



Company: International Ocean Discovery Program

Well: **Expedition 400, Site U1607A**

Field: **NW Greenland Glaciated Margin**Rig: **JOIDES Resolution** Country: **Greenland**

Rig:	JOIDES Resolution				
	Field:	NW Greenland Glaciated Margin			
		Location:	Latitude: N 74° 29.5499		
			Well:	Expedition 400, Site U1607A	
				Company: International Ocean Discovery Program	
HNGS, HLDS, HRLA, DSI, MSS Gamma, Density, Resistivity, Sonic, Mag					
LOCATION		Latitude: N 74° 29.5499 Longitude: W 60° 34.9900		Elev.: K.B. 0.00 m G.L. –750.00 m D.F. 0.00 m	
		Permanent Datum: Sea Floor Log Measured From: Rig Floor Drilling Measured From: Rig Floor		Elev.: –750.00 m 750.00 m above Perm. Datum	
Ocean: Arctic Ocean		Max. Well Deviation 0 deg		Longitude W 62° 58.8735'	
		Latitude N 72° 59.0506'			






Logging Date			25-Sep-2023					
Run Number			1					
Depth Driller			1728 m					
Schlumberger Depth			1688 m					
Bottom Log Interval			1688 m					
Top Log Interval			730 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	0.455 @ 0	@ 0	@	@	@		
Maximum Recorded Temperatures			0 degC					
Circulation Stopped		Time	24-Sep-2023		18:00			
Logger On Bottom		Time	25-Sep-2023		5:45			
Unit Number		Location	627314 Larose, LA					
Recorded By			K. Garrett					
Witnessed By			B. Rhinehart					

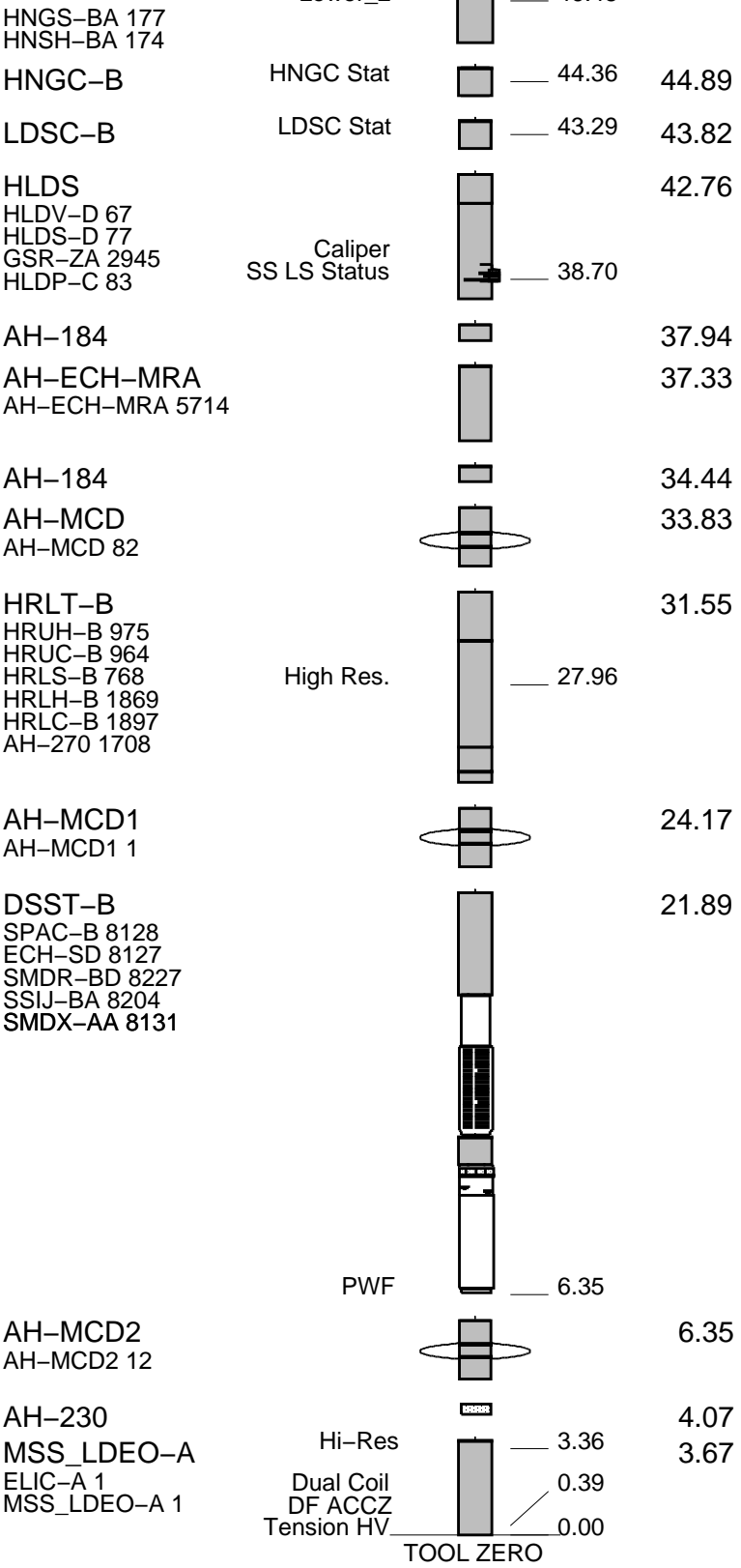
[illegible]

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				
MUD	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.

[illegible]

SURFACE EQUIPMENT				
GSR-U 135 WITM (EDTS)-A				
DOWNHOLE EQUIPMENT				
LEH-QT	MDSB_EDTC		49.37	50.69
	Mud Tempe		48.30	
	CTEM		47.73	49.80
AH-369	Gamma Ray			
EDTC-B	EFTB DIAG			49.37
EDTH-B 8226	TelStatus		47.39	
	EDTCB Ele		46.69	
	Upper_1		46.48	47.39
HNGS-BA	Lower_2			



MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS



Downlog

MAXIS Field Log

Company: International Ocean Discovery Program Well: Expedition 400, Site U1607A

Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_DSI_007LUP	PRODUCER	25-Sep-2023 05:57	1639.1 M	683.5 M

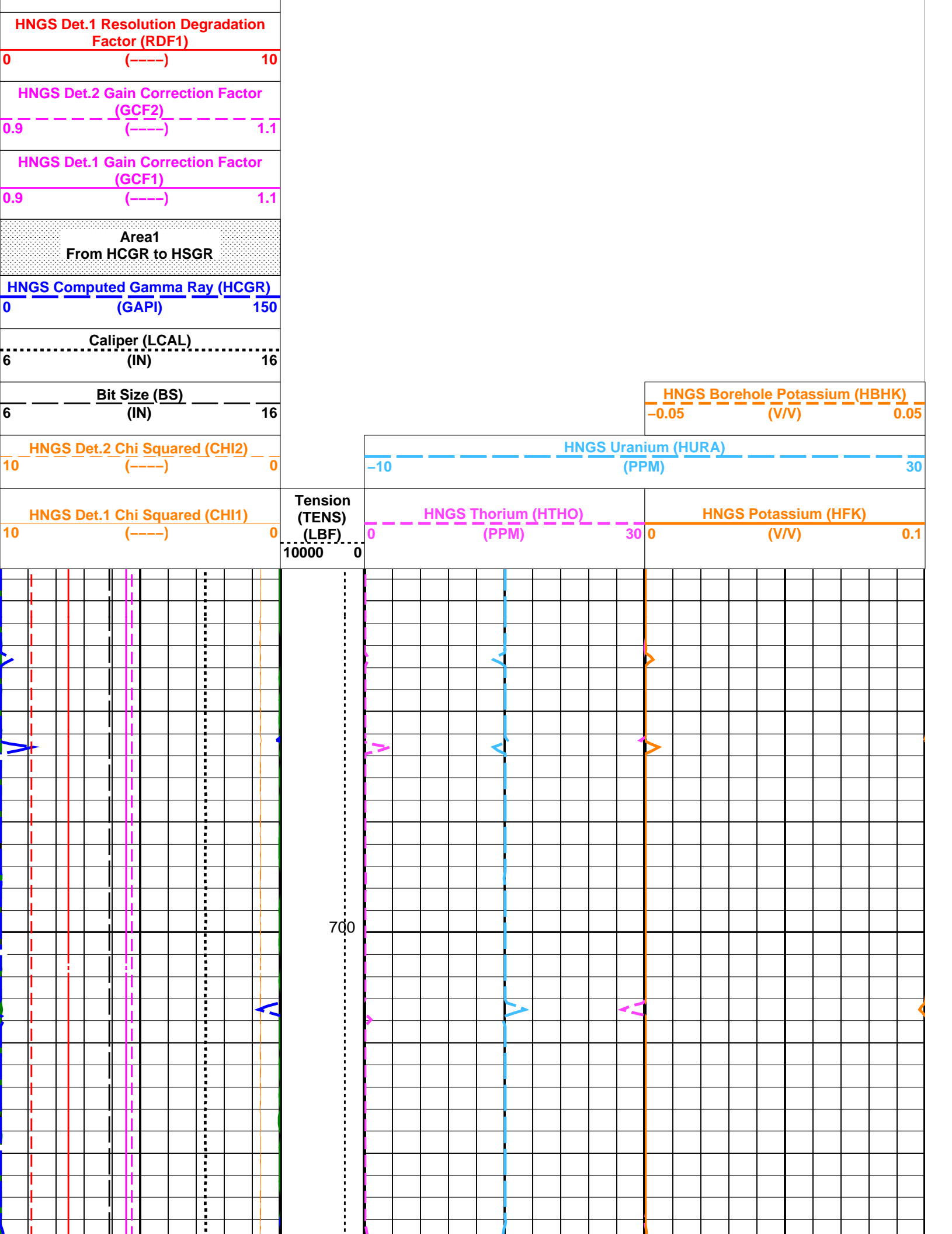
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER	25-Sep-2023 08:25	1641.0 M

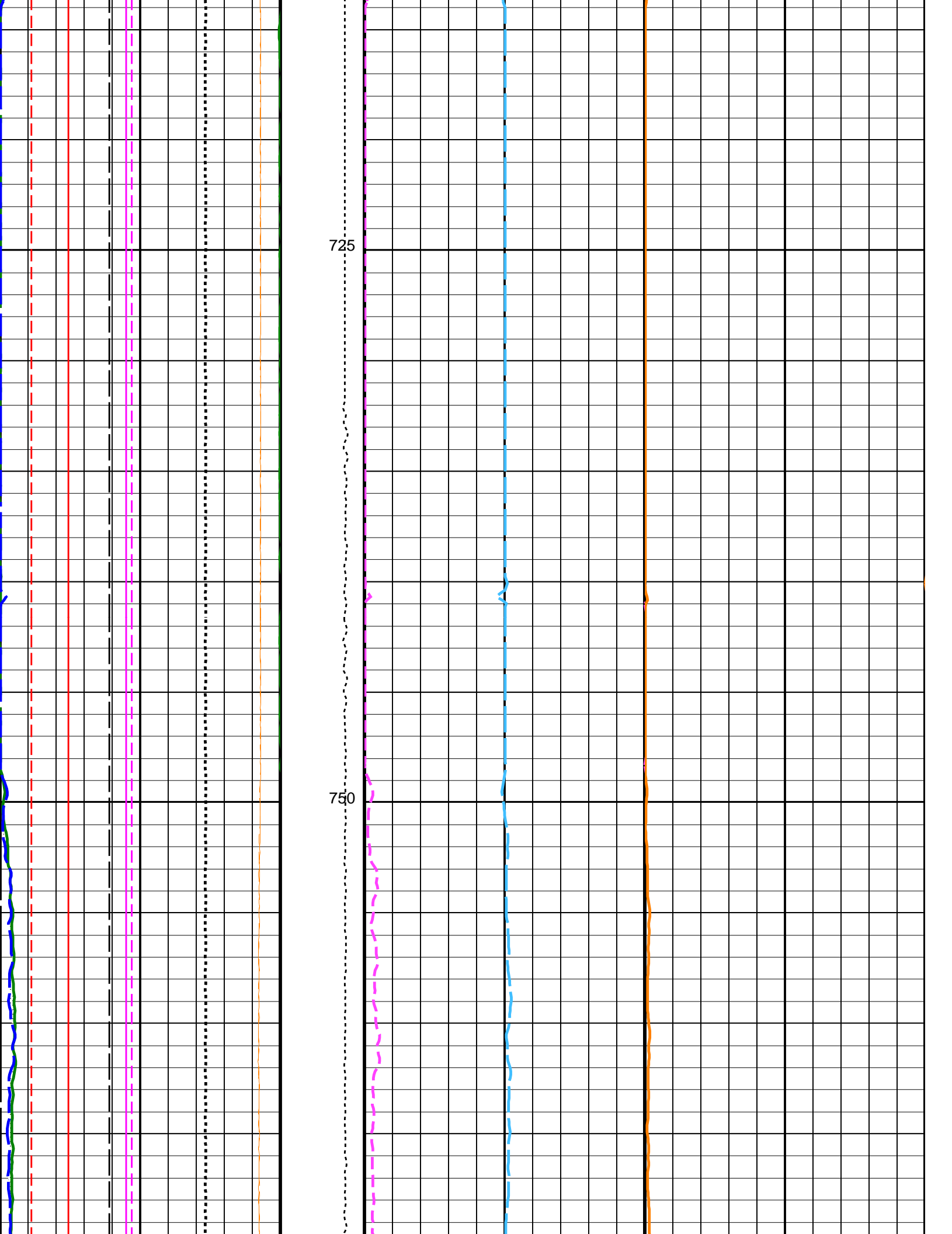
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MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

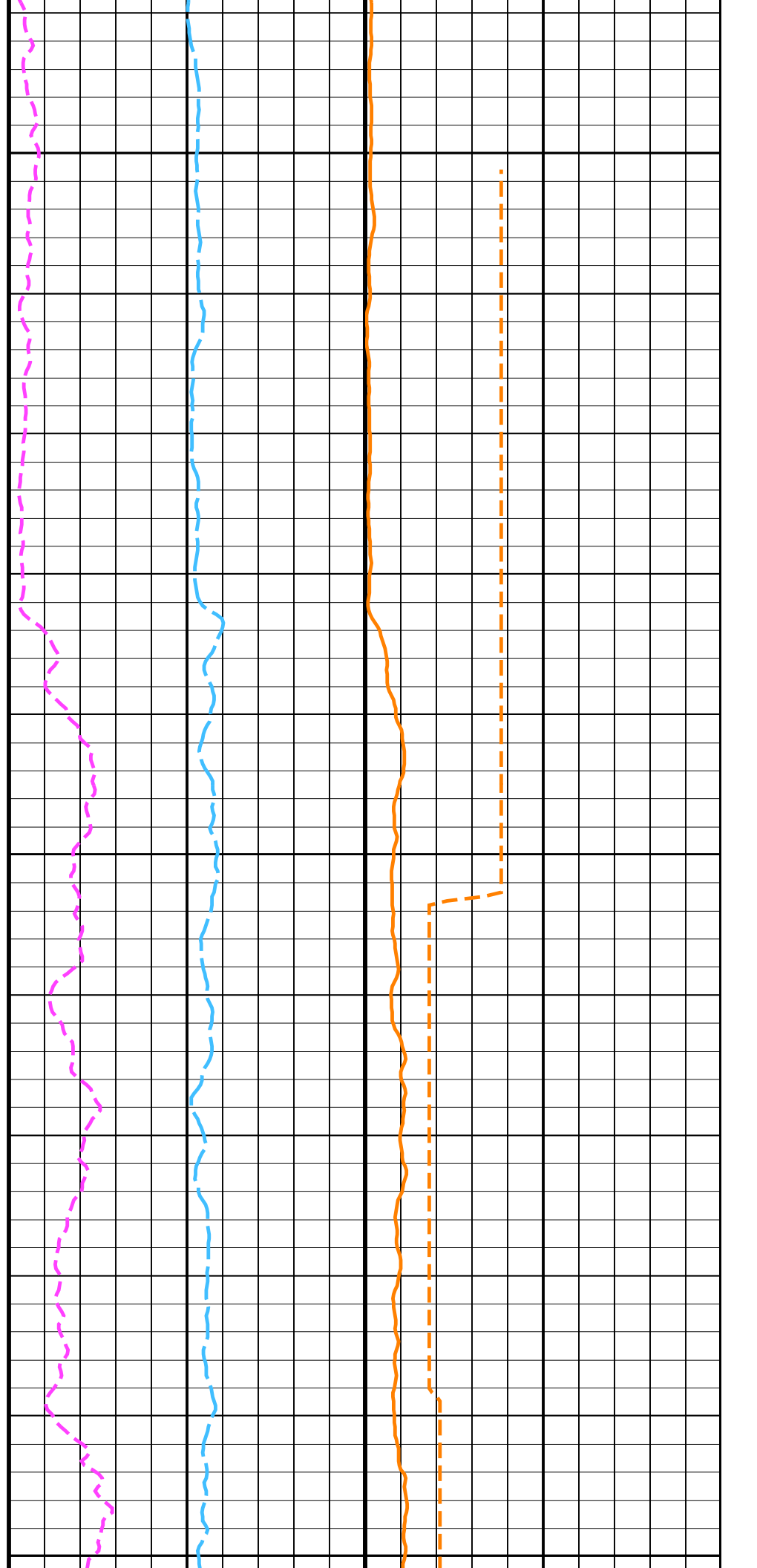
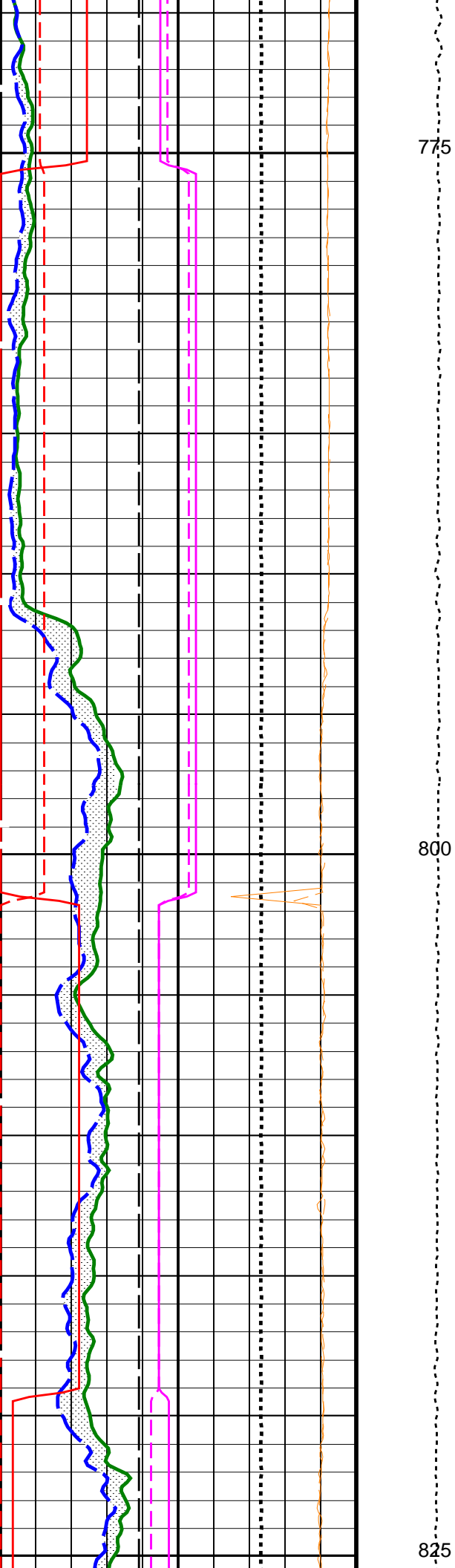
PIP SUMMARY

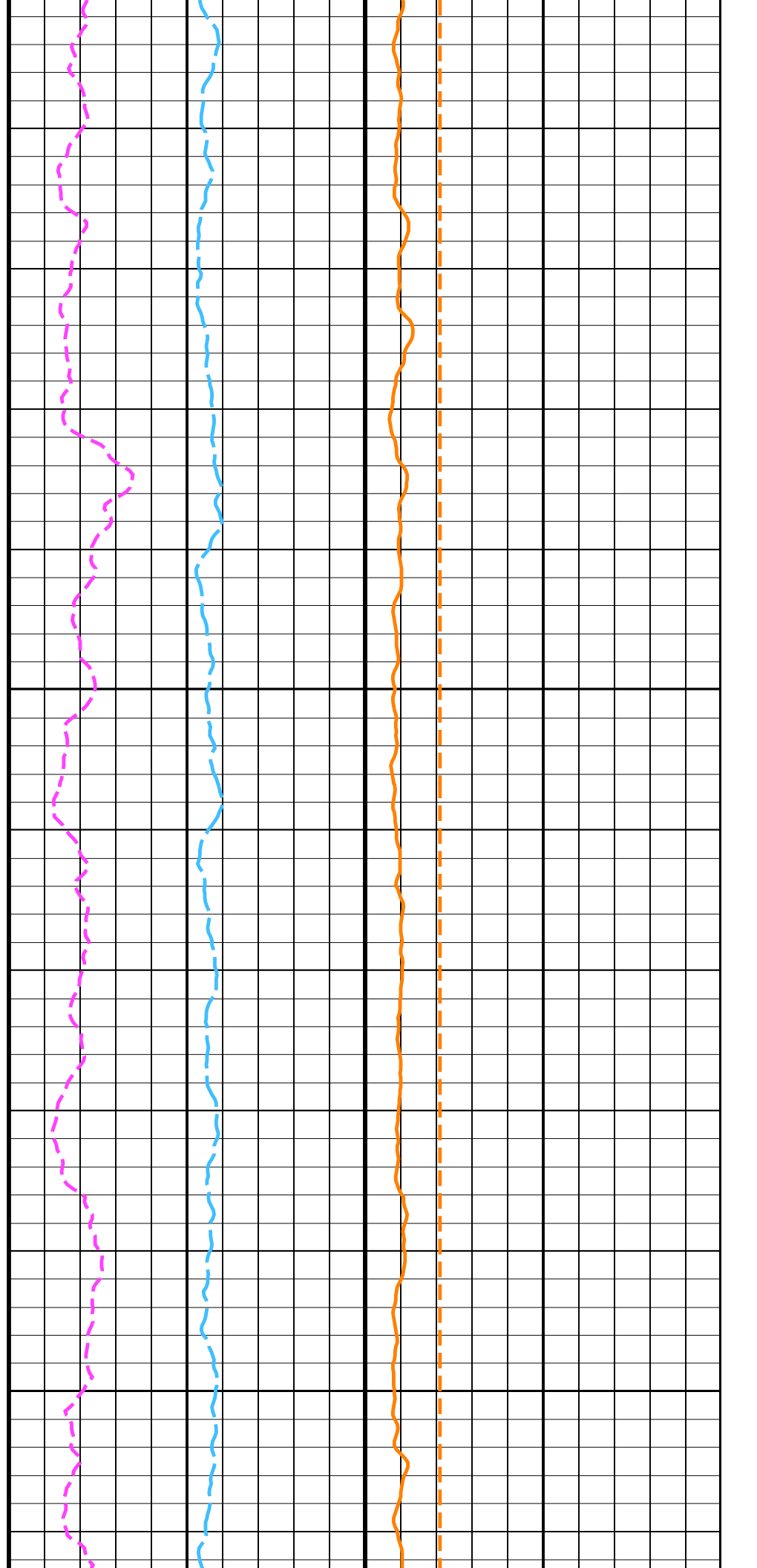
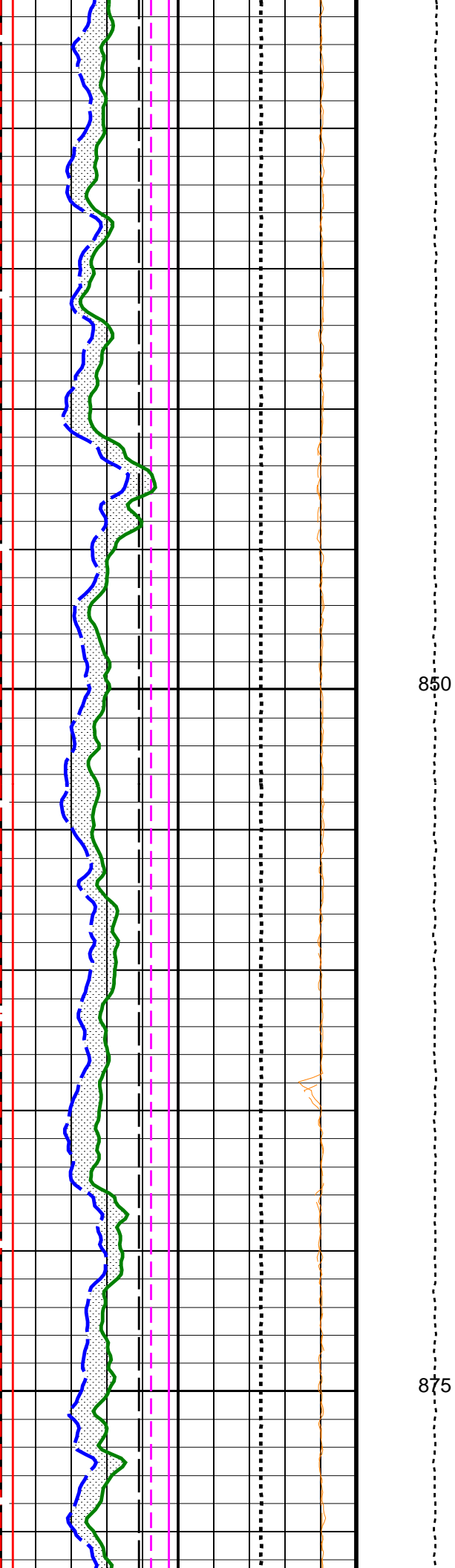
☐ Time Mark Every 60 S

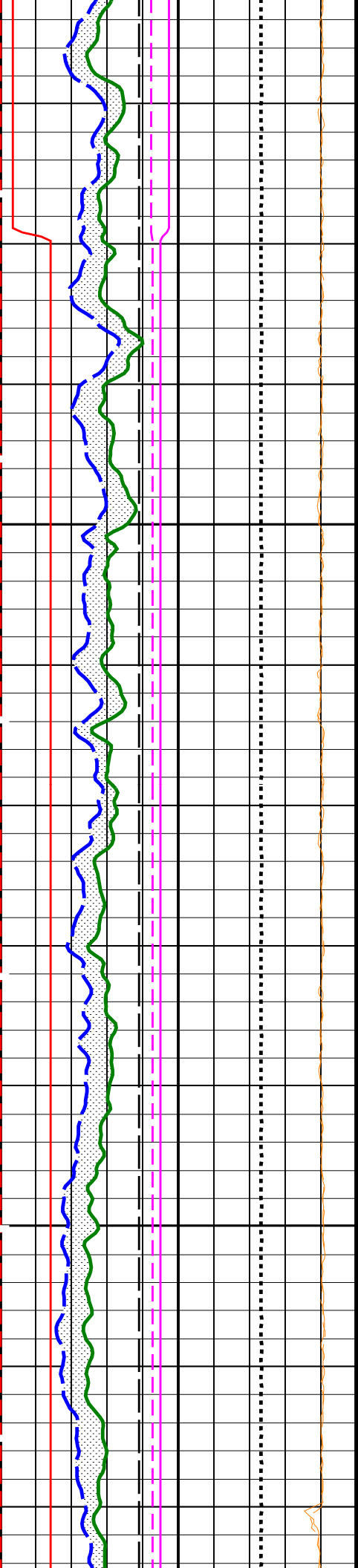
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	150
HNGS Det.2 Resolution Degradation Factor (RDF2)		
0	(----	10





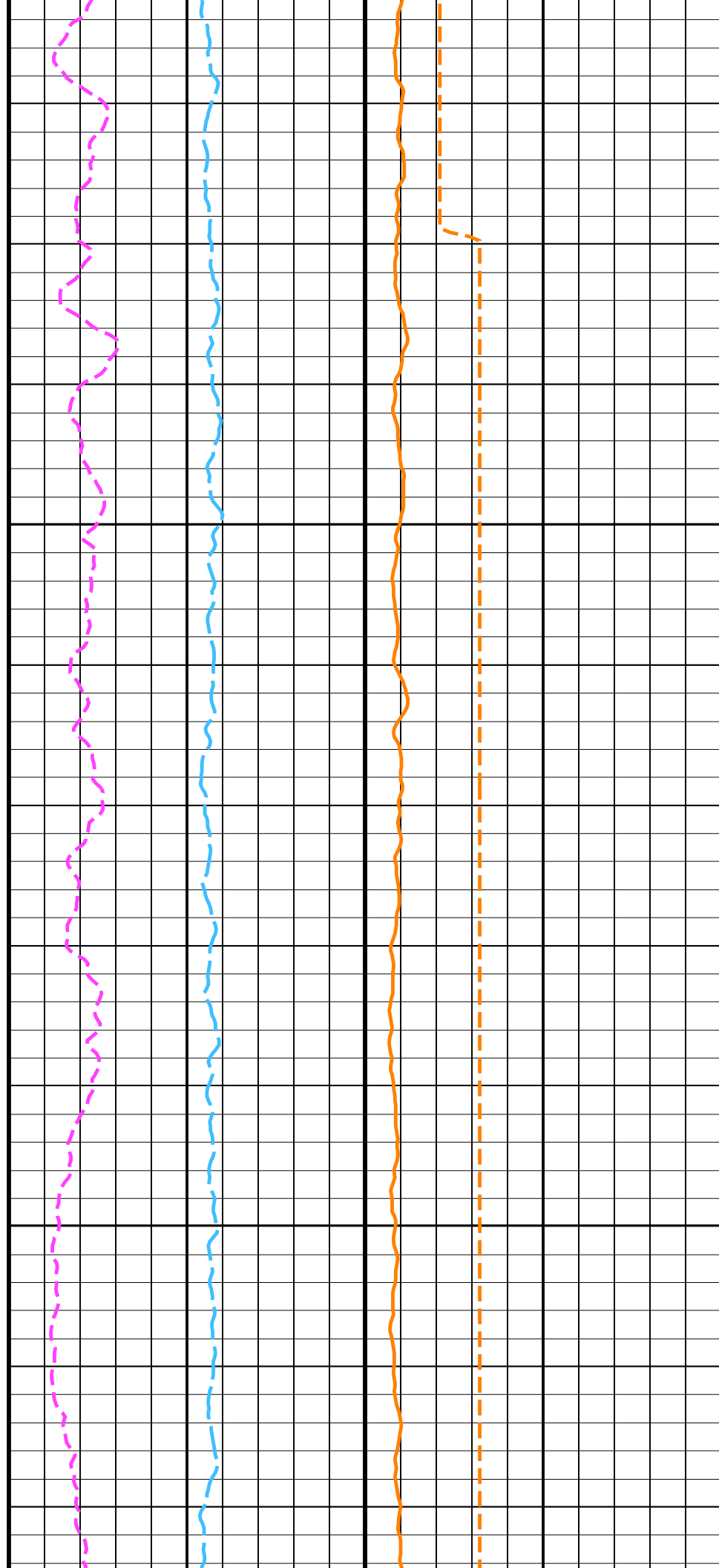


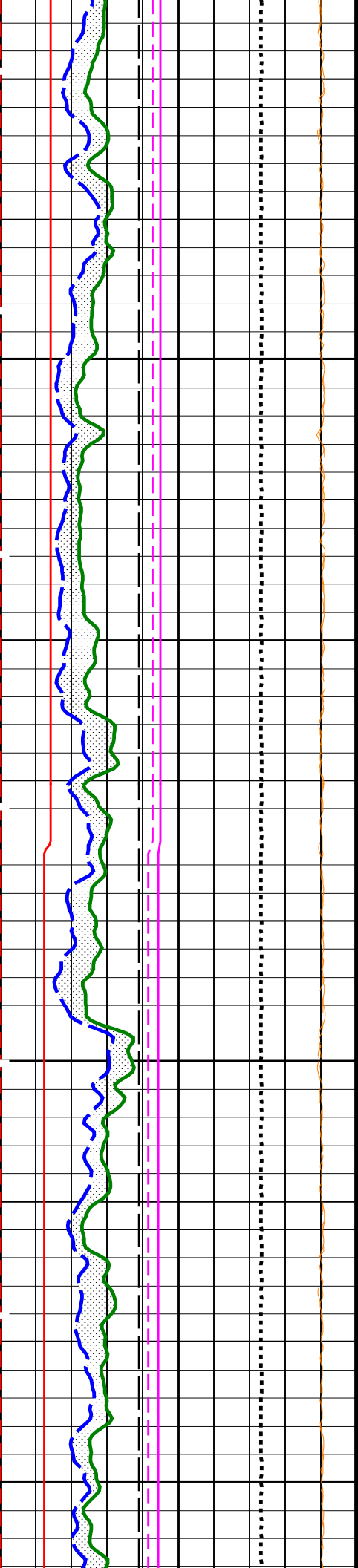




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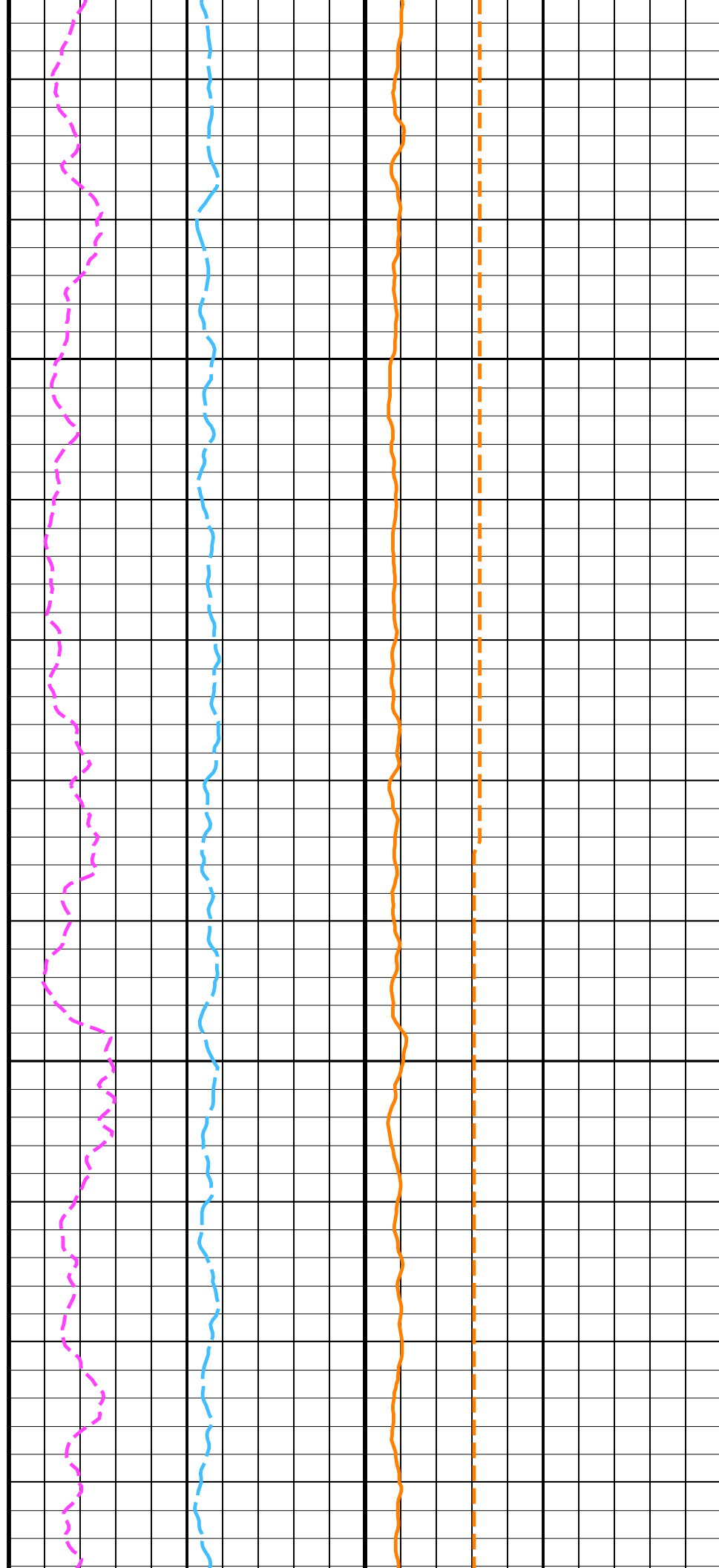
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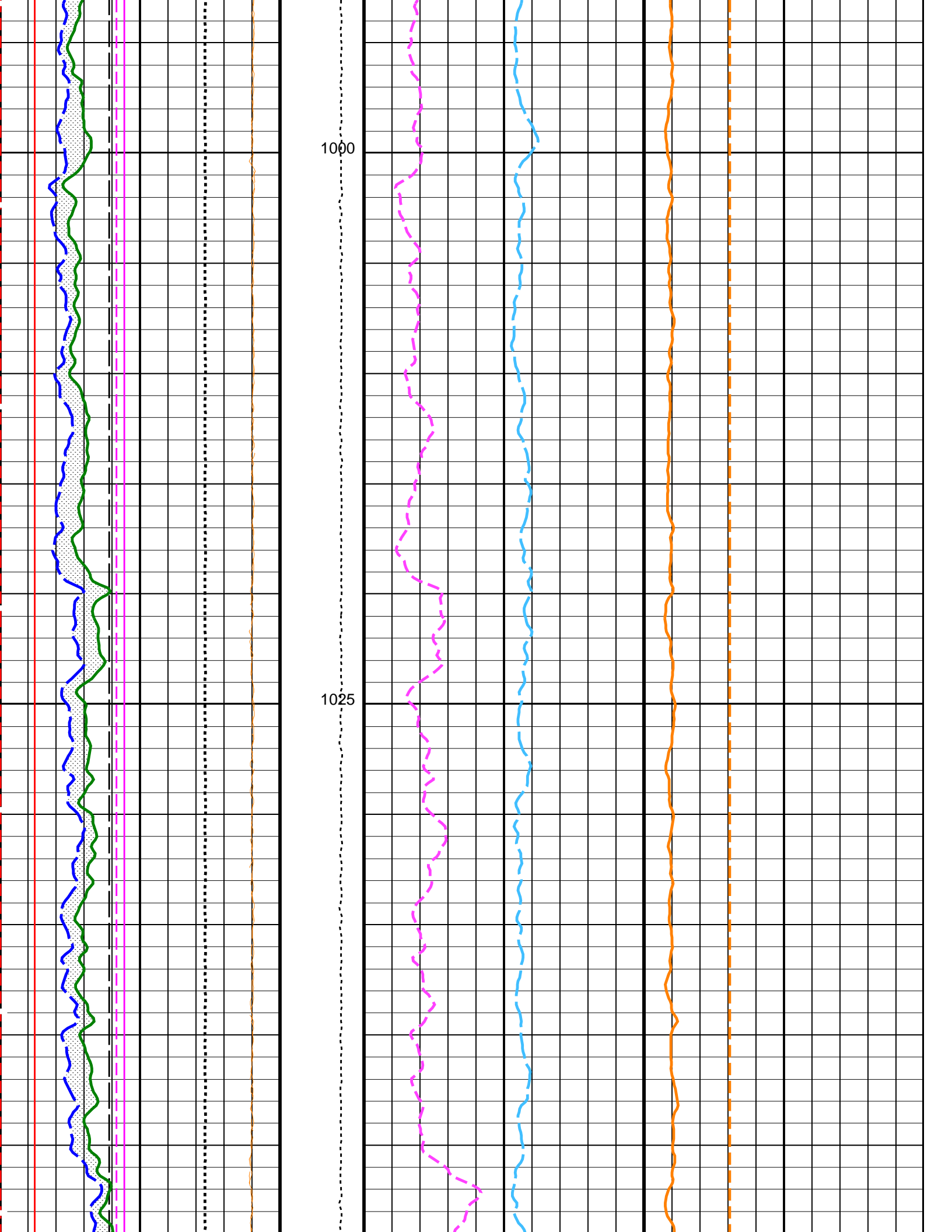


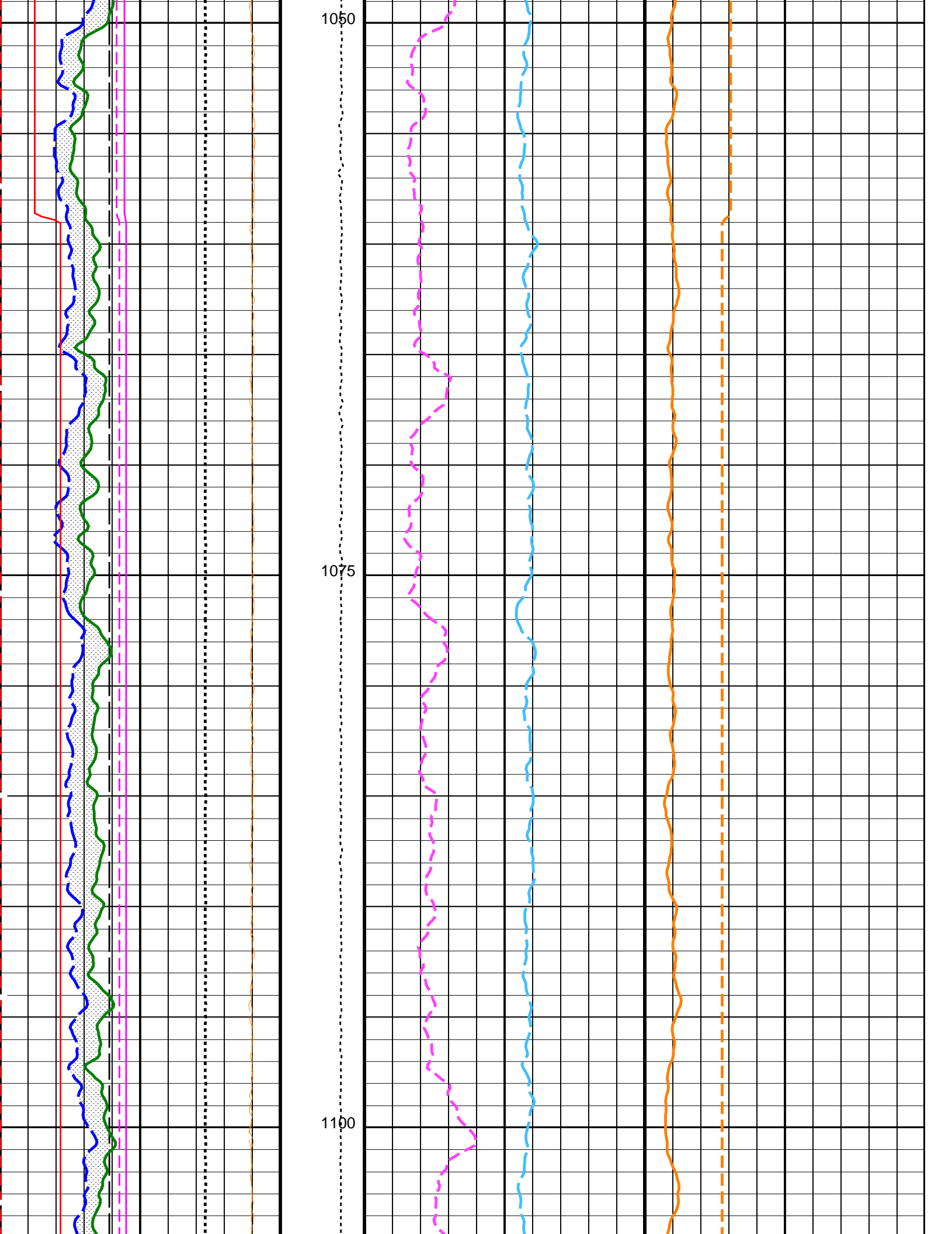


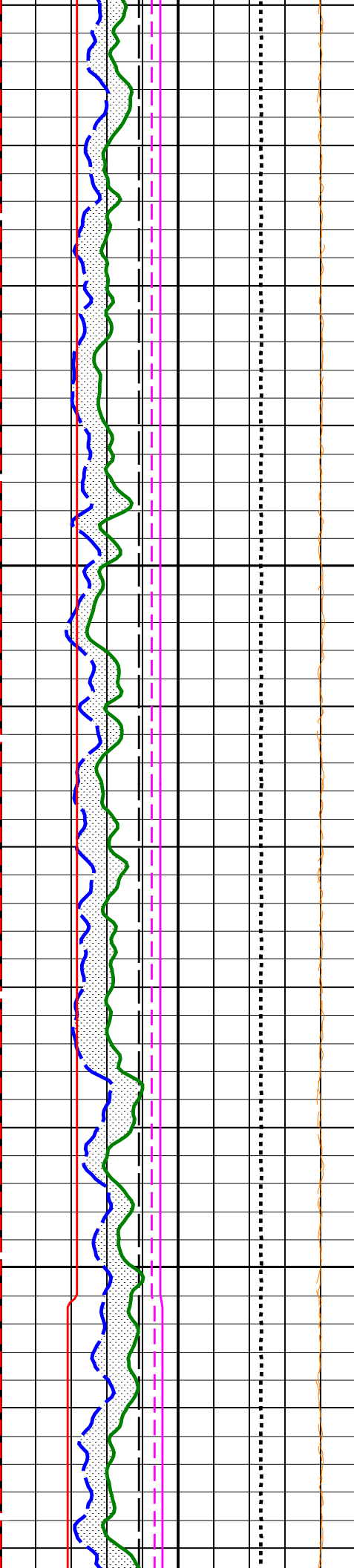
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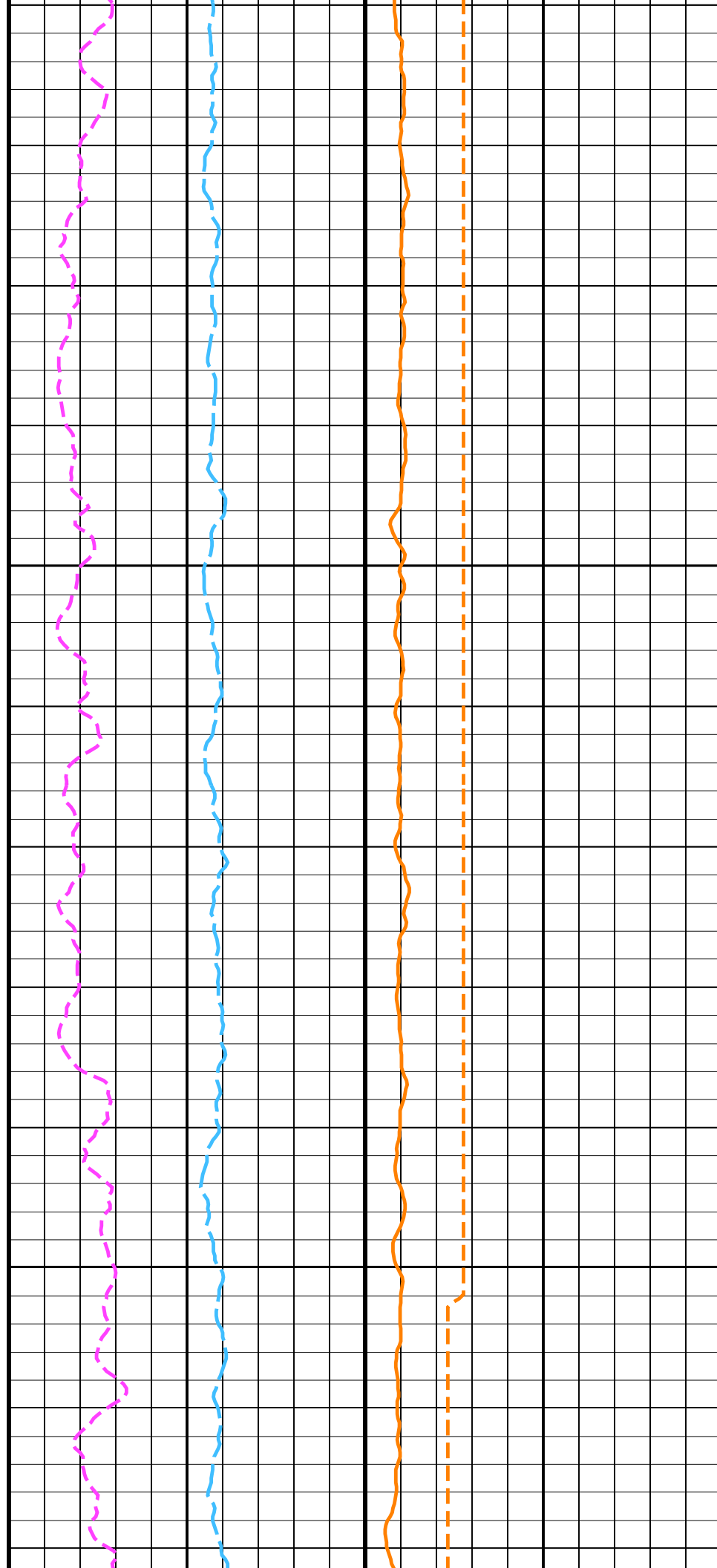


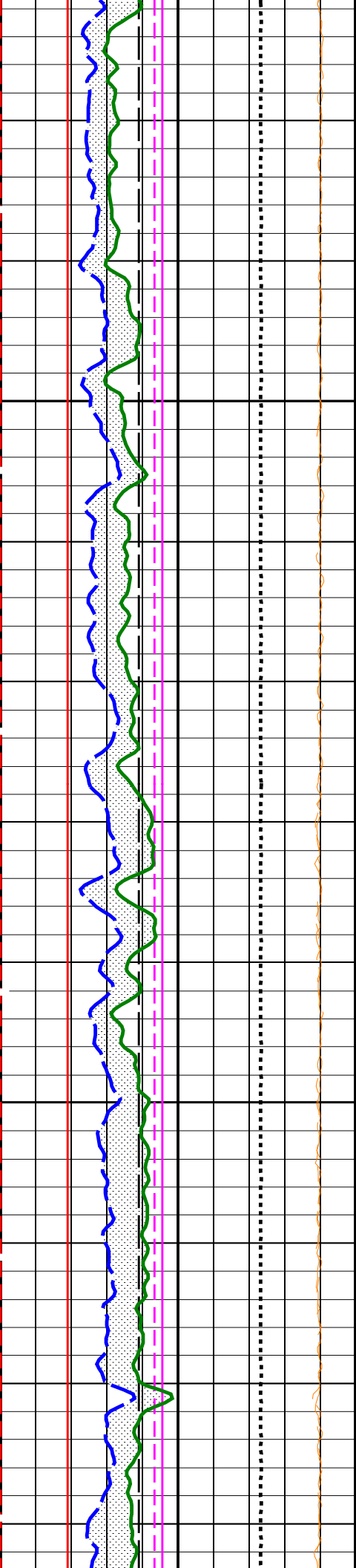




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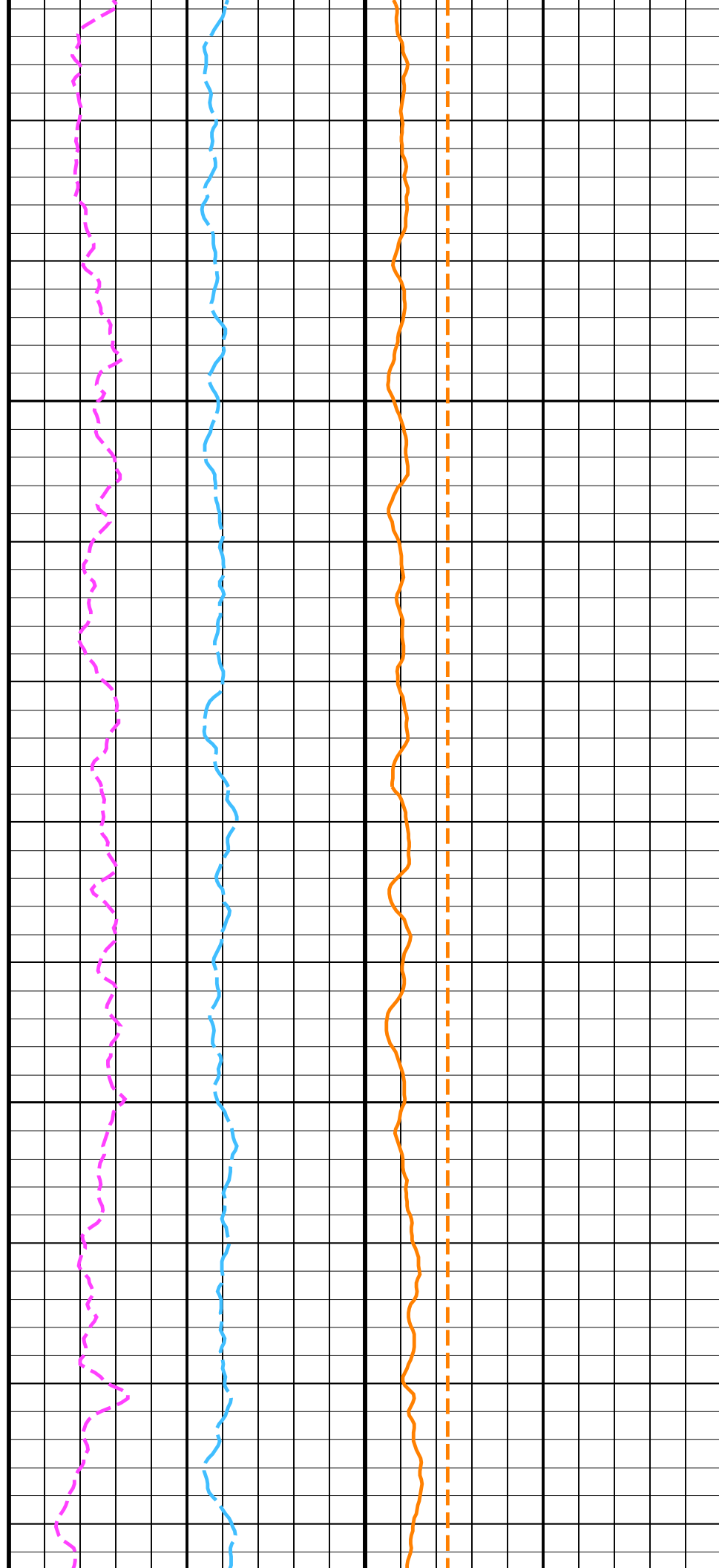
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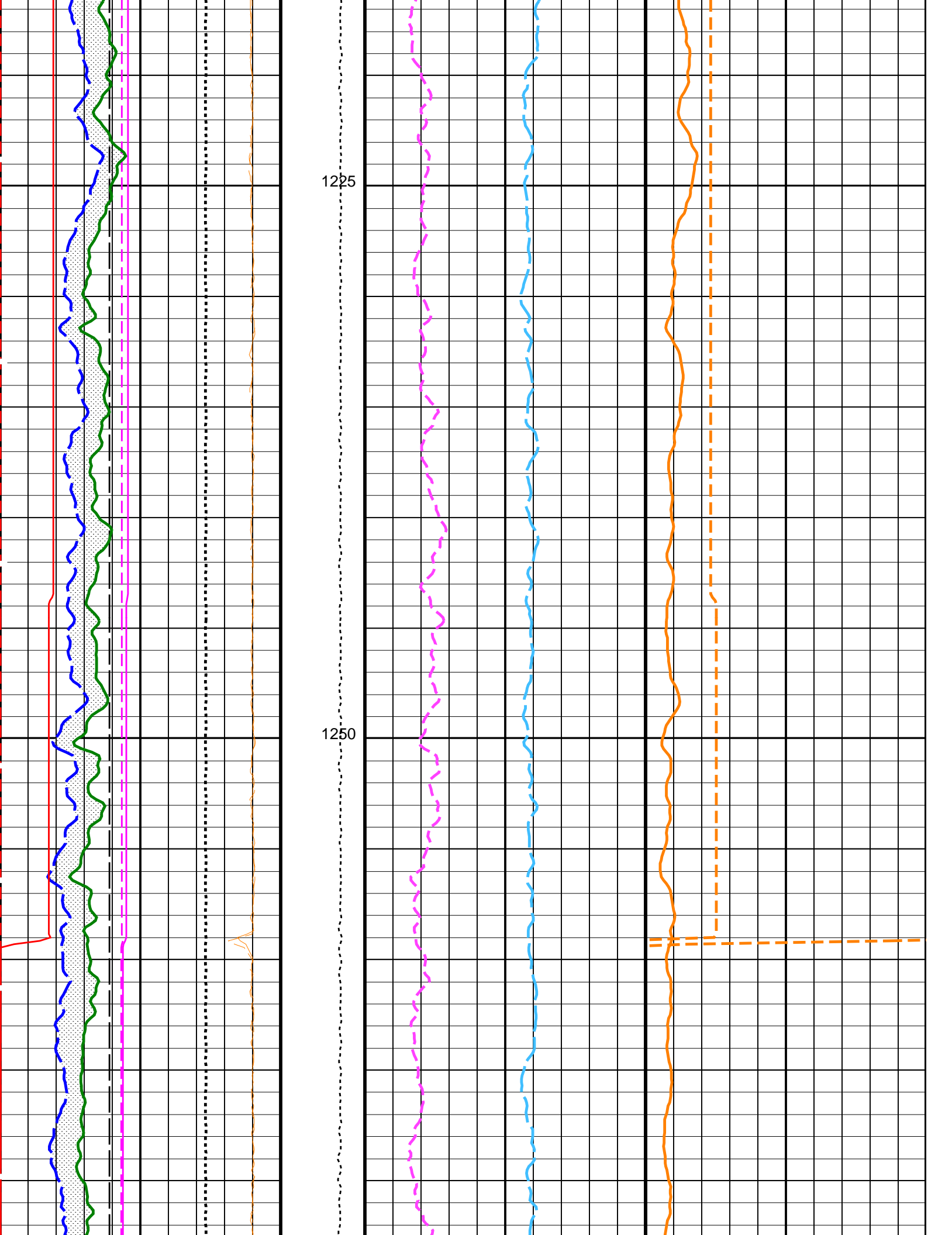


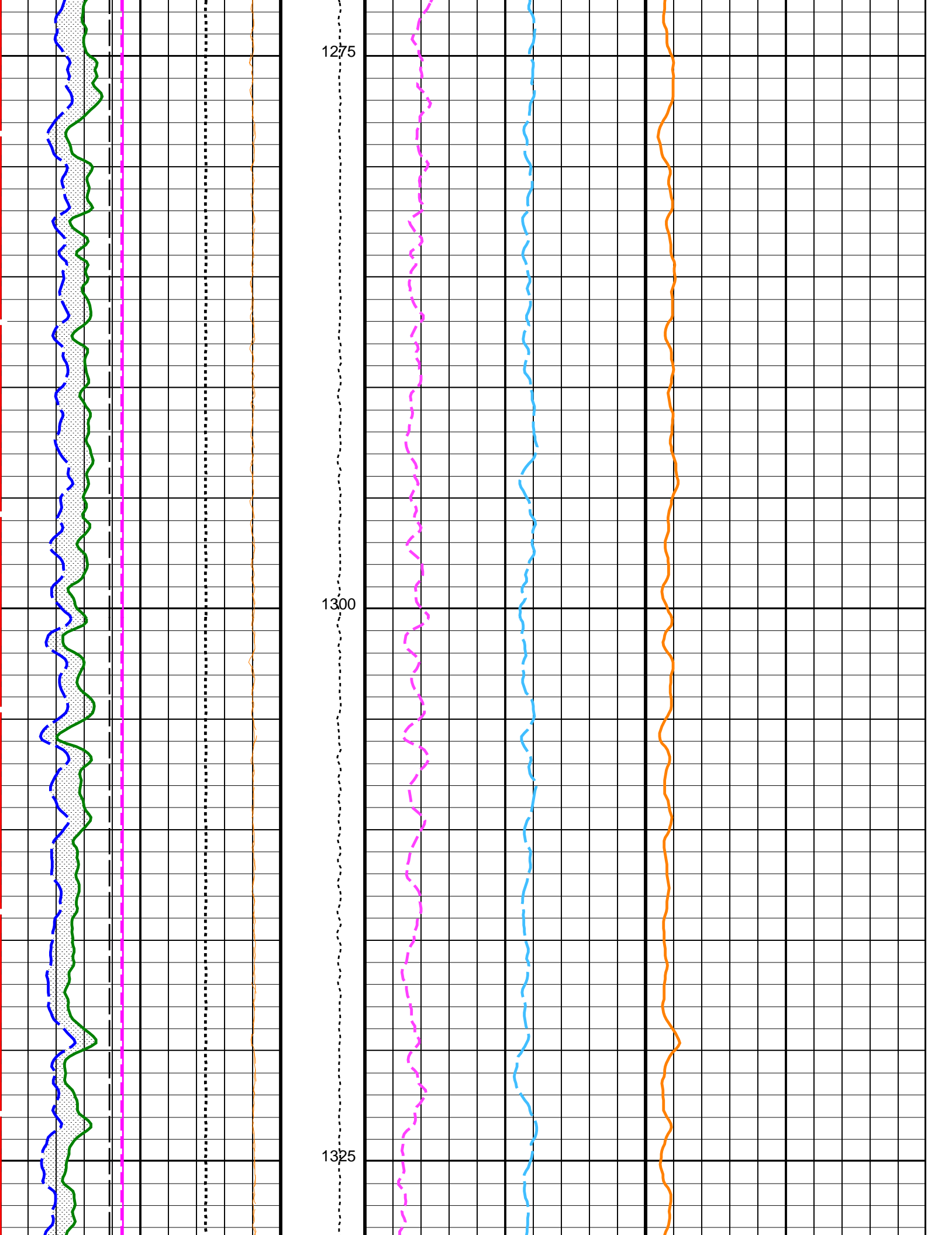


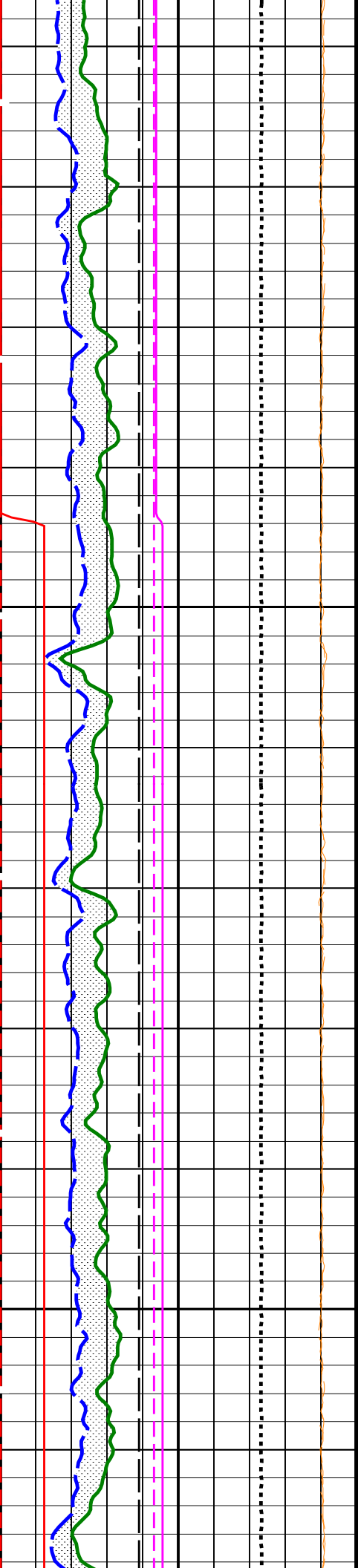
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1200



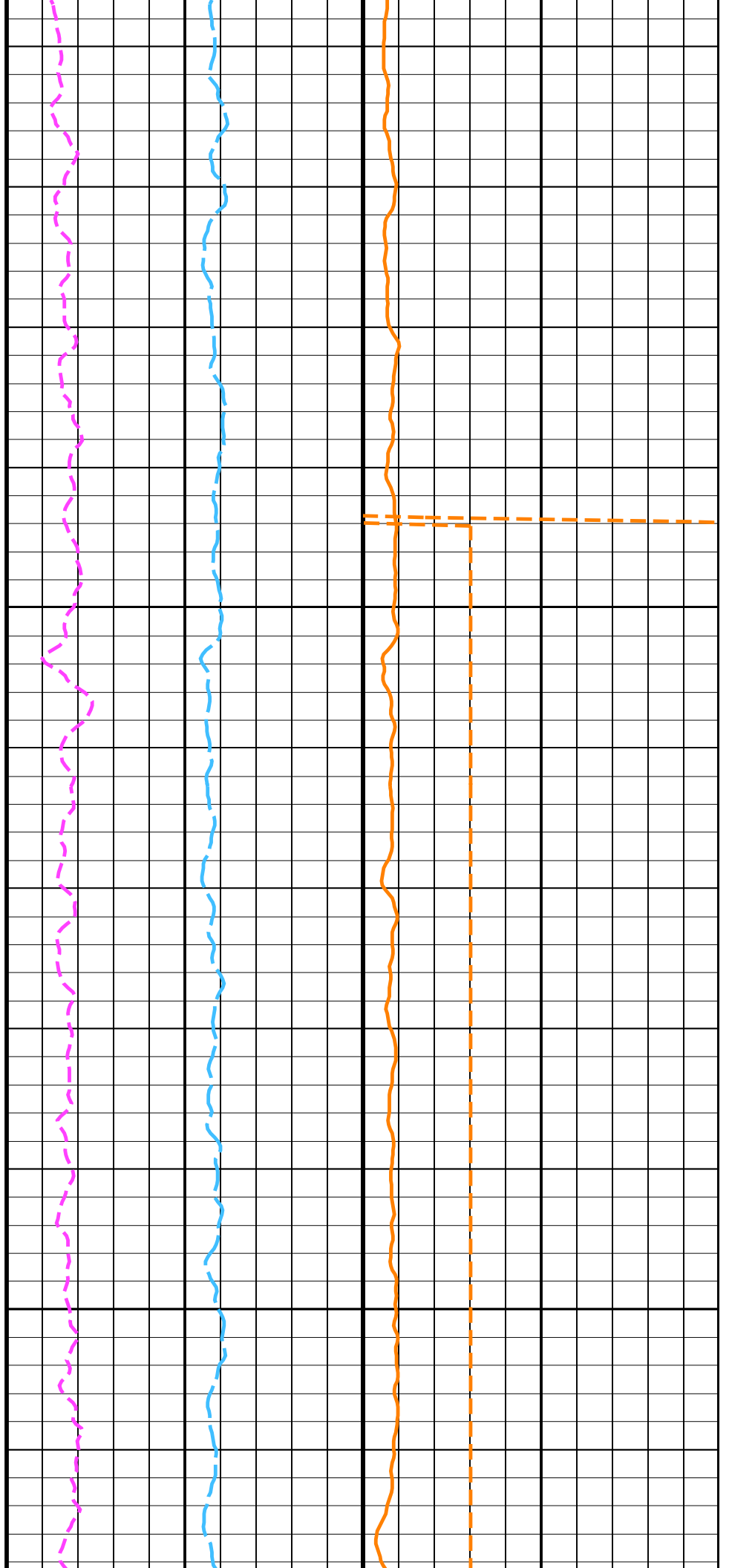


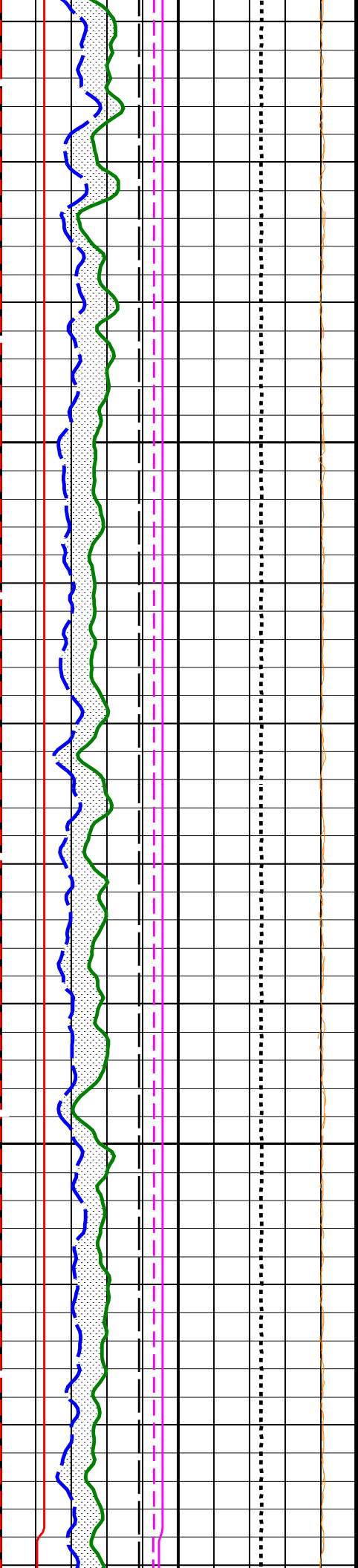




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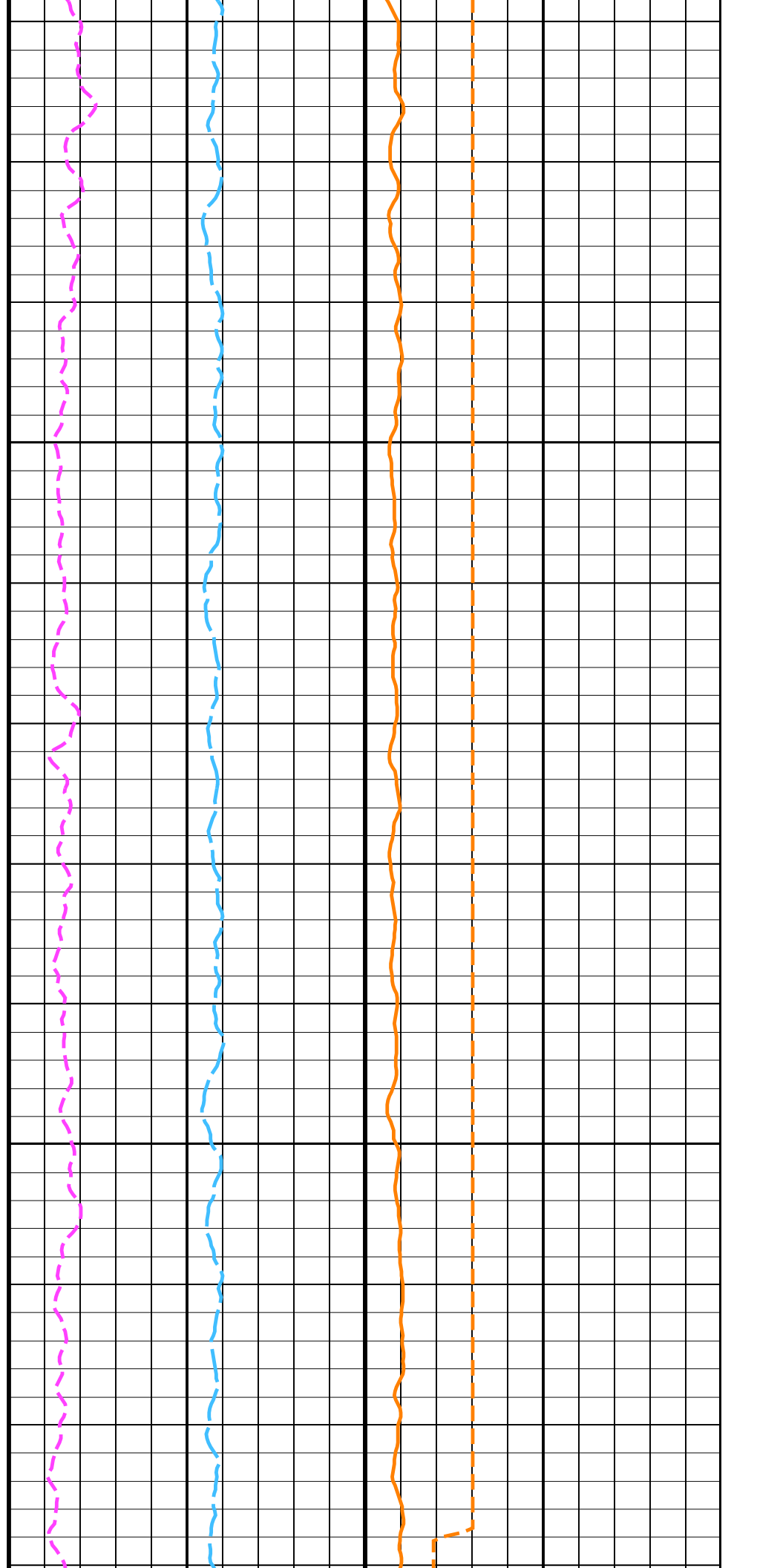
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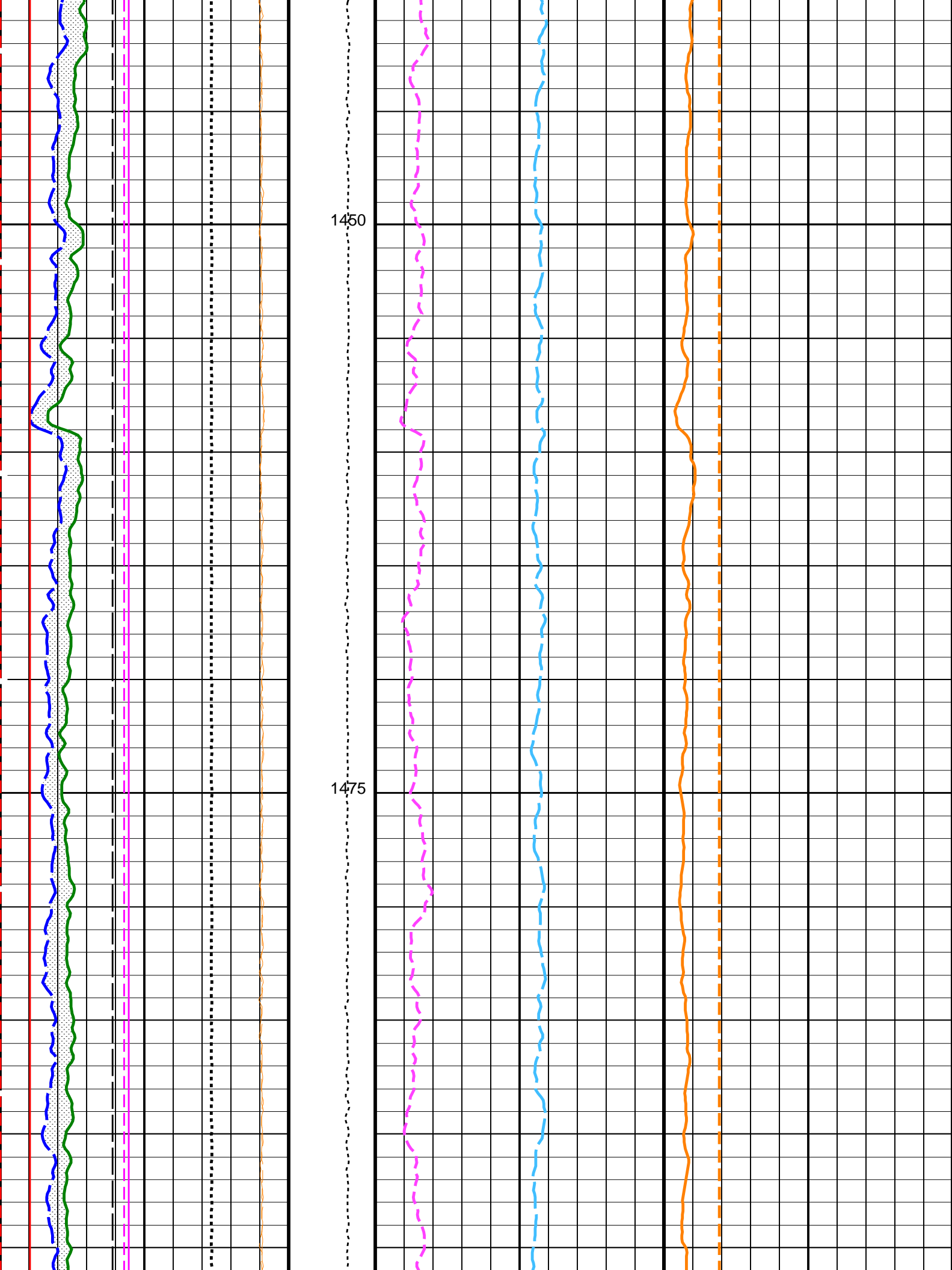


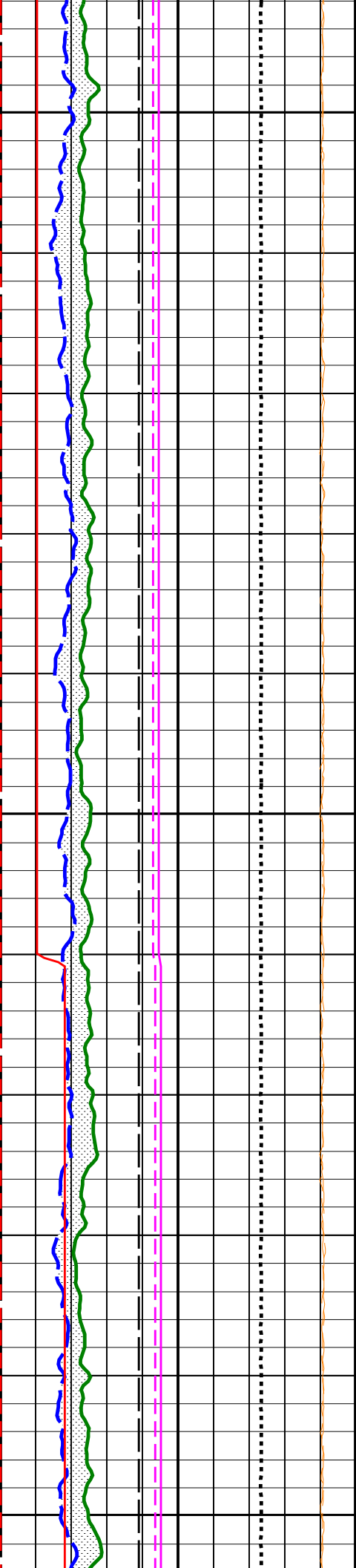


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1425



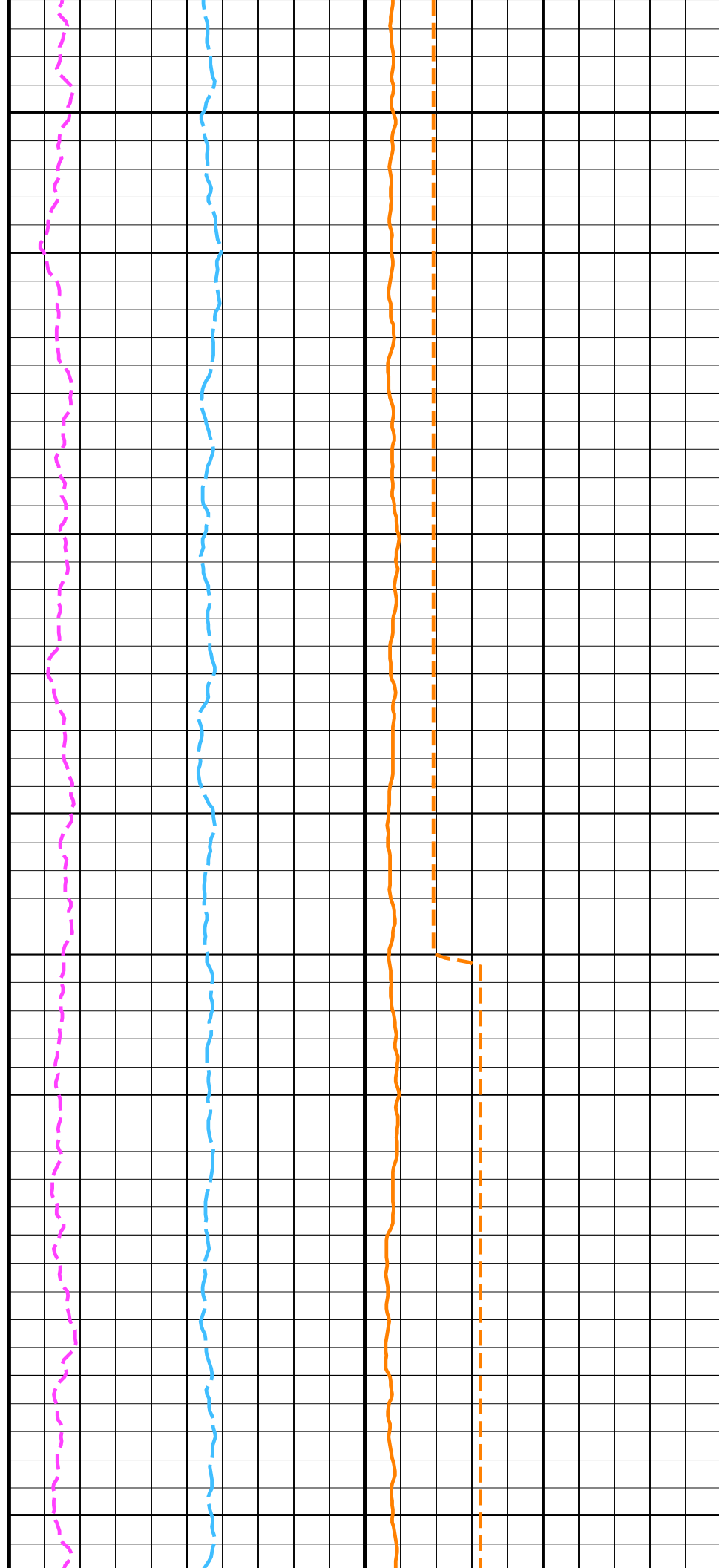


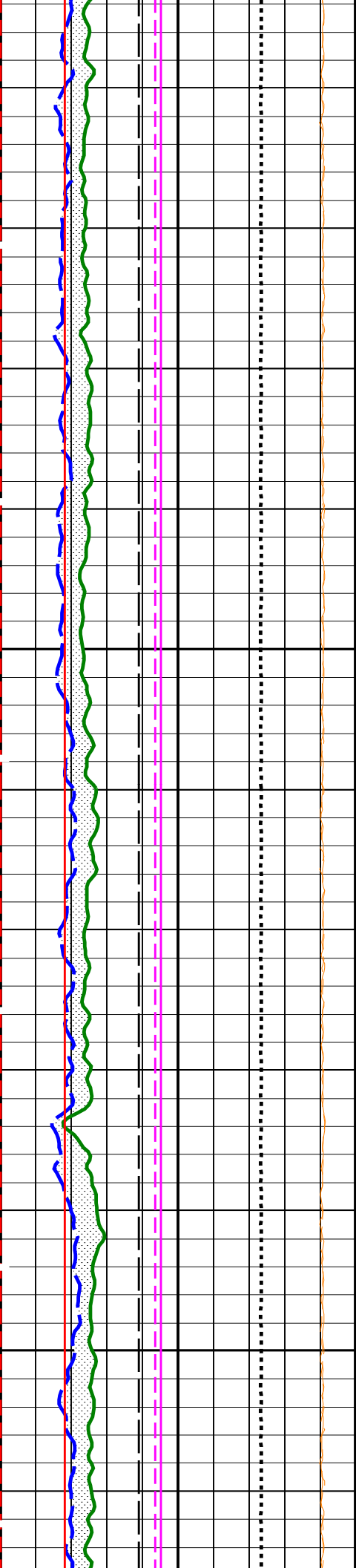


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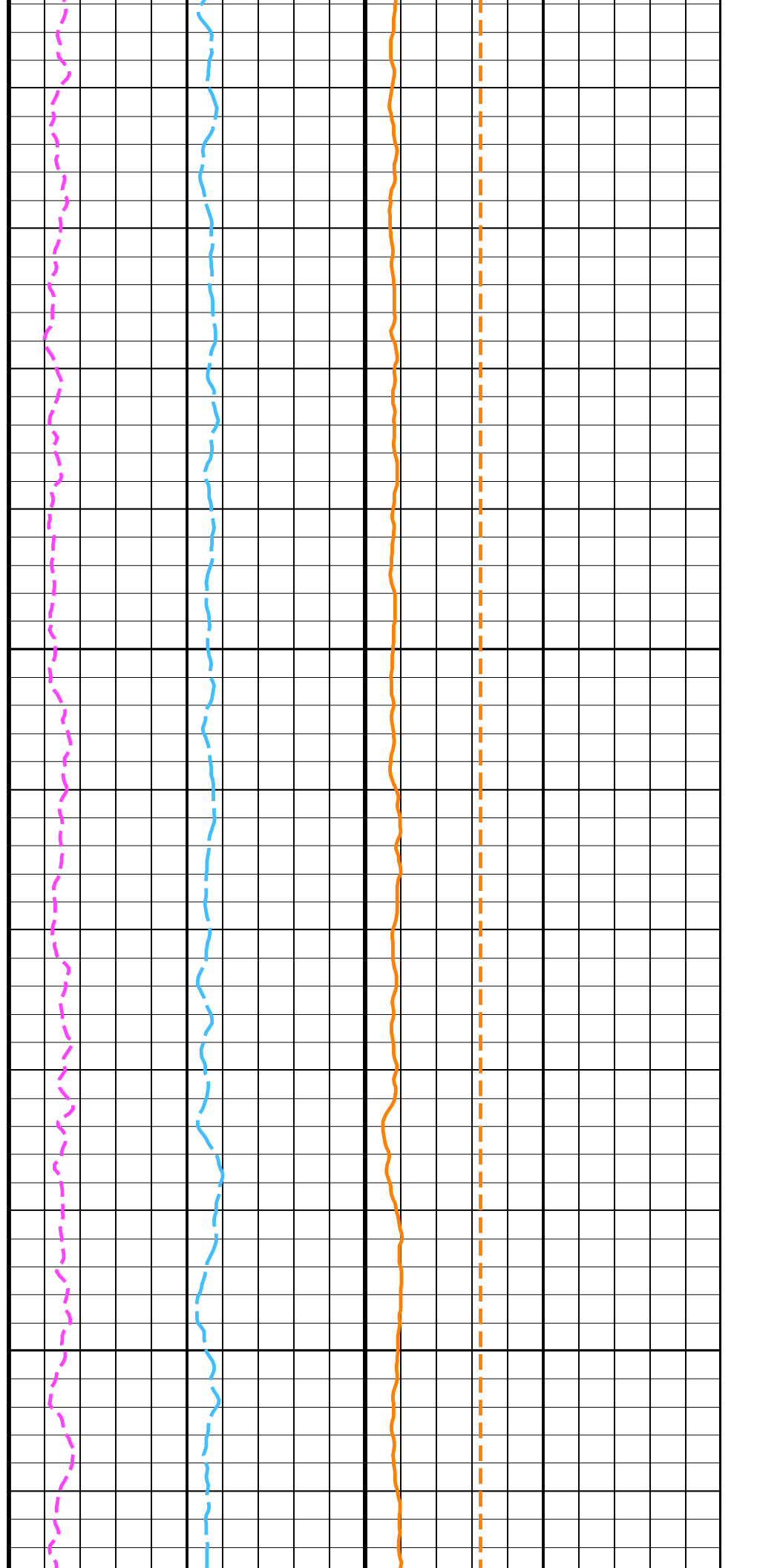
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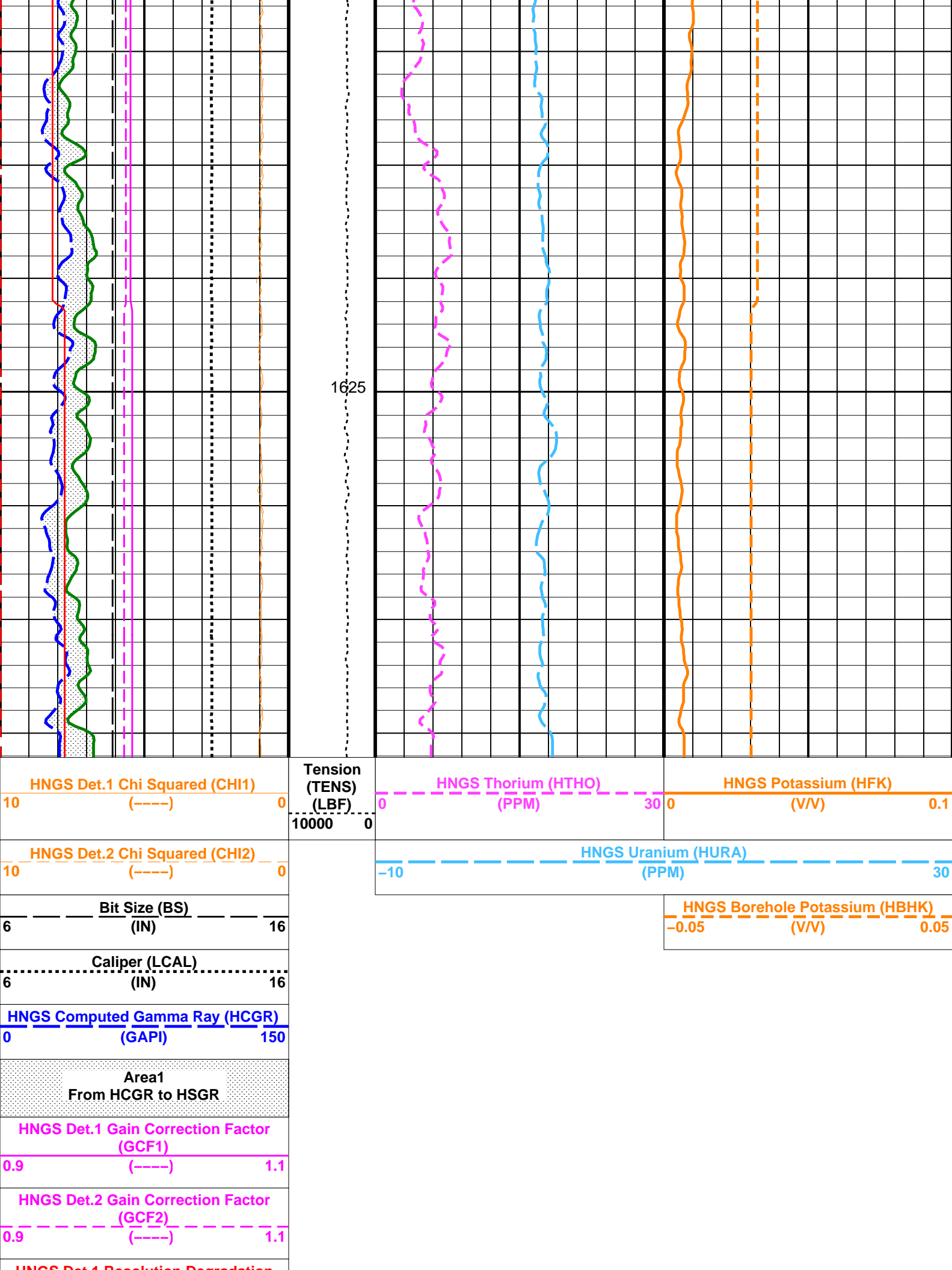




1575

1600





HNGS Det.1 Resolution Degradation Factor (RDF1)		
0	(-----)	10
HNGS Det.2 Resolution Degradation Factor (RDF2)		
0	(-----)	10
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	150

PIP SUMMARY					
Time Mark Every 60 S					

Parameters					
DLIS Name	Description	Value			
DSST-B: Dipole Shear Imager – B					
BHS	Borehole Status	OPEN			
GCSE	Generalized Caliper Selection	LCAL			
HRLT-B: High Resolution Laterolog Array – B					
BHS	Borehole Status	OPEN			
GCSE	Generalized Caliper Selection	LCAL			
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	LCAL			
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW			
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW			
HABK	HNGS Borehole Potassium Running Average	-0.00477006			
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	0.976686			
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.967392			
EDTC-B: Enhanced DTS Cartridge					
BHS	Borehole Status	OPEN			
GCSE	Generalized Caliper Selection	LCAL			
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: 25-Sep-2023 08:25
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OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_DSI_007LUP	PRODUCER	25-Sep-2023 05:57	1639.1 M	683.5 M
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER	25-Sep-2023 08:25	

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_DSI_007LUP	PRODUCER	25-Sep-2023 05:57	1639.1 M	683.5 M
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Output DLIS Files

DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER	25-Sep-2023 08:25	1641.0 M	683.5 M
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OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S

HLDS Long Spacing Quality Indicator (LQLS)
-0.25 (----) 0.25

HLDS Short Spacing Quality Indicator (LQSS)
-0.25 (----) 0.25

Washout
From BS to HLDS_CALIPER

Mudcake
From HLDS_CALIPER to BS

HLDS Caliper (LCAL)
6 (IN) 16

Bit Size (BS)
6 (IN) 16

HLDS Bulk Density Correction (DRH)
-0.25 (G/C3) 0.25

HLDS Short Spaced Bulk Density (RHS)
2 (G/C3) 3

HLDS Long Spaced Photoelectric Effect (PEFL)
0 (----) 10

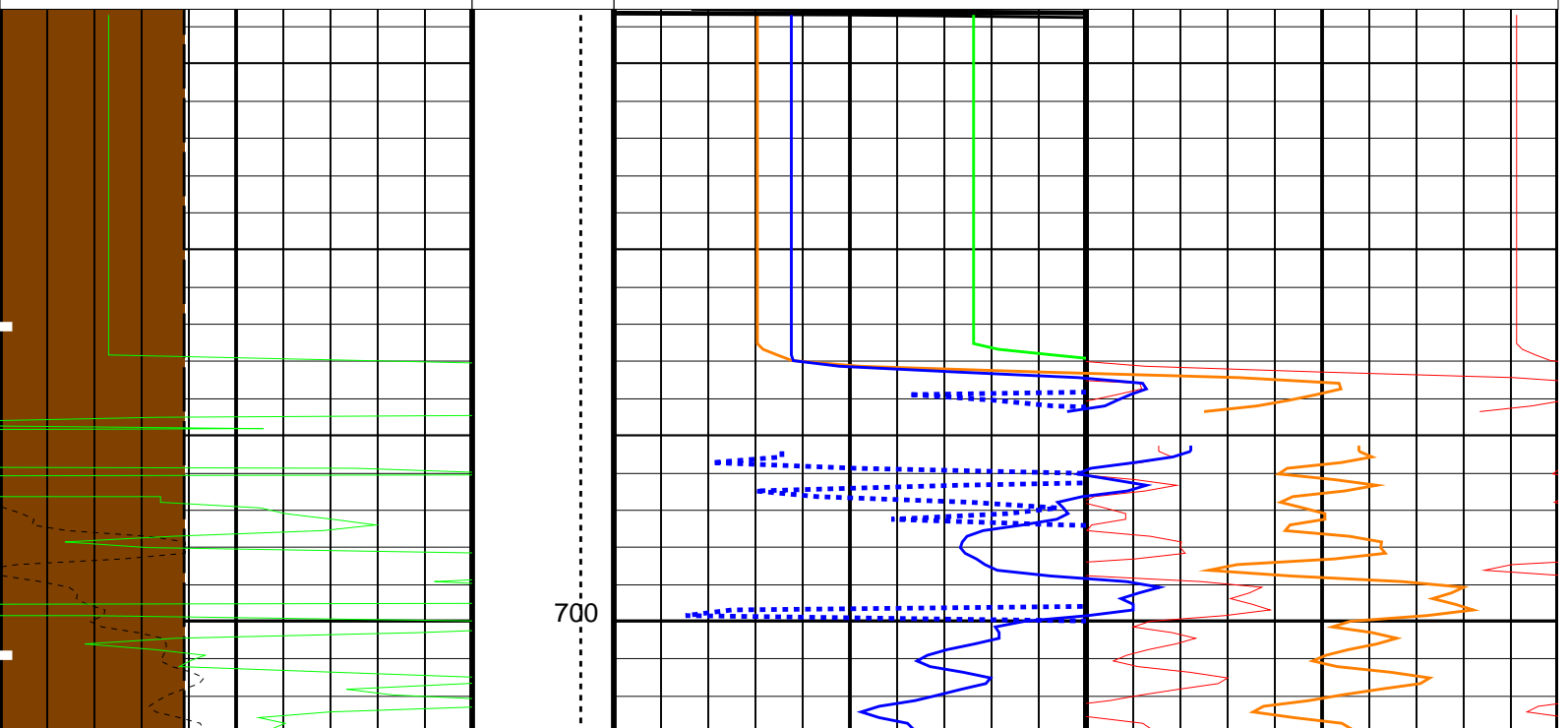
HLDS Short Spaced Photoelectric Effect (PEFS)
0 (----) 10

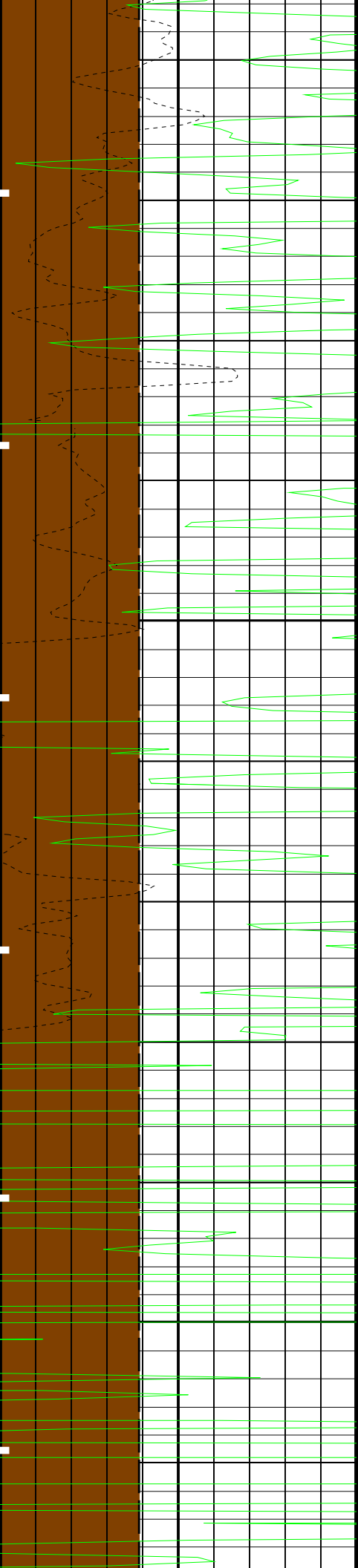
HLDS Long Spaced Bulk Density (RHL)
2 (G/C3) 3

HLDS SS2 Density (RHS3) 2 (G/C3)	HLDS Density Porosity (DPO) 30 (PU)
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Tension (TENS) (LBF)

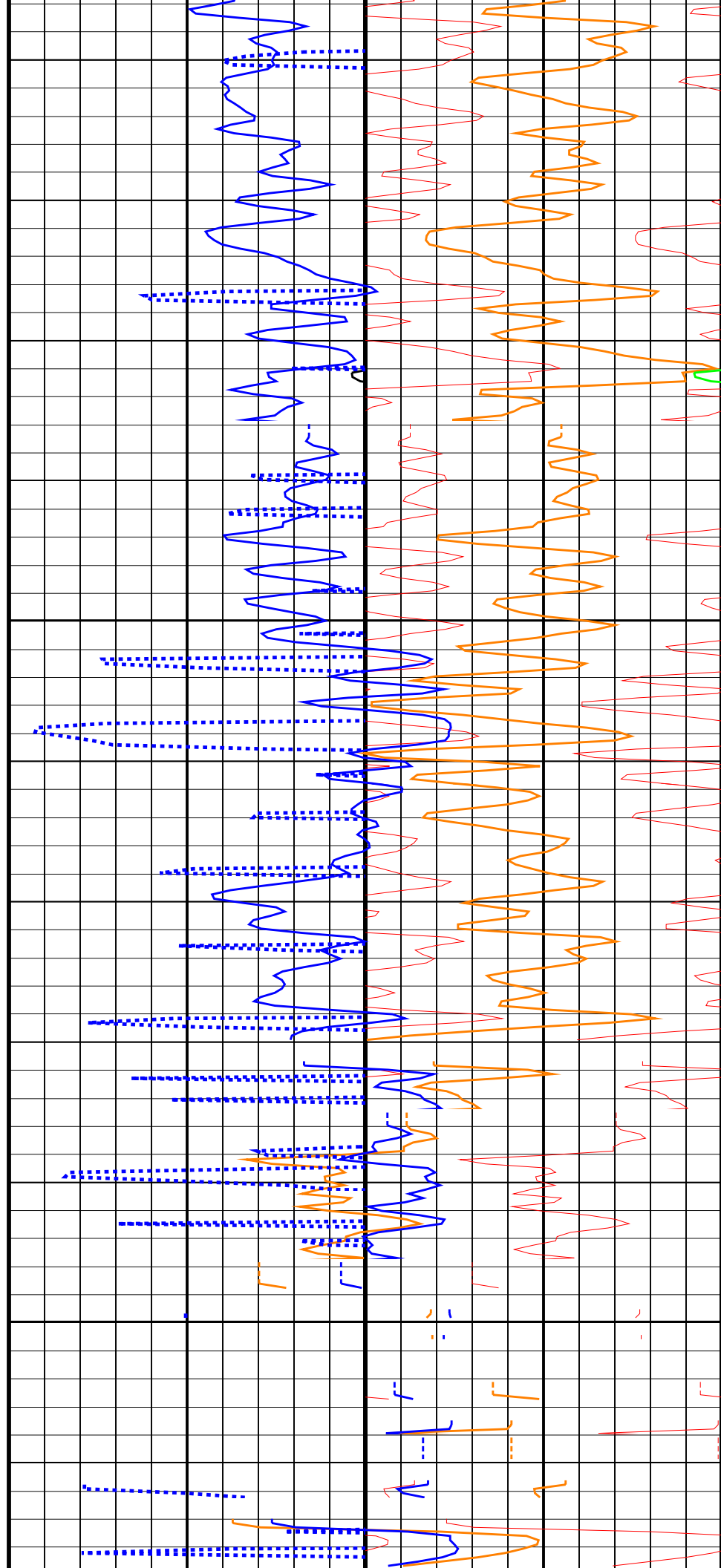
HLDS Bulk Density (RHOM)
2 (G/C3) 3

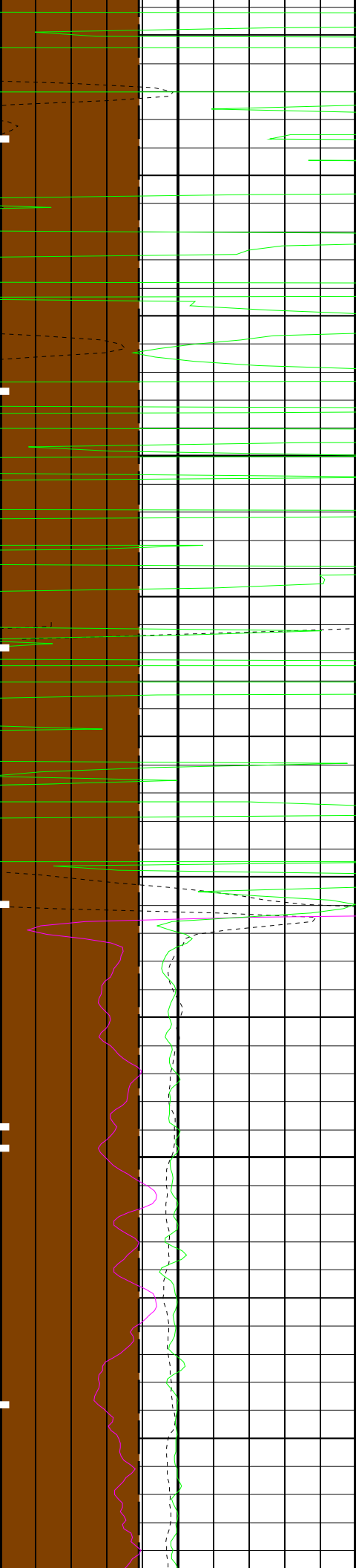




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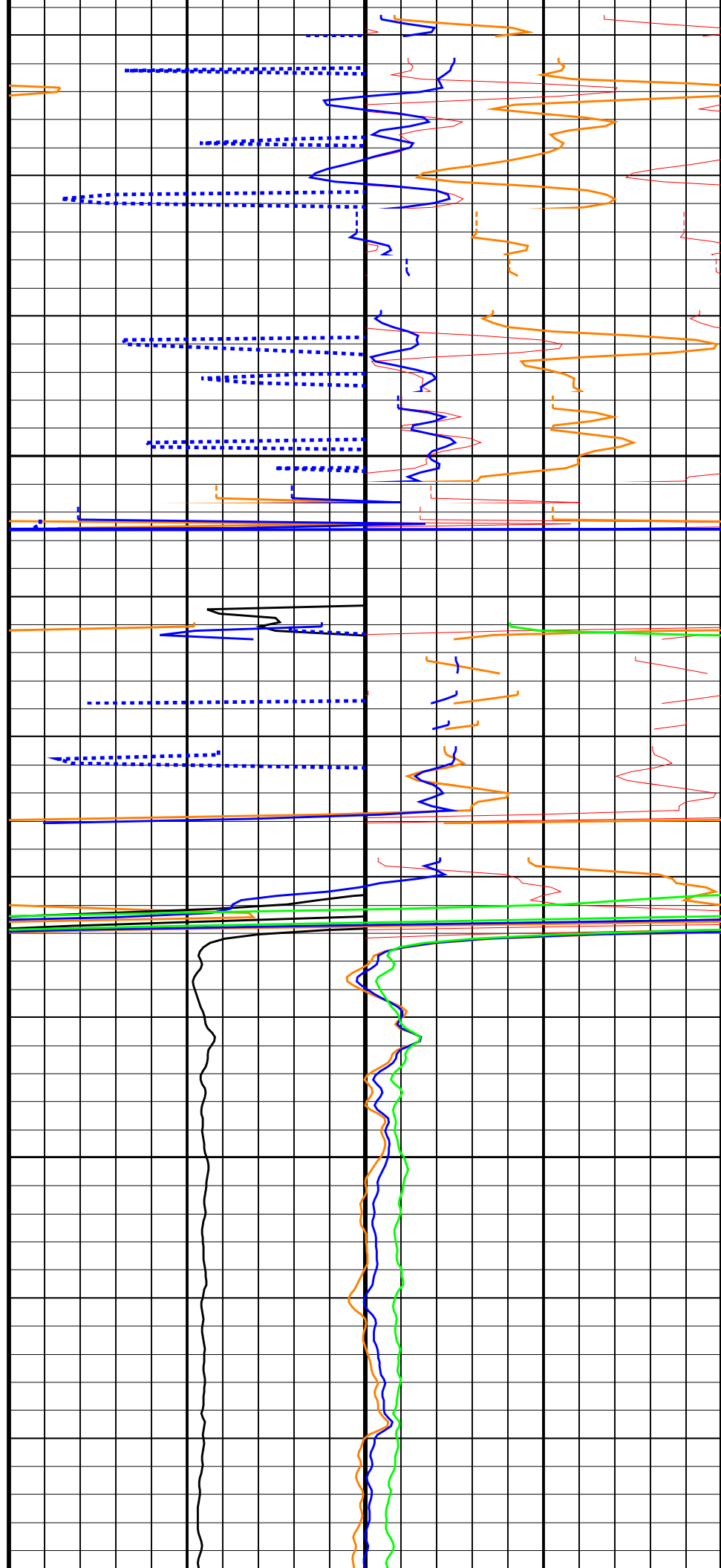
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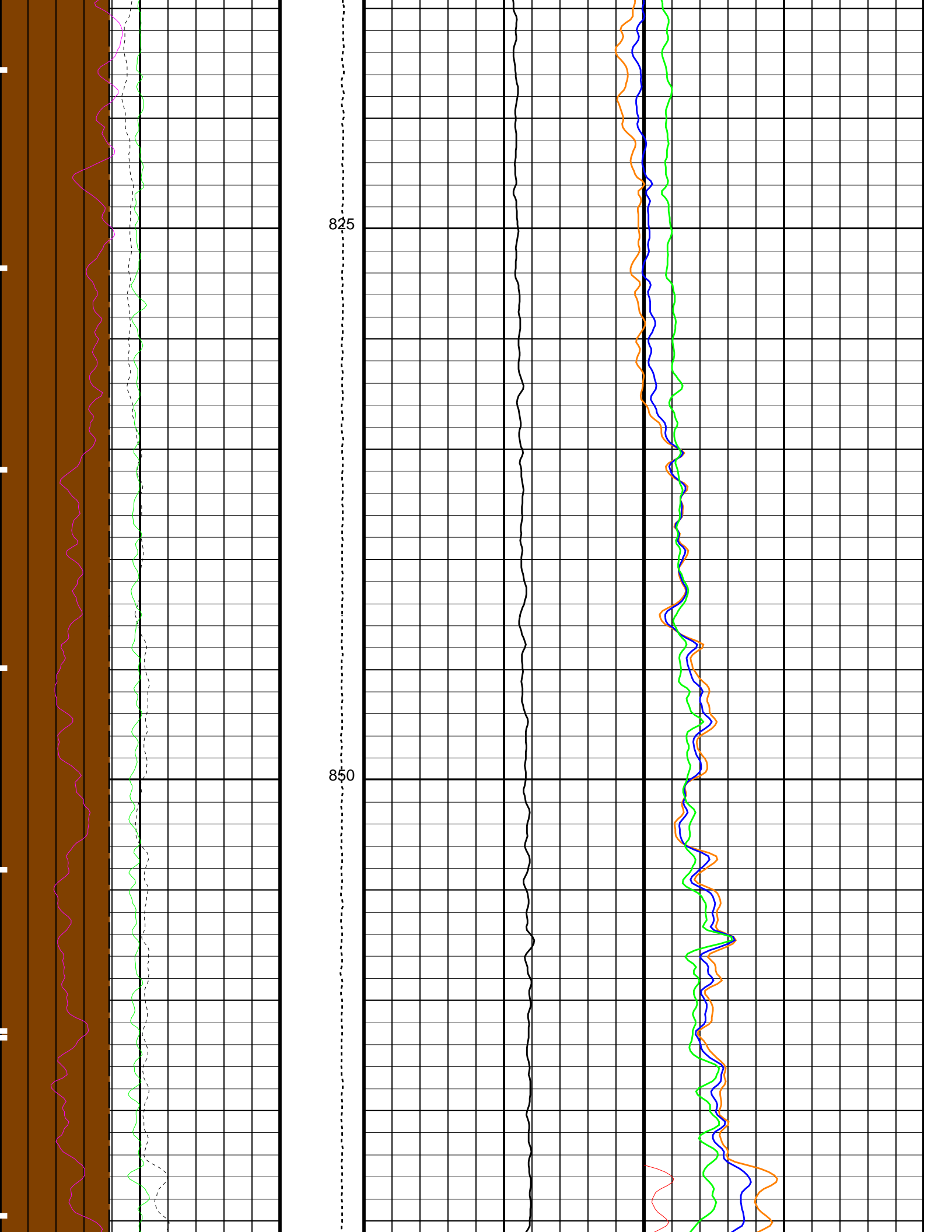


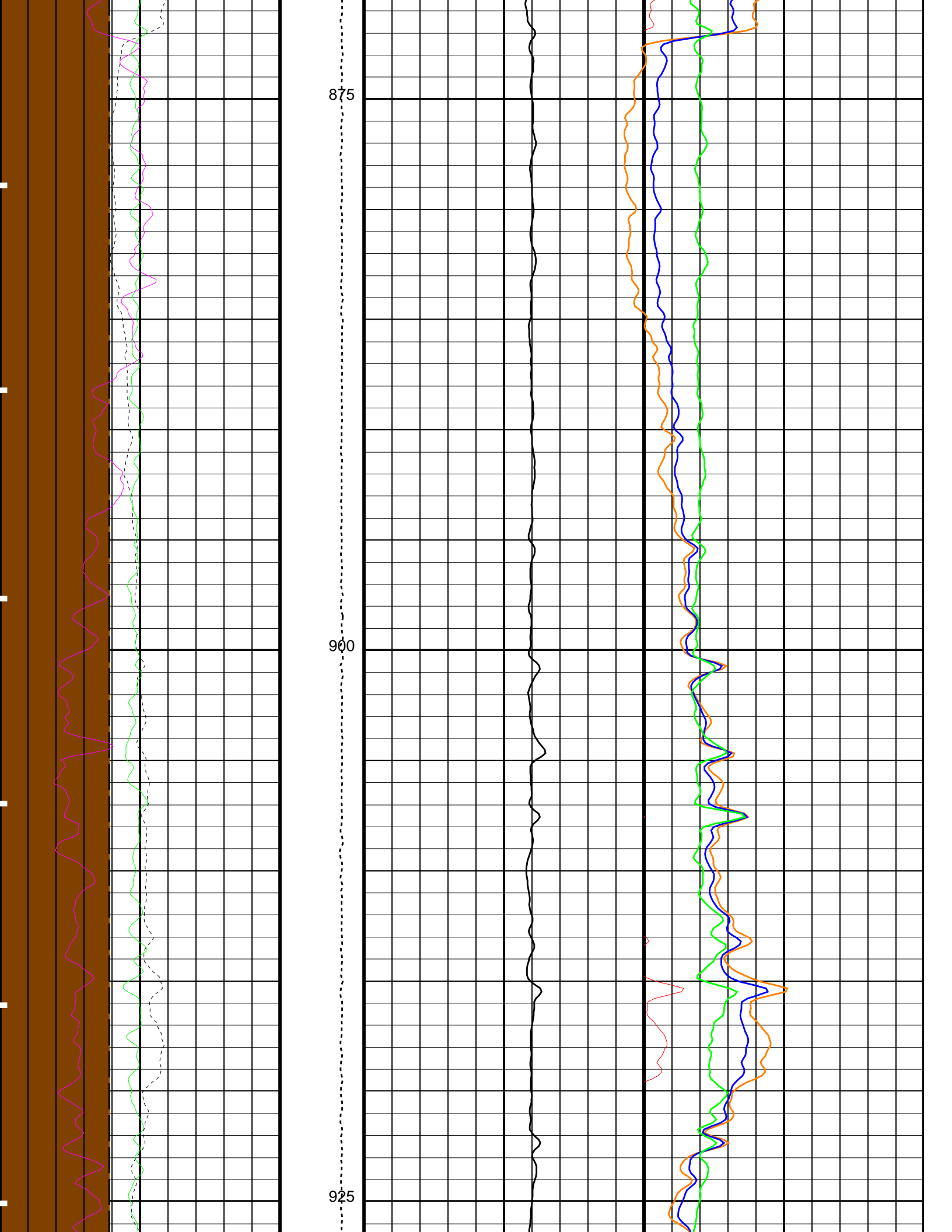


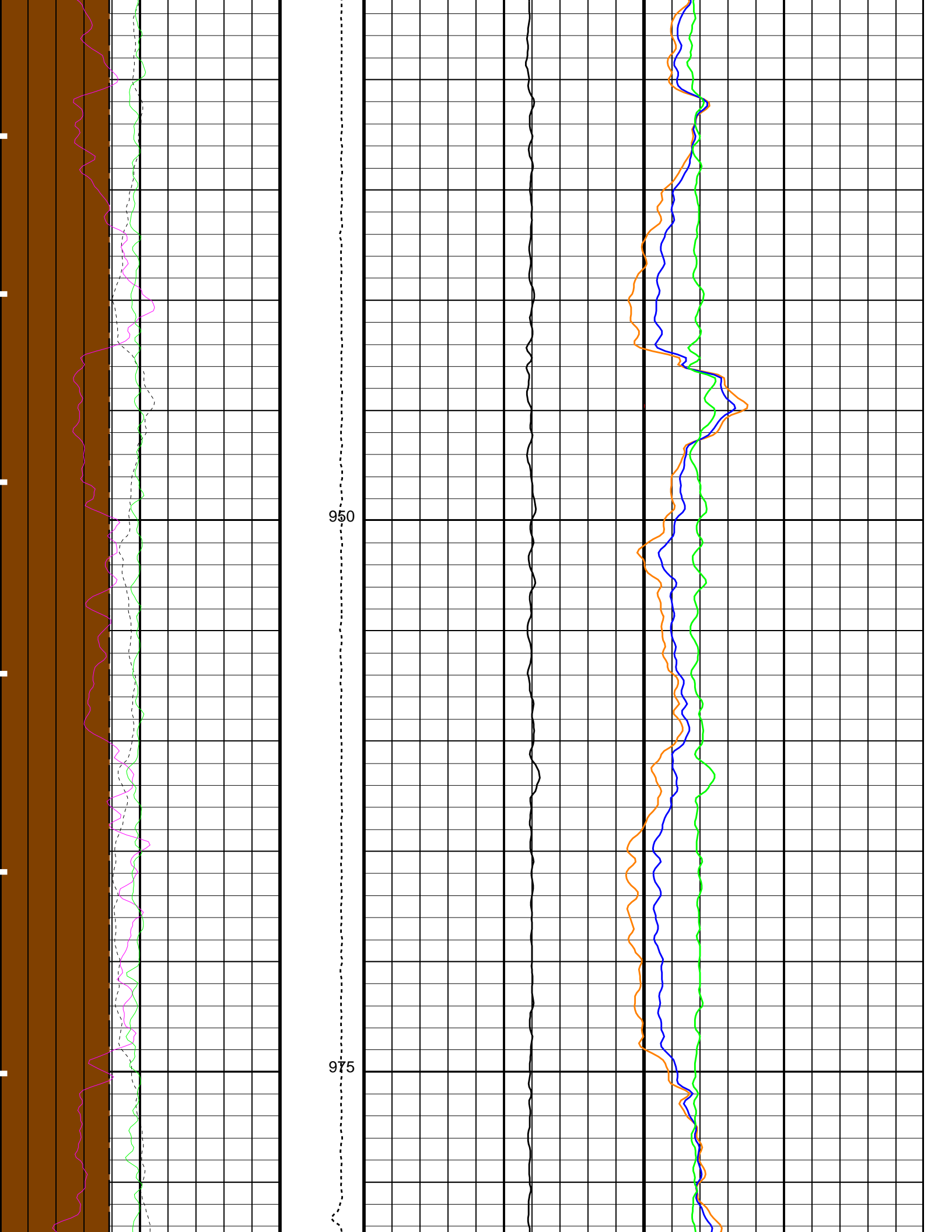
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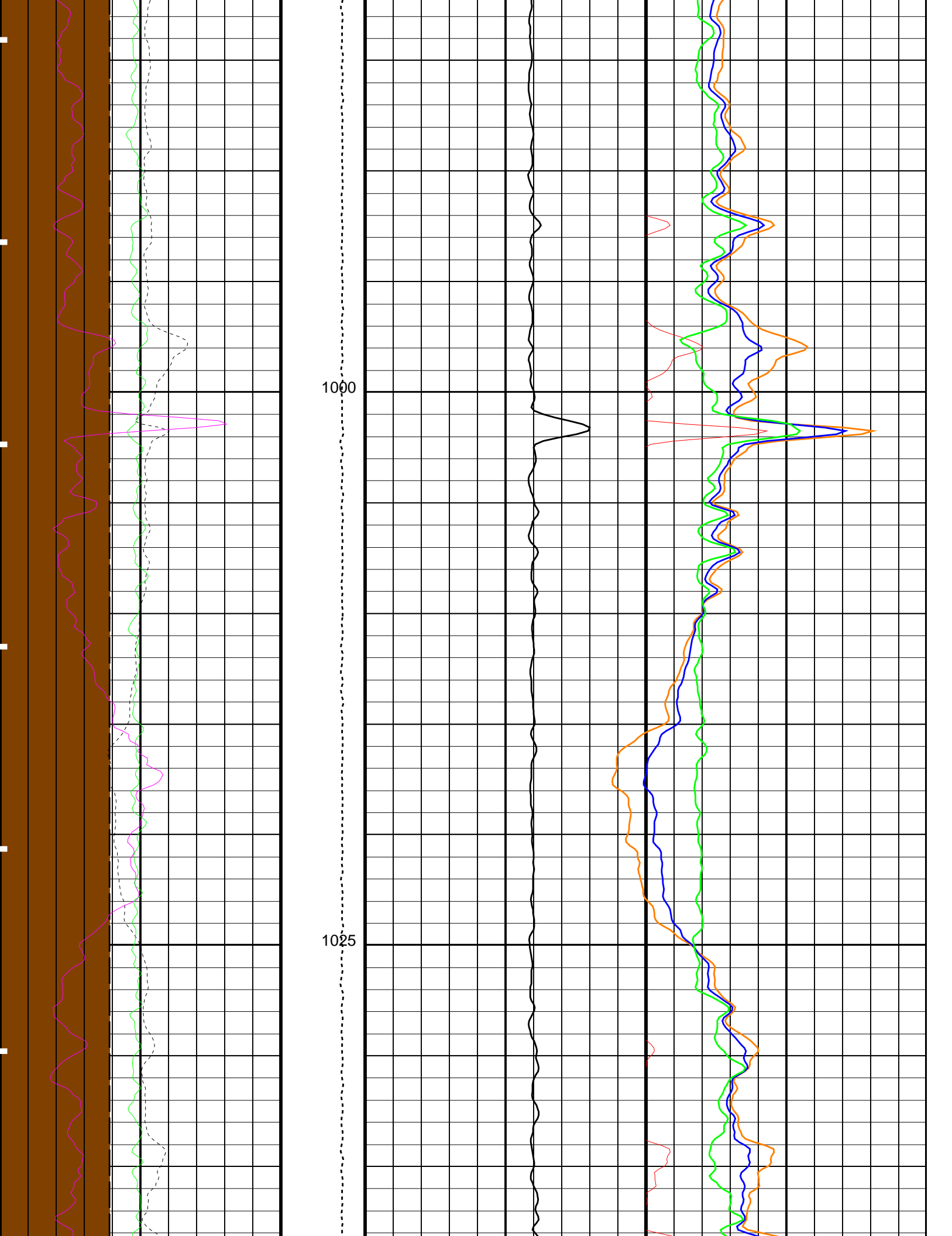
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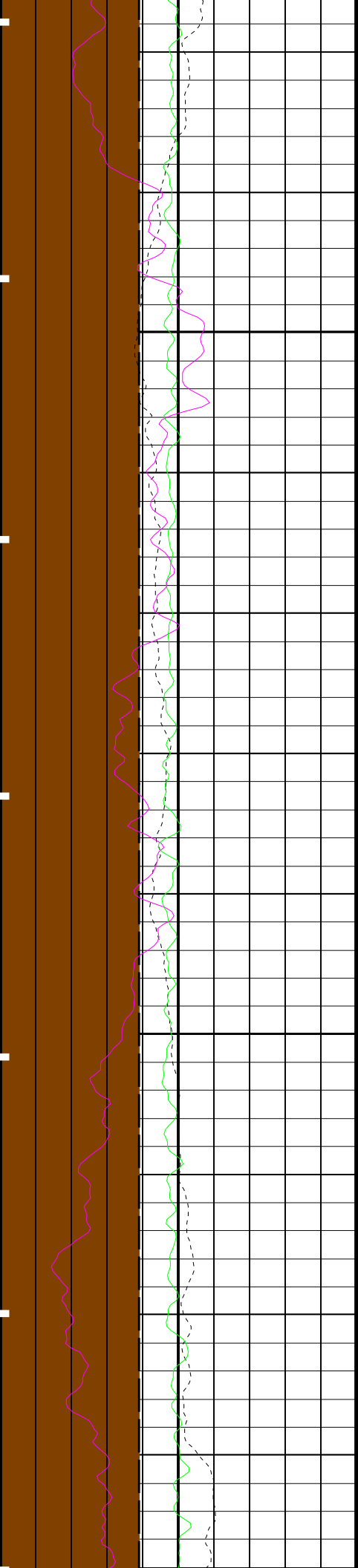






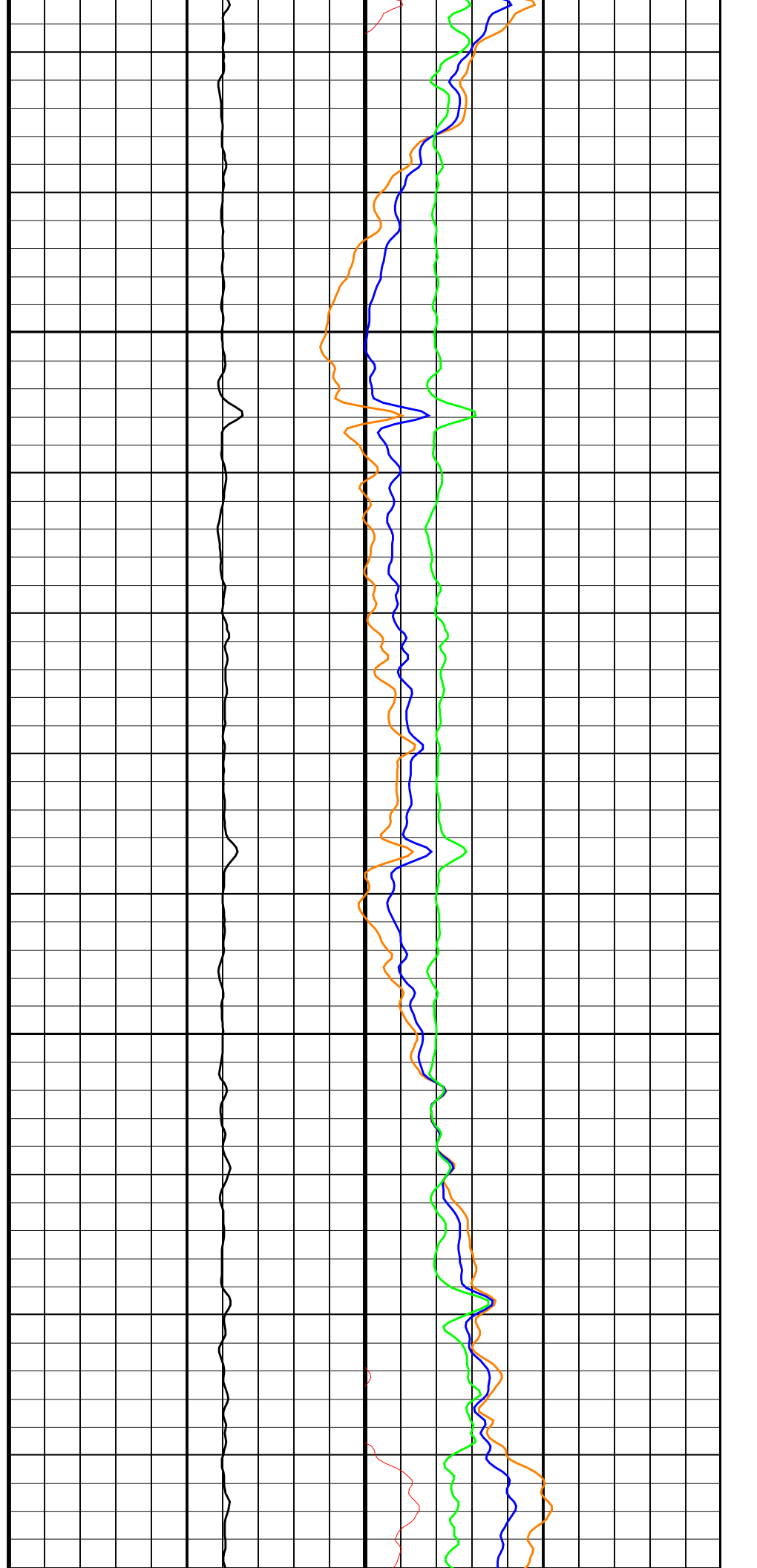


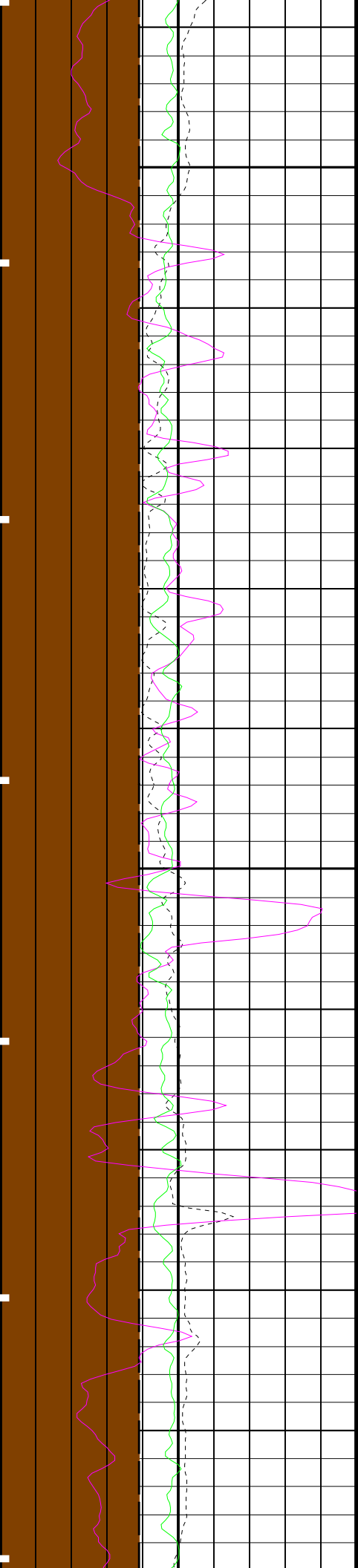




1050

1075

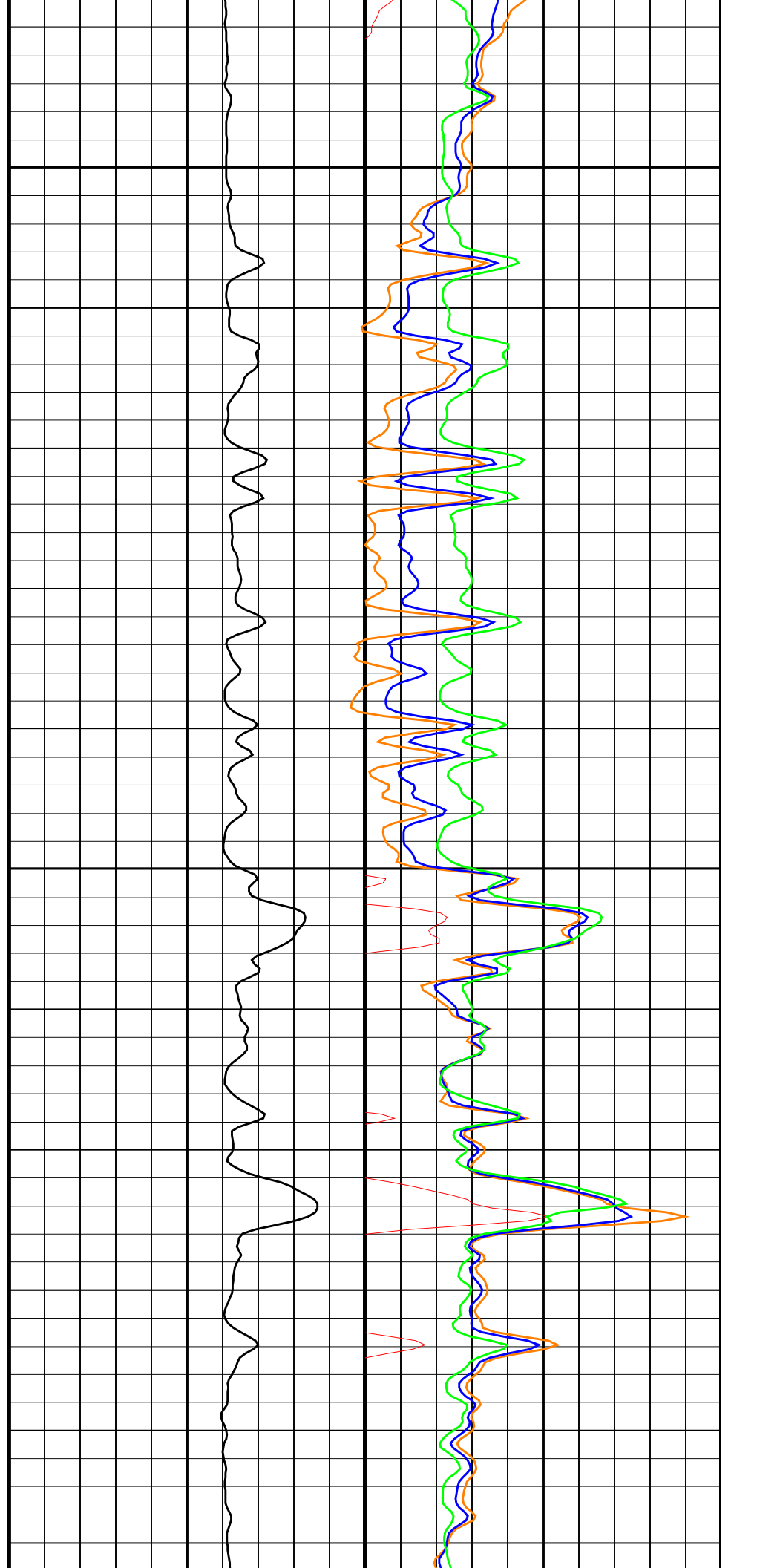


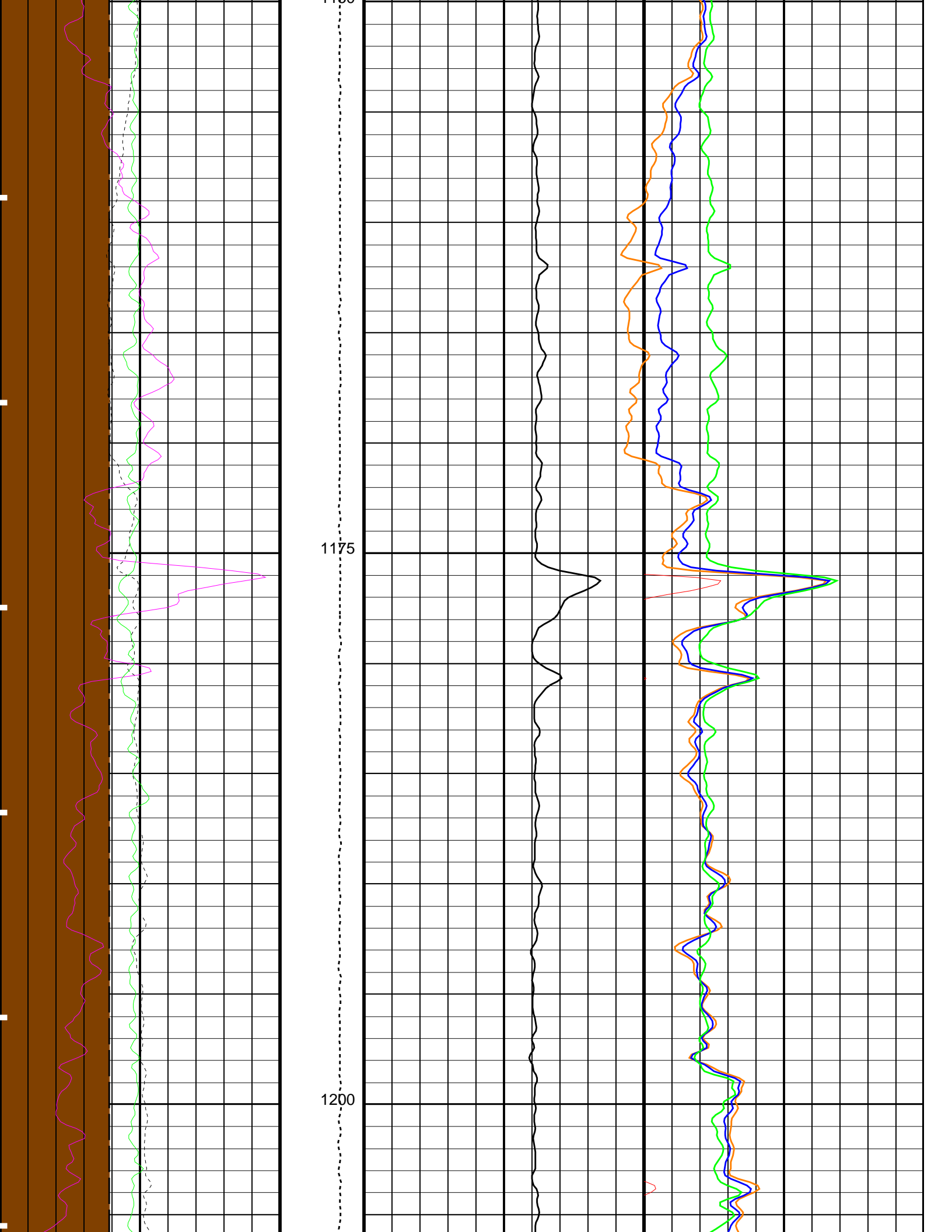


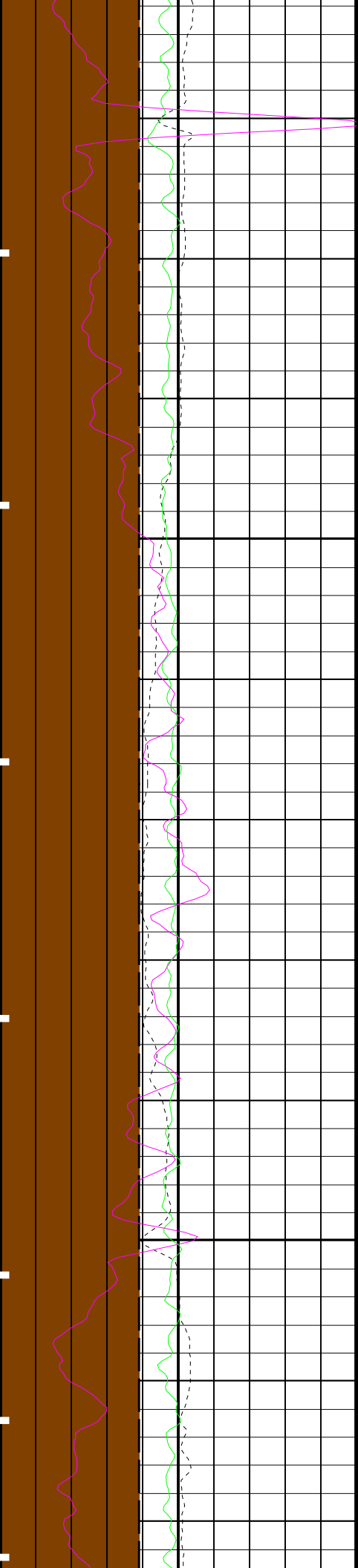
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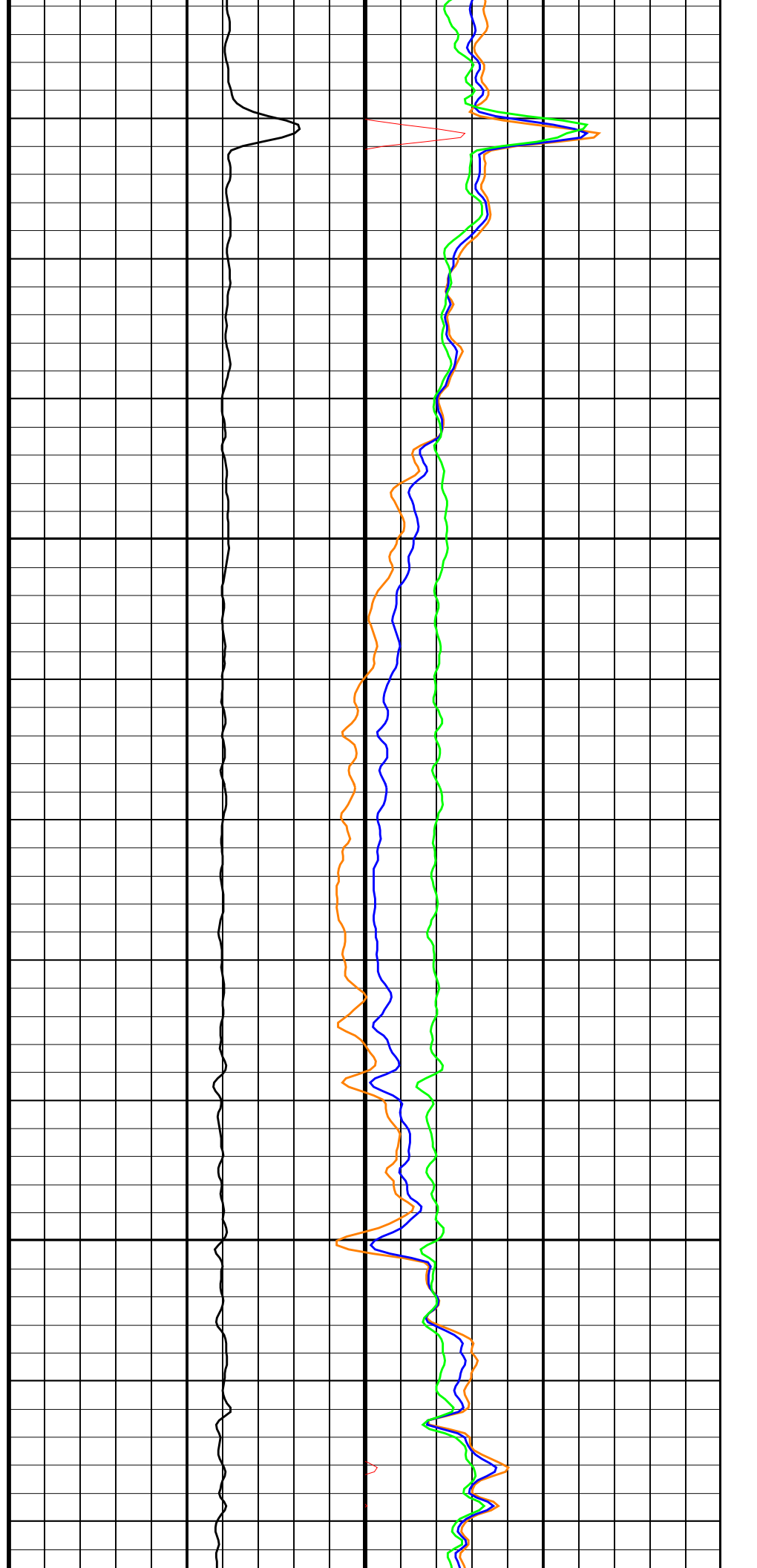


