

**Schlumberger**

Company: **International Ocean Discovery Program**

Well: **Expedition 399, Site U1601C**

Field: **Building Blocks of Life, Atlantis Massif**

Rig: **JOIDES Resolution**      Country: **Portugal**

Well: **Expedition 399, Site U1601C**  
Field: **Building Blocks of Life, Atlantis Massif**  
Rig: **JOIDES Resolution** Country: **Portugal**

Rig:	JOIDES Resolution	DSST FMS			
Field:	Building Blocks of Life, Atlantis M				
Location:	Latitude: N 30° 7.9417'	LOCATION	Latitude: N 30° 7.9417'		Elev.: K.B. 0.00 m
Well:	Expedition 399, Site U1601C		Longitude: W 42° 7.2072'		G.L. -861.00 m
Company:	International Ocean Discovery Pr	LOCATION	Permanent Datum: Sea Floor		Elev.: -861.00 m
			Log Measured From: Rig Floor		861.00 m above Perm. Datum
			Drilling Measured From: Rig Floor		
		Ocean: North Atlantic	Max. Well Deviation 9.5 deg	Longitude W 42.12012*	Latitude N 30.13236*

Logging Date			27-May-2023					
Run Number			4					
Depth Driller			2043 m					
Schlumberger Depth			1932.5 m					
Bottom Log Interval			1934 m					
Top Log Interval			855 m					
Casing Driller Size @ Depth			13.375 in	@	2043 m		@	
Casing Schlumberger			1 m					
Bit Size			9.875 in					
Type Fluid In Hole			Seawater					
MUD	Density	Viscosity	9 lbm/gal					
	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	0.095 @ 82	@	82	@	82	@	@
Maximum Recorded Temperatures			82 degC					
Circulation Stopped		Time	25-May-2023		18:00			
Logger On Bottom		Time	27-May-2023		16:41			
Unit Number		Location	627314 Larose, LA					
Recorded By			K. Garrett					
Witnessed By			B. Rhinehart					

[illegible]

DISCLAIMER

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
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Drill pipe set at 891.9mbrf	
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All logs presented in wireline measured depth below rig floor (MDBRF).	
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Hole size corrections made using caliper measurements for upward passes	bit size
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Caliper opened during upward passes; closed inside pipe/well and while logging down
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	RUN 1	RUN 2
1	1	1
2	1	1
3	1	1
4	1	1
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6	1	1
7	1	1
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9	1	1
10	1	1
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98	1	1
99	1	1
100	1	1

PROGRAM VERSION: FLUID LEVEL:	19C0-187	PROGRAM VERSION: FLUID LEVEL:
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LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP


[illegible]

	RUN 1	RUN 2
1	1	1
2	1	1
3	1	1
4	1	1
5	1	1
6	1	1
7	1	1
8	1	1
9	1	1
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14	1	1
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100	1	1

GSR-U 135	
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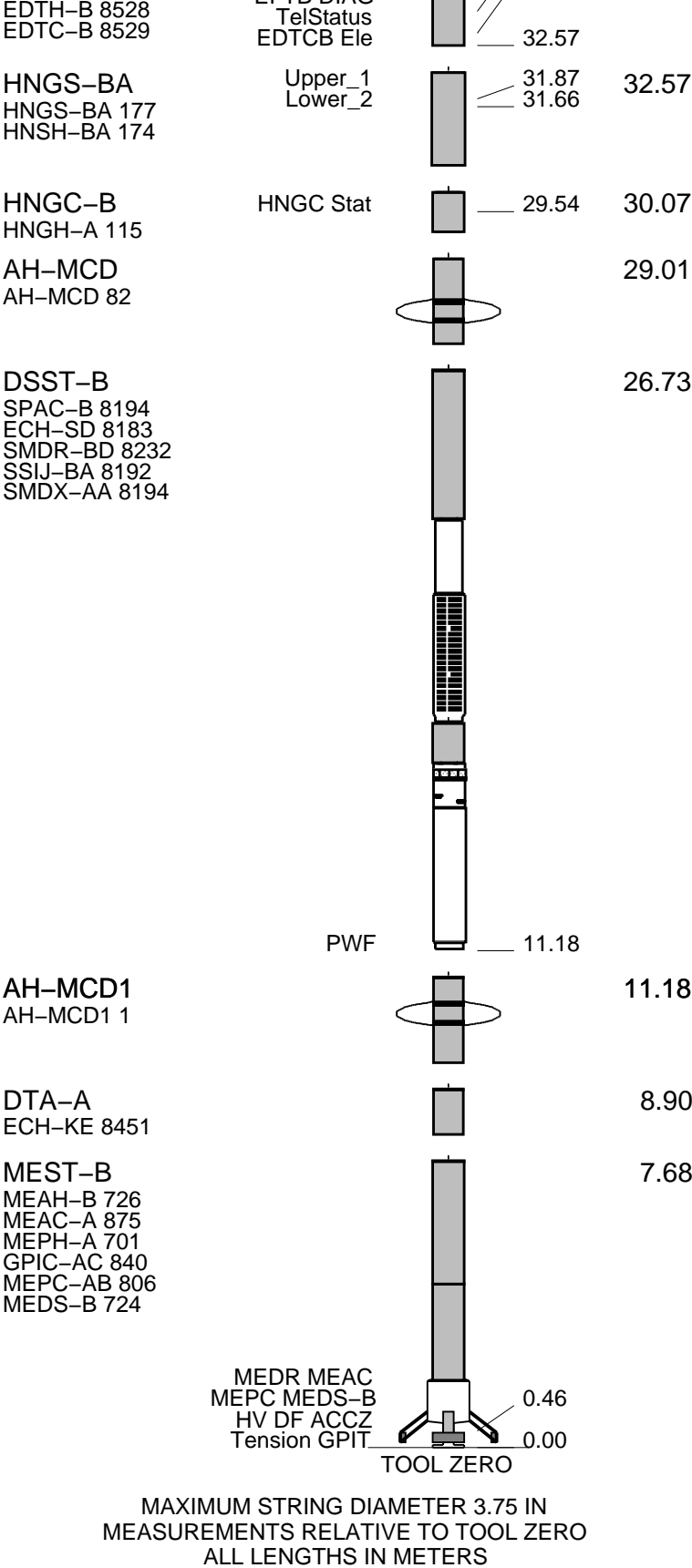
DOWNHOLE EQUIPMENT	
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LEH-PT 1060		33:33
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API-255	MDSB_EDTC	—	33.90
API-255	Mud_Temp	—	34.55

EDTC-B	Gamma Ray		32.92	34 55
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Schlumberger

Downlog

MAXIS Field Log

Input DLIS Files

DEFAULT Flip\_FMS\_DSI\_NGS\_116LUP PRODUCER 30-May-2023 16:35 1936.5 M 820.7 M

Output DLIS Files

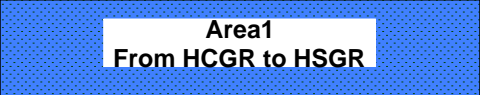
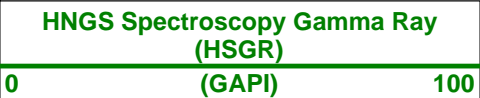
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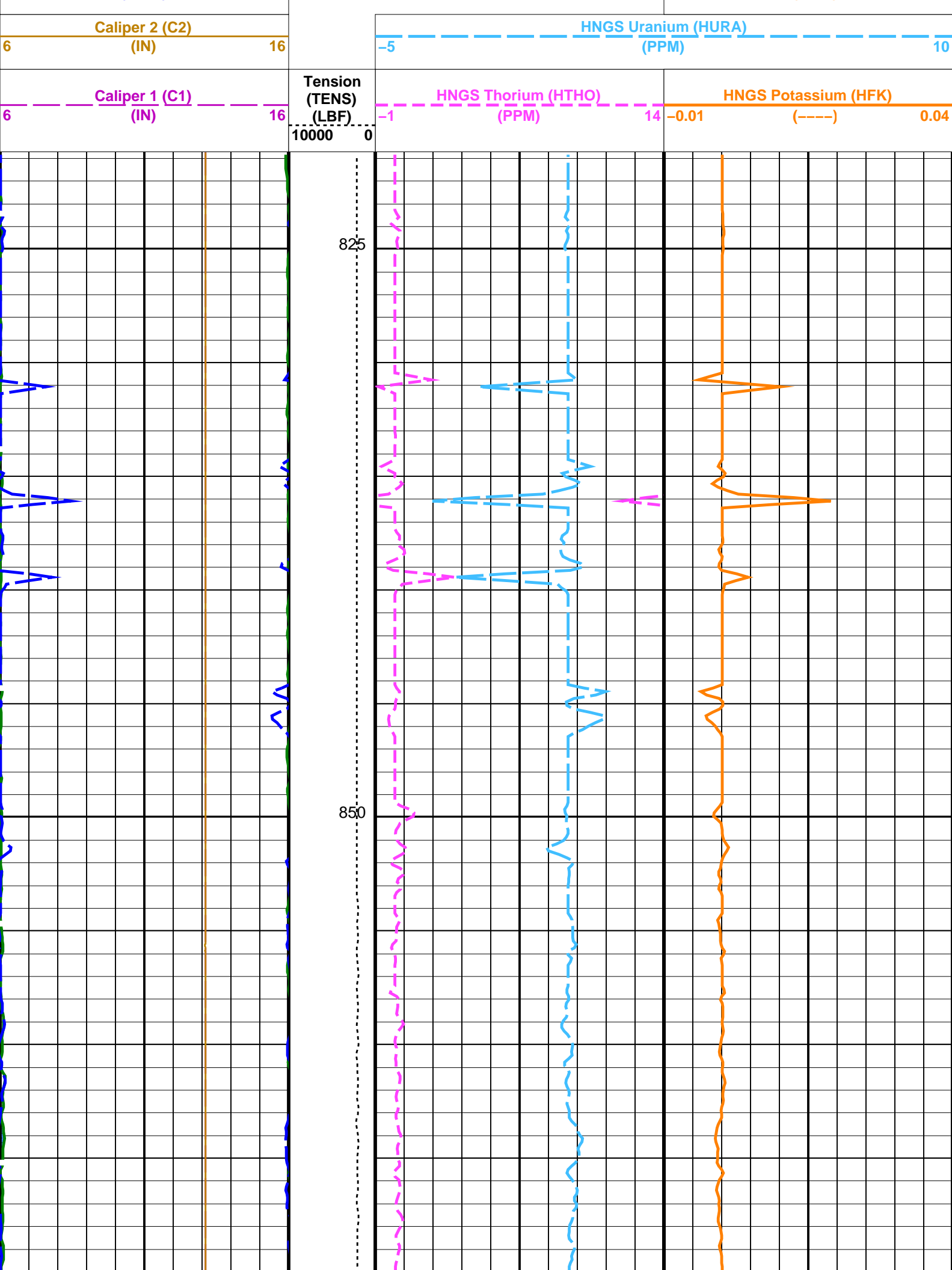
OP System Version: 19C0-187

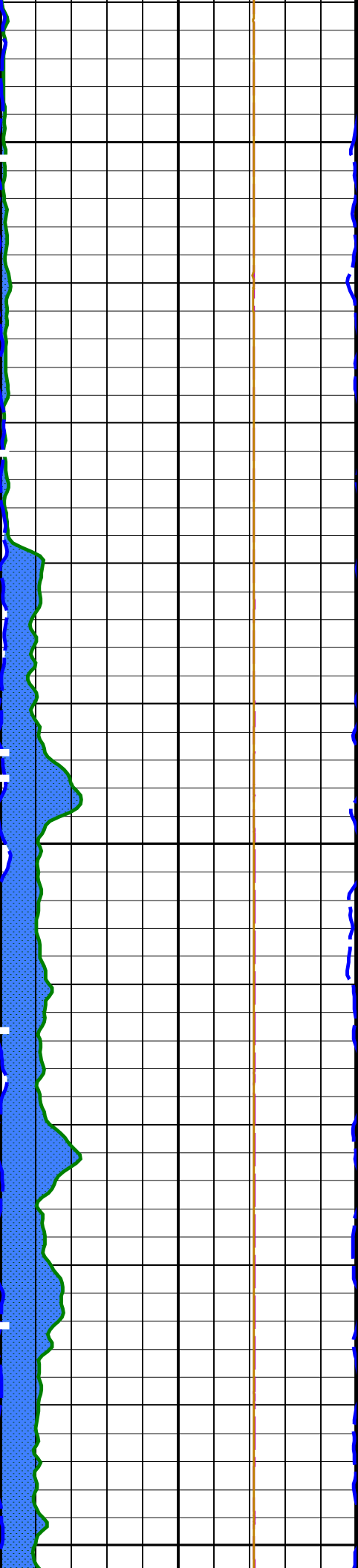
MEST-B 19C0-187 DTA-A 19C0-187  
DSST-B 19C0-187 HNGC-B 19C0-187  
HNGS-BA 19C0-187 EDTC-B 19C0-187

PIP SUMMARY

 Time Mark Every 60 S



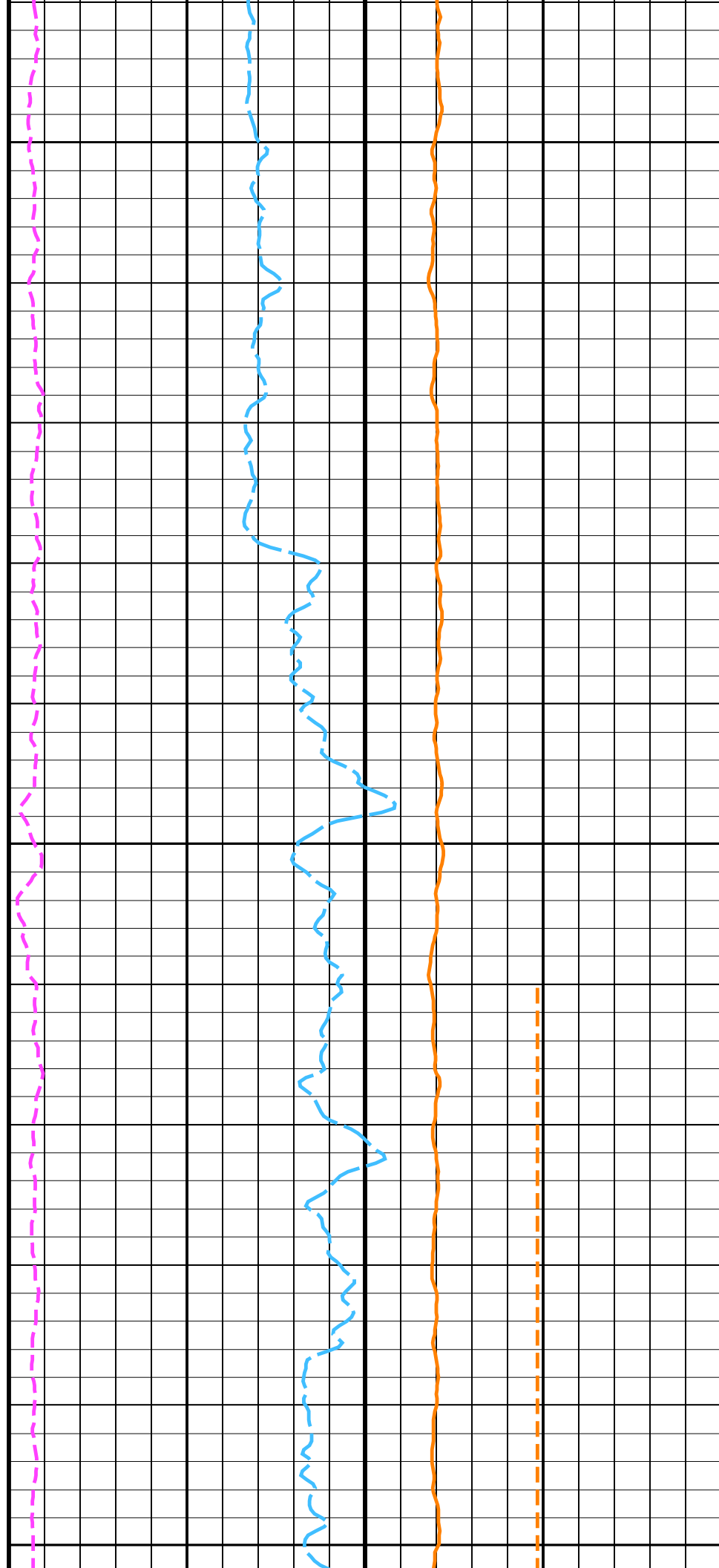


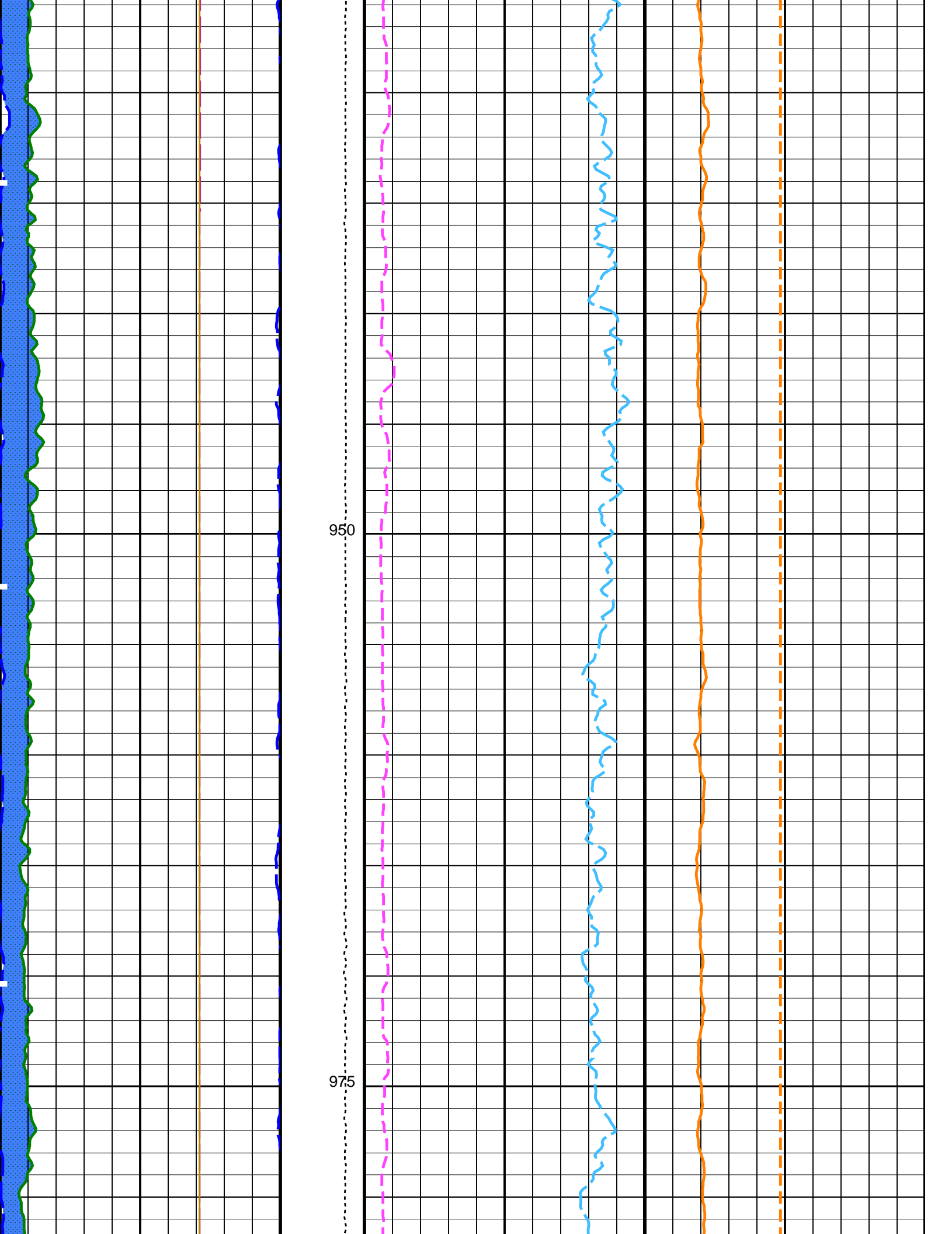


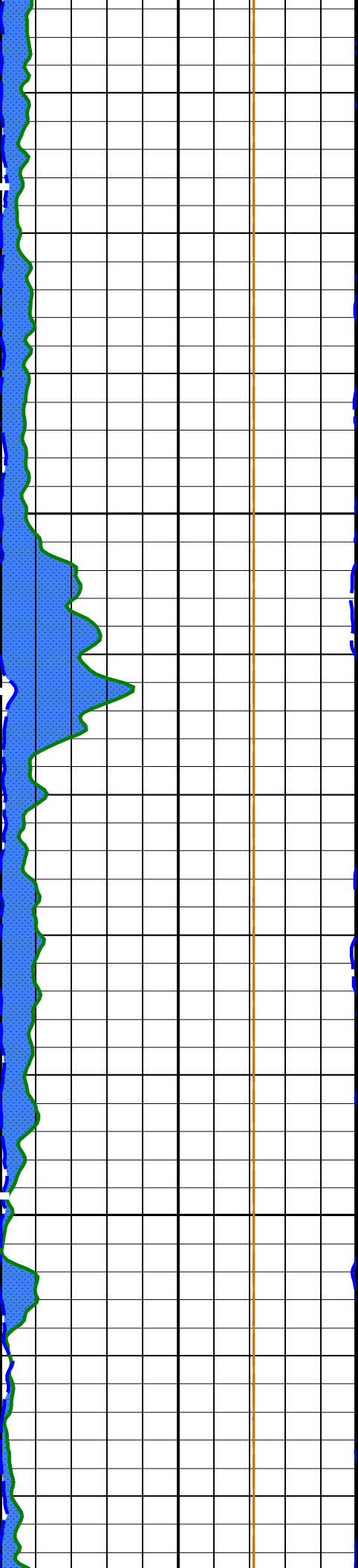
875

900

925

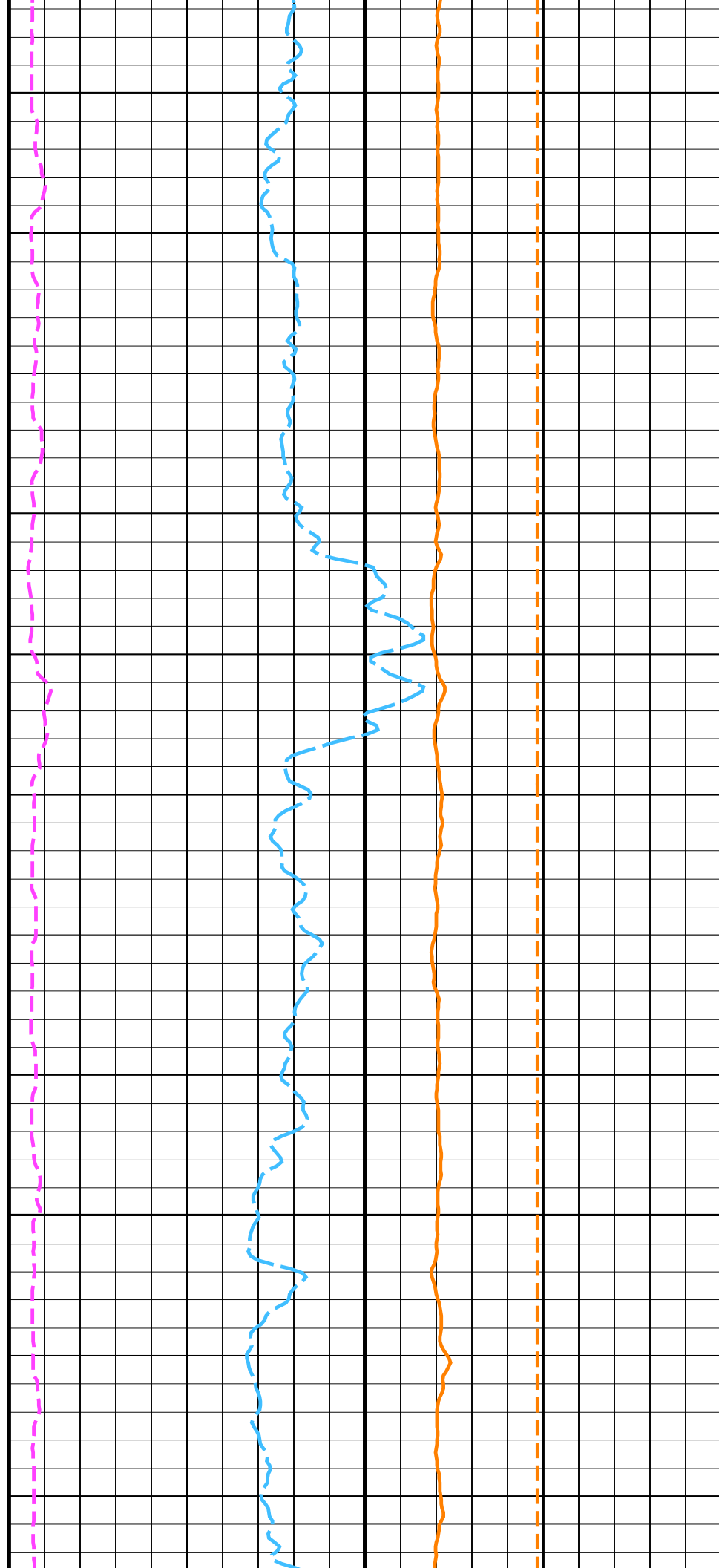


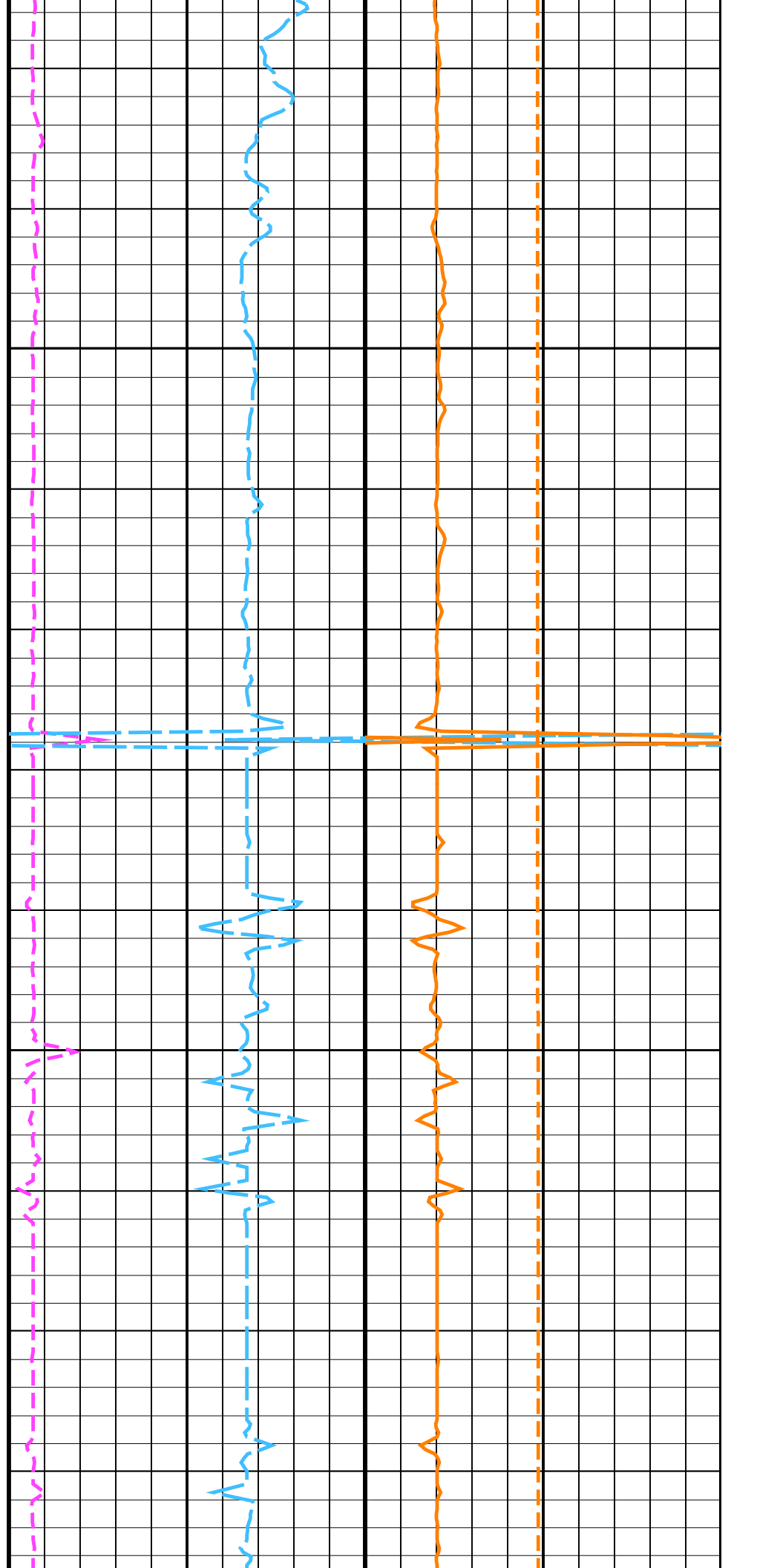
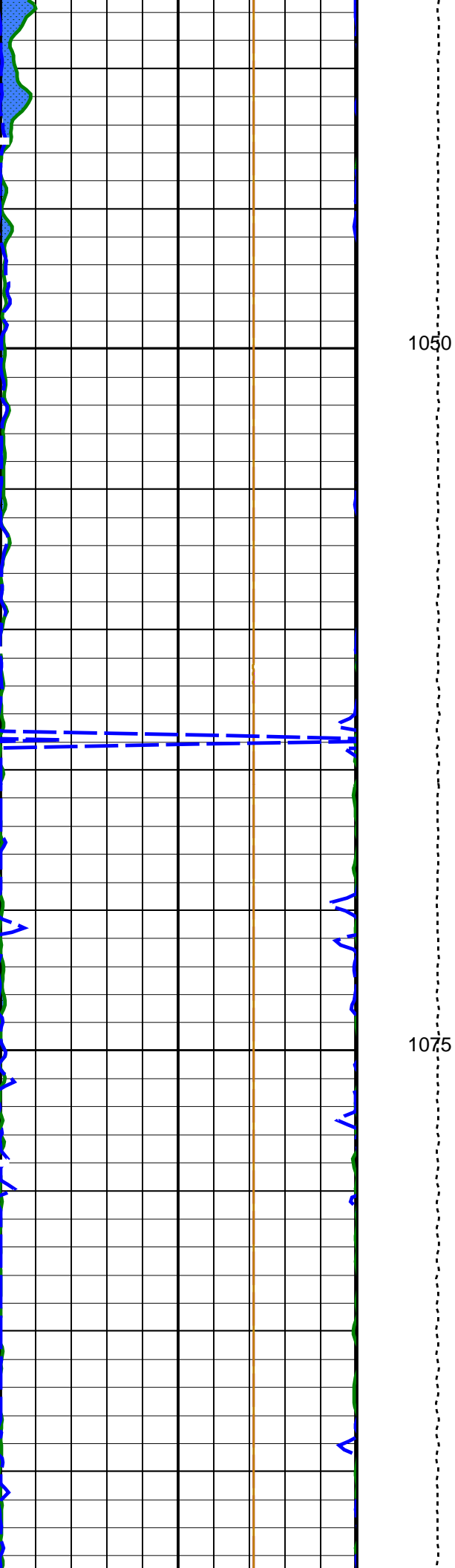


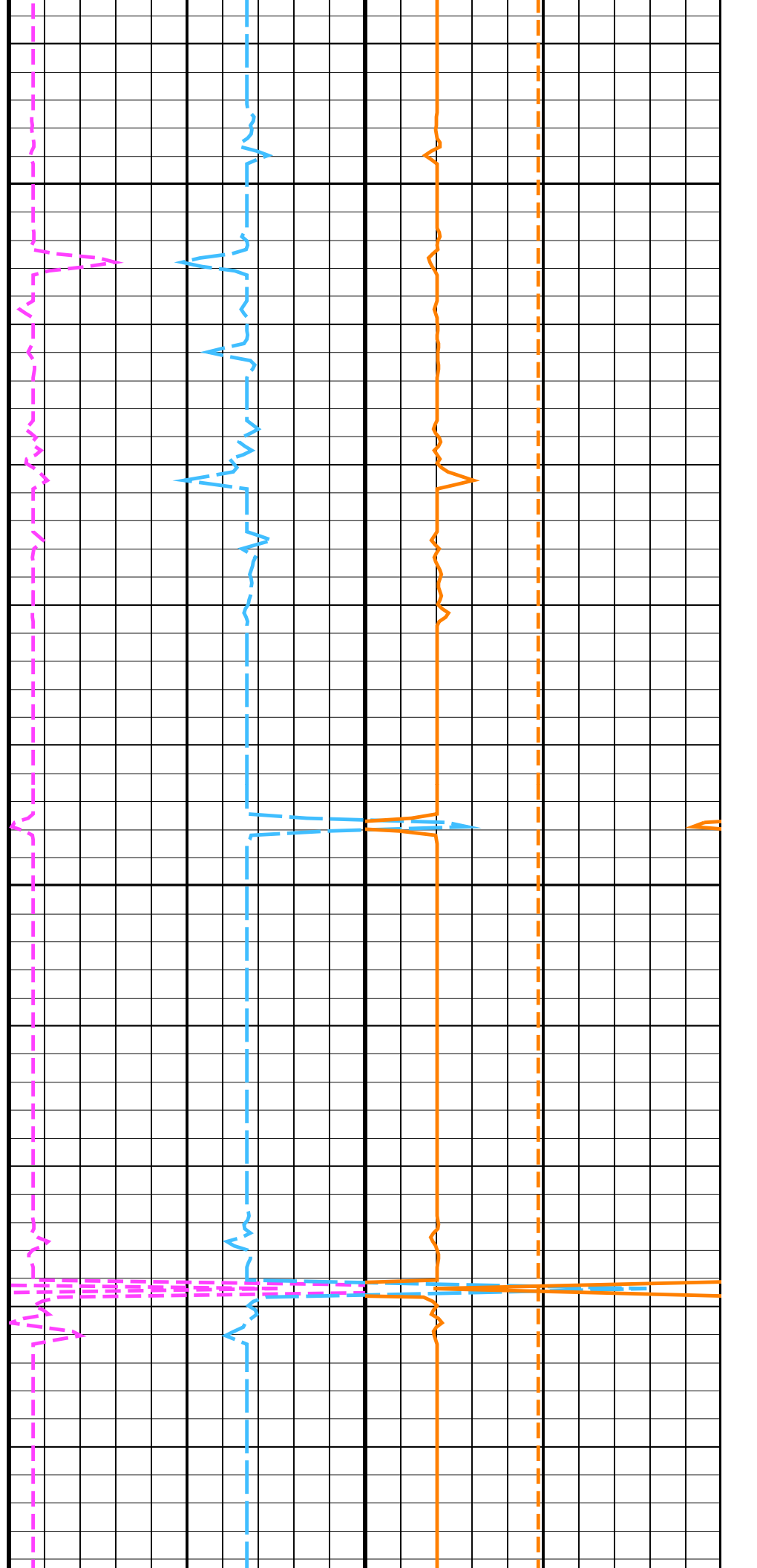
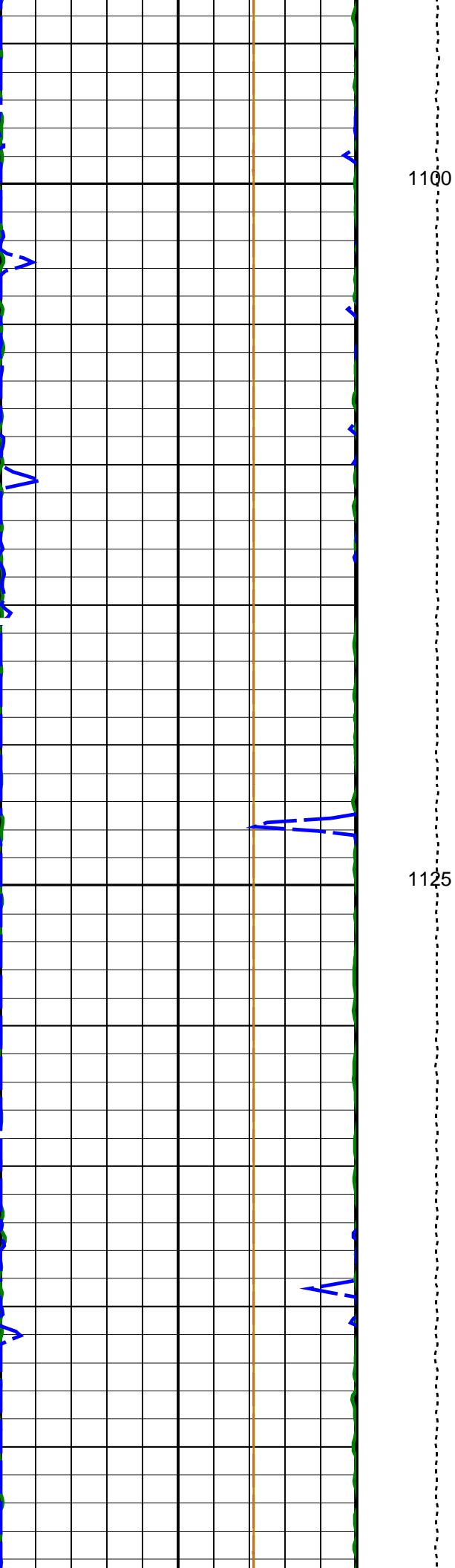


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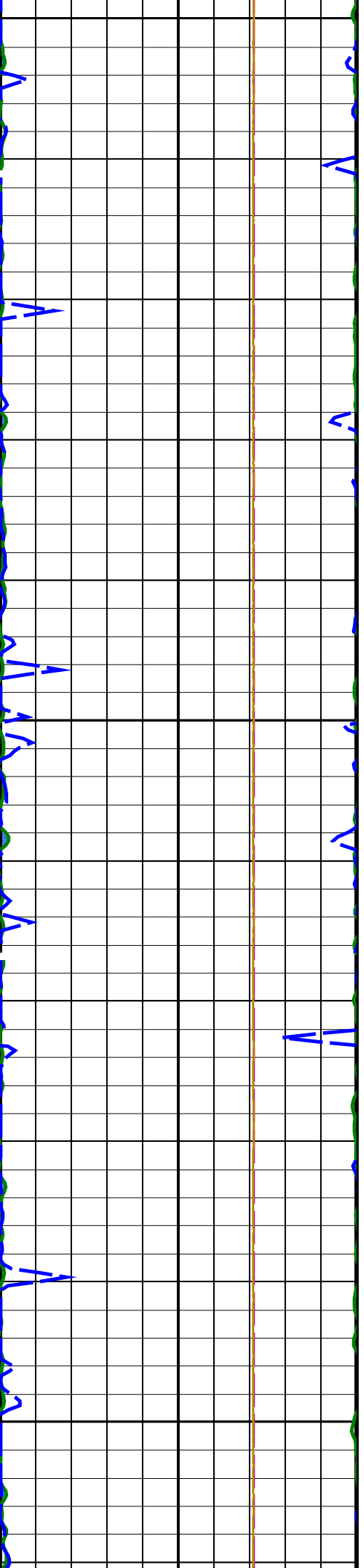
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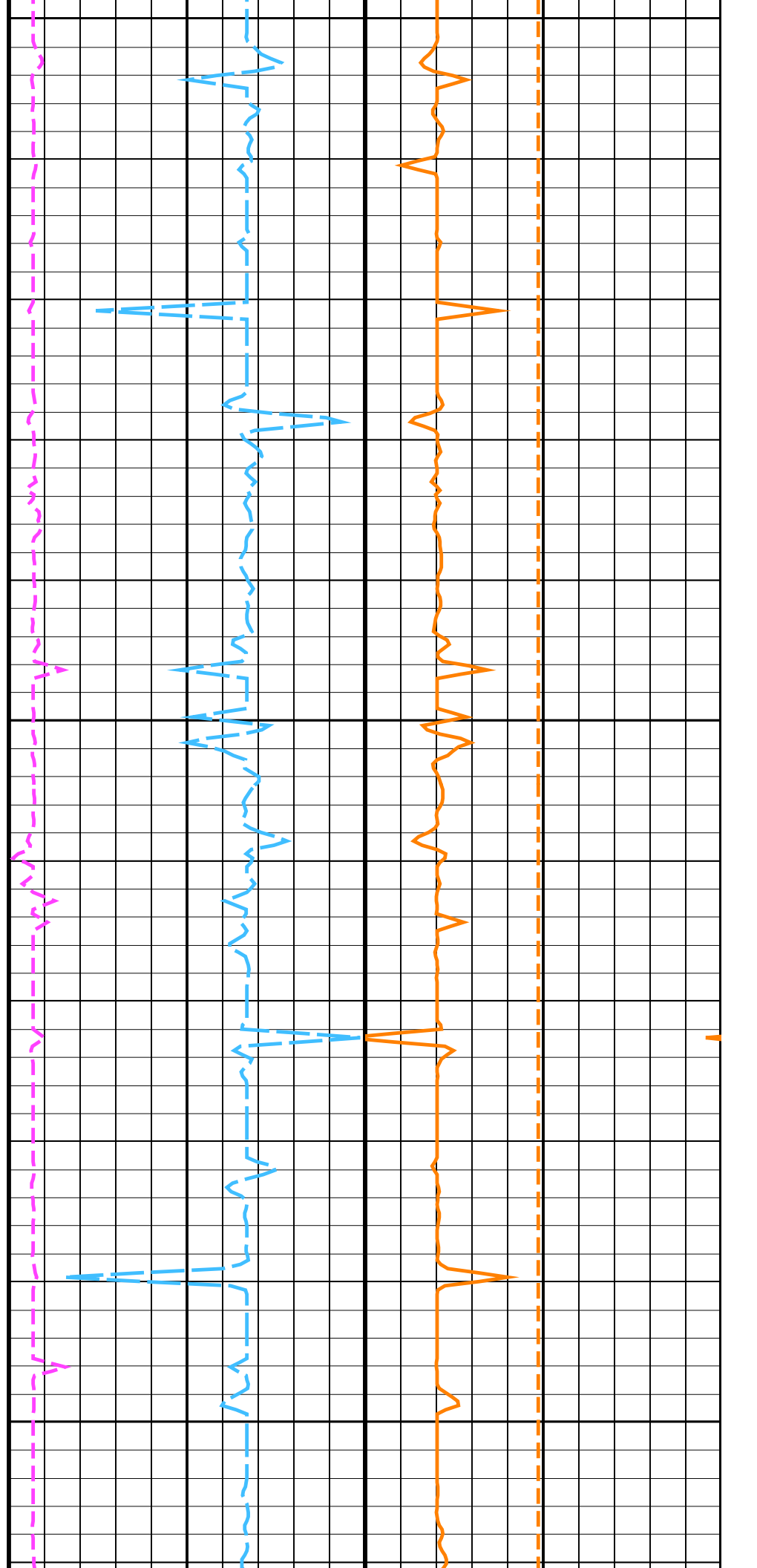


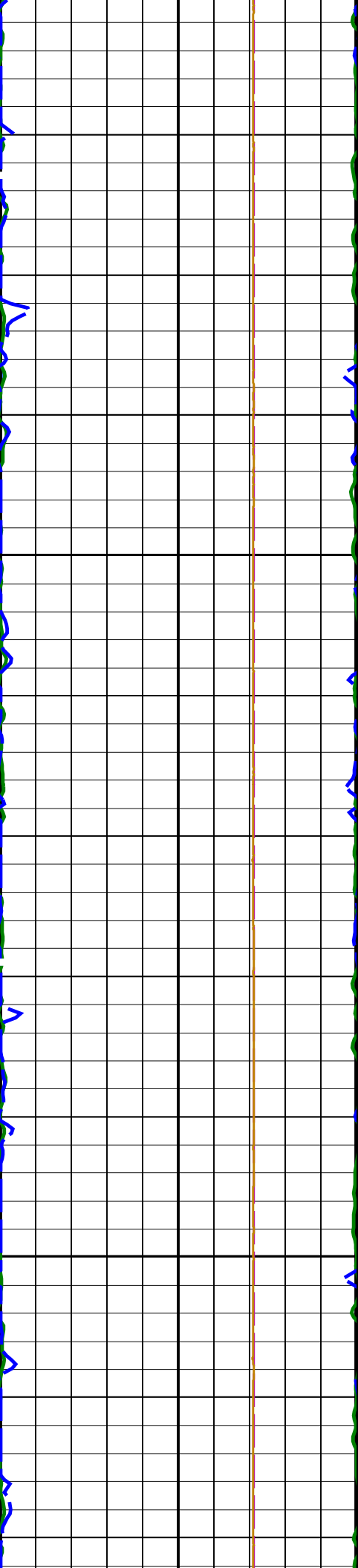


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1175

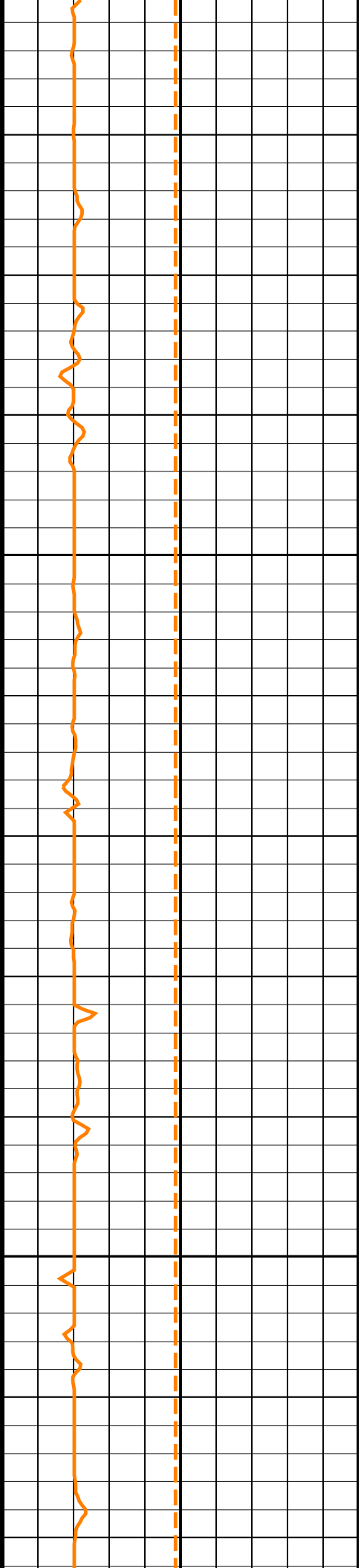
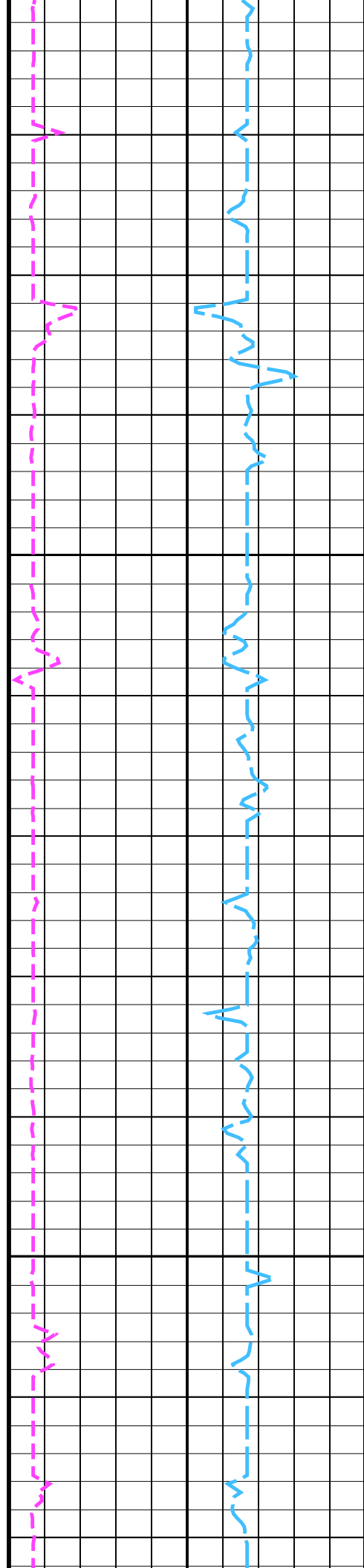
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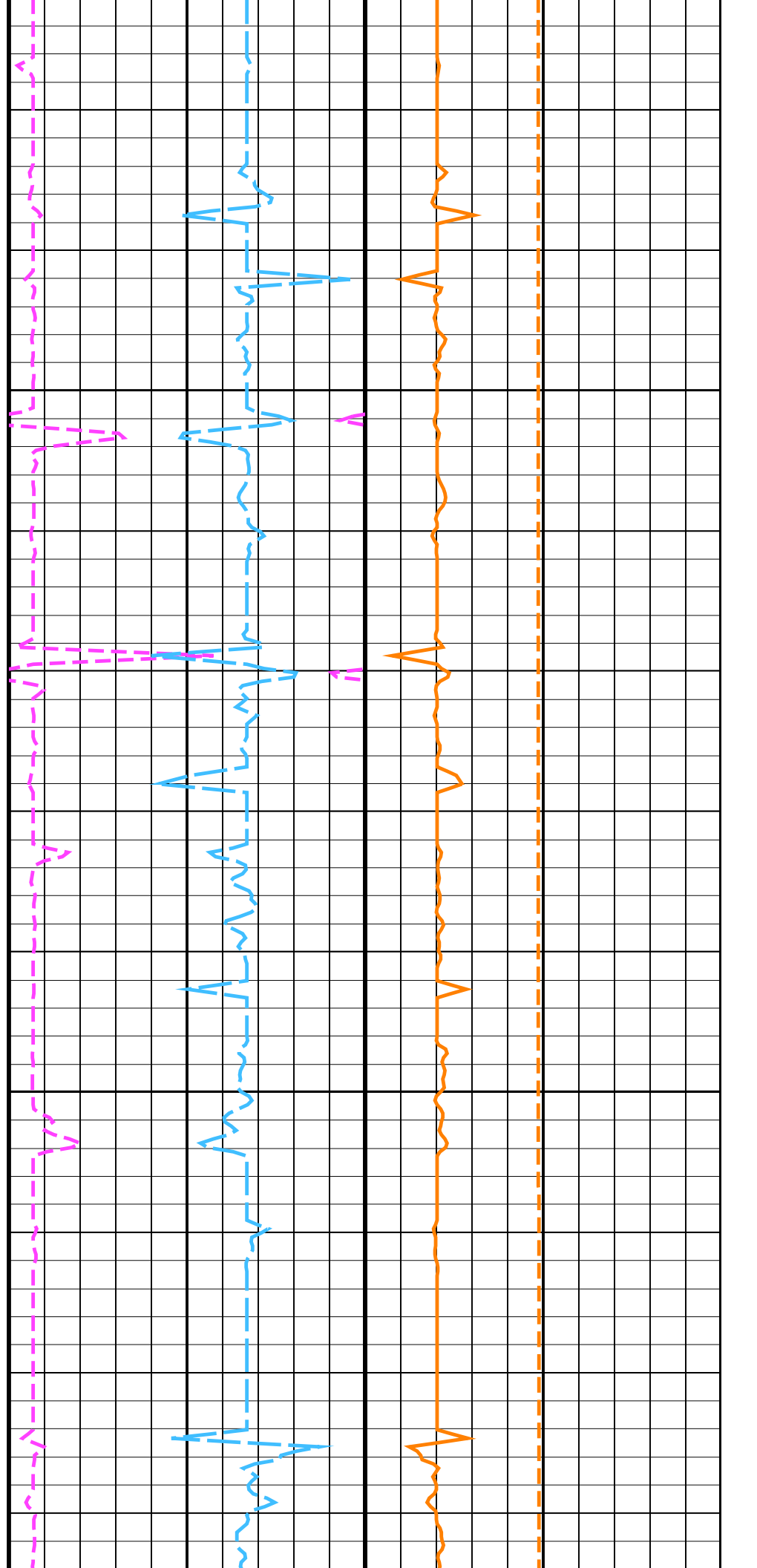
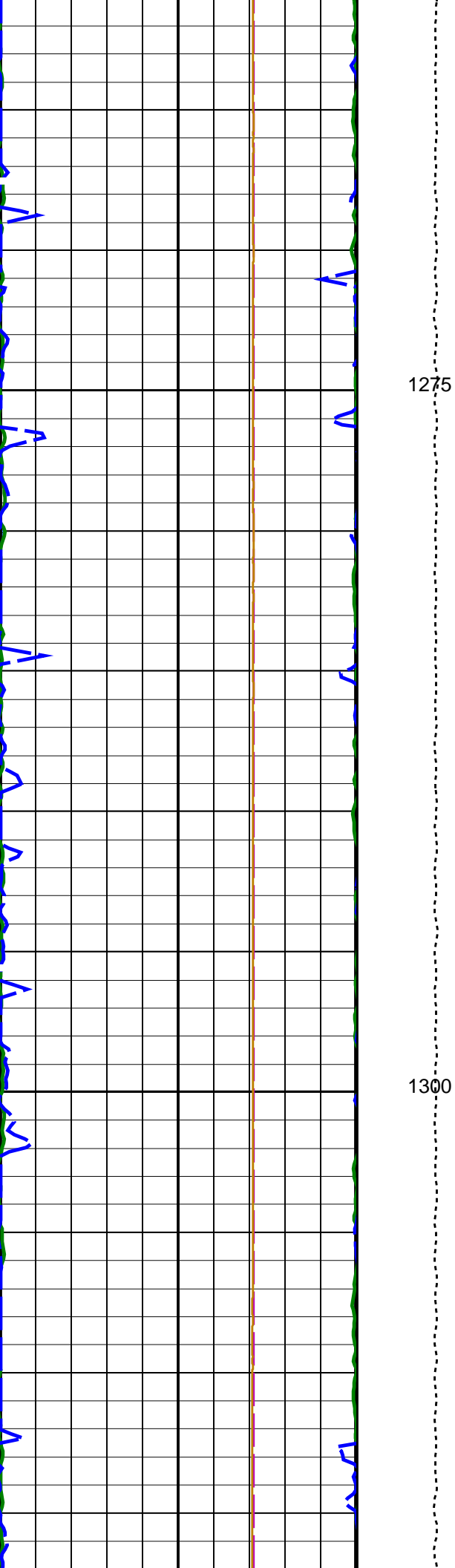


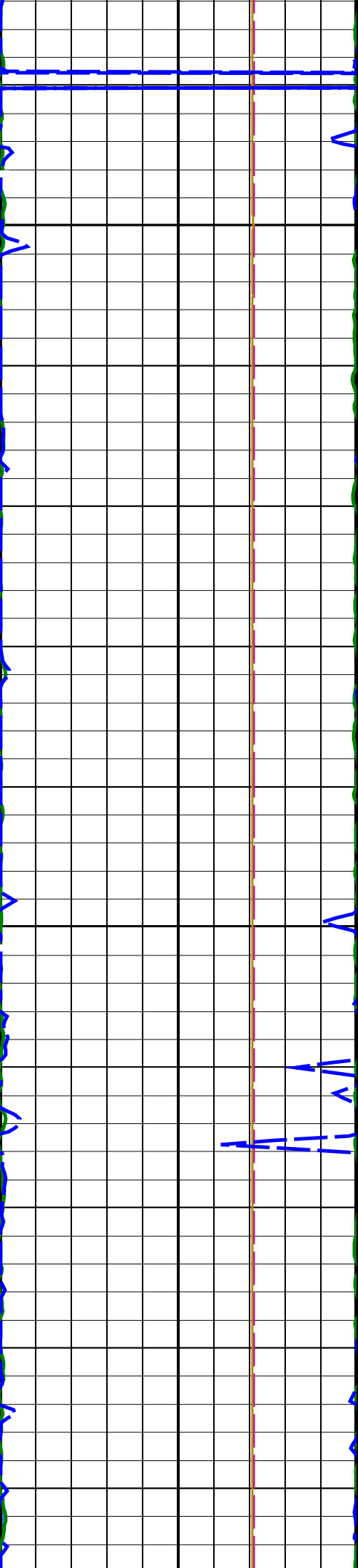


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1250

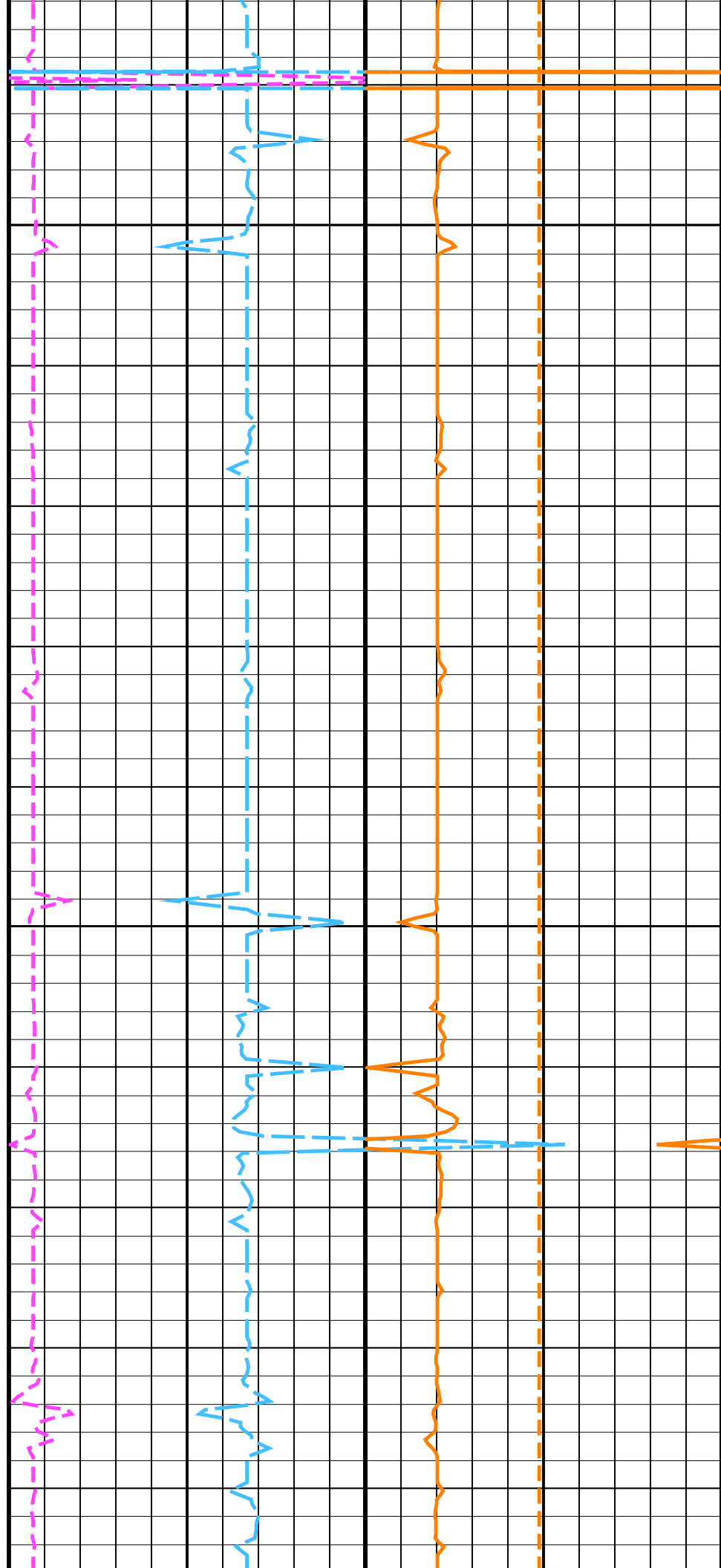


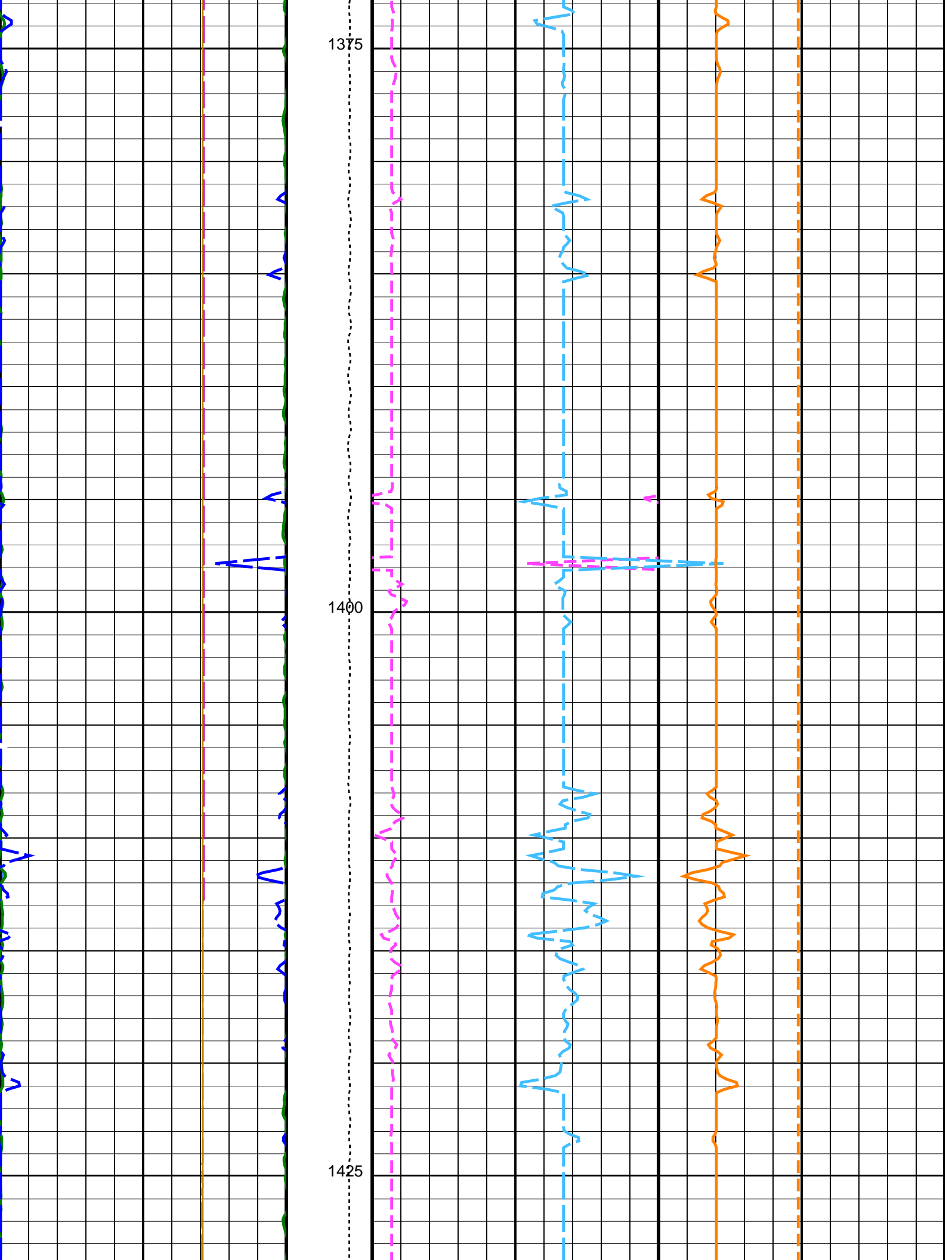


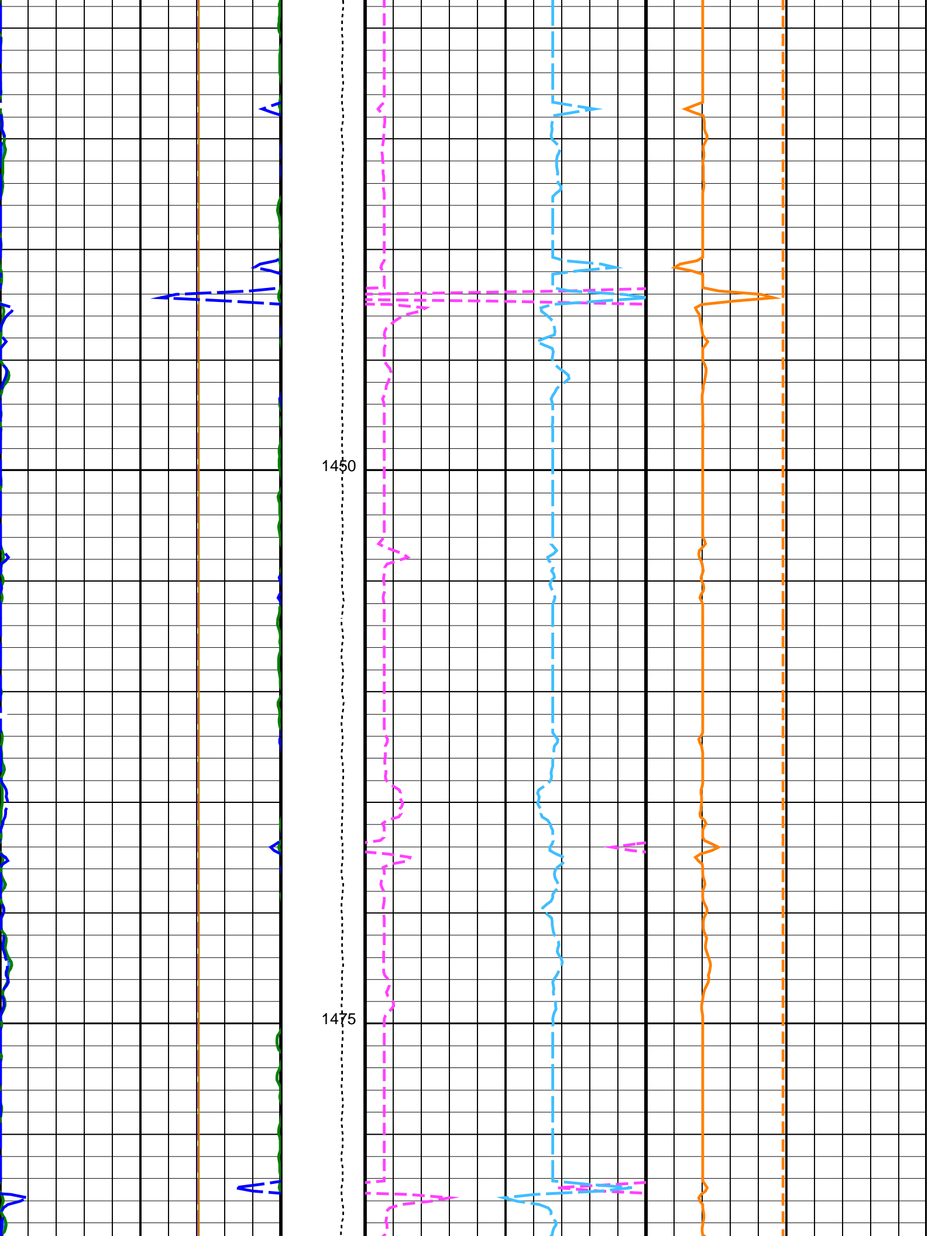


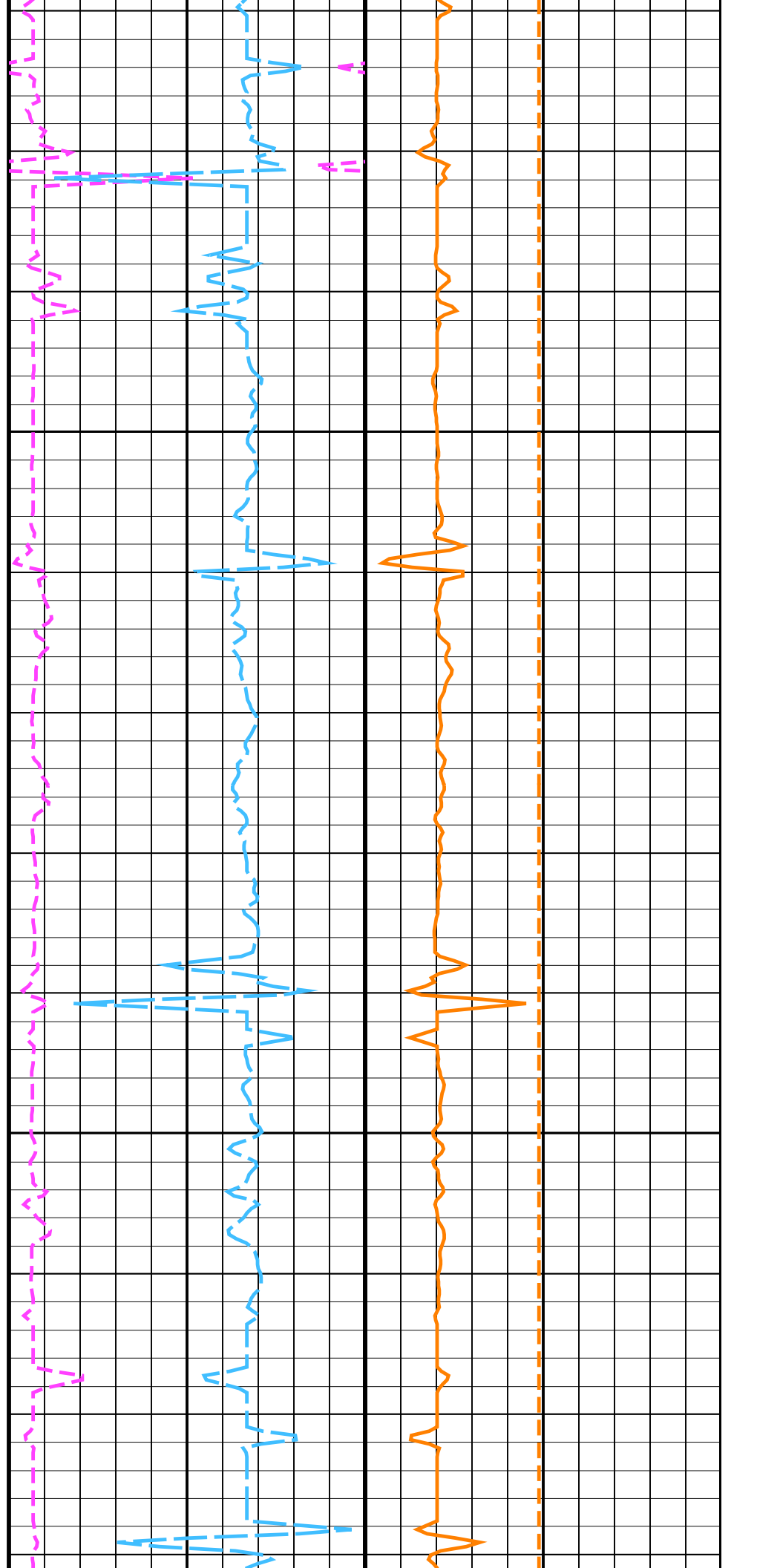
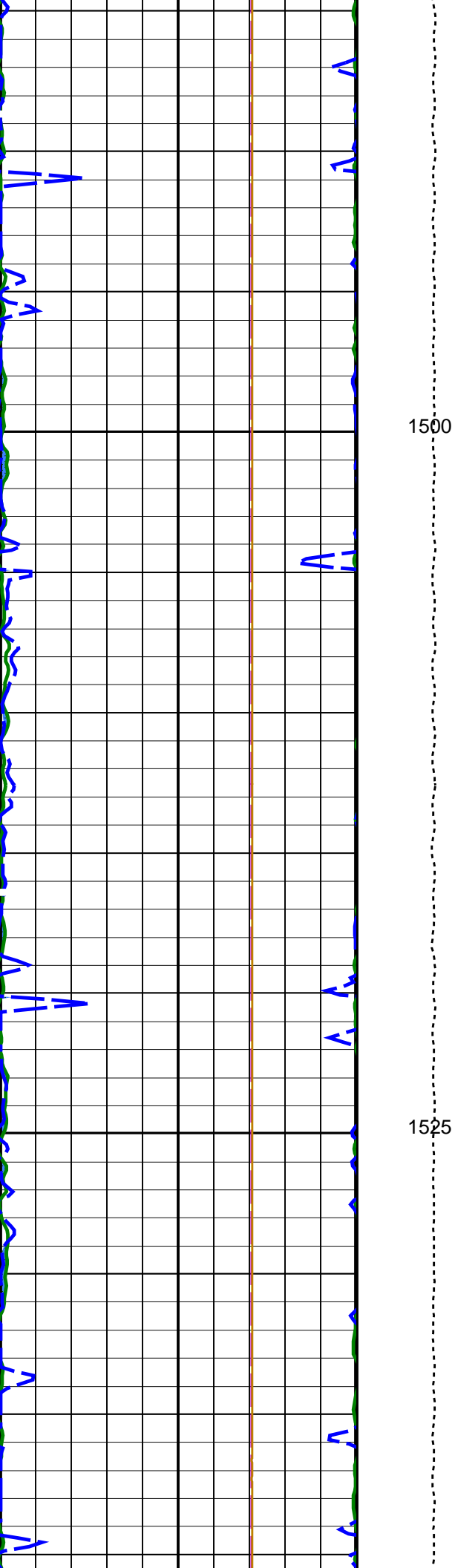
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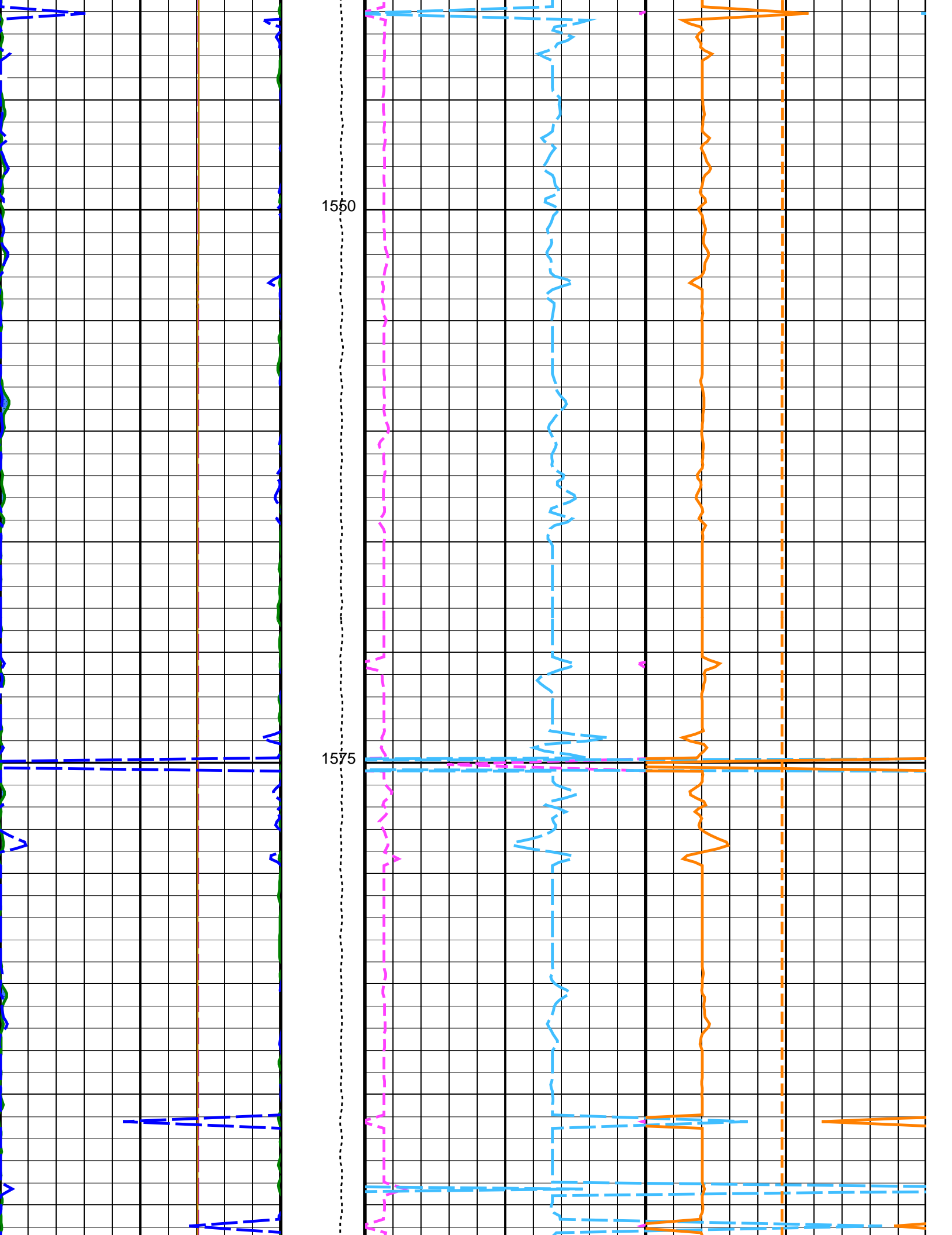
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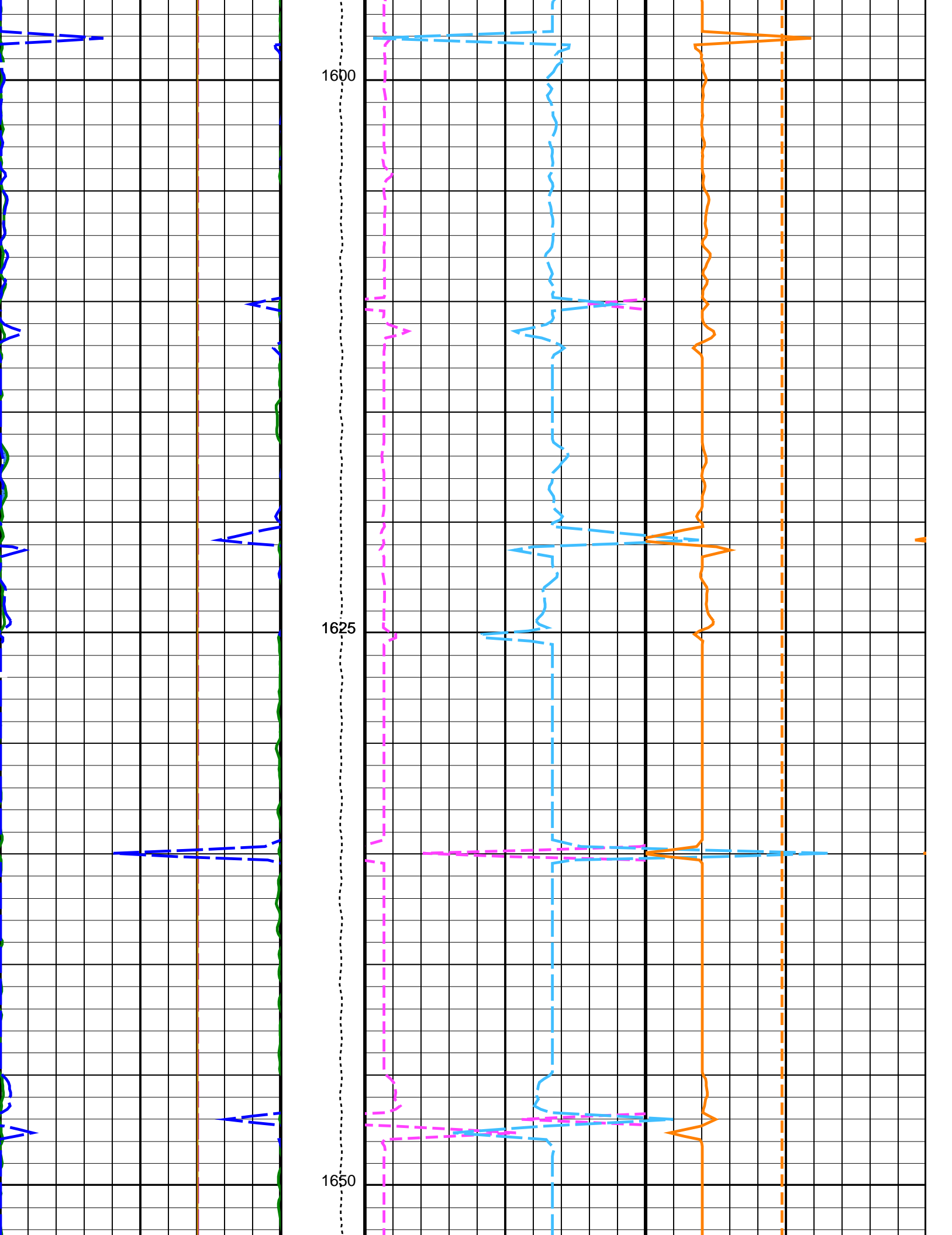


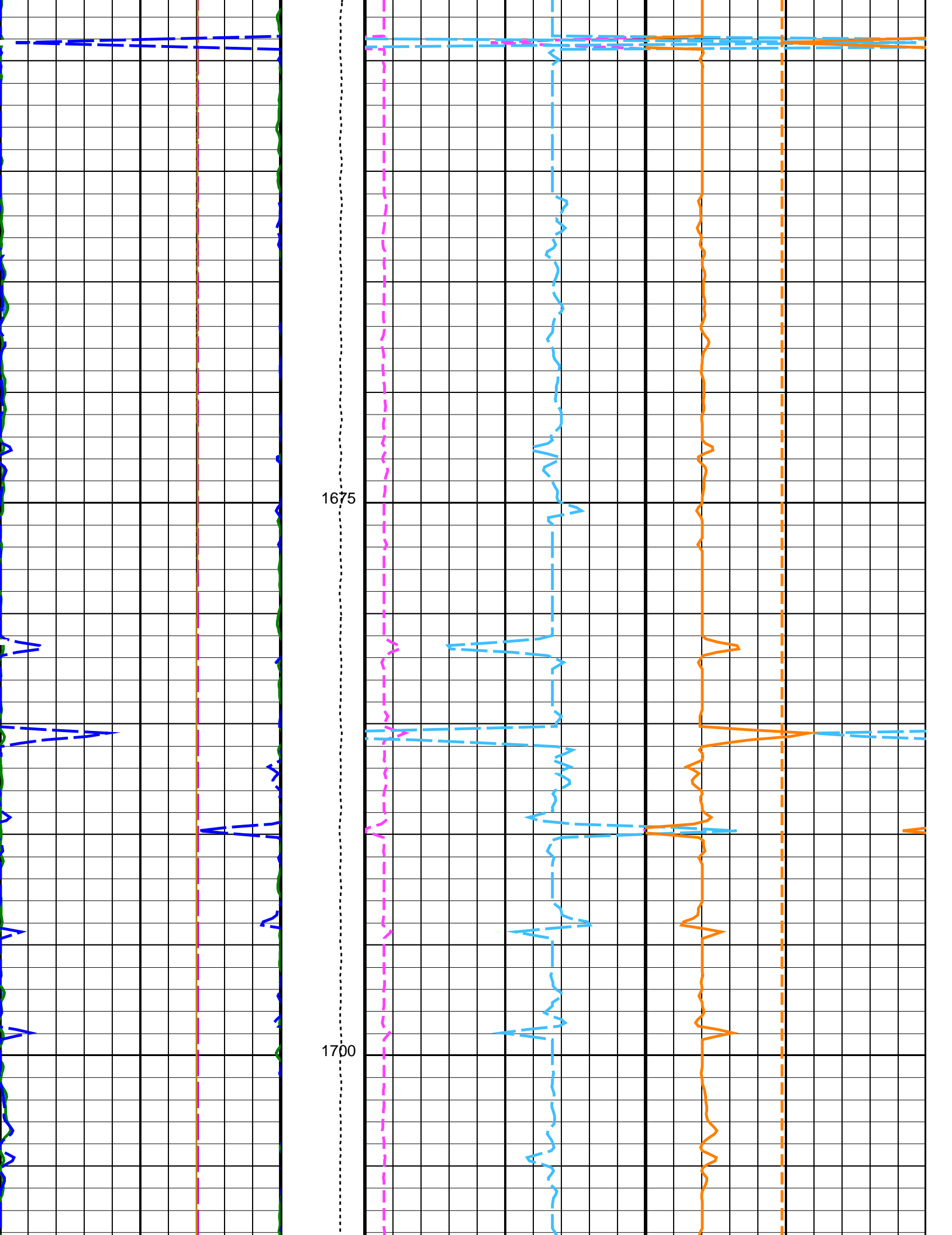


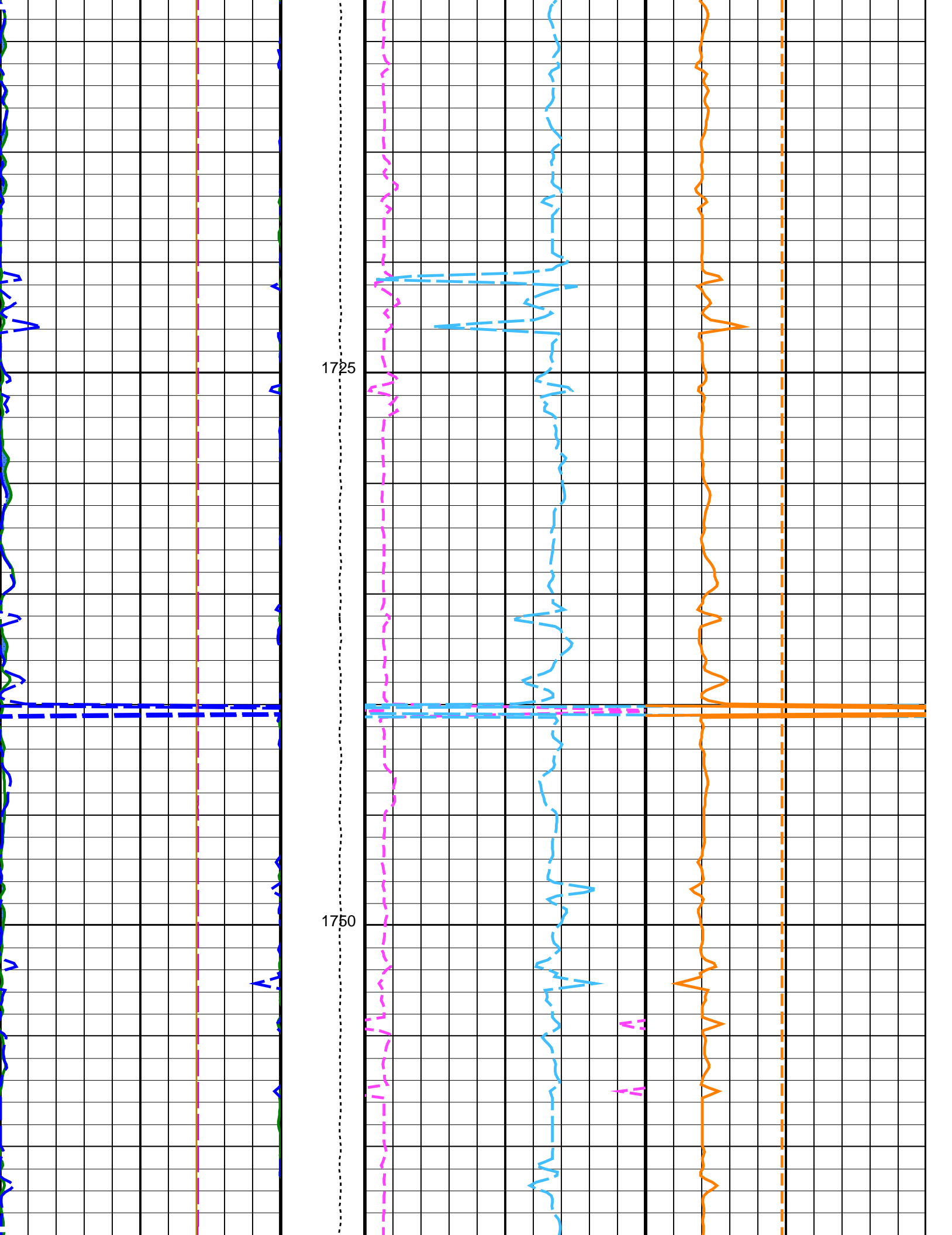


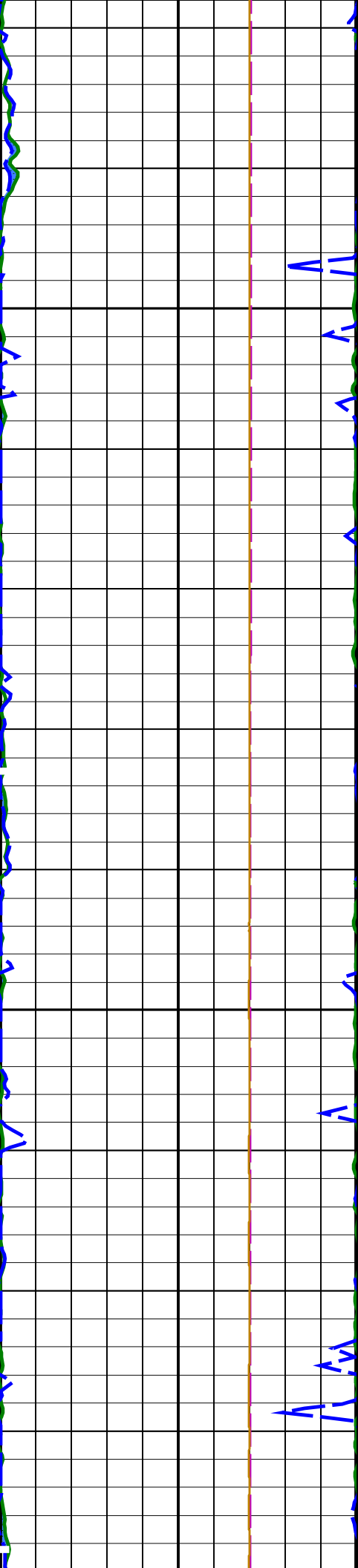






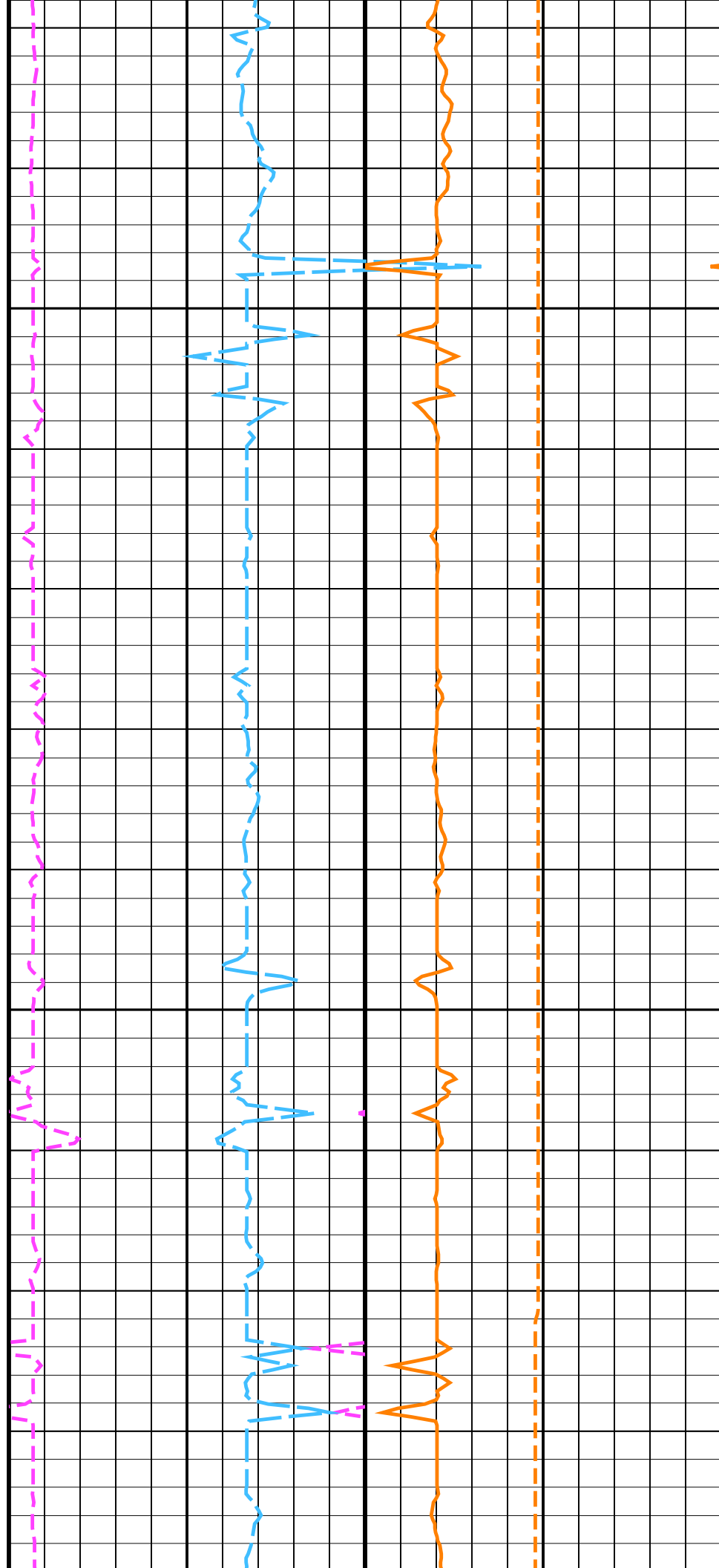


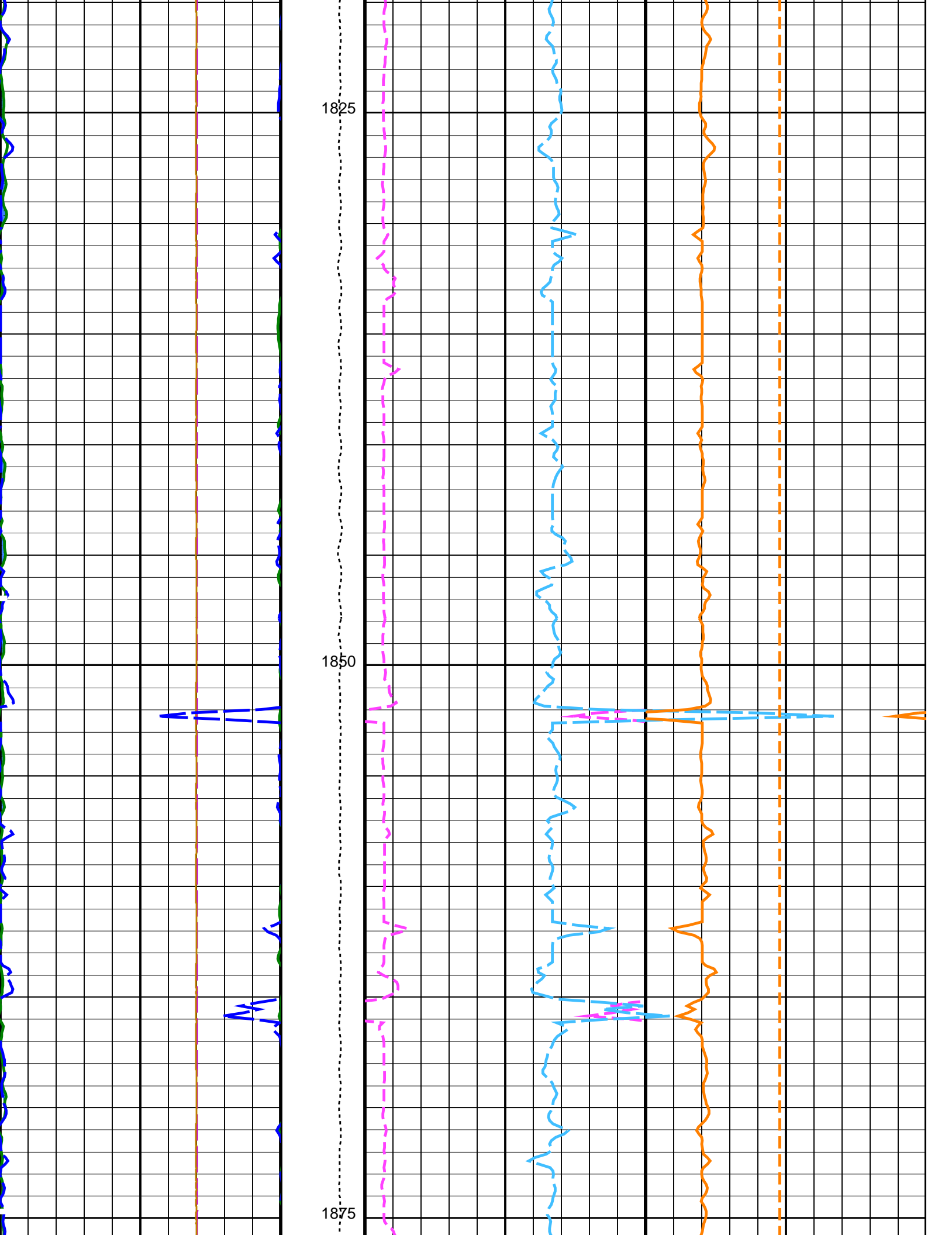


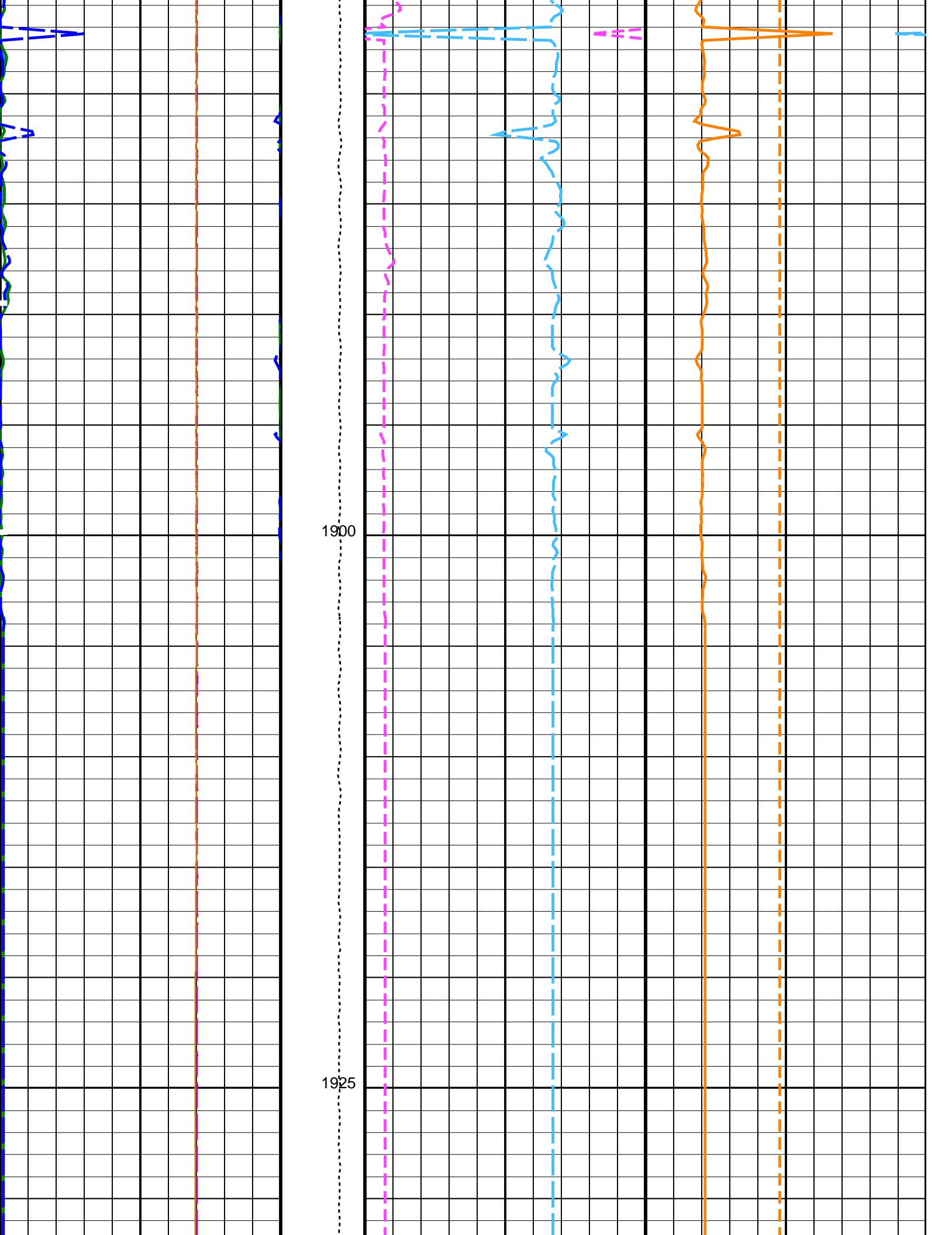


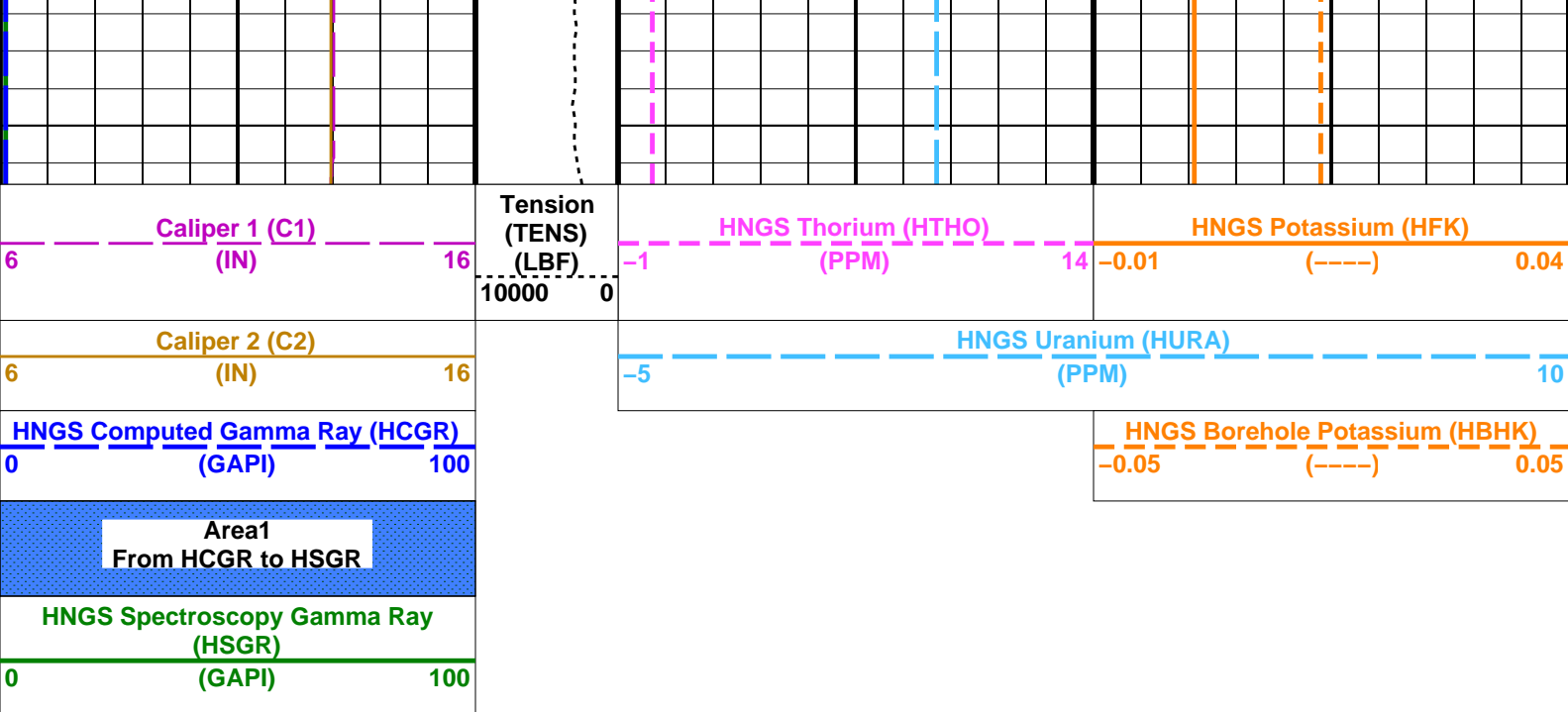
1775

1800









PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
BHS	DSST-B: Dipole Shear Imager – B	
GCSE	Borehole Status	OPEN
	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	-0.00168227
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	ECCE
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	3.54669
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	2.01228
	EDTC-B: Enhanced DTS Cartridge	
BHS	Borehole Status	OPEN
GCSE	Generalized Caliper Selection	BS
	System and Miscellaneous	
BS	Bit Size	9.875 IN
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	NORMAL

Format: HNGSYields      Vertical Scale: 1:200      Graphics File Created: 30-May-2023 16:39

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

Output DLIS Files

Input DLIS Files

Output DLIS Files

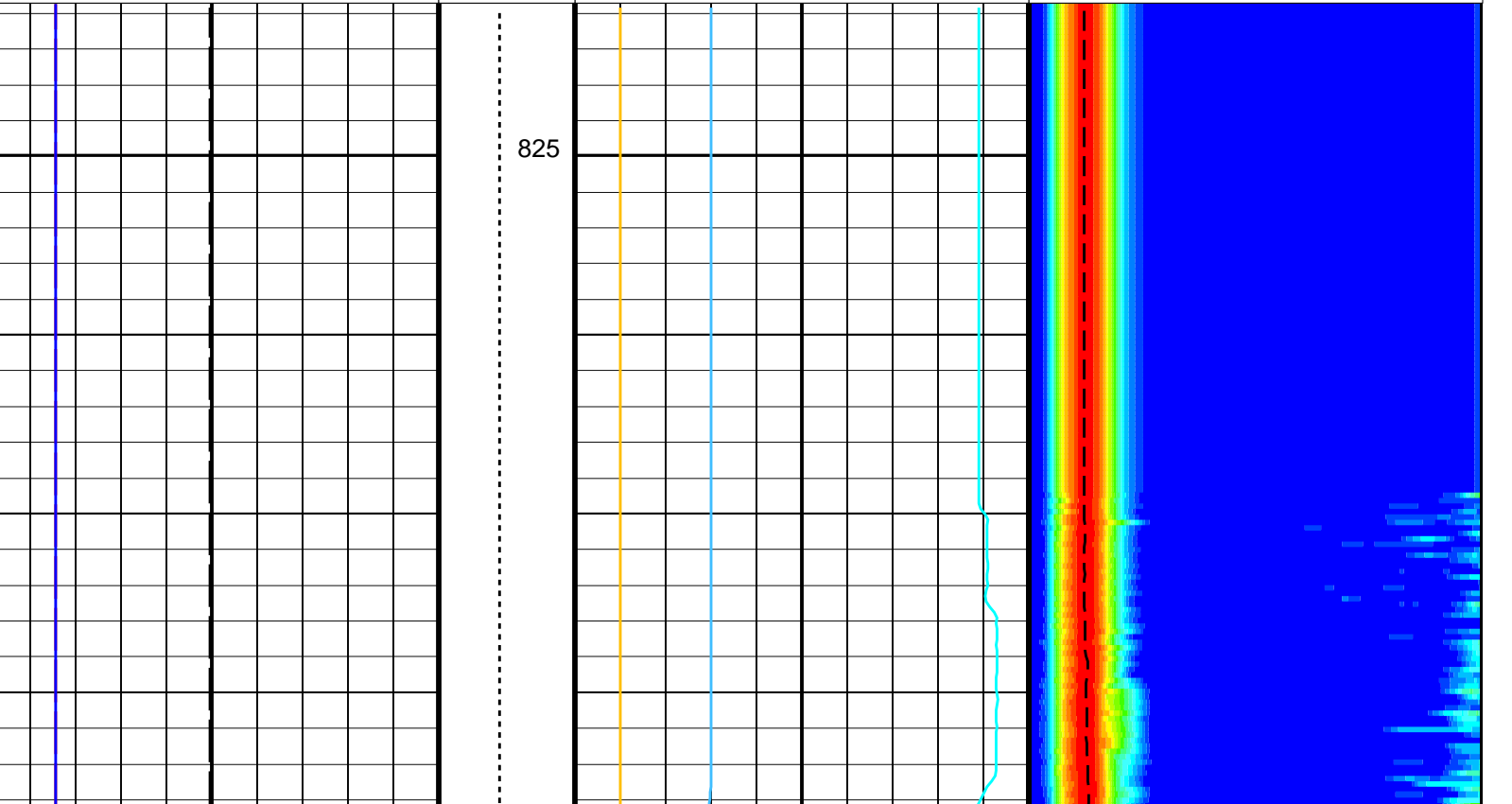
OP System Version: 19C0-187

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

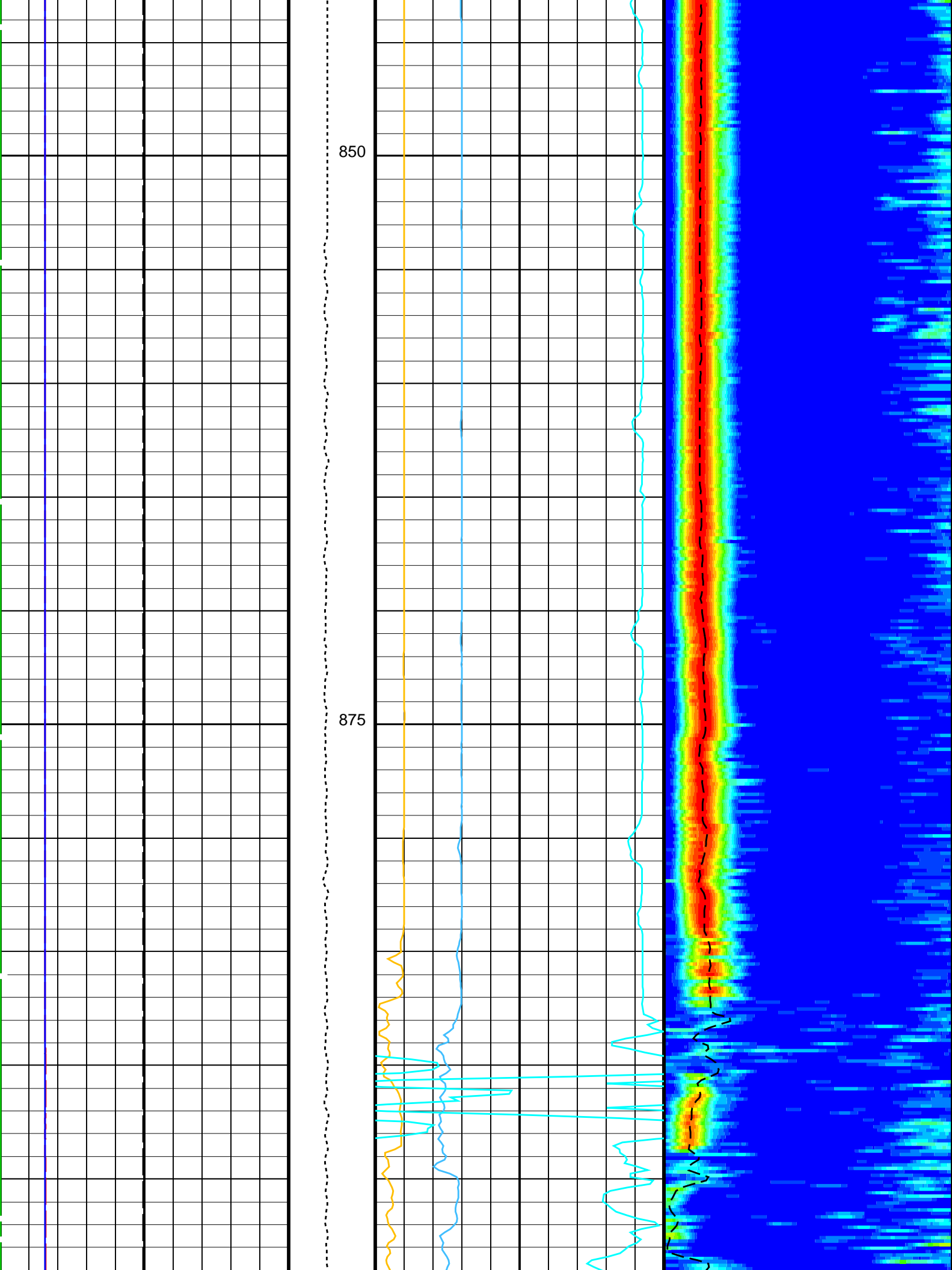
PIP SUMMARY

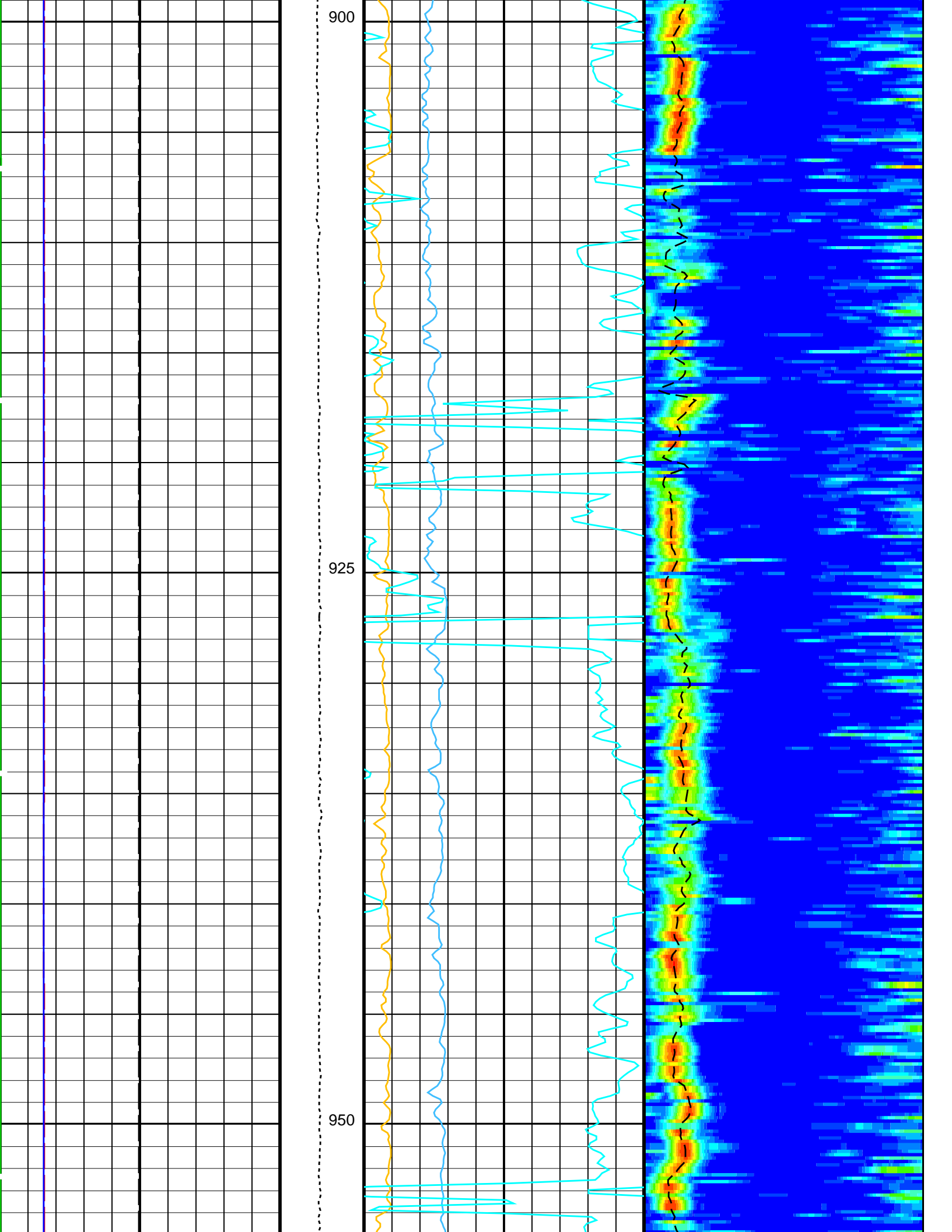
Time Mark Every 60 S

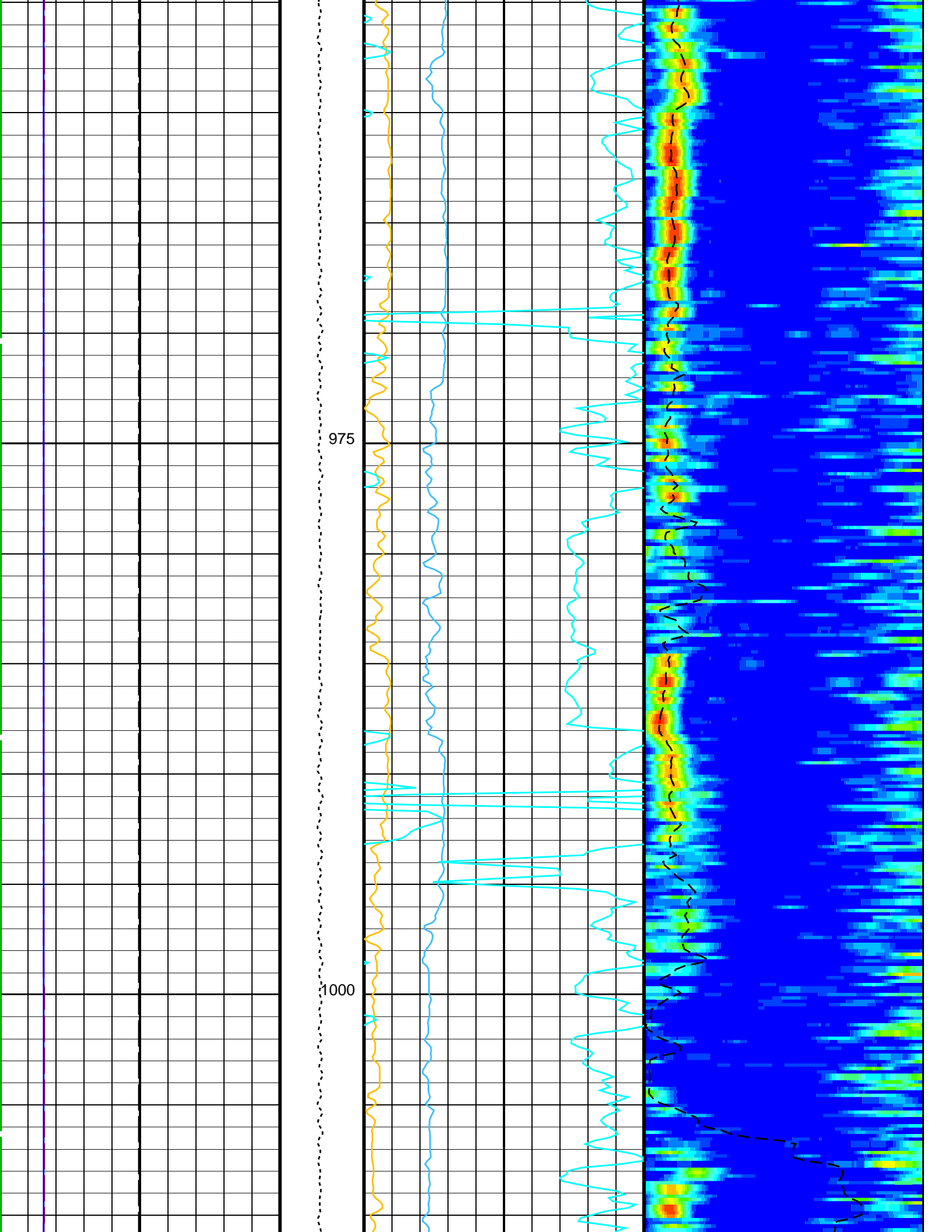
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<div>Caliper 2 (C2)</div> <div>(IN)</div> <div>020</div>		<div>Sonic Velocity (SVEL)</div> <div>(M/S)</div> <div>10006000</div>	
<div>Caliper 1 (C1)</div> <div>(IN)</div> <div>020</div>		<div>Peak Coherence / TA – Upper Dipole</div> <div>(CHT2)</div> <div>-28</div>	<div>Min</div> <div>Amplitude</div> <div>Max</div> <div>Rec.Array U.Dipole Slow Proj. CVDL</div> <div>(SPR2)</div> <div>(US/F)</div> <div>751200</div>
<div>Bit Size (BS)</div> <div>(IN)</div> <div>020</div>	<div>Tension</div> <div>(TENS)</div> <div>(LBF)</div> <div>05000</div>	<div>Peak Coherence / RA – Upper Dipole</div> <div>(CHR2)</div> <div>010</div>	<div>Delta-T Shear / RA – Upper Dipole</div> <div>(DT2R)</div> <div>(US/F)</div> <div>751200</div>

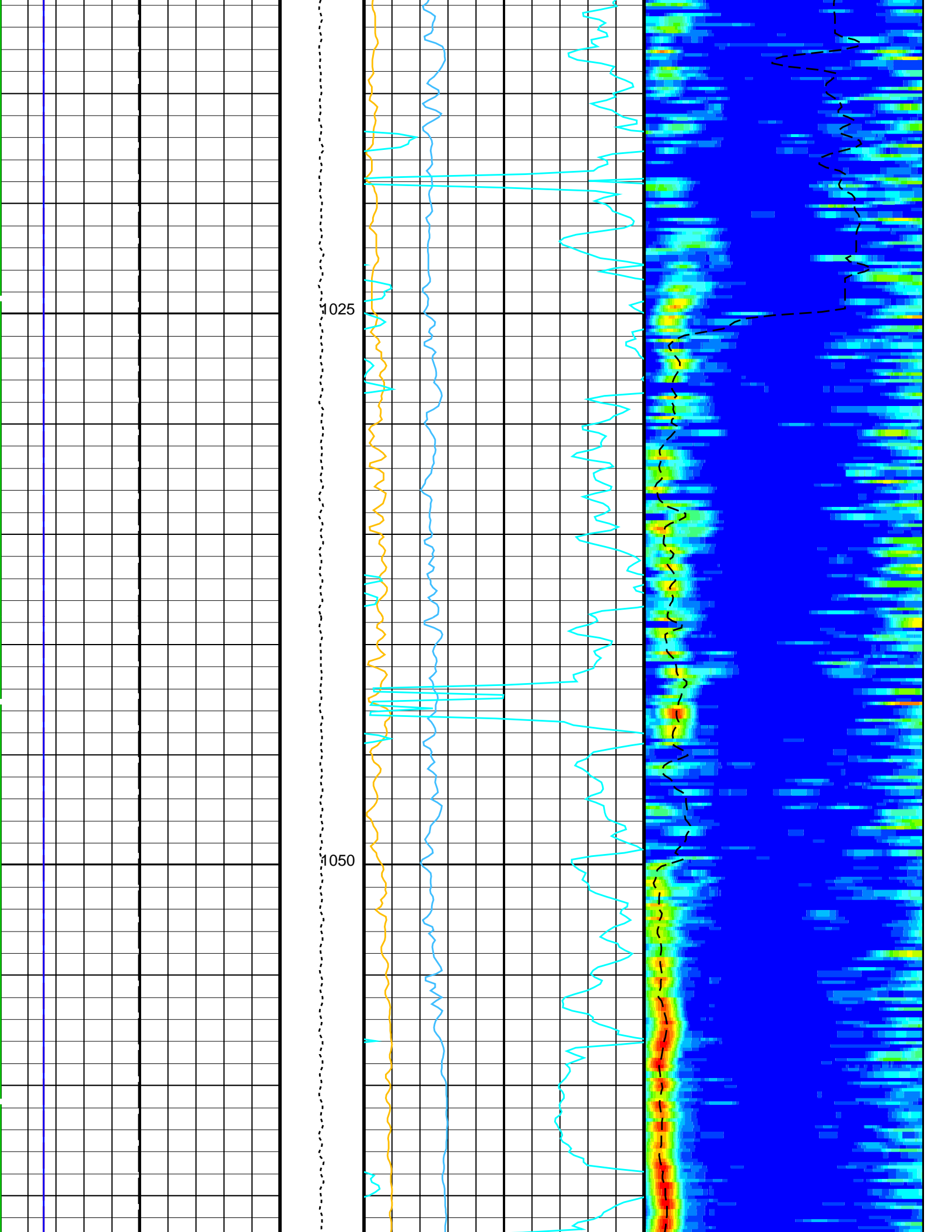


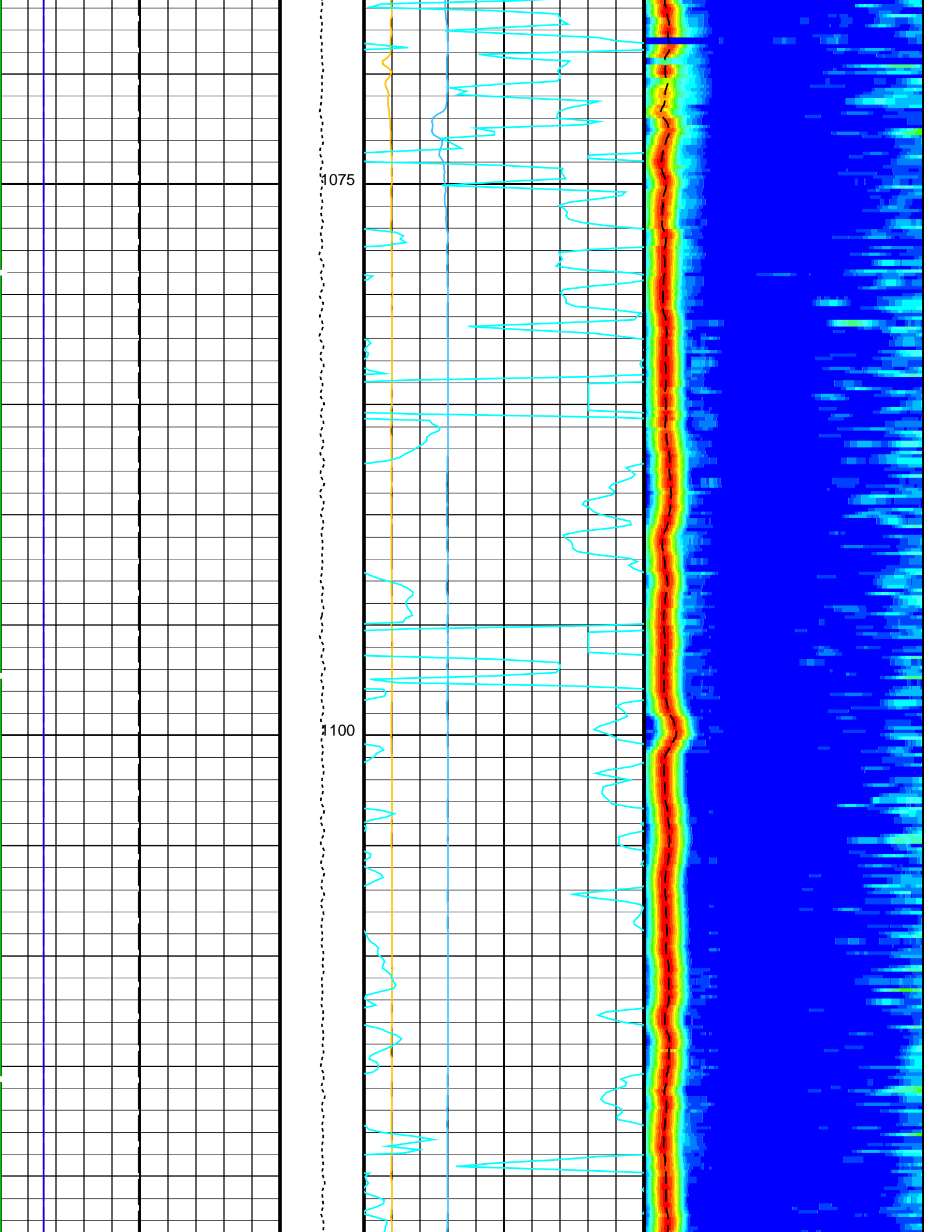


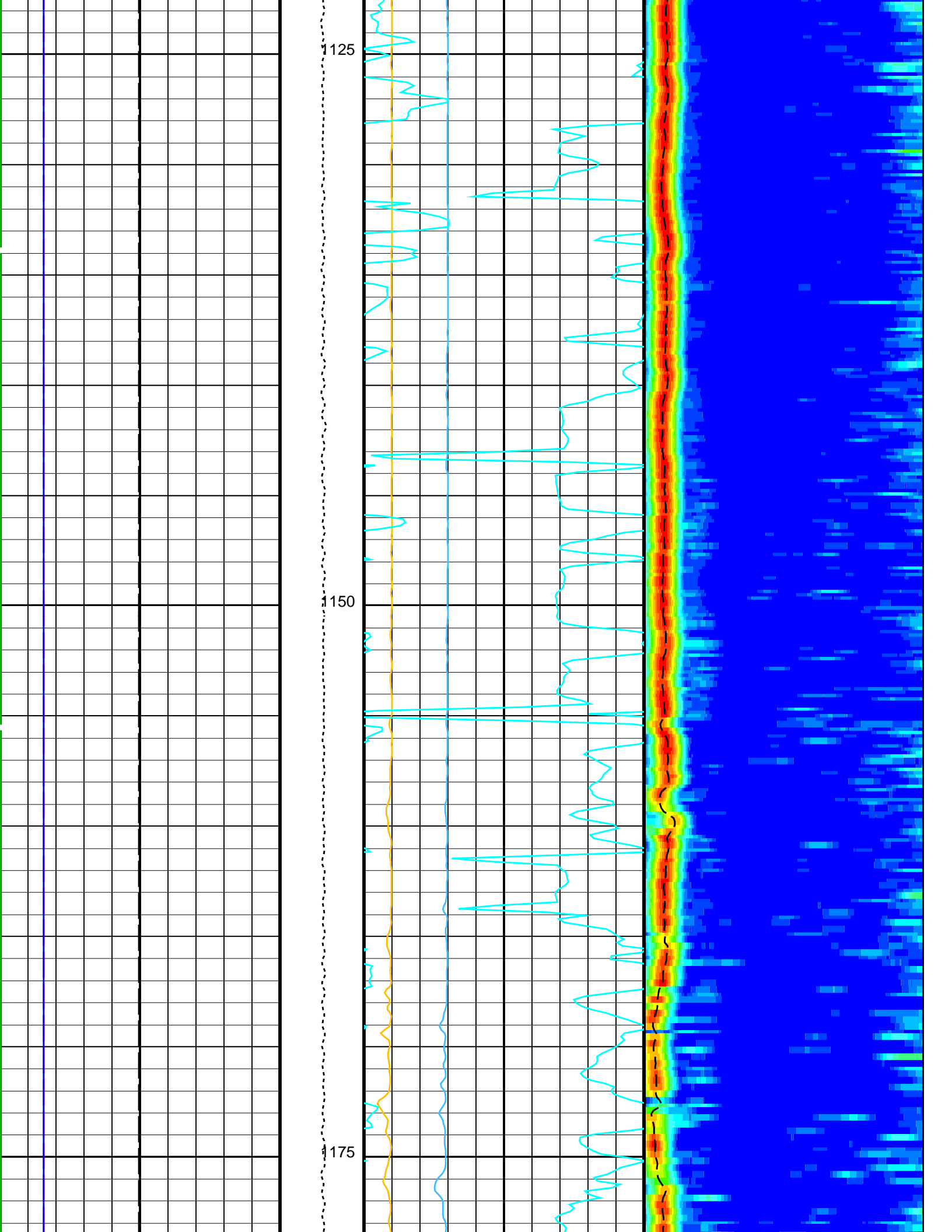


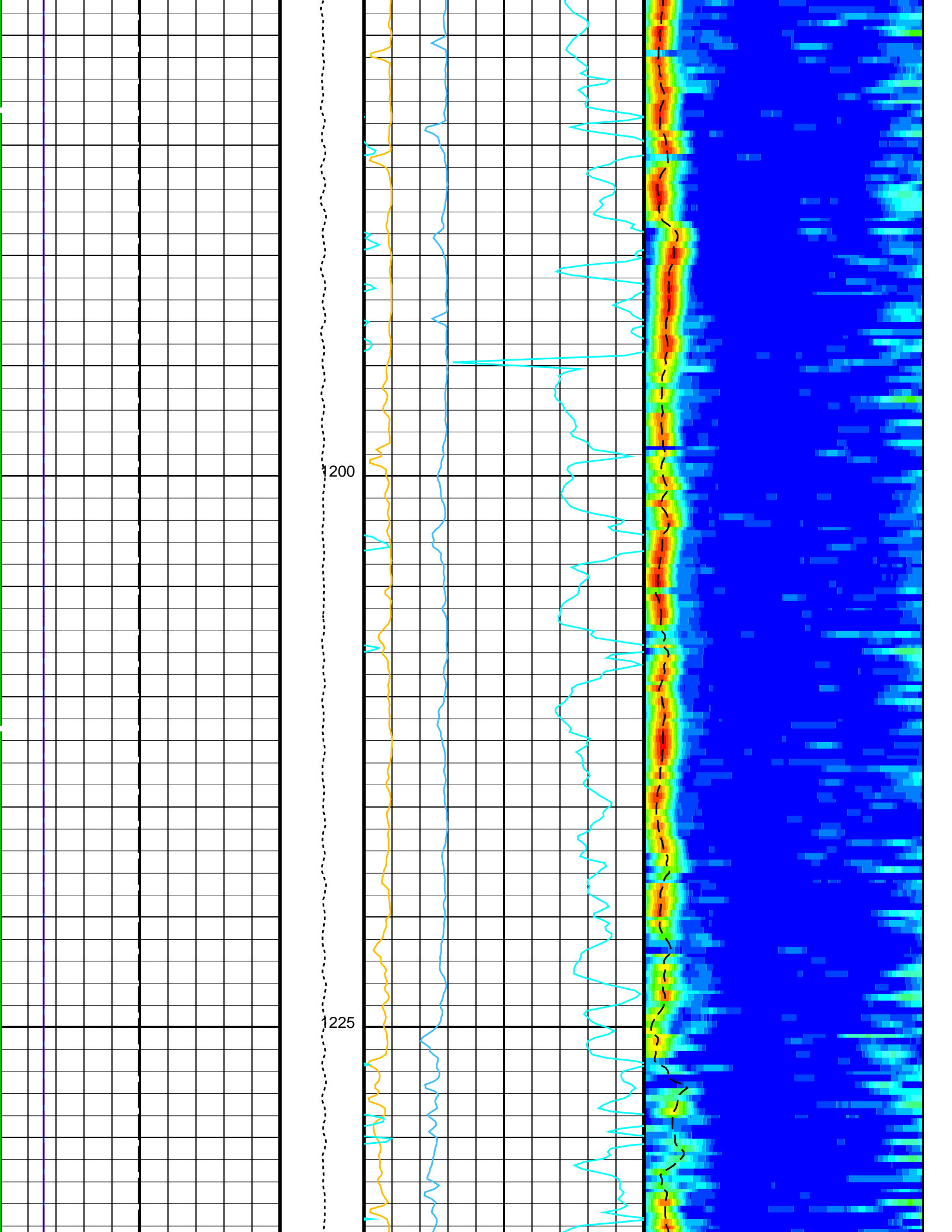


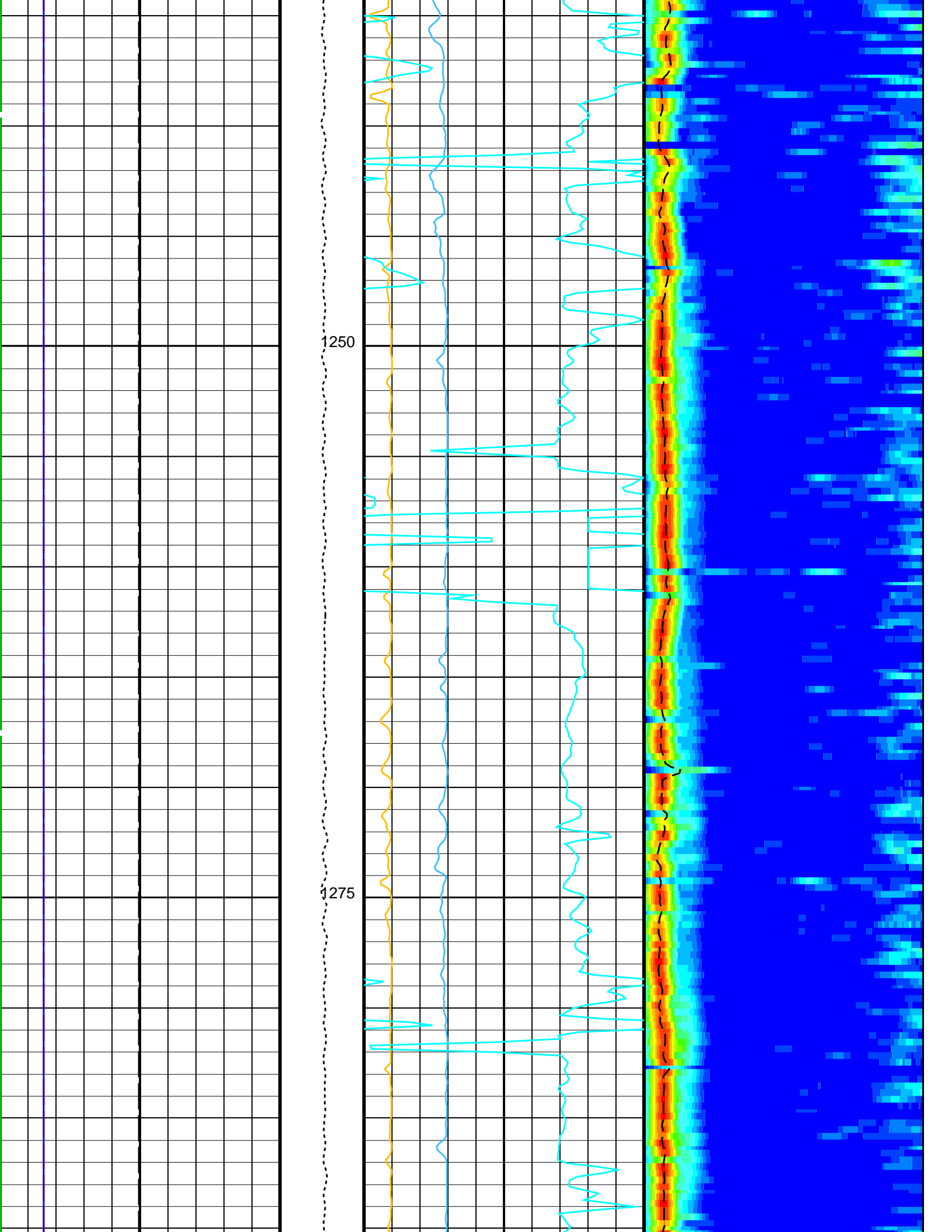




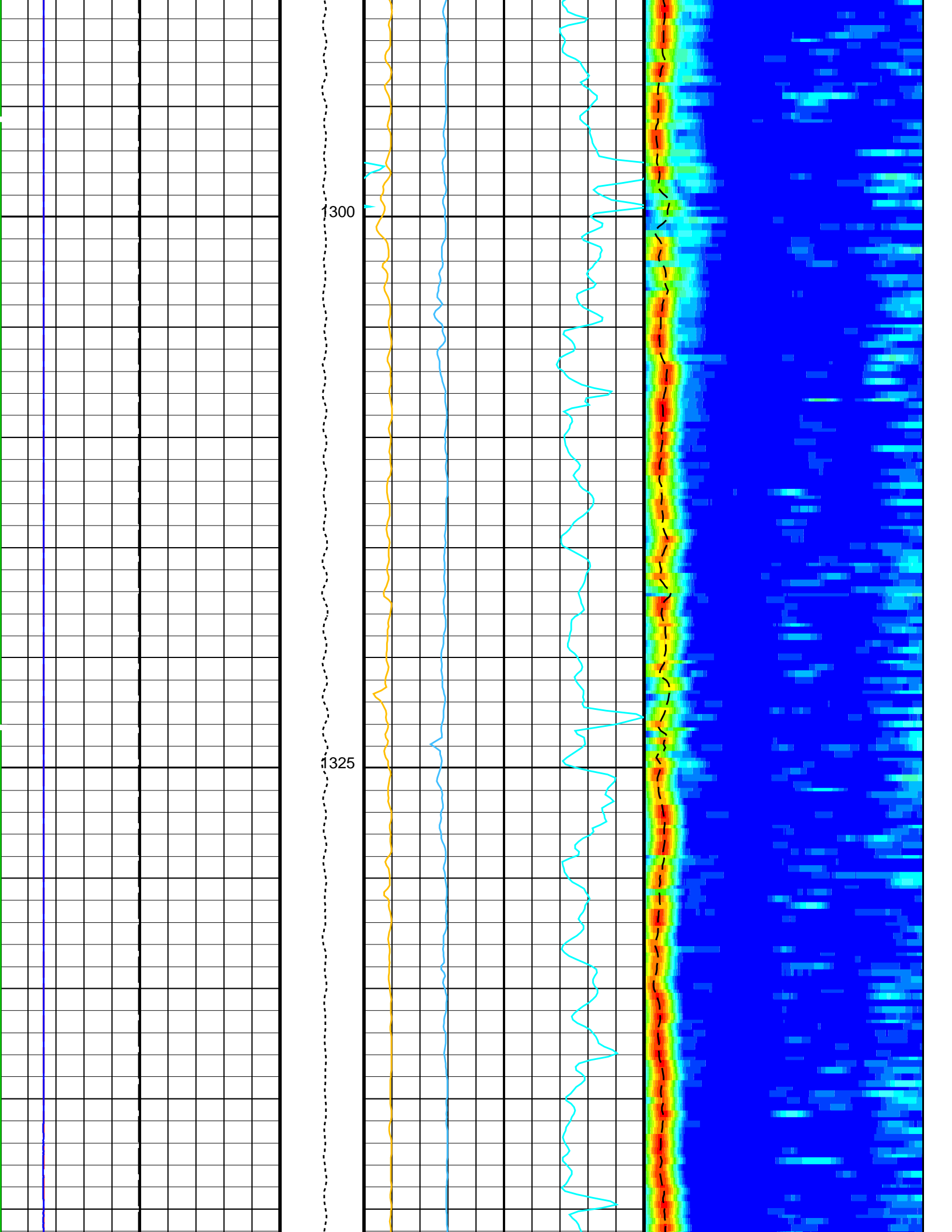


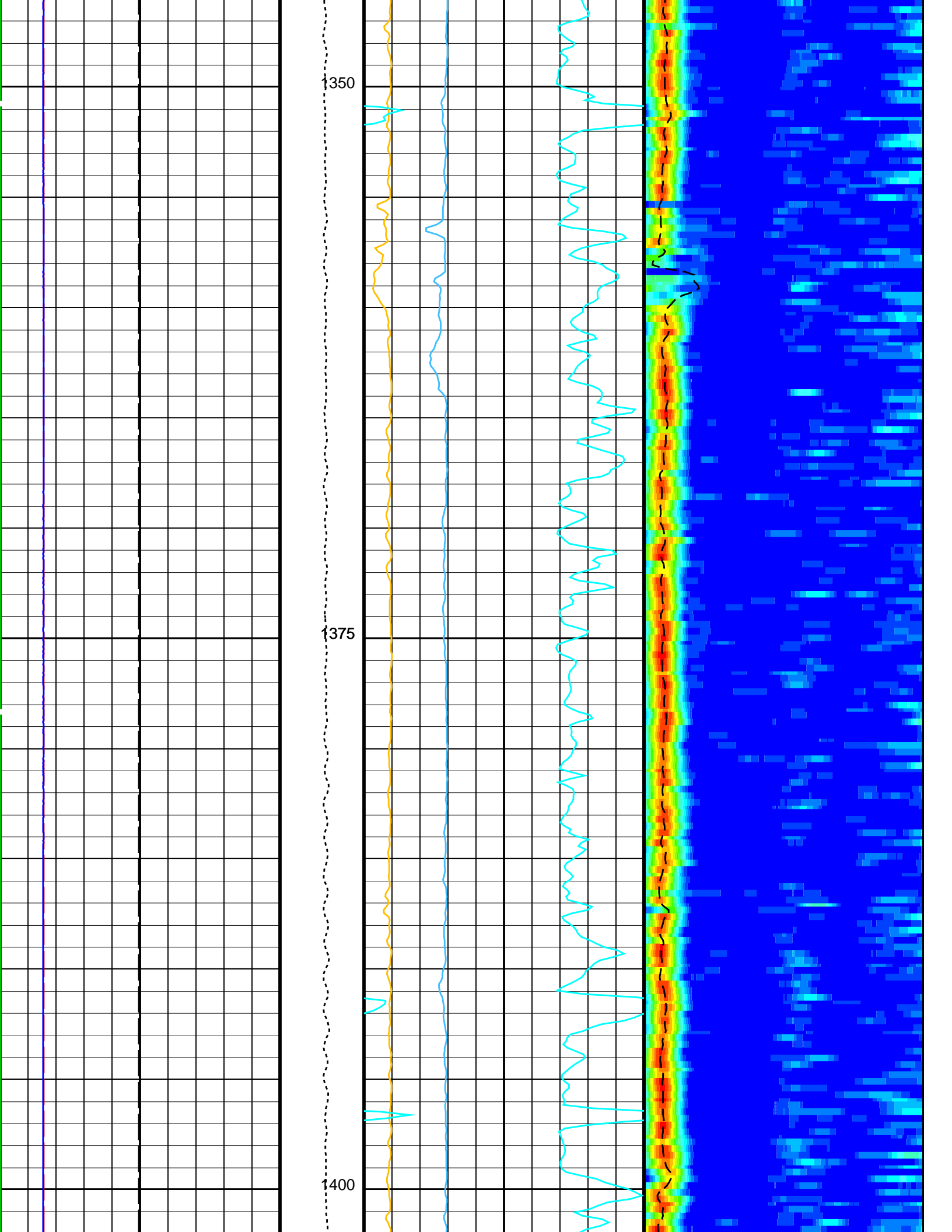


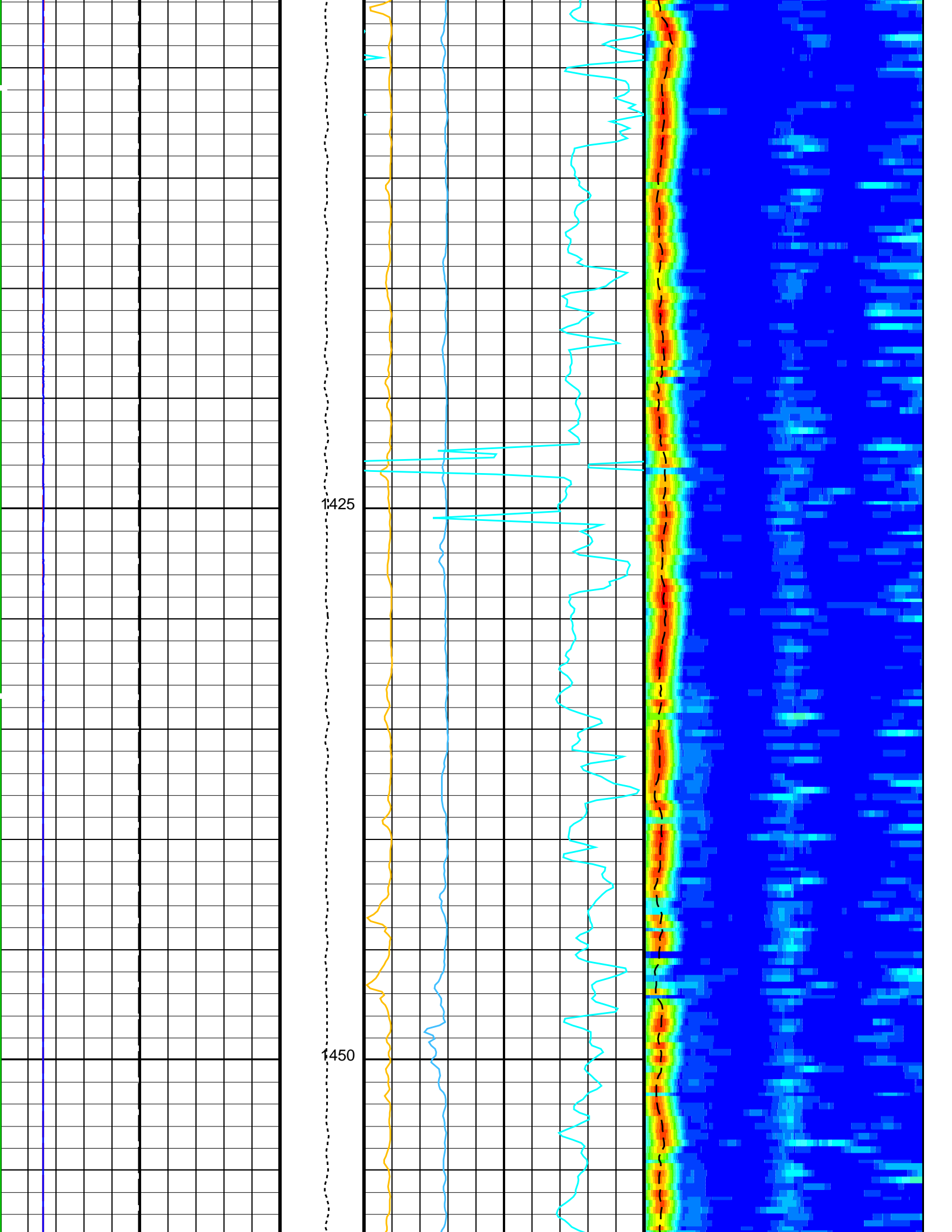


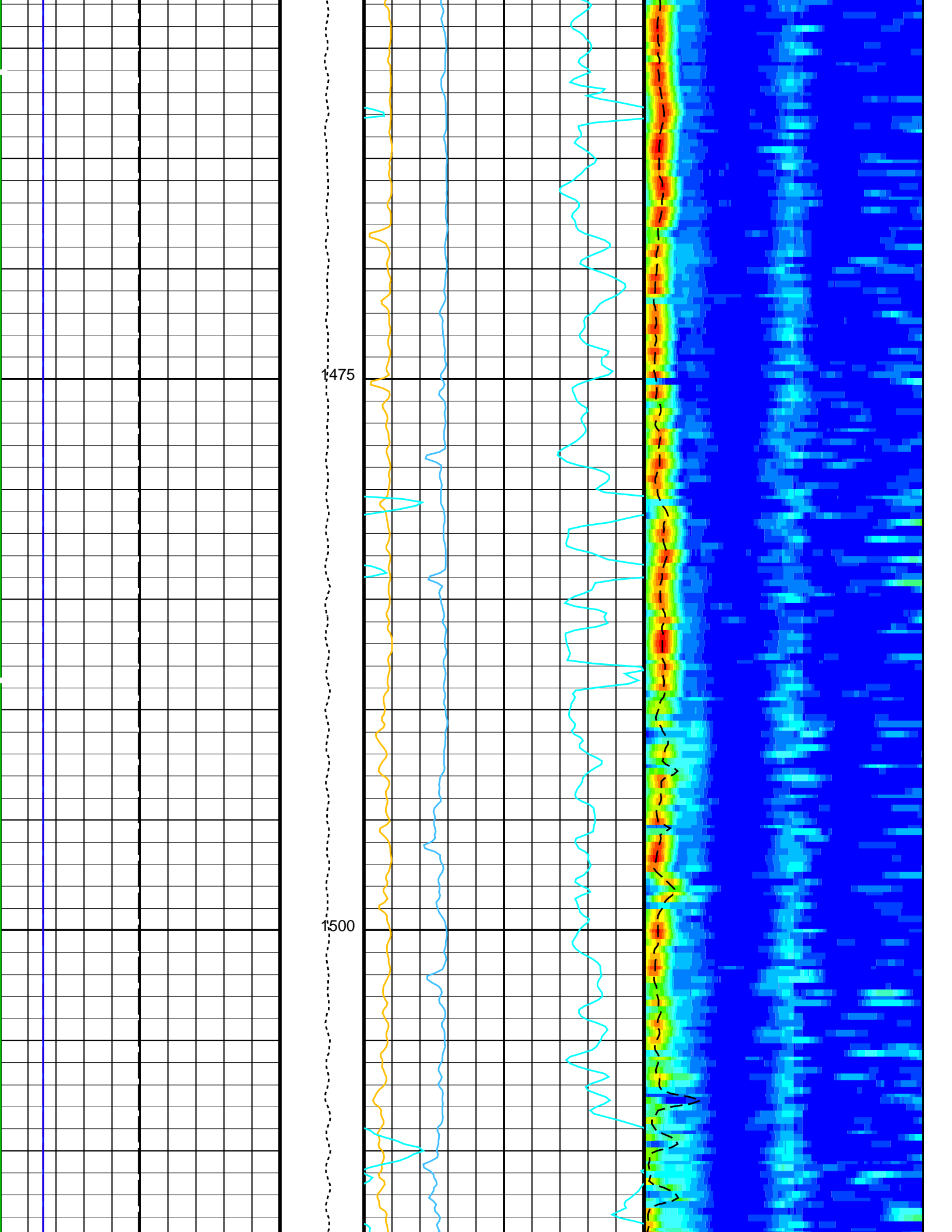


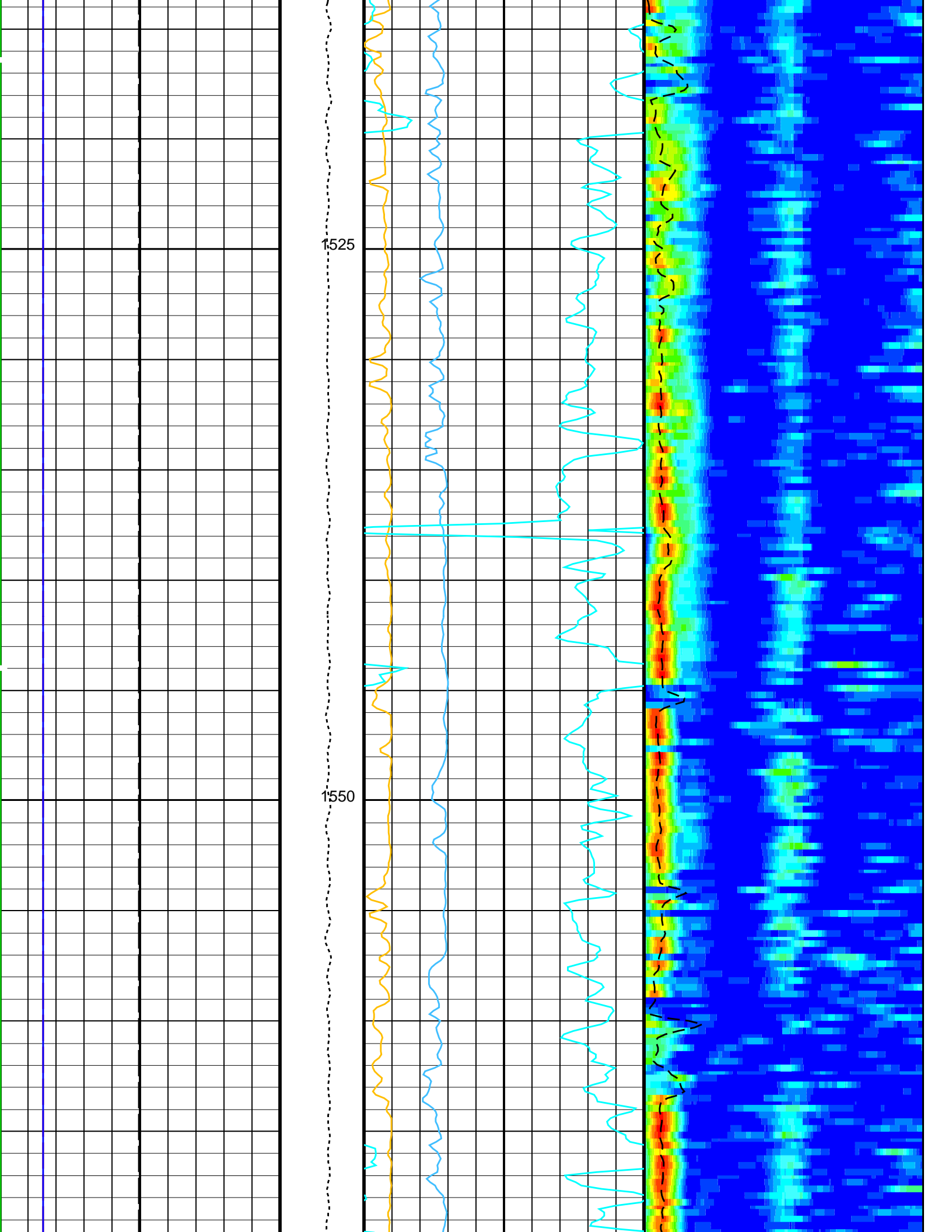


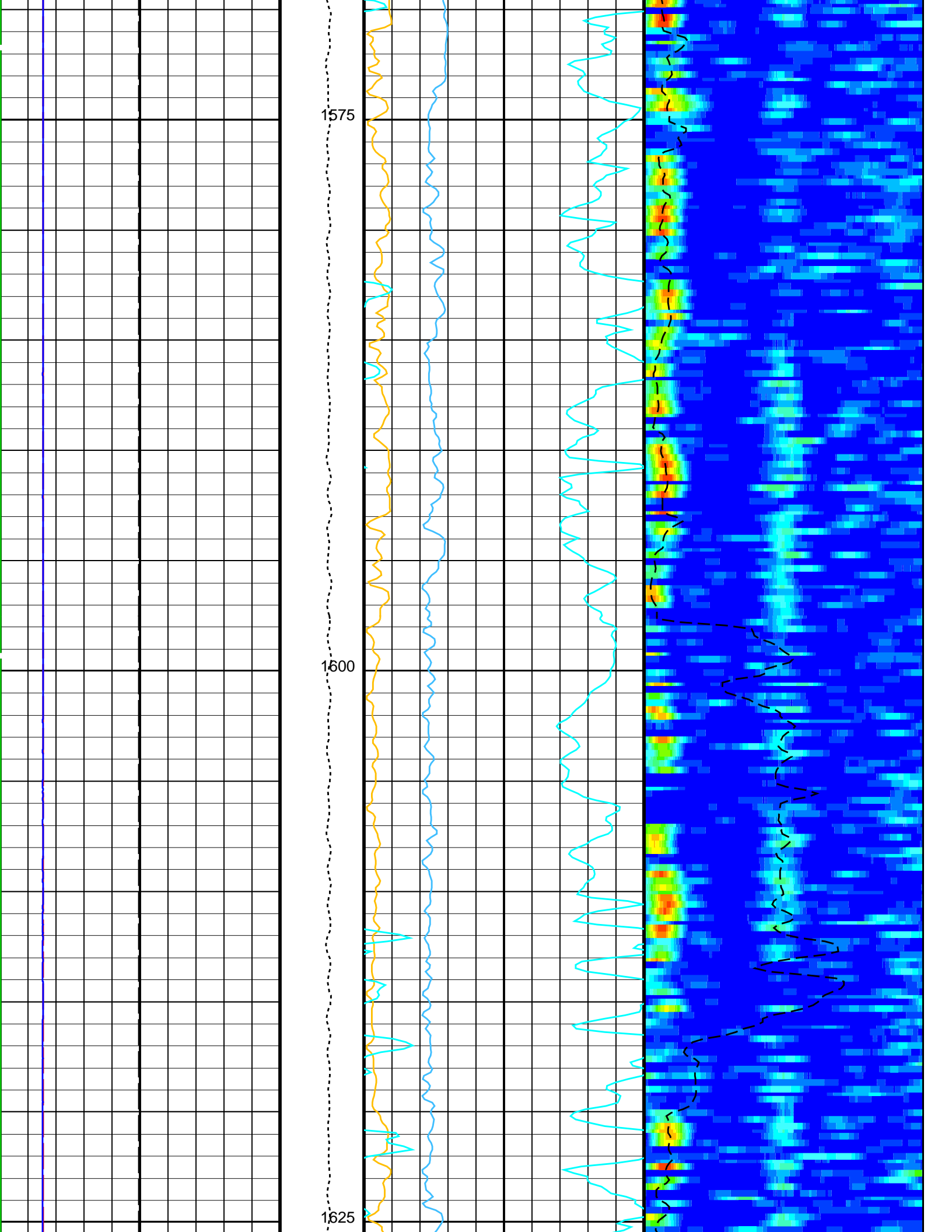


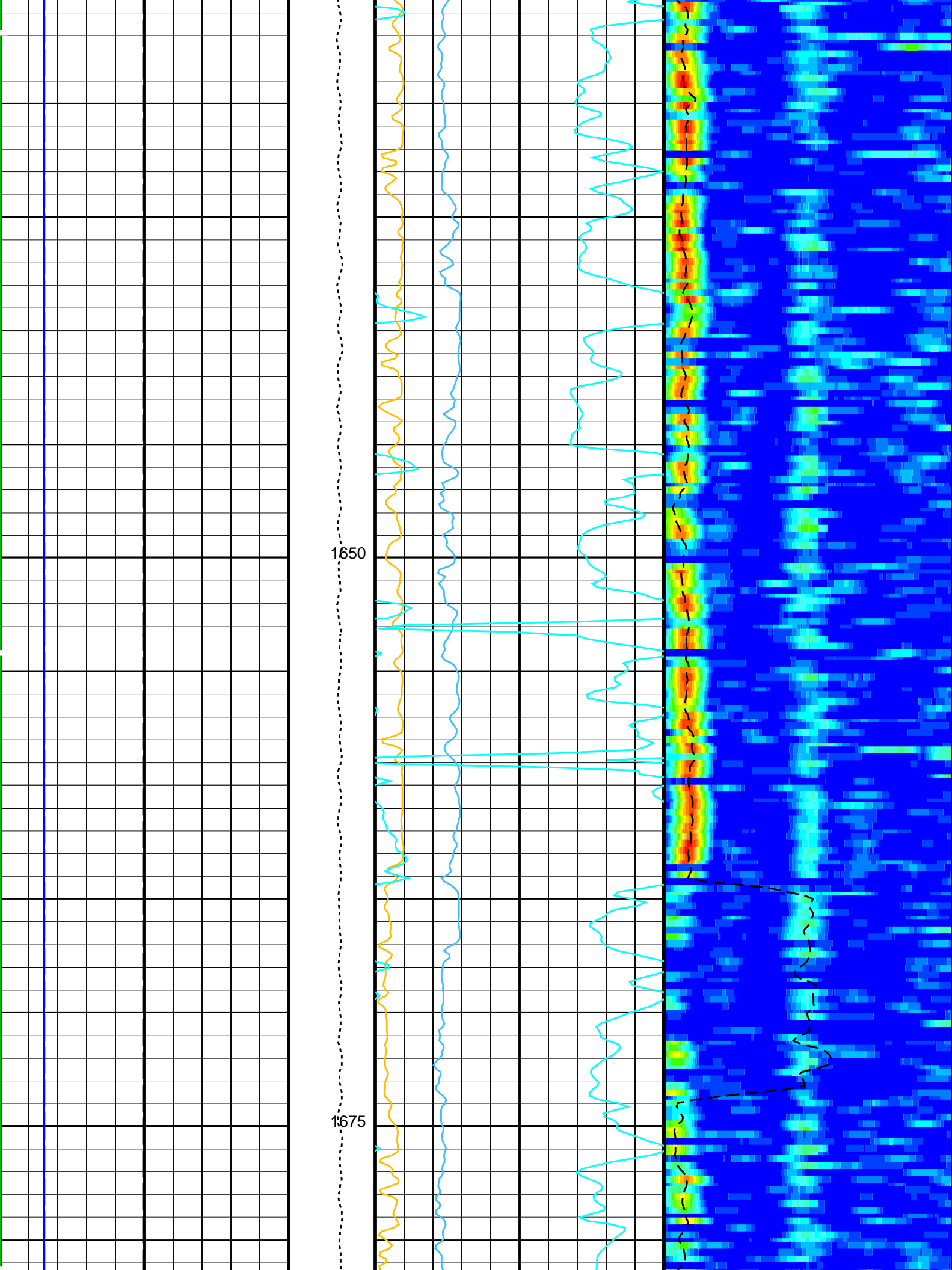


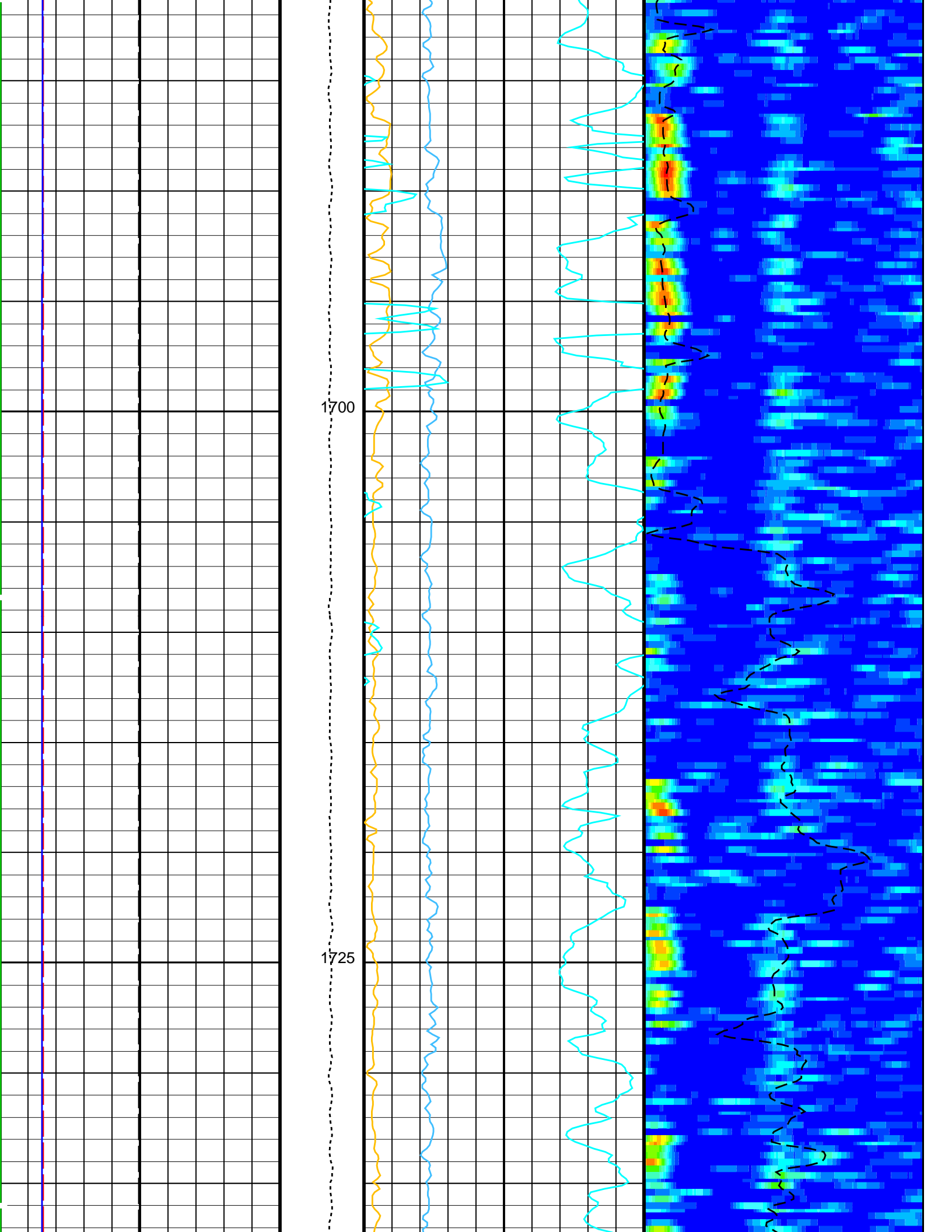




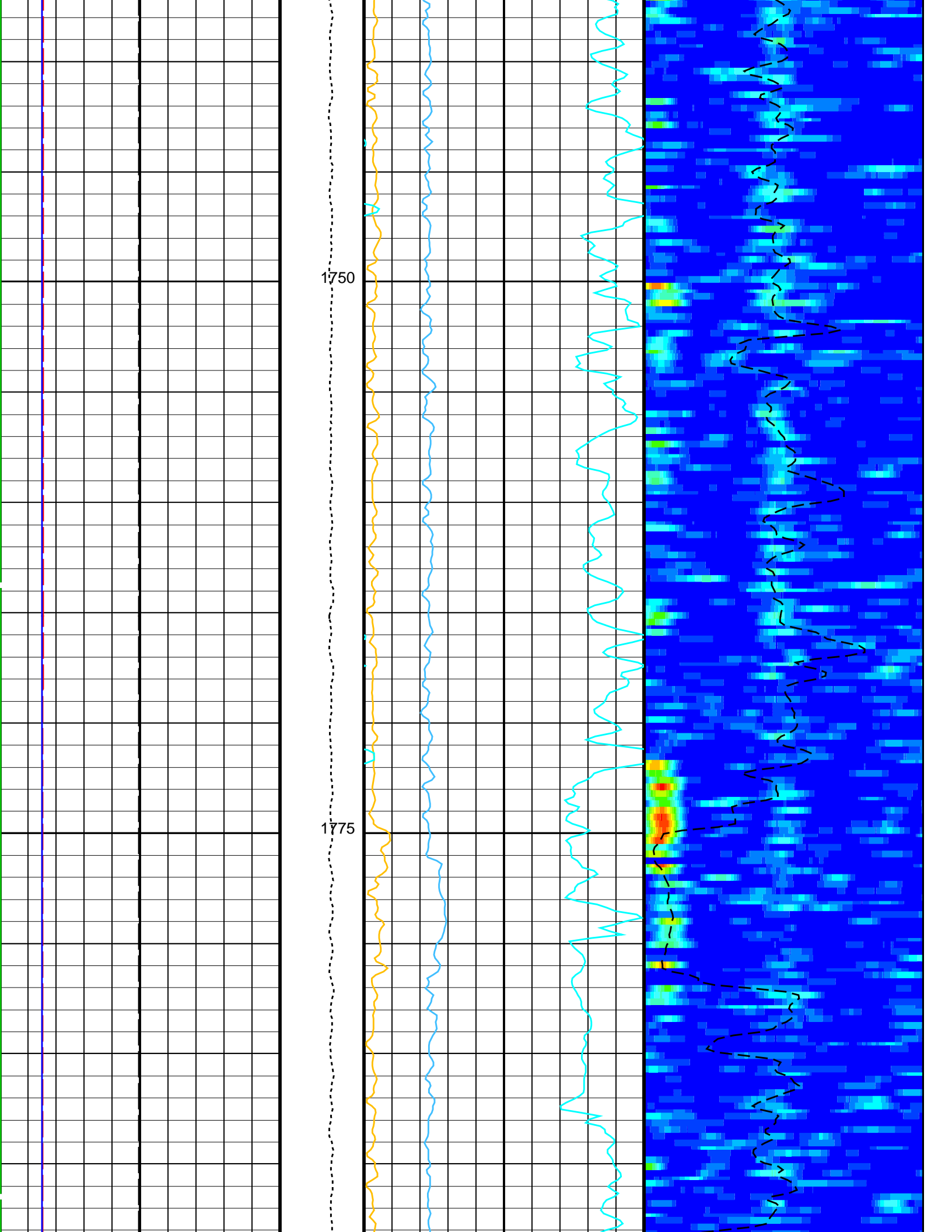


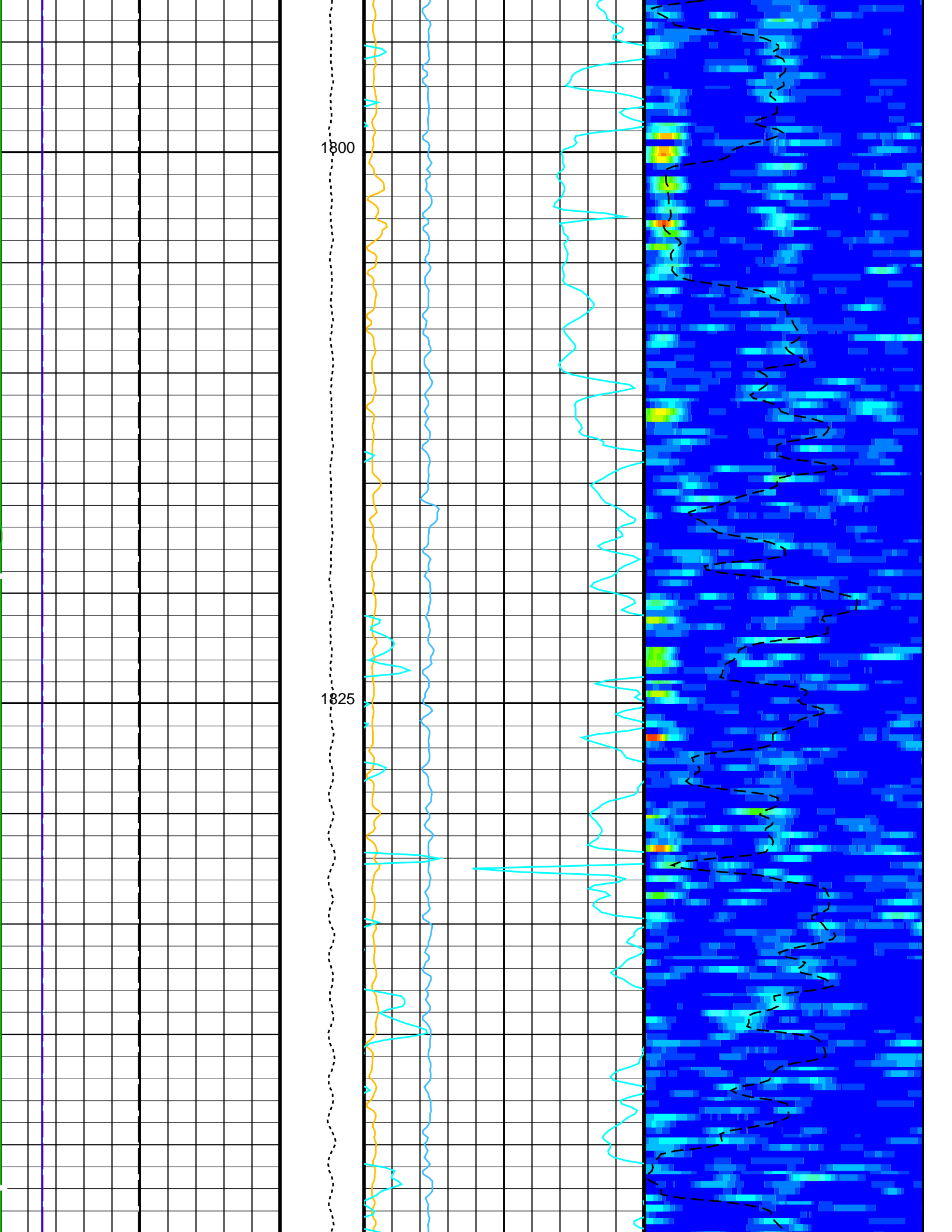


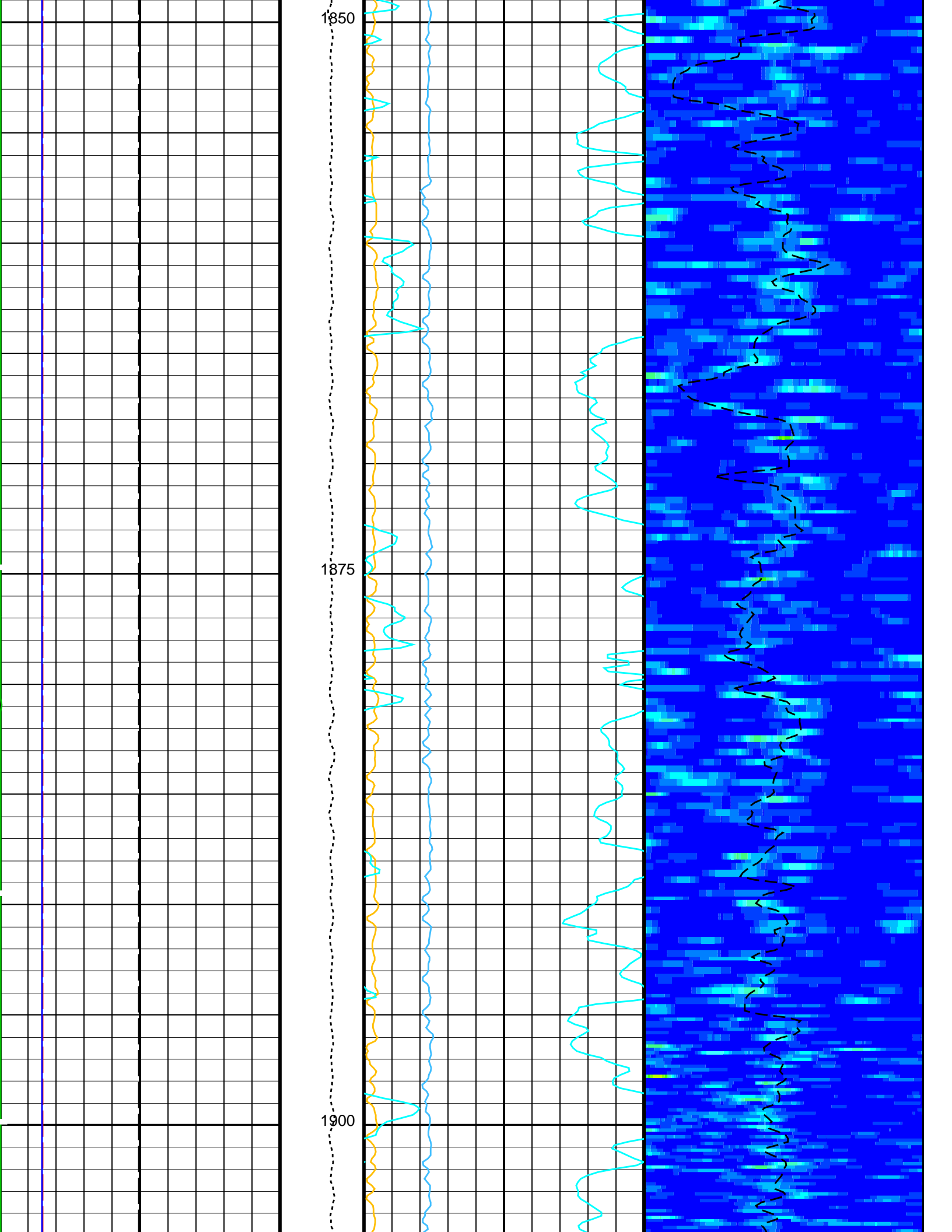


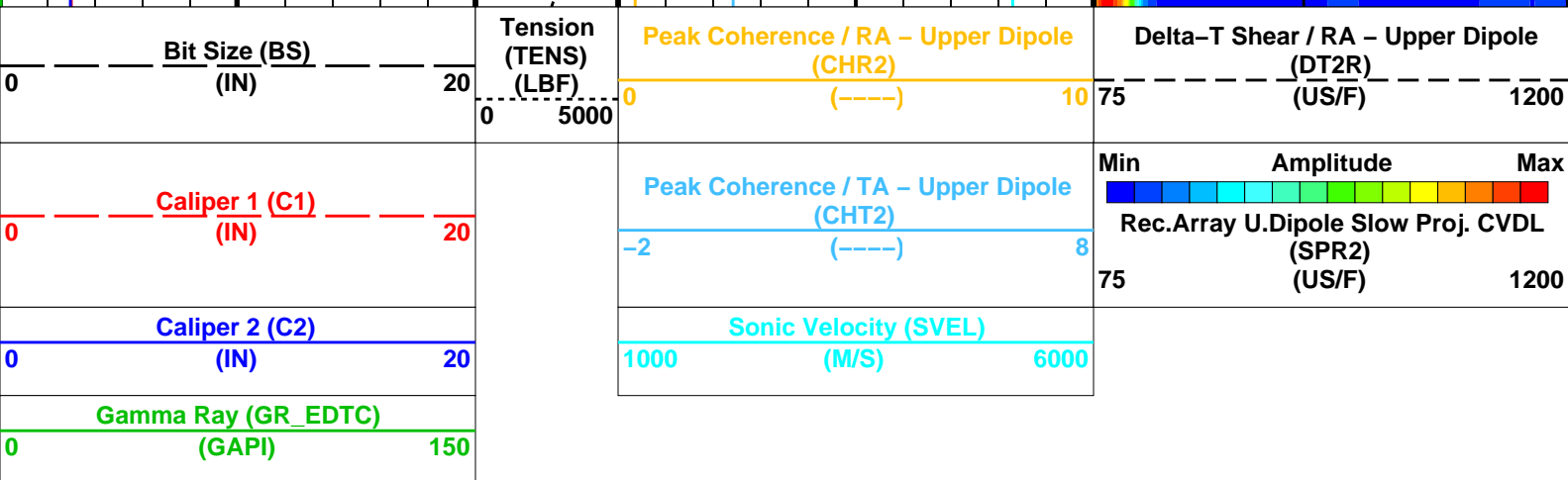
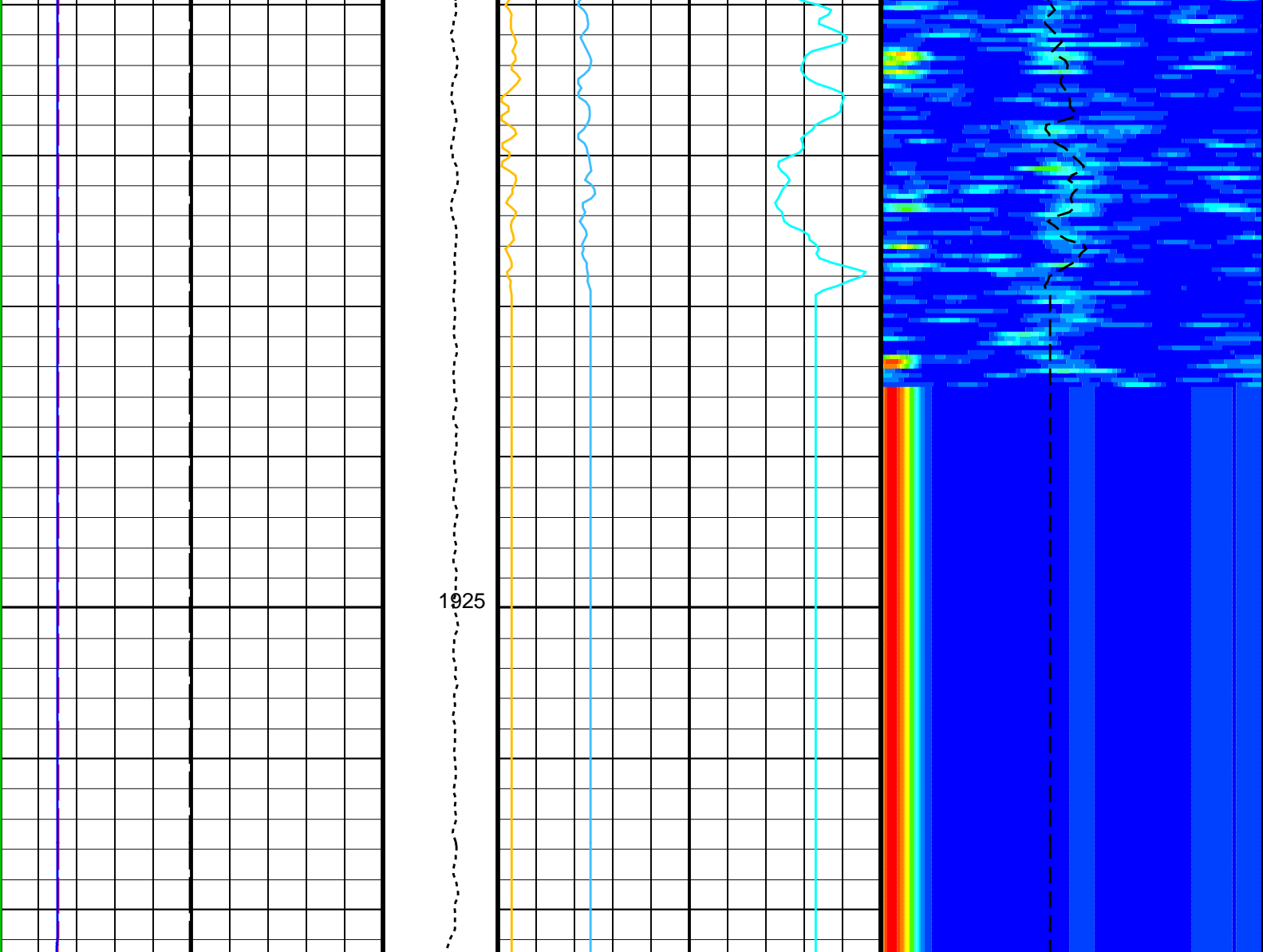












PIP SUMMARY

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	40 US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	200 US/F
DSI2	Digitizer Sample Interval 2	40 US
DSIX	Digitizer Sample Interval X	40 US
DTCS	Compressional Delta-T Source for DTCS Channel	BS_COMP

DTC3	Compressional Delta-T Source for DTCC Channel	PS_COMP	512	
DWC2	Digitizer Word Count 2		512	
DWCX	Digitizer Word Count X		8	
NWI2	Number Waveform Items 2		0	
NWIX	Number Waveform Items X		294	IN
RX1G	Receiver 1 Geometry		300	IN
RX2G	Receiver 2 Geometry		306	IN
RX3G	Receiver 3 Geometry		312	IN
RX4G	Receiver 4 Geometry		318	IN
RX5G	Receiver 5 Geometry		324	IN
RX6G	Receiver 6 Geometry		330	IN
RX7G	Receiver 7 Geometry		336	IN
RX8G	Receiver 8 Geometry		ODD	
SAM2	DSST Sonic Acquisition Mode 2 – Upper Dipole Mode		OFF	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert		255	
SAS2	STC Sonic Array Status – Upper Dipole		3000	US
SBO2	STC Search Band Offset – Upper Dipole		8000	US
SBW2	STC Search Bandwidth – Upper Dipole		SELECTABLE	
SFC2	STC Formation Character – Upper Dipole		B1–2K	
SFM2	STC Filter – Upper Dipole		40	US/F
SLL2	STC Slowness Lower Limit – Upper Dipole		4	US/F
SST2	STC Slowness Step – Upper Dipole		WF_SAM2	
SSW2	STC Source Waveform – Upper Dipole		1400	US/F
SUL2	STC Slowness Upper Limit – Upper Dipole		40	US/F
SWD2	STC Slowness Width – Upper Dipole		0	US
TBF2	STC Time for Baseline Fill – Upper Dipole		600	US
TLL2	STC Time Lower Limit – Upper Dipole		200	US
TST2	STC Time Step – Upper Dipole		20440	US
TUL2	STC Time Upper Limit – Upper Dipole		2000	US
TWD2	STC Time Width – Upper Dipole		1600	US
TWI2	STC Integration Time Window – Upper Dipole		0	
TWSX	Transmitter Waveform Select X		162	IN
UTXG	Upper Dipole Transmitter Geometry			
System and Miscellaneous				
BS	Bit Size		9.875	IN
DO	Depth Offset for Playback		0.0	M
PP	Playback Processing		NORMAL	

