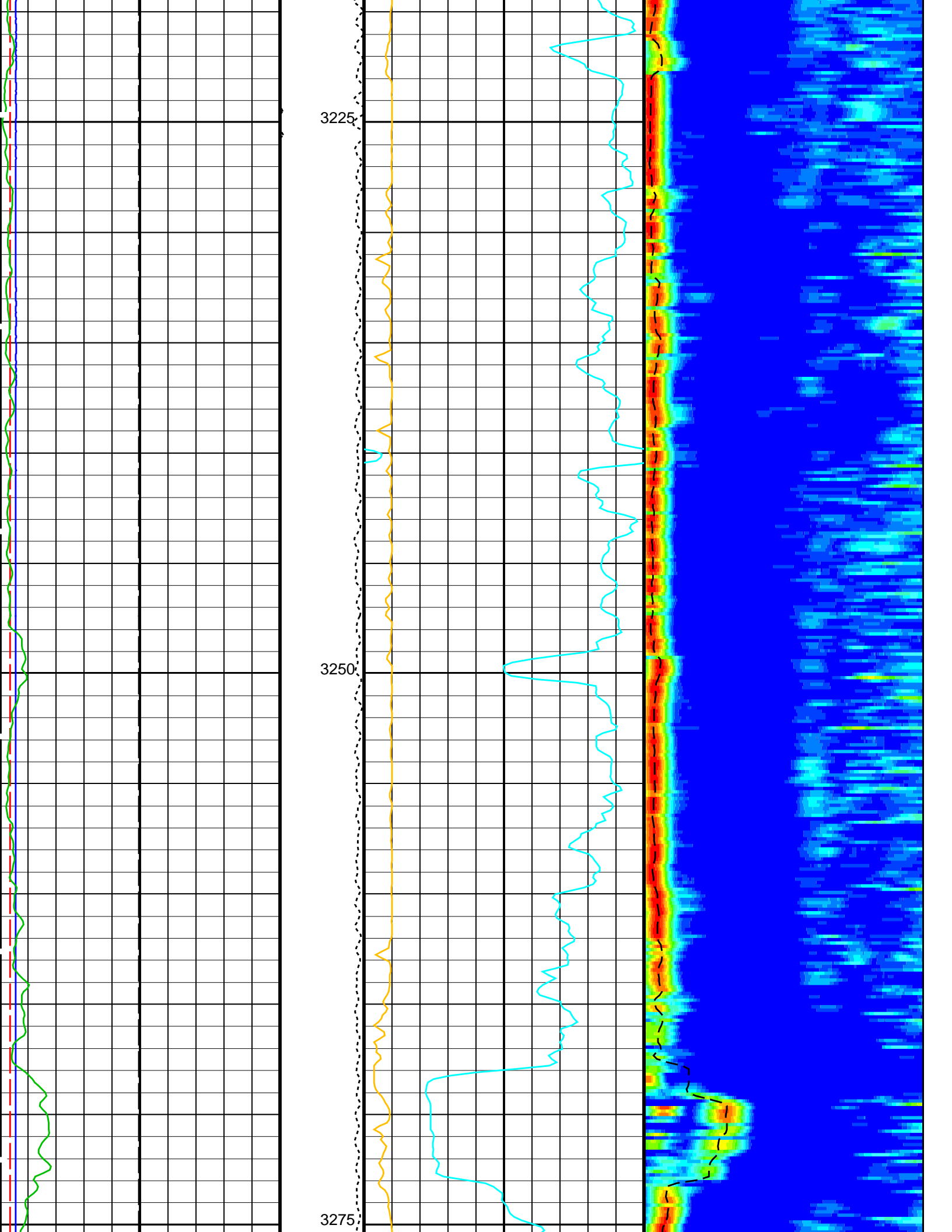


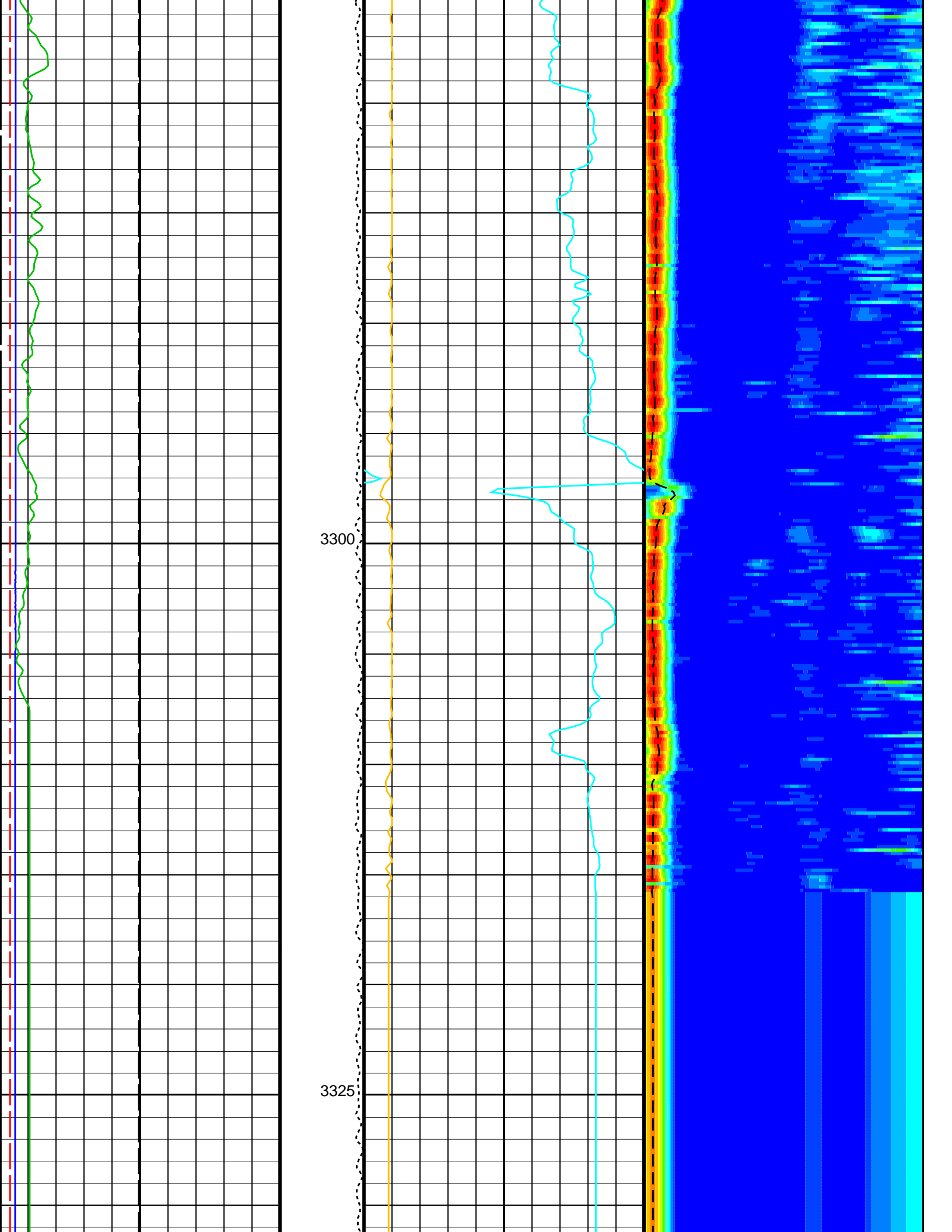


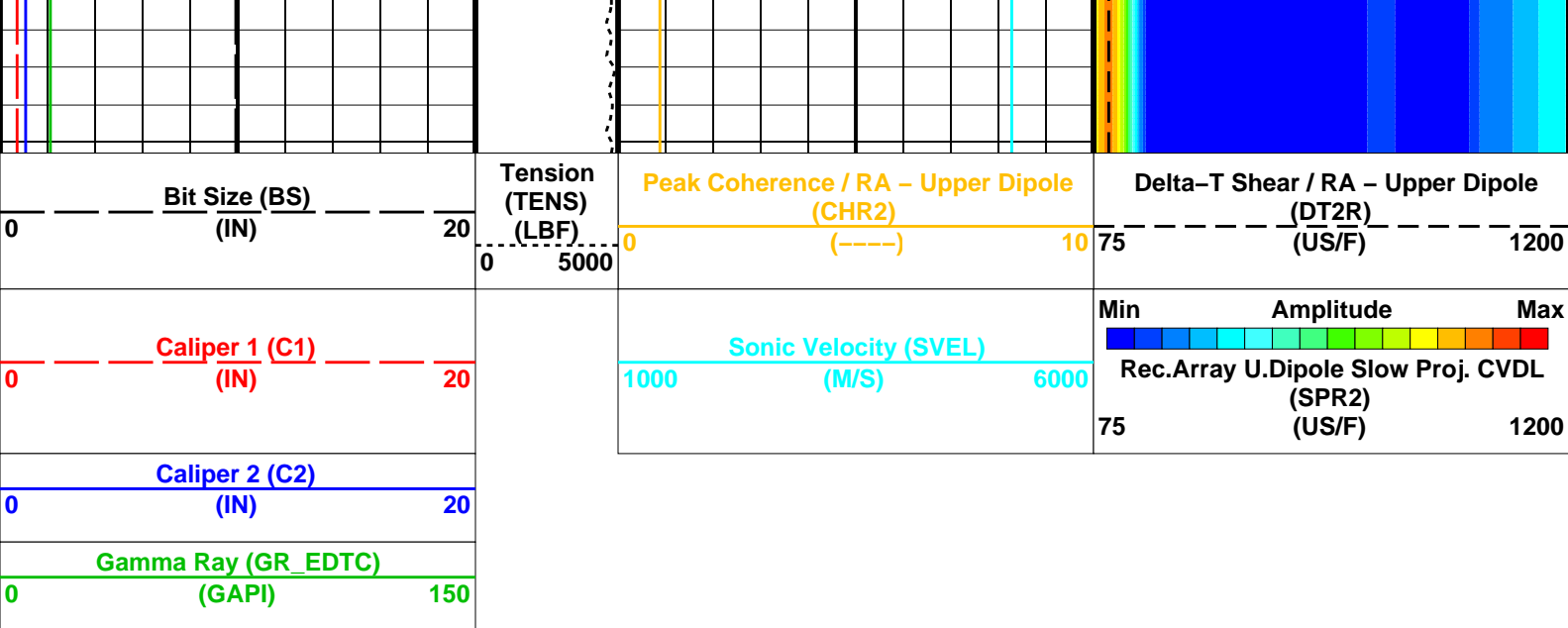












PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE2	Digitizing Delay 2	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	75	US
DSHU	Label Slowness Upper Limit – Dipole Shear	500	US
DSI2	Digitizer Sample Interval 2	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC2	Digitizer Word Count 2	512	
DWCX	Digitizer Word Count X	512	
NWI2	Number Waveform Items 2	8	
NWIX	Number Waveform Items X	0	
RX1G	Receiver 1 Geometry	294	IN
RX2G	Receiver 2 Geometry	300	IN
RX3G	Receiver 3 Geometry	306	IN
RX4G	Receiver 4 Geometry	312	IN
RX5G	Receiver 5 Geometry	318	IN
RX6G	Receiver 6 Geometry	324	IN
RX7G	Receiver 7 Geometry	330	IN
RX8G	Receiver 8 Geometry	336	IN
SAM2	DSST Sonic Acquisition Mode 2 – Upper Dipole Mode	ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS2	STC Sonic Array Status – Upper Dipole	255	
SBO2	STC Search Band Offset – Upper Dipole	3000	US
SBW2	STC Search Bandwidth – Upper Dipole	8000	US
SFC2	STC Formation Character – Upper Dipole	SELECTABLE	
SFM2	STC Filter – Upper Dipole	B1–2K	
SLL2	STC Slowness Lower Limit – Upper Dipole	40	US
SST2	STC Slowness Step – Upper Dipole	4	US
SSW2	STC Source Waveform – Upper Dipole	WF_SAM2	
SUL2	STC Slowness Upper Limit – Upper Dipole	1400	US
SWD2	STC Slowness Width – Upper Dipole	40	US
TBF2	STC Time for Baseline Fill – Upper Dipole	0	US
TLL2	STC Time Lower Limit – Upper Dipole	600	US
TST2	STC Time Step – Upper Dipole	200	US
TUL2	STC Time Upper Limit – Upper Dipole	20440	US
TWD2	STC Time Width – Upper Dipole	2000	US
TWI2	STC Integration Time Window – Upper Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	
UTXG	Upper Dipole Transmitter Geometry	162	IN
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 10-Aug-2023 13:16

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

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_058LUP	PRODUCER	10-Aug-2023 13:12	3335.3 M	2727.2 M
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Output DLIS Files

DEFAULT FMS_DSI_NGS_060PUP FN:73 PRODUCER 10-Aug-2023 13:16

Company: International Ocean Discovery Program

Well: Expedition 395, Site U1564F

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_058LUP	PRODUCER	10-Aug-2023 13:12	3335.3 M	2727.2 M
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Output DLIS Files

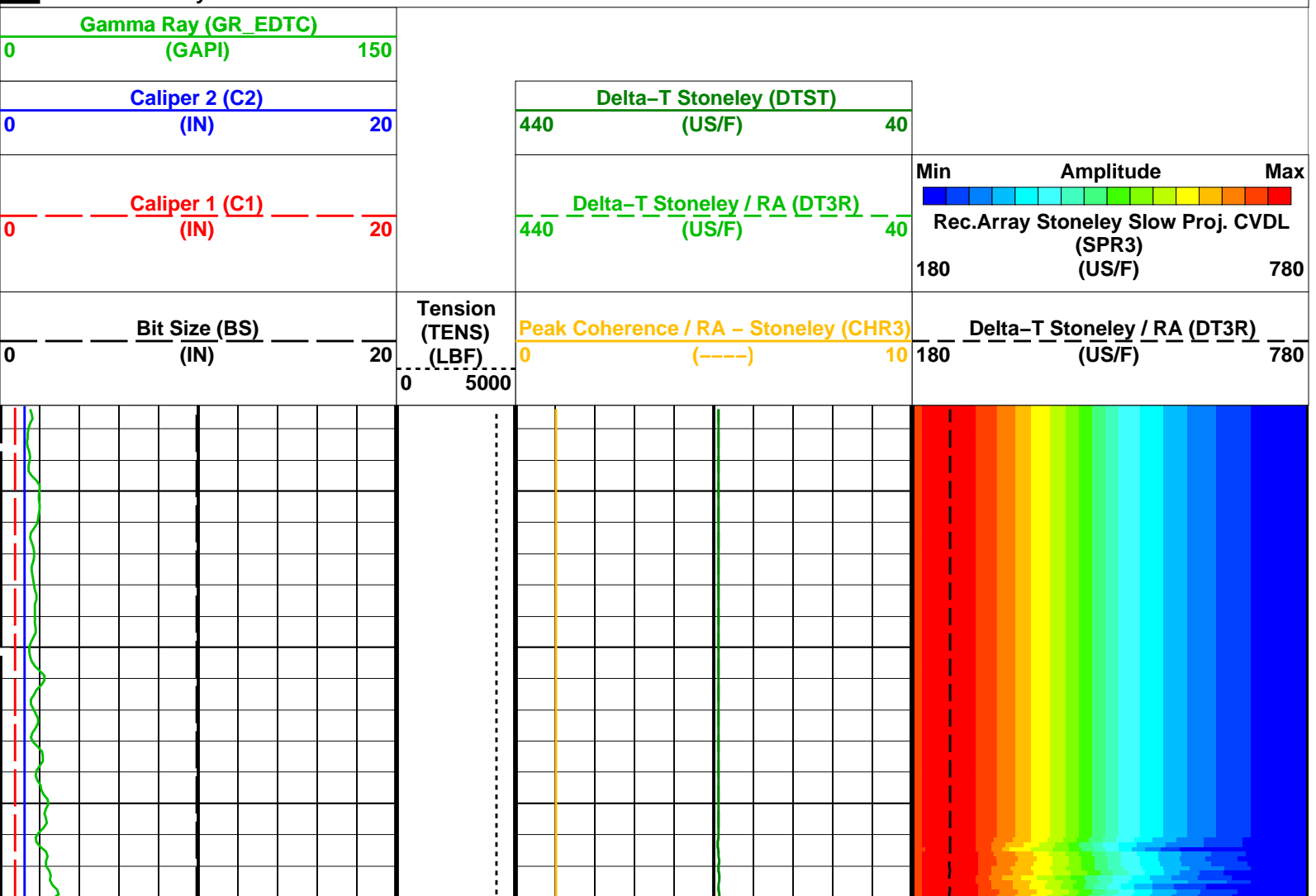
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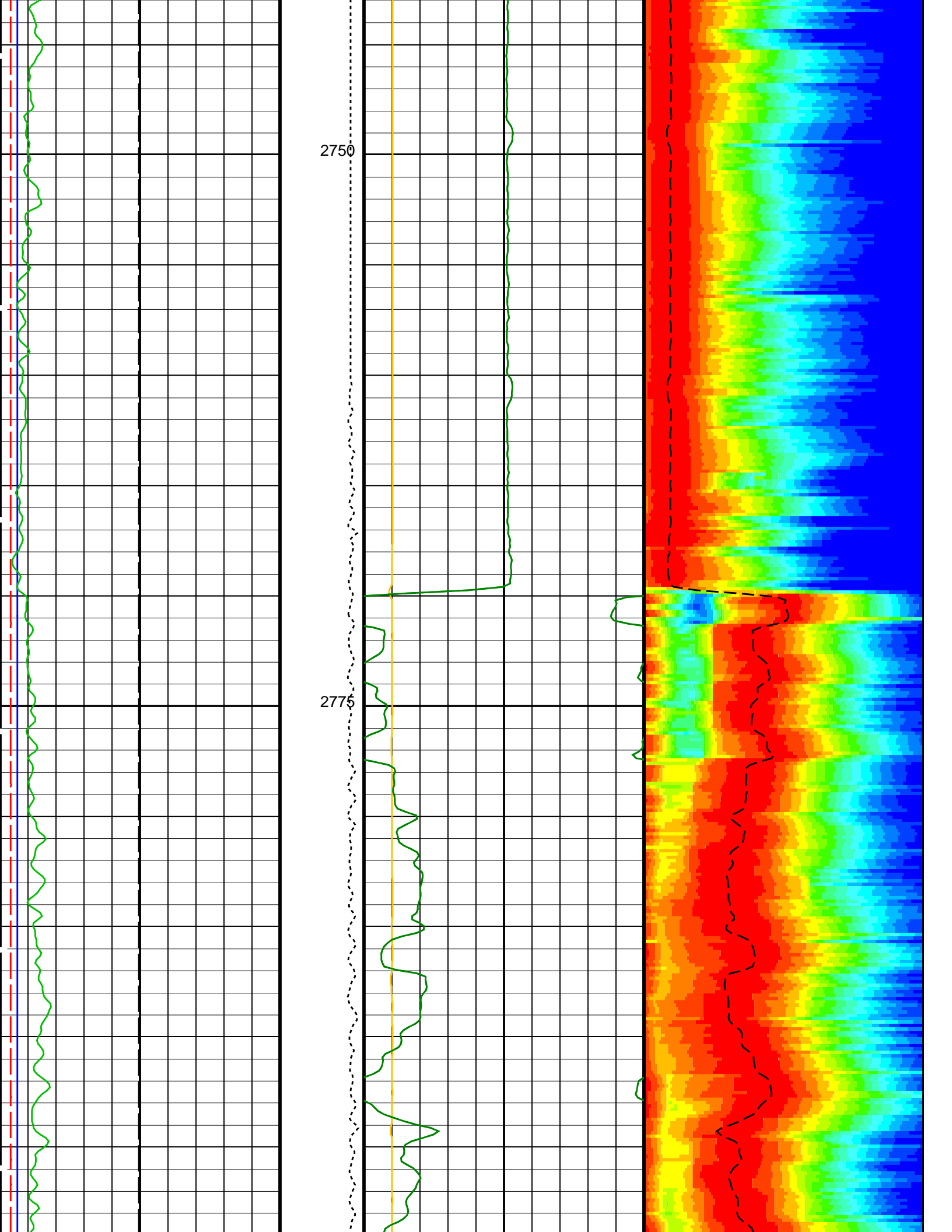
OP System Version: 19C0-187

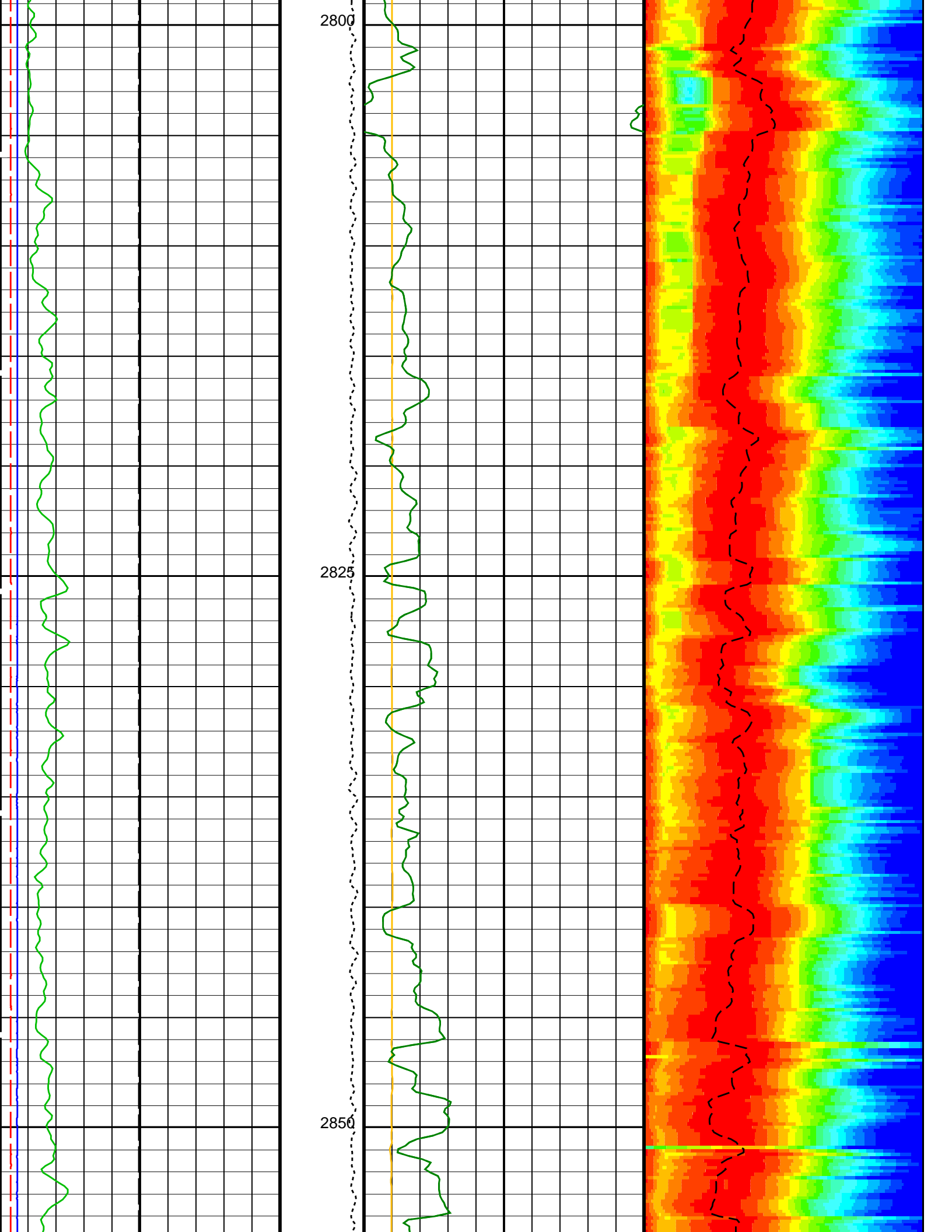
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DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