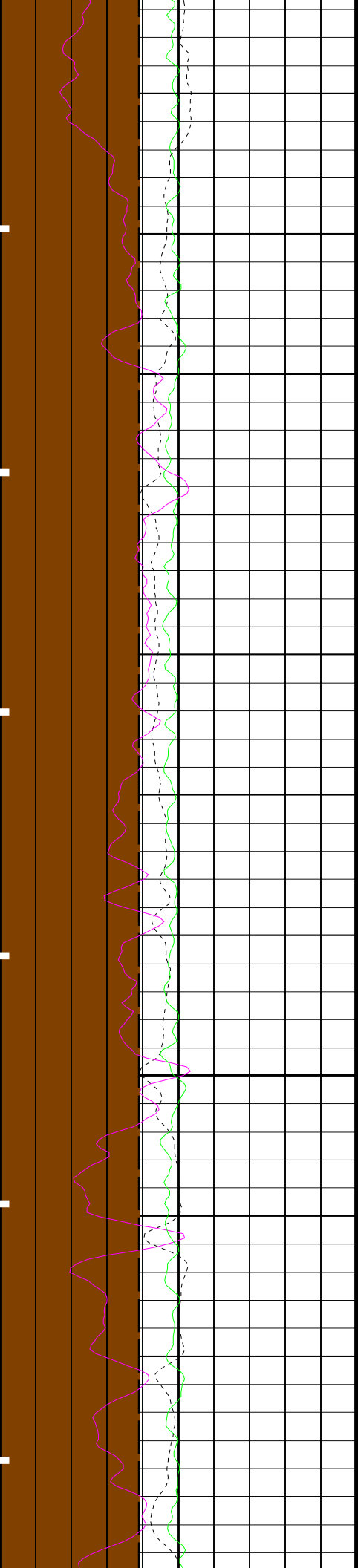




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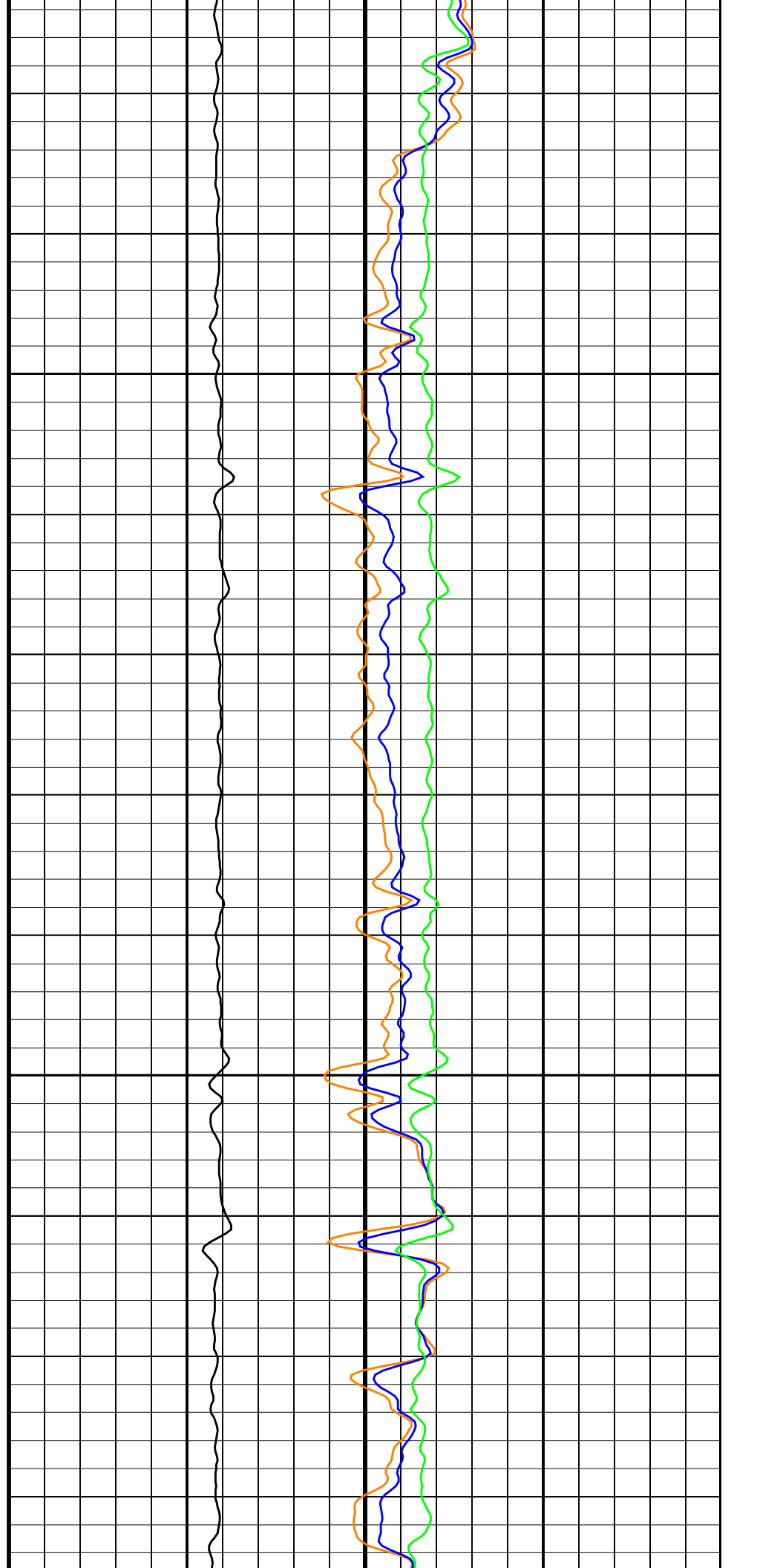
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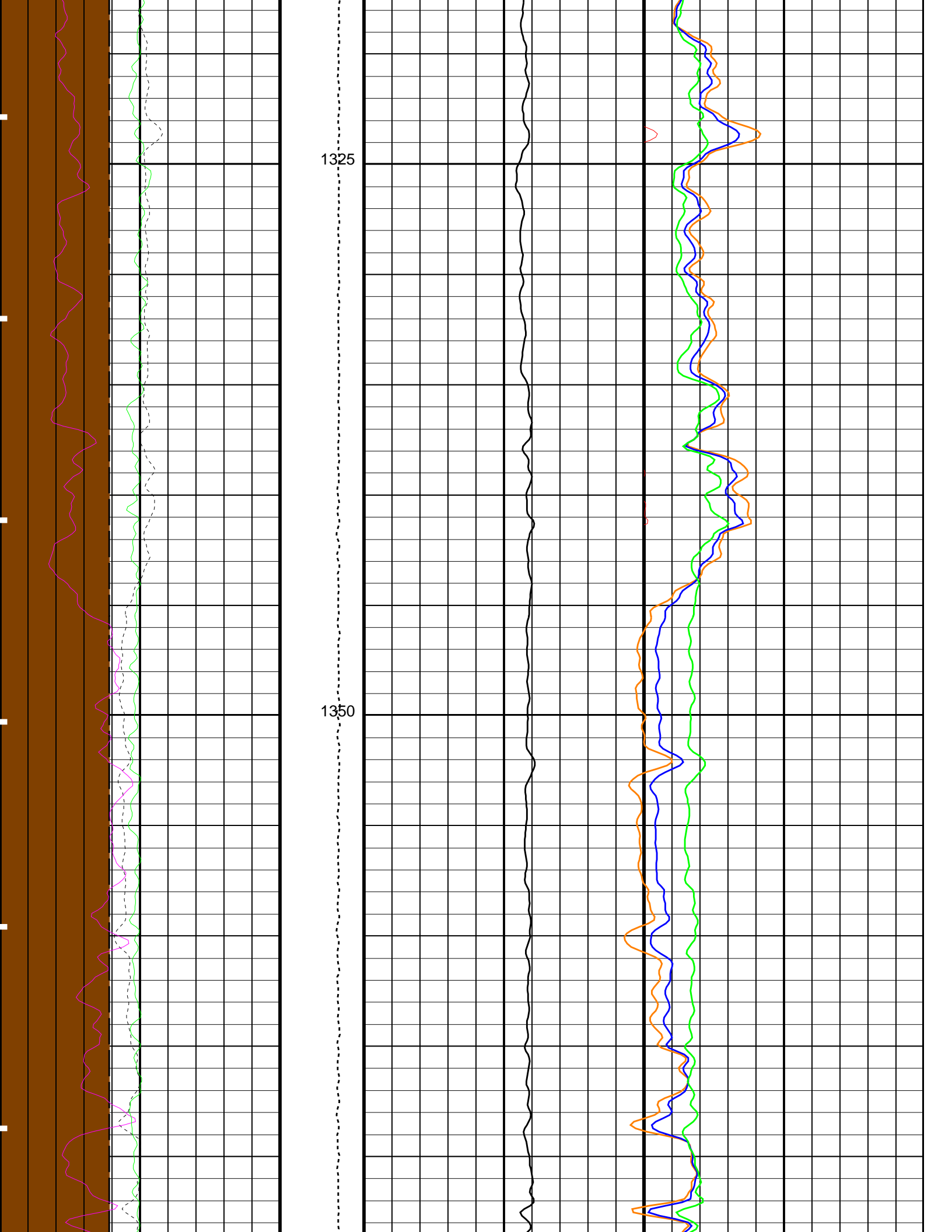


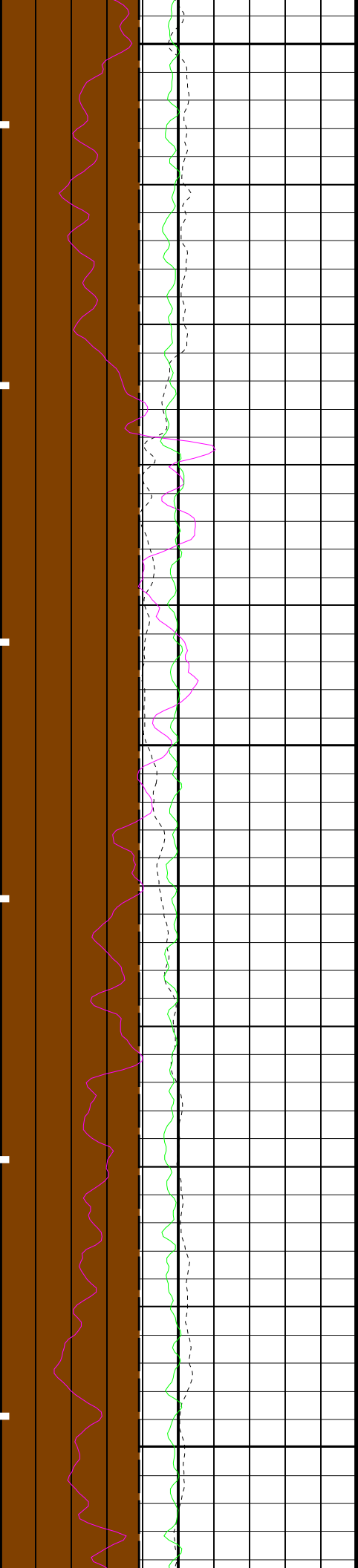


1275

1300



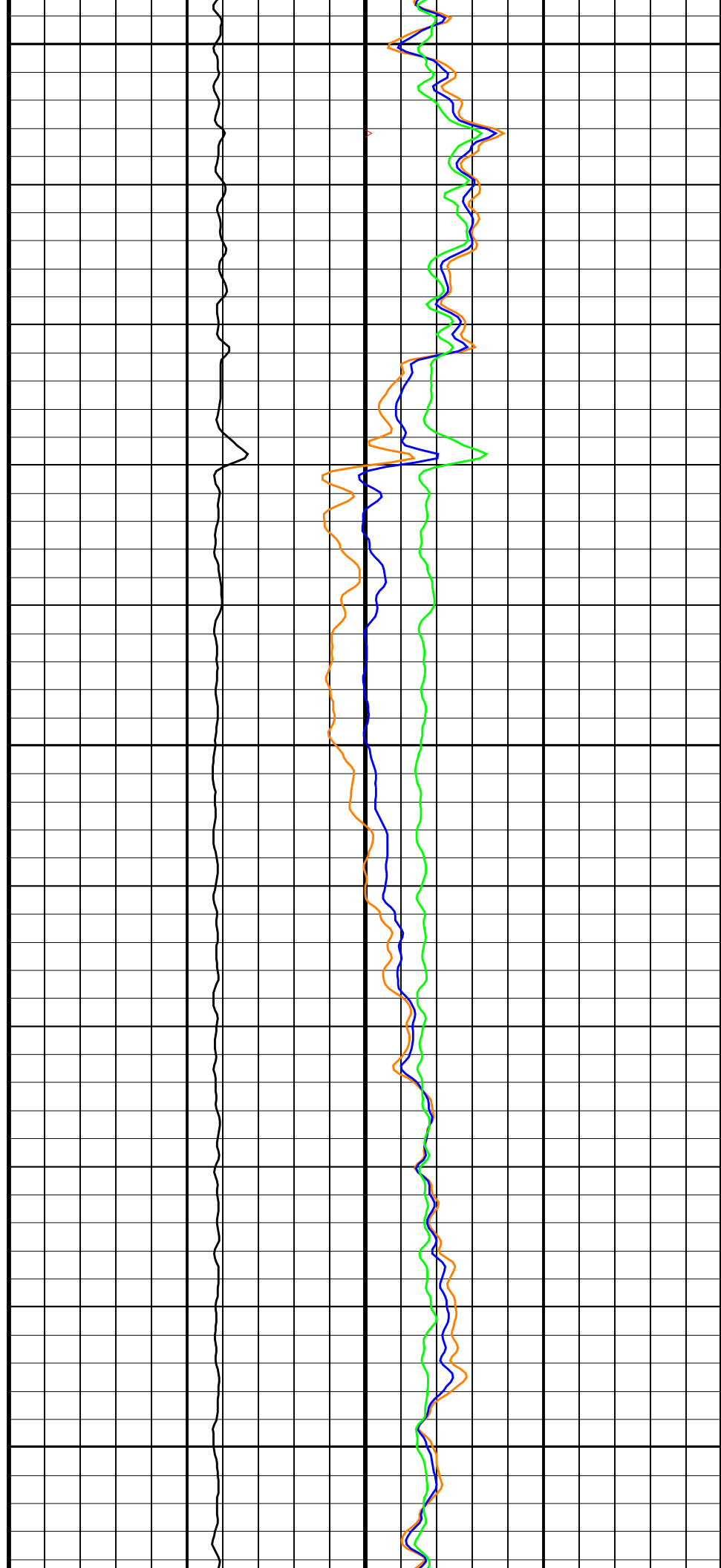


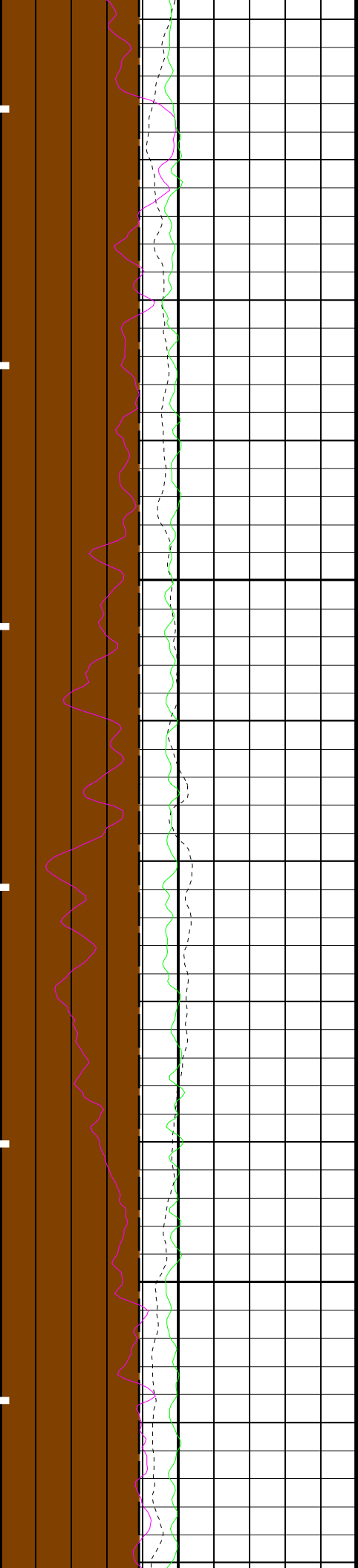


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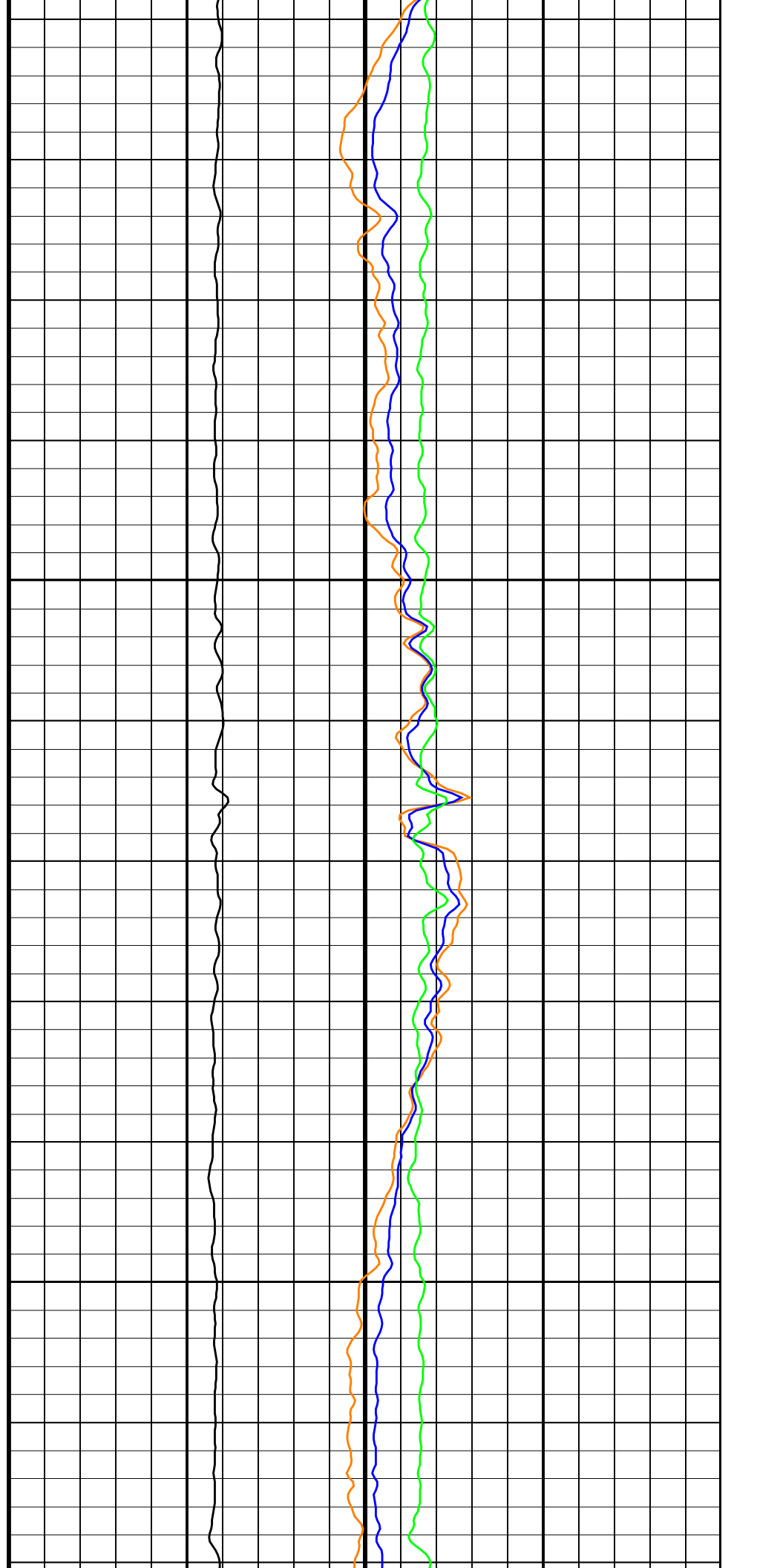
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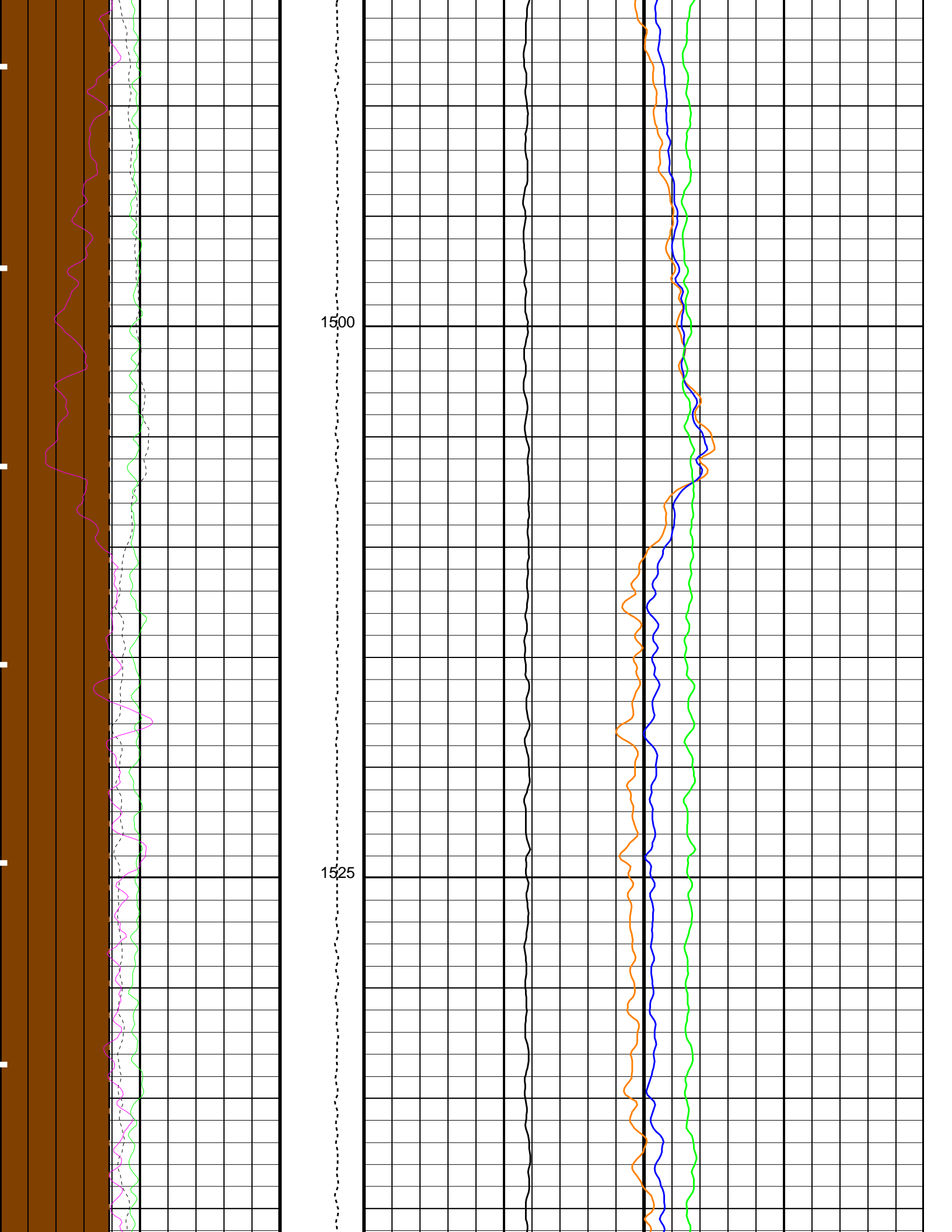


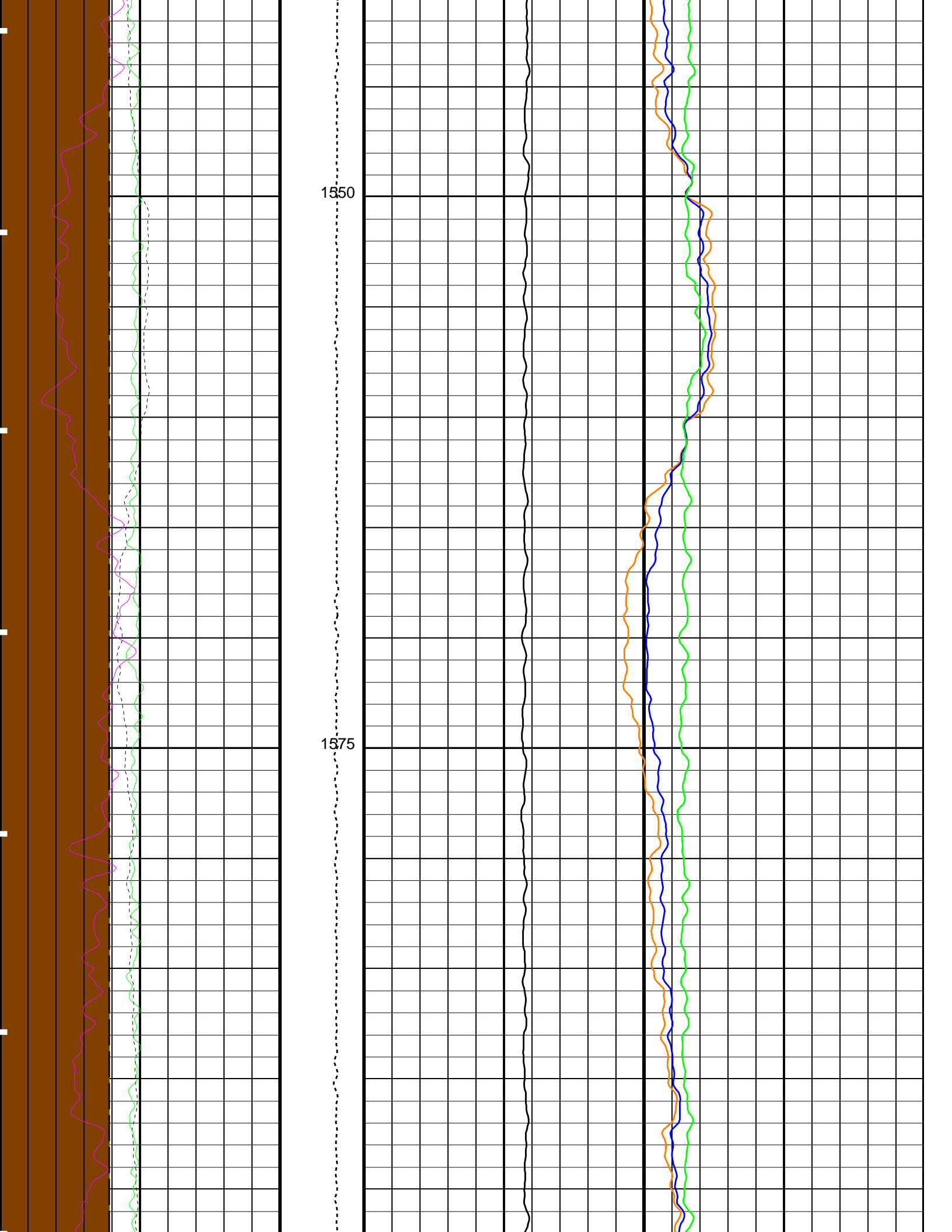


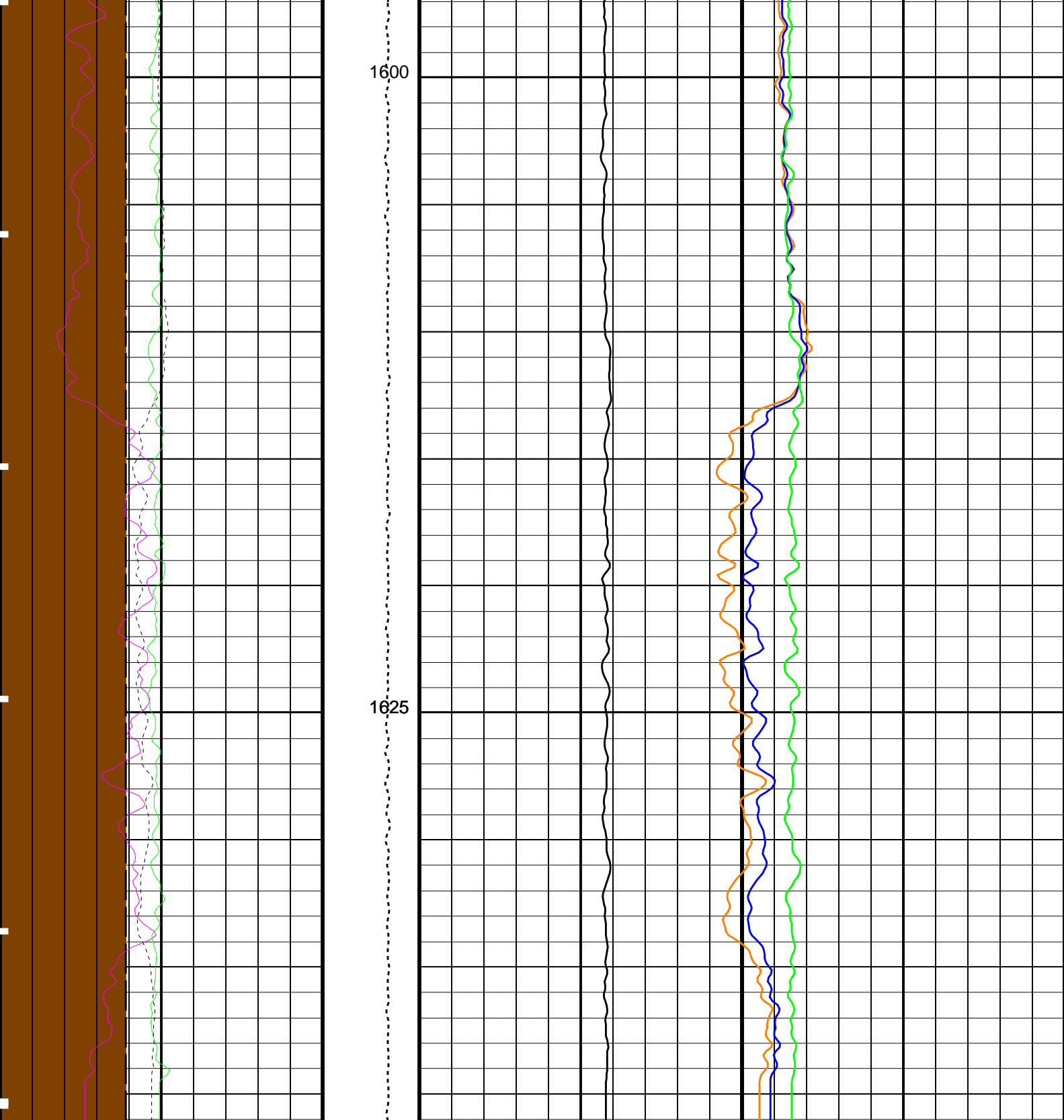
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1475





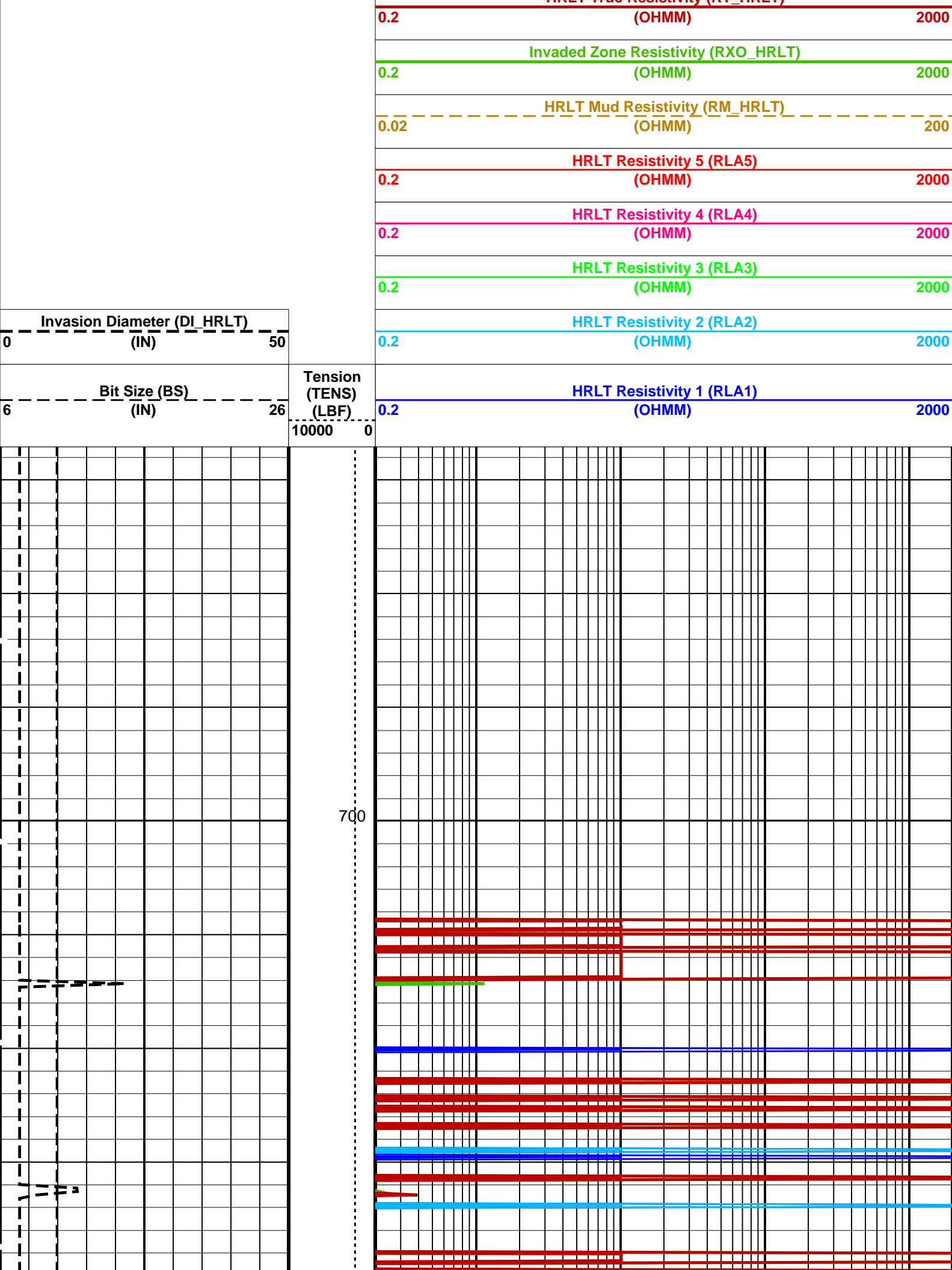


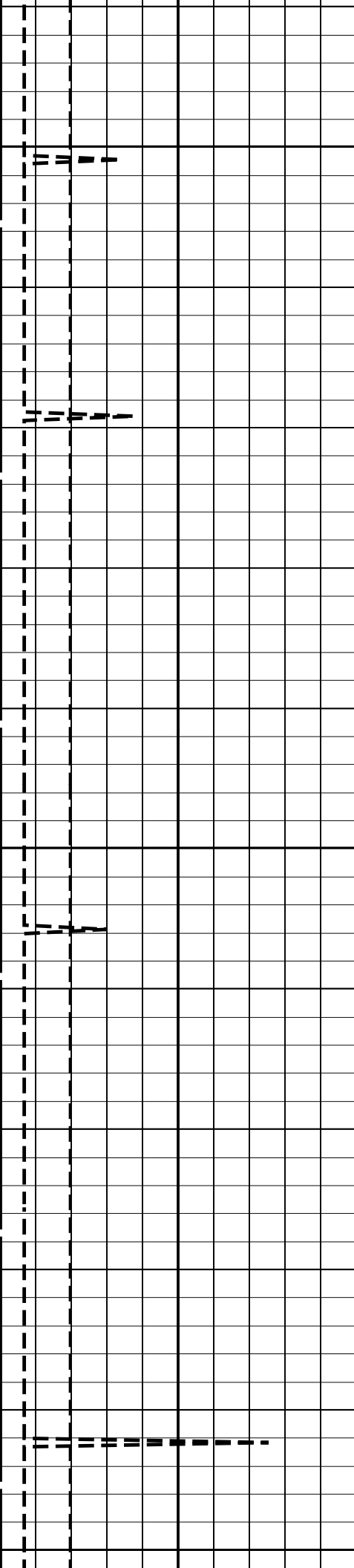


<div>HLDS Bulk Density Correction (DRH) -0.25 (G/C3) 0.25</div> <div>Bit Size (BS) 6 (IN) 16</div> <div>HLDS Caliper (LCAL) 6 (IN) 16</div> <div>Mudcake From HLDS_CALIPER to BS</div>	<div>Tension (TENS) (LBF) 10000 0</div>	<div>HLDS Bulk Density (RHOM) 2 (G/C3) 3</div>	
		<div>HLDS SS2 Density (RHS3) 2 (G/C3) 3</div>	<div>HLDS Density Porosity (DPO) 30 (PU) 0</div>
		<div>HLDS Long Spaced Bulk Density (RHL) 2 (G/C3) 3</div>	
		<div>HLDS Short Spaced Photoelectric Effect (PEFS) 0 (----) 10</div>	

<div>Washout</div> <div>From BS to HLDS_CALIPER</div>	HLDS Long Spaced Photoelectric Effect (PEFL)			
	0	(----)	10	
	HLDS Short Spaced Bulk Density (RHS)			
	2	(G/C3)	3	
HLDS Short Spacing Quality Indicator (LQSS)	-0.25	(----)	0.25	
HLDS Long Spacing Quality Indicator (LQLS)	-0.25	(----)	0.25	
PIP SUMMARY				
<div>Time Mark Every 60 S</div>				
Parameters				
DLIS Name	Description	Value		
HLDS: Hostile Litho-Density Sonde				
DHC	Density Hole Correction	CALIPER		
DPPM	Density Porosity Processing Mode	HIRS		
FD	Fluid Density	1	G/C3	
LATC	HLDS Activation Correction	OFF		
MDEN	Matrix Density	2.71	G/C3	
EDTC-B: Enhanced DTS Cartridge				
DPPM	Density Porosity Processing Mode	HIRS		
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: HLDSDensityPE Vertical Scale: 1:200 Graphics File Created: 25-Sep-2023 08:25				
OP System Version: 19C0-187				
MSS_LDEO-A	19C0-187	DSST-B	19C0-187	
HRLT-B	19C0-187	HLDS	19C0-187	
LDSC-B	19C0-187	HNGC-B	19C0-187	
HNGS-BA	19C0-187	EDTC-B	19C0-187	
Input DLIS Files				
DEFAULT	Flip_MSS_LDEO_DSI_007LUP	PRODUCER	25-Sep-2023 05:57	1639.1 M 683.5 M
Output DLIS Files				
DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER	25-Sep-2023 08:25
Company: International Ocean Discovery Program Well: Expedition 400, Site U1607A				
Input DLIS Files				
DEFAULT	Flip_MSS_LDEO_DSI_007LUP	PRODUCER	25-Sep-2023 05:57	1639.1 M 683.5 M
Output DLIS Files				
DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER	25-Sep-2023 08:25 1641.0 M 683.5 M
OP System Version: 19C0-187				
MSS_LDEO-A	19C0-187	DSST-B	19C0-187	
HRLT-B	19C0-187	HLDS	19C0-187	
LDSC-B	19C0-187	HNGC-B	19C0-187	
HNGS-BA	19C0-187	EDTC-B	19C0-187	
PIP SUMMARY				
<div>Time Mark Every 60 S</div>				

HRLT True Resistivity (RT HRLT)

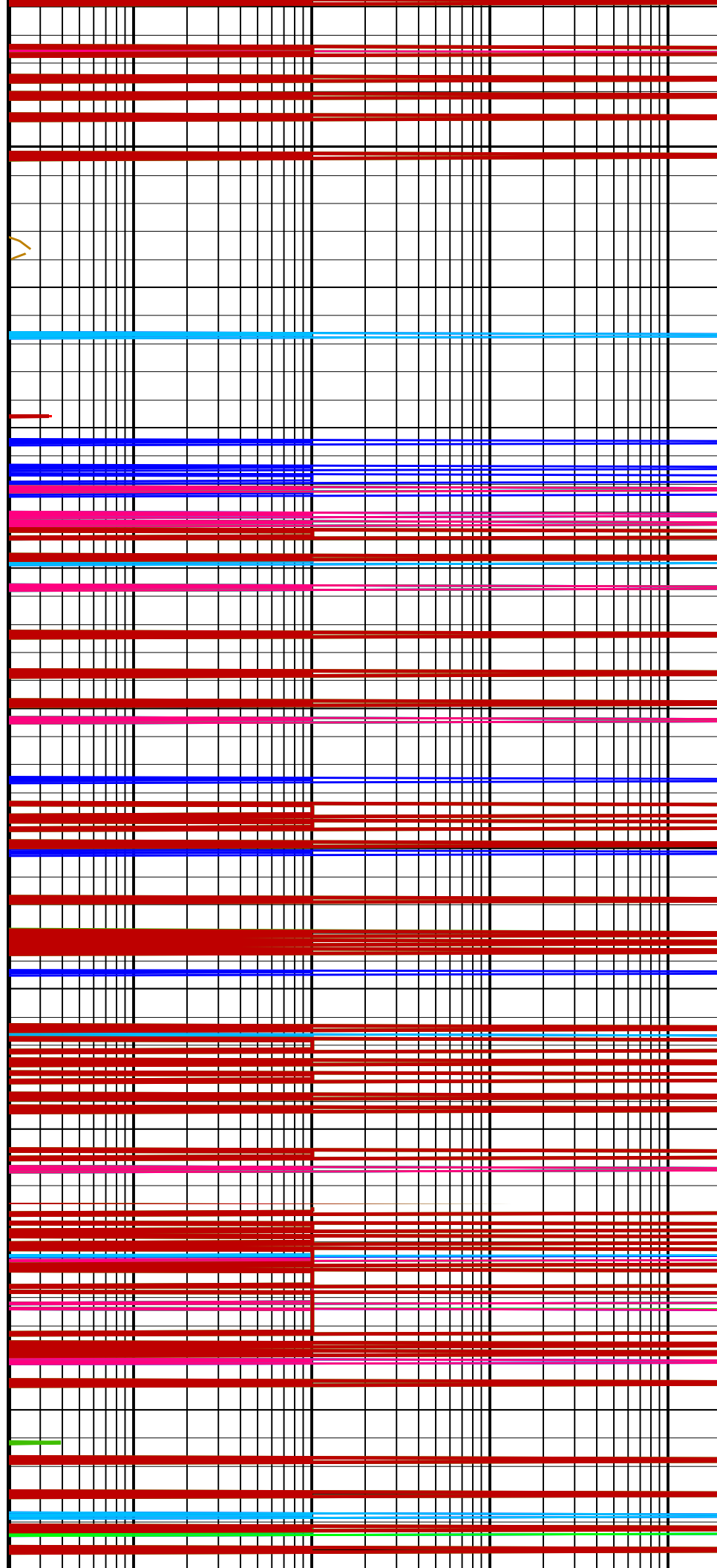


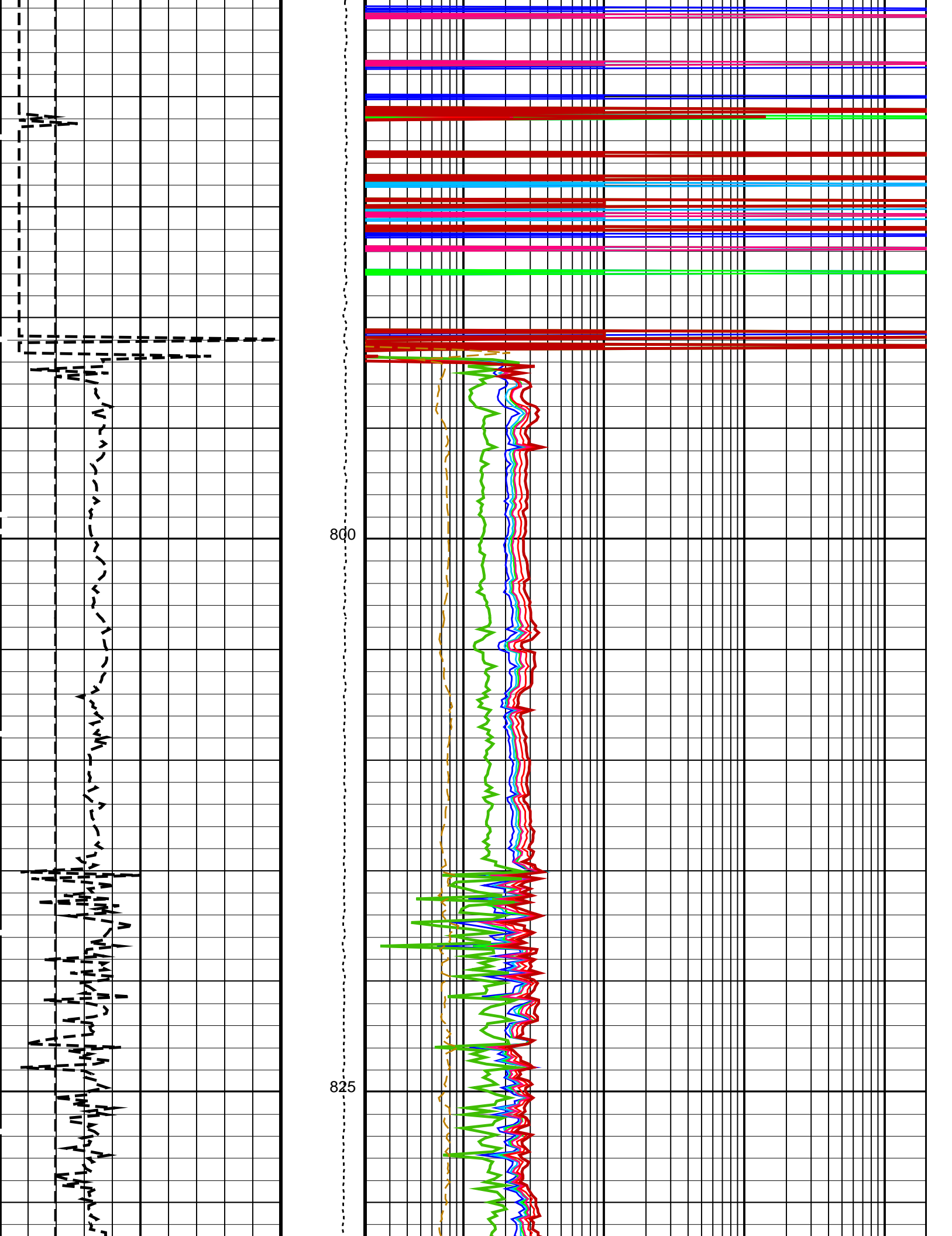


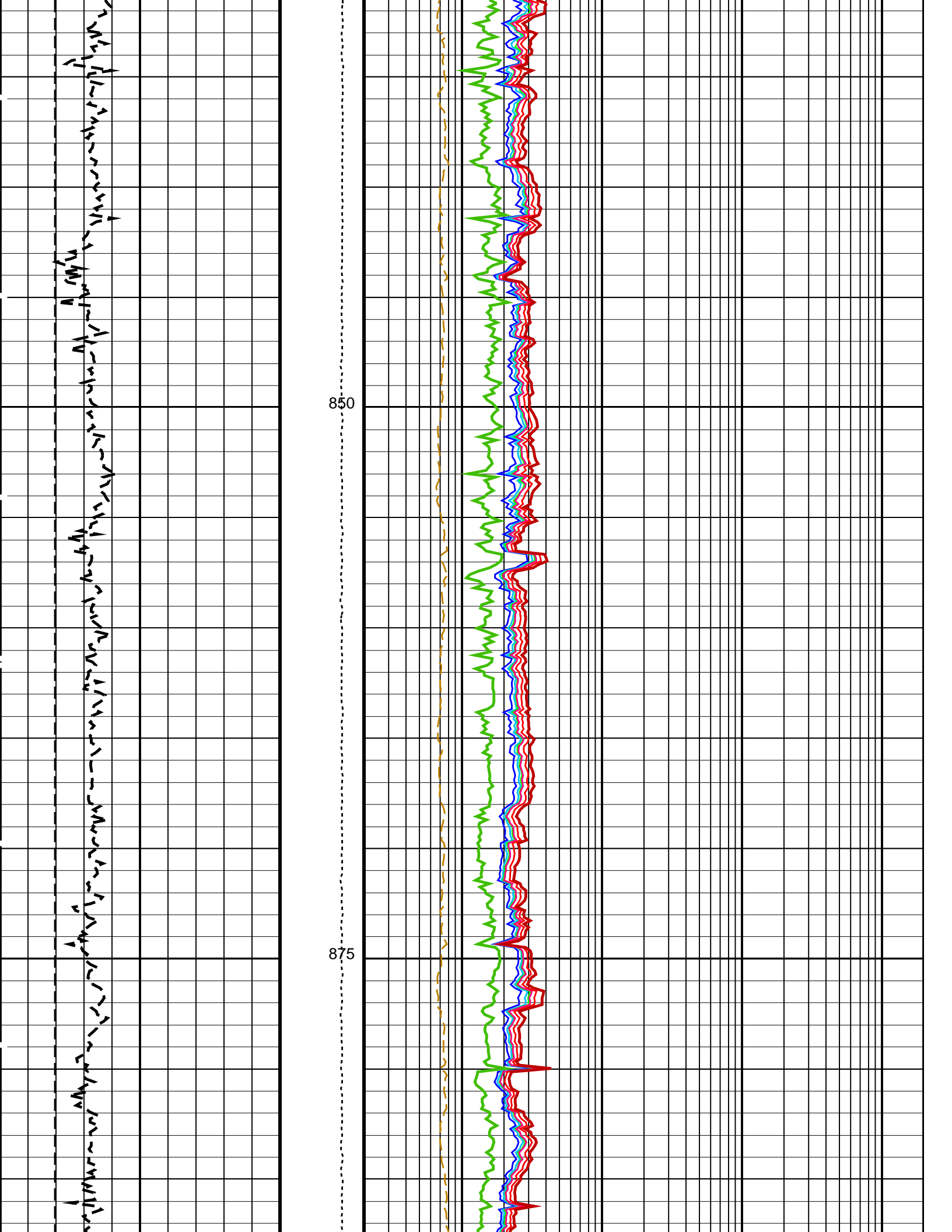
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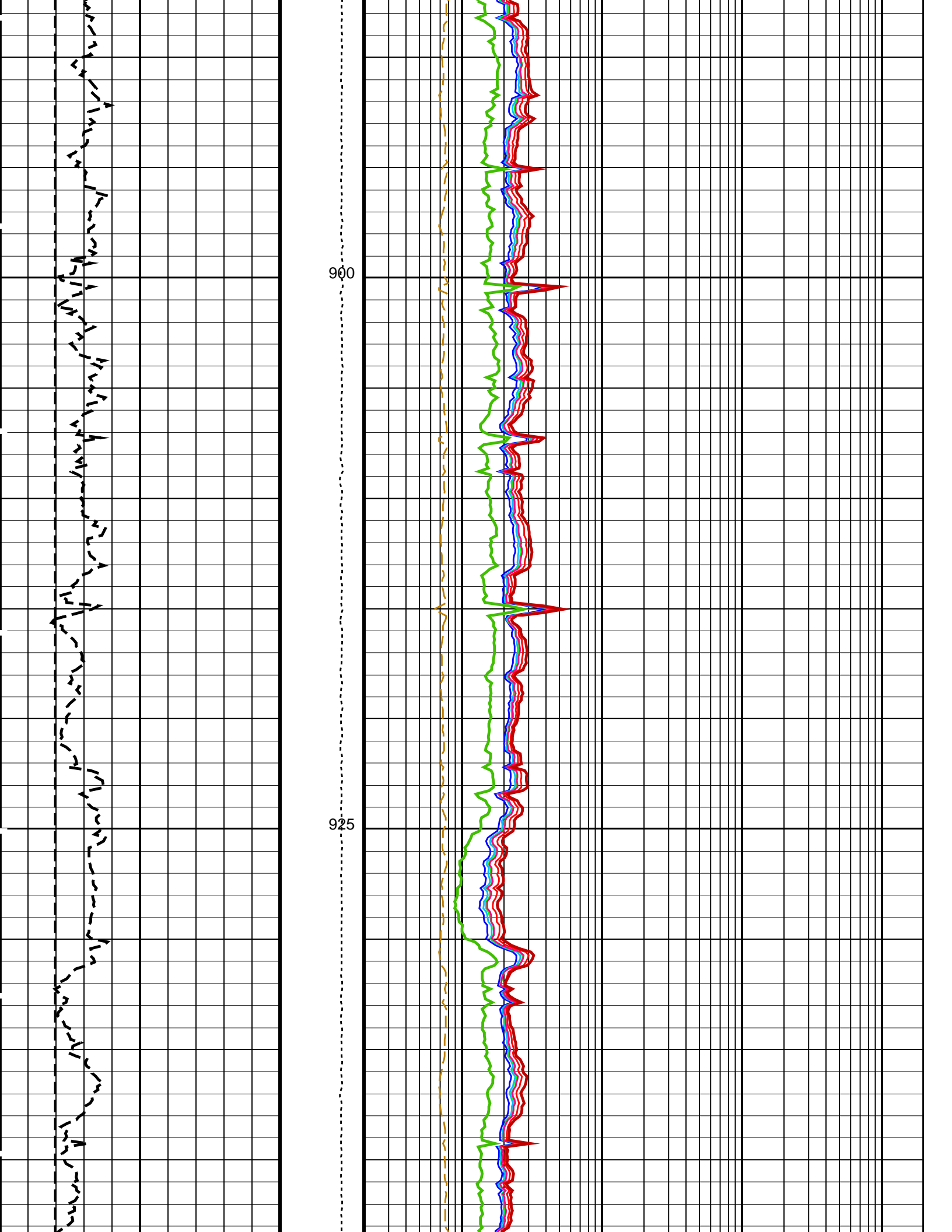
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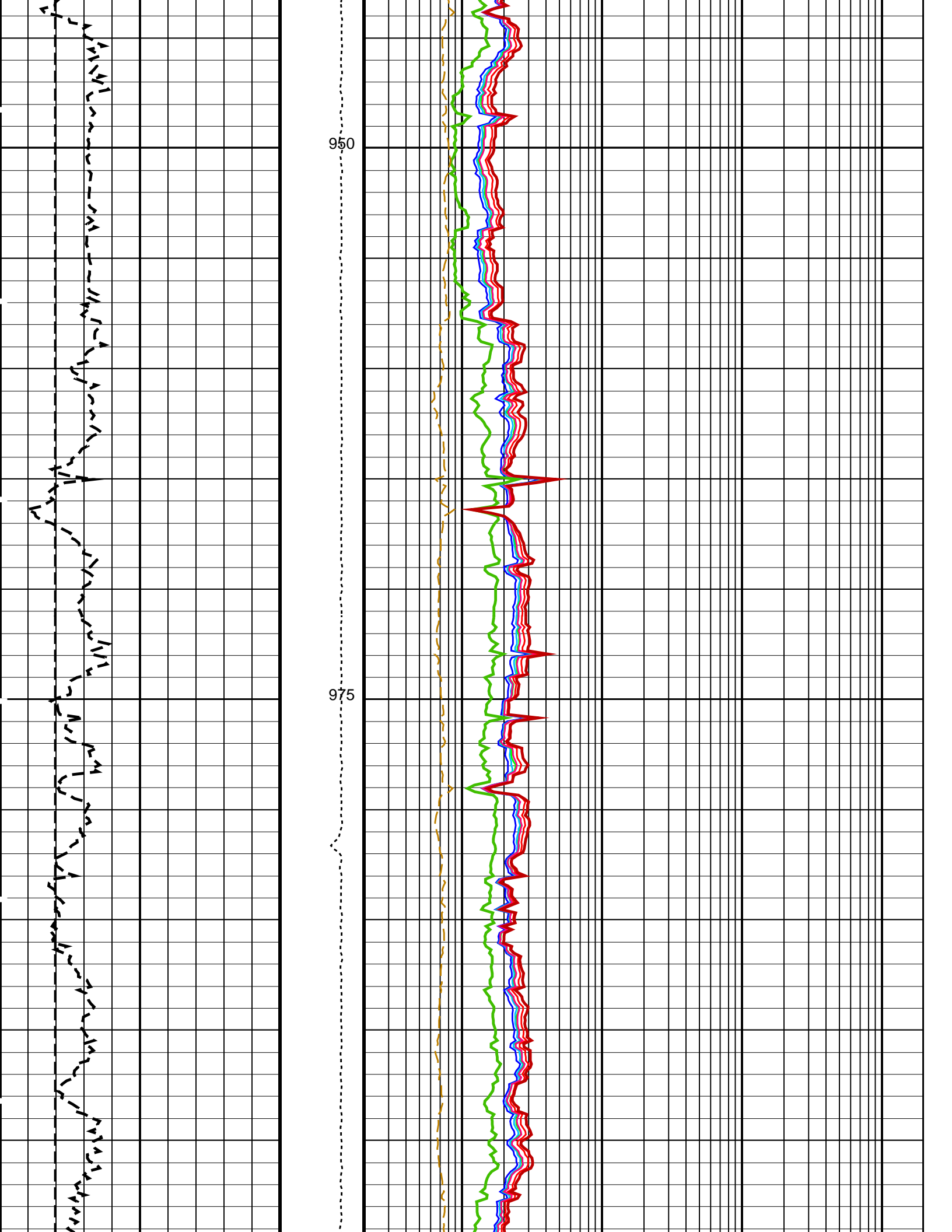
775

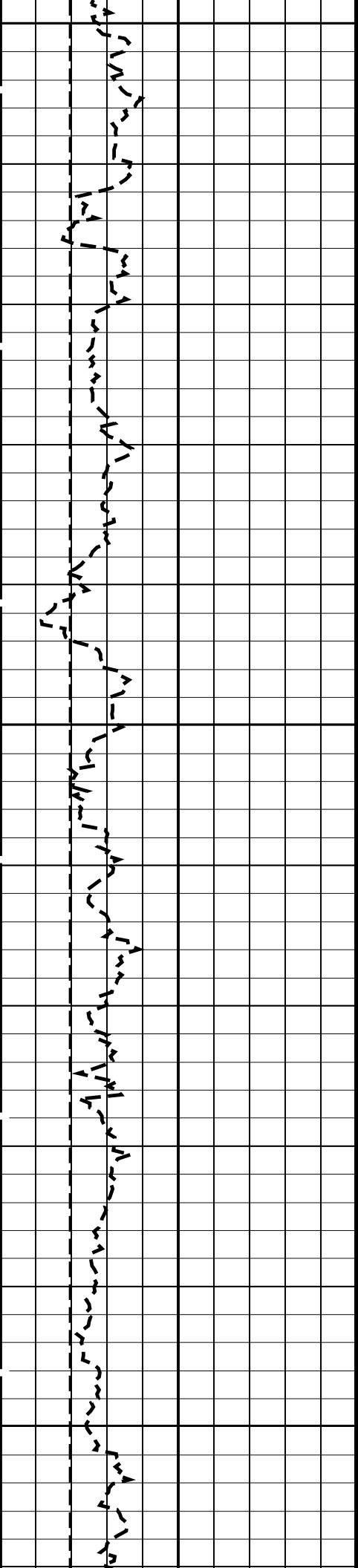








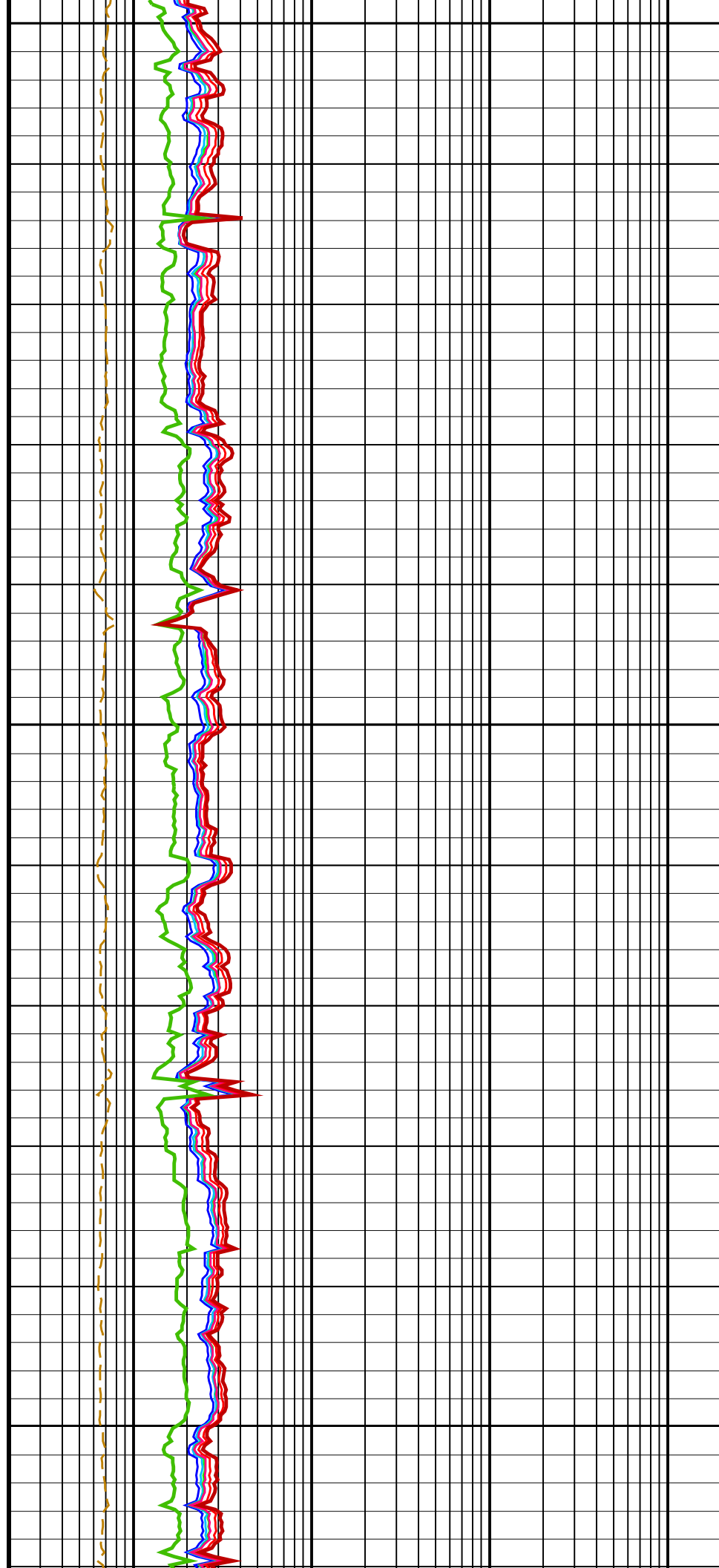


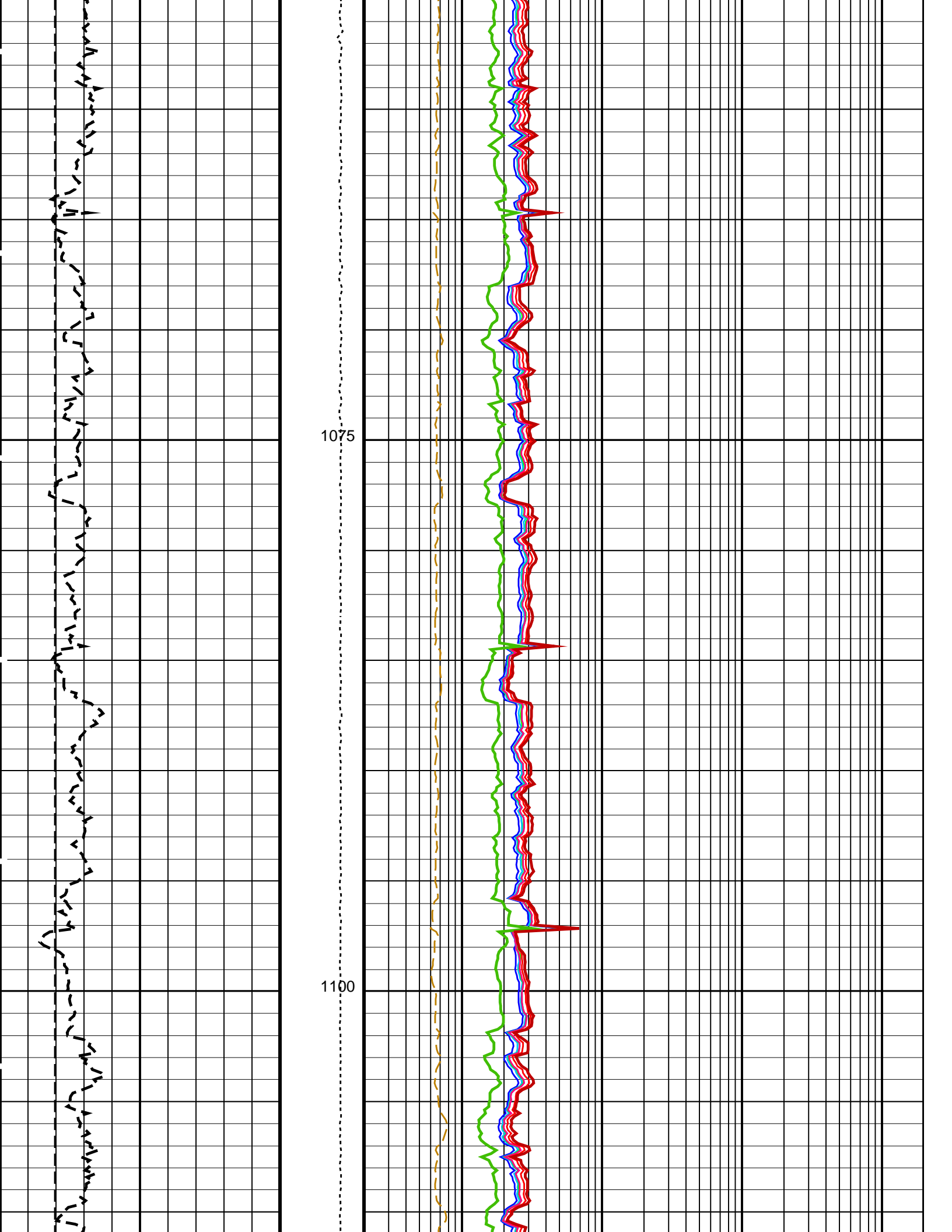


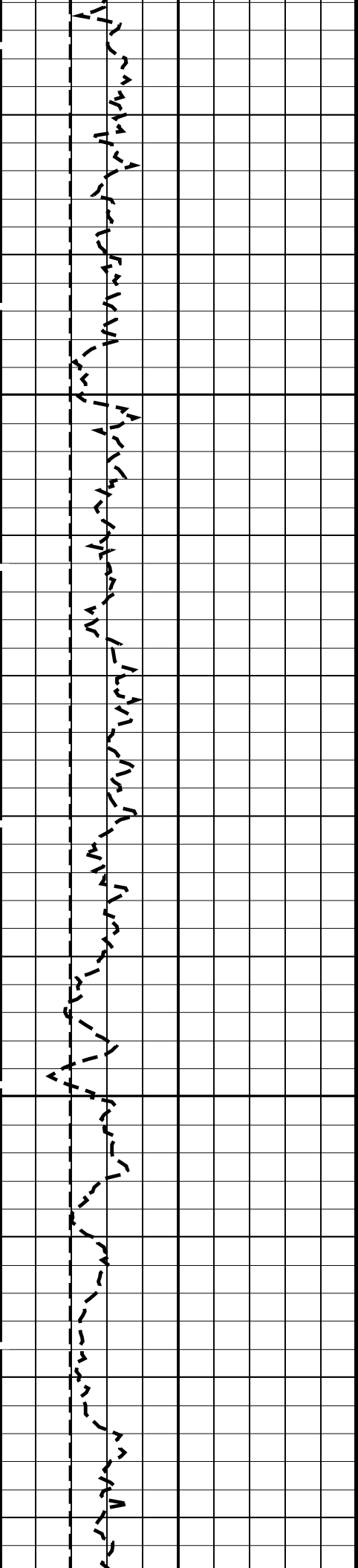
1000

1025

1050

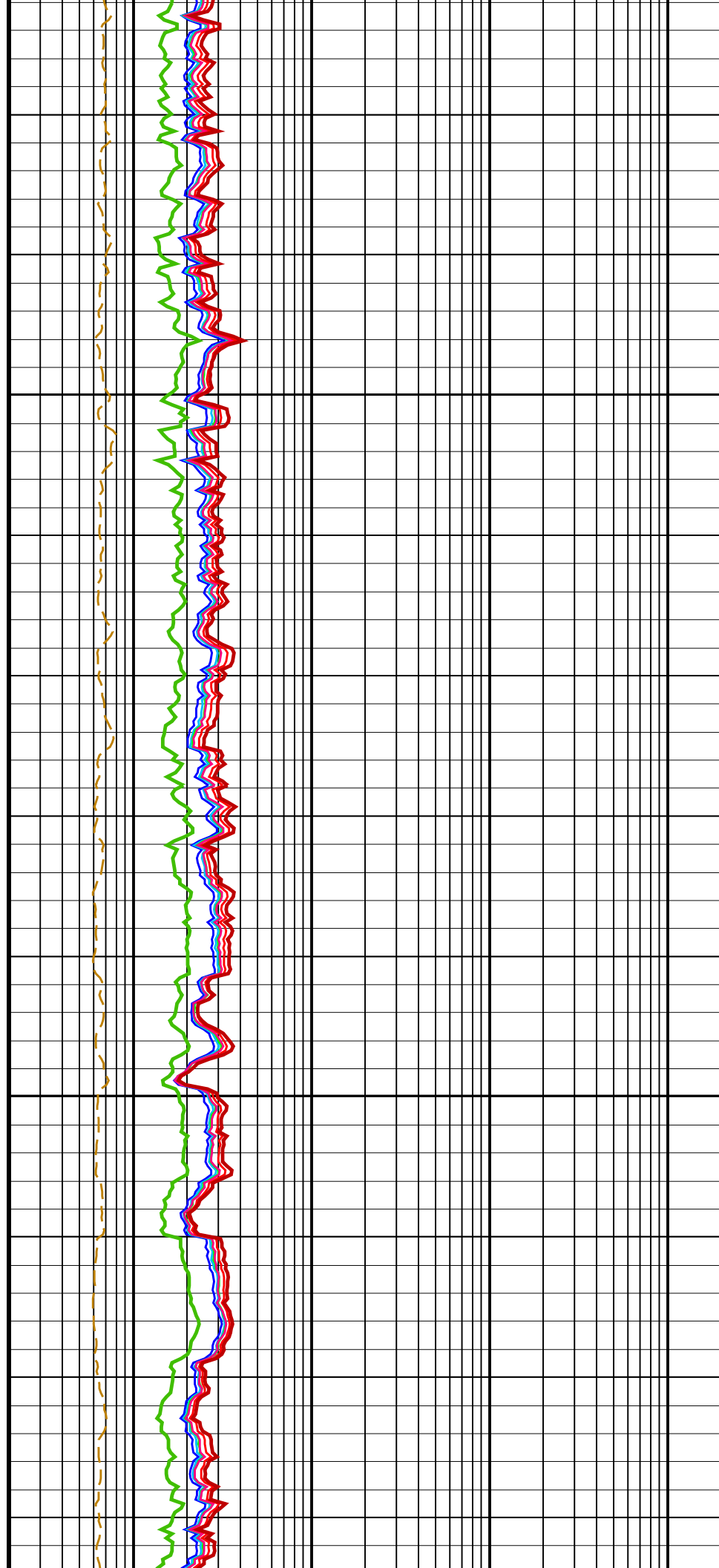


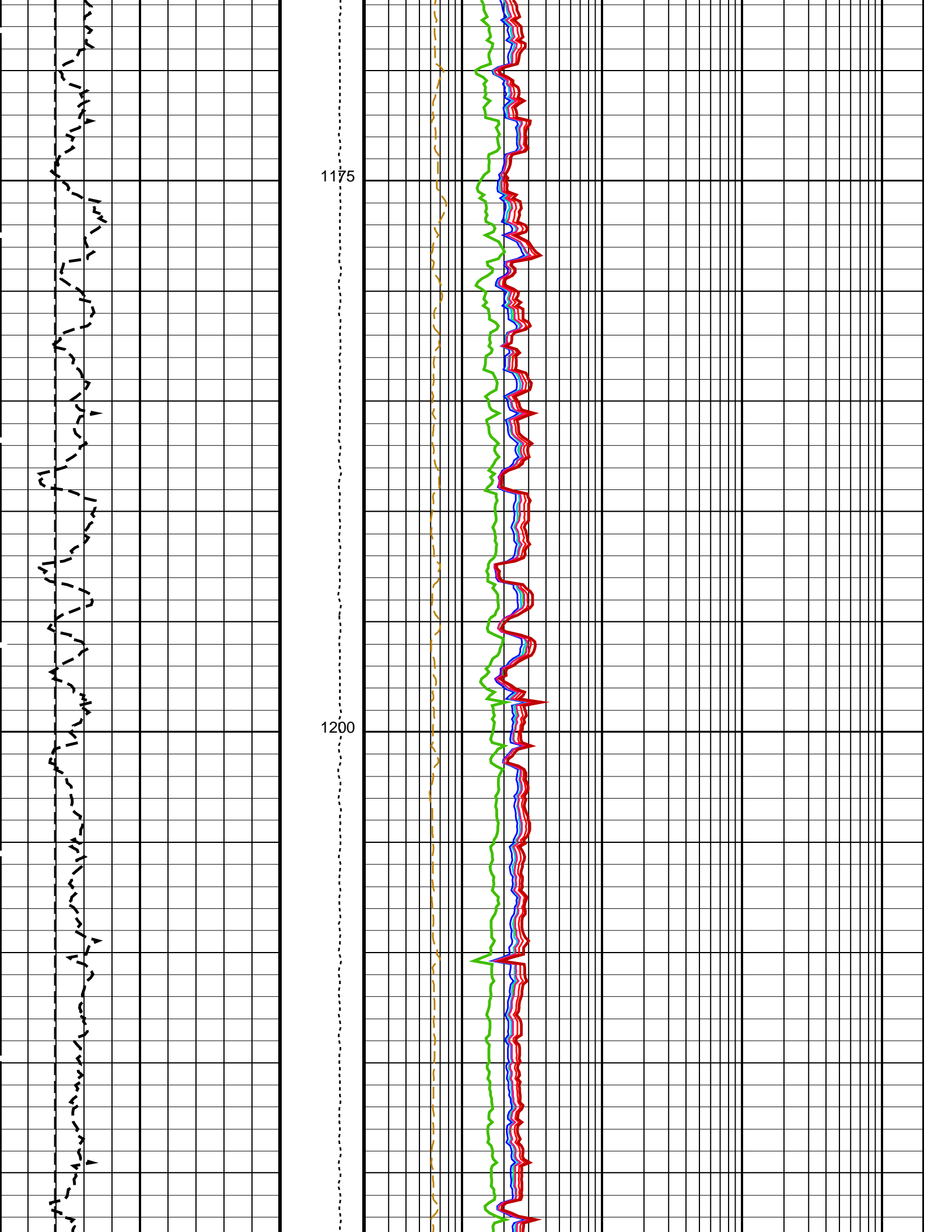


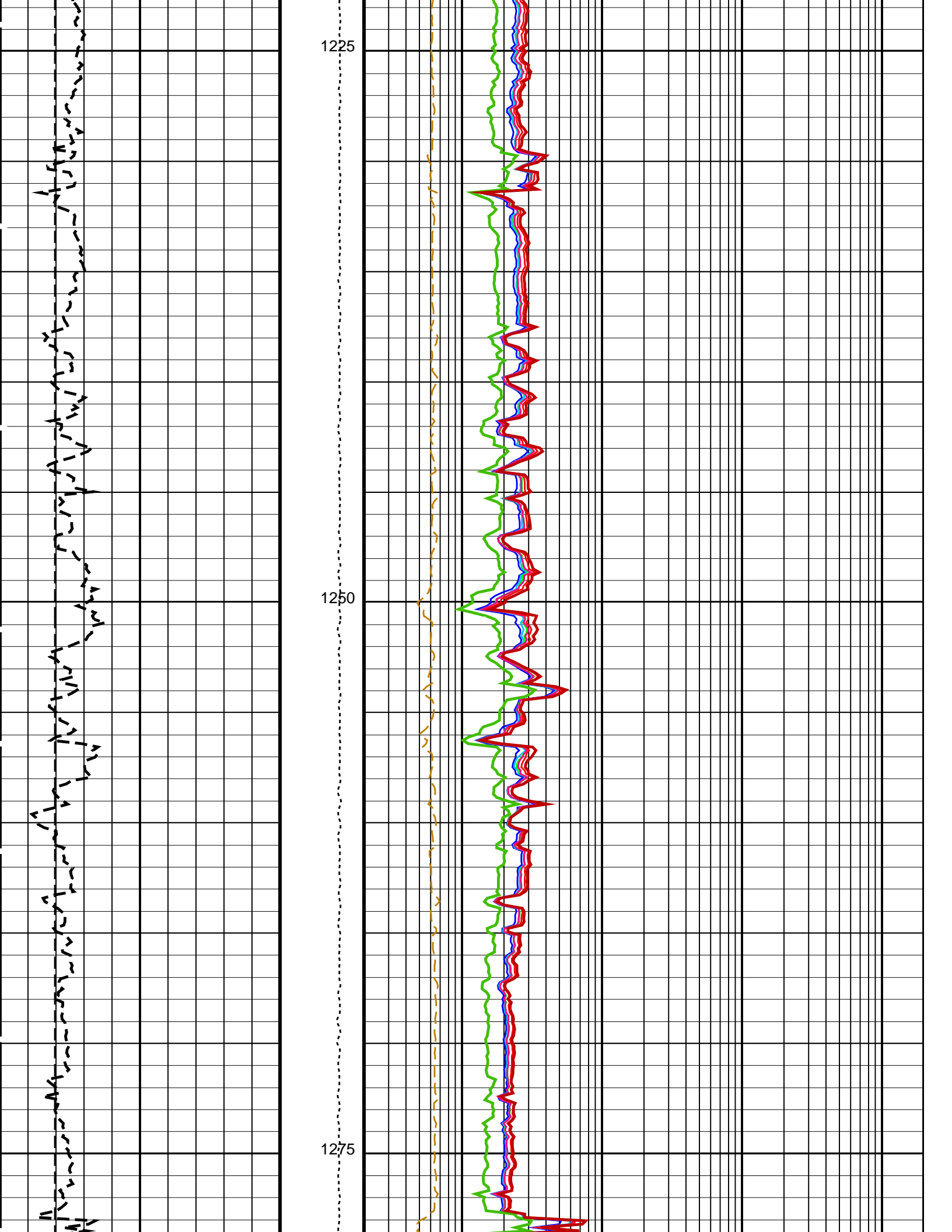


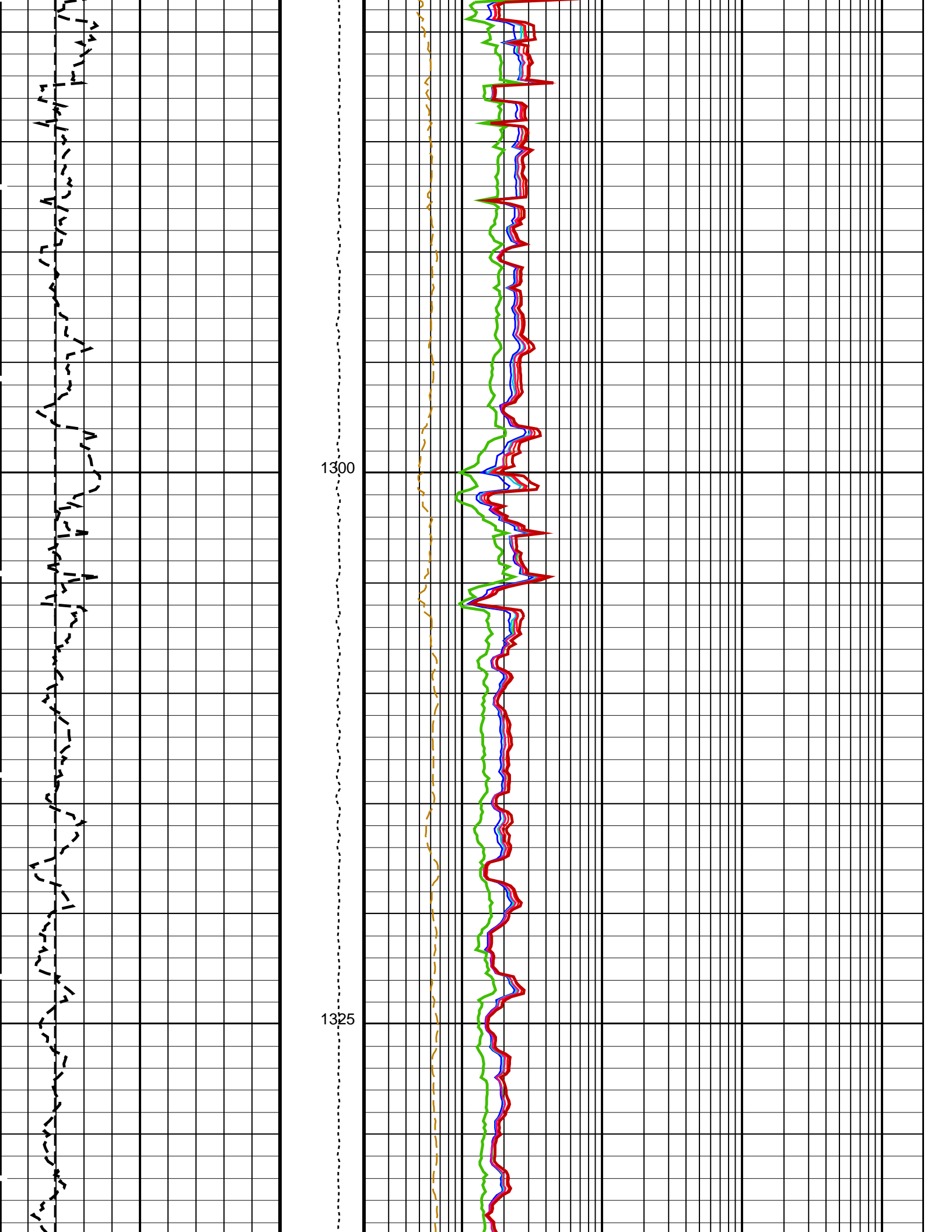
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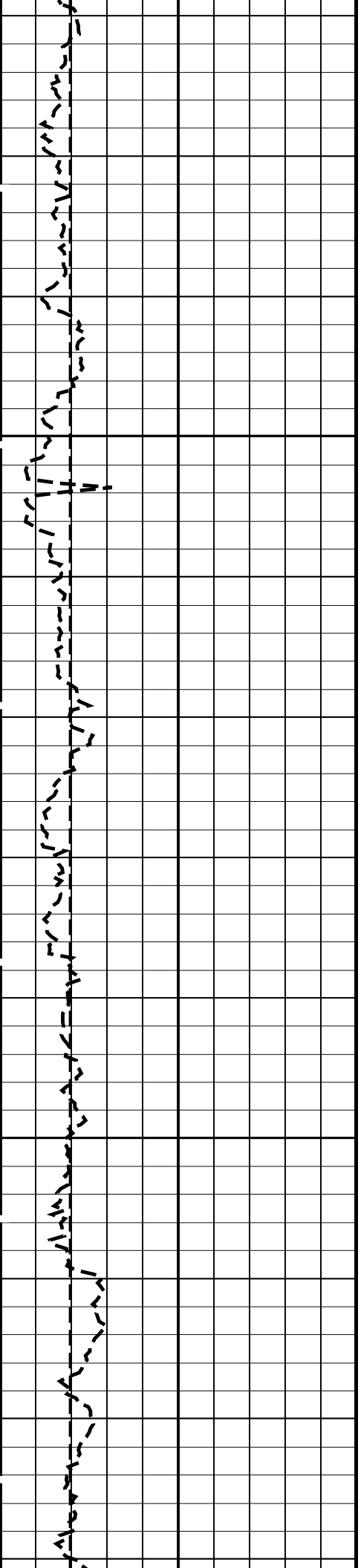
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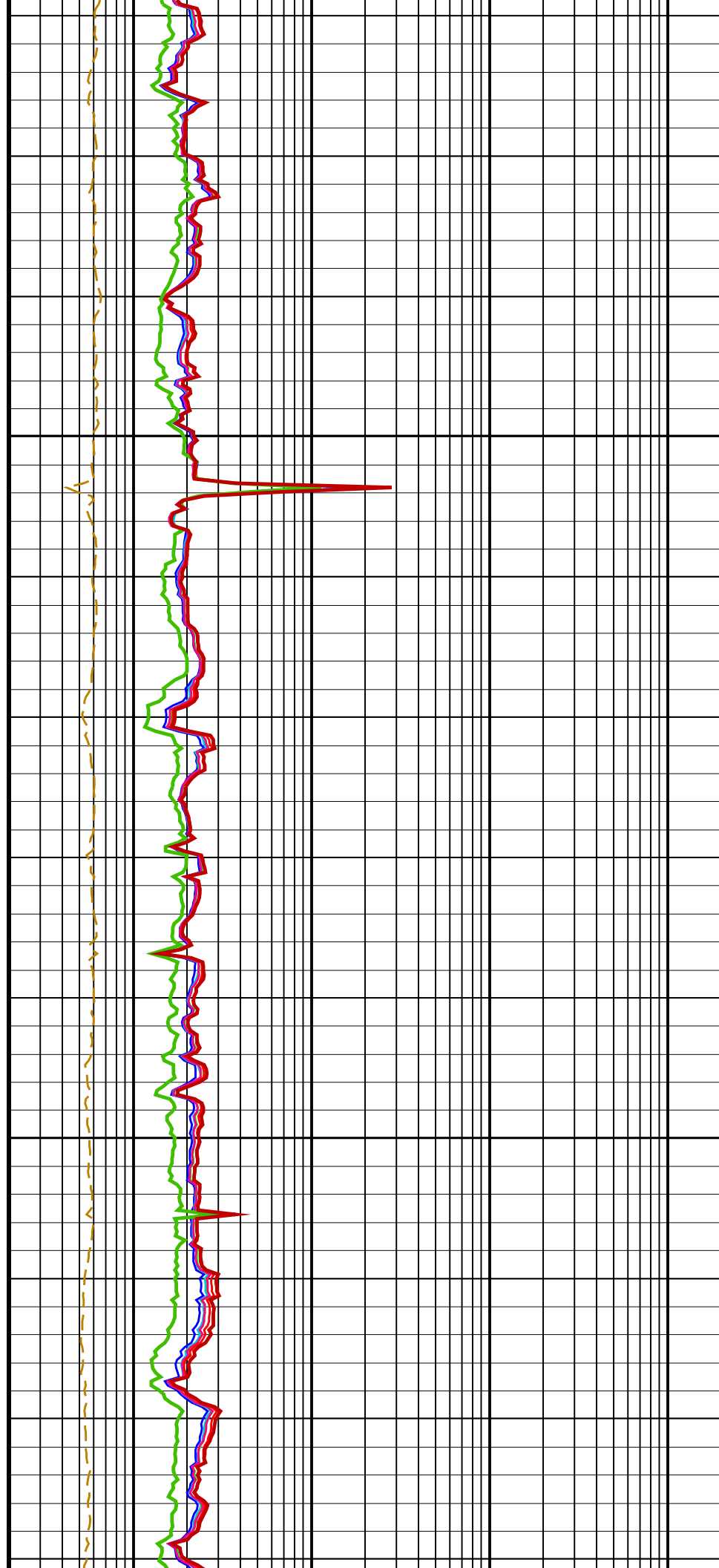


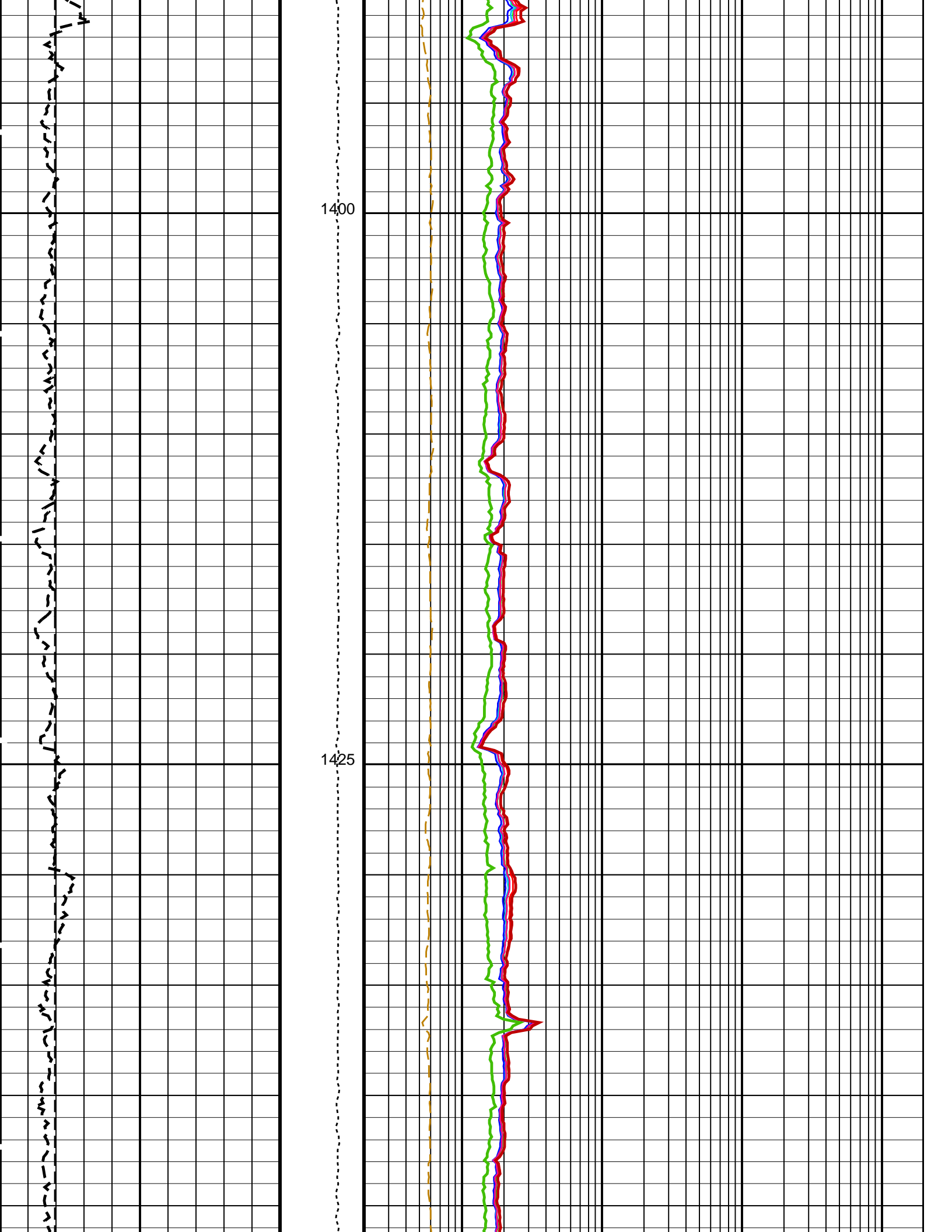


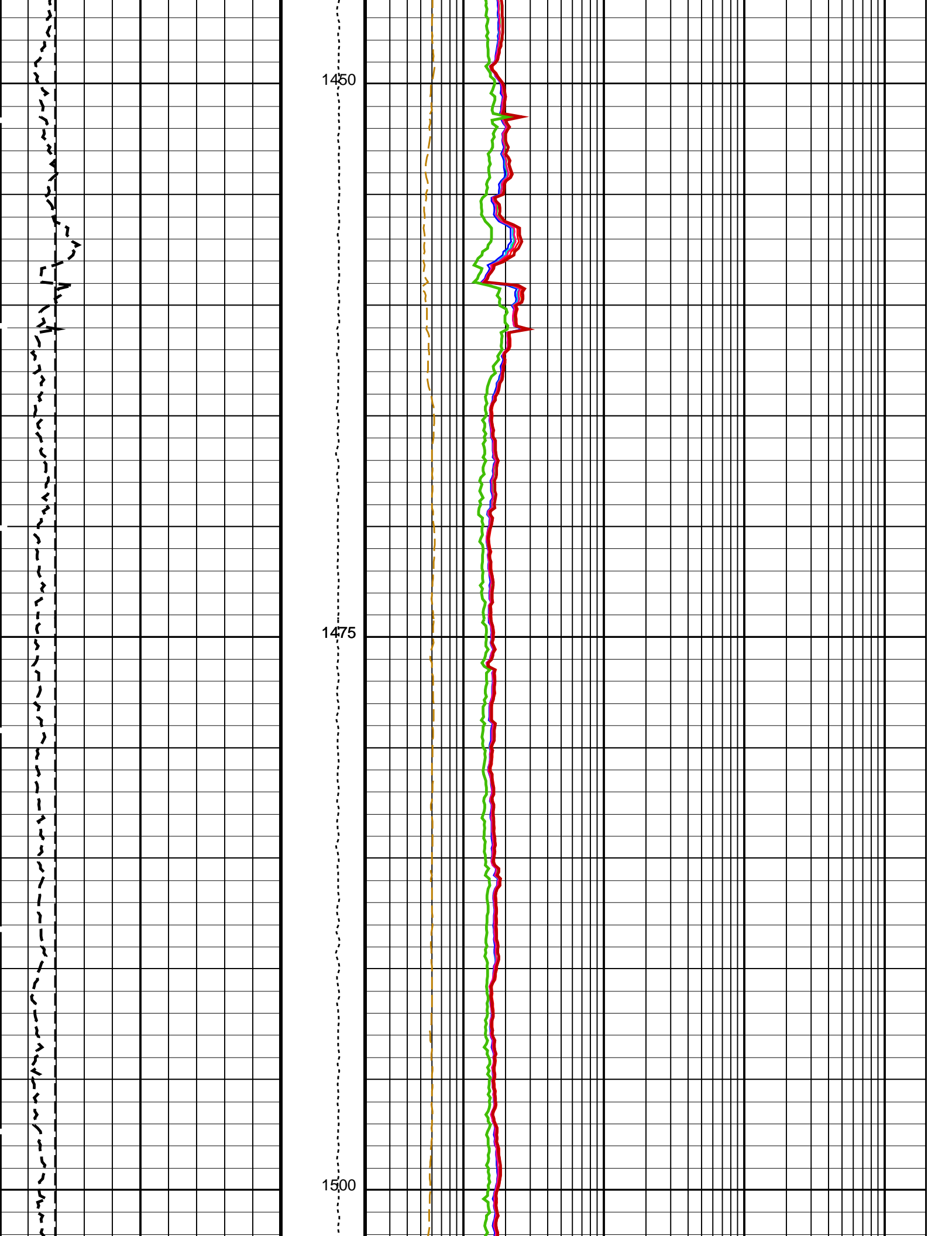


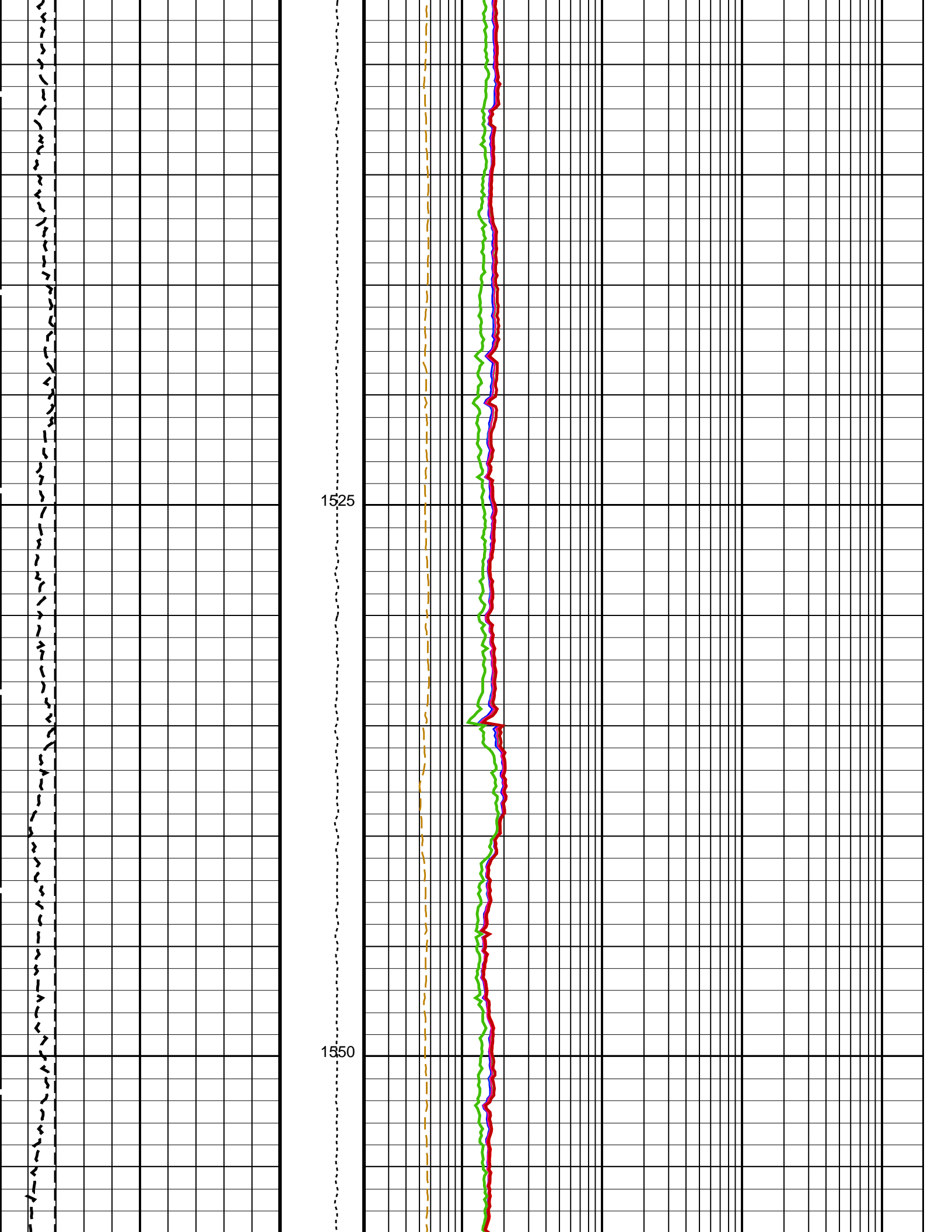
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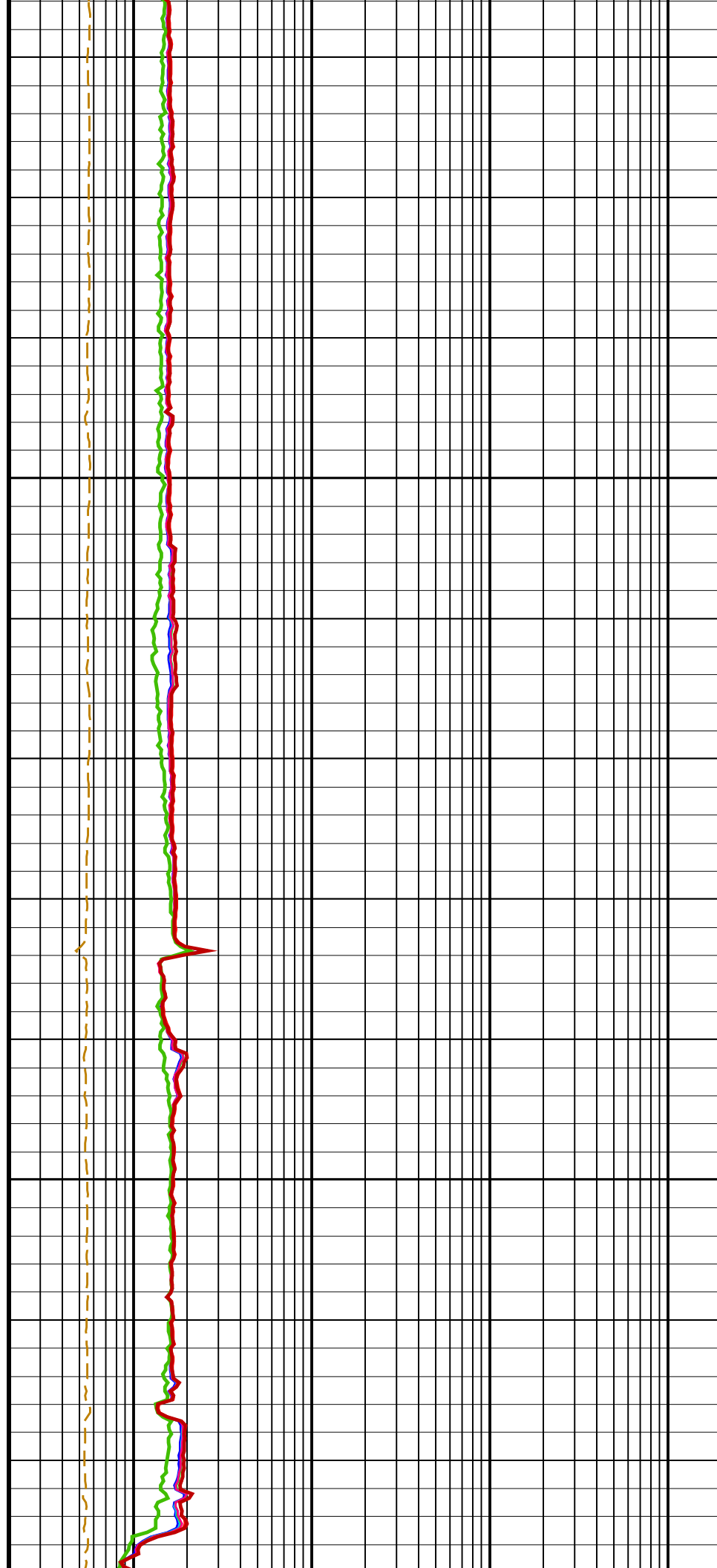
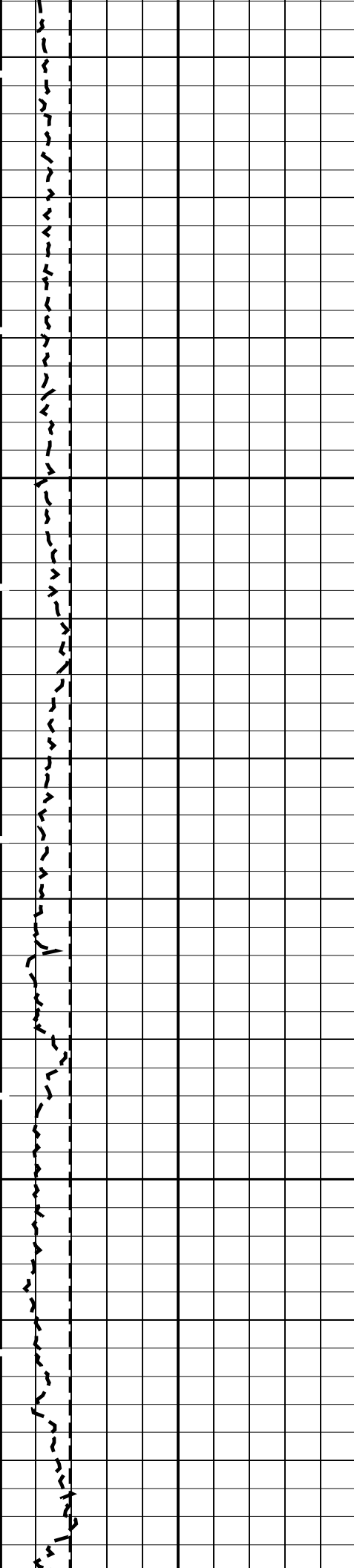
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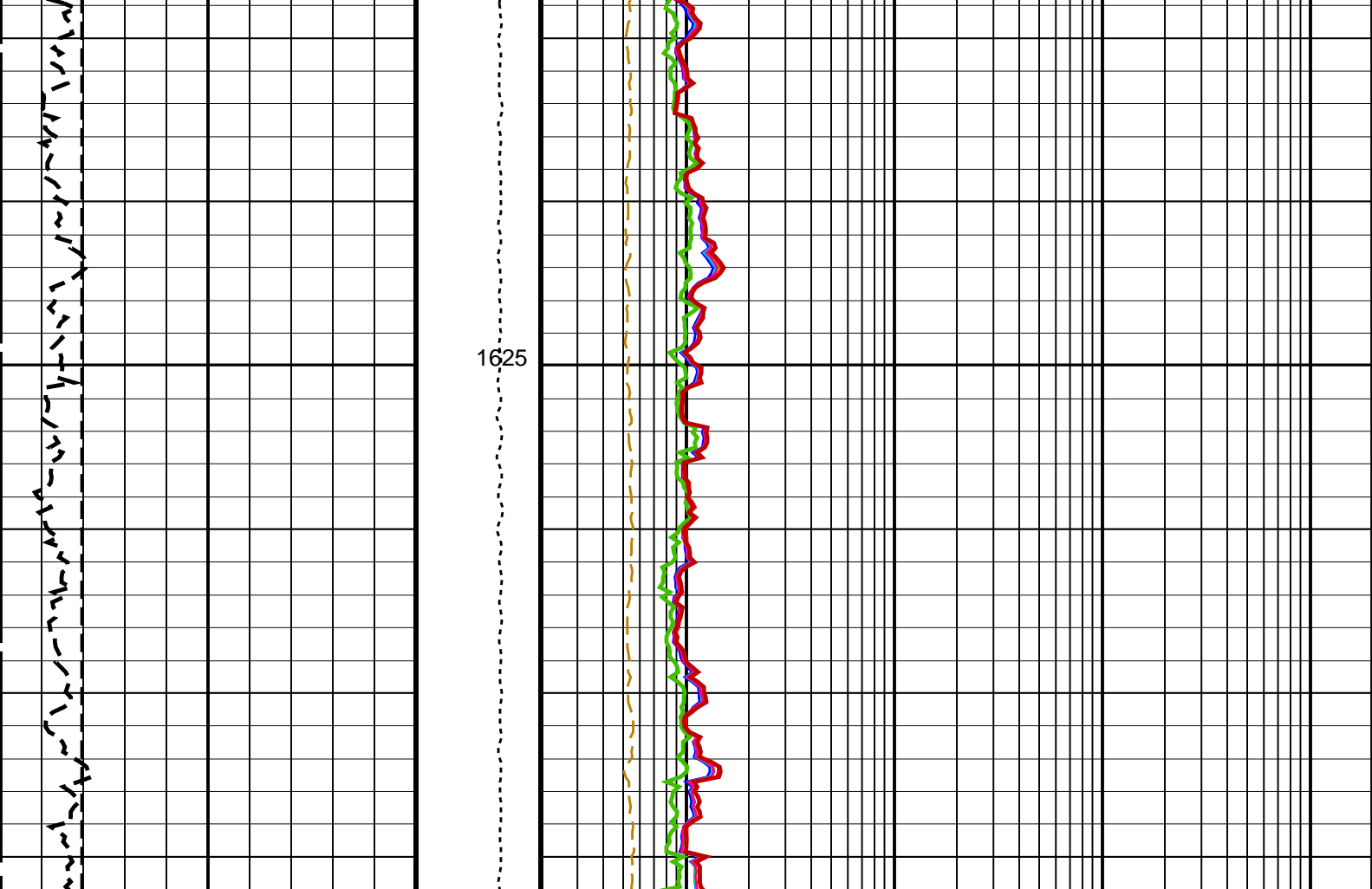












6	Bit Size (BS) (IN)	26	10000	0	Tension (TENS) (LBF)	0.2	HRLT Resistivity 1 (RLA1) (OHMM)	2000
0	Invasion Diameter (DI_HRLT) (IN)	50				0.2	HRLT Resistivity 2 (RLA2) (OHMM)	2000
						0.2	HRLT Resistivity 3 (RLA3) (OHMM)	2000
						0.2	HRLT Resistivity 4 (RLA4) (OHMM)	2000
						0.2	HRLT Resistivity 5 (RLA5) (OHMM)	2000
						0.02	HRLT Mud Resistivity (RM_HRLT) (OHMM)	200
						0.2	Invaded Zone Resistivity (RXO_HRLT) (OHMM)	2000
						0.2	HRLT True Resistivity (RT_HRLT) (OHMM)	2000

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager - B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F

GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
HRLT-B: High Resolution Laterolog Array - B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
PROCINV	Inversion Selection	ON	
PROCMFL	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	0	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSPO	Sonde Position	Centered	
SHT	Surface Hole Temperature	68	DEGF
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
EDTC-B: Enhanced DTS Cartridge			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
MST	Mud Sample Temperature	23.00	DEGC
PP	Playback Processing	NORMAL	
TD	Total Depth	10190.3	FT

Format: HRLT Vertical Scale: 1:200 Graphics File Created: 25-Sep-2023 08:25

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_DSI_007LUP	PRODUCER	25-Sep-2023 05:57	1639.1 M	683.5 M
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Output DLIS Files

DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER	25-Sep-2023 08:25
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Company: International Ocean Discovery Program Well: Expedition 400, Site U1607A

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_DSI_007LUP	PRODUCER	25-Sep-2023 05:57	1639.1 M	683.5 M
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Output DLIS Files

DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER	25-Sep-2023 08:25	1641.0 M	683.5 M
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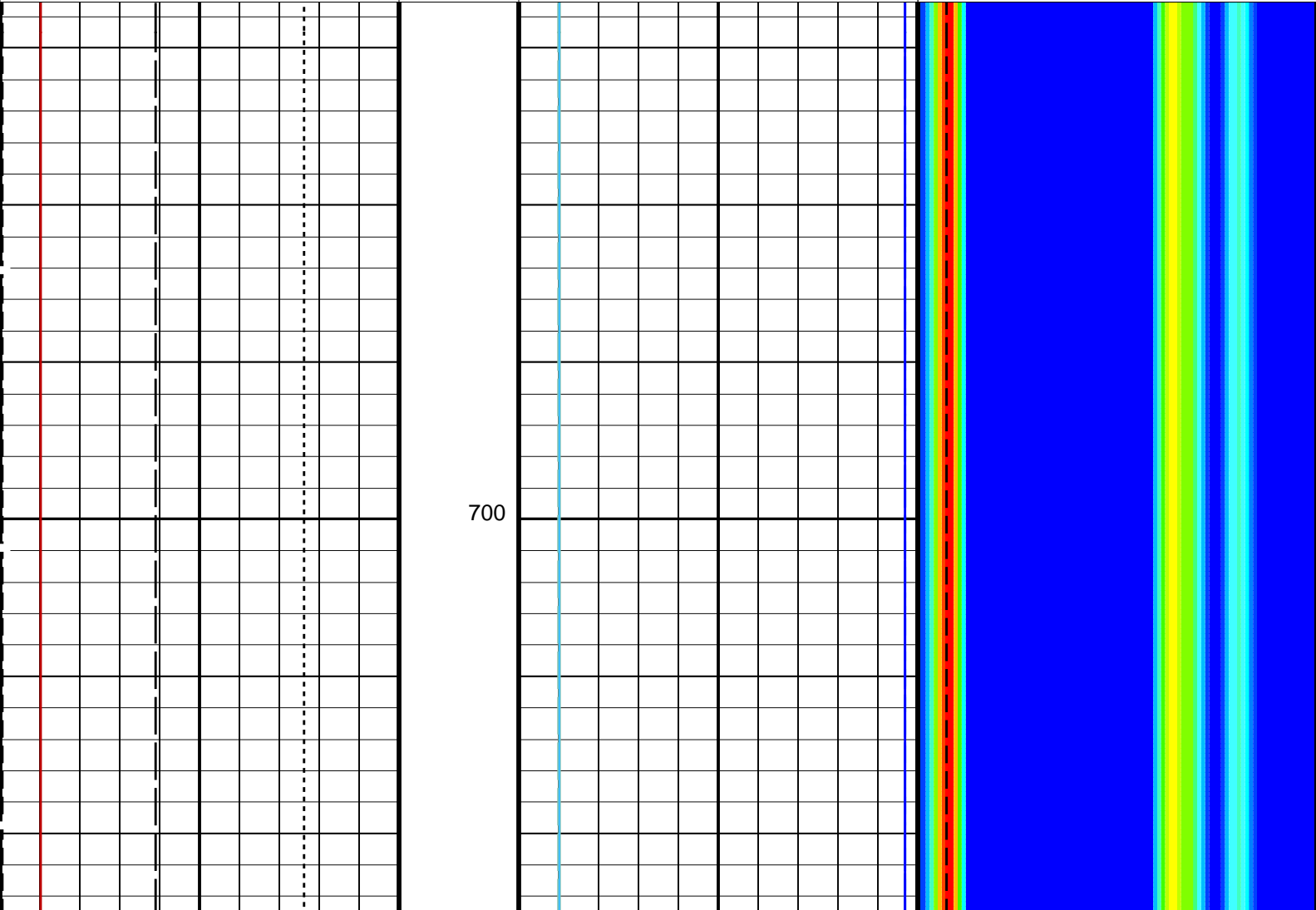
OP System Version: 19C0-187

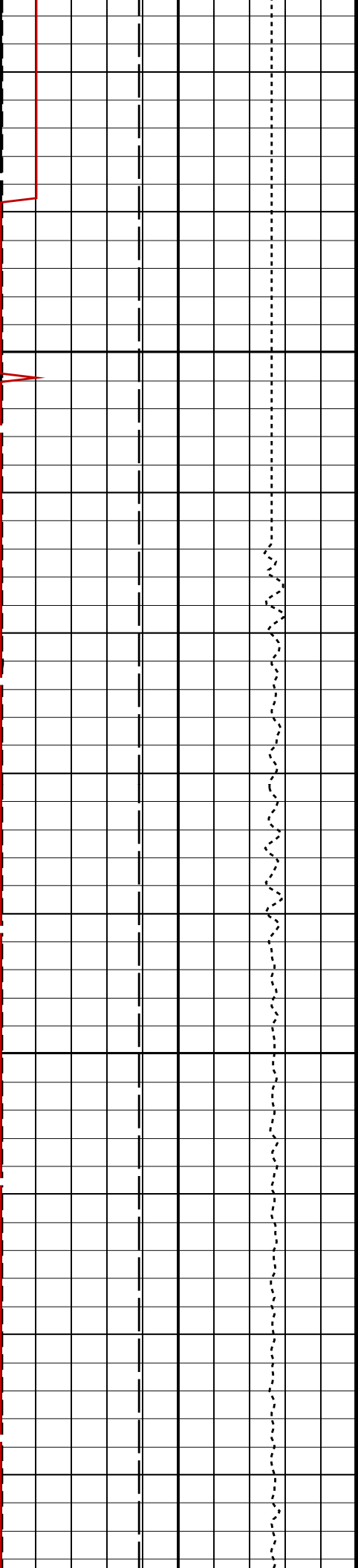
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S

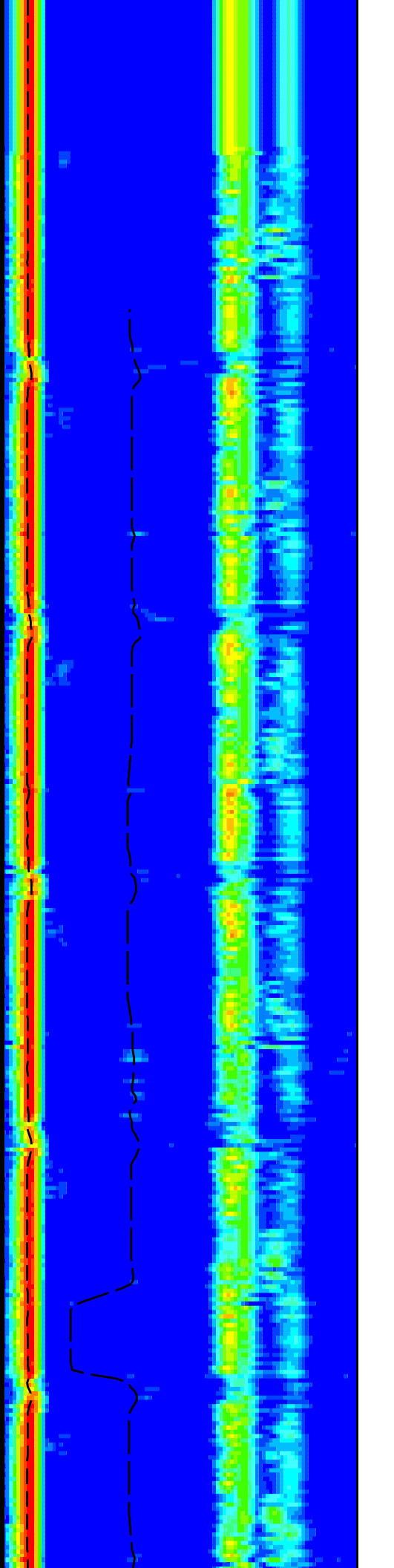
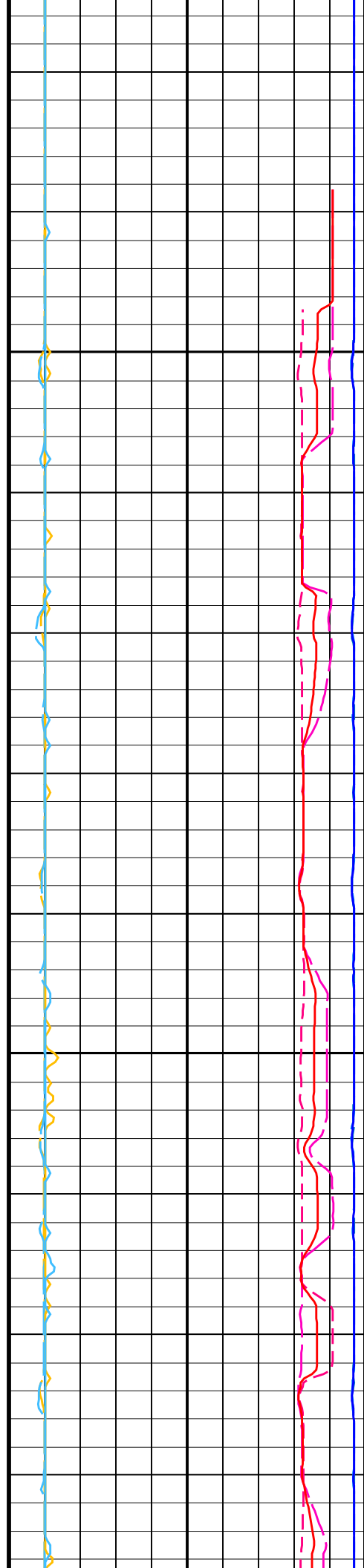
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440			(US/F)		
			40		
			Delta-T Shear / TA - P & S (DTTS)		
440			(US/F)		
			40		
			Delta-T Shear / RA - P & S (DTRS)		
440			(US/F)		
			40		
			Delta-T Comp - P & S (DT4P)		
440			(US/F)		
			40		
			Delta-T Comp / TA - P & S (DTTP)		
440			(US/F)		
			40		
			Delta-T Comp / RA - P & S (DTRP)		
440			(US/F)		
			40		
Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)			Peak Coherence / TA - P & S Shear (CHTS)		
0			(----)		
			10		
Tension (TENS)			Peak Coherence / RA - P & S Shear (CHRS)		
10000			(----)		
			9		
SAM4 Waveform Gain (WFG4)			Peak Coherence / TA - P & S Comp (CHTP)		
0			(----)		
			10		
Bit Size (BS)			Peak Coherence / RA - P & S Comp (CHRP)		
6			(----)		
			10		

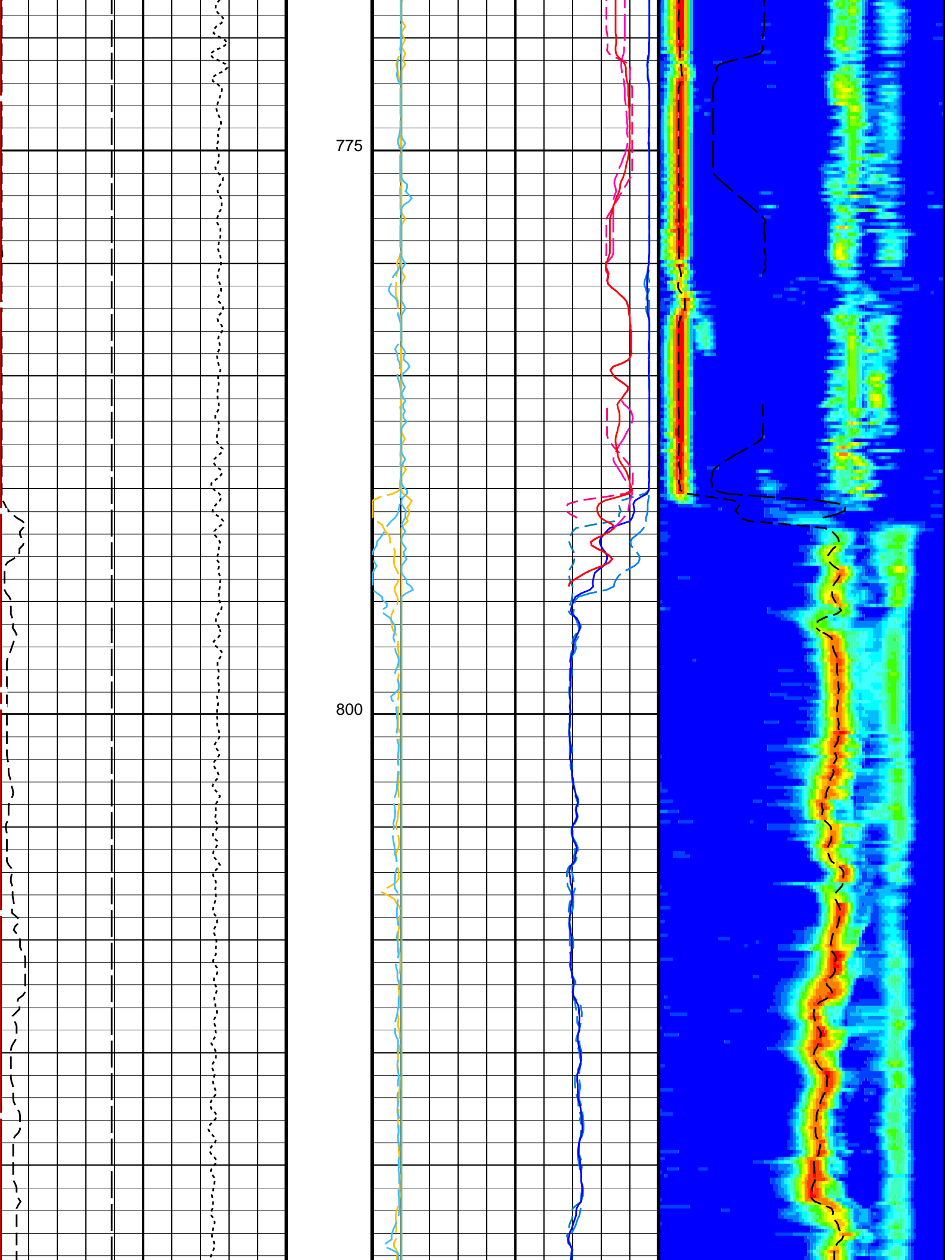


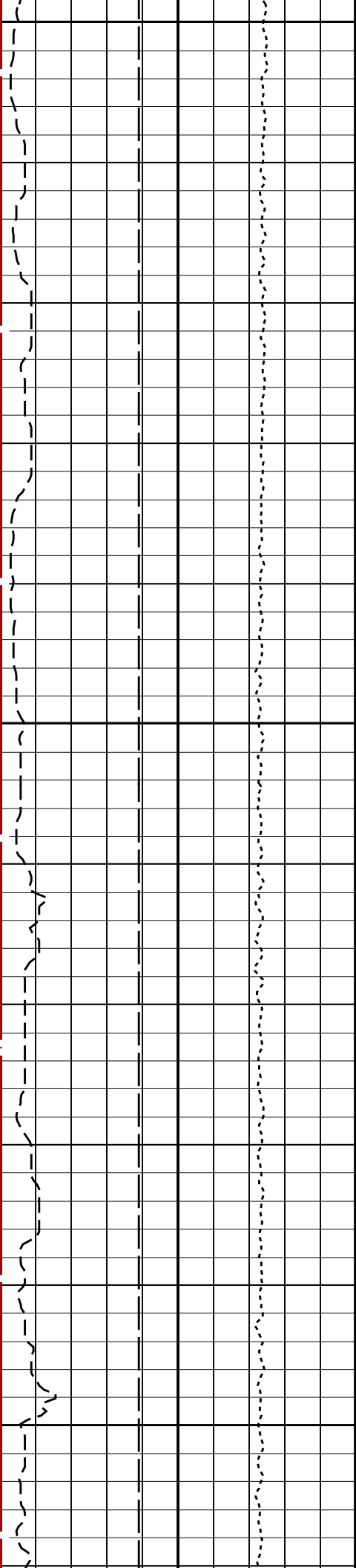


725

750



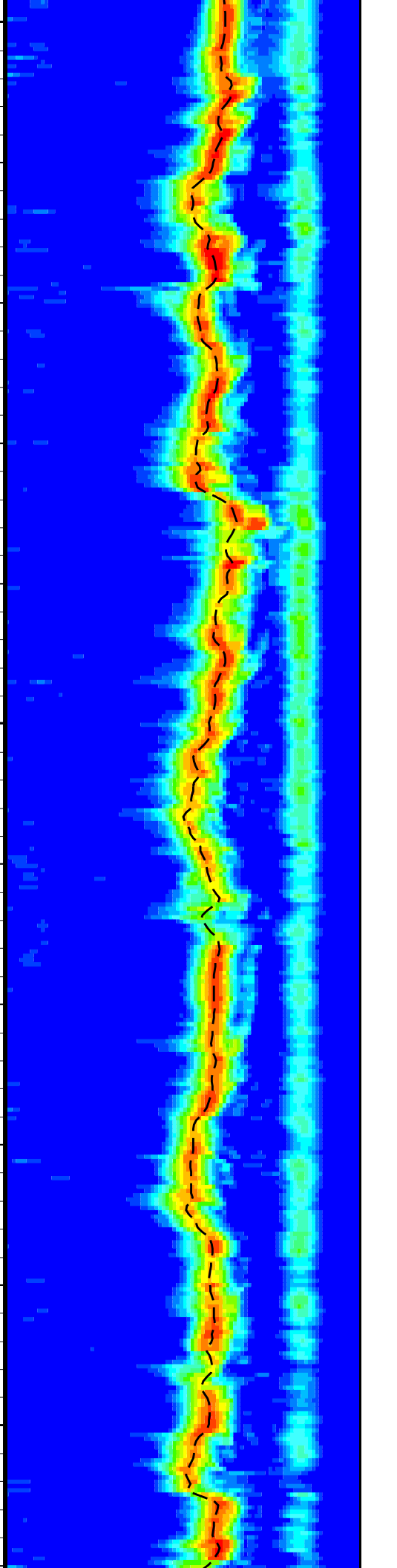
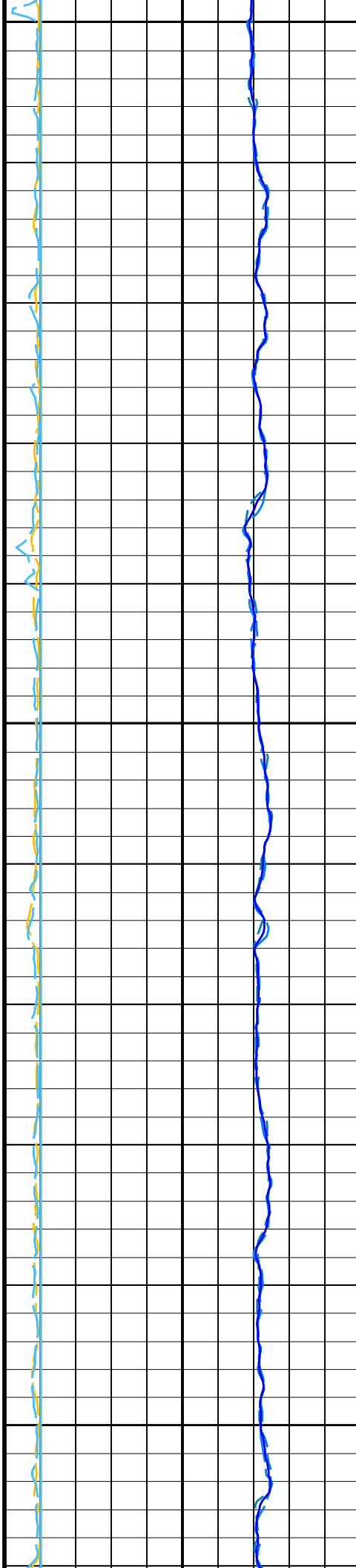


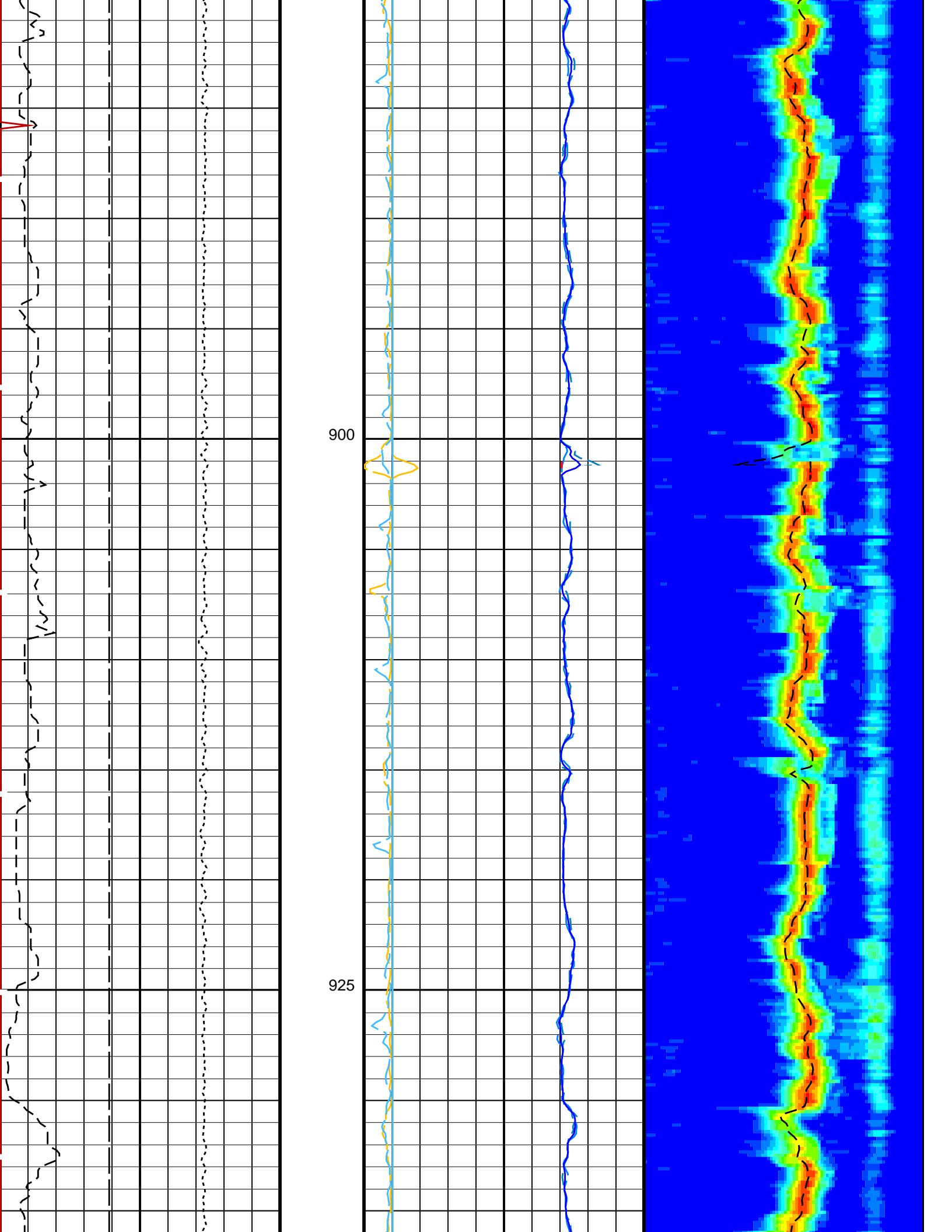


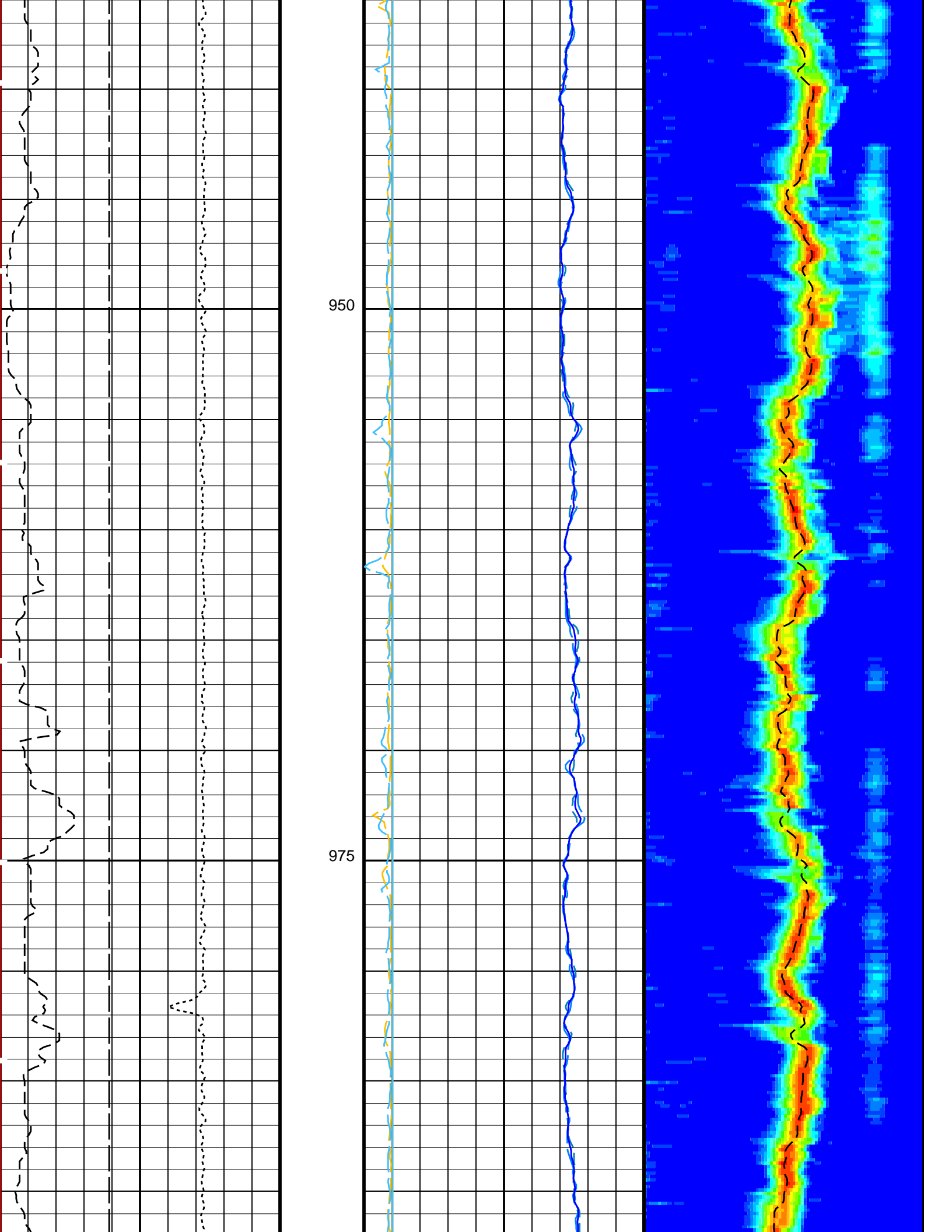
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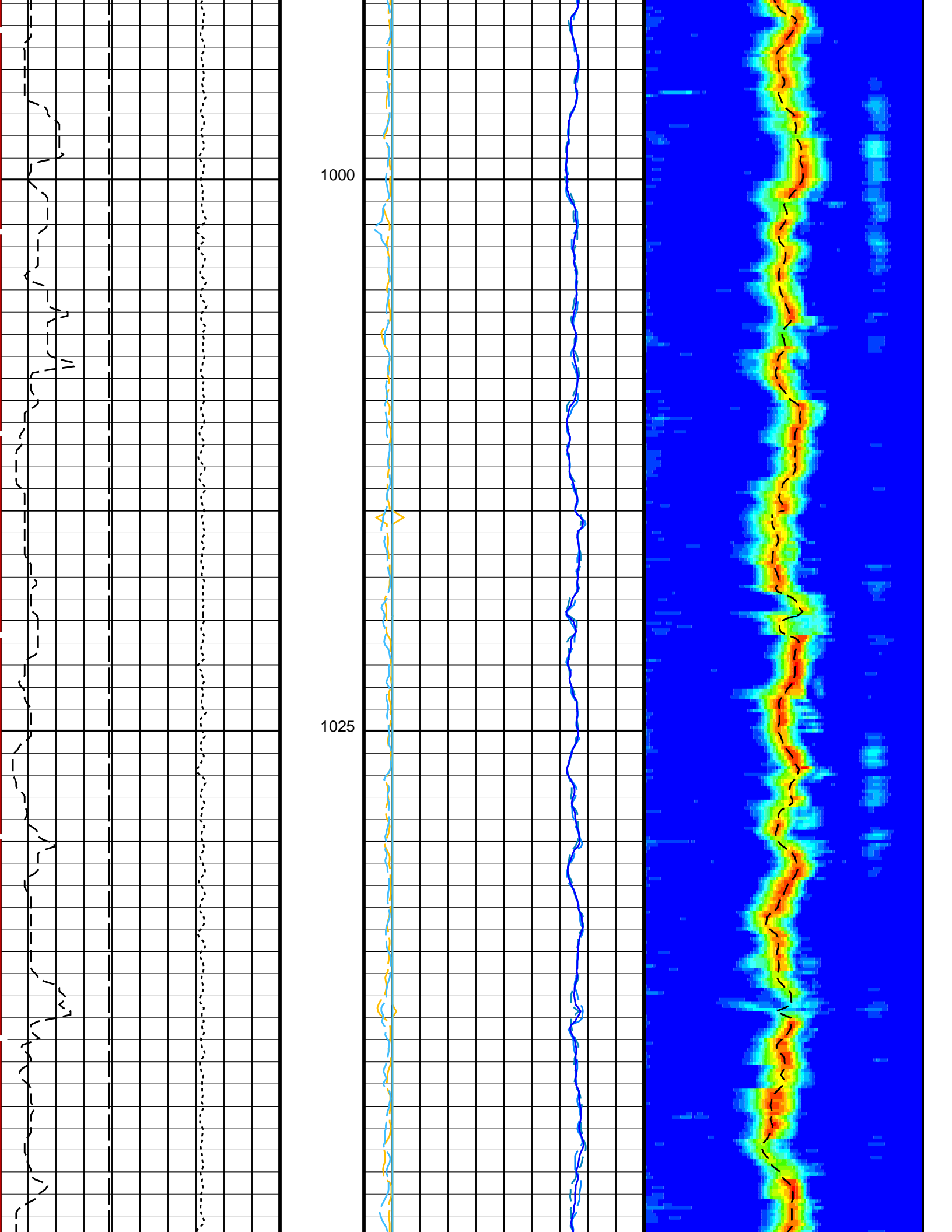
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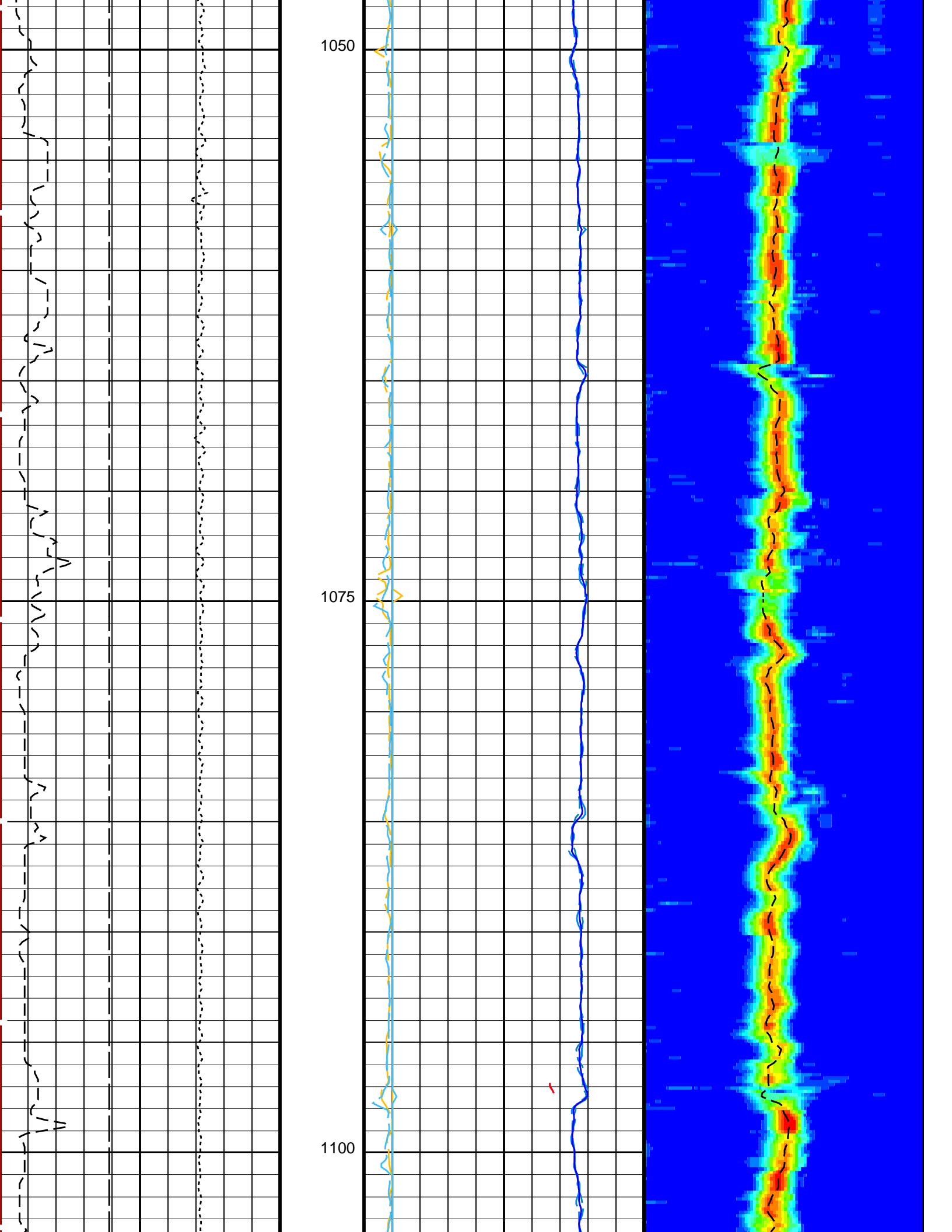
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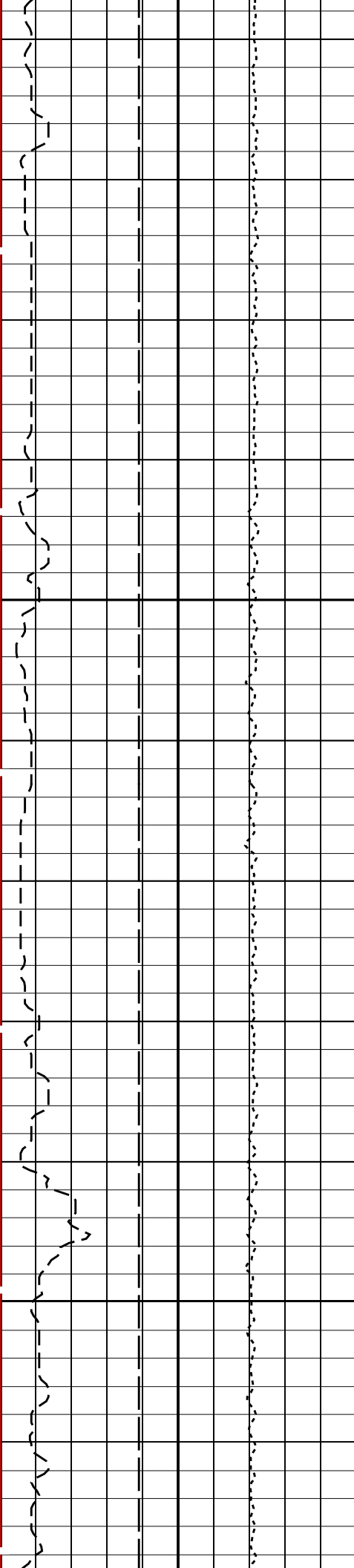