Format: DSST\_UPPER\_DIPOLE\_VDL\_COLOR    Vertical Scale: 1:200    Graphics File Created: 30-May-2023 16:39

## 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_116LUP	PRODUCER	30-May-2023 16:35	1936.5 M	820.7 M
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## Output DLIS Files

DEFAULT	FMS_DSI_NGS_117PUP	FN:111	PRODUCER	30-May-2023 16:39
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Company: International Ocean Discovery Program    Well: Expedition 399, Site U1601C

## Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_116LUP	PRODUCER	30-May-2023 16:35	1936.5 M	820.7 M
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## Output DLIS Files

DEFAULT	FMS_DSI_NGS_117PUP	FN:111	PRODUCER	30-May-2023 16:39	1936.5 M	820.7 M
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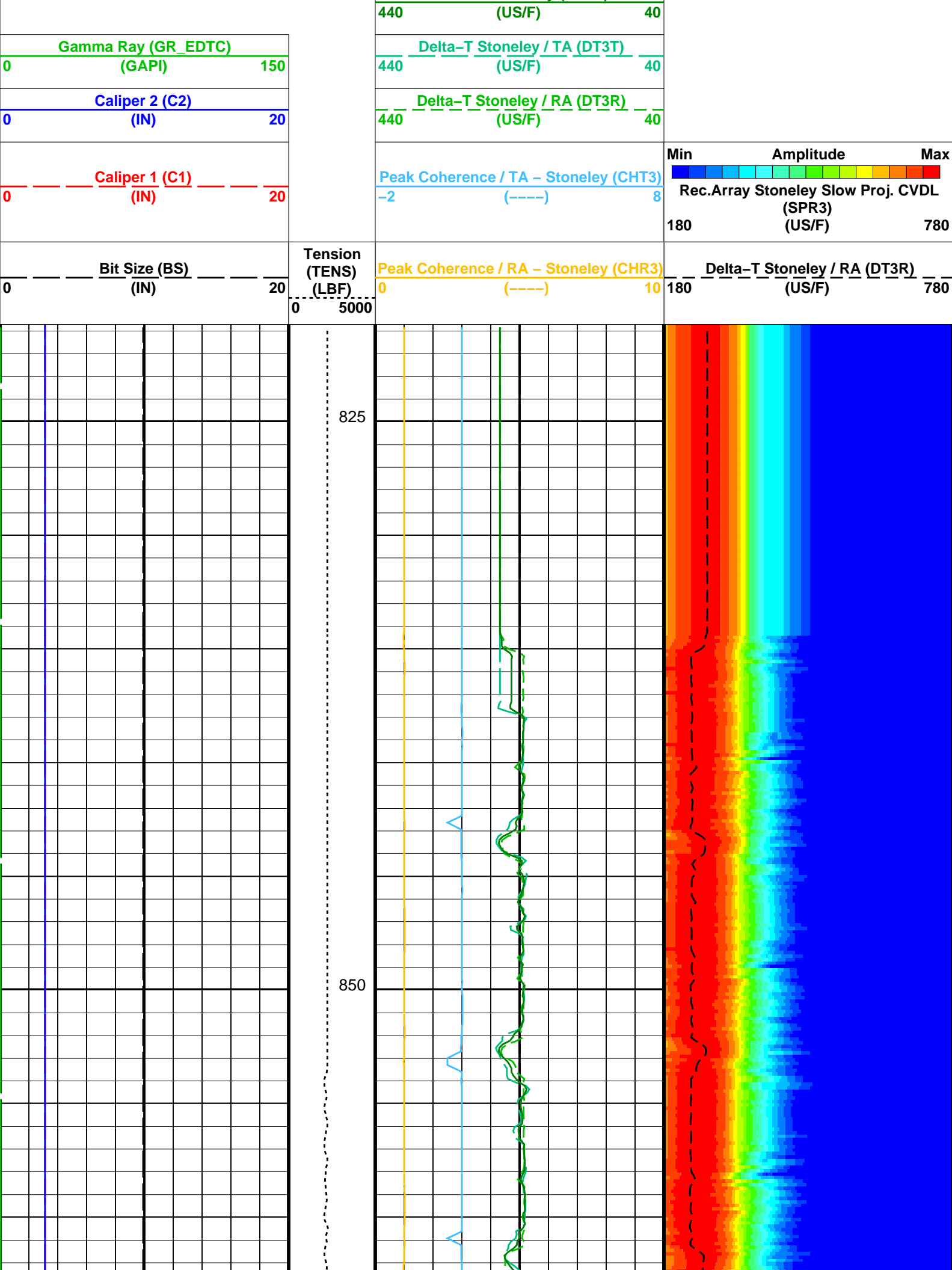
## OP System Version: 19C0-187

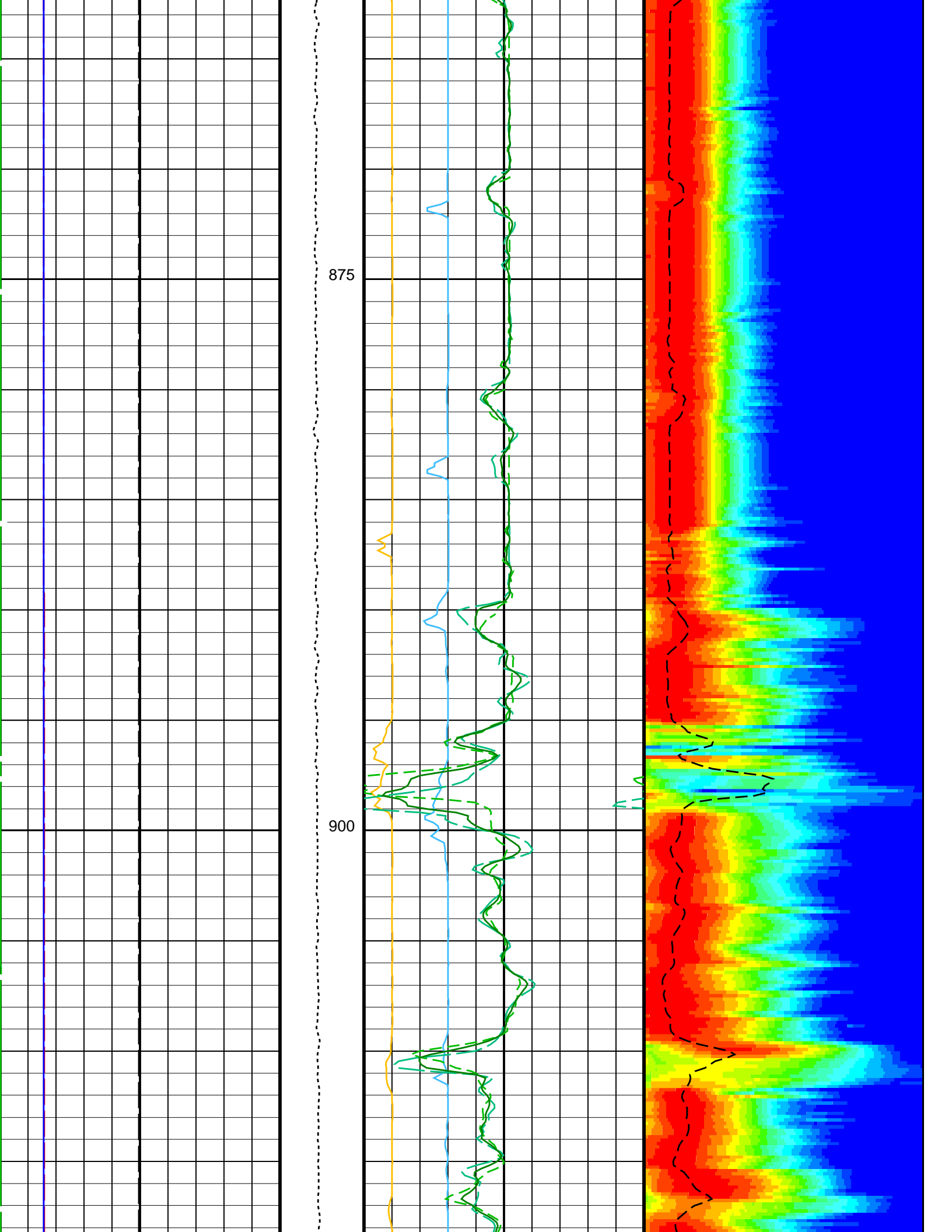
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DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

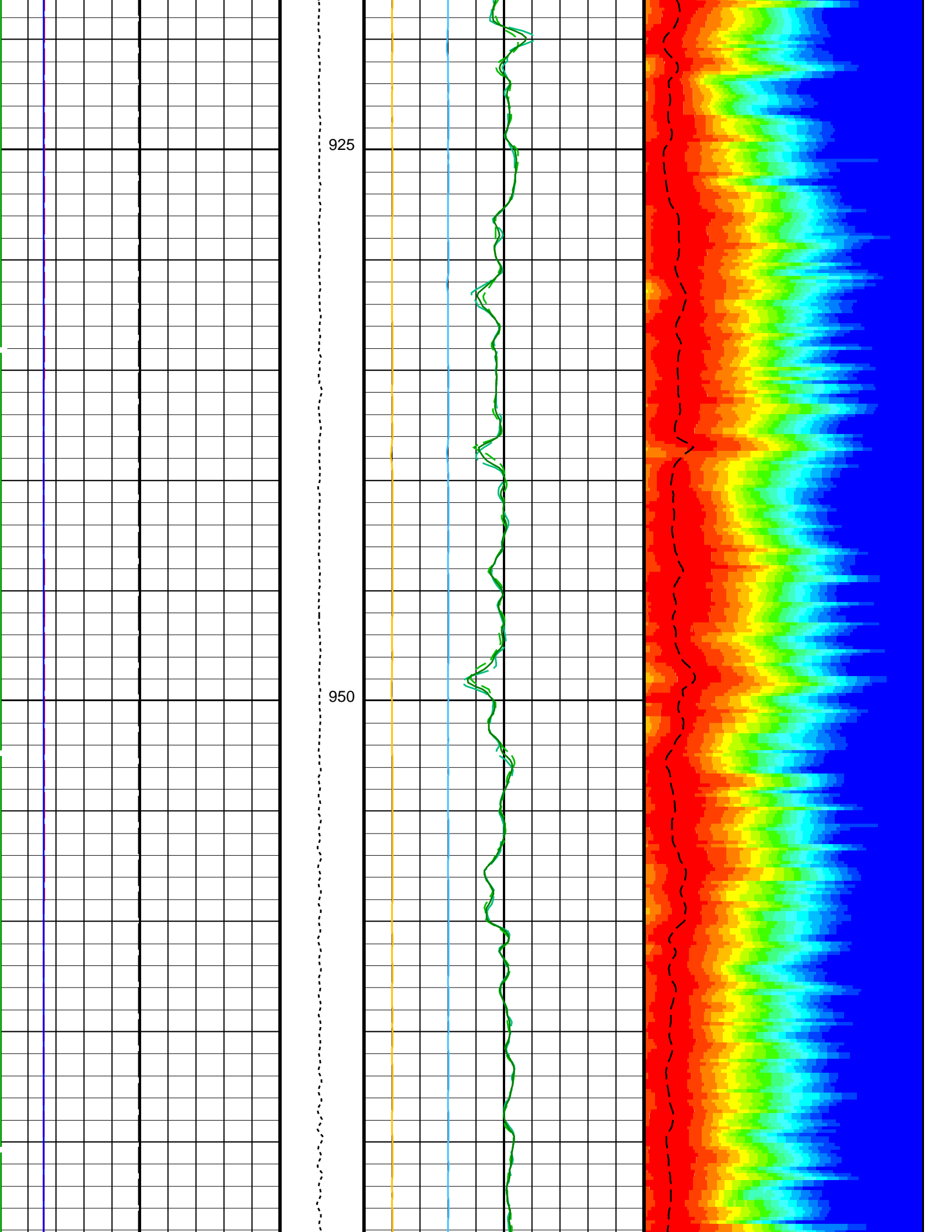
## PIP SUMMARY

 Time Mark Every 60 S

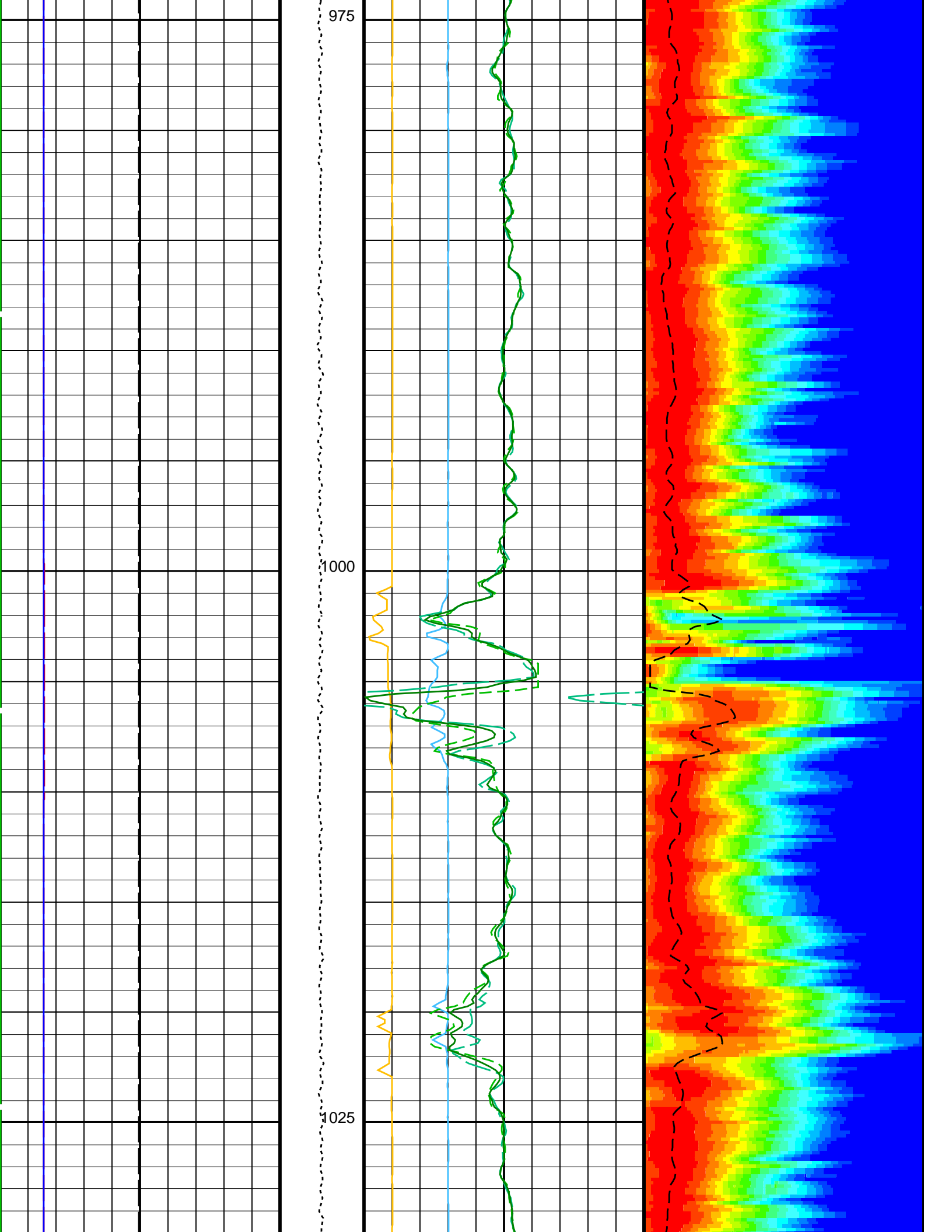
Delta-T Stoneley (DTST)

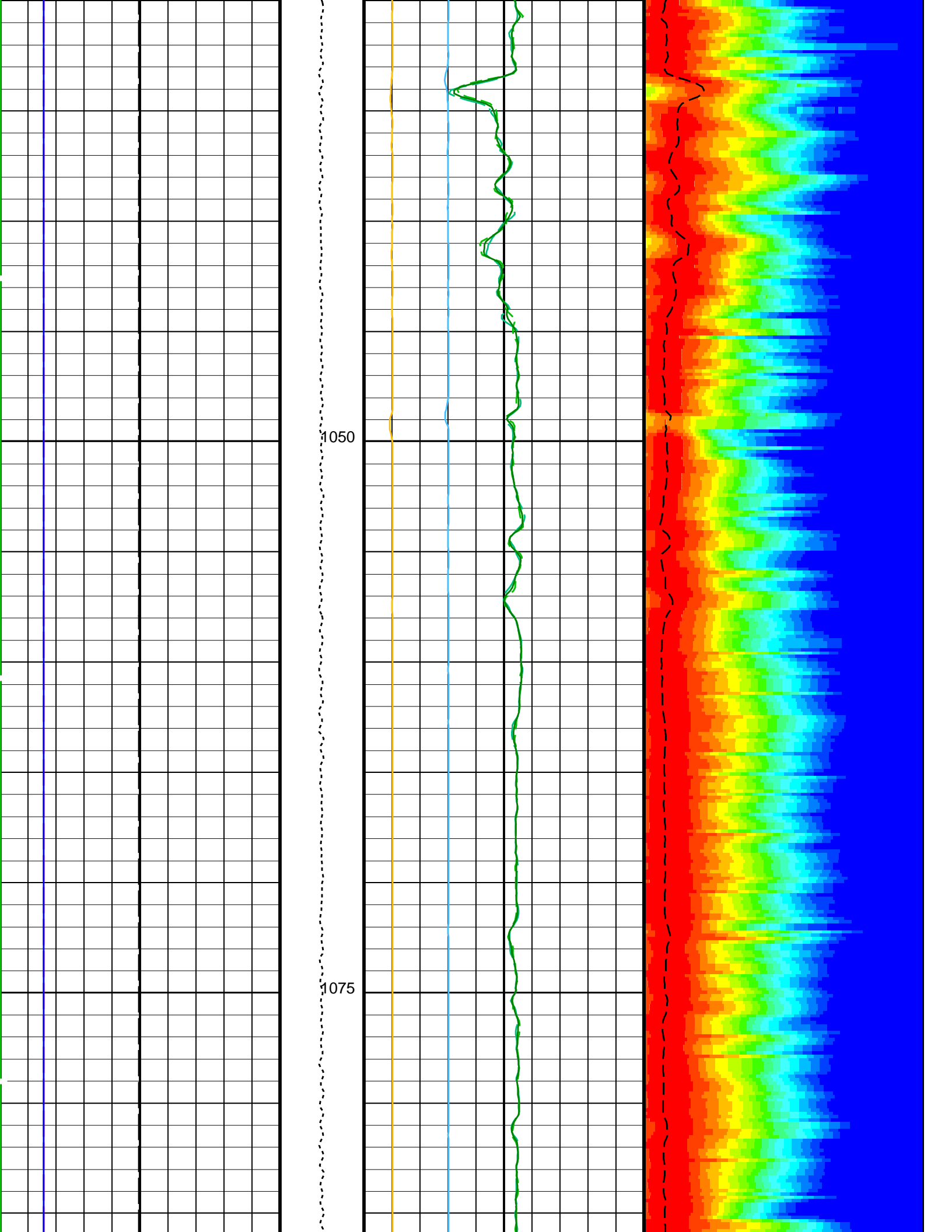


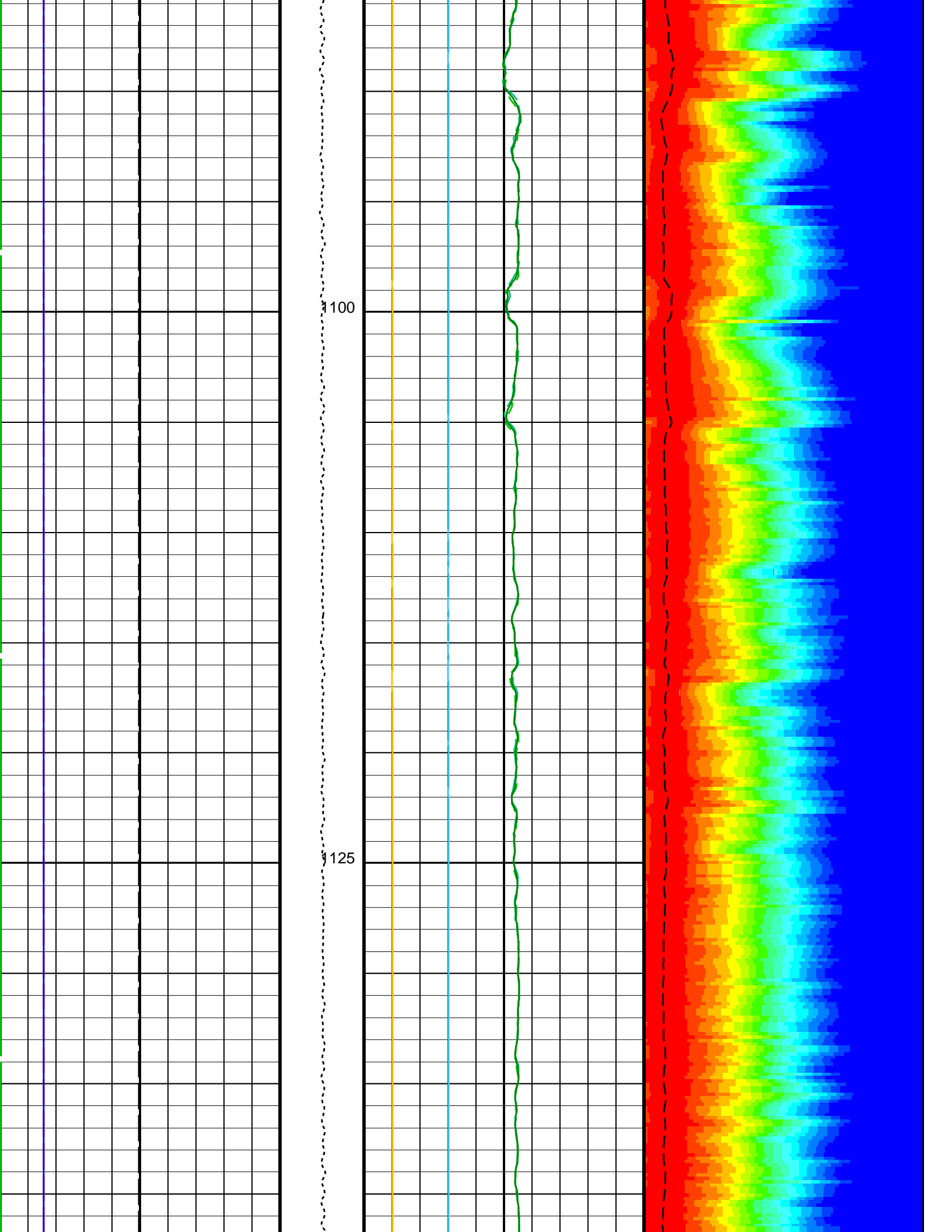


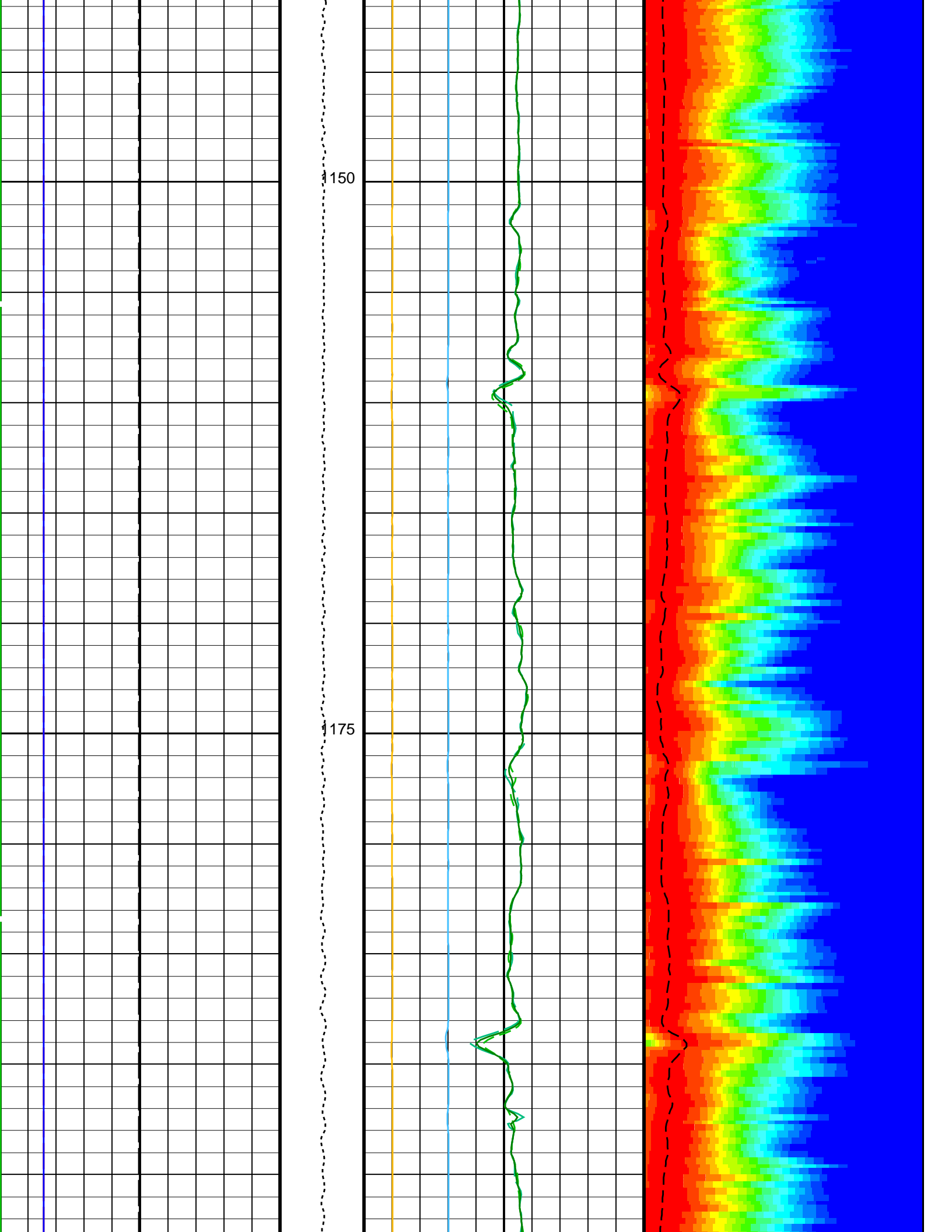


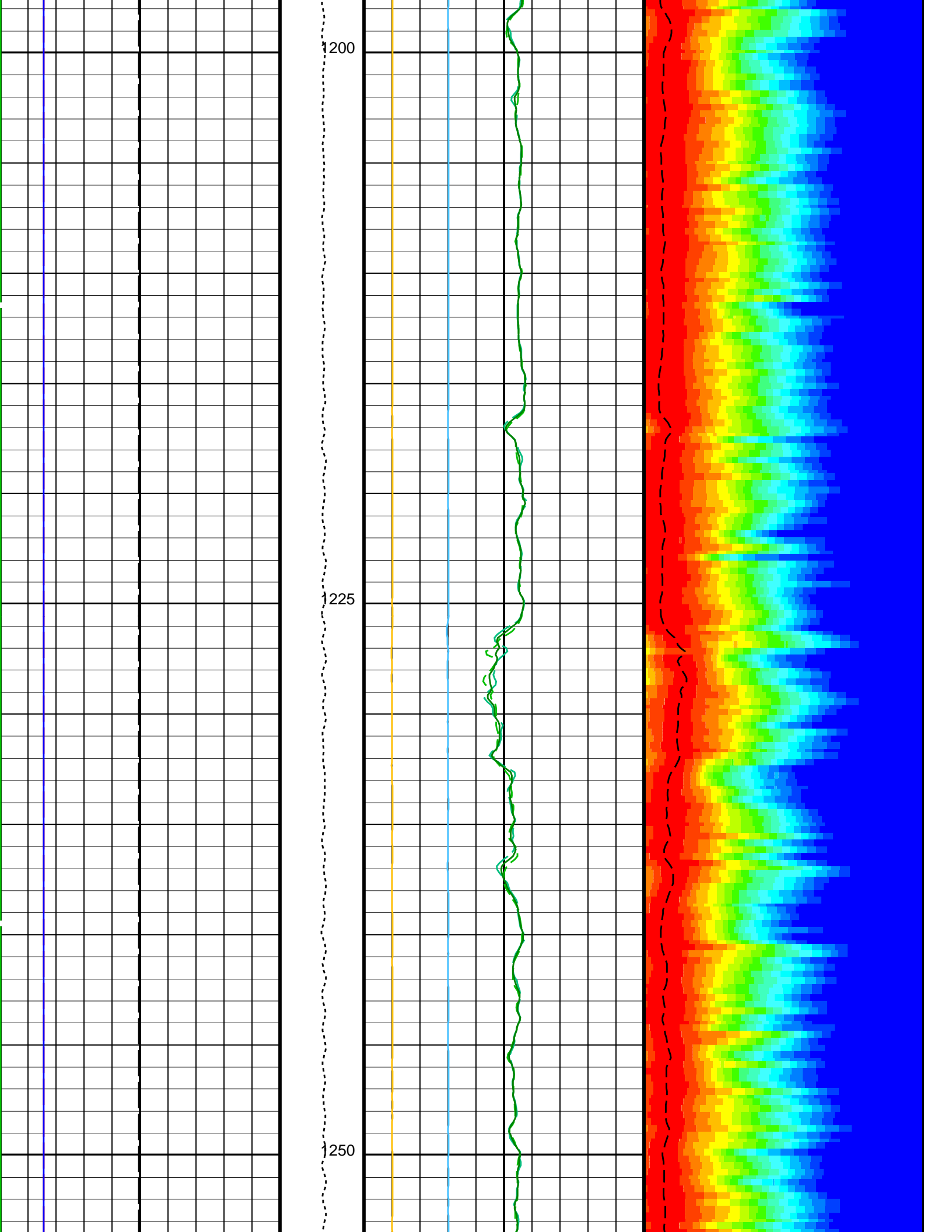


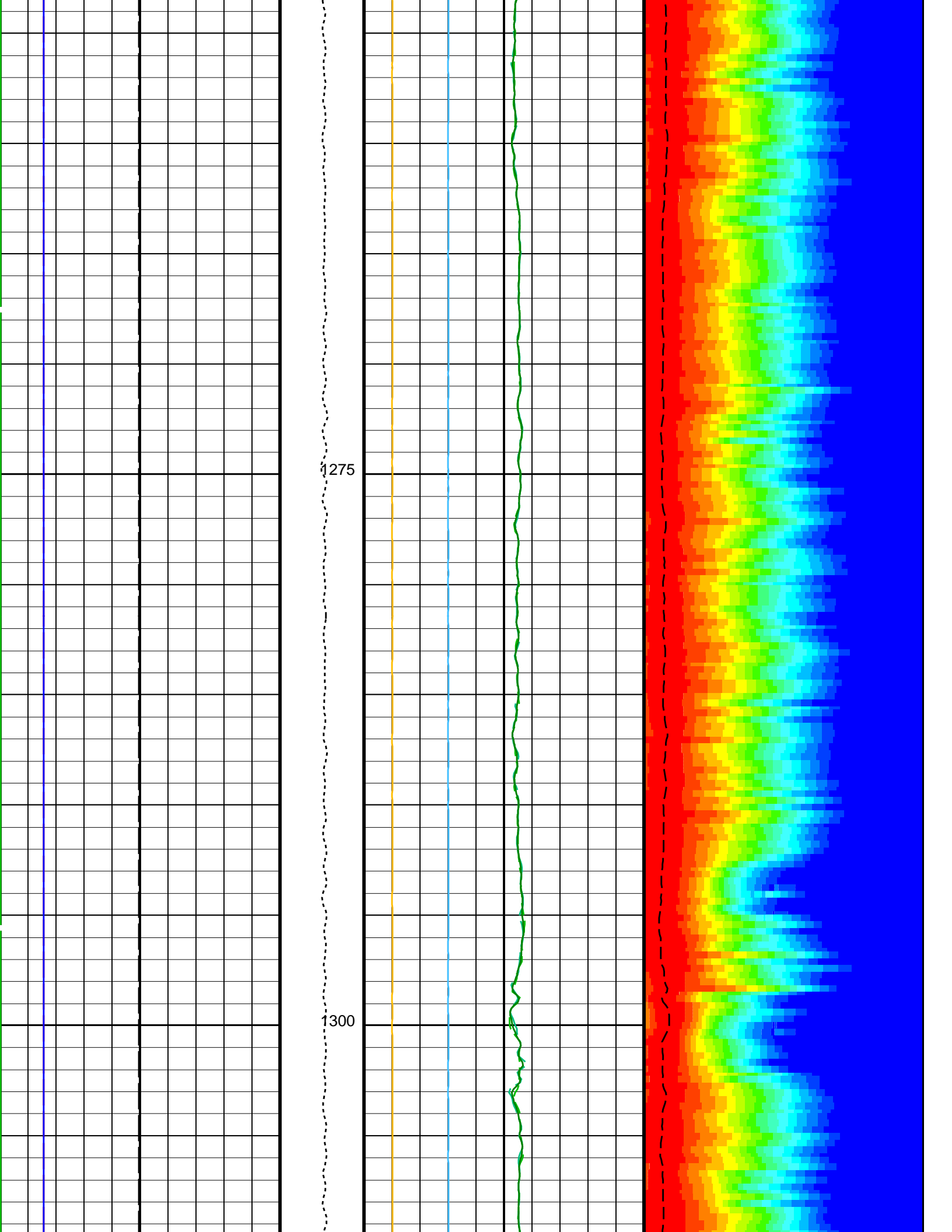


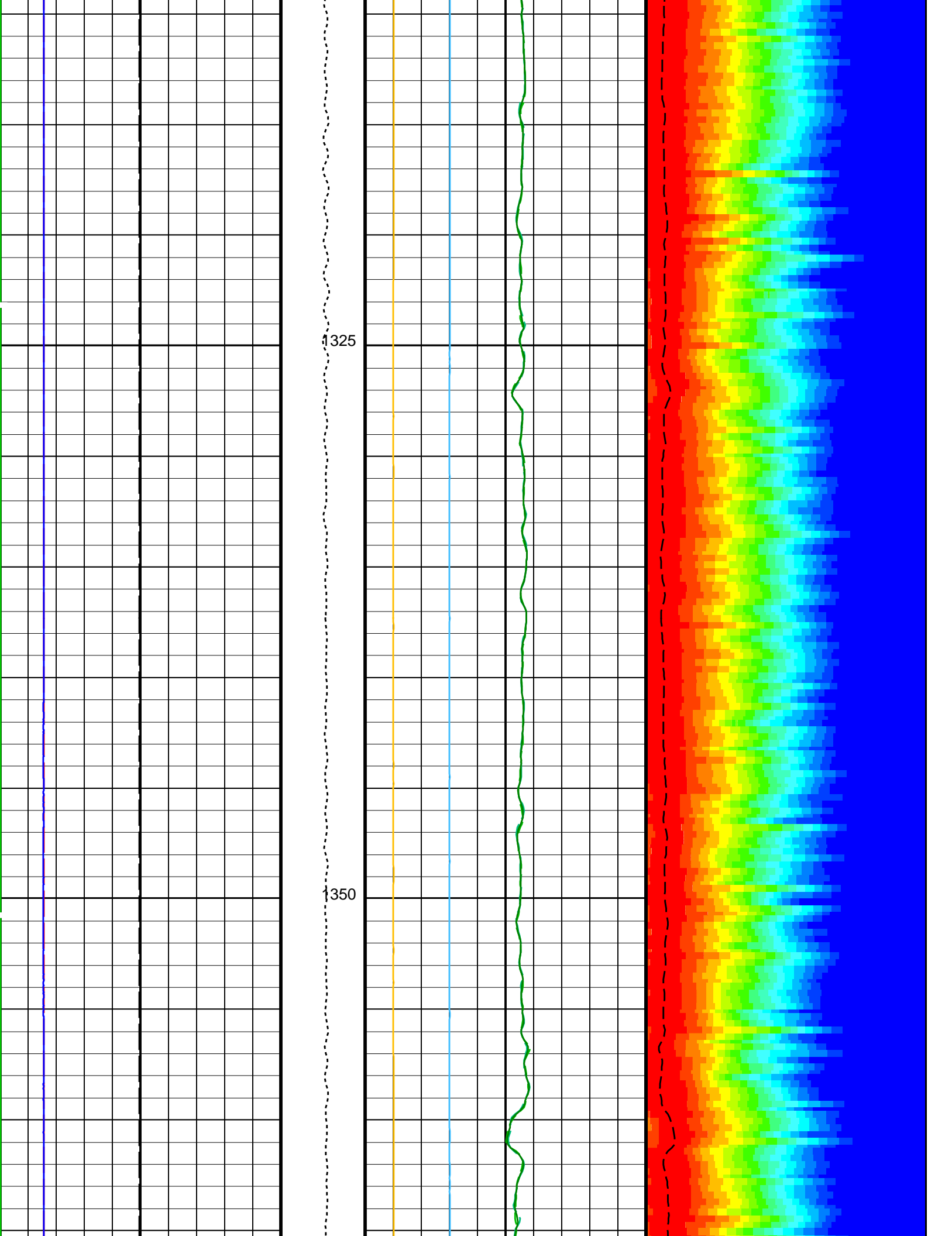


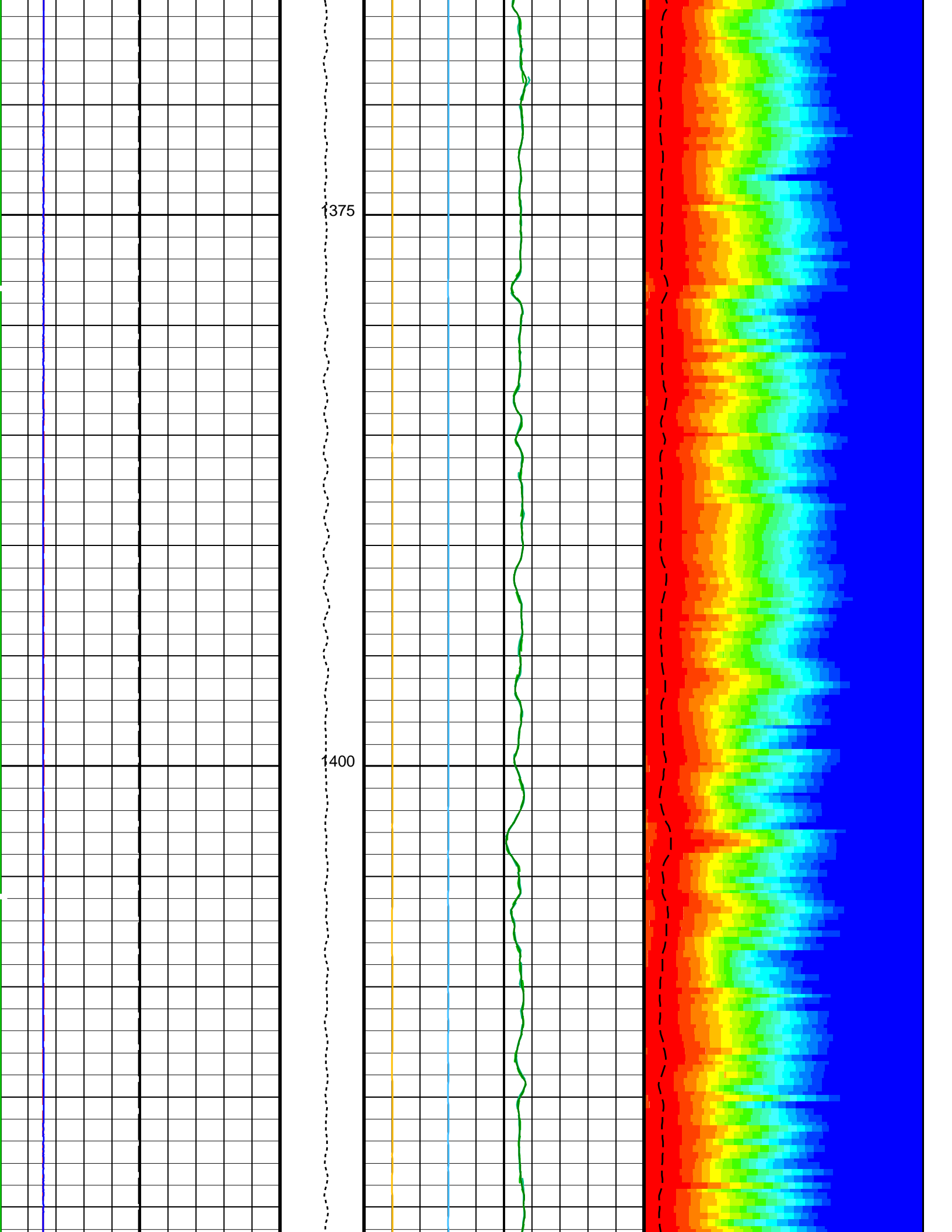




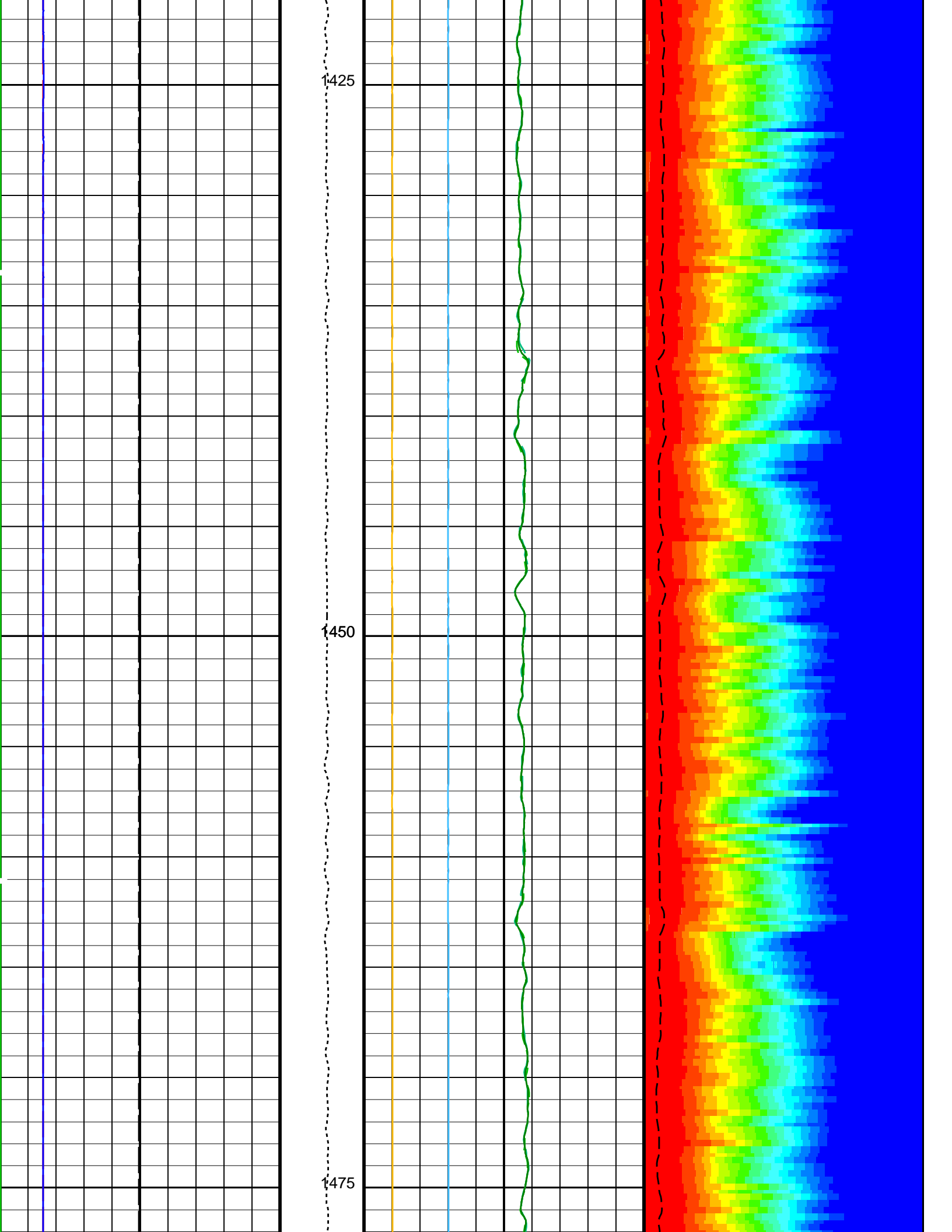


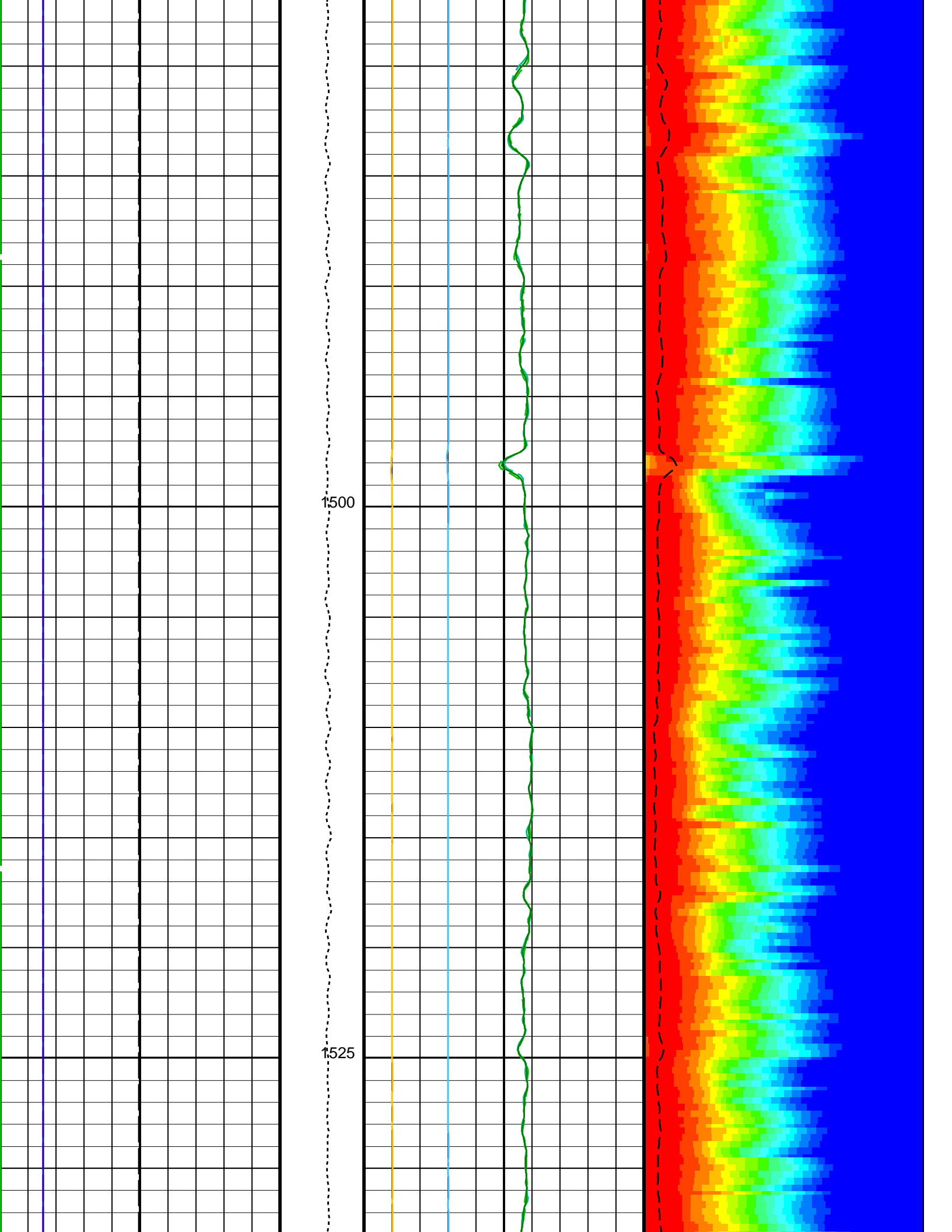


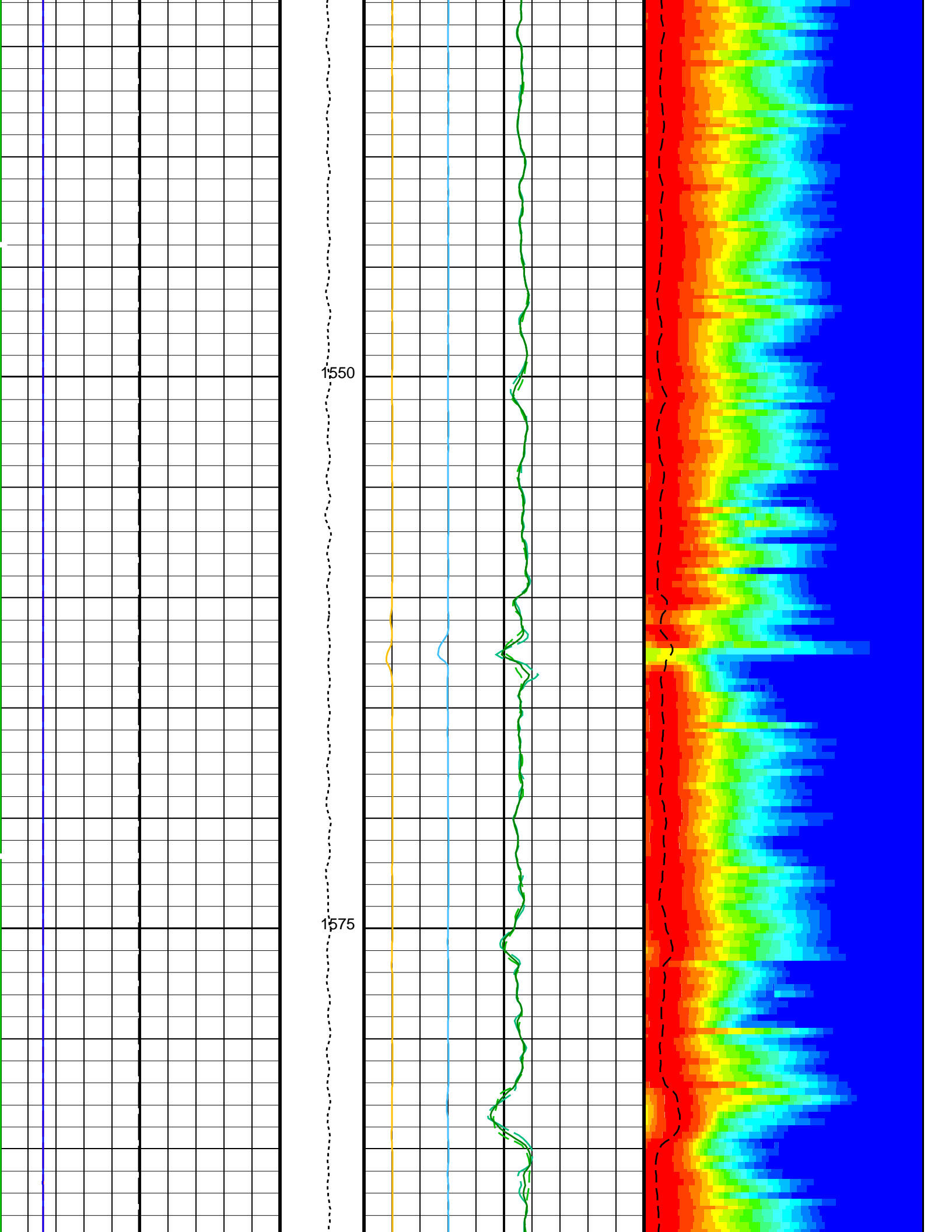


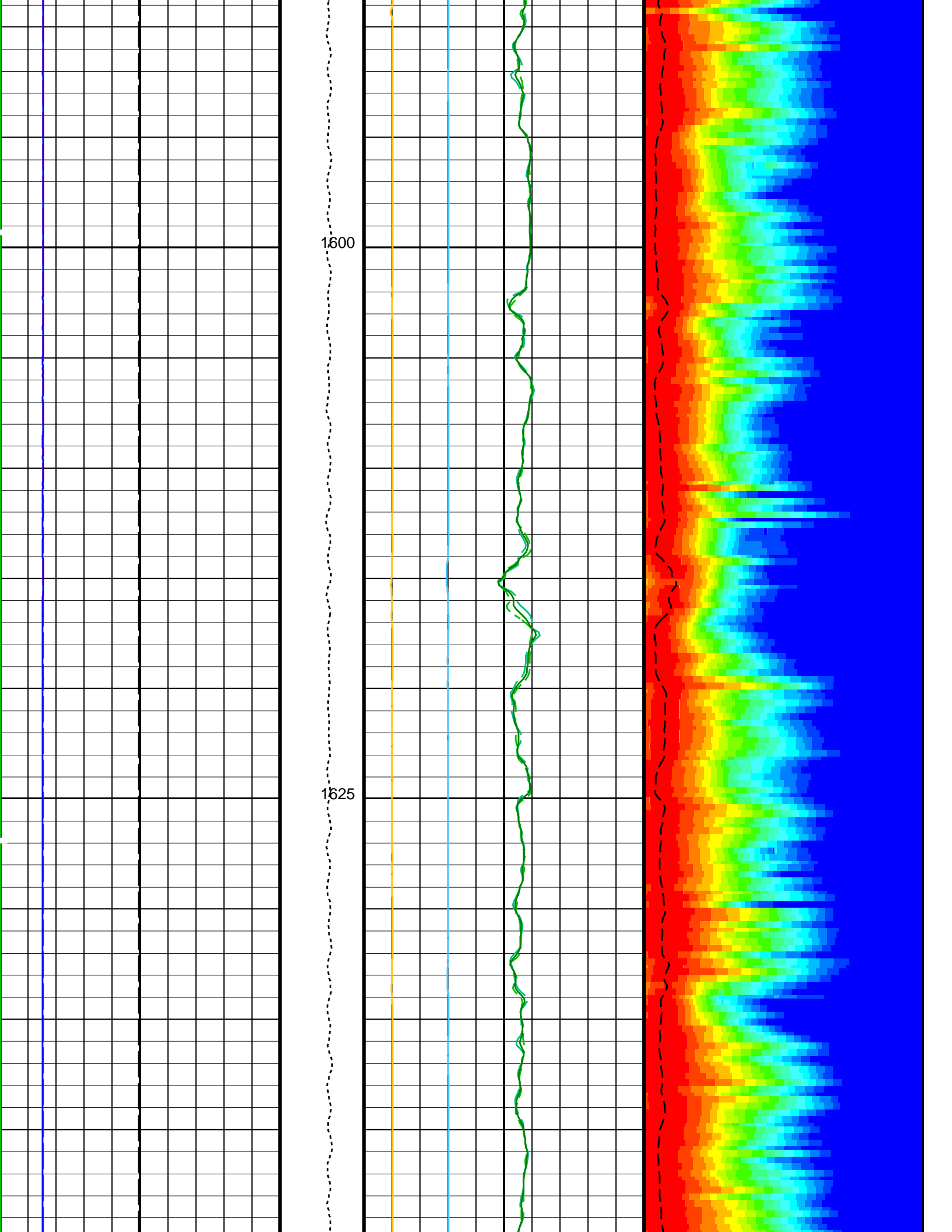


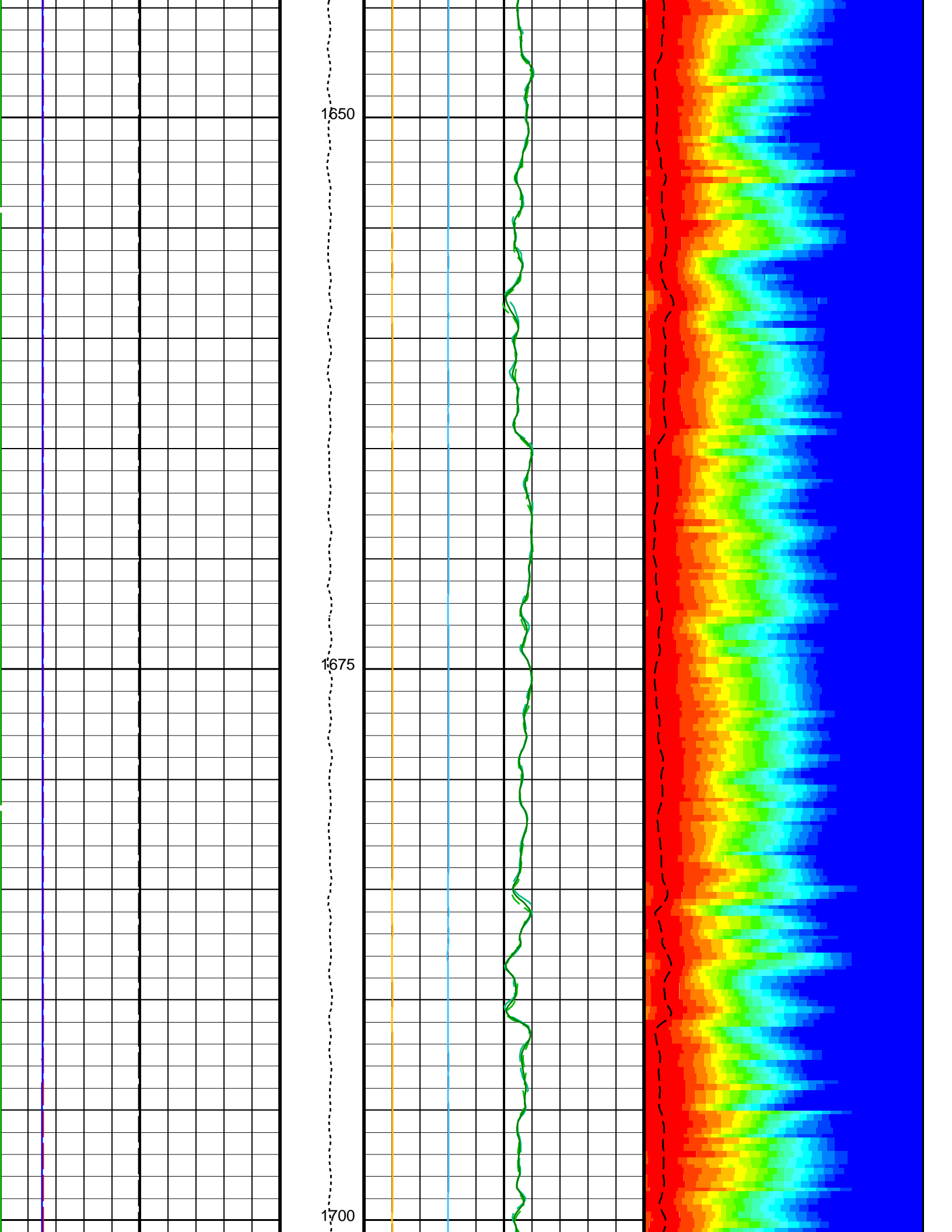


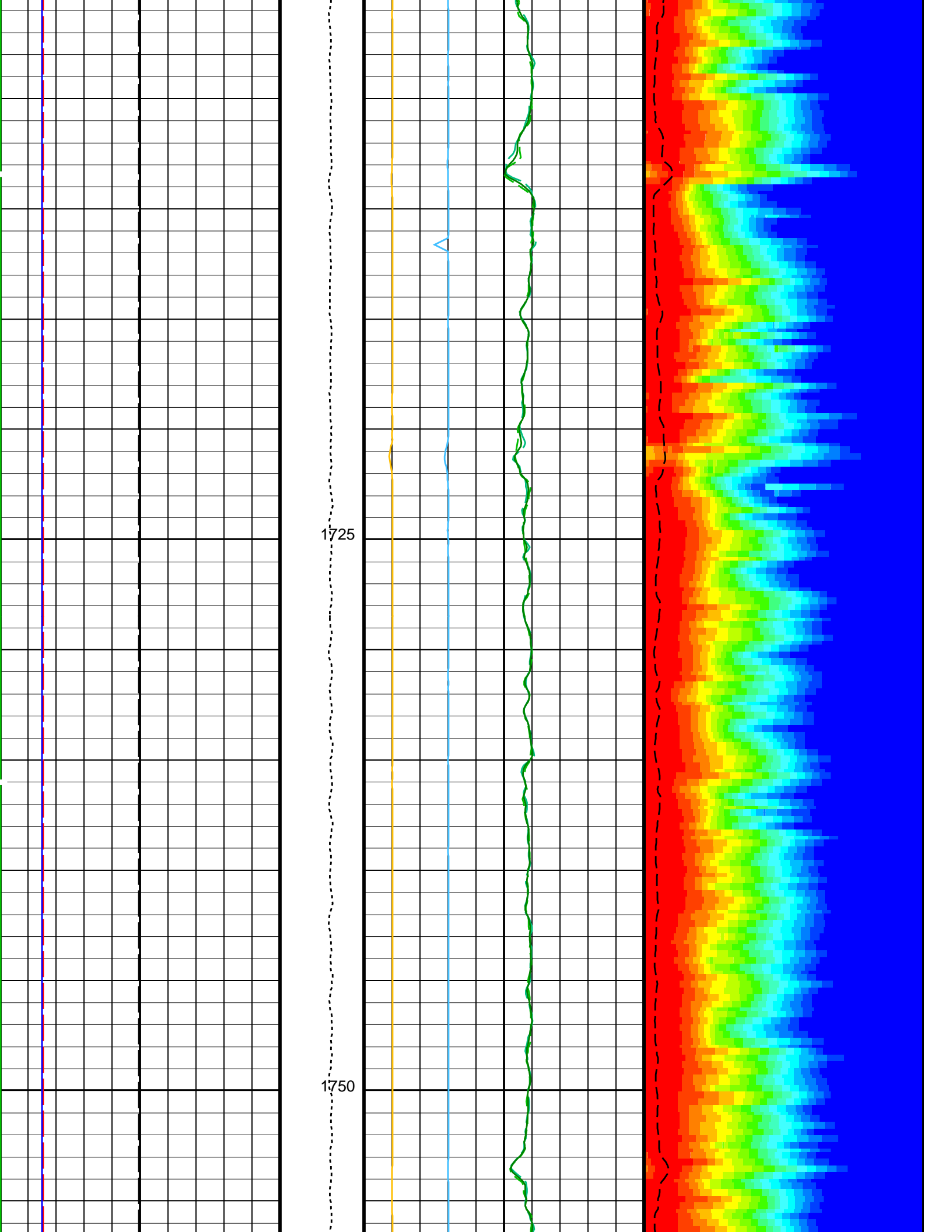


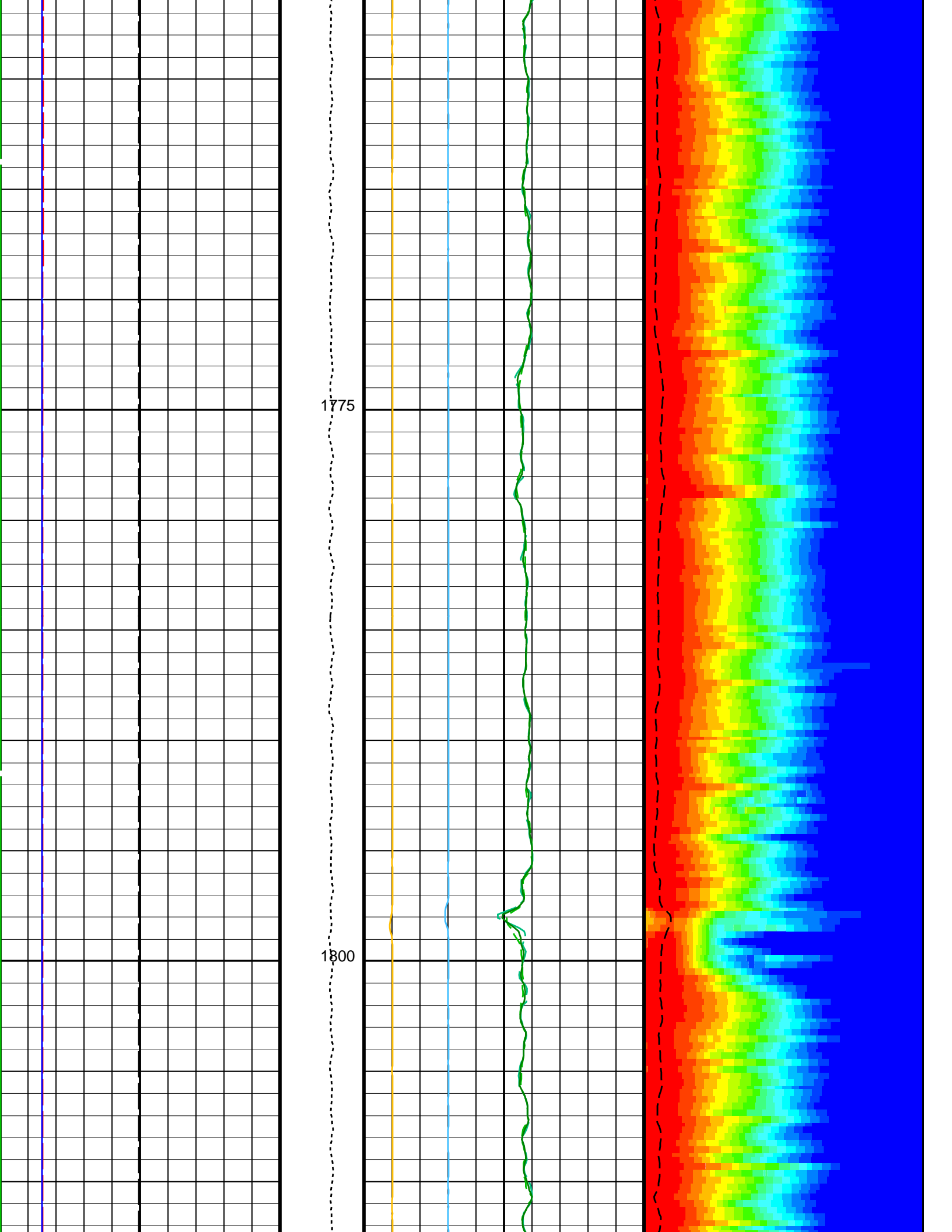


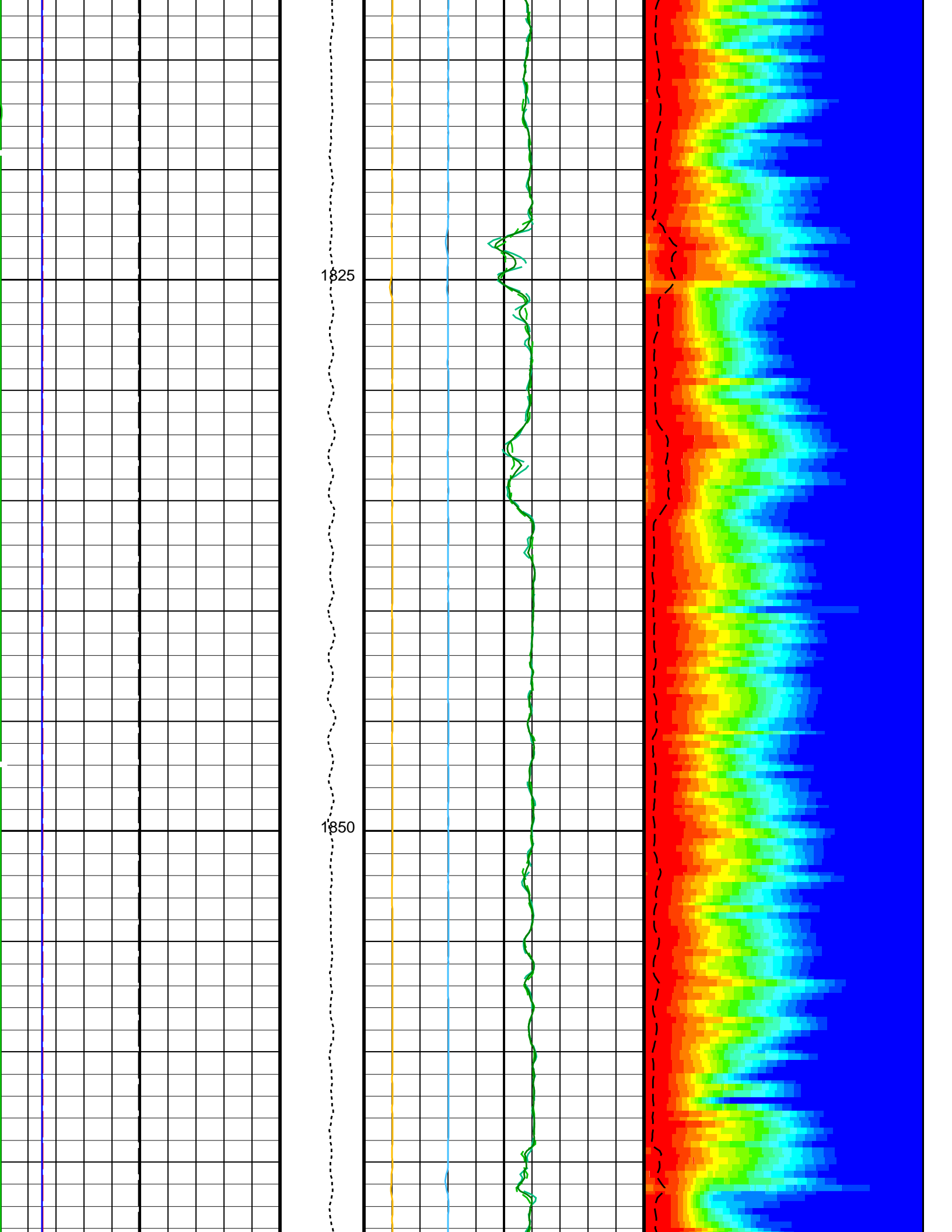




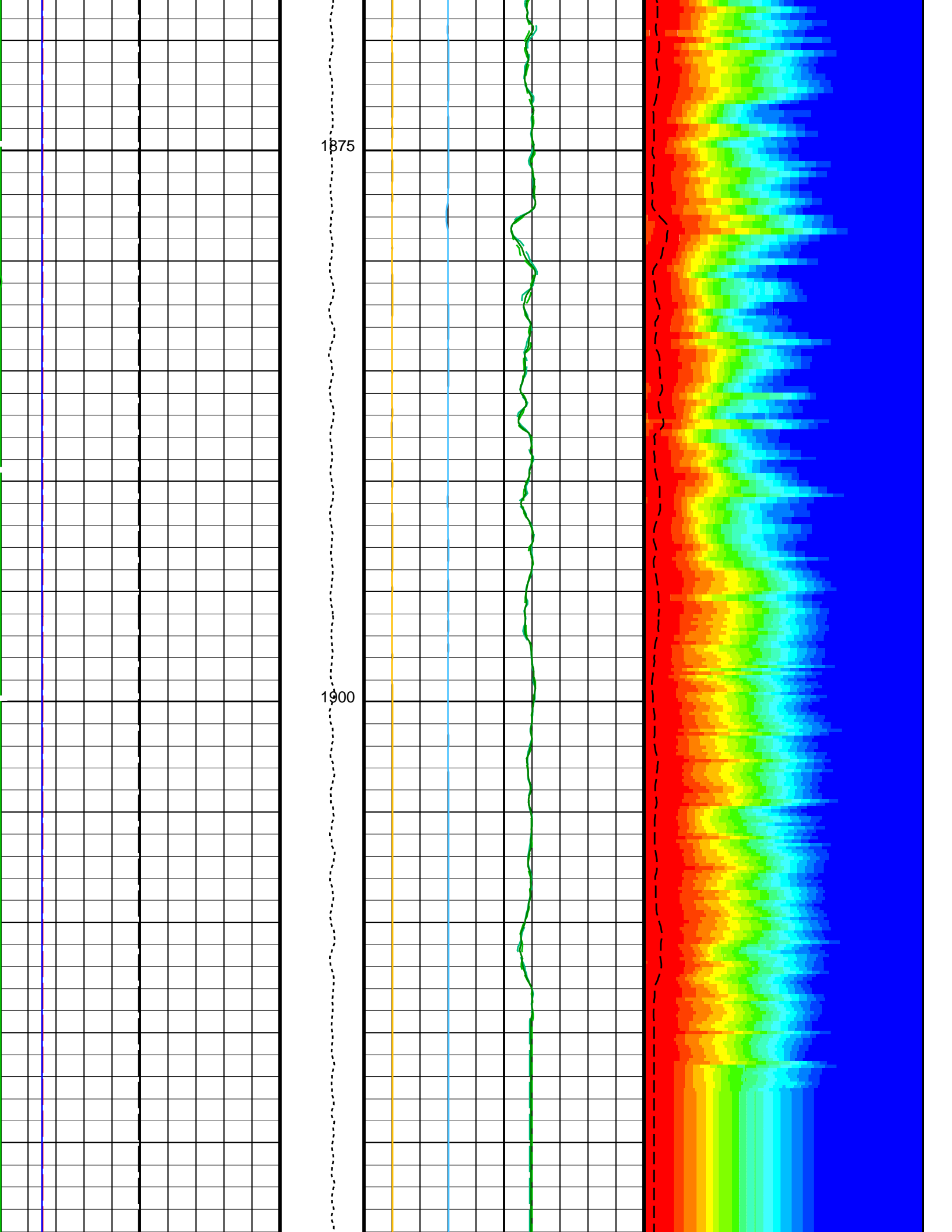


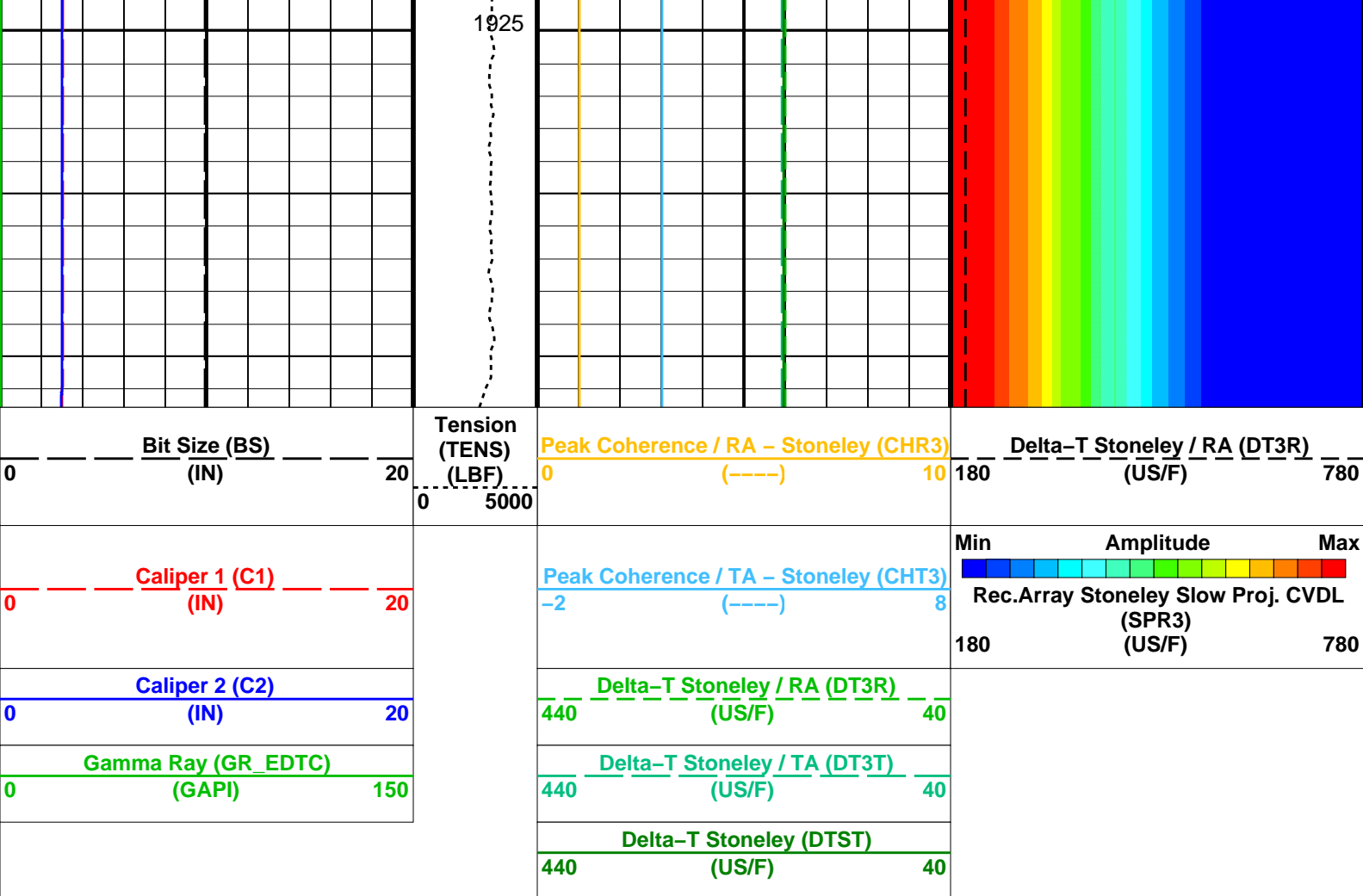












### PIP SUMMARY

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	EVEN
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	NORMAL	

Format: DSST\_STONELEY\_VDL\_COLOR      Vertical Scale: 1:200      Graphics File Created: 30-May-2023 16:39

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

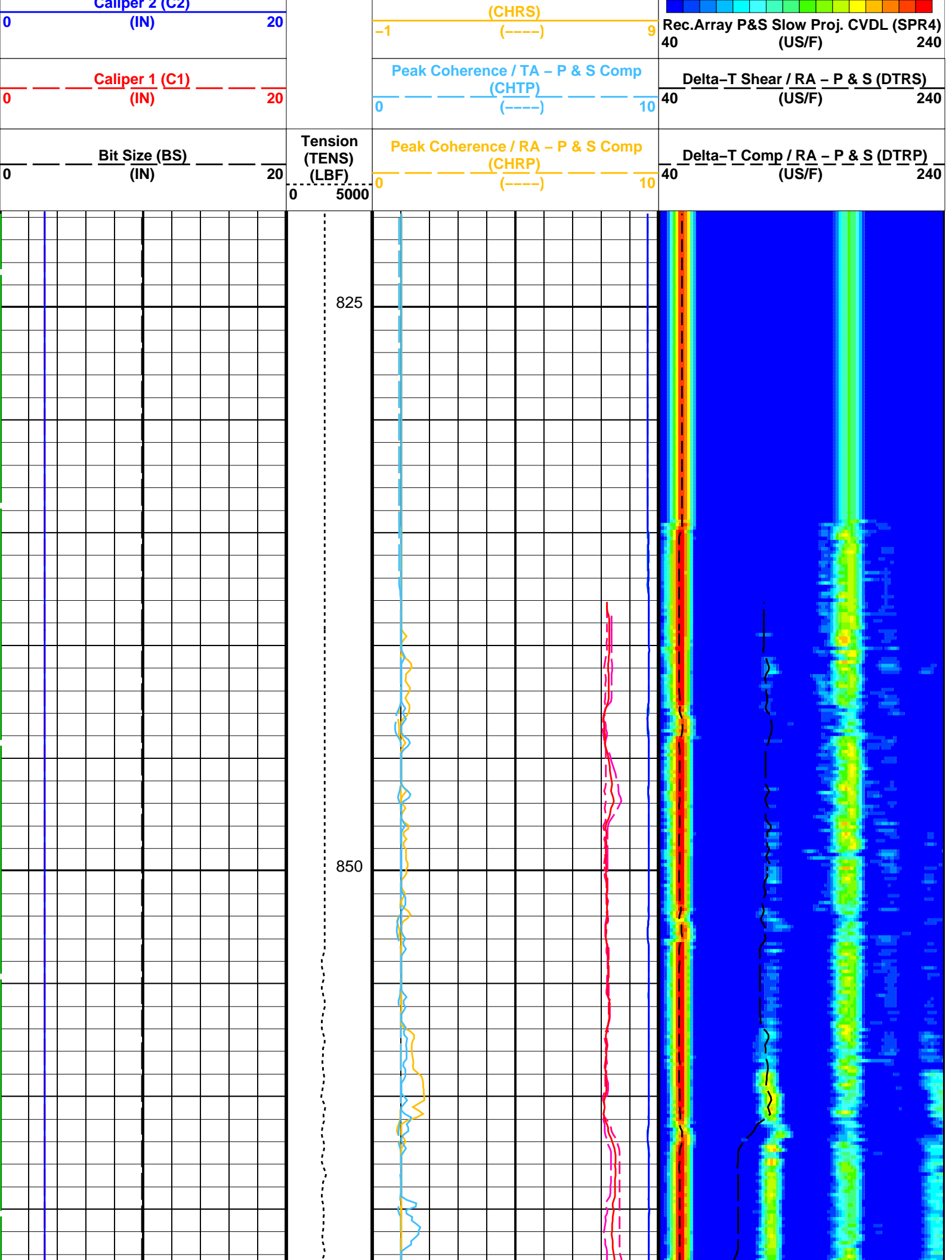
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Output DLIS Files					
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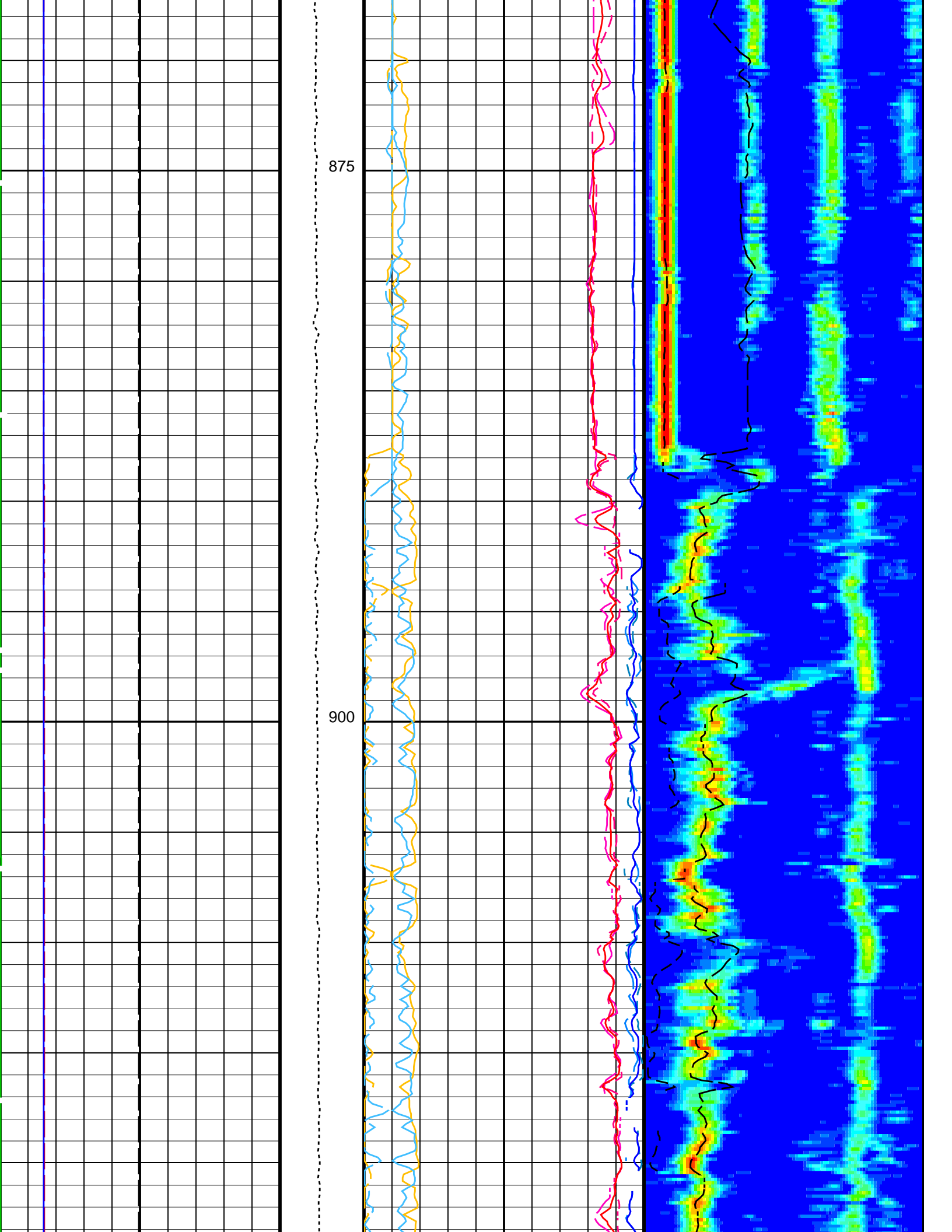
Company: International Ocean Discovery Program      Well: Expedition 399, Site U1601C

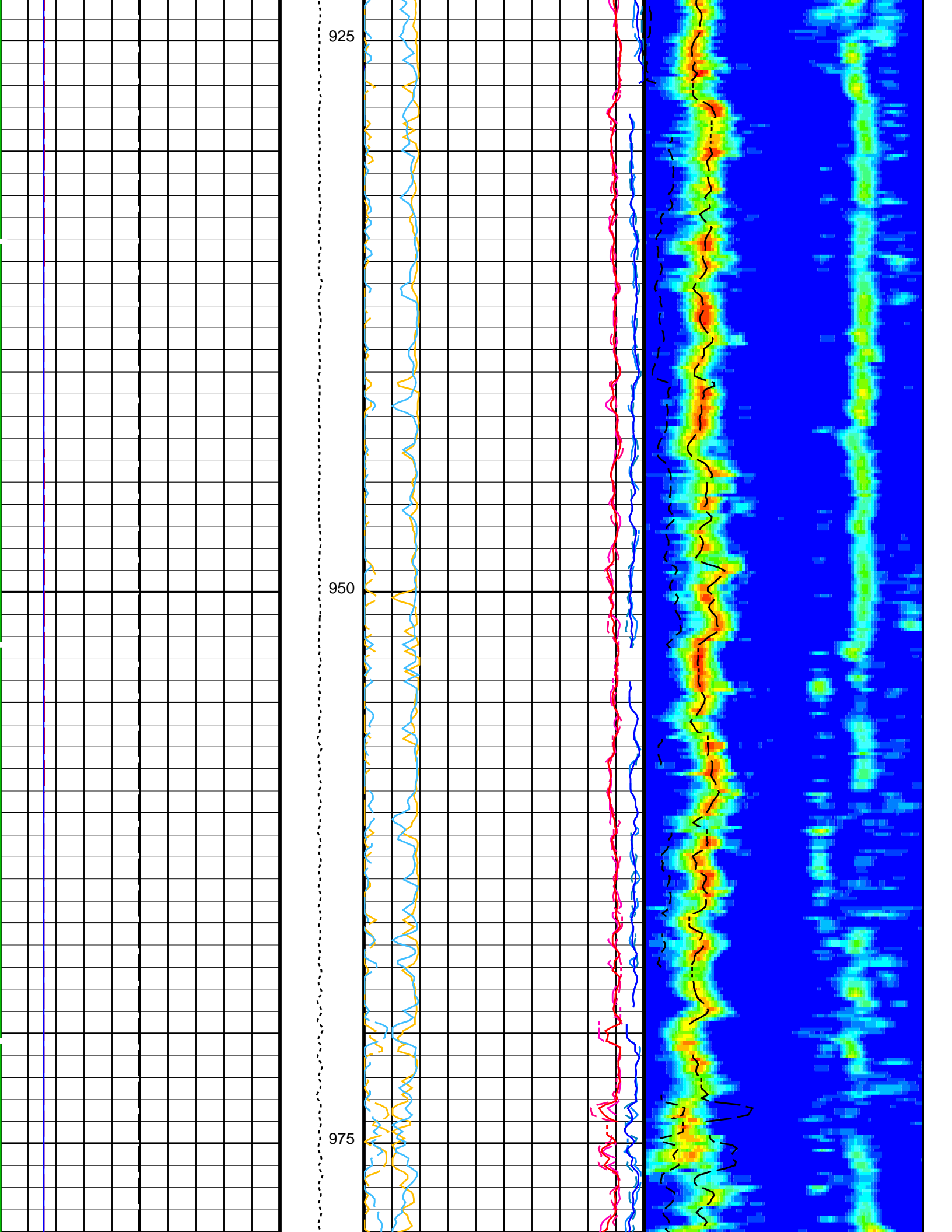
Input DLIS Files					
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Output DLIS Files					
DEFAULT	FMS_DSI_NGS_117PUP	FN:111	PRODUCER	30-May-2023 16:39	1936.5 M
OP System Version: 19C0-187					
MEST-B	19C0-187	DTA-A	19C0-187		
DSST-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

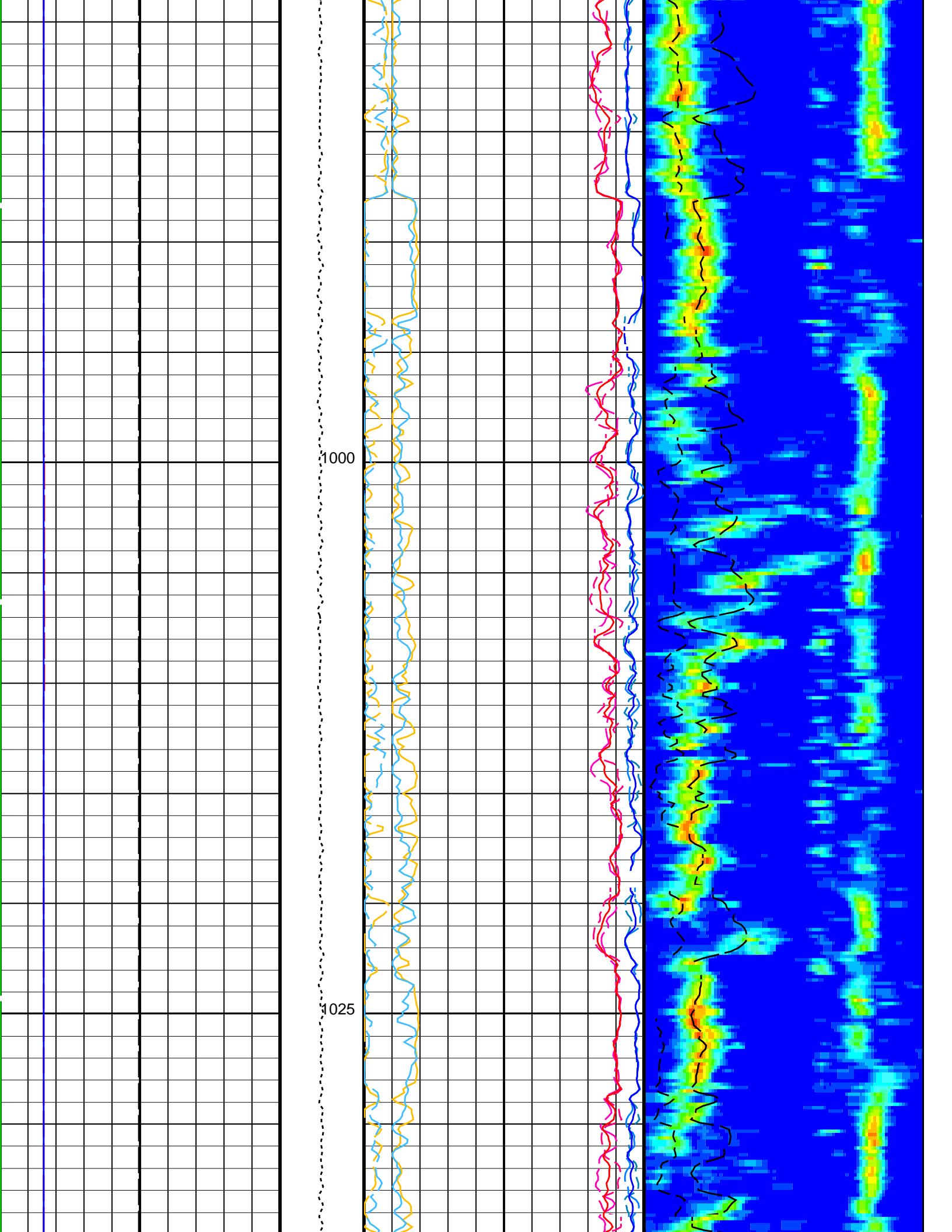
PIP SUMMARY  
Time Mark Every 60 S

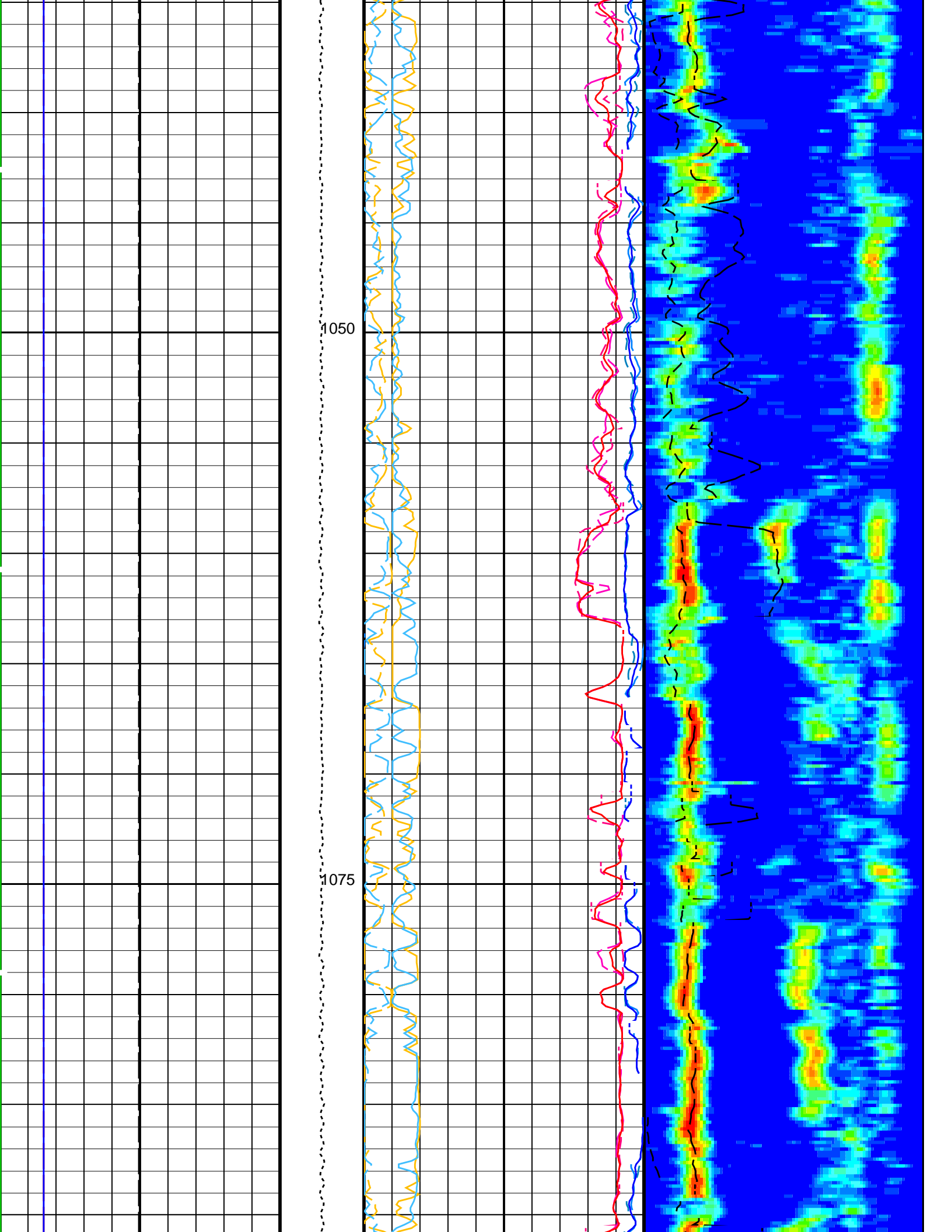
		Delta-T Shear – P & S (DT4S)	
		440 (US/F) 40	
		Delta-T Shear / TA – P & S (DTTS)	
		440 (US/F) 40	
		Delta-T Shear / RA – P & S (DTRS)	
		440 (US/F) 40	
		Delta-T Comp – P & S (DT4P)	
		440 (US/F) 40	
		Delta-T Comp / TA – P & S (DTPP)	
		440 (US/F) 40	
		Delta-T Comp / RA – P & S (DTRP)	
		440 (US/F) 40	
Gamma Ray (GR_EDTC)		Peak Coherence / TA – P & S Shear	
0 (GAPI) 150		(CHTS)	
		-1 (----) 9	
Caliper 2 (C2)		Peak Coherence / RA – P & S Shear	
		Min Amplitude Max	



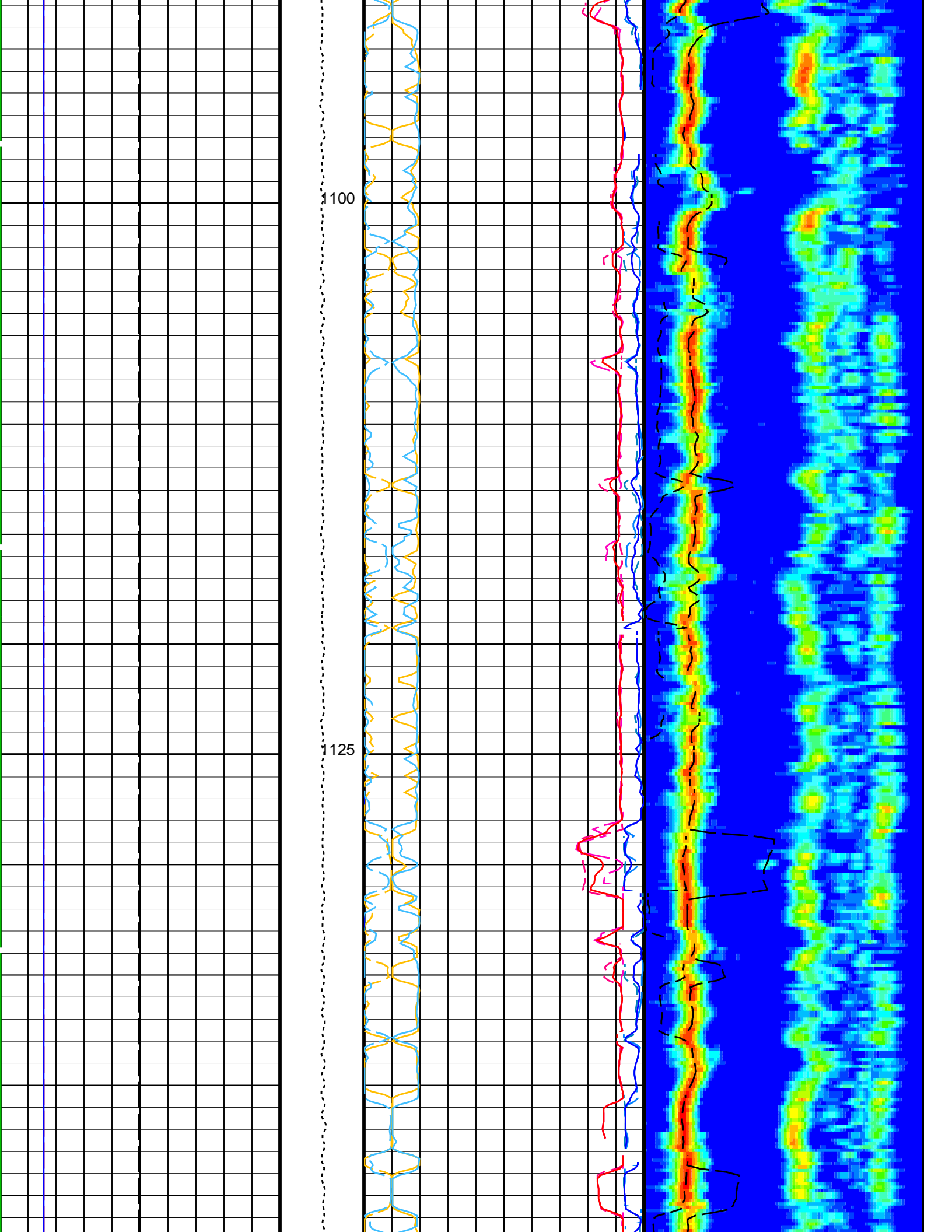


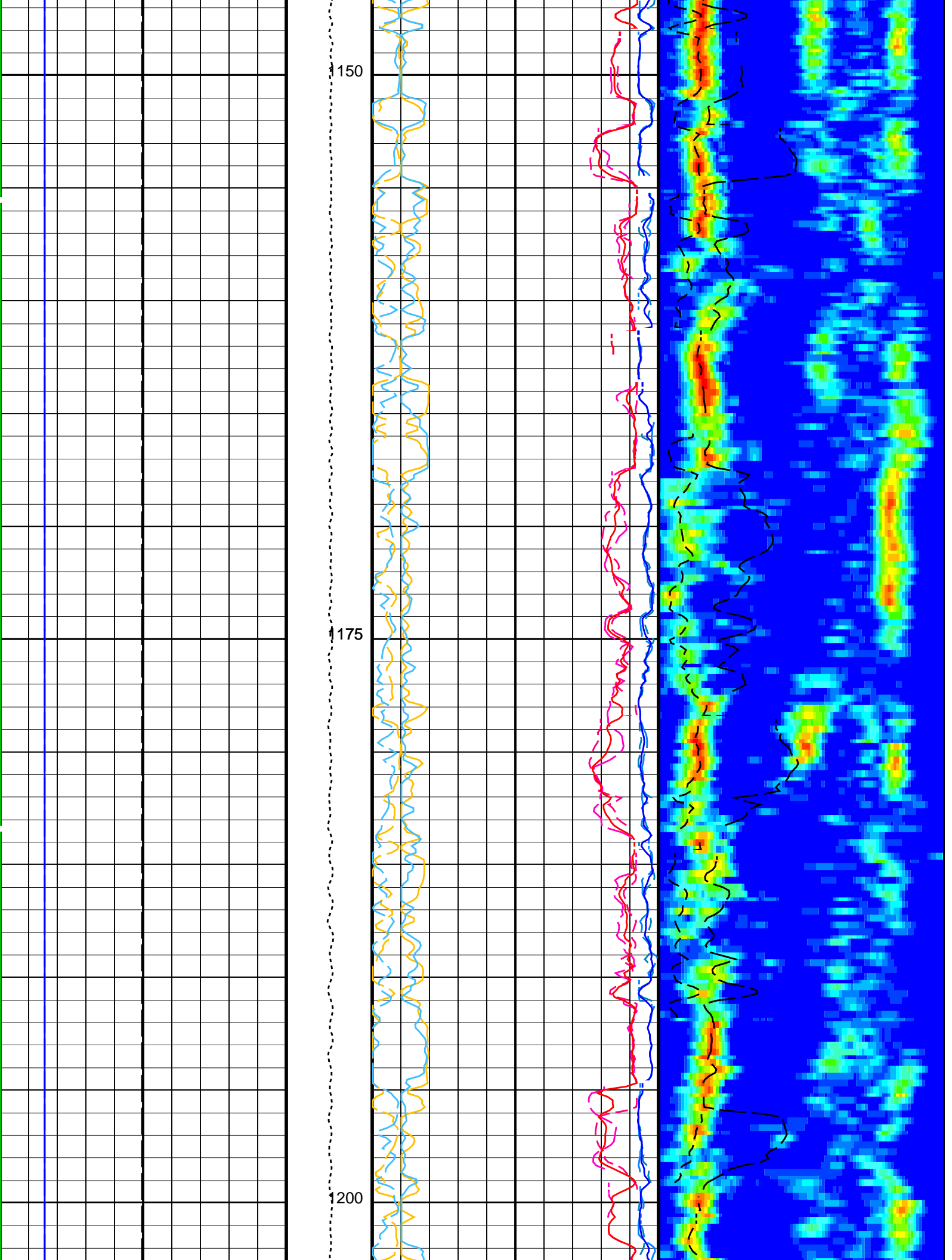


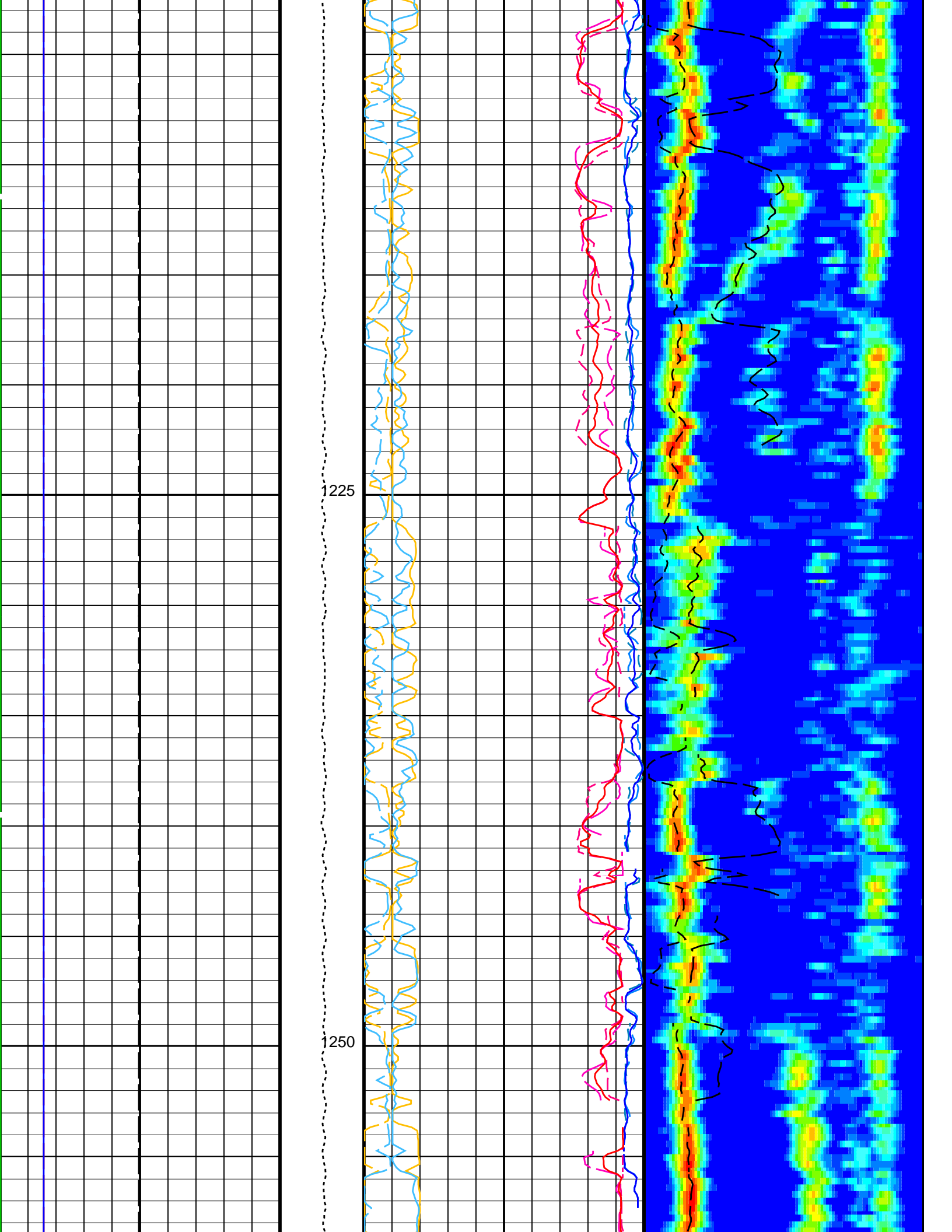


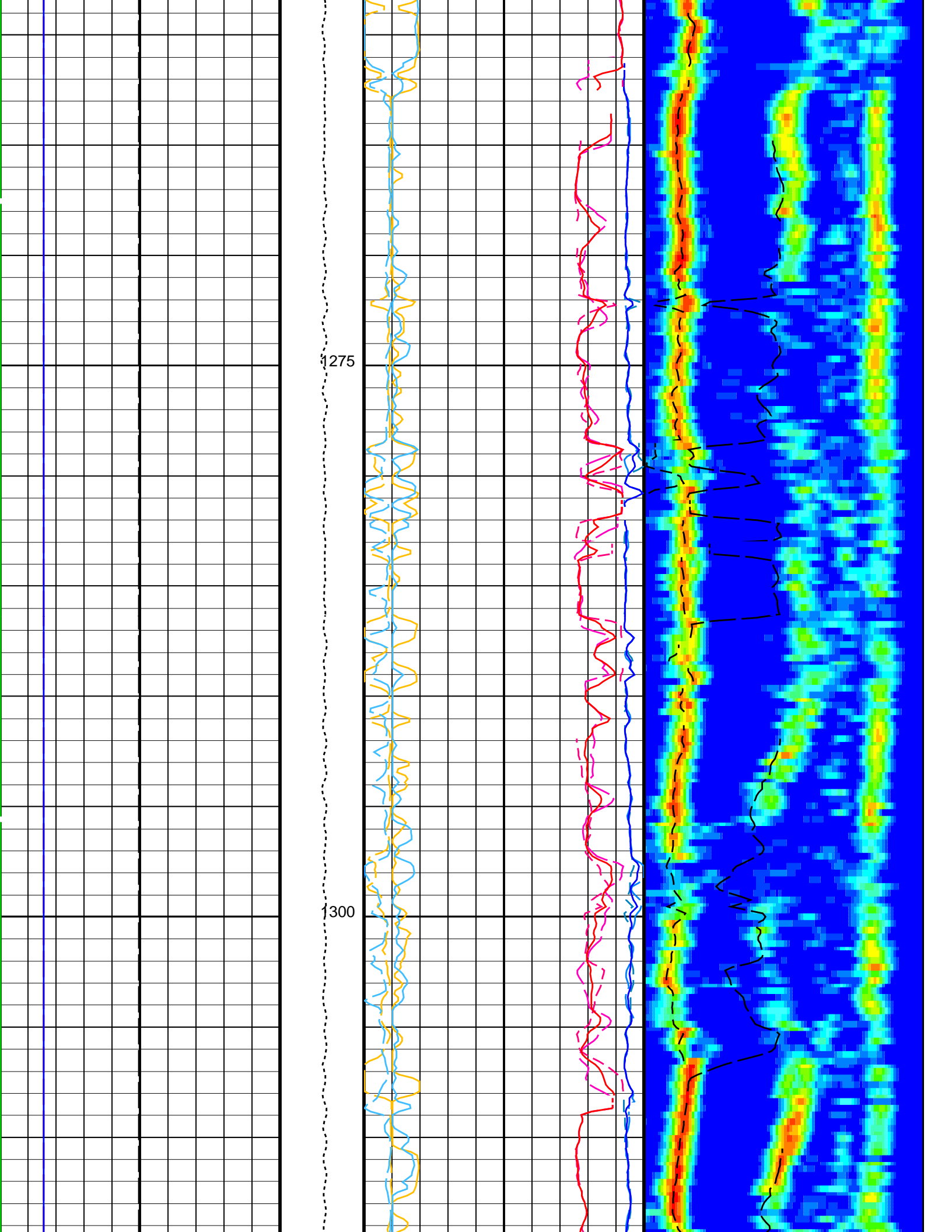


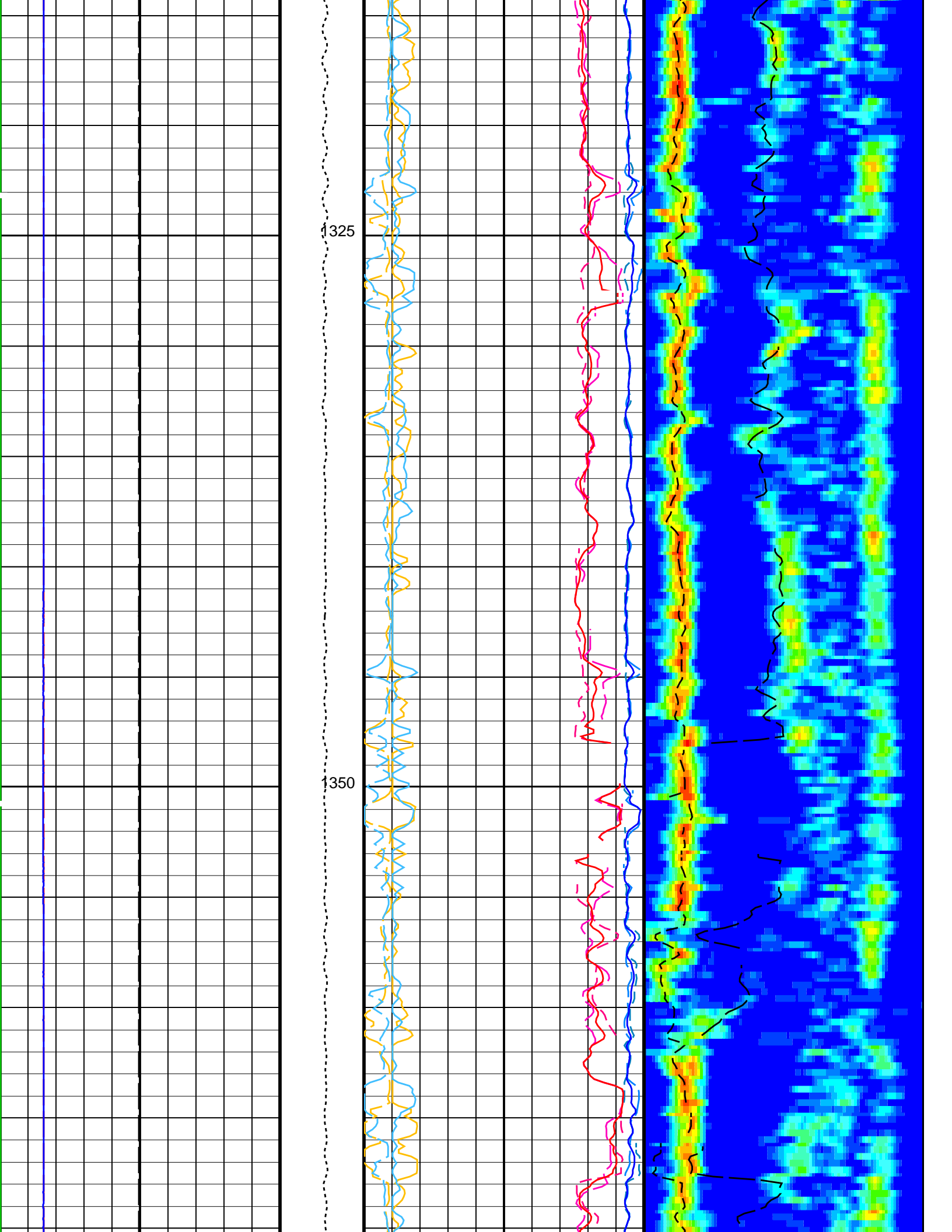


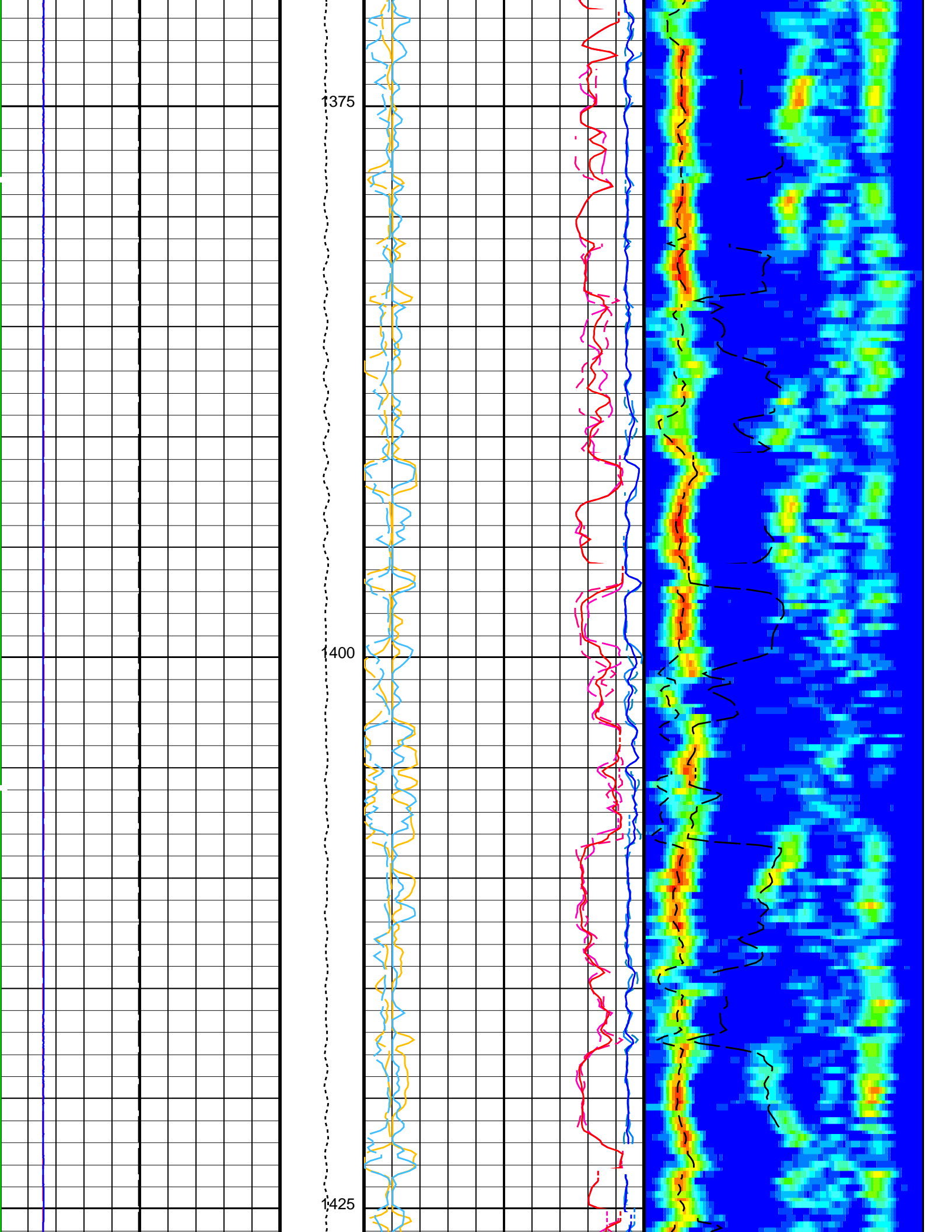


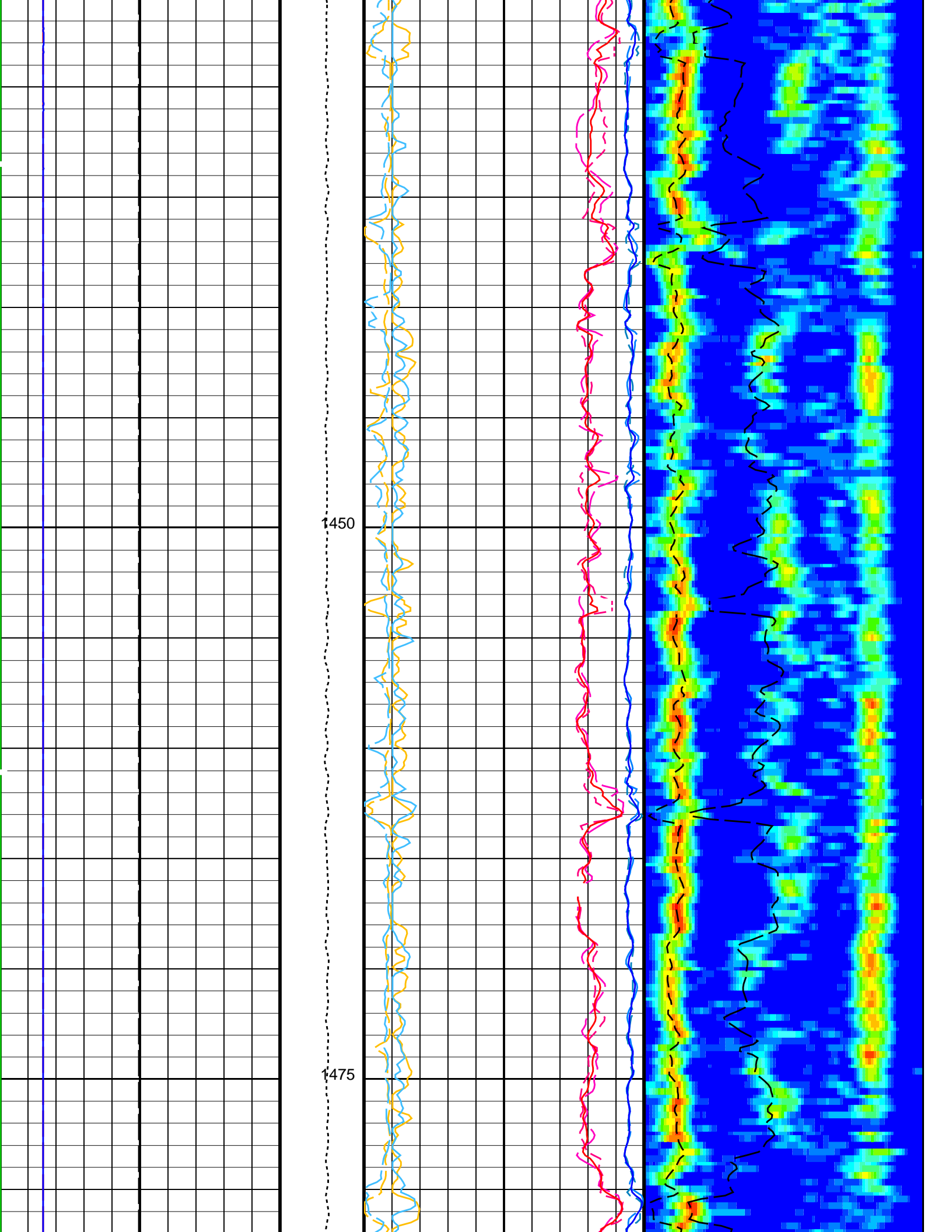


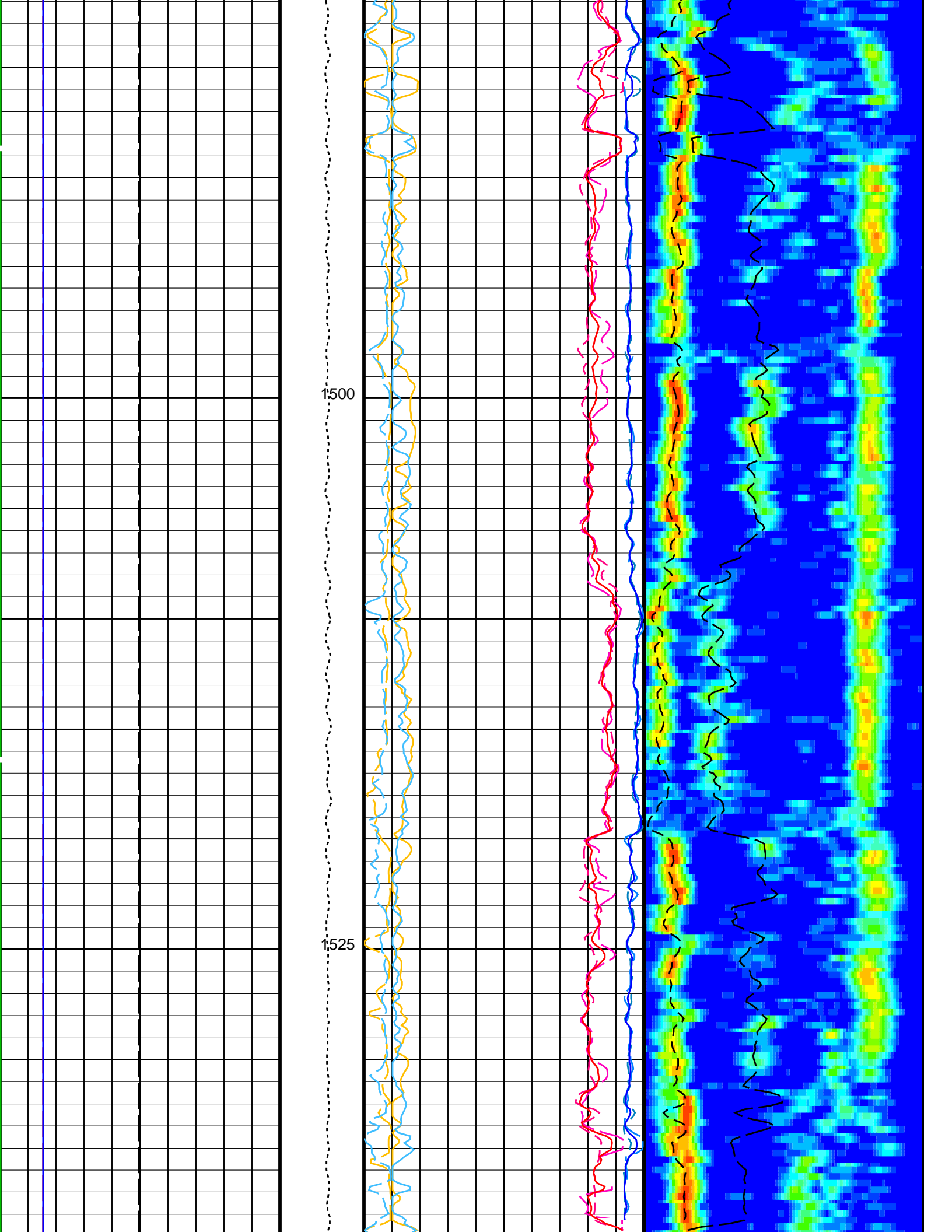




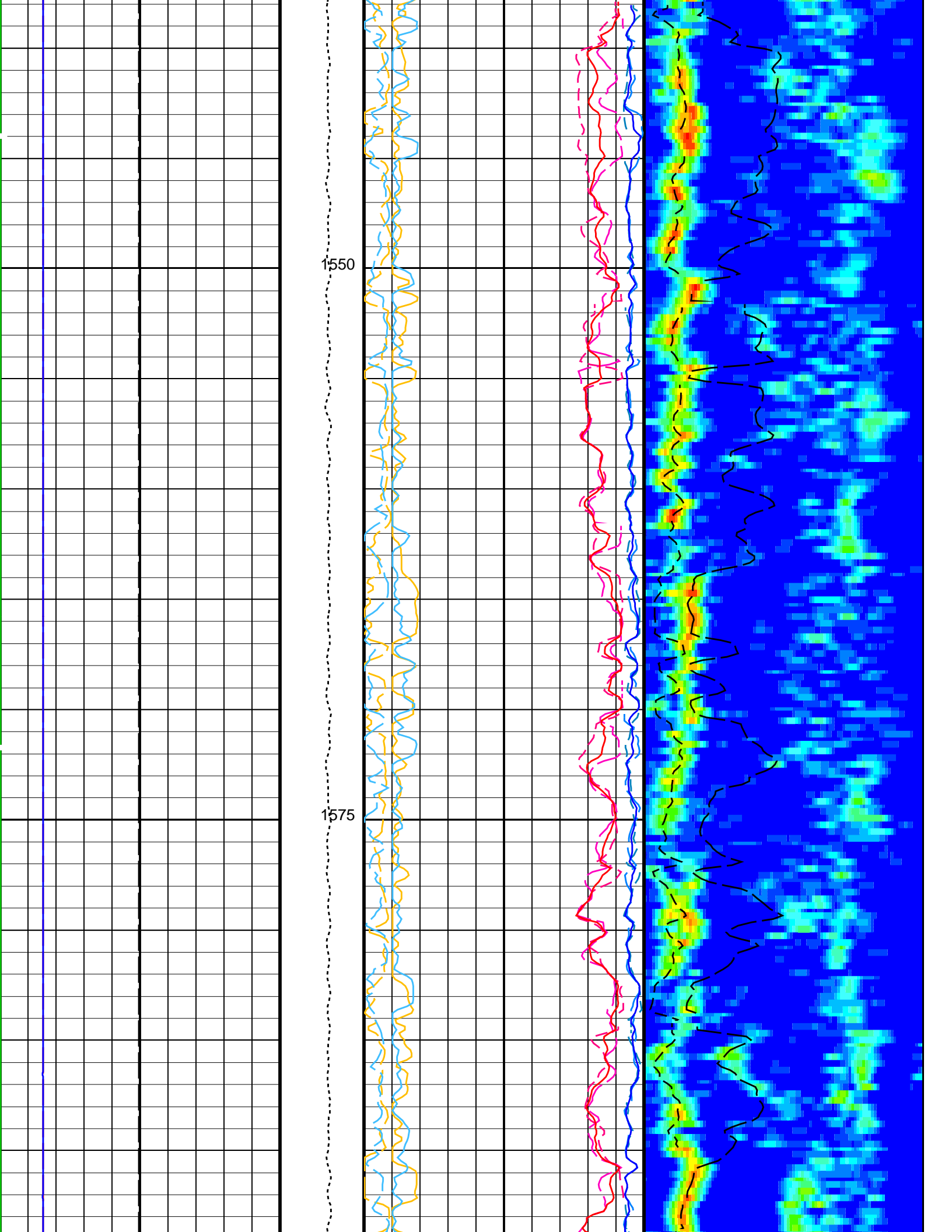


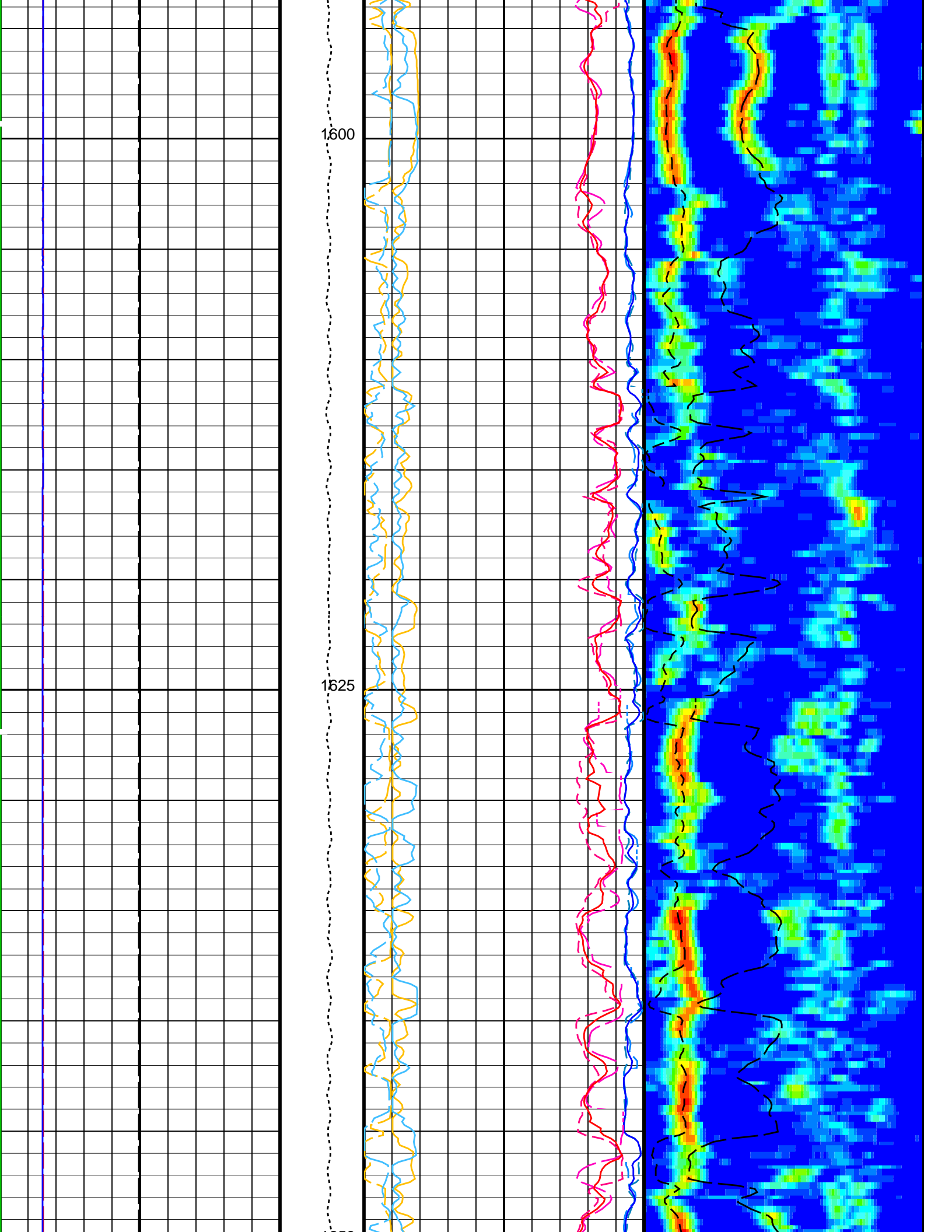


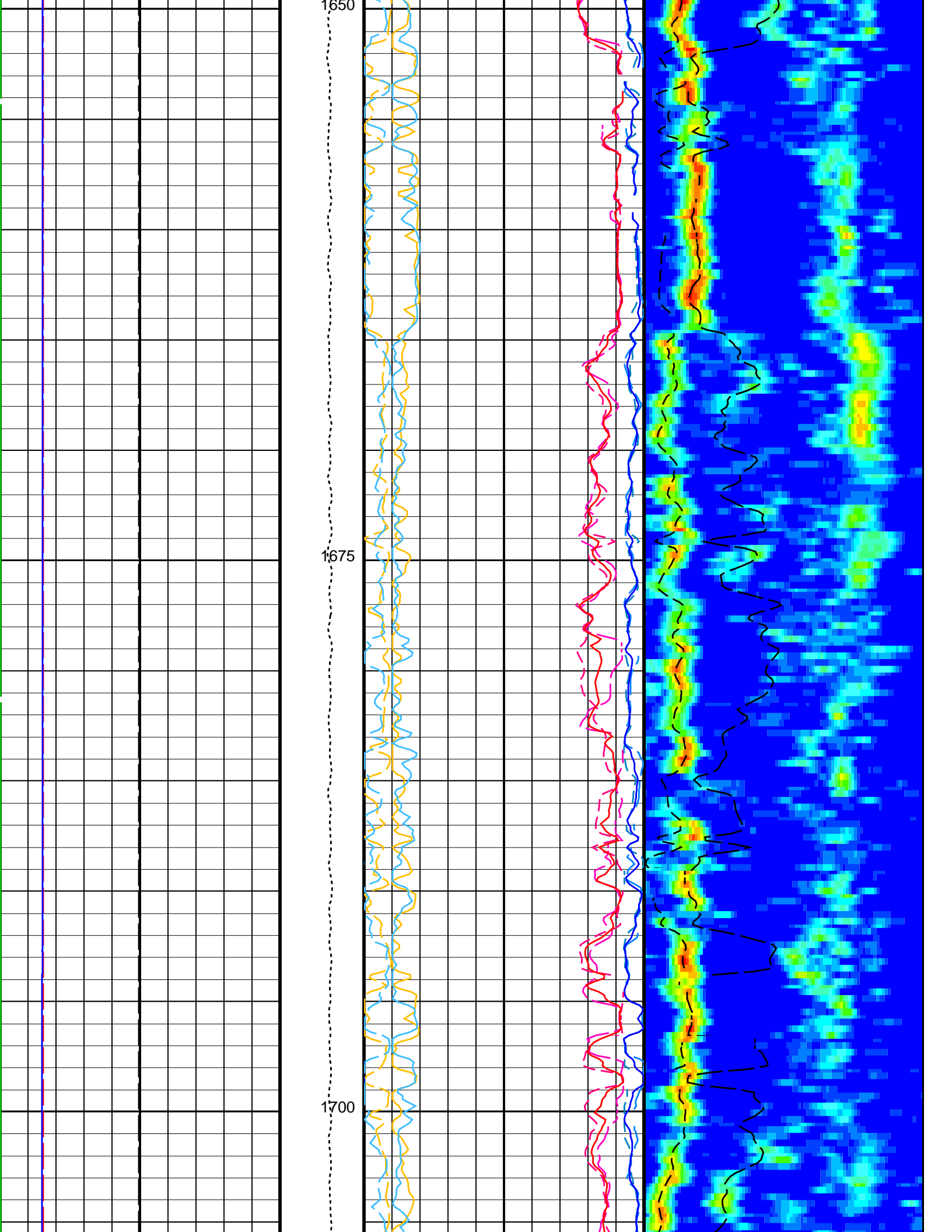


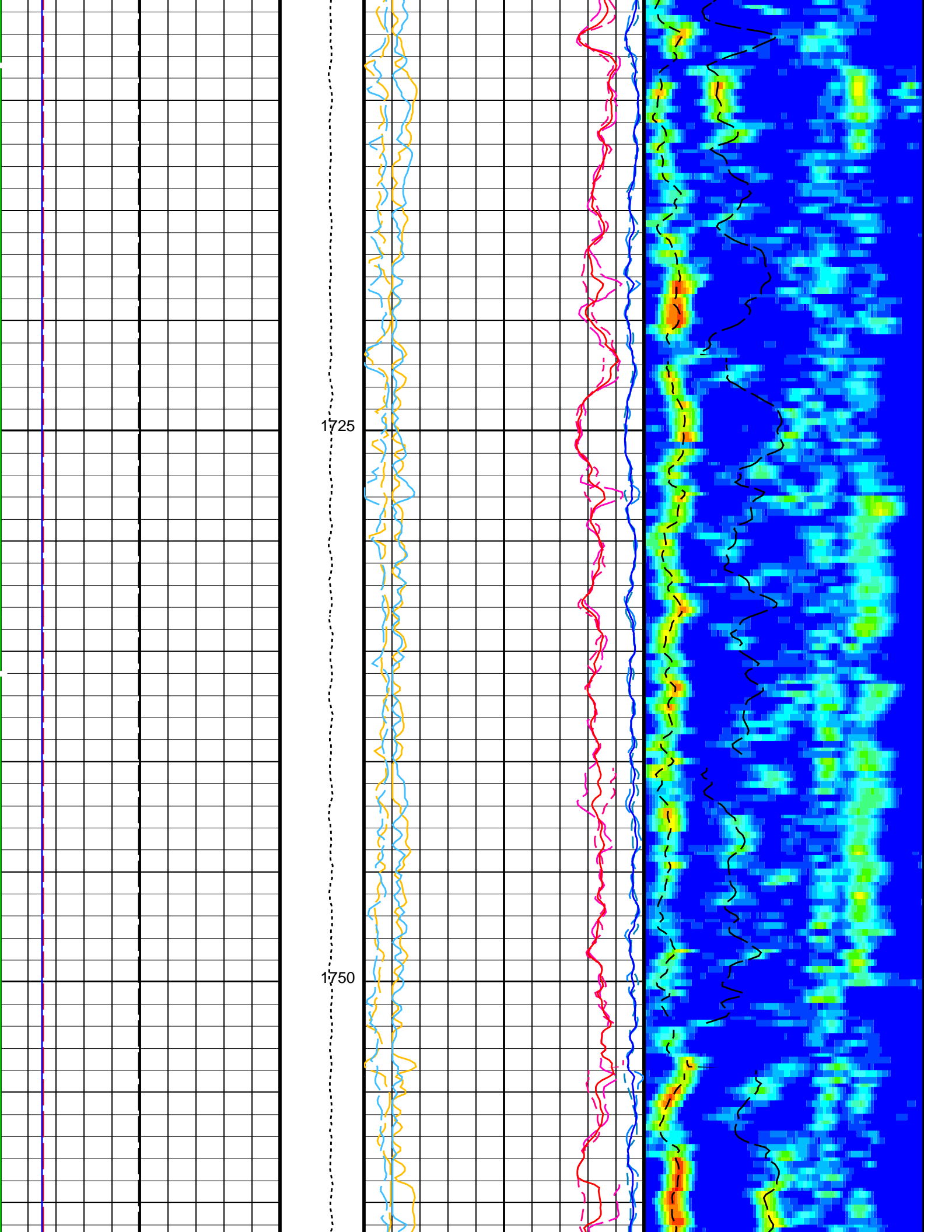


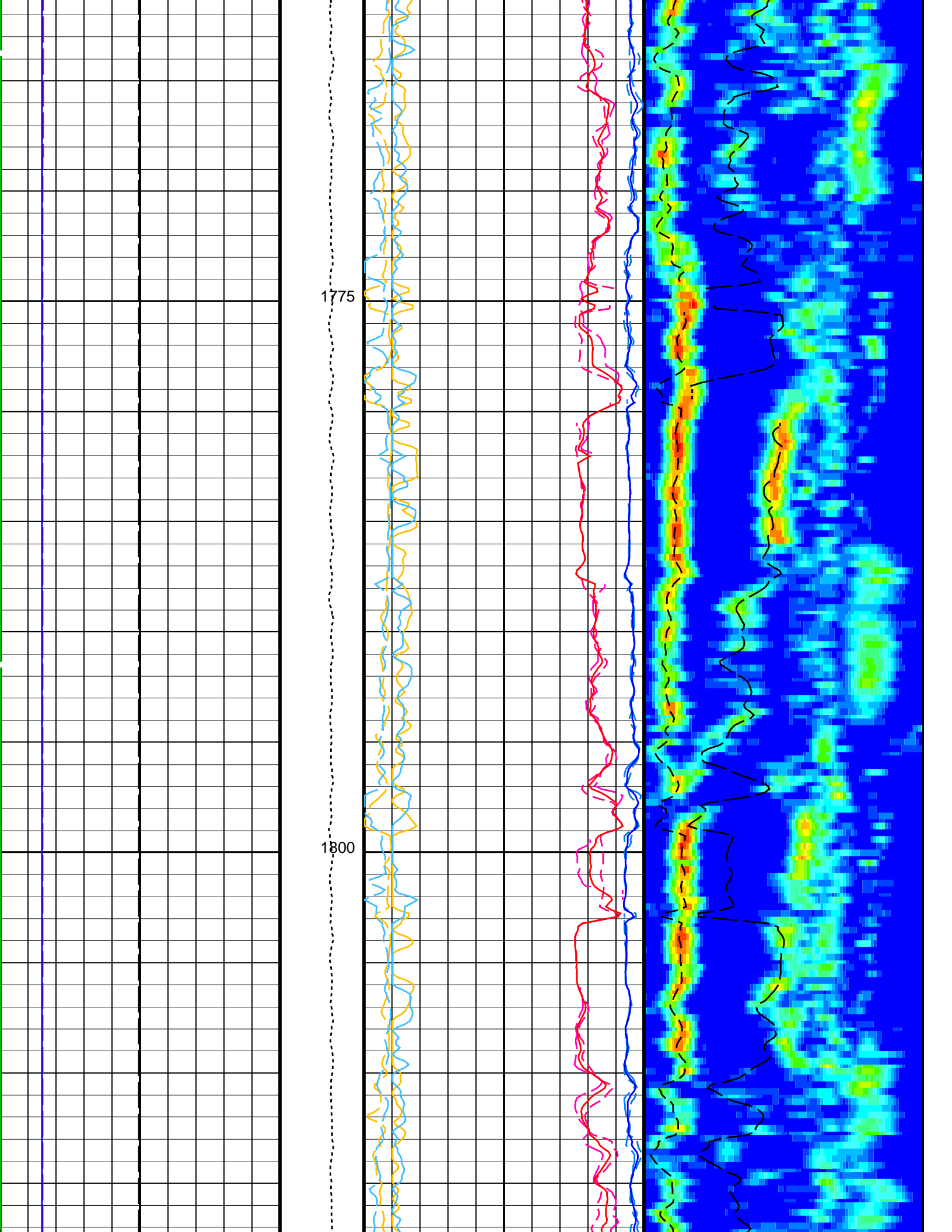


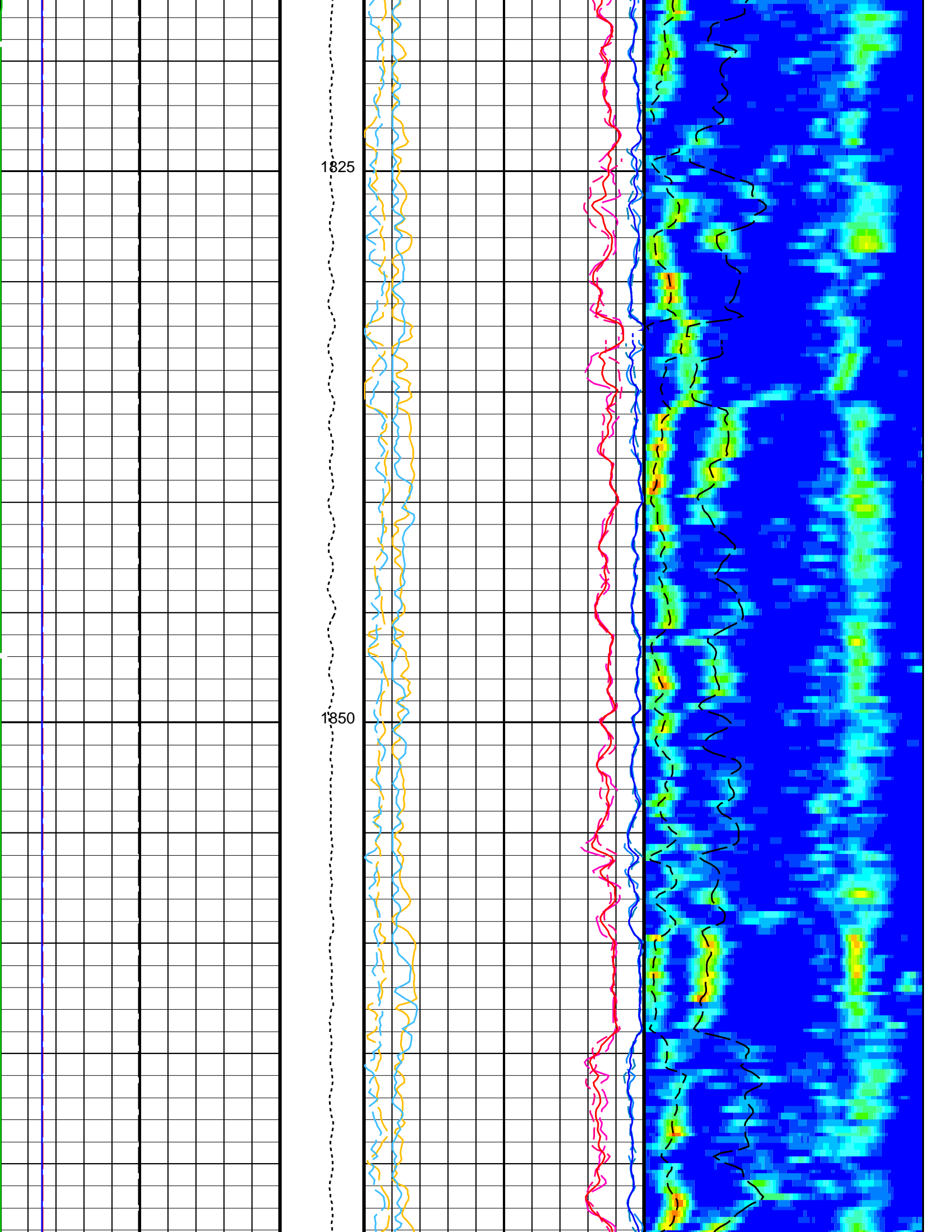


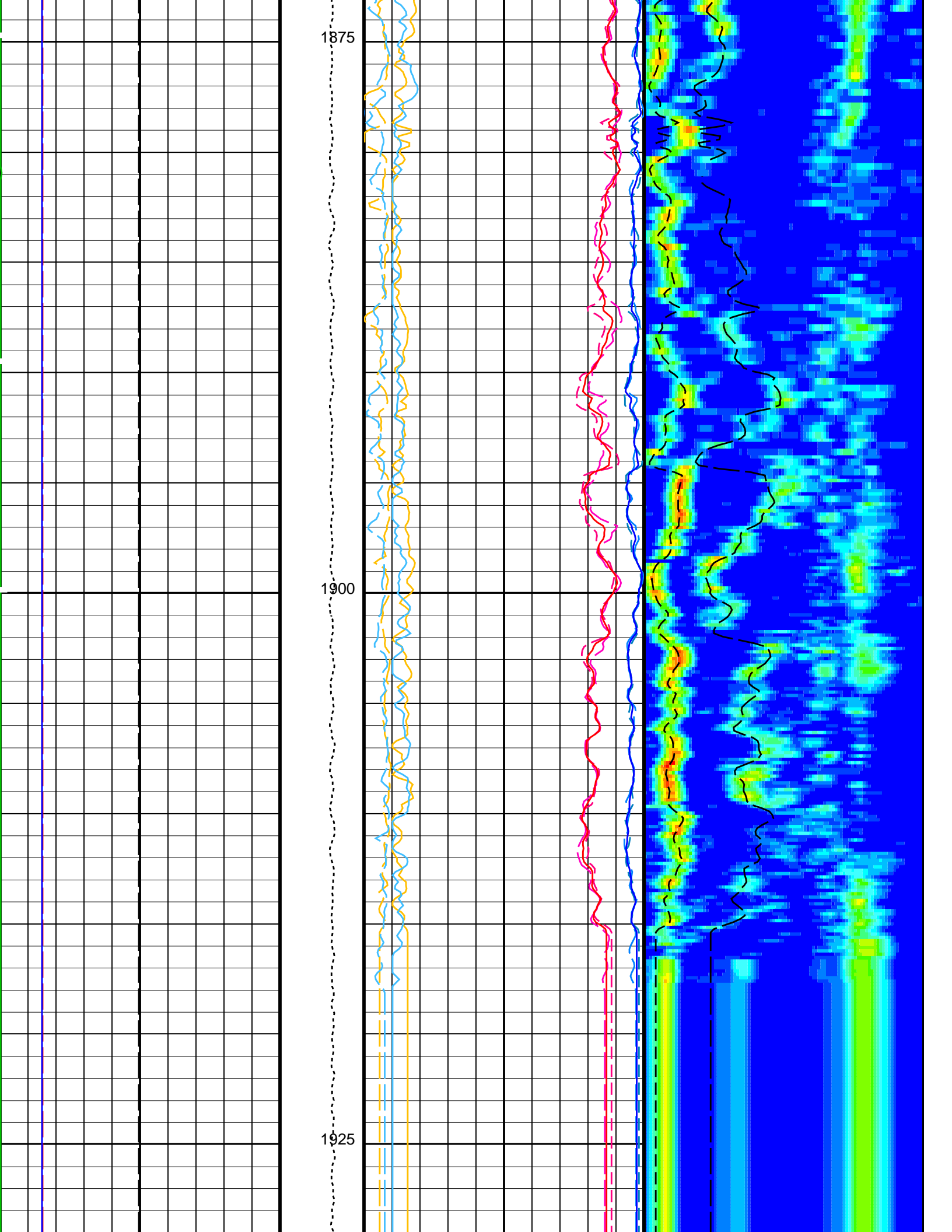


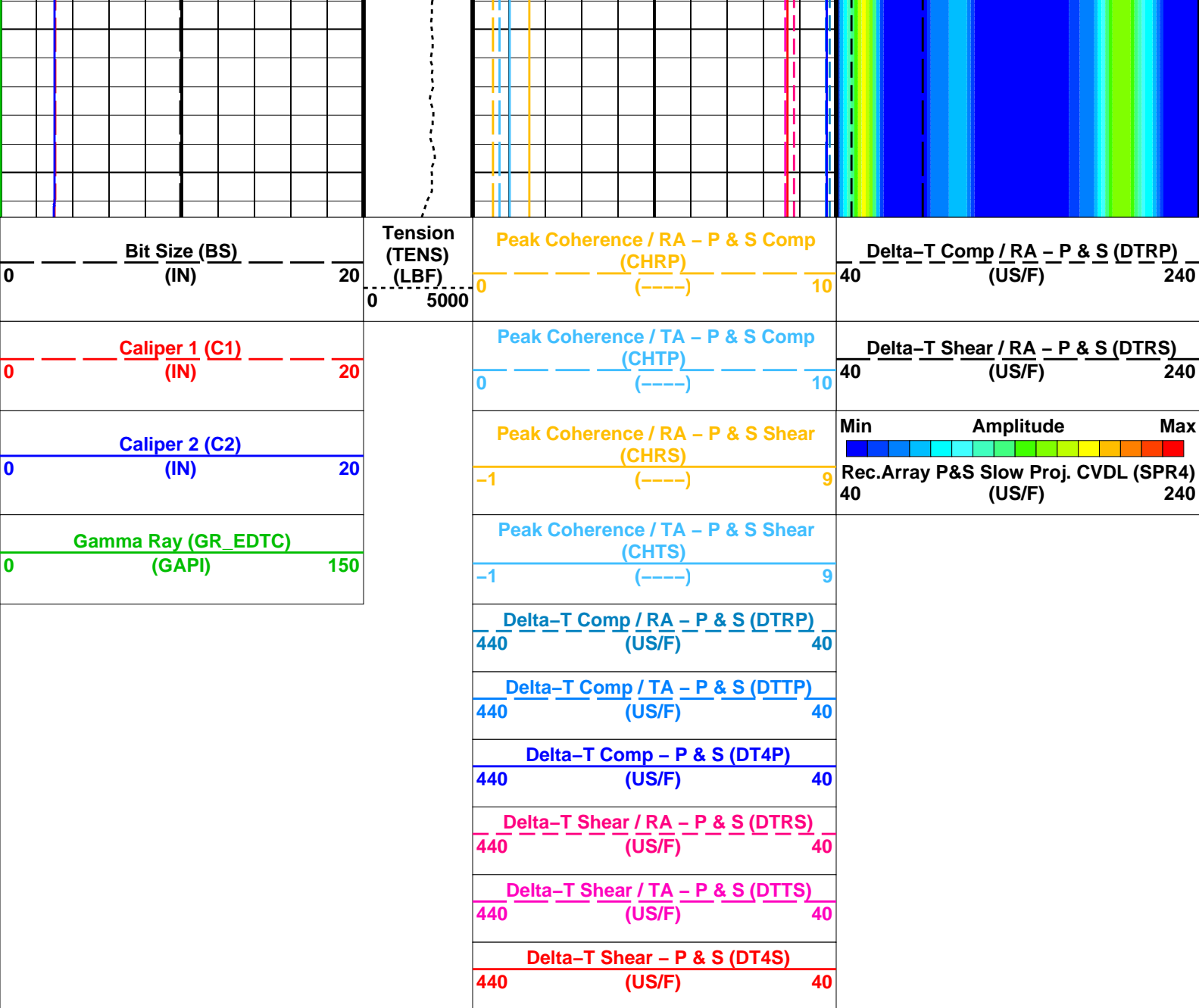












#### PIP SUMMARY

Time Mark Every 60 S

### Parameters

DLIS Name	Description	Value
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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	90 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
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	286 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	ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO4	STC Search Band Offset – 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	130	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	240	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	
BHS	HNGS–BA: Hostile Natural Gamma Ray Sonde Borehole Status	OPEN	
BHS	EDTC–B: Enhanced DTS Cartridge Borehole Status	OPEN	
BS	System and Miscellaneous Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST\_P\_S\_VDL\_COLOR    Vertical Scale: 1:200    Graphics File Created: 30–May–2023 16:39

## 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_116LUP	PRODUCER	30–May–2023 16:35	1936.5 M	820.7 M
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### Output DLIS Files

DEFAULT	FMS_DSI_NGS_117PUP	FN:111	PRODUCER	30–May–2023 16:39
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### Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_116LUP	PRODUCER	30–May–2023 16:35	1936.5 M	820.7 M
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### Output DLIS Files

DEFAULT	FMS_DSI_NGS_117PUP	FN:111	PRODUCER	30–May–2023 16:39	1936.5 M	820.7 M
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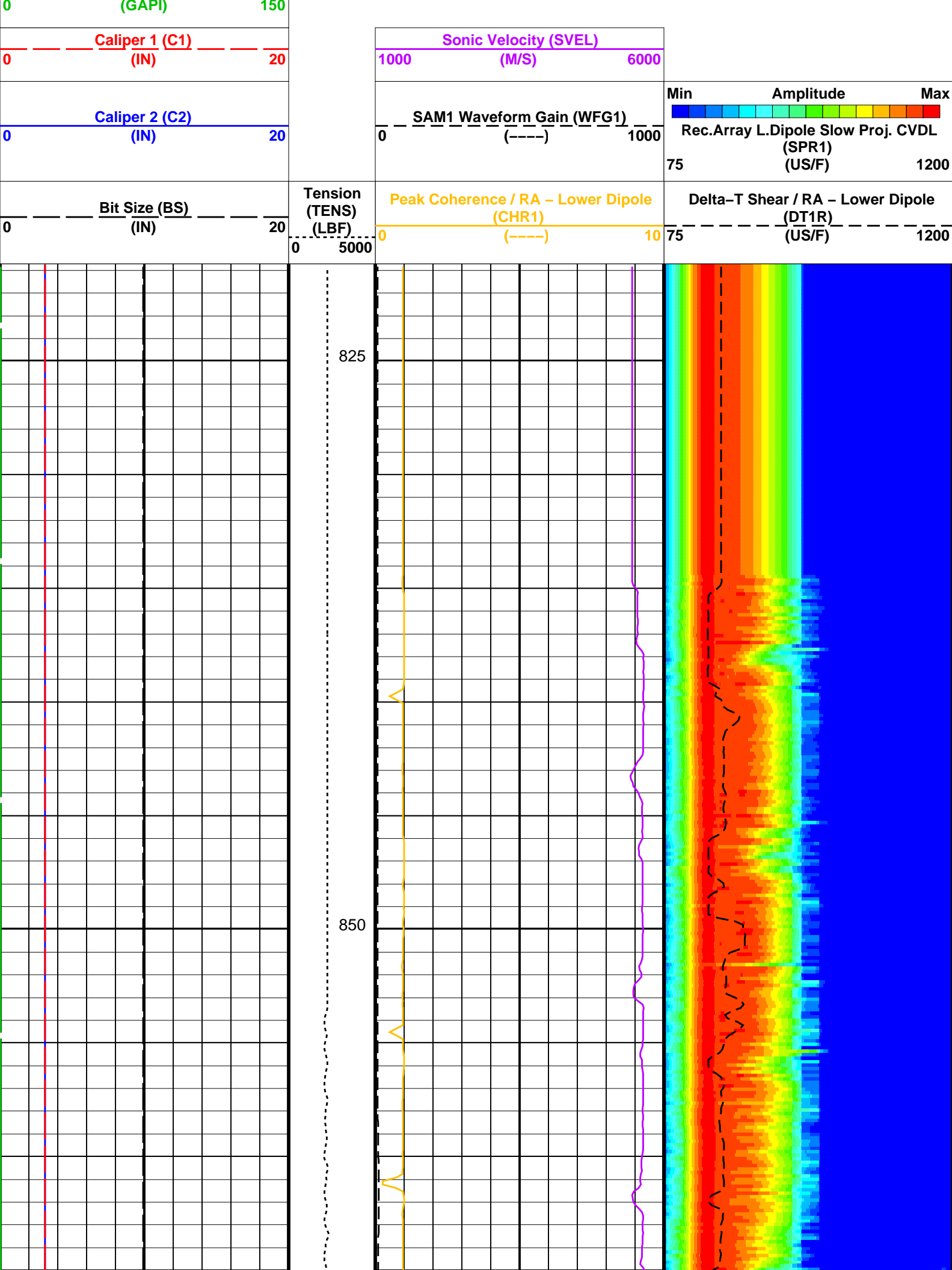
## OP System Version: 19C0–187

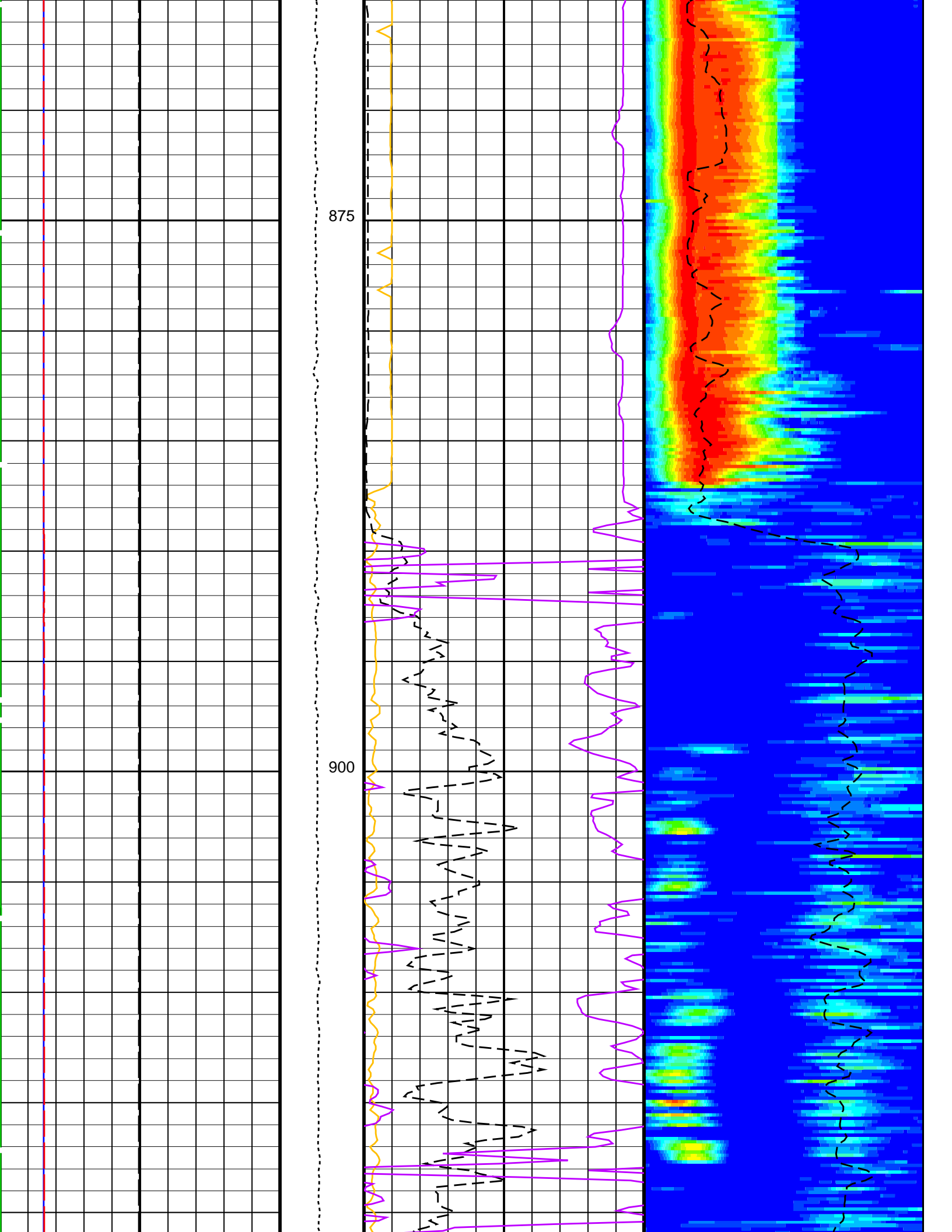
MEST–B	19C0–187	DTA–A	19C0–187
DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

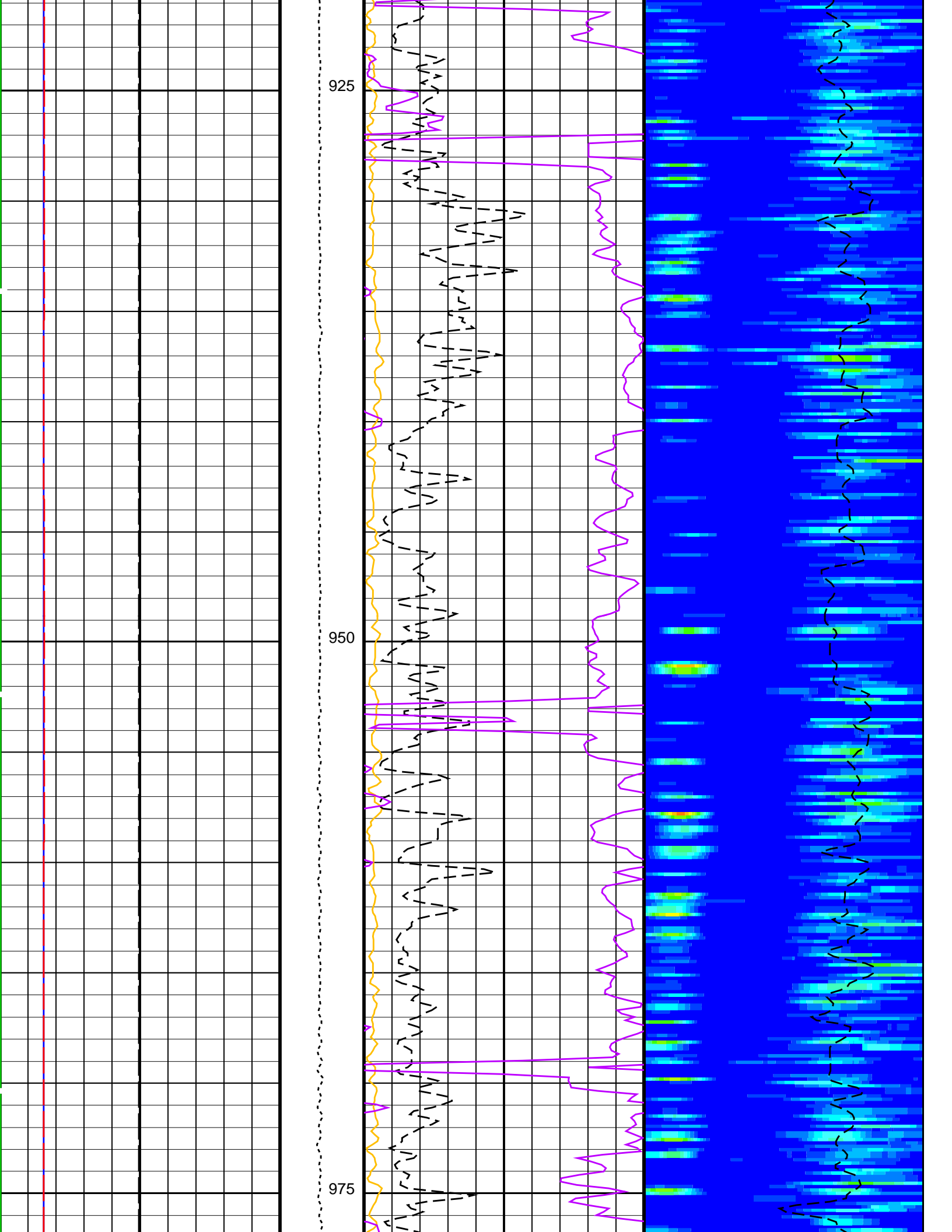
### PIP SUMMARY

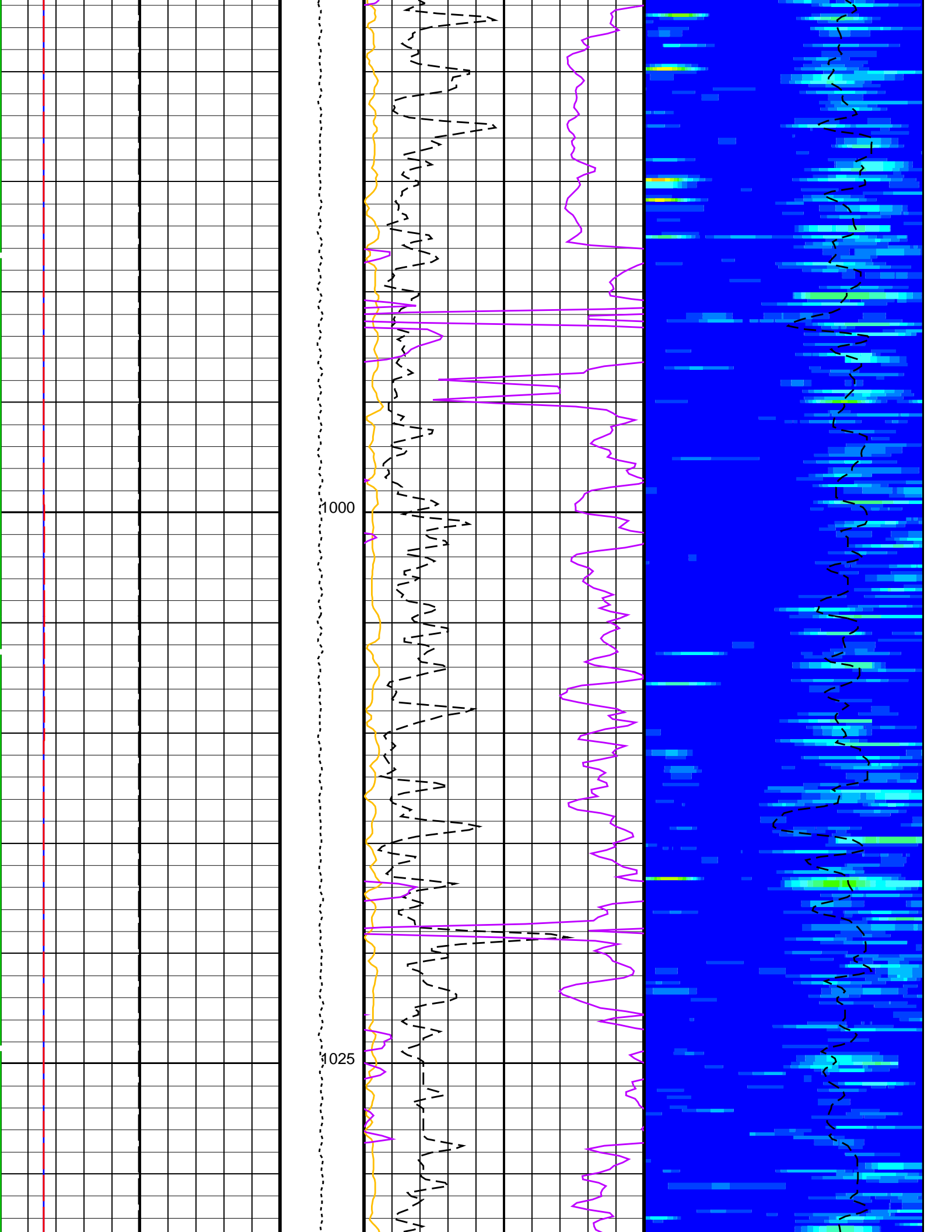
 Time Mark Every 60 S

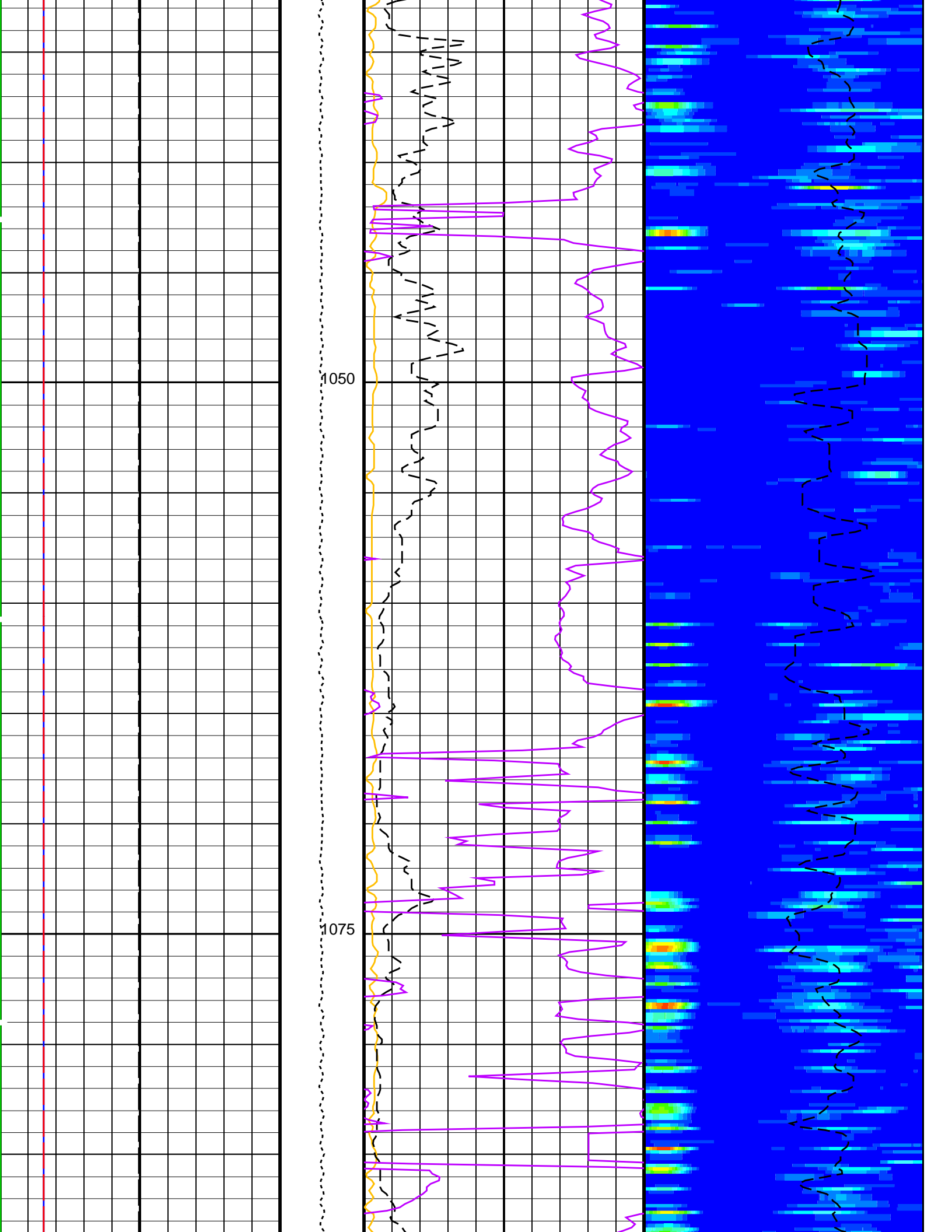
Gamma Ray (GR\_EDTC)