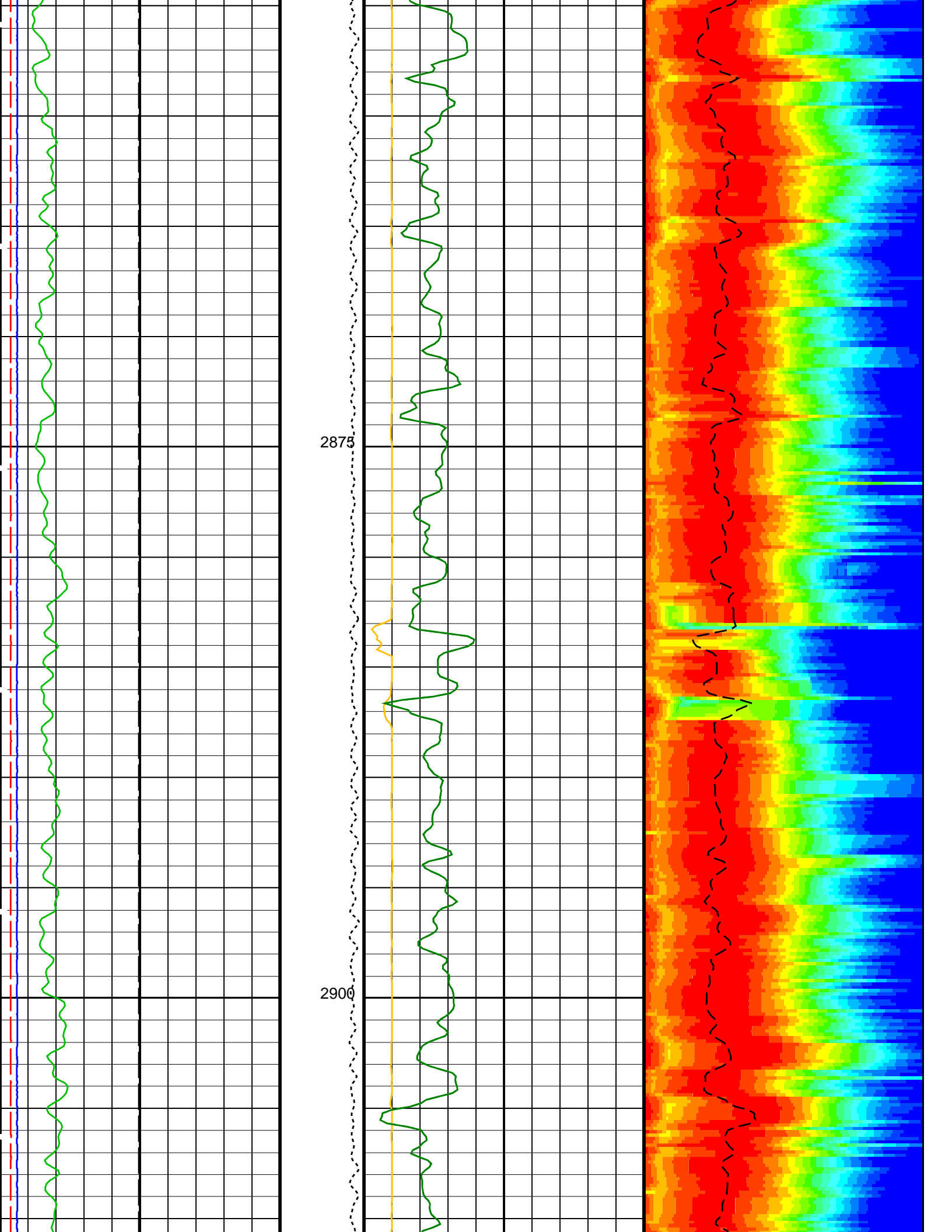
PIP SUMMARY

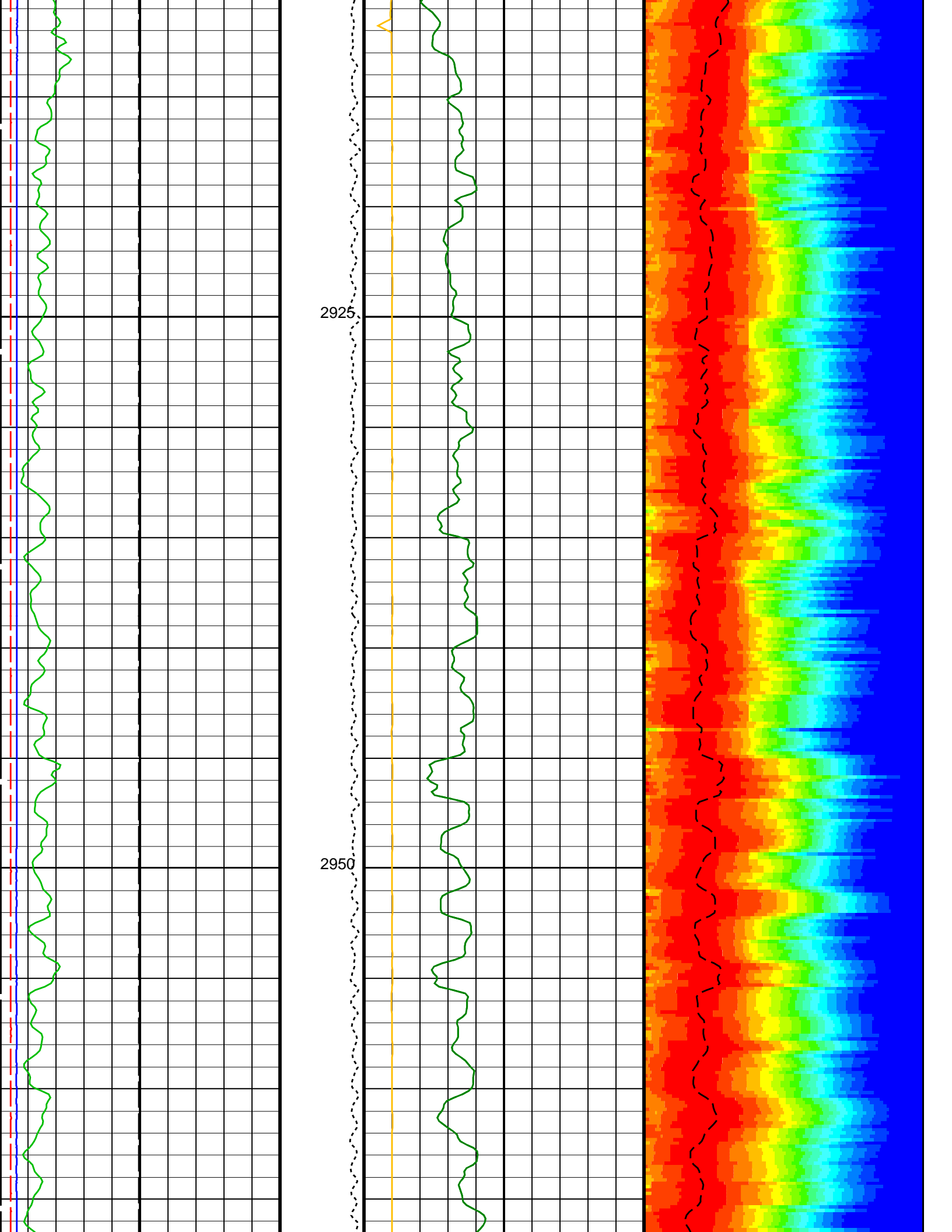
Time Mark Every 60 S

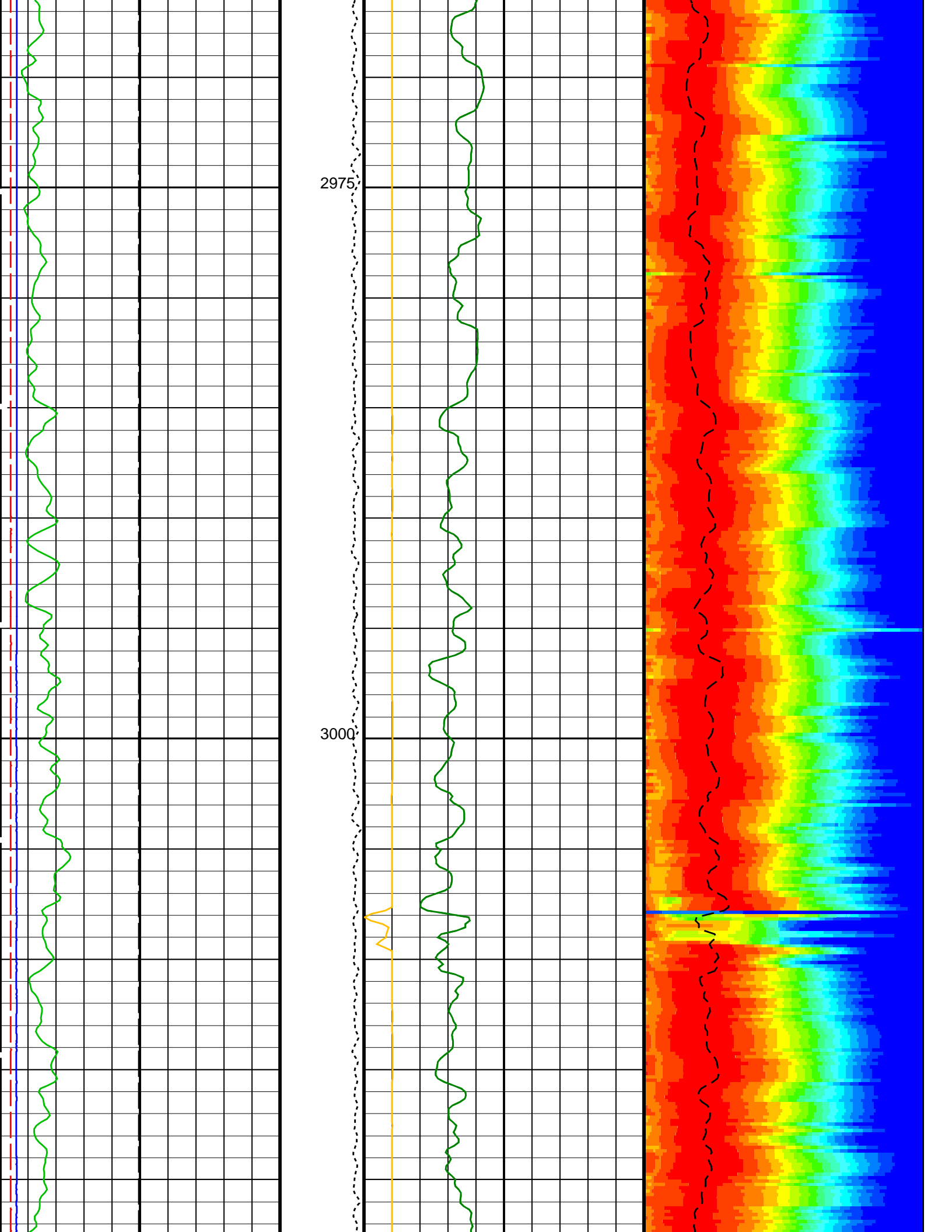


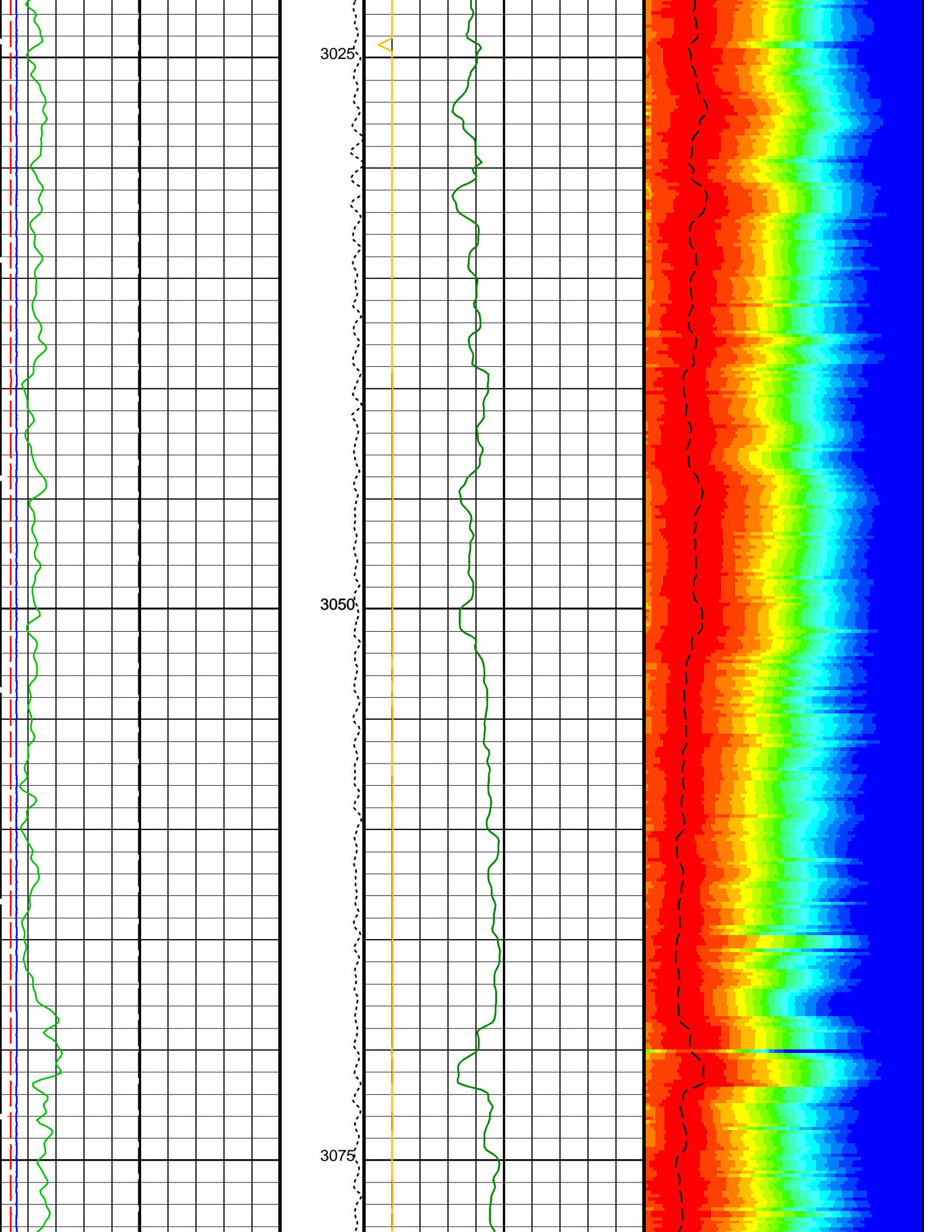


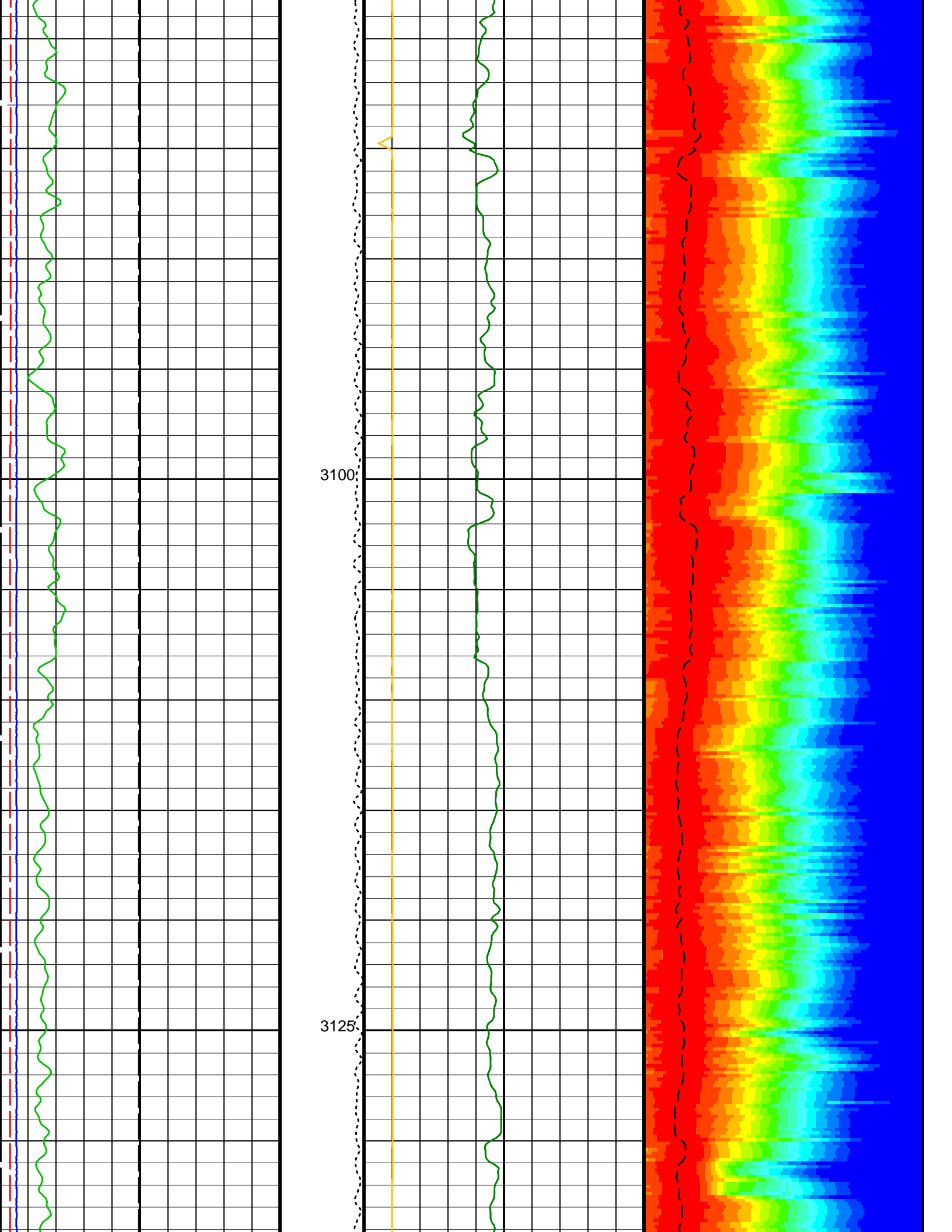


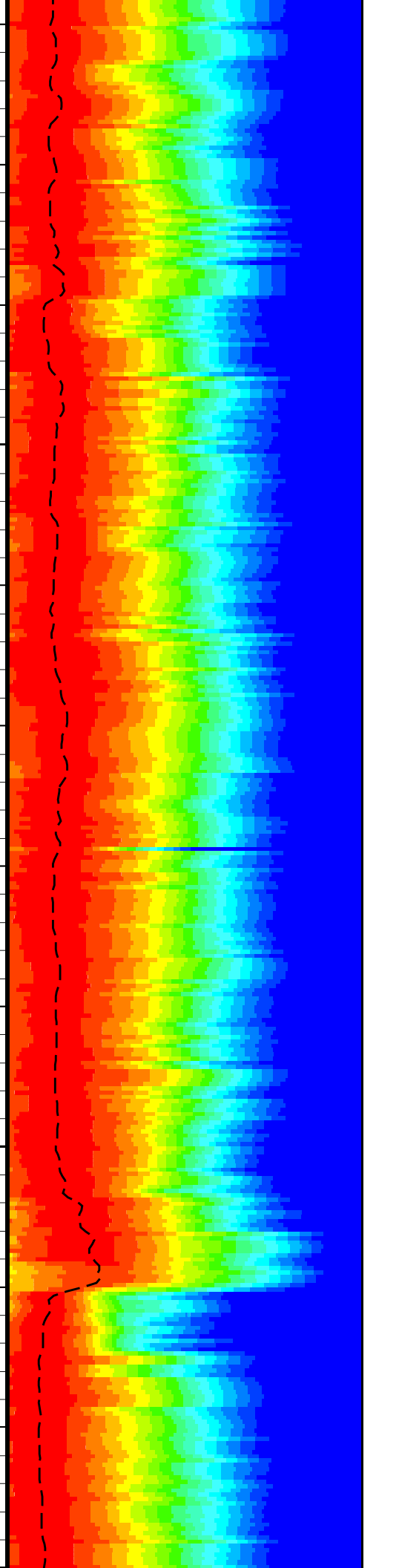
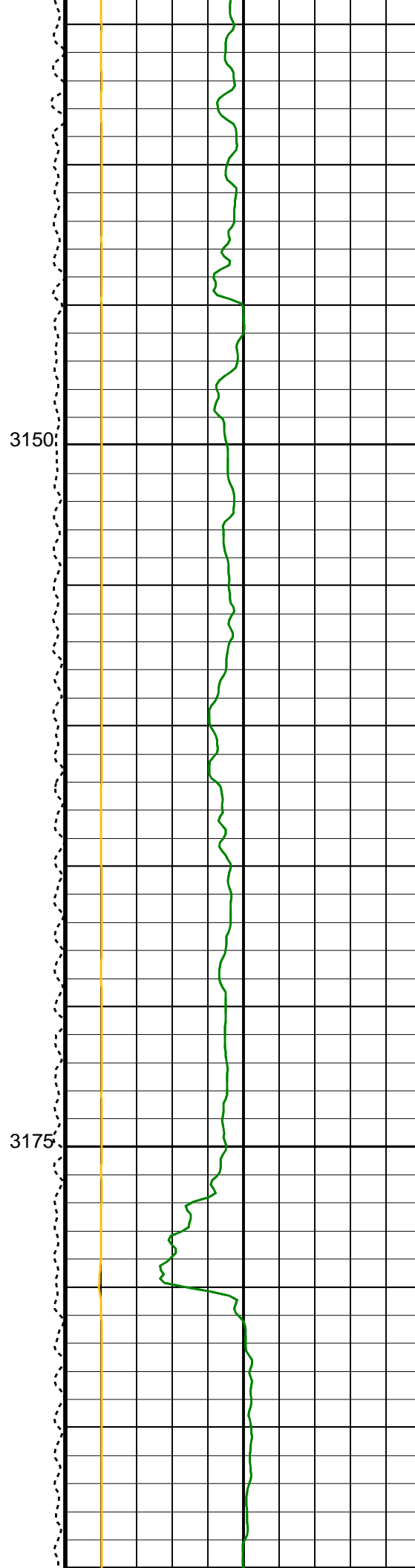
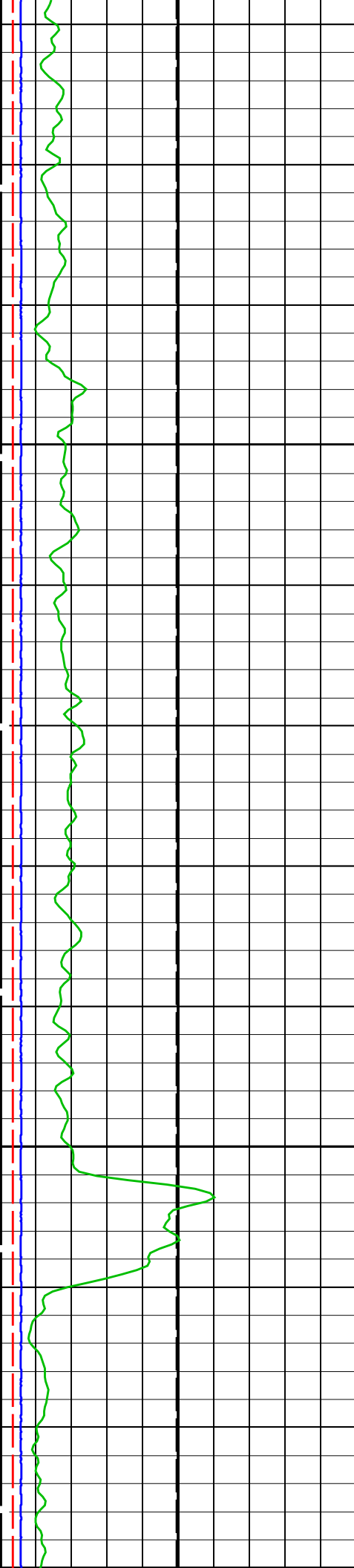


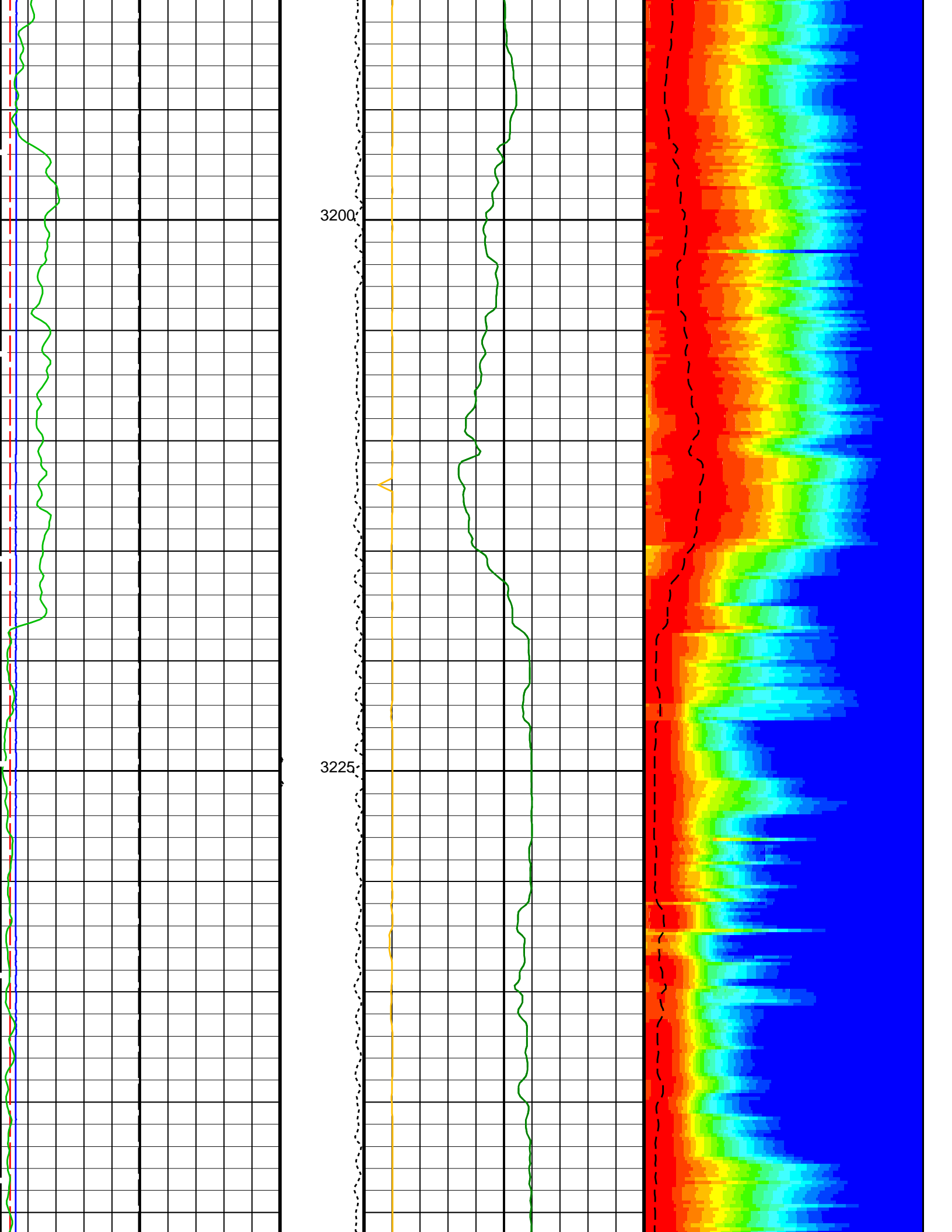


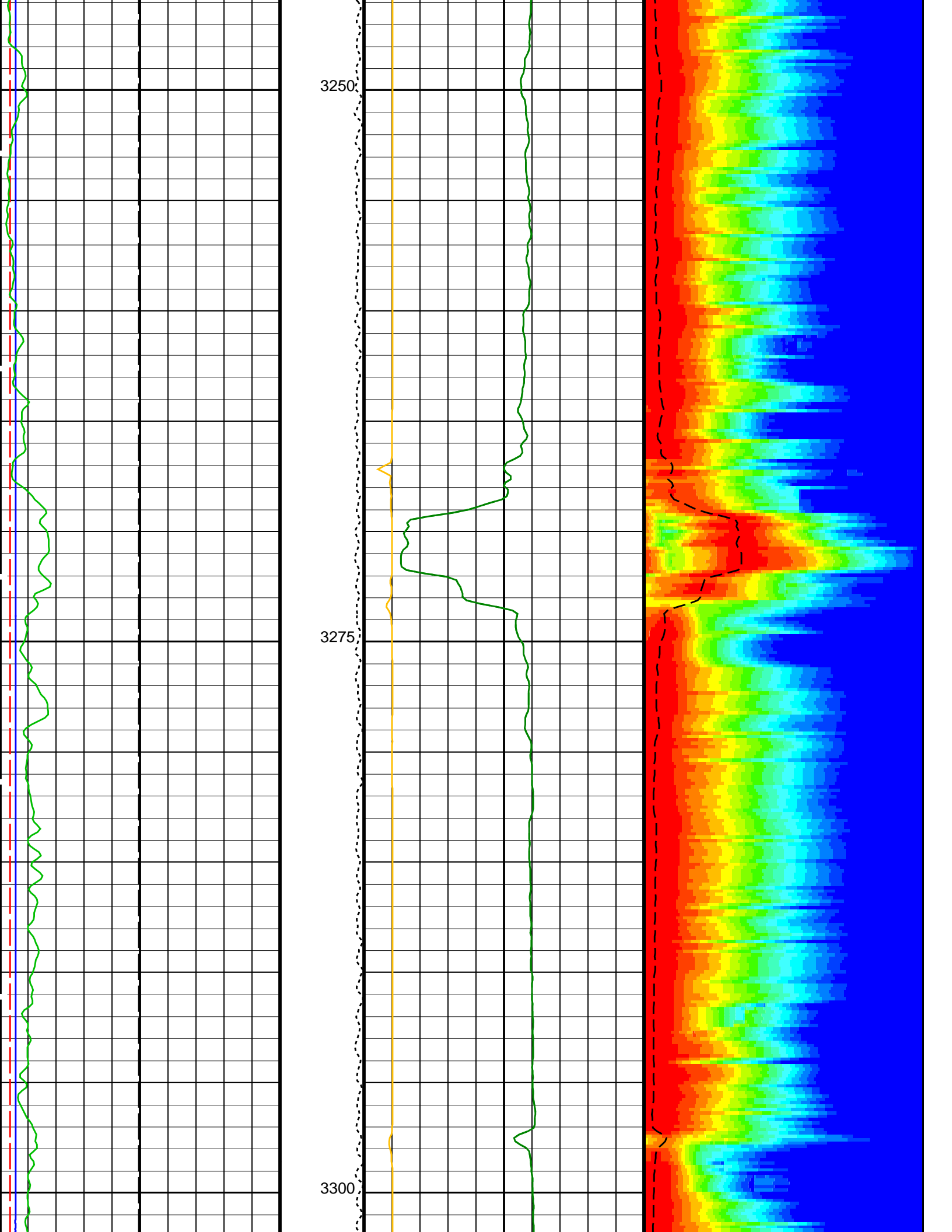


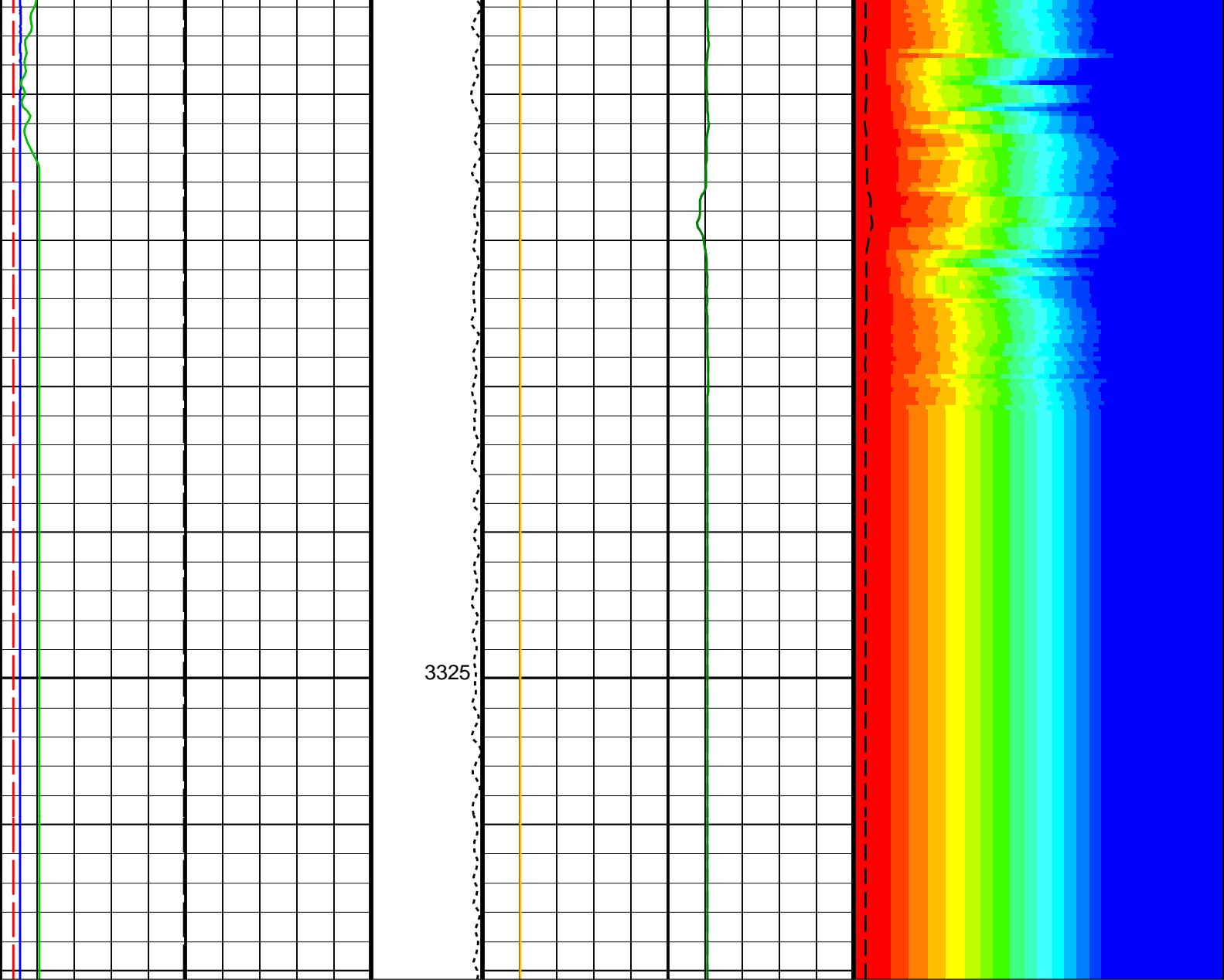












0 ————— Bit Size (BS) ————— 20 (IN)	Tension (TENS) (LBF) 0 ————— 5000	0 ————— Peak Coherence / RA - Stoneley (CHR3) ————— 10 (-----)	180 ————— Delta-T Stoneley / RA (DT3R) ————— 780 (US/F)
0 ————— Caliper 1 (C1) ————— 20 (IN)		440 ————— Delta-T Stoneley / RA (DT3R) ————— 40 (US/F)	Min ————— Amplitude ————— Max Rec.Array Stoneley Slow Proj. CVDL (SPR3) 180 ————— (US/F) ————— 780
0 ————— Caliper 2 (C2) ————— 20 (IN)		440 ————— Delta-T Stoneley (DTST) ————— 40 (US/F)	
0 ————— Gamma Ray (GR_EDTC) ————— 150 (GAPI)			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
DDE3	Digitizing Delay 3	0 US
DDEX	Digitizing Delay X	0 US
DSI3	Digitizer Sample Interval 3	40 US
DSIX	Digitizer Sample Interval X	40 US
DTCS	Compressional Delta-T Source for DTCO Channel	PS COMP

DWC3	Digitizer Word Count 3	512	
DWCX	Digitizer Word Count X	512	
MTXG	Monopole Transmitter Geometry	186	IN
NWI3	Number Waveform Items 3	8	
NWIX	Number Waveform Items X	0	
RX1G	Receiver 1 Geometry	294	IN
RX2G	Receiver 2 Geometry	300	IN
RX3G	Receiver 3 Geometry	306	IN
RX4G	Receiver 4 Geometry	312	IN
RX5G	Receiver 5 Geometry	318	IN
RX6G	Receiver 6 Geometry	324	IN
RX7G	Receiver 7 Geometry	330	IN
RX8G	Receiver 8 Geometry	336	IN
SAM3	DSST Sonic Acquisition Mode 3 – Monopole Mode for Stoneley	ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS3	STC Sonic Array Status – Monopole Stoneley	255	
SBO3	STC Search Band Offset – Monopole Stoneley	2000	US
SBW3	STC Search Bandwidth – Monopole Stoneley	6000	US
SFC3	STC Formation Character – Monopole Stoneley	SELECTABLE	
SFM3	STC Filter – Monopole Stoneley	B.5–1.5K	
SLL3	STC Slowness Lower Limit – Monopole Stoneley	180	US/F
SST3	STC Slowness Step – Monopole Stoneley	4	US/F
SSW3	STC Source Waveform – Monopole Stoneley	WF_SAM3	
STLL	Label Slowness Lower Limit – Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL3	STC Slowness Upper Limit – Monopole Stoneley	780	US/F
SWD3	STC Slowness Width – Monopole Stoneley	40	US/F
TBF3	STC Time for Baseline Fill – Monopole Stoneley	0	US
TLL3	STC Time Lower Limit – Monopole Stoneley	620	US
TST3	STC Time Step – Monopole Stoneley	200	US
TUL3	STC Time Upper Limit – Monopole Stoneley	12020	US
TWD3	STC Time Width – Monopole Stoneley	2000	US
TWI3	STC Integration Time Window – Monopole Stoneley	1600	US
TWSX	Transmitter Waveform Select X	0	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: DSST_STONELEY_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 10-Aug-2023 13:16

OP System Version: 19C0–187

MEST–B	19C0–187	DTA–A	19C0–187
DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_058LUP	PRODUCER	10-Aug-2023 13:12	3335.3 M	2727.2 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_060PUP	FN:73	PRODUCER	10-Aug-2023 13:16
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Company: International Ocean Discovery Program Well: Expedition 395, Site U1564F

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_058LUP	PRODUCER	10-Aug-2023 13:12	3335.3 M	2727.2 M
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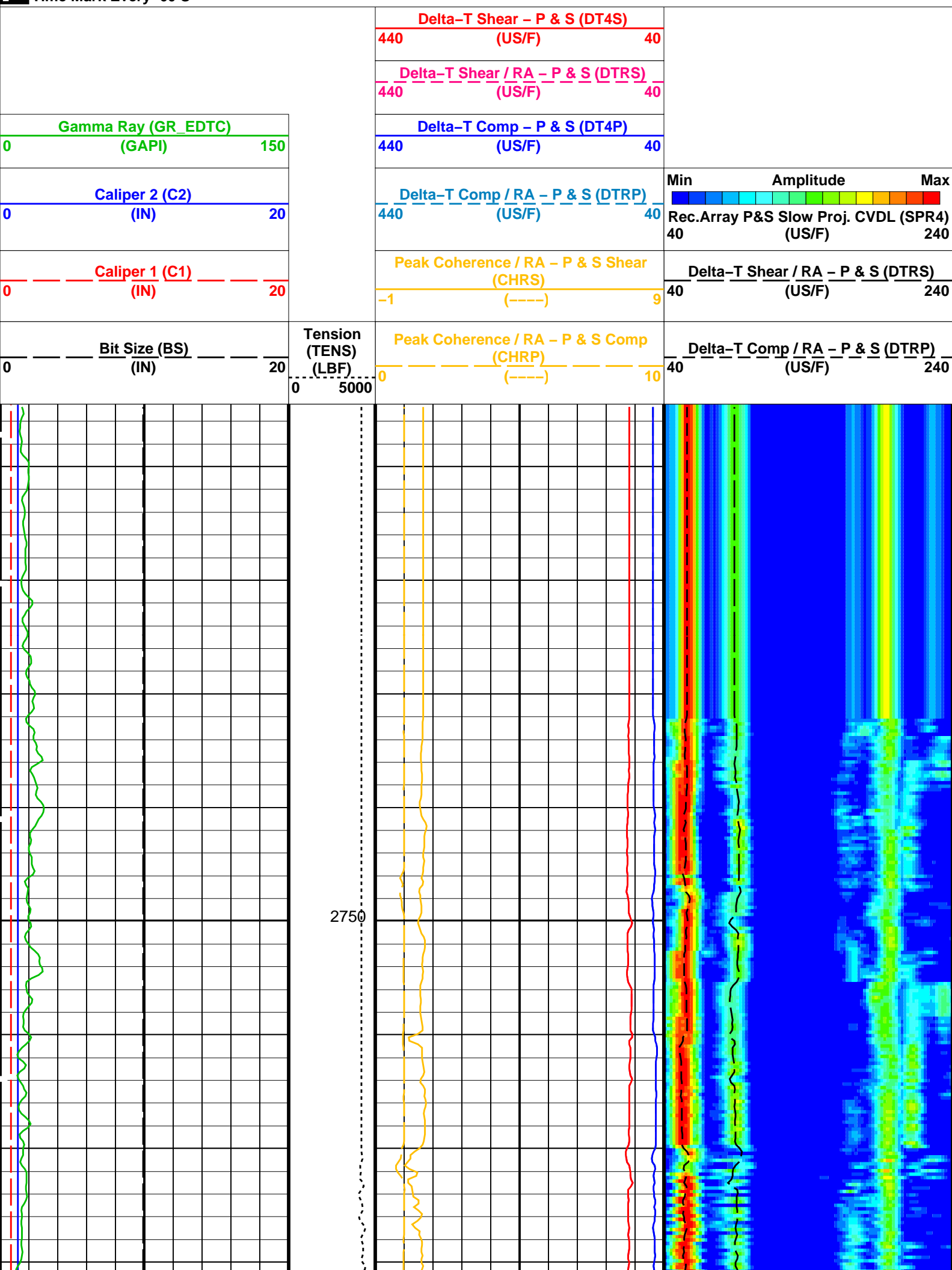
Output DLIS Files

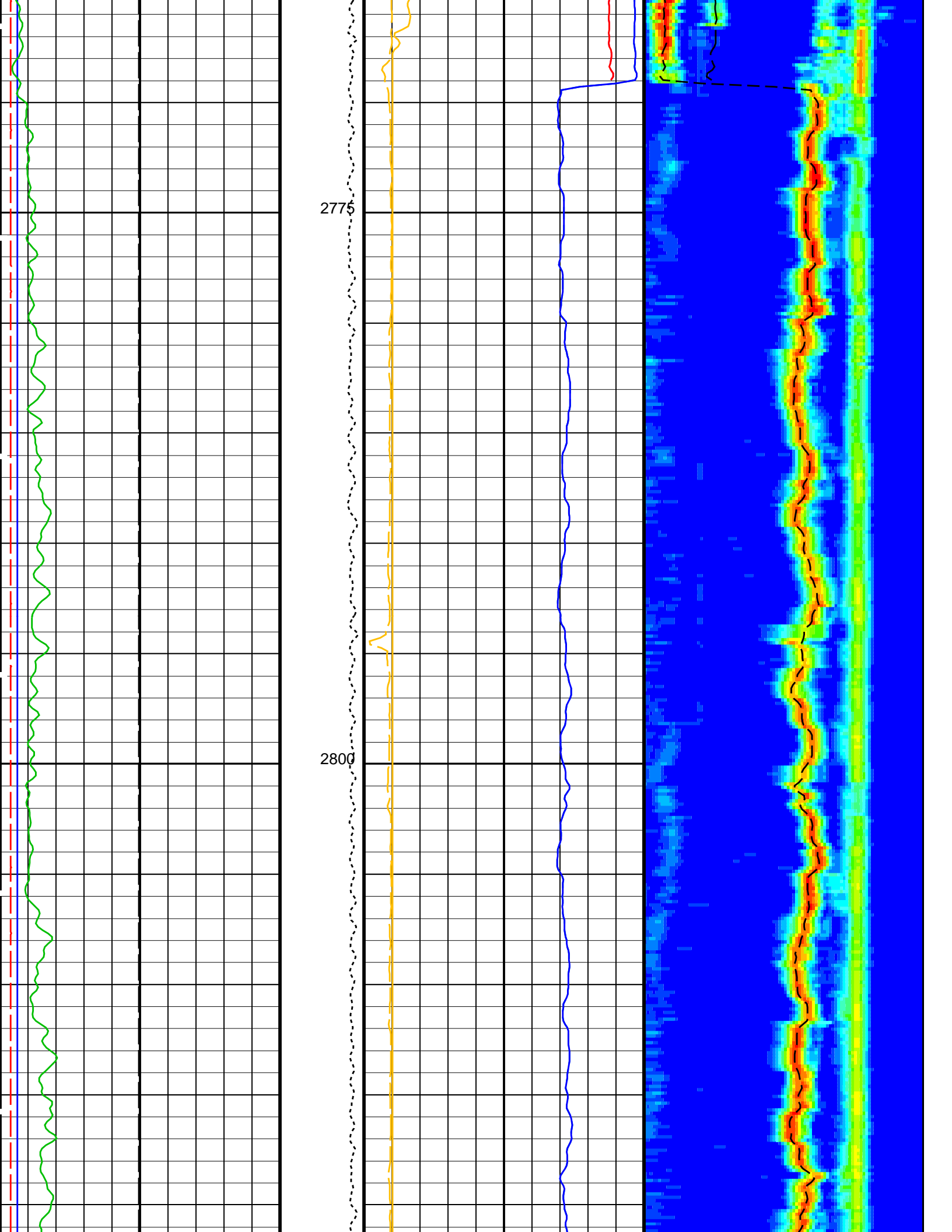
DEFAULT	FMS_DSI_NGS_060PUP	FN:73	PRODUCER	10-Aug-2023 13:16	3335.3 M	2727.2 M
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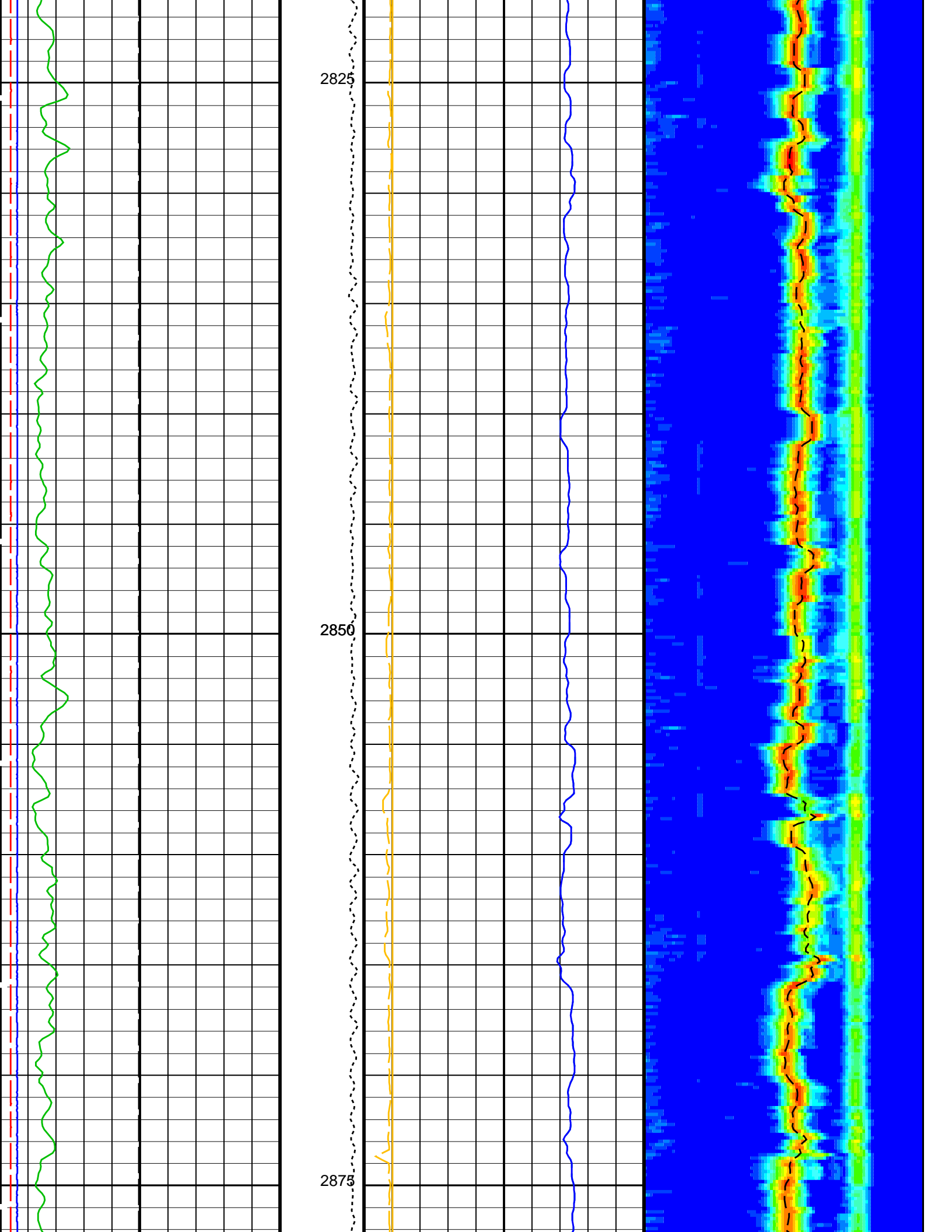
OP System Version: 19C0–187

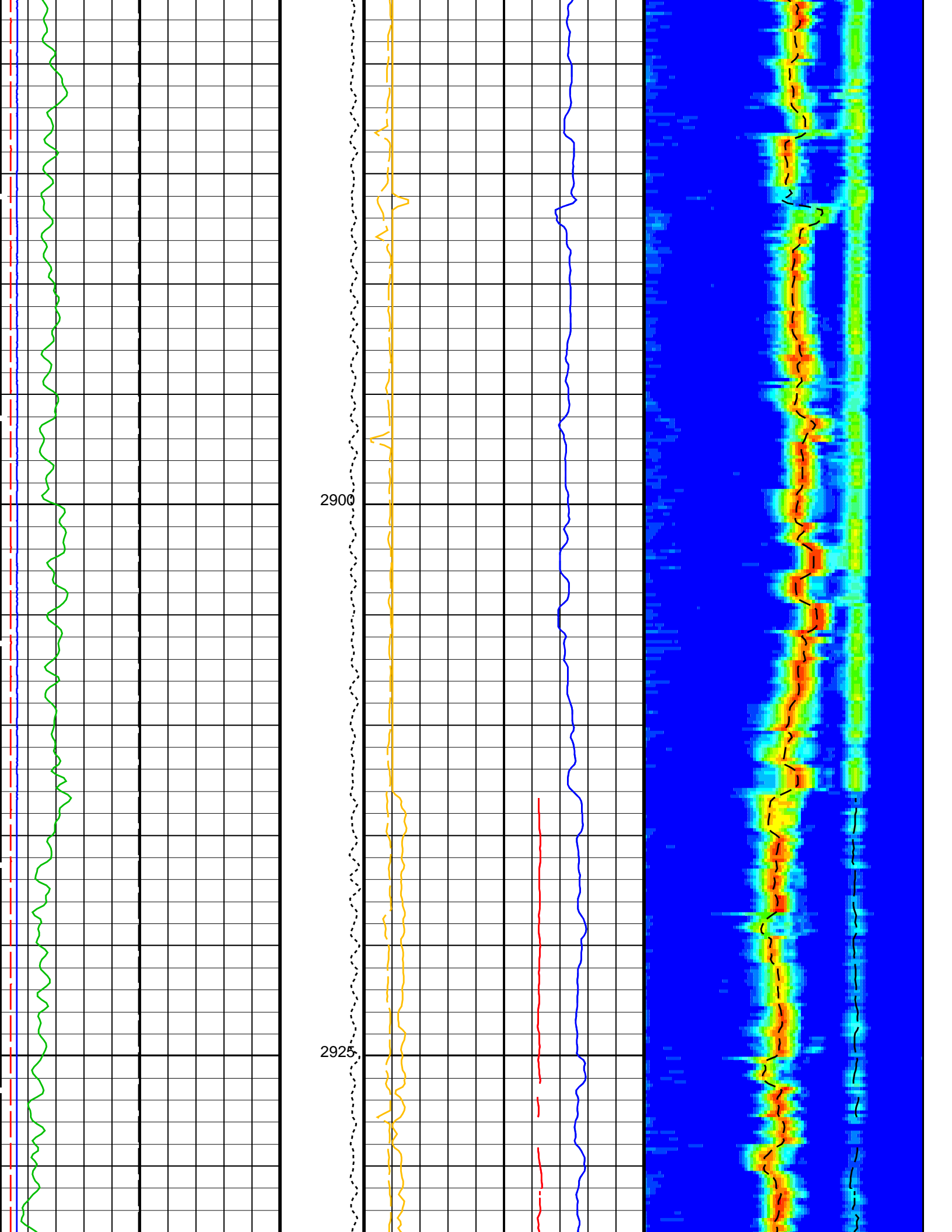
MEST–B	19C0–187	DTA–A	19C0–187
DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