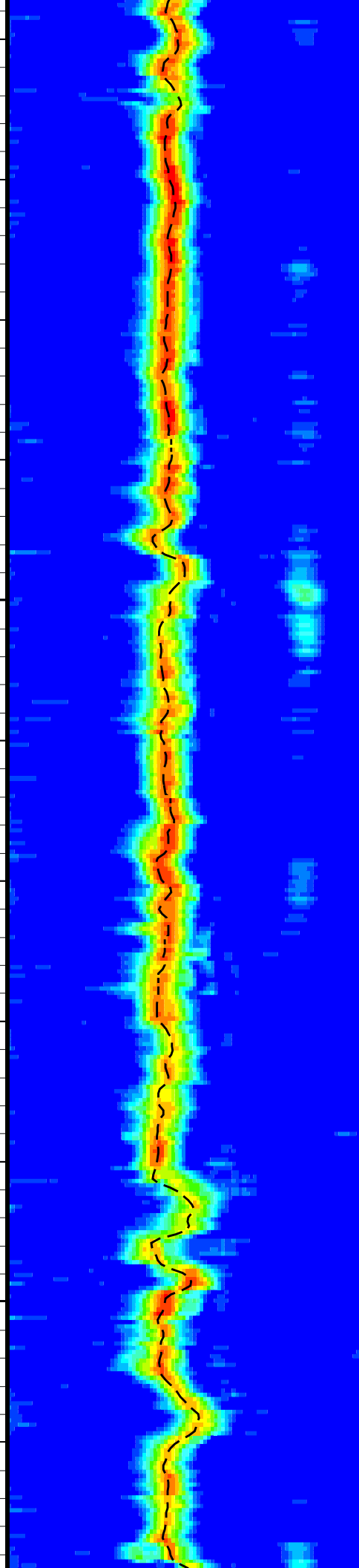
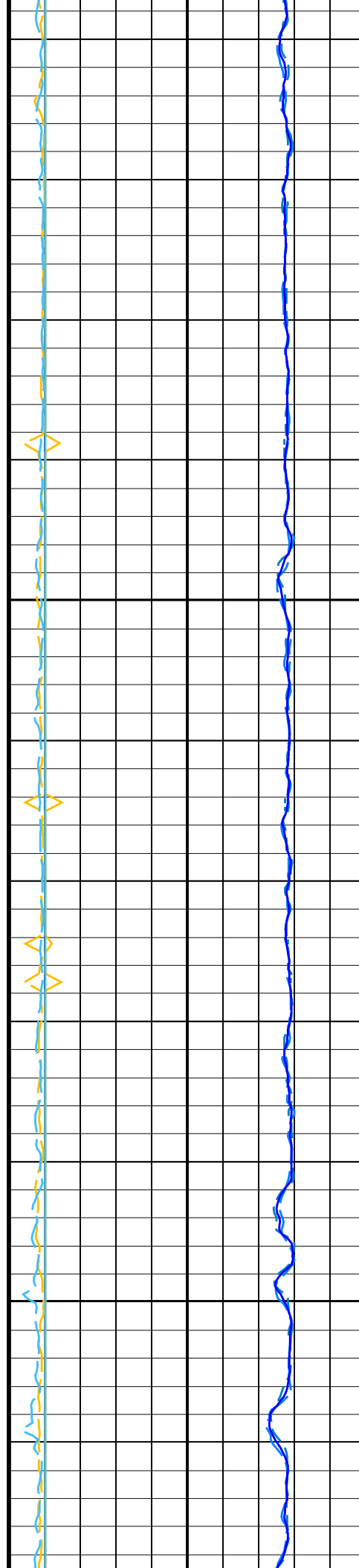


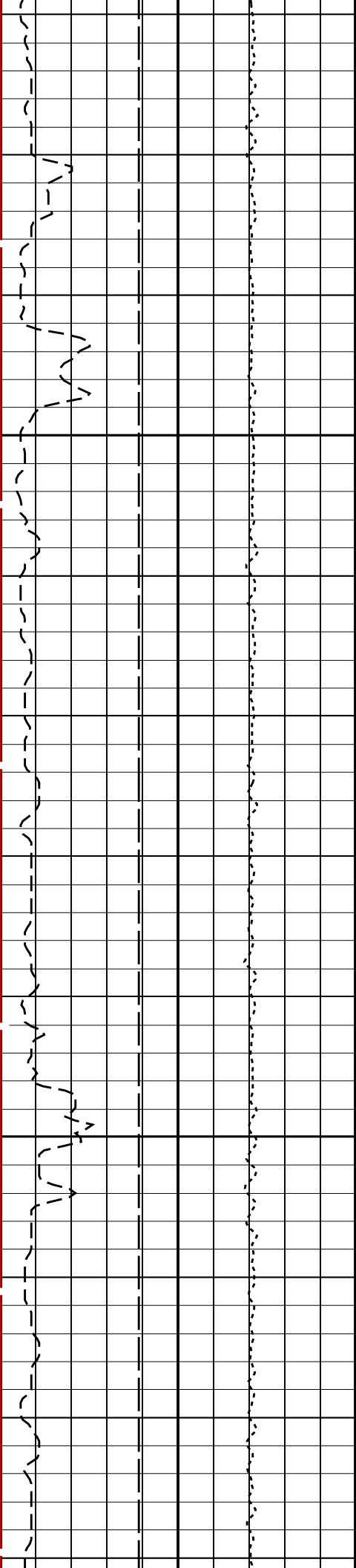




1125

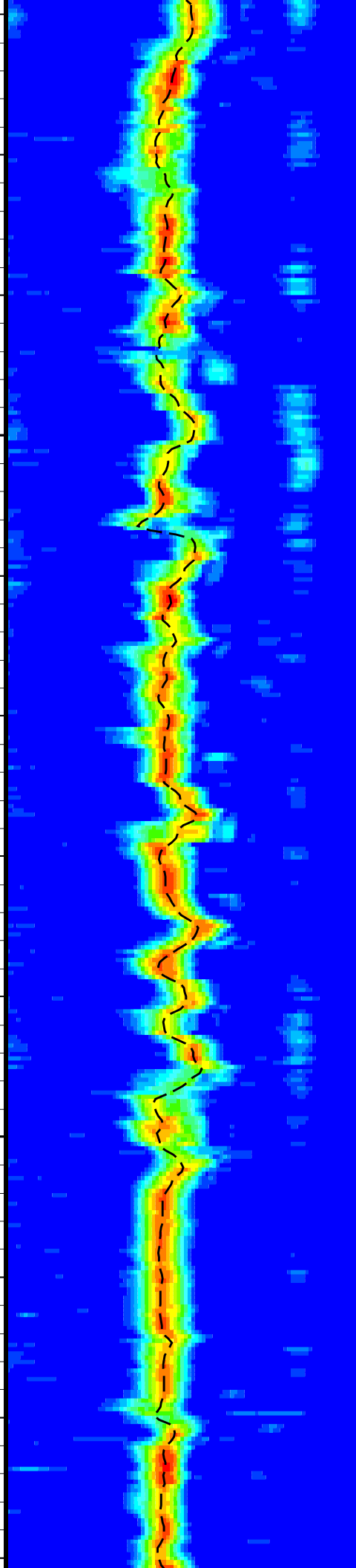
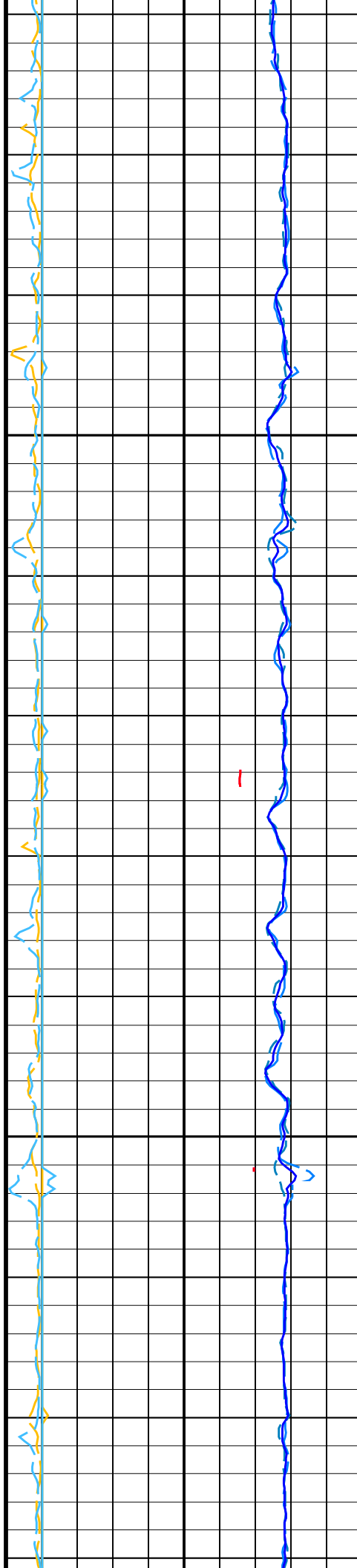
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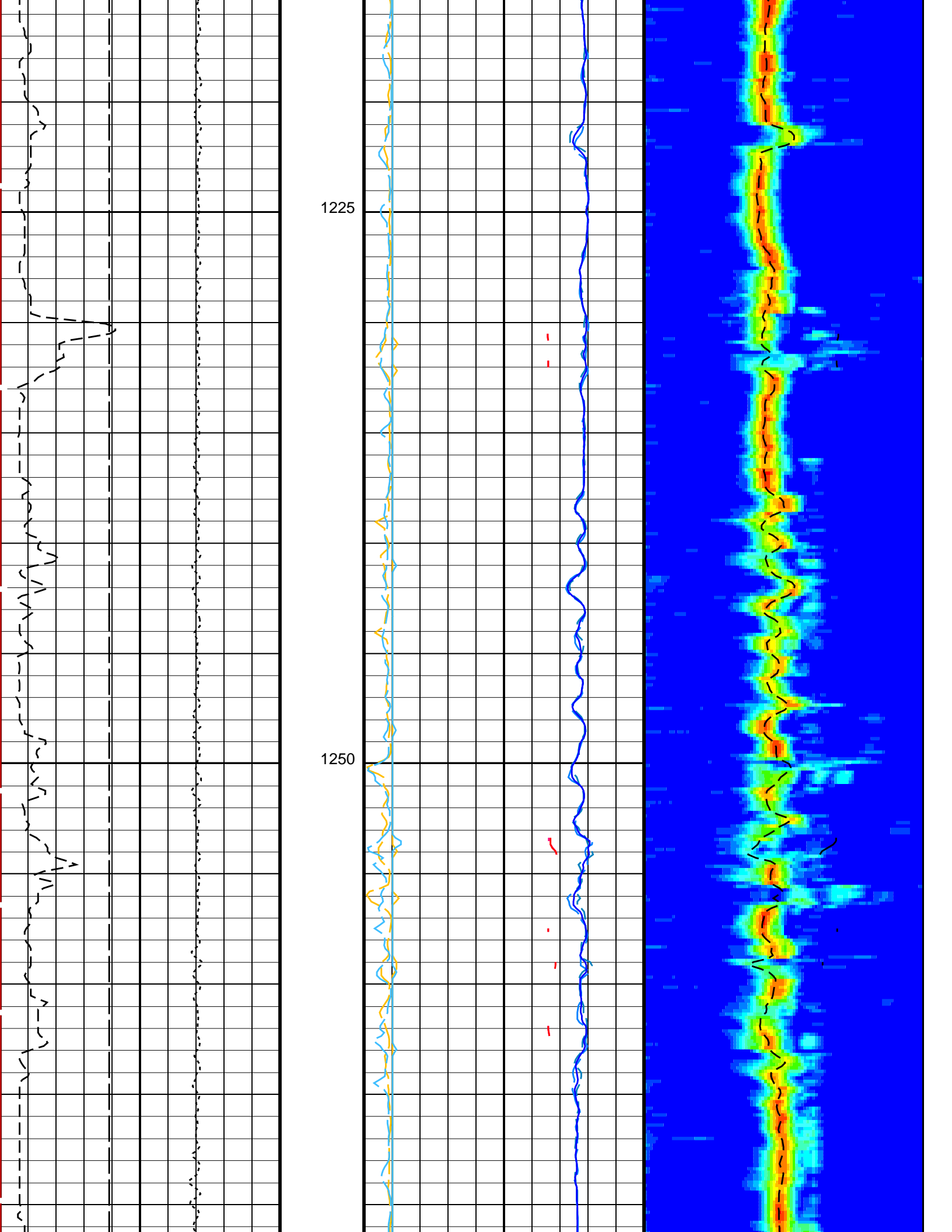


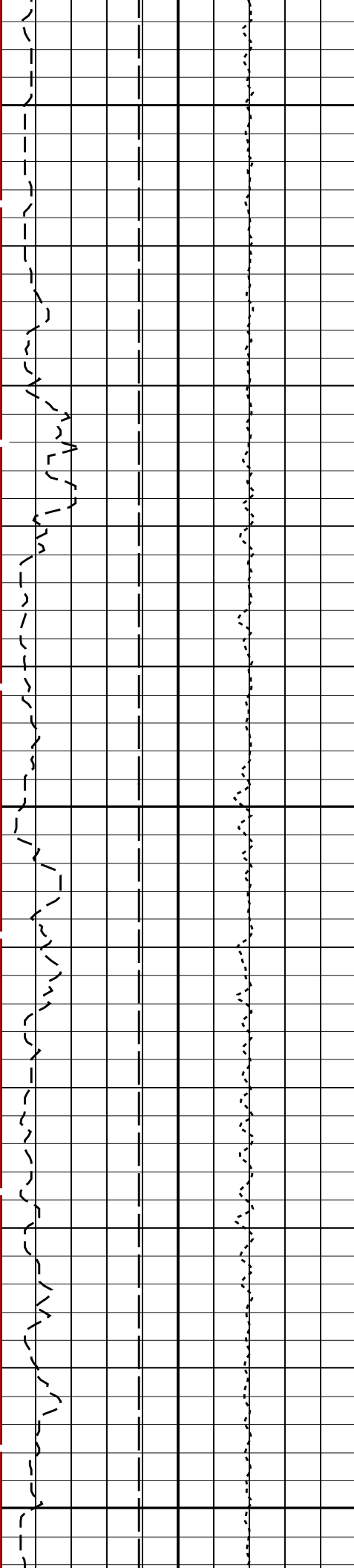


1175

1200



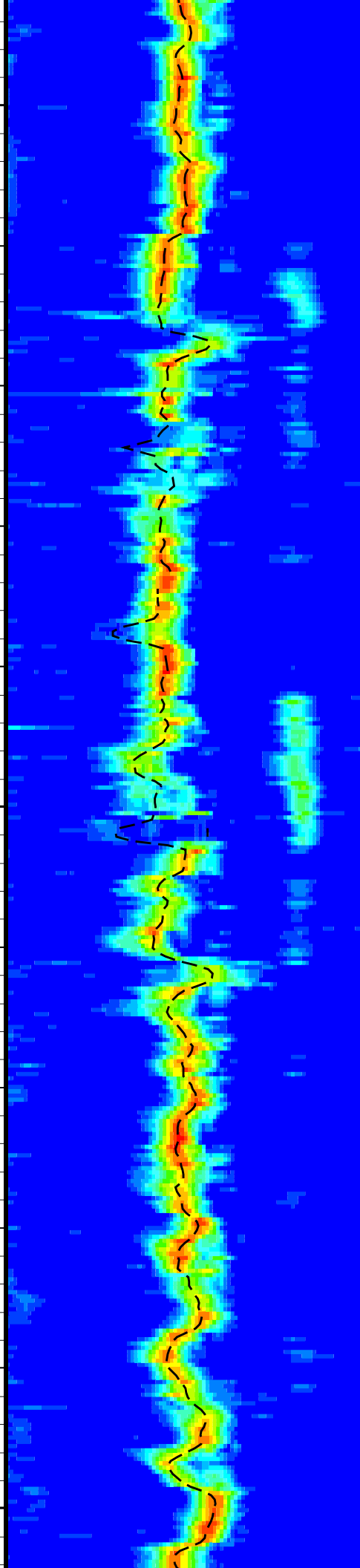
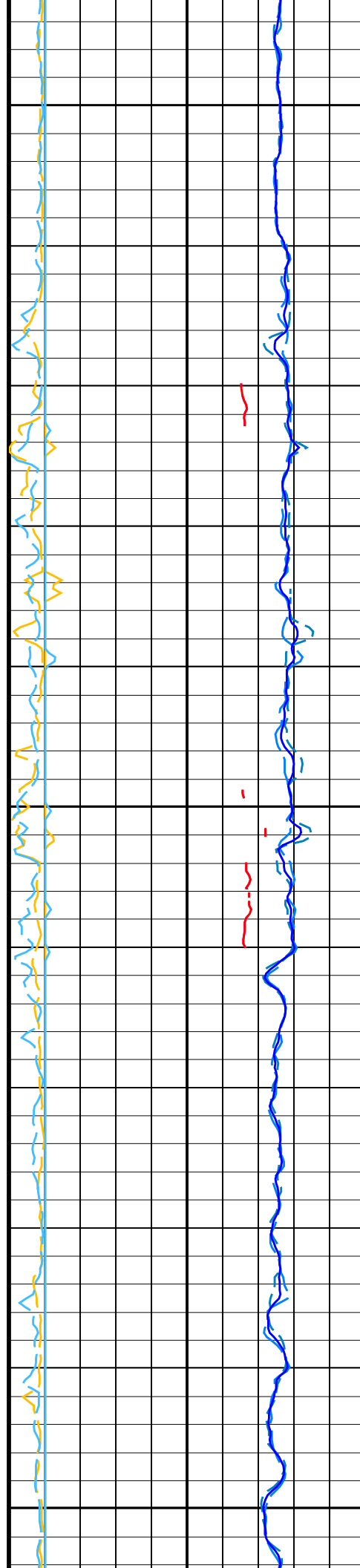


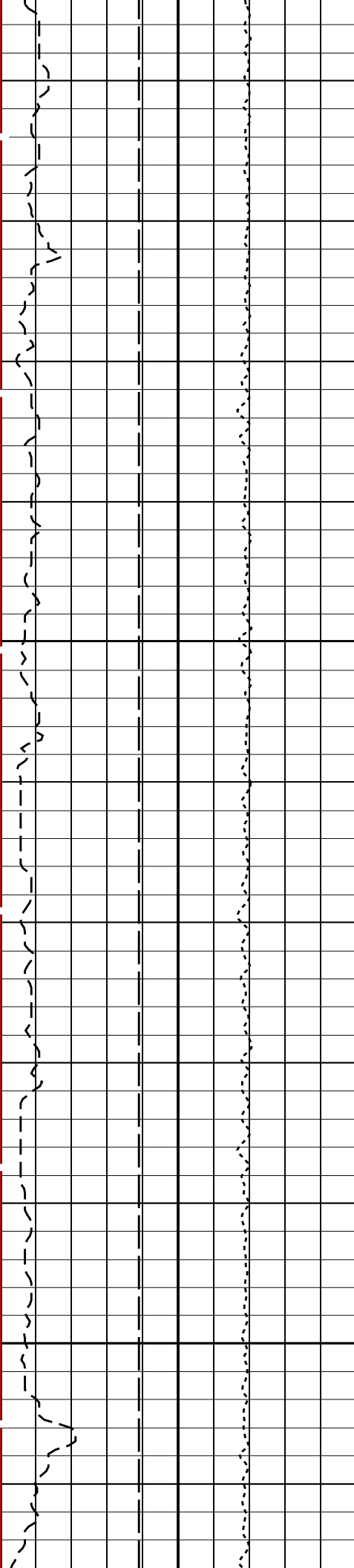


1275

1300

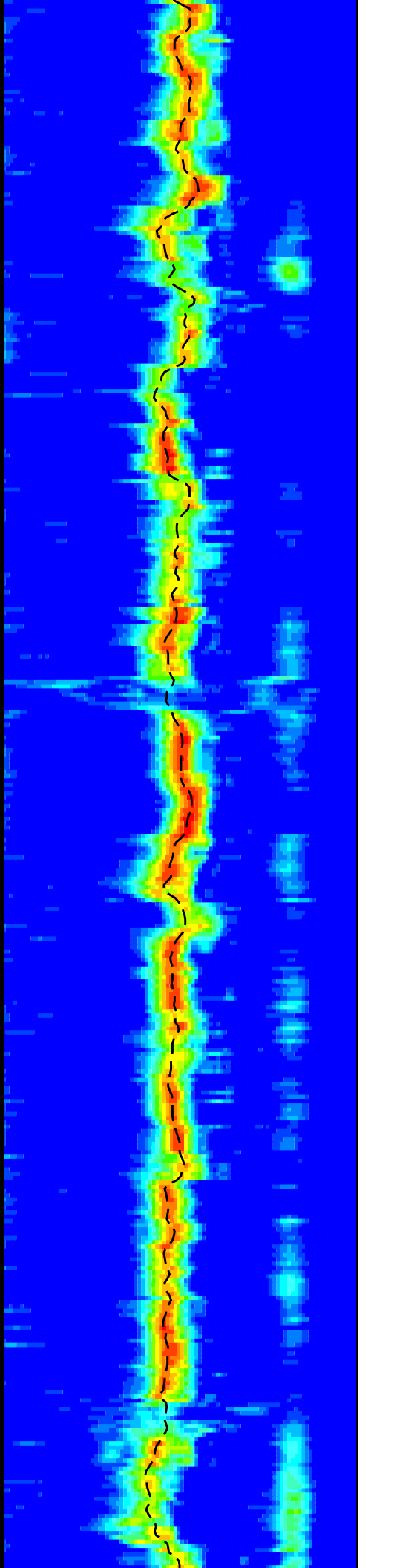
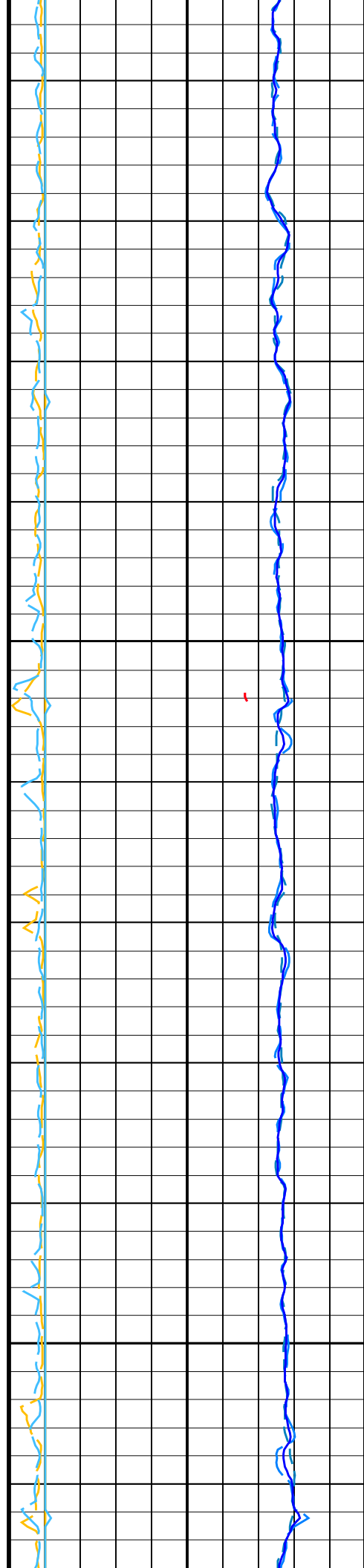
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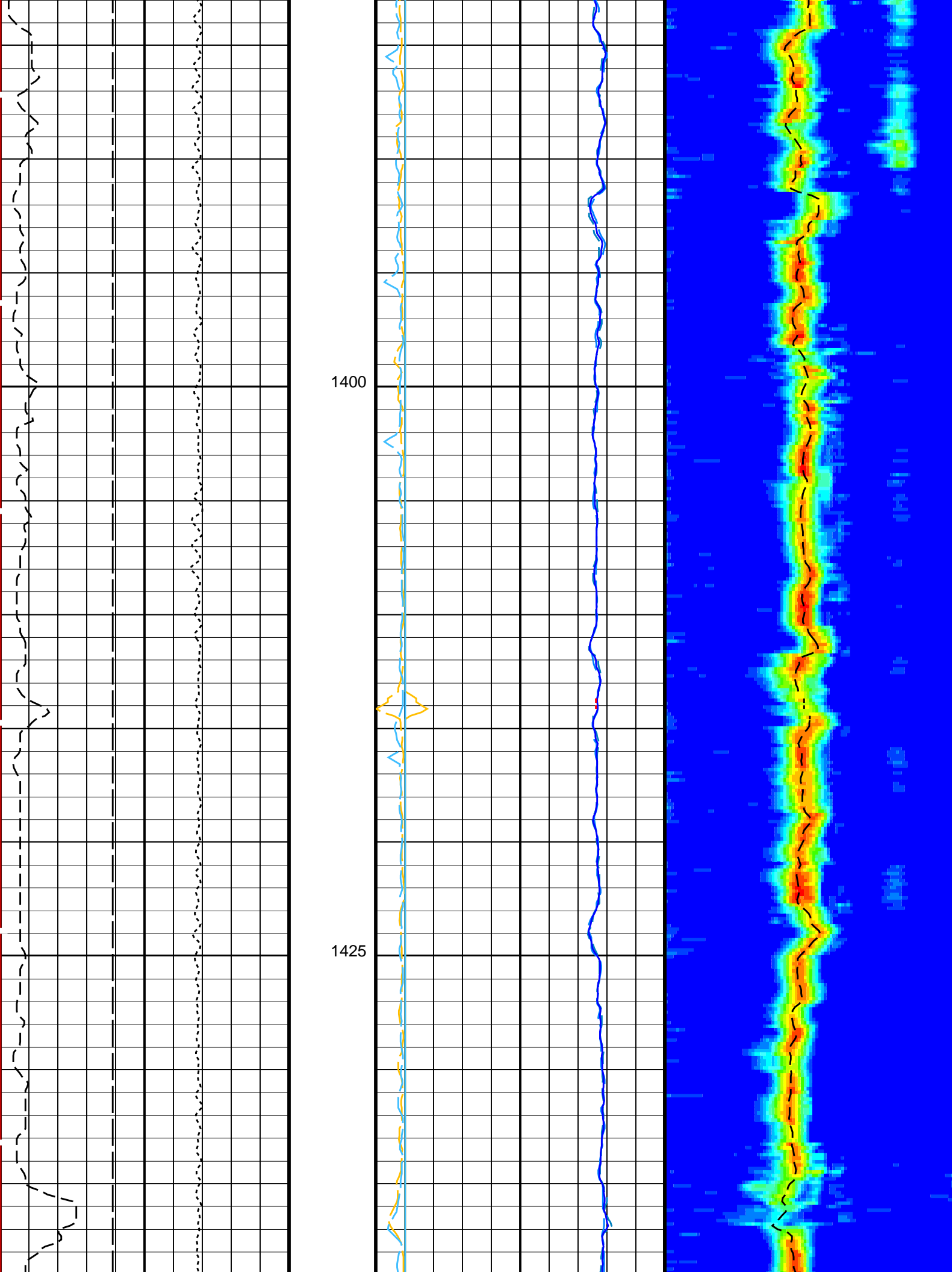


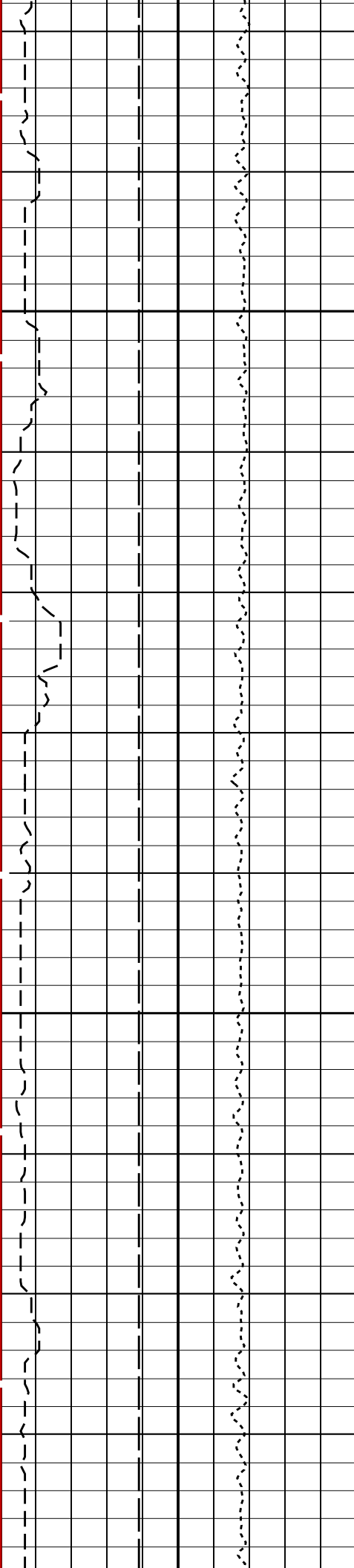


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1375

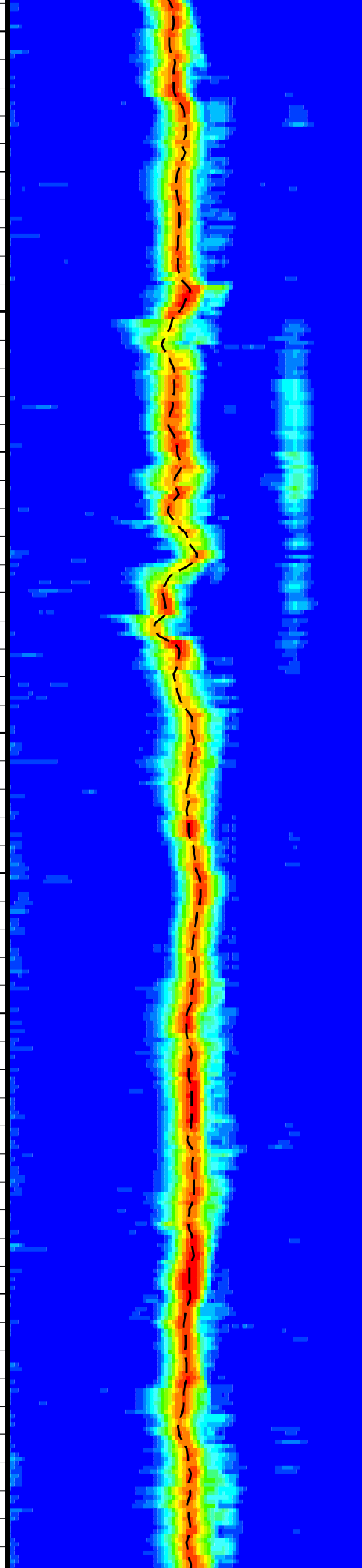
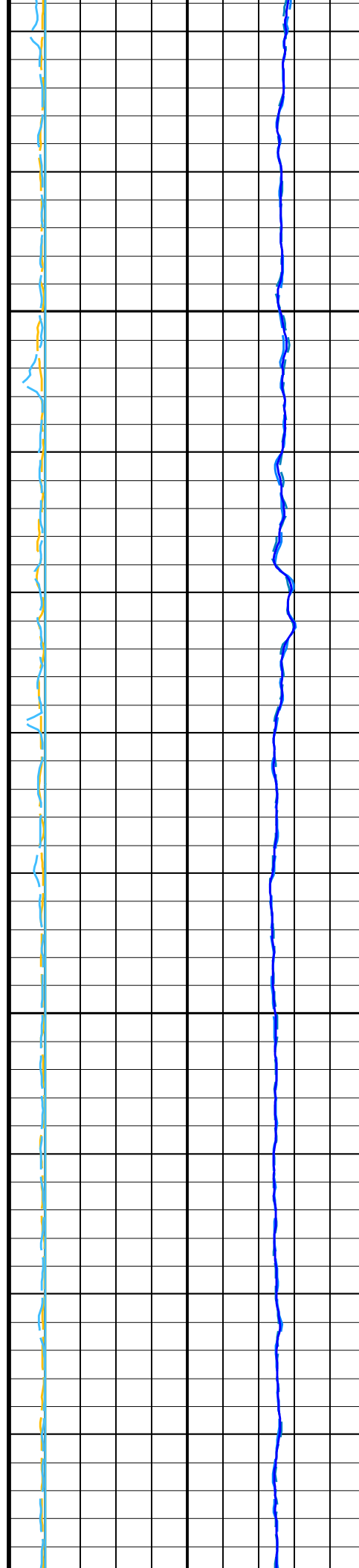


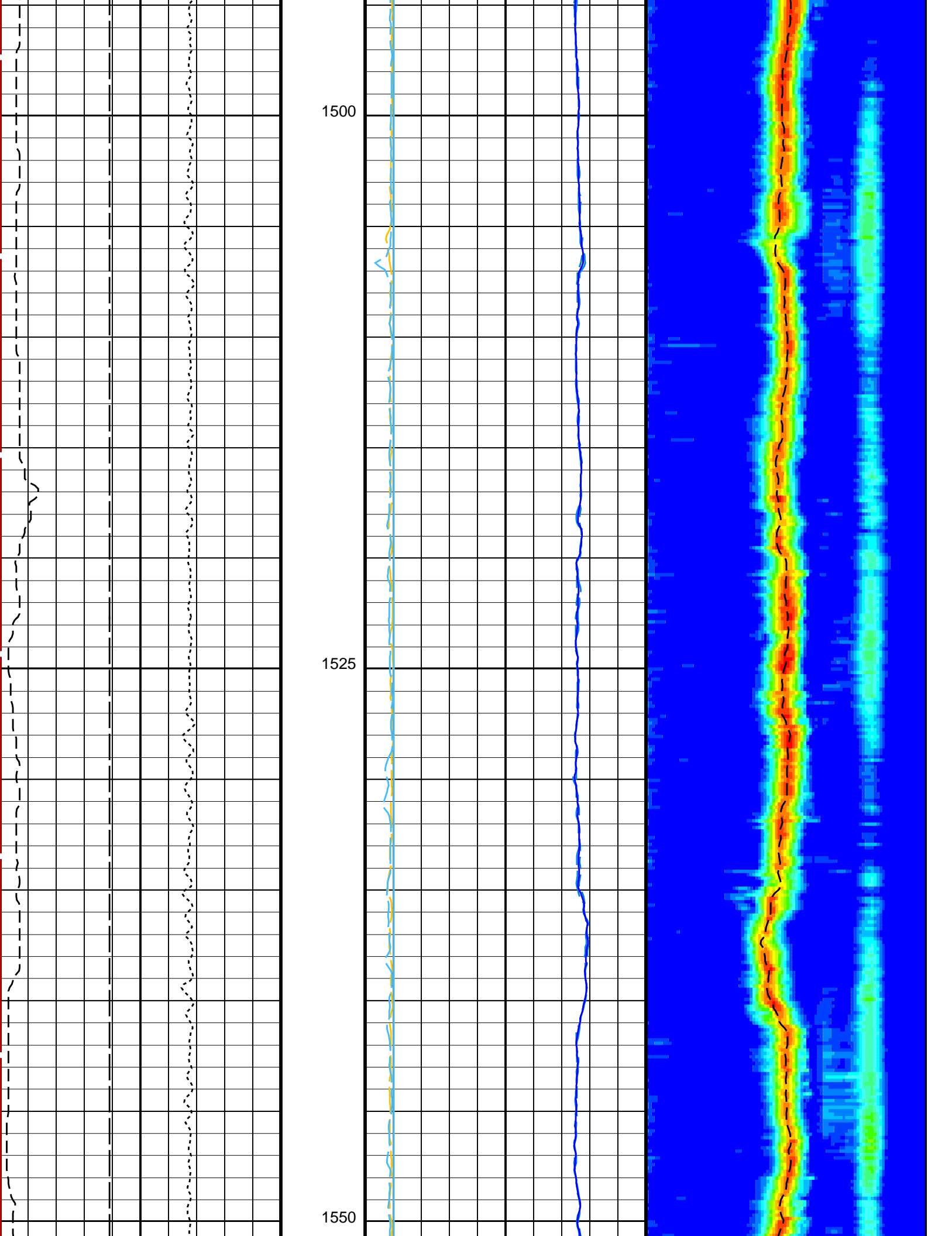


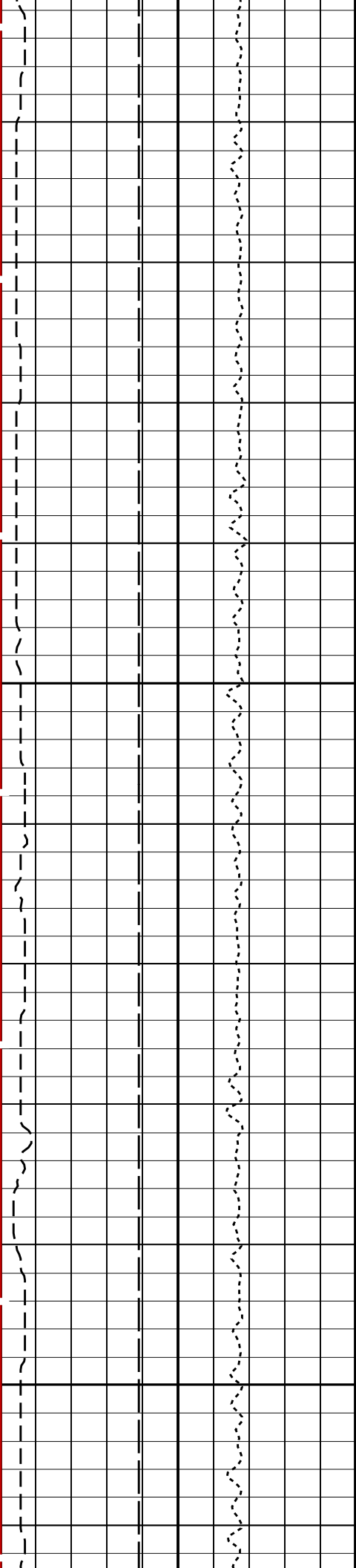


1450

1475

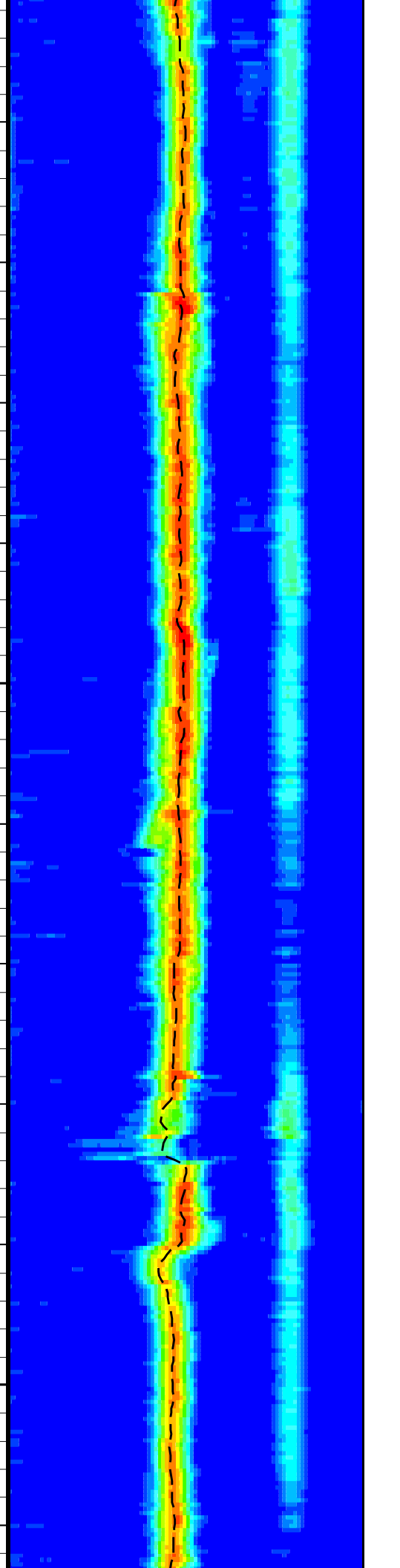
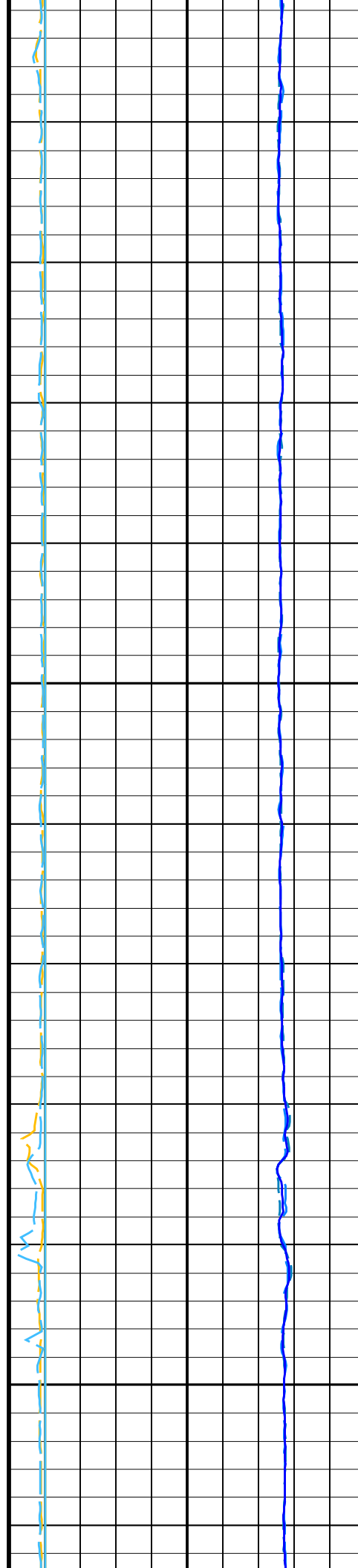


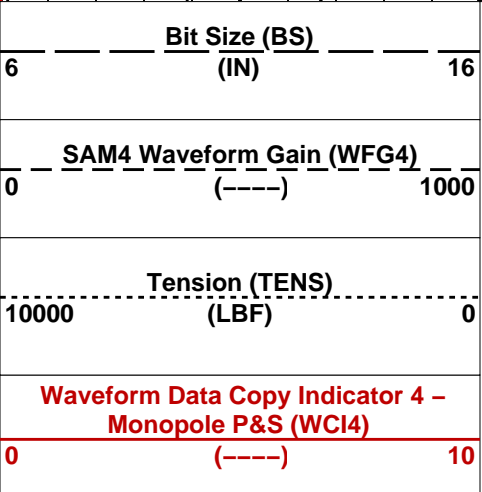
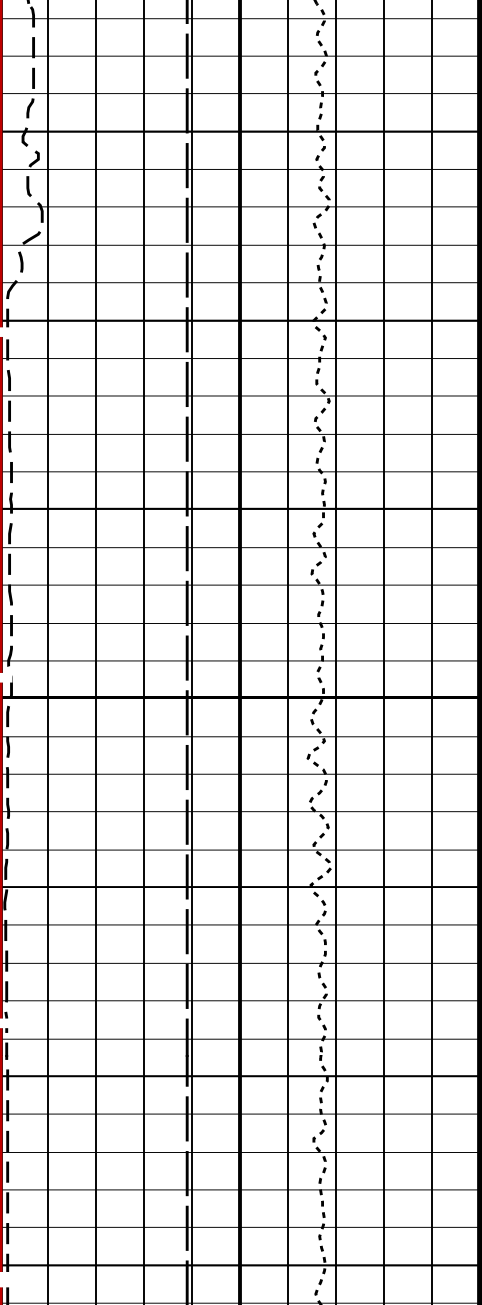




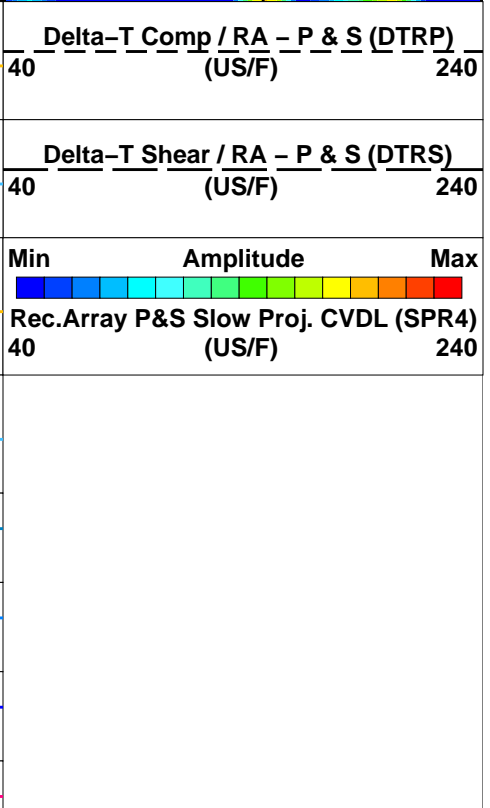
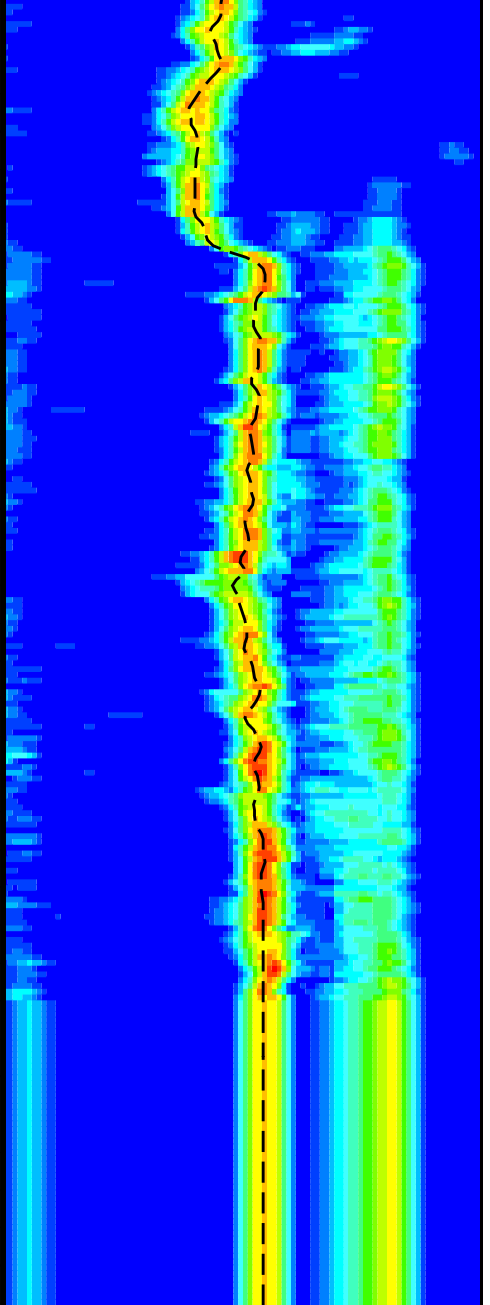
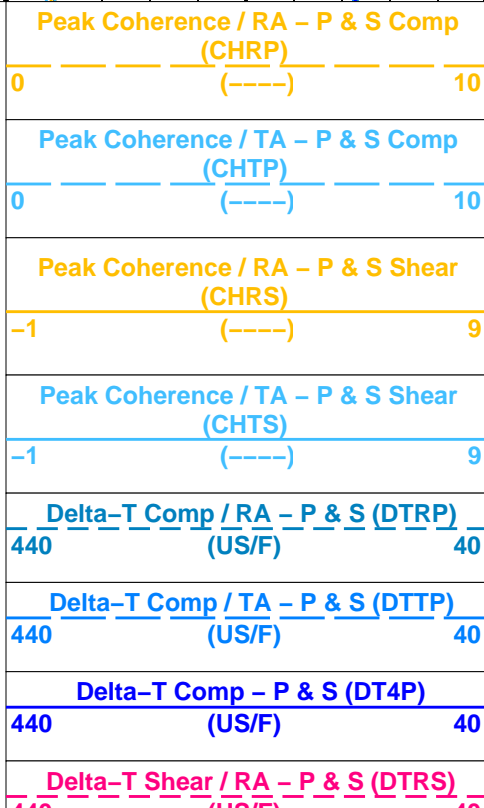
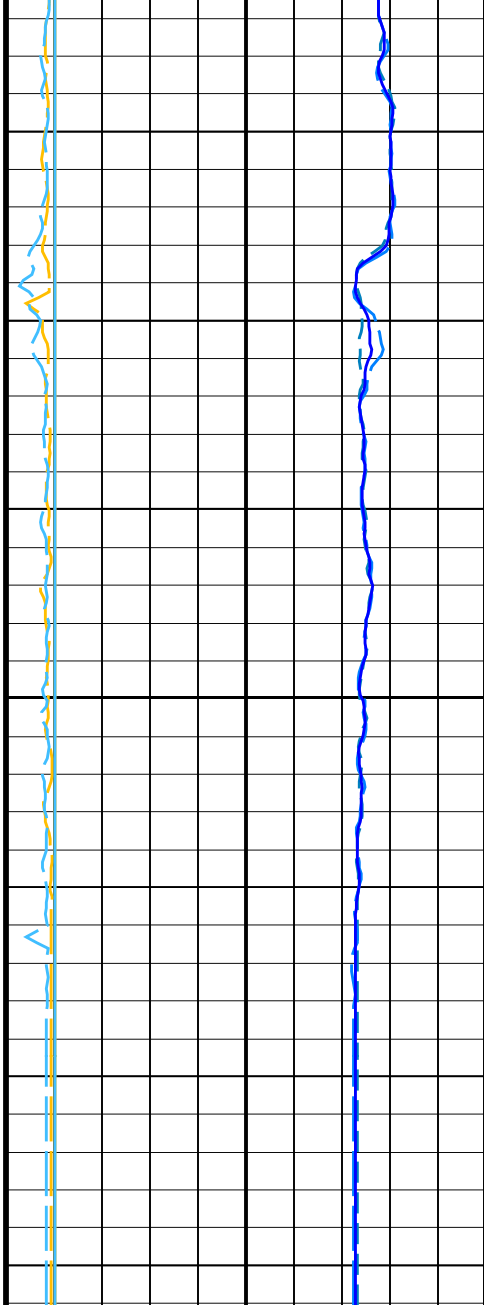
1575

1600





1625



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	180	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	189	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	75	US/F
SHUL	Label Slowness Upper Limit - Monopole P&S Shear	180	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	
WFM4	Waveform Mode 4	W1	
HRLT-B: High Resolution Laterolog Array - B			
BHS	Borehole Status	OPEN	
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
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files

DEFAULT Flip_MSS_LDEO_DSI_007LUP PRODUCER 25-Sep-2023 05:57 1639.1 M 683.5 M

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_011PUP FN:9 PRODUCER 25-Sep-2023 08:25

Company: International Ocean Discovery Program Well: Expedition 400, Site U1607A

Input DLIS Files

DEFAULT Flip_MSS_LDEO_DSI_007LUP PRODUCER 25-Sep-2023 05:57 1639.1 M 683.5 M

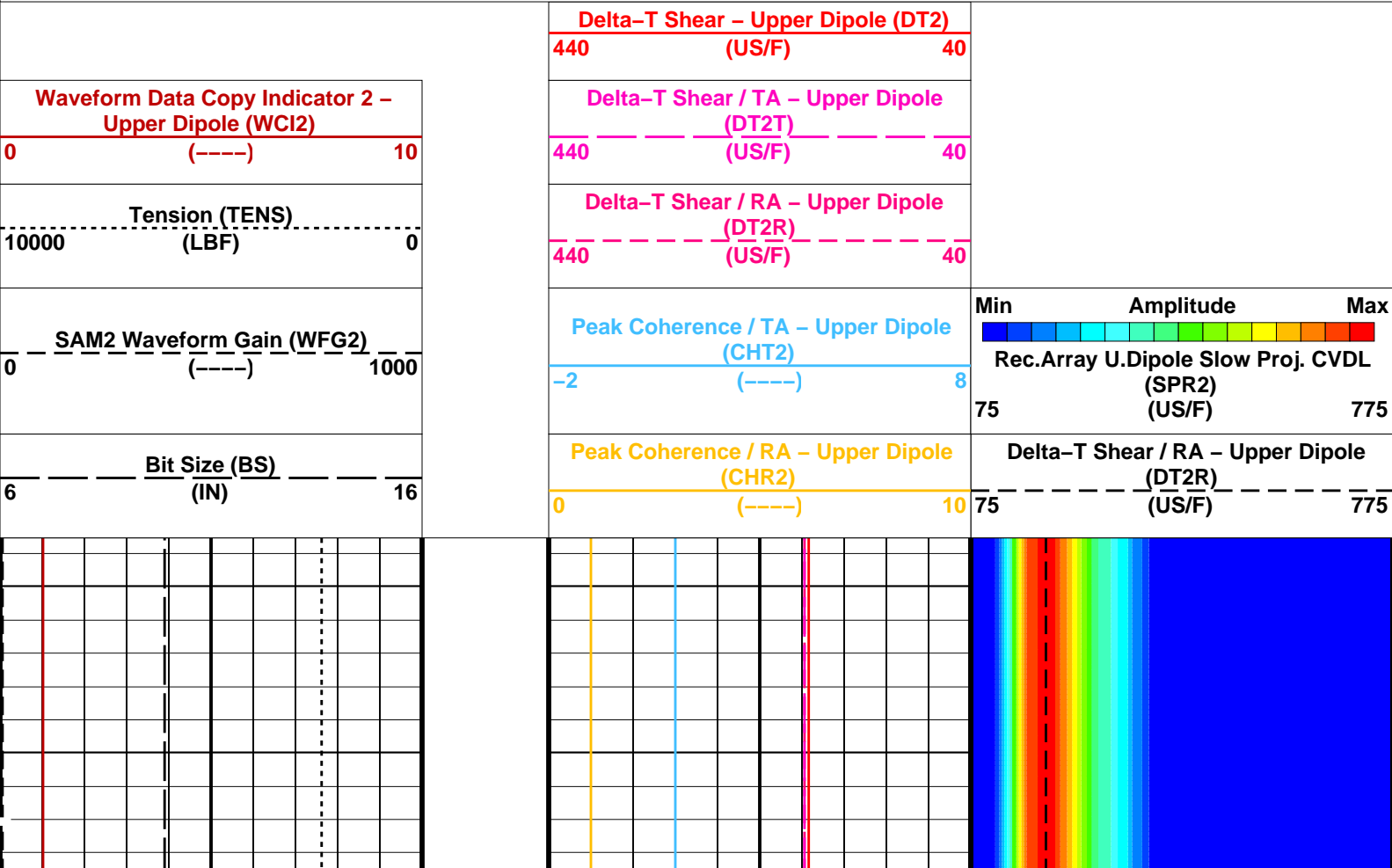
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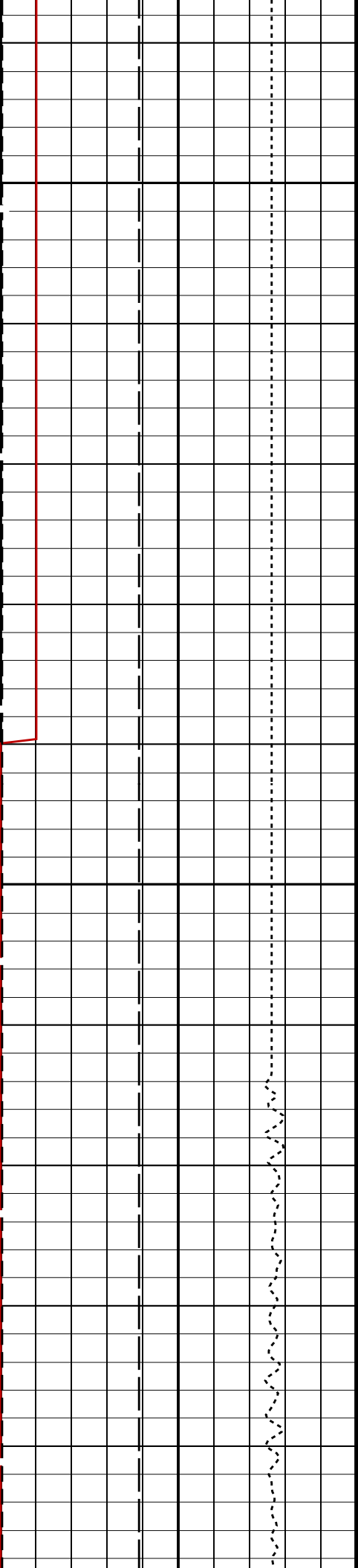
DEFAULT MSS_LDEO_DSI_HRLA_011PUP FN:9 PRODUCER 25-Sep-2023 08:25 1641.0 M 683.5 M

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

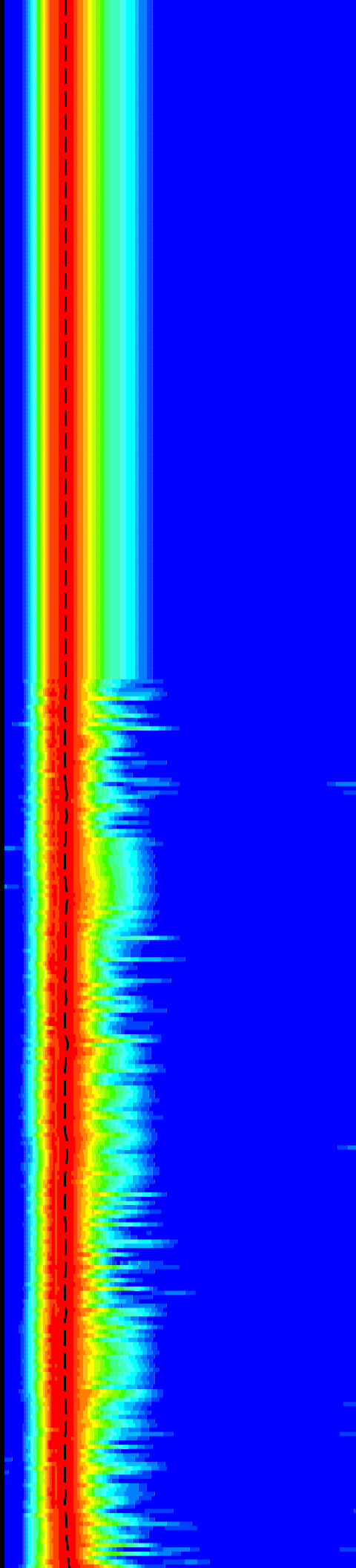
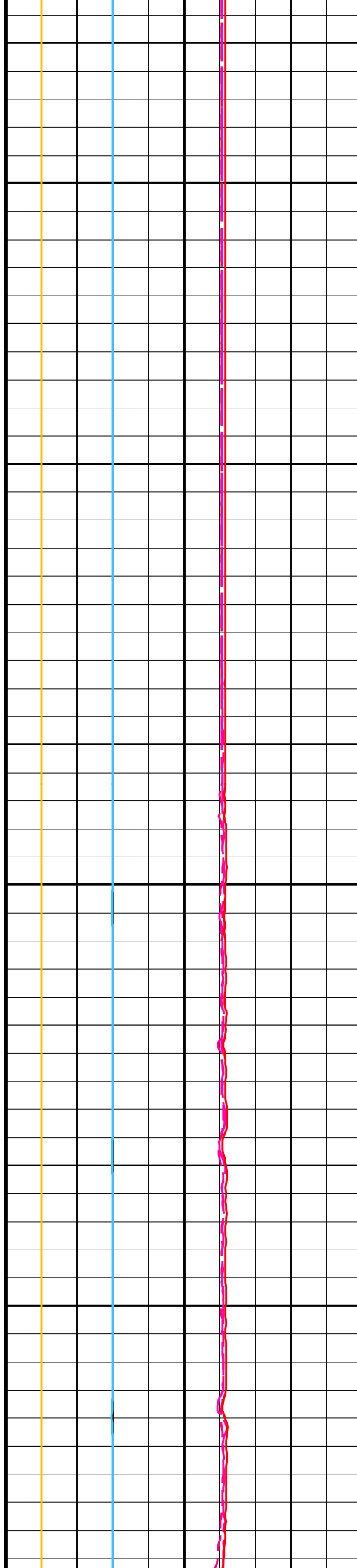
Time Mark Every 60 S

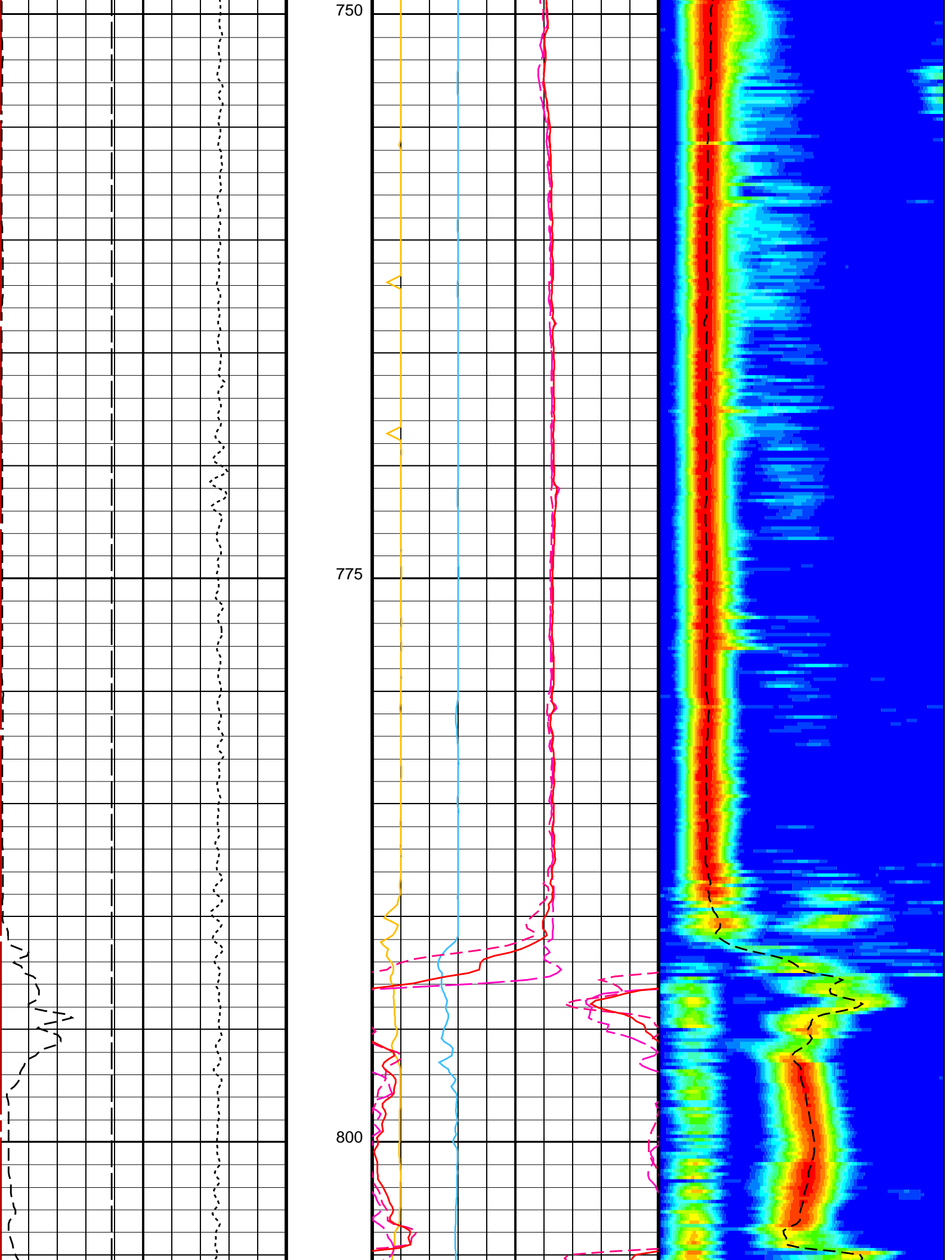


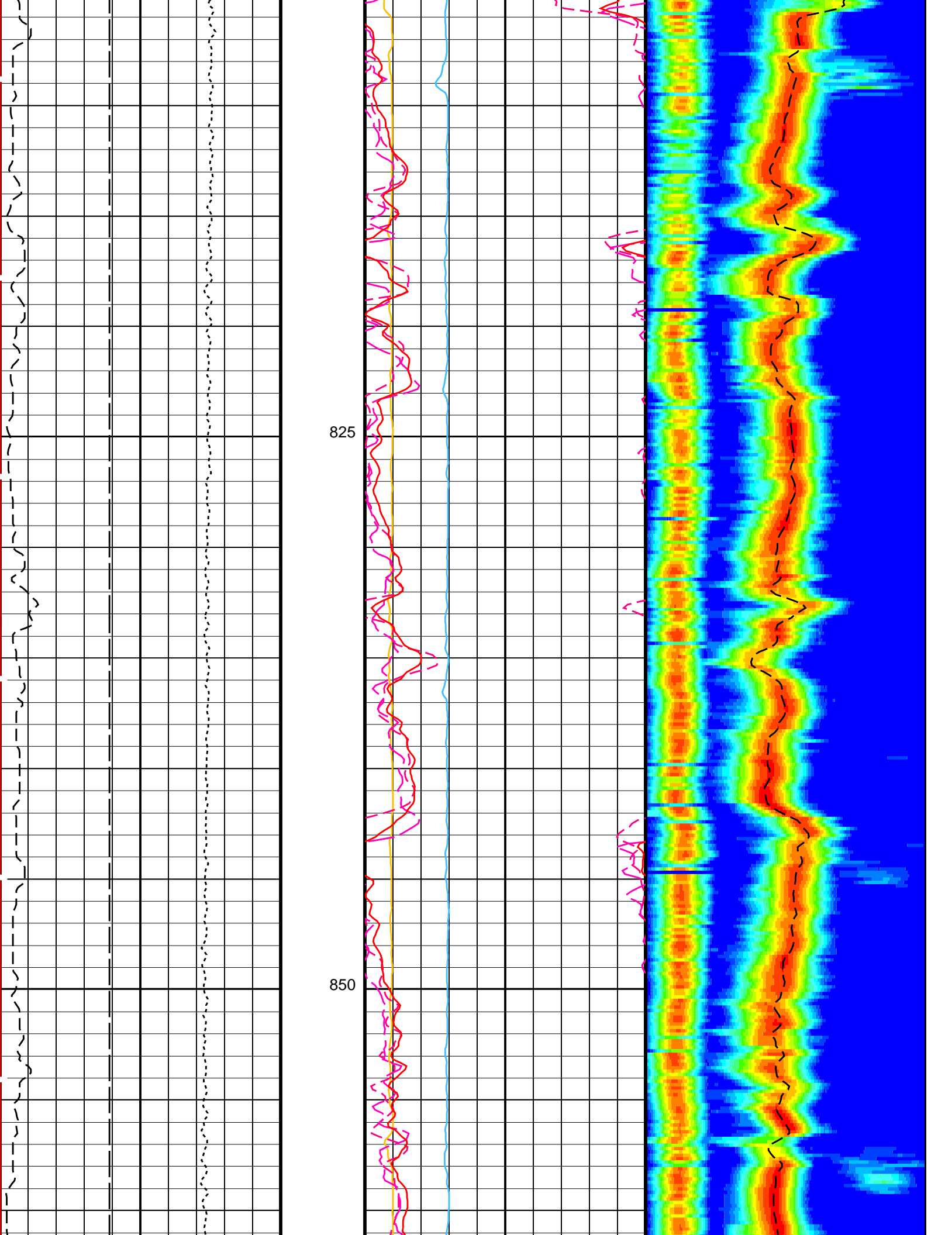


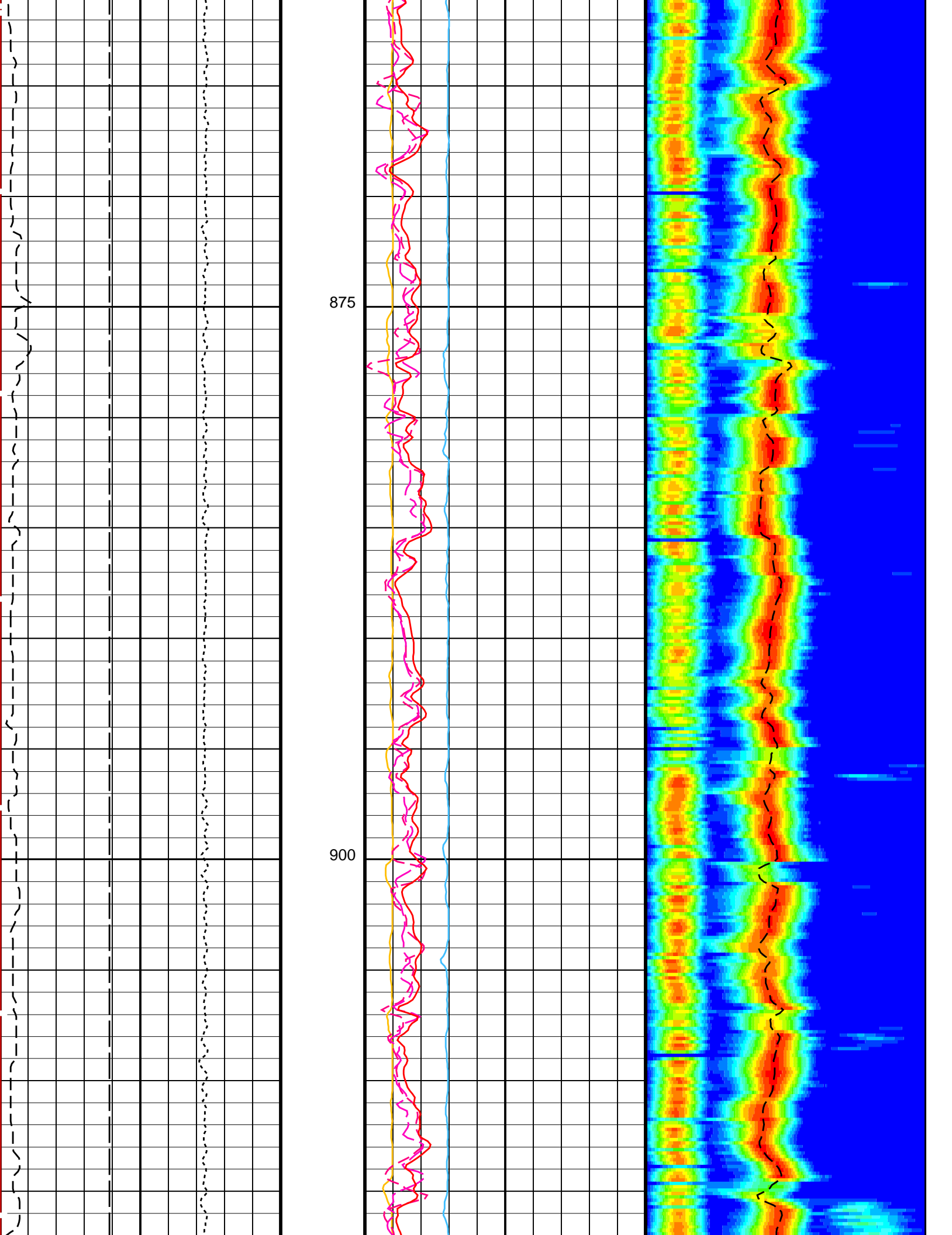
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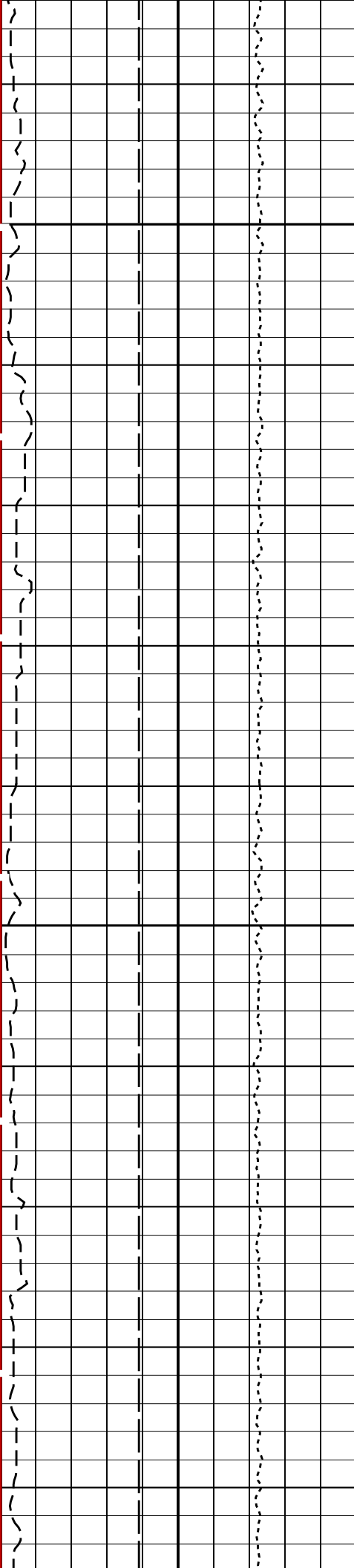
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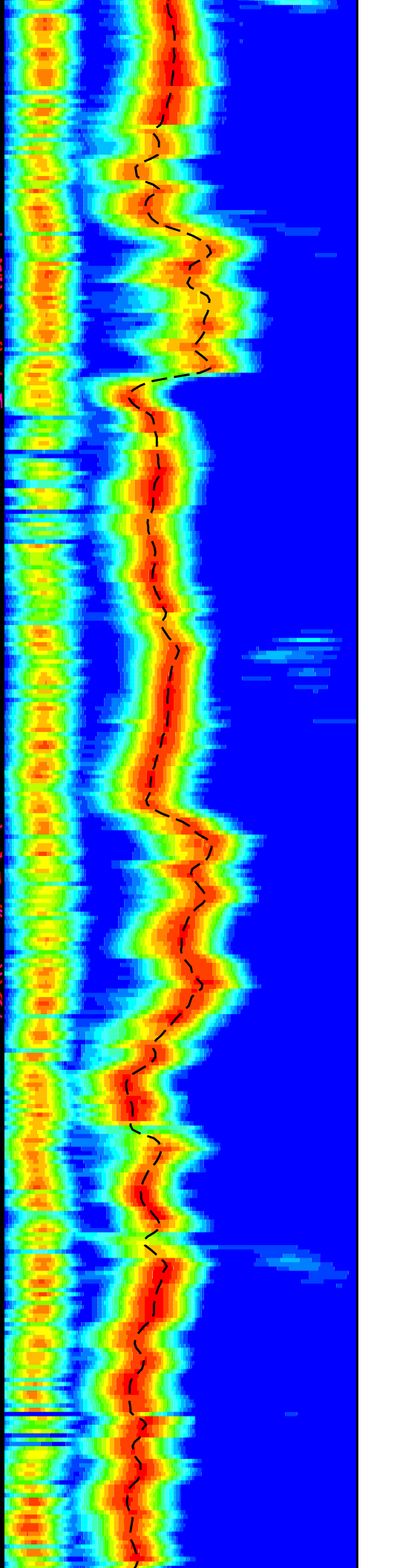
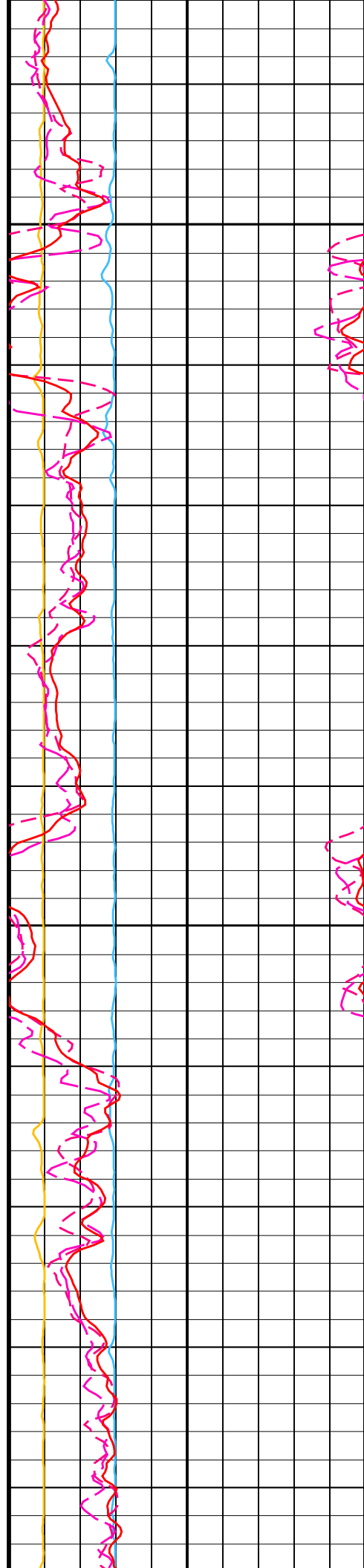


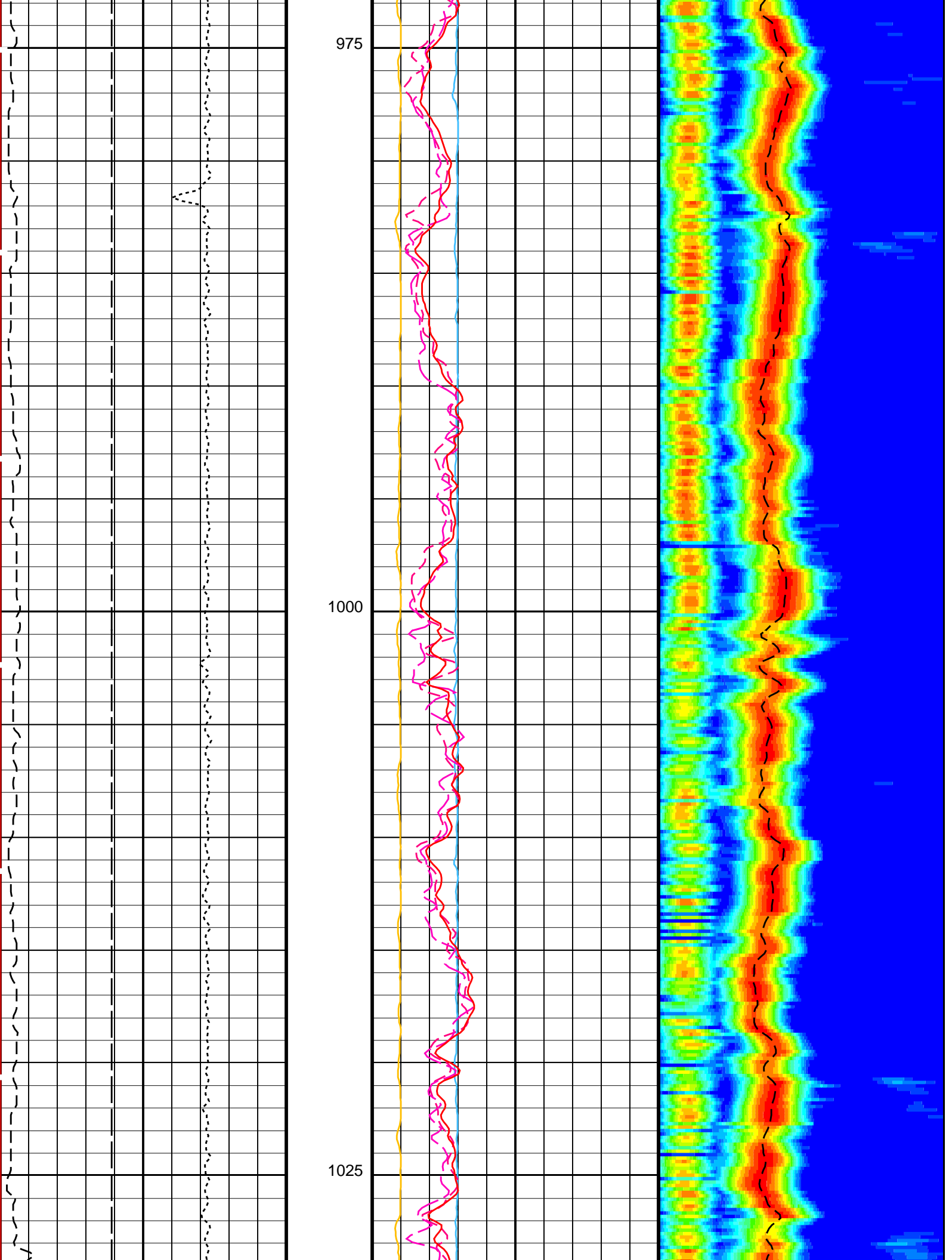


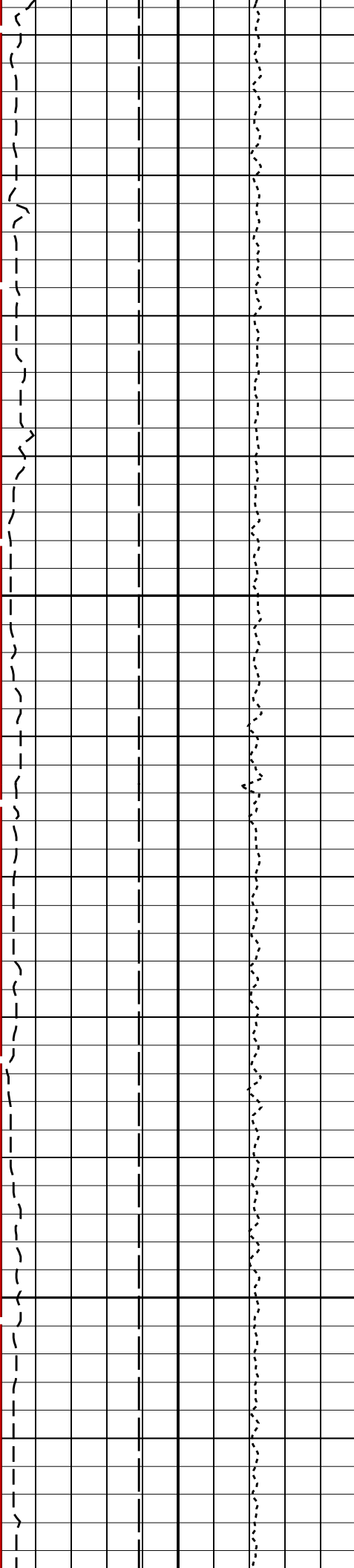


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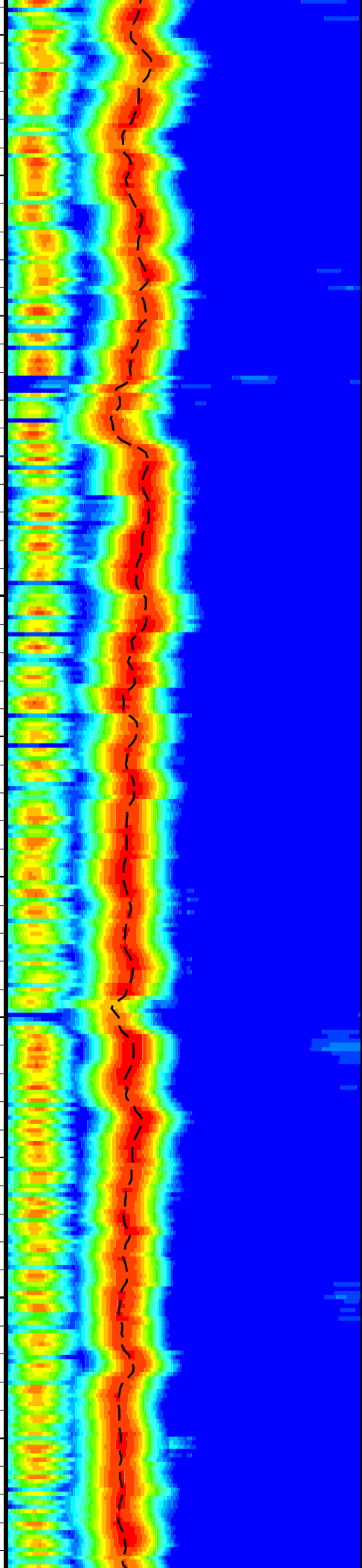
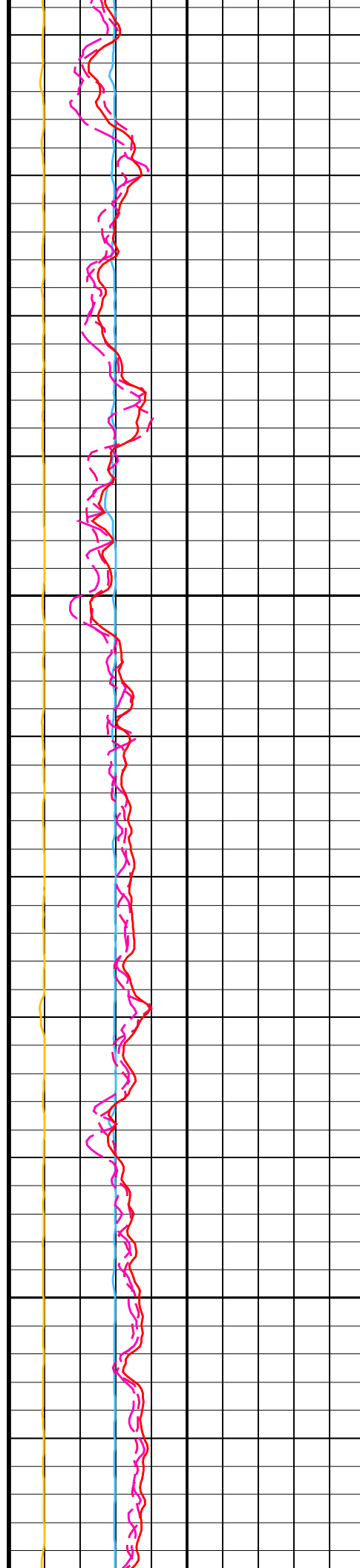


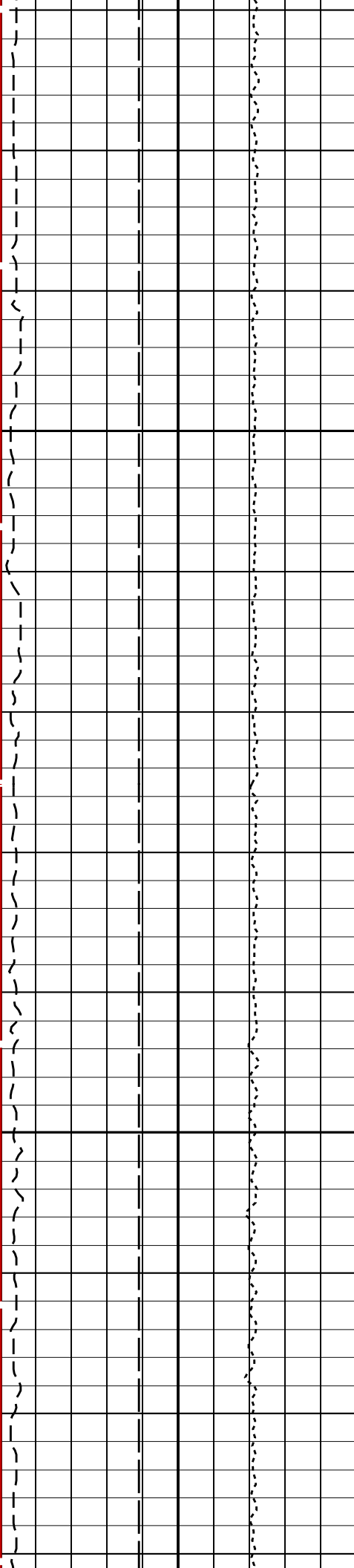




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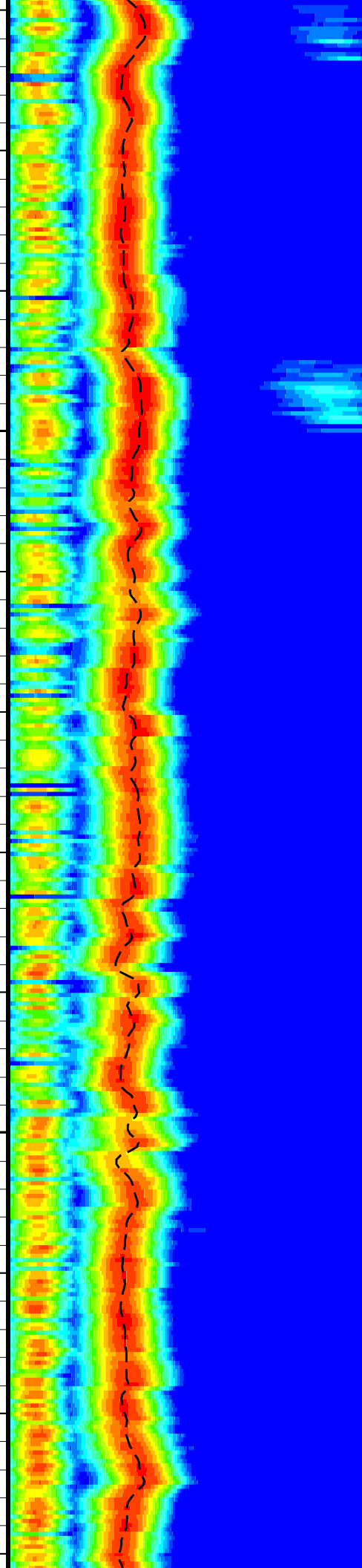
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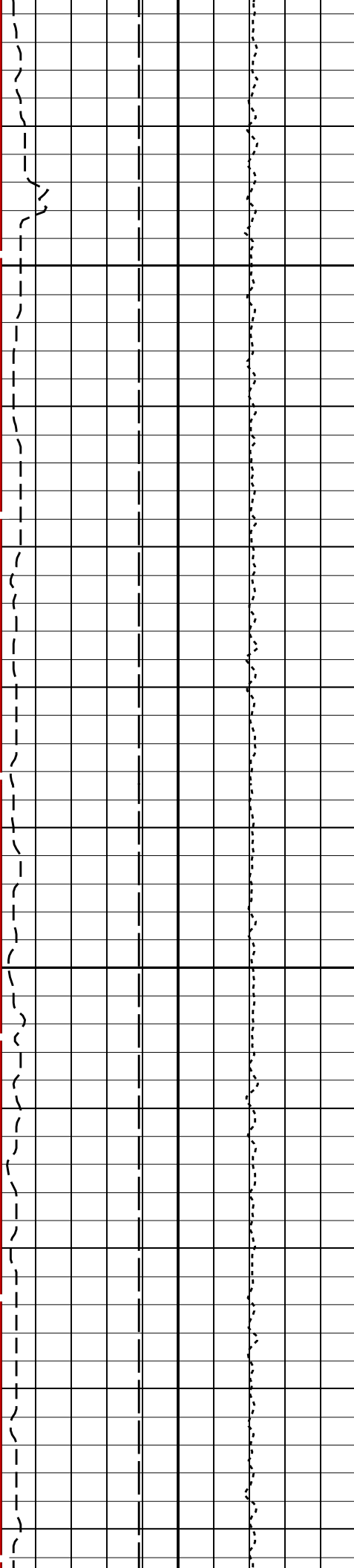




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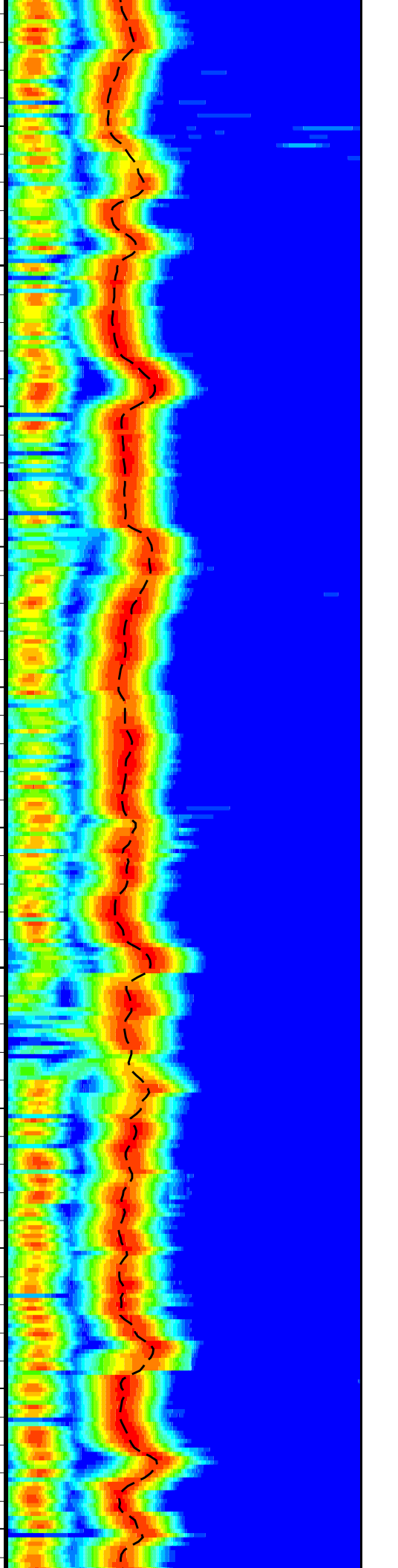
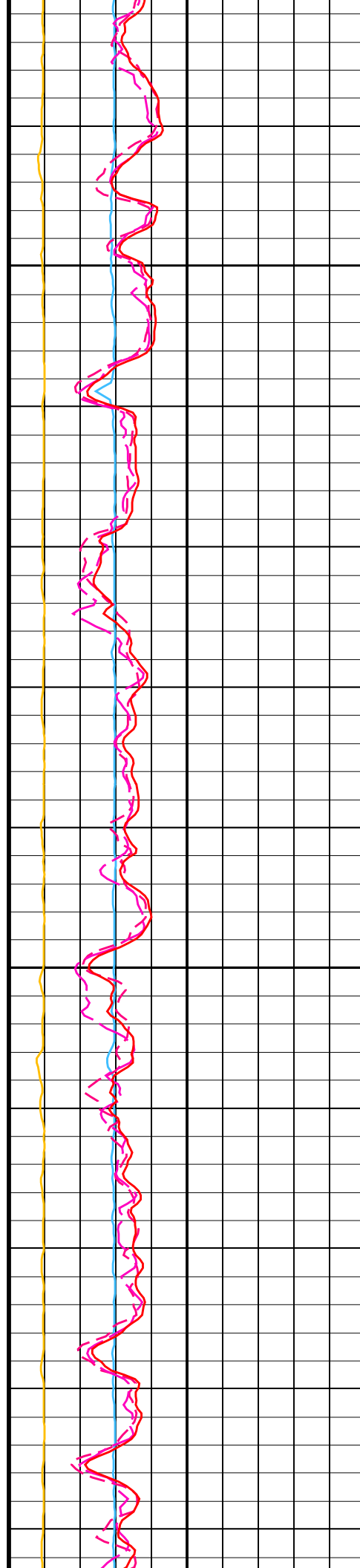
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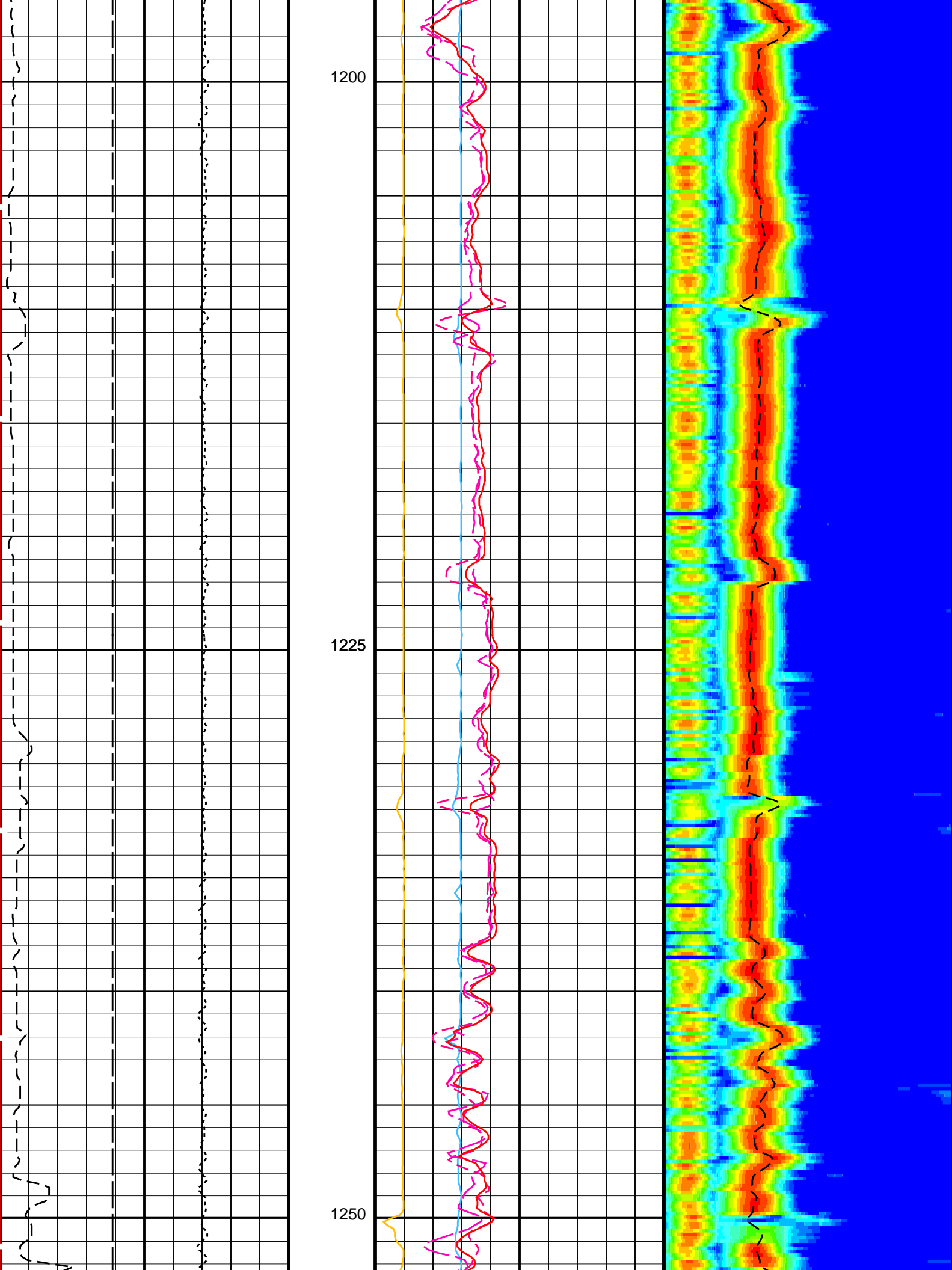


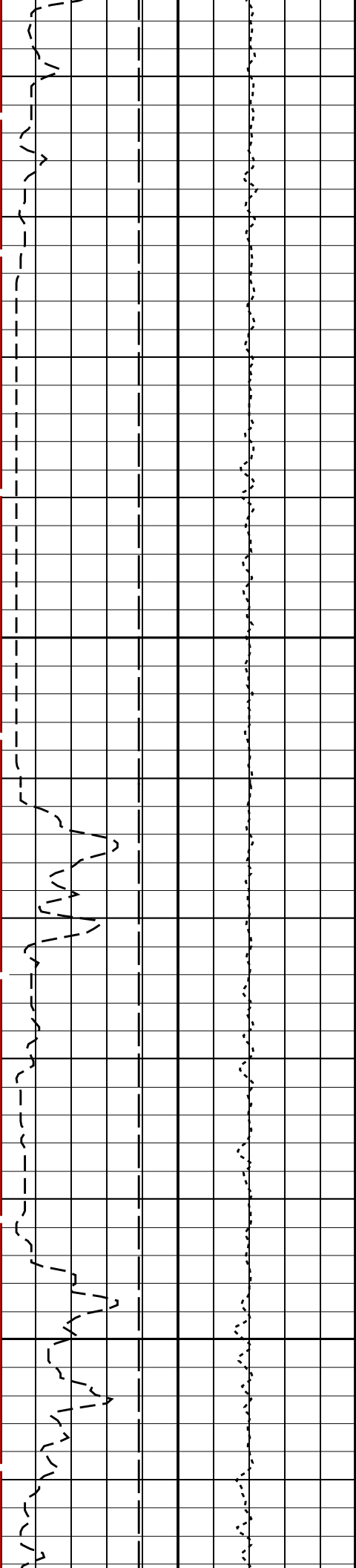


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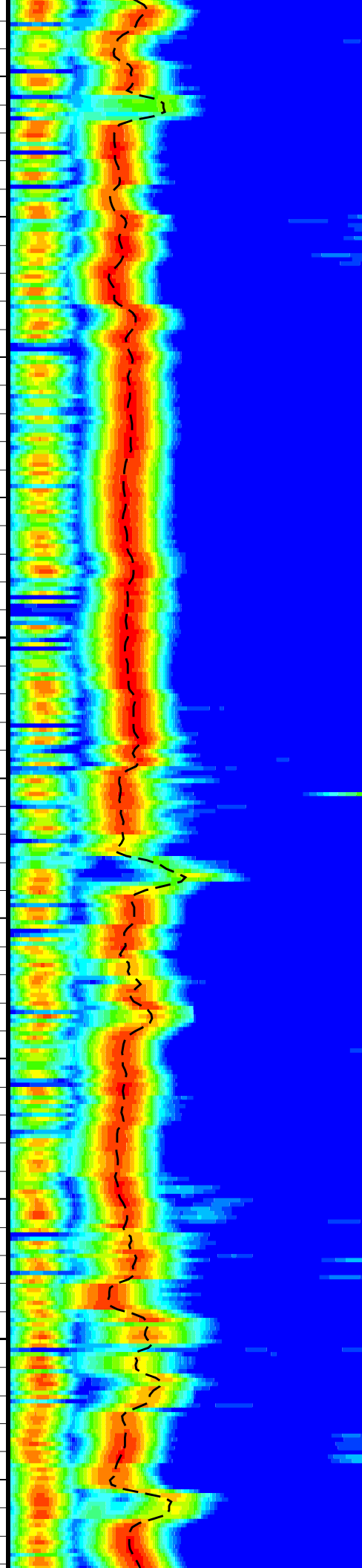
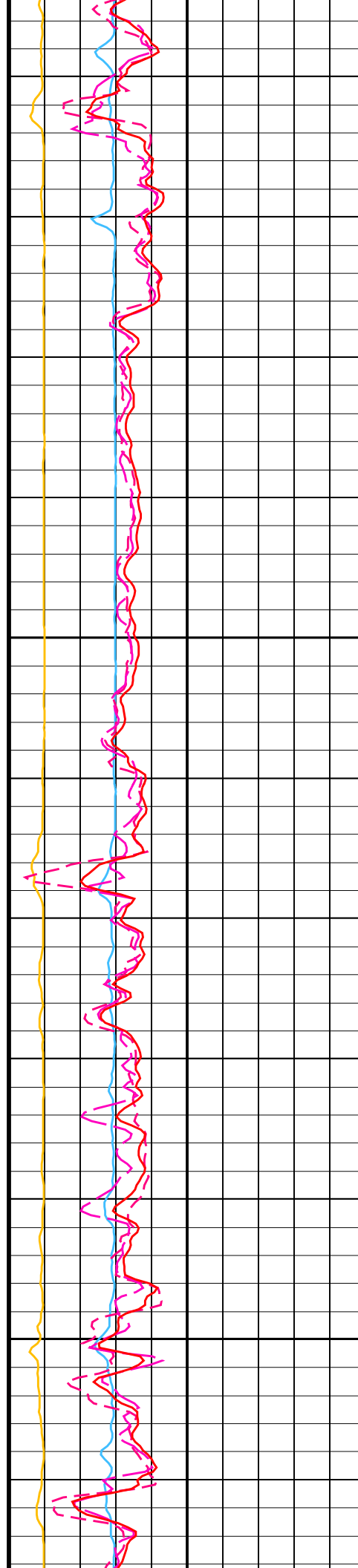


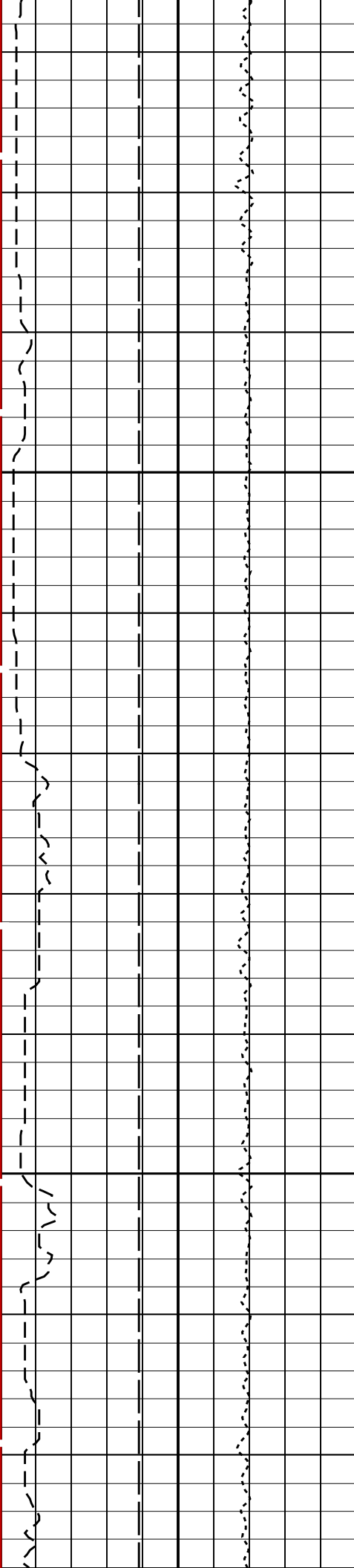




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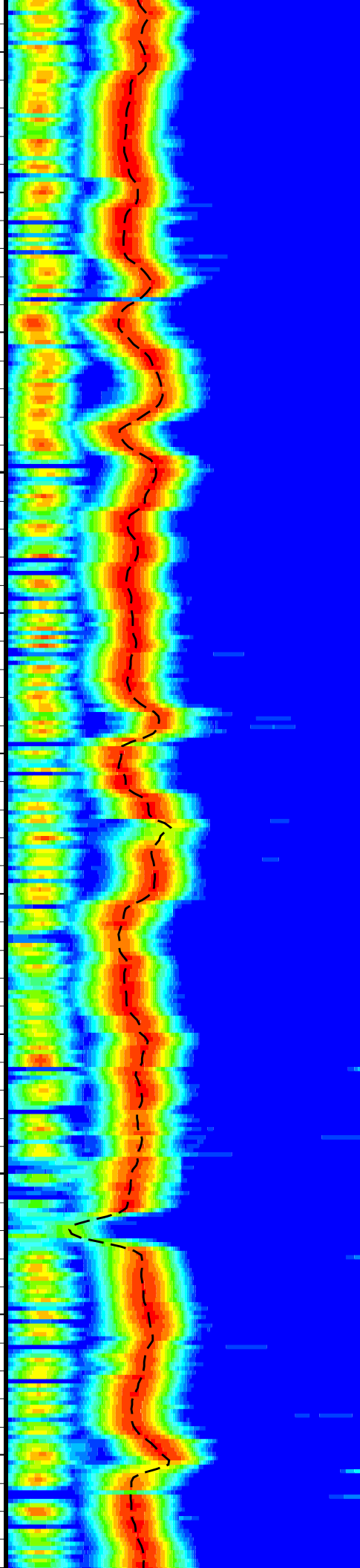
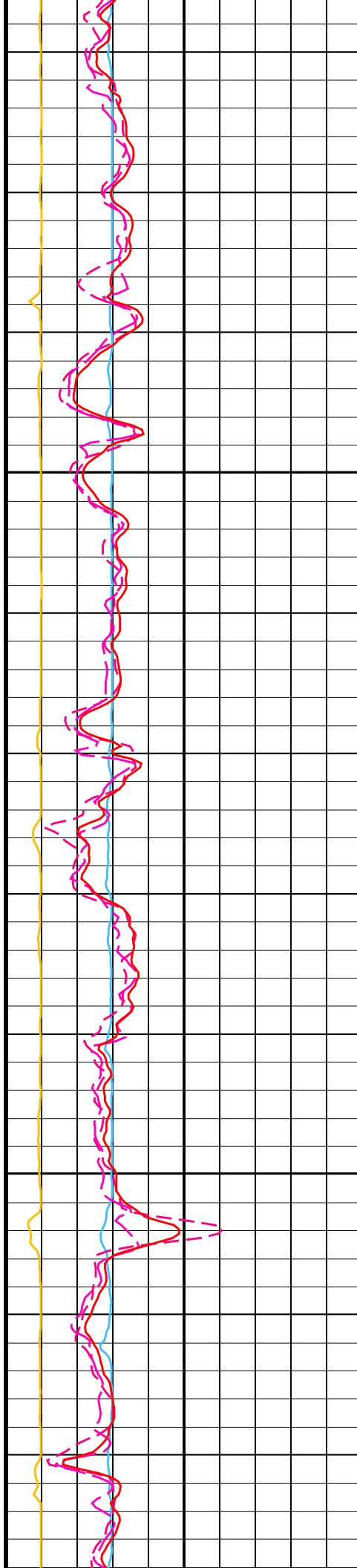
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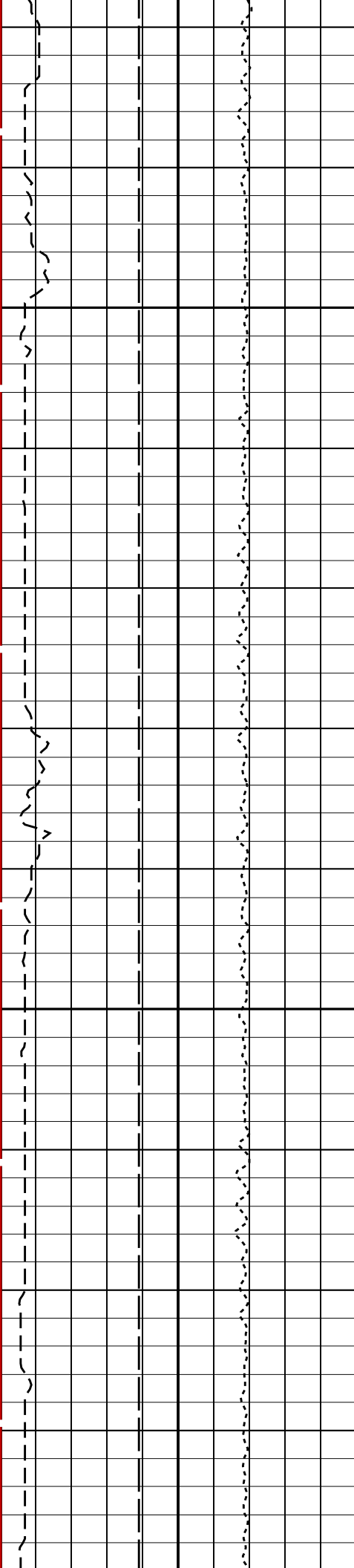




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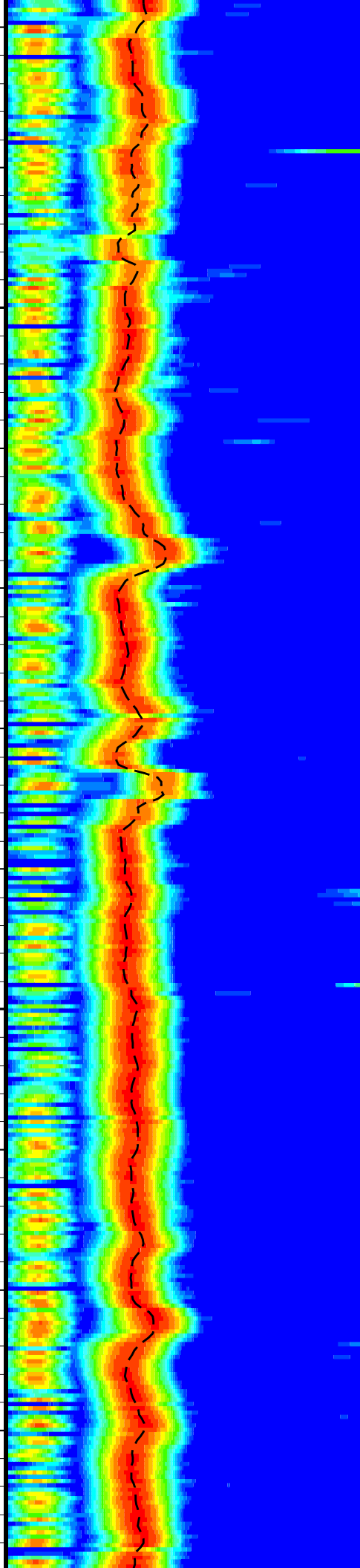
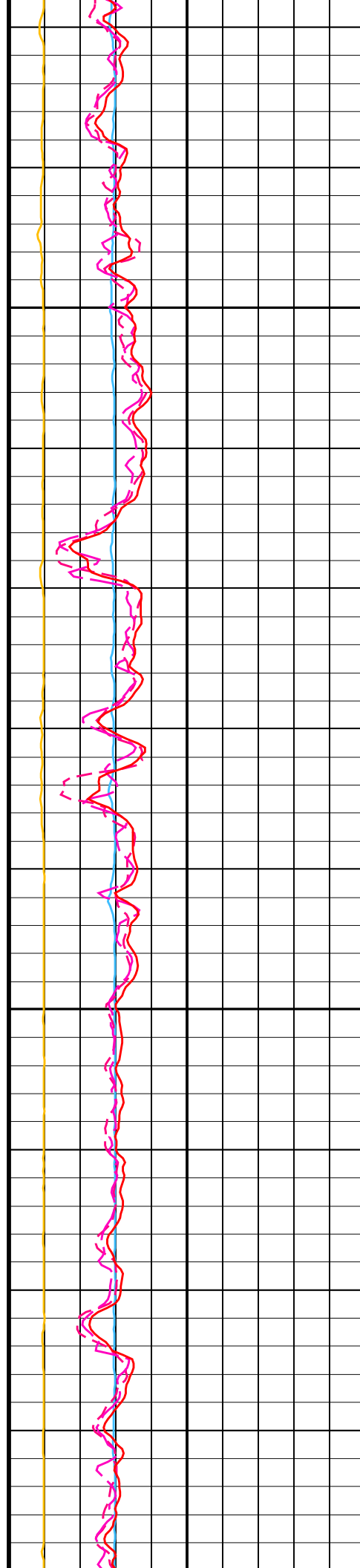
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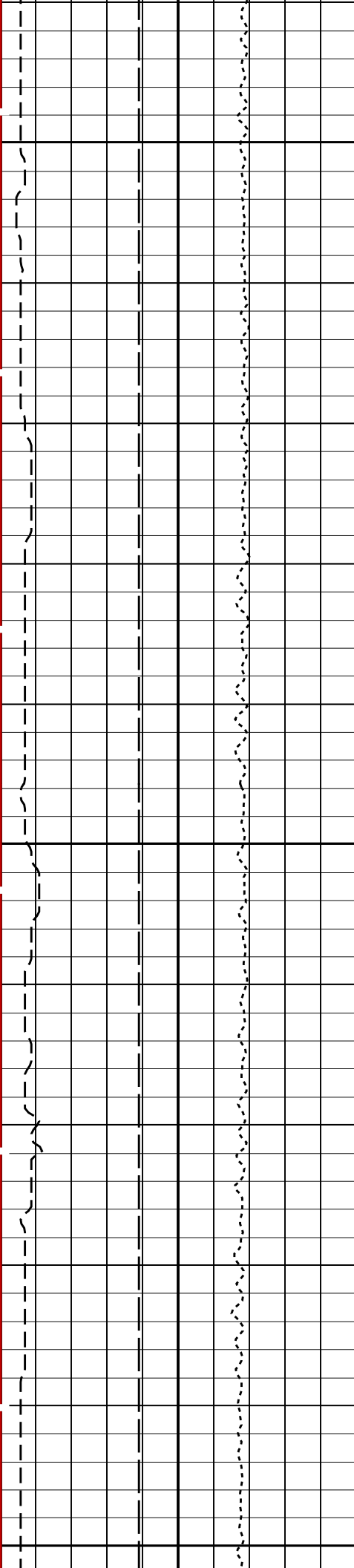




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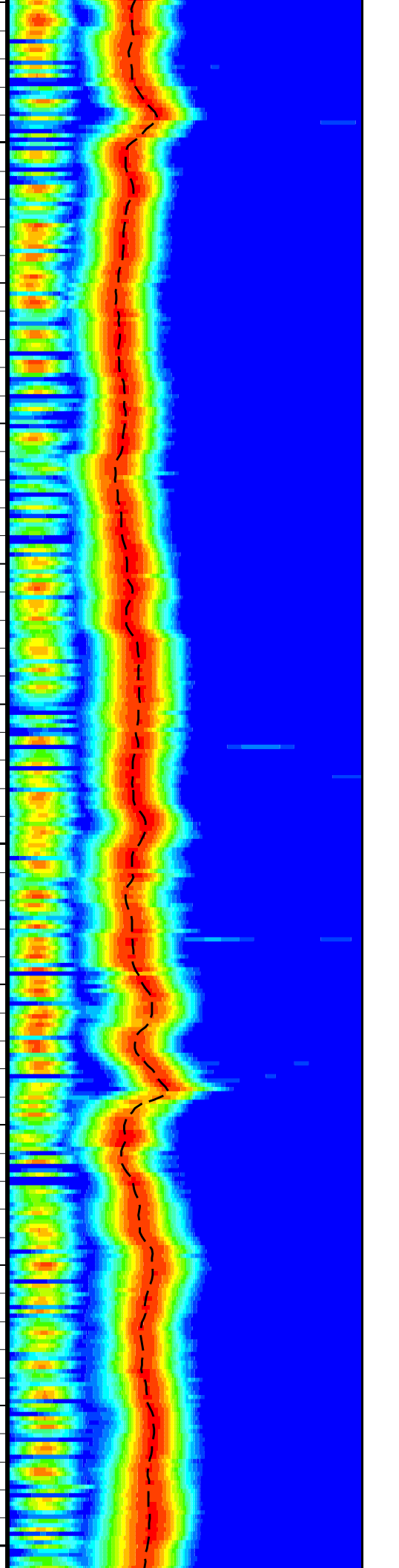
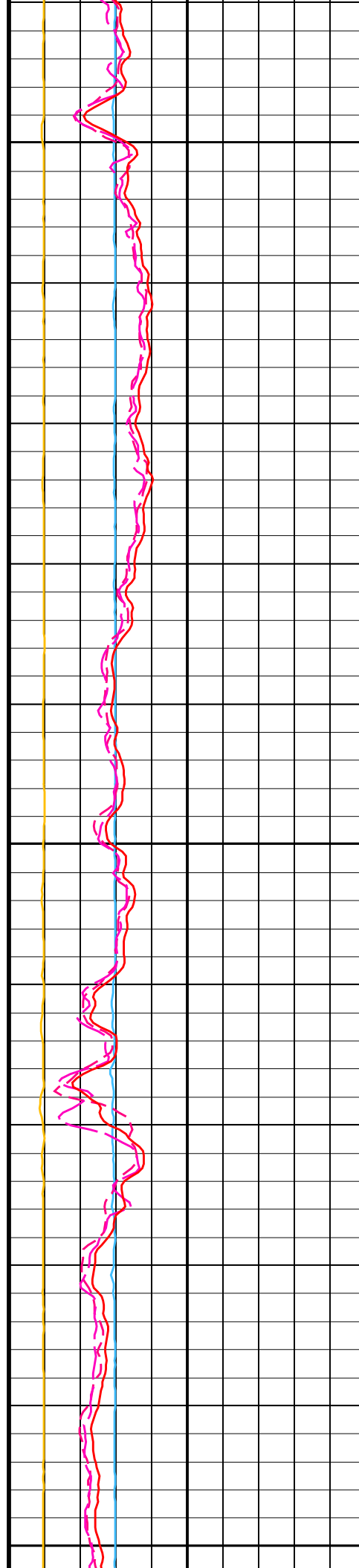


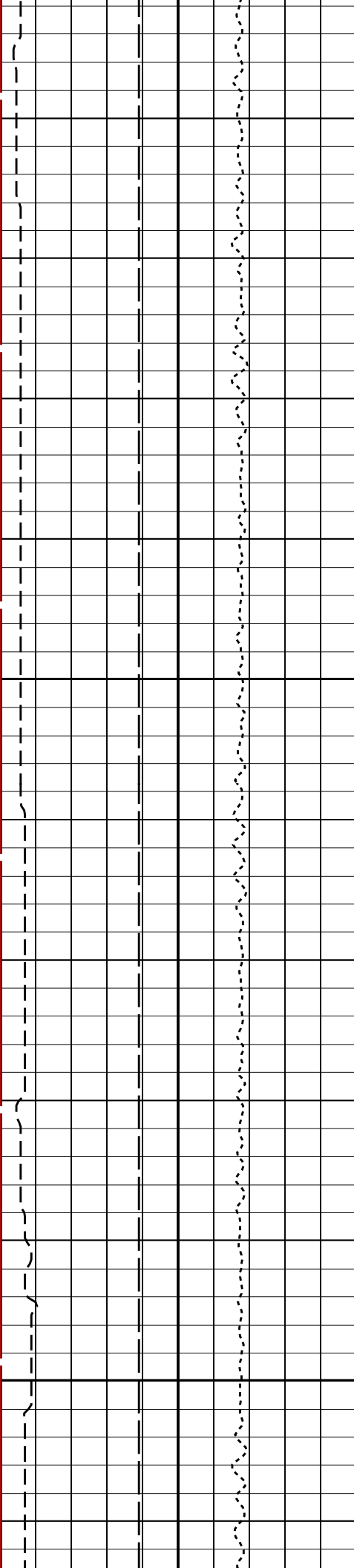


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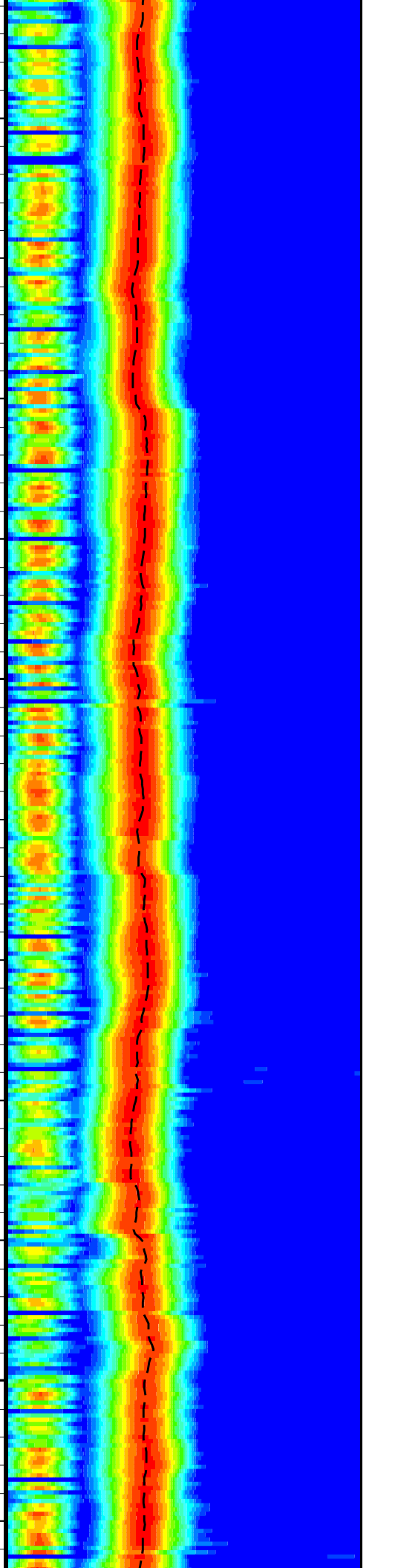
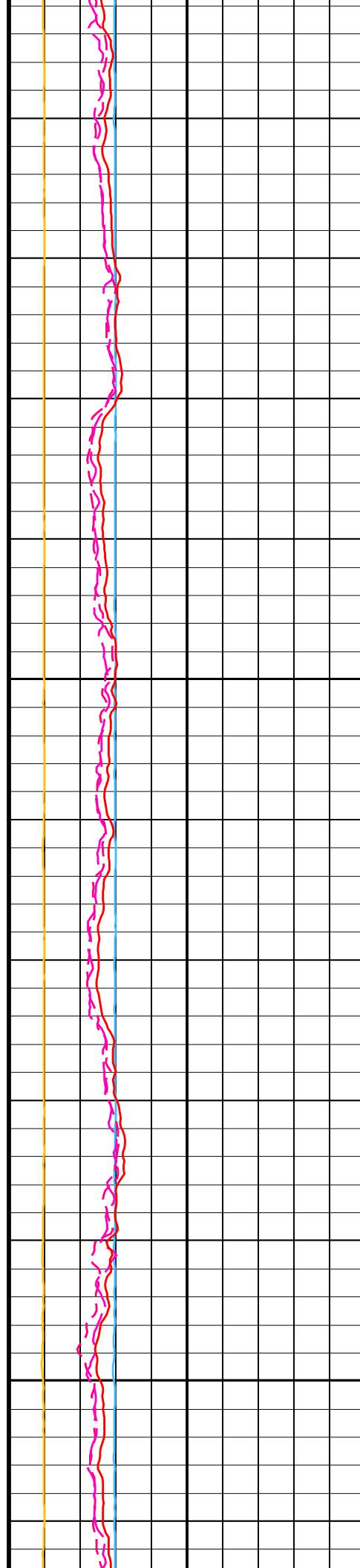
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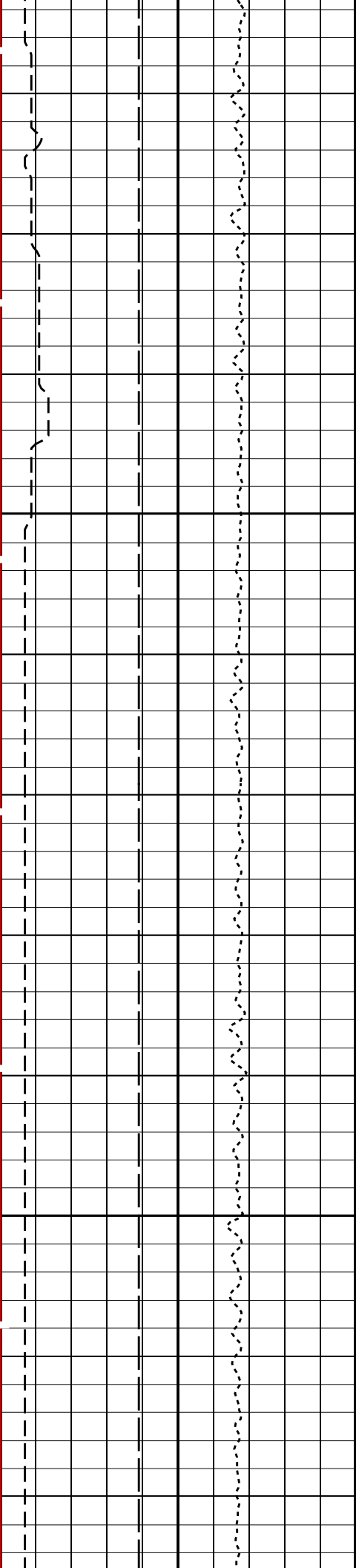




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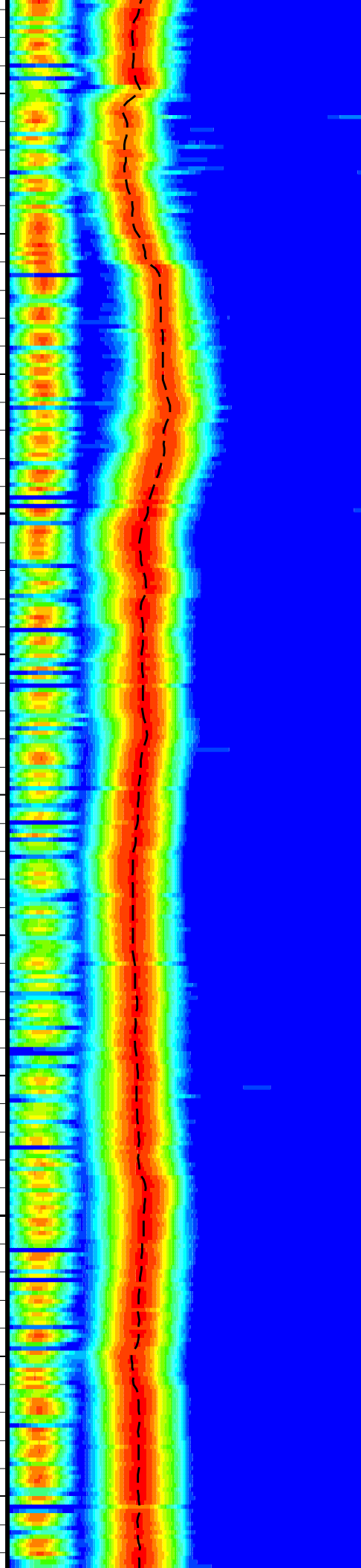
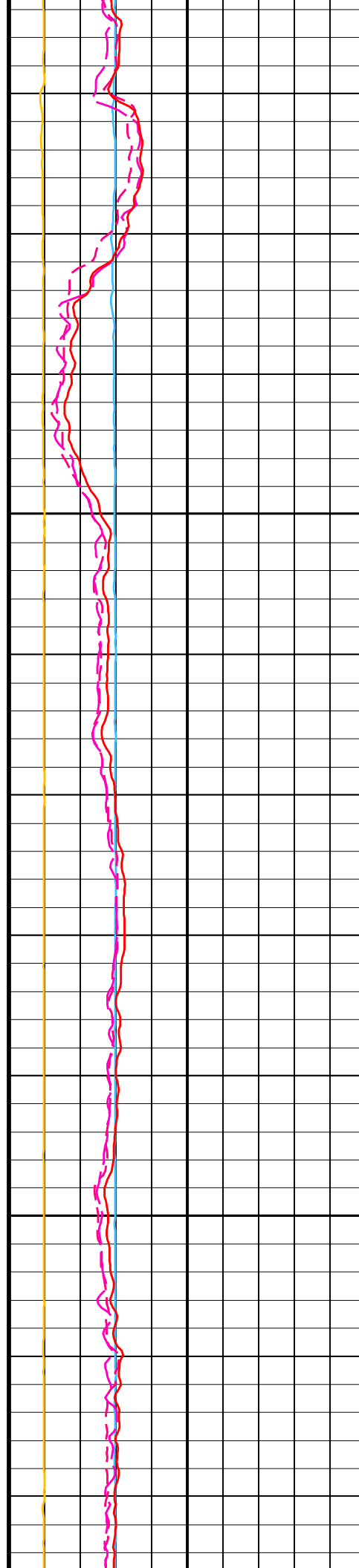
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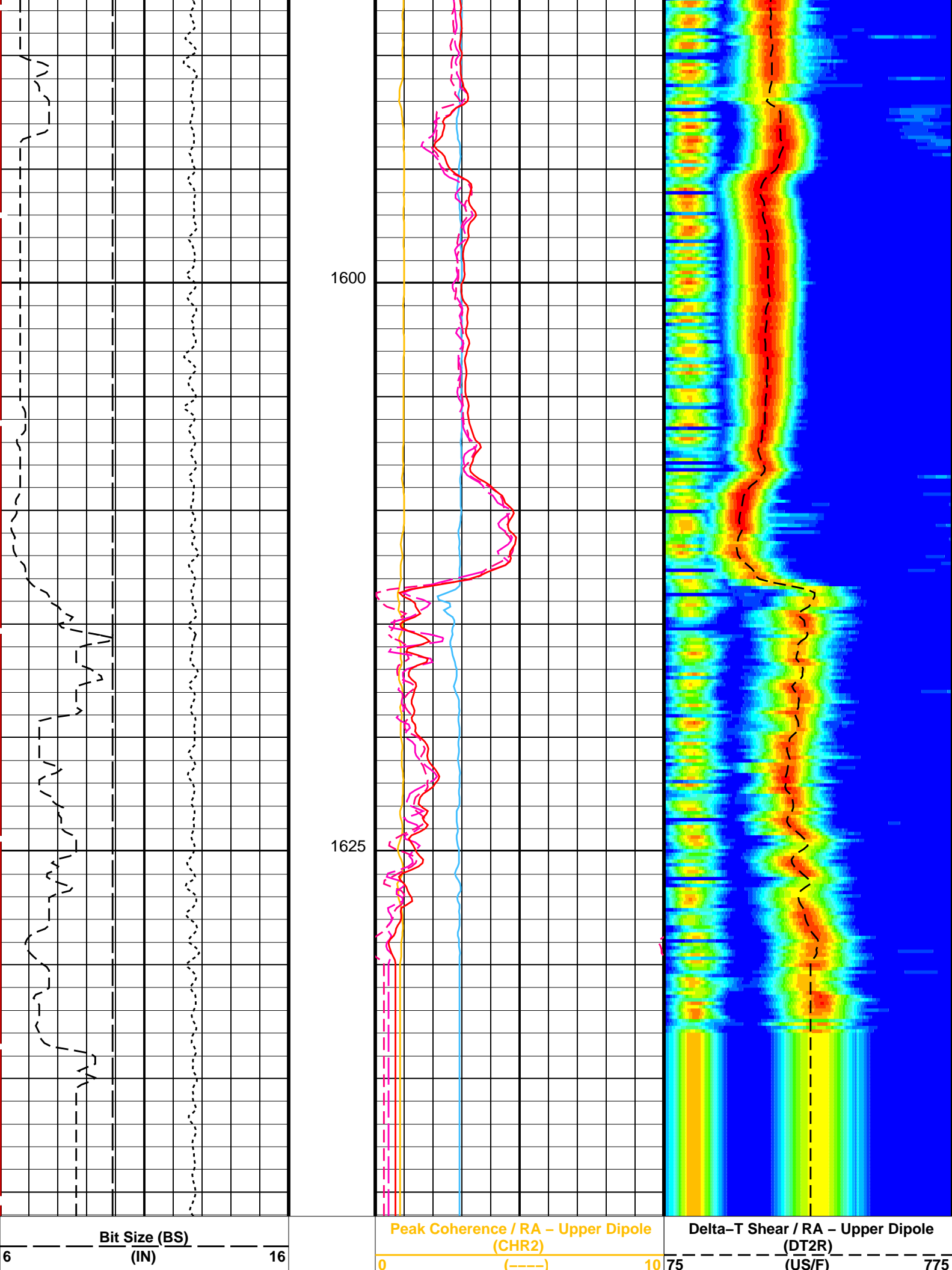




