

Schlumberger

Company: International Ocean Discovery Program

Well: **Expedition 401, Site U1611A**

Field: **Mediterranean–Atlantic Gateway Exchange**Rig: **JOIDES Resolution** Country: **Spain**

HNGS, DSI, GPIT

Gamma, Sonic, Incline

Latitude: N 36° 18.7537'
Longitude: W 04° 31.2717'

Elev.:	K.B.	0.00 m
	G.L.	-821.40 m
	D.F.	0.00 m

Permanent Datum:	<u>Sea Floor</u>	Elev.: <u>-821.40 m</u>
Log Measured From:	<u>Rig Floor</u>	821.40 m above Perm. Datum
Drilling Measured From:	<u>Rig Floor</u>	

Ocean: editerranean	Max. Well Deviation 14 deg	Longitude W 04* 31.2717'	Latitude N 36* 18.7537'
------------------------	-------------------------------	-----------------------------	----------------------------





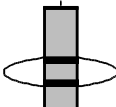
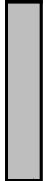
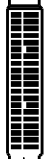
























Logging Date				30-Jan-2024			
Run Number				2			
Depth Driller				2103.3 m			
Schlumberger Depth				1565 m			
Bottom Log Interval				1565 m			
Top Log Interval				810 m			
Casing Driller Size @ Depth				0.000 in		@ 0 m	
Casing Schlumberger				0 m			
Bit Size				9.875 in			
Type Fluid In Hole				Seawater			
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		0.236 @ 20		@ 20	
Maximum Recorded Temperatures				20 degC			
Circulation Stopped			Time		28-Jan-2024		21:00
Logger On Bottom			Time		30-Jan-2024		7:27
Unit Number		Location		627314		Larose, LA	
Recorded By				K. Garrett			
Witnessed By				B. Rhinehart			

Logging Date			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth		@	
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			
WELL	Density	Viscosity	
	Fluid Loss	PH	
	Source Of Sample		
	RM @ Measured Temperature		@
	RMF @ Measured Temperature		@
	RMC @ Measured Temperature		@
	Source RMF	RMC	
	RM @ MRT	RMF @ MRT	@ @
	Maximum Recorded Temperatures		
	Circulation Stopped	Time	
	Logger On Bottom	Time	
	Unit Number	Location	
	Recorded By		
	Witnessed By		

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.

	EQUIPMENT	DESCRIPTION	
RUN 1			RUN 2

EDTH-B 8226	EFIB DIAG		
EDTC-B 8081	TelStatus		
EDTG-A/B 79159	EDTCB Ele		27.77
HNGS-BA	Upper_1		27.07
HNGS-BA 177	Lower_2		26.86
HNSH-BA 174			27.77
HNGC-B	HNGC Stat		24.74
HNGH-A 115			25.27
AH-MCD			24.21
AH-MCD 82			
DSST-B			21.93
SPAC-B 8128			
ECH-SD 8127			
SMDR-BD 8227			
SSIJ-BA 8204			
SMDX-AA 8131			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			

Schlumberger

Downlog

MAXIS Field Log

Input DLIS Files

DEFAULT Flip_DSI_NGS_024LUP PRODUCER 30-Jan-2024 08:27 1537.7 M 786.4 M

Output DLIS Files

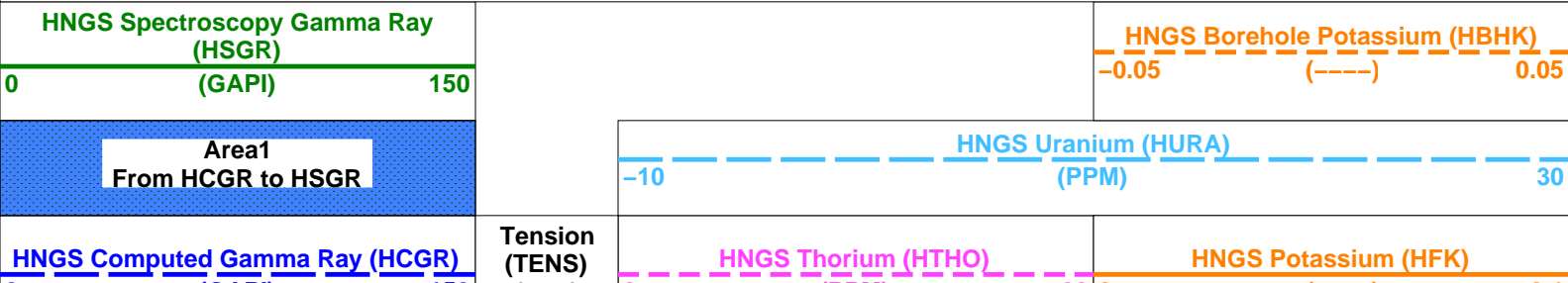
DEFAULT DSI_NGS_025PUP FN:22 PRODUCER 30-Jan-2024 08:53 1538.5 M 786.4 M

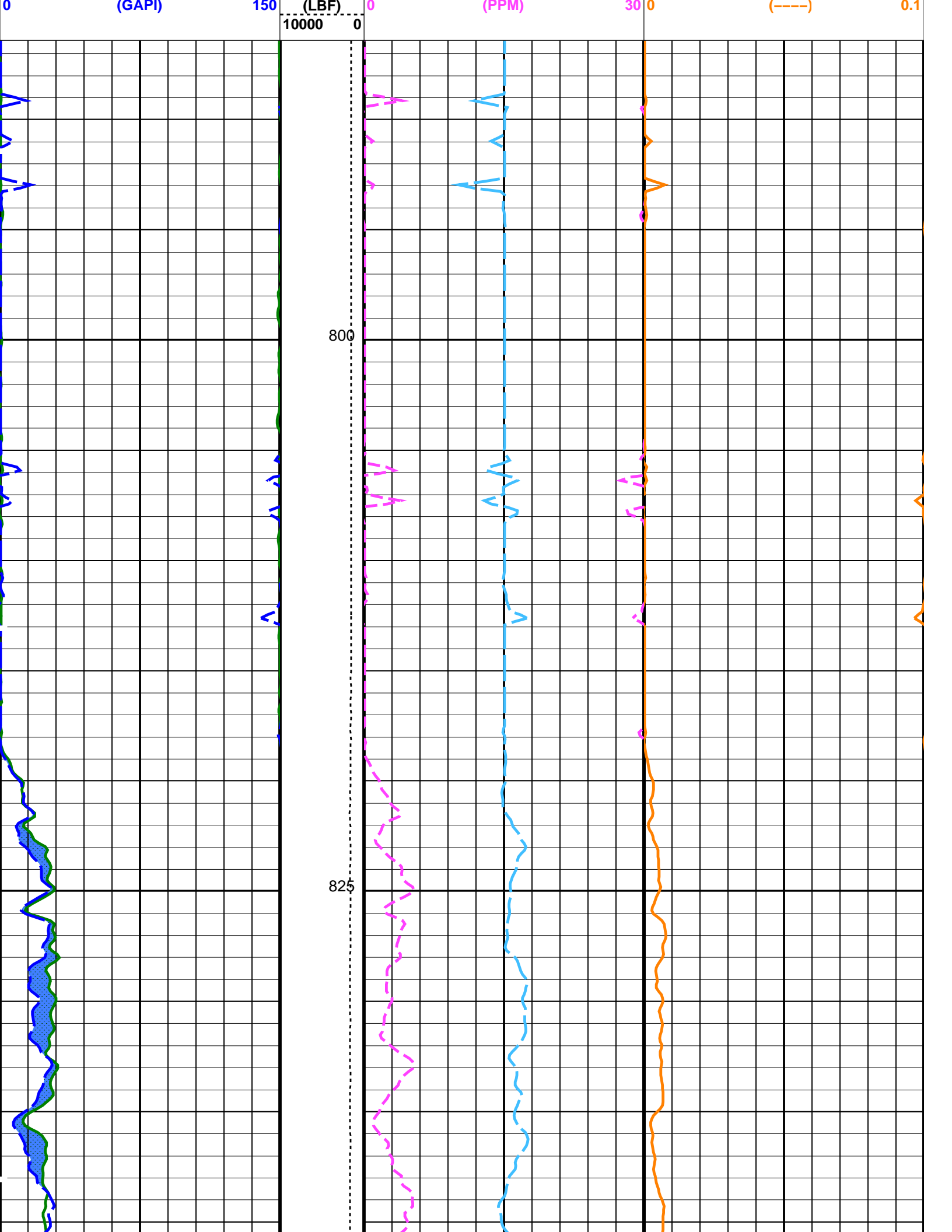
OP System Version: 19C0-187

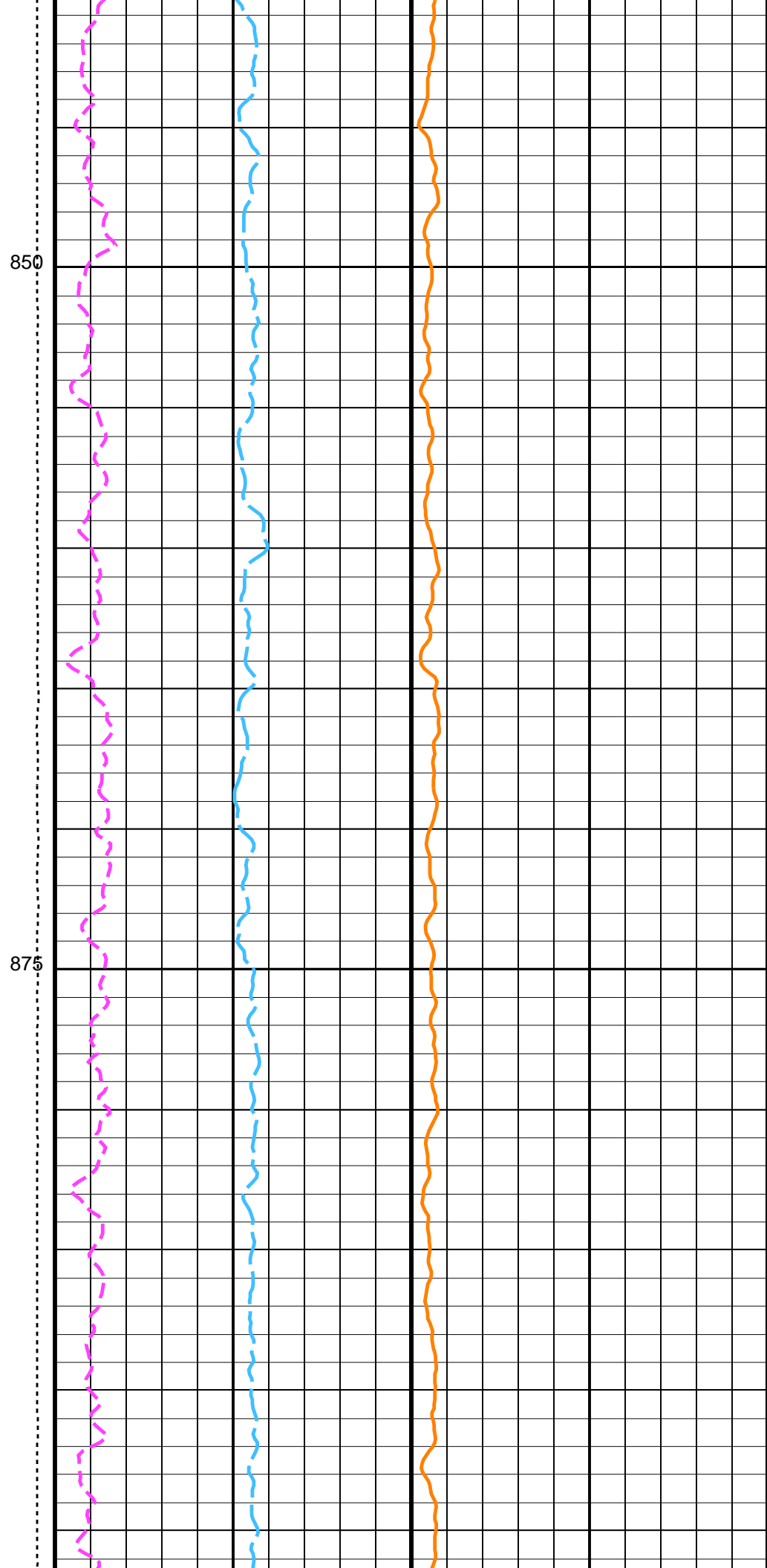
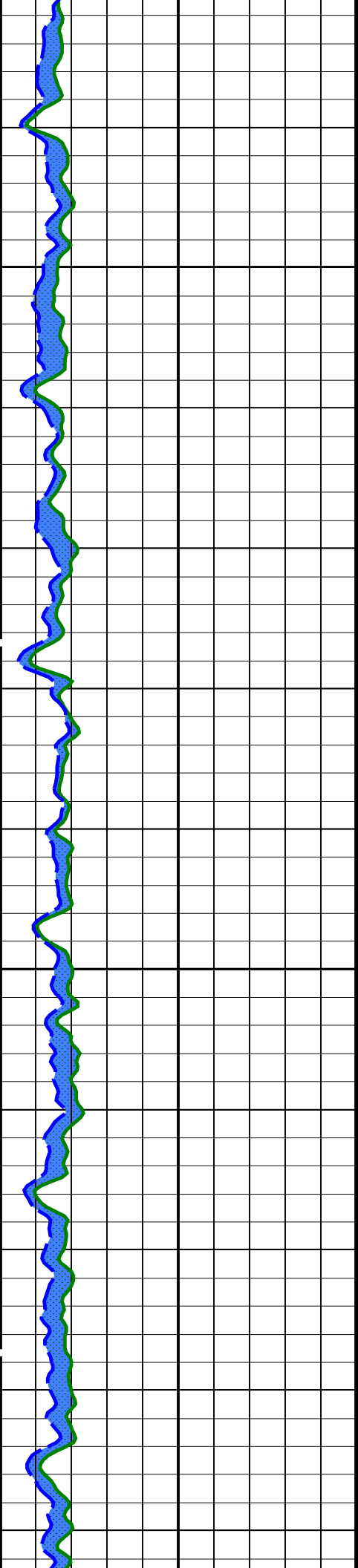
GPIT-A/B 19C0-187 DTA-A 19C0-187
DSST-B 19C0-187 HNGC-B 19C0-187
HNGS-BA 19C0-187 EDTC-B 19C0-187

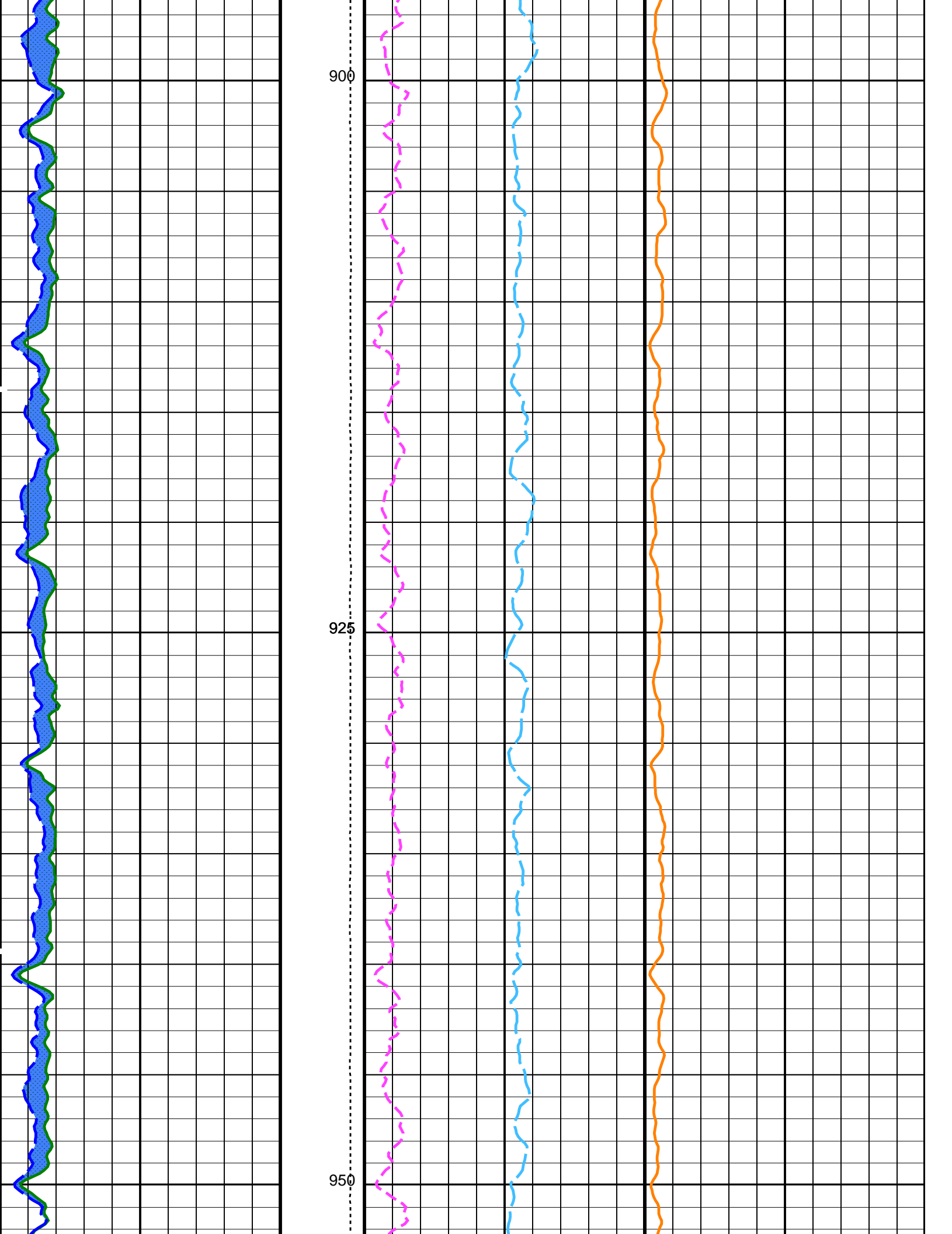
PIP SUMMARY

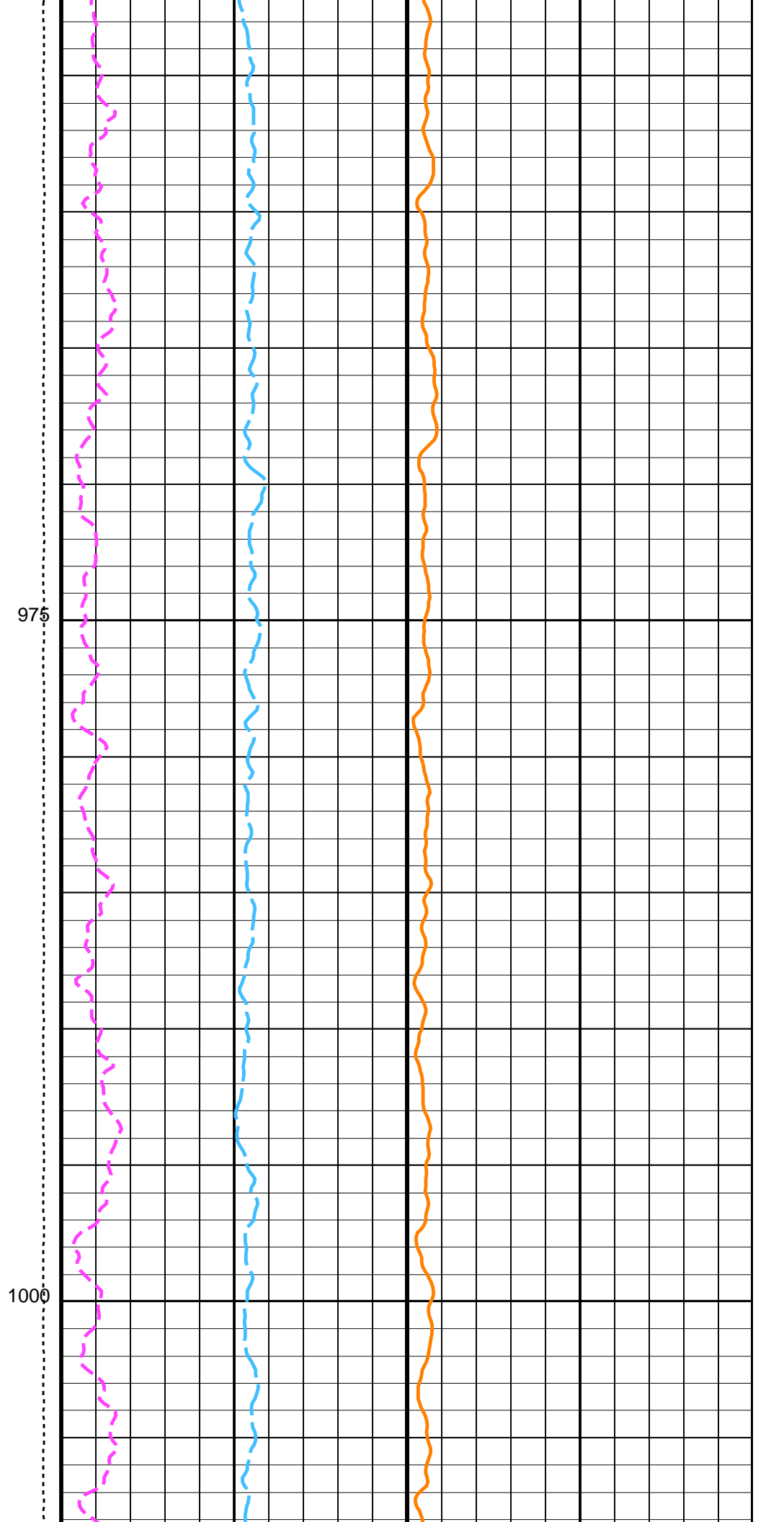
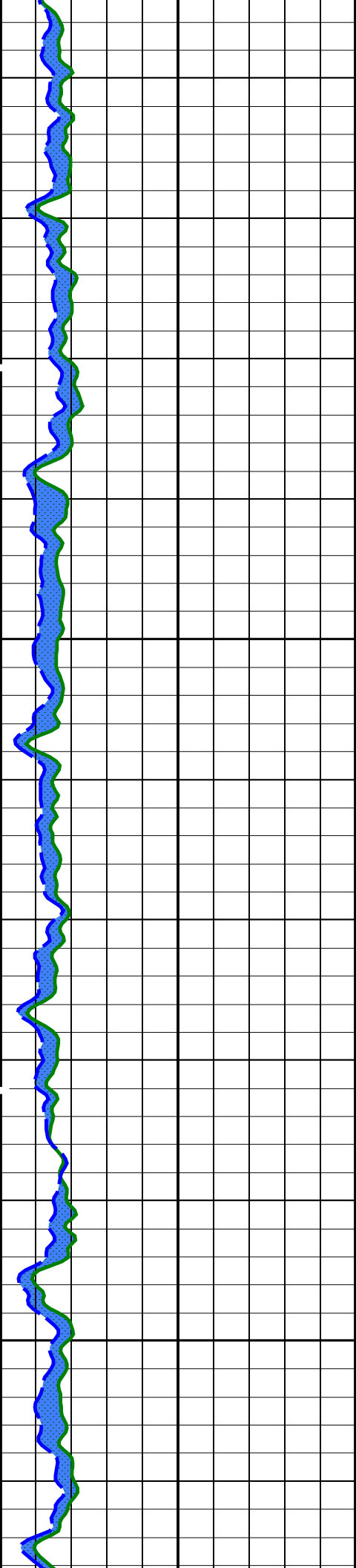
Time Mark Every 60 S

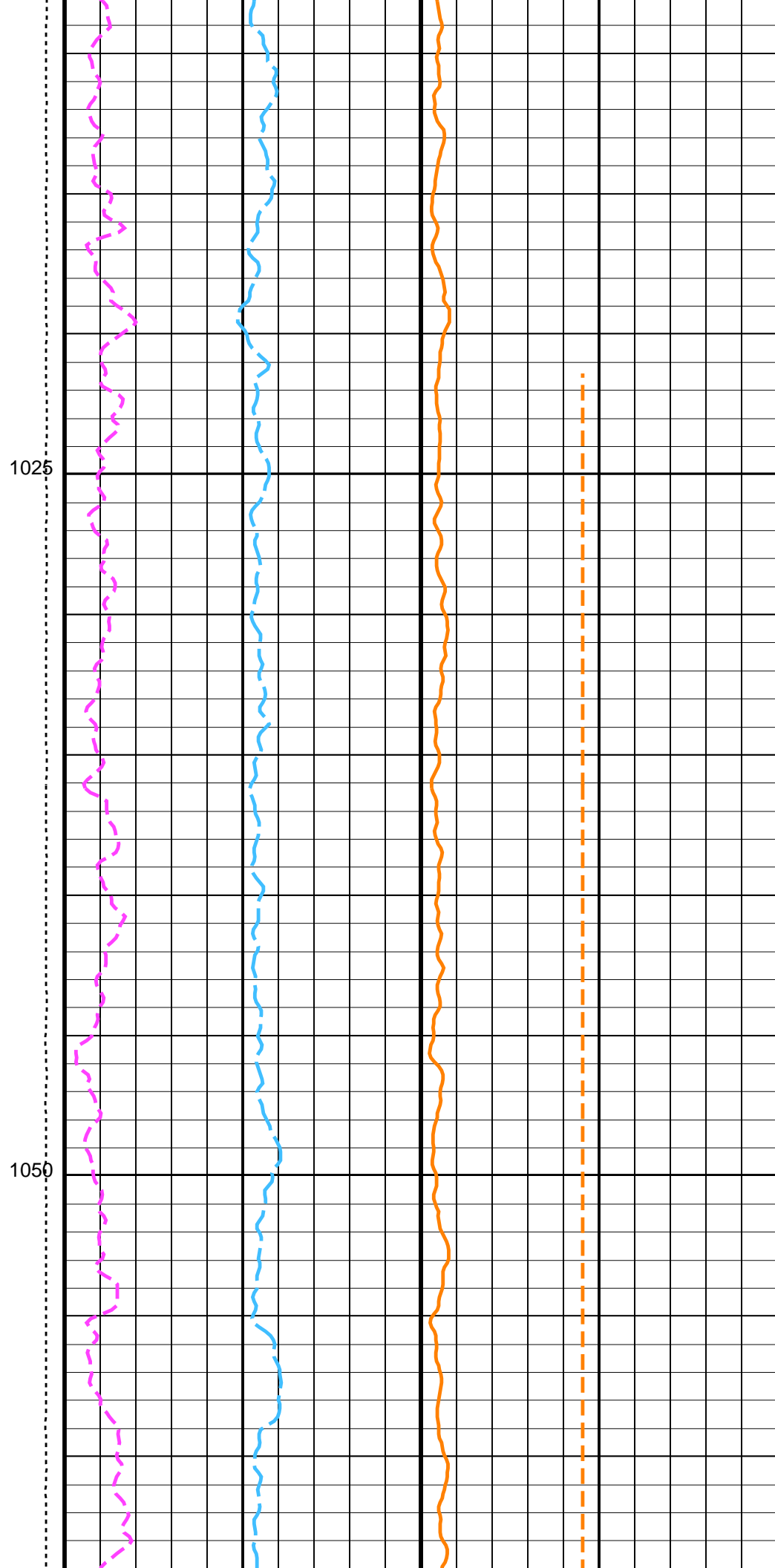
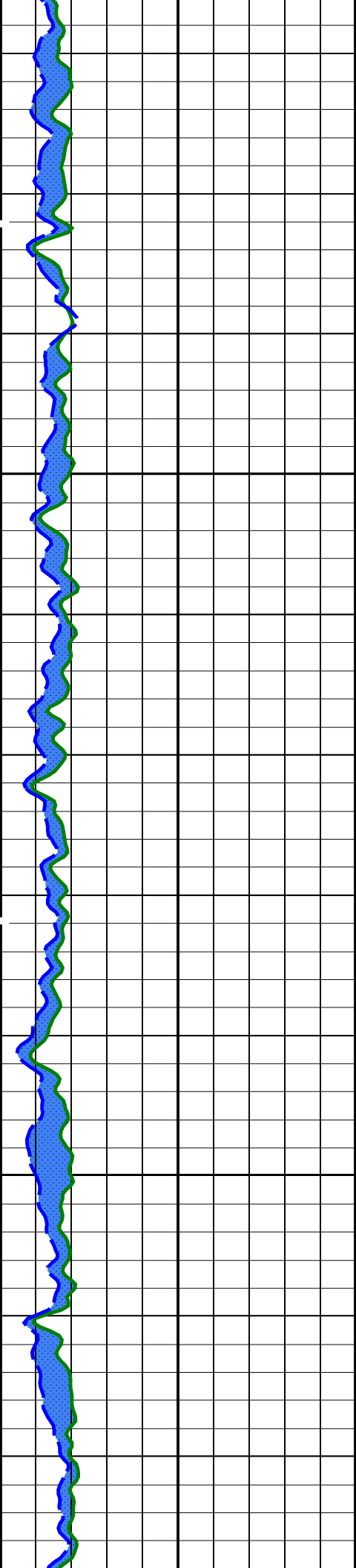


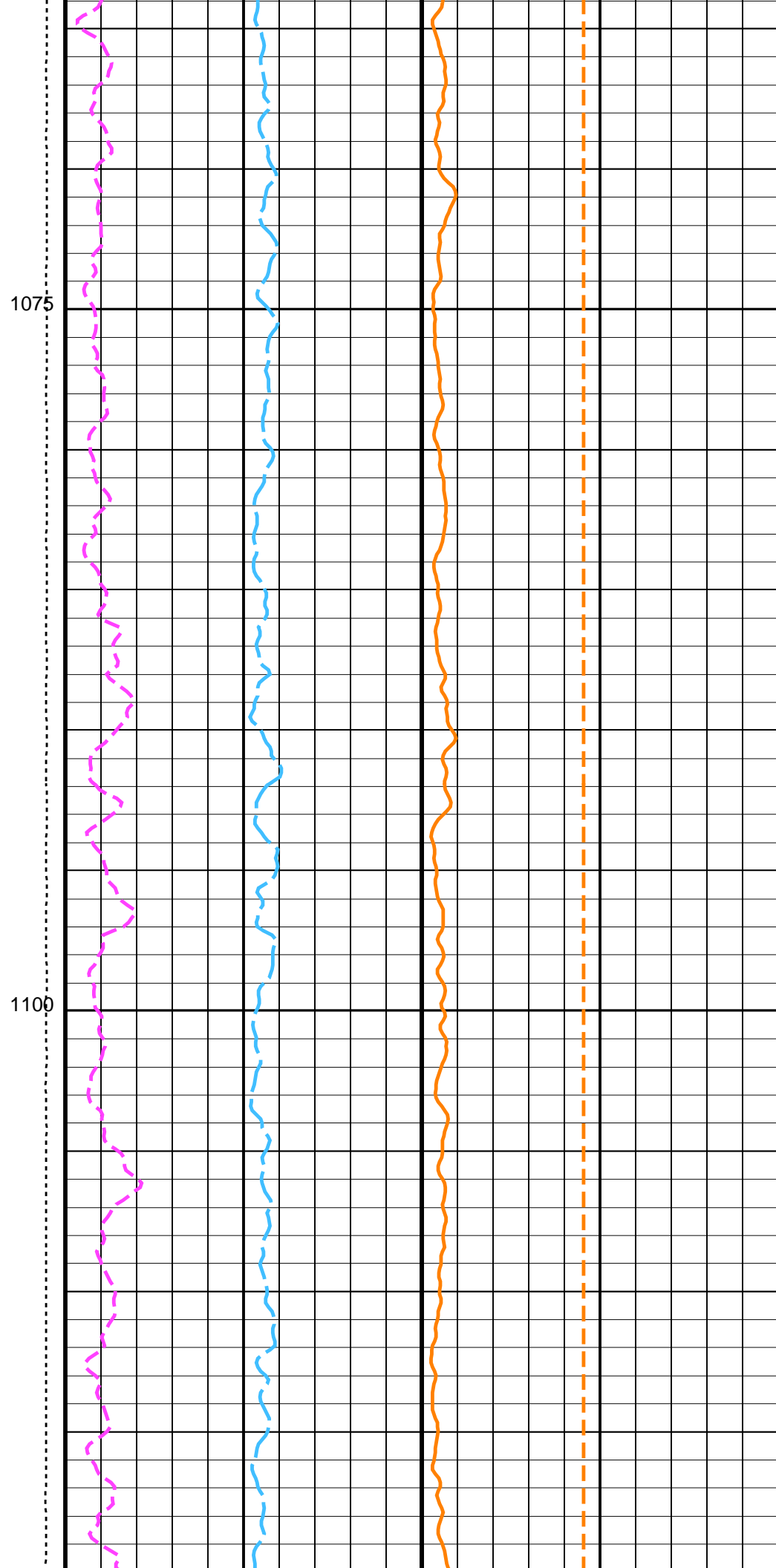
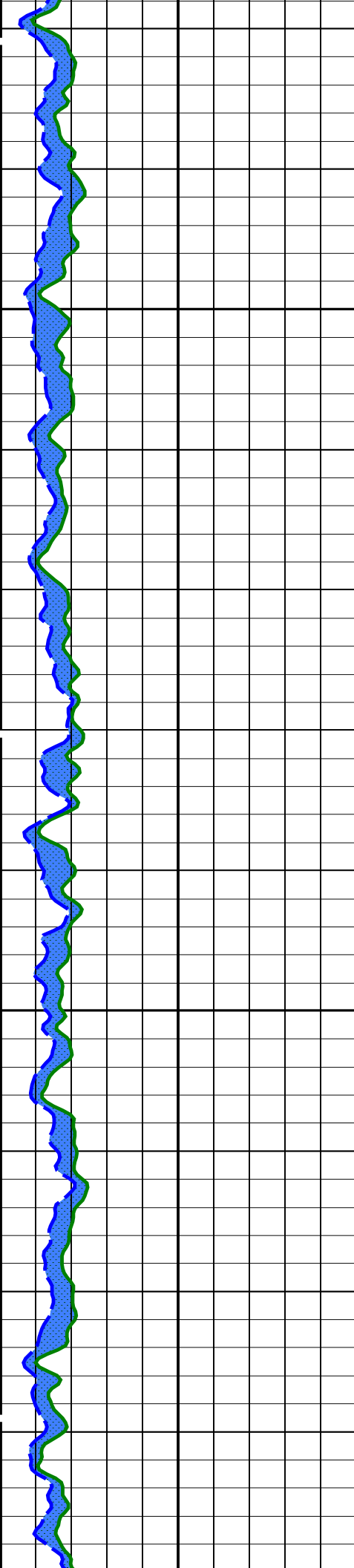


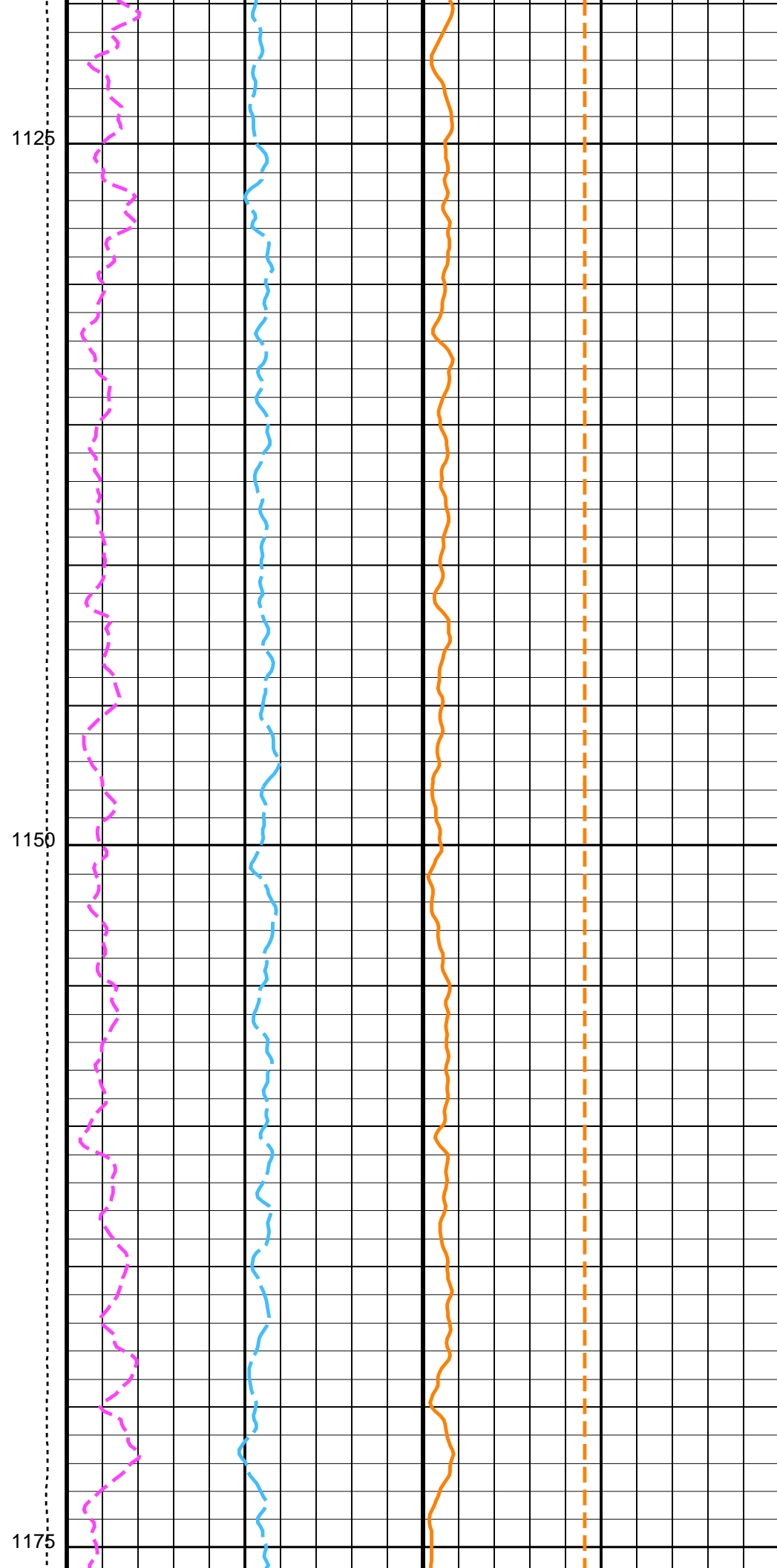
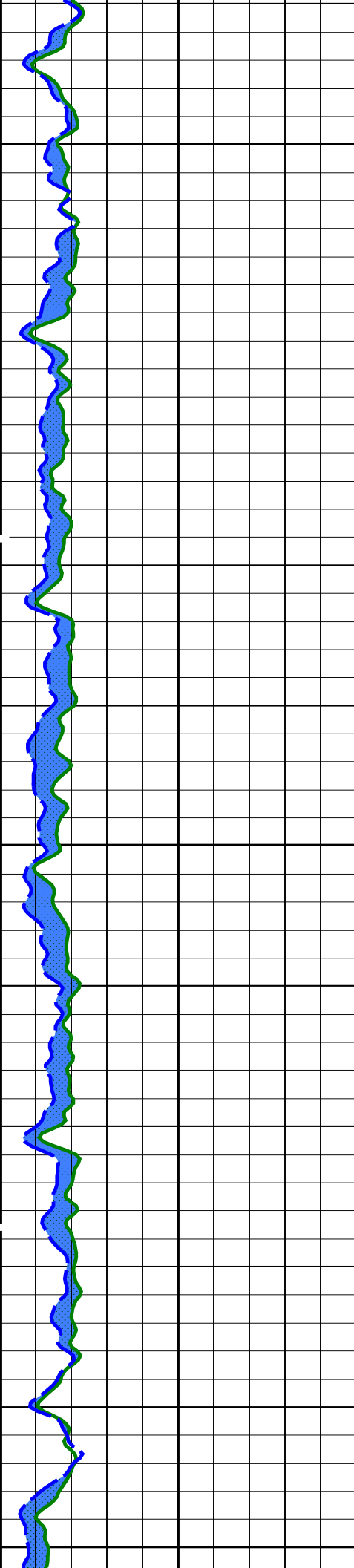


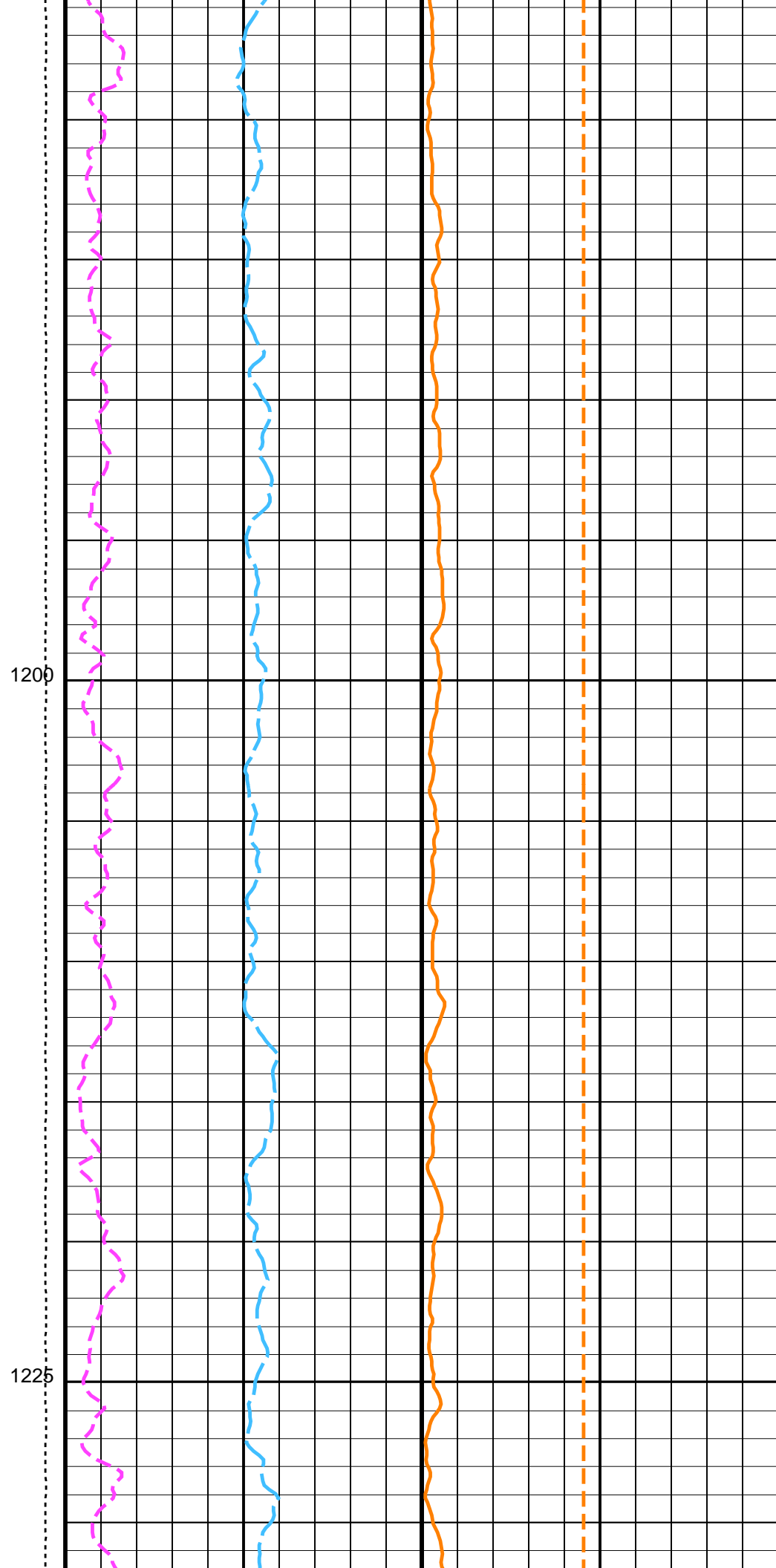
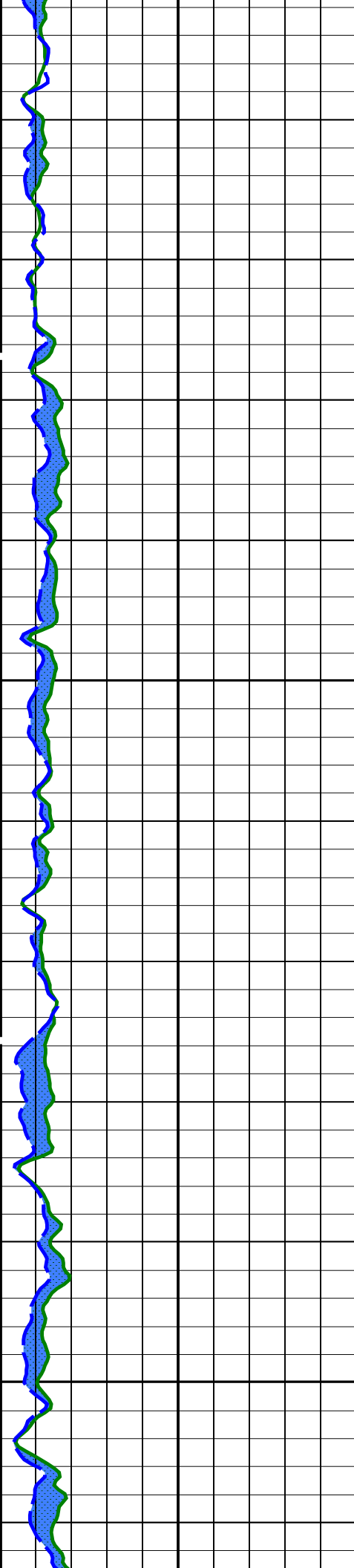


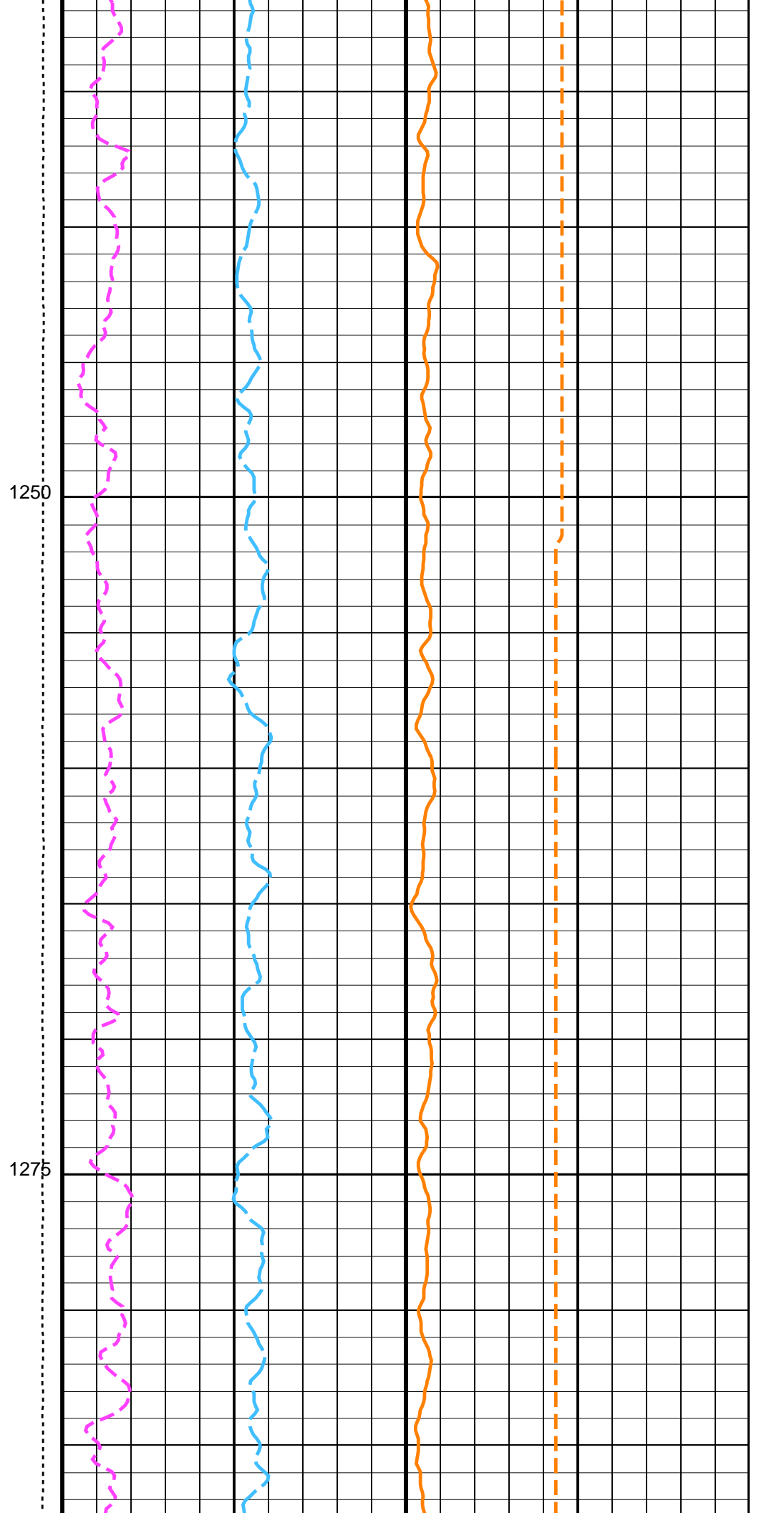
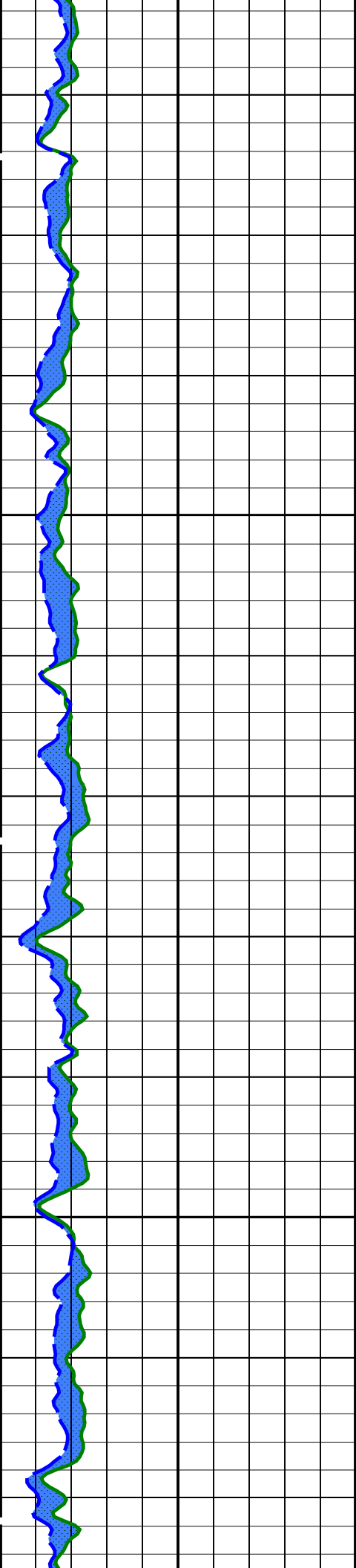


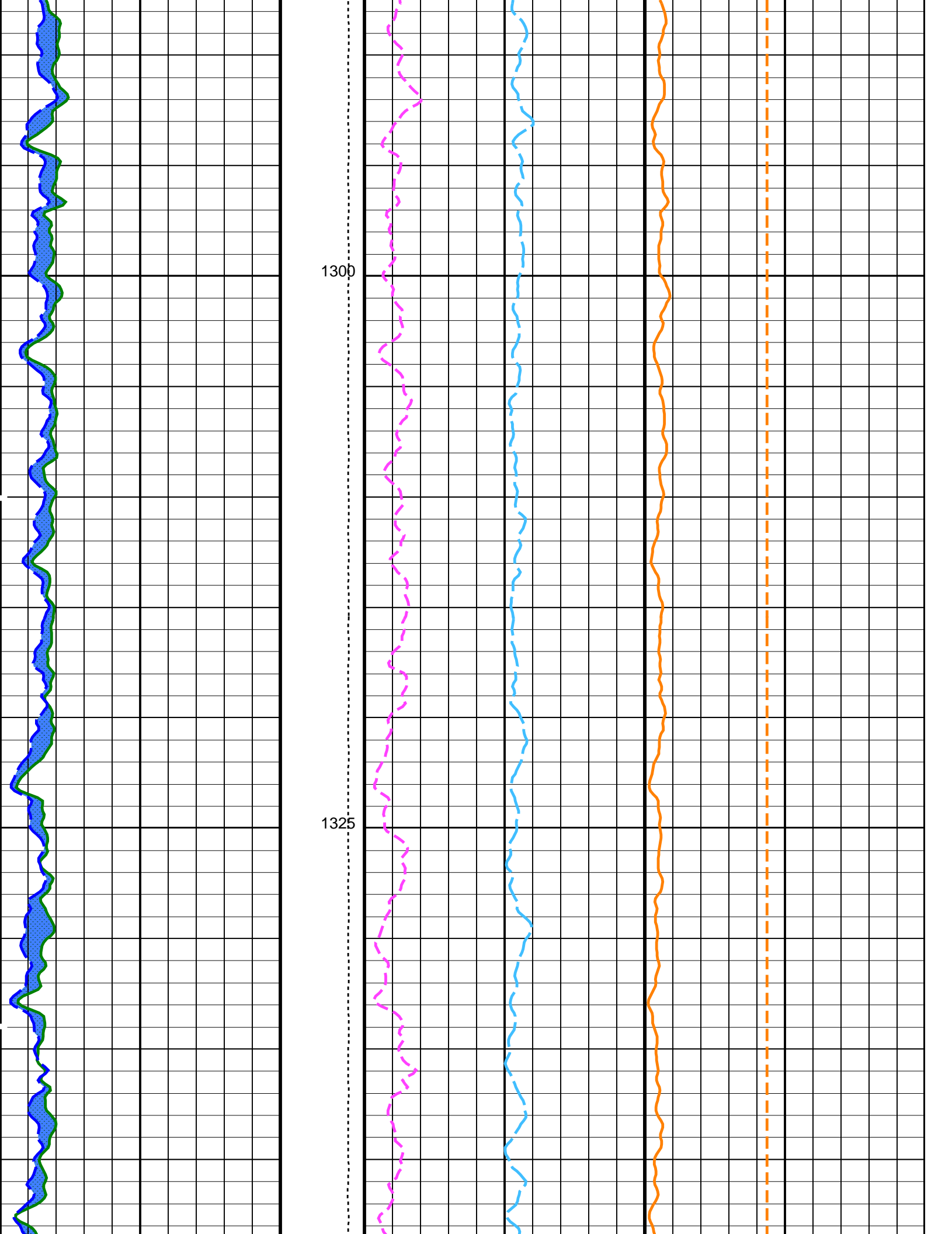


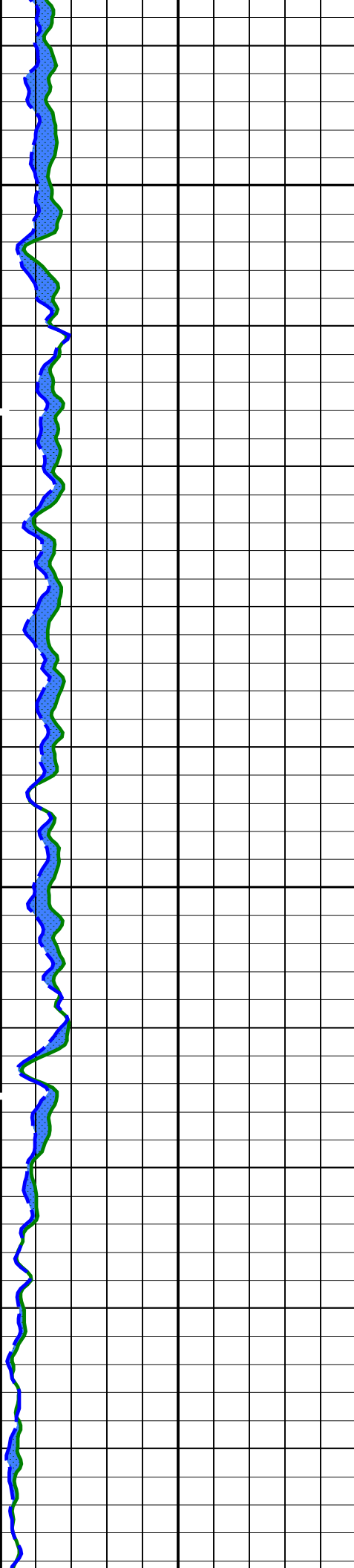






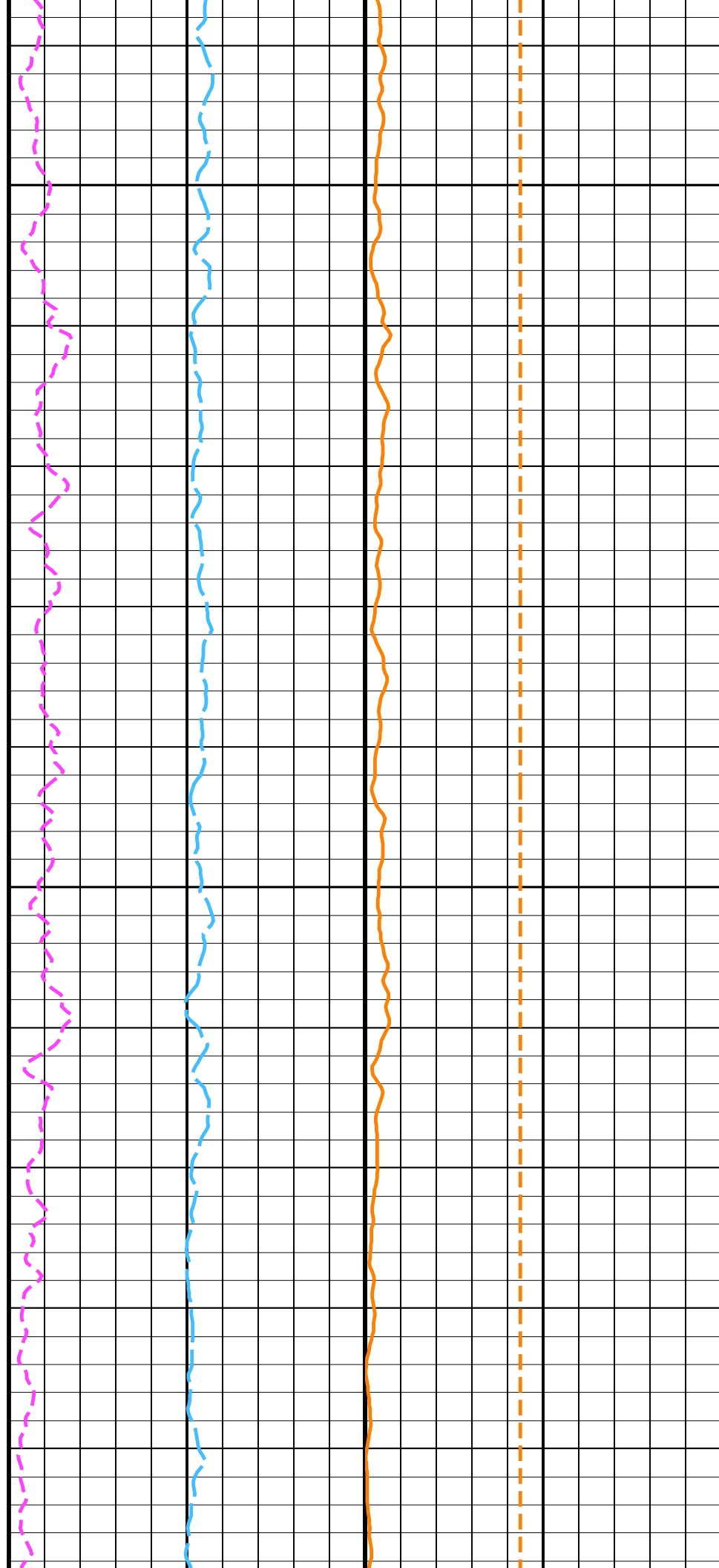


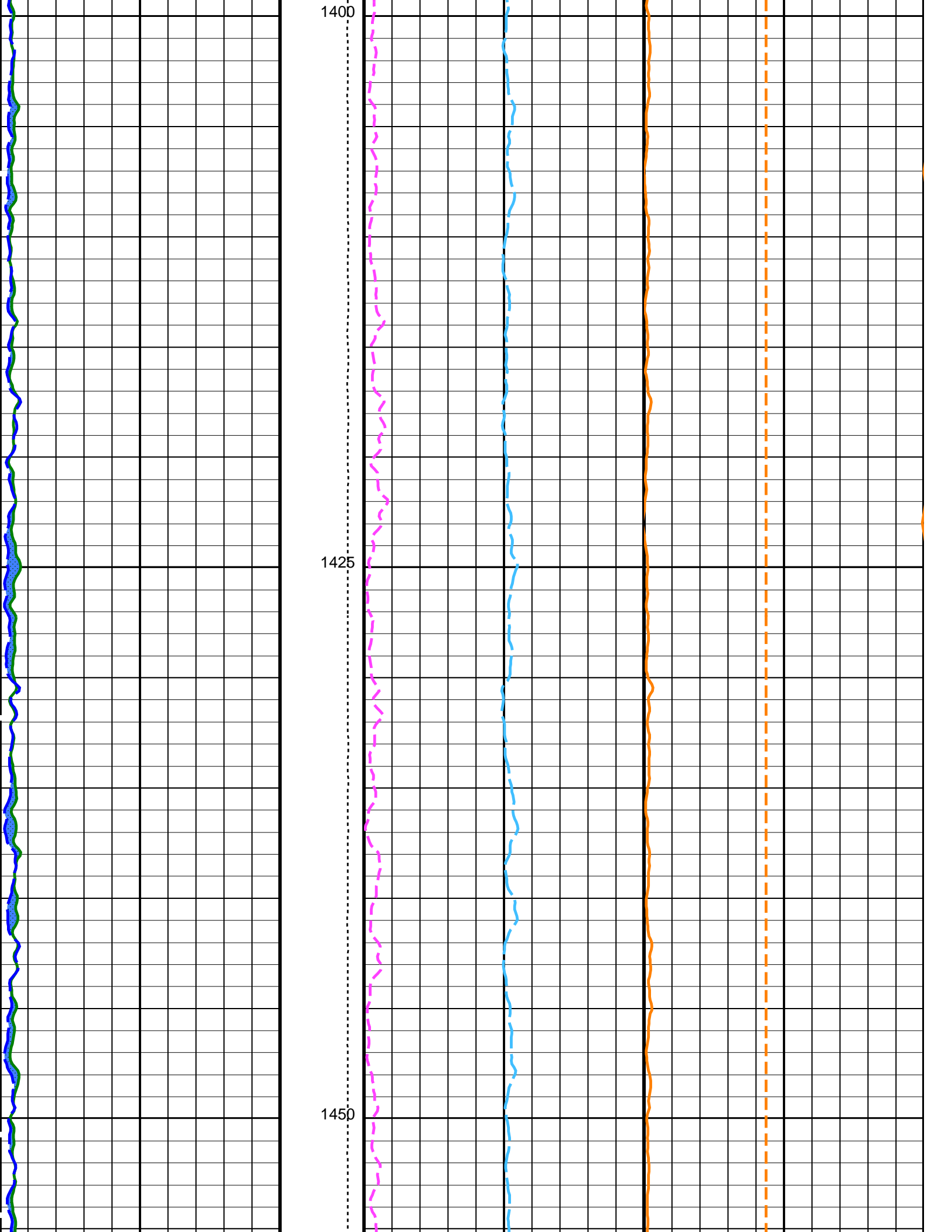


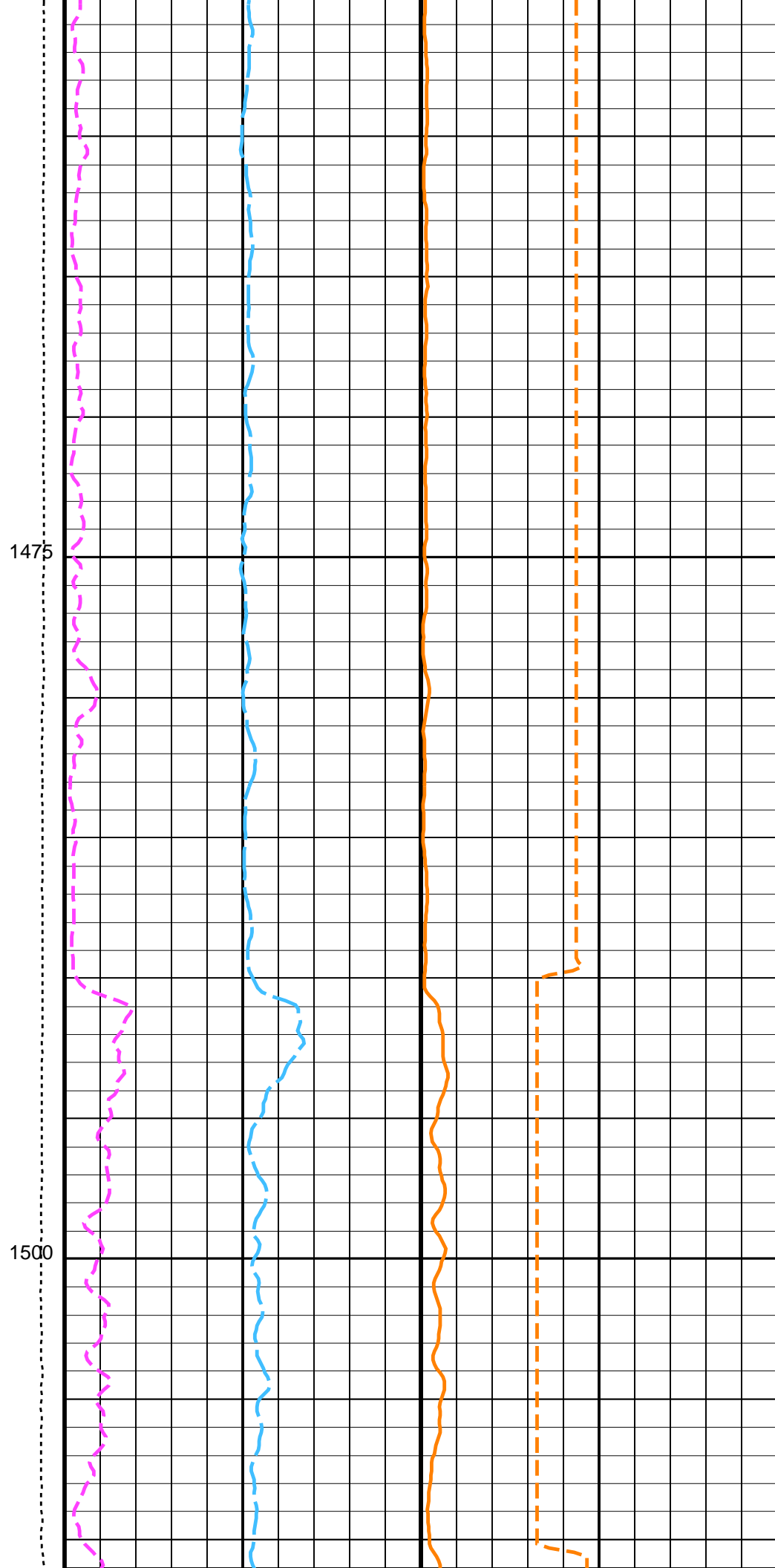
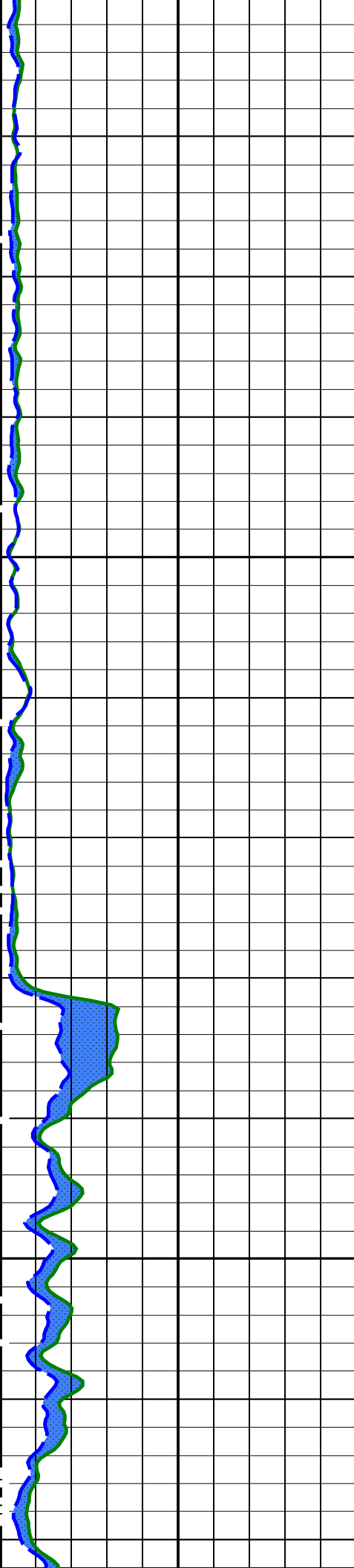


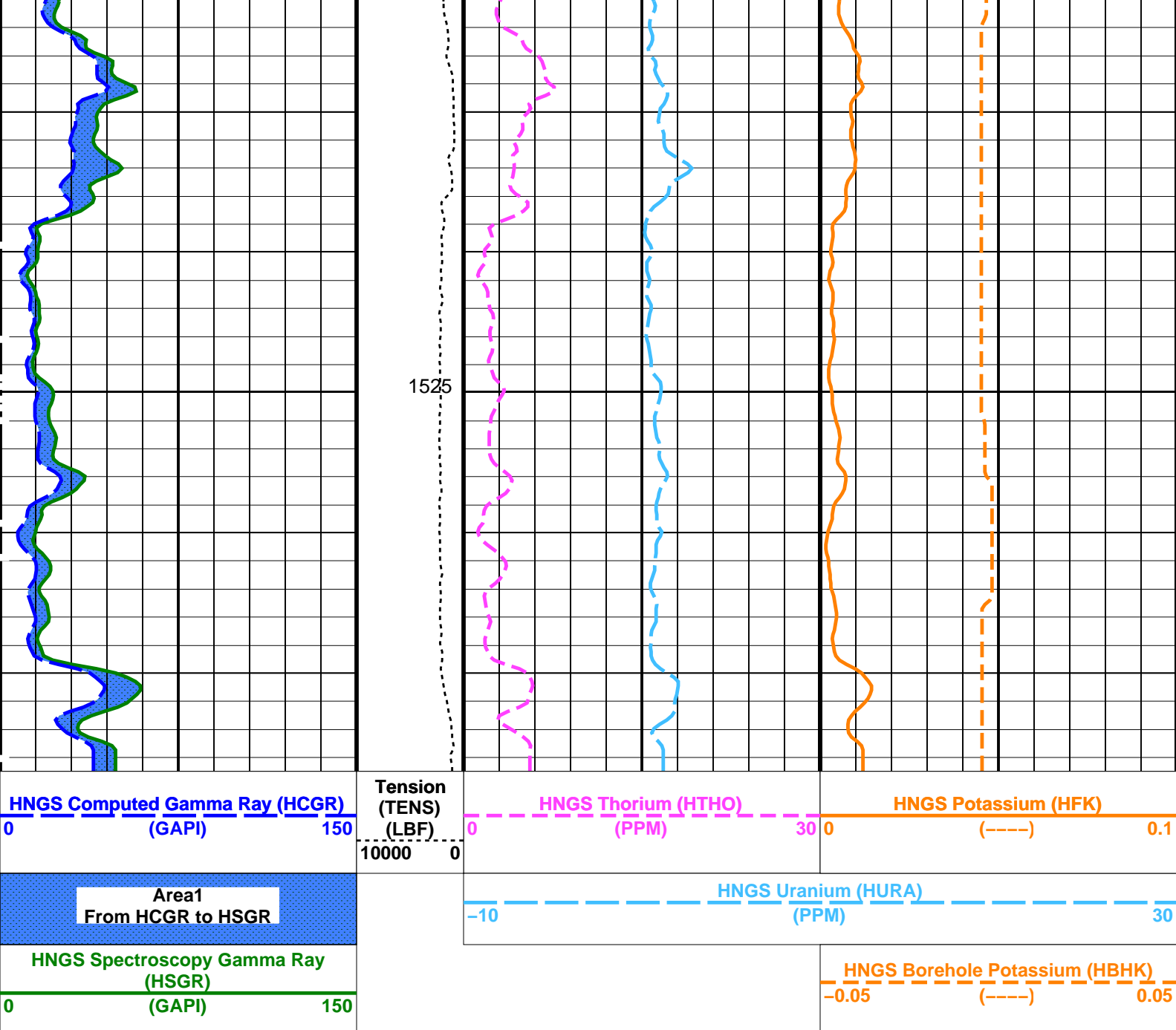
1350

1375









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	-0.00528438	
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	0.970341	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.953192	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	BS	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	9.00	LB/G
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 30-Jan-2024 08:53

OP System Version: 19C0-187			
GPIT-A/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_DSI_NGS_024LUP	PRODUCER	30-Jan-2024 08:27	1537.7 M	786.4 M
Output DLIS Files					
DEFAULT	DSI_NGS_025PUP	FN:22	PRODUCER	30-Jan-2024 08:53	

Company: International Ocean Discovery Program Well: Expedition 401, Site U1611A

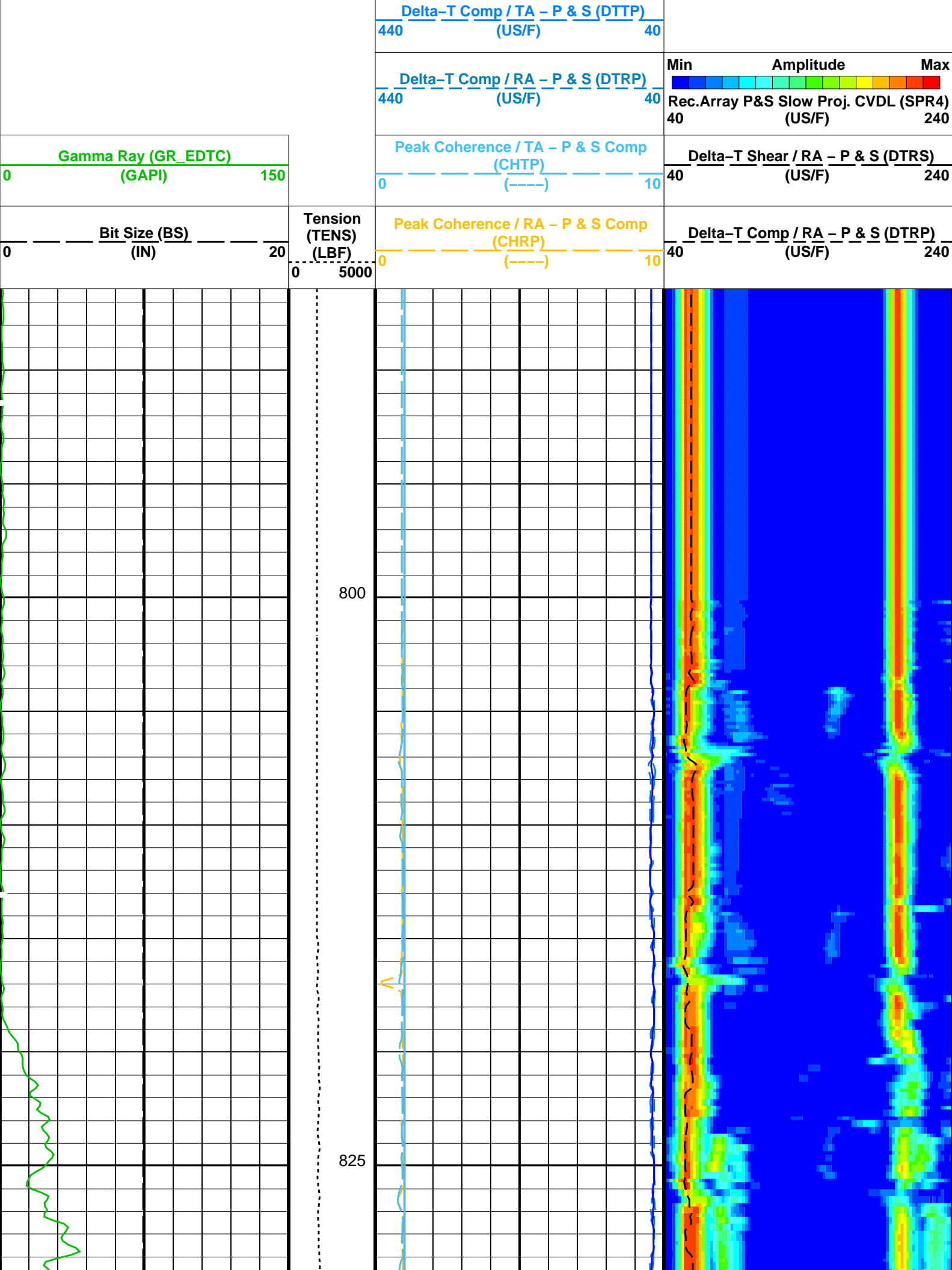
Input DLIS Files					
DEFAULT	Flip_DSI_NGS_024LUP	PRODUCER	30-Jan-2024 08:27	1537.7 M	786.4 M
Output DLIS Files					
DEFAULT	DSI_NGS_025PUP	FN:22	PRODUCER	30-Jan-2024 08:53	1538.5 M