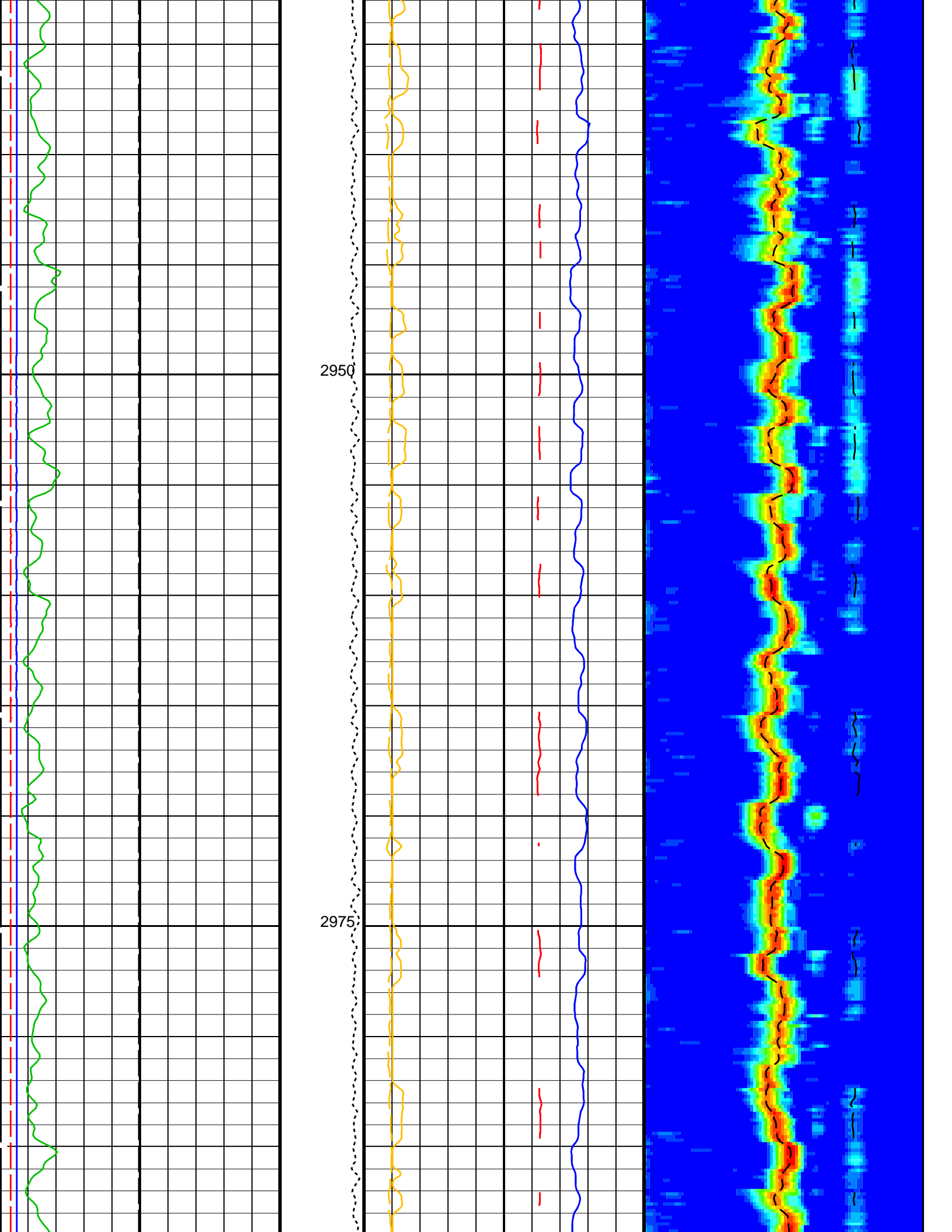
PIP SUMMARY

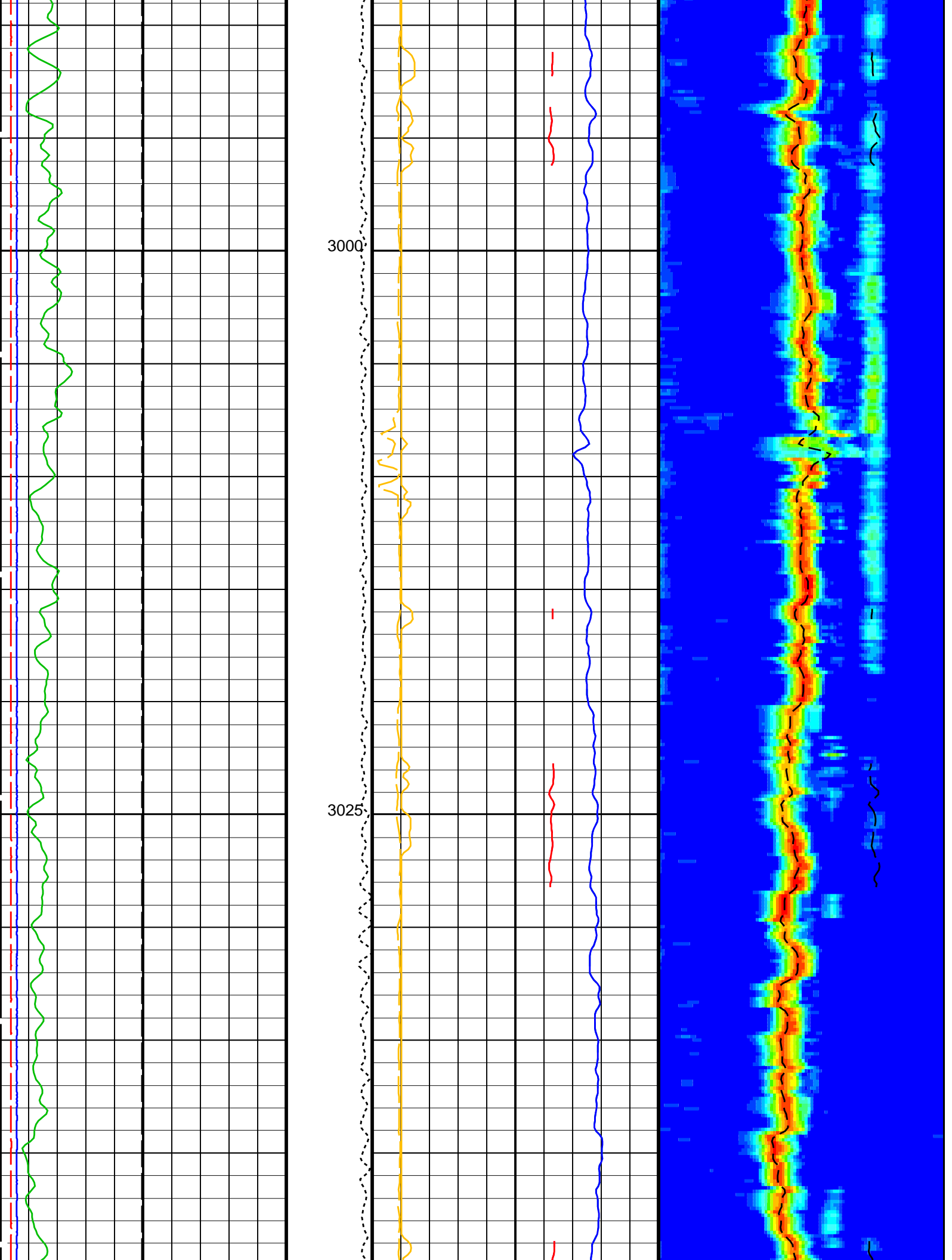


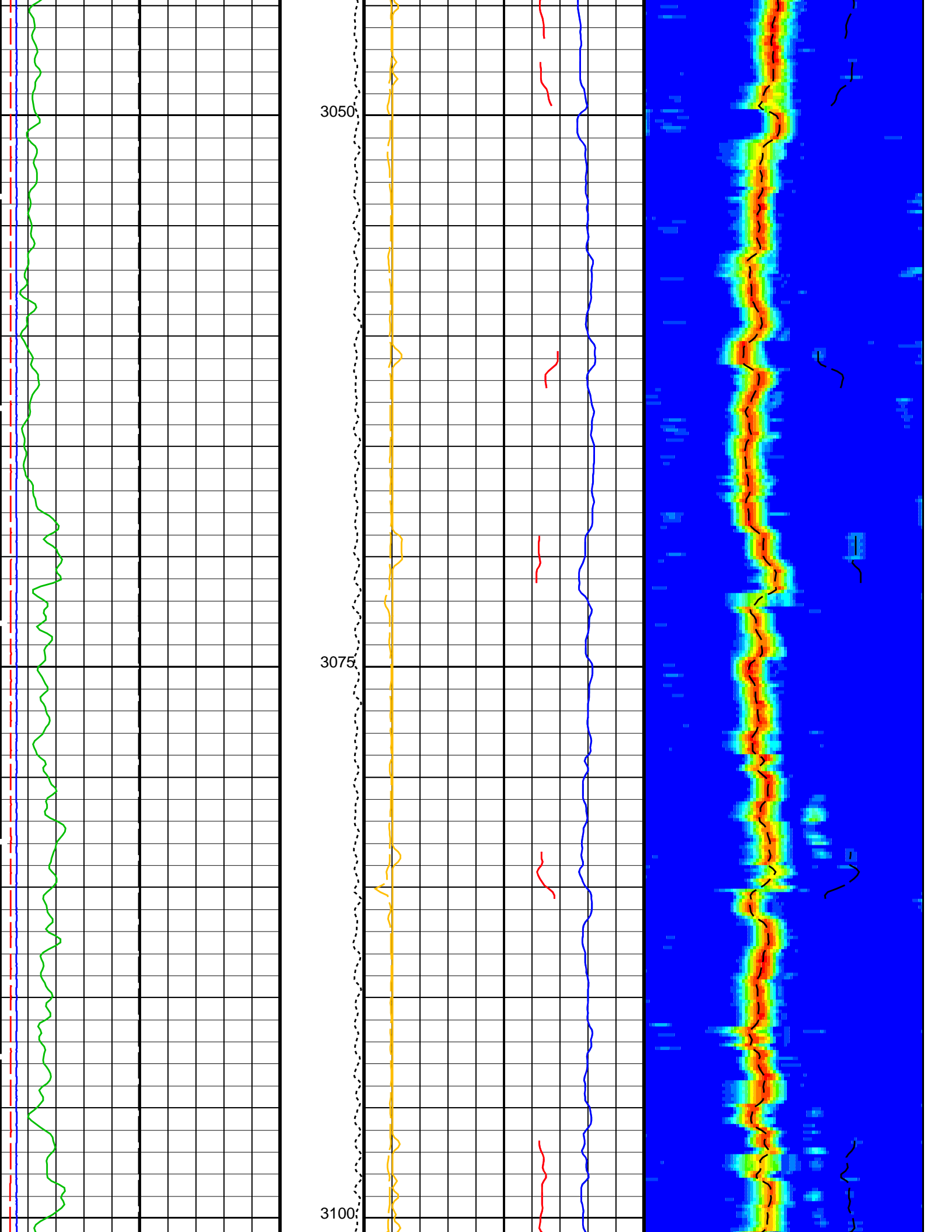


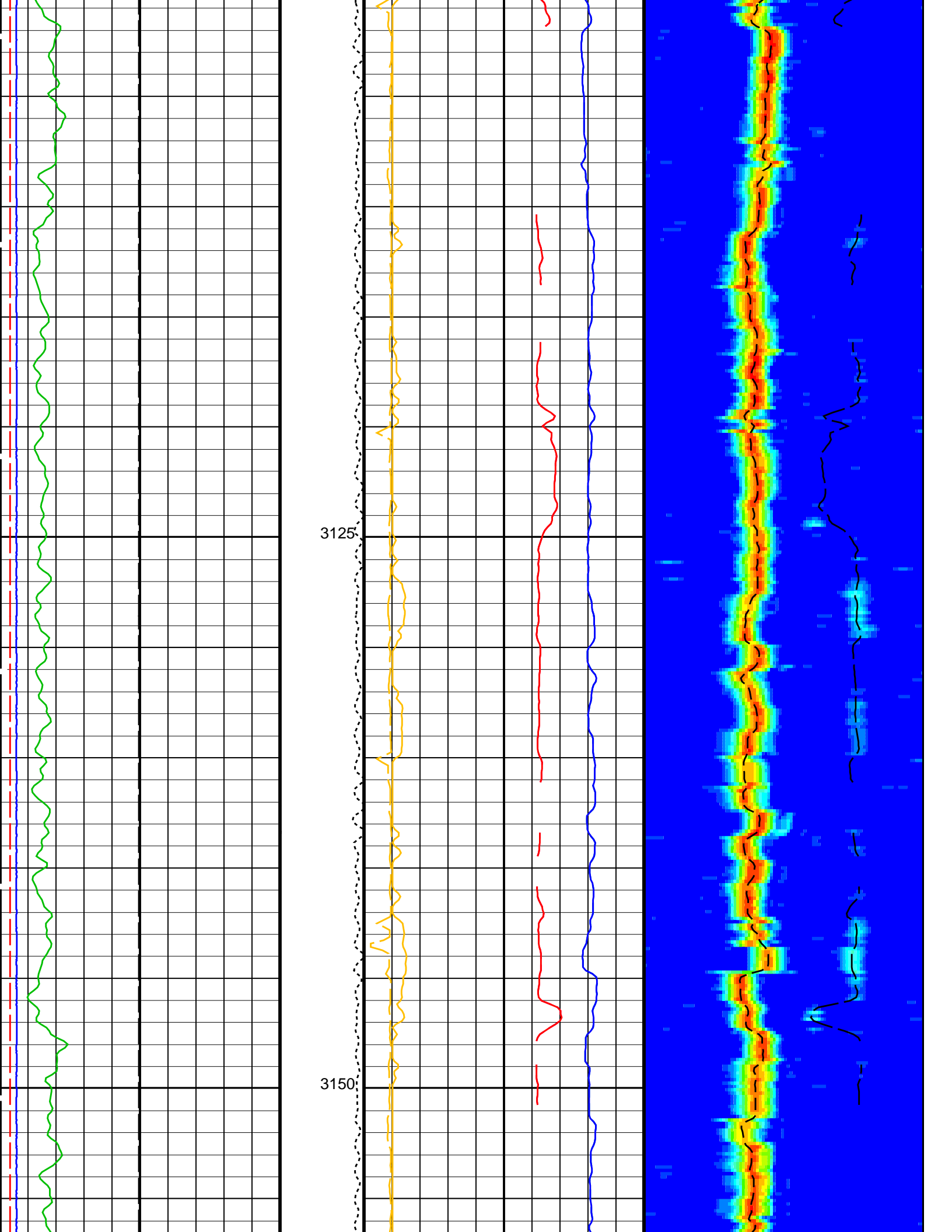


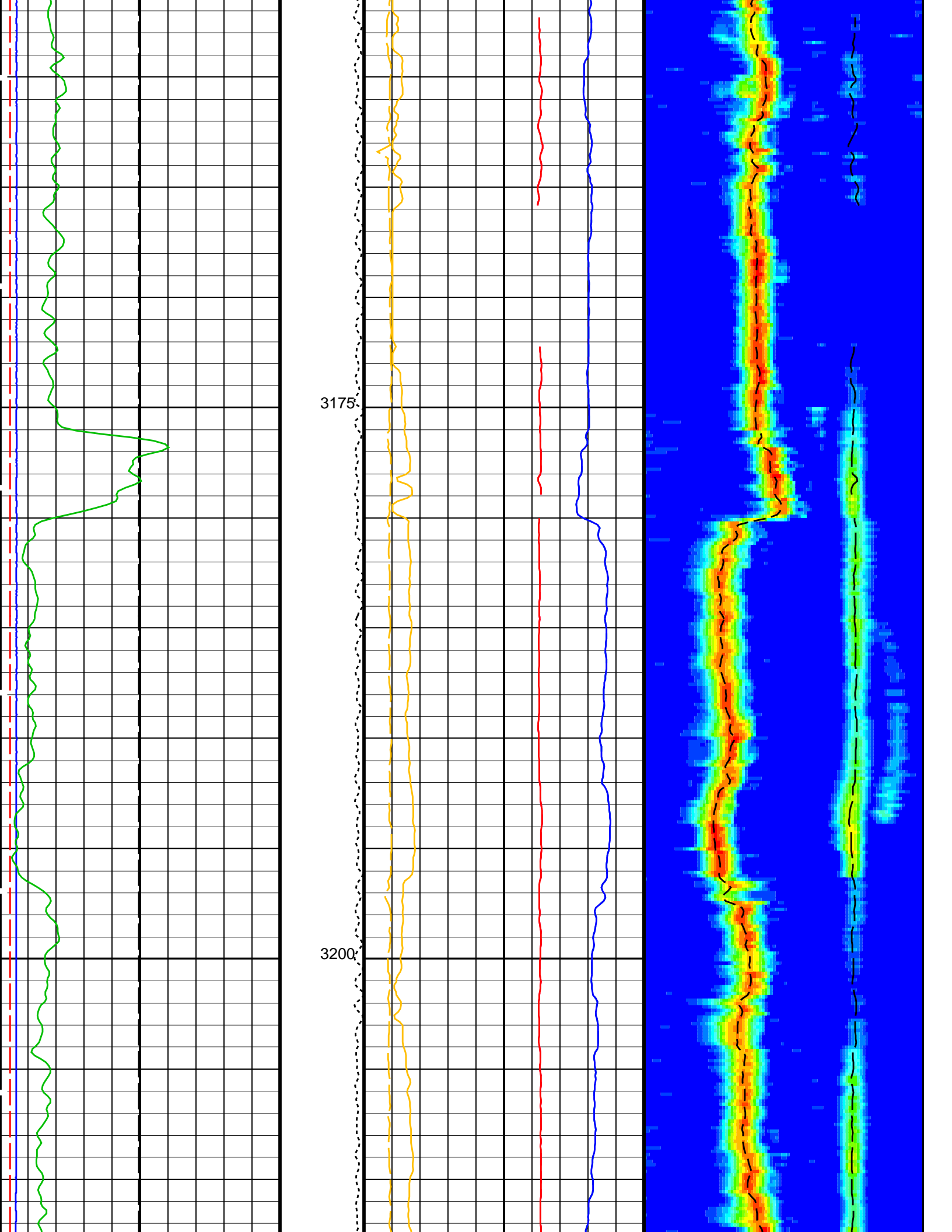


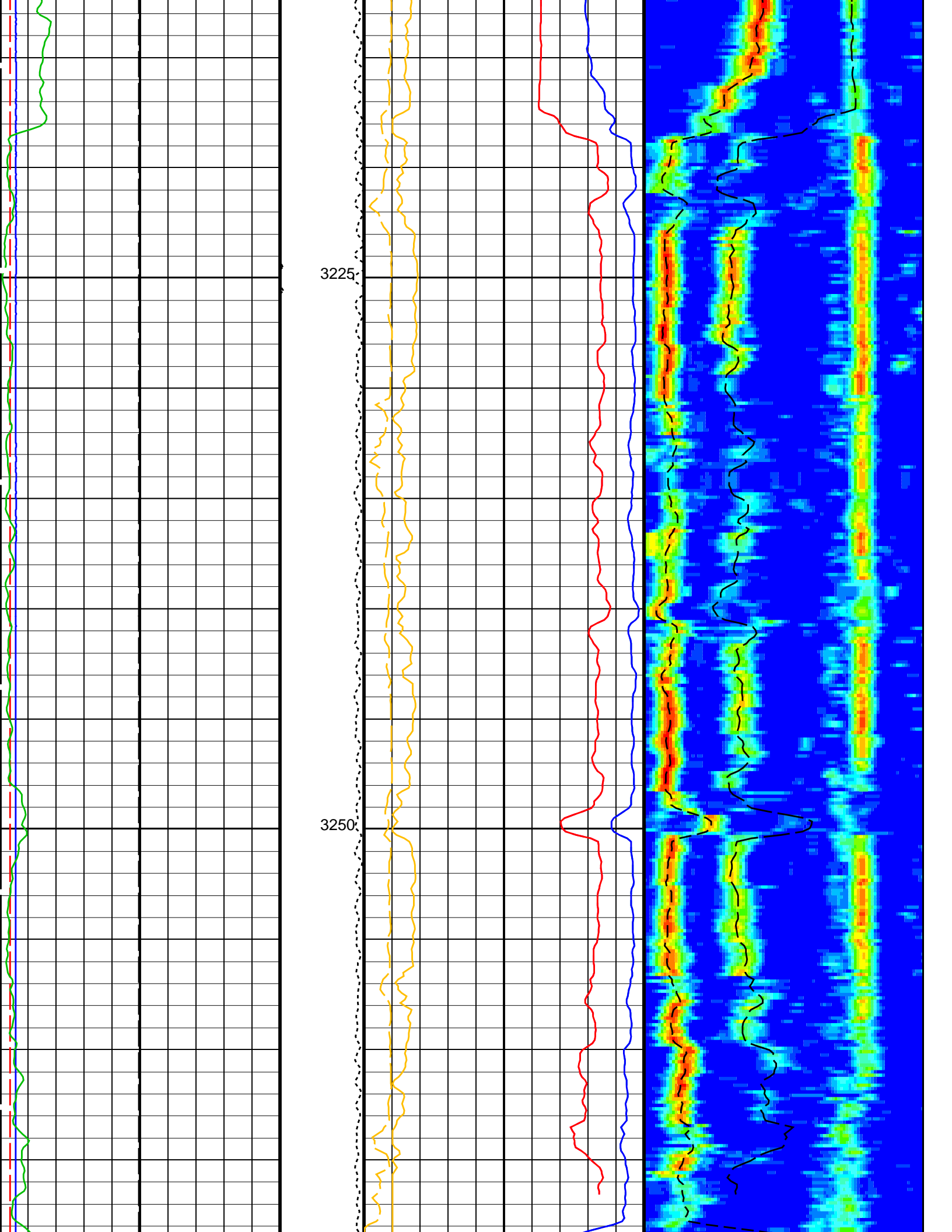


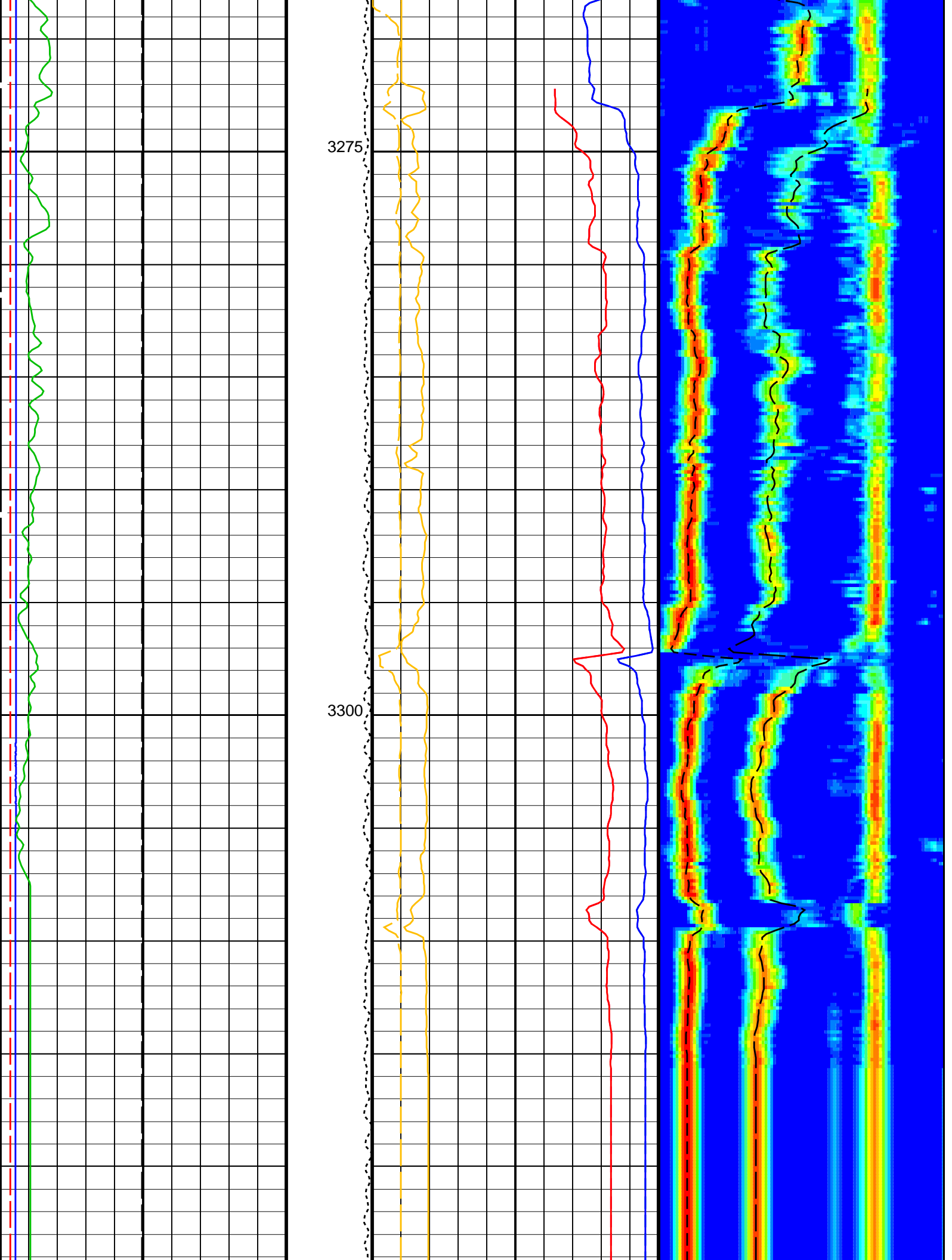


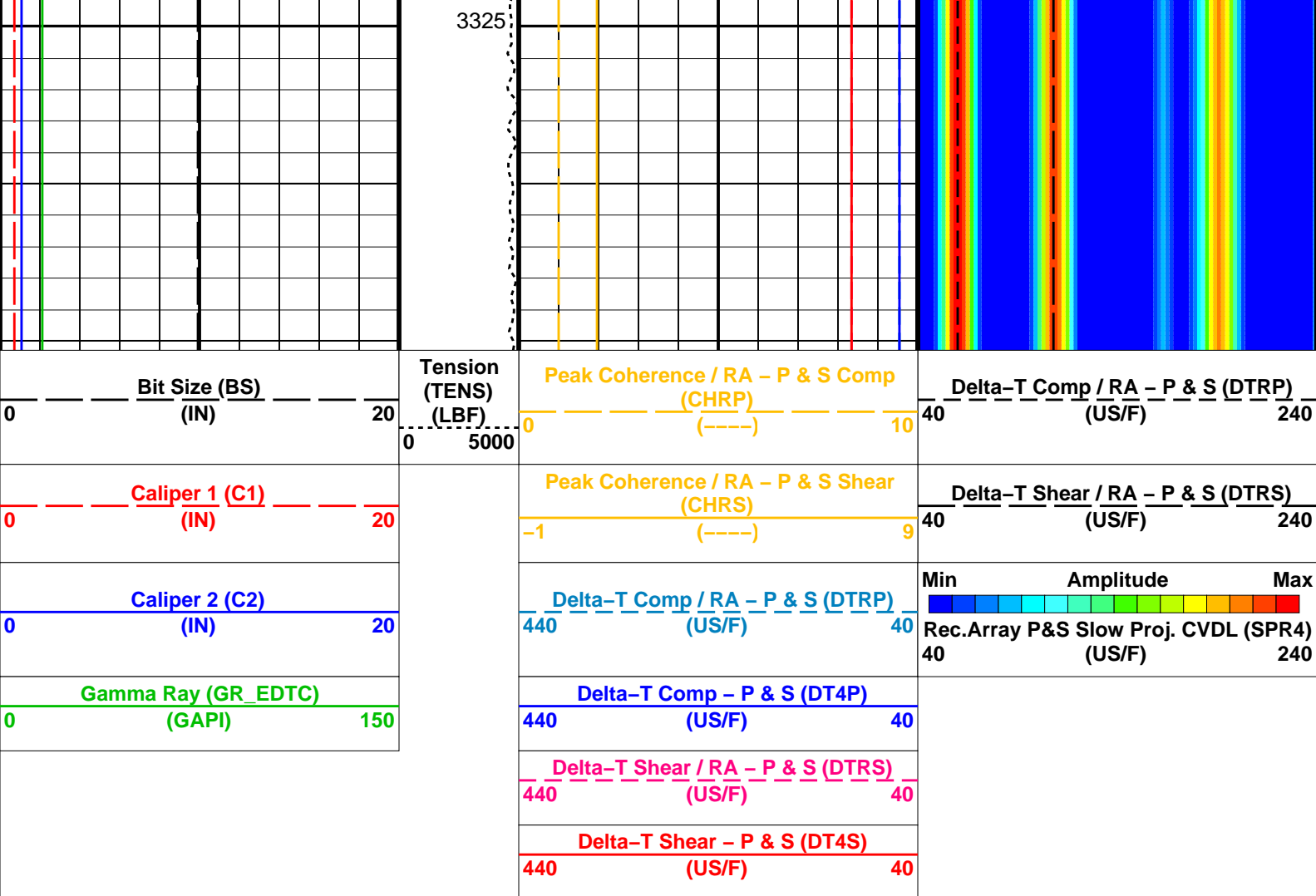












PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
BHS	Borehole Status	OPEN
CASF	Label Casing Function - Monopole P&S	50
COLL	Label Slowness Lower Limit - Monopole P&S Compressional	40 US/F
COUL	Label Slowness Upper Limit - Monopole P&S Compressional	190 US/F
DDE4	Digitizing Delay 4	0 US
DDEX	Digitizing Delay X	0 US
DSI4	Digitizer Sample Interval 4	10 US
DSIX	Digitizer Sample Interval X	40 US
DTF	Delta-T Fluid	212 US/F
DWC4	Digitizer Word Count 4	512
DWCX	Digitizer Word Count X	512
FILG	Label Fill Gap Control - Monopole P&S	COMP_SHEAR
LFC	Label Formation Character - Monopole P&S	COMP_FIRST
MCS	Mean Casing Slowness	57 US/F
MTXG	Monopole Transmitter Geometry	186 IN
NWI4	Number Waveform Items 4	8
NWIX	Number Waveform Items X	0
RSMN	Label Shear/Compressional Minimum Ratio - Monopole P&S	1.4
RSMX	Label Shear/Compressional Maximum Ratio - Monopole P&S	2.12
RX1G	Receiver 1 Geometry	294 IN
RX2G	Receiver 2 Geometry	300 IN
RX3G	Receiver 3 Geometry	306 IN
RX4G	Receiver 4 Geometry	312 IN
RX5G	Receiver 5 Geometry	318 IN
RX6G	Receiver 6 Geometry	324 IN
RX7G	Receiver 7 Geometry	330 IN
RX8G	Receiver 8 Geometry	336 IN
SAM4	DSST Sonic Acquisition Mode 4 - Monopole Mode for P&S	EVEN
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	OFF
SAS4	STC Sonic Array Status - Monopole P&S	255
SPO4	STC Search Band Offset - Monopole P&S	500 US

SBU4	STC Search Band Onset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	70	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	195	US/F
SLL4	STC Slowness Lower Limit – Monopole P&S	40	US/F
SST4	STC Slowness Step – Monopole P&S	2	US/F
SSW4	STC Source Waveform – Monopole P&S	WF_SAM4	
STLL	Label Slowness Lower Limit – Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL4	STC Slowness Upper Limit – Monopole P&S	240	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL4	STC Time Lower Limit – Monopole P&S	150	US
TST4	STC Time Step – Monopole P&S	50	US
TUL4	STC Time Upper Limit – Monopole P&S	3660	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI4	STC Integration Time Window – Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
HNGS–BA: Hostile Natural Gamma Ray Sonde			
BHS	Borehole Status	OPEN	
EDTC–B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 10–Aug–2023 13:16

OP System Version: 19C0–187

MEST–B	19C0–187	DTA–A	19C0–187
DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_058LUP	PRODUCER	10–Aug–2023 13:12	3335.3 M	2727.2 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_060PUP	FN:73	PRODUCER	10–Aug–2023 13:16
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Schlumberger

**First Pass
1:200 Scale**

MAXIS Field Log

Output DLIS Files

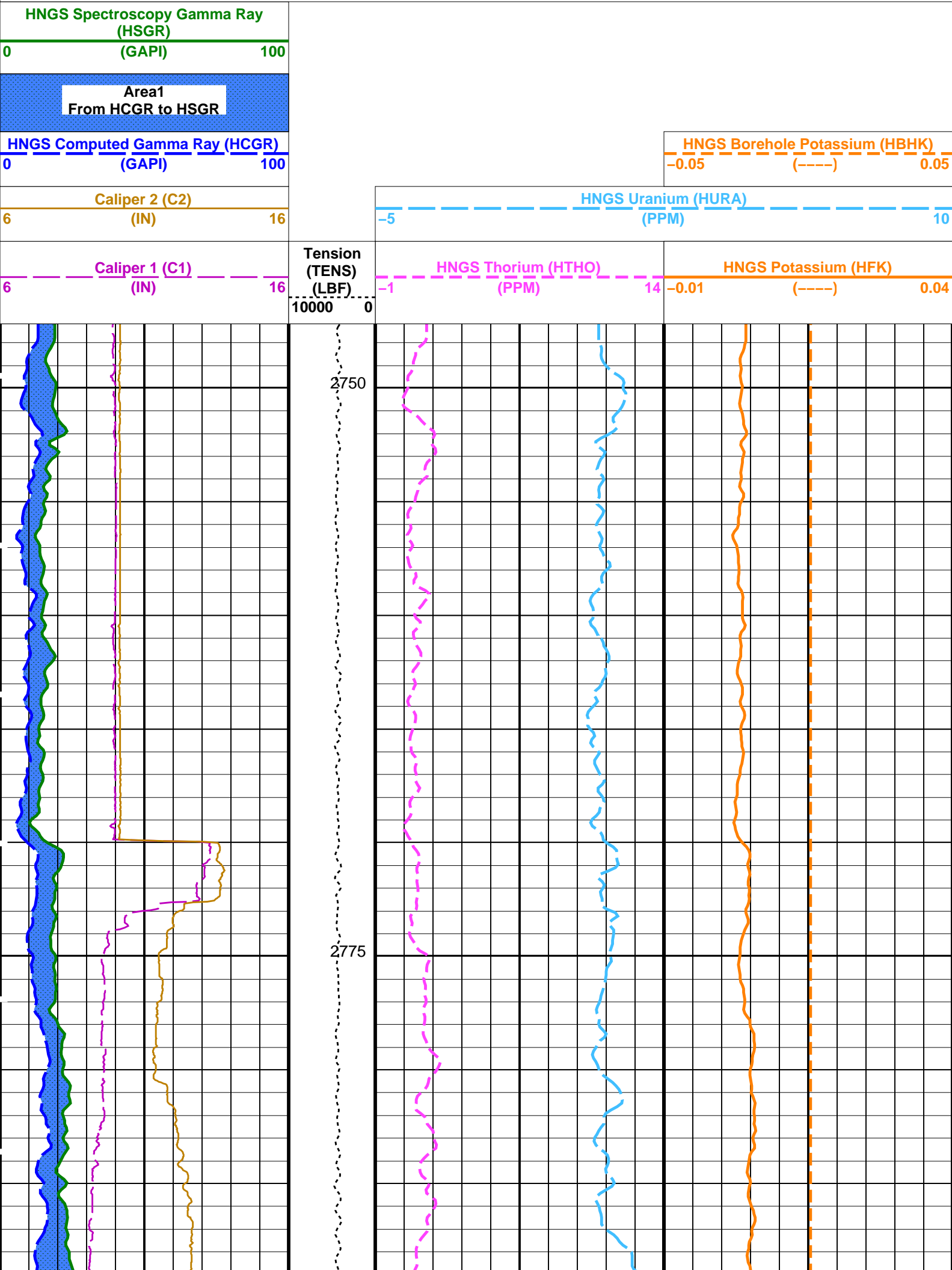
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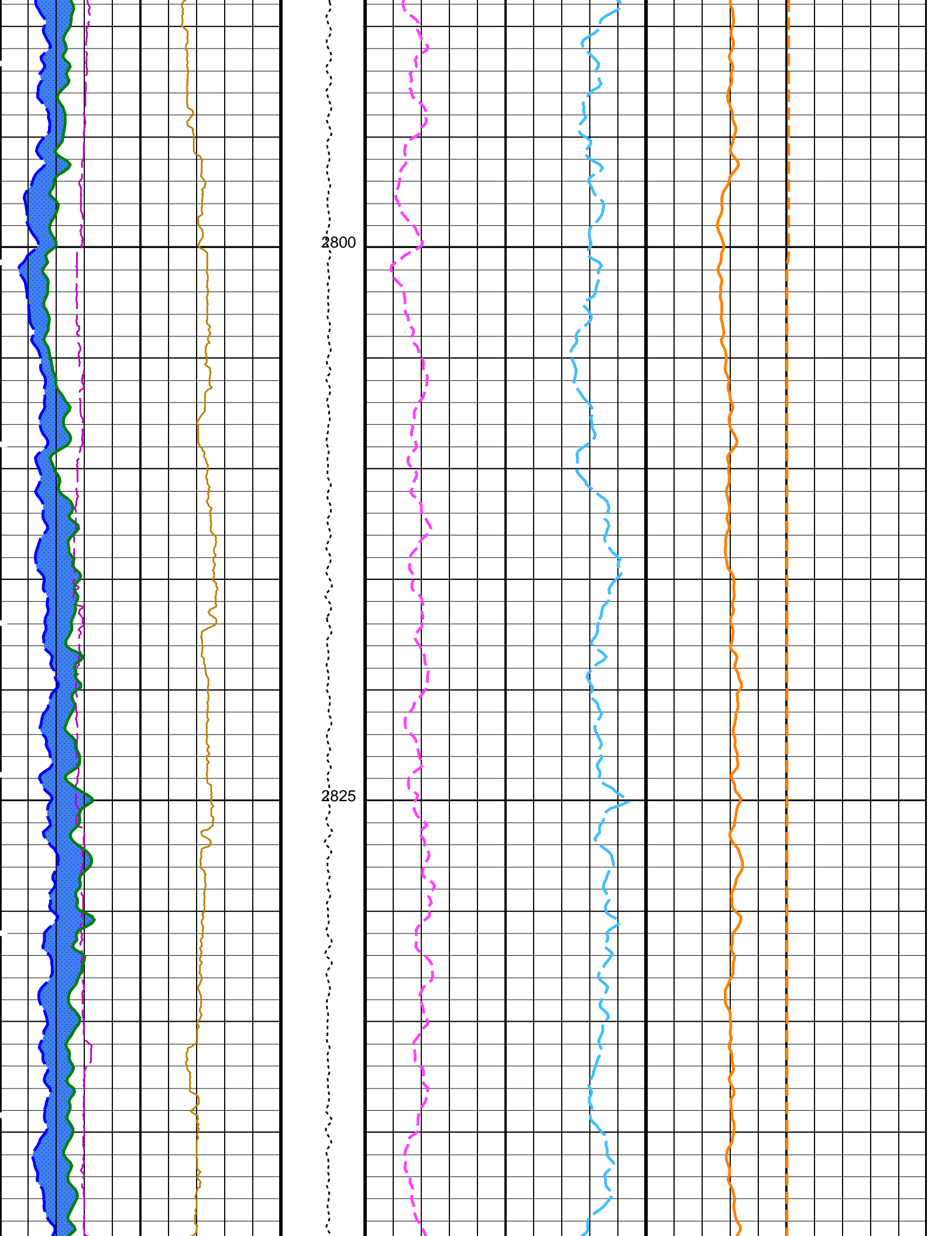
OP System Version: 19C0–187

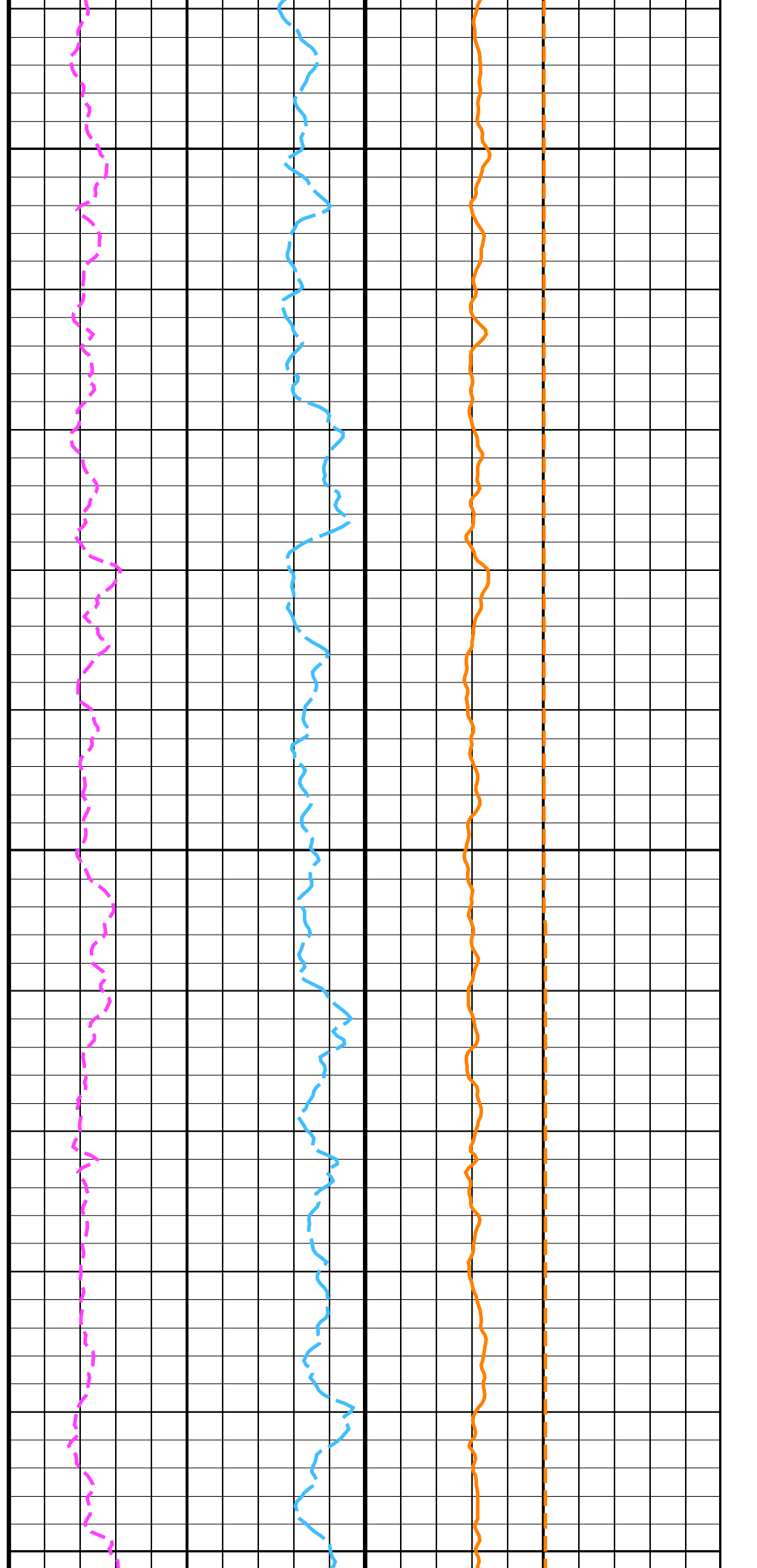
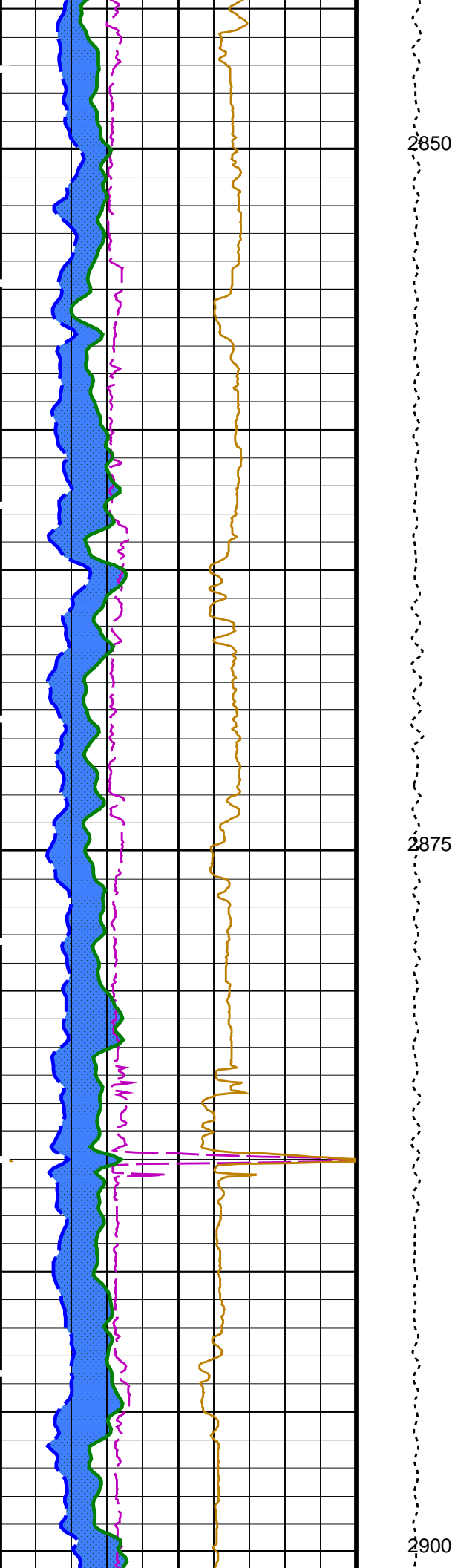
MEST–B	19C0–187	DTA–A	19C0–187
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HNGS–BA	19C0–187	EDTC–B	19C0–187