1550

1575





<div><div>SAM2 Waveform Gain (WFG2)</div><div>0 (----) 1000</div></div>	<div><div>Peak Coherence / TA – Upper Dipole (CHT2)</div><div>-2 (----) 8</div></div>	<div><div>MinAmplitudeMax</div><div>Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F) 75 775</div></div>
<div><div>Tension (TENS)</div><div>10000 (LBF) 0</div></div>	<div><div>Delta-T Shear / RA – Upper Dipole (DT2R)</div><div>440 (US/F) 40</div></div>	
<div><div>Waveform Data Copy Indicator 2 – Upper Dipole (WC12)</div><div>0 (----) 10</div></div>	<div><div>Delta-T Shear / TA – Upper Dipole (DT2T)</div><div>440 (US/F) 40</div></div>	
	<div><div>Delta-T Shear – Upper Dipole (DT2)</div><div>440 (US/F) 40</div></div>	

PIP SUMMARY
Time Mark Every 60 S

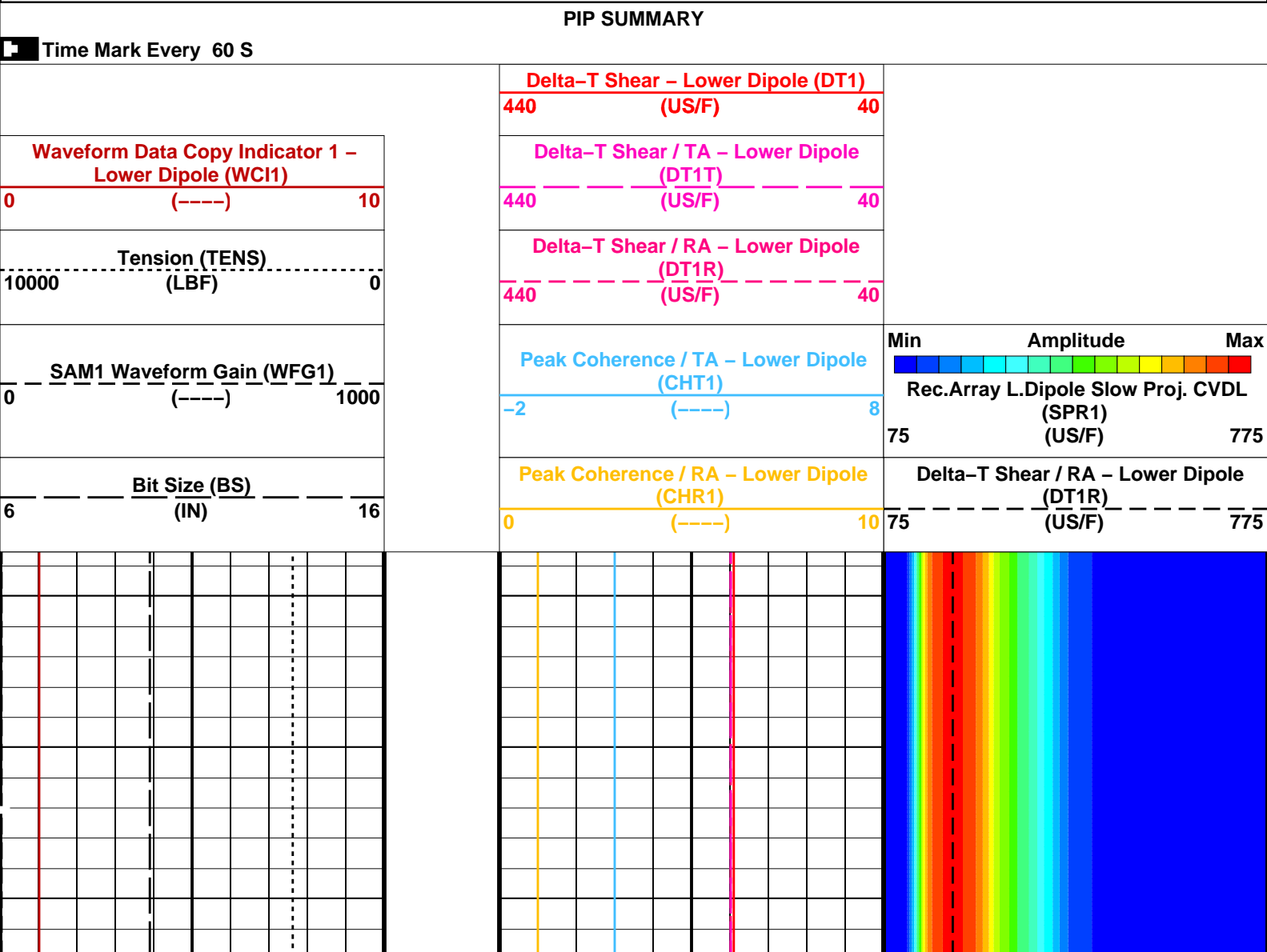
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DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE2	Digitizing Delay 2	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	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	B1–3K	
SLL2	STC Slowness Lower Limit – Upper Dipole	75	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	775	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	15525	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
WFM2	Waveform Mode 2	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

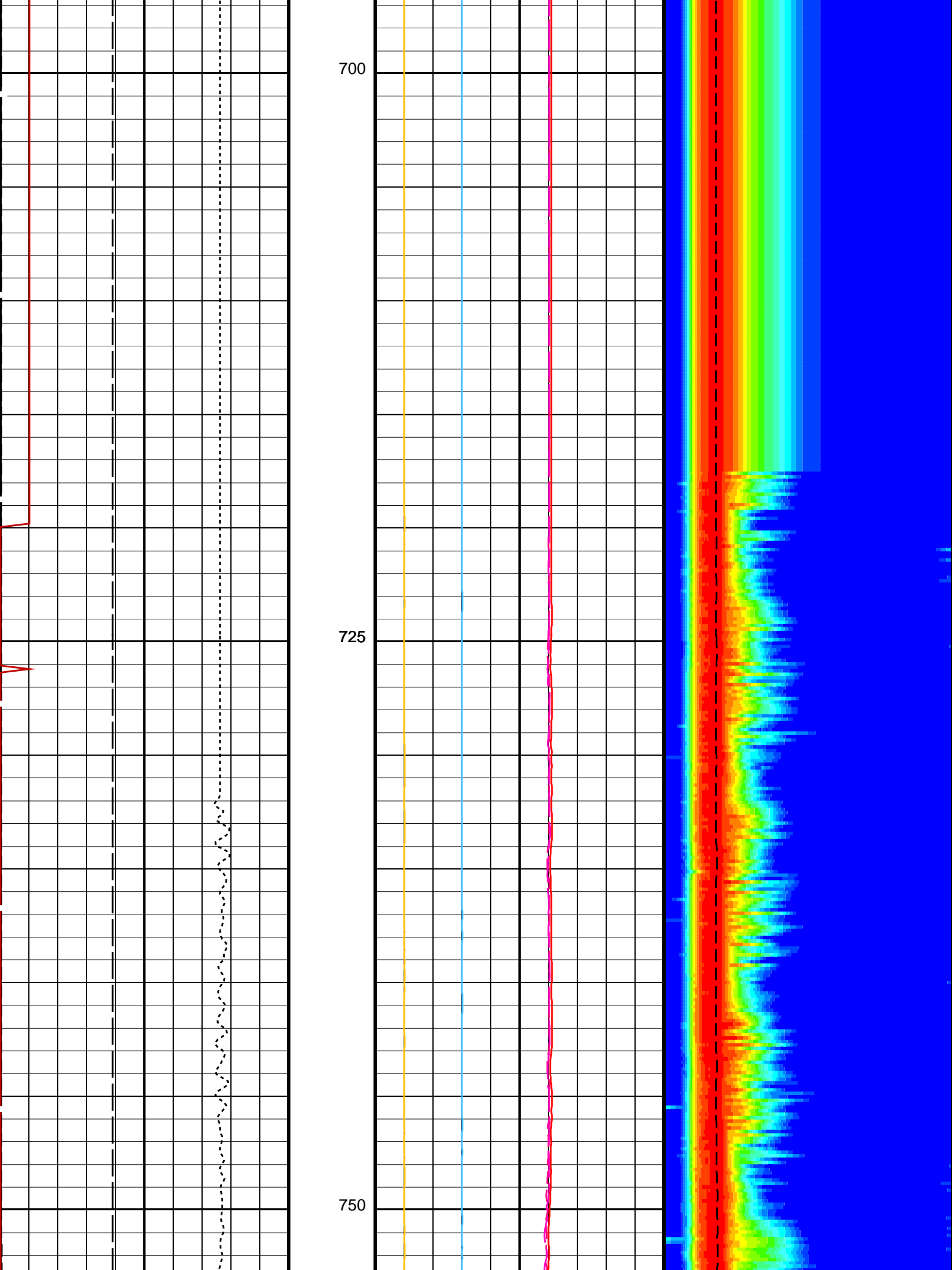
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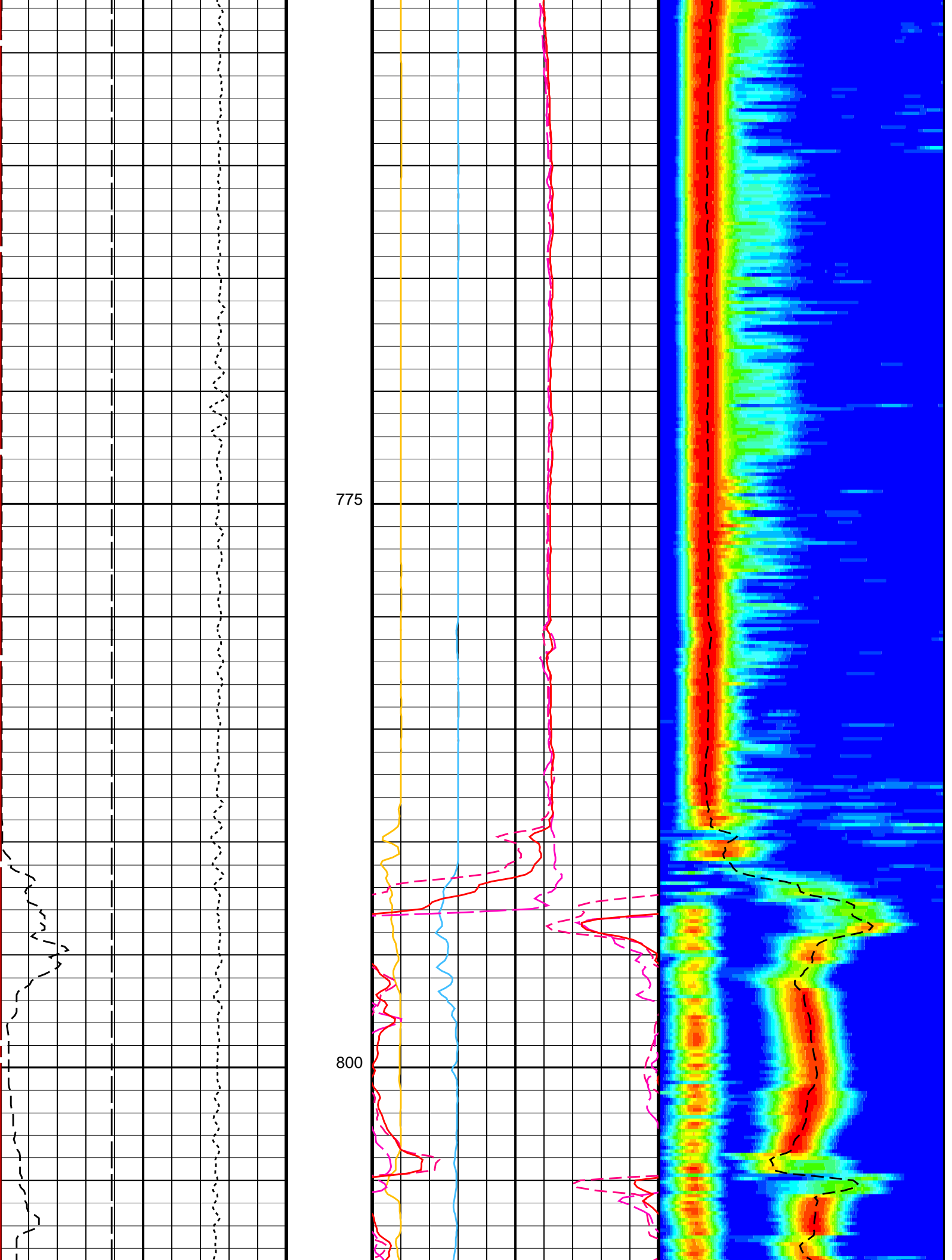
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MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRI T–B	19C0–187	HI DS	19C0–187

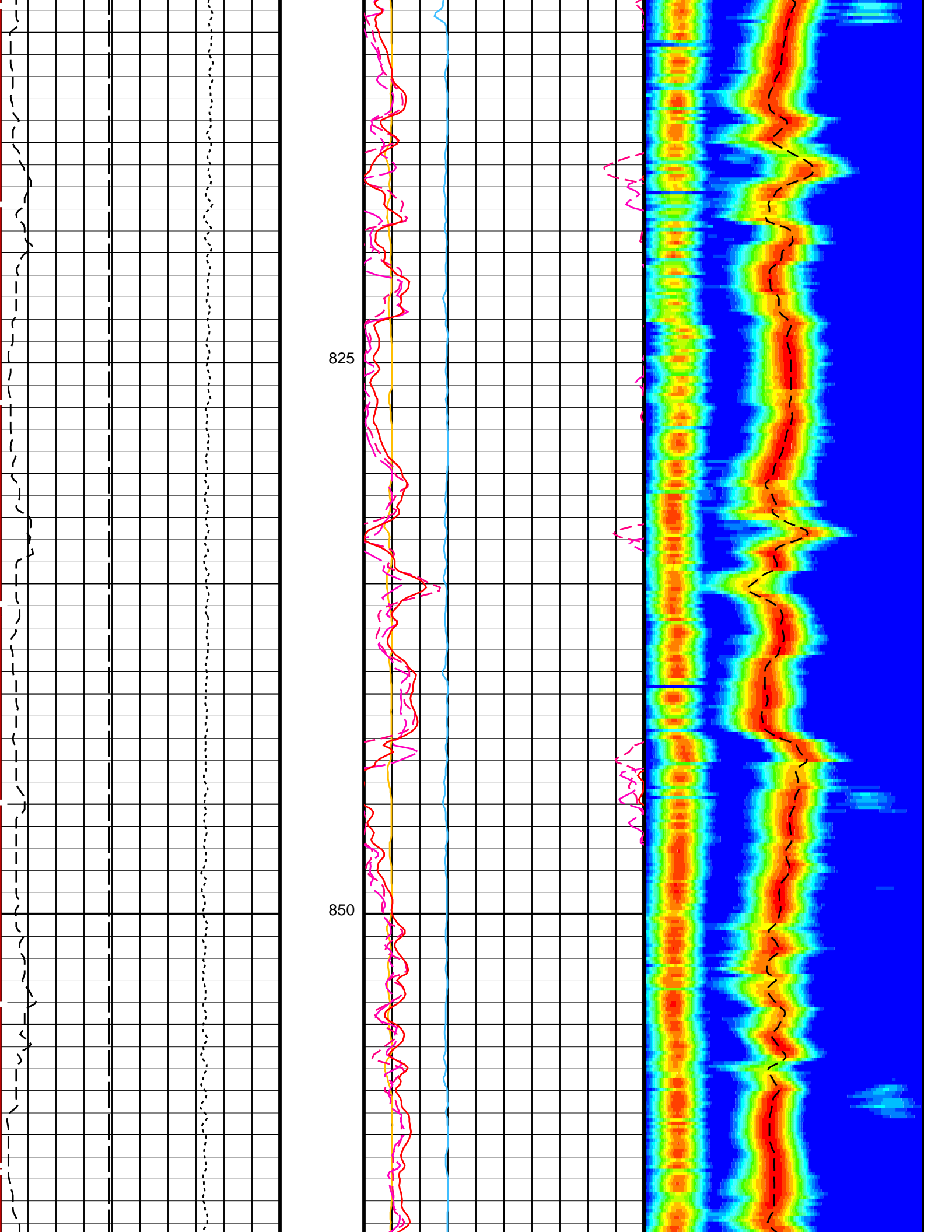
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187
Input DLIS Files			
DEFAULT	Flip_MSS_LDEO_DSI_007LUP	PRODUCER	25-Sep-2023 05:57 1639.1 M 683.5 M
Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER 25-Sep-2023 08:25

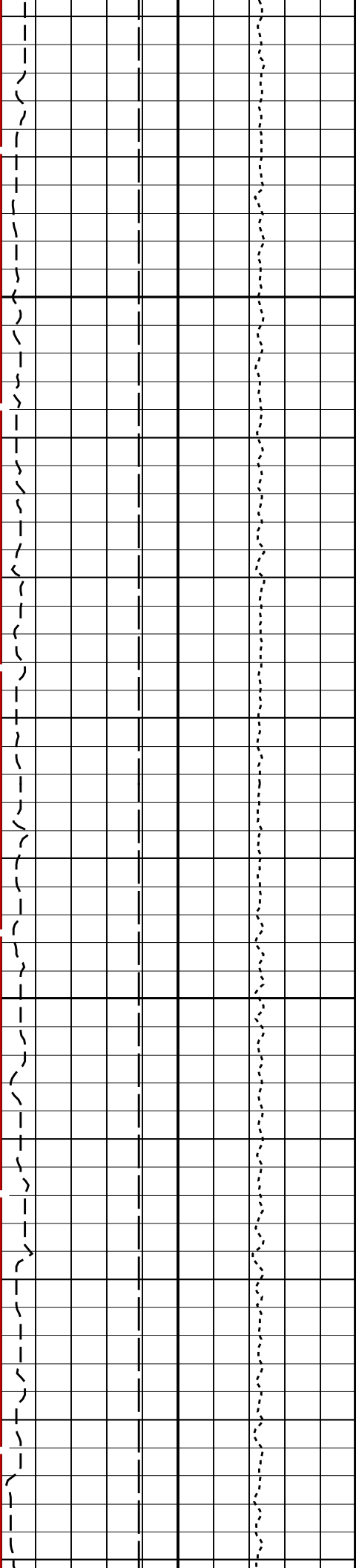
Company: International Ocean Discovery Program				Well: Expedition 400, Site U1607A		
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HRLT-B	19C0-187		HLDS	19C0-187		
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HNGS-BA	19C0-187		EDTC-B	19C0-187		





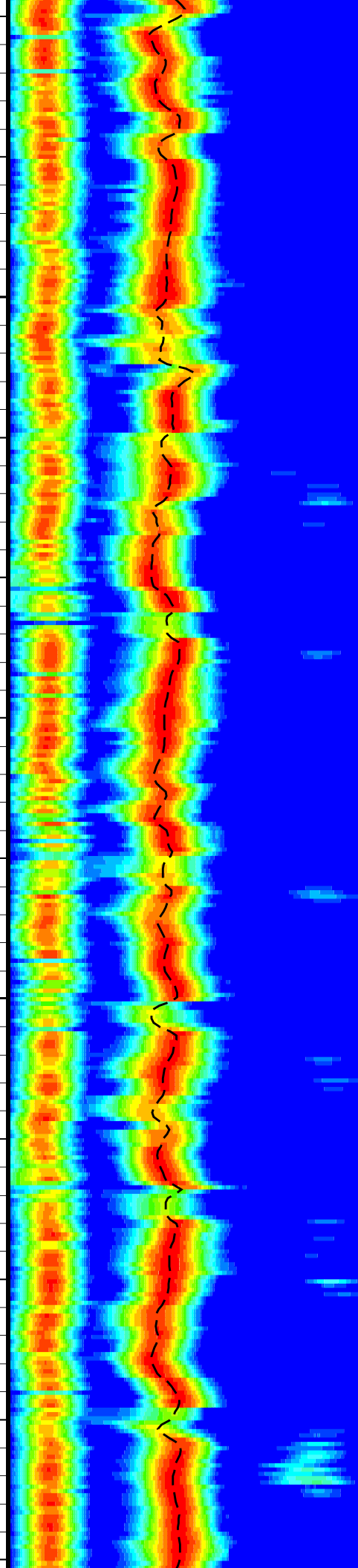
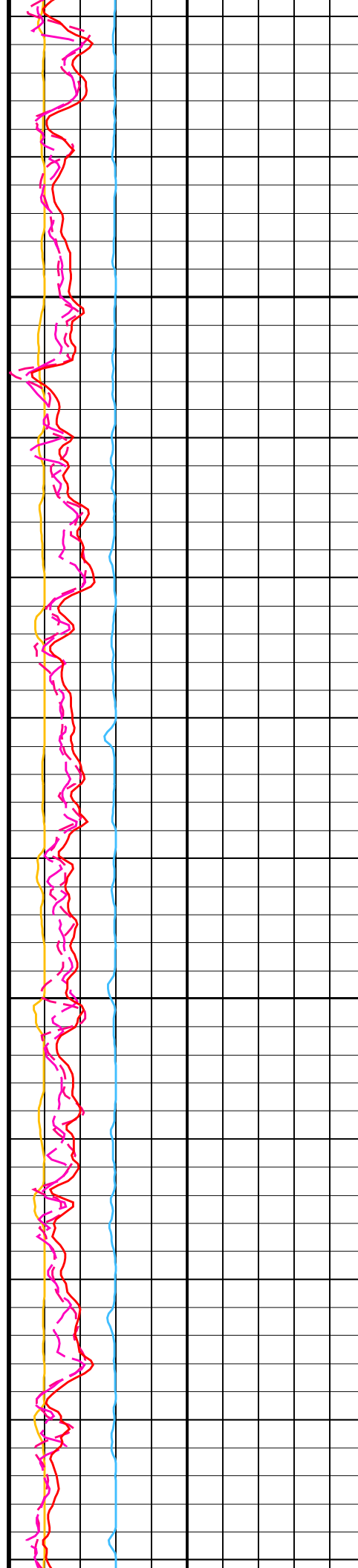


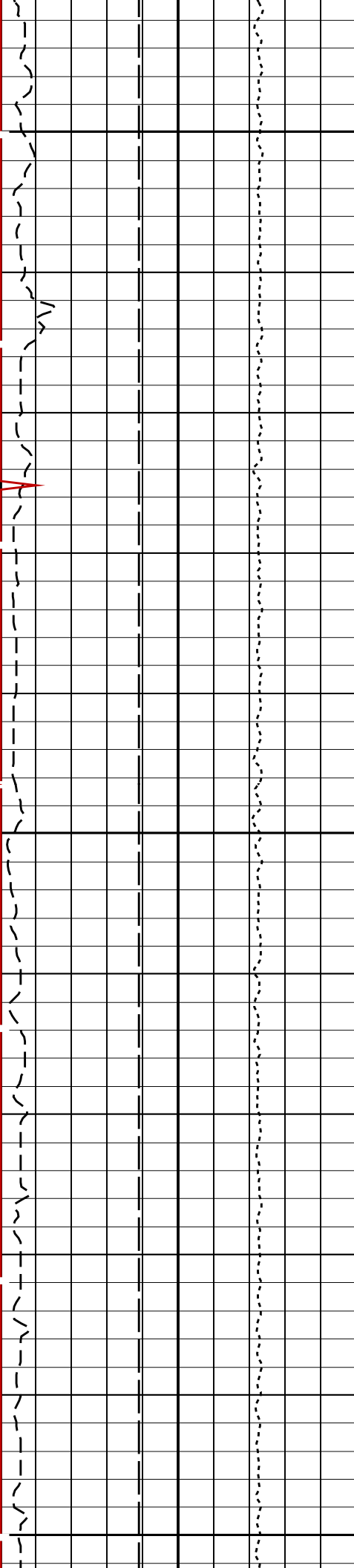




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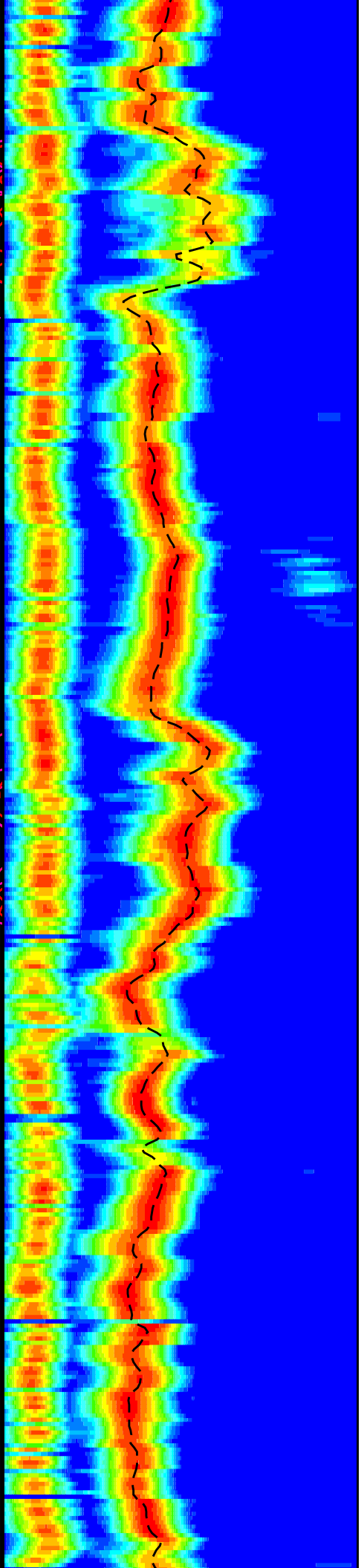
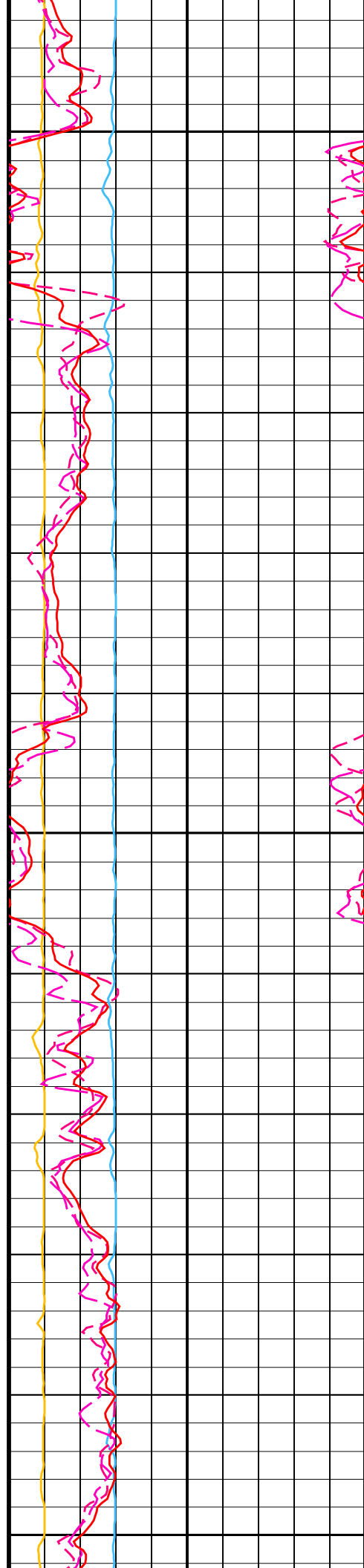


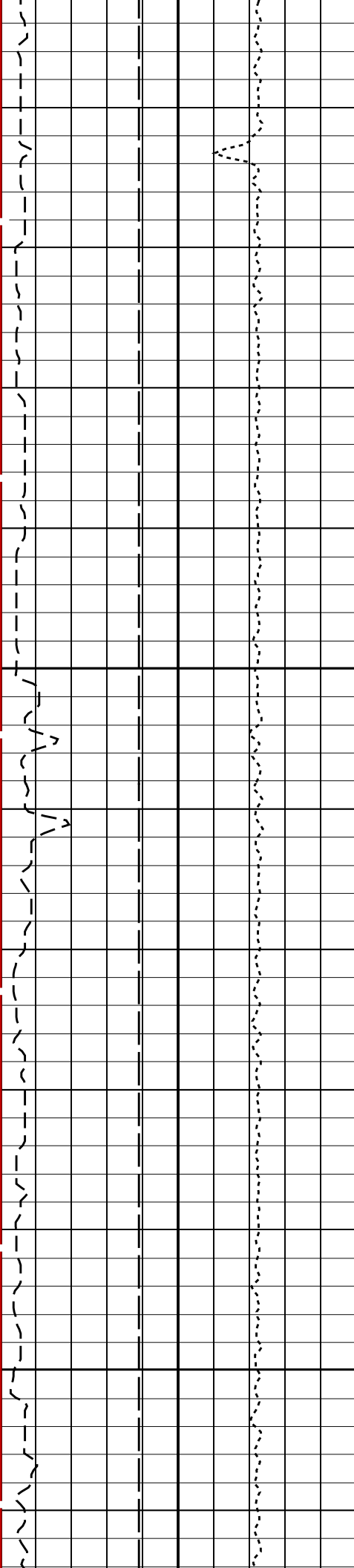


925

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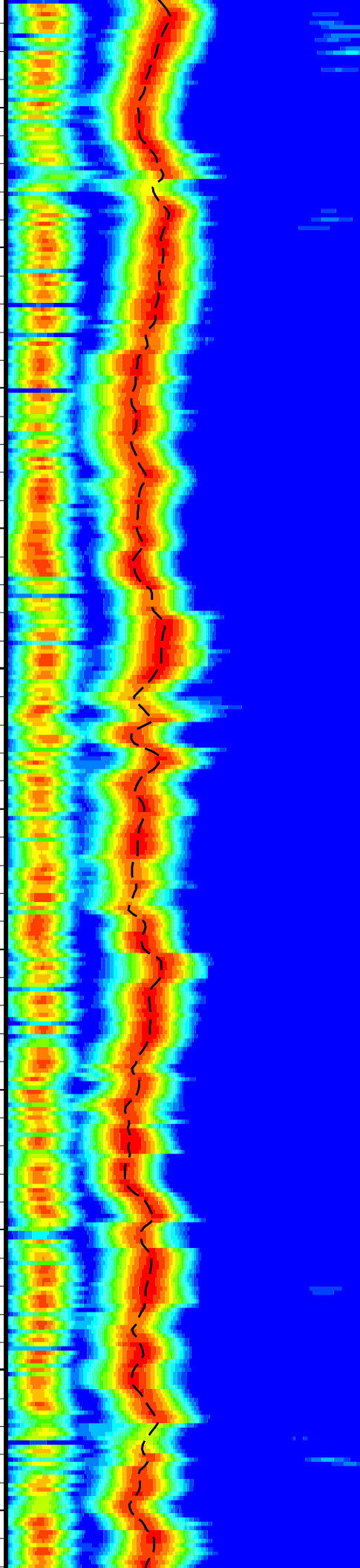
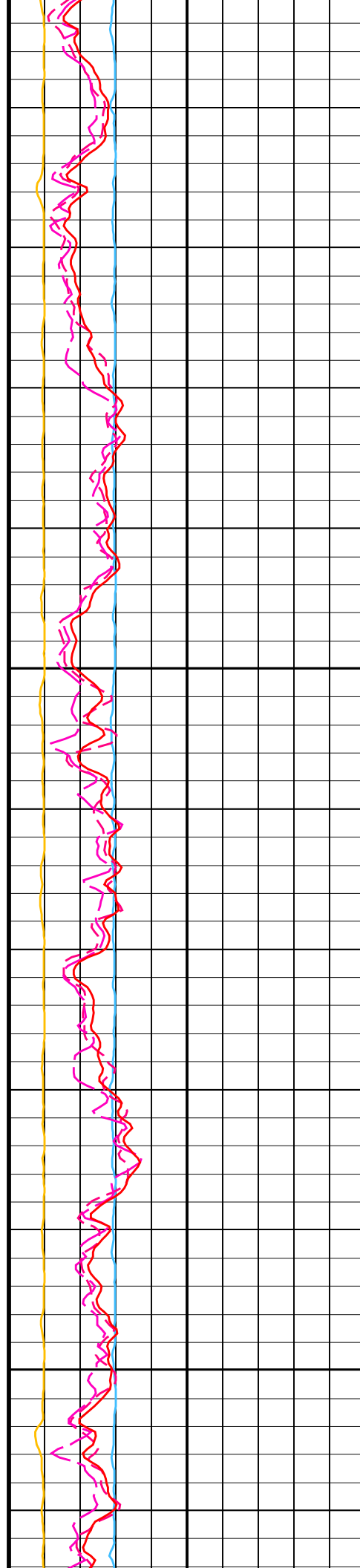
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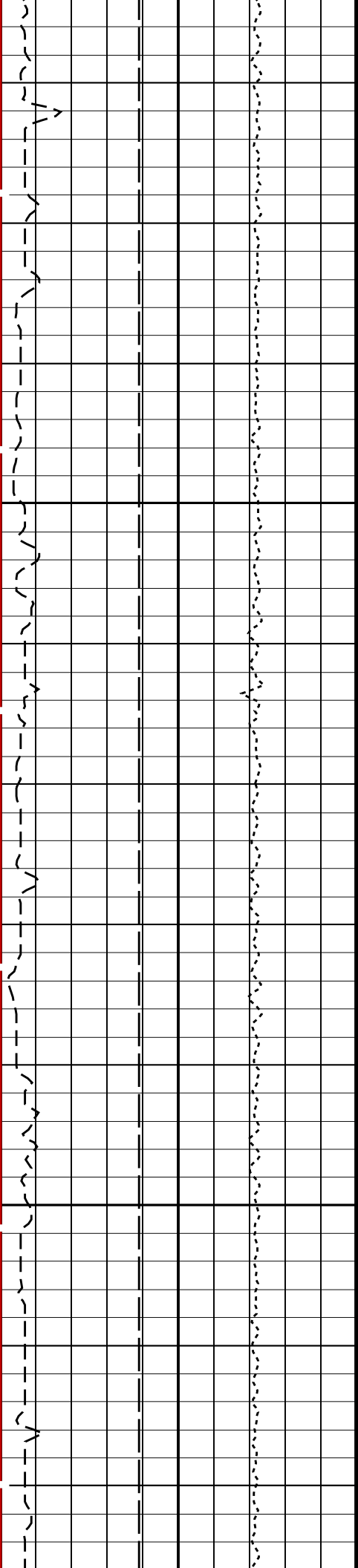




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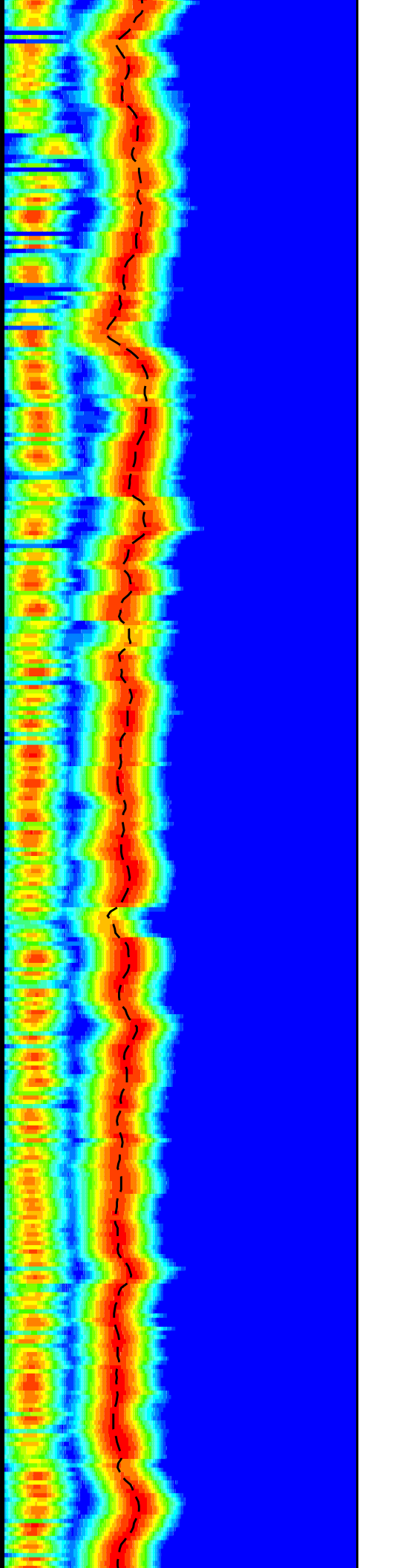
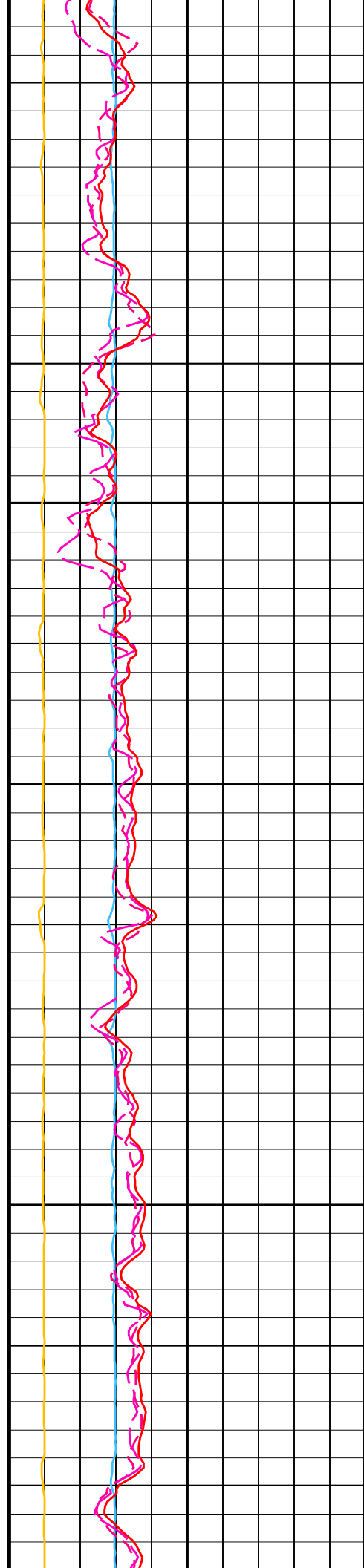
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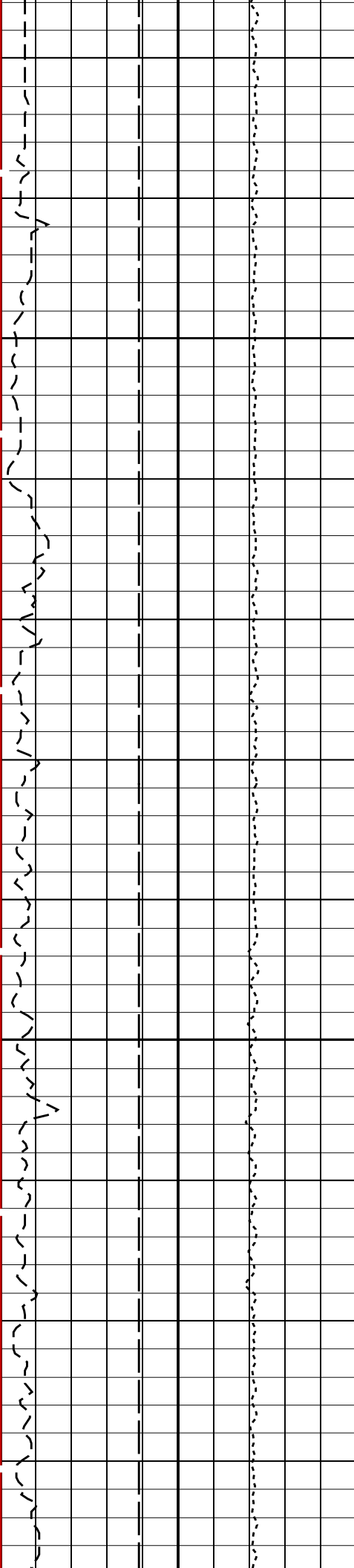




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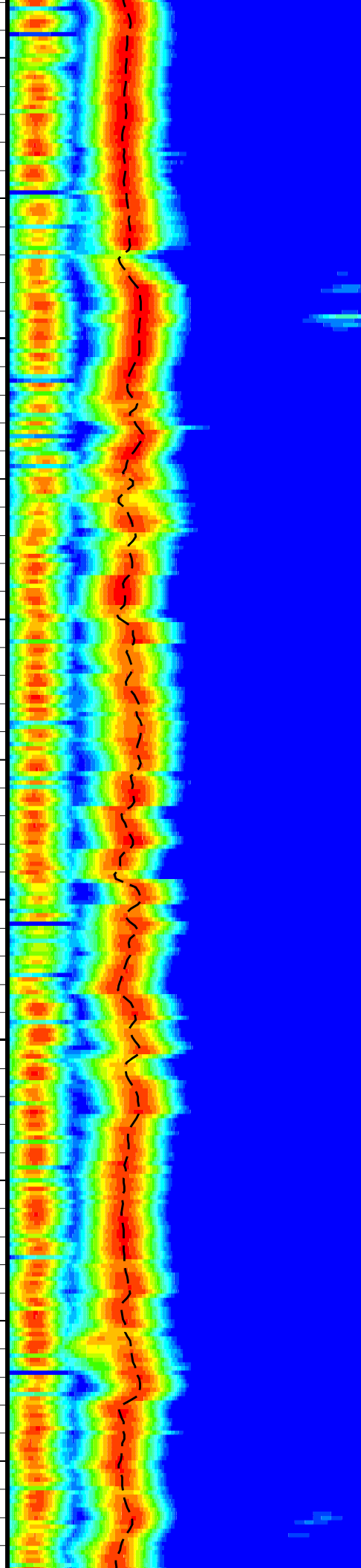
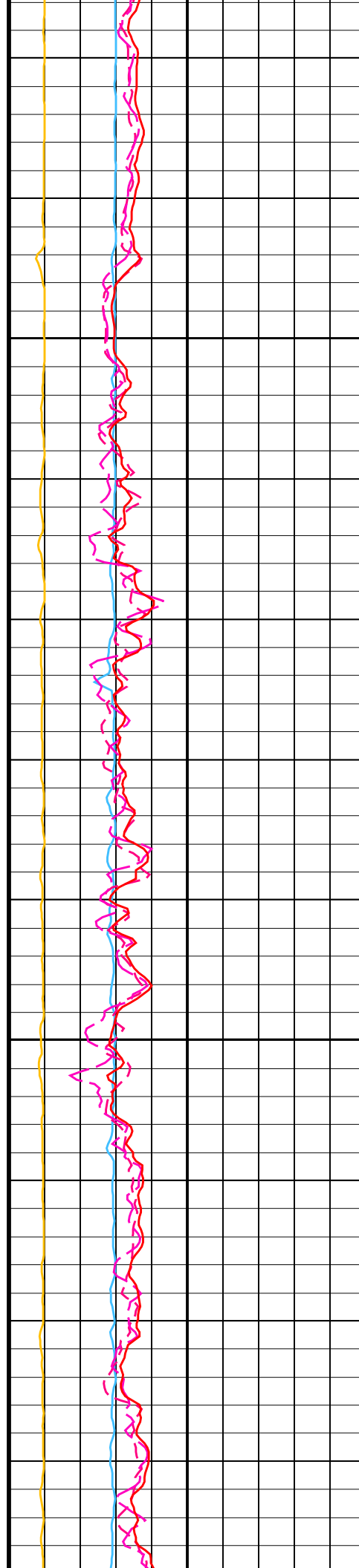
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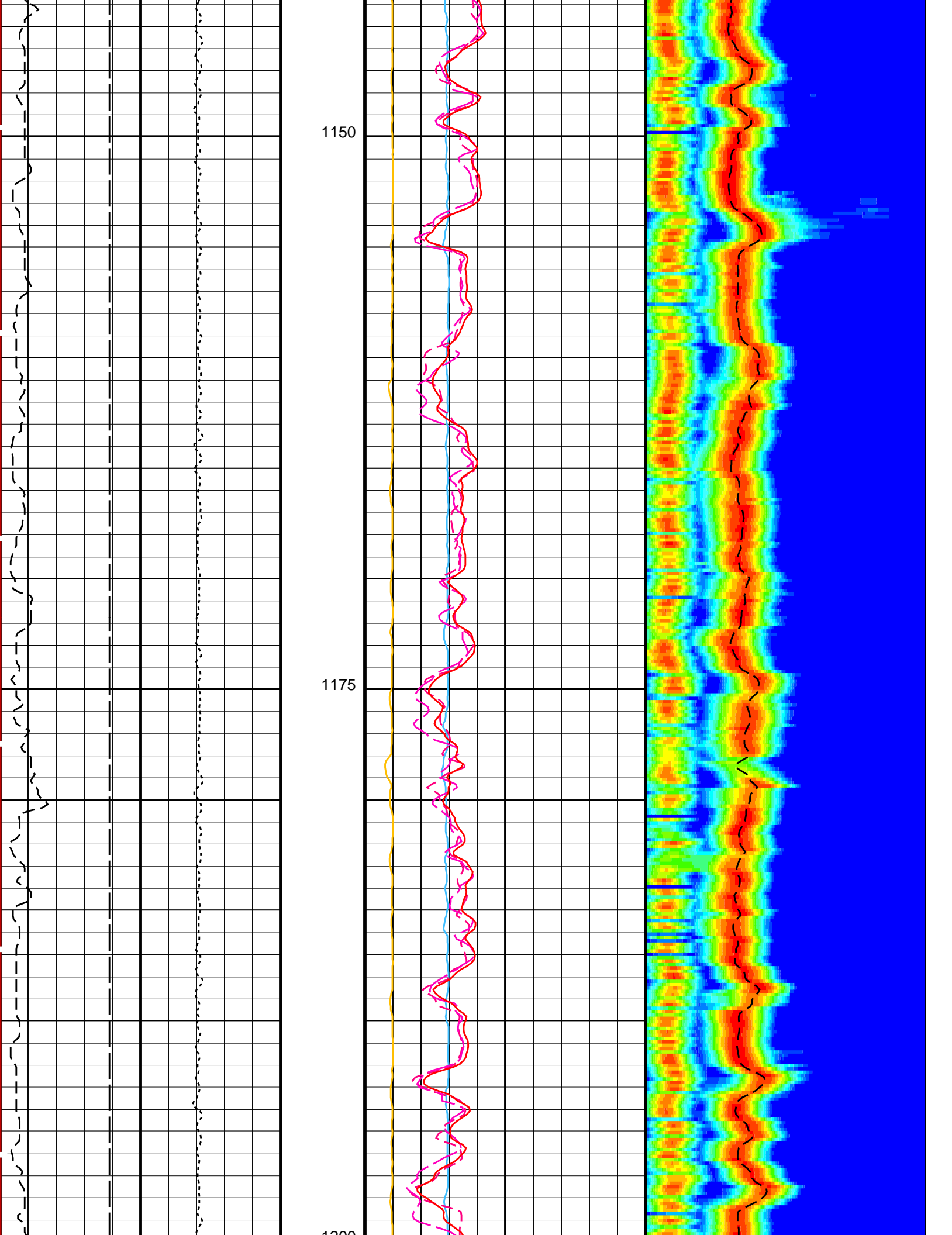


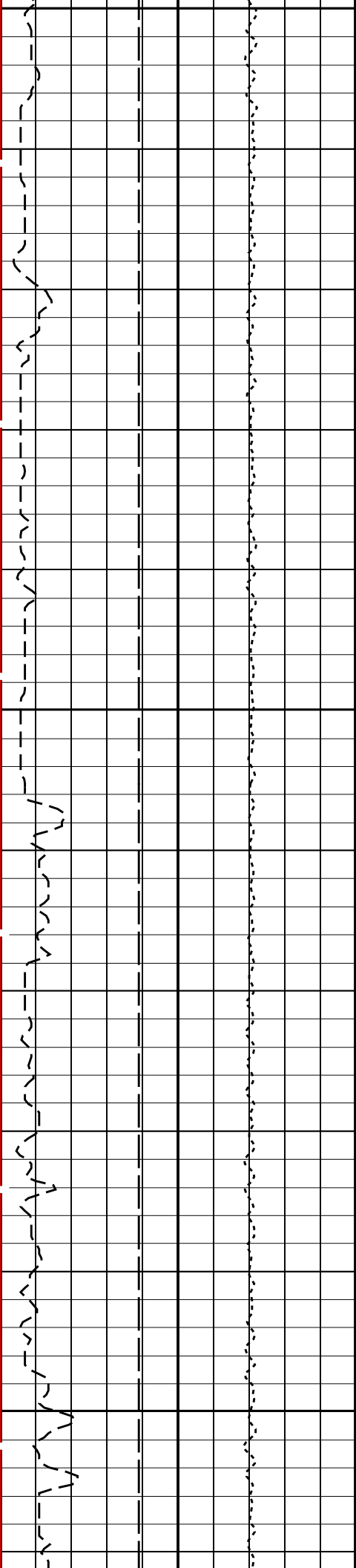


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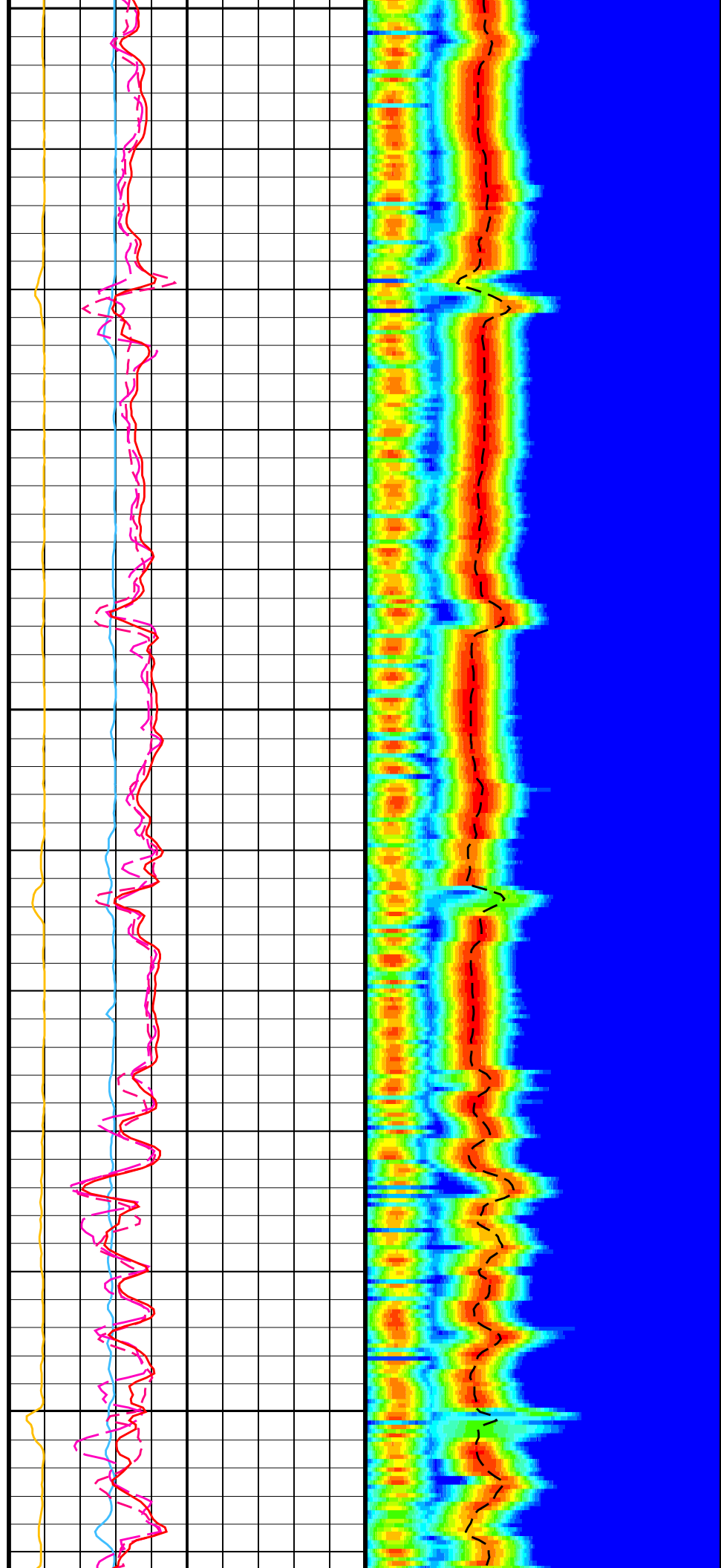


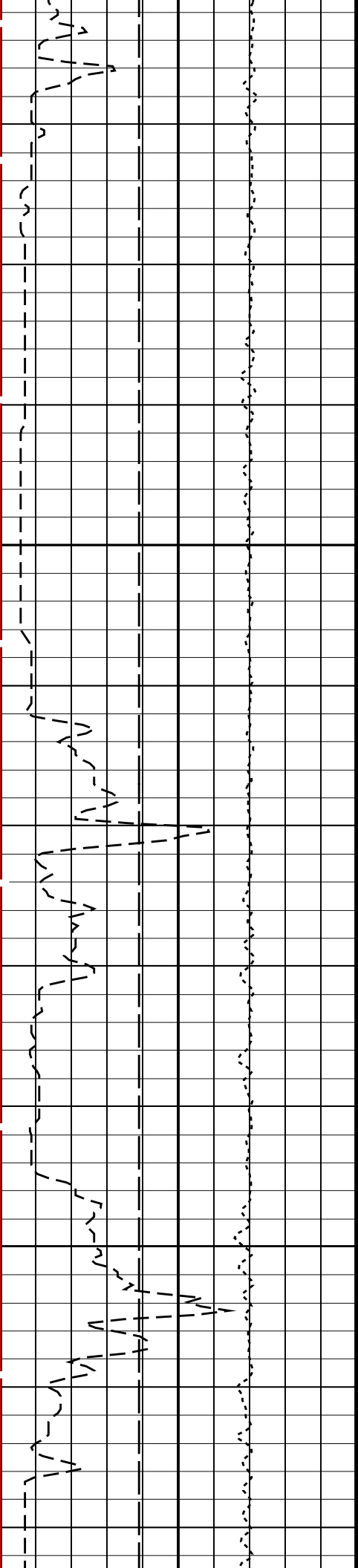


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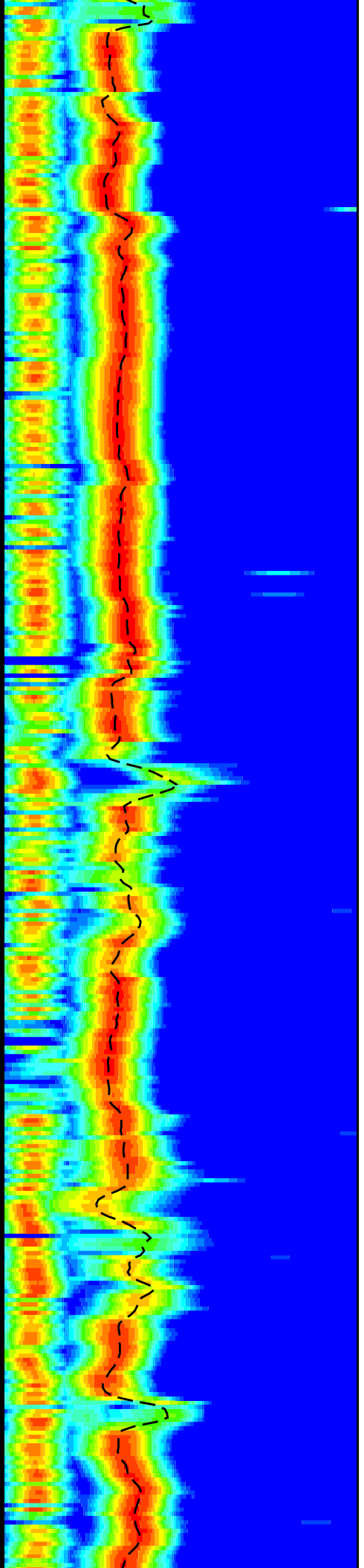
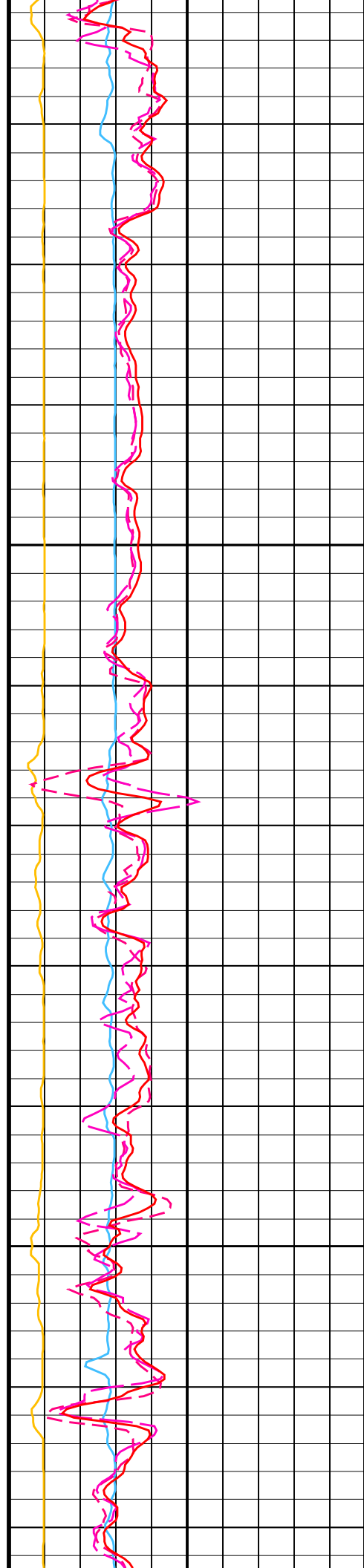
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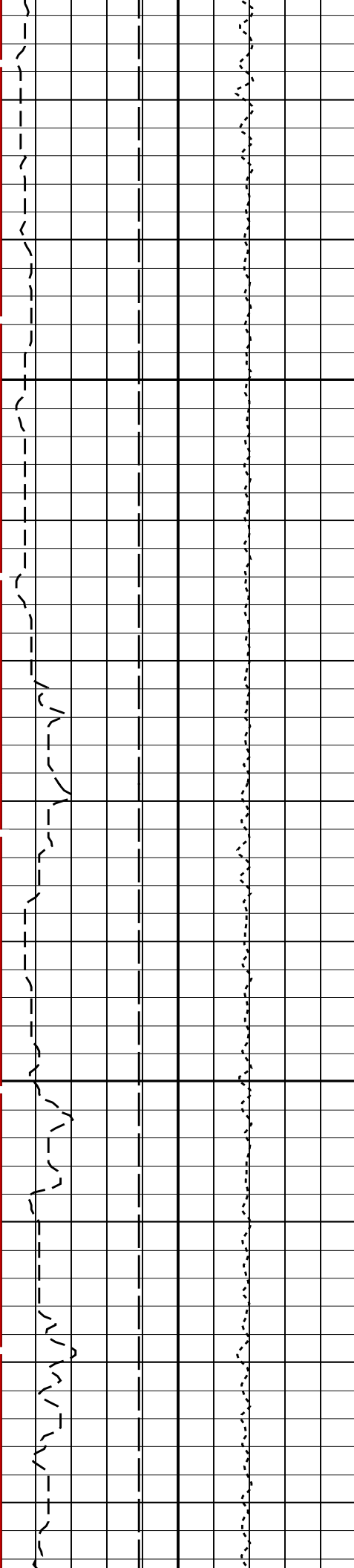




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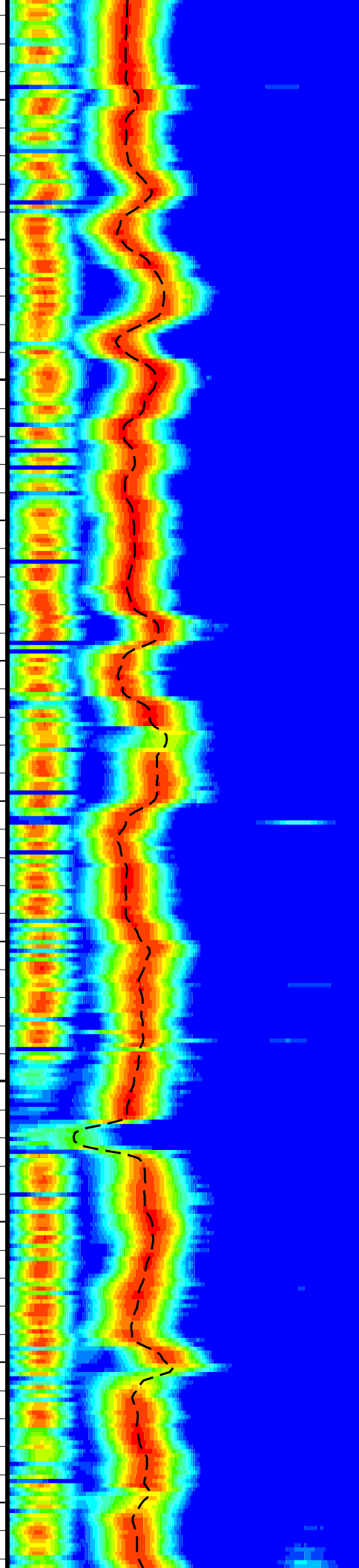
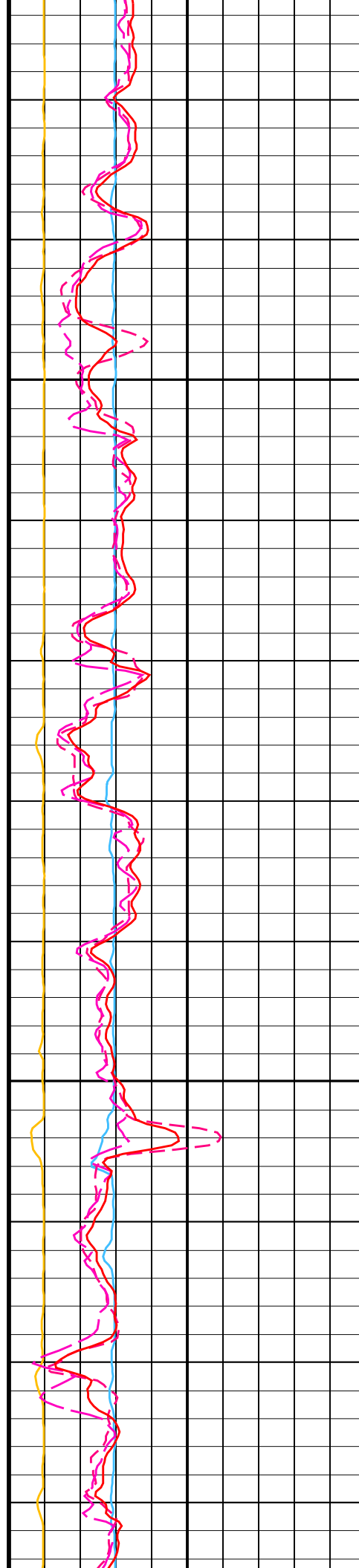
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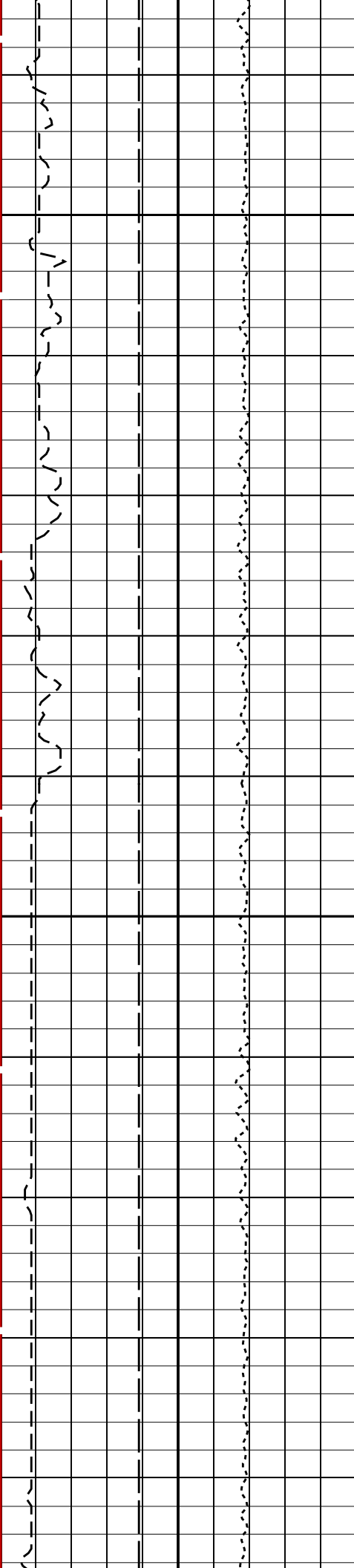




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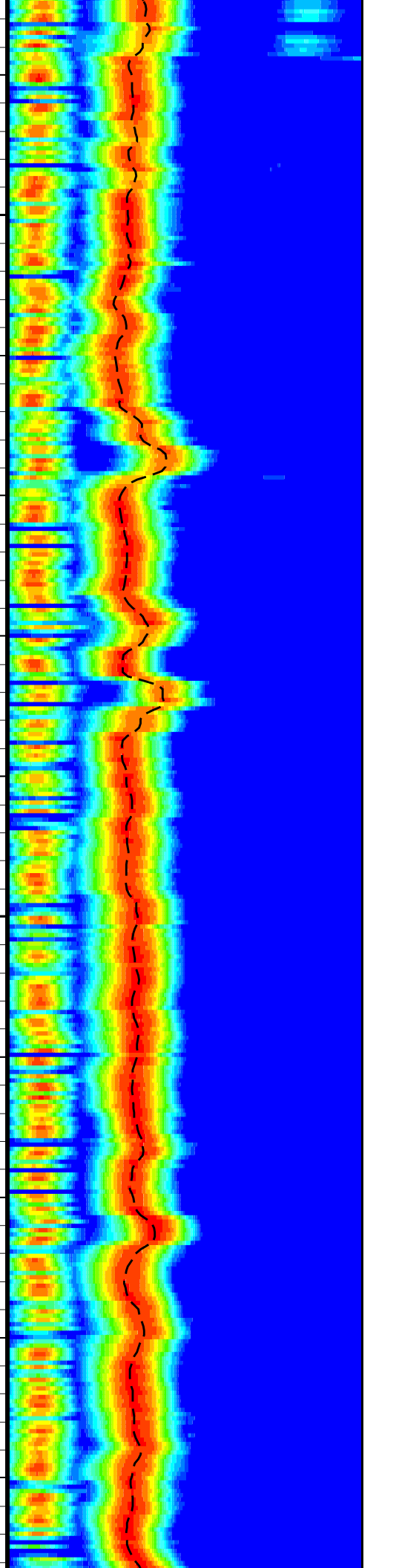
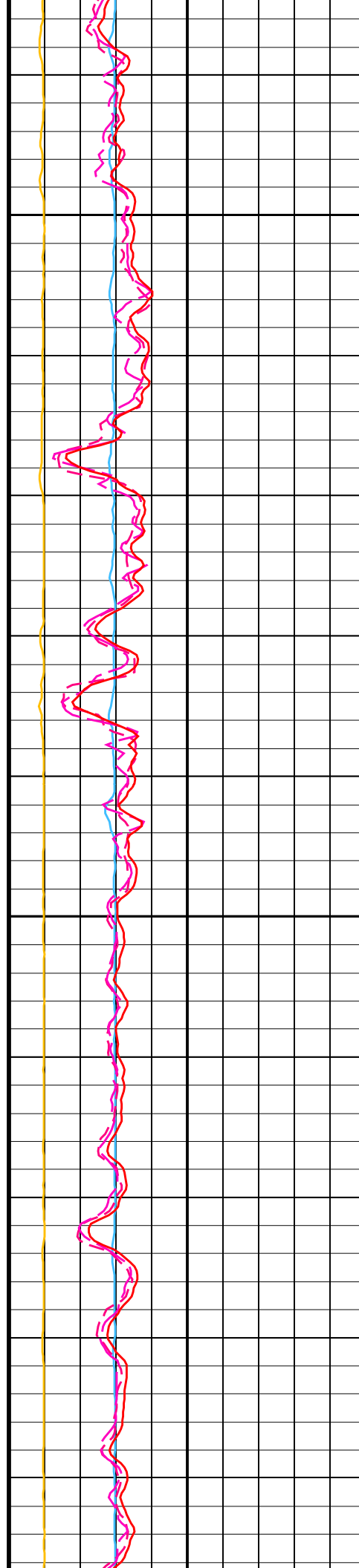
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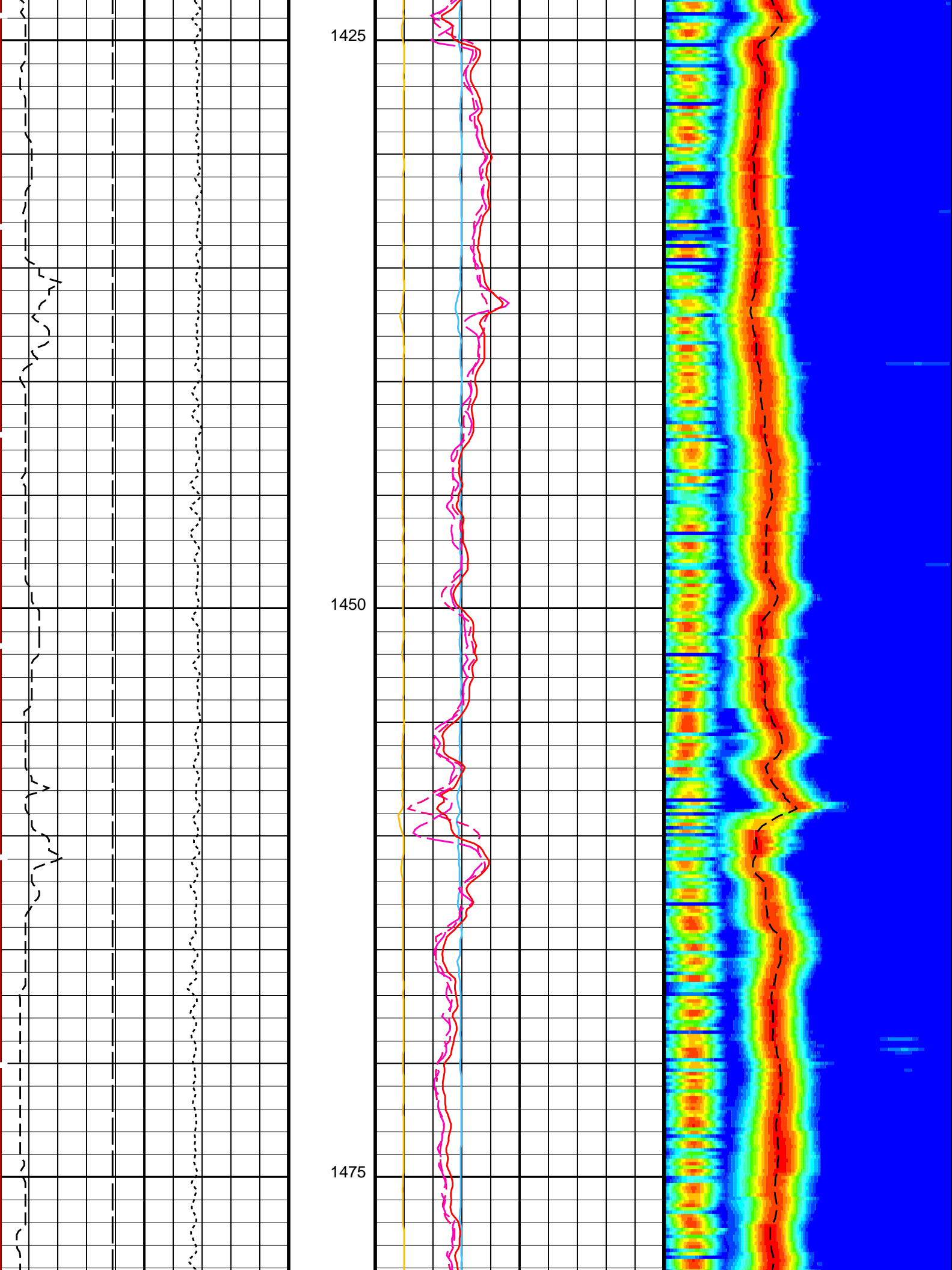


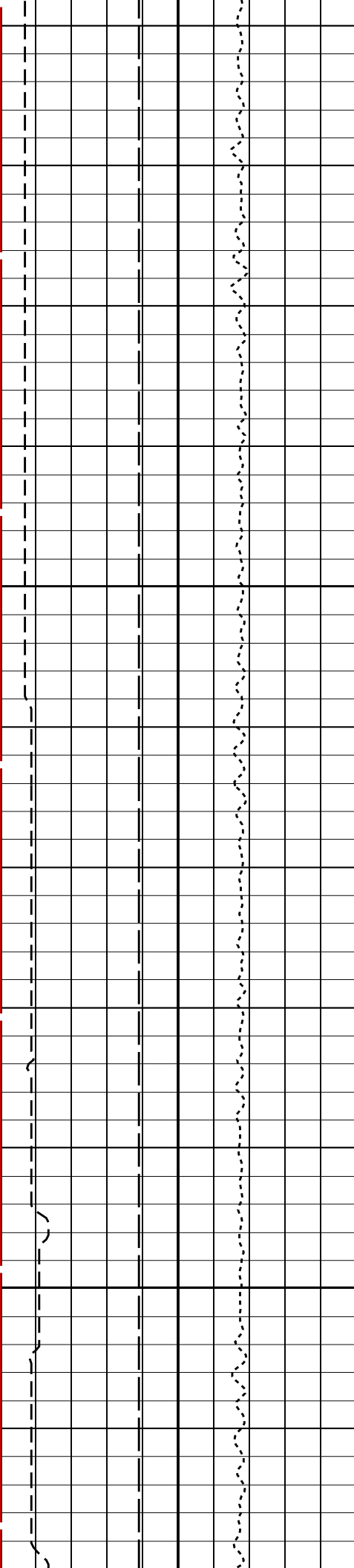


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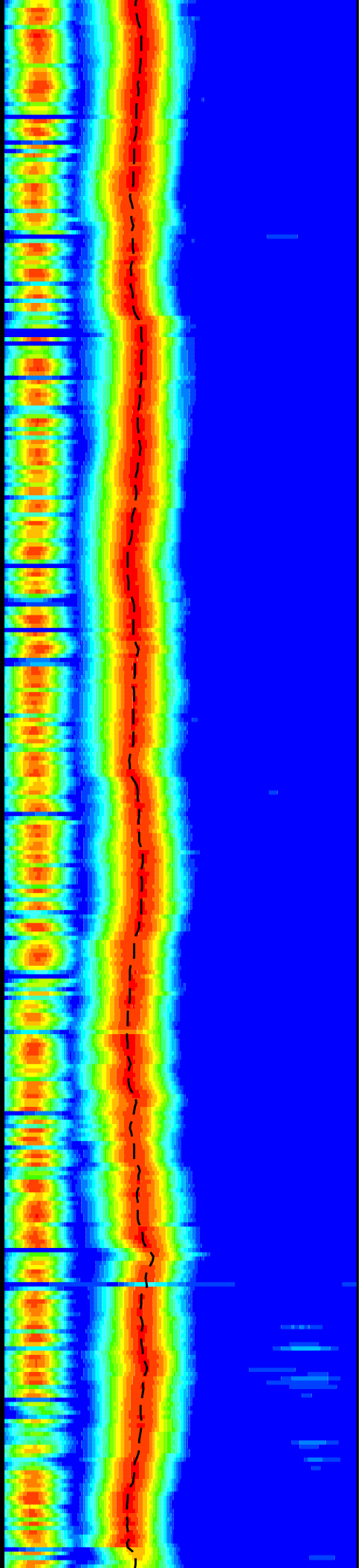
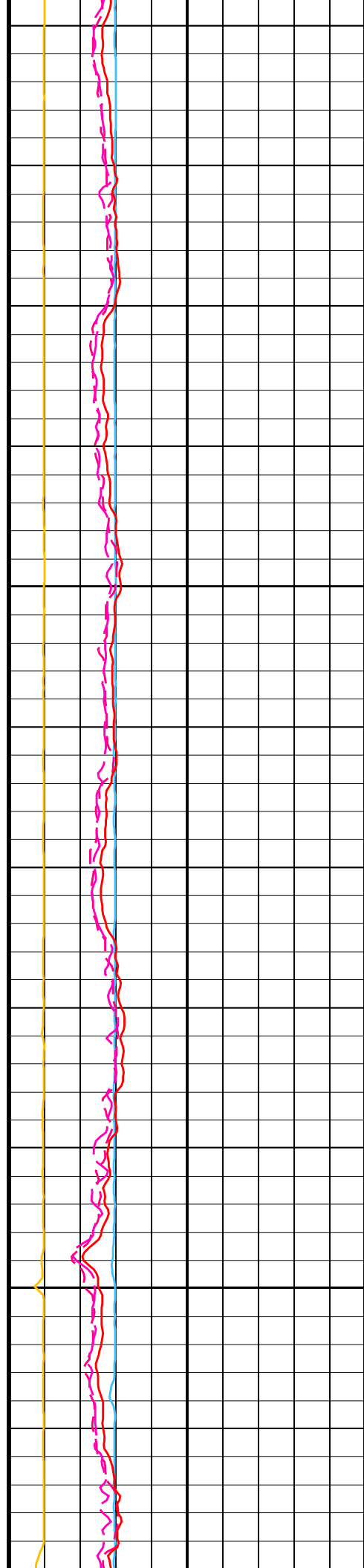


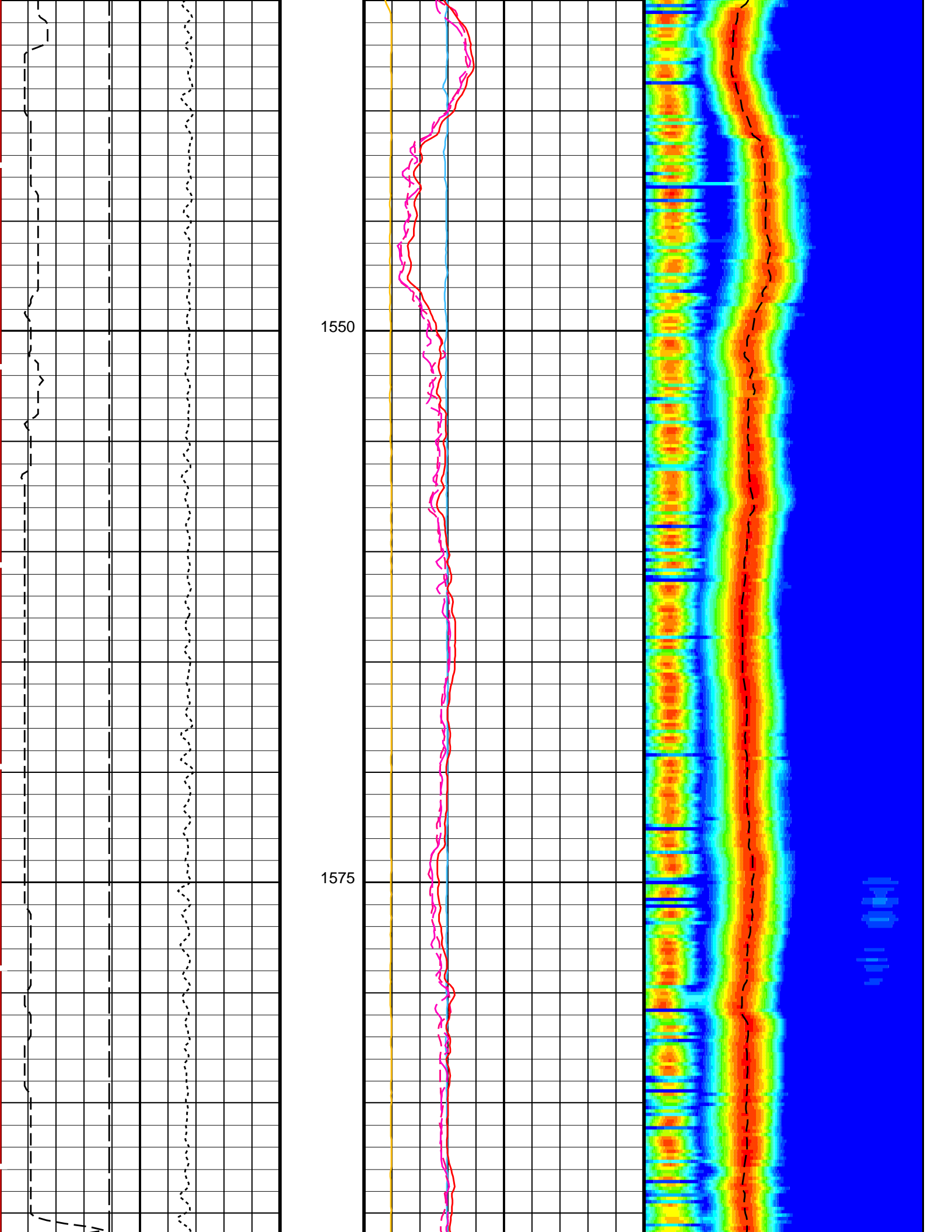


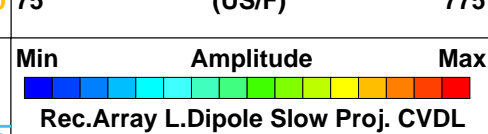
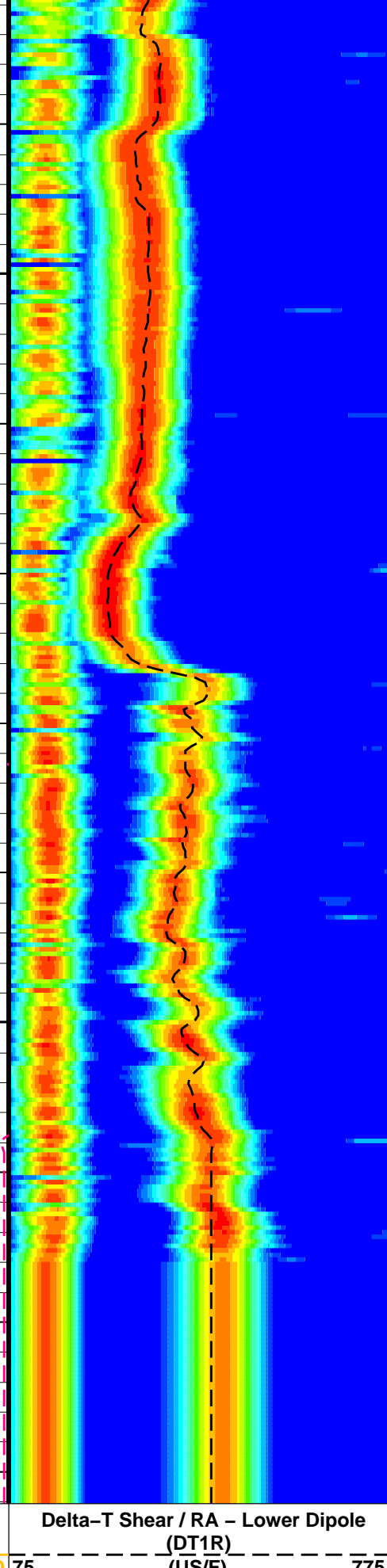
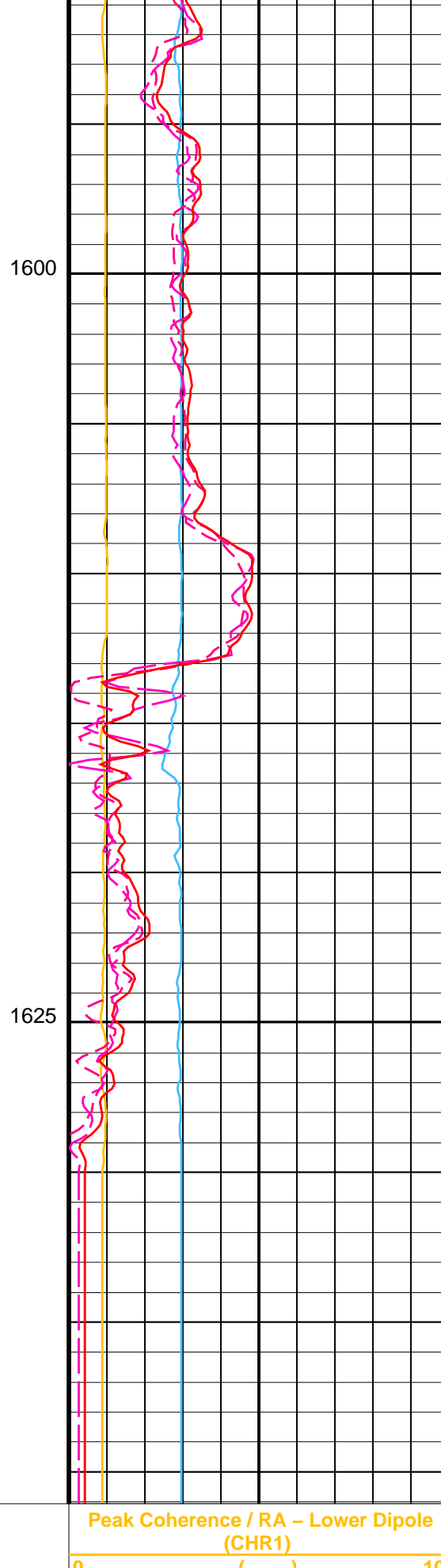
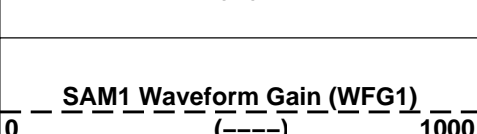
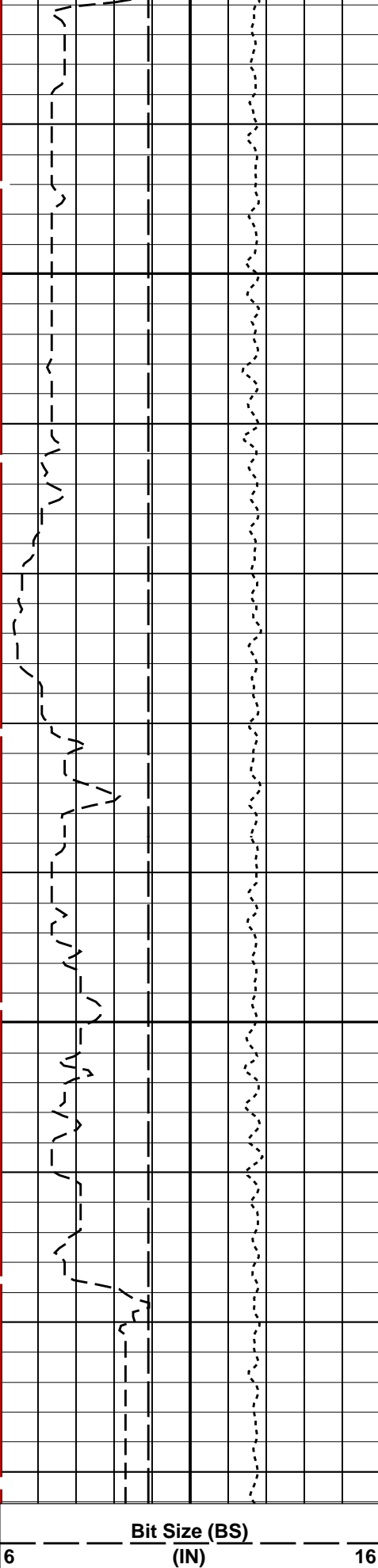


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1525







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Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER	25-Sep-2023 08:25	

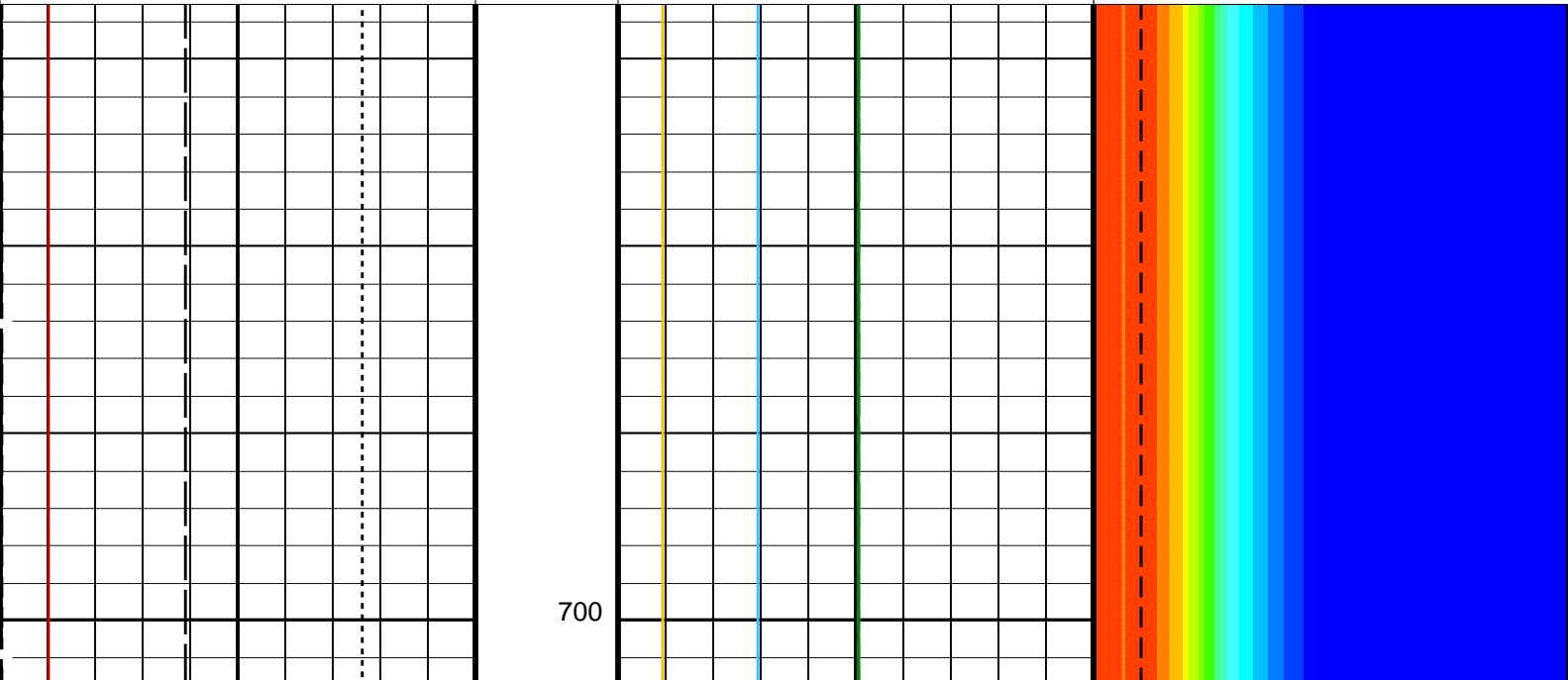
Company: International Ocean Discovery Program	Well: Expedition 400, Site U1607A
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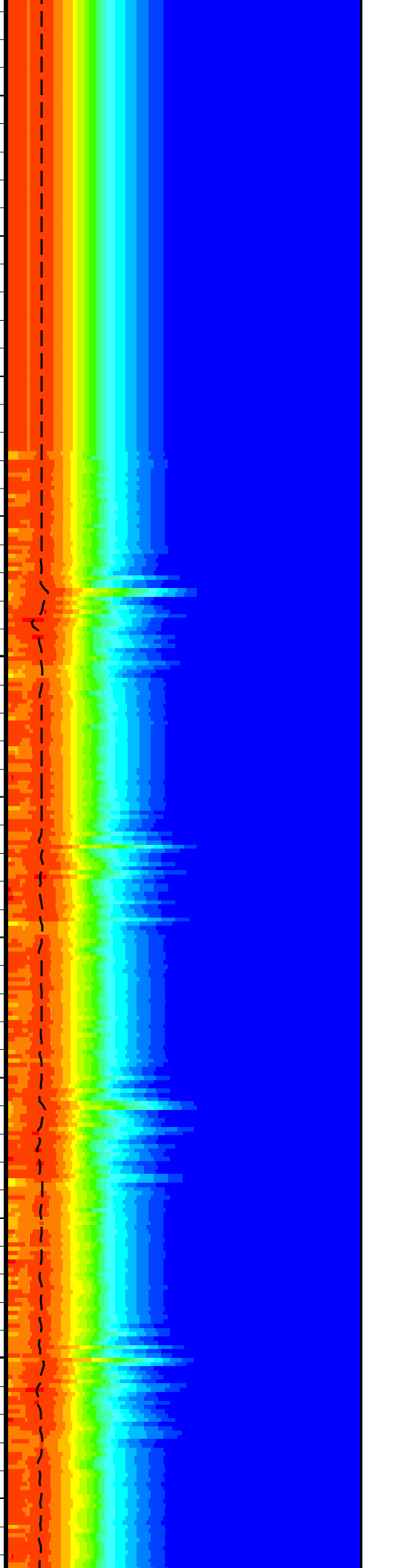
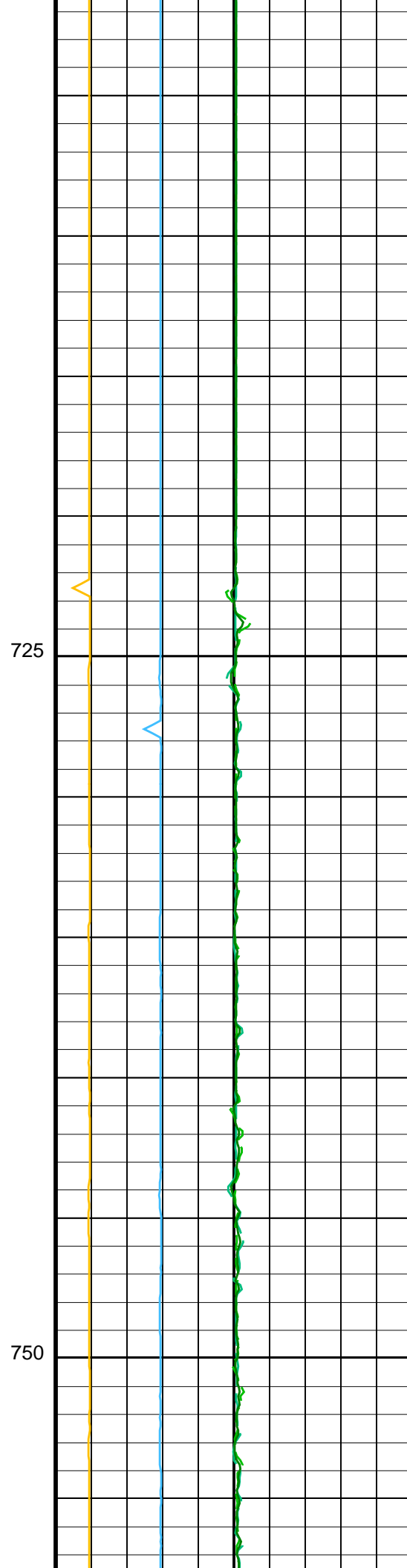
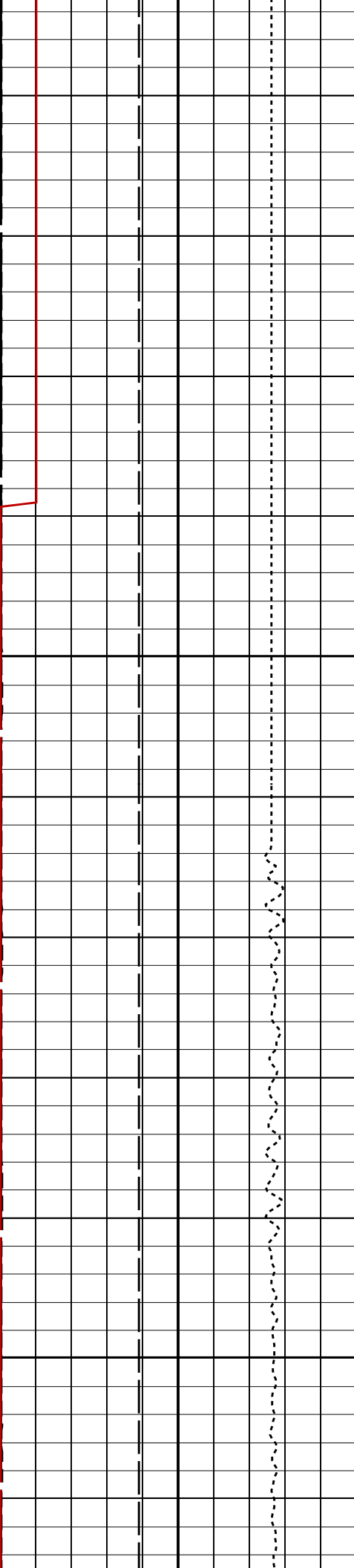
Input DLIS Files					
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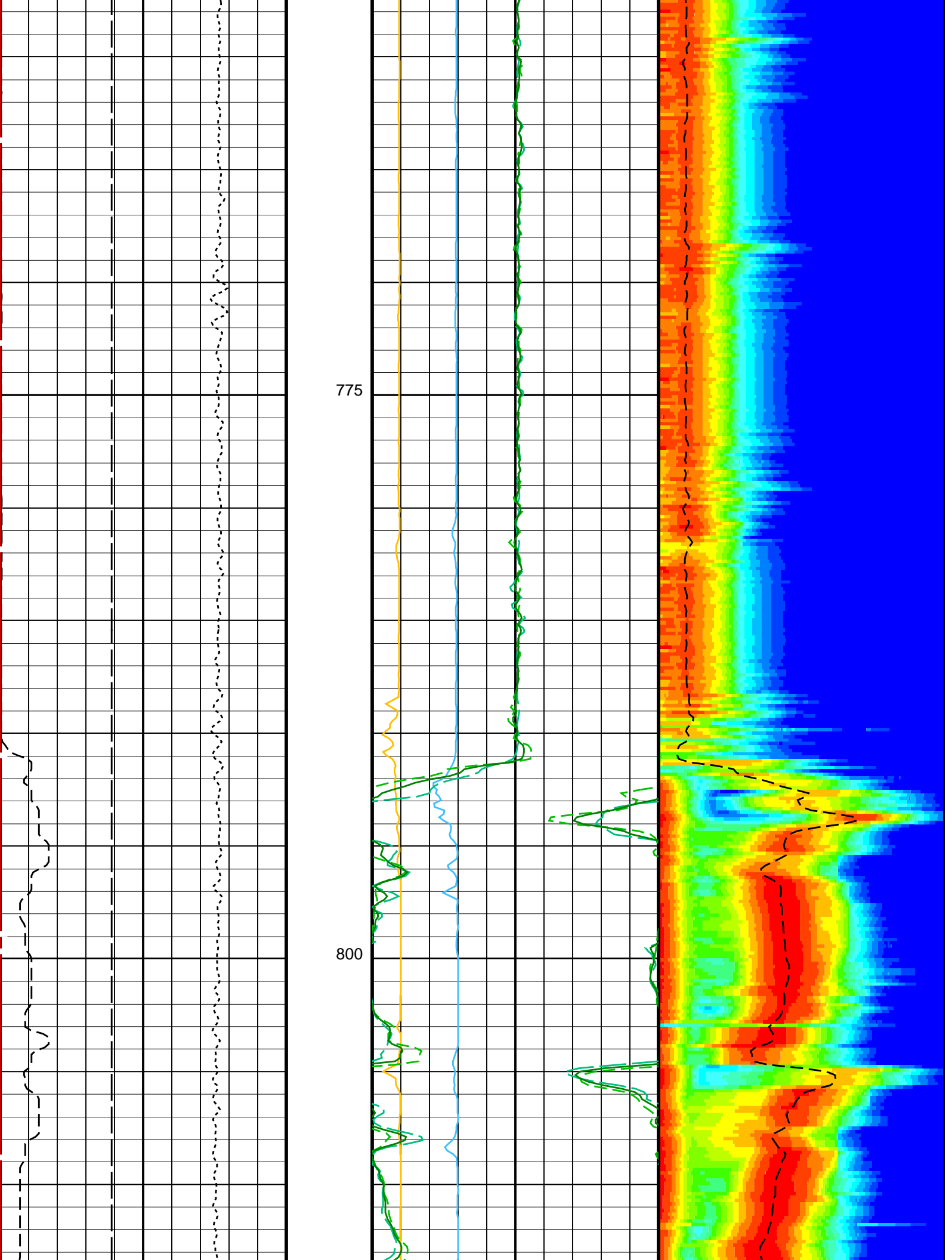
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MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
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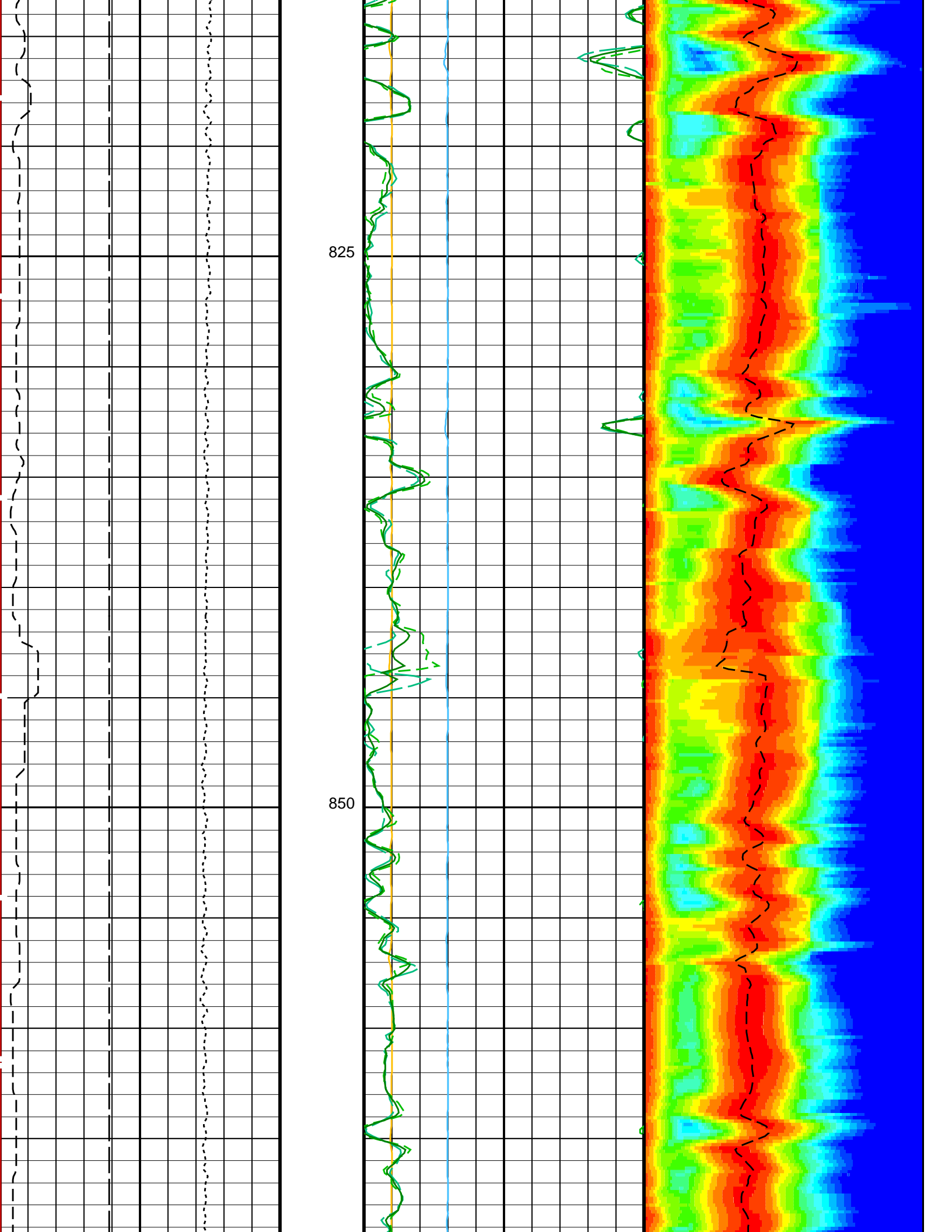
PIP SUMMARY	
<input type="checkbox"/> Time Mark Every 60 S	

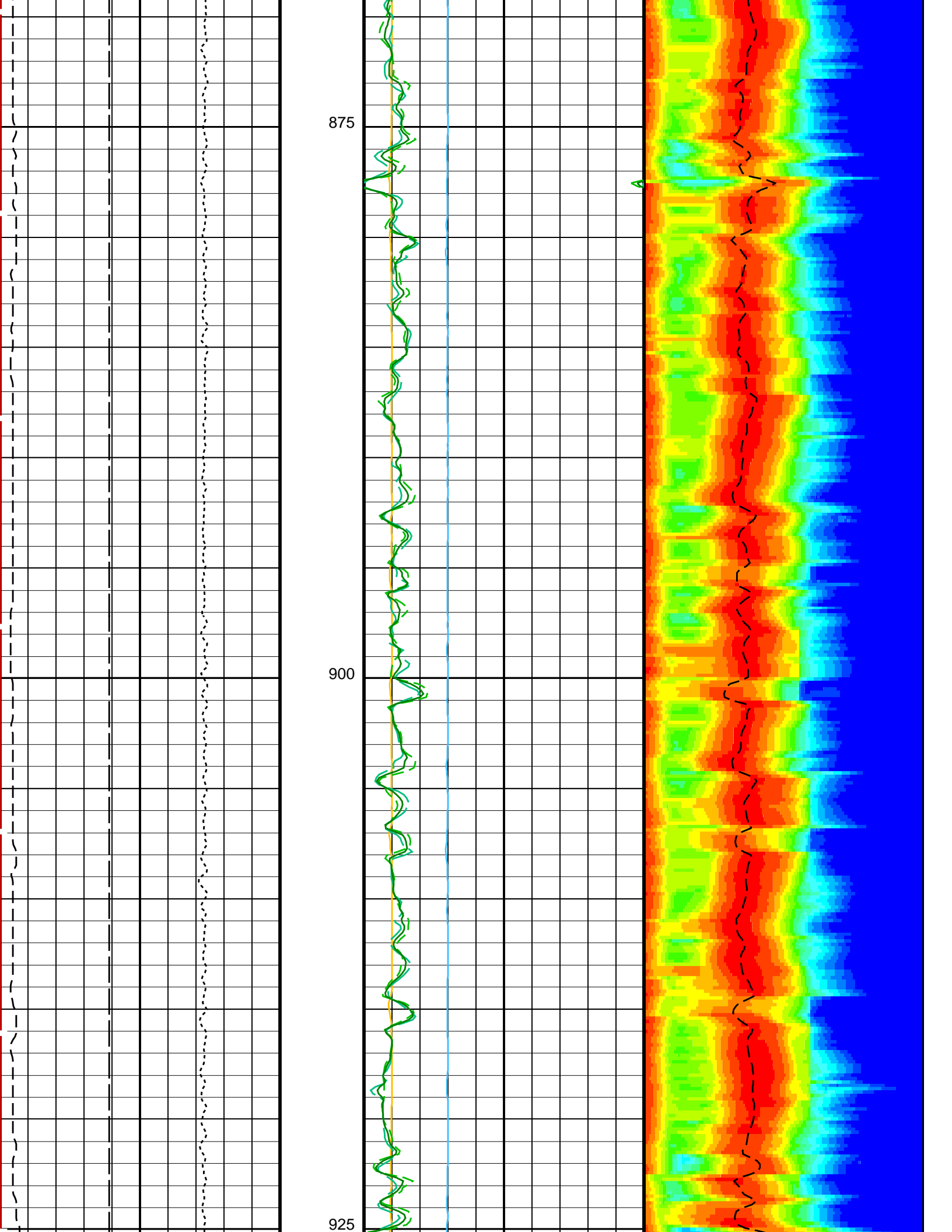
<div>Waveform Data Copy Indicator 3 – Monopole Stoneley (WCI3)</div> <div>0 (----) 10</div> <div>Tension (TENS)</div> <div>10000 (LBF) 0</div> <div>SAM3 Waveform Gain (WFG3)</div> <div>0 (----) 1000</div> <div>Bit Size (BS)</div> <div>6 (IN) 16</div>	<div>Delta-T Stoneley (DTST)</div> <div>440 (US/F) 40</div>	<div>MinAmplitudeMax</div> <div>Rec.Array Stoneley Slow Proj. CVDL (SPR3) (US/F)</div> <div>180780</div> <div>Delta-T Stoneley / RA (DT3R) (US/F)</div> <div>180780</div>
	<div>Delta-T Stoneley / TA (DT3T) (US/F)</div> <div>44040</div>	
	<div>Delta-T Stoneley / RA (DT3R) (US/F)</div> <div>44040</div>	
	<div>Peak Coherence / TA – Stoneley (CHT3) (----)</div> <div>-28</div>	
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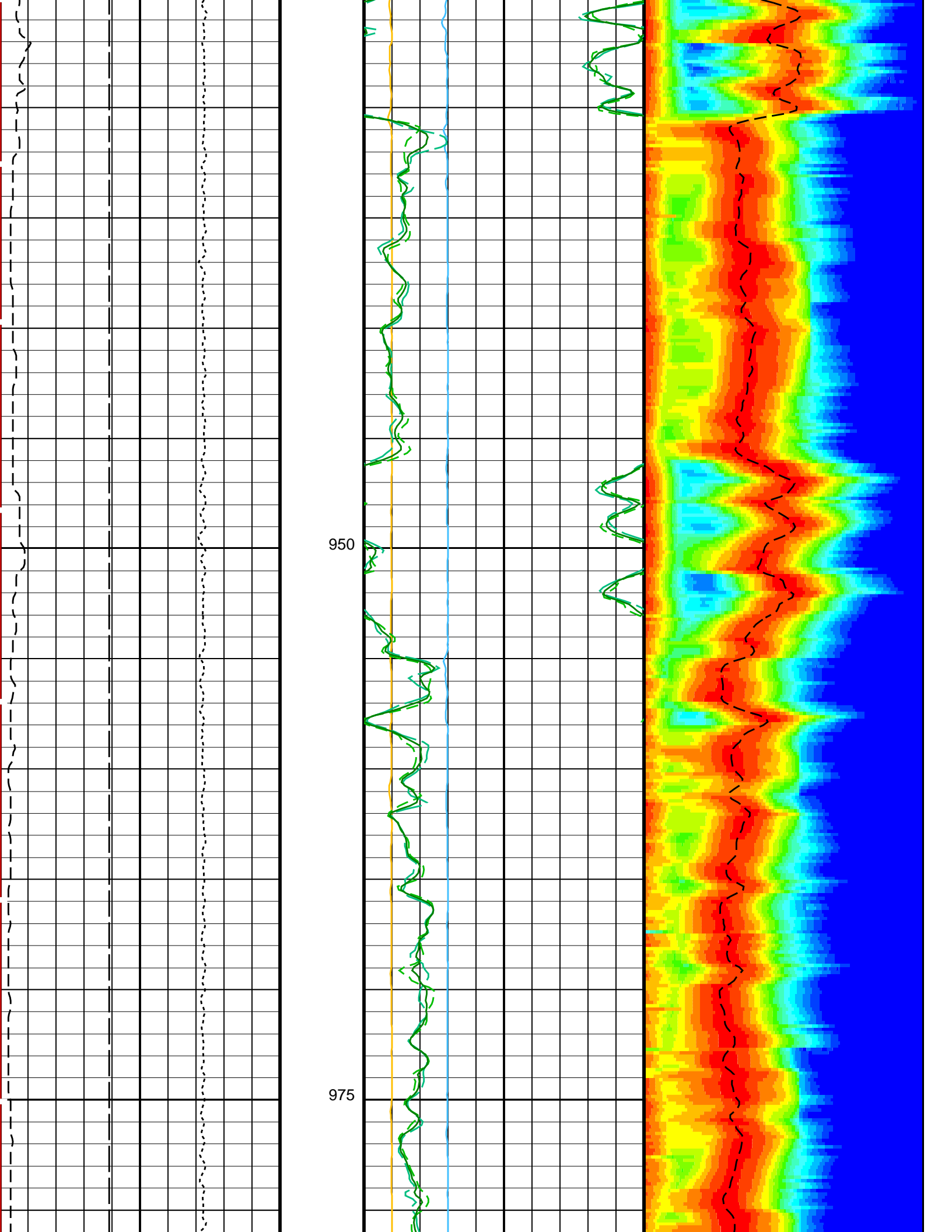


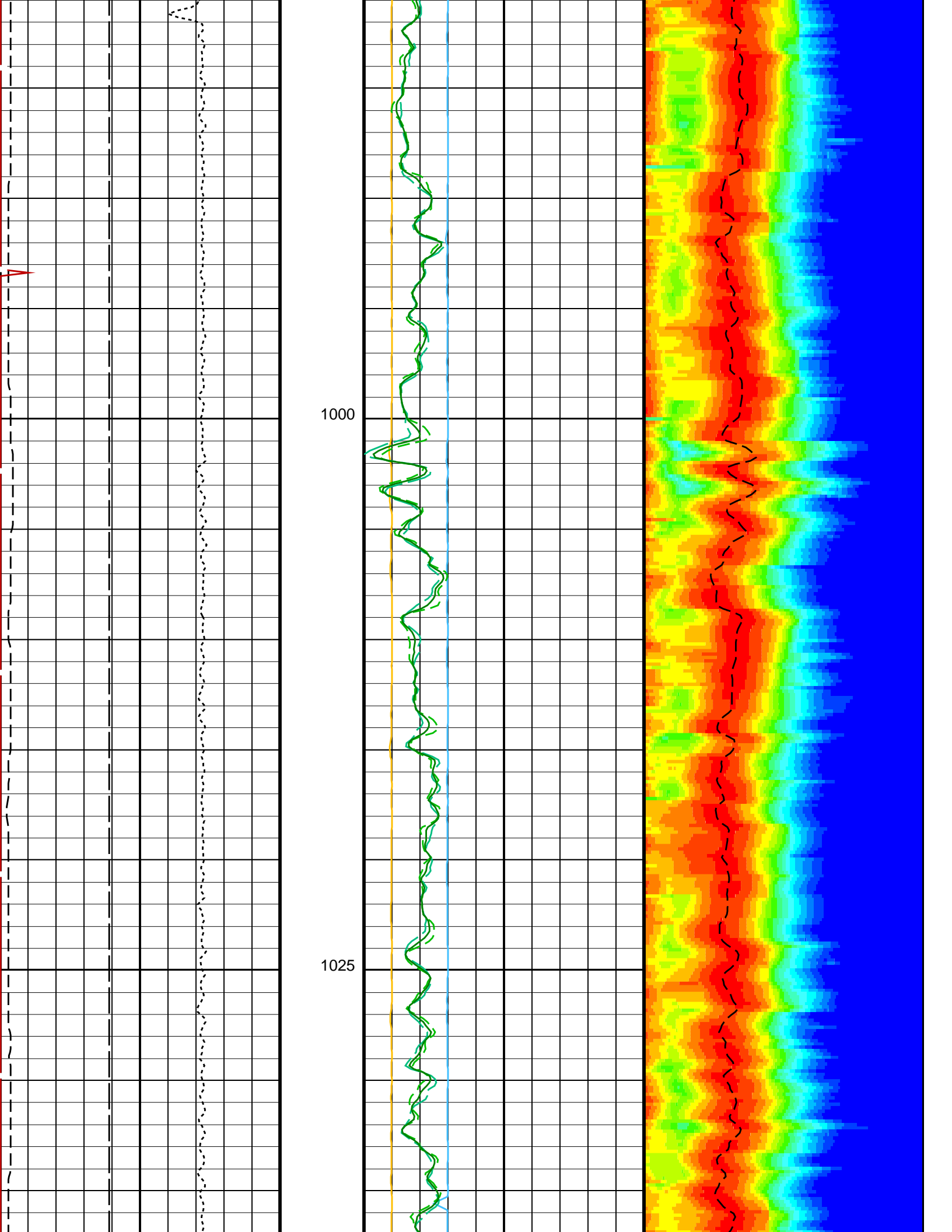


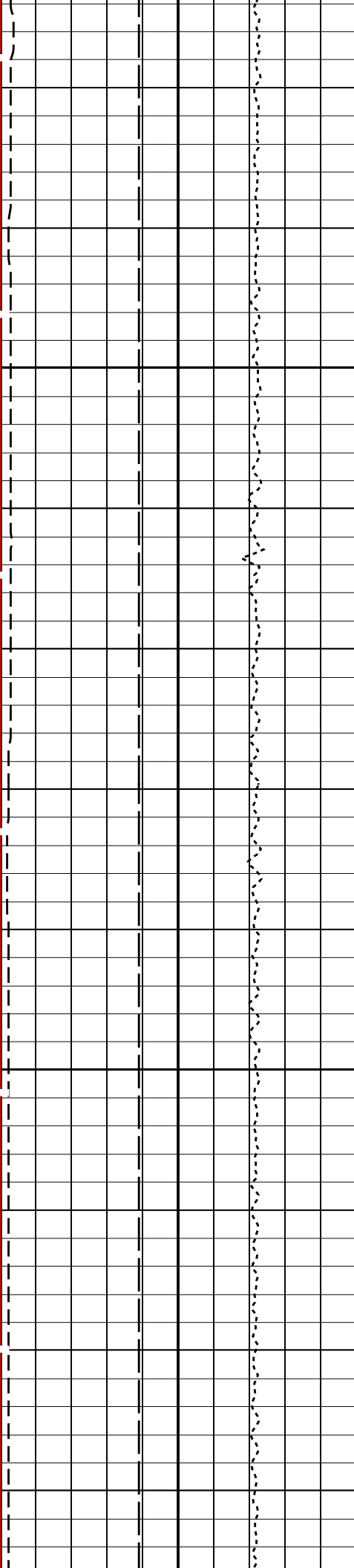






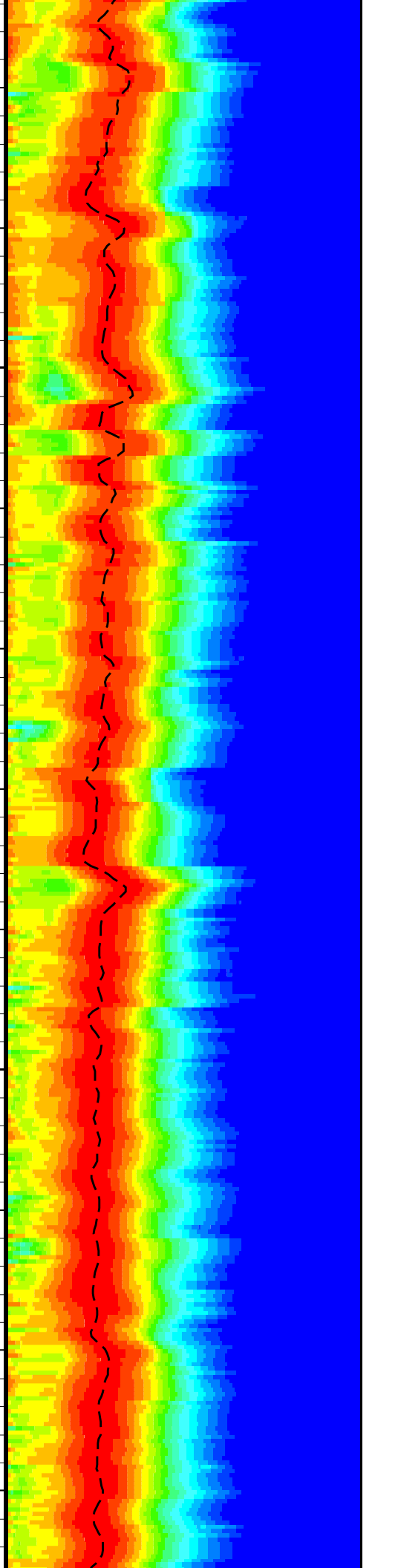
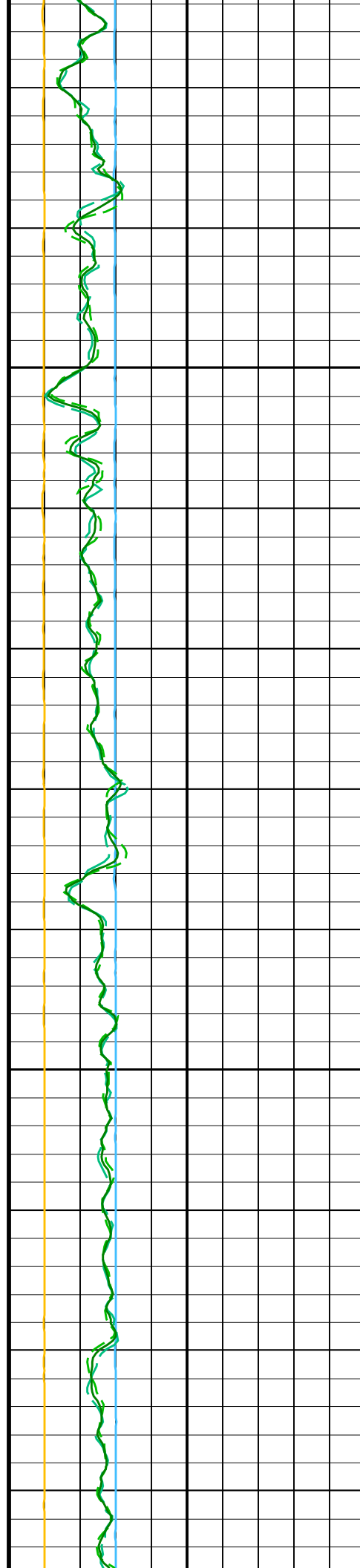


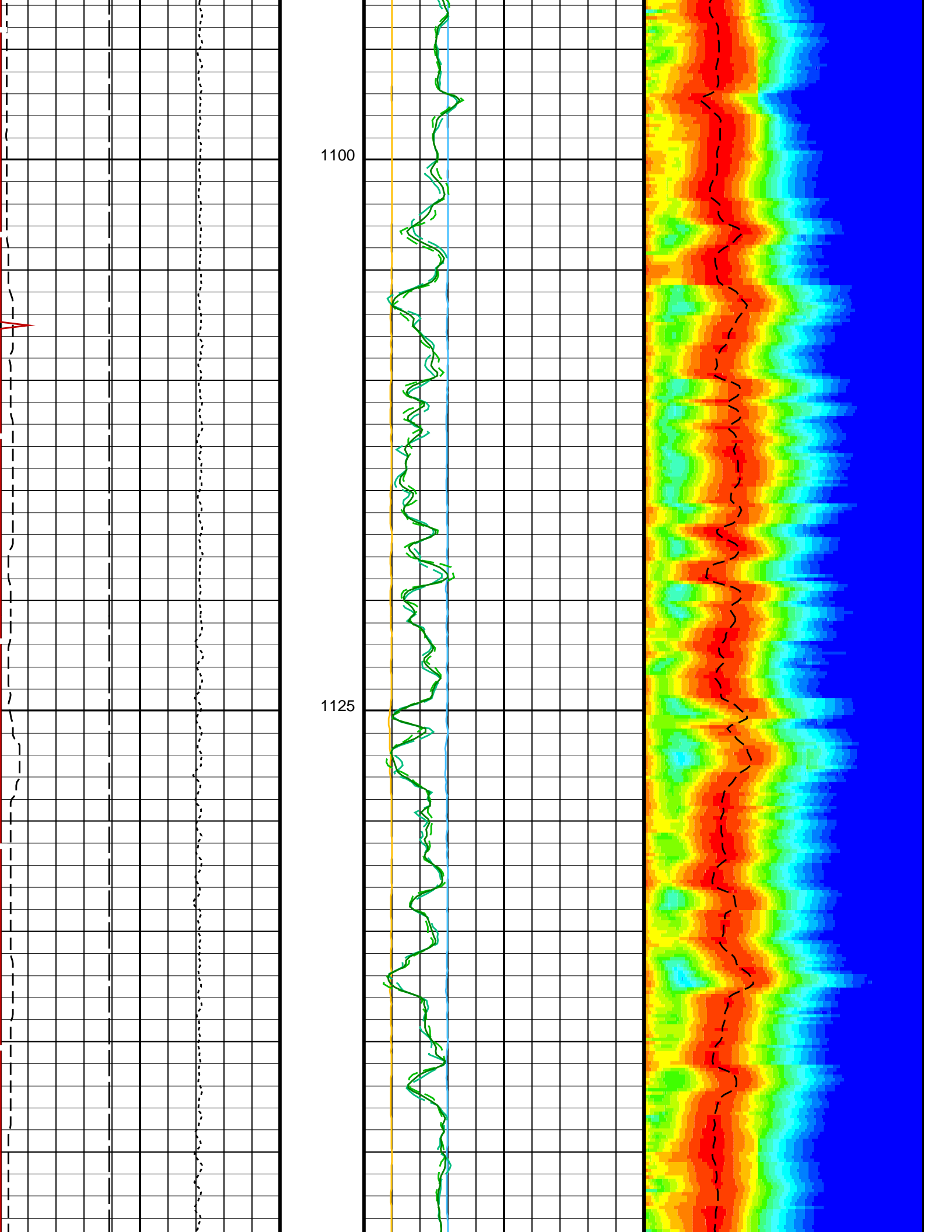


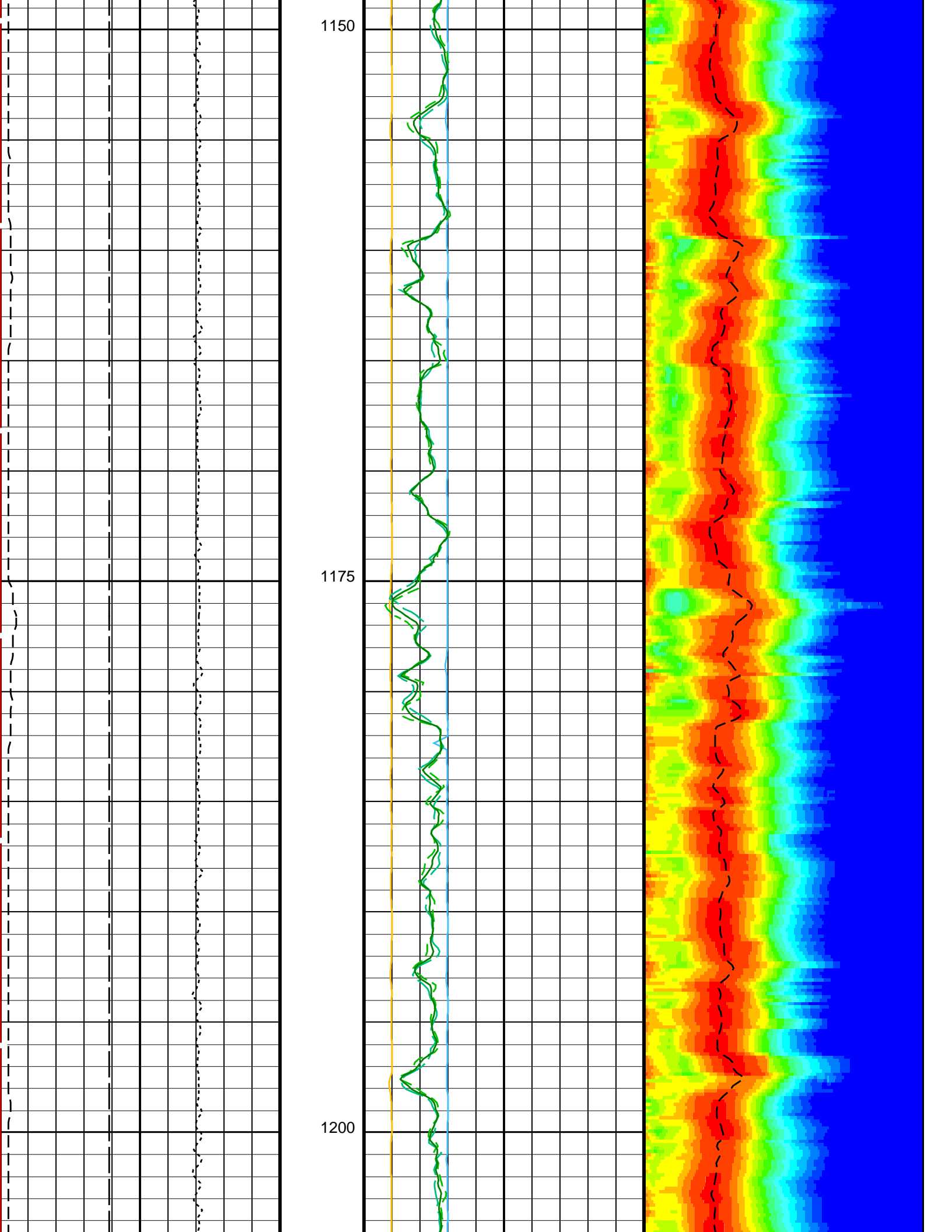


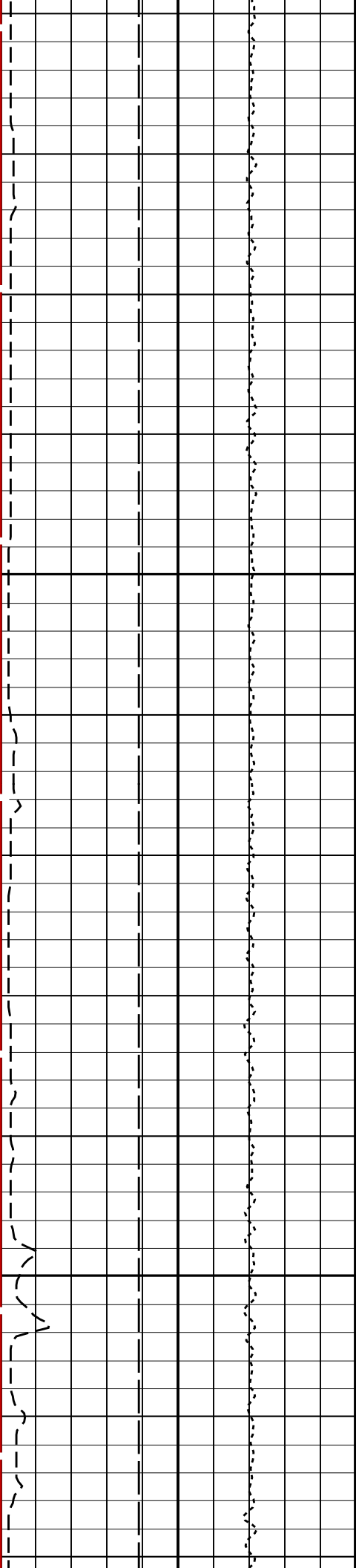
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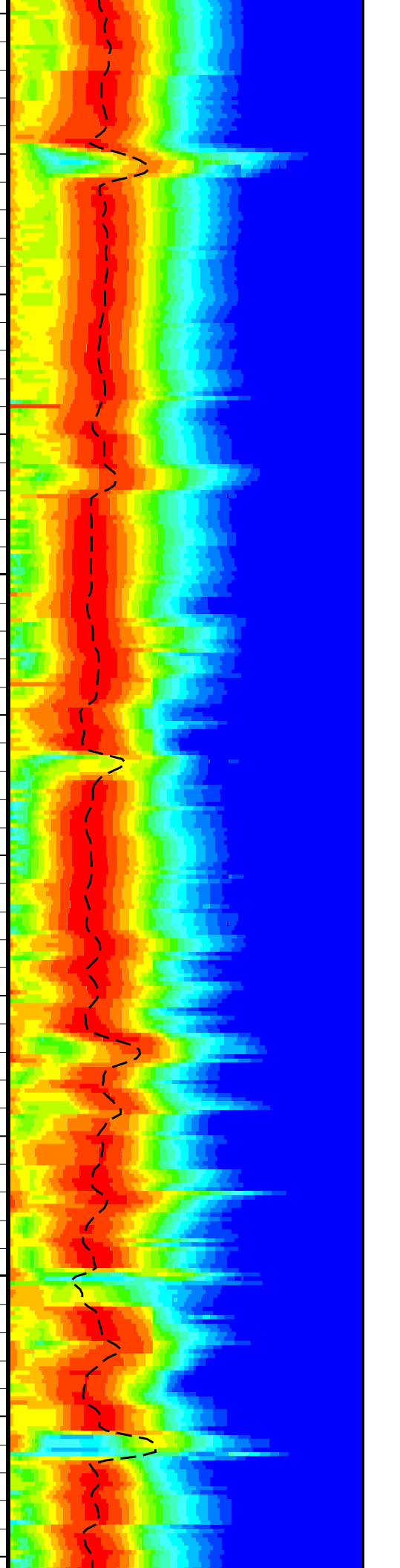
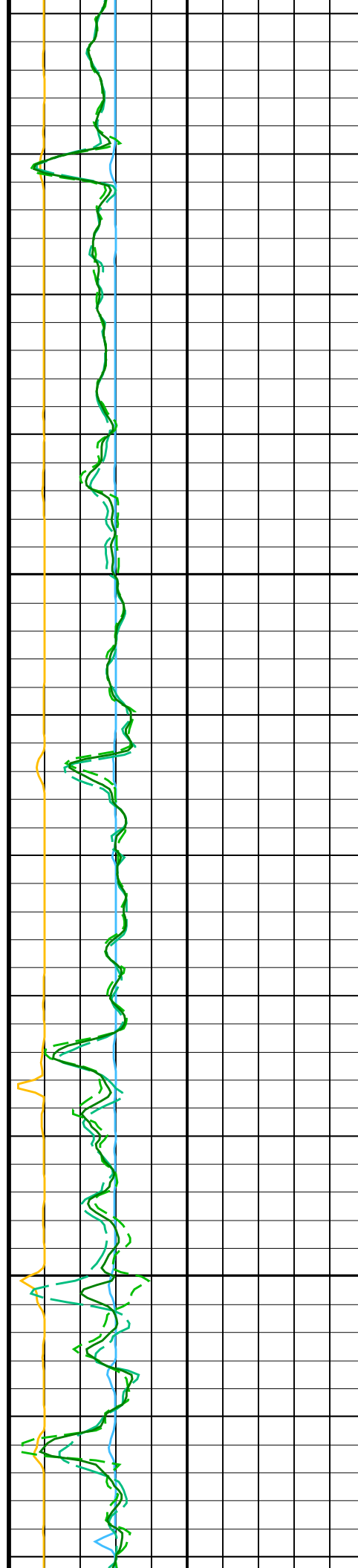