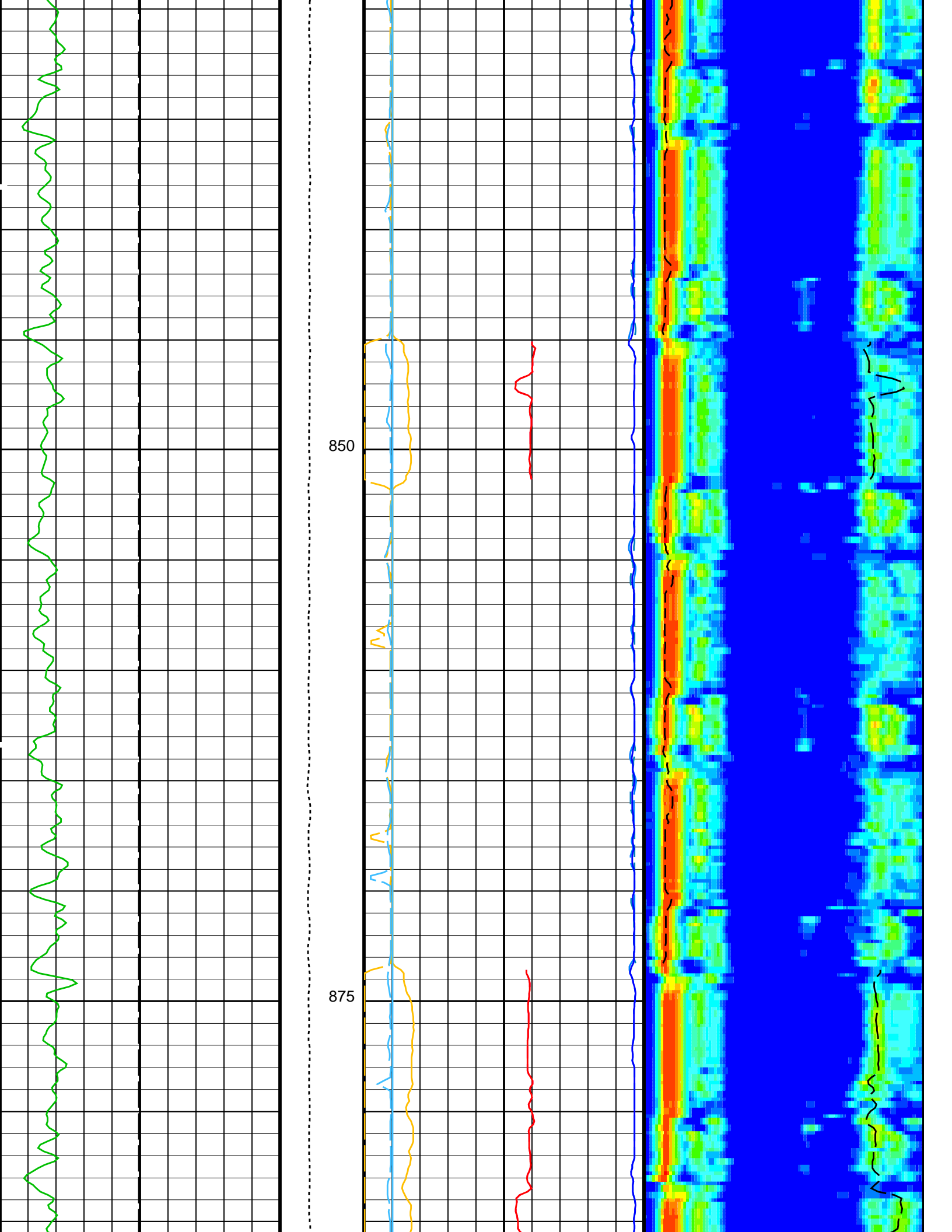
OP System Version: 19C0-187			
GPIT-A/B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

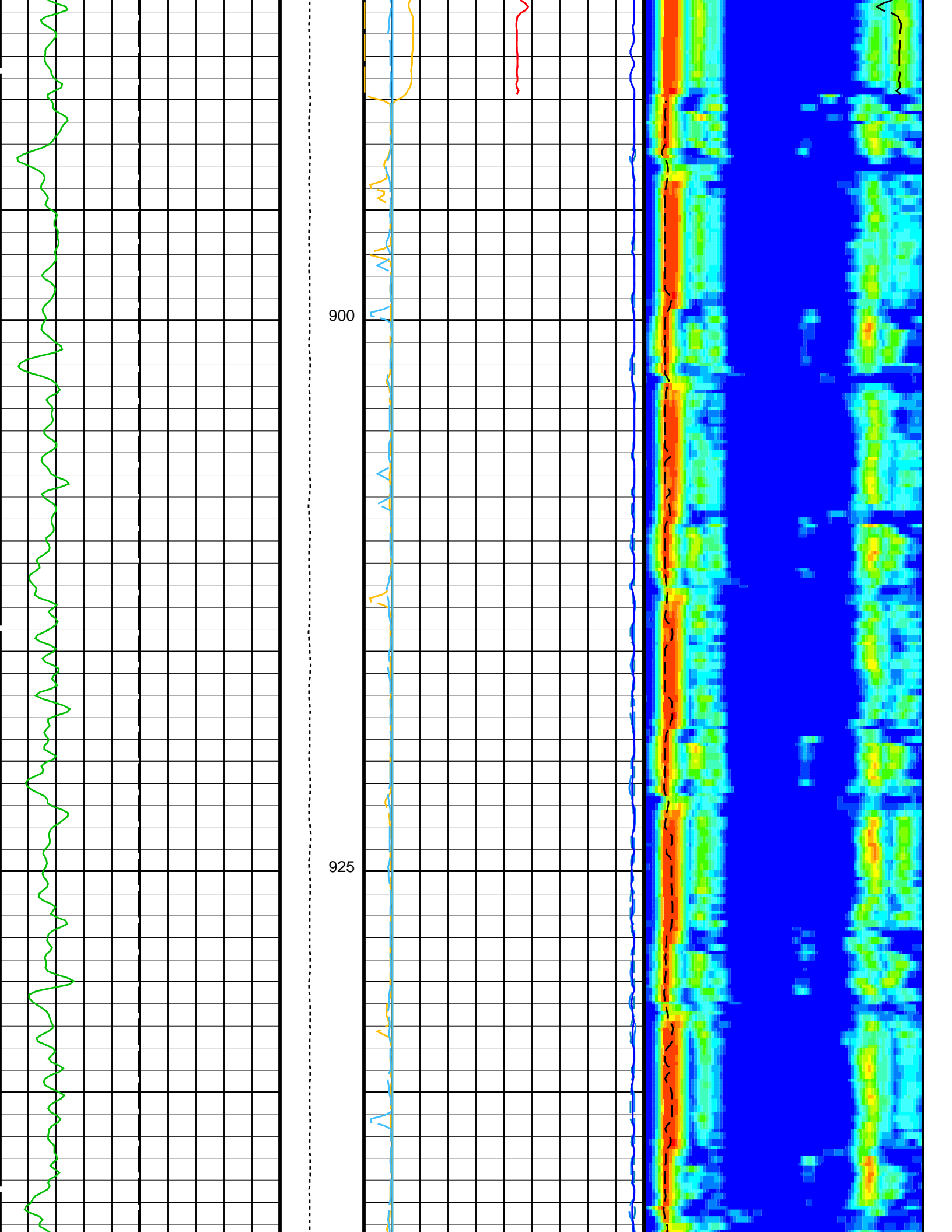
PIP SUMMARY

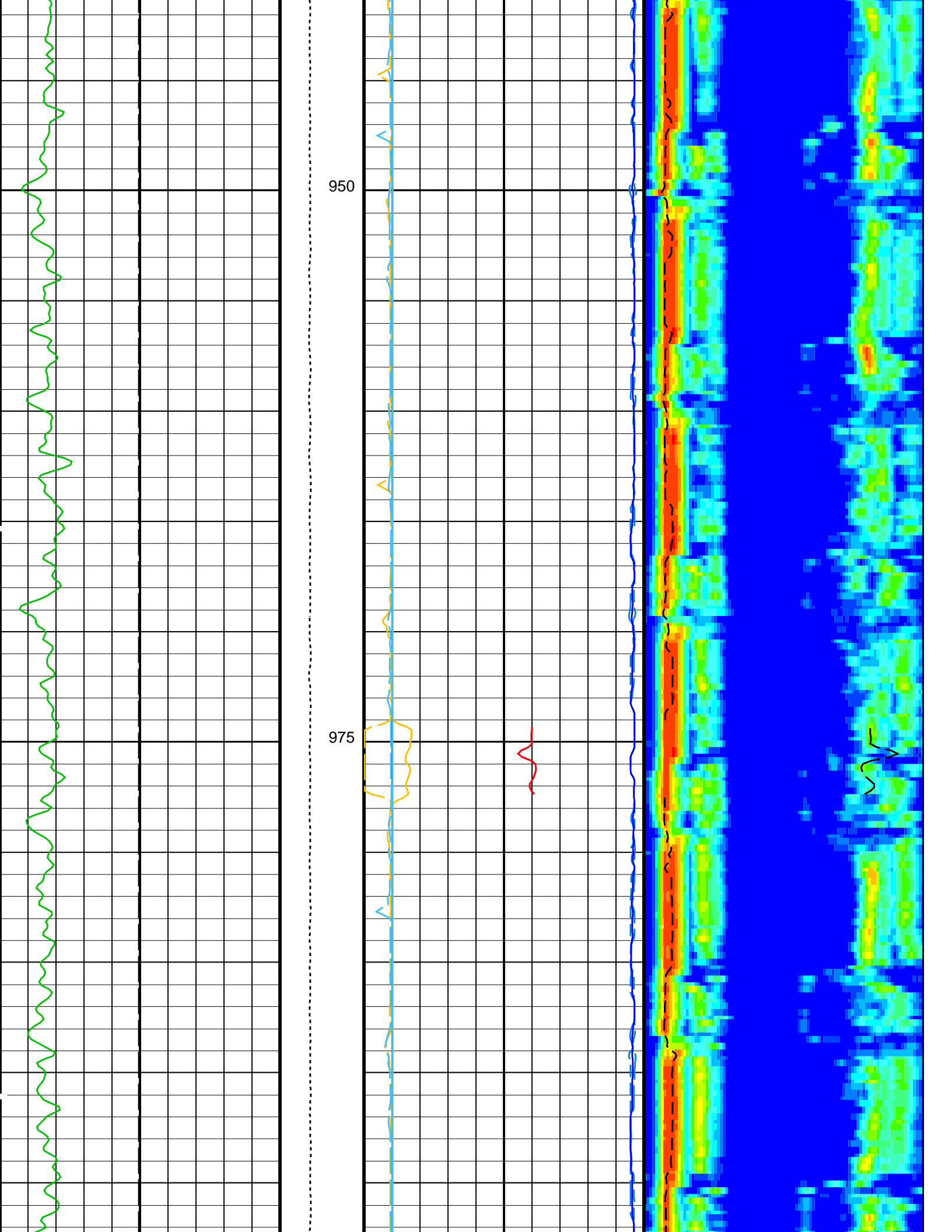
 Time Mark Every 60 S

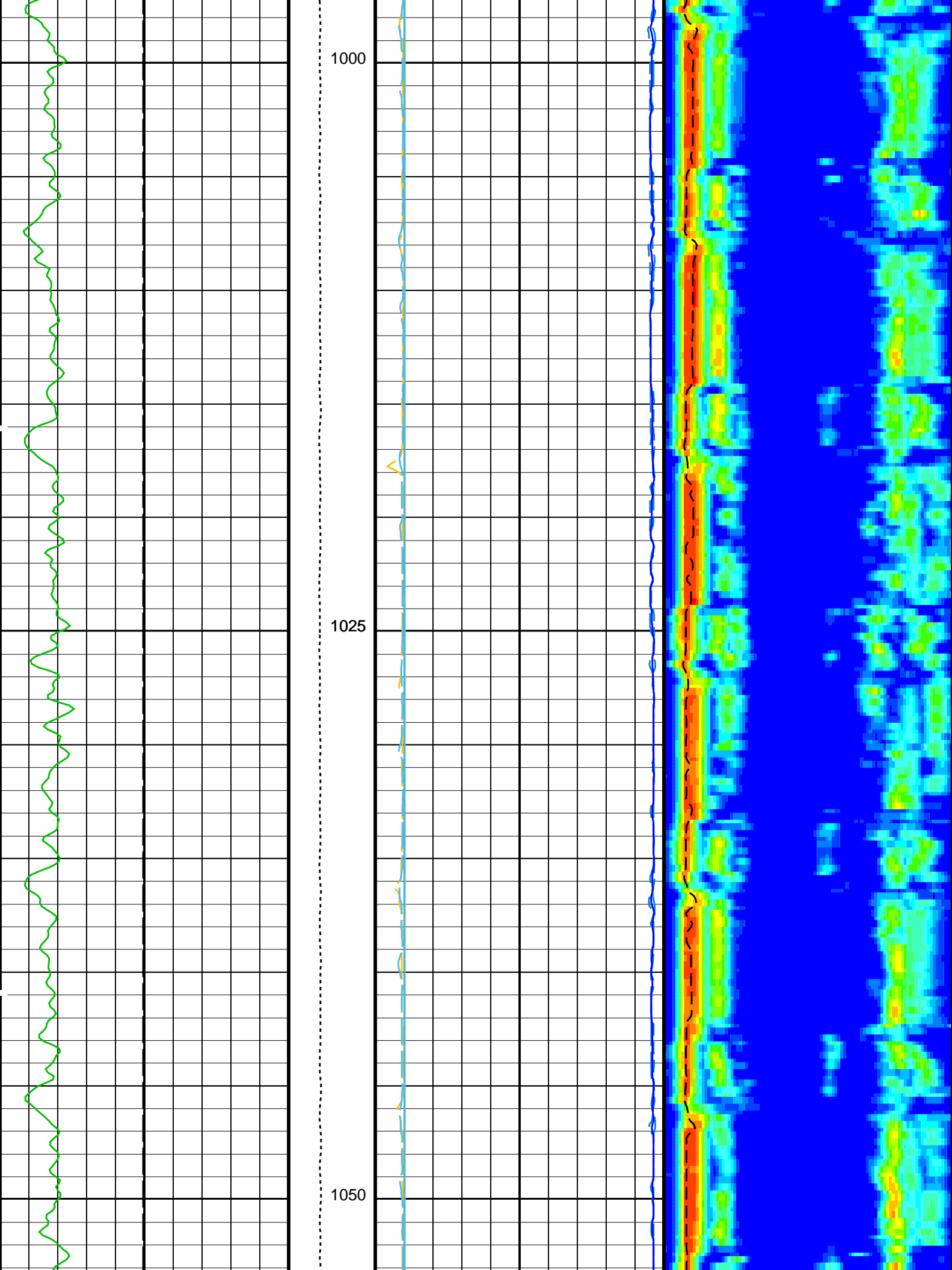
Peak Coherence / TA - P & S Shear (CHTS)		
-1	(----)	9
Peak Coherence / RA - P & S Shear (CHRS)		
-1	(----)	9
Delta-T Shear - P & S (DT4S)		
440	(US/F)	40
Delta-T Shear / TA - P & S (DTTS)		
440	(US/F)	40
Delta-T Shear / RA - P & S (DTRS)		
440	(US/F)	40
Delta-T Comp - P & S (DT4P)		
440	(US/F)	40

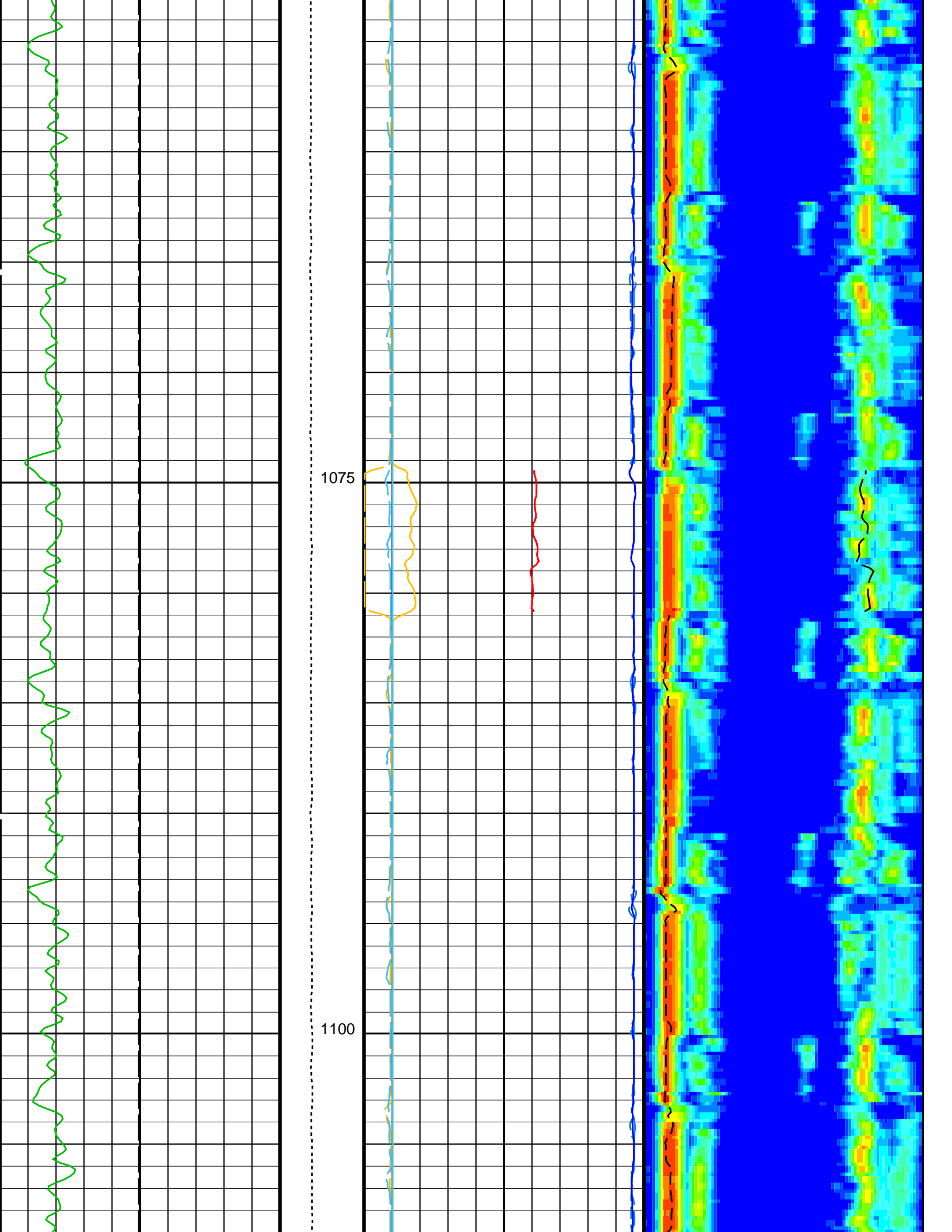


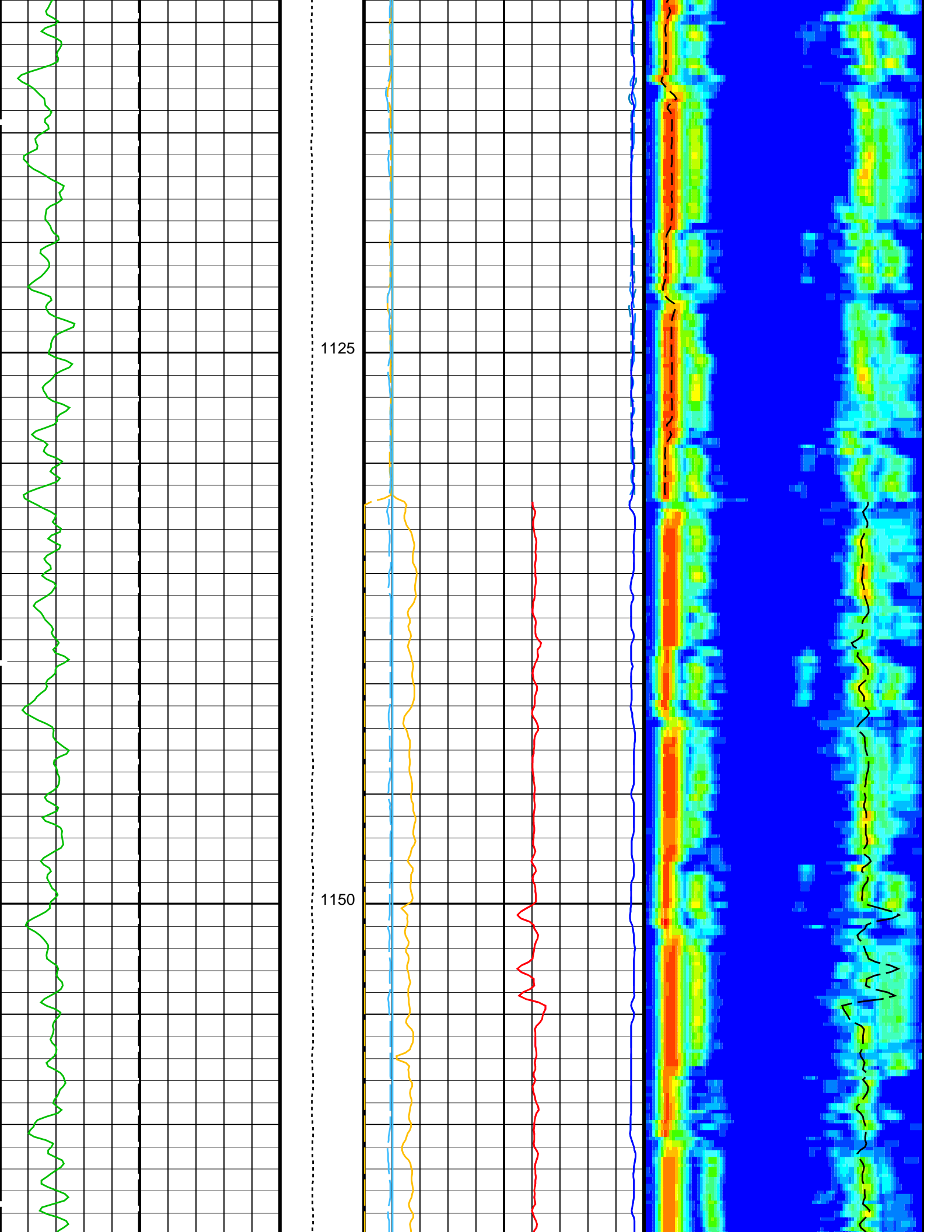


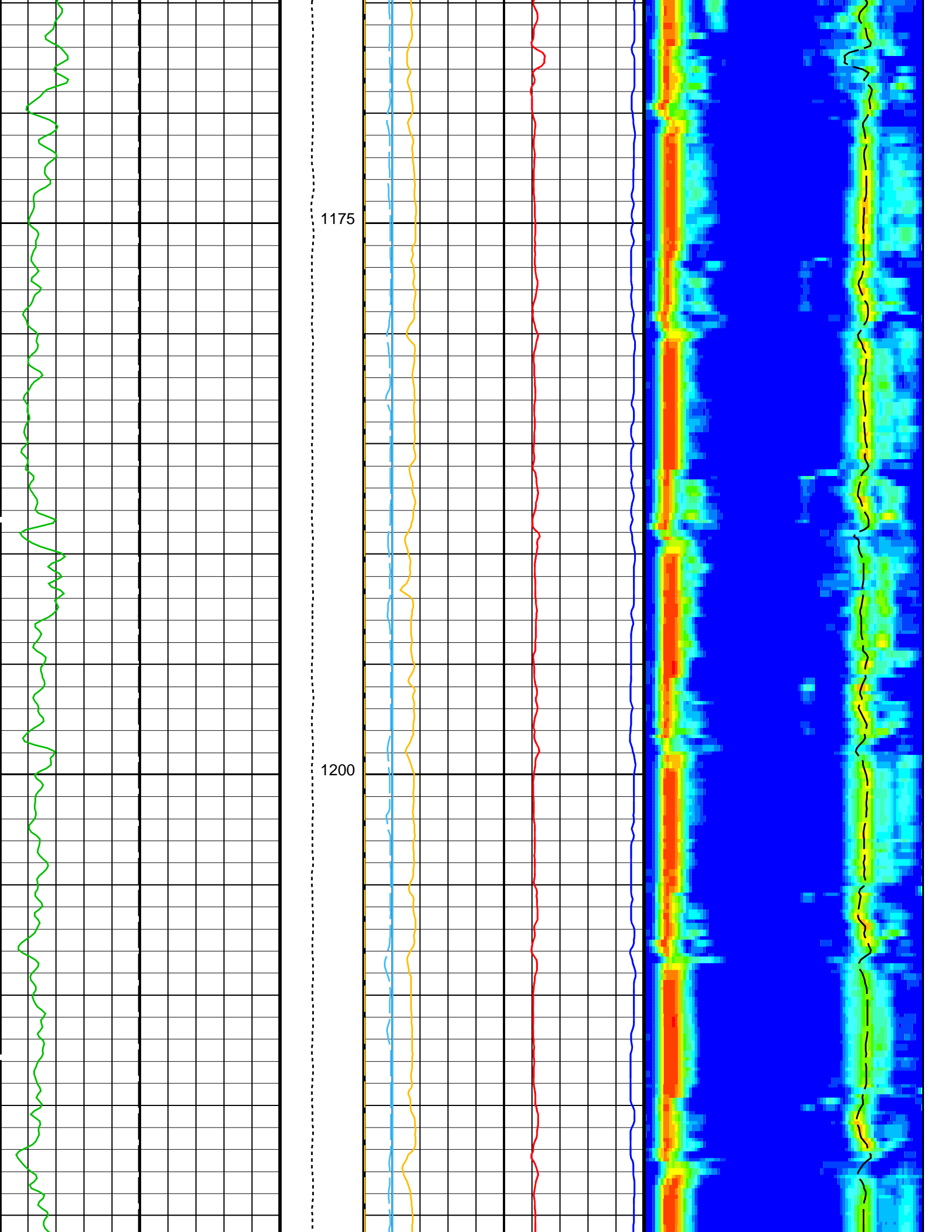


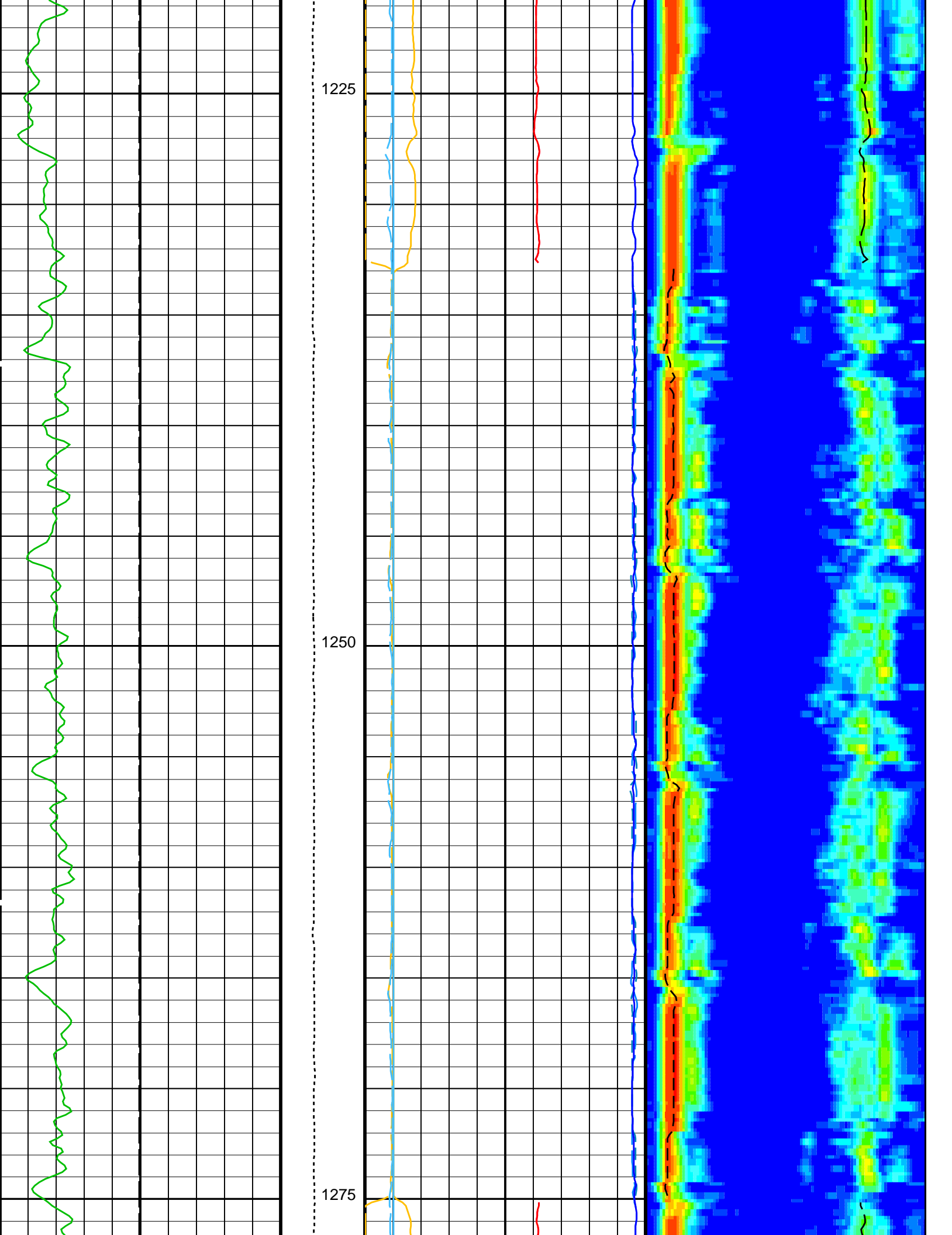


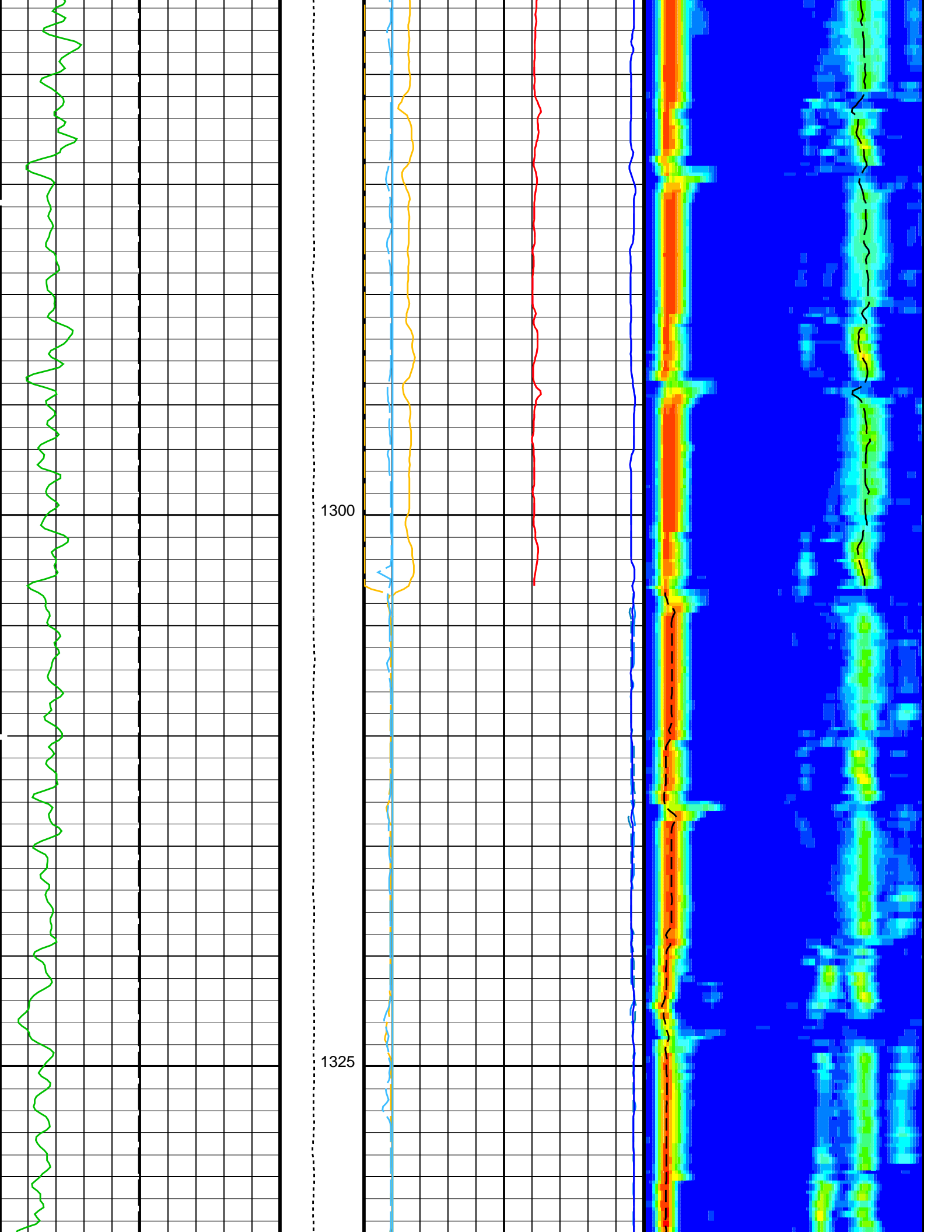


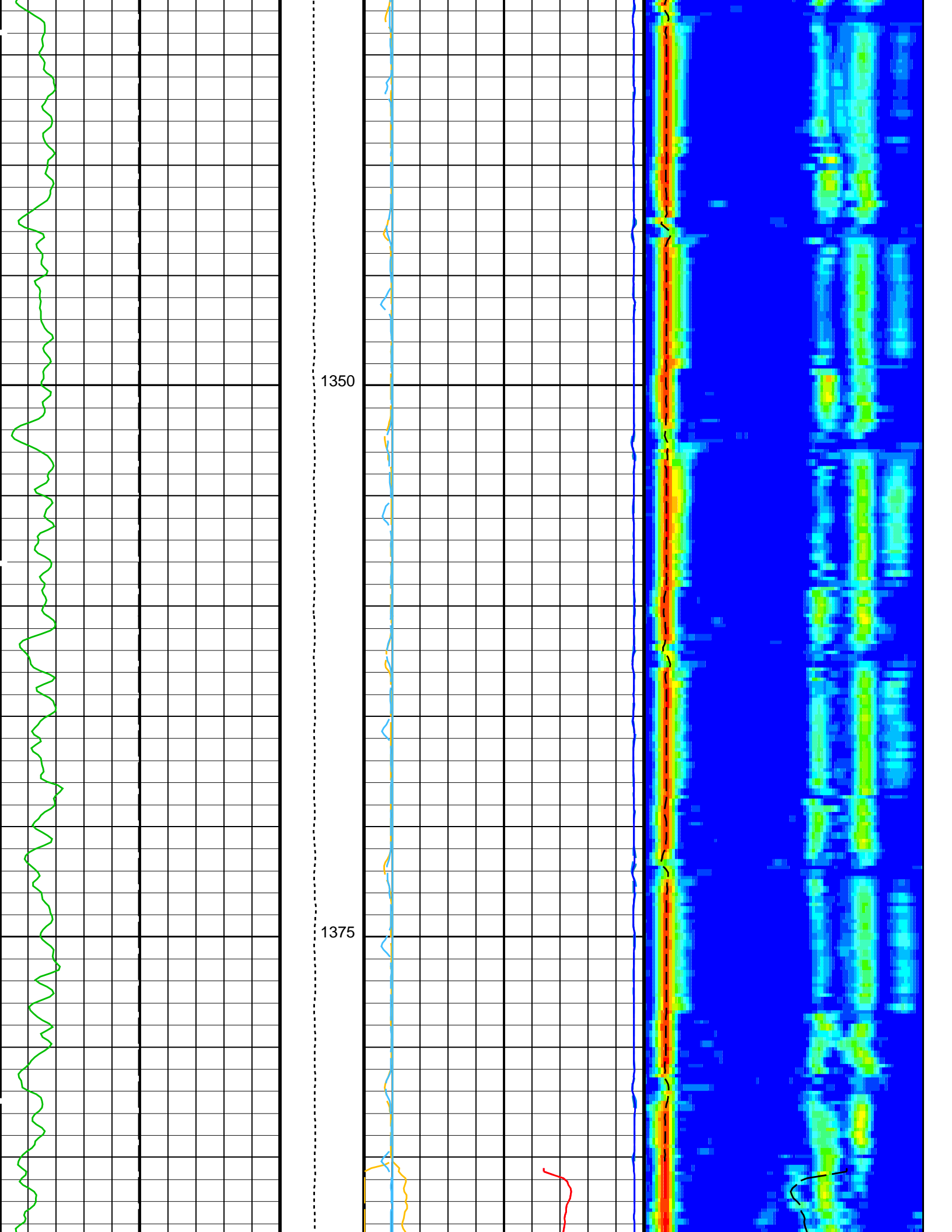


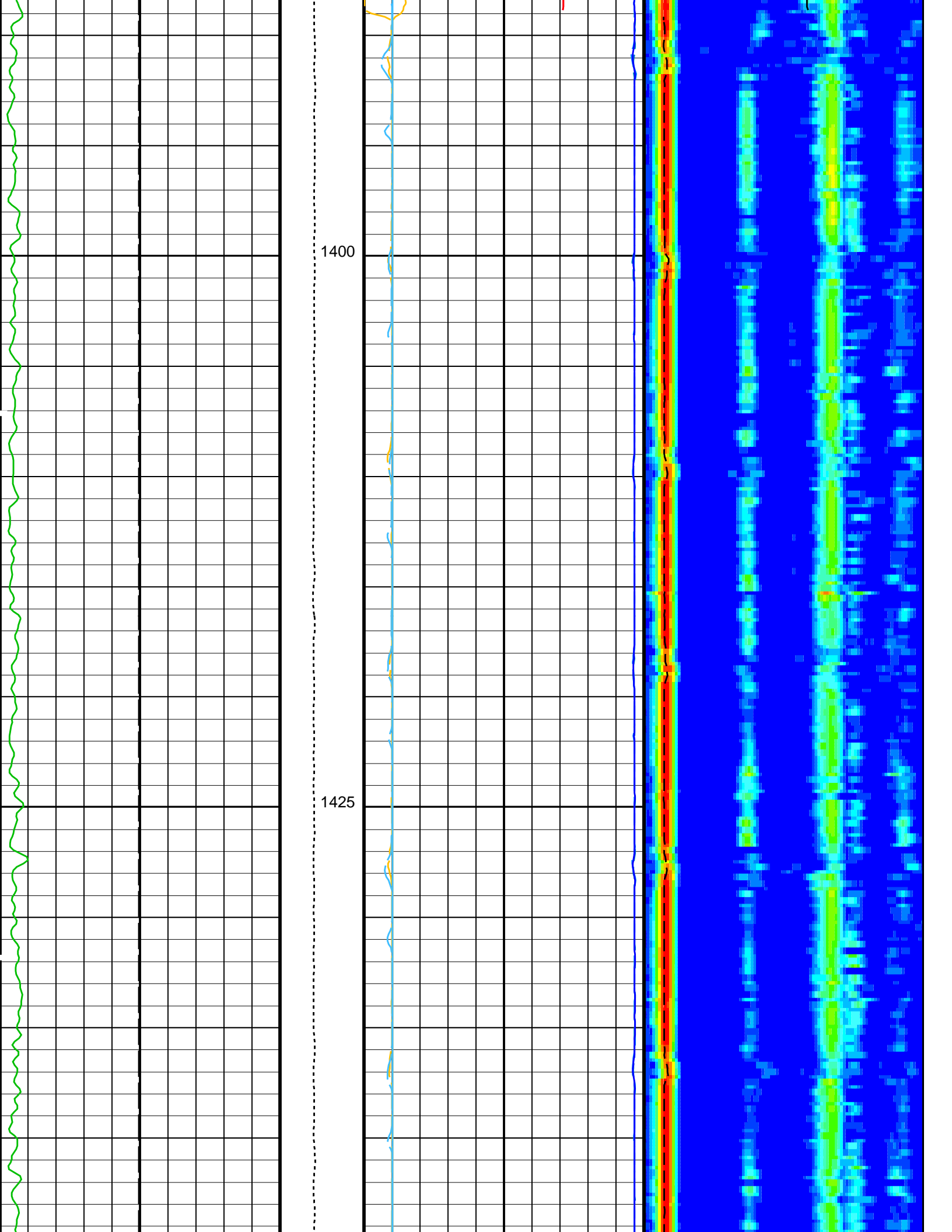


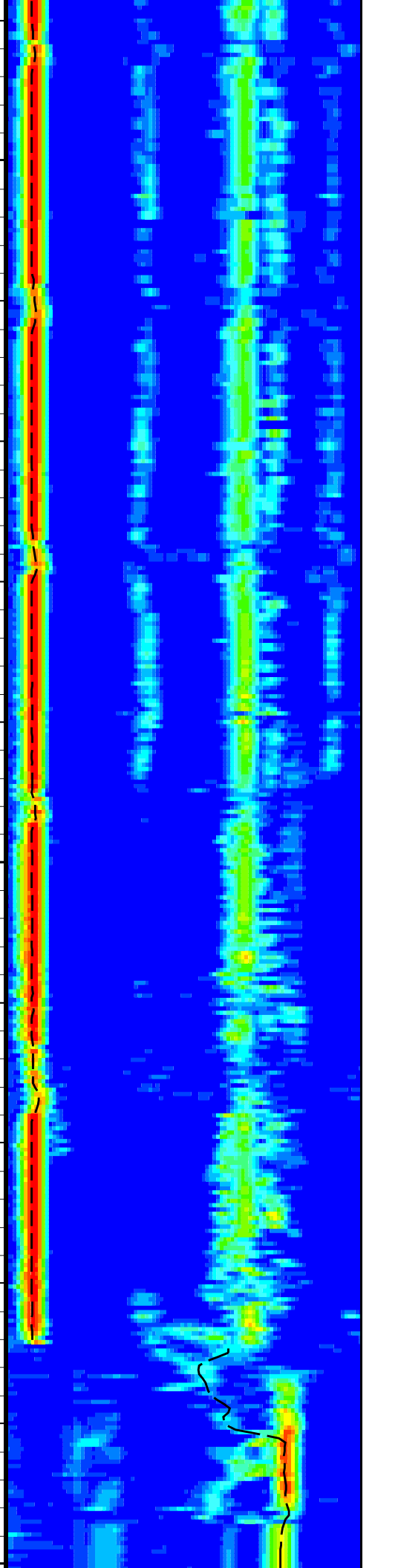
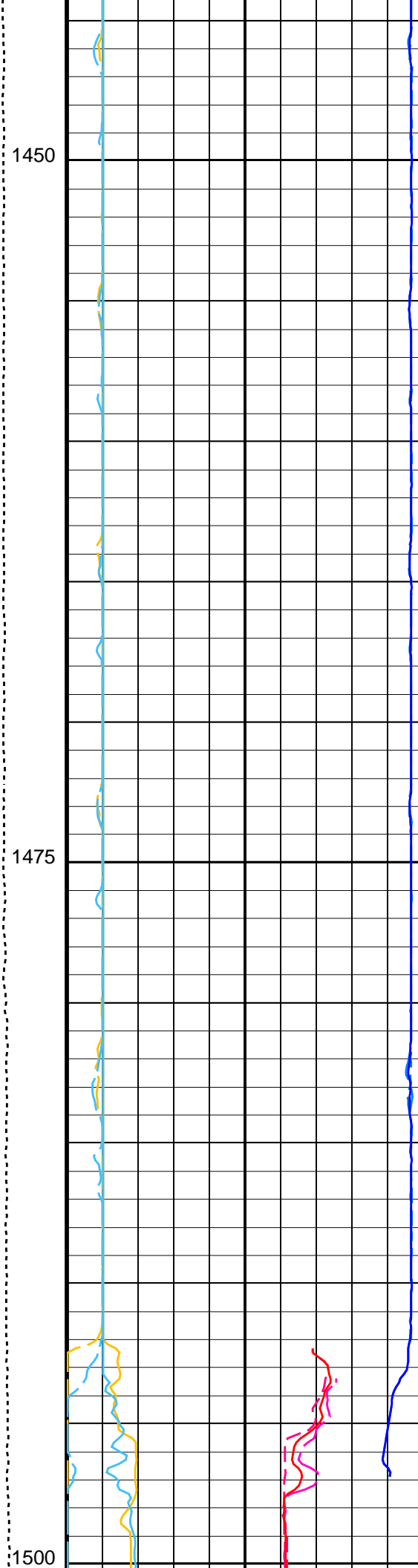
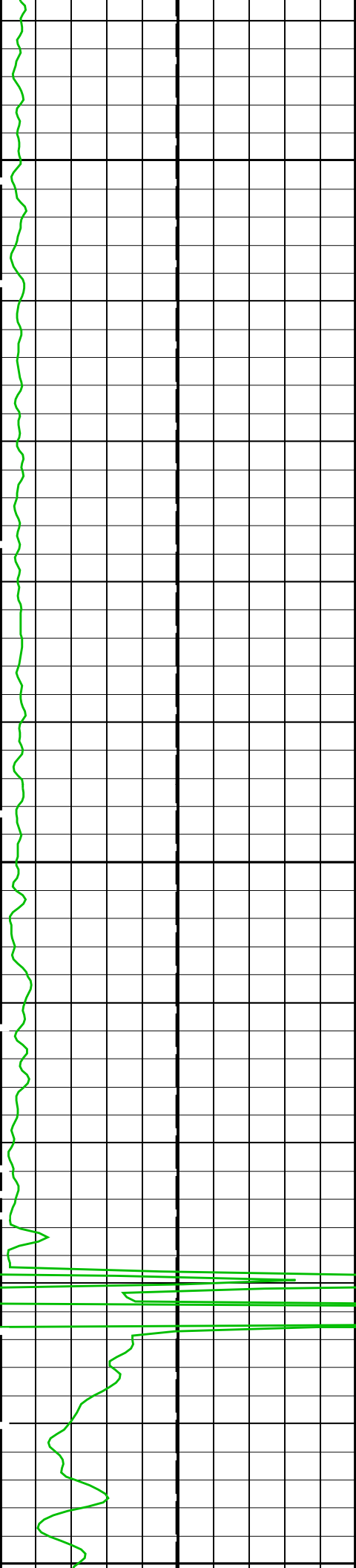


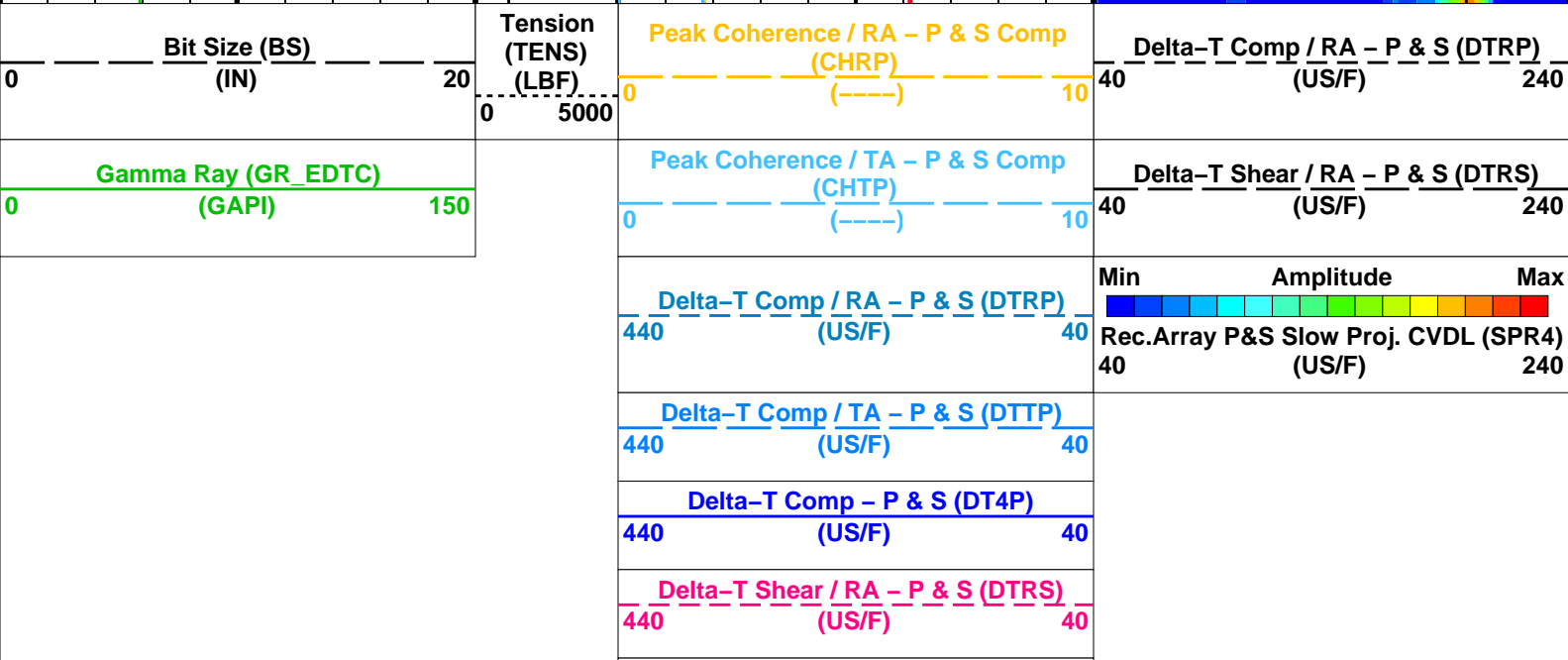
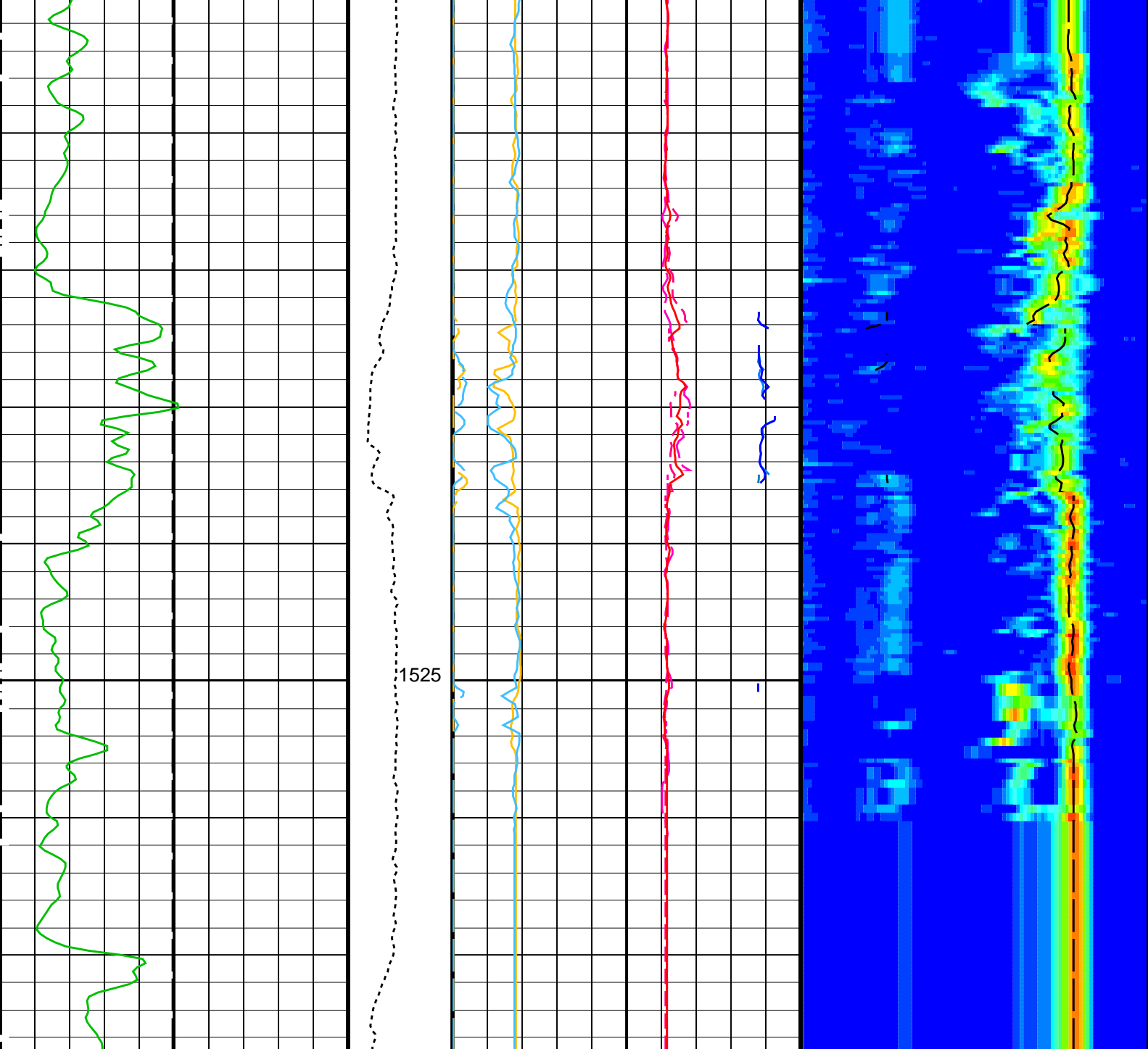












Delta-T Shear / TA - P & S (DTTS)		
440	(US/F)	40
Delta-T Shear - P & S (DT4S)		
440	(US/F)	40
Peak Coherence / RA - P & S Shear (CHRS)		
-1	(-----)	9
Peak Coherence / TA - P & S Shear (CHTS)		
-1	(-----)	9

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	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_SHEAR	
LFC	Label Formation Character – Monopole P&S	DYNAMIC	
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	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	
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
BO	Depth Offset for Blockout	0.0	M