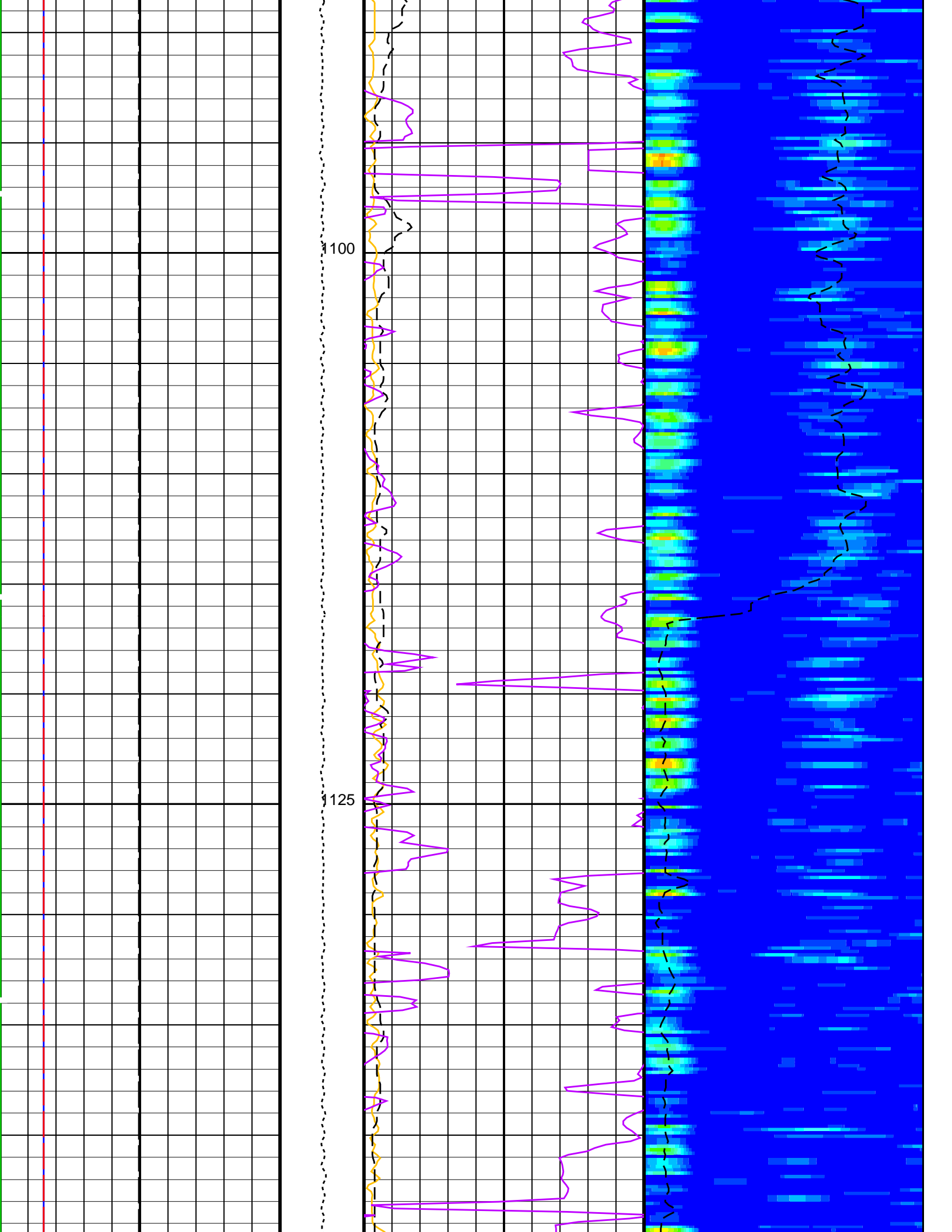


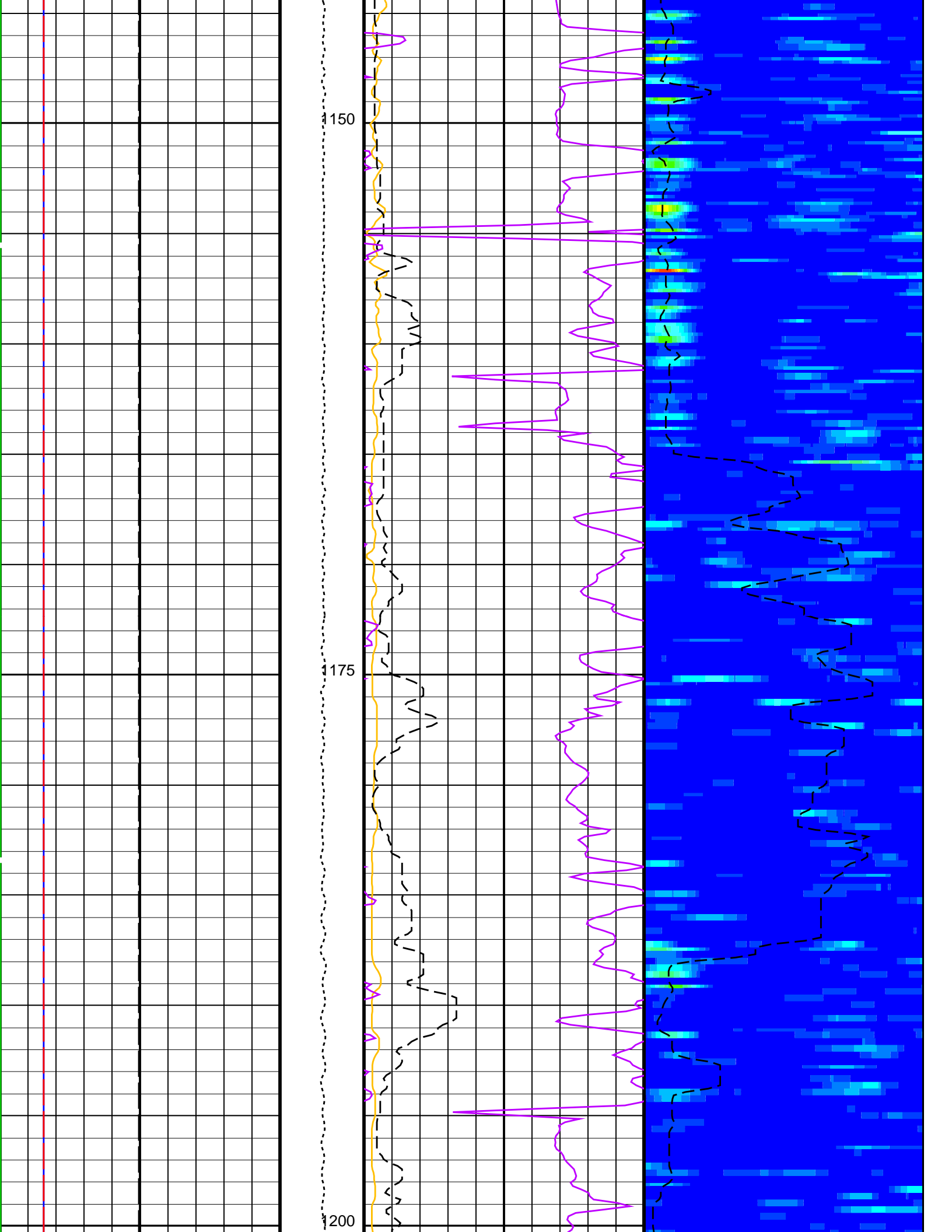




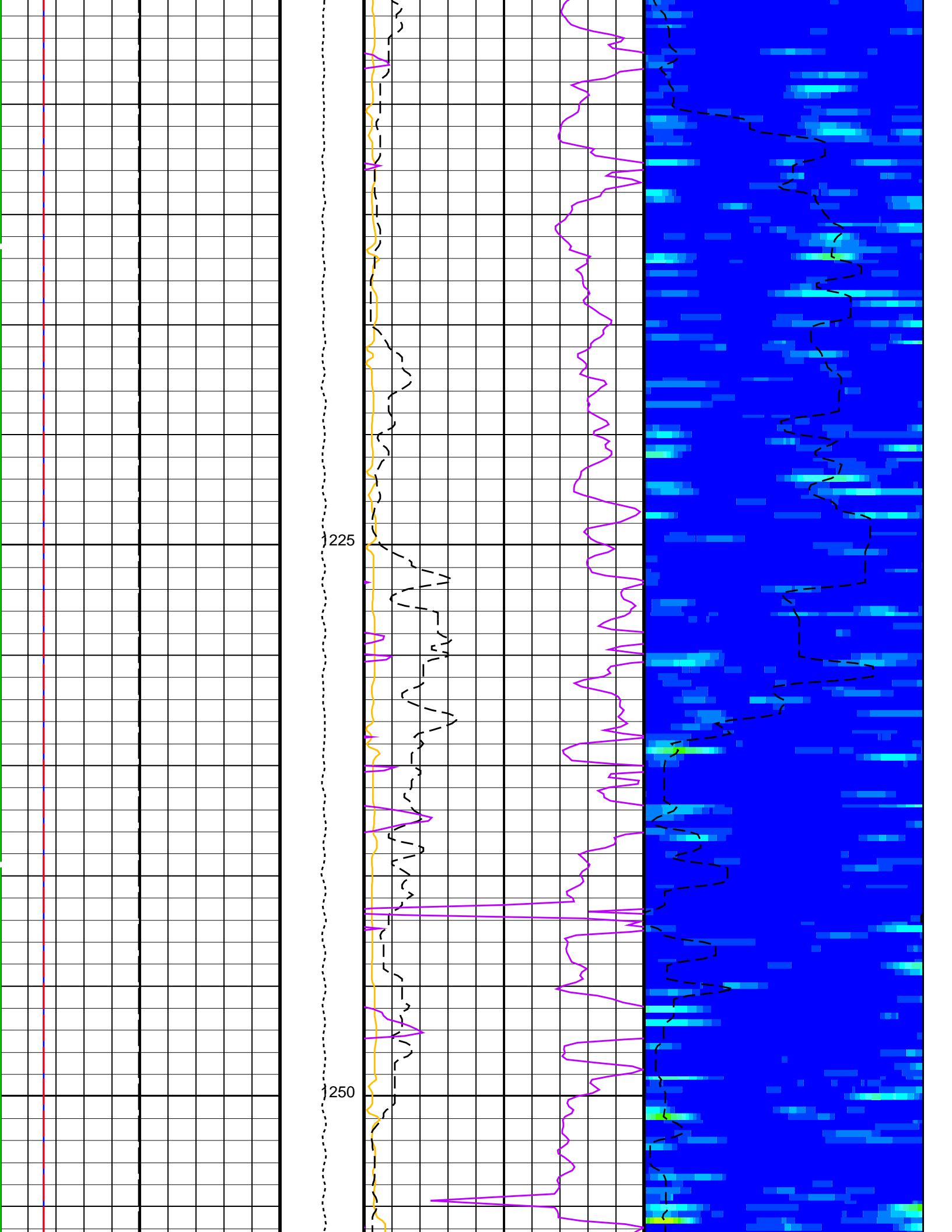


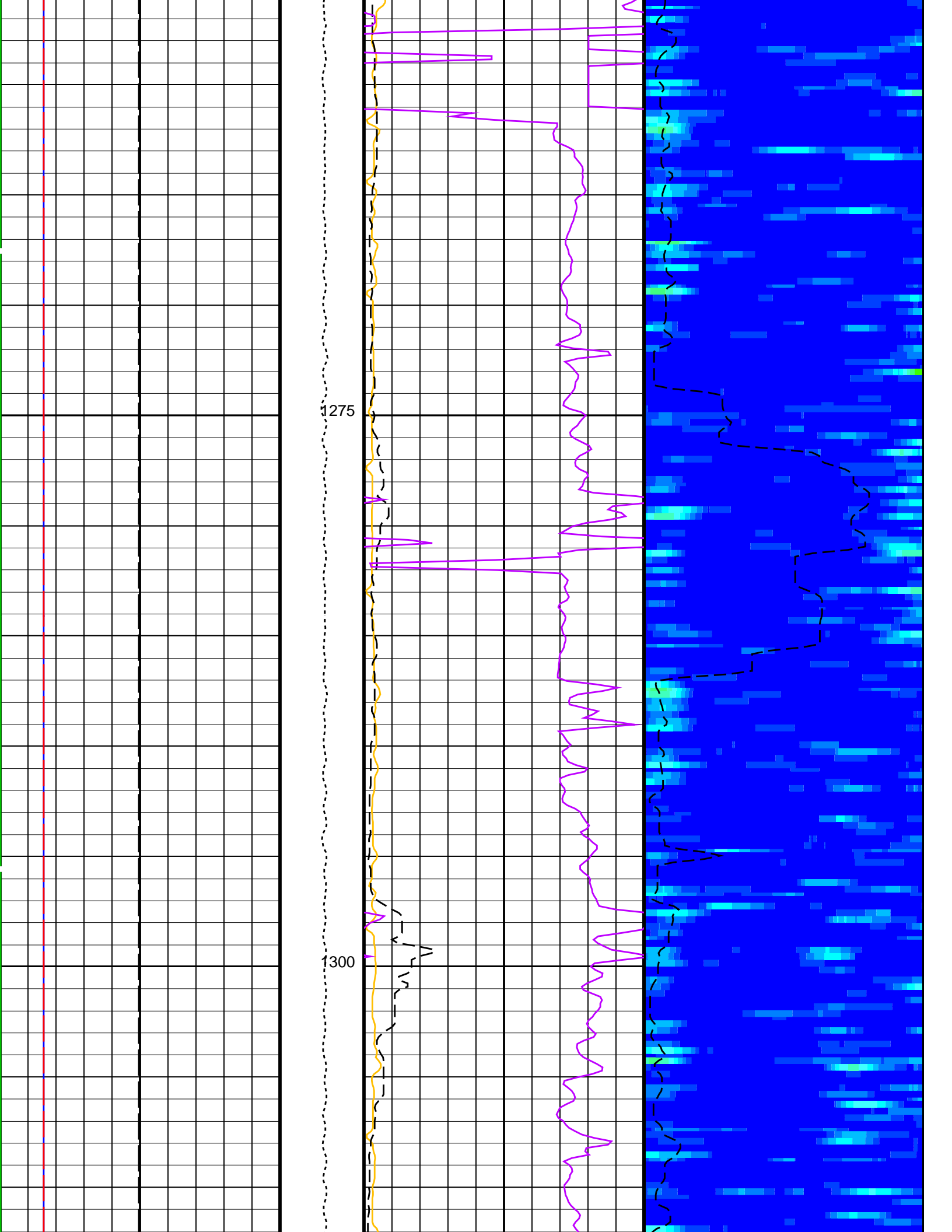


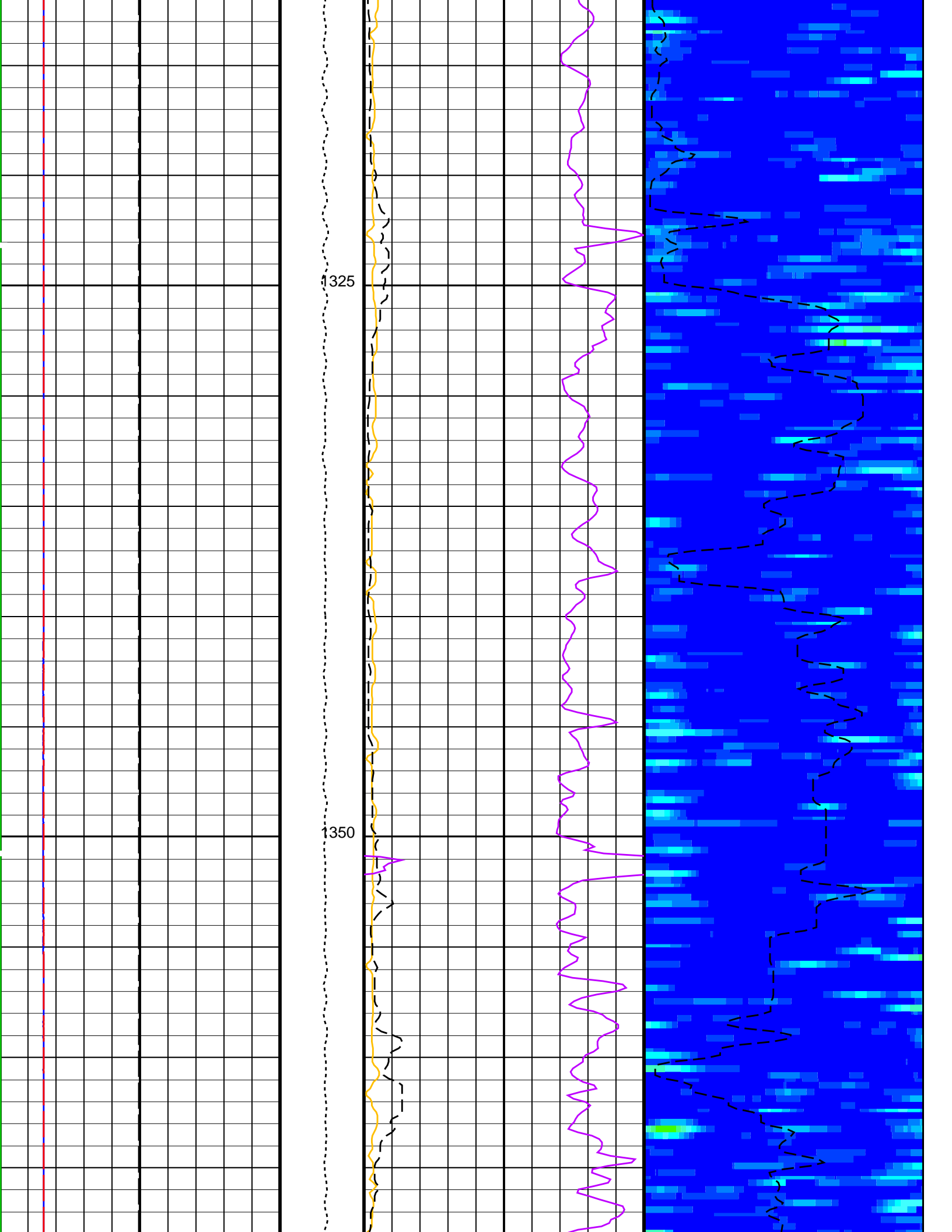


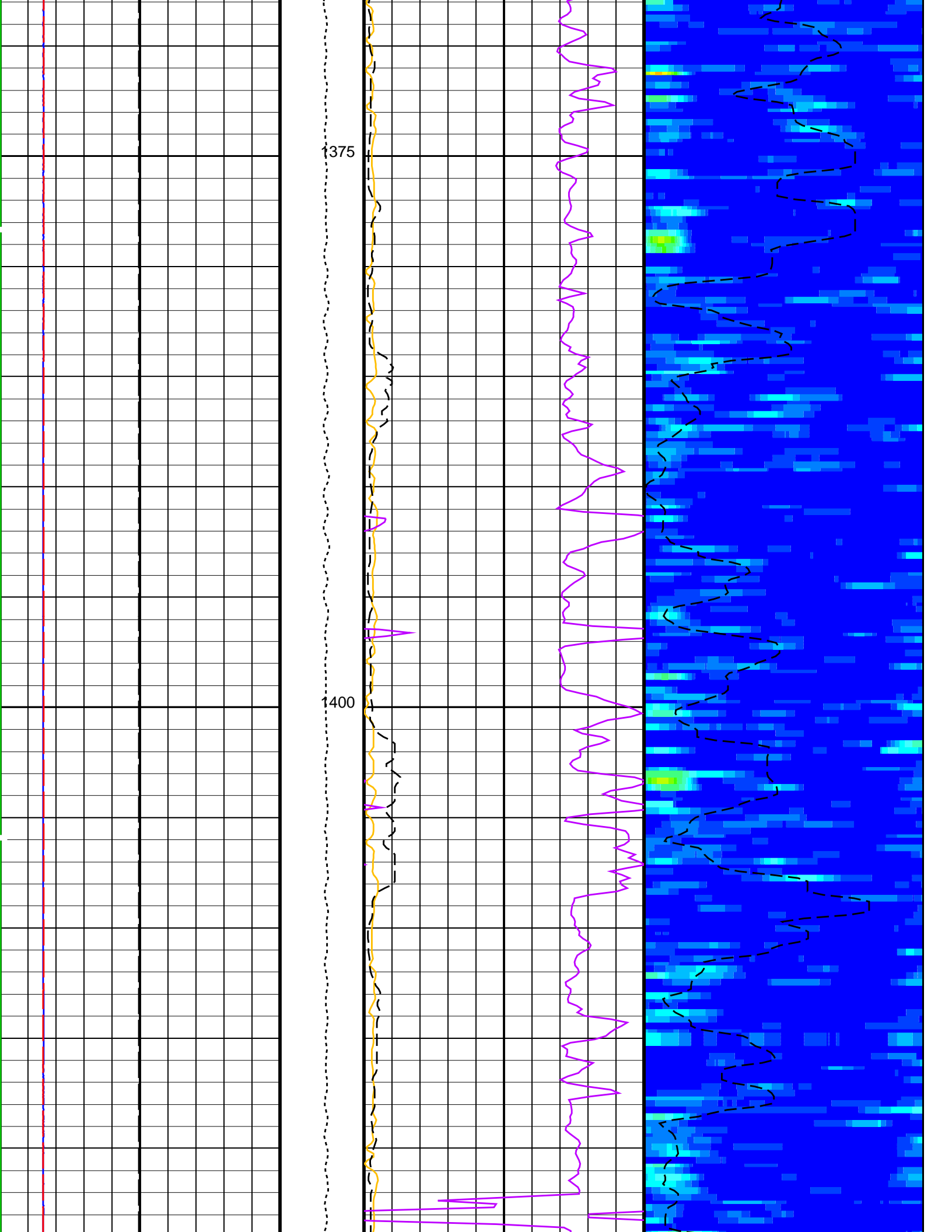


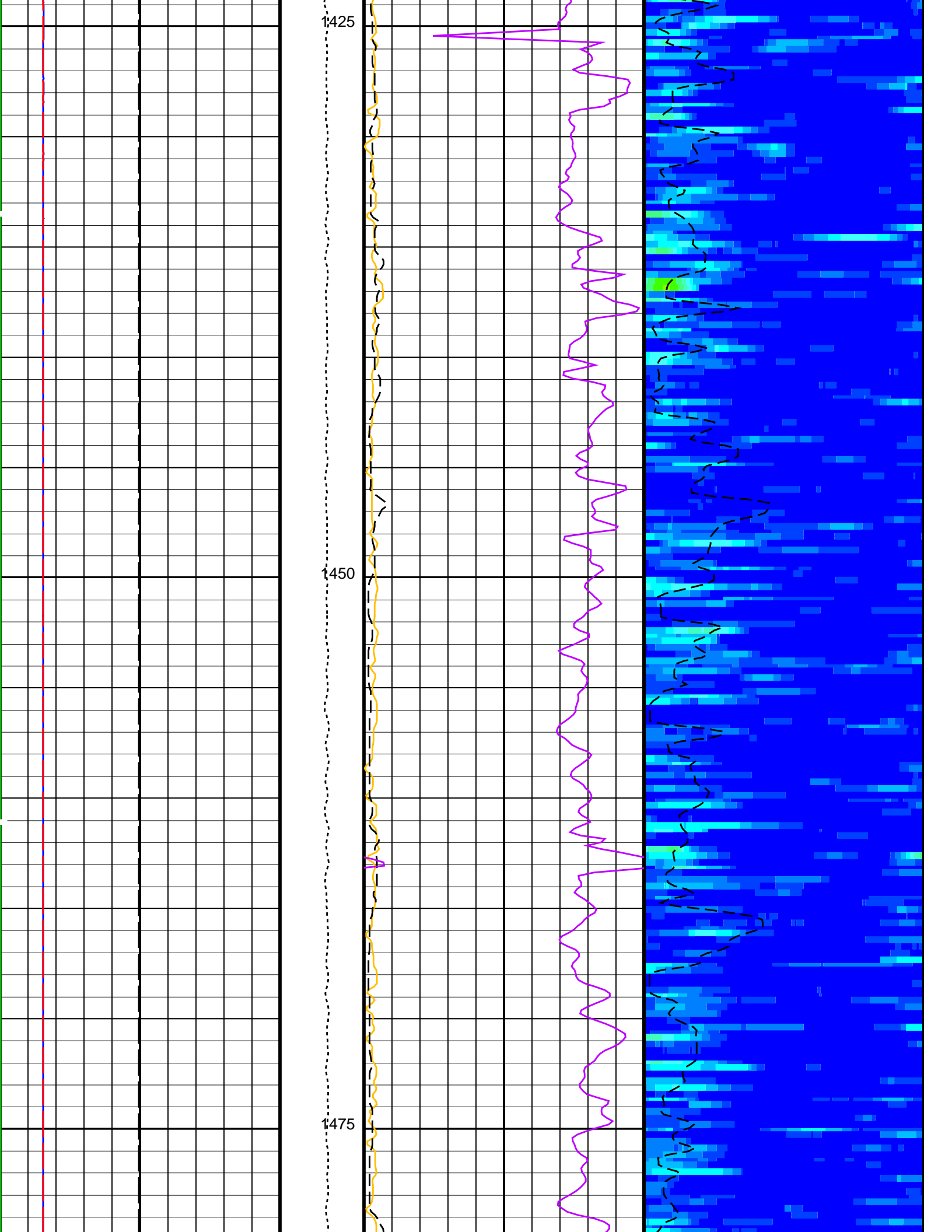


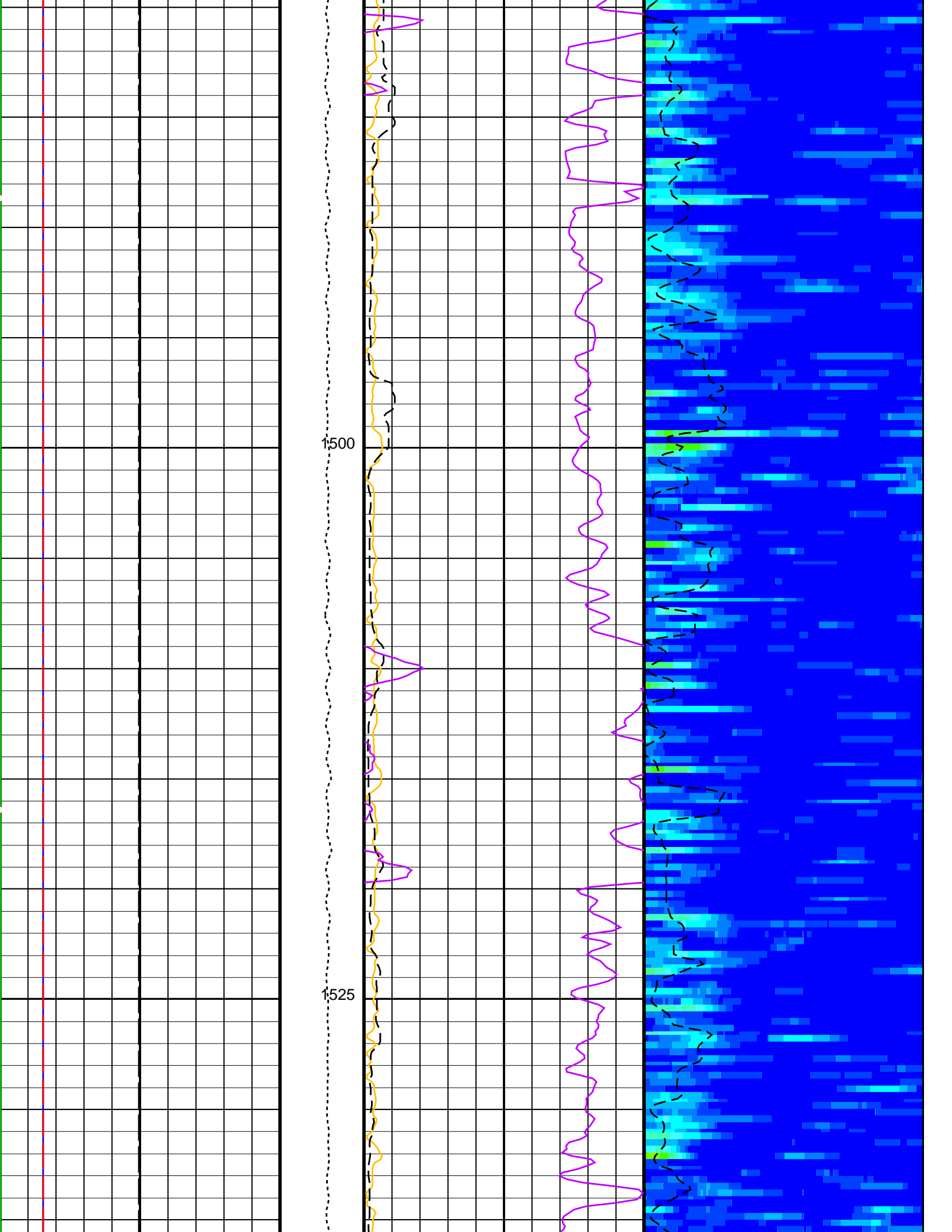


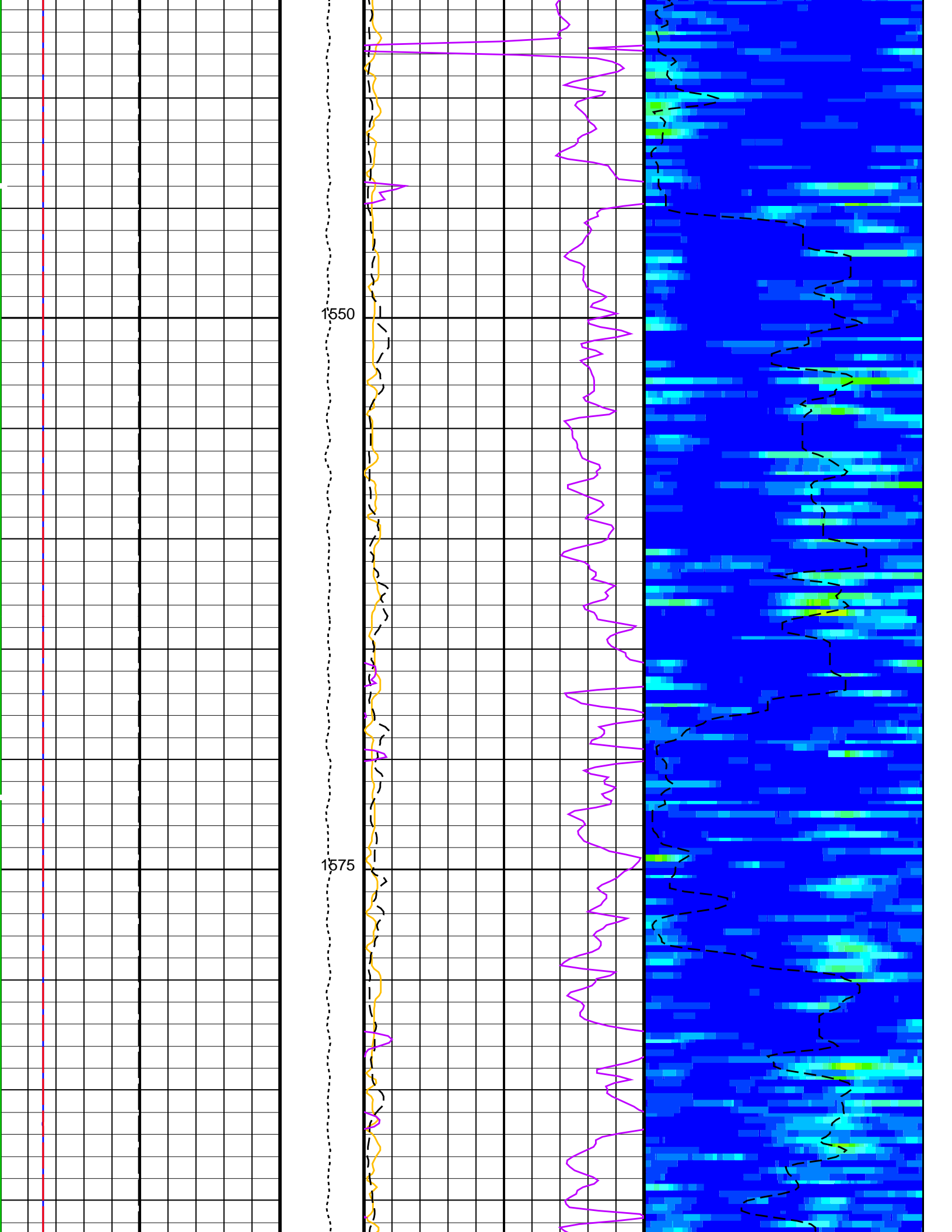


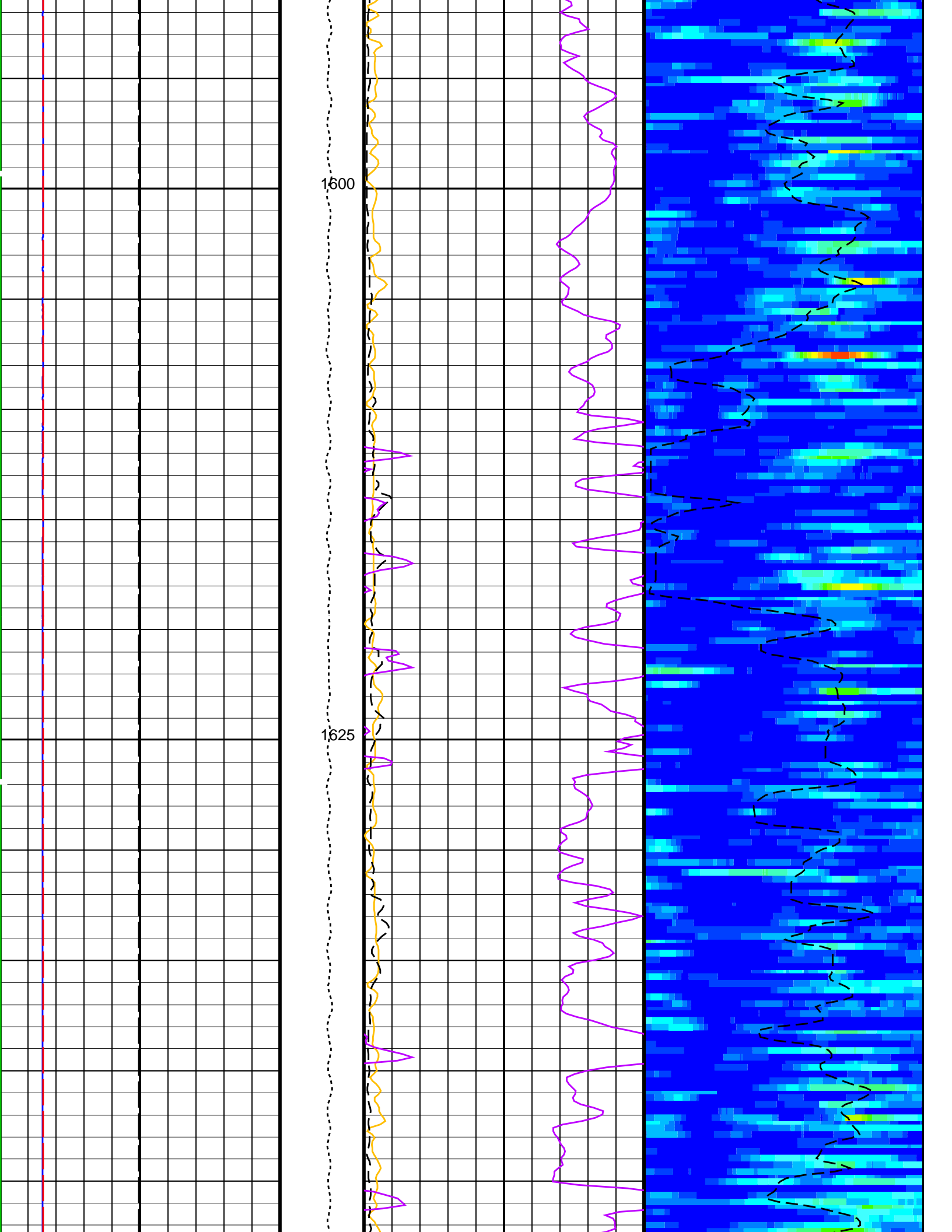




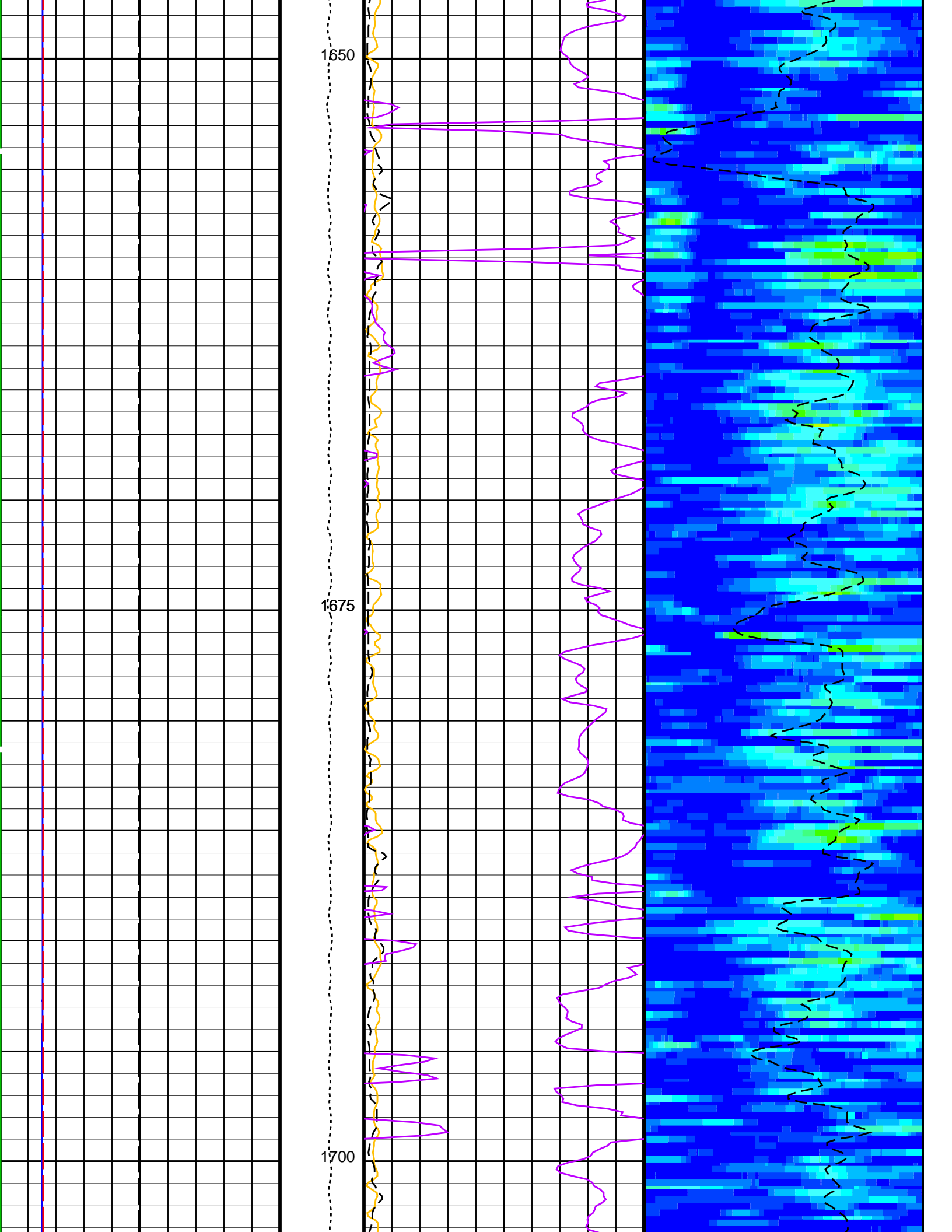


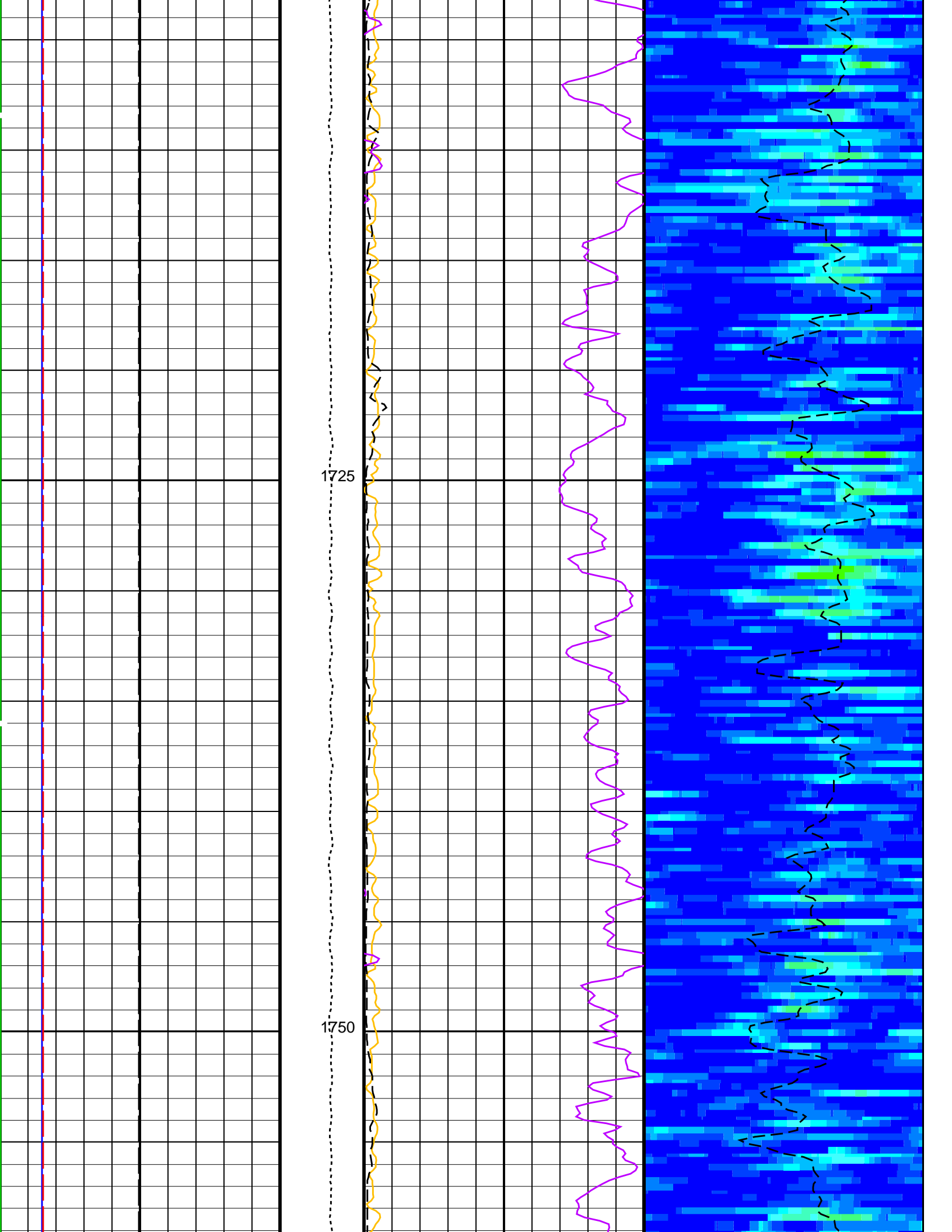


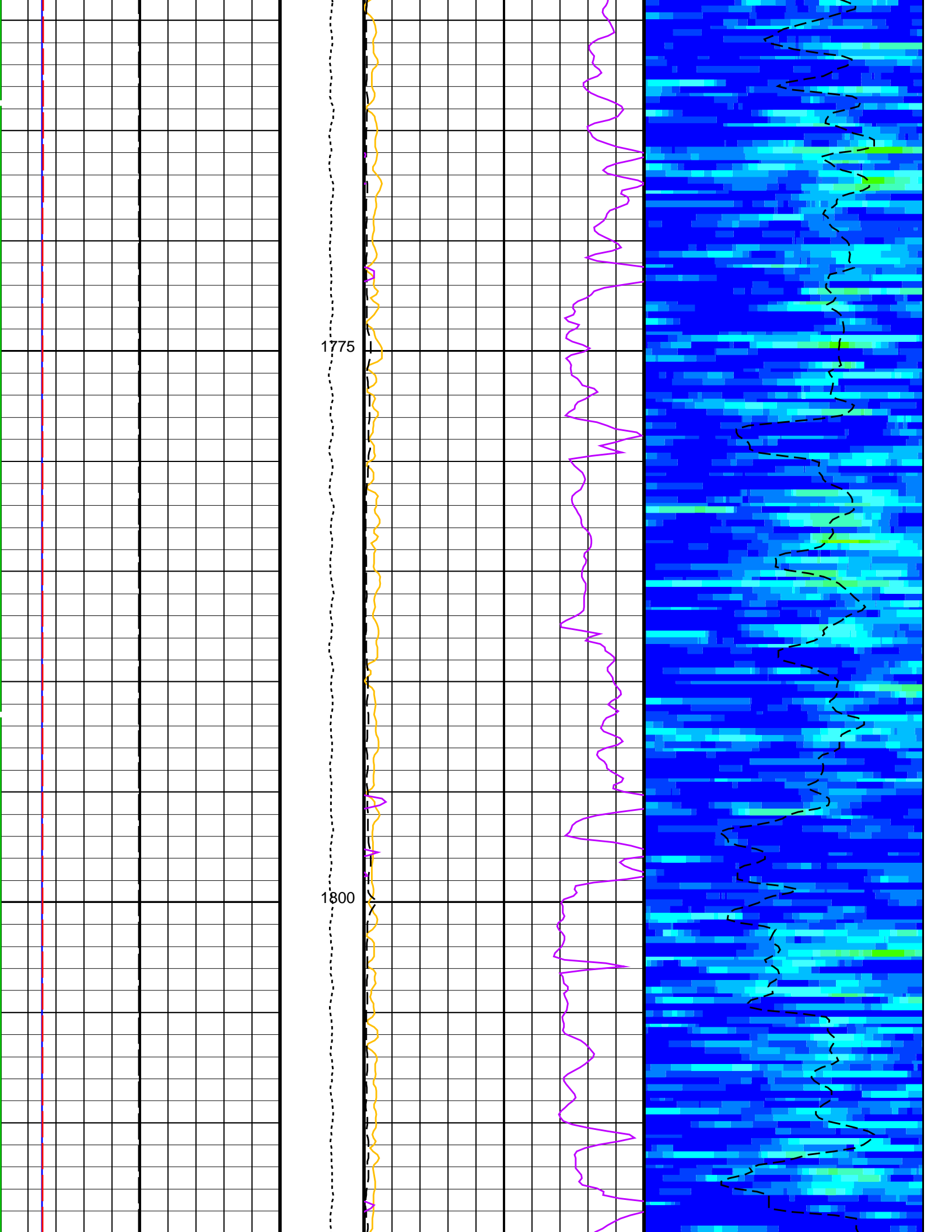


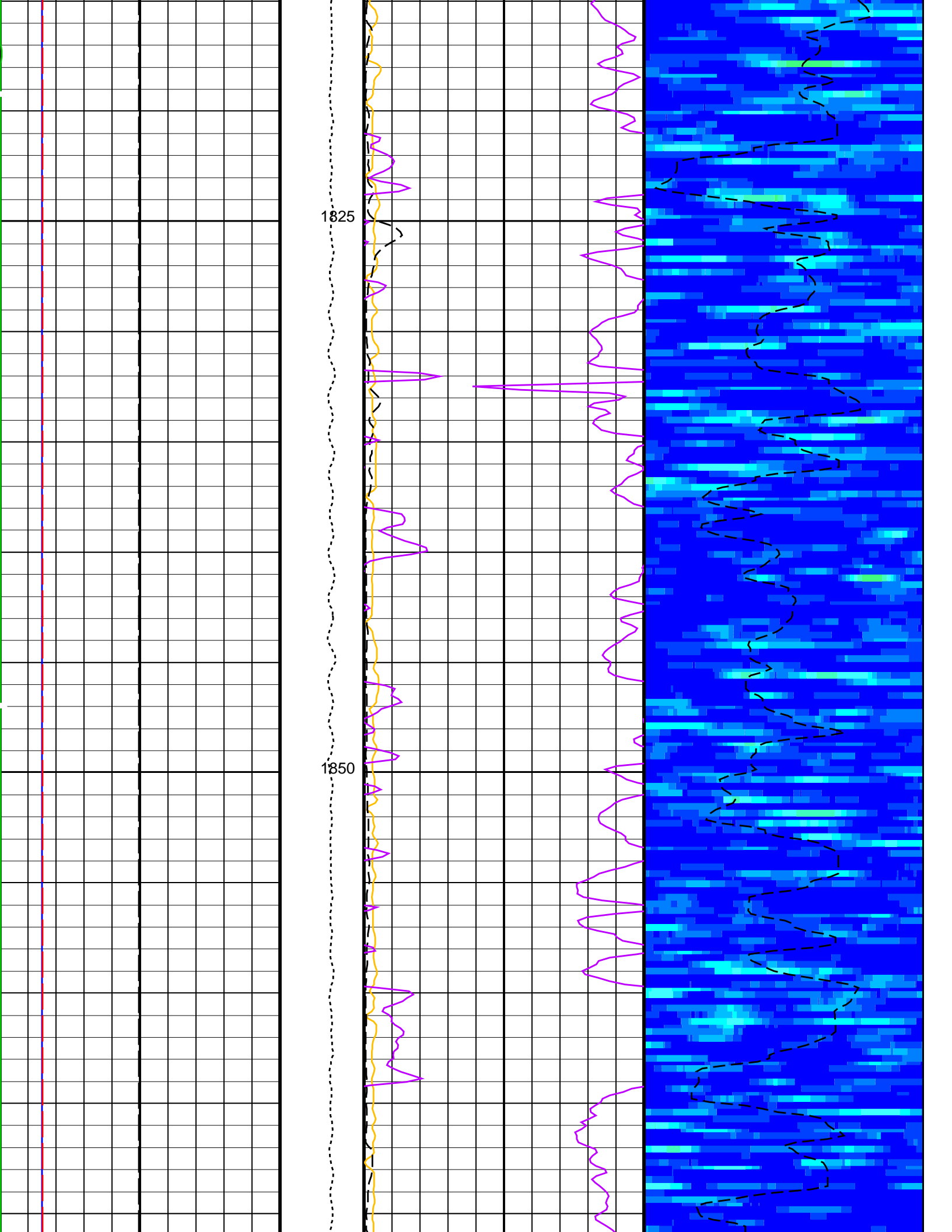


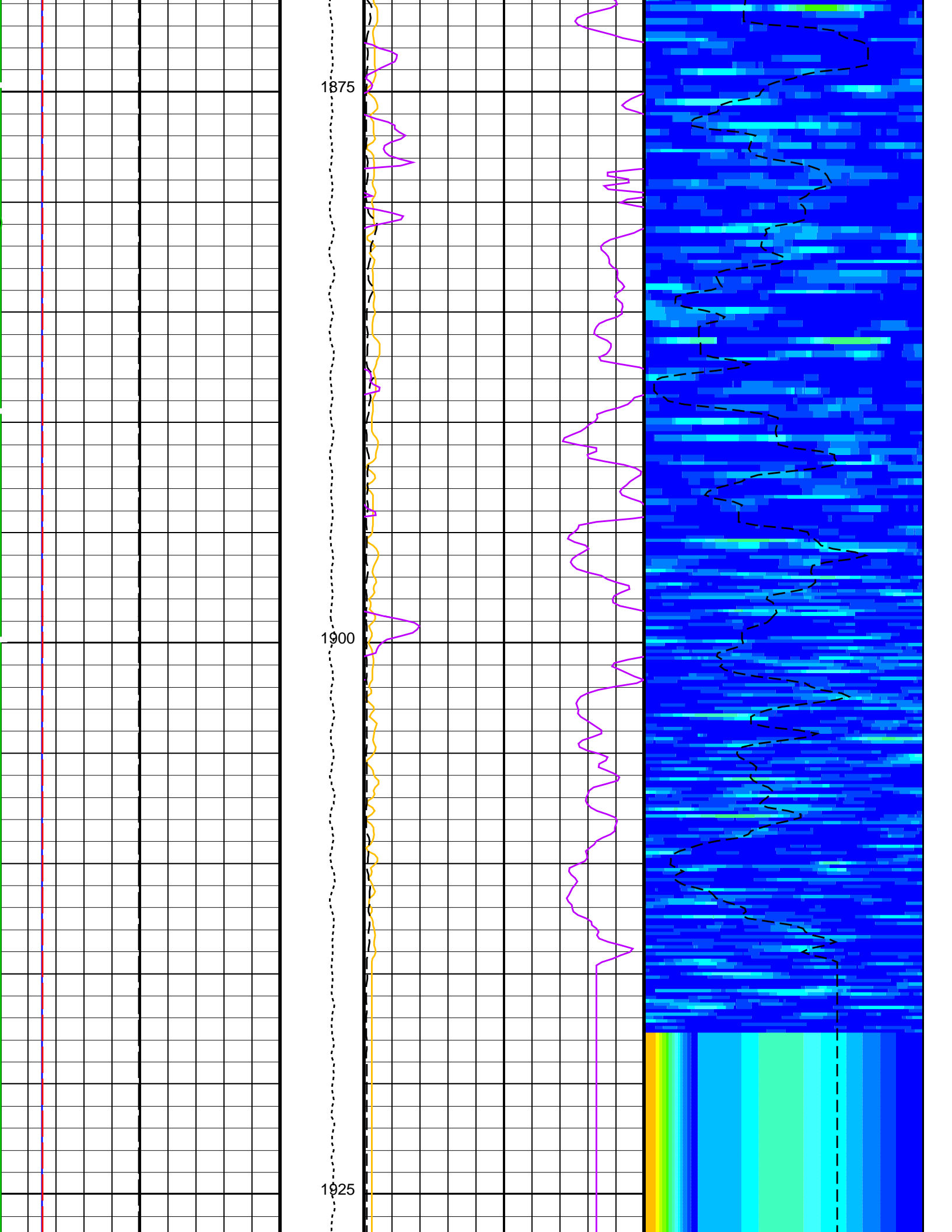


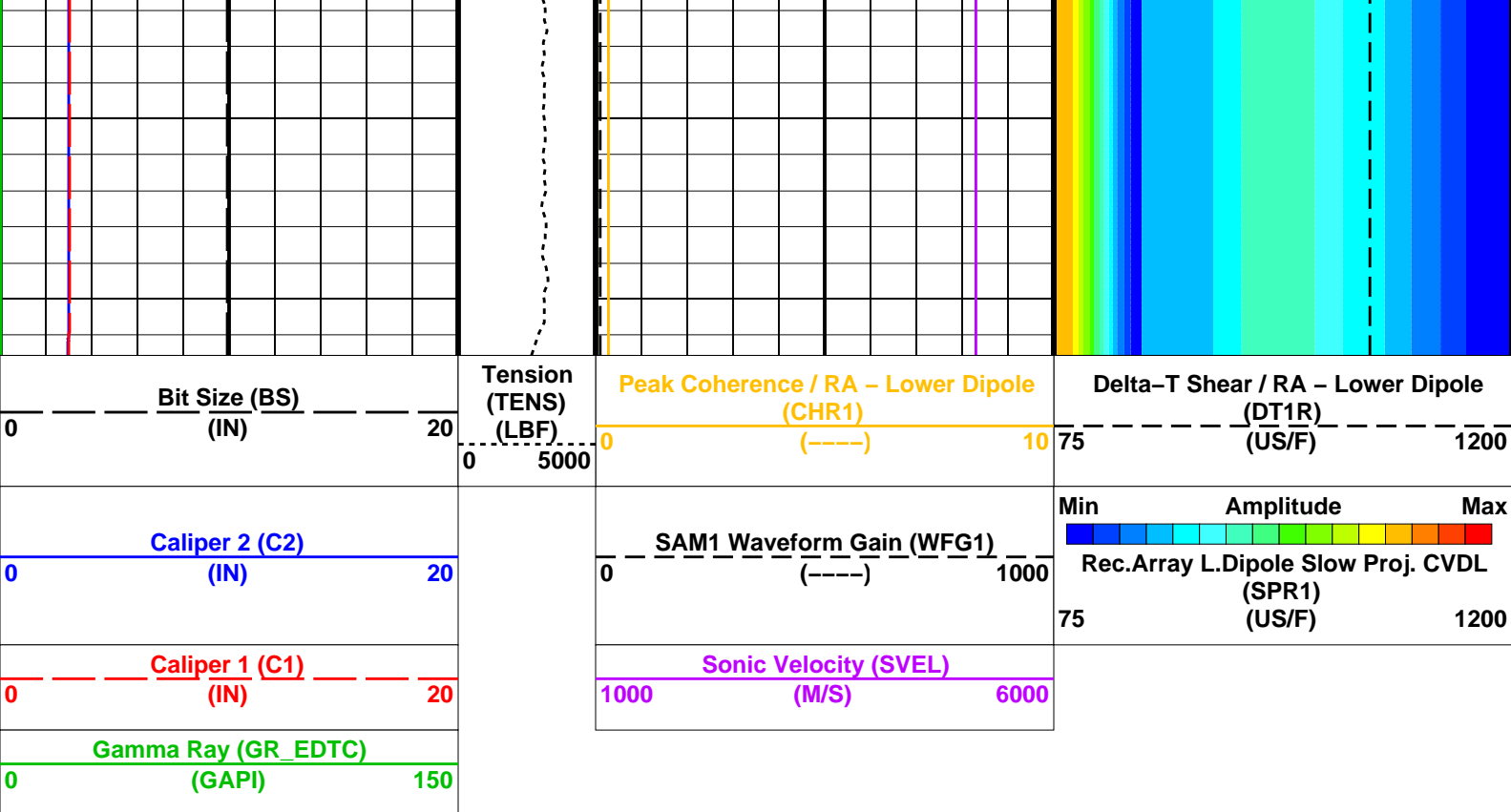












#### PIP SUMMARY

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	40 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	200 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	System and Miscellaneous	Waveform Mode 1	W1
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST\_LOWER\_DIPOLE\_VDL\_COLOR      Vertical Scale: 1:200      Graphics File Created: 30-May-2023 16:39

## 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_116LUP	PRODUCER	30-May-2023 16:35	1936.5 M	820.7 M
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## Output DLIS Files

DEFAULT	FMS_DSI_NGS_117PUP	FN:111	PRODUCER	30-May-2023 16:39
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Company: International Ocean Discovery Program      Well: Expedition 399, Site U1601C

## Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_116LUP	PRODUCER	30-May-2023 16:35	1936.5 M	820.7 M
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## Output DLIS Files

DEFAULT	FMS_DSI_NGS_117PUP	FN:111	PRODUCER	30-May-2023 16:39	1936.5 M	820.7 M
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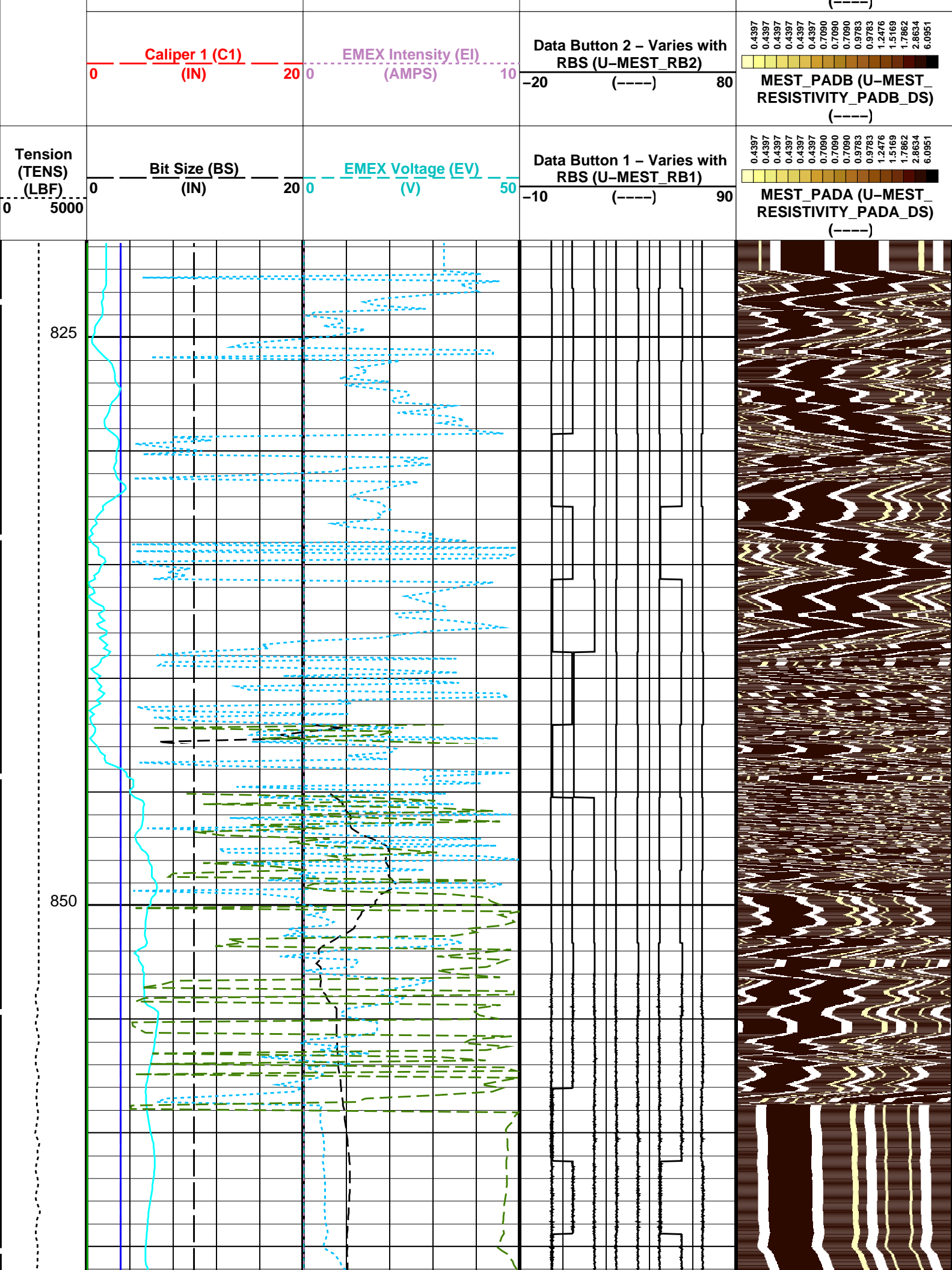
## OP System Version: 19C0-187

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

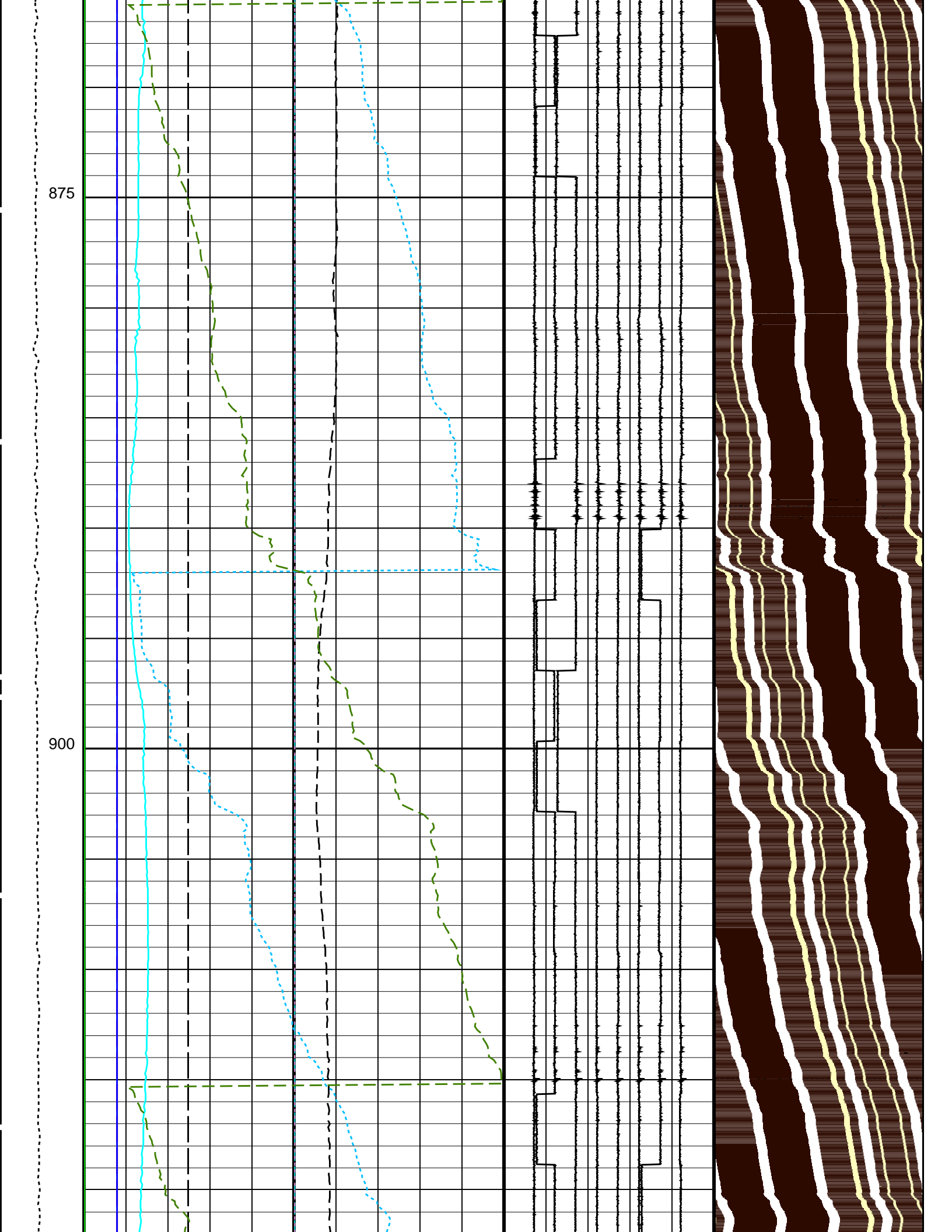
## PIP SUMMARY

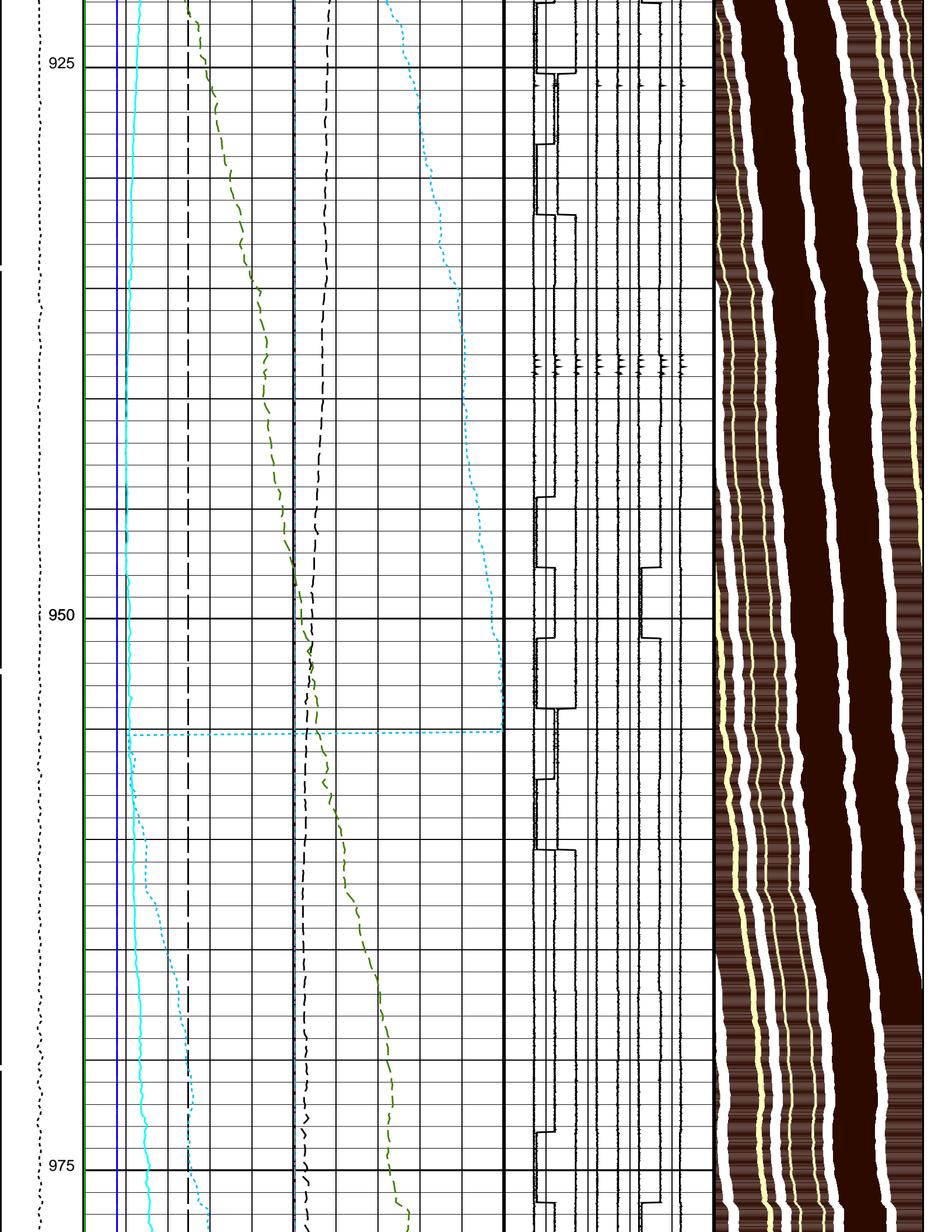
☒ Time Mark Every 60 S

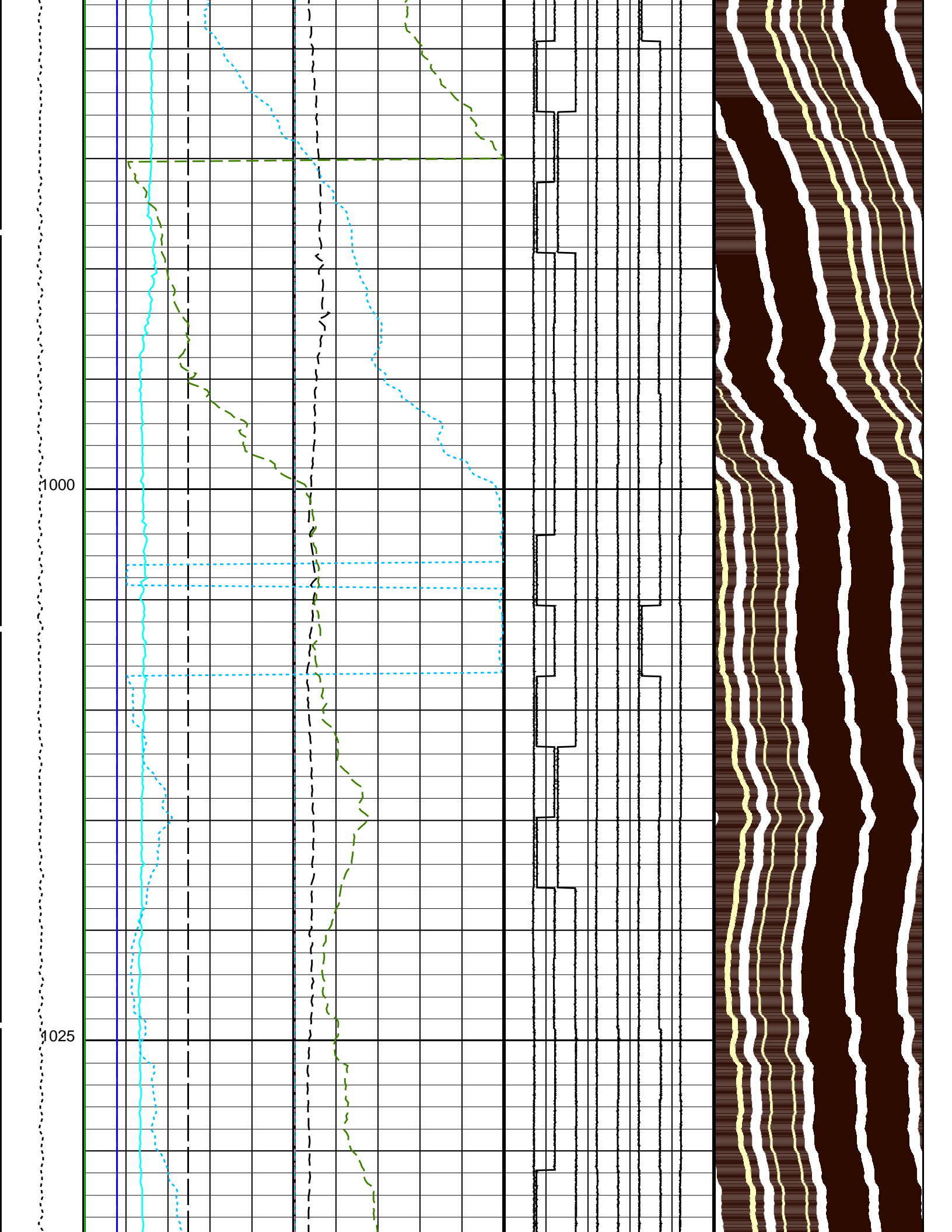
Relative Bearing (RB_MEST) (DEG)		Data Button 8 - Varies with RBS (U-MEST_RB8)	
-40	360	-80 (----) 20	
Pad One Azimuth (P1AZ_MEST) (DEG)		Data Button 7 - Varies with RBS (U-MEST_RB7)	
-40	360	-70 (----) 30	
Hole Azimuth (HAZIM) (DEG)		Data Button 6 - Varies with RBS (U-MEST_RB6)	
-40	360	-60 (----) 40	
Gamma Ray (GR_EDTC) (GAPI)	0 150	Data Button 5 - Varies with RBS (U-MEST_RB5)	
		-50 (----) 50	
Deviation (DEVIM) (DEG)		Data Button 4 - Varies with RBS (U-MEST_RB4)	
0	10	-40 (----) 60	0.4397 0.4397 0.4397 0.4397 0.4397 0.7090 0.7090 0.9783 0.9783 1.2476 1.5169 1.7862 2.8634 6.0951 MEST_PADD (U-MEST_RESISTIVITY_PADD_DS) (----)
Caliper 2 (C2) (IN)		Data Button 3 - Varies with RBS (U-MEST_RB3)	
0	20	-30 (----) 70	0.4397 0.4397 0.4397 0.4397 0.4397 0.7090 0.7090 0.9783 0.9783 1.2476 1.5169 1.7862 2.8634 6.0951 MEST_PADC (U-MEST_RESISTIVITY_PADC_DS) (----)

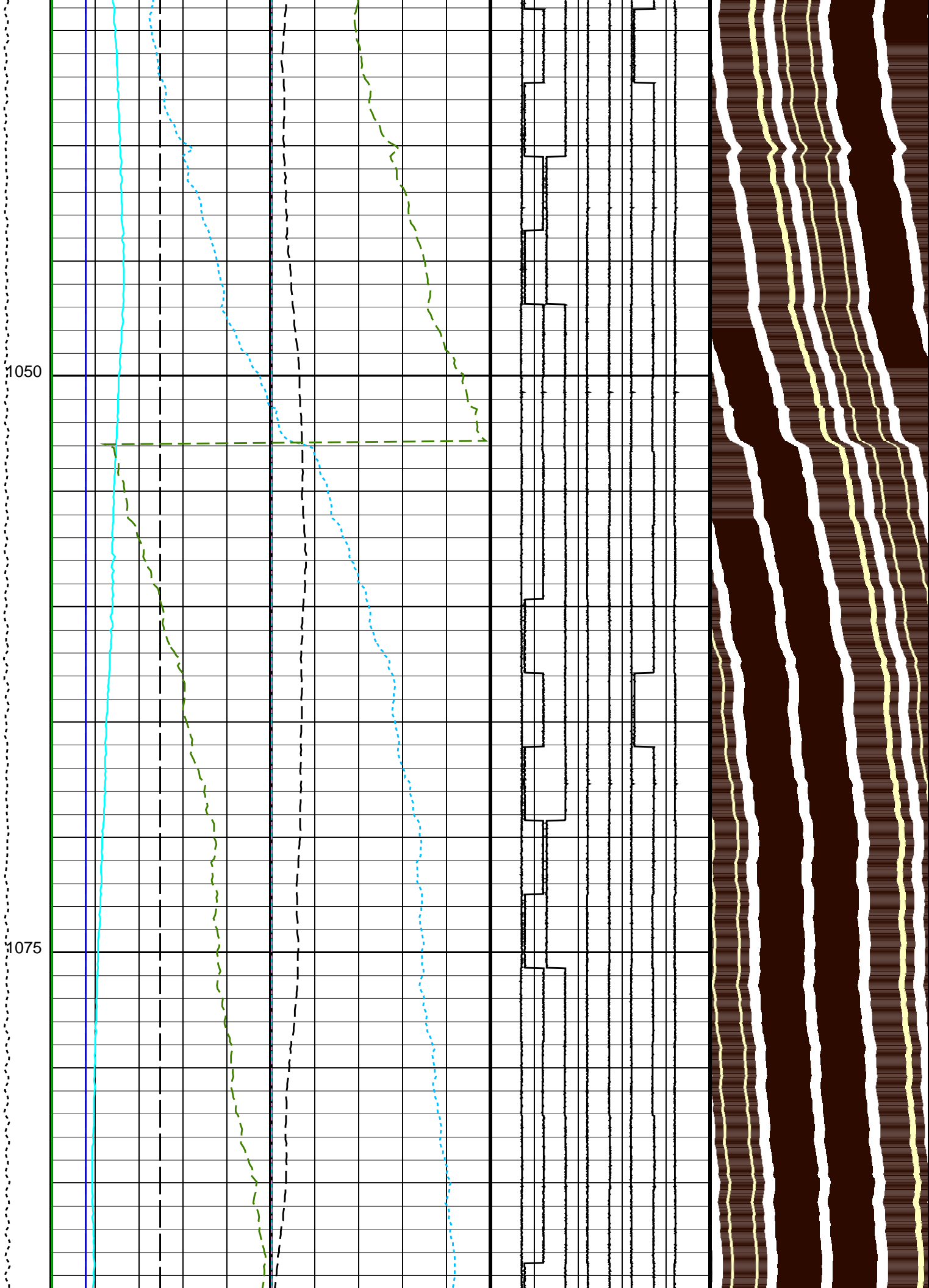


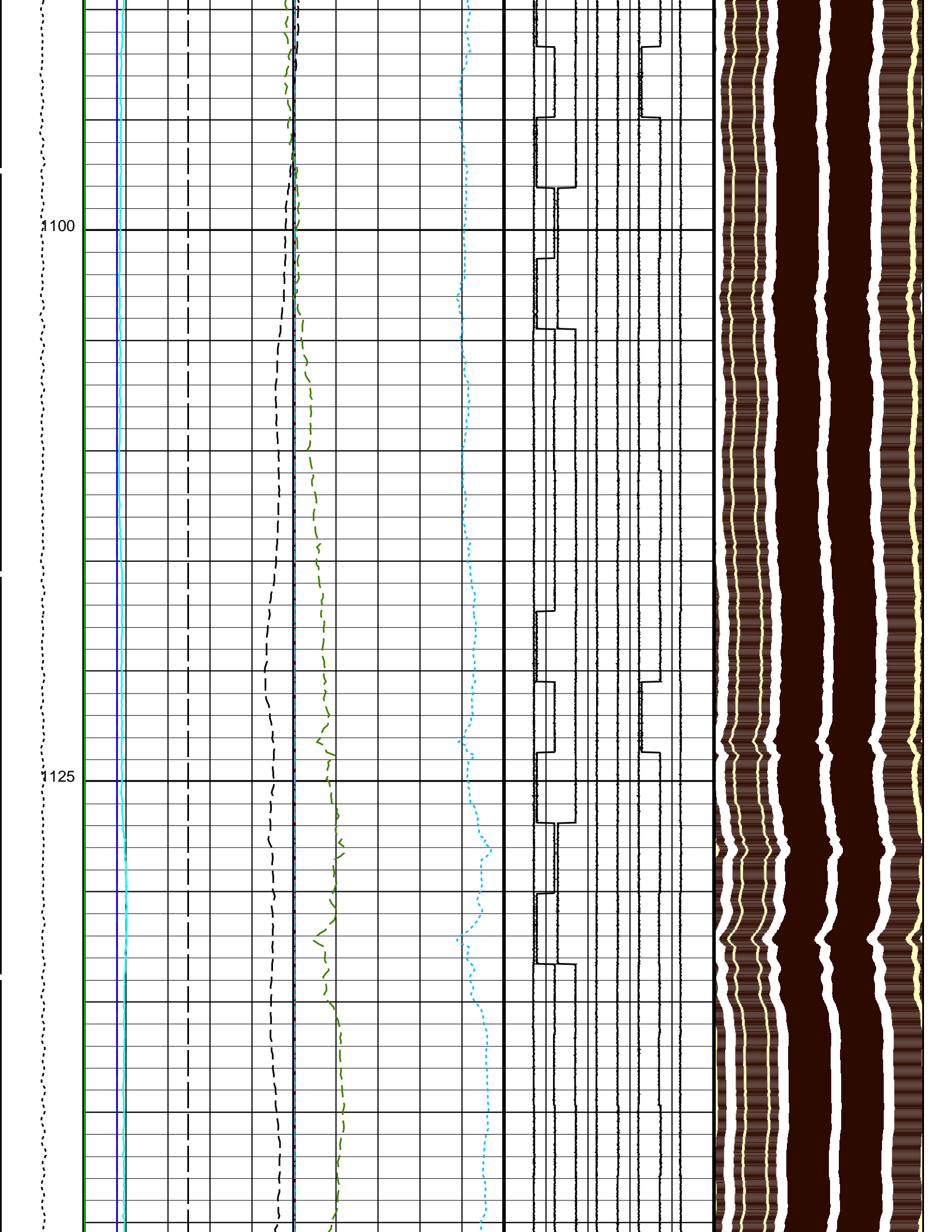


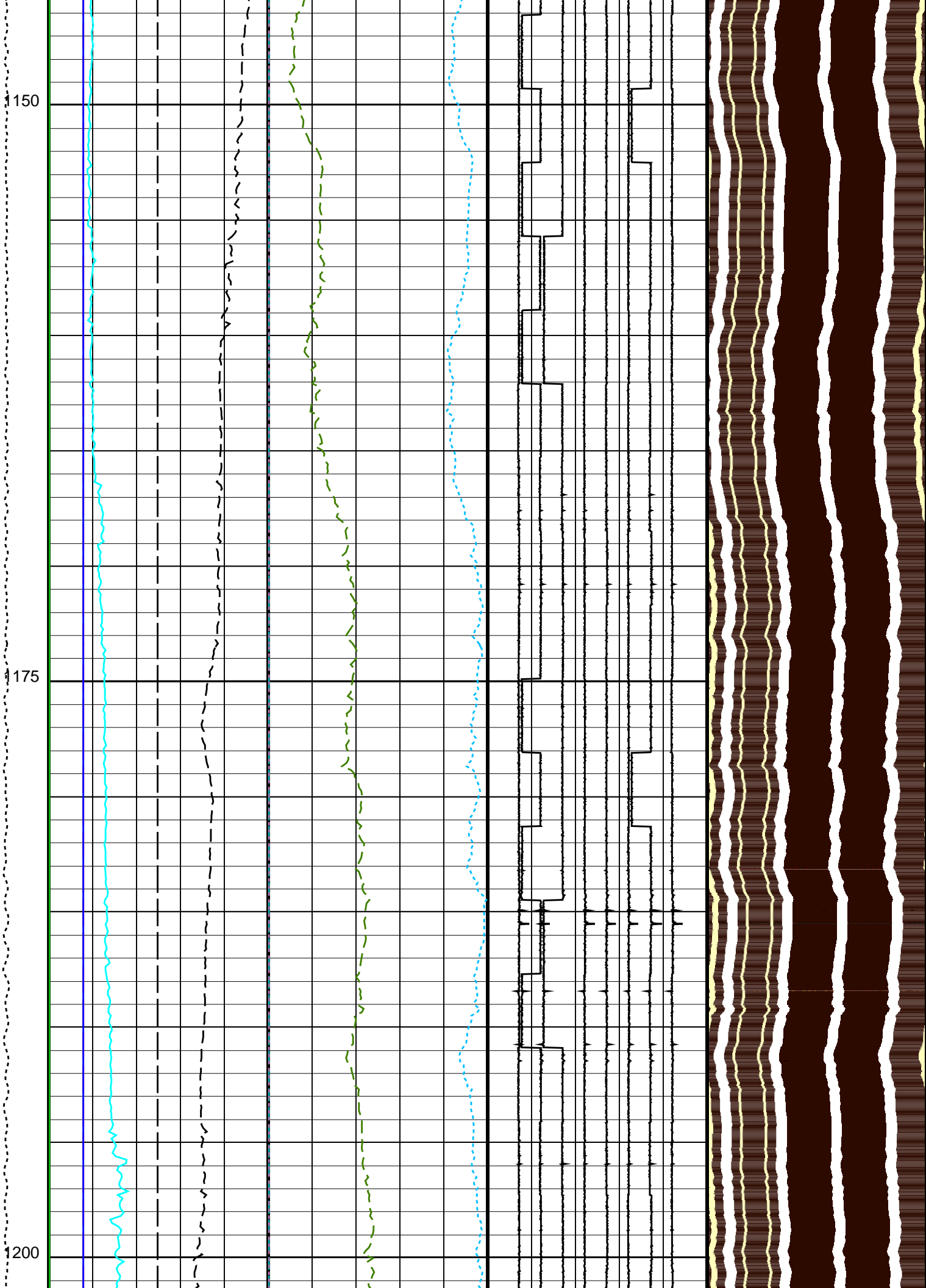






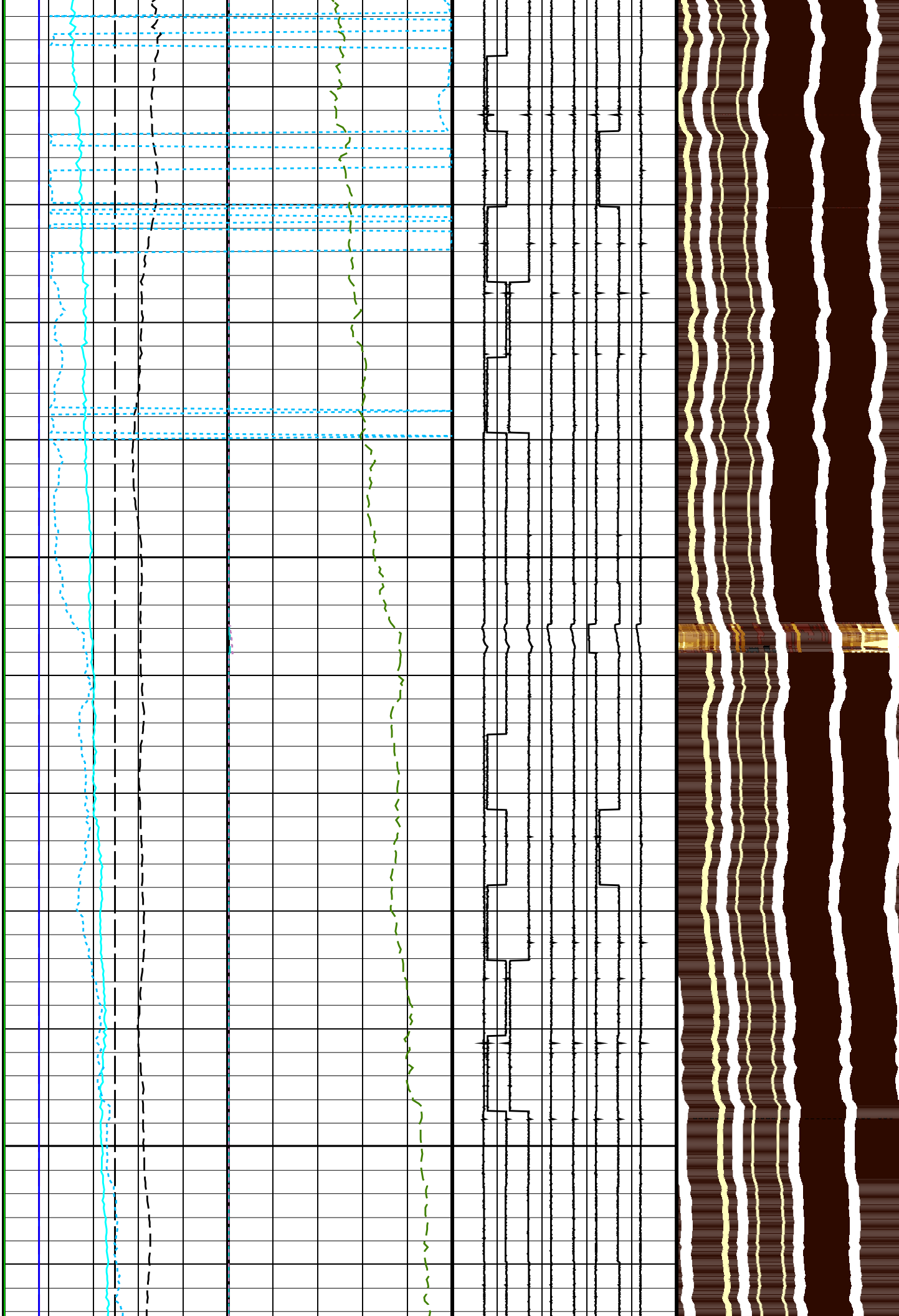


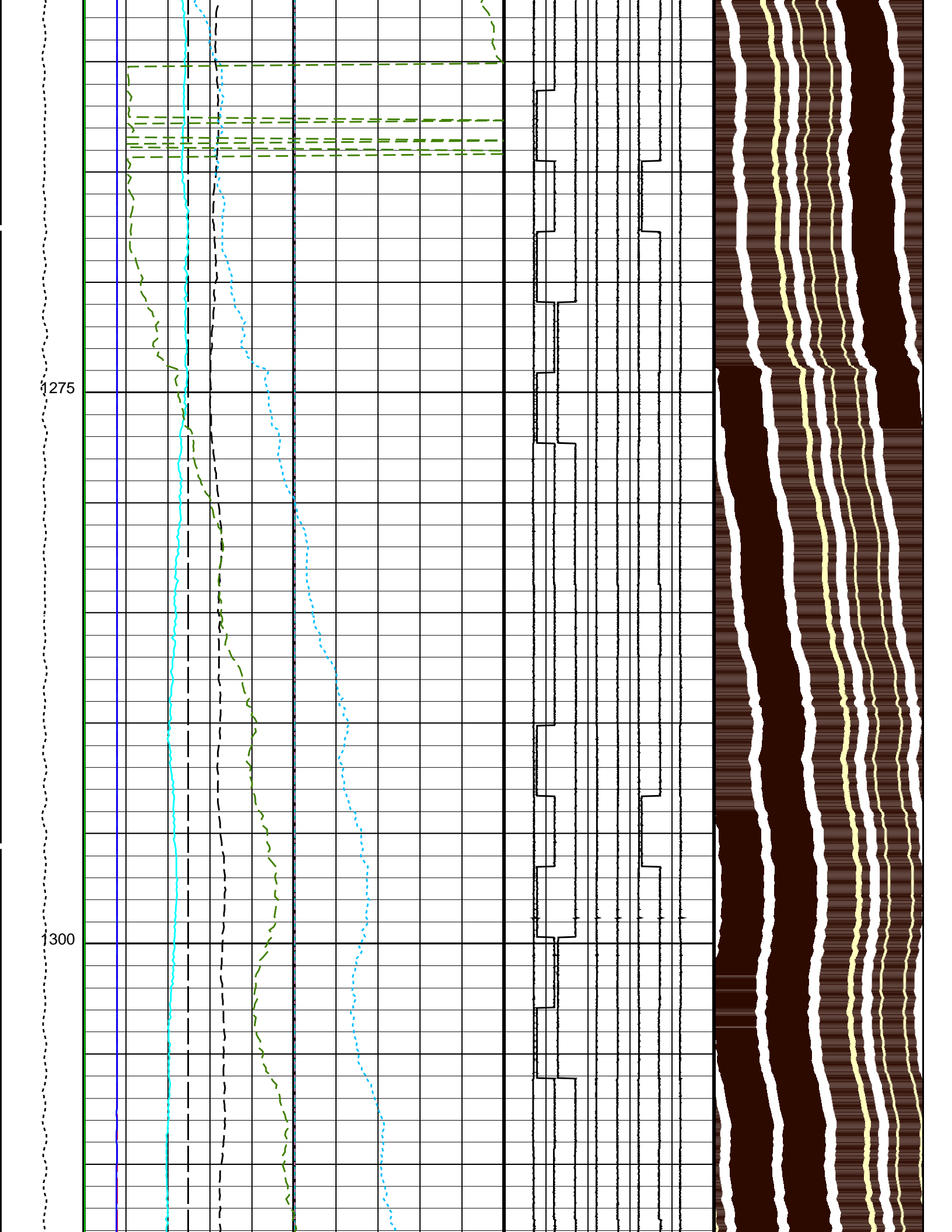




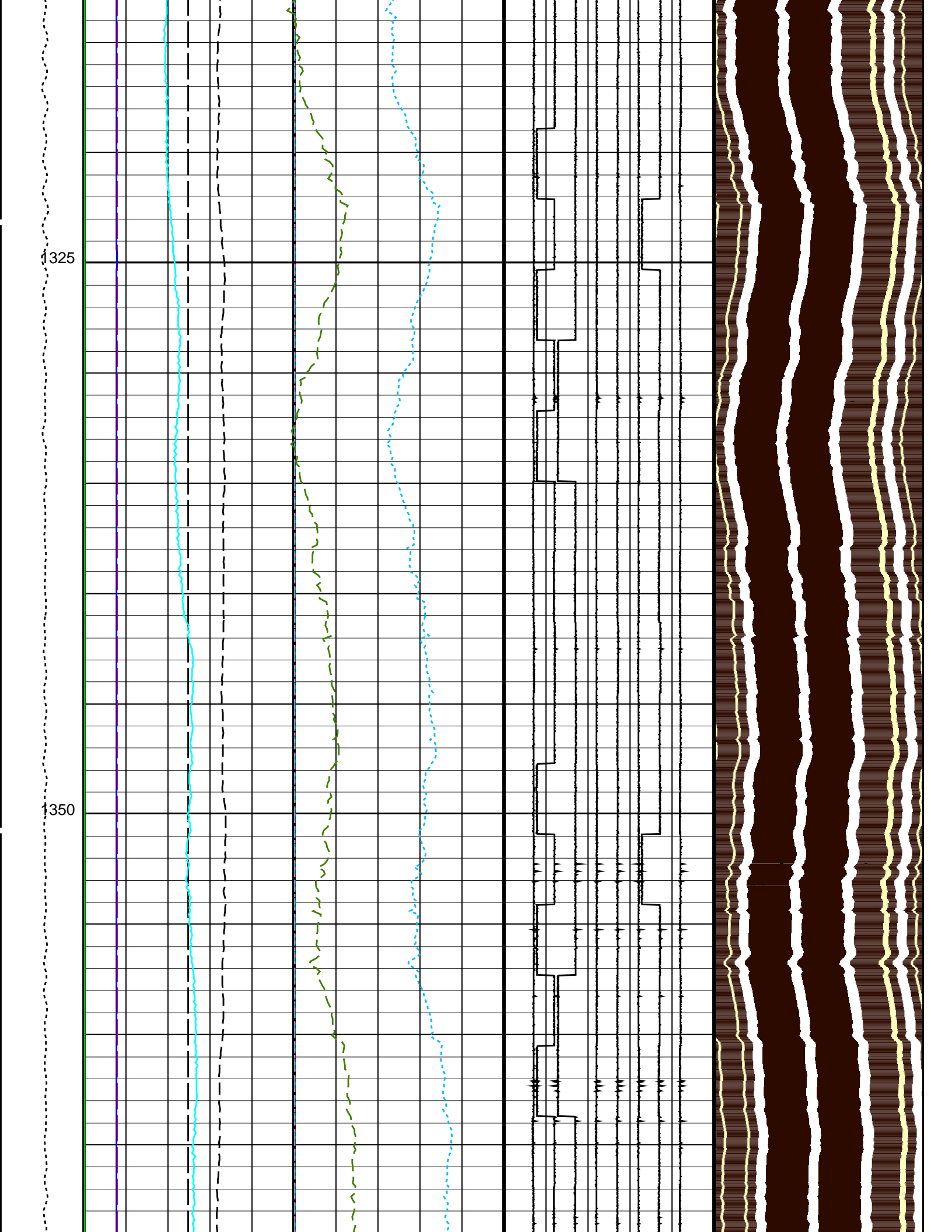
1225

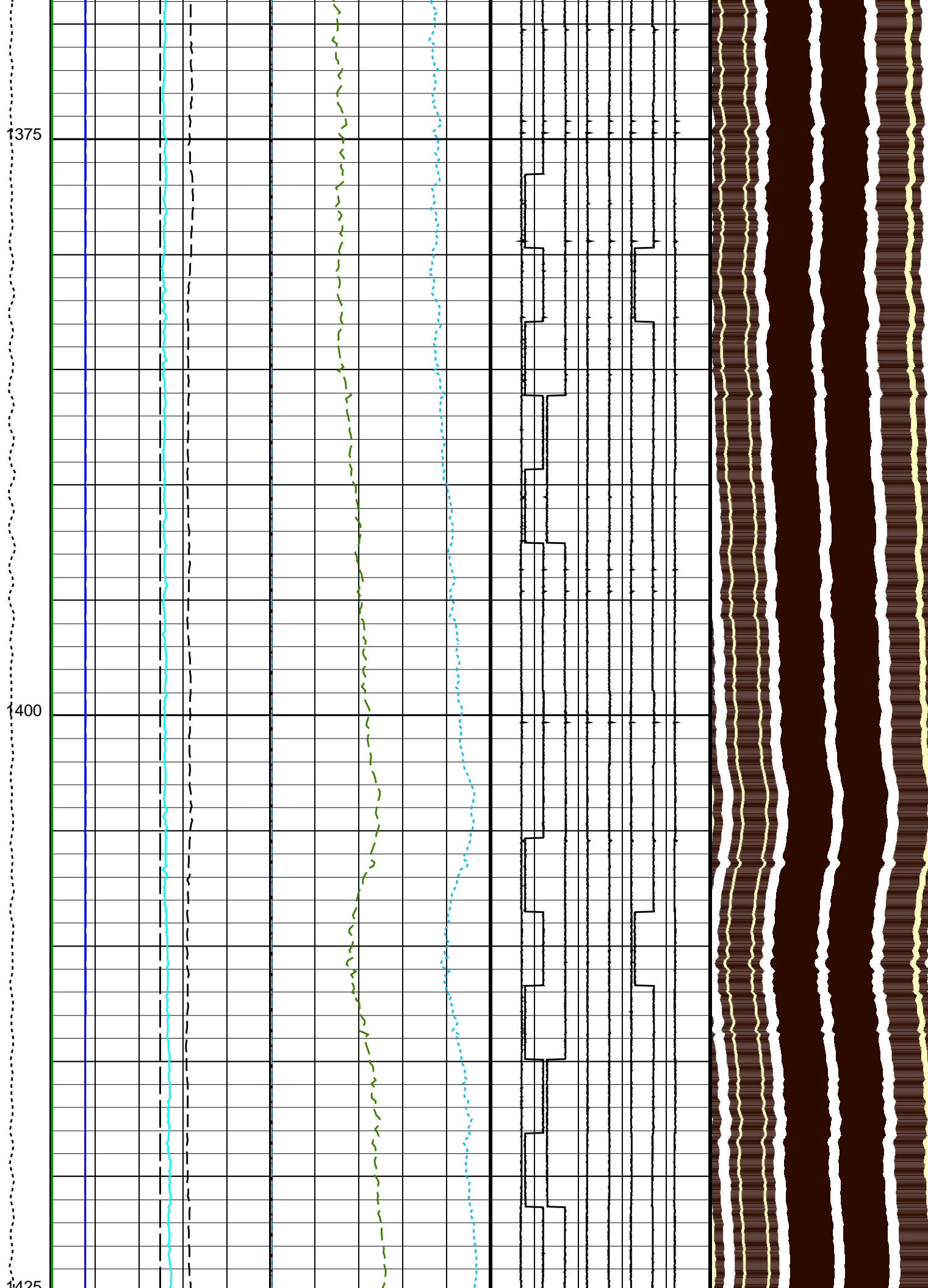
1250

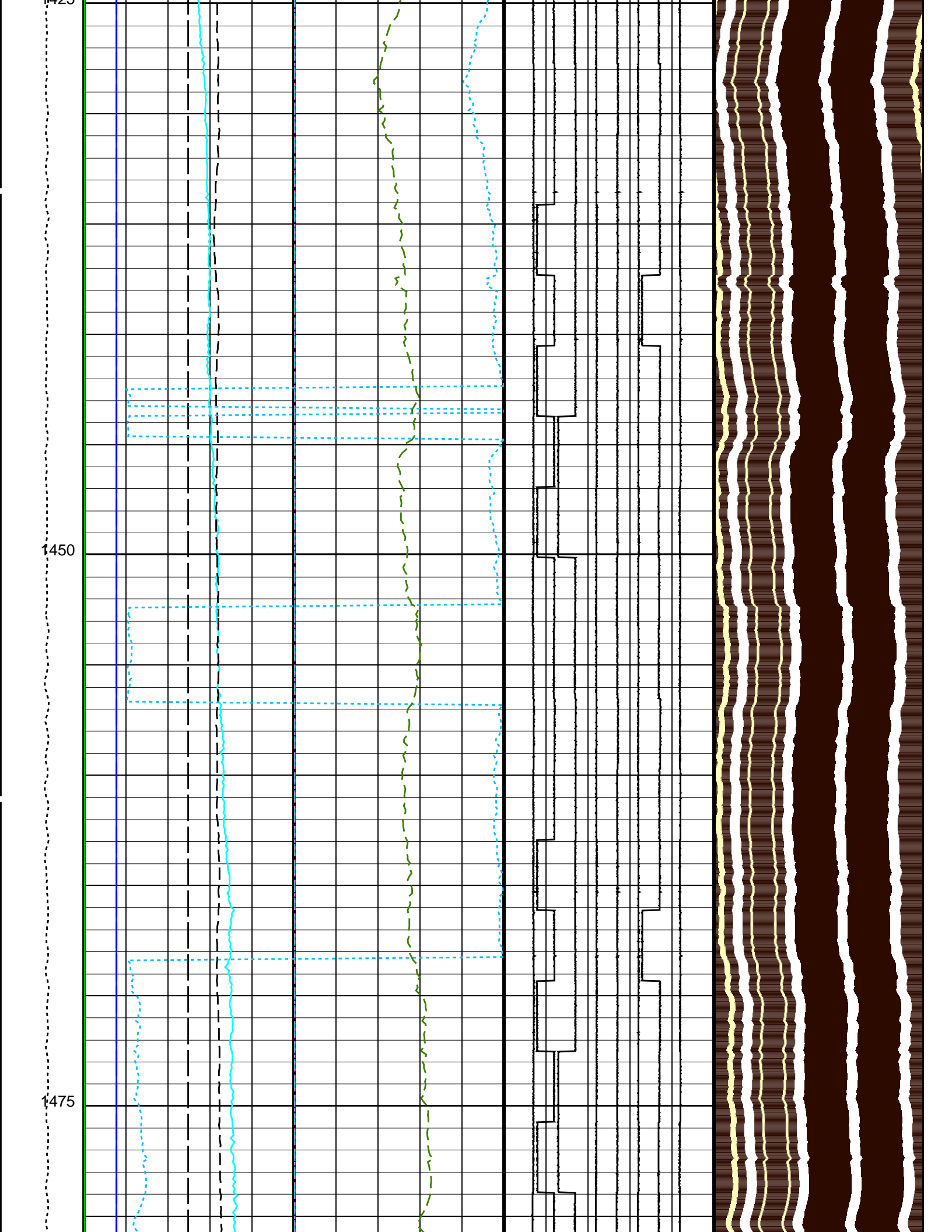


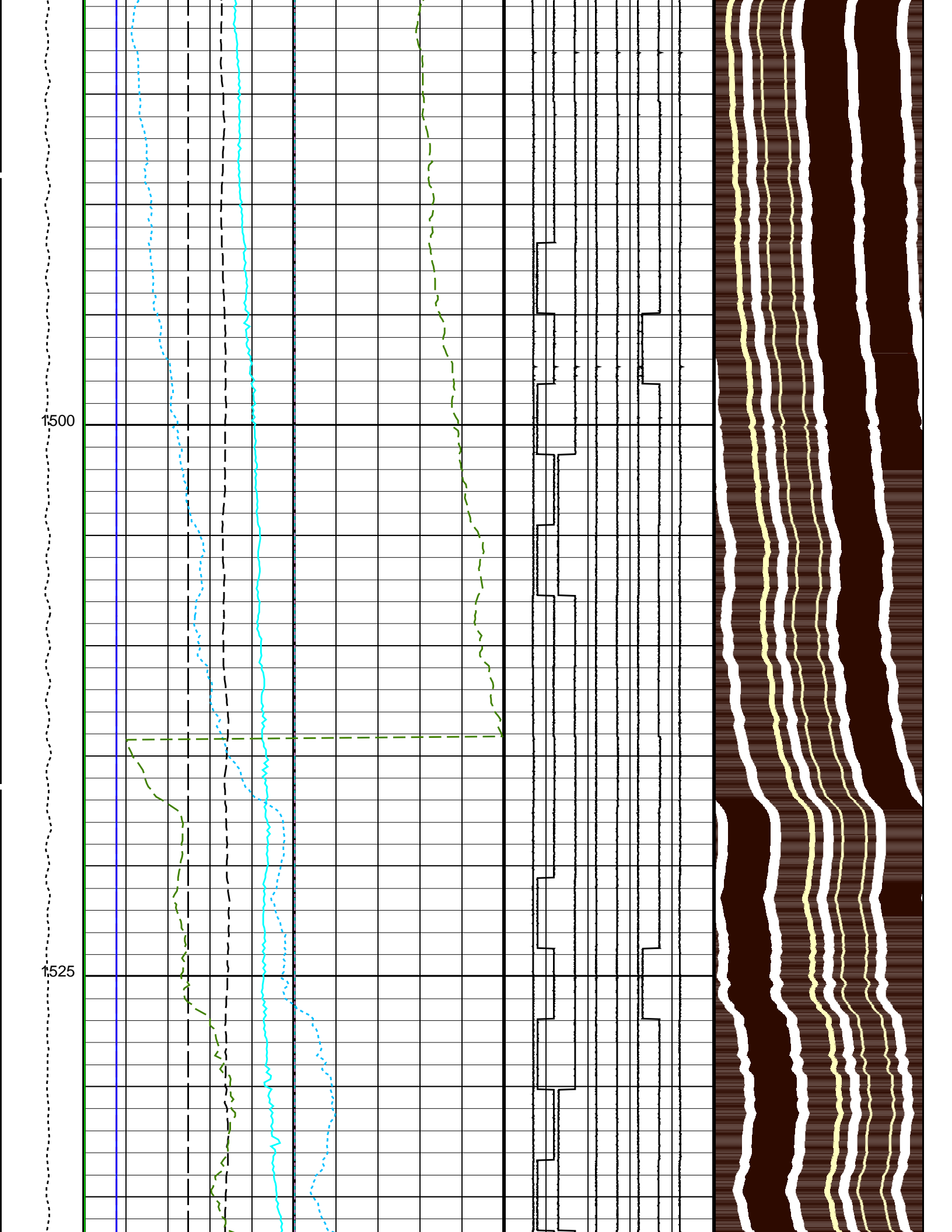


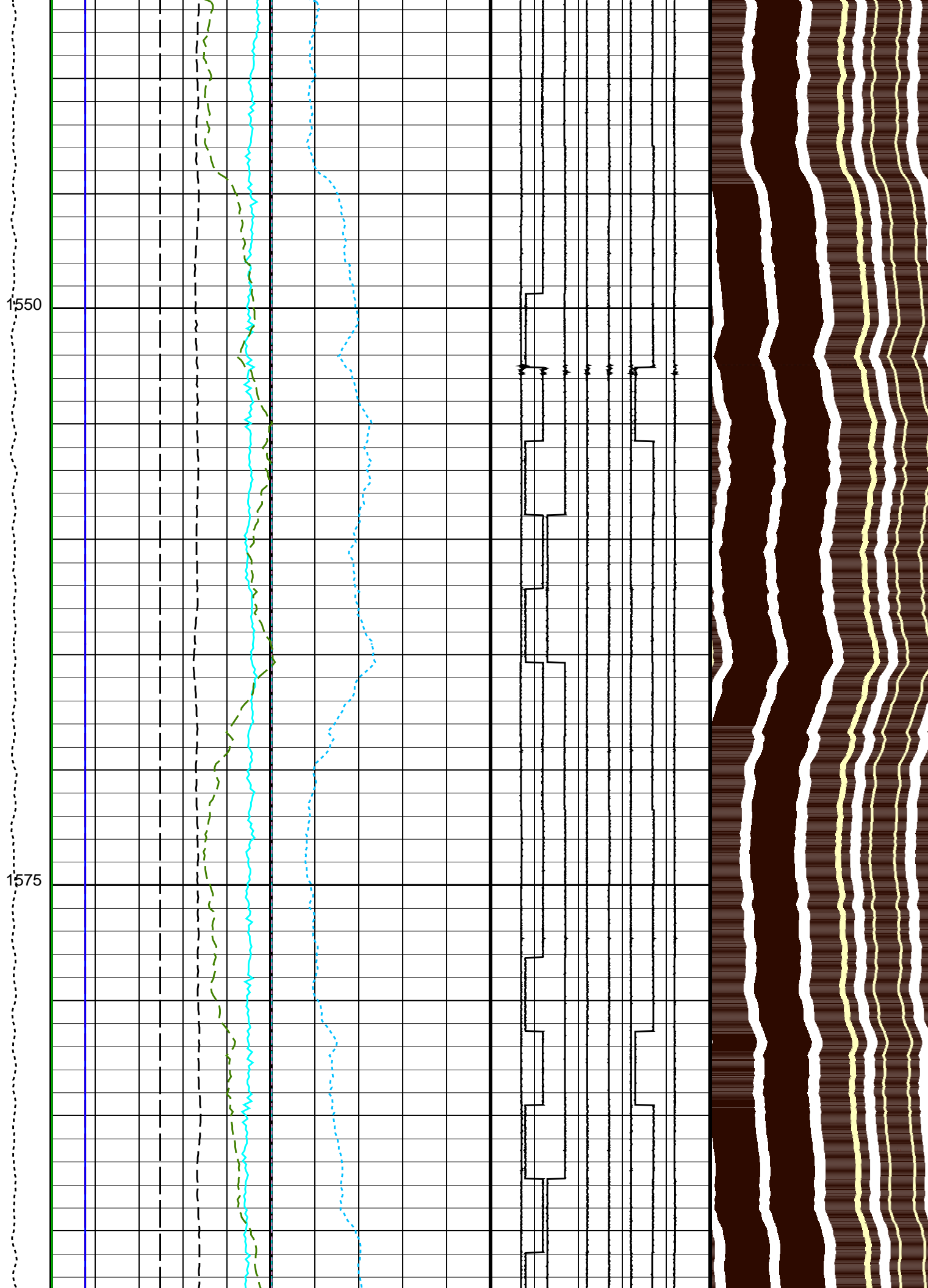






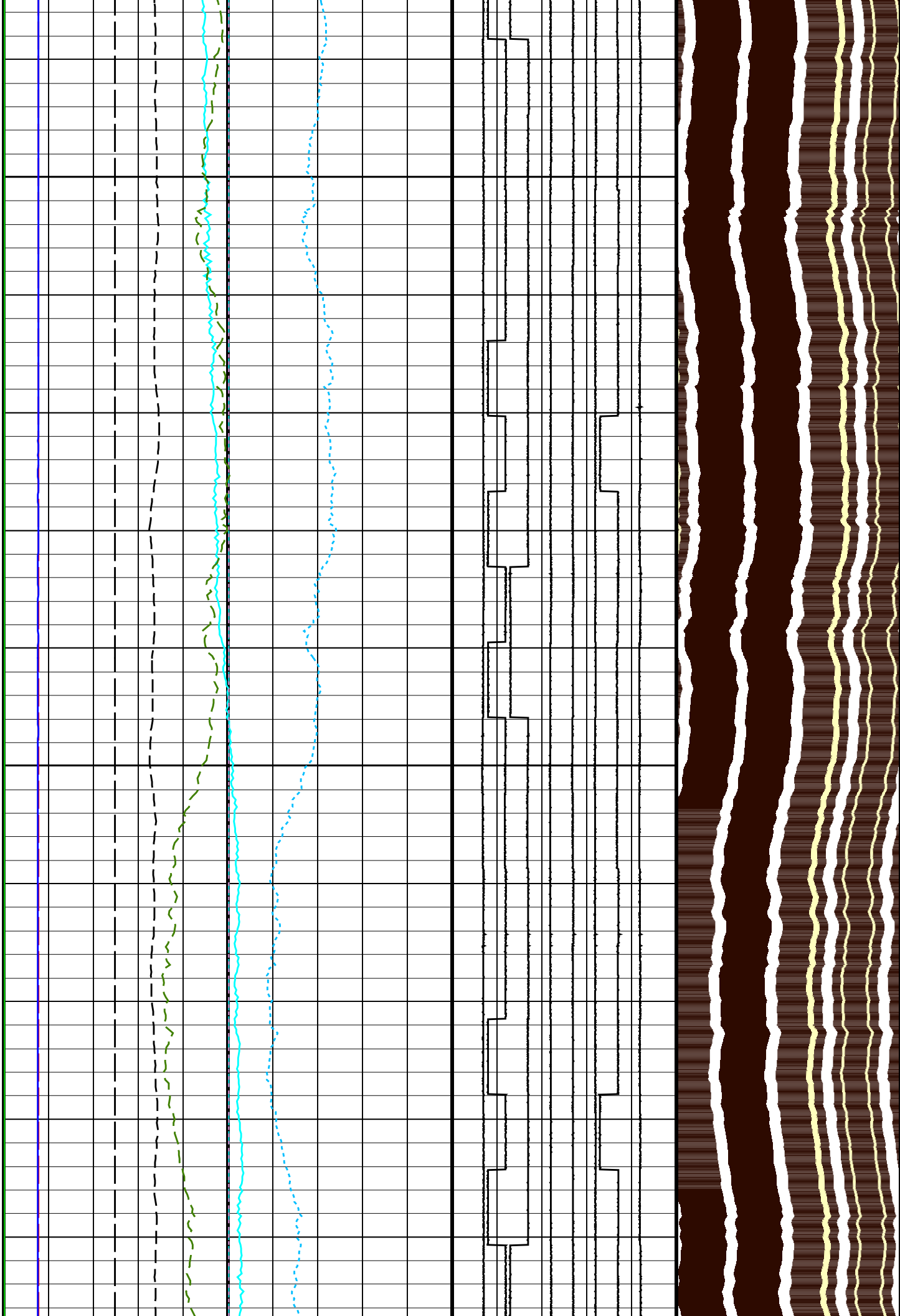






1600

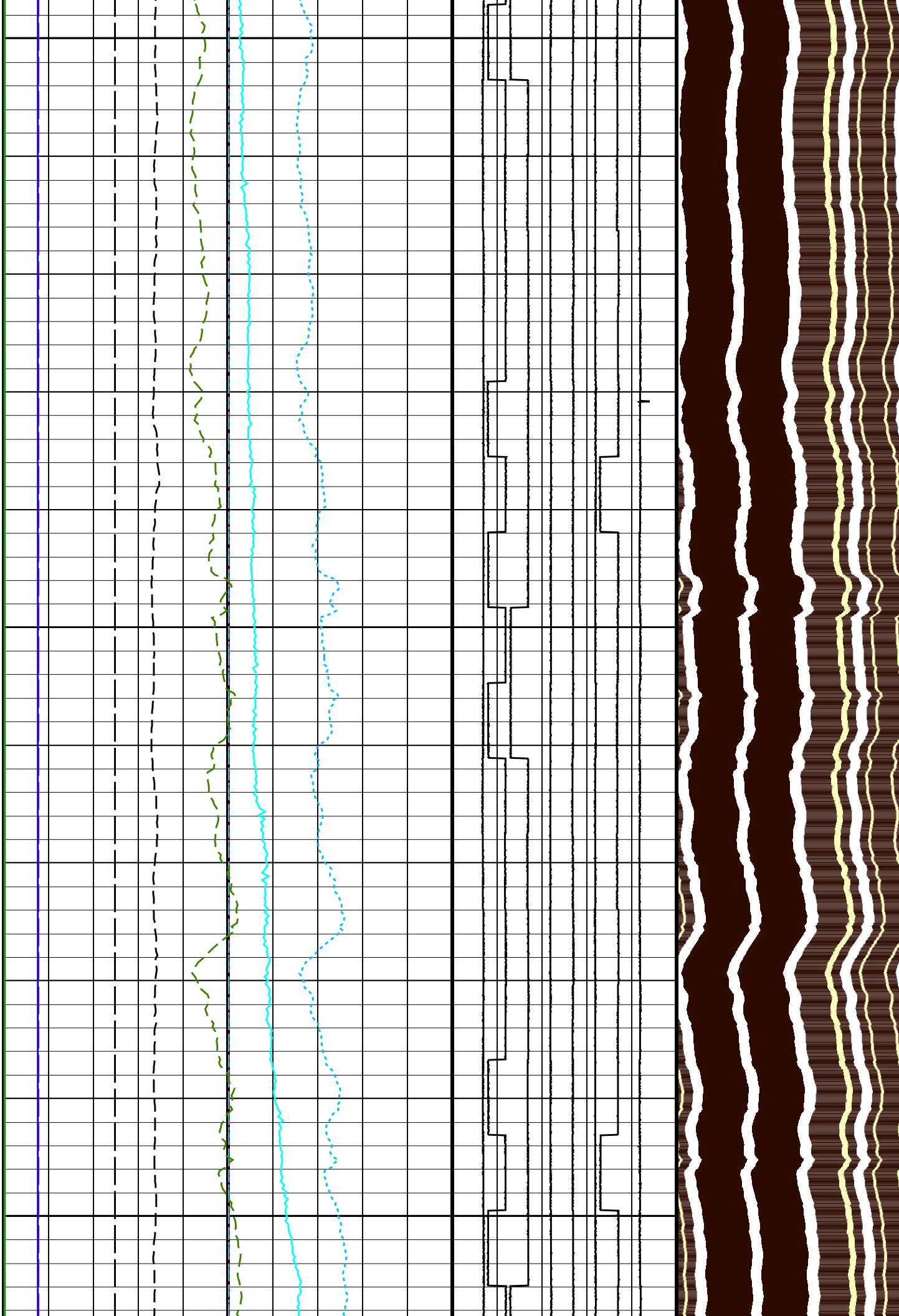
1625



1650

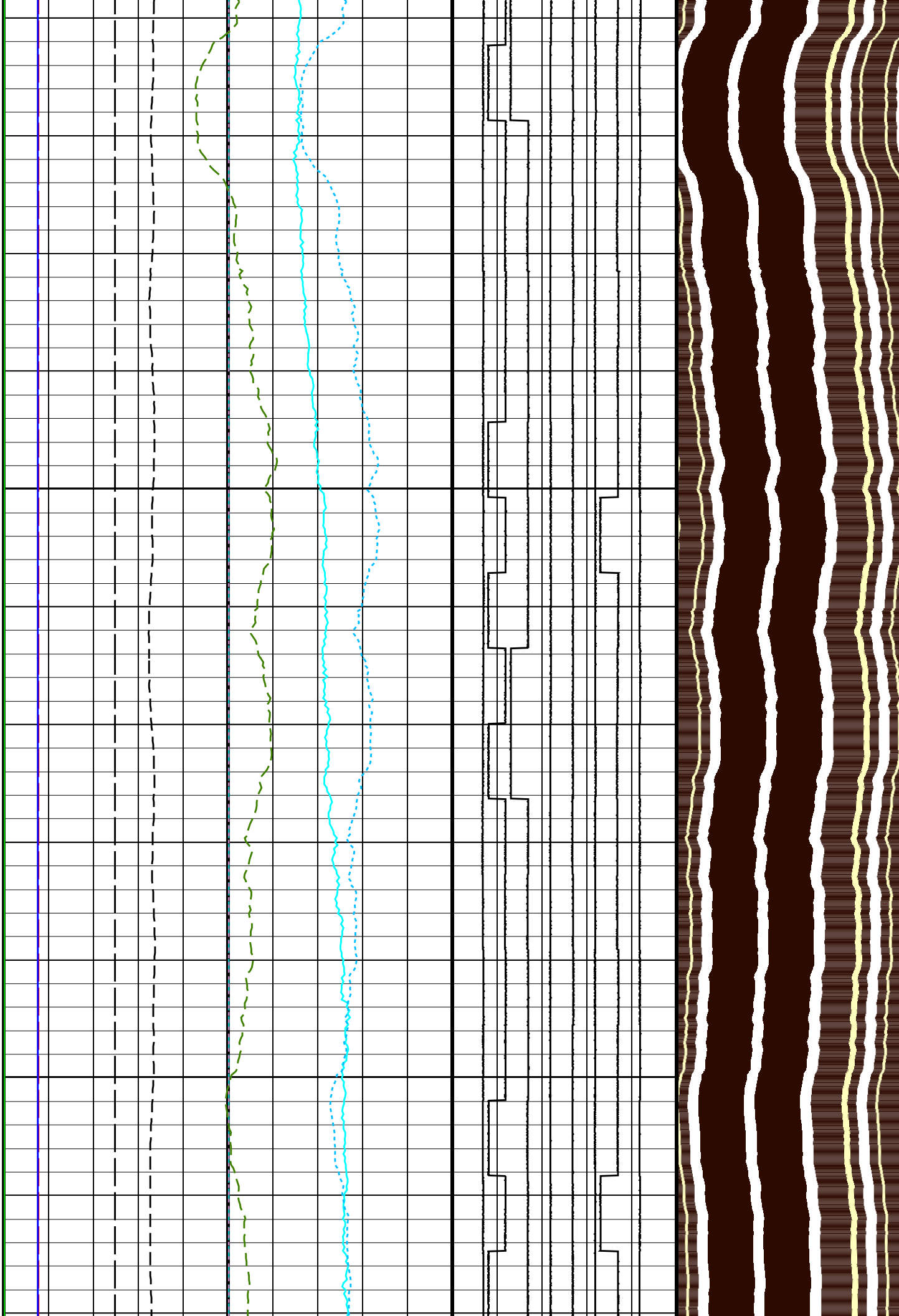
1675

1700



1725

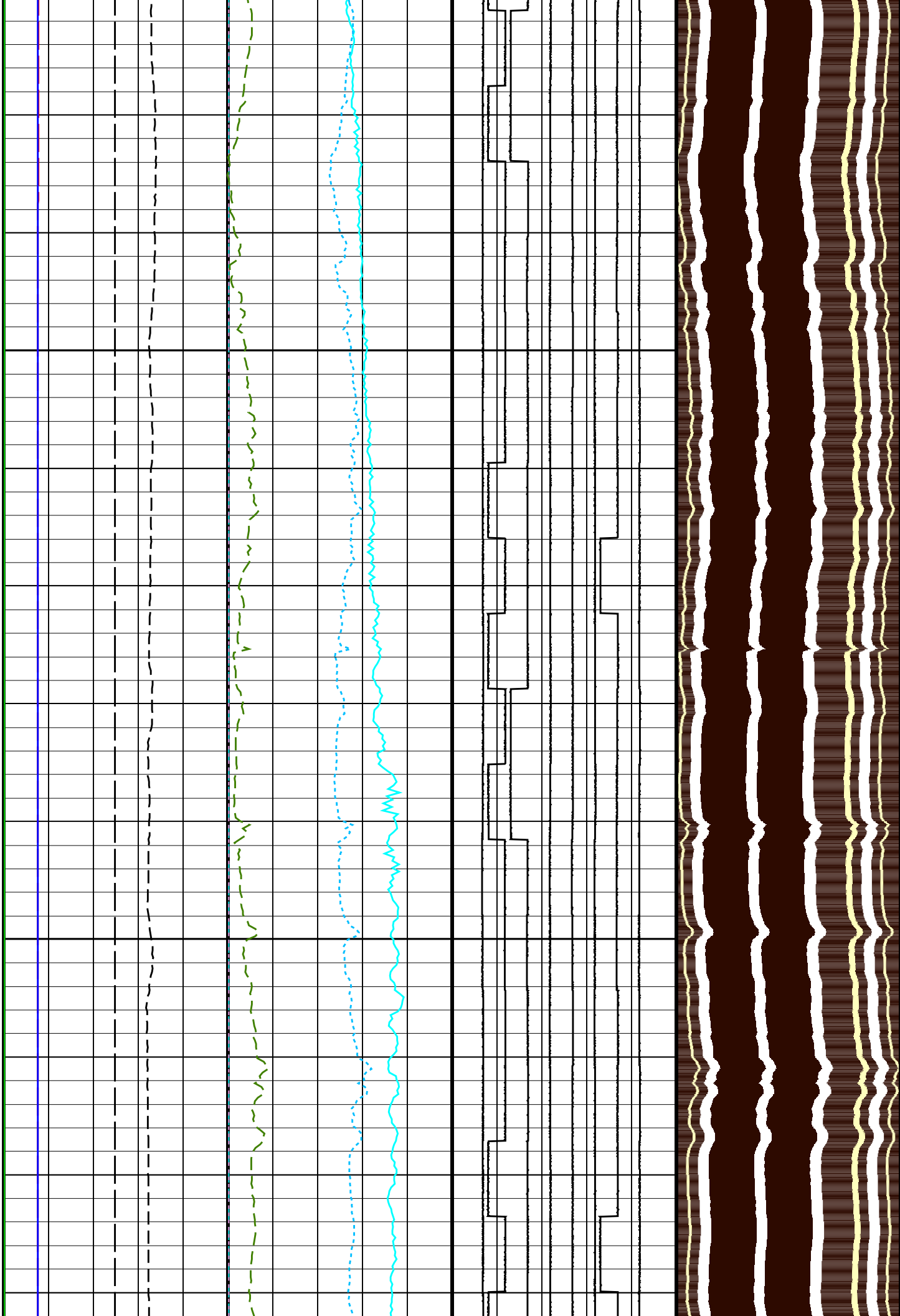
1750





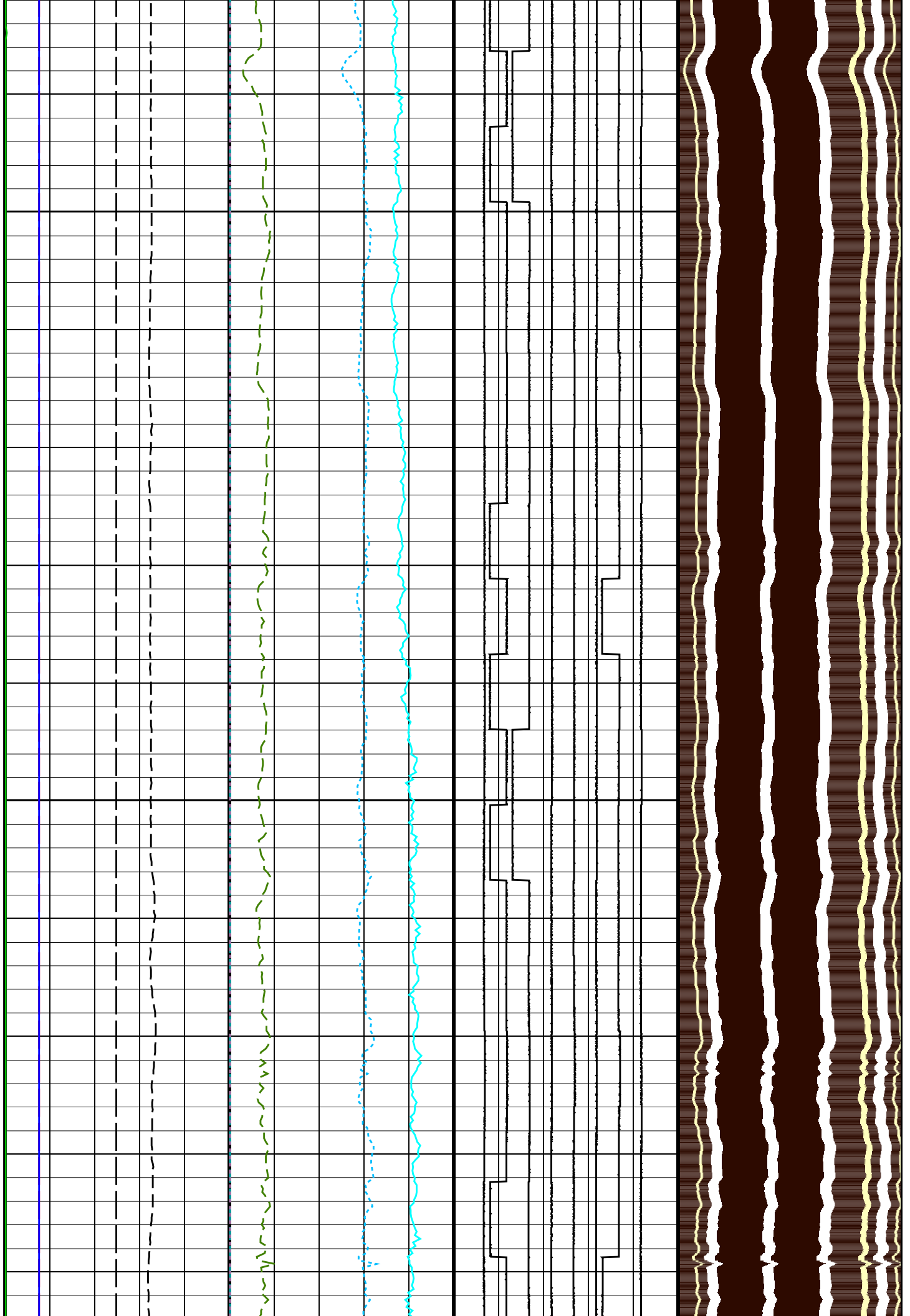
1775

1800



1825

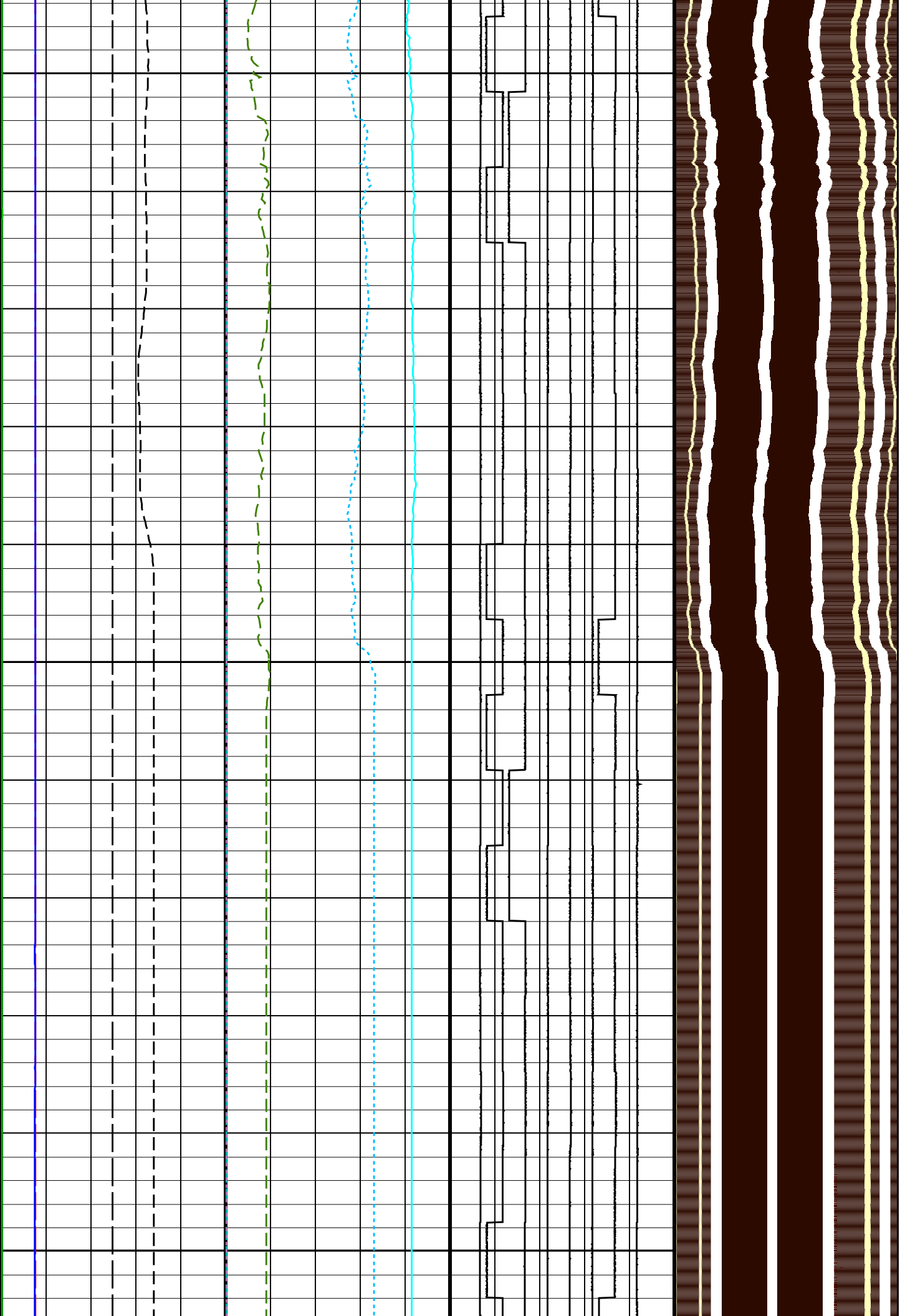
1850

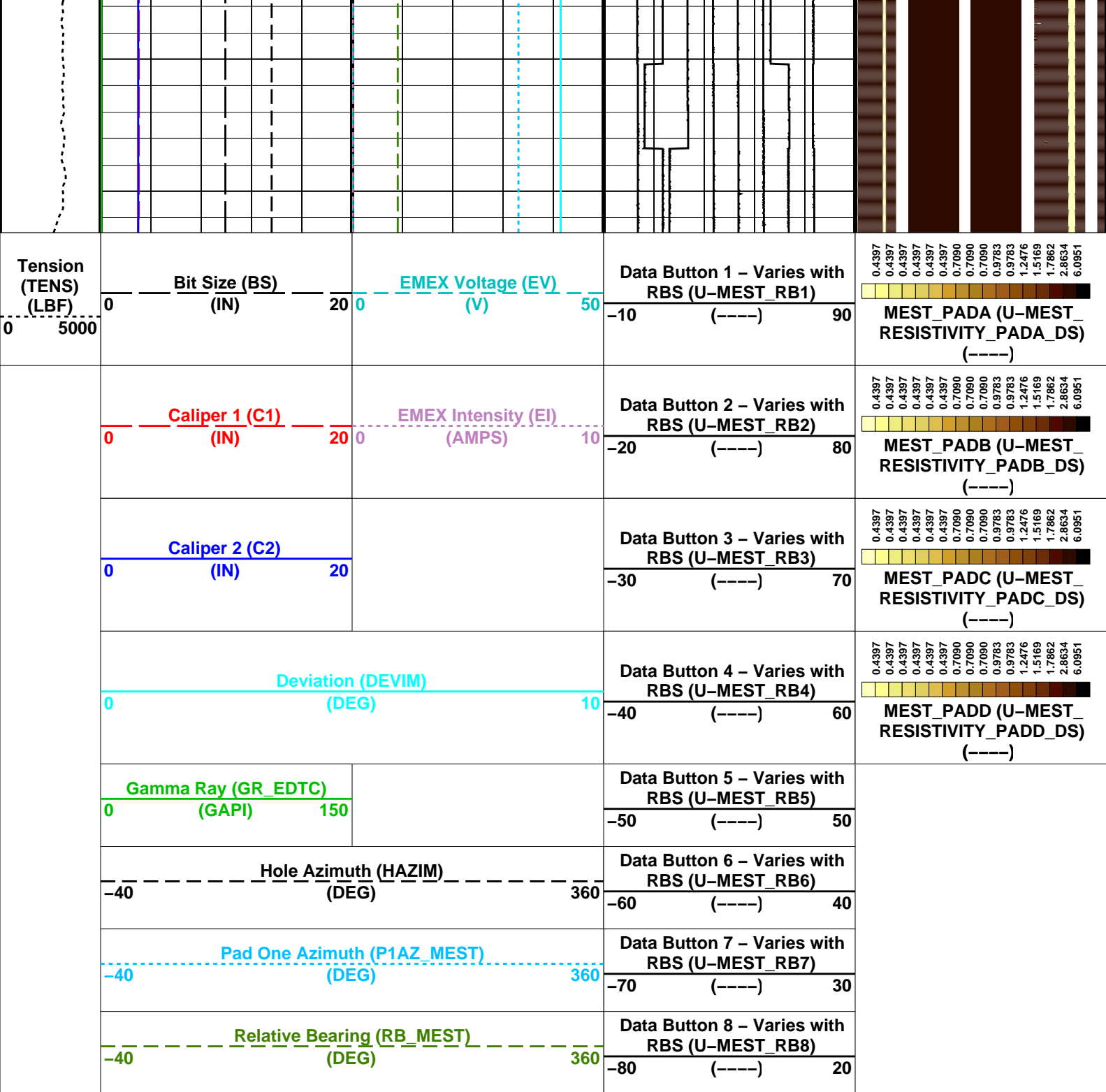


1875

1900

1925





Time Mark Every 60 S

PIP SUMMARY

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	-12.9287	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
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

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_116LUP	PRODUCER	30-May-2023 16:35	1936.5 M	820.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_117PUP	FN:111	PRODUCER	30-May-2023 16:39
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Schlumberger

First Up Pass

MAXIS Field Log

Input DLIS Files

DEFAULT	FMS_DSI_NGS_096LUP	FN:92	PRODUCER	27-May-2023 16:41	1931.7 M	932.1 M
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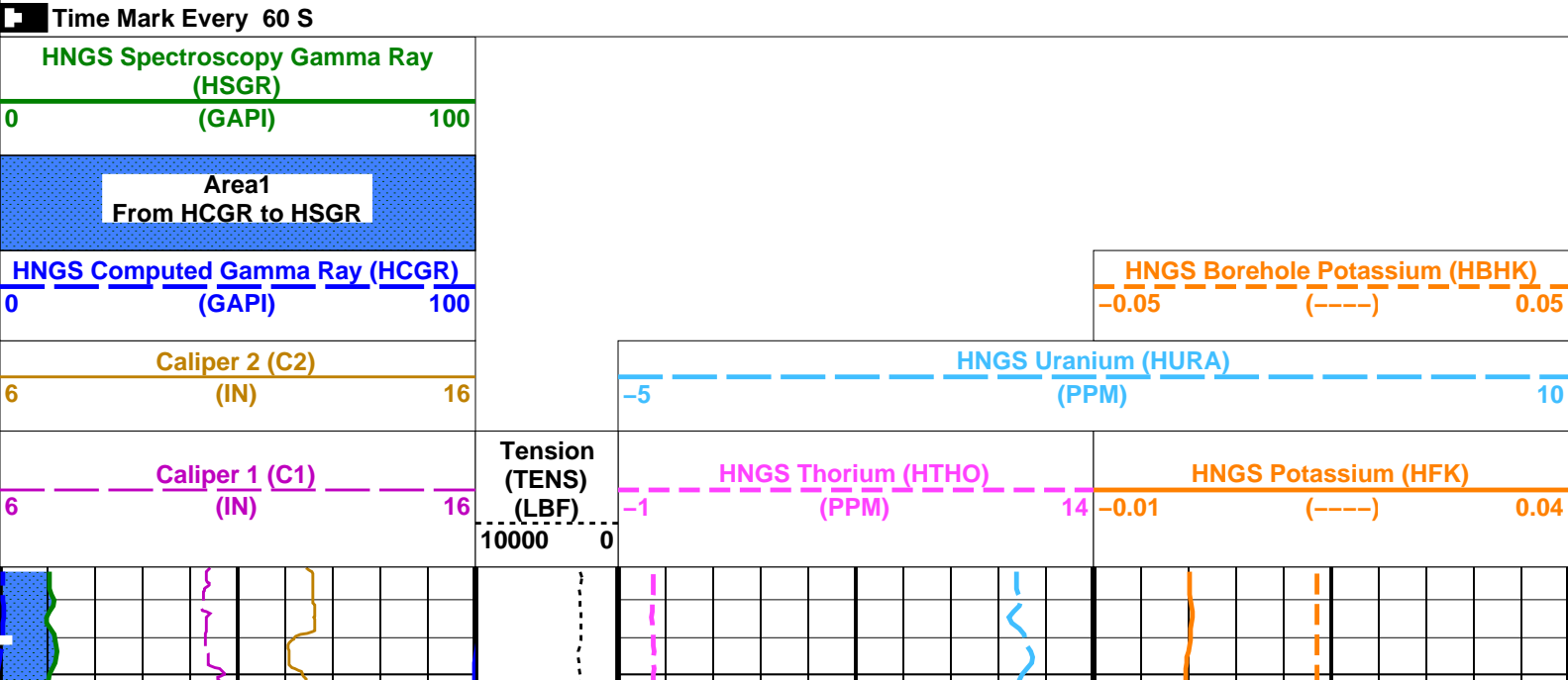
Output DLIS Files

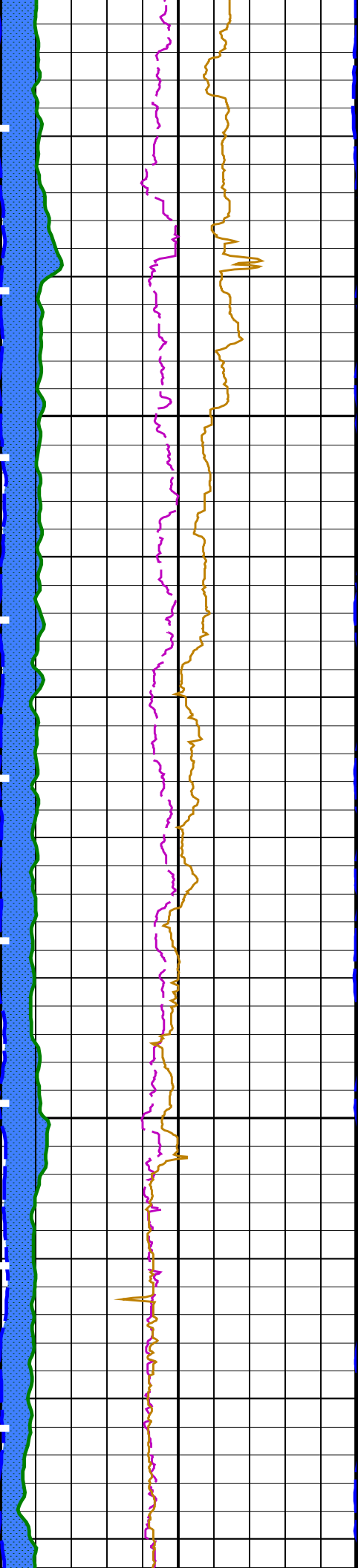
DEFAULT	FMS_DSI_NGS_122PUP	FN:116	PRODUCER	30-May-2023 17:00	1931.7 M	932.1 M
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OP System Version: 19C0-187

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

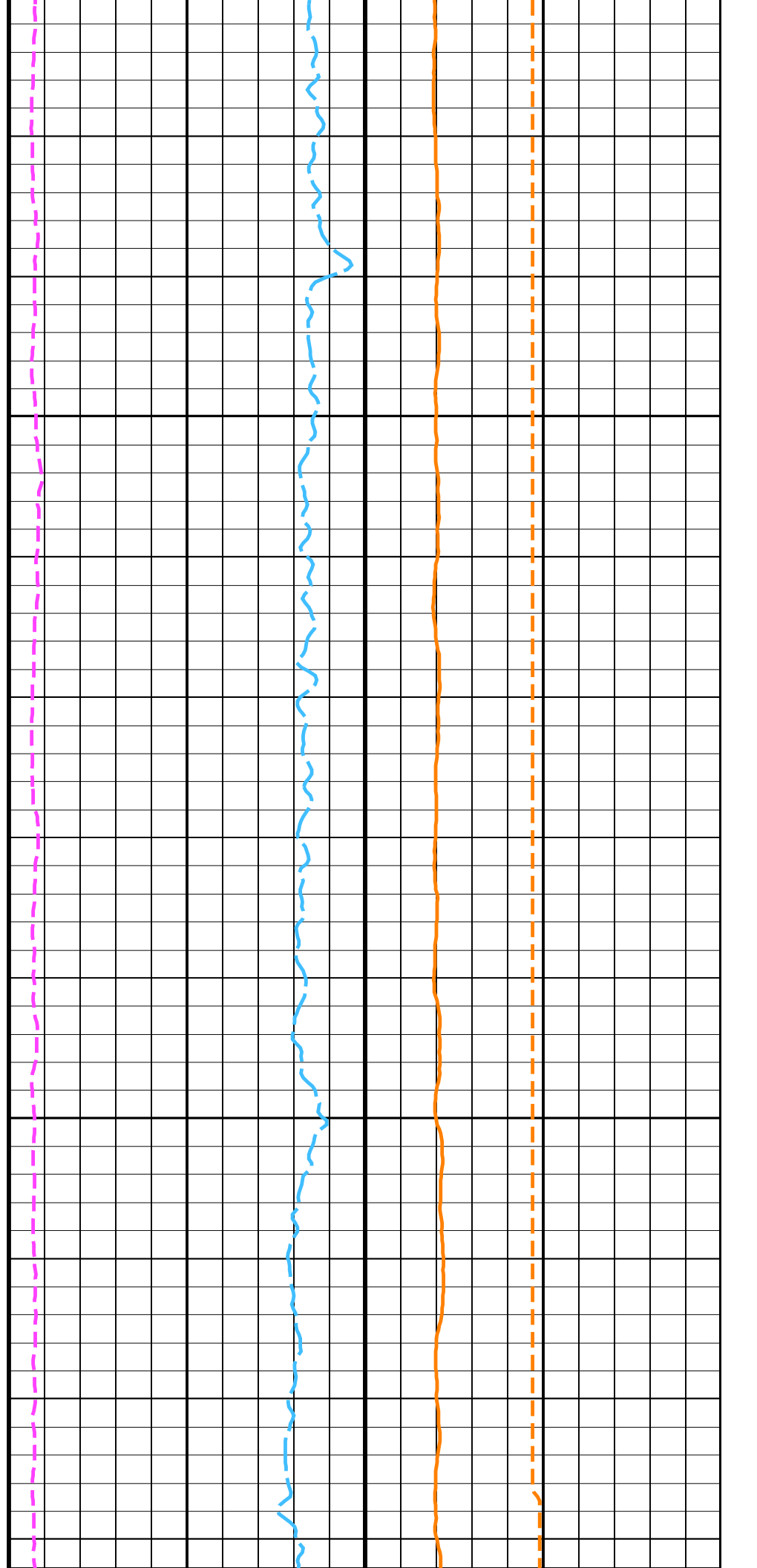
PIP SUMMARY

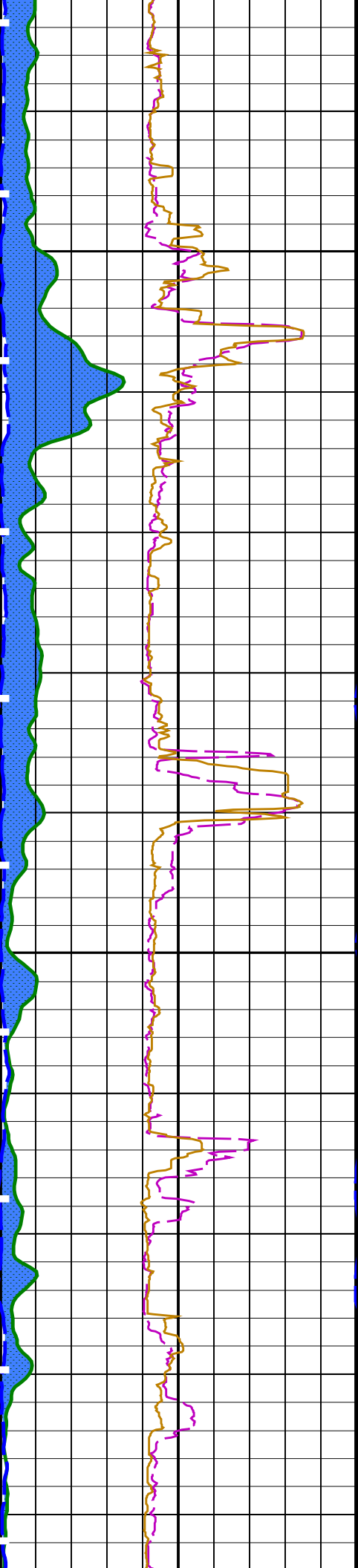




950

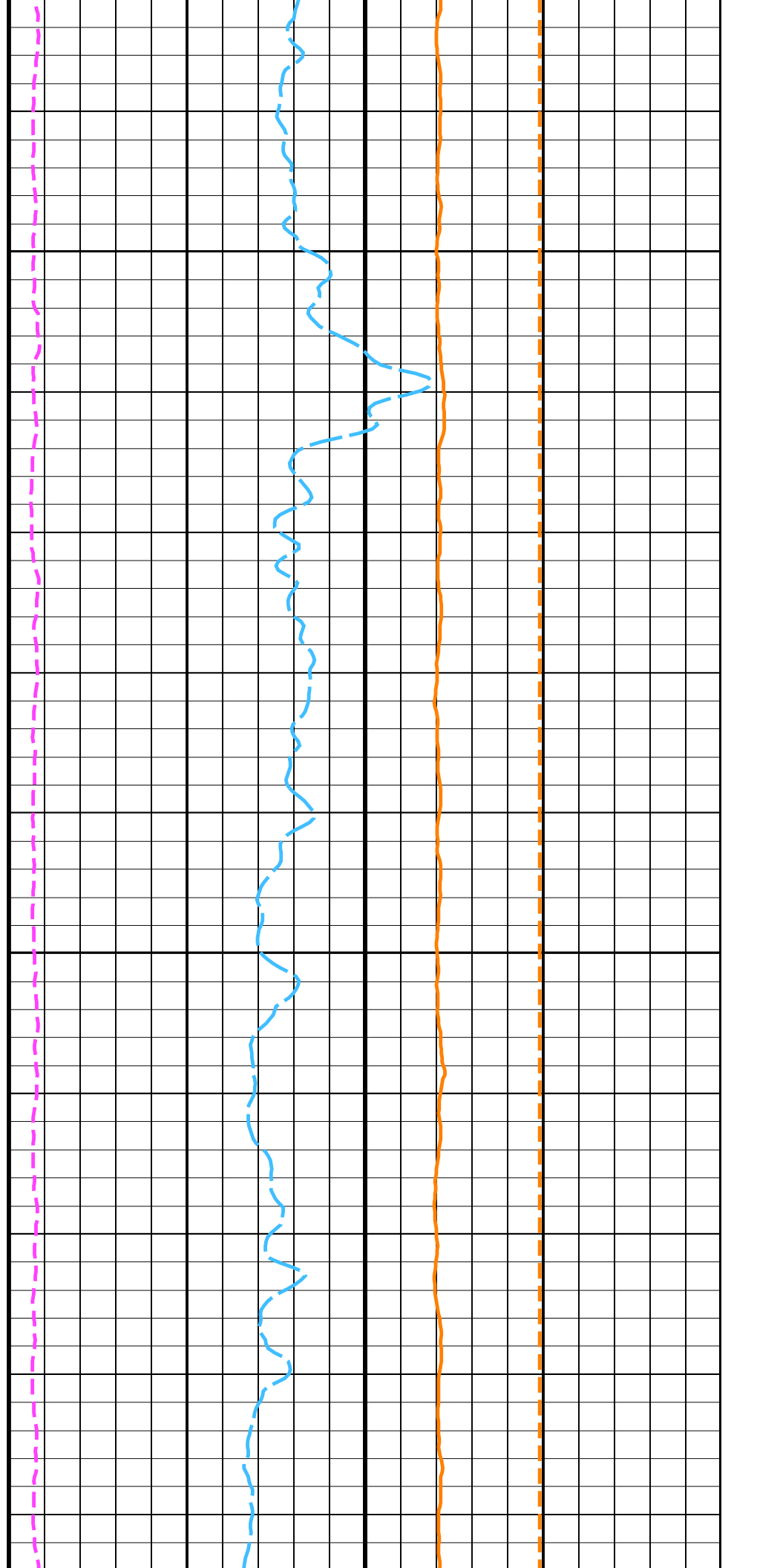
975

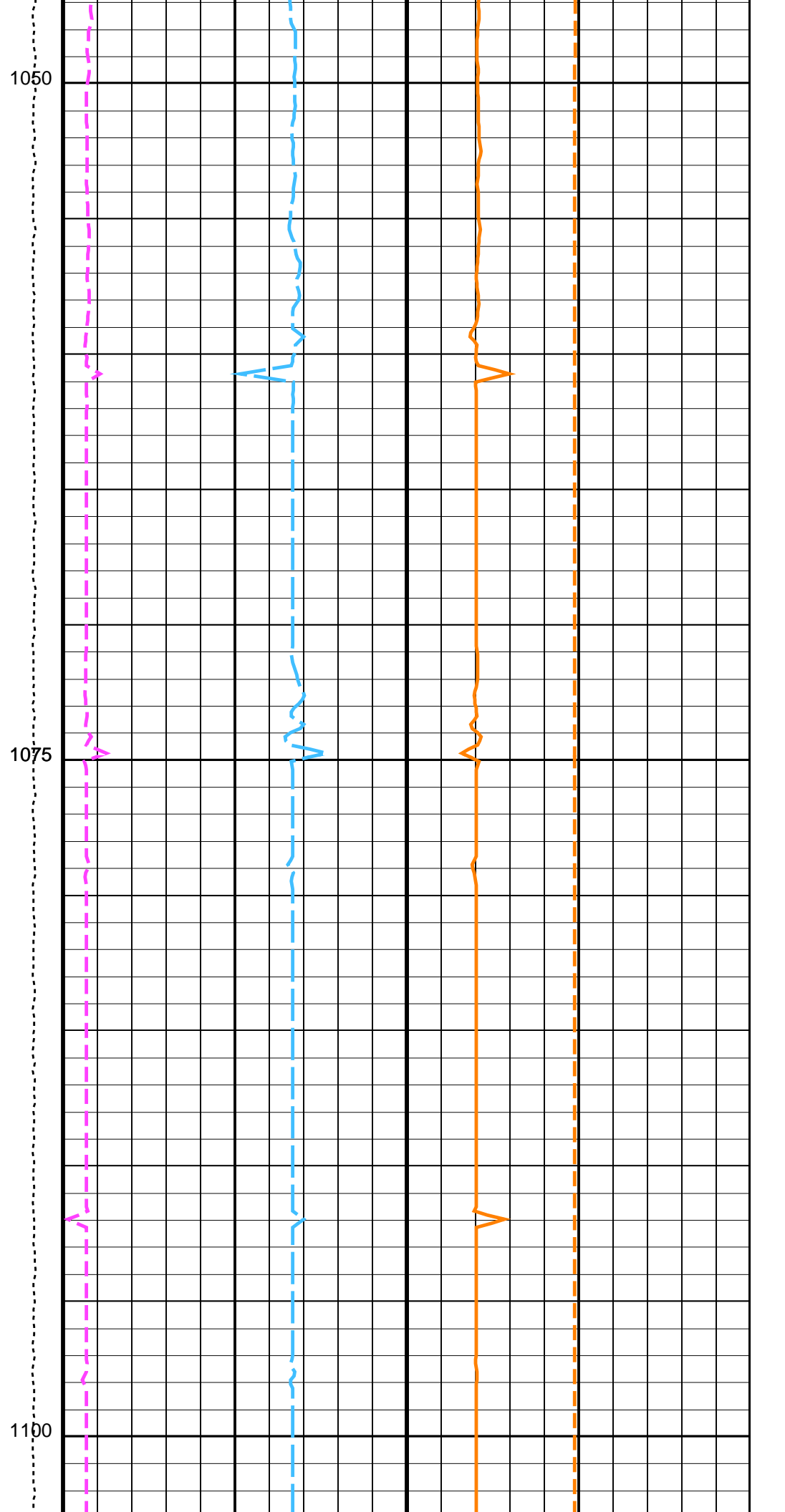
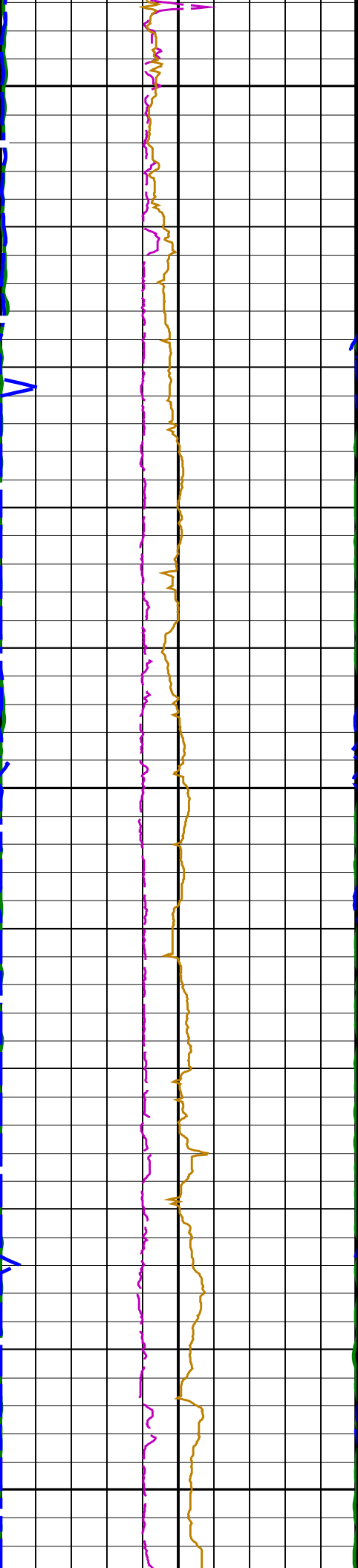




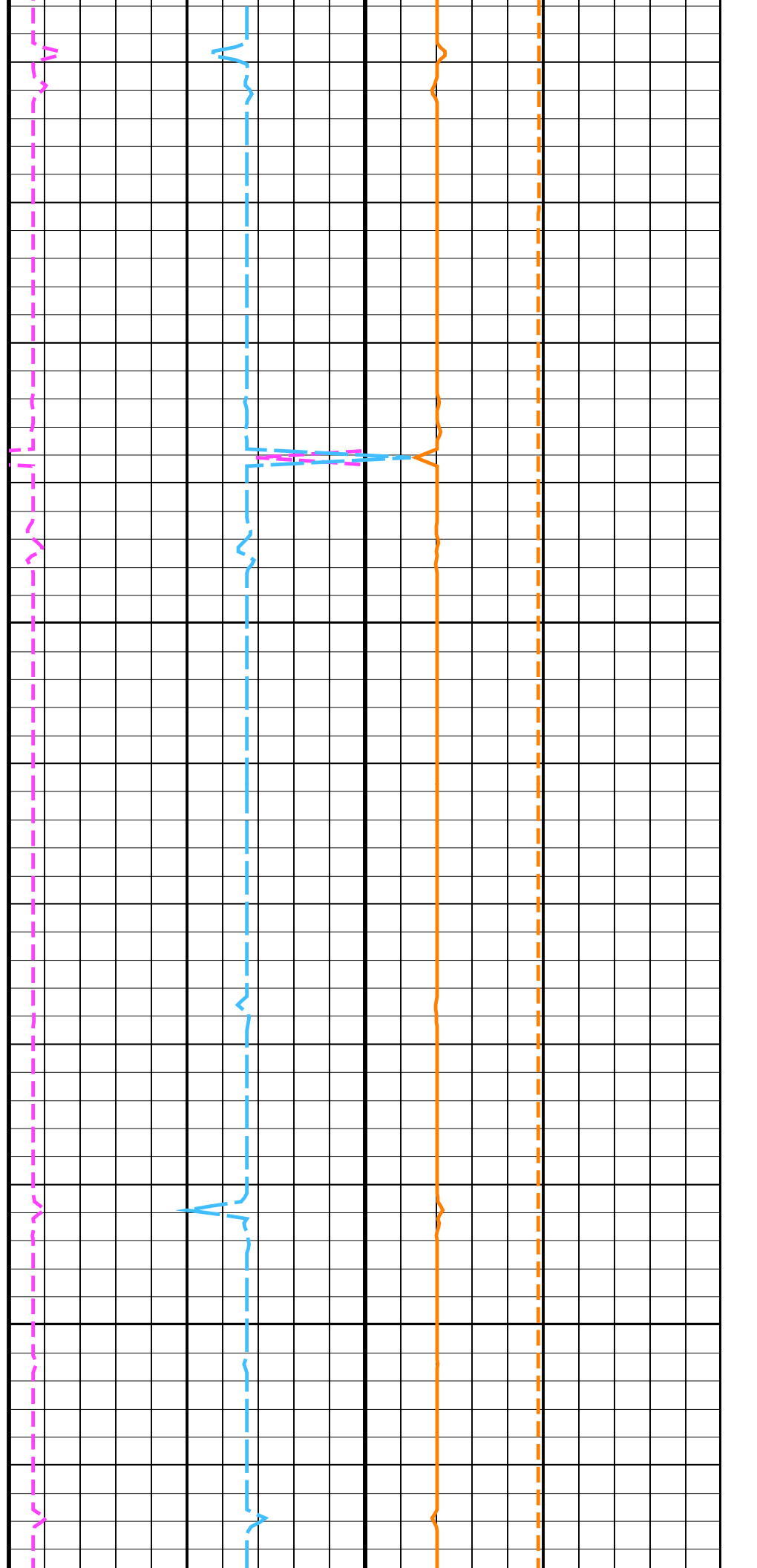
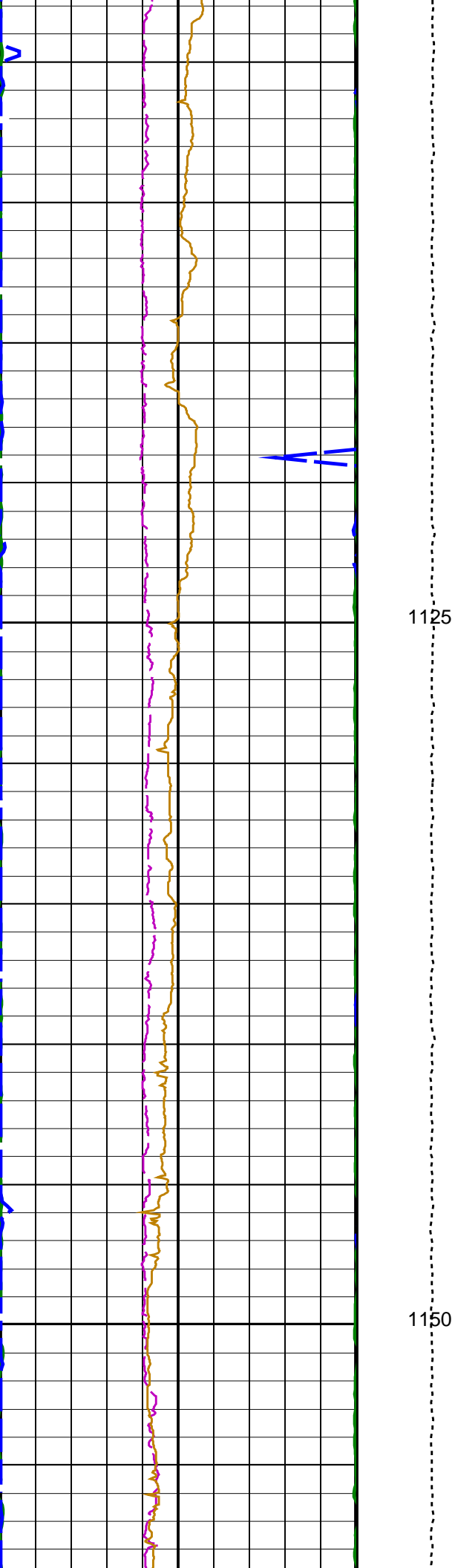
1000

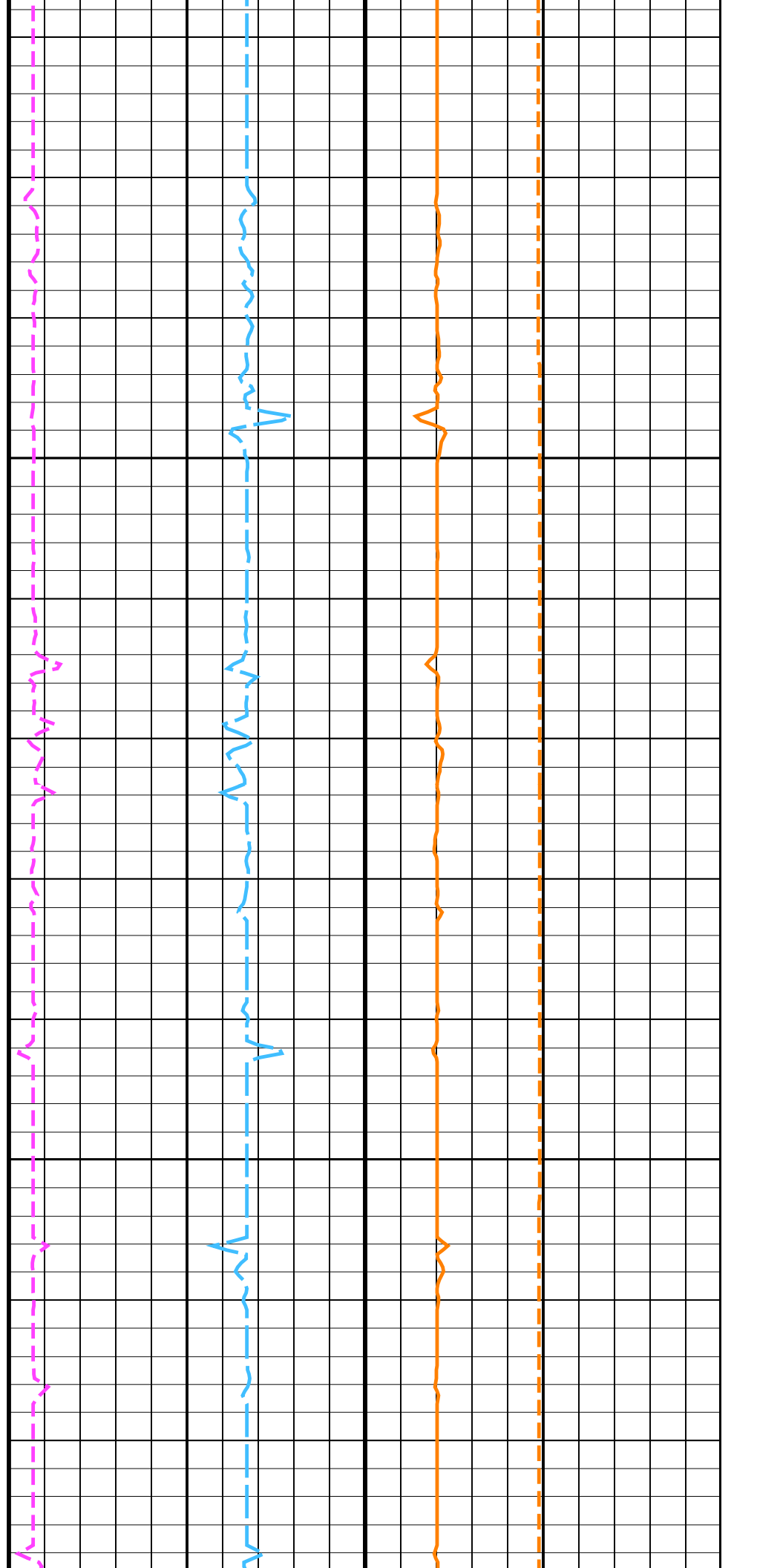
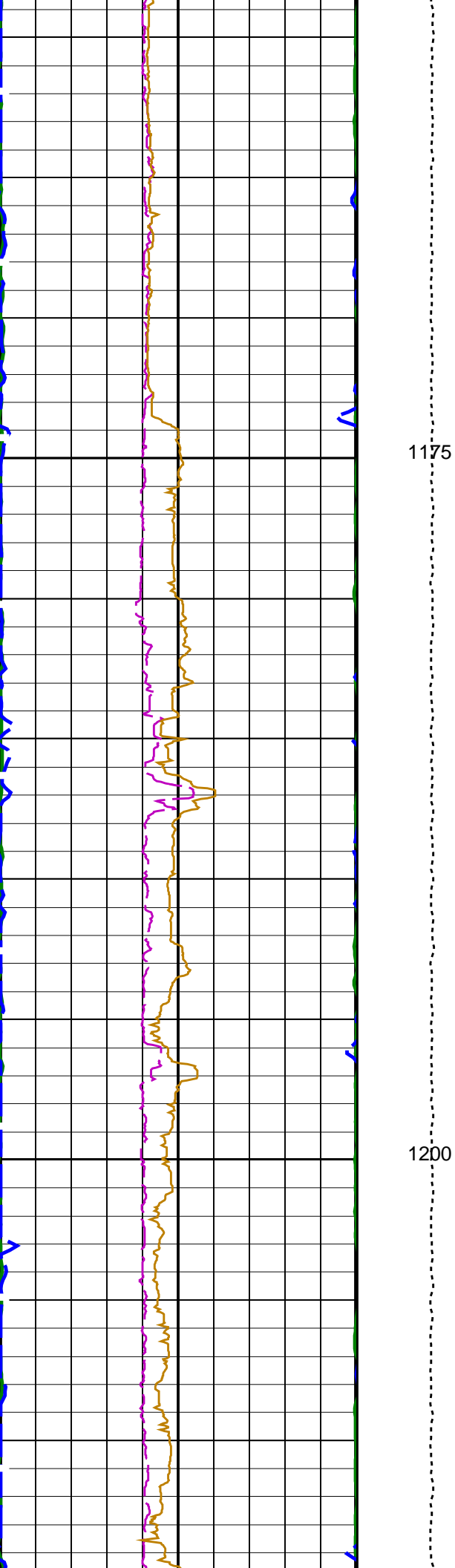
1025

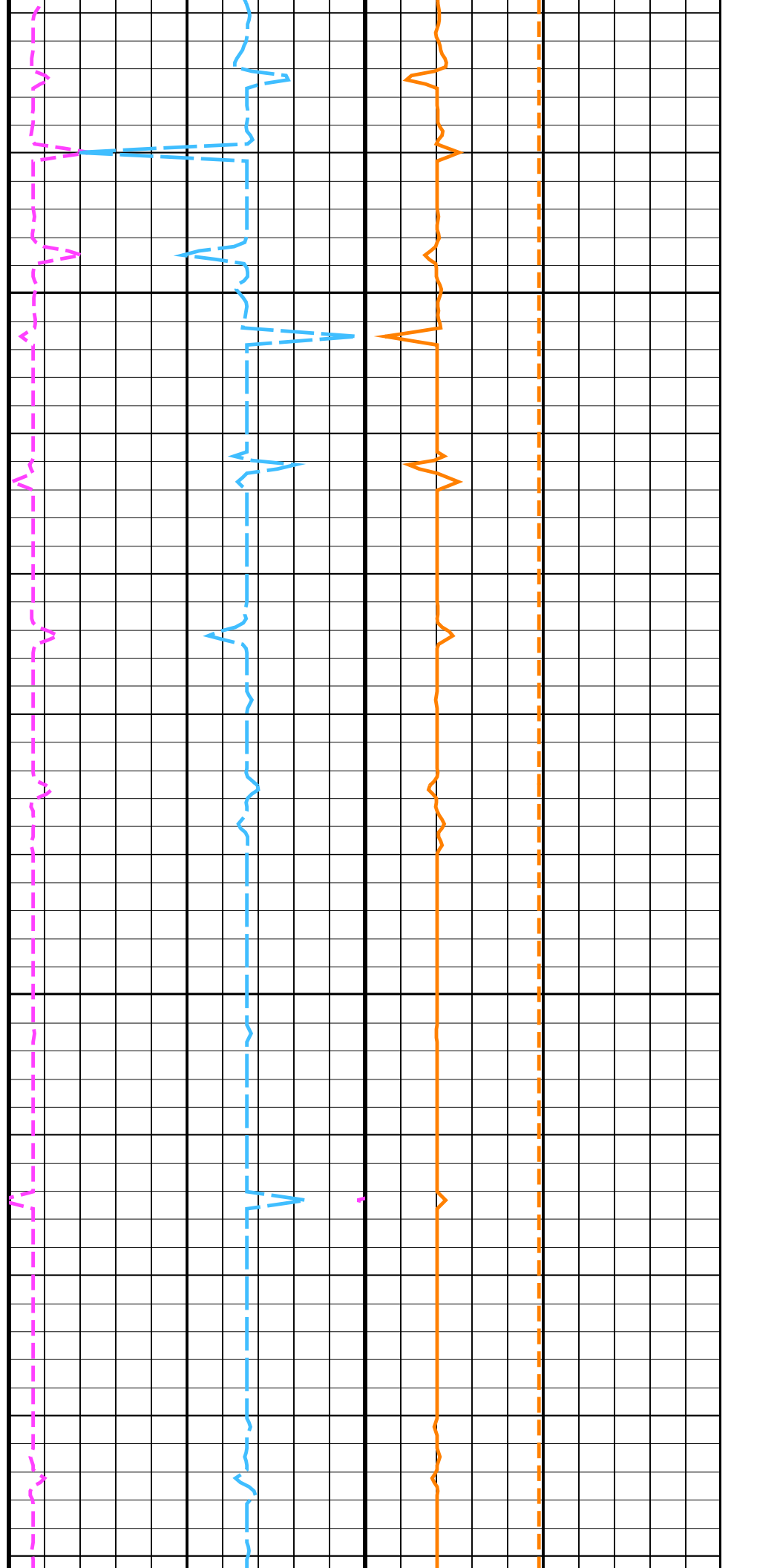
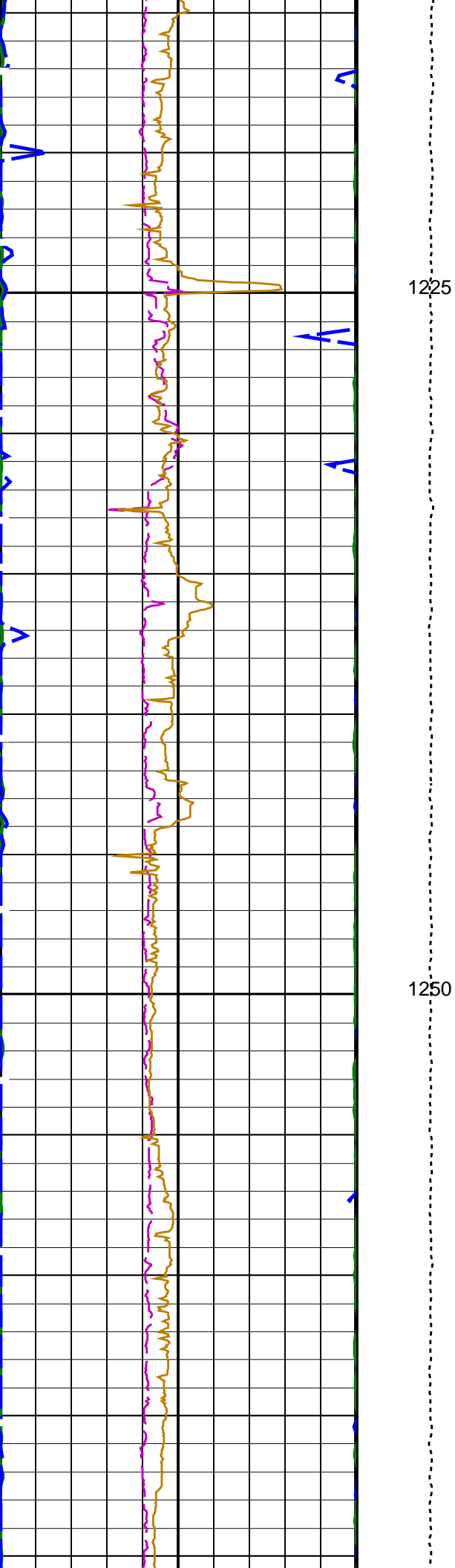


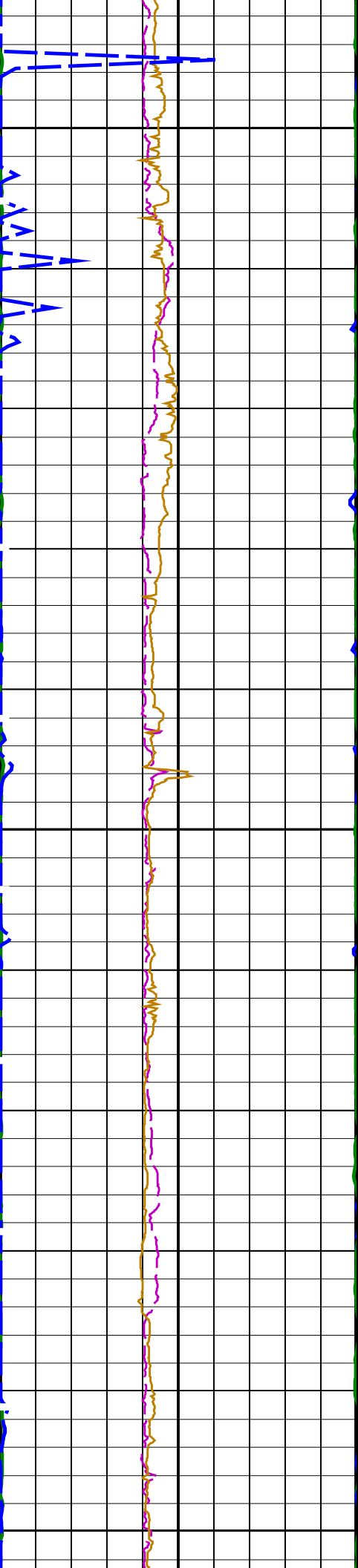








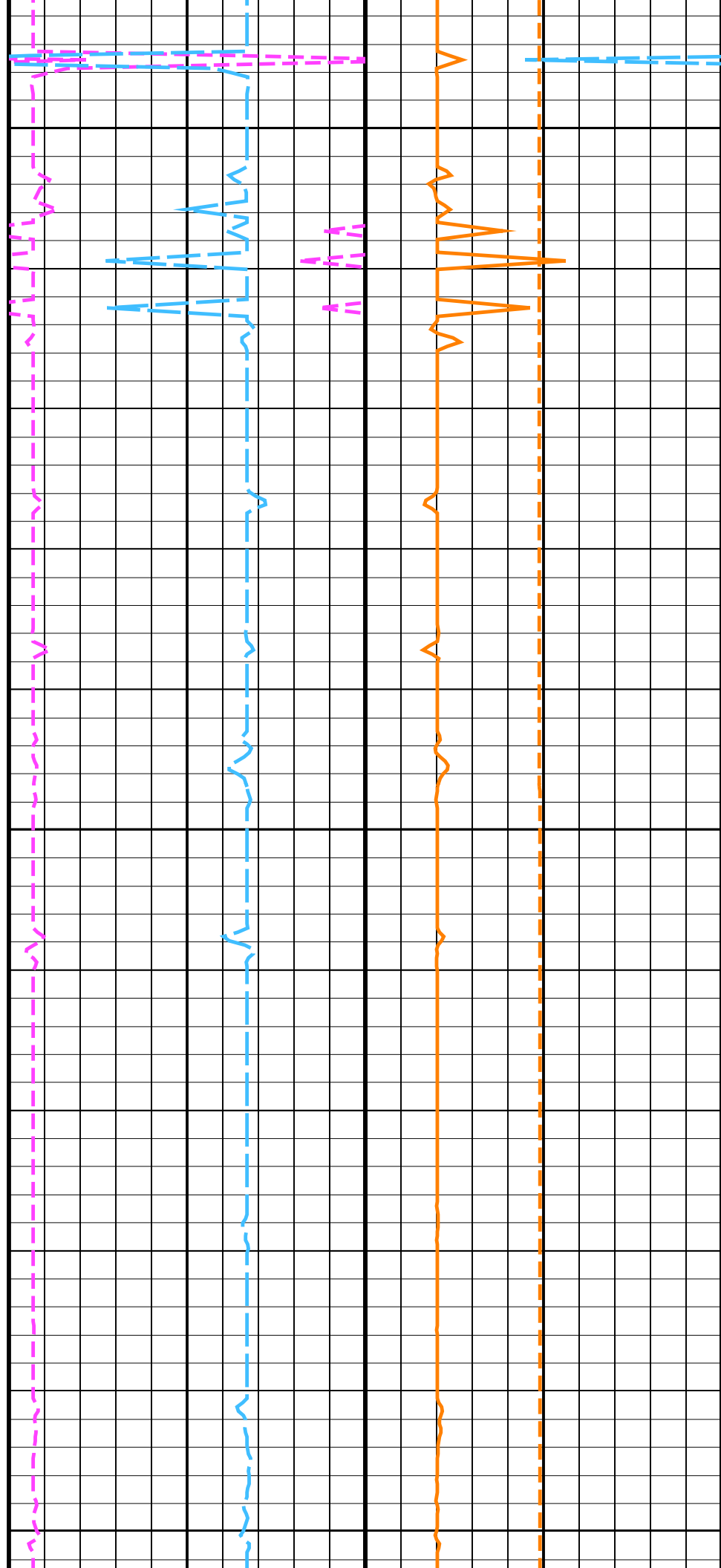


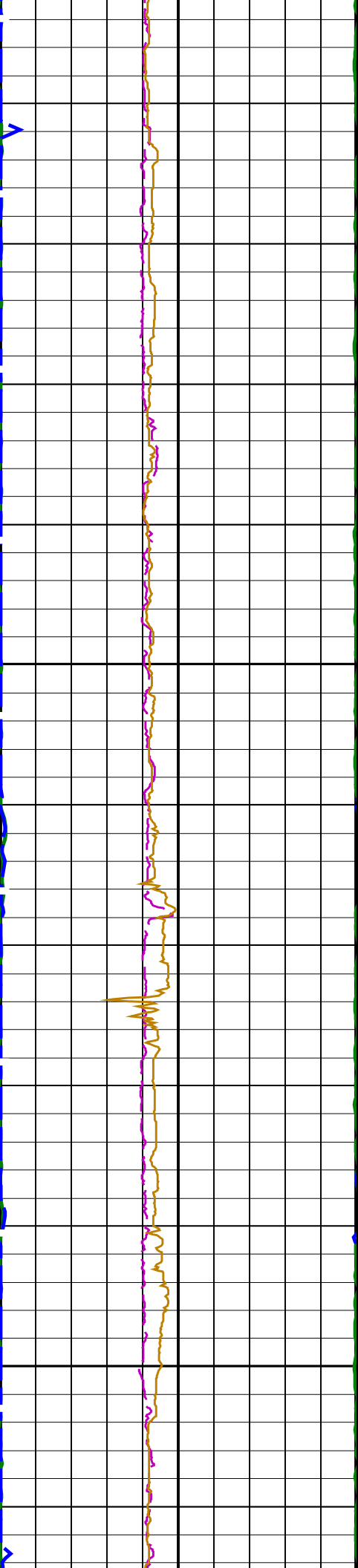


1275

1300

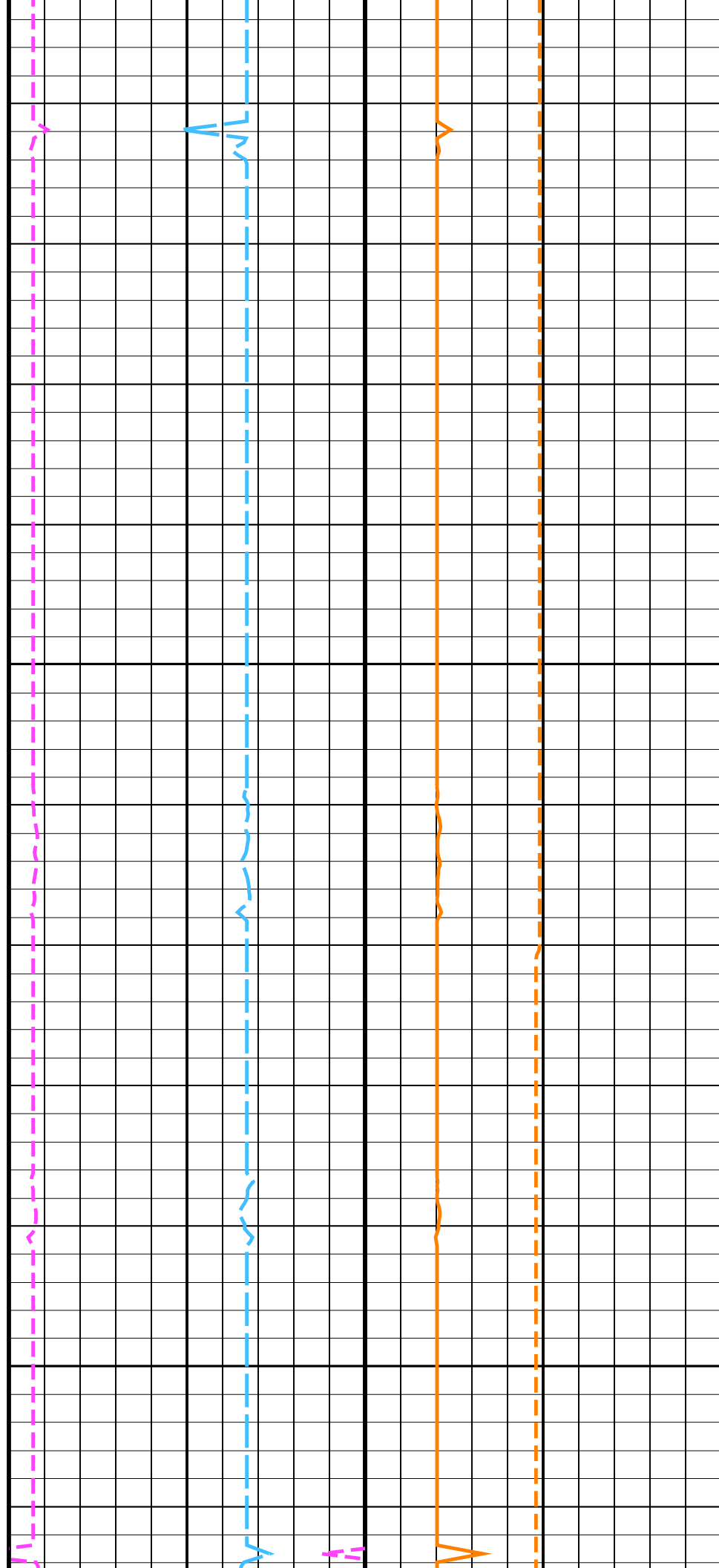
1325

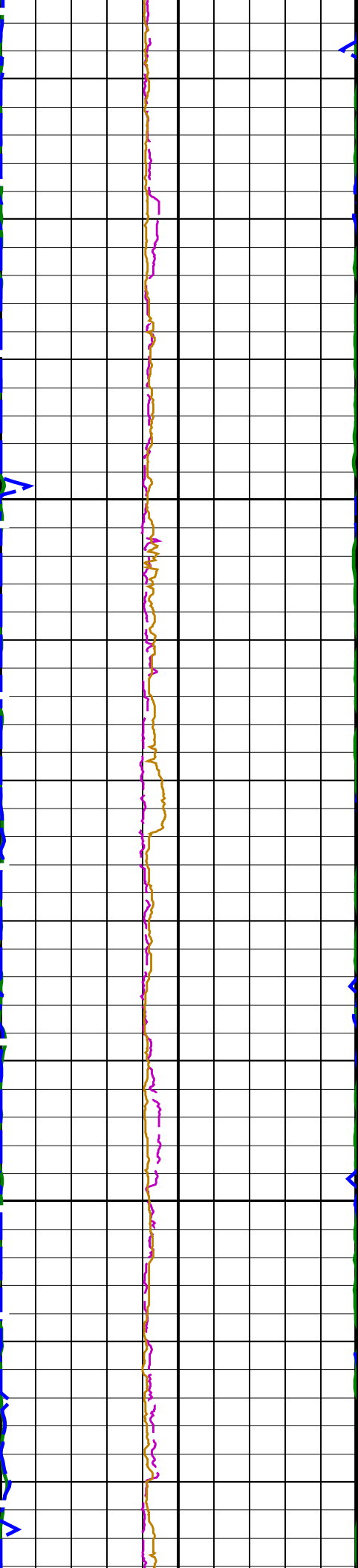




1350

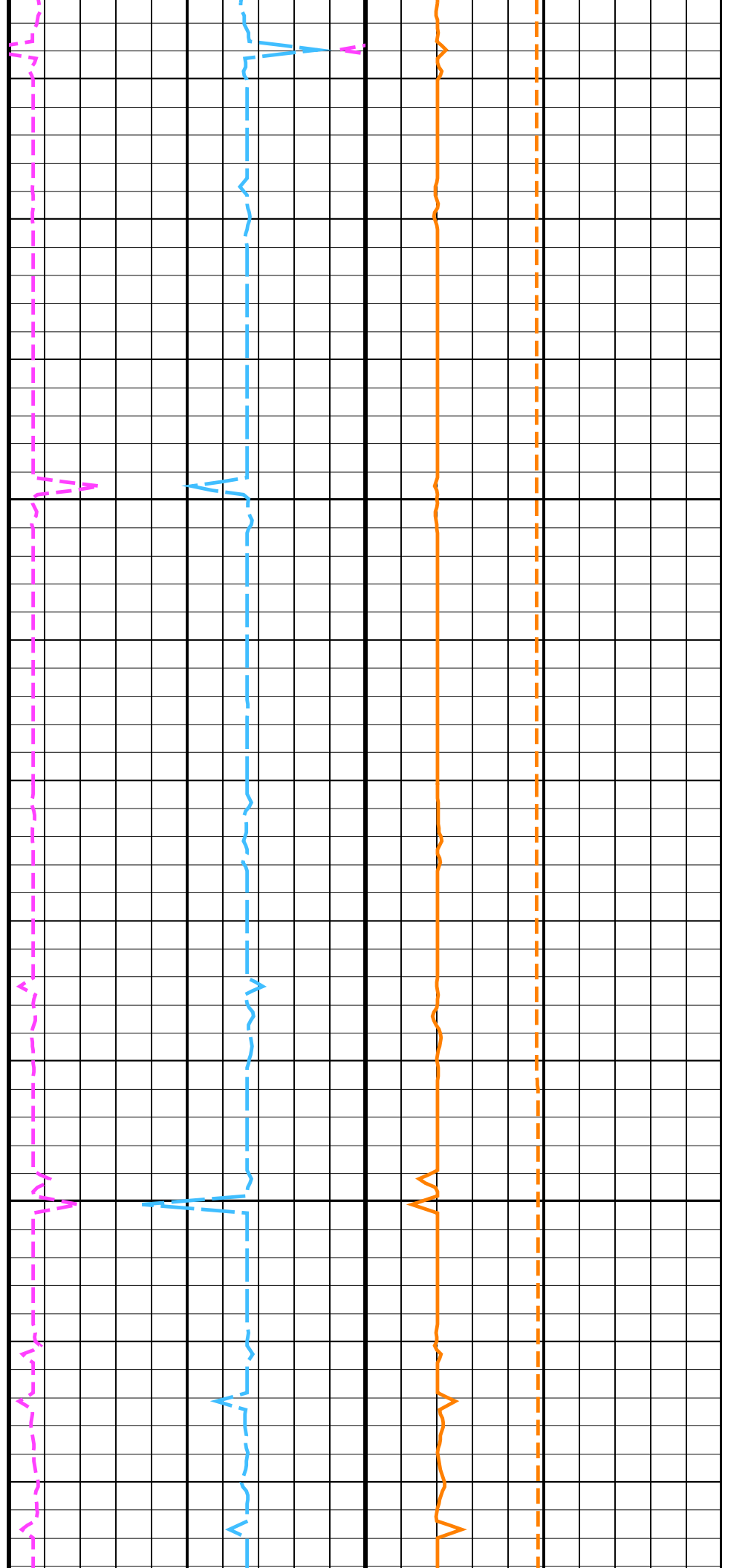
1375

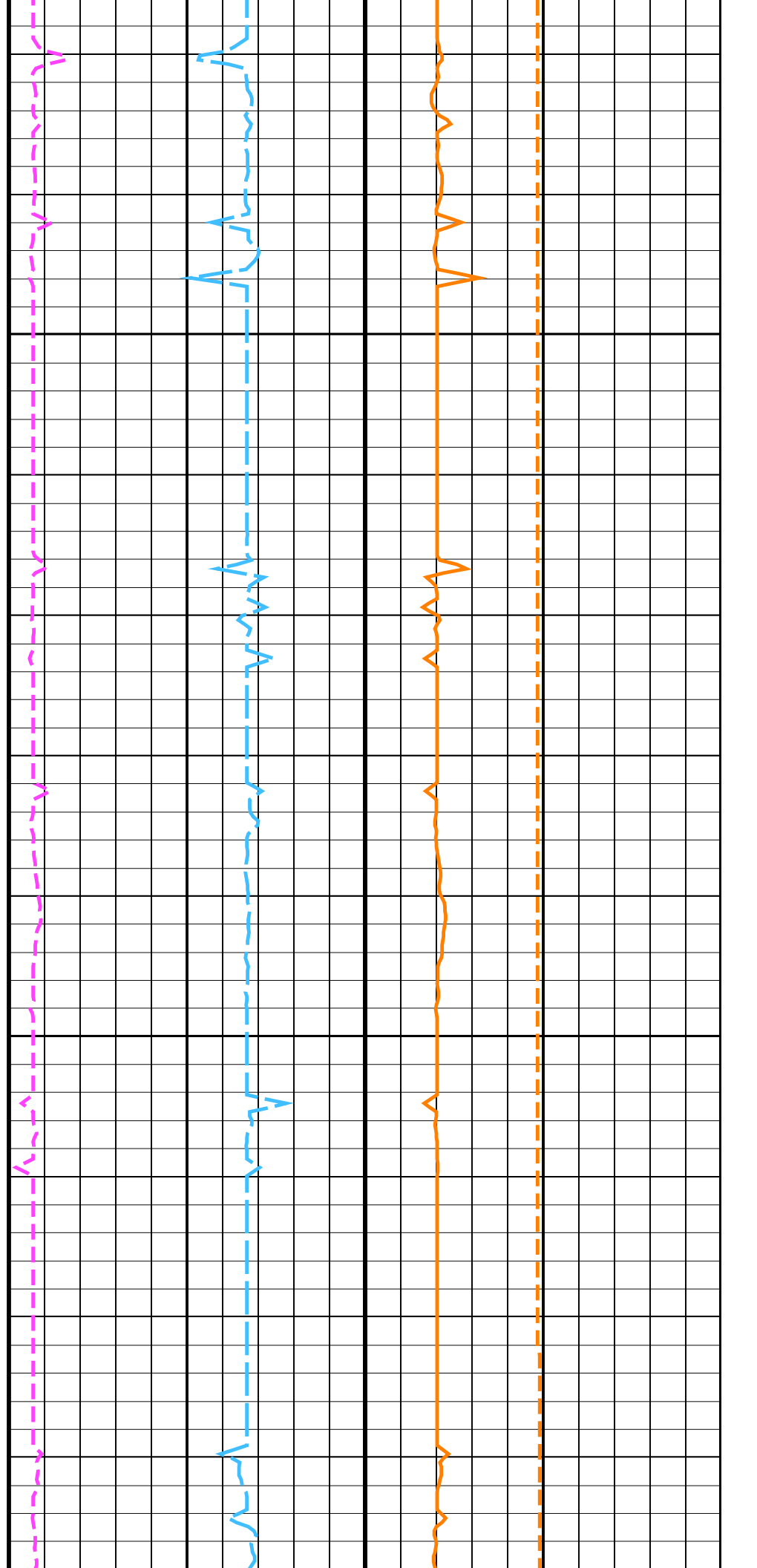
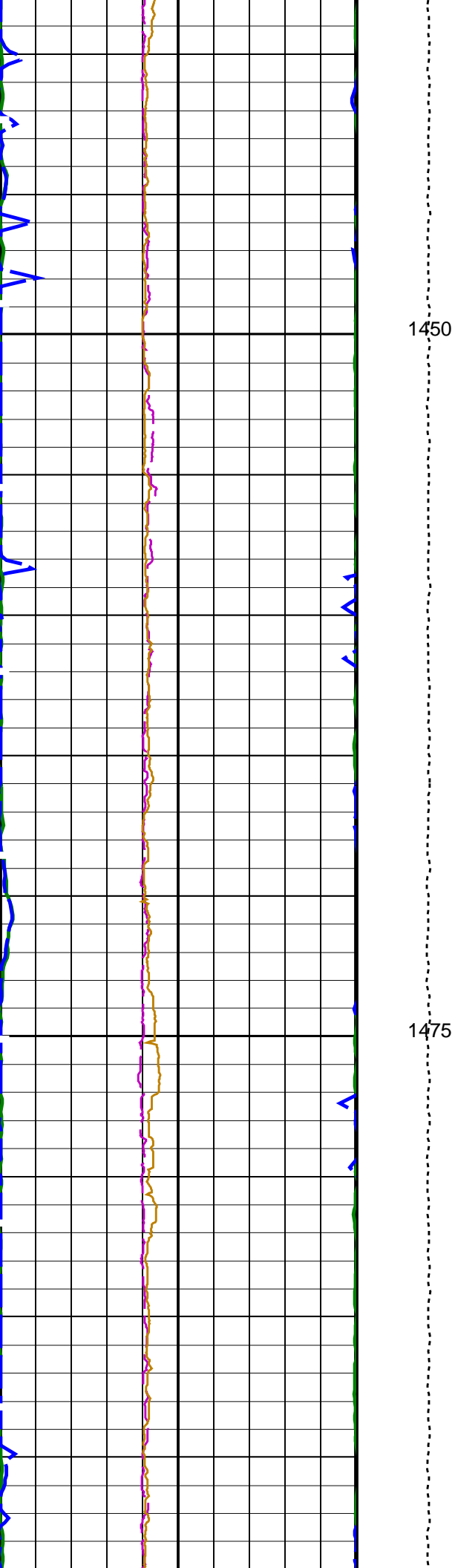