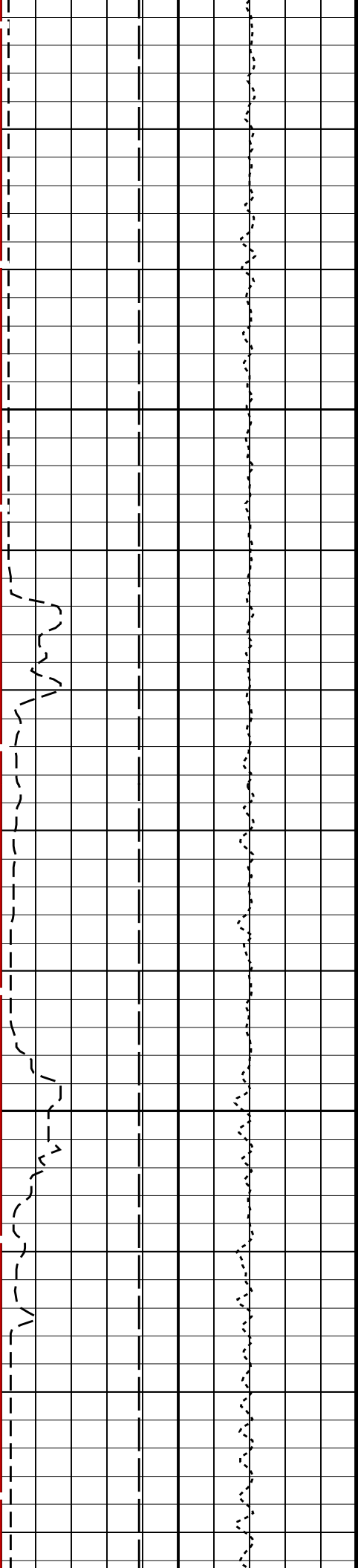




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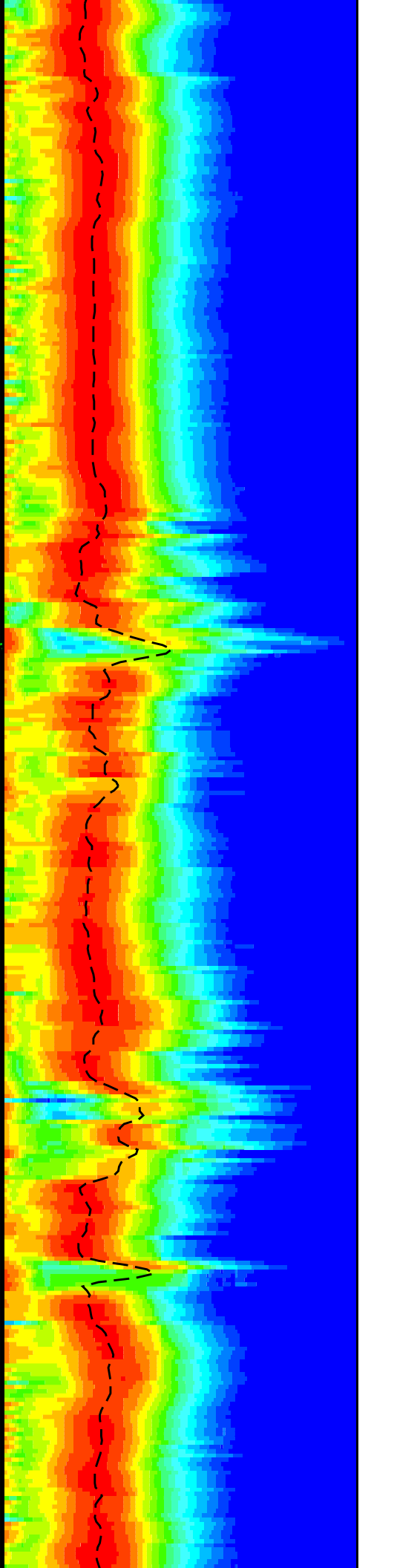
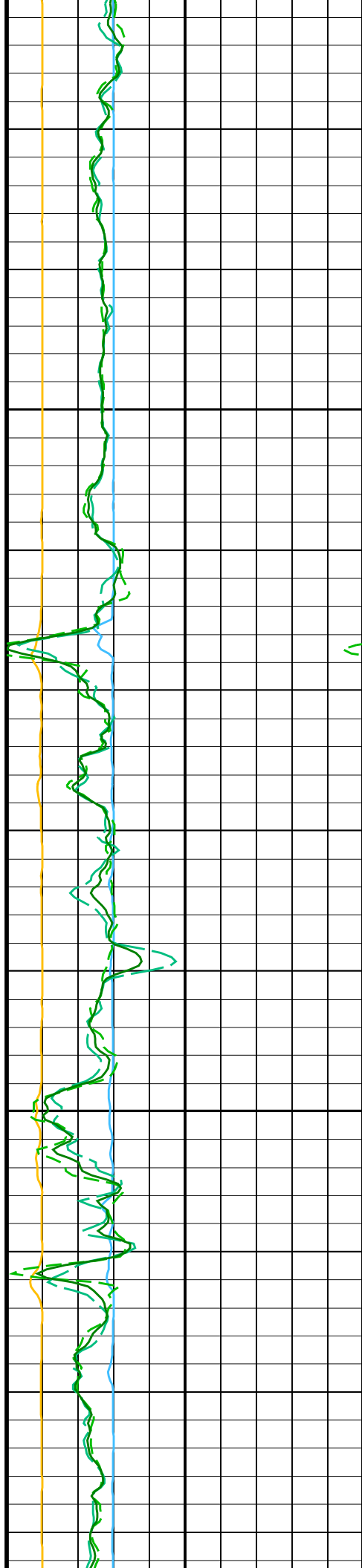
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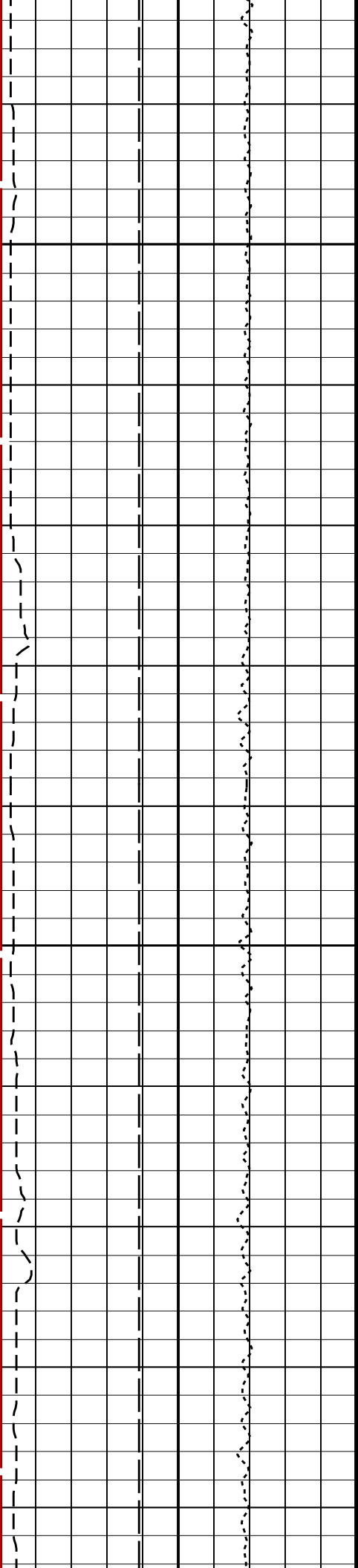




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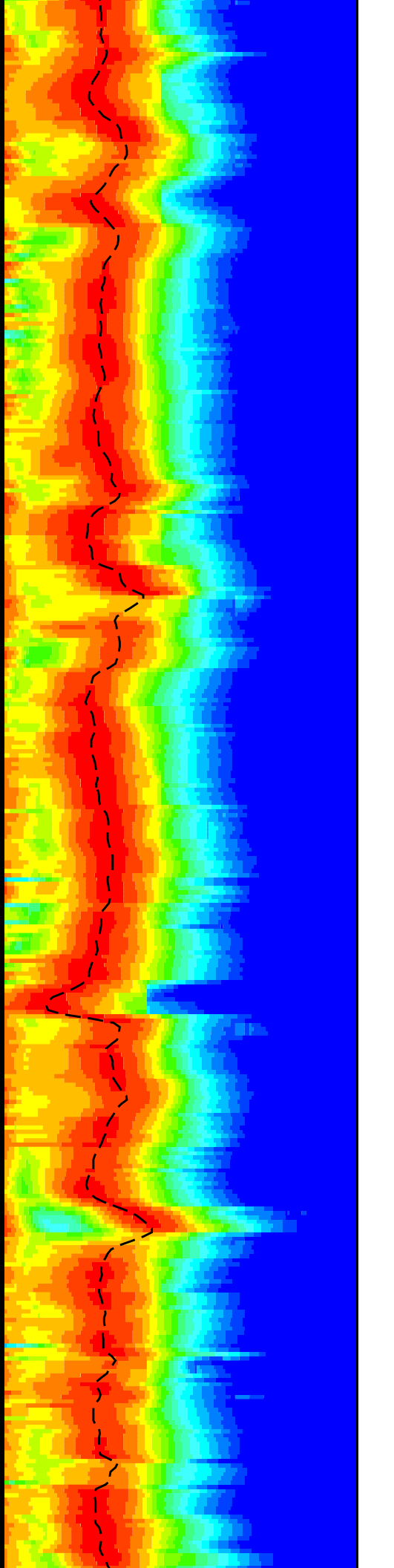
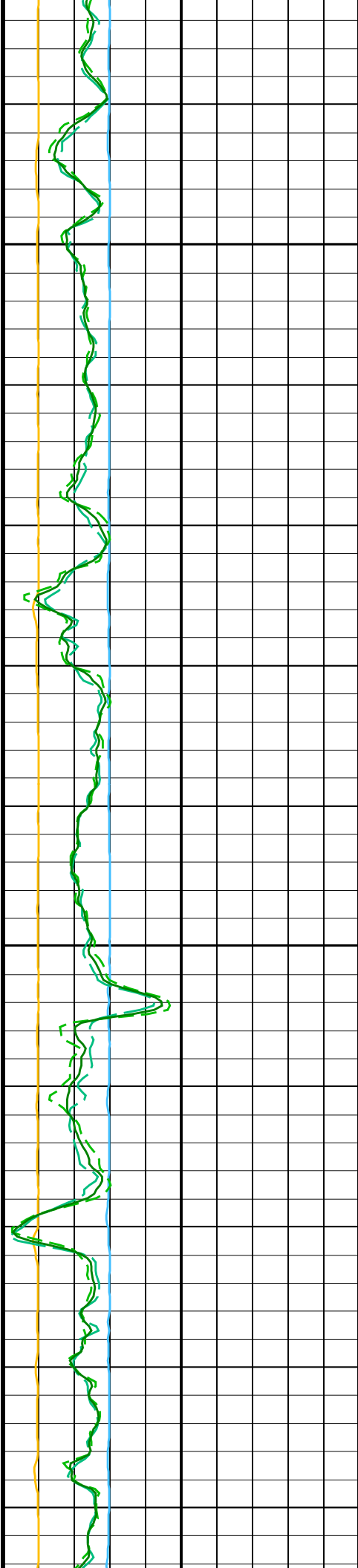
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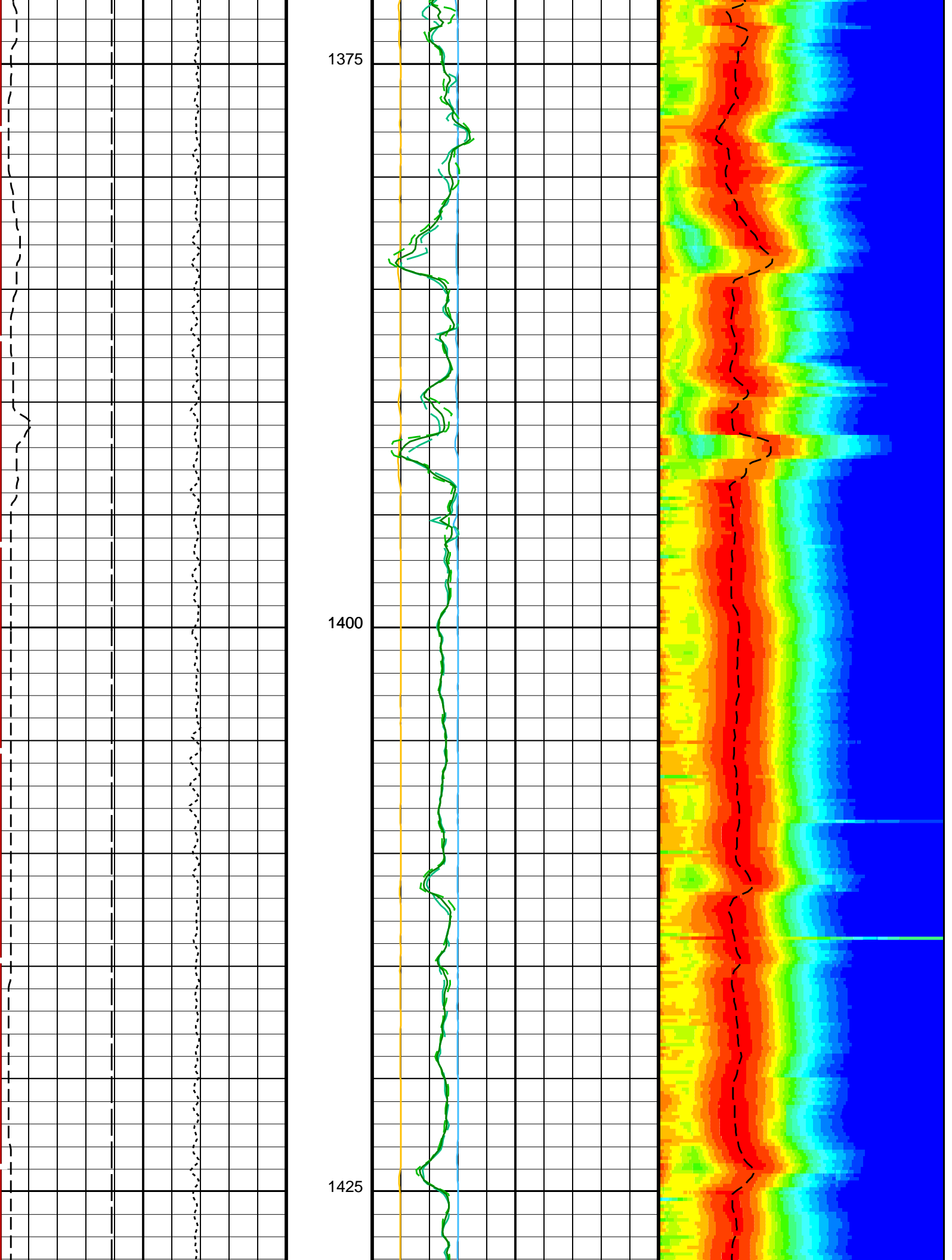


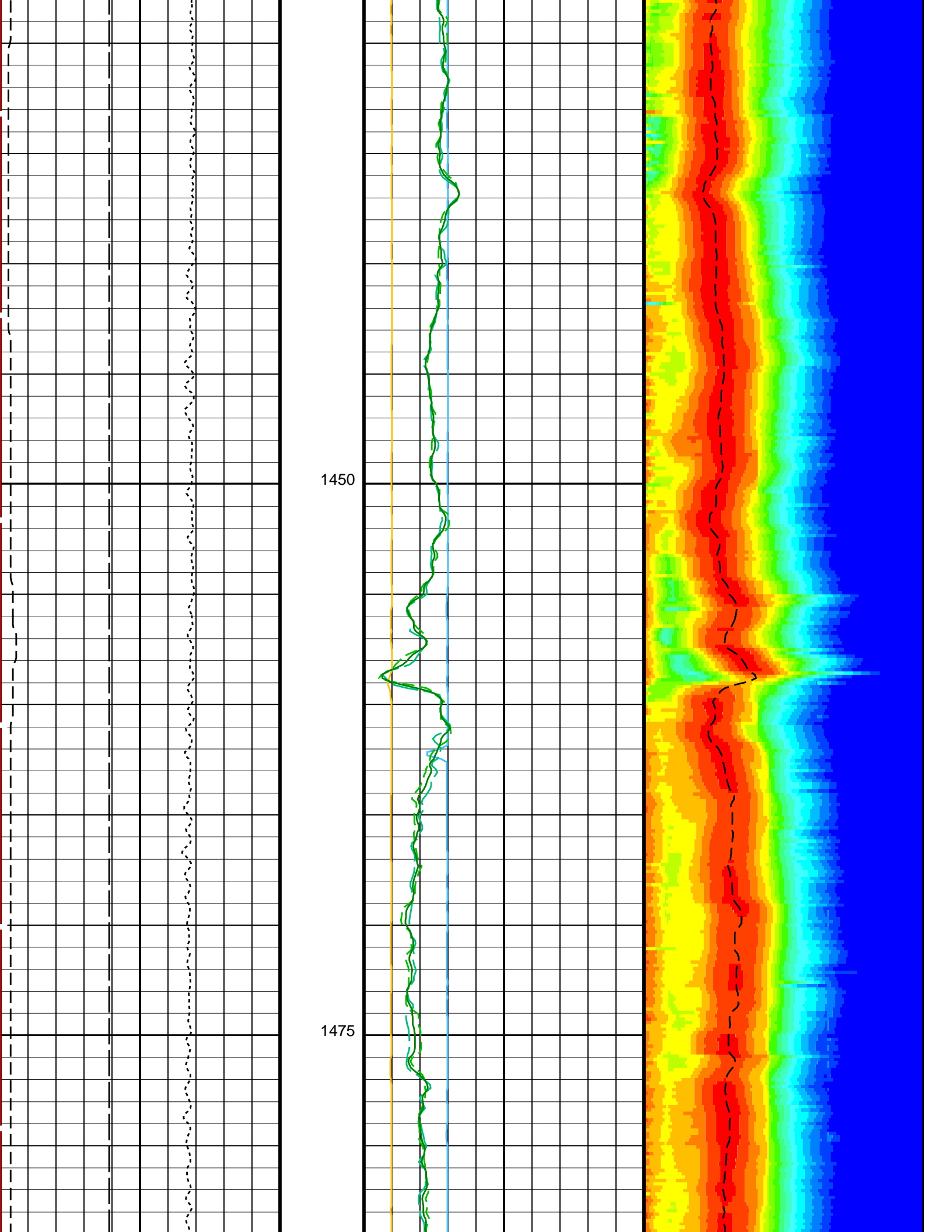


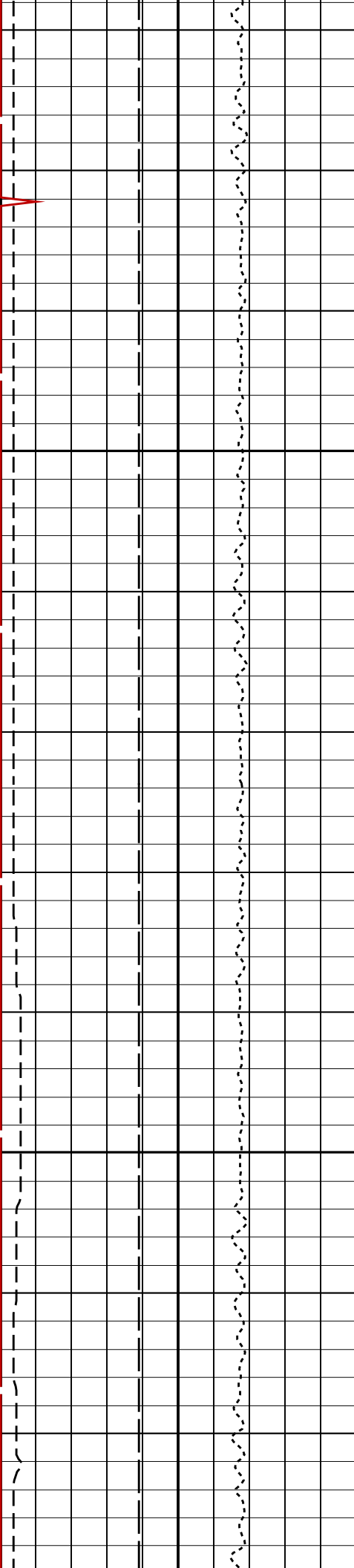
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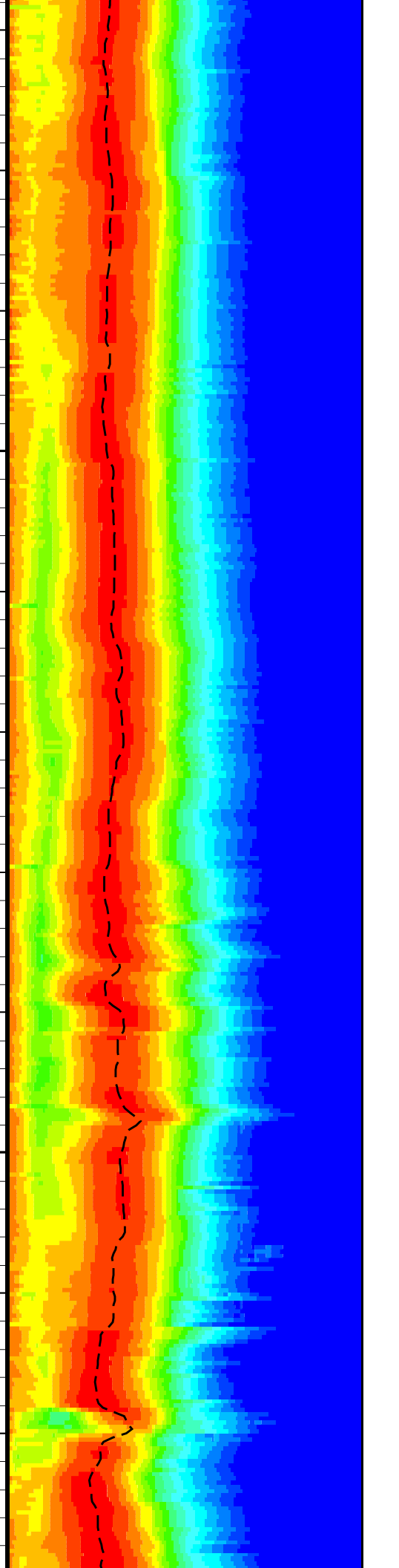
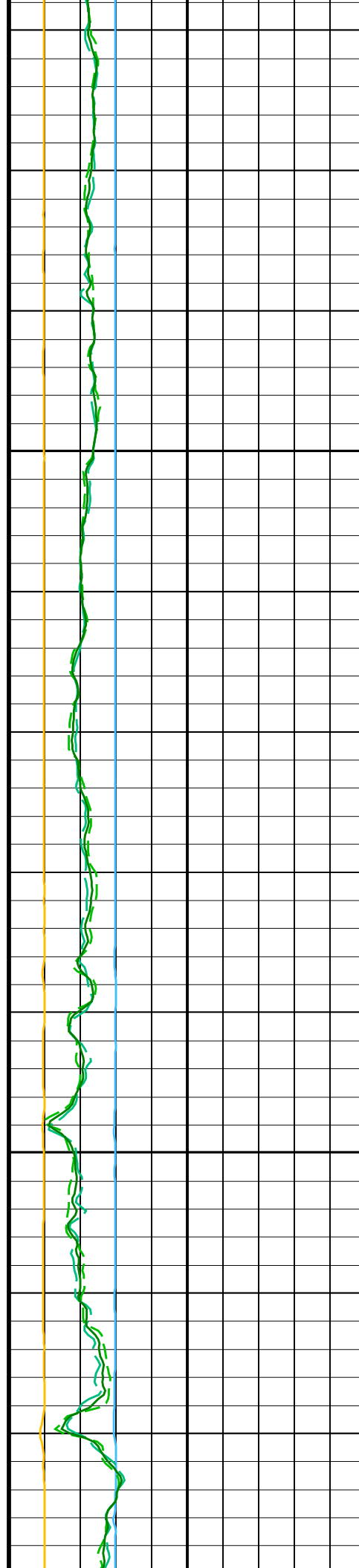


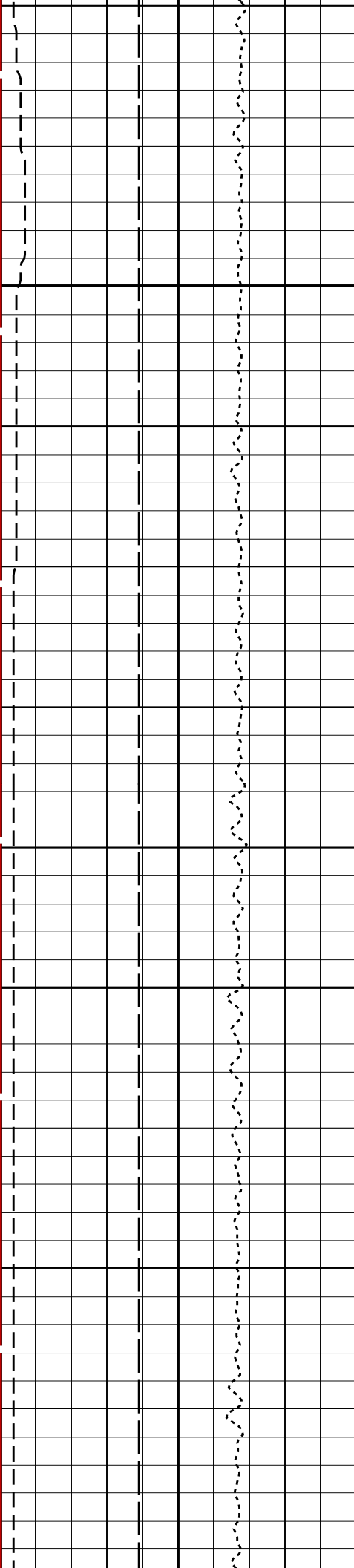




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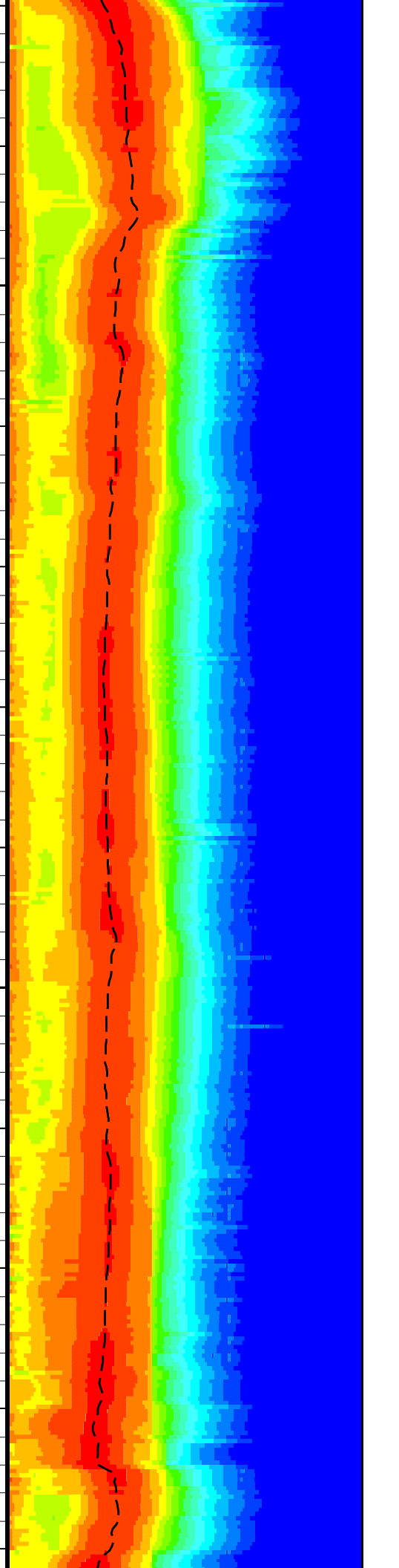
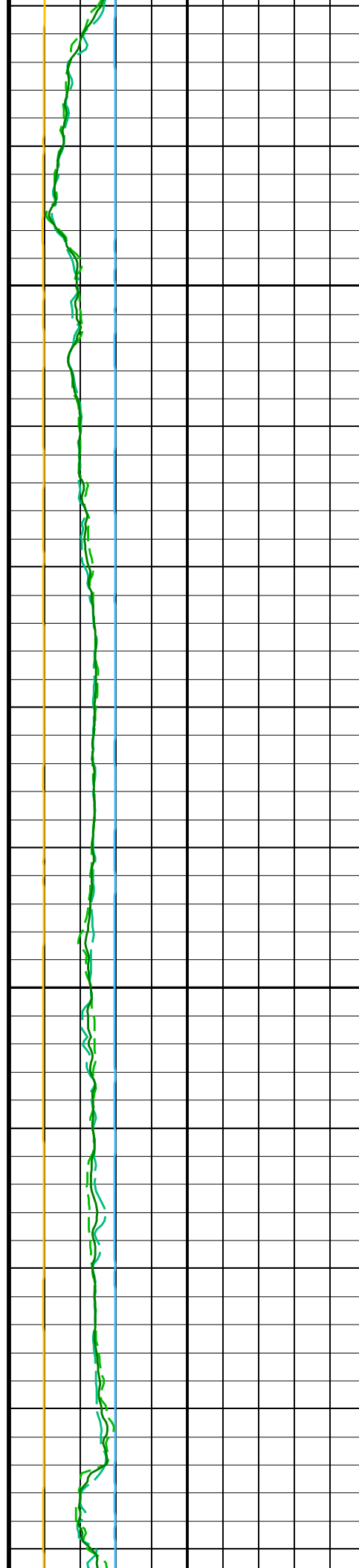
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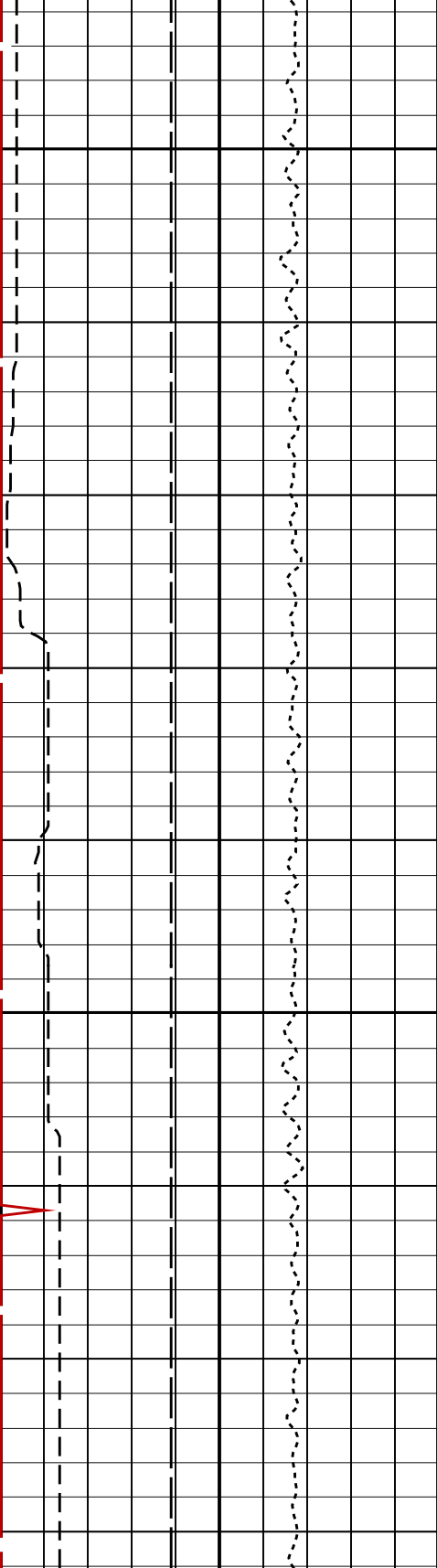




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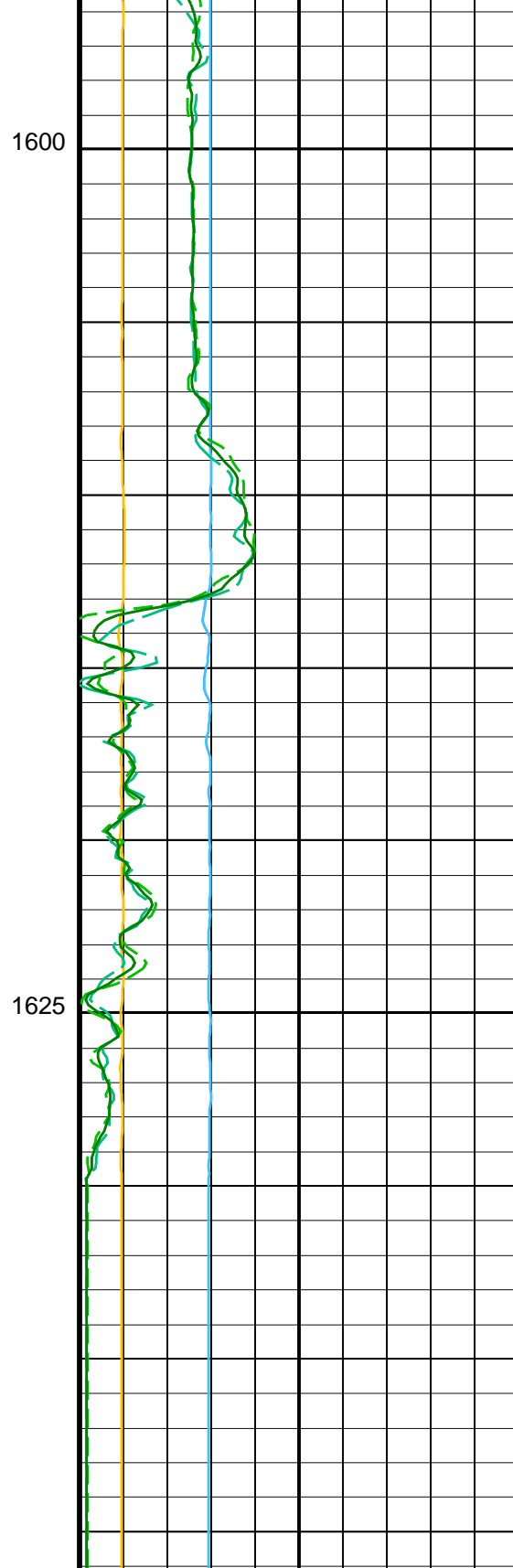


Bit Size (BS)
(IN)

SAM3 Waveform Gain (WFG3)
(----) 1000

Tension (TENS)
(LBF) 10000 0

Waveform Data Copy Indicator 3 –
Monopole Stoneley (WC13)

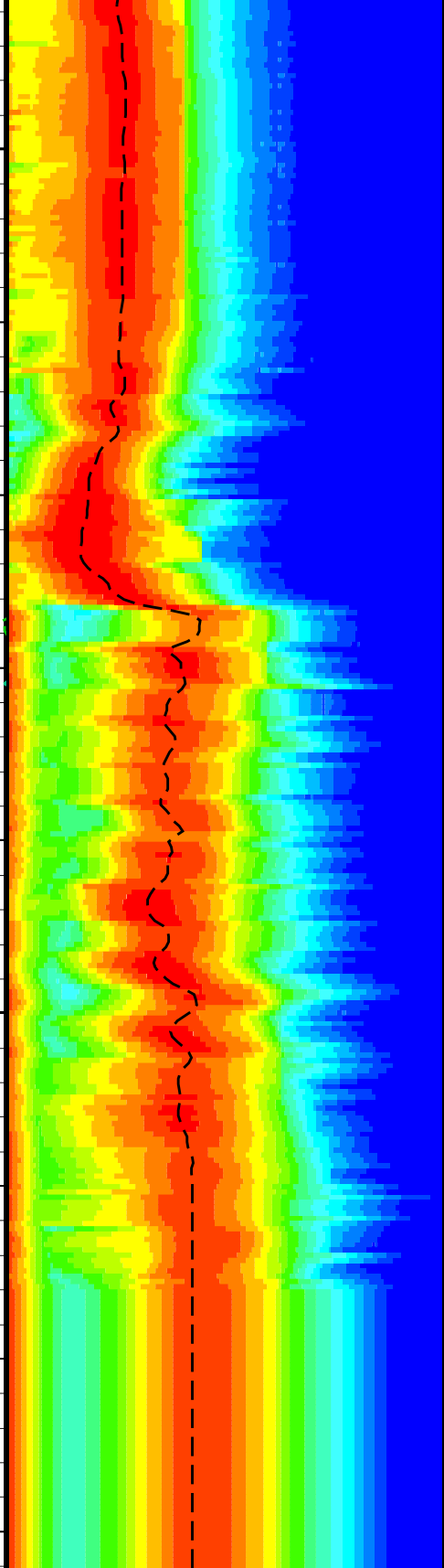


Peak Coherence / RA - Stoneley (CHR3)
(----) 10

Peak Coherence / TA - Stoneley (CHT3)
(----) 8

Delta-T Stoneley / RA (DT3R)
(US/F) 440 40

Delta-T Stoneley / TA (DT3T)



Delta-T Stoneley / RA (DT3R)
(US/F) 180 780

Min Amplitude Max
Rec.Array Stoneley Slow Proj. CVDL
(SPR3)
(US/F)

180 780

0	Monopole Stoneley (W013) (-----)	10	440	(US/F)	40
			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	
WFM3	Waveform Mode 3	W1	
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: 25-Sep-2023 08:25

OP System Version: 19C0–187

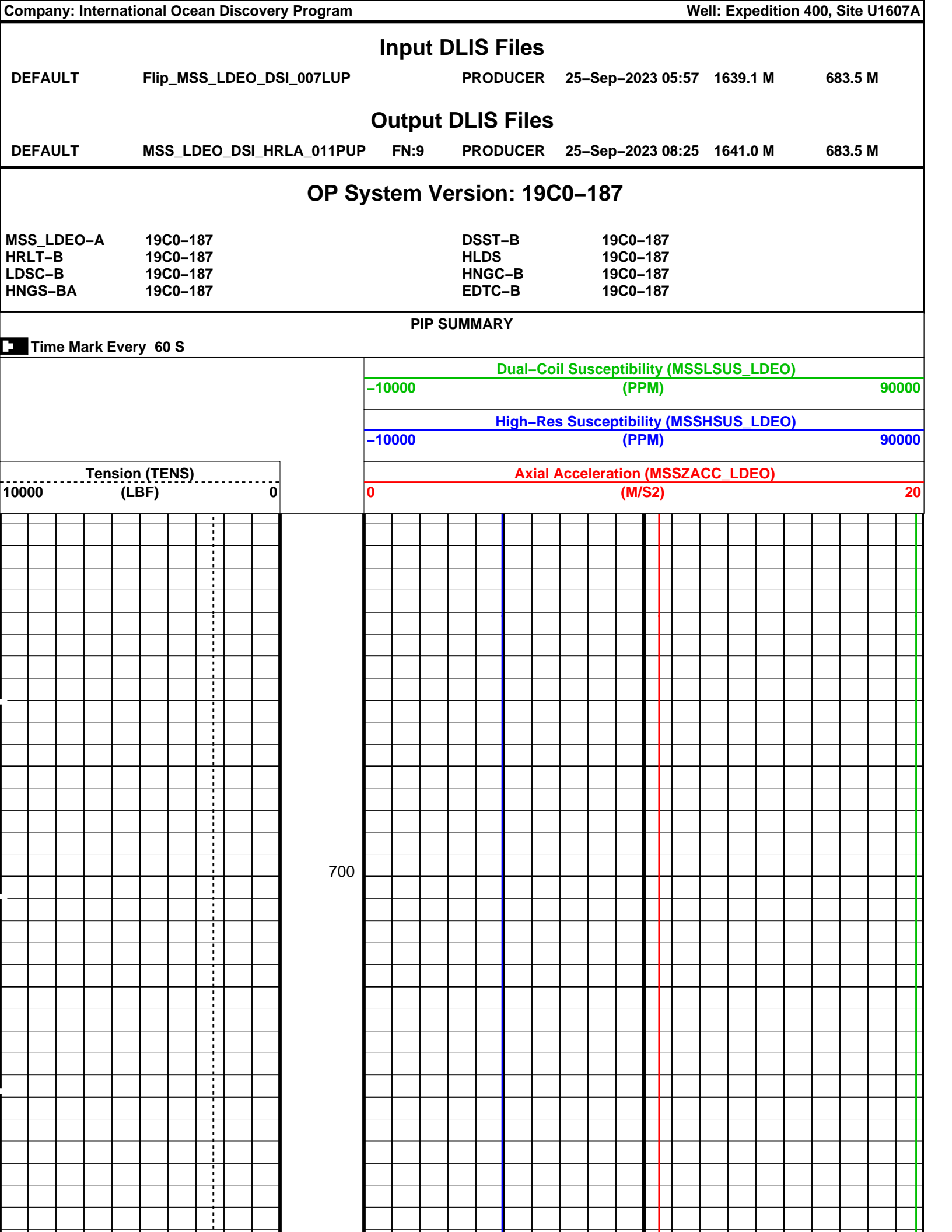
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HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

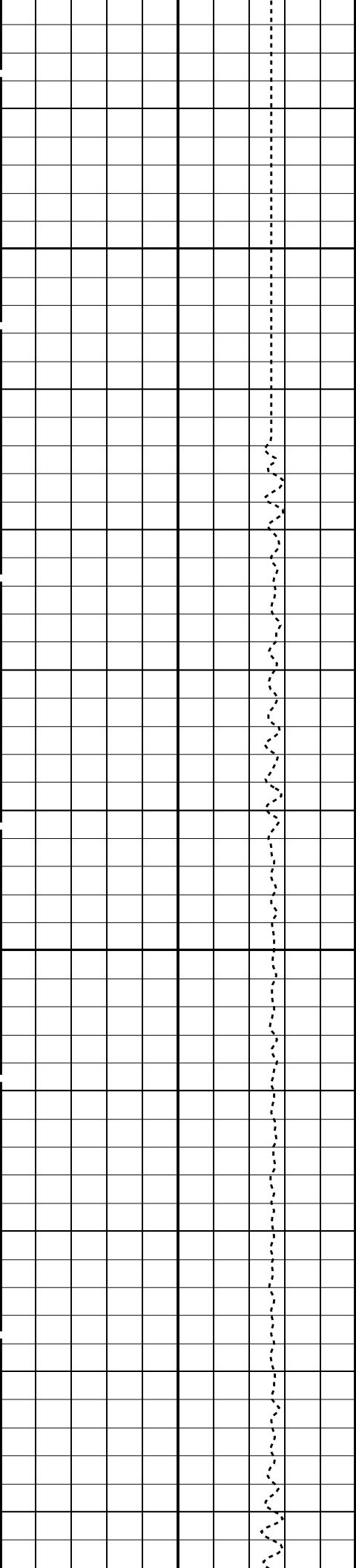
Input DLIS Files

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Output DLIS Files

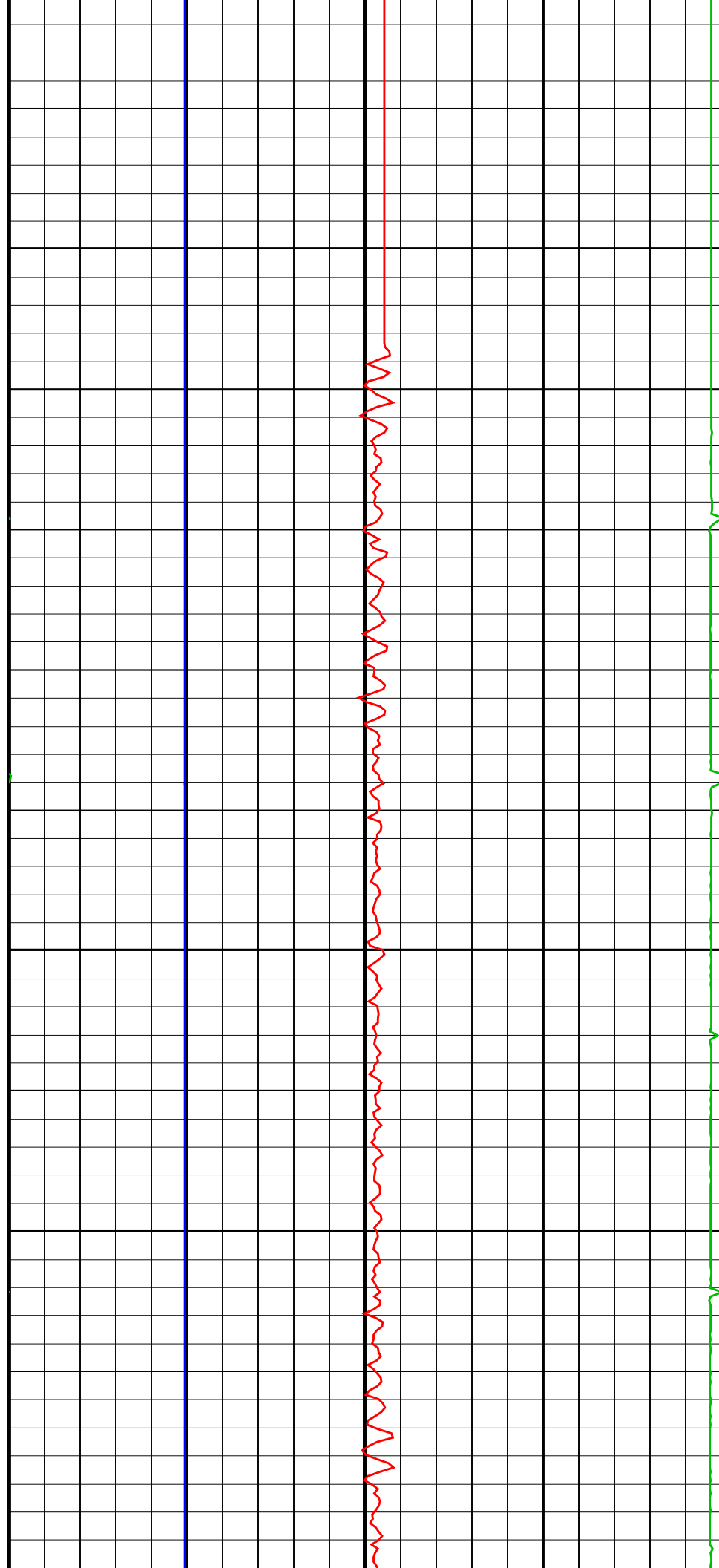
DEFAULT	MSS_LDEO_DSI_HRLA_011PUP	FN:9	PRODUCER	25-Sep-2023 08:25
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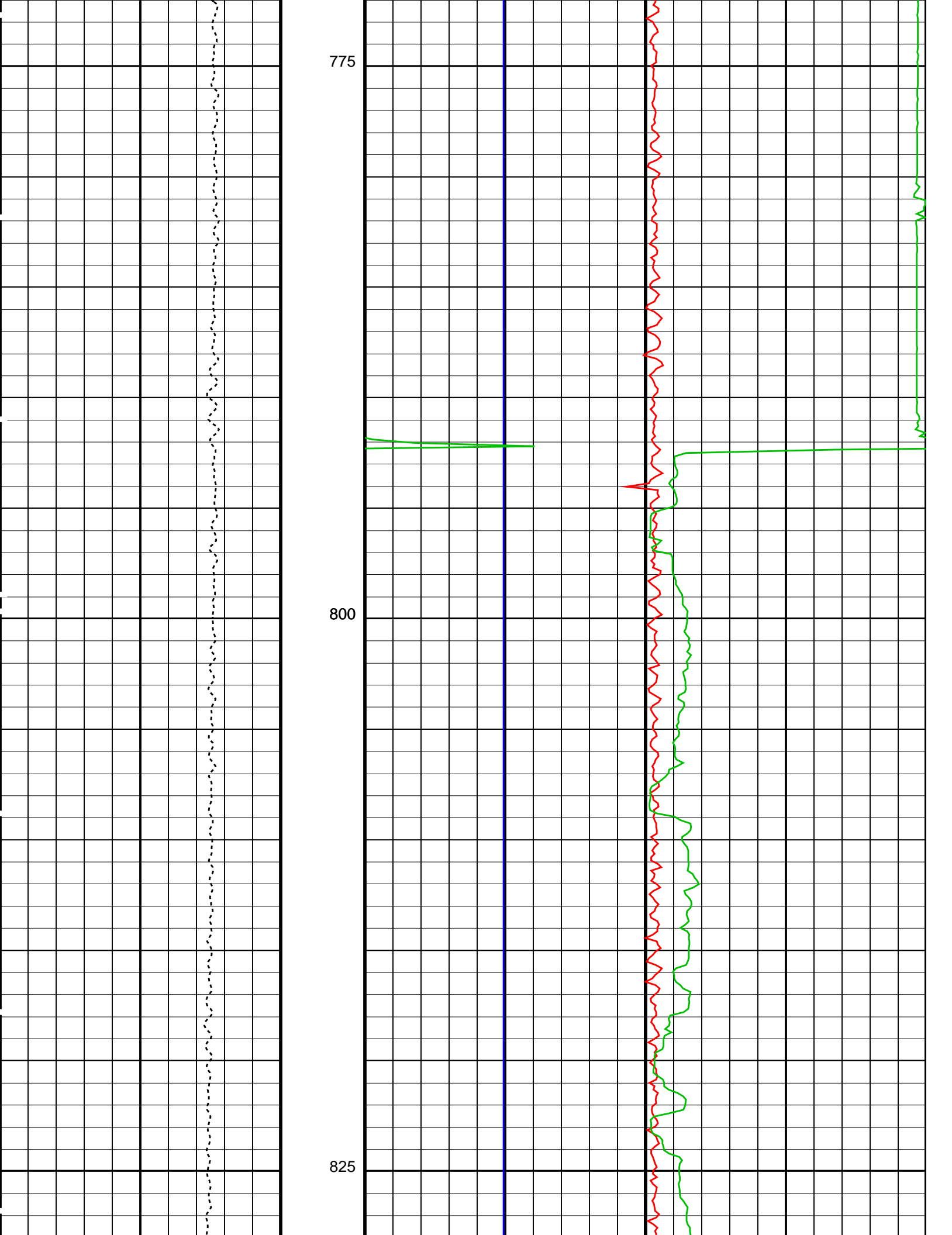


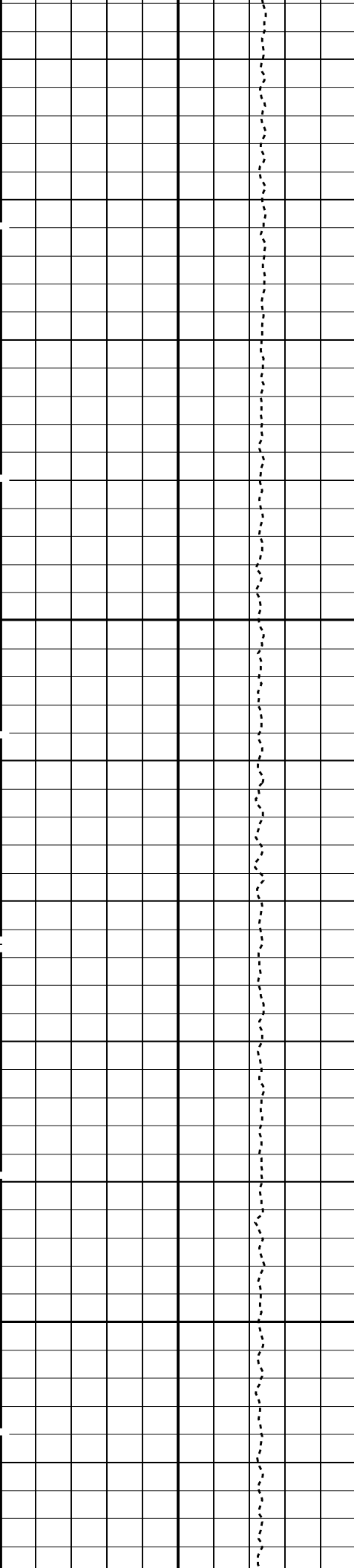


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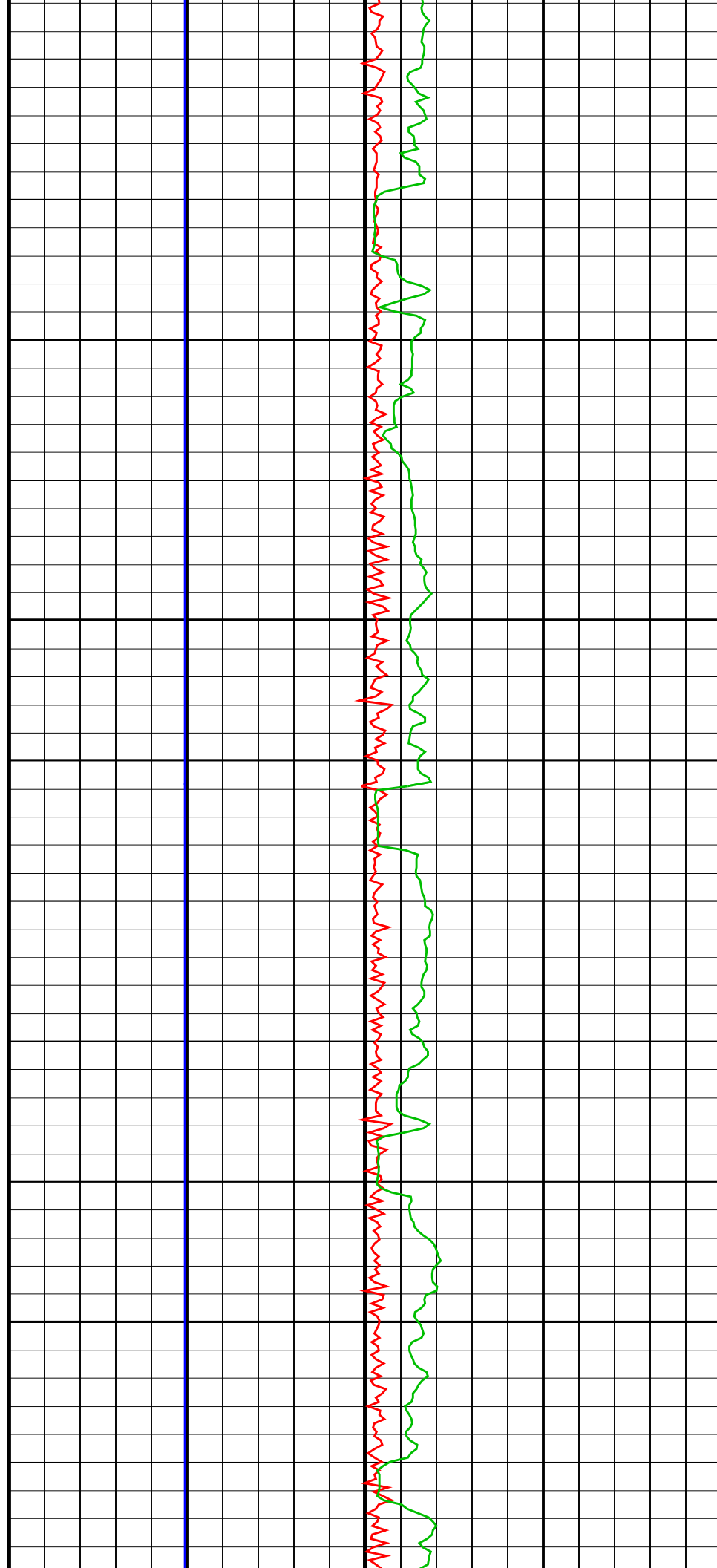


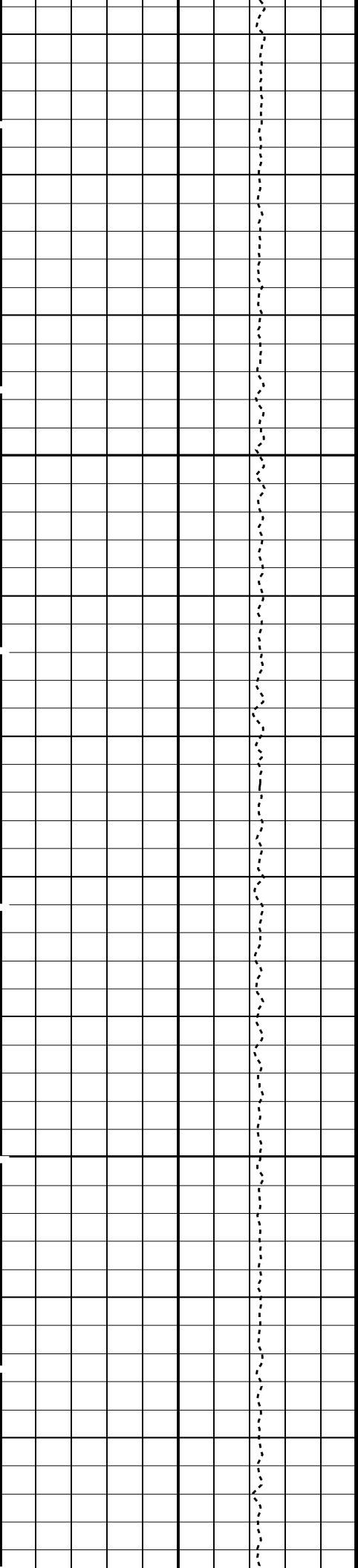




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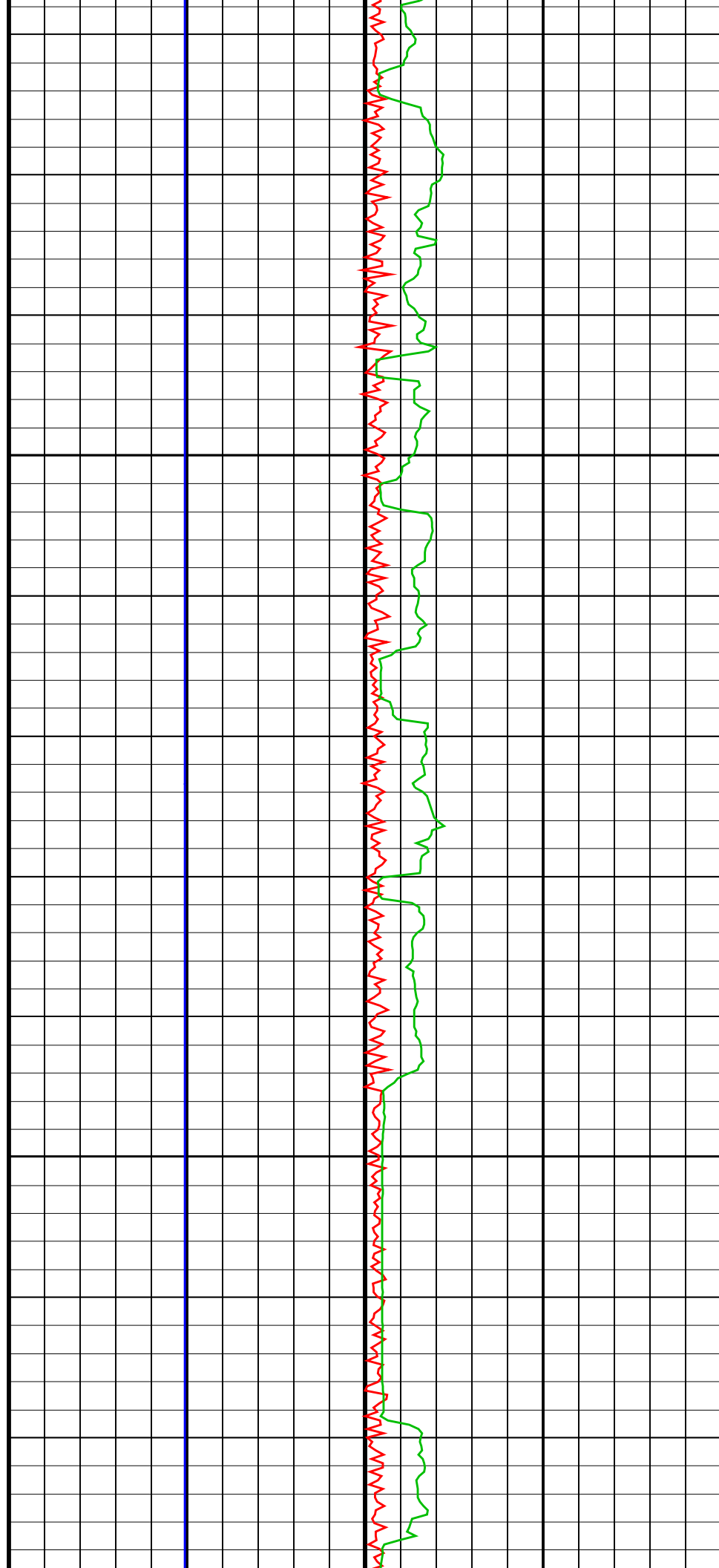
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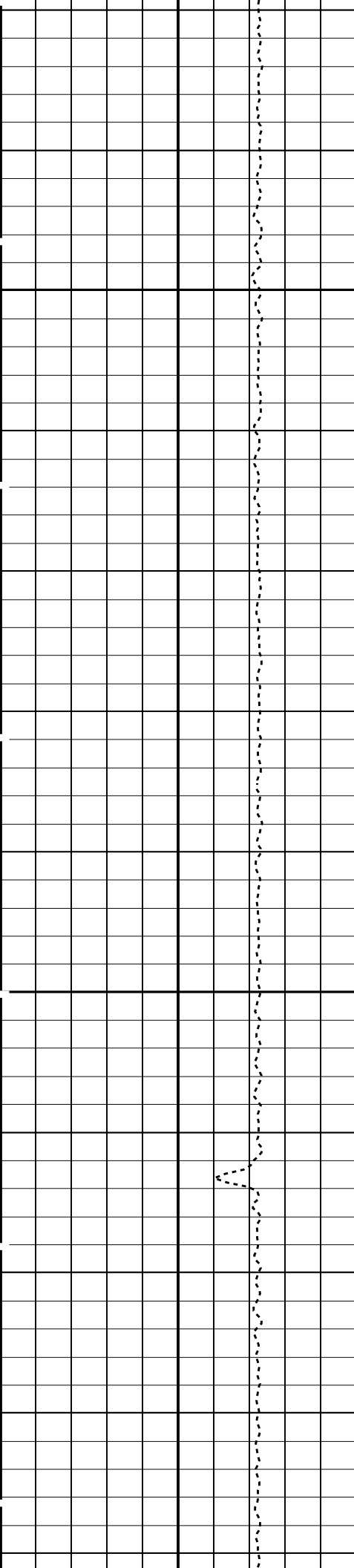




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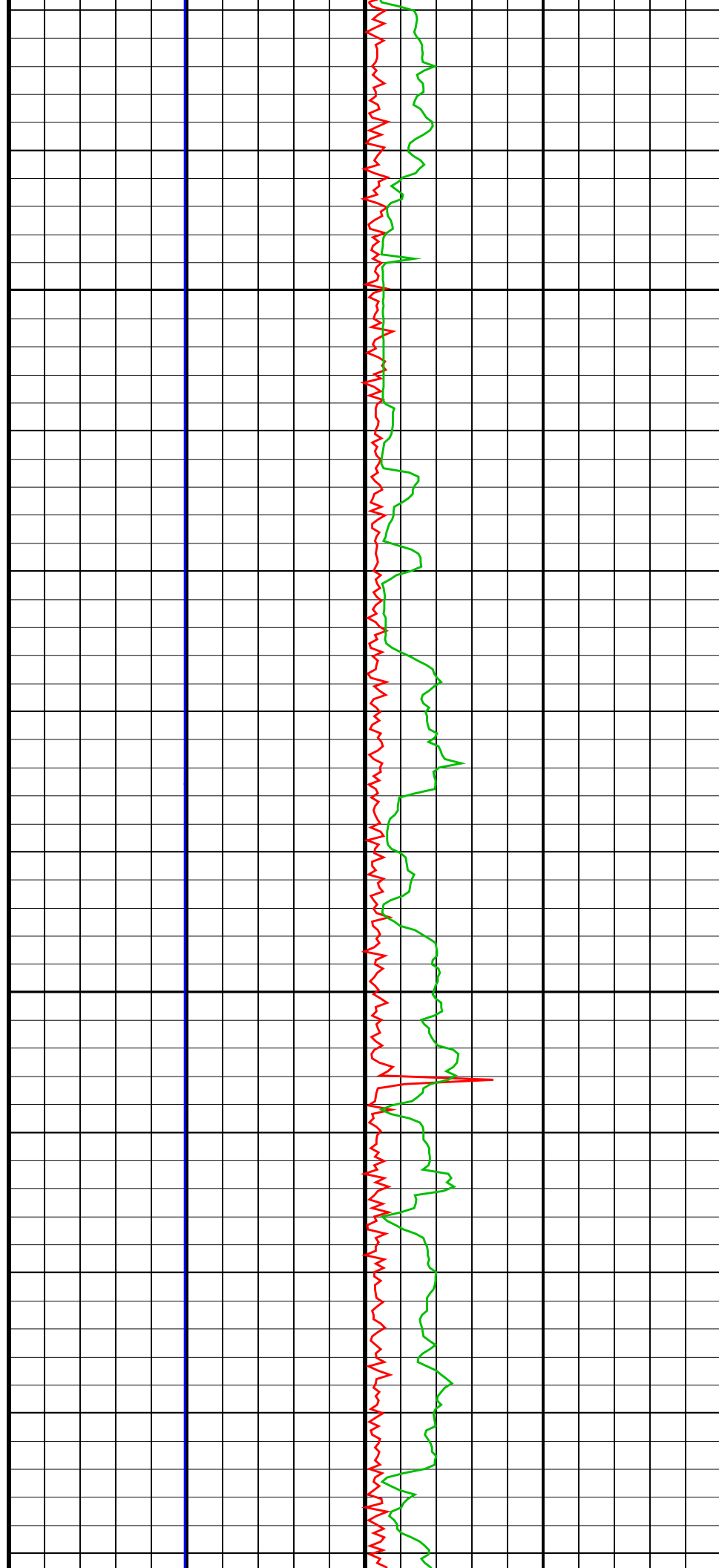
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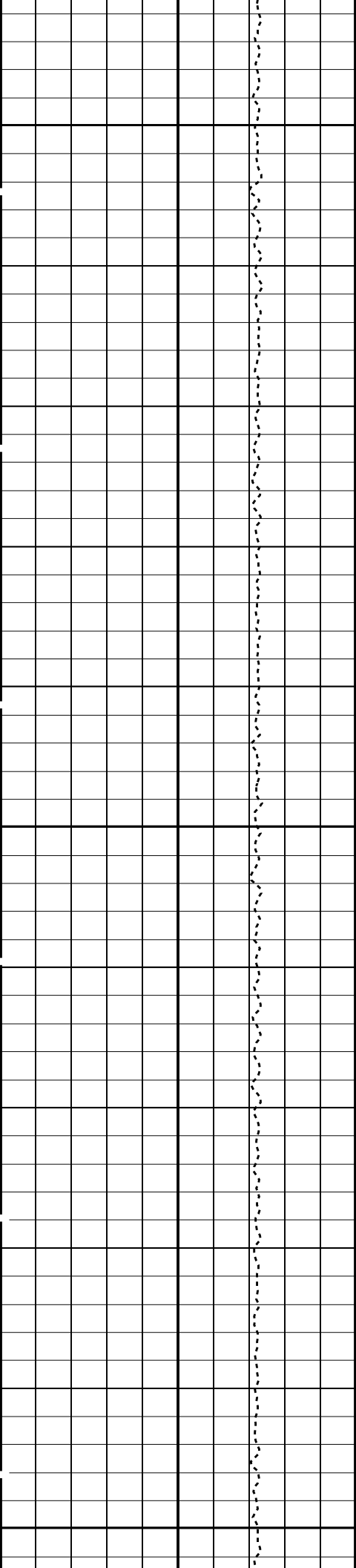




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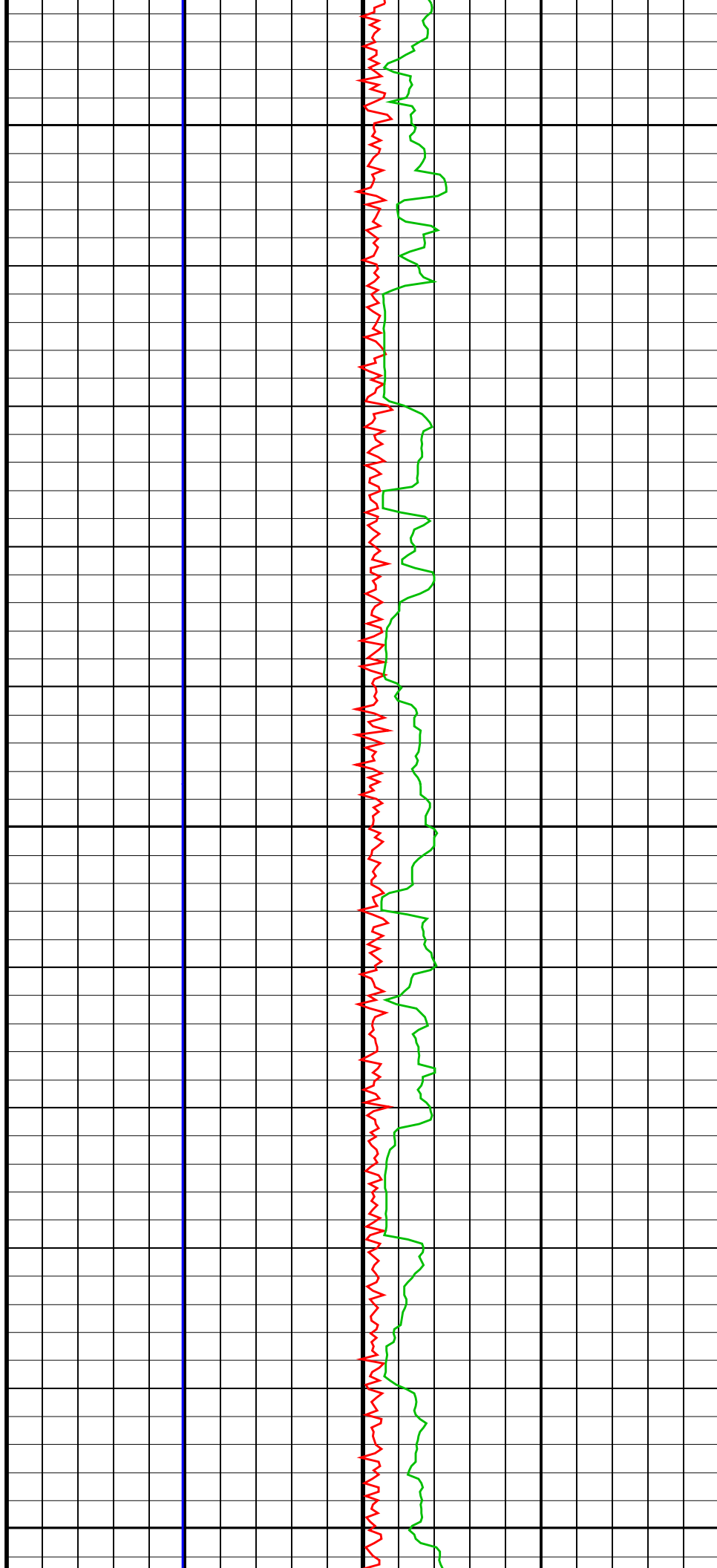


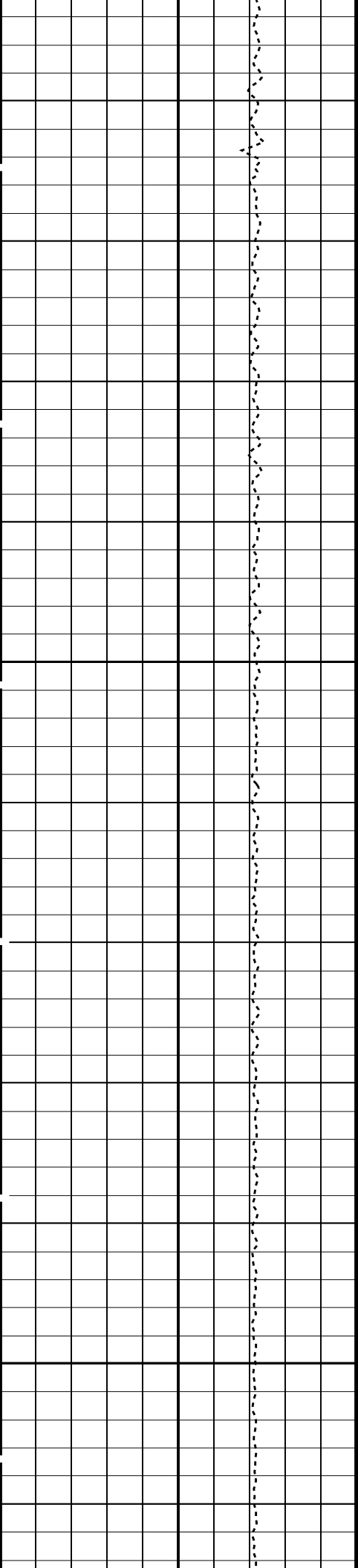


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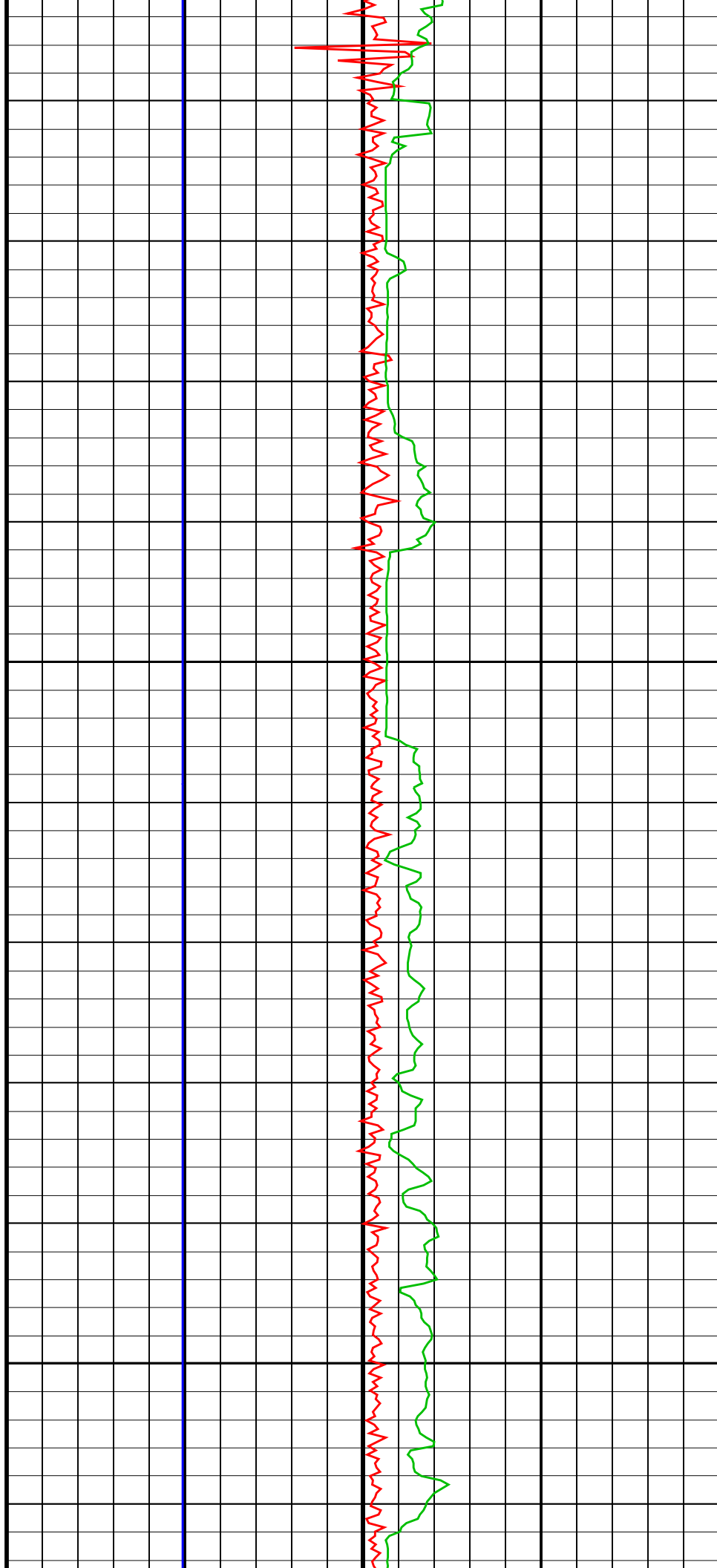
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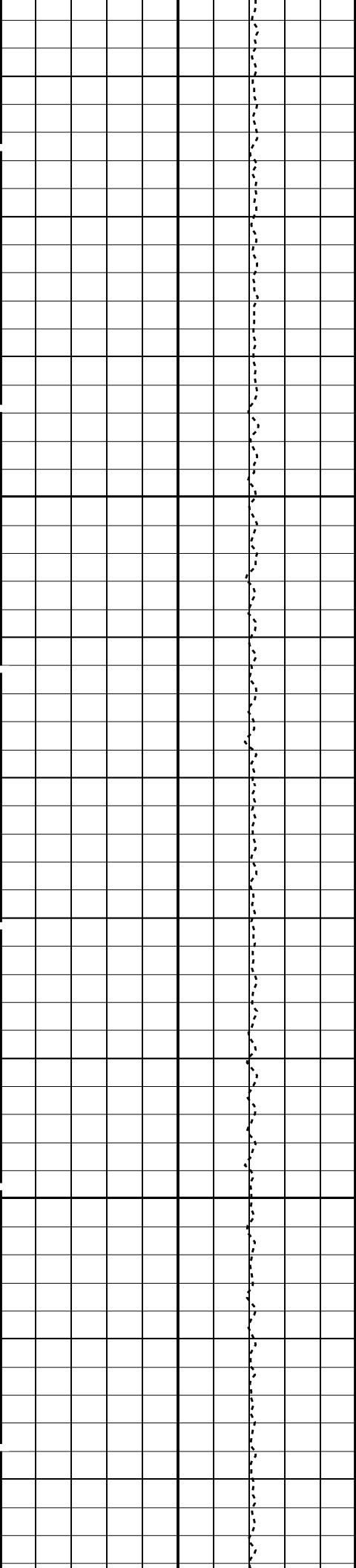




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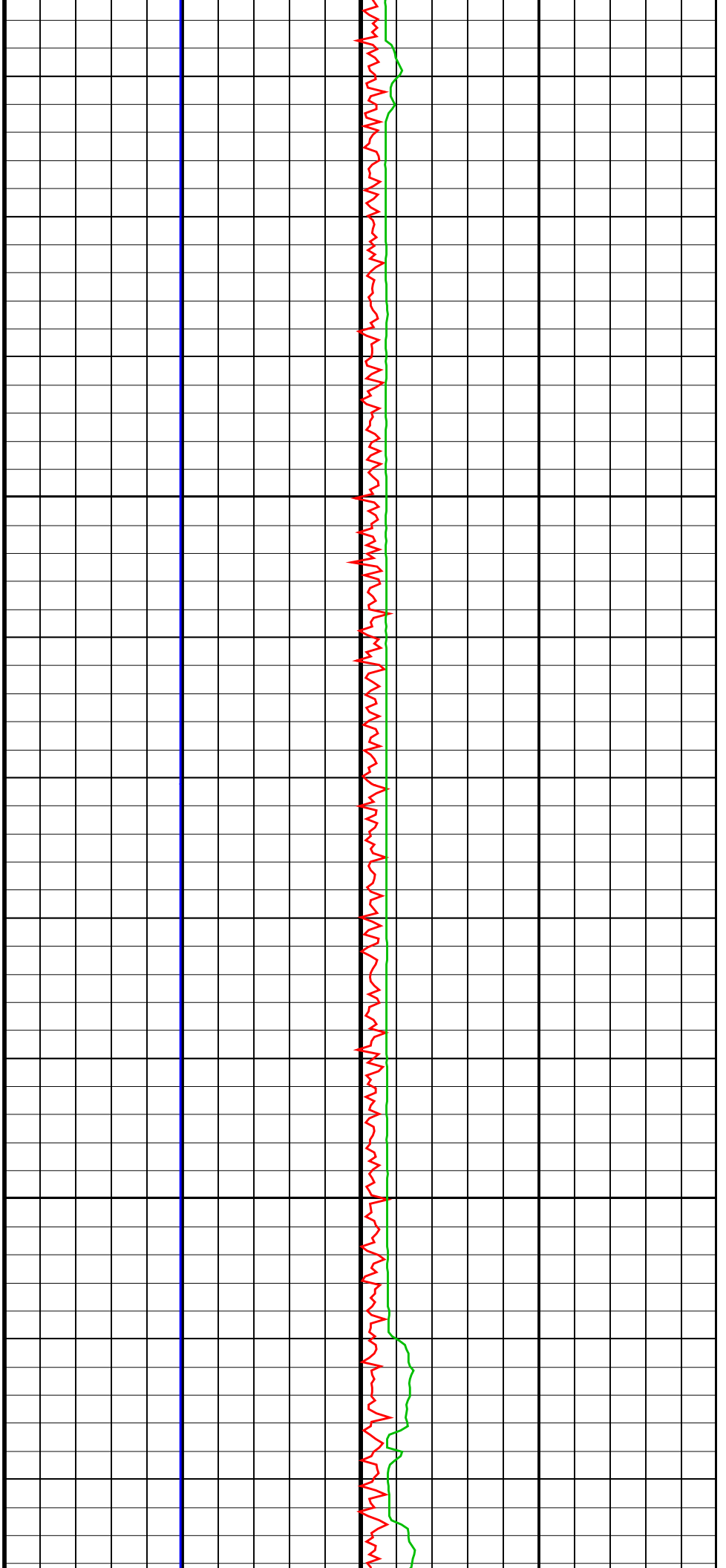
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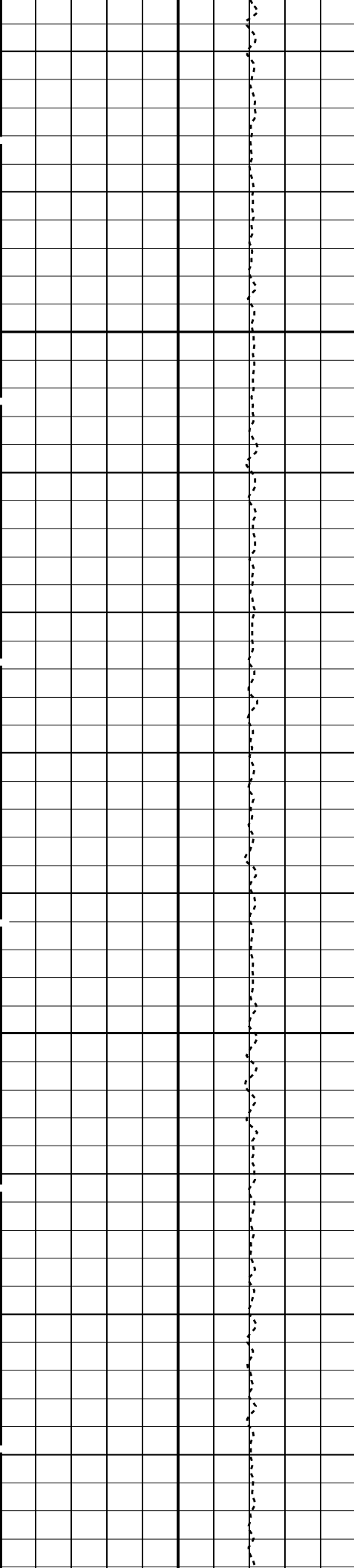




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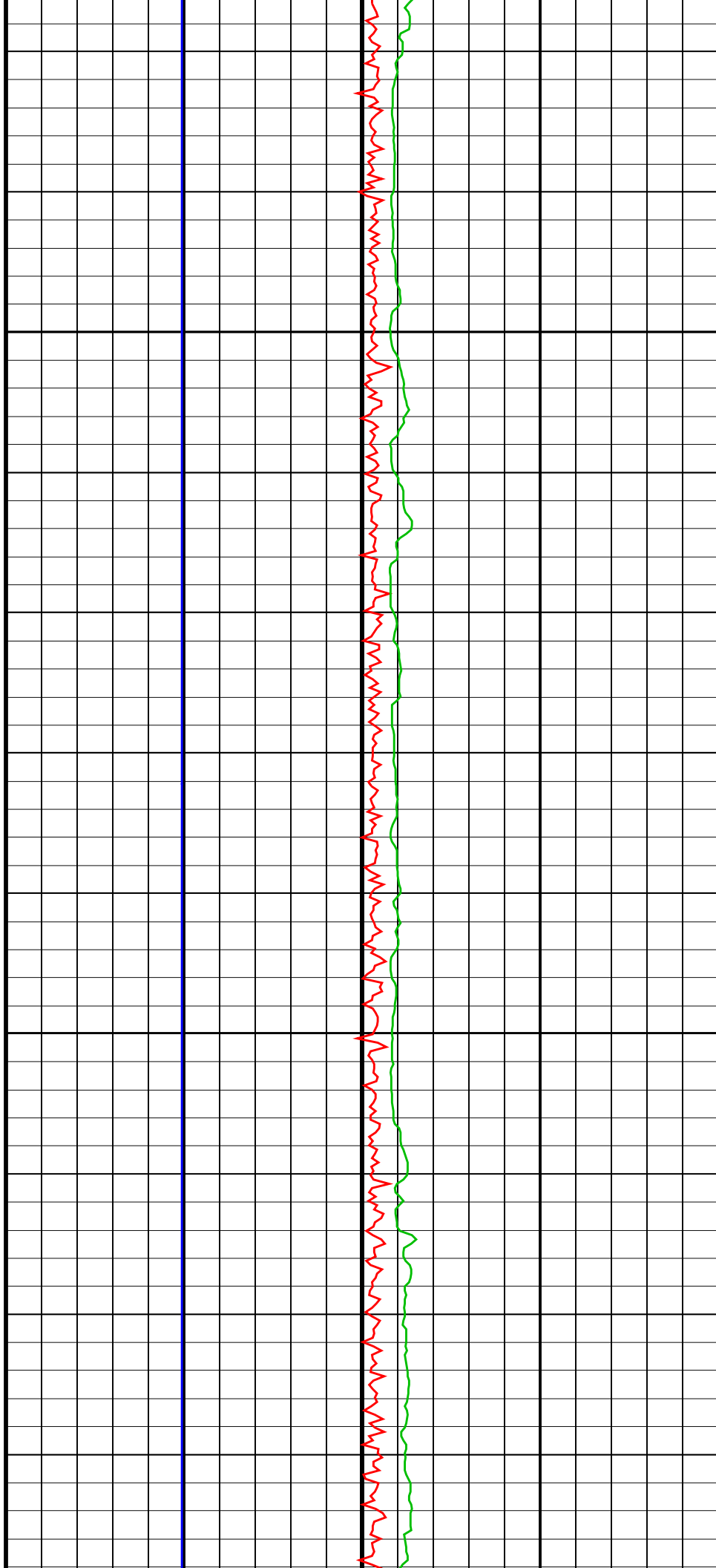
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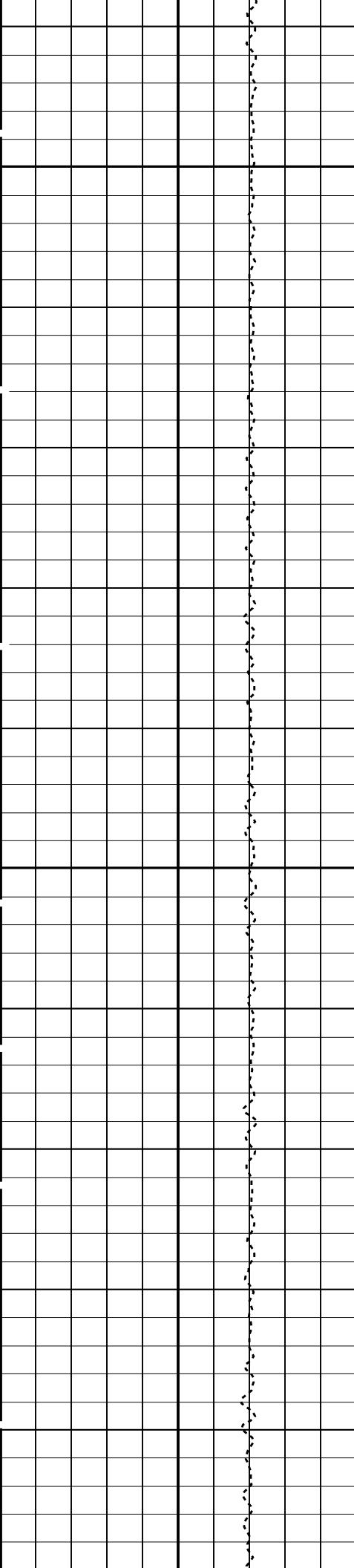




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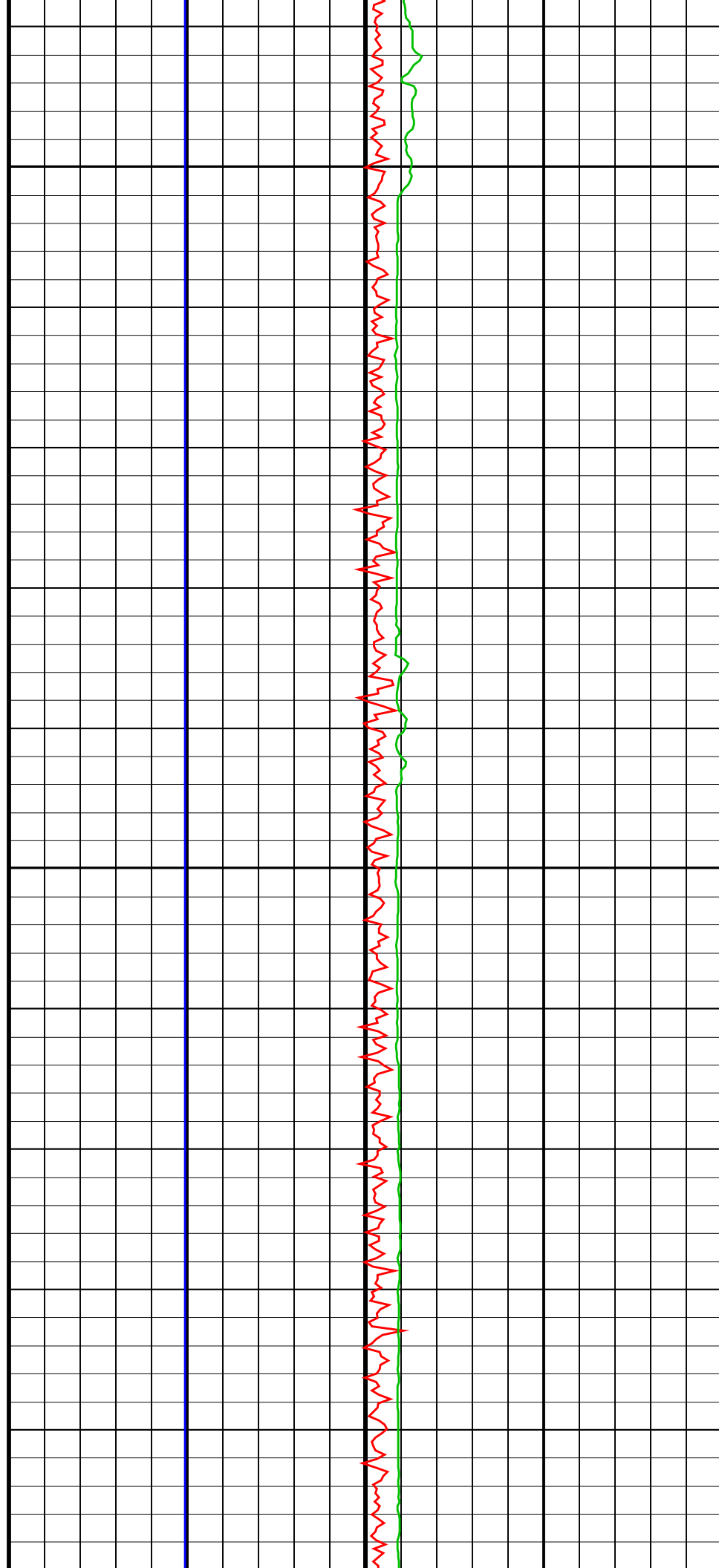


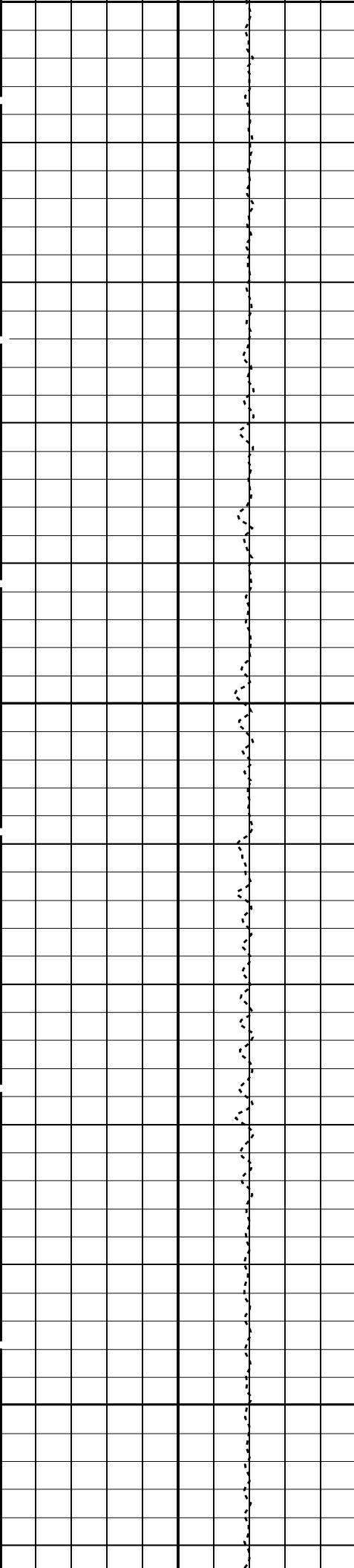


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1250

1275

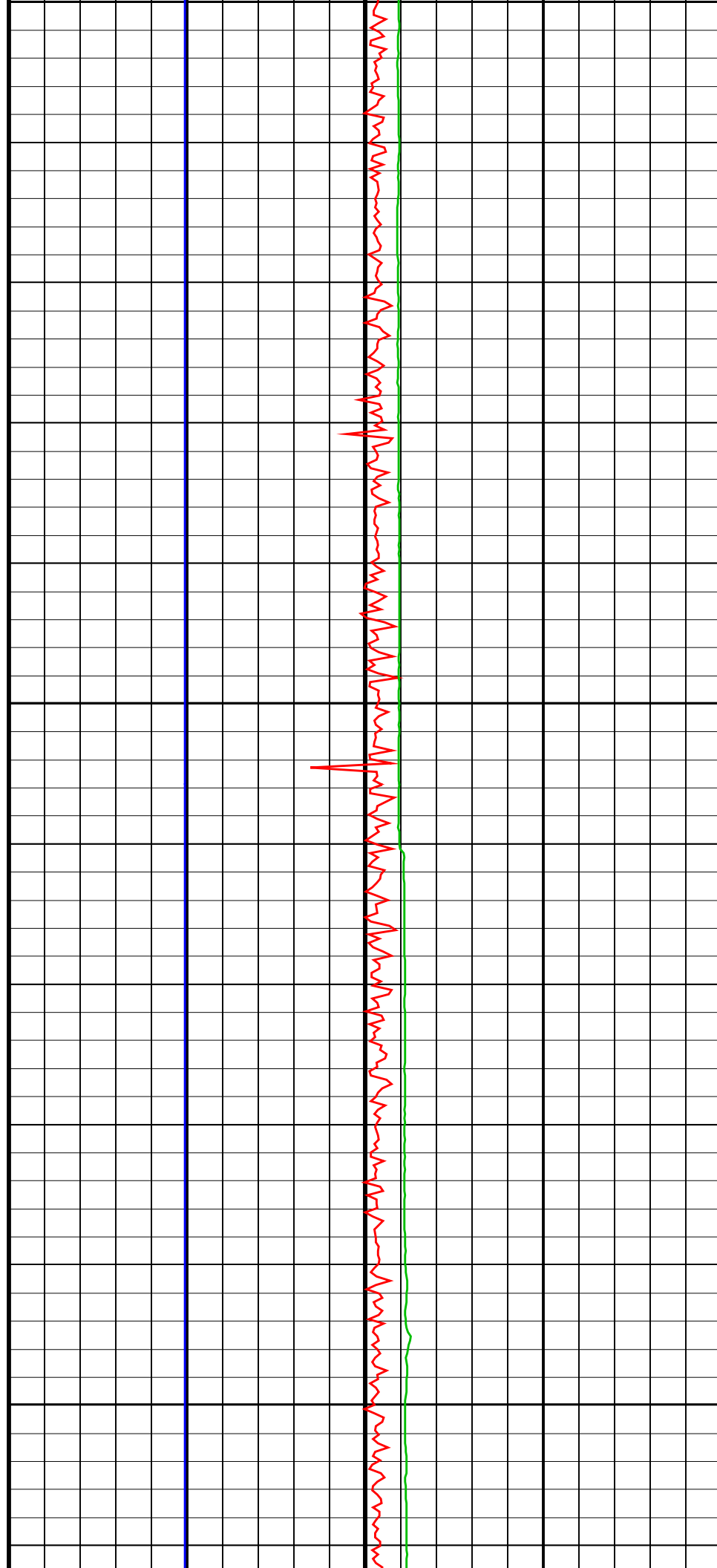


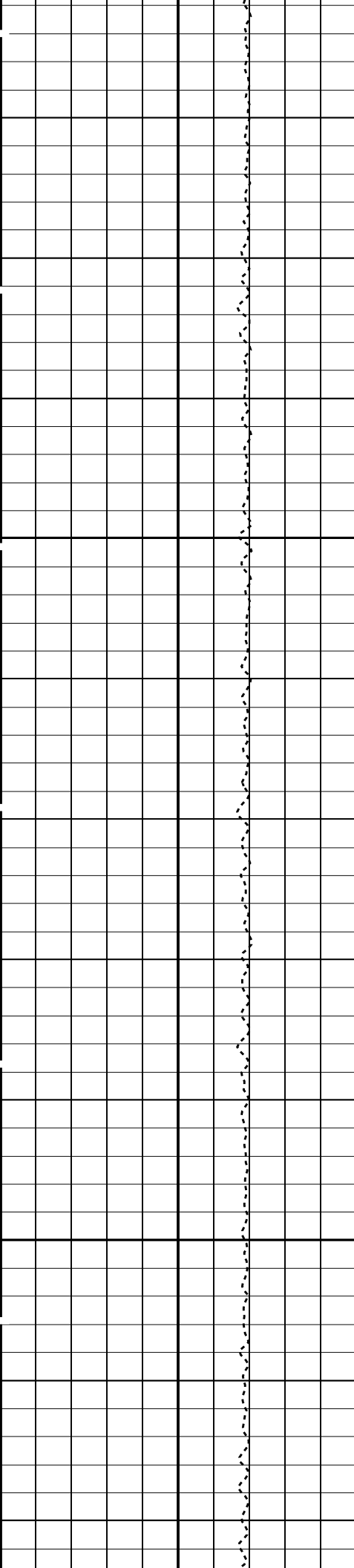


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1300

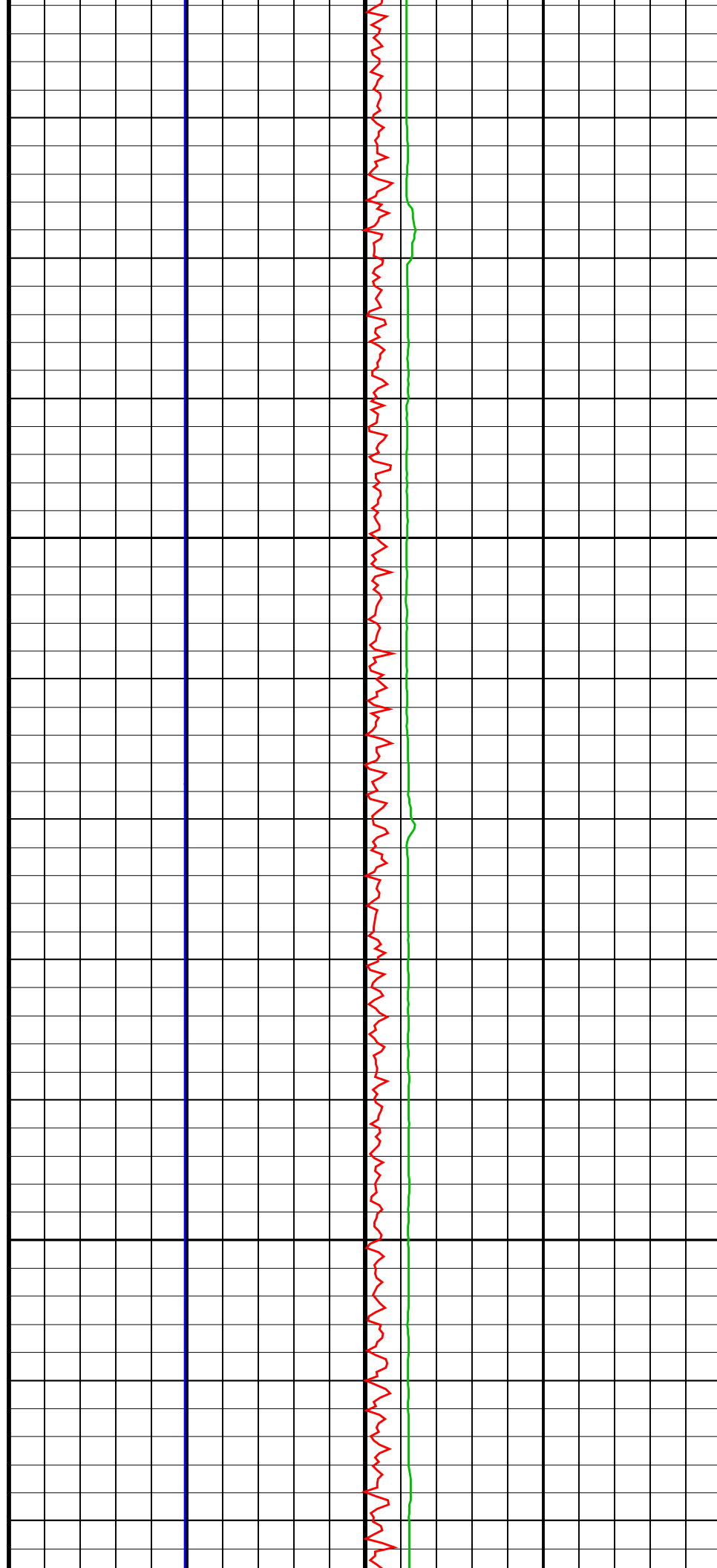
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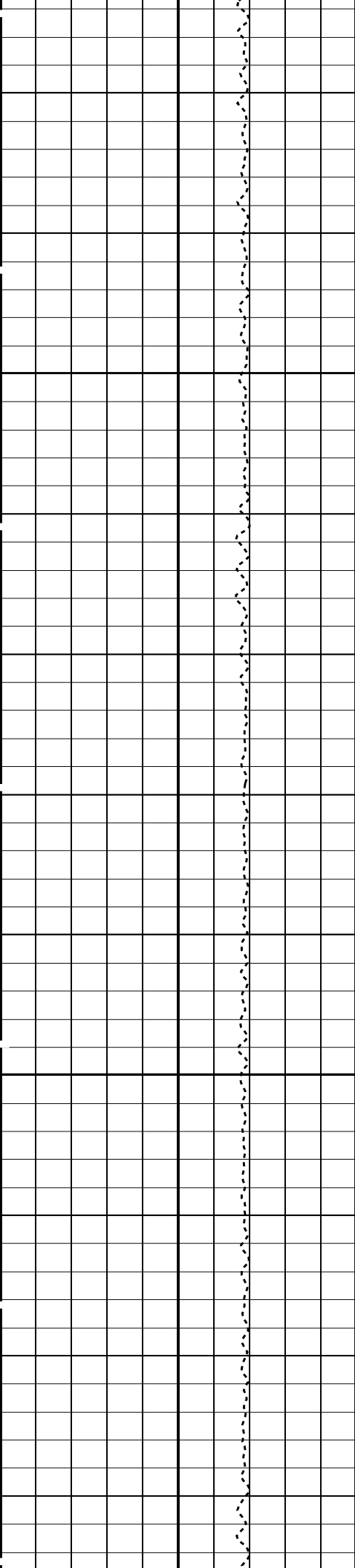




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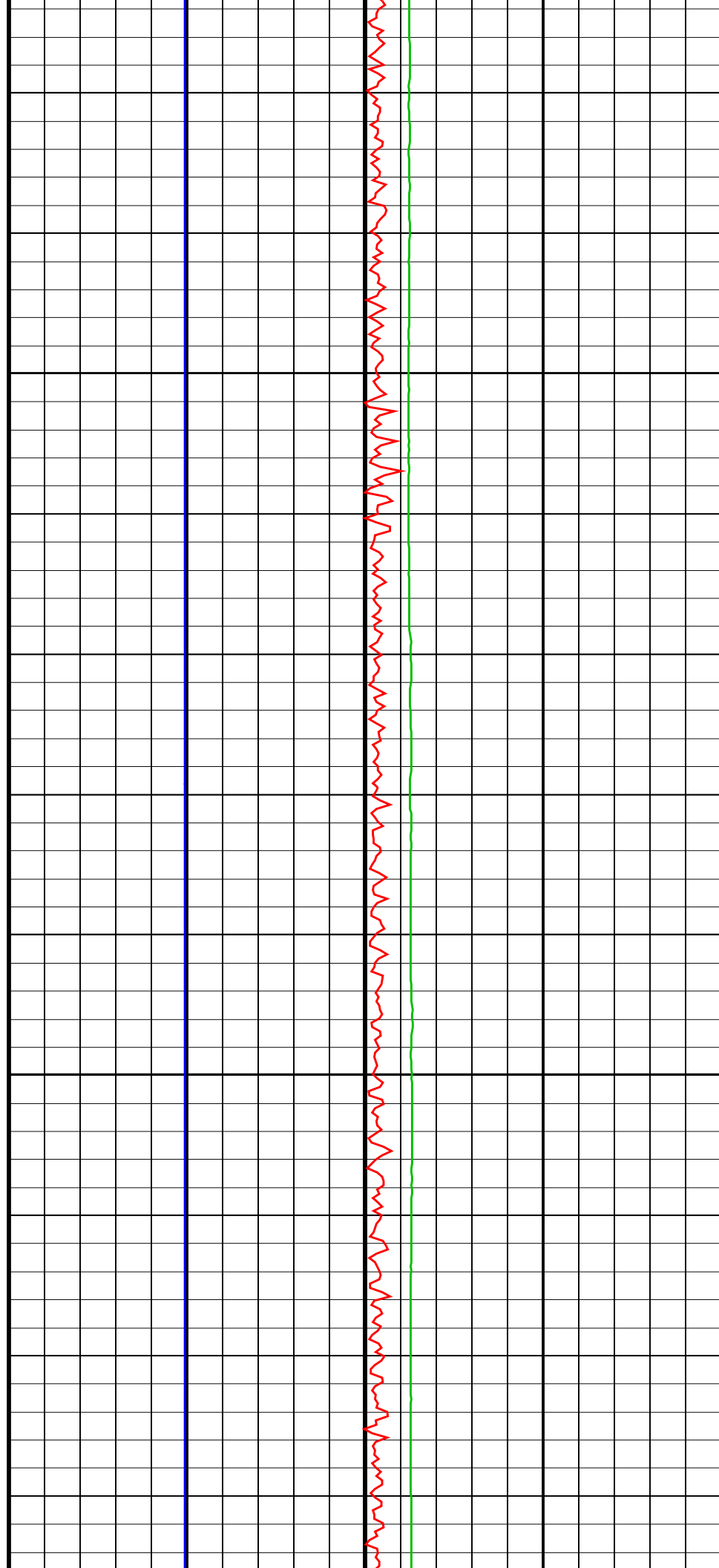
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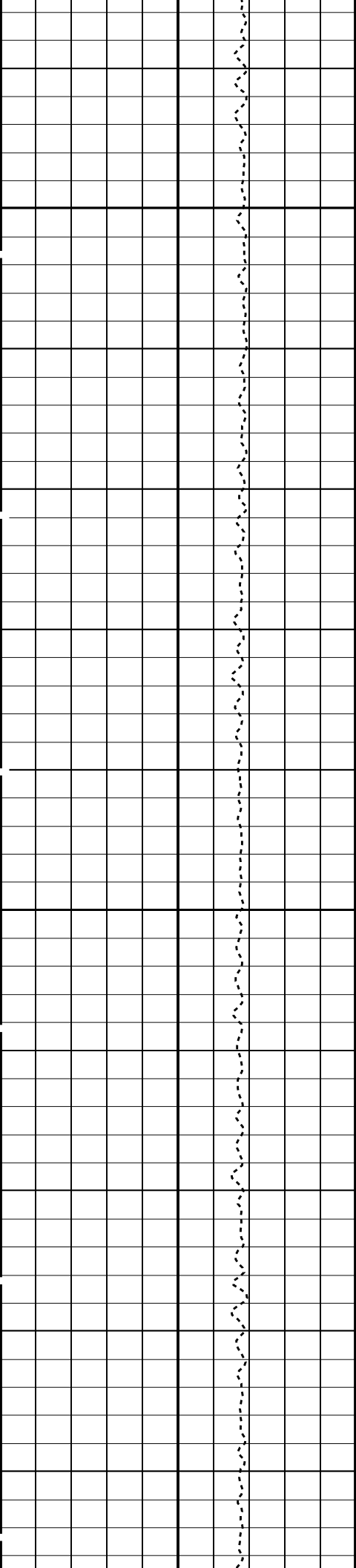




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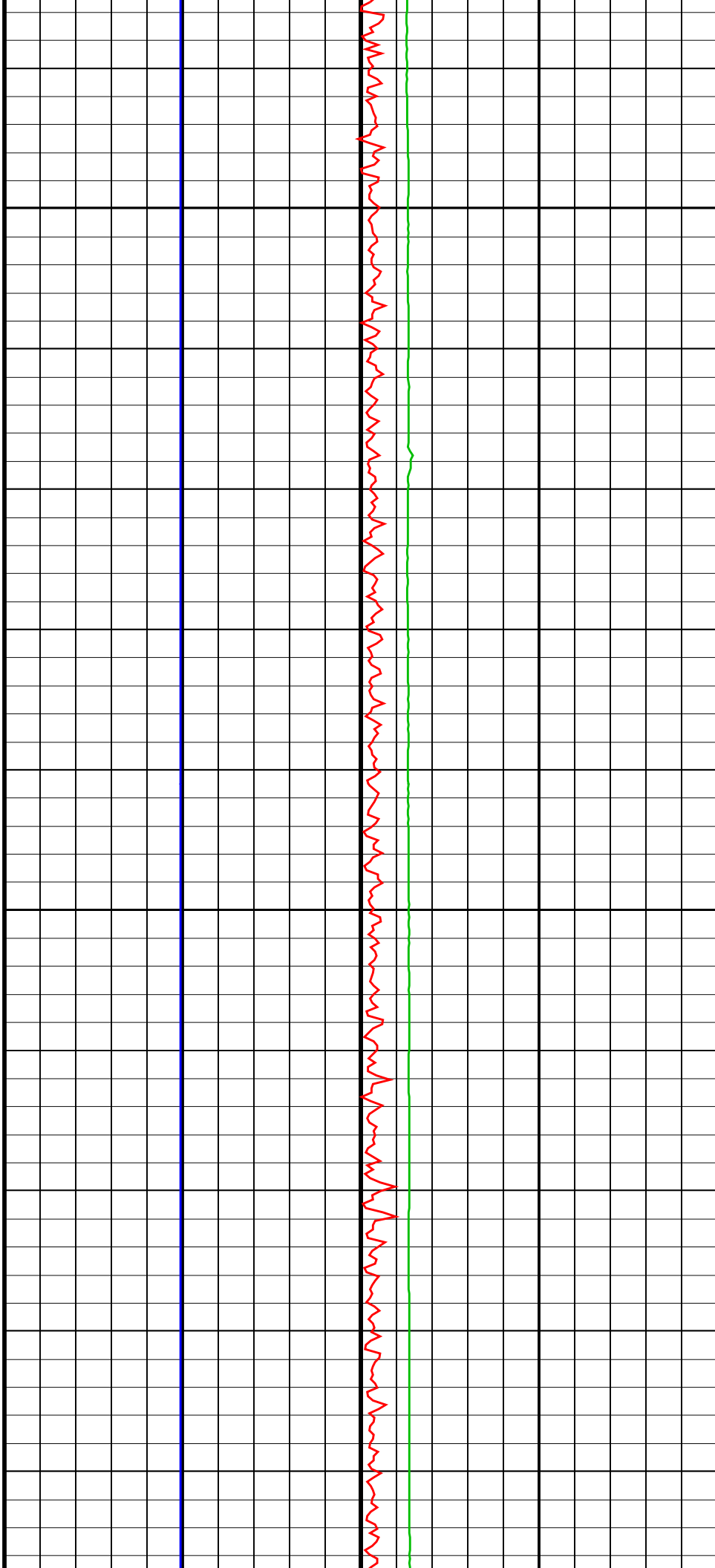
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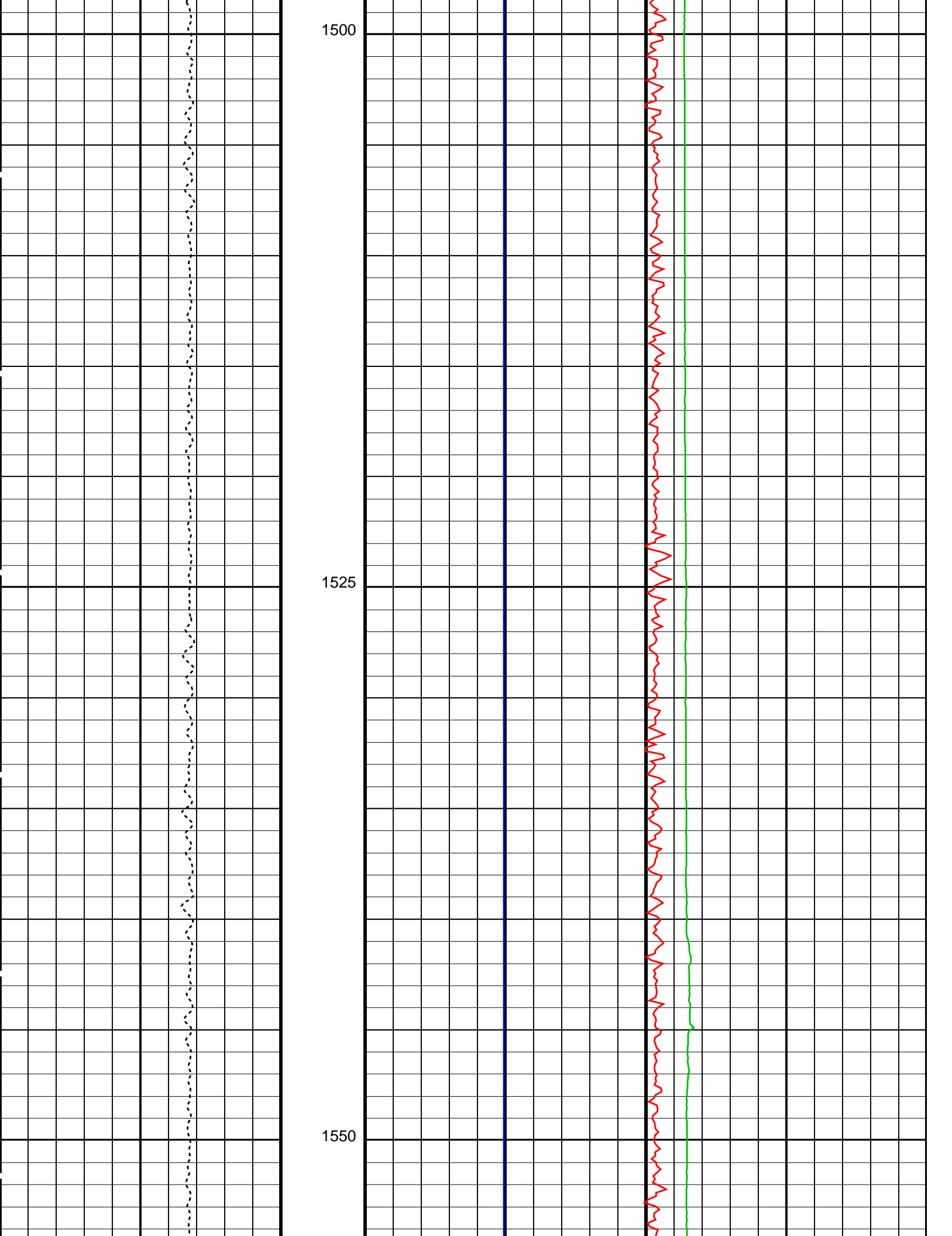


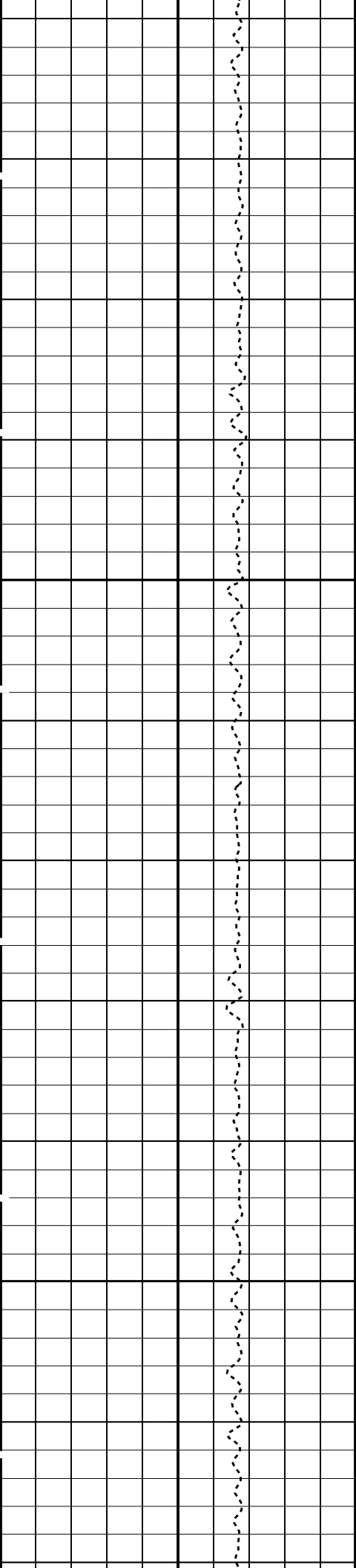


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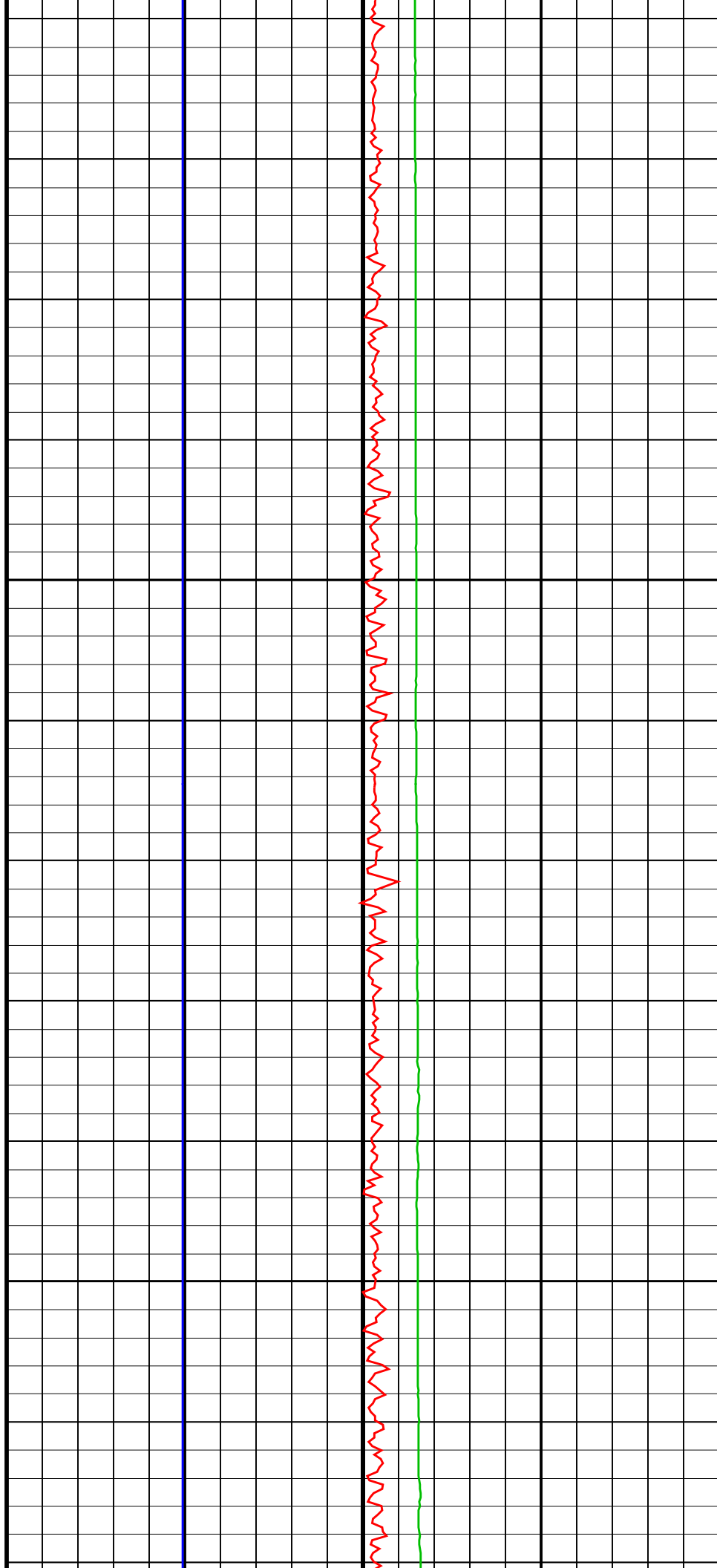


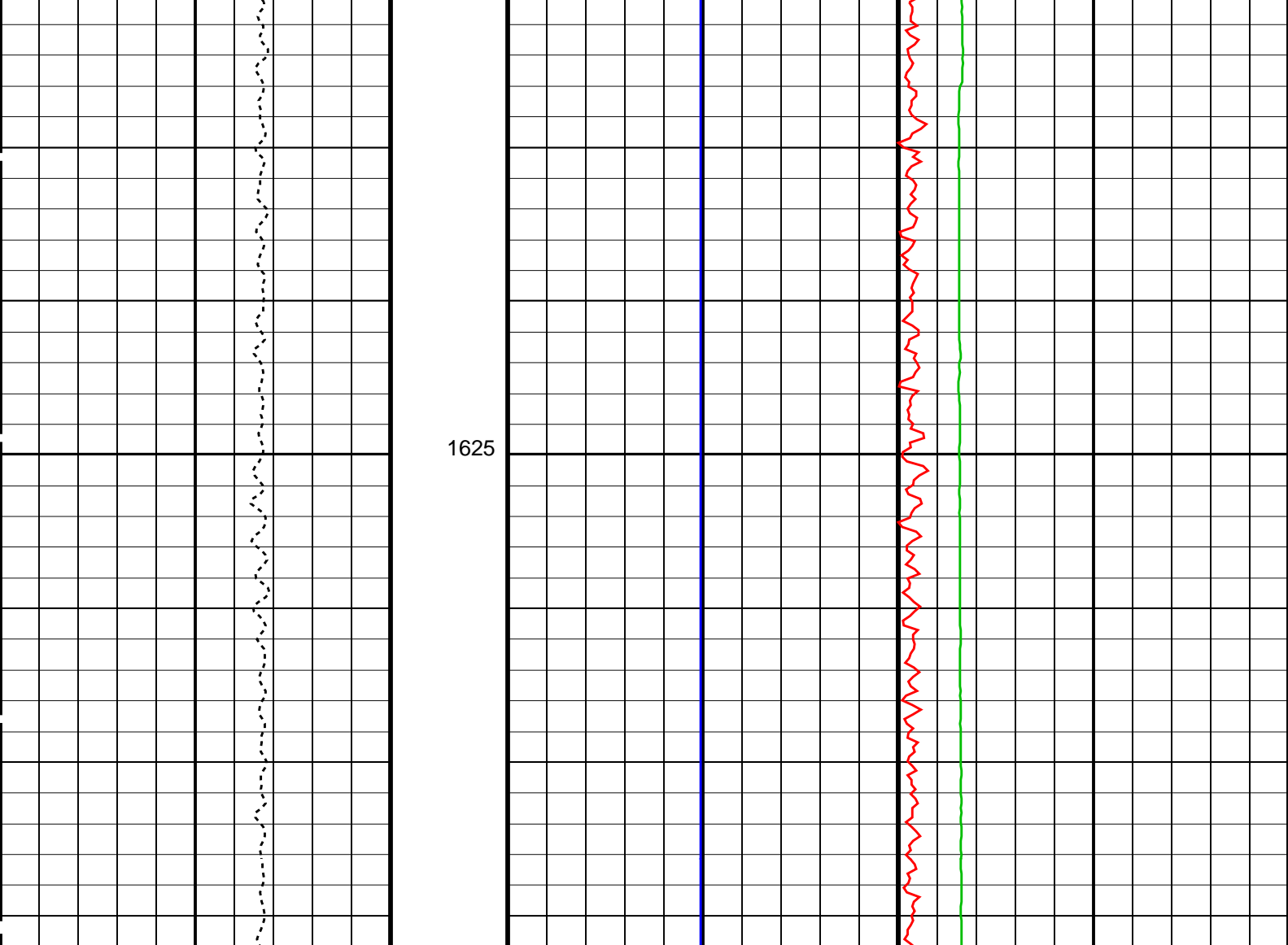




1575

1600





Tension (TENS) (LBF)		Axial Acceleration (MSSZACC_LDEO) (M/S2)	
10000	0	0	20
		High-Res Susceptibility (MSSHUSUS_LDEO) (PPM)	
		-10000	90000
		Dual-Coil Susceptibility (MSSLUSUS_LDEO) (PPM)	
		-10000	90000

PIP SUMMARY

 Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
System and Miscellaneous		
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	NORMAL

Format: MSS_Logging Vertical Scale: 1:200 Graphics File Created: 25-Sep-2023 08:25

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files

DEFAULT File: MSS_LDEO.DSL 0071 MB PRODUCED: 25-Sep-2023 05:57 1620.1 M 622.5 M



Repeat Pass

MAXIS Field Log

Company: International Ocean Discovery Program

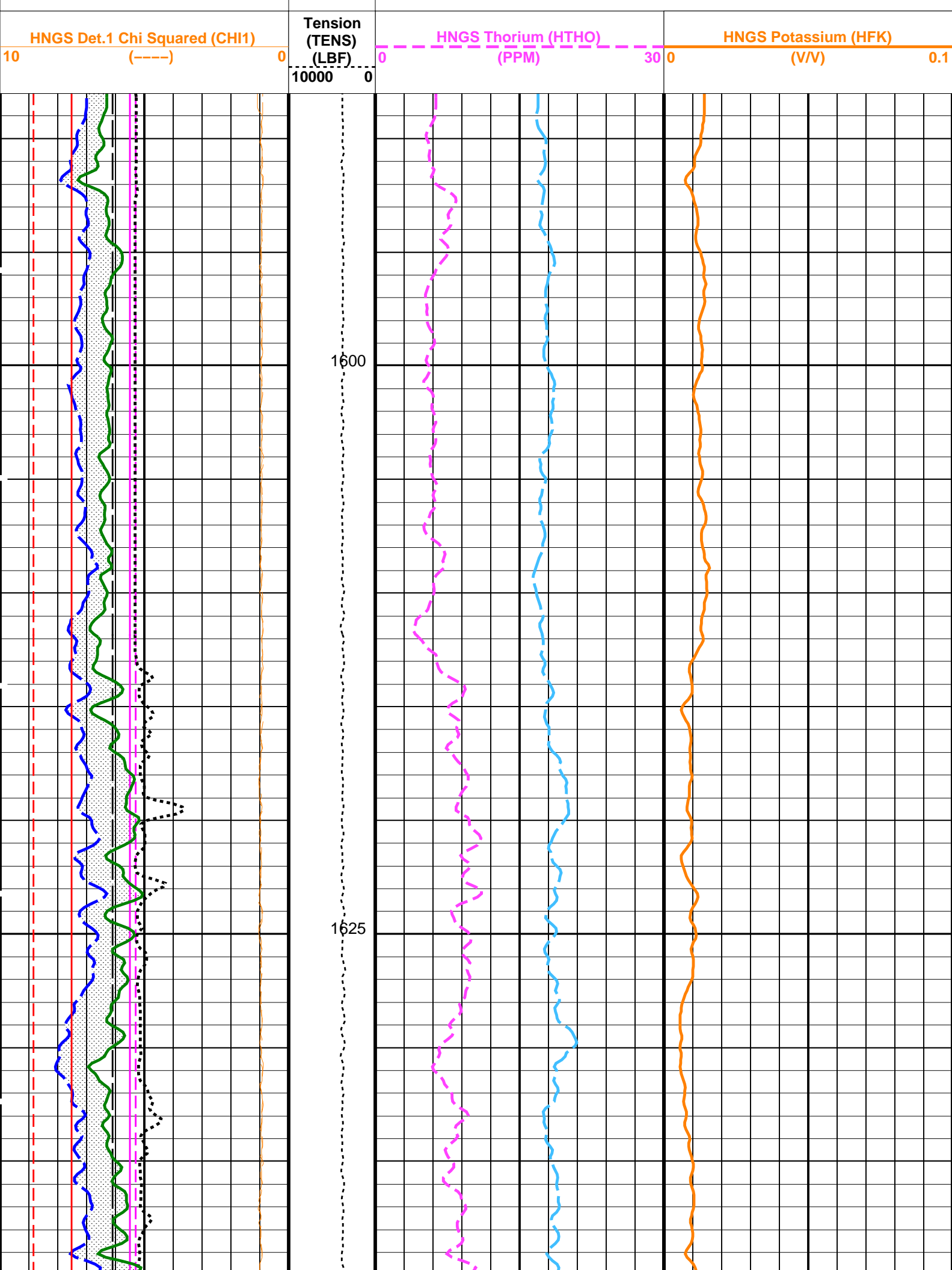
Well: Expedition 400, Site U1607A

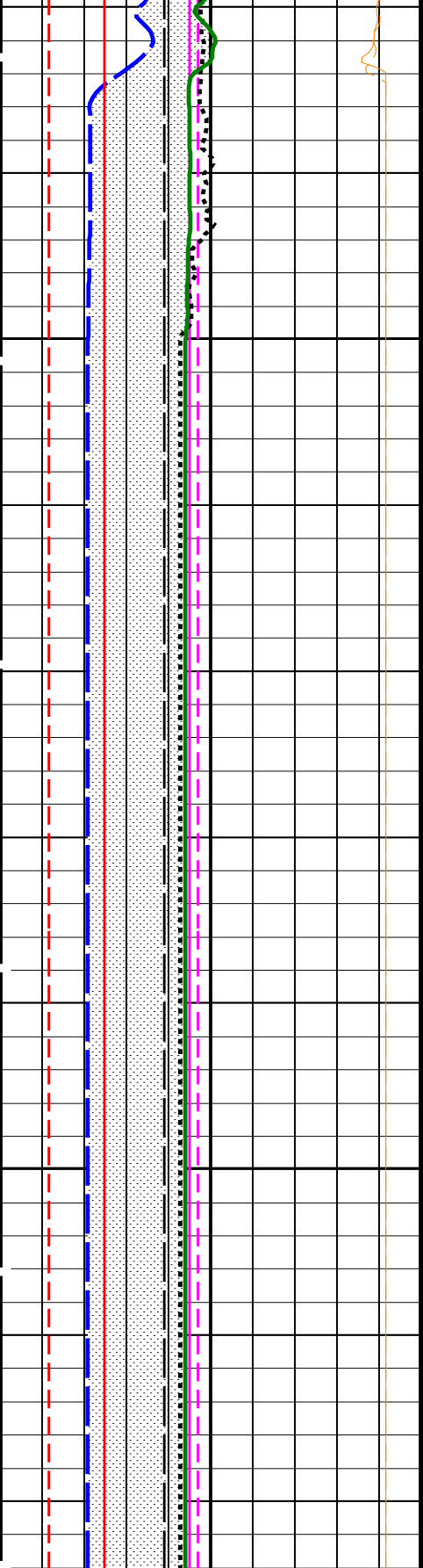
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_008LUP	FN:6	PRODUCER	25-Sep-2023 05:59	1687.1 M 1588.0 M
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187		DSST-B	19C0-187	
HRLT-B	19C0-187		HLDS	19C0-187	
LDSC-B	19C0-187		HNGC-B	19C0-187	
HNGS-BA	19C0-187		EDTC-B	19C0-187	

PIP SUMMARY

Time Mark Every 60 S		
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	150
HNGS Det.2 Resolution Degradation Factor (RDF2)		
0	(----)	10
HNGS Det.1 Resolution Degradation Factor (RDF1)		
0	(----)	10
HNGS Det.2 Gain Correction Factor (GCF2)		
0.9	(----)	1.1
HNGS Det.1 Gain Correction Factor (GCF1)		
0.9	(----)	1.1
Area1 From HCGR to HSGR		
HNGS Computed Gamma Ray (HCGR)		
0	(GAPI)	150
Caliper (LCAL)		
6	(IN)	16
Bit Size (BS)		
6	(IN)	16
HNGS Det.2 Chi Squared (CHI2)		
10	(----)	0

HNGS Borehole Potassium (HBHK)	
-0.05	0.05 (V/V)
HNGS Uranium (HURA)	
-10	30 (PPM)





HNGS Det.1 Chi Squared (CHI1)

10 0

HNGS Det.2 Chi Squared (CHI2)

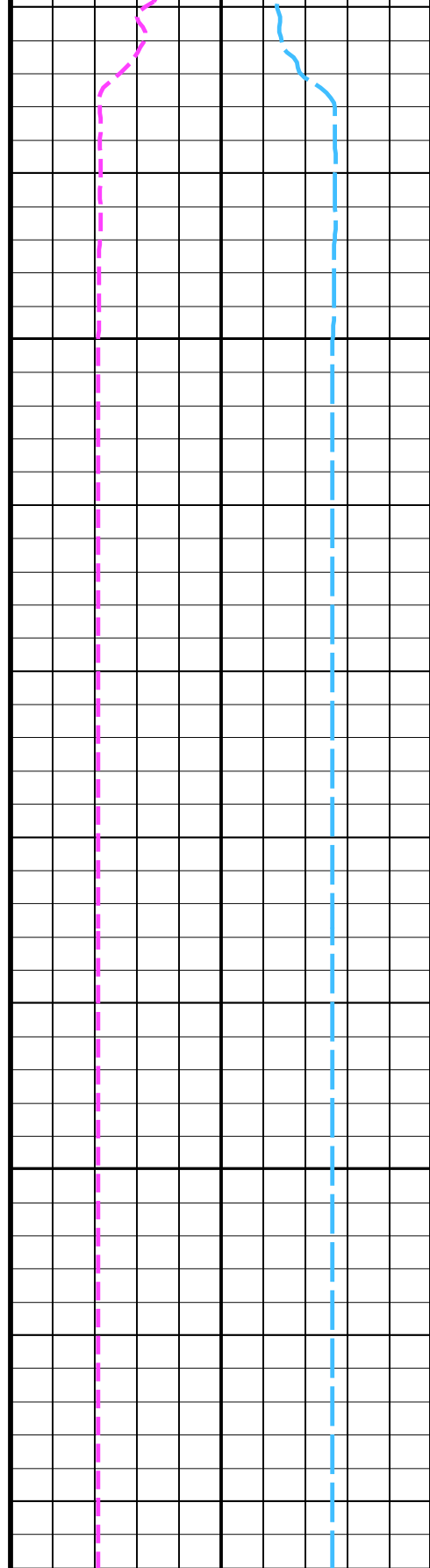
10 0

Bit Size (BS)
(IN)
6 16

Tension
(TENS)
(LBF)
10000 0

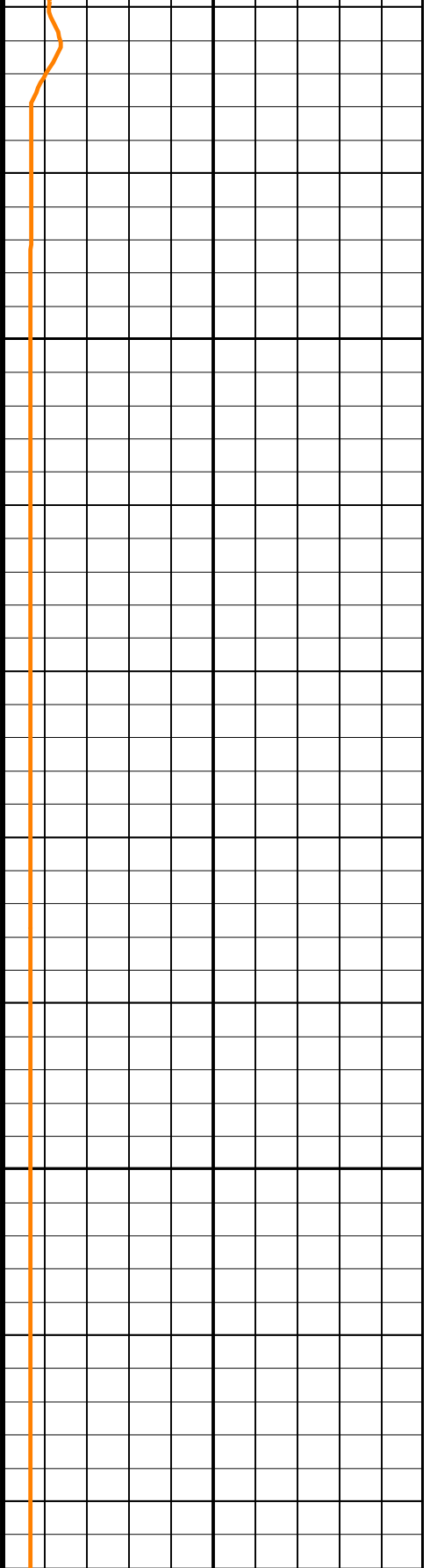
1650

1675



HNGS Thorium (HTHO)
(PPM)
0 30

HNGS Uranium (HURA)
(PPM)
-10 30



HNGS Potassium (HFK)
(V/V)
0 0.1

HNGS Borehole Potassium (HBHK)
(V/V)
-0.05 0.05

Caliper (LCAL)		
6	(IN)	16
HNCS Computed Gamma Ray (HCGR)		
0	(GAPI)	150
Area1 From HCGR to HSGR		
HNCS Det.1 Gain Correction Factor (GCF1)		
0.9	(----	1.1
HNCS Det.2 Gain Correction Factor (GCF2)		
0.9	(-----)	1.1
HNCS Det.1 Resolution Degradation Factor (RDF1)		
0	(----	10
HNCS Det.2 Resolution Degradation Factor (RDF2)		
0	(-----)	10
HNCS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	150

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	LCAL	
HRLT-B: High Resolution Laterolog Array – B			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
HNCS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNCS Detector 1 Barite Constant	1	
BAR2	HNCS Detector 2 Barite Constant	1	
BHK	HNCS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNCS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	LCAL	
H1P	HNCS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNCS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNCS Borehole Potassium Running Average	-0.0338331	
HALF	HNCS Alpha Filter Length	60	IN
HCRB	HNCS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNCS Processing Enable	YES	
S1BI	HNCS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNCS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNCS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	ECCE	
VBA1	HNCS Detector 1 Variable Barite Factor Running Average	1.04807	
VBA2	HNCS Detector 2 Variable Barite Factor Running Average	0.968602	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	9.00	LB/G

Format: HNCSYields Vertical Scale: 1:200 Graphics File Created: 25-Sep-2023 05:59

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files					
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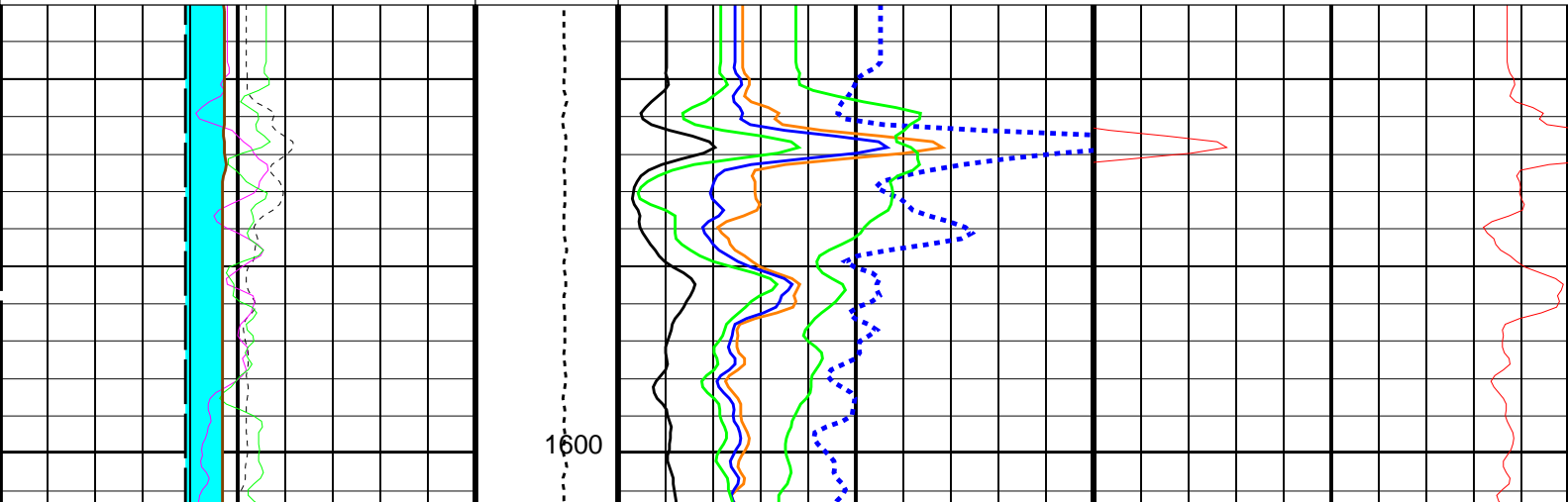
Company: International Ocean Discovery Program	Well: Expedition 400, Site U1607A
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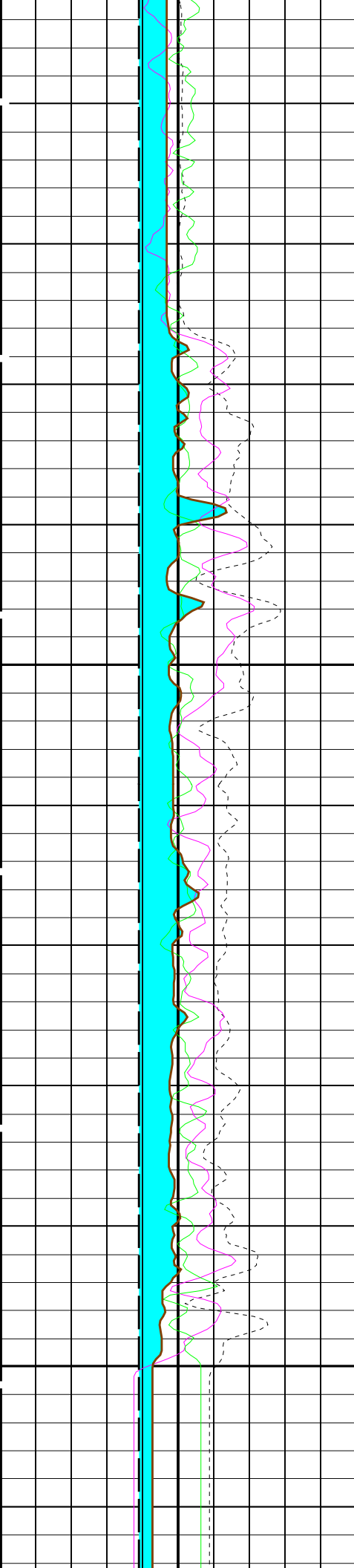
Output DLIS Files					
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OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