DO
PP

Depth Offset for Playback
Playback Processing

0.0 M
NORMAL

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 30-Jan-2024 08:53

OP System Version: 19C0-187

GPIT-A/B 19C0-187

DSST-B 19C0-187

HNGS-BA 19C0-187

DTA-A 19C0-187

HNGC-B 19C0-187

EDTC-B 19C0-187

Input DLIS Files

DEFAULT Flip_DSI_NGS_024LUP PRODUCER 30-Jan-2024 08:27 1537.7 M 786.4 M

Output DLIS Files

DEFAULT DSI_NGS_025PUP FN:22 PRODUCER 30-Jan-2024 08:53

Input DLIS Files

DEFAULT Flip_DSI_NGS_024LUP PRODUCER 30-Jan-2024 08:27 1537.7 M 786.4 M

Output DLIS Files

DEFAULT DSI_NGS_025PUP FN:22 PRODUCER 30-Jan-2024 08:53 1538.5 M 786.4 M

OP System Version: 19C0-187

GPIT-A/B 19C0-187

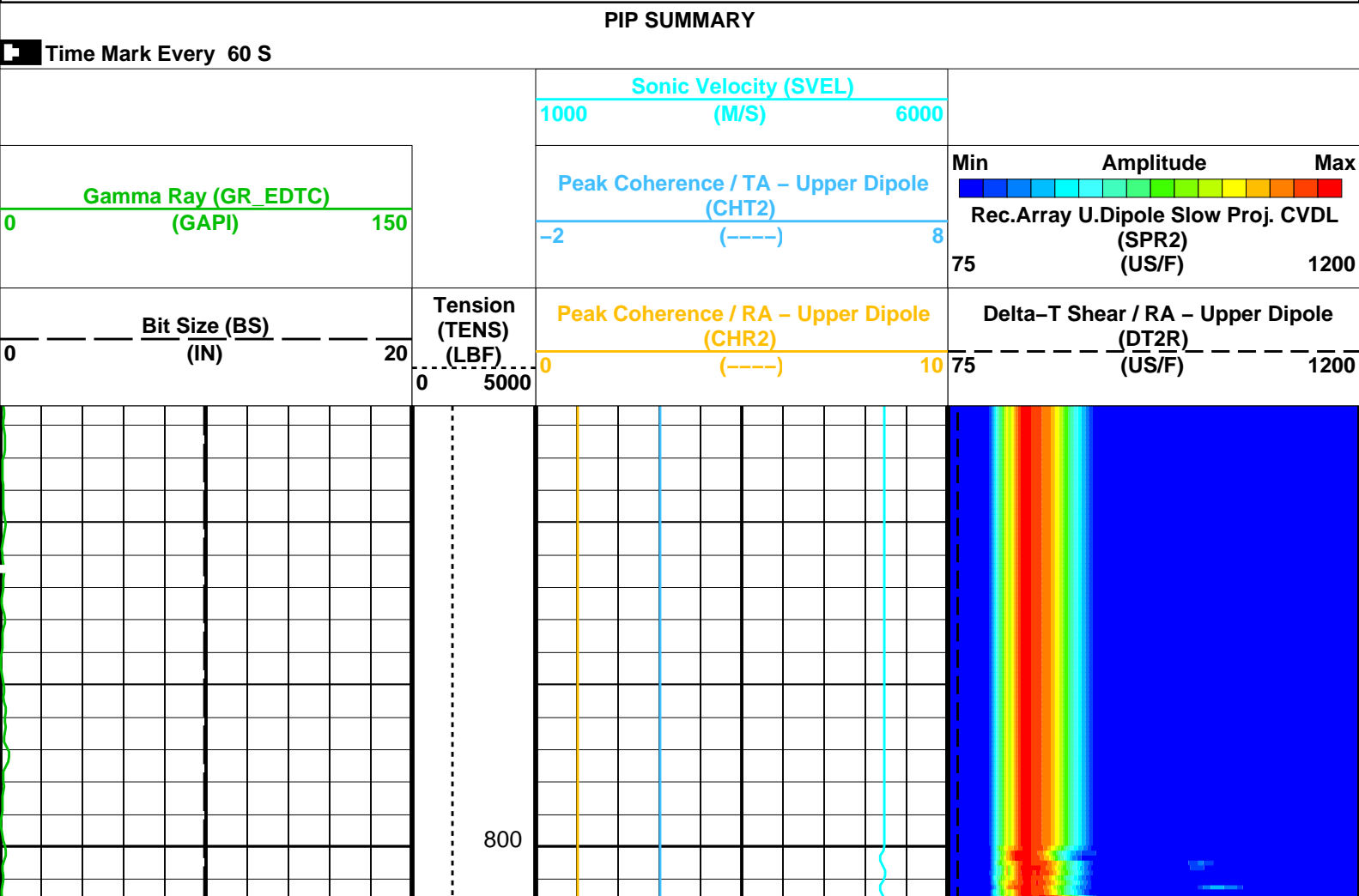
DSST-B 19C0-187

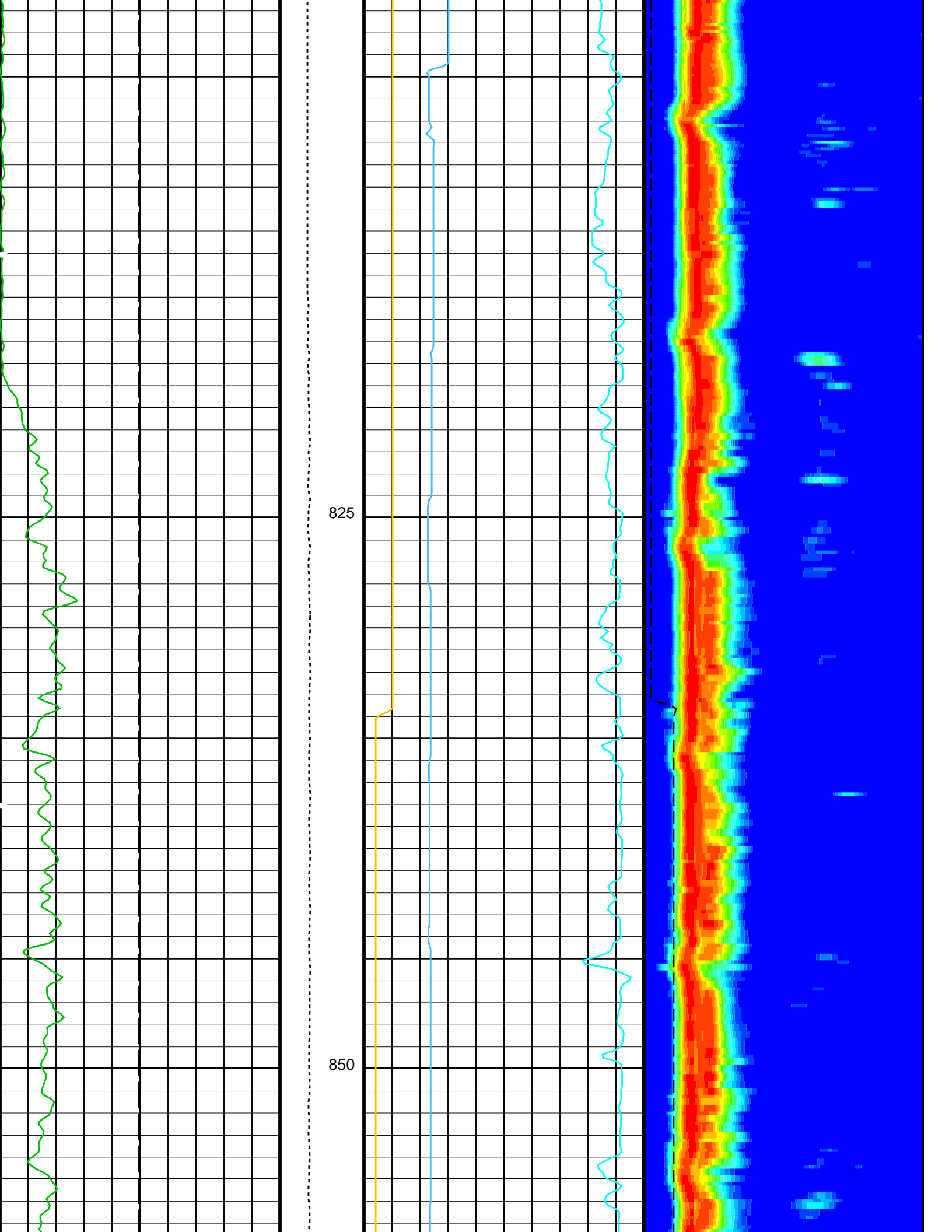
HNGS-BA 19C0-187

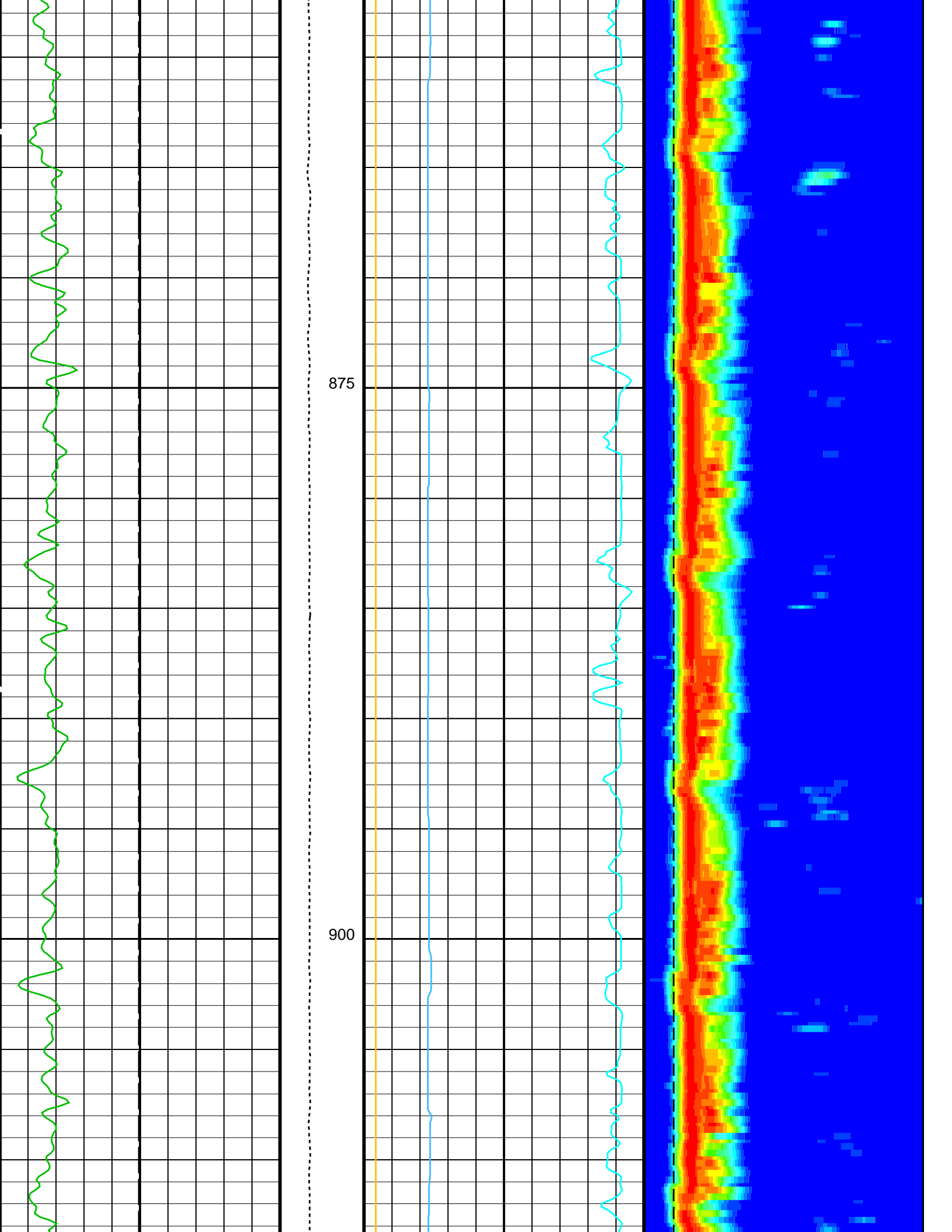
DTA-A 19C0-187

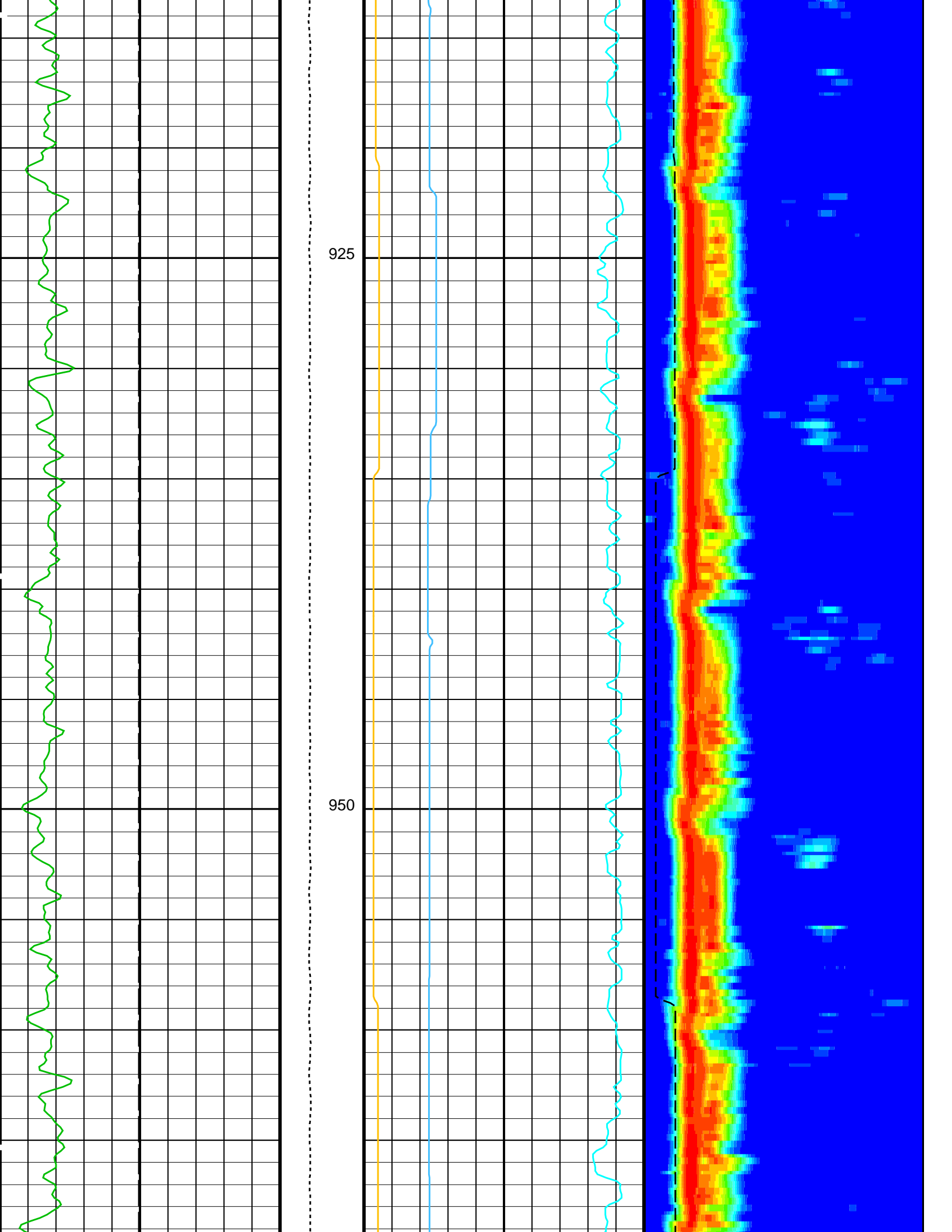
HNGC-B 19C0-187

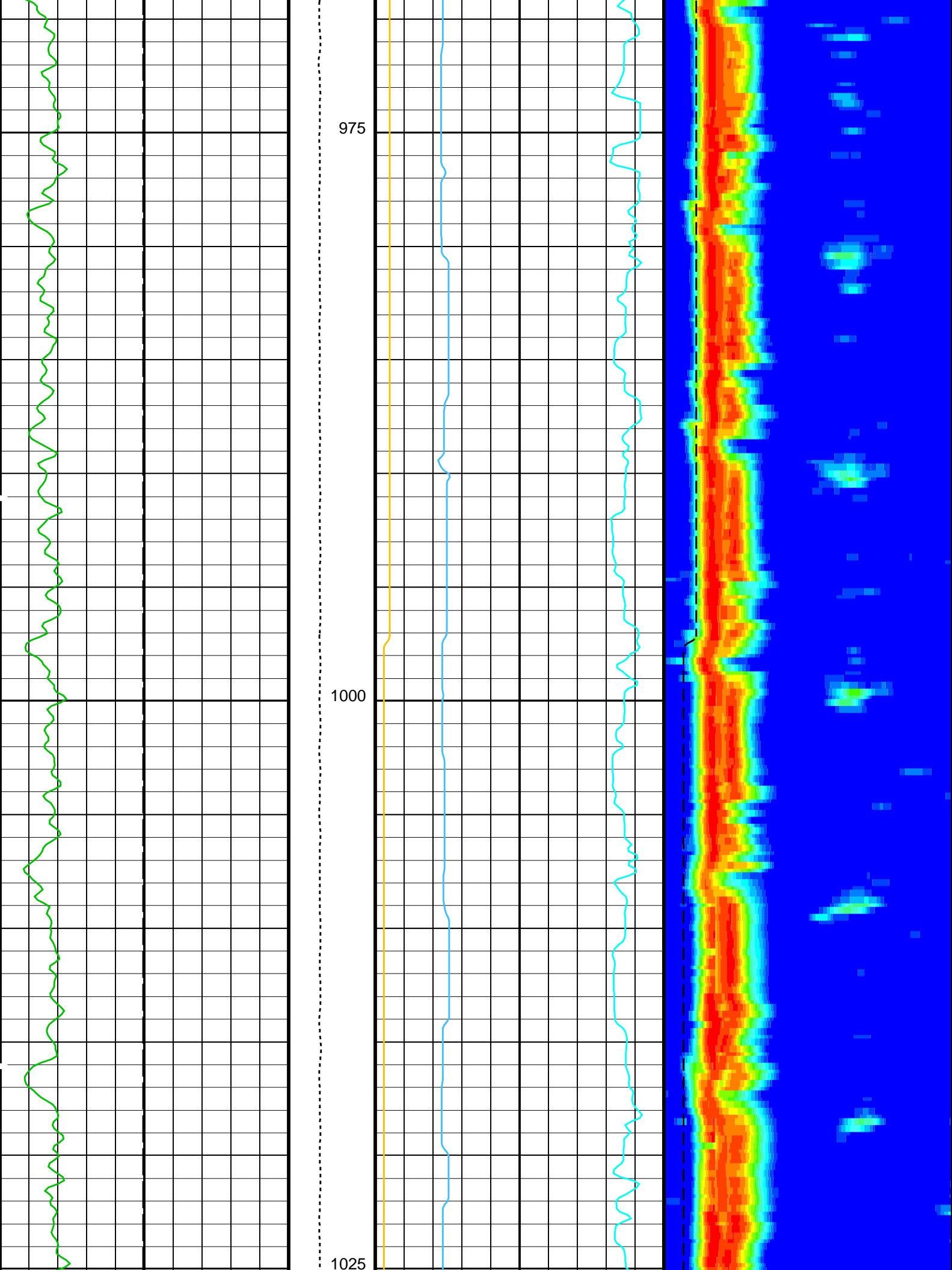
EDTC-B 19C0-187

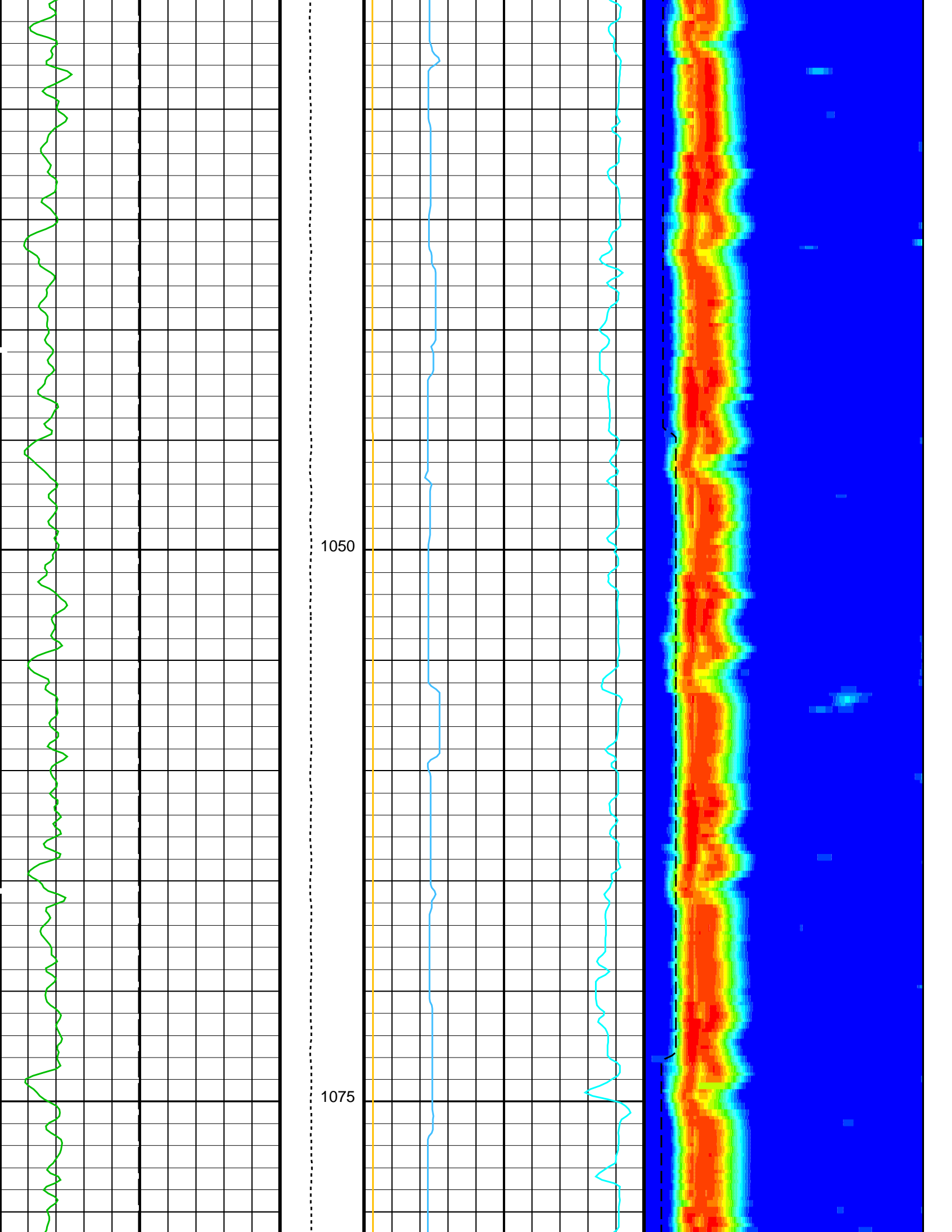


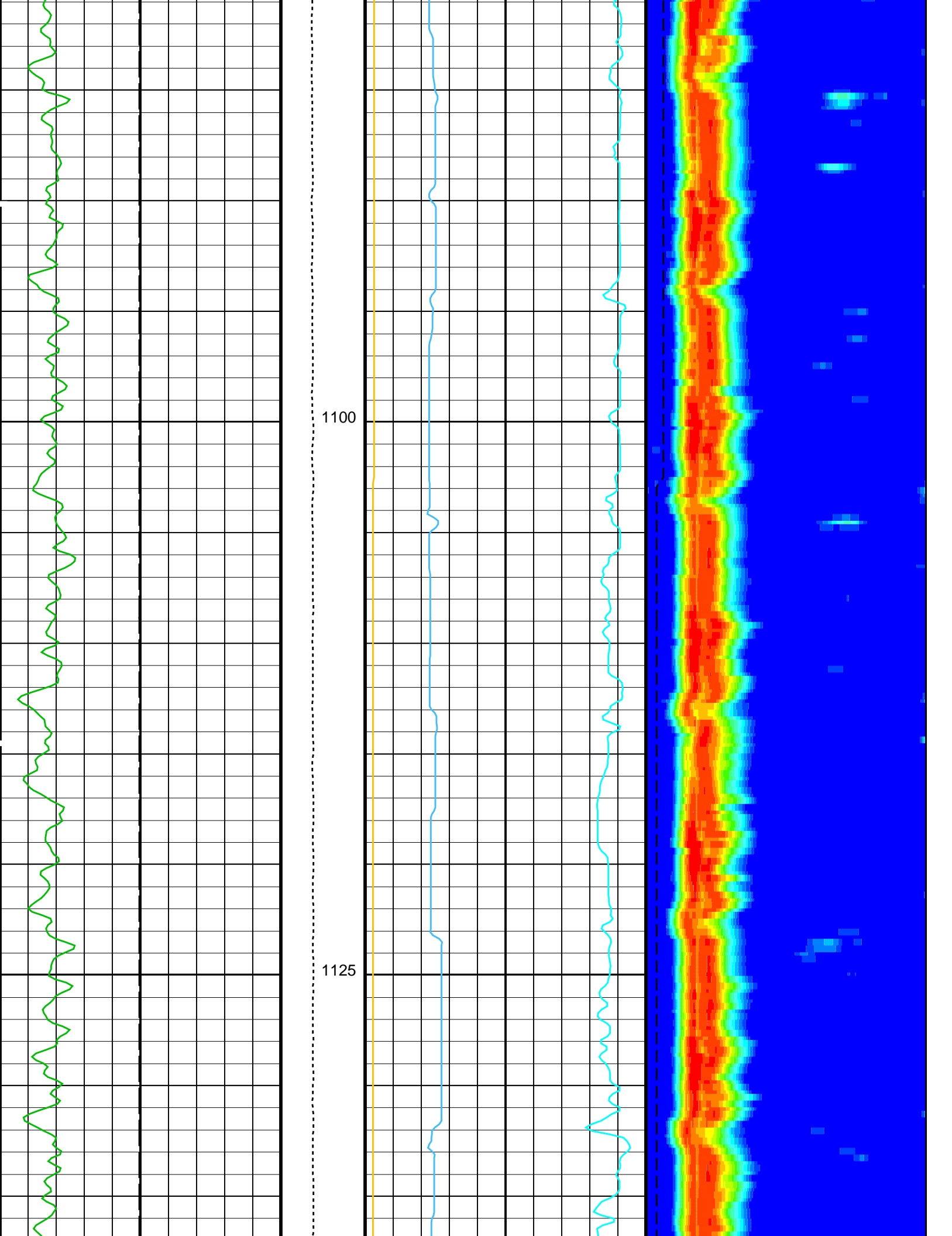


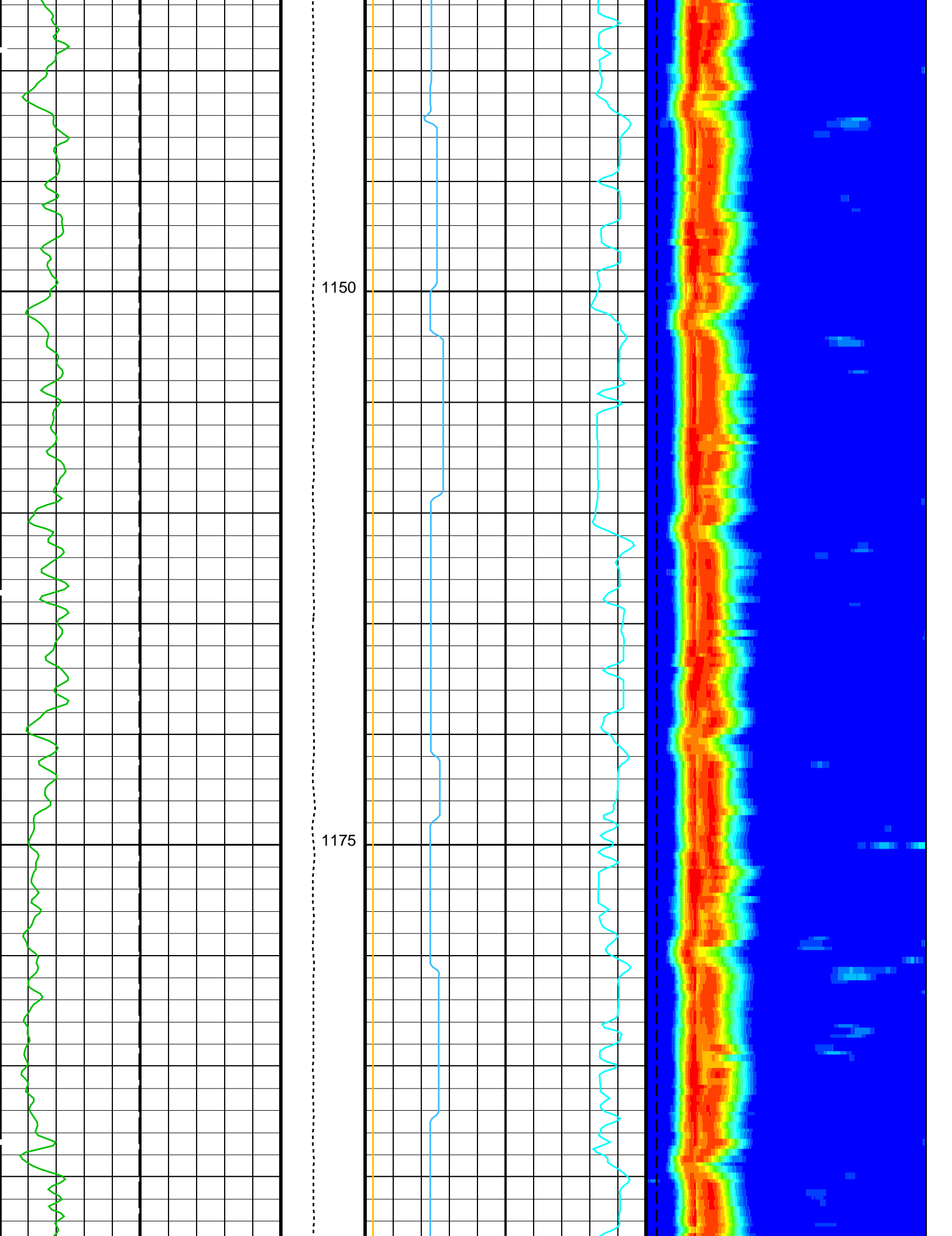


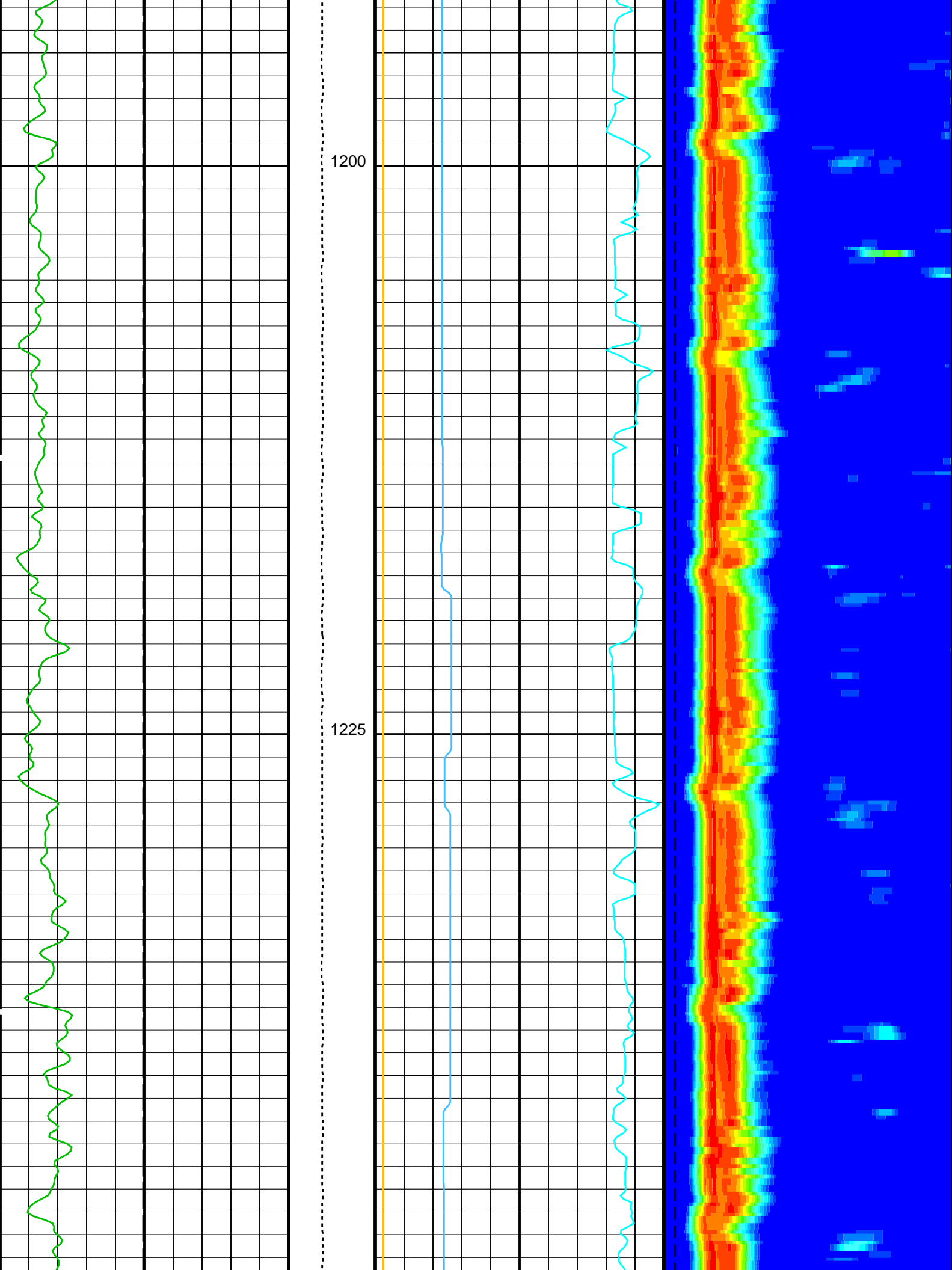


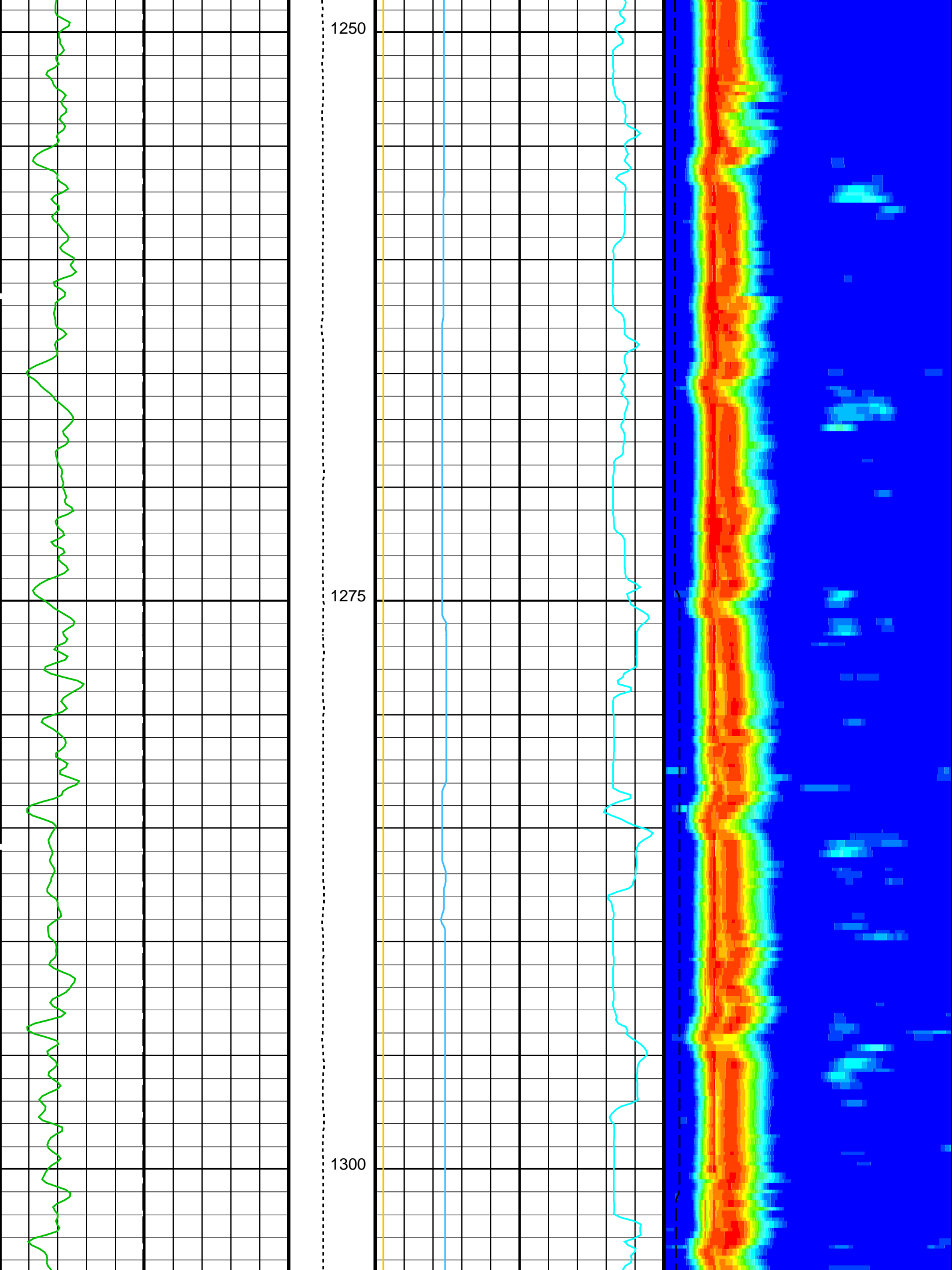


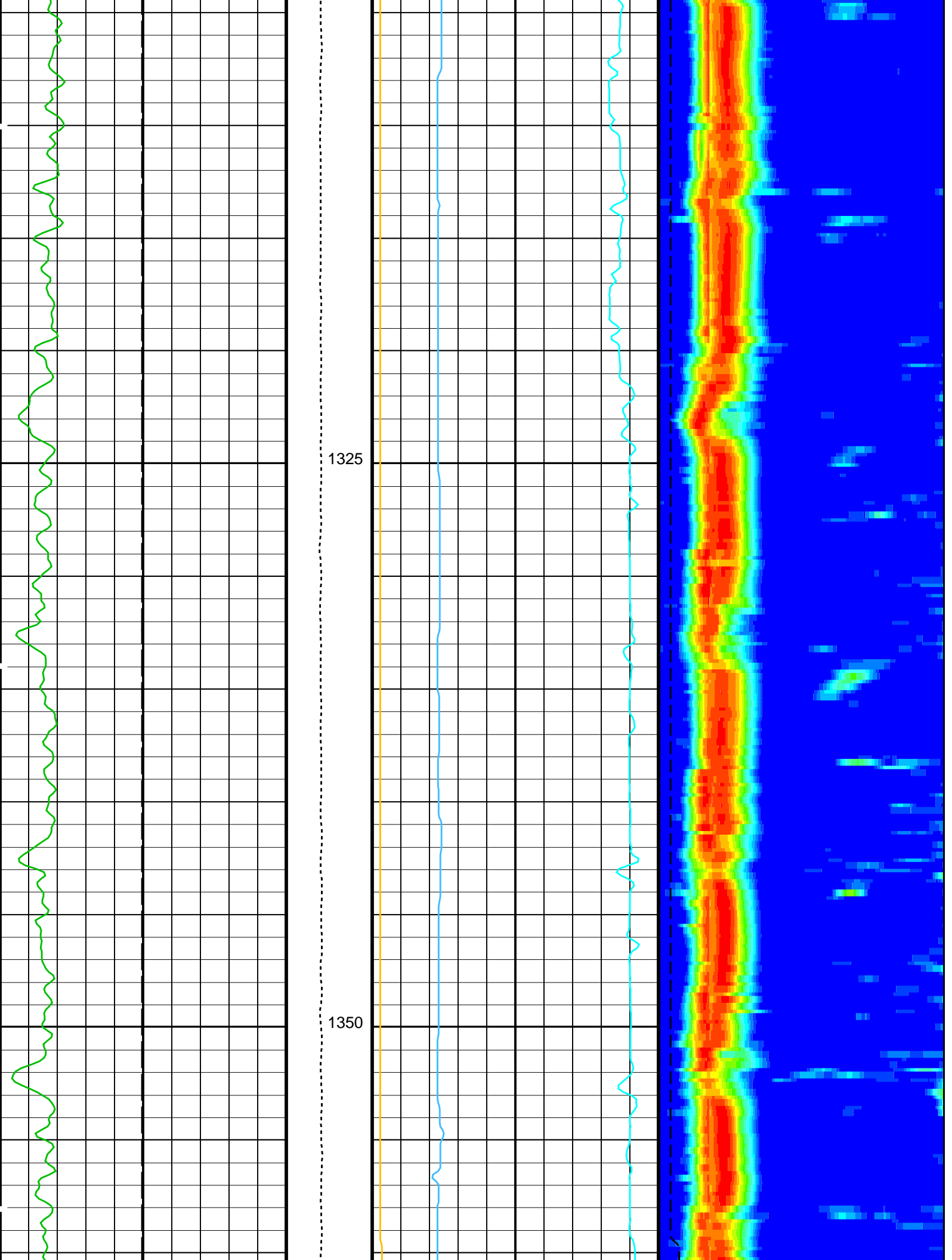


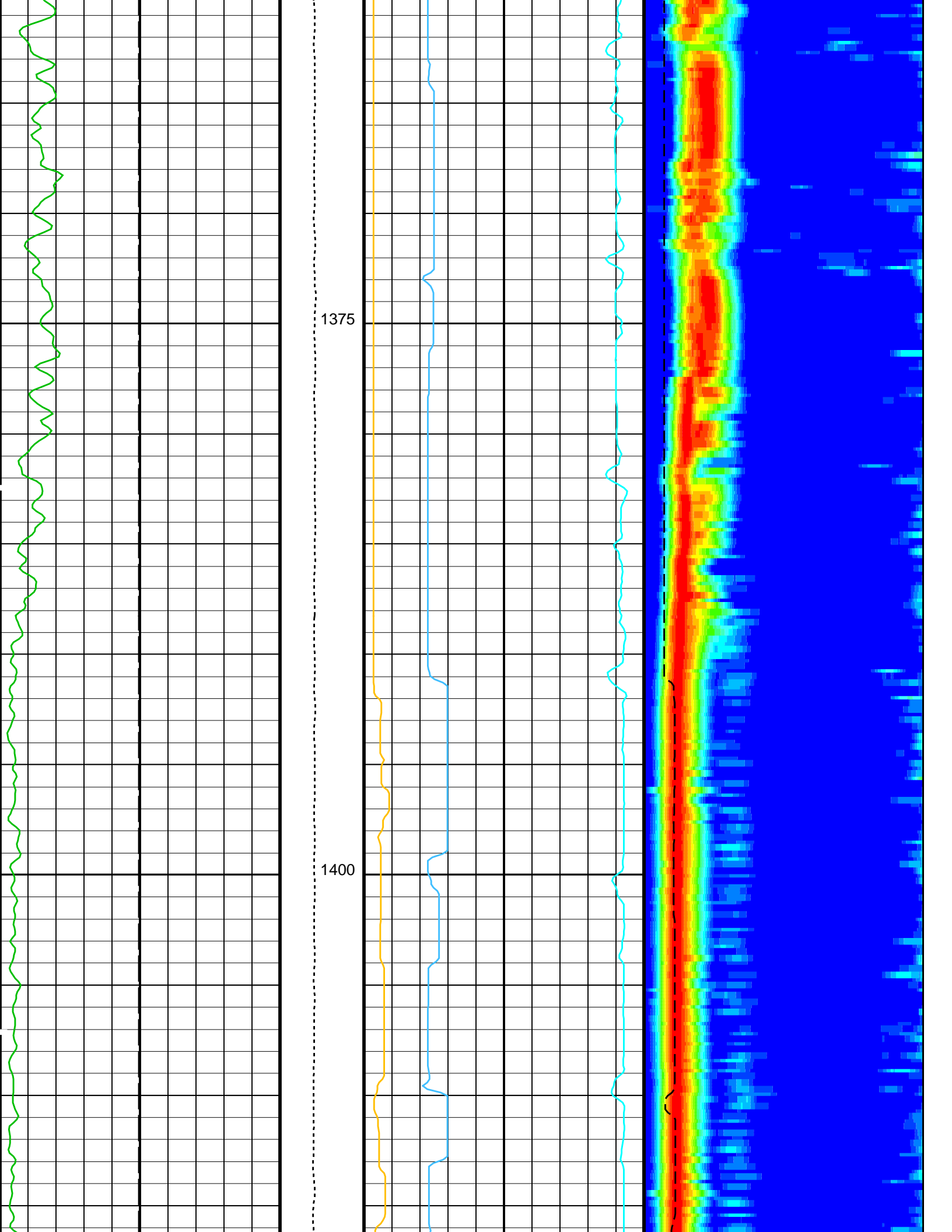


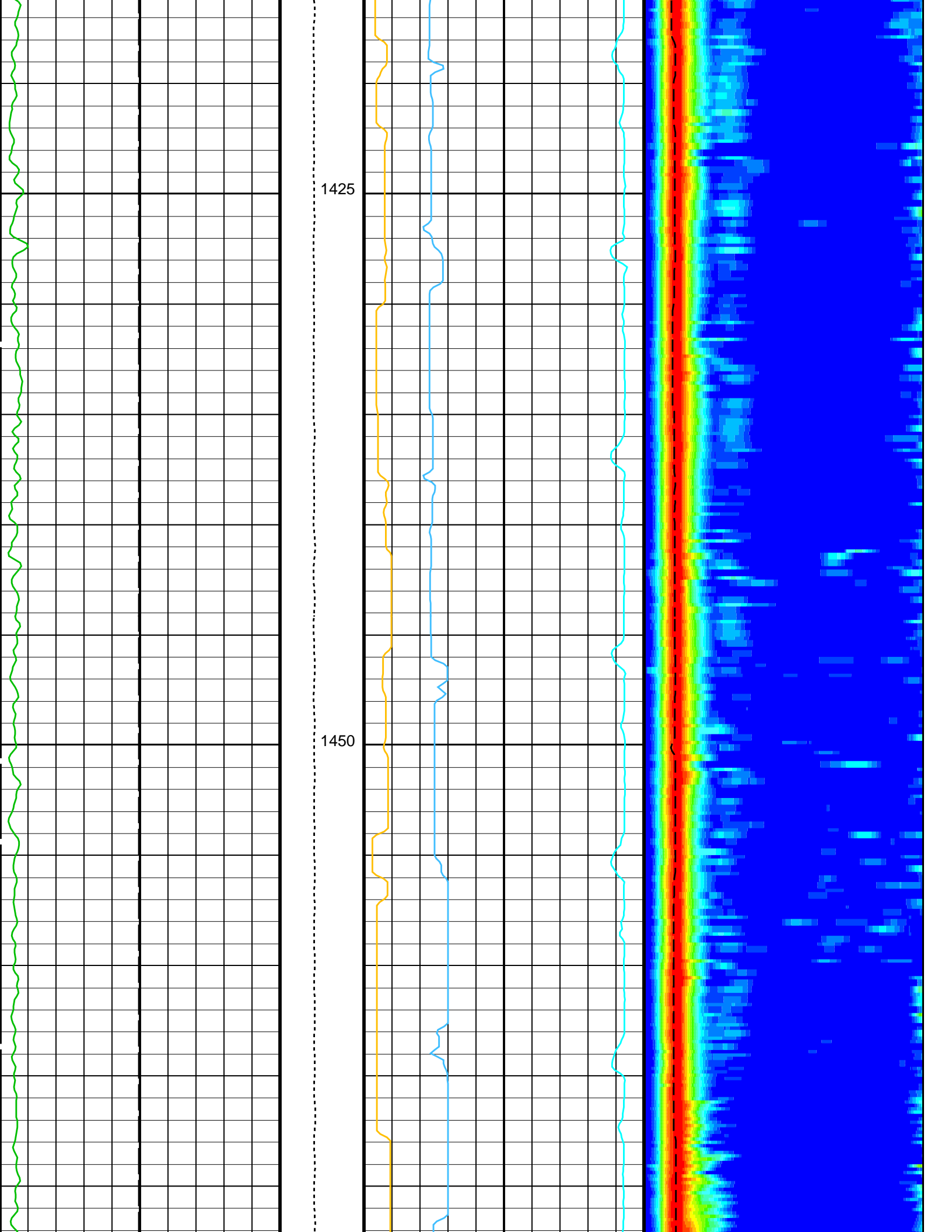


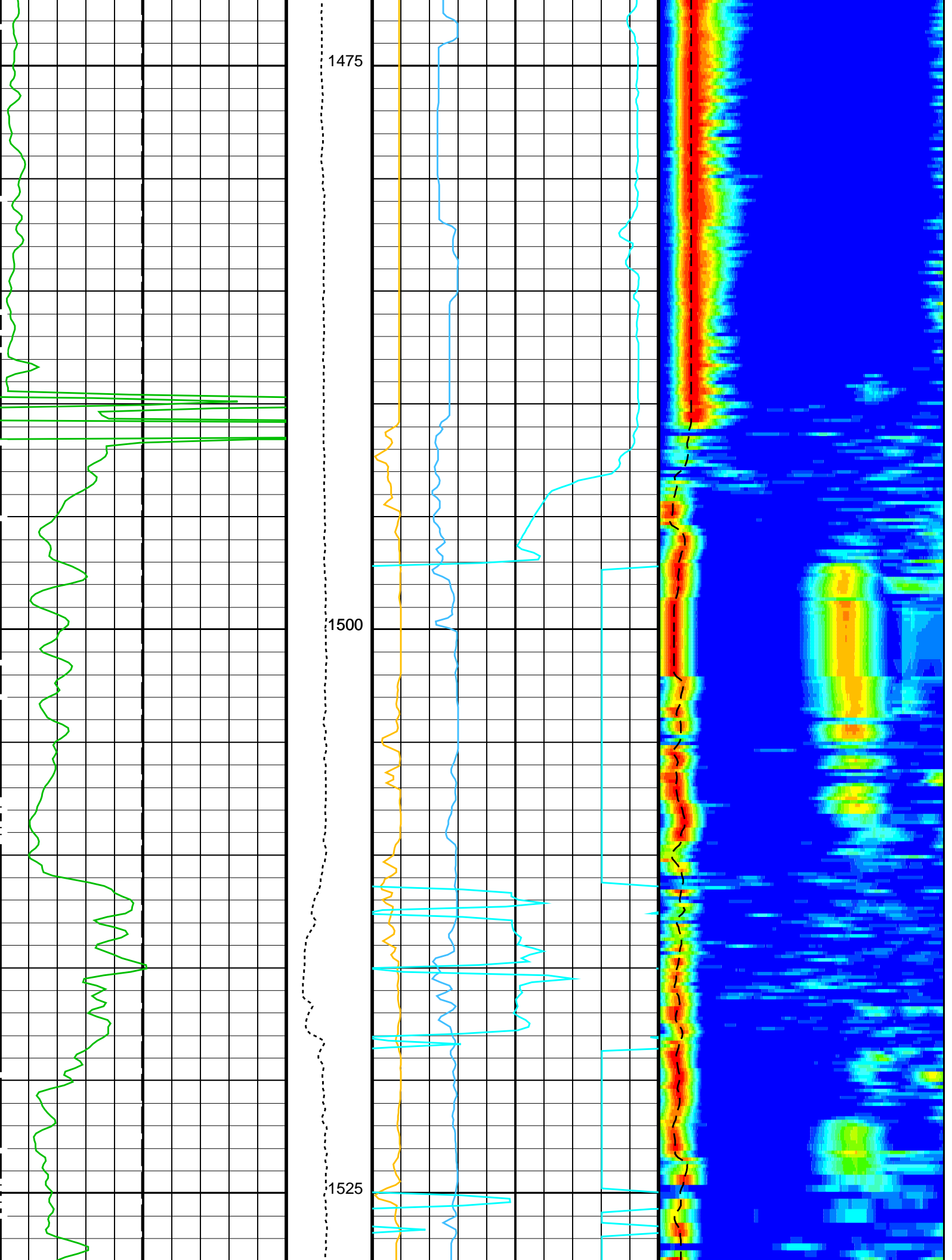


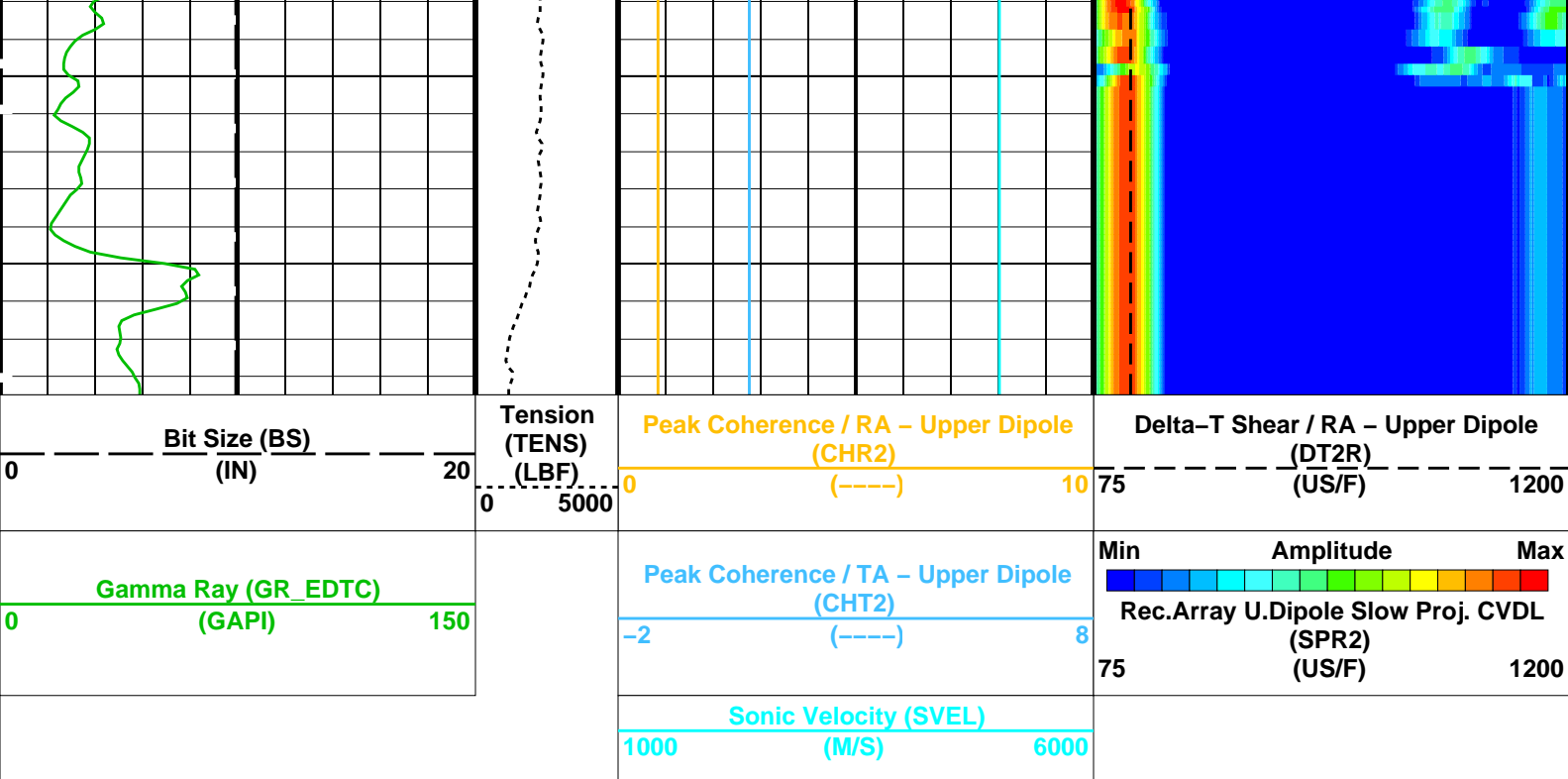












PIP SUMMARY

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

OP System Version: 19C0-187

GPIT-A/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_DSI_NGS_024LUP	PRODUCER	30-Jan-2024 08:27	1537.7 M	786.4 M
---------	---------------------	----------	-------------------	----------	---------

Output DLIS Files

DEFAULT	DSI_NGS_025PUP	FN:22	PRODUCER	30-Jan-2024 08:53
---------	----------------	-------	----------	-------------------

Input DLIS Files

DEFAULT	Flip_DSI_NGS_024LUP	PRODUCER	30-Jan-2024 08:27	1537.7 M	786.4 M
---------	---------------------	----------	-------------------	----------	---------

Output DLIS Files

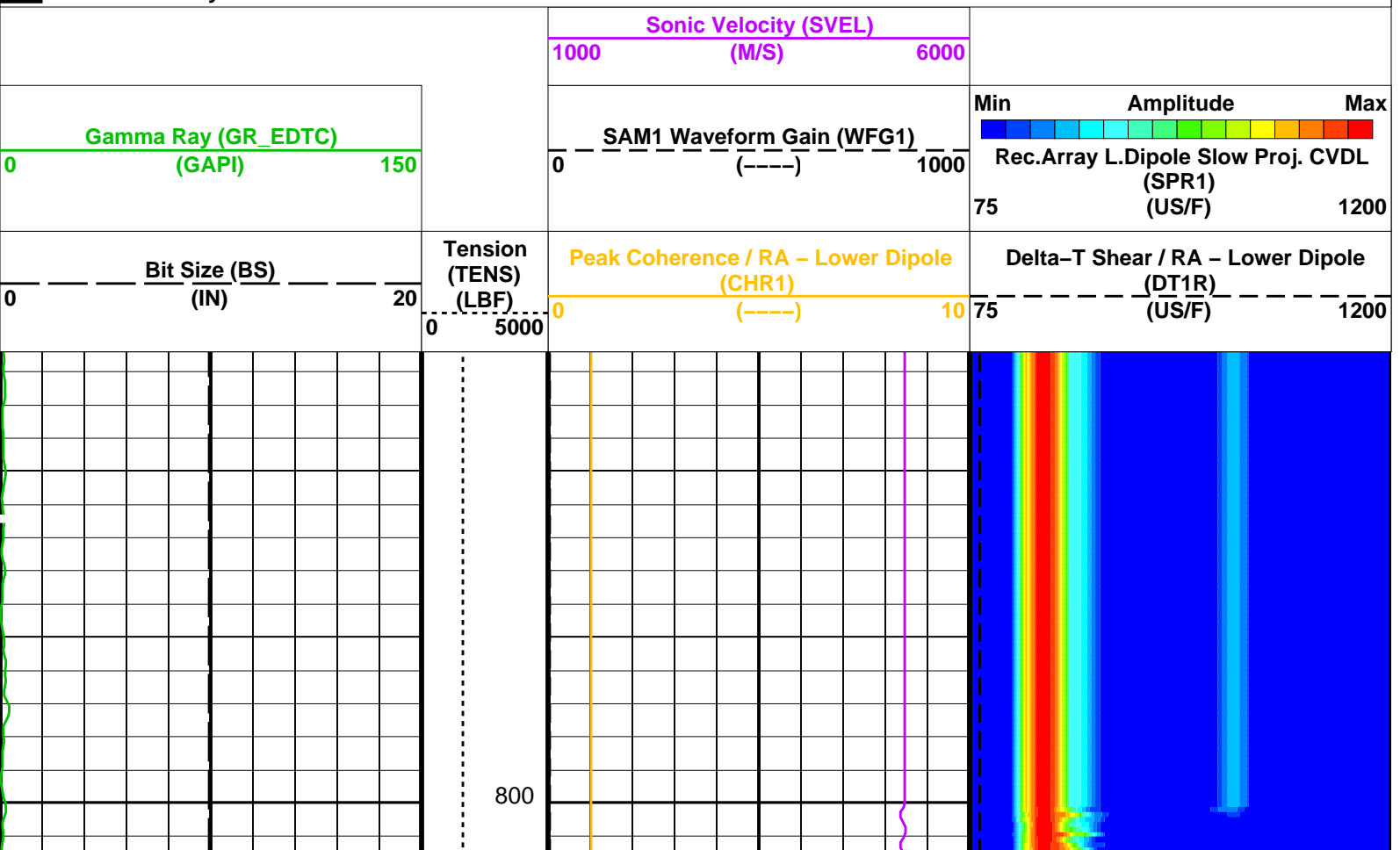
DEFAULT	DSI_NGS_025PUP	FN:22	PRODUCER	30-Jan-2024 08:53	1538.5 M	786.4 M
---------	----------------	-------	----------	-------------------	----------	---------

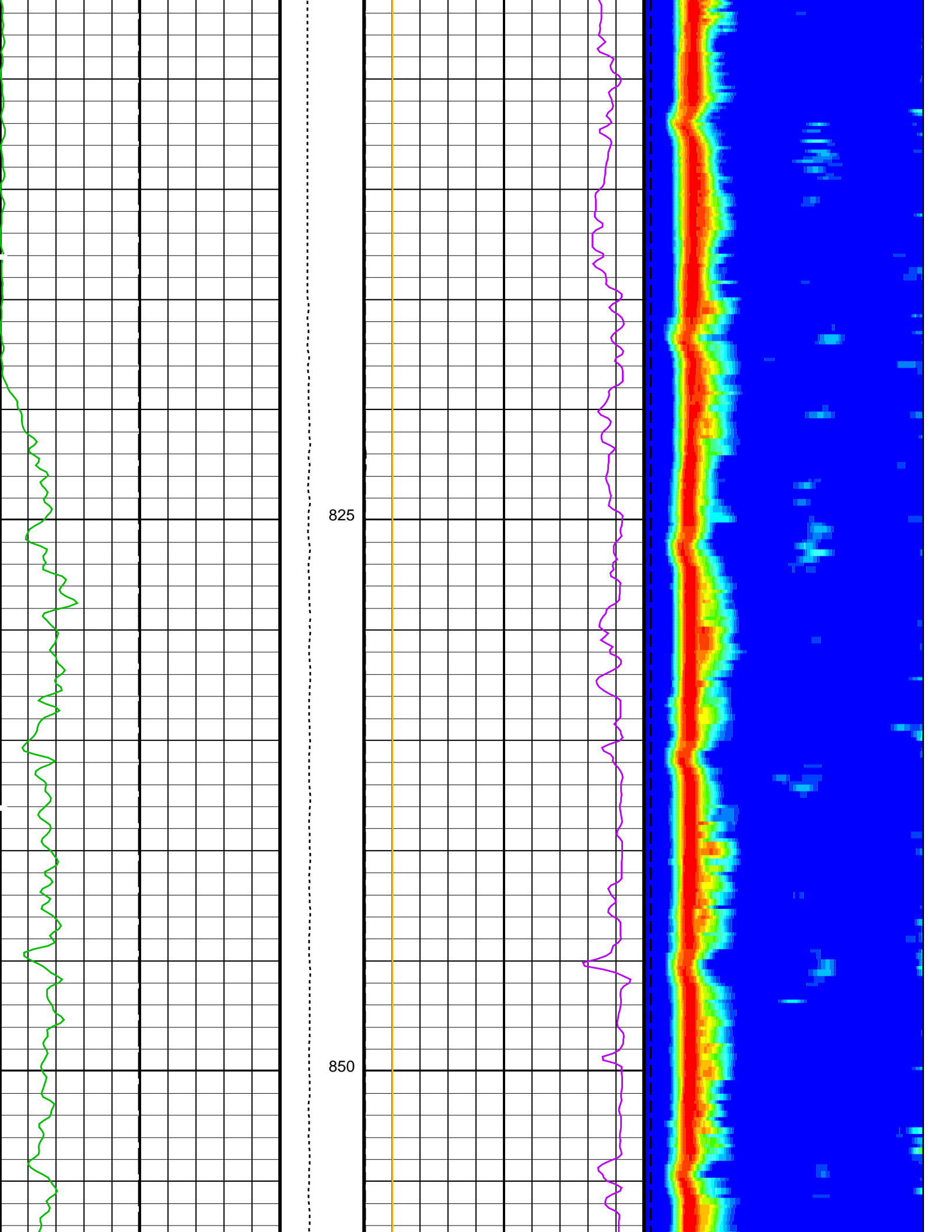
OP System Version: 19C0-187

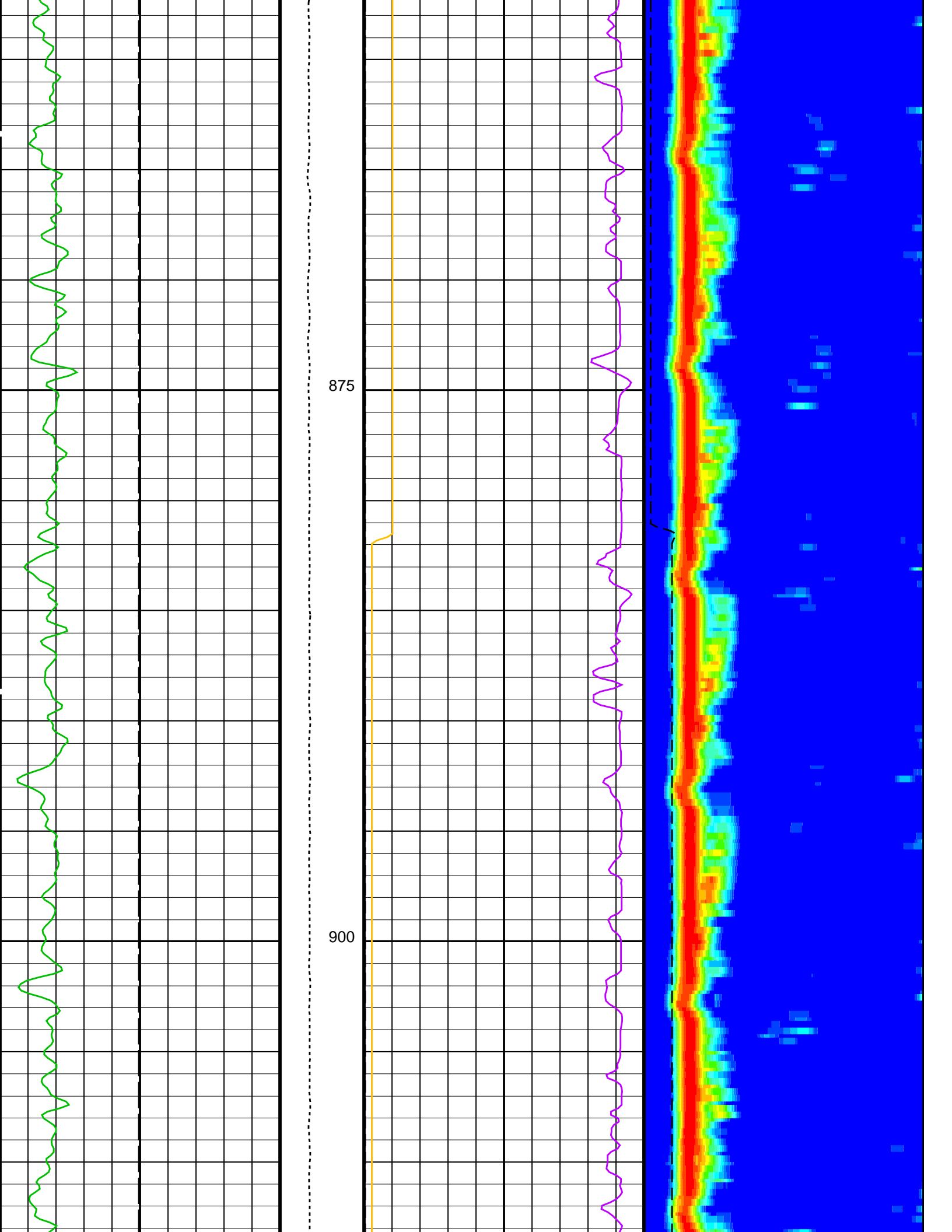
GPIT-A/B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

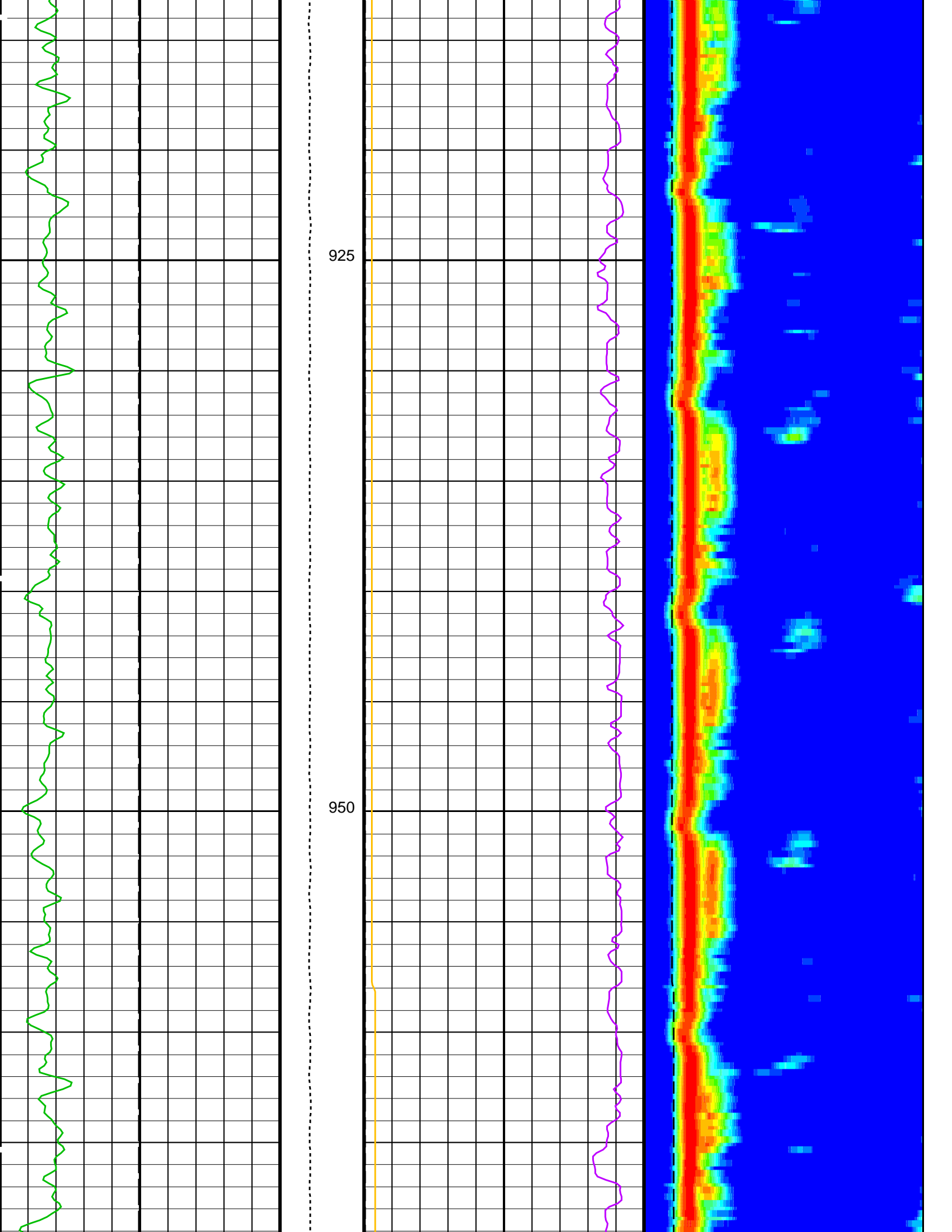
PIP SUMMARY

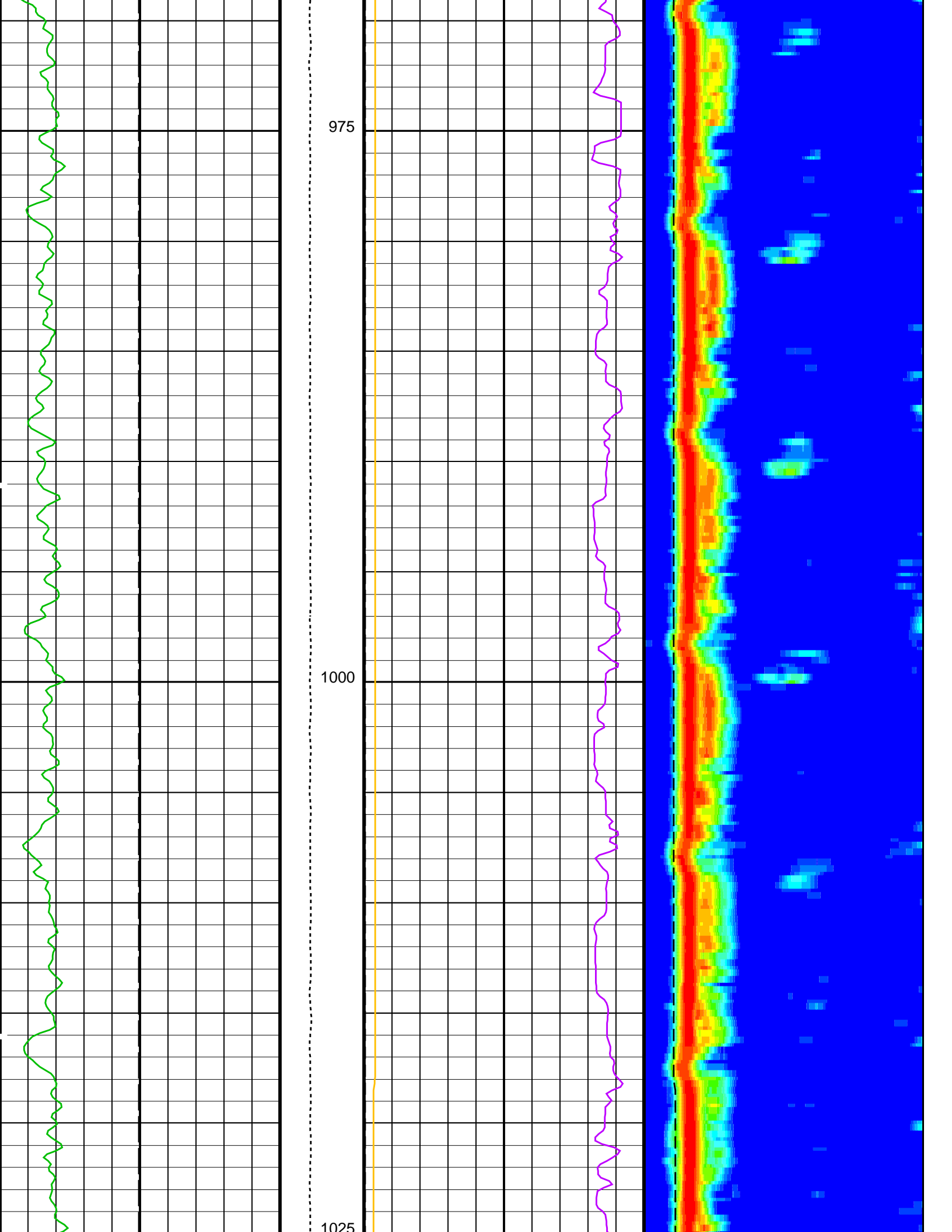
Time Mark Every 60 S

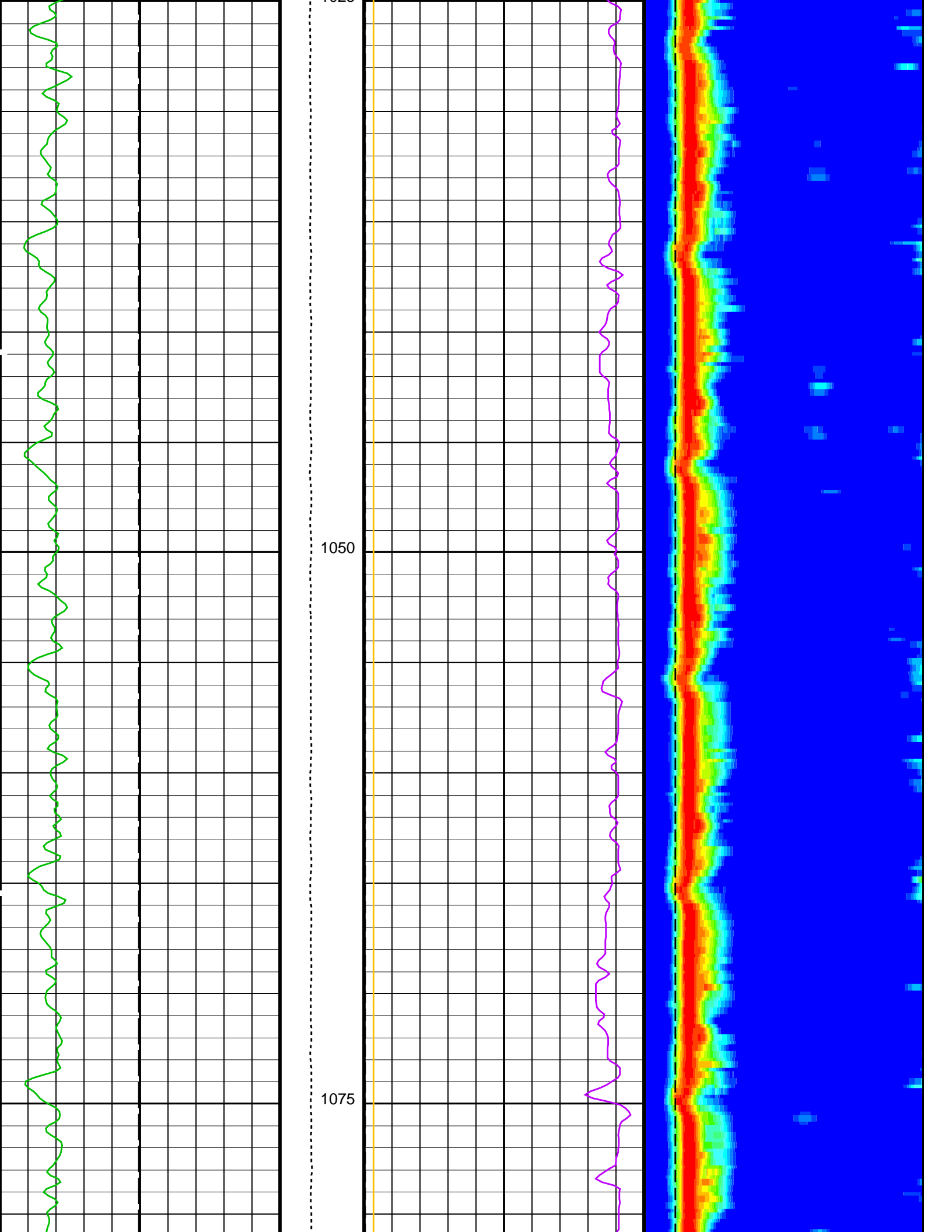


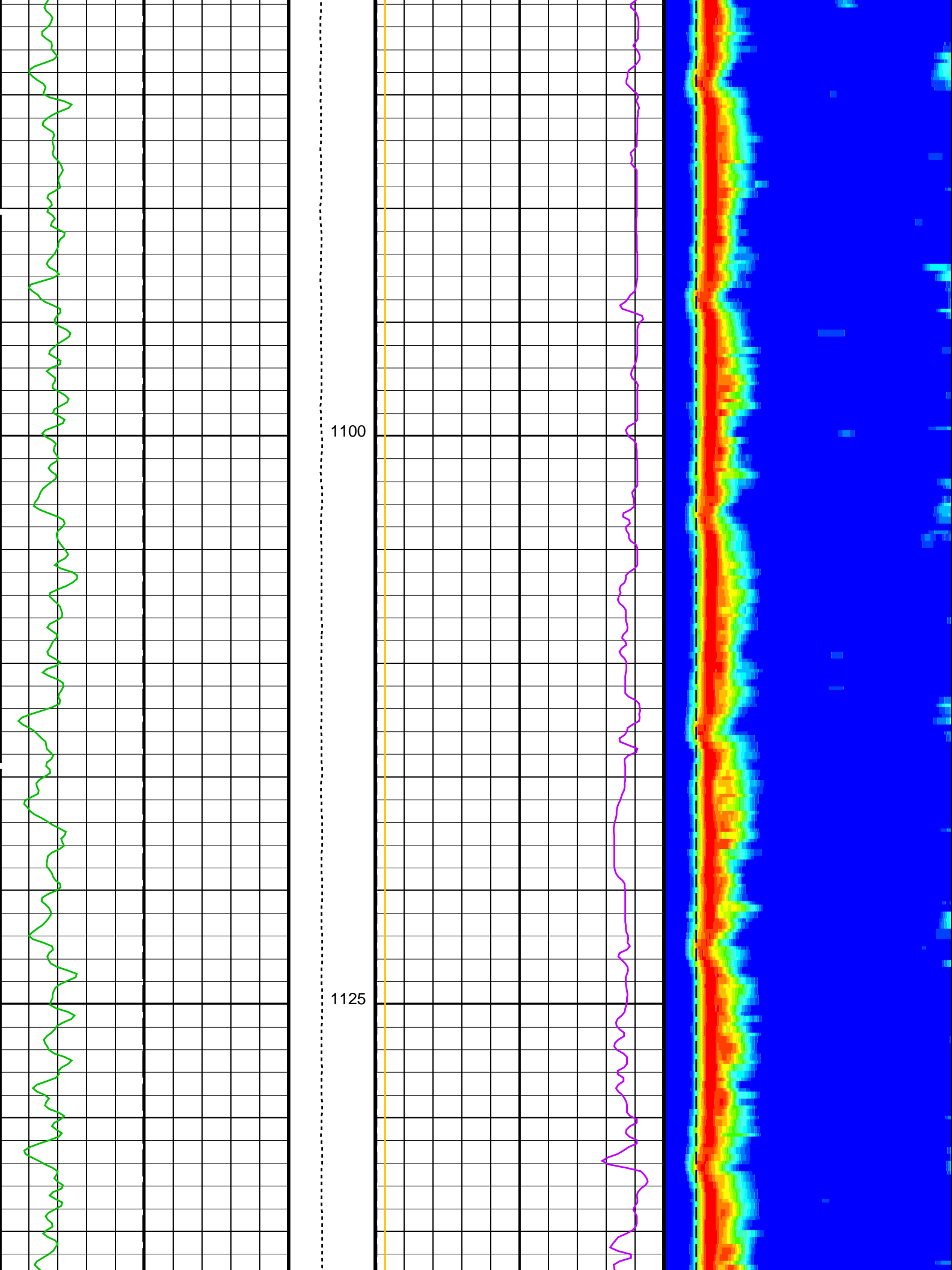


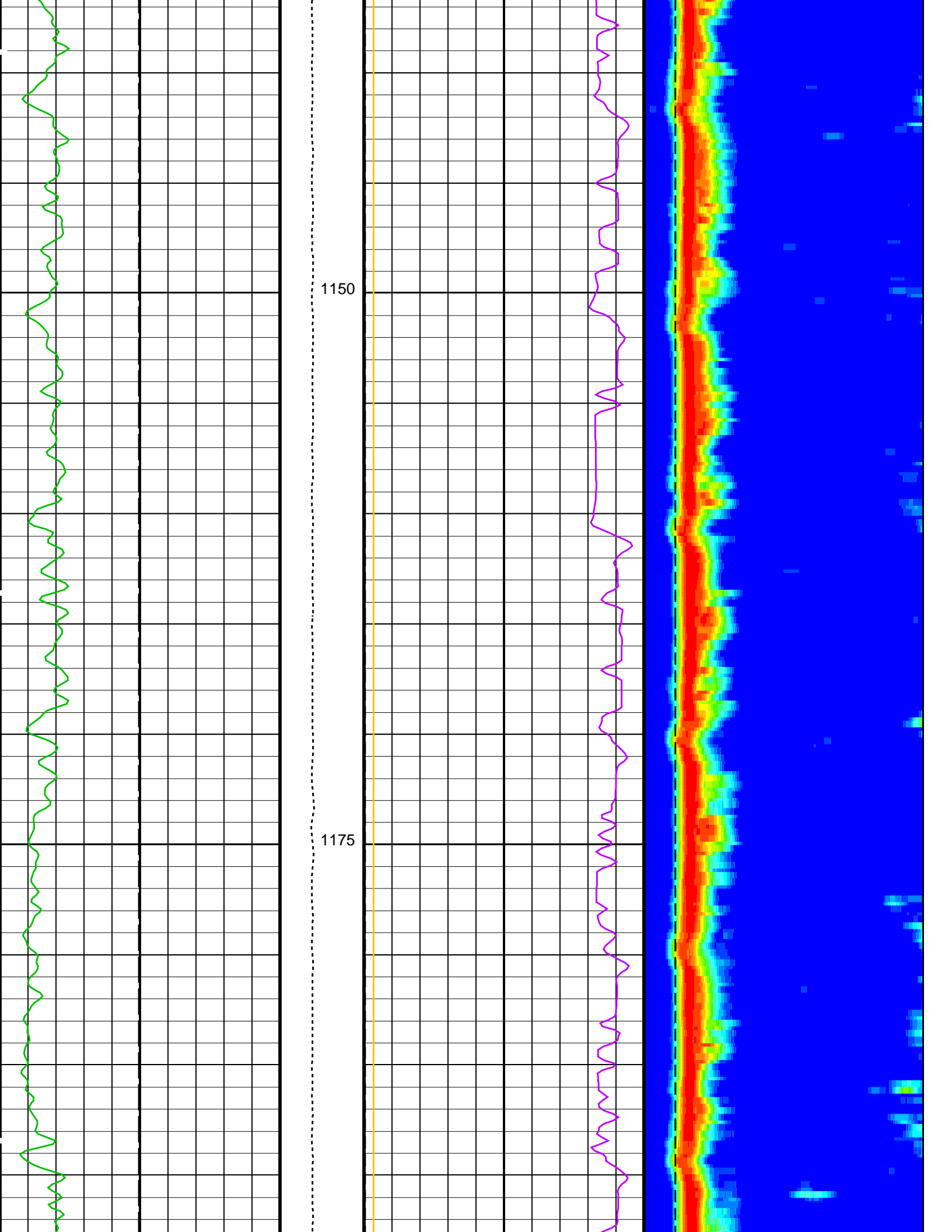


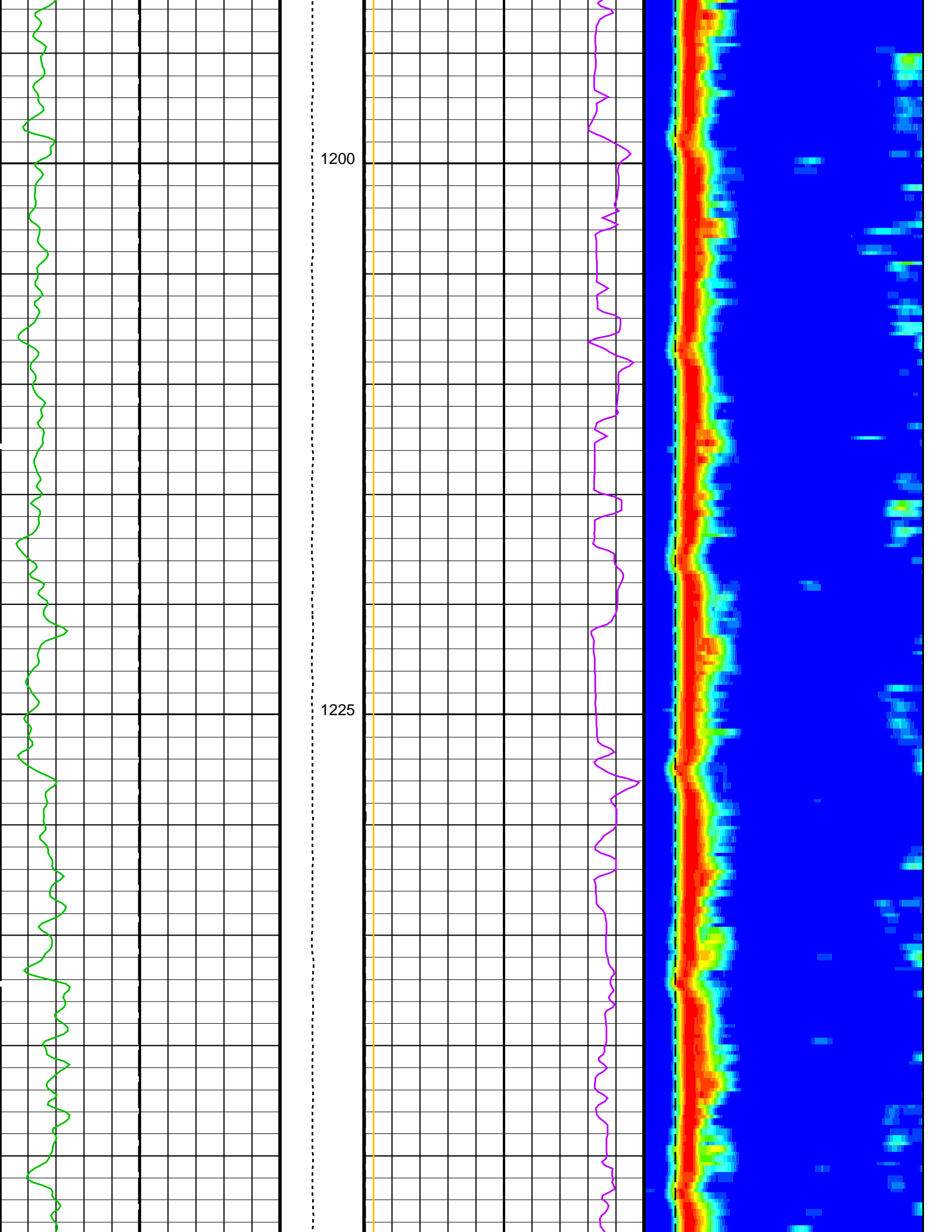


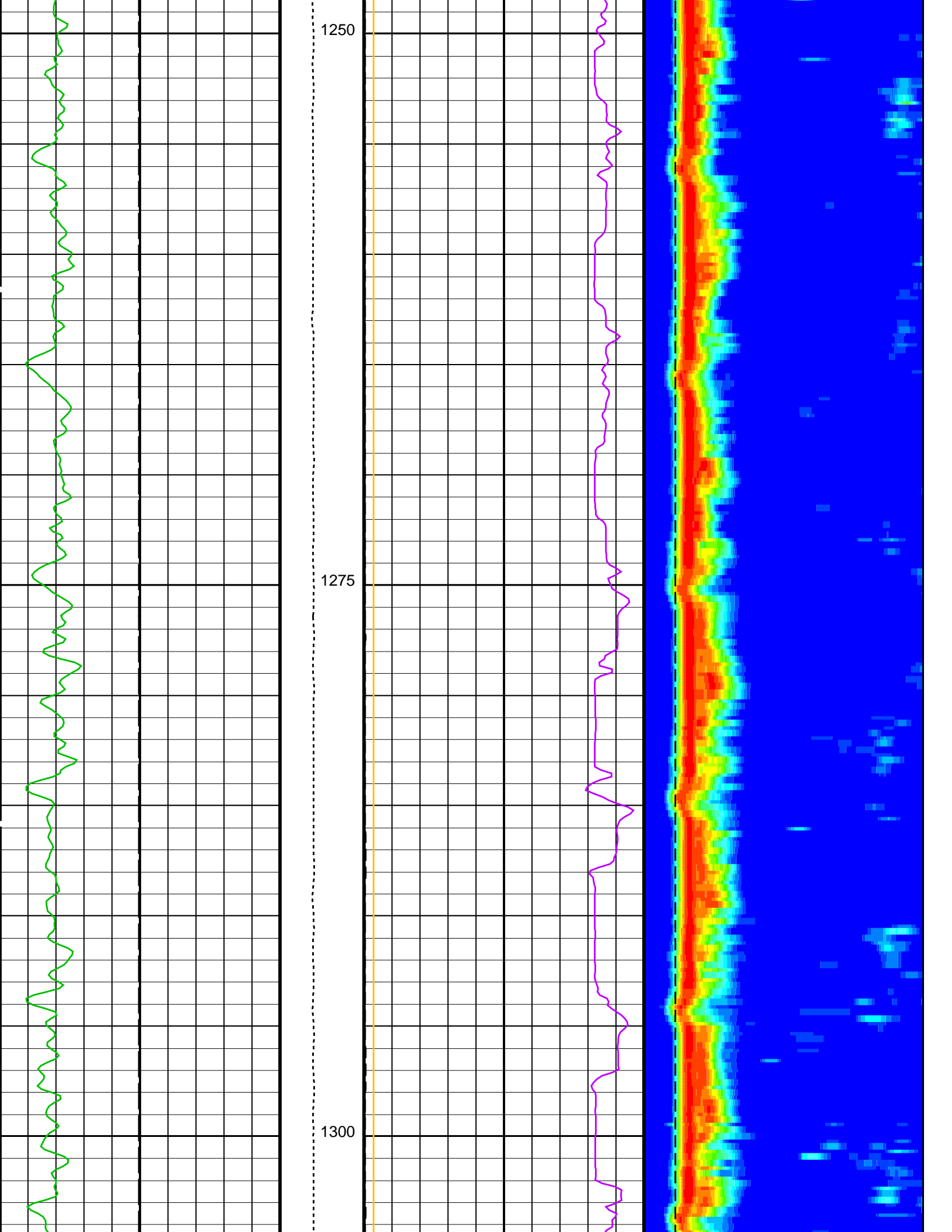


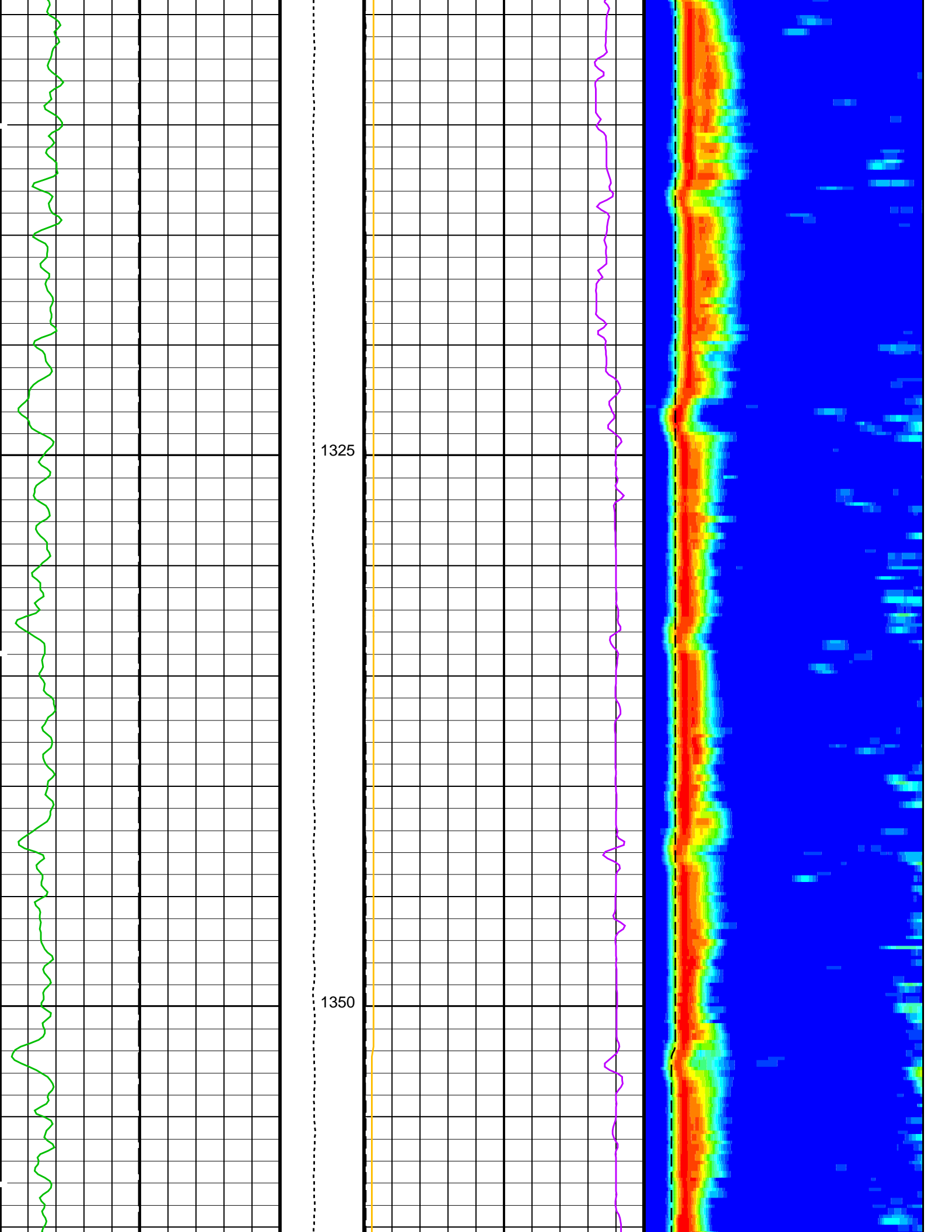


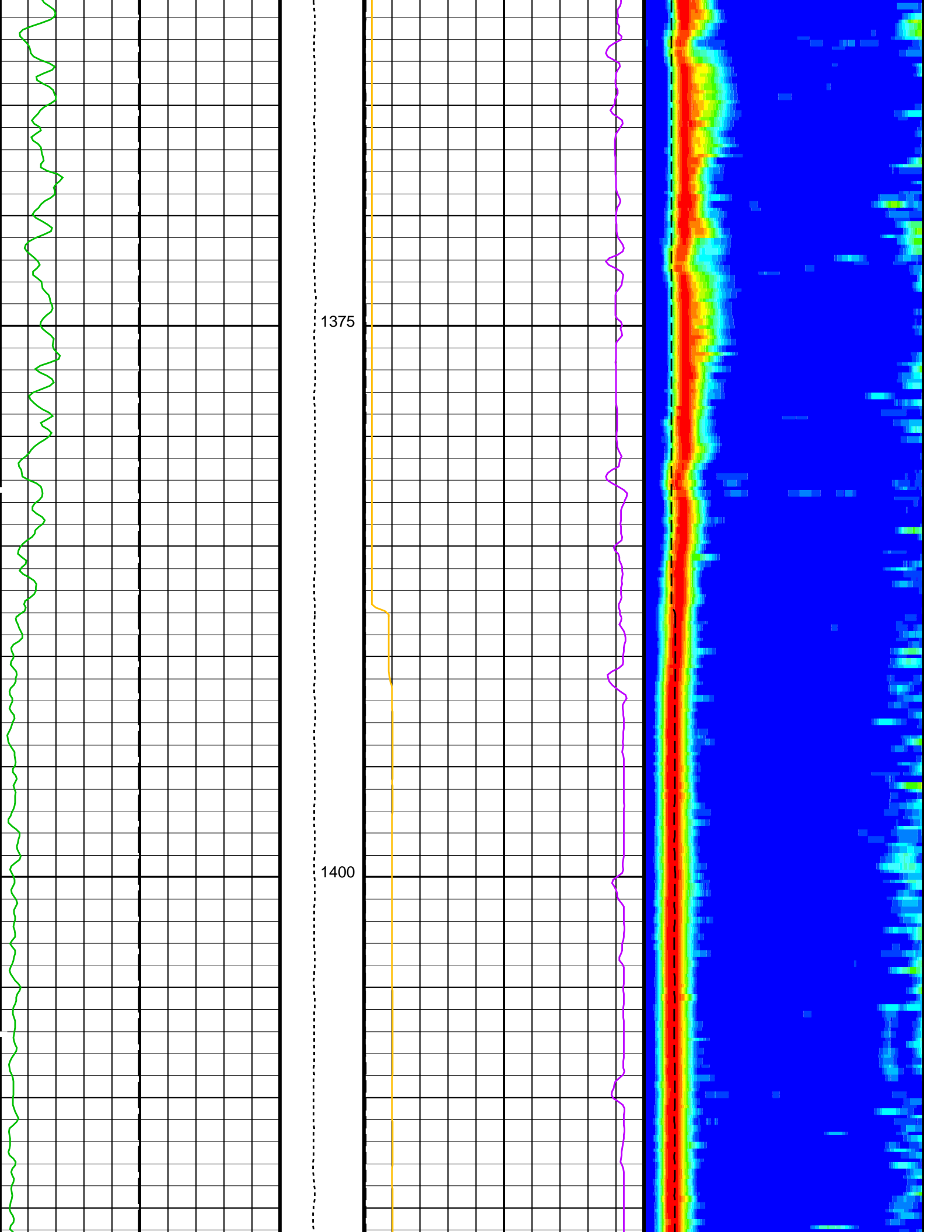


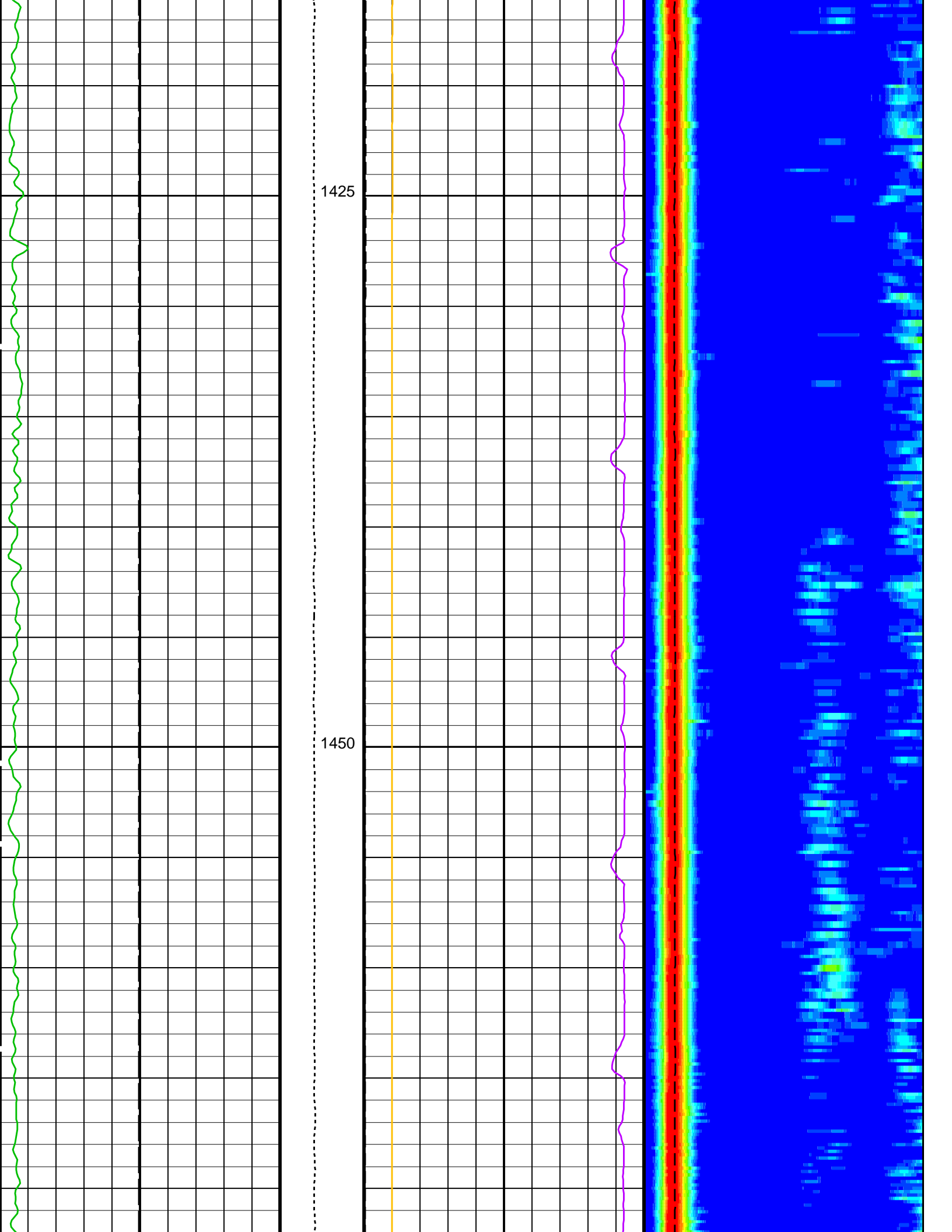


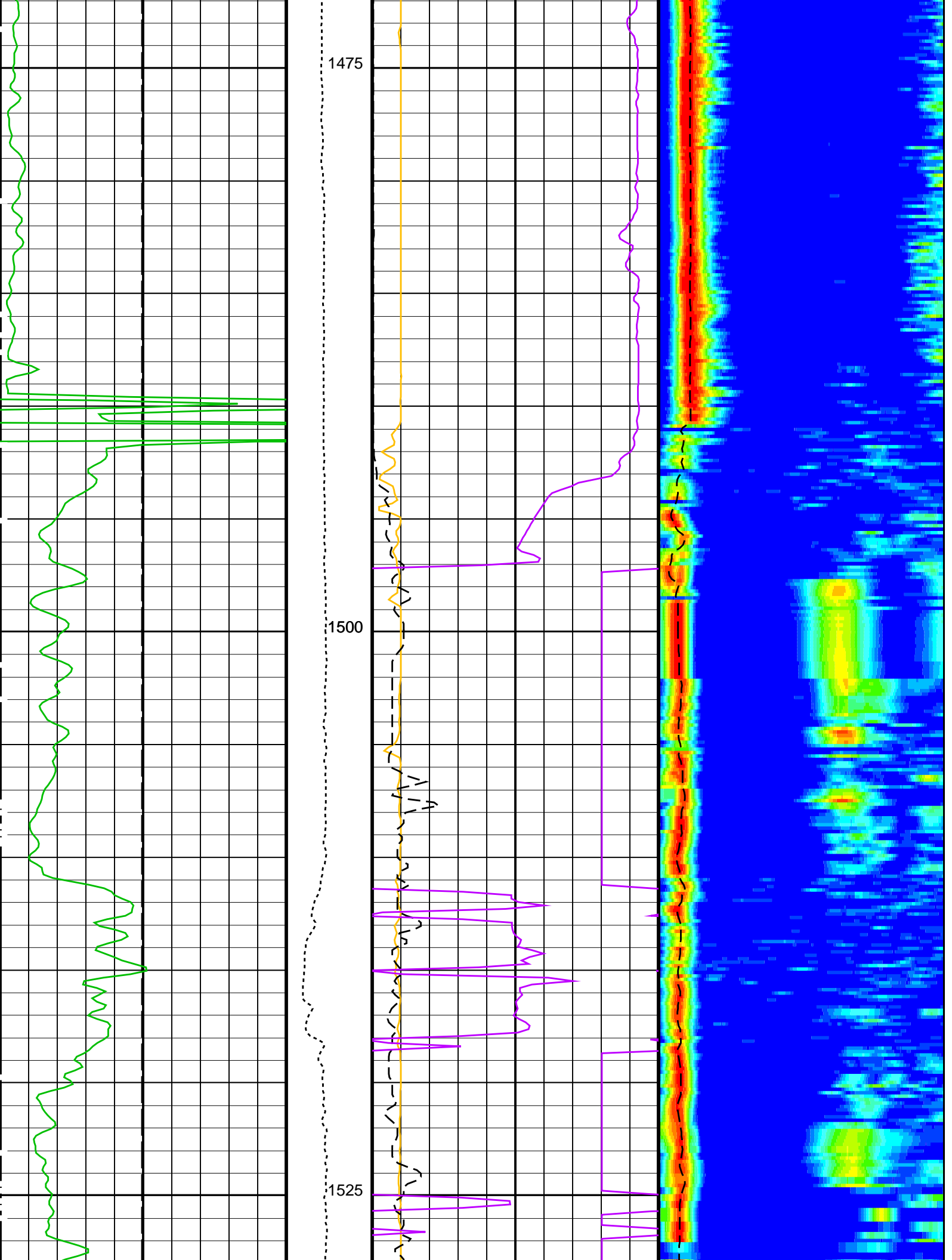


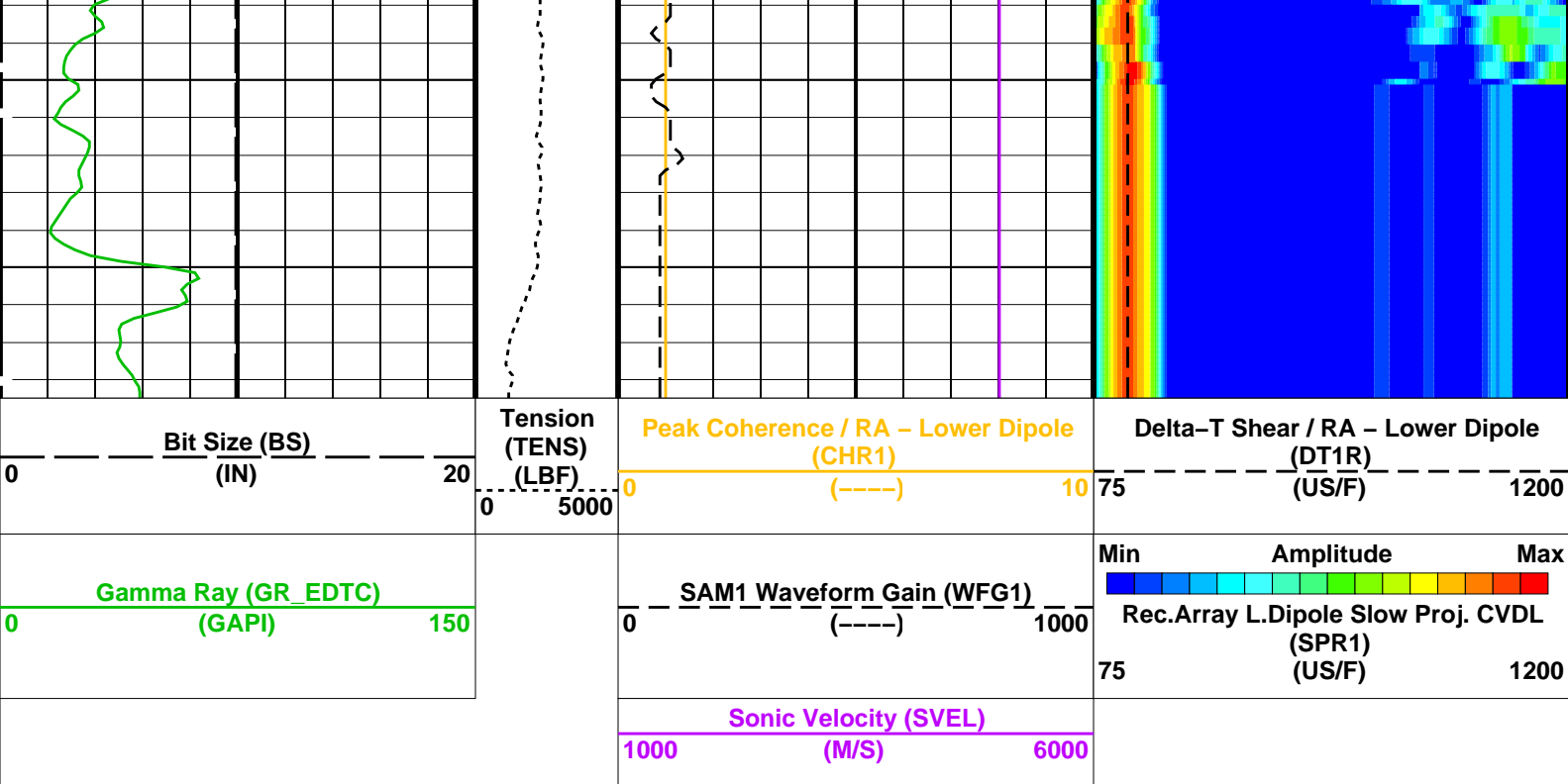












PIP SUMMARY

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	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	B1–3K	
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