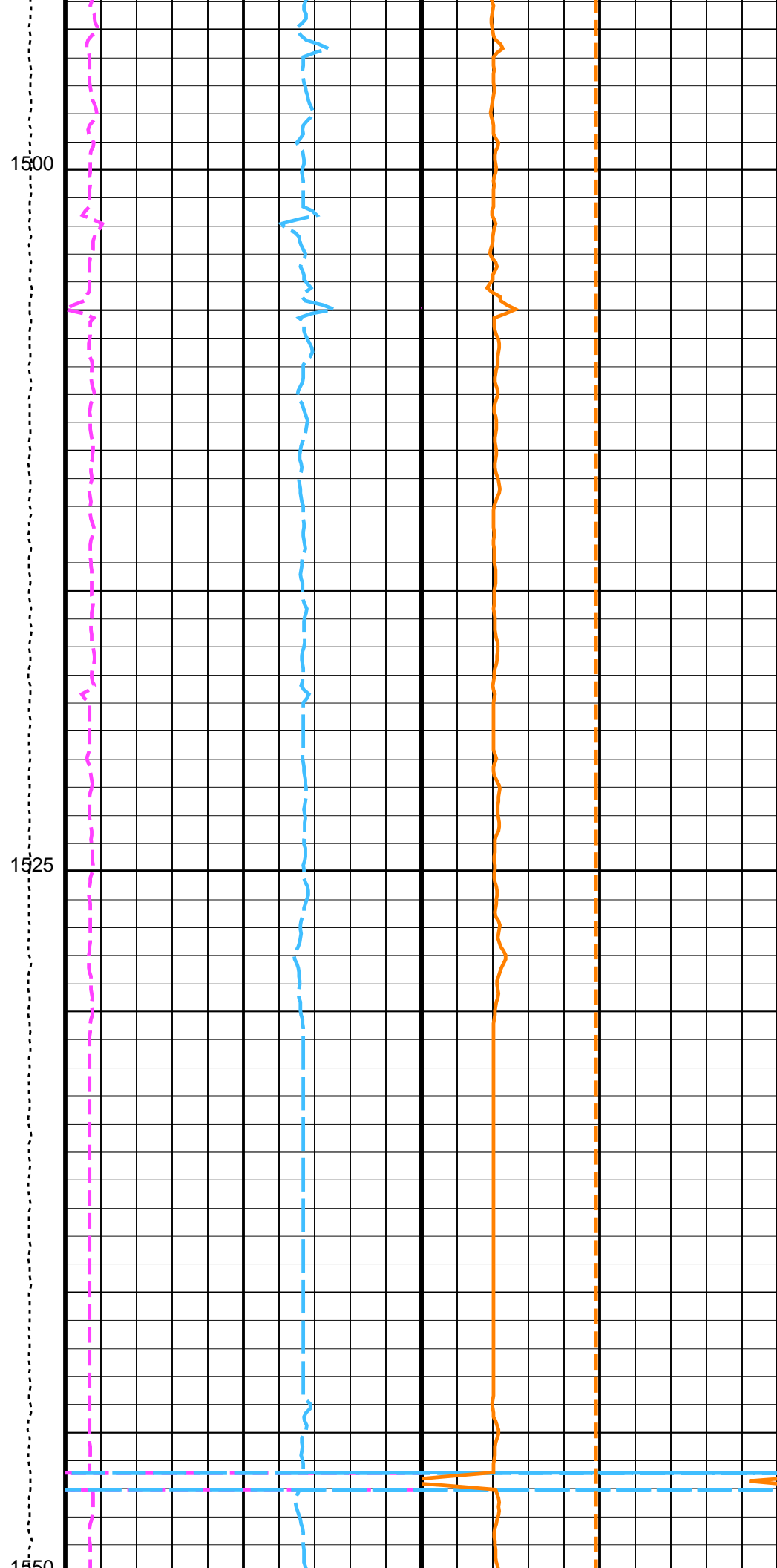
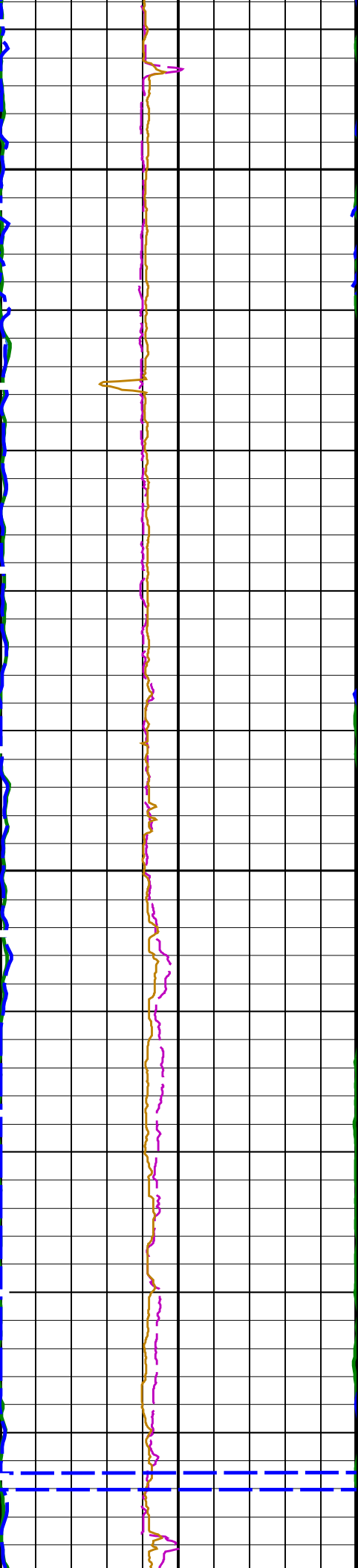


1400

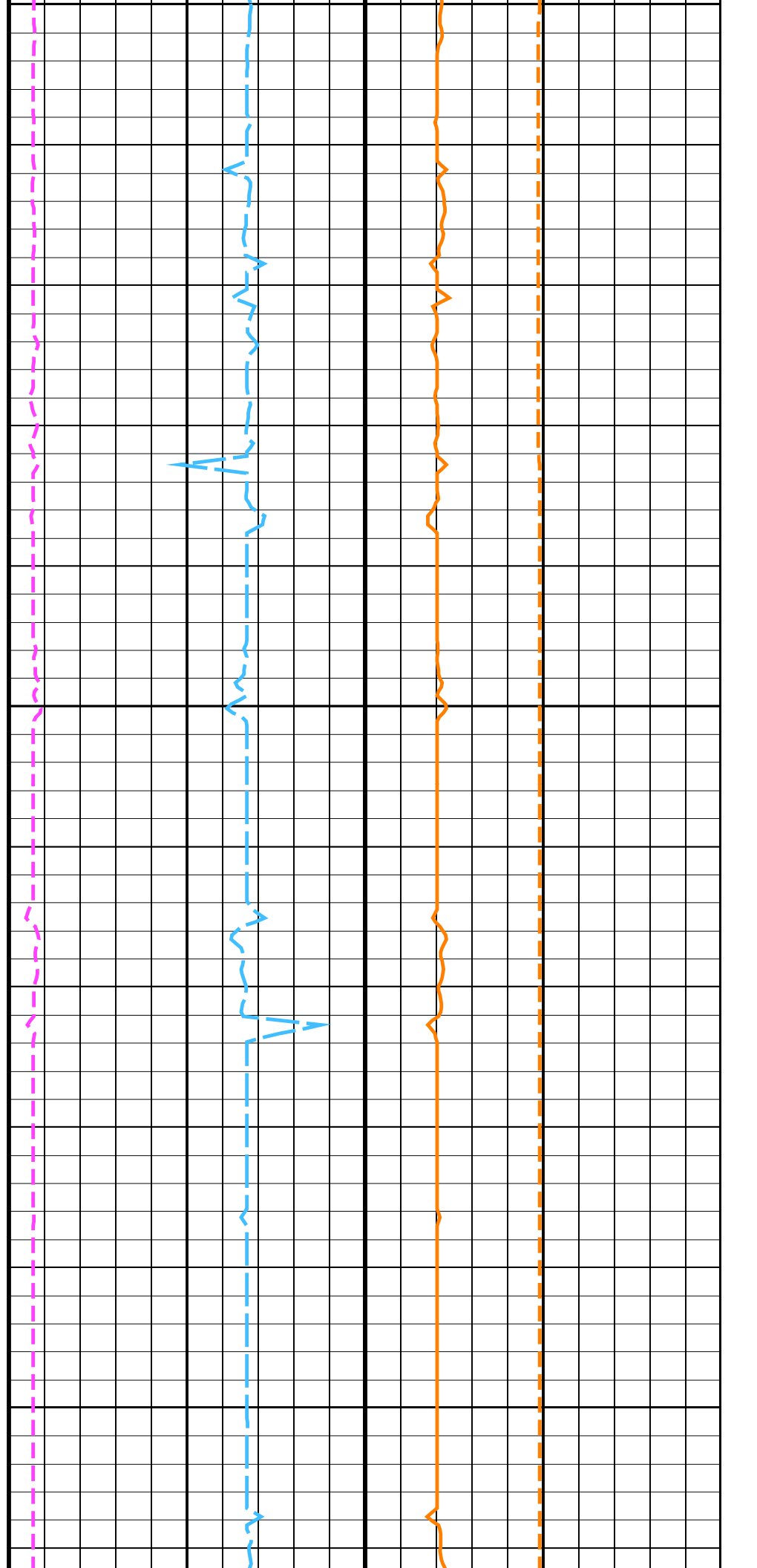
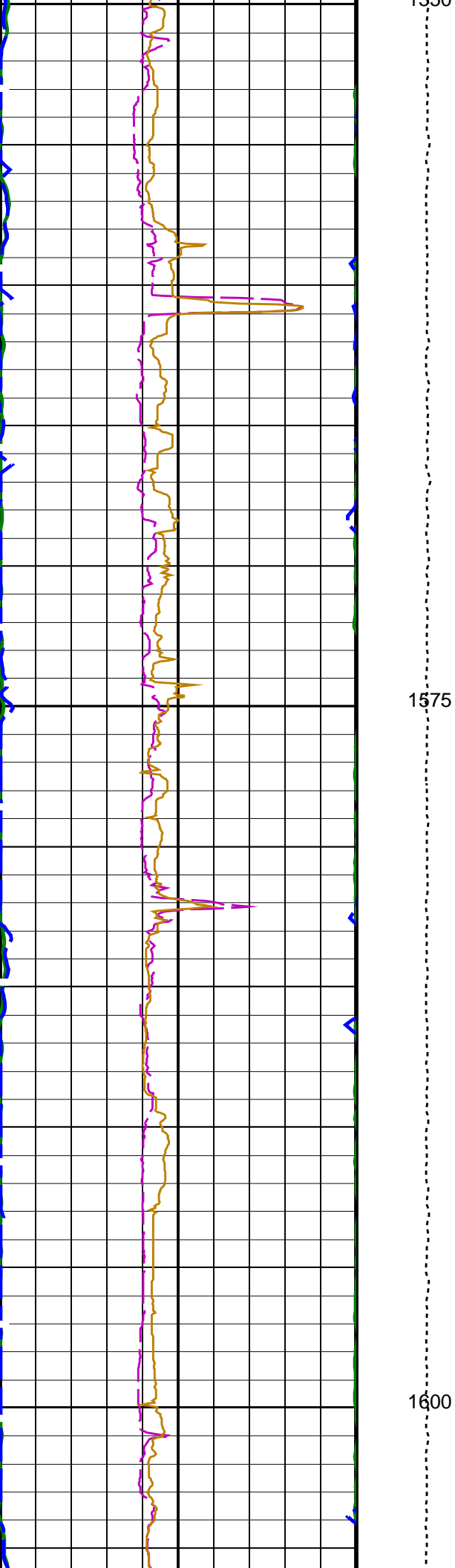
1425

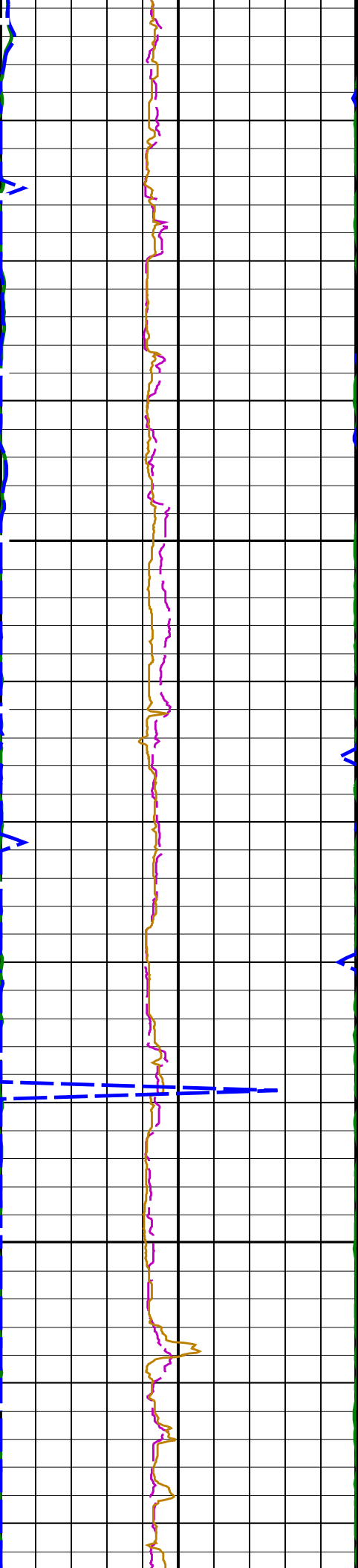






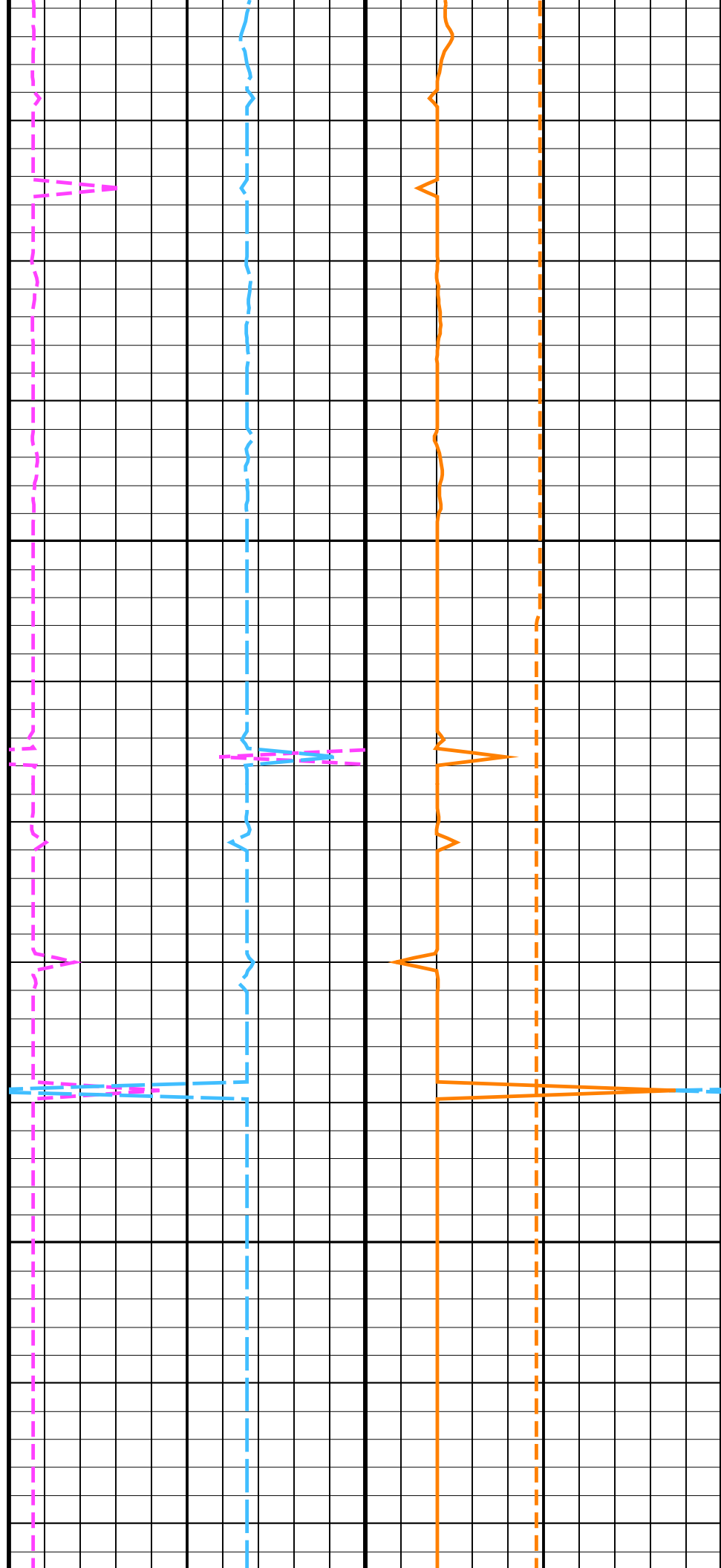


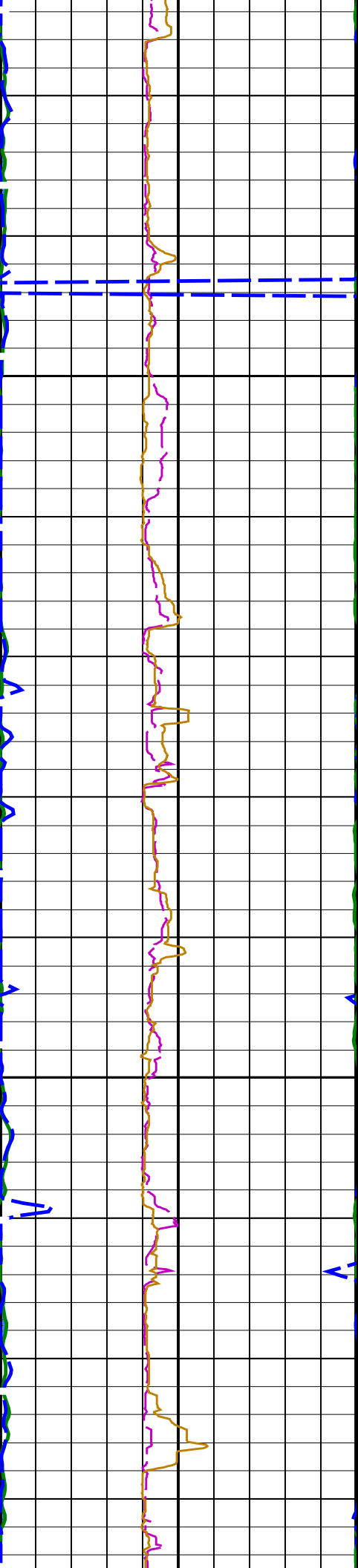




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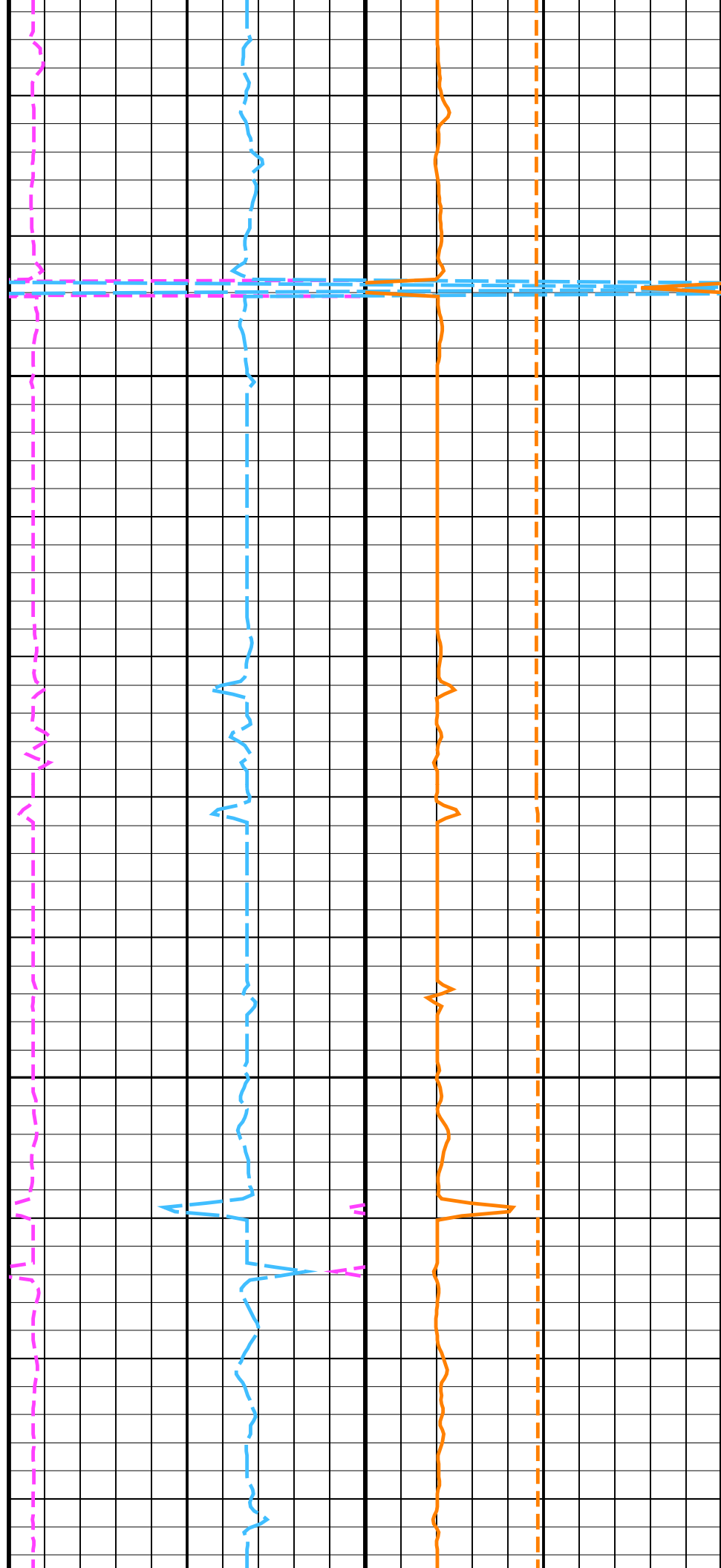
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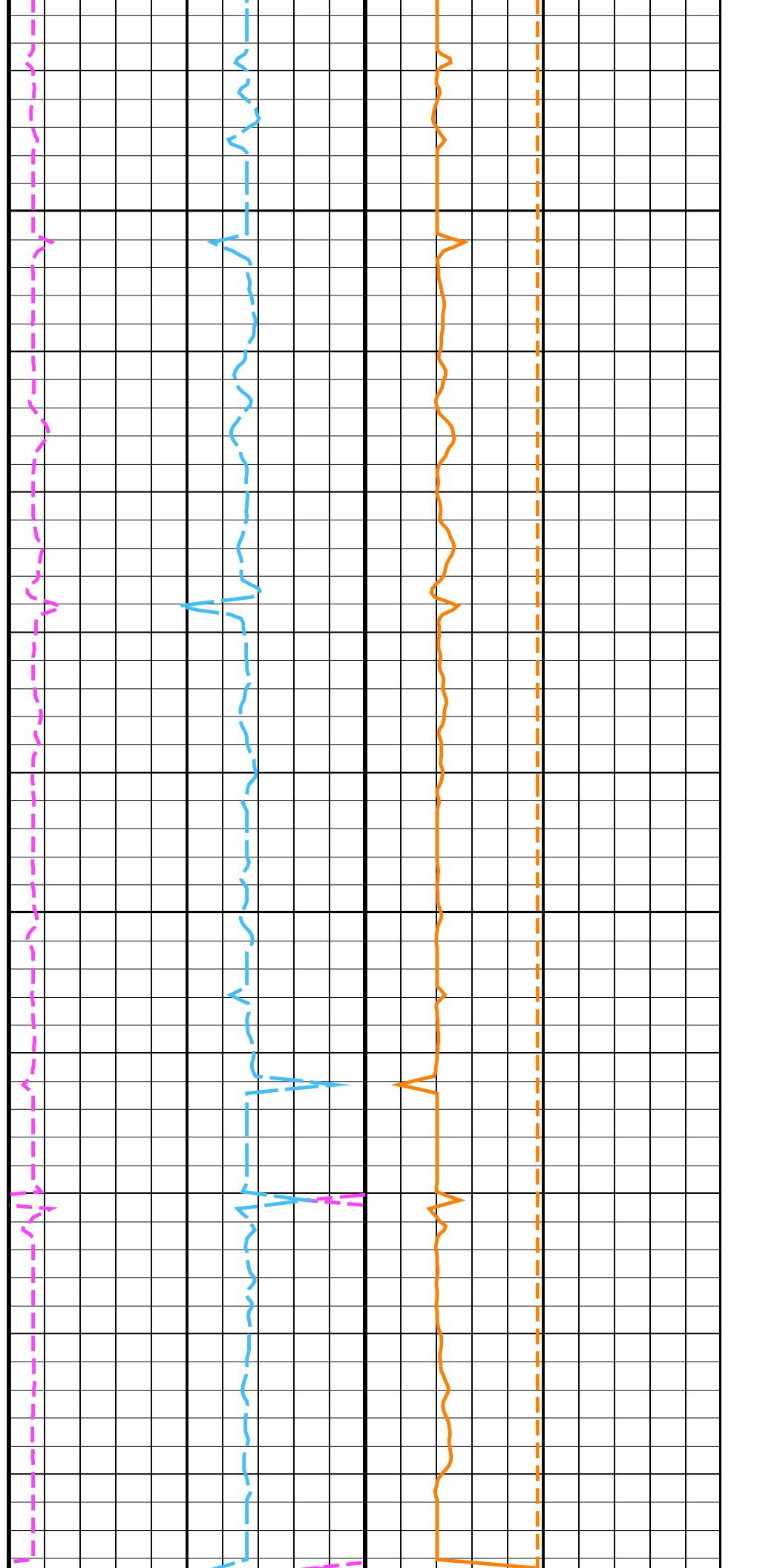
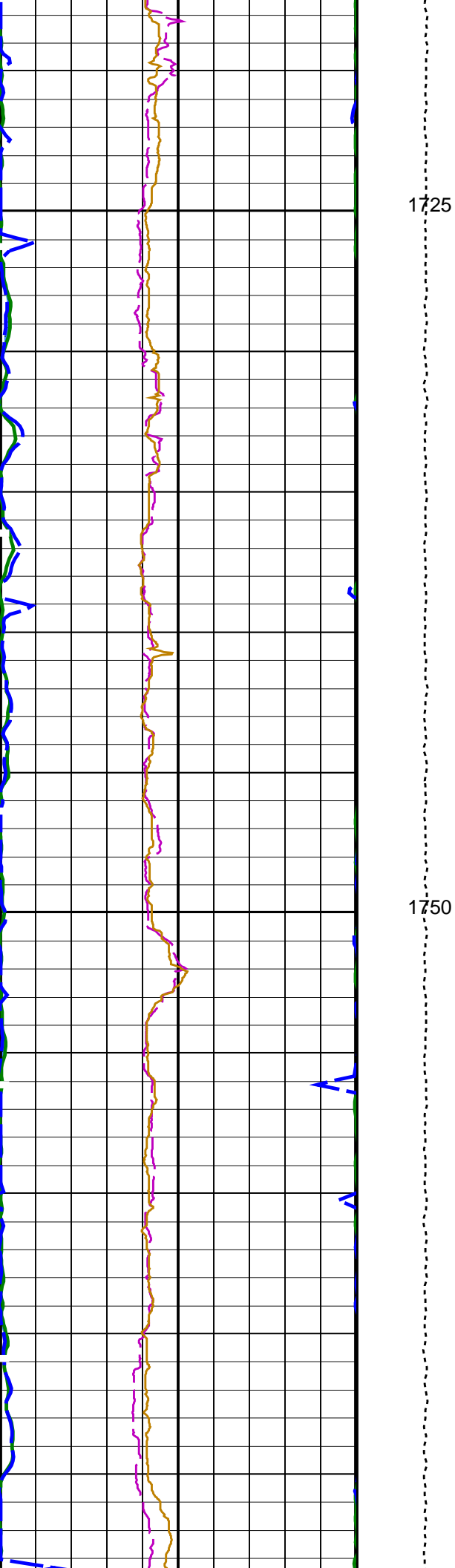


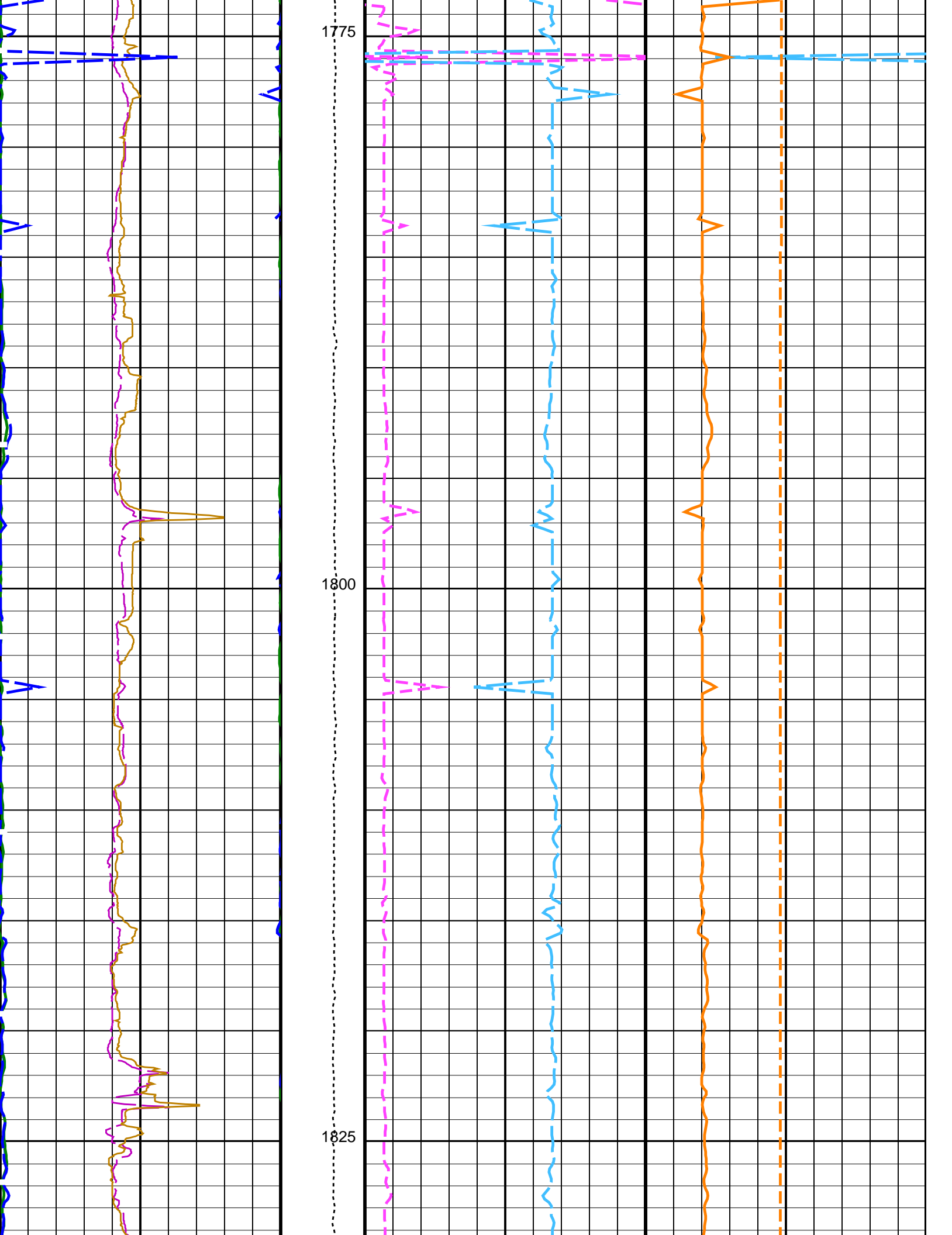


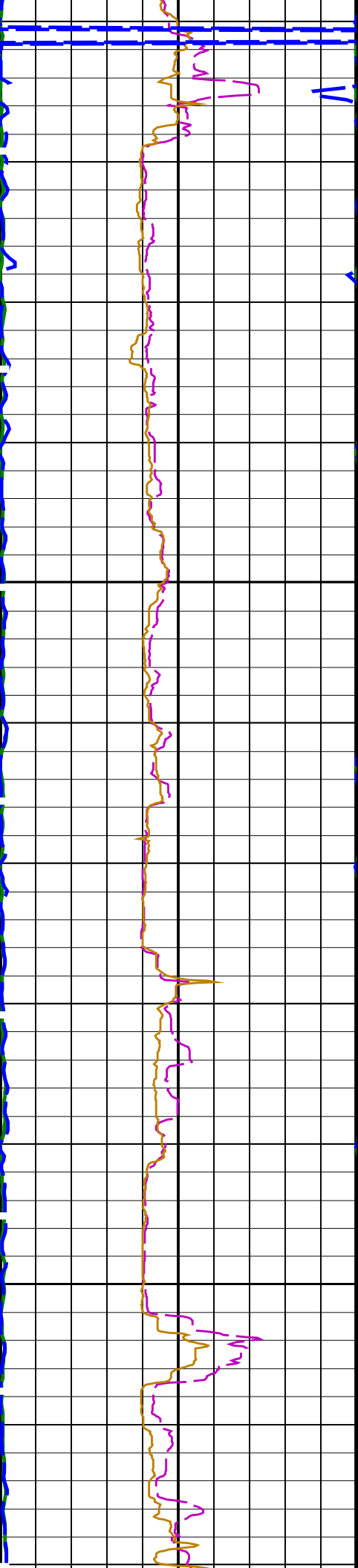
1675

1700



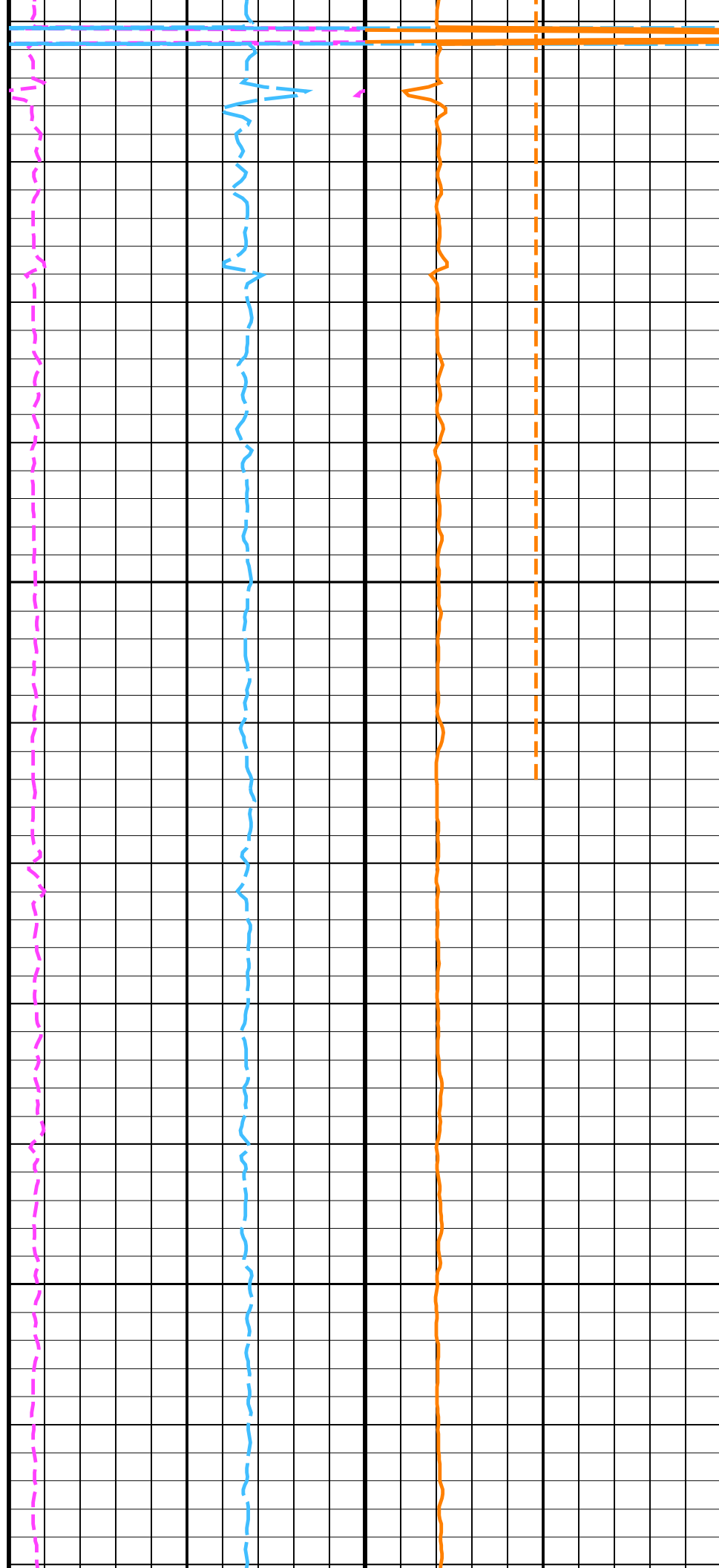


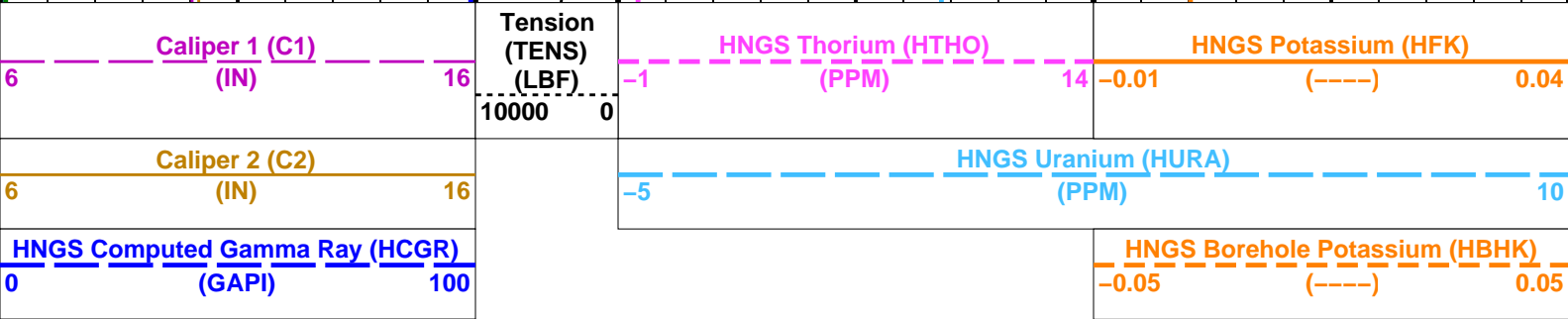
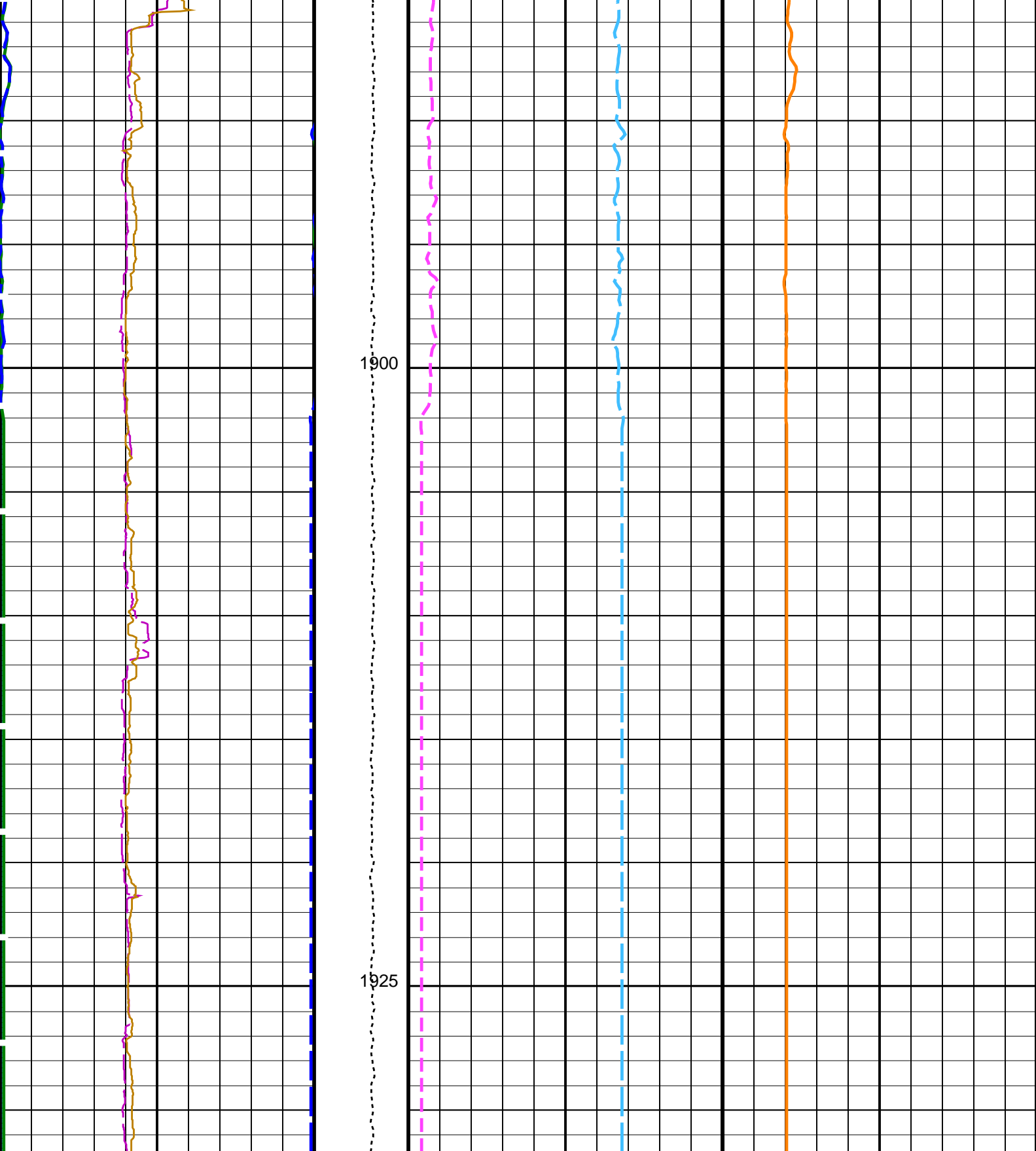




1850

1875





Area 1 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	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	-0.00168227			
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	ECCE			
VBA1		HNGS Detector 1 Variable Barite Factor Running Average	3.54669			
VBA2		HNGS Detector 2 Variable Barite Factor Running Average	2.01228			
EDTC-B: Enhanced DTS Cartridge						
BHS		Borehole Status	OPEN			
GCSE		Generalized Caliper Selection	BS			
System and Miscellaneous						
BS		Bit Size	9.875	IN		
DO		Depth Offset for Playback	0.0	M		
PP		Playback Processing	NORMAL			

Format: HNGSYields	Vertical Scale: 1:200	Graphics File Created: 30-May-2023 17:00				
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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		

Input DLIS Files						
DEFAULT	FMS_DSI_NGS_096LUP	FN:92	PRODUCER	27-May-2023 16:41	1931.7 M	932.1 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_122PUP	FN:116	PRODUCER	30-May-2023 17:00		

Input DLIS Files						
DEFAULT	FMS_DSI_NGS_096LUP	FN:92	PRODUCER	27-May-2023 16:41	1931.7 M	932.1 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_122PUP	FN:116	PRODUCER	30-May-2023 17:00	1931.7 M	932.1 M

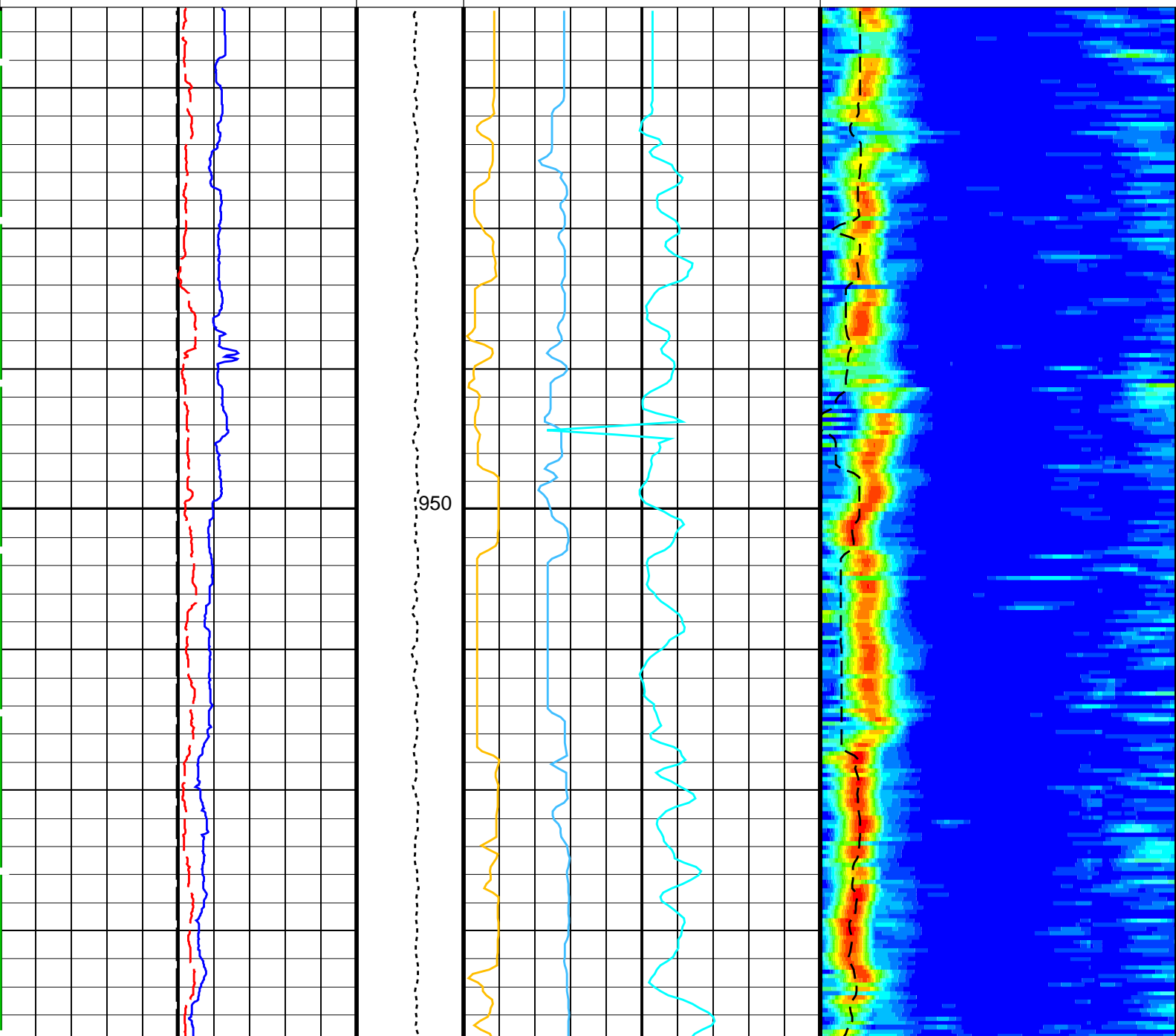
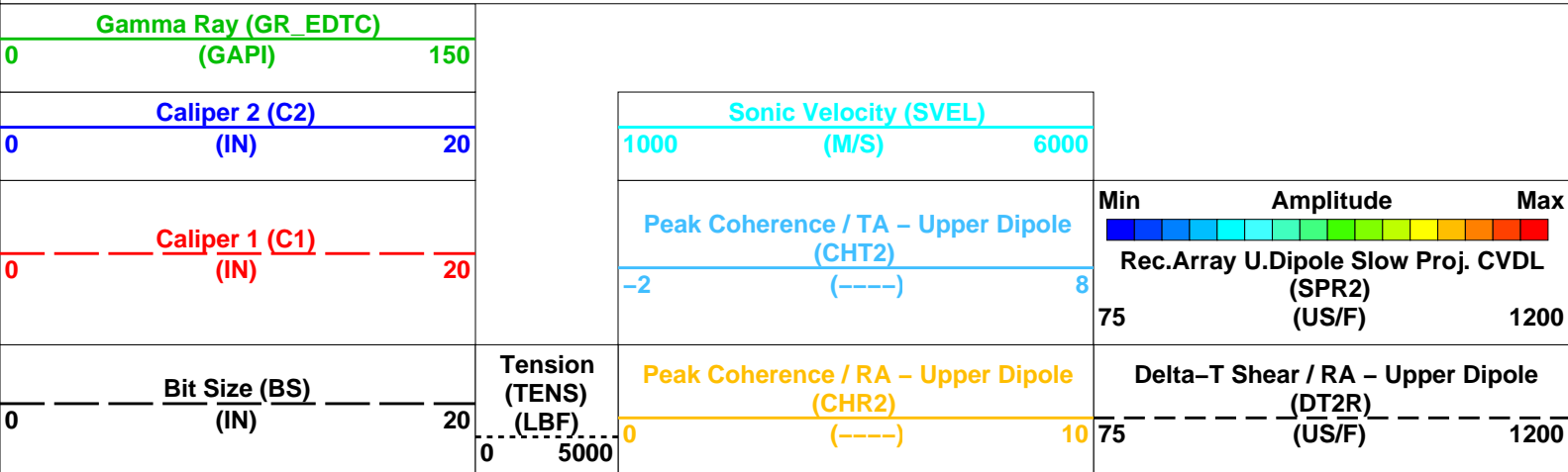
OP System Version: 19C0-187					
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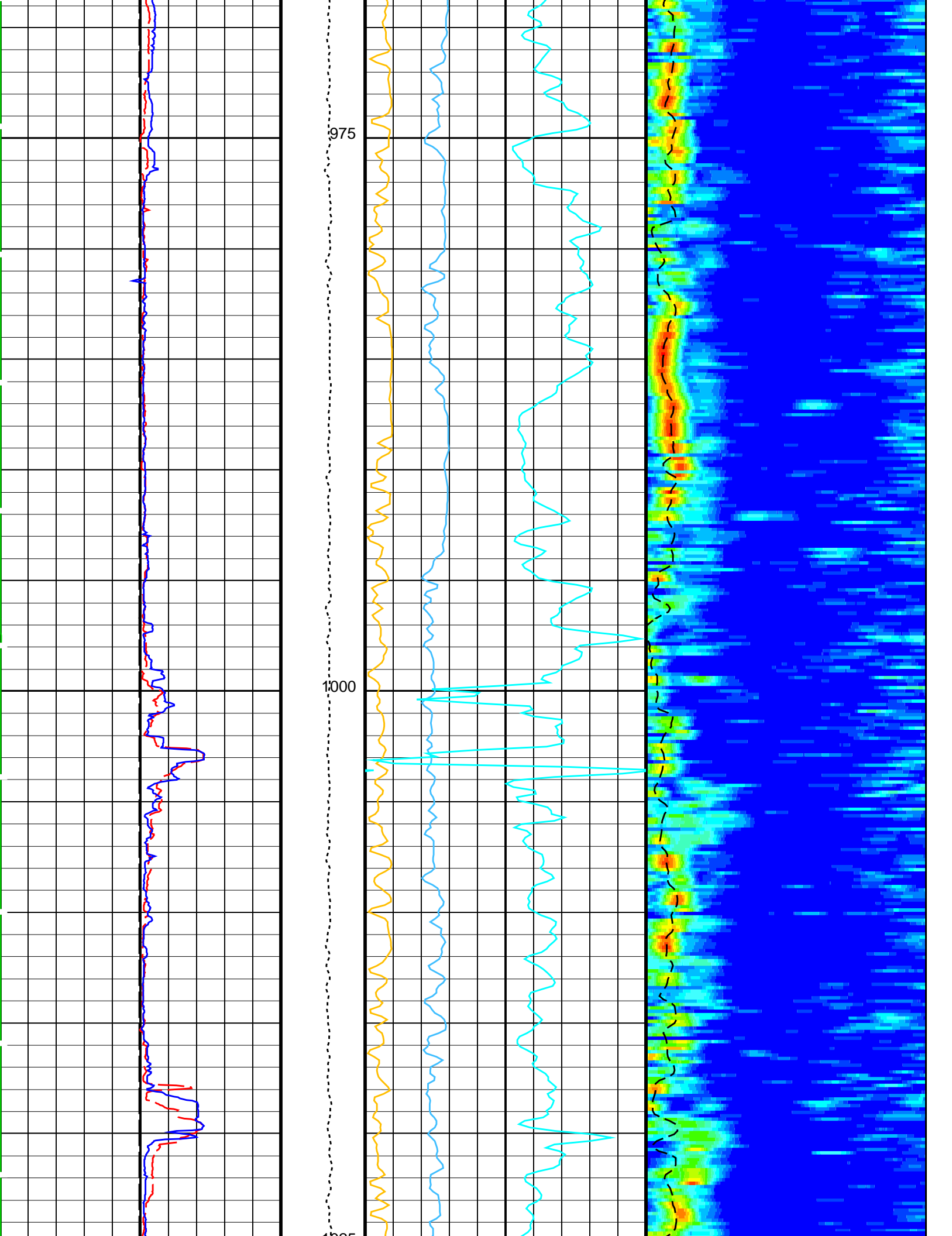


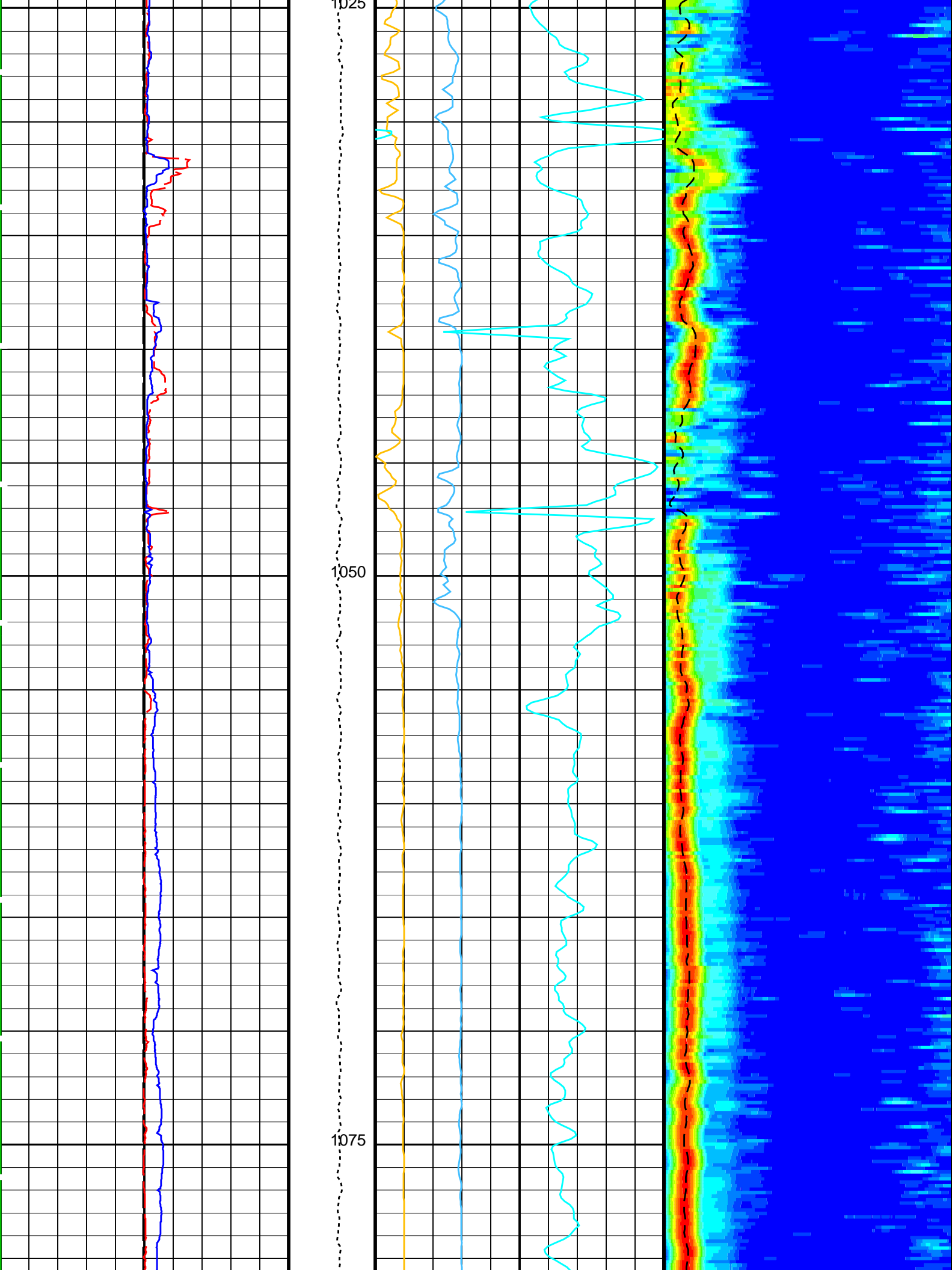
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

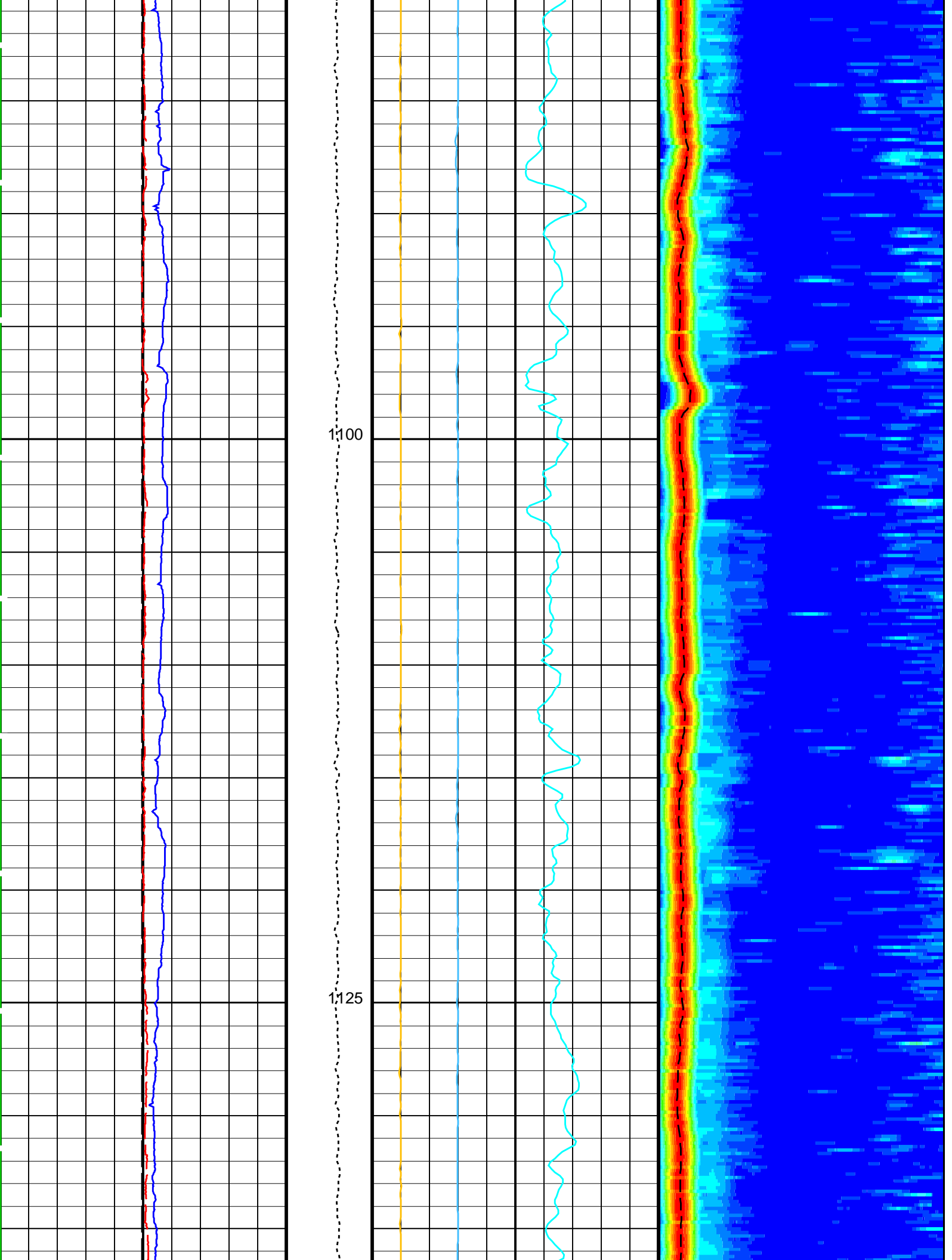
PIP SUMMARY

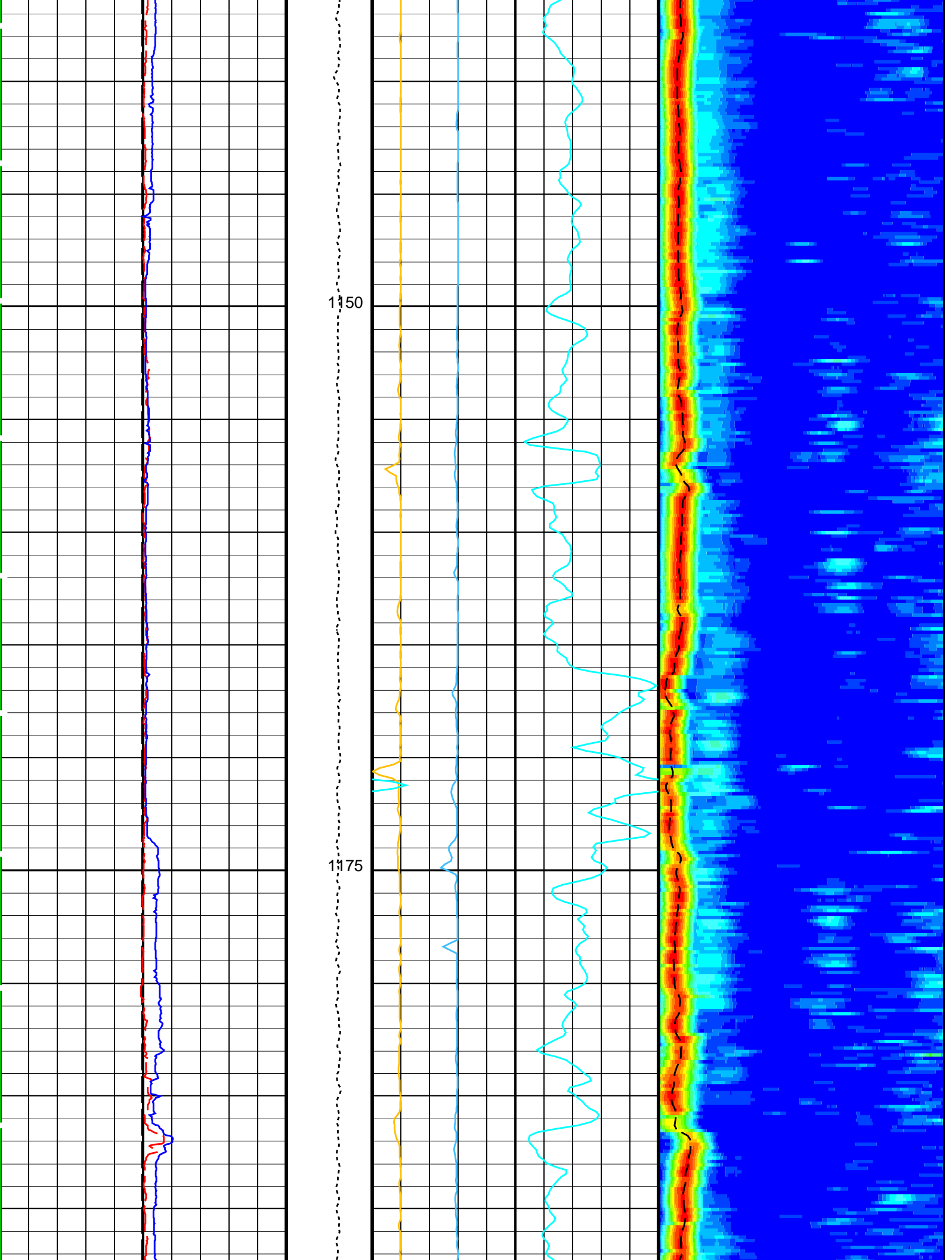
Time Mark Every 60 S

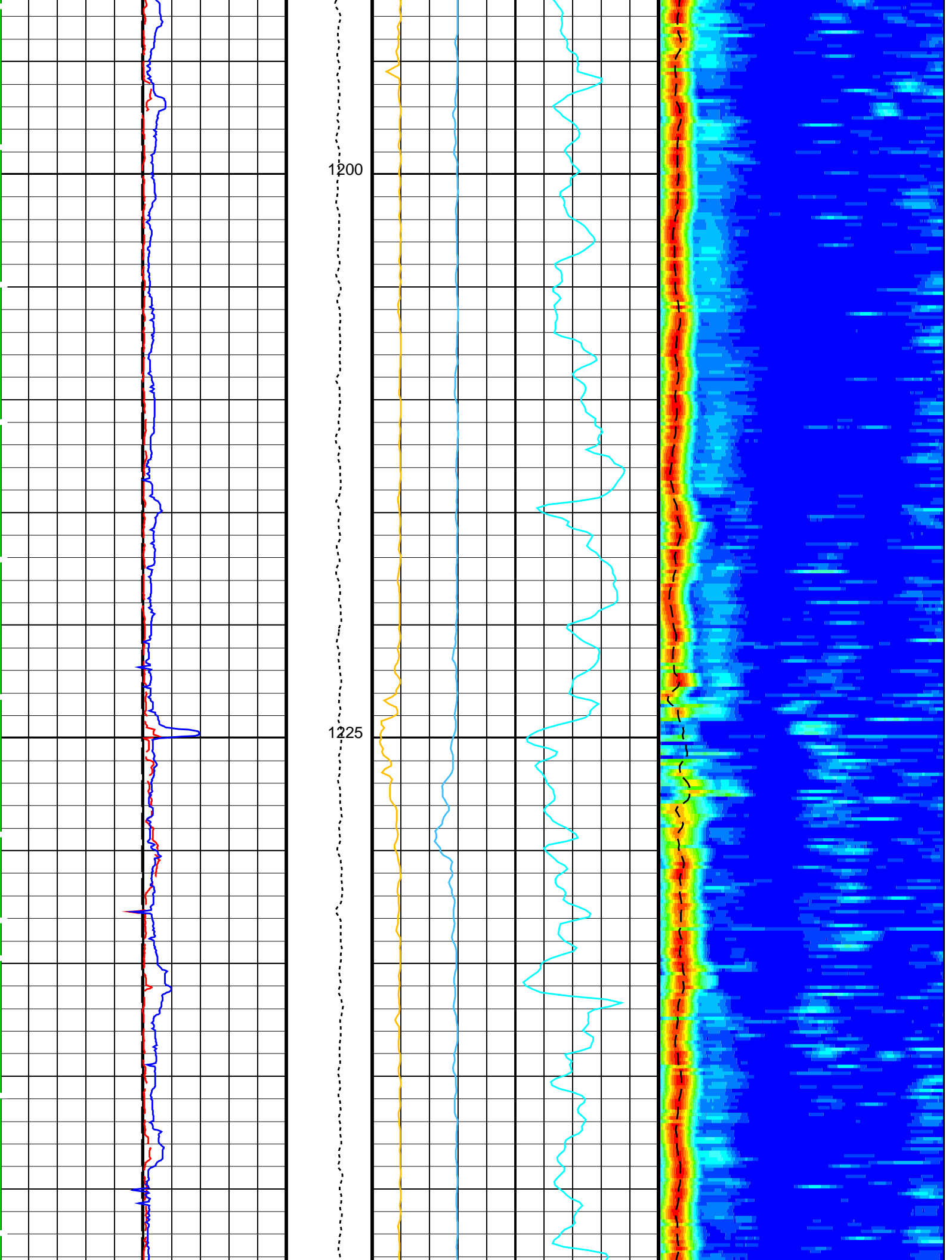


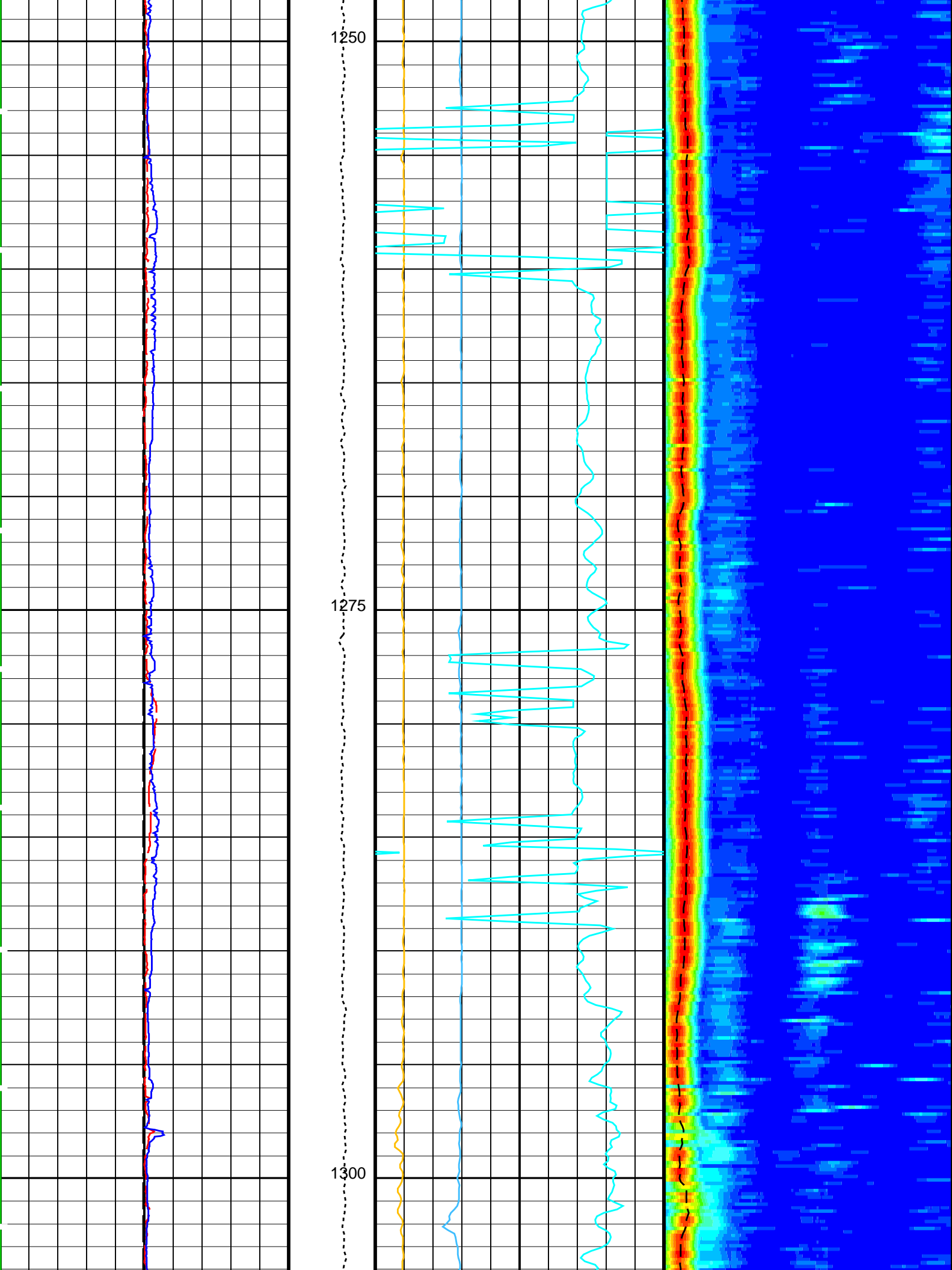


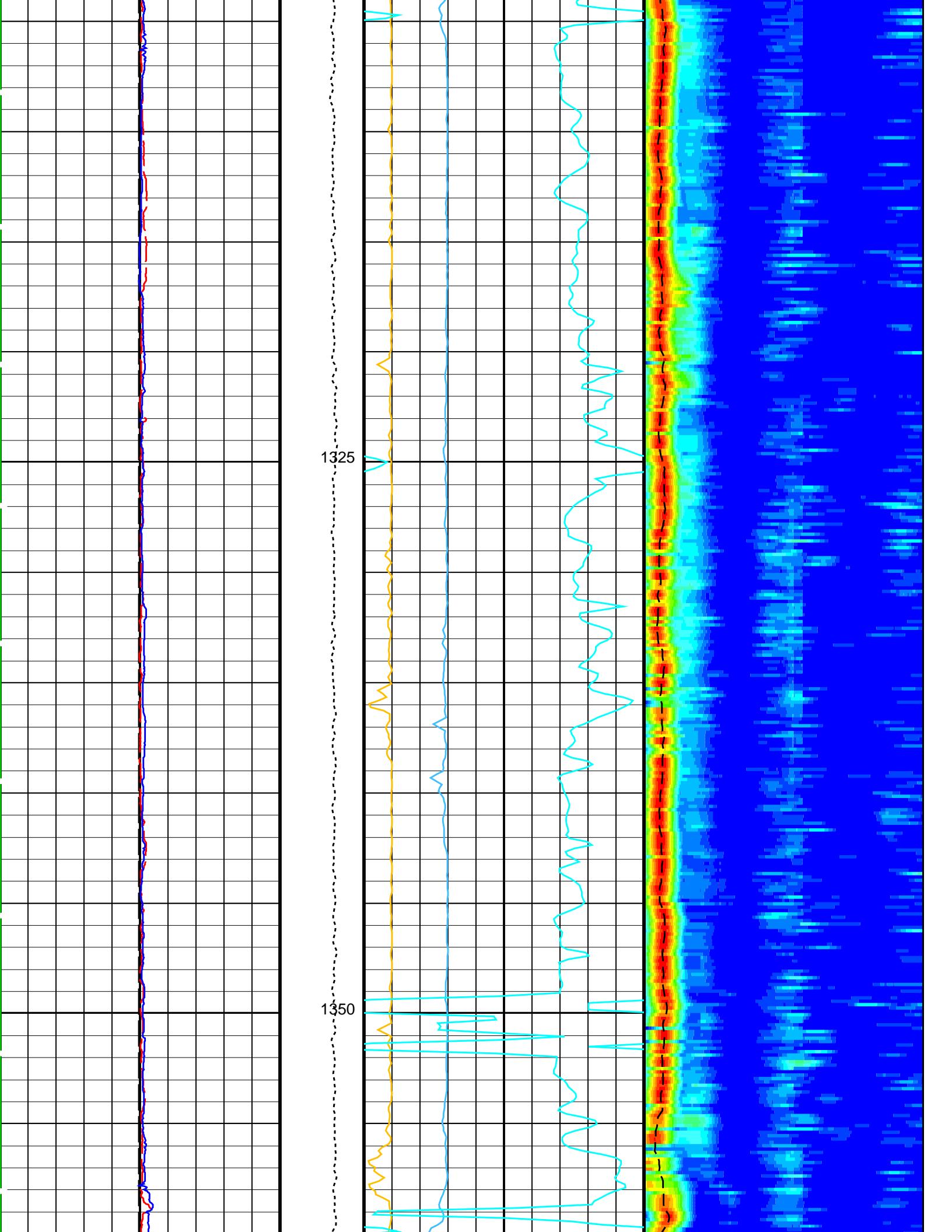




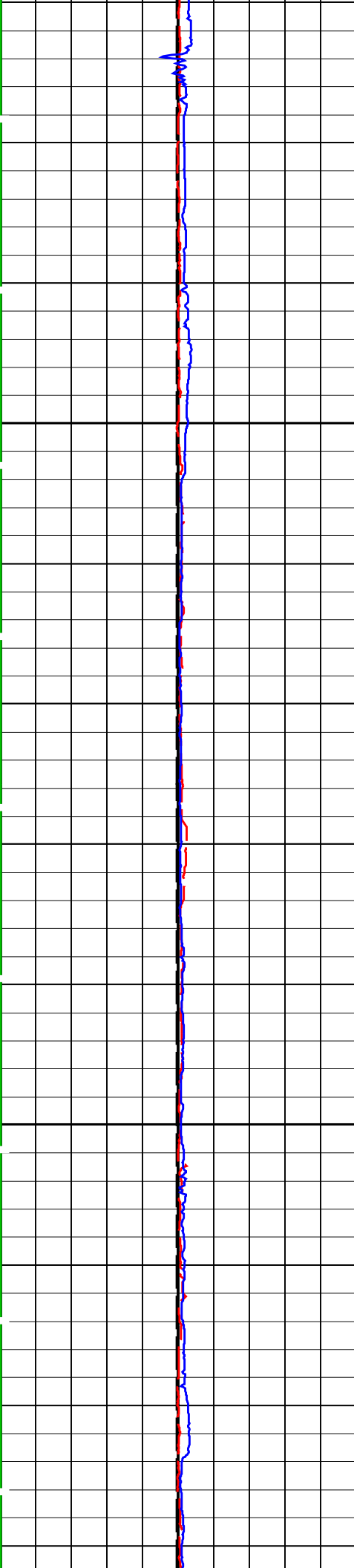






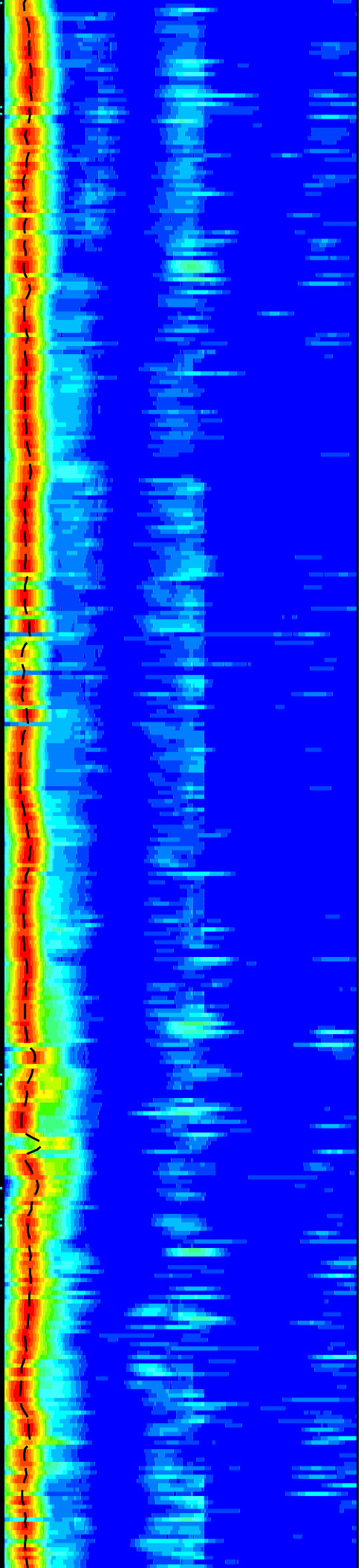
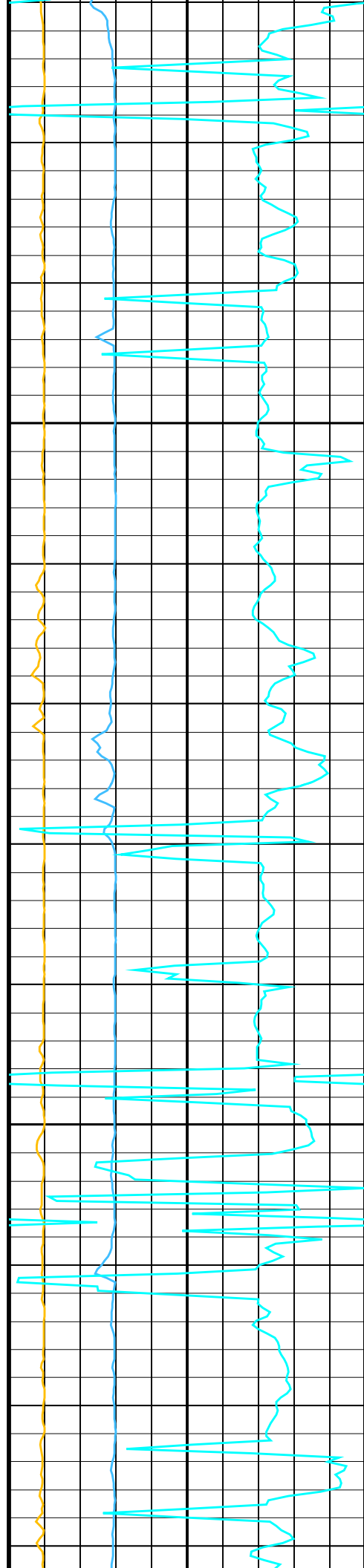


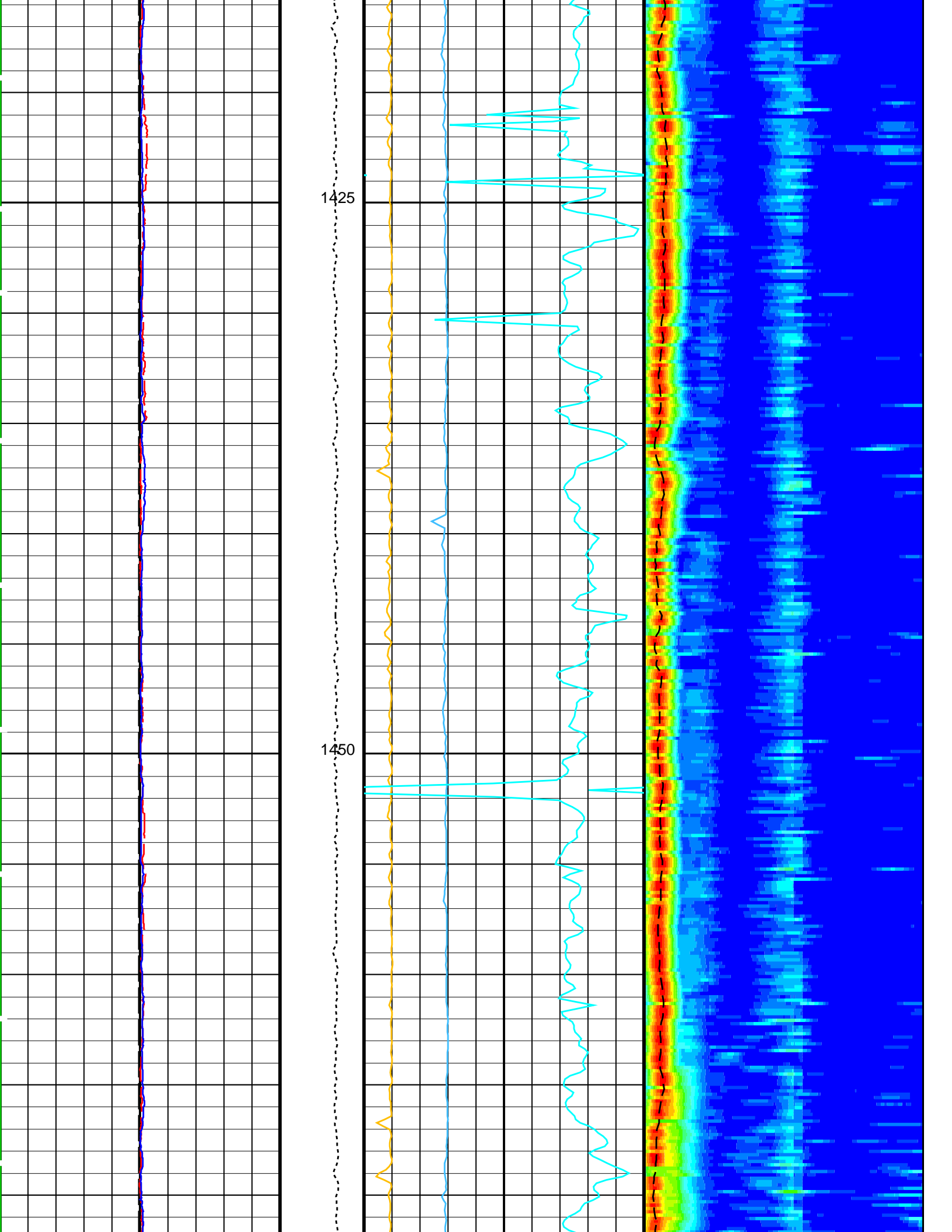


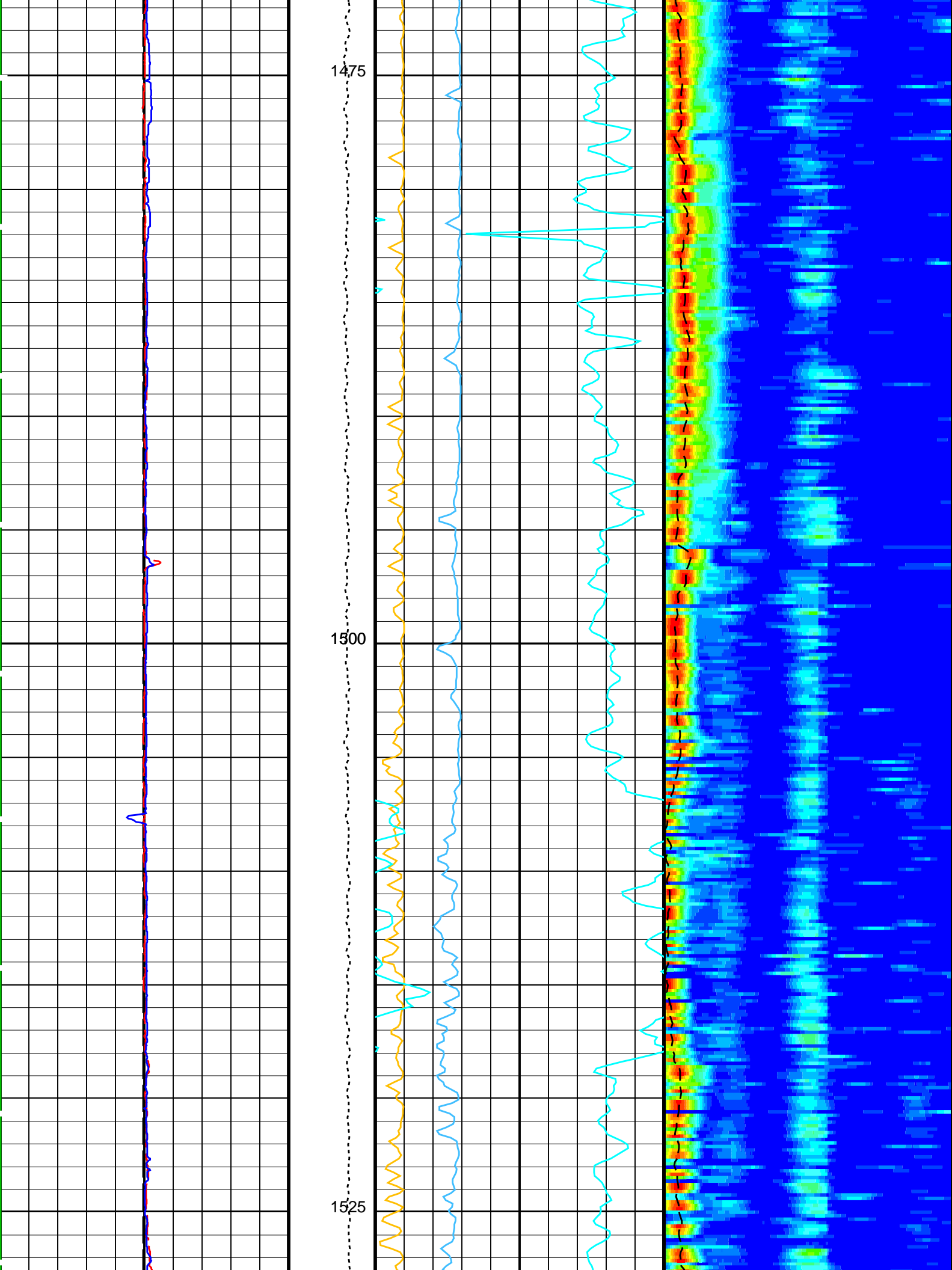


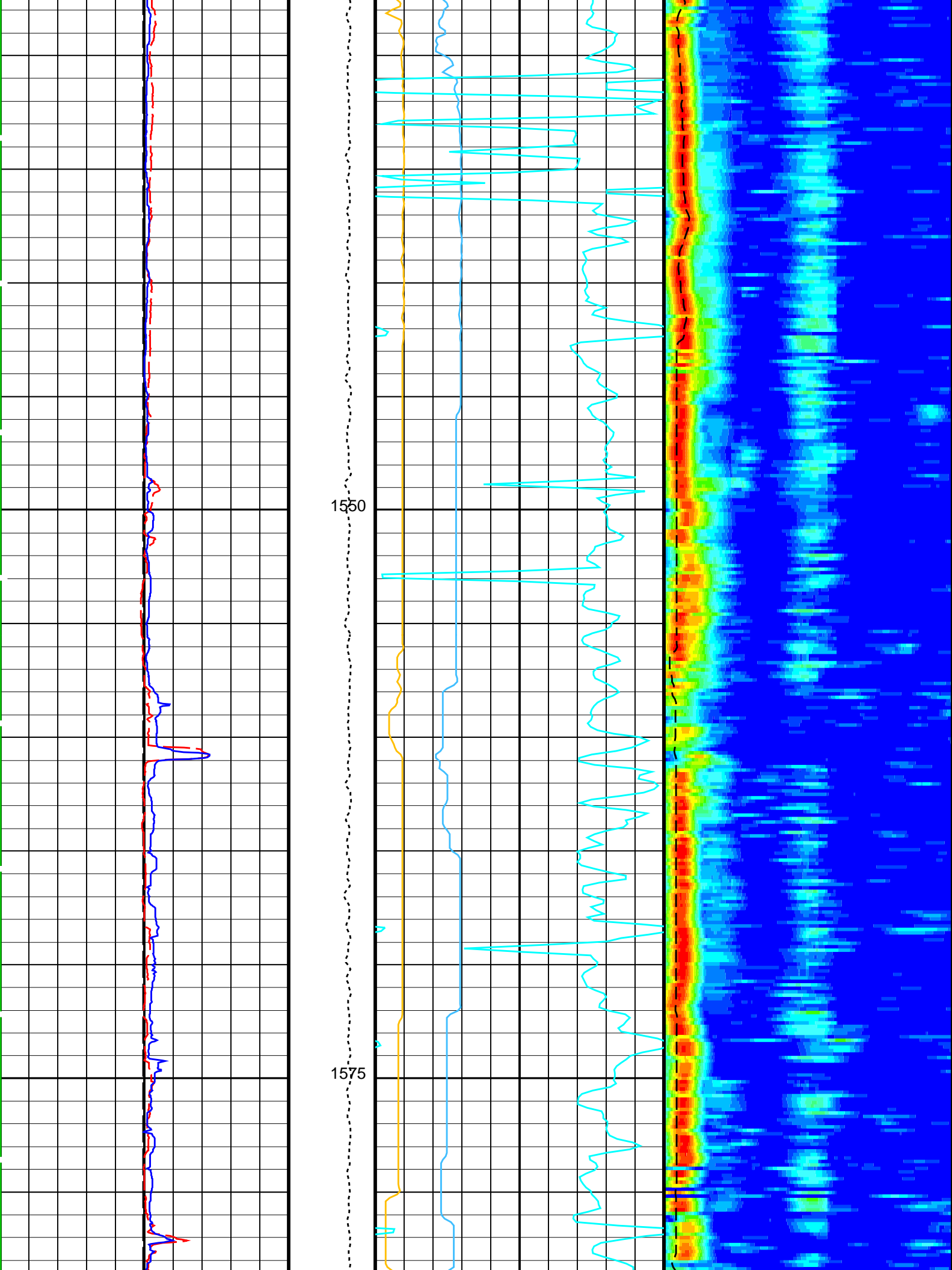
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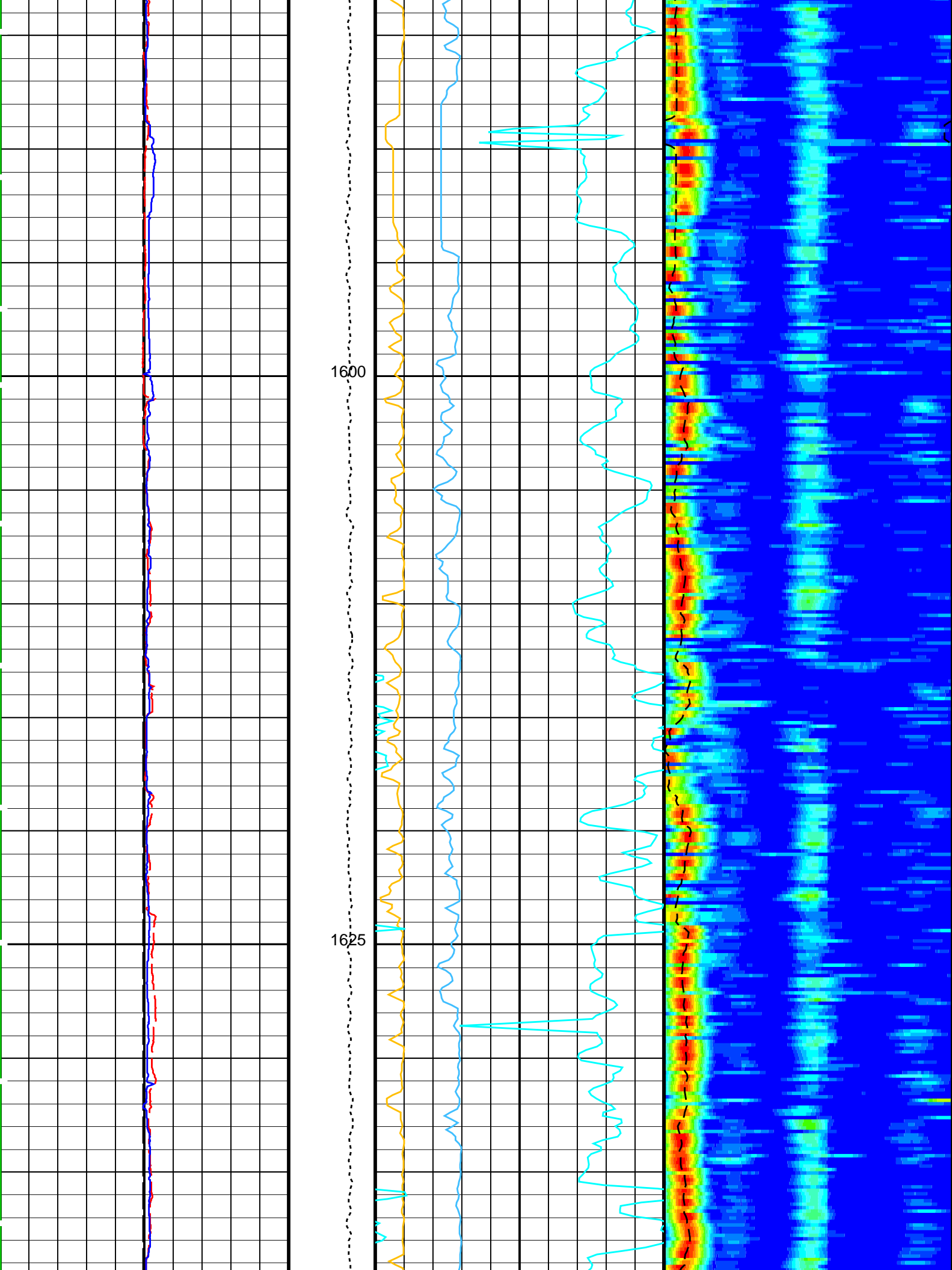
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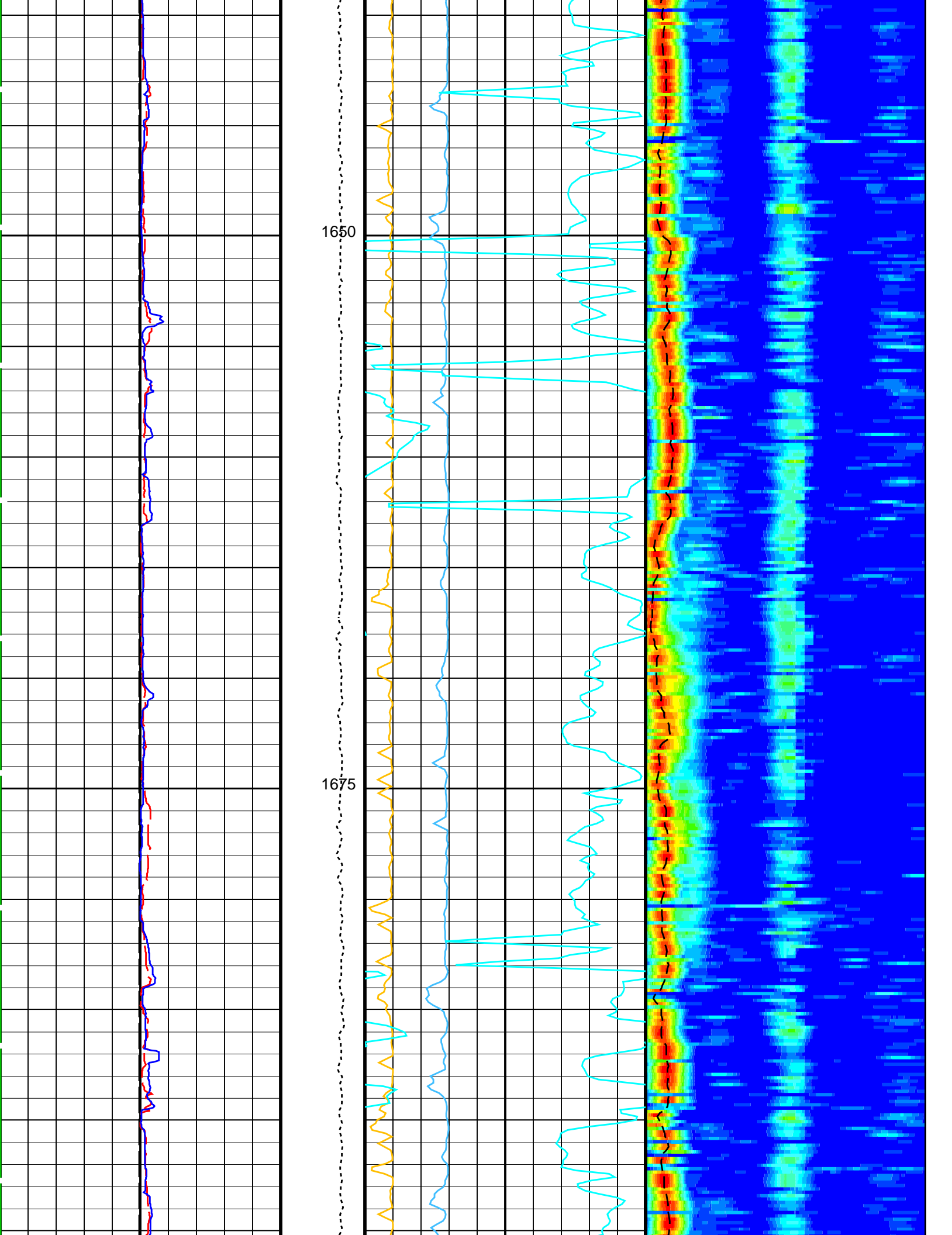


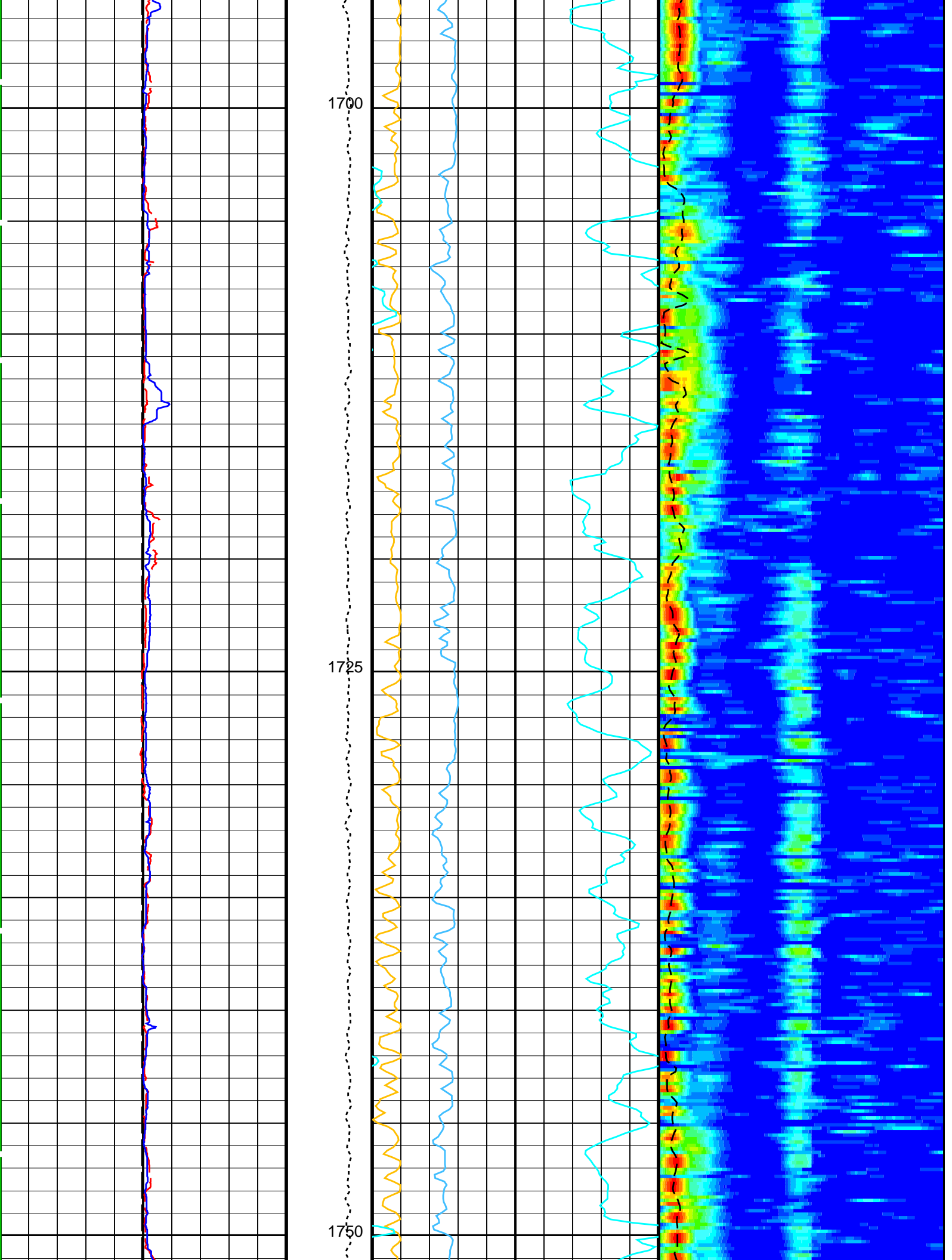


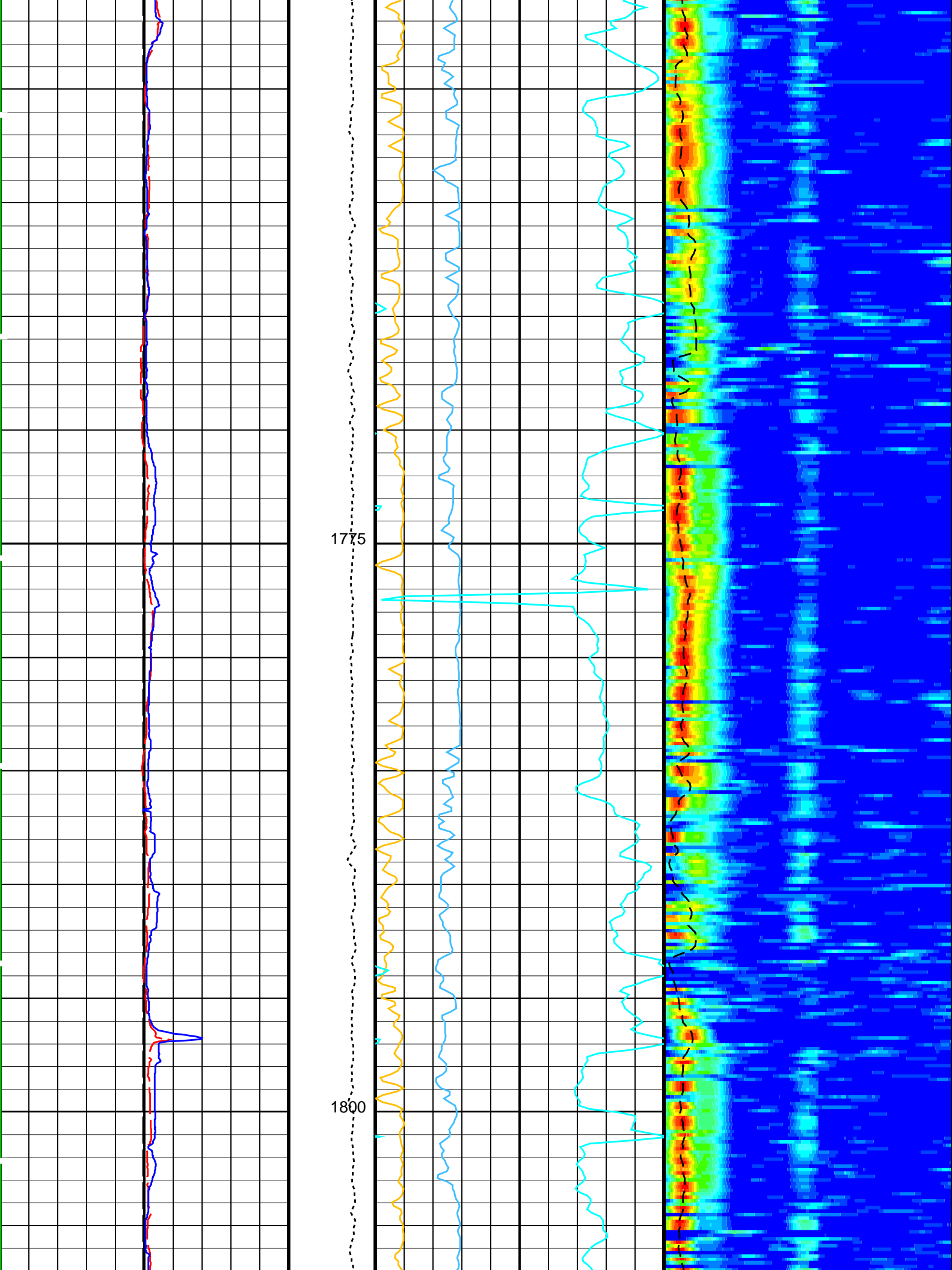




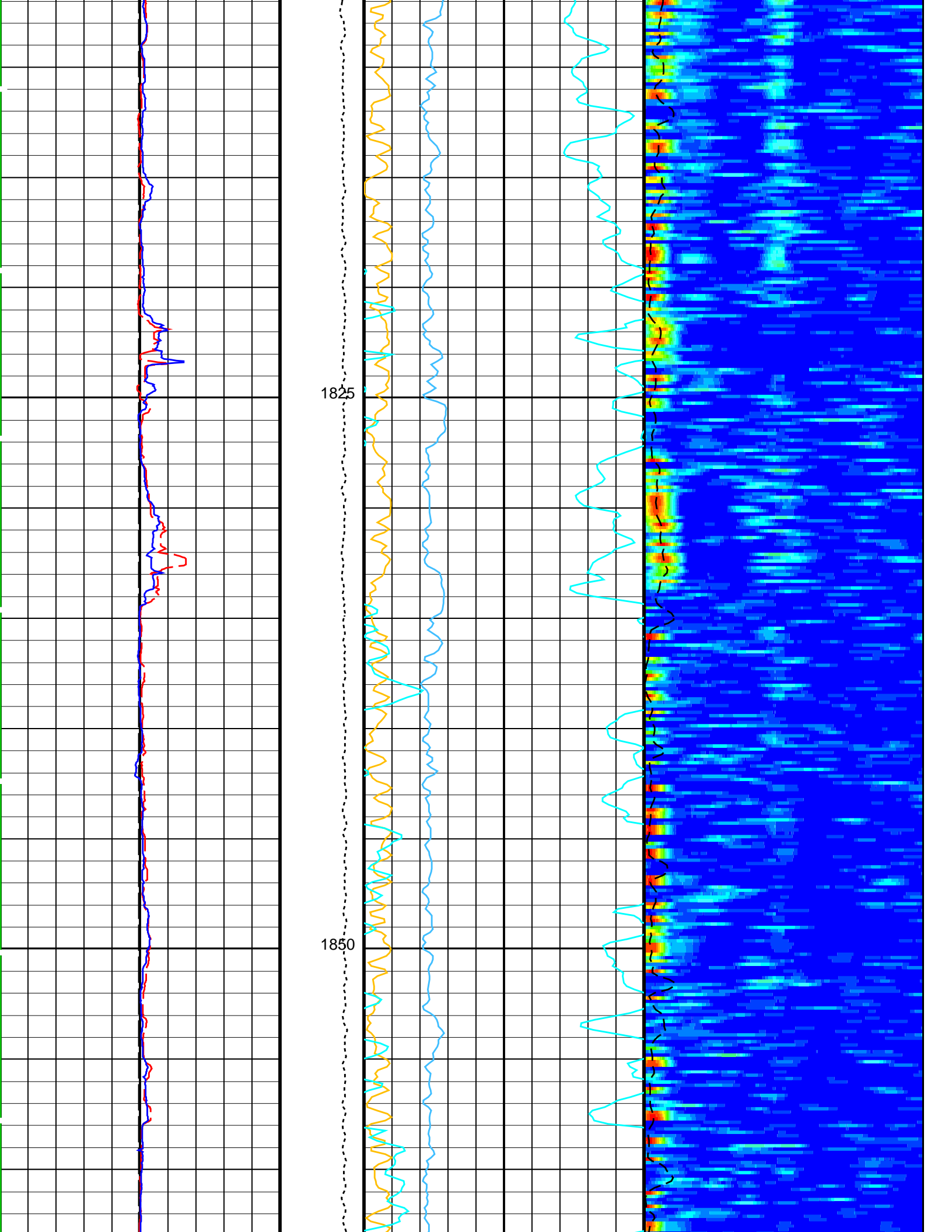


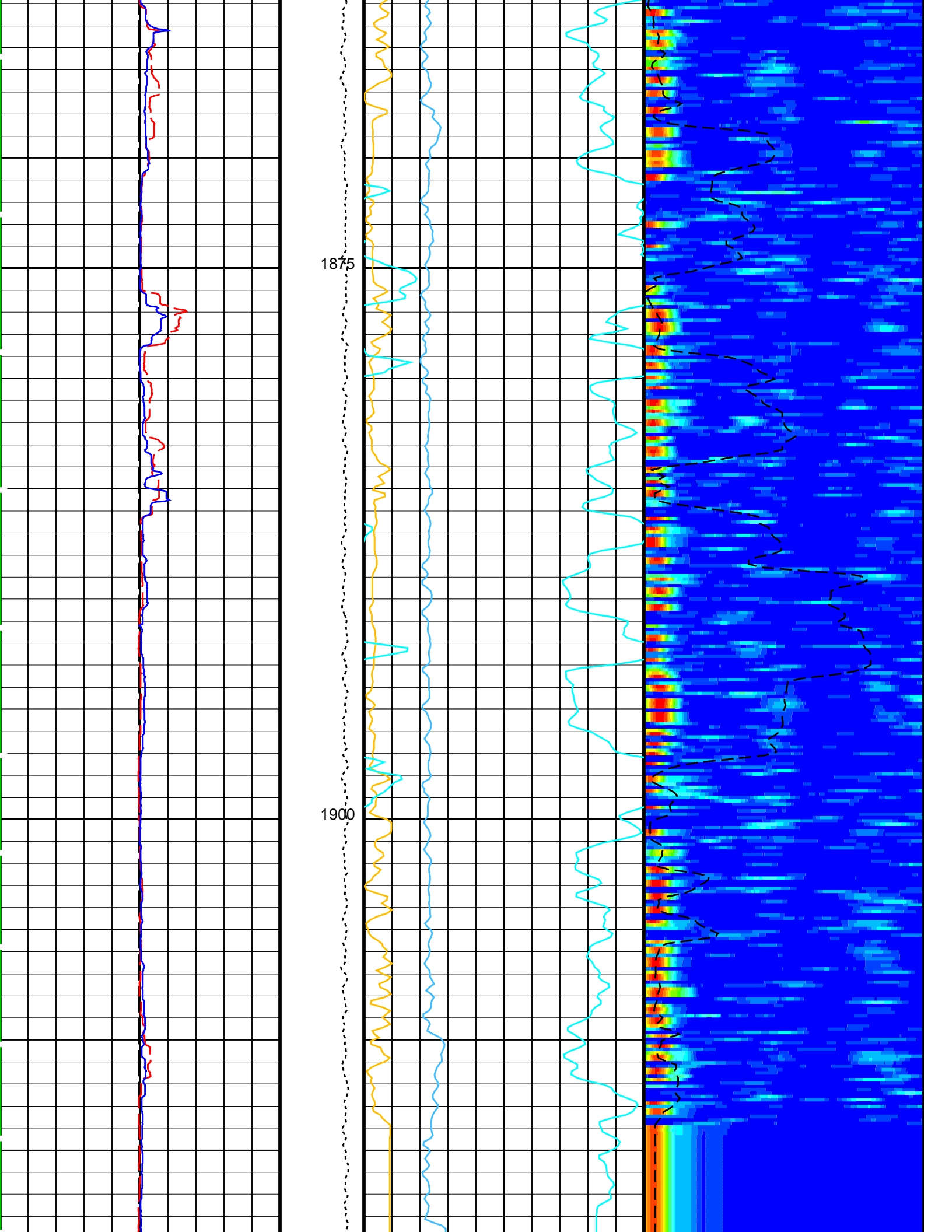


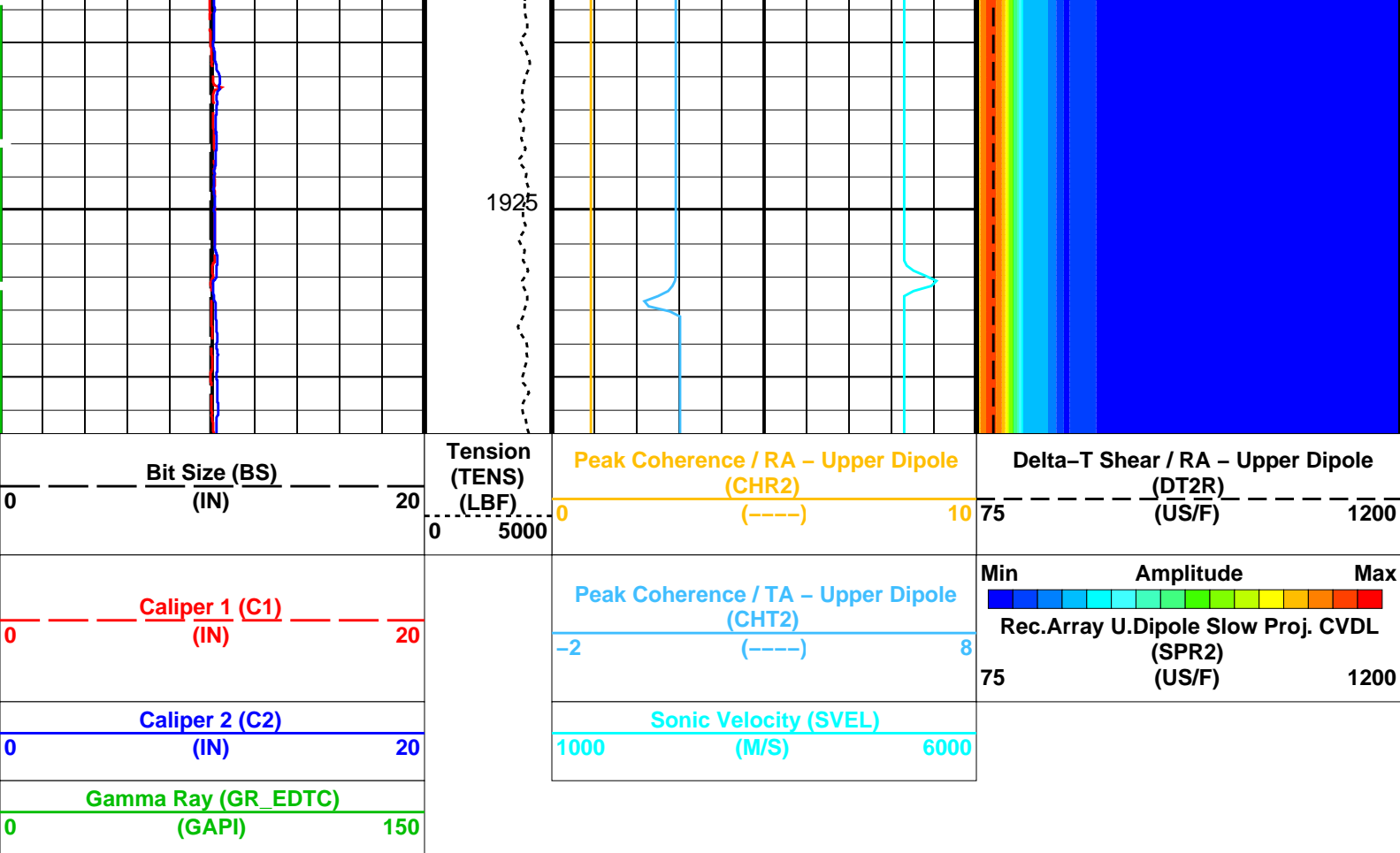












## PIP SUMMARY

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	40 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	200 US/F
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/F
SST2	STC Slowness Step - Upper Dipole	4 US/F
SSW2	STC Source Waveform - Upper Dipole	WF_SAM2
SUL2	STC Slowness Upper Limit - Upper Dipole	1400 US/F
SWD2	STC Slowness Width - Upper Dipole	40 US/F
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	NORMAL	

Format: DSST\_UPPER\_DIPOLE\_VDL\_COLOR
Vertical Scale: 1:200
Graphics File Created: 30-May-2023 17:00

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	FMS_DSI_NGS_096LUP	FN:92 PRODUCER	27-May-2023 16:41 1931.7 M 932.1 M
Output DLIS Files			
DEFAULT	FMS_DSI_NGS_122PUP	FN:116 PRODUCER	30-May-2023 17:00

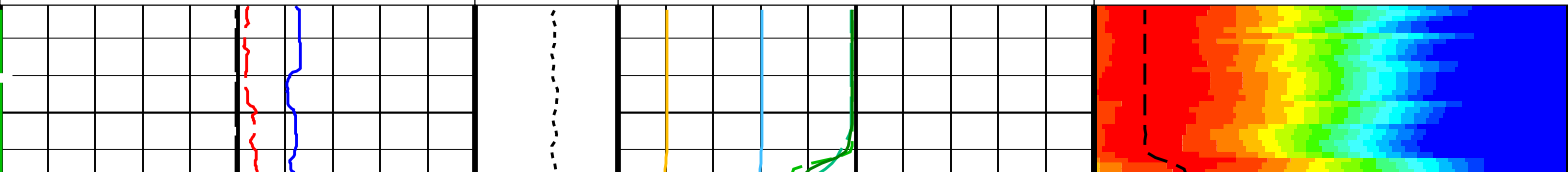
Company: International Ocean Discovery Program
Well: Expedition 399, Site U1601C

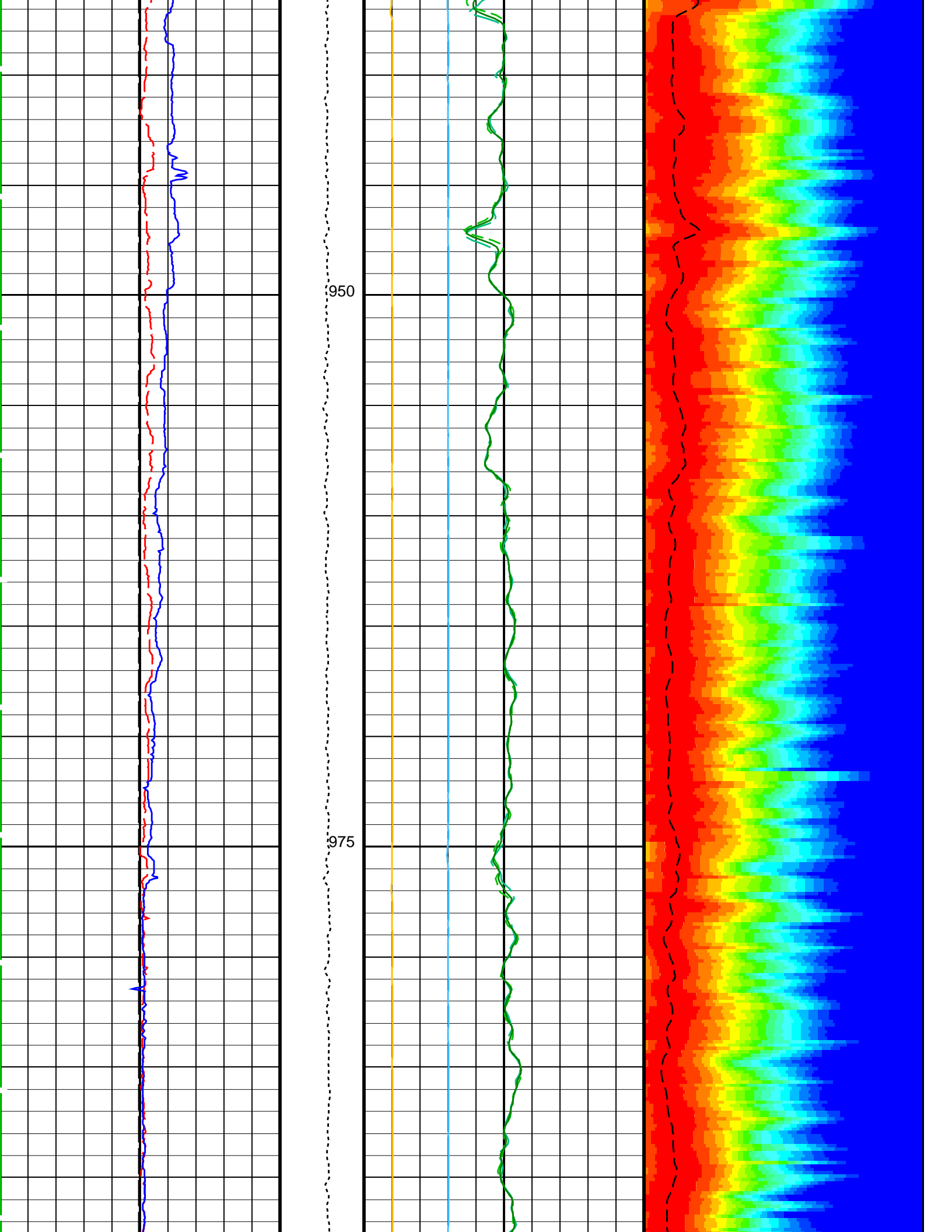
Input DLIS Files			
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Output DLIS Files			
DEFAULT	FMS_DSI_NGS_122PUP	FN:116 PRODUCER	30-May-2023 17:00 1931.7 M 932.1 M

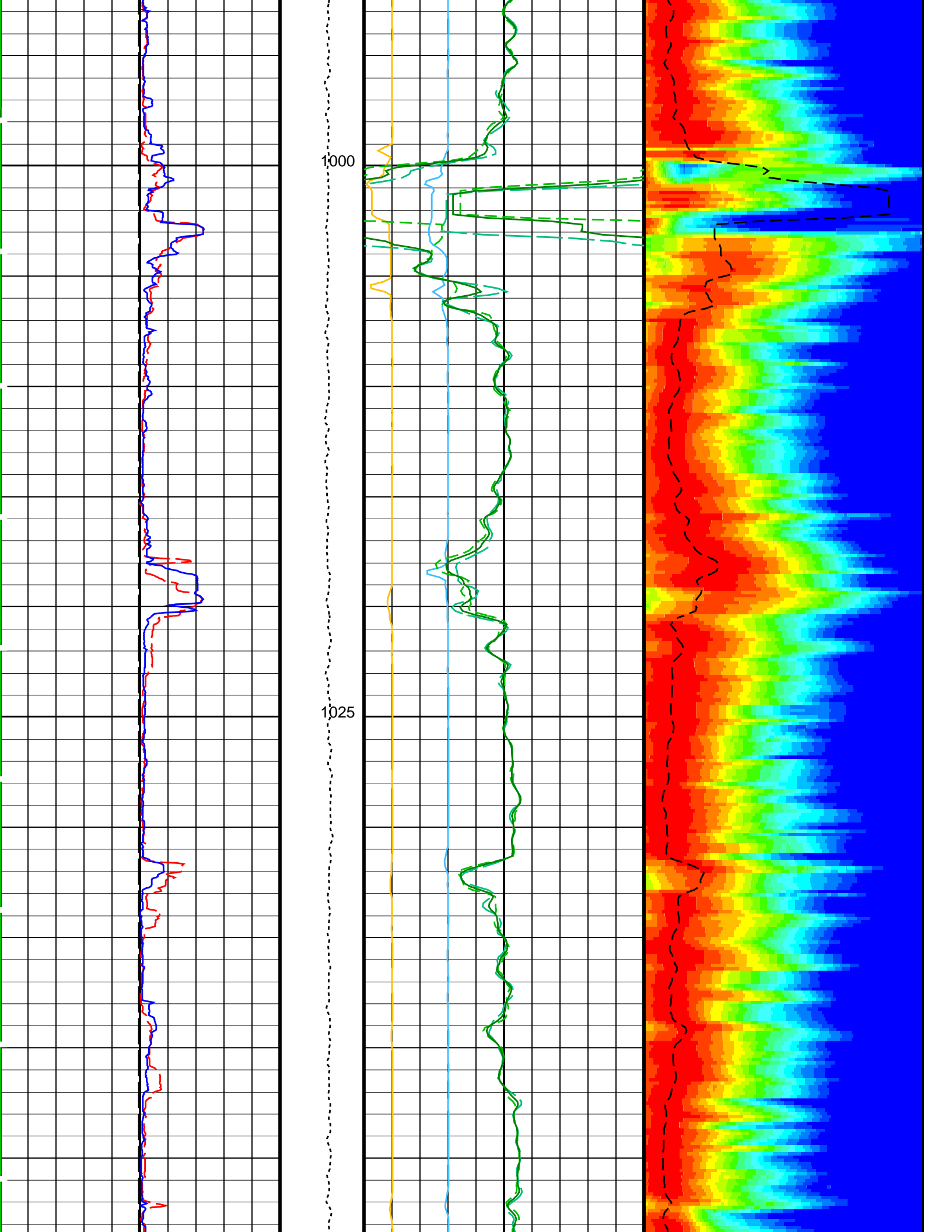
OP System Version: 19C0-187			
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

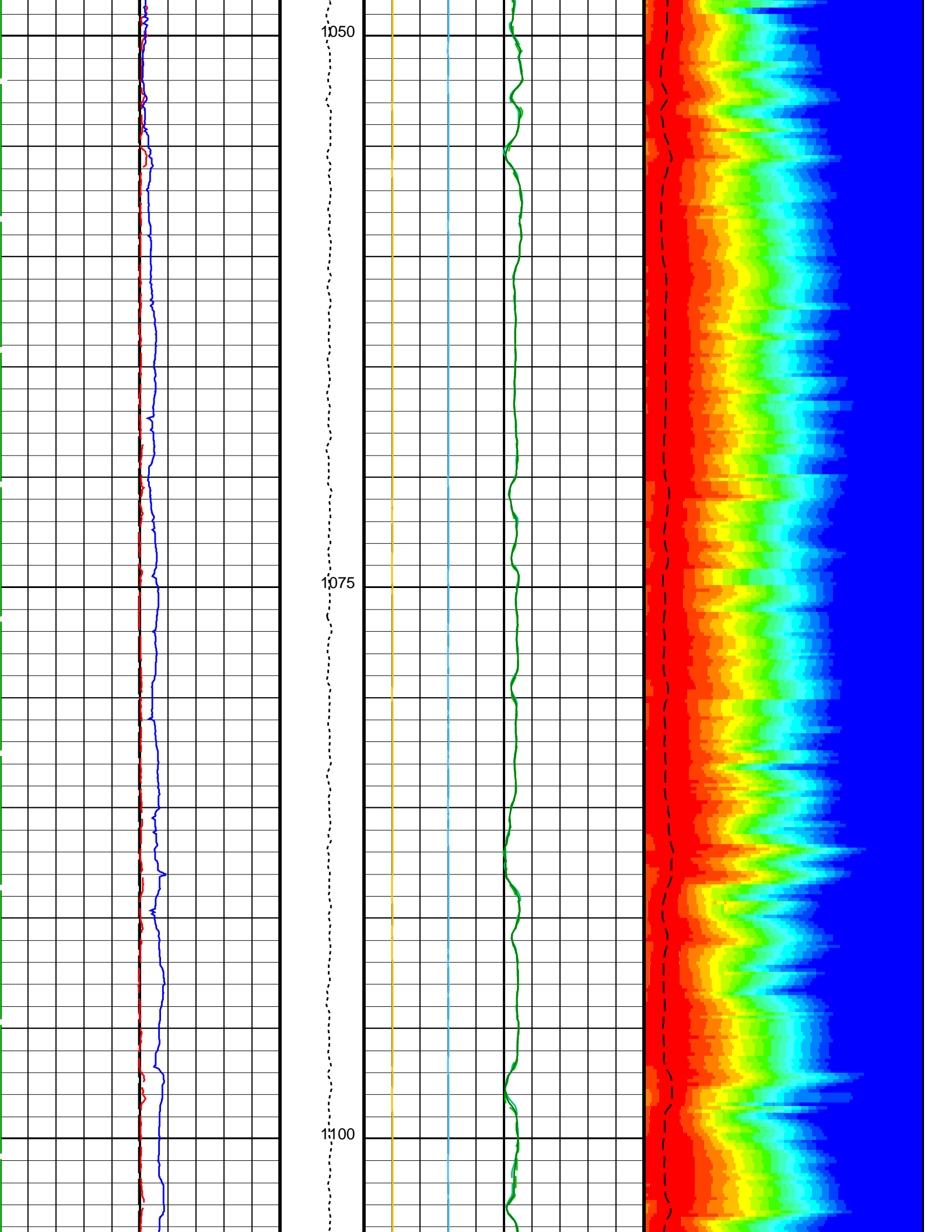
PIP SUMMARY			
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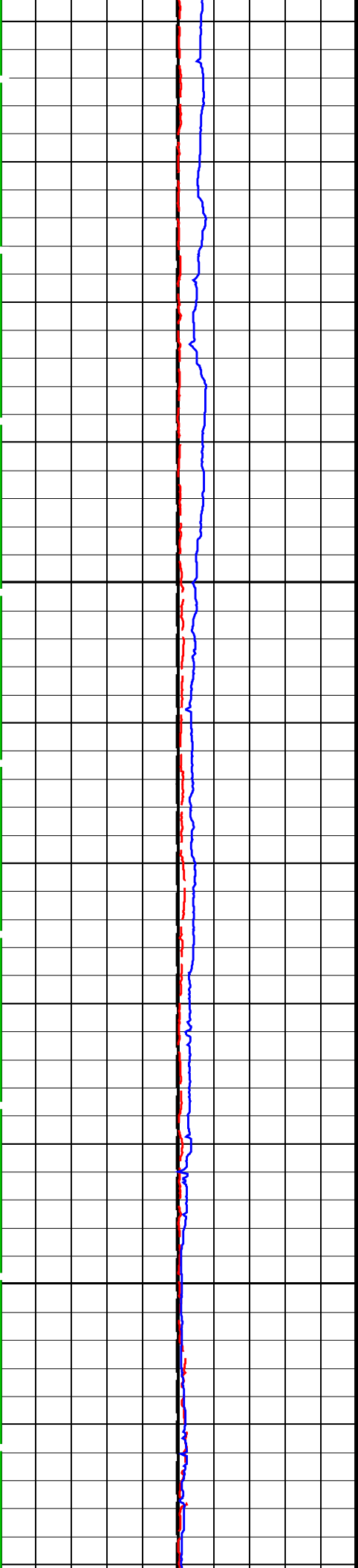
		Delta-T Stoneley (DTST)		
		440 (US/F) 40		
Gamma Ray (GR_EDTC)		Delta-T Stoneley / TA (DT3T)		
0 (GAPI) 150		440 (US/F) 40		
Caliper 2 (C2)		Delta-T Stoneley / RA (DT3R)		
0 (IN) 20		440 (US/F) 40		
Caliper 1 (C1)		Peak Coherence / TA – Stoneley (CHT3)		
0 (IN) 20		-2 (----) 8		
Bit Size (BS)		Peak Coherence / RA – Stoneley (CHR3)		
0 (IN) 20		0 (-----) 10		
Tension (TENS)		Delta-T Stoneley / RA (DT3R)		
0 5000 (LBF)		180 (US/F) 780		





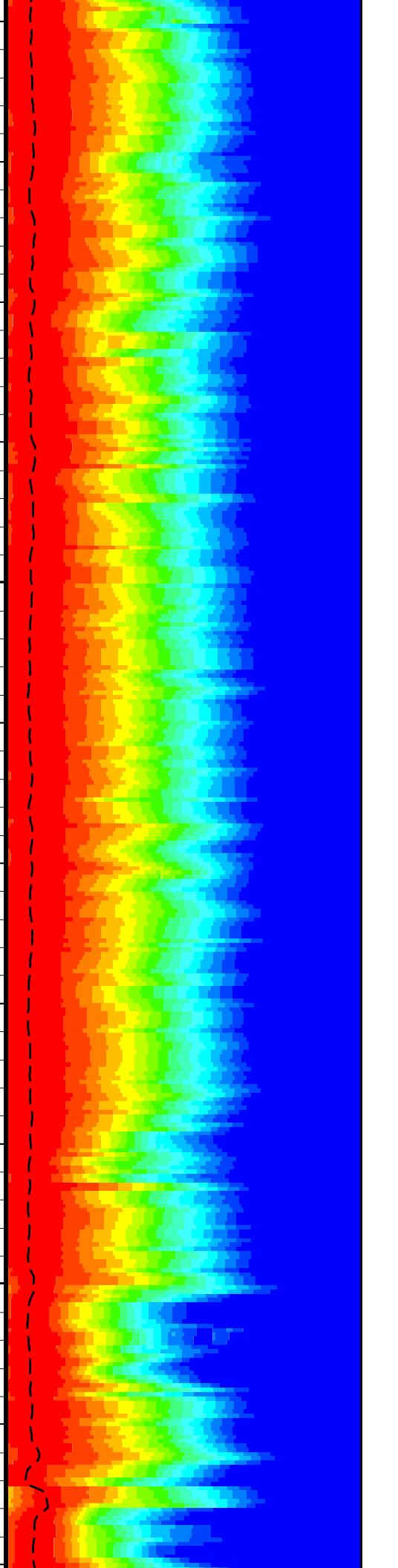
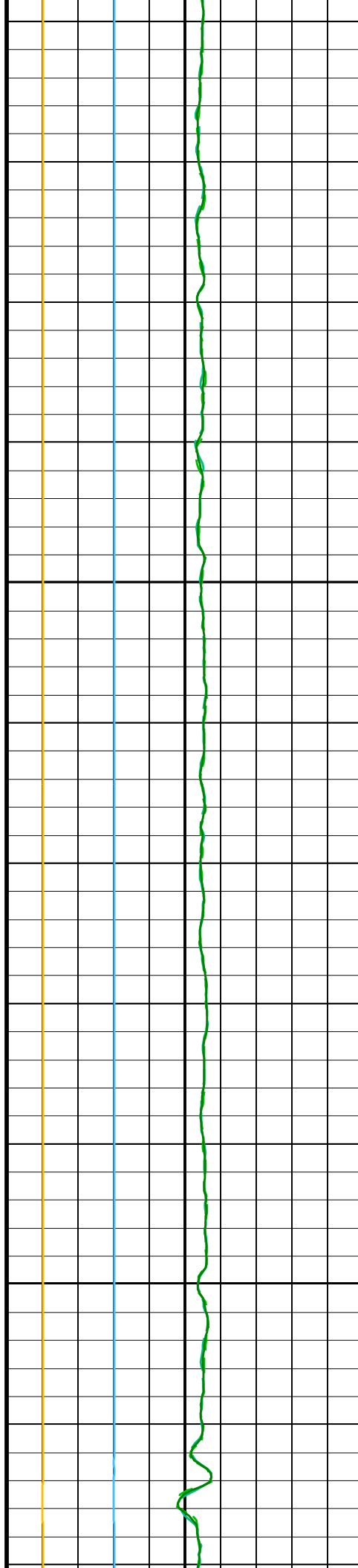




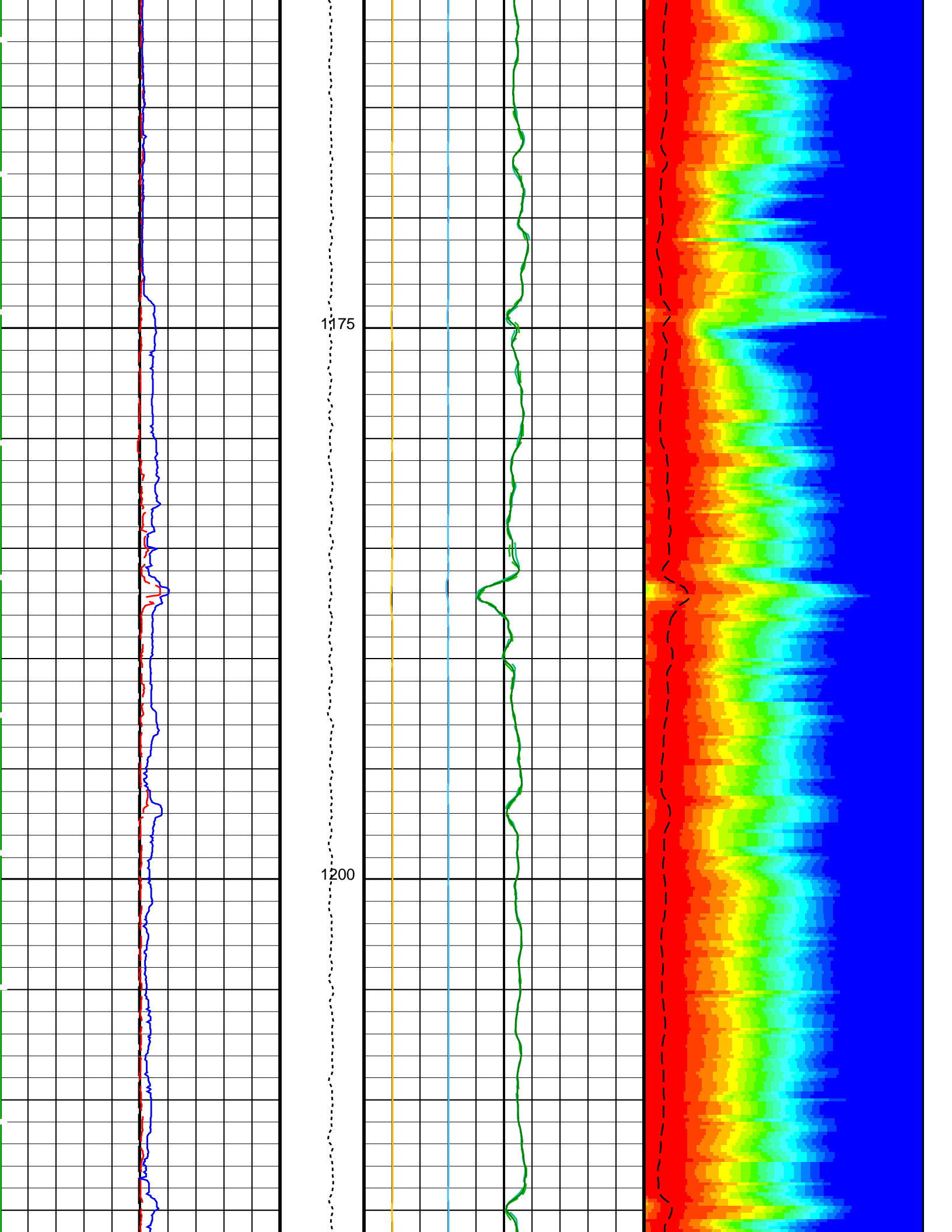


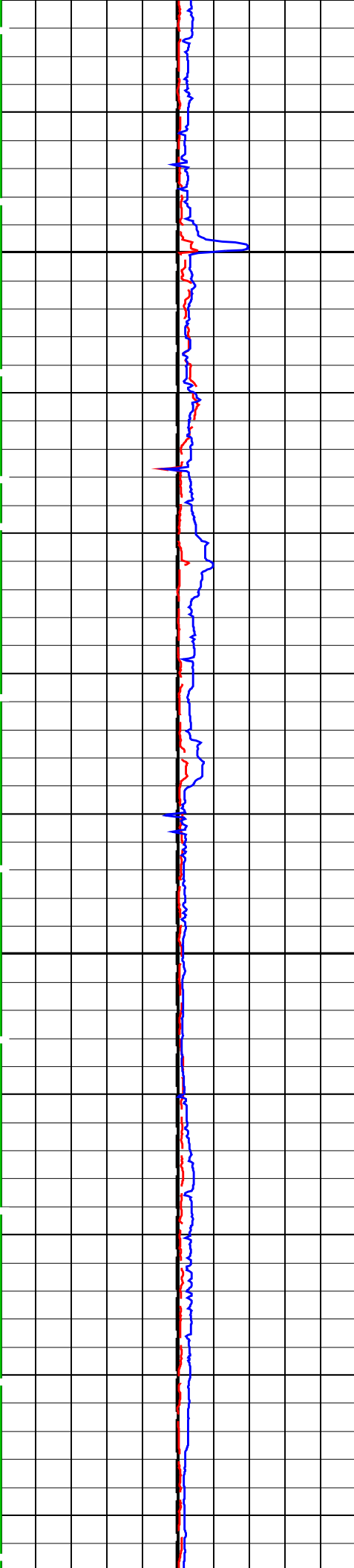
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1150



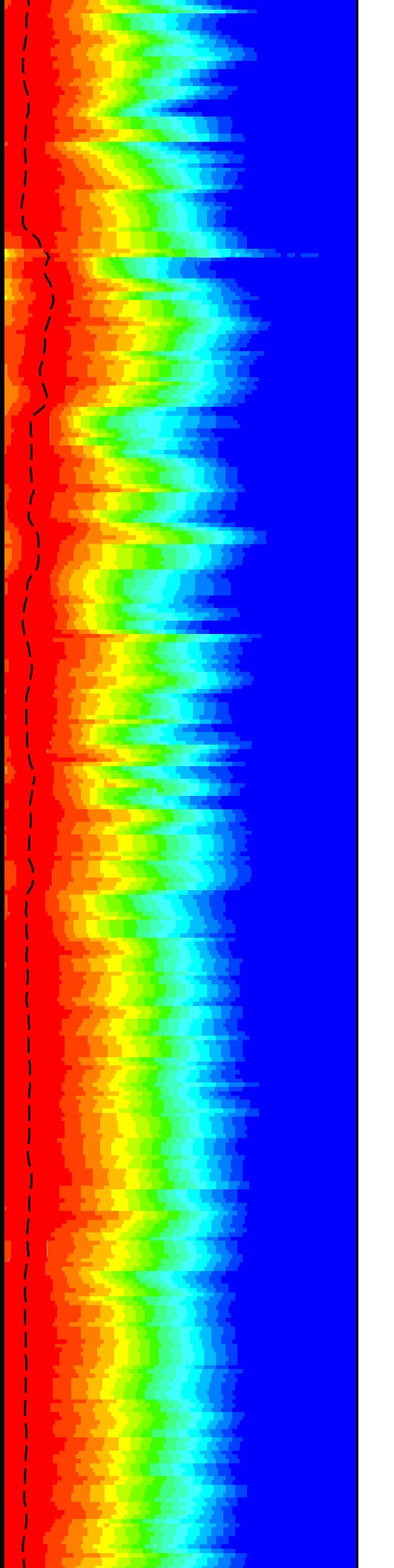
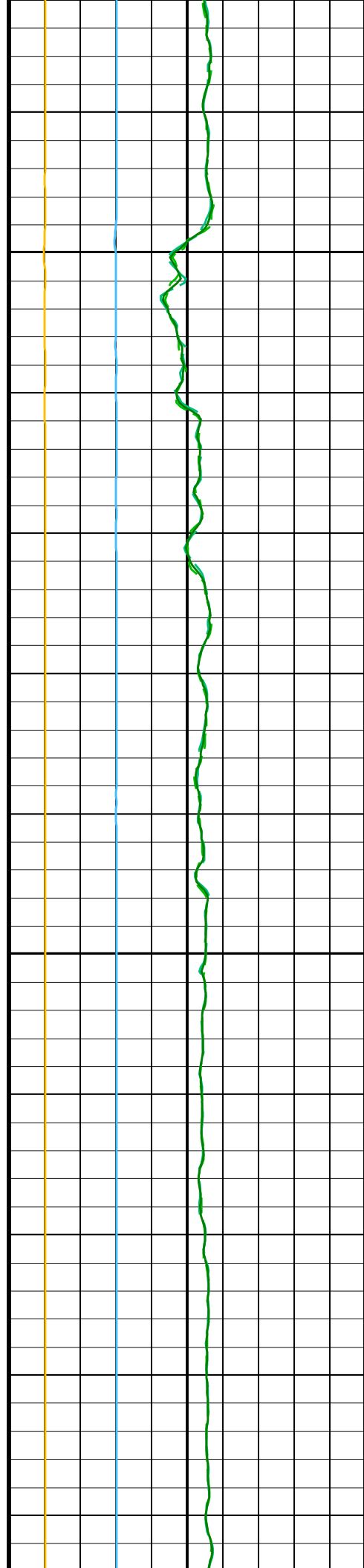


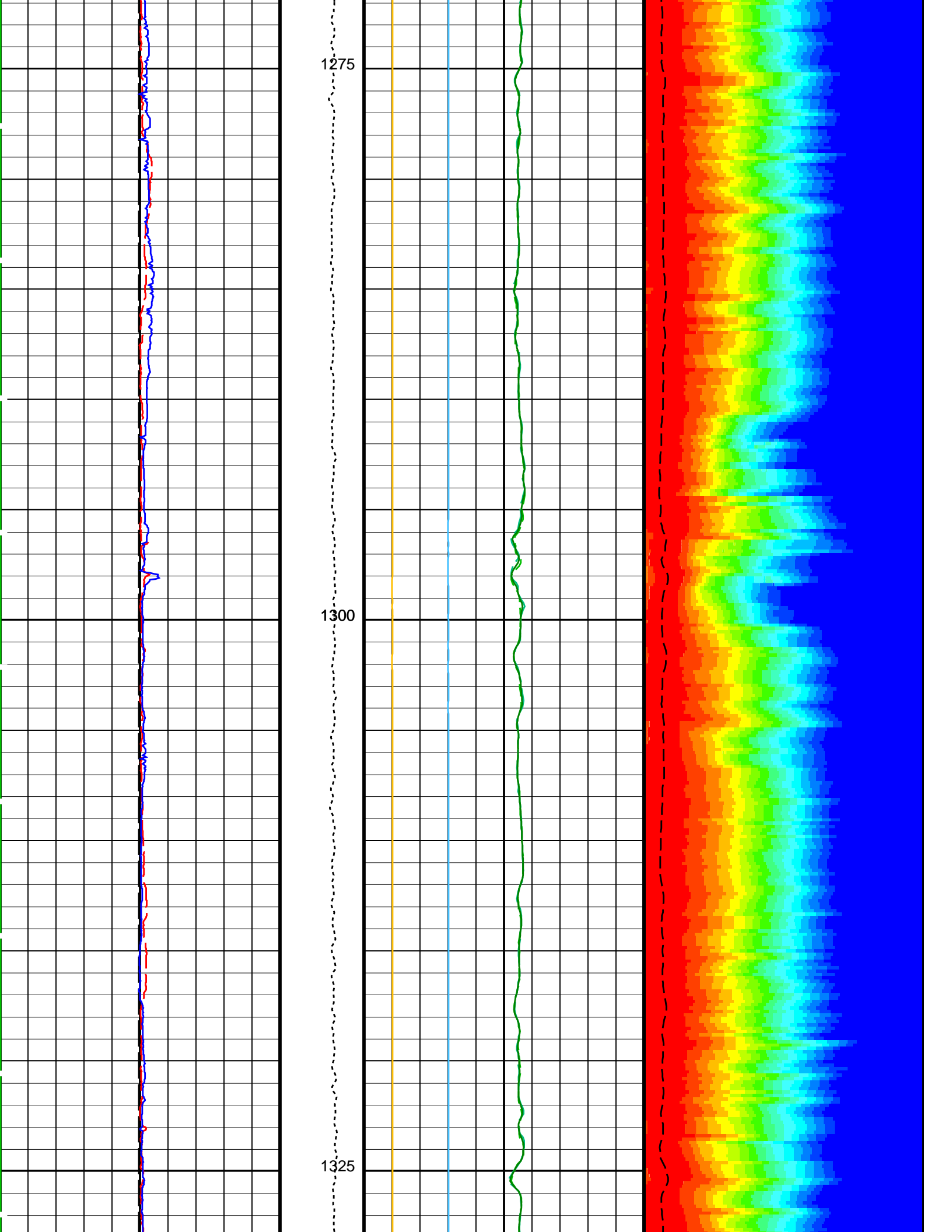


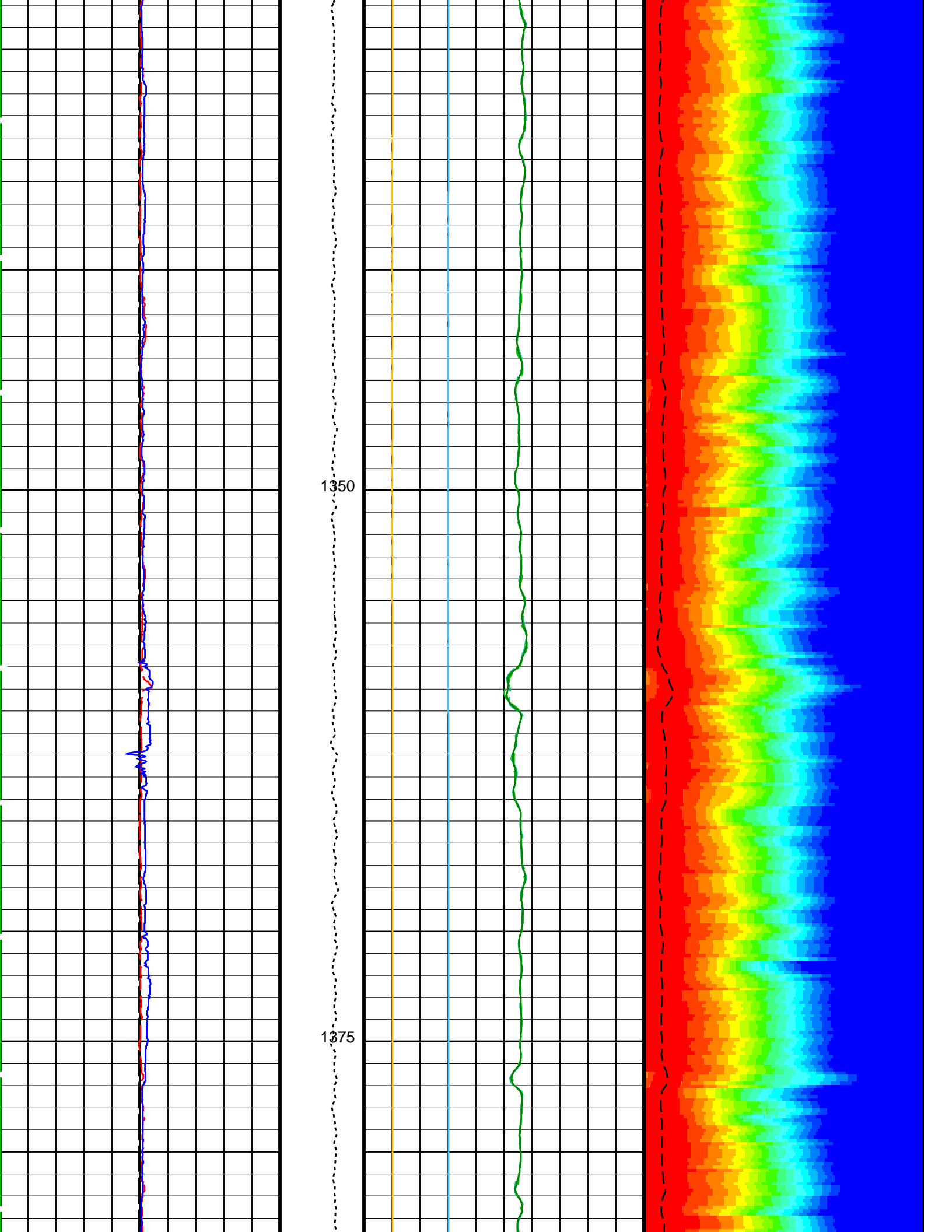


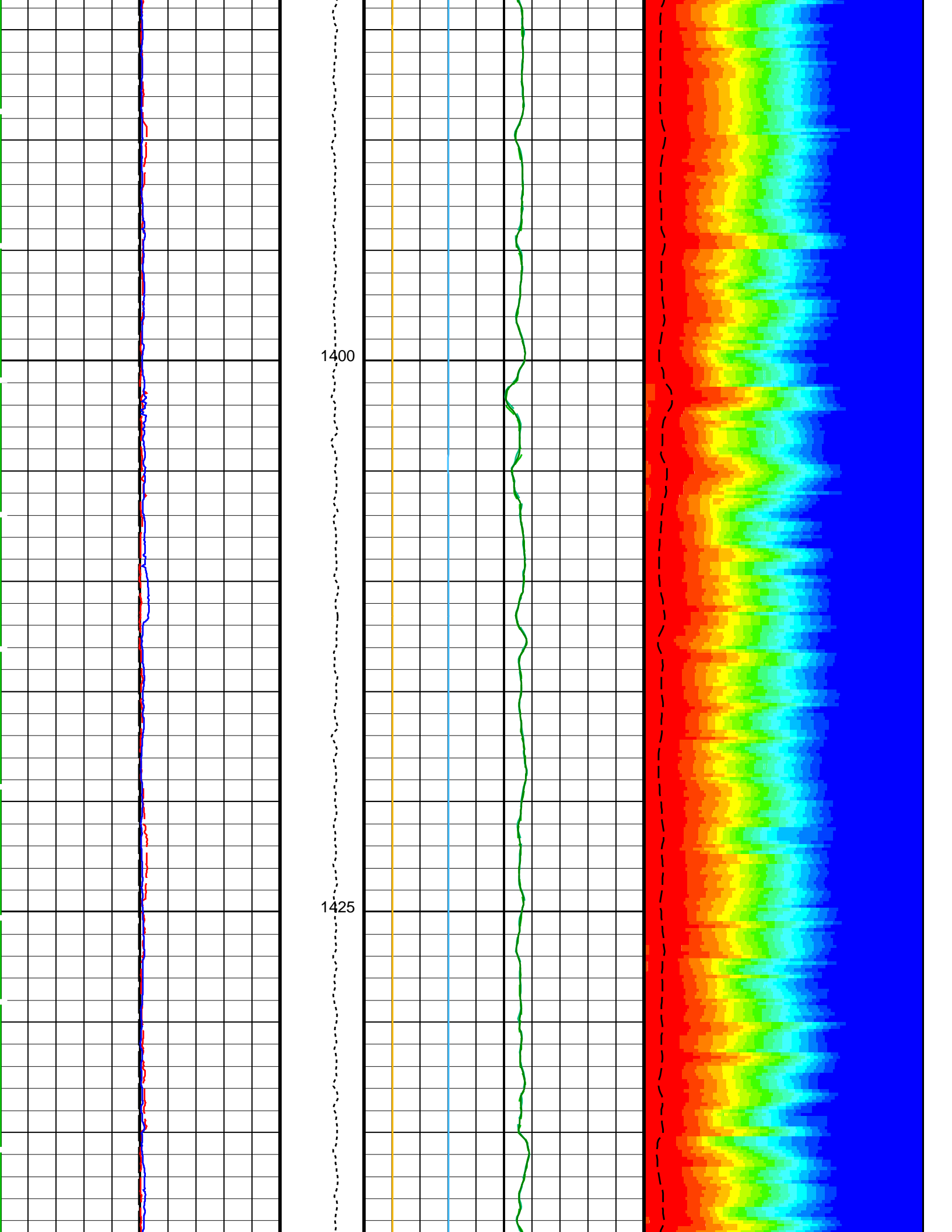
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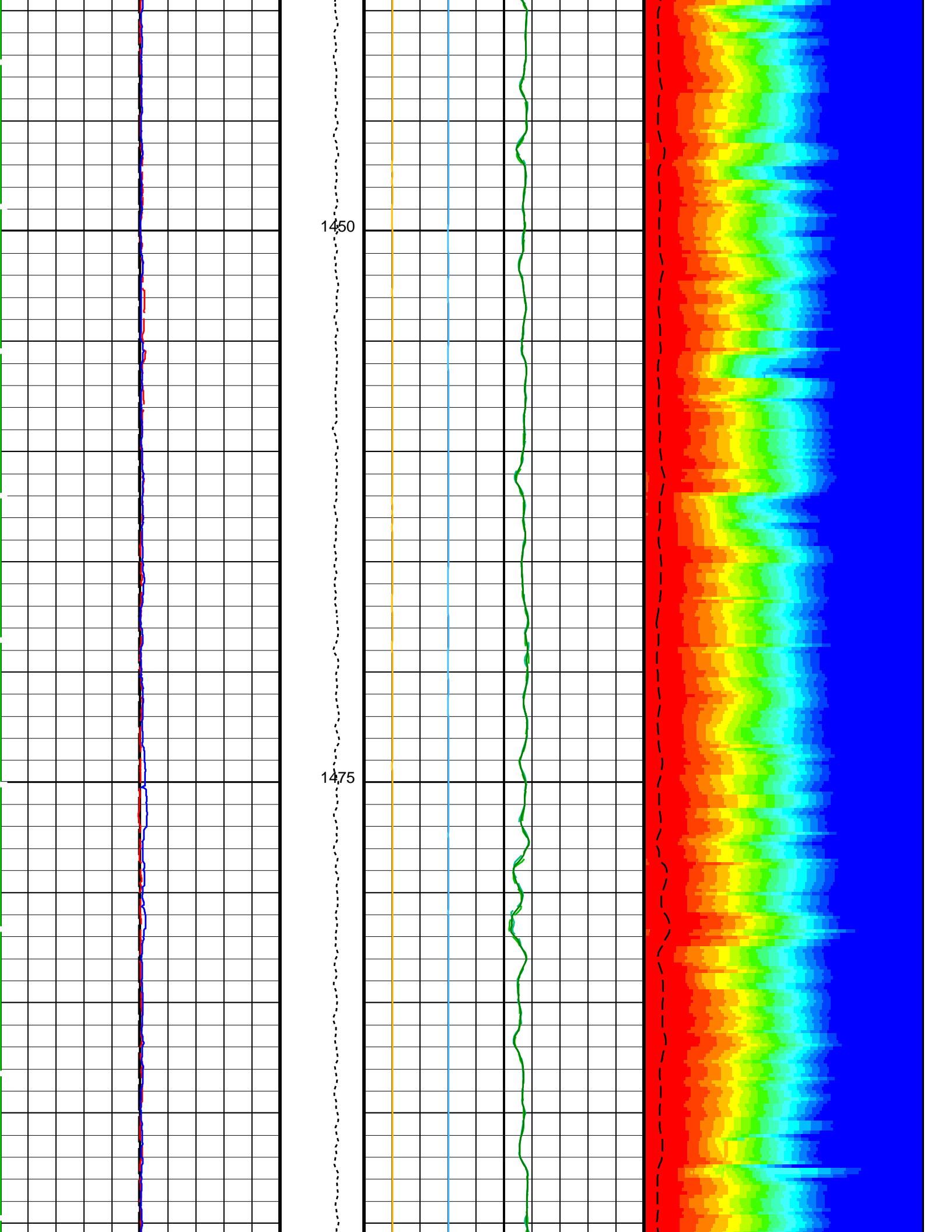
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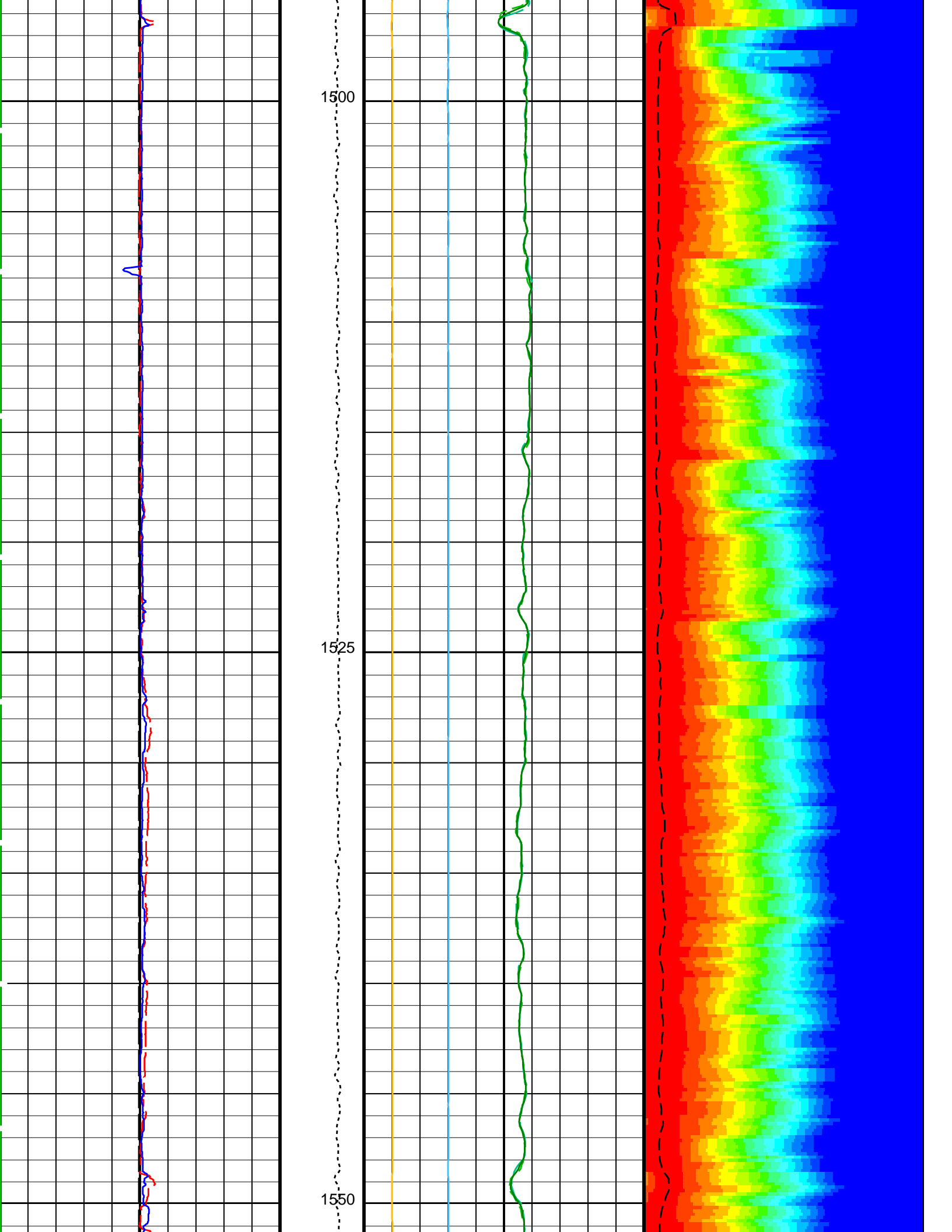


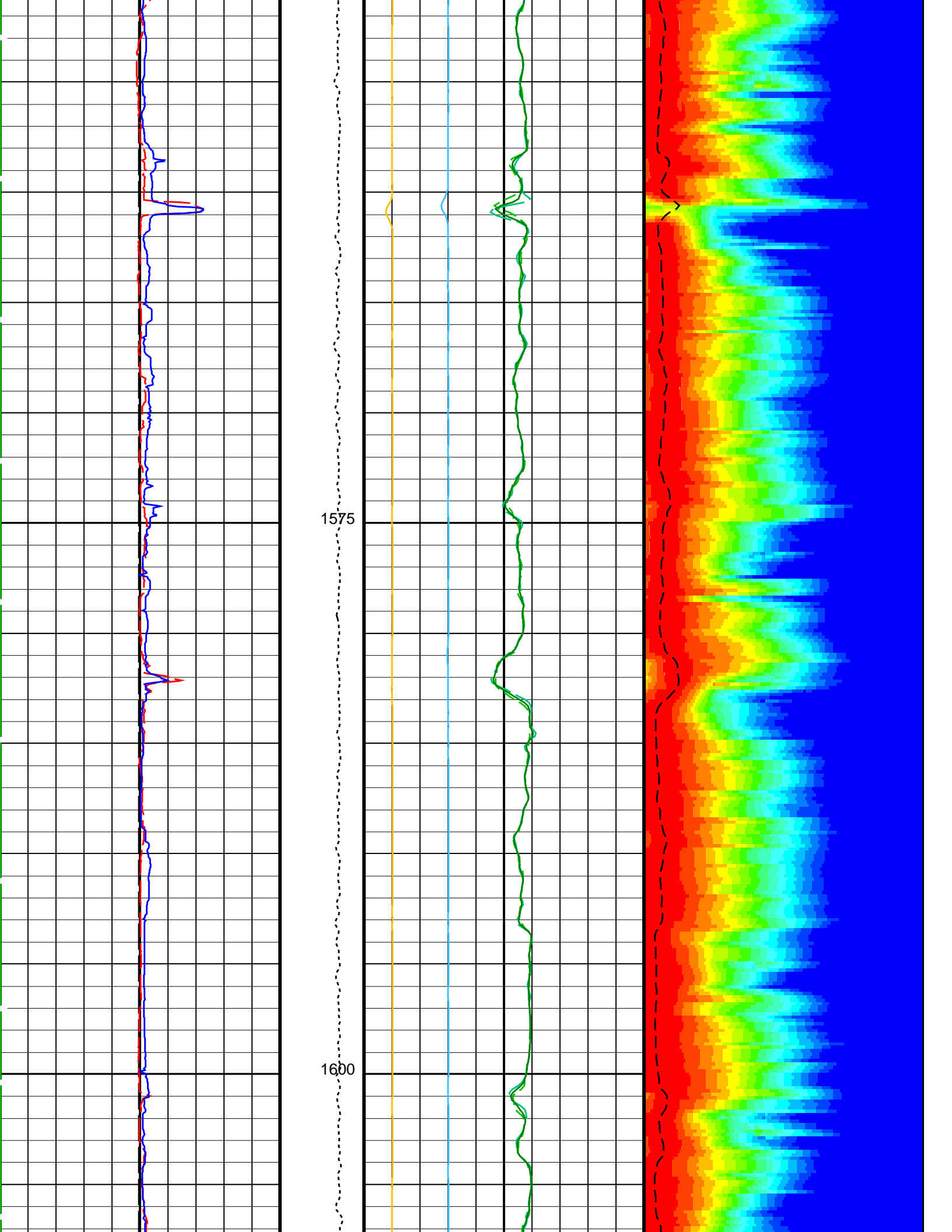




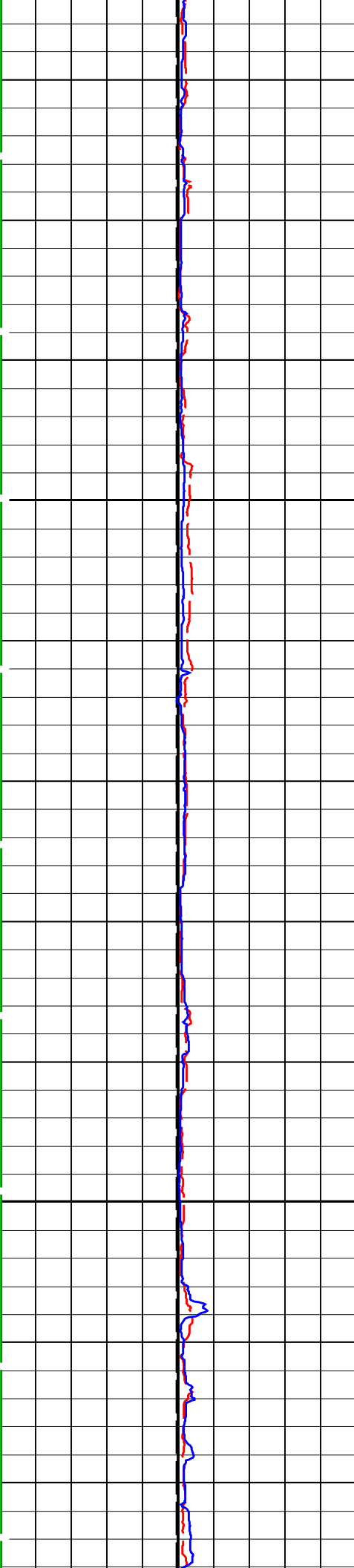






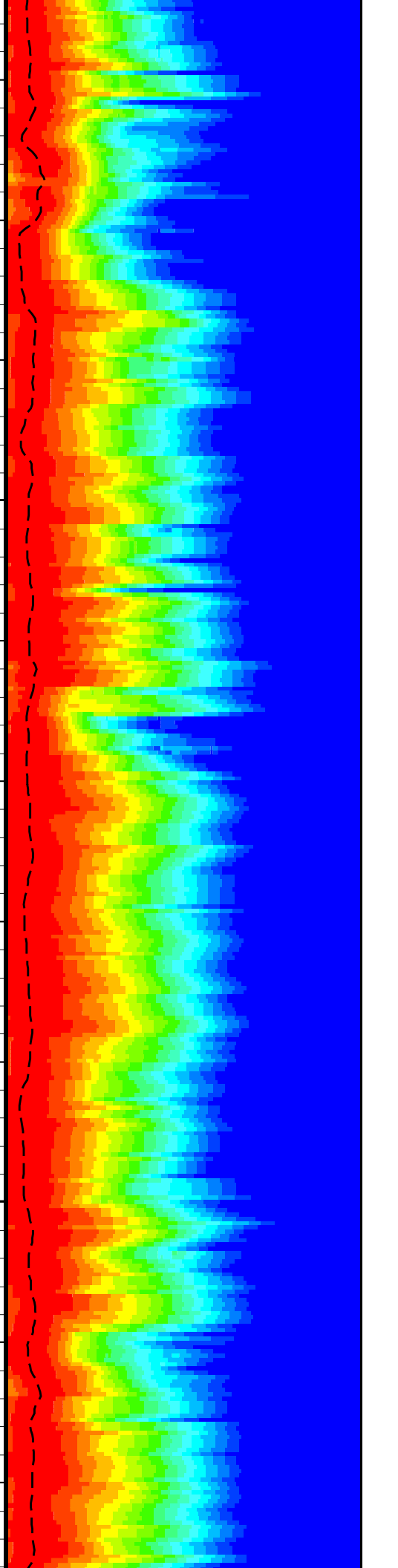
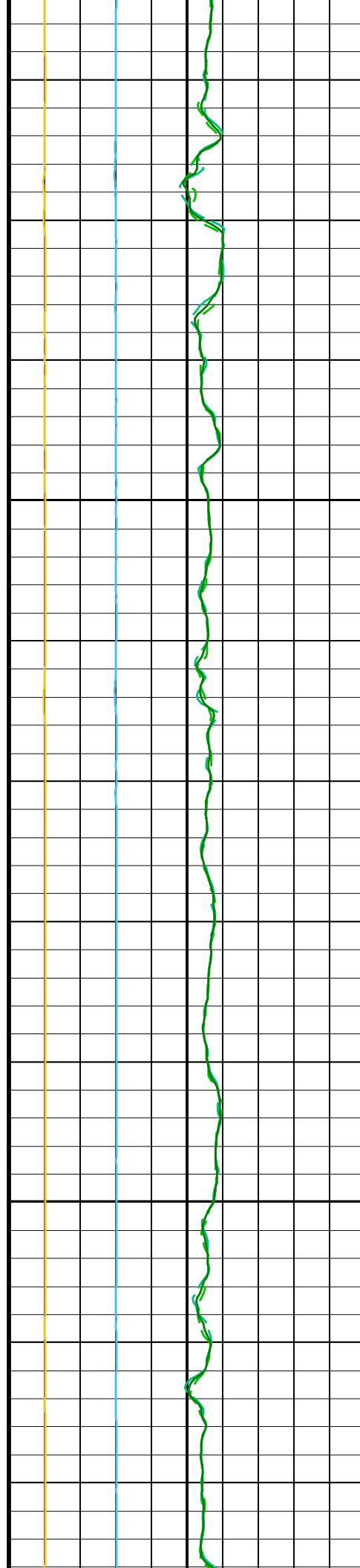


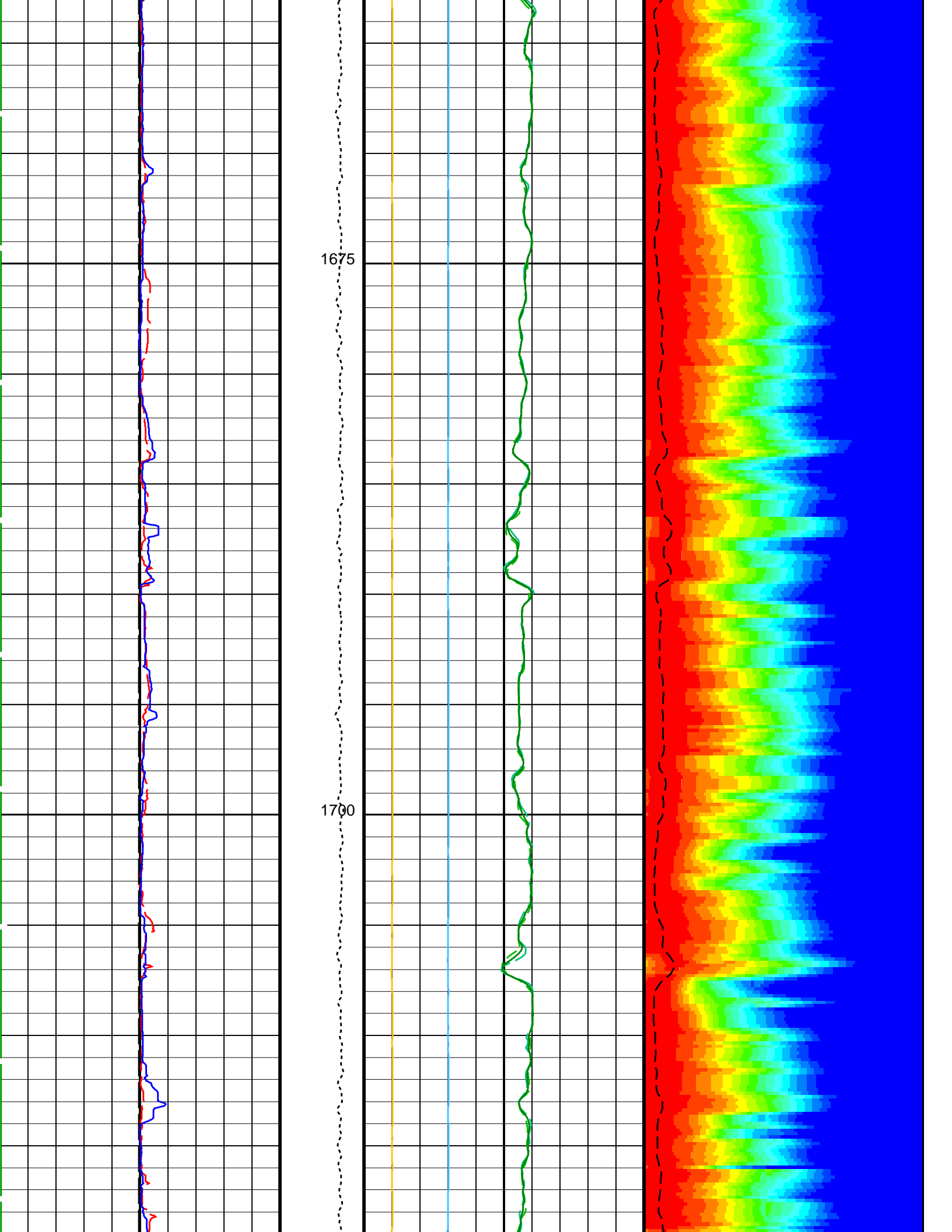


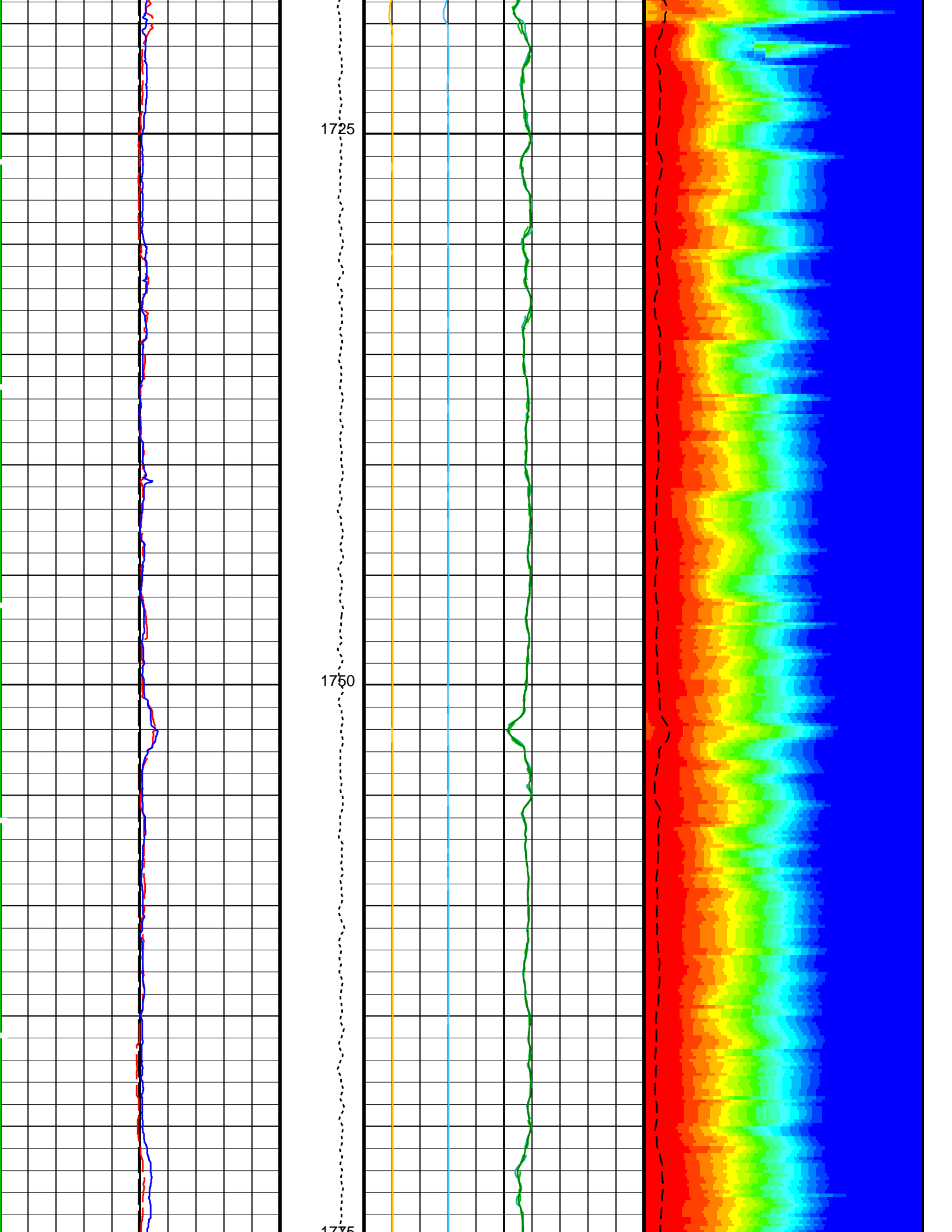


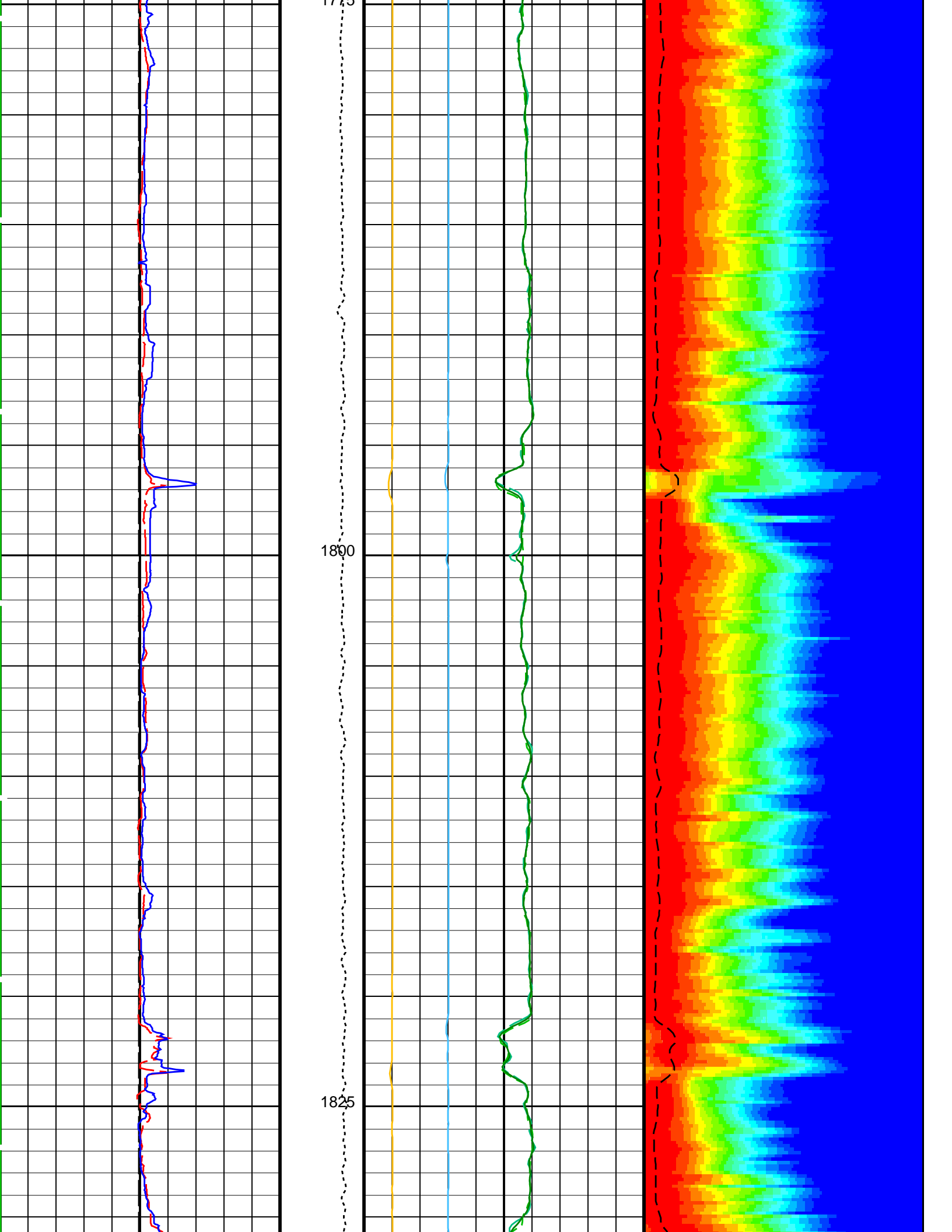
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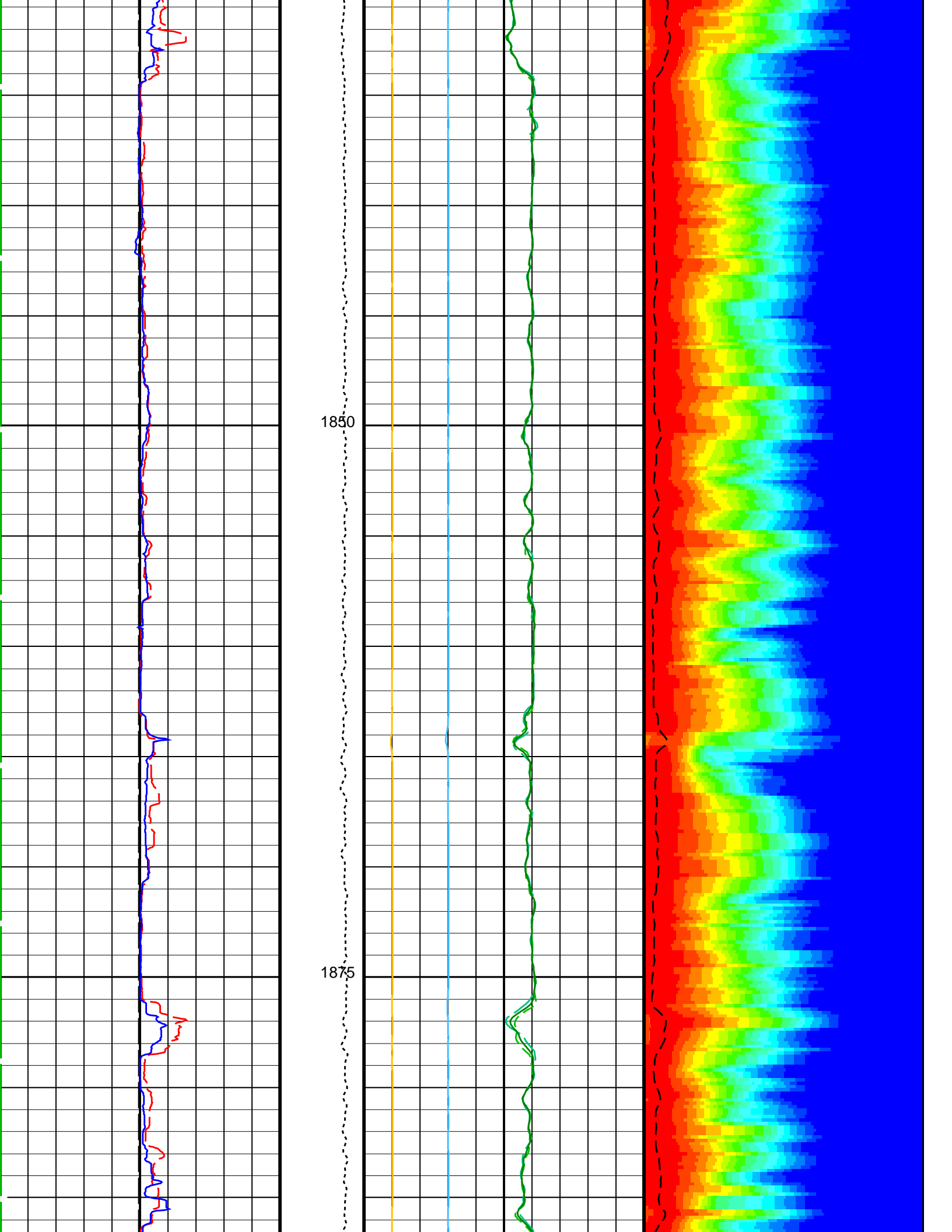
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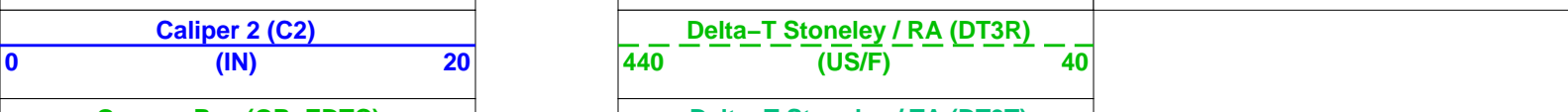
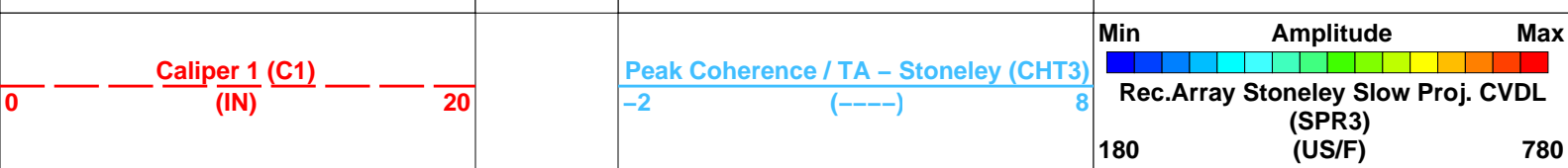
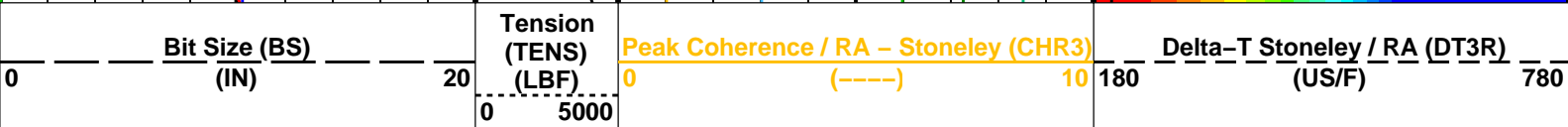
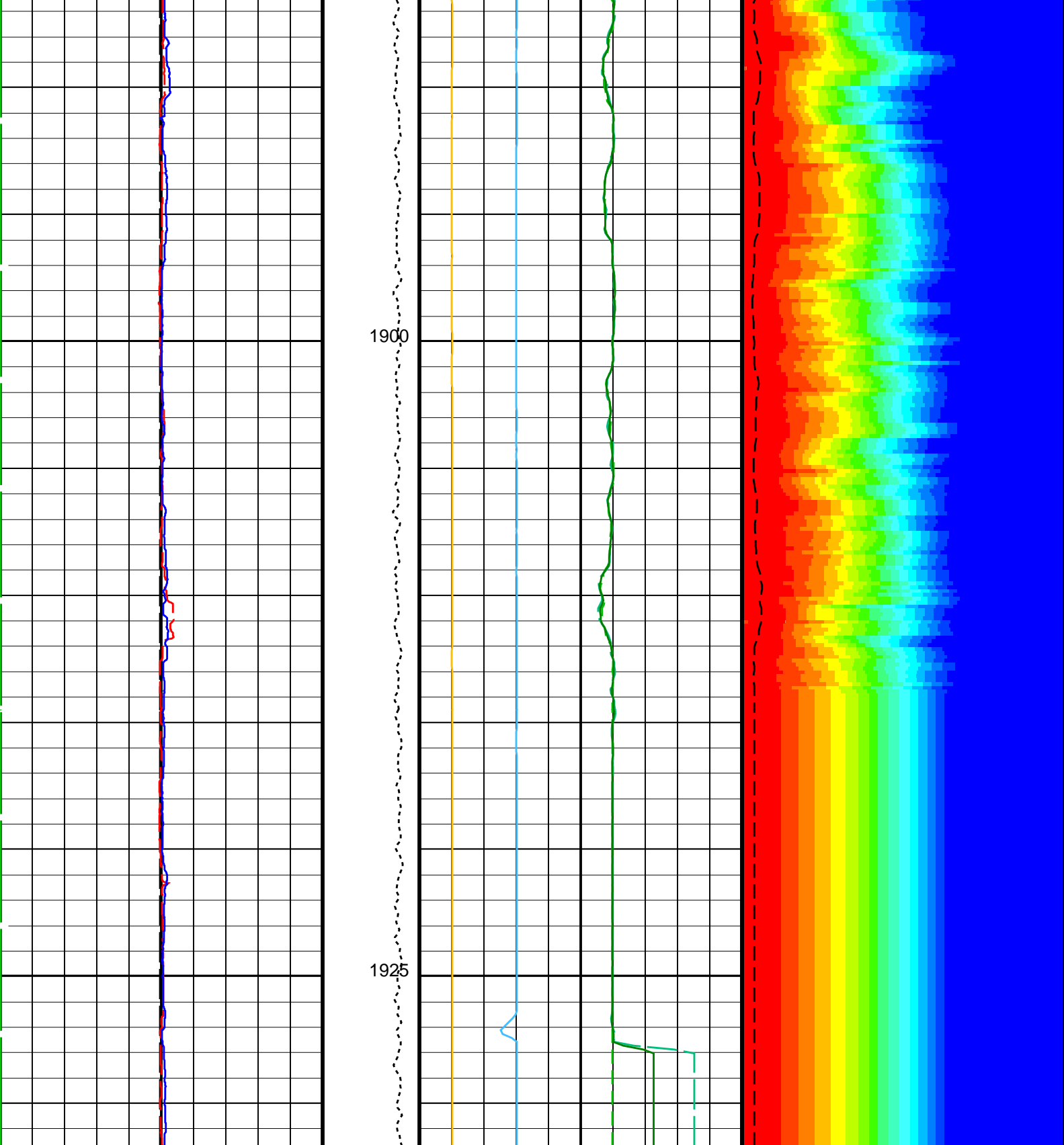