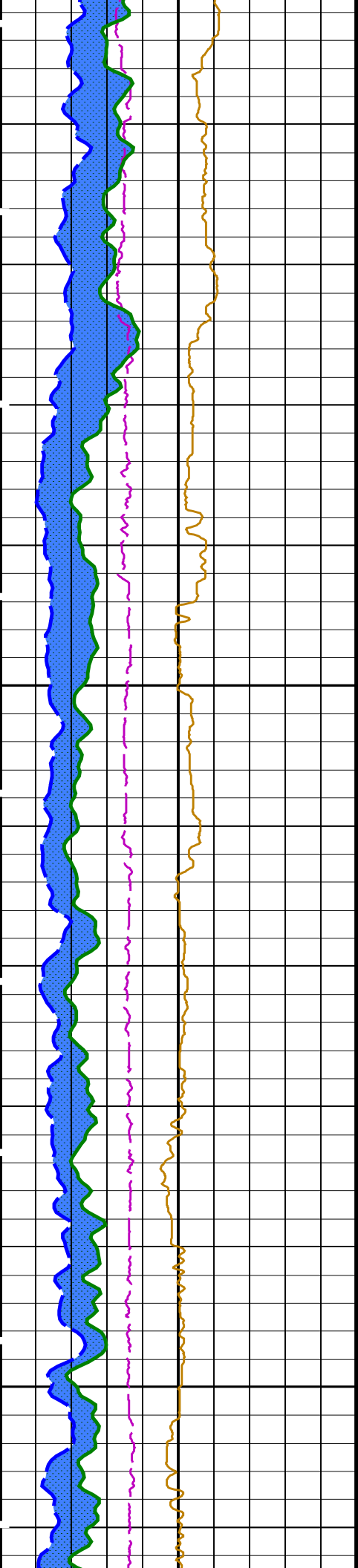
PIP SUMMARY

Time Mark Every 60 S



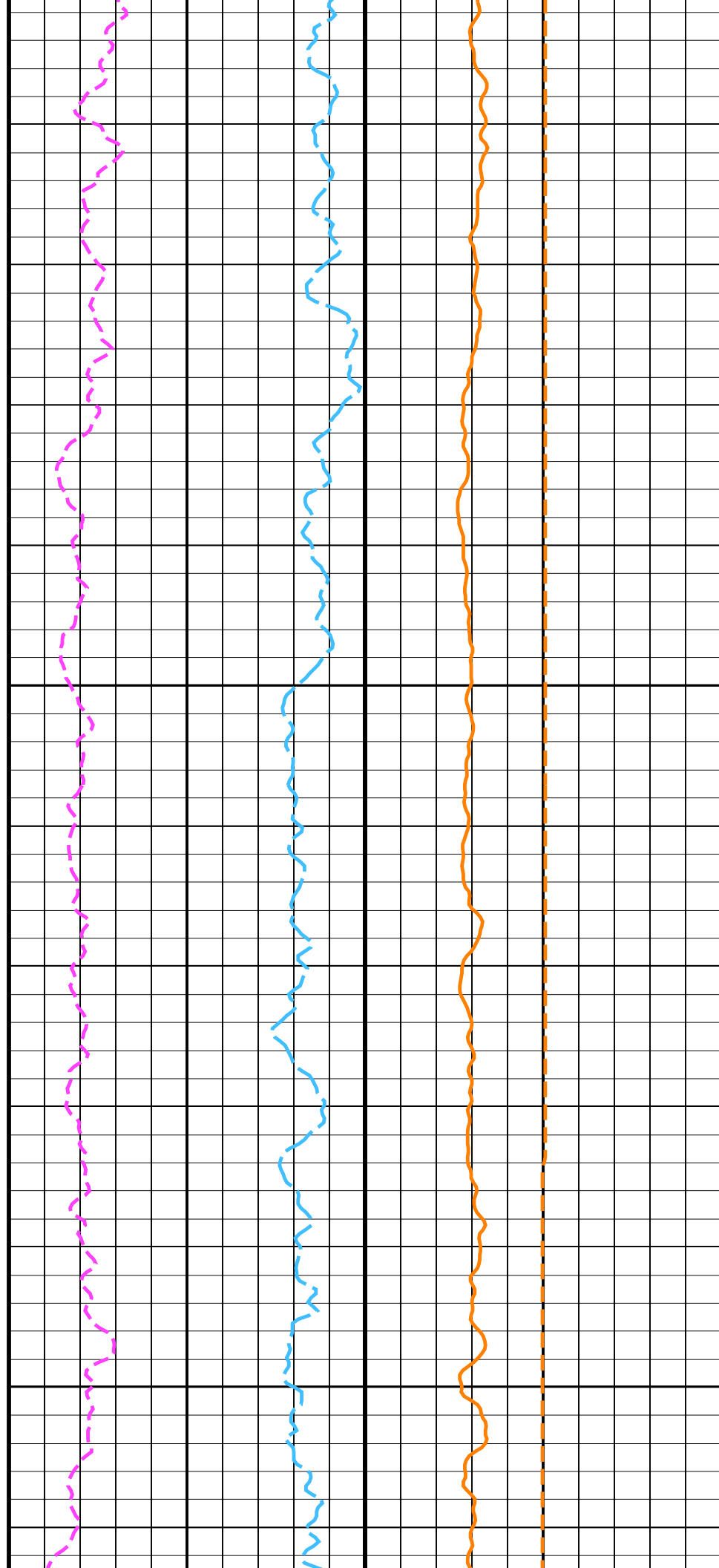


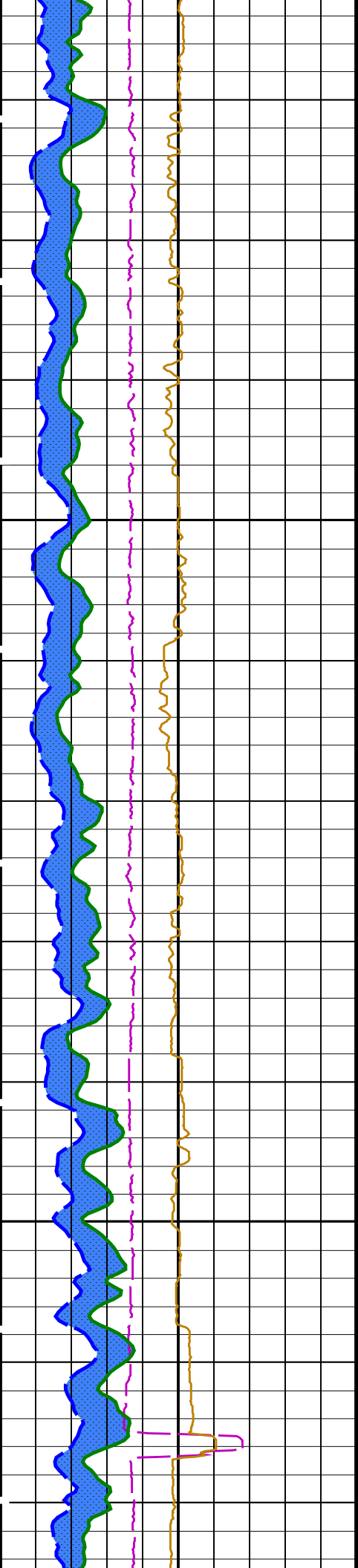




2925

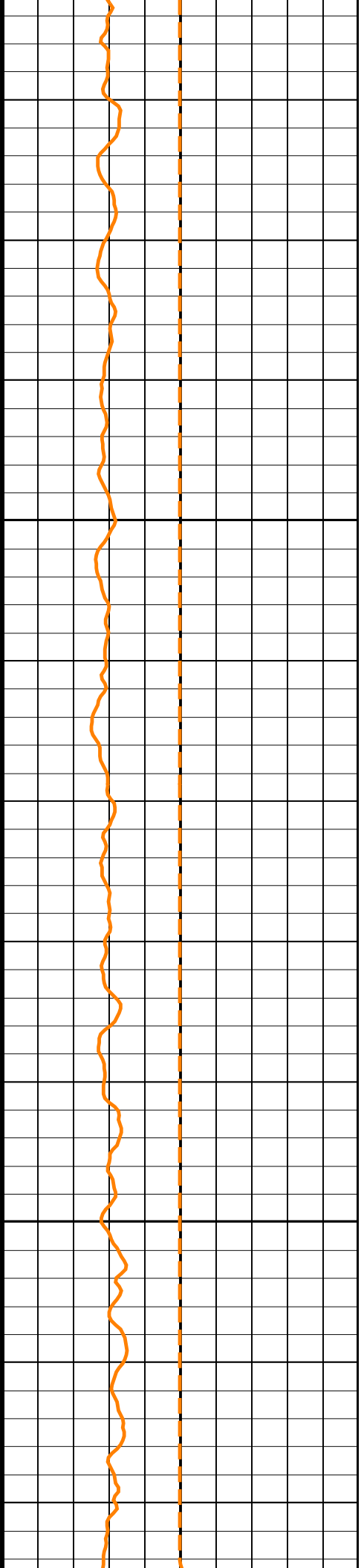
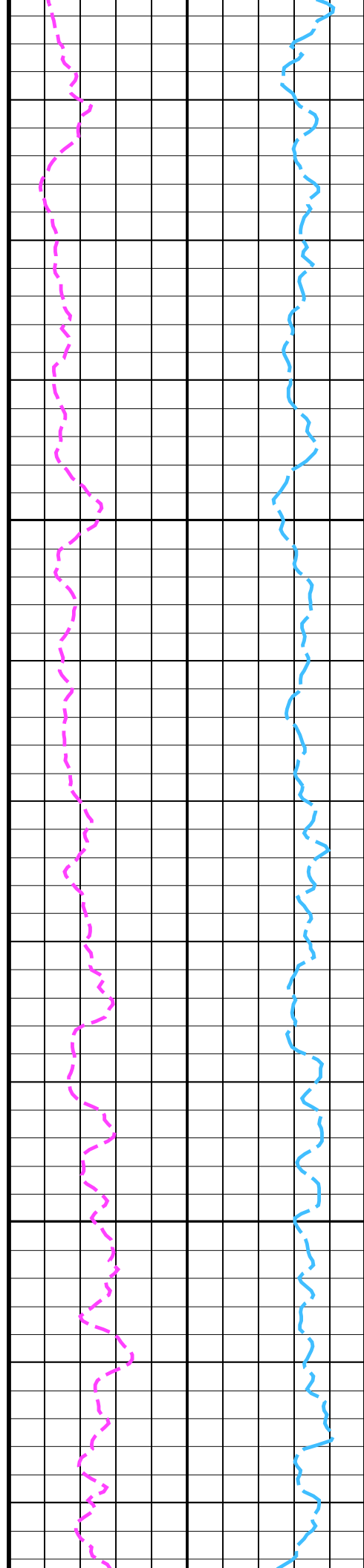
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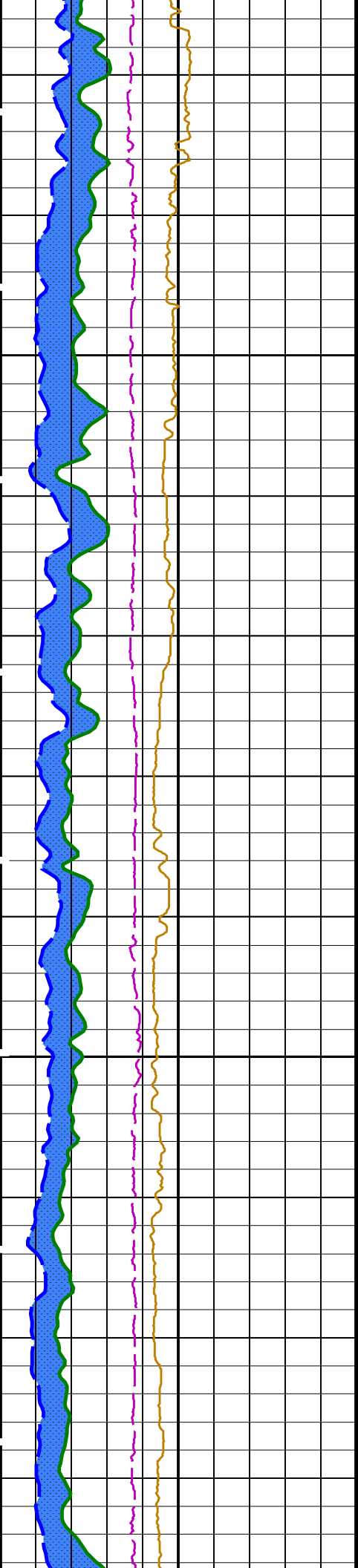




2975

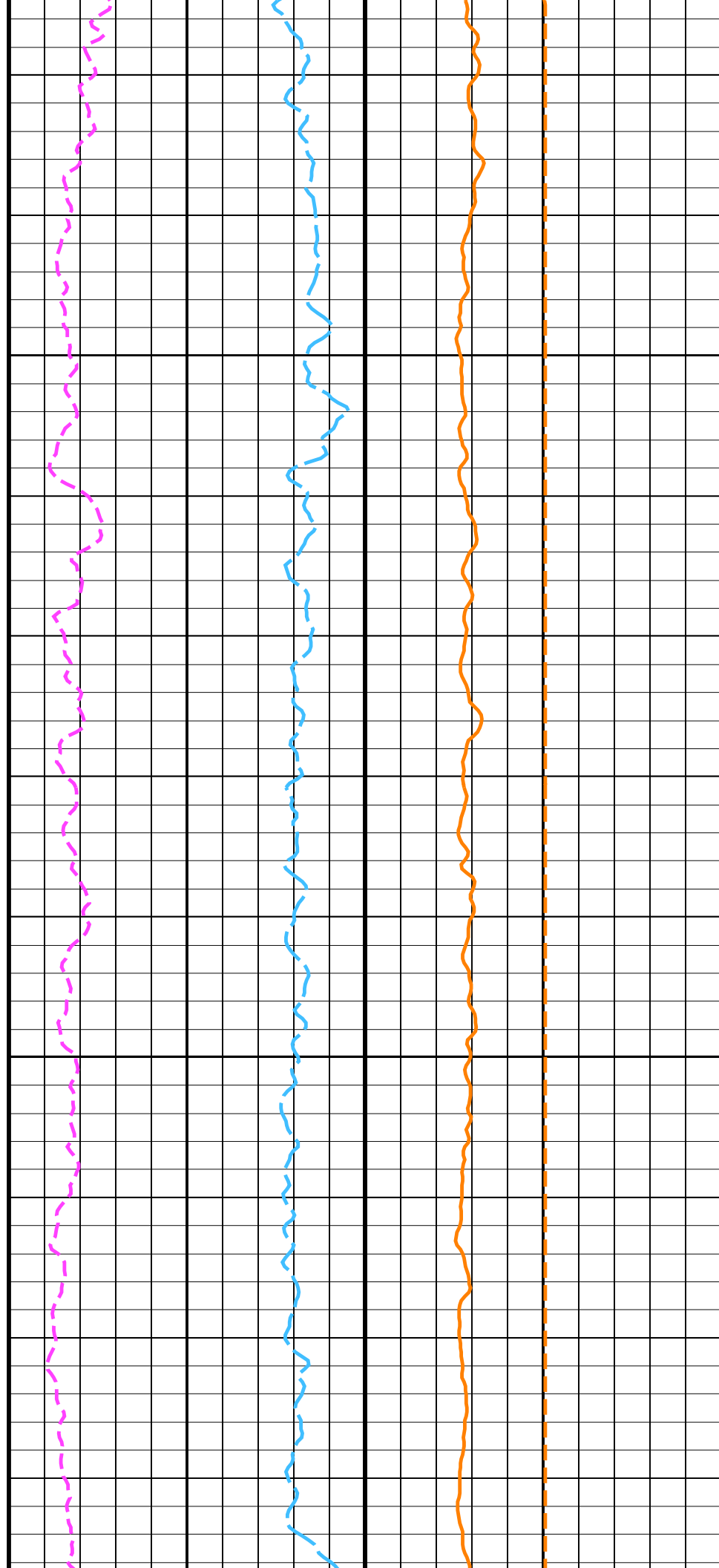
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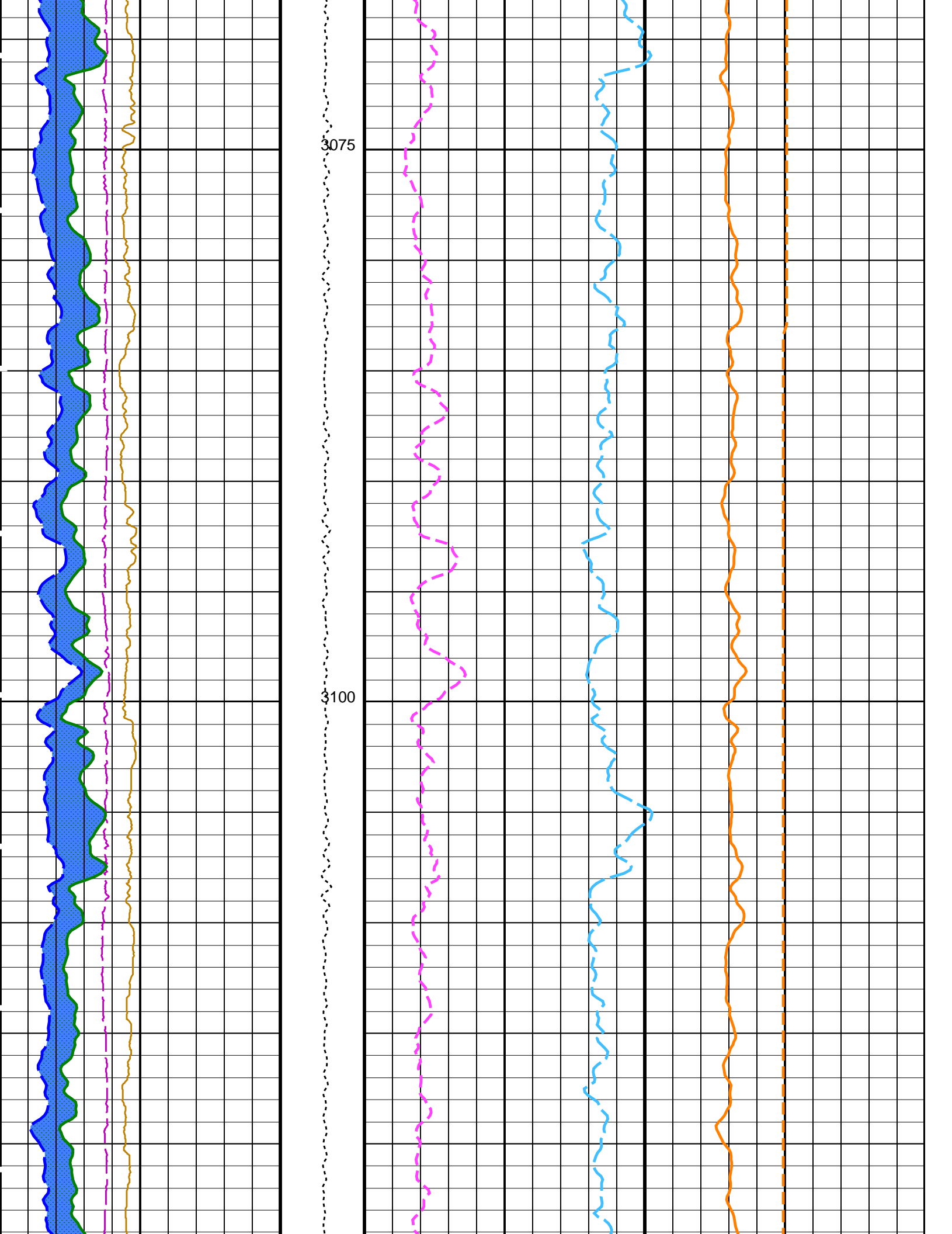


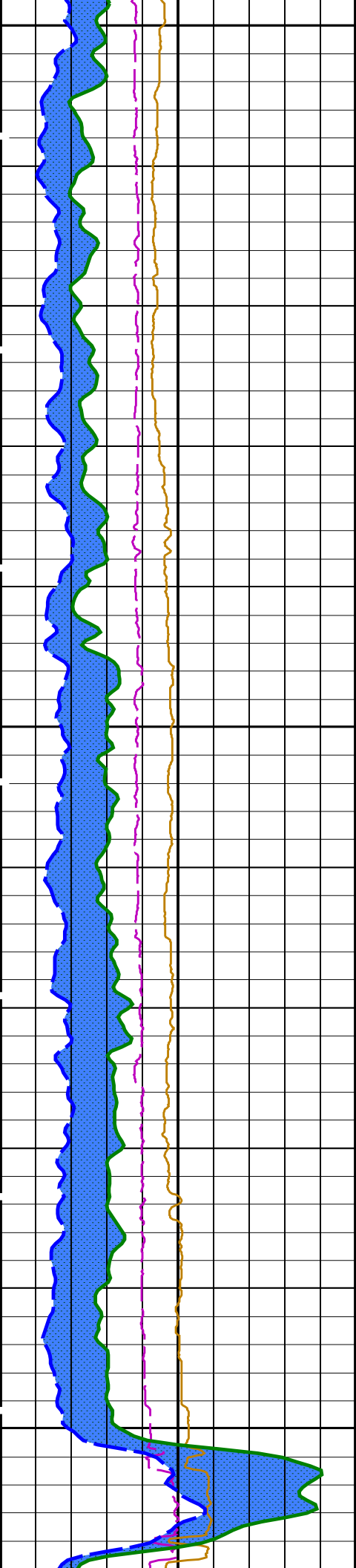


3025

3050



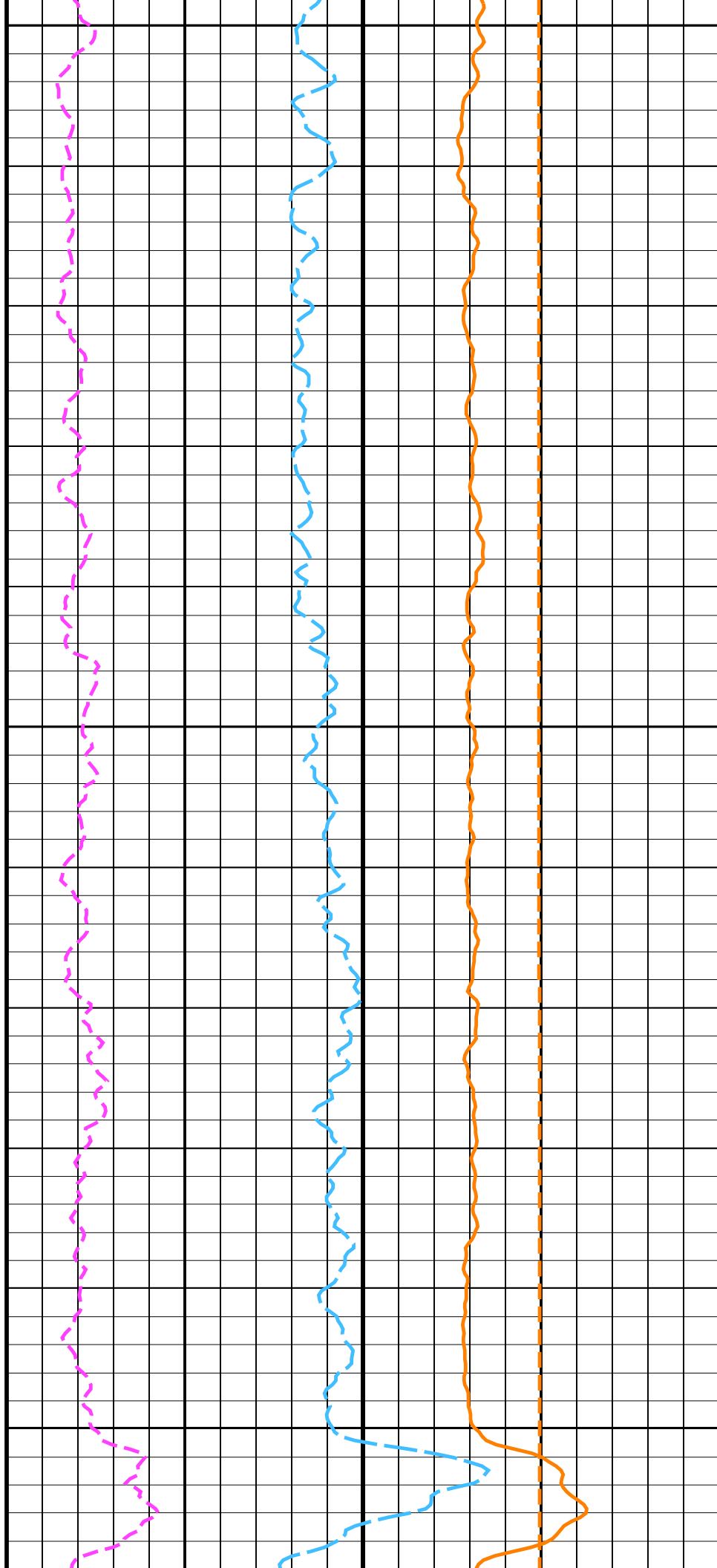


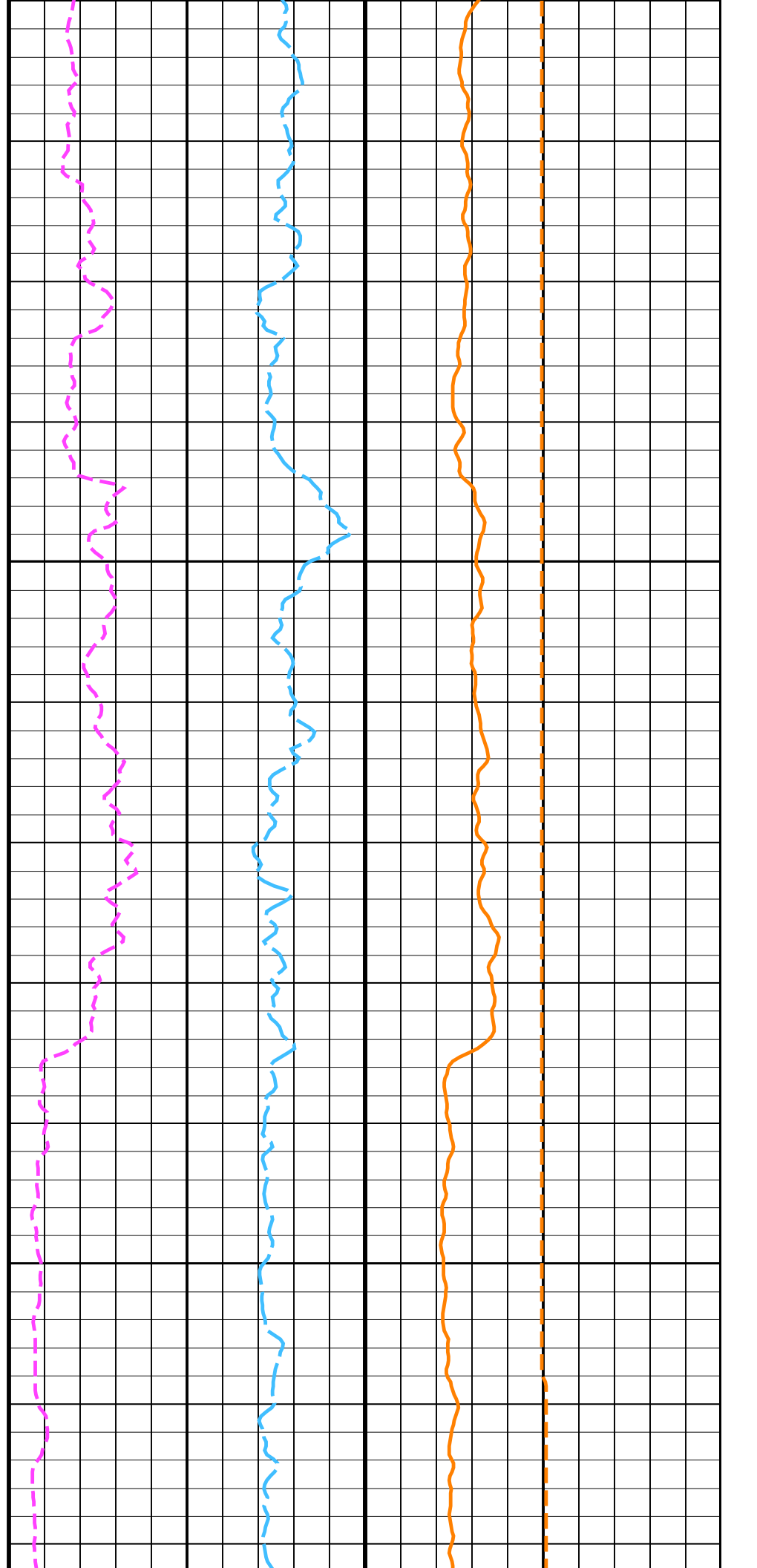
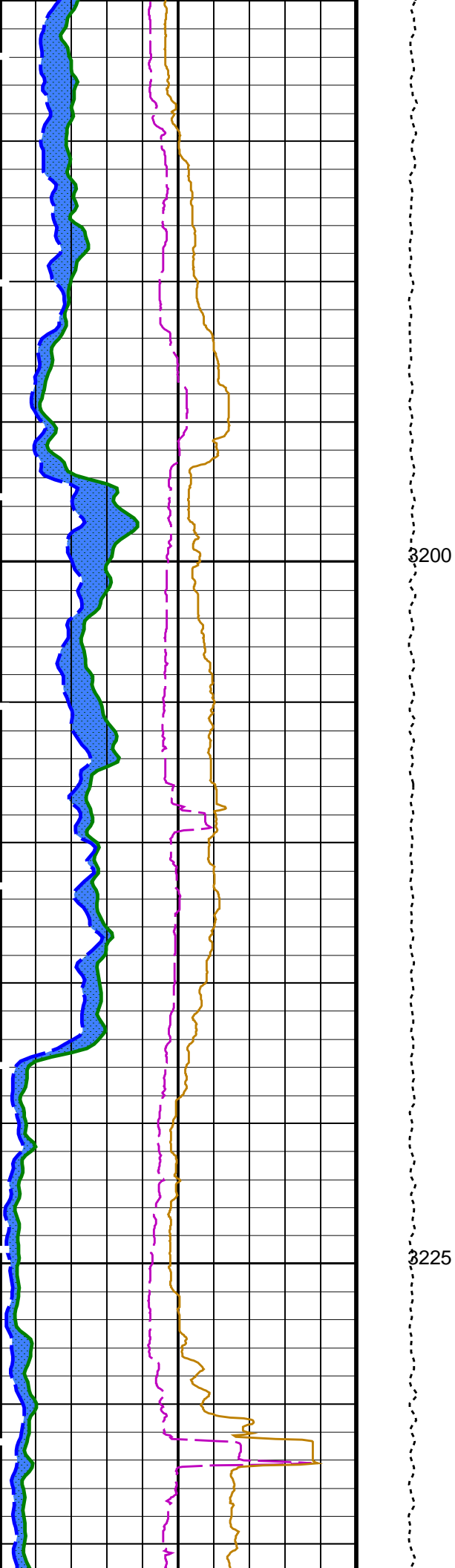


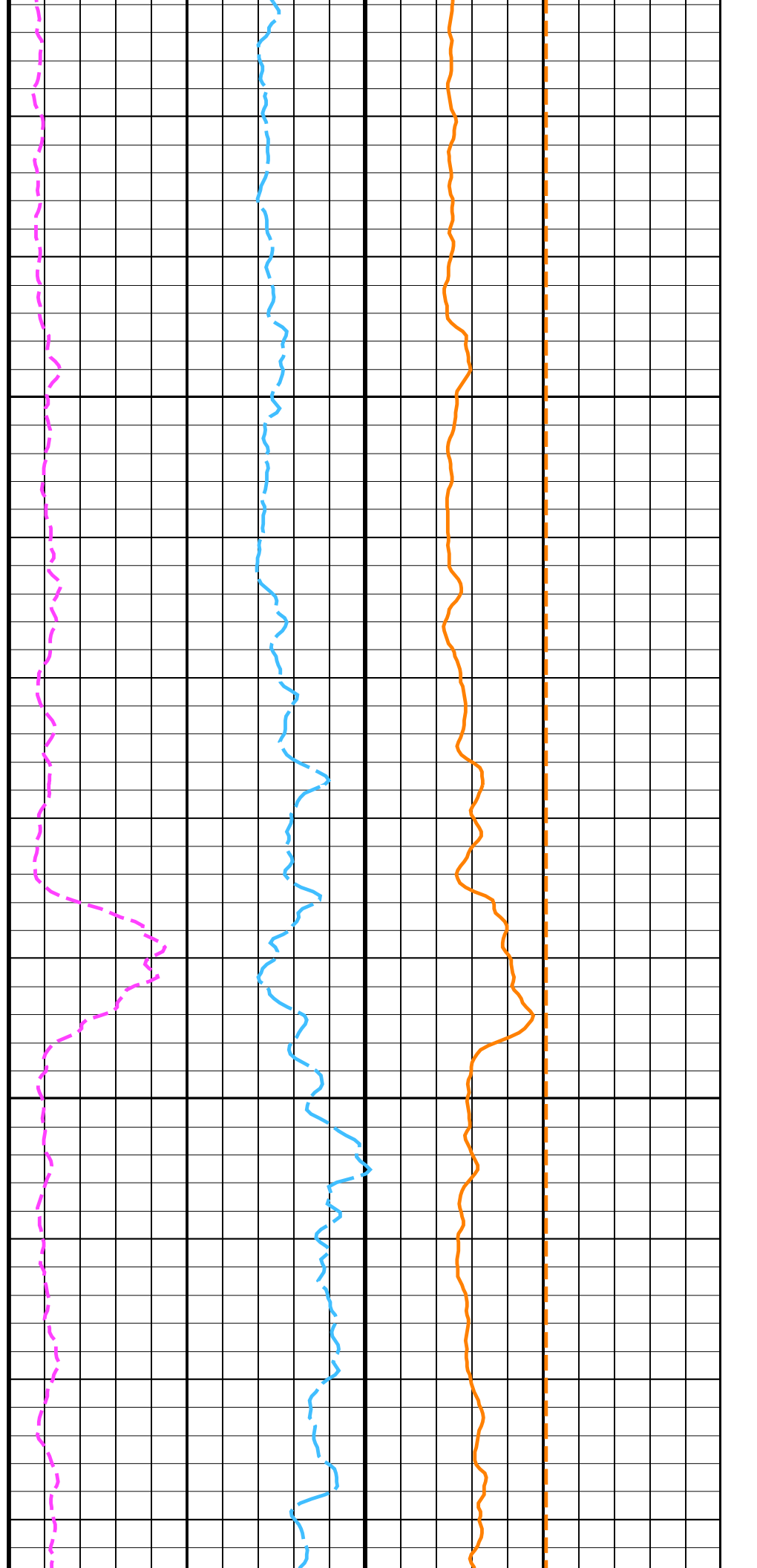
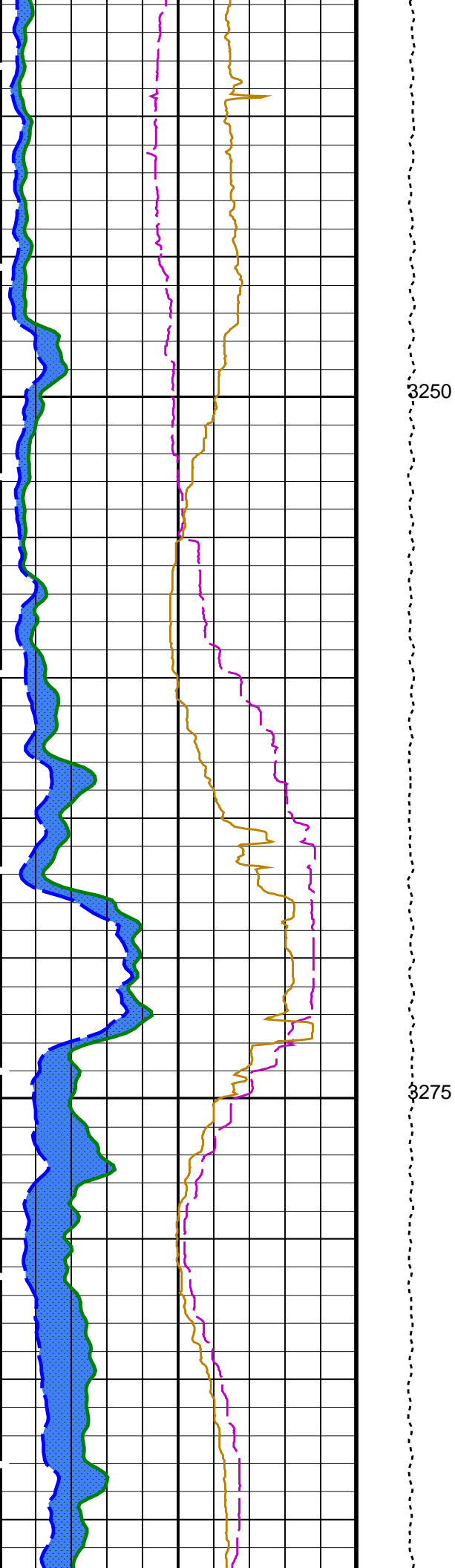
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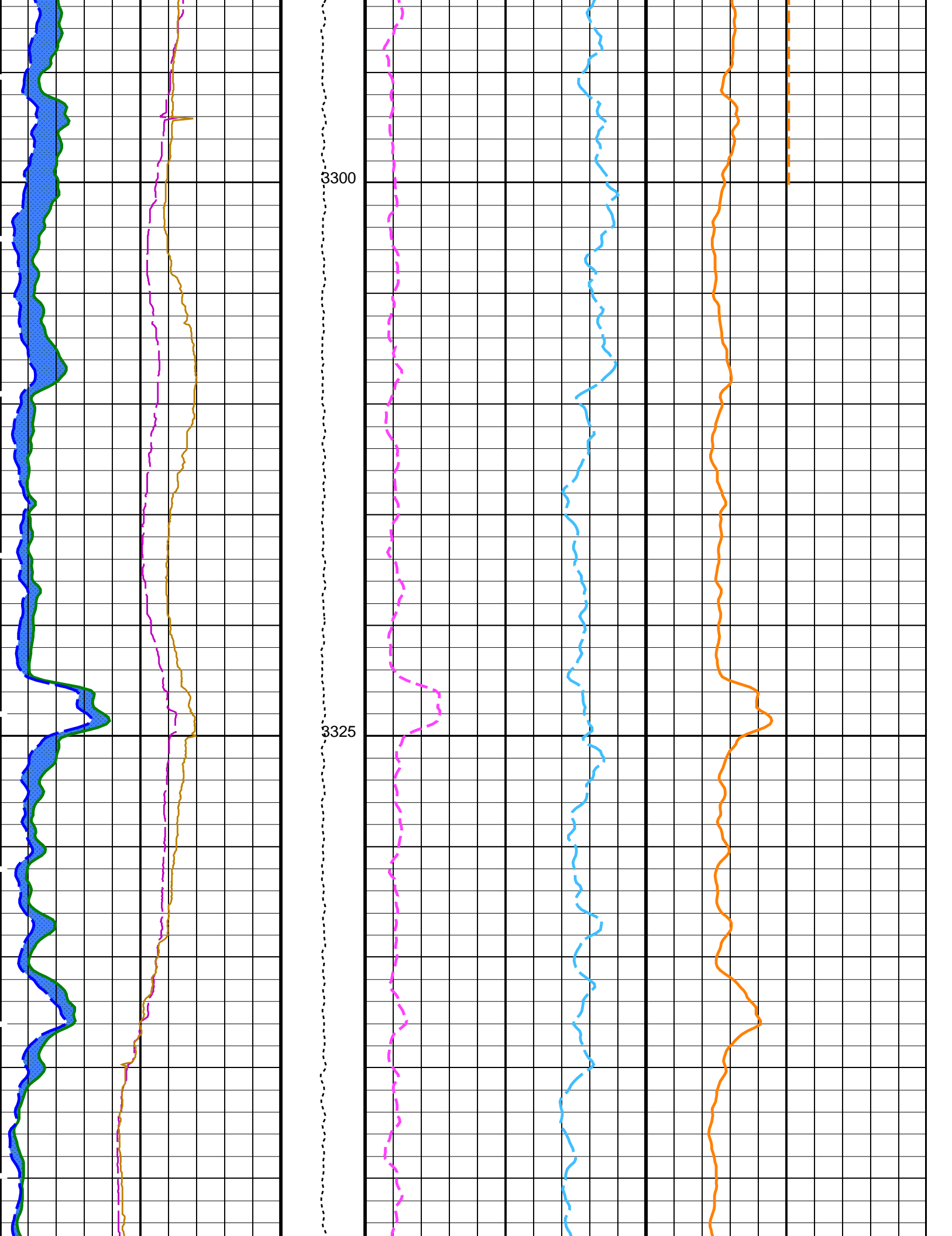
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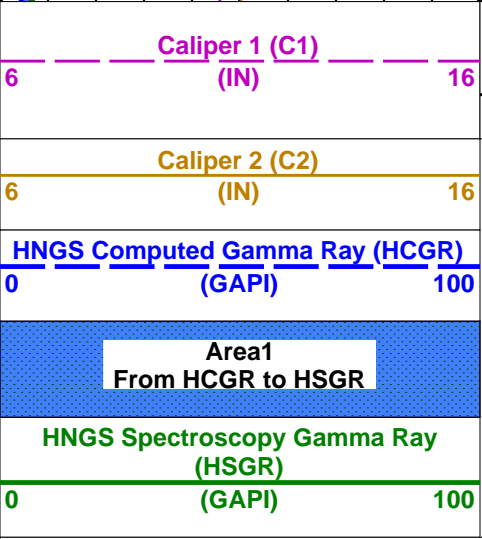
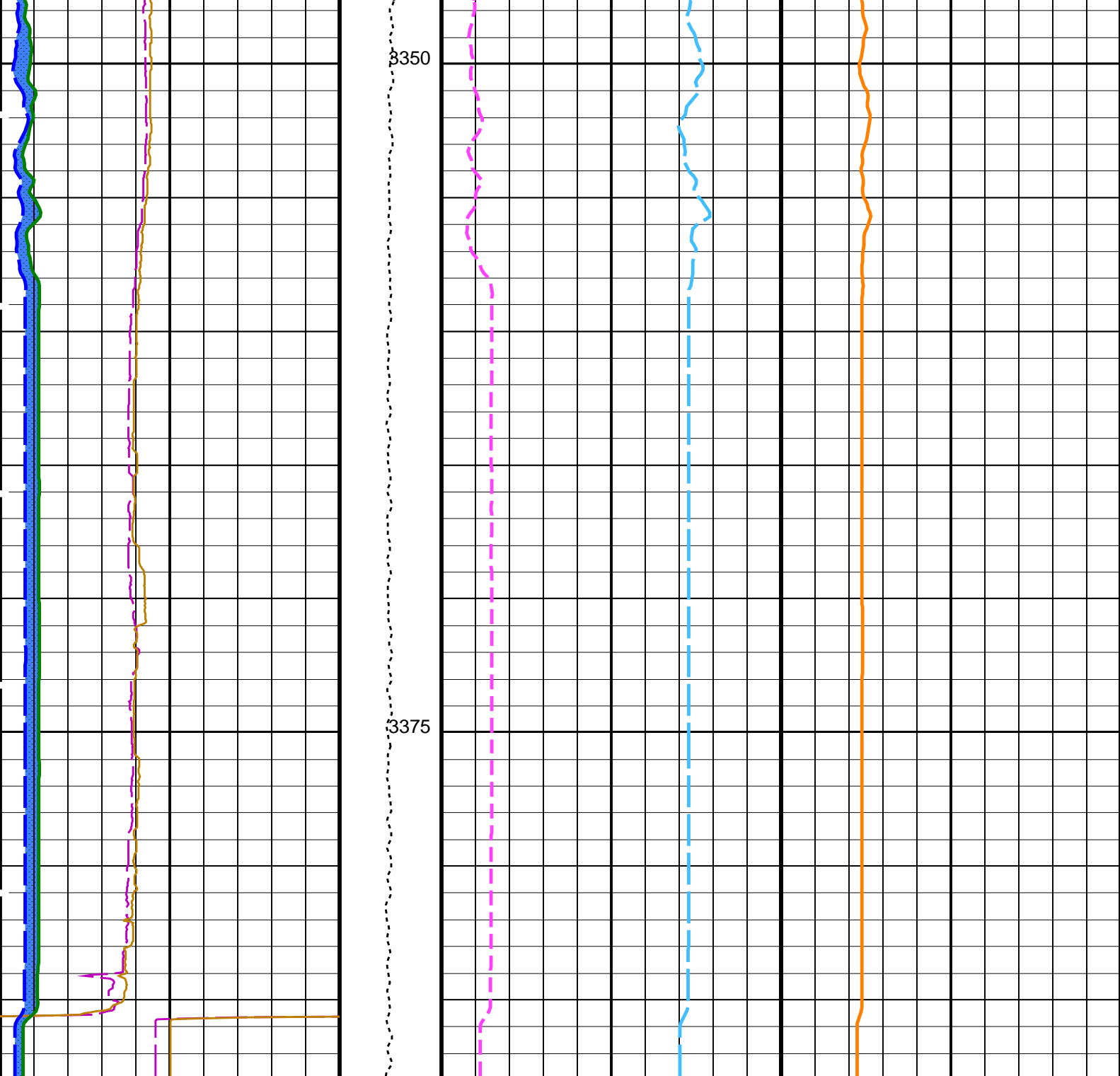
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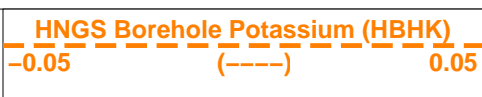
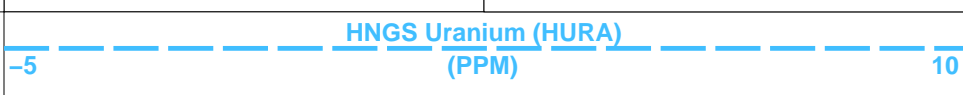
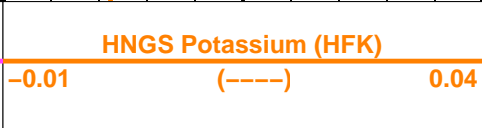
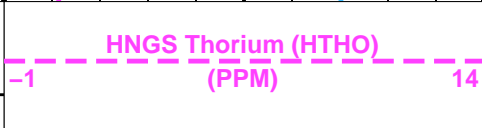