PIP SUMMARY	
Time Mark Every 60 S	

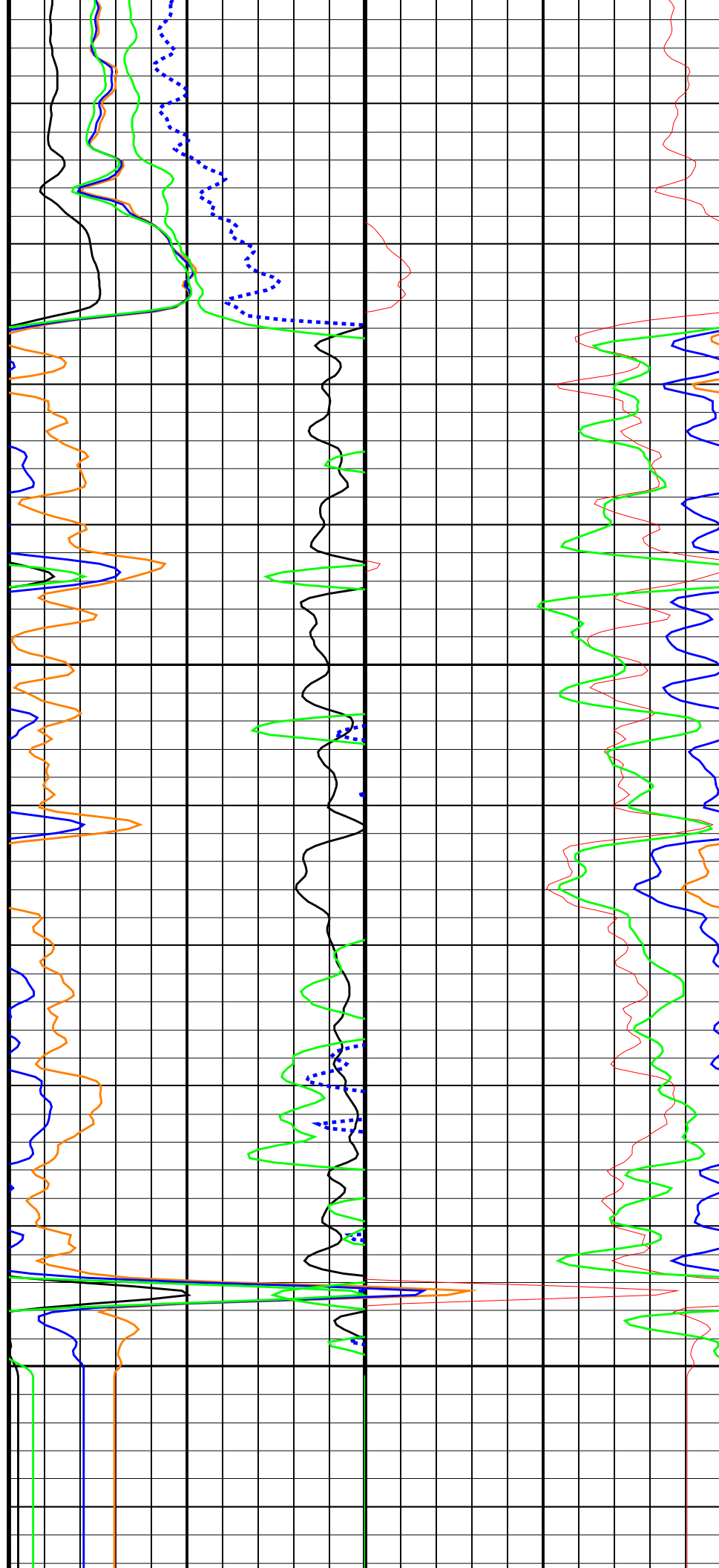
HLDS Long Spacing Quality Indicator (LQLS)		HLDS Short Spaced Bulk Density (RHS)	
-0.25	(-----) 0.25	2	3
HLDS Short Spacing Quality Indicator (LQSS)		HLDS Long Spaced Photoelectric Effect (PEFL)	
-0.25	(-----) 0.25	0	10
Washout From BS to HLDS_CALIPER		HLDS Short Spaced Photoelectric Effect (PEFS)	
Mudcake From HLDS_CALIPER to BS		0	10
HLDS Caliper (LCAL)		HLDS Long Spaced Bulk Density (RHL)	
6	(IN) 16	2	3
Bit Size (BS)		HLDS SS2 Density (RHS3)	
6	(IN) 16	2	3
HLDS Bulk Density Correction (DRH)		HLDS Density Porosity (DPO)	
-0.25	(G/C3) 0.25	2	3
Tension (TENS) (LBF)		HLDS Bulk Density (RHOM)	
10000	0	2	3

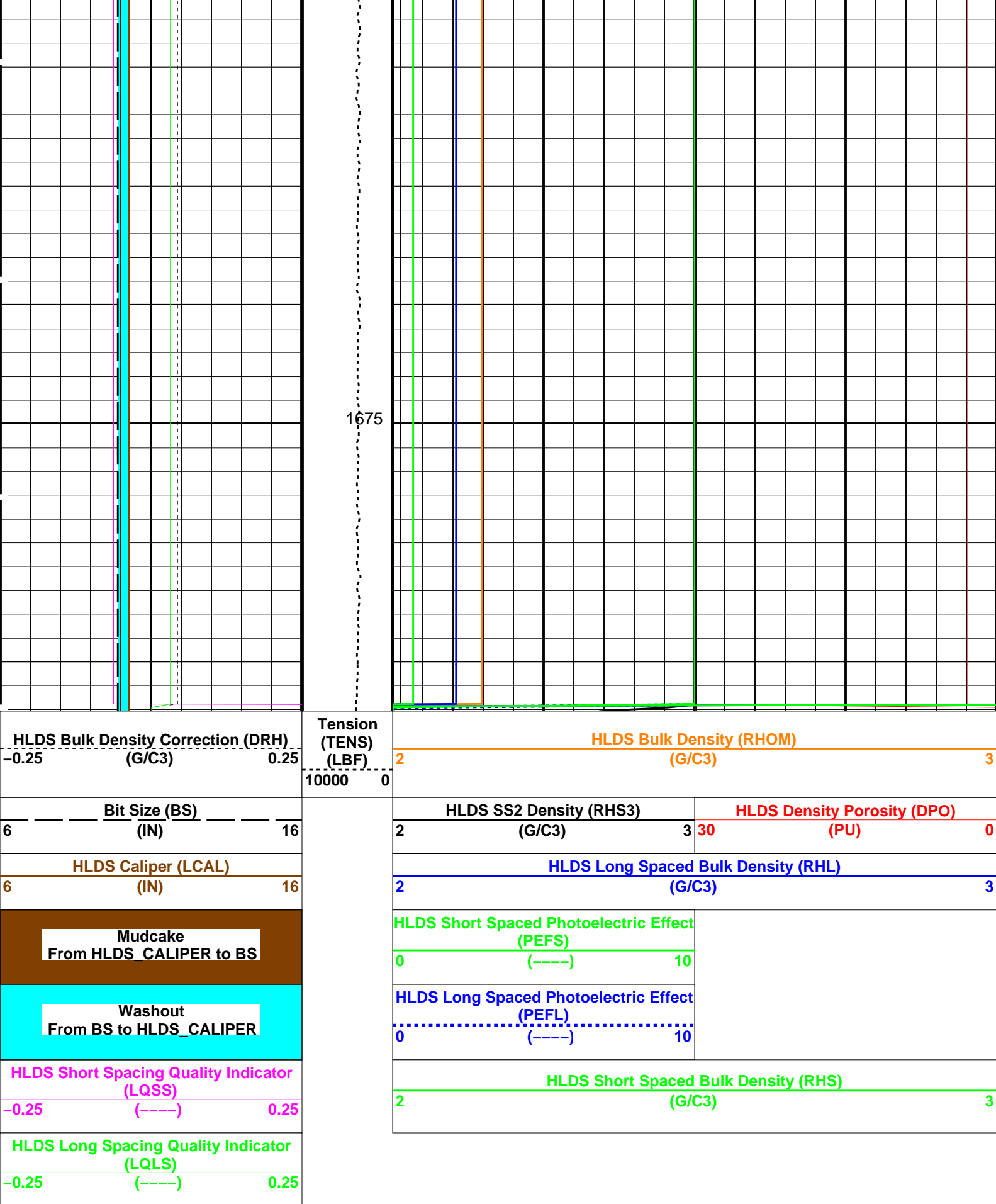




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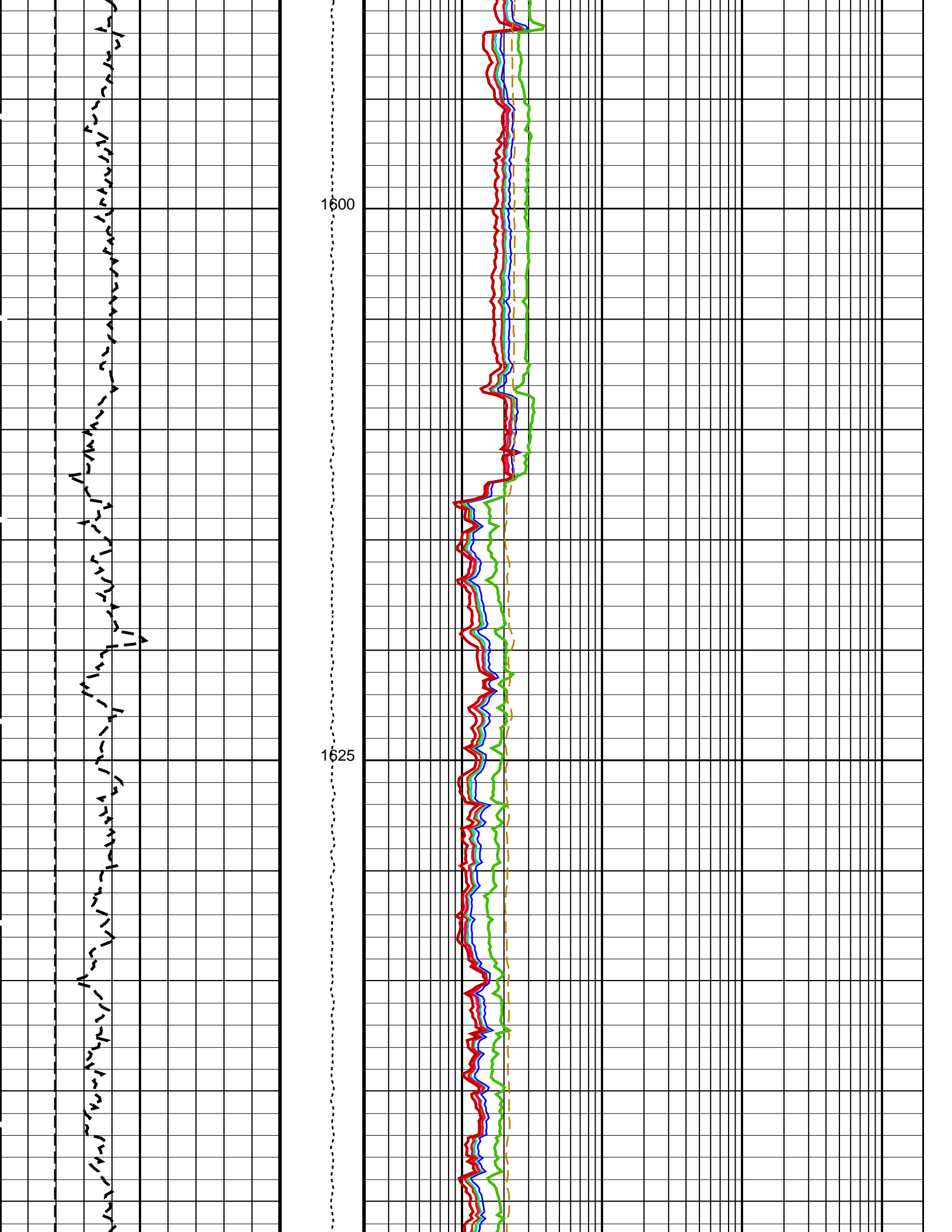
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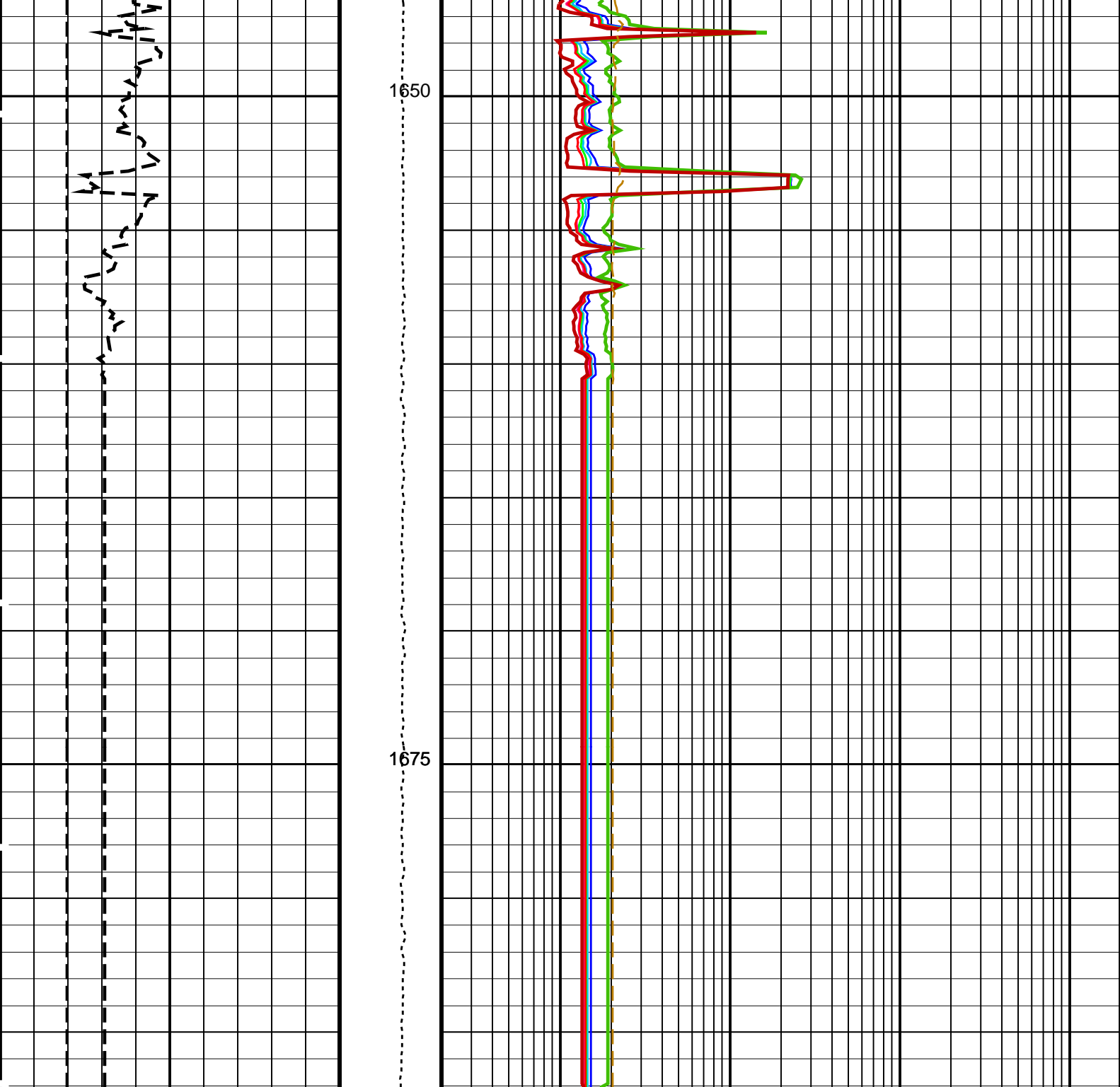




PIP SUMMARY		
Time Mark Every 60 S		
Parameters		
DLIS Name	Description	Value

<div> <div> Invasion Diameter (DI_HRLT) (IN) </div> <div> Bit Size (BS) (IN) </div> </div>		<div> HRLT True Resistivity (RT_HRLT) (OHMM) </div>	
		<div> Invaded Zone Resistivity (RXO_HRLT) (OHMM) </div>	
		<div> HRLT Mud Resistivity (RM_HRLT) (OHMM) </div>	
		<div> HRLT Resistivity 5 (RLA5) (OHMM) </div>	
		<div> HRLT Resistivity 4 (RLA4) (OHMM) </div>	
		<div> HRLT Resistivity 3 (RLA3) (OHMM) </div>	
		<div> HRLT Resistivity 2 (RLA2) (OHMM) </div>	
		<div> HRLT Resistivity 1 (RLA1) (OHMM) </div>	
<div> Tension (TENS) (LBF) </div>			





Bit Size (BS) (IN)	Tension (TENS) (LBF)	HRLT Resistivity 1 (RLA1) (OHMM)
6	10000	0.2
26	0	2000
Invasion Diameter (DI_HRLT) (IN)		HRLT Resistivity 2 (RLA2) (OHMM)
0		0.2
50		2000
		HRLT Resistivity 3 (RLA3) (OHMM)
		0.2
		2000
		HRLT Resistivity 4 (RLA4) (OHMM)
		0.2
		2000
		HRLT Resistivity 5 (RLA5) (OHMM)
		0.2
		2000
		HRLT Mud Resistivity (RM_HRLT) (OHMM)
		0.02
		200

	Invaded Zone Resistivity (RXO_HRLT)	
0.2	(OHMM)	2000
	HRLT True Resistivity (RT_HRLT)	
0.2	(OHMM)	2000

PIP SUMMARY		
Time Mark Every 60 S		

Parameters			
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
HRLT-B: High Resolution Laterolog Array – B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
PROCI NV	Inversion Selection	ON	
PROCMFL	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	0	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSP0	Sonde Position	Centered	
SHT	Surface Hole Temperature	68	DEGF
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
EDTC-B: Enhanced DTS Cartridge			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
System and Miscellaneous			
BS	Bit Size	9.875	IN
MST	Mud Sample Temperature	23.00	DEGC
TD	Total Depth	10190.3	FT

Format: HRLT	Vertical Scale: 1:200	Graphics File Created: 25-Sep-2023 05:59
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OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

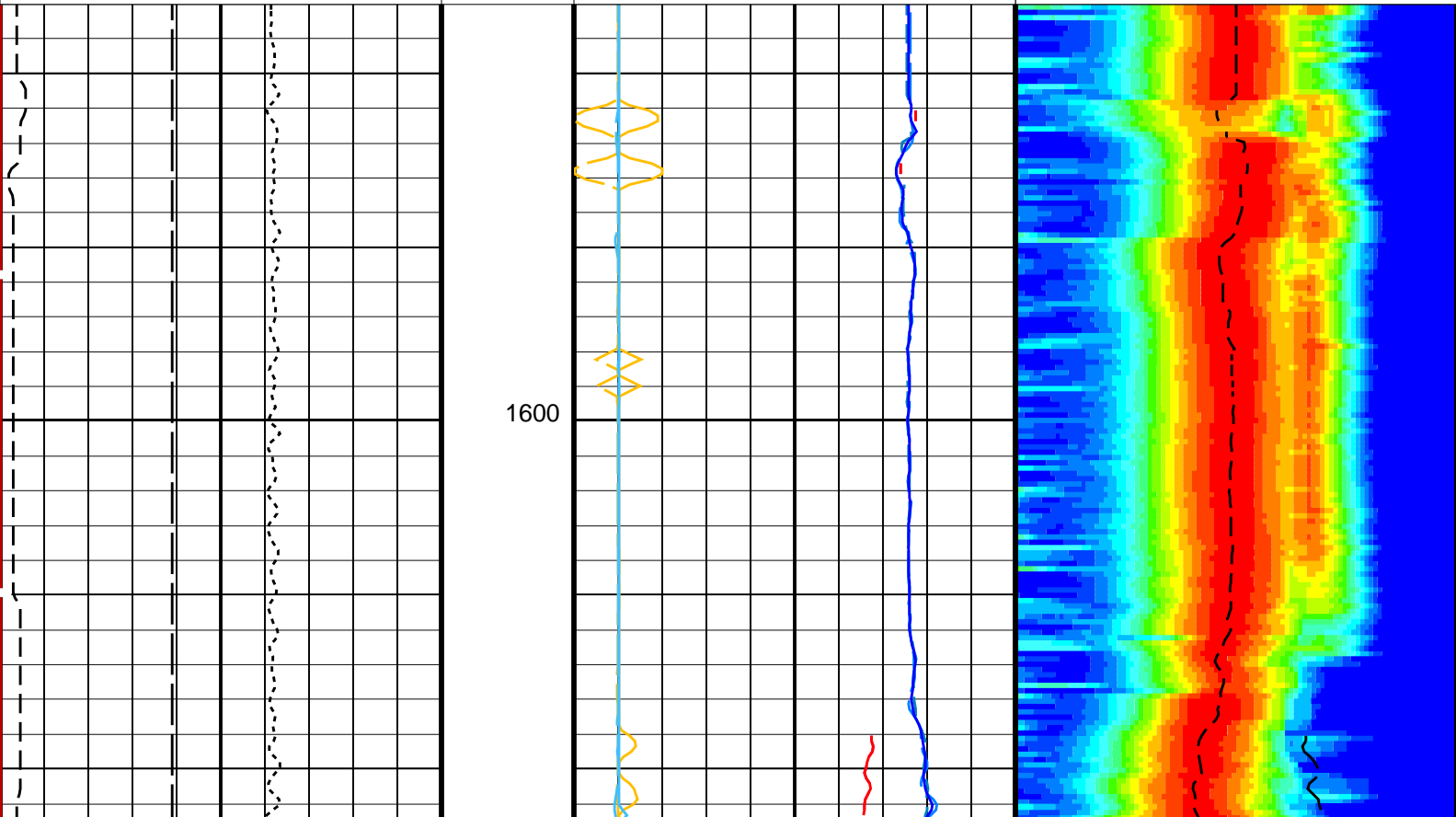
Output DLIS Files				
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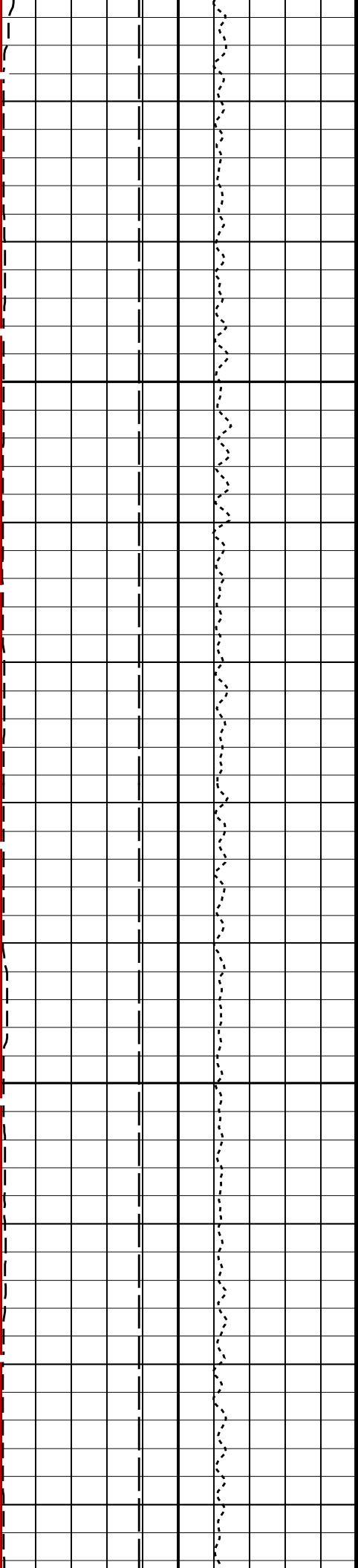
Company: International Ocean Discovery Program		Well: Expedition 400, Site U1607A	
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Output DLIS Files						
DEFAULT	MSS_LDEO_DSI_HRLA_008LUP	FN:6	PRODUCER	25-Sep-2023 05:59	1687.1 M	1588.0 M

OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187

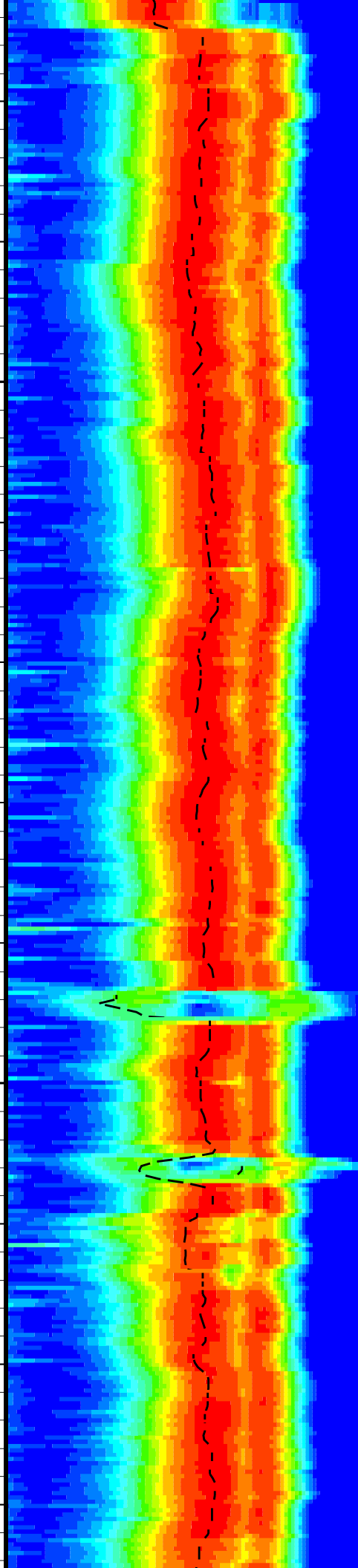
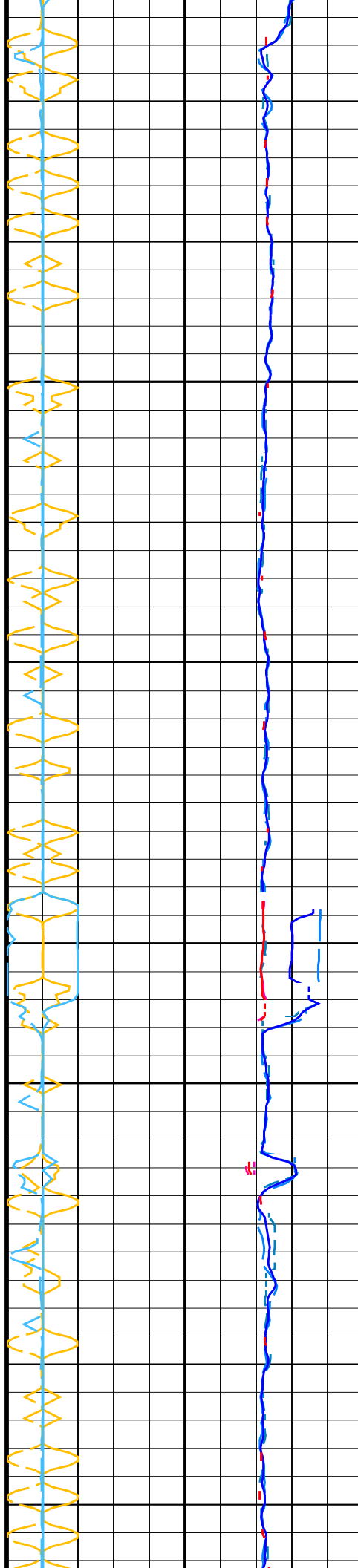
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HRLT-B	19C0-187	HLDS	19C0-187	
LDSC-B	19C0-187	HNGC-B	19C0-187	
HNGS-BA	19C0-187	EDTC-B	19C0-187	
PIP SUMMARY				
Time Mark Every 60 S				
		Delta-T Shear - P & S (DT4S)		
		440	(US/F)	40
		Delta-T Shear / TA - P & S (DTTS)		
		440	(US/F)	40
		Delta-T 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 (DTTP)		
		440	(US/F)	40
		Delta-T Comp / RA - P & S (DTRP)		
		440	(US/F)	40
Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)		Peak Coherence / TA - P & S Shear (CHTS)		
0	(-----)	-1	(-----)	9
Tension (TENS)		Peak Coherence / RA - P & S Shear (CHRS)		Min Amplitude Max
10000	(LBF)	-1	(-----)	9
SAM4 Waveform Gain (WFG4)		Peak Coherence / TA - P & S Comp (CHTP)		Rec.Array P&S Slow Proj. CVDL (SPR4)
0	(-----)	0	(-----)	10
Bit Size (BS)		Peak Coherence / RA - P & S Comp (CHRP)		40
6	(IN)	0	(-----)	10
		Delta-T Shear / RA - P & S (DTRS)		40
		Delta-T Comp / RA - P & S (DTRP)		240

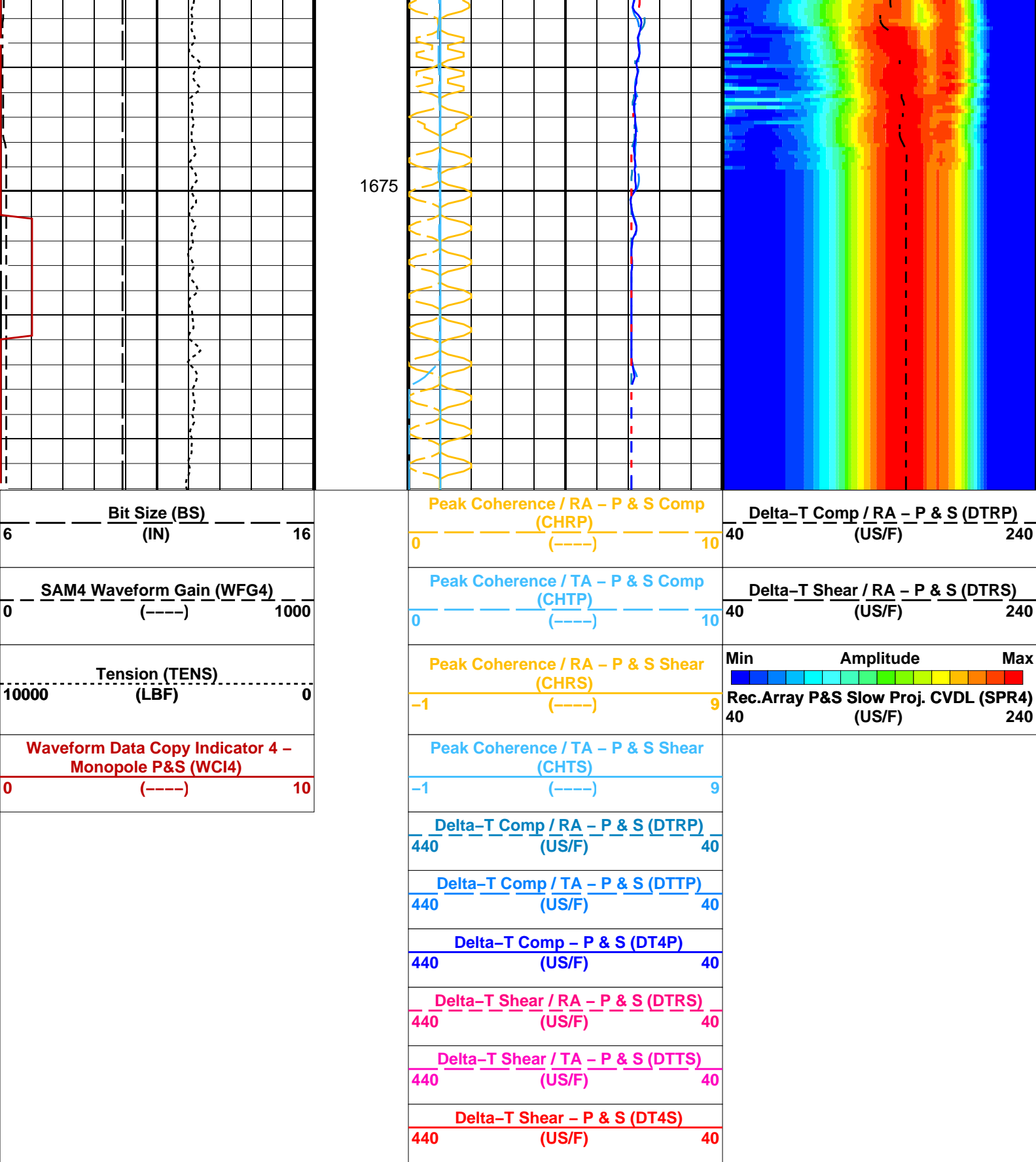




1625

1650





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
COLL	Label Slowness Upper Limit - Monopole P&S Compressional	180 US/F

DDE4	Label Slowness Upper Limit – Monopole P&S	100	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	189	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	LFD_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	B3–12K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	75	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	180	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	
WFM4	Waveform Mode 4	W1	
BHS	HRLT–B: High Resolution Laterolog Array – B Borehole Status	OPEN	
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

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25–Sep–2023 05:59

OP System Version: 19C0–187

MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 25–Sep–2023 05:59

Company: International Ocean Discovery Program Well: Expedition 400, Site U1607A

Output DLIS Files

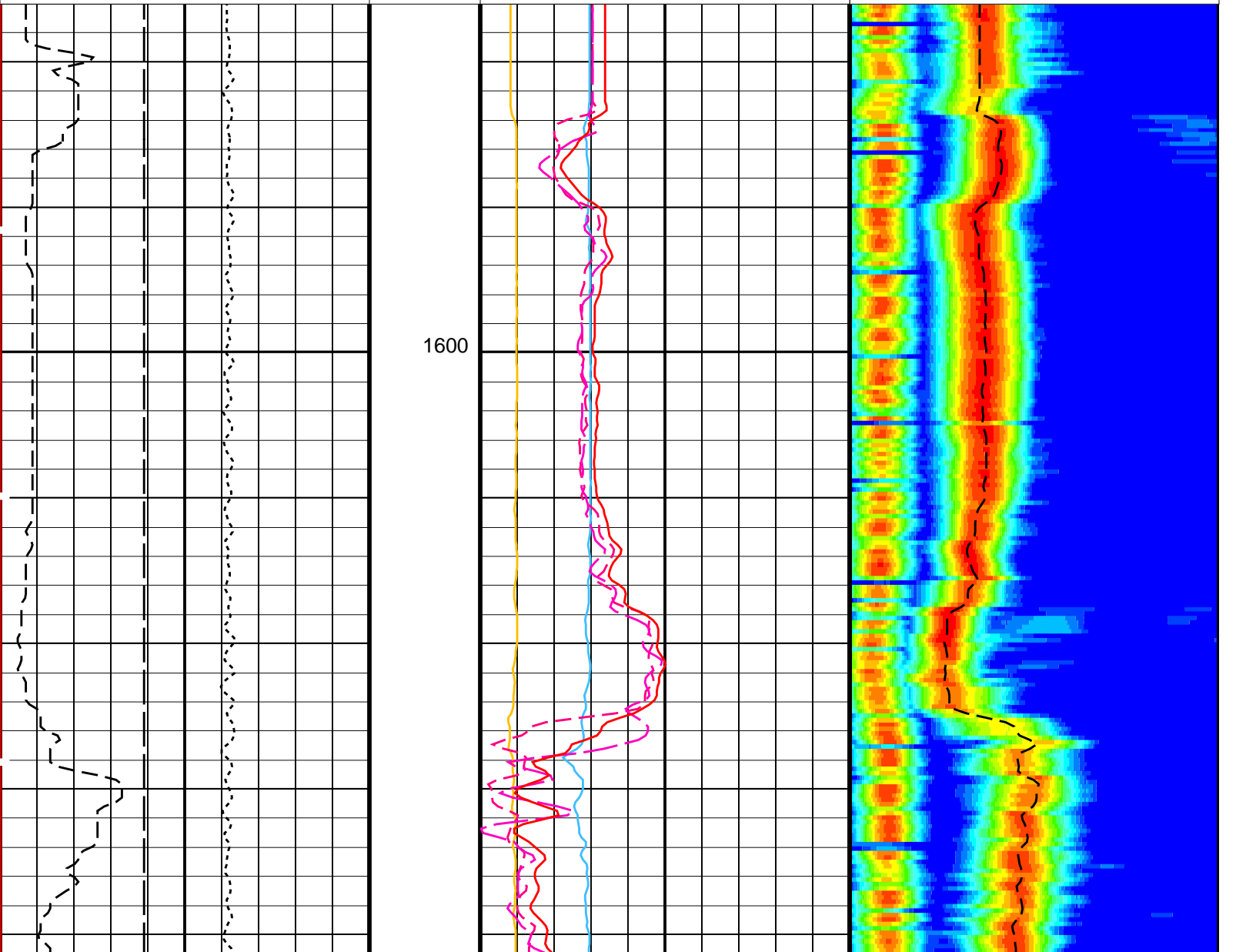
DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 25–Sep–2023 05:59 1687.1 M 1588.0 M

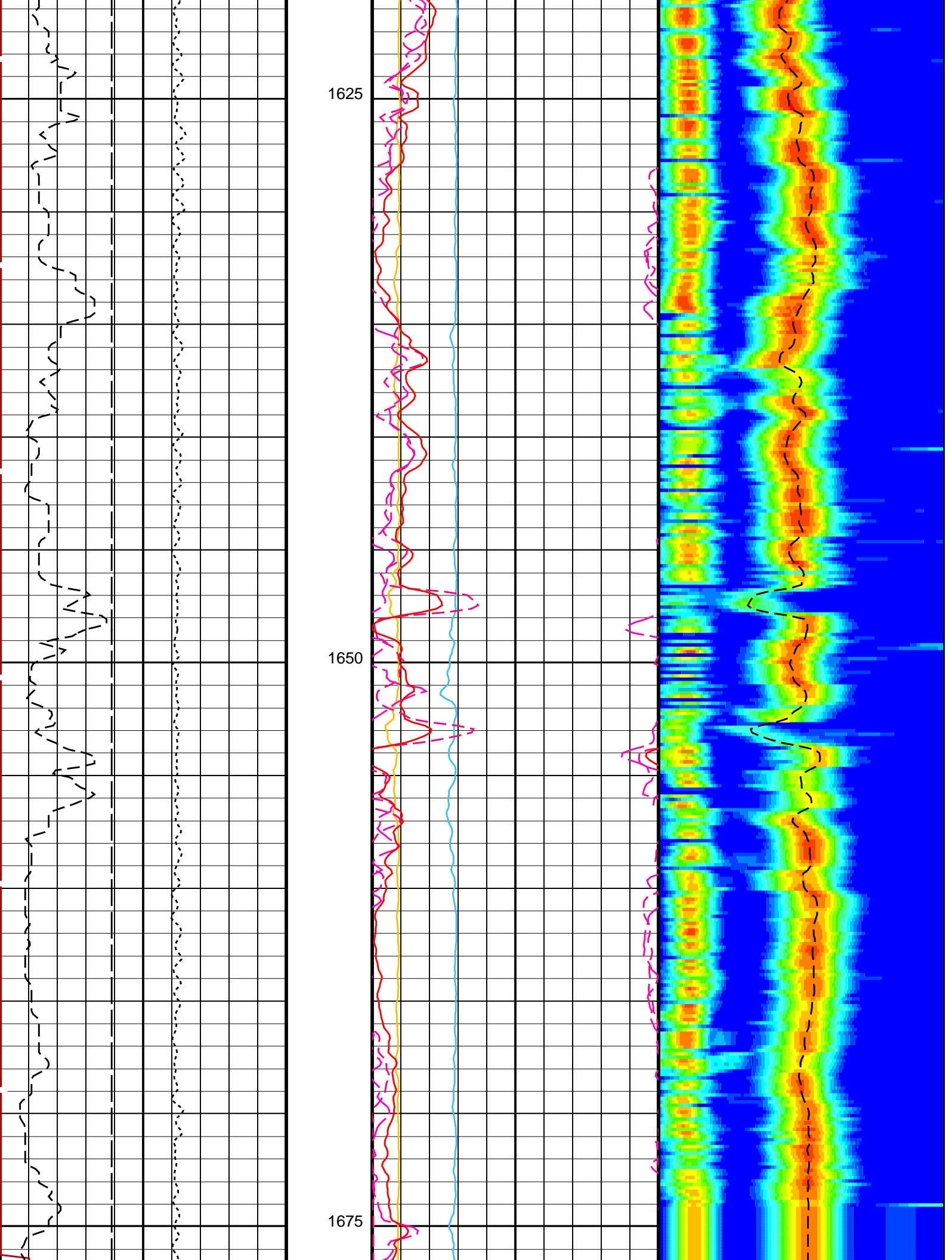
OP System Version: 19C0–187

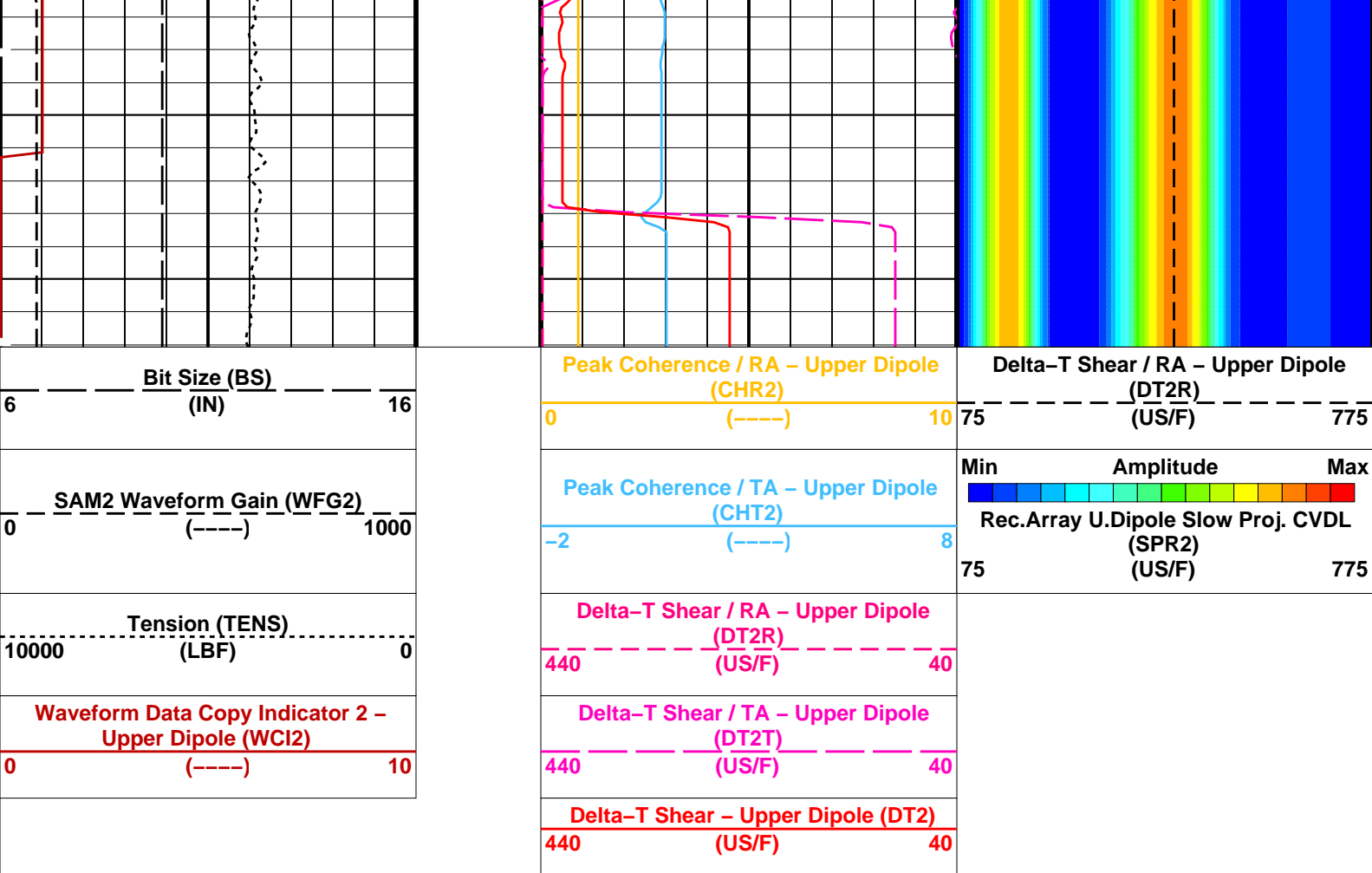
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HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY			
Time Mark Every 60 S			

<div>Waveform Data Copy Indicator 2 – Upper Dipole (WCI2)</div> <div>0 (----) 10</div> <div>Tension (TENS)</div> <div>10000 (LBF) 0</div> <div>SAM2 Waveform Gain (WFG2)</div> <div>0 (----) 1000</div> <div>Bit Size (BS)</div> <div>6 (IN) 16</div>	<div>Delta–T Shear – Upper Dipole (DT2)</div> <div>440 (US/F) 40</div>		<div><div>MinAmplitudeMax</div><div>Rec.Array U.Dipole Slow Proj. CVDL (SPR2)</div><div>75 (US/F) 775</div></div> <div>Delta–T Shear / RA – Upper Dipole (DT2R)</div> <div>75 (US/F) 775</div>
	<div>Delta–T Shear / TA – Upper Dipole (DT2T)</div> <div>440 (US/F) 40</div>		
	<div>Delta–T Shear / RA – Upper Dipole (DT2R)</div> <div>440 (US/F) 40</div>		
	<div>Peak Coherence / TA – Upper Dipole (CHT2)</div> <div>–2 (----) 8</div>		
	<div>Peak Coherence / RA – Upper Dipole (CHR2)</div> <div>0 (----) 10</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	75 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	775 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	B1-3K
SLL2	STC Slowness Lower Limit - Upper Dipole	75 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	775 US/F
SWD2	STC Slowness Width - Upper Dipole	40 US/F
TBF2	STC Time for Baseline Fill - Upper Dipole	0 US
TLA2	STC Time Lower Limit - 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	15525	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
WFM2	Waveform Mode 2	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Sep-2023 05:59

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files

DEFAULT	MSS_LDEO_DSI_HRLA_008LUP	FN:6	PRODUCER	25-Sep-2023 05:59
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Company: International Ocean Discovery Program Well: Expedition 400, Site U1607A

Output DLIS Files

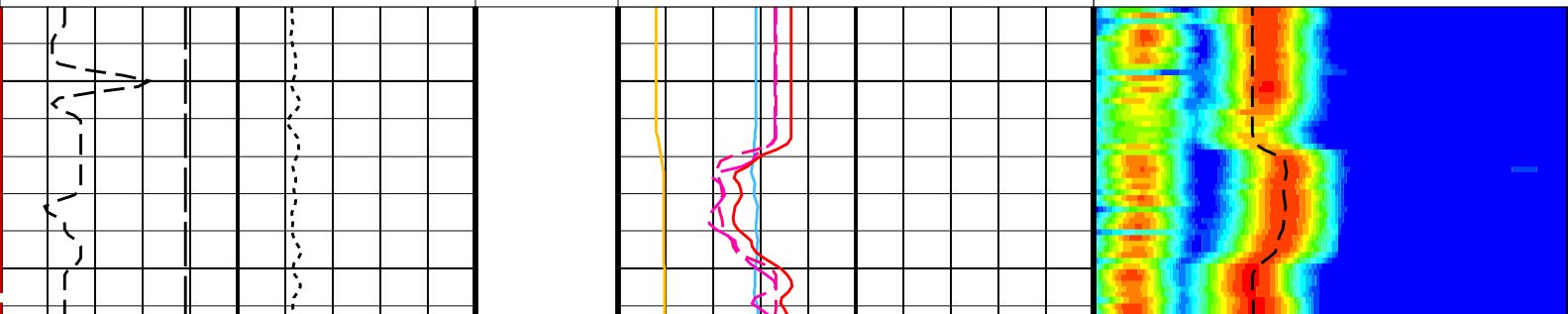
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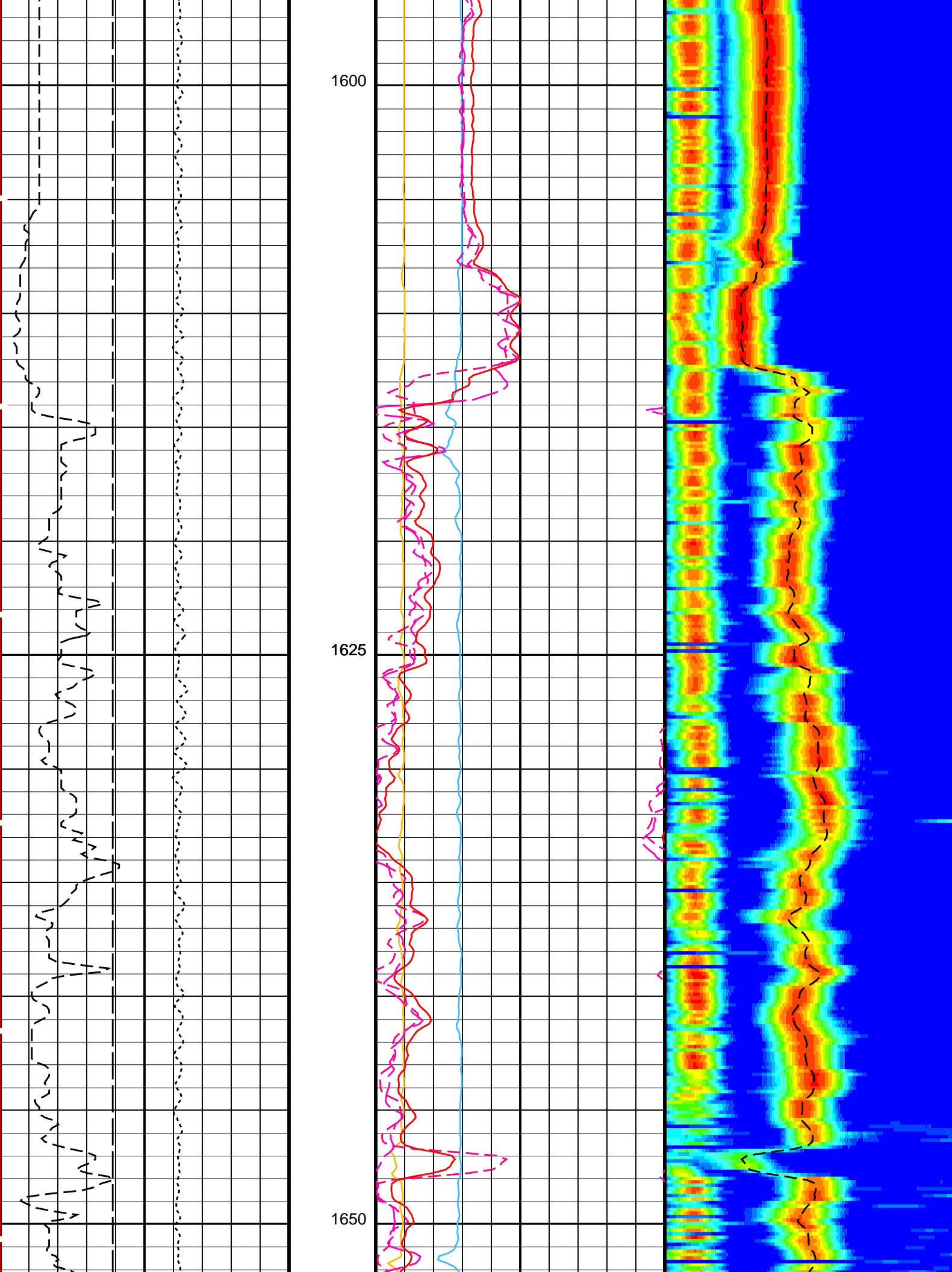
OP System Version: 19C0-187

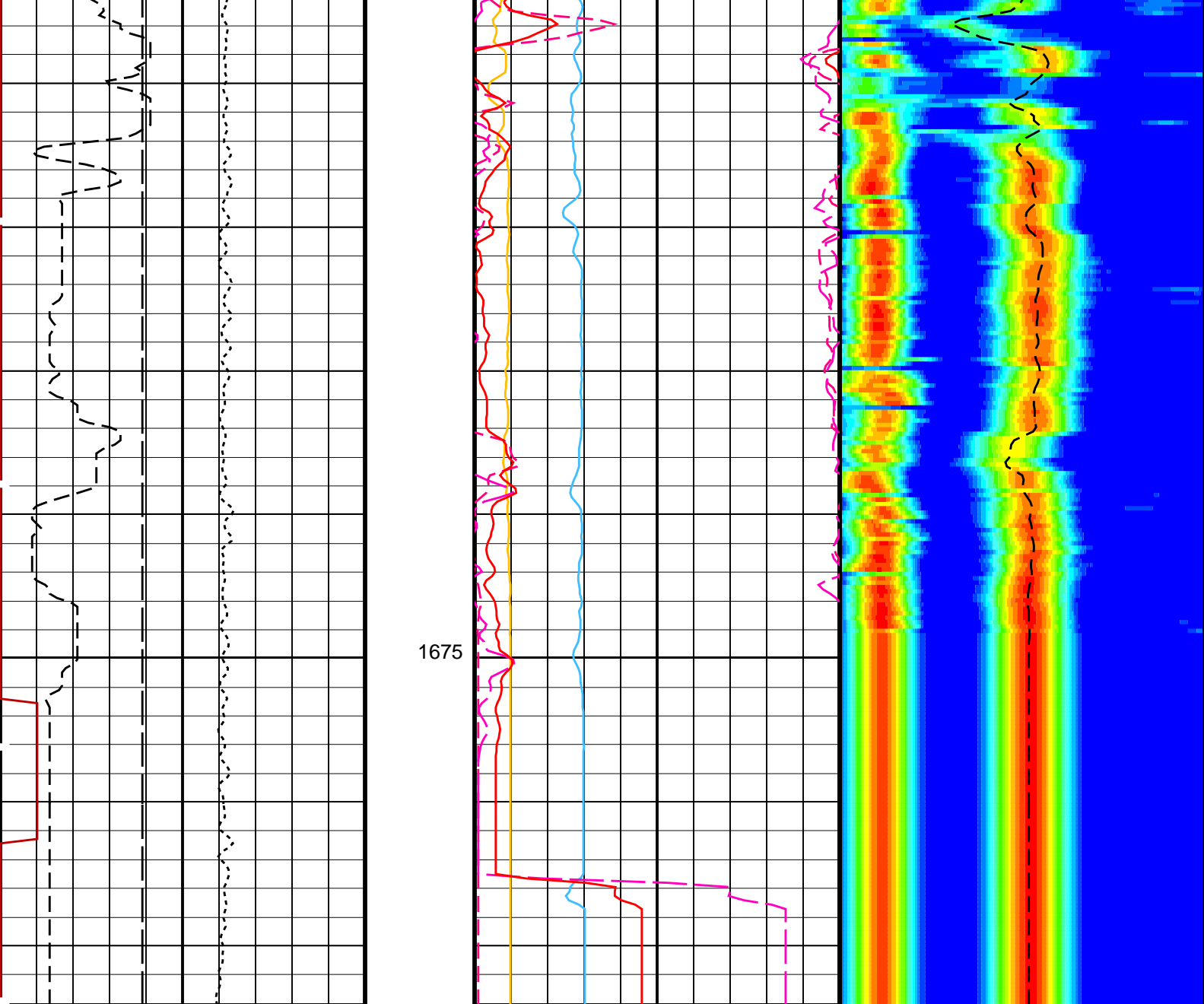
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S		Delta-T Shear – Lower Dipole (DT1)			
		440	(US/F)	40	
Waveform Data Copy Indicator 1 – Lower Dipole (WC11)		Delta-T Shear / TA – Lower Dipole (DT1T)			
0 (----) 10		440	(US/F)	40	
Tension (TENS)		Delta-T Shear / RA – Lower Dipole (DT1R)			
10000 (LBF) 0		440	(US/F)	40	
SAM1 Waveform Gain (WFG1)		Peak Coherence / TA – Lower Dipole (CHT1)		Min Amplitude Max	
0 (----) 1000		-2 (----) 8		Rec.Array L.Dipole Slow Proj. CVDL (SPR1)	
Bit Size (BS)		Peak Coherence / RA – Lower Dipole (CHR1)		75 (US/F) 775	
6 (IN) 16		0 (----) 10		Delta-T Shear / RA – Lower Dipole (DT1R)	
				75 (US/F) 775	







Bit Size (BS) (IN)	Peak Coherence / RA - Lower Dipole (CHR1)	Delta-T Shear / RA - Lower Dipole (DT1R)
6 ----- 16	0 ----- 10	75 ----- 775
SAM1 Waveform Gain (WFG1) (-----)	Peak Coherence / TA - Lower Dipole (CHT1)	Min ----- Max Rec.Array L.Dipole Slow Proj. CVDL (SPR1)
0 ----- 1000	-2 ----- 8	75 ----- 775
Tension (TENS) (LBF)	Delta-T Shear / RA - Lower Dipole (DT1R)	
10000 ----- 0	440 ----- 40	
Waveform Data Copy Indicator 1 - Lower Dipole (WC11) (-----)	Delta-T Shear / TA - Lower Dipole (DT1T)	
0 ----- 10	440 ----- 40	
	Delta-T Shear - Lower Dipole (DT1) (US/F)	
	440 ----- 40	

PIP SUMMARY

Parameters		
DLIS Name	Description	Value

Time Mark Every 60 S

DLIS Name		Description	Value	
DSST-B: Dipole Shear Imager – B				
DDE1		Digitizing Delay 1	0	US
DDEX		Digitizing Delay X	0	US
DLCS		Label Compressional Source – Dipole Shear	USE	
DSHL		Label Slowness Lower Limit – Dipole Shear	75	US/F
DSHU		Label Slowness Upper Limit – Dipole Shear	775	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	75	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	775	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	15912.5	US
TWD1		STC Time Width – Lower Dipole	2000	US
TW11		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: 25-Sep-2023 05:59

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 25-Sep-2023 05:59

Company: International Ocean Discovery Program Well: Expedition 400, Site U1607A

Output DLIS Files

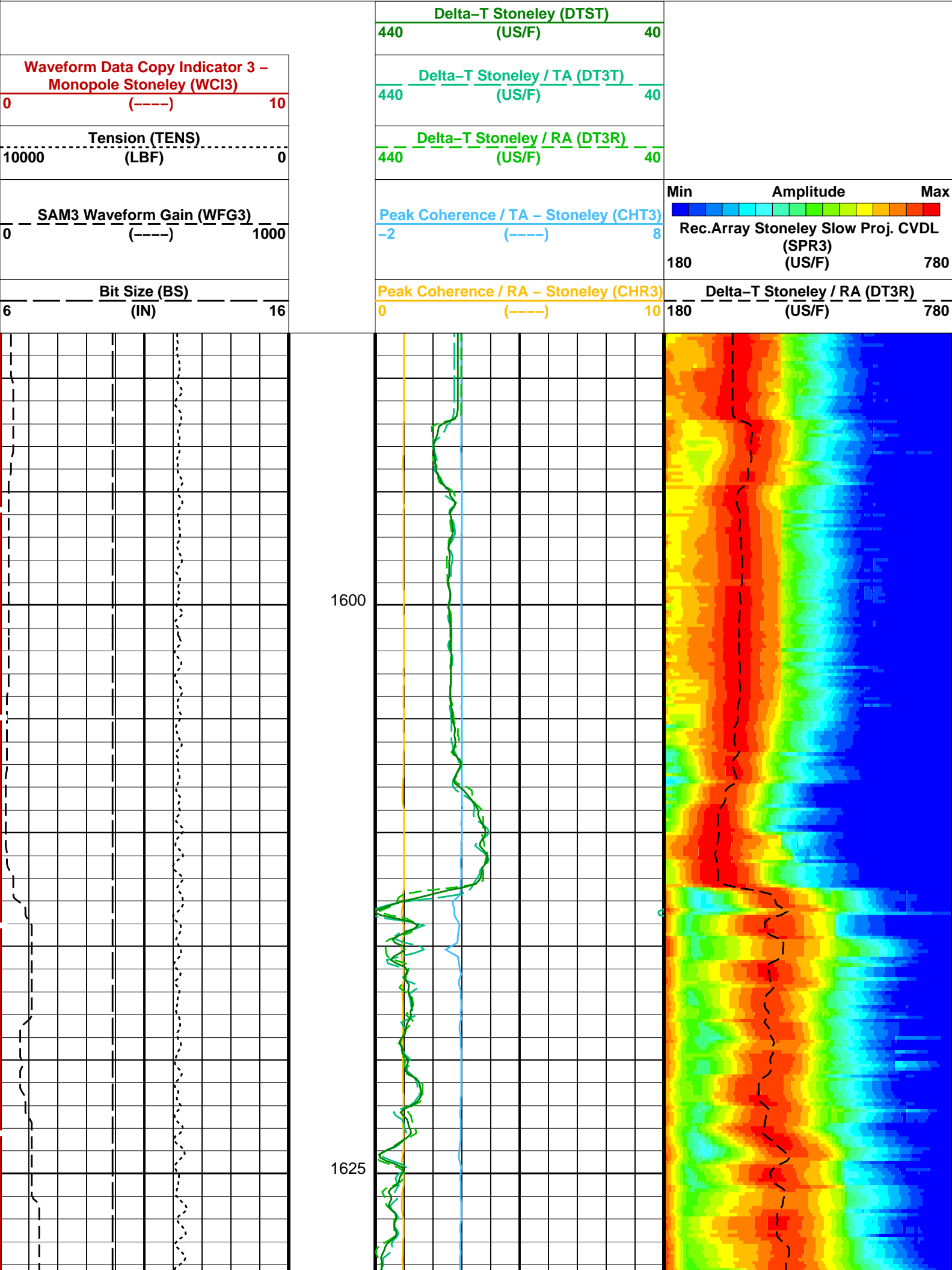
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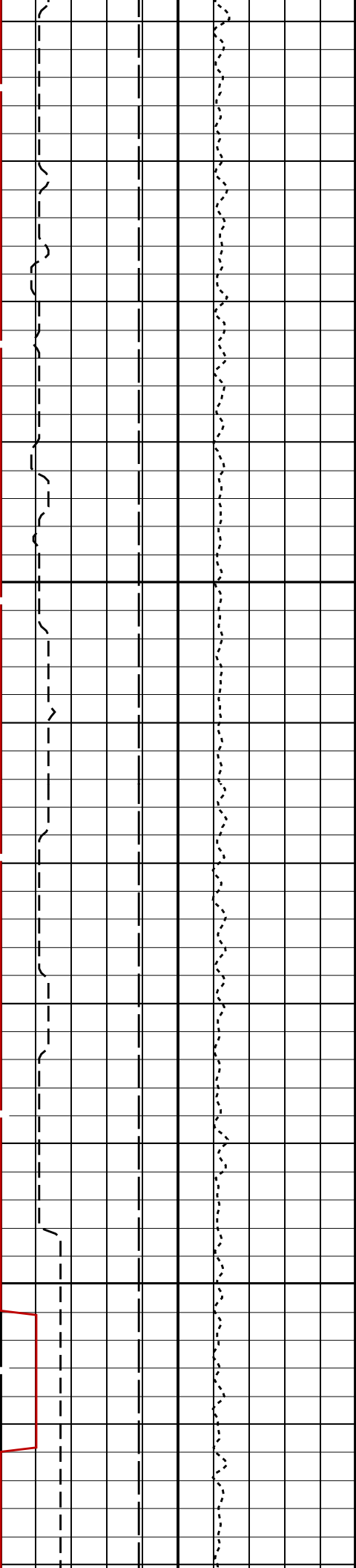
OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

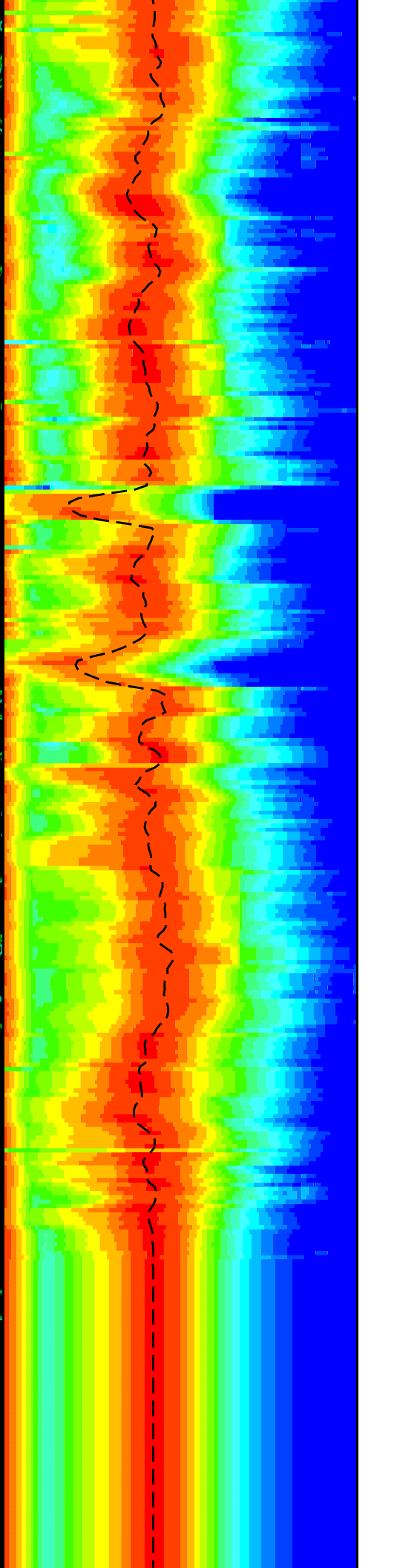
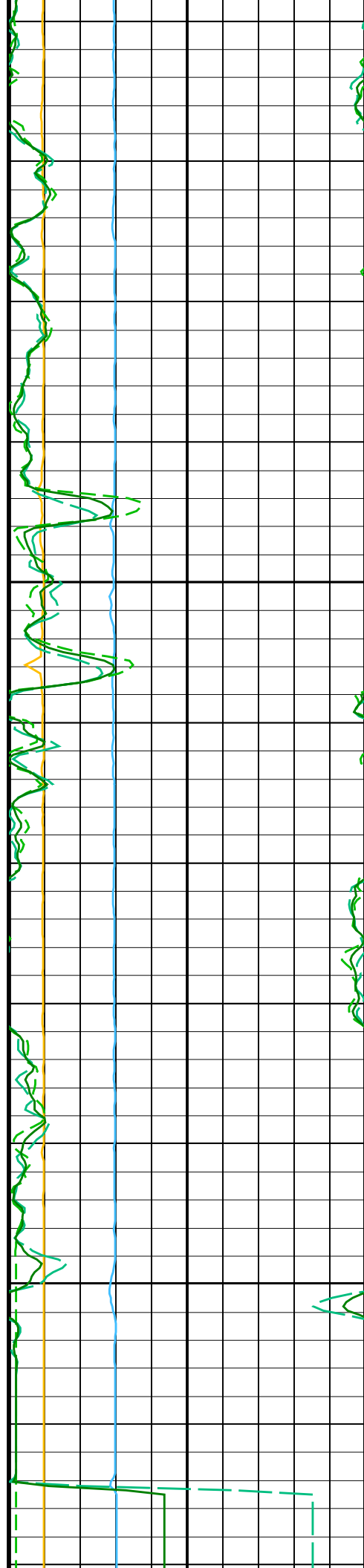
 Time Mark Every 60 S

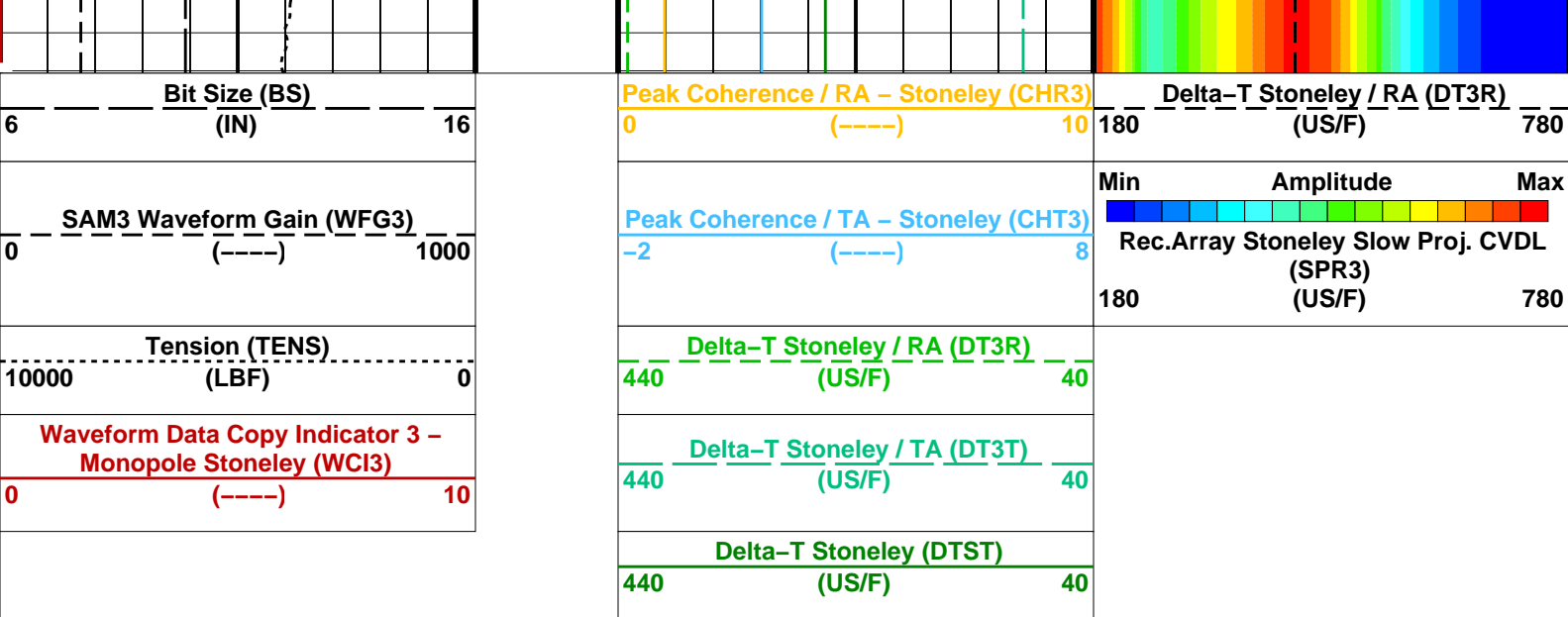




1650

1675





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	
WFM3	Waveform Mode 3	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Format: DSST_STONELEY_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Sep-2023 05:59

OP System Version: 19C0-187

MSO-EDSO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 25-Sep-2023 05:59

Company: International Ocean Discovery Program

Well: Expedition 400, Site U1607A

Output DLIS Files

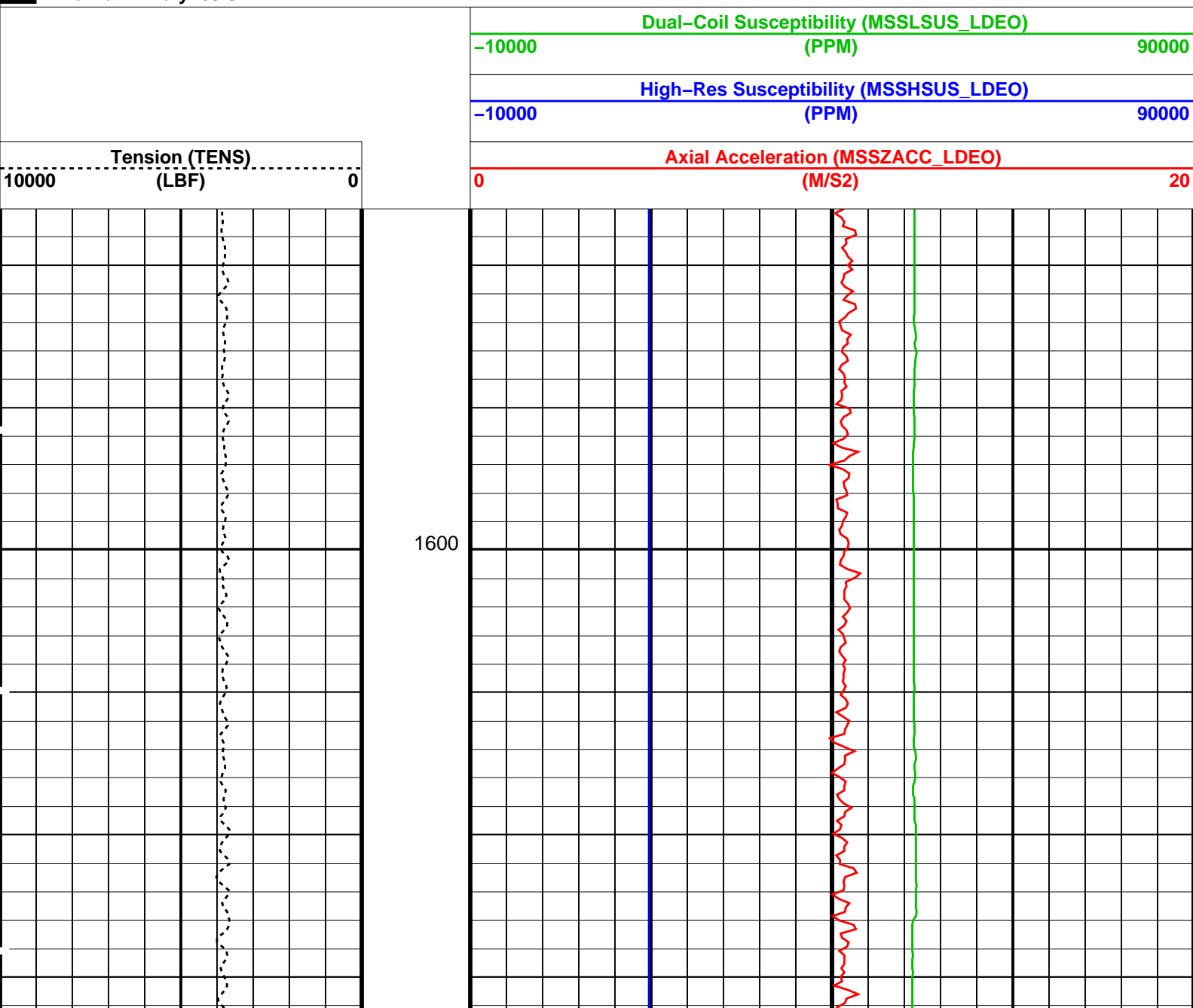
DEFAULT	MSS_LDEO_DSI_HRLA_008LUP	FN:6	PRODUCER	25-Sep-2023 05:59	1687.1 M	1588.0 M
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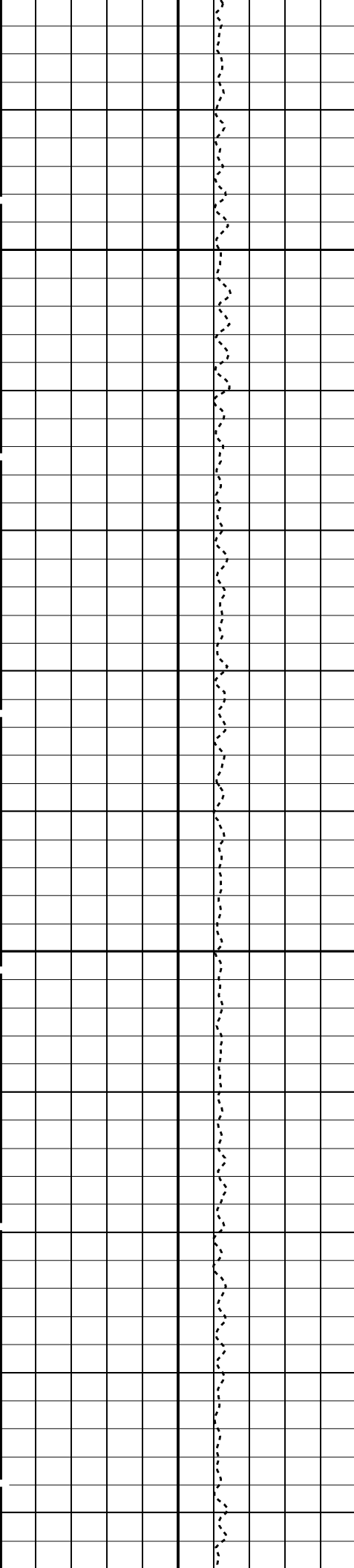
OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

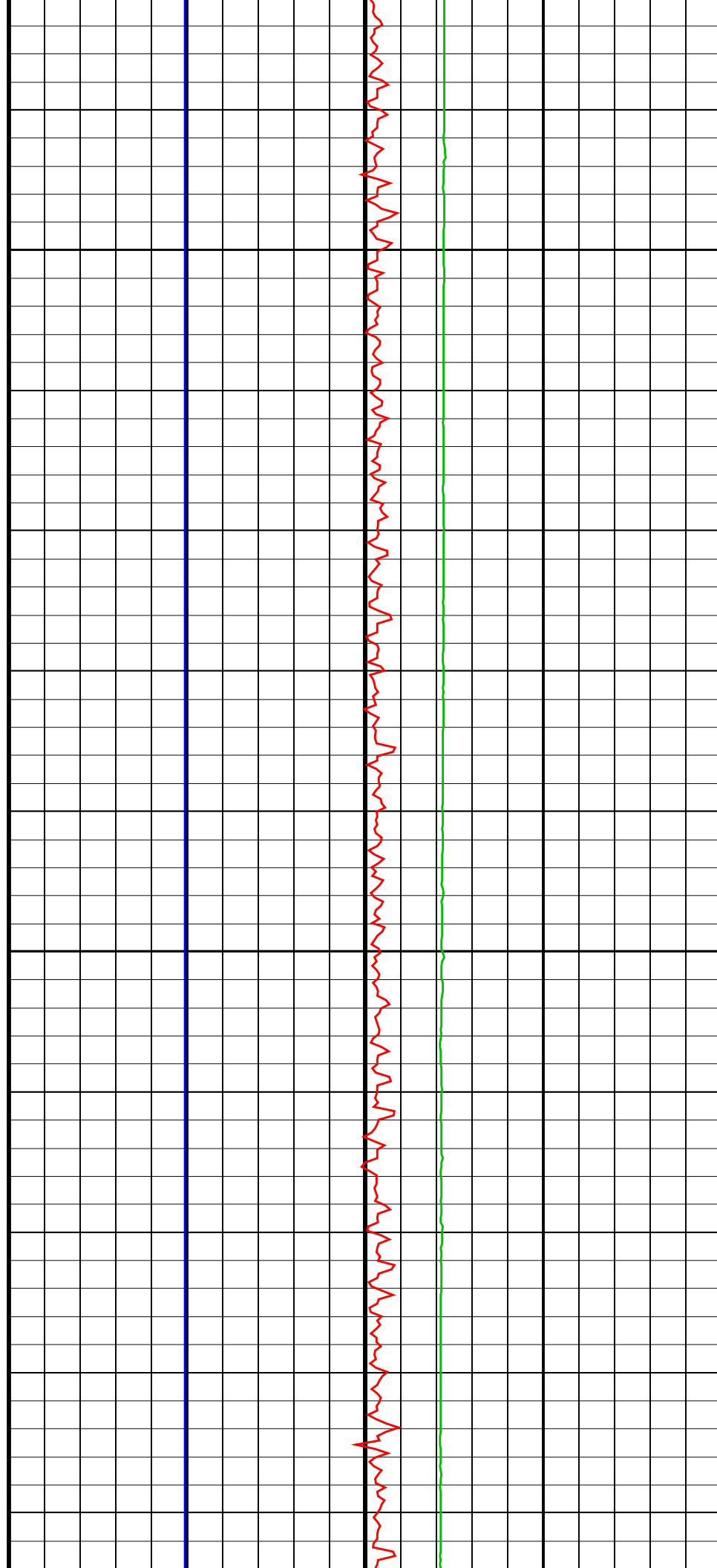
Time Mark Every 60 S

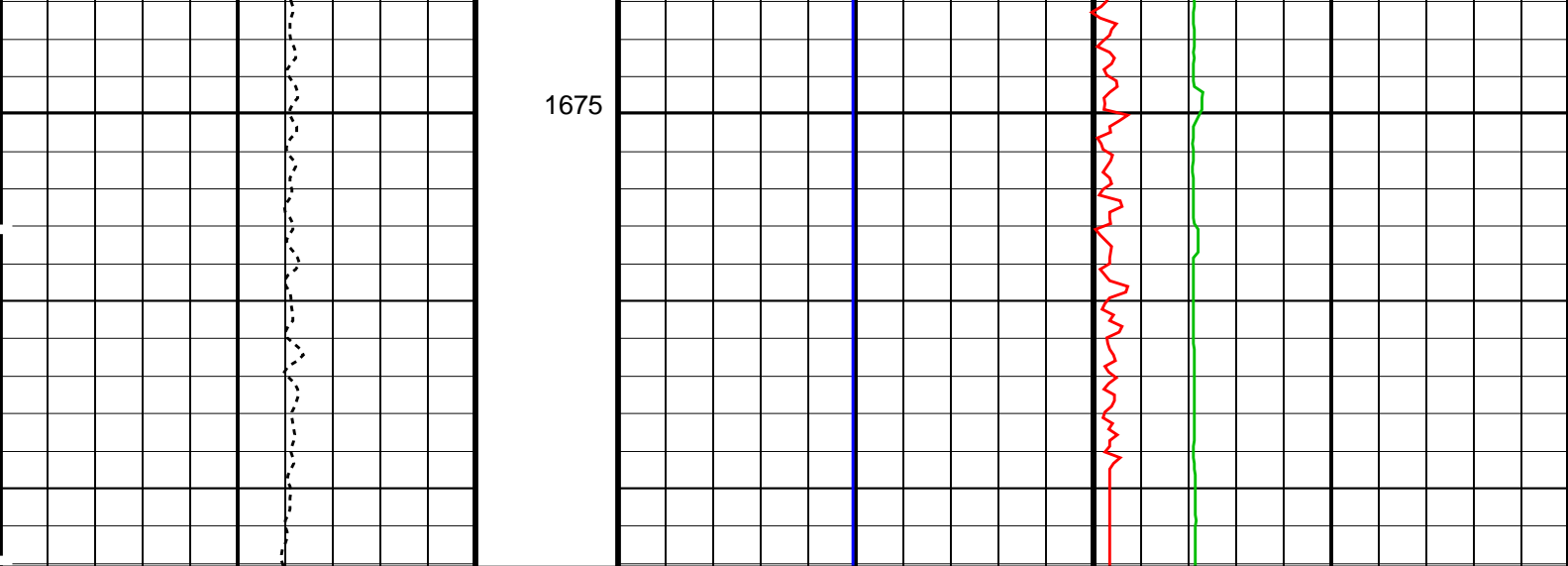




1625

1650





Tension (TENS) (LBF)		Axial Acceleration (MSSZACC_LDEO) (M/S2)	
10000	0	0	20
		High-Res Susceptibility (MSSHUSUS_LDEO) (PPM)	
		-10000	90000
		Dual-Coil Susceptibility (MSSLUSUS_LDEO) (PPM)	
		-10000	90000

PIP SUMMARY

Time Mark Every 60 S

Format: MSS_Logging Vertical Scale: 1:200 Graphics File Created: 25-Sep-2023 05:59

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 25-Sep-2023 05:59

Schlumberger

Main Pass

MAXIS Field Log

Company: International Ocean Discovery Program Well: Expedition 400, Site U1607A

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_009LUP FN:7 PRODUCER 25-Sep-2023 06:29 1687.1 M 736.1 M

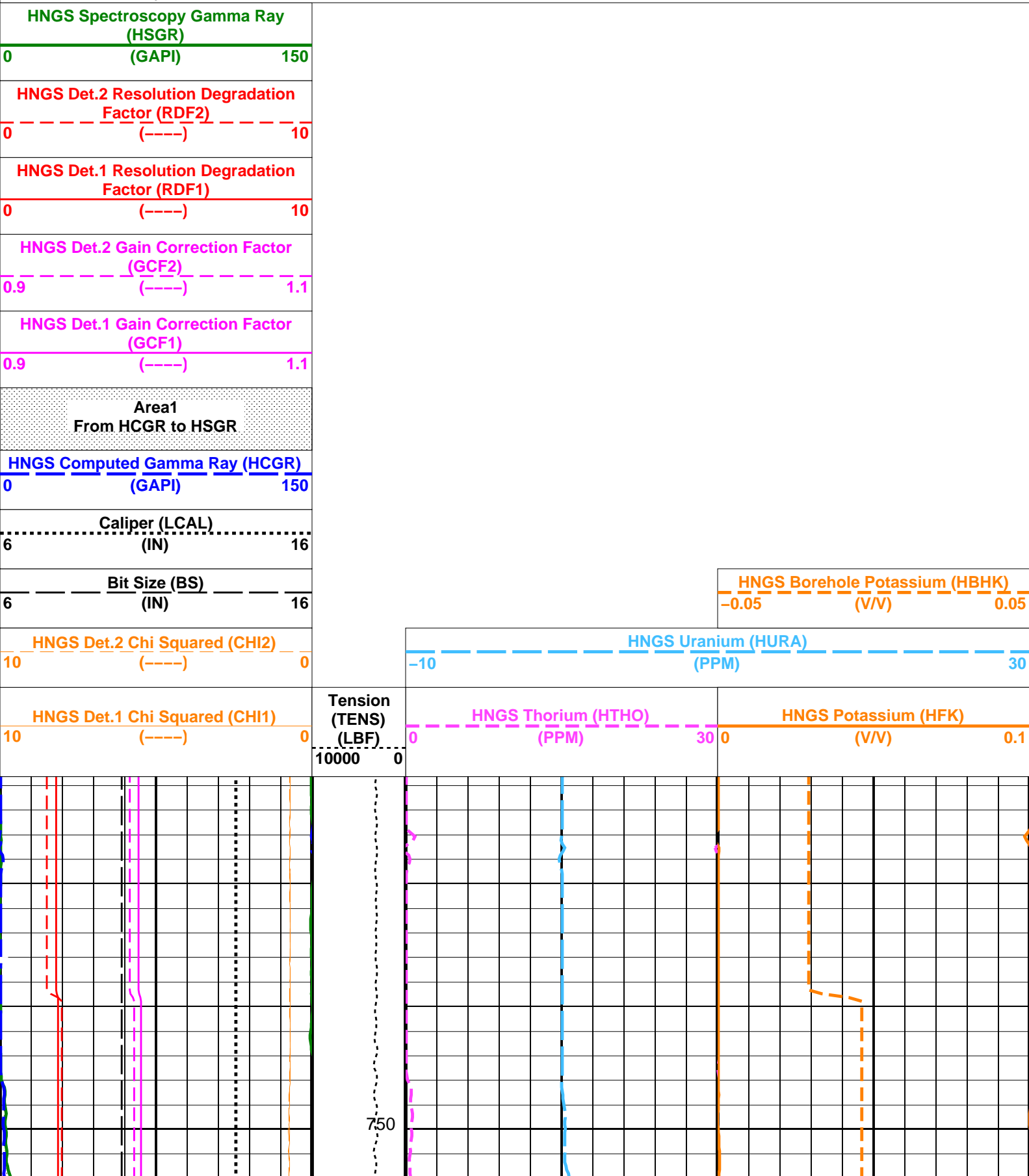
OP System Version: 19C0-187

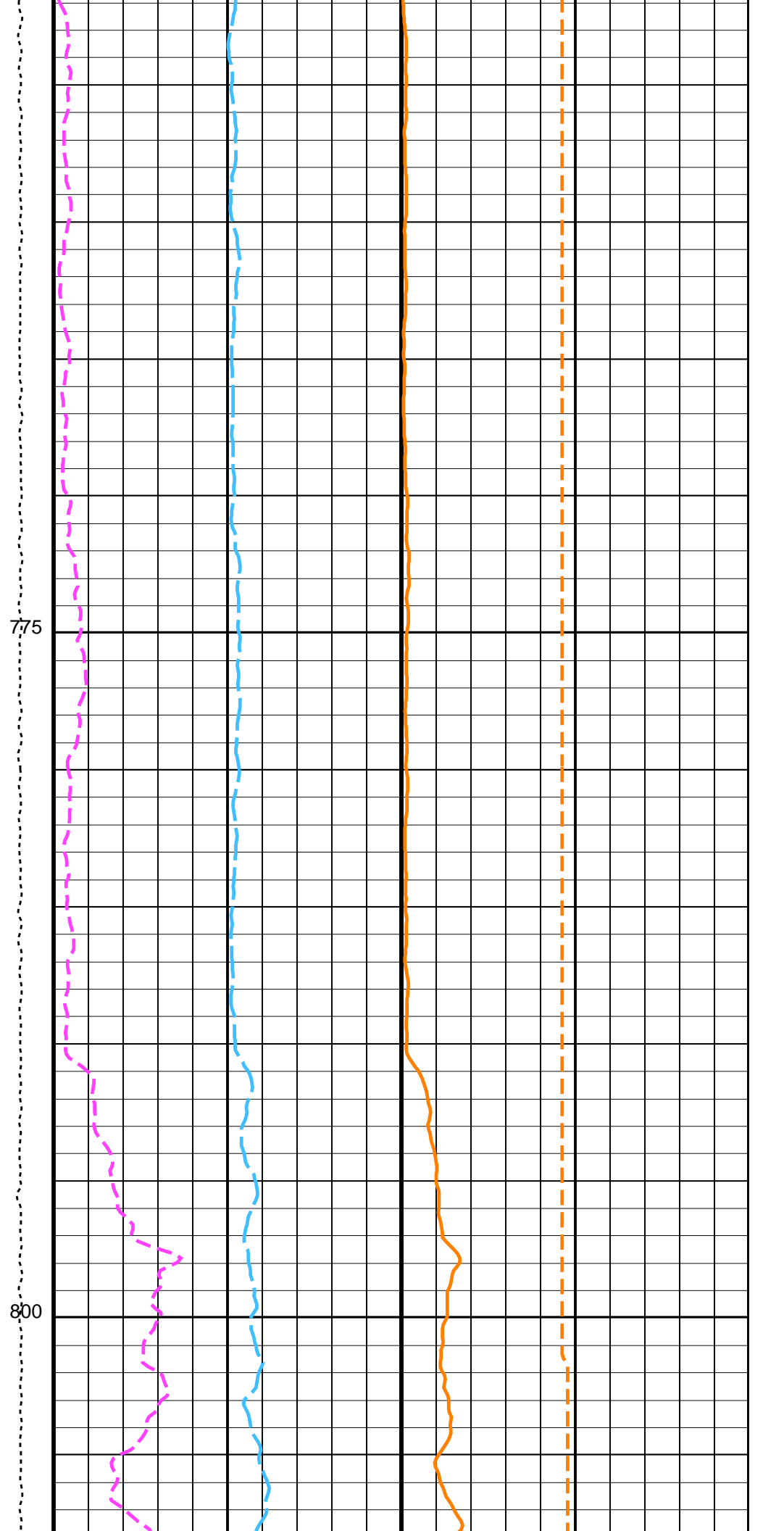
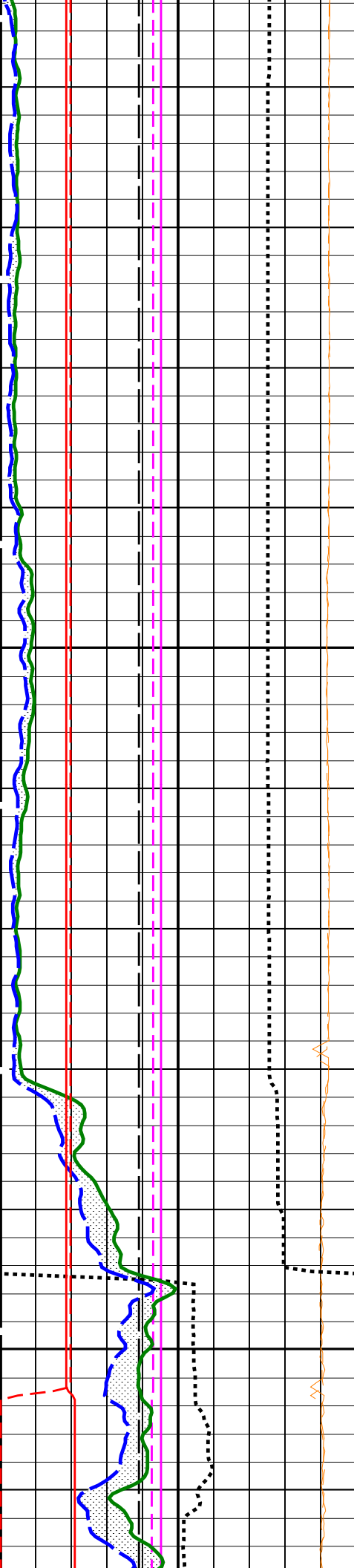
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187

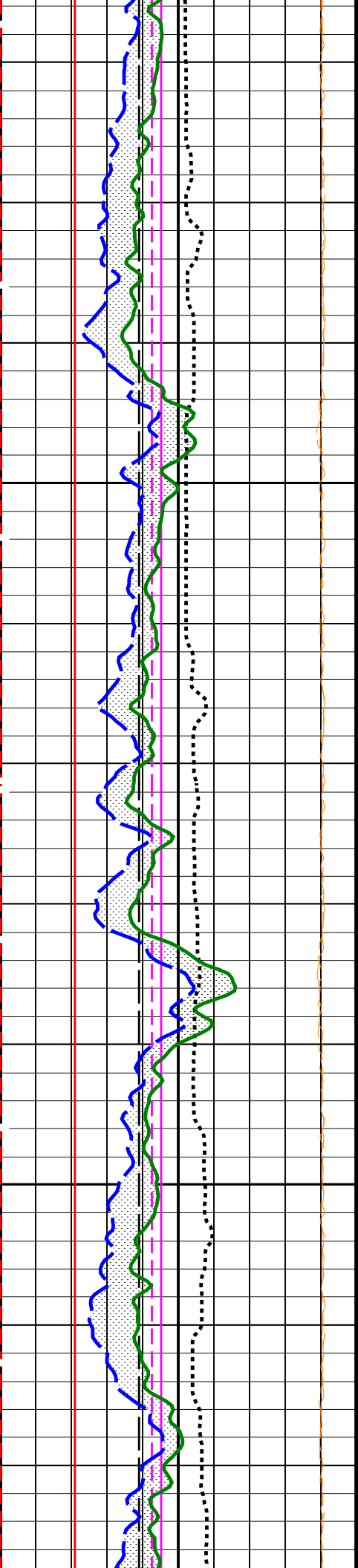
Changed Parameter Summary			
DLIS Name	New Value	Previous Value	Depth & Time
BS	9.875 IN	9.875 IN	1372.4 07:03:15

PIP SUMMARY

Time Mark Every 60 S

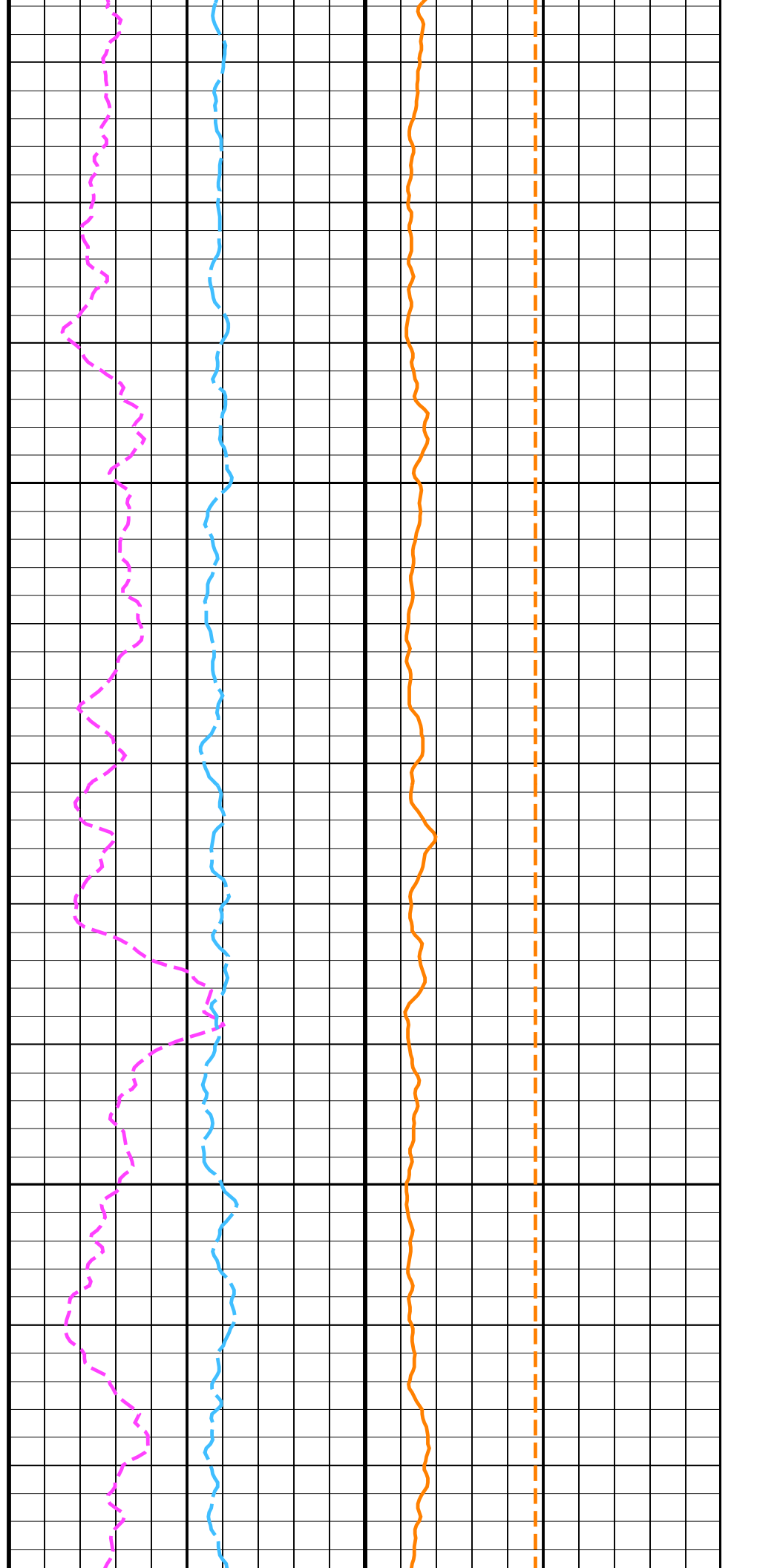


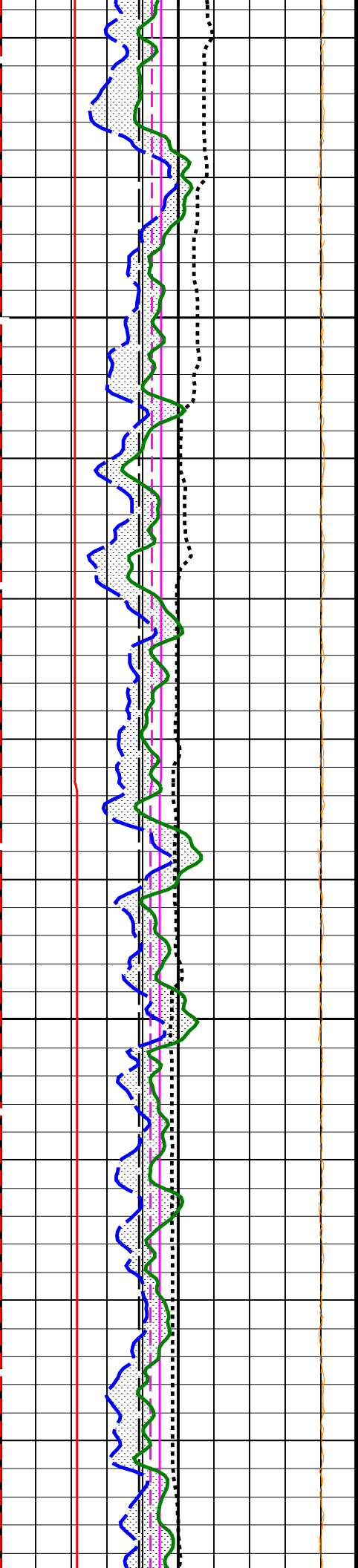




825

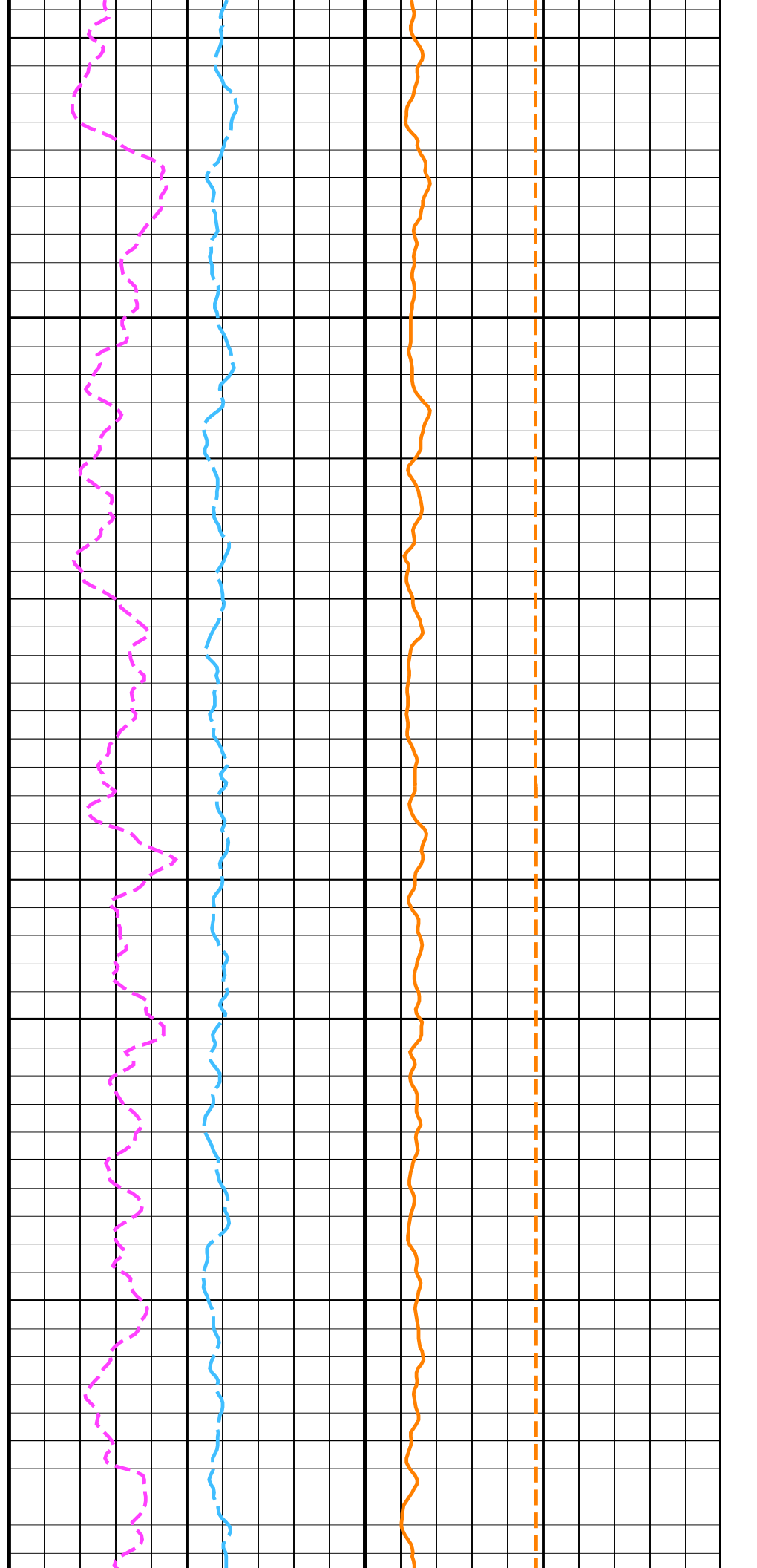
850

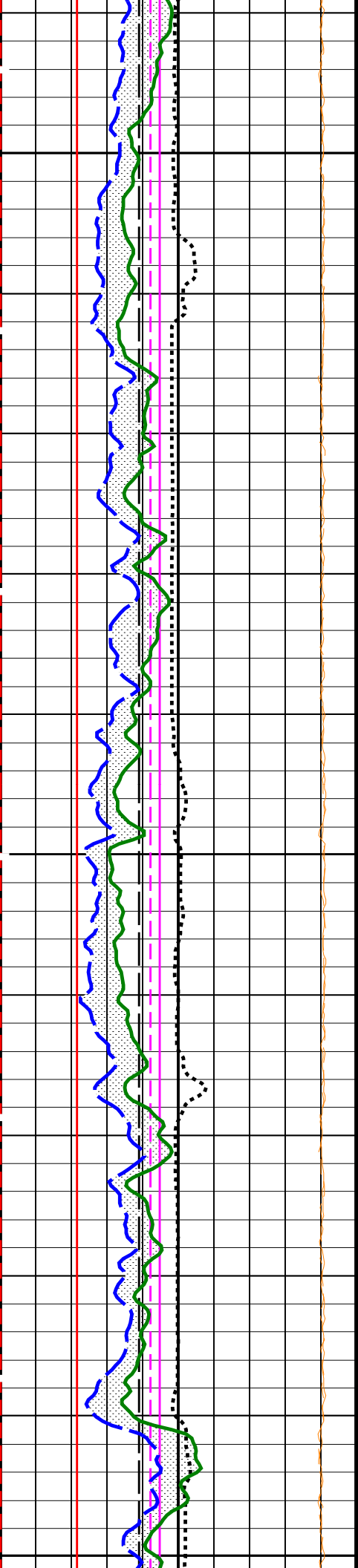




875

900

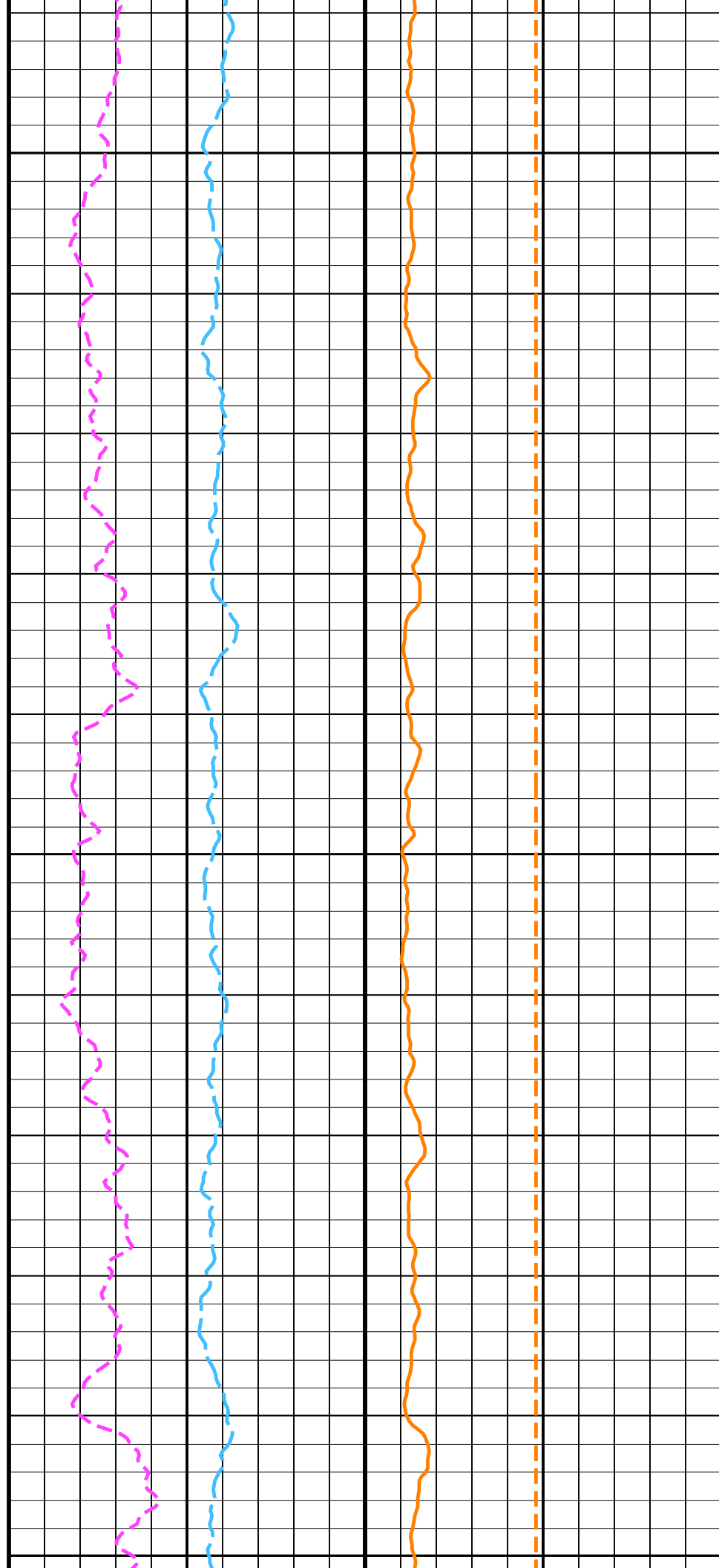


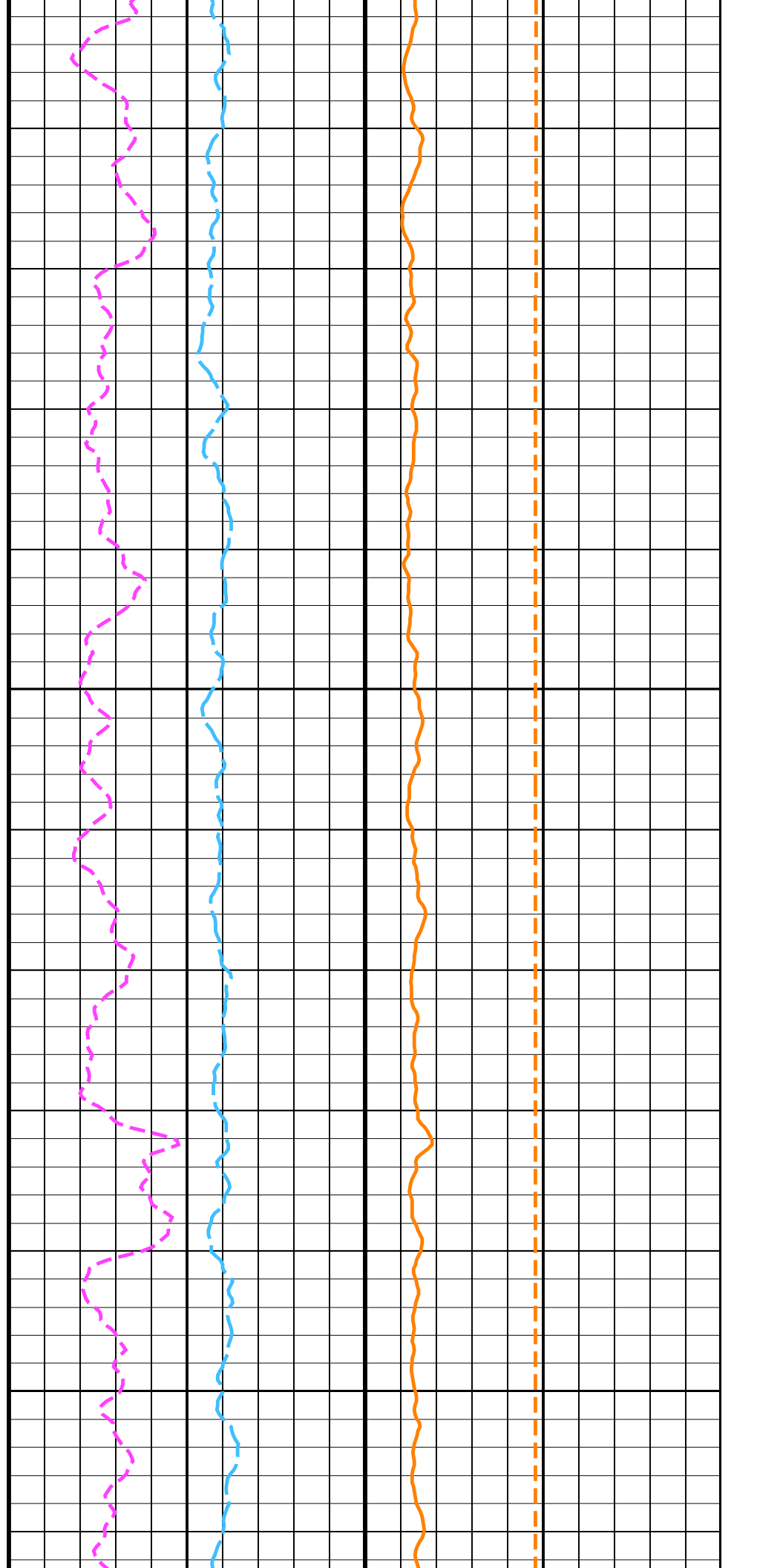
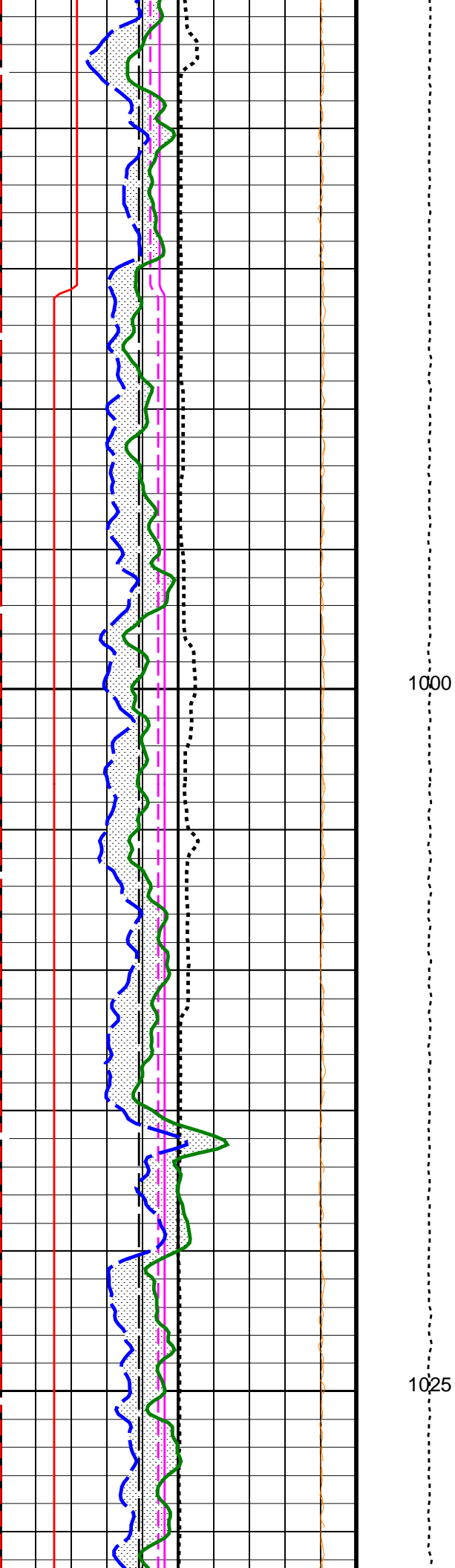


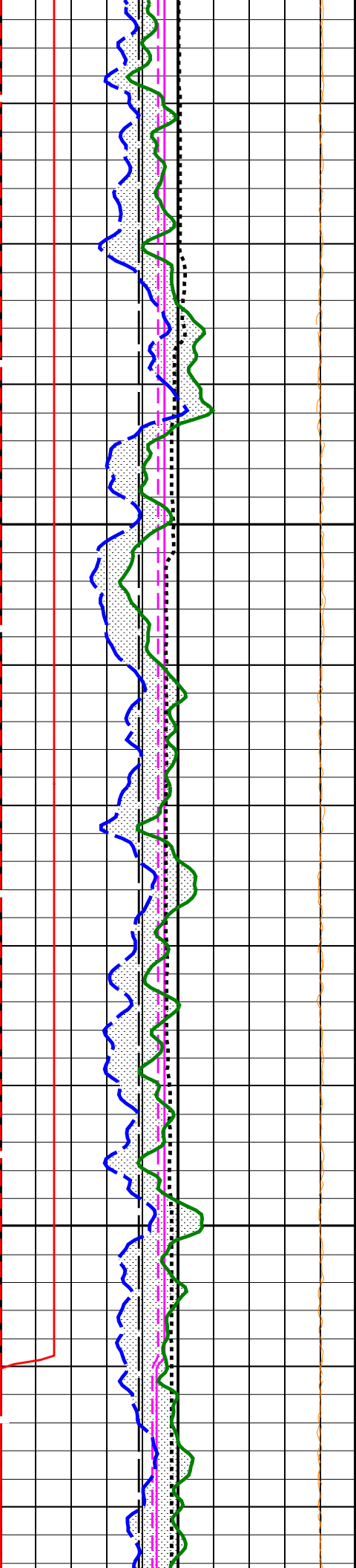
925

950

975

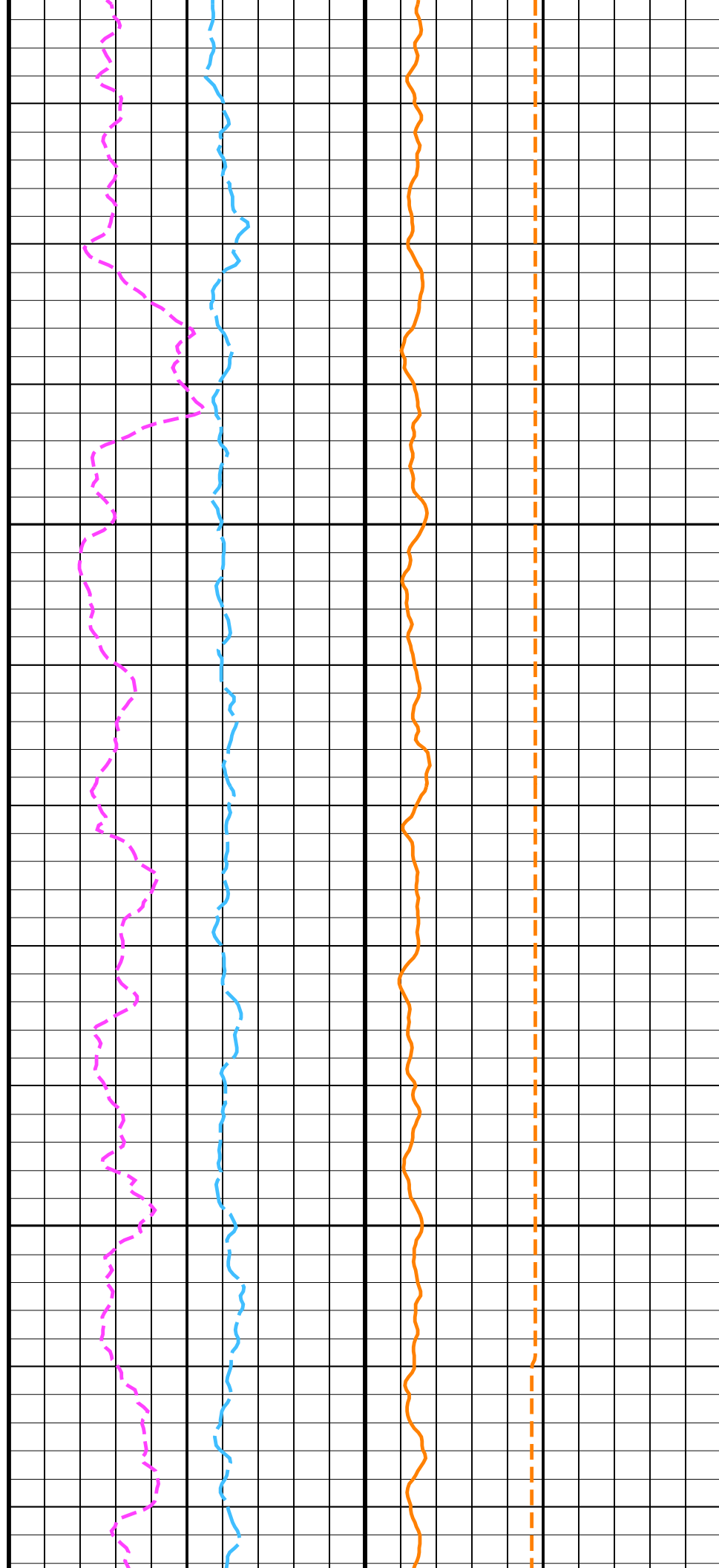


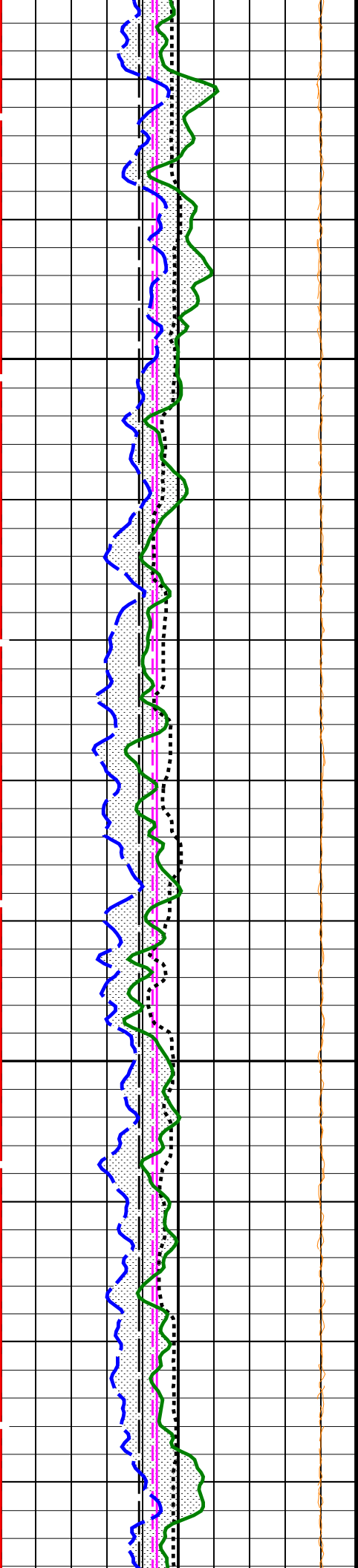




1050

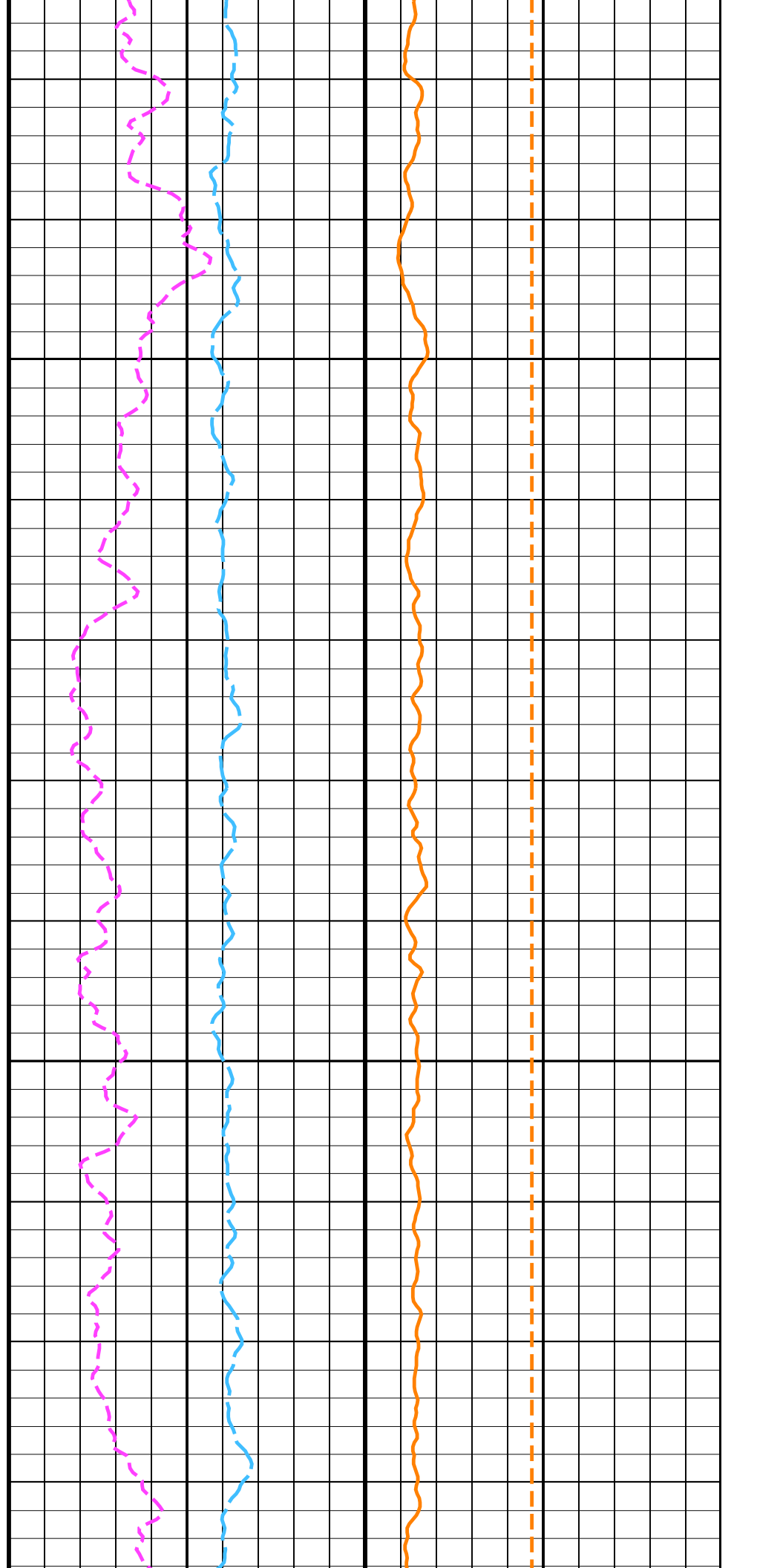
1075

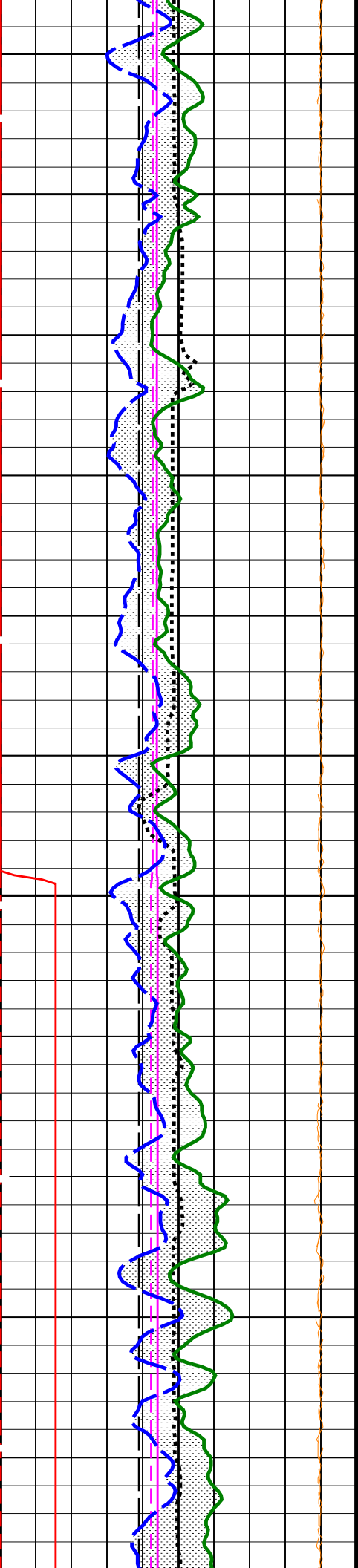




1100

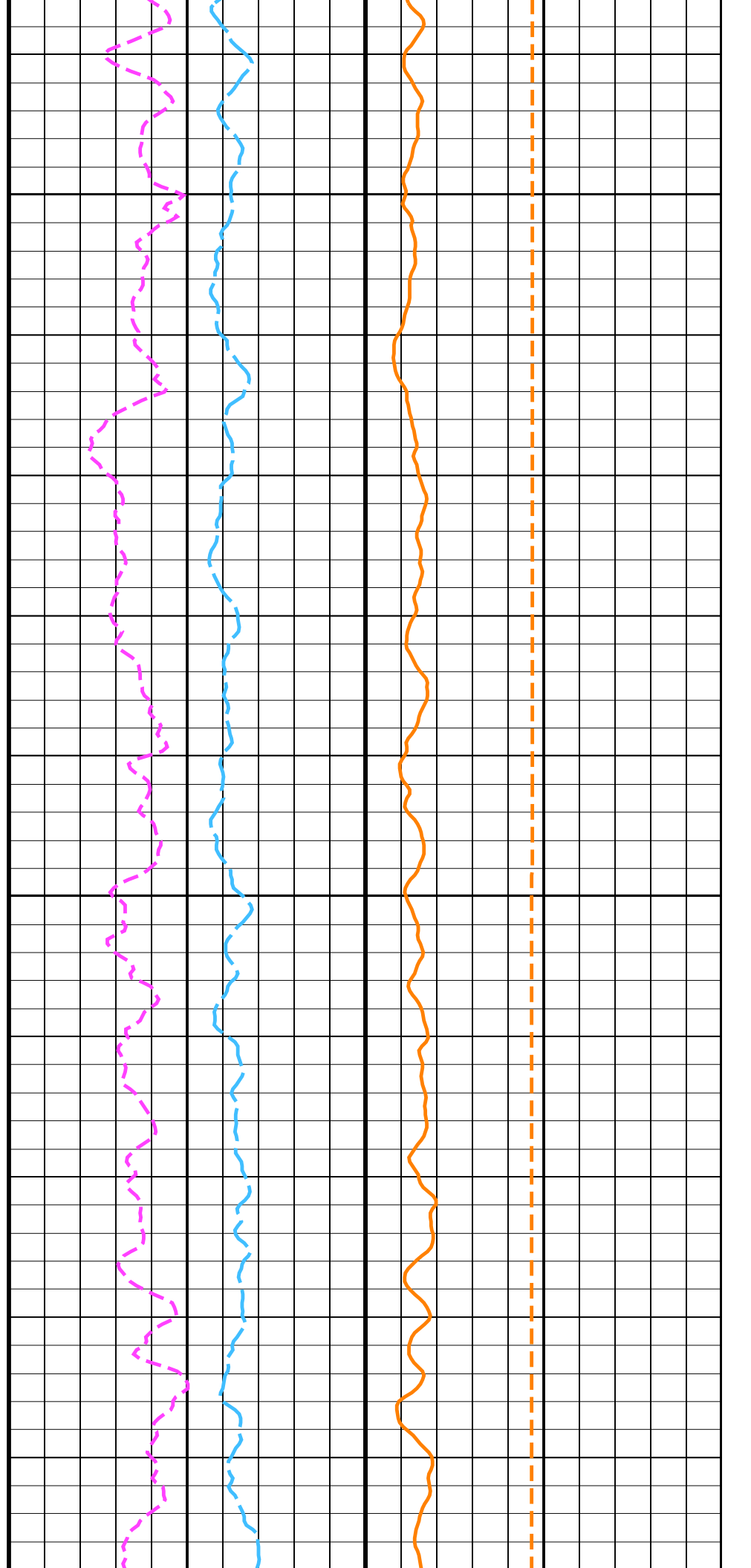
1125

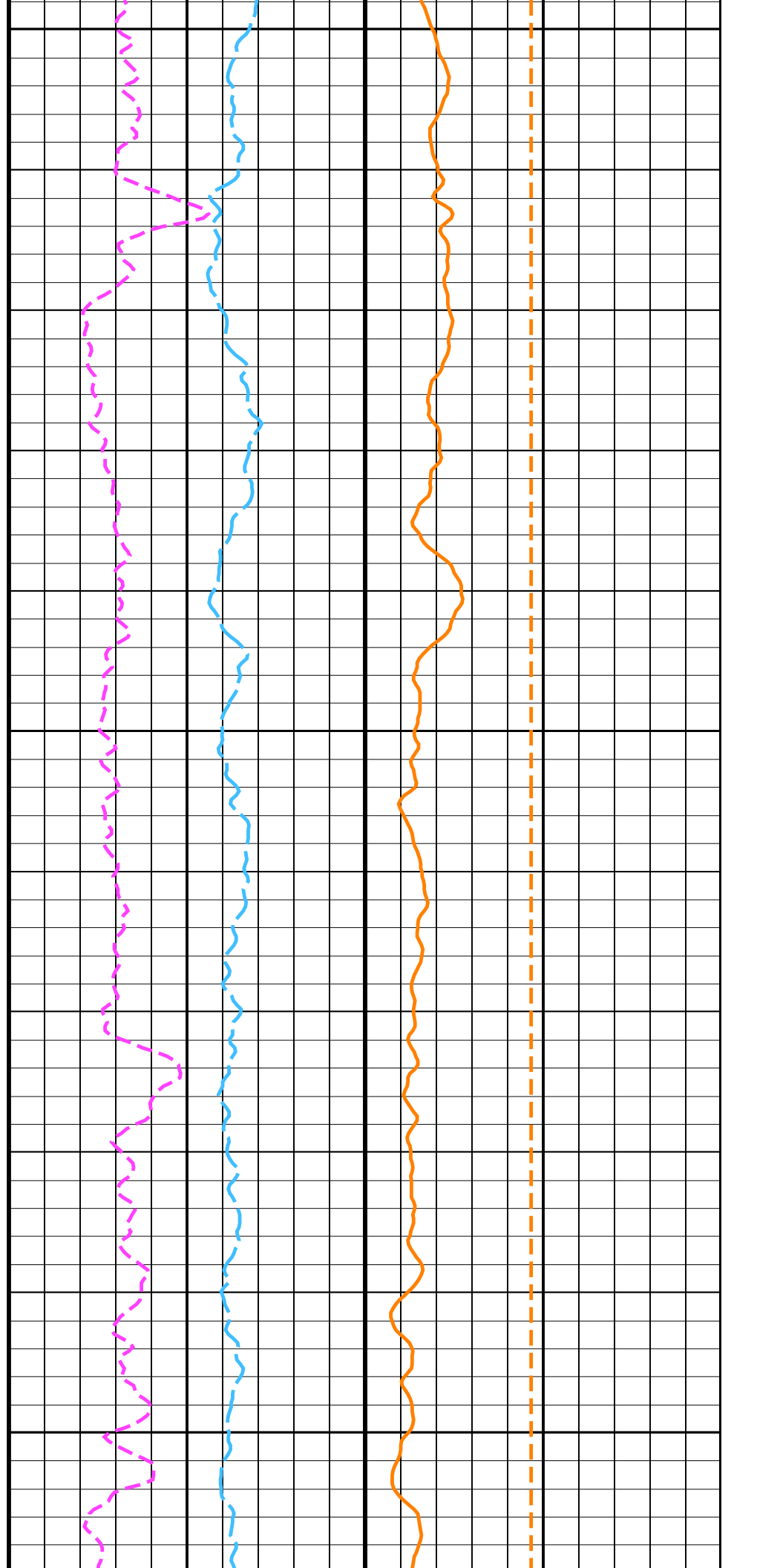
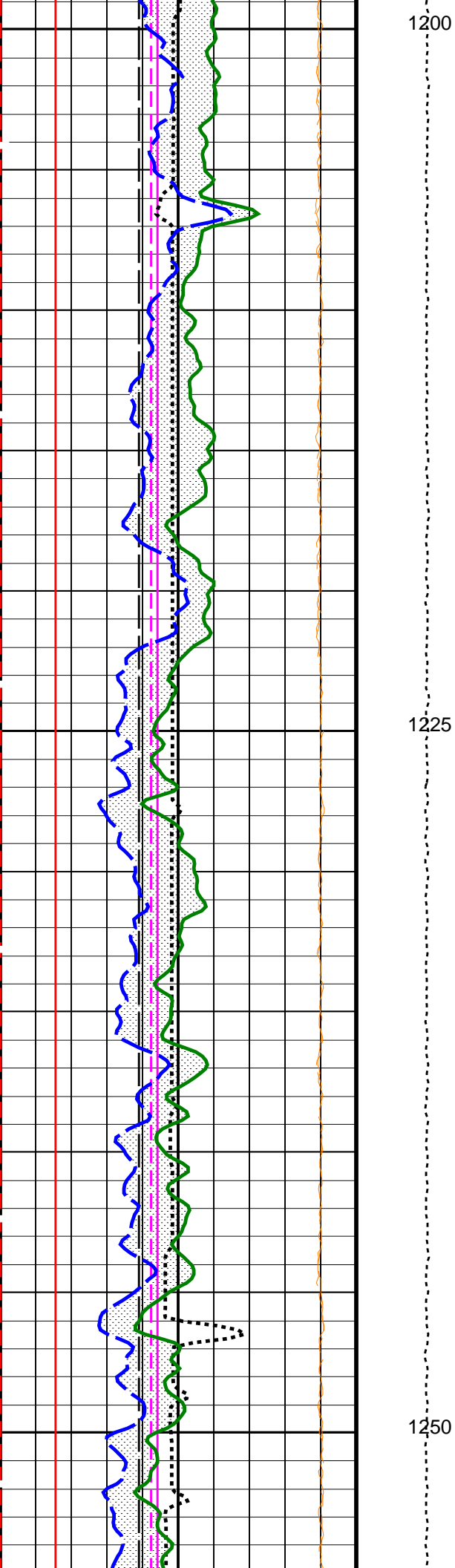