0	Gamma Ray (GR_EDTC)	150	440	Delta-T Stoneley / TA (DT31)	40
	(GAPI)			(US/F)	
				Delta-T Stoneley (DTST)	
			440	(US/F)	40

### 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	EVEN
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	NORMAL

Format: DSST\_STONELEY\_VDL\_COLOR Vertical Scale: 1:200 Graphics File Created: 30-May-2023 17:00

### 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	FMS_DSI_NGS_096LUP	FN:92	PRODUCER	27-May-2023 16:41	1931.7 M	932.1 M
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### Output DLIS Files

DEFAULT	FMS_DSI_NGS_122PUP	FN:116	PRODUCER	30-May-2023 17:00
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Input DLIS Files

DEFAULT FMS\_DSI\_NGS\_096LUP FN:92 PRODUCER 27-May-2023 16:41 1931.7 M 932.1 M

Output DLIS Files

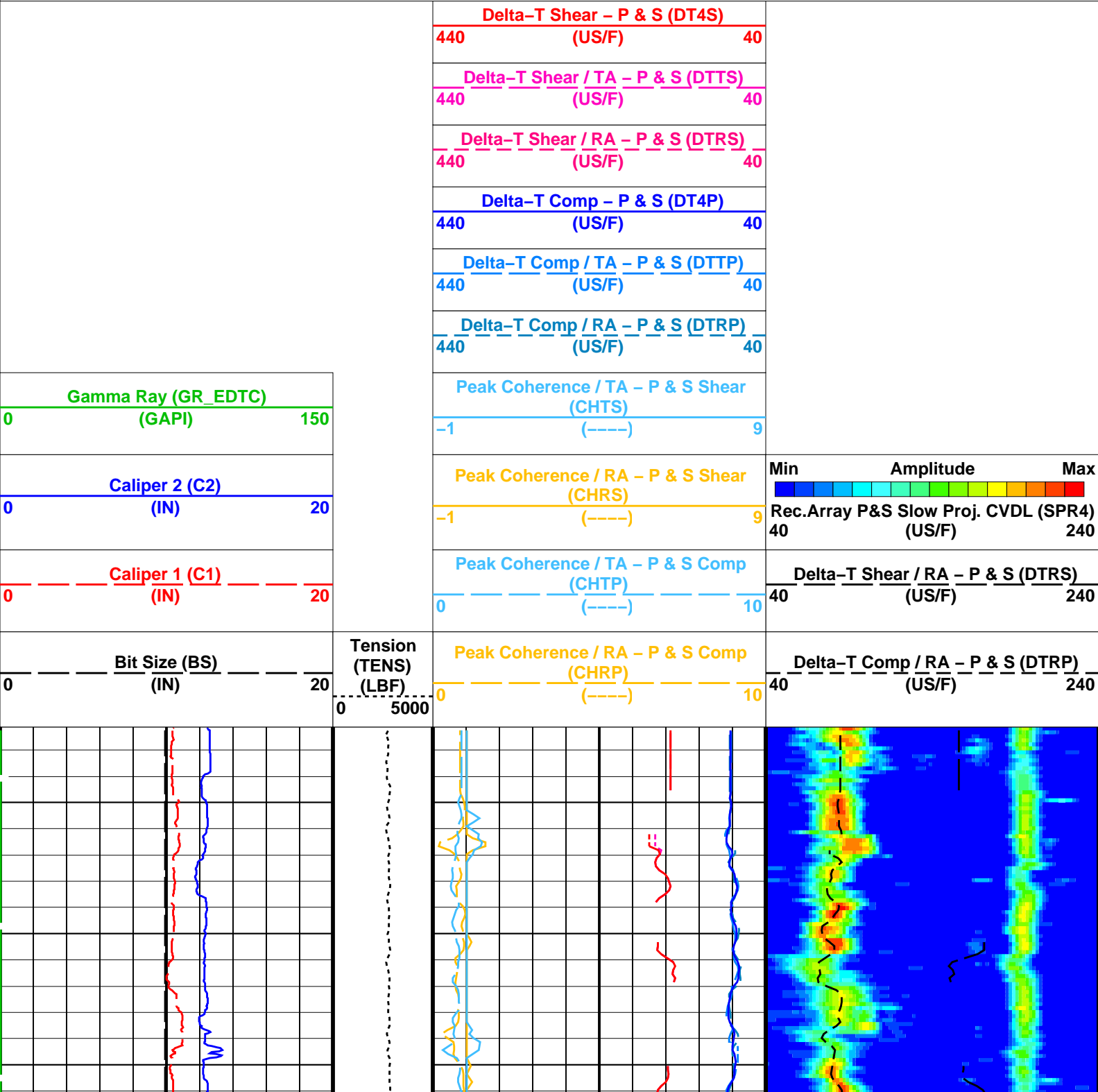
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OP System Version: 19C0-187

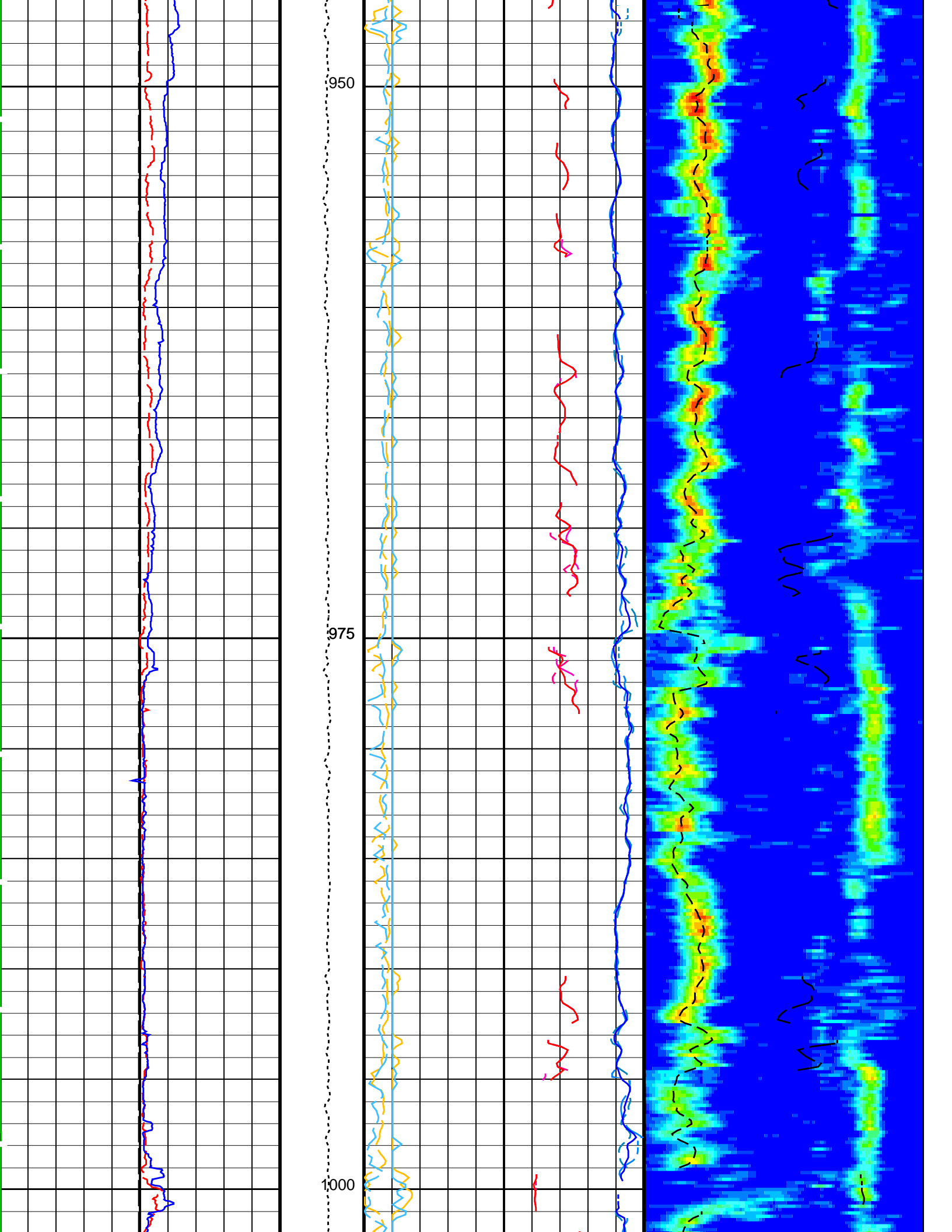
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DSST-B 19C0-187 HNGC-B 19C0-187  
HNGS-BA 19C0-187 EDTC-B 19C0-187

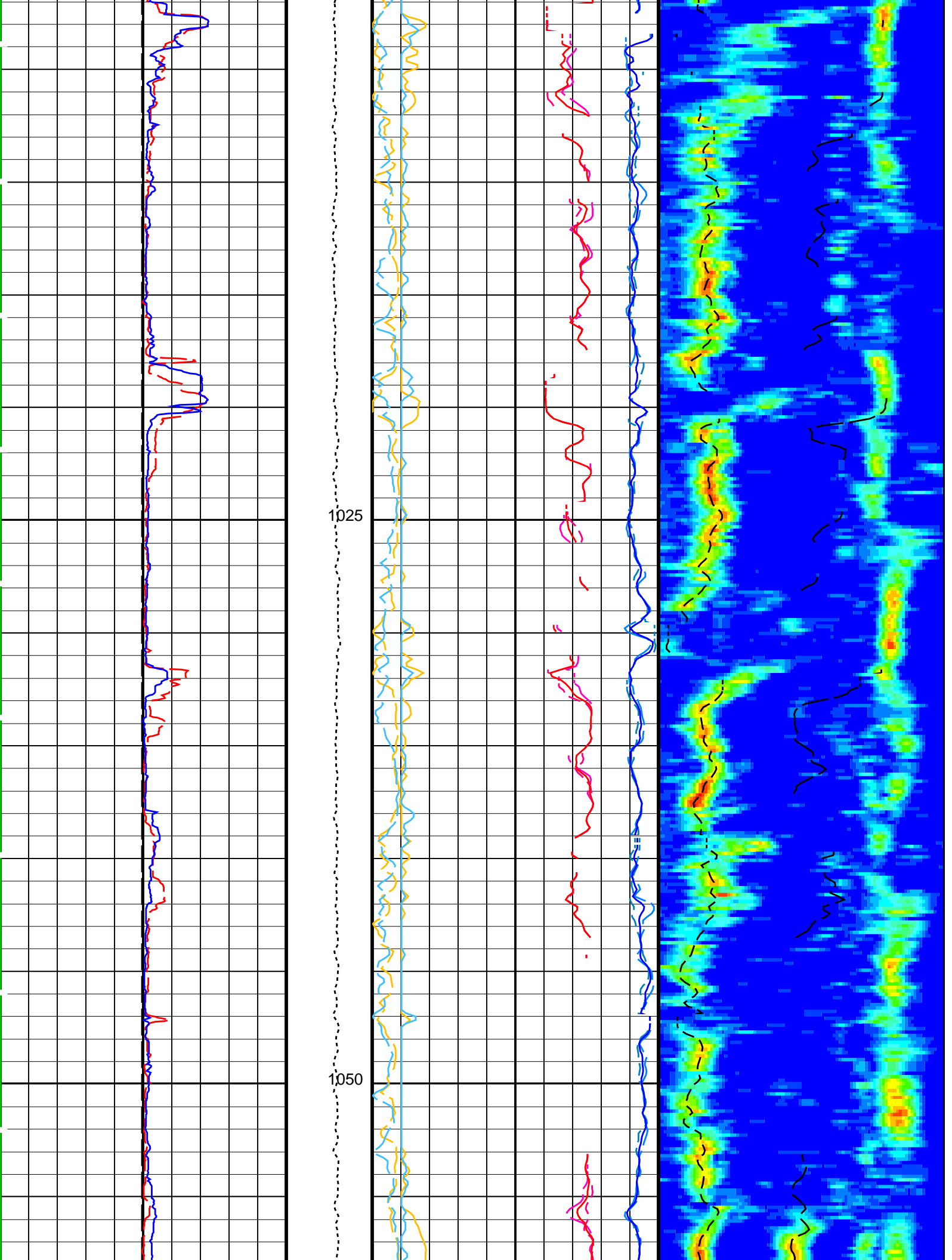
PIP SUMMARY

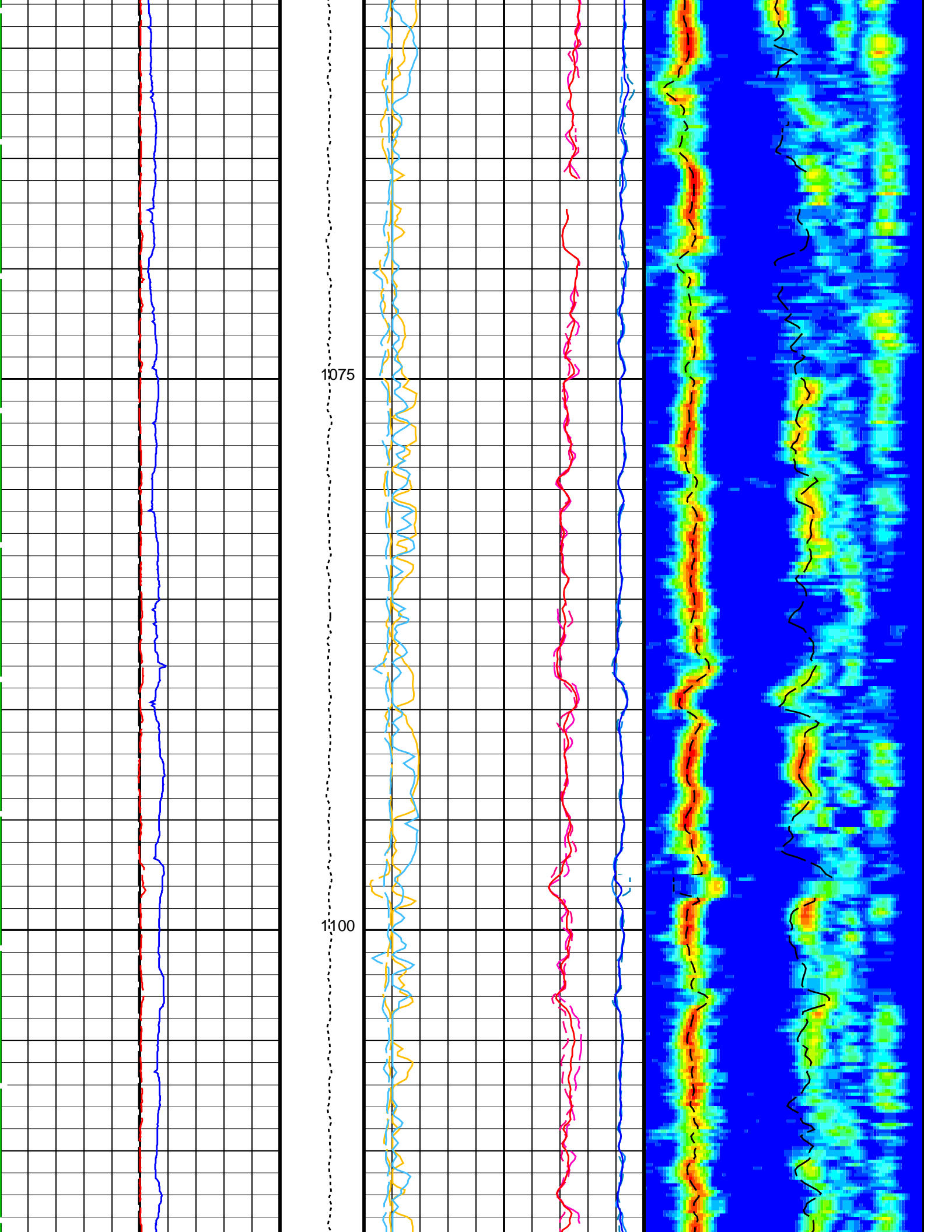
Time Mark Every 60 S

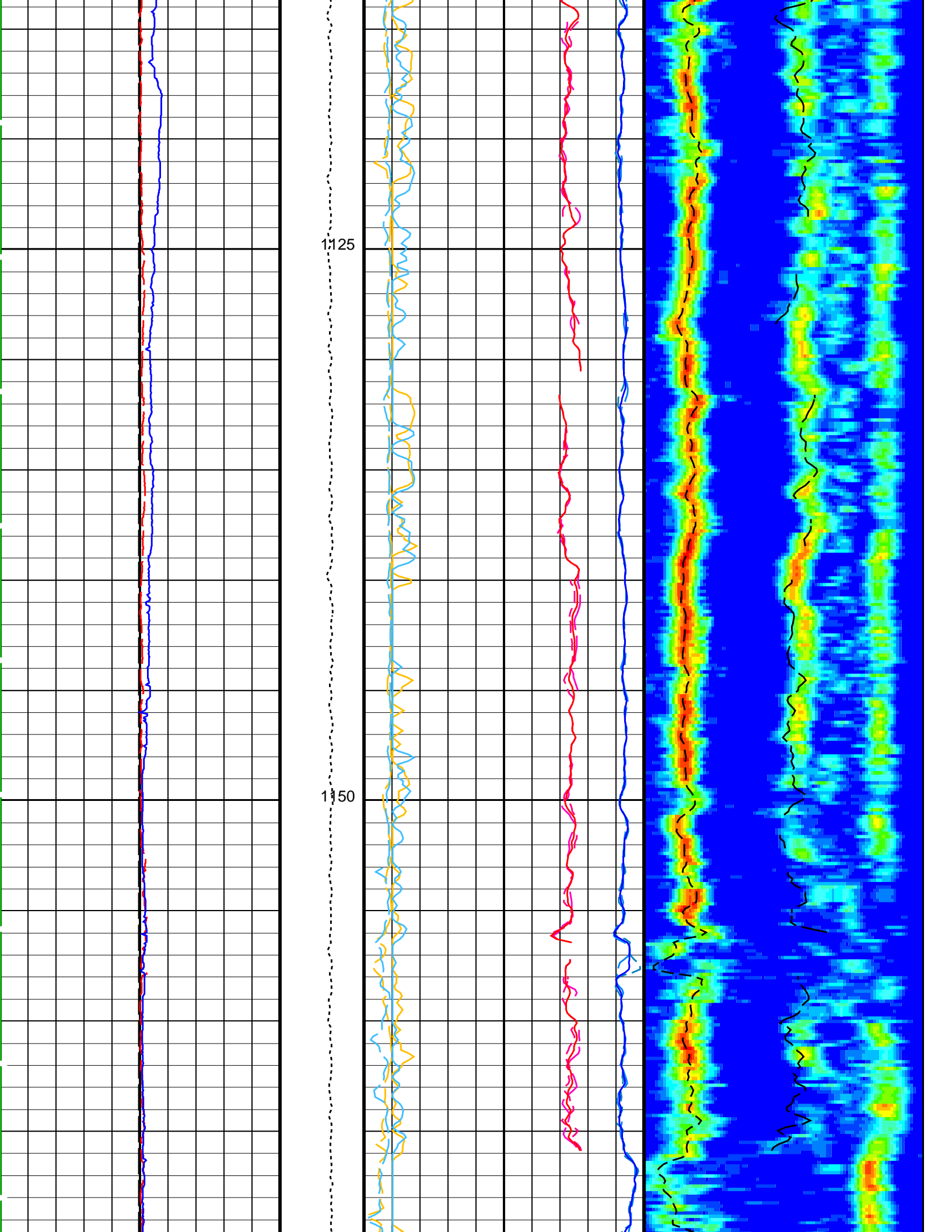


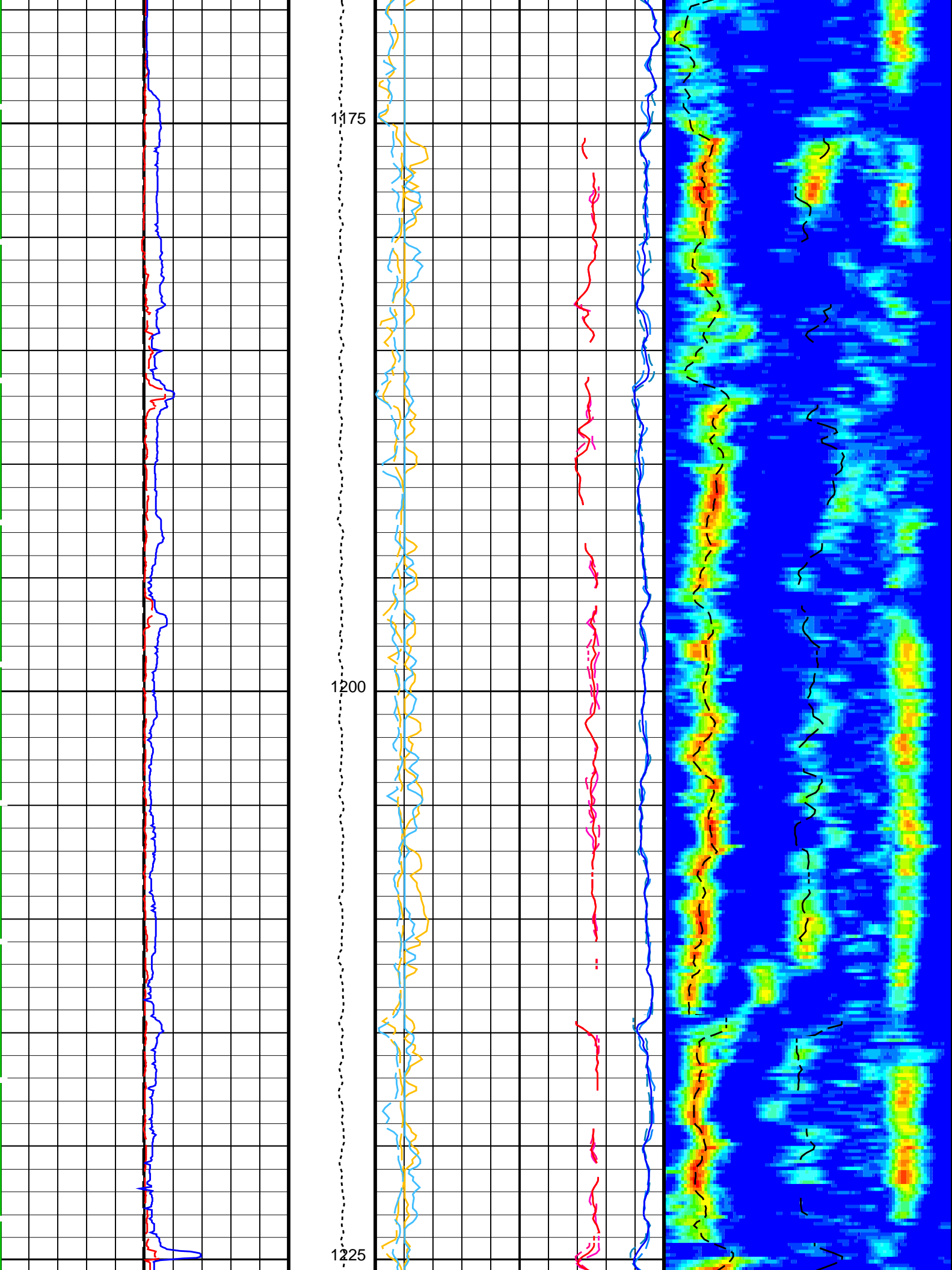


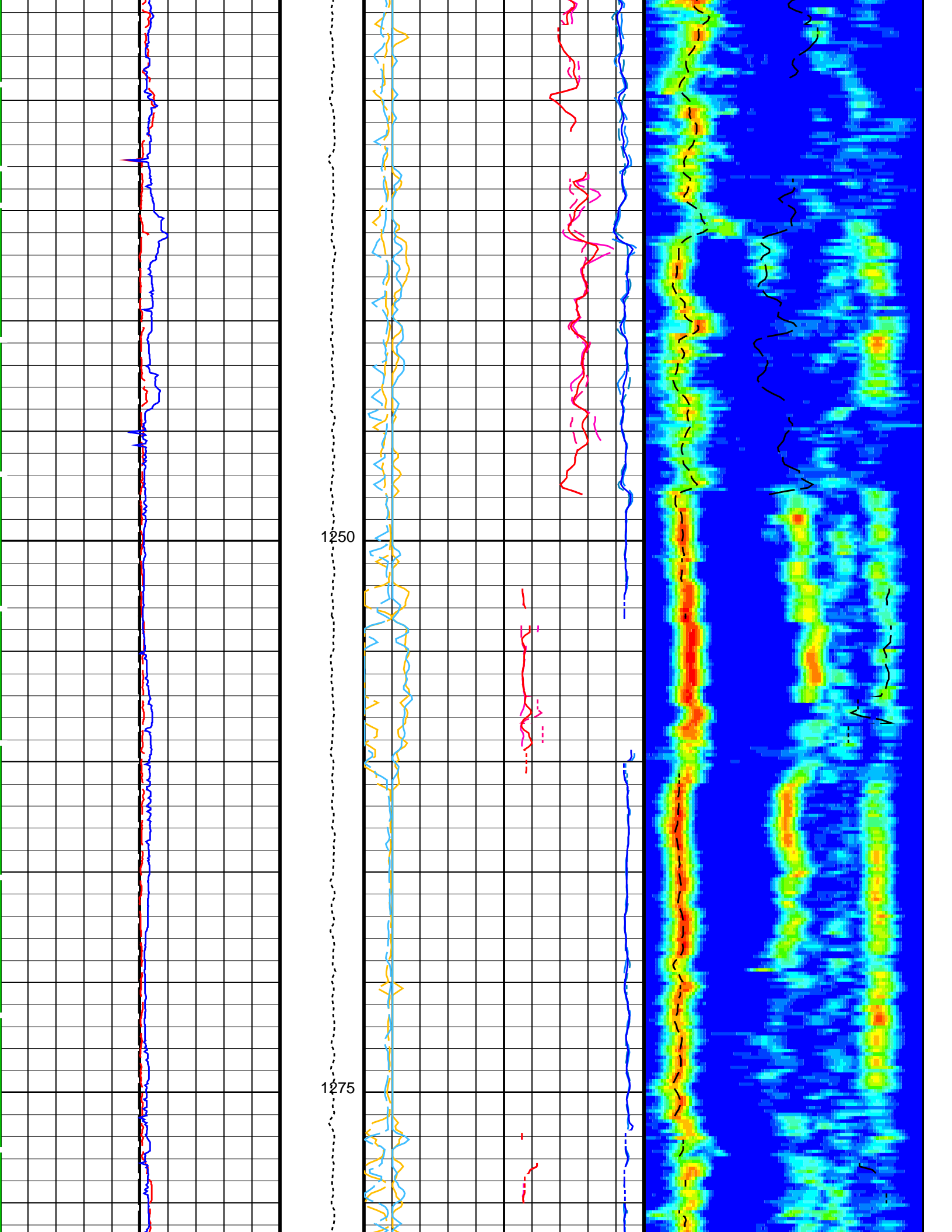


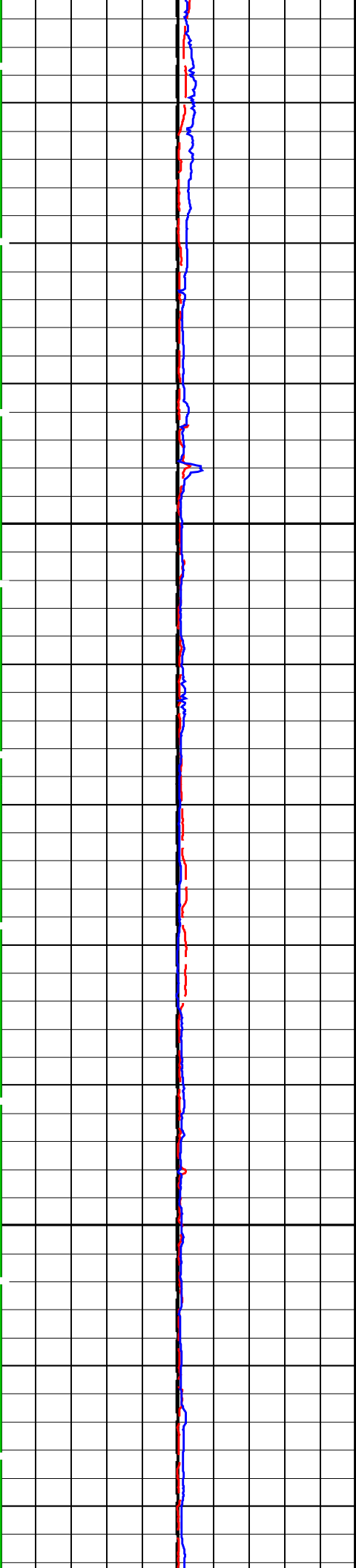






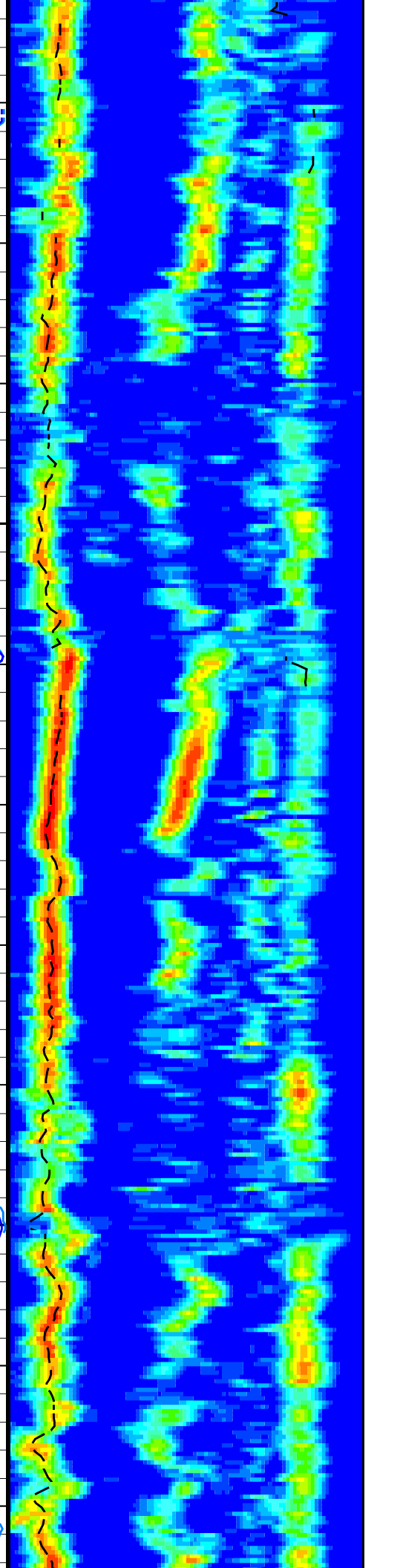
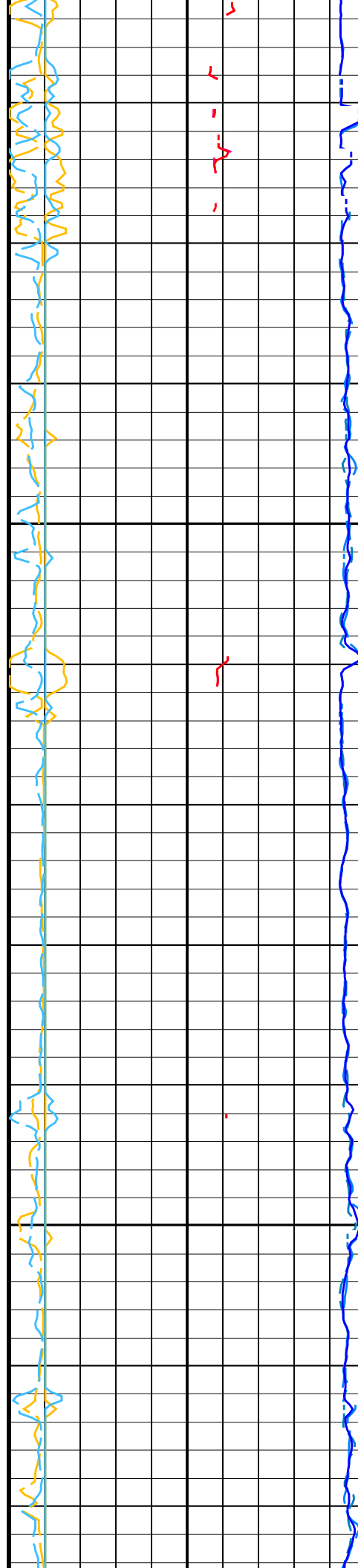


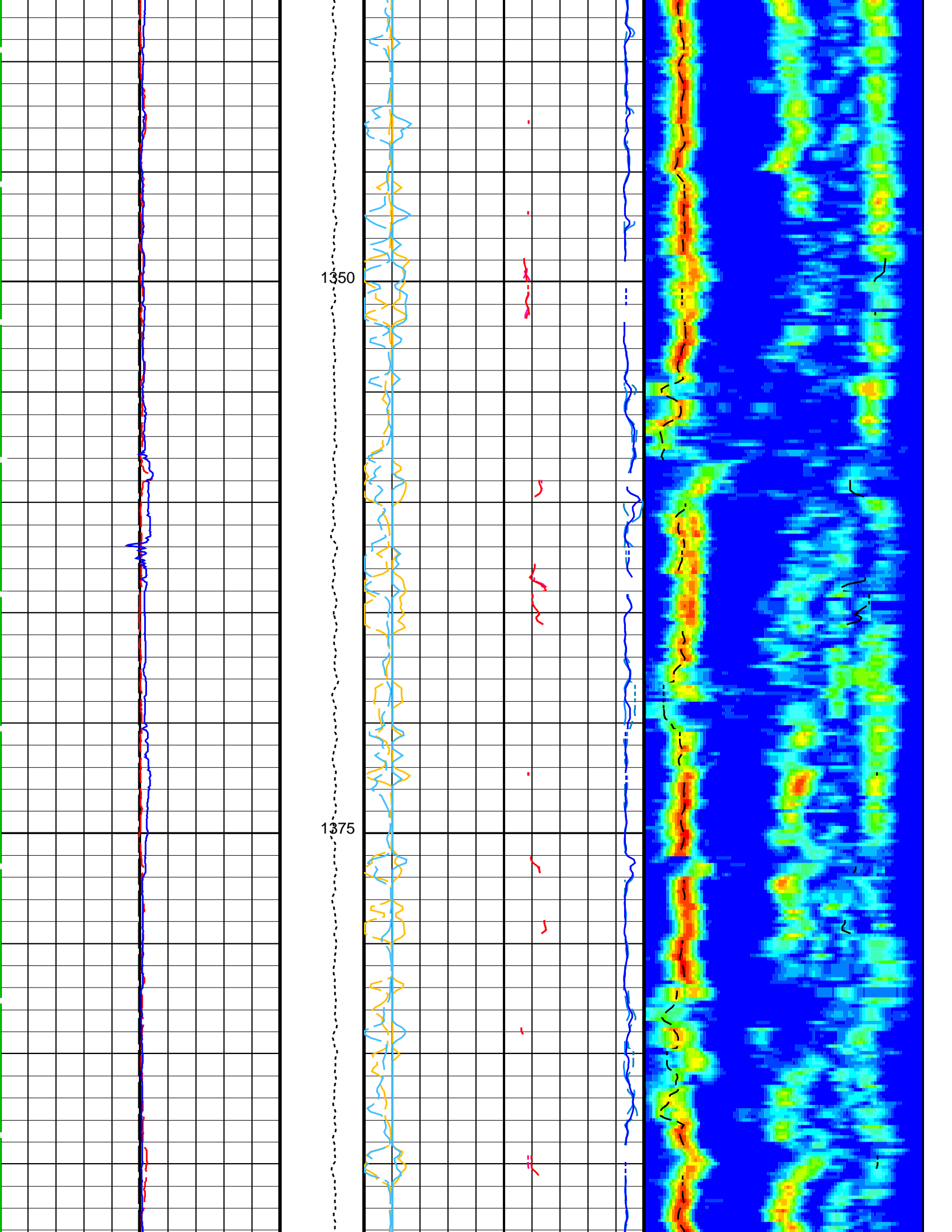




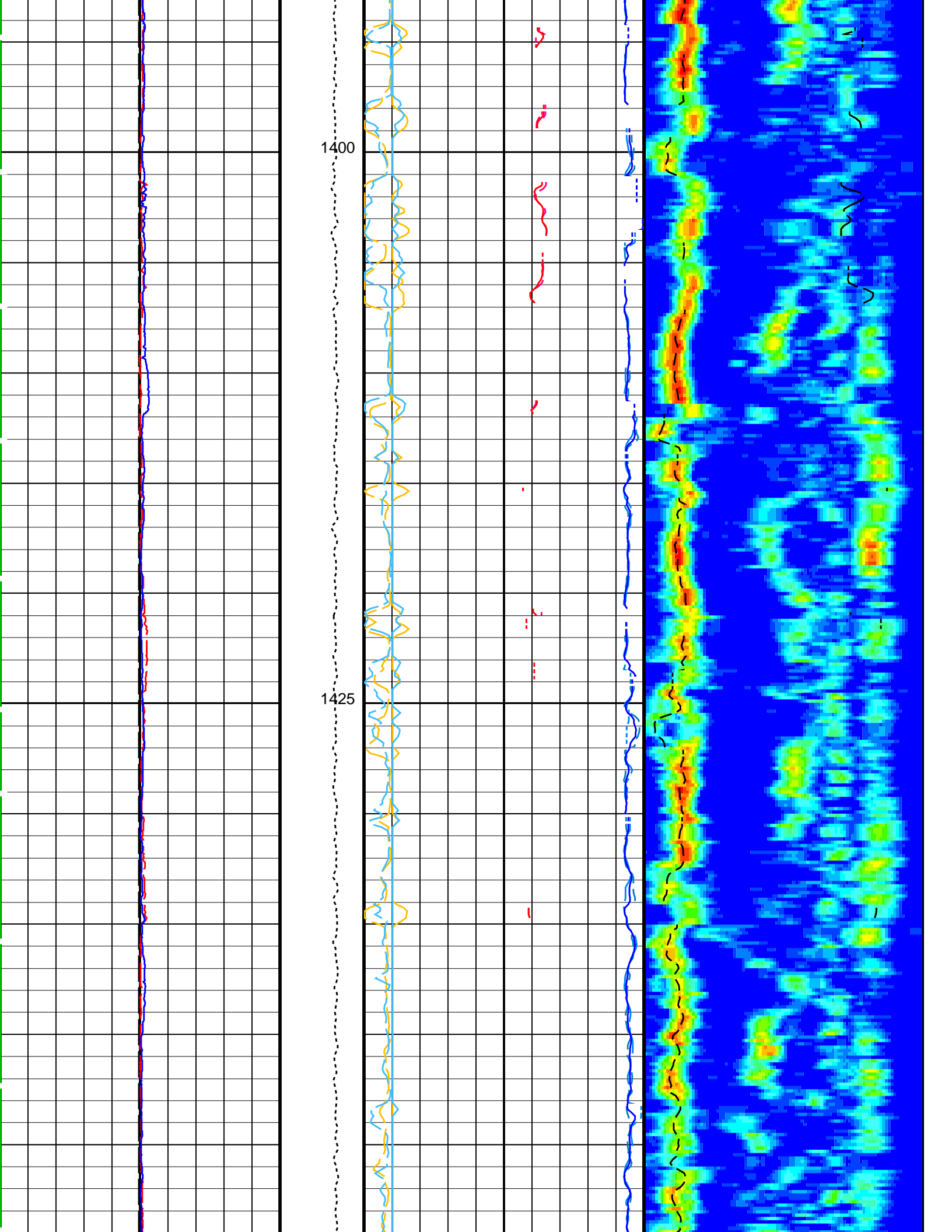
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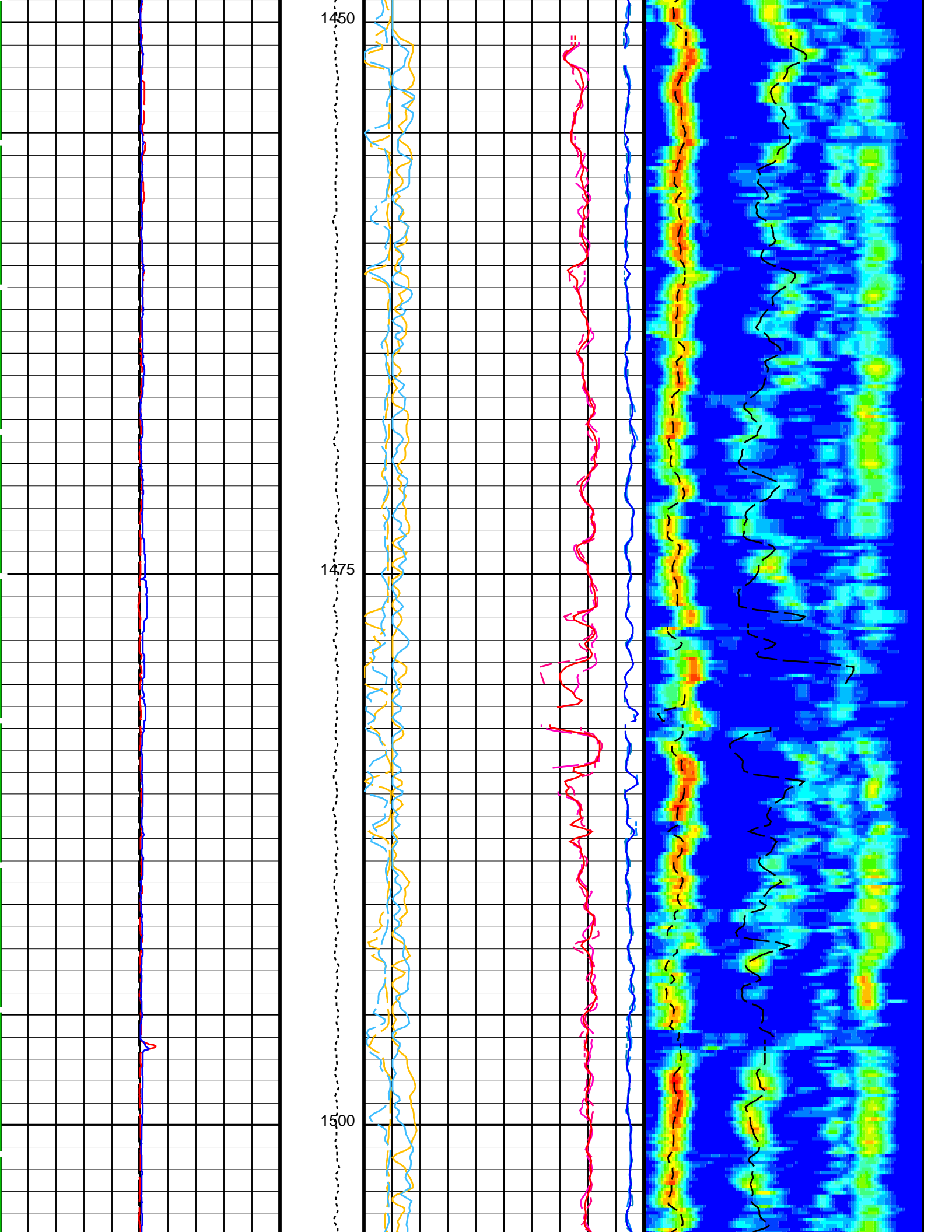
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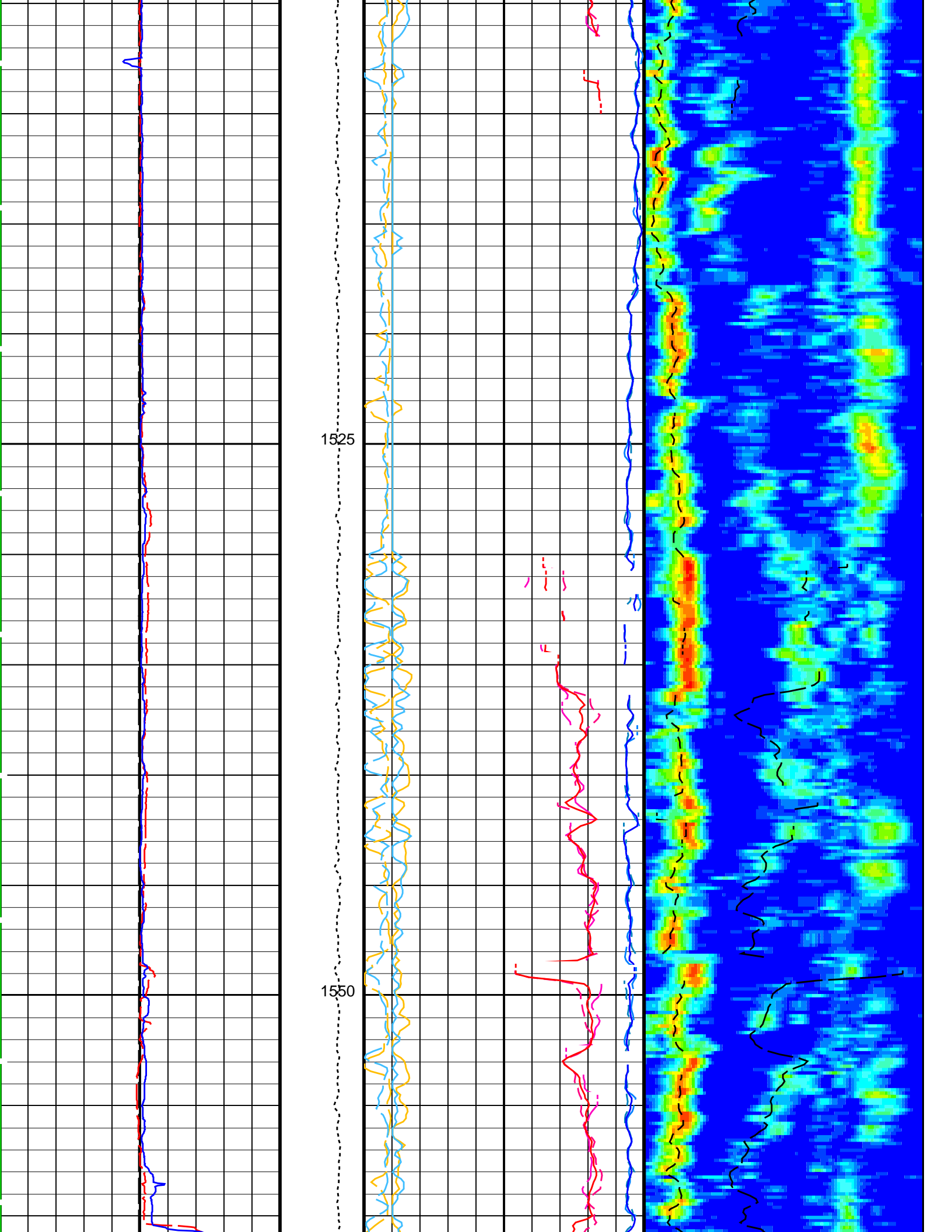


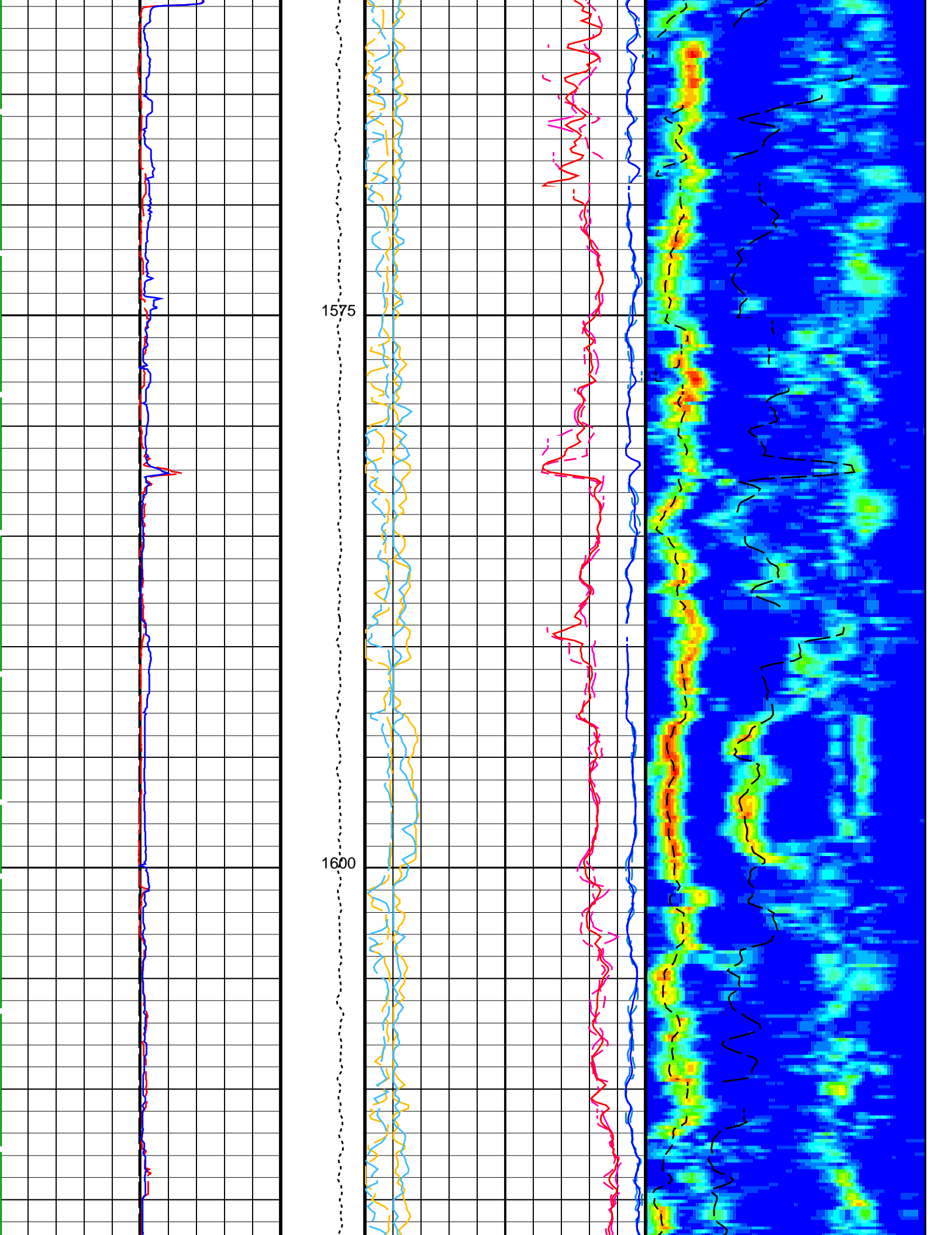


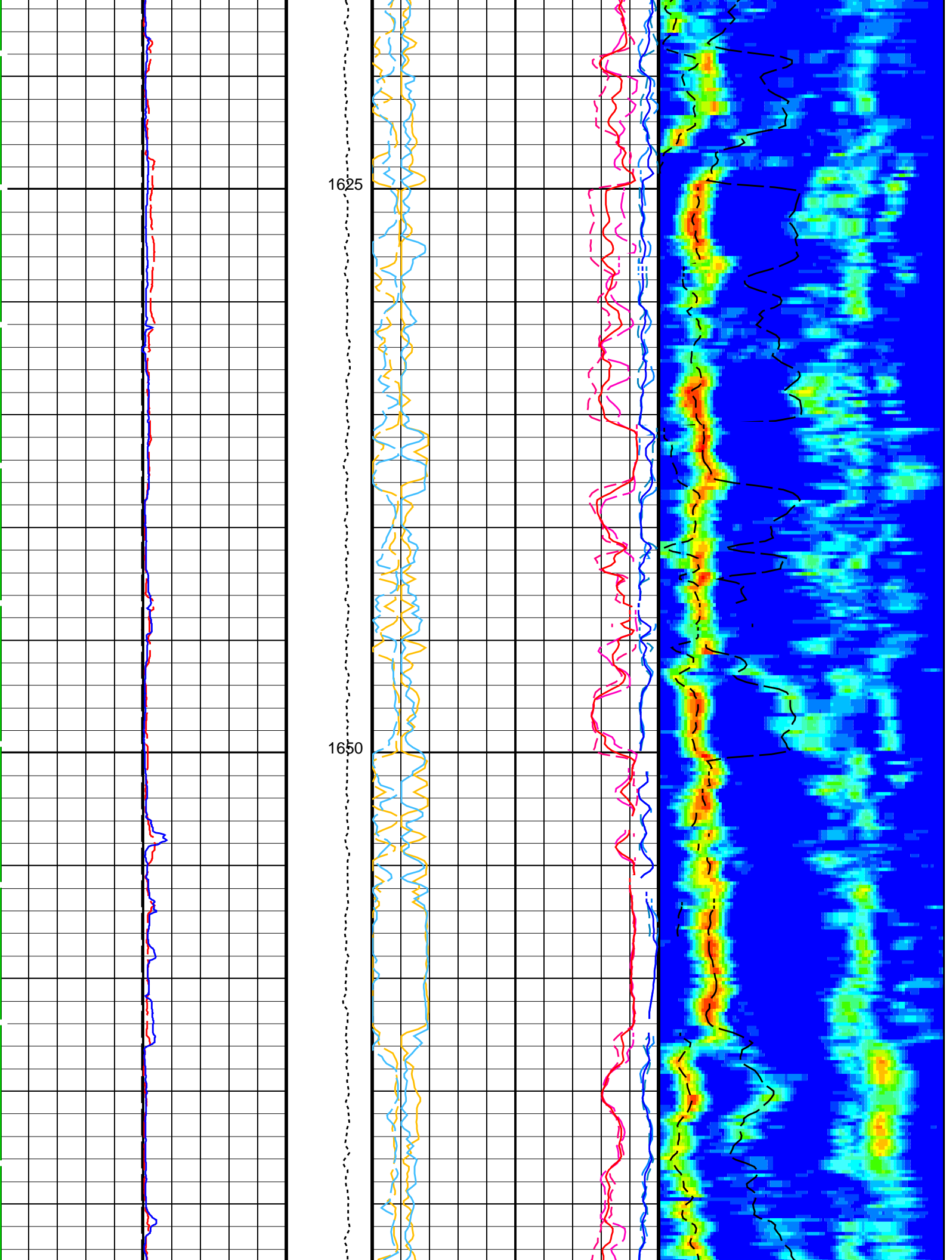


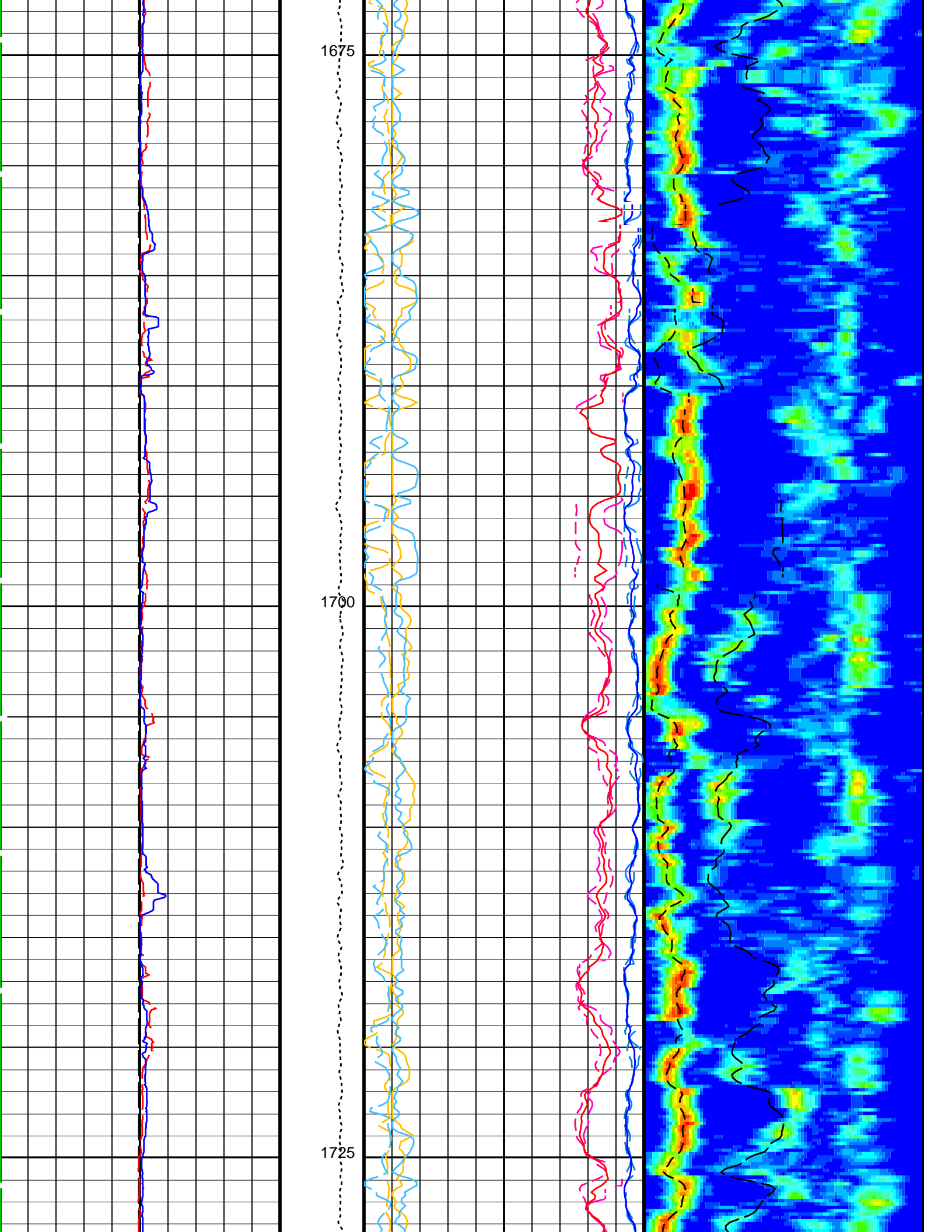


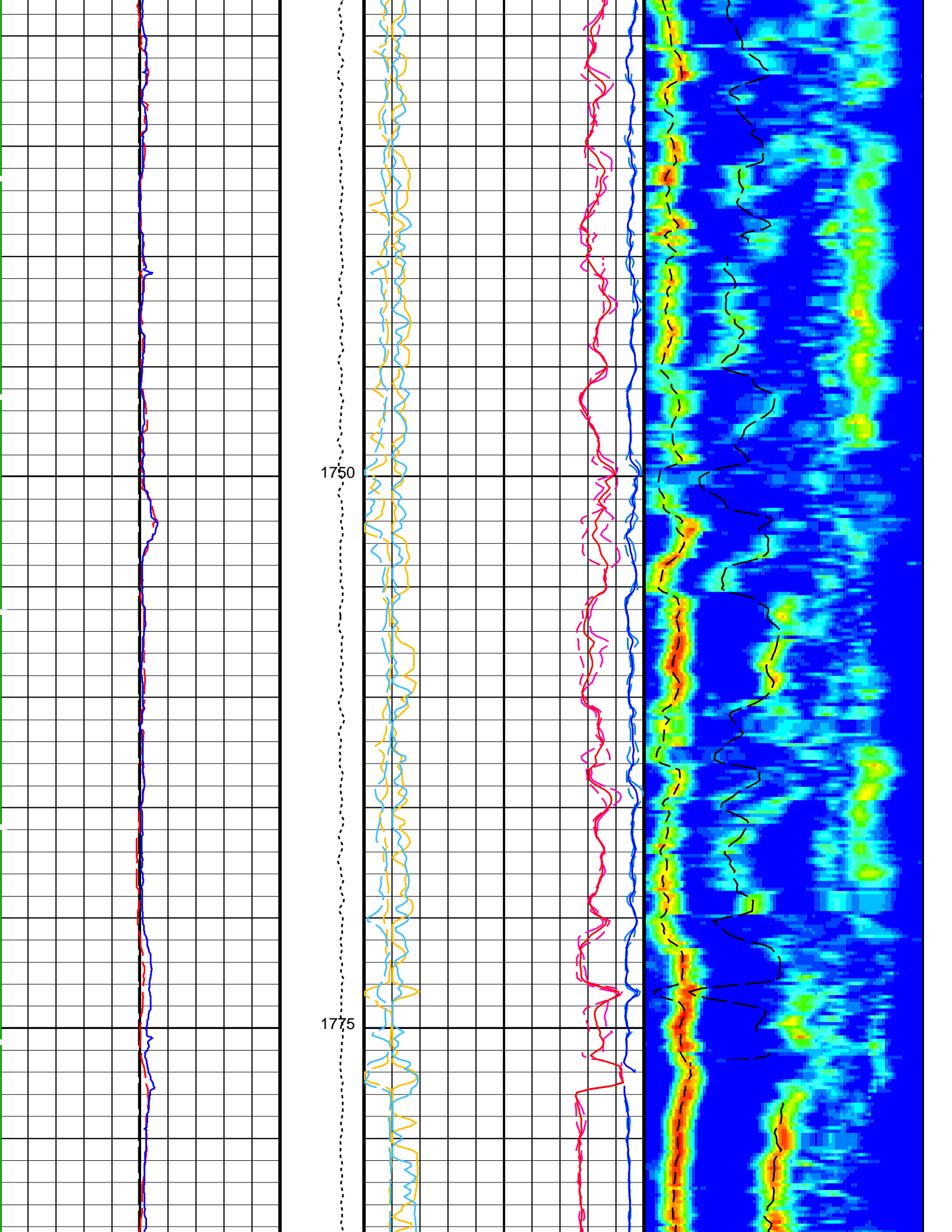


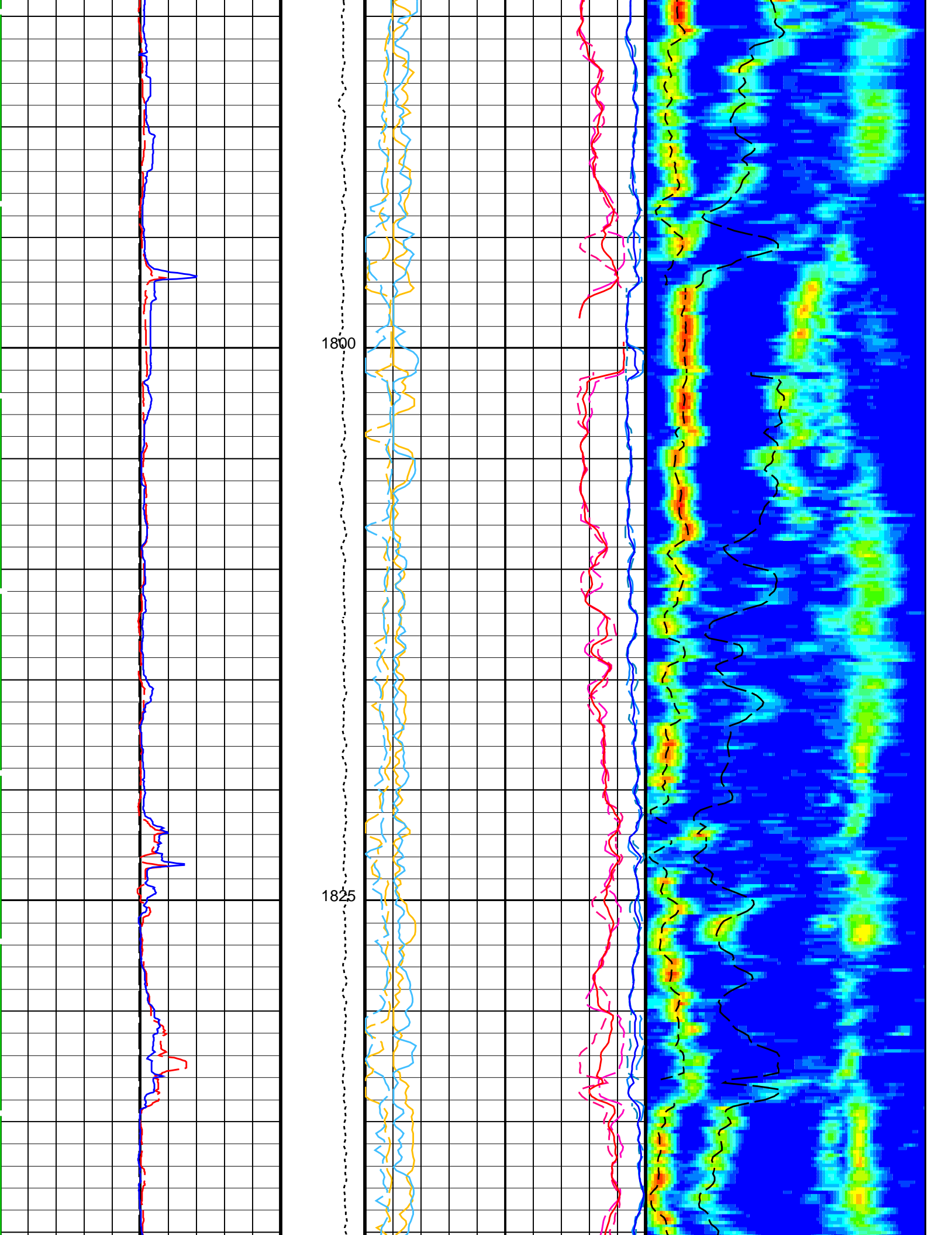




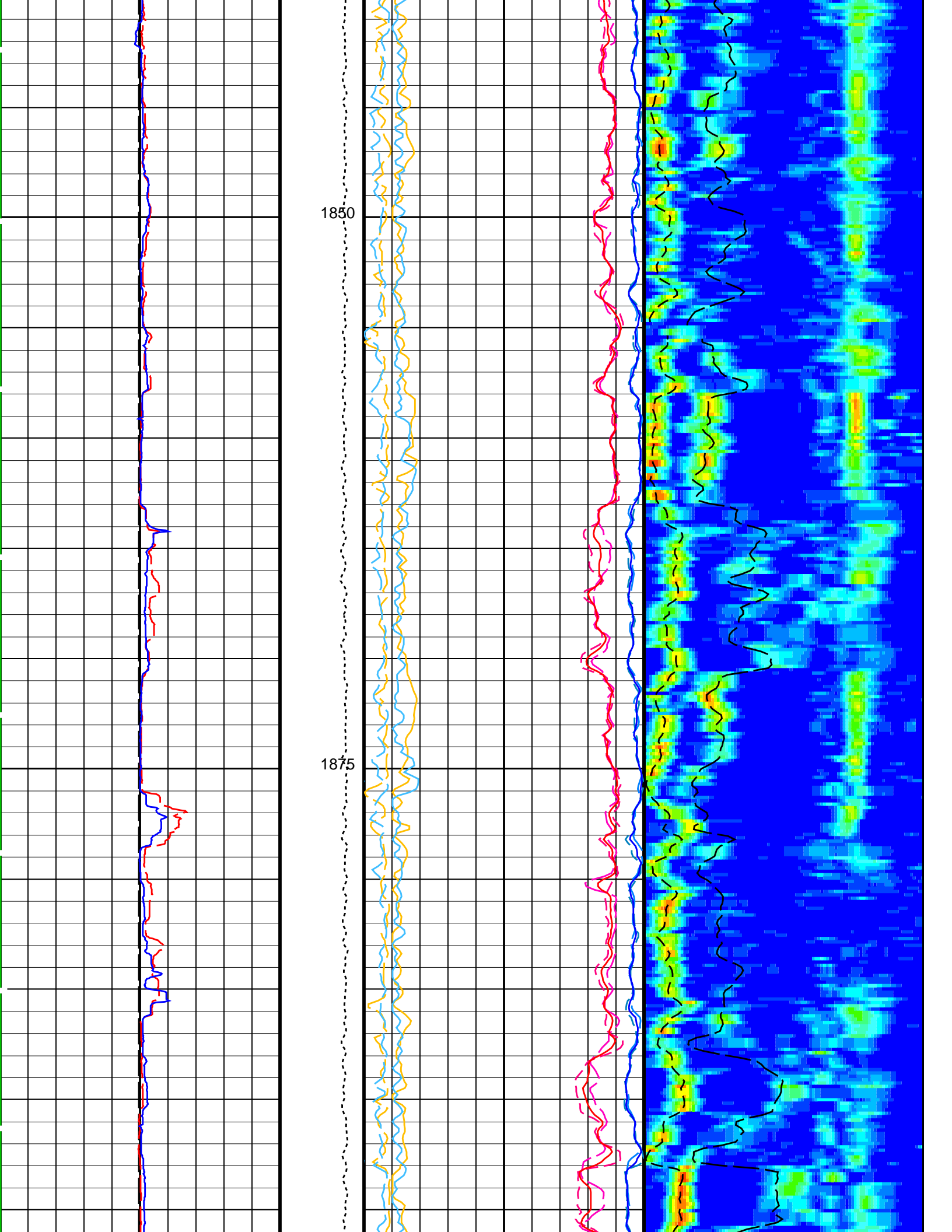


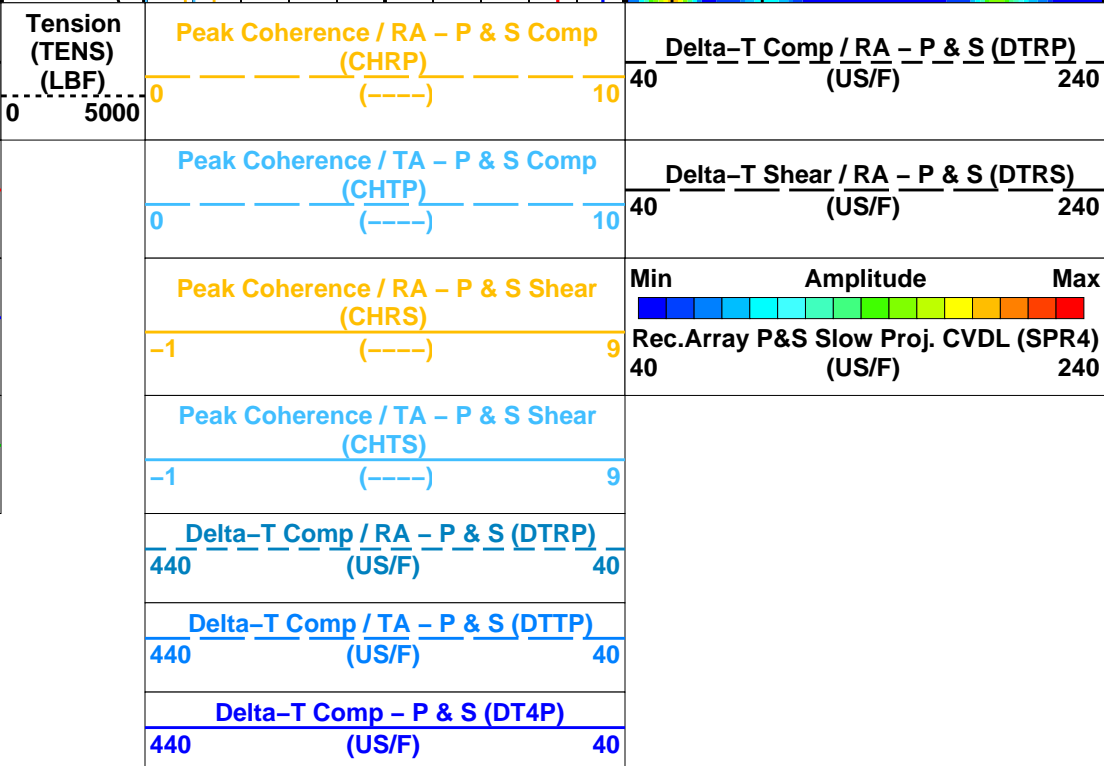
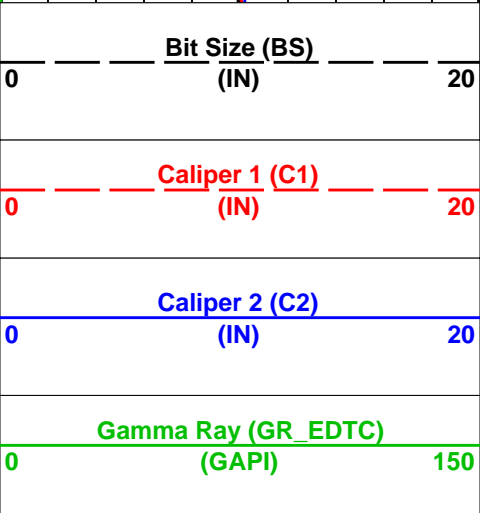
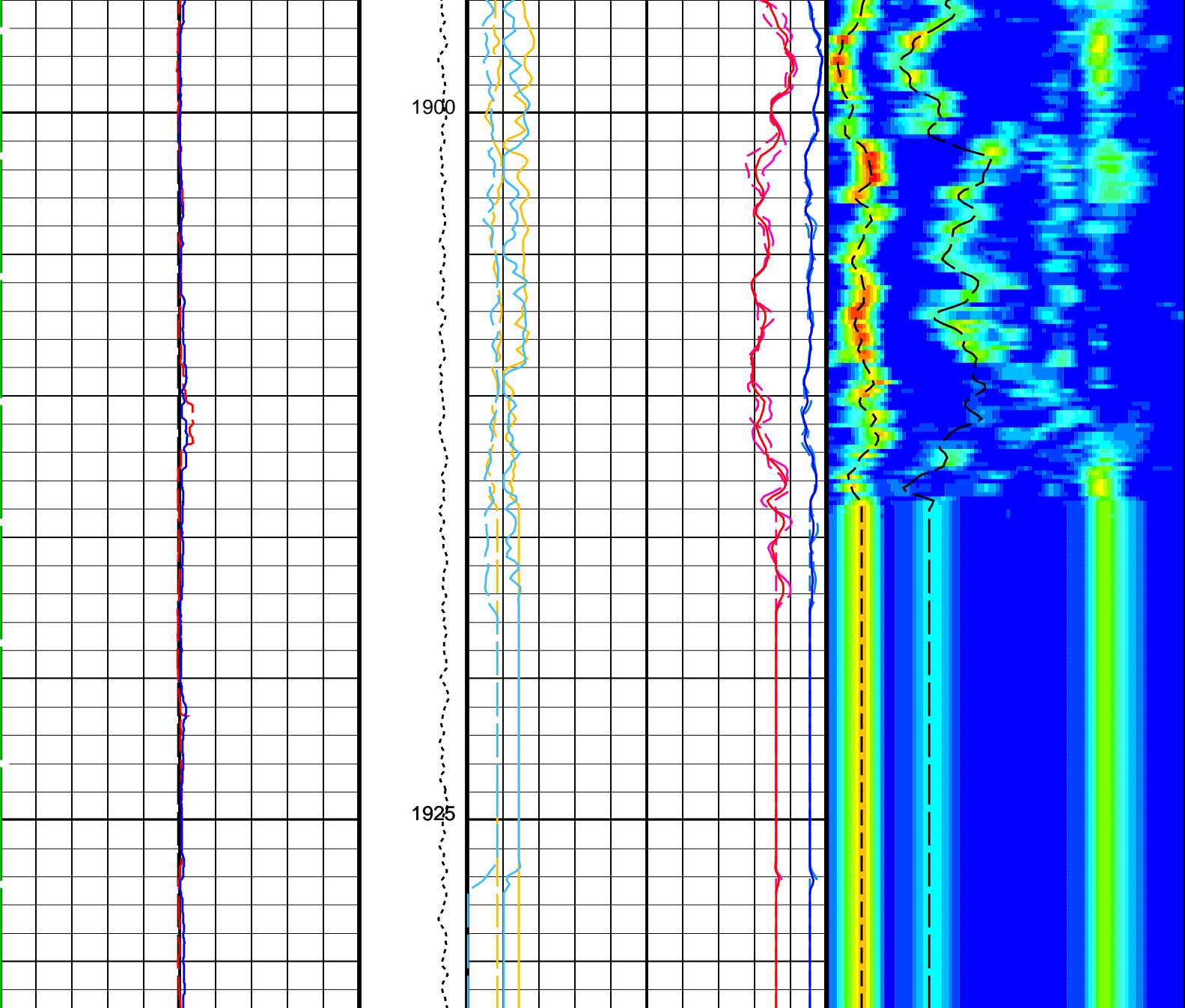












Delta-T Shear / RA - P & S (DTRS)		
440	(US/F)	40
Delta-T Shear / TA - P & S (DTTS)		
440	(US/F)	40
Delta-T Shear - P & S (DT4S)		
440	(US/F)	40

# 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	110	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	
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	ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO4	STC Search Band Offset – 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	140	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	240	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	
HNGB–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	NORMAL	

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	FMS_DSI_NGS_096LUP	FN:92	PRODUCER	27-May-2023 16:41	1931.7 M 932.1 M

Output DLIS Files					
DEFAULT	FMS_DSI_NGS_122PUP	FN:116	PRODUCER	30-May-2023 17:00	

Input DLIS Files					
DEFAULT	FMS_DSI_NGS_096LUP	FN:92	PRODUCER	27-May-2023 16:41	1931.7 M 932.1 M

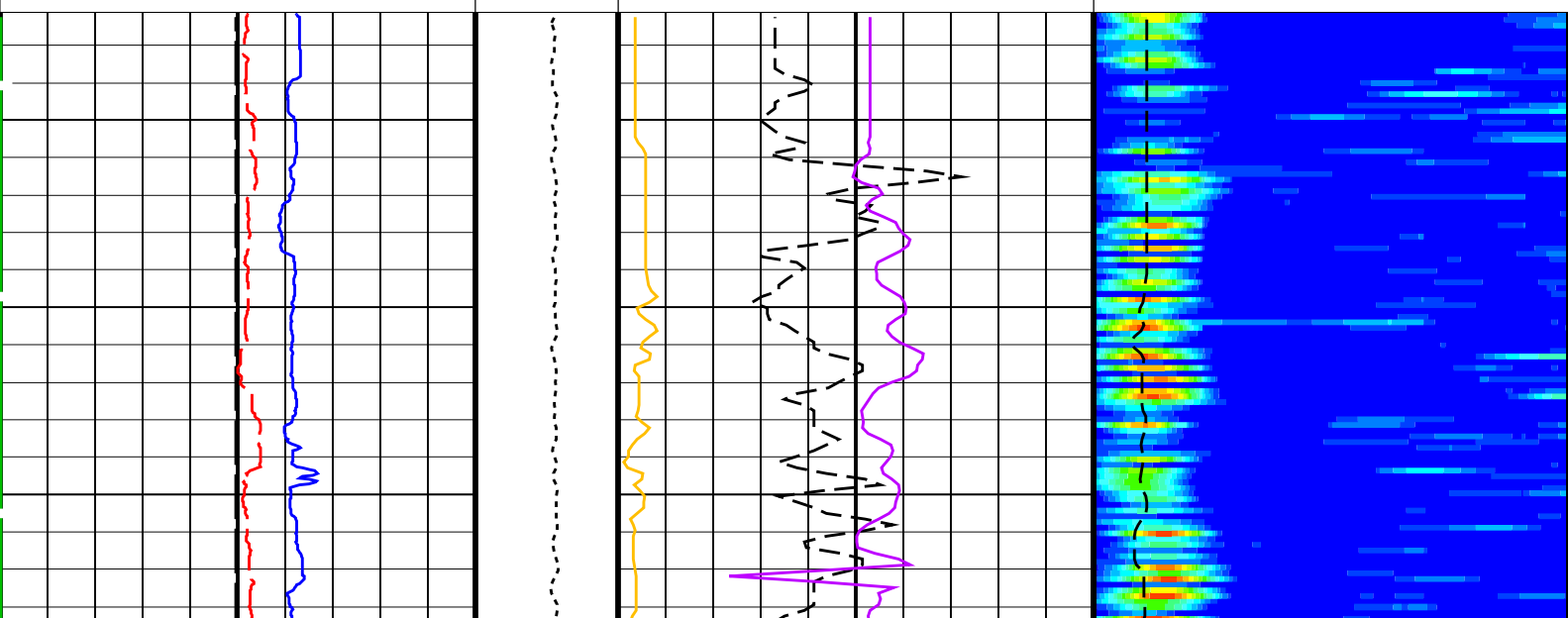
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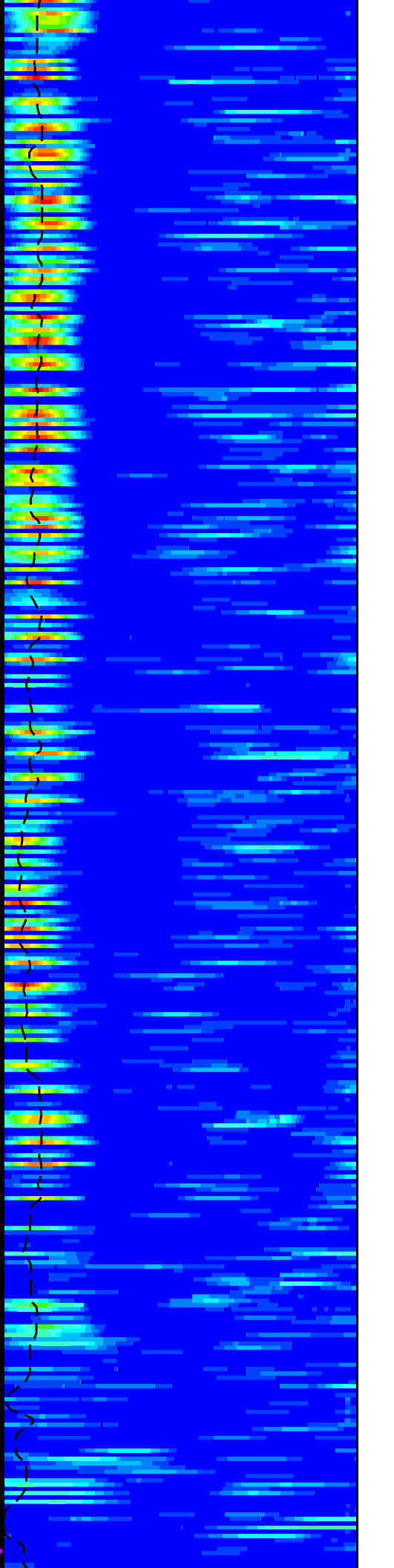
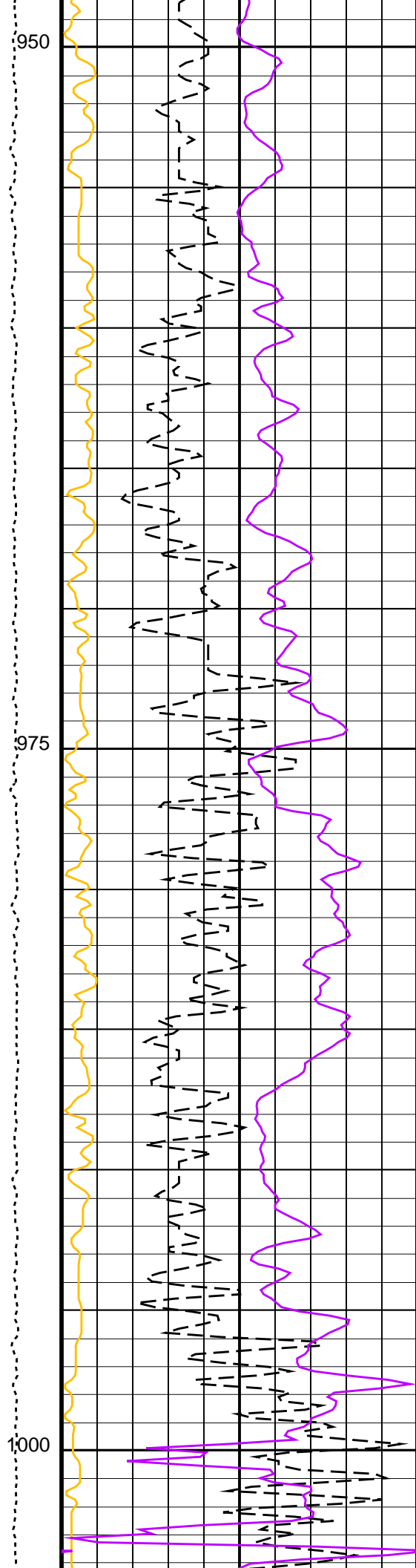
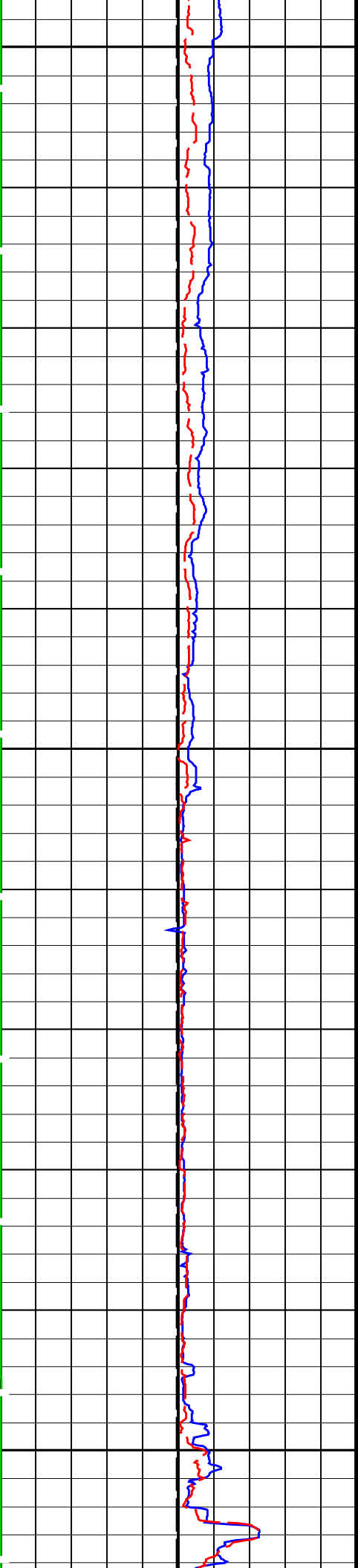
OP System Version: 19C0-187				
MEST-B	19C0-187	DTA-A	19C0-187	
DSST-B	19C0-187	HNGC-B	19C0-187	
HNGS-BA	19C0-187	EDTC-B	19C0-187	

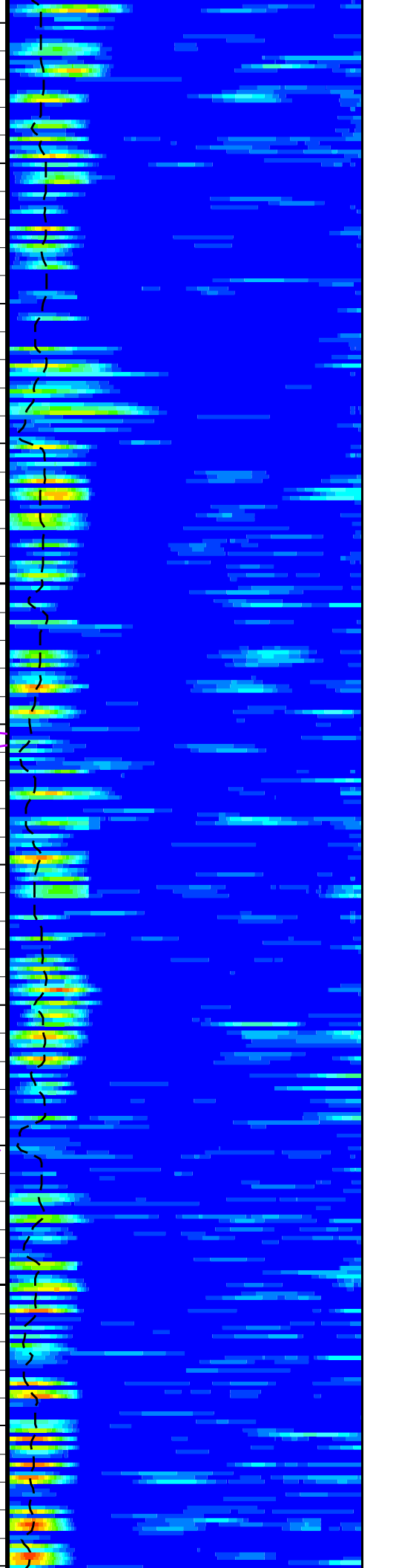
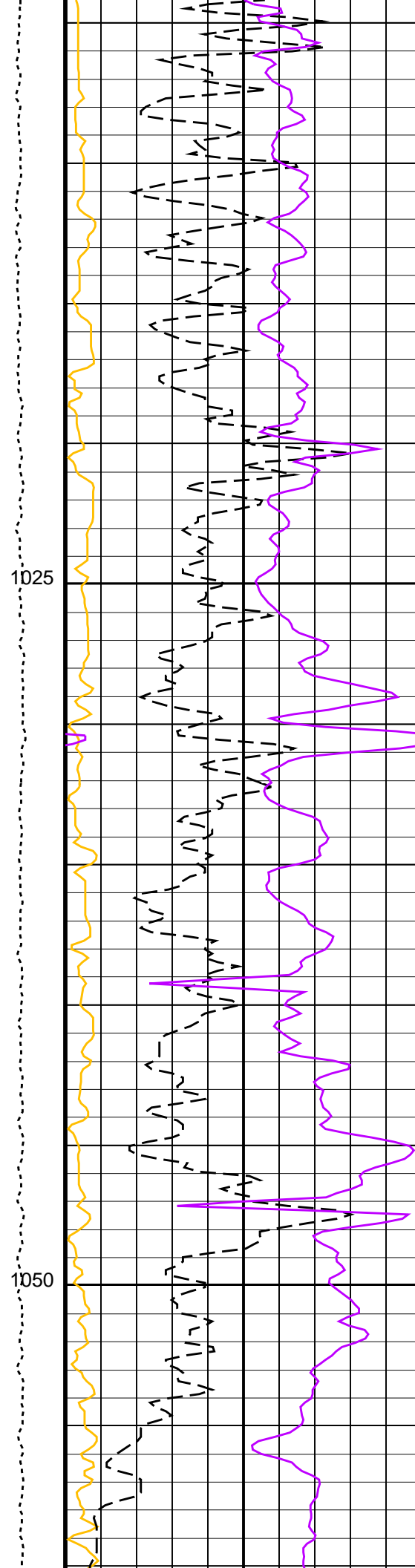
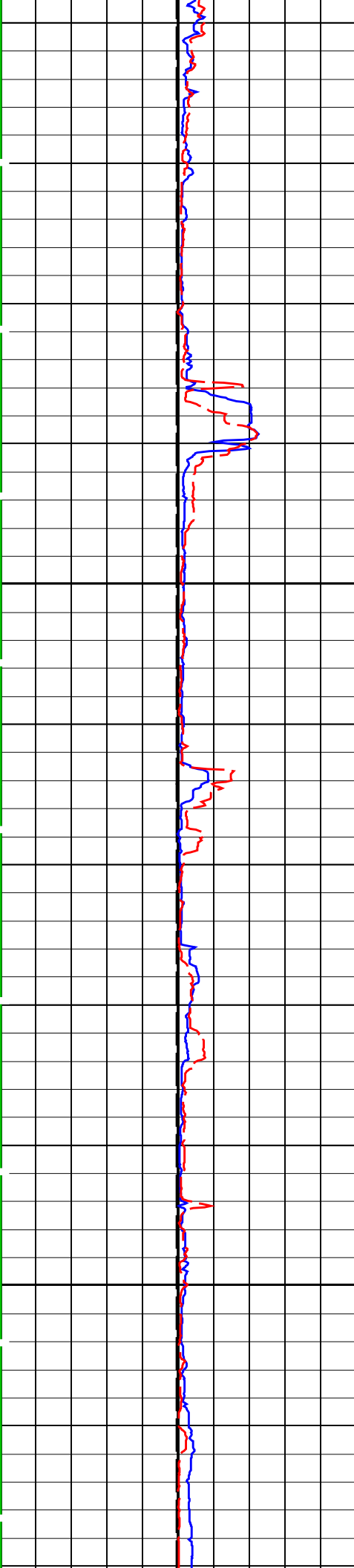
PIP SUMMARY

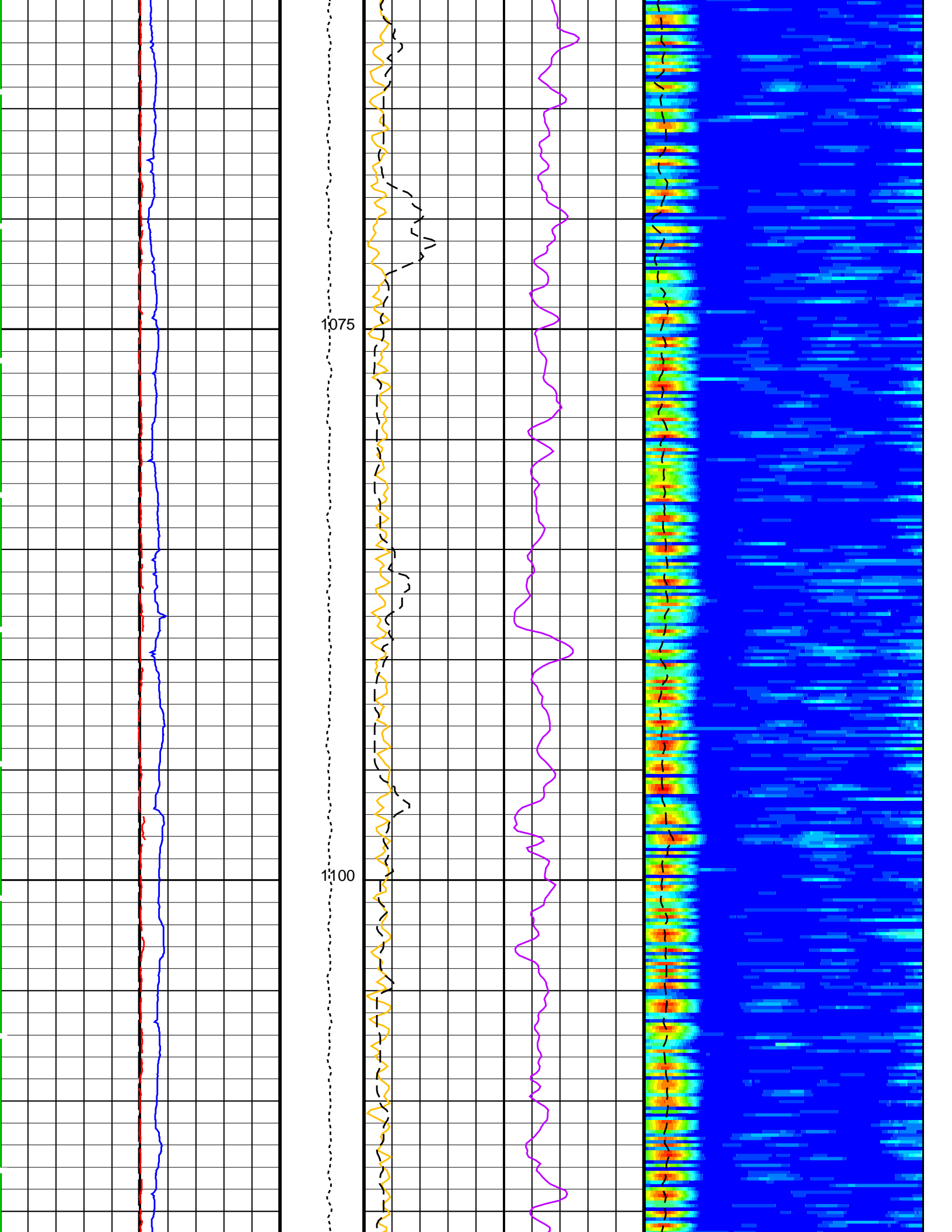
Time Mark Every 60 S

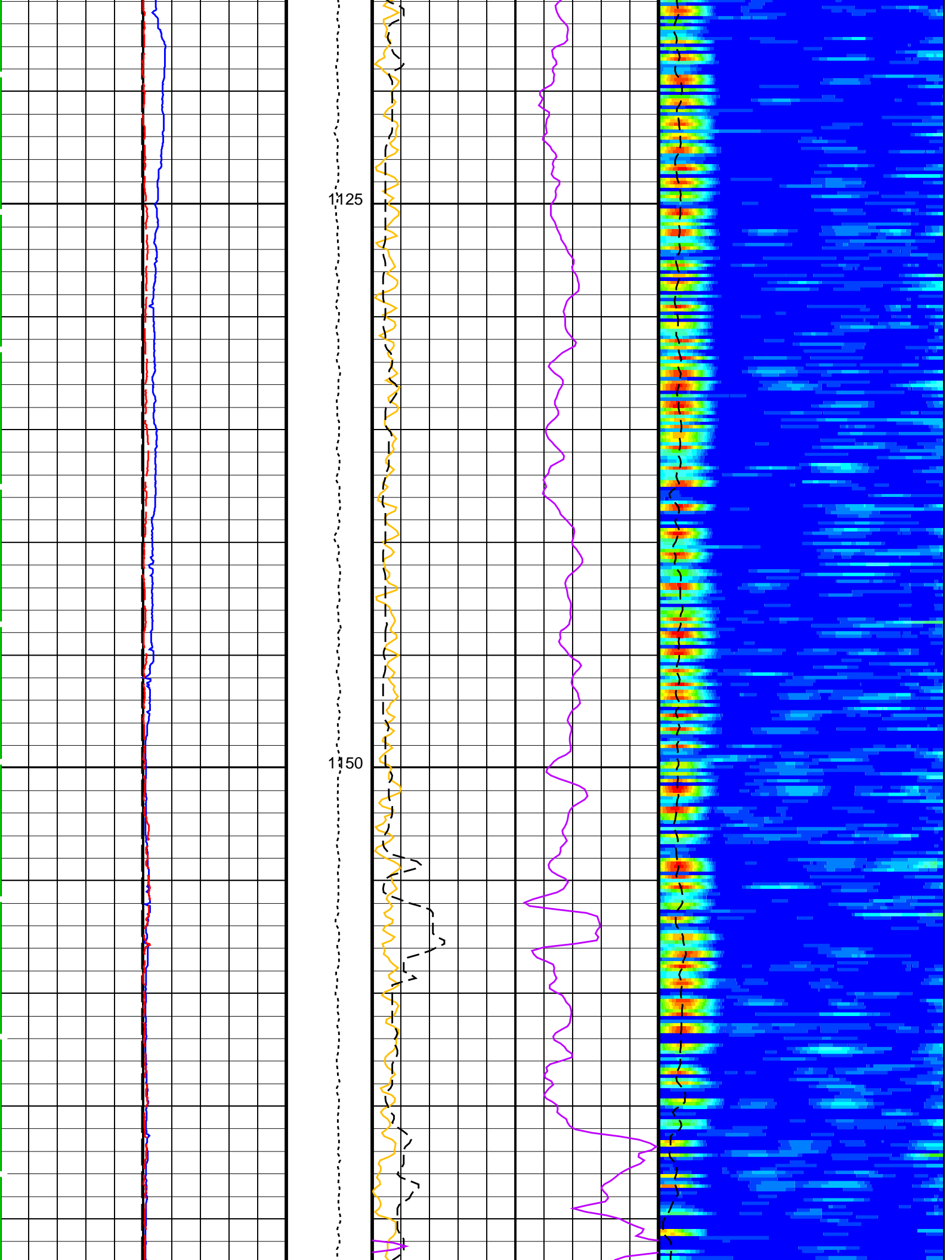
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<p>Caliper 1 (C1)</p> <p>0 (IN) 20</p>		<p>SAM1 Waveform Gain (WFG1)</p> <p>0 (----) 1000</p>	<p>Min Amplitude Max</p> <p>Rec.Array L.Dipole Slow Proj. CVDL (SPR1) (US/F) 75 1200</p>
<p>Caliper 2 (C2)</p> <p>0 (IN) 20</p>			
<p>Bit Size (BS)</p> <p>0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



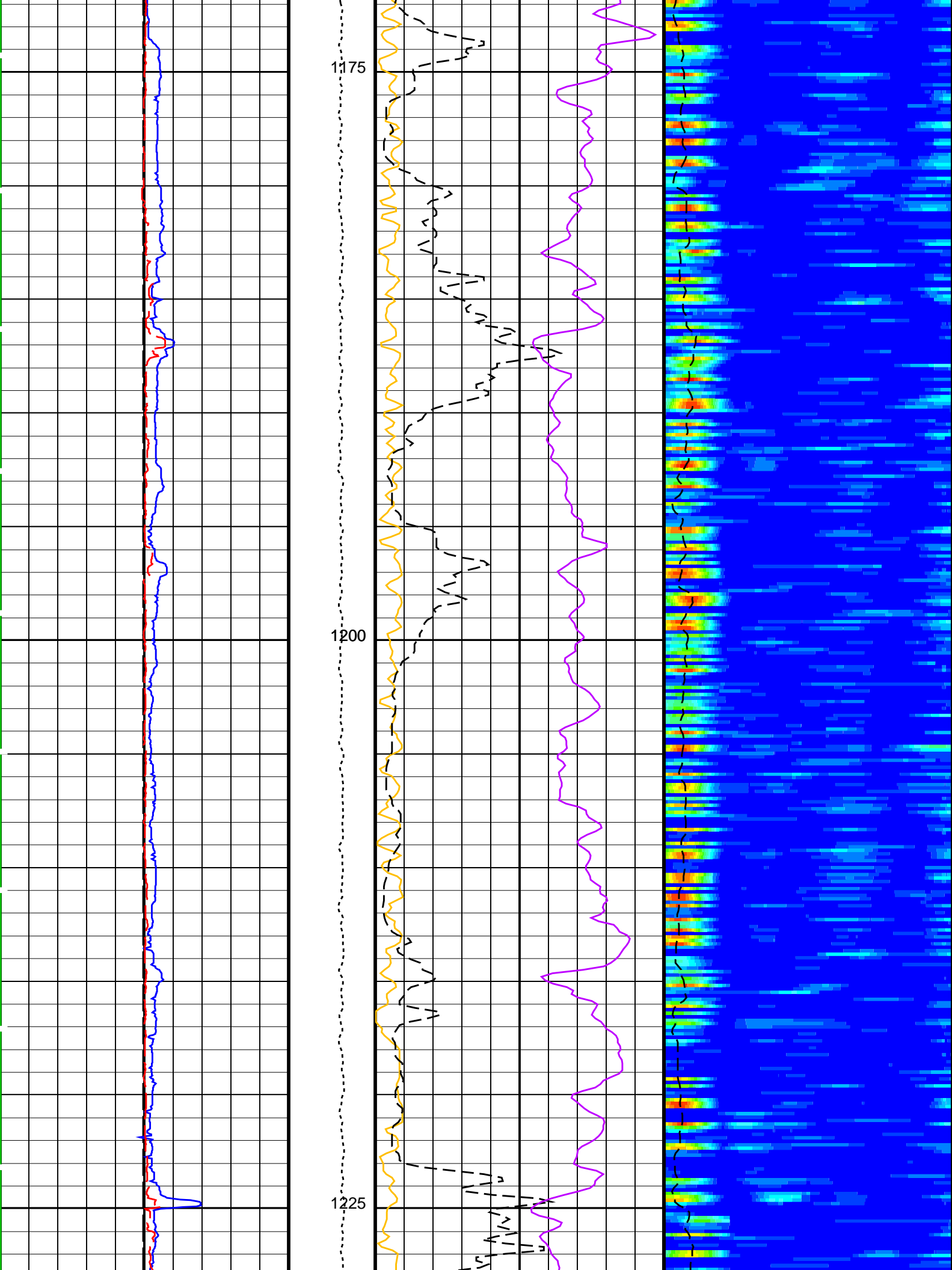


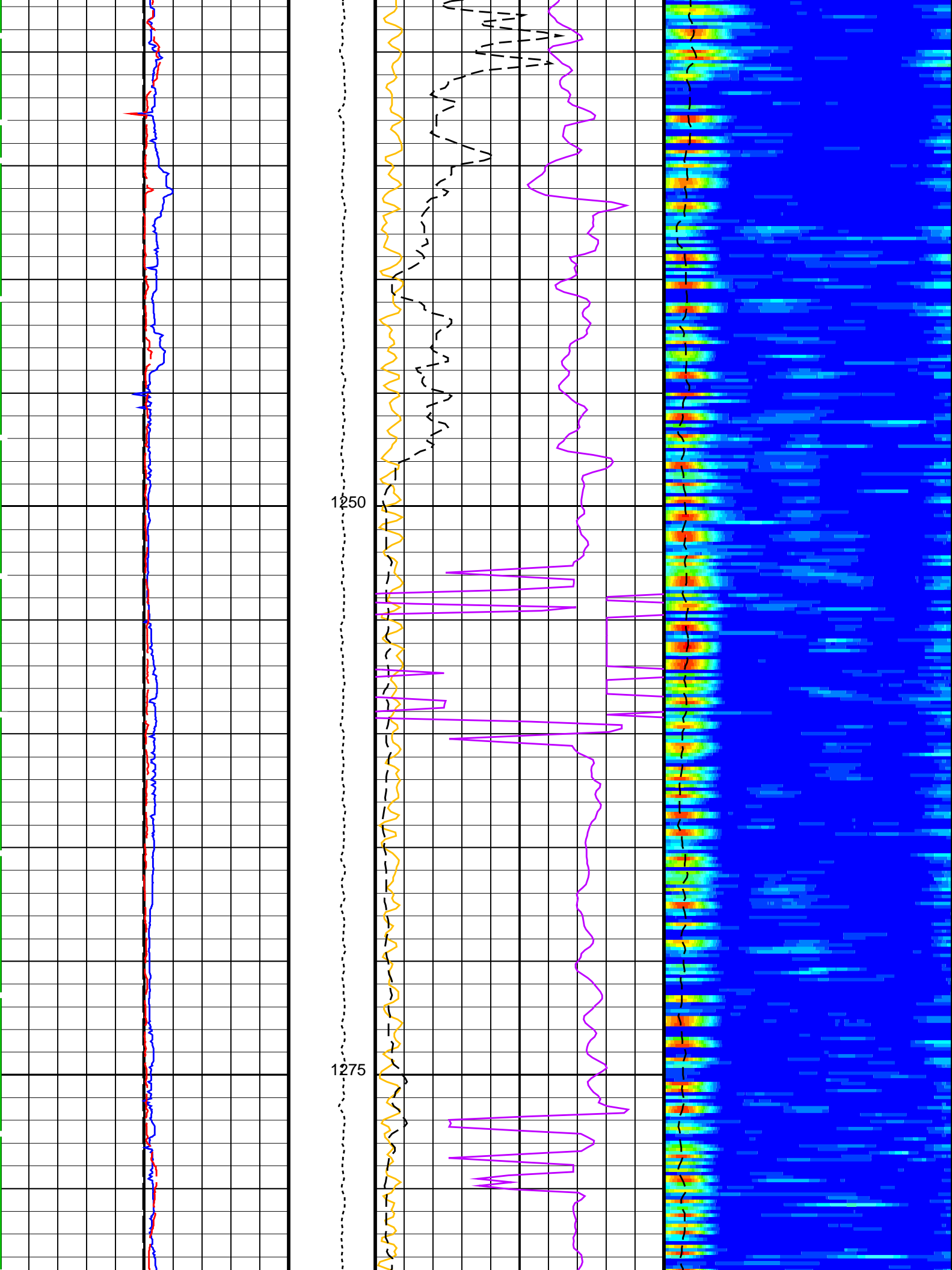


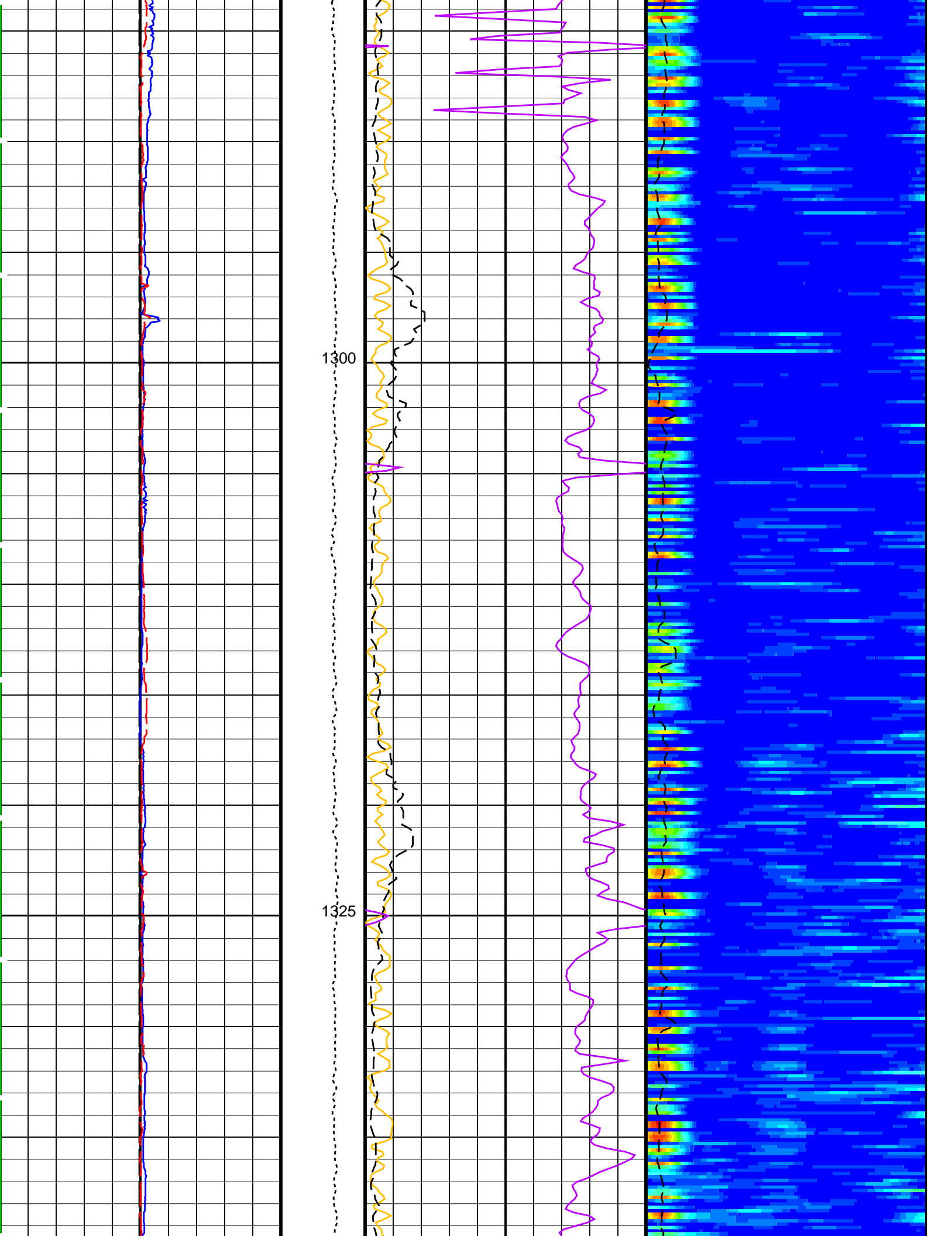


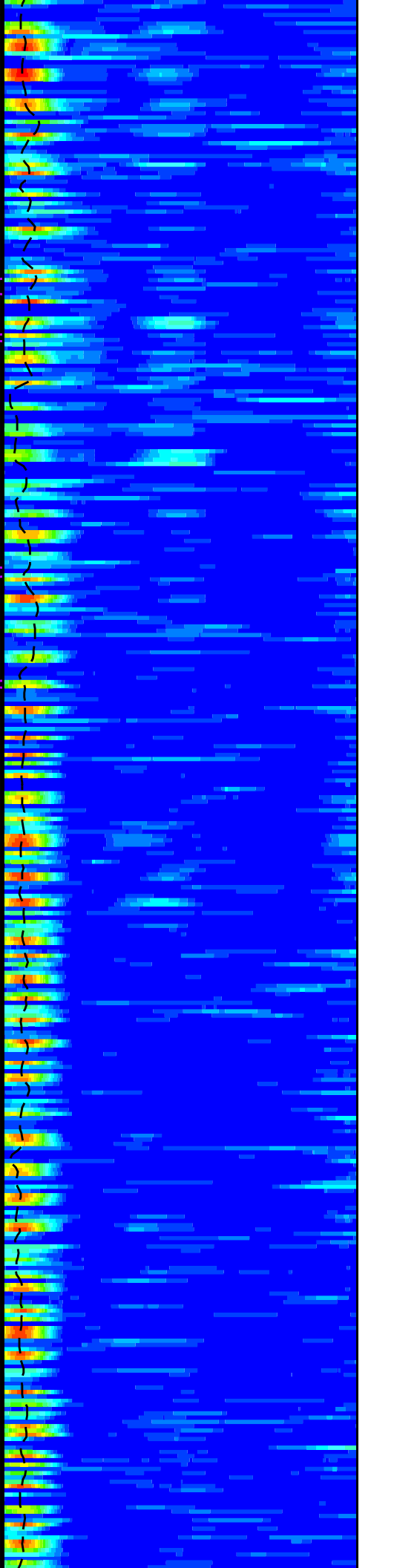
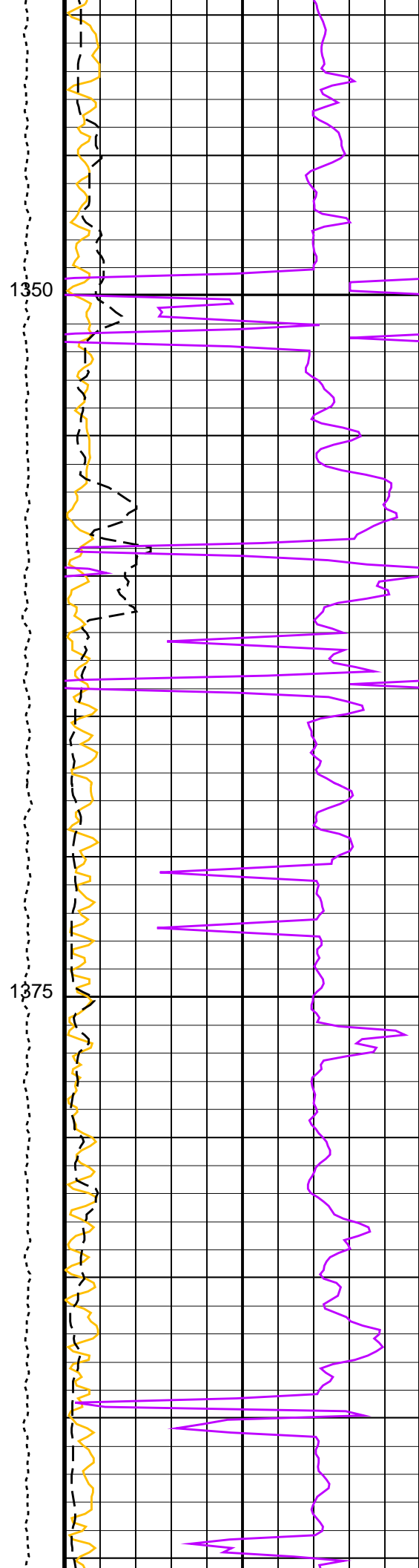
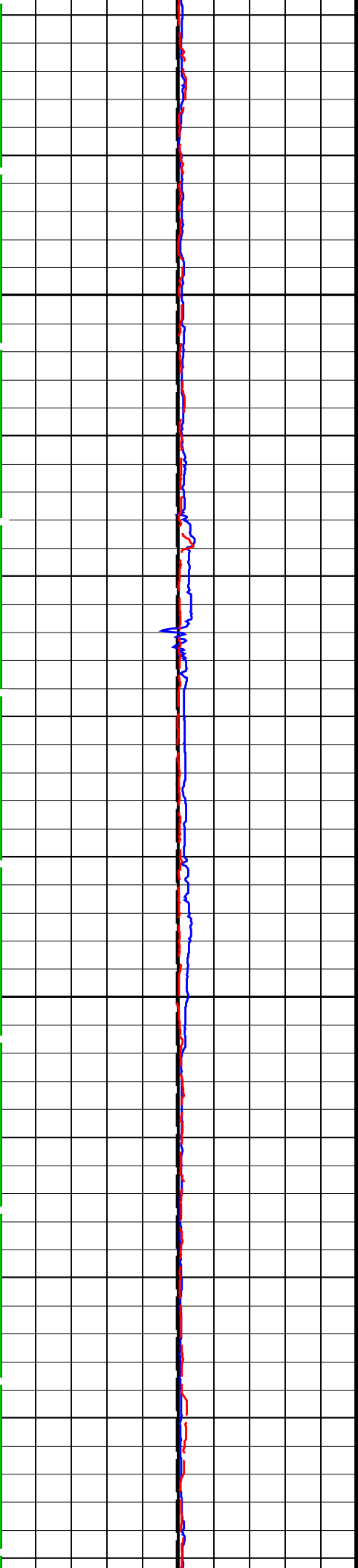


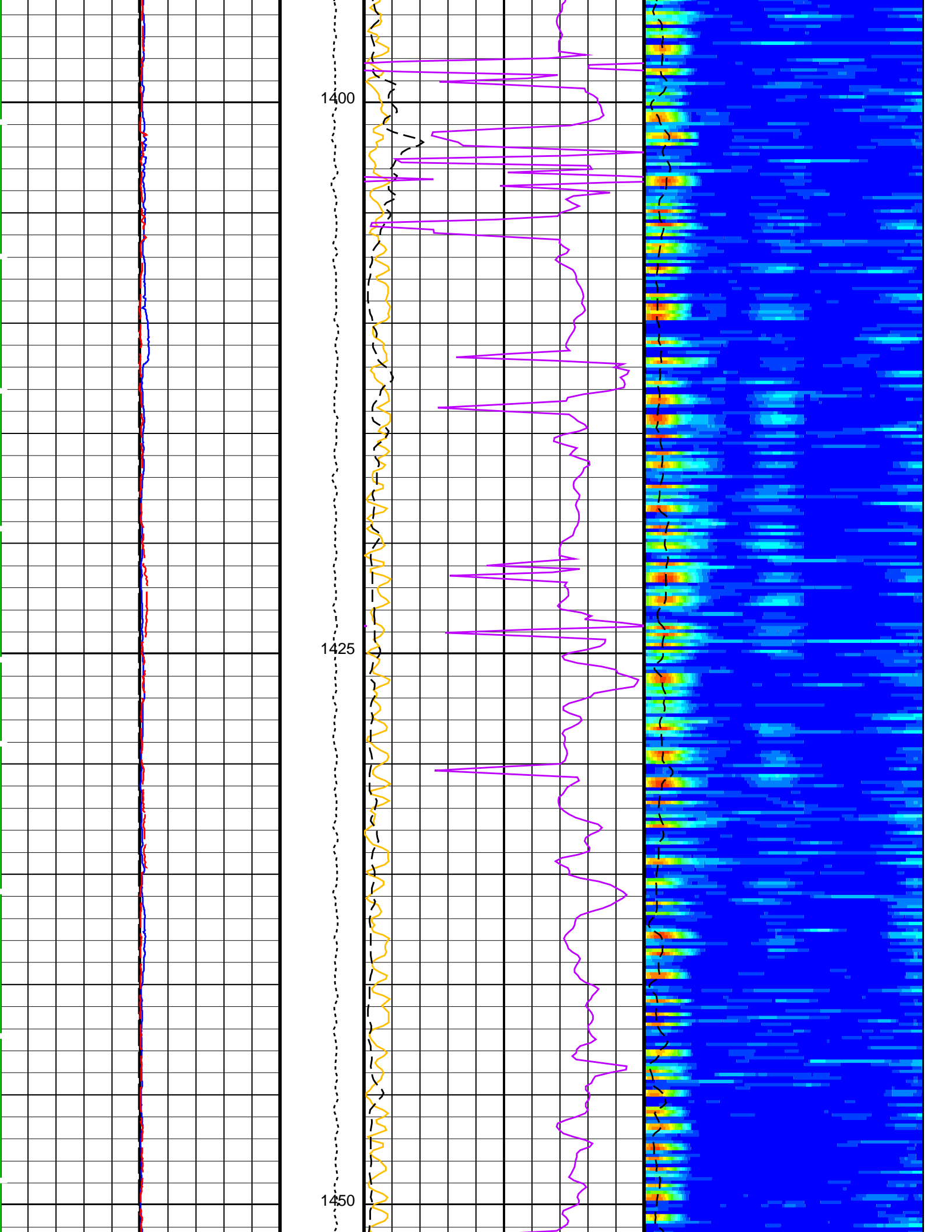


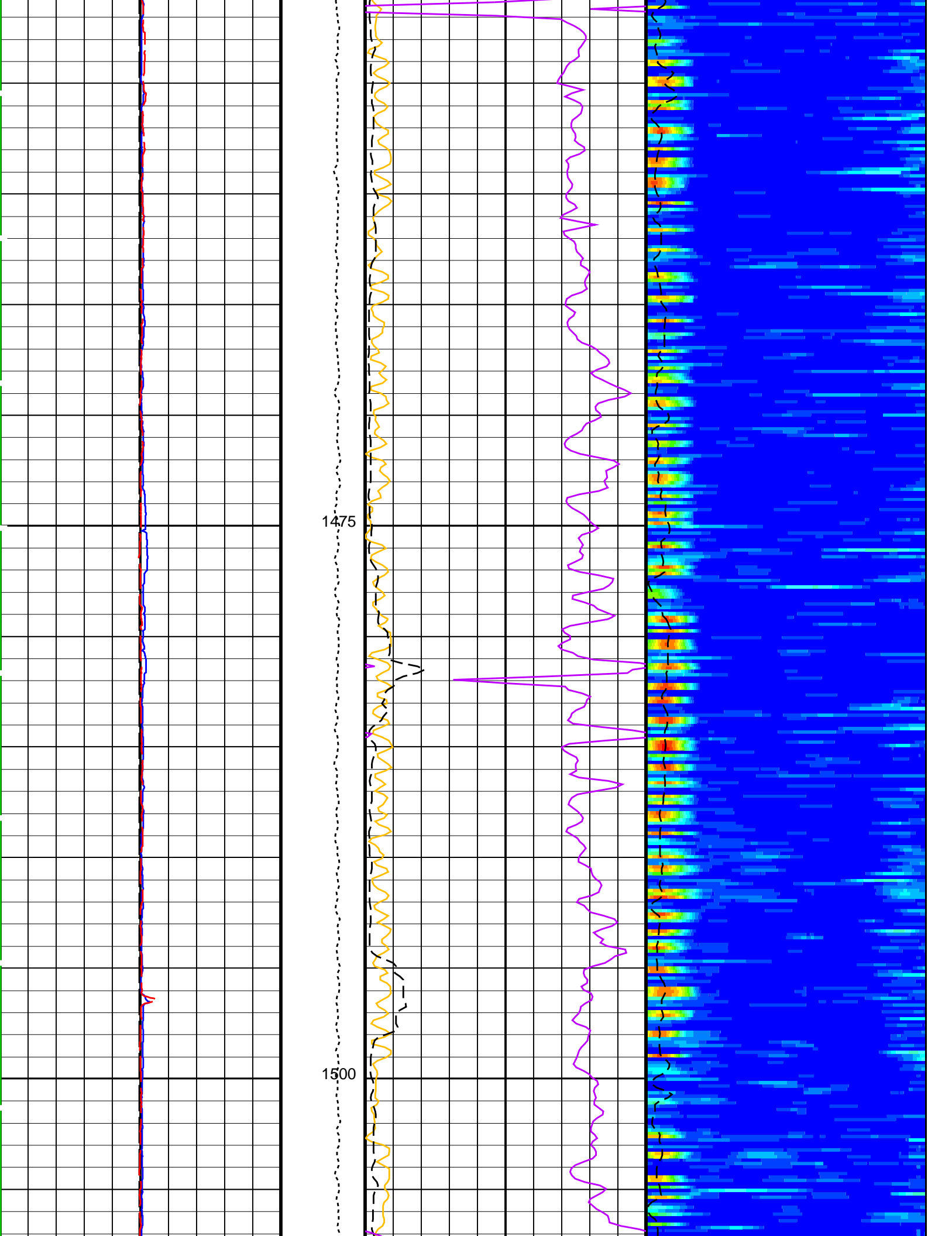


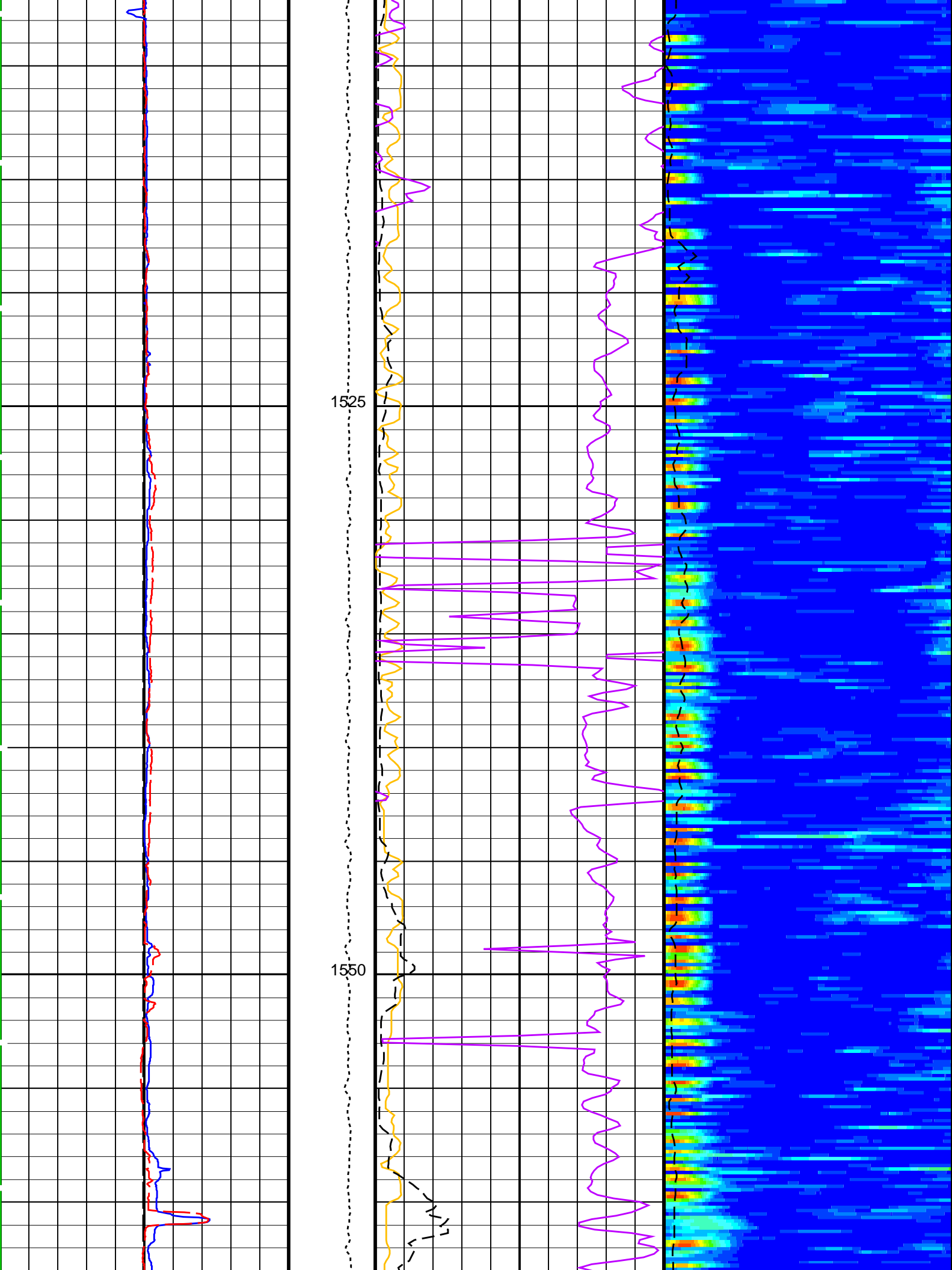


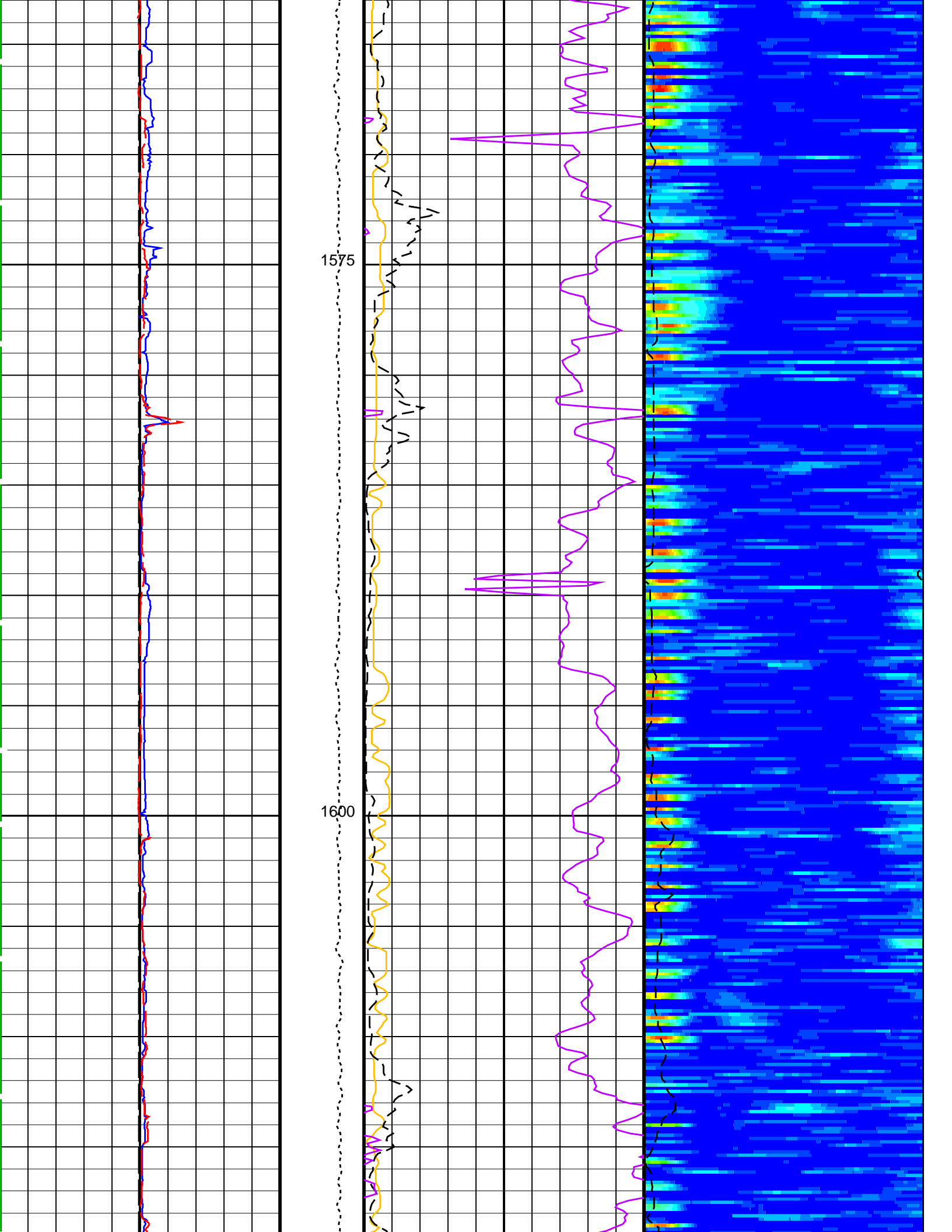




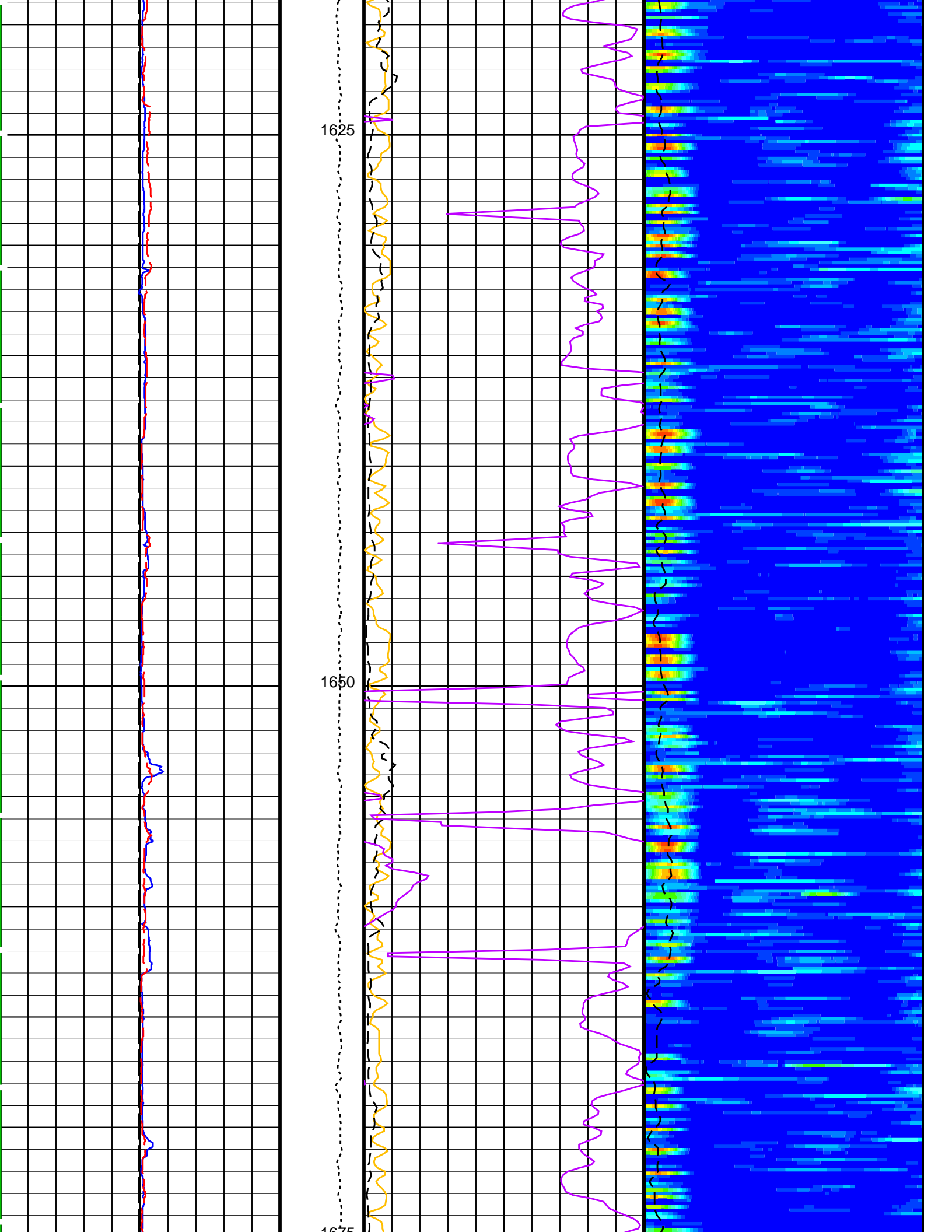


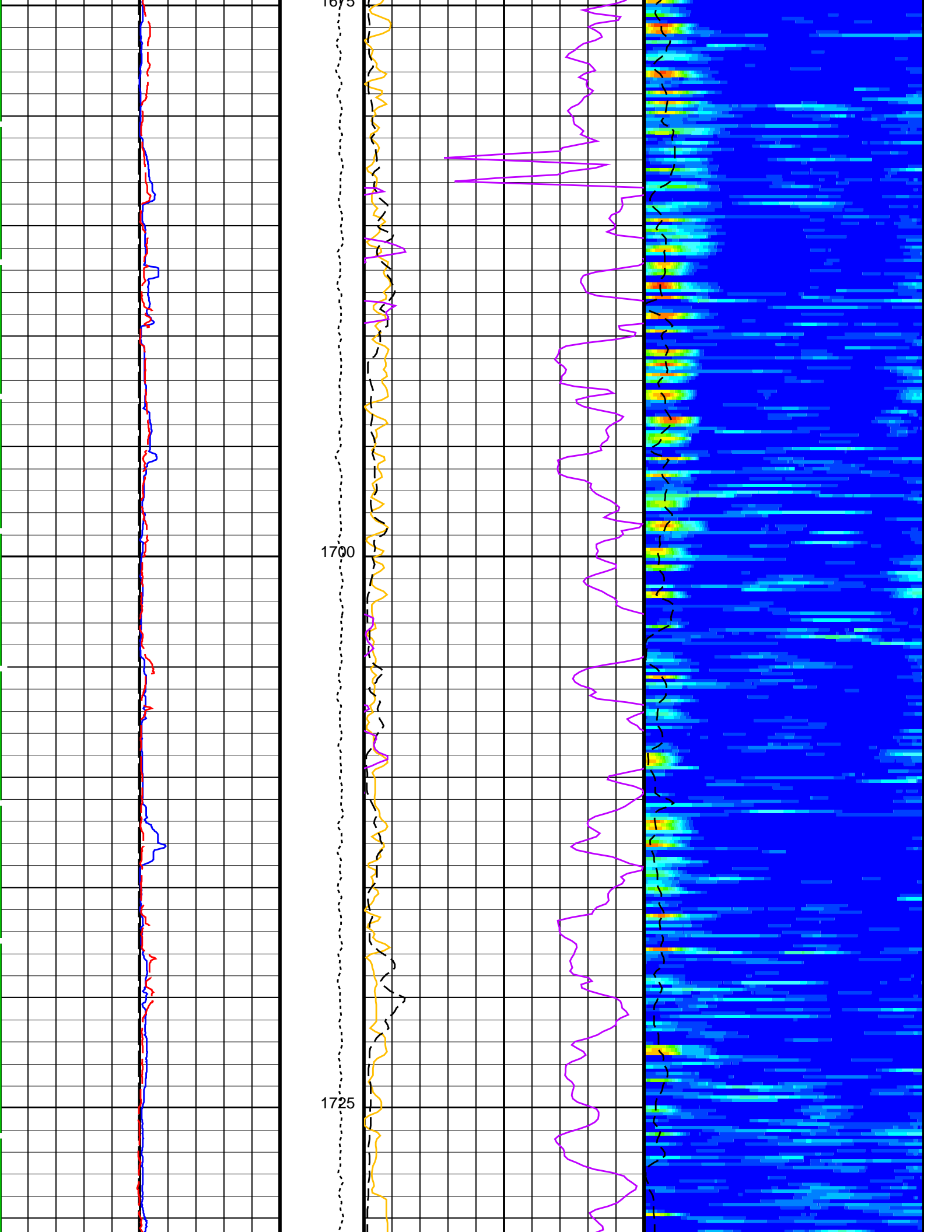


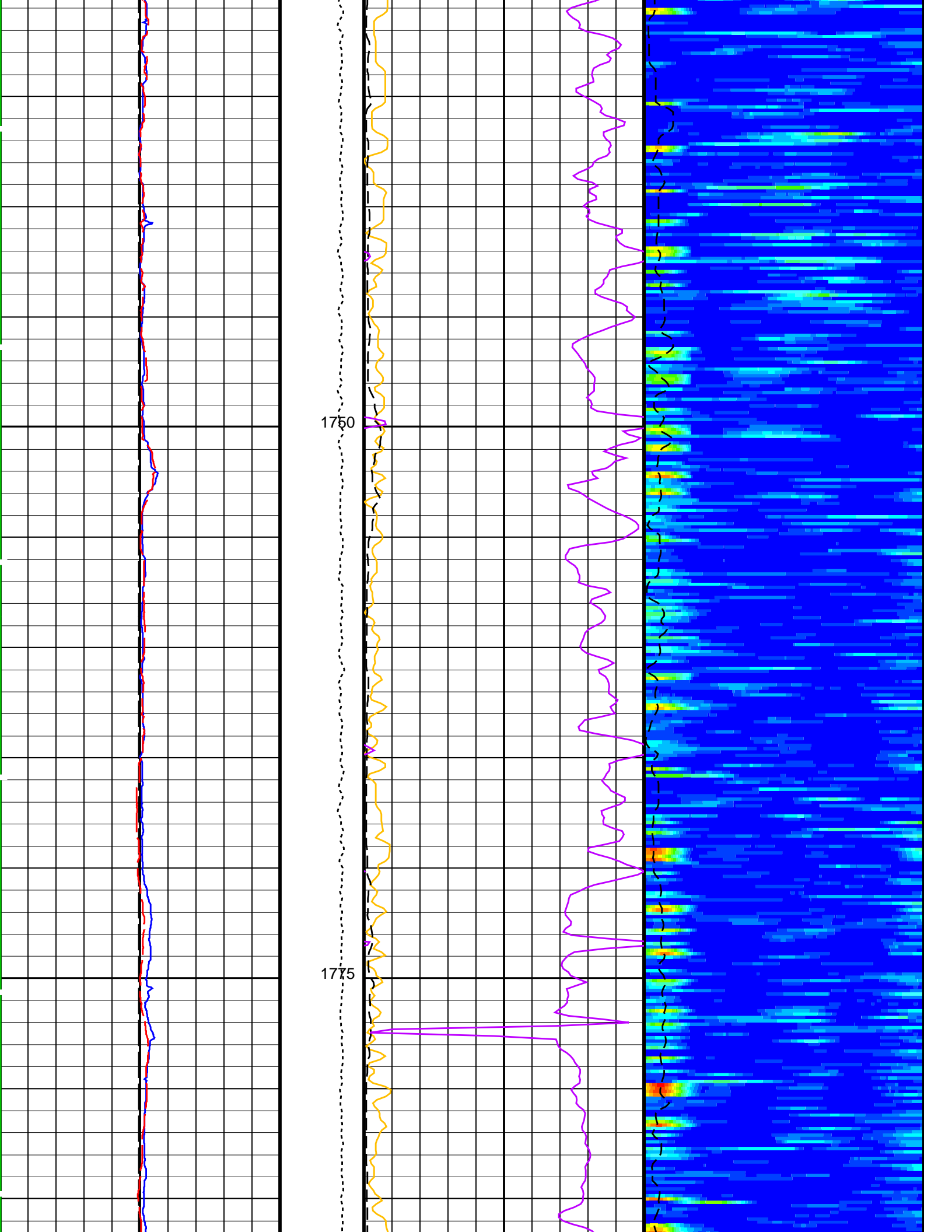


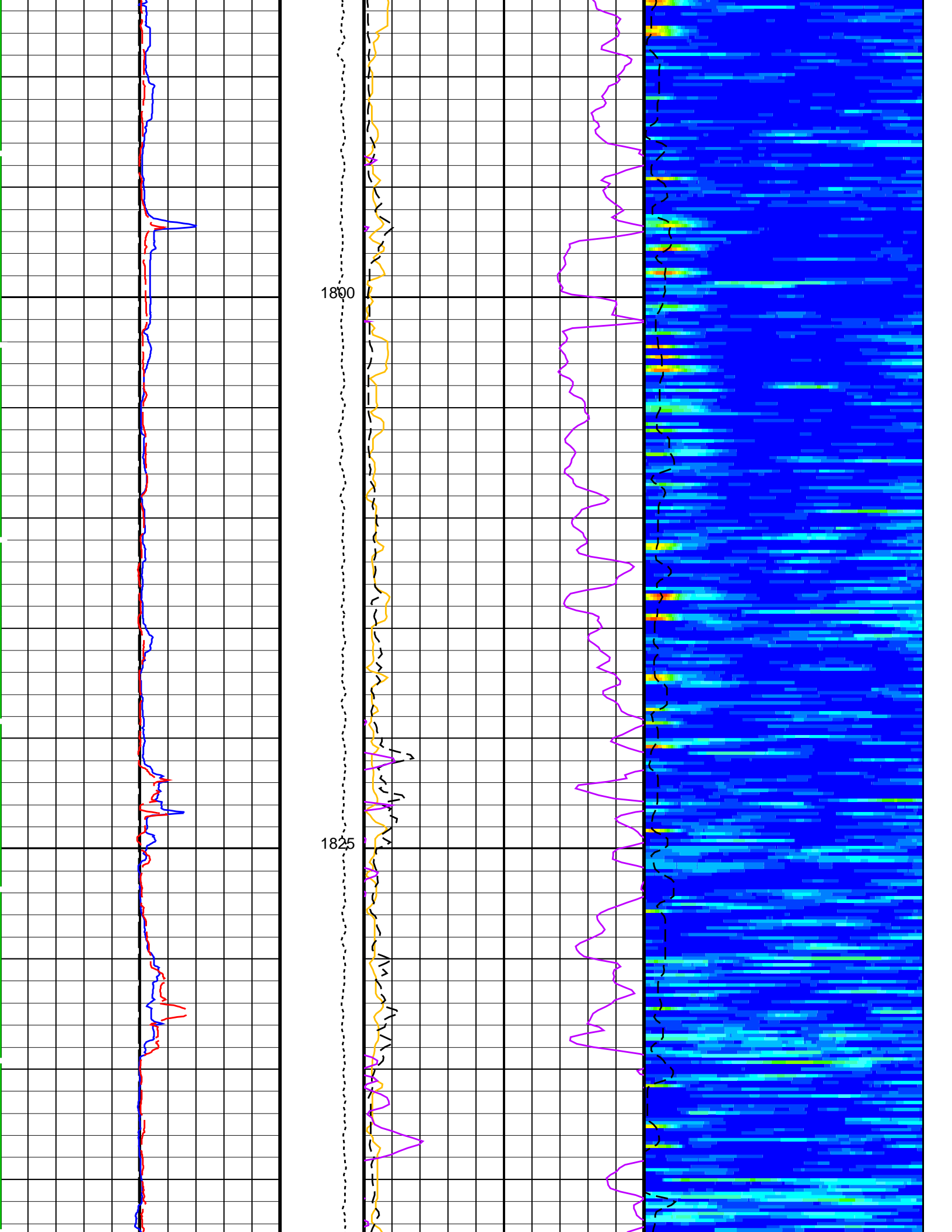


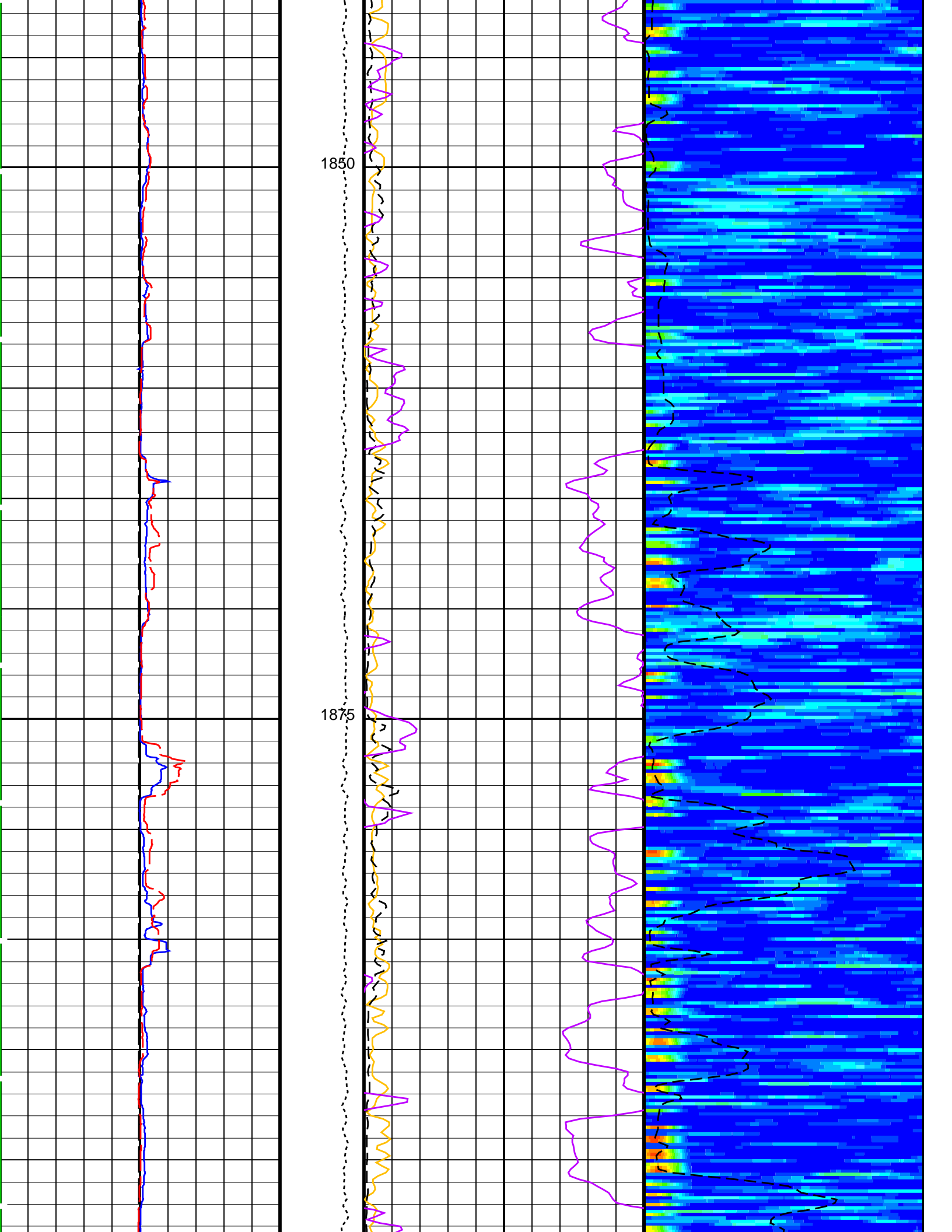


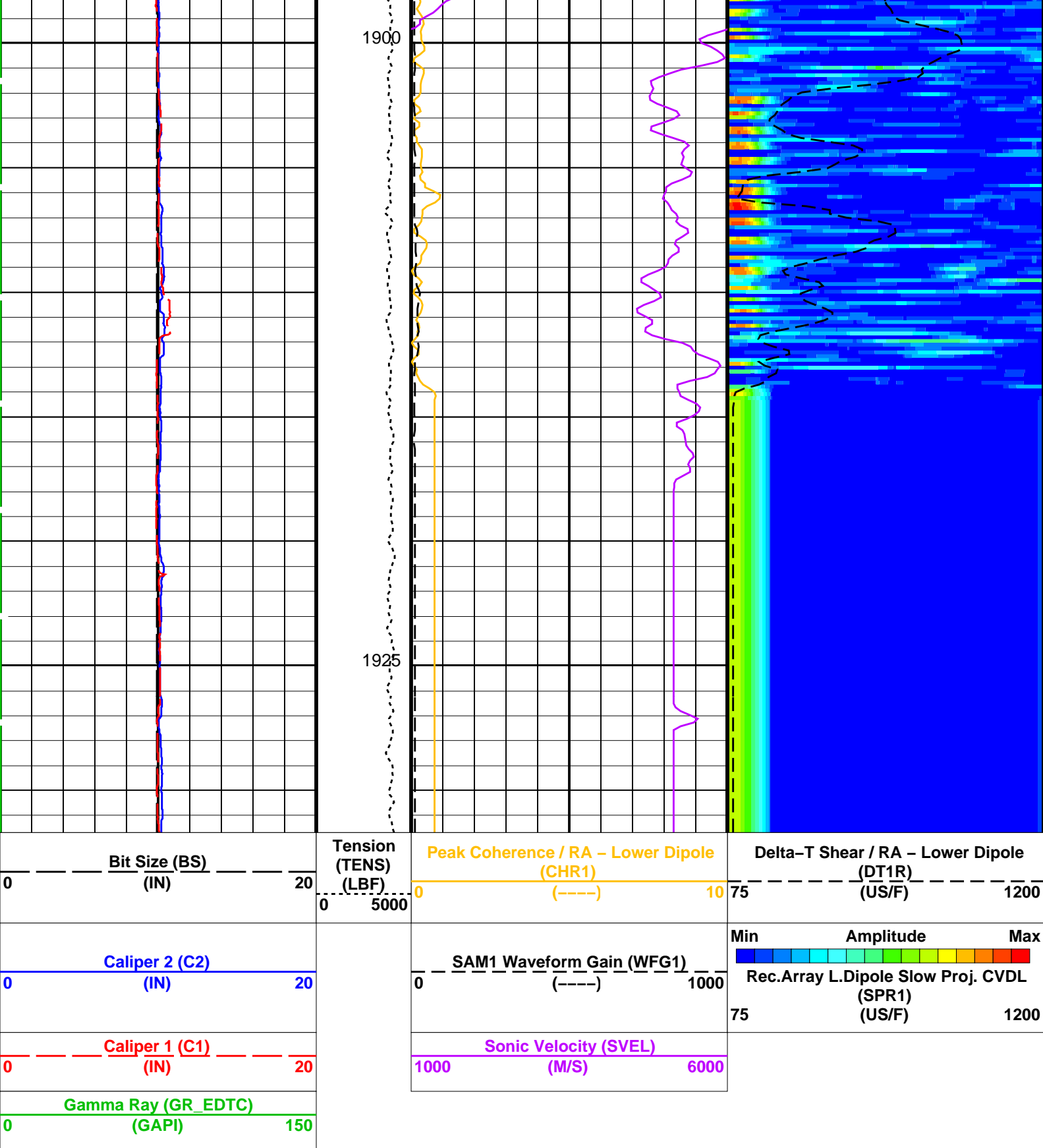












PIP SUMMARY

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	40	US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	200	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	NORMAL	

Format: DSST\_LOWER\_DIPOLE\_VDL\_COLOR      Vertical Scale: 1:200      Graphics File Created: 30-May-2023 17:00

## 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	FMS_DSI_NGS_096LUP	FN:92	PRODUCER	27-May-2023 16:41	1931.7 M	932.1 M
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### Output DLIS Files

DEFAULT	FMS_DSI_NGS_122PUP	FN:116	PRODUCER	30-May-2023 17:00		
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Company: International Ocean Discovery Program      Well: Expedition 399, Site U1601C

### Input DLIS Files

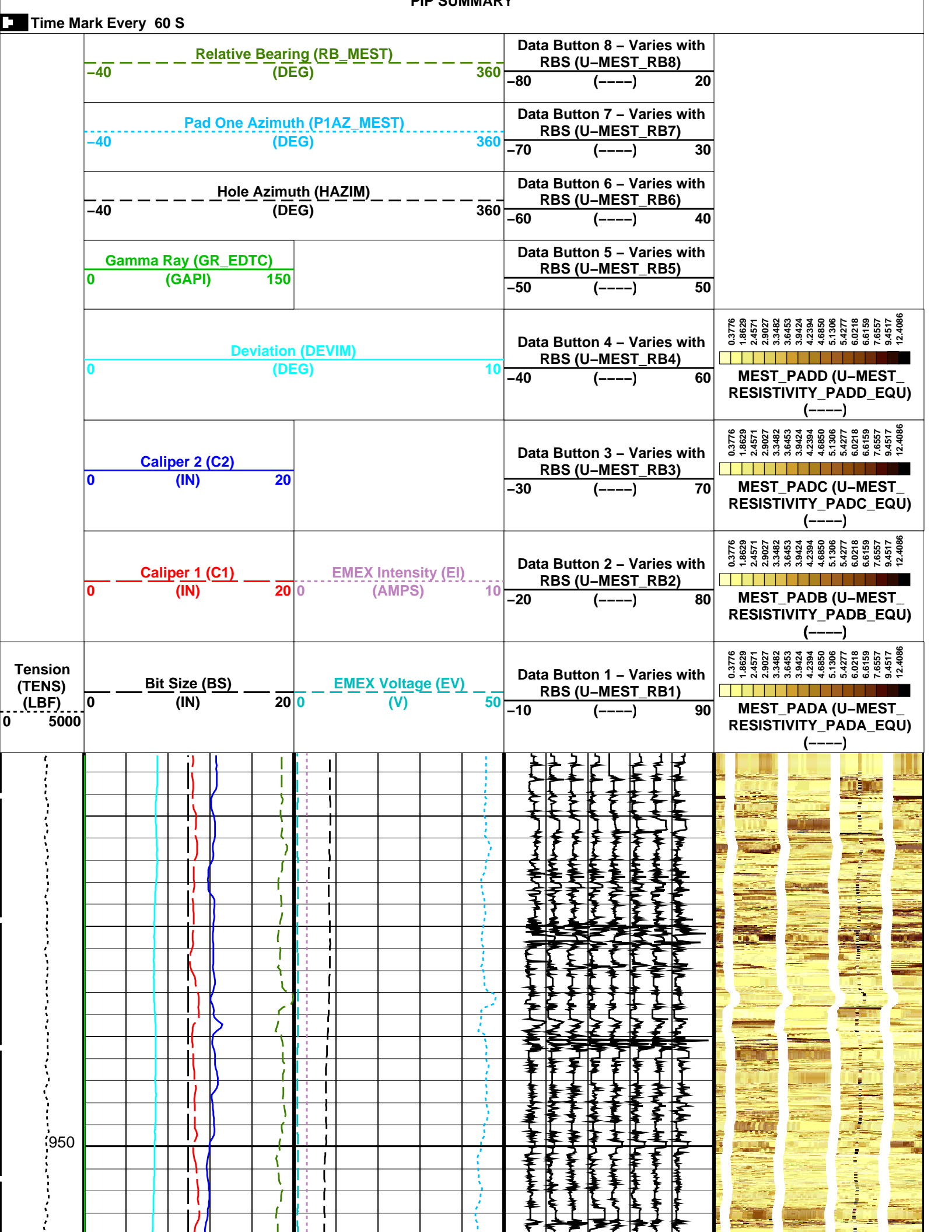
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### Output DLIS Files

DEFAULT	FMS_DSI_NGS_122PUP	FN:116	PRODUCER	30-May-2023 17:00	1931.7 M	932.1 M
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## OP System Version: 19C0-187

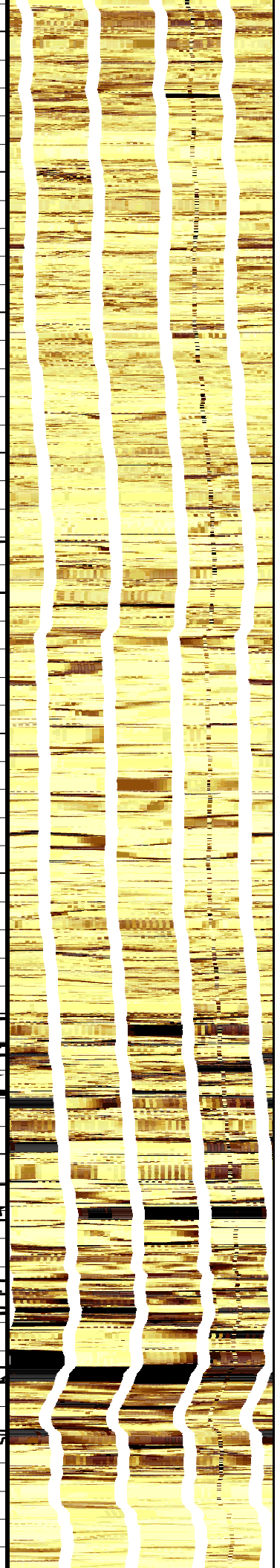
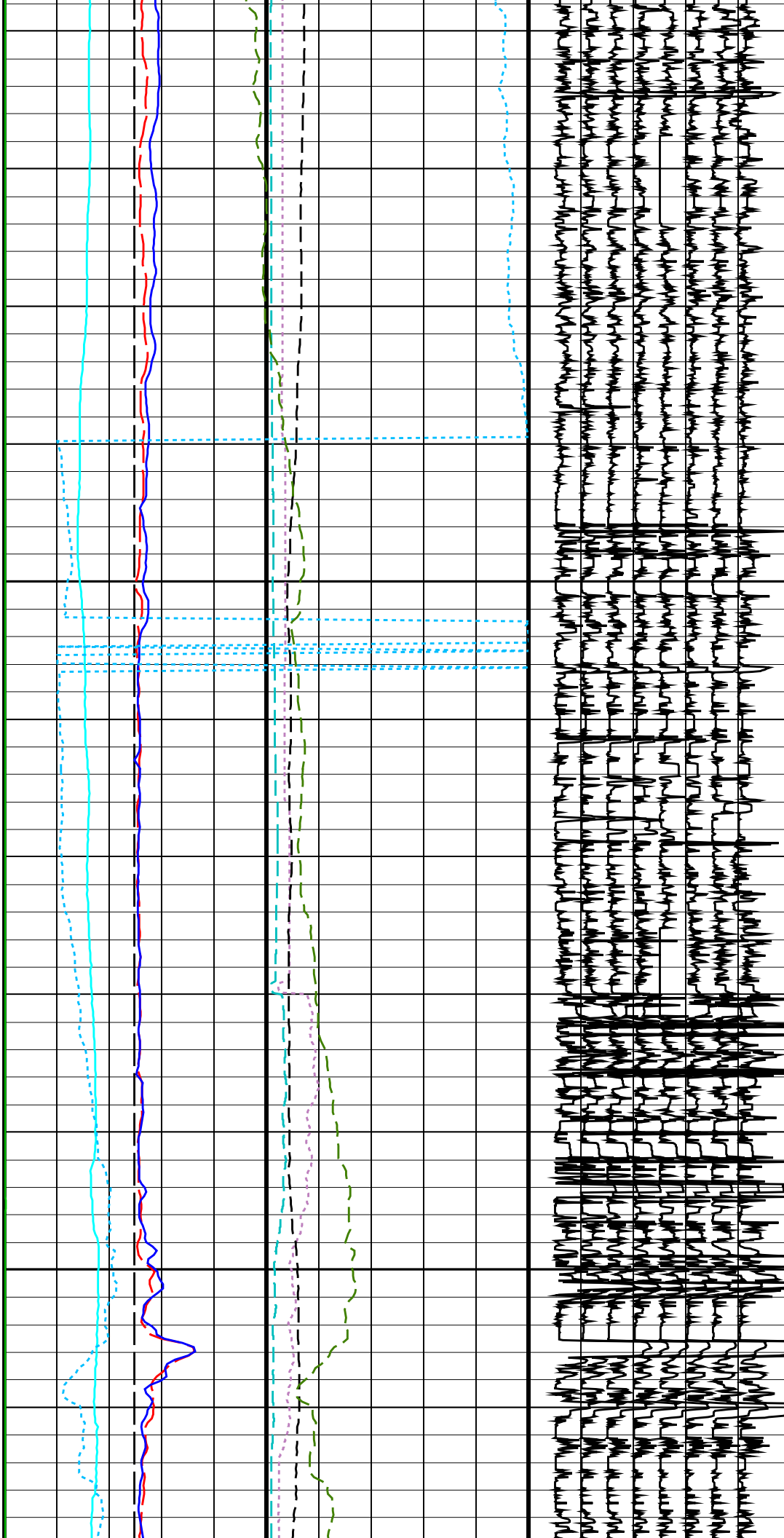
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HNGS-BA	19C0-187	EDTC-B	19C0-187





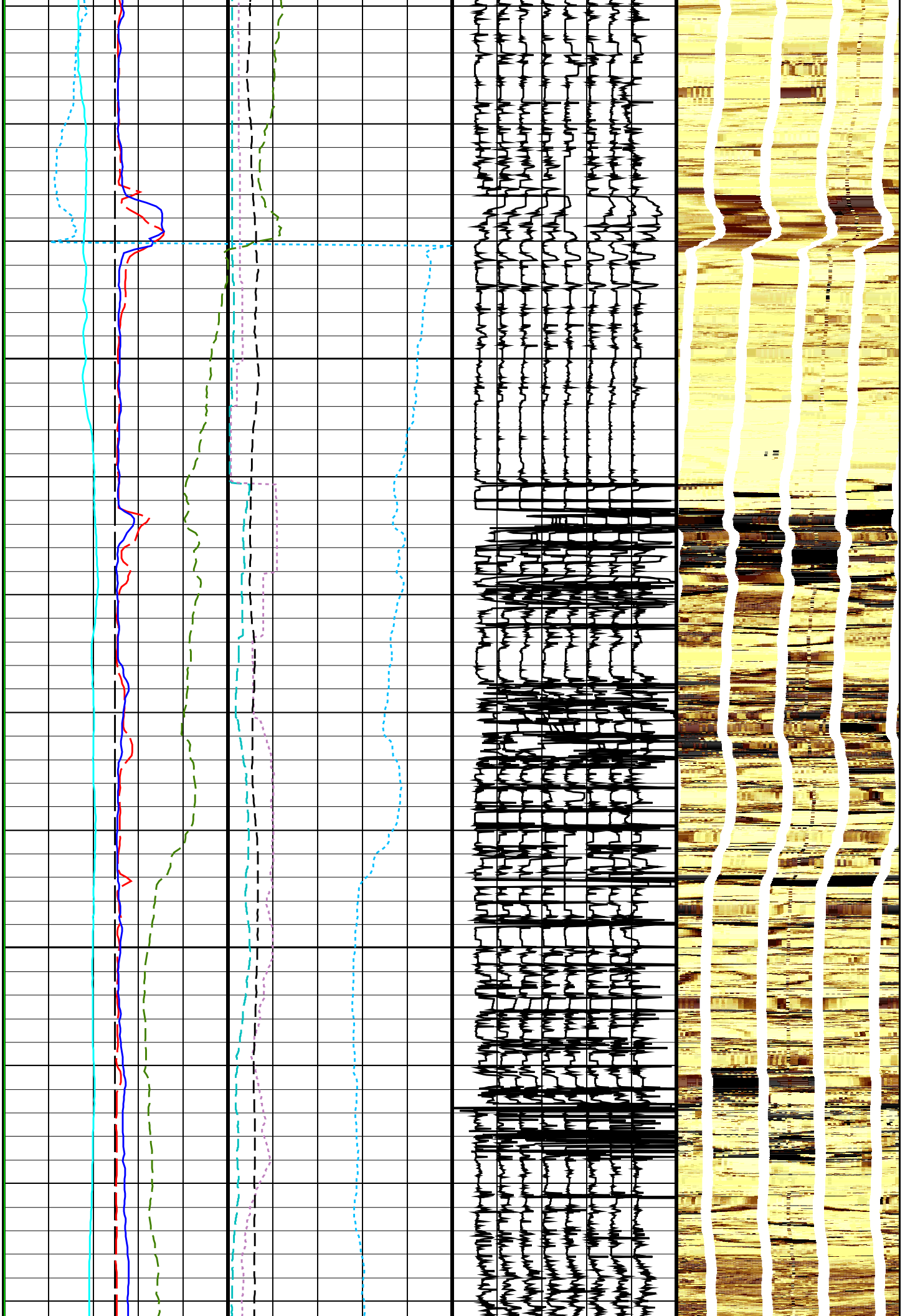
975

1000



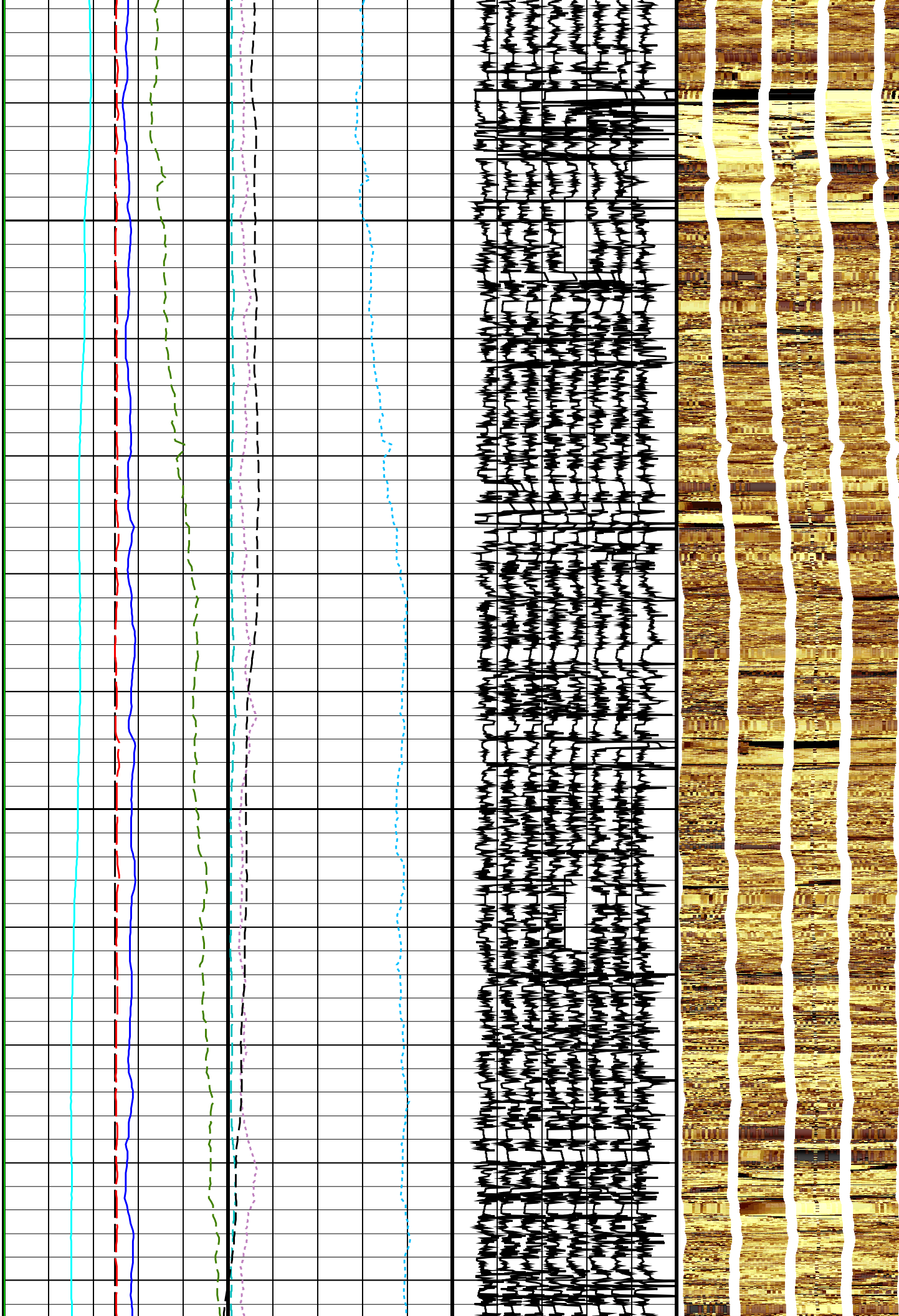
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1050



1075

1100

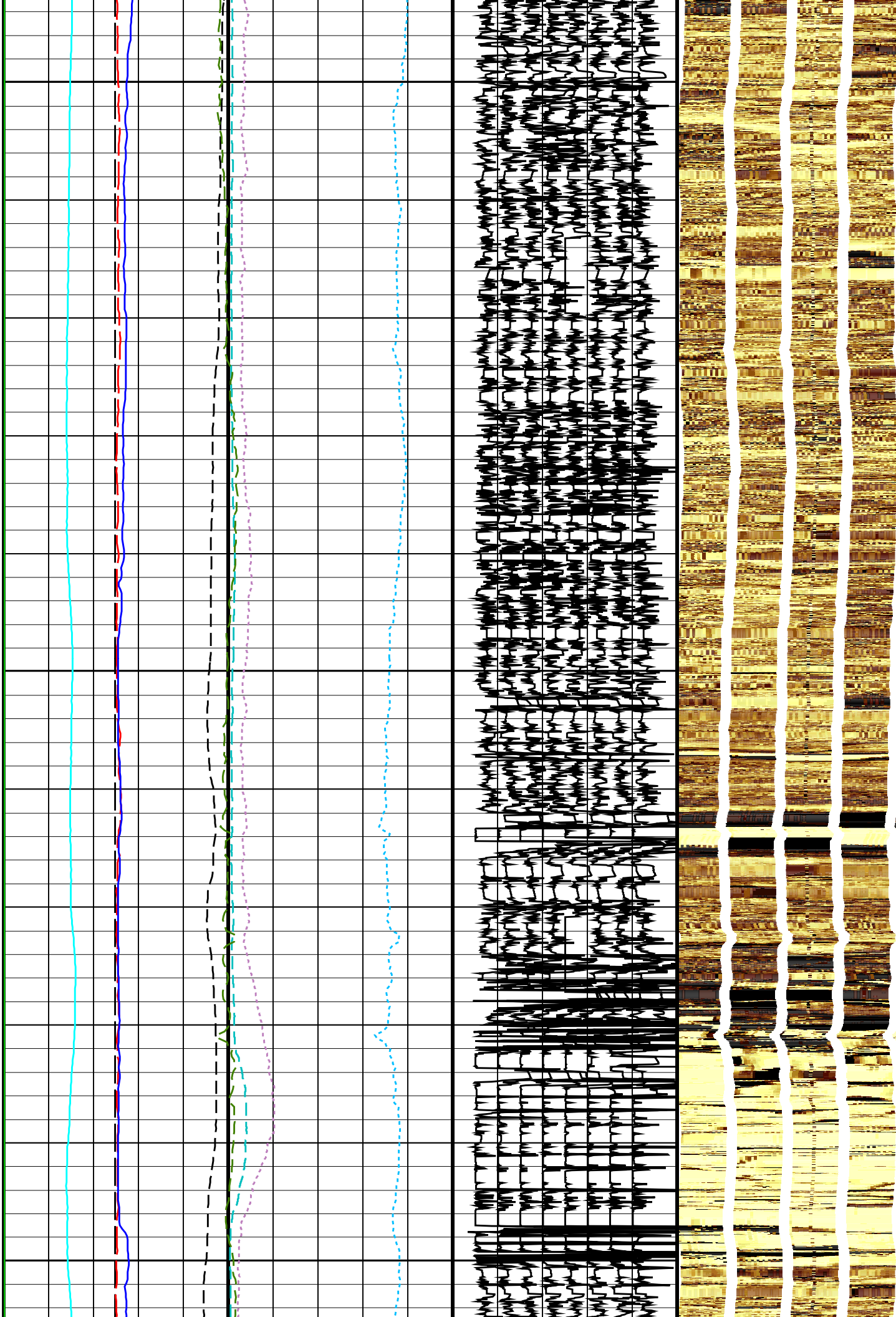




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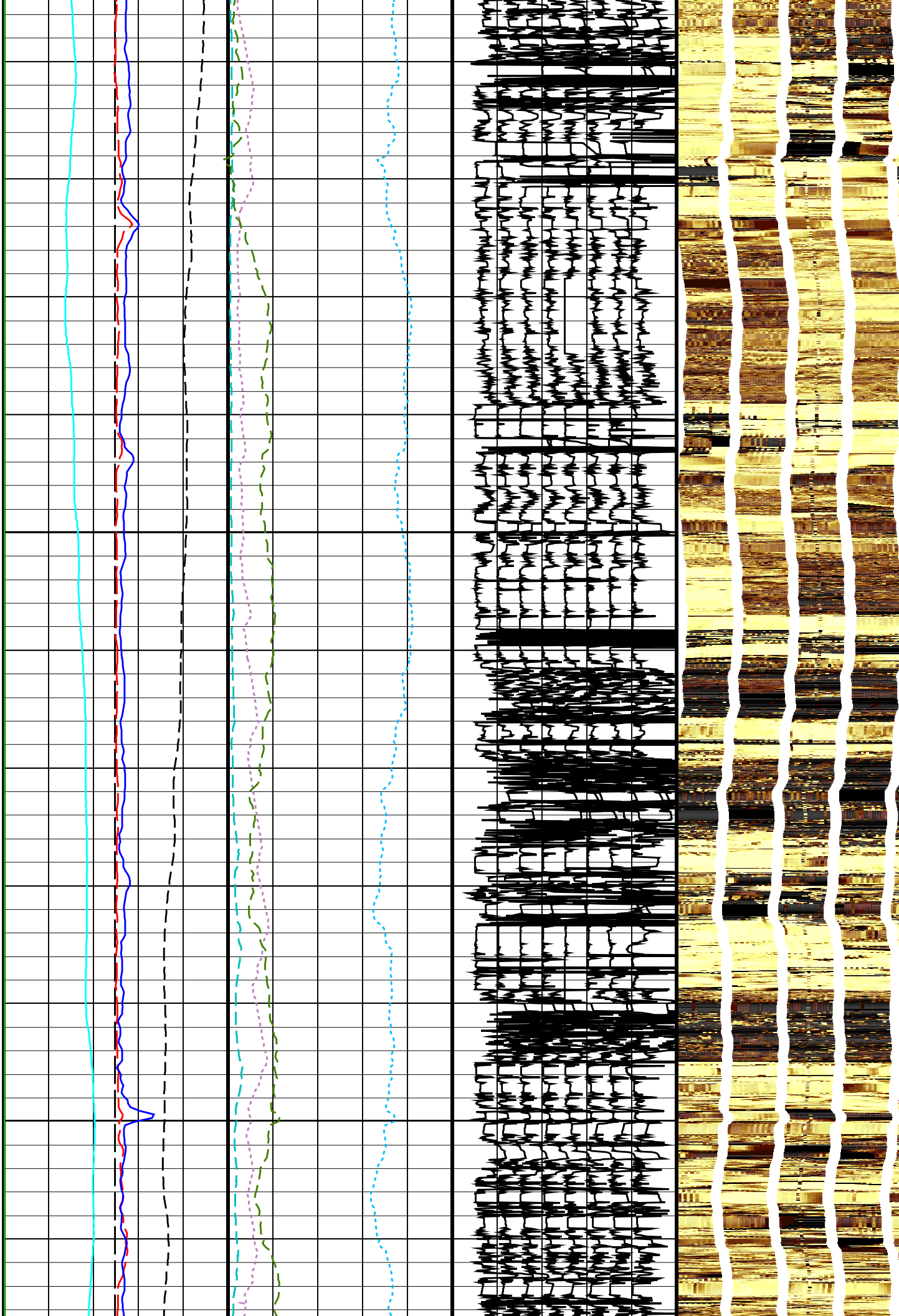
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1175