Tension
(TENS)
(LBF)



Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager – B		
BHS	Borehole Status	OPEN
GCSE	Generalized Caliper Selection	C1
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	C1
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNGS Borehole Potassium Running Average	0.000158892
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	0.955181
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.921373
EDTC-B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN
GCSE	Generalized Caliper Selection	C1
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 02:03

OP System Version: 19C0-187

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

Output DLIS Files

DEFAULT	FMS_DSI_NGS_040LUP	FN:48	PRODUCER	10-Aug-2023 02:03
RTB	FMS_DSI_NGS_040LUP	FN:49	PRODUCER	10-Aug-2023 02:03

Company: International Ocean Discovery Program

Well: Expedition 395, Site U1564F

Output DLIS Files

DEFAULT	FMS_DSI_NGS_040LUP	FN:48	PRODUCER	10-Aug-2023 02:03	3387.9 M	2747.8 M
RTB	FMS_DSI_NGS_040LUP	FN:49	PRODUCER	10-Aug-2023 02:03	3387.9 M	2747.8 M

OP System Version: 19C0-187

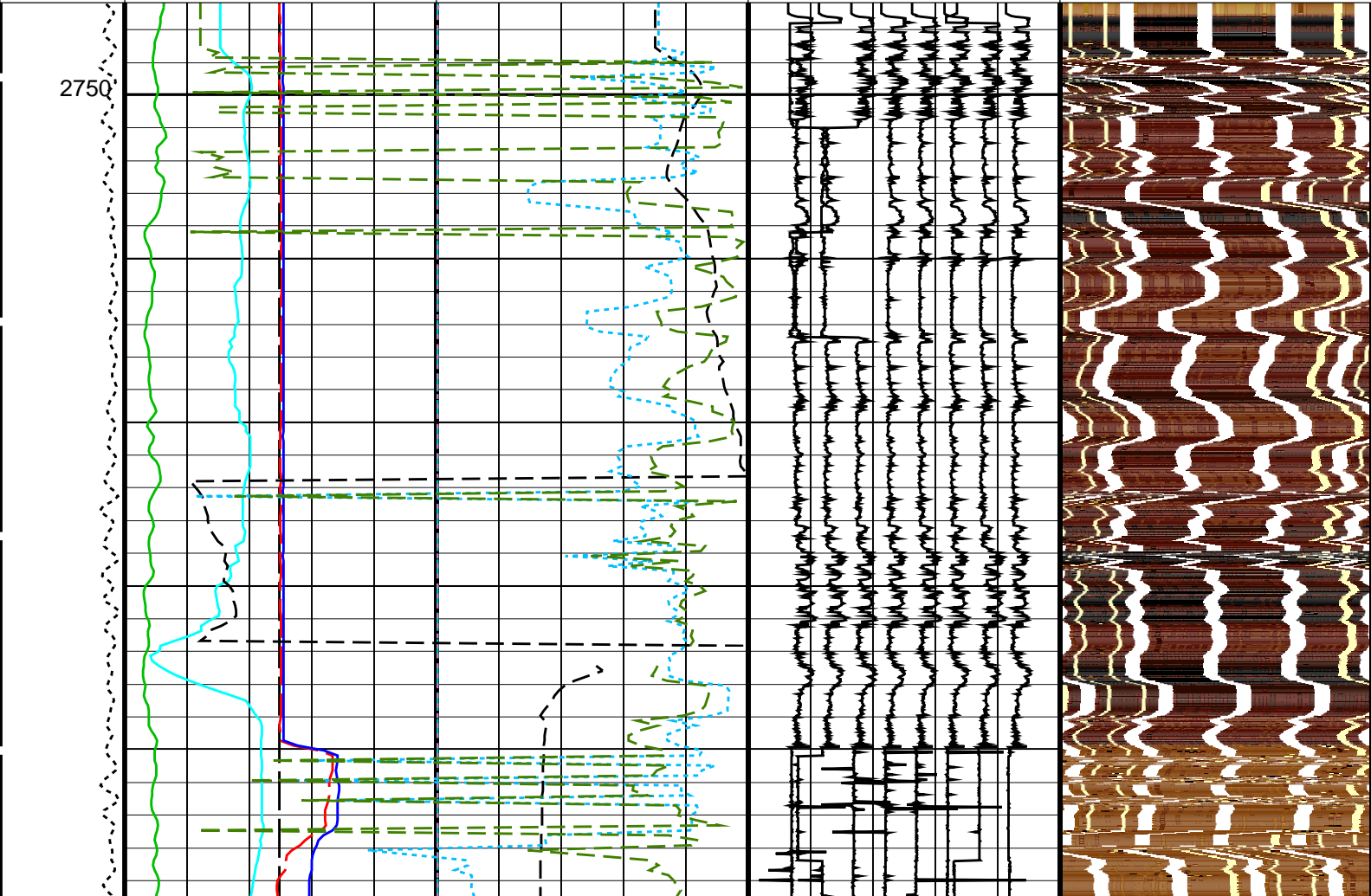
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S

Relative Bearing (RB_MEST) -40 (DEG) 360		Data Button 8 – Varies with RBS (U-MEST_RB8) -80 (----) 20
Red One Azimuth (R1A7_MEST)		Data Button 7 – Varies with

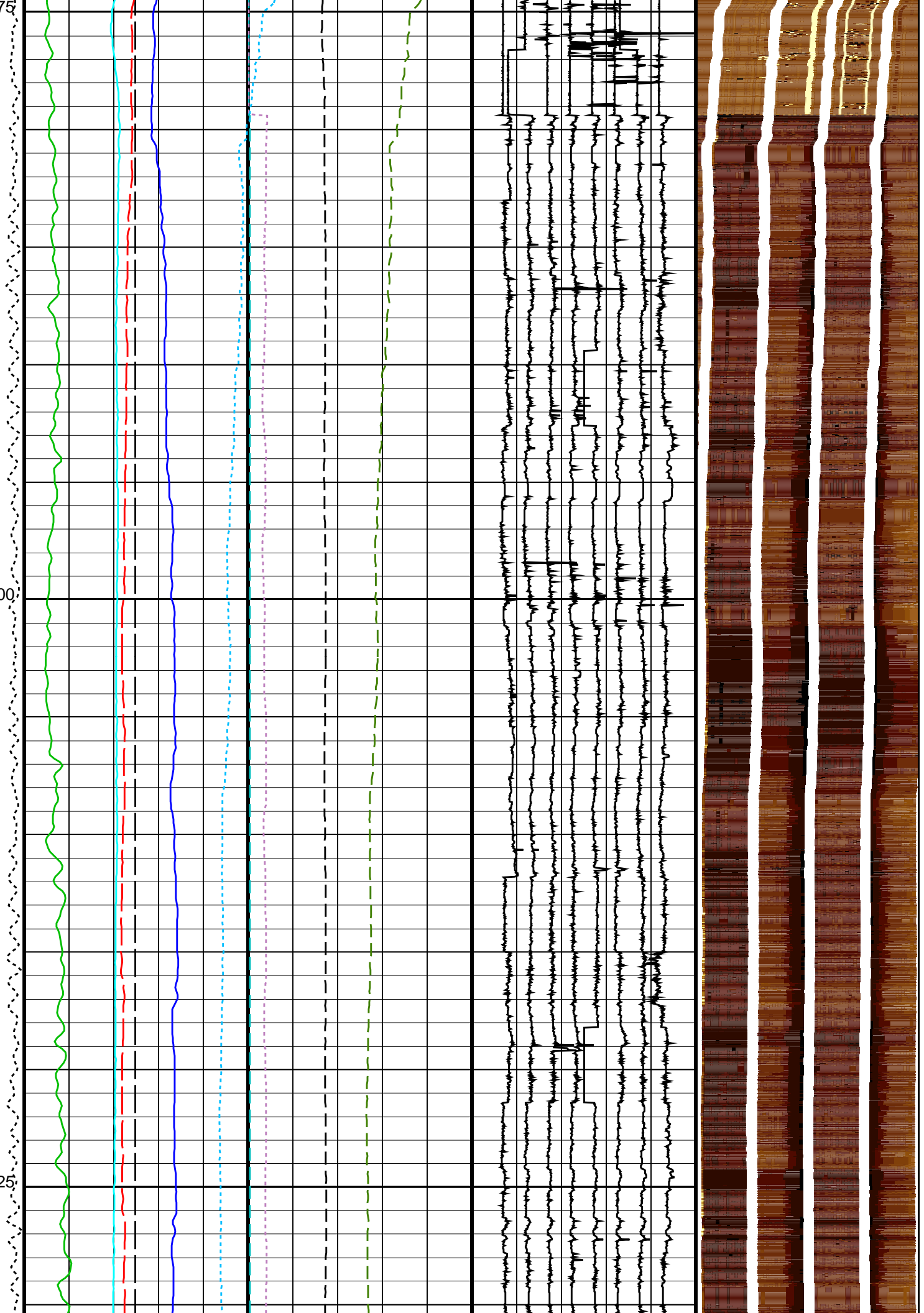
Pad One Azimuth (P1AZ_MEST) (DEG)		RBS (U-MEST_RB7)	
-40	360	-70	30
Hole Azimuth (HAZIM) (DEG)		Data Button 6 – Varies with RBS (U-MEST_RB6)	
-40	360	-60	40
Gamma Ray (GR_EDTC) (GAPI)		Data Button 5 – Varies with RBS (U-MEST_RB5)	
0	150	-50	50
Deviation (DEVIM) (DEG)		Data Button 4 – Varies with RBS (U-MEST_RB4)	
0	10	-40	60
Caliper 2 (C2) (IN)		Data Button 3 – Varies with RBS (U-MEST_RB3)	
0	20	-30	70
Caliper 1 (C1) (IN)		Data Button 2 – Varies with RBS (U-MEST_RB2)	
0	20	-20	80
EMEX Intensity (EI) (AMPS)		Data Button 1 – Varies with RBS (U-MEST_RB1)	
0	10	-10	90
Tension (TENS) (LBF)		MEST_PADD (U-MEST_RESISTIVITY_PADD_DS) (----)	
0	5000	MEST_PADC (U-MEST_RESISTIVITY_PADC_DS) (----)	
Bit Size (BS) (IN)		MEST_PADB (U-MEST_RESISTIVITY_PADB_DS) (----)	
0	20	MEST_PADA (U-MEST_RESISTIVITY_PADA_DS) (----)	
EMEX Voltage (EV) (V)			
0	50		



2775

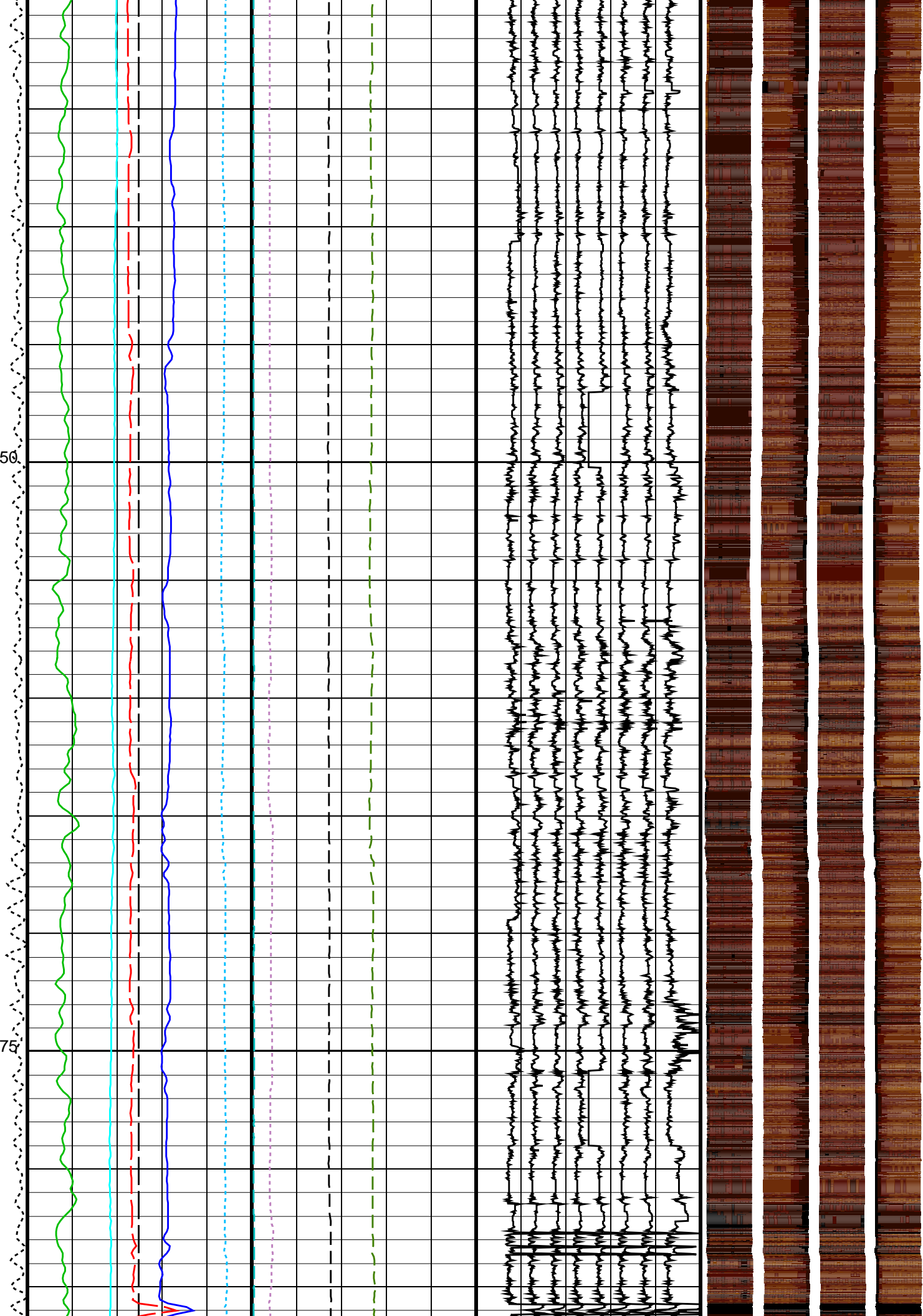
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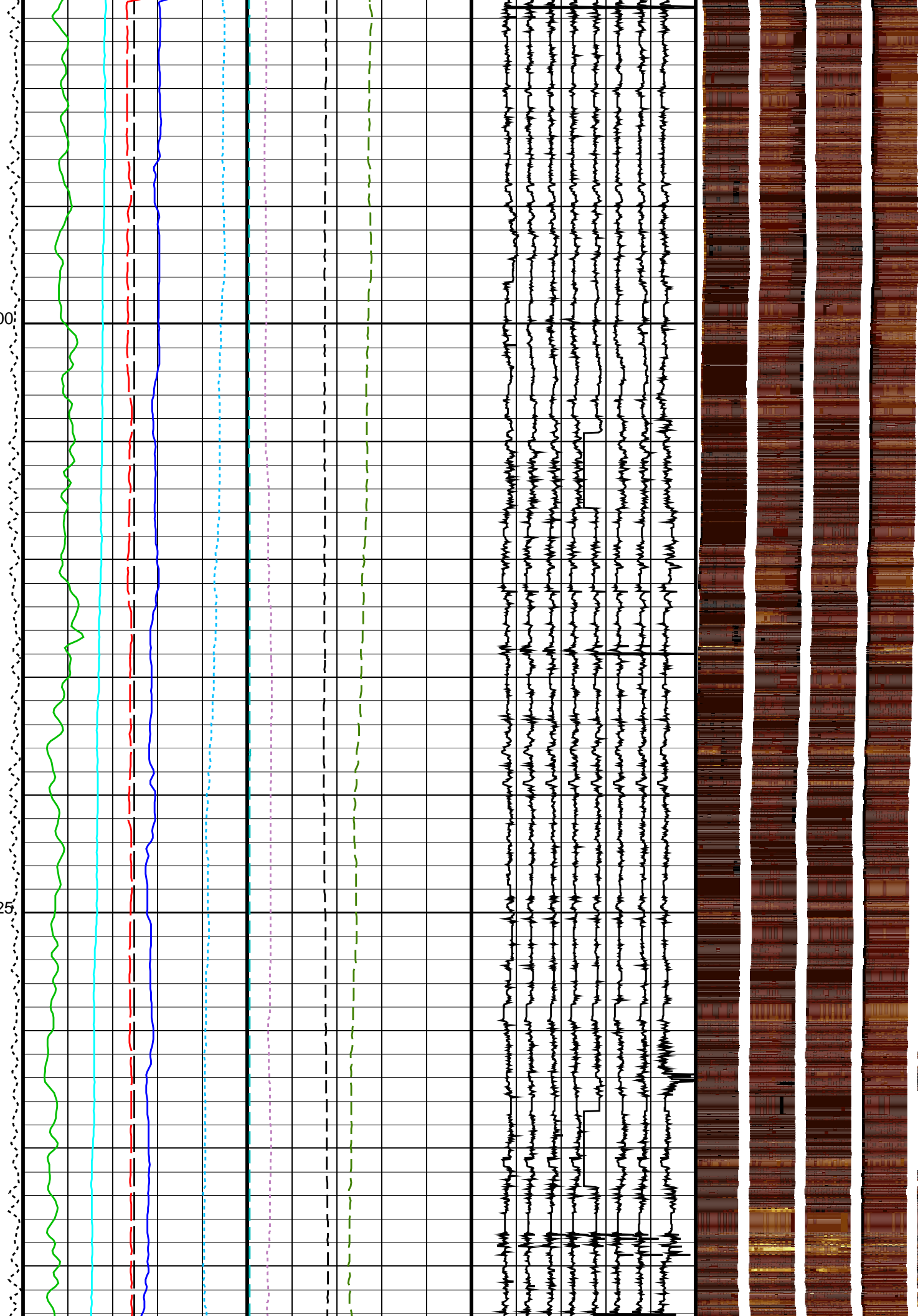
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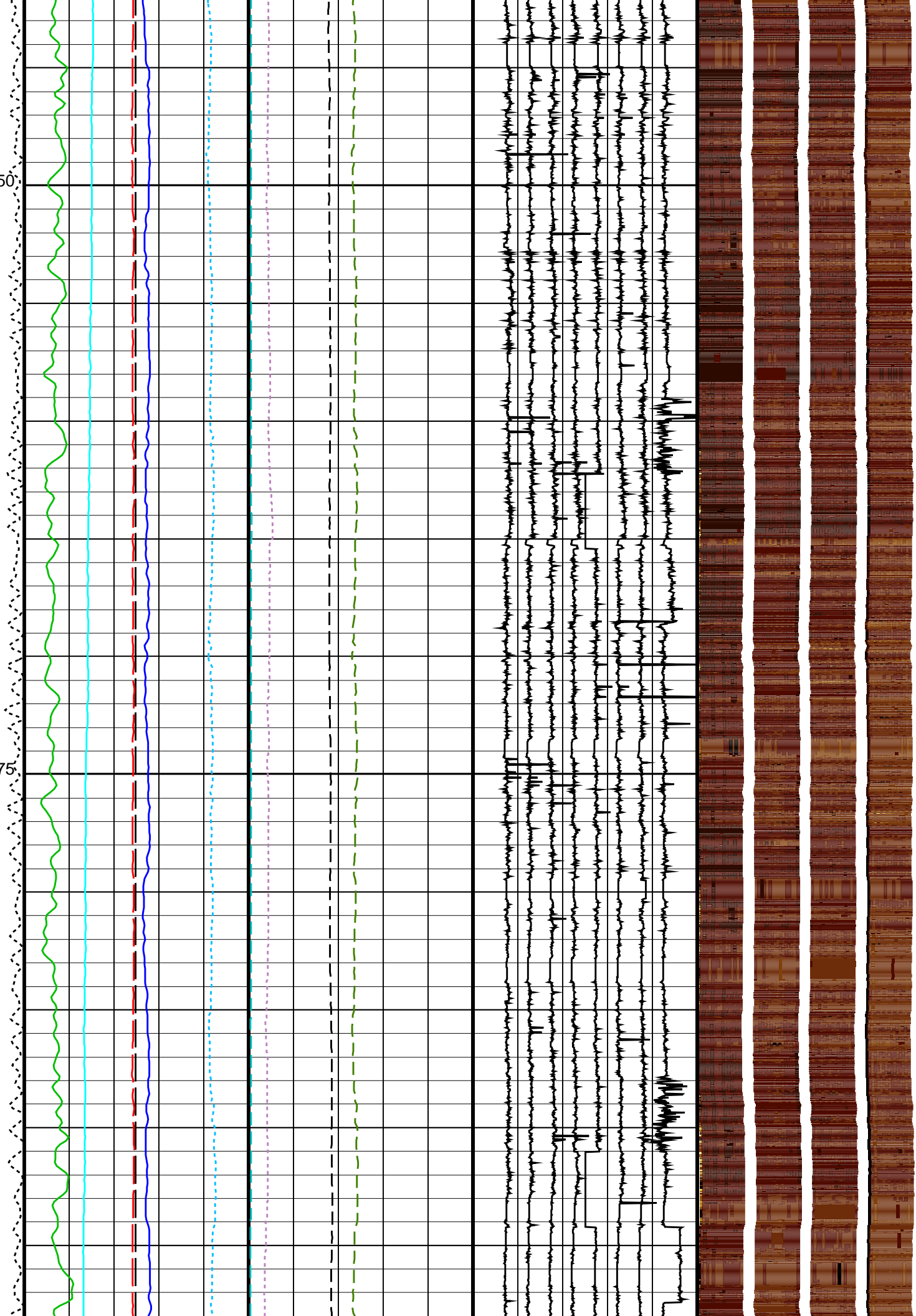
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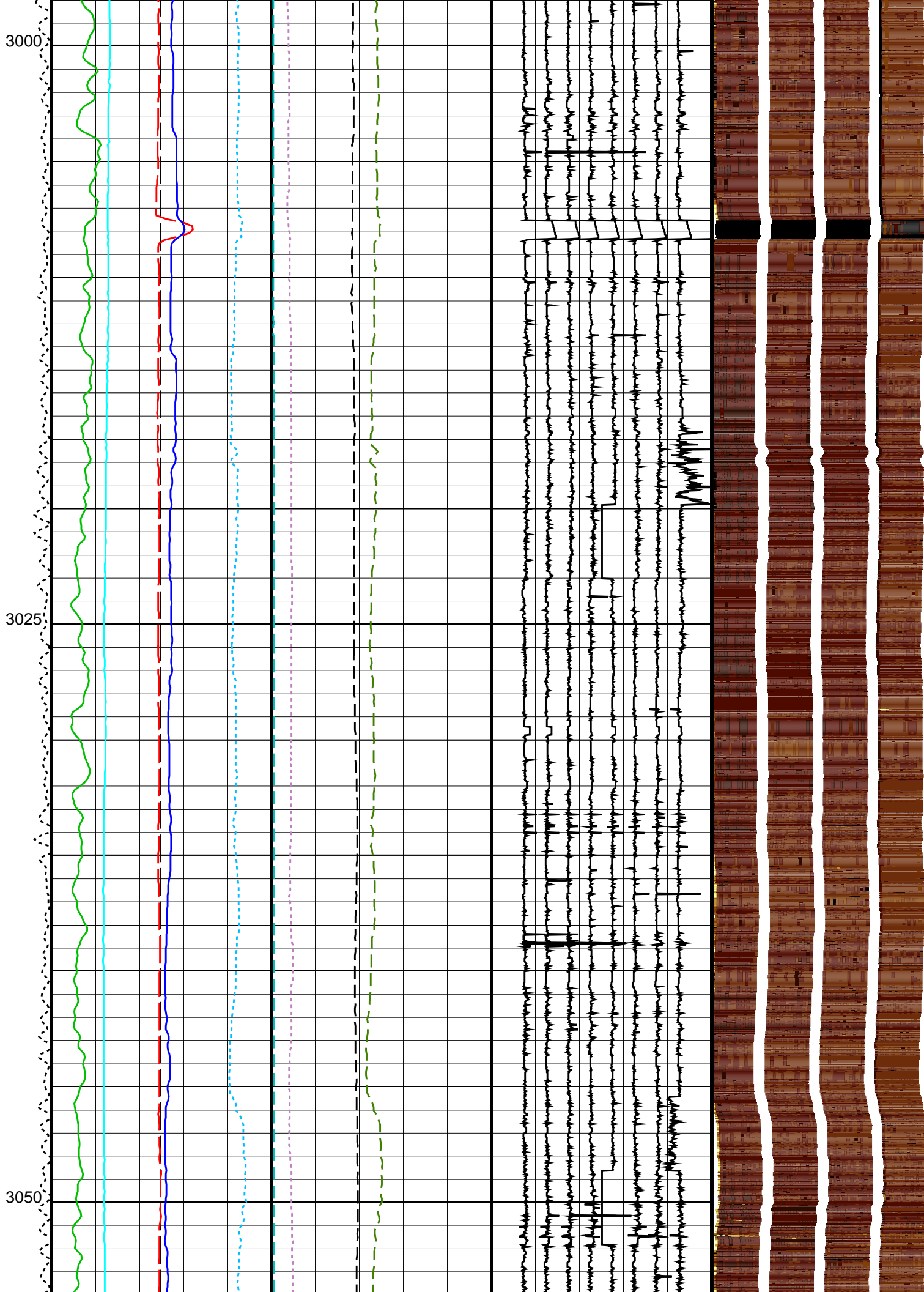
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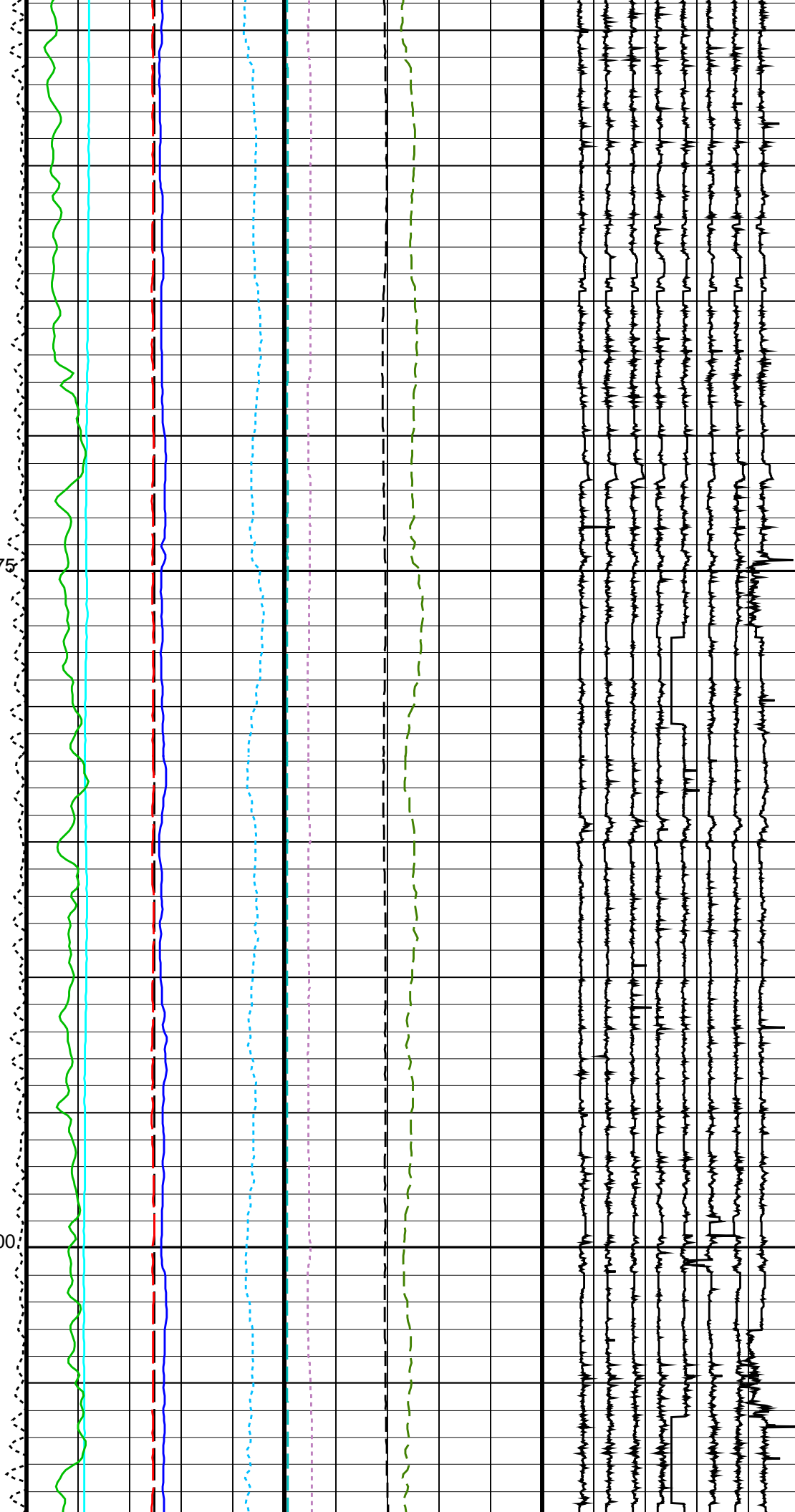
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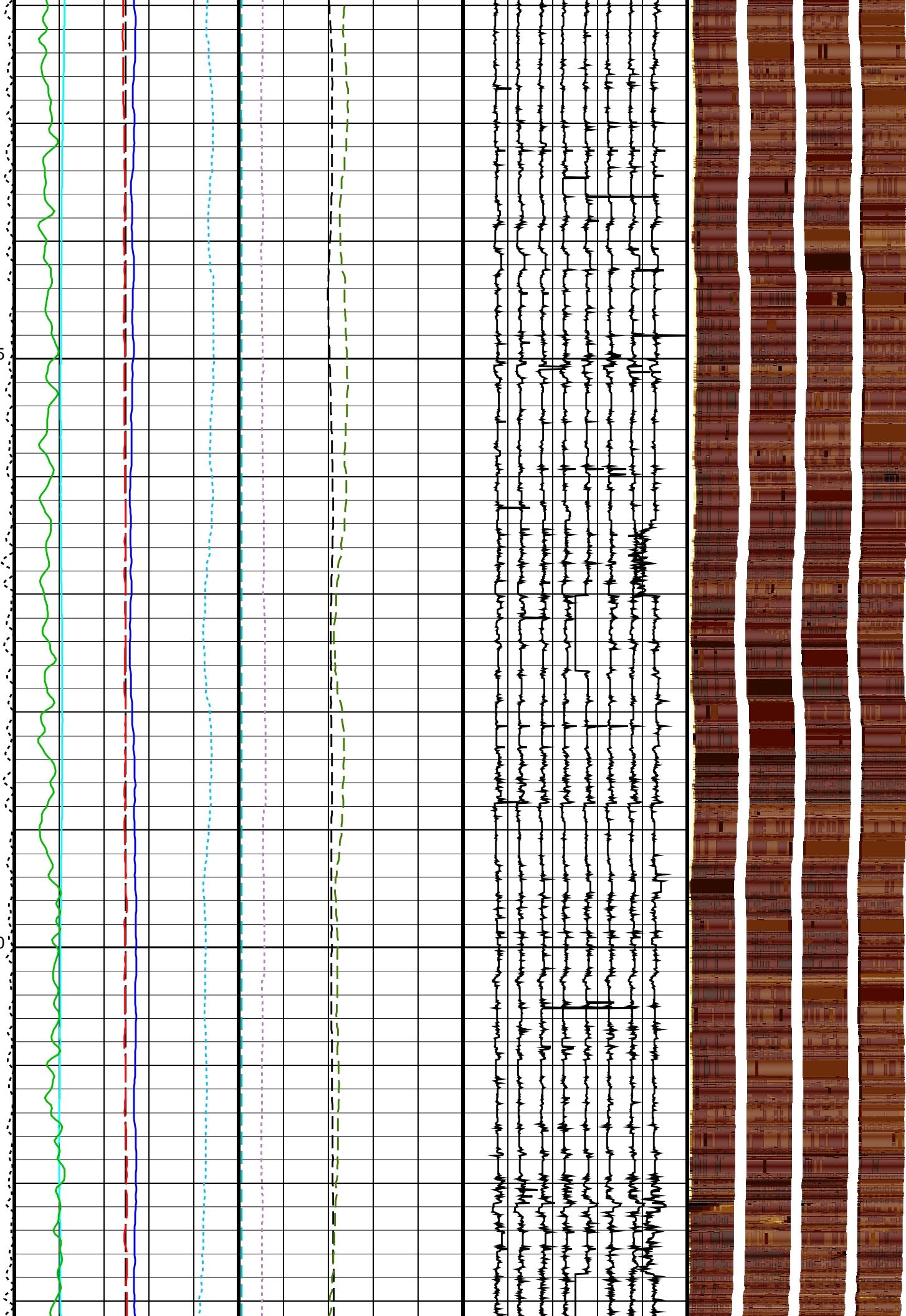
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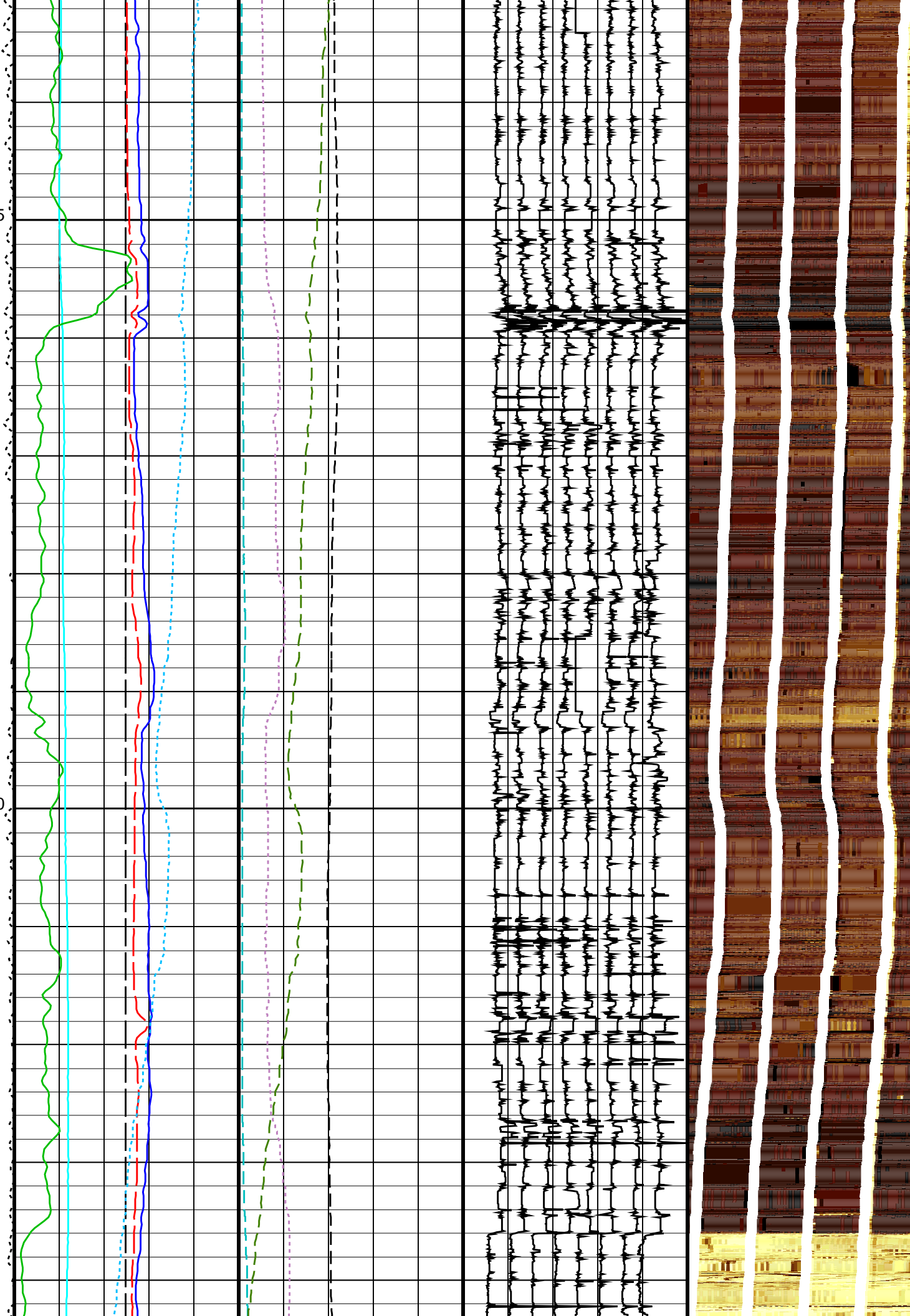
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3175