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 30-Jan-2024 08:53

OP System Version: 19C0-187

GPIT-A/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_DSI_NGS_024LUP	PRODUCER	30-Jan-2024 08:27	1537.7 M	786.4 M
---------	---------------------	----------	-------------------	----------	---------

Output DLIS Files

DEFAULT	DSI_NGS_025PUP	FN:22	PRODUCER	30-Jan-2024 08:53
---------	----------------	-------	----------	-------------------

Company: International Ocean Discovery Program

Well: Expedition 401, Site U1611A

Input DLIS Files

DEFAULT	Flip_DSI_NGS_024LUP	PRODUCER	30-Jan-2024 08:27	1537.7 M	786.4 M
---------	---------------------	----------	-------------------	----------	---------

Output DLIS Files

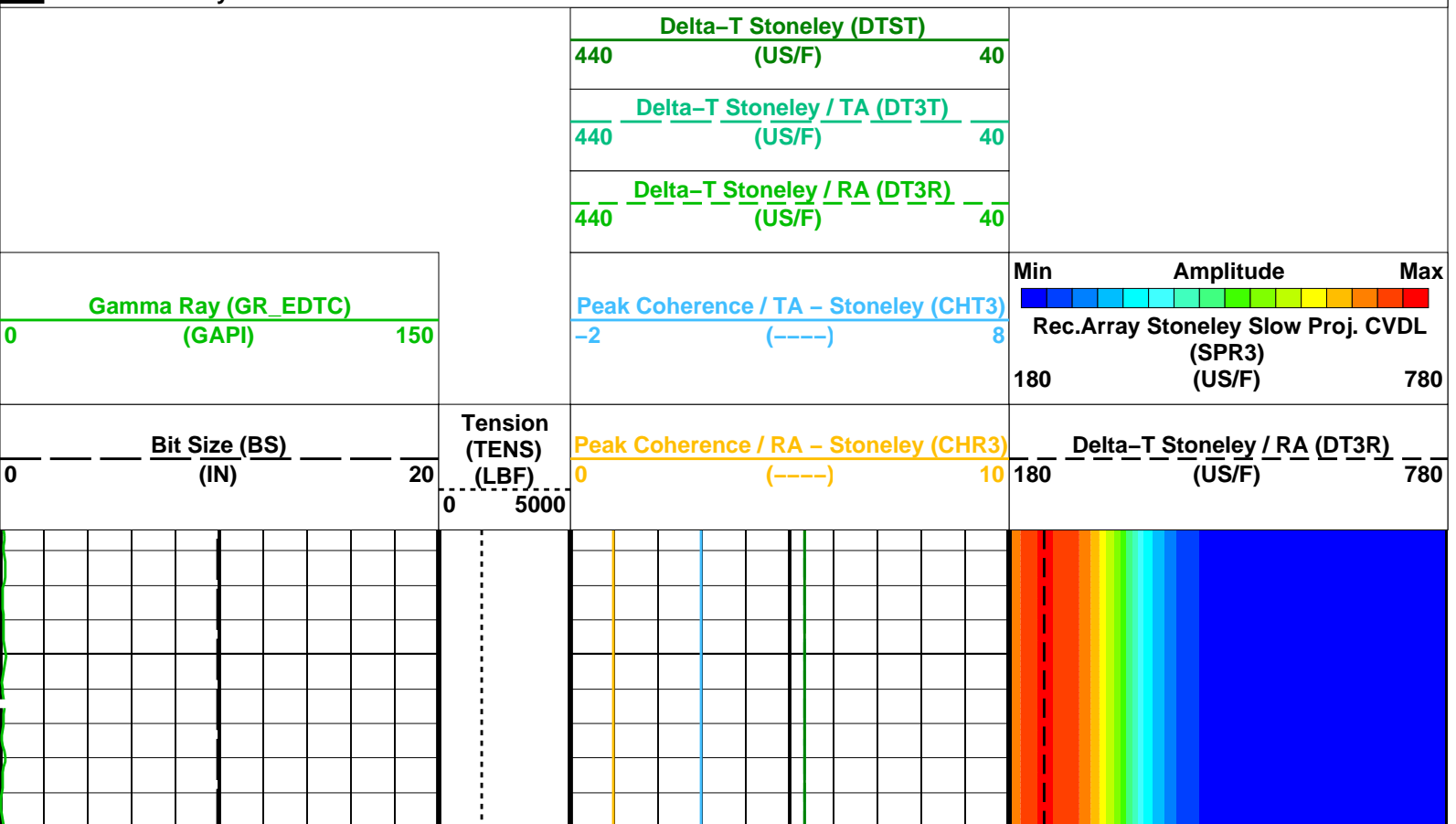
DEFAULT	DSI NGS 025PUP	FN:22	PRODUCER	30-Jan-2024 08:53	1538.5 M	786.4 M
---------	----------------	-------	----------	-------------------	----------	---------

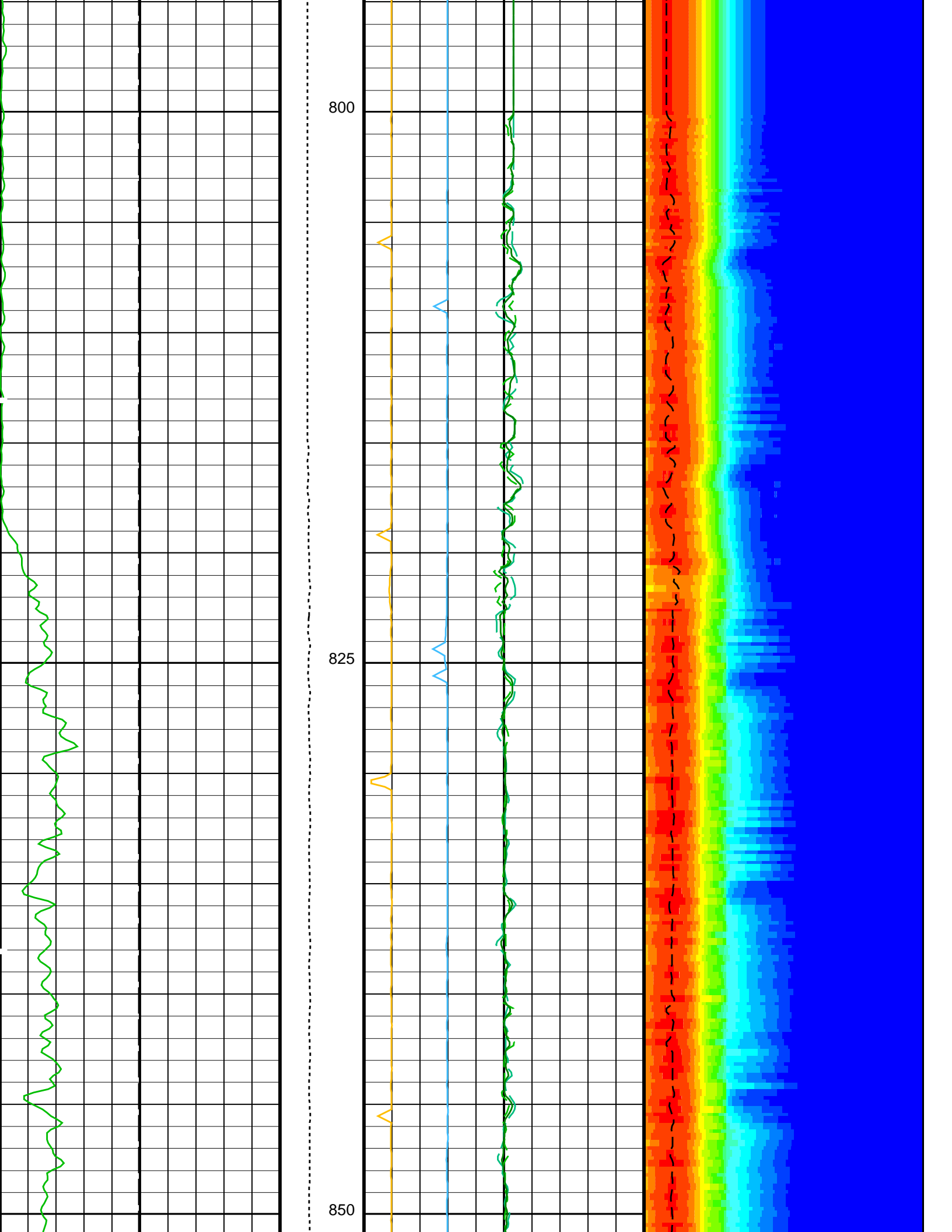
OP System Version: 19C0-187

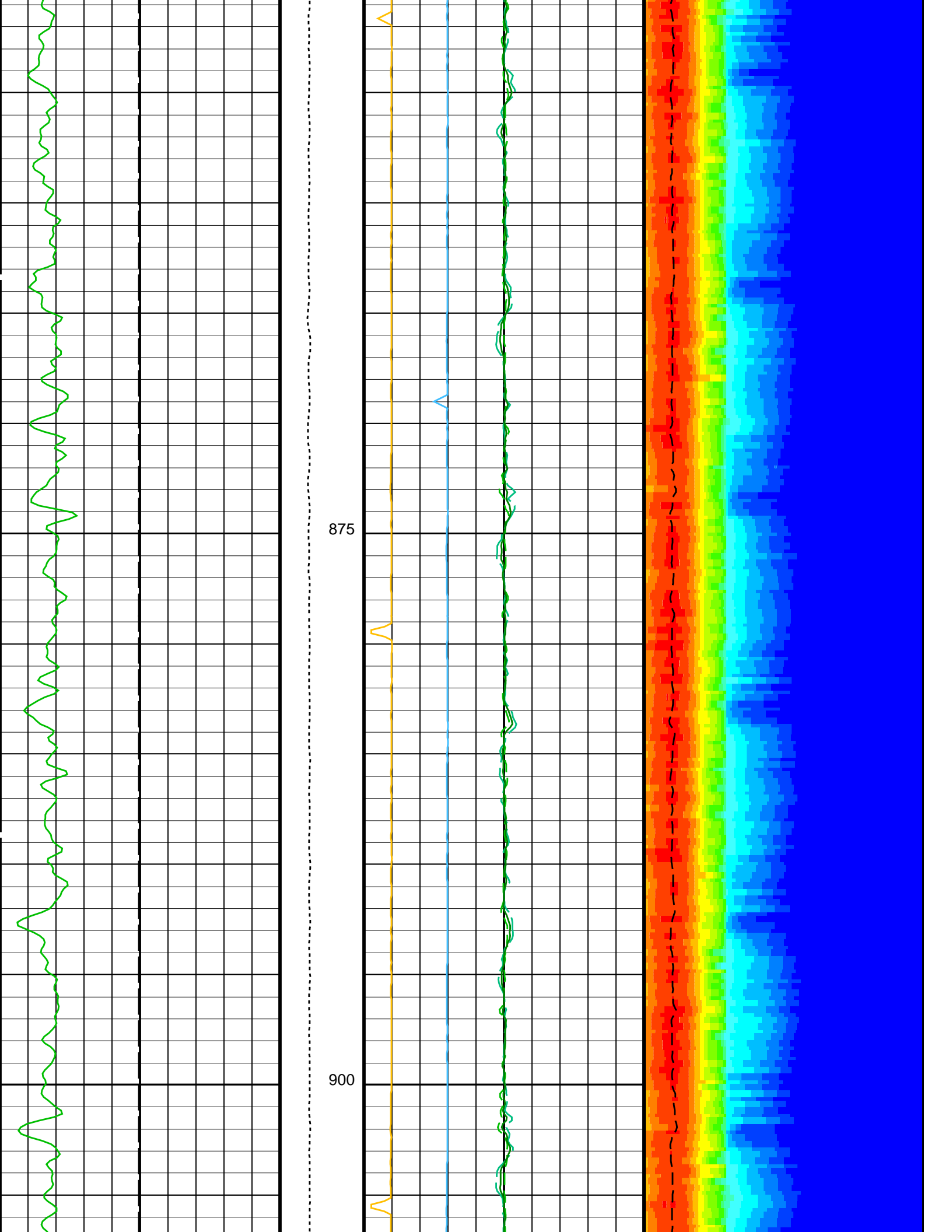
GPIT-A/B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

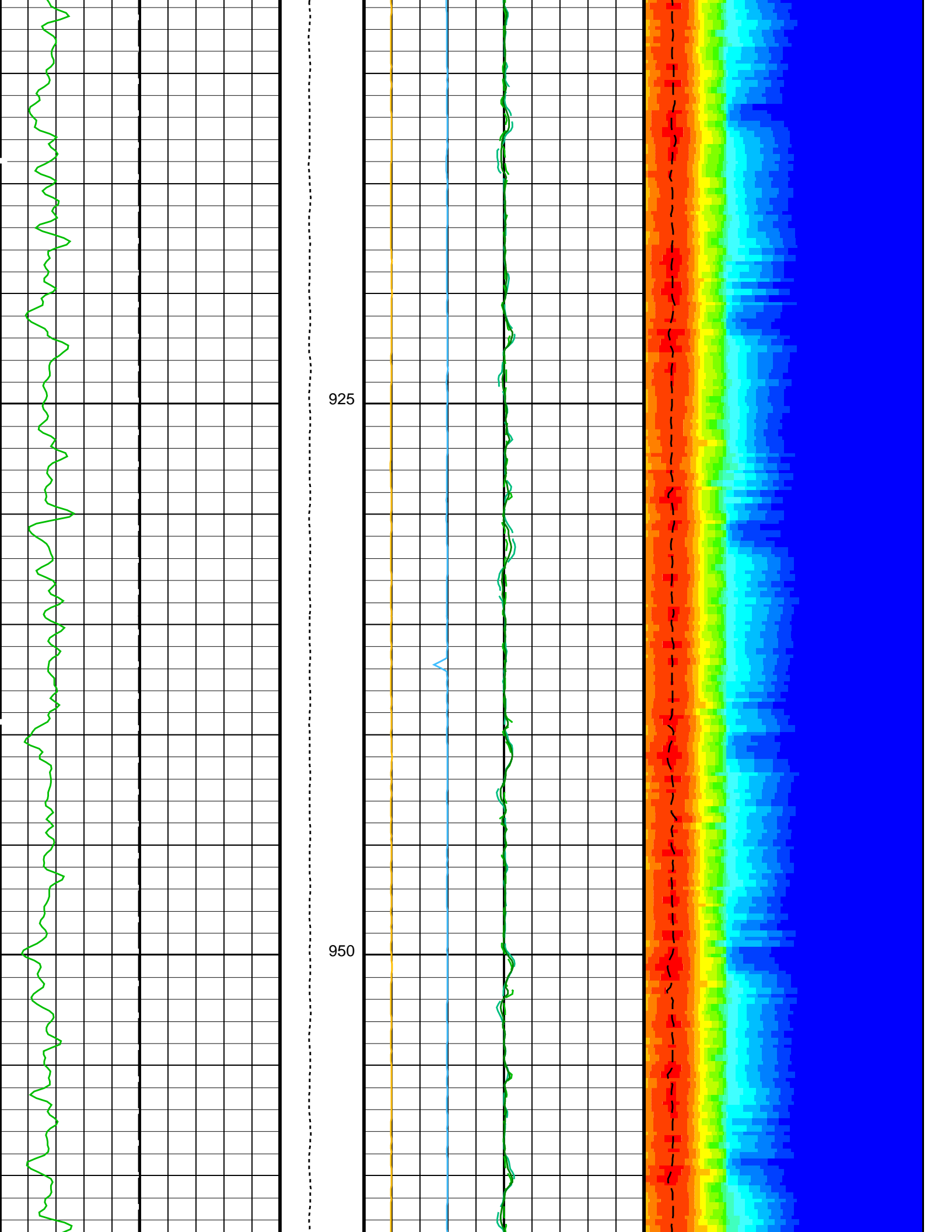
PIP SUMMARY

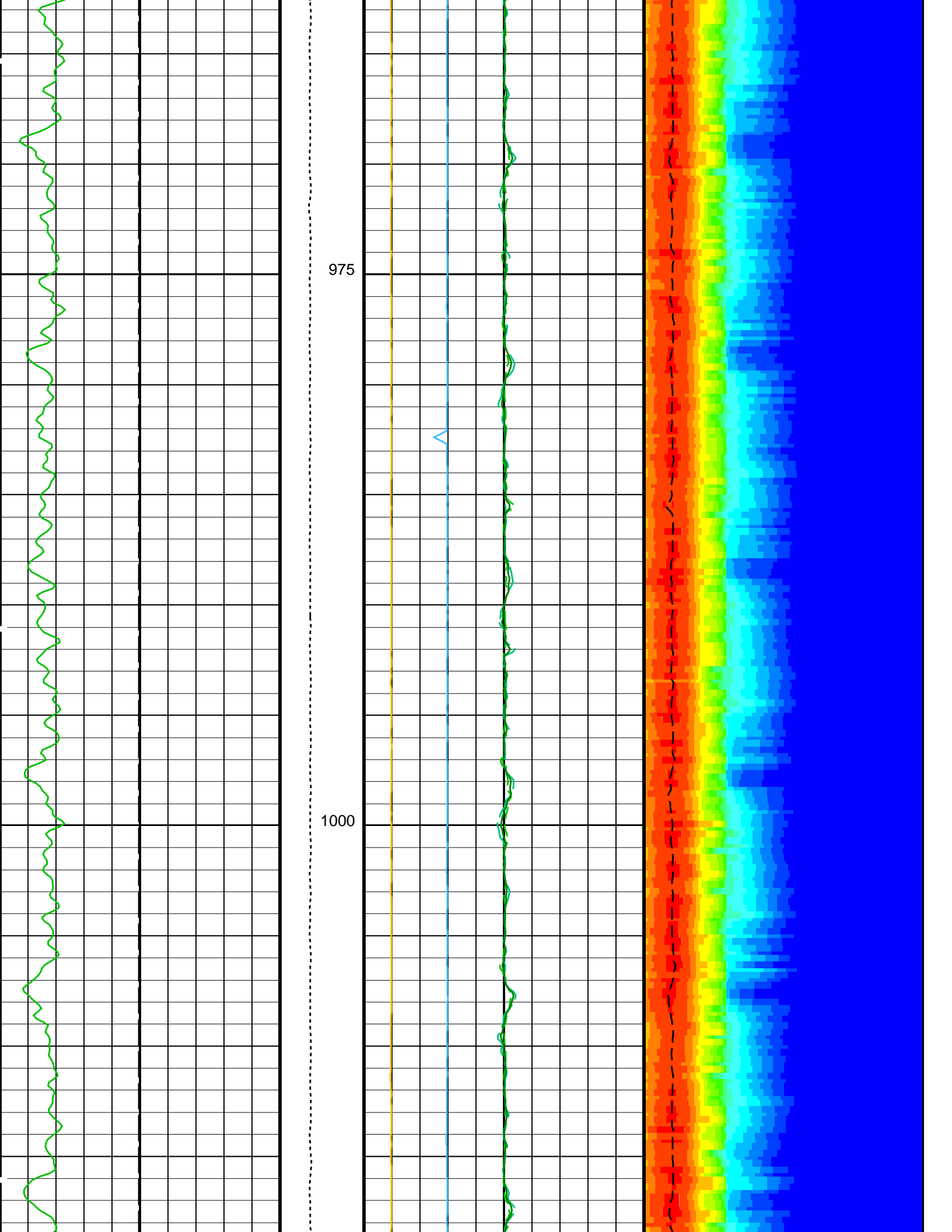
Time Mark Every 60 S

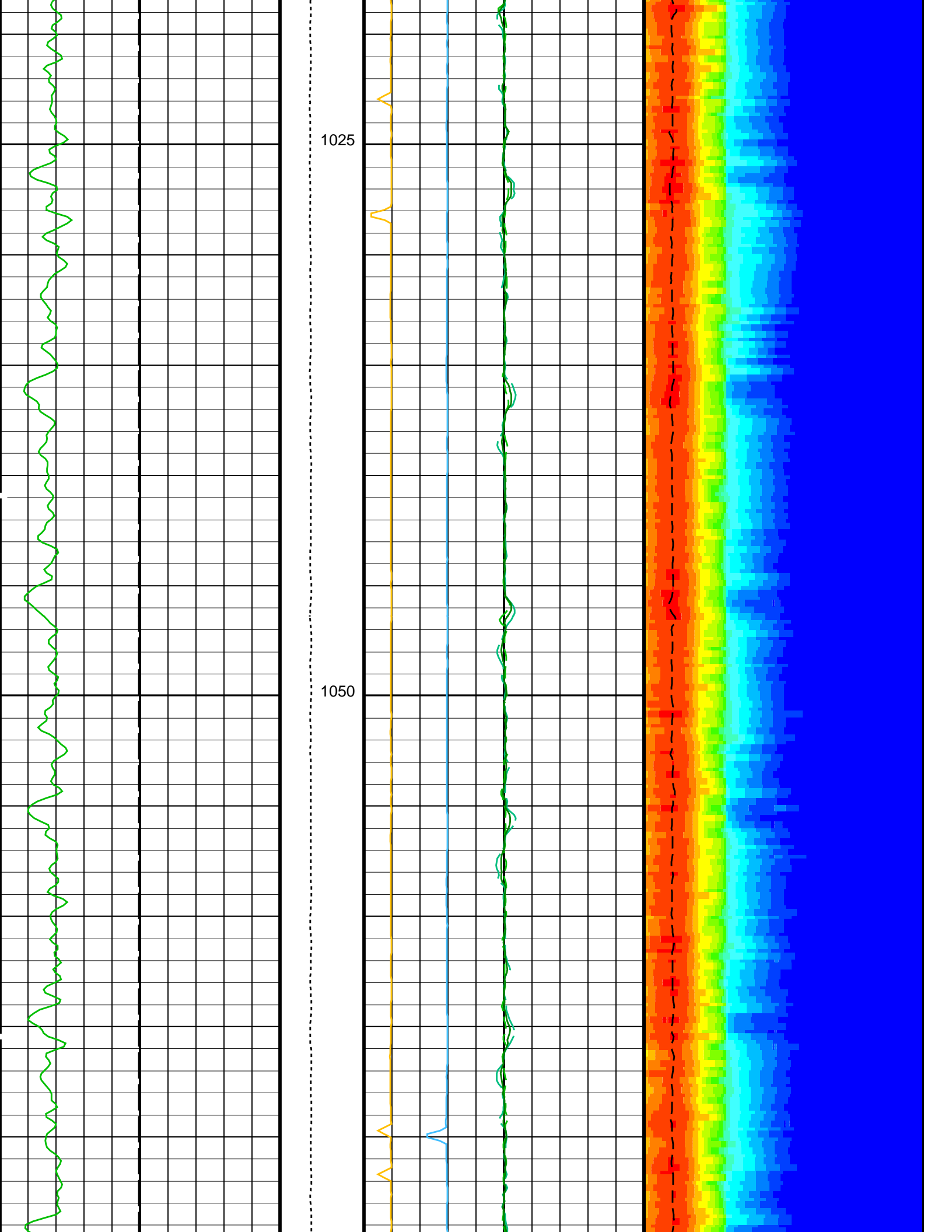


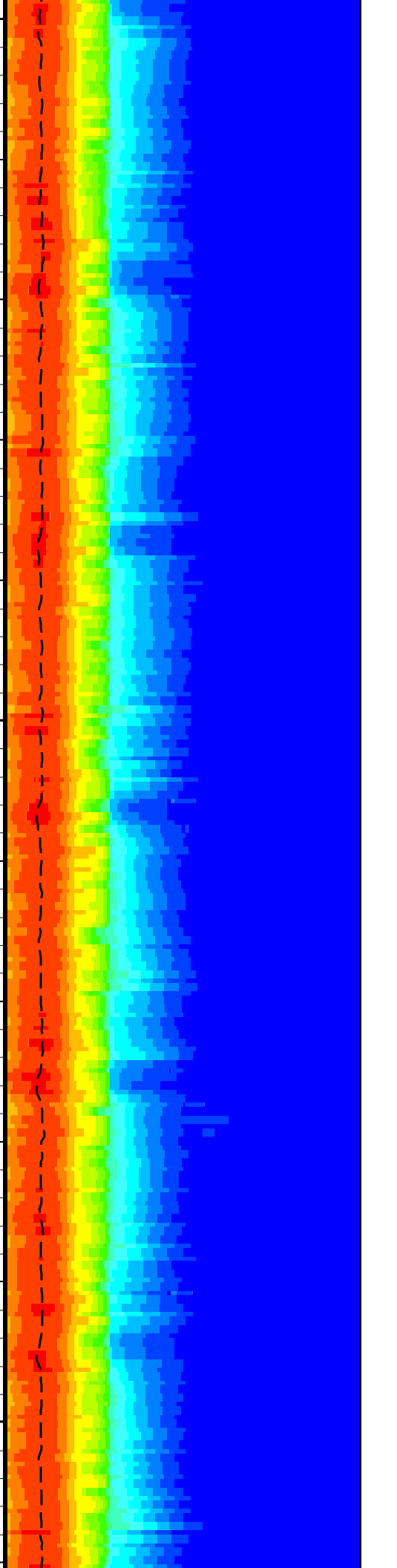
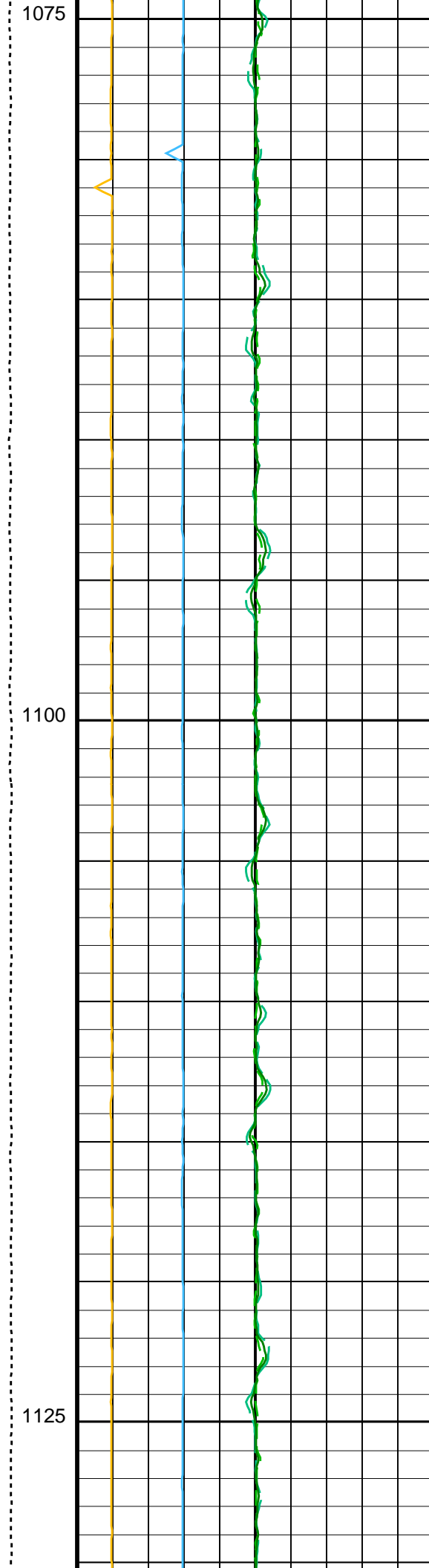
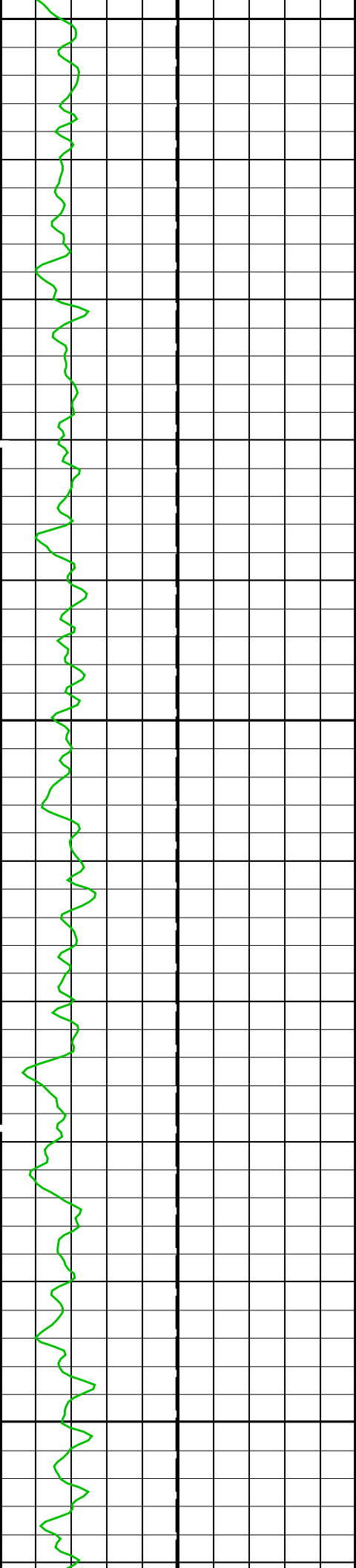


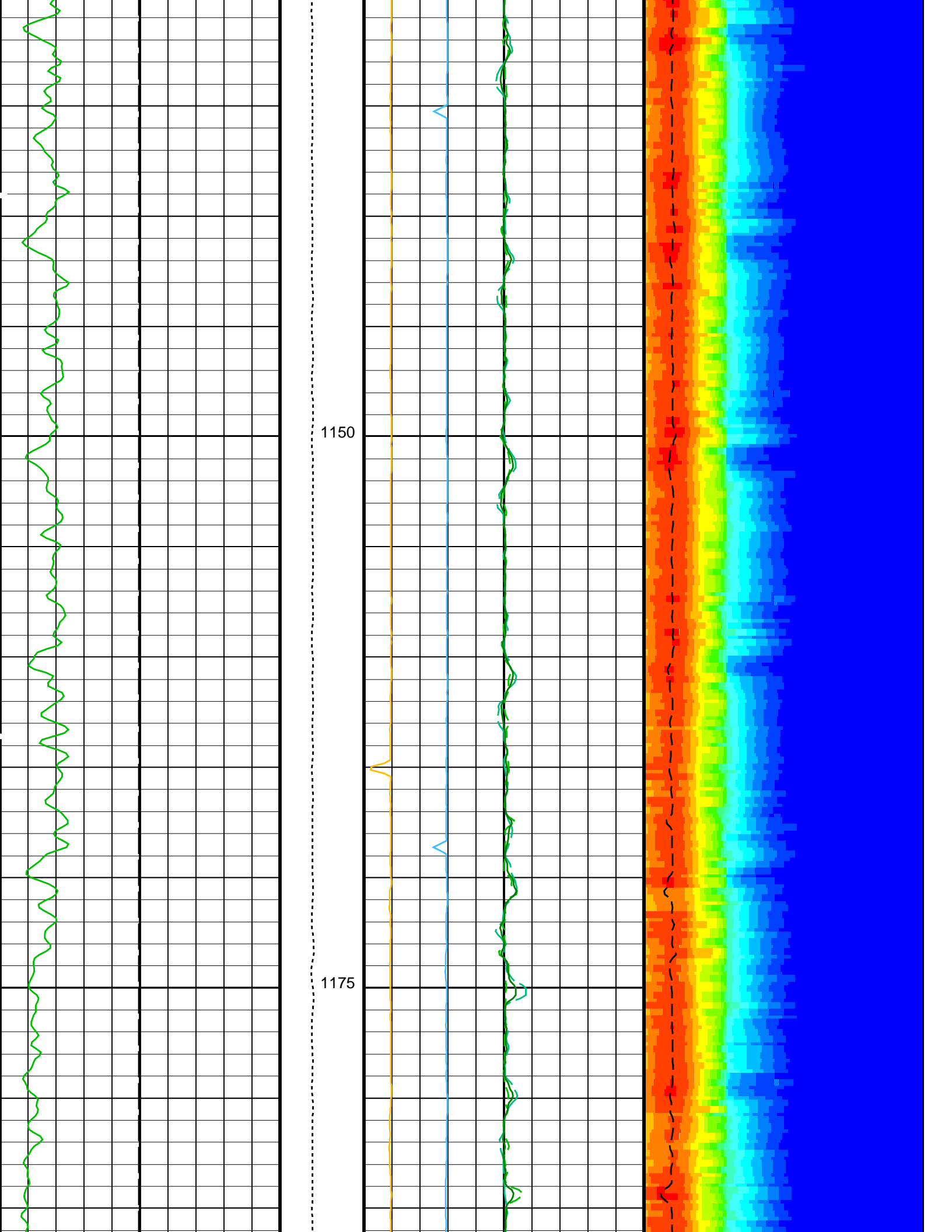


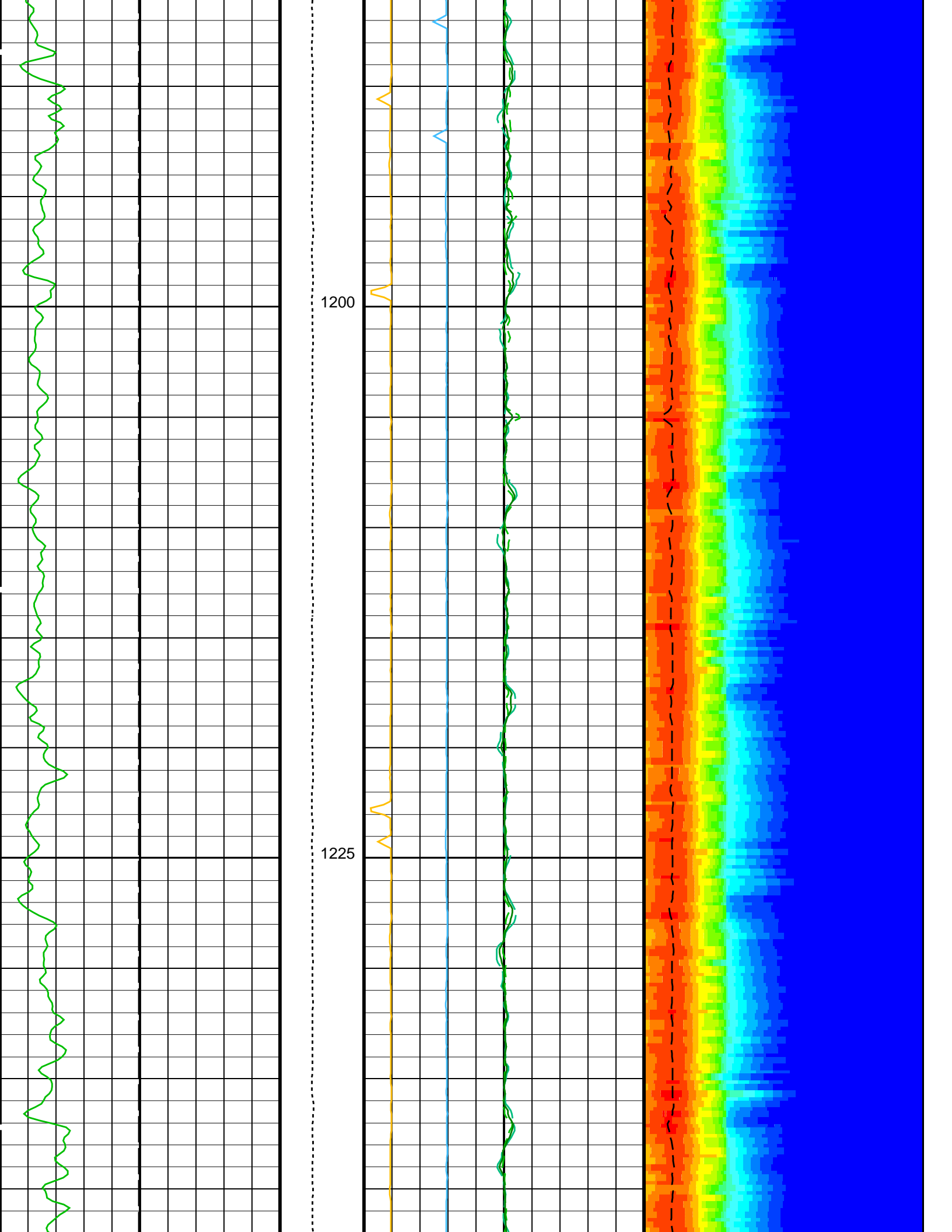


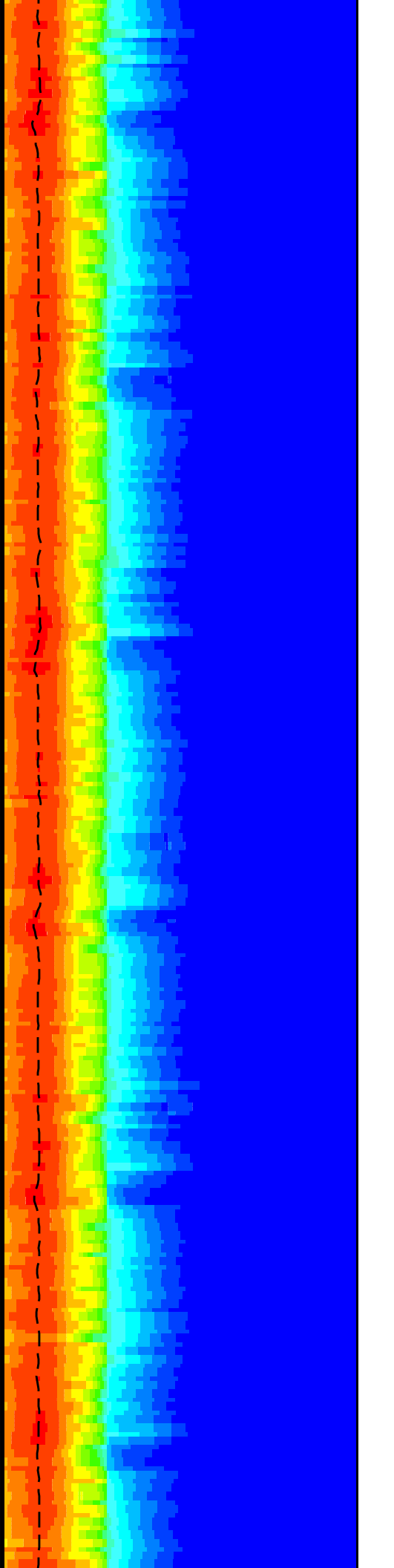
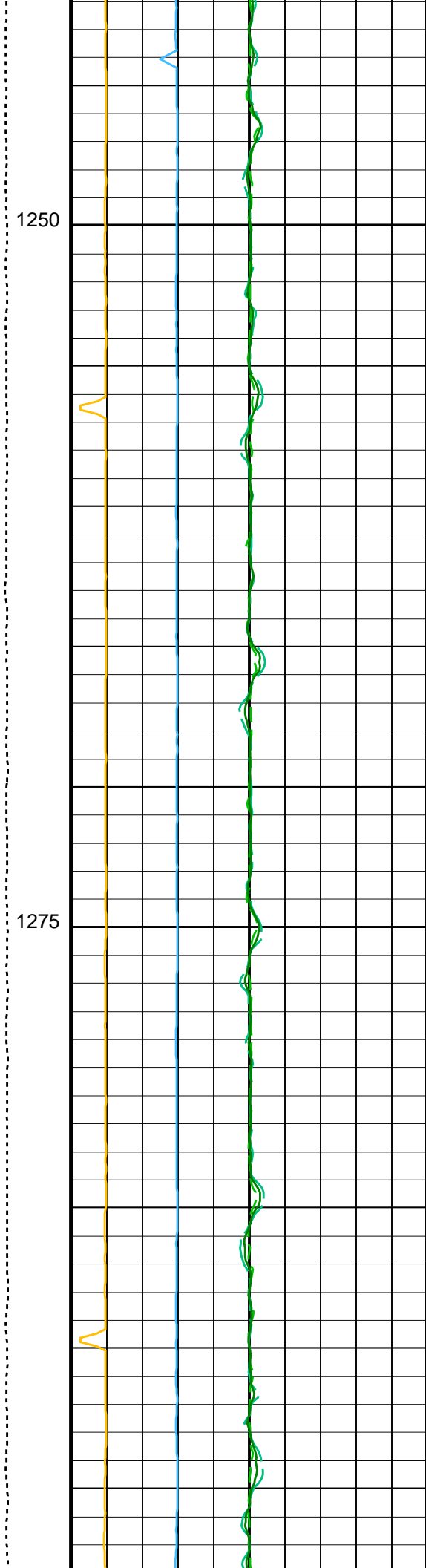
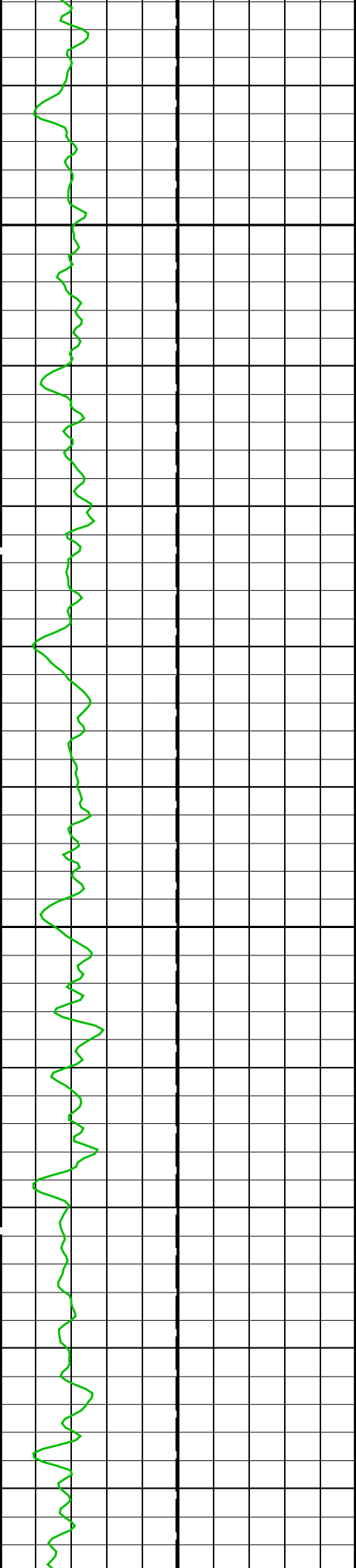


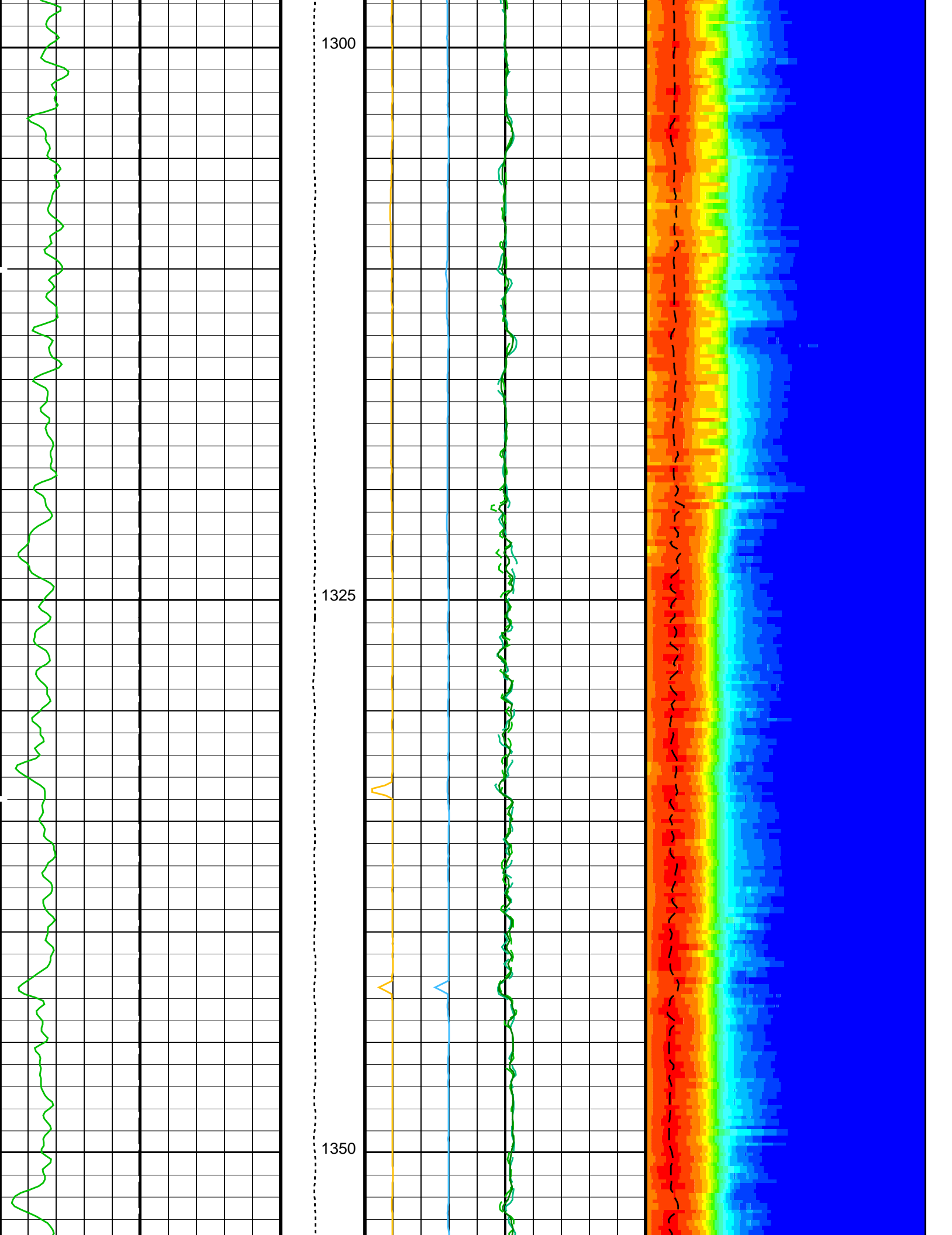


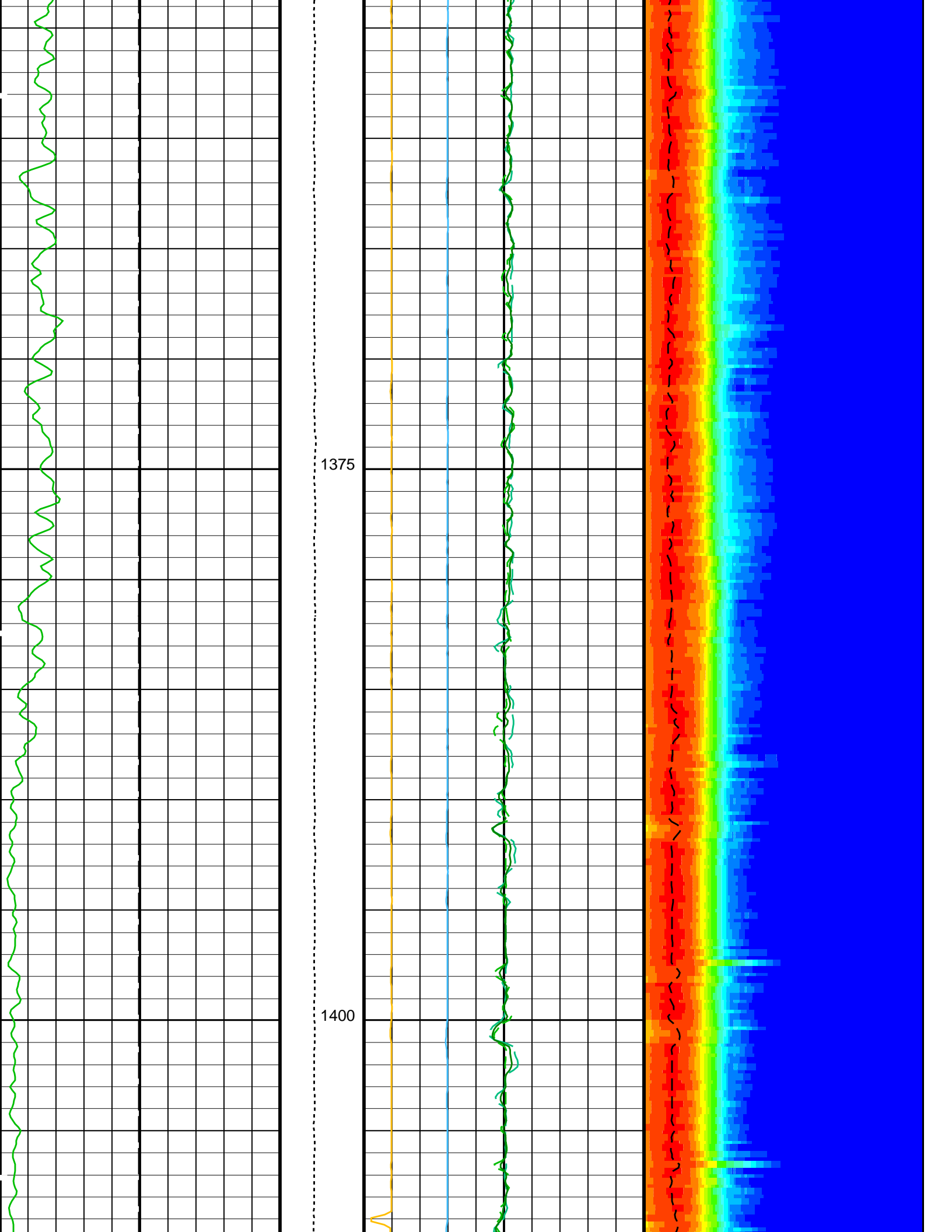


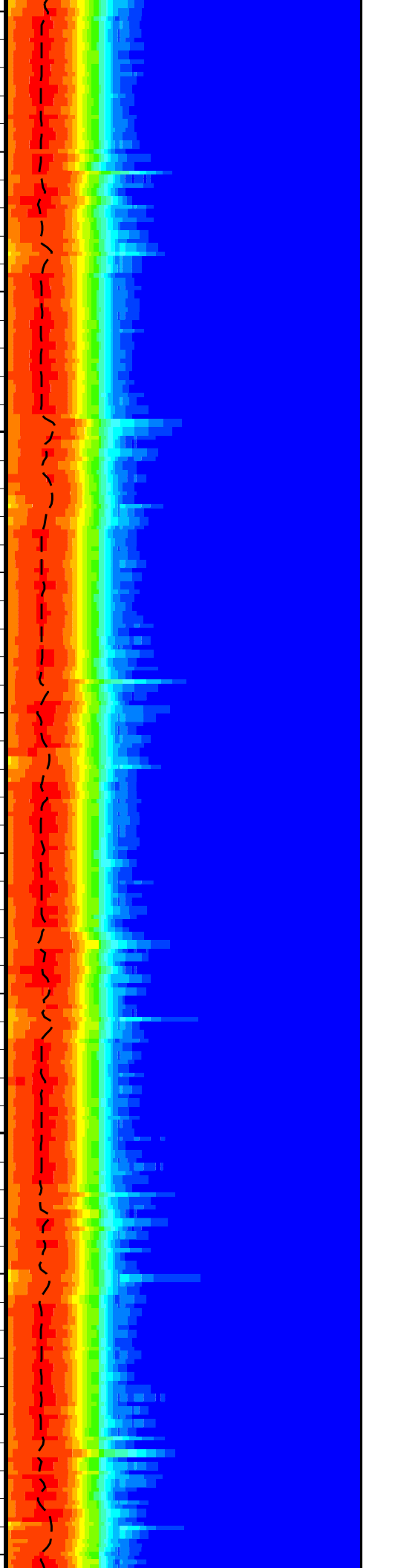
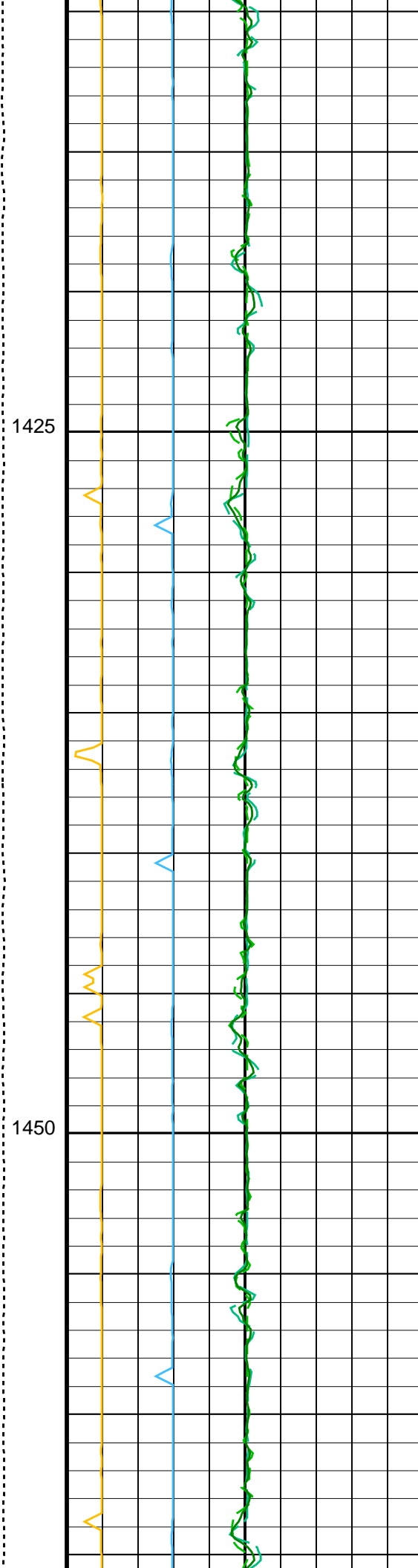
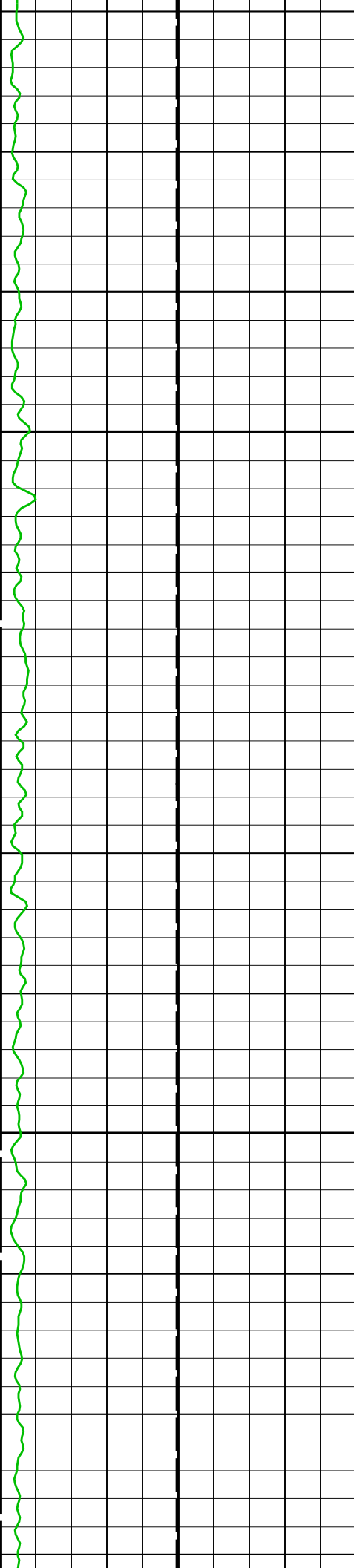


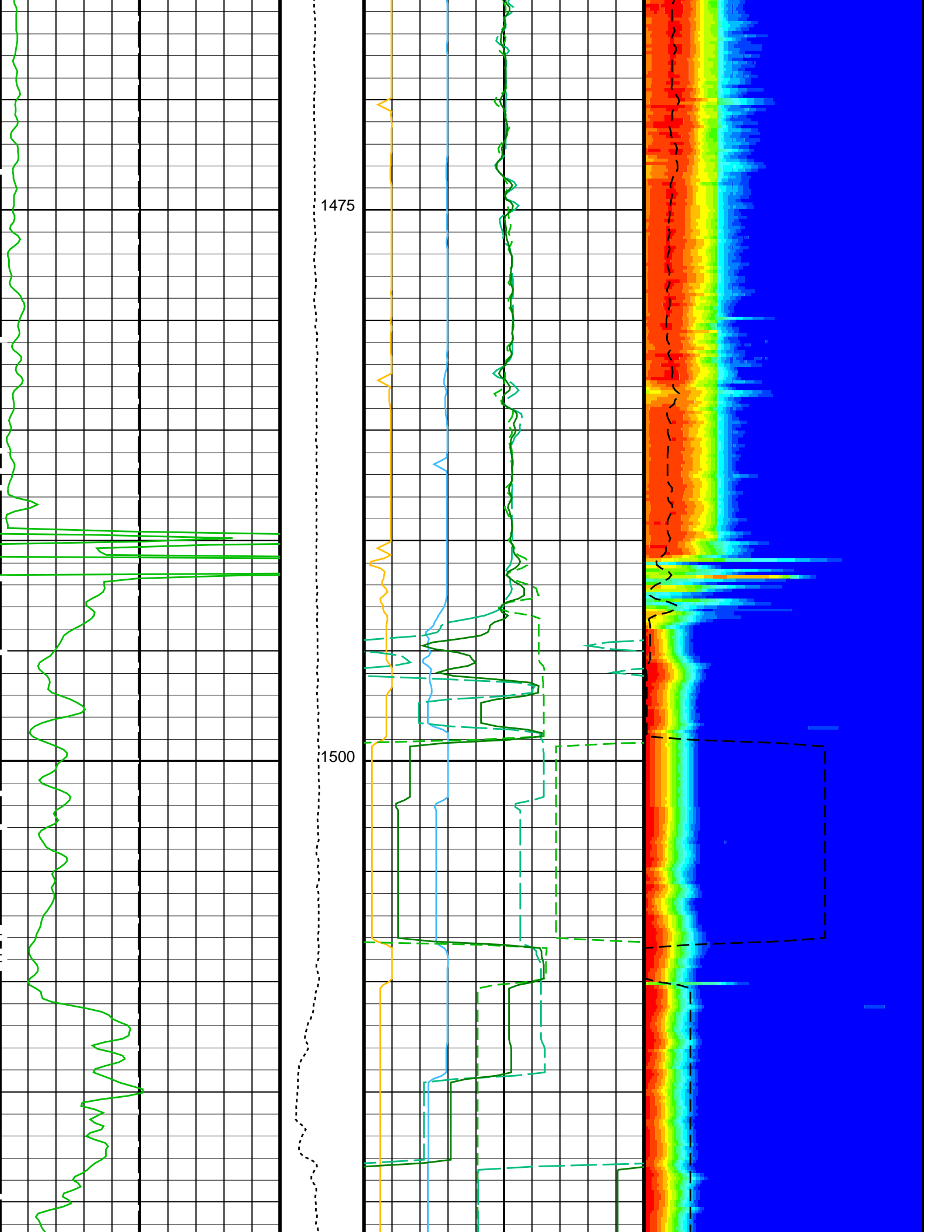


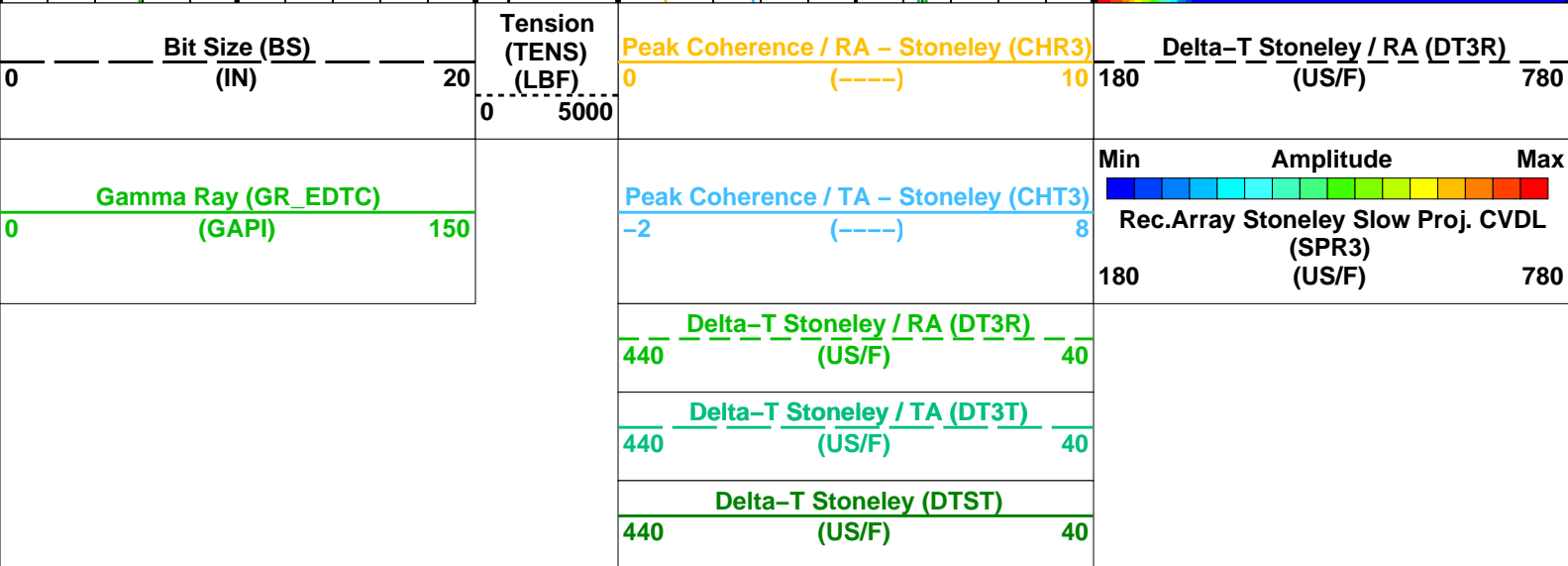
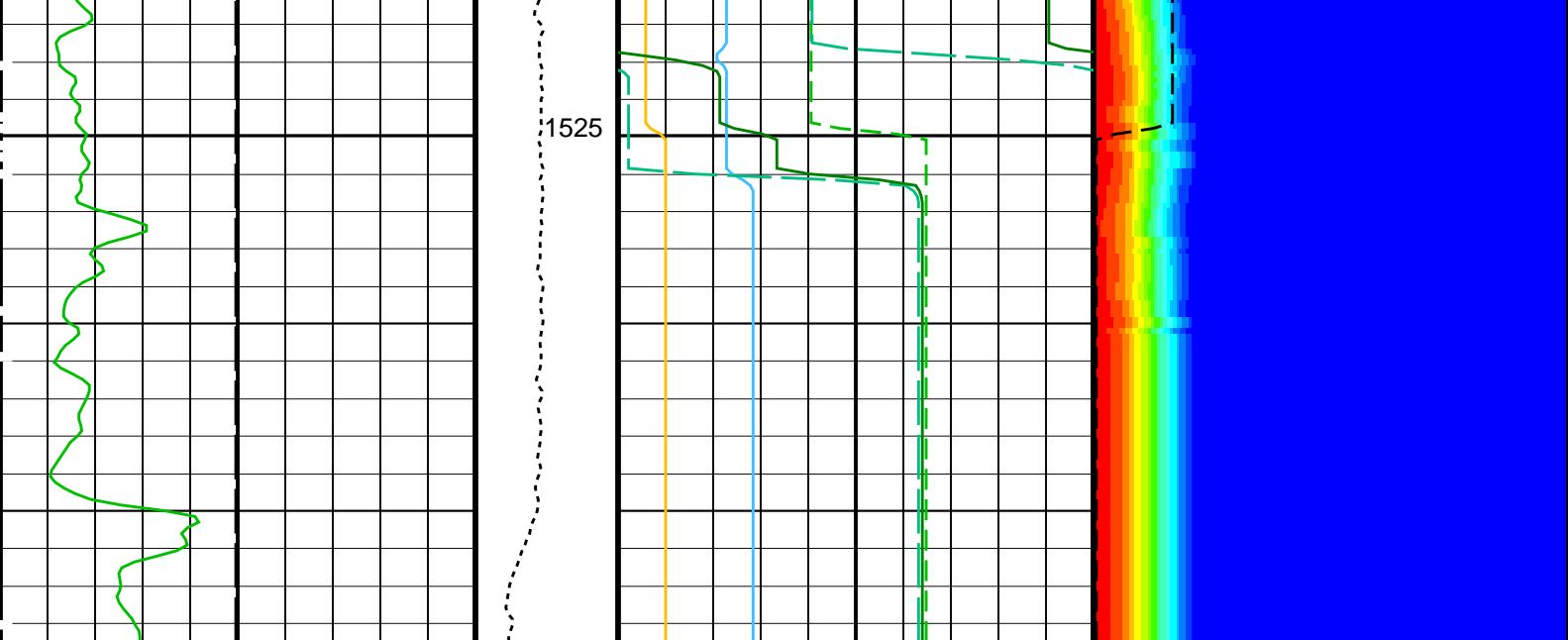












PIP SUMMARY

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-Jan-2024 08:53

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

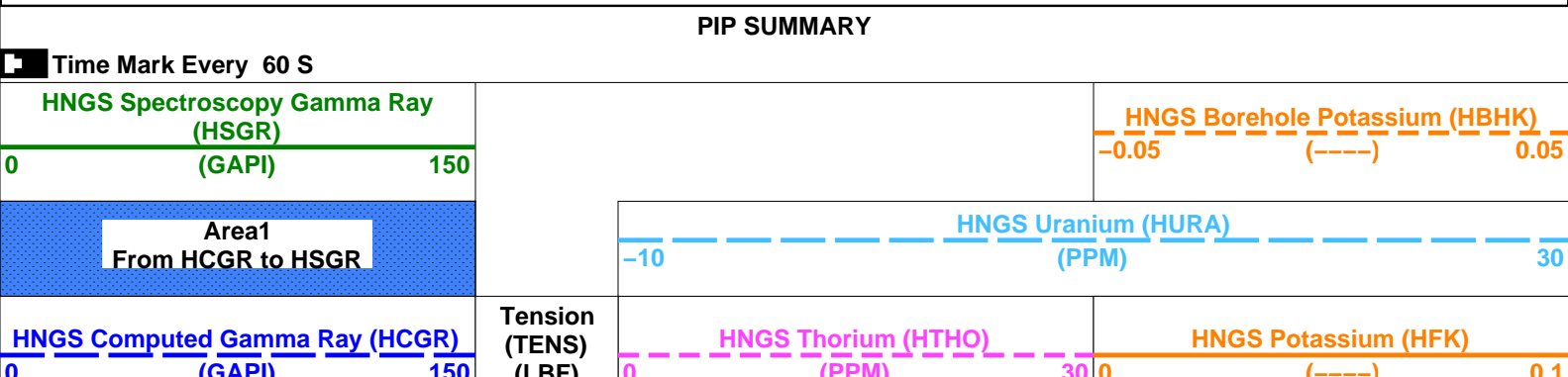
Input DLIS Files					
DEFAULT	Flip_DSI_NGS_024LUP	PRODUCER	30-Jan-2024 08:27	1537.7 M	786.4 M
Output DLIS Files					
DEFAULT	DSI_NGS_025PUP	FN:22	PRODUCER	30-Jan-2024 08:53	

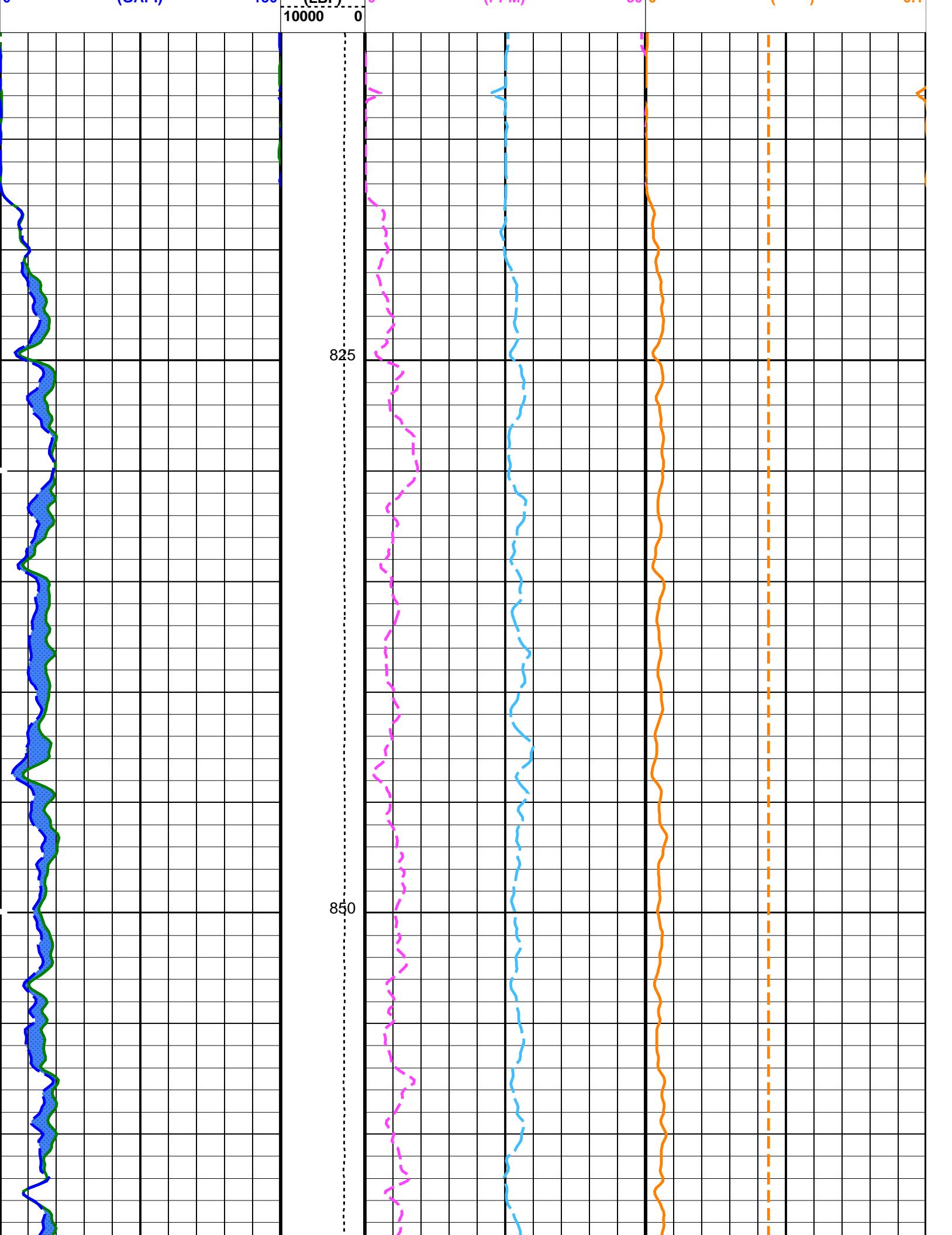


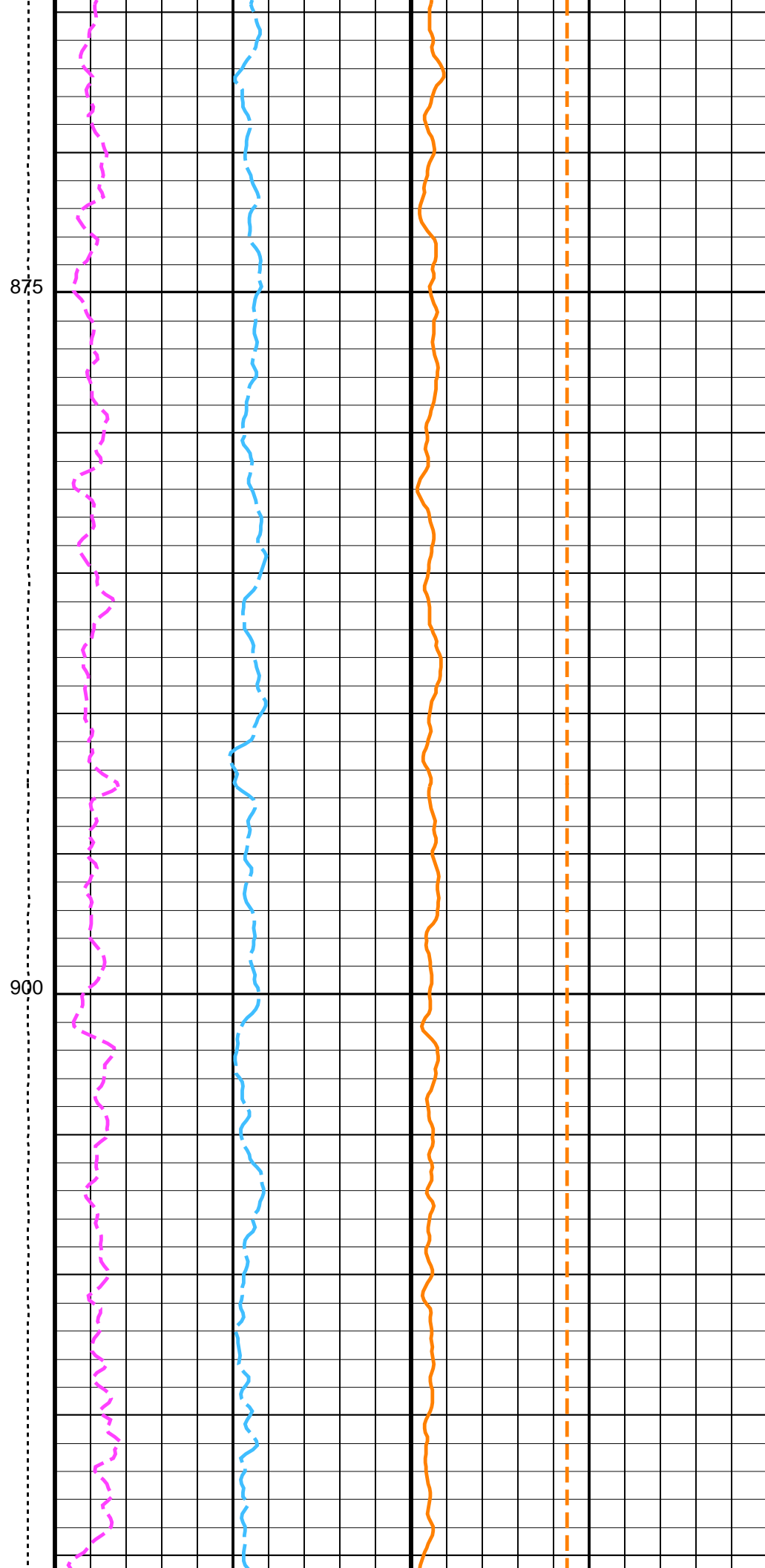
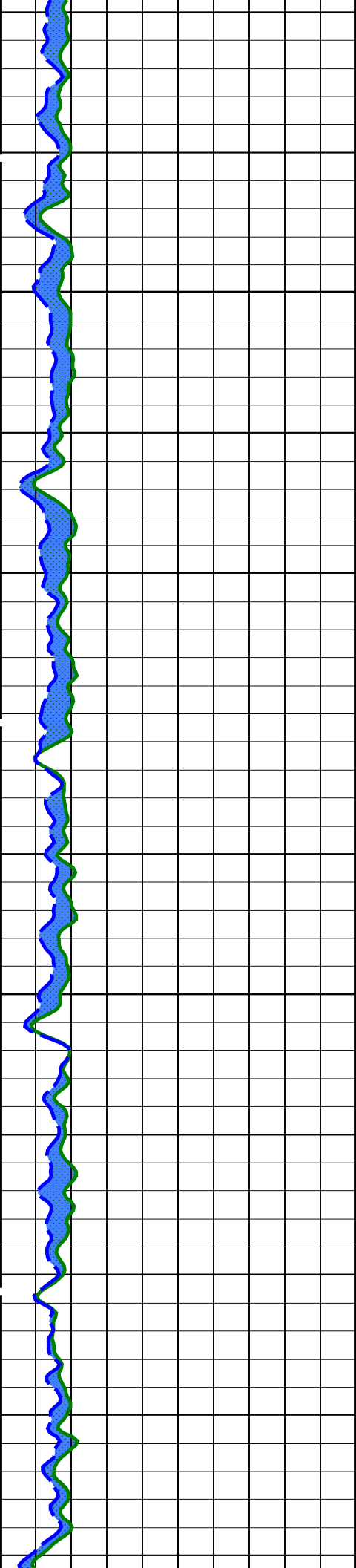
Main Pass