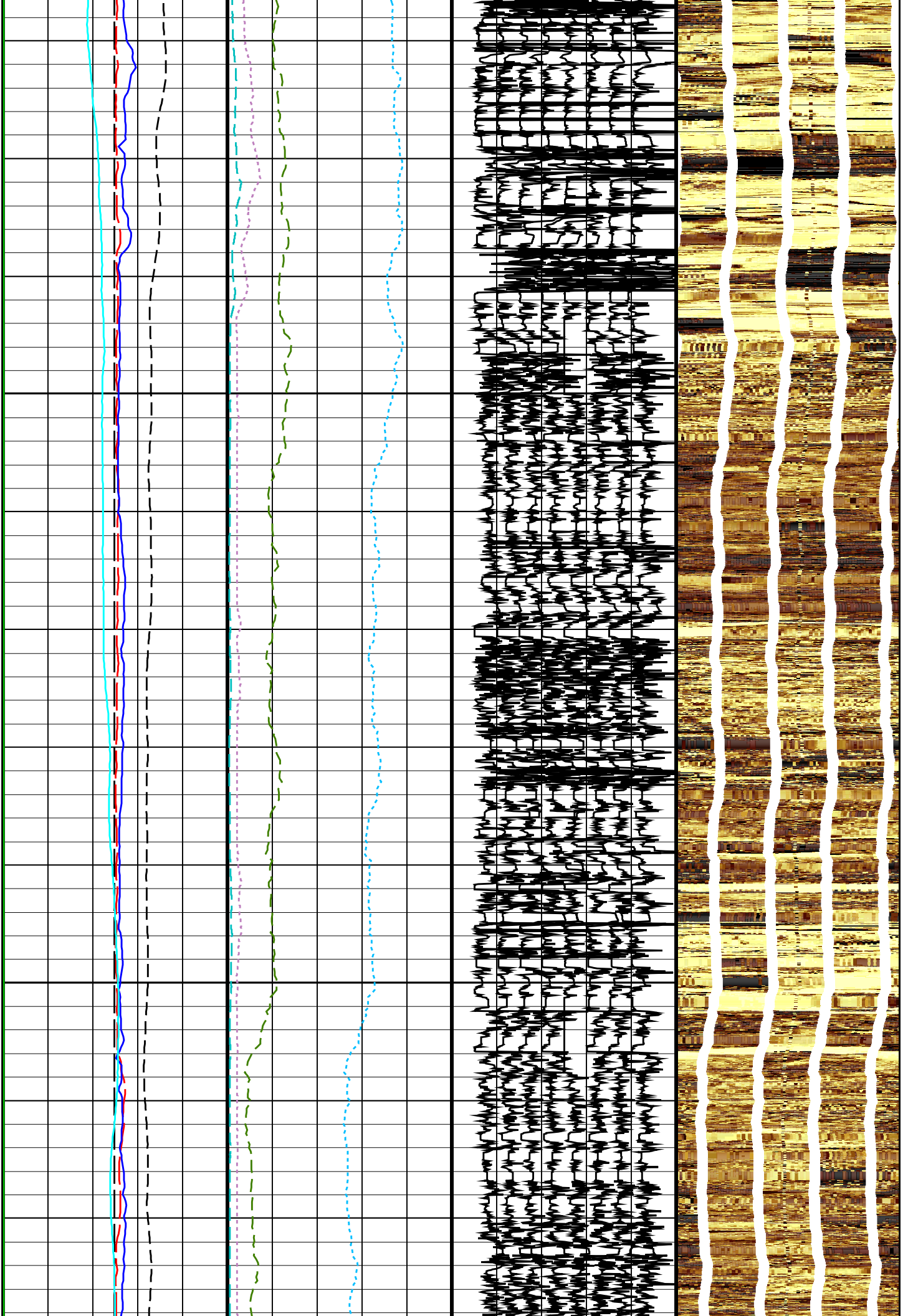
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1250

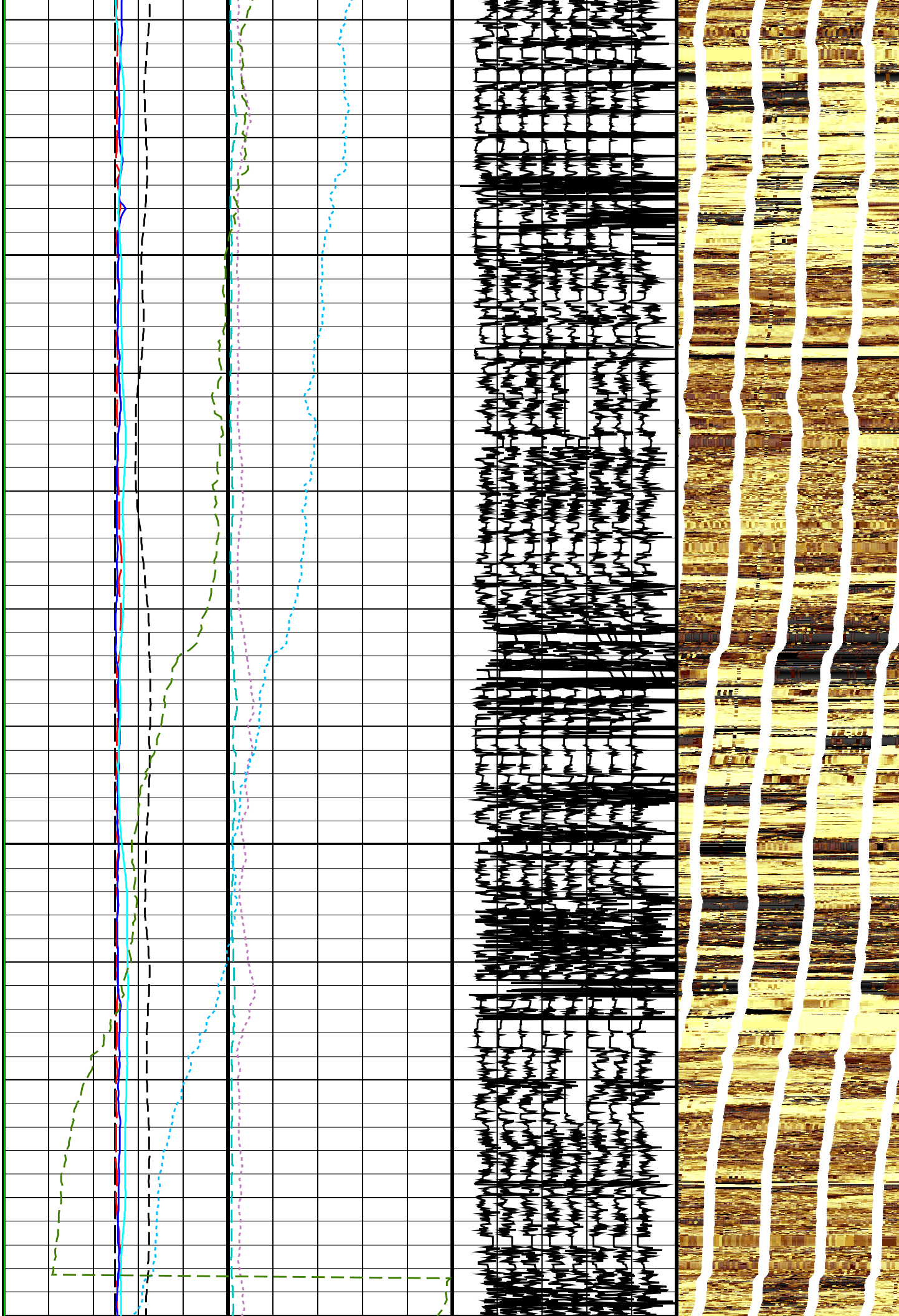
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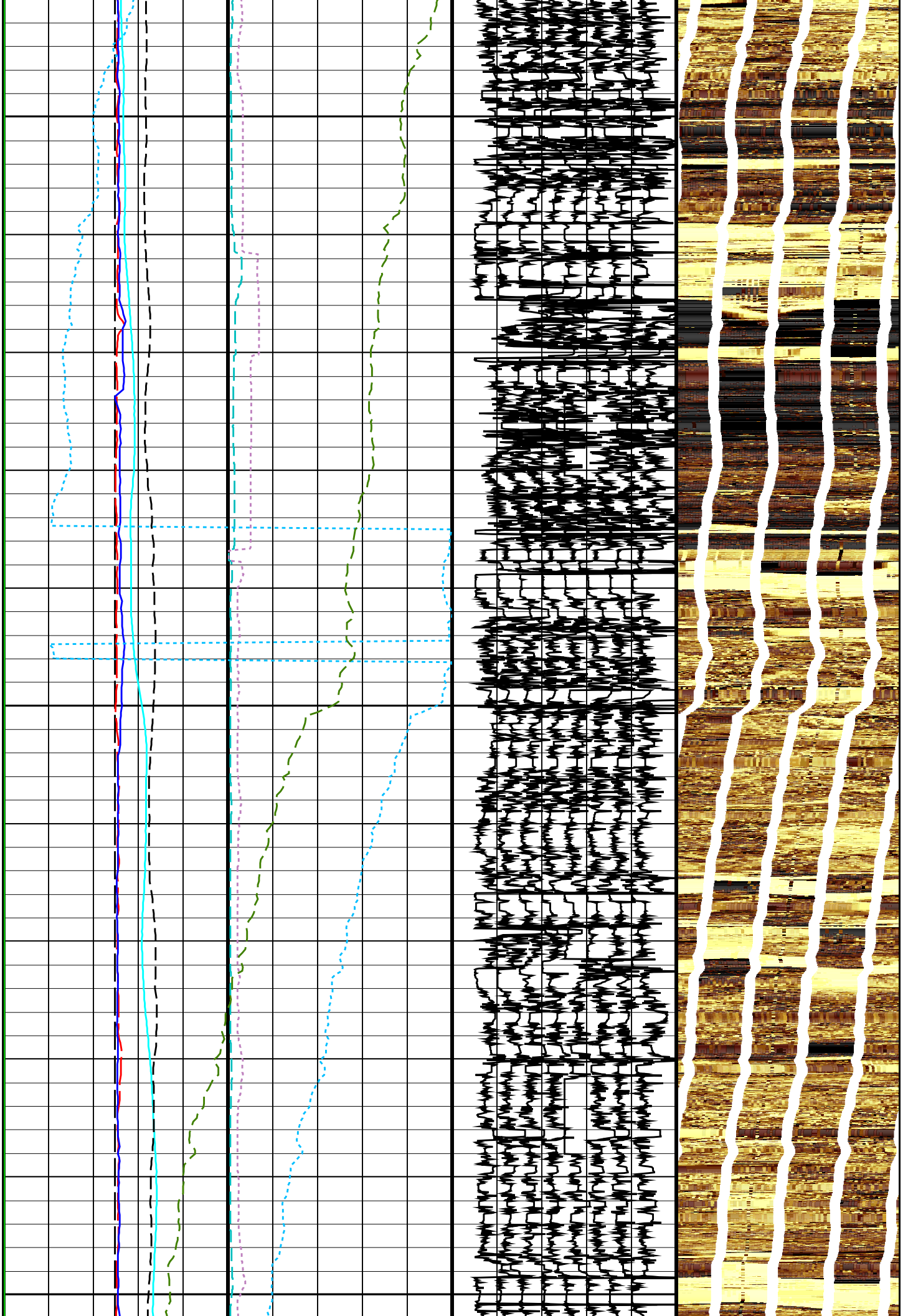
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1350

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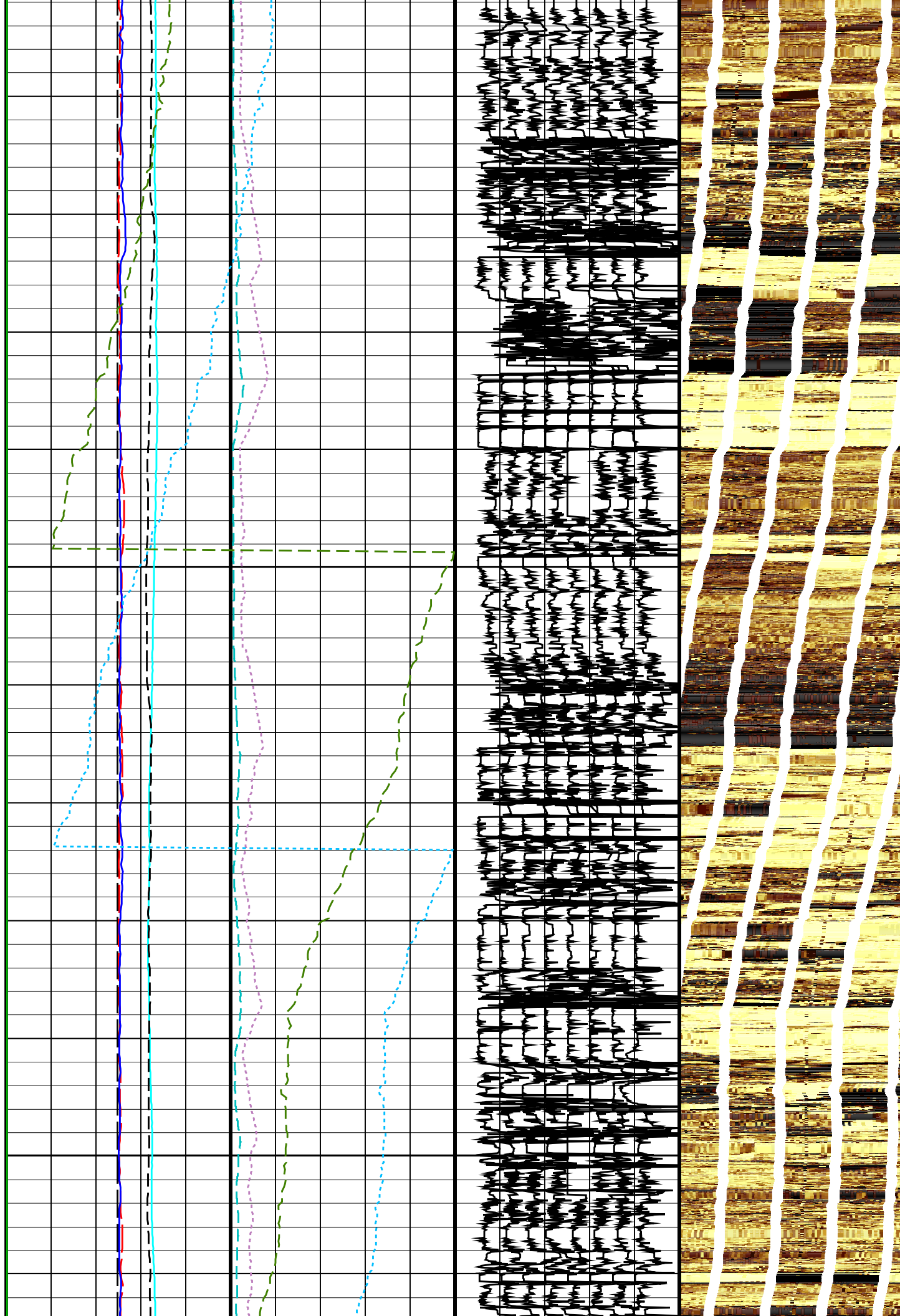
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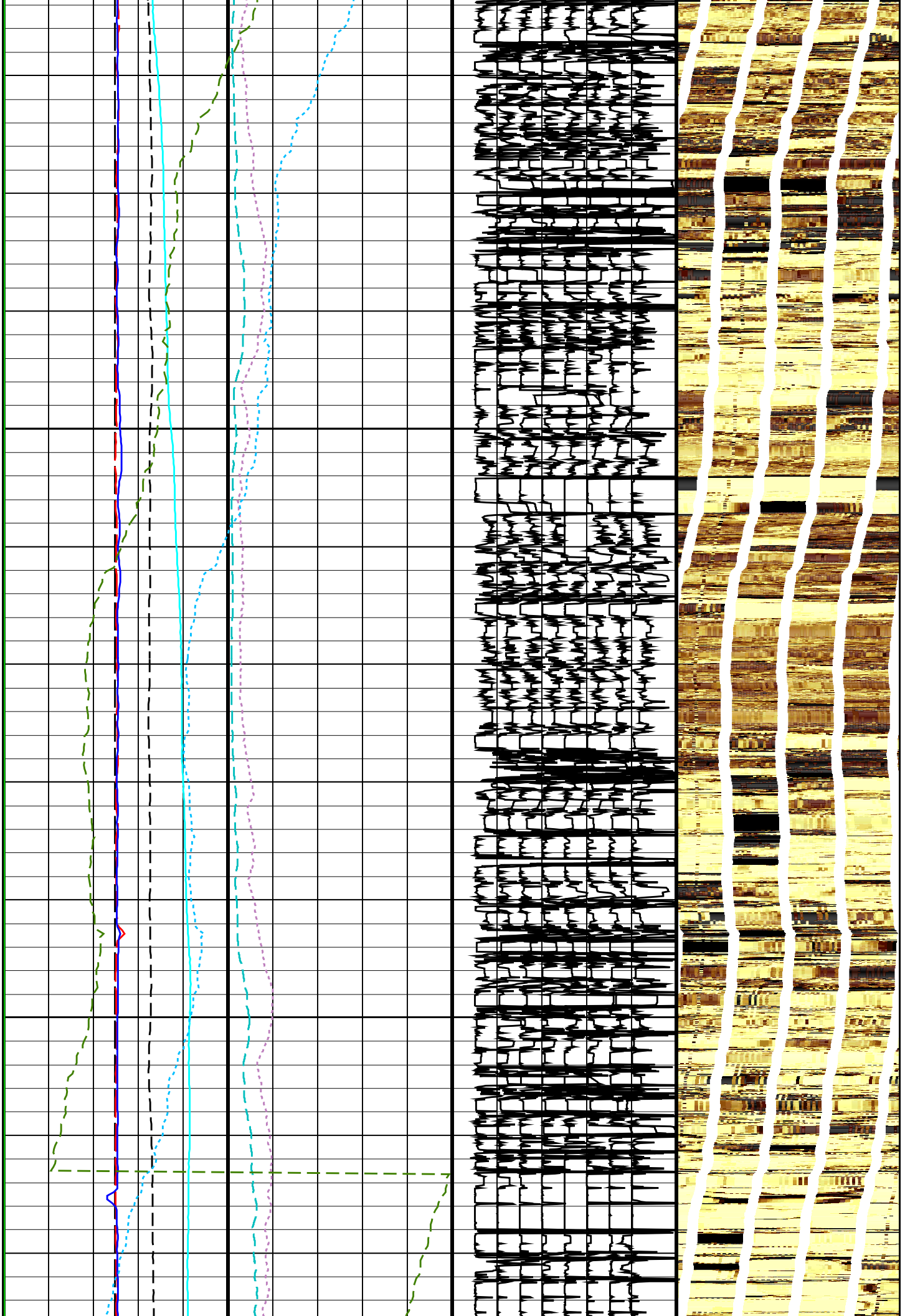
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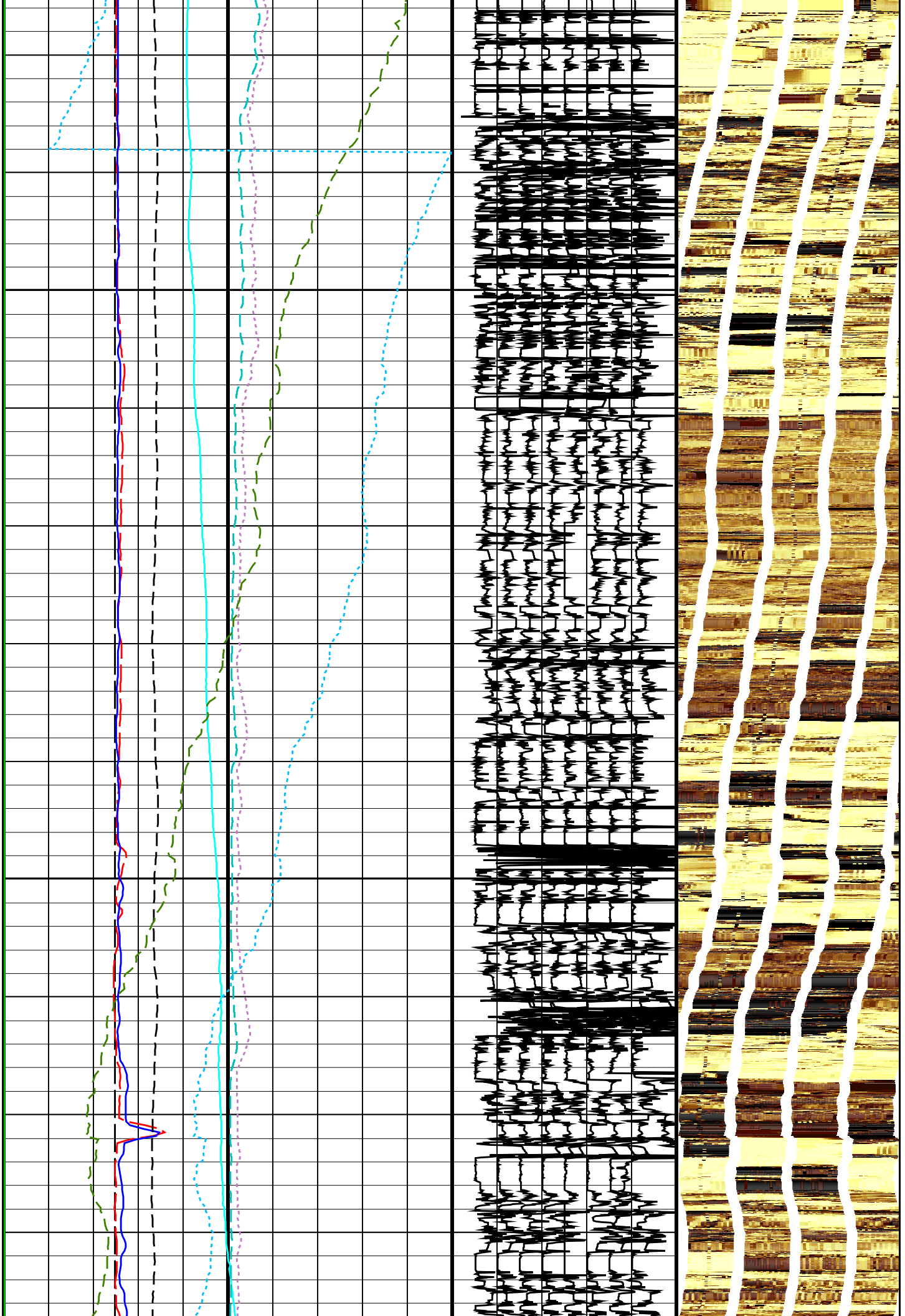
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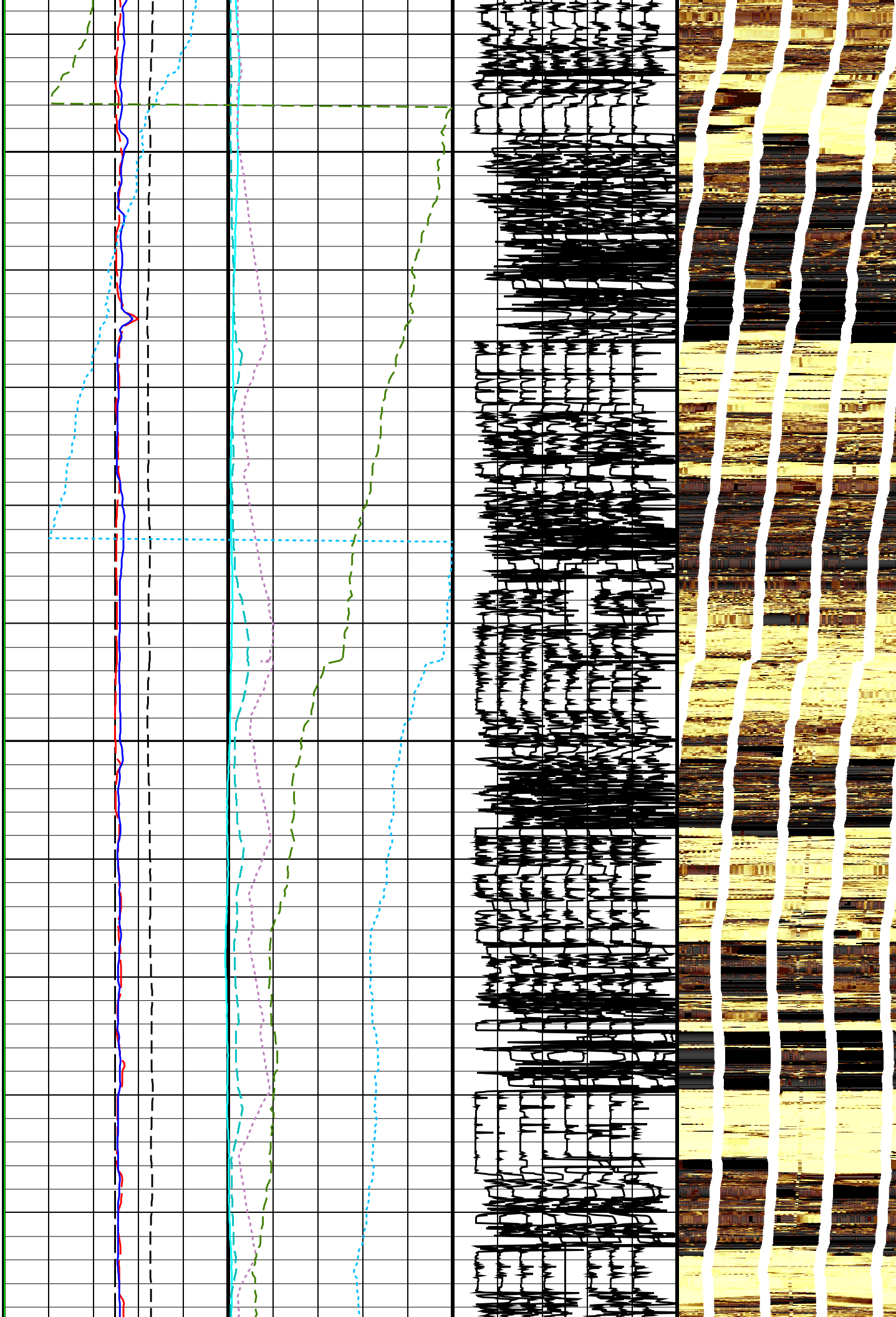
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1575

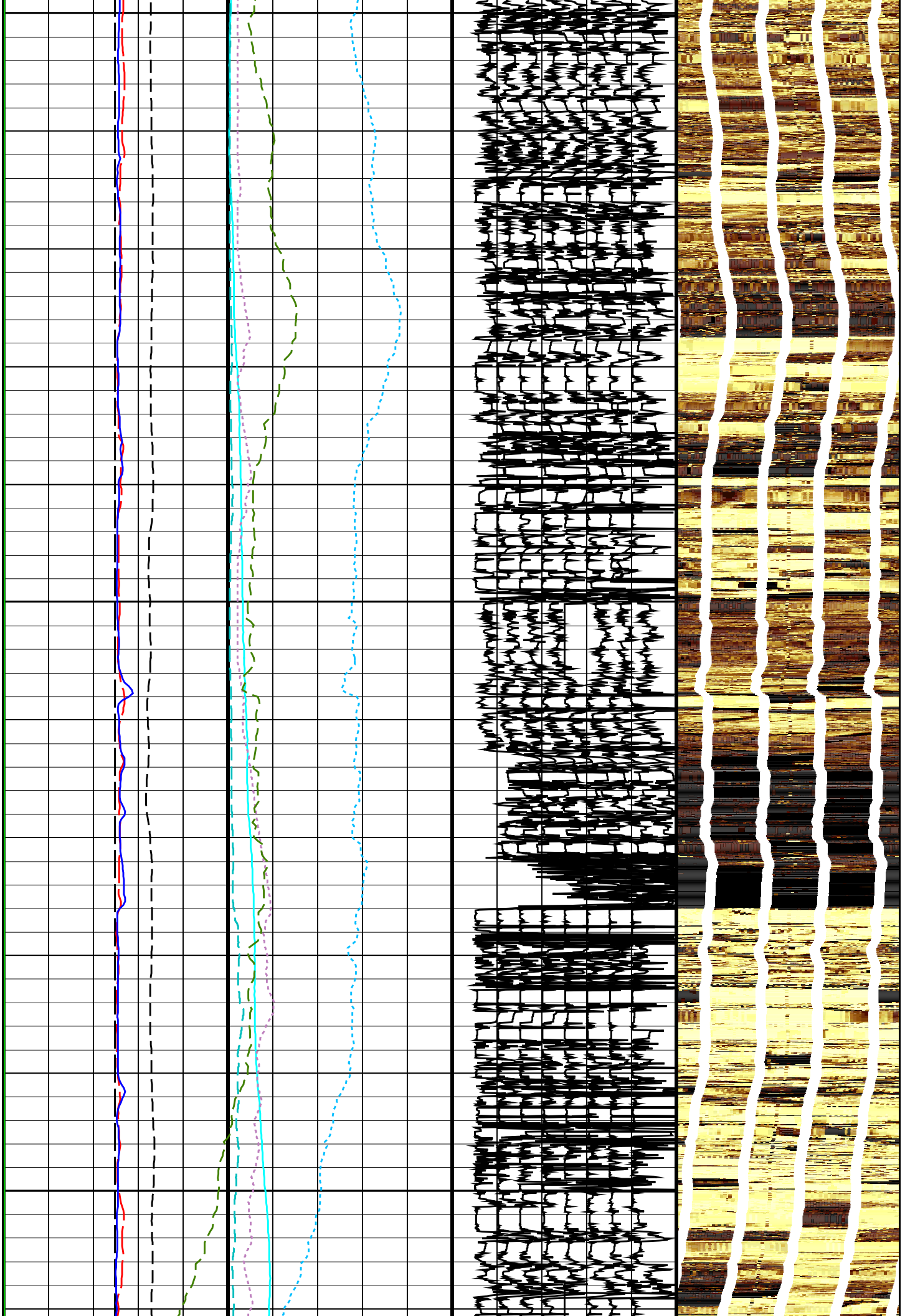
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1625

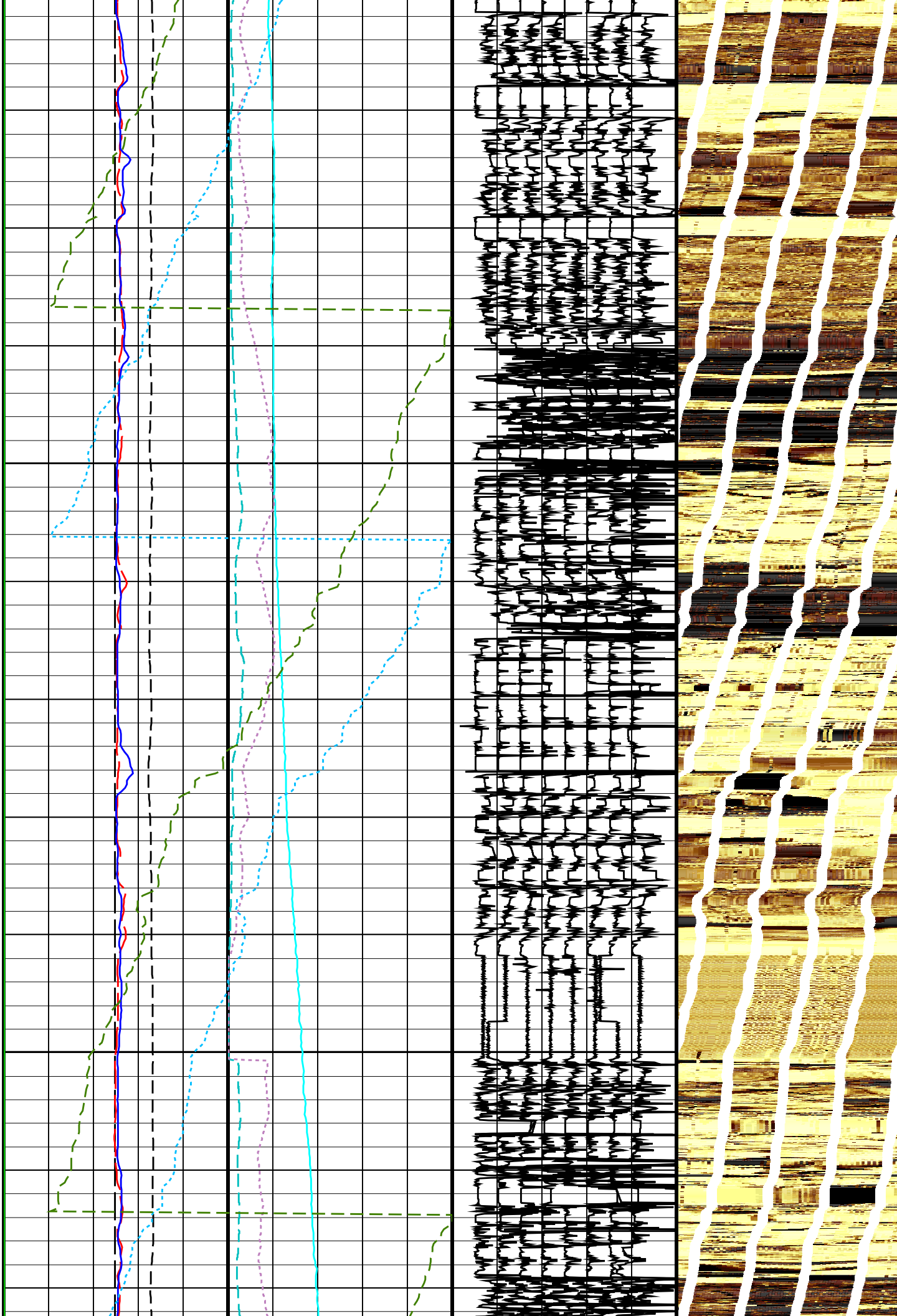
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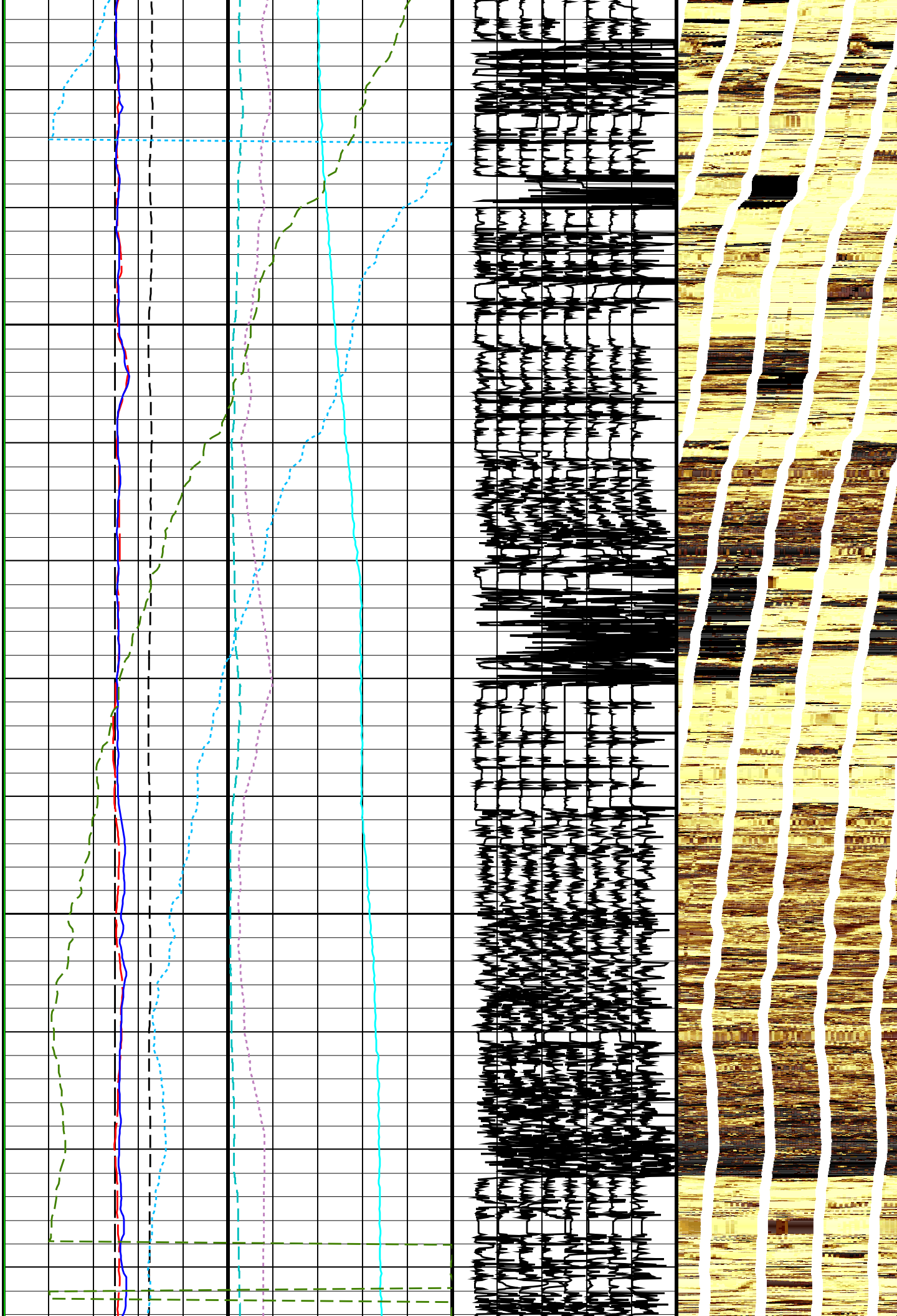
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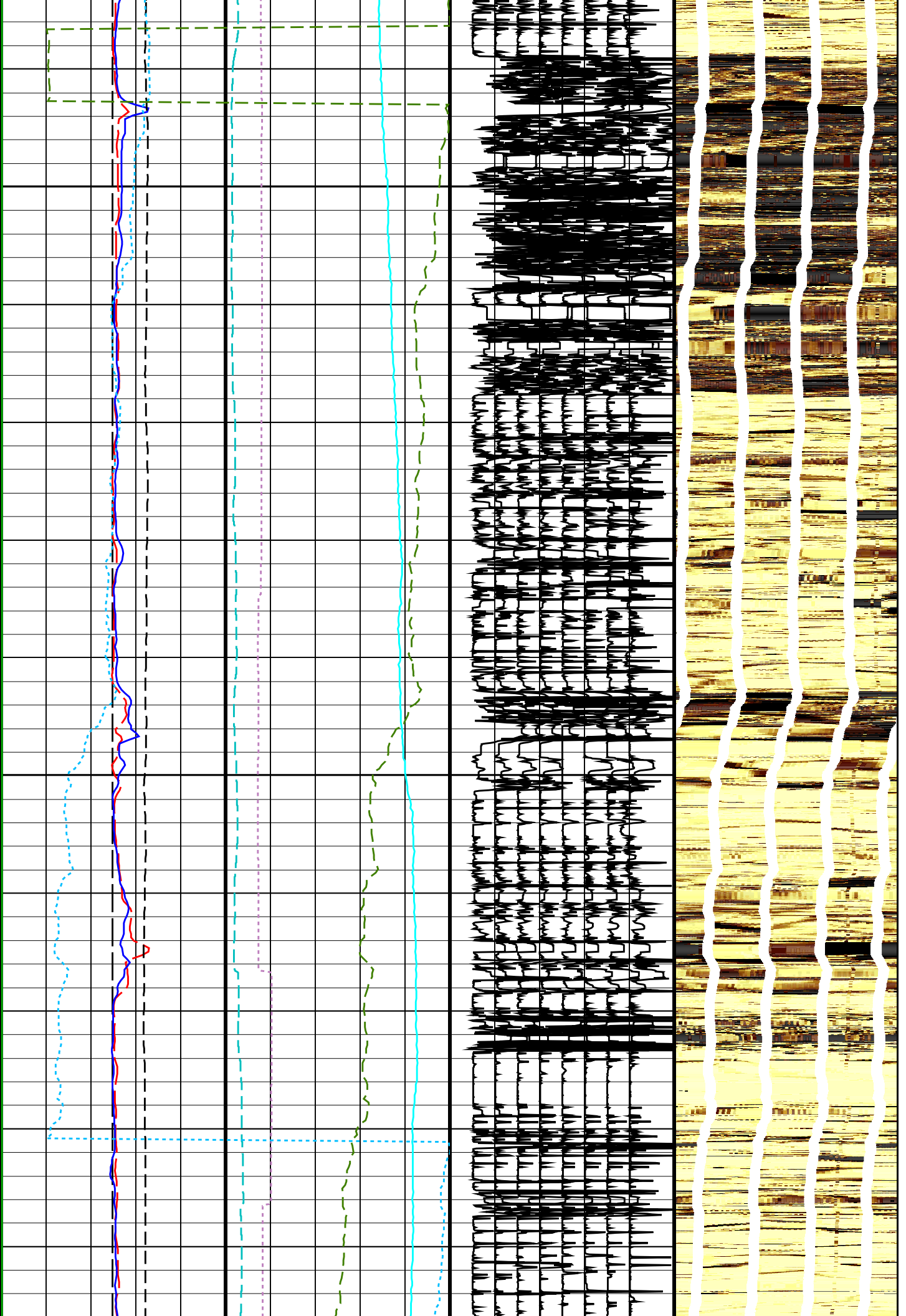
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1800

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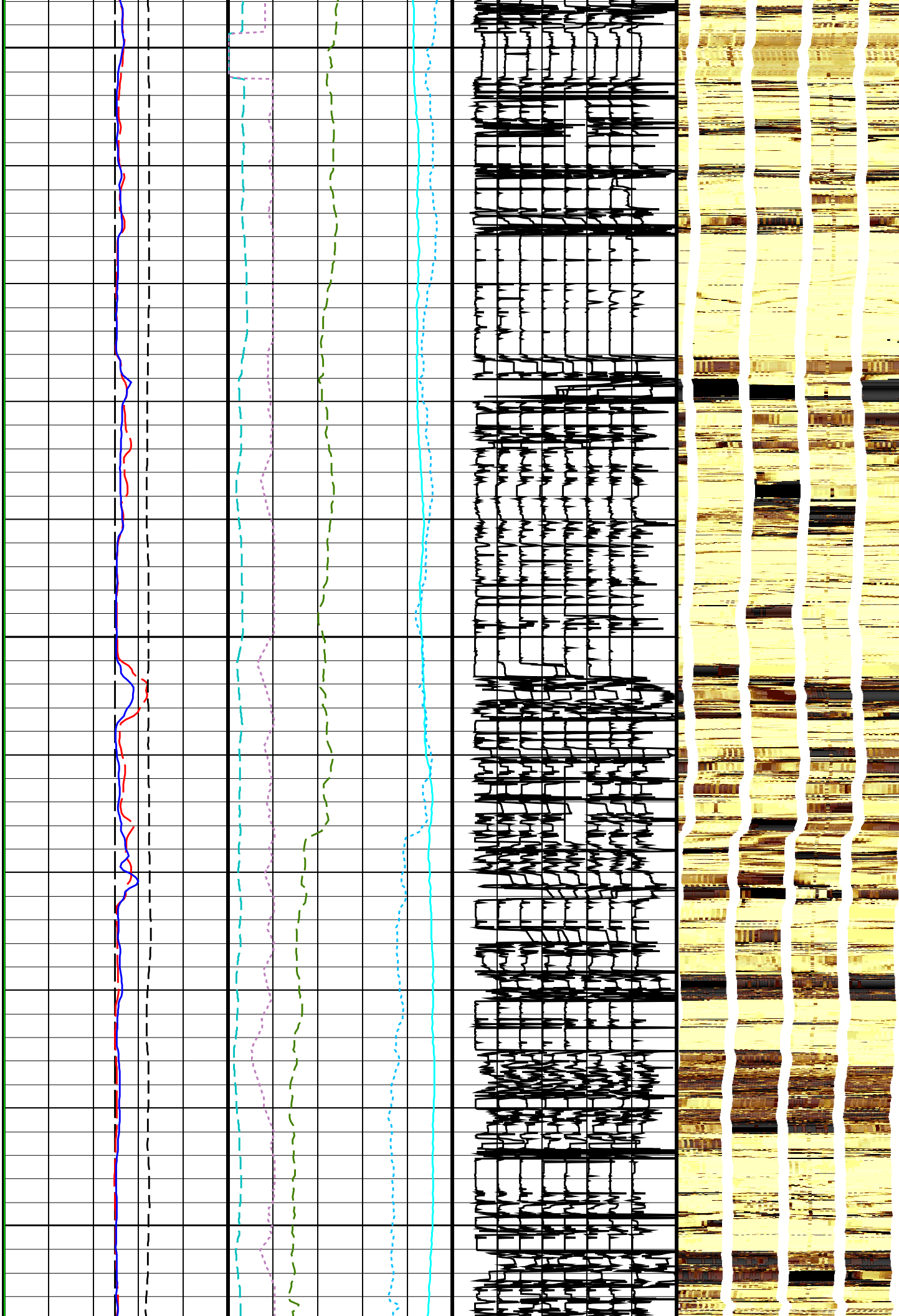


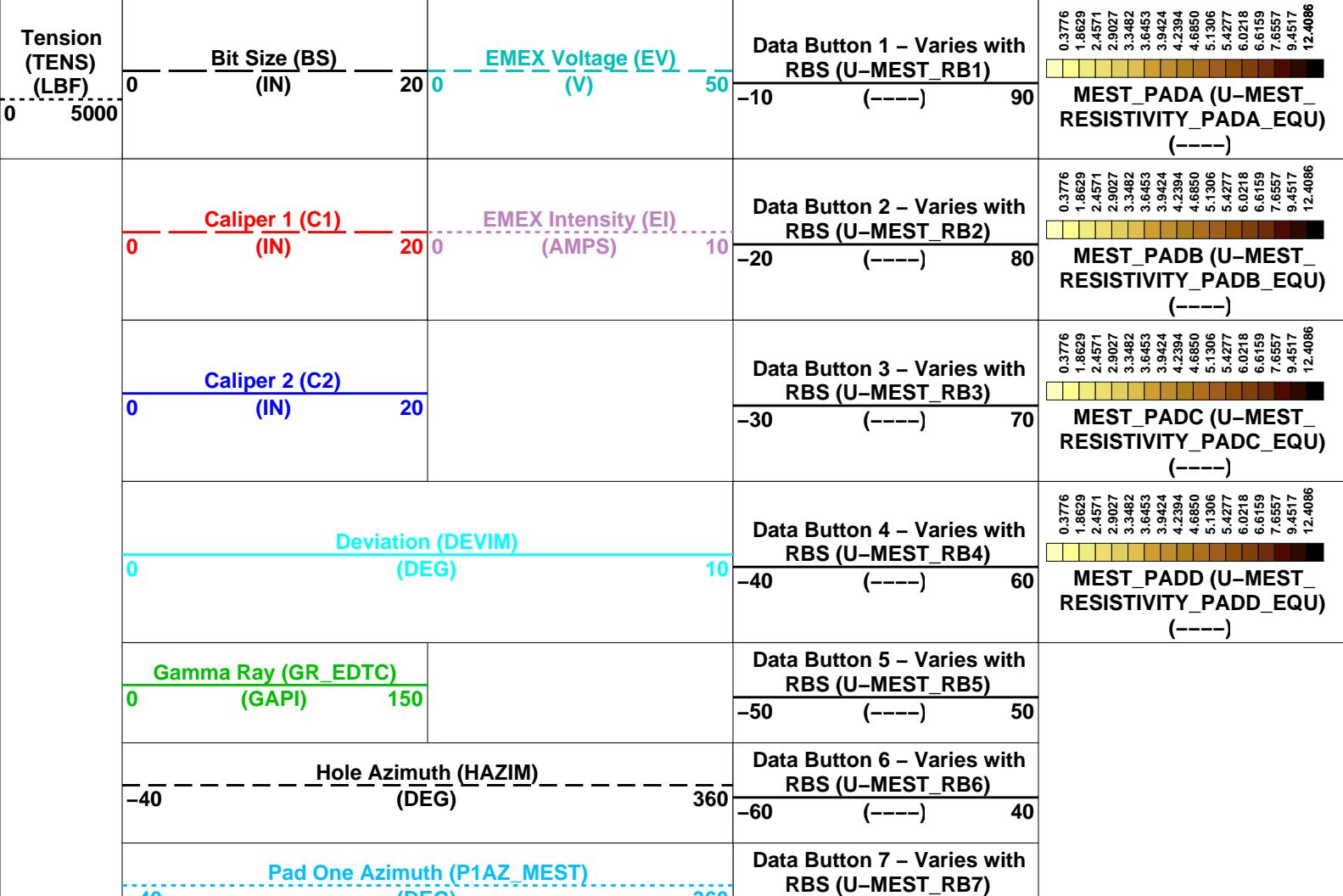
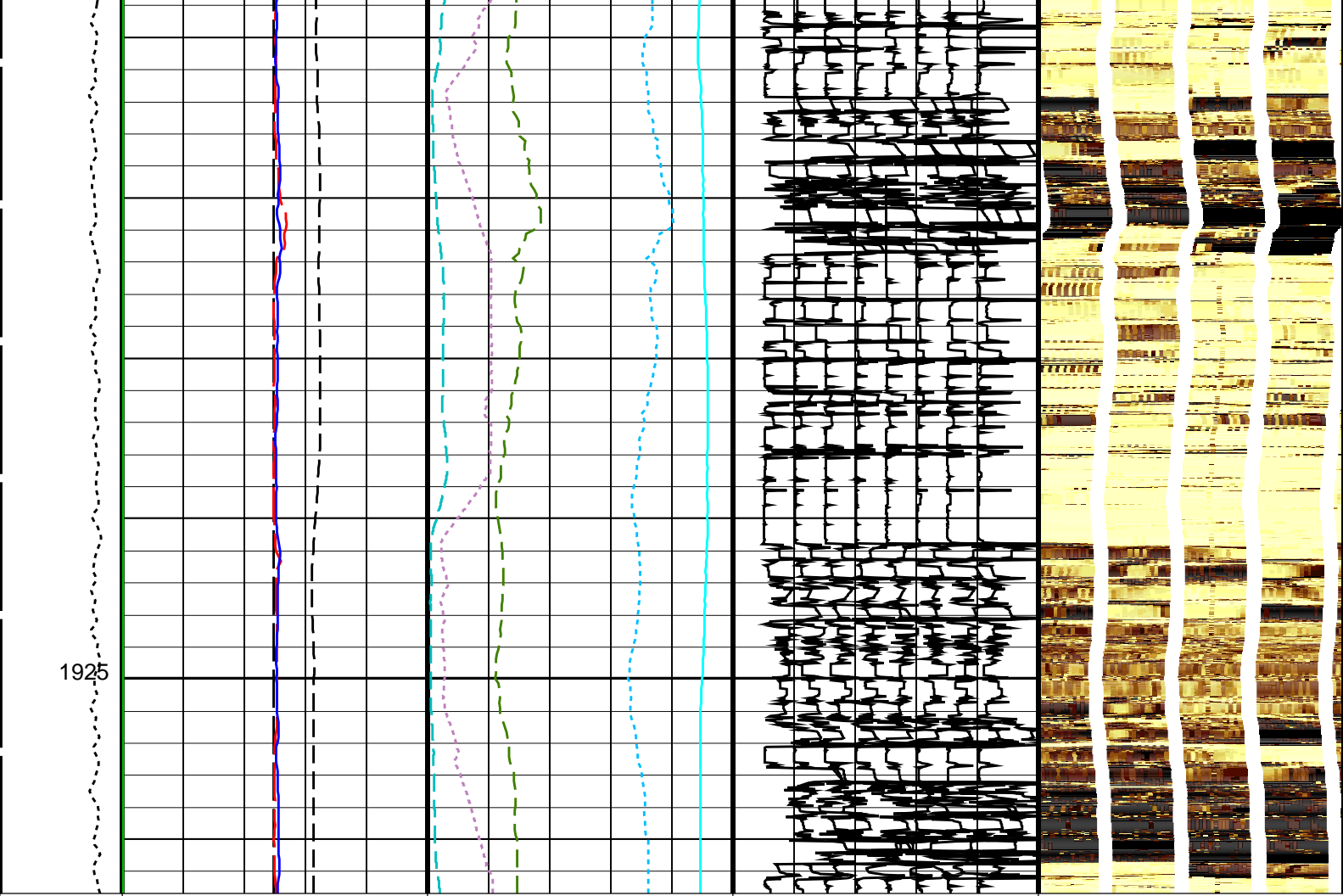


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1875

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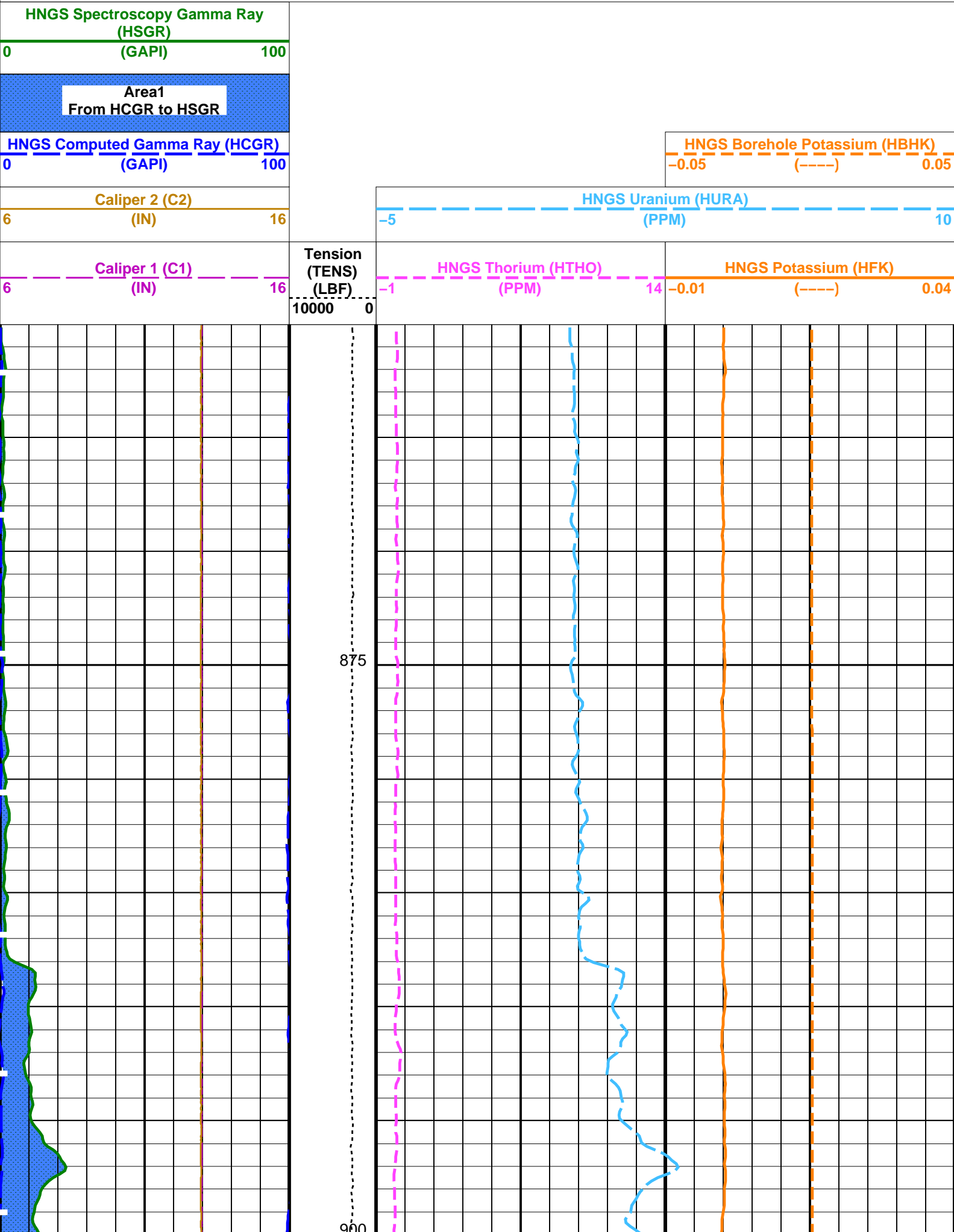


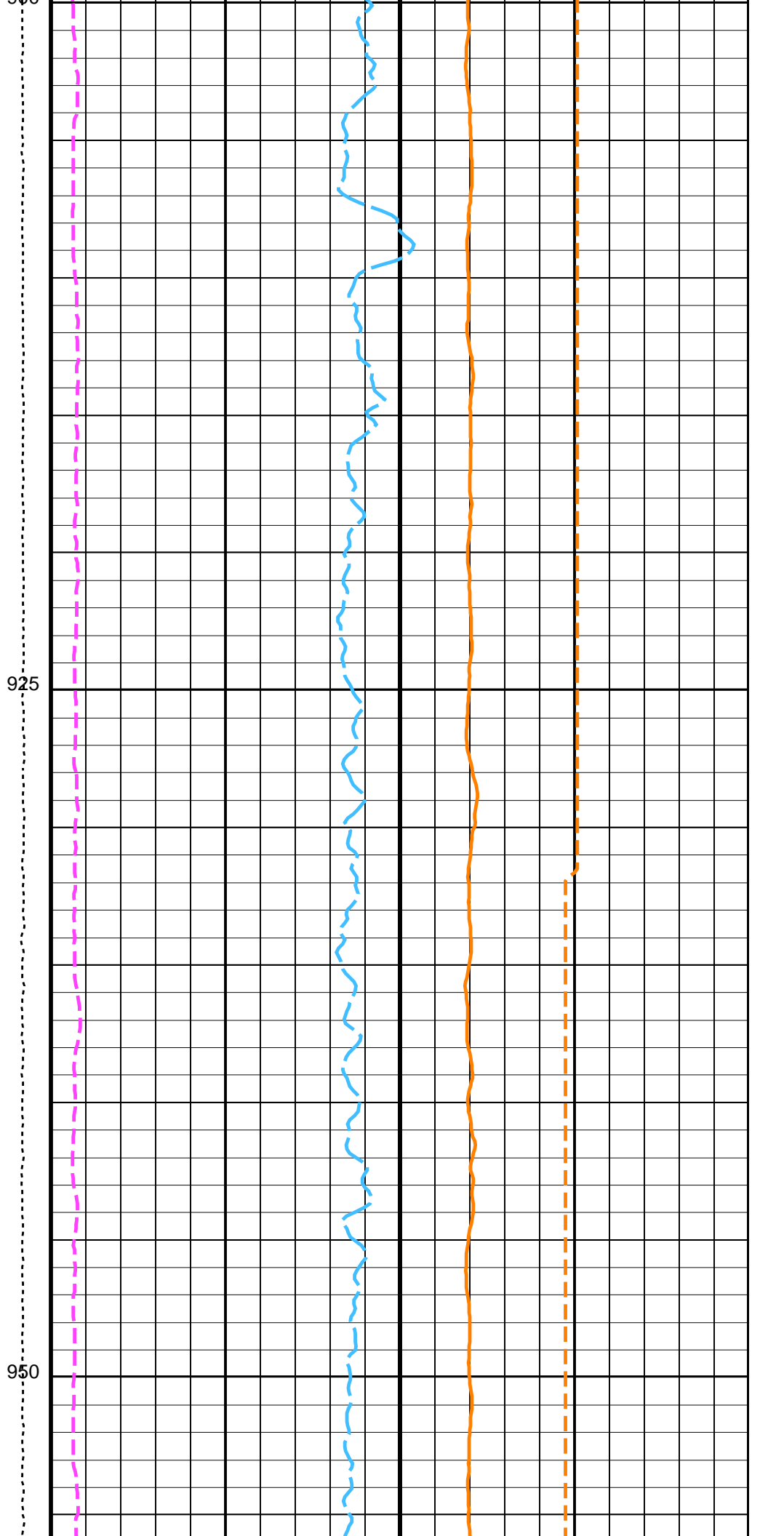
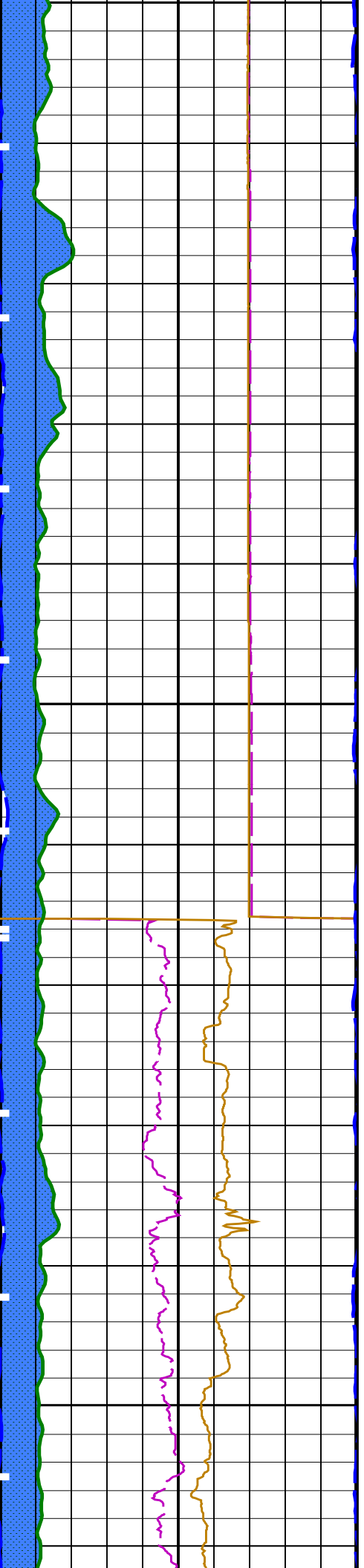


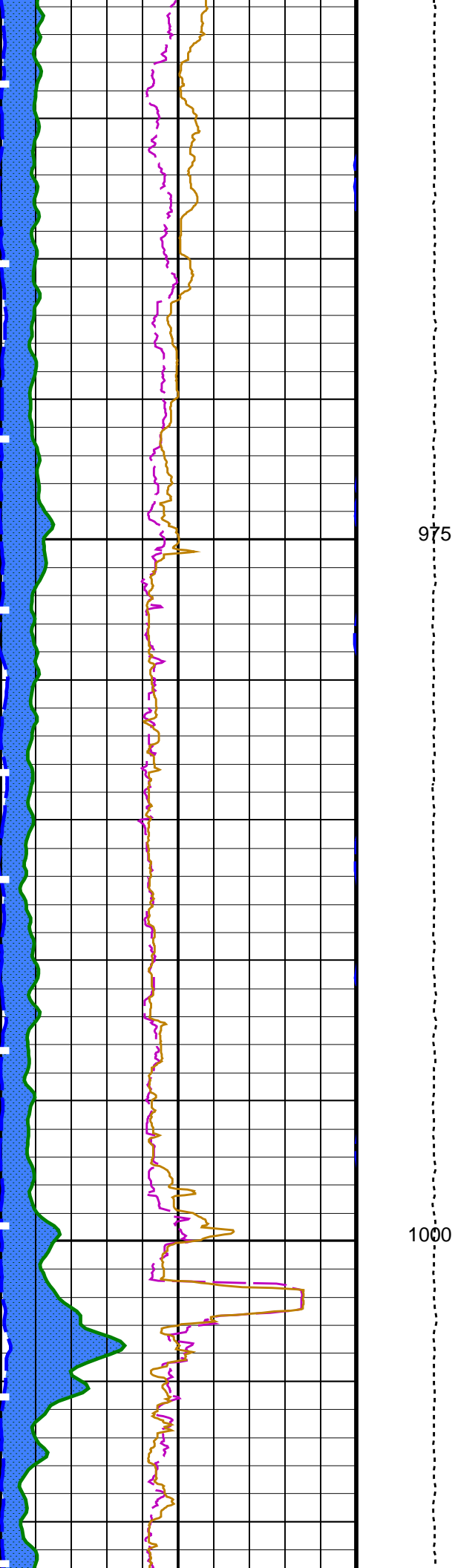
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S

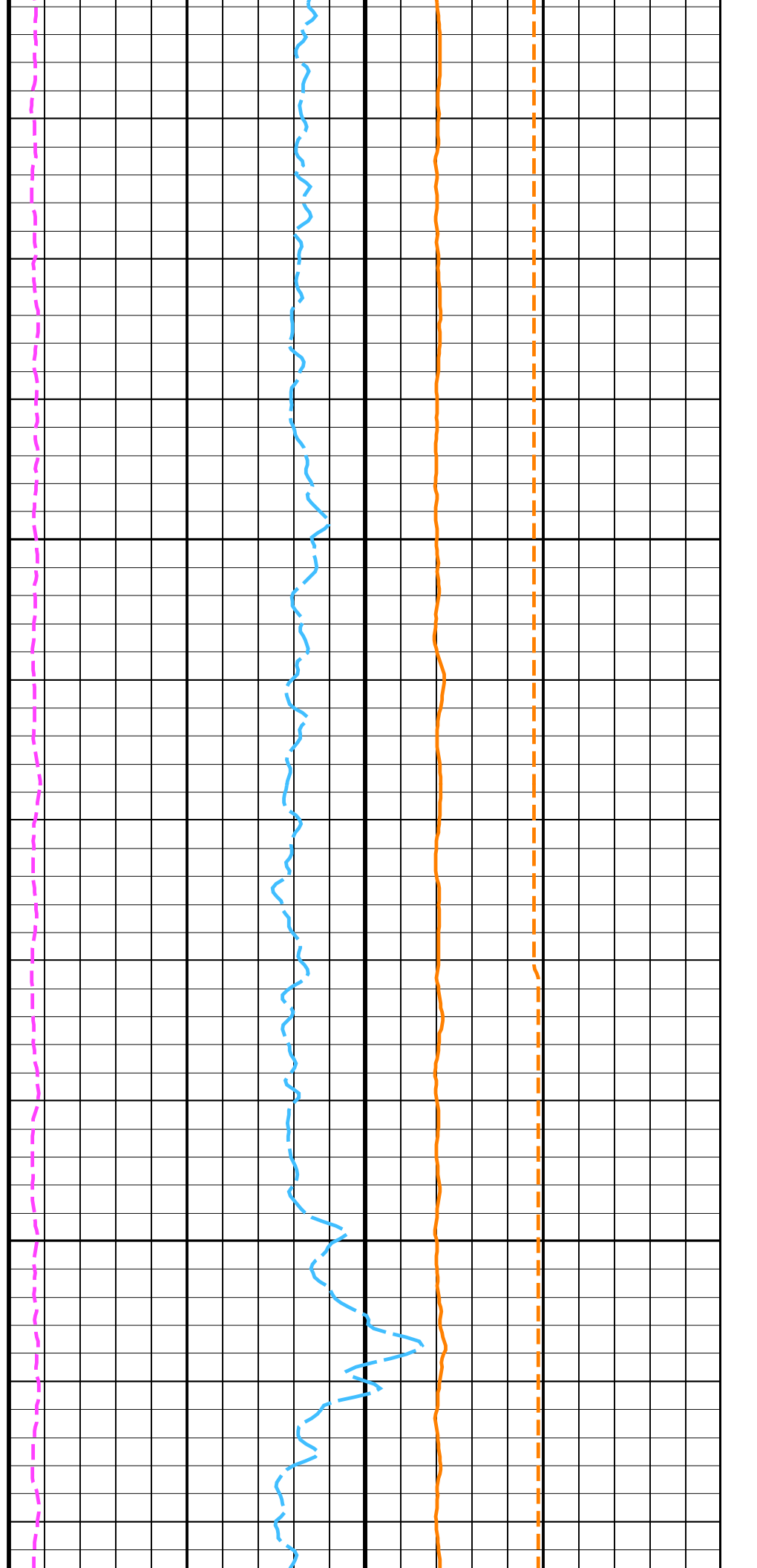


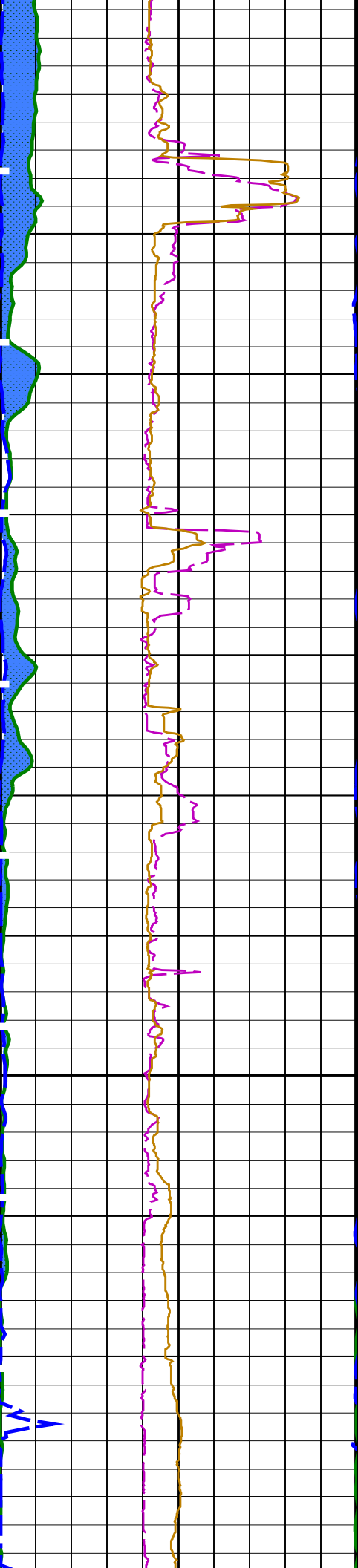




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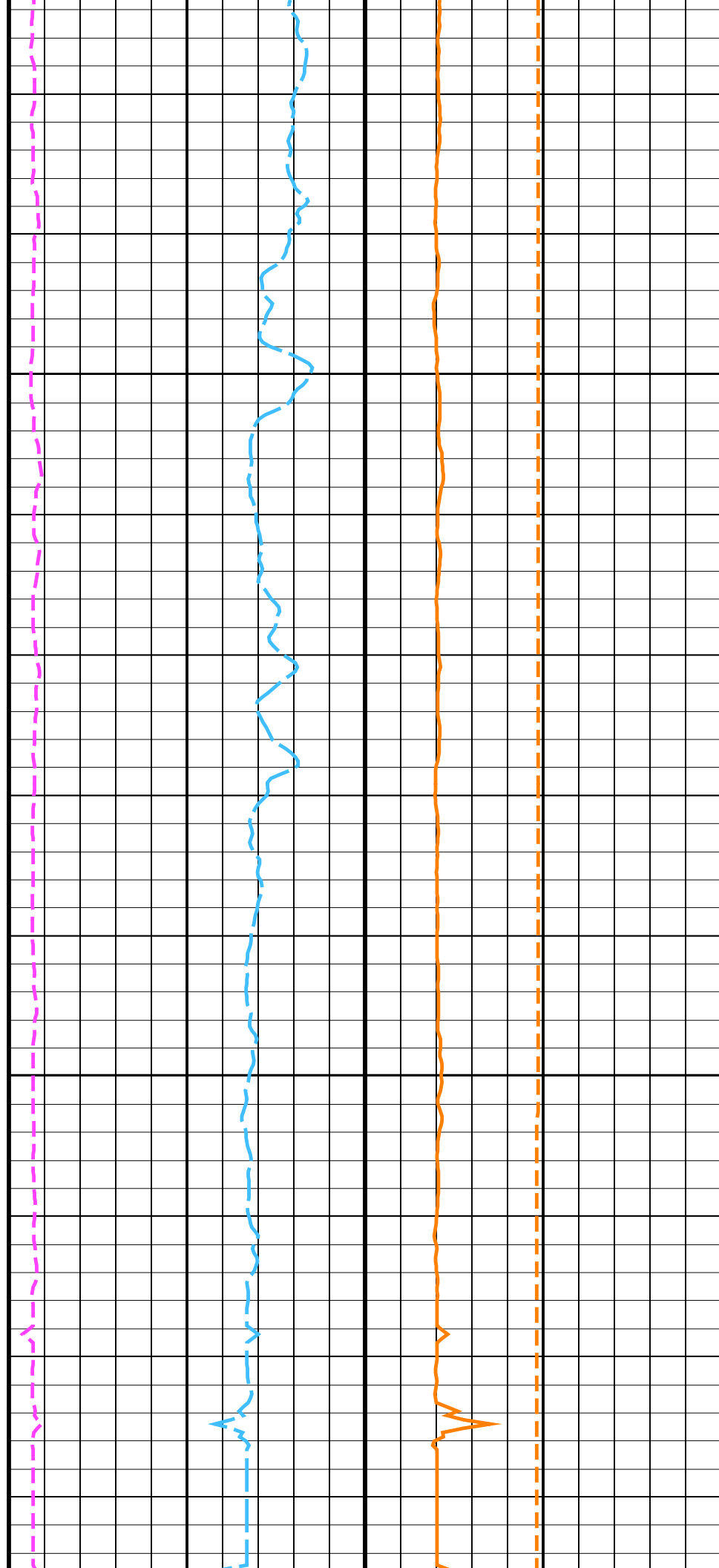
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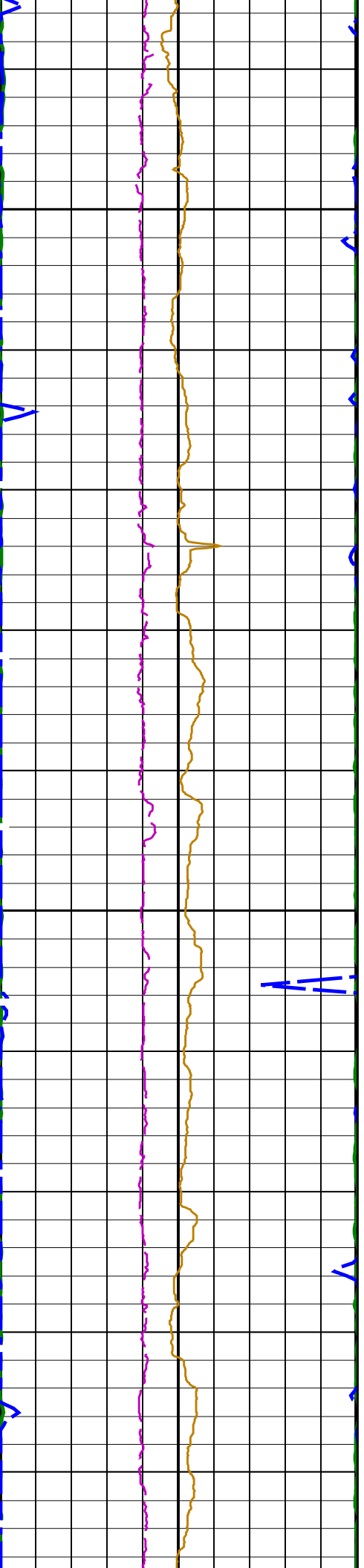




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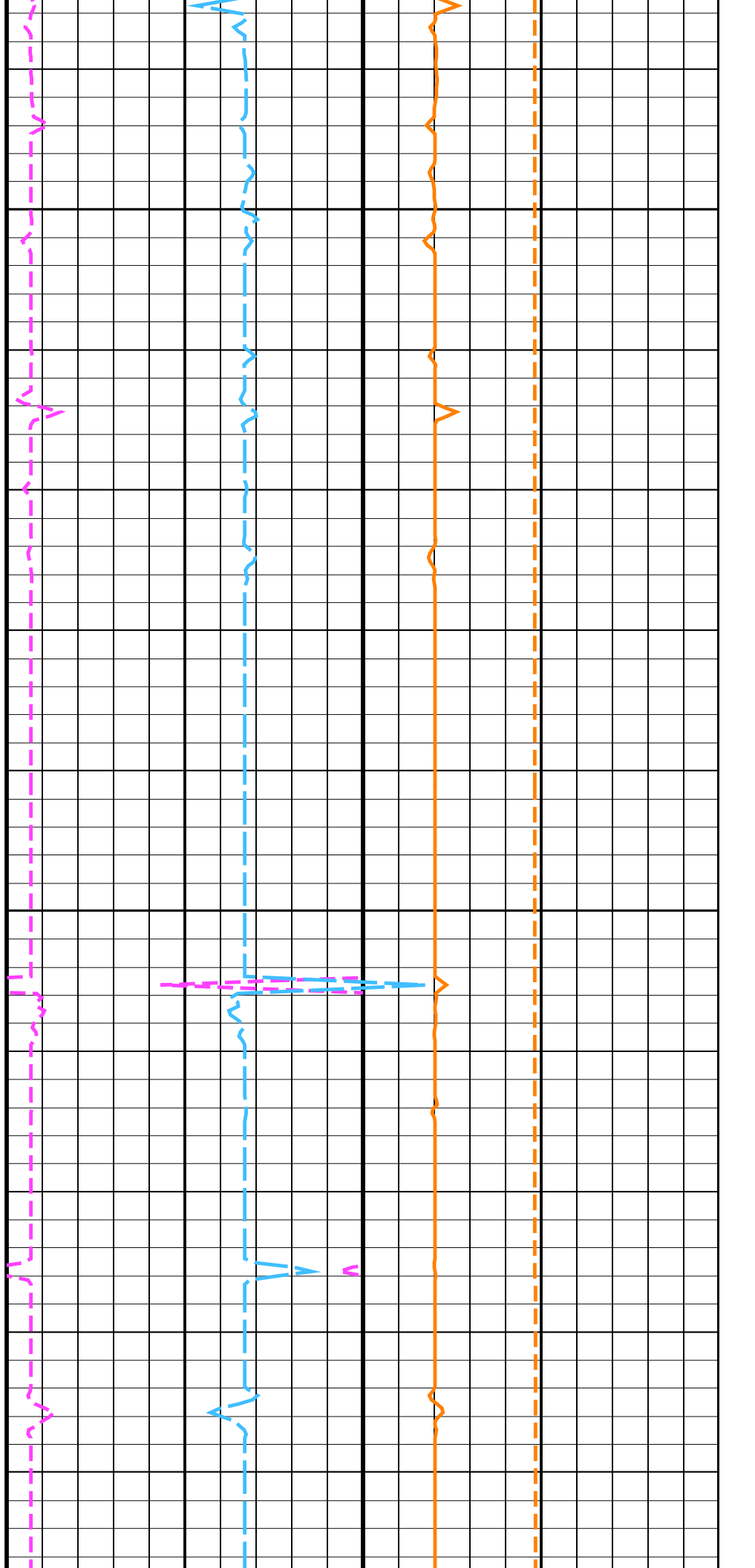
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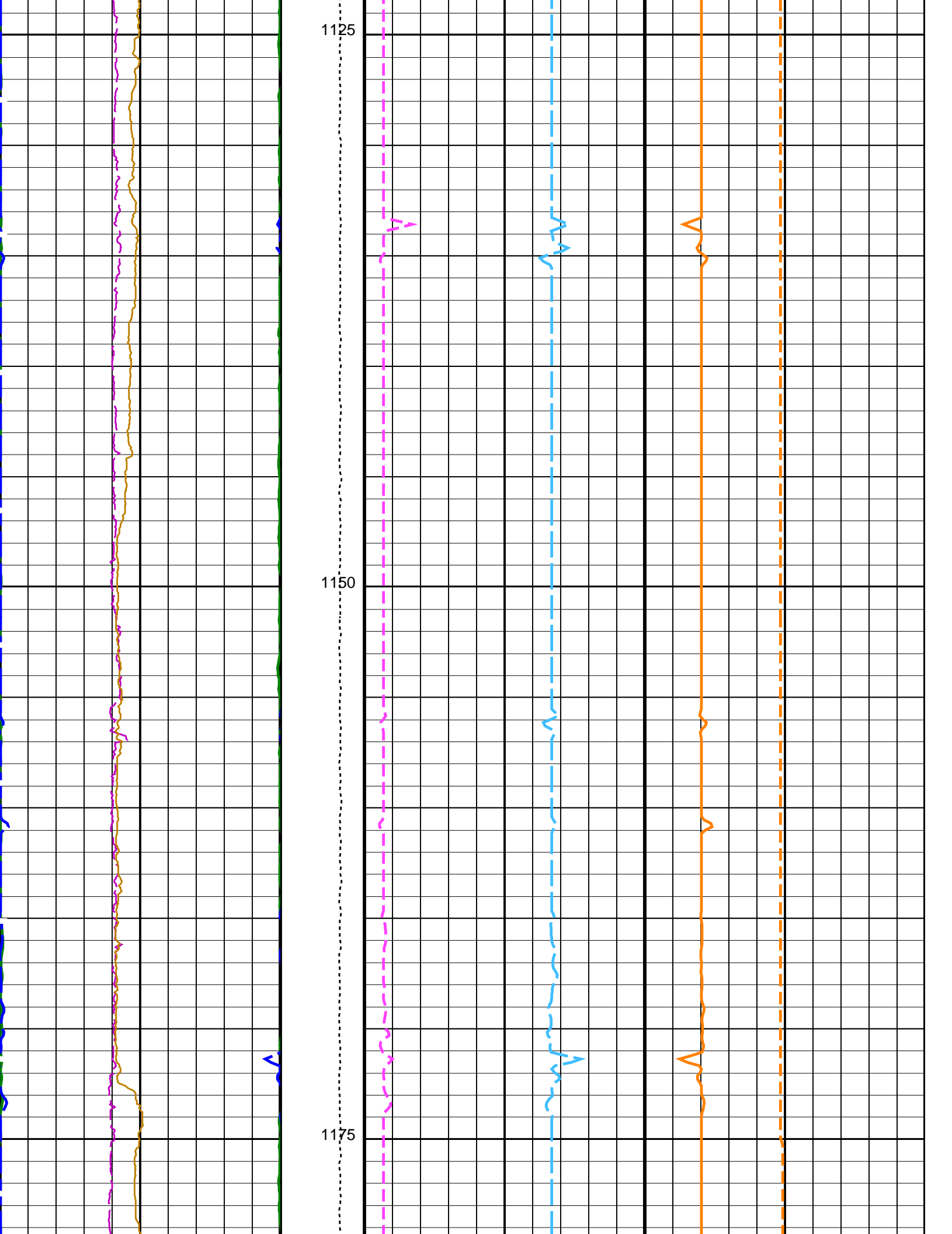


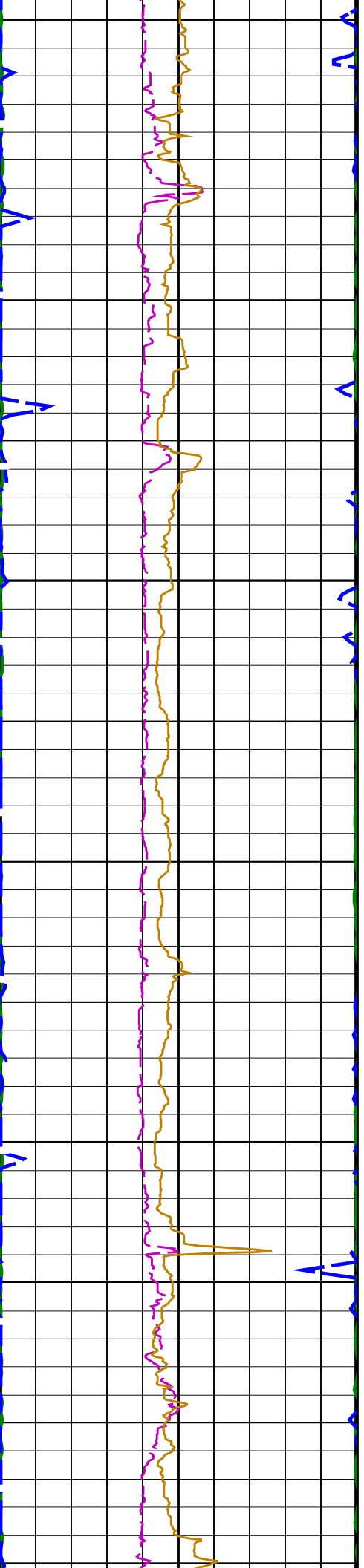
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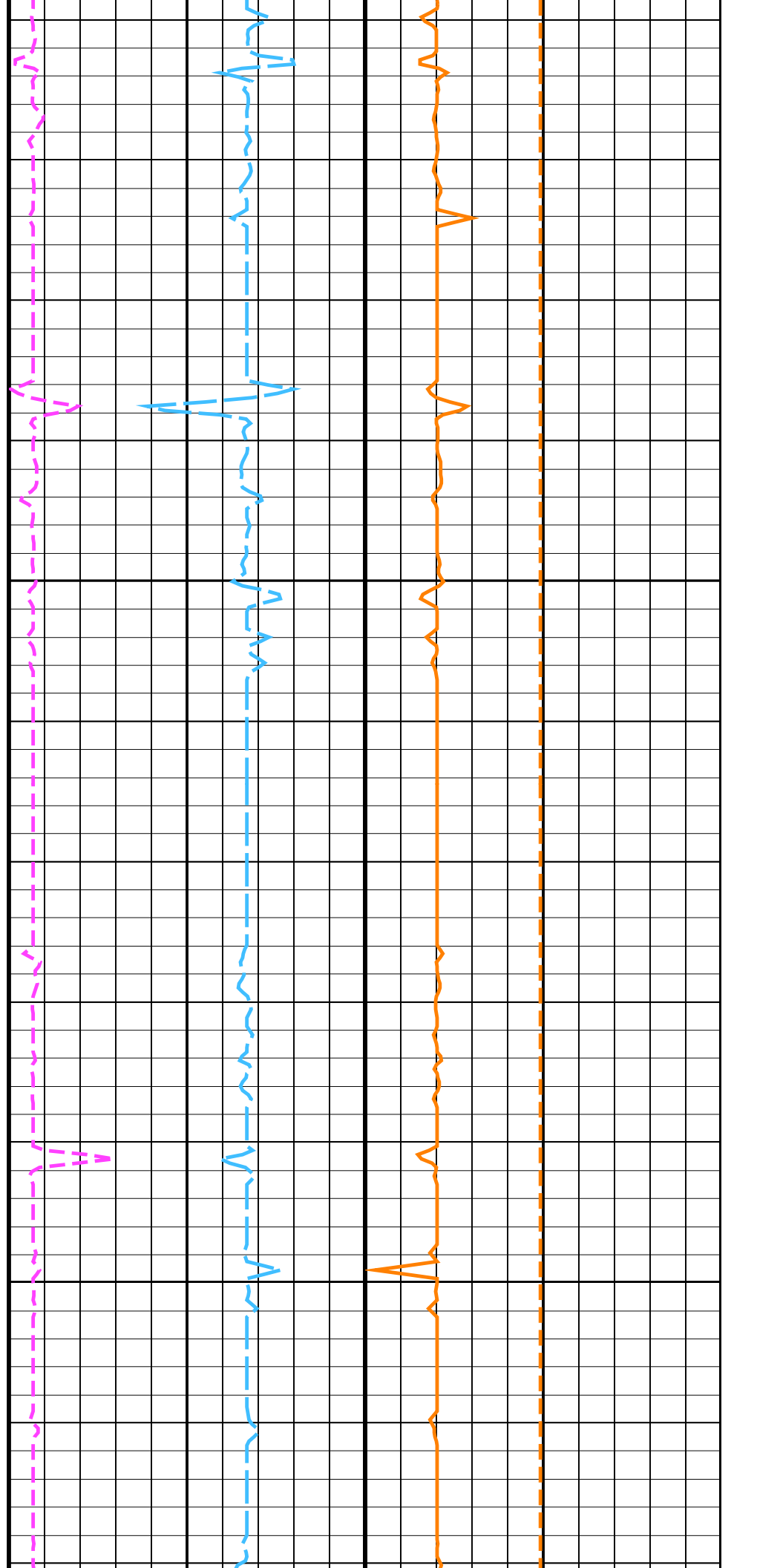


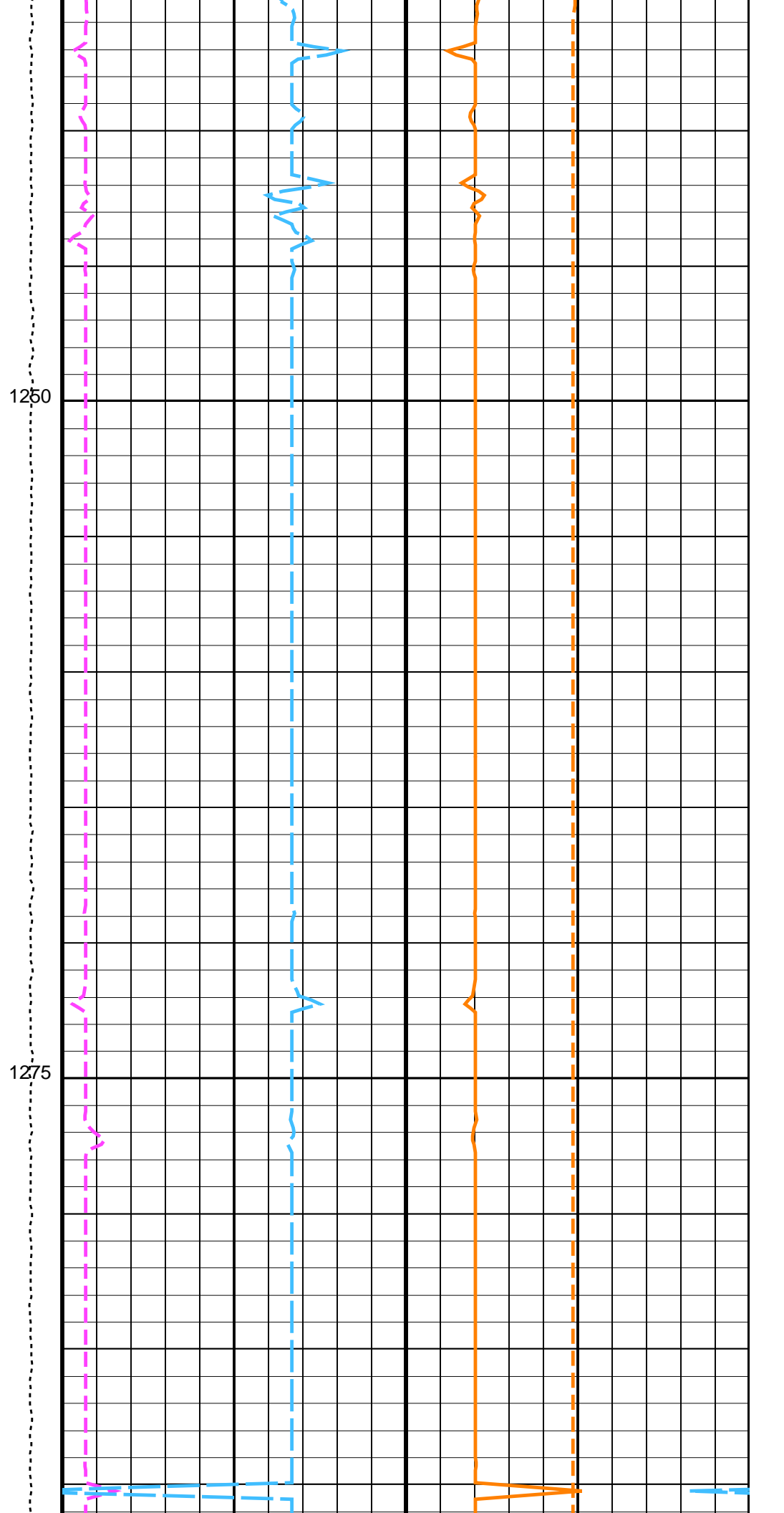
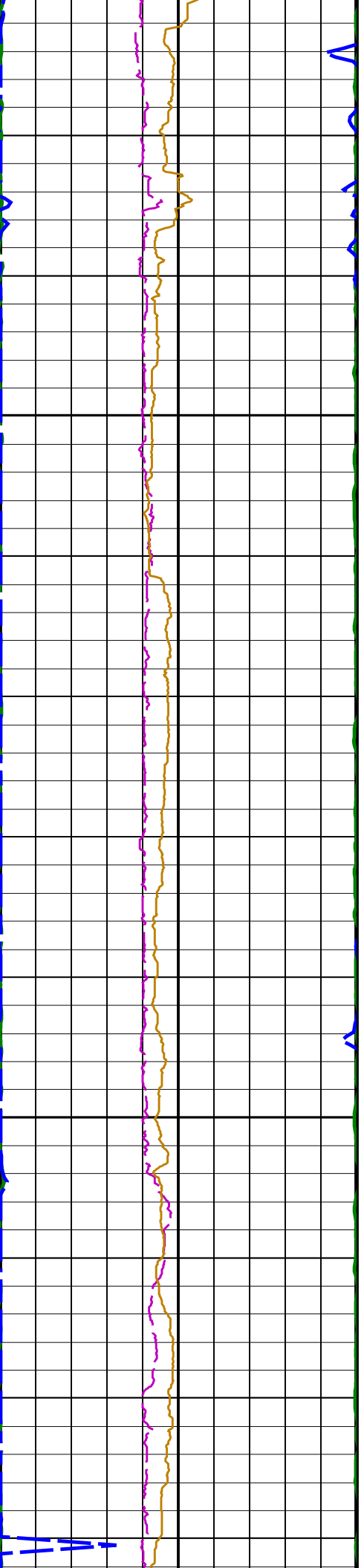


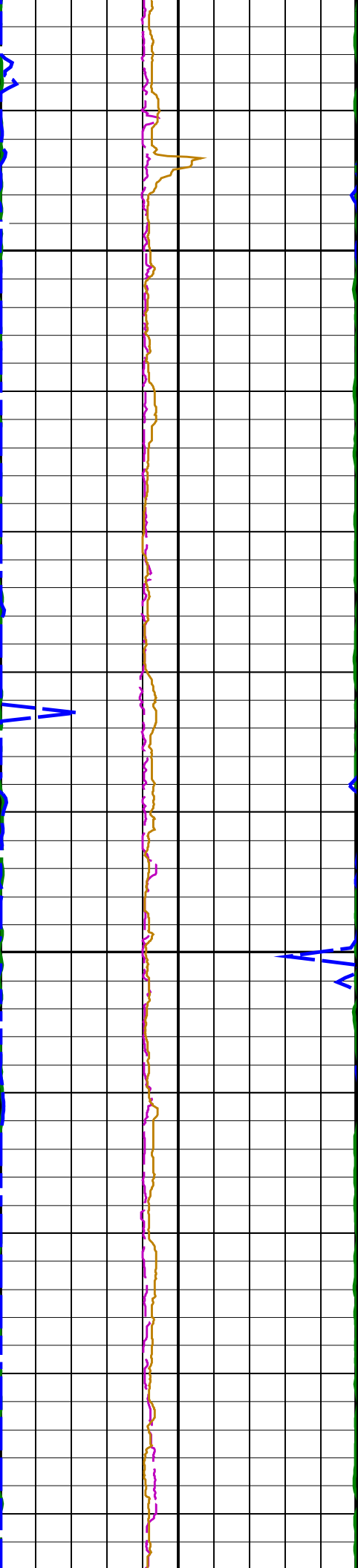


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1225

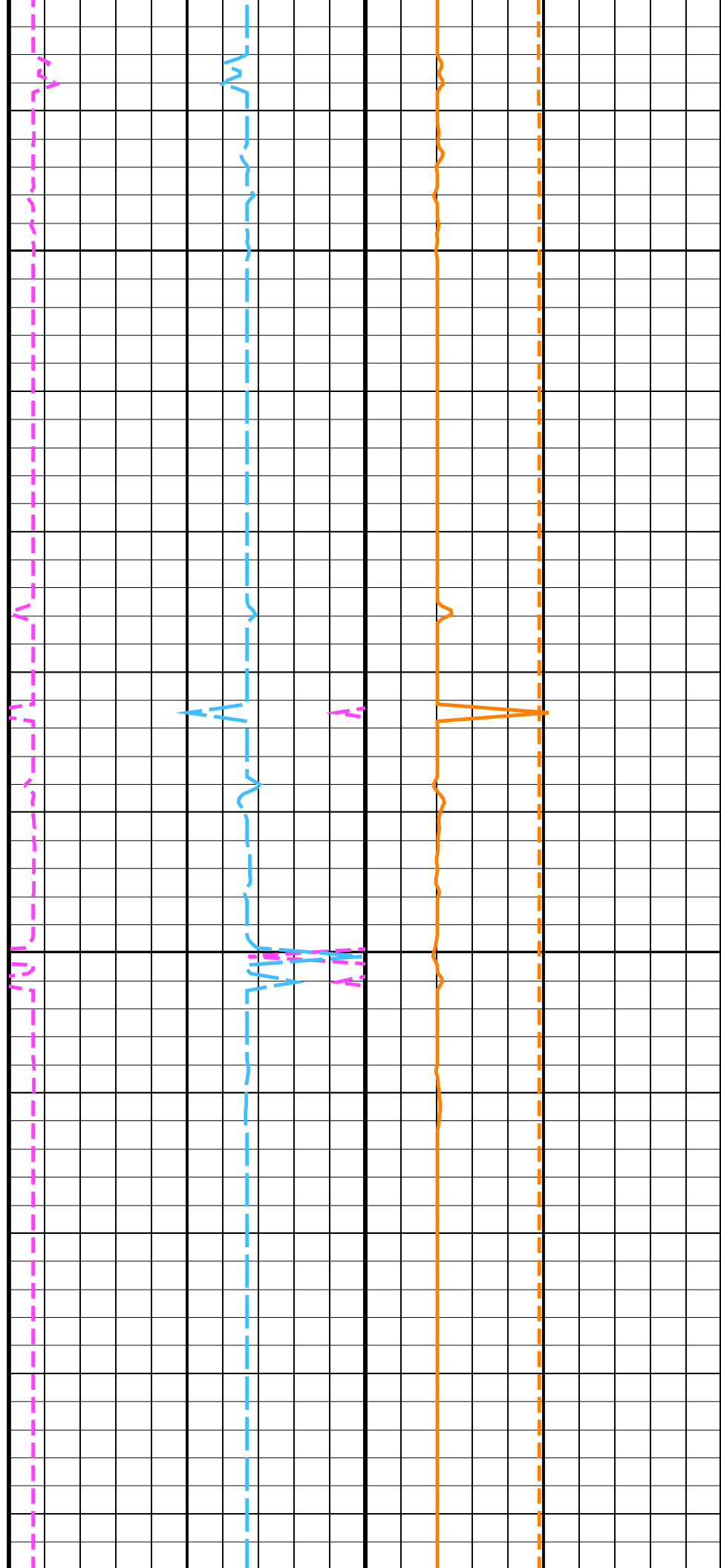


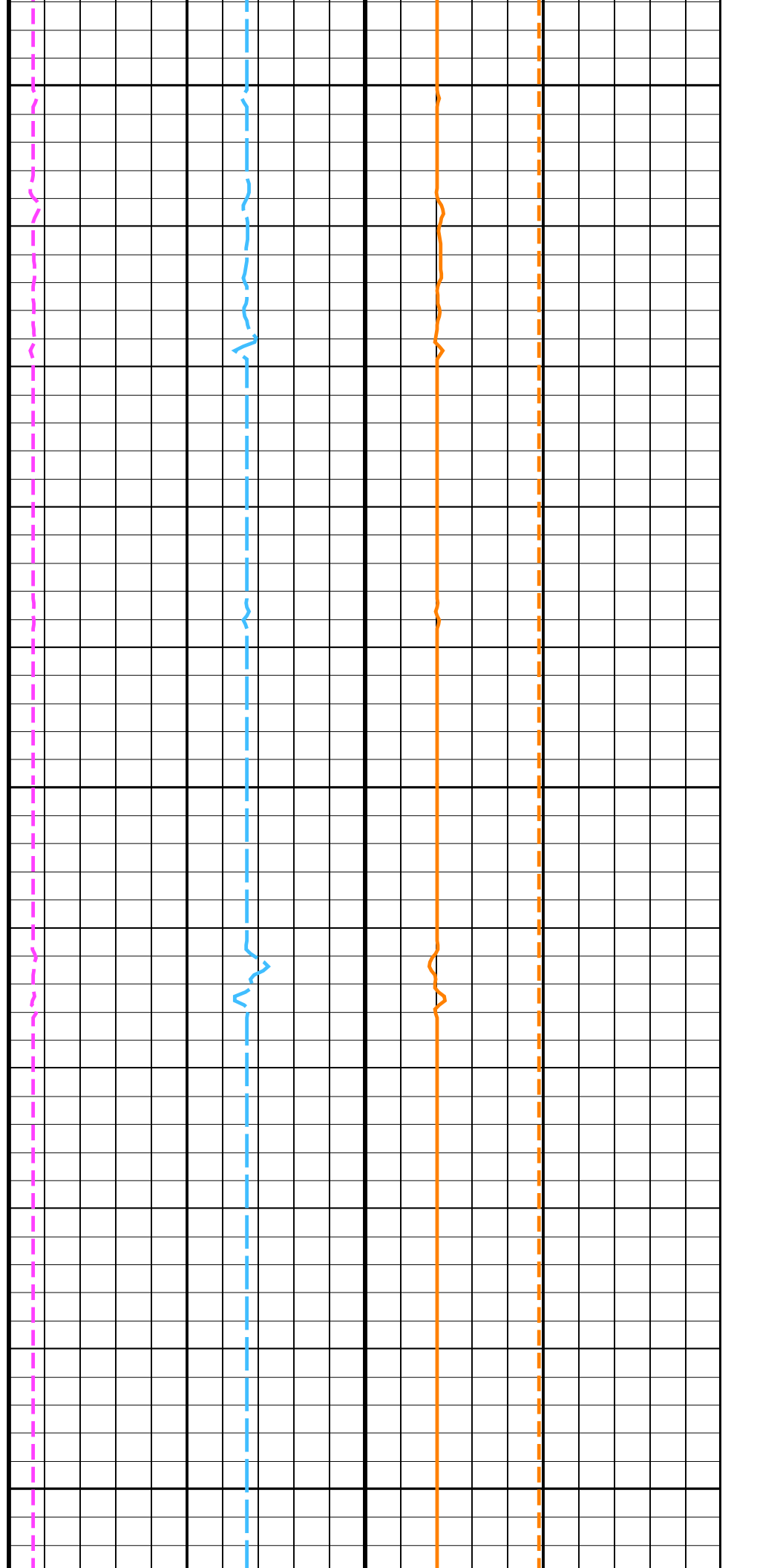
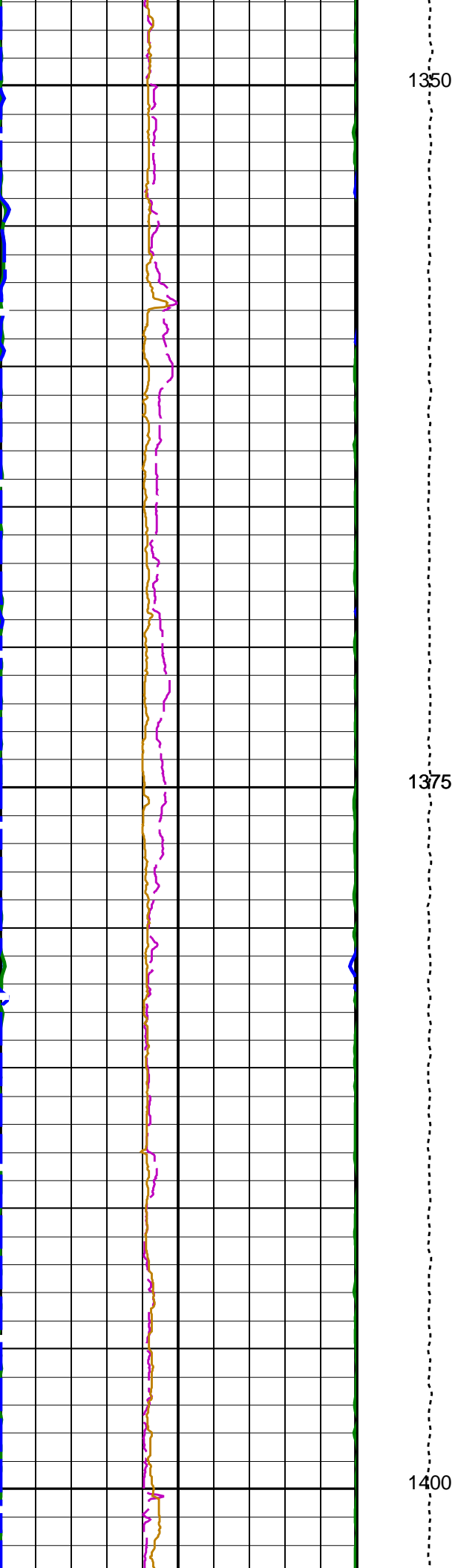


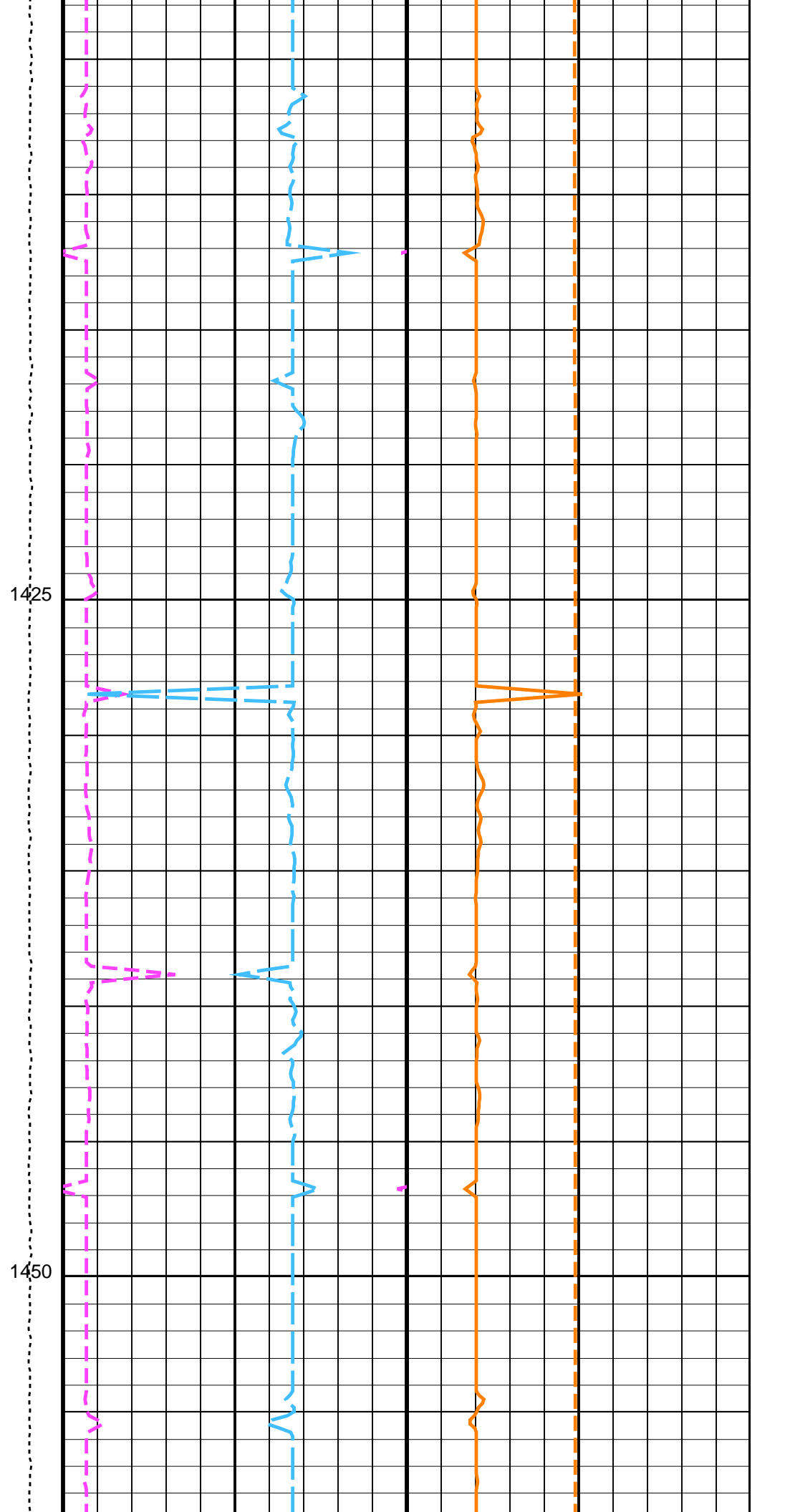
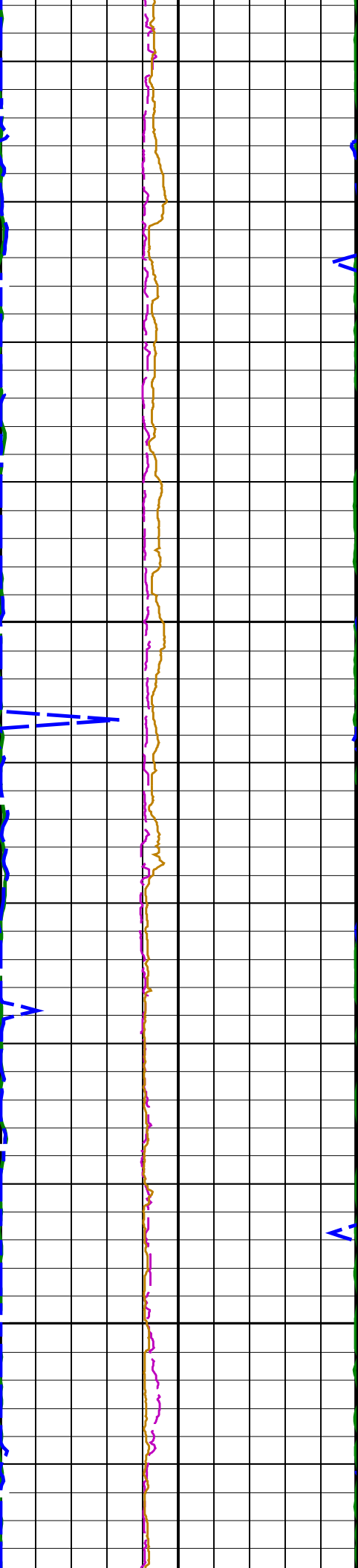


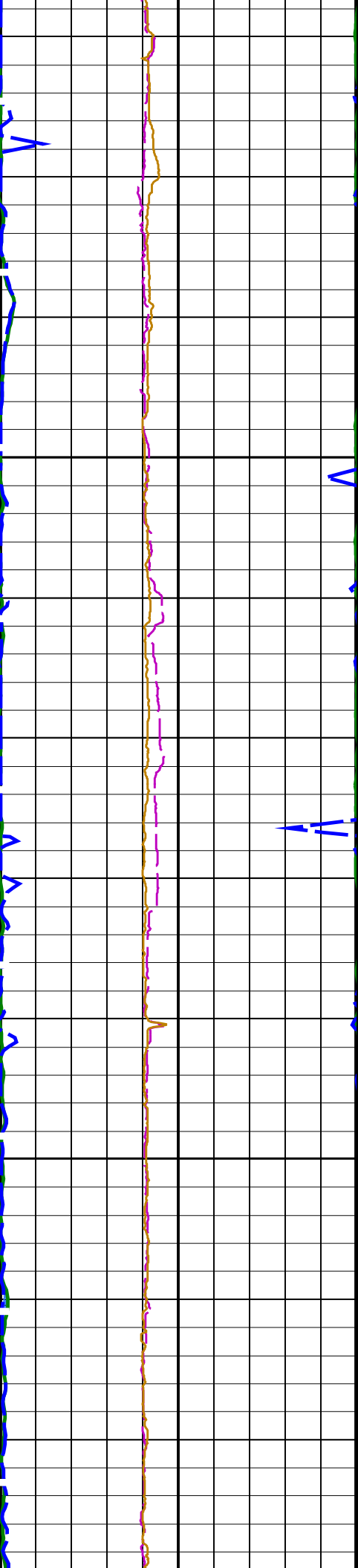
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1325



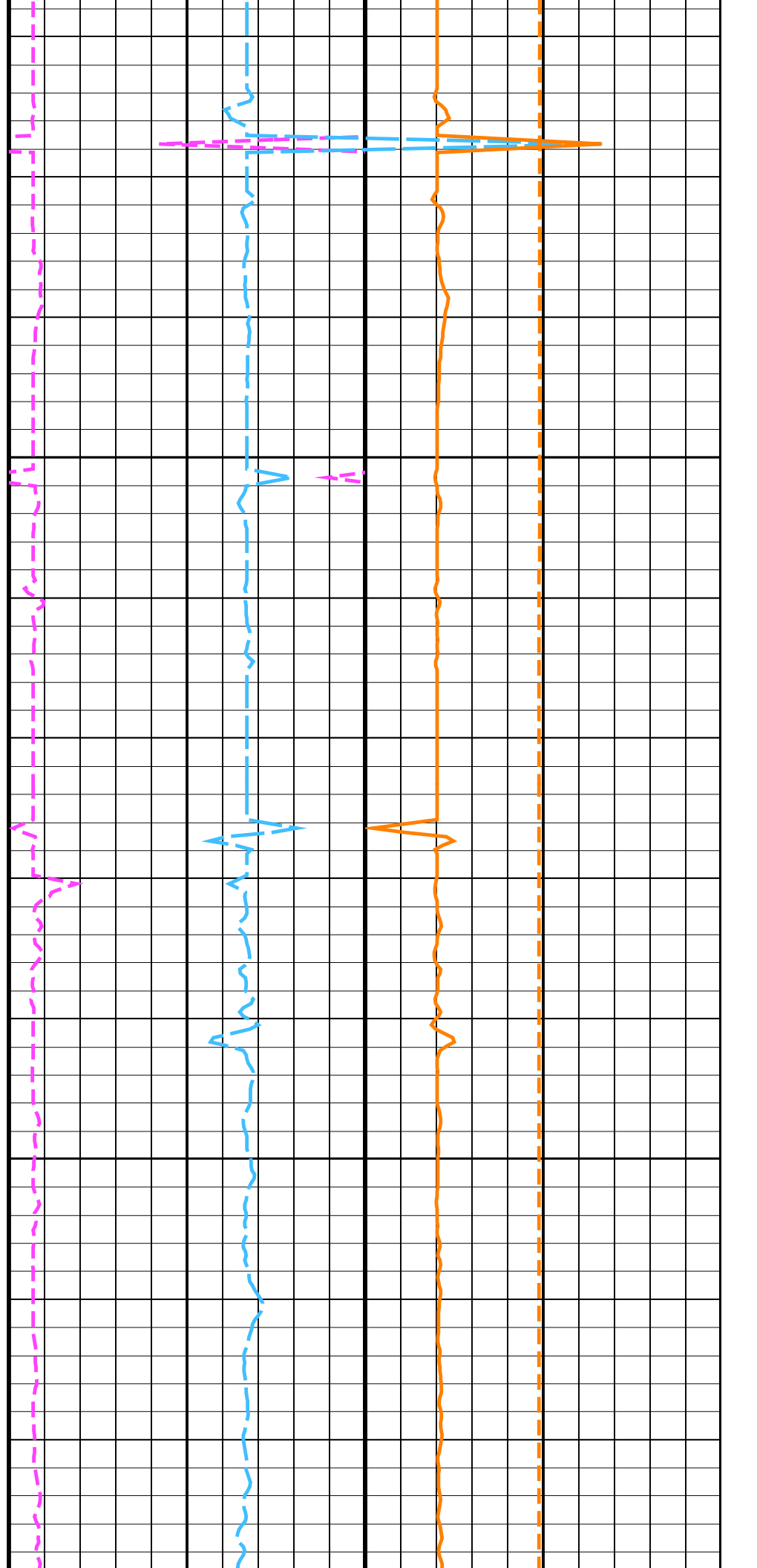


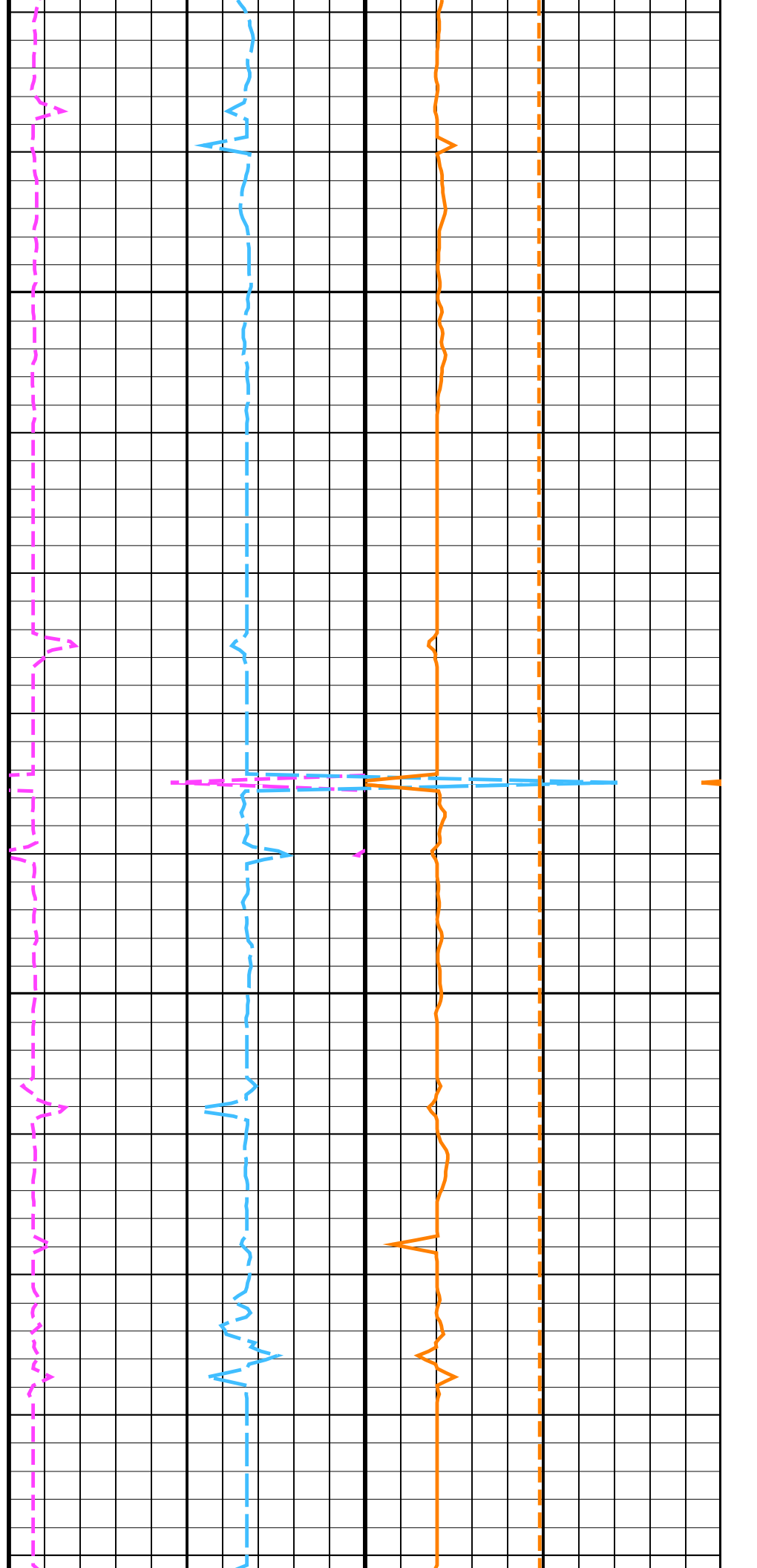
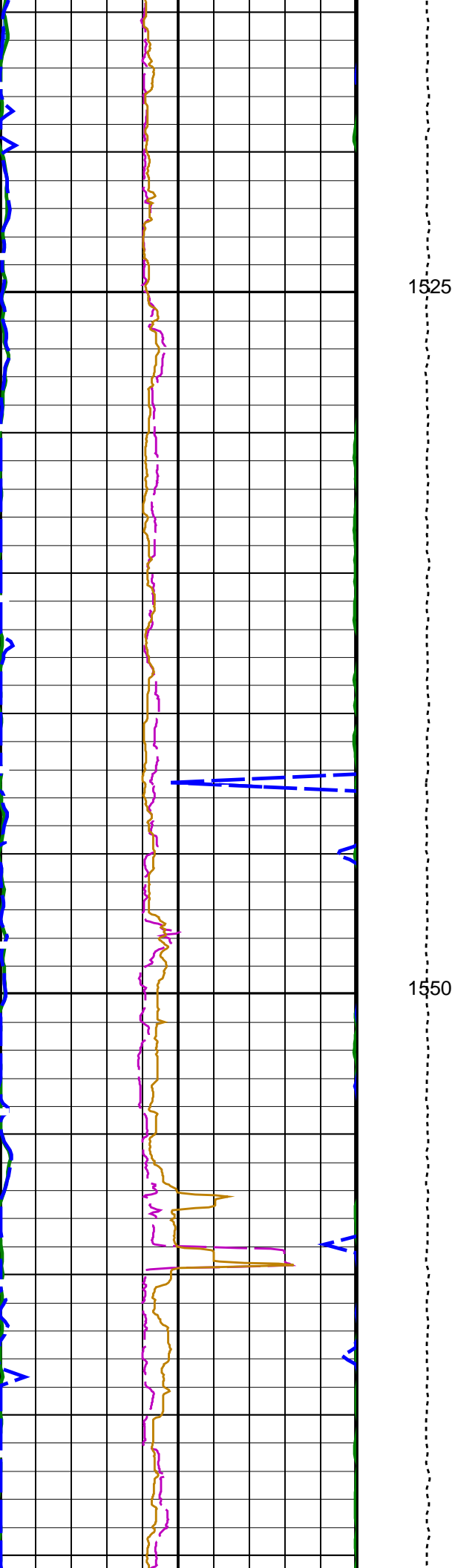




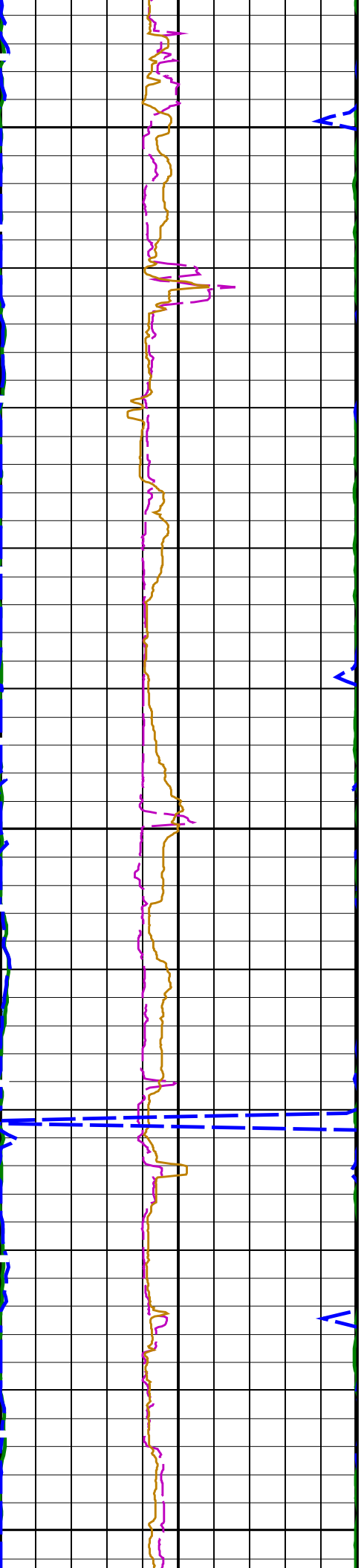
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1500





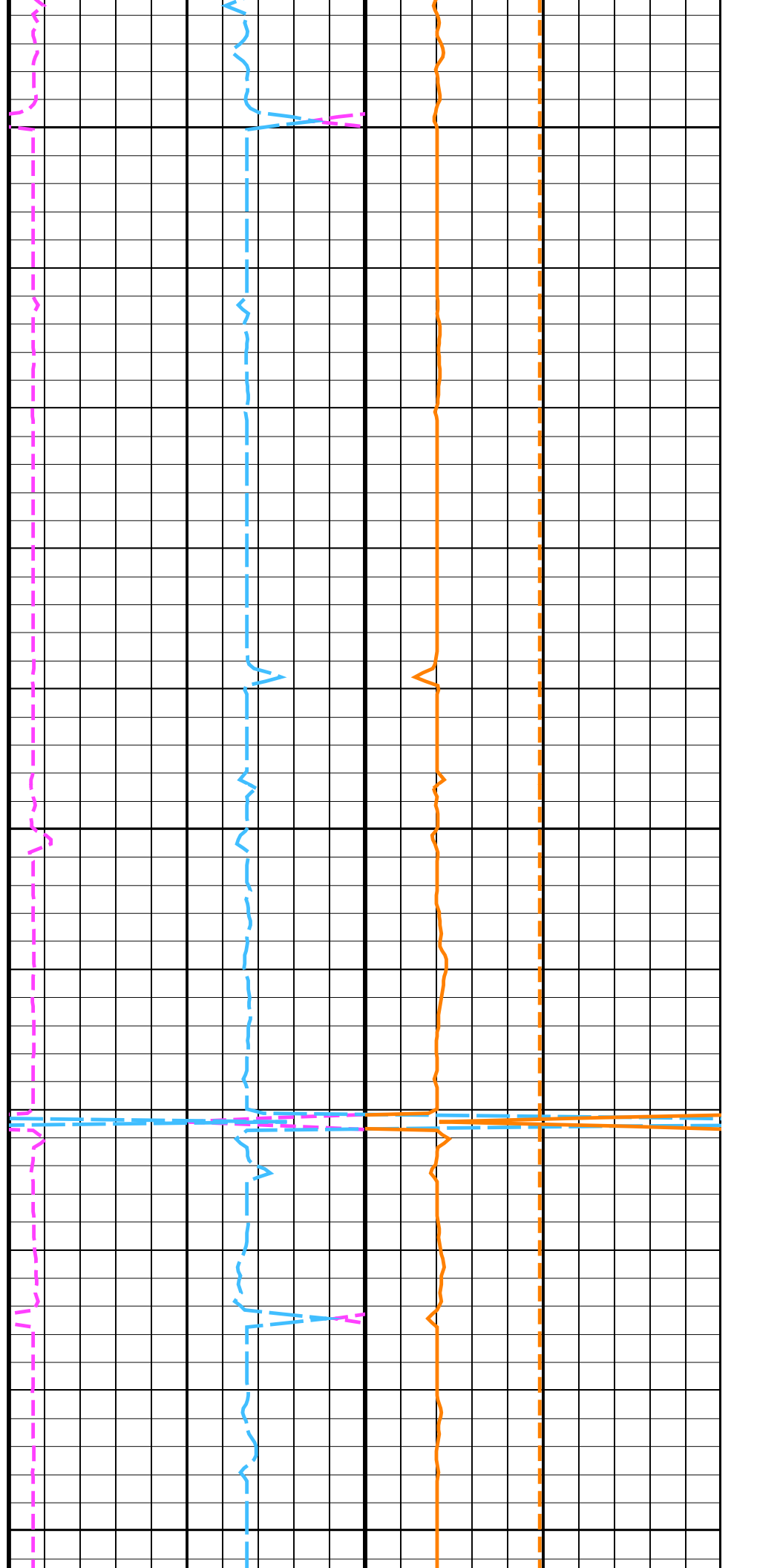


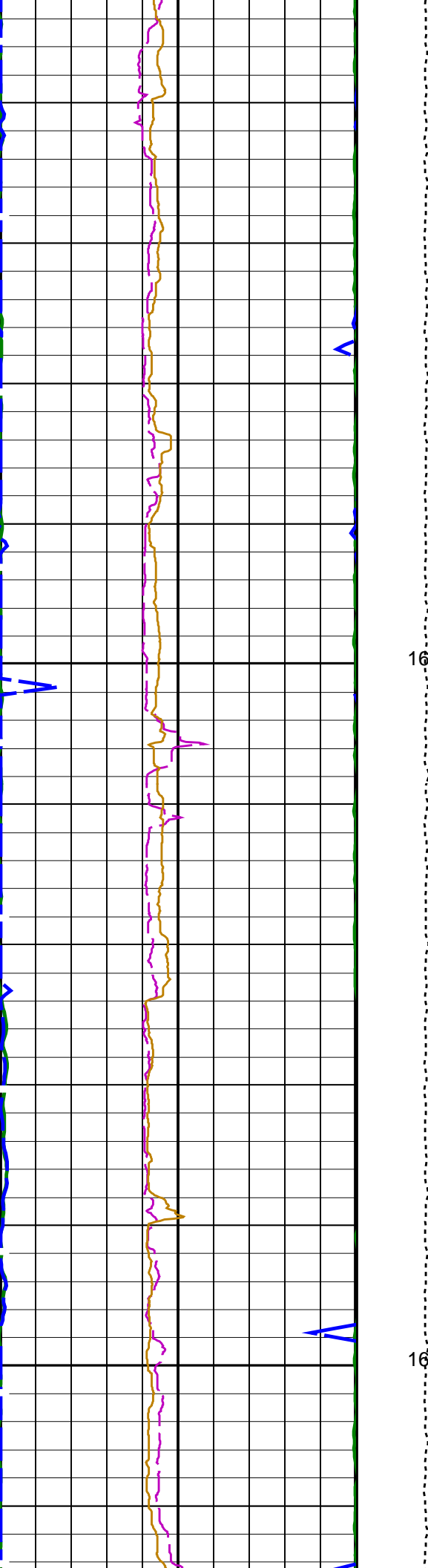


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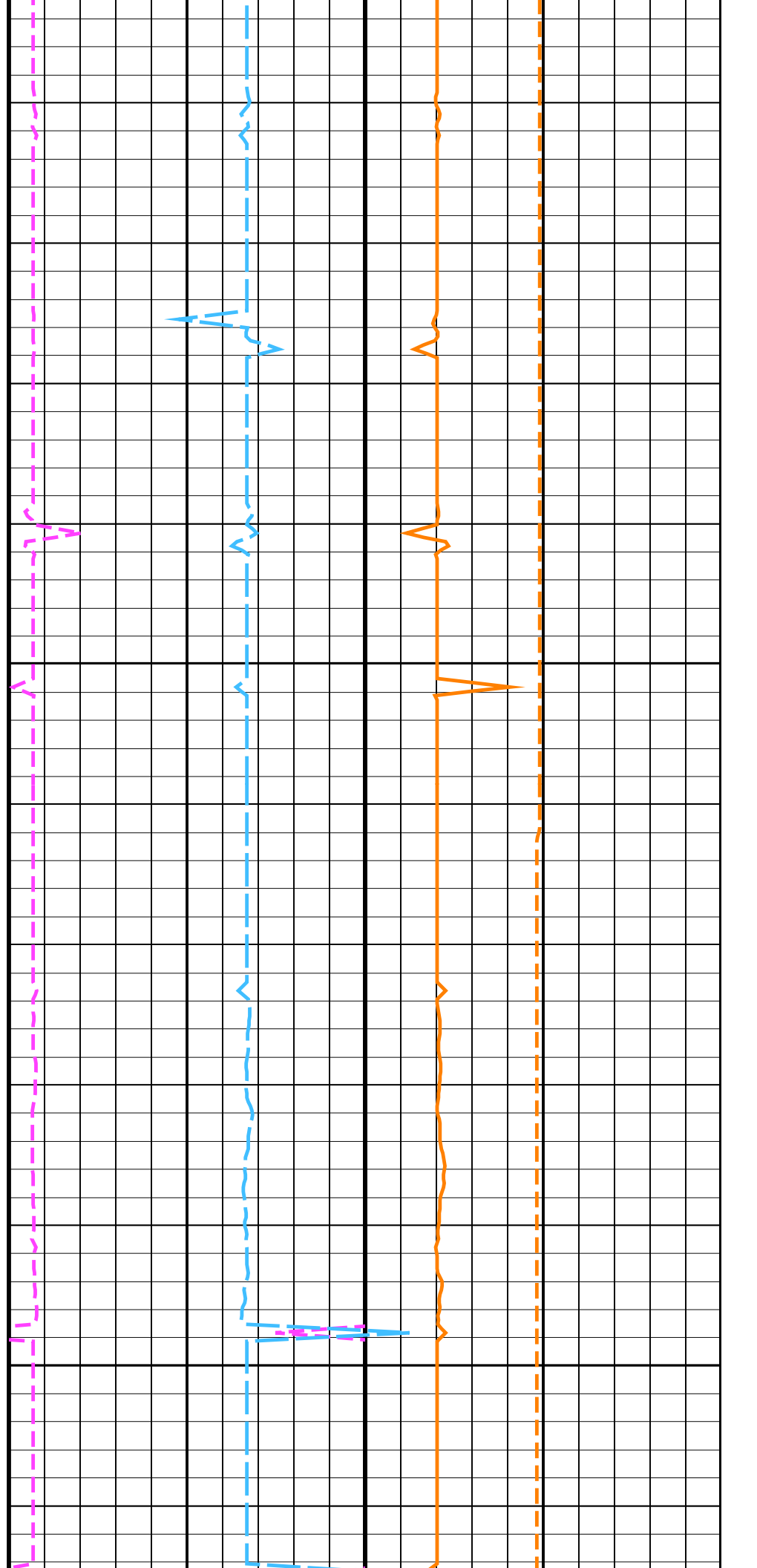
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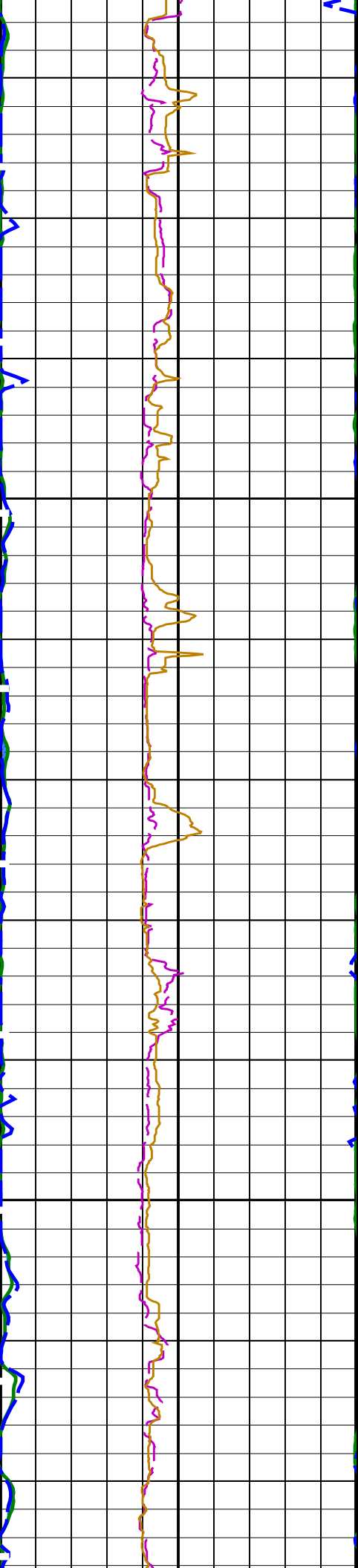




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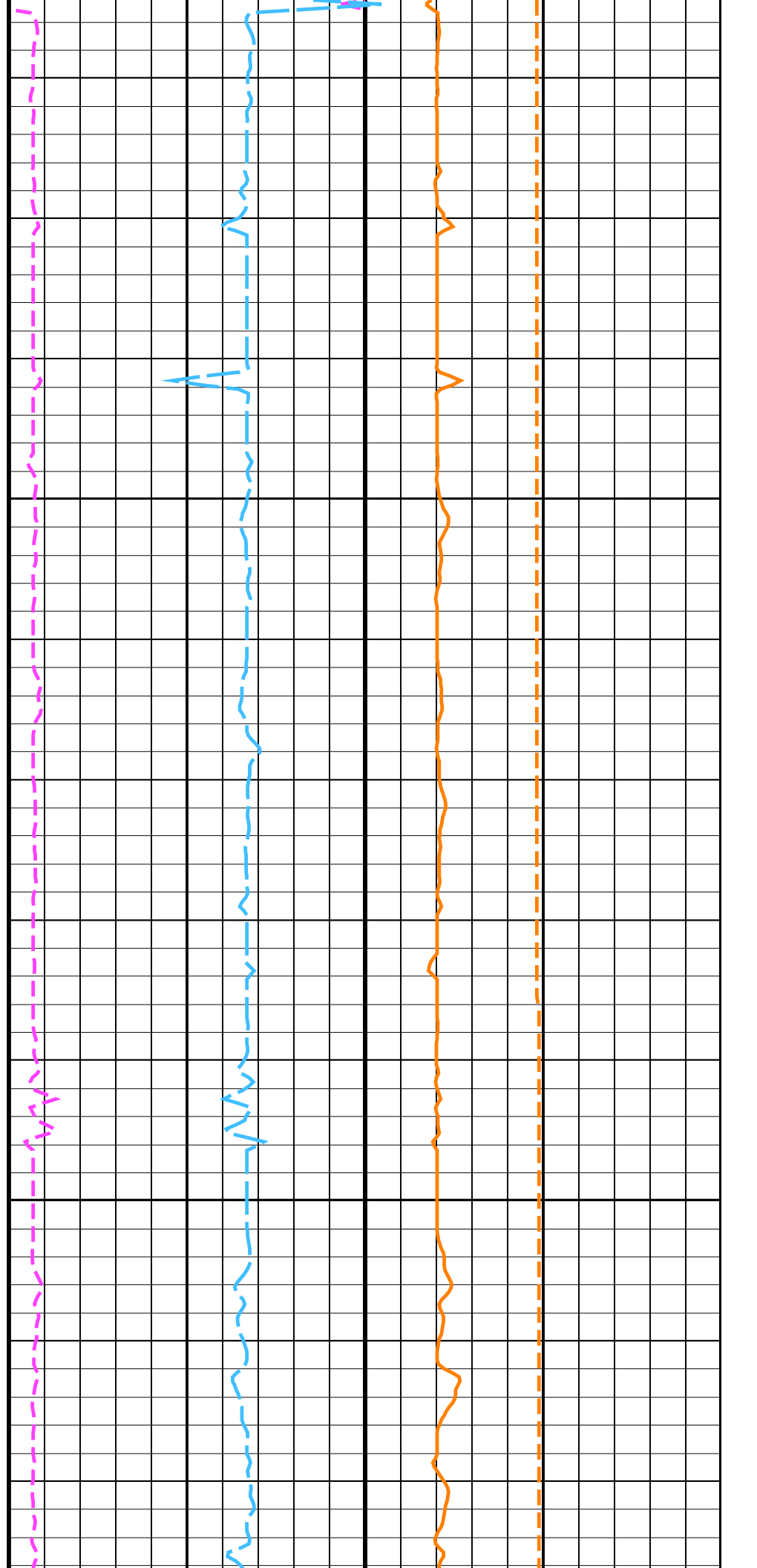
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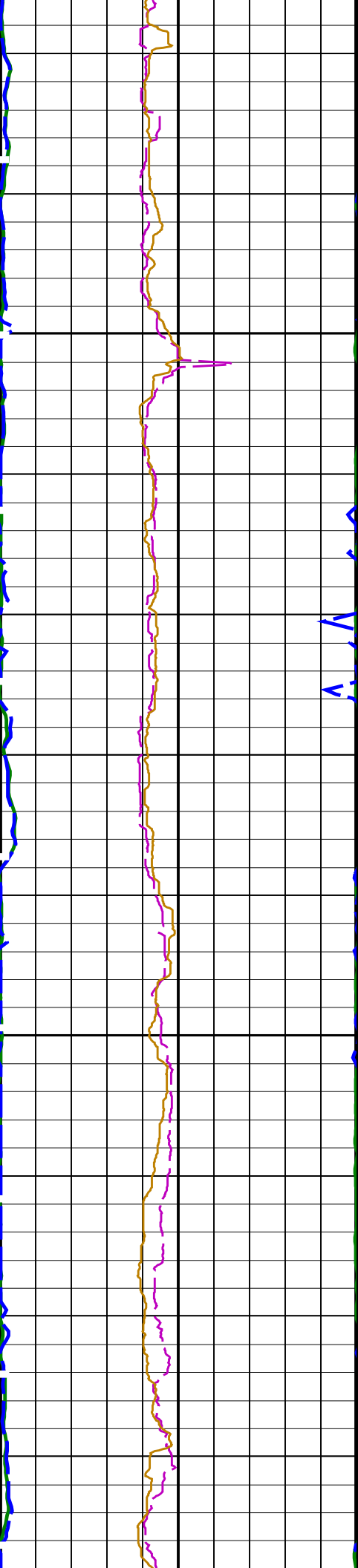




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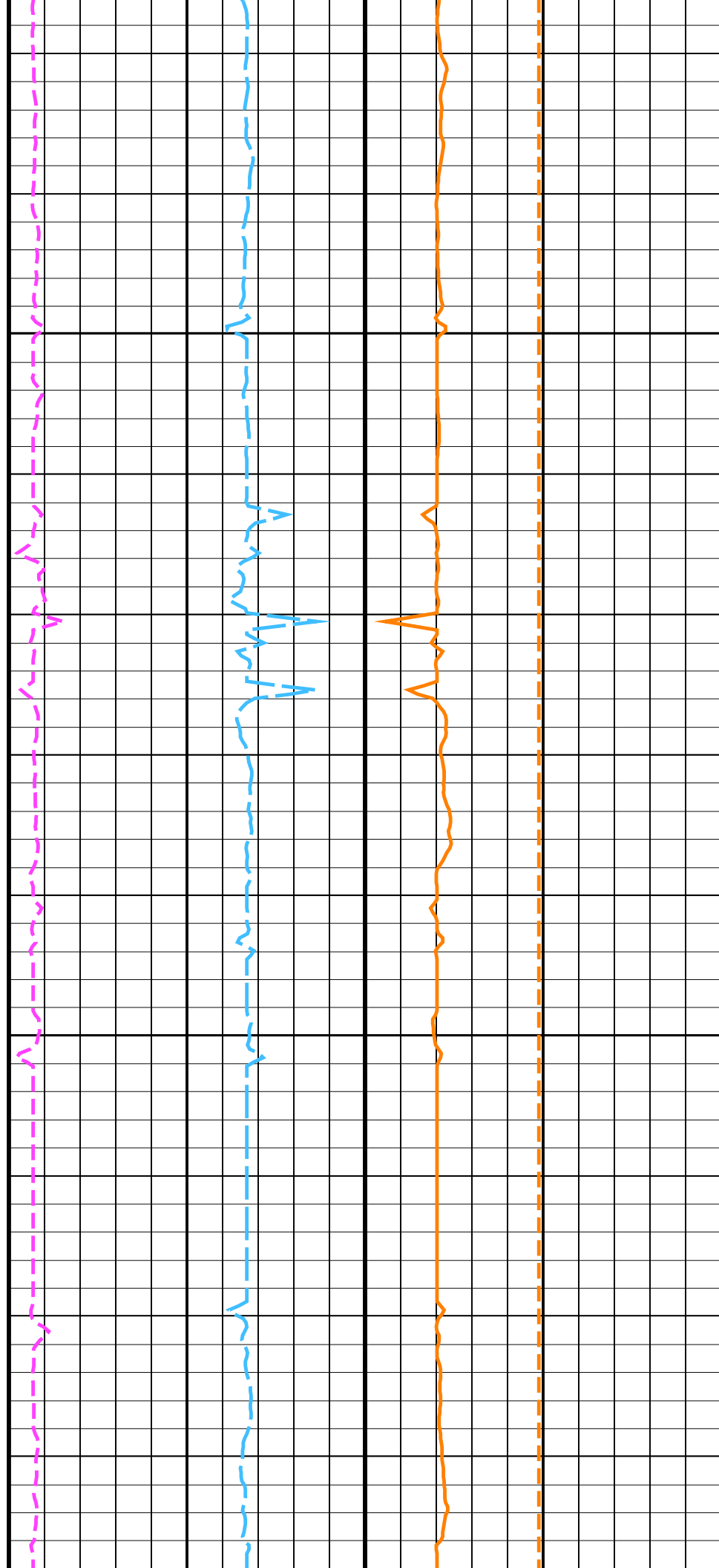
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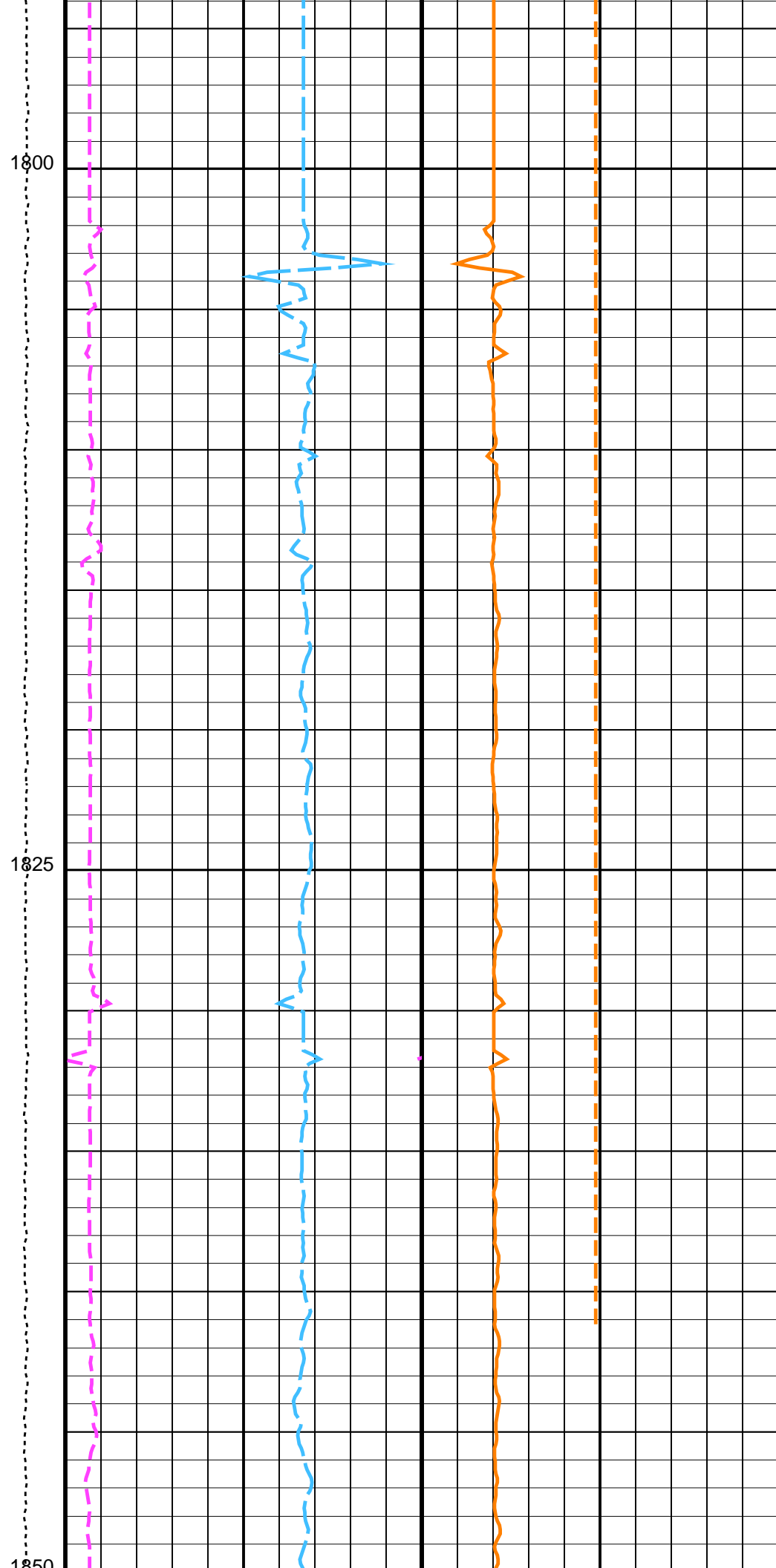
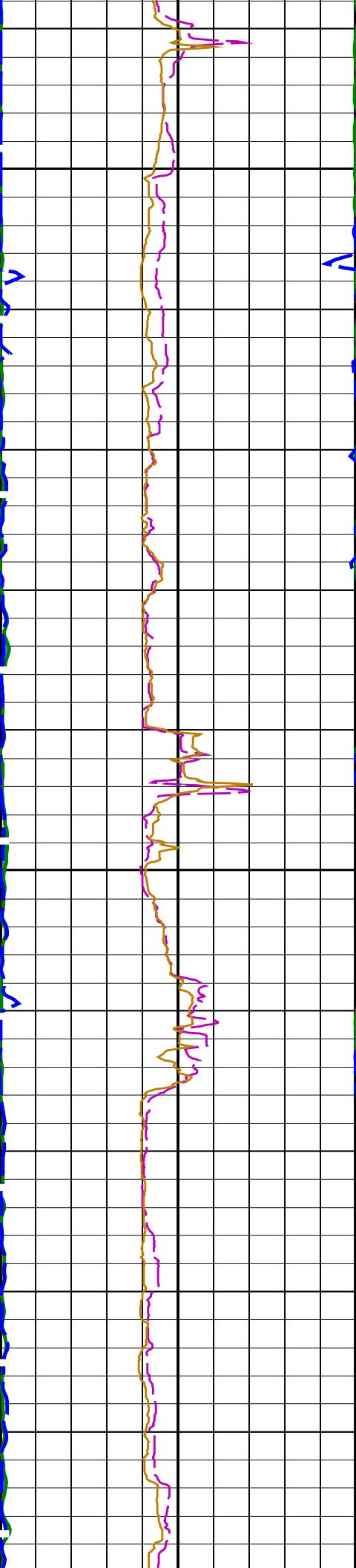


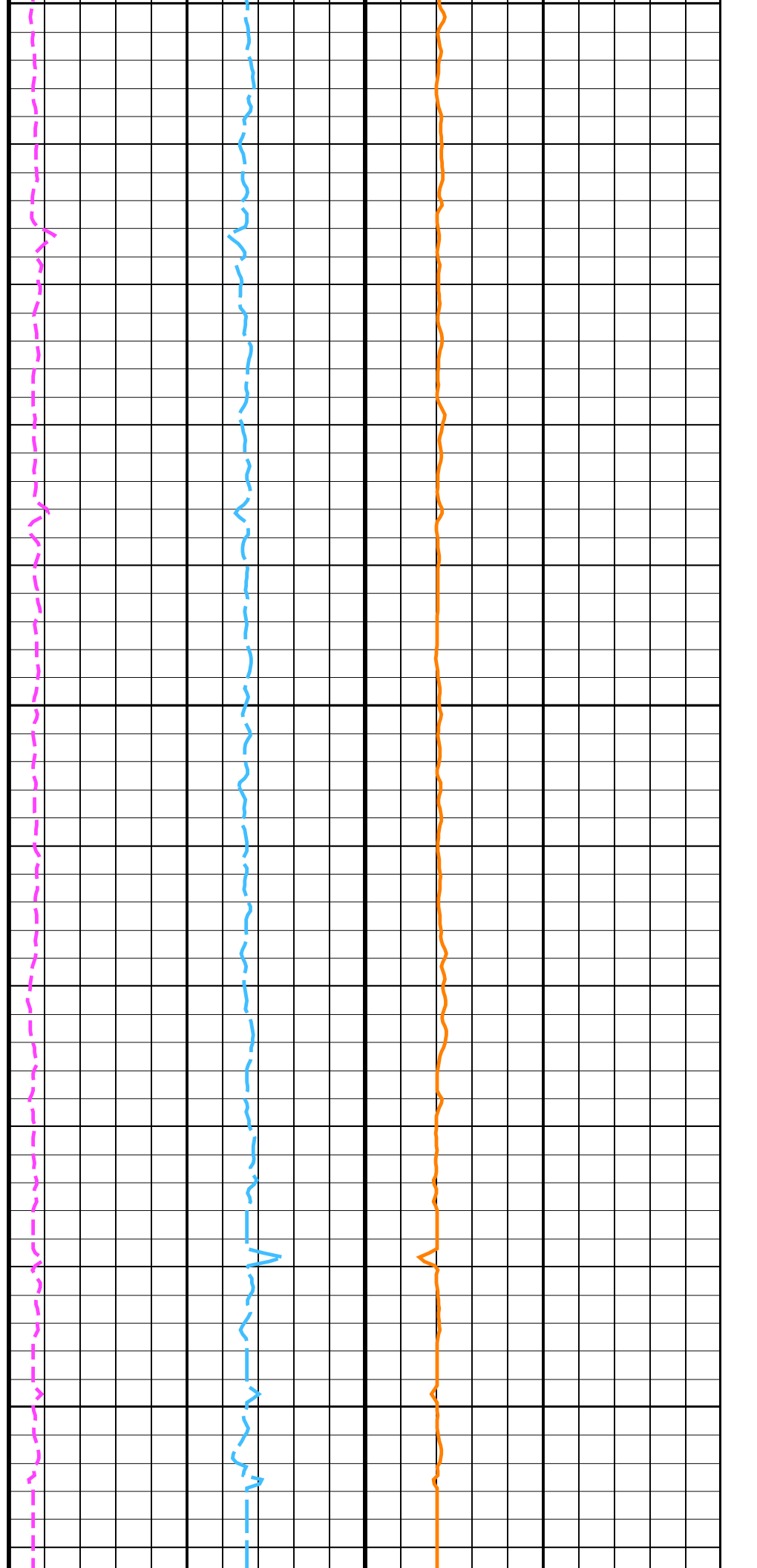
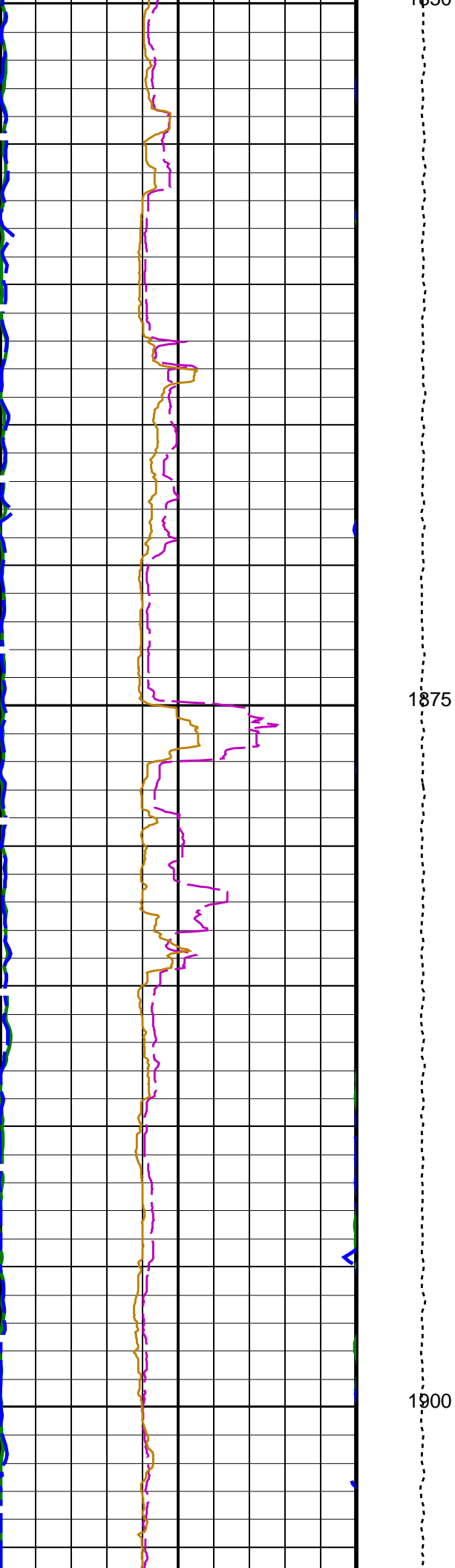


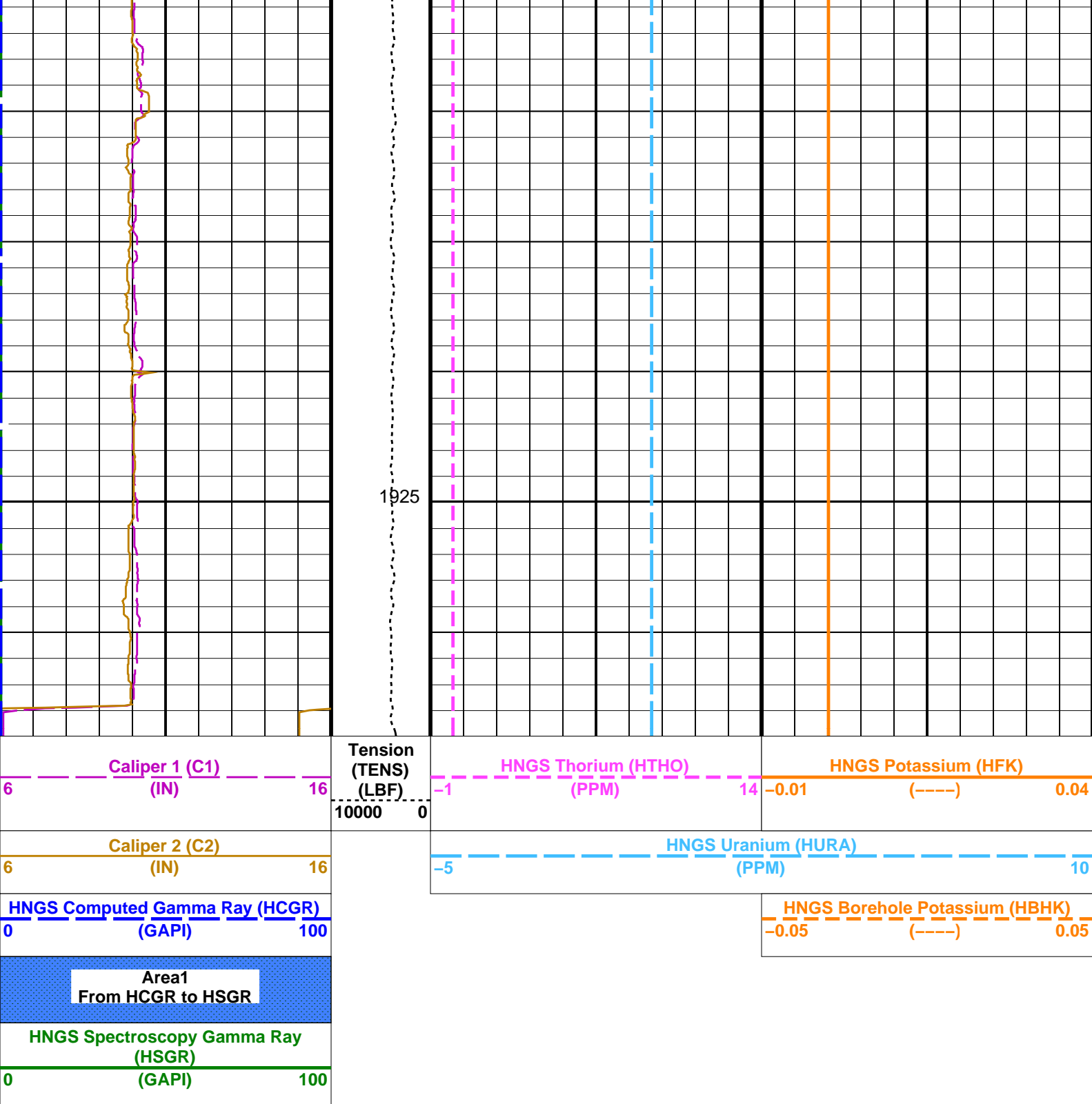
1750

1775









### PIP SUMMARY

Time Mark Every 60 S

## Parameters

DLIS Name	Description	Value	
BHS	DSST-B: Dipole Shear Imager – B		
GCSE	Borehole Status	OPEN	
	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

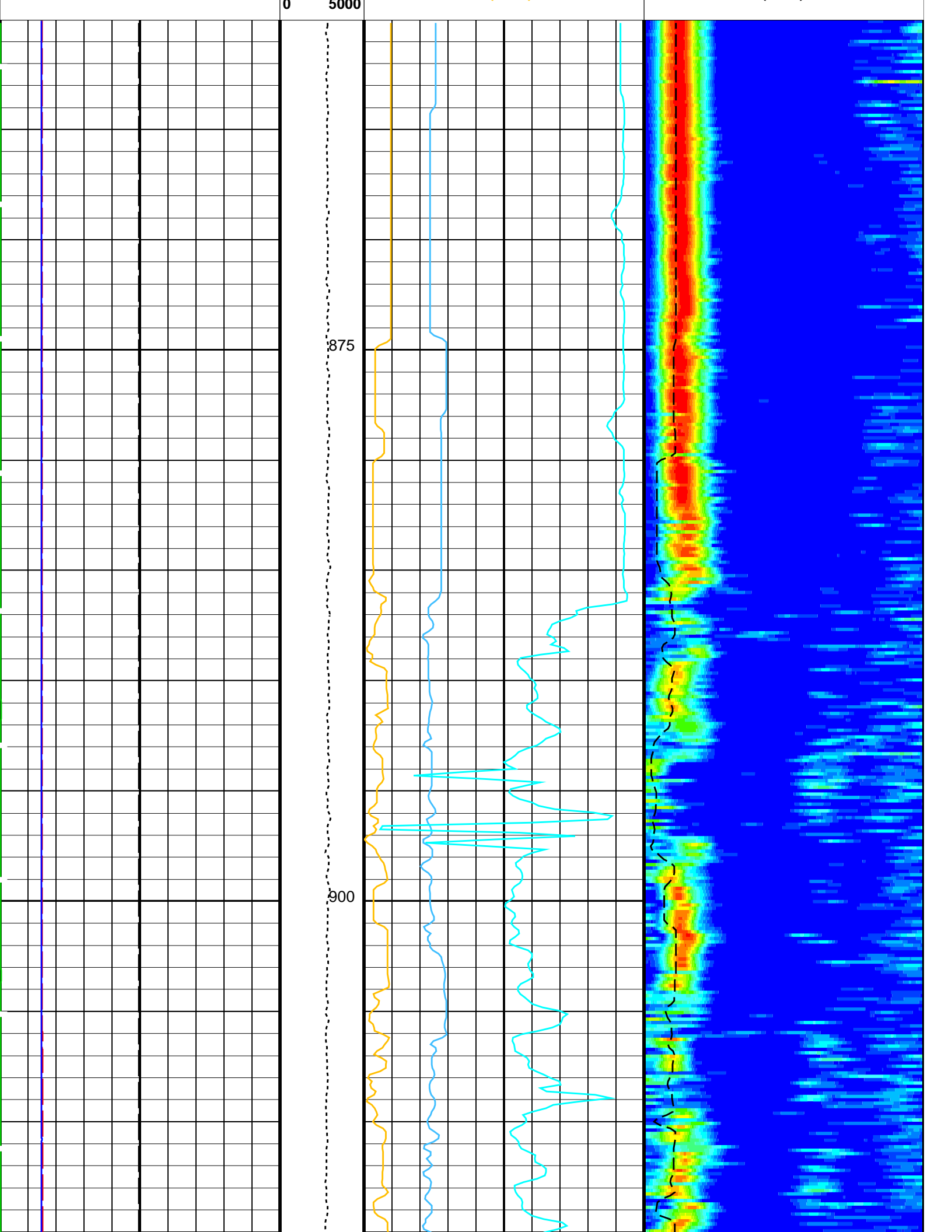
GCW2	Outer Casing Weight	NONE	
DBCC	HNGS Barite Constant Correction Flag	BS	
GCSE	Generalized Caliper Selection	ALLOW	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.00168227	
HALF	HNGS Alpha 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	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	3.54669	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	2.01228	
	EDTC-B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	BS	
	System and Miscellaneous		
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

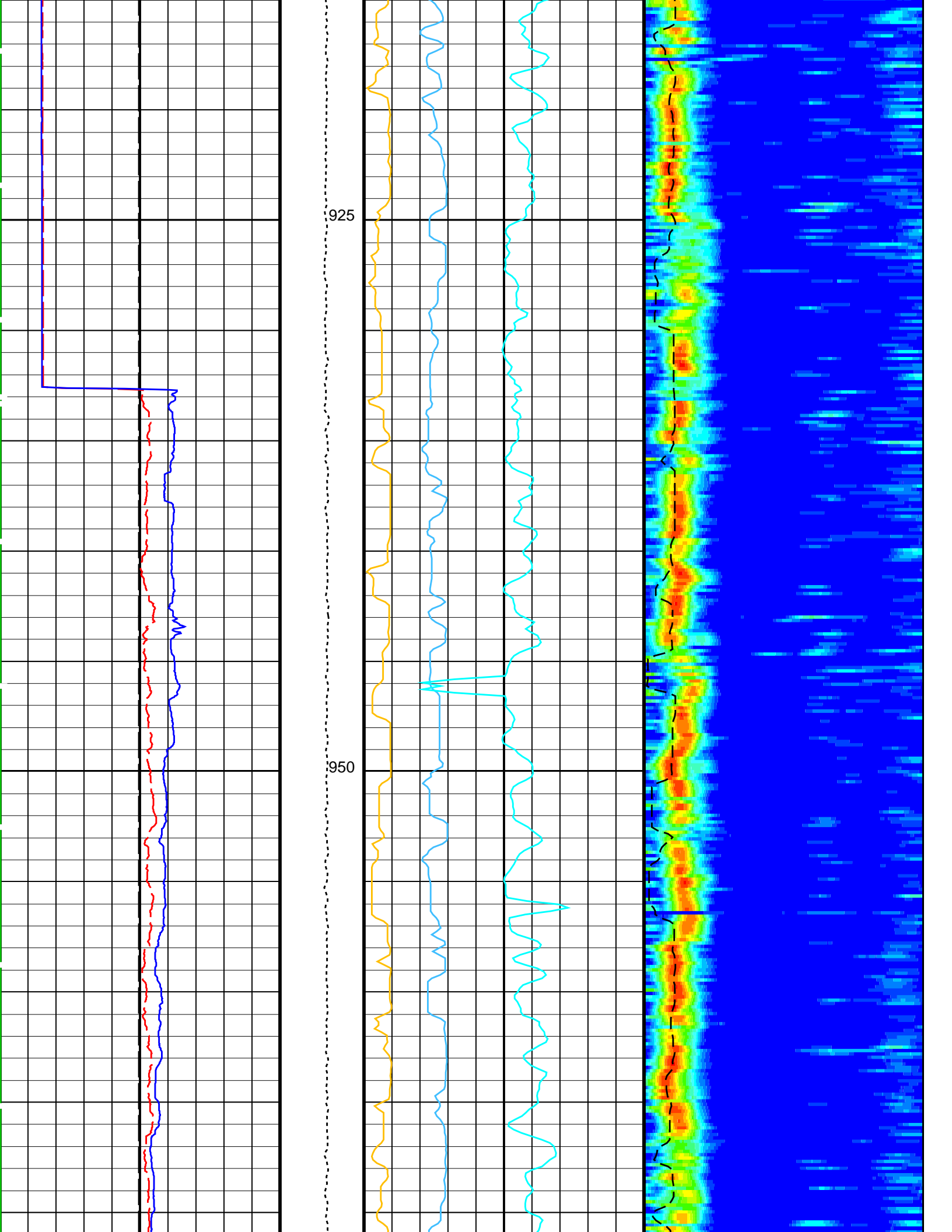
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OP System Version: 19C0-187						
MEST-B	19C0-187		DTA-A	19C0-187		
DSST-B	19C0-187		HNGC-B	19C0-187		
HNGS-BA	19C0-187		EDTC-B	19C0-187		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_097LUP	FN:93	PRODUCER	27-May-2023 20:16	1934.0 M	859.9 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_123PUP	FN:117	PRODUCER	30-May-2023 17:03		

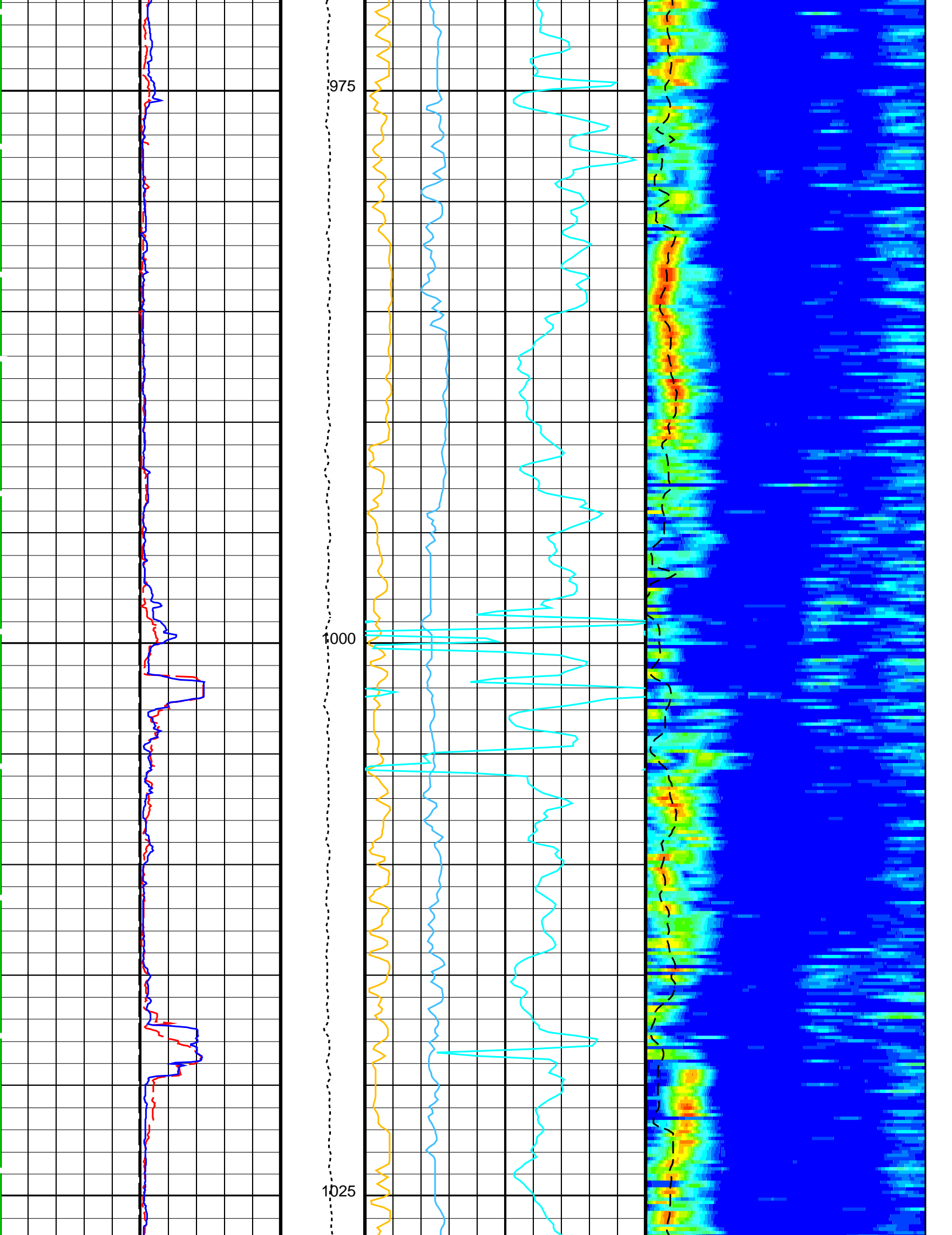
Input DLIS Files					
DEFAULT	FMS_DSI_NGS_097LUP	FN:93	PRODUCER	27-May-2023 20:16	1934.0 M 859.9 M
Output DLIS Files					
DEFAULT	FMS_DSI_NGS_123PUP	FN:117	PRODUCER	30-May-2023 17:03	1934.0 M 860.0 M
OP System Version: 19C0-187					
MEST-B	19C0-187	DTA-A	19C0-187		
DSST-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

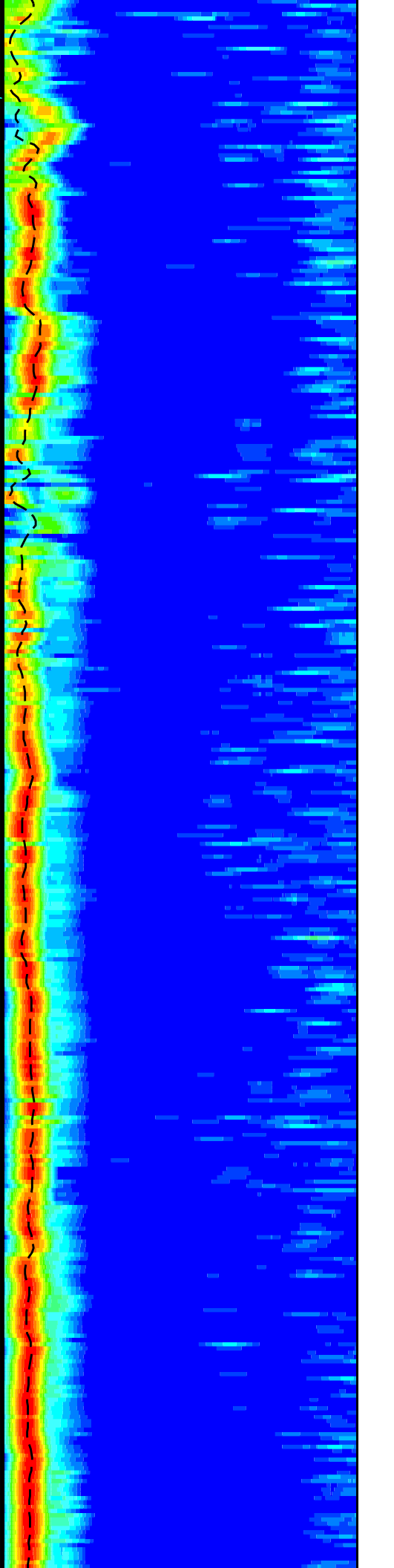
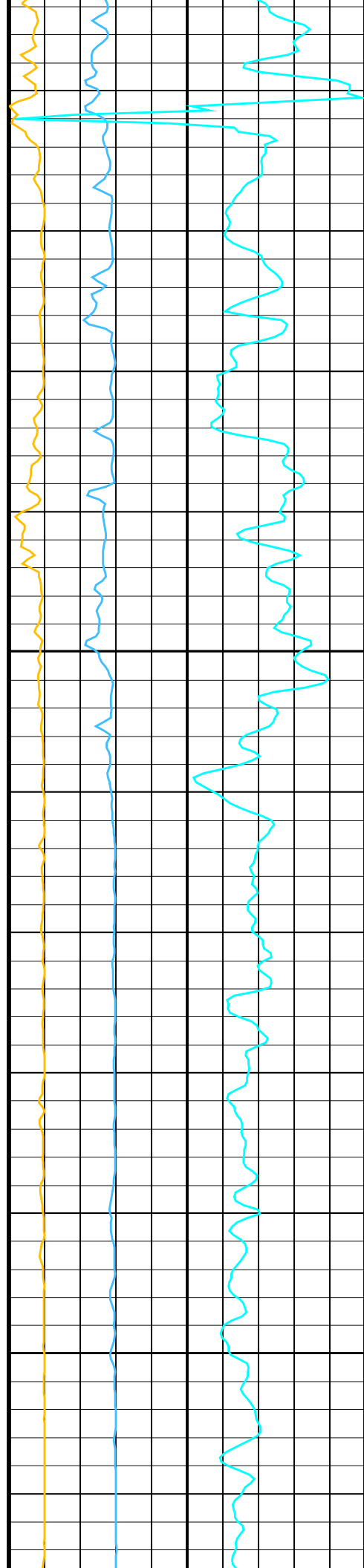
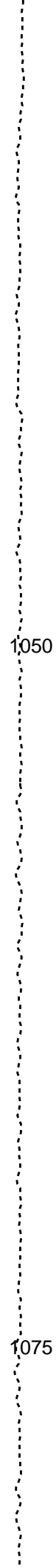
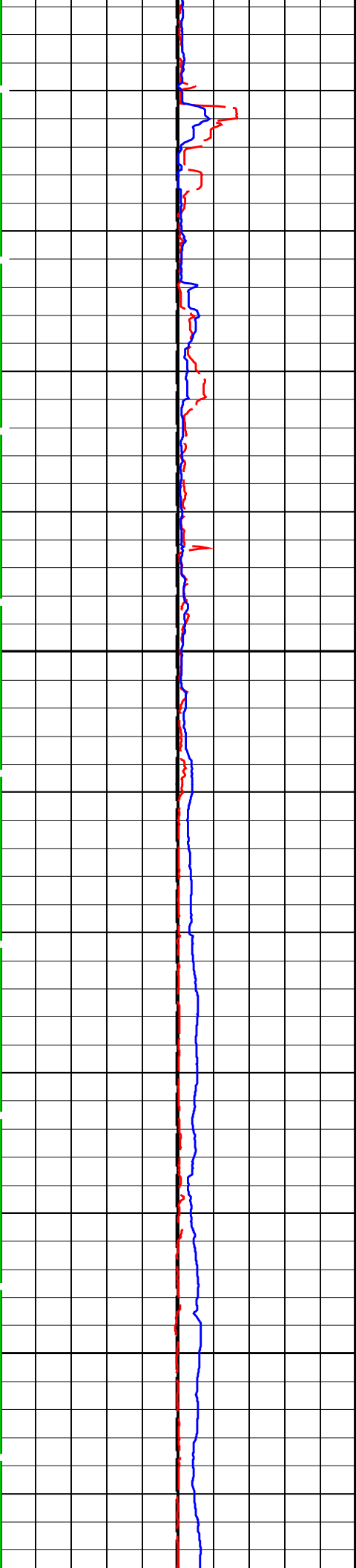
PIP SUMMARY									
Time Mark Every 60 S									
Gamma Ray (GR_EDTC)									
0	(GAPI)		150						
Caliper 2 (C2)									
0	(IN)		20						
Caliper 1 (C1)									
0	(IN)		20						
Bit Size (BS)									
0	(IN)		20						
Tension (TENS) (LBF)									
Peak Coherence / RA – Upper Dipole (CHR2)									
0	(----		10						
Delta-T Shear / RA – Upper Dipole (DT2R)									
75	(US/F)		1200						