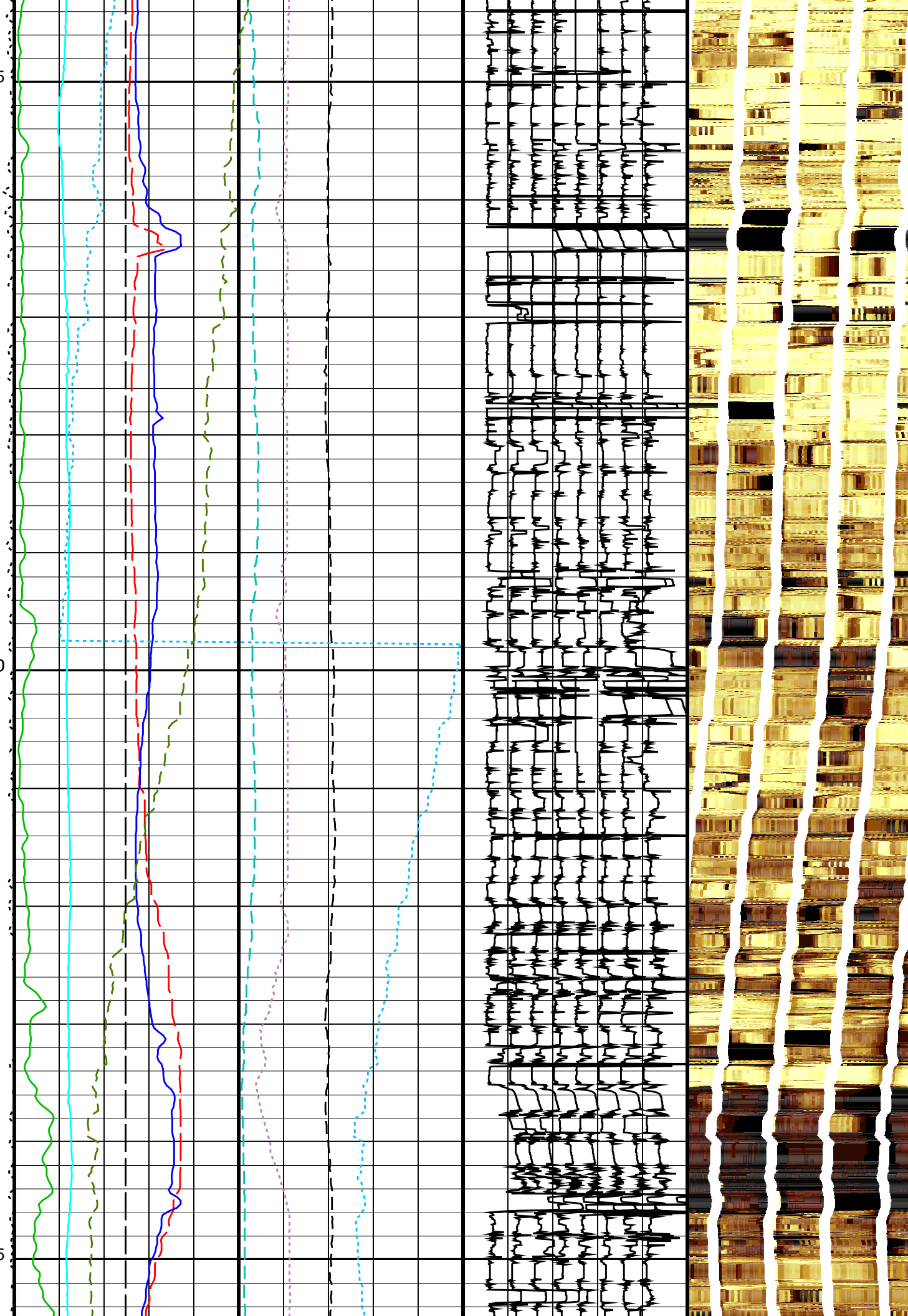
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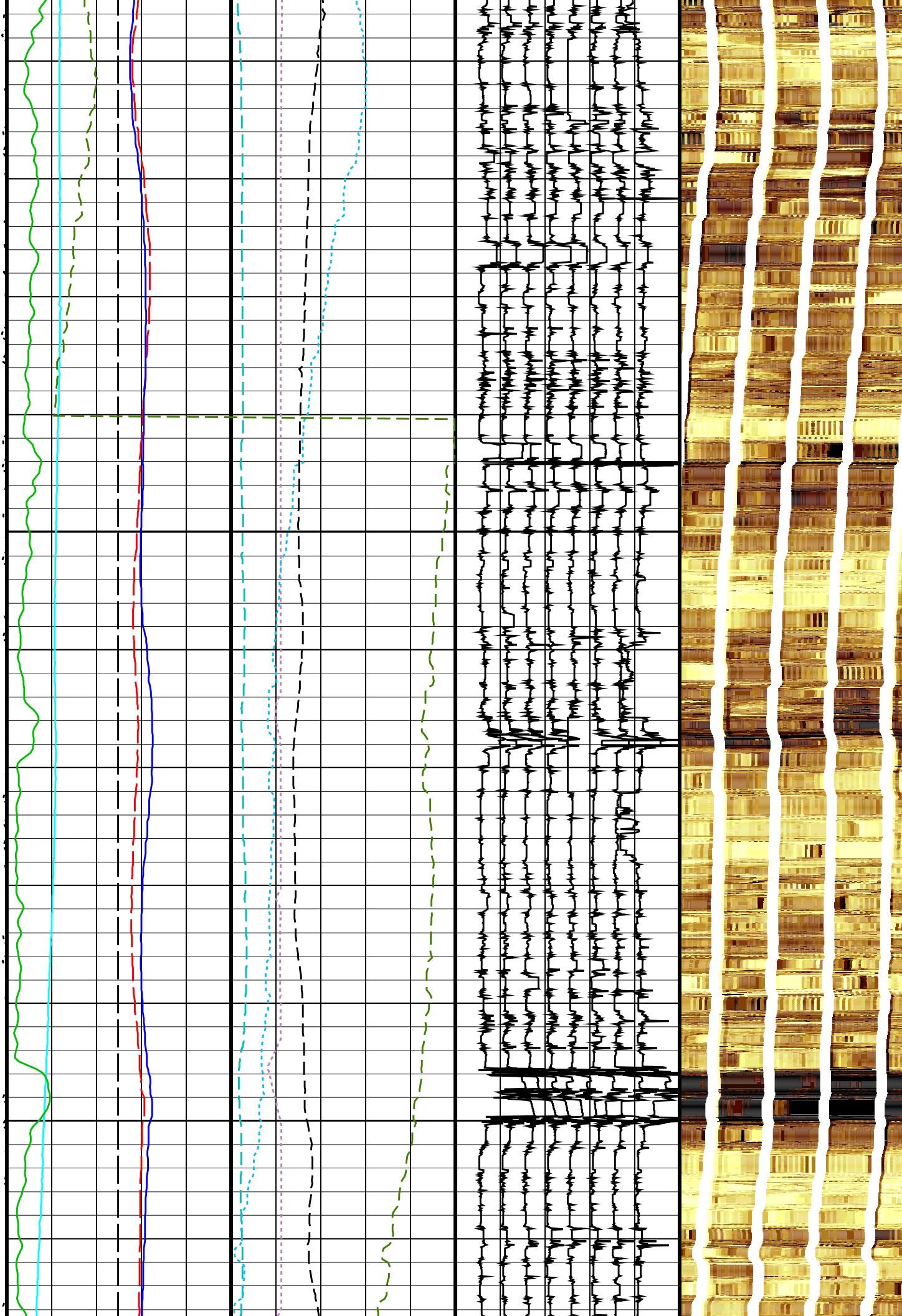
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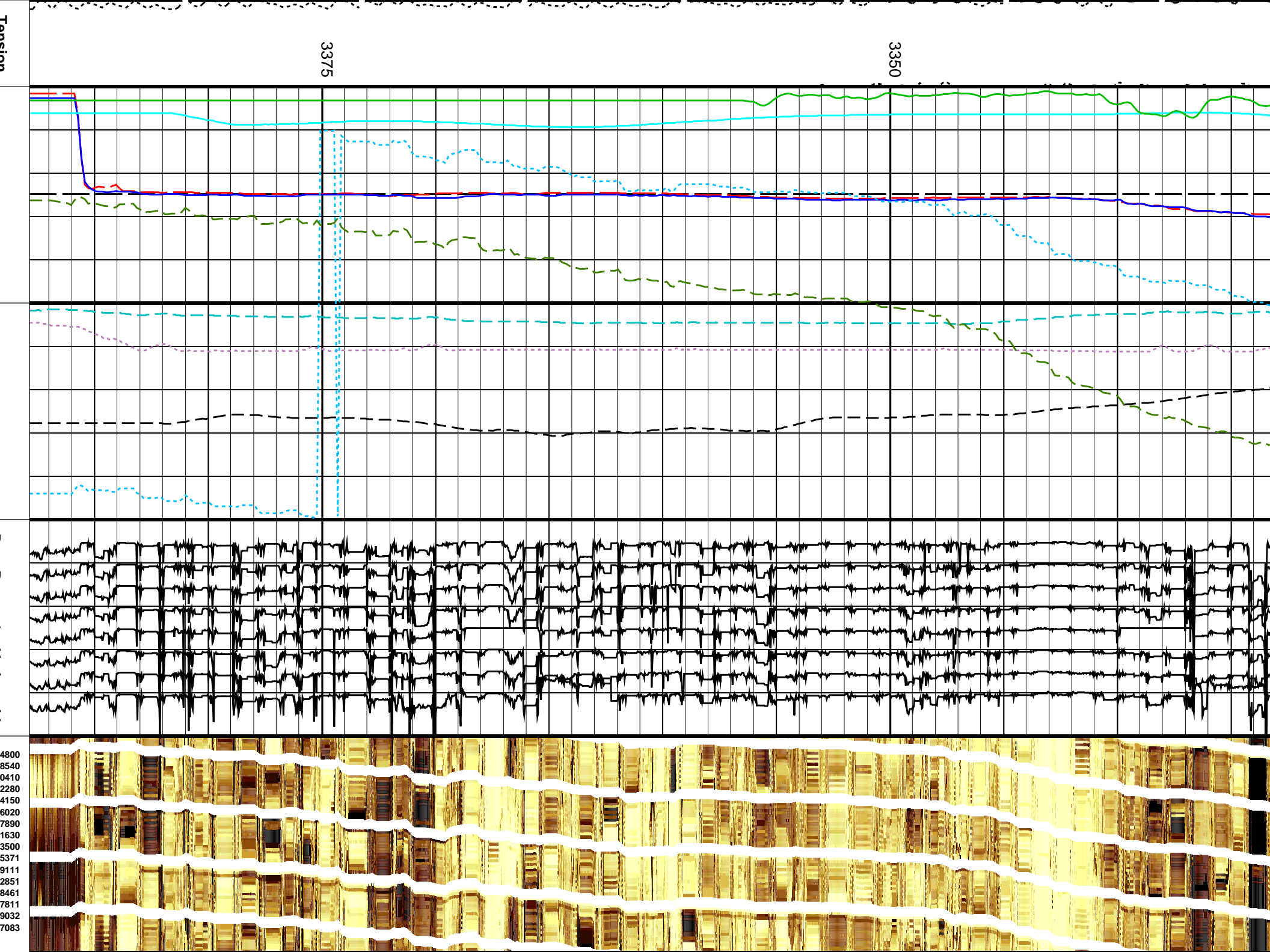
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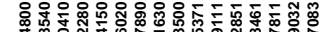
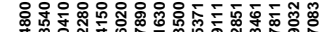
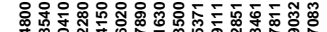


3300

3325





Tension (TENS) (LBF)	Bit Size (BS) (IN)		EMEX Voltage (EV) (V)		Data Button 1 – Varies with RBS (U-MEST_RB1)			MEST_PADA (U-MEST_ RESISTIVITY_PADA_DS) (----)
	0	20	0	50	-10	90		
0	5000							
	Caliper 1 (C1) (IN)		EMEX Intensity (EI) (AMPS)		Data Button 2 – Varies with RBS (U-MEST_RB2)			MEST_PADB (U-MEST_ RESISTIVITY_PADB_DS) (----)
	0	20	0	10	-20	80		
	Caliper 2 (C2) (IN)				Data Button 3 – Varies with RBS (U-MEST_RB3)			MEST_PADC (U-MEST_ RESISTIVITY_PADC_DS) (----)
	0	20			-30	70		
	Deviation (DEVIM) (DEG)				Data Button 4 – Varies with RBS (U-MEST_RB4)			MEST_PADD (U-MEST_ RESISTIVITY_PADD_DS) (----)
	0	10			-40	60		
	Gamma Ray (GR_EDTC) (GAPI)				Data Button 5 – Varies with RBS (U-MEST_RB5)			
	0	150			-50	50		
	Hole Azimuth (HAZIM) (DEG)				Data Button 6 – Varies with RBS (U-MEST_RB6)			
	-40	360			-60	40		
	Pad One Azimuth (P1AZ_MEST) (DEG)				Data Button 7 – Varies with RBS (U-MEST_RB7)			
	-40	360			-70	30		
	Relative Bearing (RB_MEST) (DEG)				Data Button 8 – Varies with RBS (U-MEST_RB8)			
	-40	360			-80	20		

PIP SUMMARY

 Time Mark Every 60 S

Parameters			
DLIS Name	Description	Value	
MEST-B:	Micro Electrical Scanner – B (Slim)		
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE	
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION	
MDEC	Magnetic Field Declination	-10.8417	DEG
MLM	MEST Logging Mode	SCAN1800	
RBS	Resistivity Button Selection	AUTO	
XGAI	Gain	GAIN_2	
XOFF	Offset	OFFSET_0	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Format: MEST_C_WRAP_BY_P1AZ Vertical Scale: 1:200 Graphics File Created: 10-Aug-2023 02:03

OP System Version: 19C0-187			
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files			
DEFAULT	FMS_DSI_NGS_040LUP	FN:48	PRODUCER 10-Aug-2023 02:03
RTB	FMS_DSI_NGS_040LUP	FN:49	PRODUCER 10-Aug-2023 02:03

Output DLIS Files

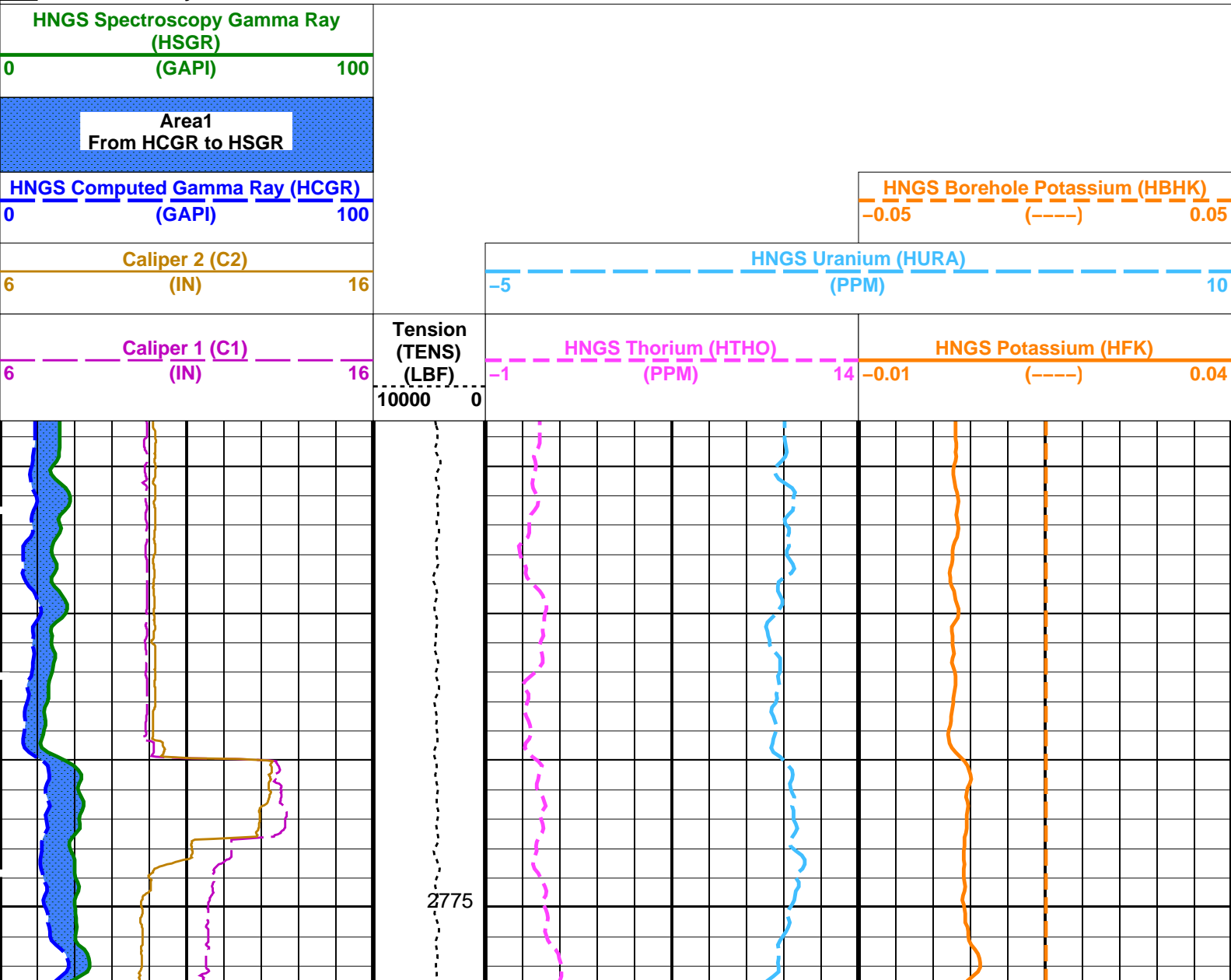
DEFAULT	FMS_DSI_NGS_039LUP	FN:46	PRODUCER	09-Aug-2023 23:35	3387.9 M	2758.4 M
RTB	FMS_DSI_NGS_039LUP	FN:47	PRODUCER	09-Aug-2023 23:35	3387.9 M	2758.4 M

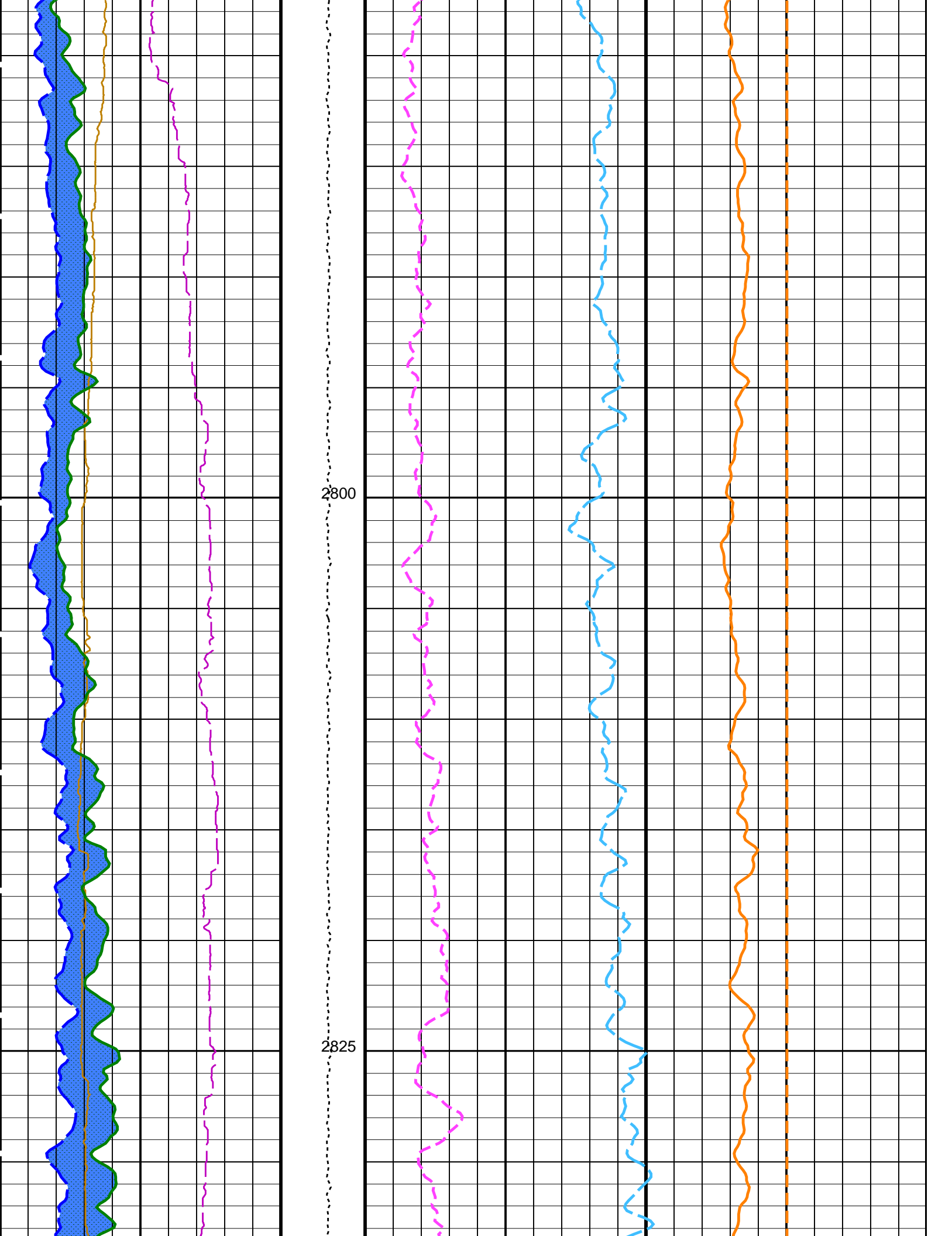
OP System Version: 19C0-187

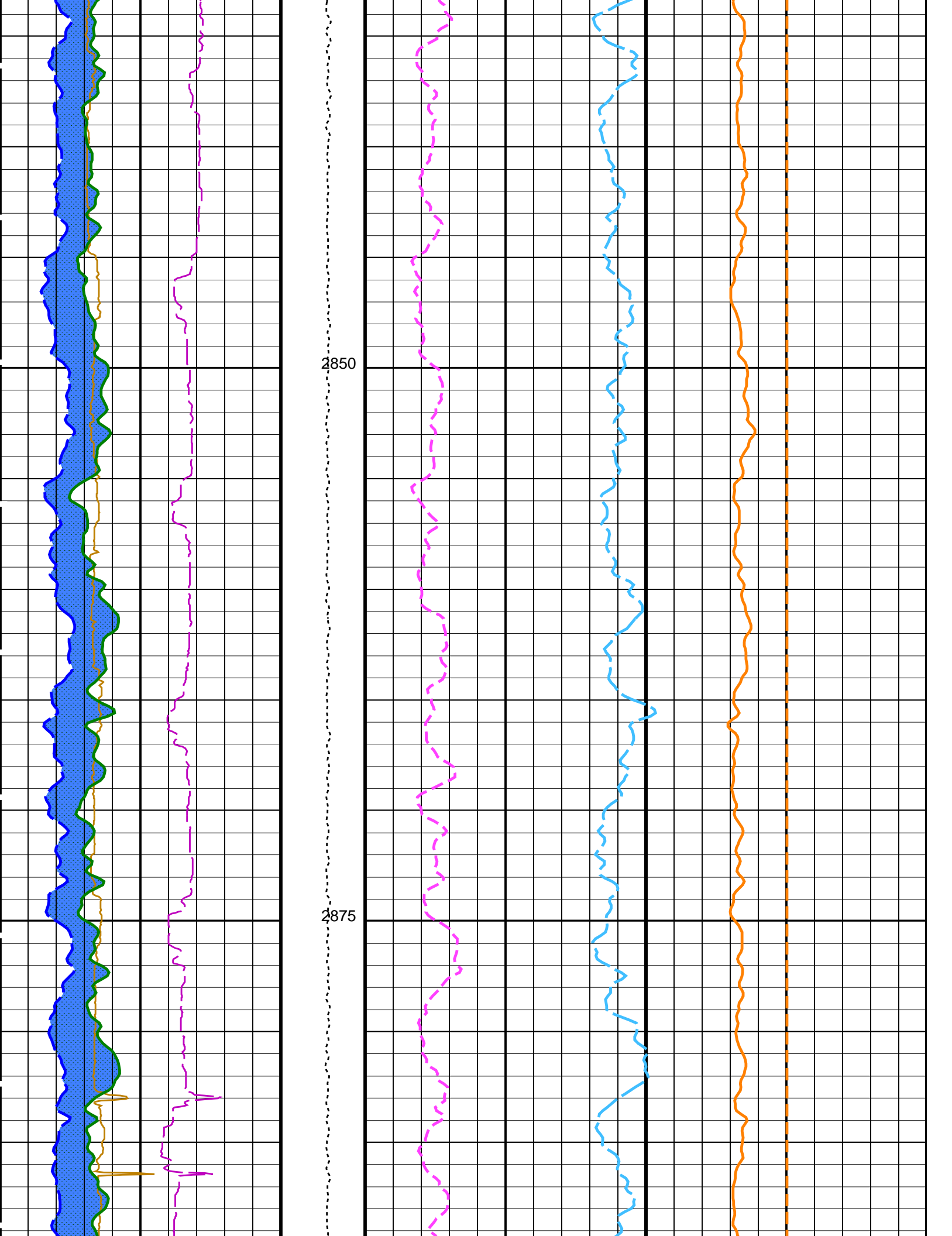
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