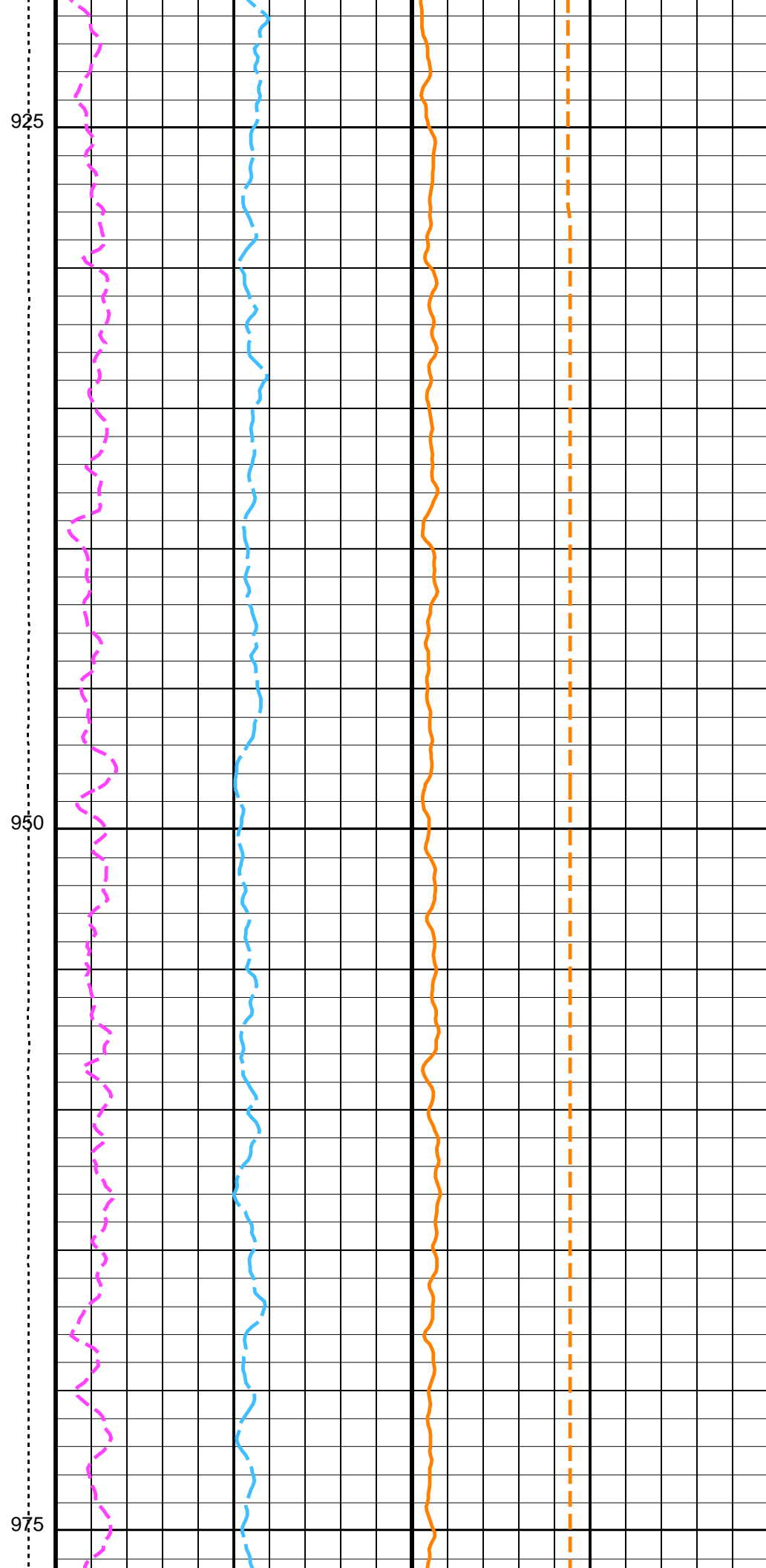
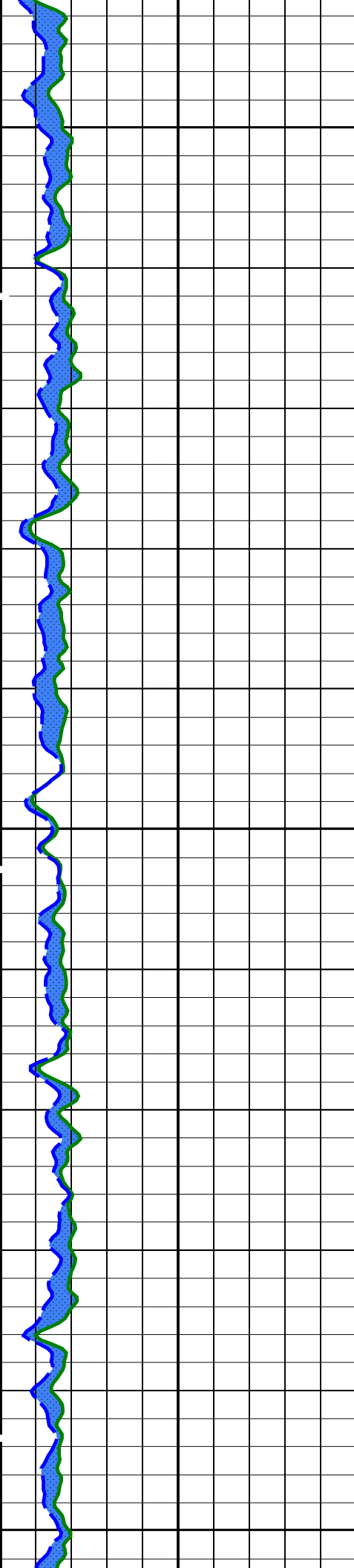
MAXIS Field Log

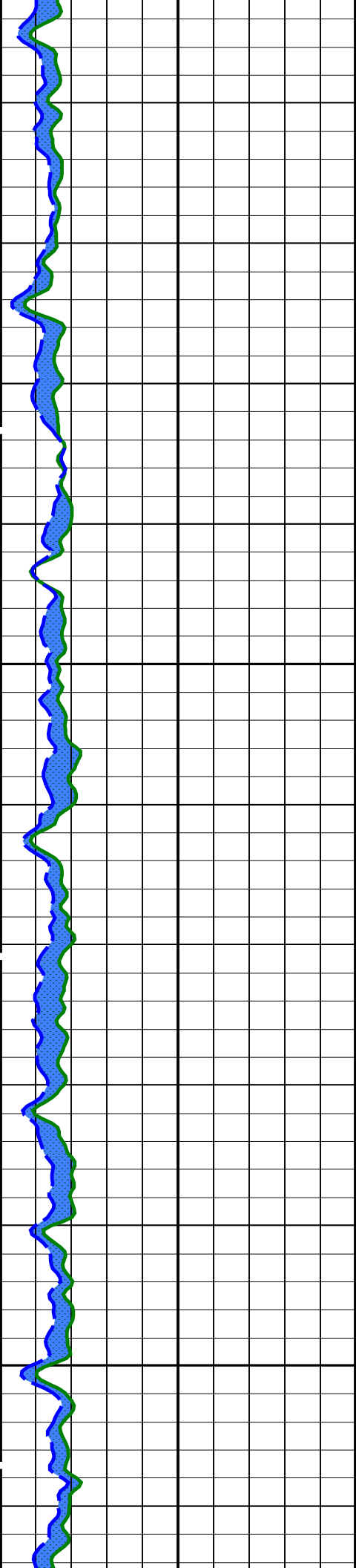
Output DLIS Files					
DEFAULT	DSI_NGS_023LUP	FN:21	PRODUCER	30-Jan-2024 07:52	1565.9 M 810.8 M
OP System Version: 19C0-187					
GPIT-A/B	19C0-187	DTA-A	19C0-187		
DSST-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		





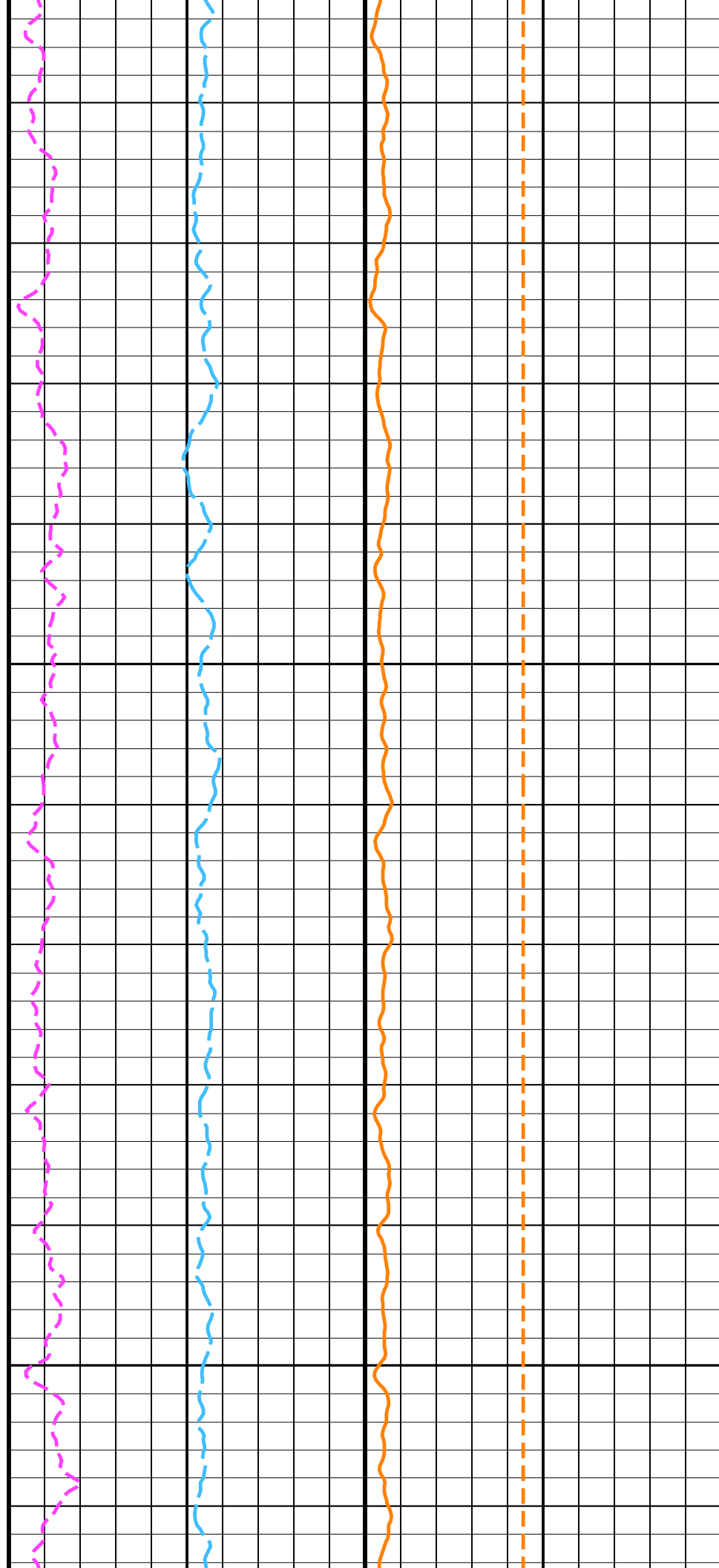


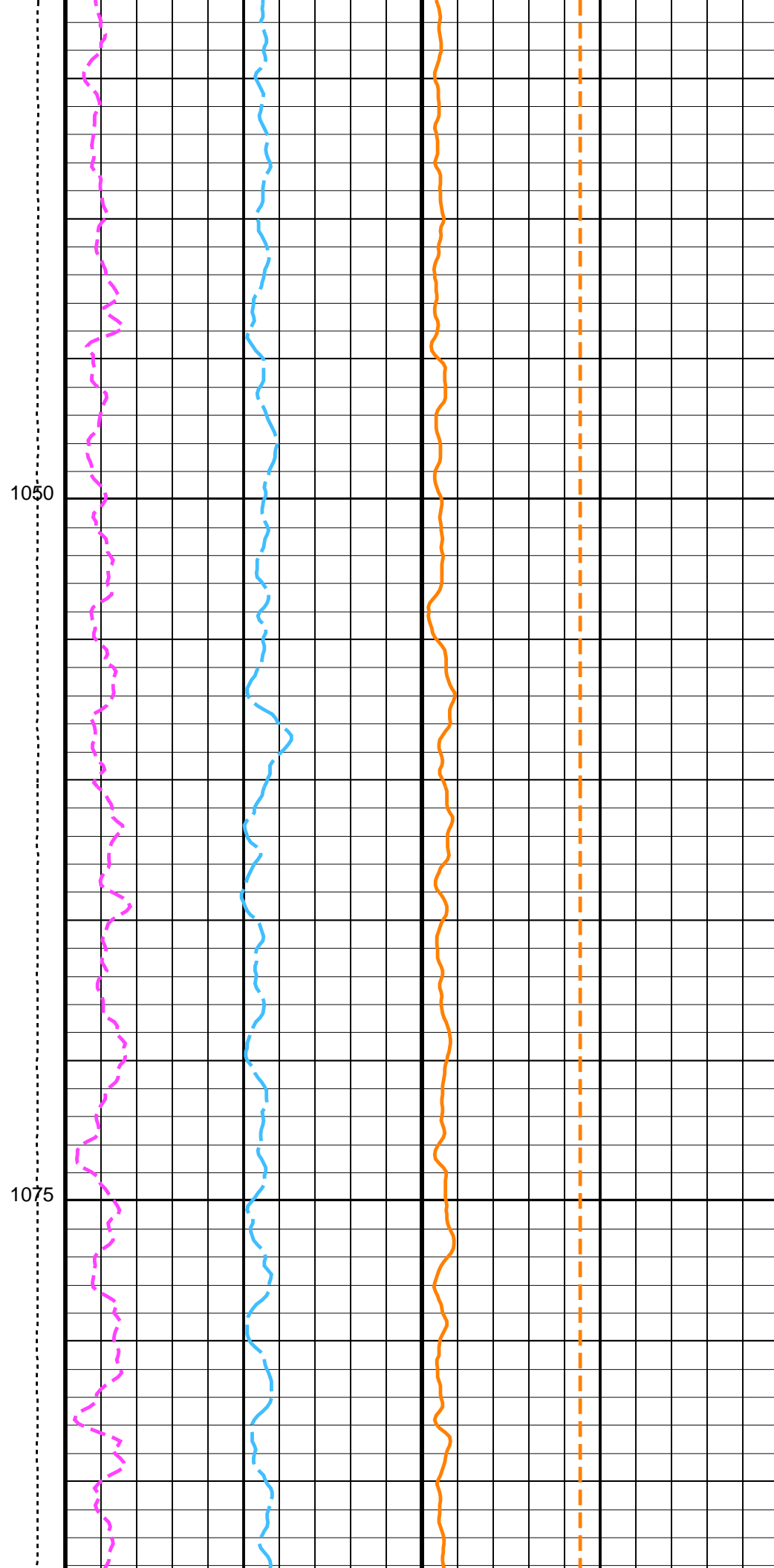
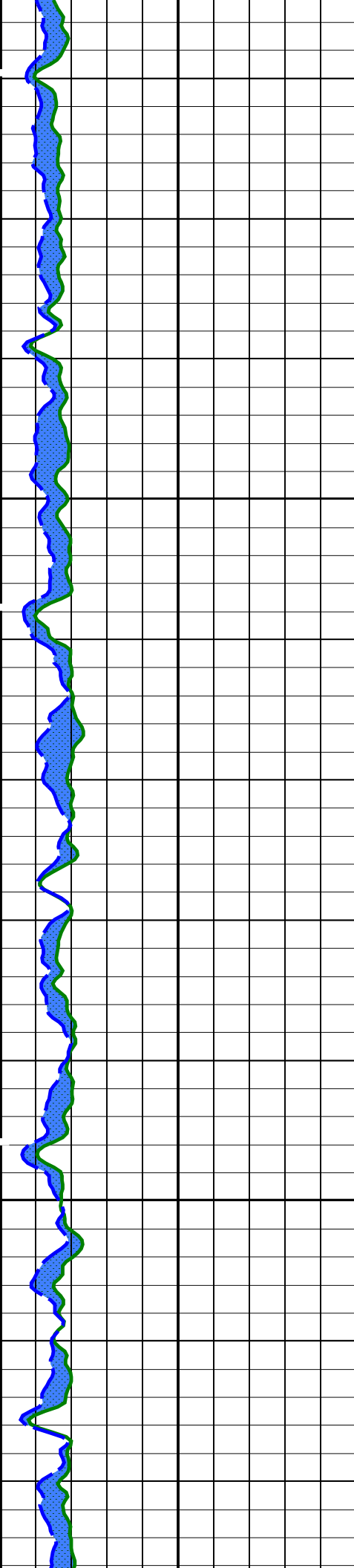


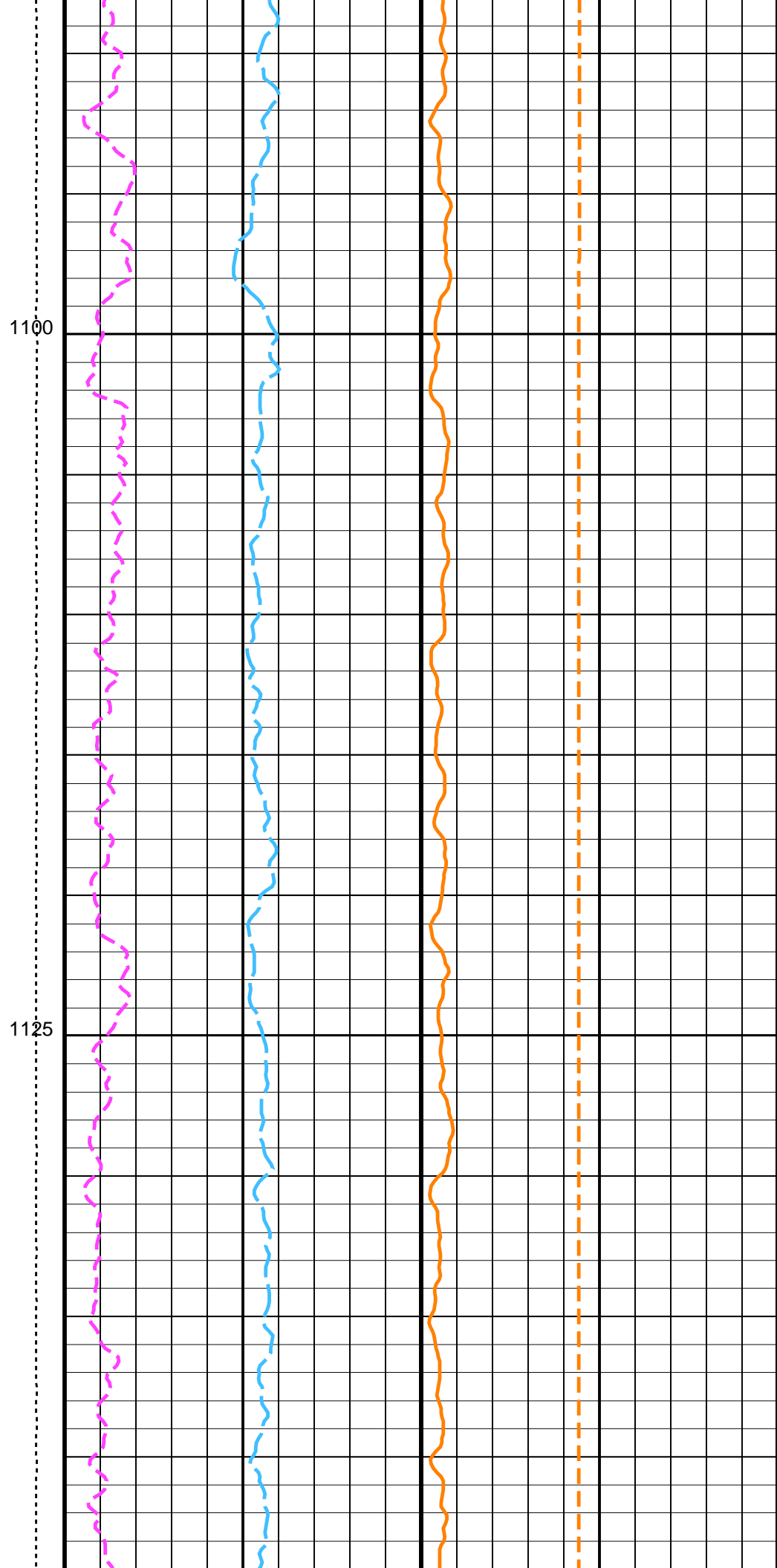
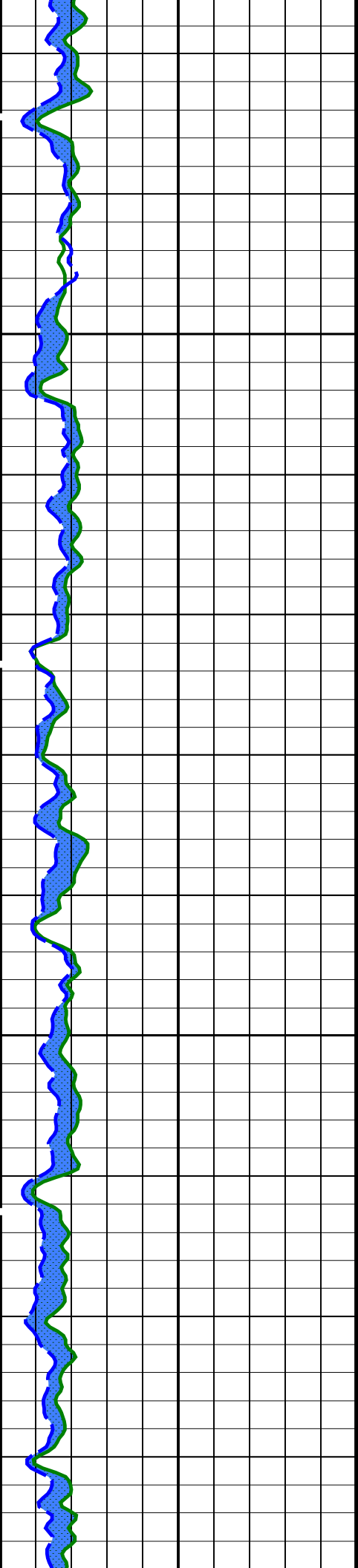


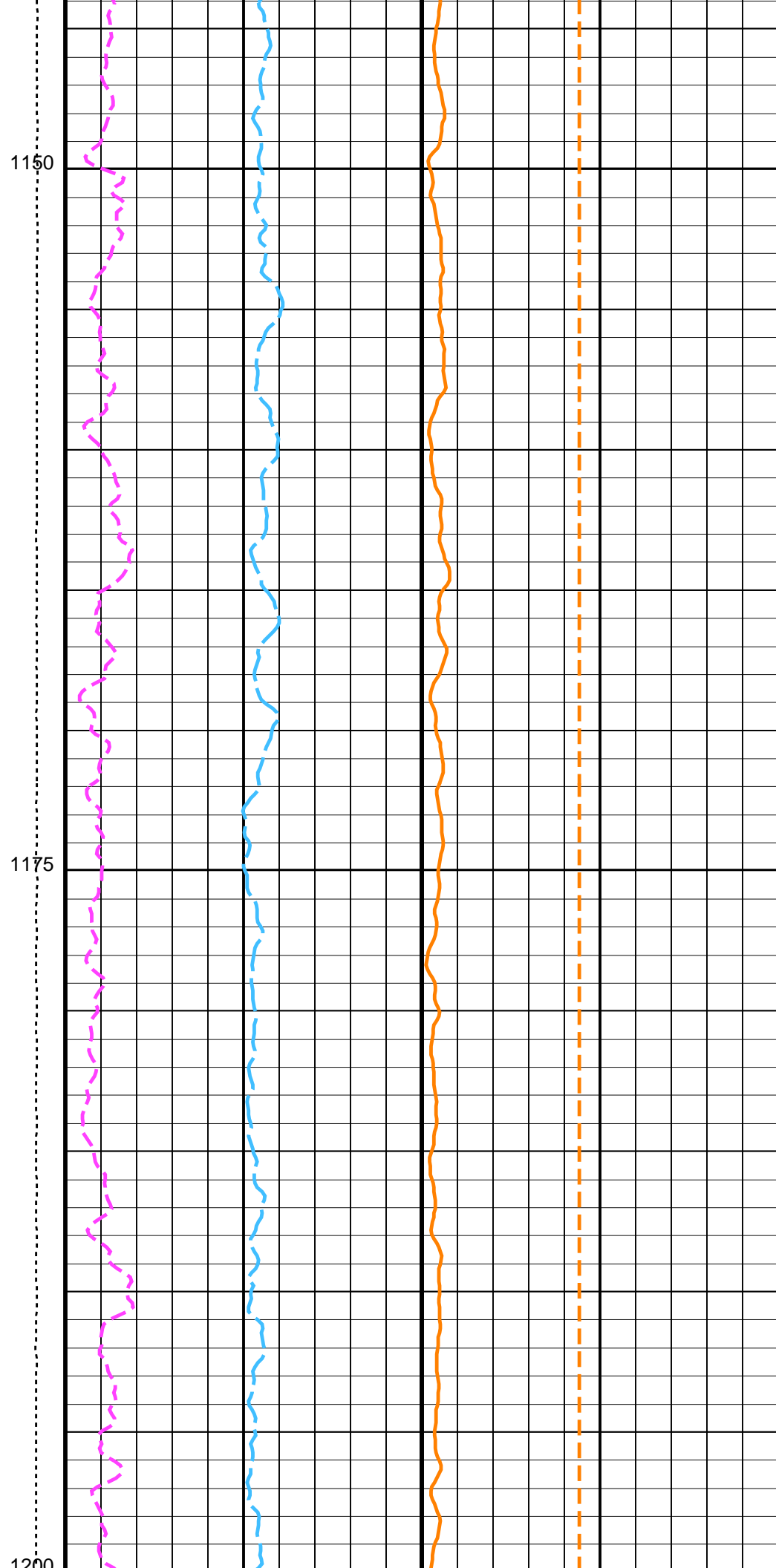
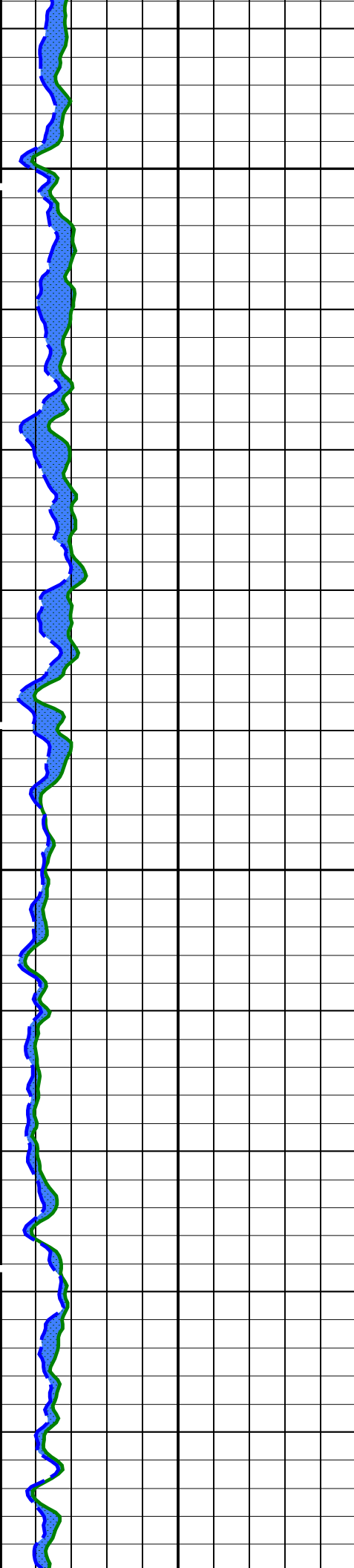
1000

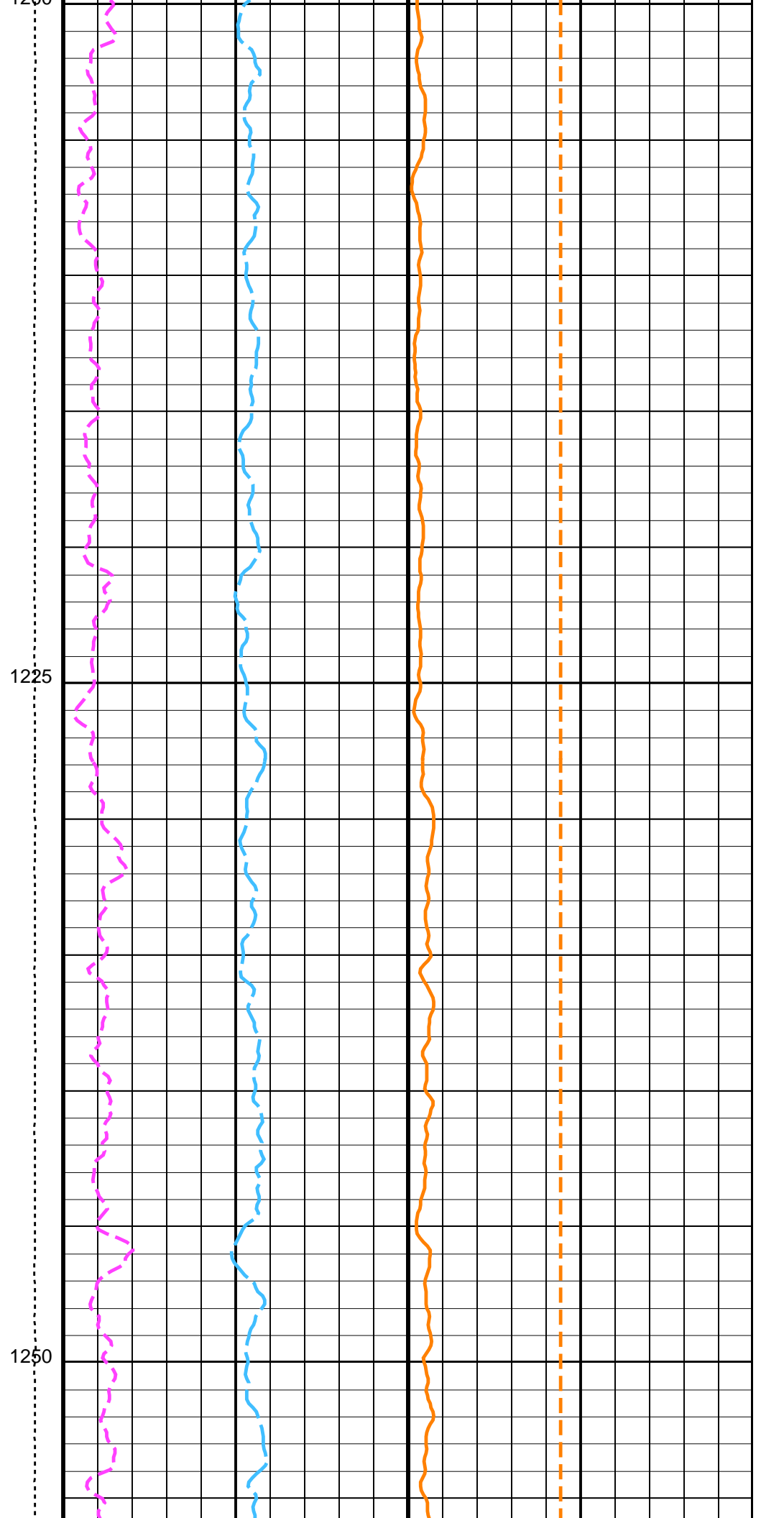
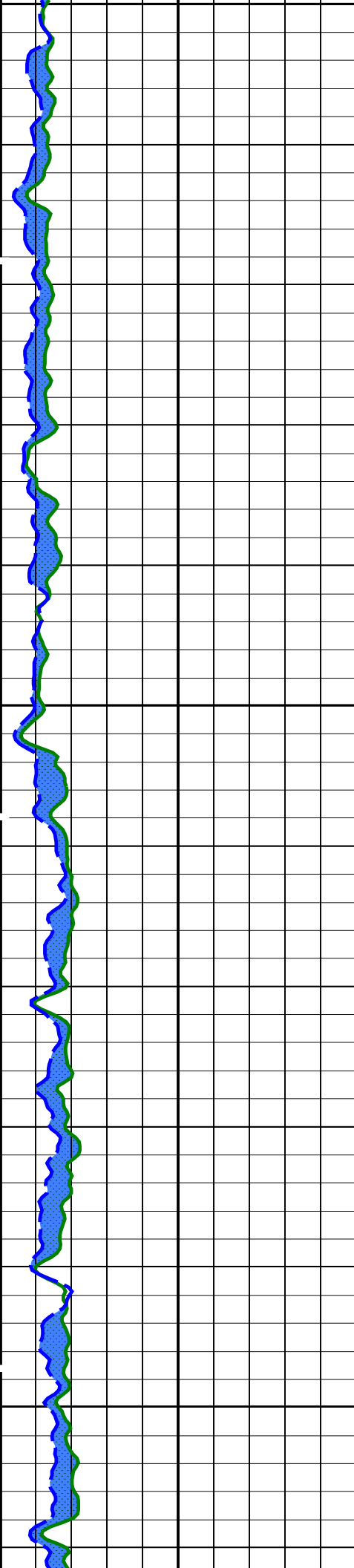
1025

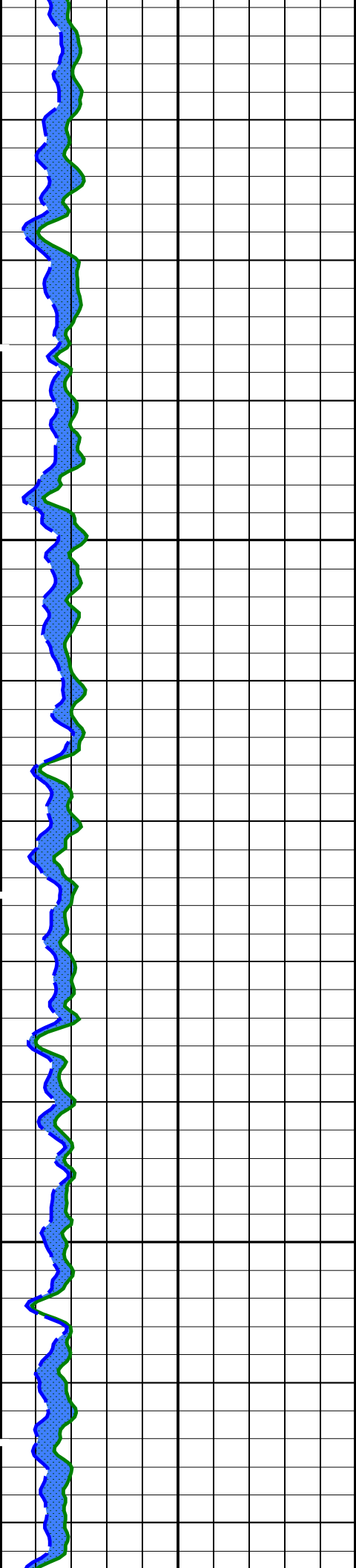






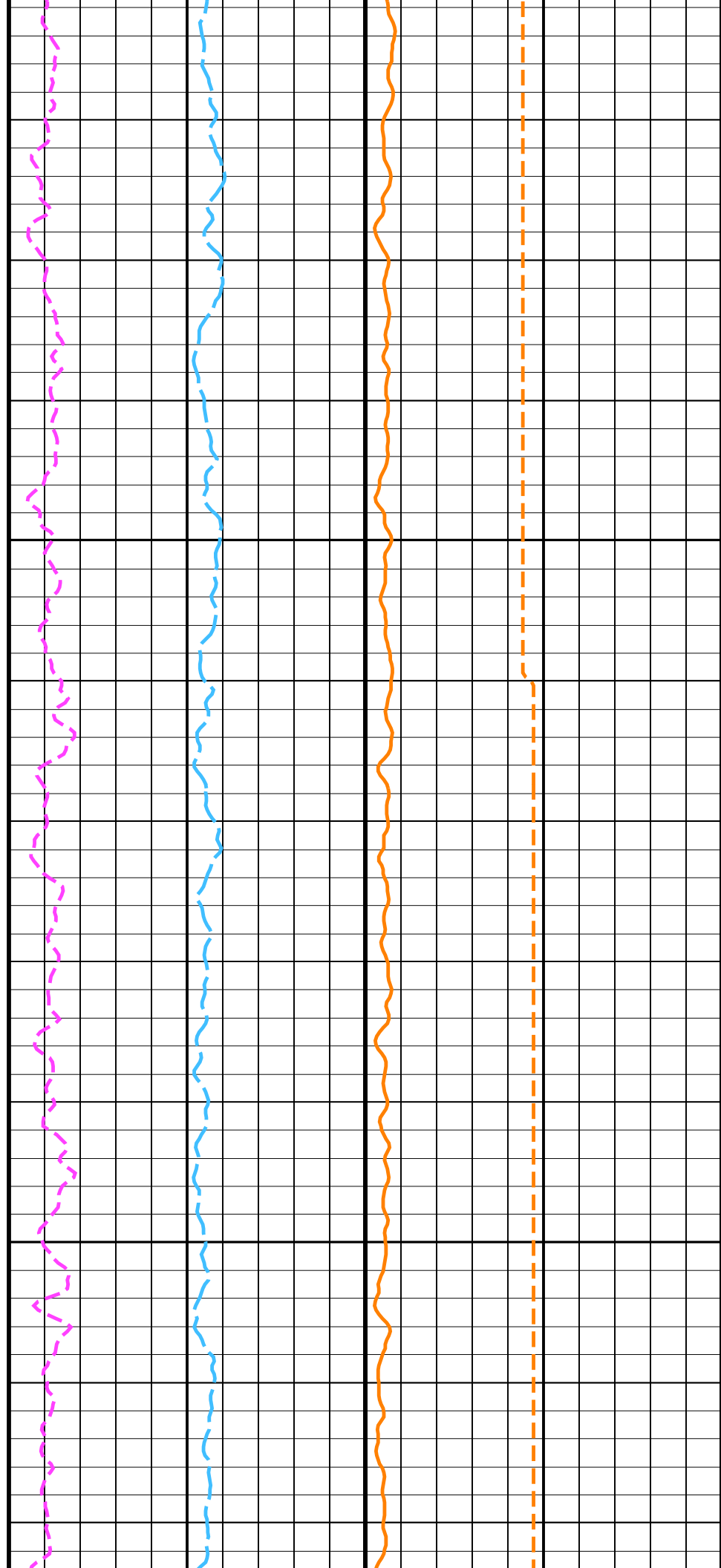


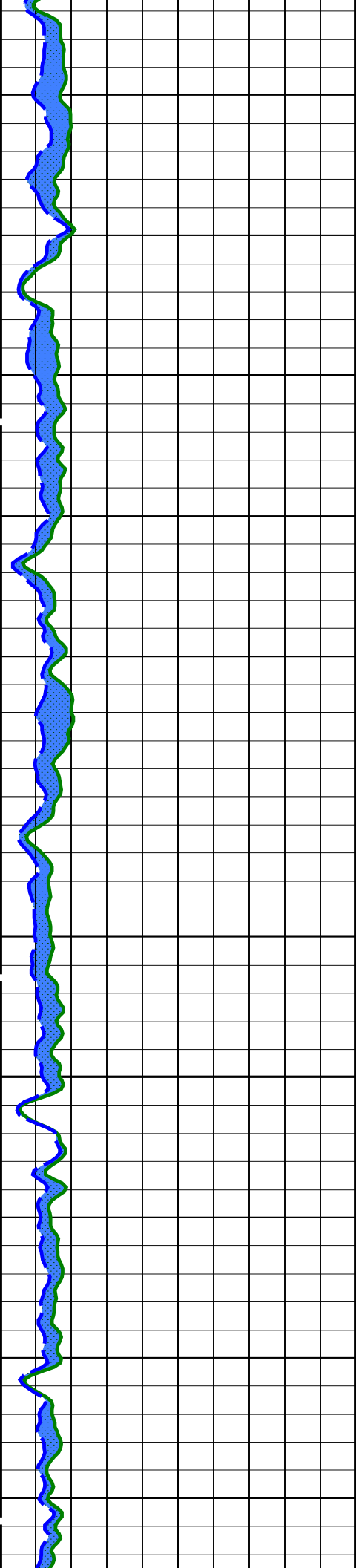




1275

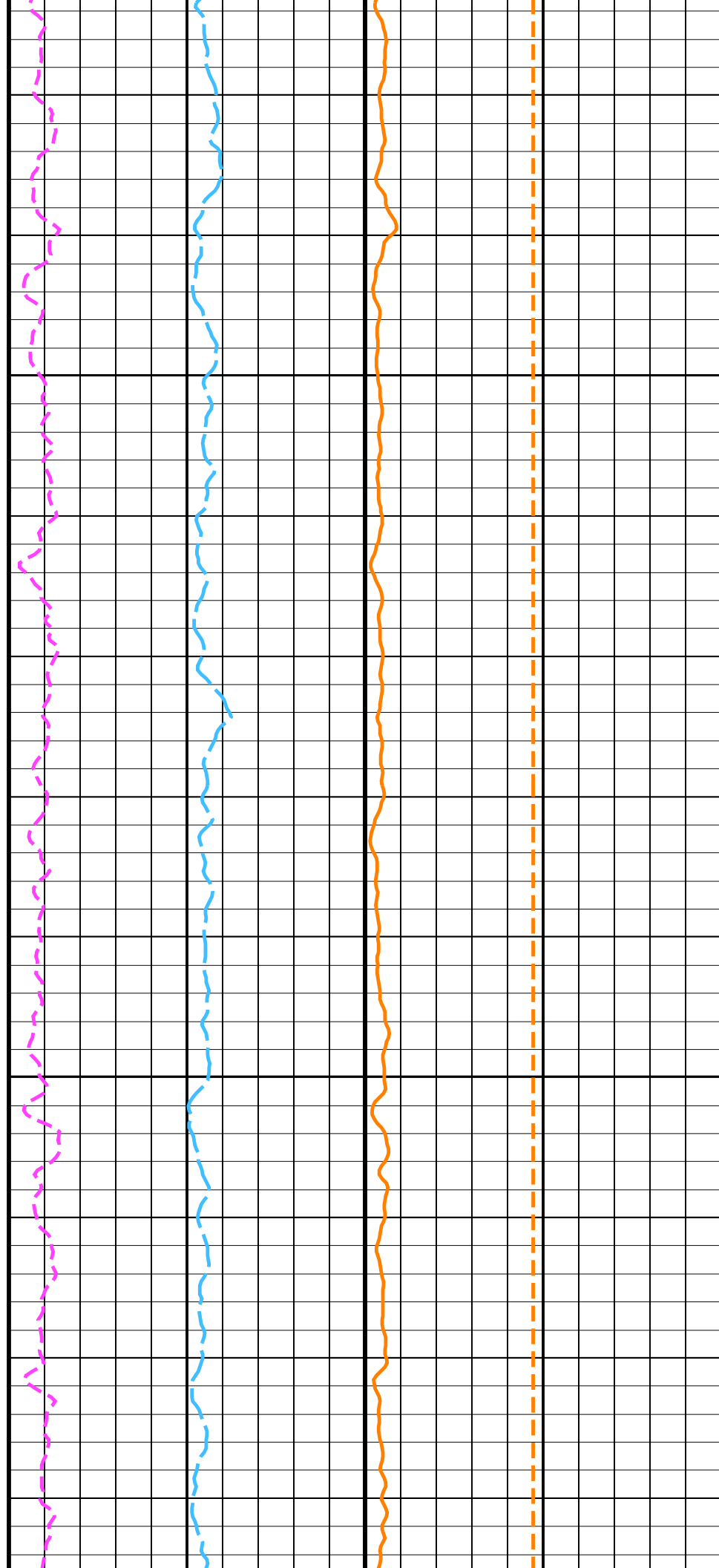
1300

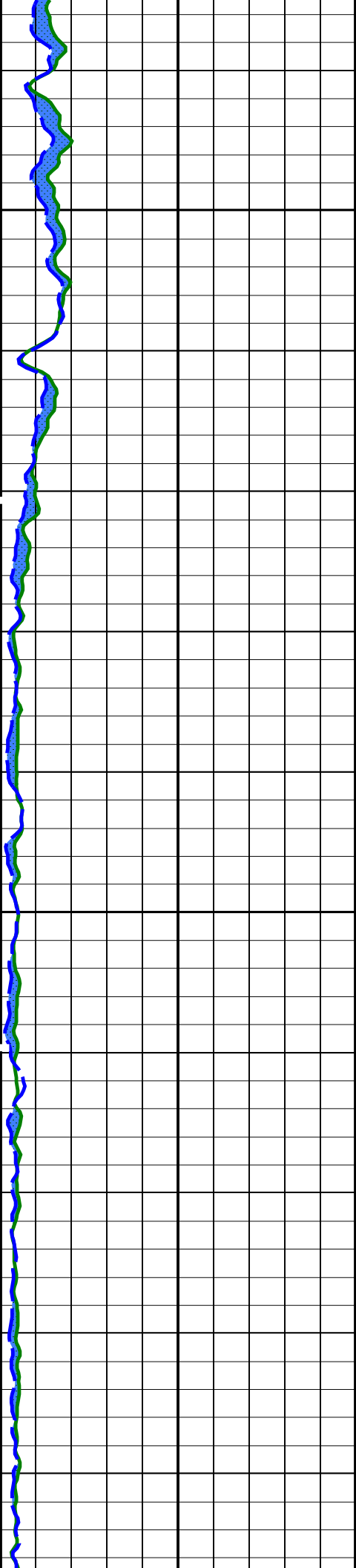




1325

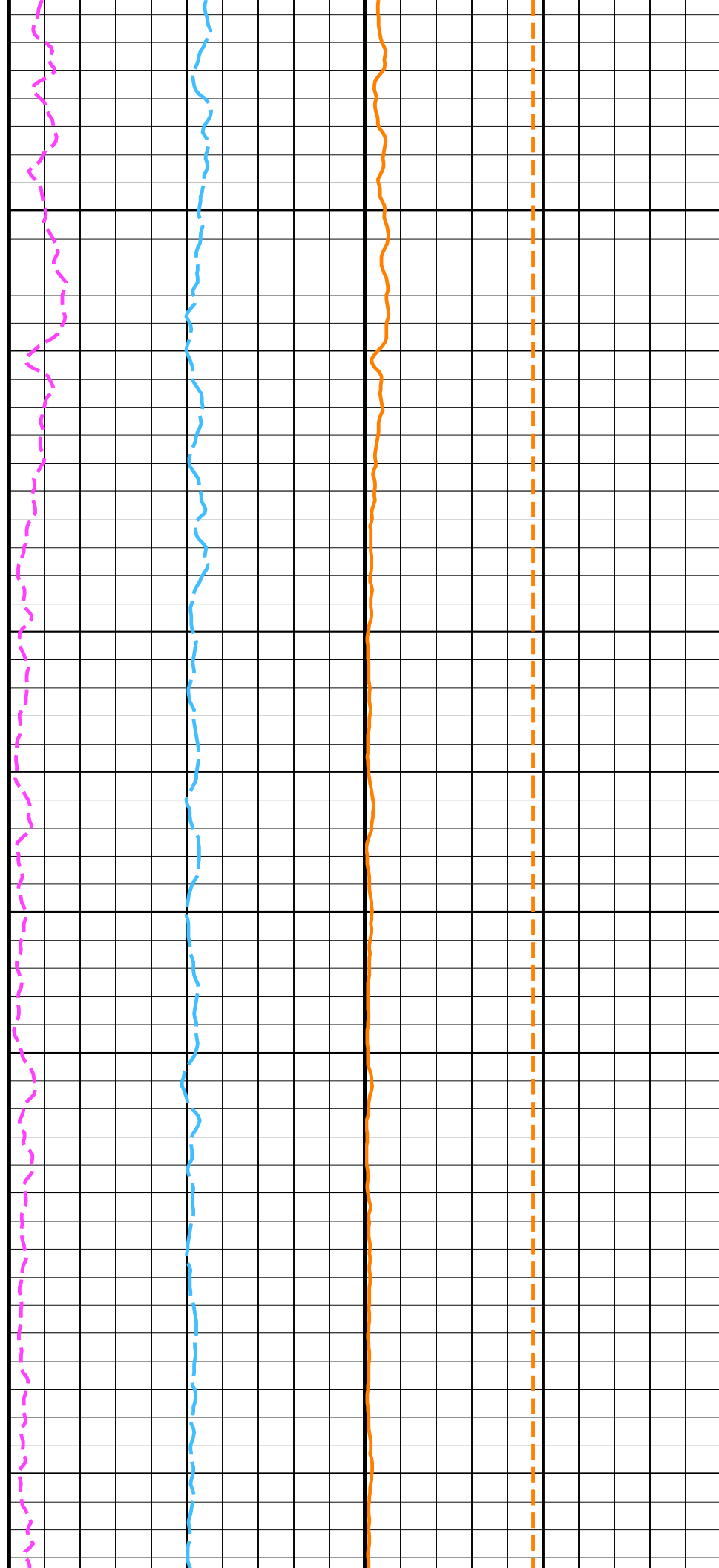
1350

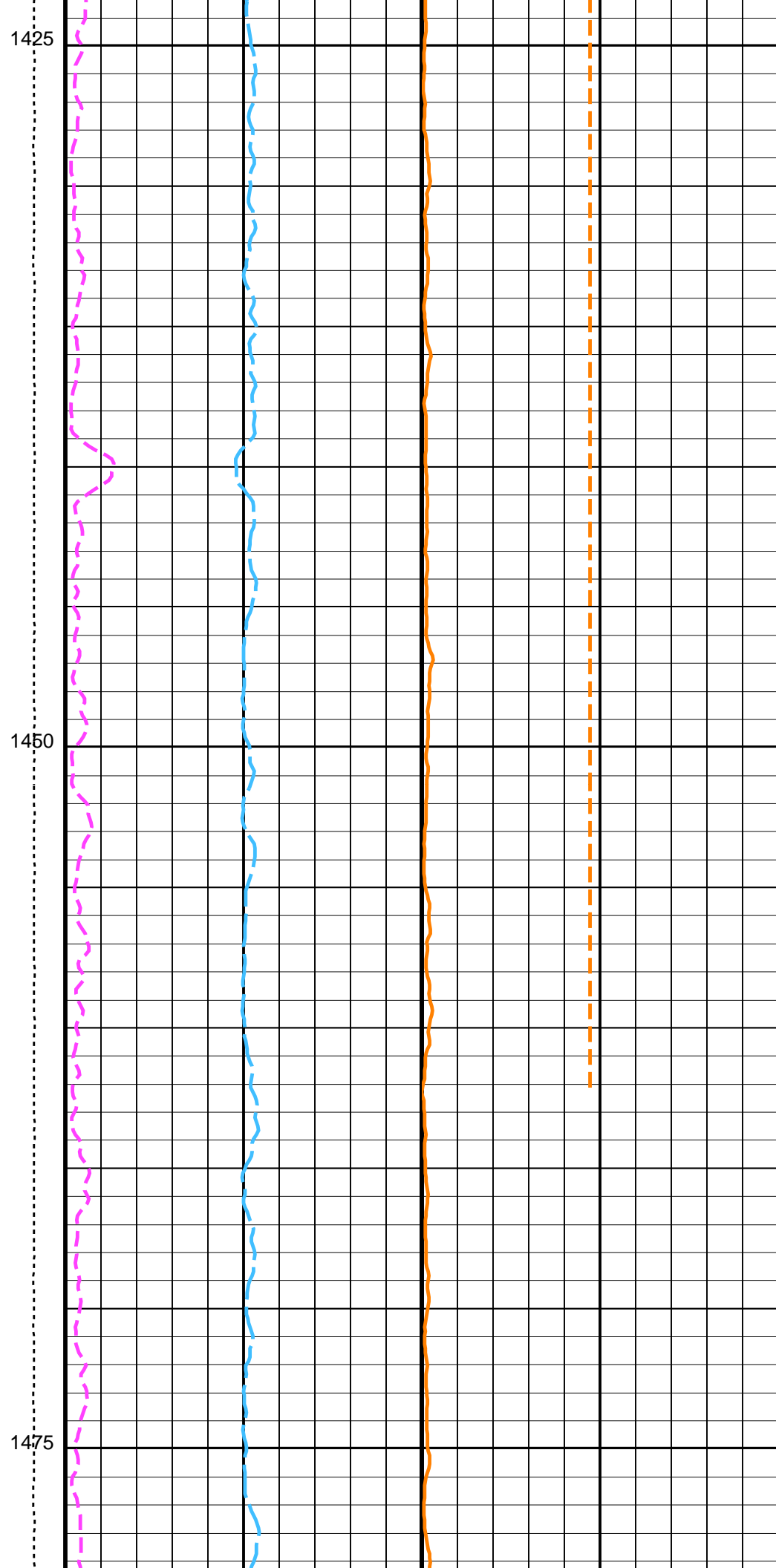
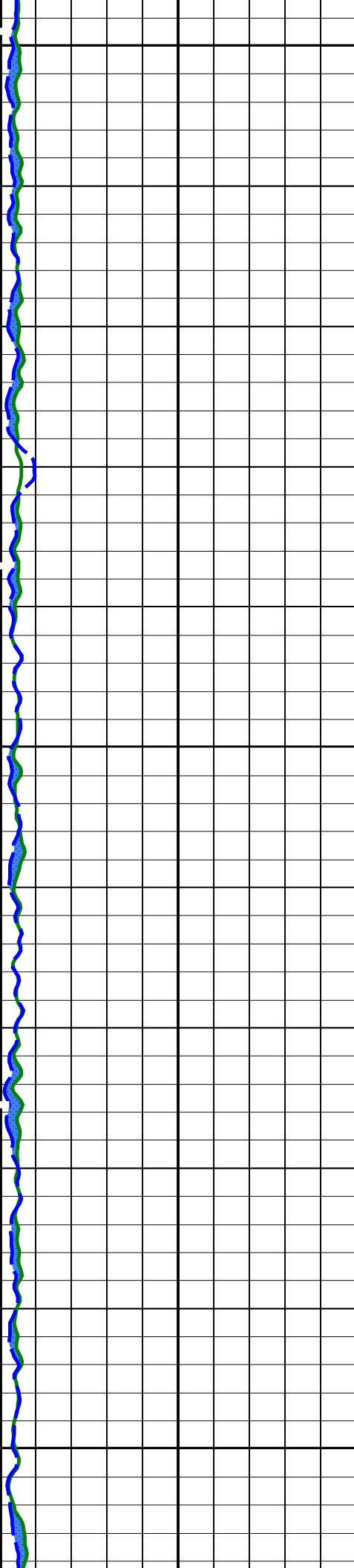


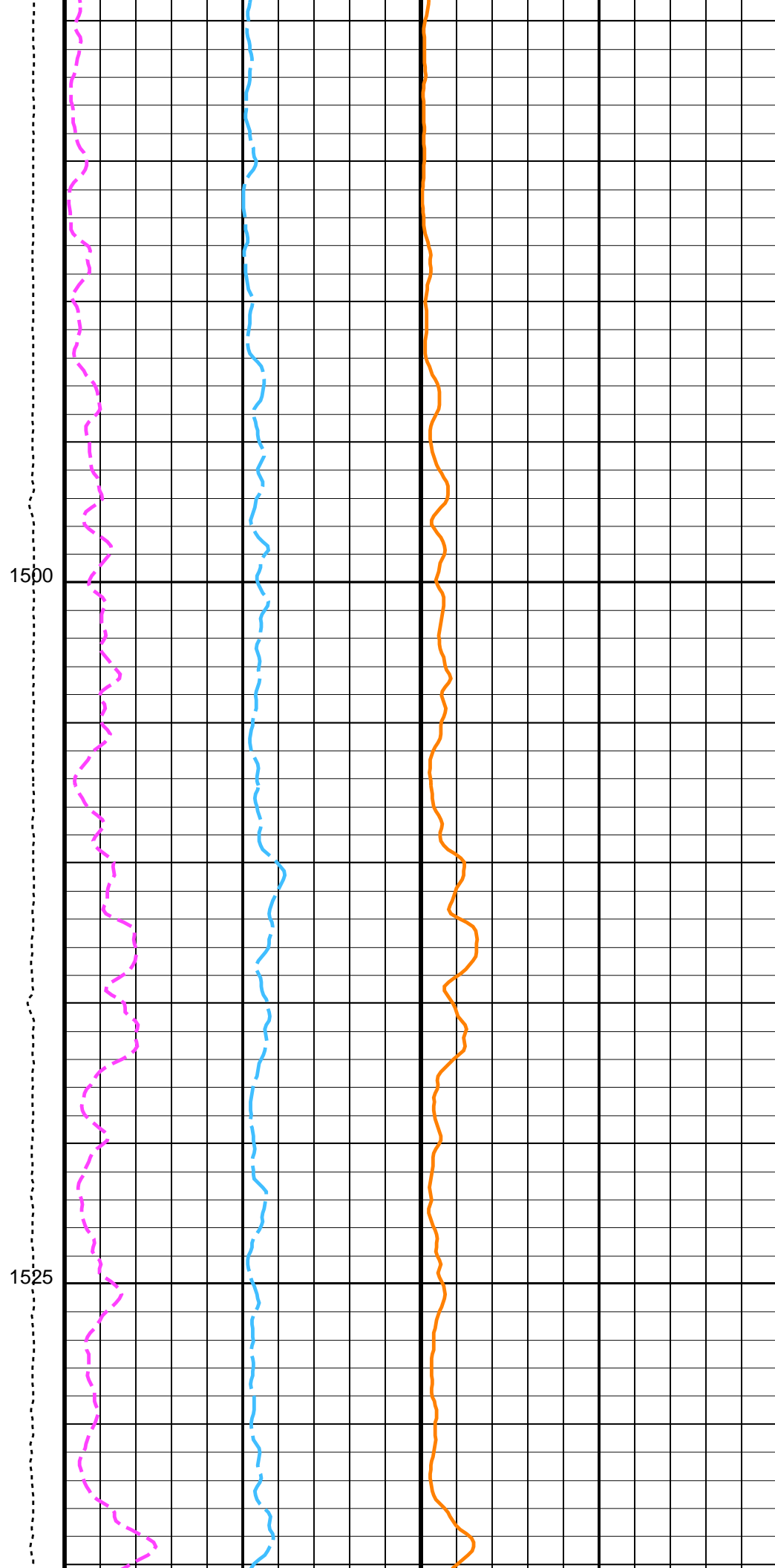
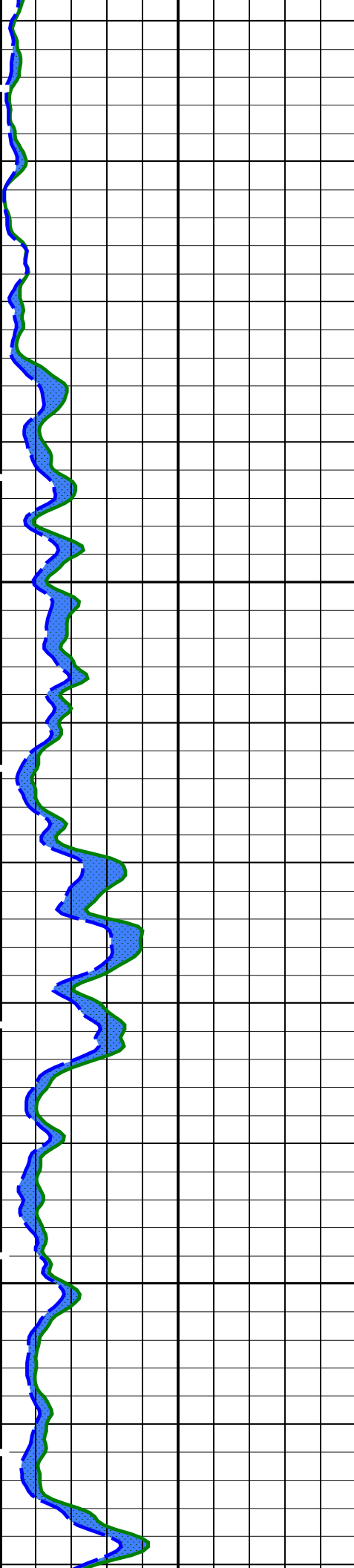


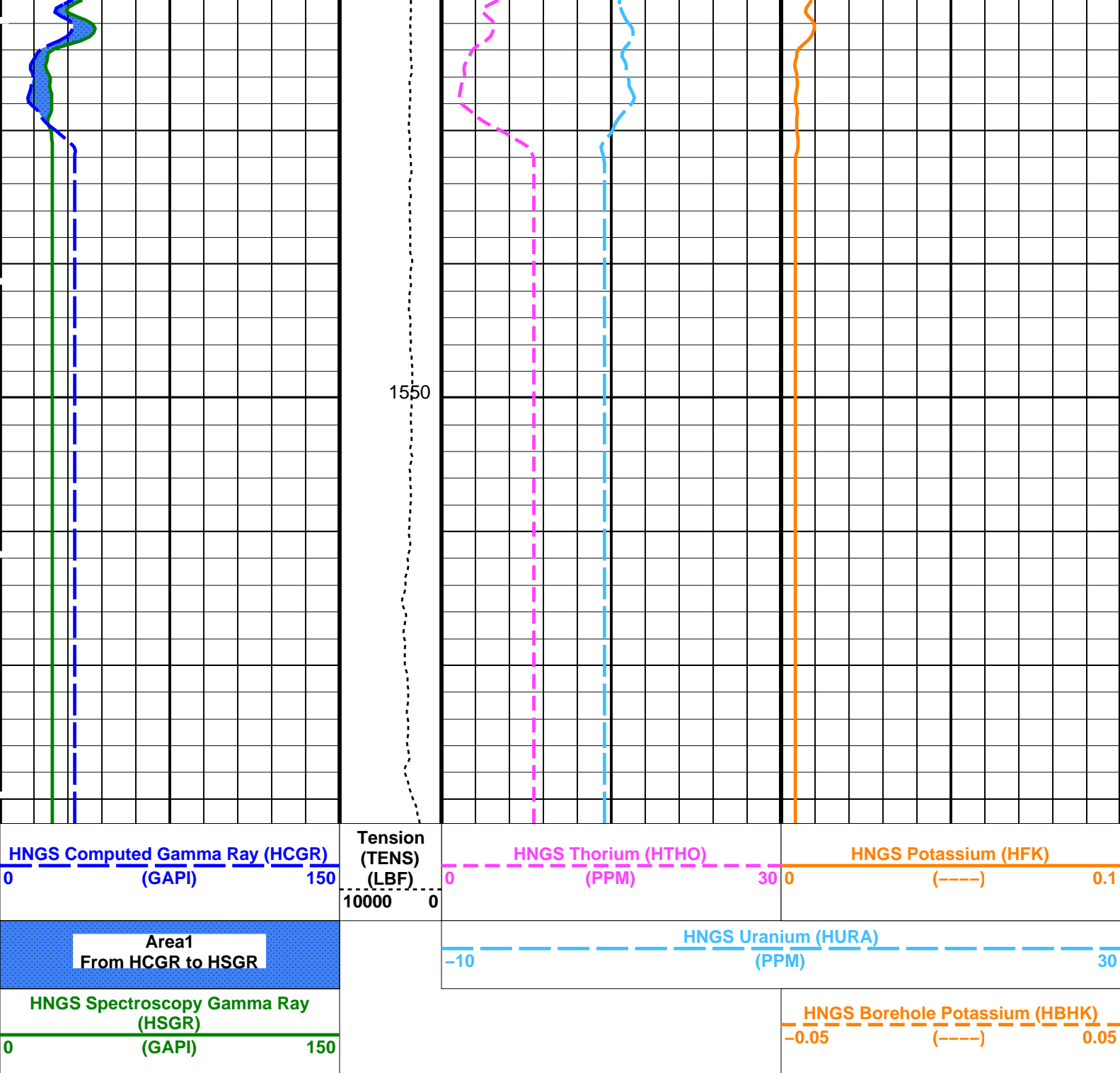
1375

1400









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	-0.00592622	
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	0.80862	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.965031	
	EDTC-B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	BS	
	System and Miscellaneous		
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	9.00	LB/G

Format: HNGSYields

Vertical Scale: 1:200

Graphics File Created: 30-Jan-2024 07:52

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

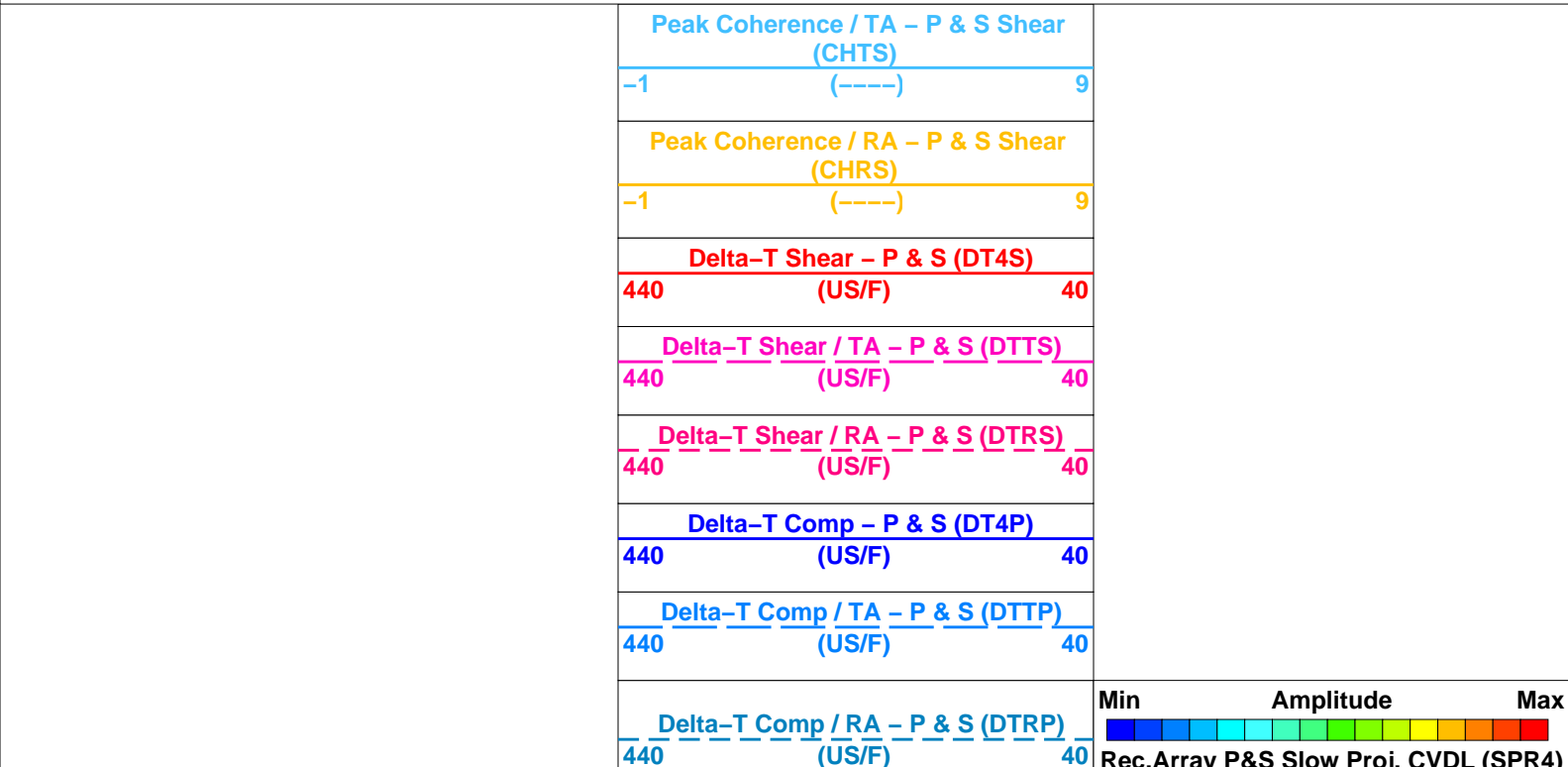
Output DLIS Files			
DEFAULT	DSI_NGS_023LUP	FN:21	PRODUCER 30-Jan-2024 07:52

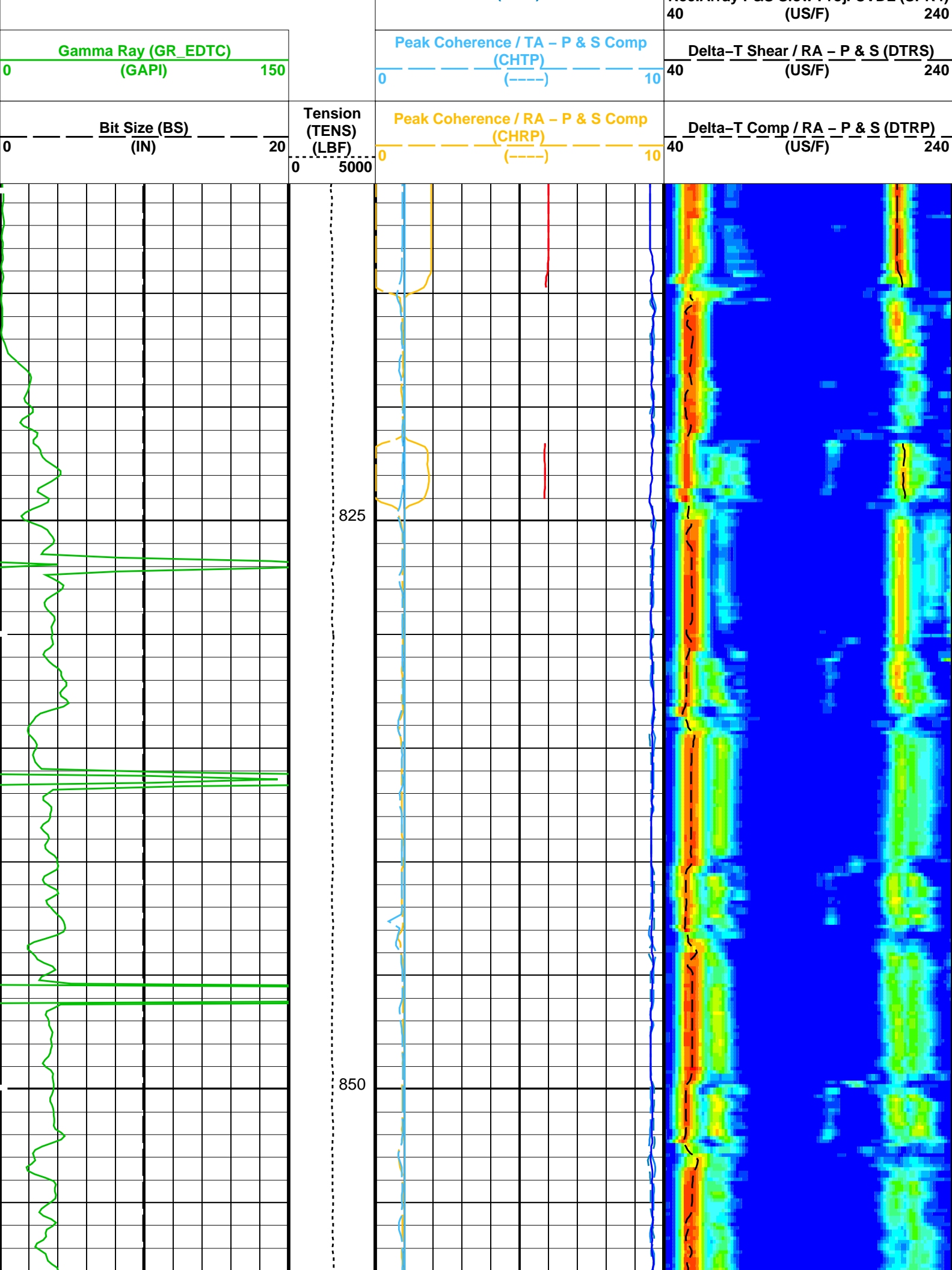
Company: International Ocean Discovery Program