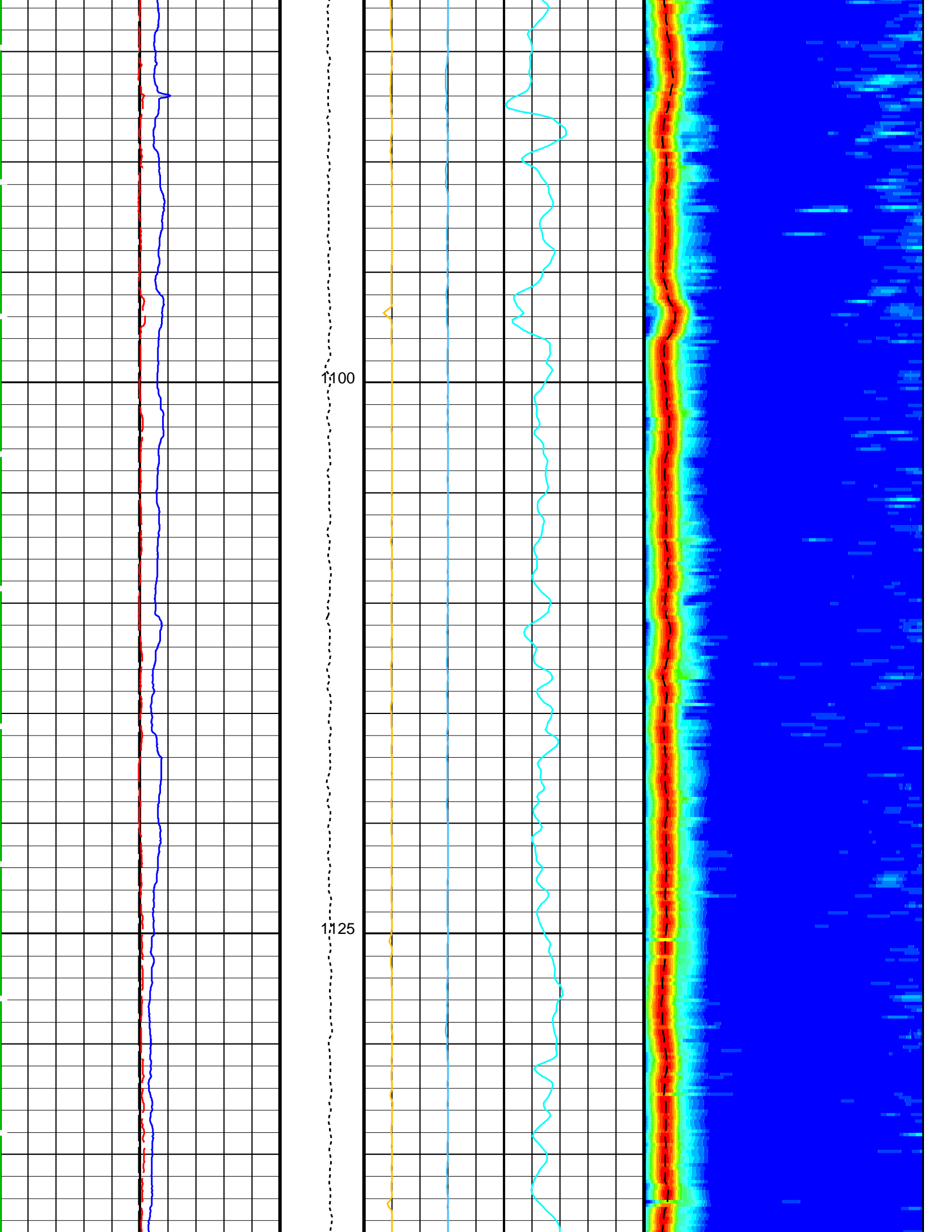


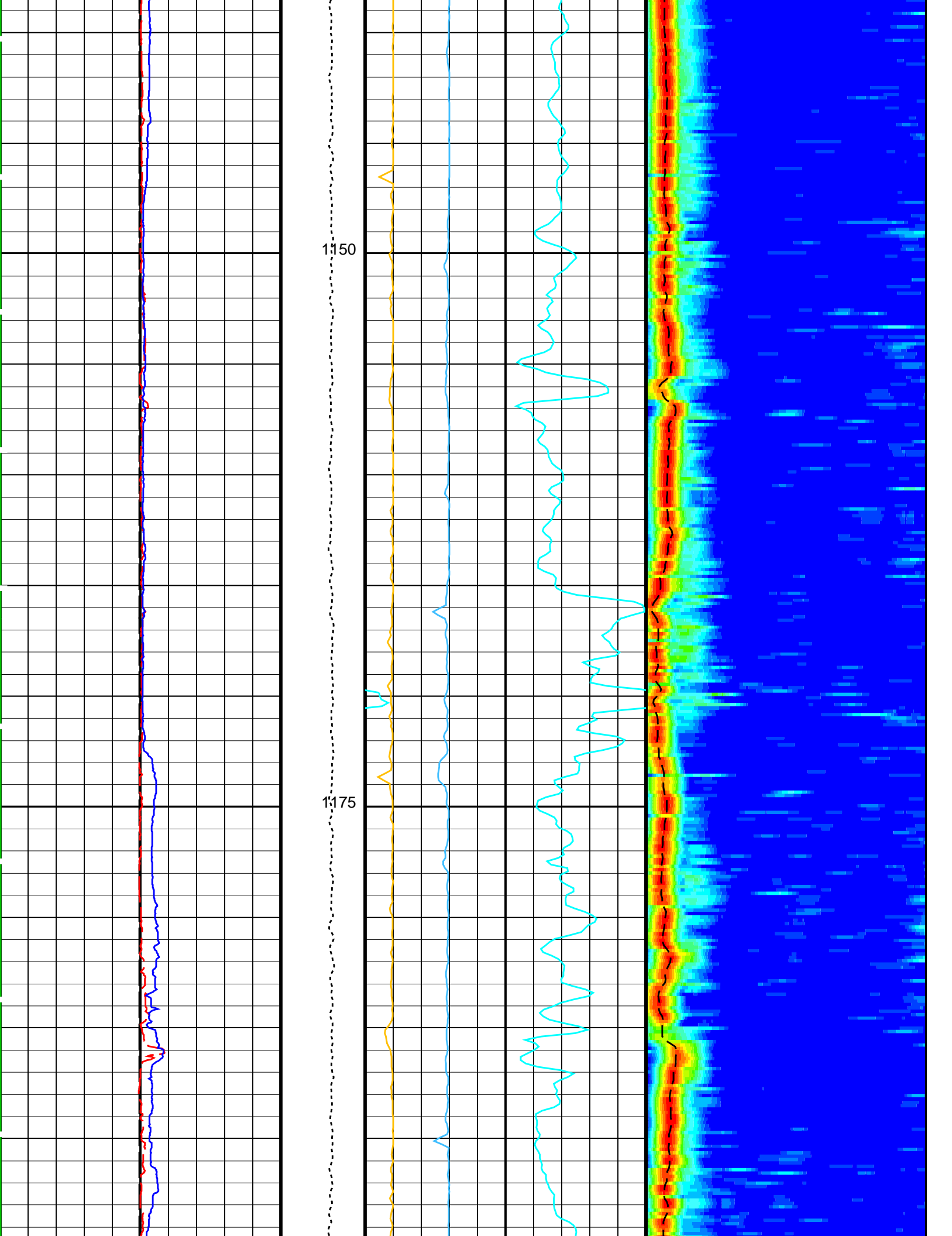


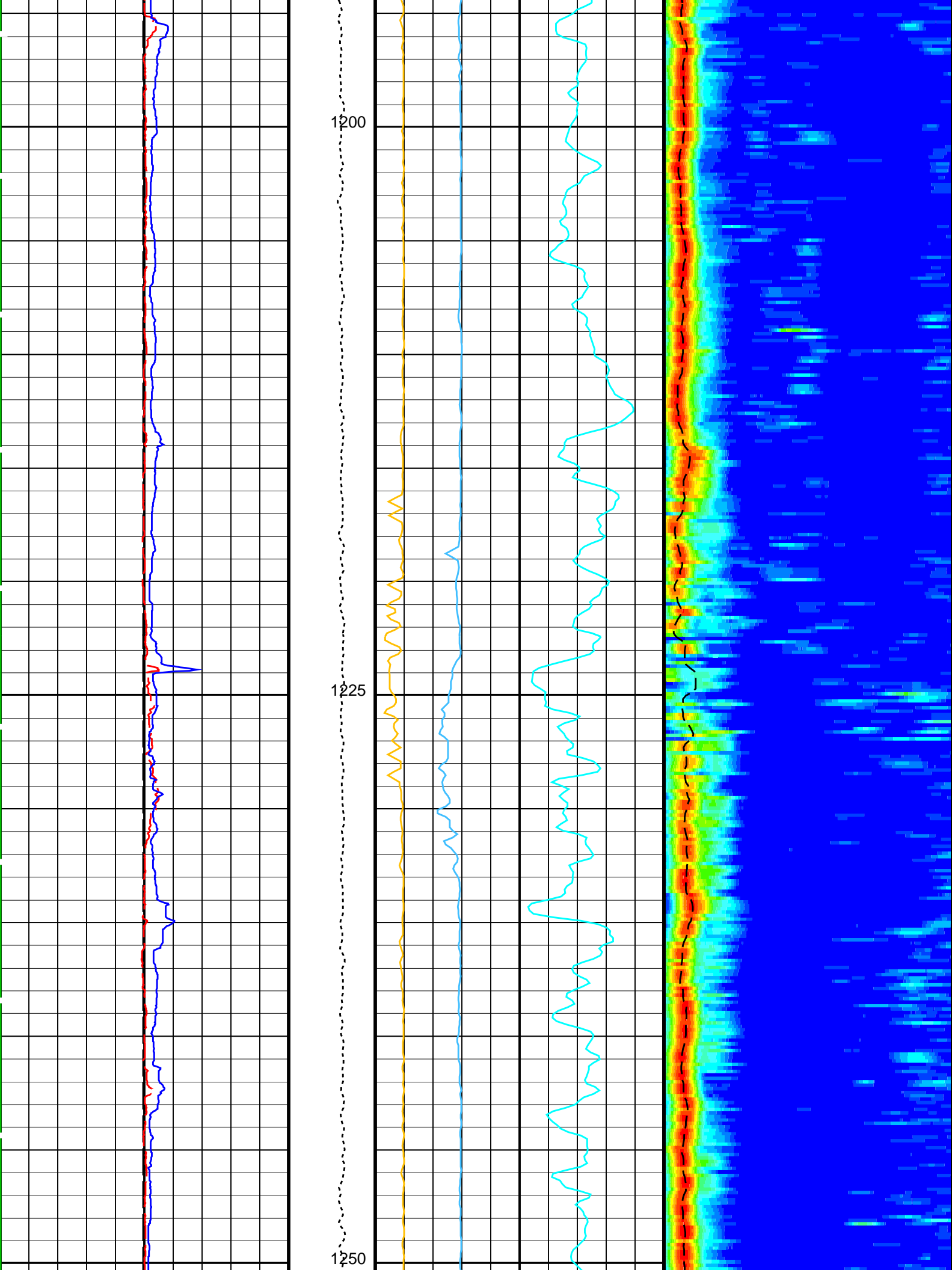


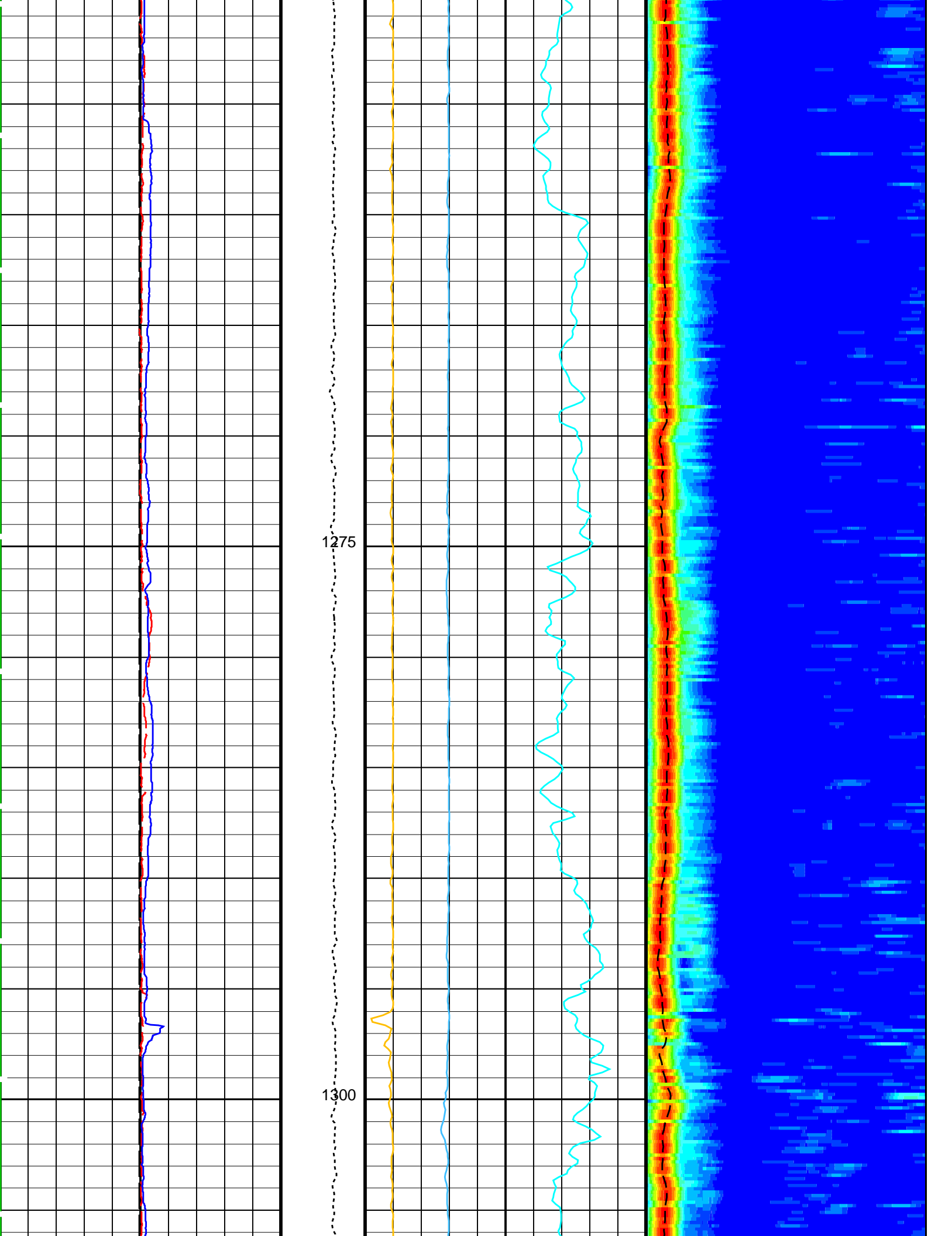




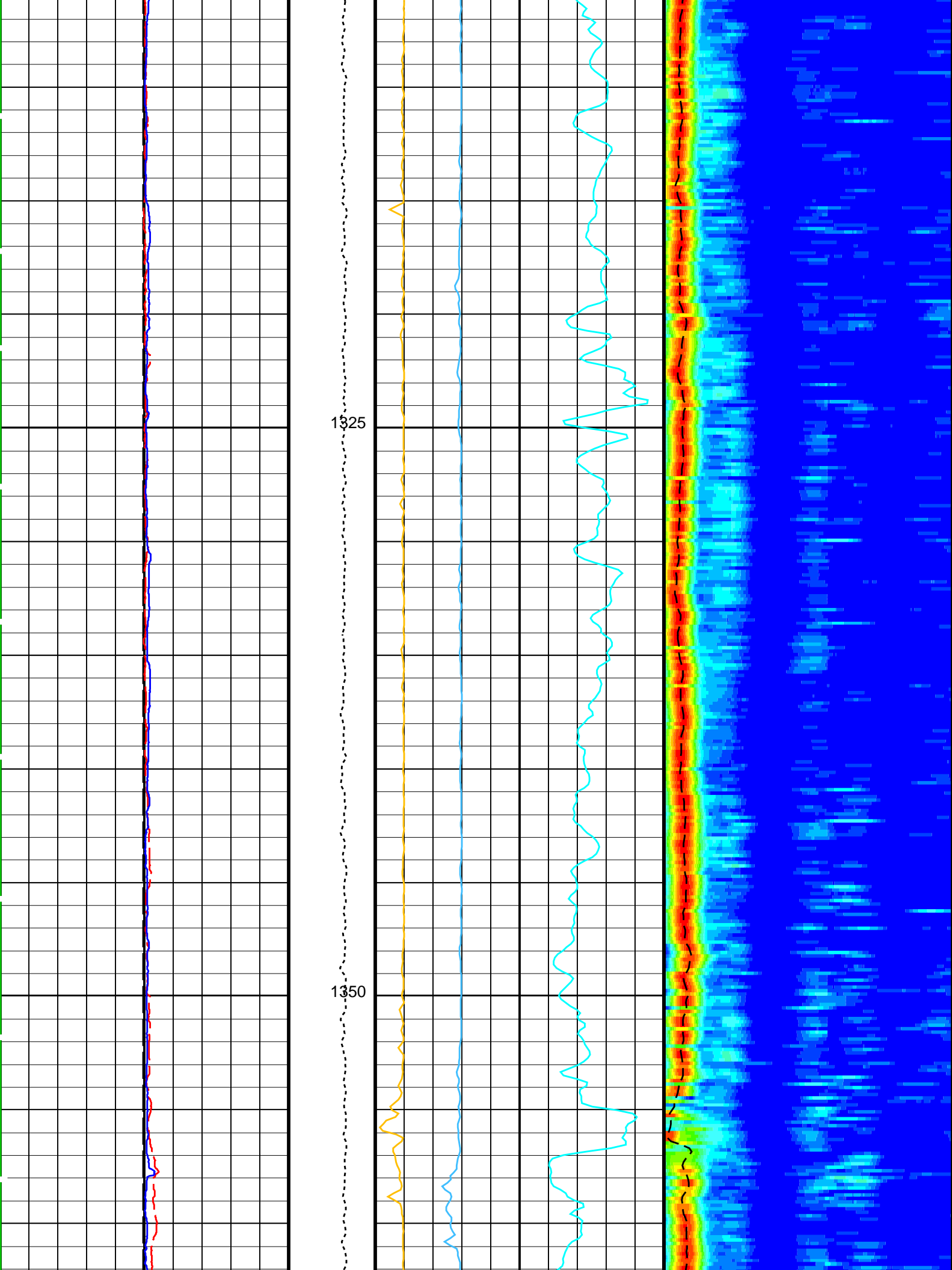


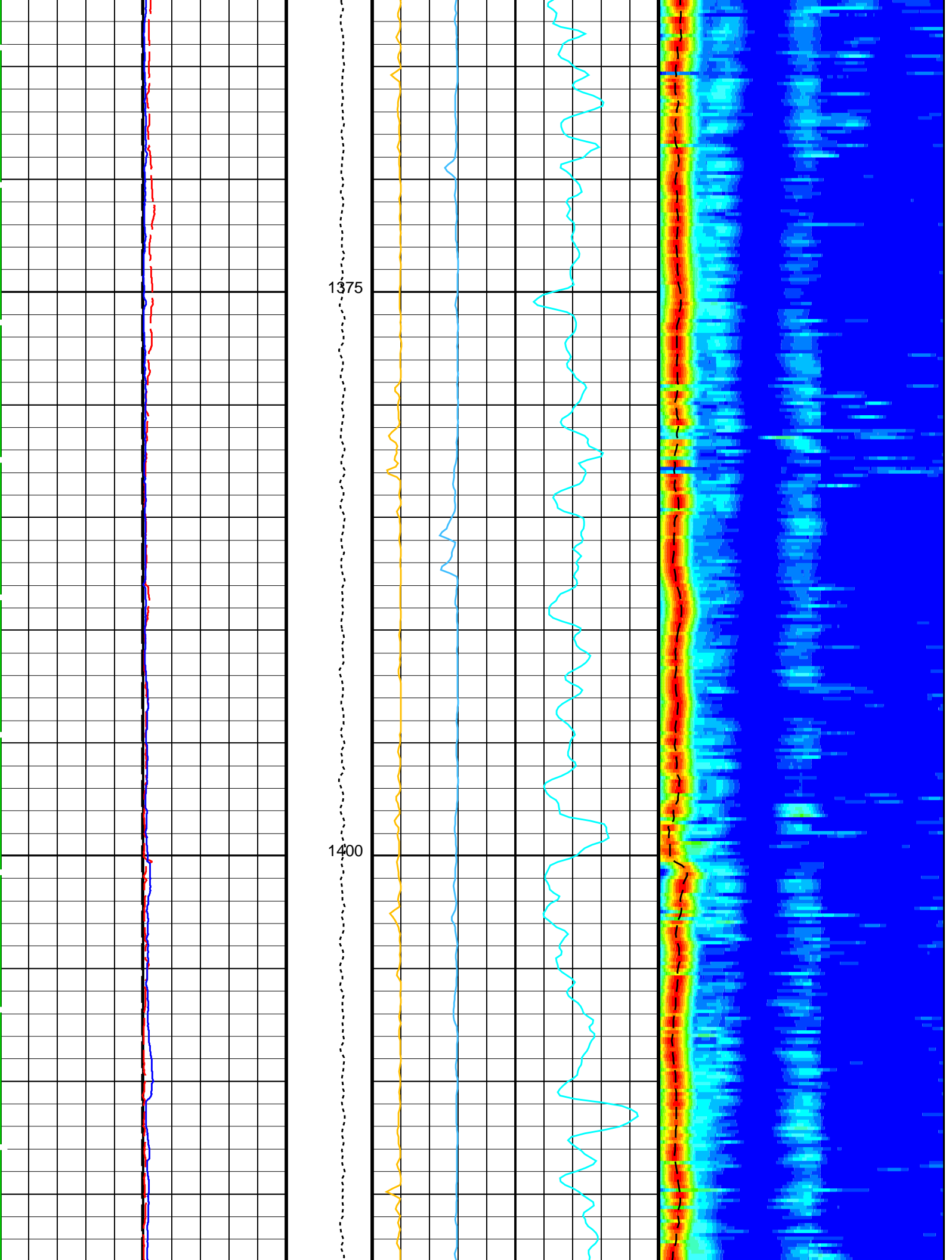


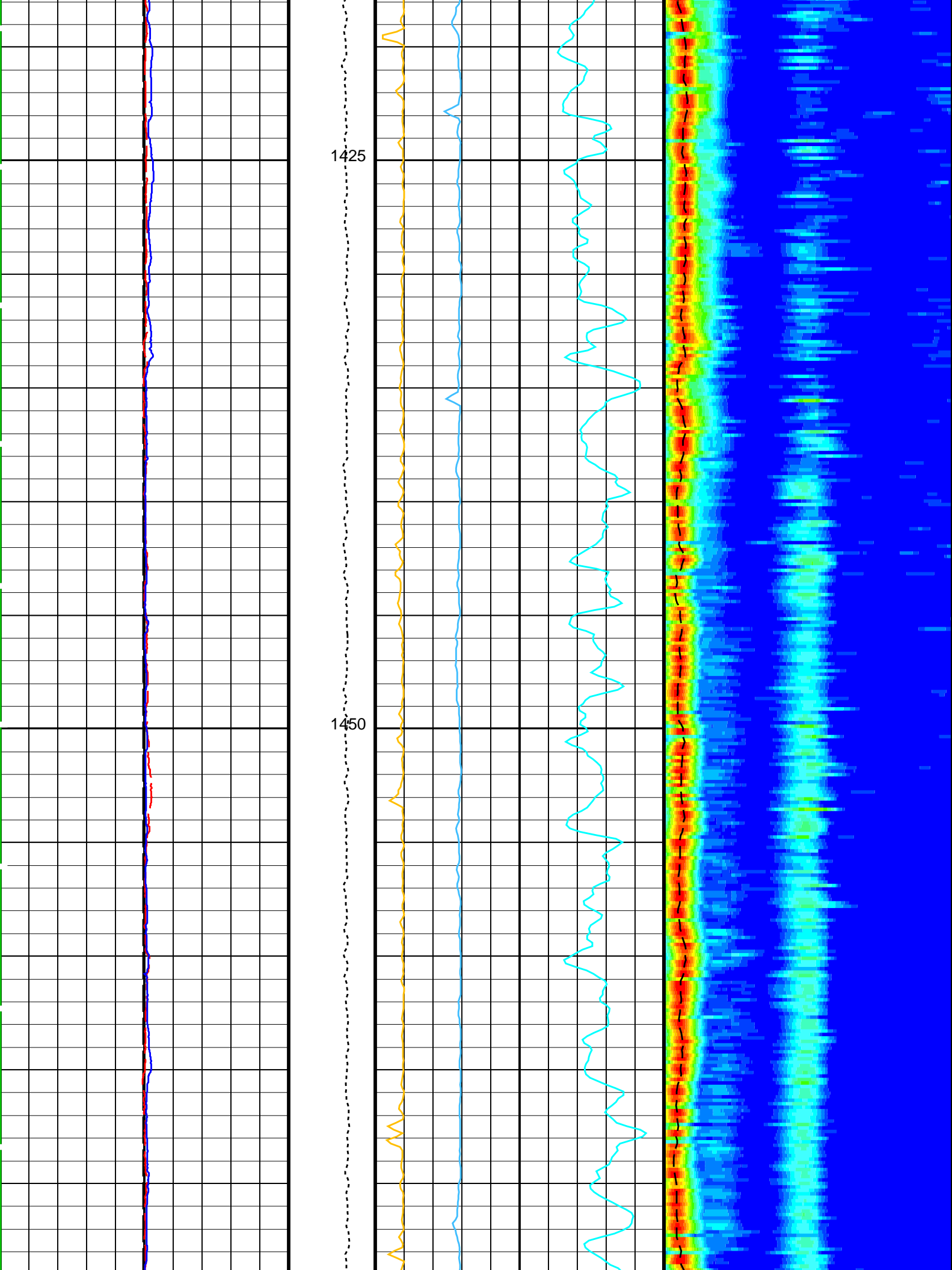


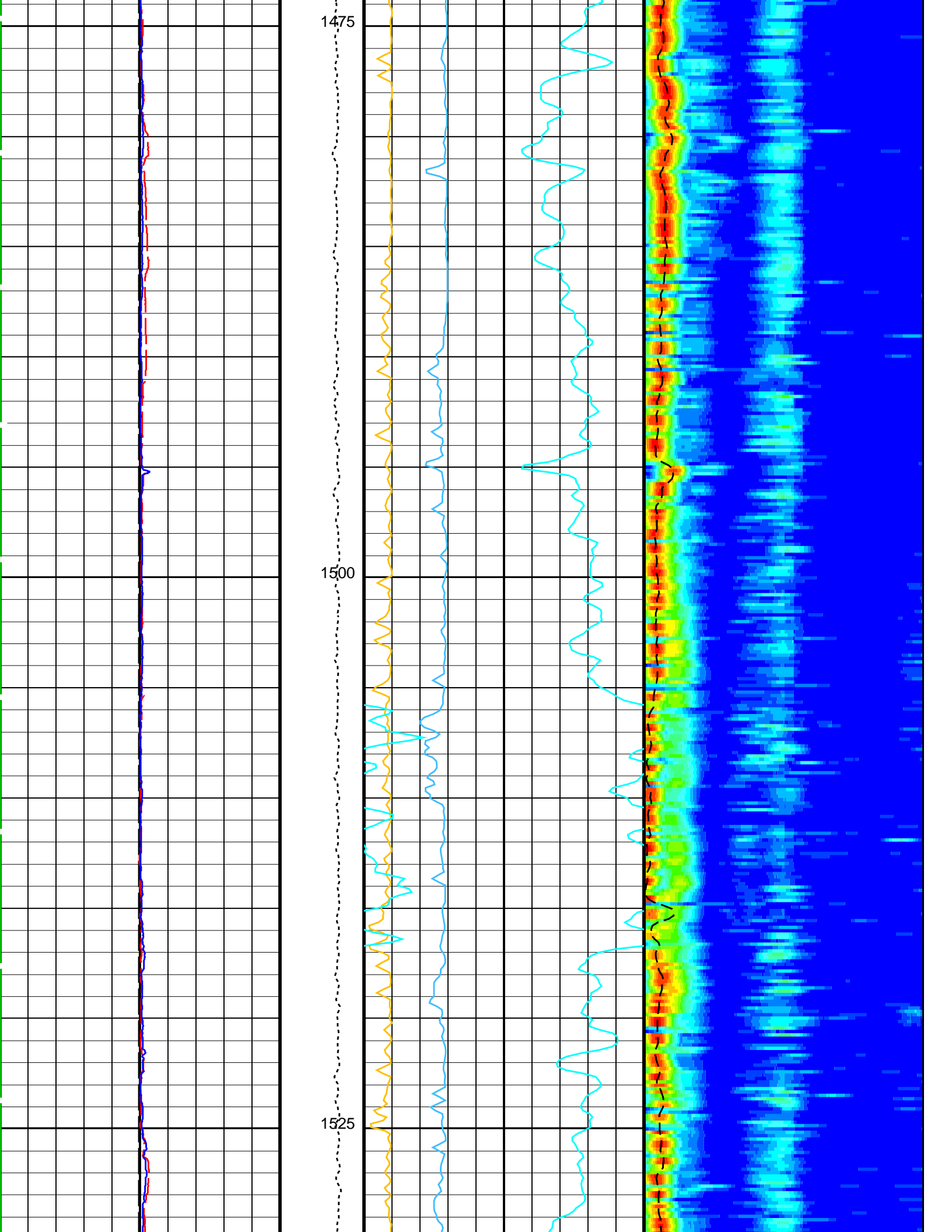


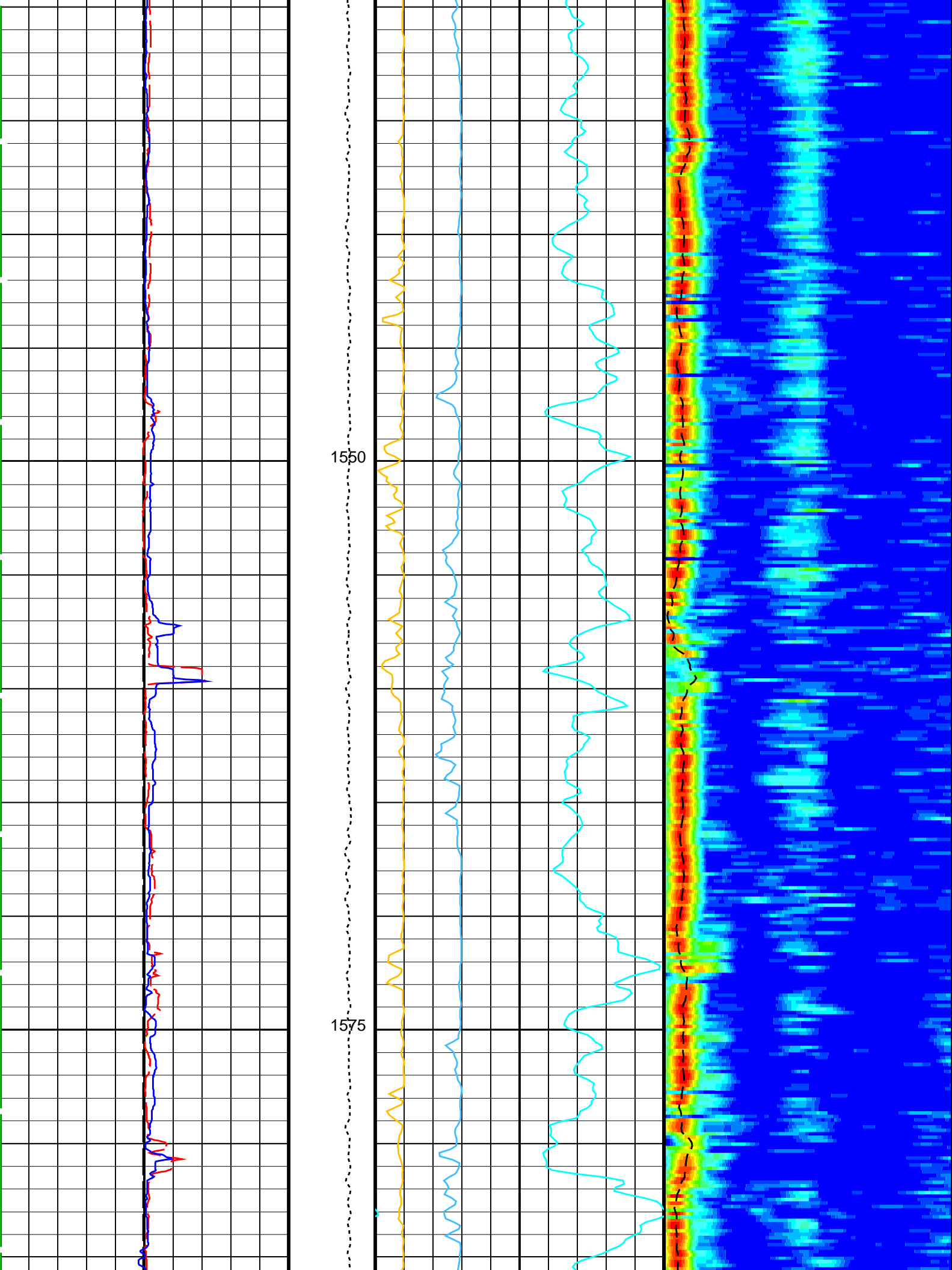


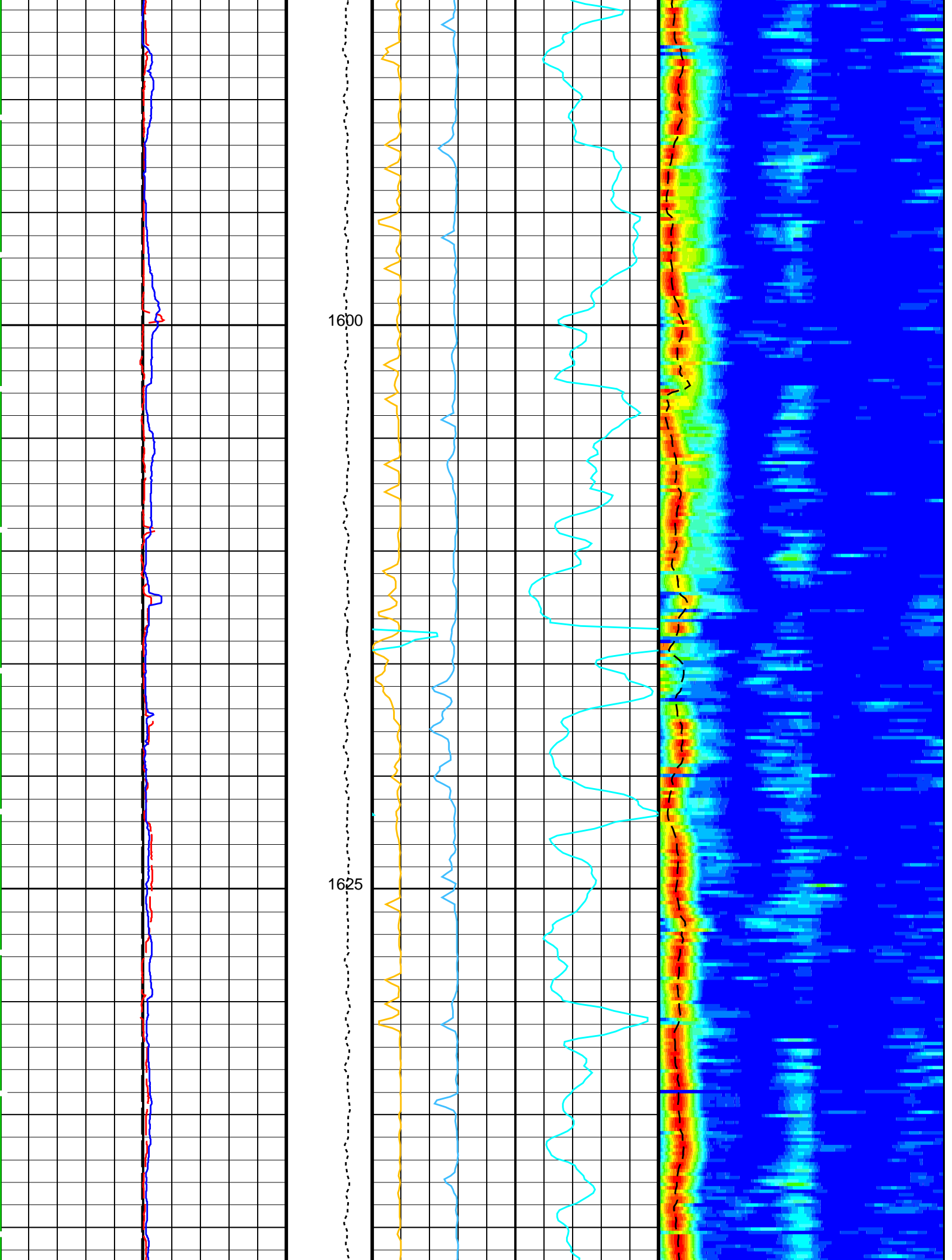


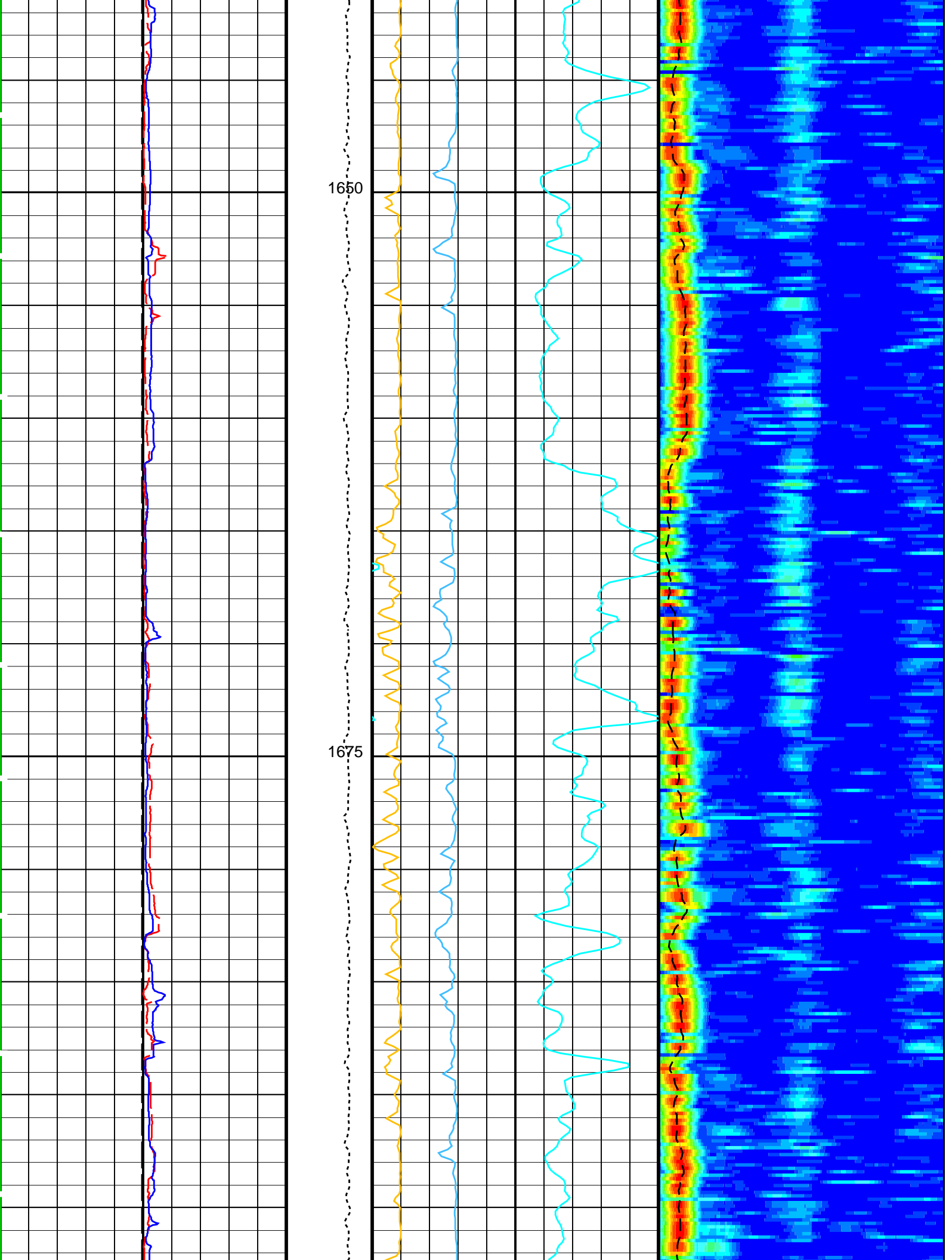


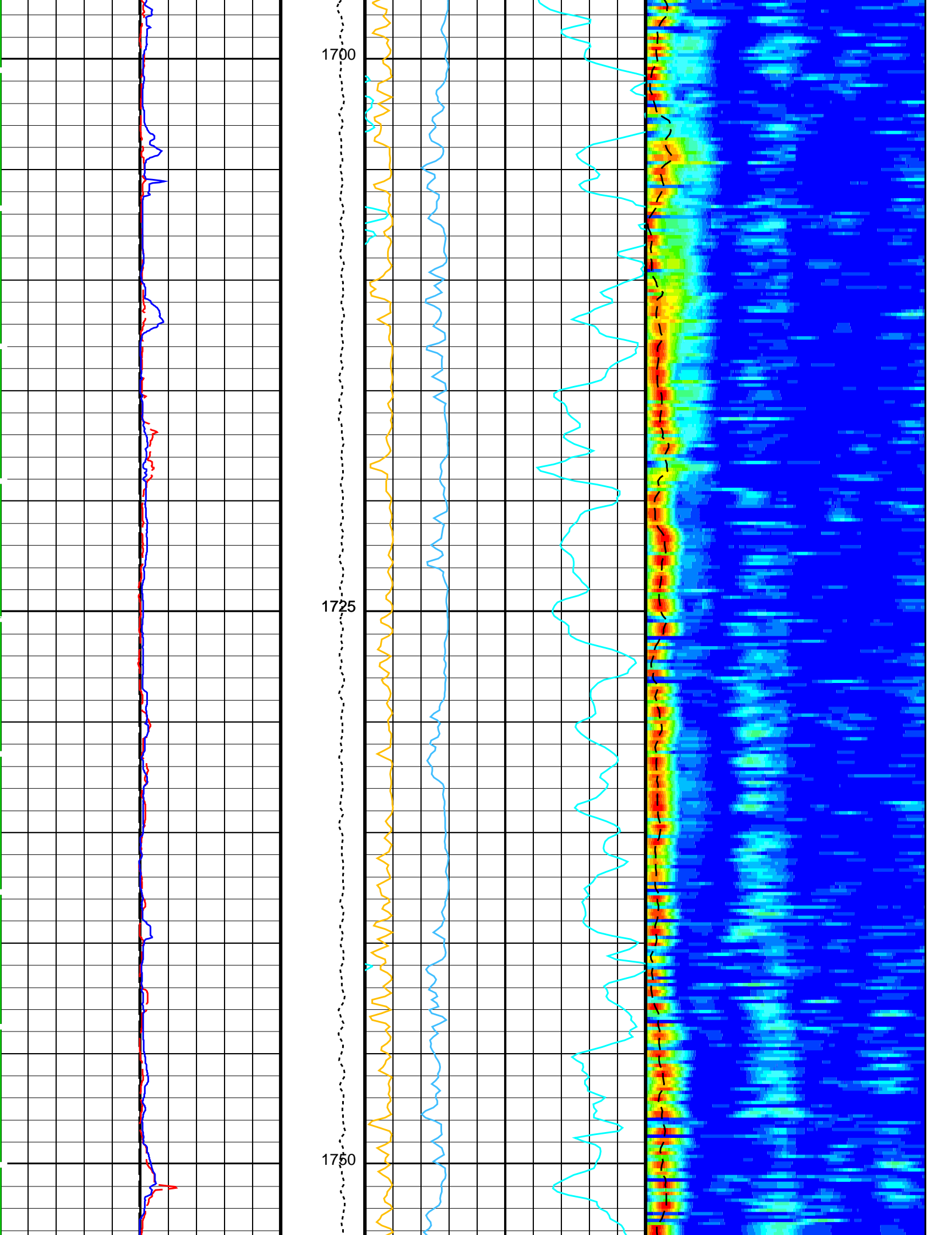




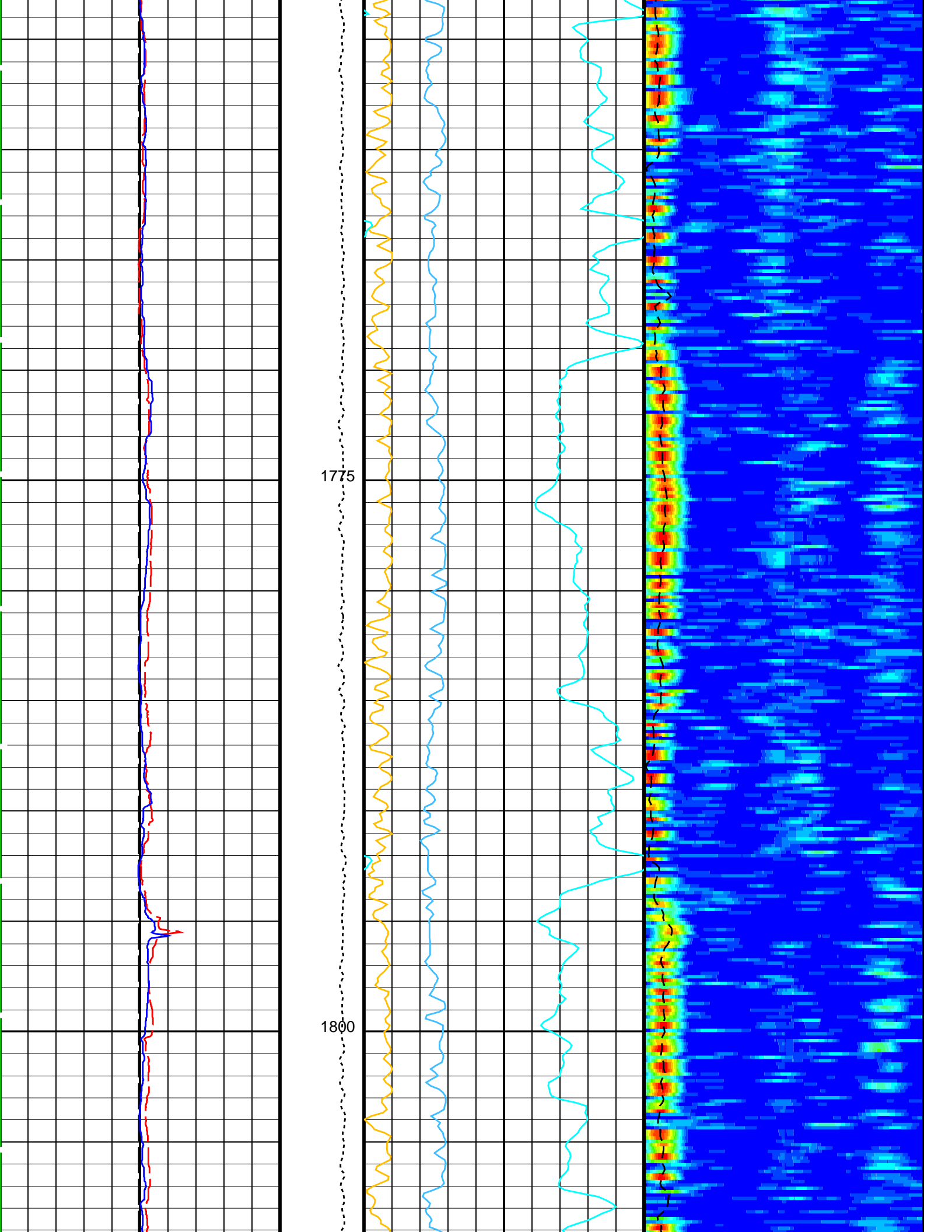


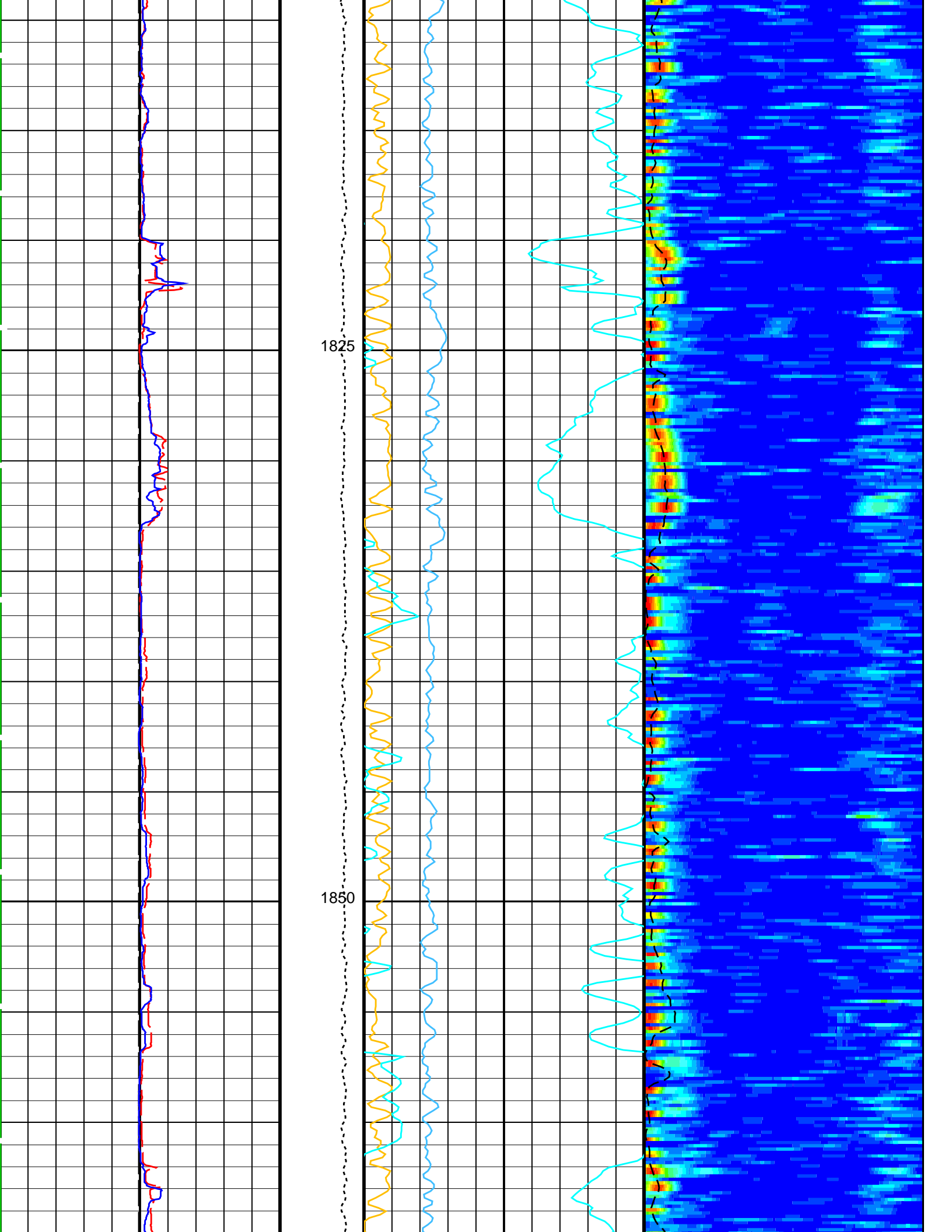


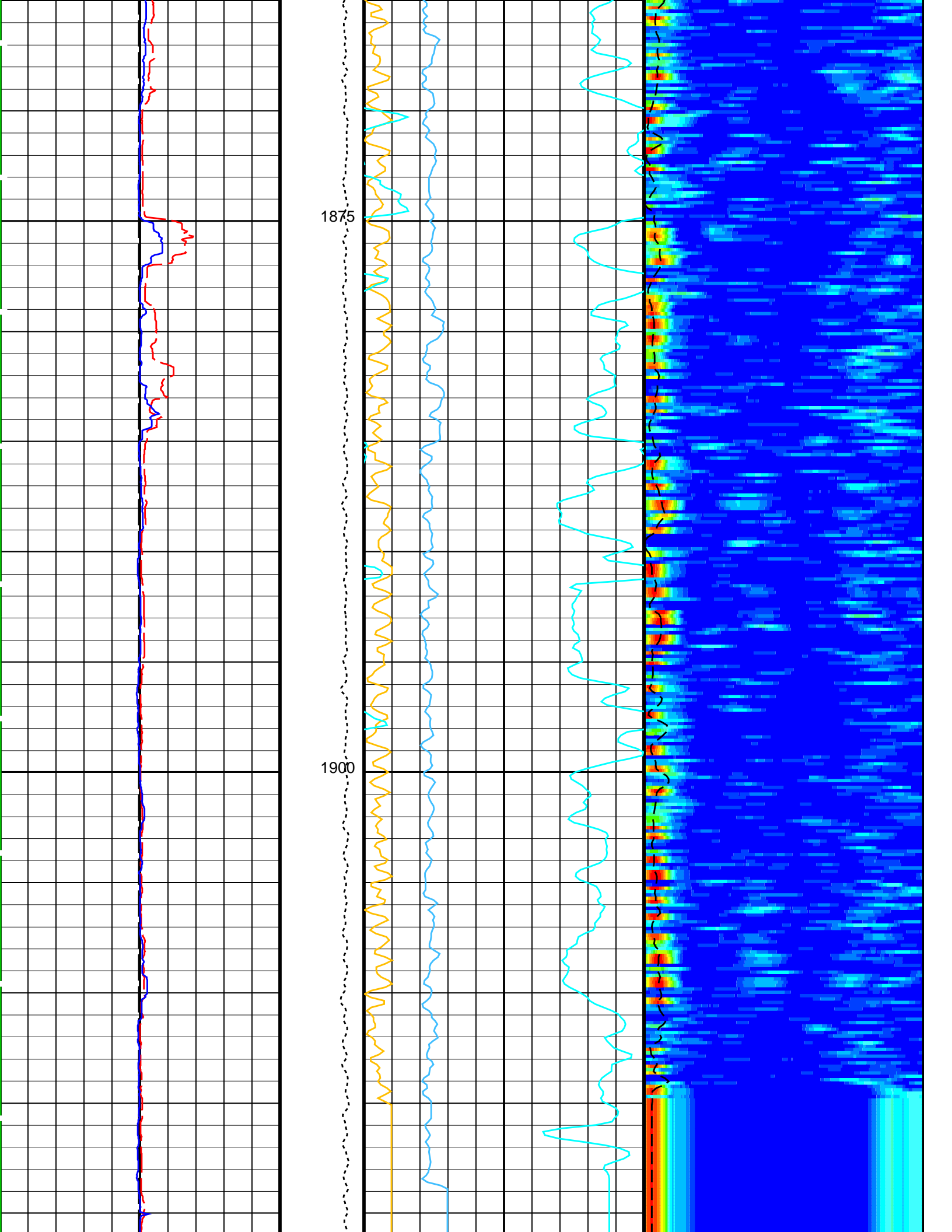


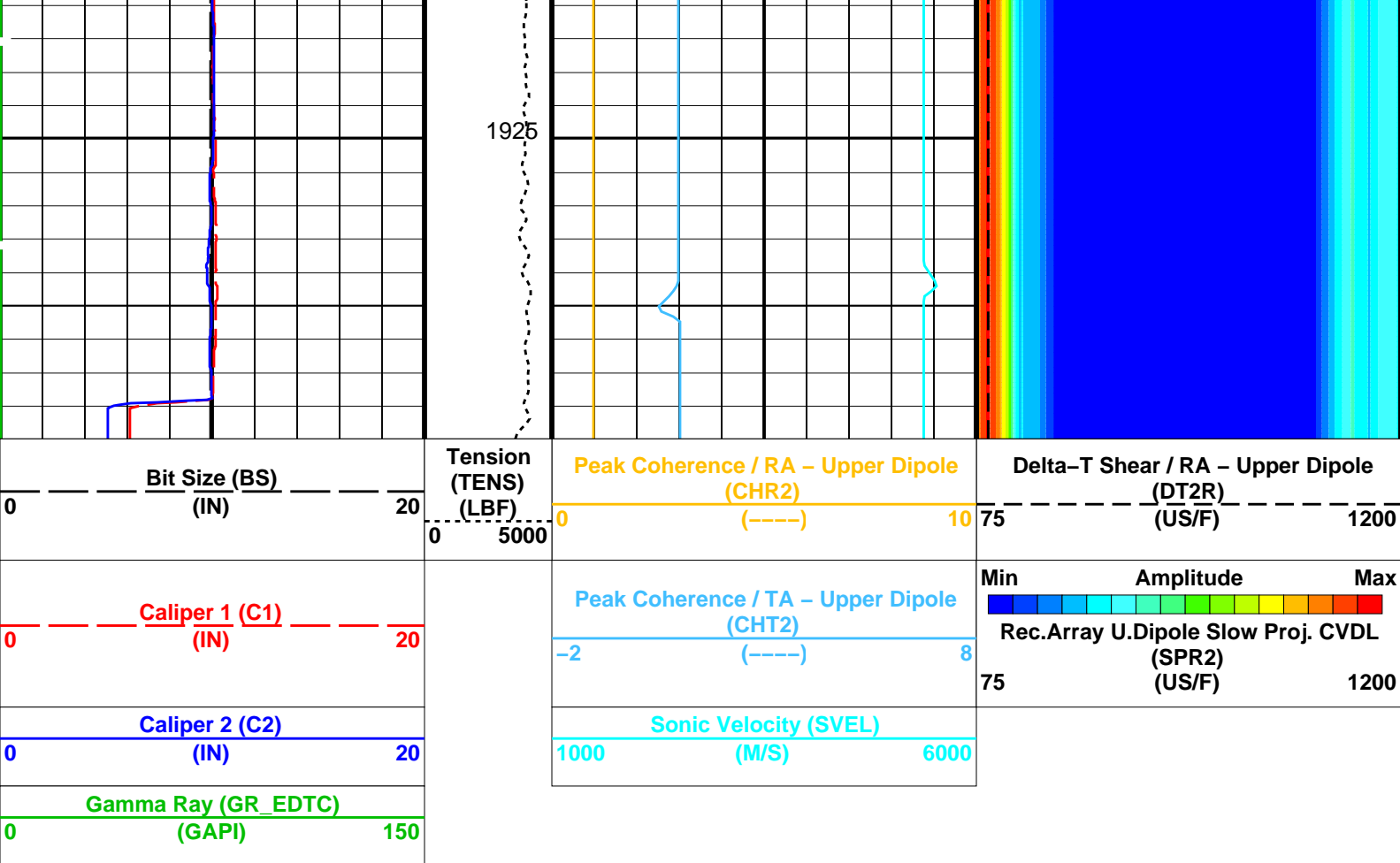










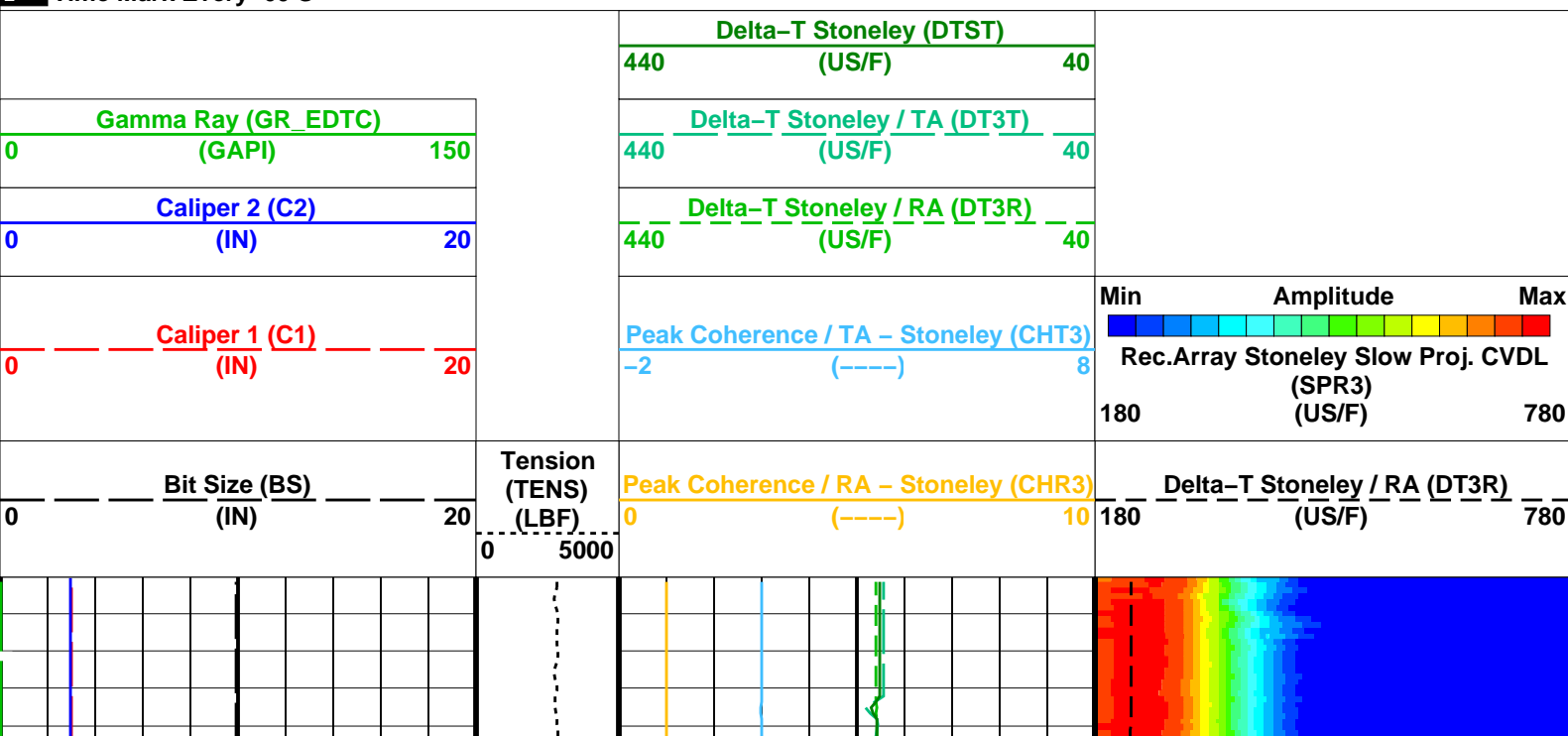


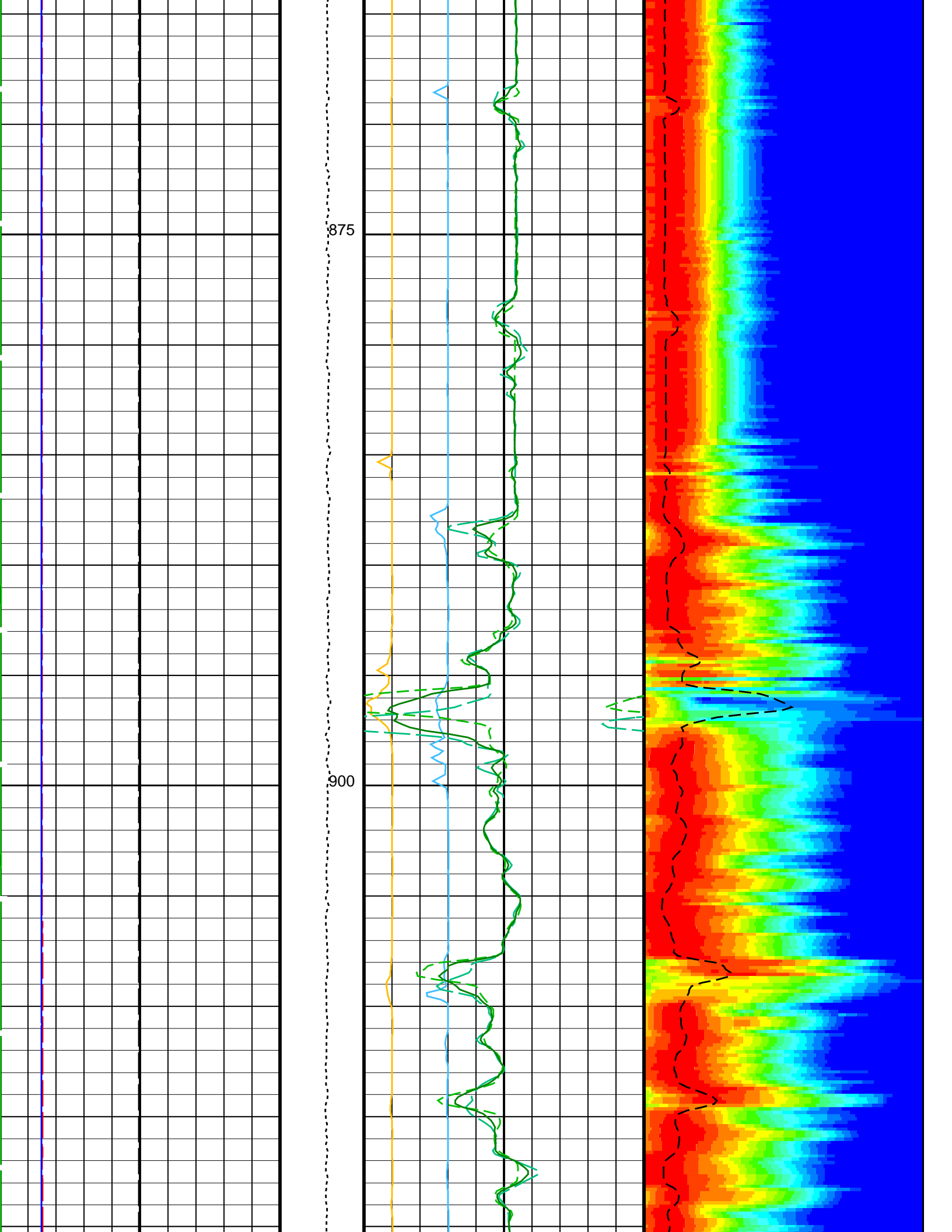
#### PIP SUMMARY

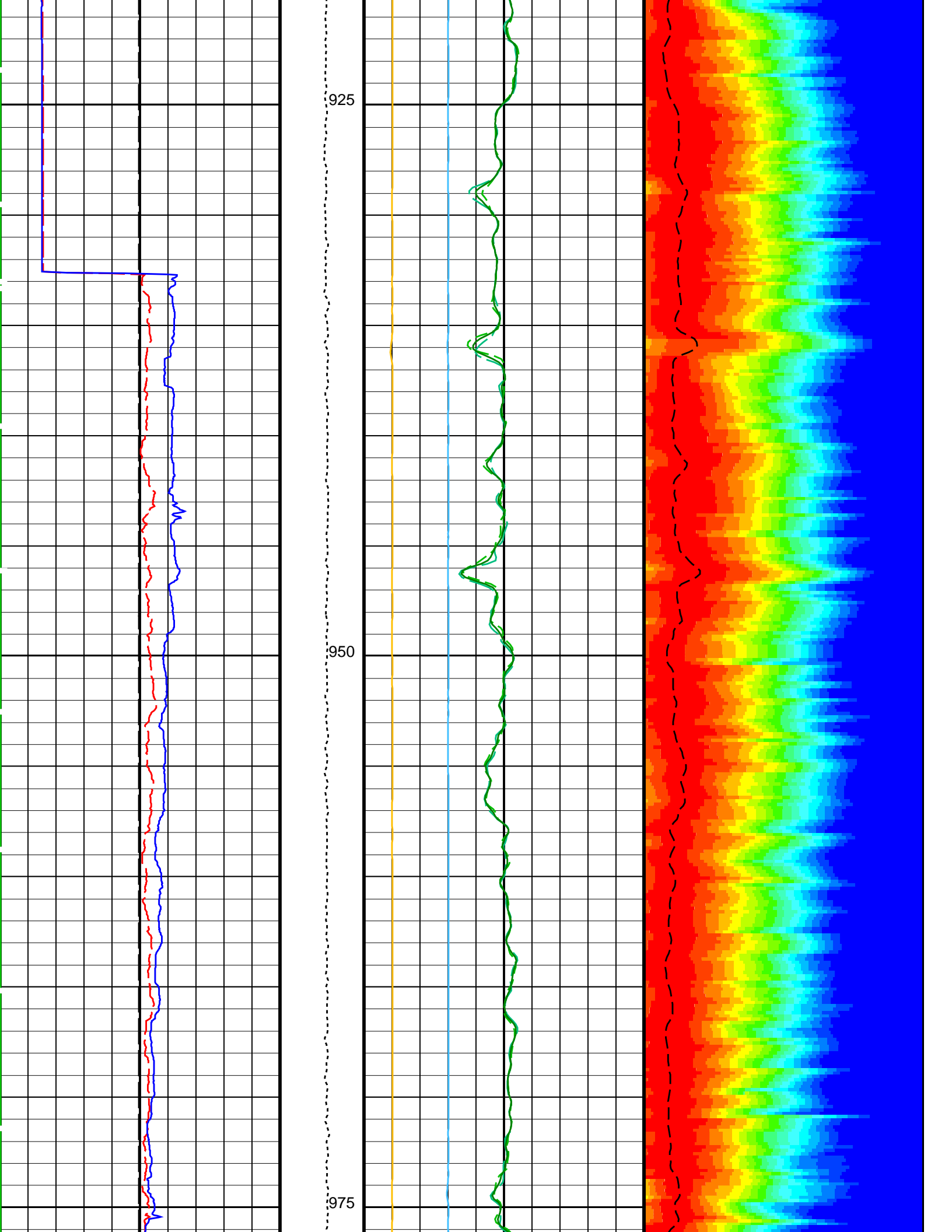
Time Mark Every 60 S

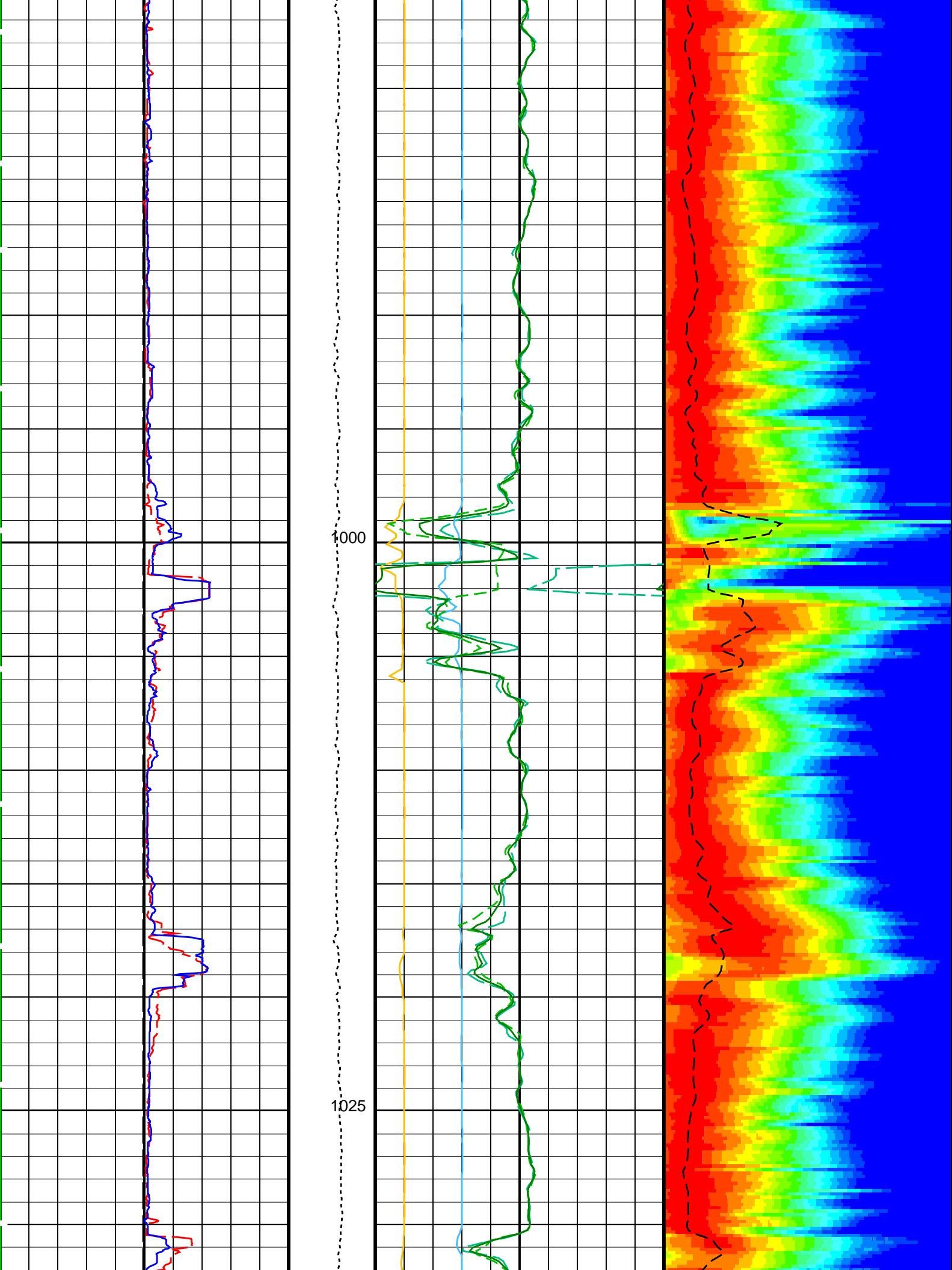
### Parameters

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	40 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	200 US/F
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/F
SST2	STC Slowness Step - Upper Dipole	4 US/F
SSW2	STC Source Waveform - Upper Dipole	WF_SAM2
SUL2	STC Slowness Upper Limit - Upper Dipole	1400 US/F
SWD2	STC Slowness Width - Upper Dipole	40 US/F
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

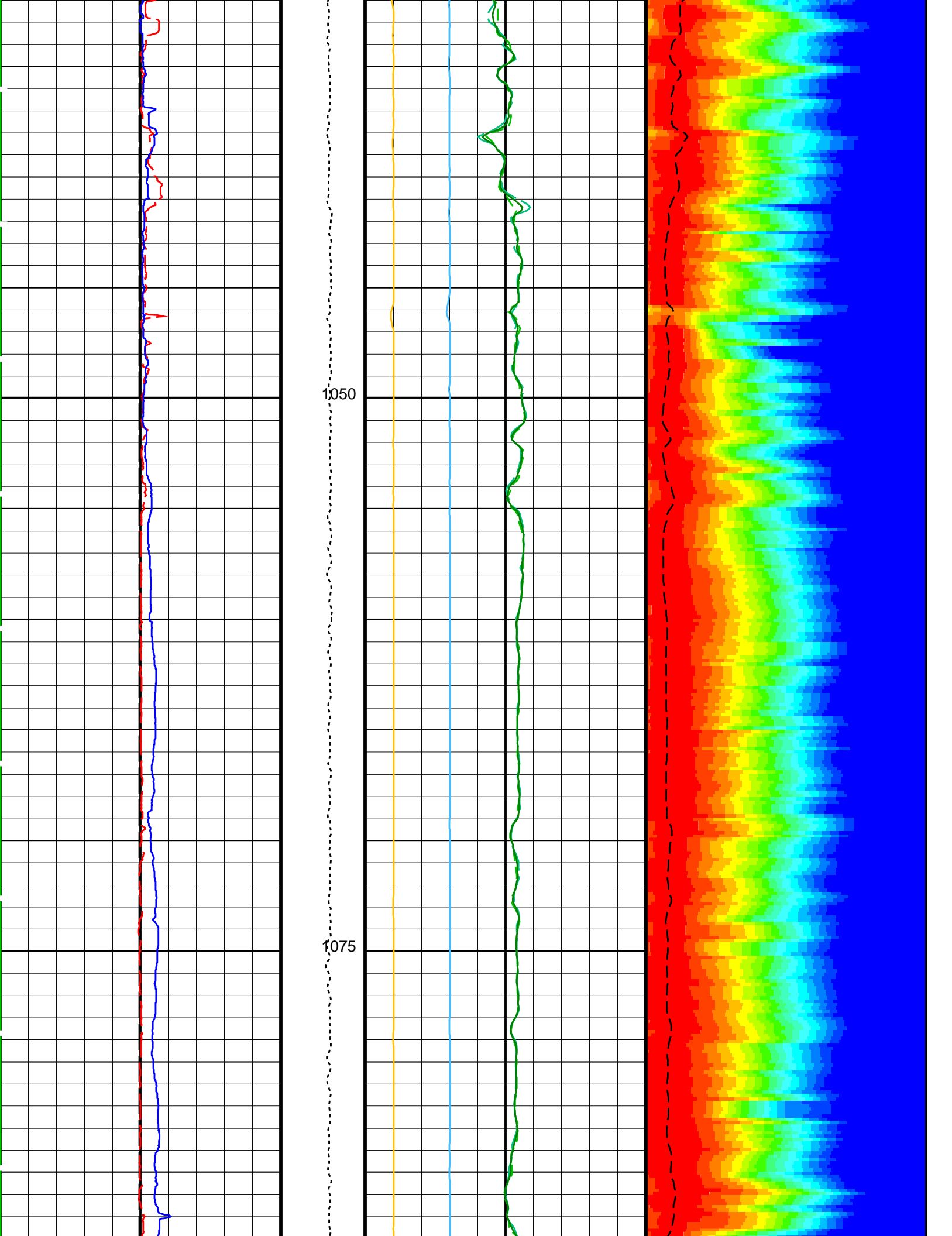


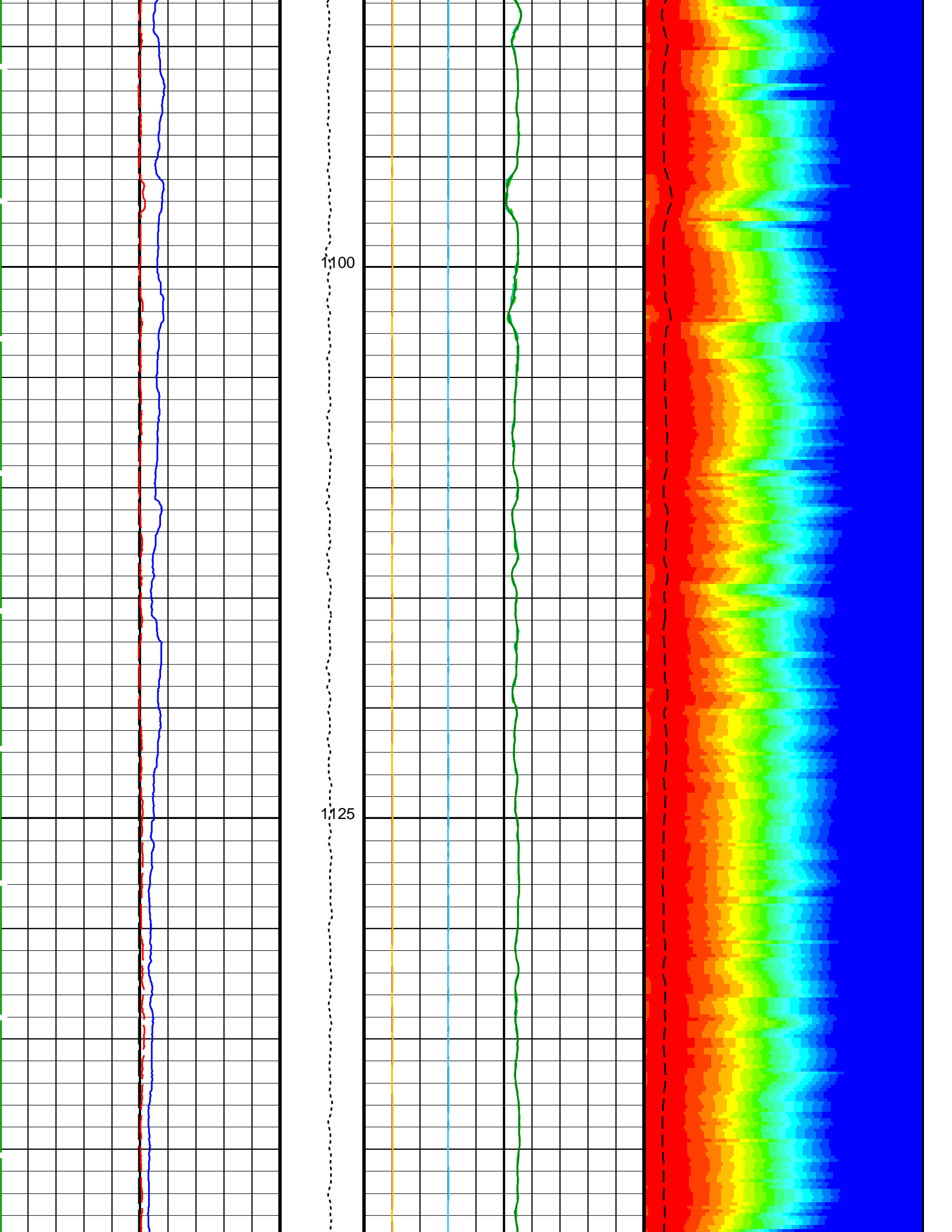


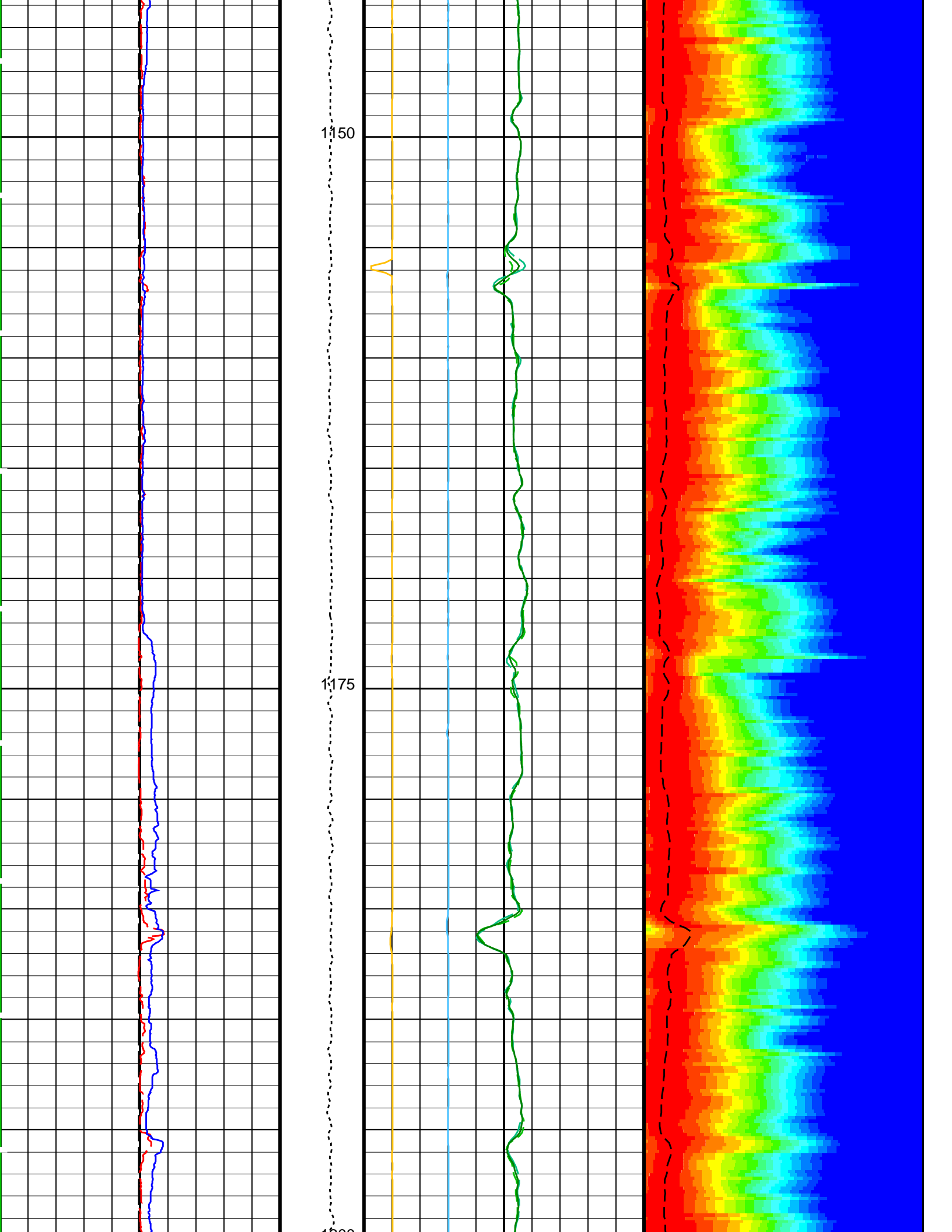


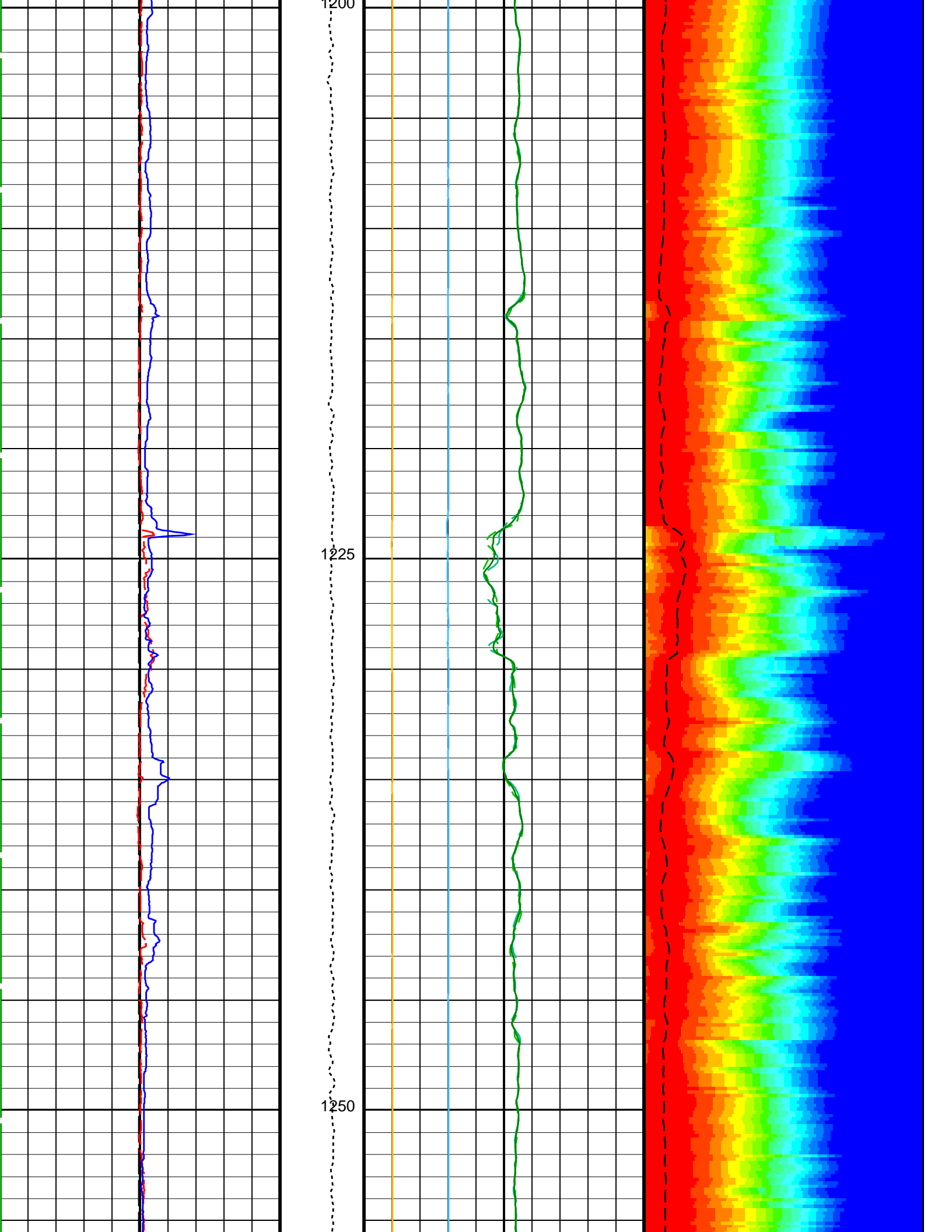


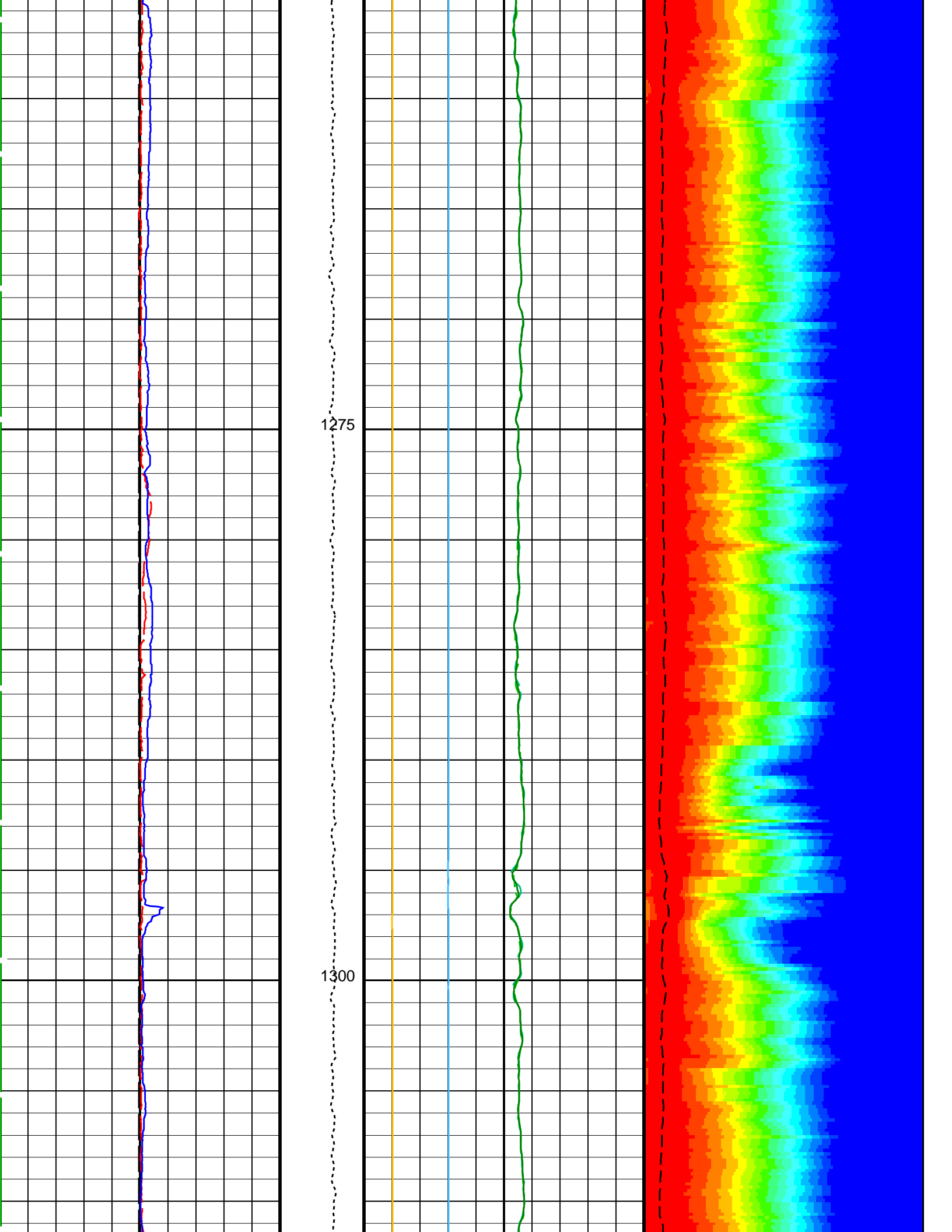


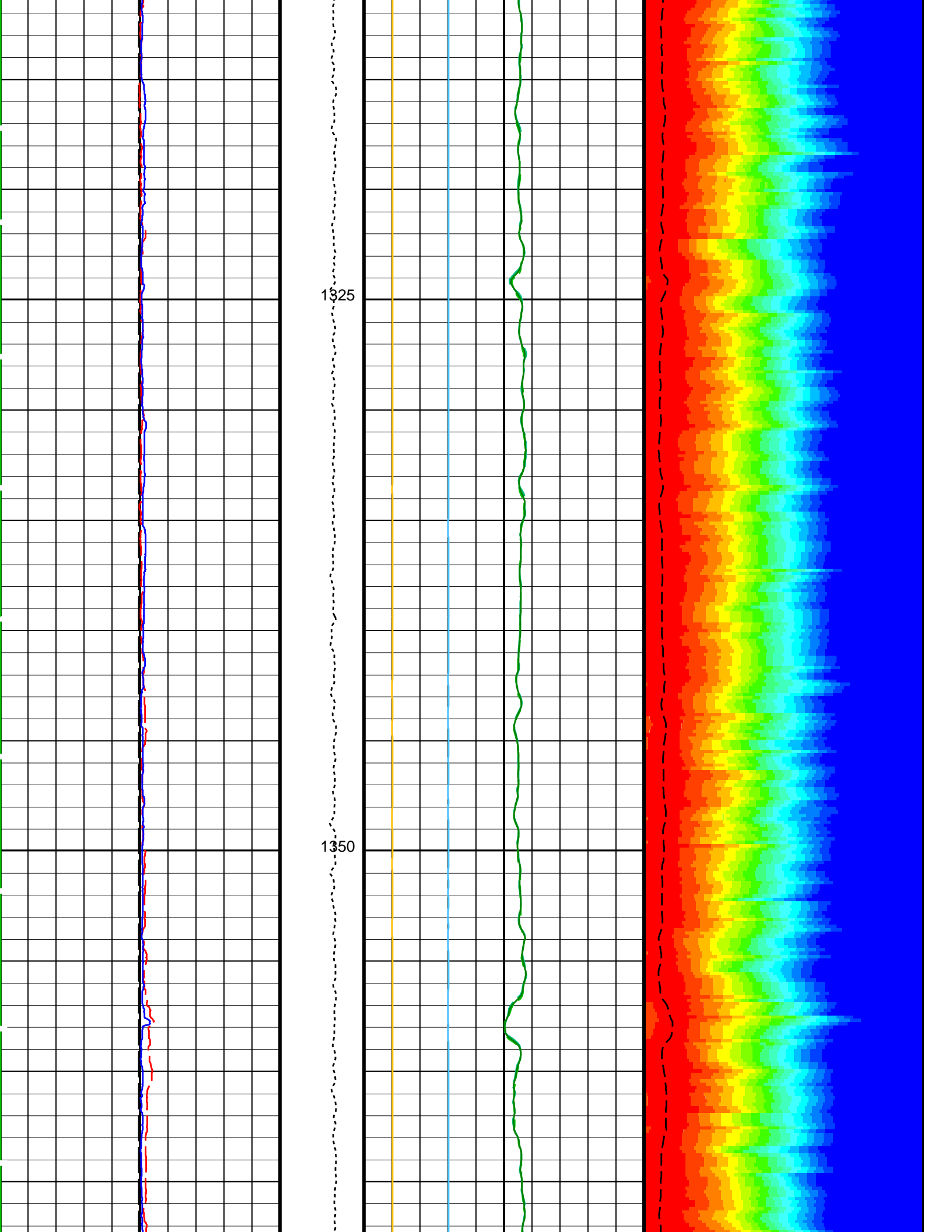


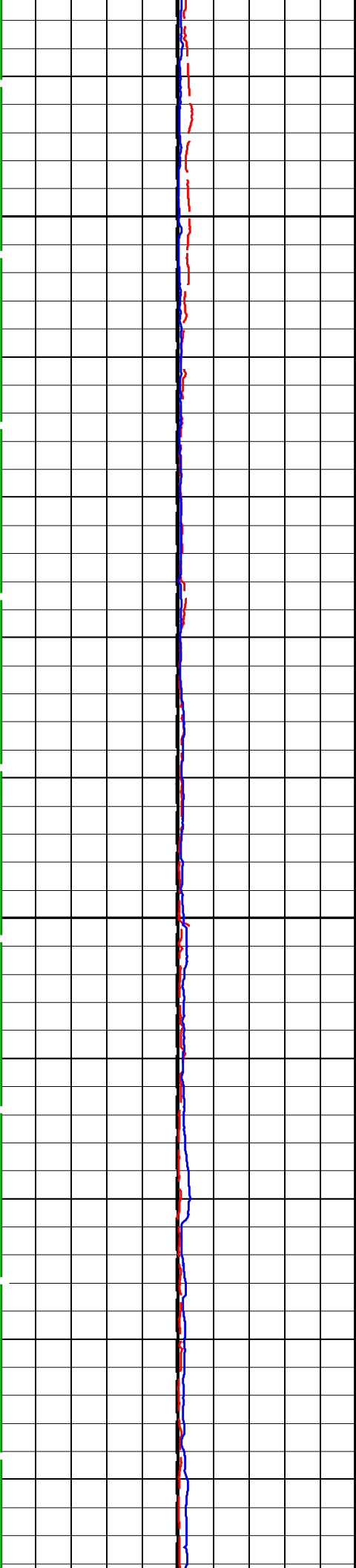






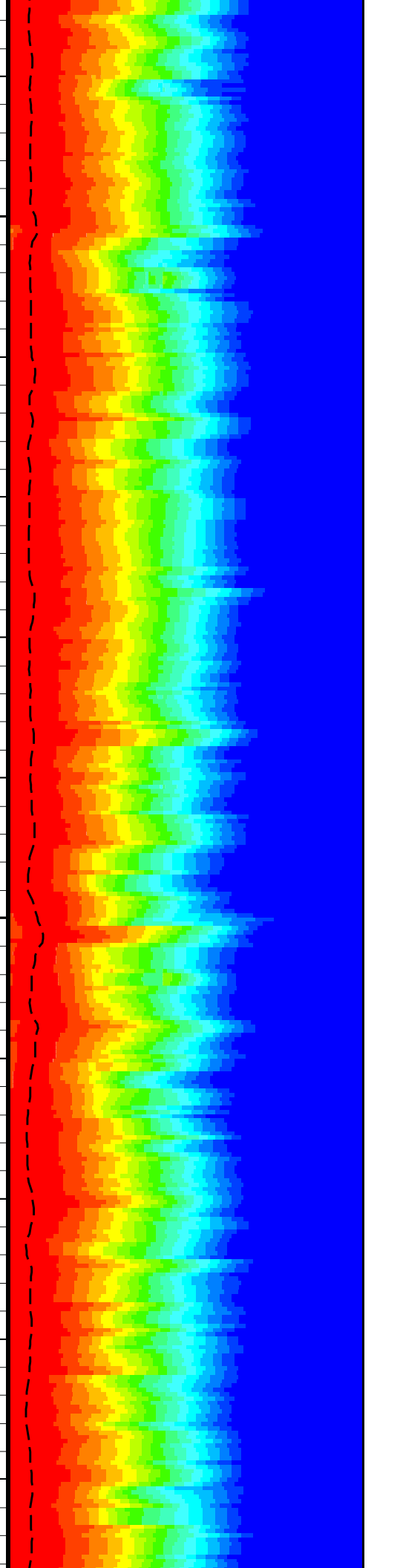
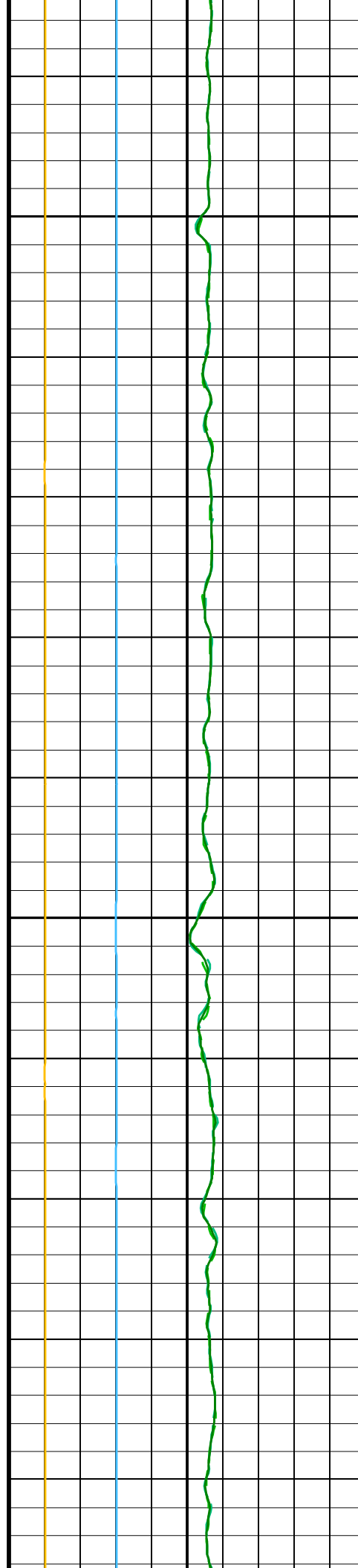


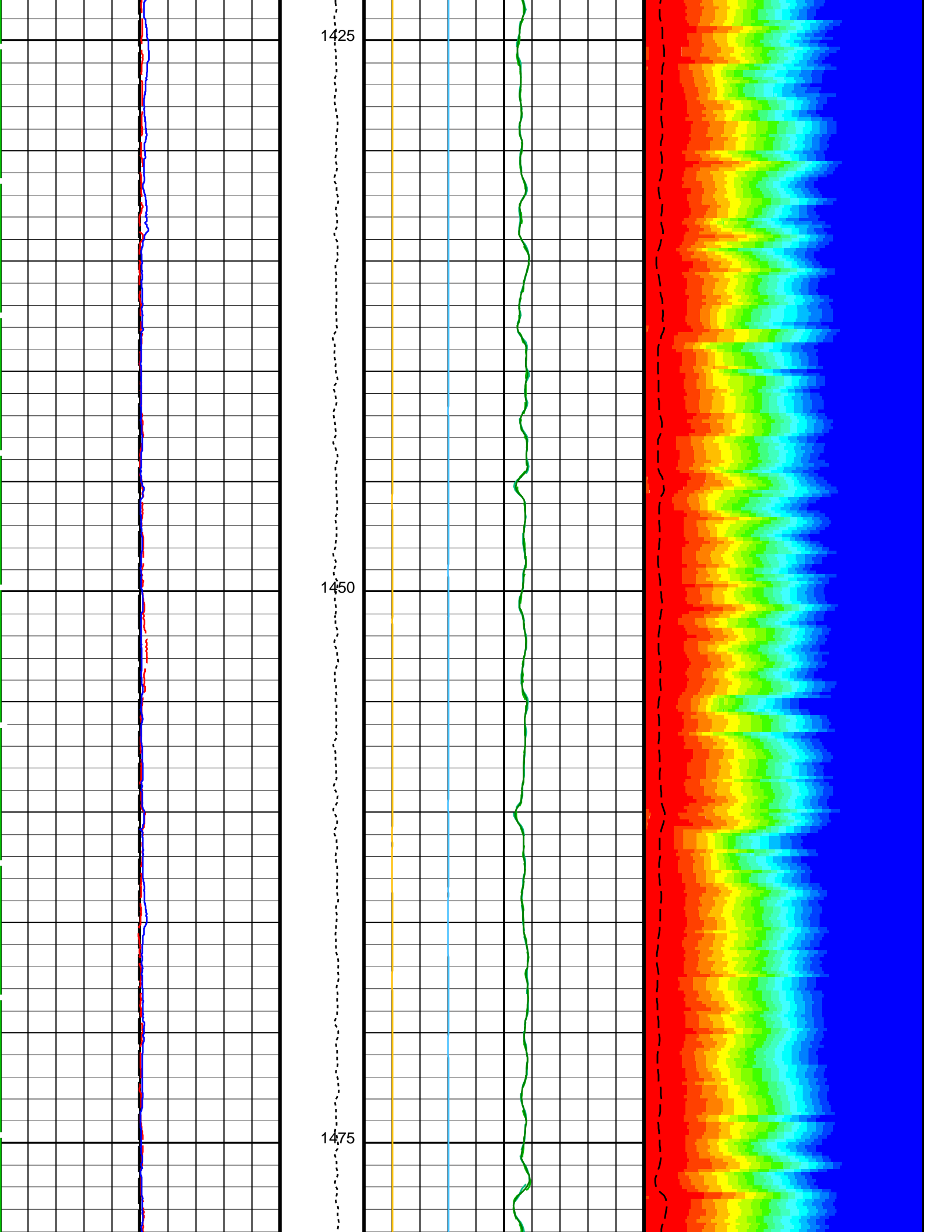




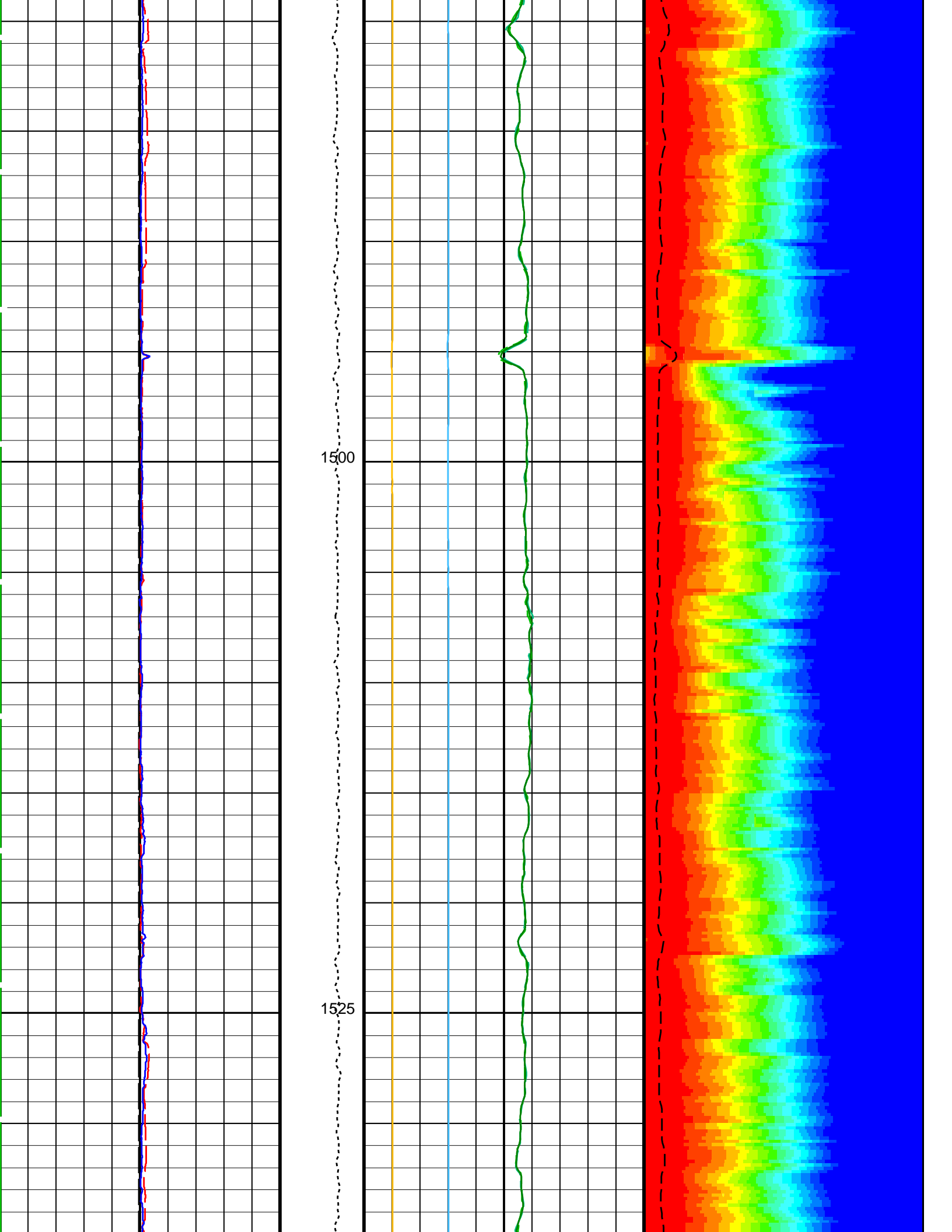
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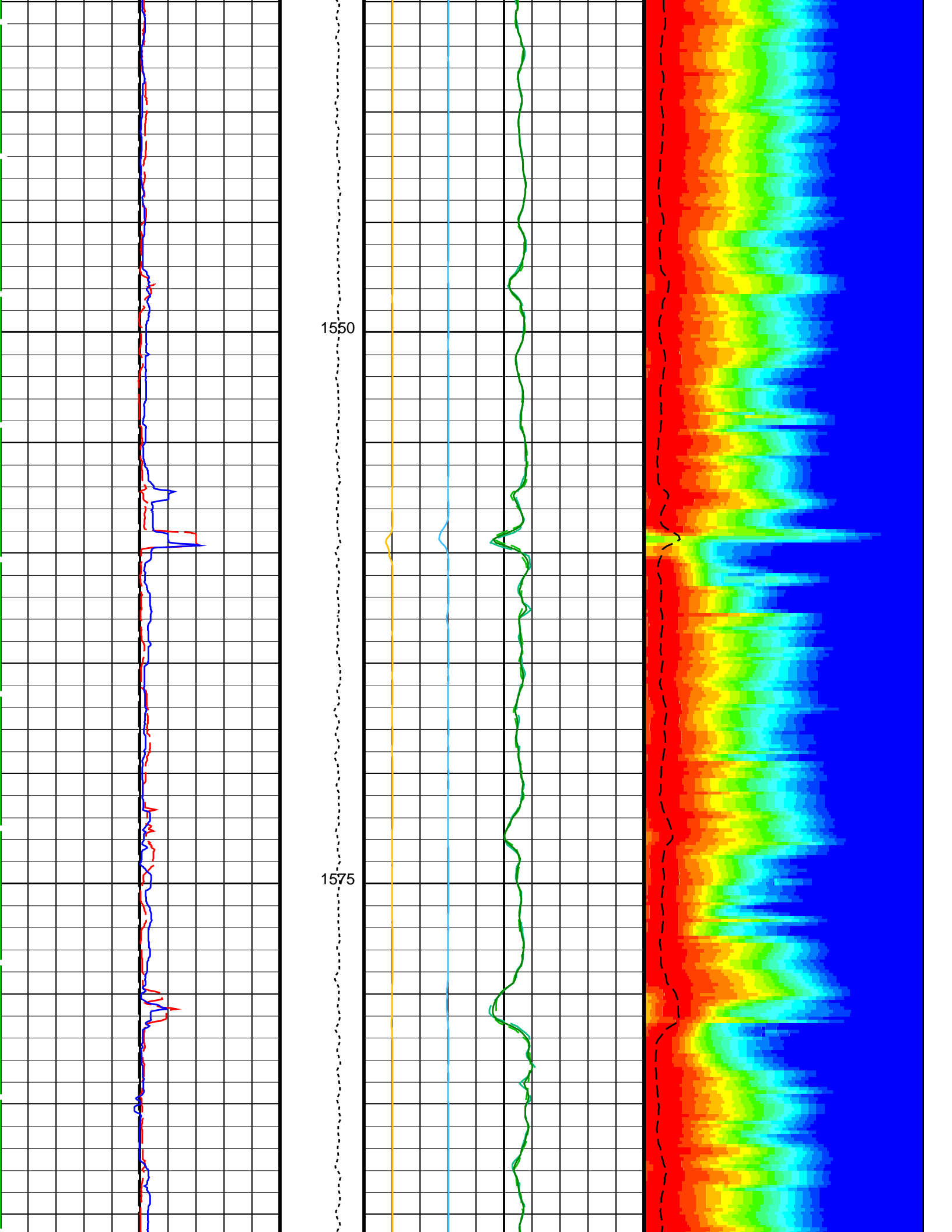
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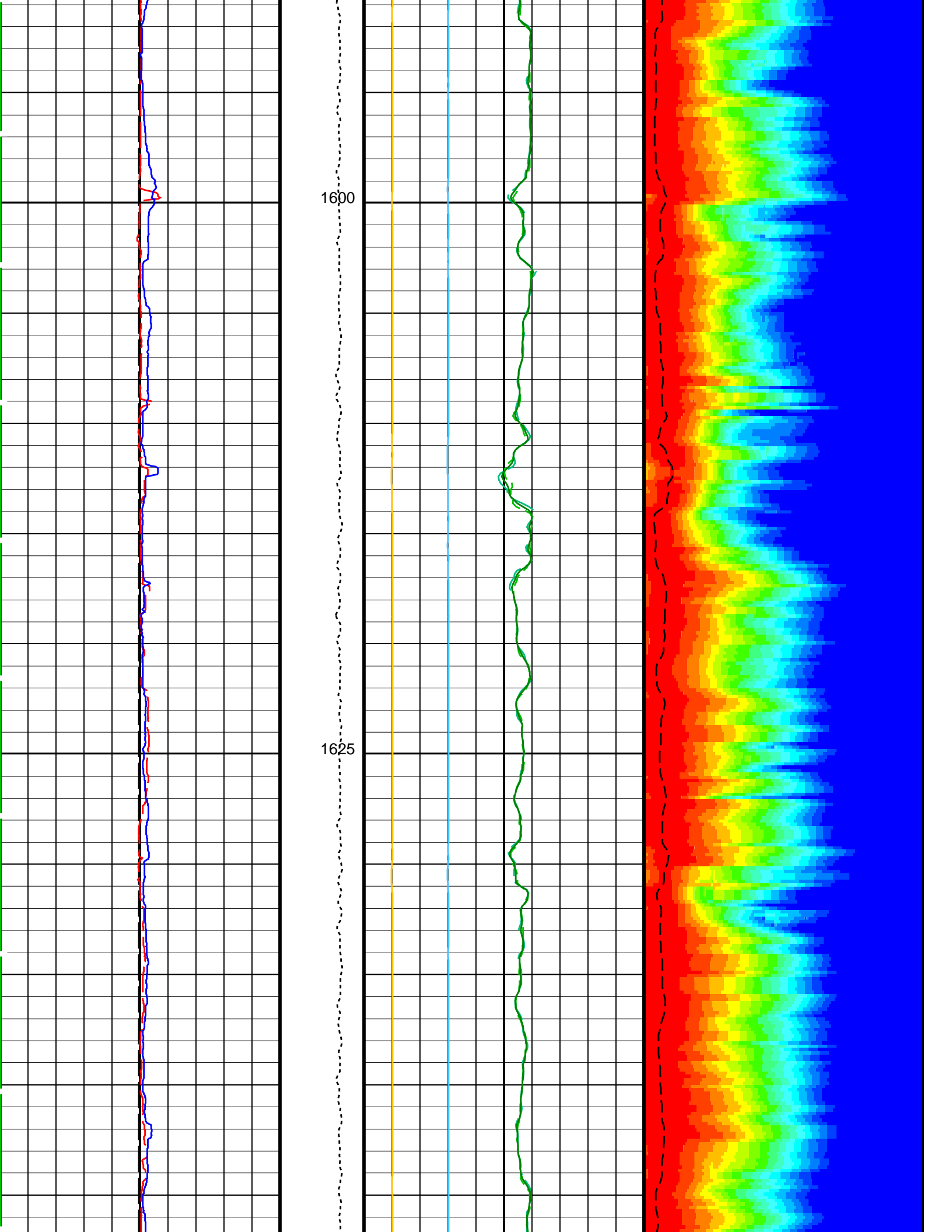


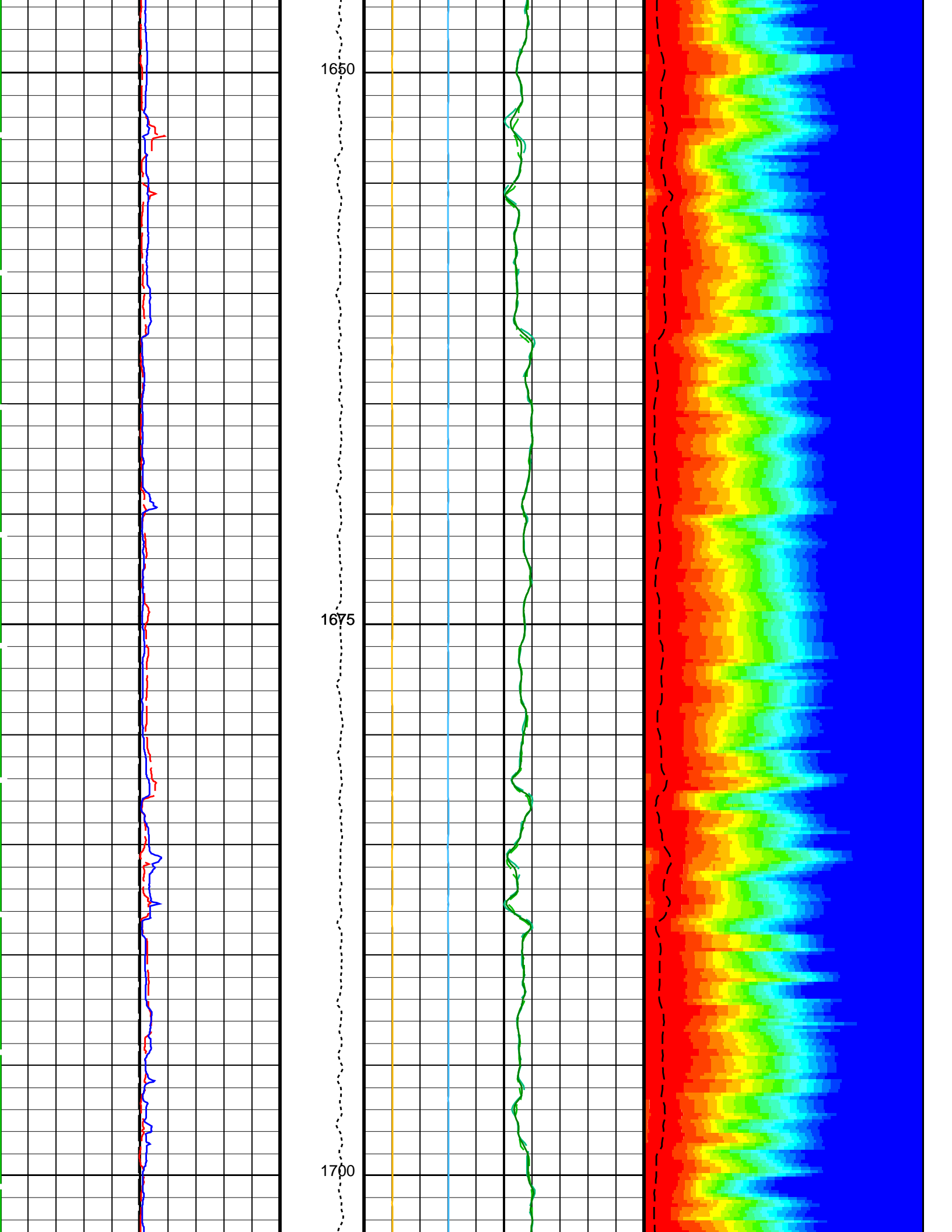


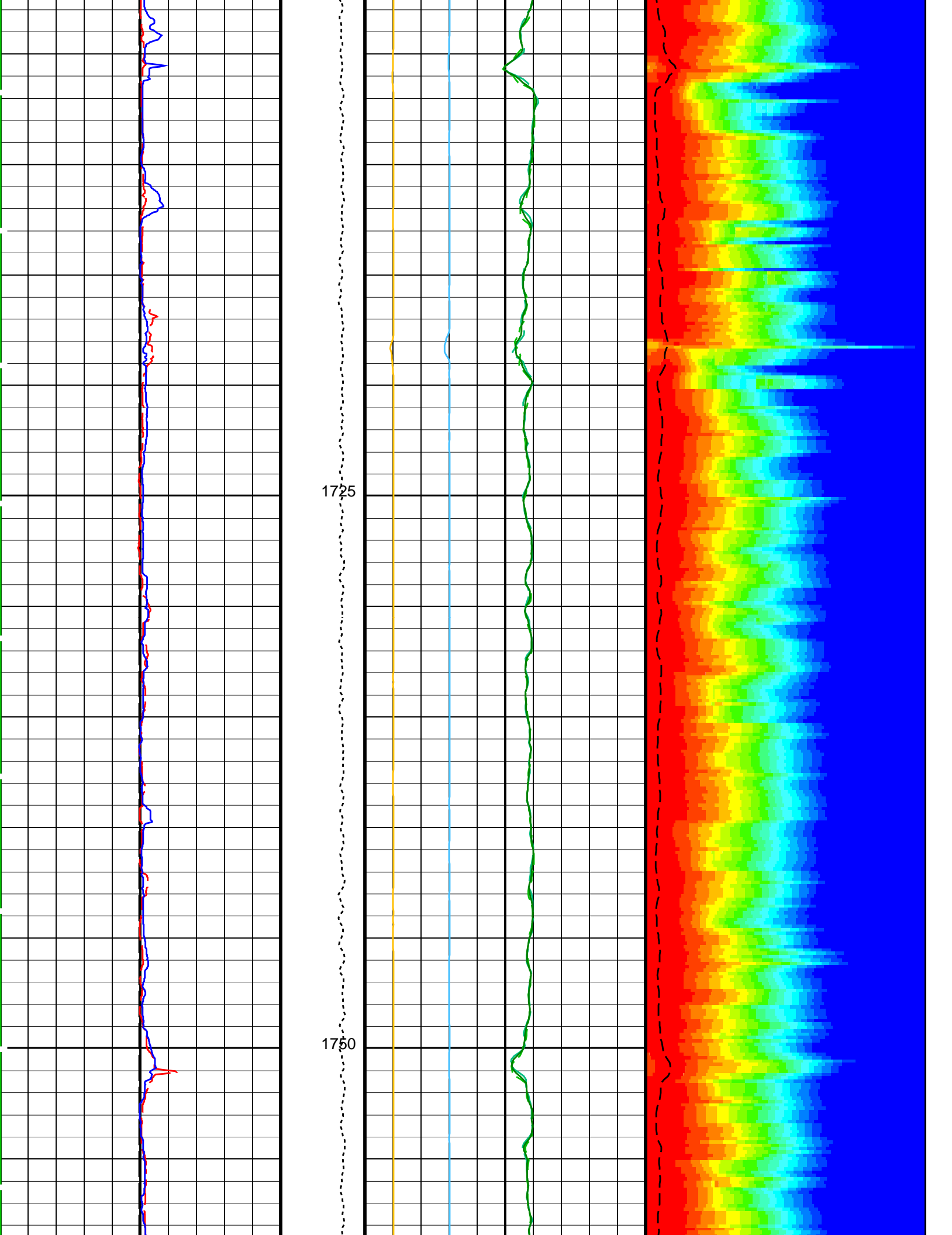


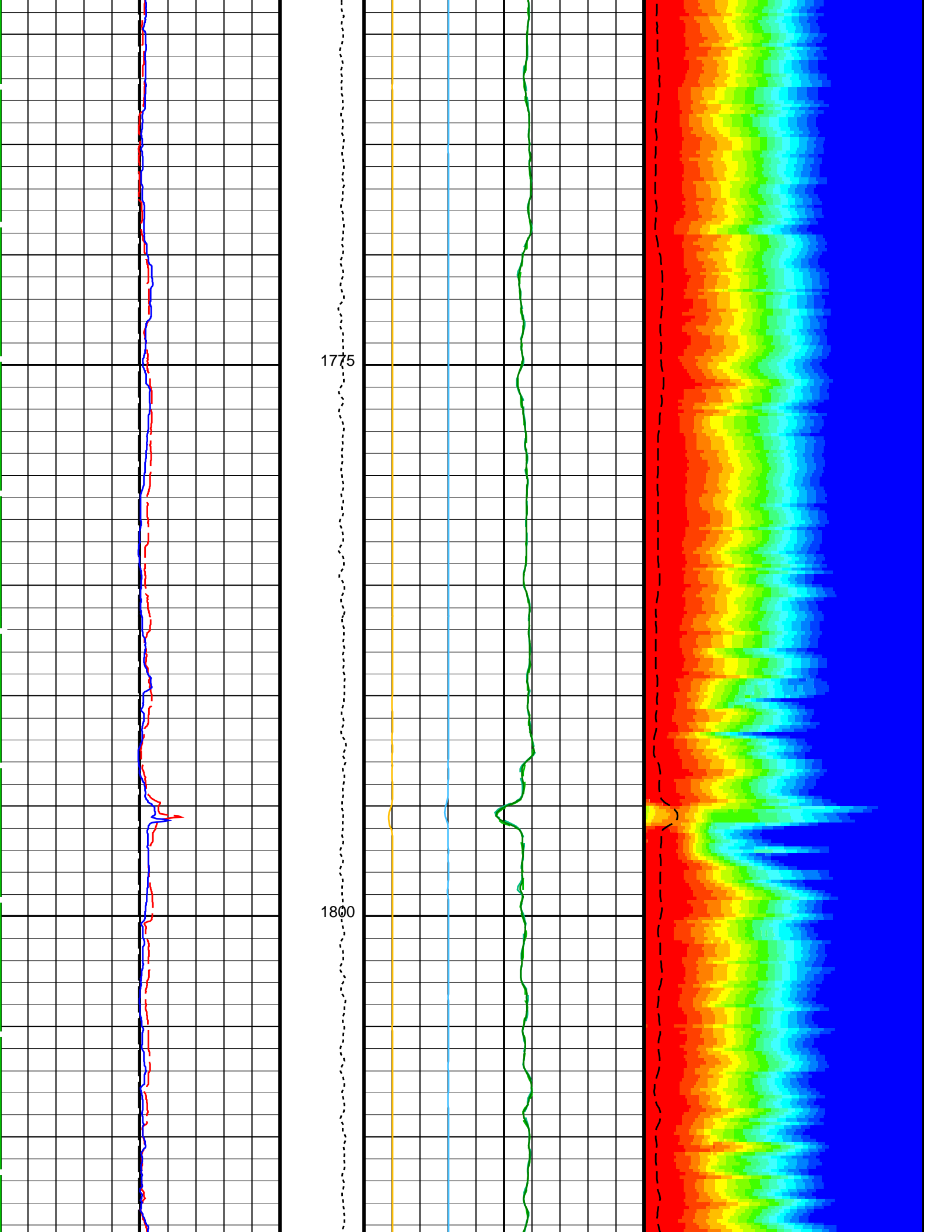


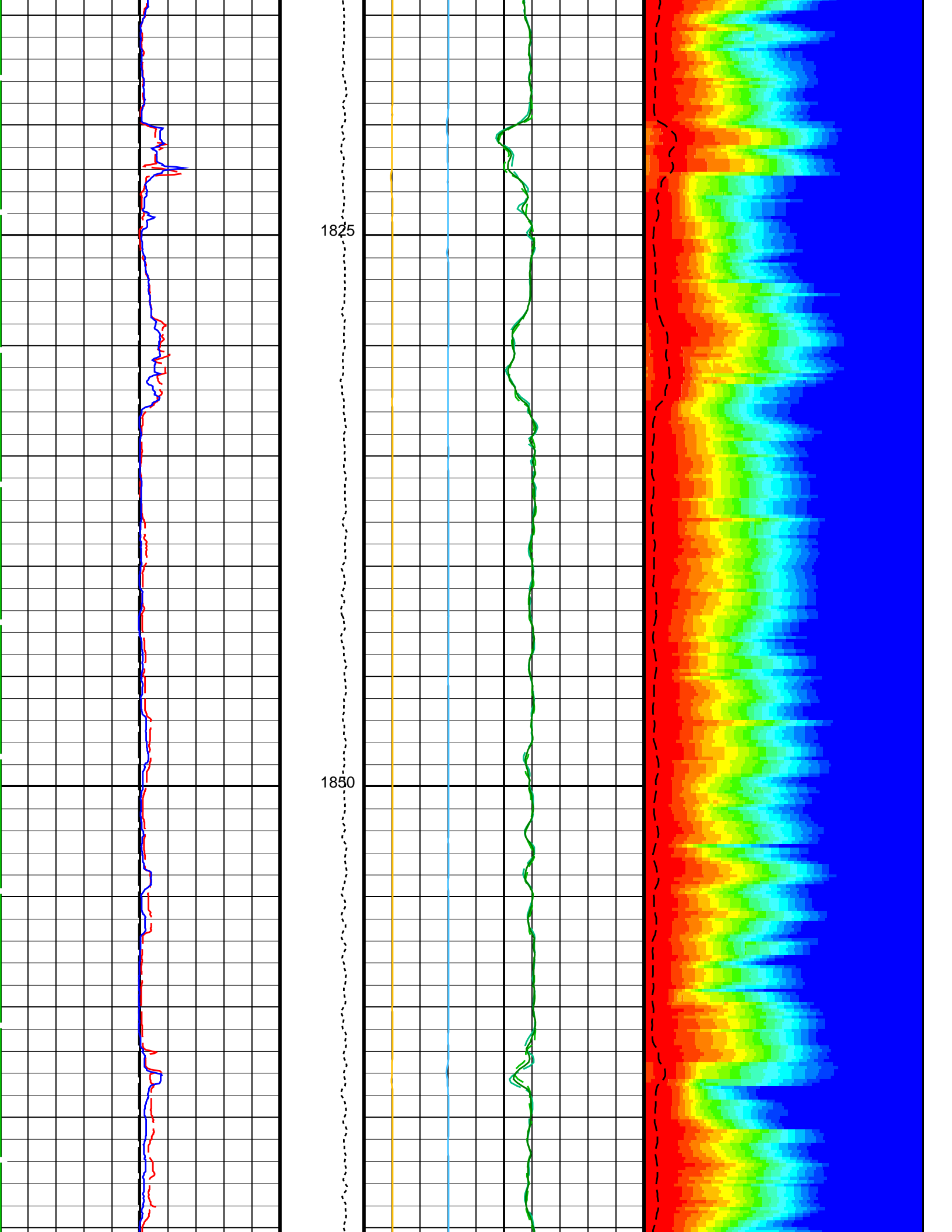


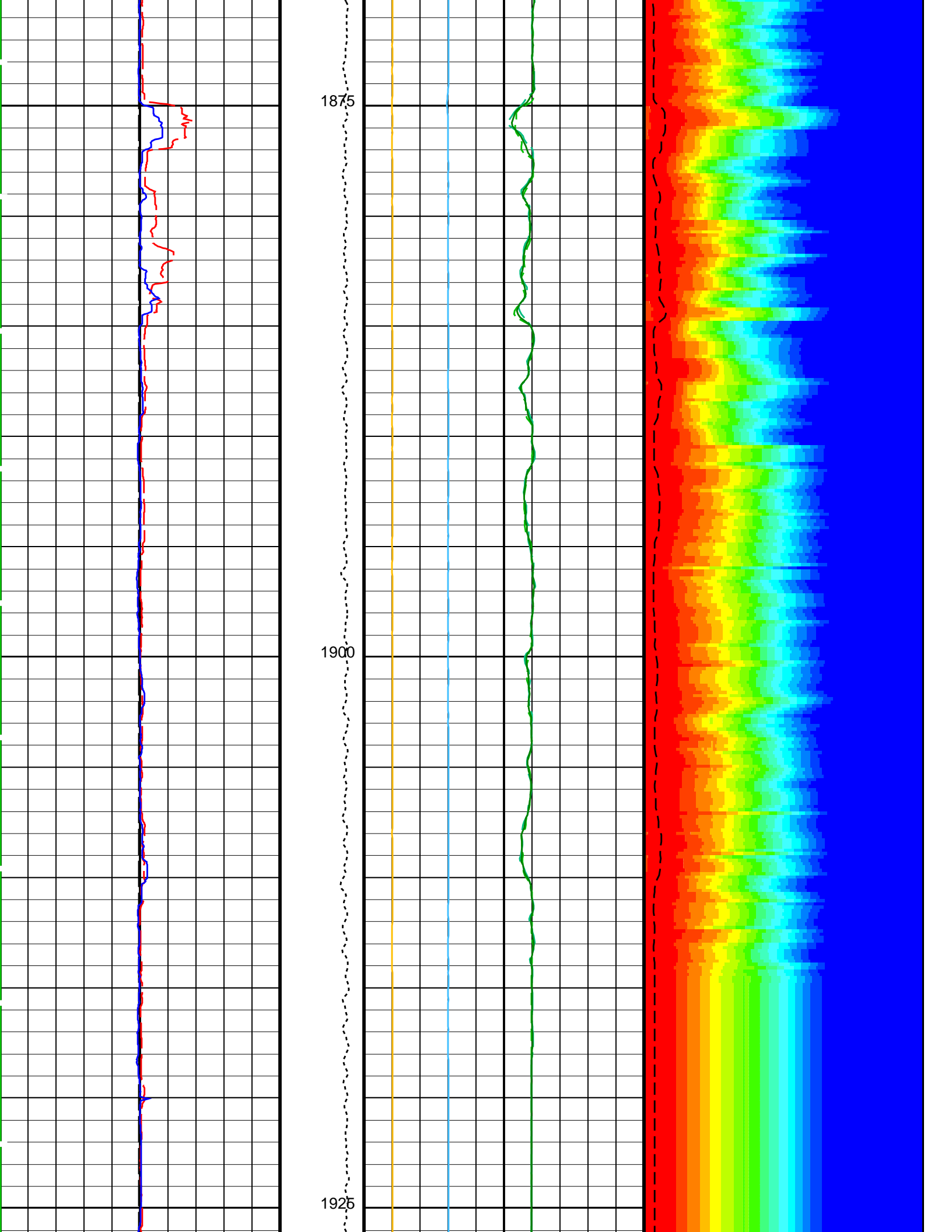




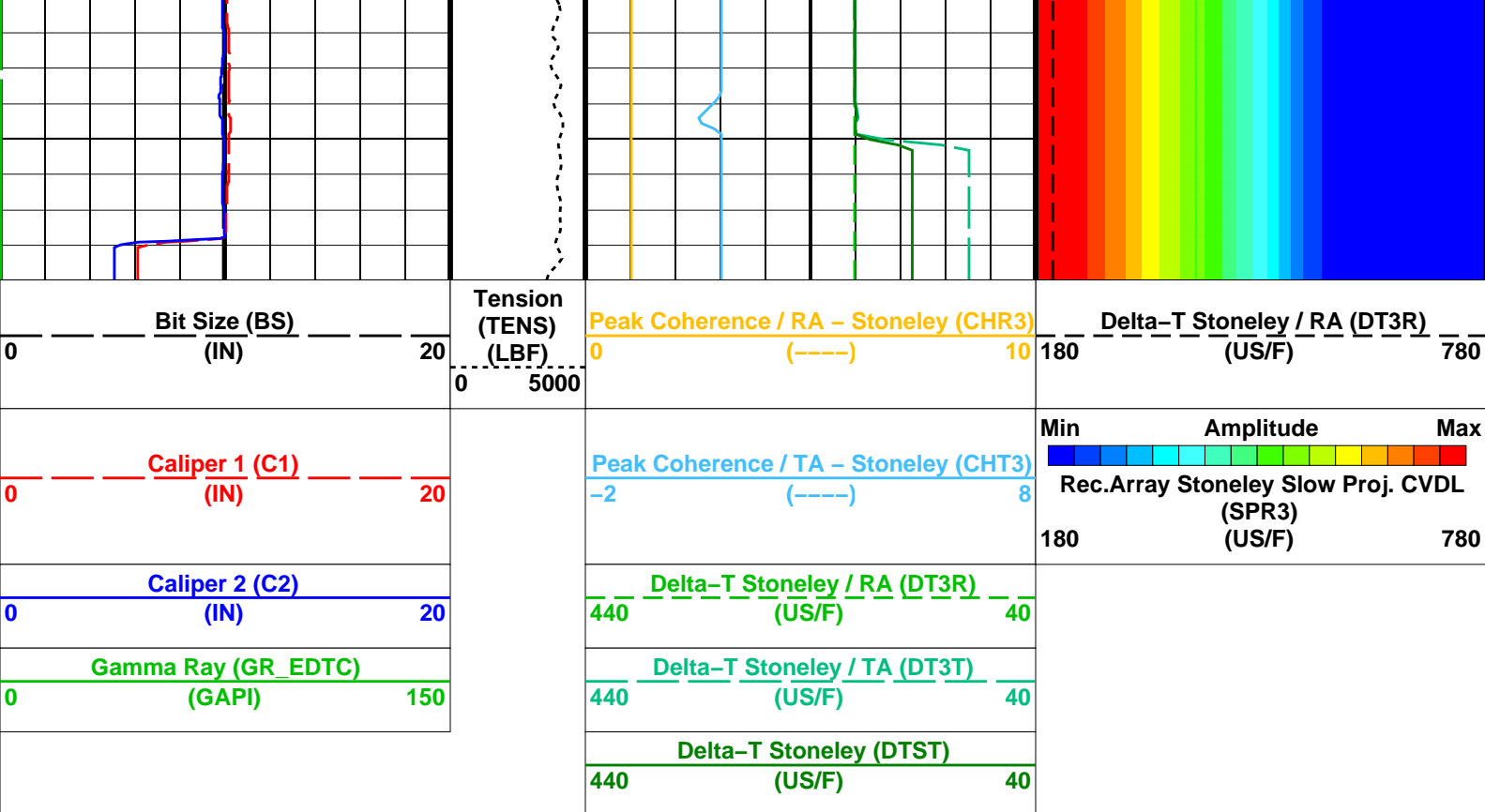












#### PIP SUMMARY

Time Mark Every 60 S

### Parameters

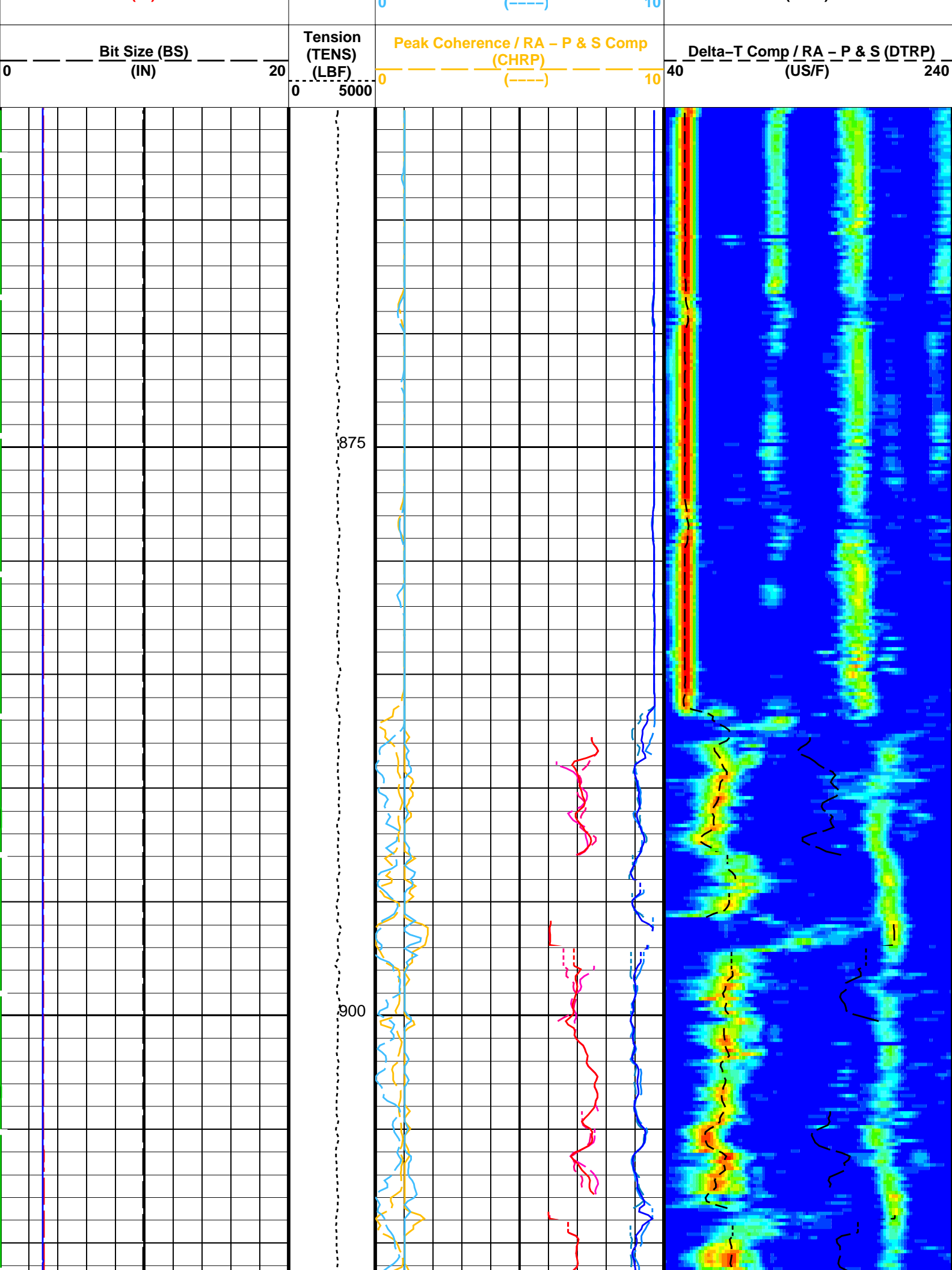
DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
DDE3	Digitizing Delay 3	0 US
DDEX	Digitizing Delay X	0 US
DSI3	Digitizer Sample Interval 3	40 US
DSIX	Digitizer Sample Interval X	40 US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP
DWC3	Digitizer Word Count 3	512
DWCX	Digitizer 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	EVEN
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

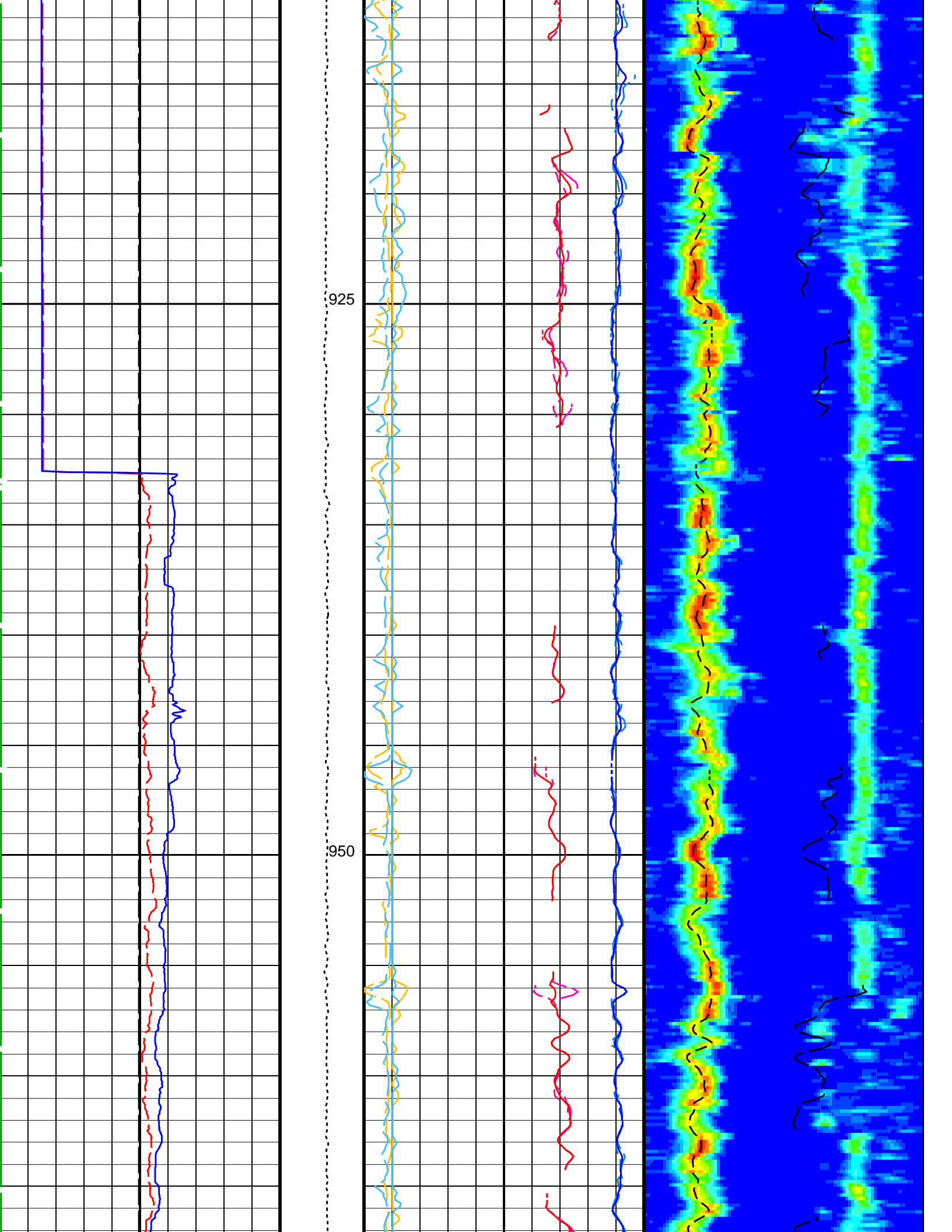
System and Miscellaneous		Bit Size		9.875		IN
BS		Depth Offset for Playback		0.0		M
DO		Playback Processing		NORMAL		
PP						
Format: DSST_STONELEY_VDL_COLOR		Vertical Scale: 1:200		Graphics File Created: 30-May-2023 17:03		
OP System Version: 19C0-187						
MEST-B	19C0-187		DTA-A	19C0-187		
DSST-B	19C0-187		HNGC-B	19C0-187		
HNGS-BA	19C0-187		EDTC-B	19C0-187		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_097LUP	FN:93	PRODUCER	27-May-2023 20:16	1934.0 M	859.9 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_123PUP	FN:117	PRODUCER	30-May-2023 17:03		

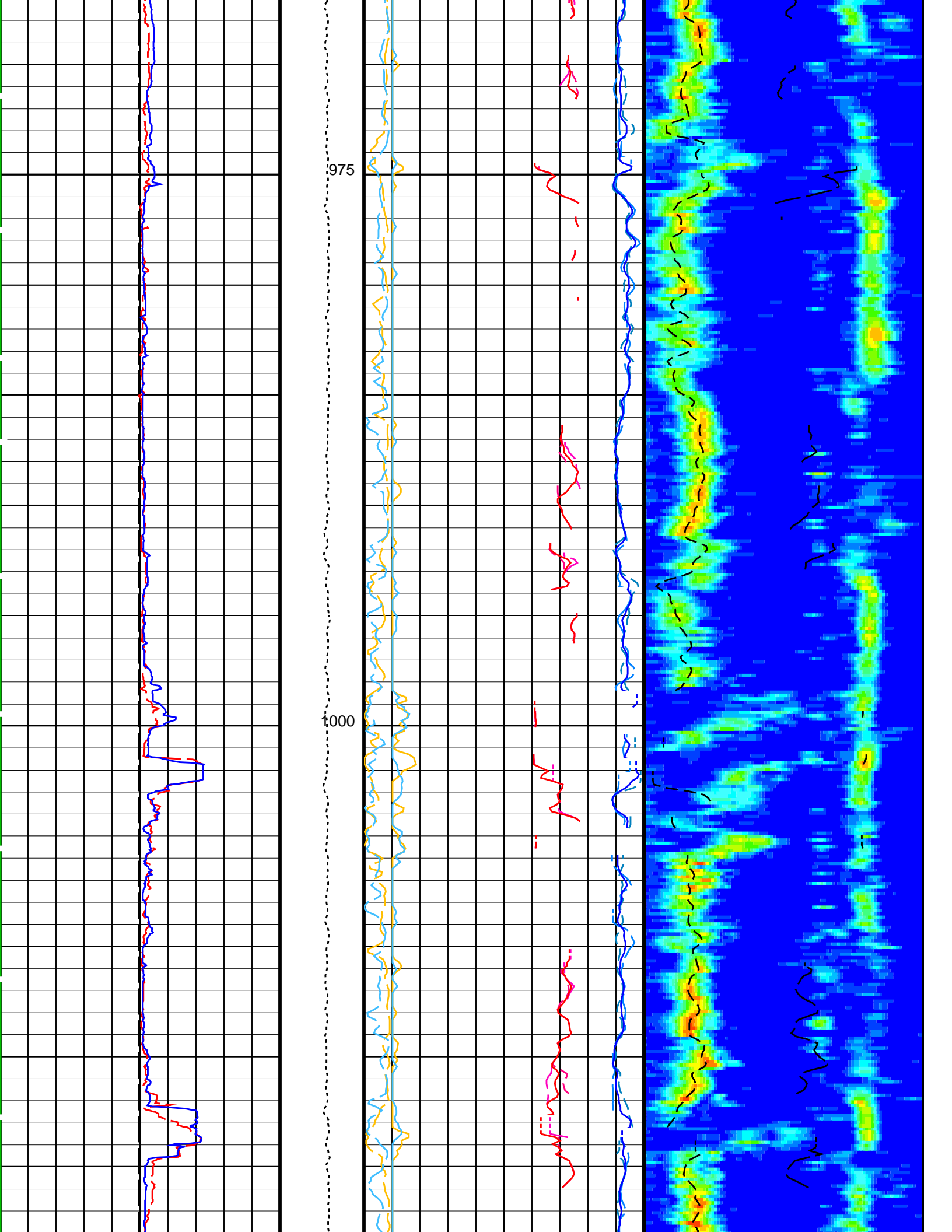
Company: International Ocean Discovery Program				Well: Expedition 399, Site U1601C		
Input DLIS Files						
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Output DLIS Files						
DEFAULT	FMS_DSI_NGS_123PUP	FN:117	PRODUCER	30-May-2023 17:03	1934.0 M	860.0 M
OP System Version: 19C0-187						
MEST-B	19C0-187		DTA-A	19C0-187		
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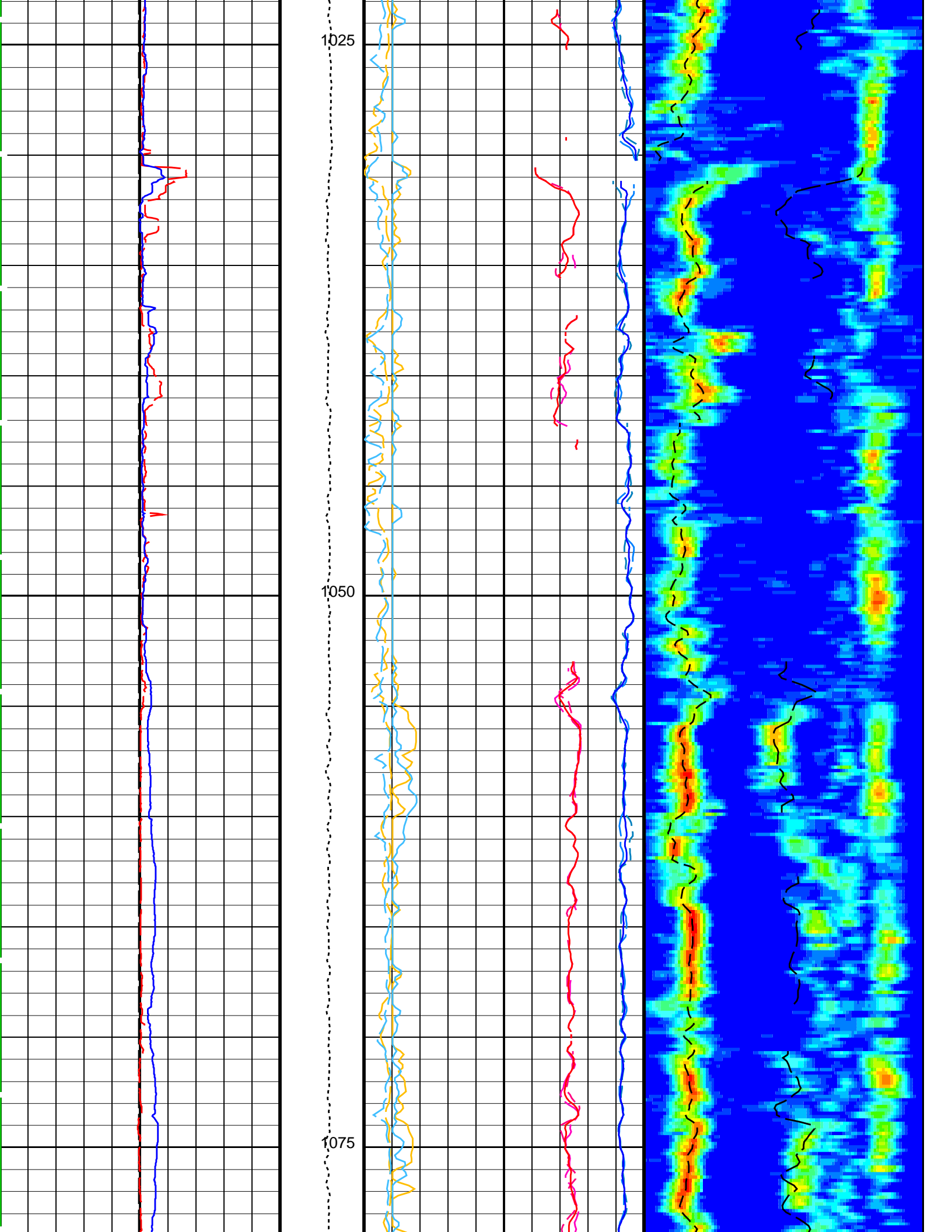
PIP SUMMARY						
Time Mark Every 60 S						

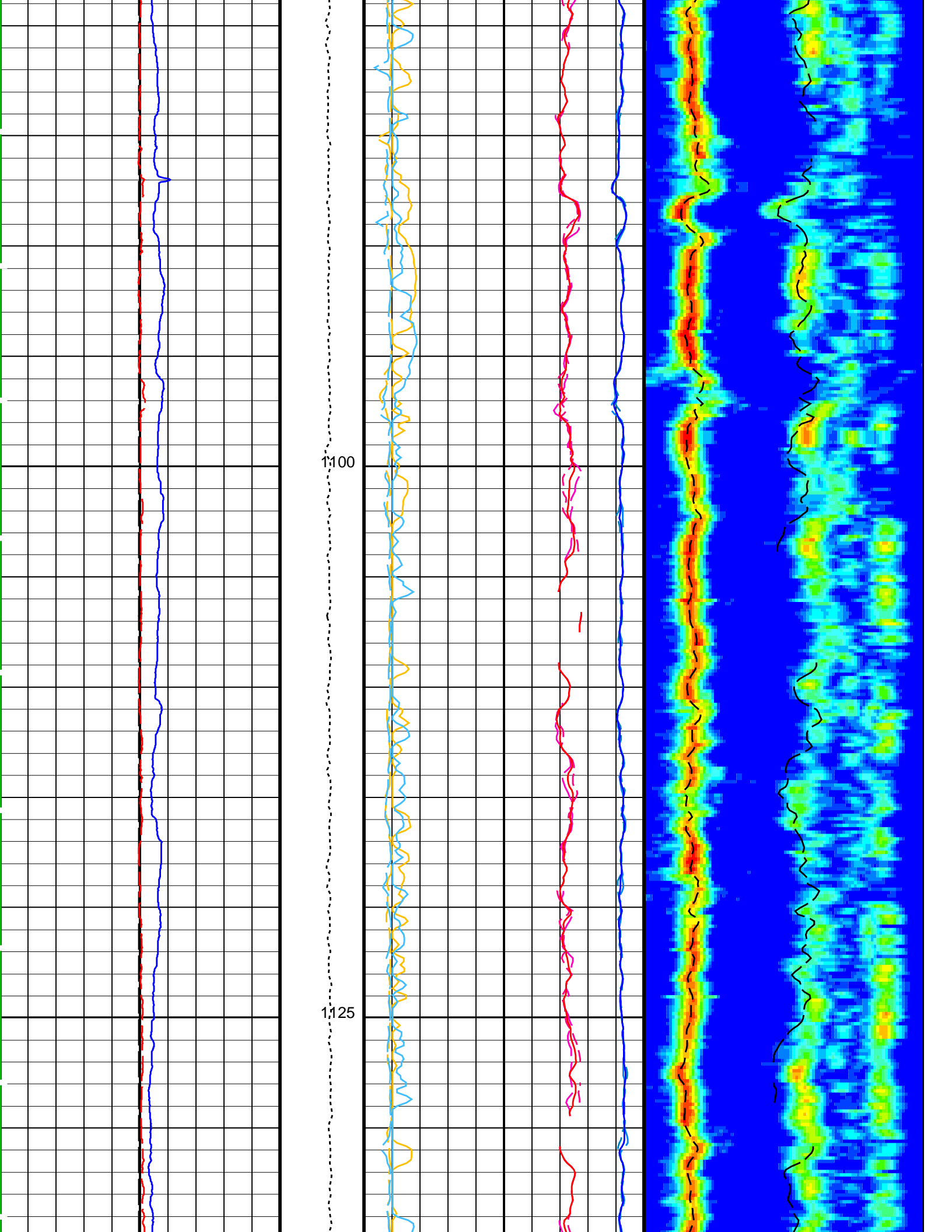
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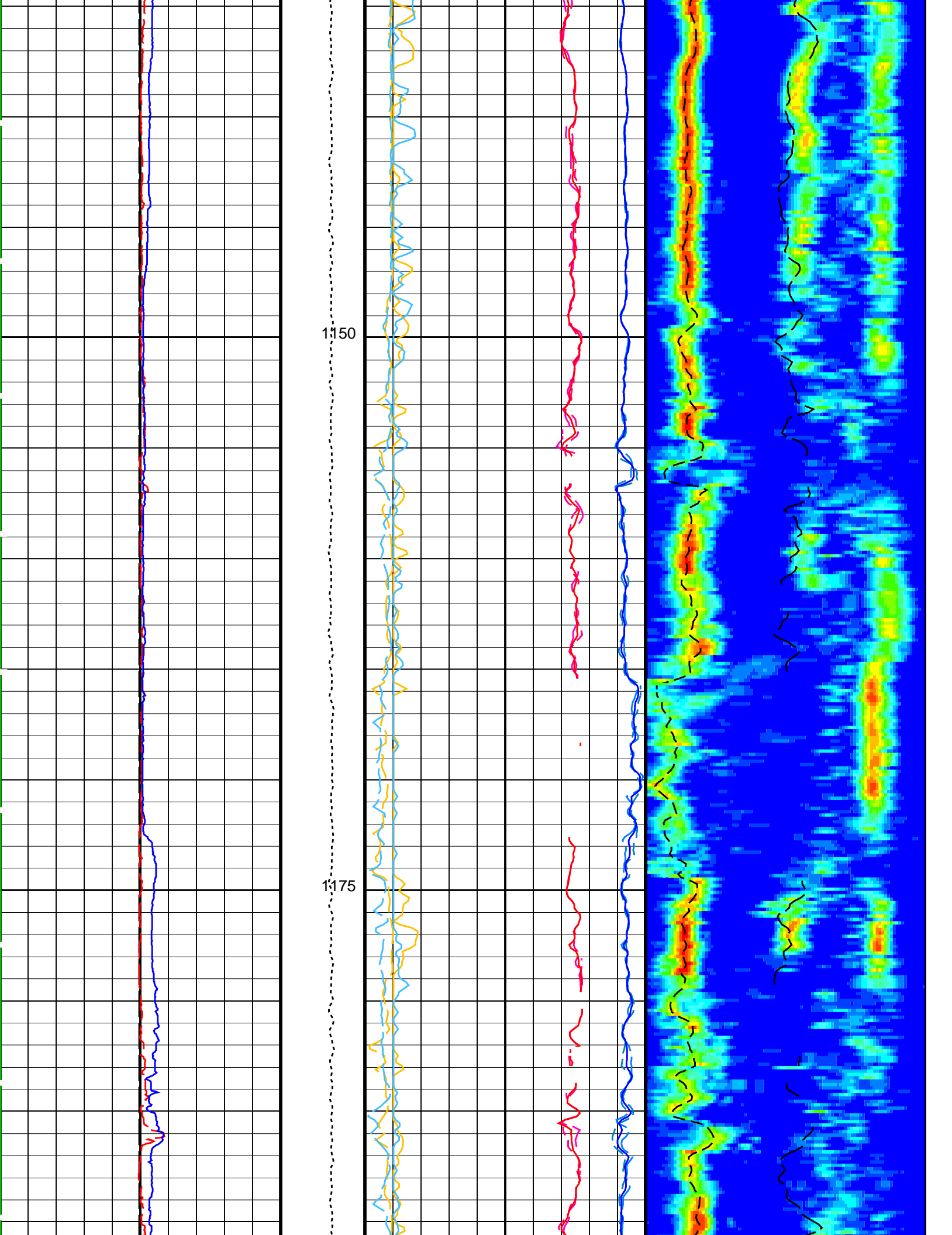




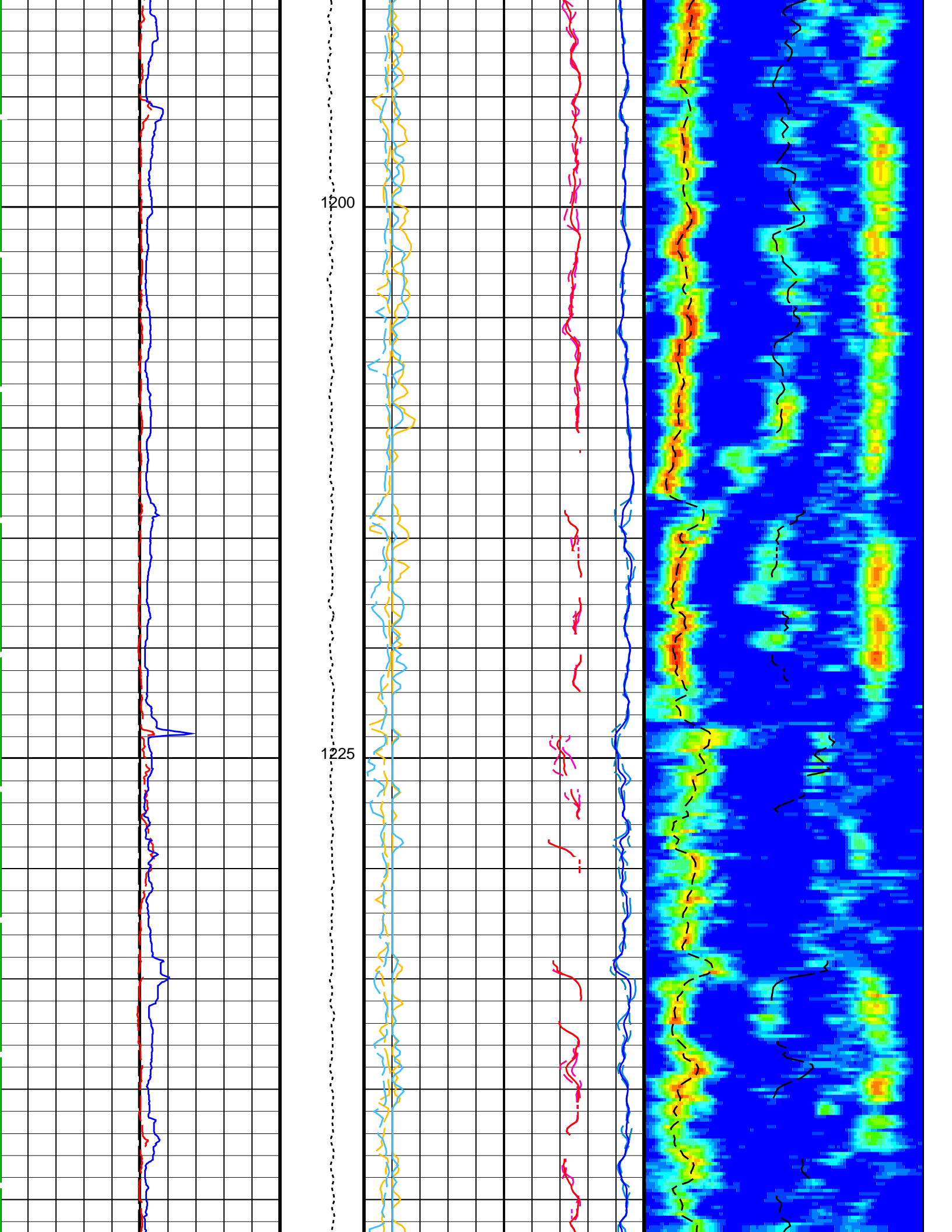


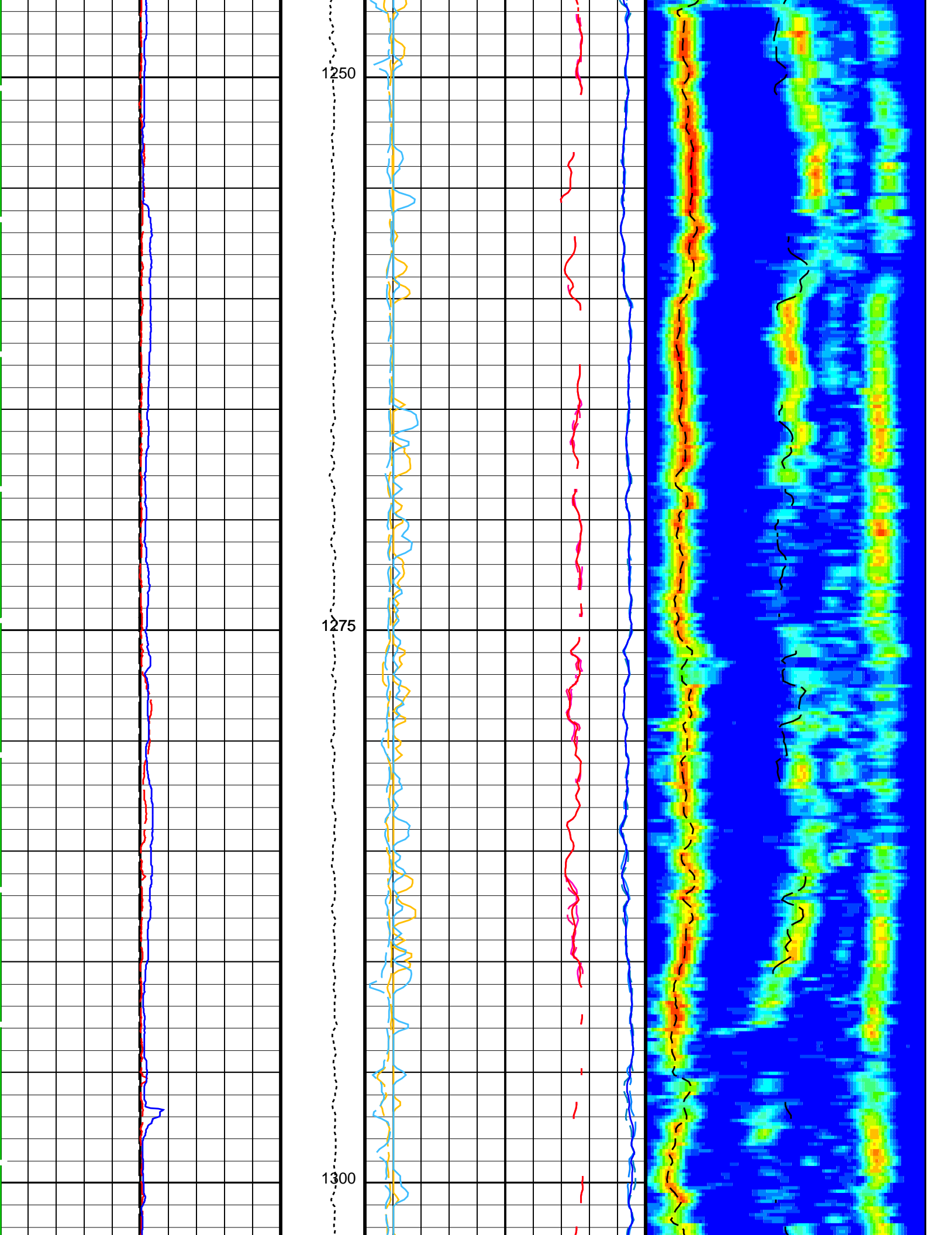


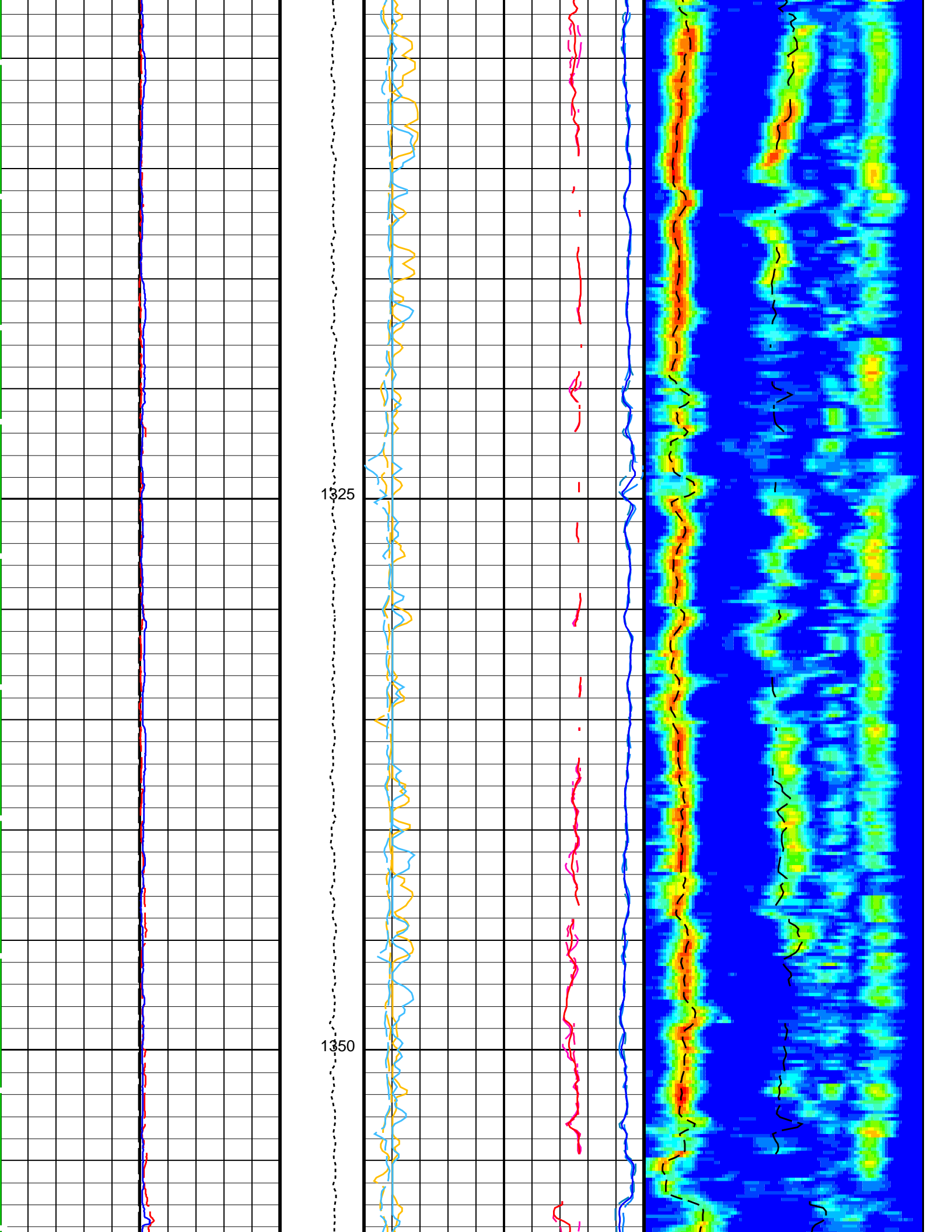


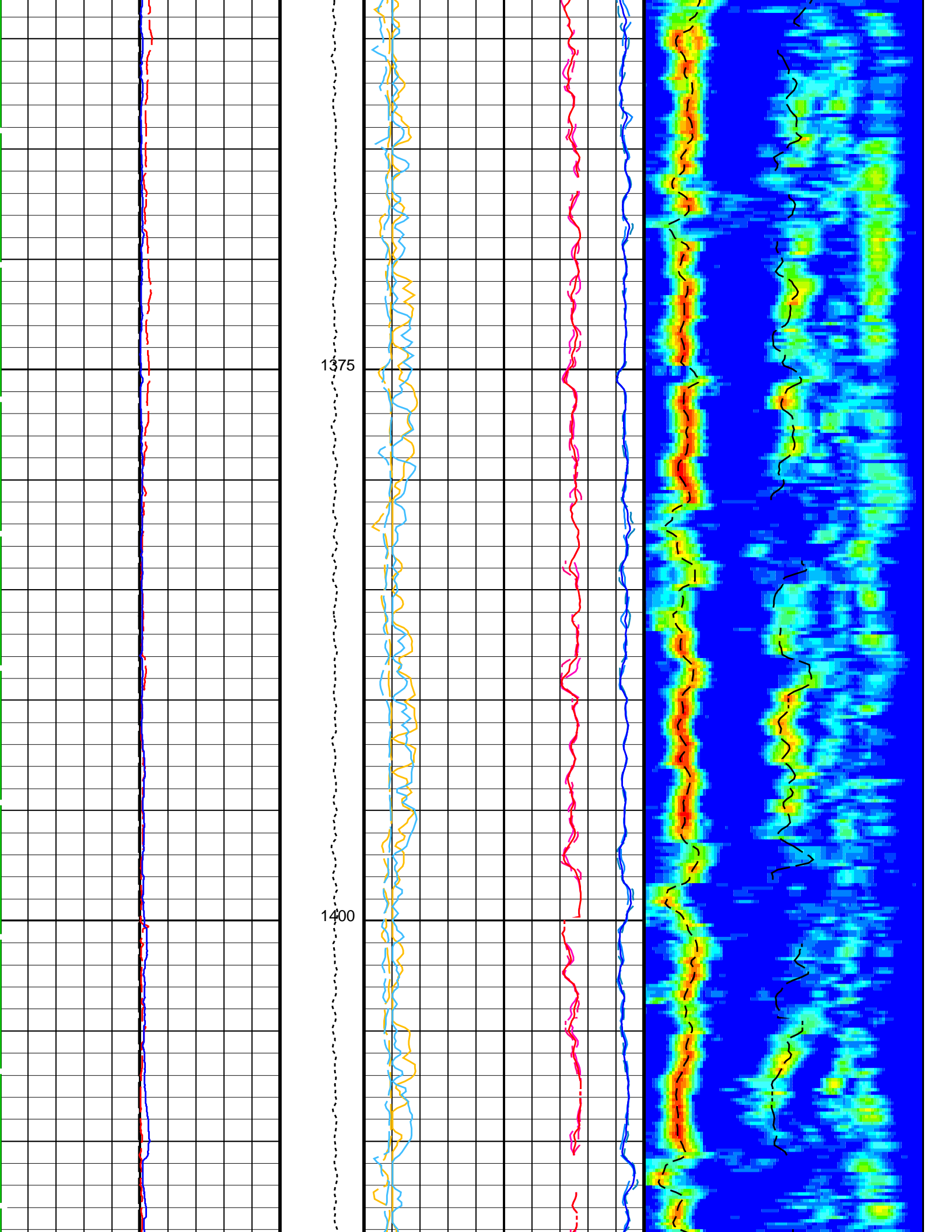


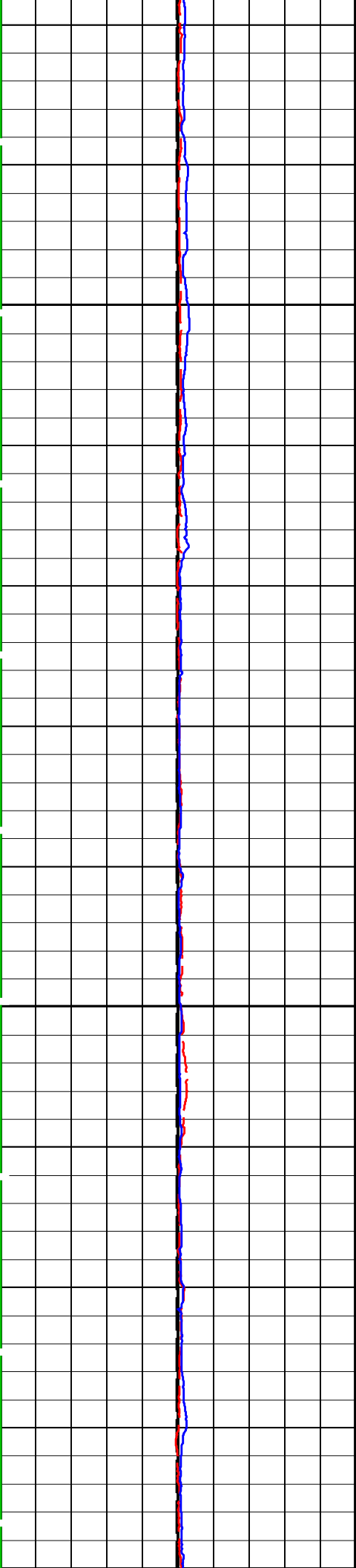






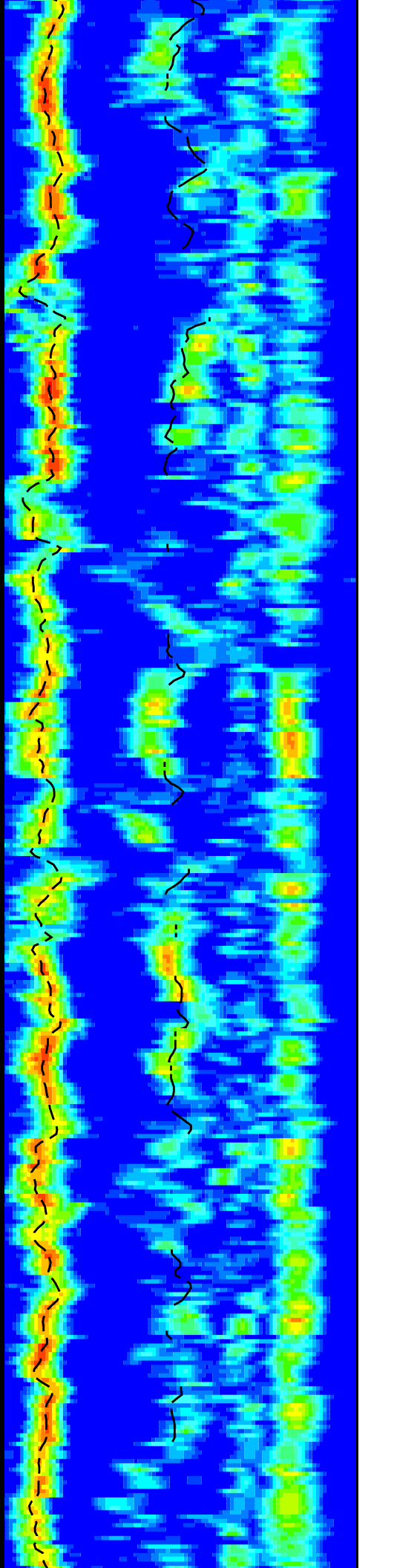
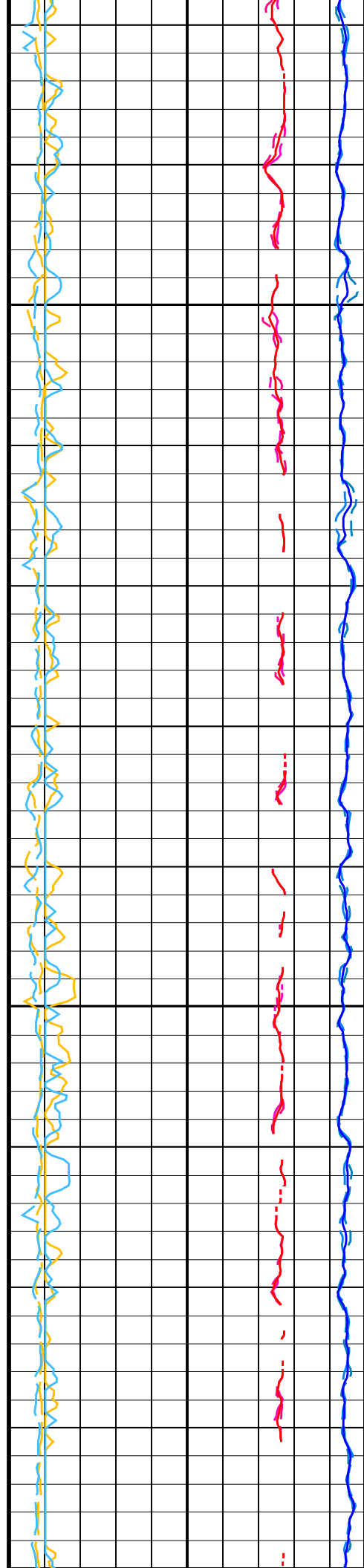


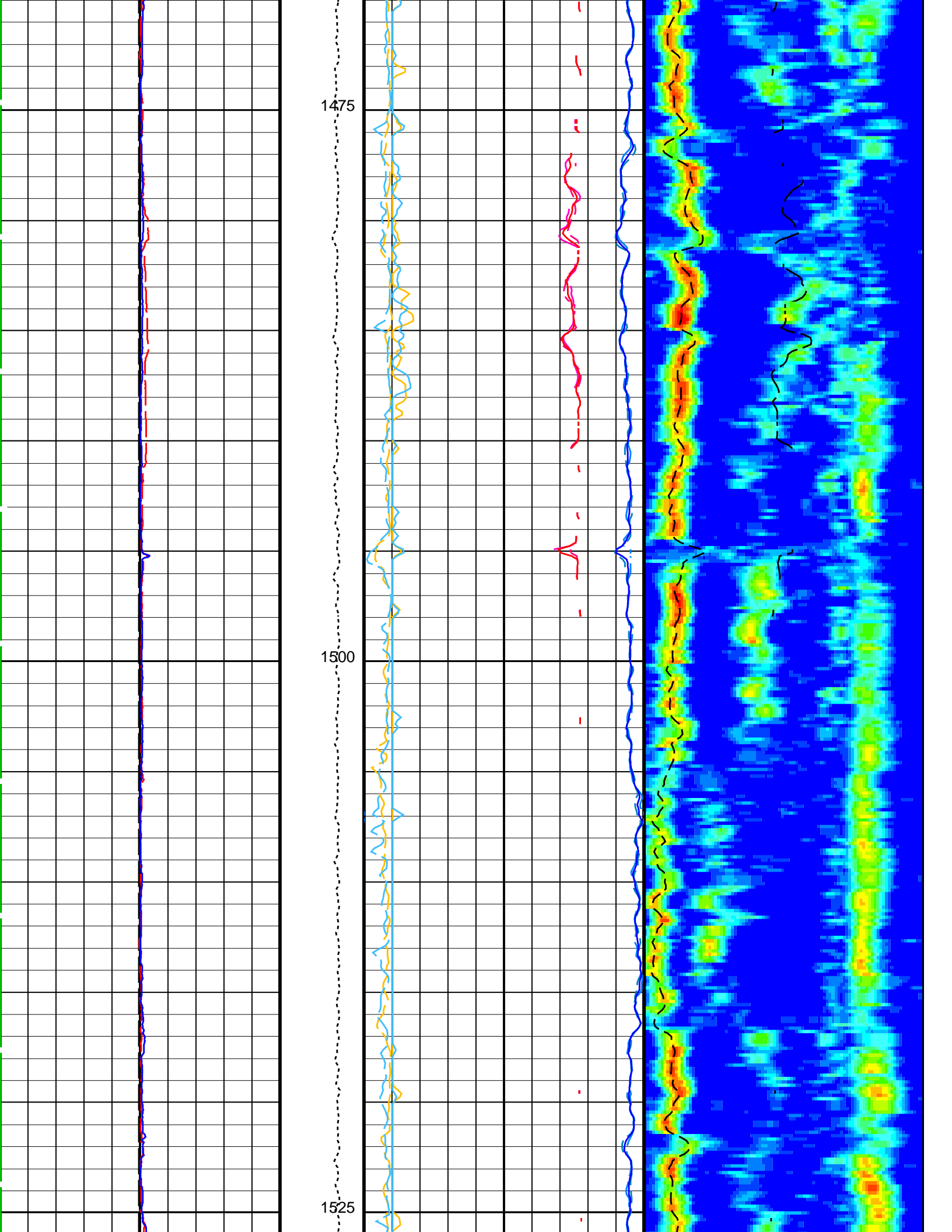


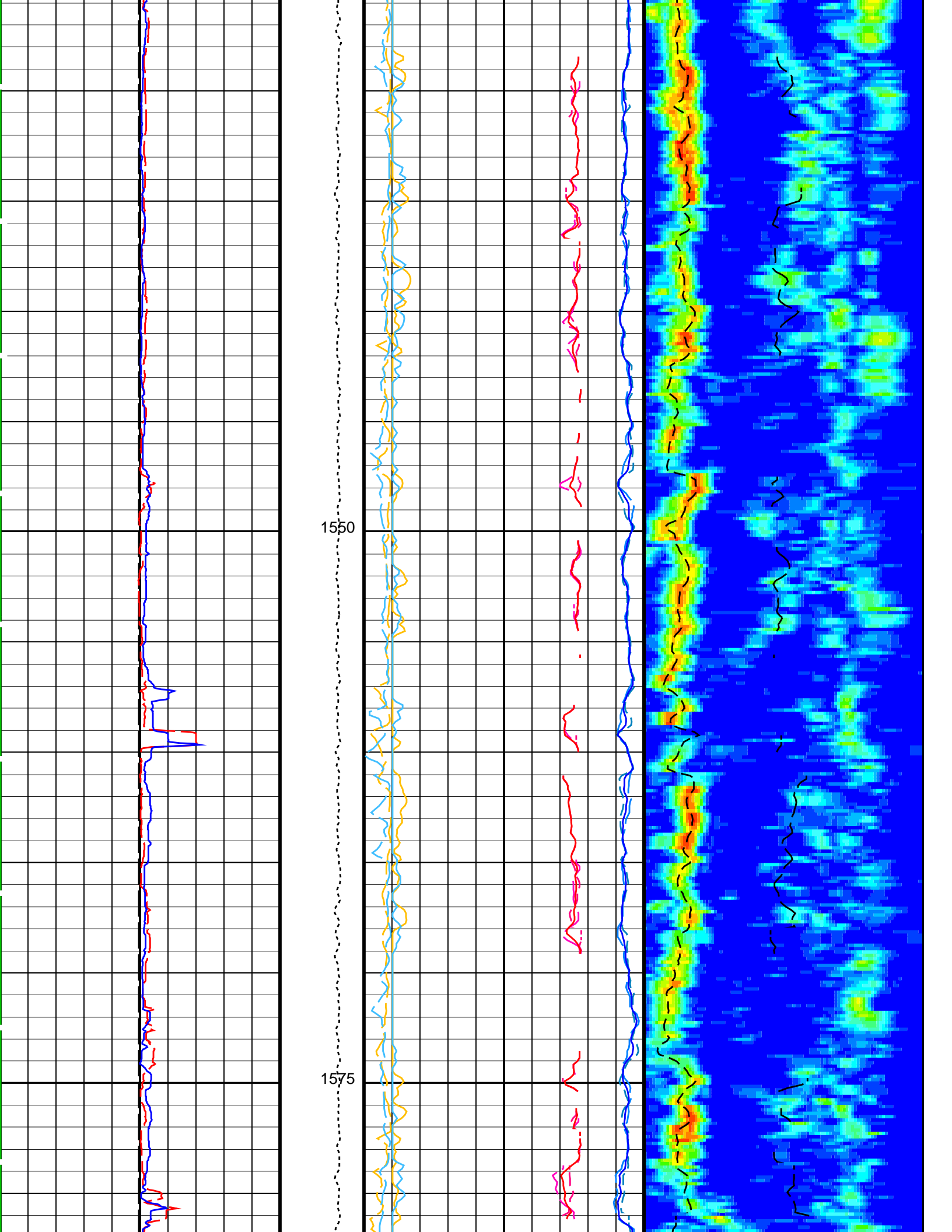


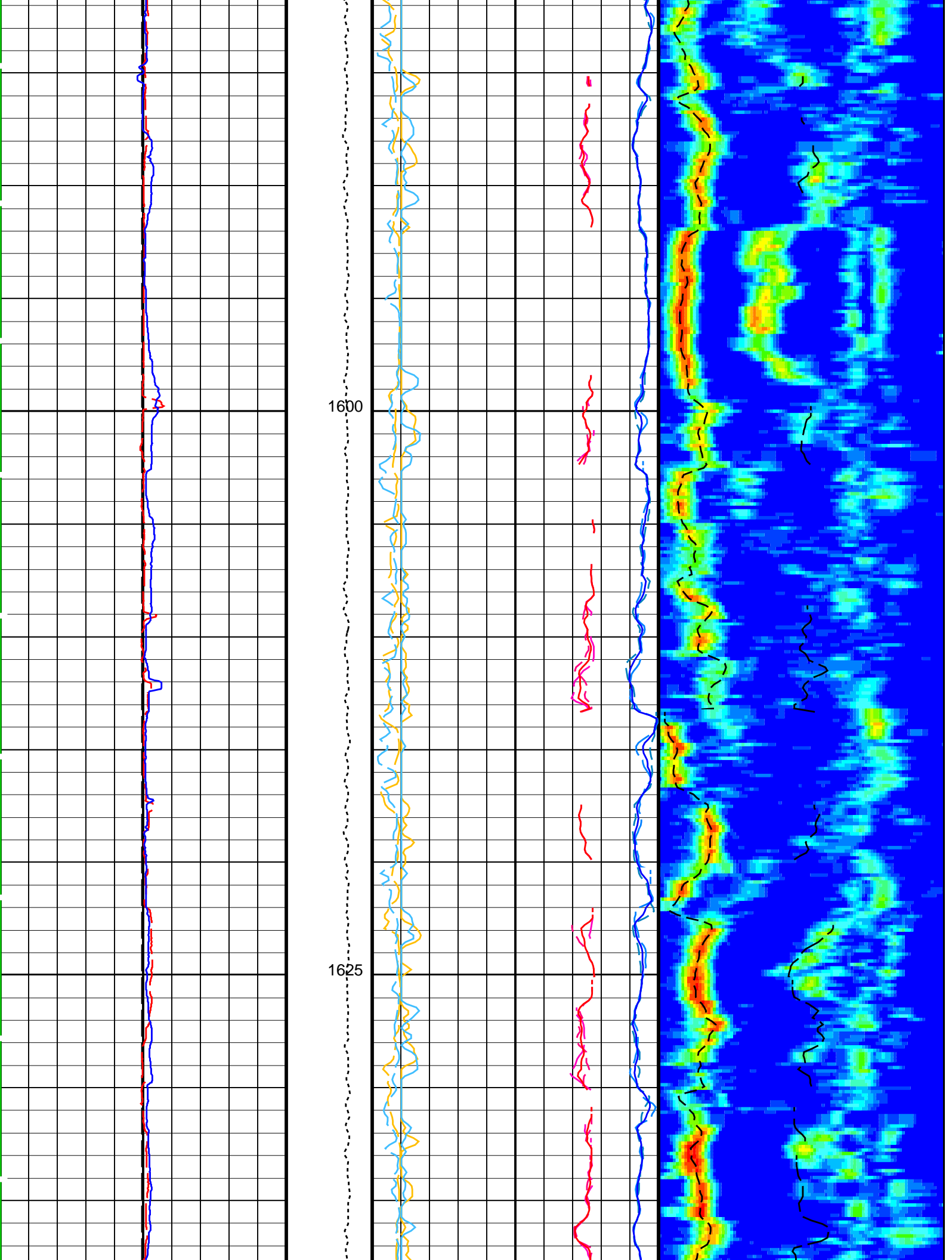
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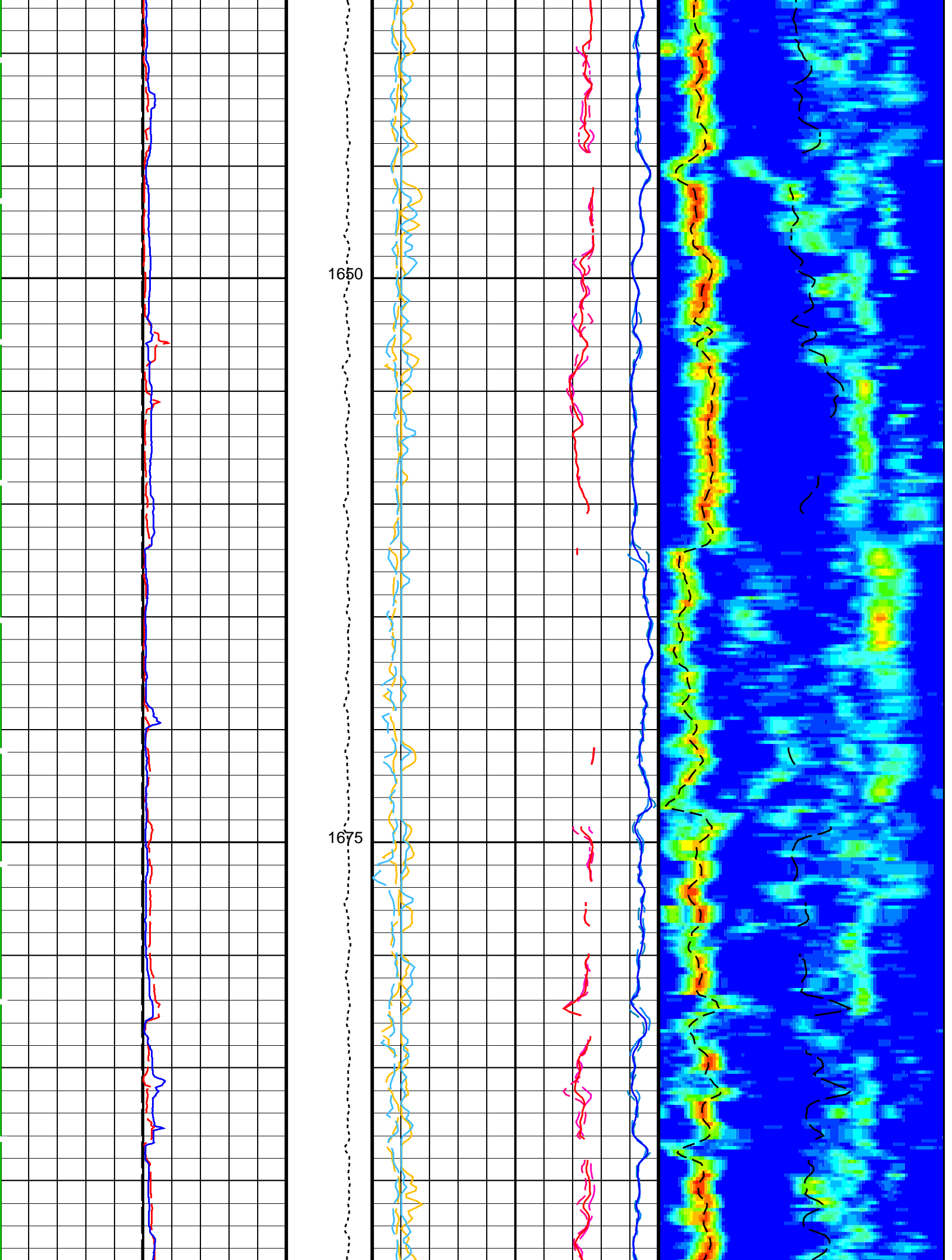