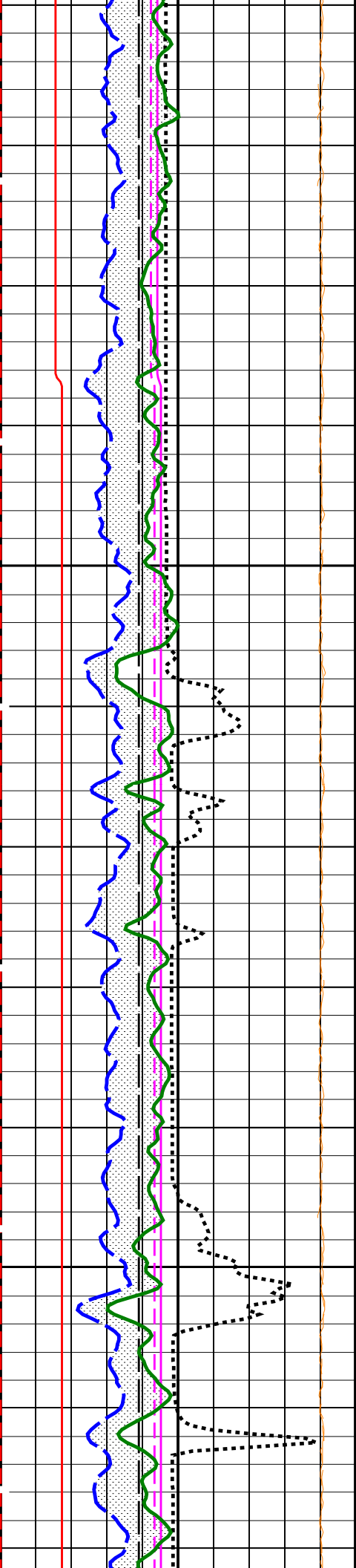


1150

1175

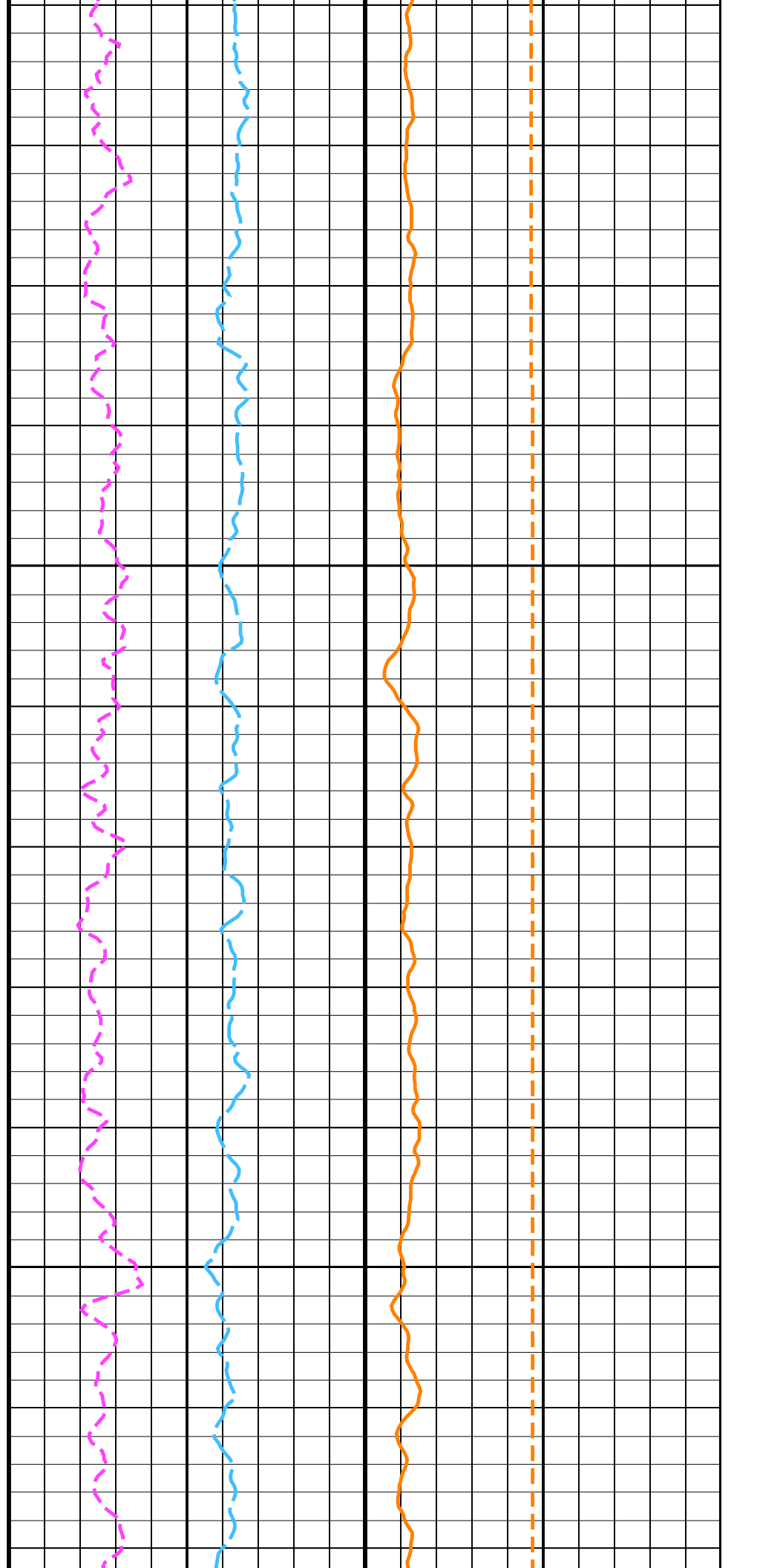


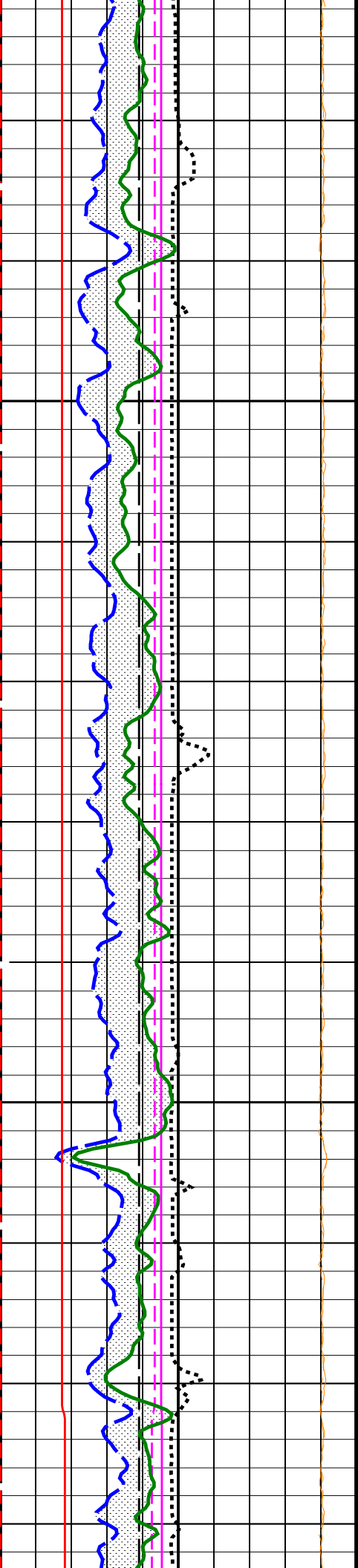




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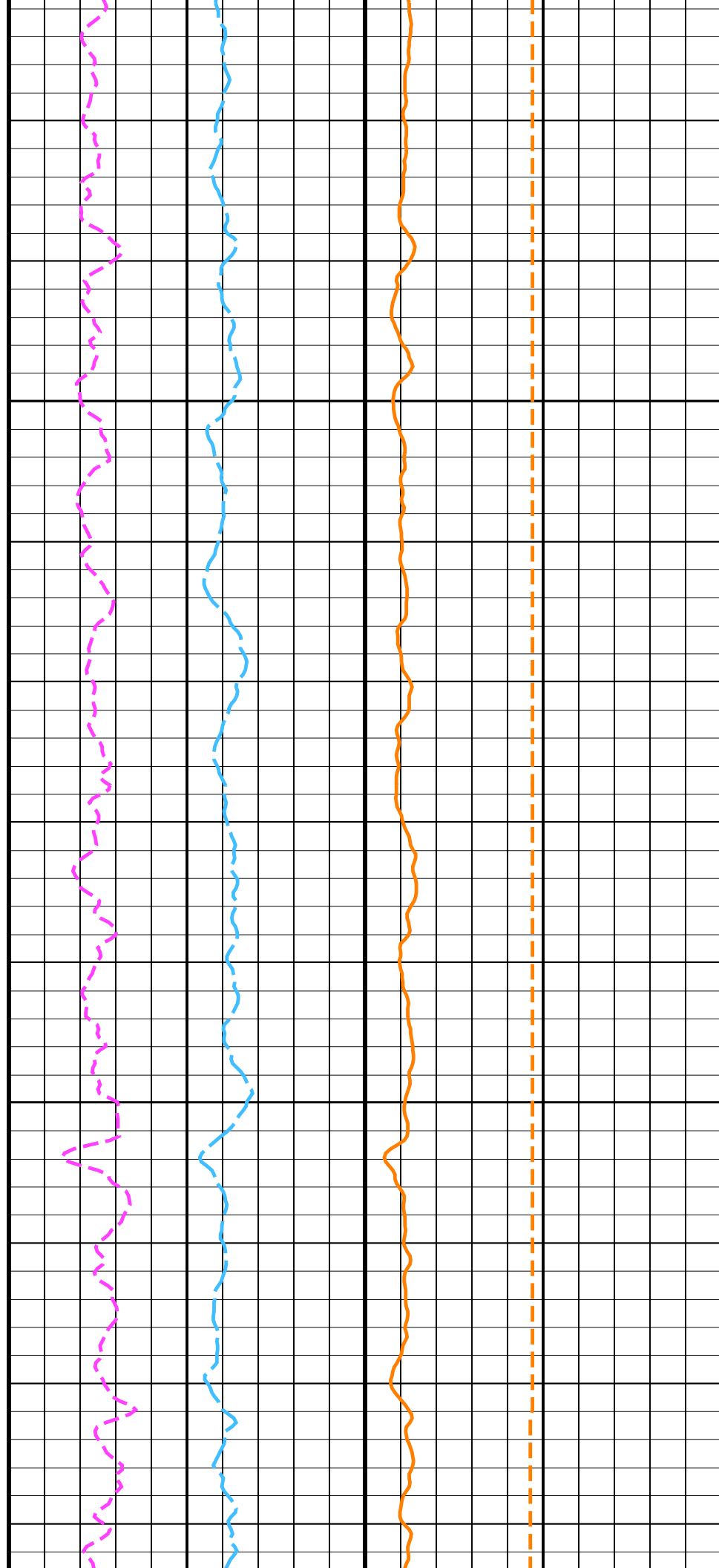
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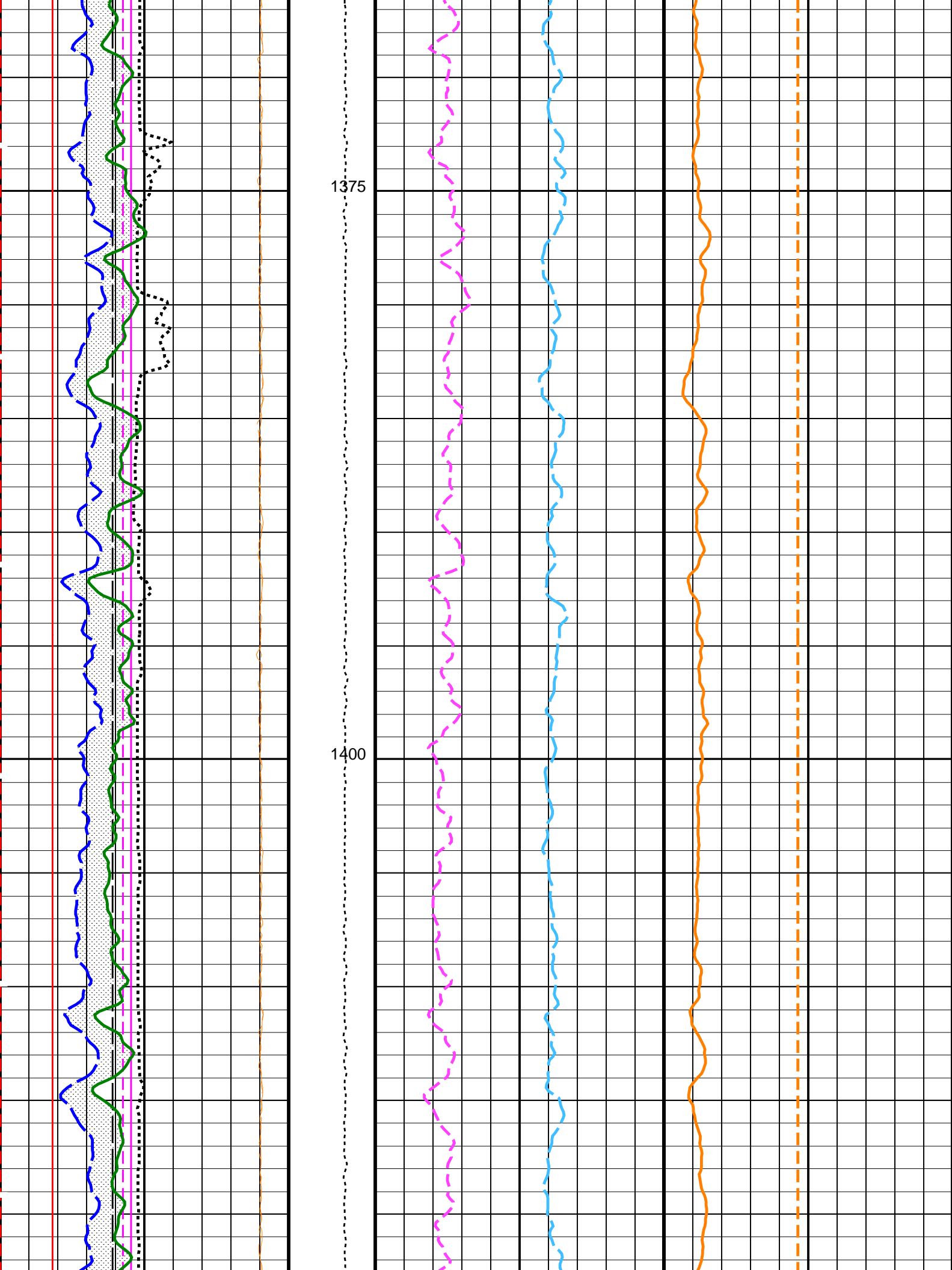


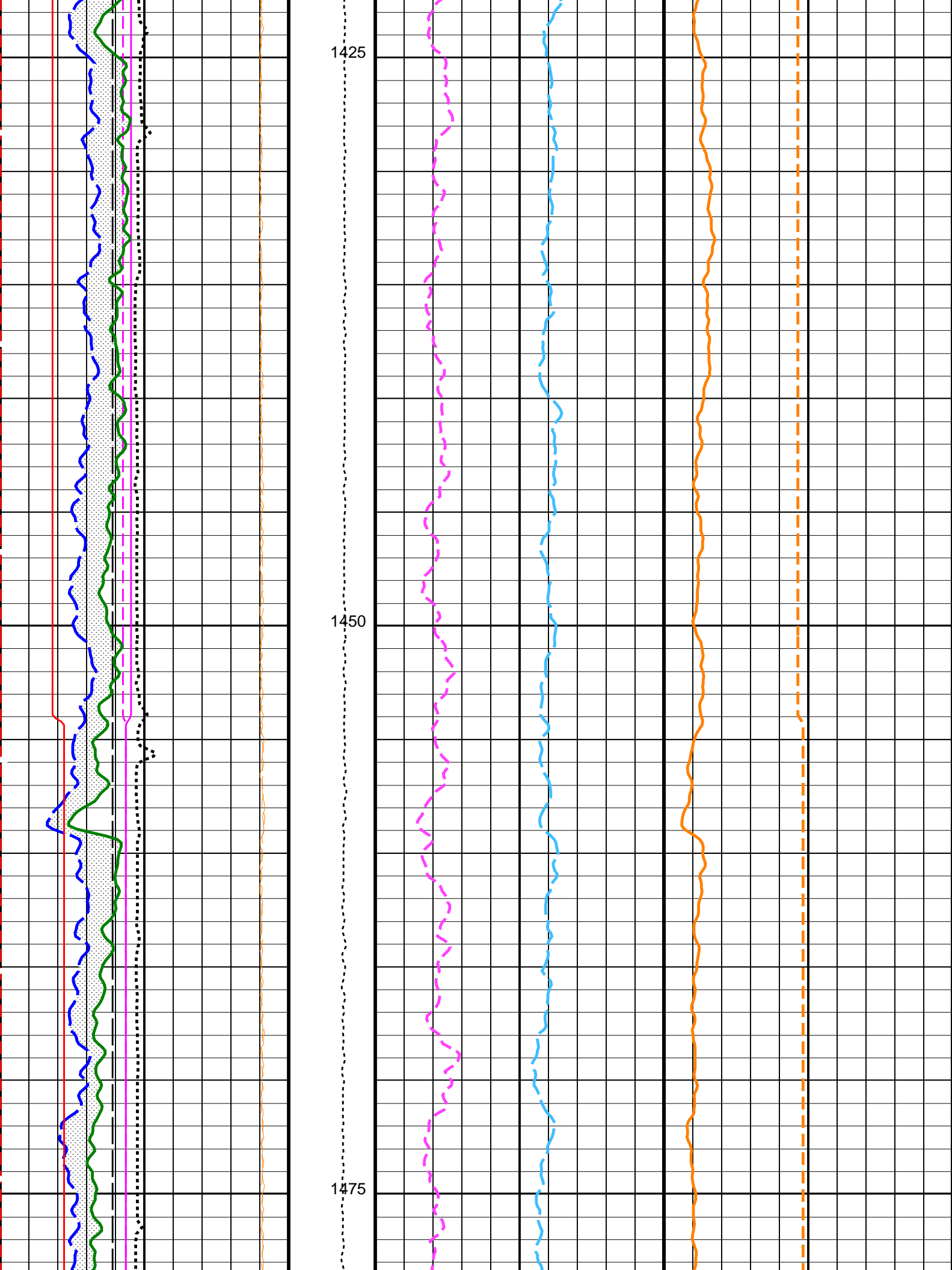


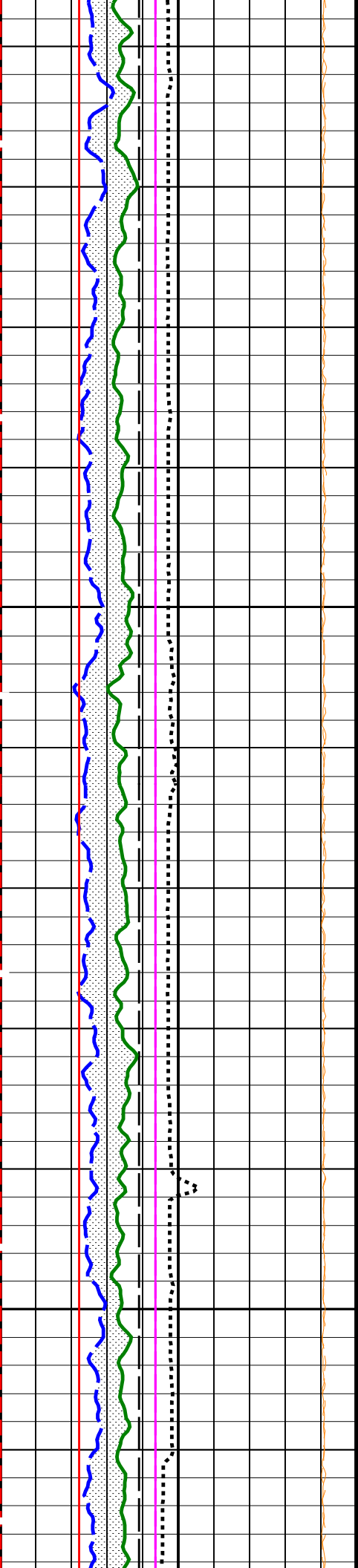
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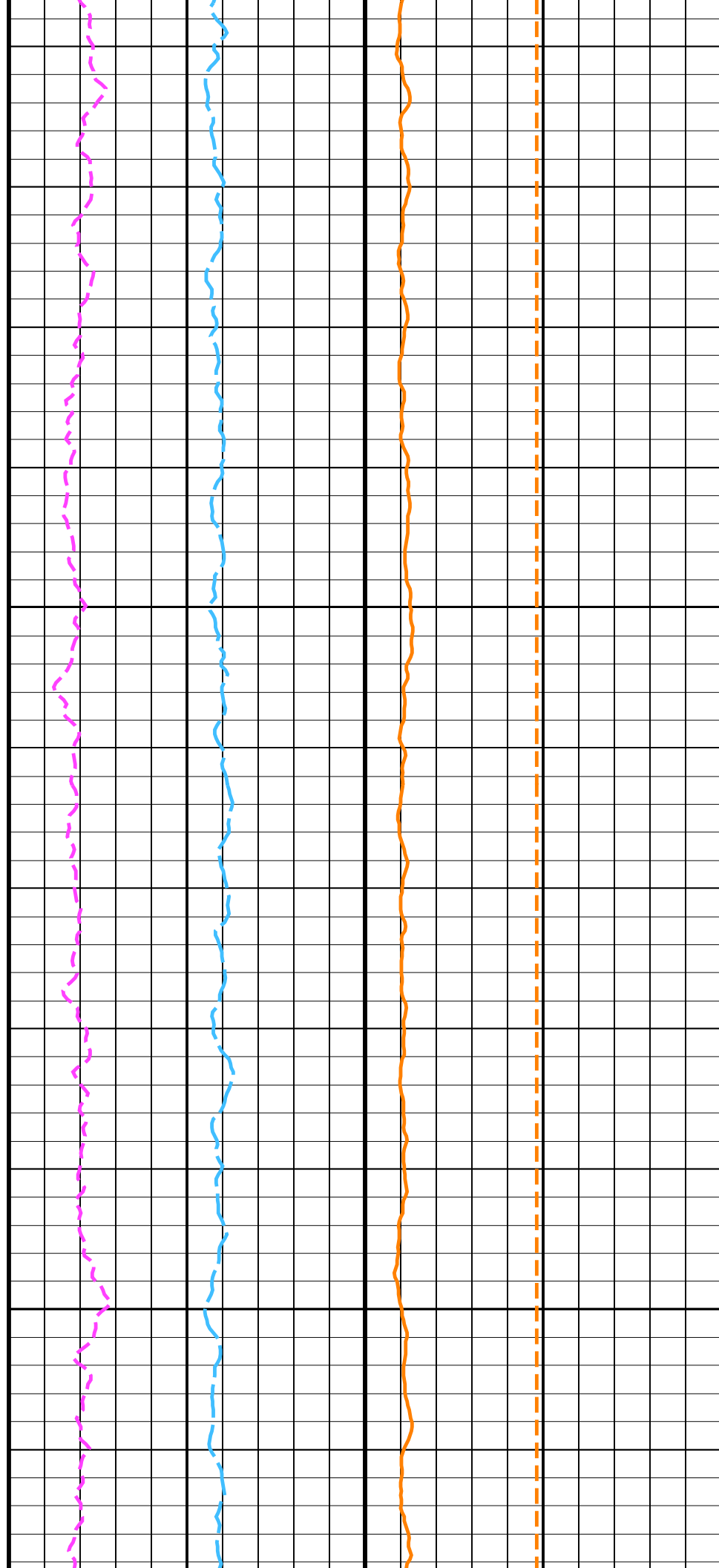


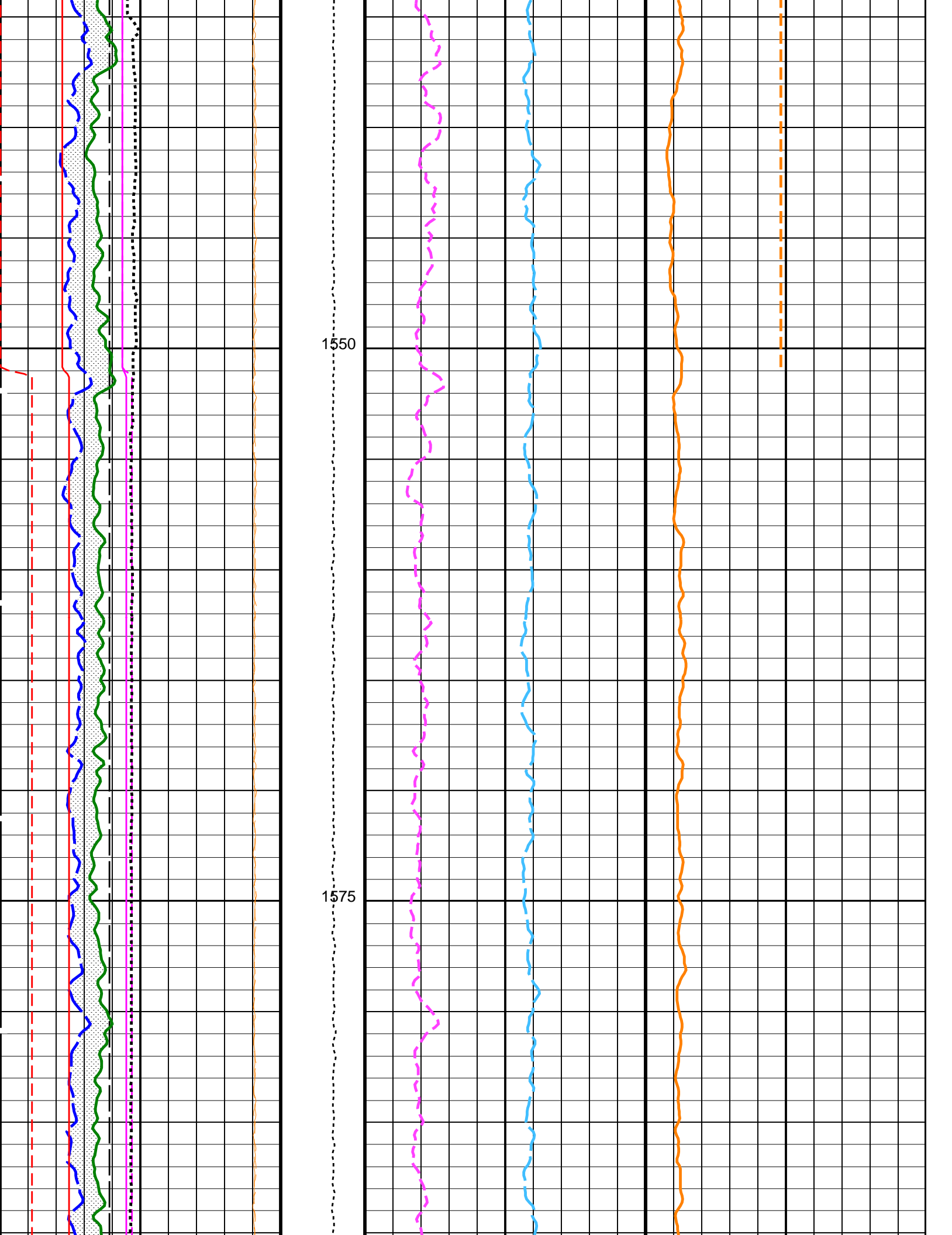


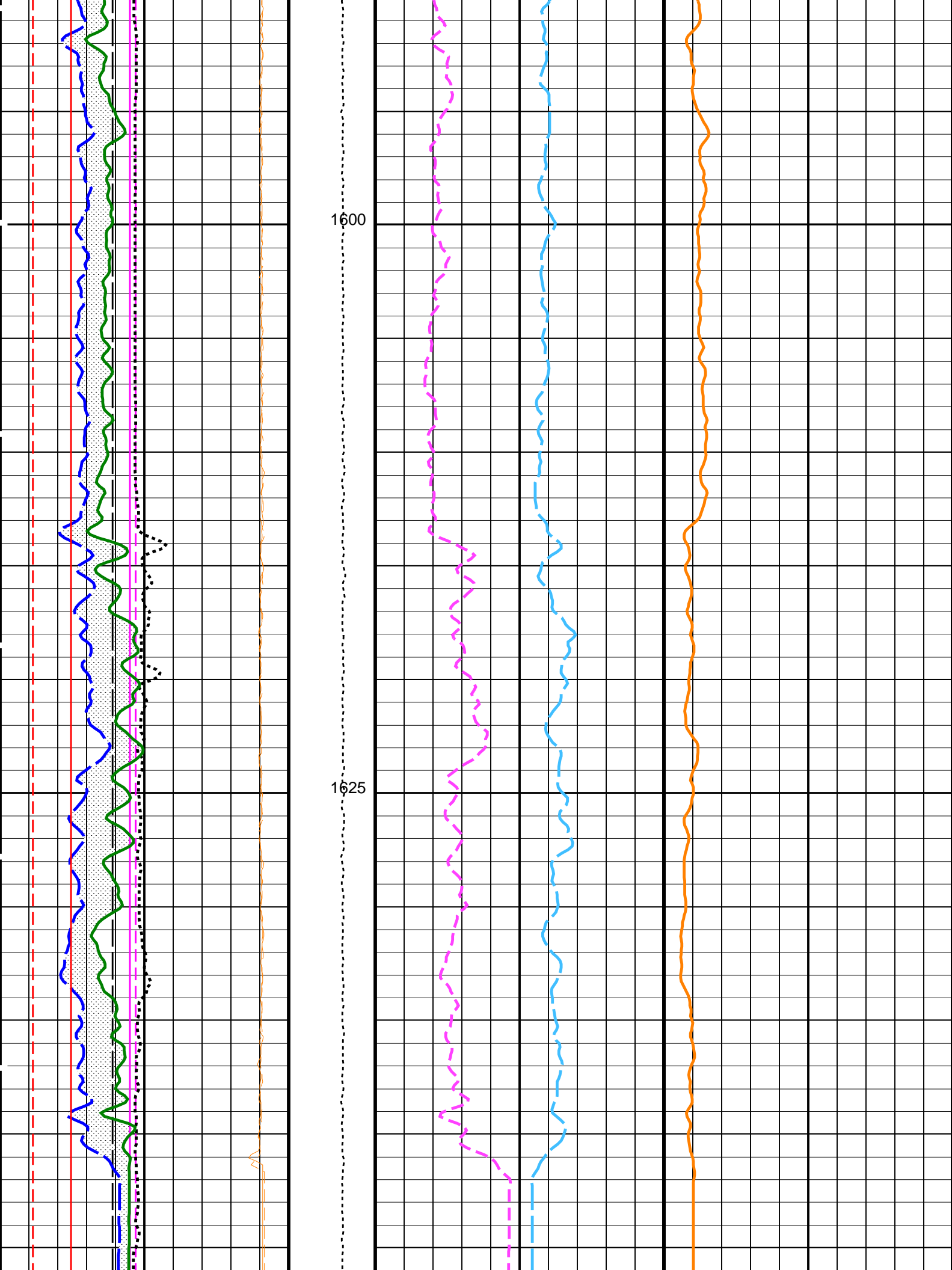


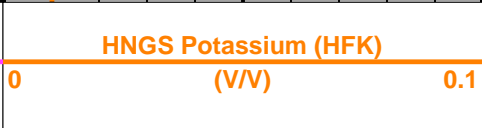
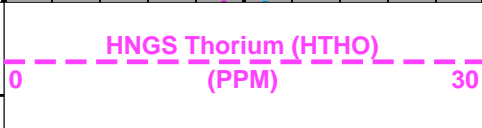
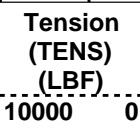
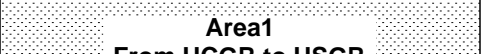
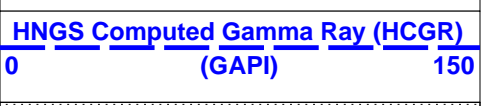
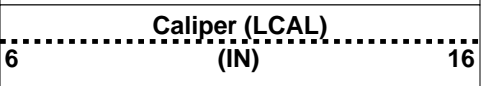
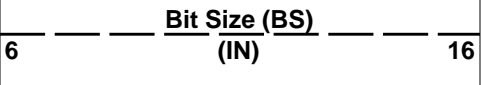
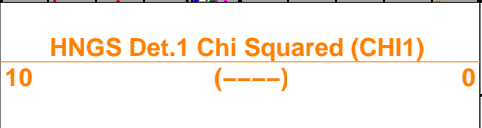
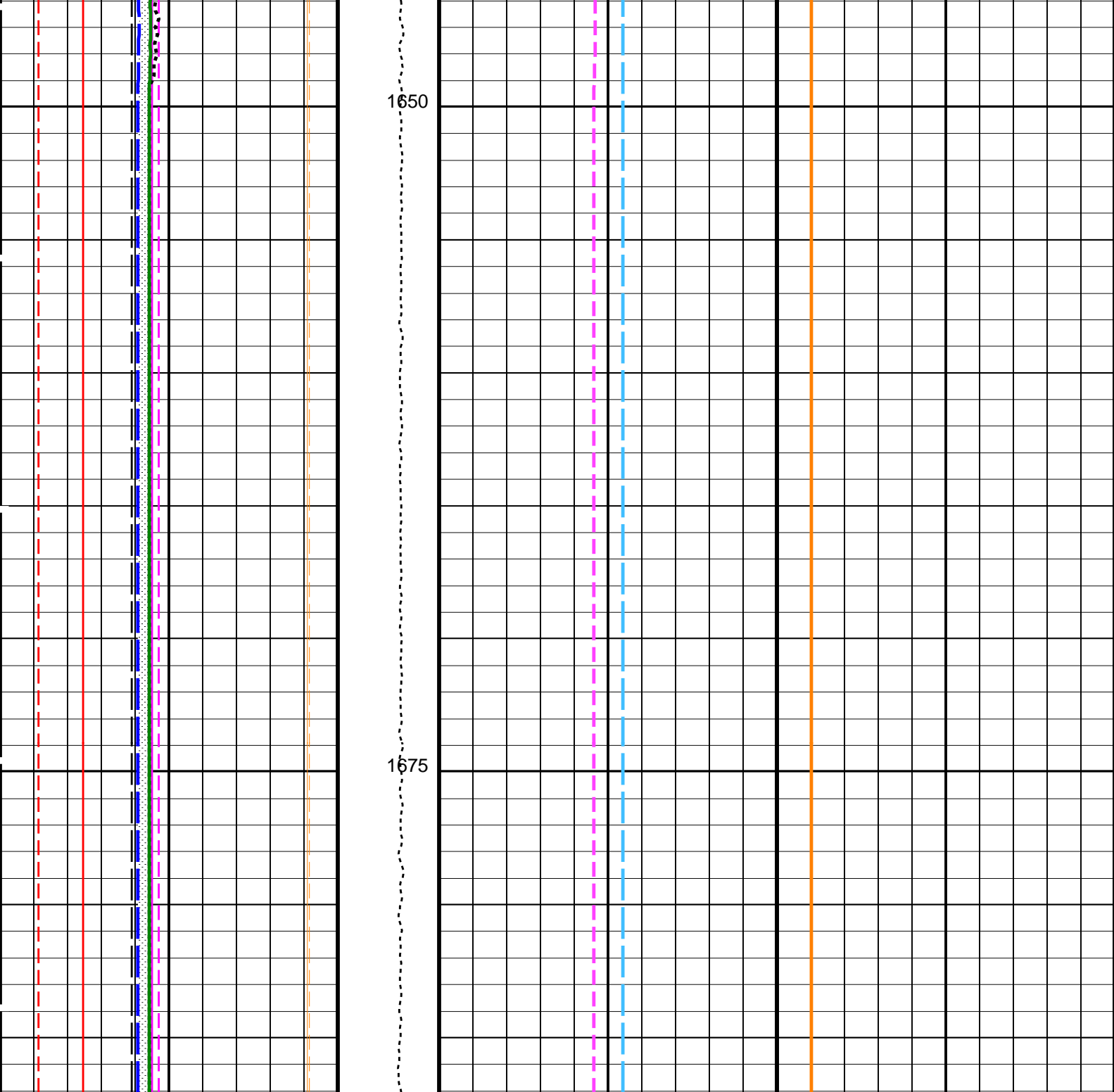
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1525









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

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
HRLT-B: High Resolution Laterolog Array – B			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
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	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.0338331	
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	1.04807	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.968602	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
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: 25-Sep-2023 06:29

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-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 400, Site U1607A

Output DLIS Files

DEFAULTMSS_LDEO_DSI_HRLA_009LUPFN:7PRODUCER25-Sep-2023 06:291687.1 M736.1 M

OP System Version: 19C0-187

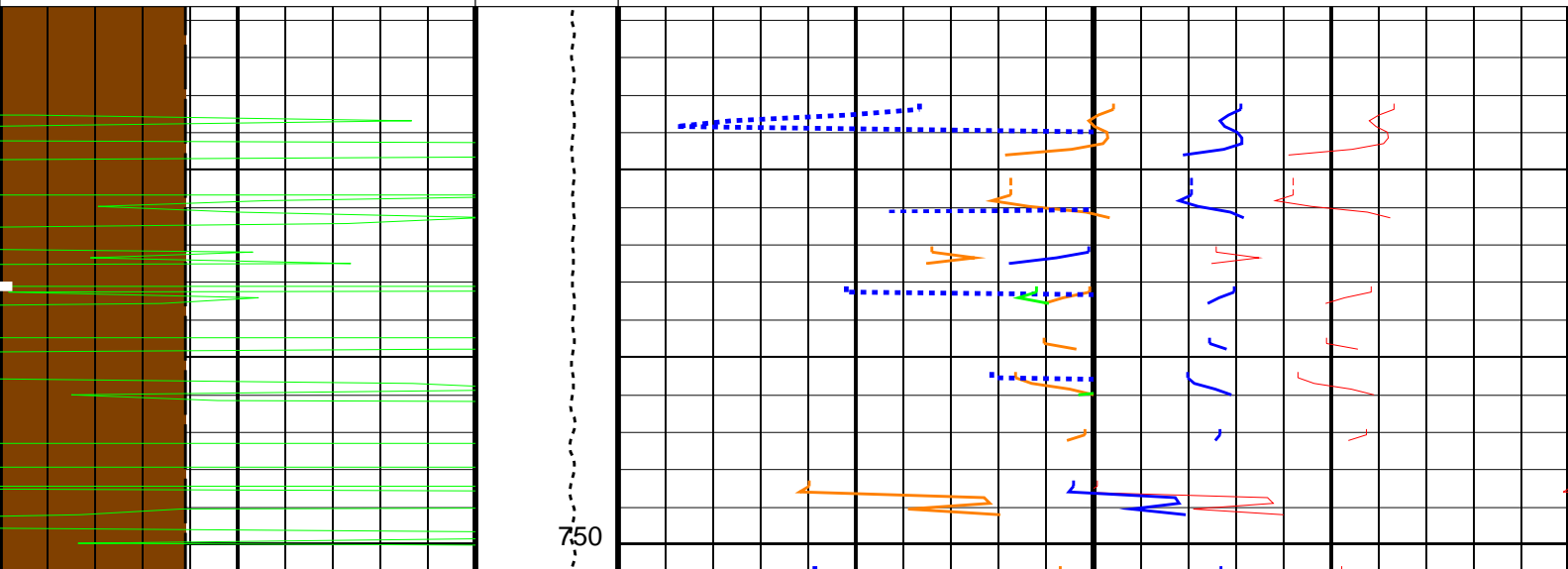
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Changed Parameter Summary			
DLIS Name	New Value	Previous Value	Depth & Time
BS	9.875 IN	9.875 IN	1372.4 07:03:15

PIP SUMMARY

Time Mark Every 60 S

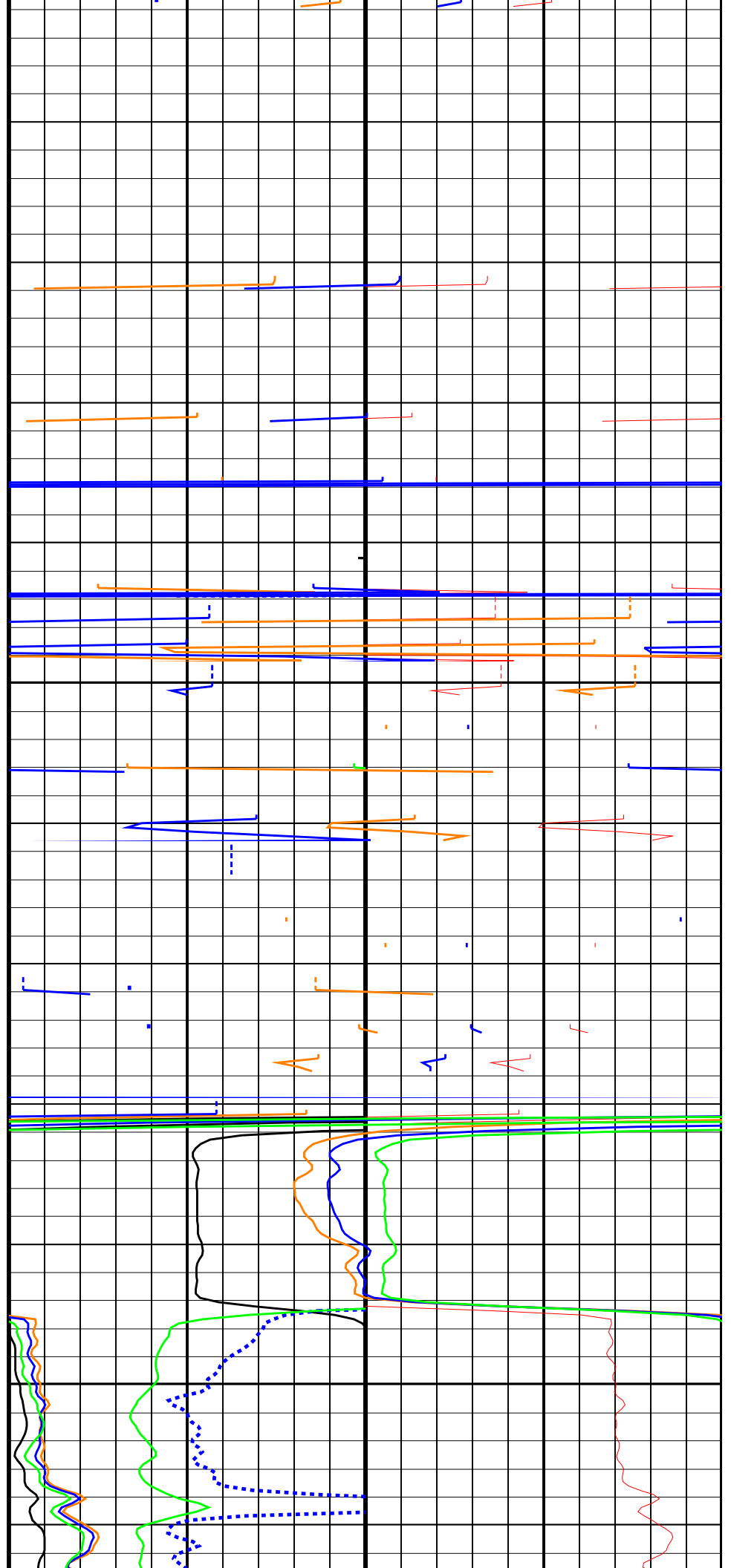
HLDS Long Spacing Quality Indicator (LQLS)		HLDS Short Spaced Bulk Density (RHS)	
-0.25	(-----) 0.25	2	3
HLDS Short Spacing Quality Indicator (LQSS)		HLDS Long Spaced Photoelectric Effect (PEFL)	
-0.25	(-----) 0.25	0	10
Washout From BS to HLDS_CALIPER		HLDS Short Spaced Photoelectric Effect (PEFS)	
Mudcake From HLDS_CALIPER to BS		0	10
HLDS Caliper (LCAL)		HLDS Long Spaced Bulk Density (RHL)	
6	(IN) 16	2	3
Bit Size (BS)		HLDS SS2 Density (RHS3)	
6	(IN) 16	2	3
HLDS Bulk Density Correction (DRH)		HLDS Density Porosity (DPO)	
-0.25	(G/C3) 0.25	2	30
Tension (TENS) (LBF)		HLDS Bulk Density (RHOM)	
10000	0	2	3

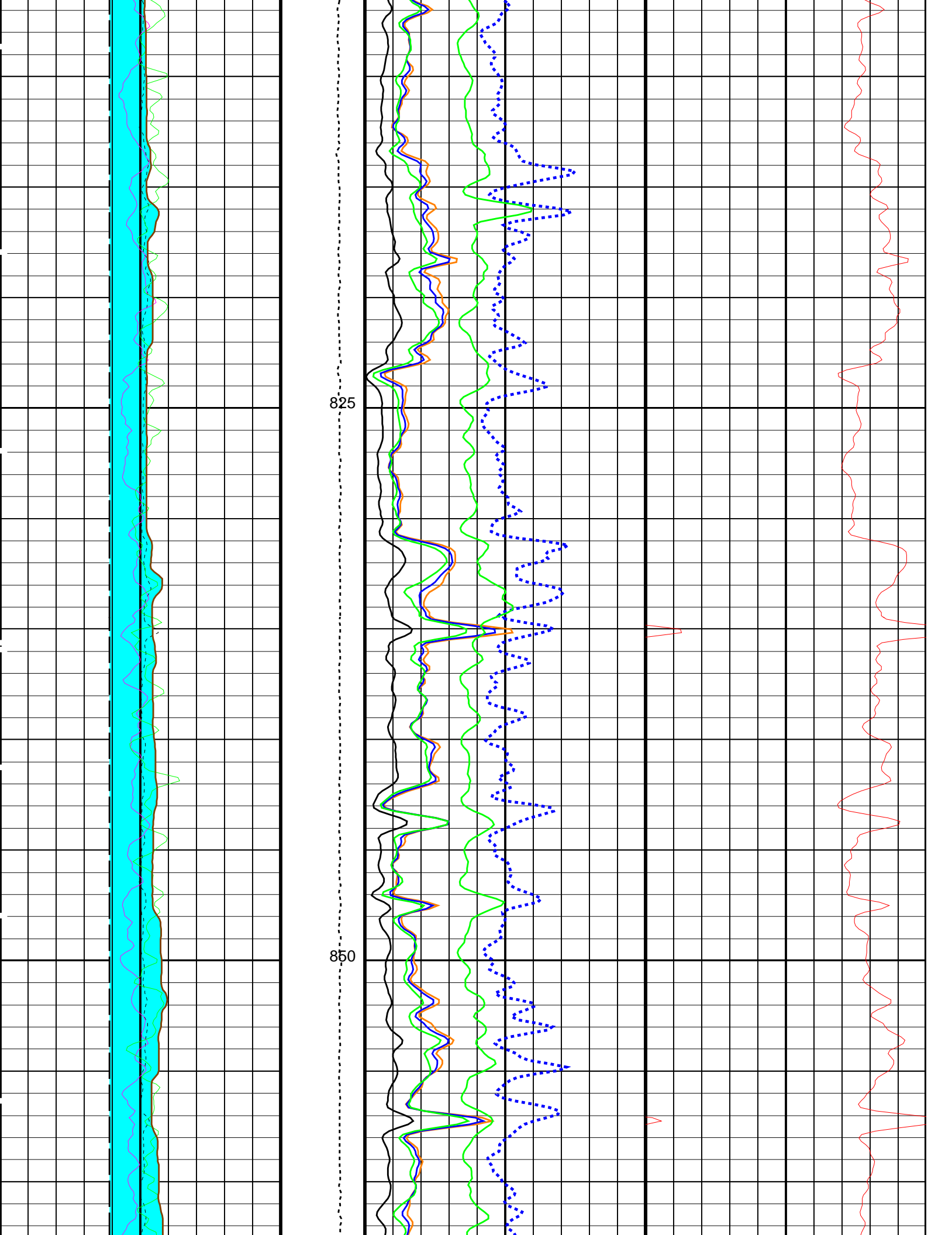


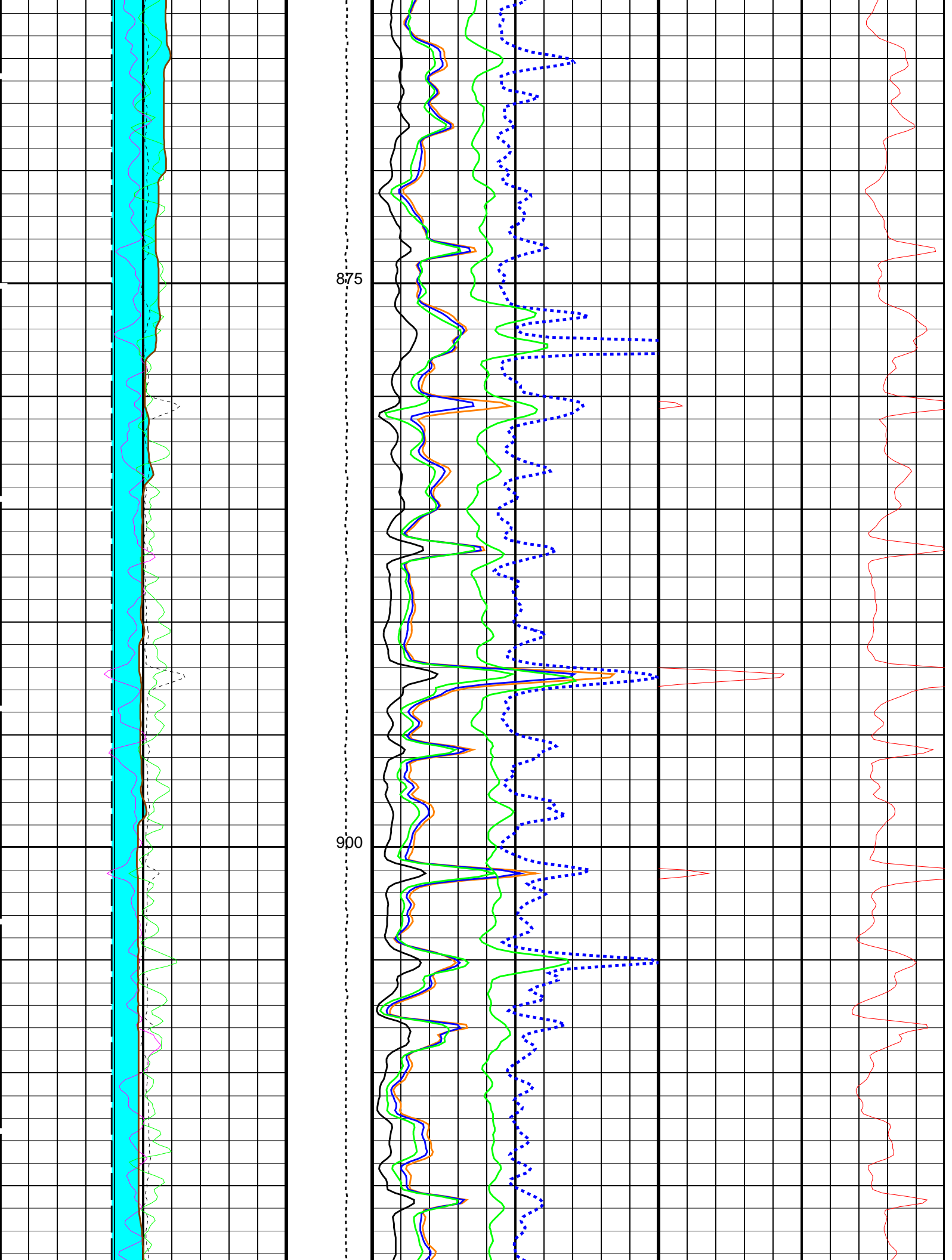


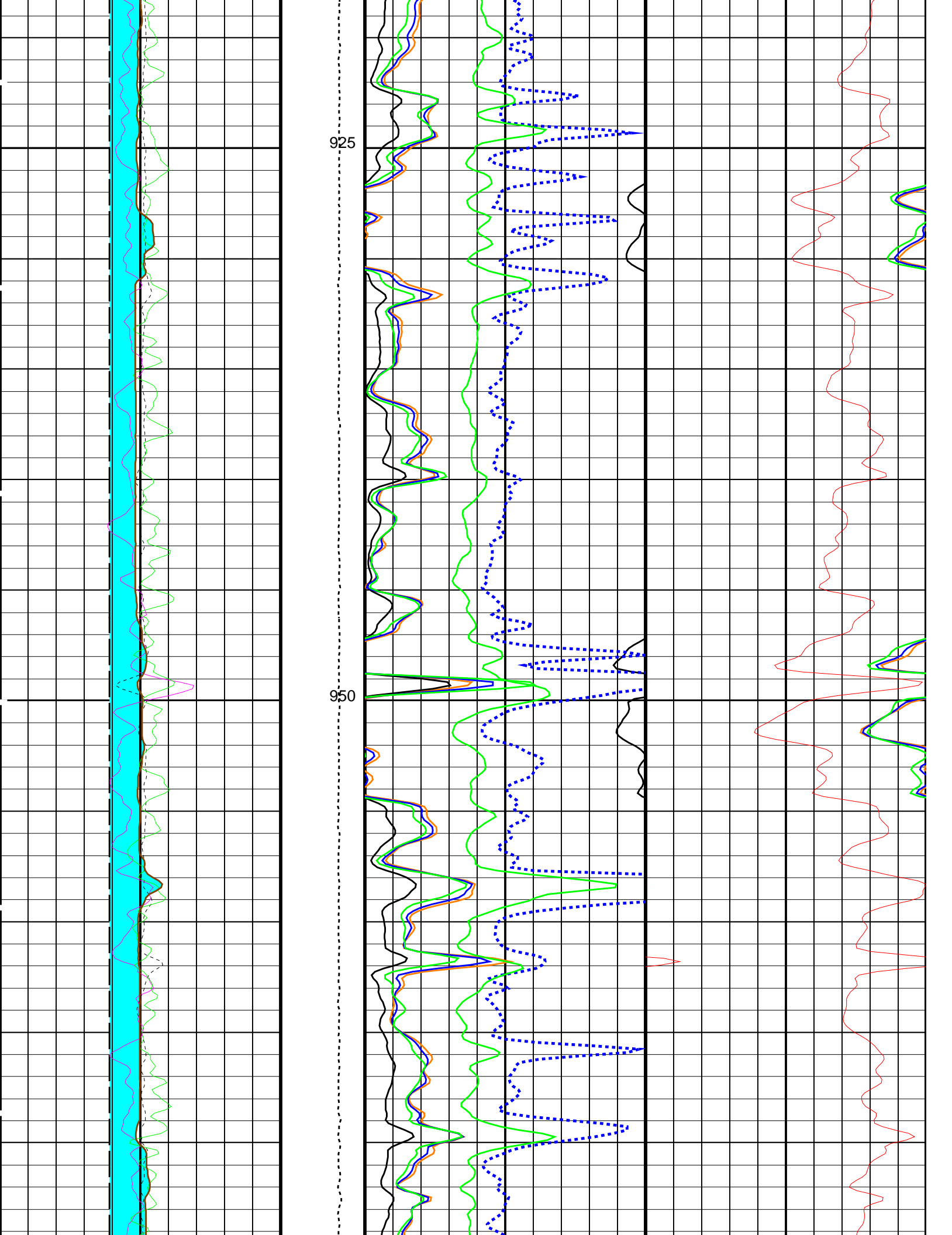
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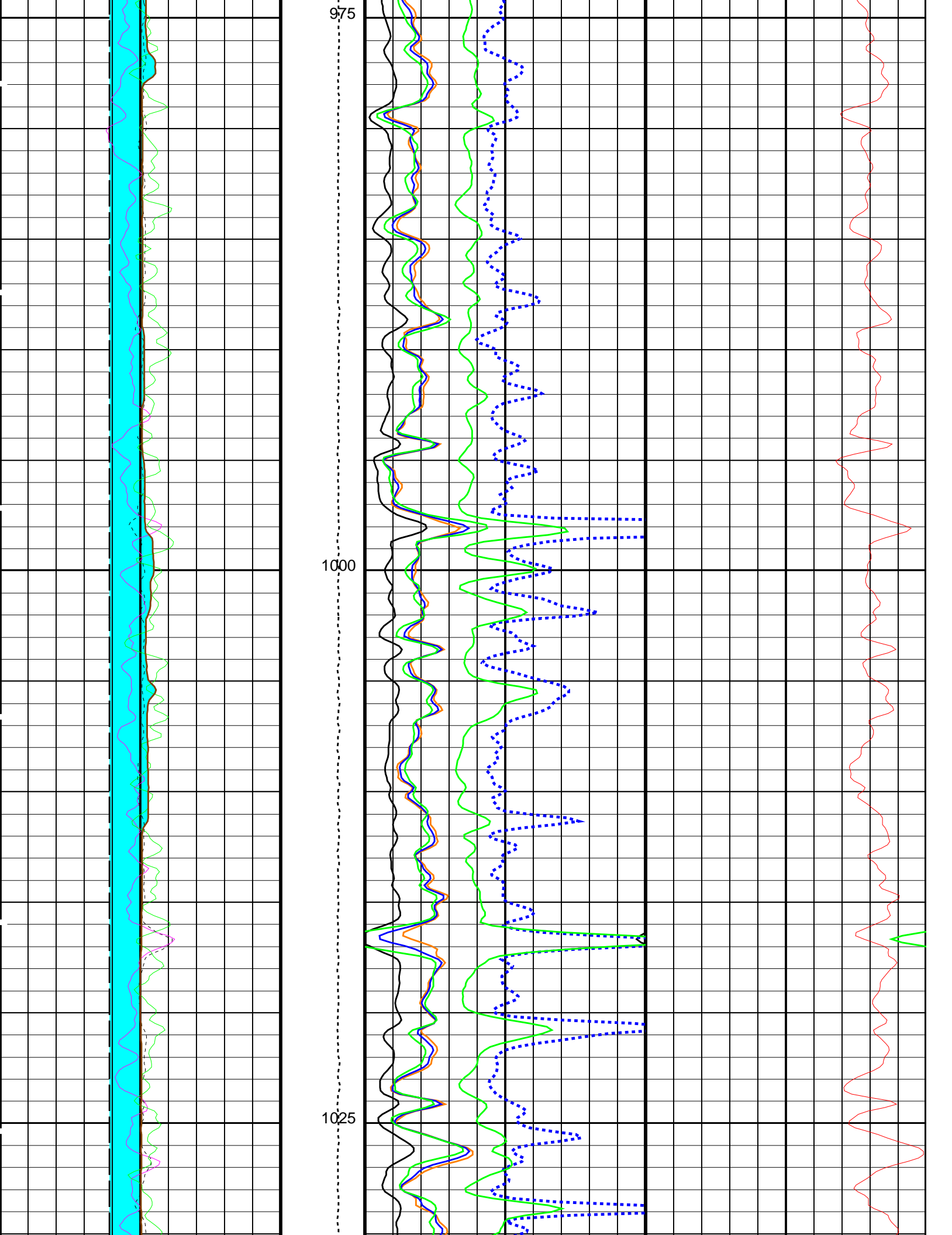
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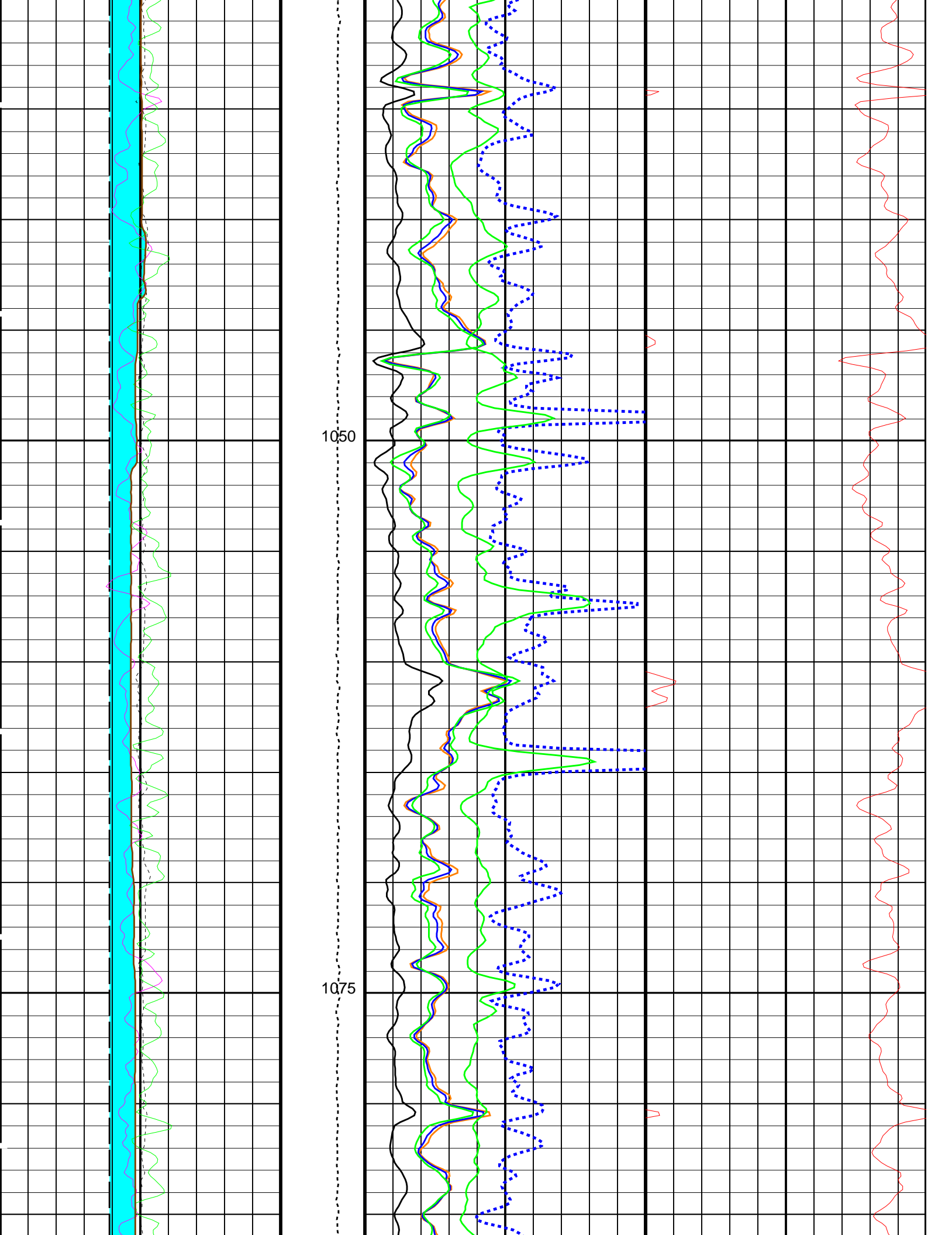


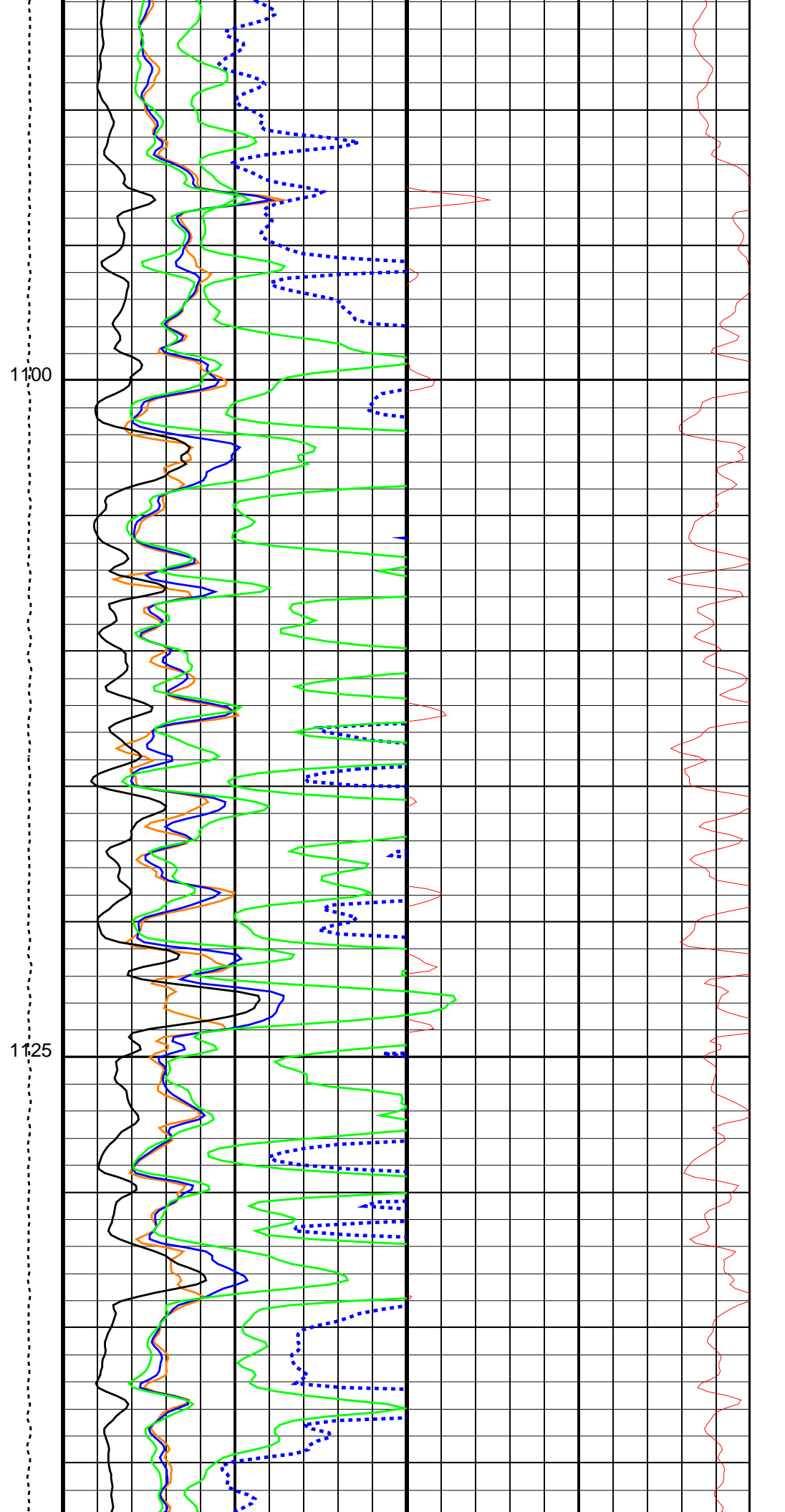
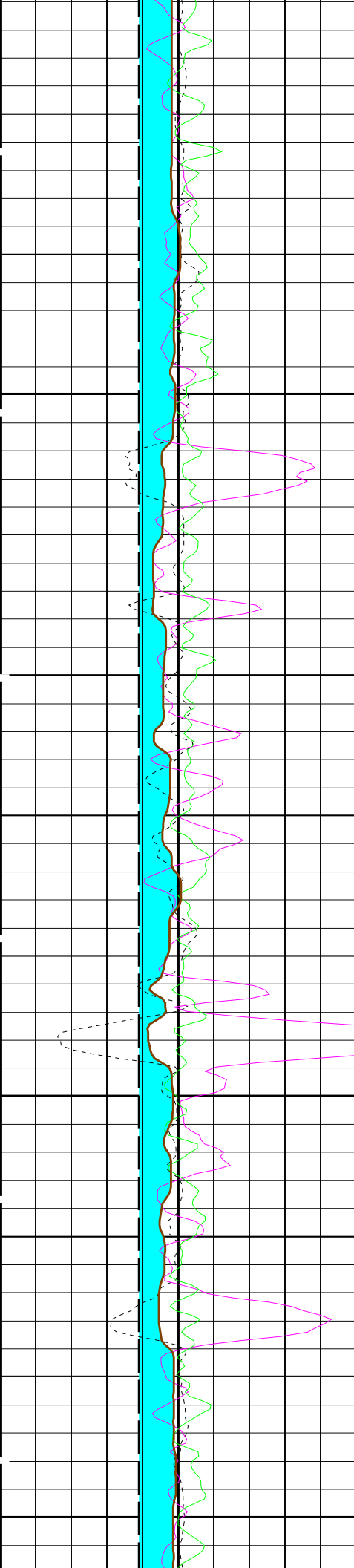


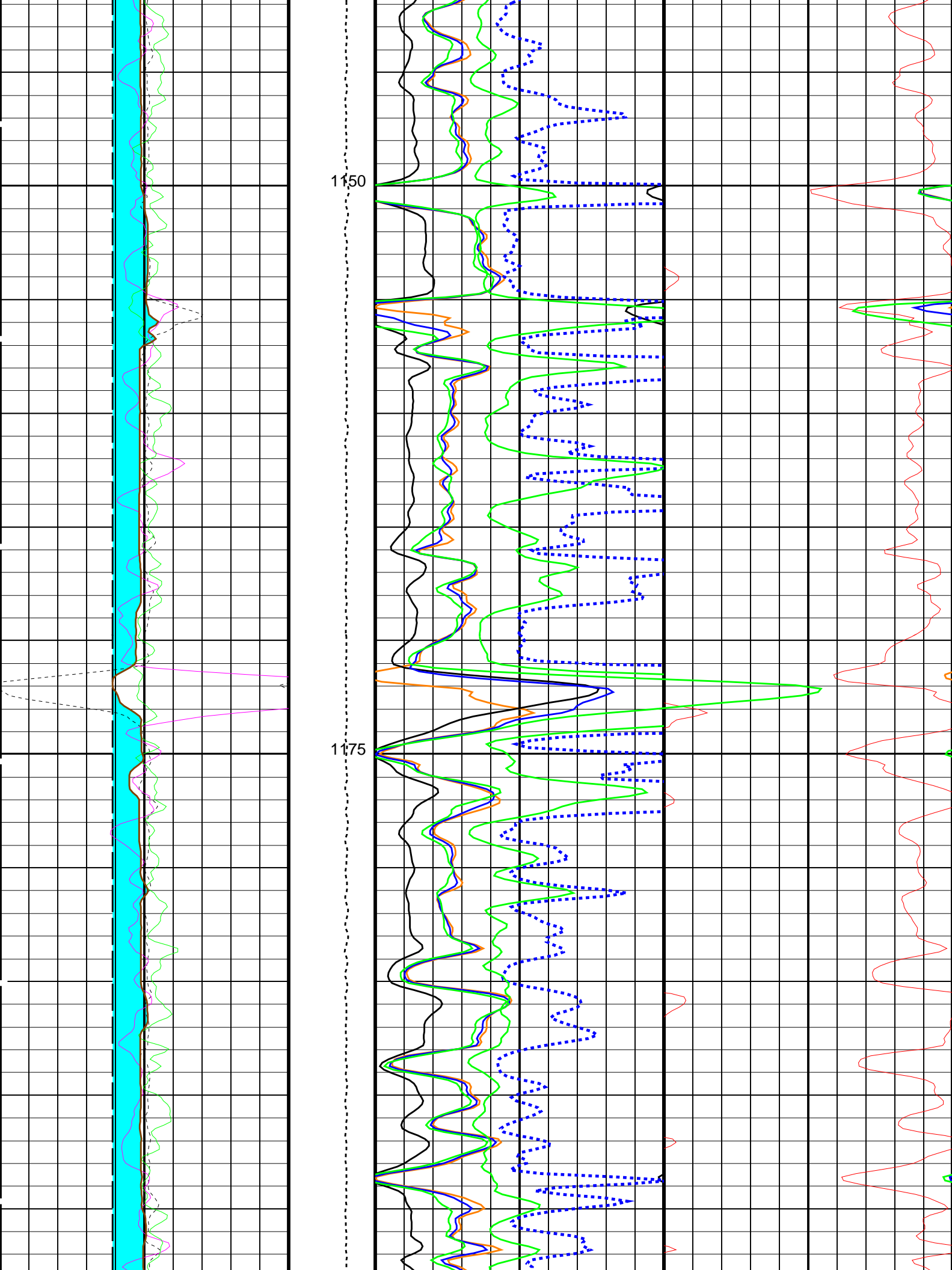


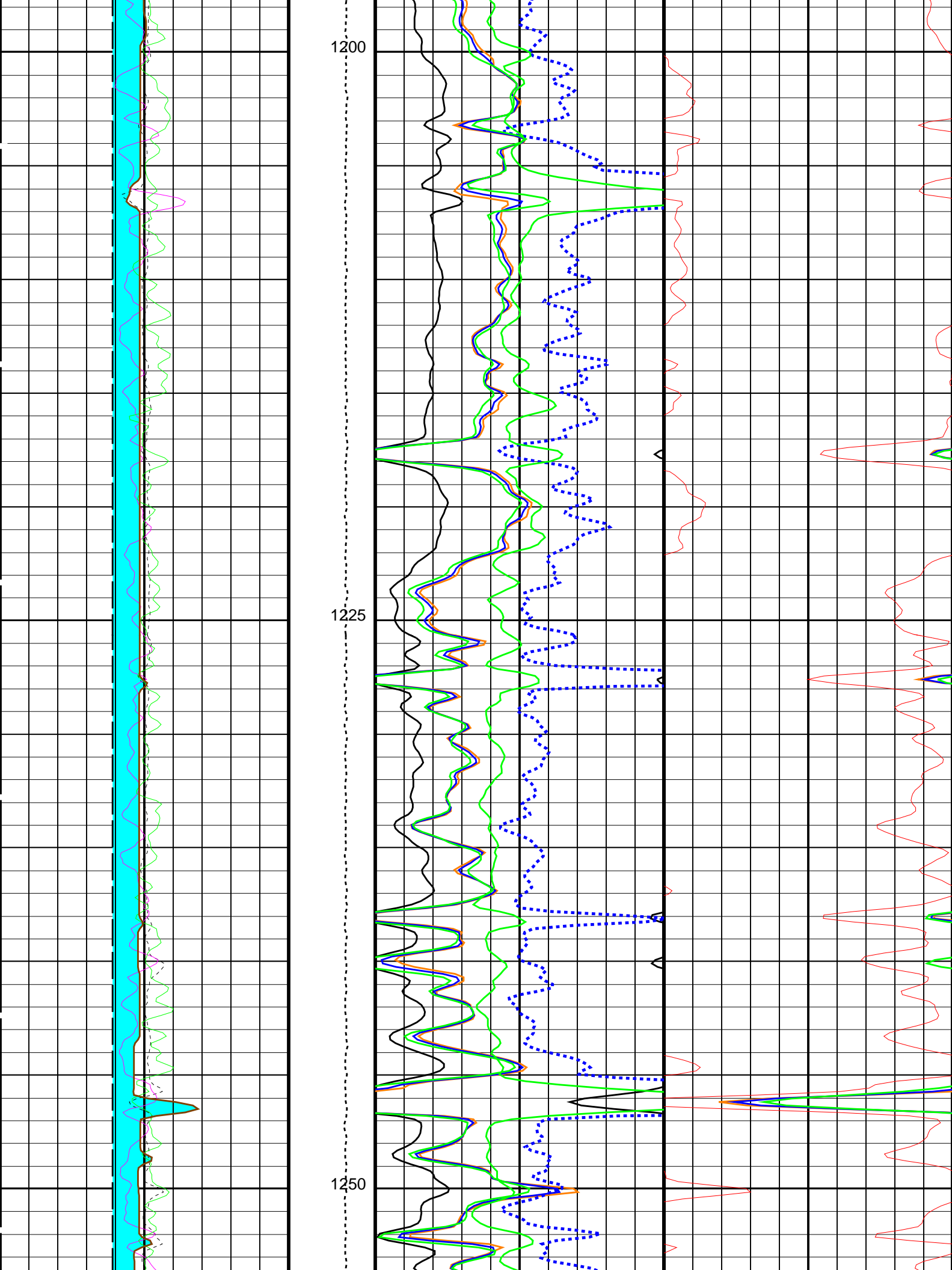


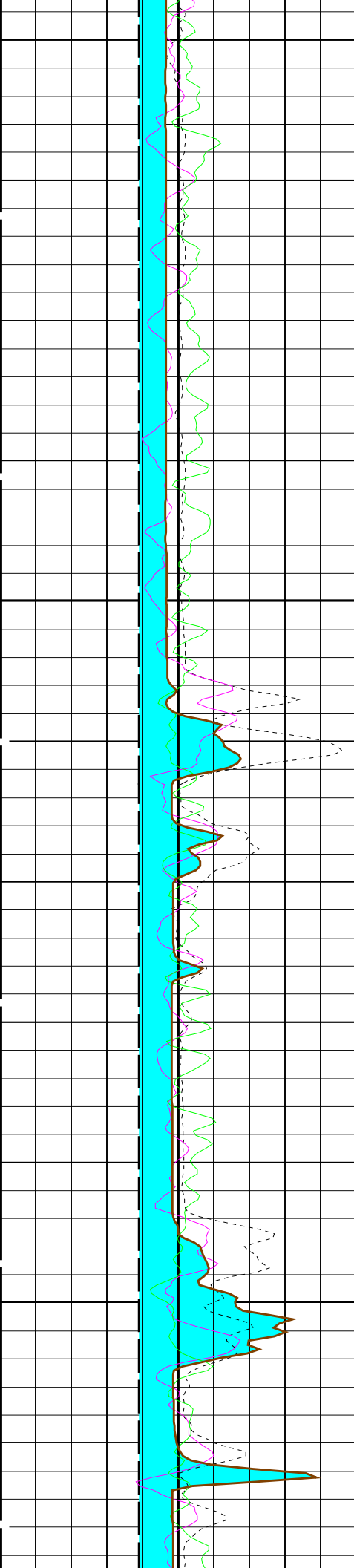






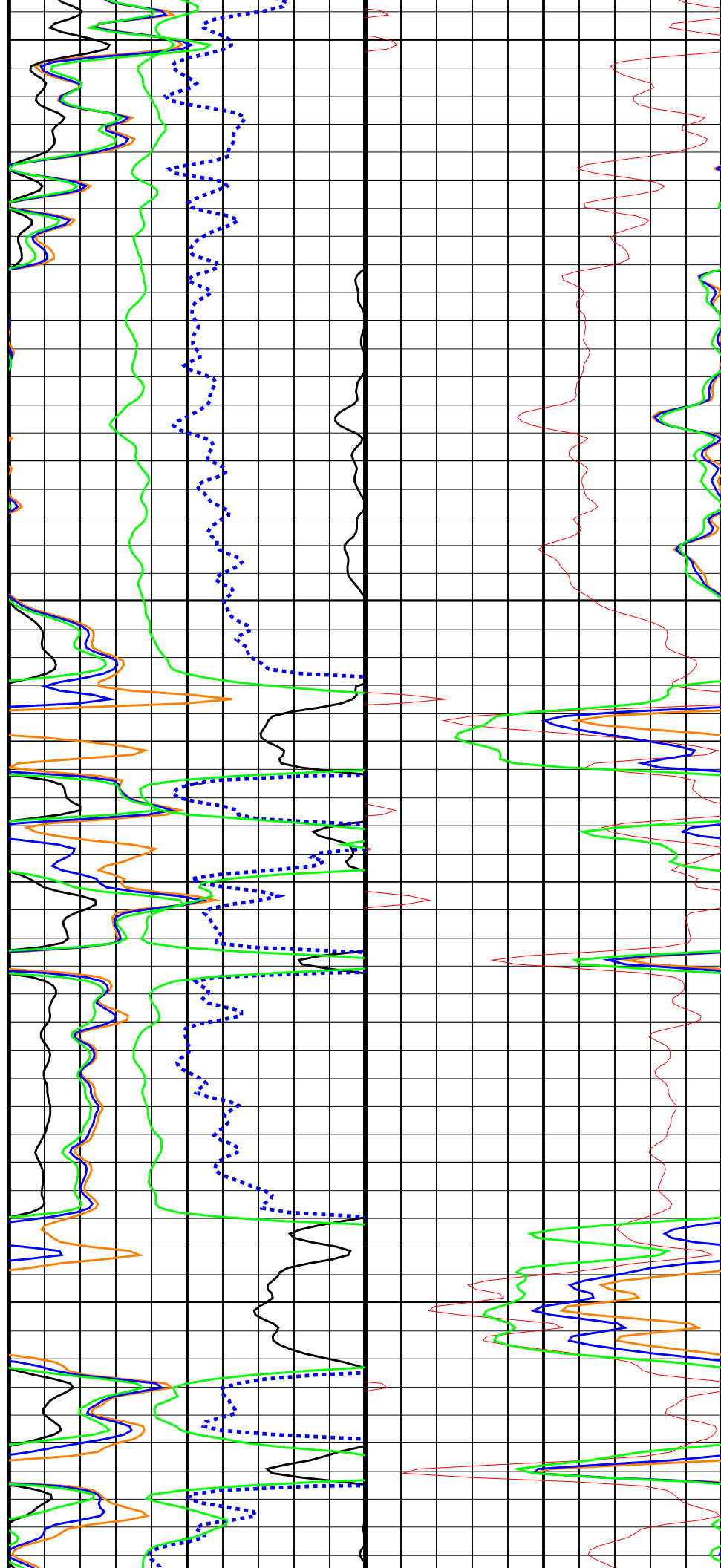


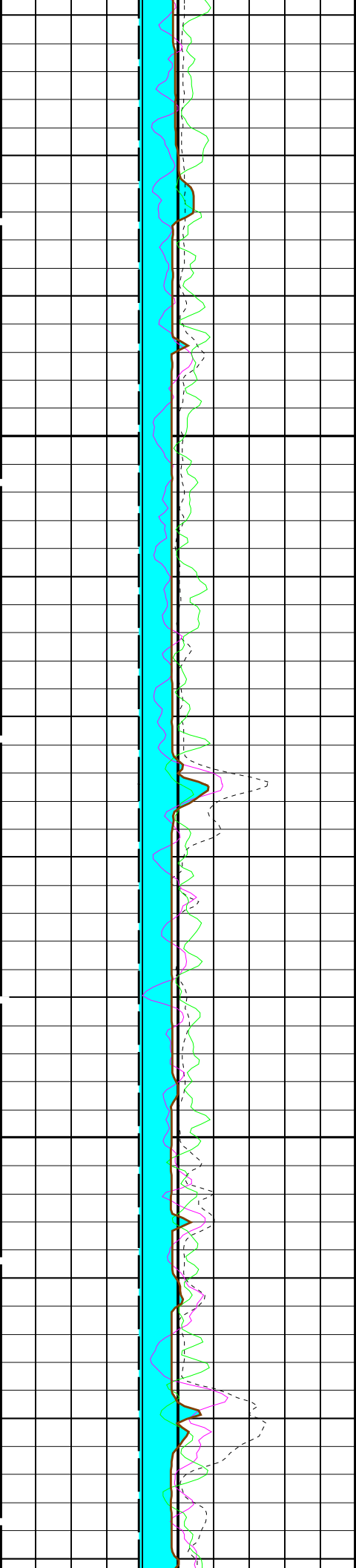




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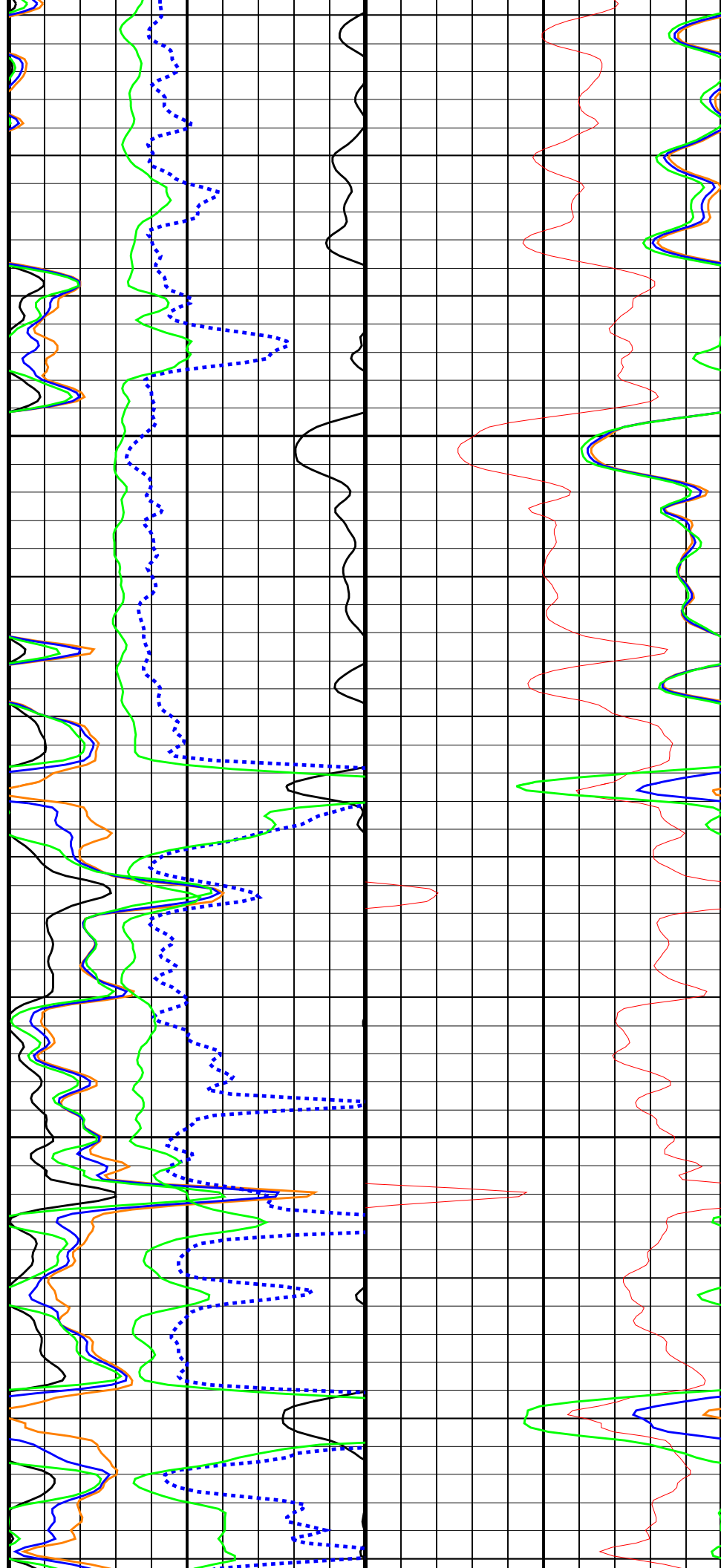
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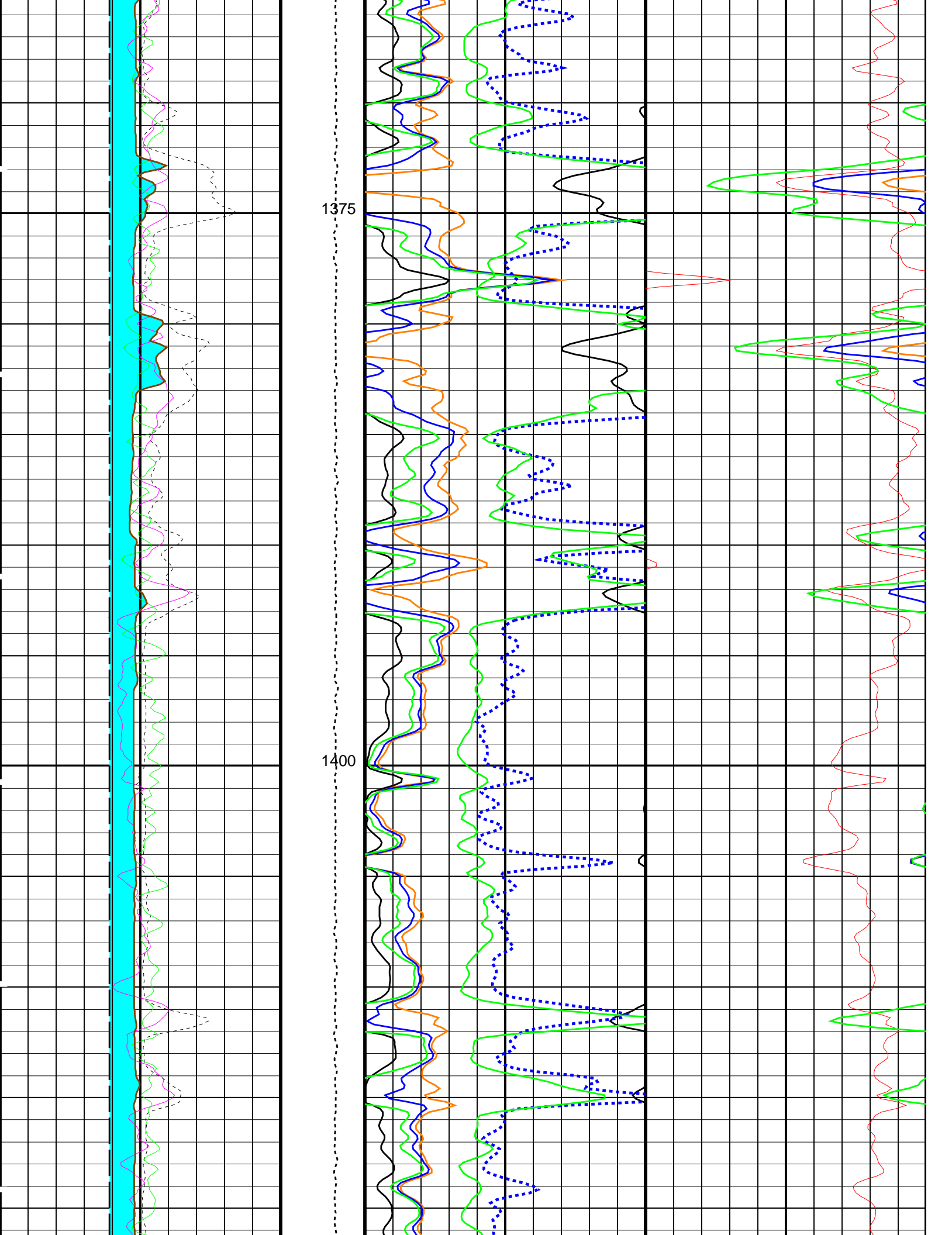


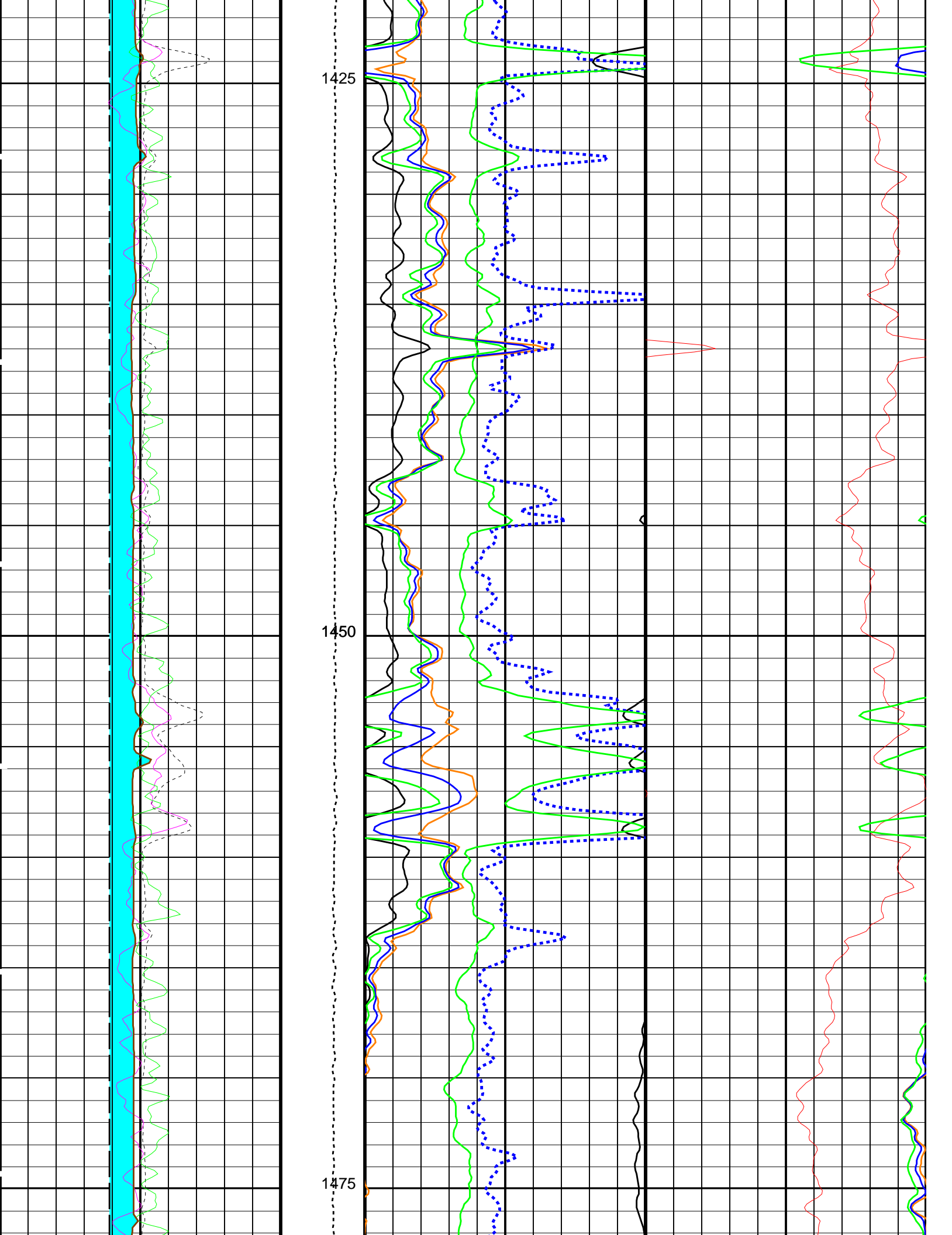


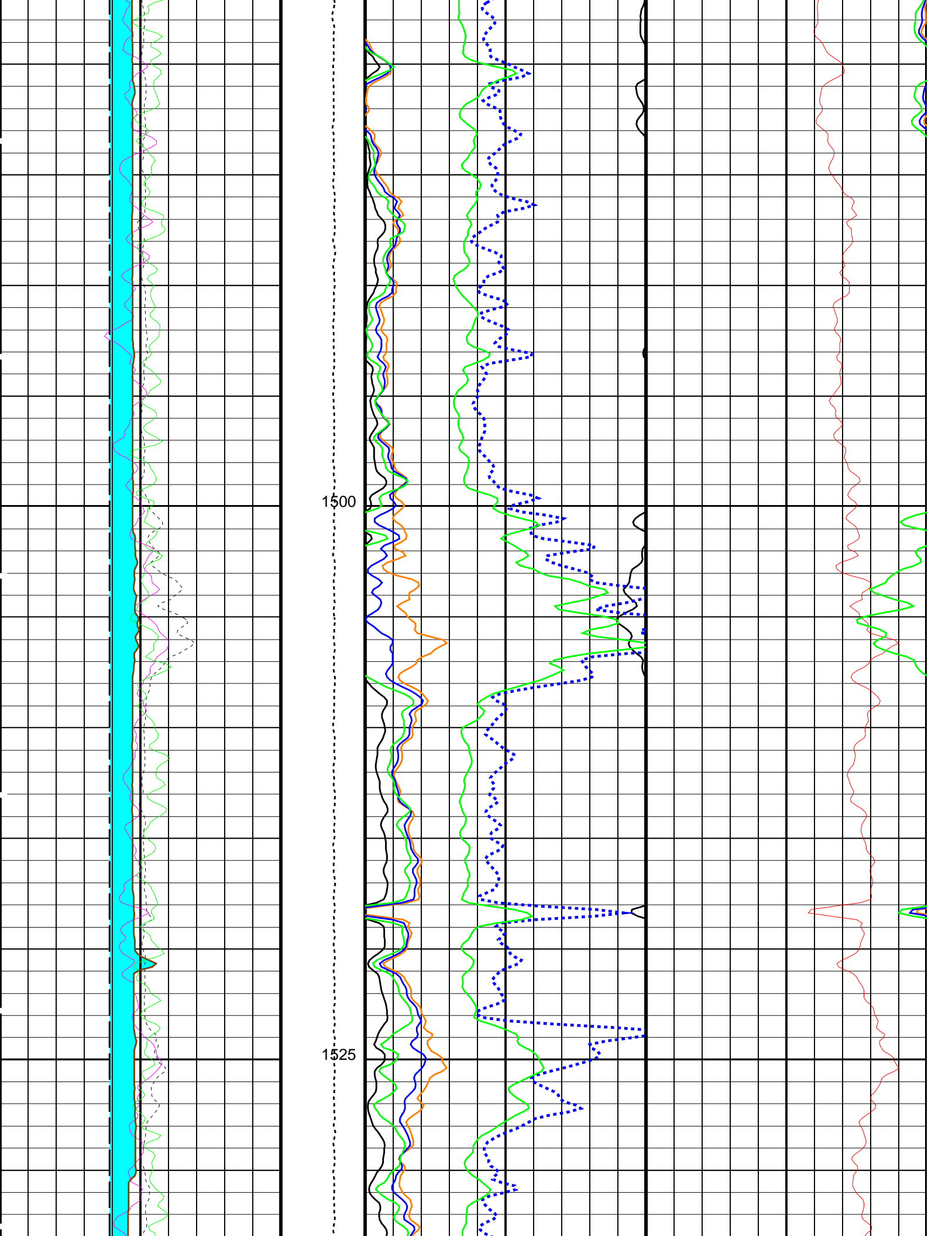
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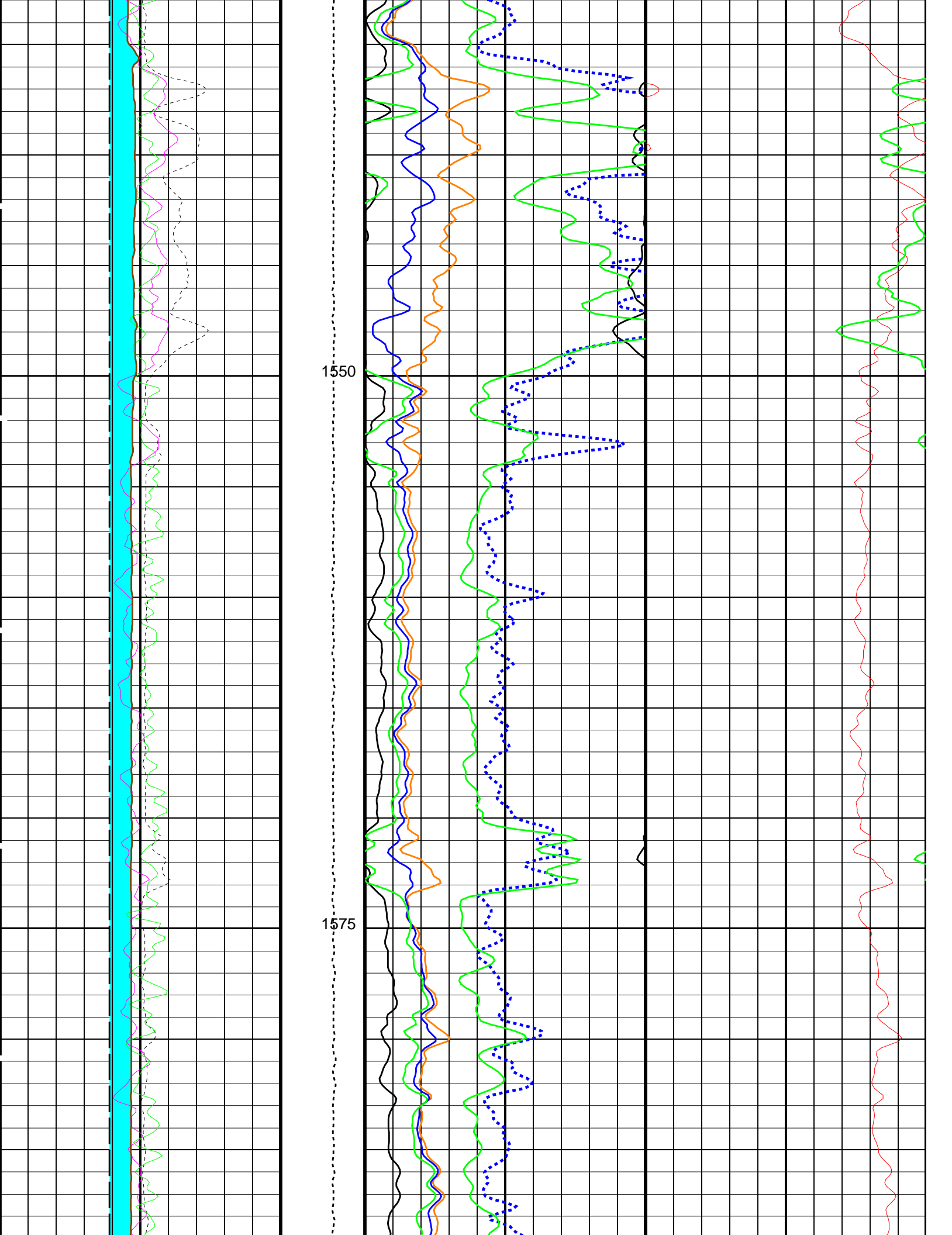
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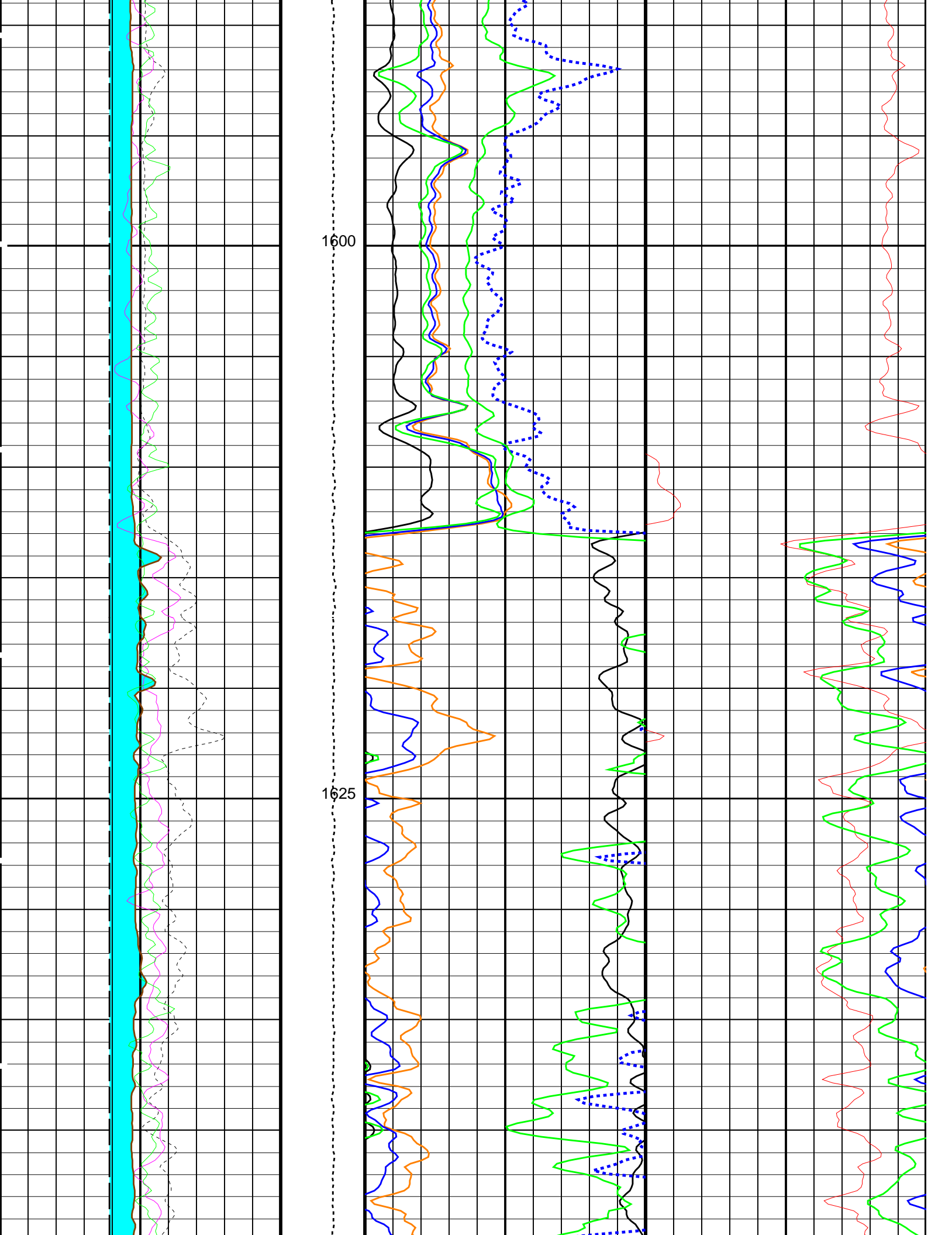


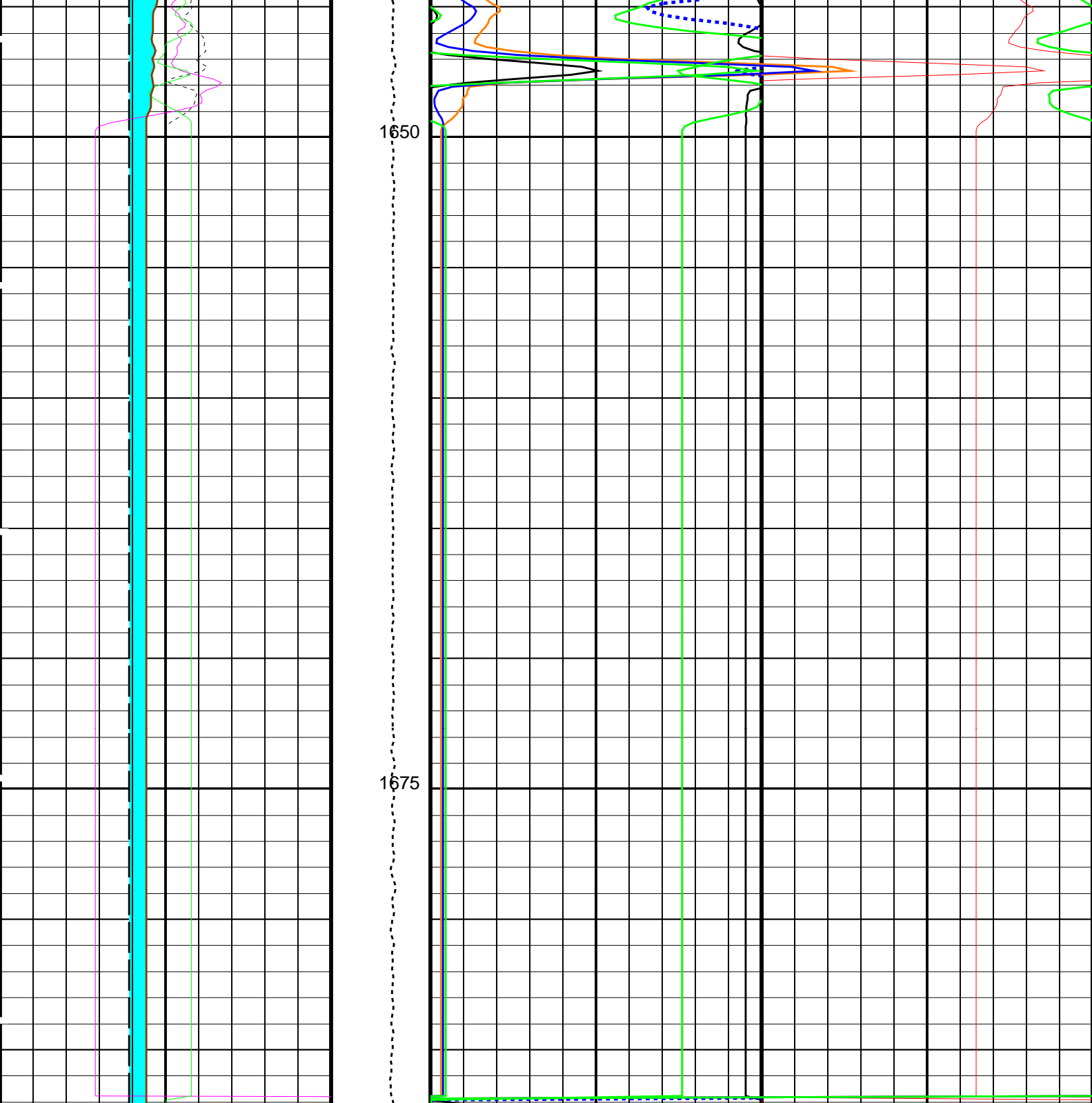






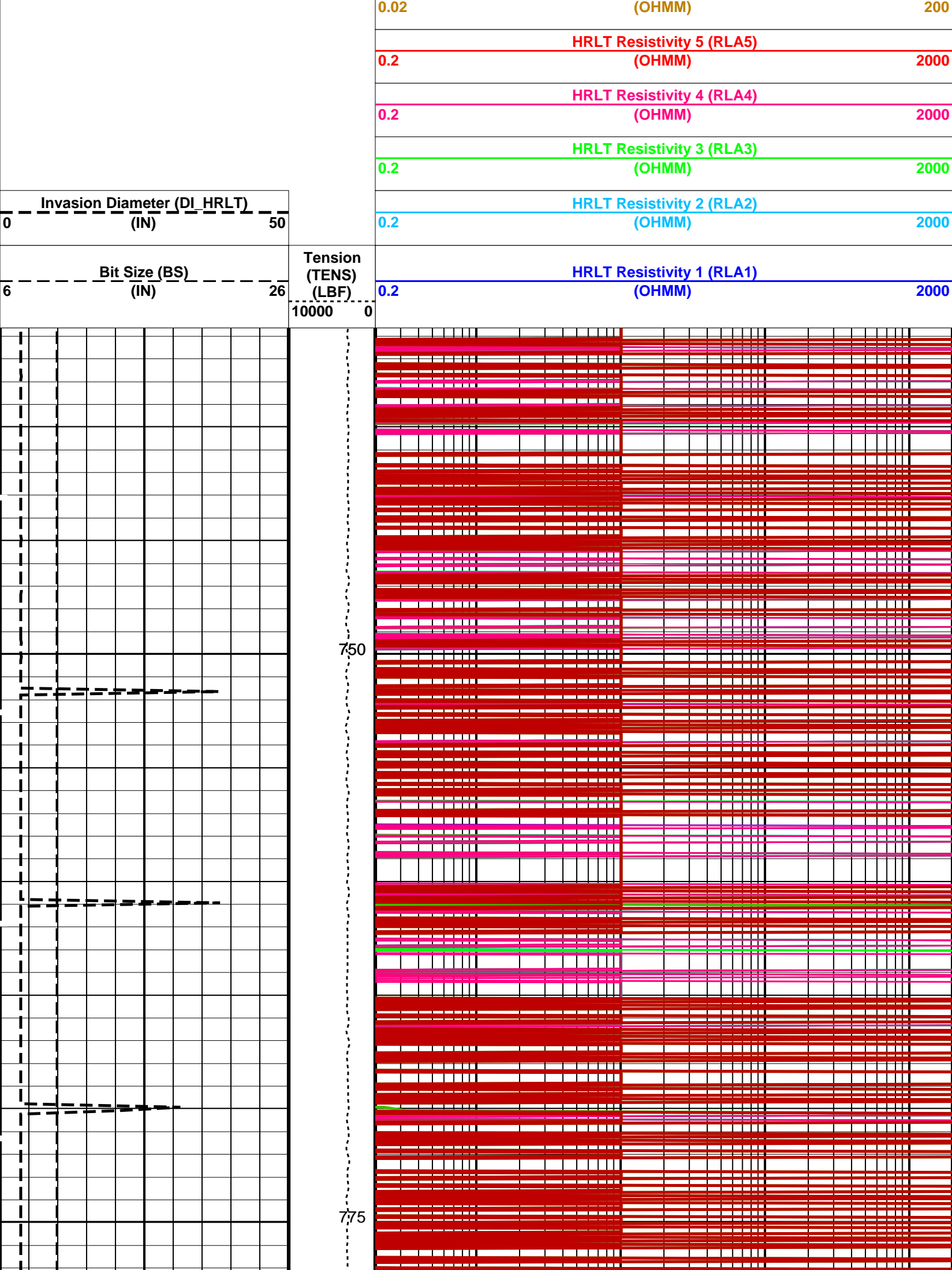


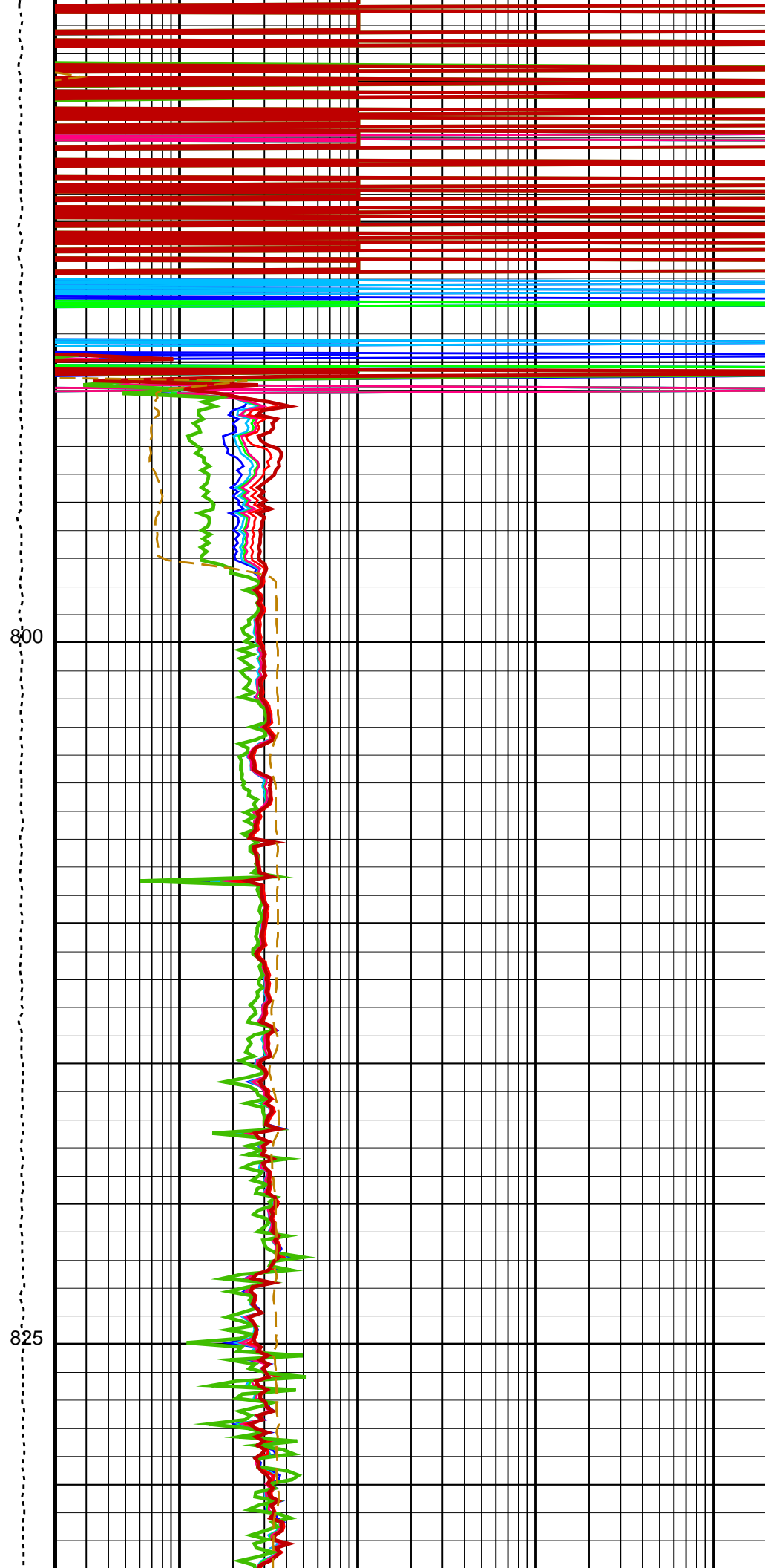
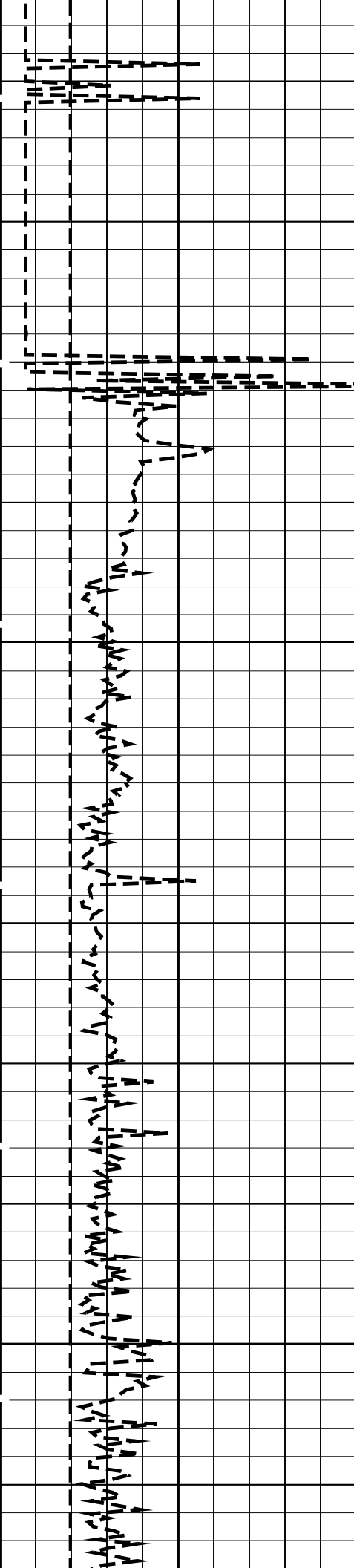


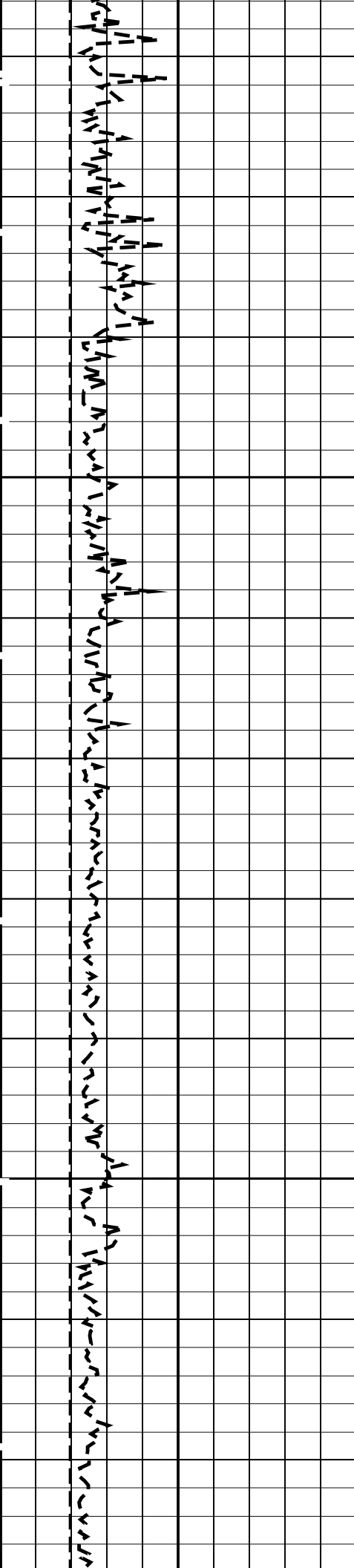


HLDS Bulk Density Correction (DRH) -0.25 (G/C3) 0.25		HLDS Bulk Density (RHOM) 2 (G/C3) 3	
Bit Size (BS) 6 (IN) 16		HLDS SS2 Density (RHS3) 2 (G/C3) 3	HLDS Density Porosity (DPO) 30 (PU) 0
HLDS Caliper (LCAL) 6 (IN) 16		HLDS Long Spaced Bulk Density (RHL) 2 (G/C3) 3	
Mudcake From HLDS_CALIPER to BS		HLDS Short Spaced Photoelectric Effect (PEFS) 0 (----) 10	
Washout From BS to HLDS_CALIPER		HLDS Long Spaced Photoelectric Effect (PEFL) -----	

HLDS Short Spacing Quality Indicator (LQSS)			HLDS Short Spaced Bulk Density (RHS)		
-0.25	(-----)	0.25	2	(G/C3)	3
HLDS Long Spacing Quality Indicator (LQLS)					
-0.25	(-----)	0.25			
PIP SUMMARY					
Time Mark Every 60 S					
Parameters					
DLIS Name		Description		Value	
HLDS: Hostile Litho-Density Sonde					
DHC	Density Hole Correction		CALIPER		
DPPM	Density Porosity Processing Mode		HIRS		
FD	Fluid Density		1	G/C3	
LATC	HLDS Activation Correction		OFF		
MDEN	Matrix Density		2.71	G/C3	
EDTC-B: Enhanced DTS Cartridge					
DPPM	Density Porosity Processing Mode		HIRS		
System and Miscellaneous					
BS	Bit Size		9.875	IN	
DFD	Drilling Fluid Density		9.00	LB/G	
Format: HLDSDensityPE		Vertical Scale: 1:200		Graphics File Created: 25-Sep-2023 06:29	
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009LUP	FN:7	PRODUCER	25-Sep-2023 06:29	
Company: International Ocean Discovery Program					
Well: Expedition 400, Site U1607A					
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009LUP	FN:7	PRODUCER	25-Sep-2023 06:29	1687.1 M 736.1 M
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		
Changed Parameter Summary					
DLIS Name		New Value		Previous Value Depth & Time	
BS		9.875 IN		9.875 IN 1372.4 07:03:15	
PIP SUMMARY					
Time Mark Every 60 S					
			HRLT True Resistivity (RT_HRLT)		
0.2			(OHMM)		2000
			Invaded Zone Resistivity (RXO_HRLT)		
0.2			(OHMM)		2000
			HRLT Mud Resistivity (RM_HRLT)		

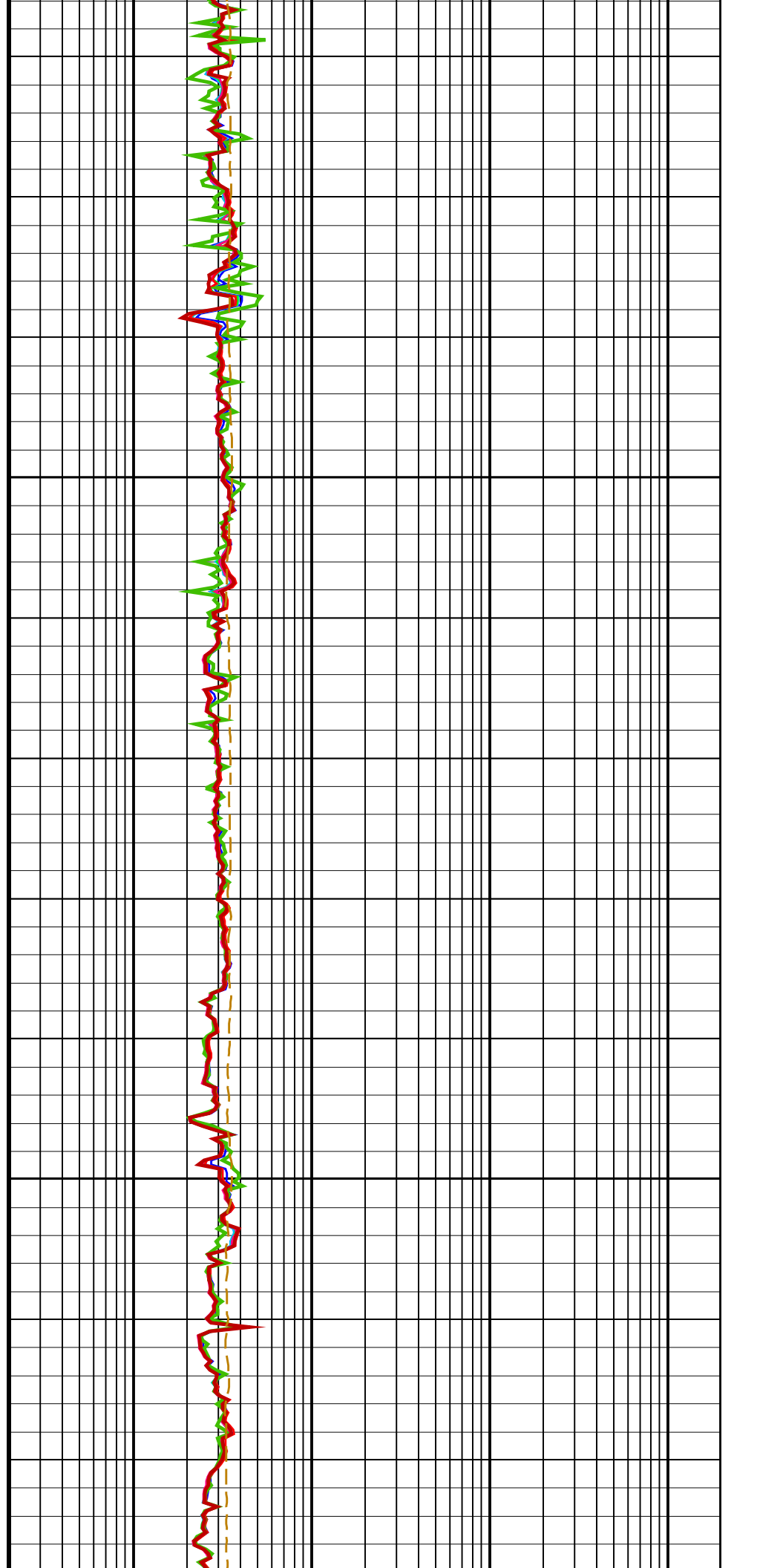


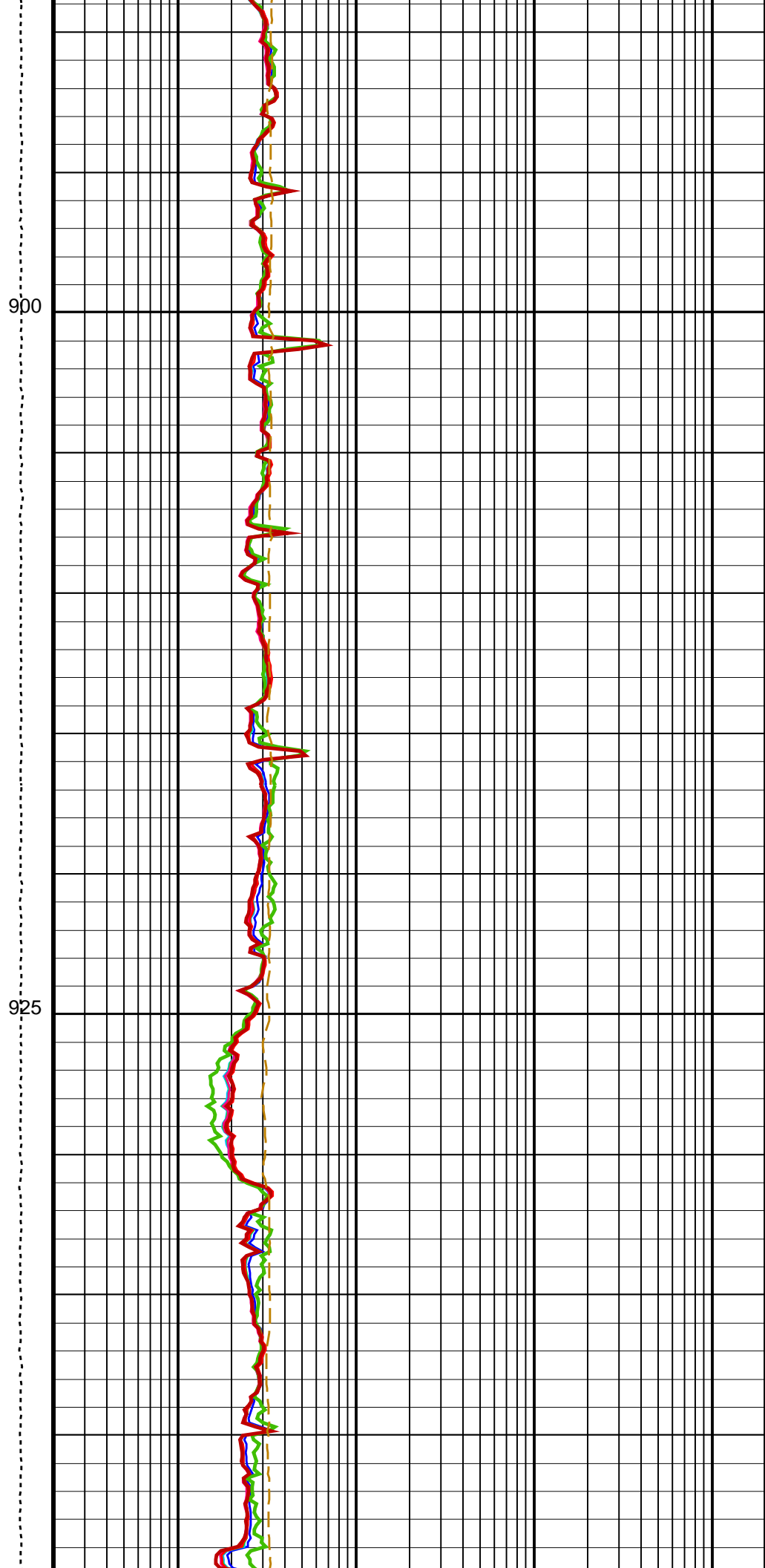
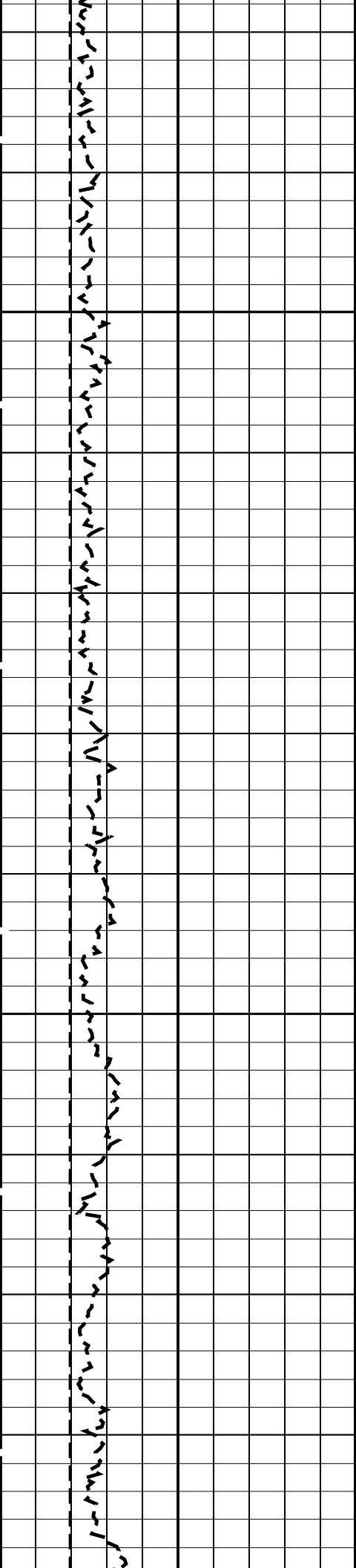


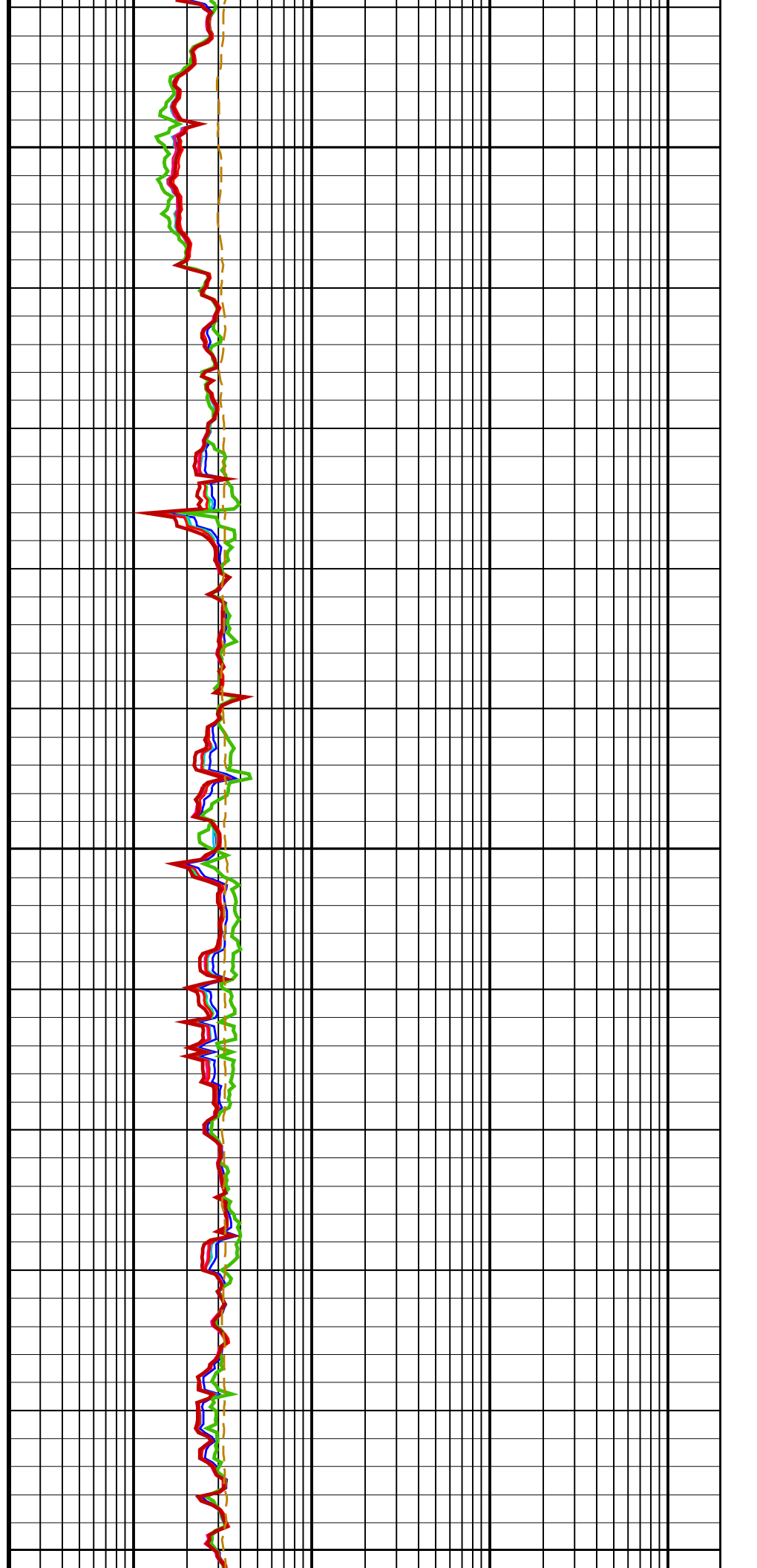
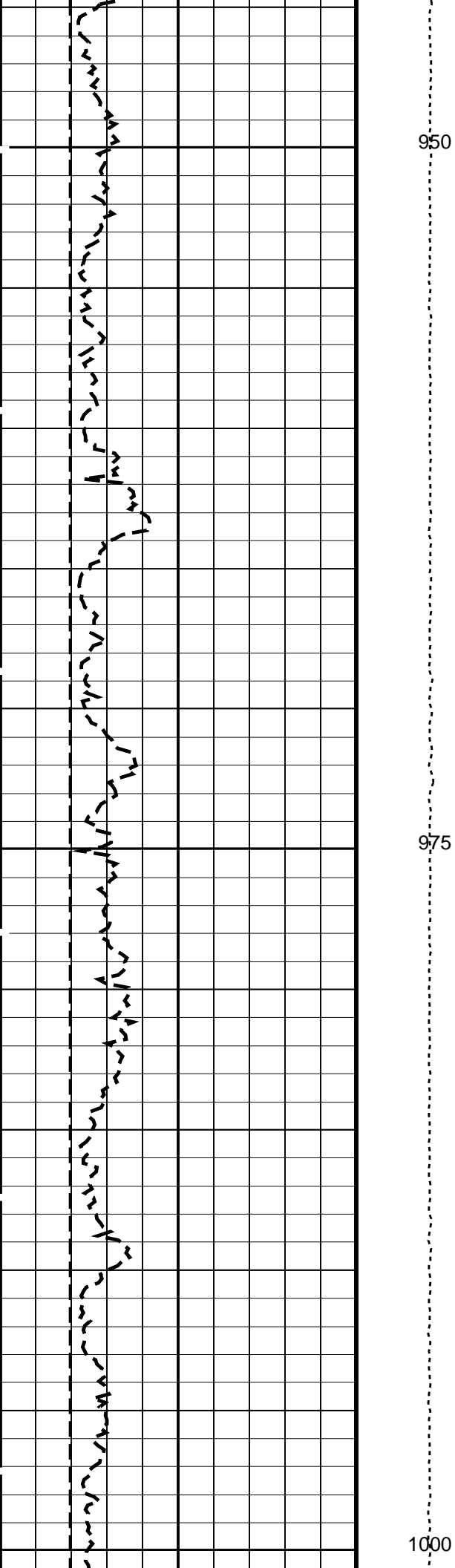