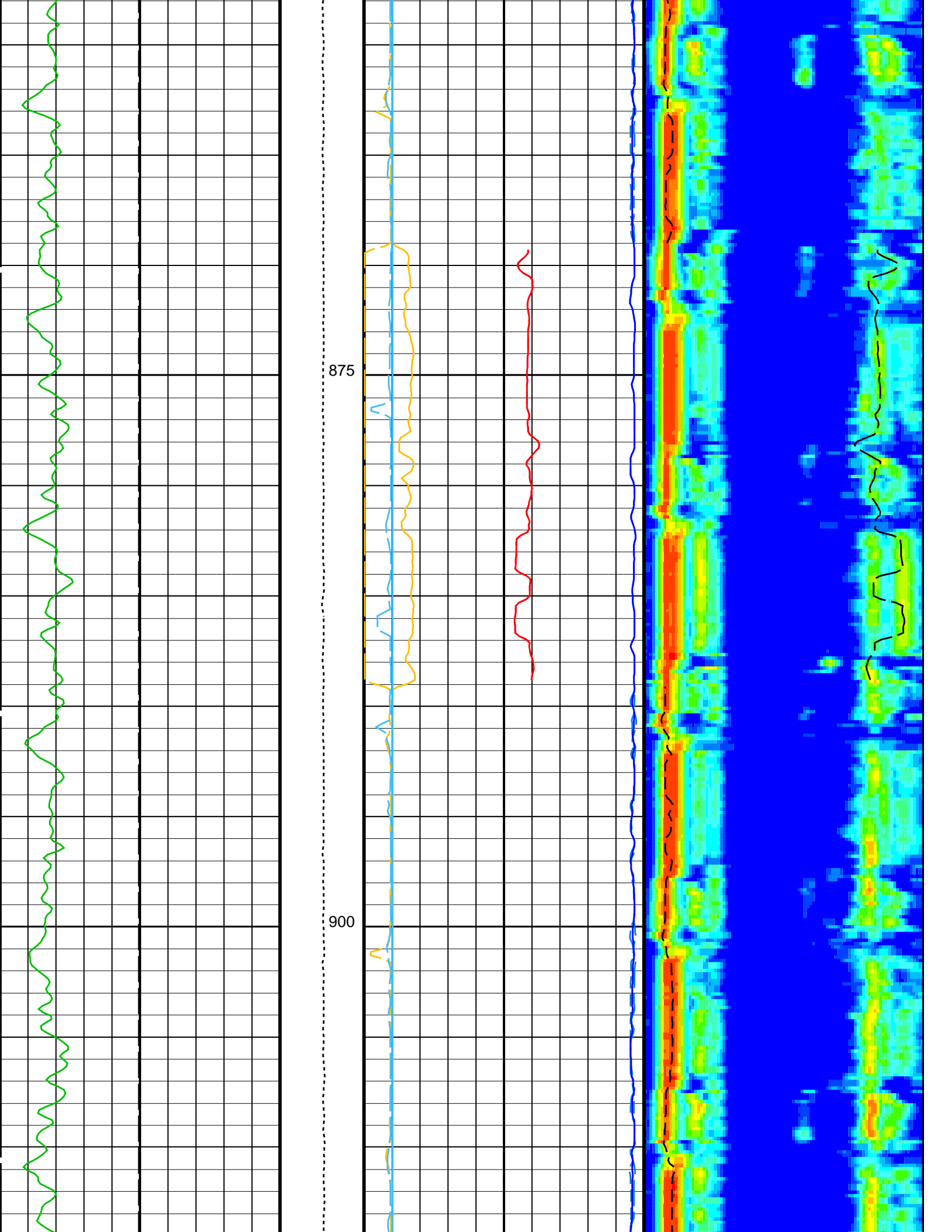
Well: Expedition 401, Site U1611A

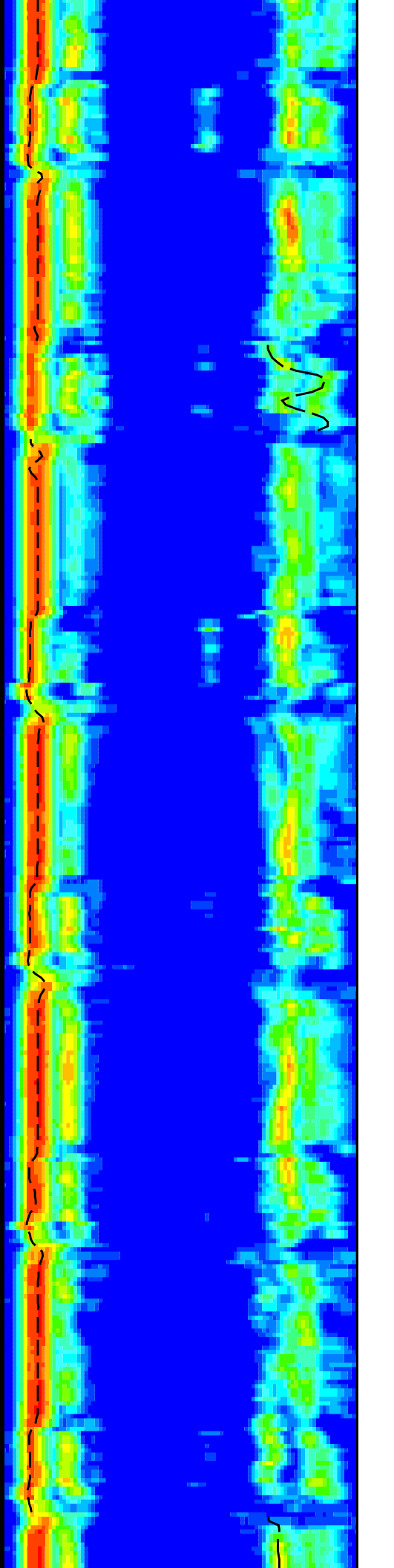
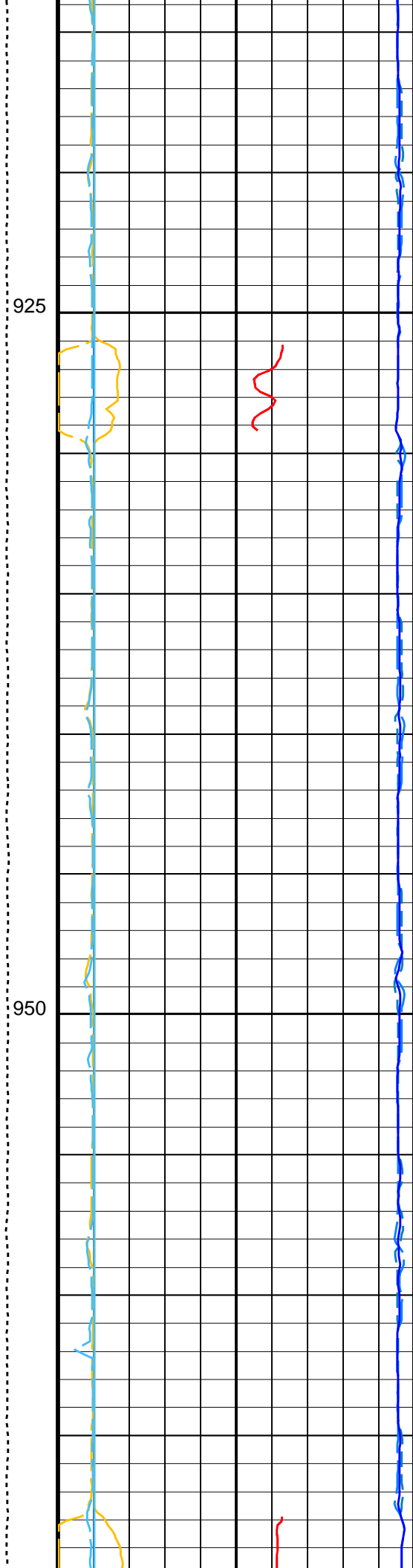
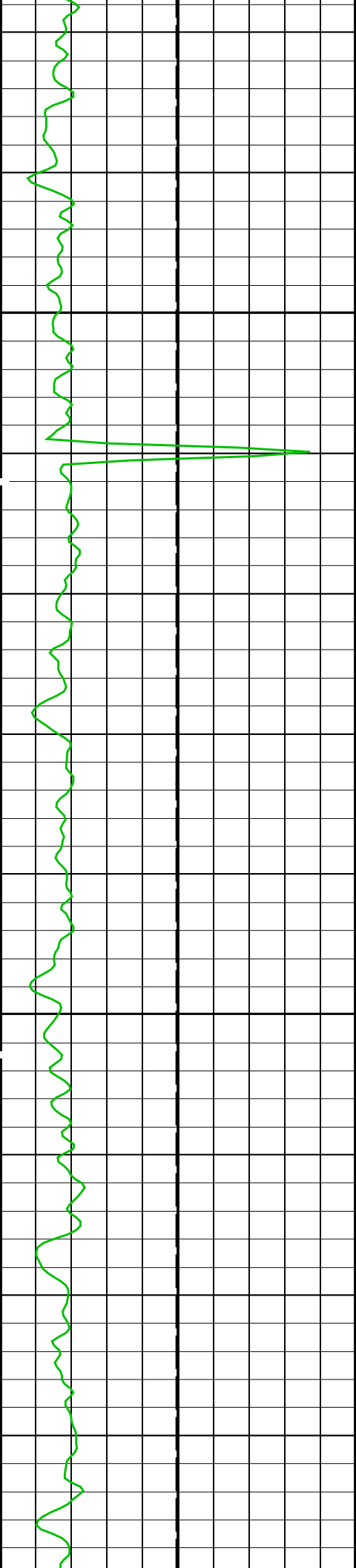
Output DLIS Files			
DEFAULT	DSI_NGS_023LUP	FN:21	PRODUCER 30-Jan-2024 07:52 1565.9 M 810.8 M
OP System Version: 19C0-187			
GPIT-A/B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

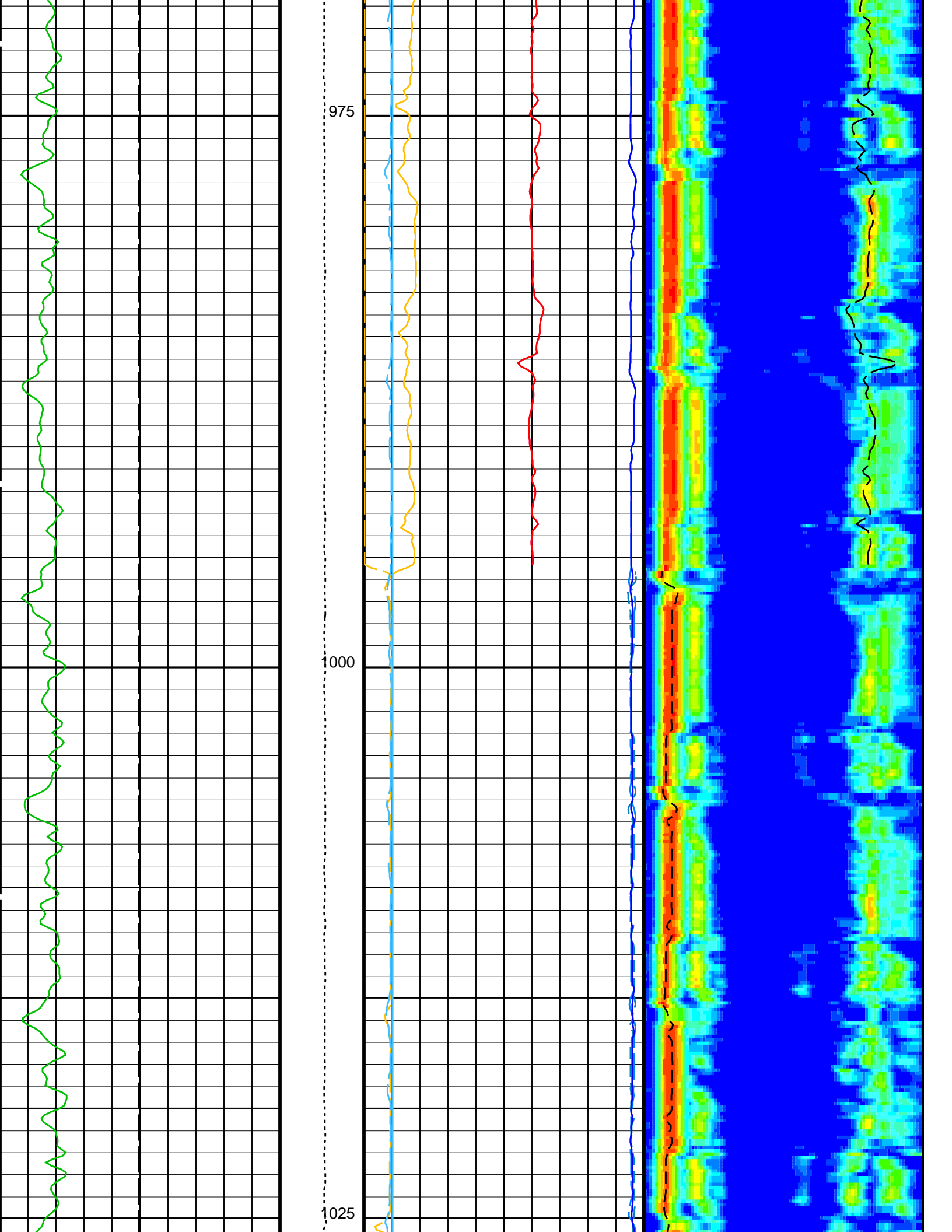
PIP SUMMARY	
<input checked="" type="checkbox"/> Time Mark Every 60 S	

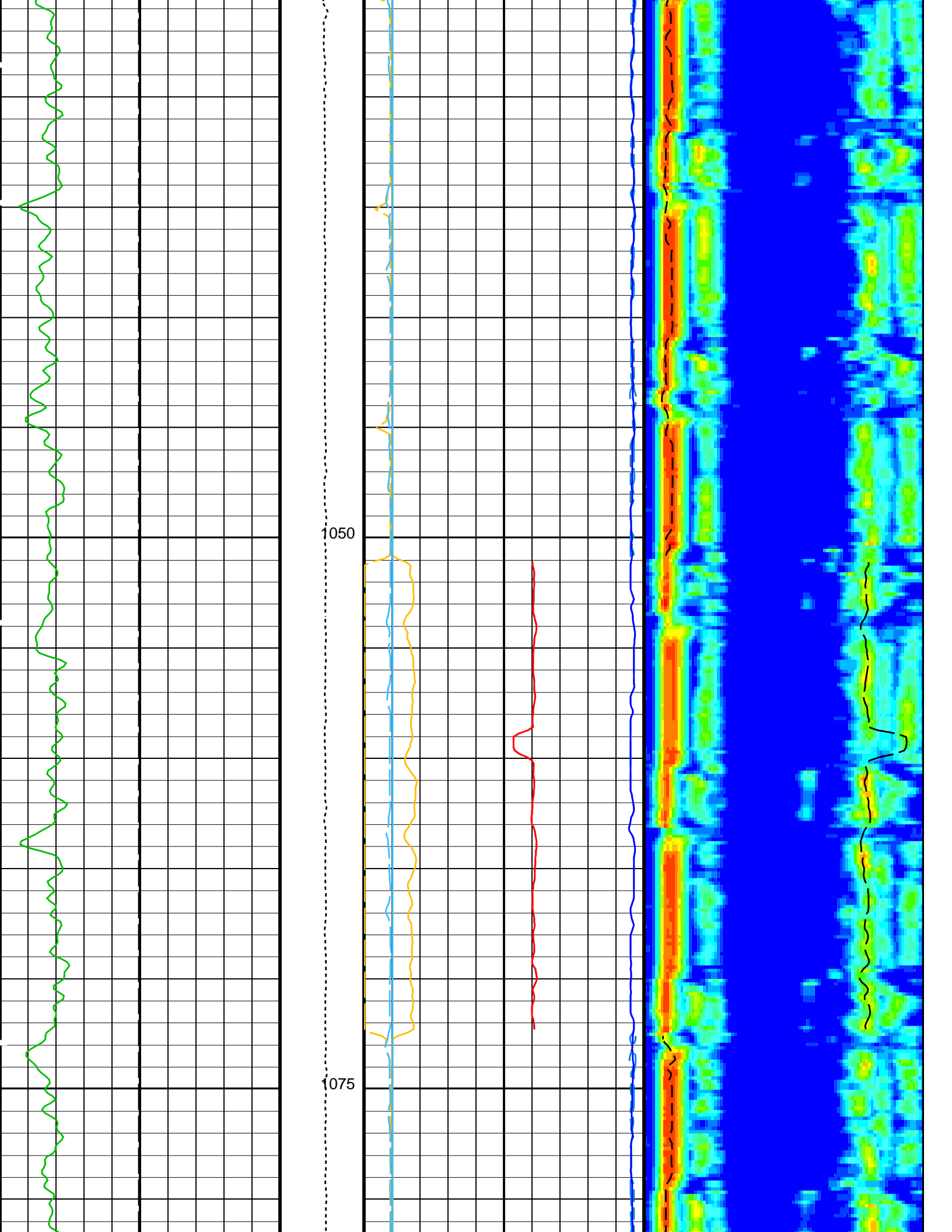


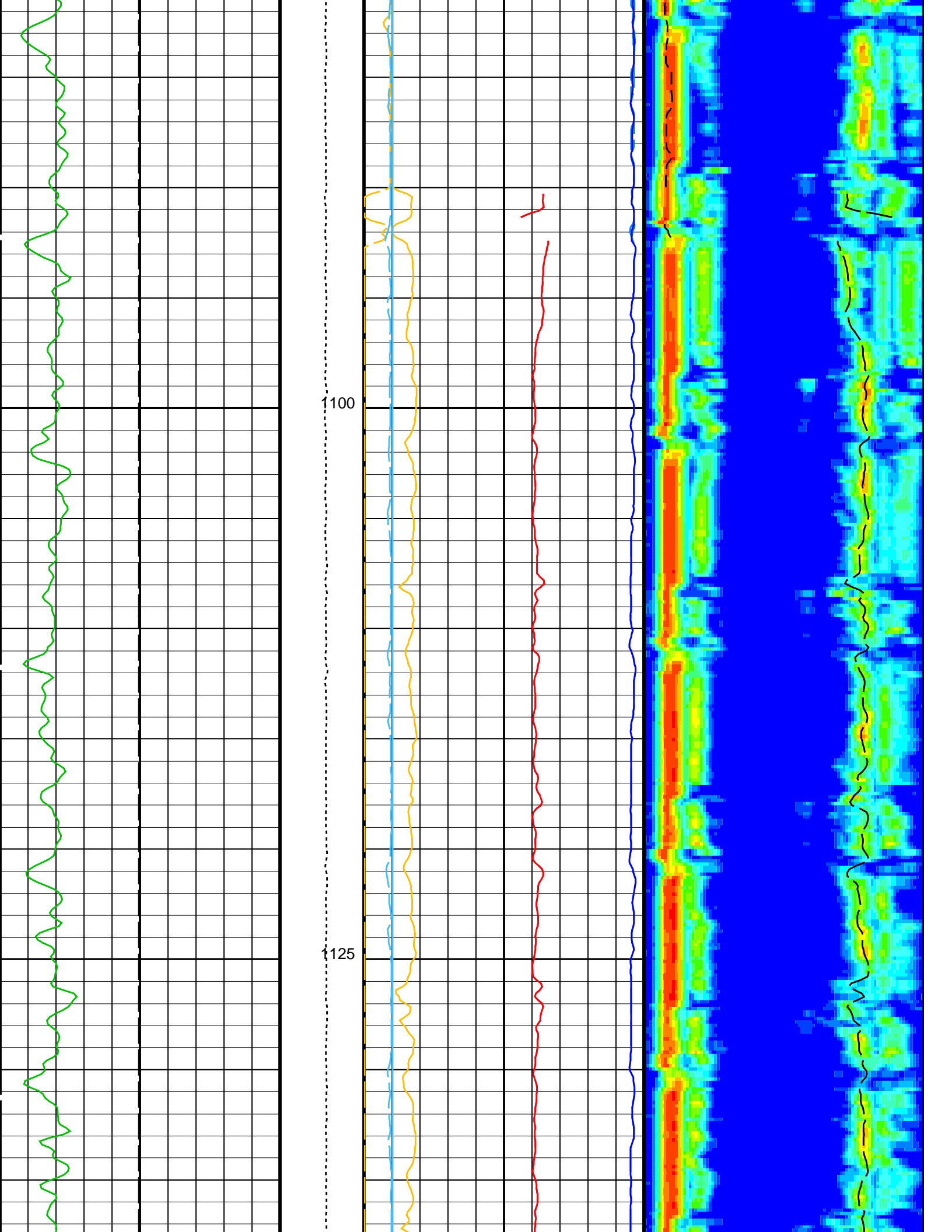


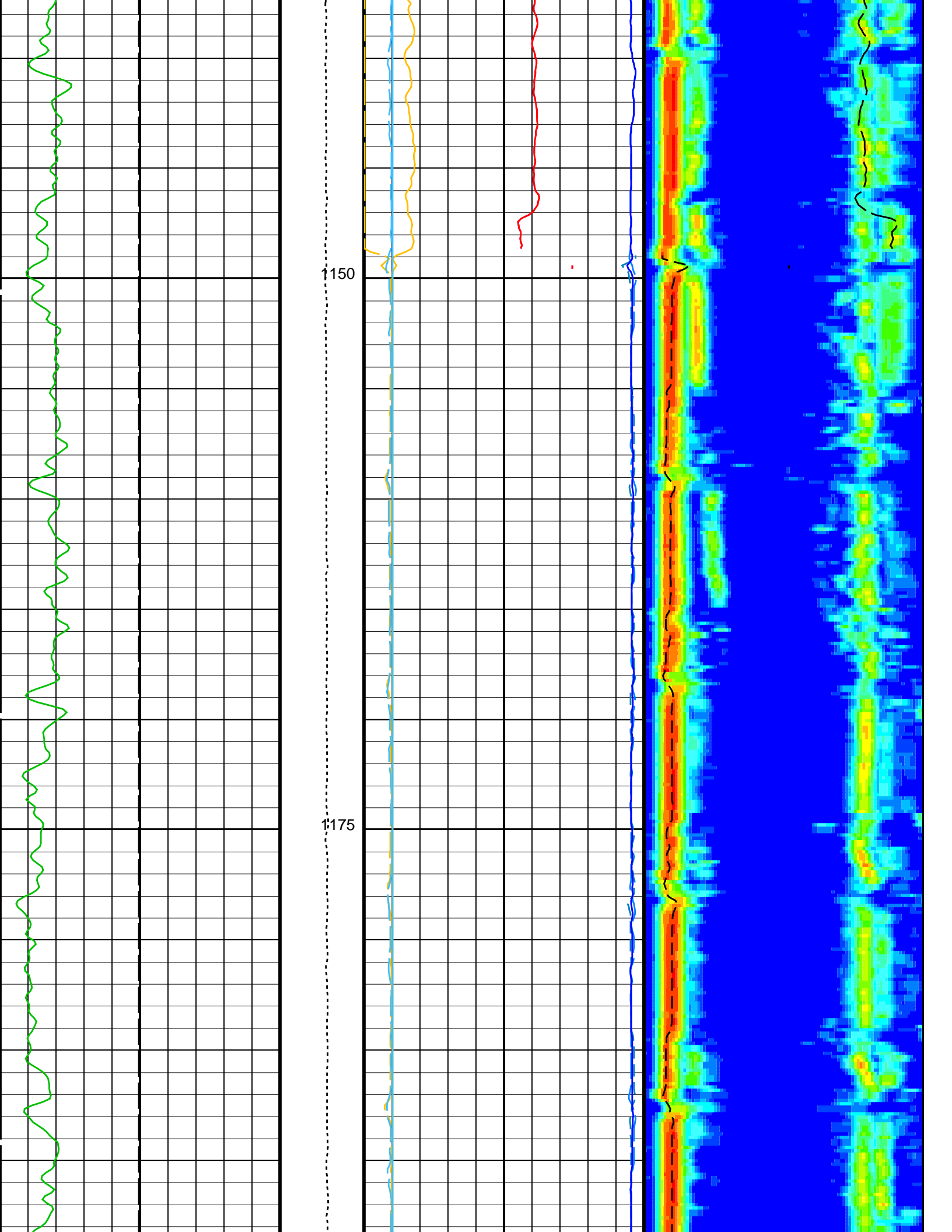


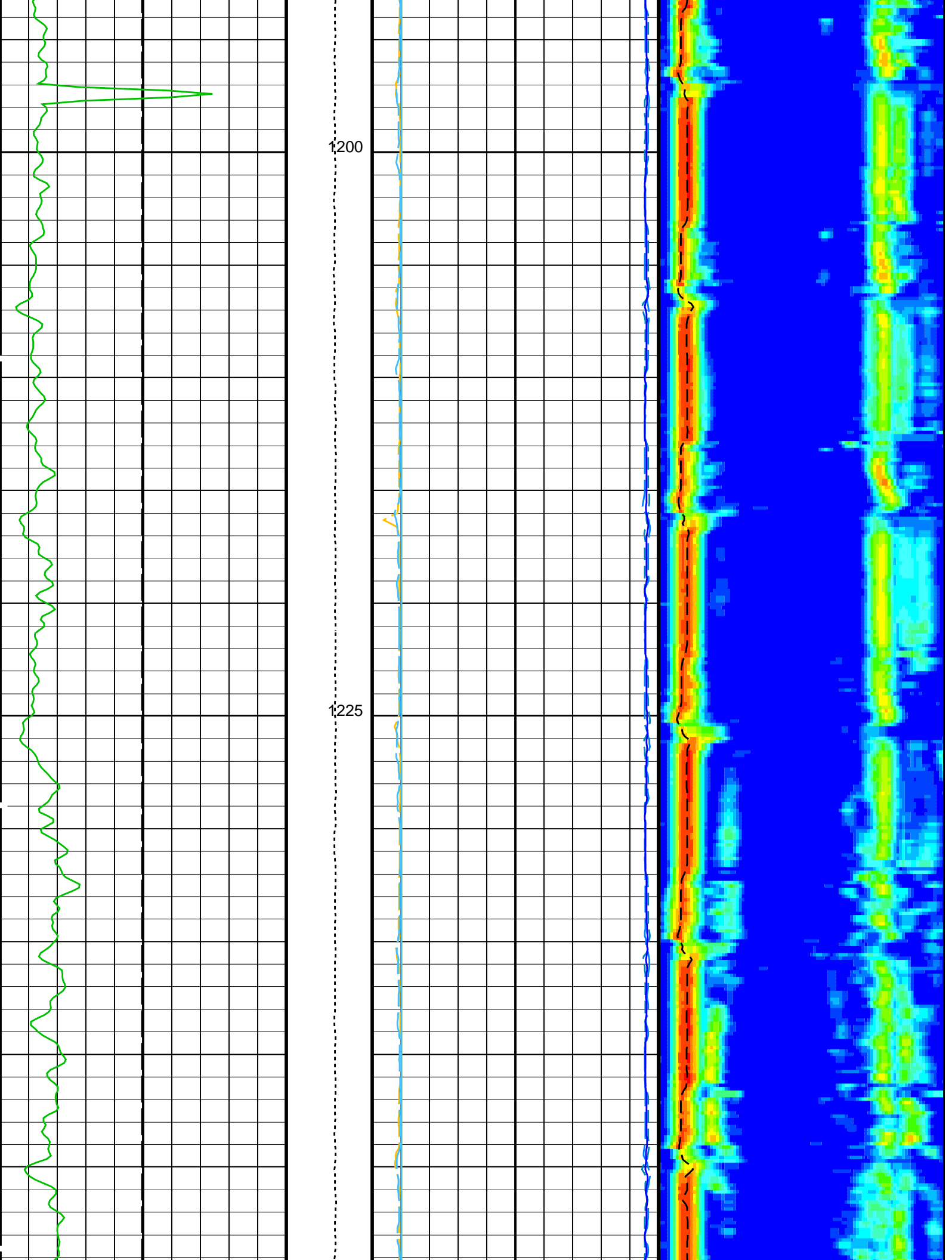


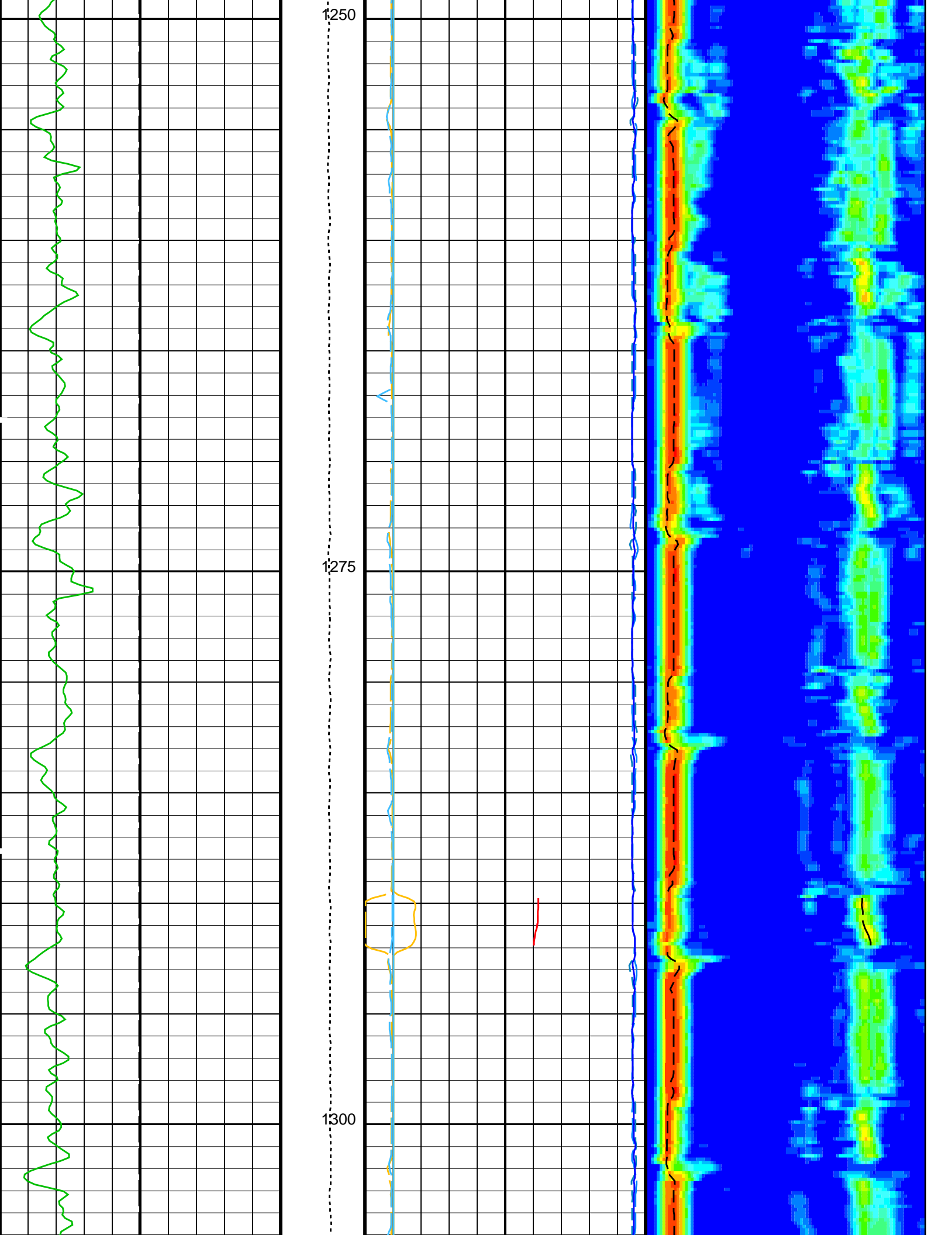


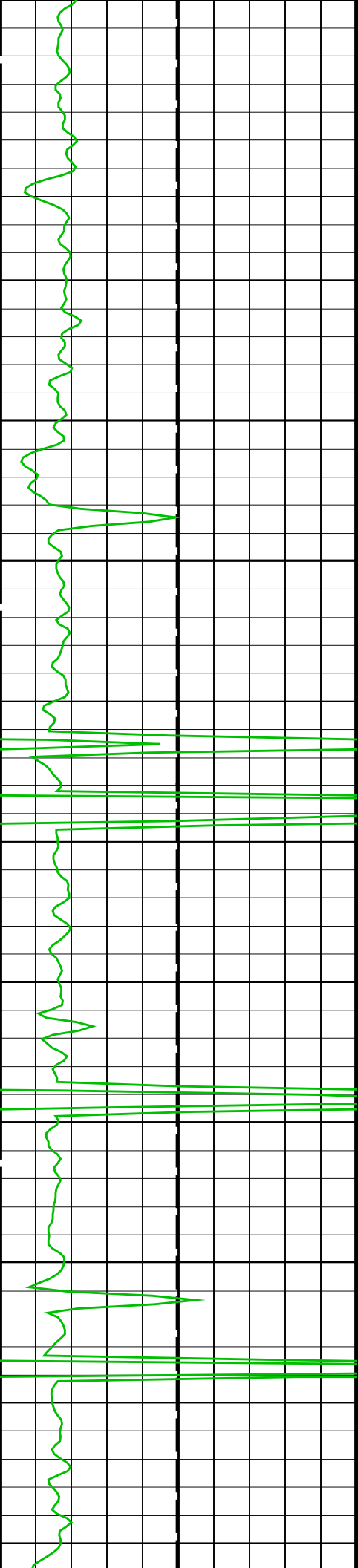






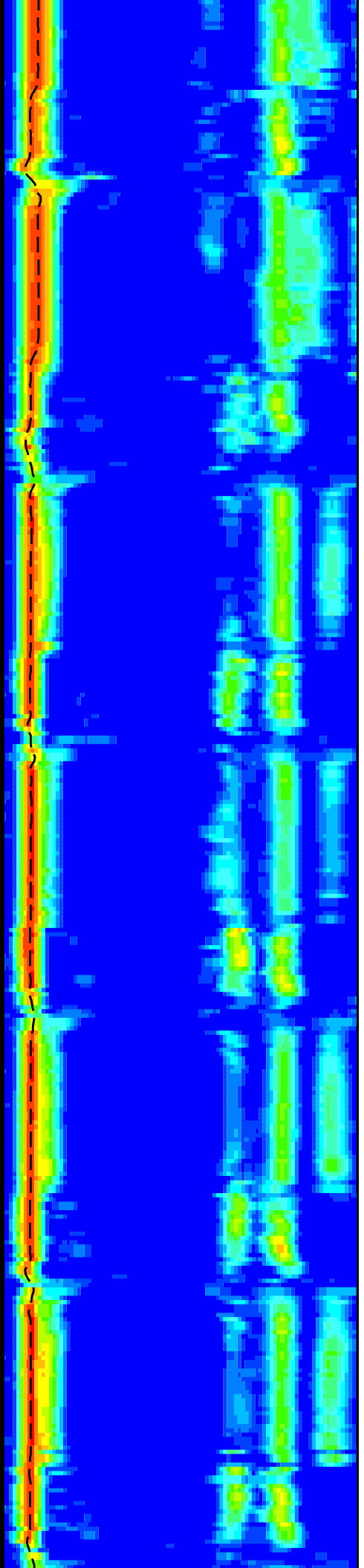
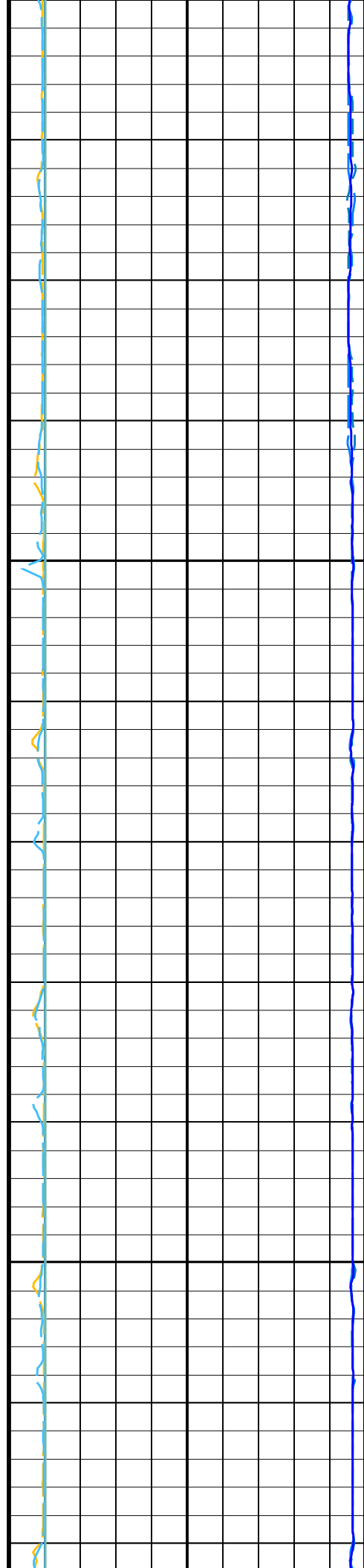


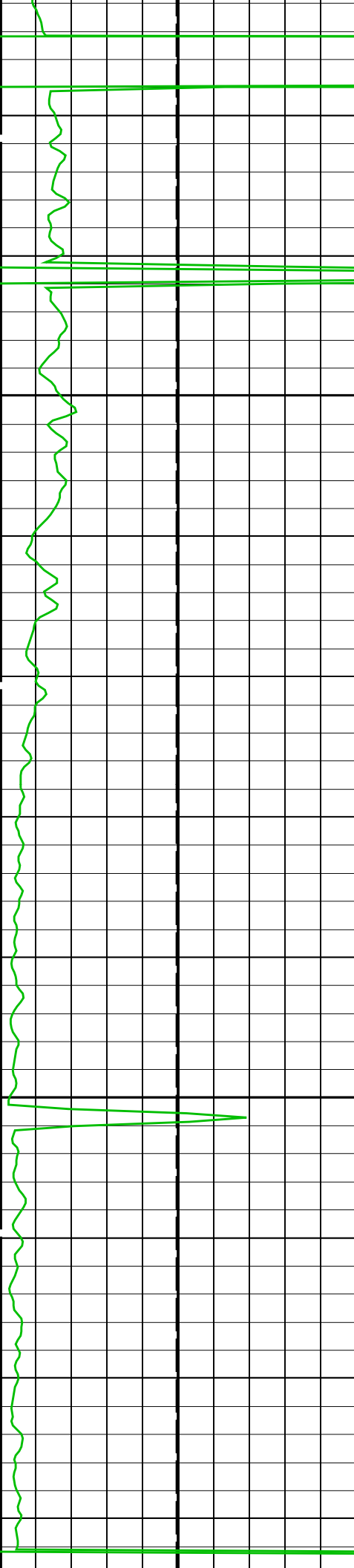




1325

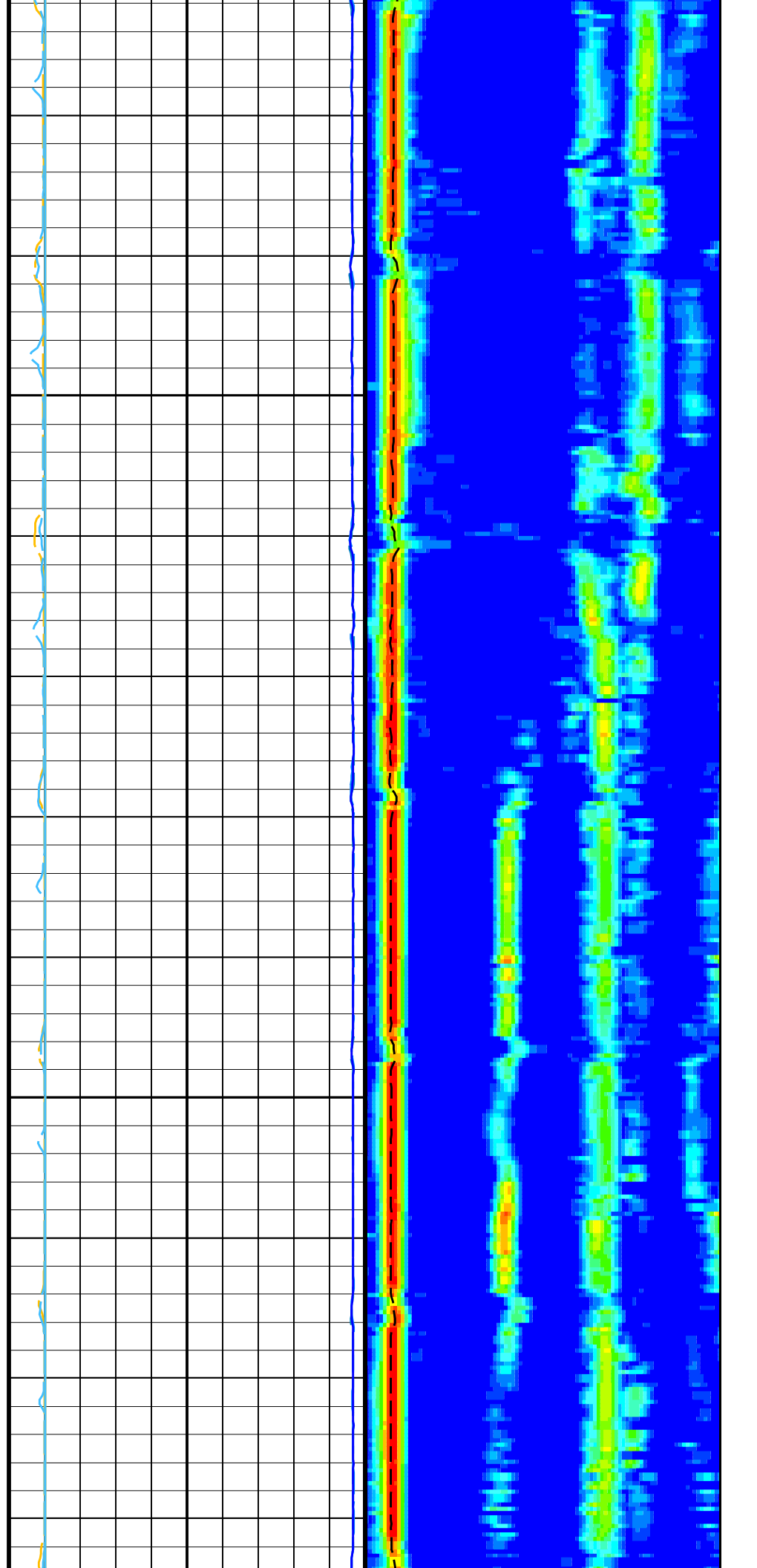
1350

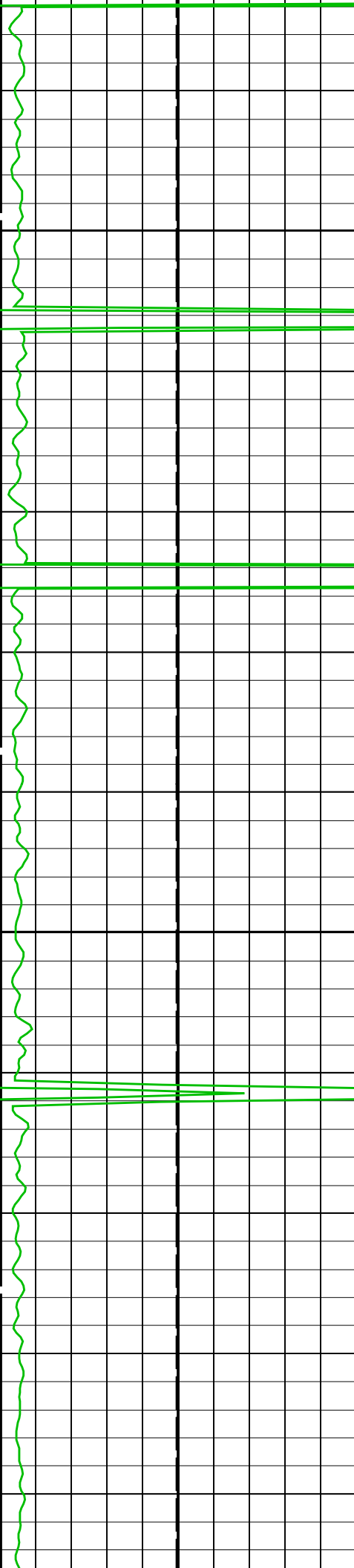




1375

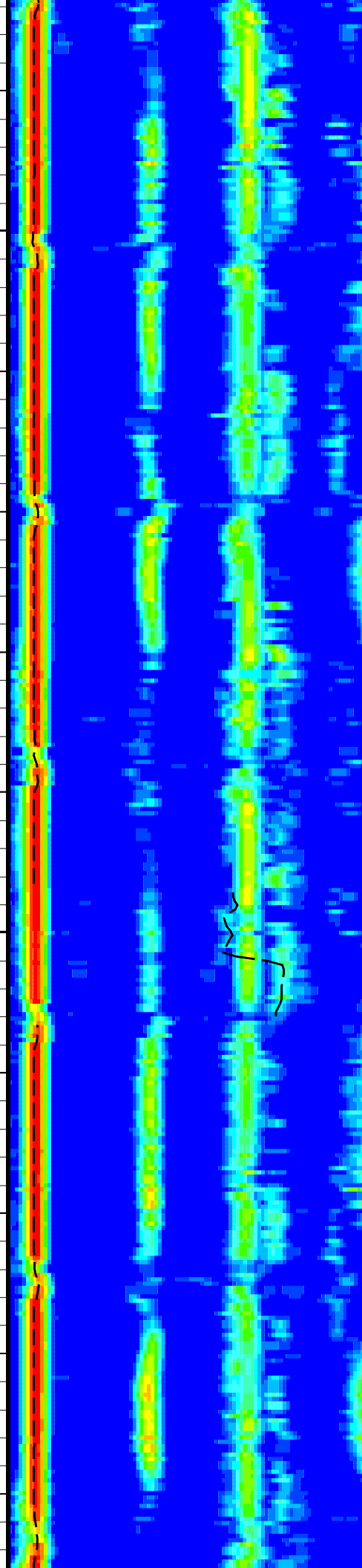
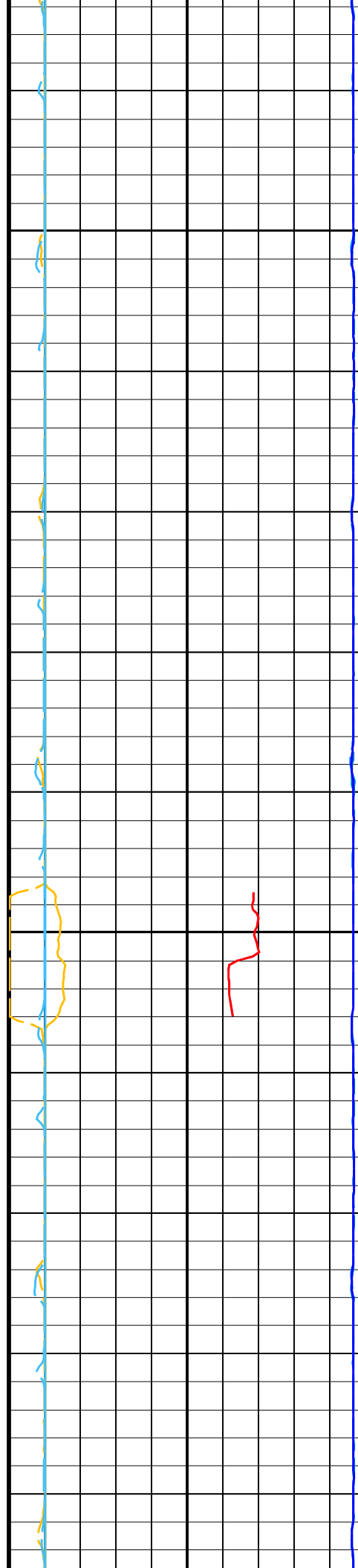
1400

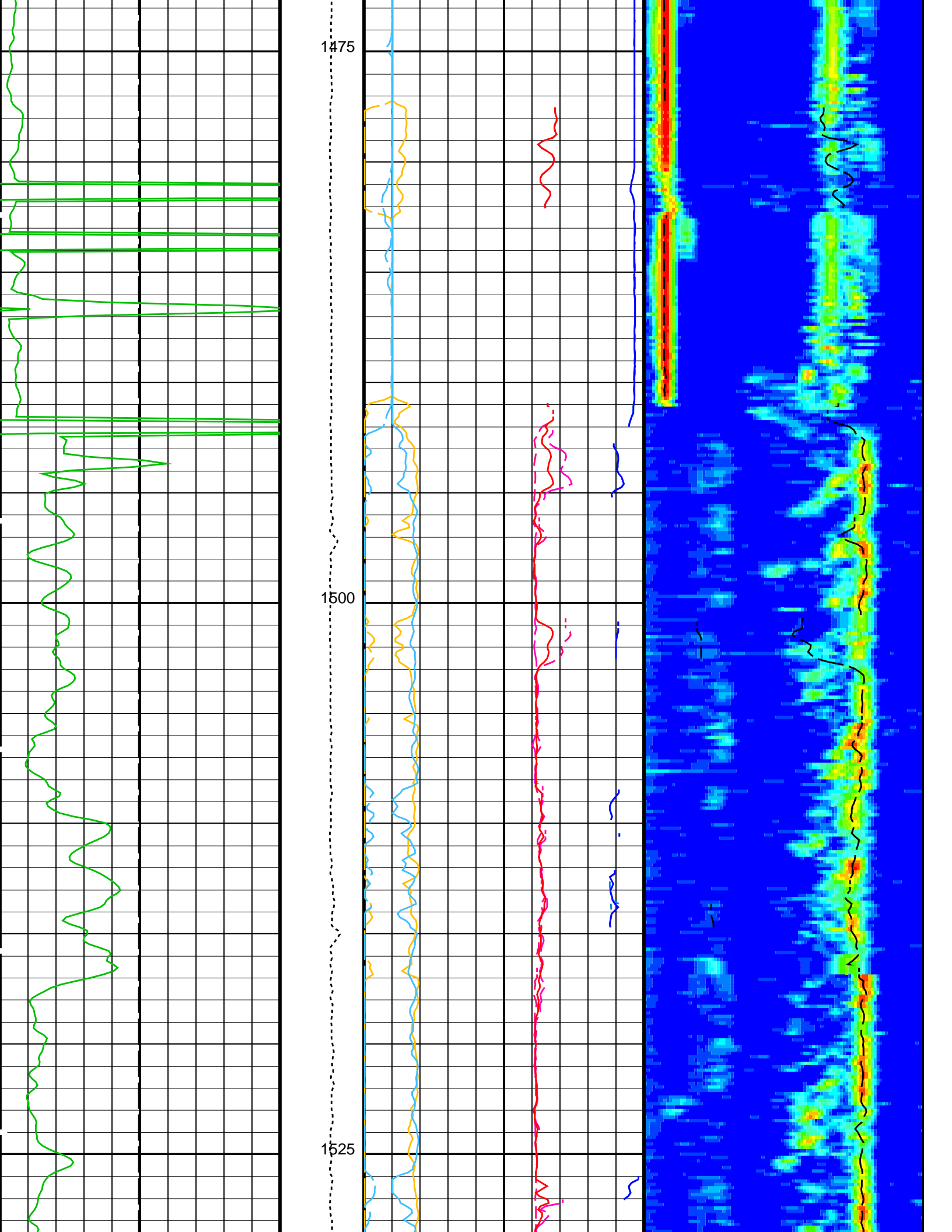


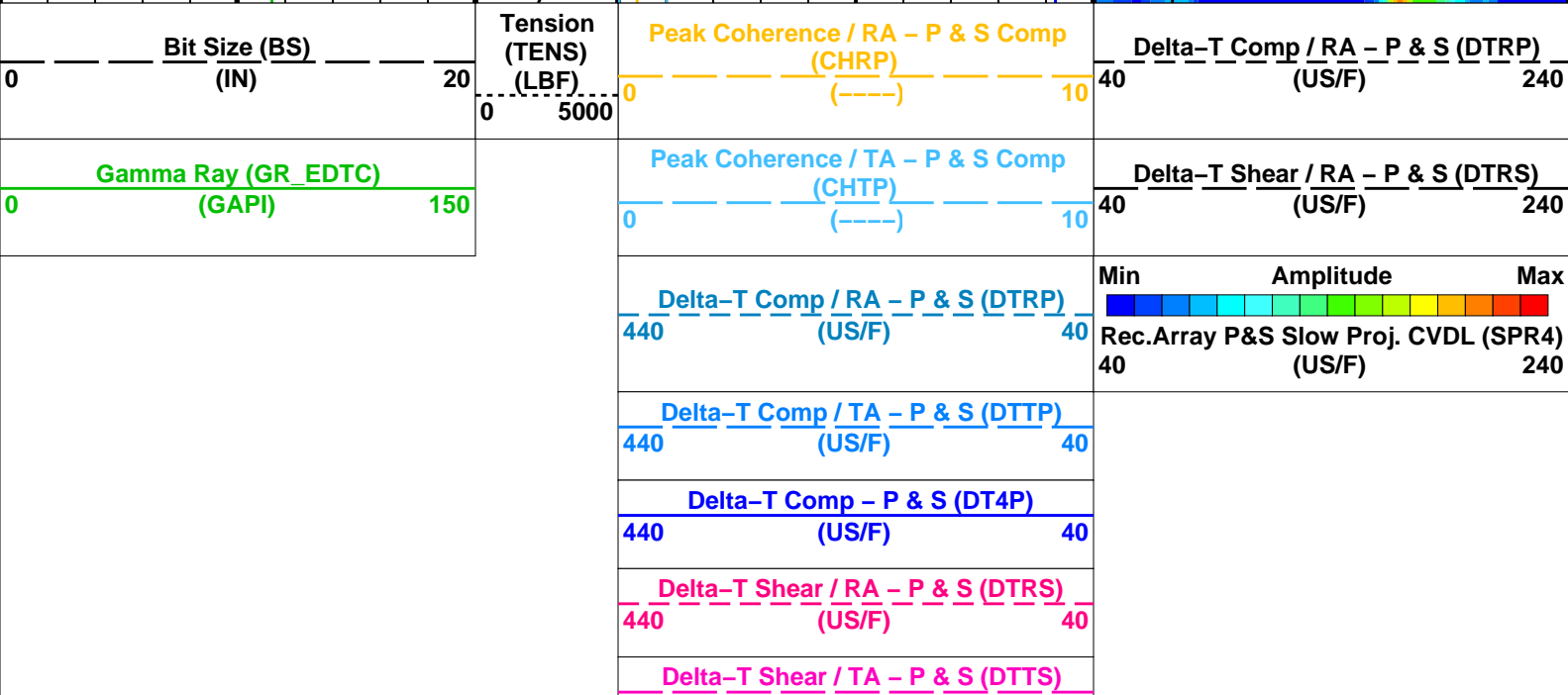
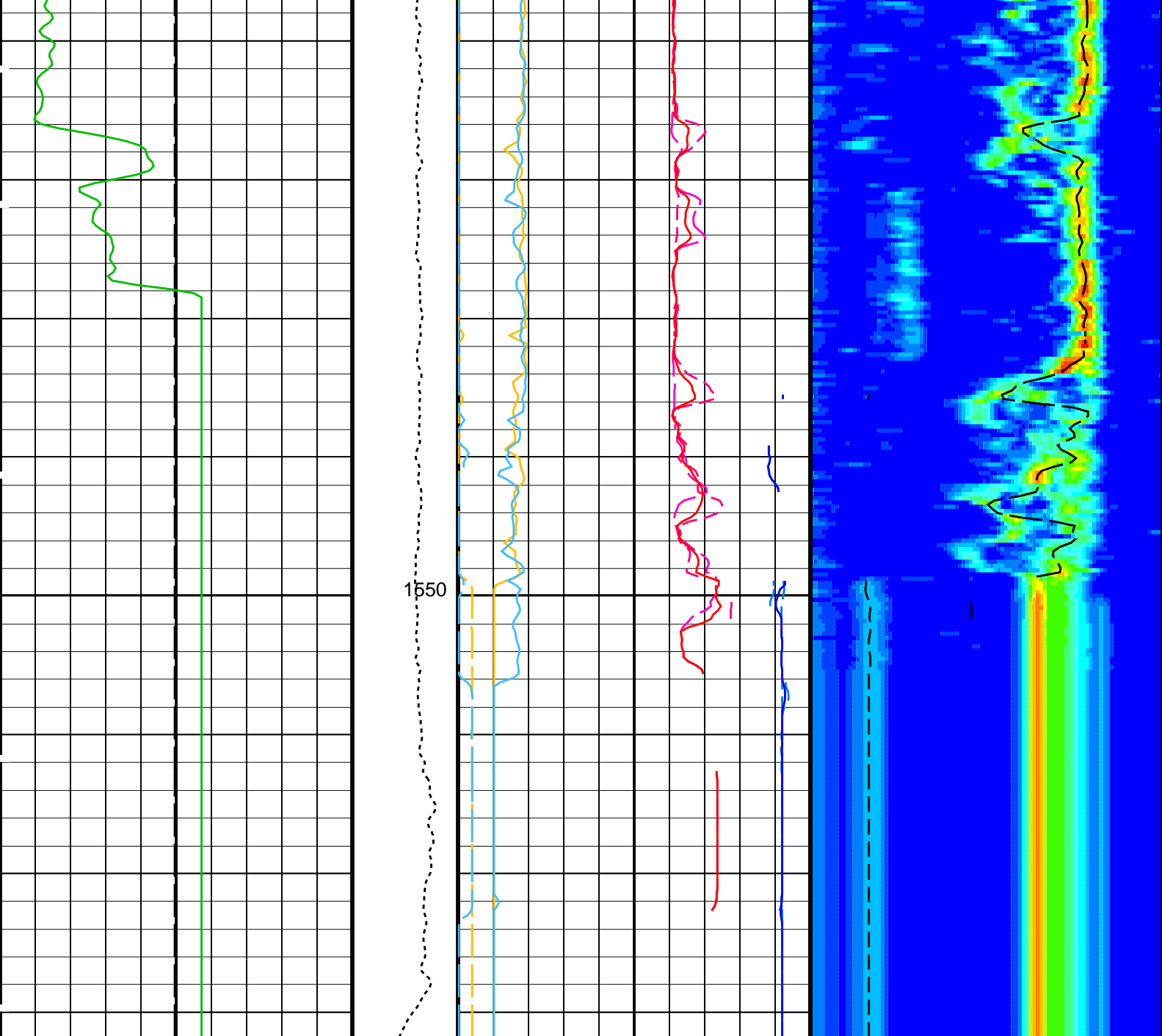


1425

1450







	440	(US/F)	40
	Delta-T Shear – P & S (DT4S)		
	440	(US/F)	40
	Peak Coherence / RA – P & S Shear (CHRS)		
	-1	(-----)	9
	Peak Coherence / TA – P & S Shear (CHTS)		
	-1	(-----)	9

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	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_SHEAR	
LFC	Label Formation Character – Monopole P&S	DYNAMIC	
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	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	
HNCS-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

OP System Version: 19C0-187

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

Output DLIS Files

DEFAULT DSI_NGS_023LUP FN:21 PRODUCER 30-Jan-2024 07:52

Output DLIS Files

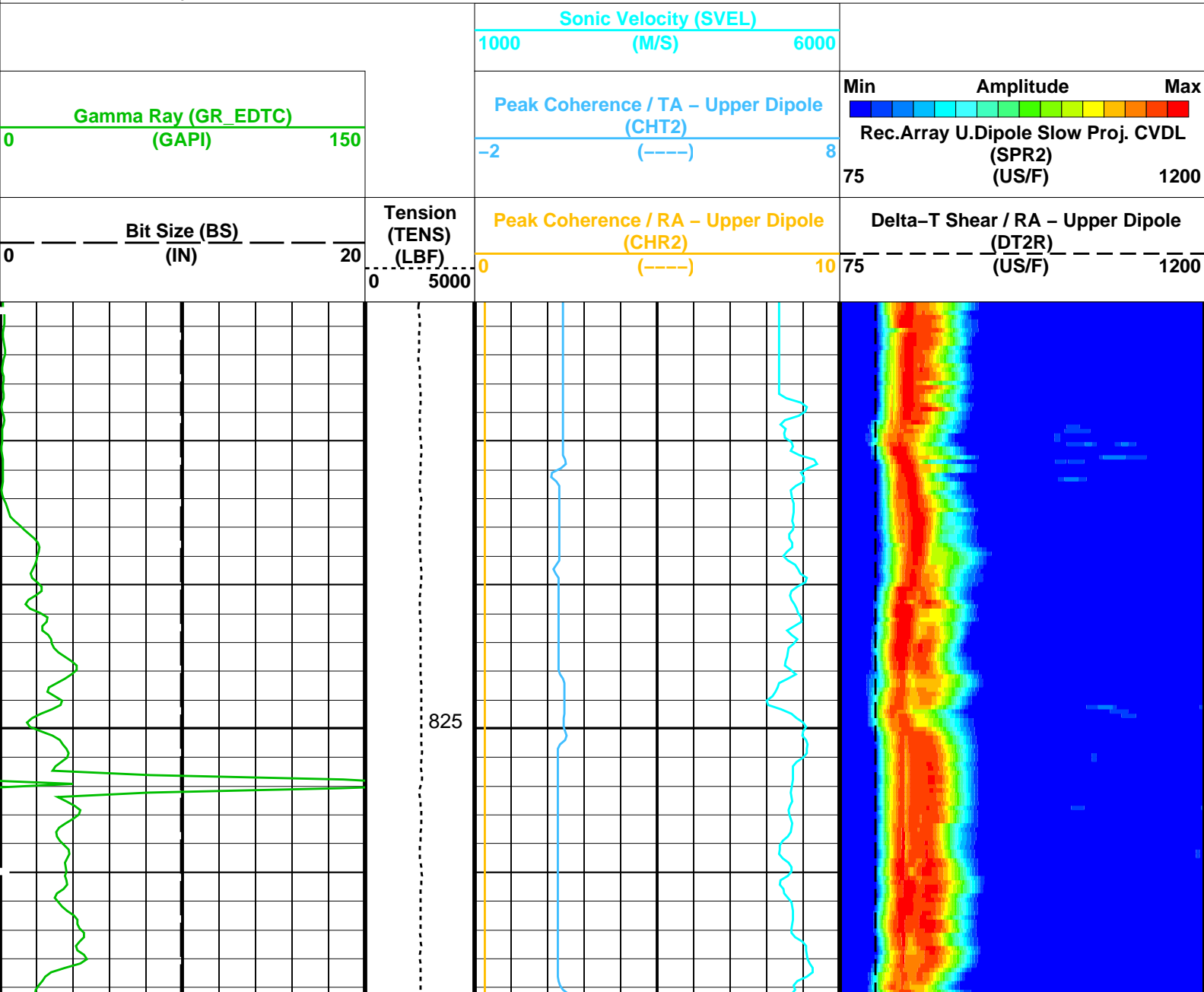
DEFAULT DSI_NGS_023LUP FN:21 PRODUCER 30-Jan-2024 07:52 1565.9 M 810.8 M

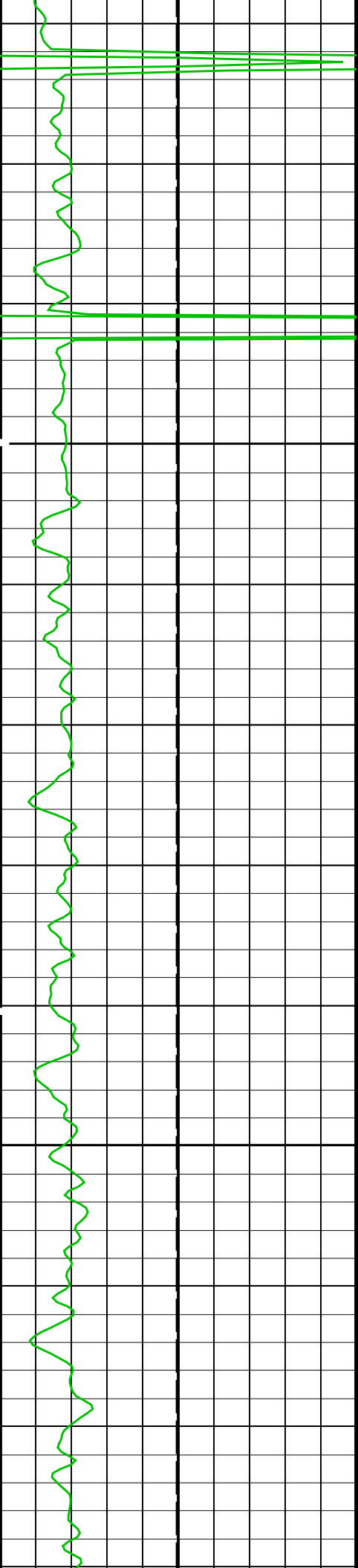
OP System Version: 19C0-187

GPIT-A/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

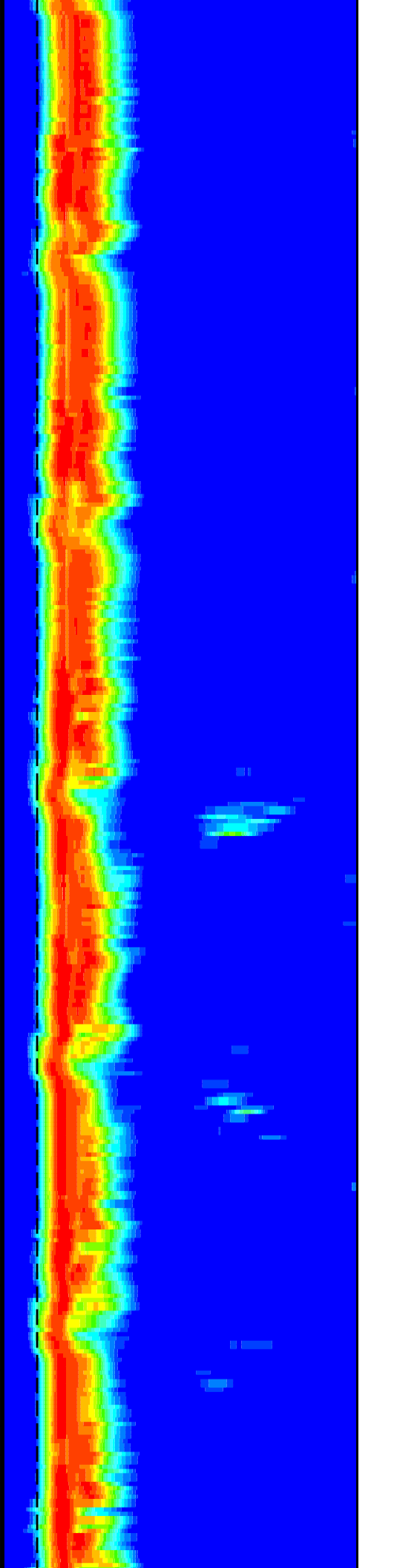
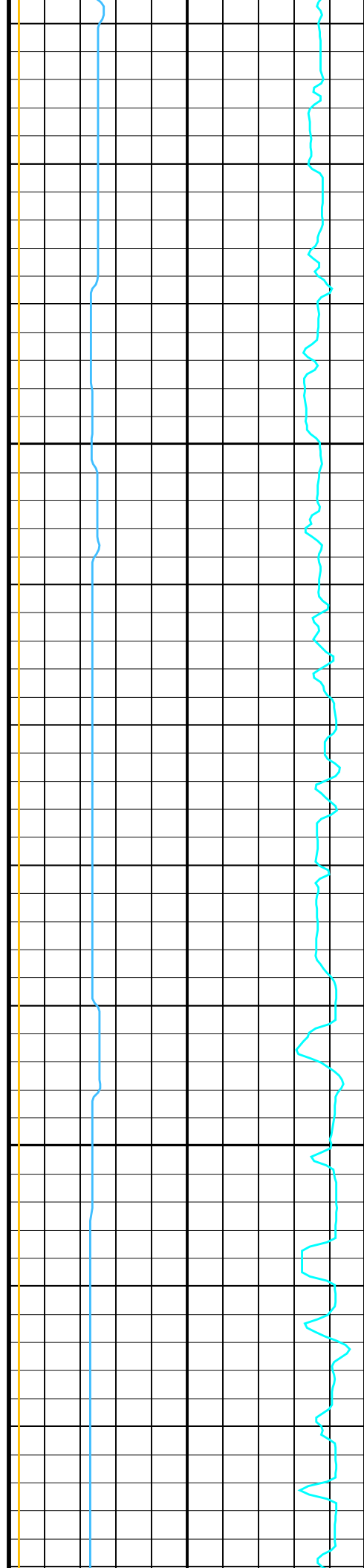
Time Mark Every 60 S