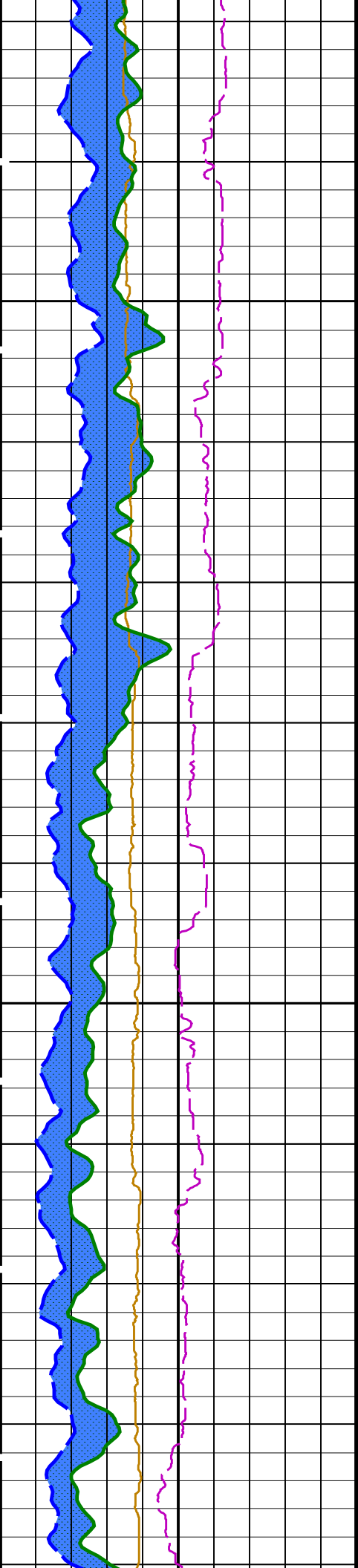
PIP SUMMARY

Time Mark Every 60 S



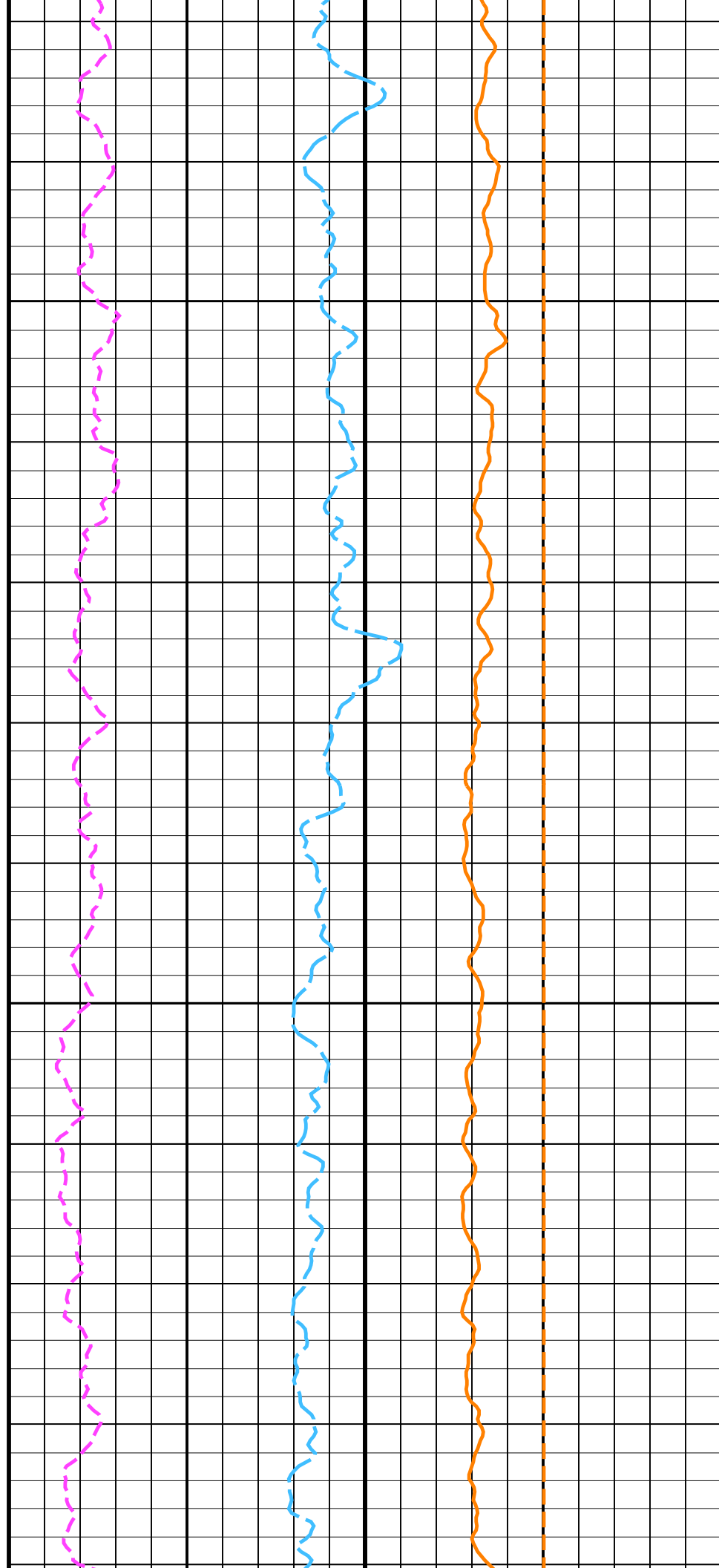


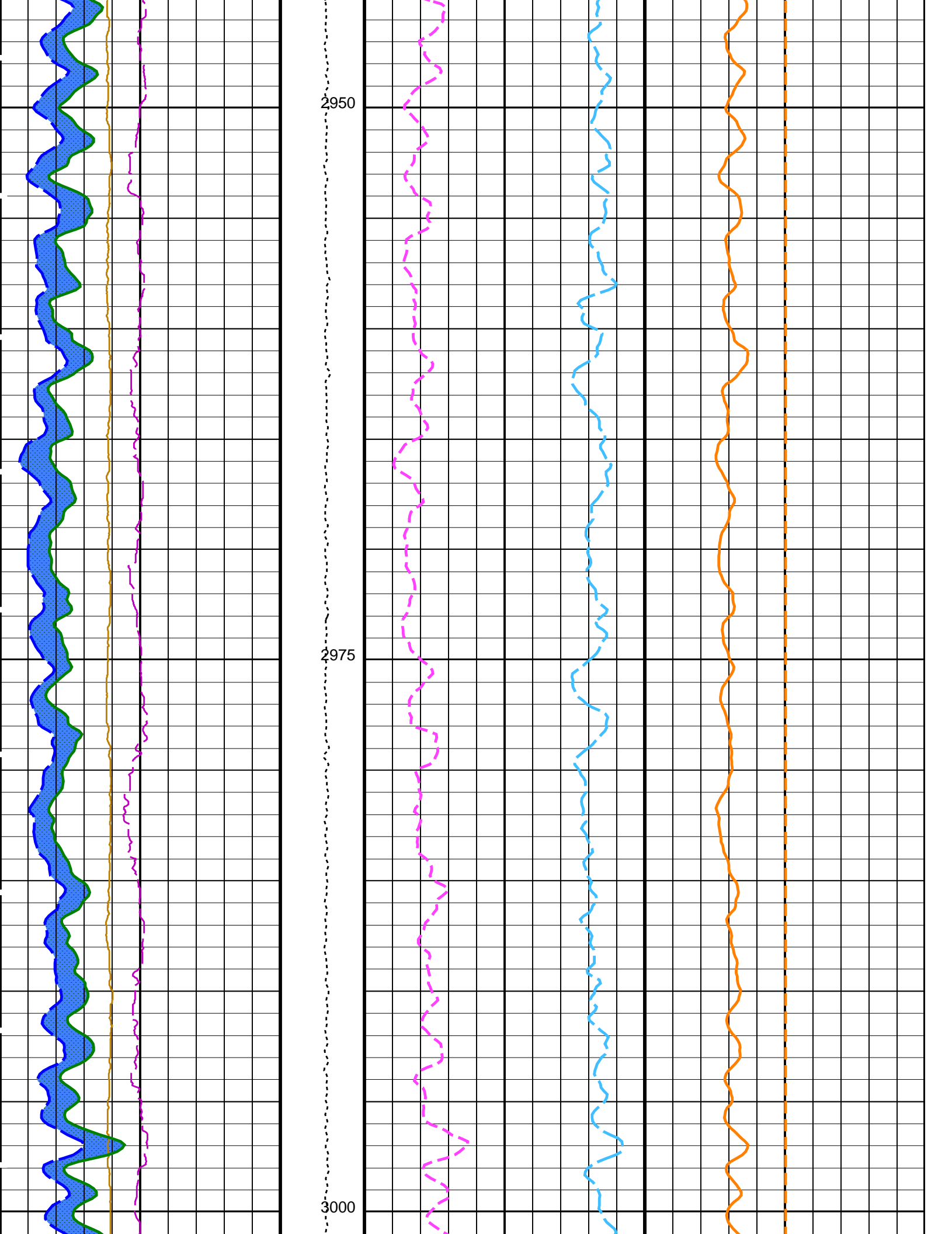


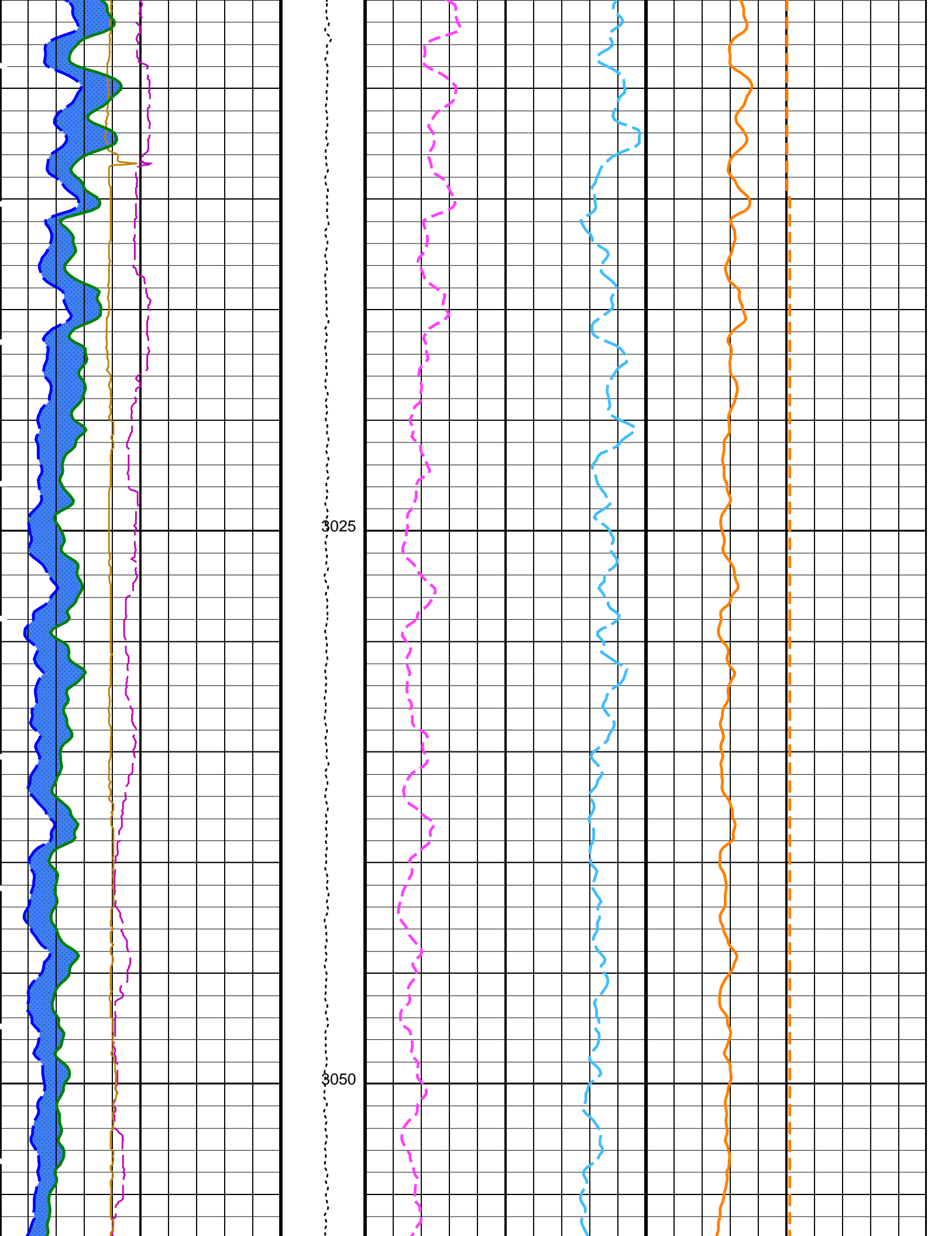


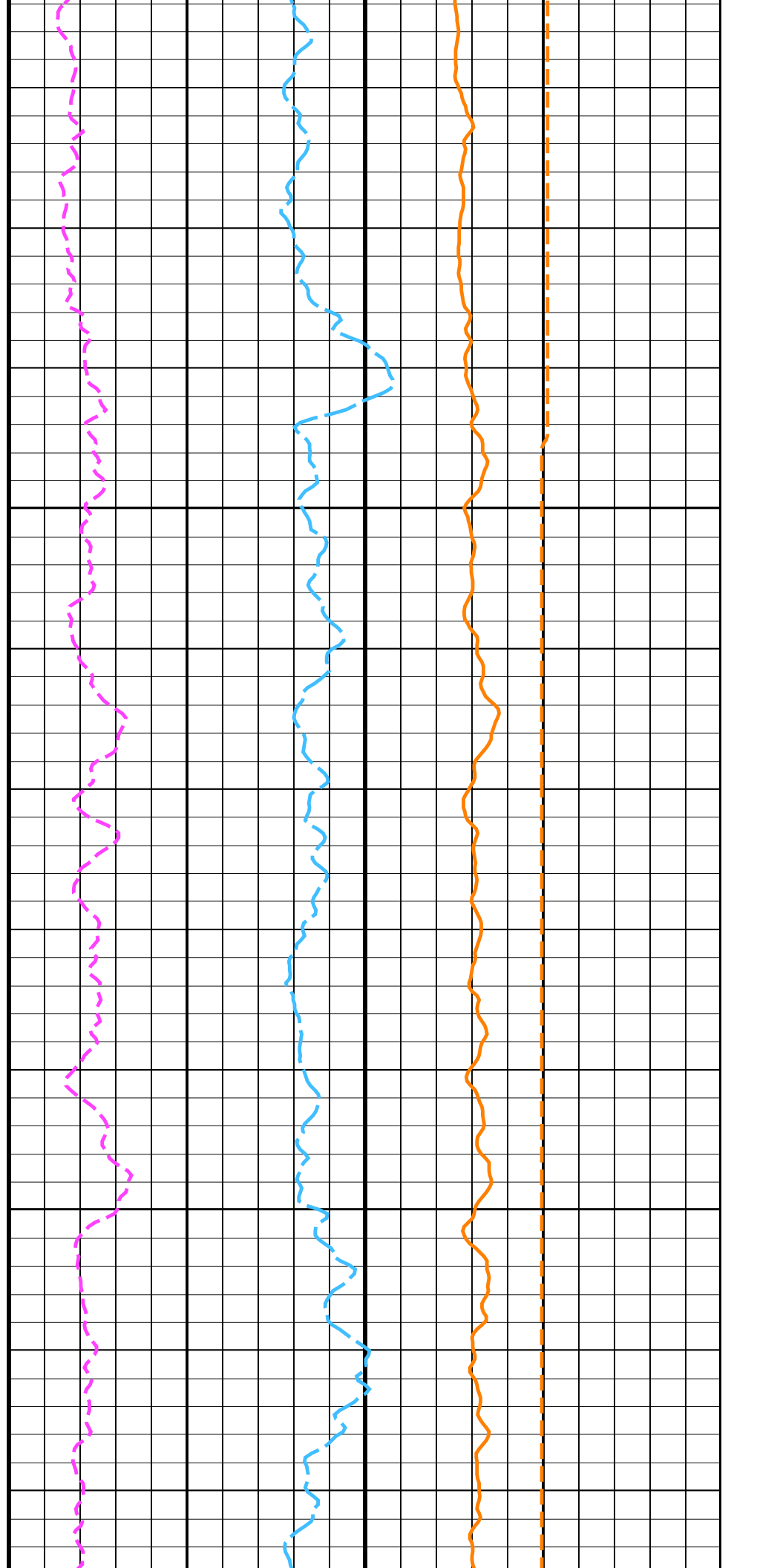
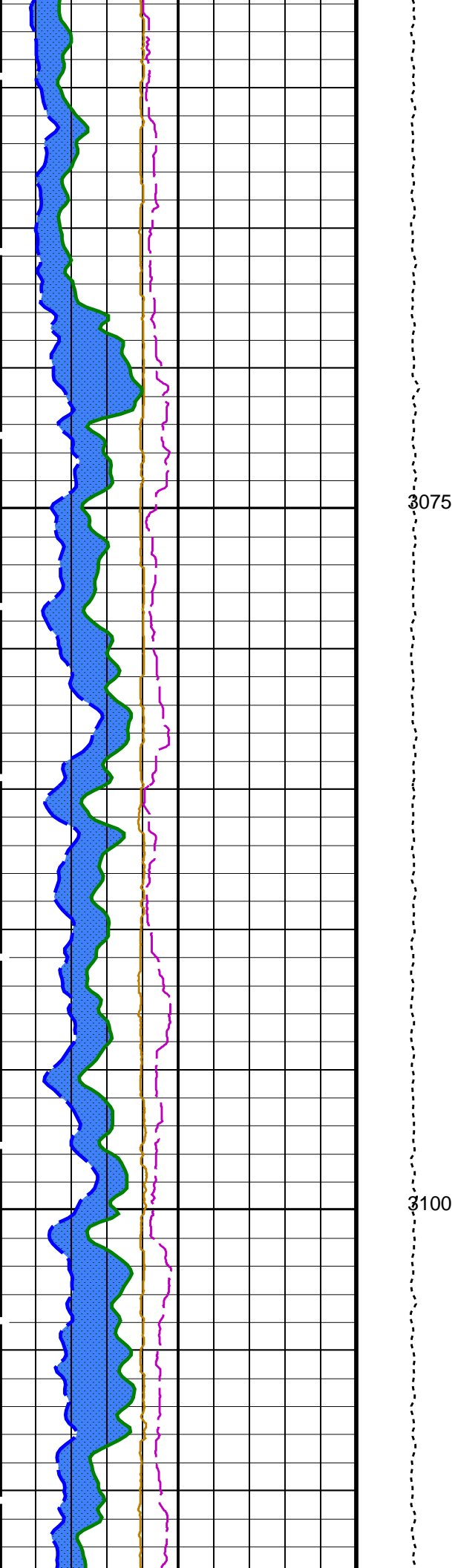
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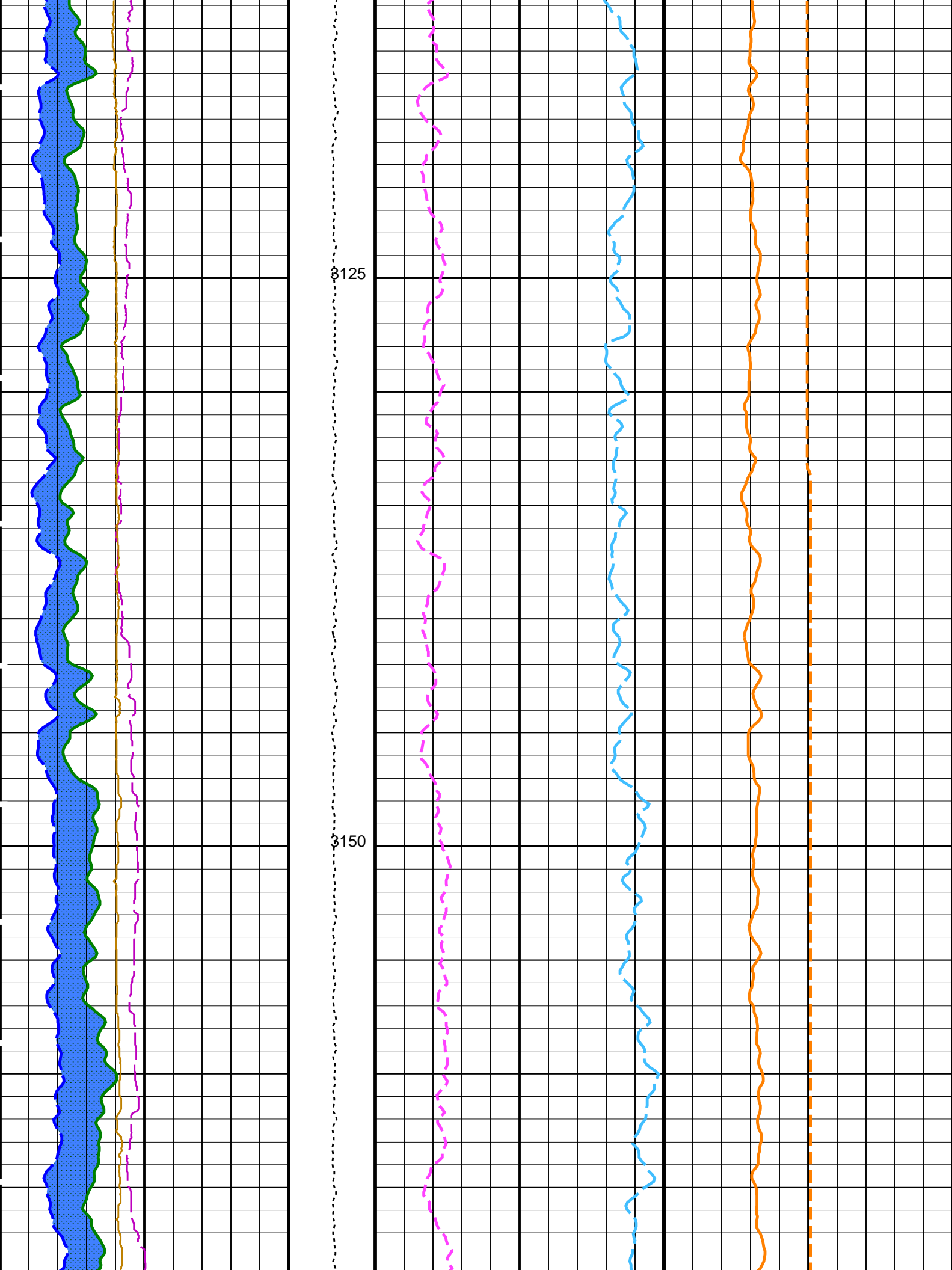
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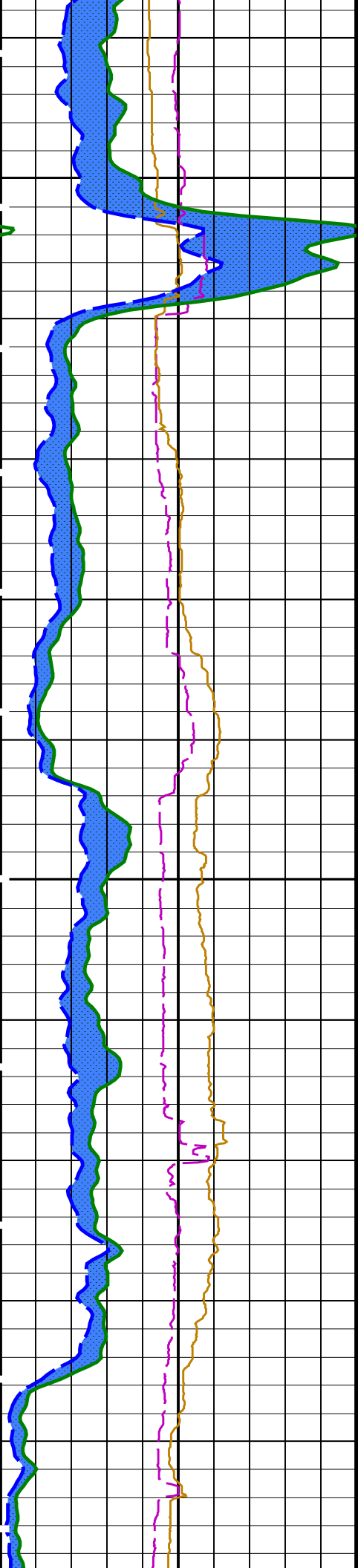






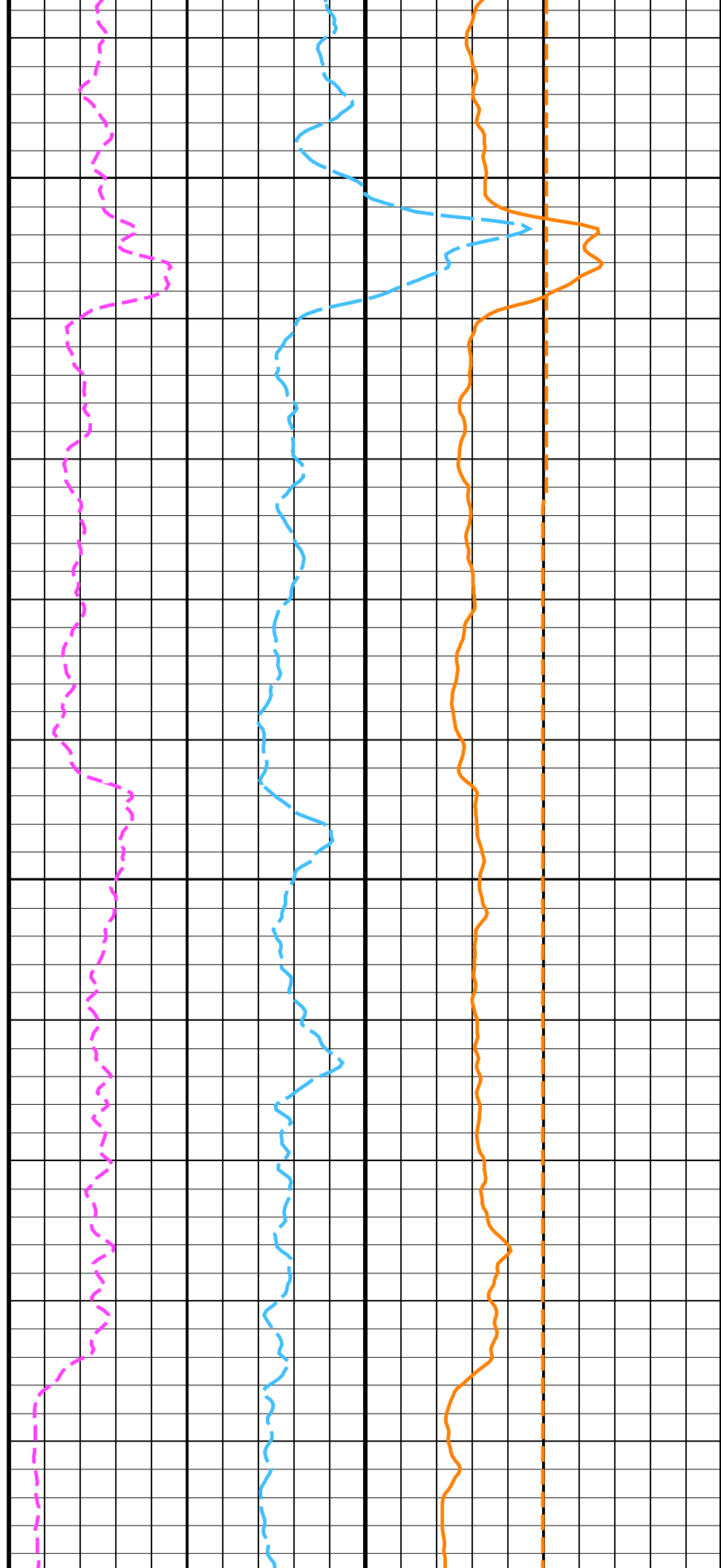


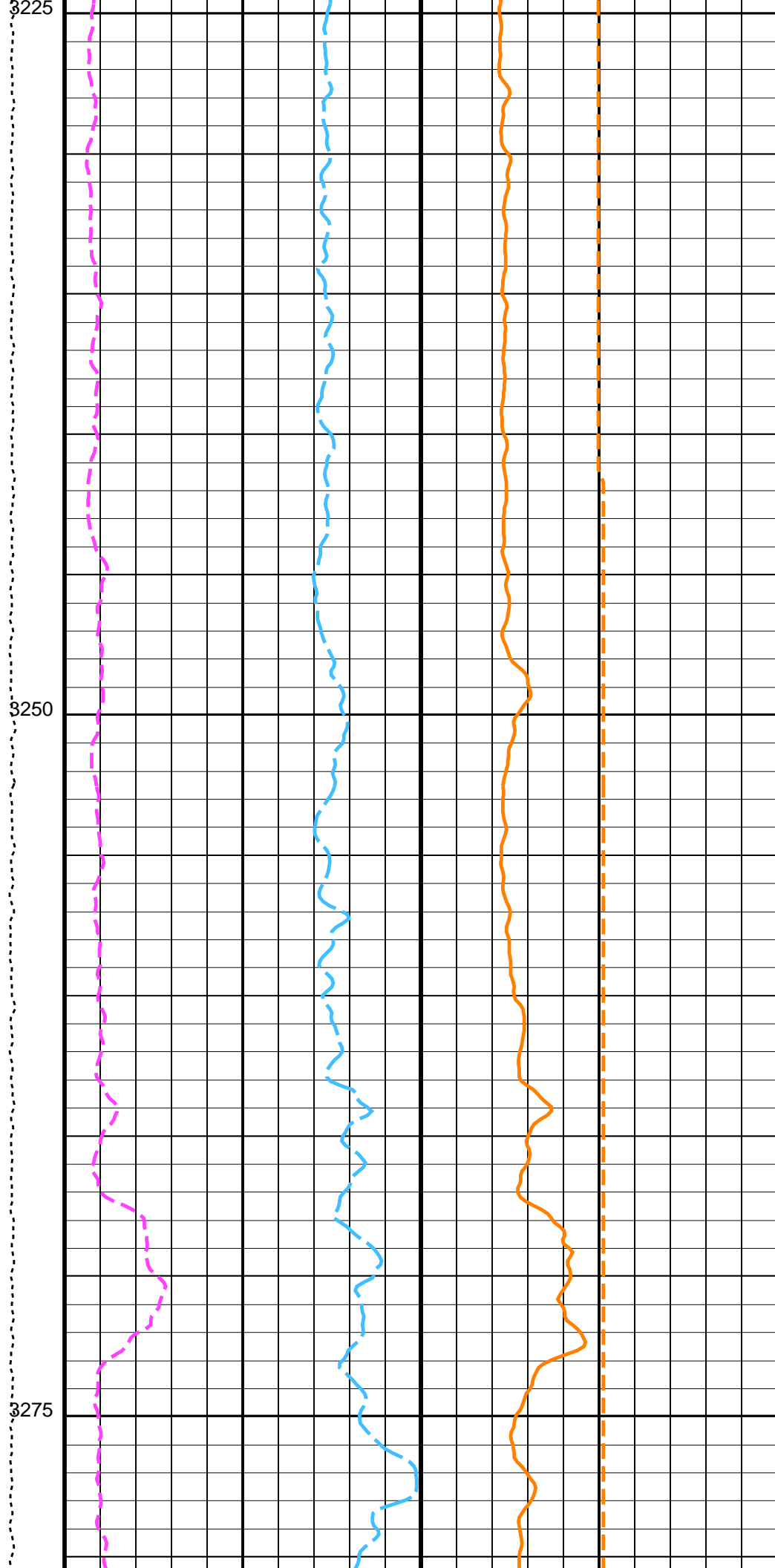
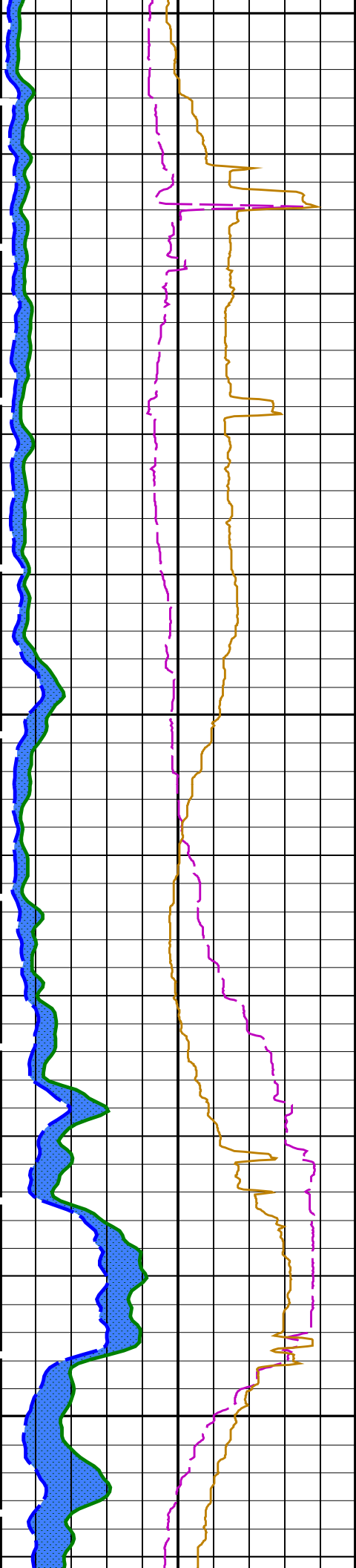


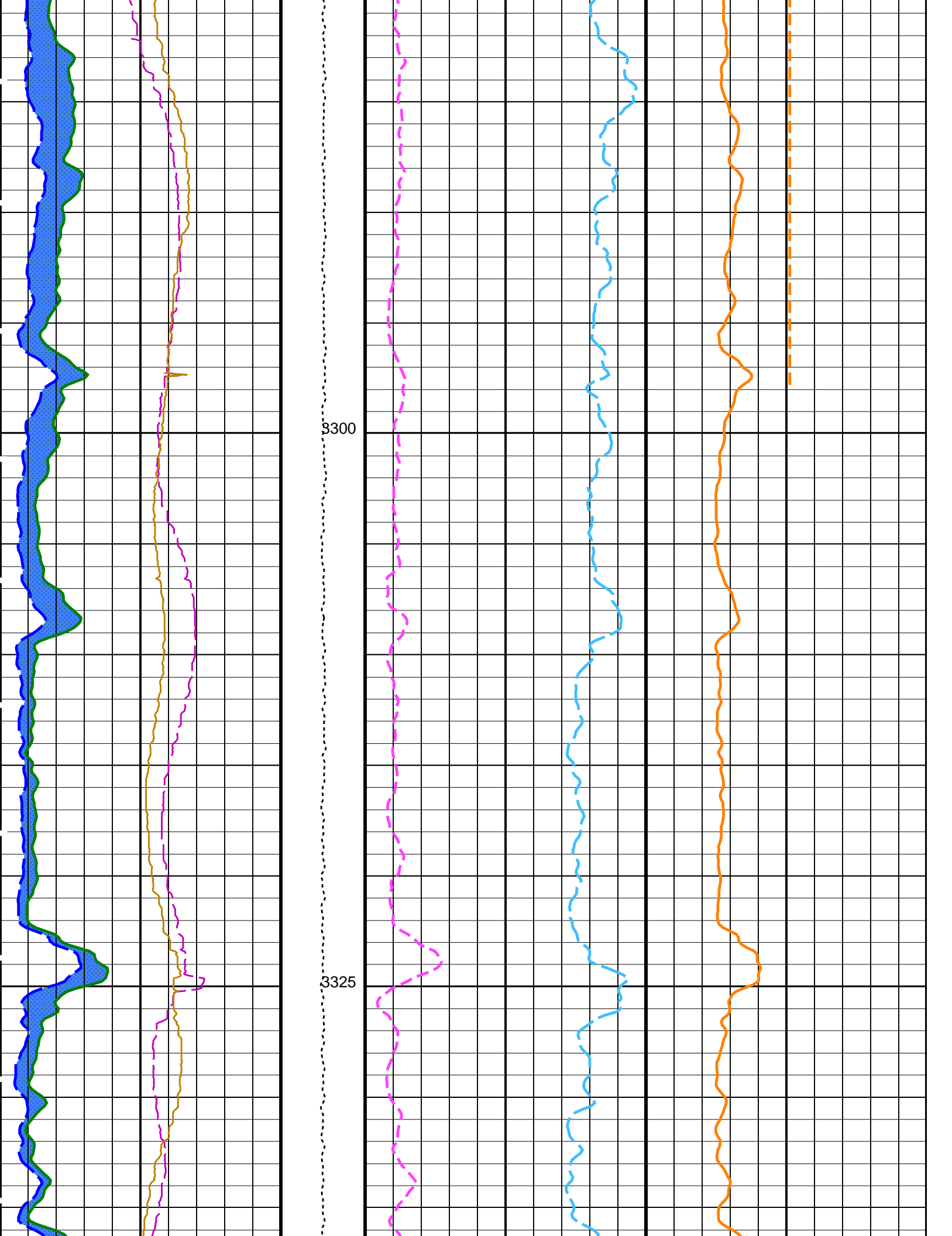


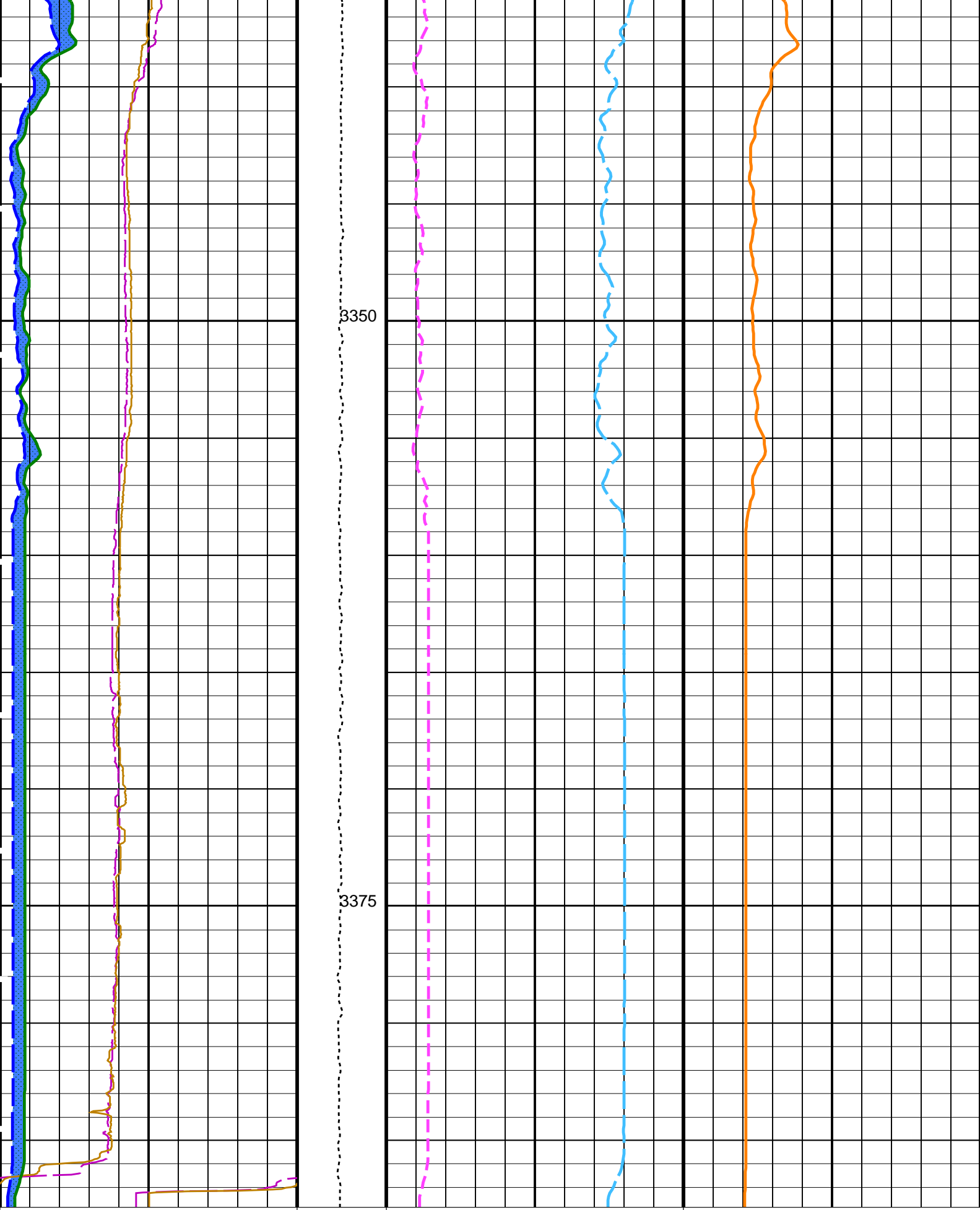
3175

3200









Caliper 1 (C1) (IN)	Tension (TENS) (LBF)	HNGS Thorium (HTHO) (PPM)	HNGS Uranium (HURA)	HNGS Potassium (HFK) (-----)
6	10000	-1	14	-0.01
16	0			0.04

6	Caliper 2 (G2)	16	-5	HNGS Gamma Ray (HNGR)	10
(IN)			(PPM)		
HNGS Computed Gamma Ray (HCGR)			HNGS Borehole Potassium (HBHK)		
0	(GAPI)	100	-0.05	(-----)	0.05
Area1 From HCGR to HSGR					
HNGS Spectroscopy Gamma Ray (HSGR)					
0	(GAPI)	100			

PIP SUMMARY					
Time Mark Every 60 S					

Parameters					
DLIS Name	Description	Value			
DSST-B: Dipole Shear Imager – B					
BHS	Borehole Status	OPEN			
GCSE	Generalized Caliper Selection	C1			
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	C1			
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW			
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW			
HABK	HNGS Borehole Potassium Running Average	-0.00068029			
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	0.96594			
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.937981			
EDTC-B: Enhanced DTS Cartridge					
BHS	Borehole Status	OPEN			
GCSE	Generalized Caliper Selection	C1			
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: 09-Aug-2023 23:35
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OP System Version: 19C0-187					
MEST-B	19C0-187	DTA-A	19C0-187		
DSST-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

Output DLIS Files					
DEFAULT	FMS_DSI_NGS_039LUP	FN:46	PRODUCER	09-Aug-2023 23:35	
RTB	FMS_DSI_NGS_039LUP	FN:47	PRODUCER	09-Aug-2023 23:35	

Company: International Ocean Discovery Program	Well: Expedition 395, Site U1564F
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Output DLIS Files					
DEFAULT	FMS_DSI_NGS_039LUP	FN:46	PRODUCER	09-Aug-2023 23:35	3387.9 M 2758.4 M
RTB	FMS_DSI_NGS_039LUP	FN:47	PRODUCER	09-Aug-2023 23:35	3387.9 M 2758.4 M

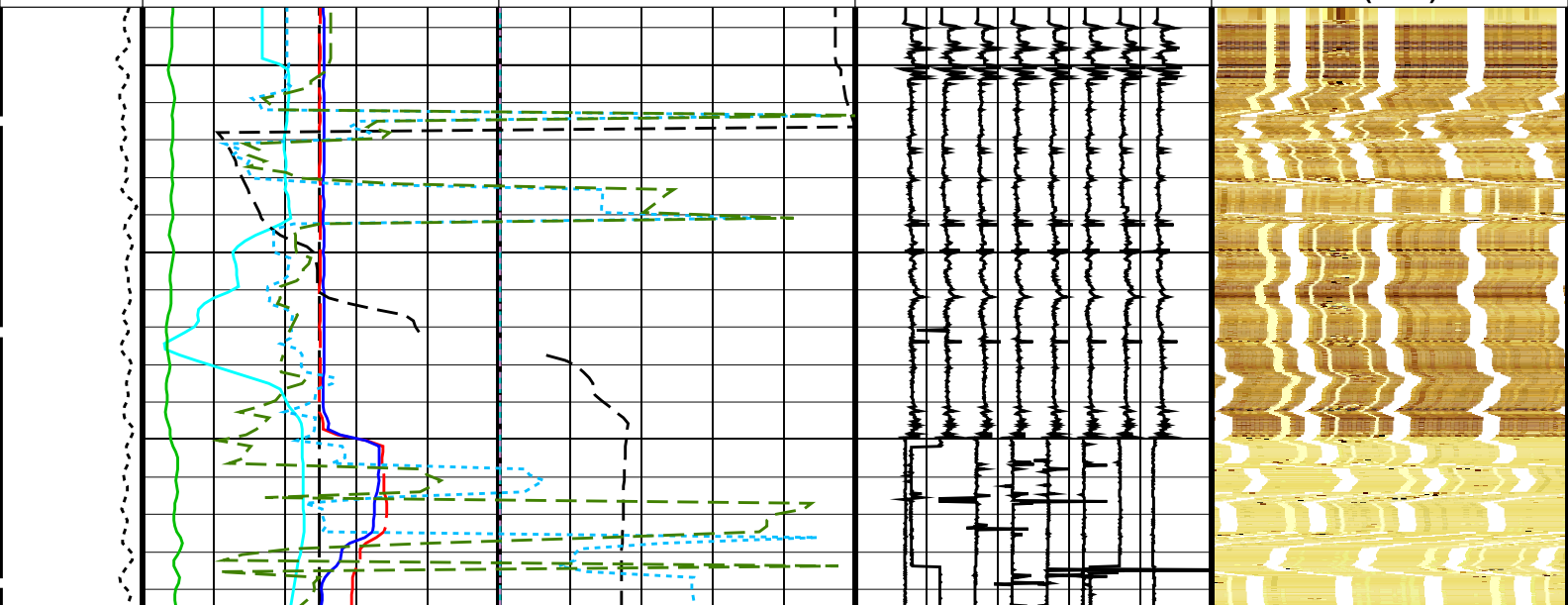
OP System Version: 19C0-187

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

PIP SUMMARY

Time Mark Every 60 S

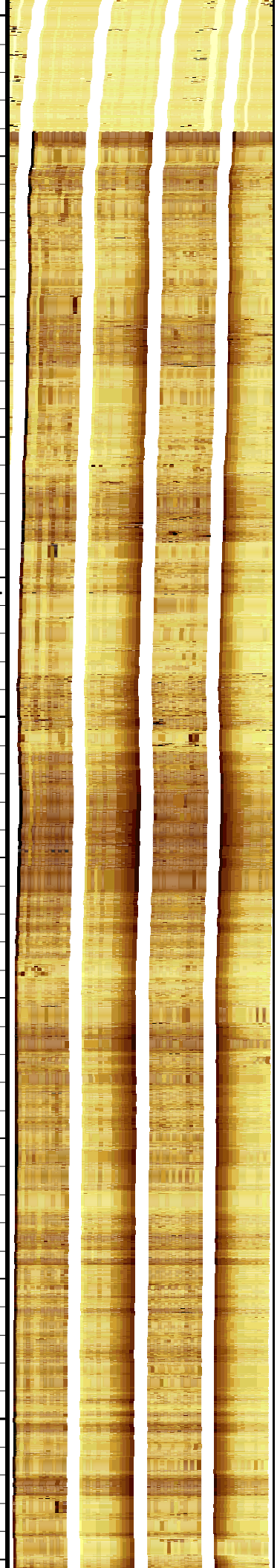
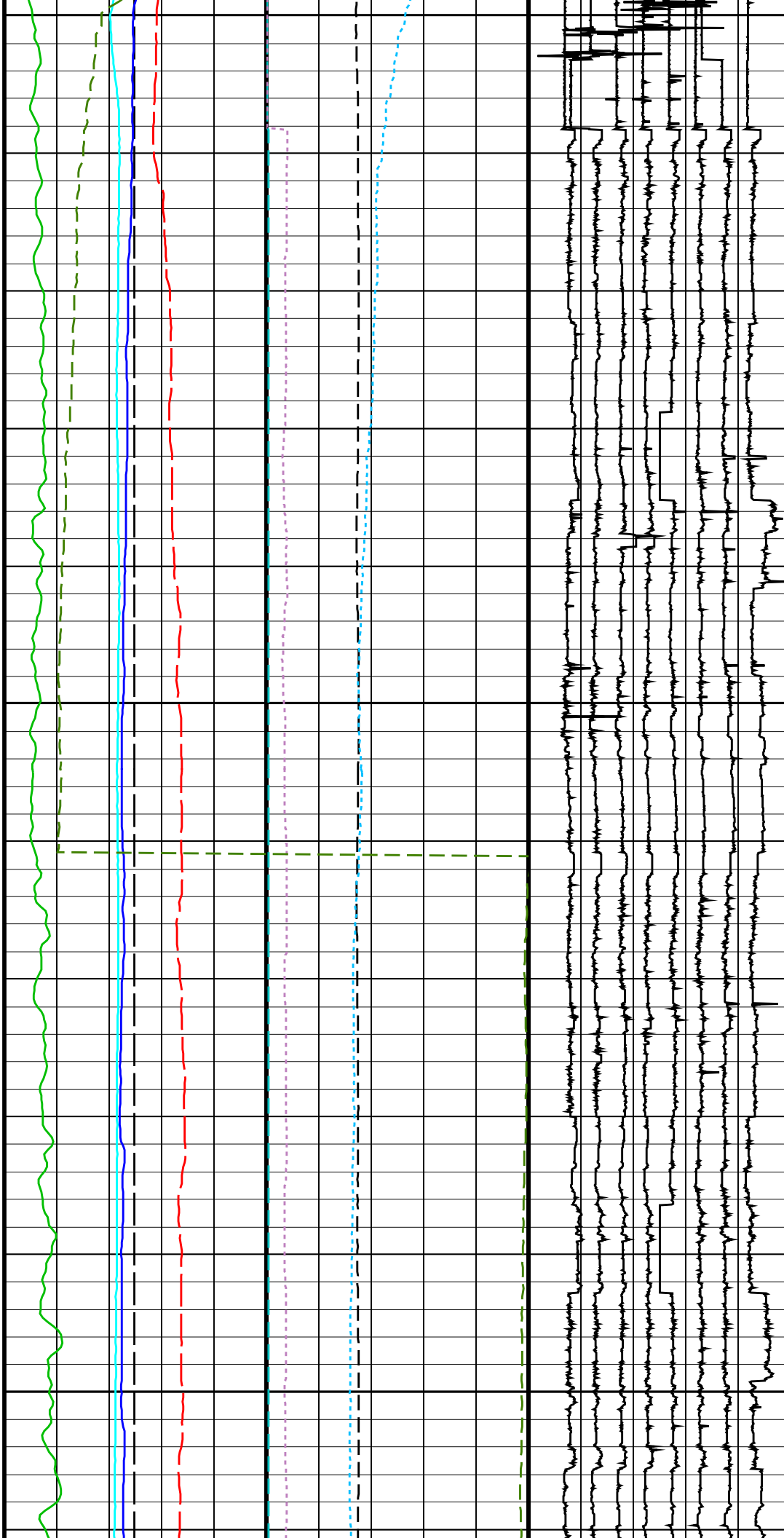
<div> <div>Relative Bearing (RB_MEST) (DEG)</div> <div>-40360</div> </div> <div> <div>Pad One Azimuth (P1AZ_MEST) (DEG)</div> <div>-40360</div> </div> <div> <div>Hole Azimuth (HAZIM) (DEG)</div> <div>-40360</div> </div> <div> <div>Gamma Ray (GR_EDTC) (GAPI)</div> <div>0150</div> </div> <div> <div>Deviation (DEVIM) (DEG)</div> <div>010</div> </div> <div> <div>Caliper 2 (C2) (IN)</div> <div>020</div> </div> <div> <div>Caliper 1 (C1) (IN)</div> <div>020</div> </div> <div> <div>EMEX Intensity (EI) (AMPS)</div> <div>010</div> </div>	<div> <div>Data Button 8 – Varies with RBS (U-MEST_RB8)</div> <div>-8020</div> </div> <div> <div>Data Button 7 – Varies with RBS (U-MEST_RB7)</div> <div>-7030</div> </div> <div> <div>Data Button 6 – Varies with RBS (U-MEST_RB6)</div> <div>-6040</div> </div> <div> <div>Data Button 5 – Varies with RBS (U-MEST_RB5)</div> <div>-5050</div> </div> <div> <div>Data Button 4 – Varies with RBS (U-MEST_RB4)</div> <div>-4060</div> </div> <div> <div>Data Button 3 – Varies with RBS (U-MEST_RB3)</div> <div>-3070</div> </div> <div> <div>Data Button 2 – Varies with RBS (U-MEST_RB2)</div> <div>-2080</div> </div> <div> <div>Data Button 1 – Varies with RBS (U-MEST_RB1)</div> <div>-1090</div> </div>	<div> <div>2.0125 2.6846 3.3567 4.0289 4.5329 5.0370 5.3731 5.7091 6.0452 6.3813 6.8854 7.3895 8.0616 9.0697 10.0779 12.4304</div> <div>MEST_PADD (U-MEST_RESISTIVITY_PADD_DS) (----</div> </div> <div> <div>2.0125 2.6846 3.3567 4.0289 4.5329 5.0370 5.3731 5.7091 6.0452 6.3813 6.8854 7.3895 8.0616 9.0697 10.0779 12.4304</div> <div>MEST_PADC (U-MEST_RESISTIVITY_PADC_DS) (----</div> </div> <div> <div>2.0125 2.6846 3.3567 4.0289 4.5329 5.0370 5.3731 5.7091 6.0452 6.3813 6.8854 7.3895 8.0616 9.0697 10.0779 12.4304</div> <div>MEST_PADB (U-MEST_RESISTIVITY_PADB_DS) (----</div> </div> <div> <div>2.0125 2.6846 3.3567 4.0289 4.5329 5.0370 5.3731 5.7091 6.0452 6.3813 6.8854 7.3895 8.0616 9.0697 10.0779 12.4304</div> <div>MEST_PADA (U-MEST_RESISTIVITY_PADA_DS) (----</div> </div>
<div>Tension (TENS) (LBF)</div> <div>05000</div>	<div>Bit Size (BS) (IN)</div> <div>020</div>	<div>EMEX Voltage (EV) (V)</div> <div>050</div>