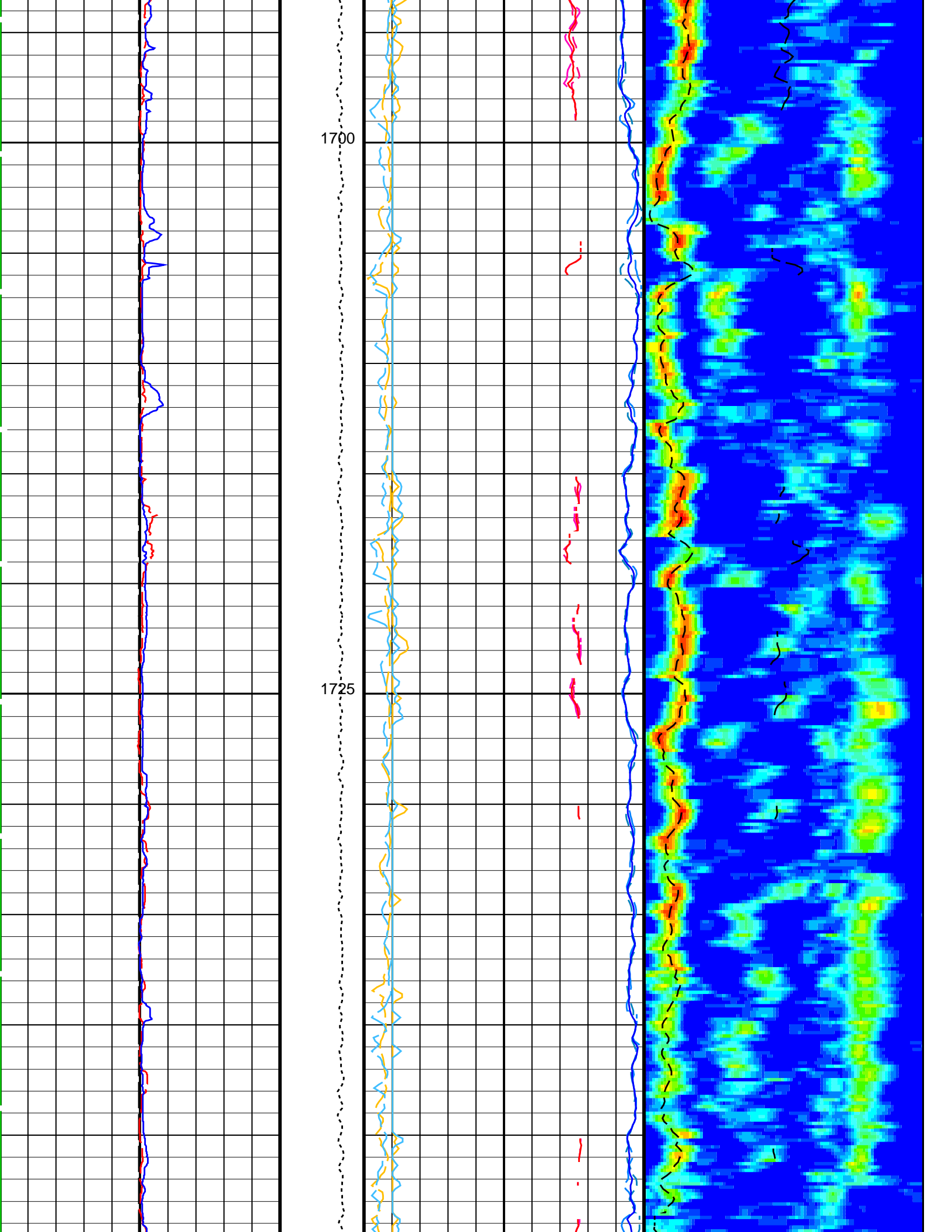


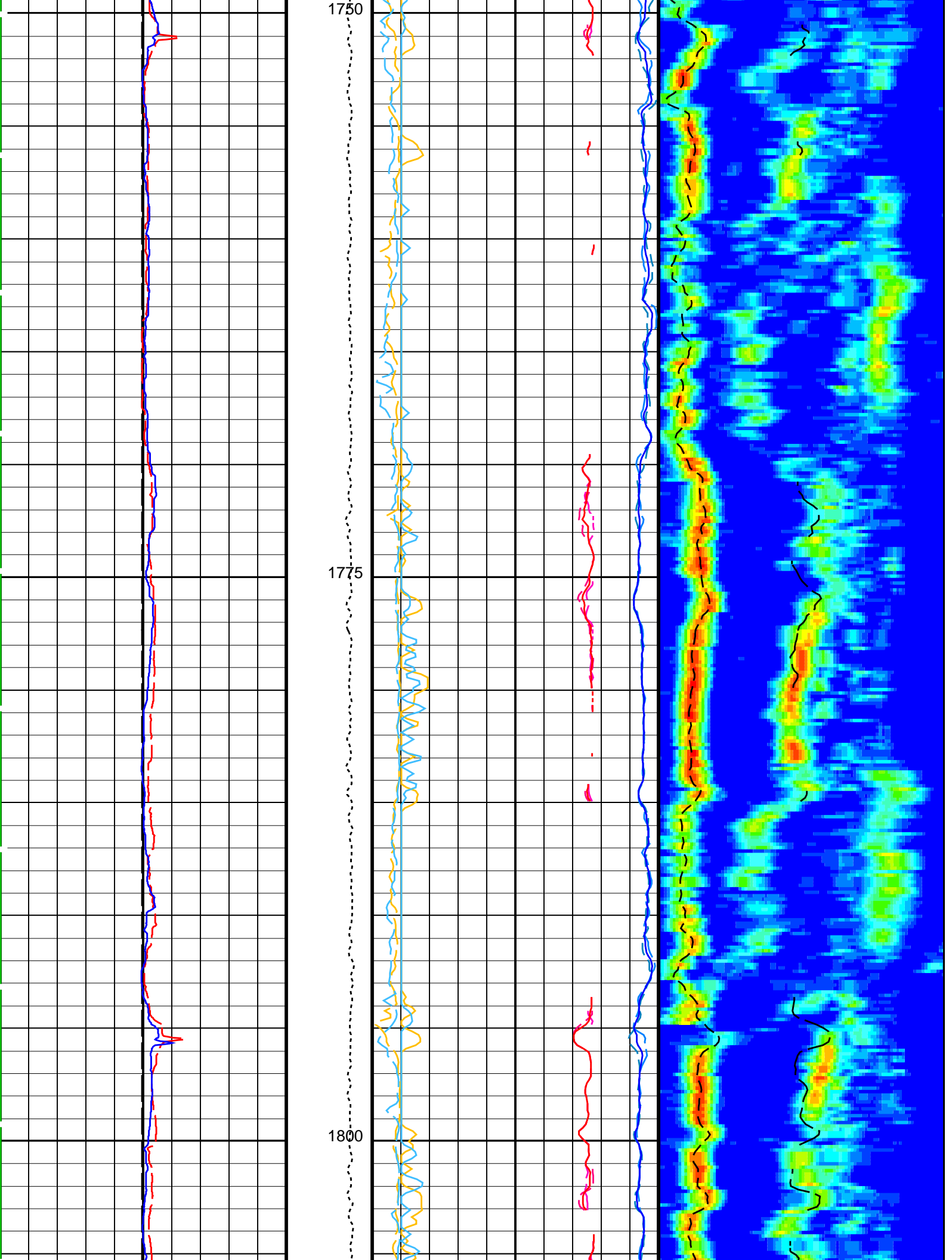


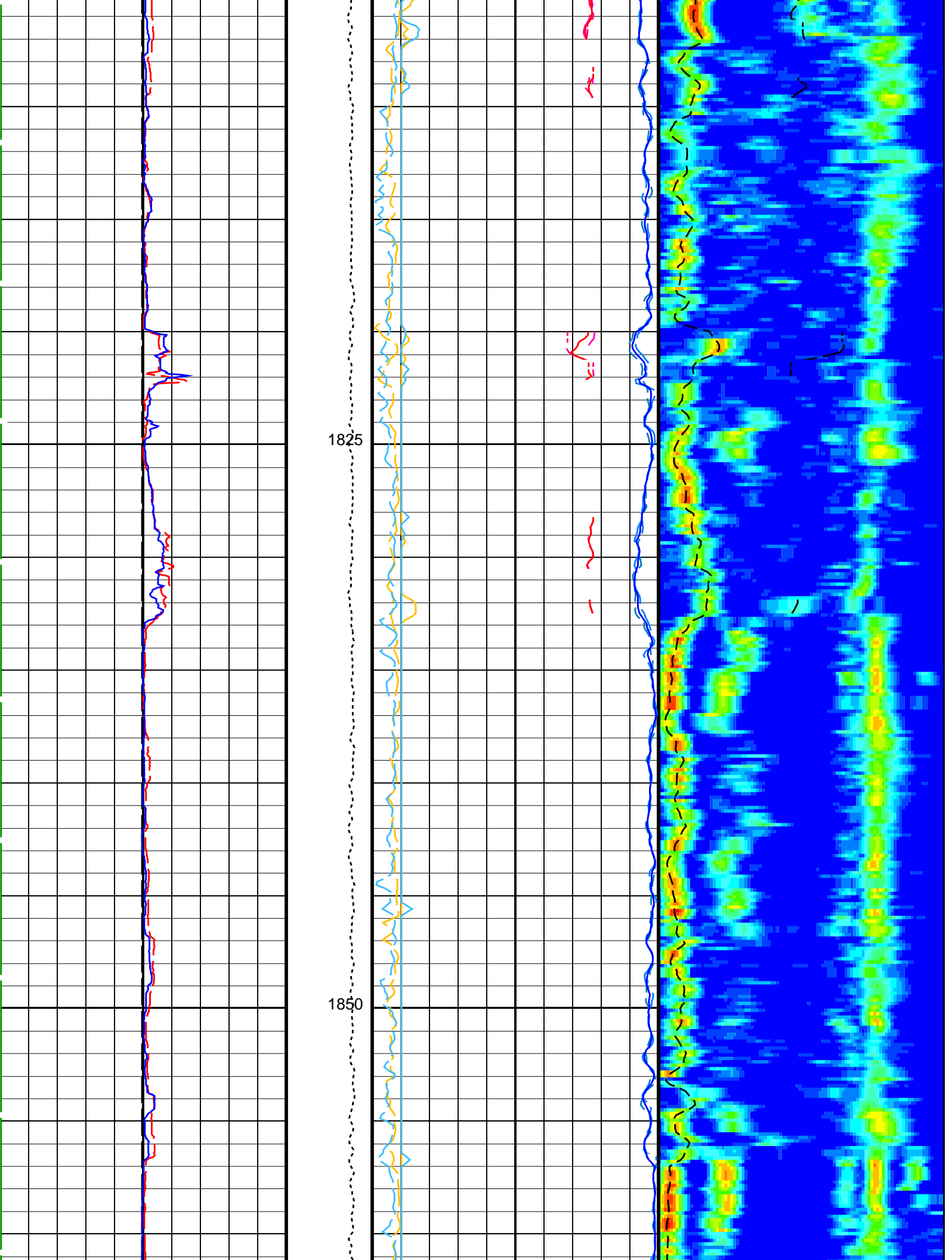


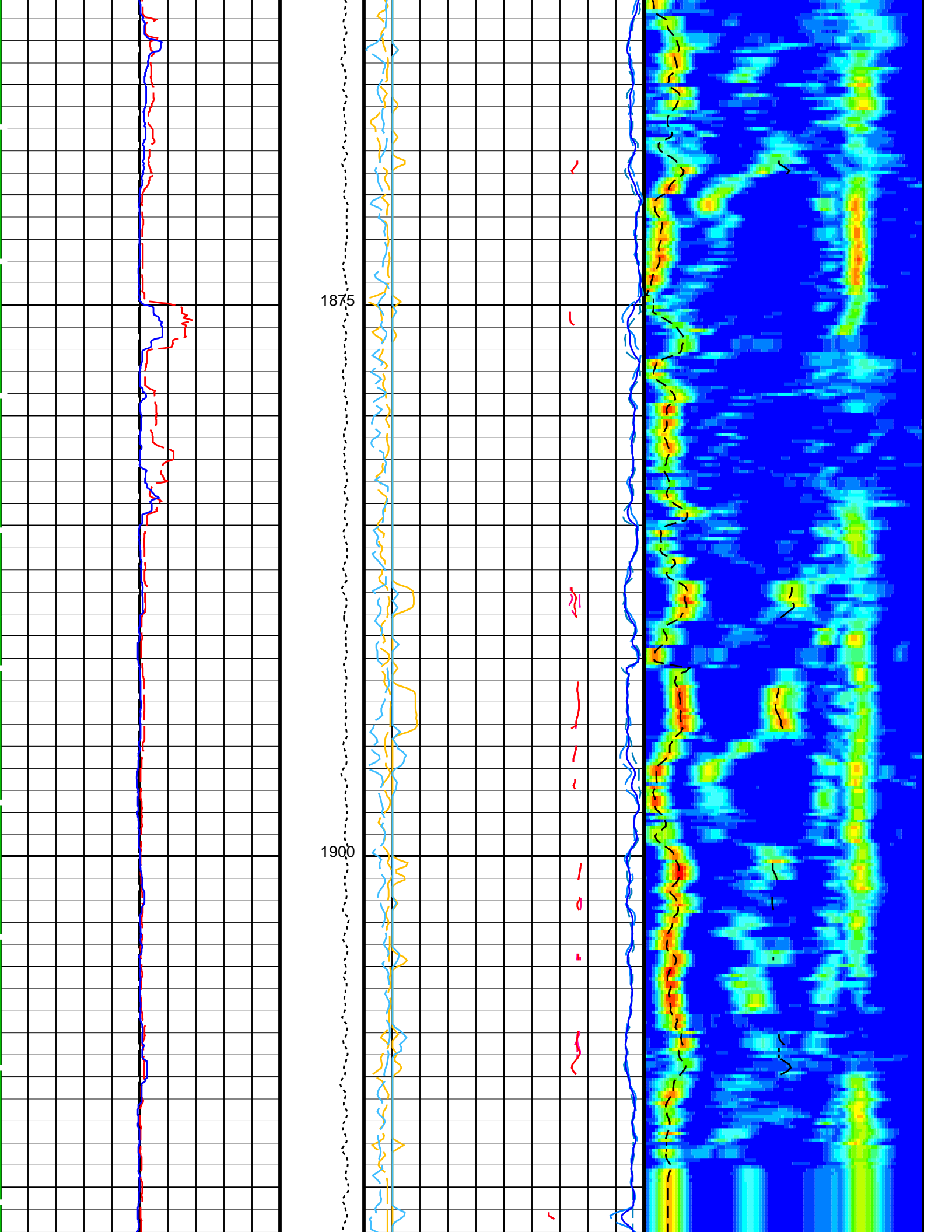


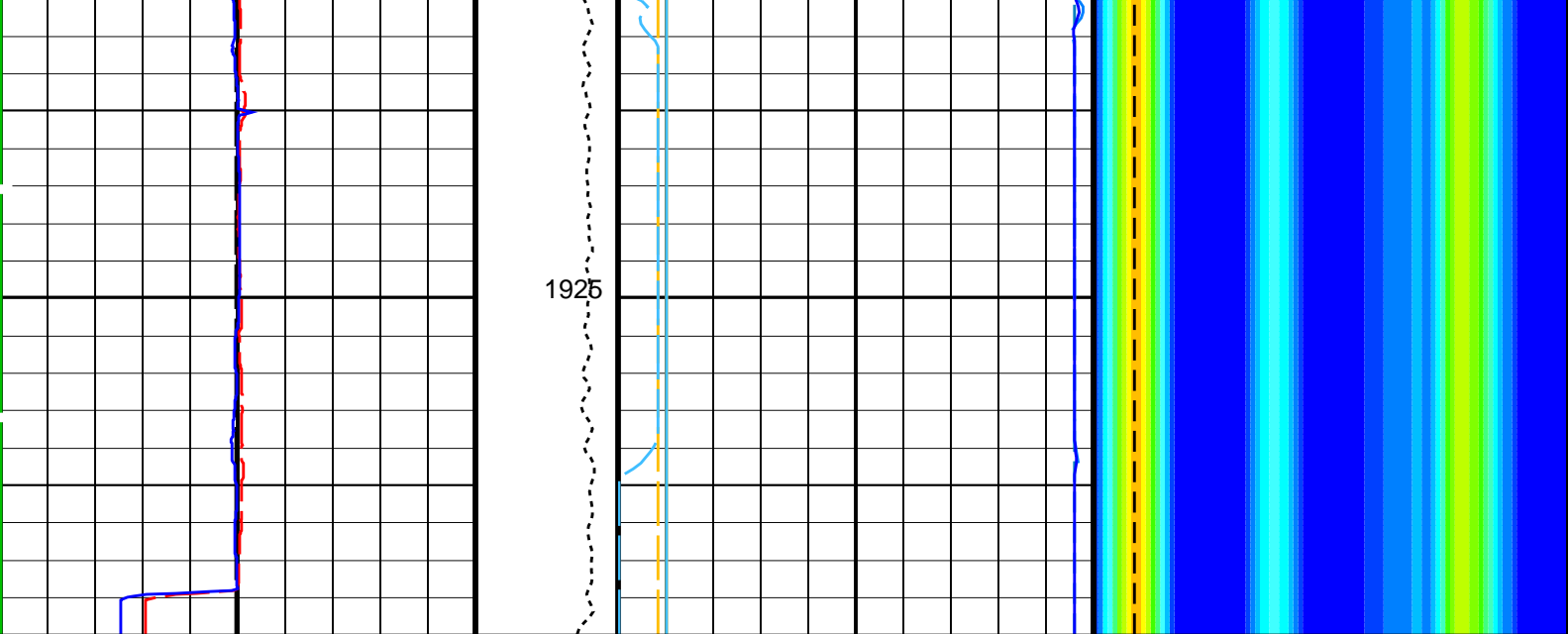












Bit Size (BS) (IN)	Tension (TENS) (LBF)	Peak Coherence / RA - P & S Comp (CHRP)	Delta-T Comp / RA - P & S (DTRP)
0 20	0 5000	0 10	40 240
Caliper 1 (C1) (IN)		Peak Coherence / TA - P & S Comp (CHTP)	Delta-T Shear / RA - P & S (DTRS)
0 20		0 10	40 240
Caliper 2 (C2) (IN)		Peak Coherence / RA - P & S Shear (CHRS)	<div>Min Amplitude Max</div> <div>Rec.Array P&amp;S Slow Proj. CVDL (SPR4)</div> <div>40 240</div>
0 20		-1 9	
Gamma Ray (GR_EDTC) (GAPI)		Peak Coherence / TA - P & S Shear (CHTS)	
0 150		-1 9	
		Delta-T Comp / RA - P & S (DTRP)	
		440 40	
		Delta-T Comp / TA - P & S (DTTP)	
		440 40	
		Delta-T Comp - P & S (DT4P)	
		440 40	
		Delta-T Shear / RA - P & S (DTRS)	
		440 40	
		Delta-T Shear / TA - P & S (DTTS)	
		440 40	
		Delta-T Shear - P & S (DT4S)	
		440 40	

#### 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	110 US/F
DDE4	Digitizing Delay 4	0 US
DDEX	Digitizing Delay X	0 US
DSI4	Digitizer Sample Interval 4	10 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	
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	ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO4	STC Search Band Offset – 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	140	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	240	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	
BHS	HNGS–BA: Hostile Natural Gamma Ray Sonde Borehole Status	OPEN	
BHS	EDTC–B: Enhanced DTS Cartridge Borehole Status	OPEN	
BS	System and Miscellaneous Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST\_P\_S\_VDL\_COLOR      Vertical Scale: 1:200      Graphics File Created: 30-May-2023 17:03

## 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

## Input DLIS Files

DEFAULT	FMS_DSI_NGS_097LUP	FN:93	PRODUCER	27–May–2023 20:16	1934.0 M	859.9 M
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## Output DLIS Files

DEFAULT	FMS_DSI_NGS_123PUP	FN:117	PRODUCER	30–May–2023 17:03		
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## Input DLIS Files

DEFAULT	FMS_DSI_NGS_097LUP	FN:93	PRODUCER	27–May–2023 20:16	1934.0 M	859.9 M
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## Output DLIS Files

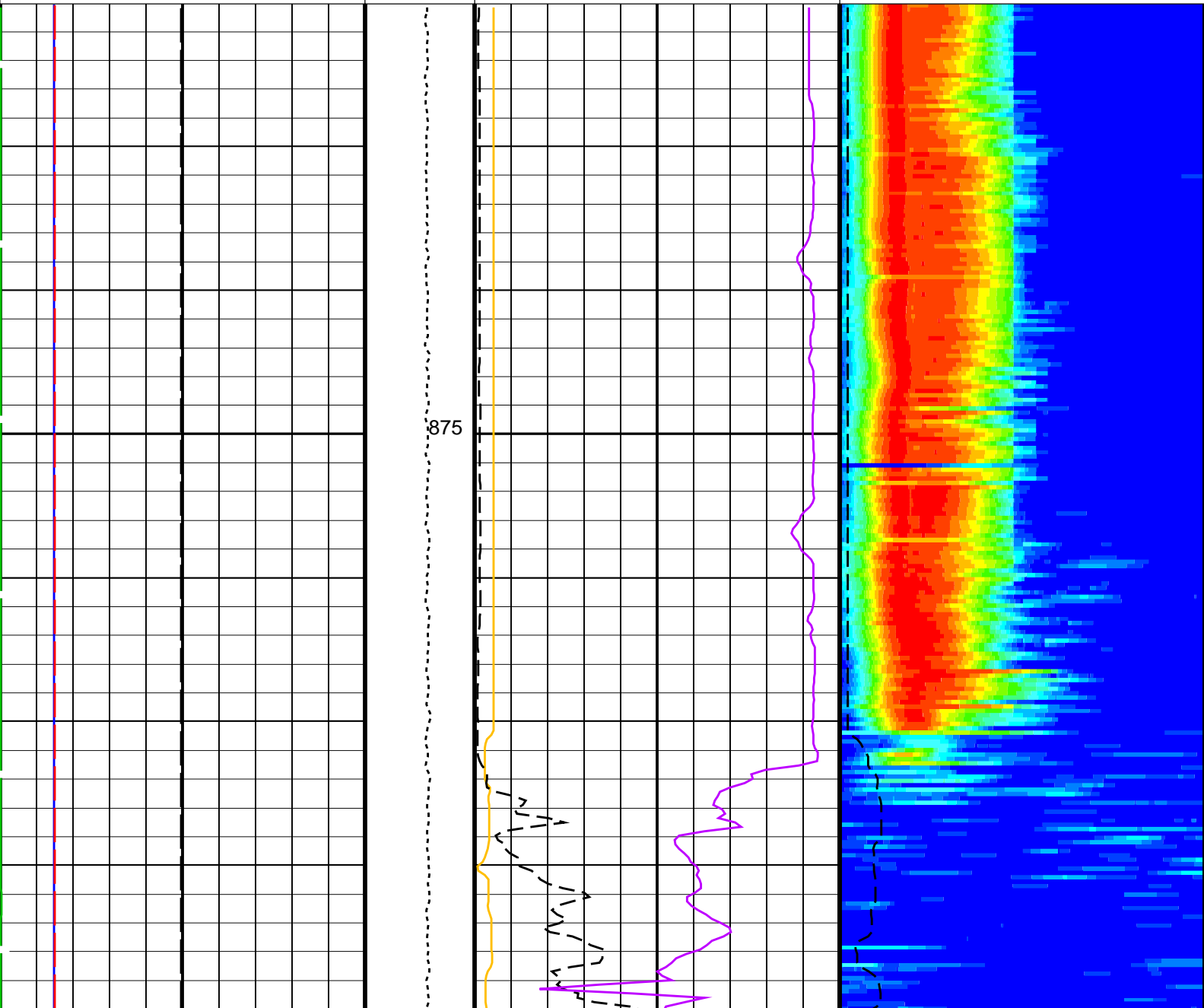
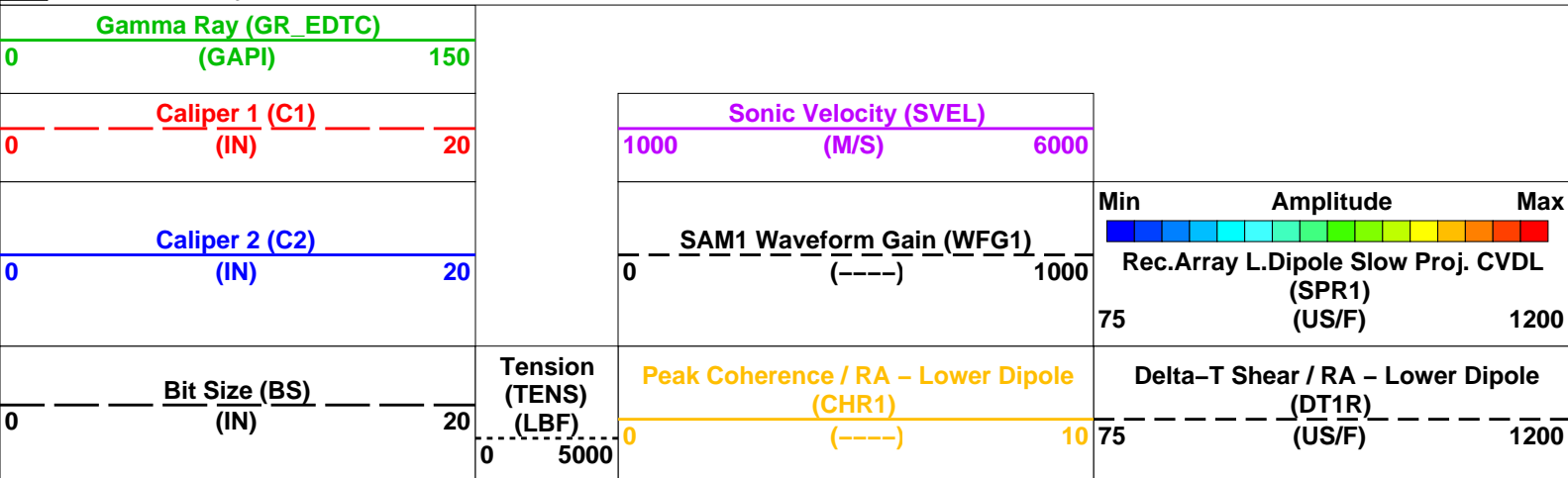
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OP System Version: 19C0-187

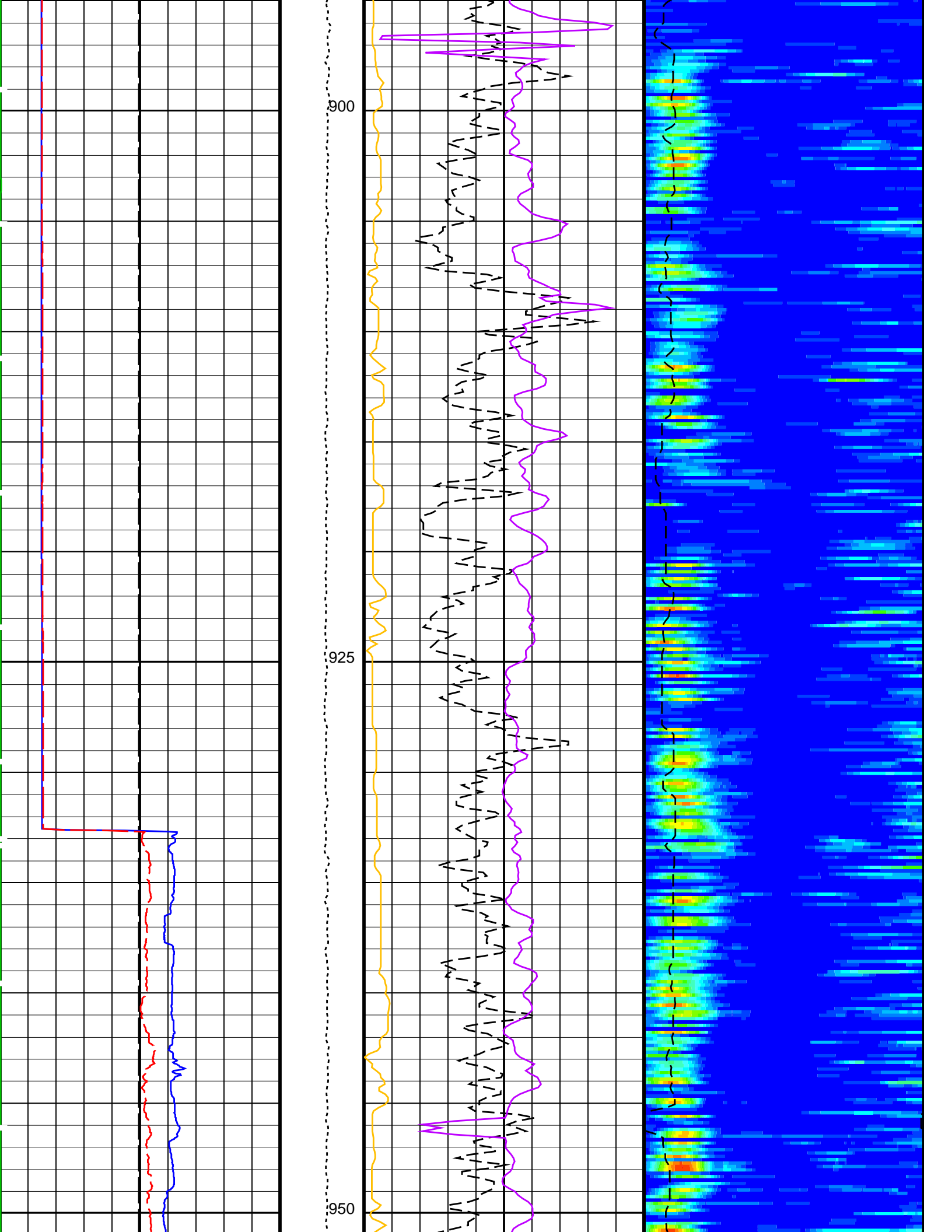
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DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

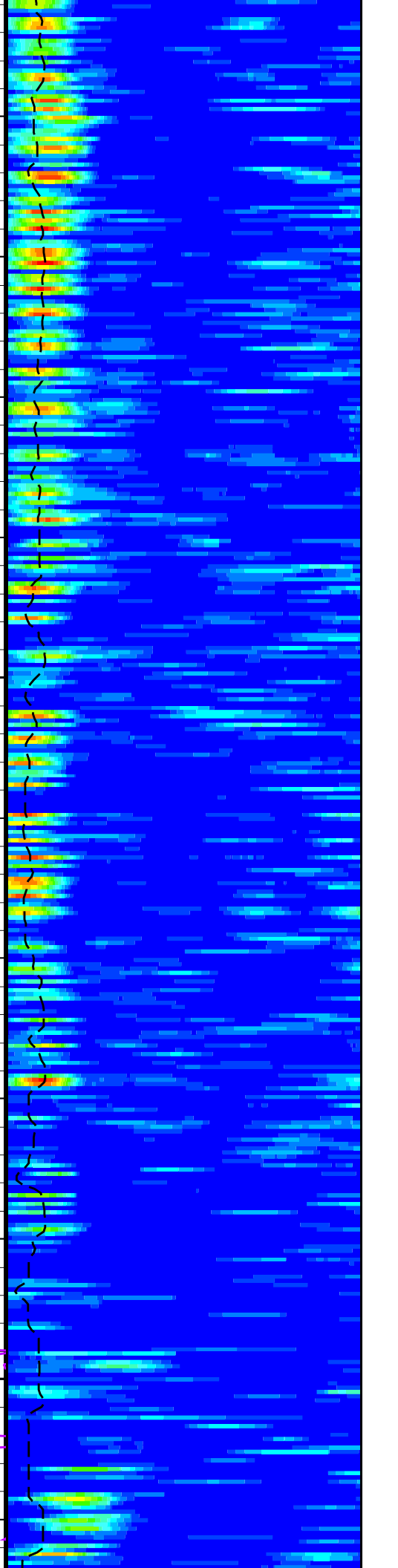
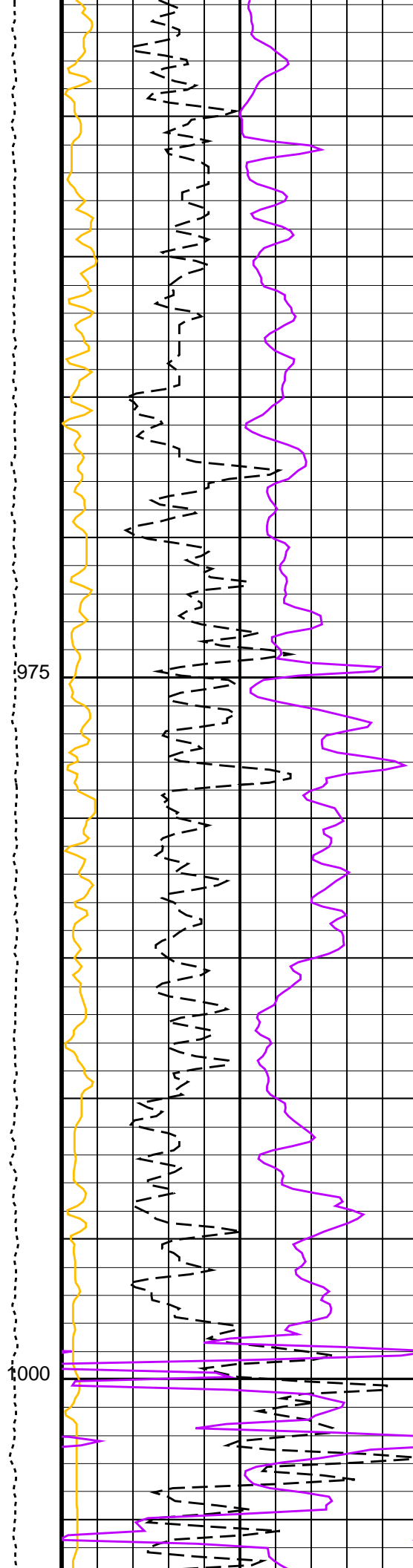
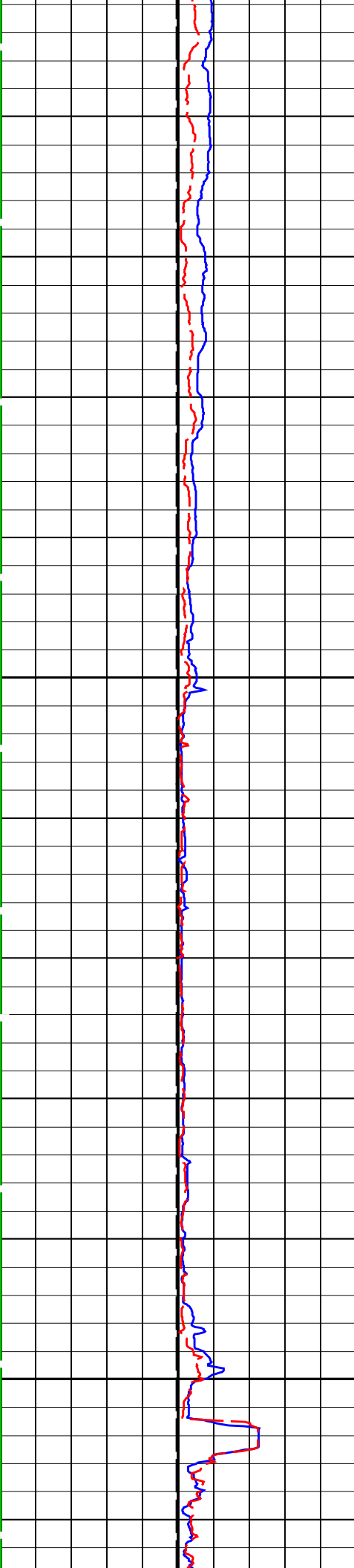
PIP SUMMARY

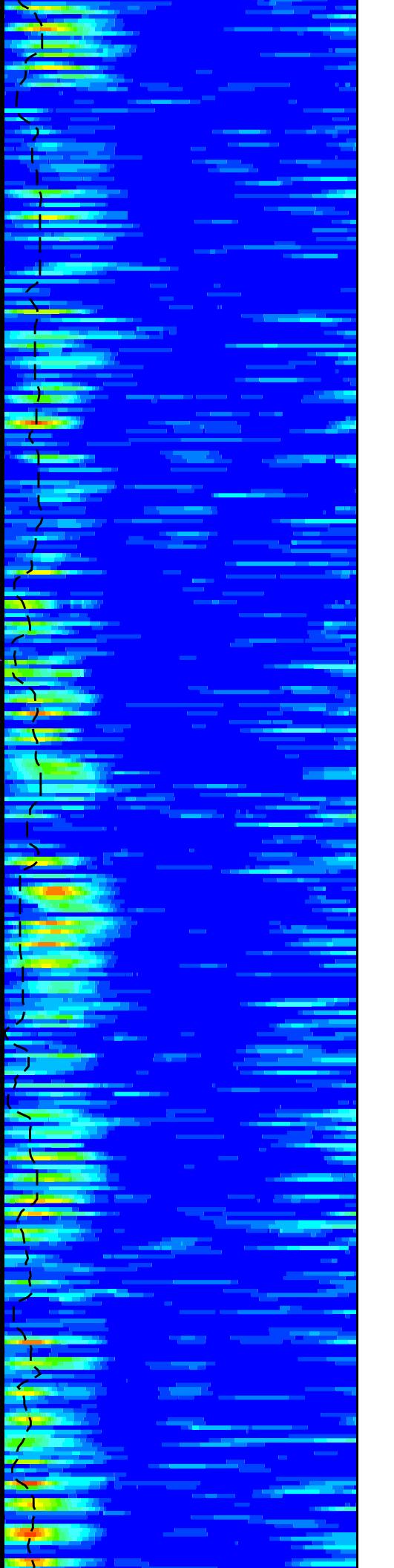
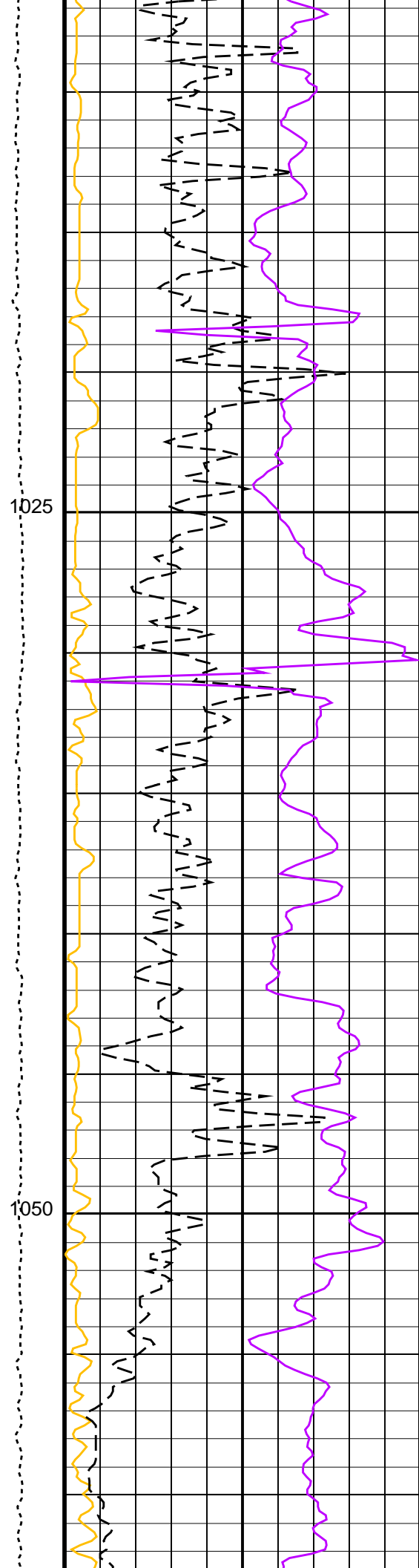
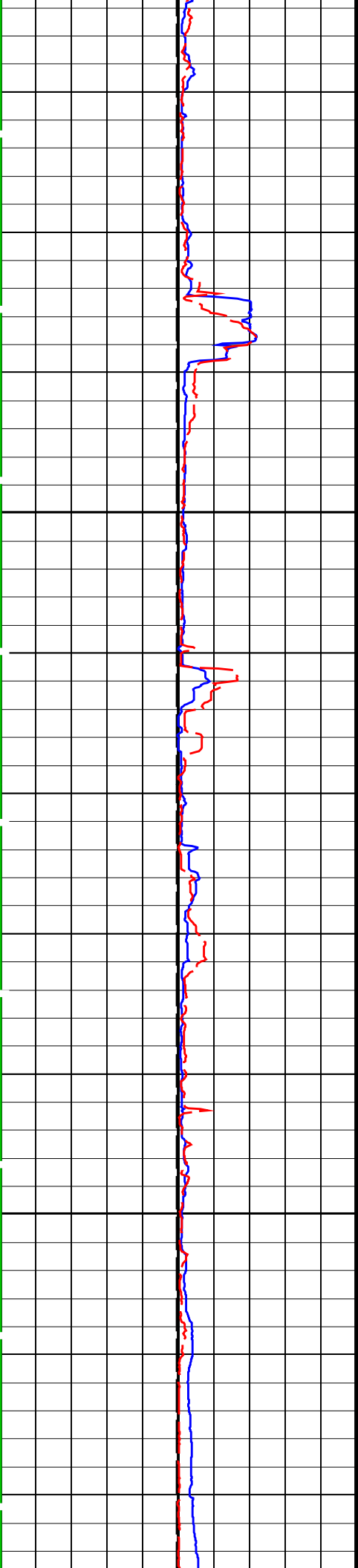
Time Mark Every 60 S

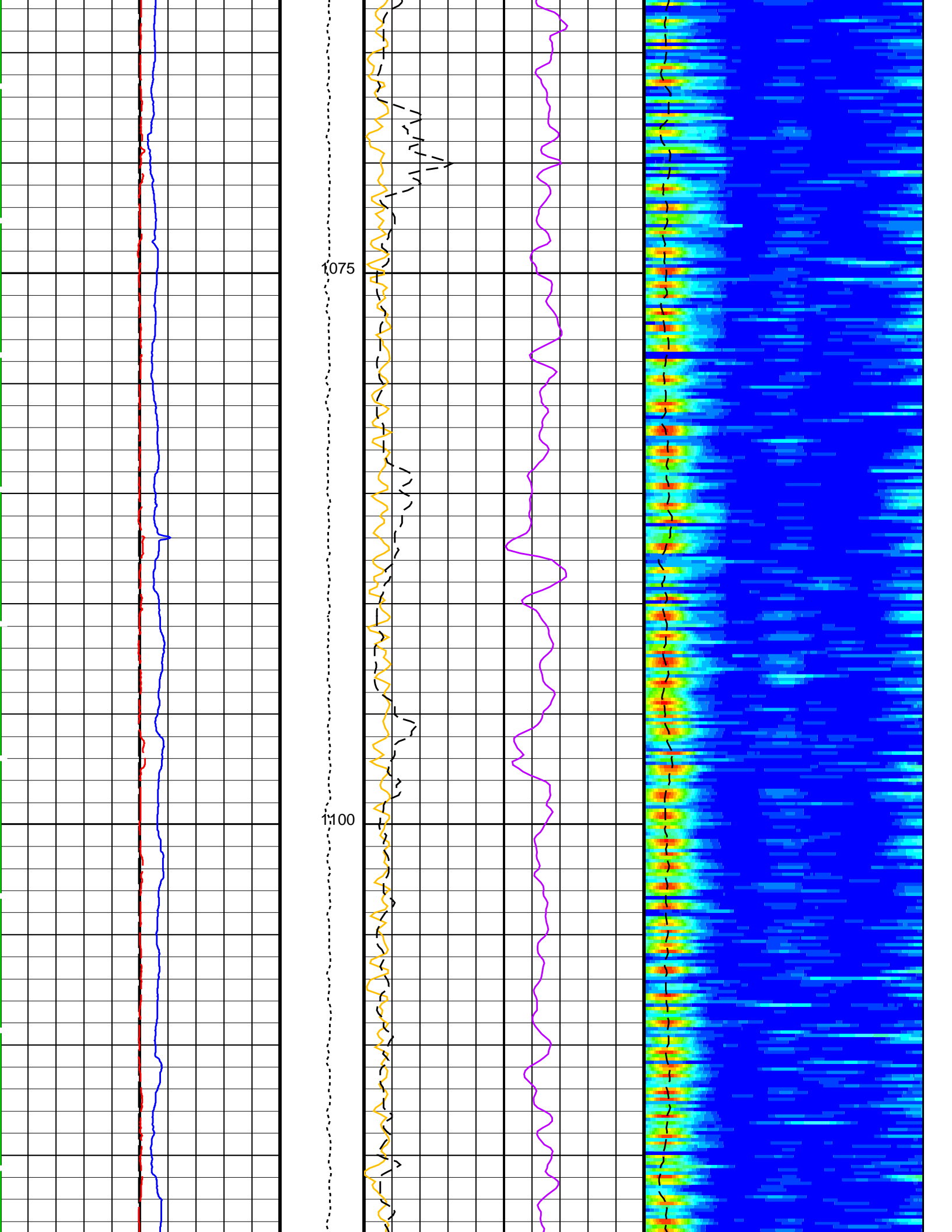


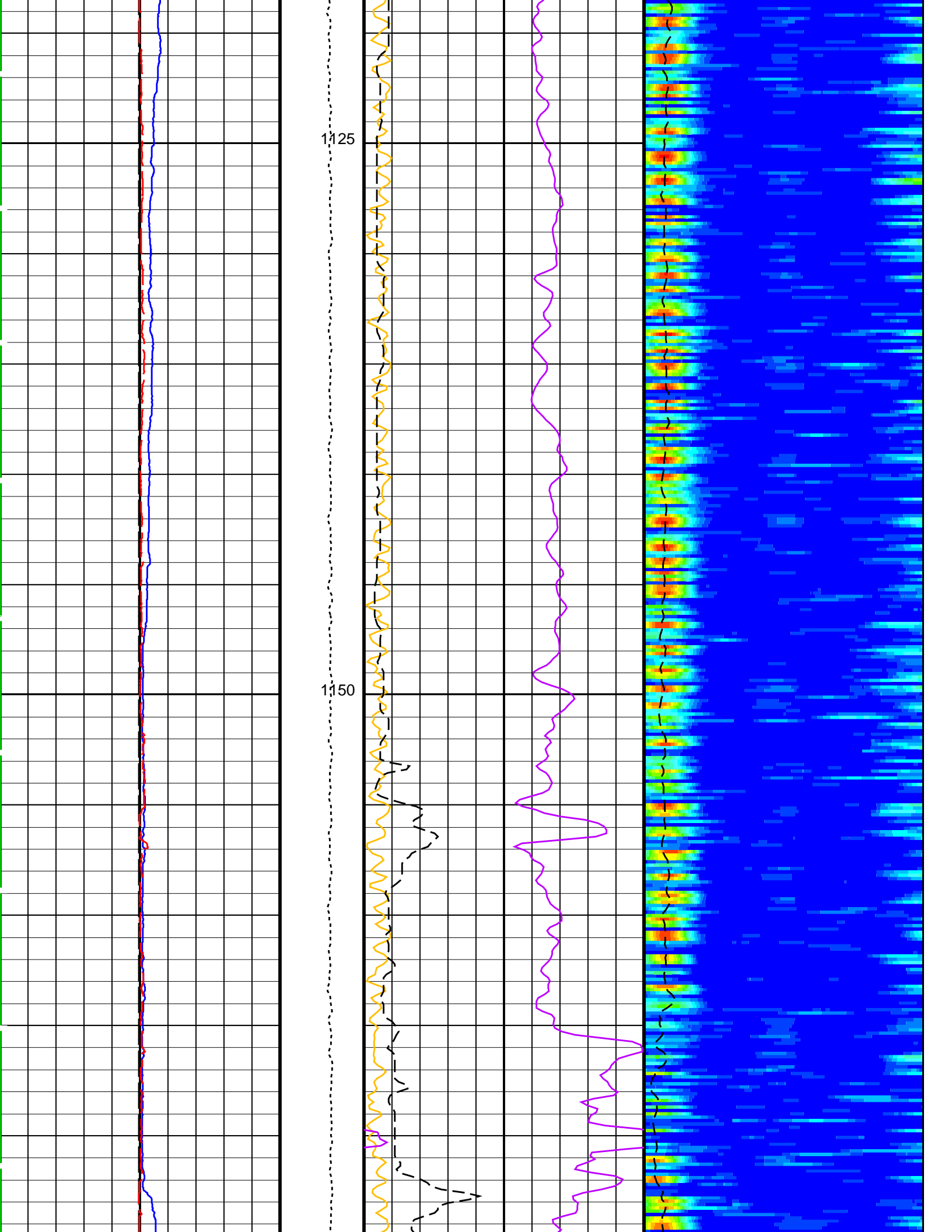


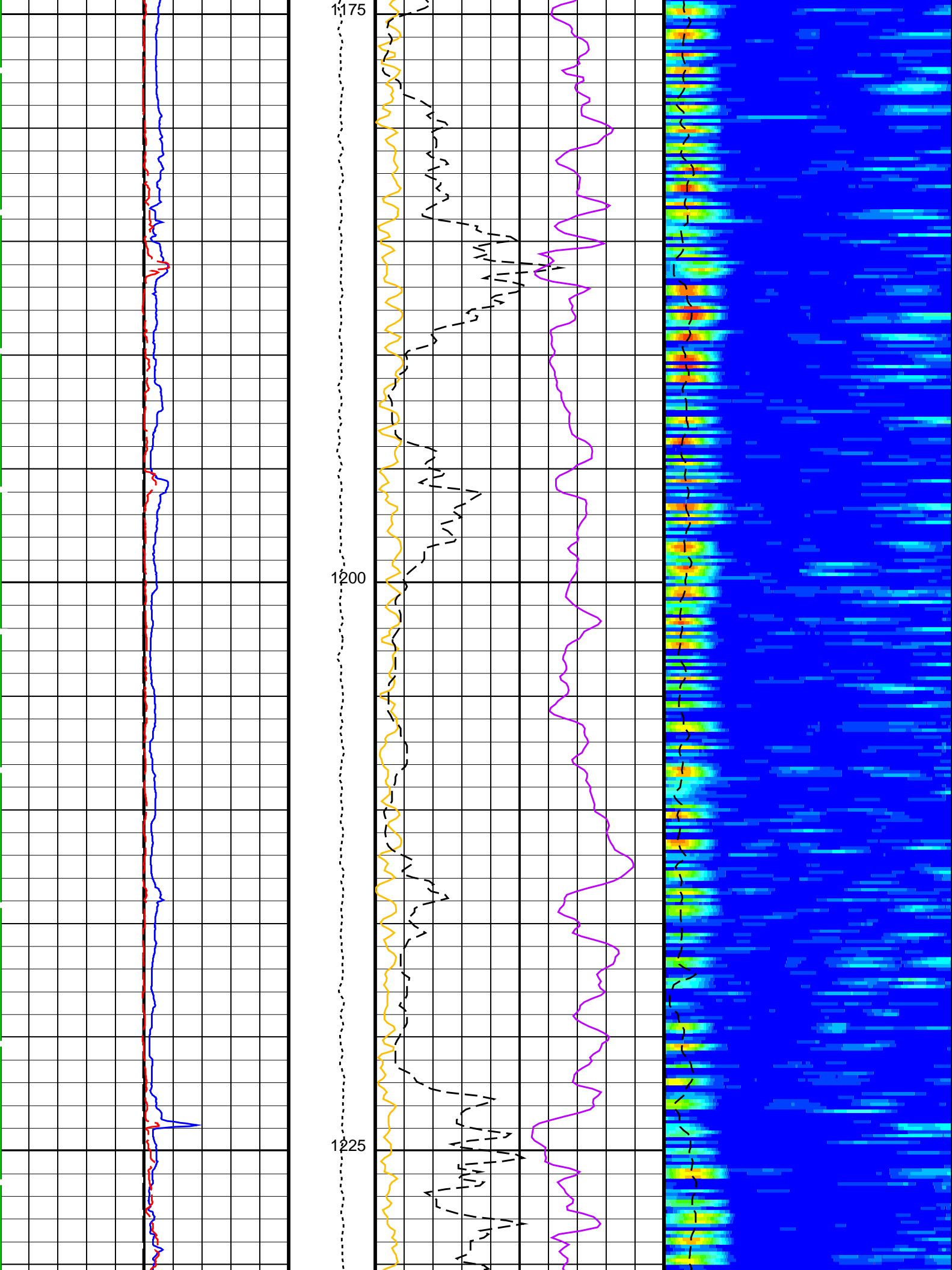


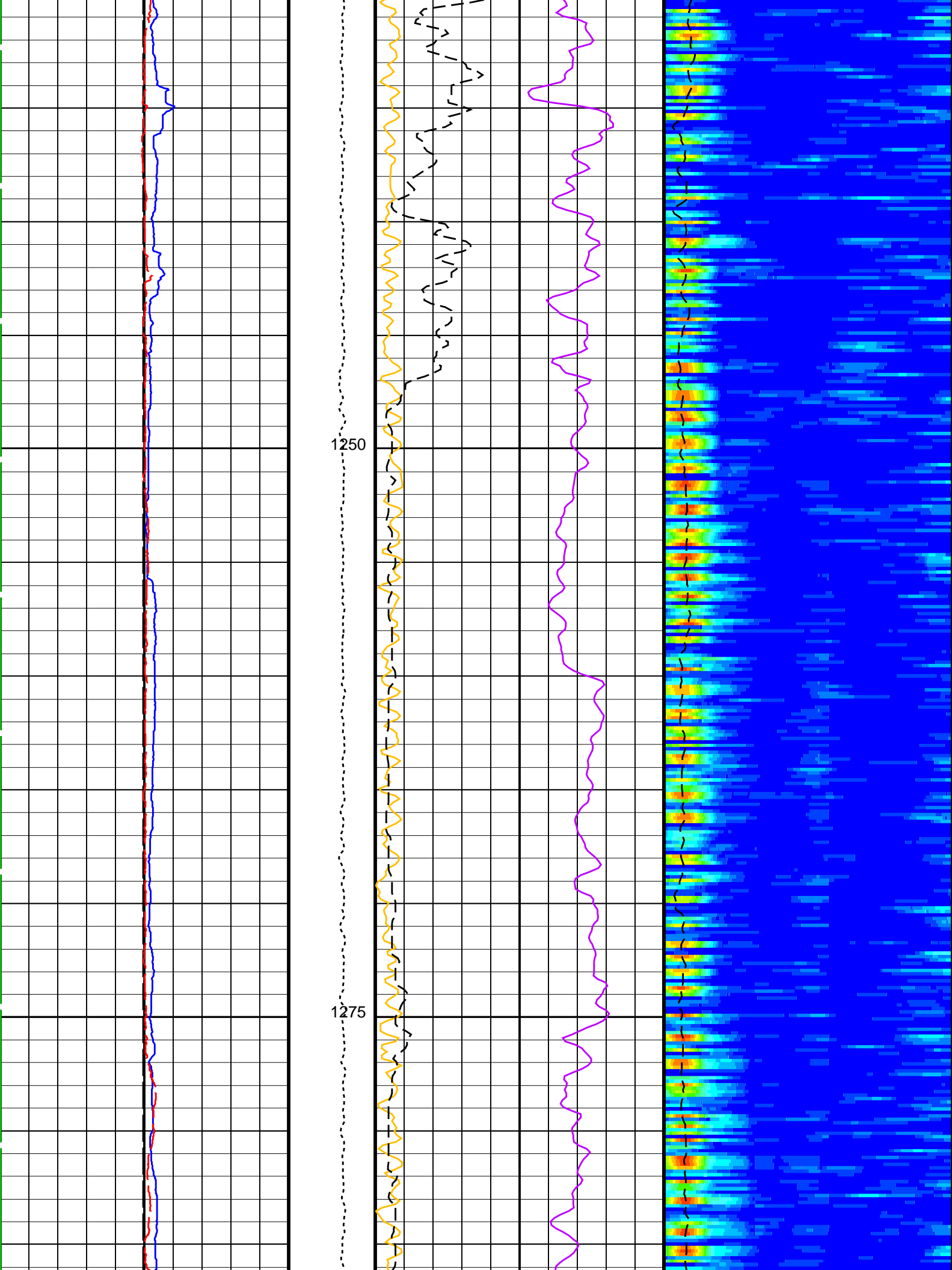


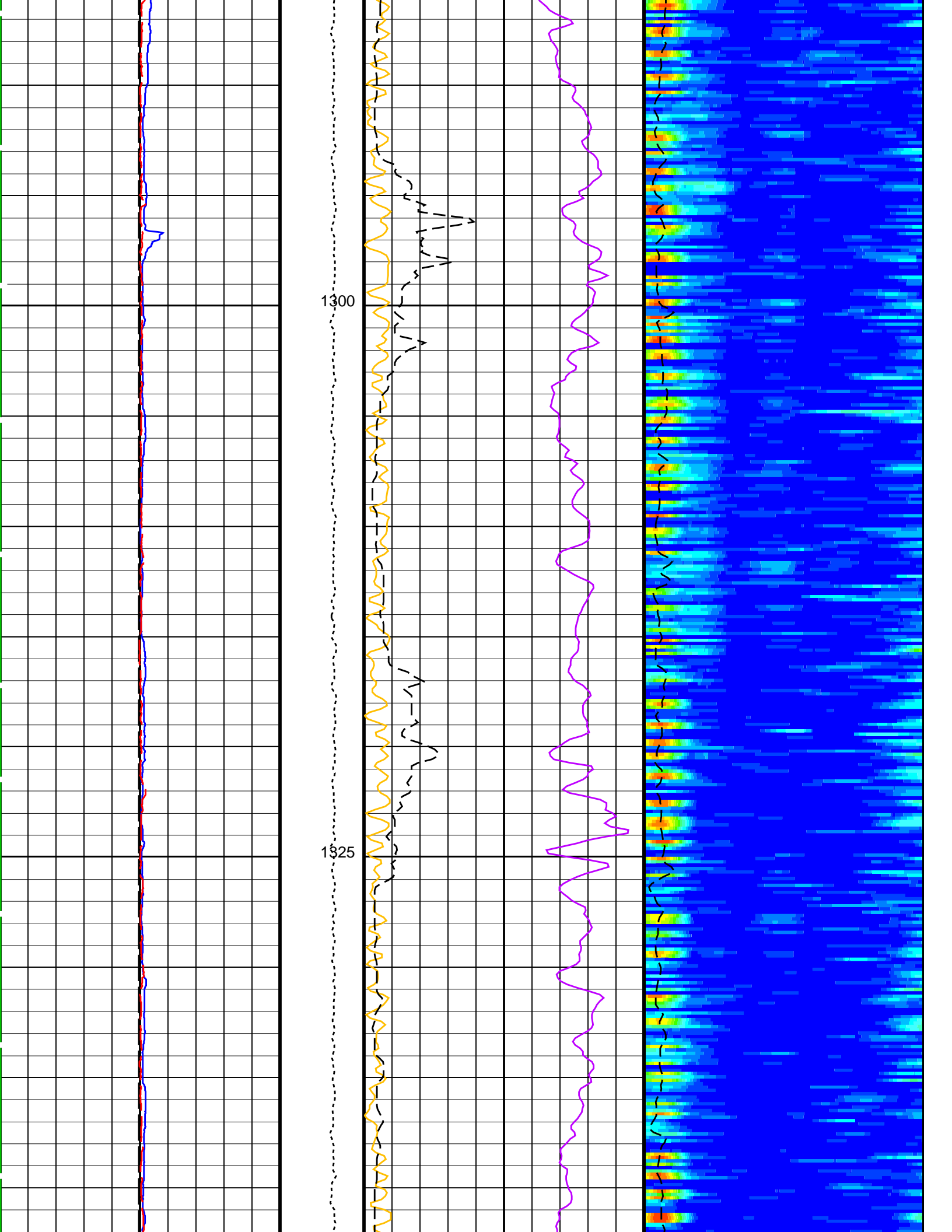




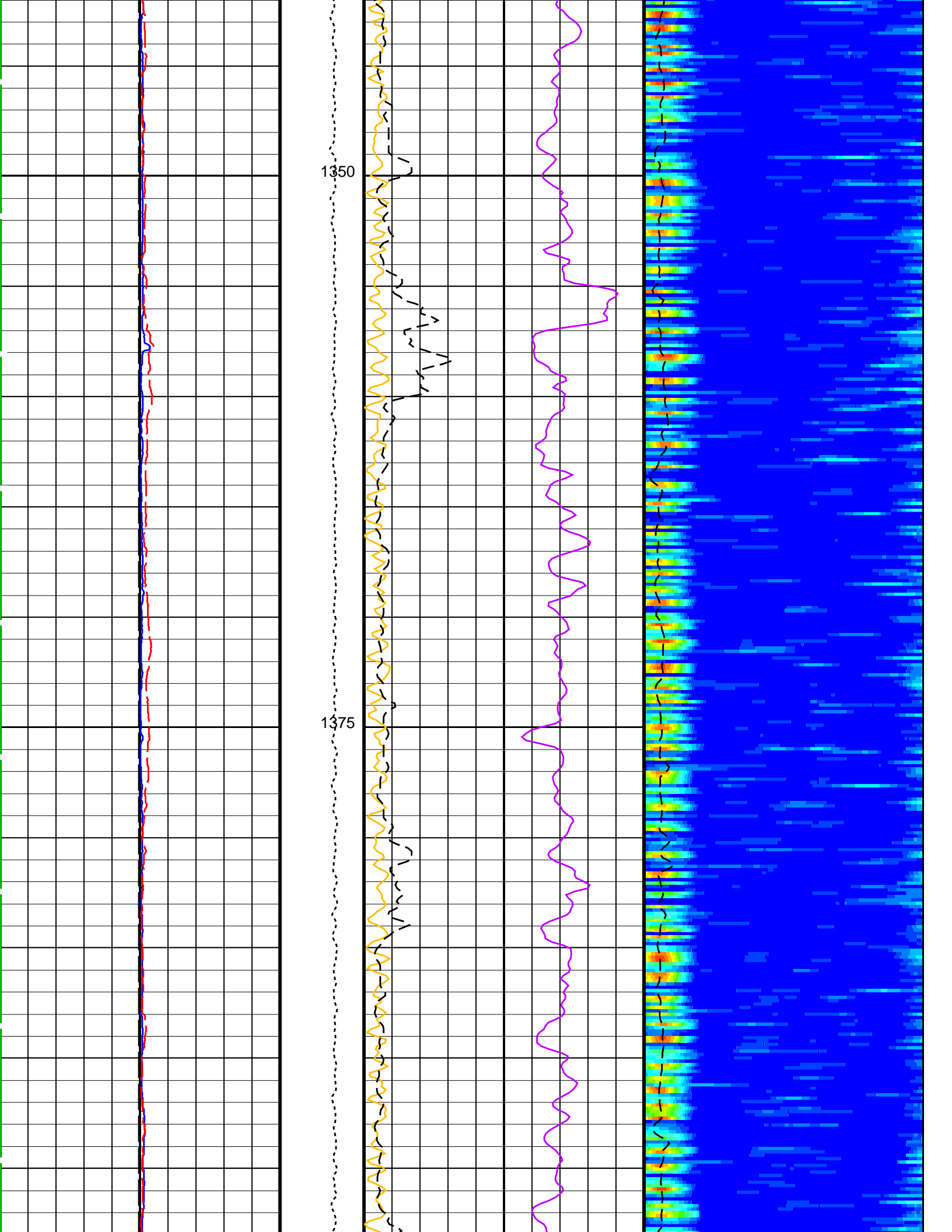


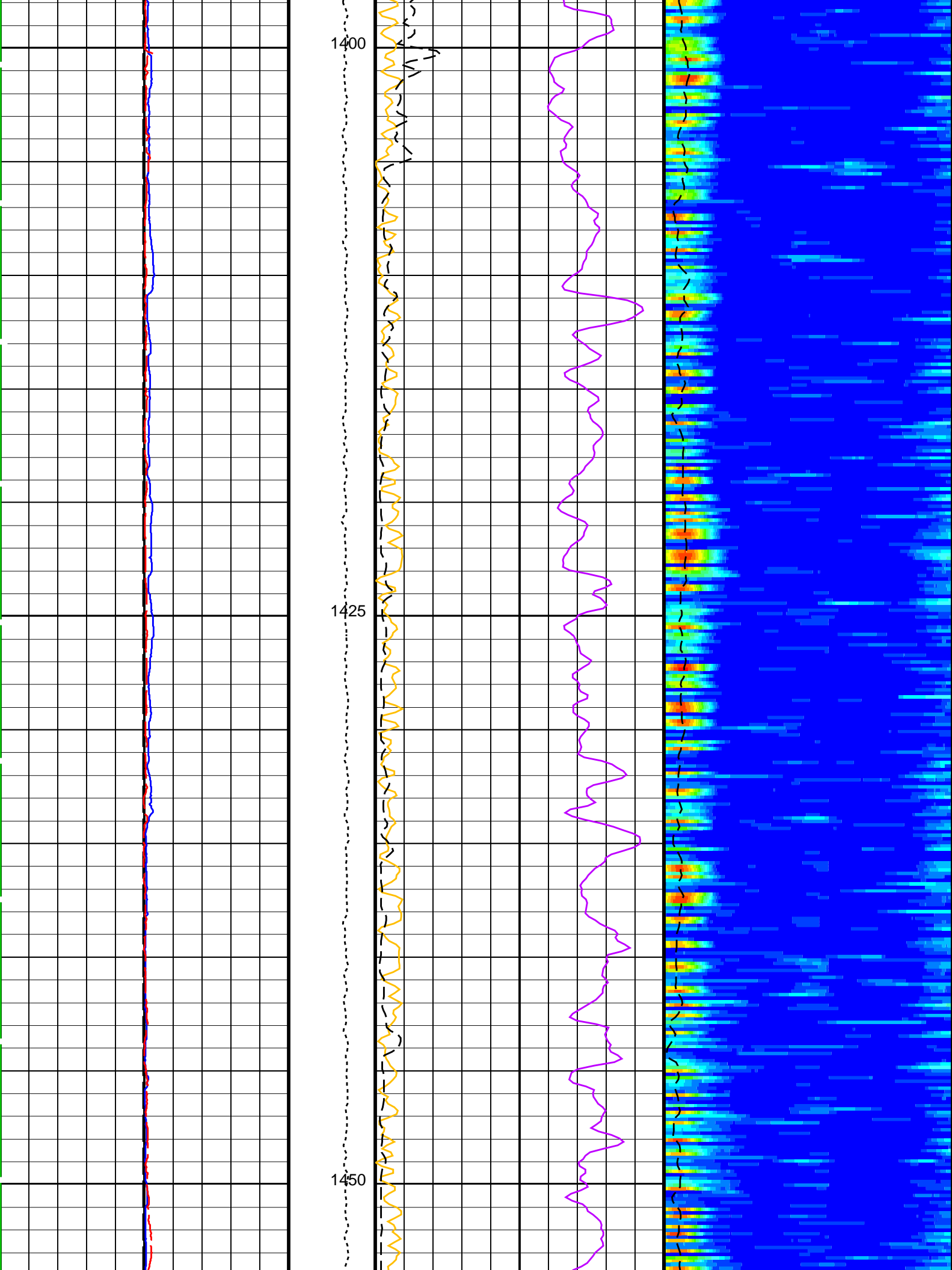


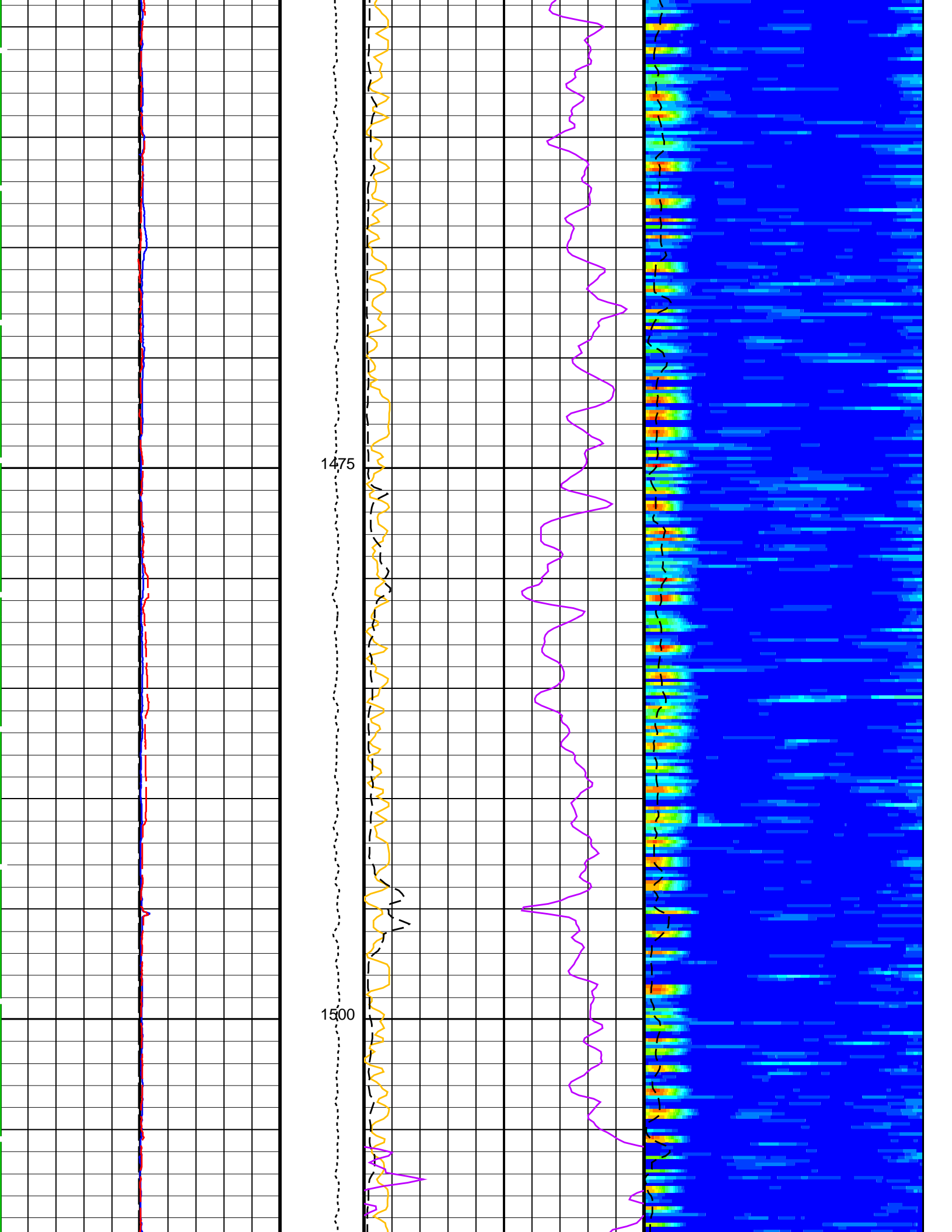


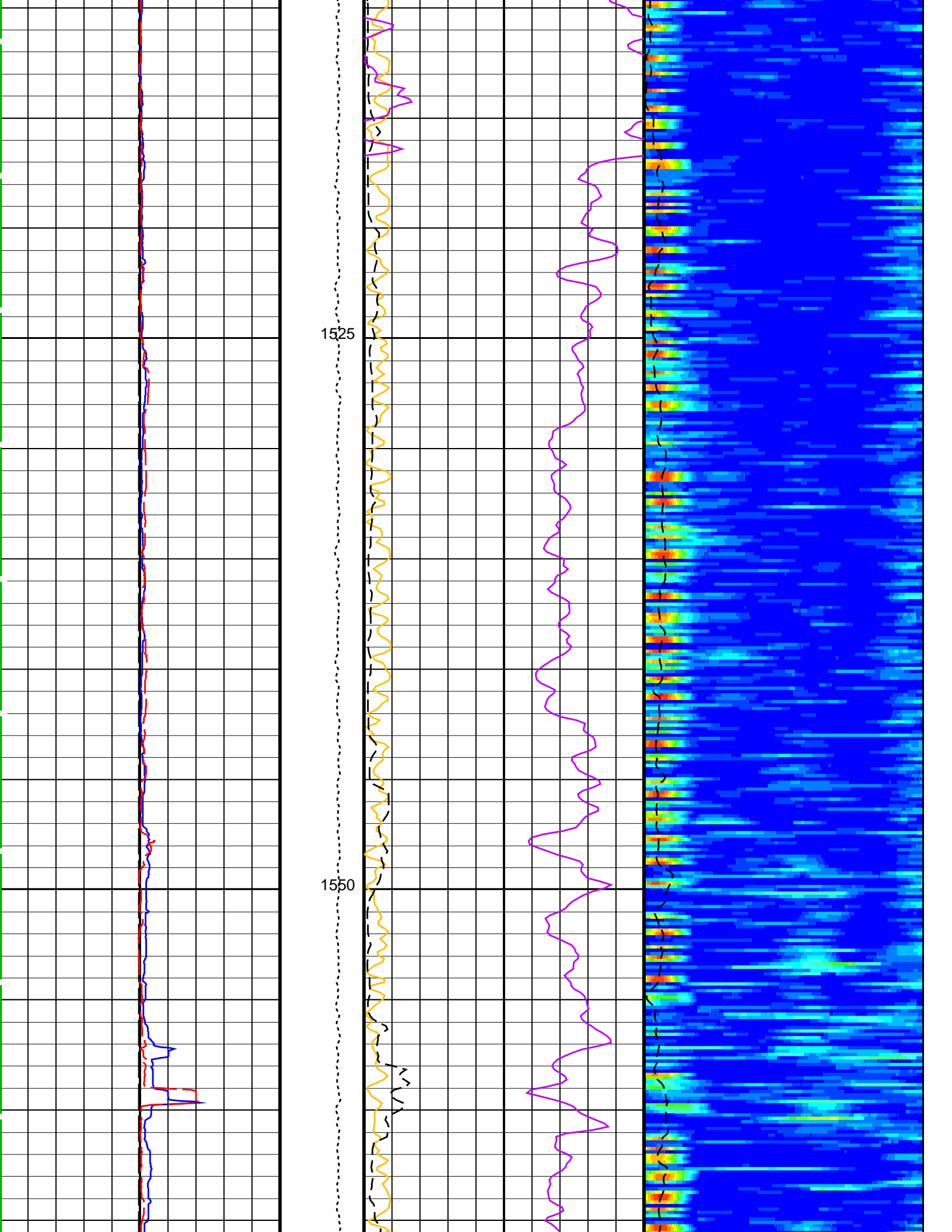


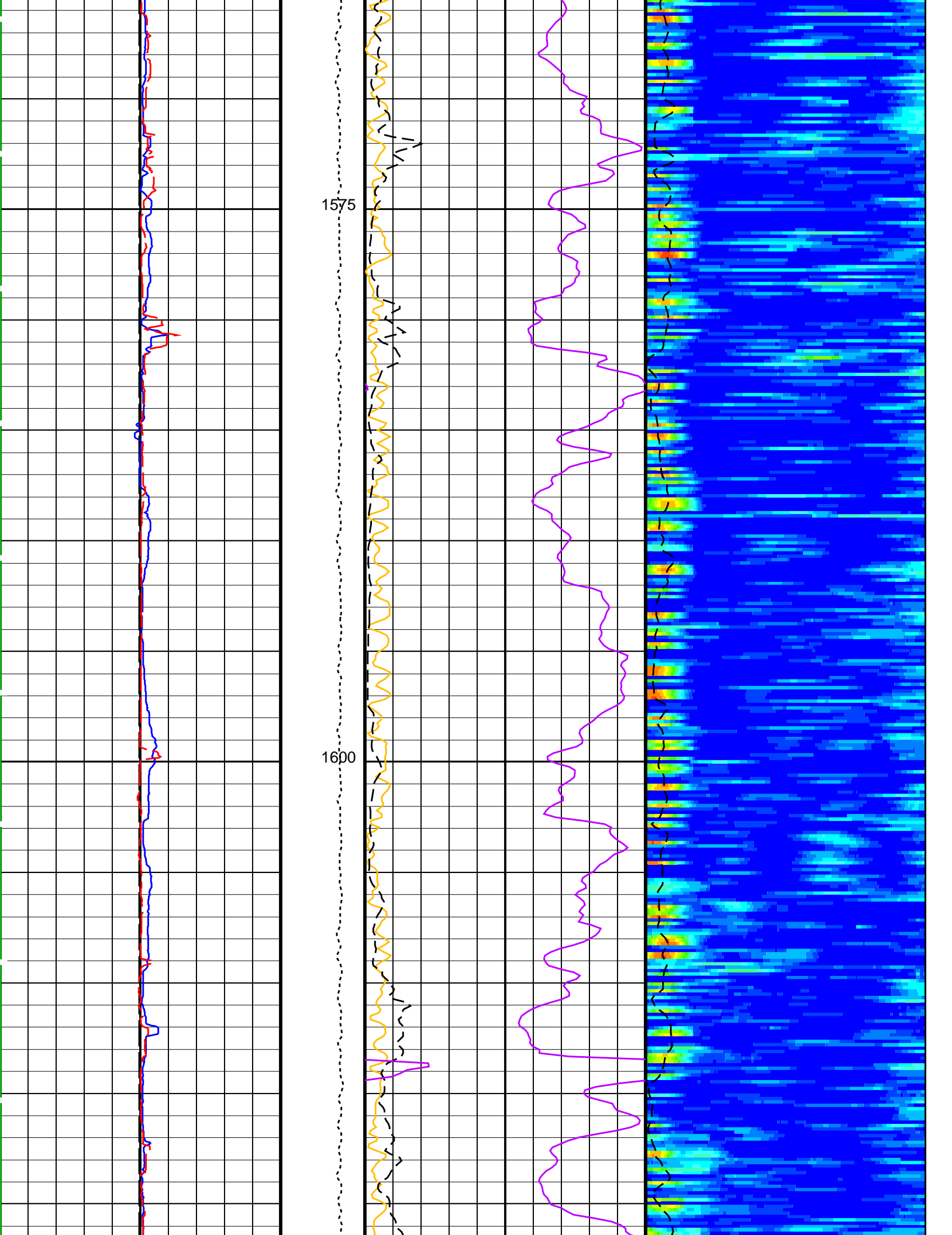


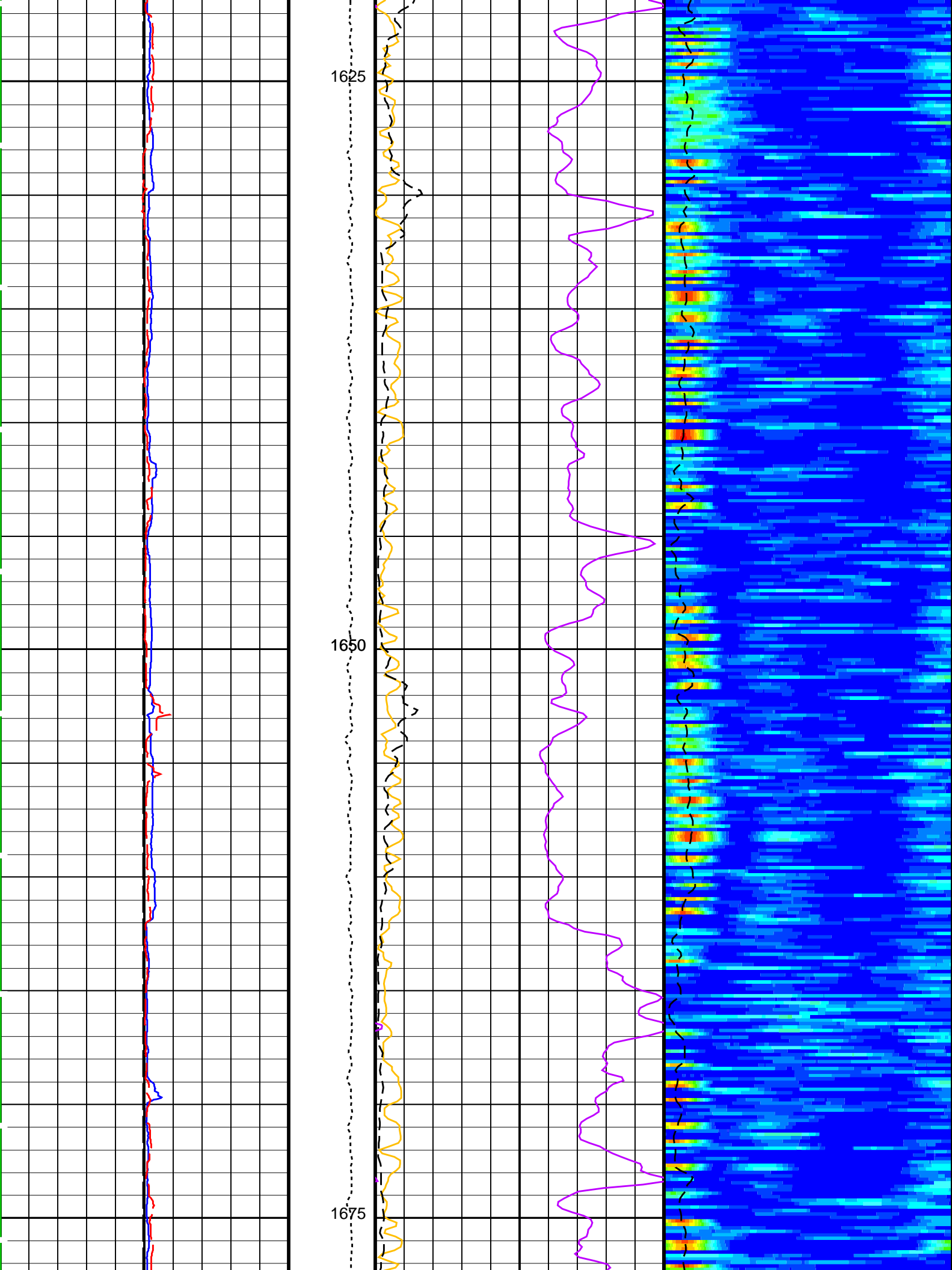


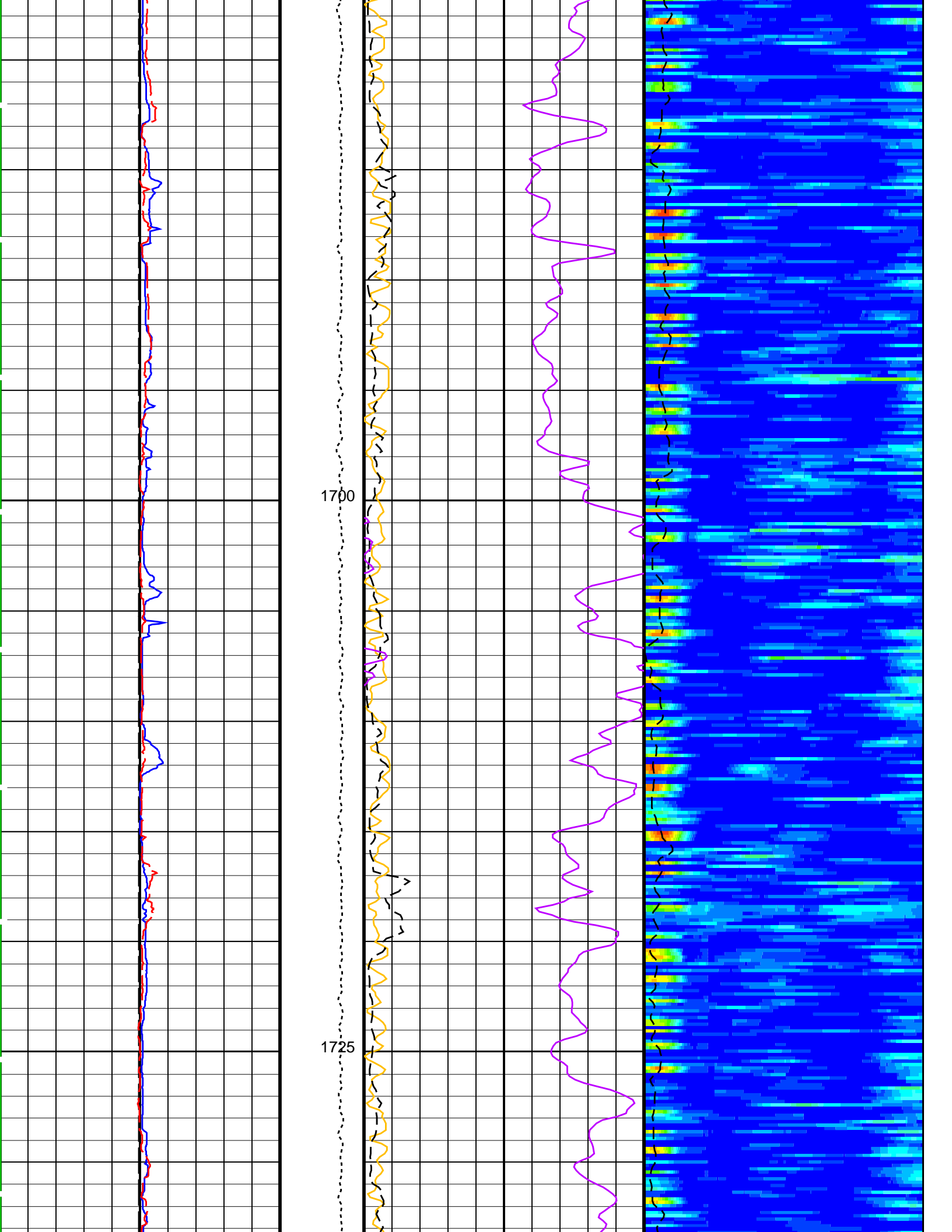


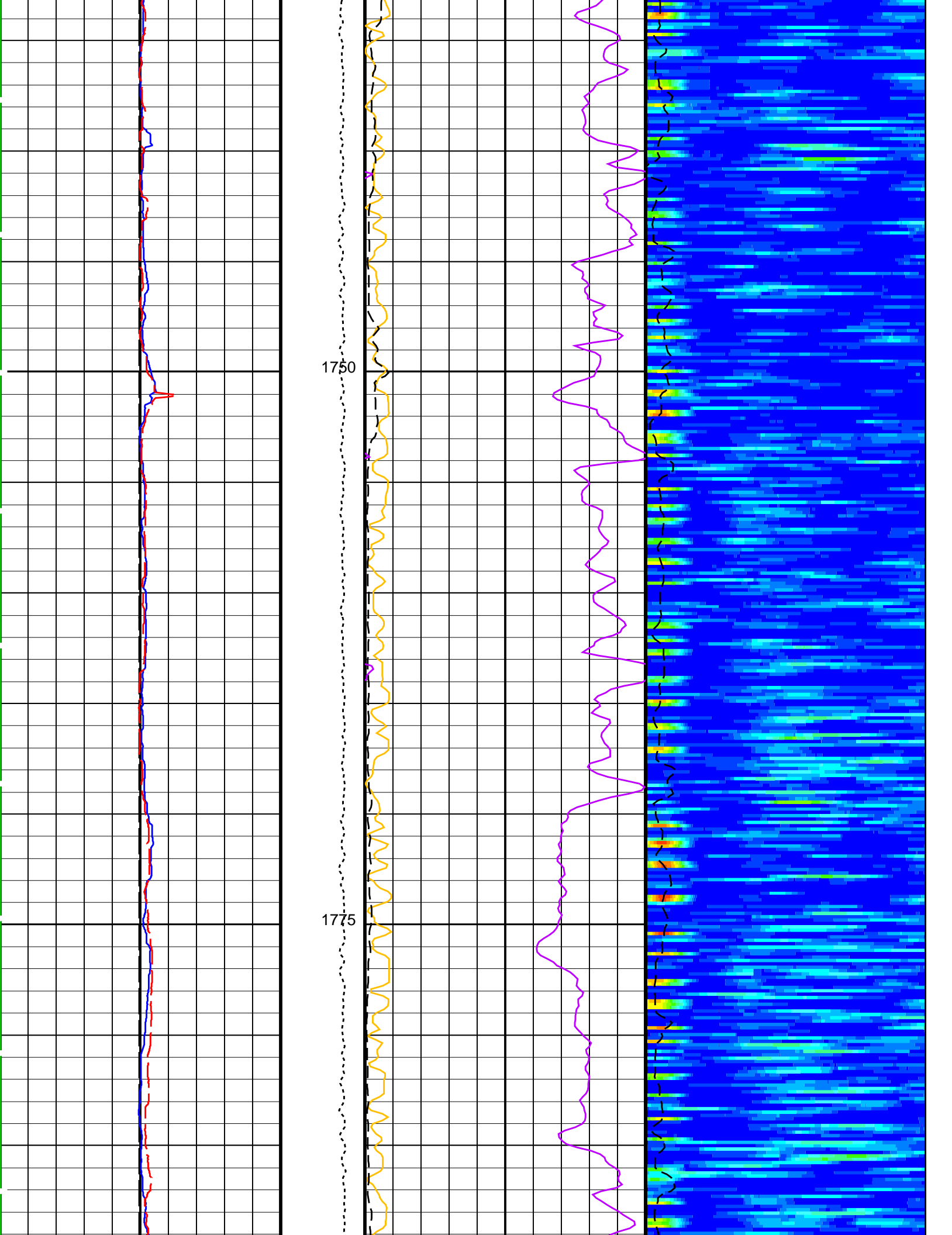




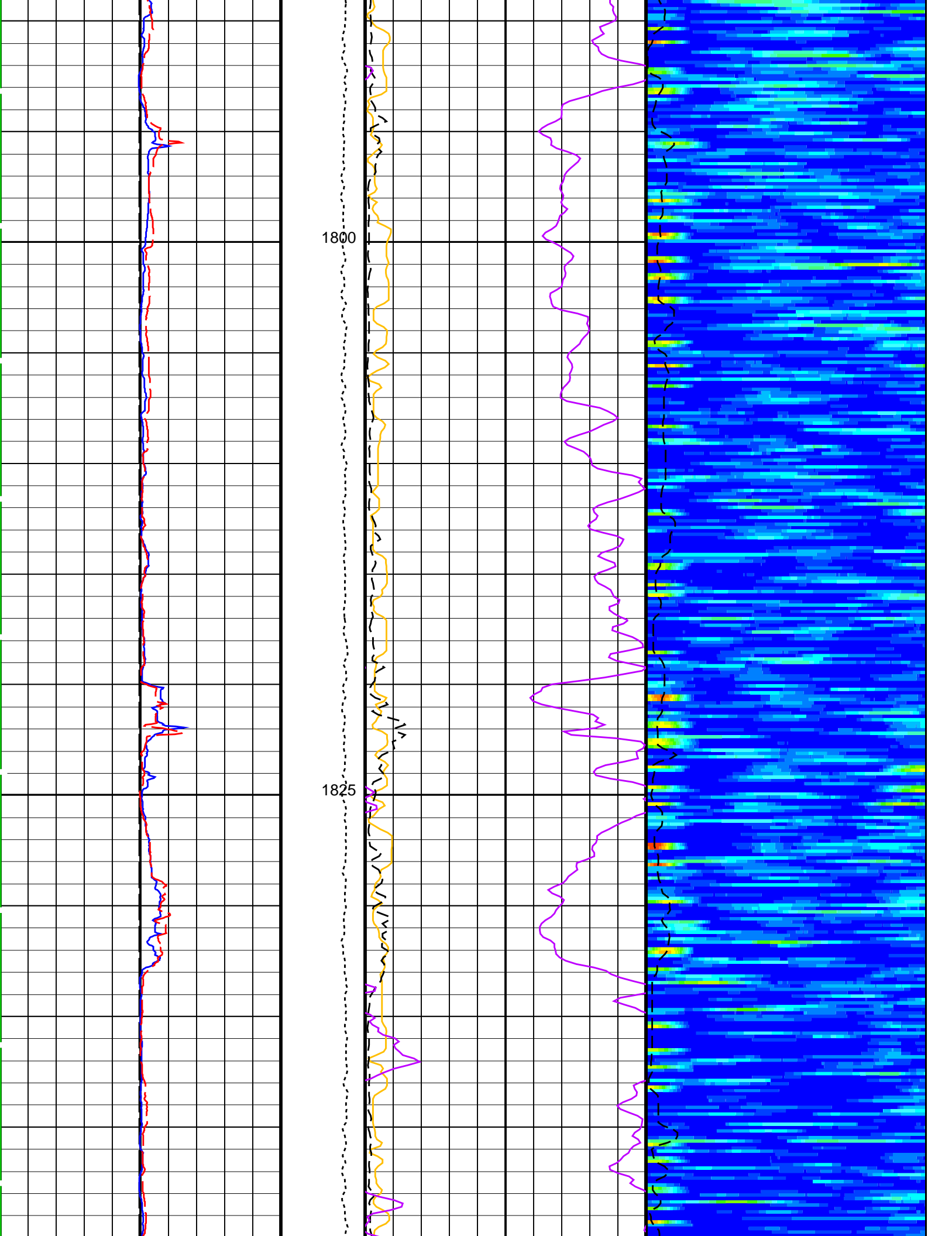


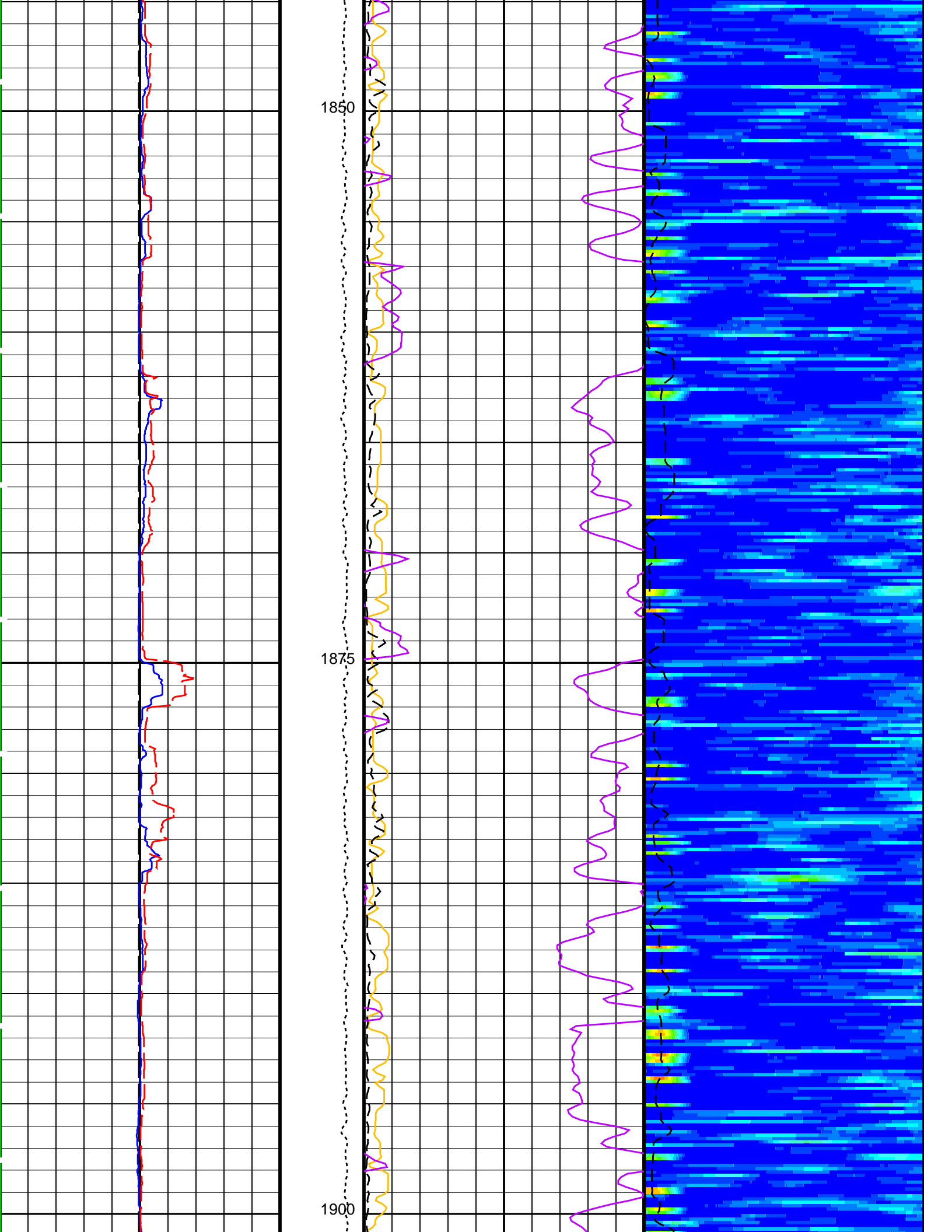


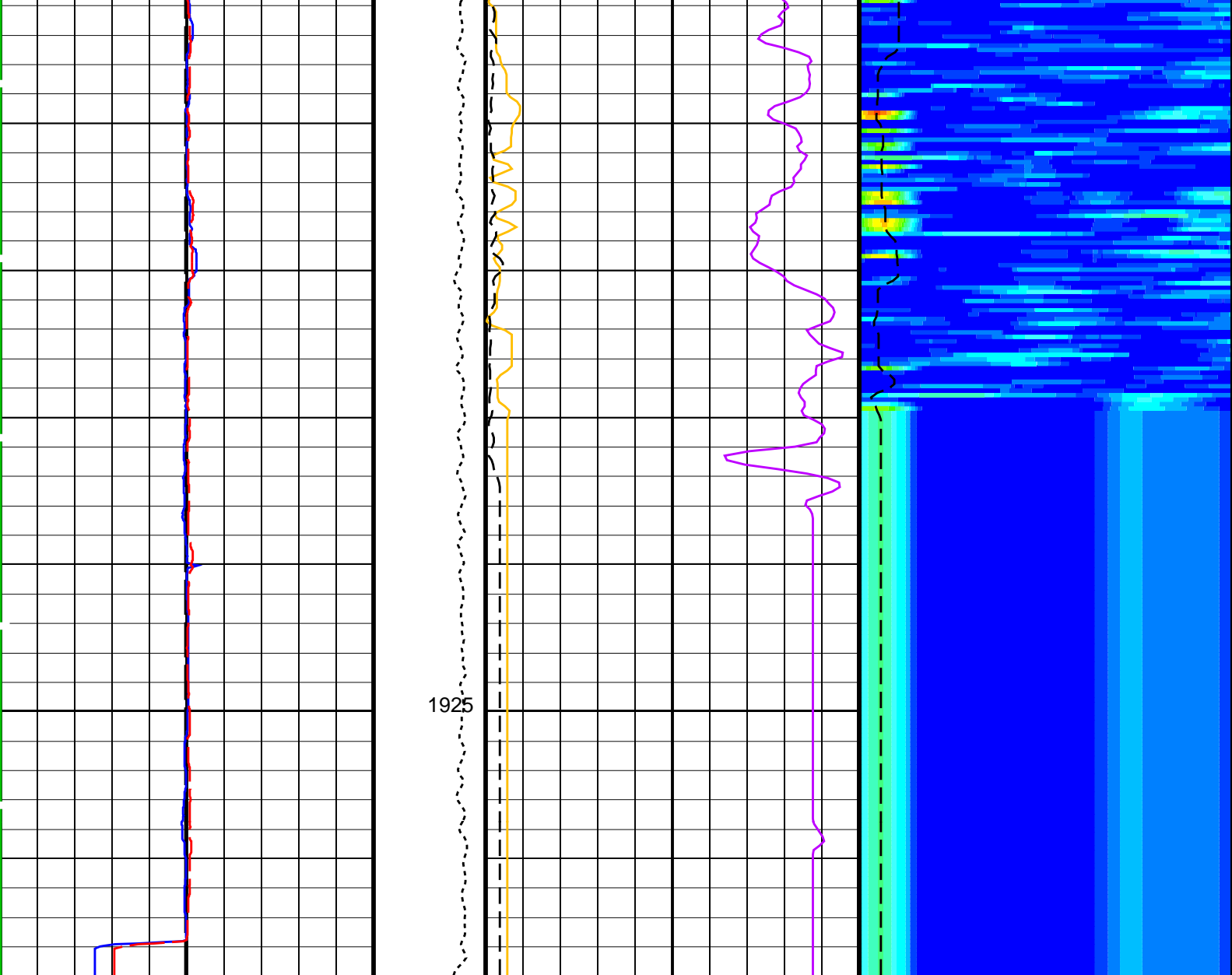












Bit Size (BS) (IN)		Tension (TENS) (LBF)	Peak Coherence / RA – Lower Dipole (CHR1)		Delta-T Shear / RA – Lower Dipole (DT1R)	
0	20		0	10	75	1200
			(-----)		(US/F)	
Caliper 2 (C2) (IN)			SAM1 Waveform Gain (WFG1) (-----)		Min Amplitude Max Rec.Array L.Dipole Slow Proj. CVDL (SPR1)	
0	20		0	1000	75	1200
					(US/F)	
Caliper 1 (C1) (IN)			Sonic Velocity (SVEL) (M/S)			
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	40	US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	200	US/F
DSK1	Digitizing Sample Interval 1	20	US

DSH	Digitizer Sample Interval 1	40	US
DSIX	Digitizer Sample Interval X	40	US
DTC5	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
NW11	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	
SB01	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	NORMAL	

Format: DSST\_LOWER\_DIPOLE\_VDL\_COLOR    Vertical Scale: 1:200    Graphics File Created: 30-May-2023 17:03

## 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

## Input DLIS Files

DEFAULT	FMS_DSI_NGS_097LUP	FN:93	PRODUCER	27-May-2023 20:16	1934.0 M	859.9 M
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## Output DLIS Files

DEFAULT	FMS_DSI_NGS_123PUP	FN:117	PRODUCER	30-May-2023 17:03		
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Company: International Ocean Discovery Program    Well: Expedition 399, Site U1601C

## Input DLIS Files

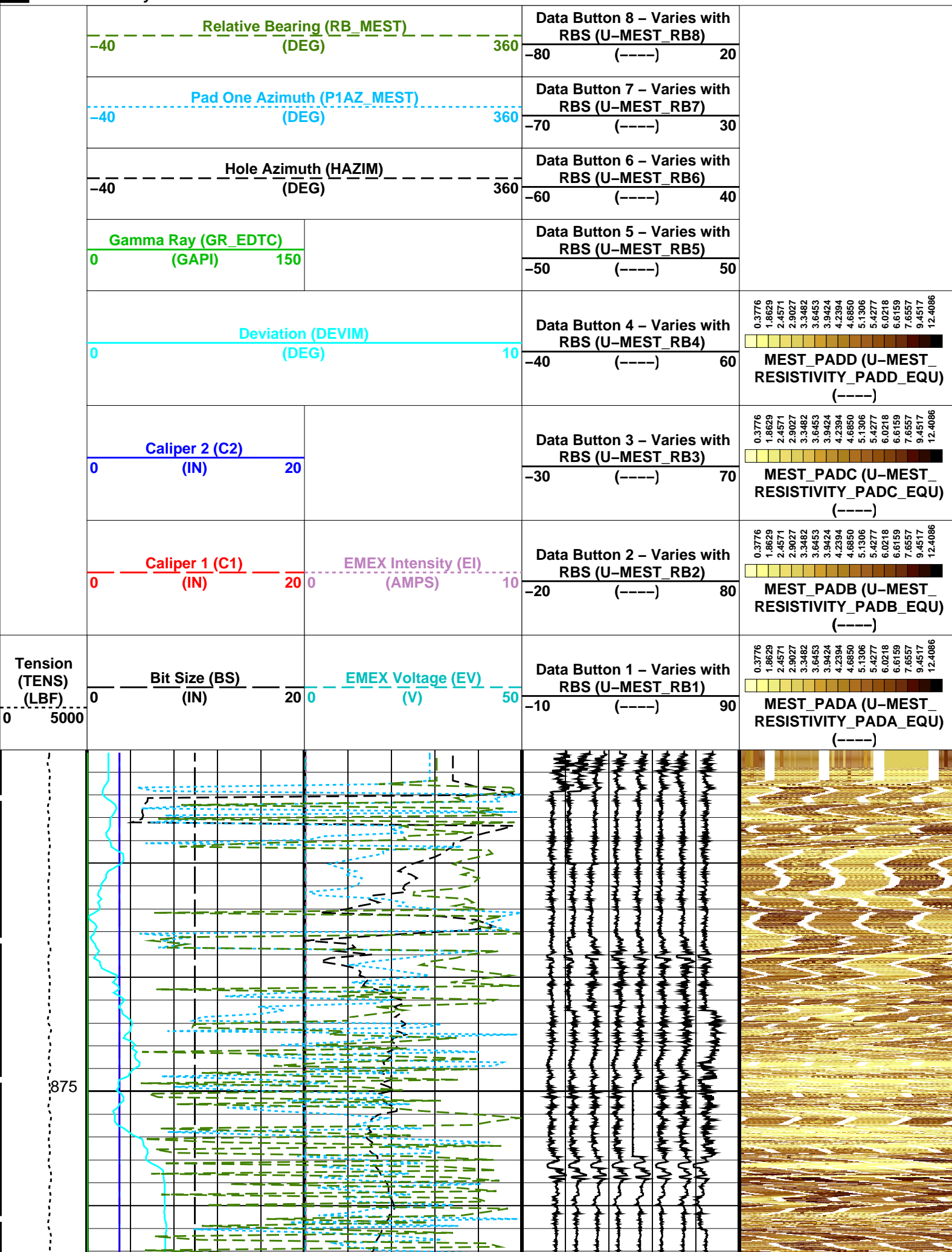
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## Output DLIS Files

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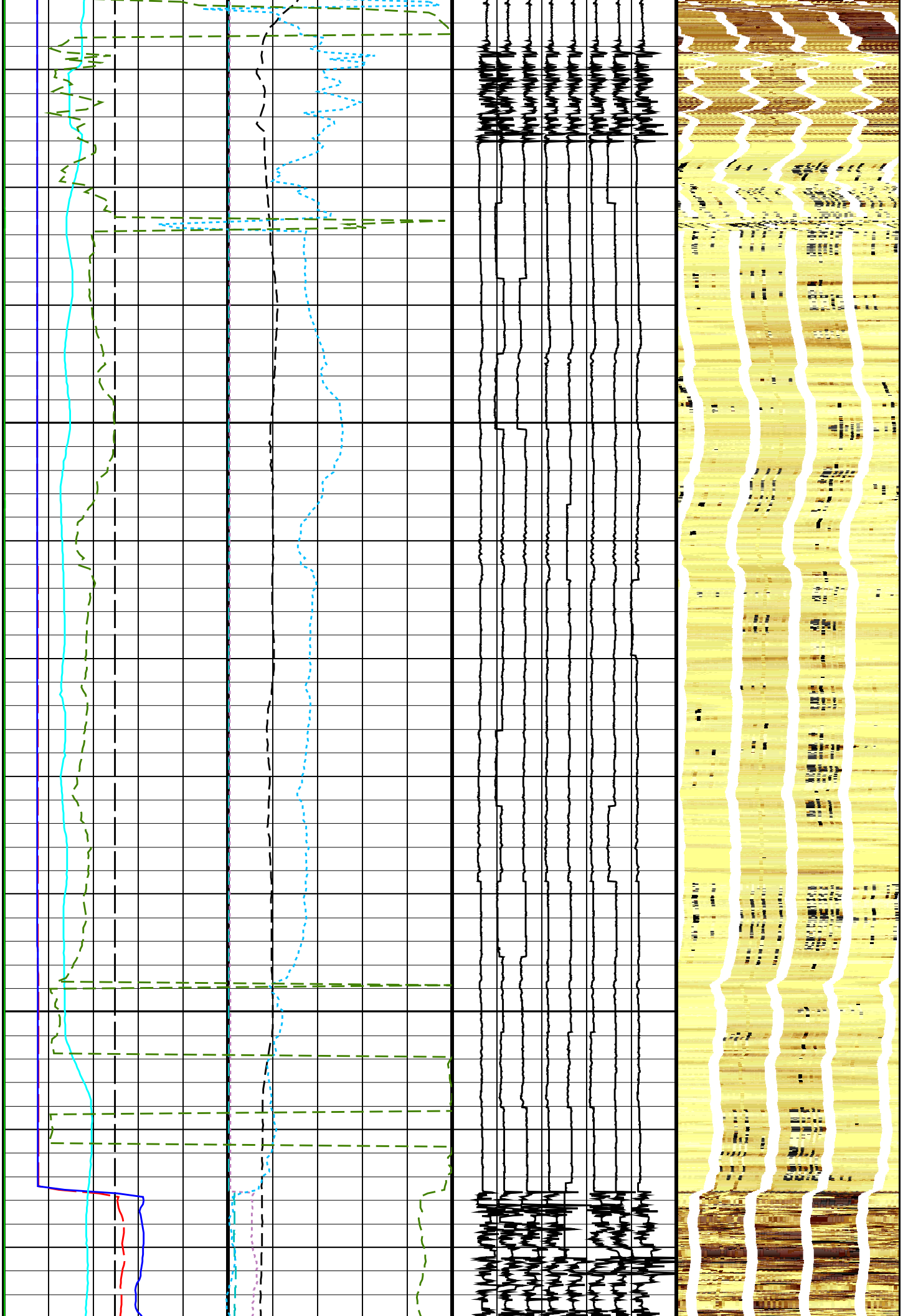
## OP System Version: 19C0-187

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



900

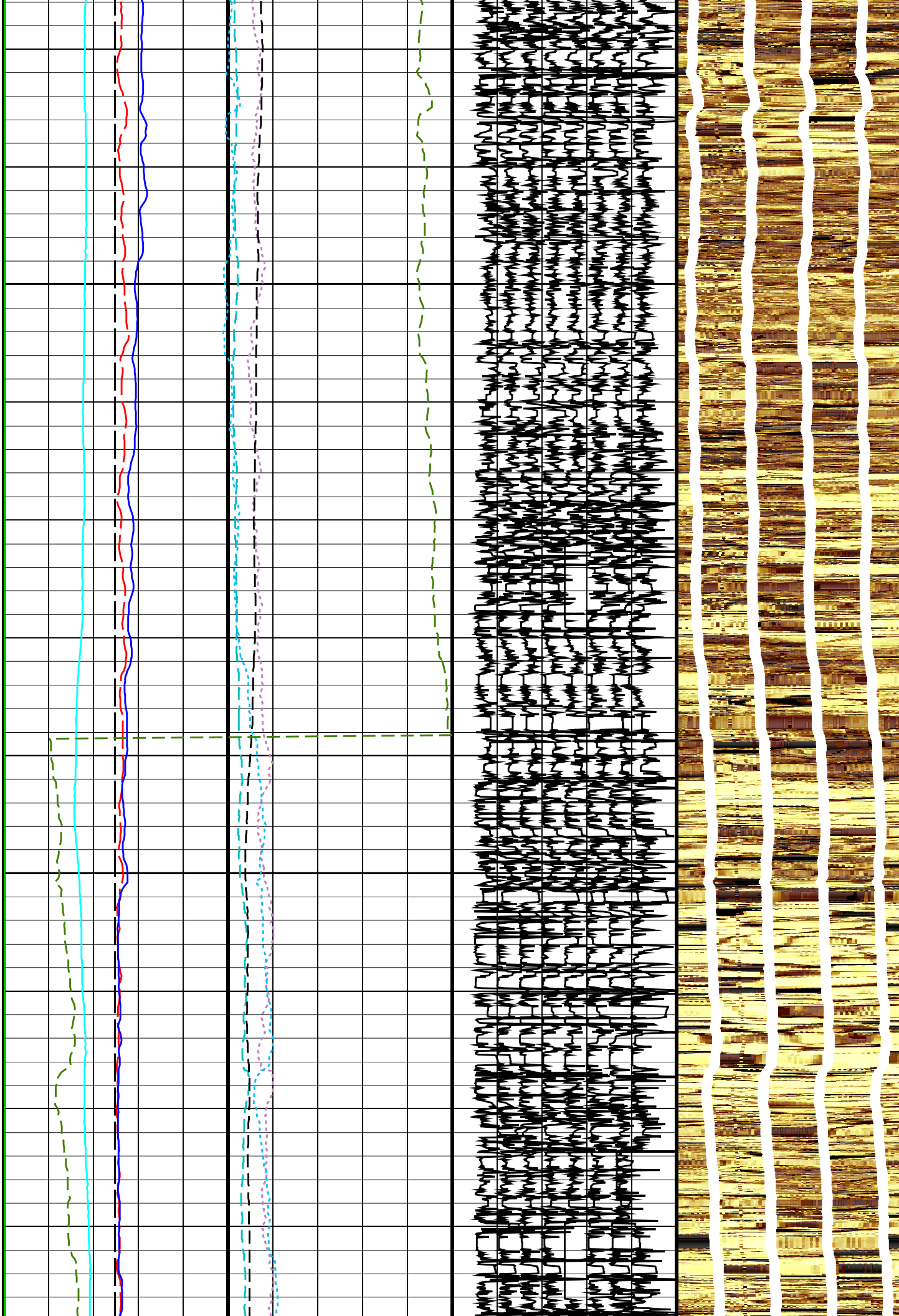
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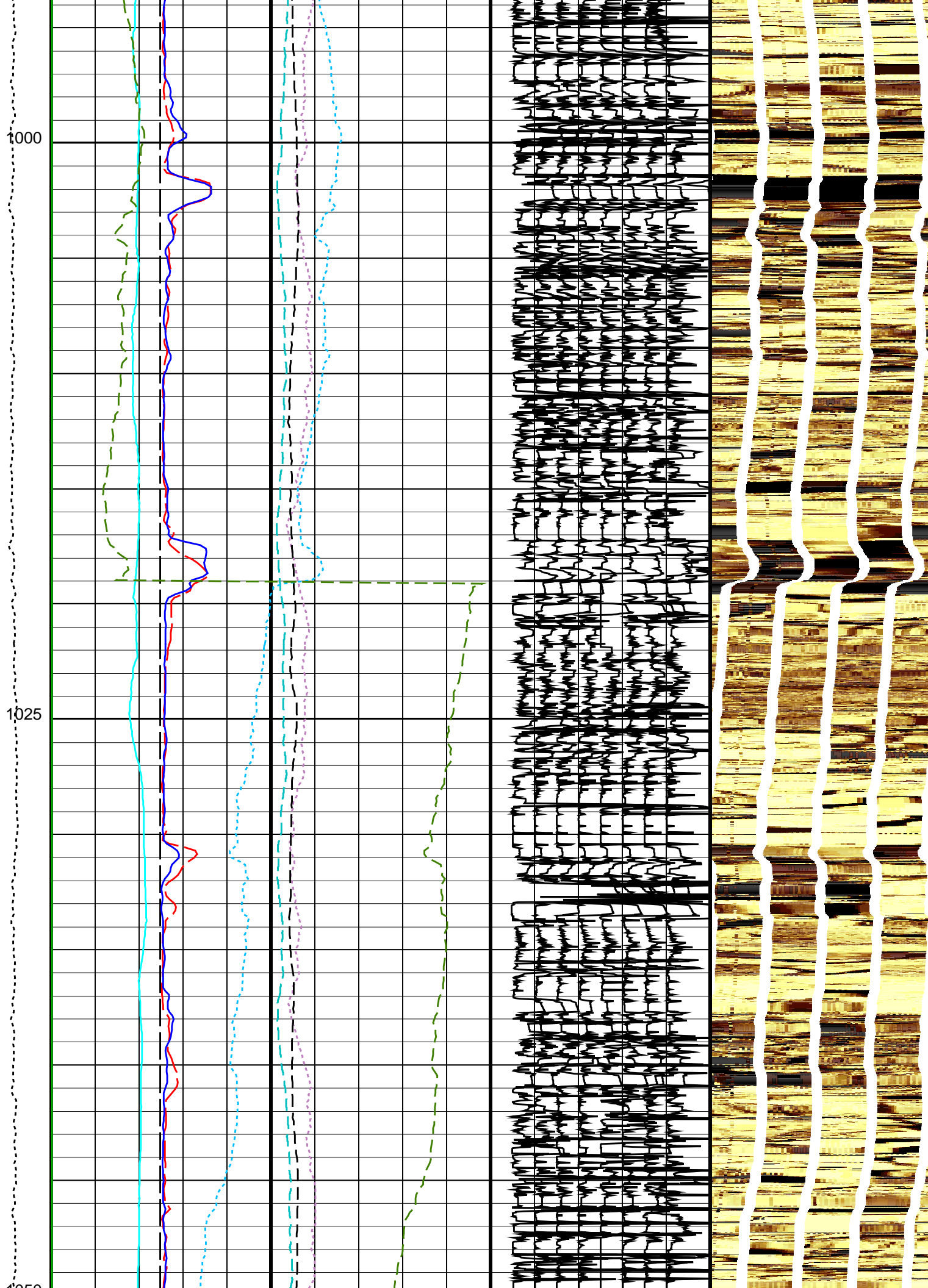




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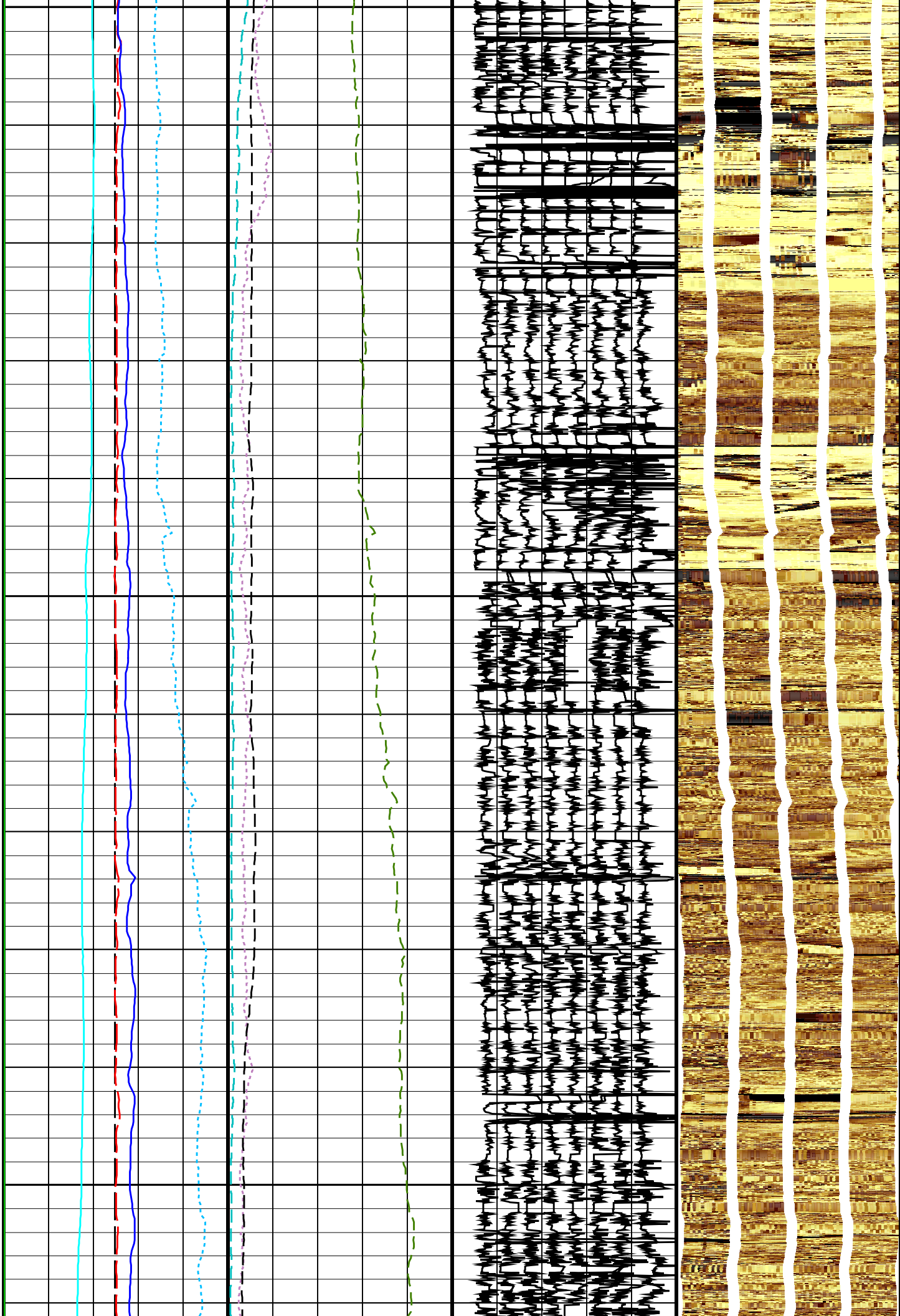
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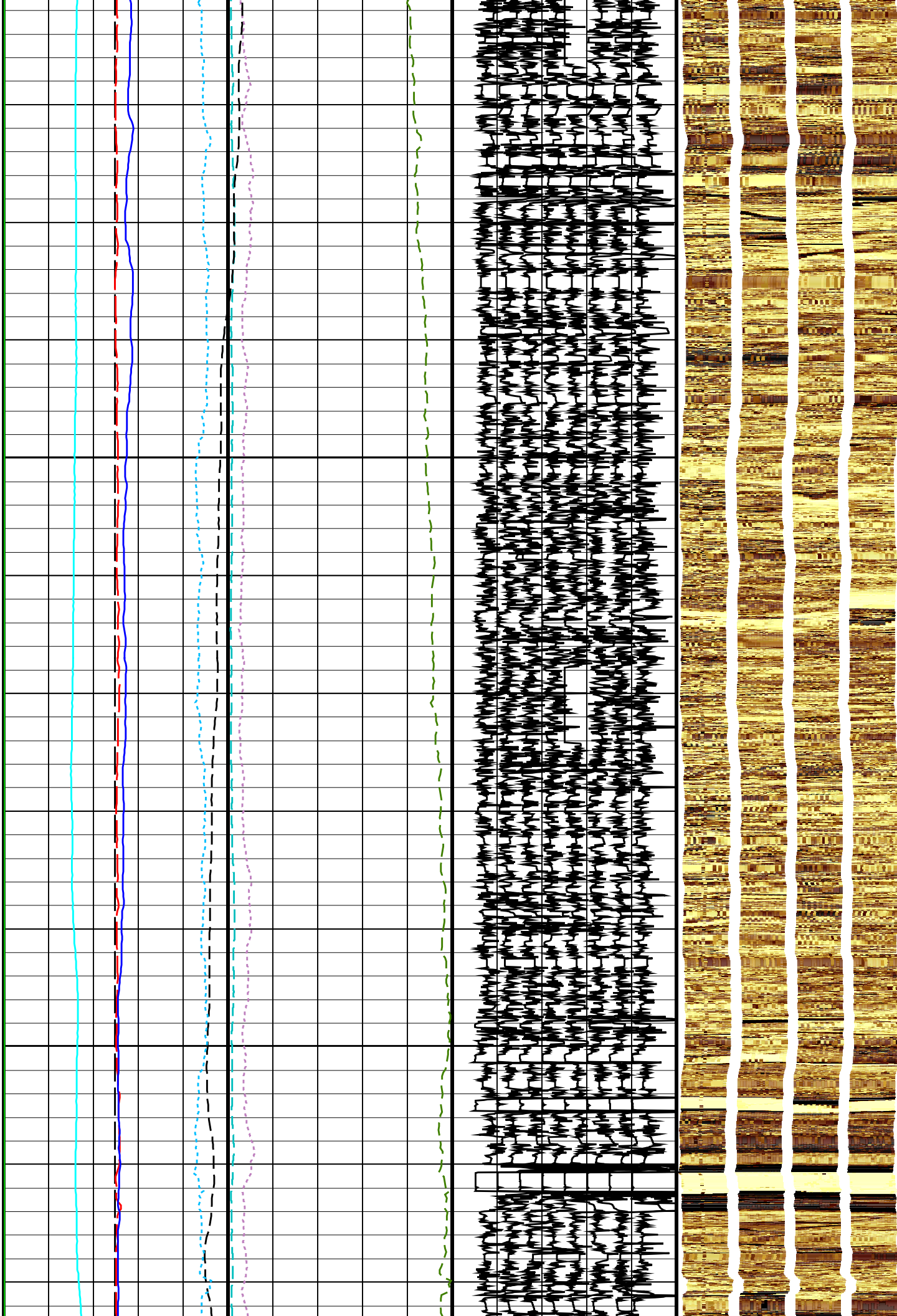


1050  
1075  
1100



1125

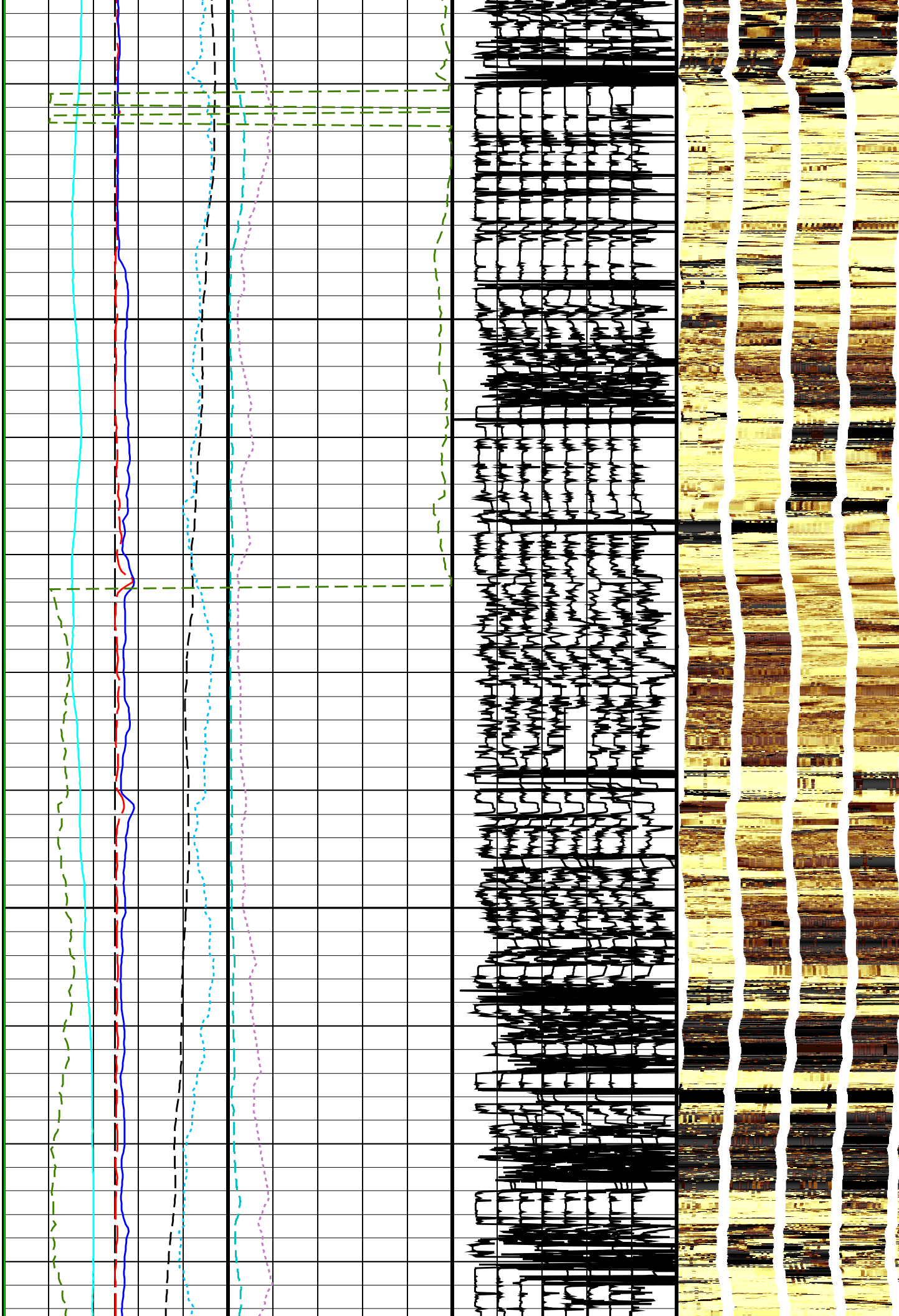
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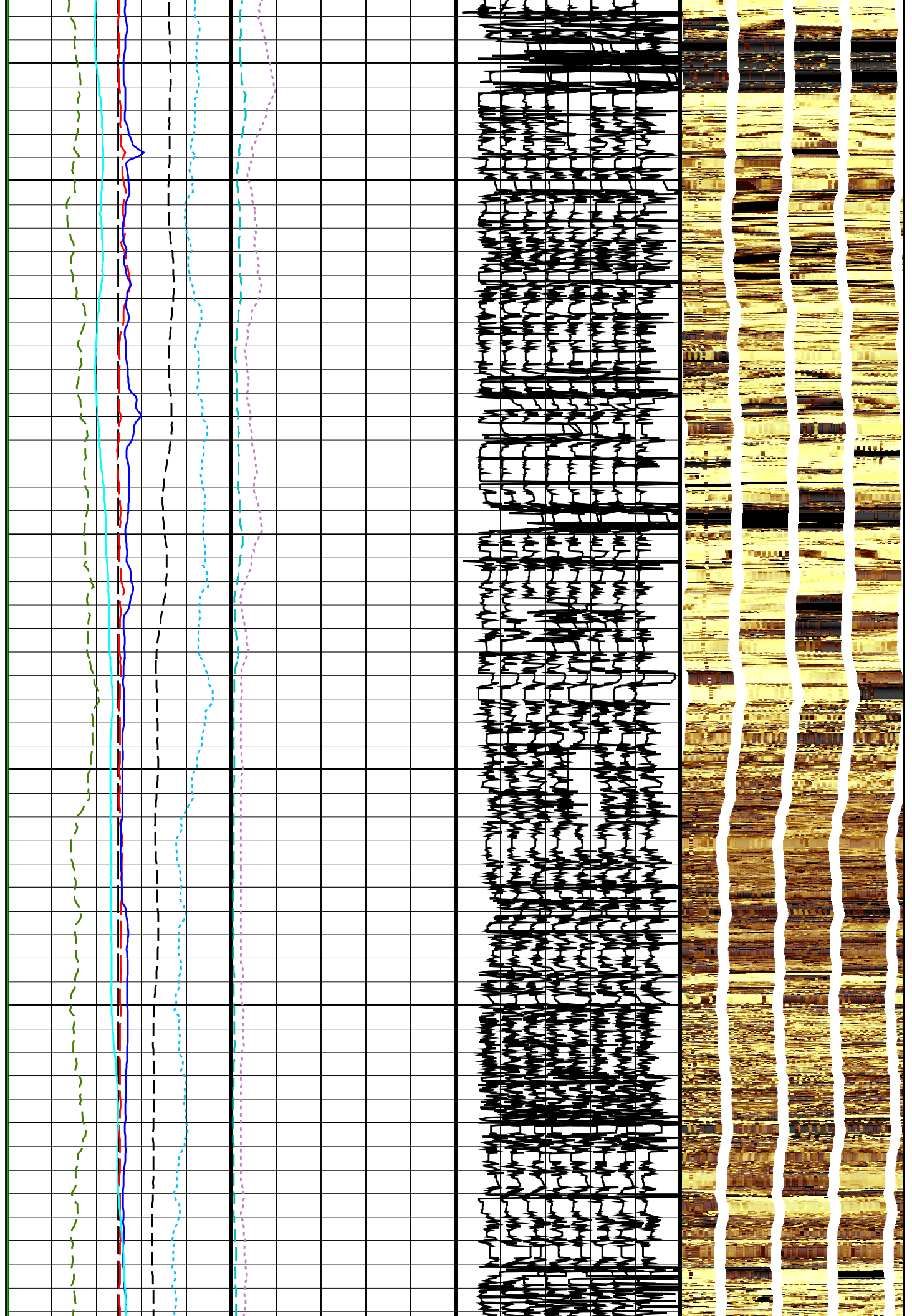
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1200



1225

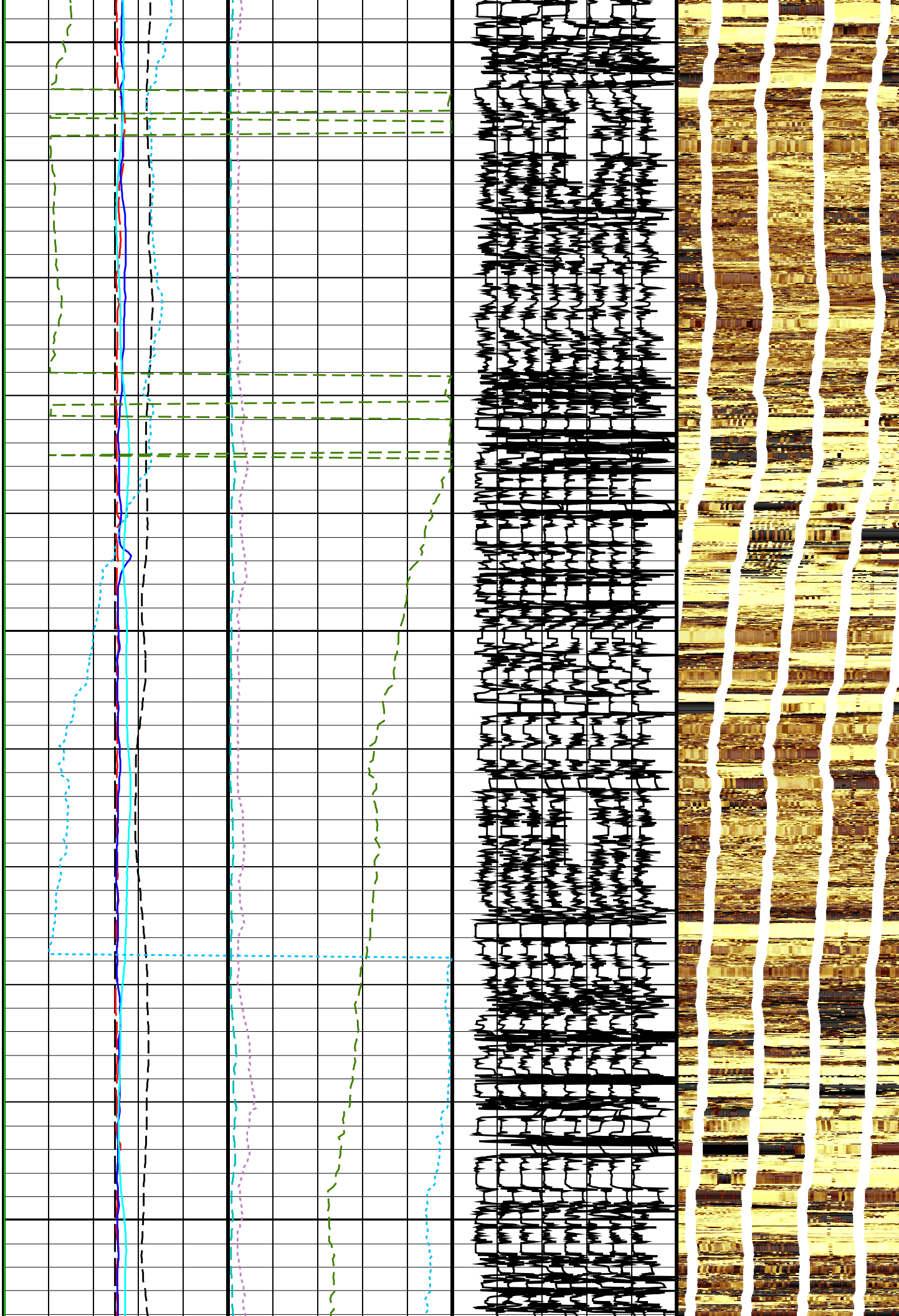
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1275

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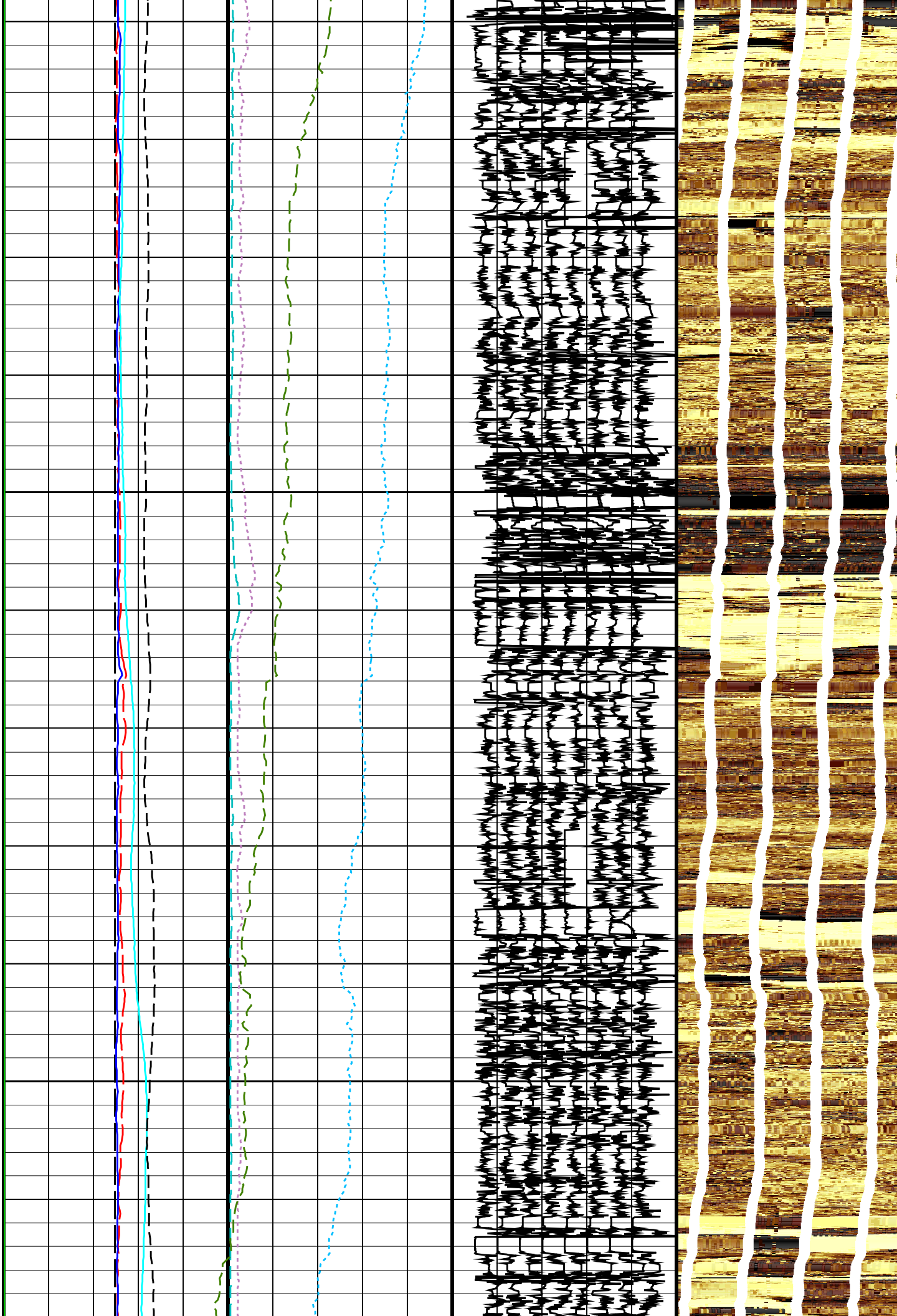
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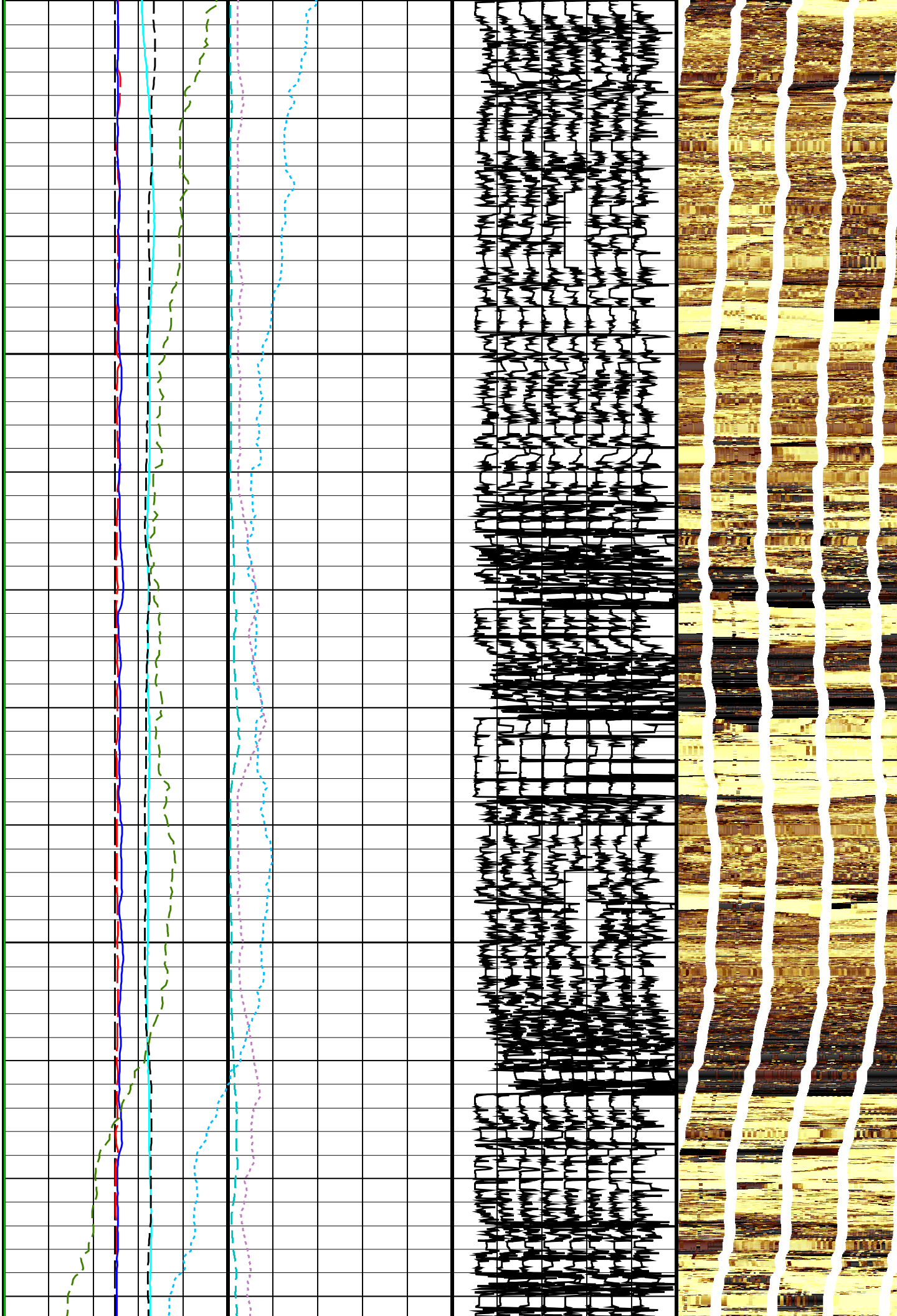
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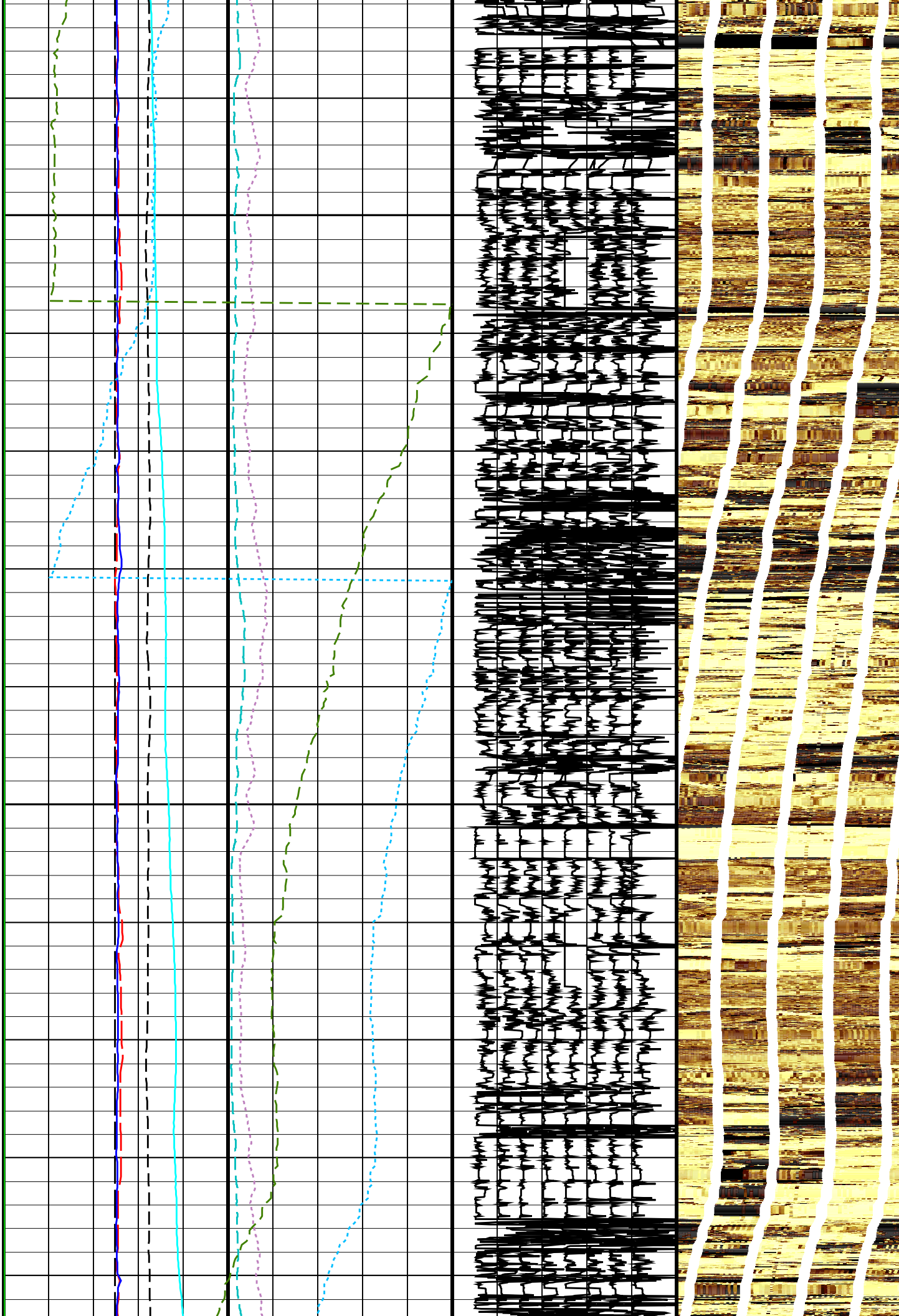
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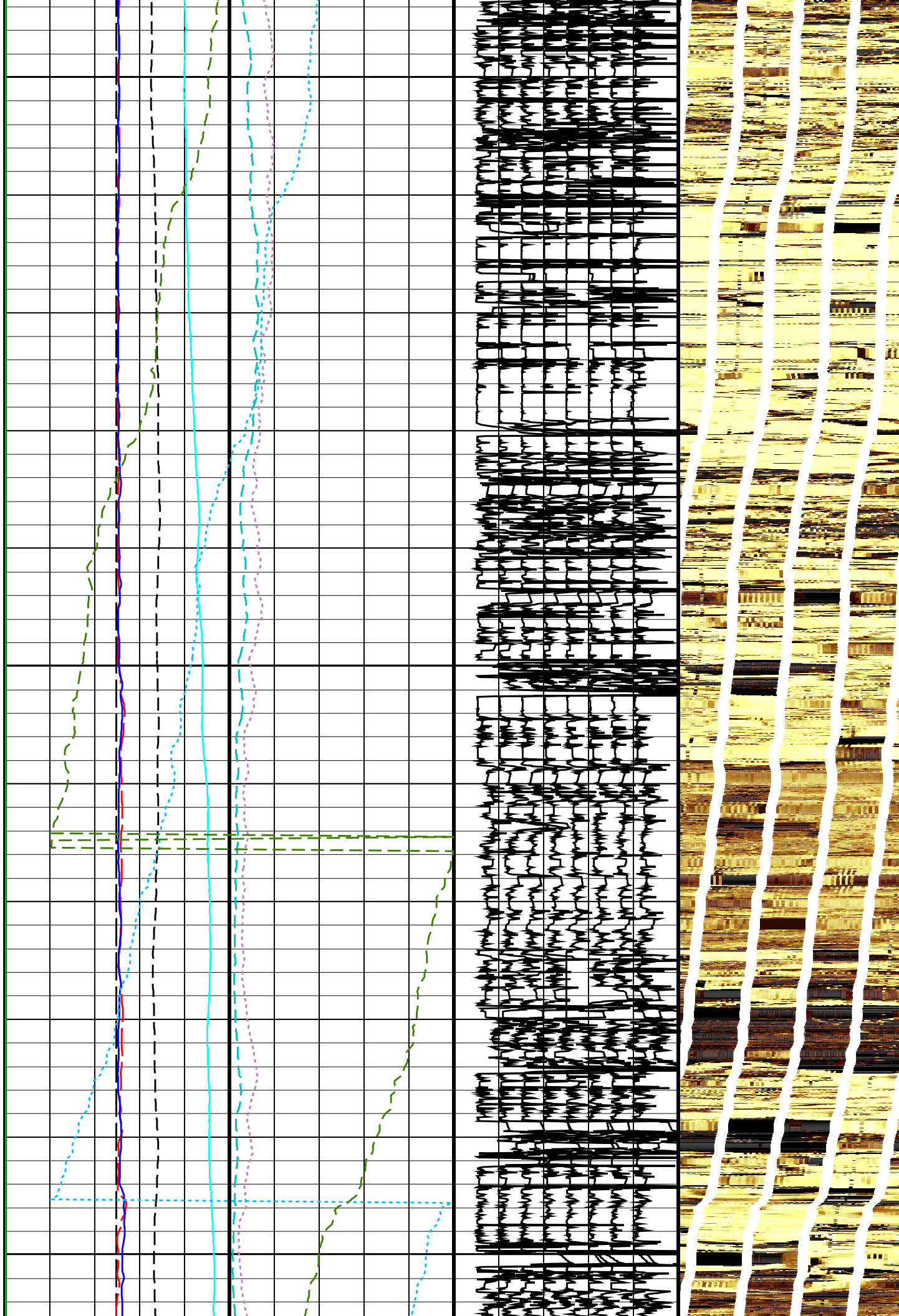




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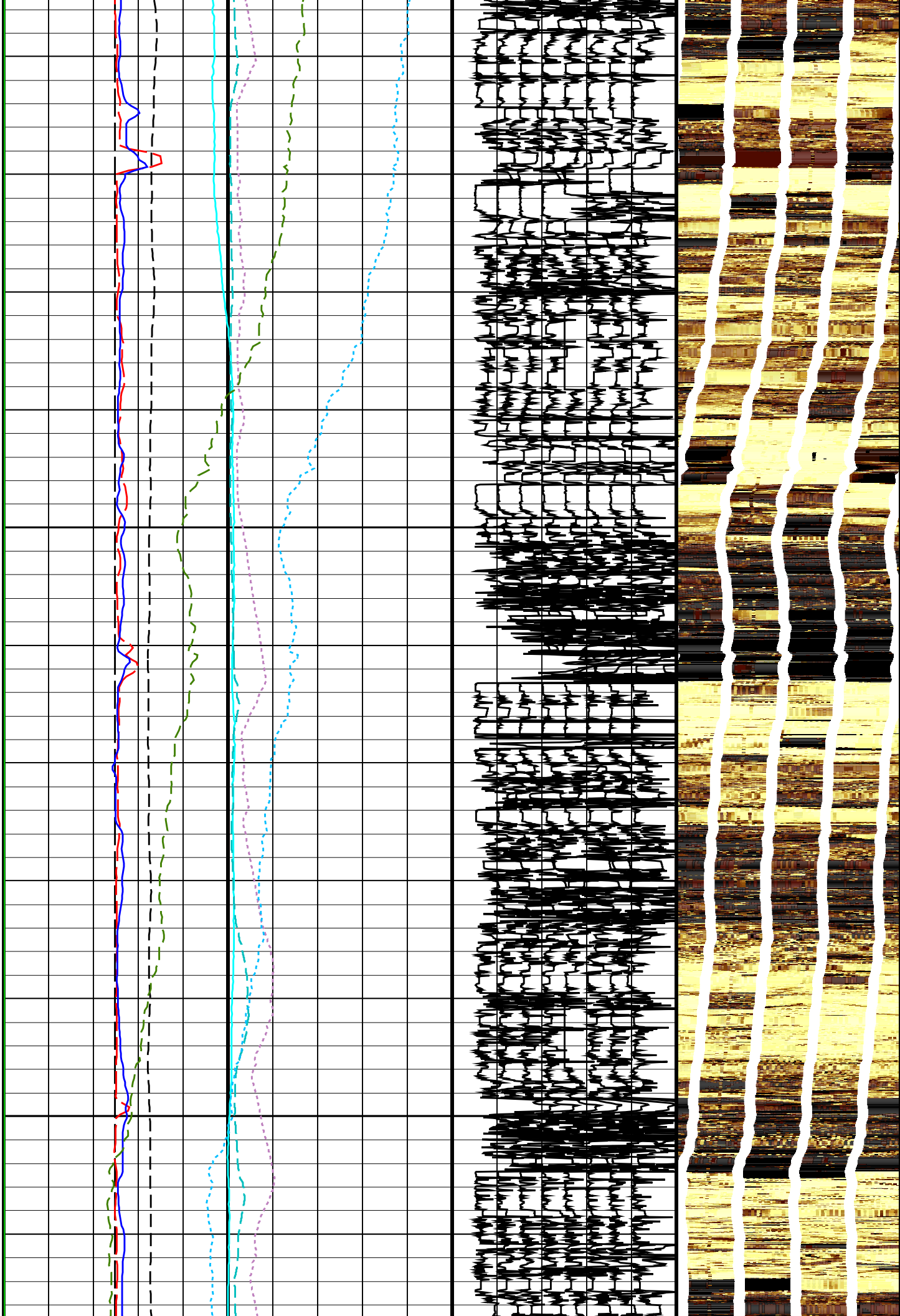
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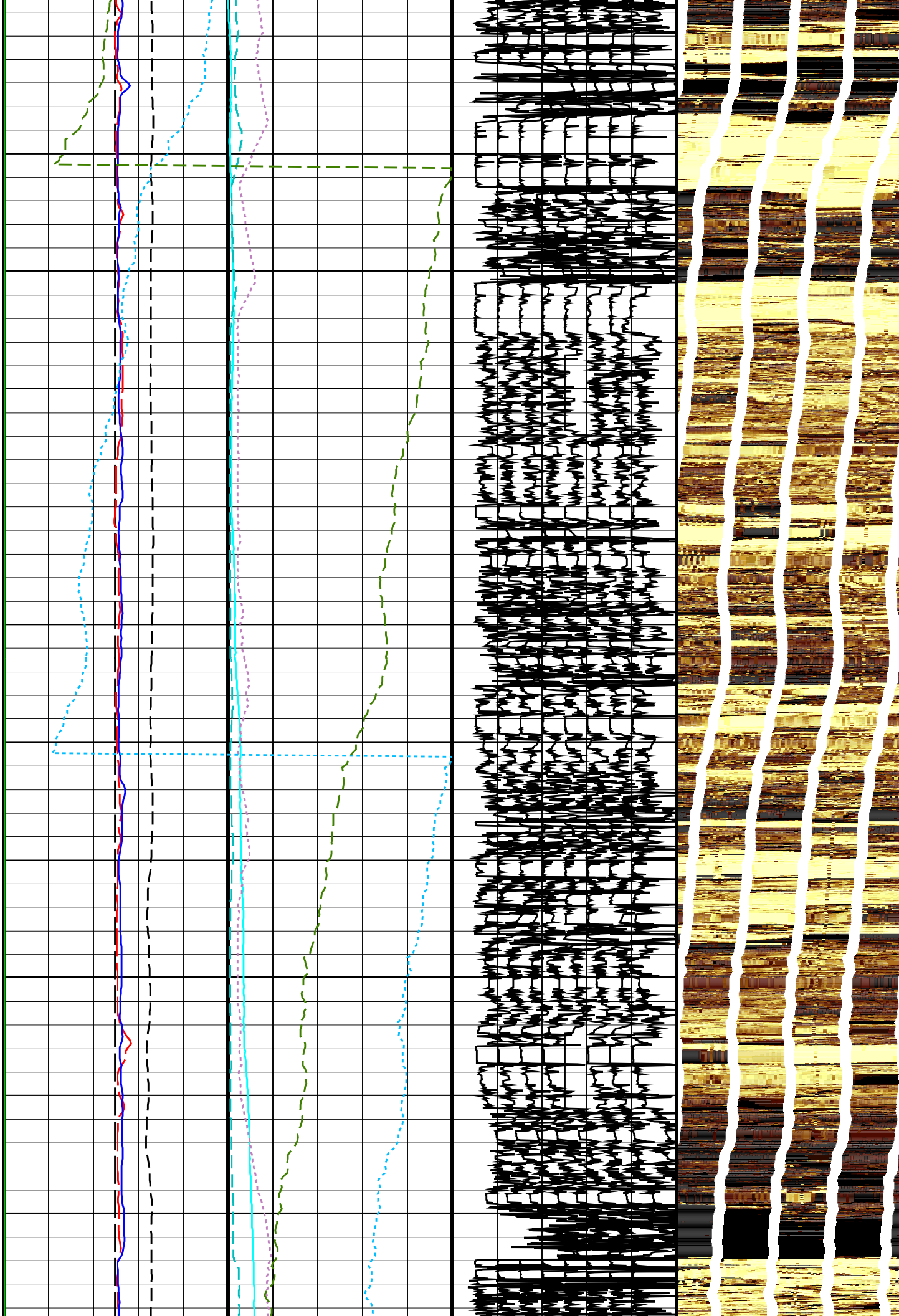
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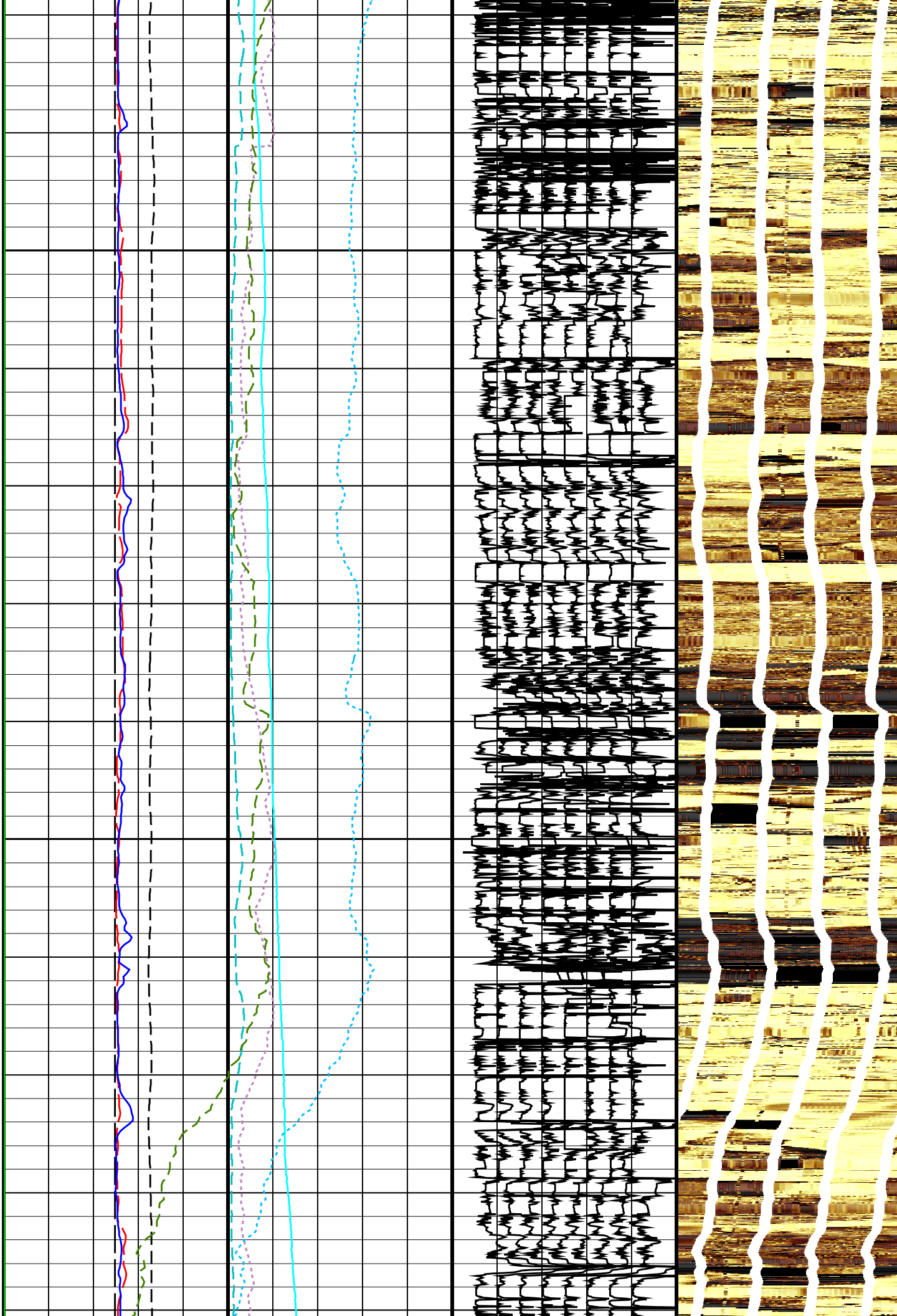
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1675

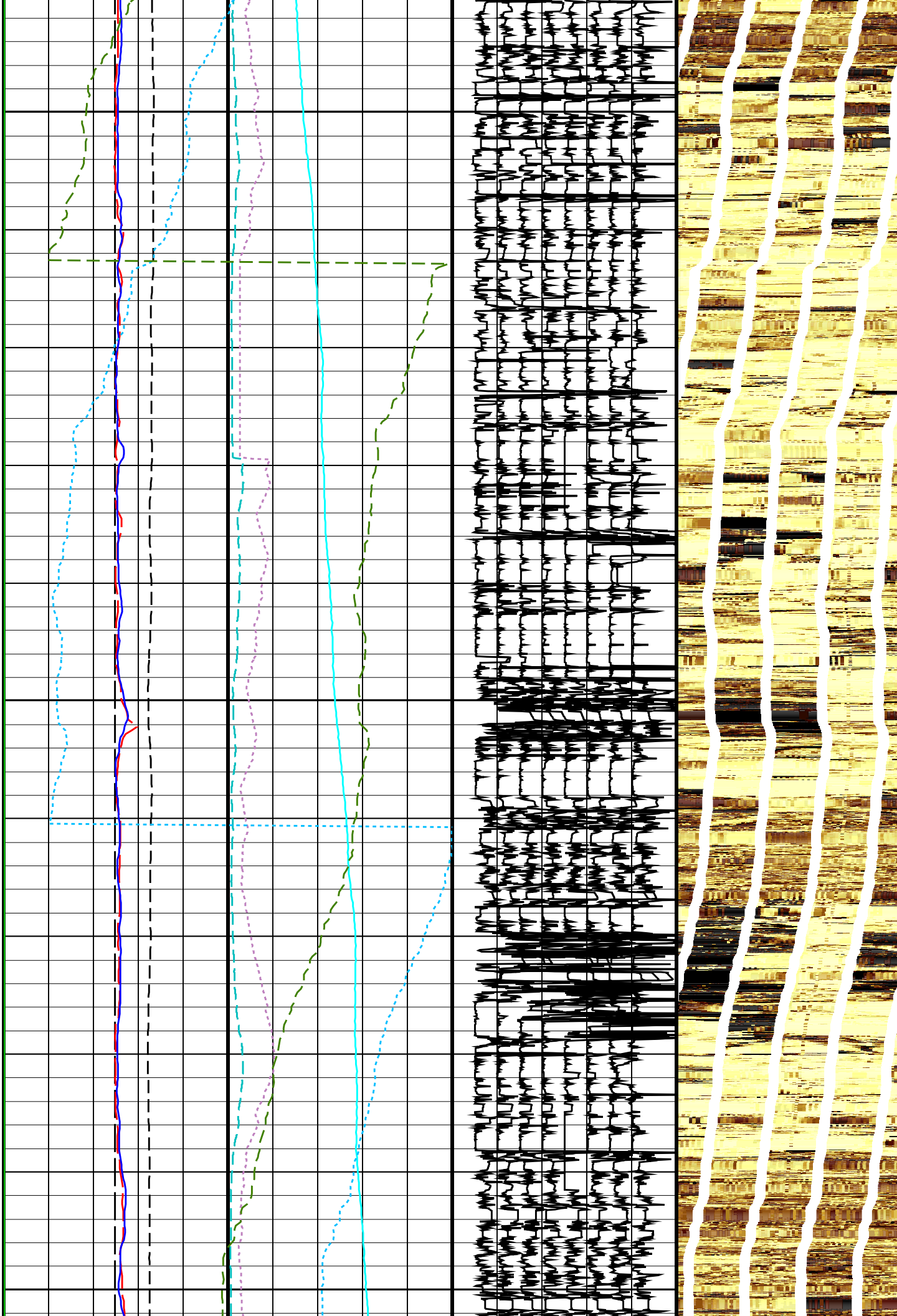
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1725

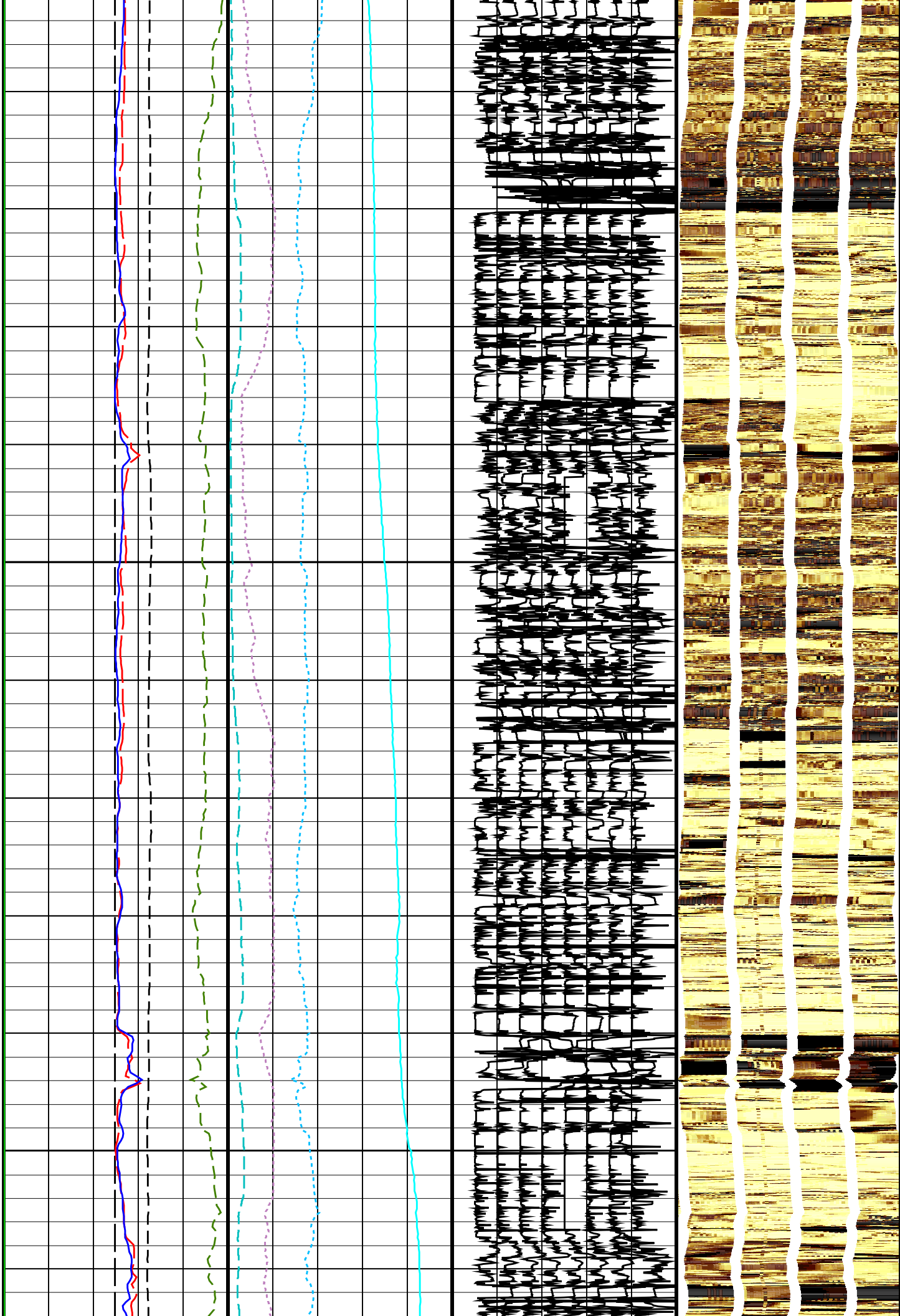
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1775



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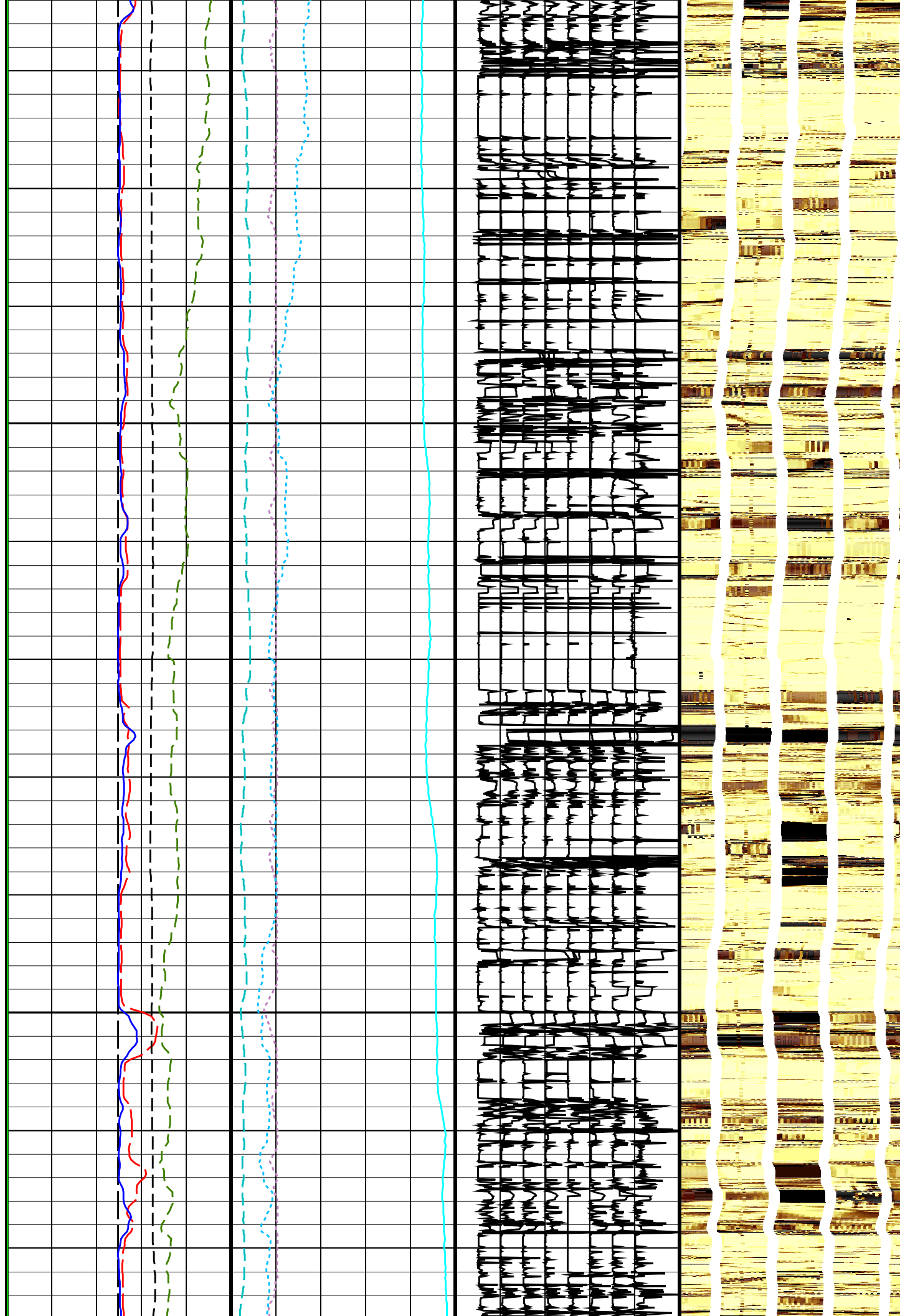
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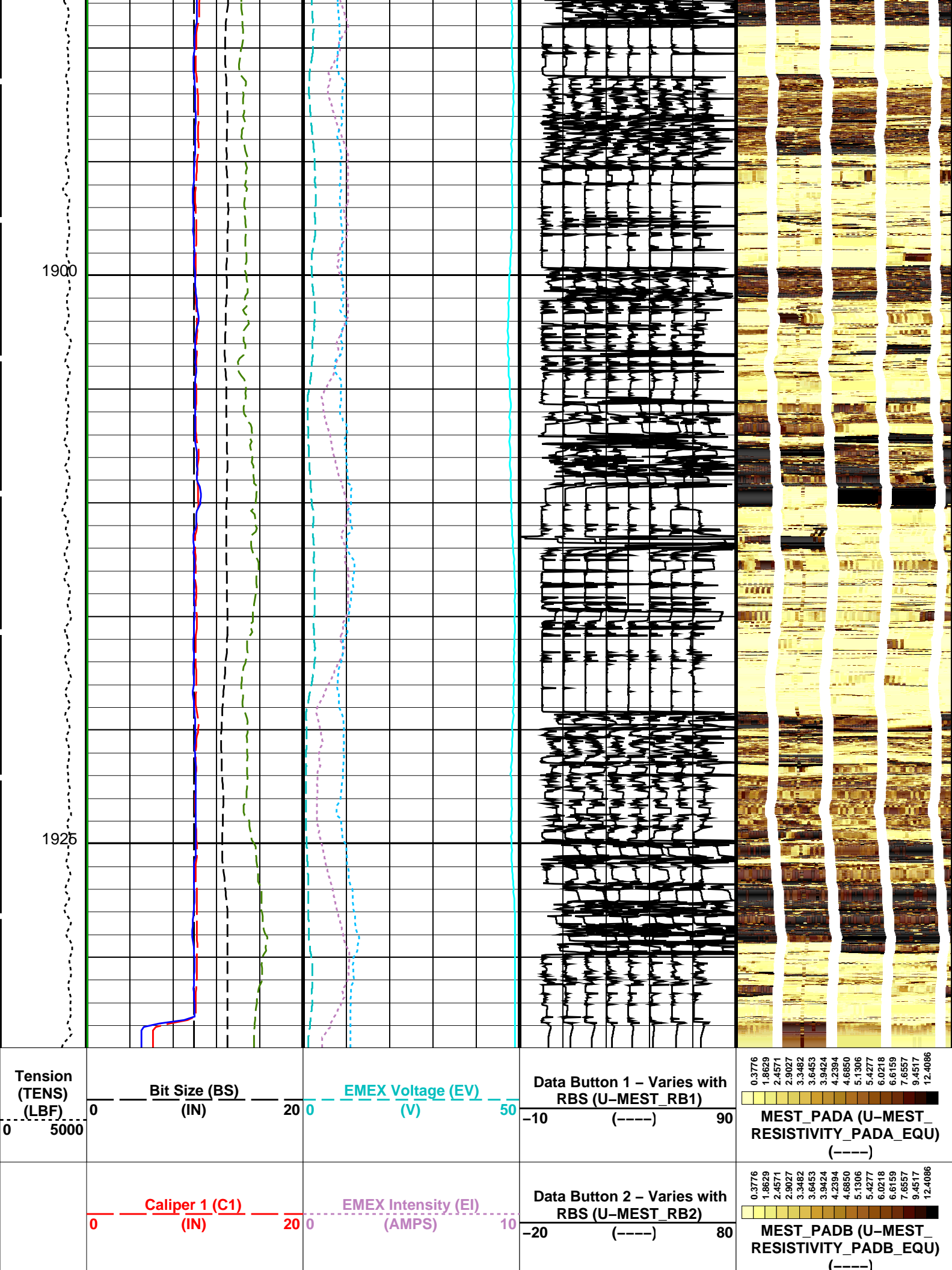




1850

1875







<div>Caliper 2 (C2)</div> <div>0 (IN) 20</div>		<div>Data Button 3 – Varies with RBS (U-MEST_RB3)</div> <div>-30 (----) 70</div>	<div> <div> 0.3776 1.8629 2.4571 2.9027 3.3482 3.6453 3.9424 4.2394 4.6850 5.1306 5.4277 6.0218 6.6159 7.6557 9.4517 12.4086 </div> <div>MEST_PADC (U-MEST_RESISTIVITY_PADC_EQU)</div> <div>(----)</div> </div>
<div>Deviation (DEVIM)</div> <div>0 (DEG) 10</div>		<div>Data Button 4 – Varies with RBS (U-MEST_RB4)</div> <div>-40 (----) 60</div>	<div> <div> 0.3776 1.8629 2.4571 2.9027 3.3482 3.6453 3.9424 4.2394 4.6850 5.1306 5.4277 6.0218 6.6159 7.6557 9.4517 12.4086 </div> <div>MEST_PADD (U-MEST_RESISTIVITY_PADD_EQU)</div> <div>(----)</div> </div>
<div>Gamma Ray (GR_EDTC)</div> <div>0 (GAPI) 150</div>		<div>Data Button 5 – Varies with RBS (U-MEST_RB5)</div> <div>-50 (----) 50</div>	
<div>Hole Azimuth (HAZIM)</div> <div>-40 (DEG) 360</div>		<div>Data Button 6 – Varies with RBS (U-MEST_RB6)</div> <div>-60 (----) 40</div>	
<div>Pad One Azimuth (P1AZ_MEST)</div> <div>-40 (DEG) 360</div>		<div>Data Button 7 – Varies with RBS (U-MEST_RB7)</div> <div>-70 (----) 30</div>	
<div>Relative Bearing (RB_MEST)</div> <div>-40 (DEG) 360</div>		<div>Data Button 8 – Varies with RBS (U-MEST_RB8)</div> <div>-80 (----) 20</div>	

### 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	-12.9287 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
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	NORMAL

Format: MEST\_C\_WRAP\_BY\_P1AZ    Vertical Scale: 1:200    Graphics File Created: 30-May-2023 17:03

### 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

### Input DLIS Files

DEFAULT	FMS_DSI_NGS_097LUP	FN:93	PRODUCER	27-May-2023 20:16	1934.0 M	859.9 M
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### Output DLIS Files

DEFAULT	FMS_DSI_NGS_123PUP	FN:117	PRODUCER	30-May-2023 17:03
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# MAXIS Field Log

## Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner – B (Slim) Wellsite Calibration – Caliper Calibration							
Before: 8–May–2023 14:29							
Caliper 1 Zero Measurement	7.625	N/A	8.269	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	7.625	N/A	8.050	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	11.94	N/A	12.88	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	11.94	N/A	12.64	N/A	N/A	N/A	IN
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET ACCELEROMETER				PROM HAS BEEN READ CORRECTLY			
Before: 27–May–2023 15:11							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	743	N/A	N/A	N/A	
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET MAGNETOMETER				PROM HAS BEEN READ CORRECTLY			
Before: 27–May–2023 15:11							
TEMPERATURE REFERENCE :	N/A	N/A	23	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	9	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	507	N/A	N/A	N/A	
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check							
Master: 19–Apr–2023 20:22 Before: 8–May–2023 15:06							
Na 511 Peak Loc	40.00	38.56	38.74	N/A	N/A	1.000	
Na 511 Peak Res	15.50	16.82	15.90	N/A	N/A	2.000	%
High Voltage	1150	1206	1209	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	139.2	139.2	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	9.087	8.708	N/A	N/A	2.000	%
Temperature	15.50	26.64	27.44	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	47.40	47.39	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check							
Master: 19–Apr–2023 20:22 Before: 8–May–2023 15:06							
Na 511 Peak Loc	40.00	39.72	39.64	N/A	N/A	1.000	
Na 511 Peak Res	15.50	15.41	16.74	N/A	N/A	2.000	%
High Voltage	1150	1089	1092	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	142.9	143.5	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	8.753	8.927	N/A	N/A	2.000	%
Temperature	15.50	25.53	26.75	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	47.70	47.65	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2							
Master: 19–Apr–2023 20:22 Before: 8–May–2023 15:06							
Coincidence Count Rate Ratio	1.000	0.9913	0.9927	N/A	N/A	0.05000	
Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration							
Before: Calibration out of date 5–May–2022 9:27							
EDTC Z–Axis Acceleration	9.810	N/A	9.807	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration							
Before: 8–May–2023 14:48							
Gamma Ray (Jig – Bkg)	159.9	N/A	159.9	N/A	N/A	14.54	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	N/A	N/A	15.00	GAPI

## Micro Electrical Scanner – B (Slim) / Equipment Identification

### Primary Equipment:

MEST Sonde – B	MEDS – B	724
MEST Preamplifier Cartridge – AB	MEPC – AB	806
GPIT Cartridge – AC	GPIC – AC	840
MEST Acquisition Cartridge – A	MEAC – A	875

Auxiliary Equipment:

MEST-B Preamplifier Cartridge Housing

MEST Acquisition Cartridge Housing (Slim)

MEPH – A

MEAH – B

701

726

## Hostile Natural Gamma Ray Cartridge – B / Equipment Identification

Primary Equipment:

HNGC Cartridge

HNGC – B

300

Auxiliary Equipment:

HNGC Housing

HNGH – A

115

## Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:

HNGS Sonde

HNGS – BA

177

Auxiliary Equipment:

HNGS Sonde Housing

HNSH – BA

174

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		38.56	Master		16.82	Master		1206
Before		38.74	Before		15.90	Before		1209
	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		139.2	Master		9.087	Master		26.64
Before		139.2	Before		8.708	Before		27.44
	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		47.40						
Before		47.39						
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)							
Master: 19-Apr-2023 20:22			Before: 8-May-2023 15:06					


## Hostile Natural Gamma Ray Sonde Wellsite Calibration

## Detector 2 Check


Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		39.72	Master		15.41	Master		1089
Before		39.64	Before		16.74	Before		1092
	37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)			12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)			900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)	
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		142.9	Master		8.753	Master		25.53
Before		143.5	Before		8.927	Before		26.75
	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		47.70						
Before		47.65						
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)							
Master: 19-Apr-2023 20:22			Before: 8-May-2023 15:06					

Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		0.9913
Before		0.9927
	0.9500 (Minimum) 1.000 (Nominal) 1.050 (Maximum)	
Master: 19-Apr-2023 20:22		
Before: 8-May-2023 15:06		

Enhanced DTS Cartridge / Equipment Identification		
Primary Equipment:		
EDTC Gamma Ray Detector	EDTG – A/B	77693
Enhanced DTS Cartridge	EDTC – B	8529
Auxiliary Equipment:		
EDTC Housing	EDTH – B	8528

Enhanced DTS Cartridge Wellsite Calibration		
EDTC Accelerometer Calibration		
Phase	EDTC Z-Axis Acceleration M/S2	Value
Before		9.807
	9.610 (Minimum) 9.810 (Nominal) 10.01 (Maximum)	
Before: Calibration out of date 5-May-2022 9:27		

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	<div><div></div></div>		6.122	Before	<div><div></div></div>		159.9	Before	<div><div></div></div>		165.0
	0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)		145.4 (Minimum)	159.9 (Nominal)	174.4 (Maximum)		150.0 (Minimum)	165.0 (Nominal)	180.0 (Maximum)
Before: 8-May-2023 14:48											

Company:	International Ocean Discovery Program	
Well:	Expedition 399, Site U1601C	
Field:	Building Blocks of Life, Atlantis Massif	
Rig:	JOIDES Resolution	
Country:	Portugal	
DSST		
FMS		