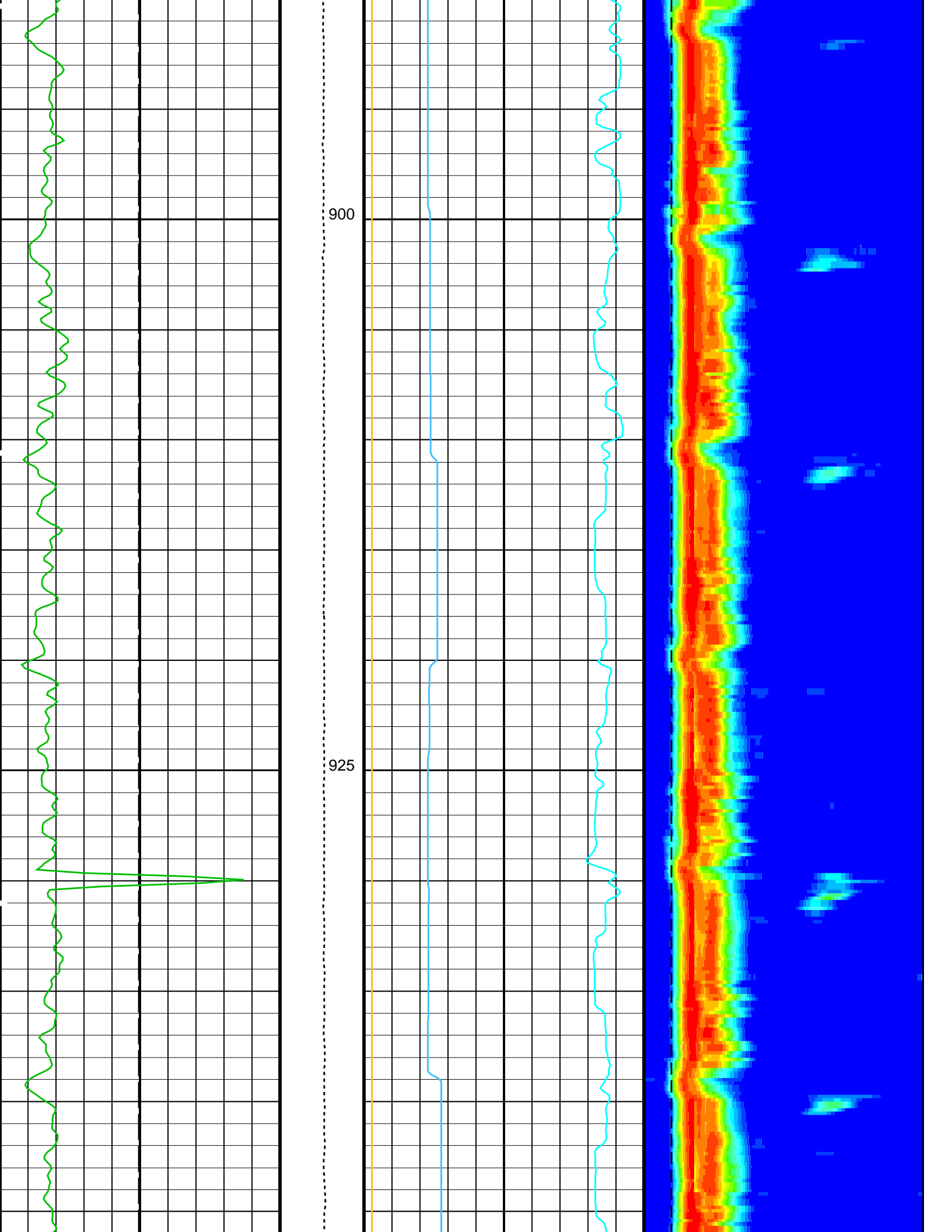


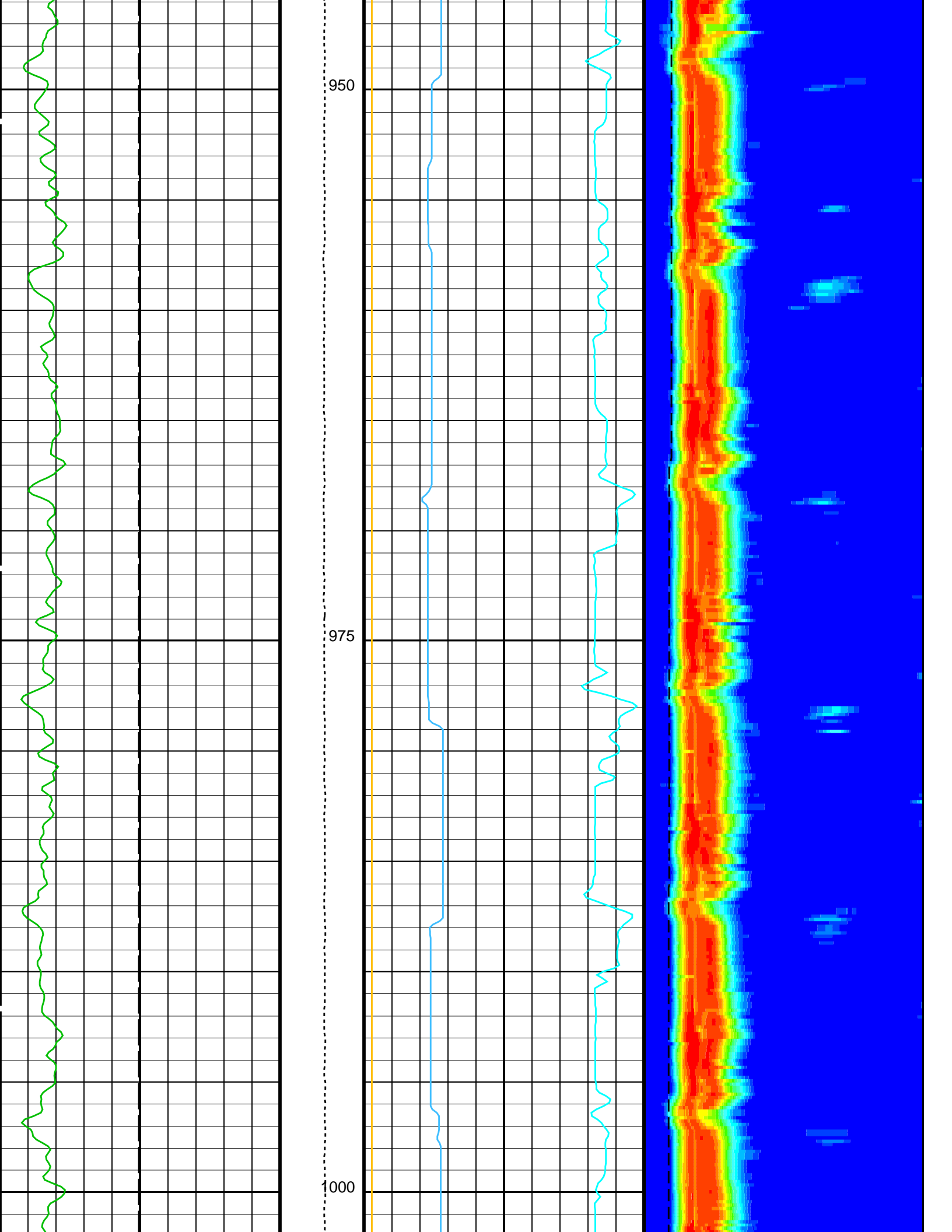


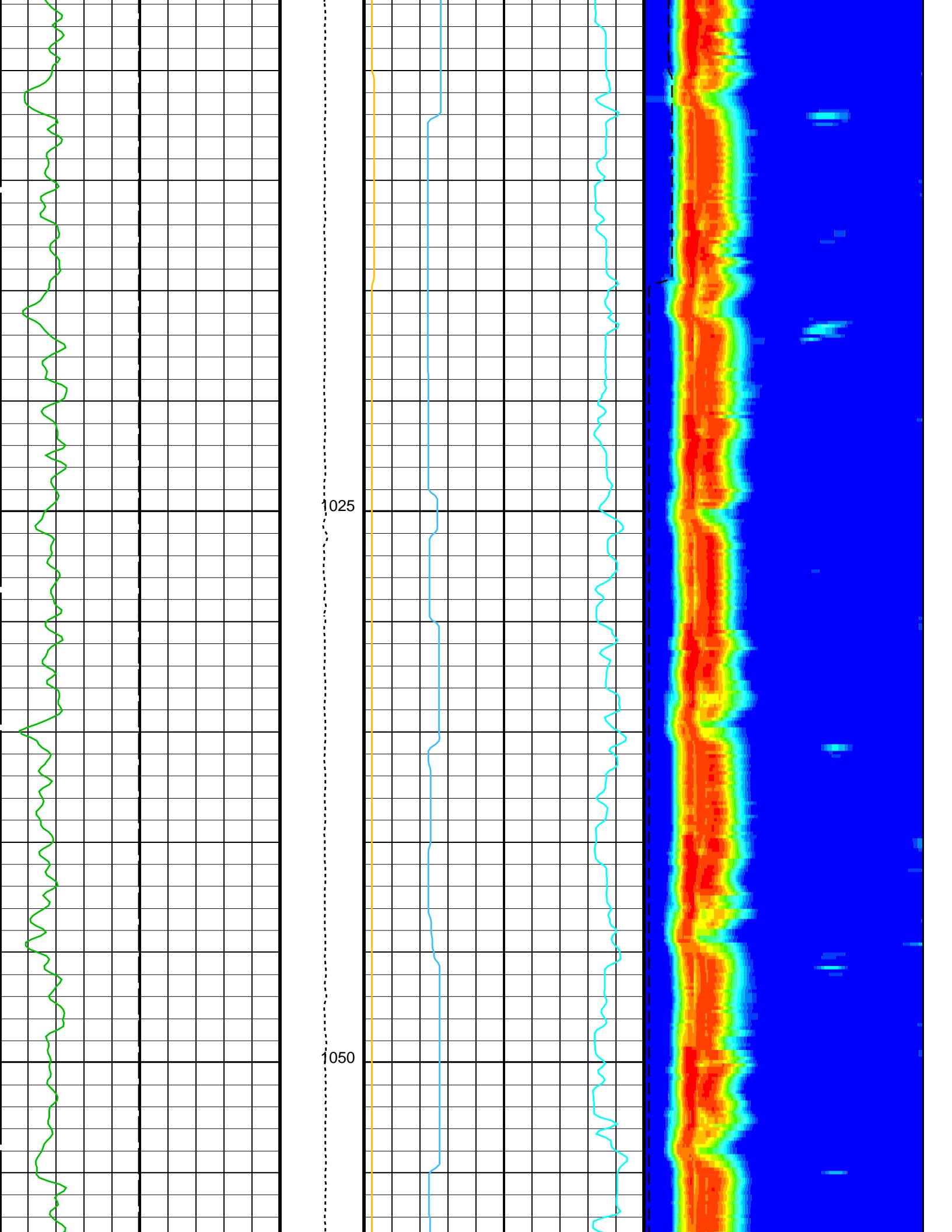
850

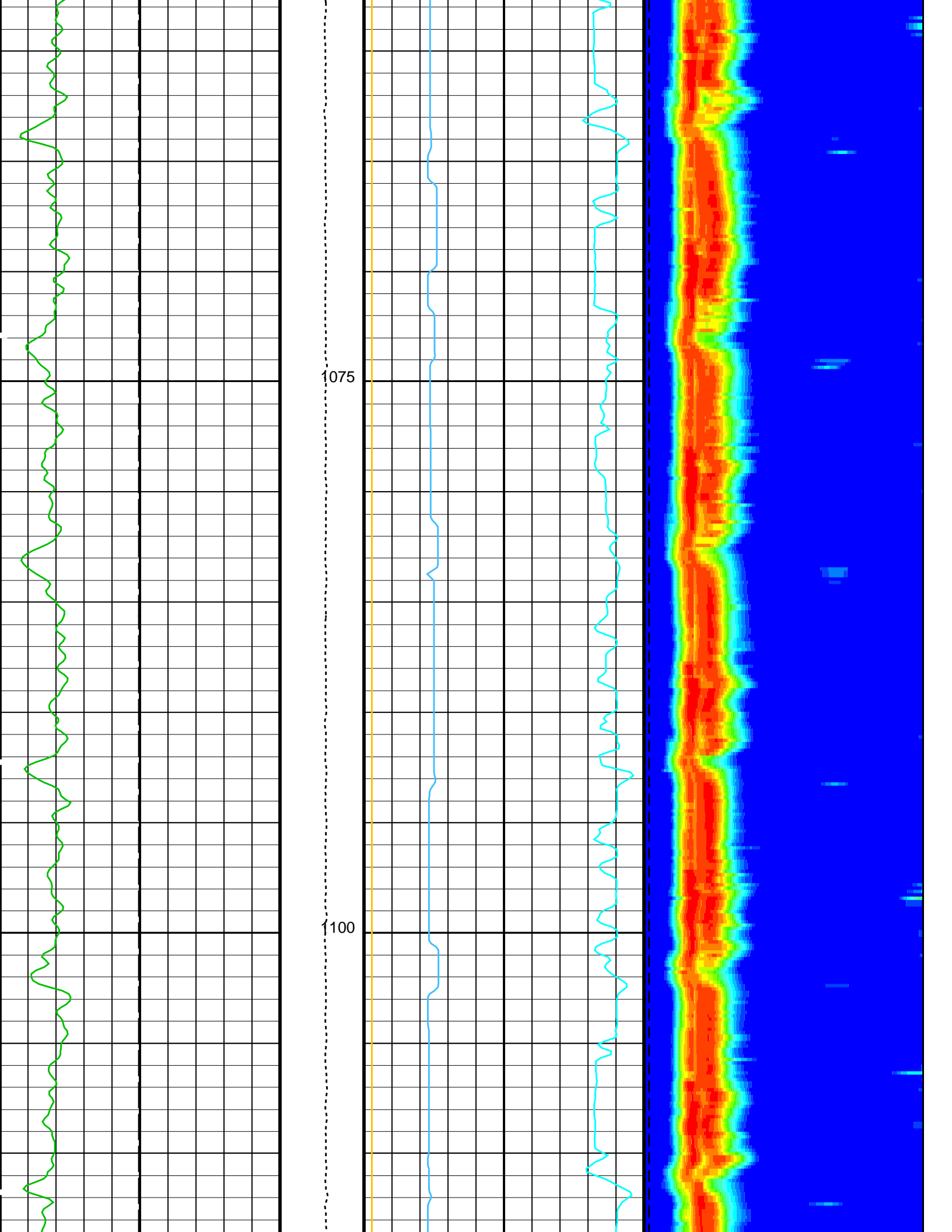
875

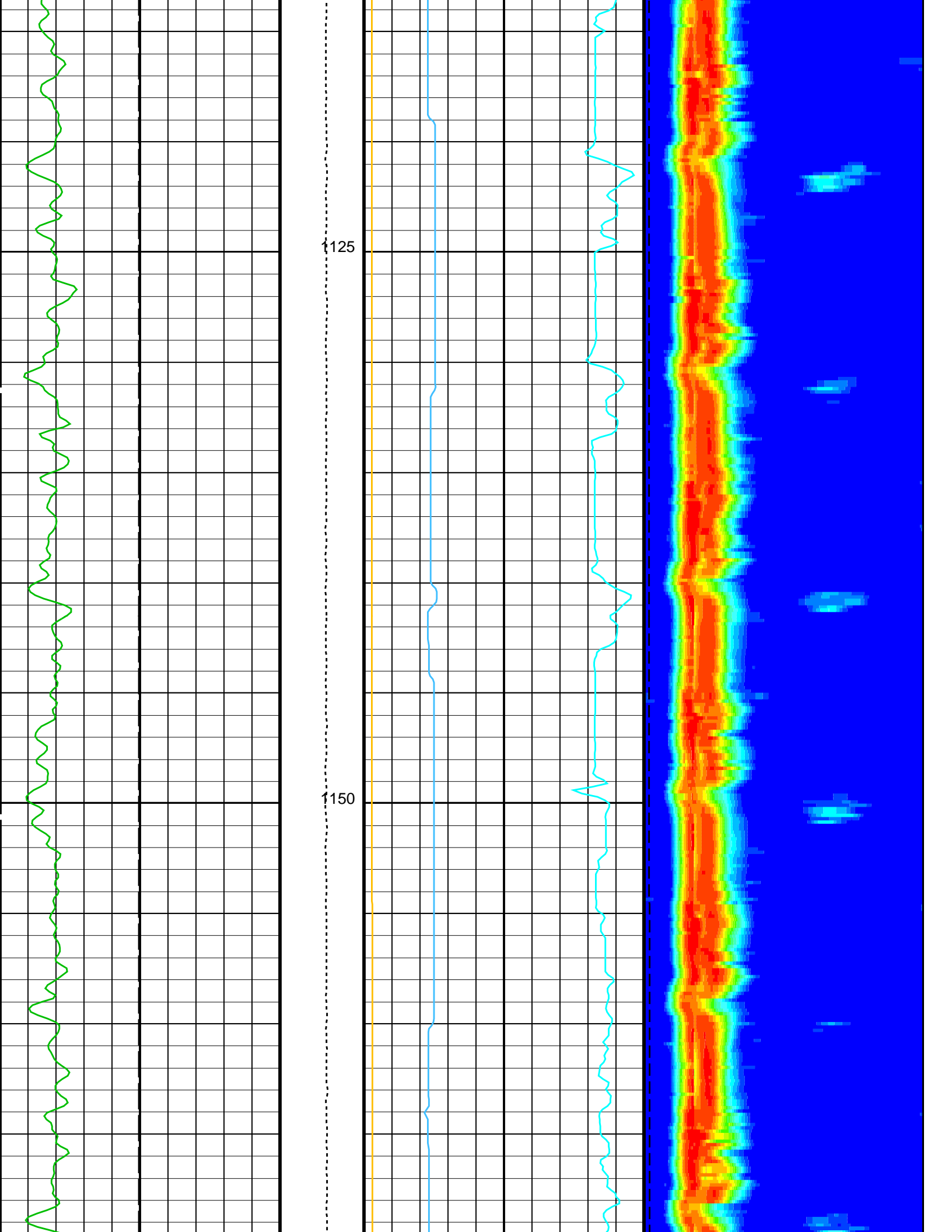


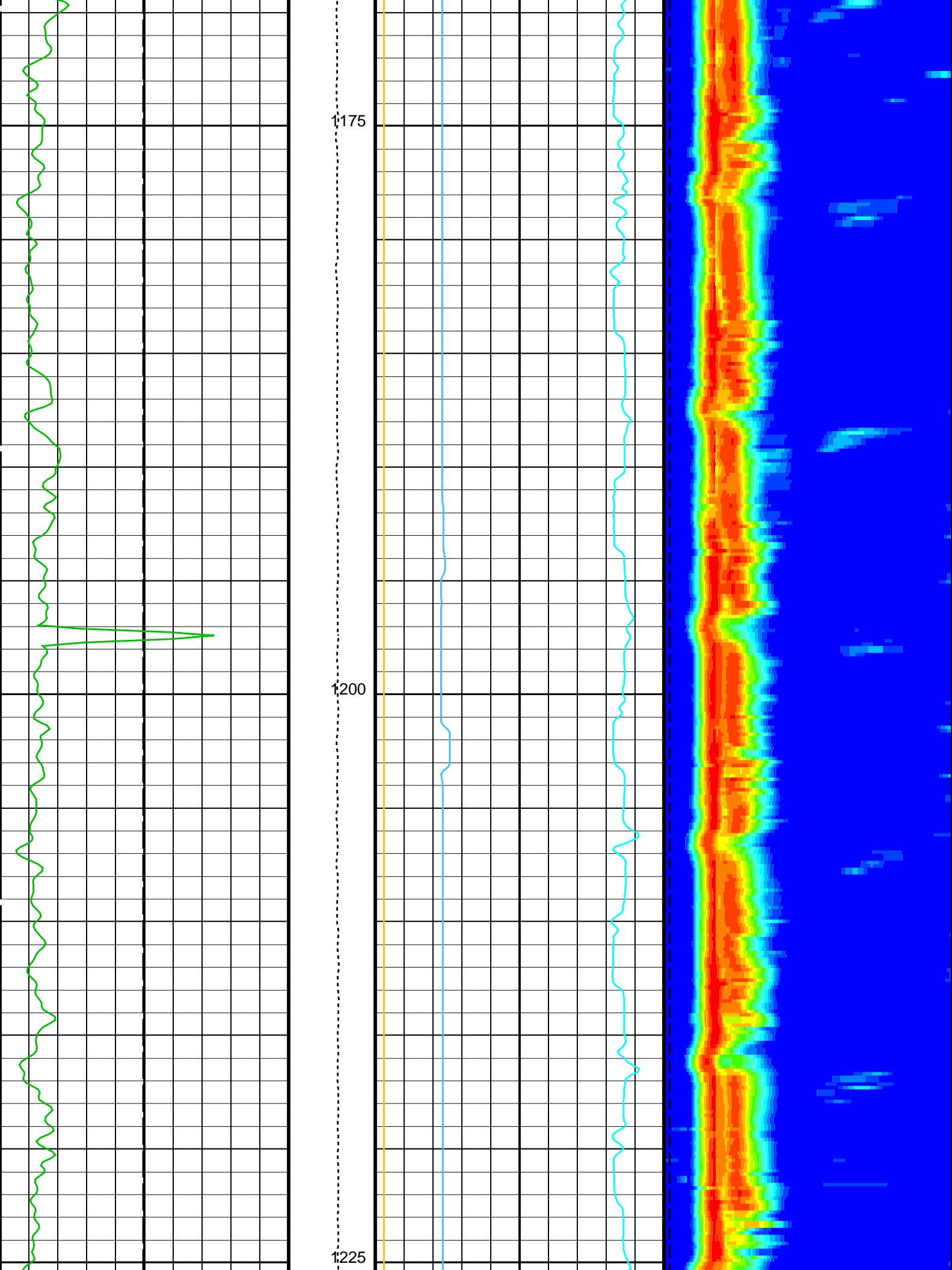


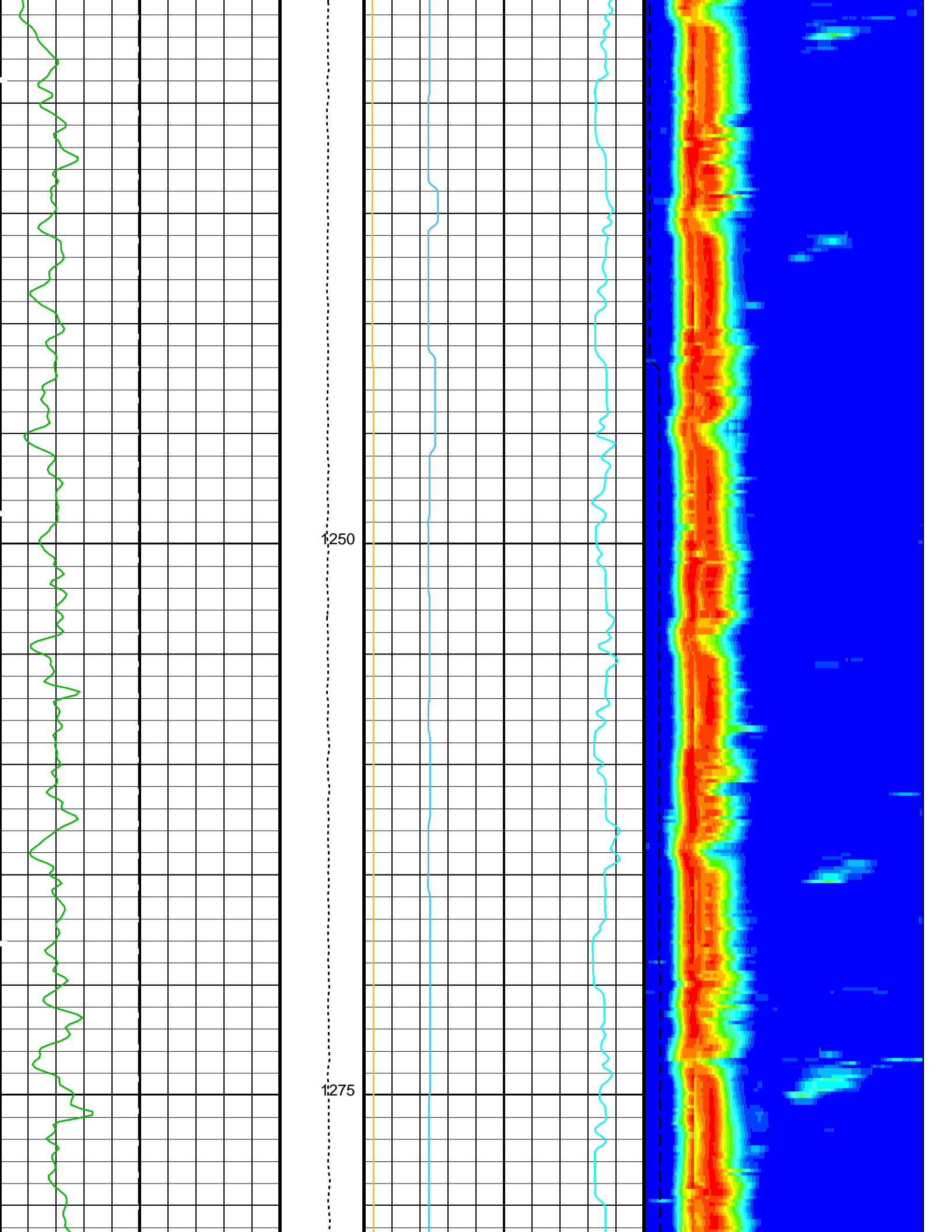


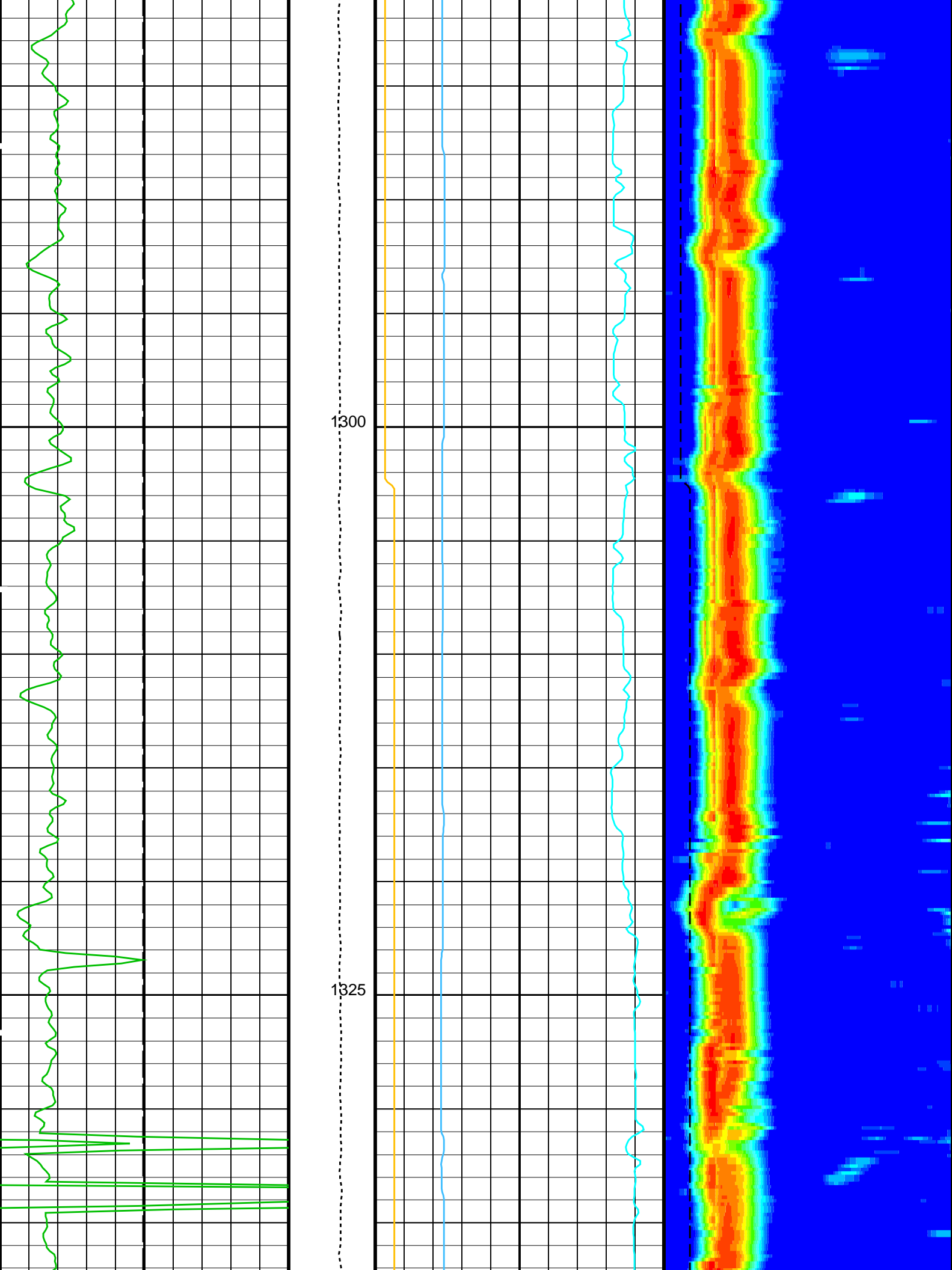


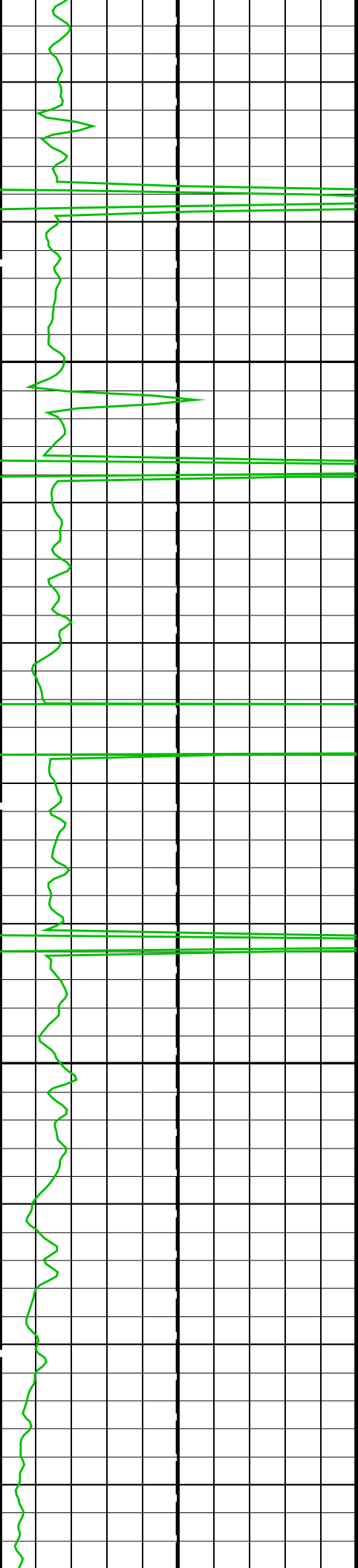






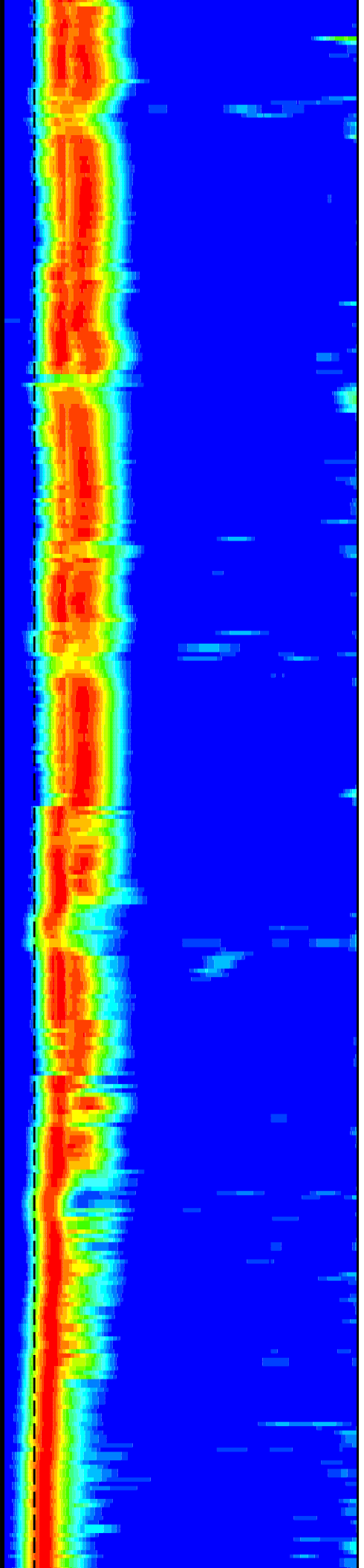
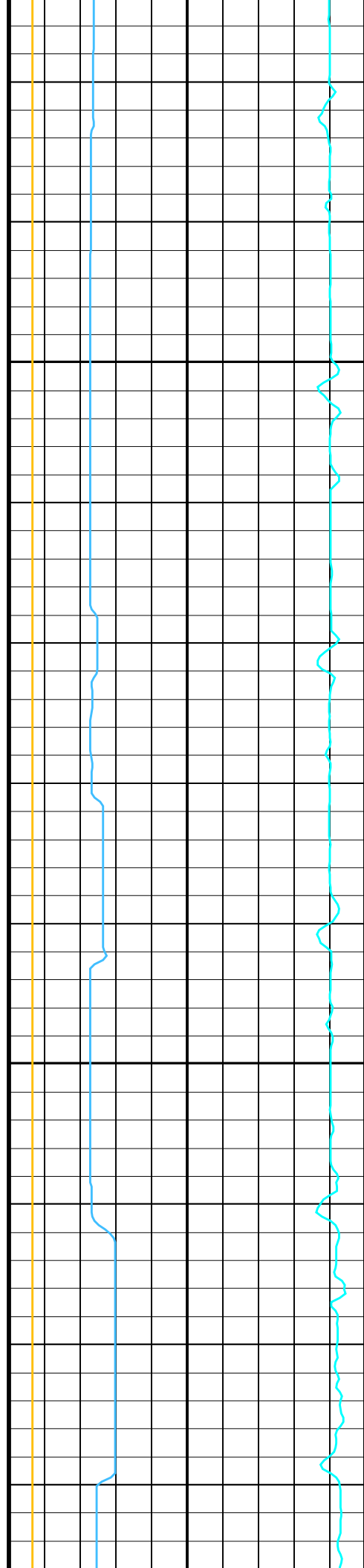


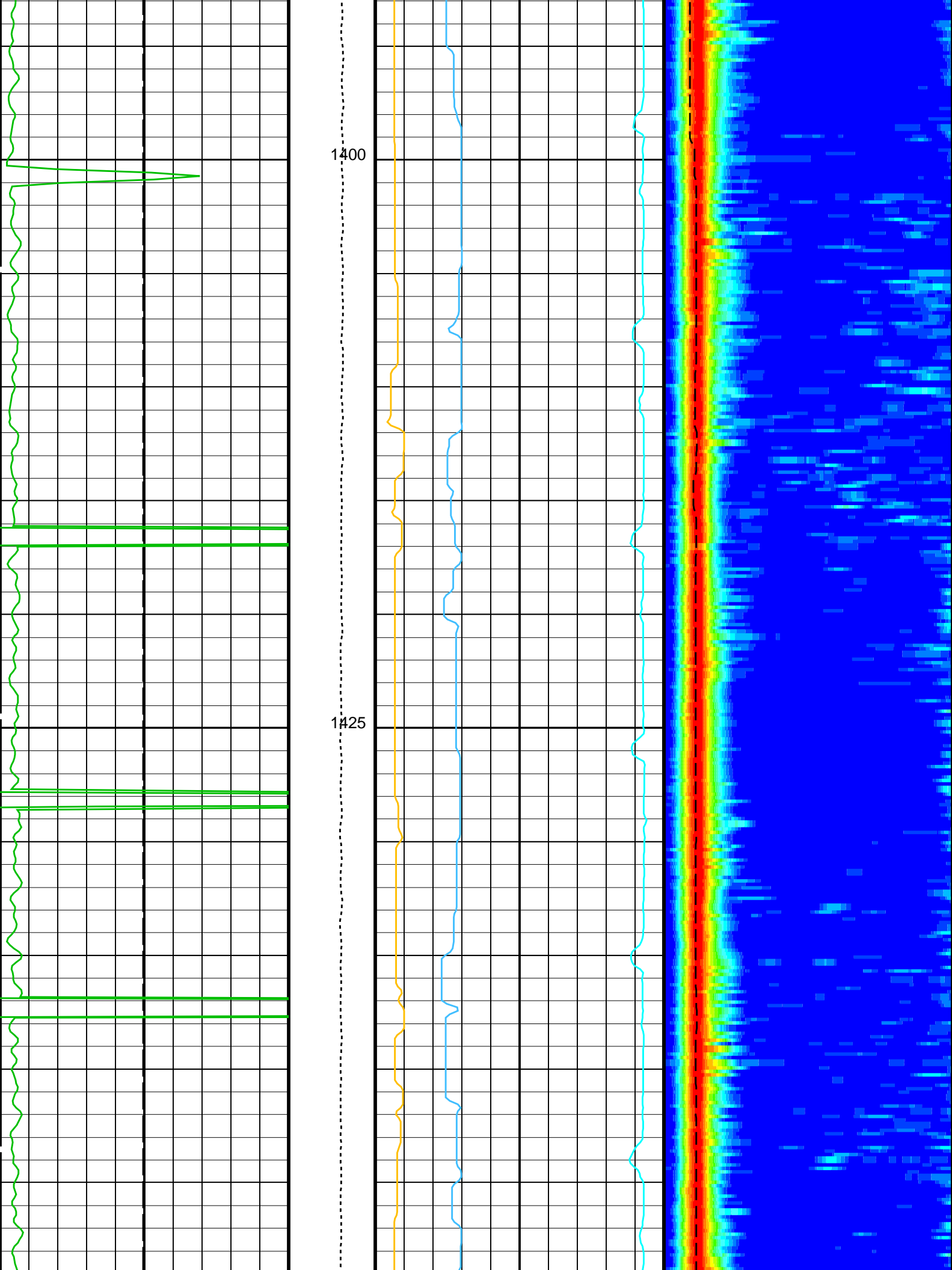


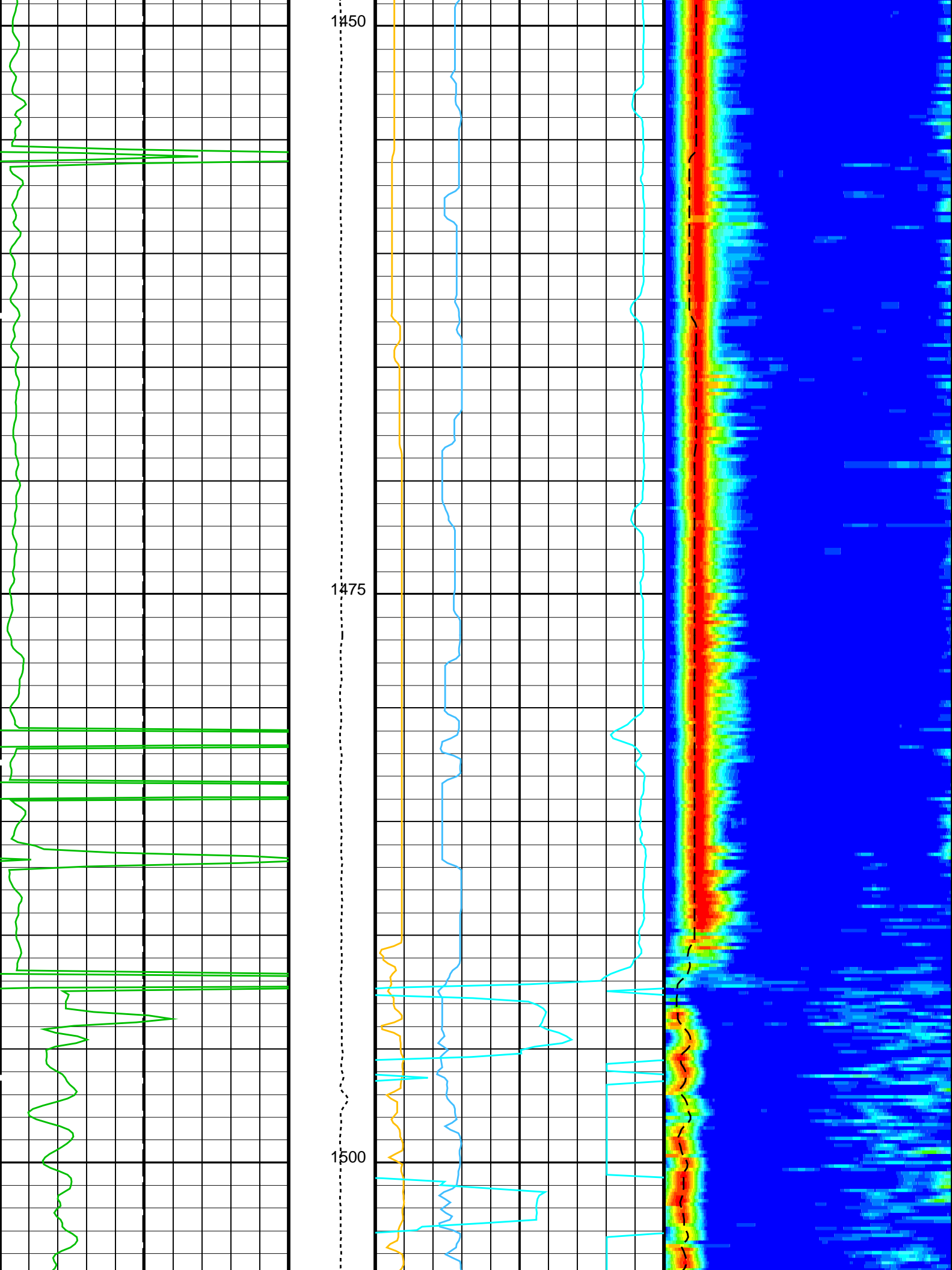


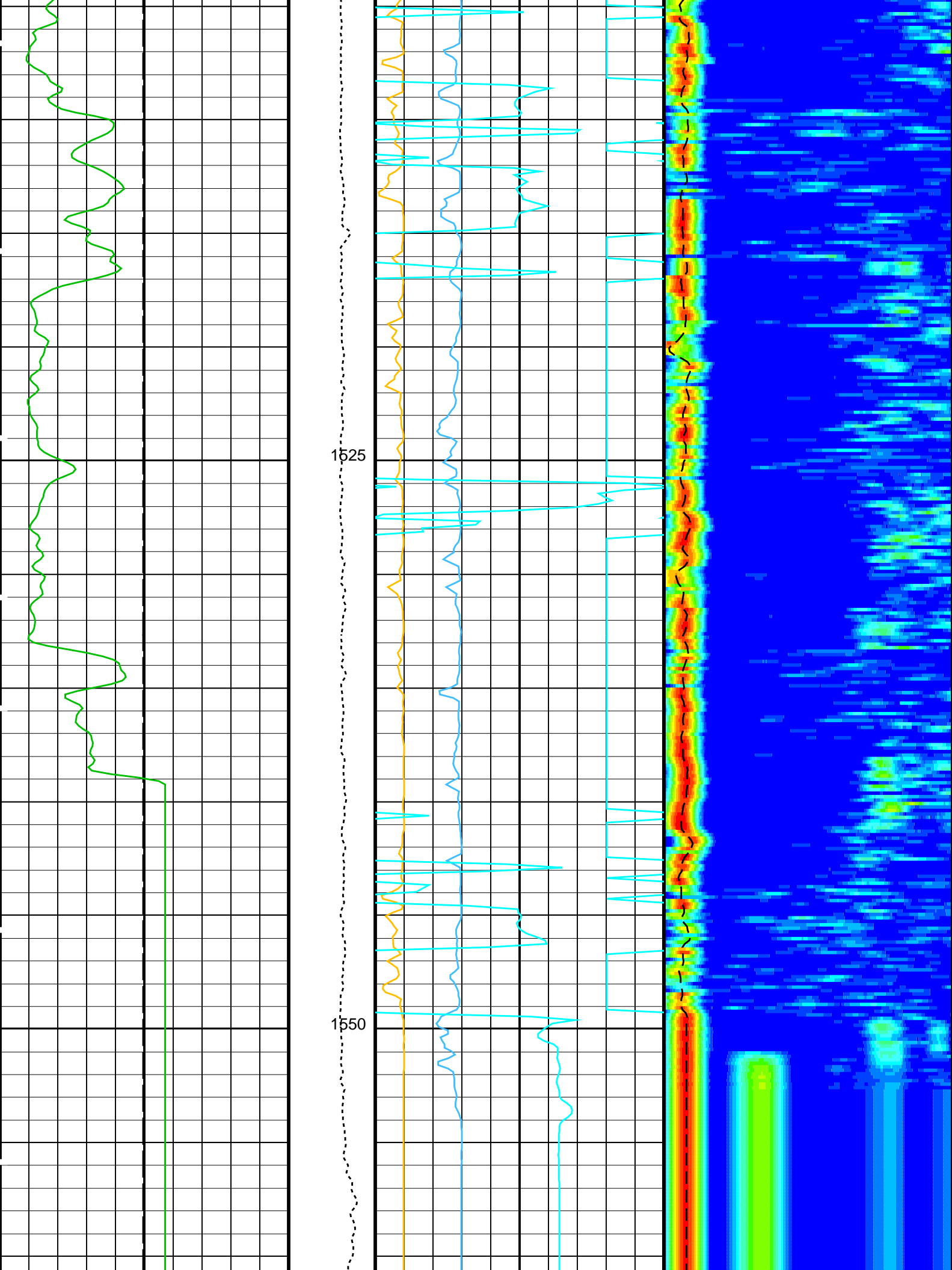
1350

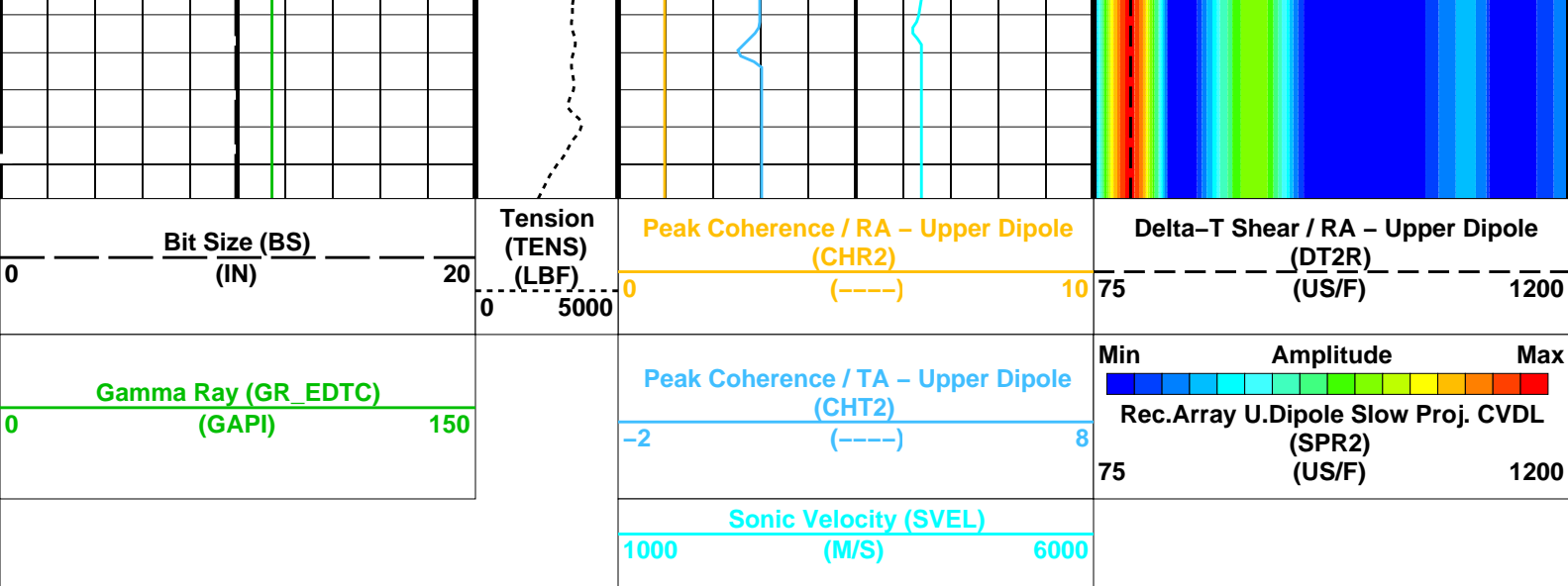
1375











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

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 30-Jan-2024 07:52

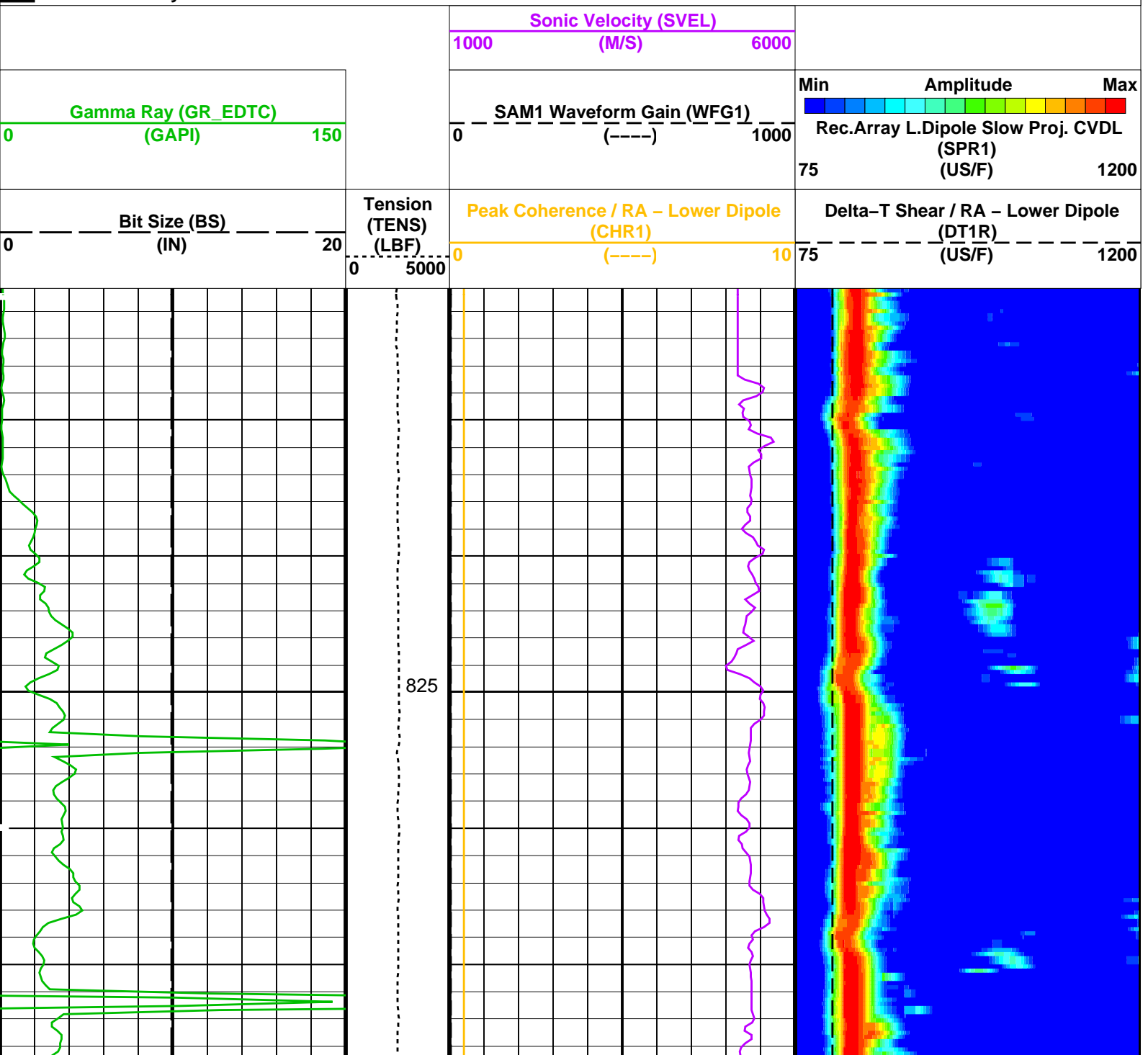
OP System Version: 19C0-187

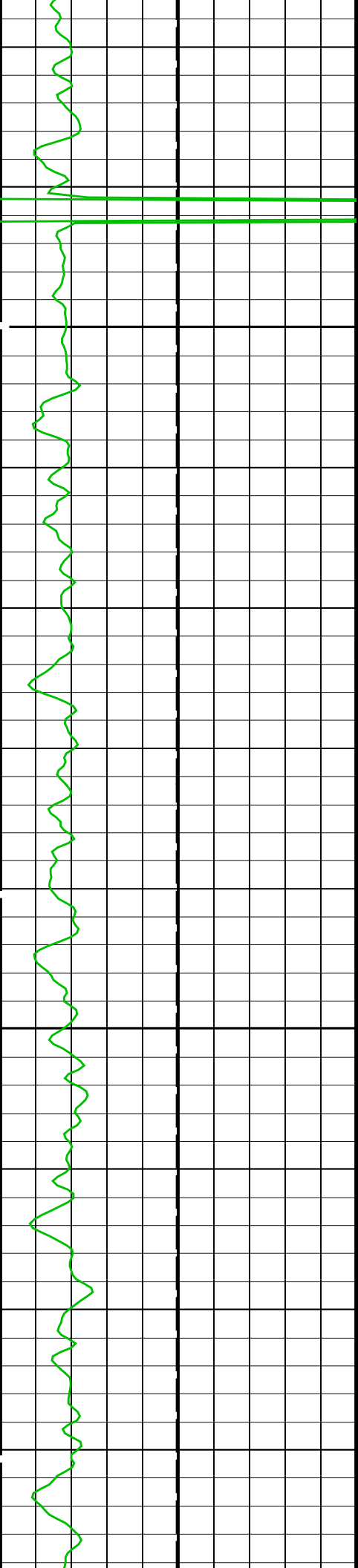
GPIT-A/B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187

DEFAULT	DSI_NGS_023LUP	FN:21	PRODUCER	30-Jan-2024 07:52	1565.9 M	810.8 M
---------	----------------	-------	----------	-------------------	----------	---------

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

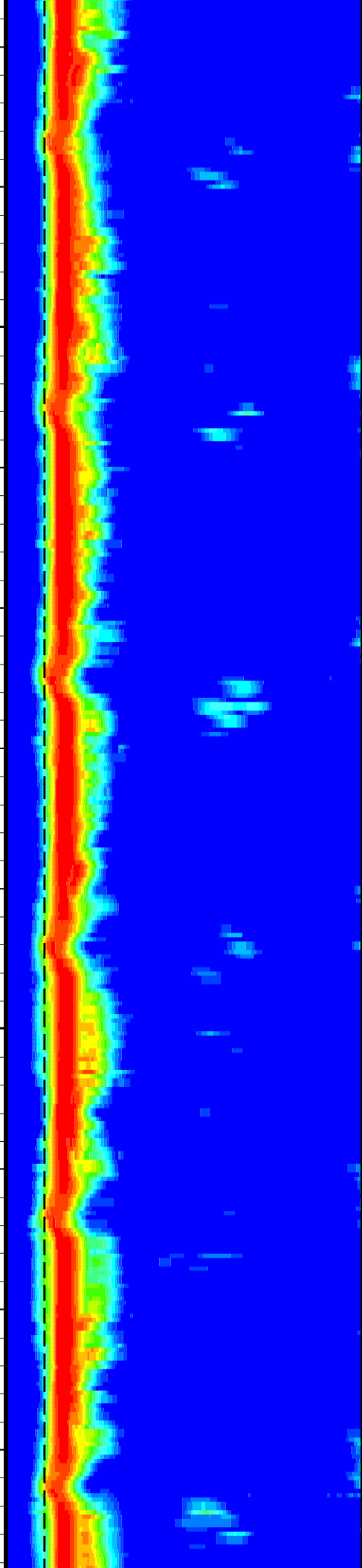
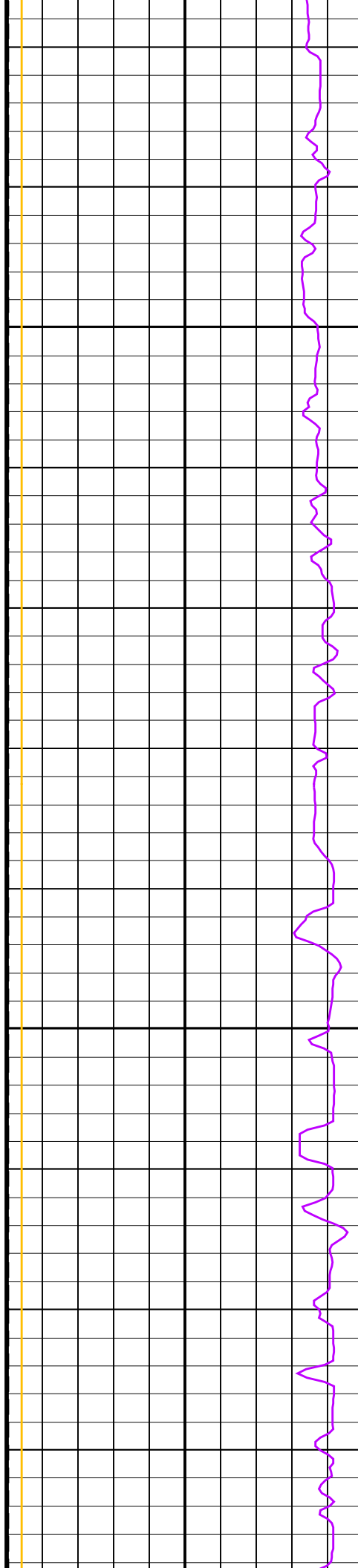
Time Mark Every 60 S