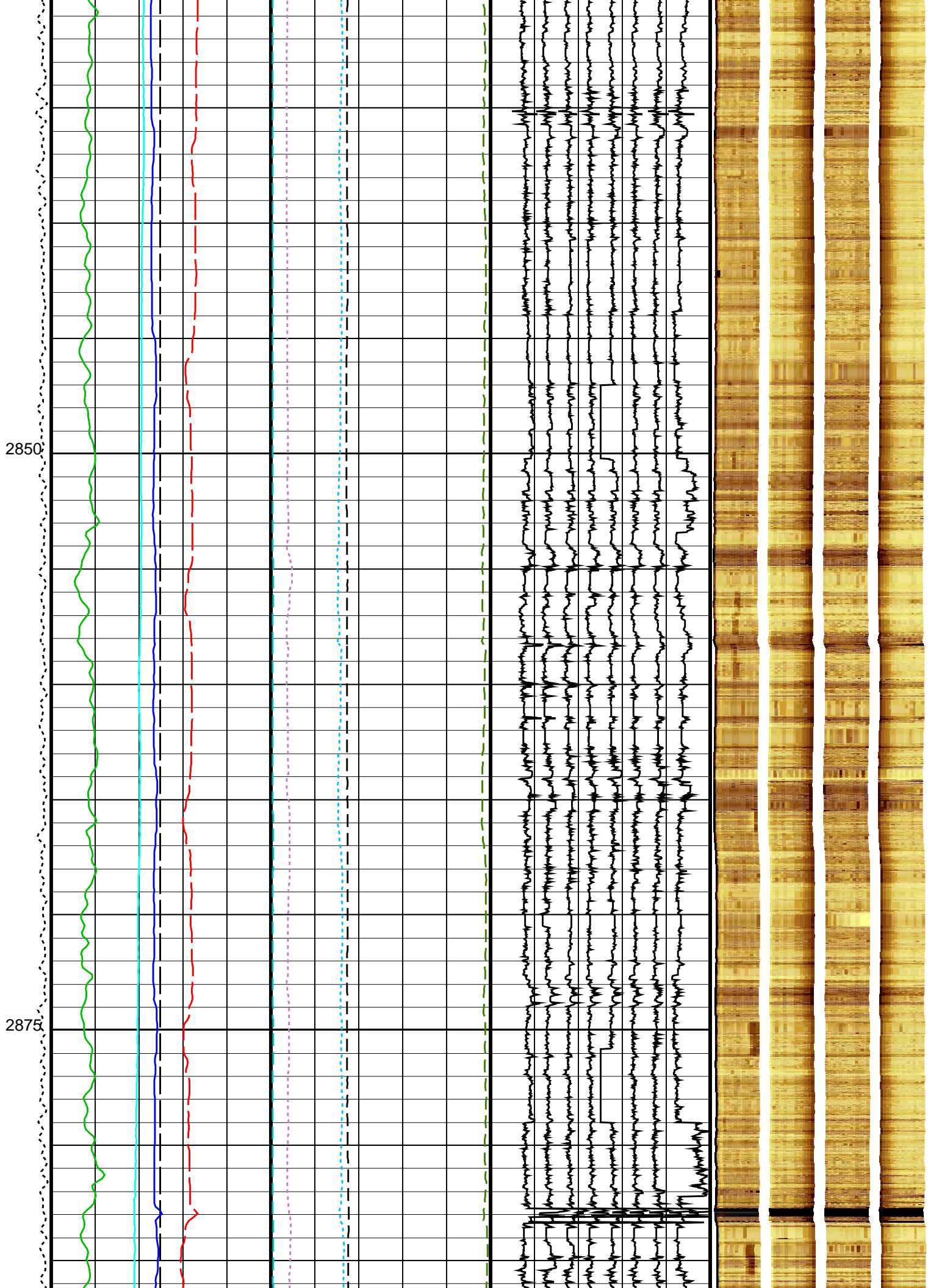


2775

2800

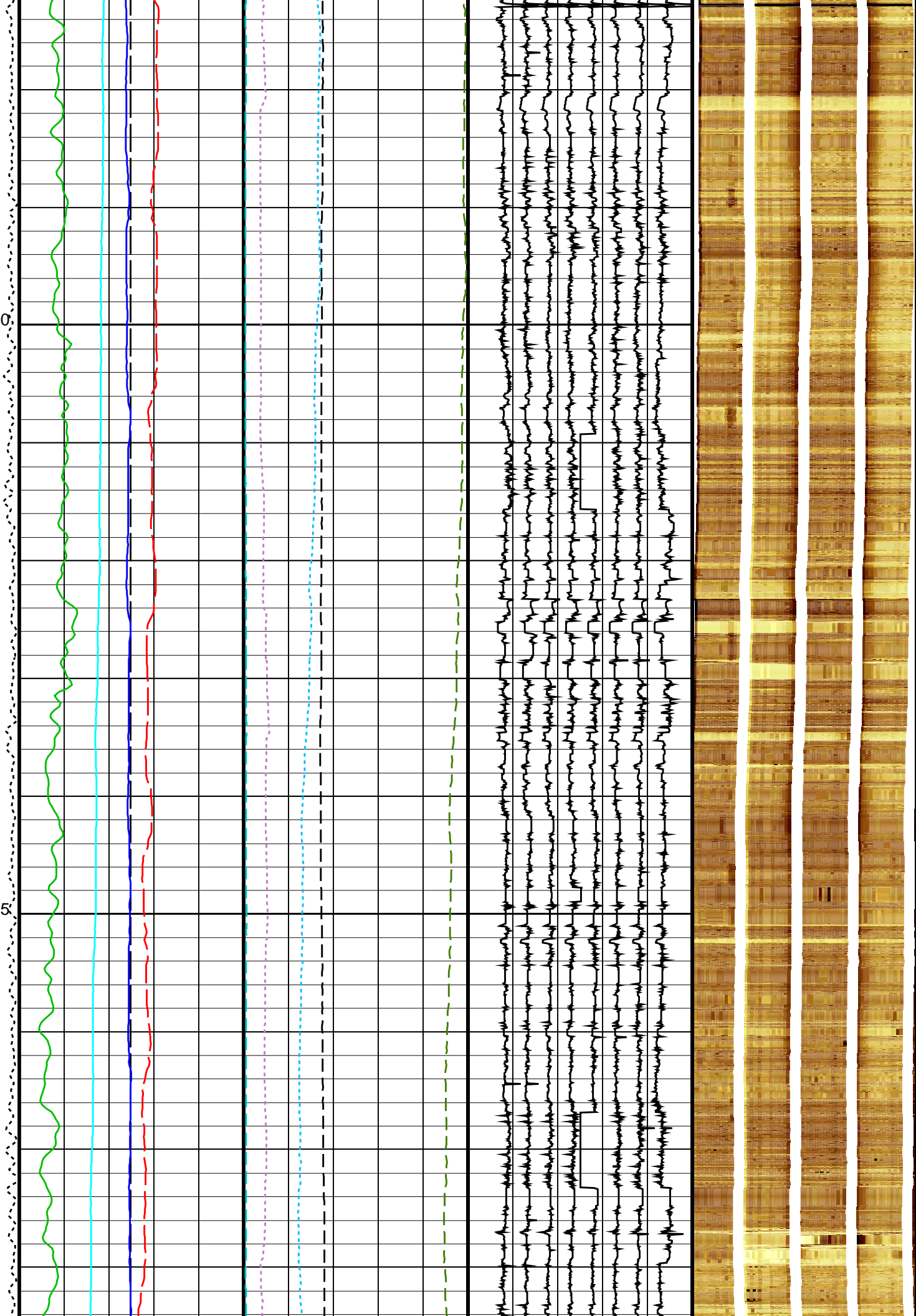
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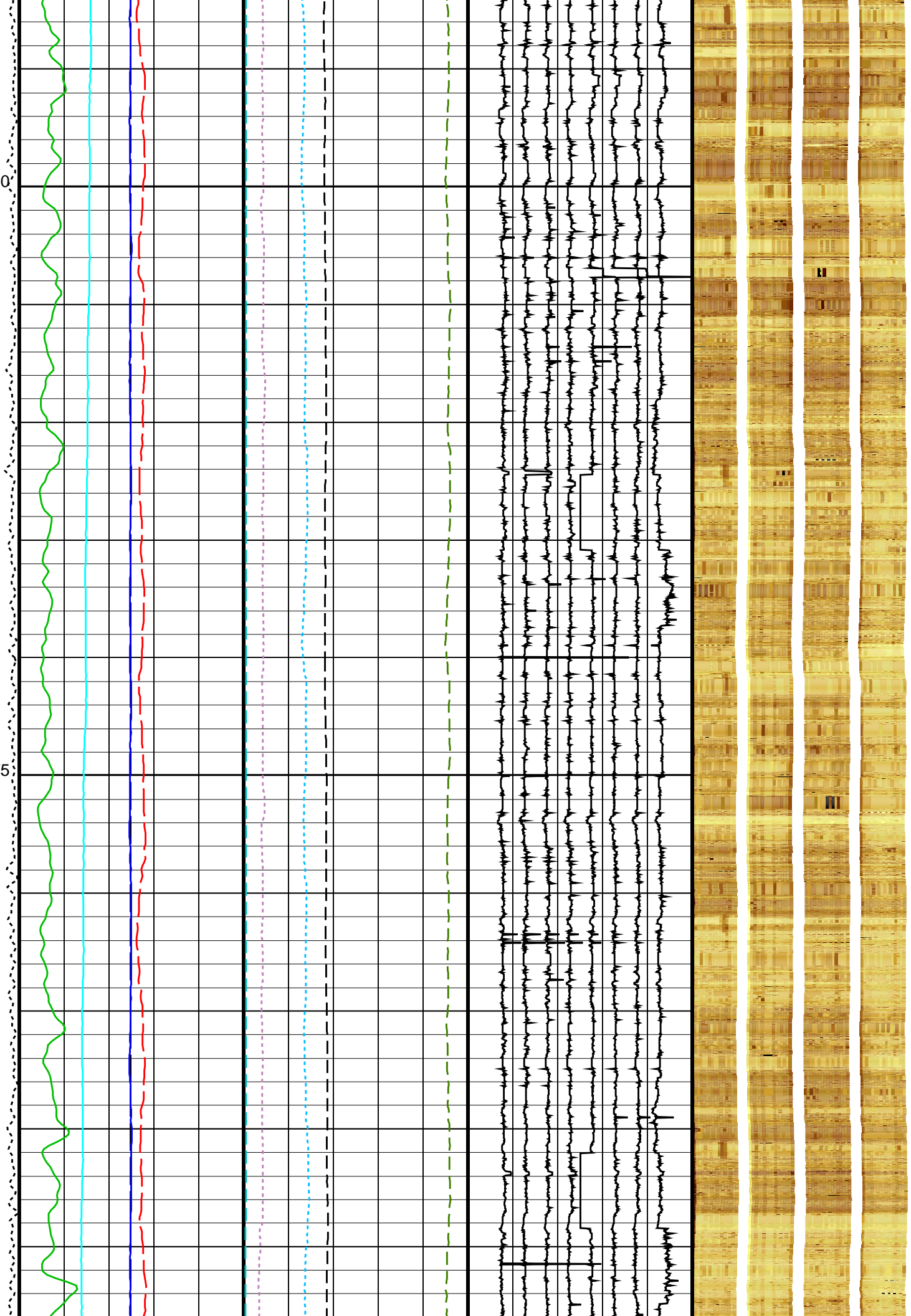
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2925



2950

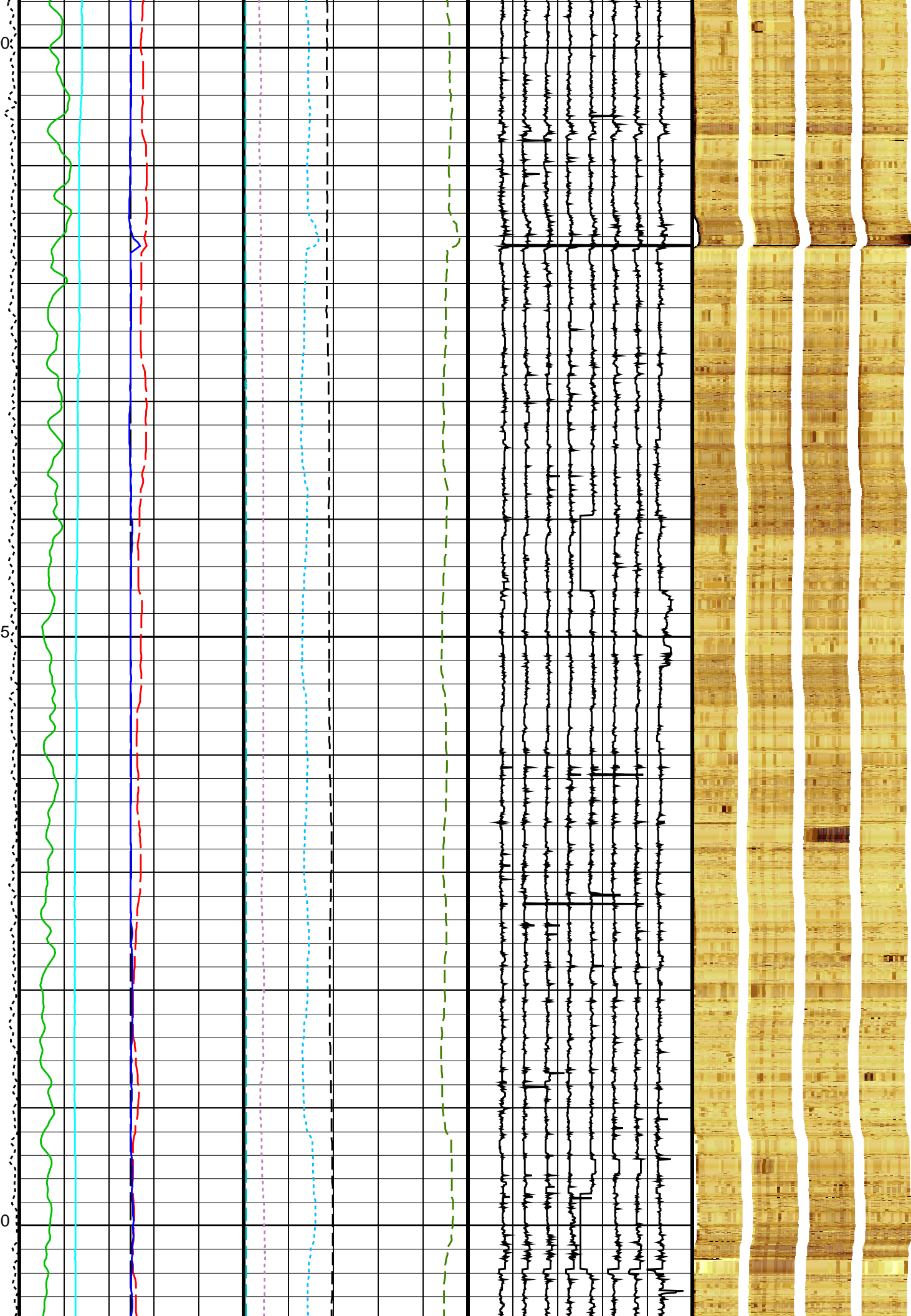
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3000

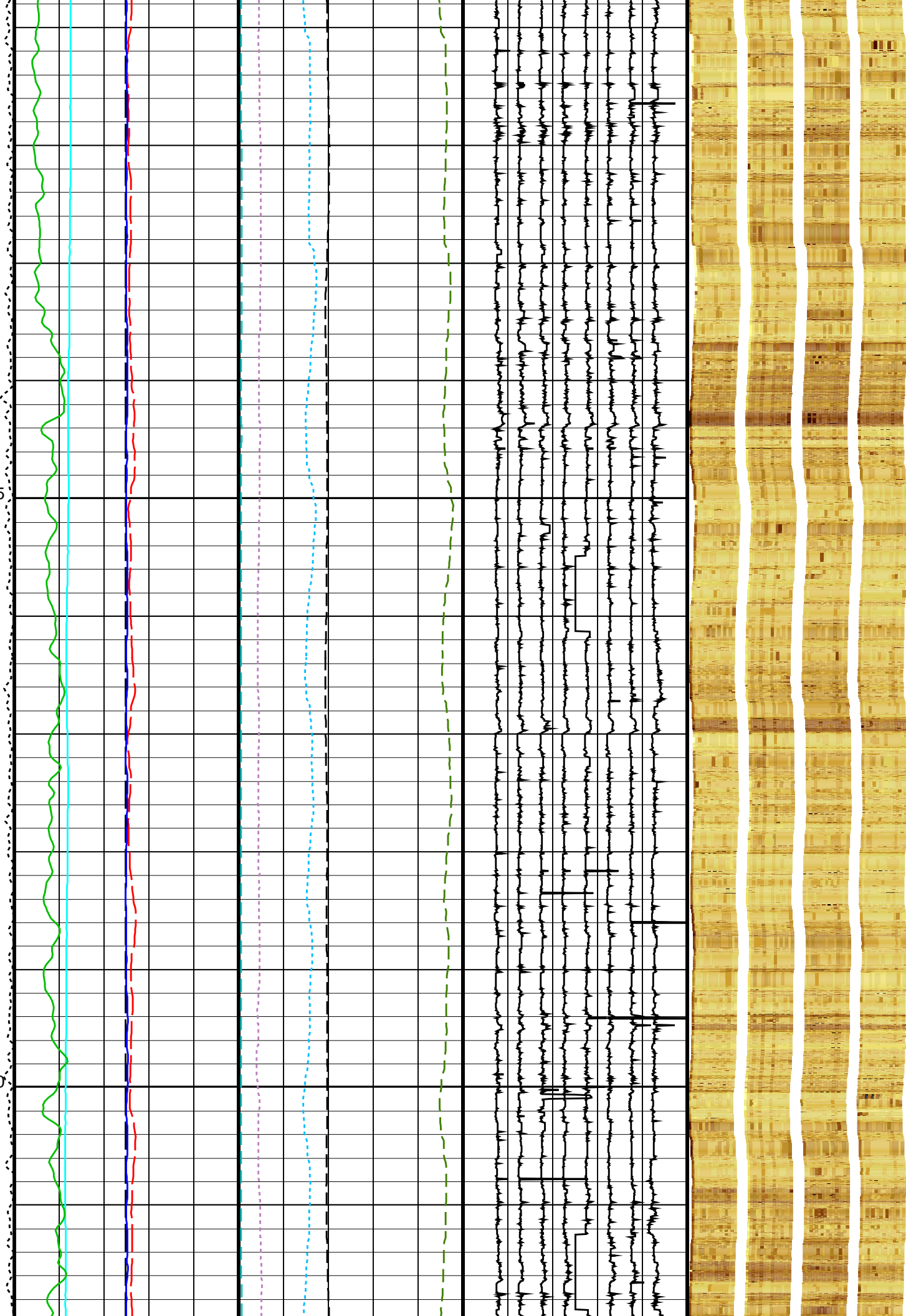
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3050



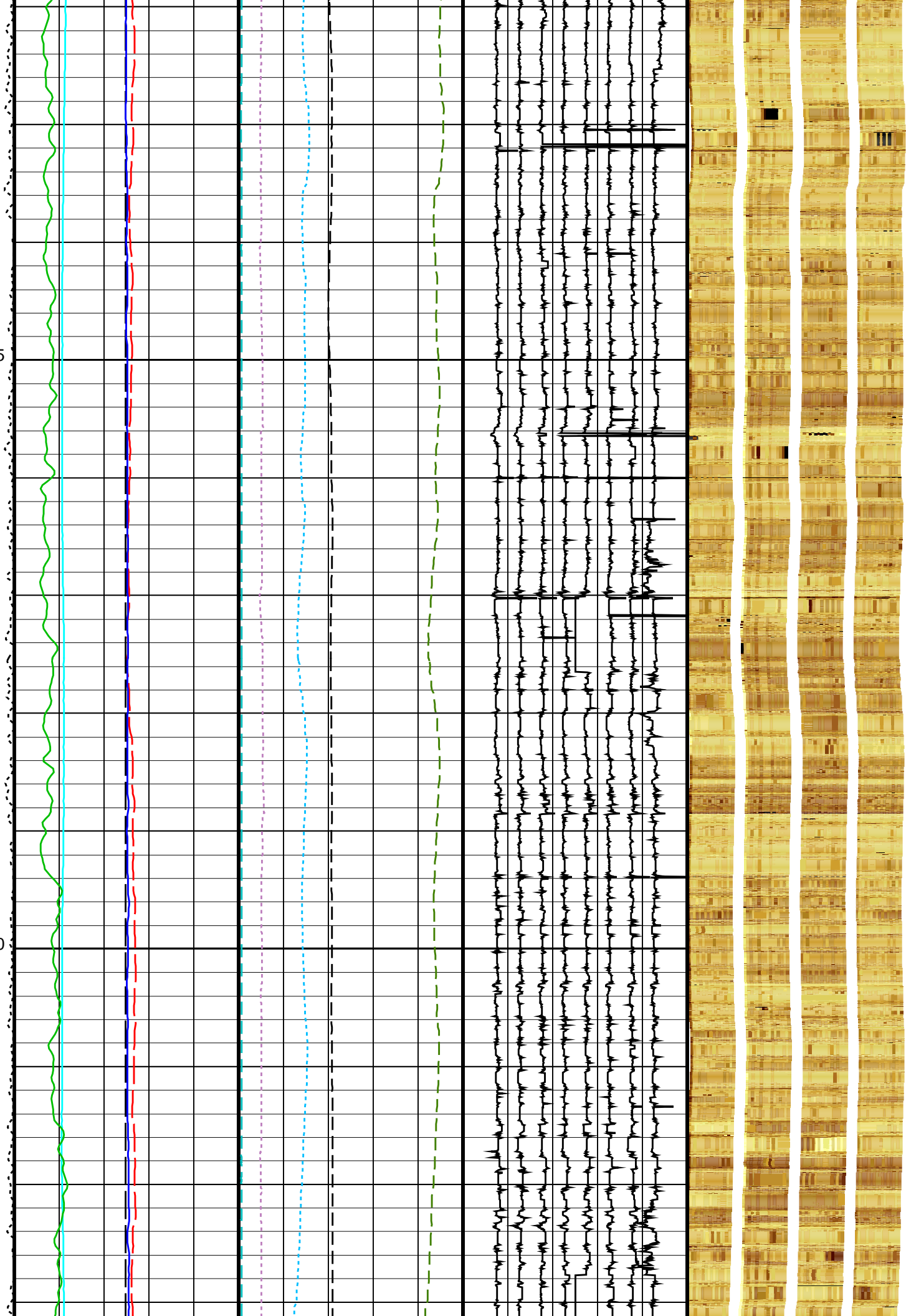
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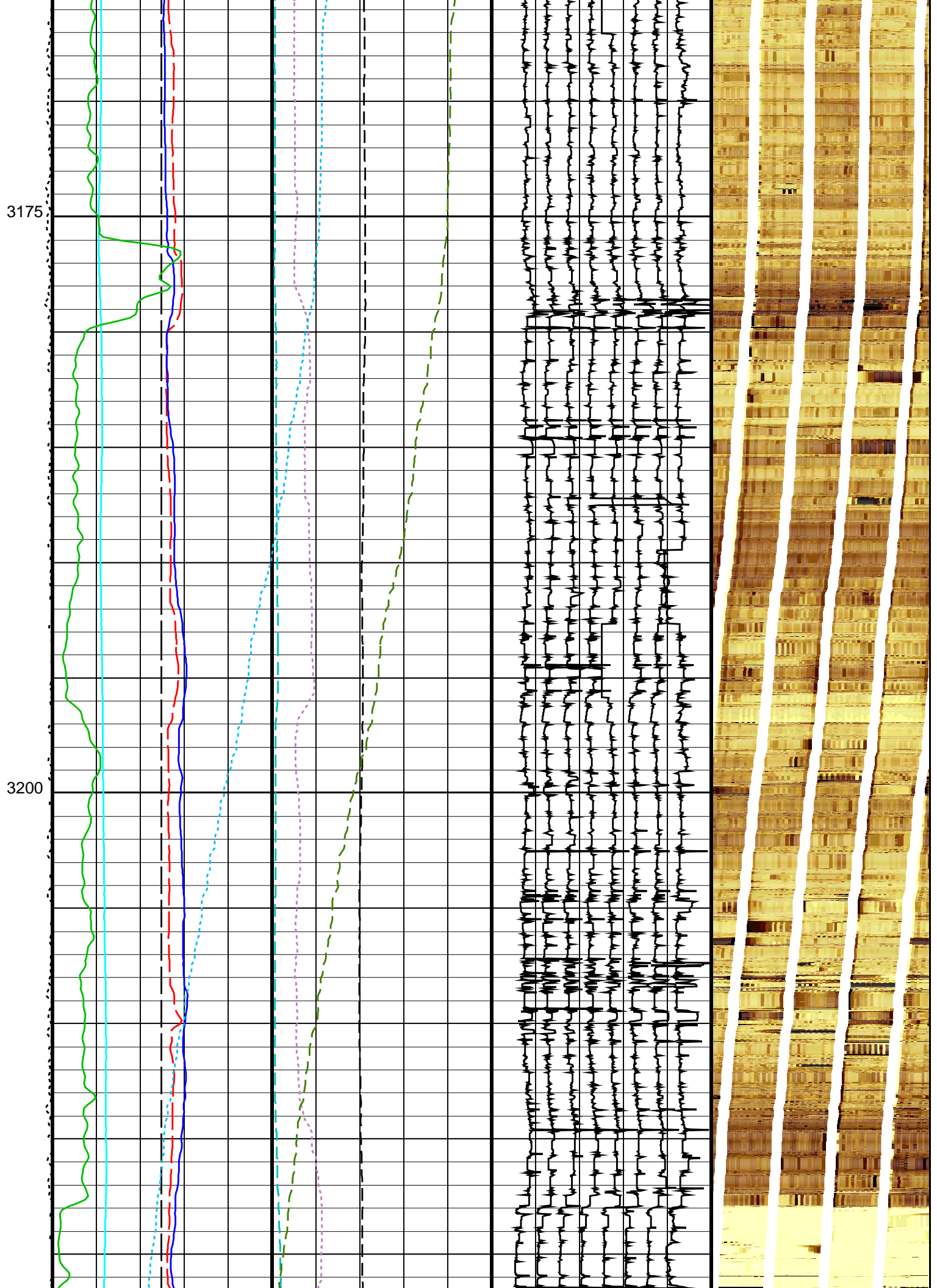
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3125

3150

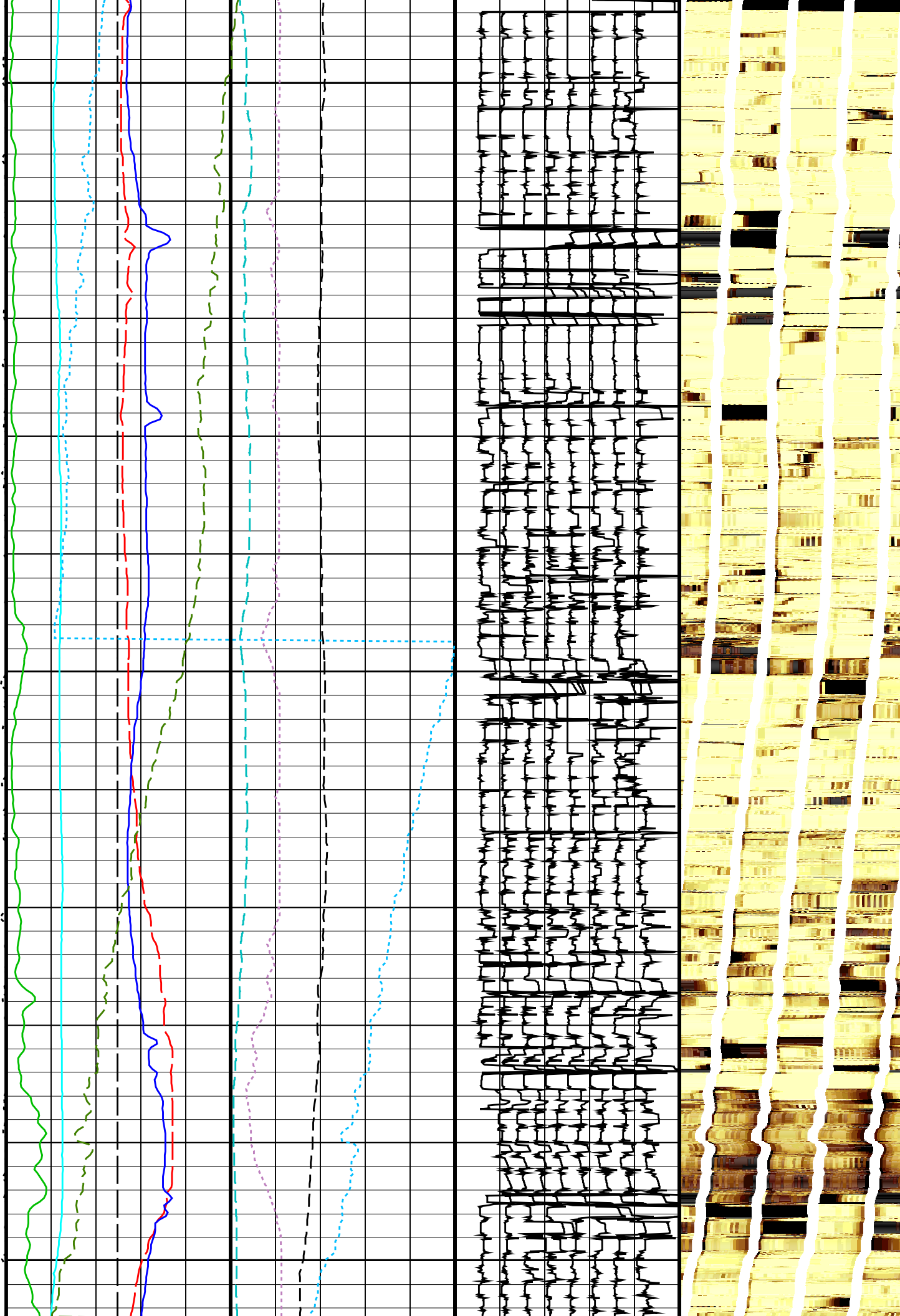




3225

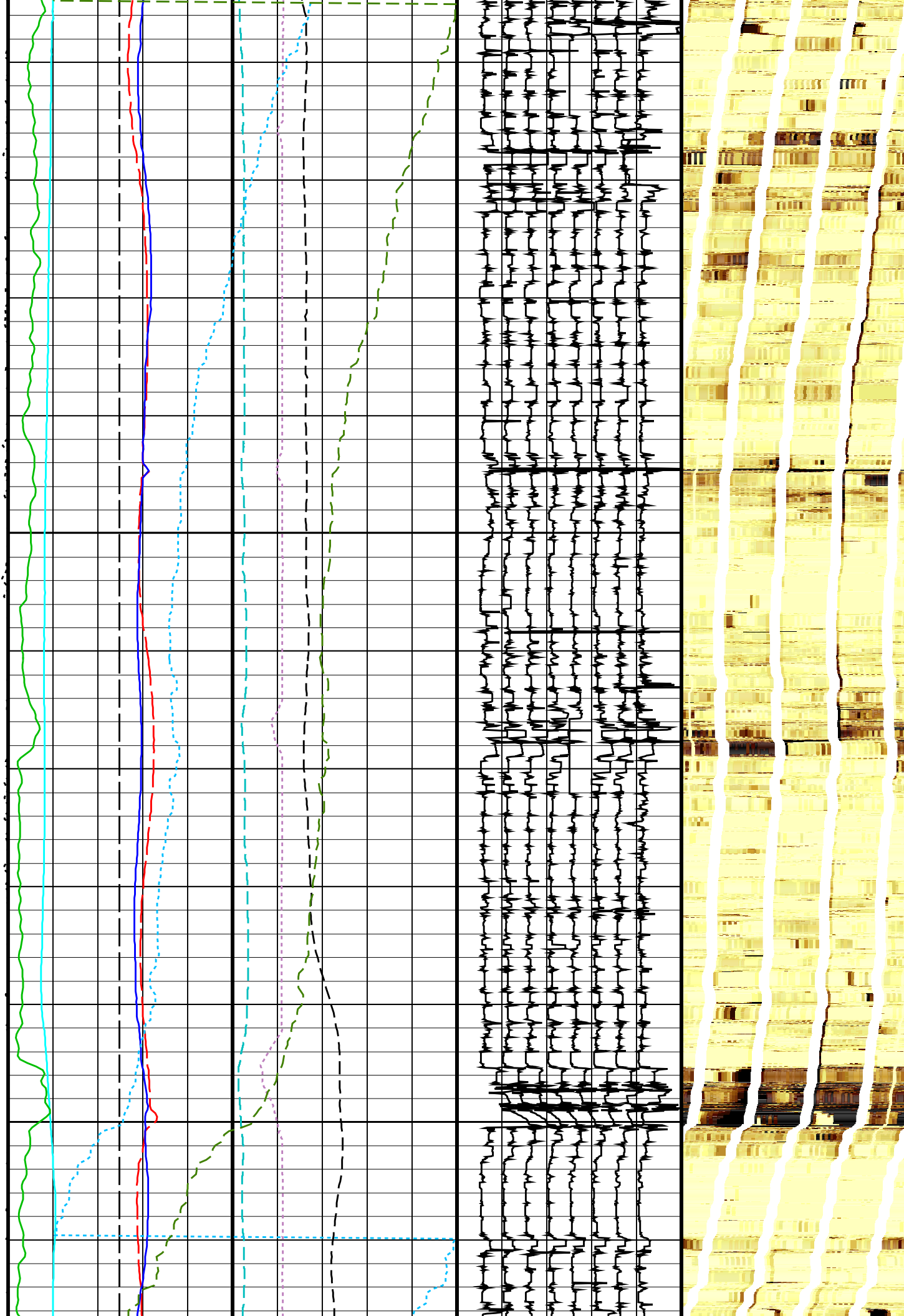
3250

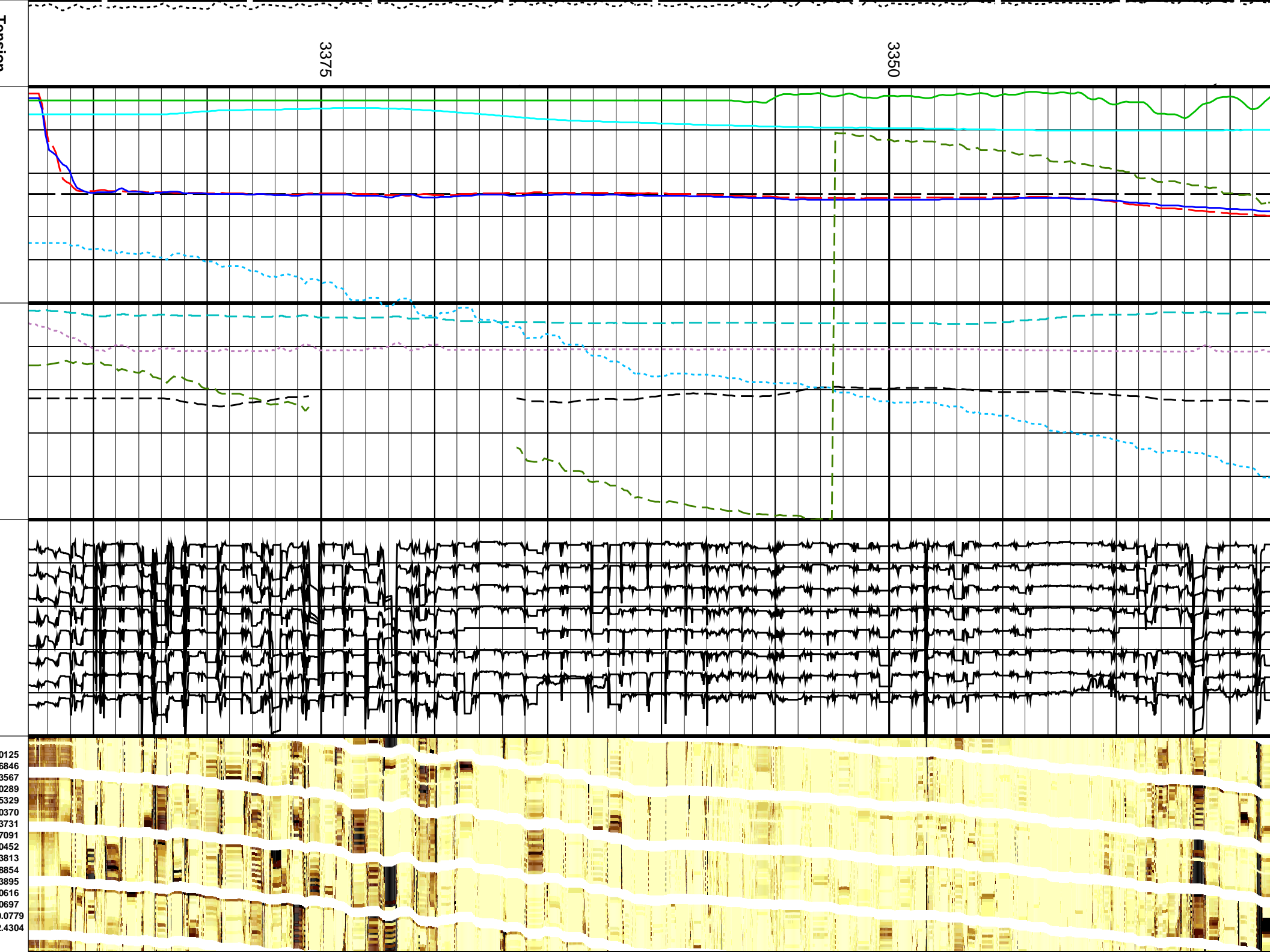
3275



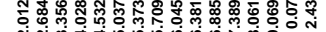
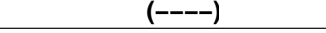


3300

3325





ension (TENS) (LBF)	0	Bit Size (BS) (IN)	20	0	EMEX Voltage (EV) (V)	50	Data Button 1 – Varies with RBS (U-MEST_RB1)	-10	(----)	90	 MEST_PADA (U-MEST_RESISTIVITY_PADA_DS) (----)
0	5000										2.0125 2.6846 3.3567 4.0289 4.5329 5.0370 5.3731 5.7091 6.0452 6.3813 6.8854 7.3895 8.0616 9.0697 10.0779 12.4304
		Caliper 1 (C1) (IN)	20	0	EMEX Intensity (EI) (AMPS)	10	Data Button 2 – Varies with RBS (U-MEST_RB2)	-20	(----)	80	 MEST_PADB (U-MEST_RESISTIVITY_PADB_DS) (----)
		Caliper 2 (C2) (IN)	20				Data Button 3 – Varies with RBS (U-MEST_RB3)	-30	(----)	70	 MEST_PADC (U-MEST_RESISTIVITY_PADC_DS) (----)
							Data Button 4 – Varies with RBS (U-MEST_RB4)	-40	(----)	60	 MEST_PADD (U-MEST_RESISTIVITY_PADD_DS) (----)
		Deviation (DEVIM) (DEG)	10				Data Button 5 – Varies with RBS (U-MEST_RB5)	-50	(----)	50	
		Gamma Ray (GR_EDTC) (GAPI)	150				Data Button 6 – Varies with RBS (U-MEST_RB6)	-60	(----)	40	
		Hole Azimuth (HAZIM) (DEG)	360				Data Button 7 – Varies with RBS (U-MEST_RB7)	-70	(----)	30	
		Pad One Azimuth (P1AZ_MEST) (DEG)	360				Data Button 8 – Varies with RBS (U-MEST_RB8)	-80	(----)	20	
		Relative Bearing (RB_MEST) (DEG)	360								

PIP SUMMARY

 Time Mark Every 60 S

Parameters			
DLIS Name	Description	Value	
MEST-B:	Micro Electrical Scanner – B (Slim)		
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE	
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION	
MDEC	Magnetic Field Declination	-10.8417	DEG
MLM	MEST Logging Mode	SCAN1800	
RBS	Resistivity Button Selection	AUTO	
XGAI	Gain	GAIN_2	
XOFF	Offset	OFFSET_0	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Format: MEST_C_WRAP_BY_P1AZ Vertical Scale: 1:200 Graphics File Created: 09-Aug-2023 23:35

OP System Version: 19C0-187

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

Output DLIS Files

DEFAULT	FMS_DSI_NGS_039LUP	FN:46	PRODUCER	09-Aug-2023 23:35
RTB	FMS_DSI_NGS_039LUP	FN:47	PRODUCER	09-Aug-2023 23:35

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	71590	–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

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			
2	Before		1842	1781	2095	1549
	After		1834			
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	70000	82360	60900
	After		71440			
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		69320			
5	Before		69860	70000	82360	60900
	After		69800			
6	Before		-68200	-70000	-60900	-82360
	After		-67960			

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 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				
5	Before		–69860	–70000	–60900	–82360	
	After		–69800				
6	Before		68060	70000	82360	60900	
	After		67820				
7	Before		–70000	–70000	–60900	–82360	
	After		–70000				

Hostile Litho-Density Sonde / Equipment Identification

Primary Equipment:

Gamma Source Radioactive
Hostile Litho Density Sonde
Hostile Litho Density High Voltage

GSR – ZA 2945
HLDS – D 35
HLDV – D 35

Auxiliary Equipment:

Hostile Litho Density High Voltage Housi
Hostile Litho Density Pad

HEH – H 35
HLDV – C 35

Hostile Litho-Density Sonde Wellsite Calibration

Background Measurement

Background Measurement											
Phase	SS Cs Resolution Bkg %		Value	Phase	LS Cs Resolution Bkg %		Value	Phase	LSW1 Background CPS		Value
Master	<div><div></div></div>		8.117	Master	<div><div></div></div>		7.703	Master	<div><div></div></div>		56.06
Before	<div><div></div></div>		8.080	Before	<div><div></div></div>		7.699	Before	<div><div></div></div>		55.13
After	<div><div></div></div>		7.958	After	<div><div></div></div>		7.791	After	<div><div></div></div>		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	<div><div></div></div>		52.18	Master	<div><div></div></div>		113.2	Master	<div><div></div></div>		140.7
Before	<div><div></div></div>		52.75	Before	<div><div></div></div>		112.9	Before	<div><div></div></div>		140.2
After	<div><div></div></div>		51.33	After	<div><div></div></div>		112.1	After	<div>EXCEEDS LIMIT</div>		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	<div>EXCEEDS LIMIT</div>		323.9	Master	<div><div></div></div>		62.70	Master	<div><div></div></div>		113.3
Before	<div>EXCEEDS LIMIT</div>		320.8	Before	<div><div></div></div>		63.31	Before	<div><div></div></div>		111.5
After	<div>EXCEEDS LIMIT</div>		320.2	After	<div><div></div></div>		63.68	After	<div><div></div></div>		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	<div><div></div></div>		305.6	Master	<div><div></div></div>		160.0	Master	<div><div></div></div>		116.0
Before	<div><div></div></div>		304.2	Before	<div><div></div></div>		158.0	Before	<div><div></div></div>		116.1
After	<div><div></div></div>		301.0	After	<div><div></div></div>		160.4	After	<div><div></div></div>		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:

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	<div><div></div></div>			26.04	Master	<div><div></div></div>			24.58	Master	<div><div></div></div>			23.51			
Before	<div><div></div></div>			26.69	Before	<div><div></div></div>			24.45	Before	<div><div></div></div>			24.92			
After	<div><div></div></div>			26.47	After	<div><div></div></div>			23.80	After	<div><div></div></div>			23.86			
1.000 (Minimum)				30.00 (Nominal)	50.00 (Maximum)				1.000 (Minimum)				30.00 (Nominal)	50.00 (Maximum)			
Phase	Array–2 Det Bkg Cntrate CPS			Value	Phase	Array Therm Det Bkg Cntrate CPS			Value								
Master	<div><div></div></div>			24.23	Master	<div><div></div></div>			25.48								
Before	<div><div></div></div>			24.81	Before	<div><div></div></div>			25.09								
After	<div><div></div></div>			24.47	After	<div><div></div></div>			23.39								
1.000 (Minimum)				30.00 (Nominal)	50.00 (Maximum)				1.000 (Minimum)						30.00 (Nominal)	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)			0.9250 (Nominal)	1.050 (Maximum)			0.9000 (Minimum)			1.030 (Nominal)	1.170 (Maximum)
0.9700 (Minimum)			1.000 (Nominal)	1.030 (Maximum)			0.9700 (Minimum)			1.000 (Nominal)	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)				5.500 (Minimum)				6.000 (Nominal)				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)				20.00 (Minimum)				27.50 (Nominal)				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	HNSH – BA	102
Gamma Source Radioactive	GSR – U	135

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			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)							

(Minimum) (Nominal) (Maximum)			(Minimum) (Nominal) (Maximum)			(Minimum) (Nominal) (Maximum)			
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	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)
Phase	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											
Phase	Na 511 Peak Loc		Value	Phase	Na 511 Peak Res %		Value	Phase	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)
Phase	Na 1785 Peak Loc		Value	Phase	Na 1785 Peak Res %		Value	Phase	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)
Phase	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
<div><div>0.9500 (Minimum)</div><div>1.000 (Nominal)</div><div>1.050 (Maximum)</div></div>		
Master: Calibration out of date 18-Apr-2023 21:32		
Before: 9-Aug-2023 9:13		
After: 9-Aug-2023 18:54		

Enhanced DTS Cartridge / Equipment Identification

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

Well:

Expedition 395, Site U1564F

Field:

Reykjanes Mantle Convection and Climate

Rig:

JOIDES Resolution

Country:

Iceland

Schlumberger

Formation Micro–Scanner (FMS)

Dipole Sonic Imager (DSI)