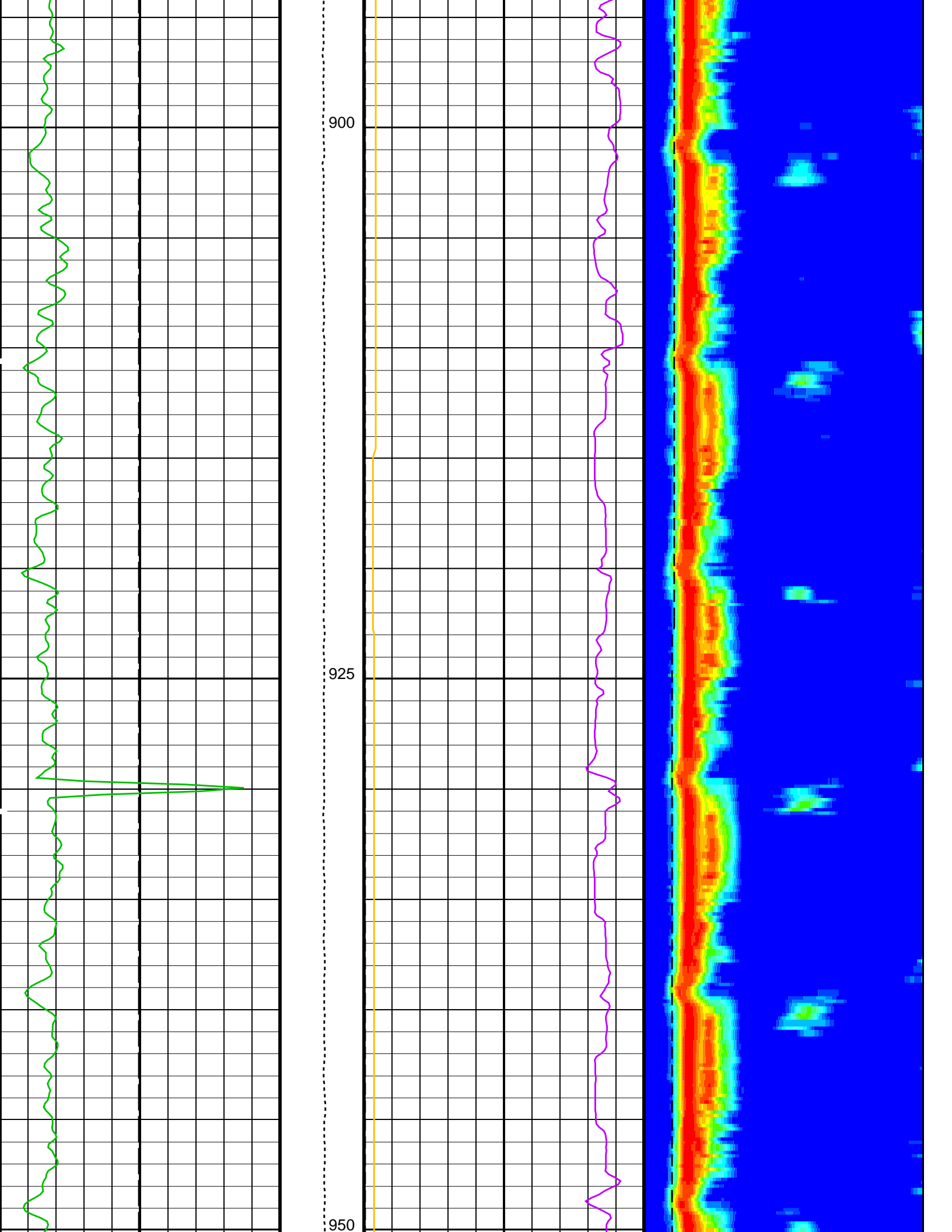


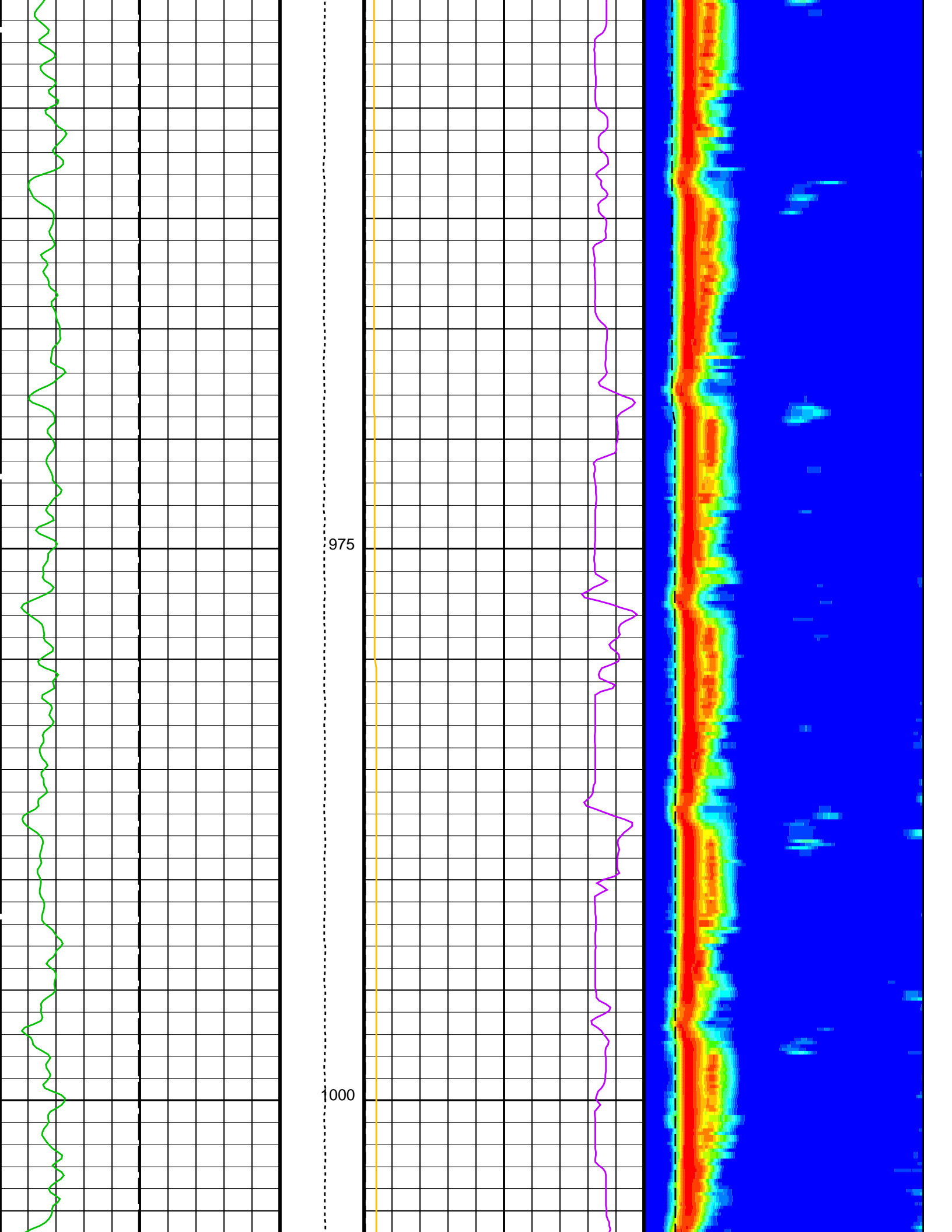


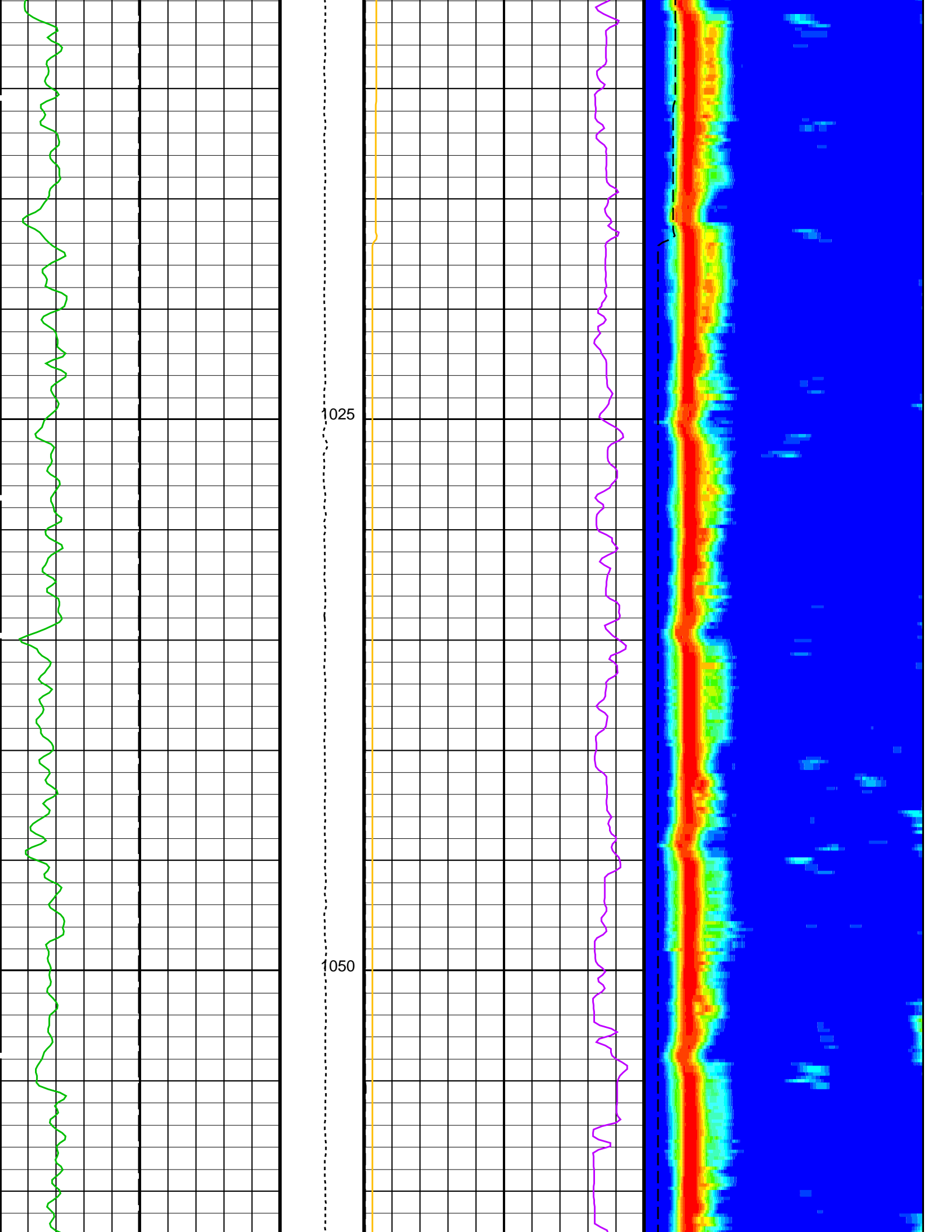
850

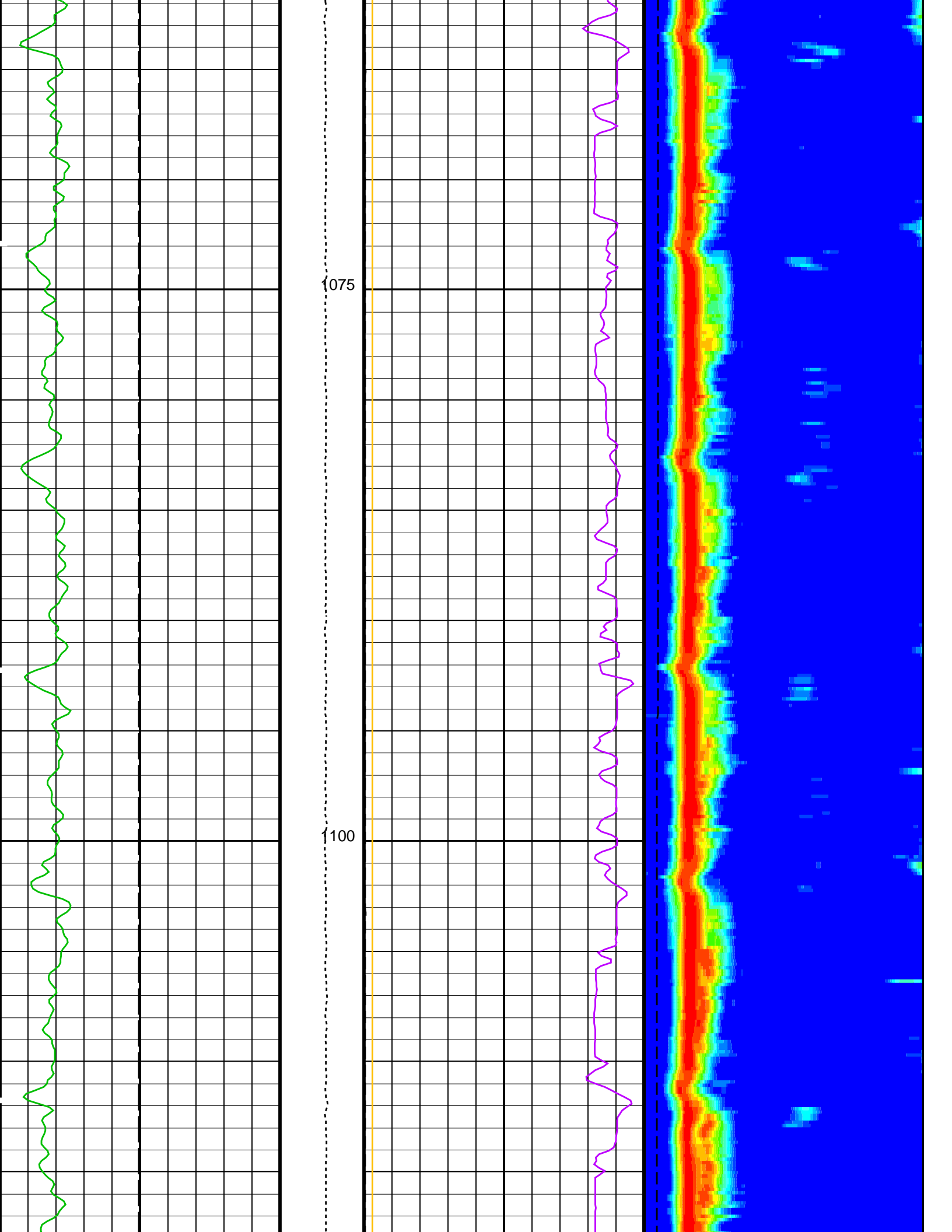
875

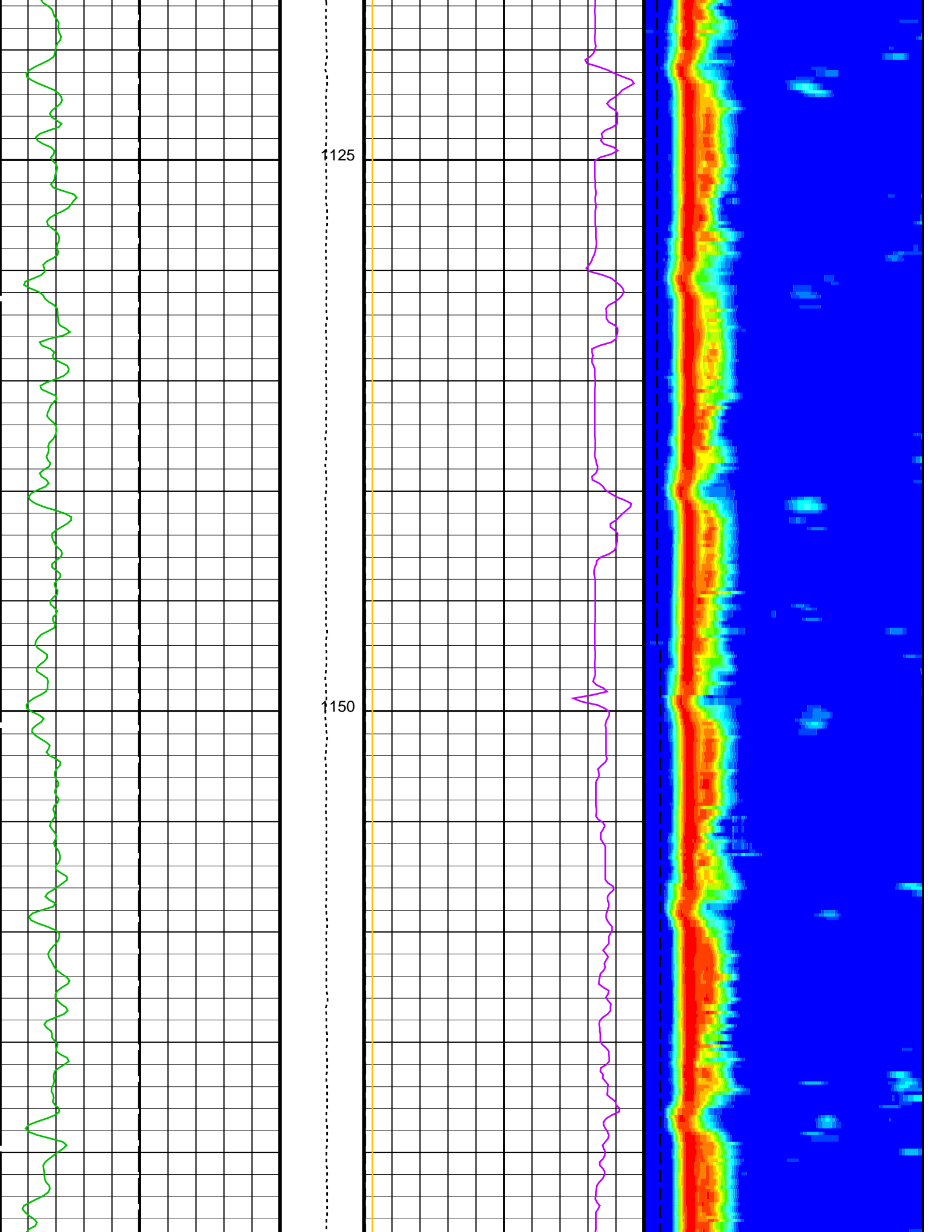


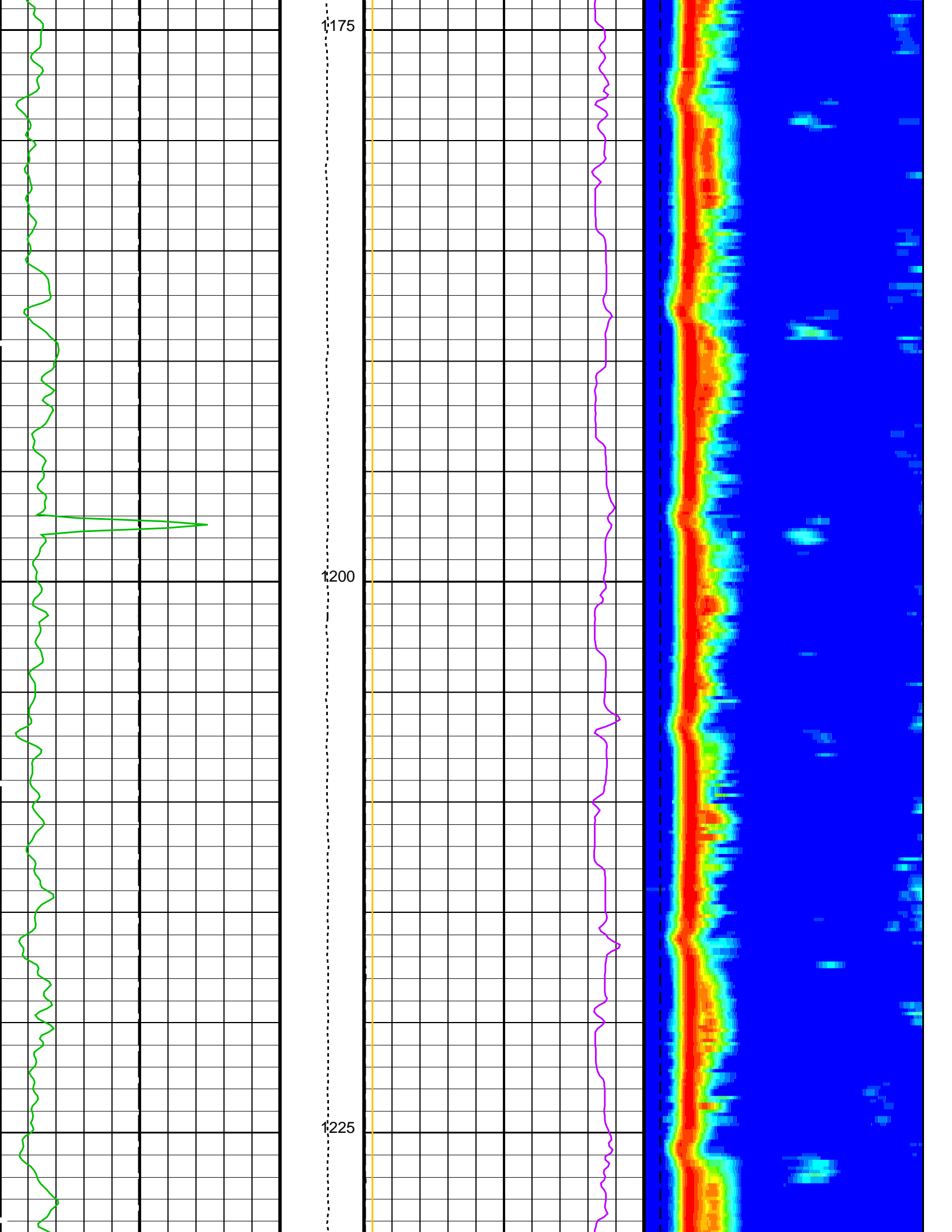


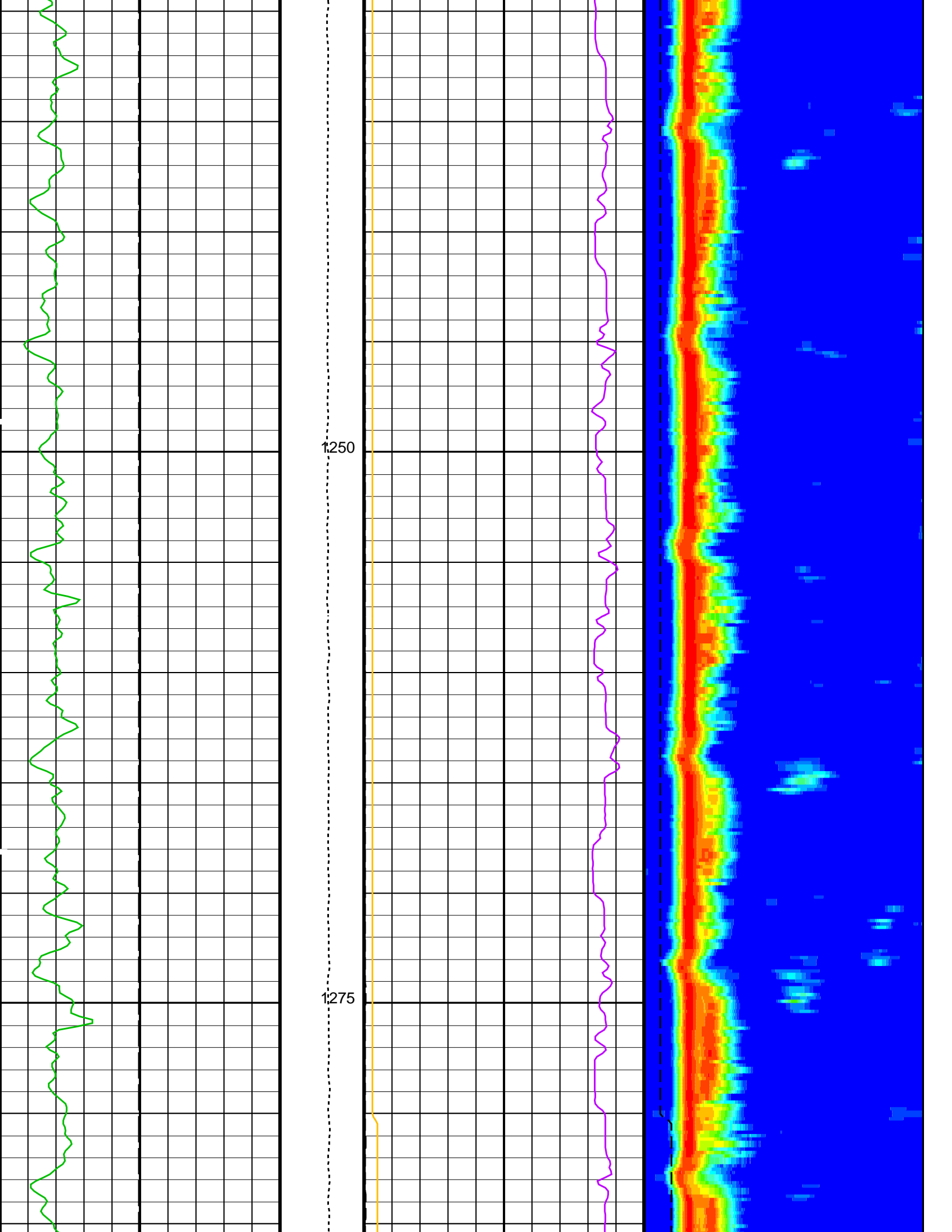


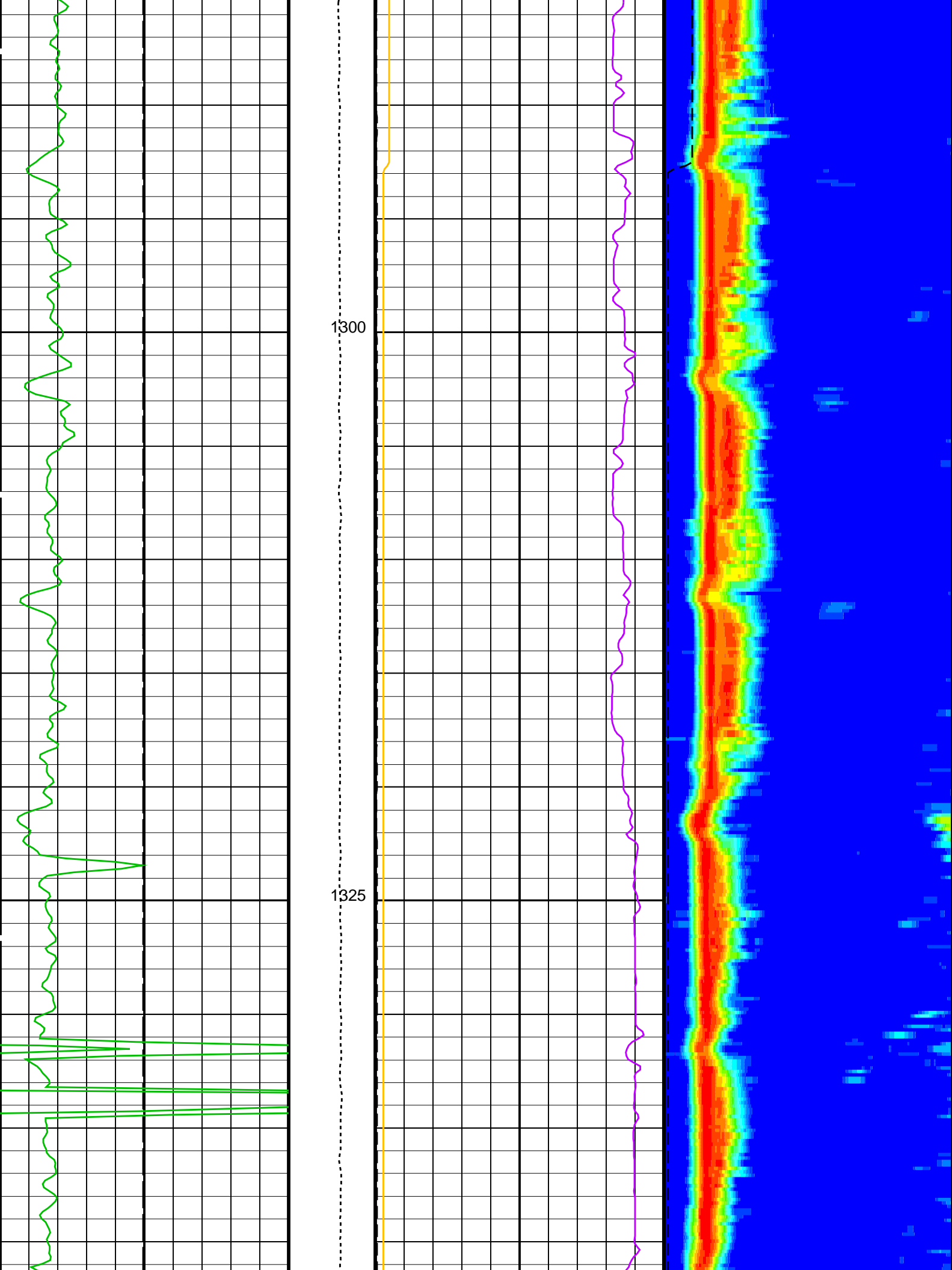


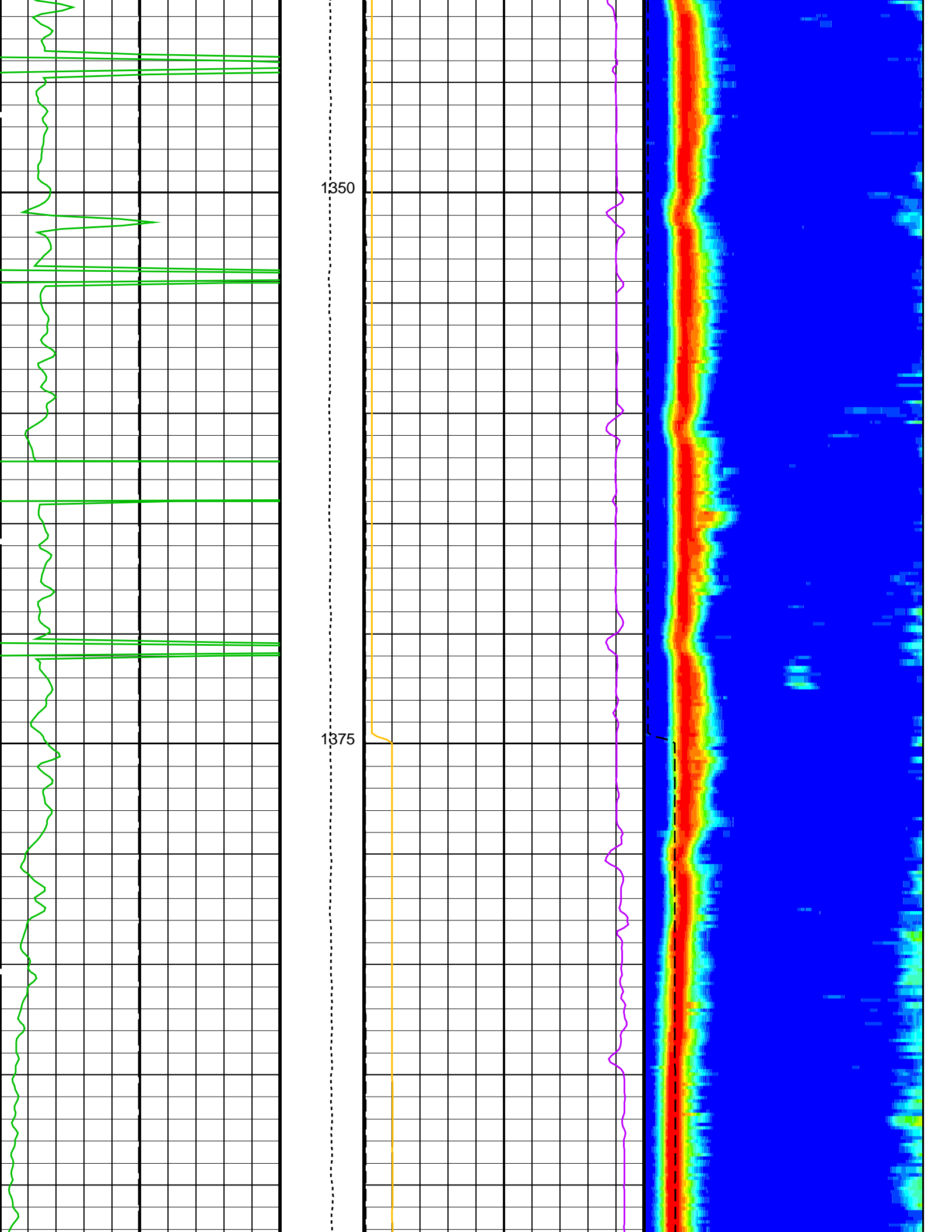


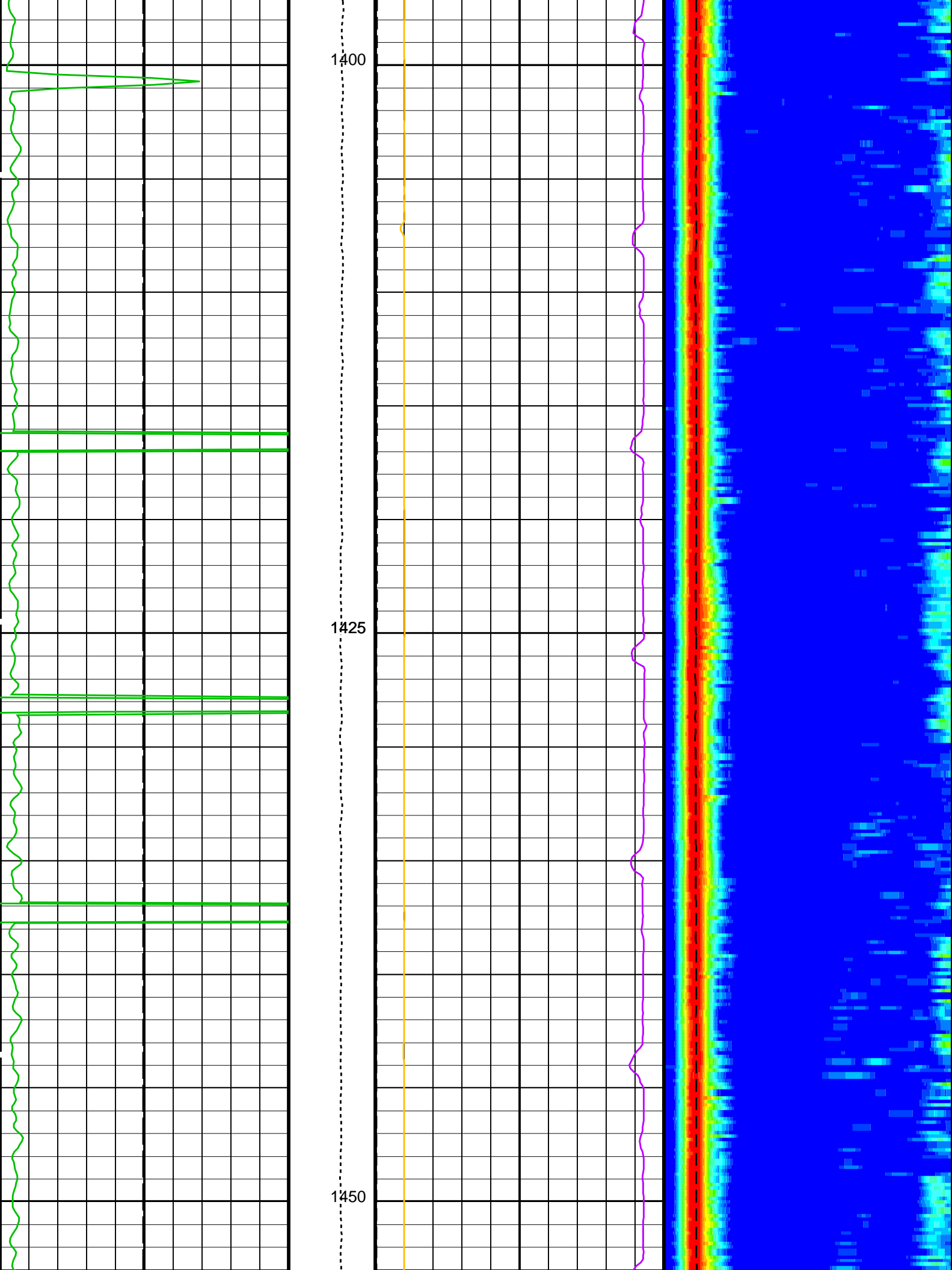


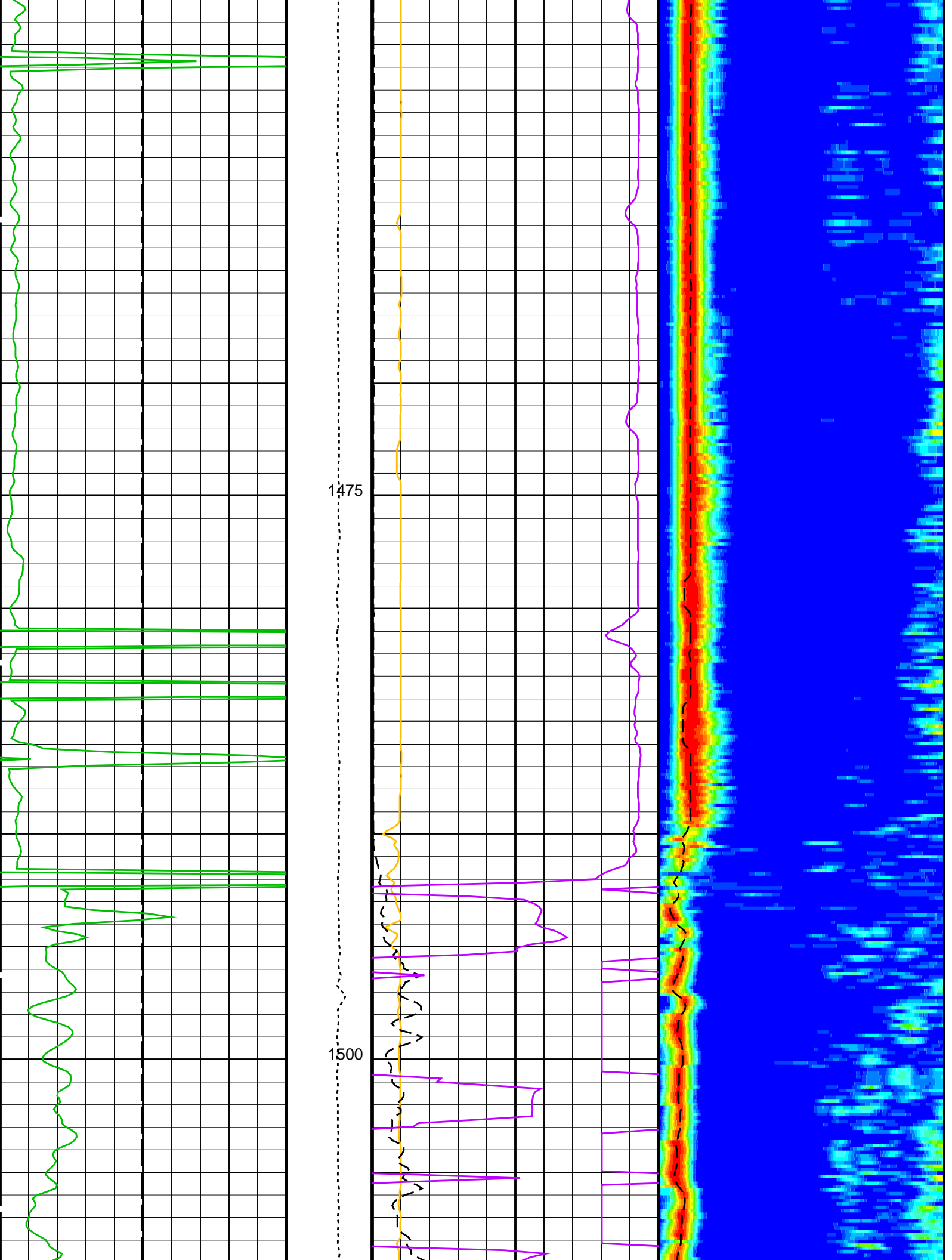


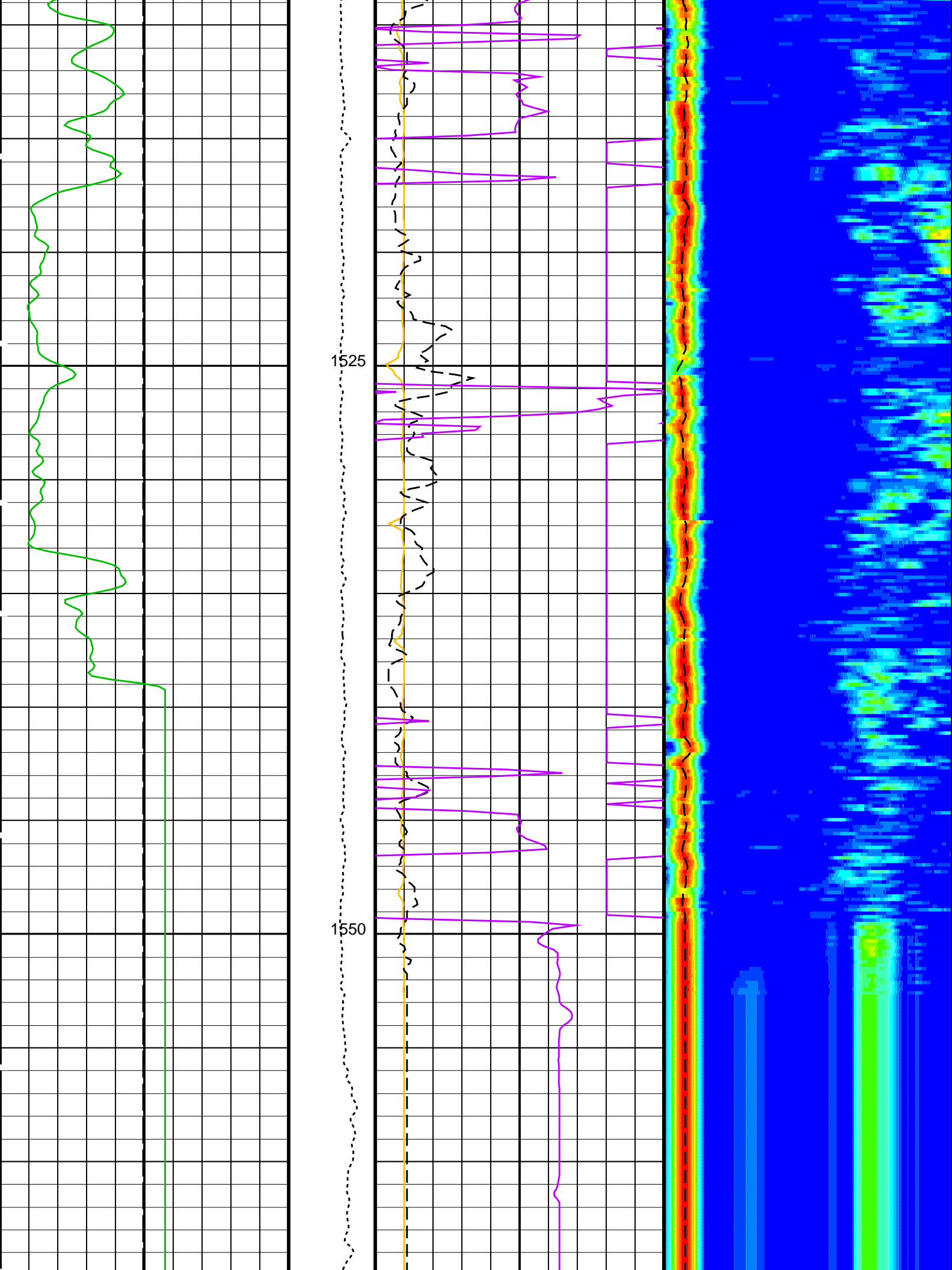


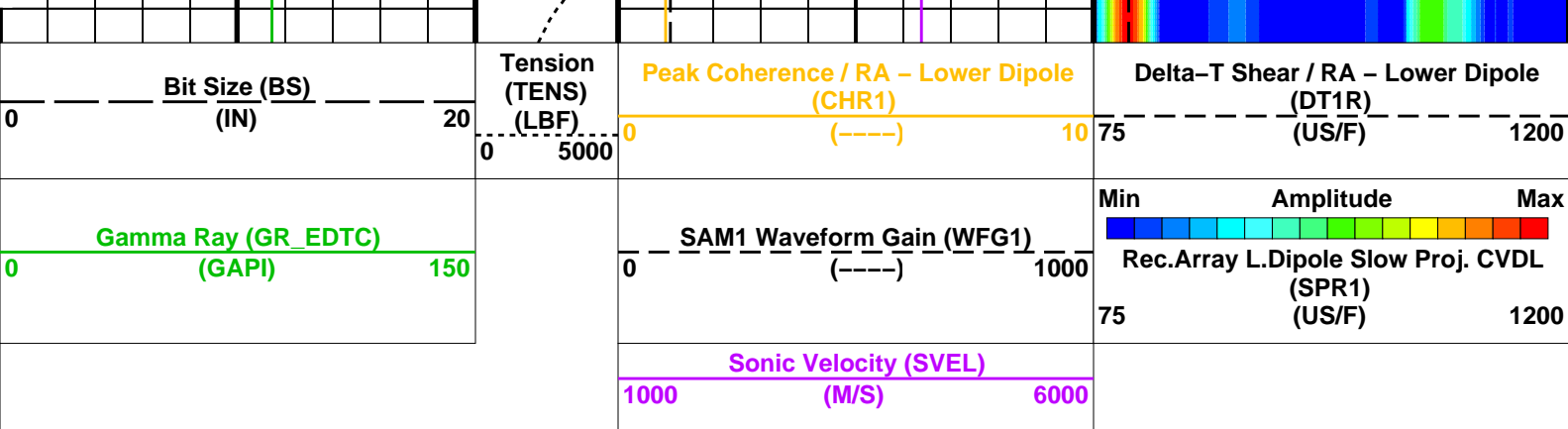












PIP SUMMARY

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
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	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	B1–3K	
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

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 30-Jan-2024 07:52

OP System Version: 19C0-187

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

Output DLIS Files

Company: International Ocean Discovery Program

Well: Expedition 401, Site U1611A

Output DLIS Files

DEFAULTDSI_NGS_023LUPFN:21PRODUCER30-Jan-2024 07:521565.9 M810.8 M

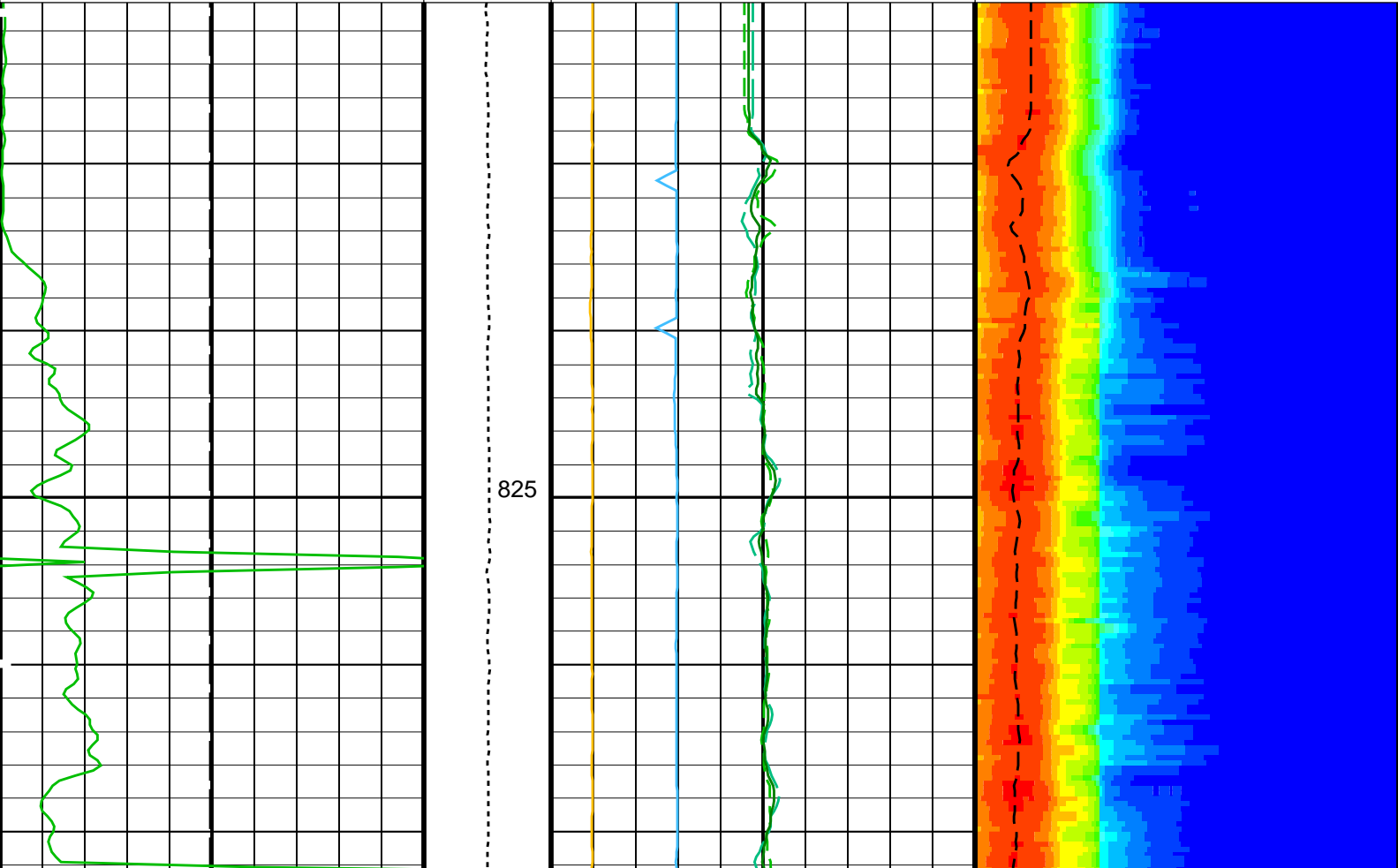
OP System Version: 19C0-187

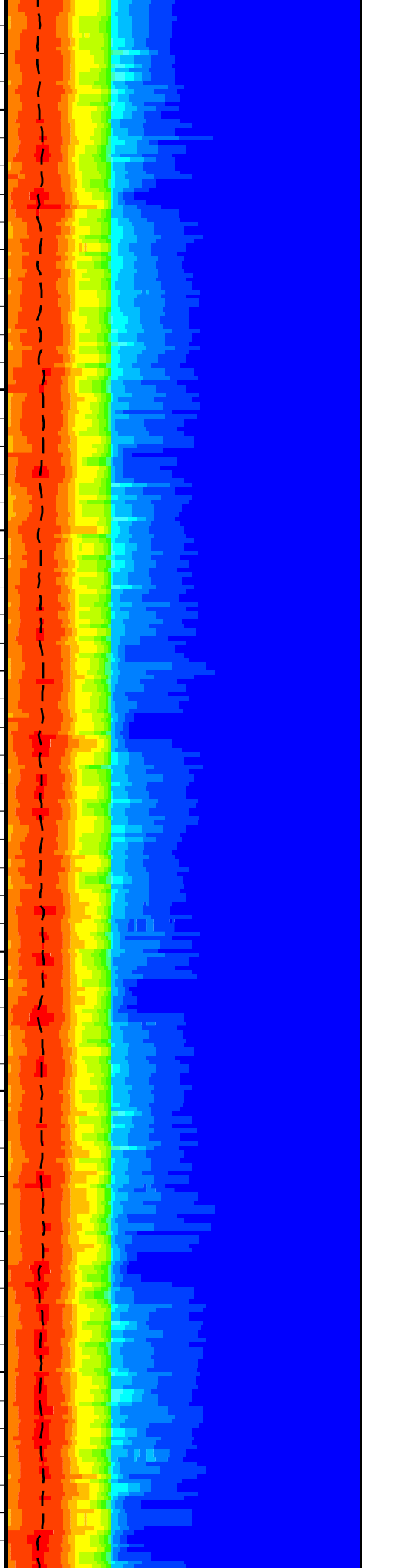
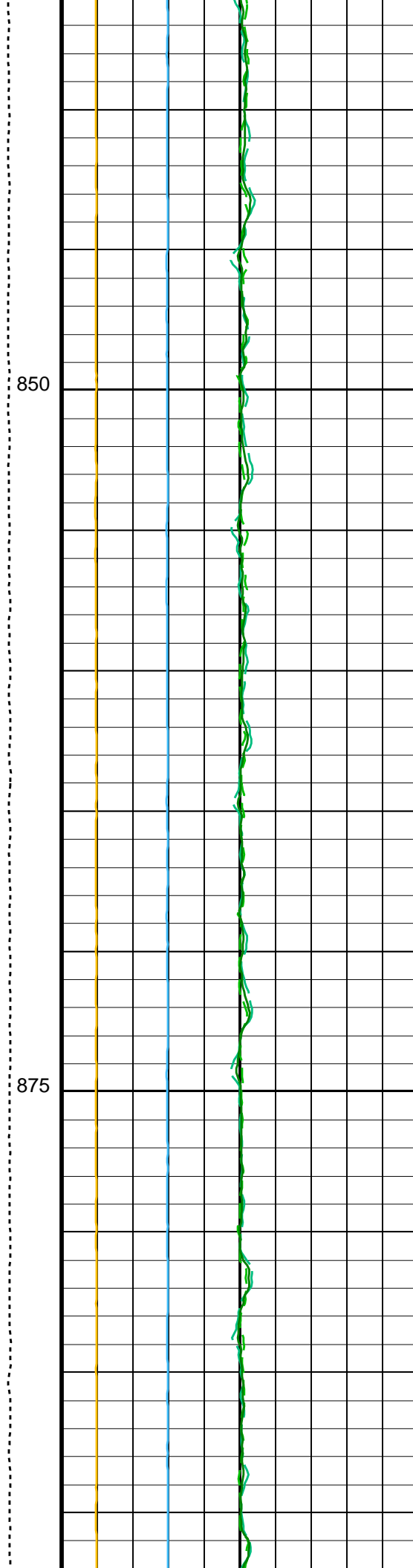
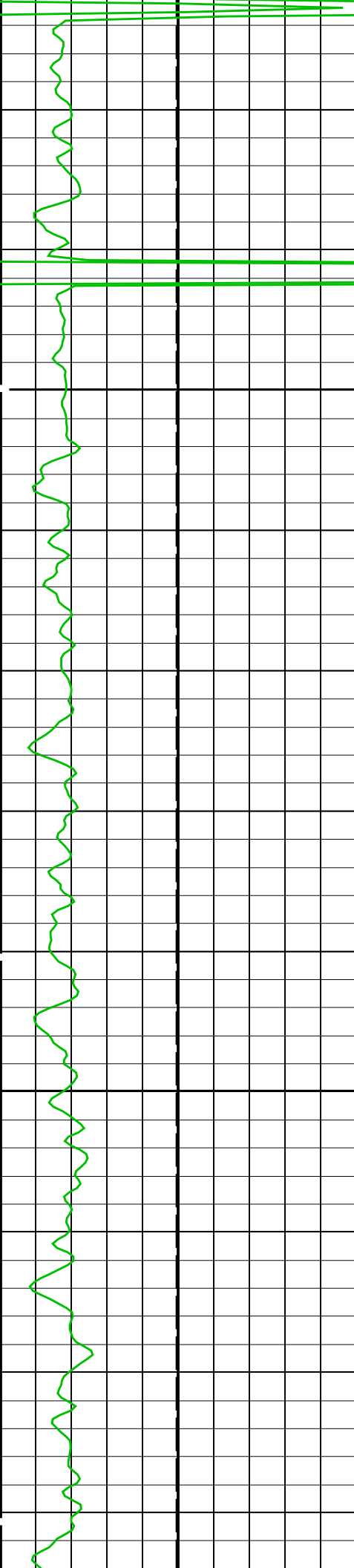
GPIT-A/B19C0-187DTA-A19C0-187
DSST-B19C0-187HNGC-B19C0-187
HNGS-BA19C0-187EDTC-B19C0-187

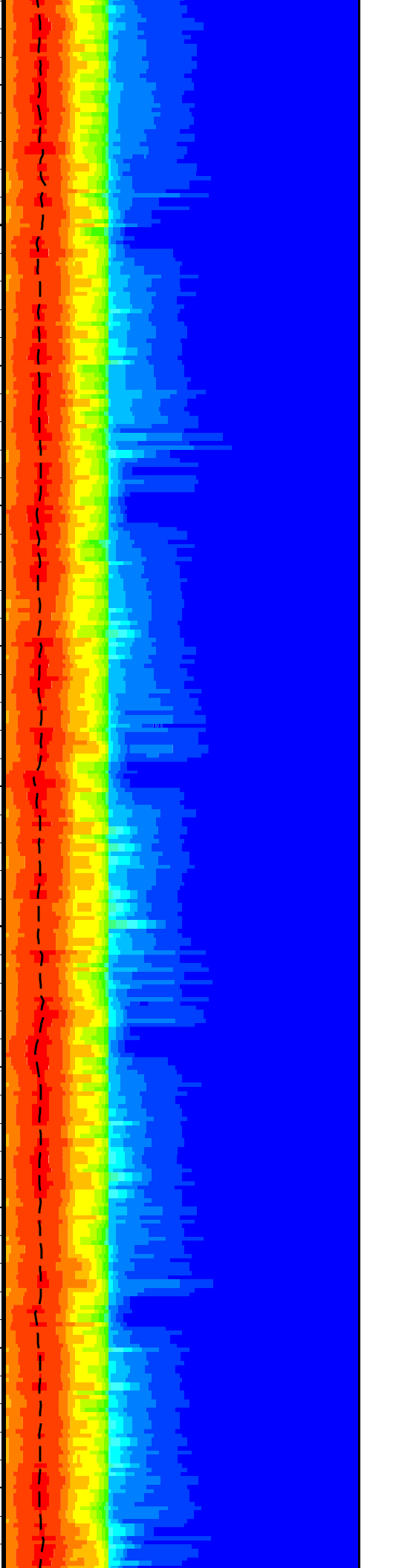
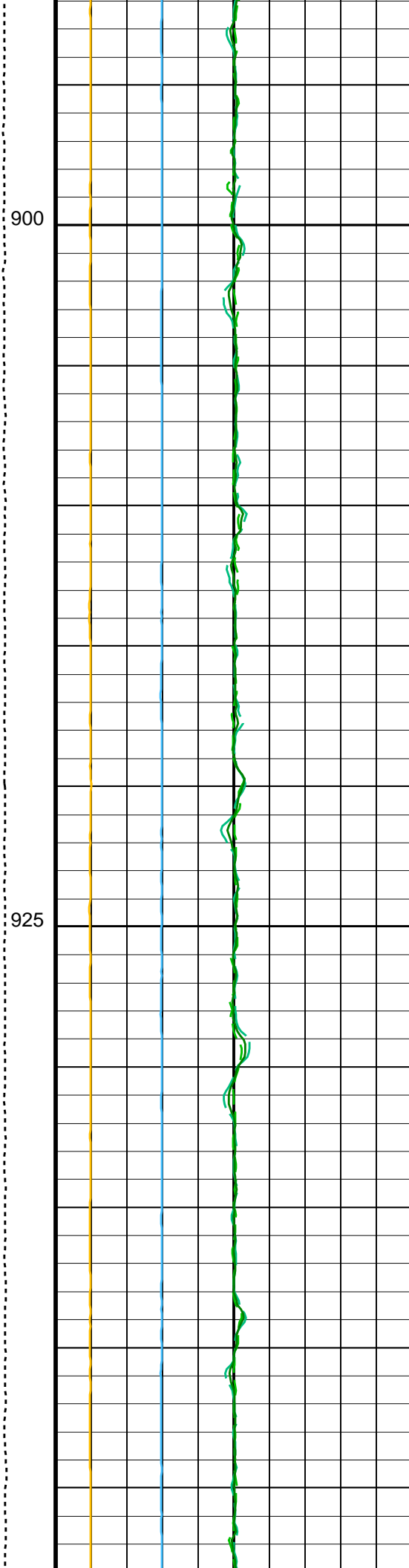
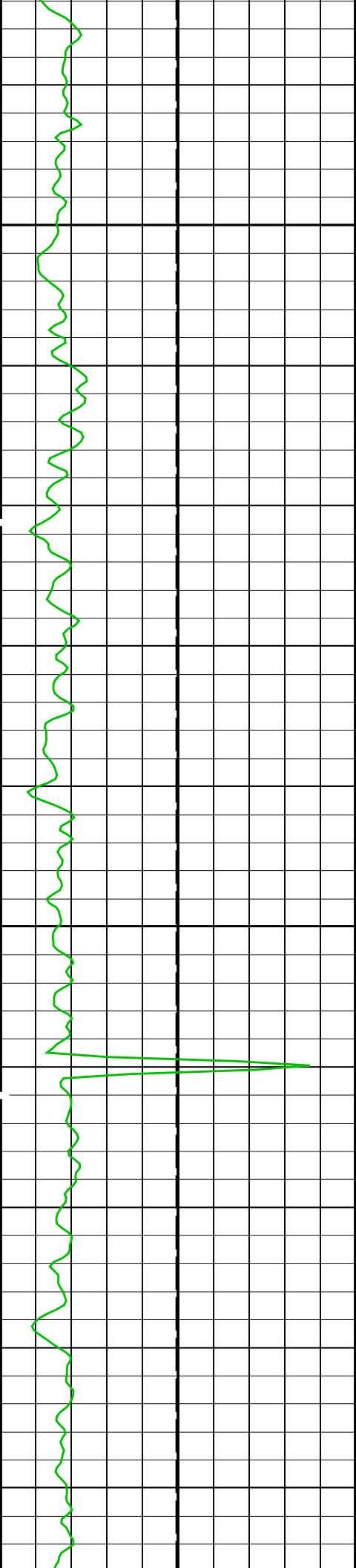
PIP SUMMARY

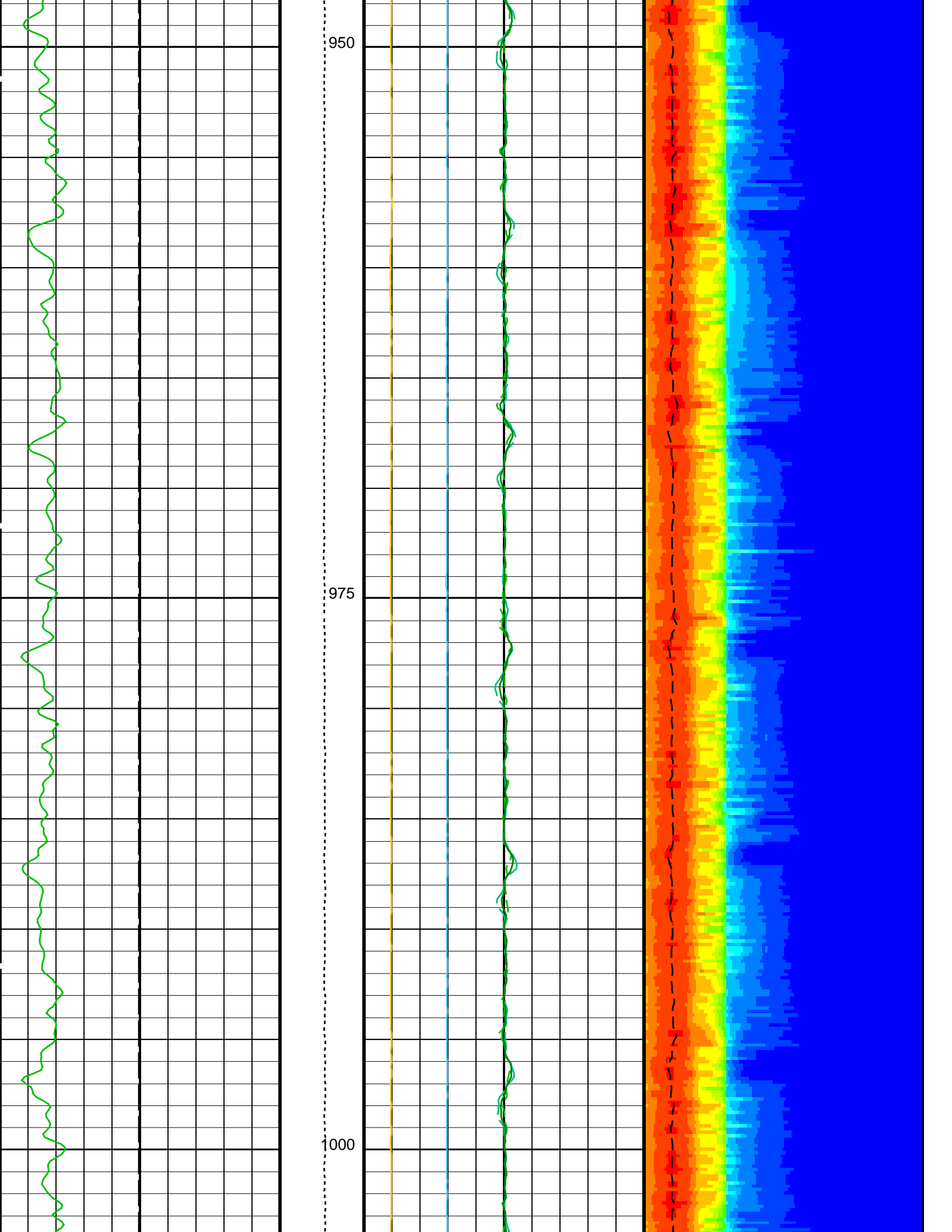
Time Mark Every 60 S

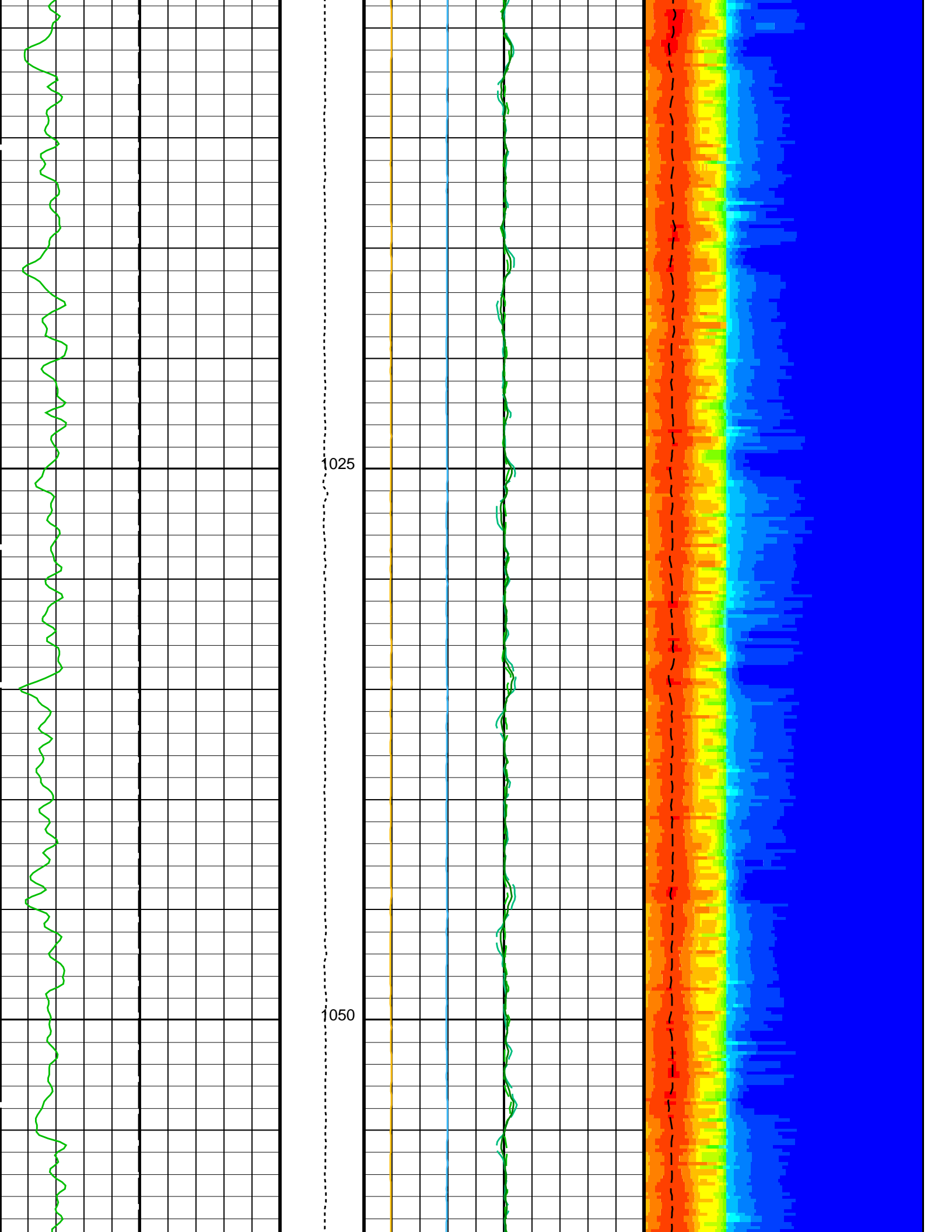
		Delta-T Stoneley (DTST)				
		440	(US/F)			40
		Delta-T Stoneley / TA (DT3T)				
		440	(US/F)			40
		Delta-T Stoneley / RA (DT3R)				
		440	(US/F)			40
Gamma Ray (GR_EDTC)		Peak Coherence / TA – Stoneley (CHT3)		<div>MinAmplitudeMax</div> <div>Rec.Array Stoneley Slow Proj. CVDL</div> <div>(US/F)</div>		
(GAPI)		(----)				
0150		-28		180780		
Bit Size (BS)		Peak Coherence / RA – Stoneley (CHR3)		Delta-T Stoneley / RA (DT3R)		
(IN)		(-----)		(US/F)		
020	Tension (TENS)	010		180780		
	05000					

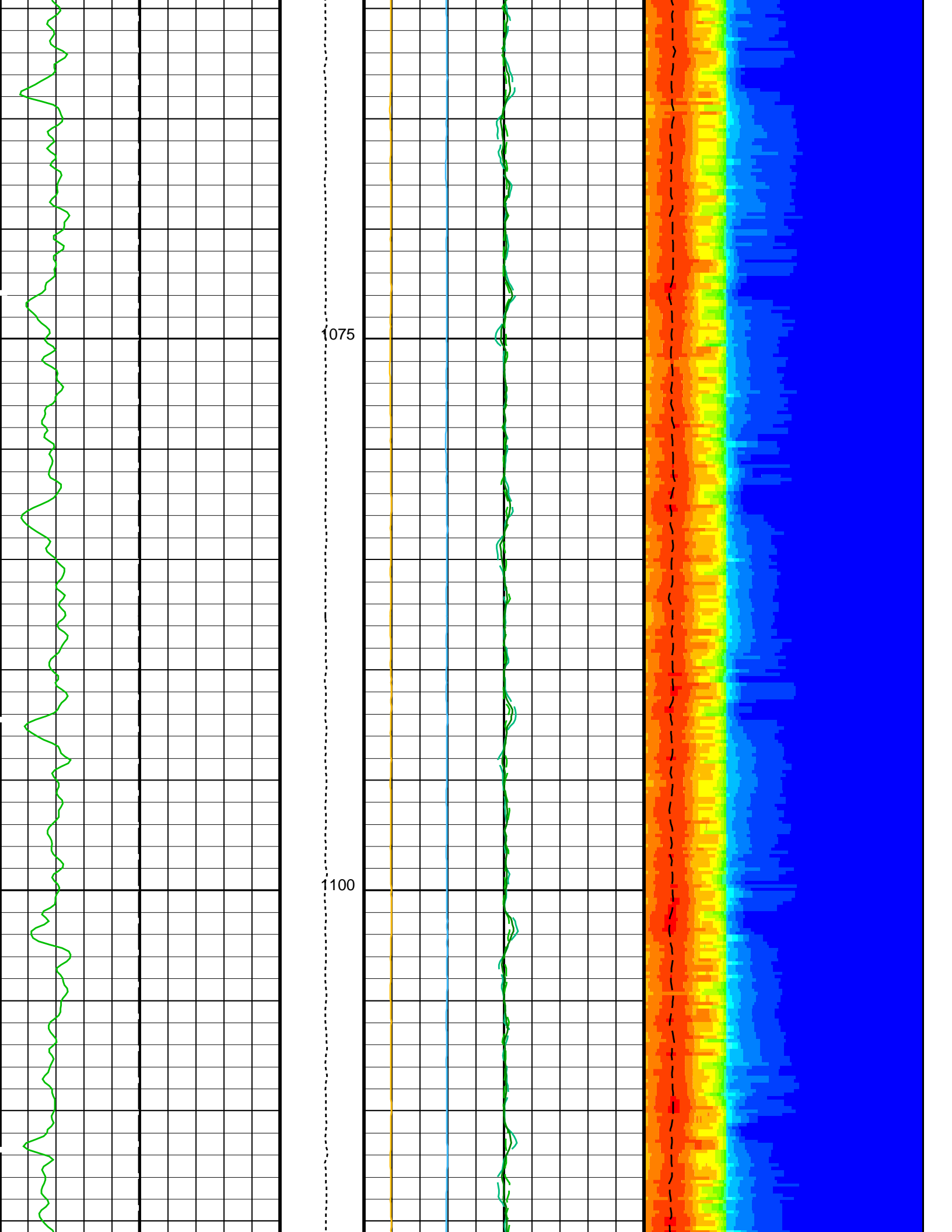


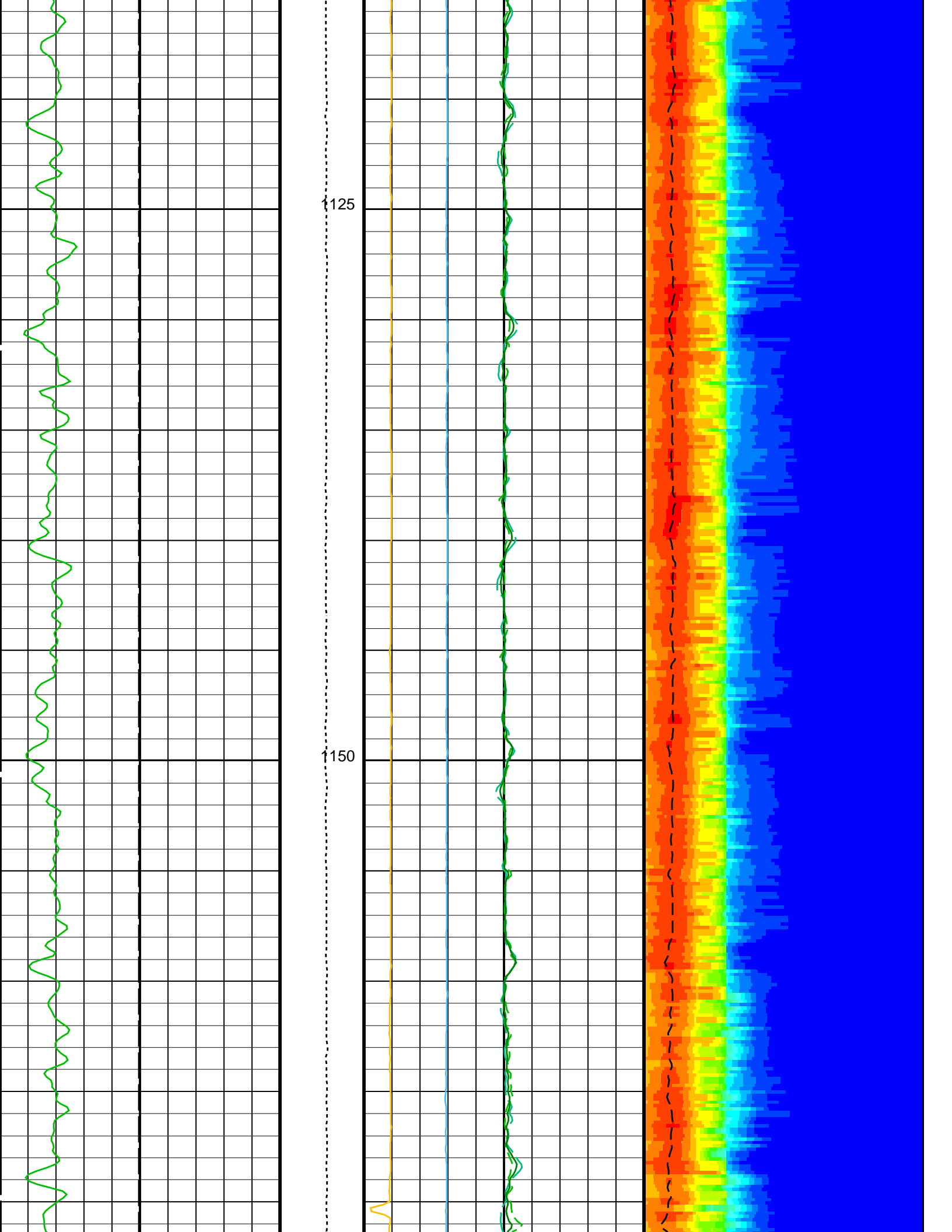


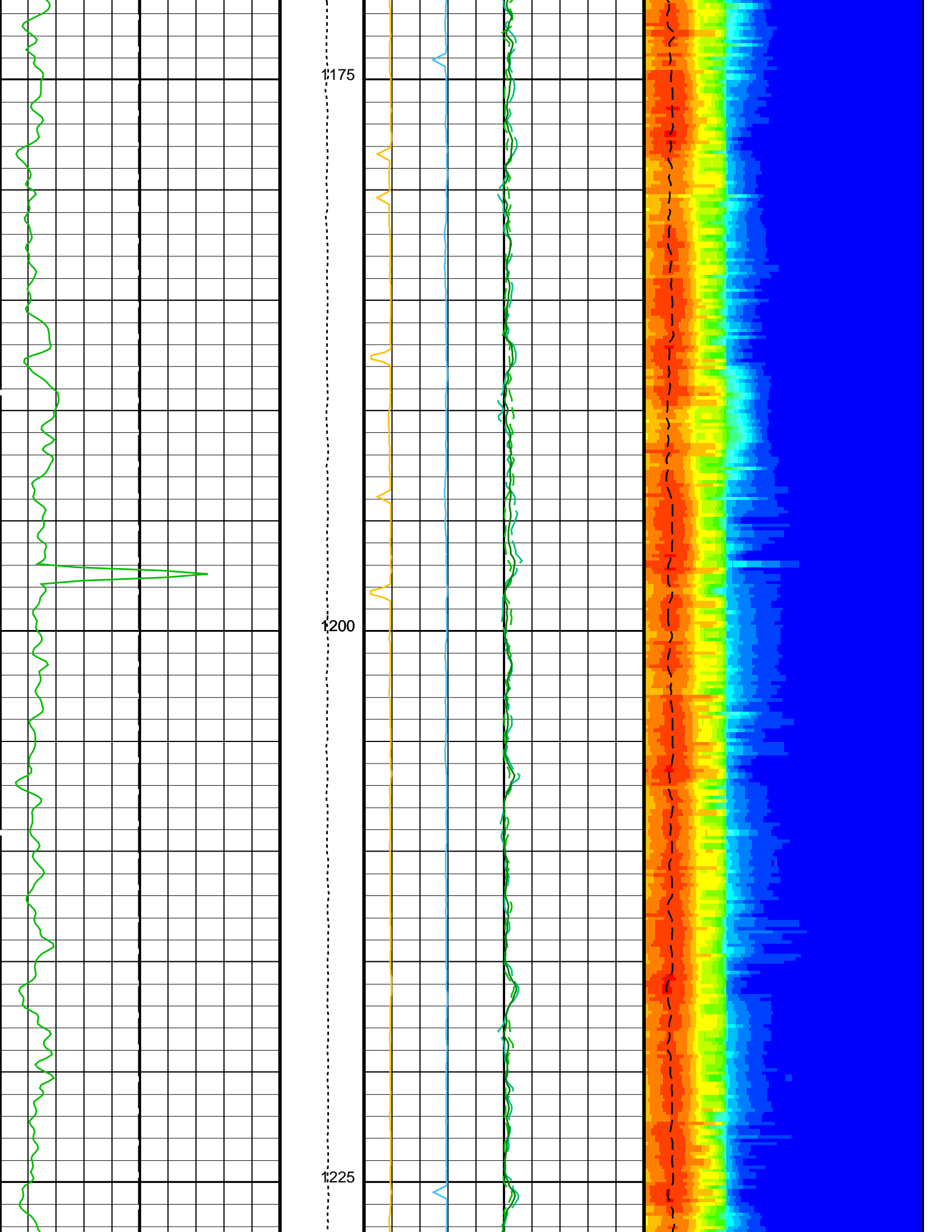


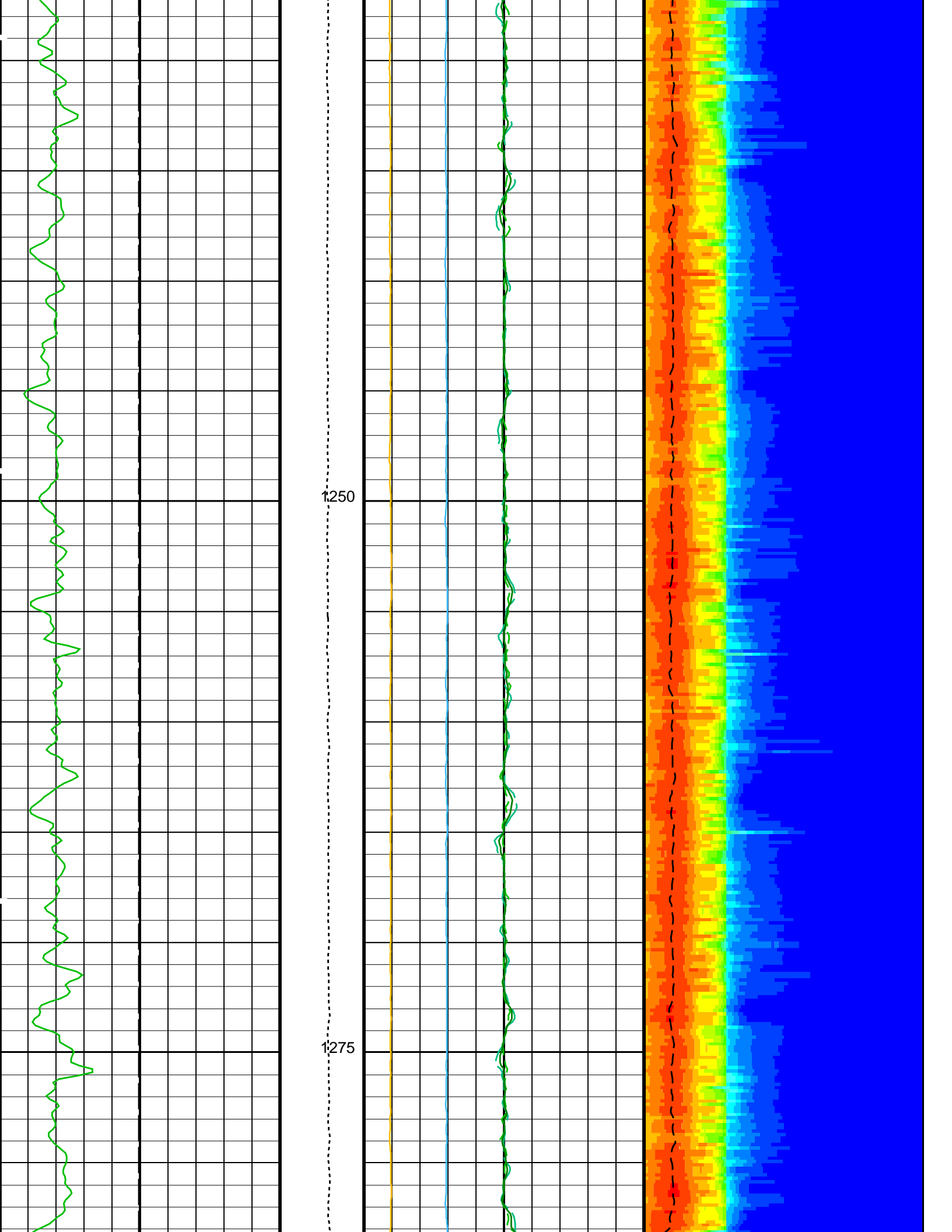


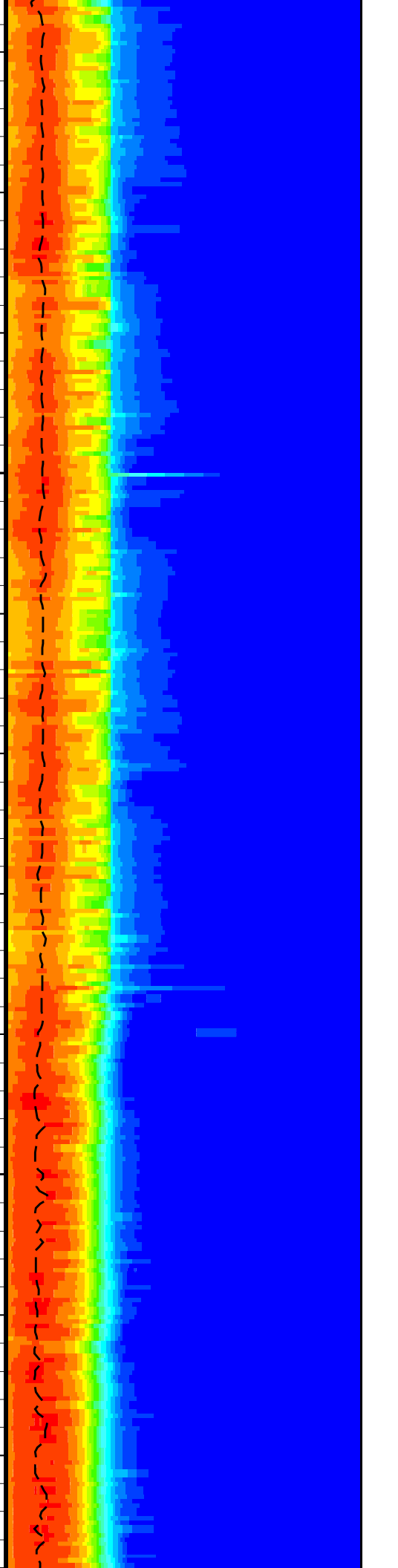
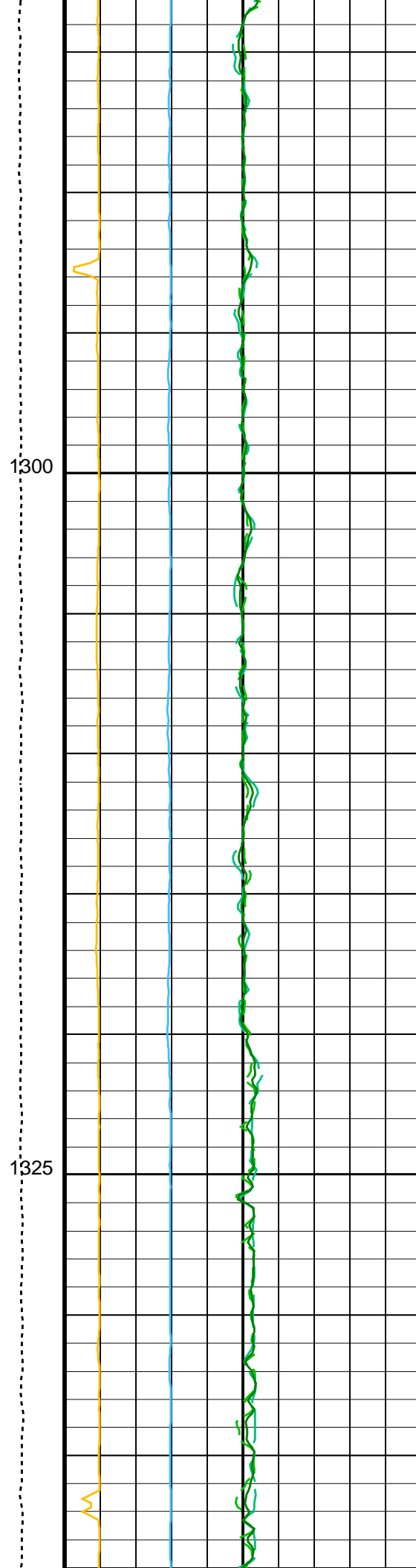
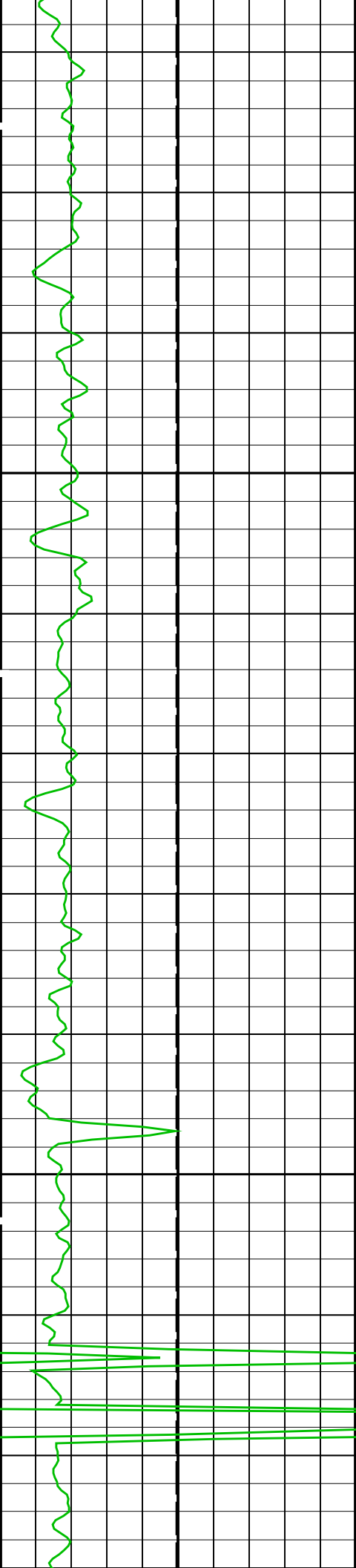


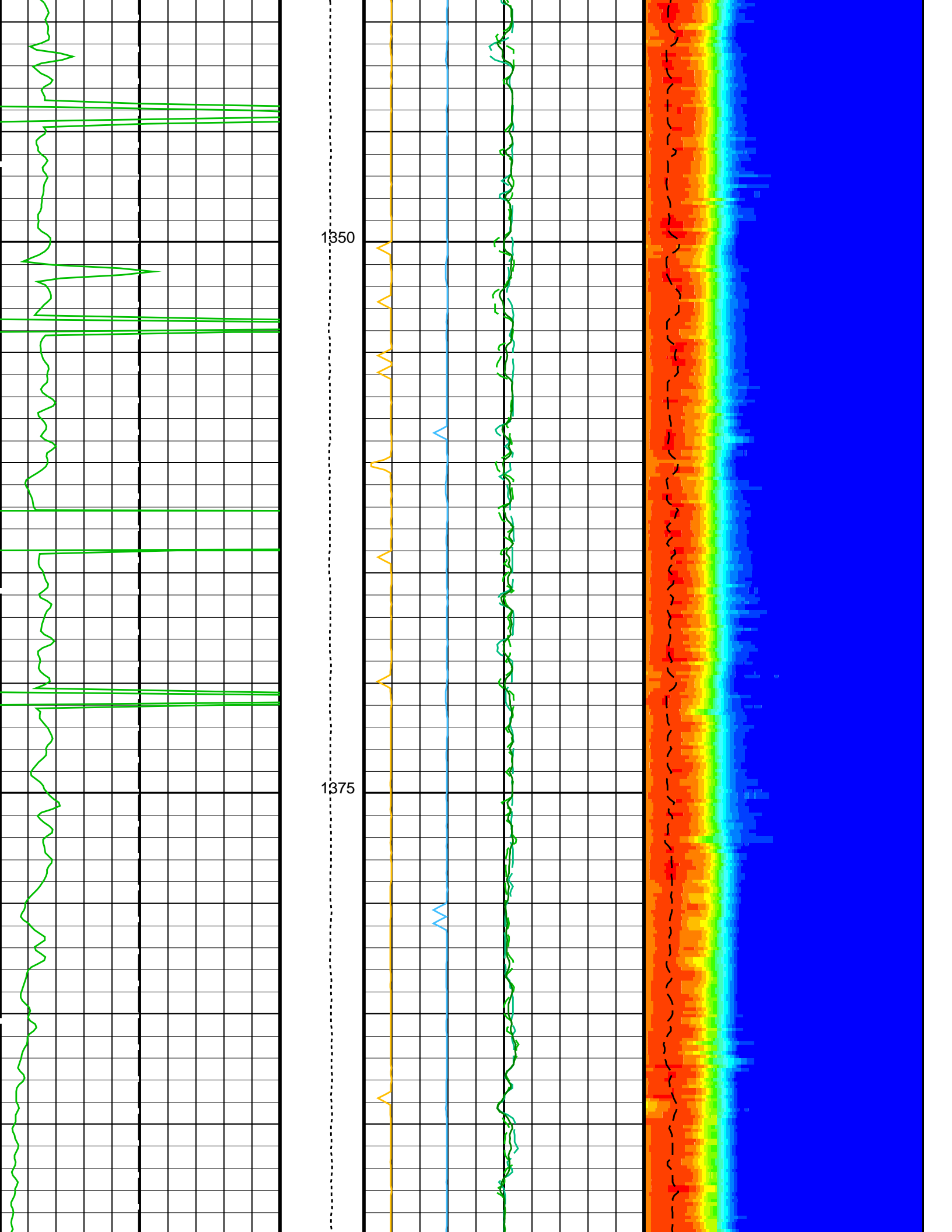


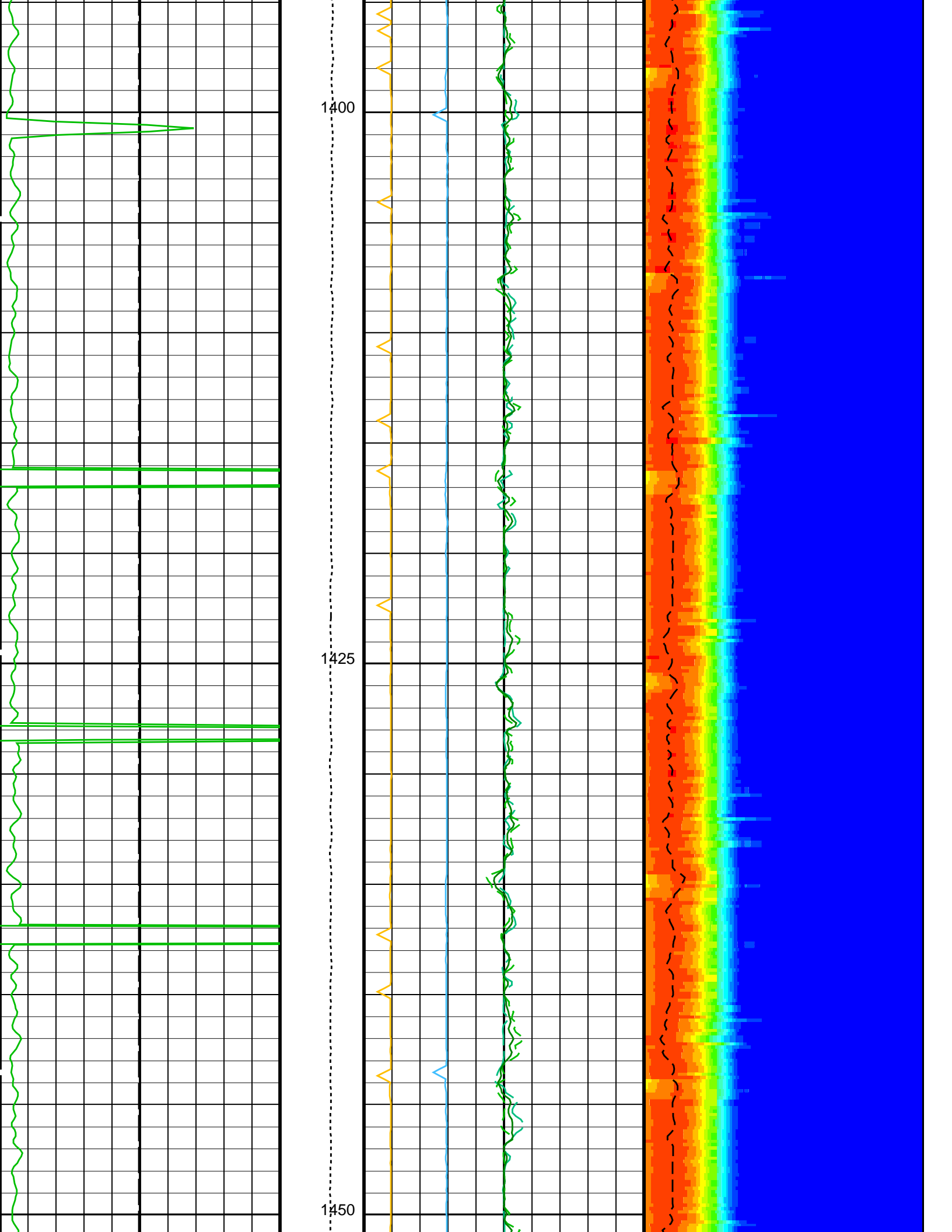


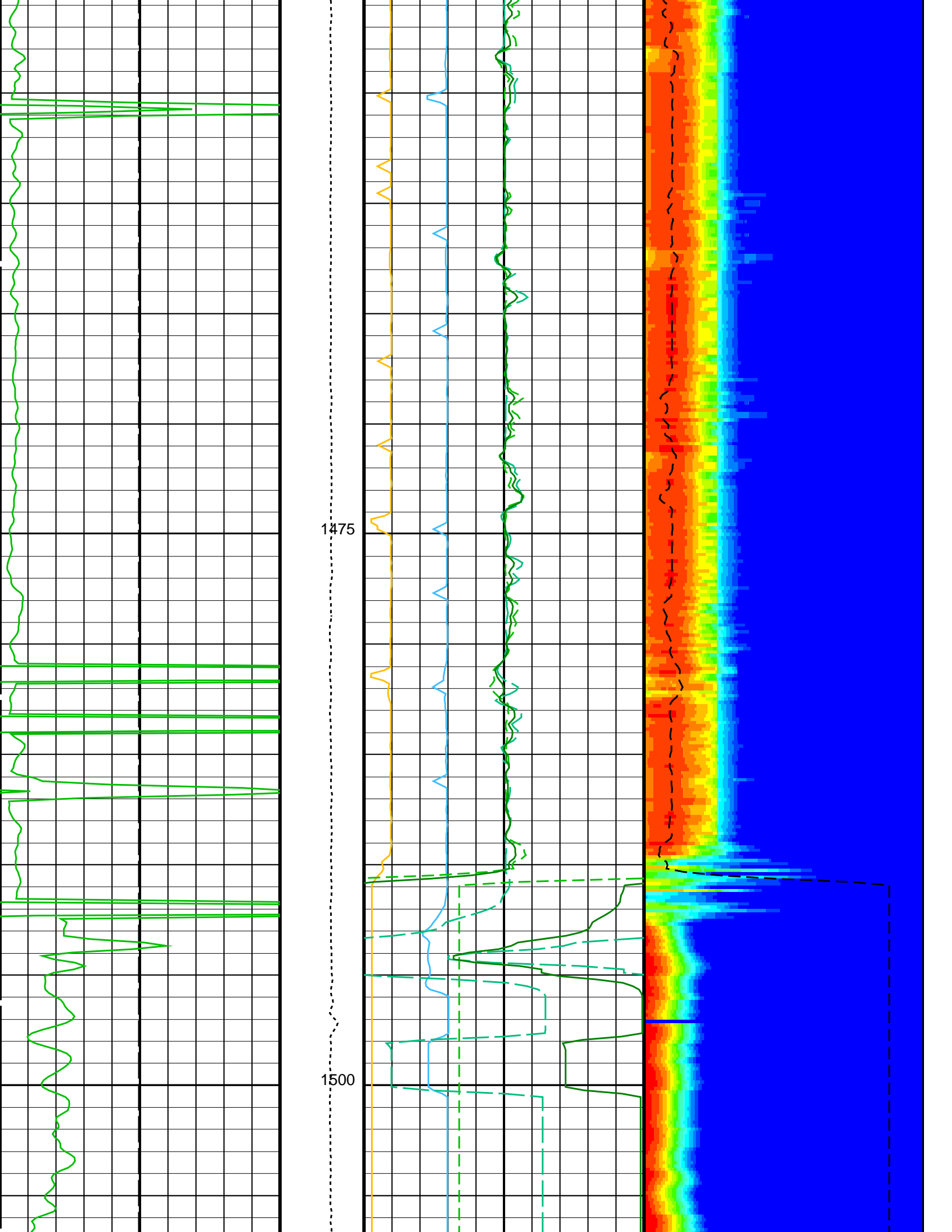


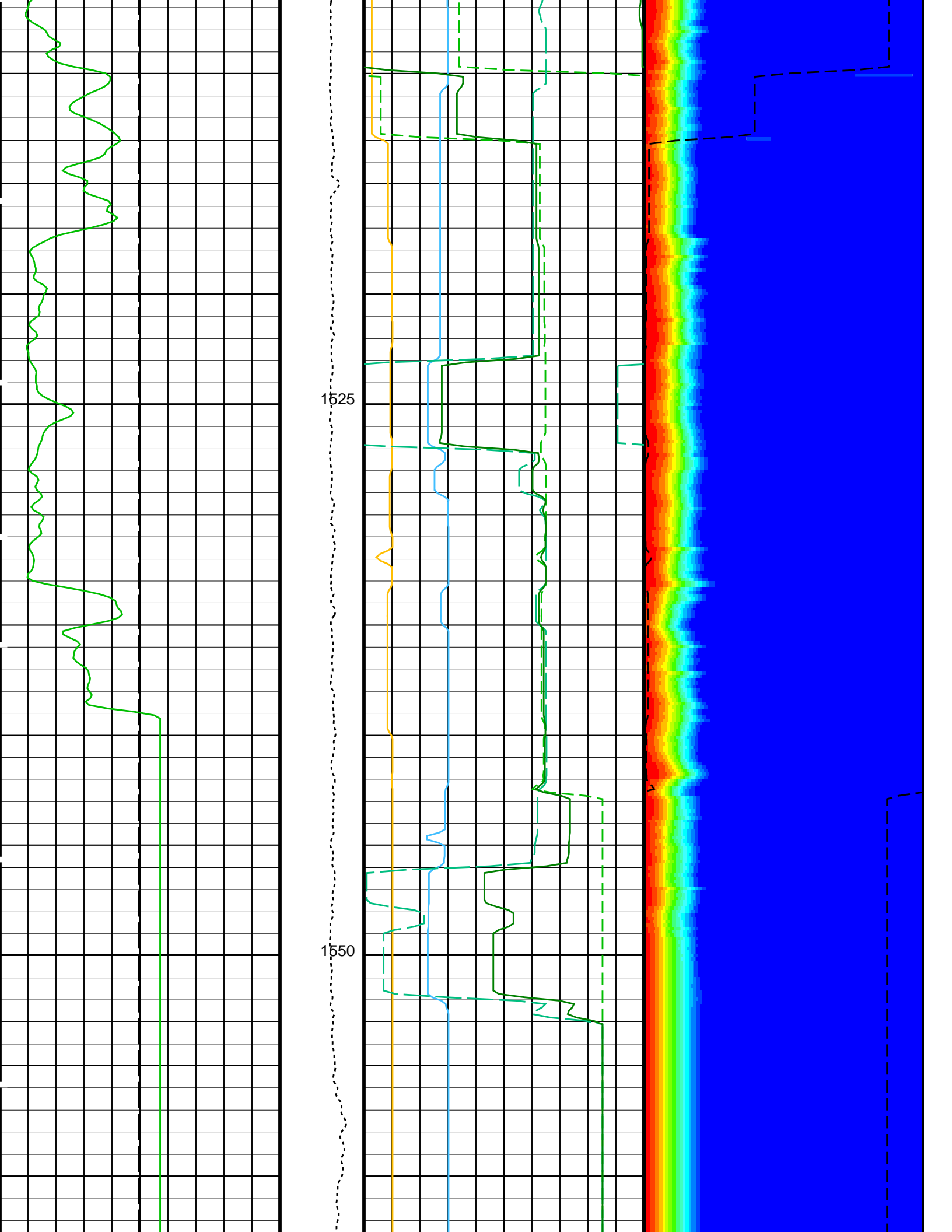


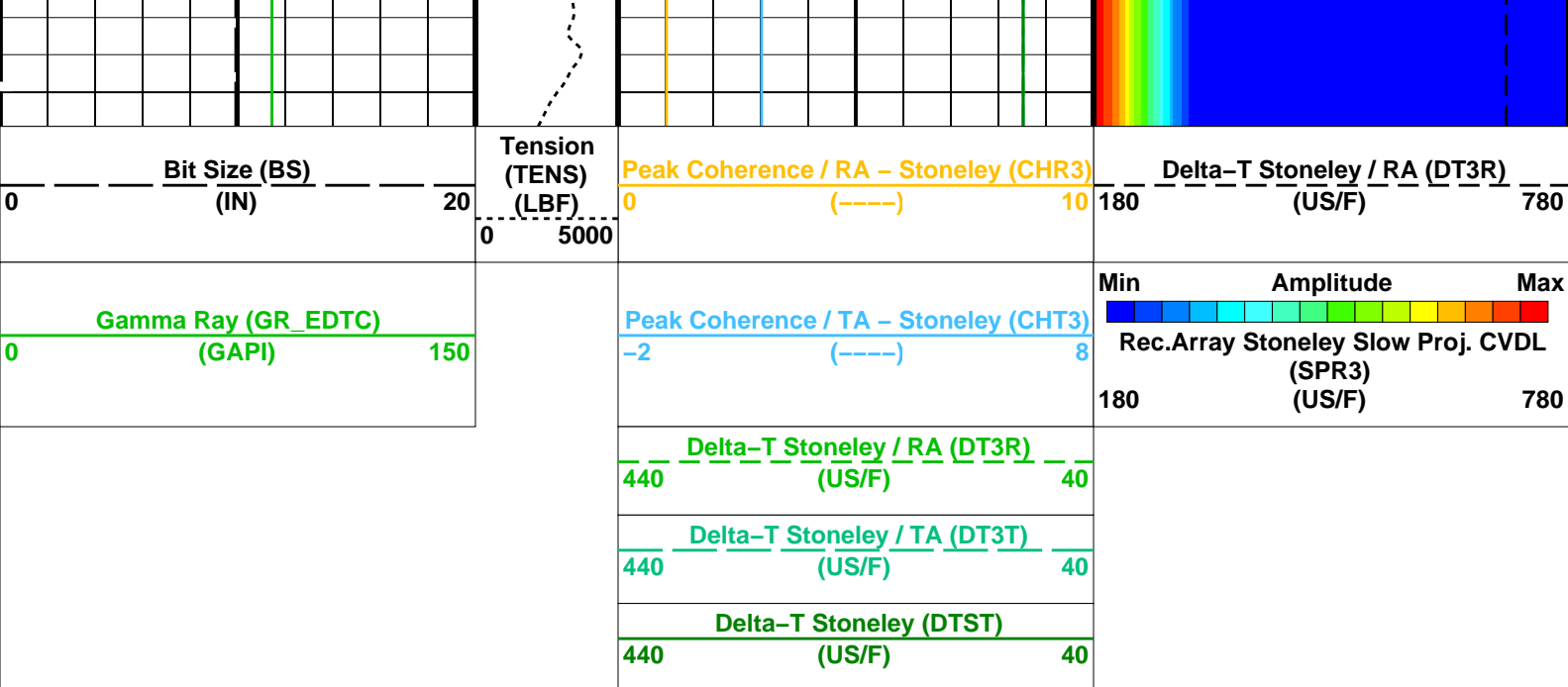












PIP SUMMARY

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

Format: DSST_STONELEY_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 30-Jan-2024 07:52

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

Output DLIS Files			
DEFAULT	DSI_NGS_023LUP	FN:21	PRODUCER 30-Jan-2024 07:52



Callibrations

MAXIS Field Log

Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
General Purpose Inclinator Wellsite Calibration – CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 30-Jan-2024 5:38							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	92	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	10	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	448	N/A	N/A	N/A	
General Purpose Inclinator Wellsite Calibration – CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: 30-Jan-2024 5:38							
TEMPERATURE REFERENCE :	N/A	N/A	19	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	12	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	428	N/A	N/A	N/A	
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check							
Master: Calibration out of date 19-Apr-2023 22:22 Before: Calibration out of date 8-May-2023 17:06							
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: Calibration out of date 19-Apr-2023 22:22 Before: Calibration out of date 8-May-2023 17:06							
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: Calibration out of date 19-Apr-2023 22:22 Before: Calibration out of date 8-May-2023 17:06							
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 11:27							
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: Calibration out of date 8-May-2023 16:48							
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

General Purpose Inclinator / Equipment Identification

Primary Equipment:
GPIT Cartridge – A

Auxiliary Equipment:
GPIT Housing

GPIC – A

GPIH – A

Hostile Natural Gamma Ray Cartridge – B / Equipment Identification

Primary Equipment:
HNGC Cartridge

Auxiliary Equipment:
HNGC Housing

HNGC – B 300

HNGH – A 115

Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:
HNGS Sonde

Auxiliary Equipment:
HNGS Sonde Housing
Gamma Source Radioactive

HNGS – BA 177

HNSH – BA 174
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	<div><div></div></div>		38.56	Master	<div><div></div></div>		16.82	Master	<div><div></div></div>		1206	
Before	<div><div></div></div>		38.74	Before	<div><div></div></div>		15.90	Before	<div><div></div></div>		1209	
37.50 (Minimum)			40.00 (Nominal)	12.00 (Minimum)			15.50 (Nominal)	900.0 (Minimum)			1150 (Nominal)	1600 (Maximum)
43.50 (Maximum)				19.00 (Maximum)				1600 (Maximum)				
Phase	Na 1785 Peak Loc		Value	Phase	Na 1785 Peak Res %		Value	Phase	Temperature DEGC		Value	
Master	<div><div></div></div>		139.2	Master	<div><div></div></div>		9.087	Master	<div><div></div></div>		26.64	
Before	<div><div></div></div>		139.2	Before	<div><div></div></div>		8.708	Before	<div><div></div></div>		27.44	
135.0 (Minimum)			142.6 (Nominal)	7.000 (Minimum)			8.500 (Nominal)	-28.89 (Minimum)			15.50 (Nominal)	60.00 (Maximum)
150.3 (Maximum)				11.00 (Maximum)				60.00 (Maximum)				
Phase	Na Count Rate CPS		Value									
Master	<div><div></div></div>		47.40									
Before	<div><div></div></div>		47.39									
10.00 (Minimum)			45.00 (Nominal)									100.0 (Maximum)
Master: Calibration out of date 19-Apr-2023 22:22 Before: Calibration out of date 8-May-2023 17:06												

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: Calibration out of date 19-Apr-2023 22:22 Before: Calibration out of date 8-May-2023 17:06		

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
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: Calibration out of date 19-Apr-2023 22:22		
Before: Calibration out of date 8-May-2023 17:06		

Enhanced DTS Cartridge / Equipment Identification			
Primary Equipment:			
EDTC Gamma Ray Detector	EDTG – A/B	79159	
Enhanced DTS Cartridge	EDTC – B	8081	
Auxiliary Equipment:			
EDTC Housing	EDTH – B	8226	

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 11:27		

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: Calibration out of date 8-May-2023 16:48											

Company: **International Ocean Discovery Program**

Schlumberger

Well: **Expedition 401, Site U1611A**

Field: **Mediterranean–Atlantic Gateway Exchange**

Rig: **JOIDES Resolution**

Country: **Spain**

HNGS, DSI, GPIT
Gamma, Sonic, Incline