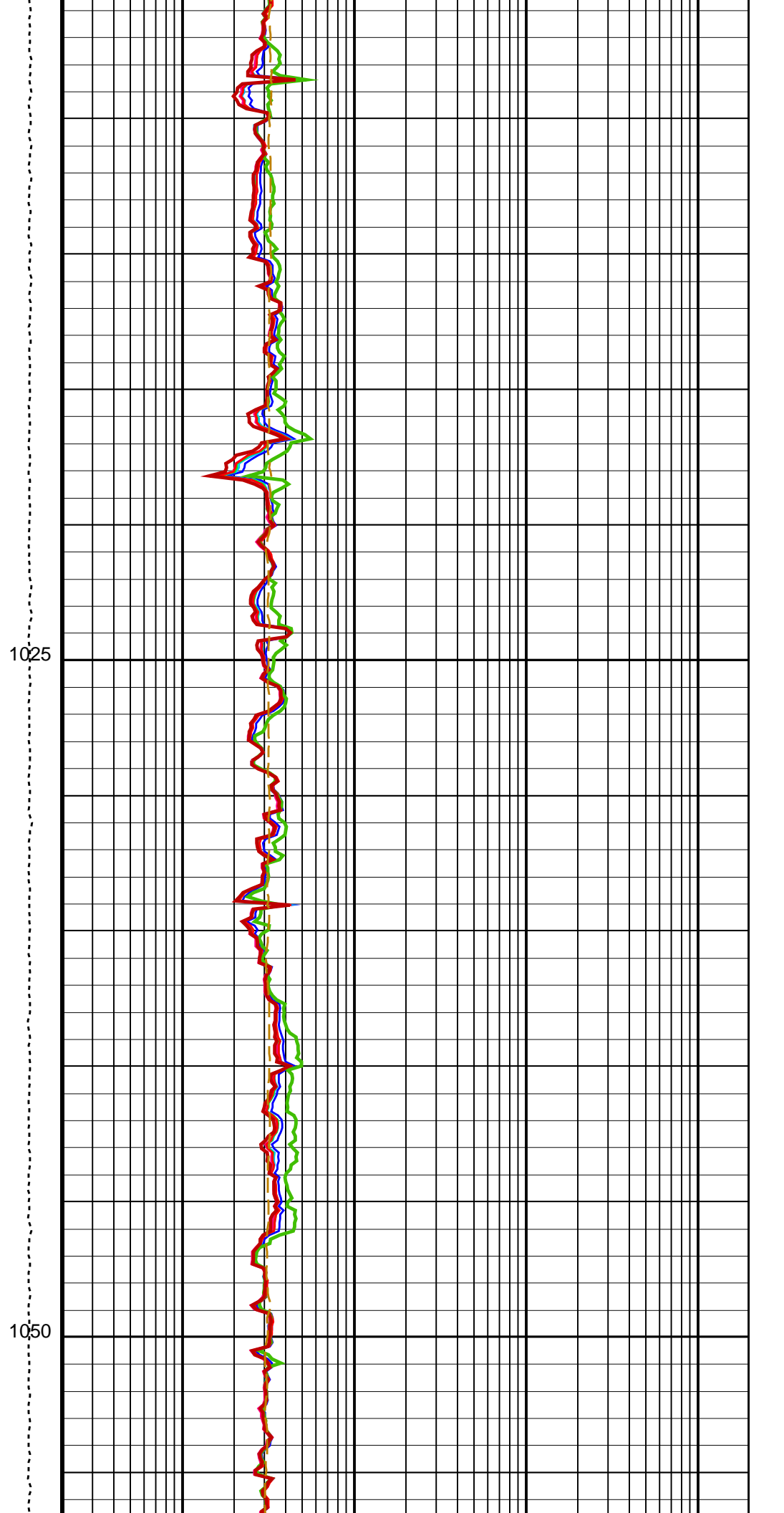
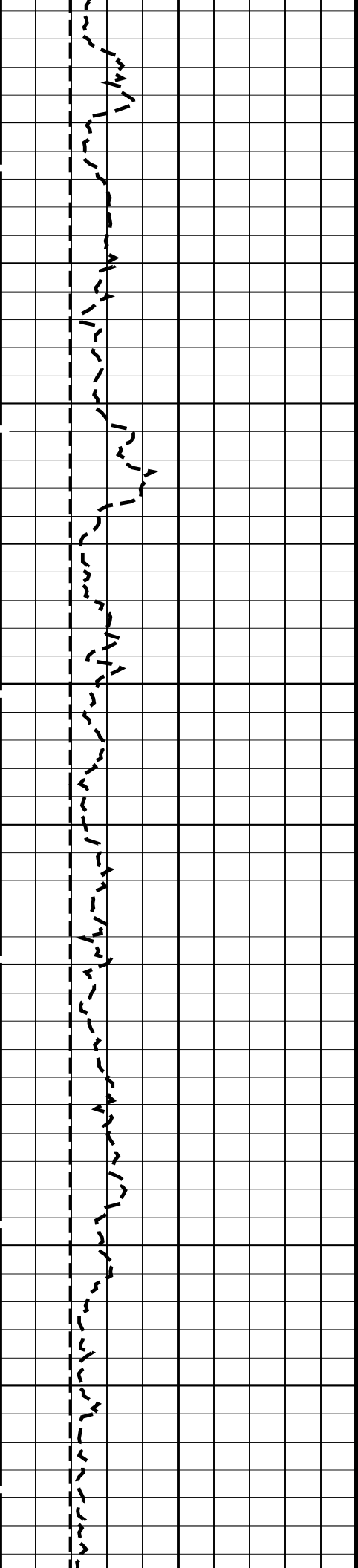
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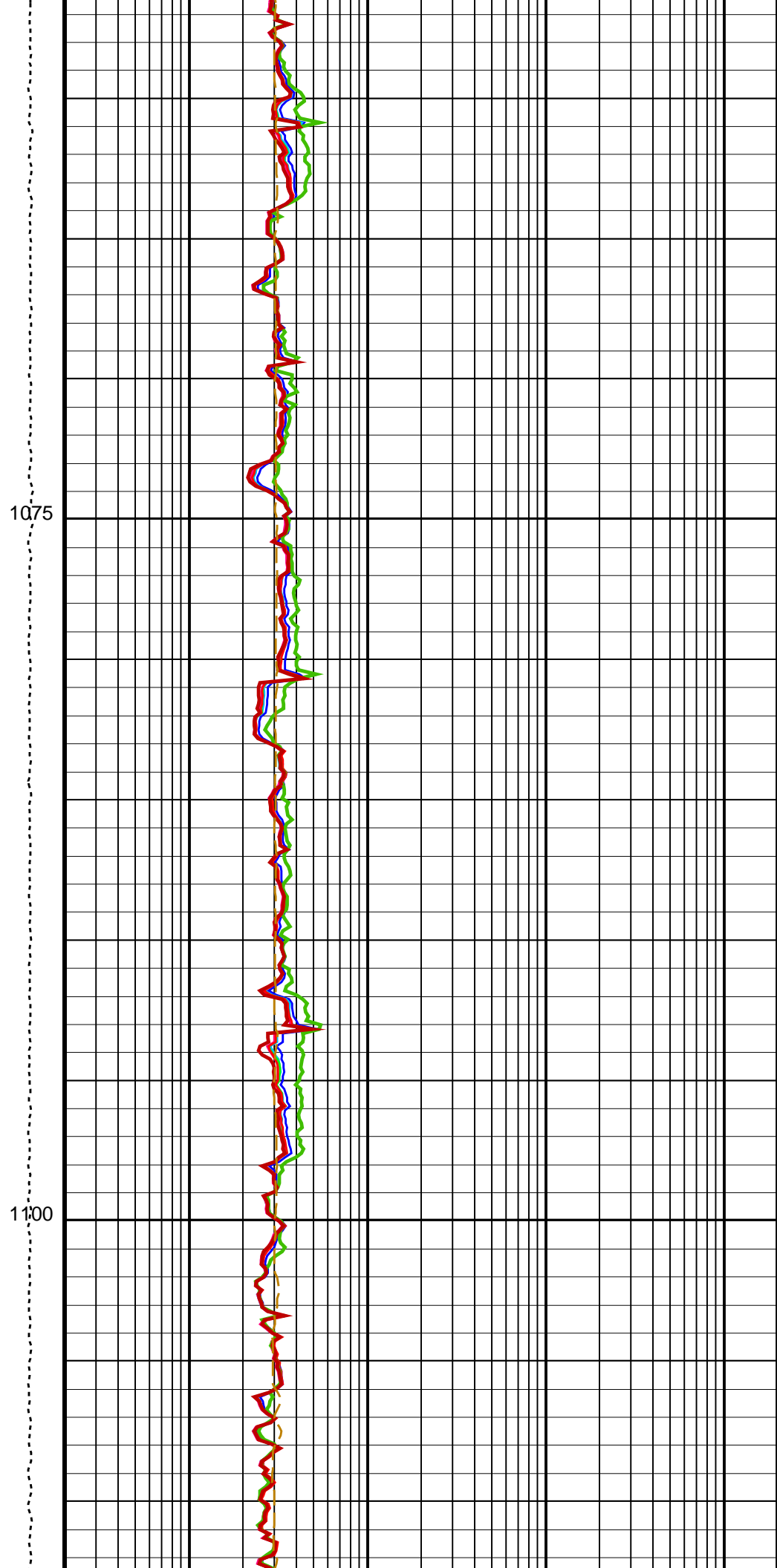
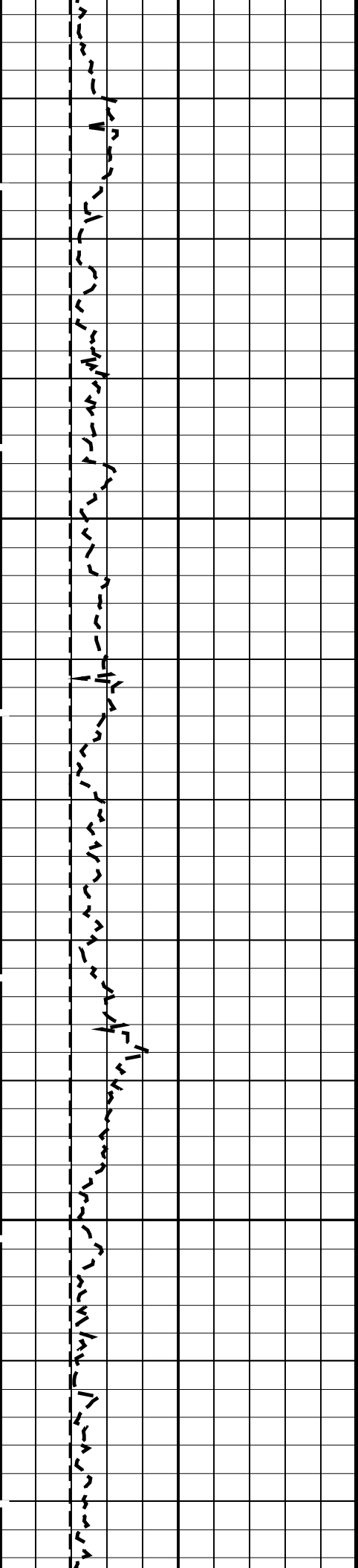
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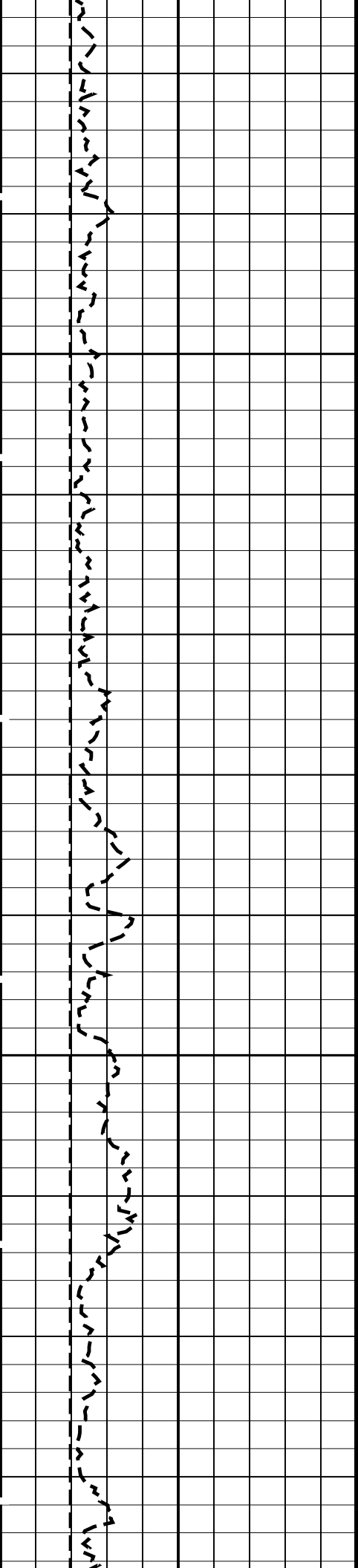






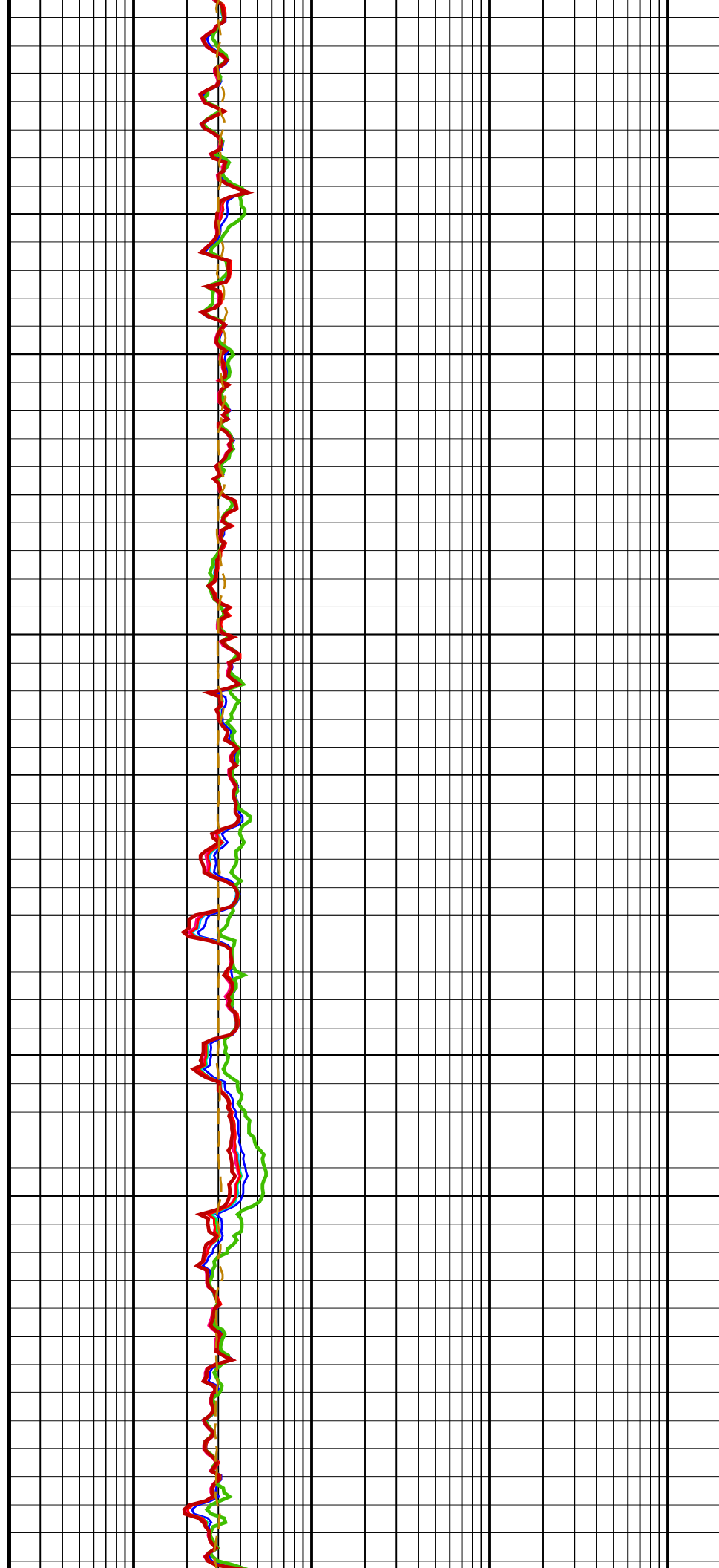


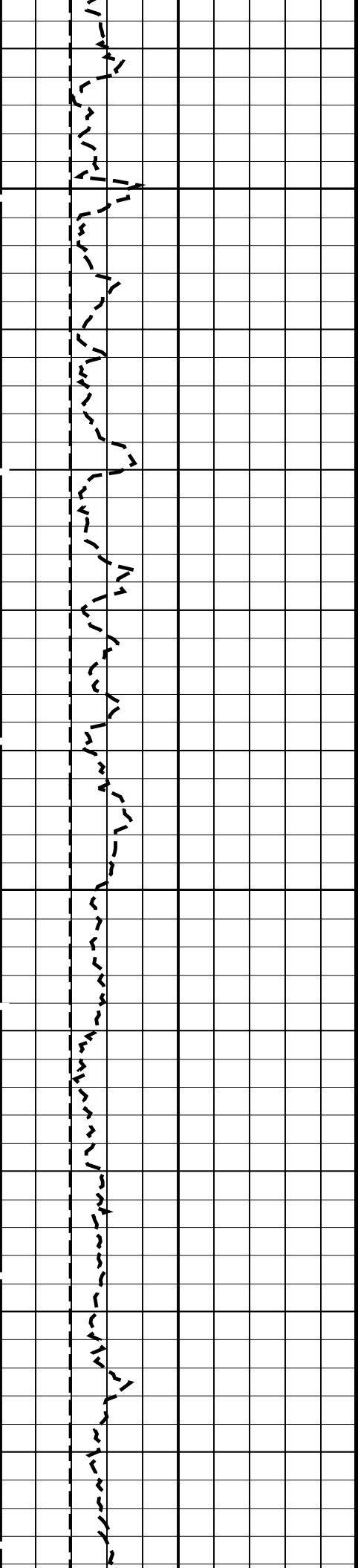




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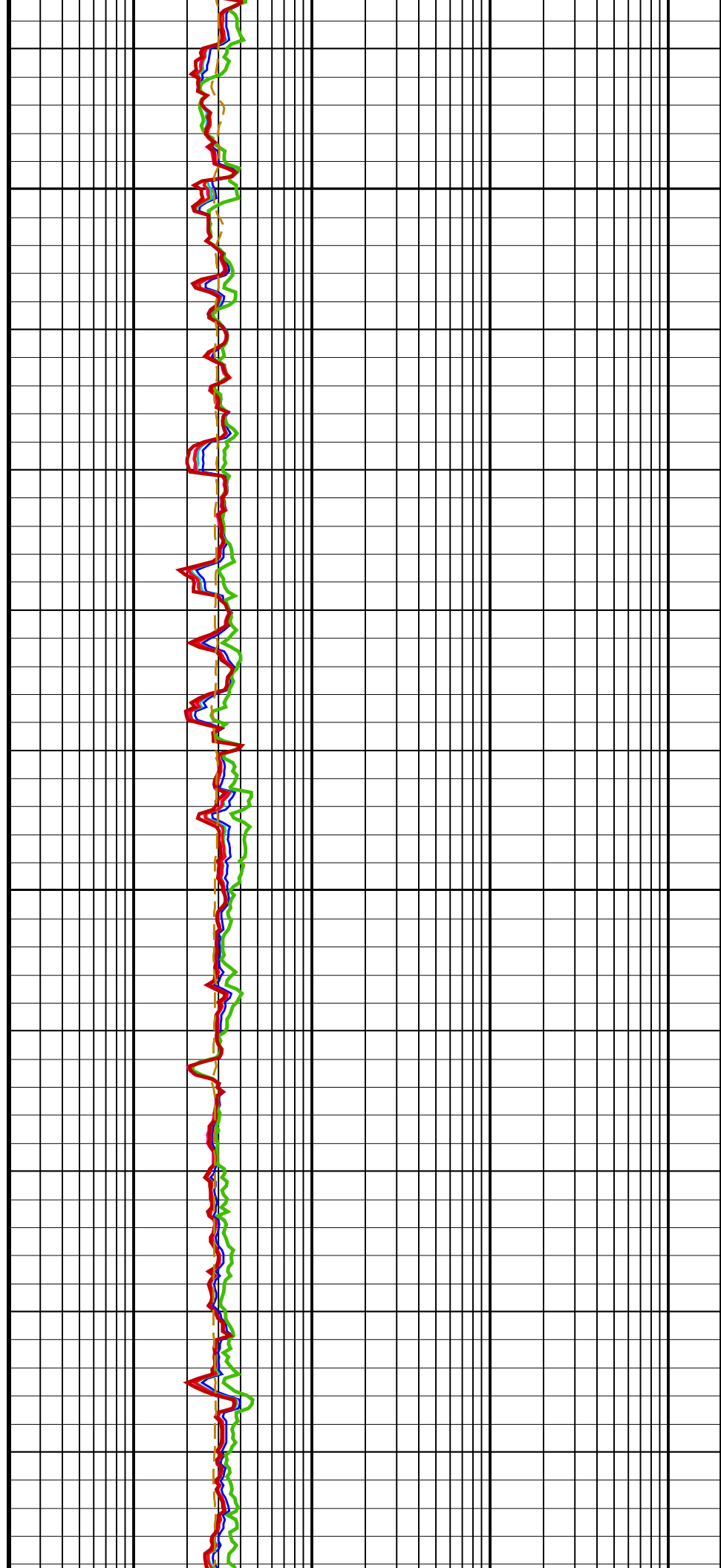
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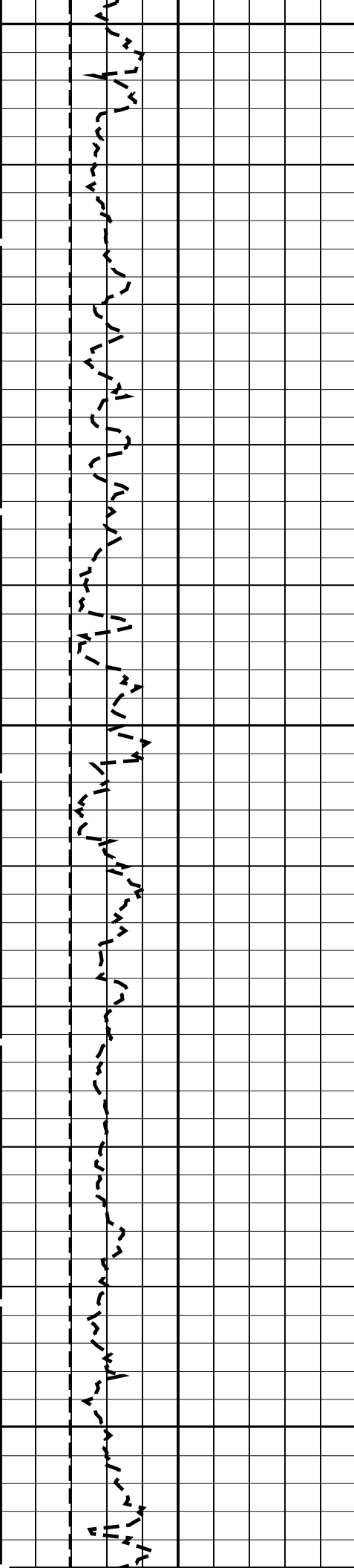




1175

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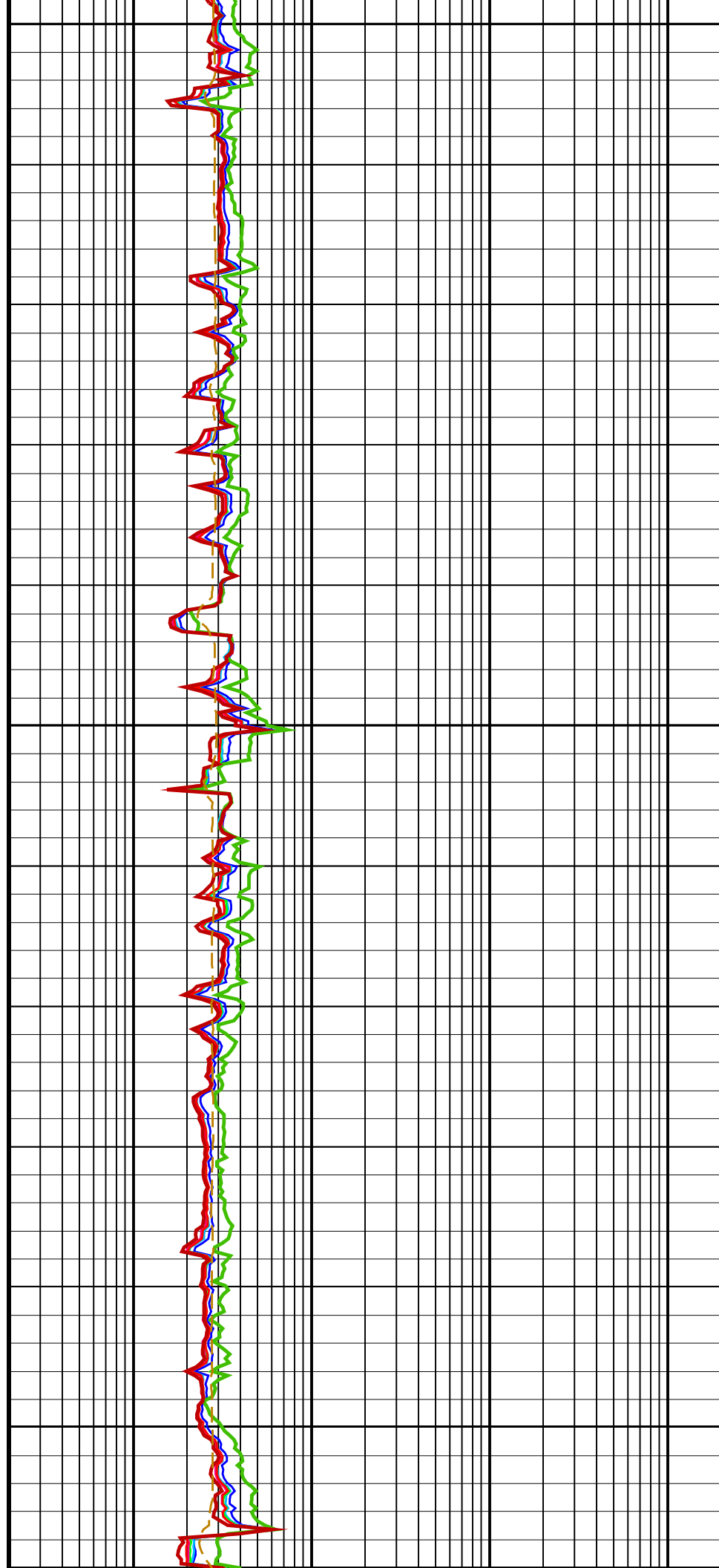


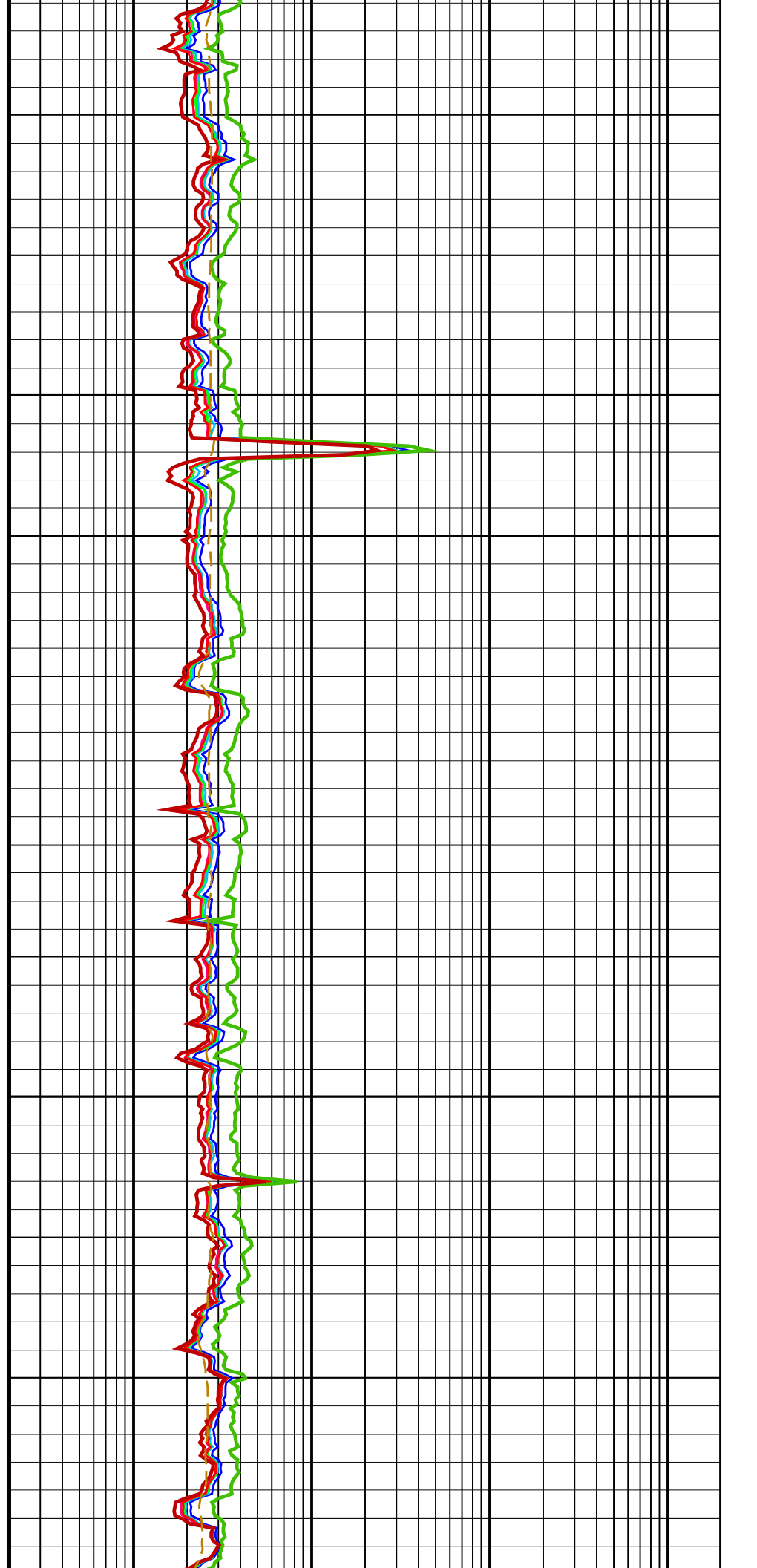
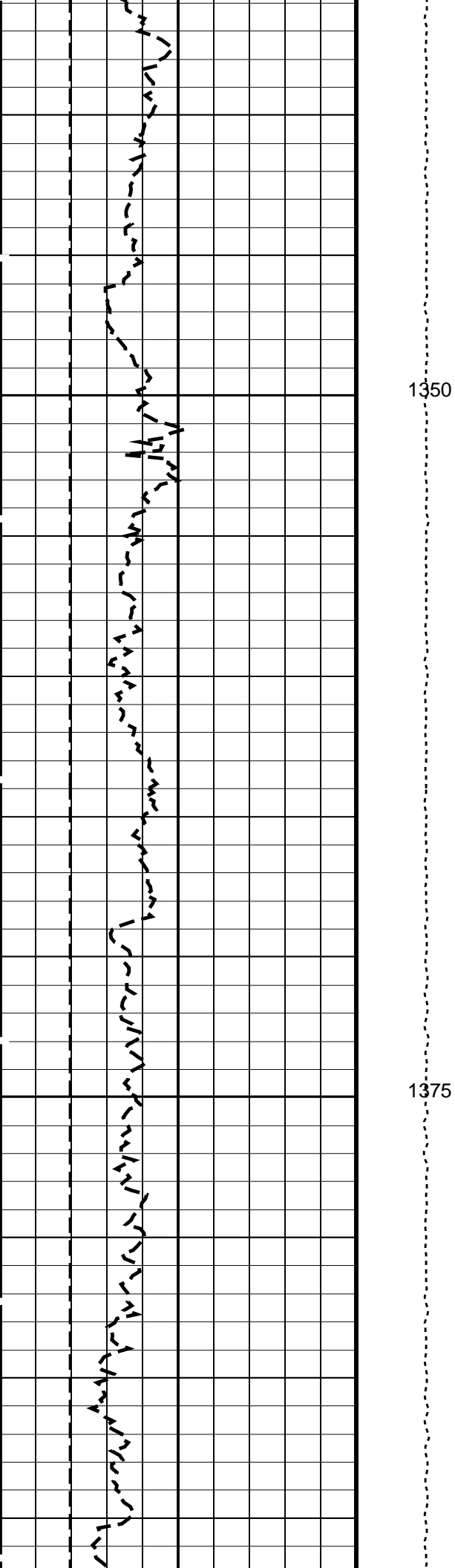


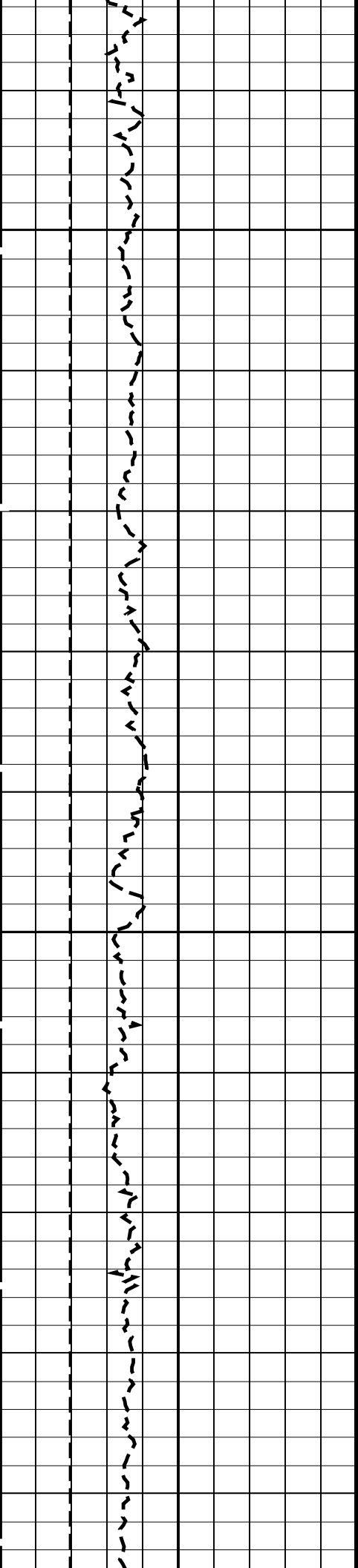
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1275

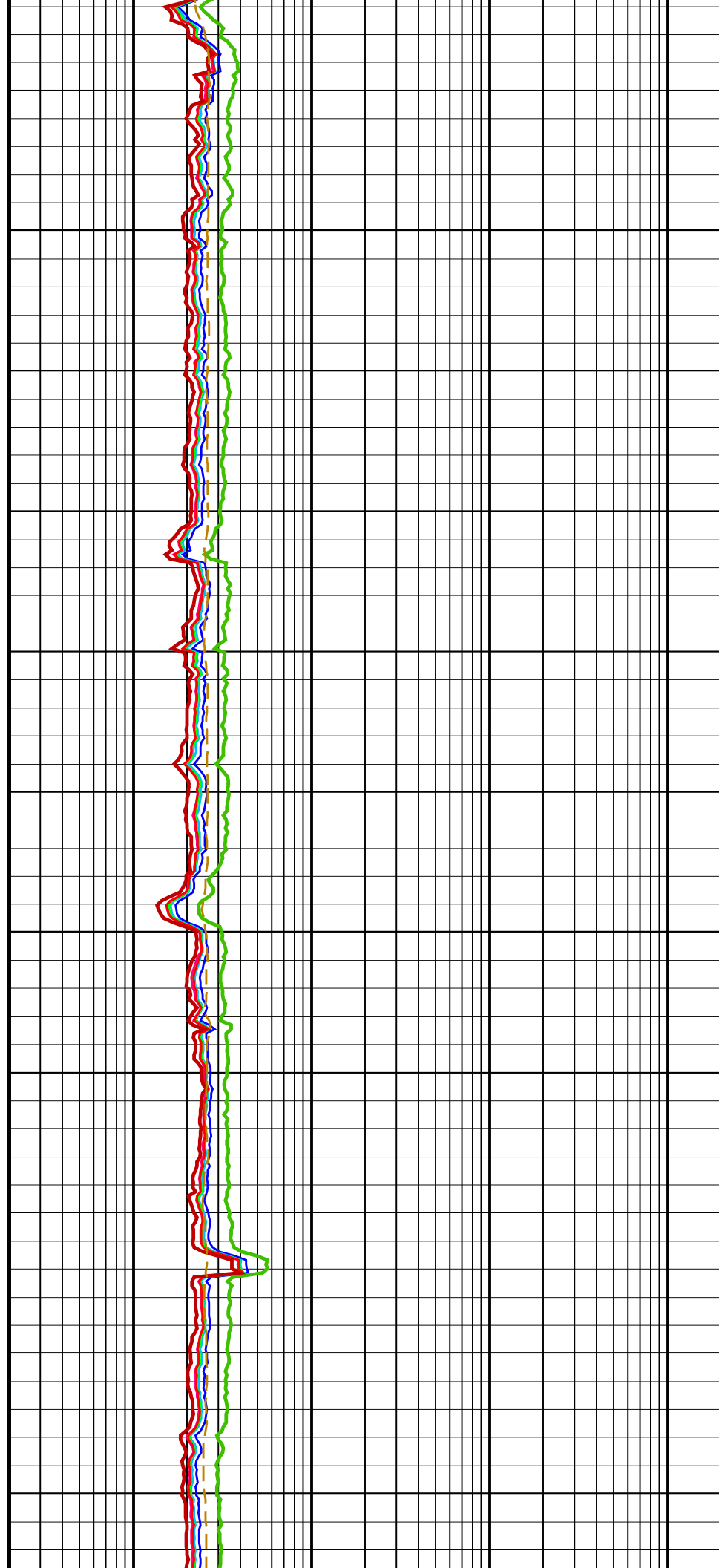


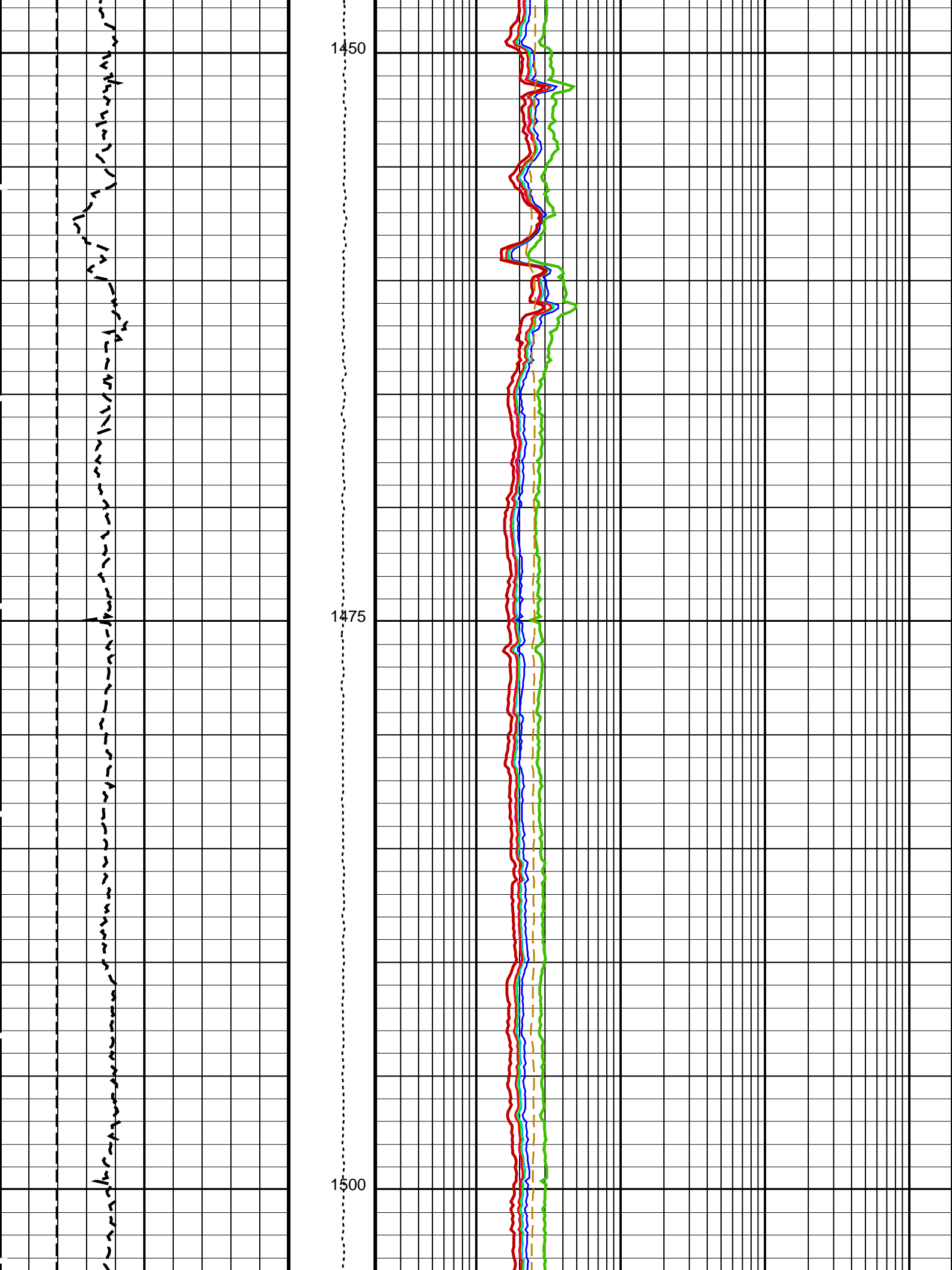


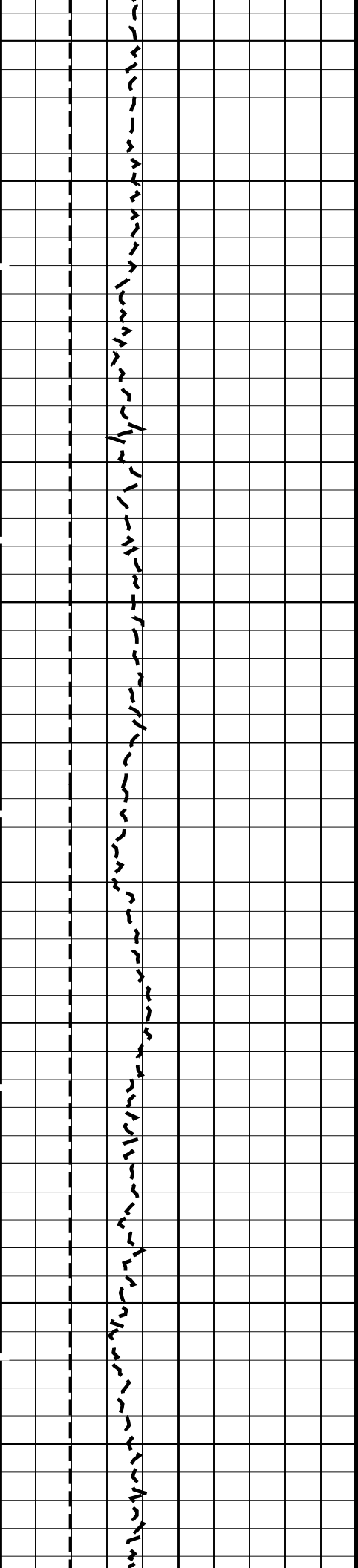


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1425

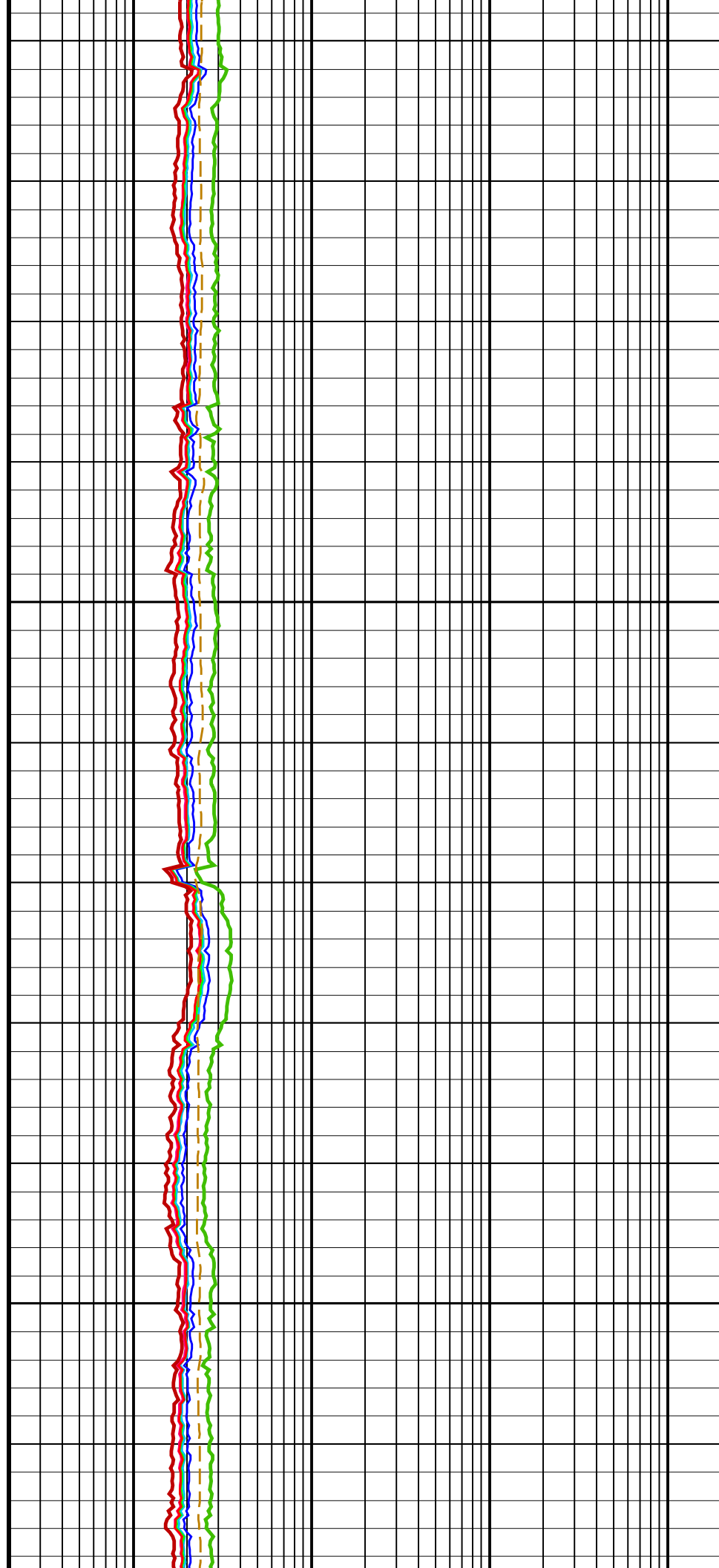


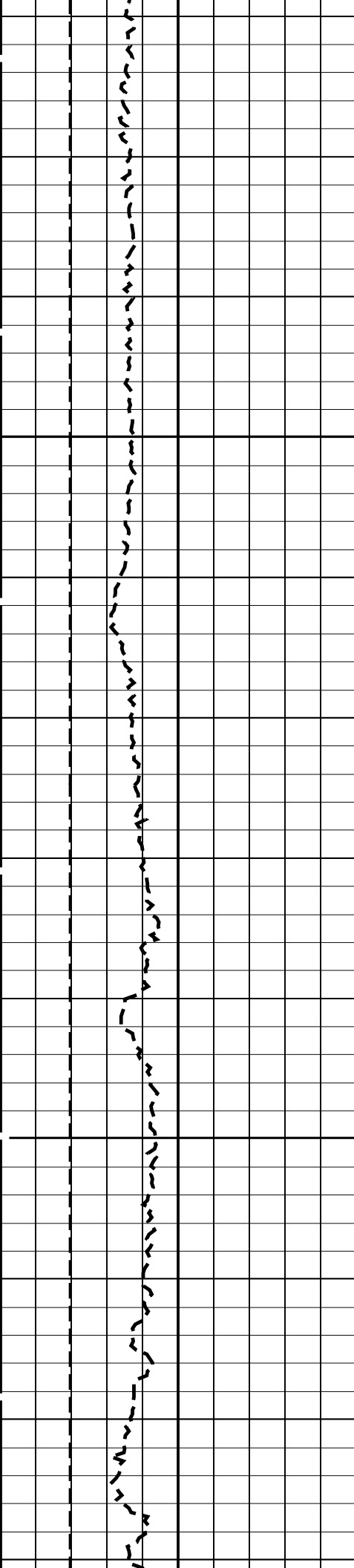




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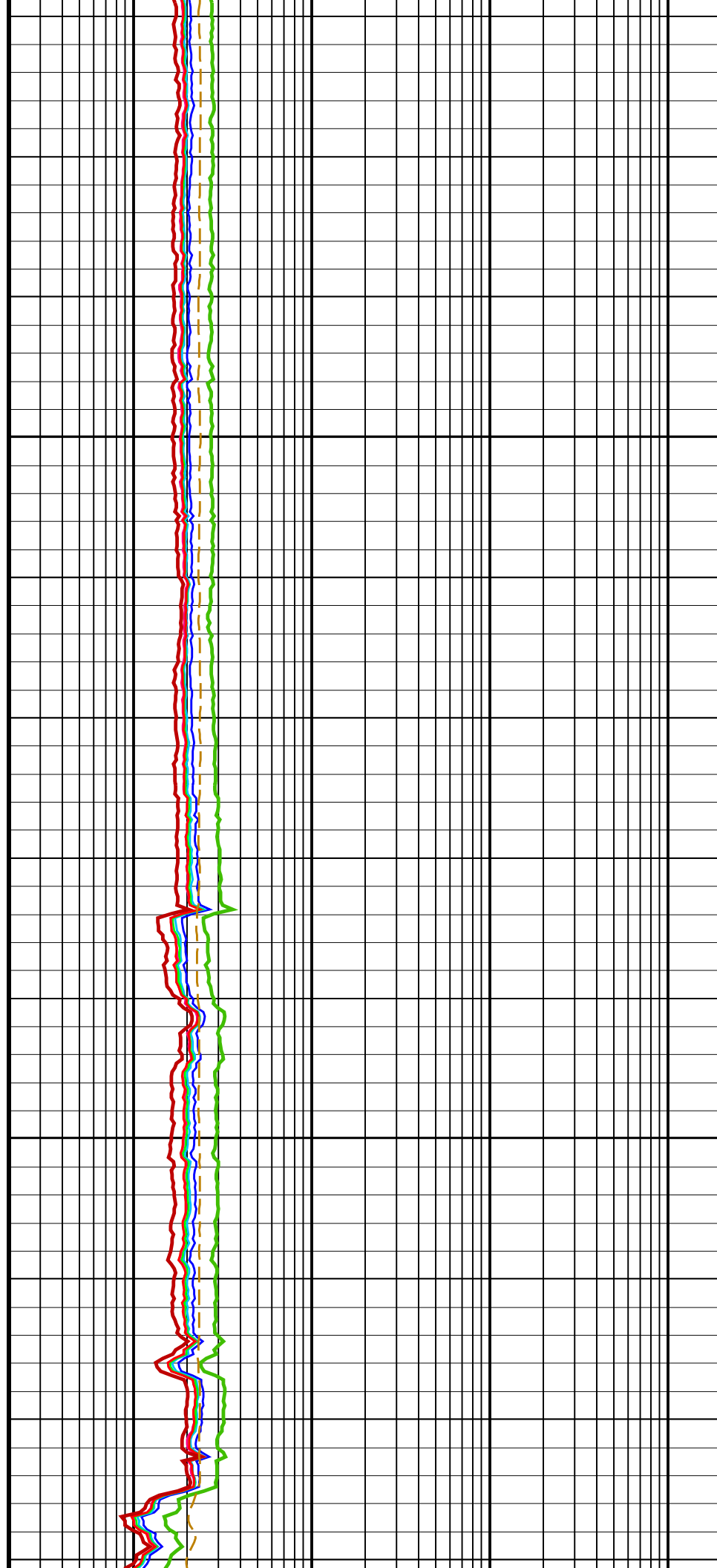
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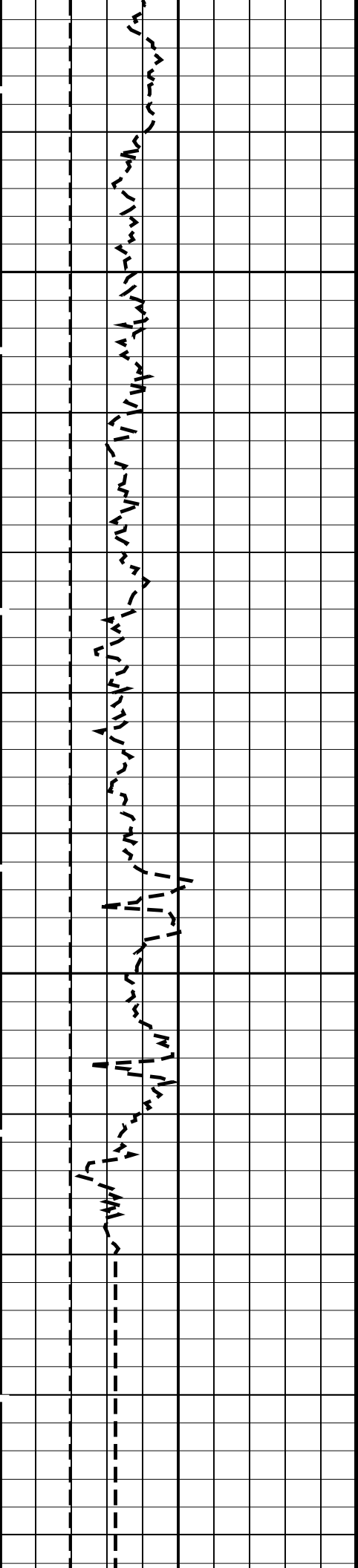




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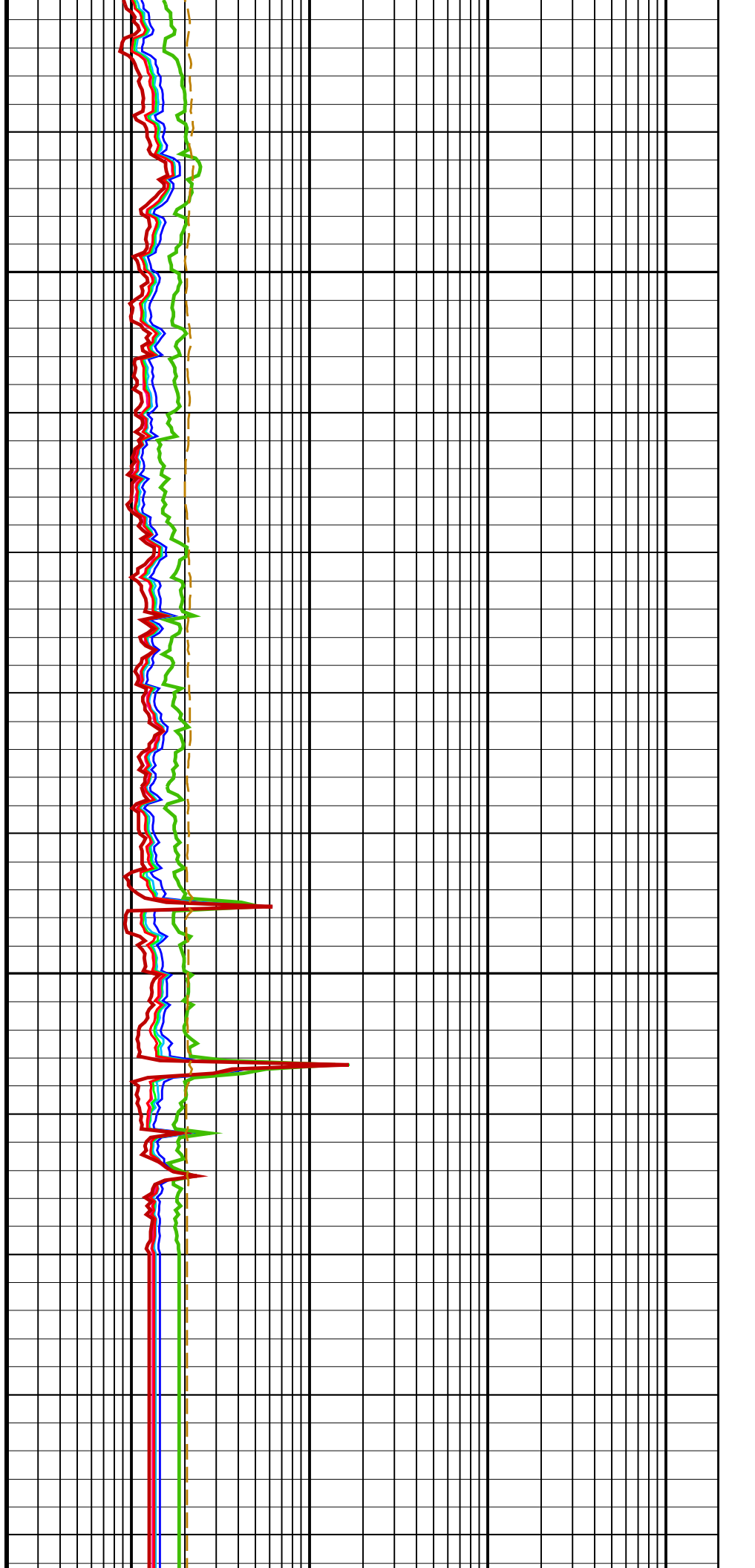
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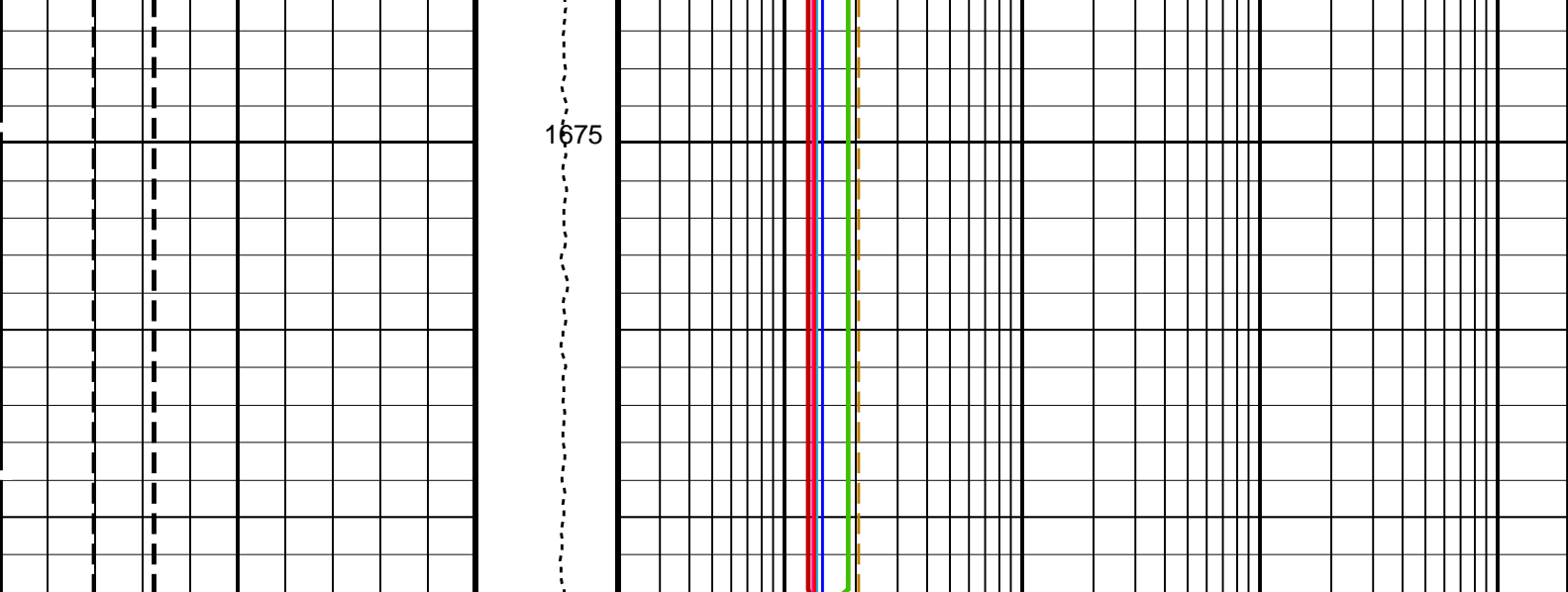




1625

1650





Bit Size (BS) (IN)		Tension (TENS) (LBF)	HRLT Resistivity 1 (RLA1)	
6	26		0.2	2000
Invasion Diameter (DI_HRLT) (IN)		10000 0	HRLT Resistivity 2 (RLA2)	
0	50		0.2	2000
			HRLT Resistivity 3 (RLA3)	
			0.2	2000
			HRLT Resistivity 4 (RLA4)	
			0.2	2000
			HRLT Resistivity 5 (RLA5)	
			0.2	2000
			HRLT Mud Resistivity (RM_HRLT)	
			0.02	200
			Invaded Zone Resistivity (RXO_HRLT)	
			0.2	2000
			HRLT True Resistivity (RT_HRLT)	
			0.2	2000

PIP SUMMARY

Time Mark Every 60 S

Parameters

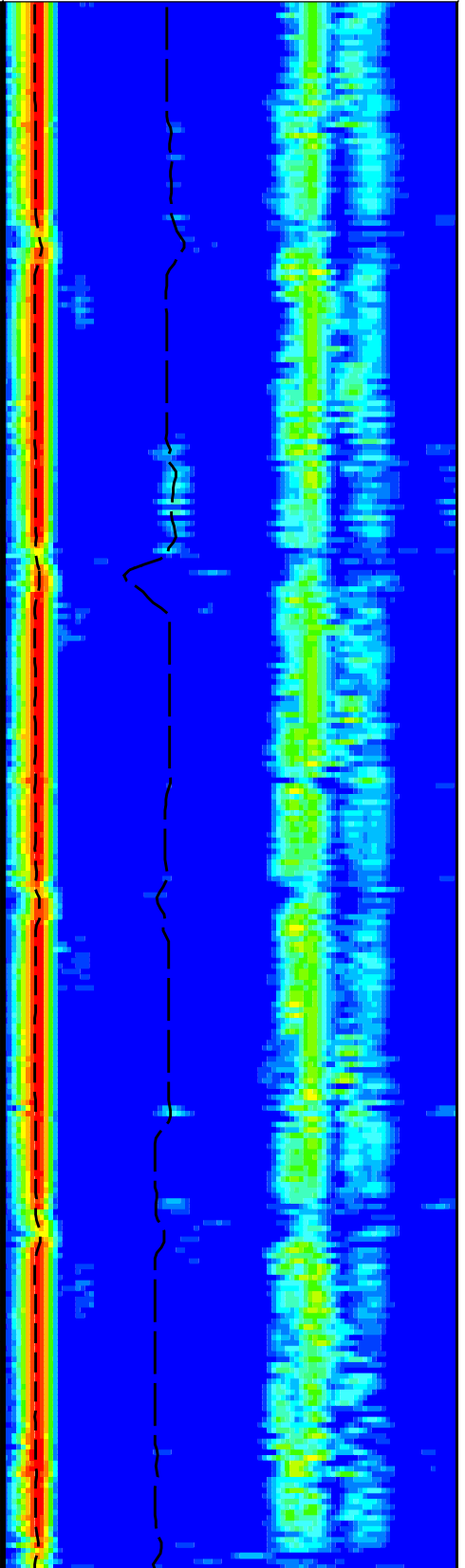
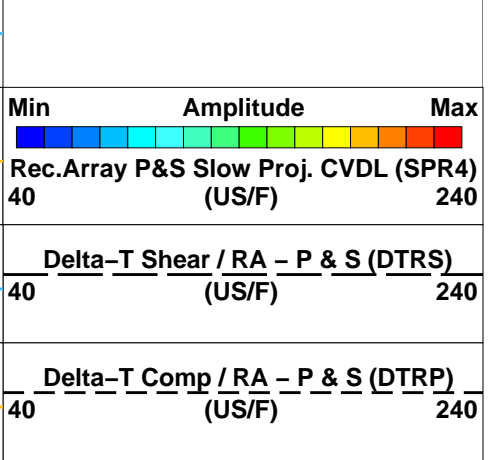
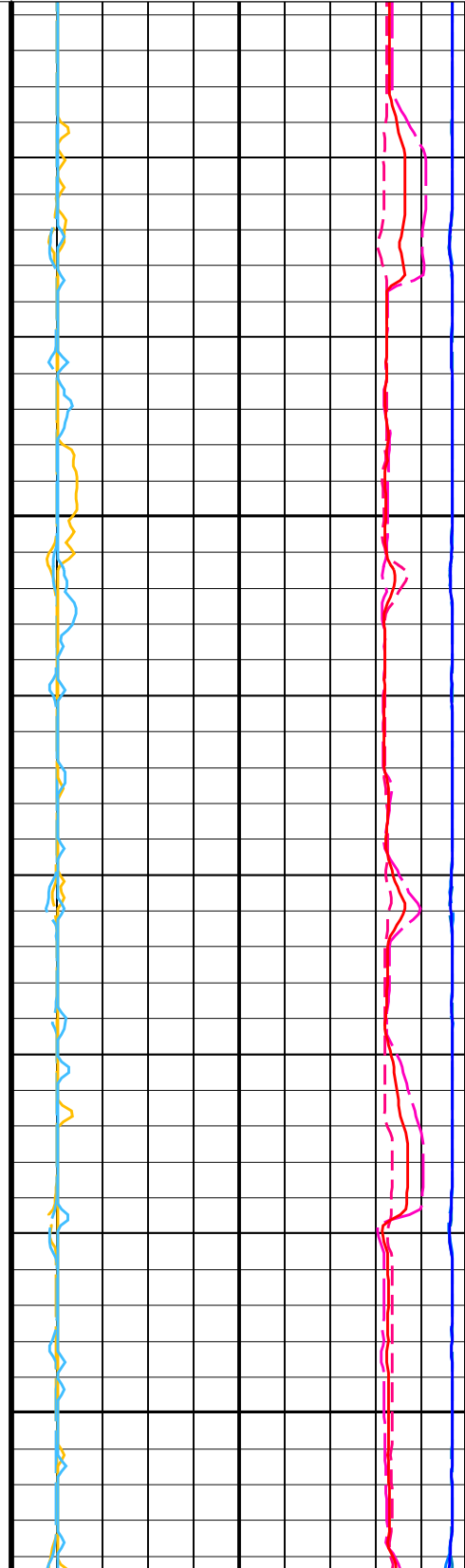
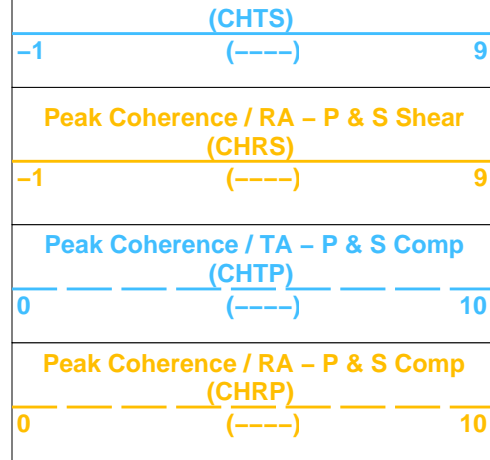
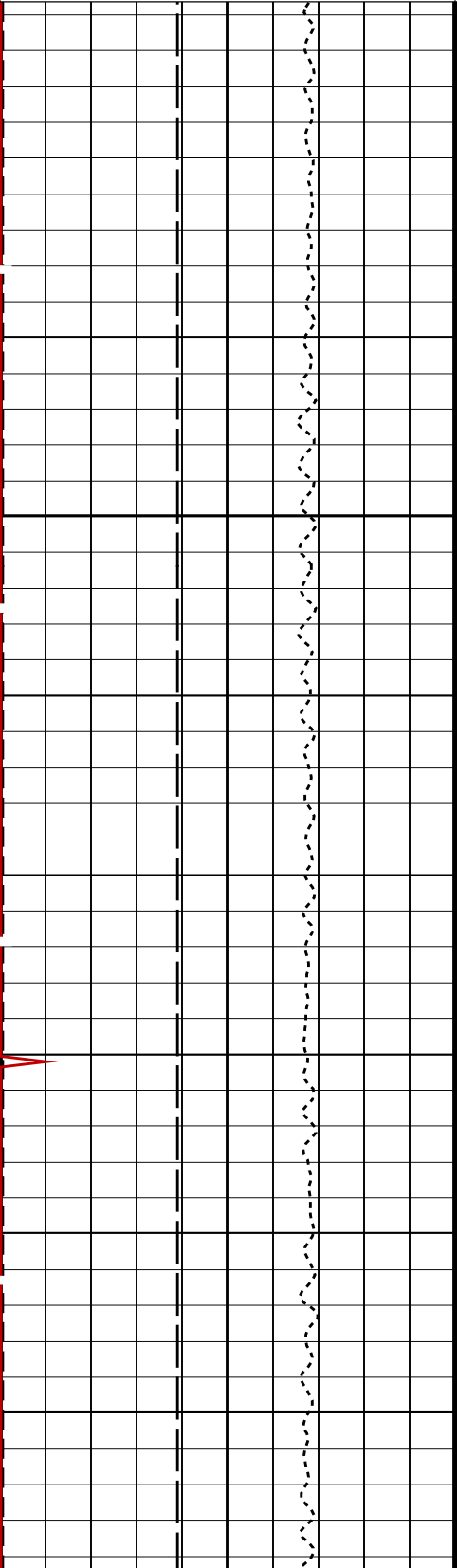
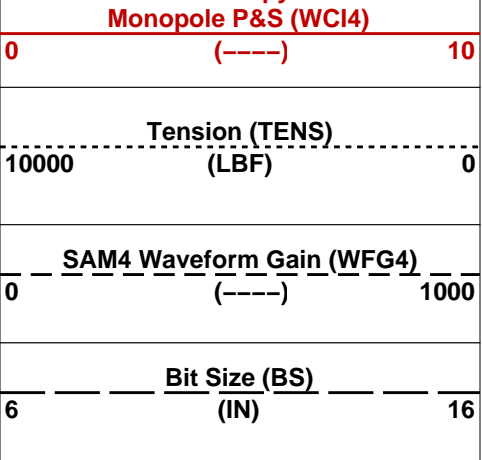
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
HRLT-B: High Resolution Laterolog Array – B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
PROCINV	Inversion Selection	ON	
PROCML	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	0	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSP0	Sonde Position	Centered	
SHT	Surface Hole Temperature	68	DEGF
HNGS-BA: Hostile Natural Gamma Ray Sonde			

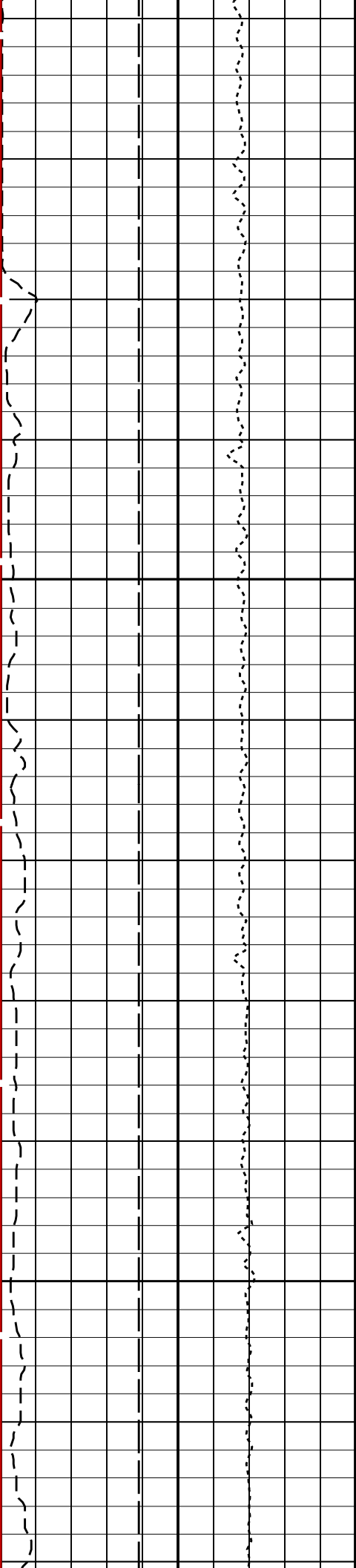
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
EDTC-B: Enhanced DTS Cartridge			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
System and Miscellaneous			
BS	Bit Size	9.875	IN
MST	Mud Sample Temperature	23.00	DEGC
TD	Total Depth	10190.3	FT

Format: HRLT		Vertical Scale: 1:200		Graphics File Created: 25-Sep-2023 06:29	
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009LUP	FN:7	PRODUCER	25-Sep-2023 06:29	

Company: International Ocean Discovery Program				Well: Expedition 400, Site U1607A	
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009LUP	FN:7	PRODUCER	25-Sep-2023 06:29	1687.1 M 736.1 M
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		
Changed Parameter Summary					
DLIS Name	New Value		Previous Value		Depth & Time
BS	9.875 IN		9.875 IN		1372.4 07:03:15
PIP SUMMARY					
Time Mark Every 60 S					

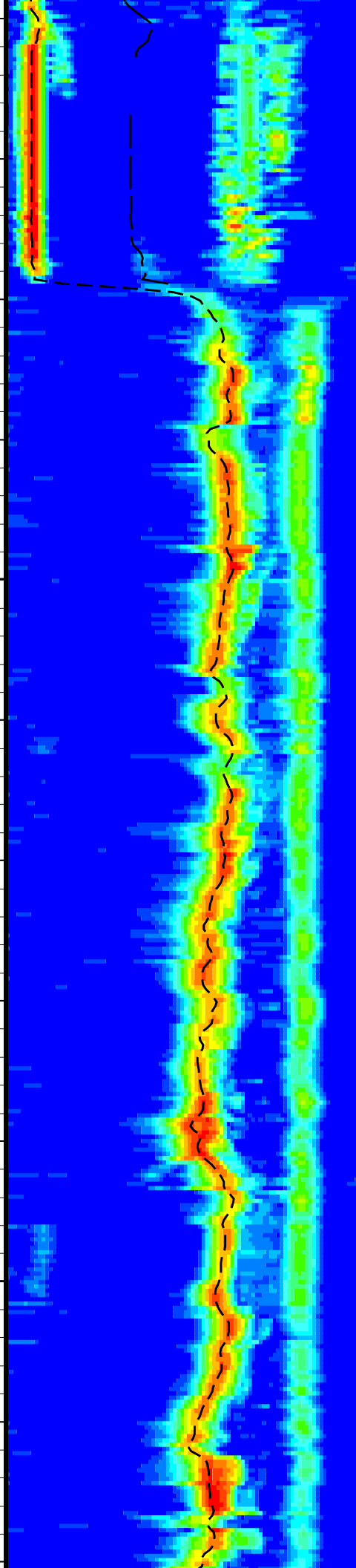
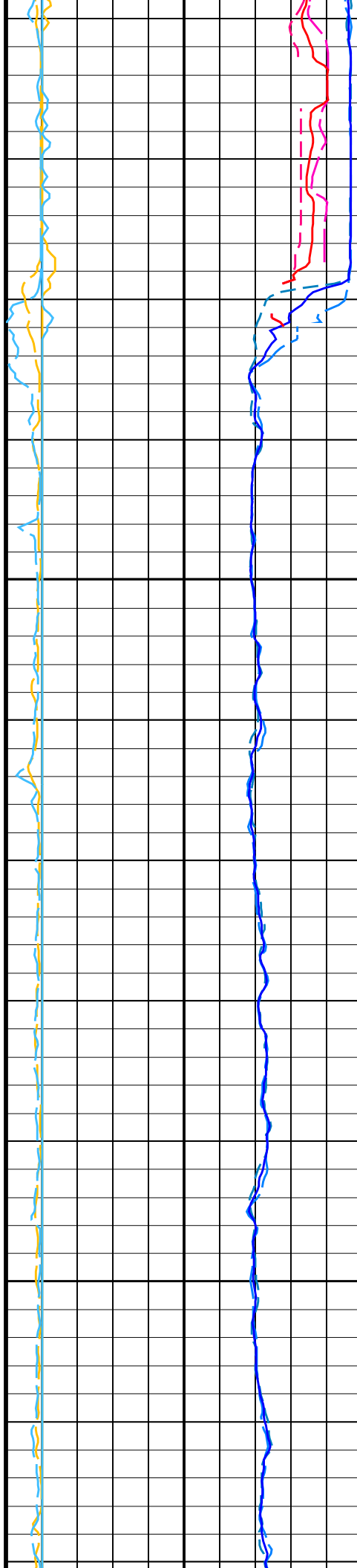
	Delta-T Shear - P & S (DT4S)	
	440 (US/F)	40
	Delta-T Shear / TA - P & S (DTTS)	
	440 (US/F)	40
	Delta-T Shear / RA - P & S (DTRS)	
	440 (US/F)	40
	Delta-T Comp - P & S (DT4P)	
Waveform Data Copy Indicator 4 -	440 (US/F)	40
	Delta-T Comp / TA - P & S (DTTP)	
	440 (US/F)	40
	Delta-T Comp / RA - P & S (DTRP)	
	440 (US/F)	40
	Peak Coherence / TA - P & S Shear	

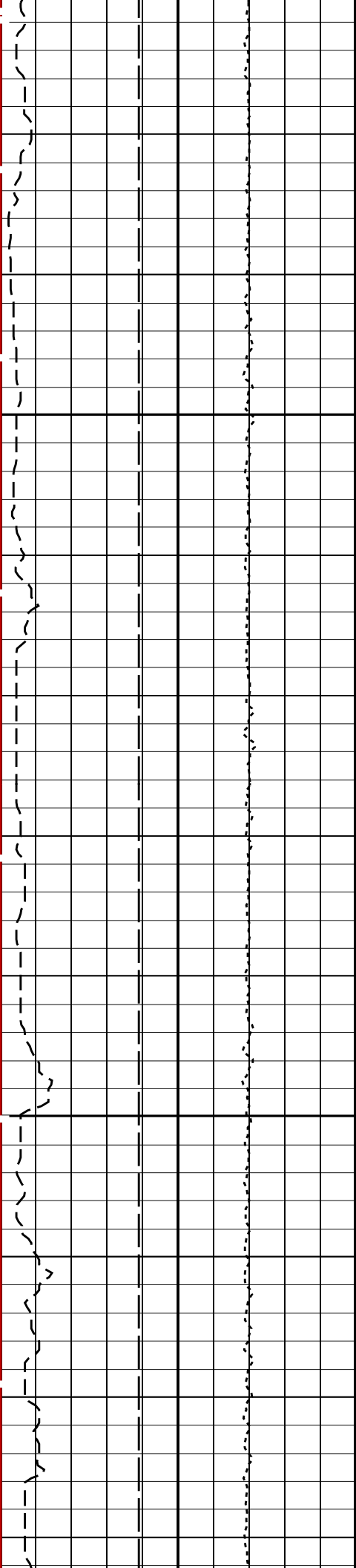




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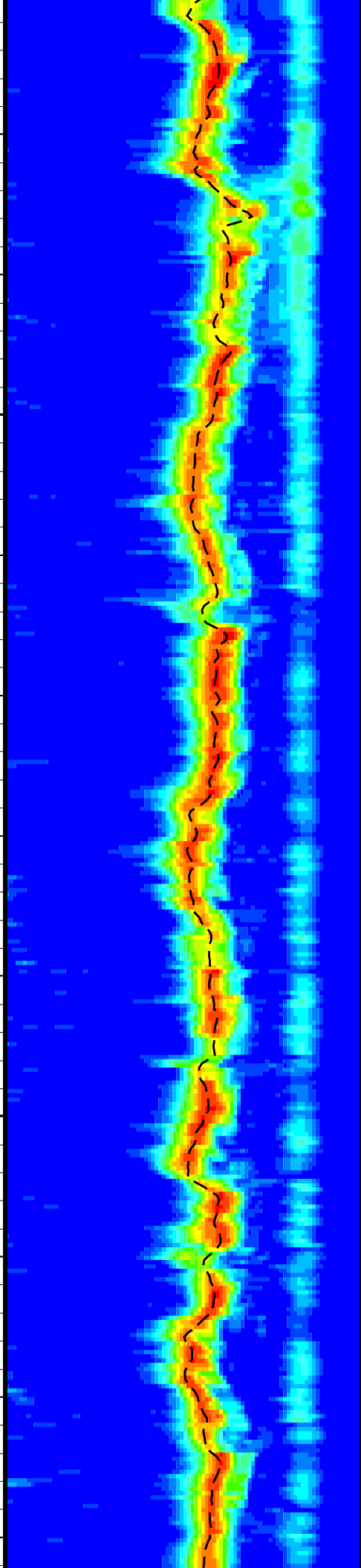
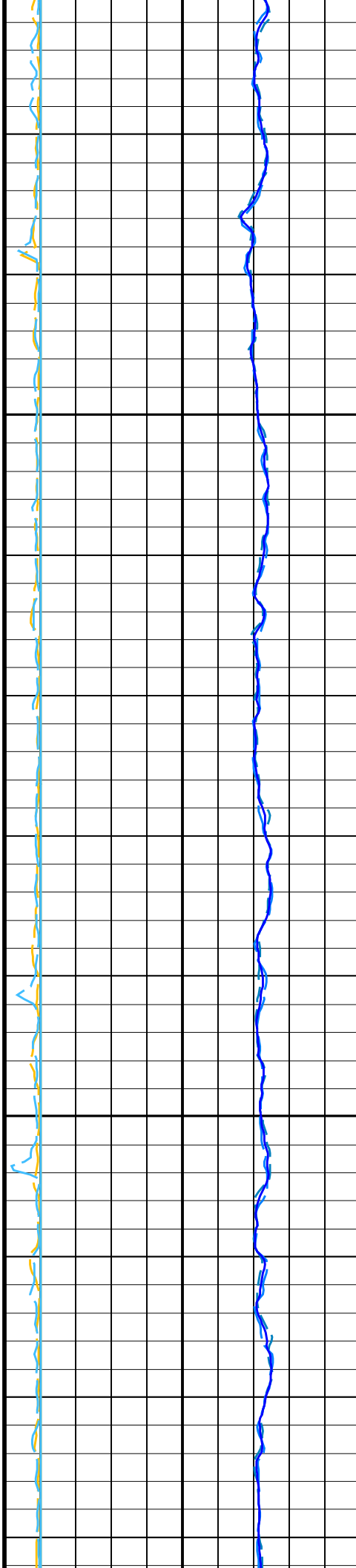
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850

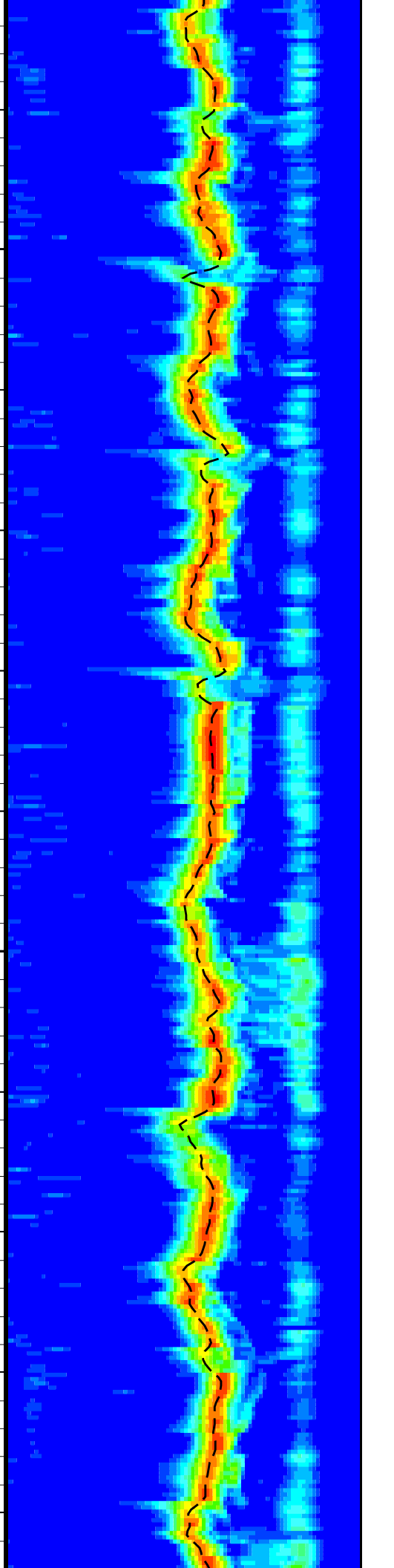
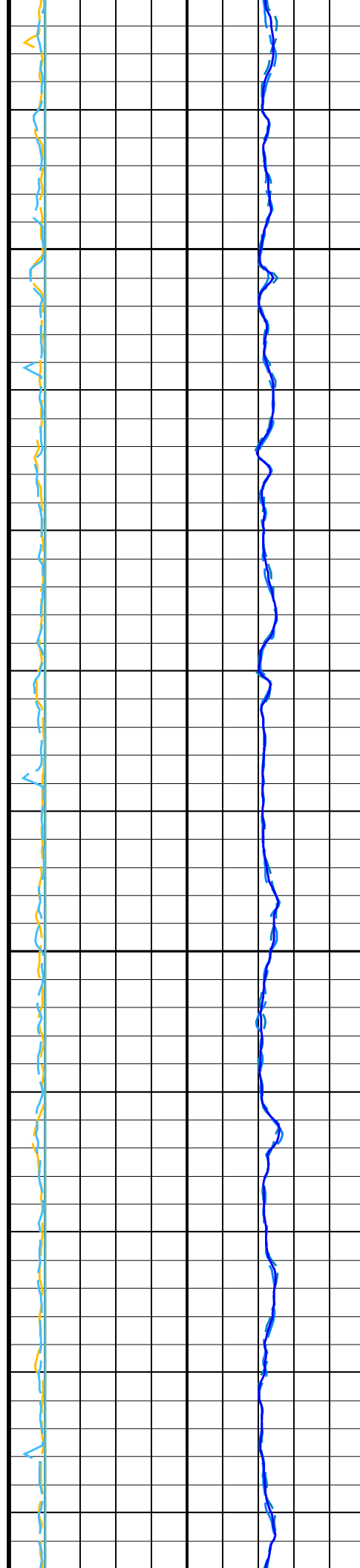
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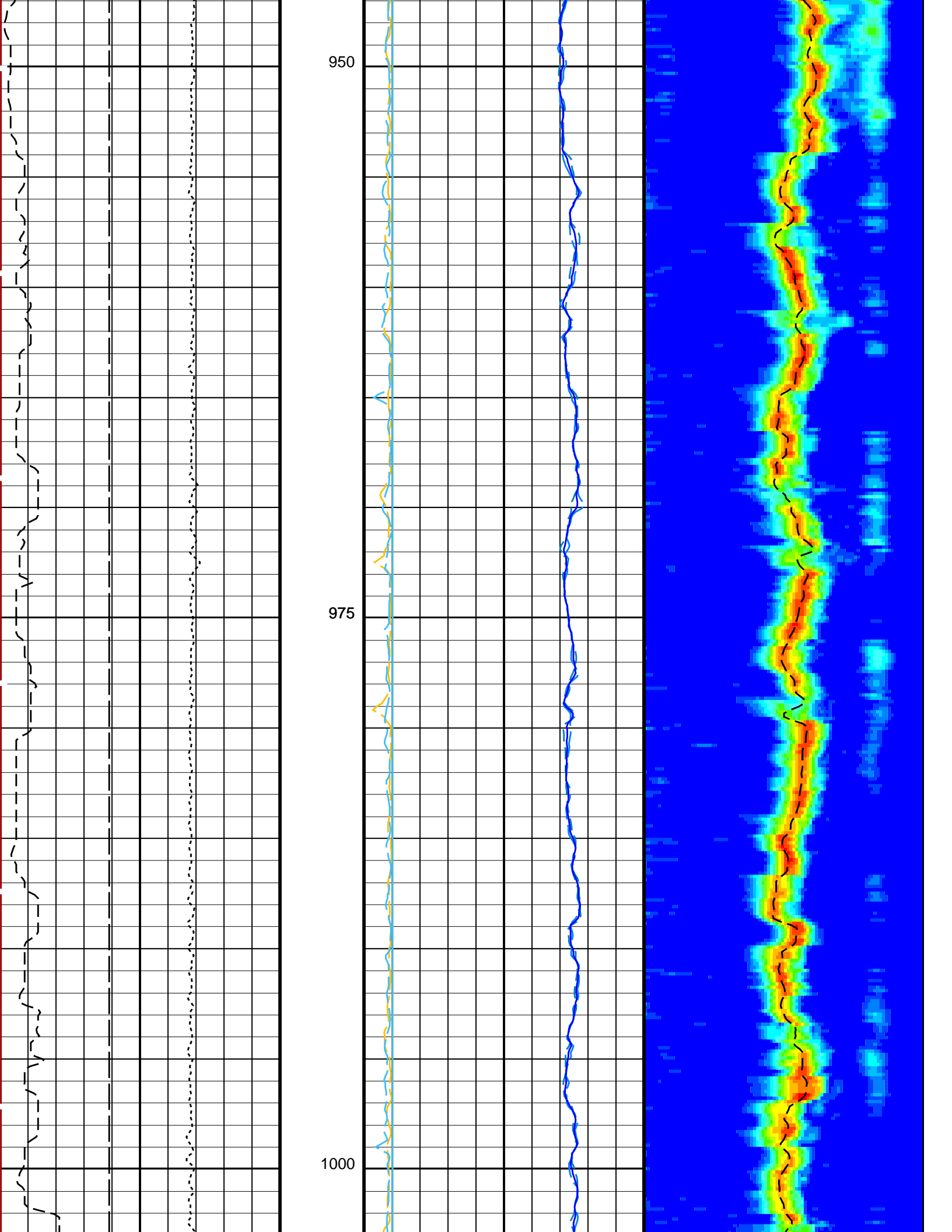


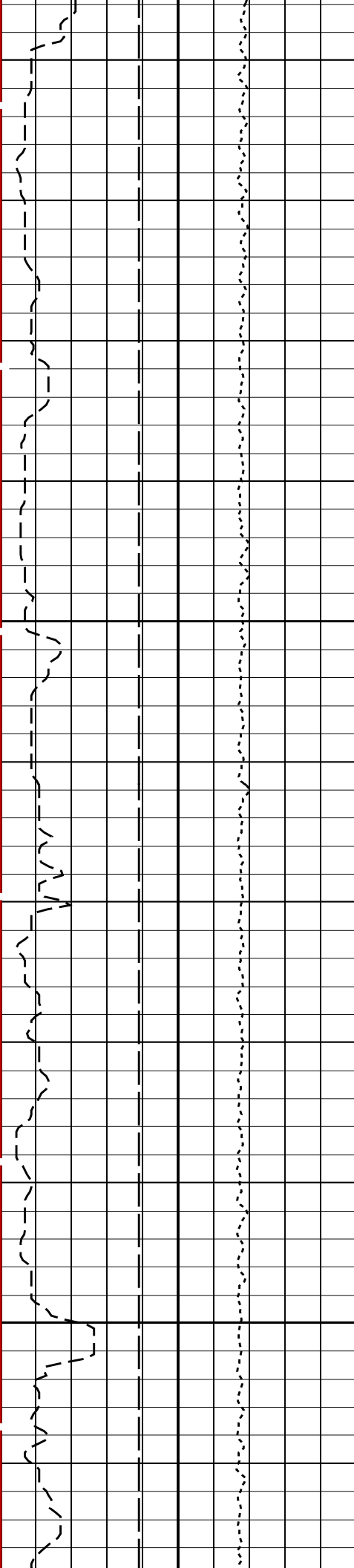


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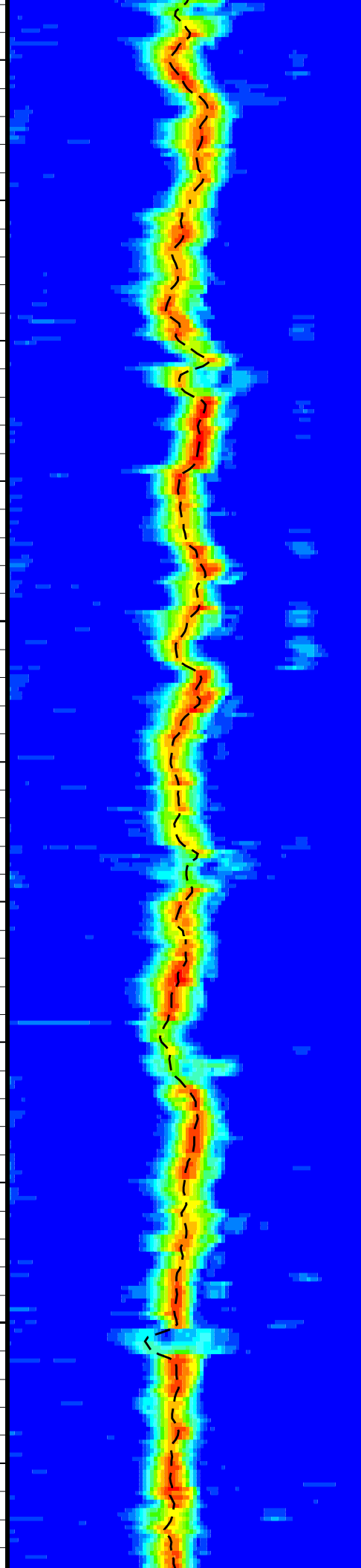
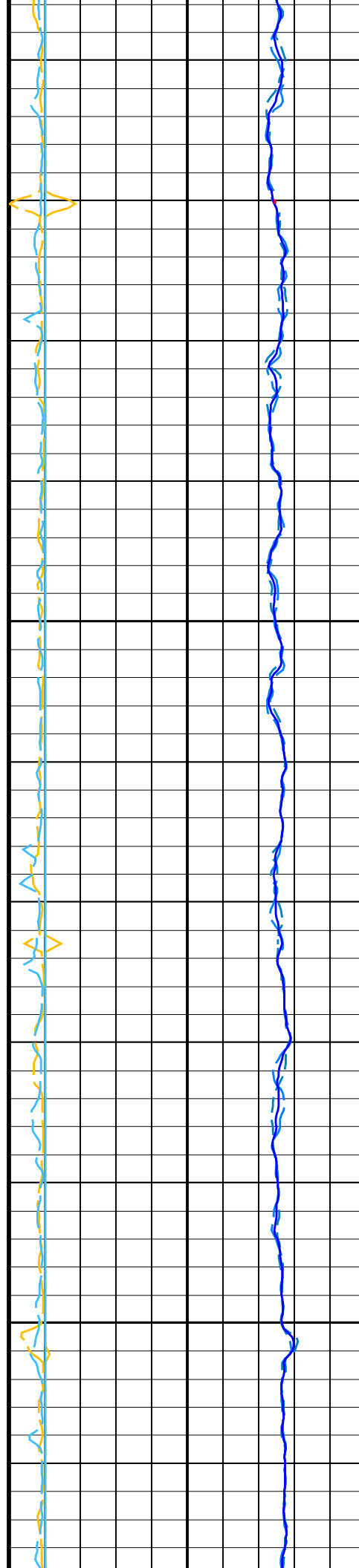


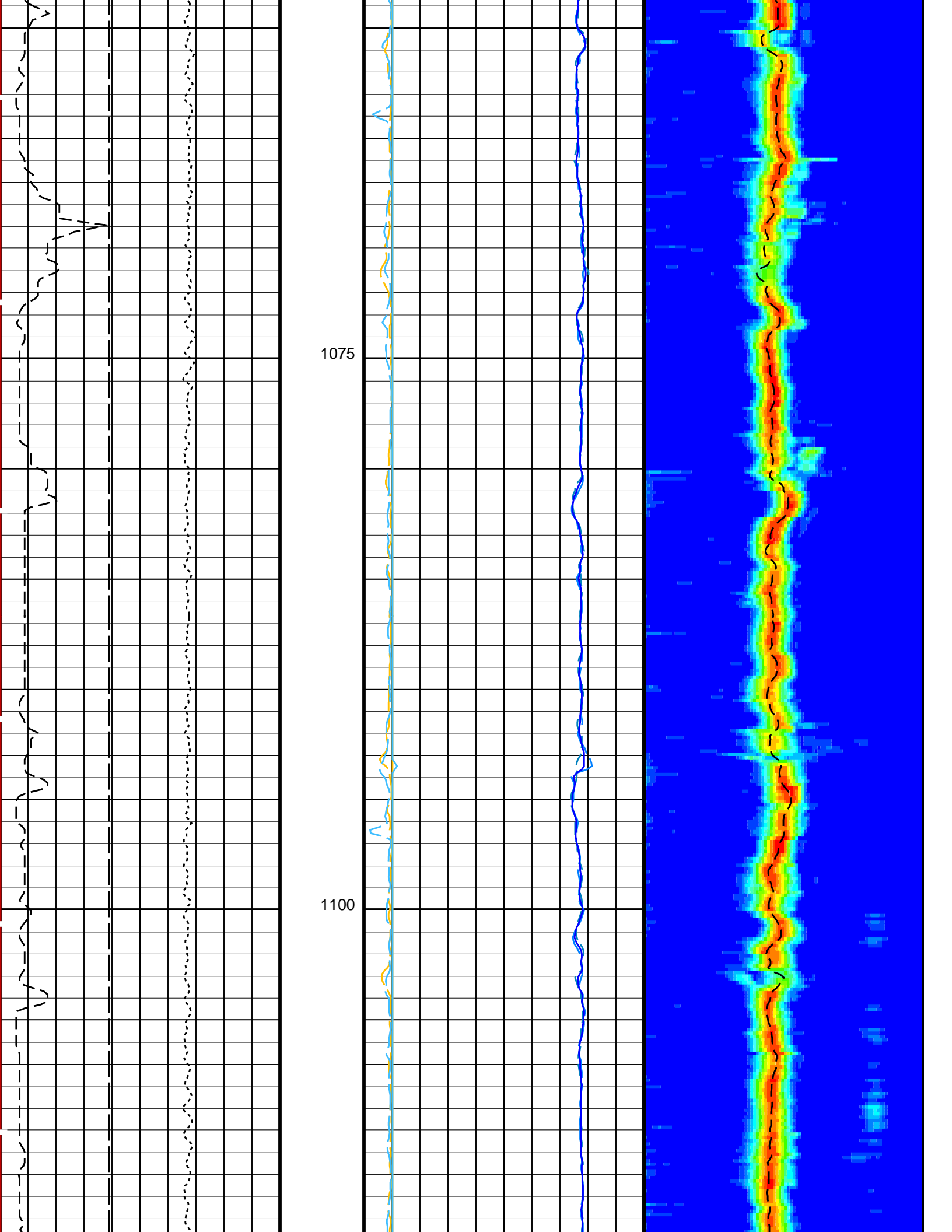


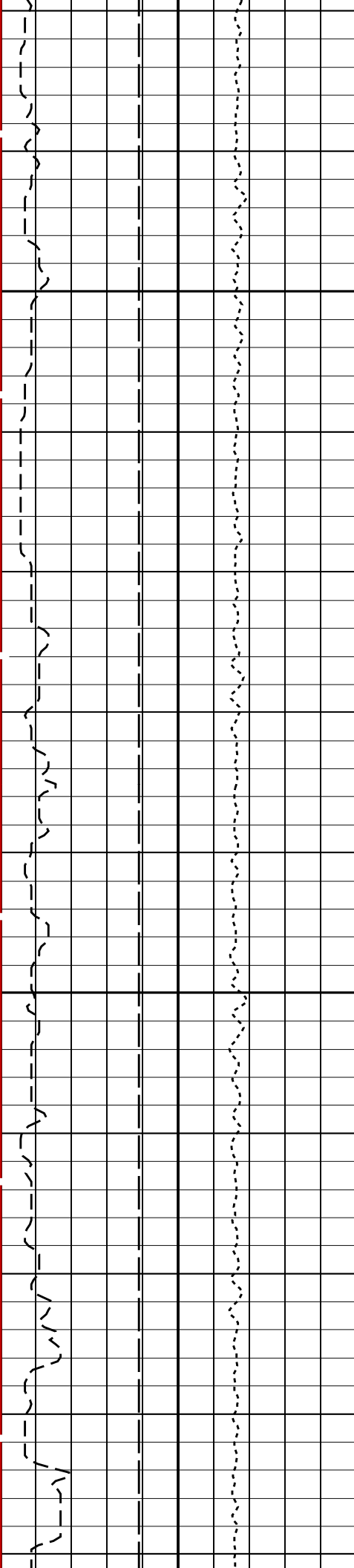


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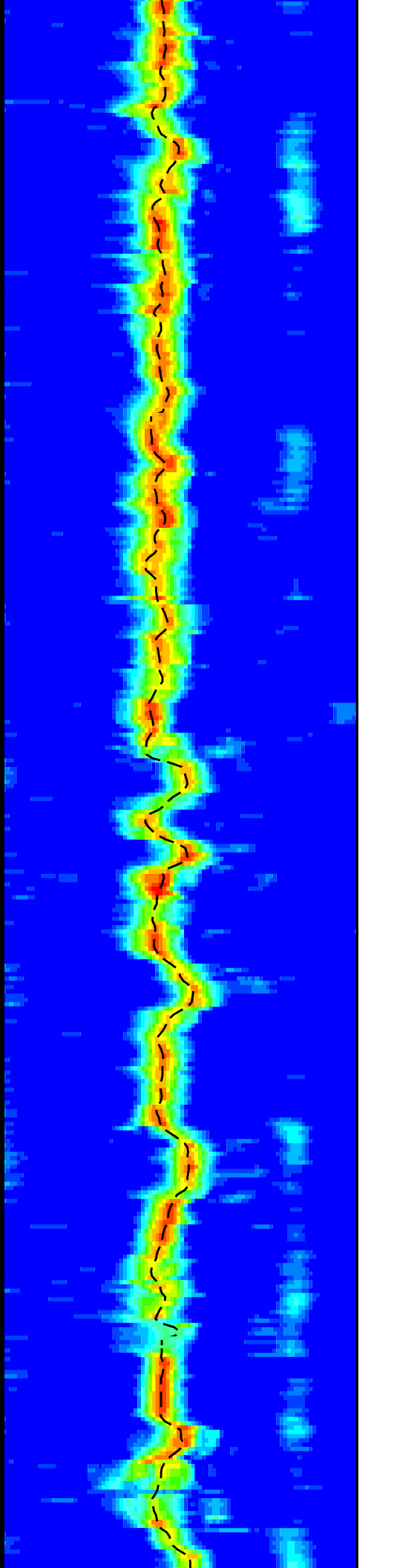
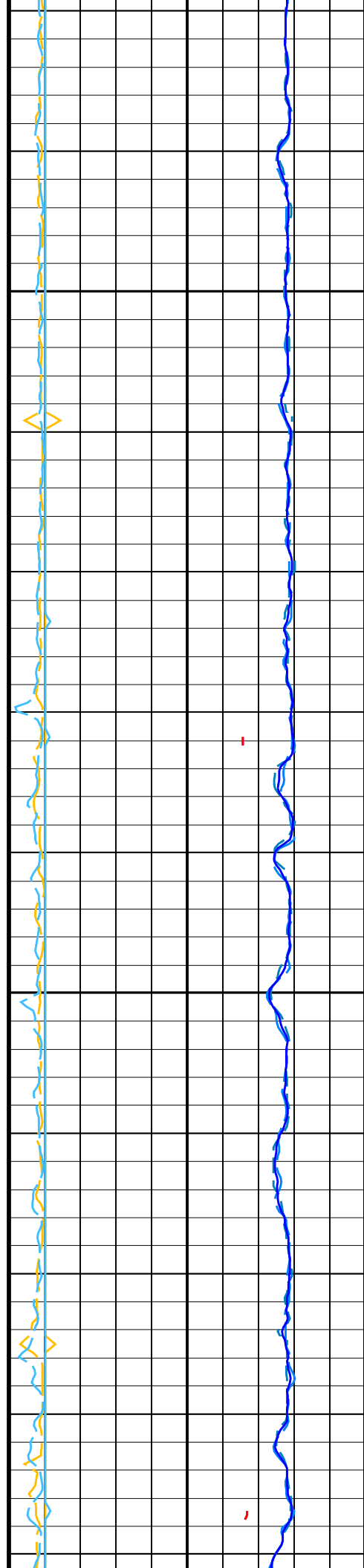


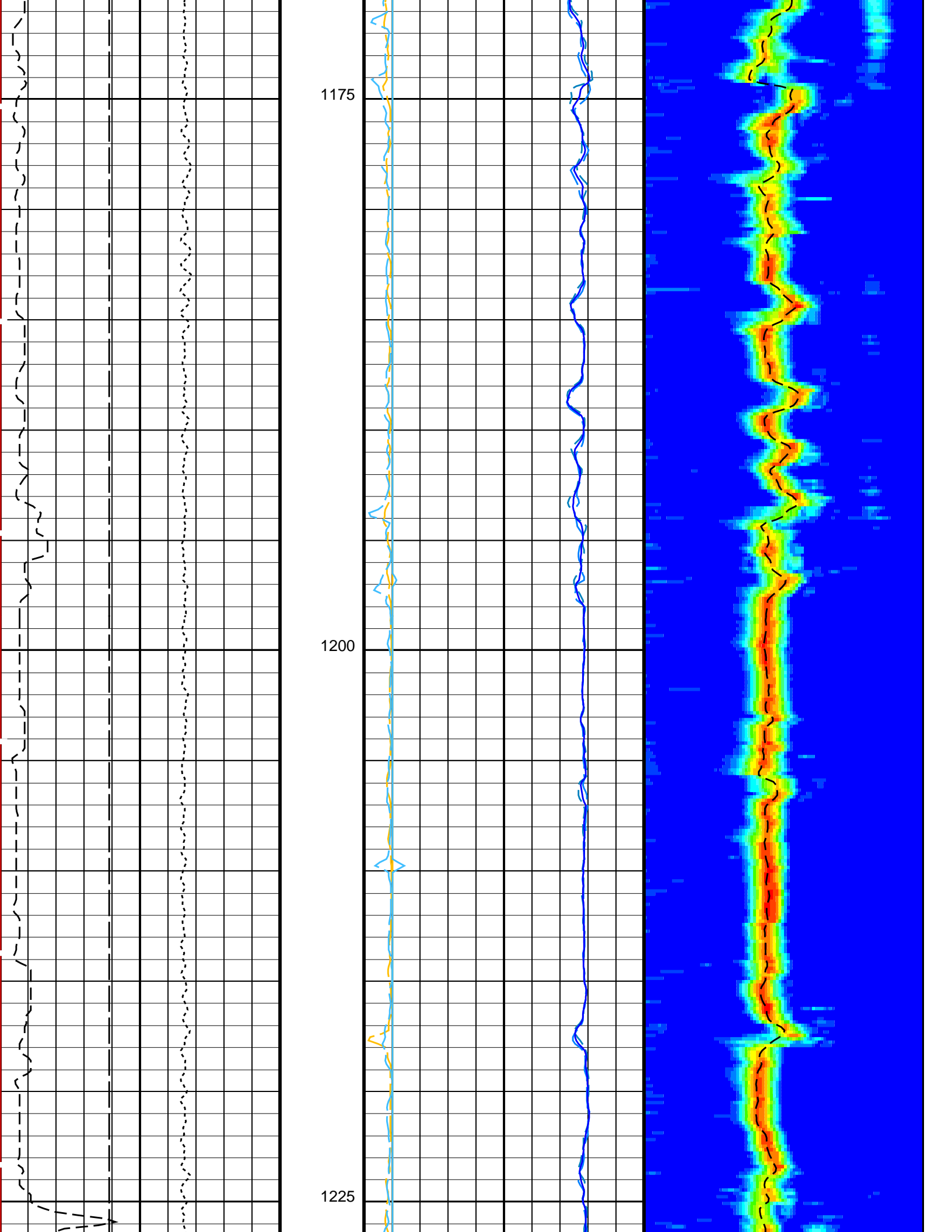


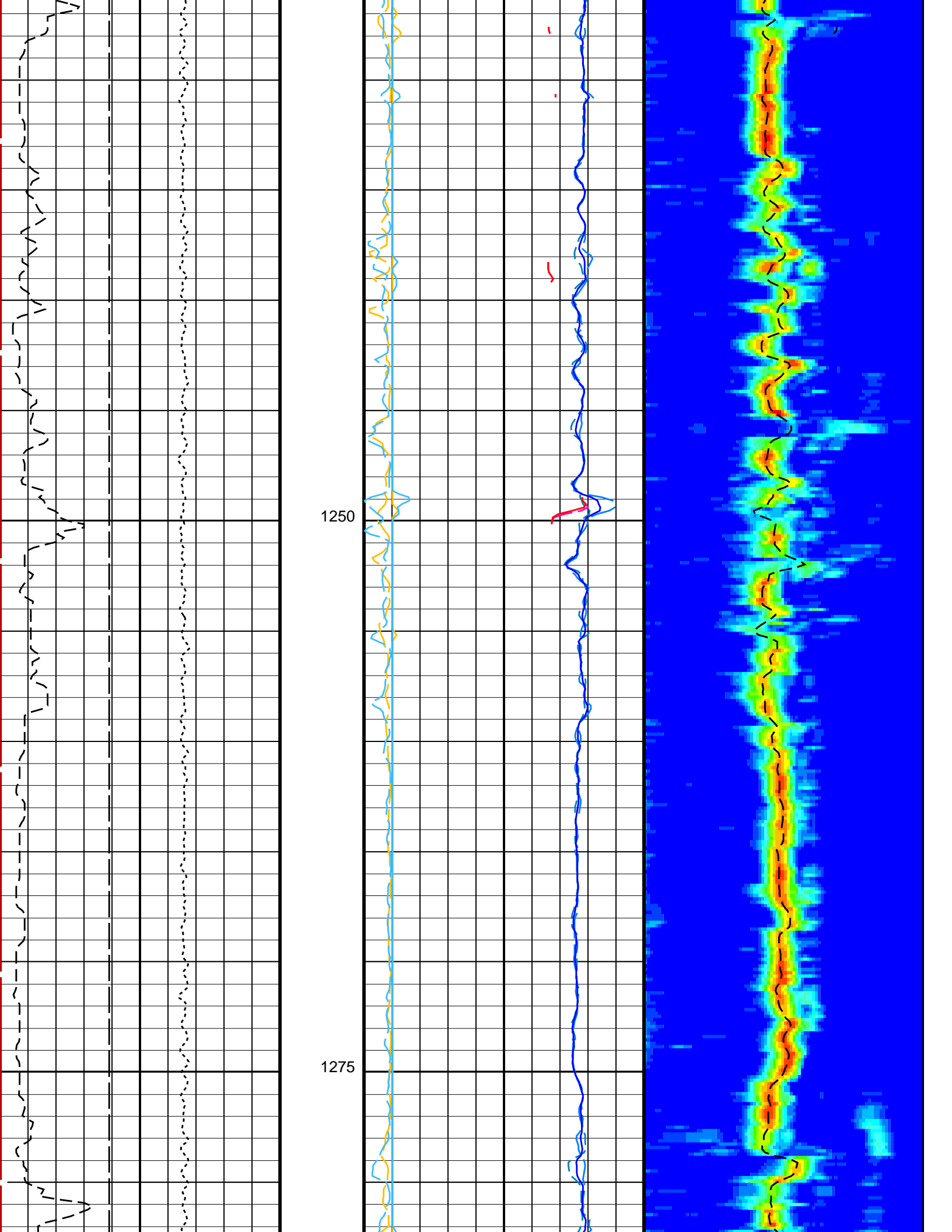


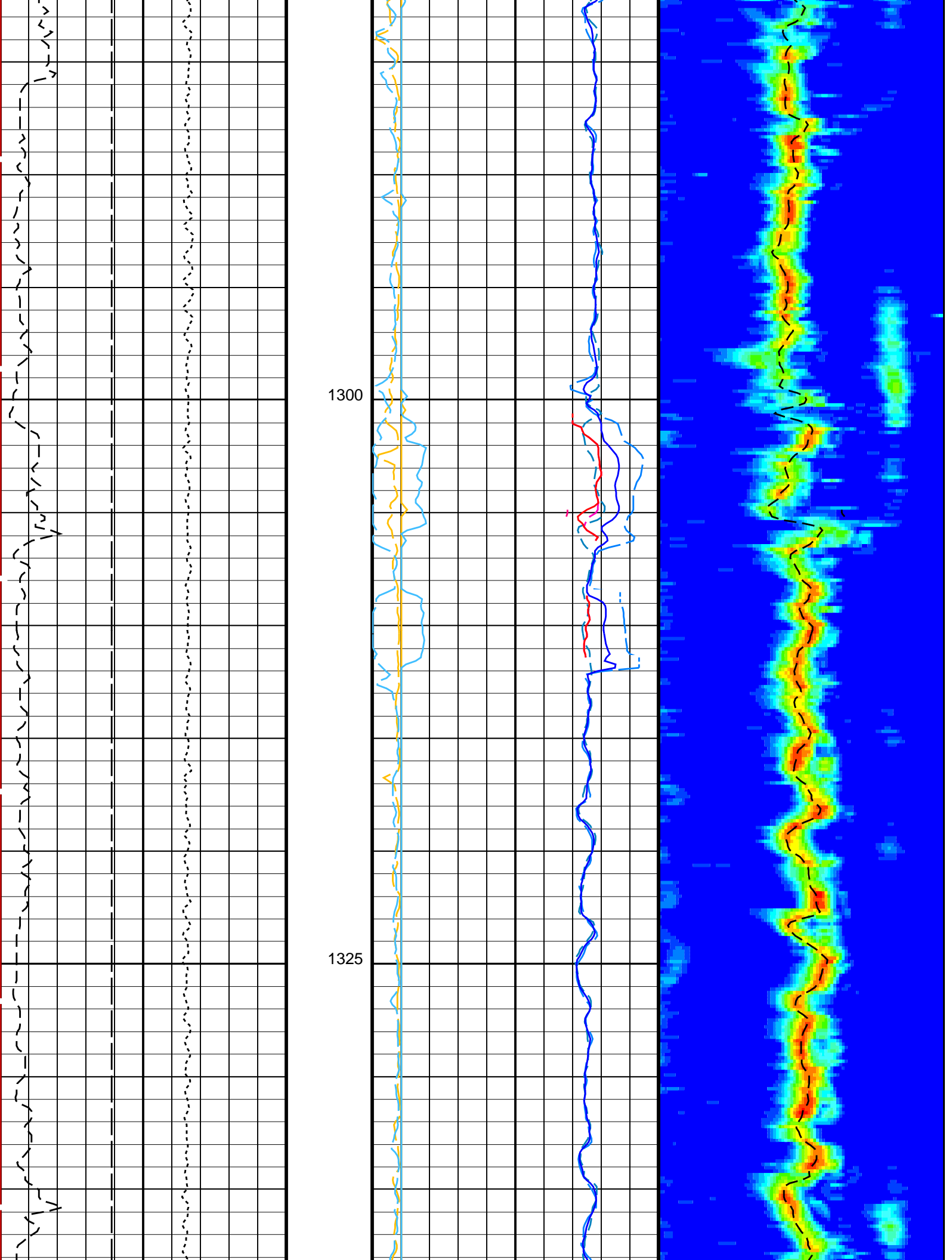
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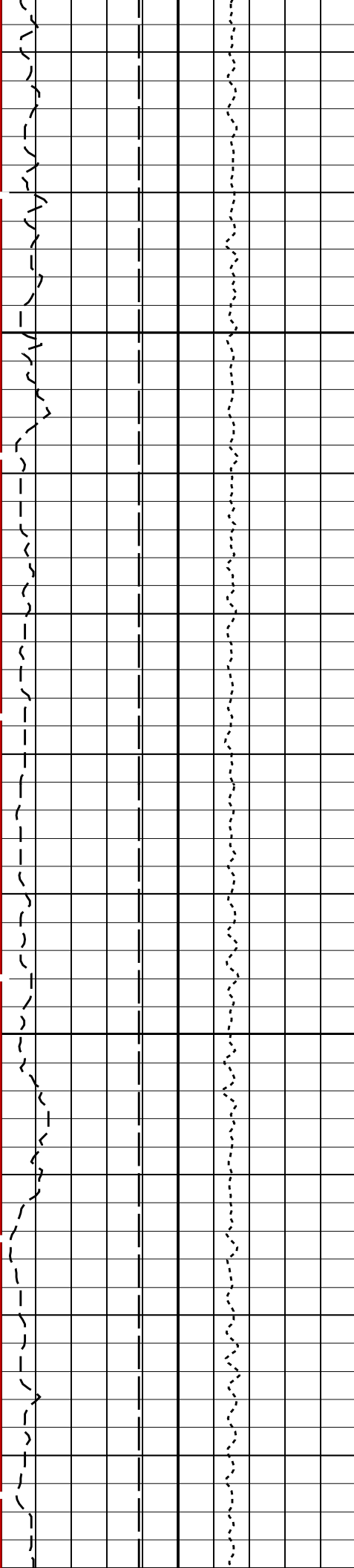
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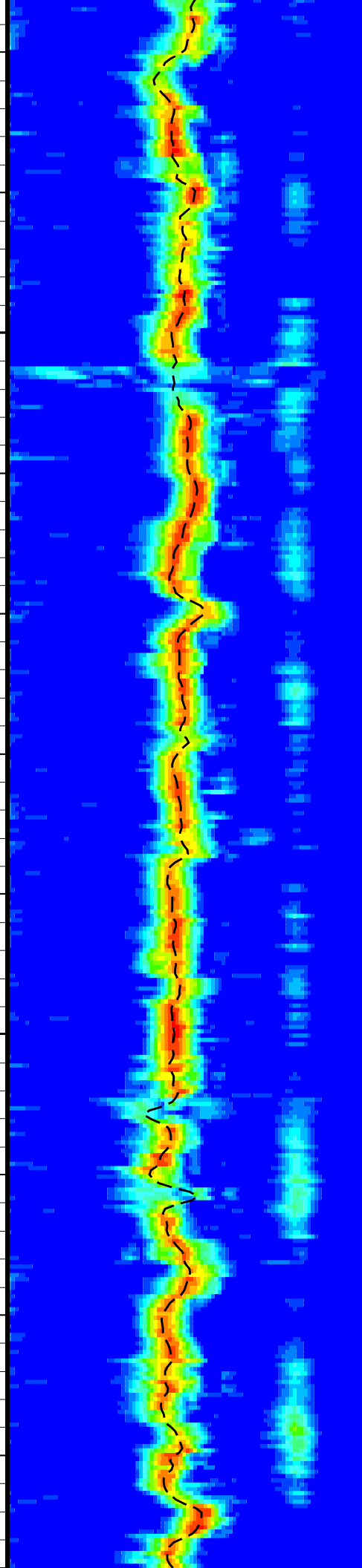
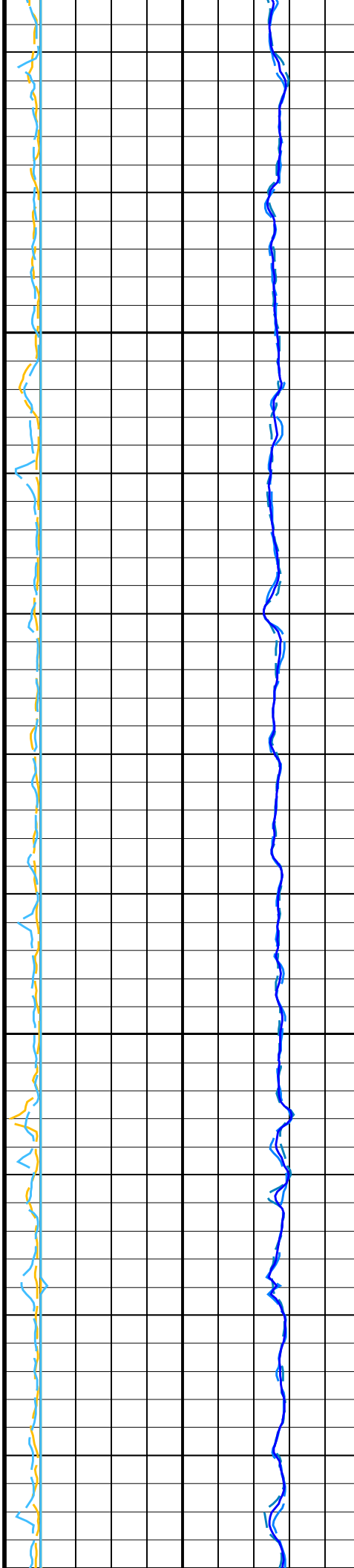


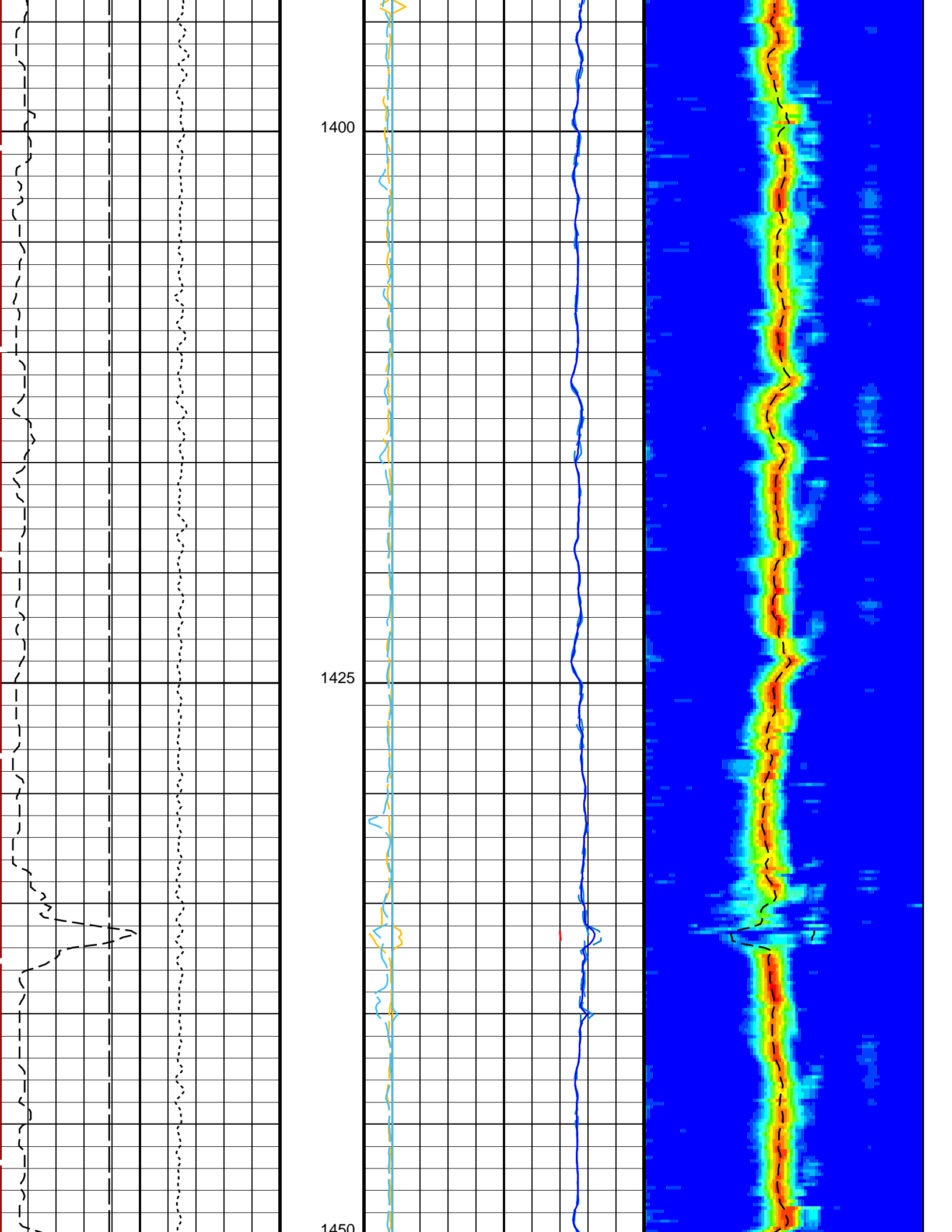


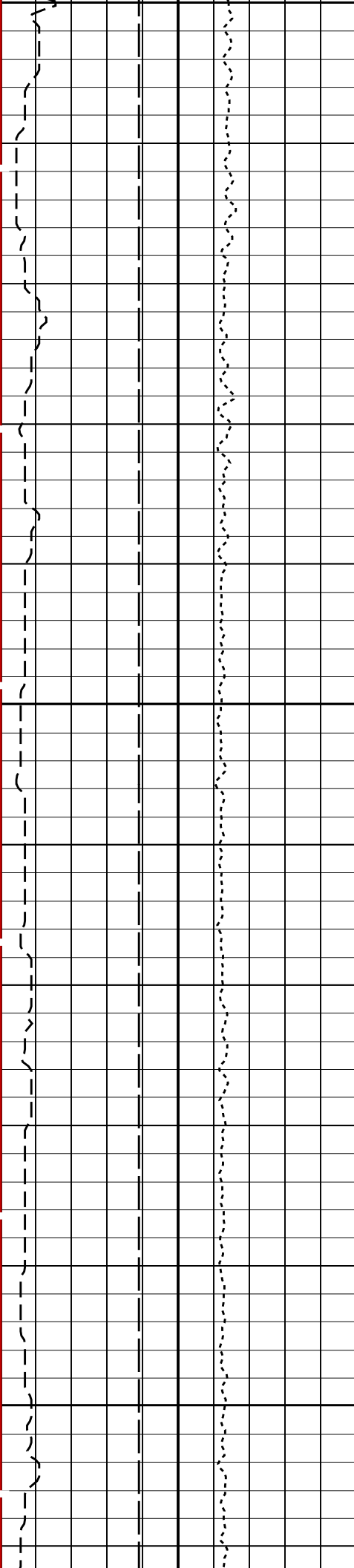


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1375



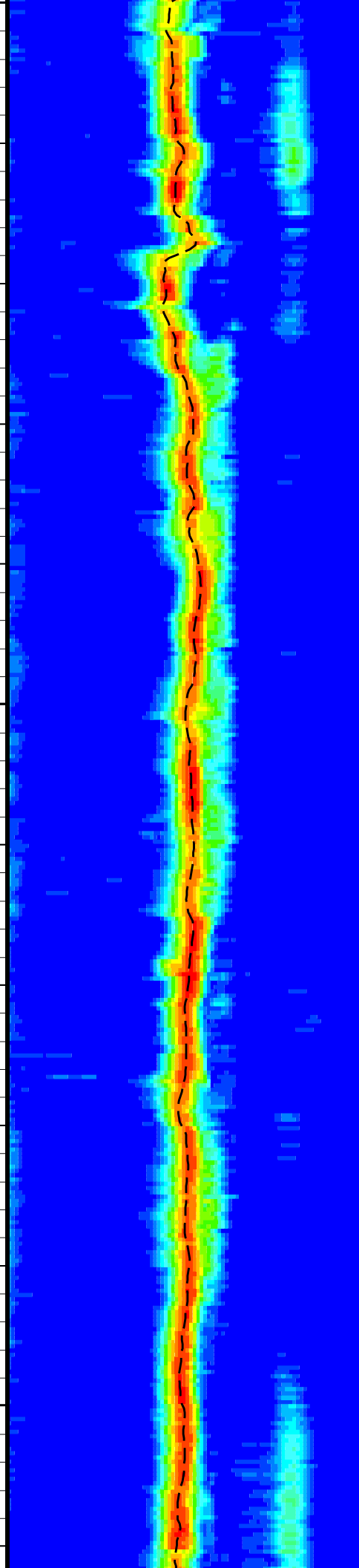
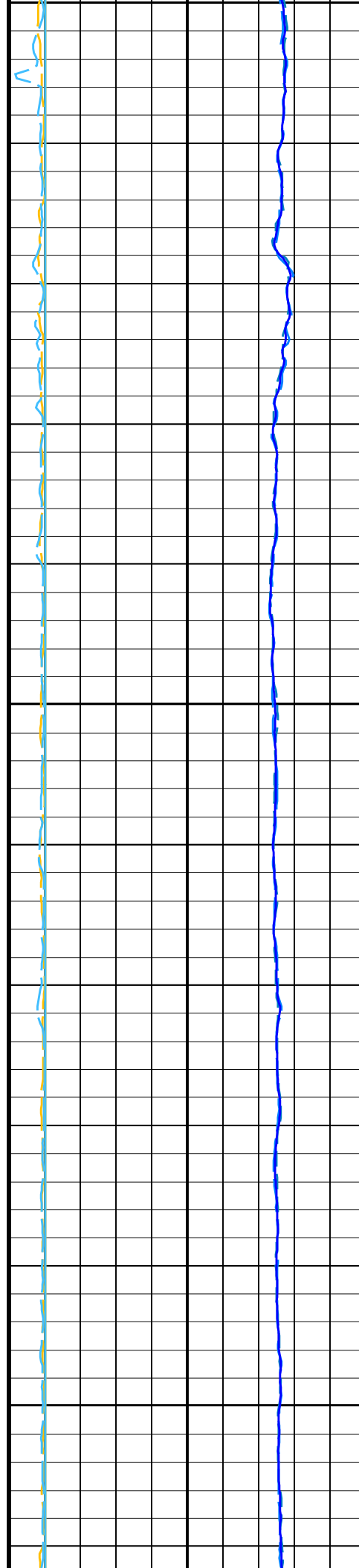


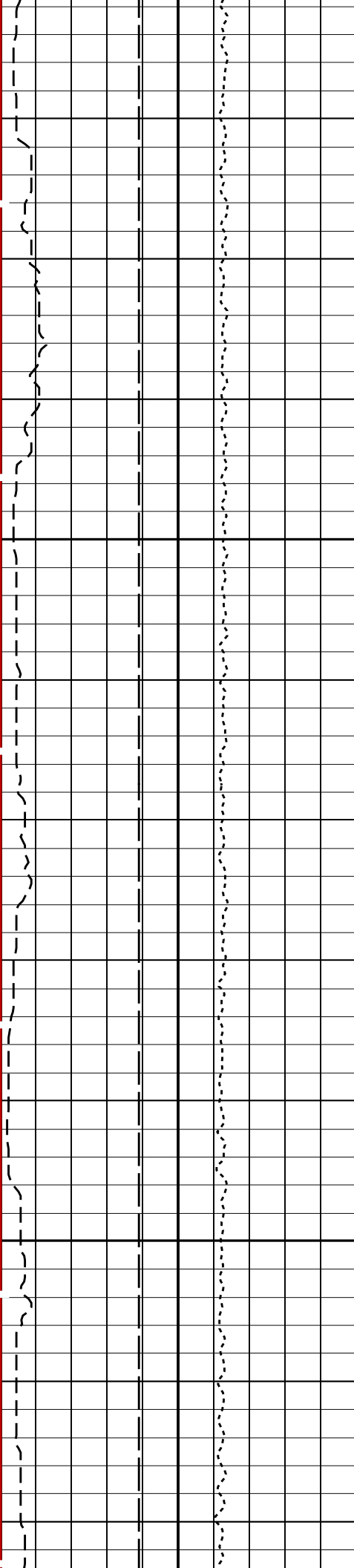


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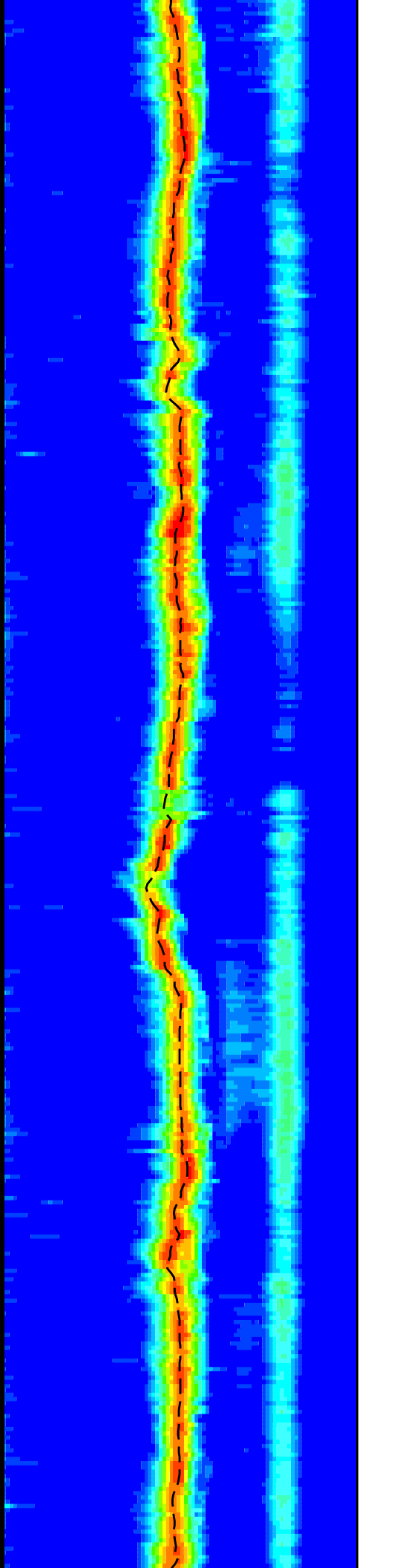
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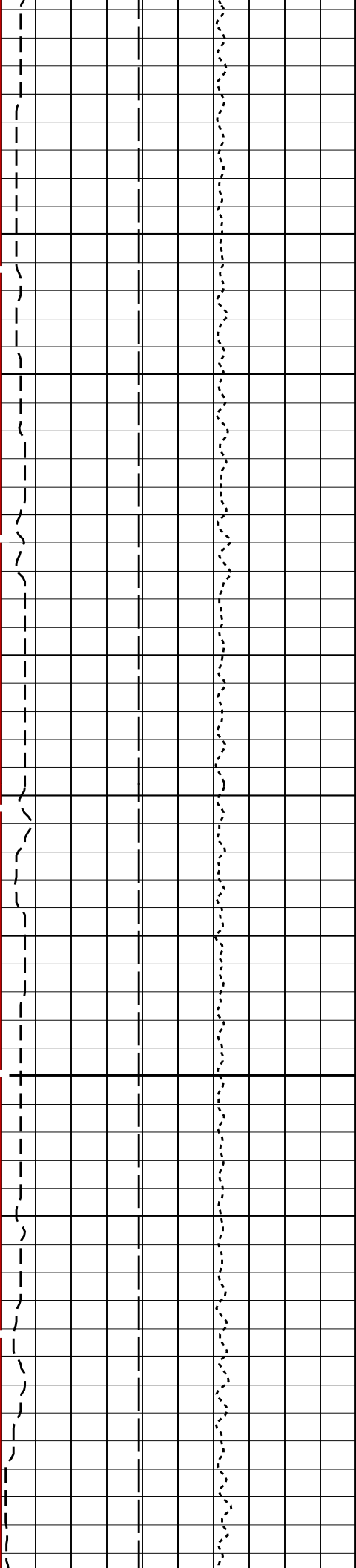




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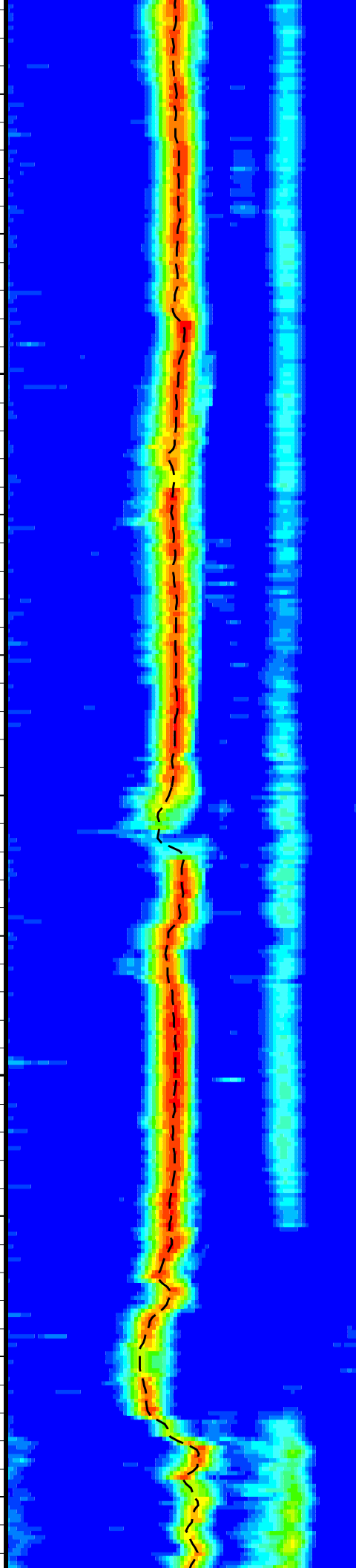
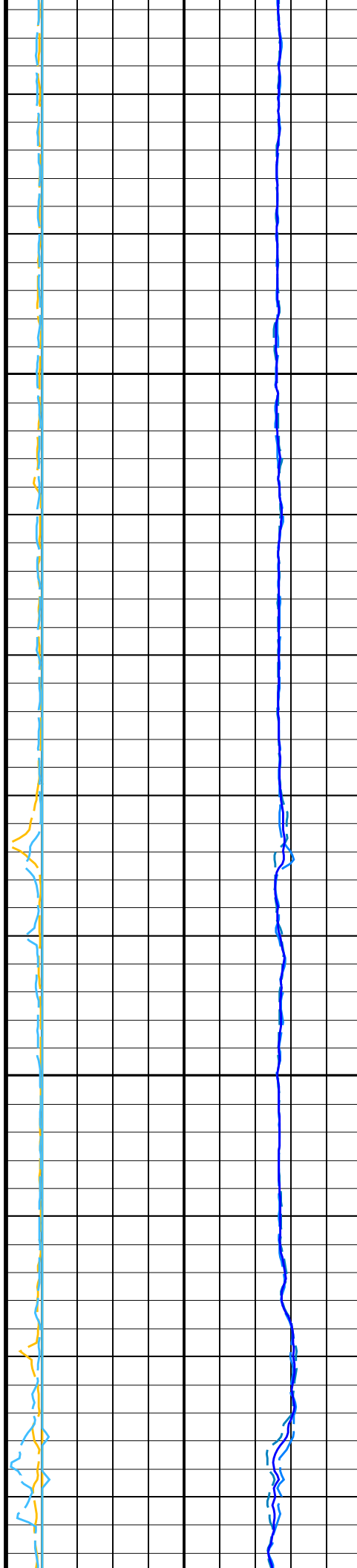
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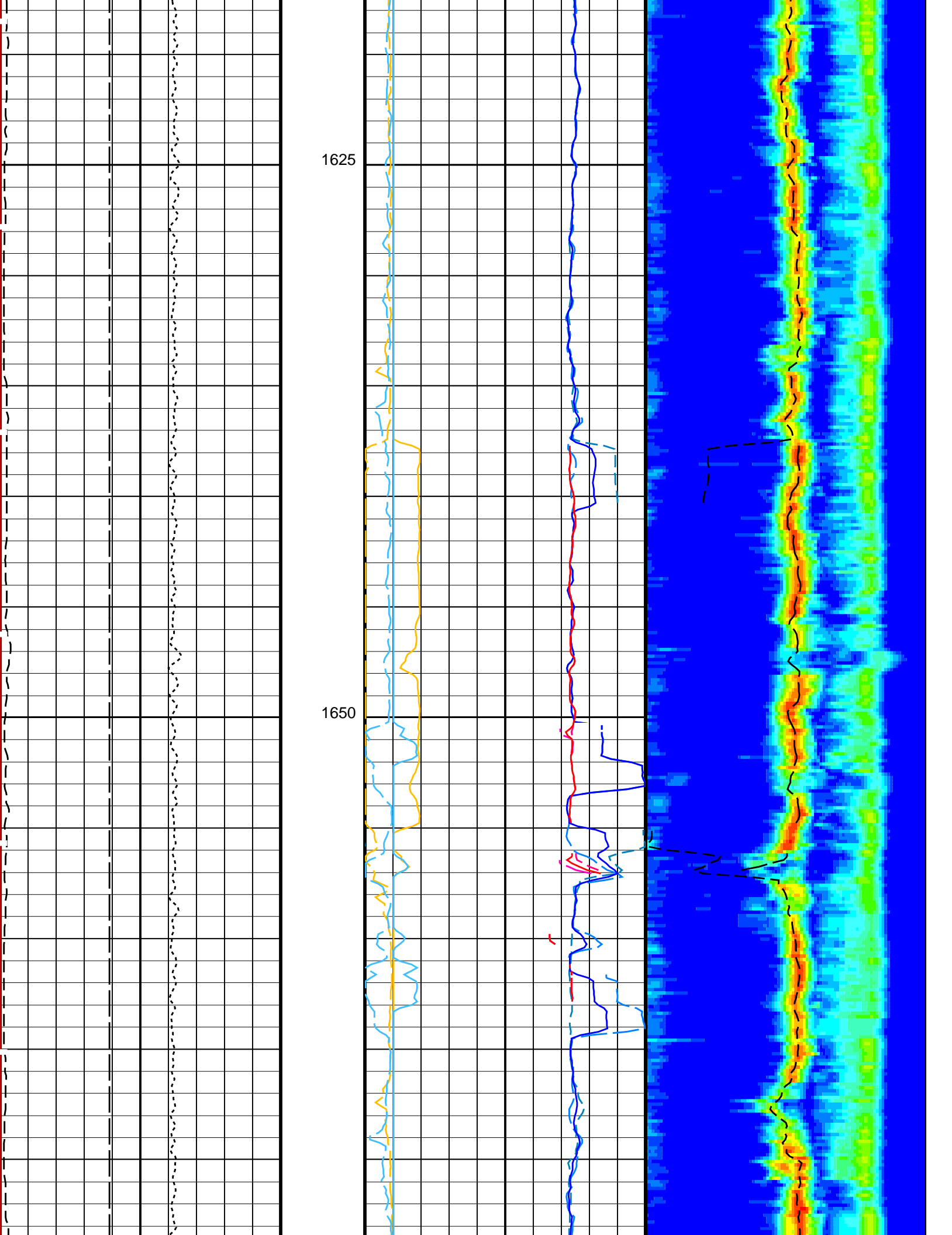




1575

1600





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	75	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	180	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	
WFM4	Waveform Mode 4	W1	
BHS	HRLT–B: High Resolution Laterolog Array – B Borehole Status	OPEN	
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

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25–Sep–2023 06:29

OP System Version: 19C0–187

MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_009LUP FN:7 PRODUCER 25–Sep–2023 06:29

Company: International Ocean Discovery Program Well: Expedition 400, Site U1607A

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_009LUP FN:7 PRODUCER 25–Sep–2023 06:29 1687.1 M 736.1 M

OP System Version: 19C0–187

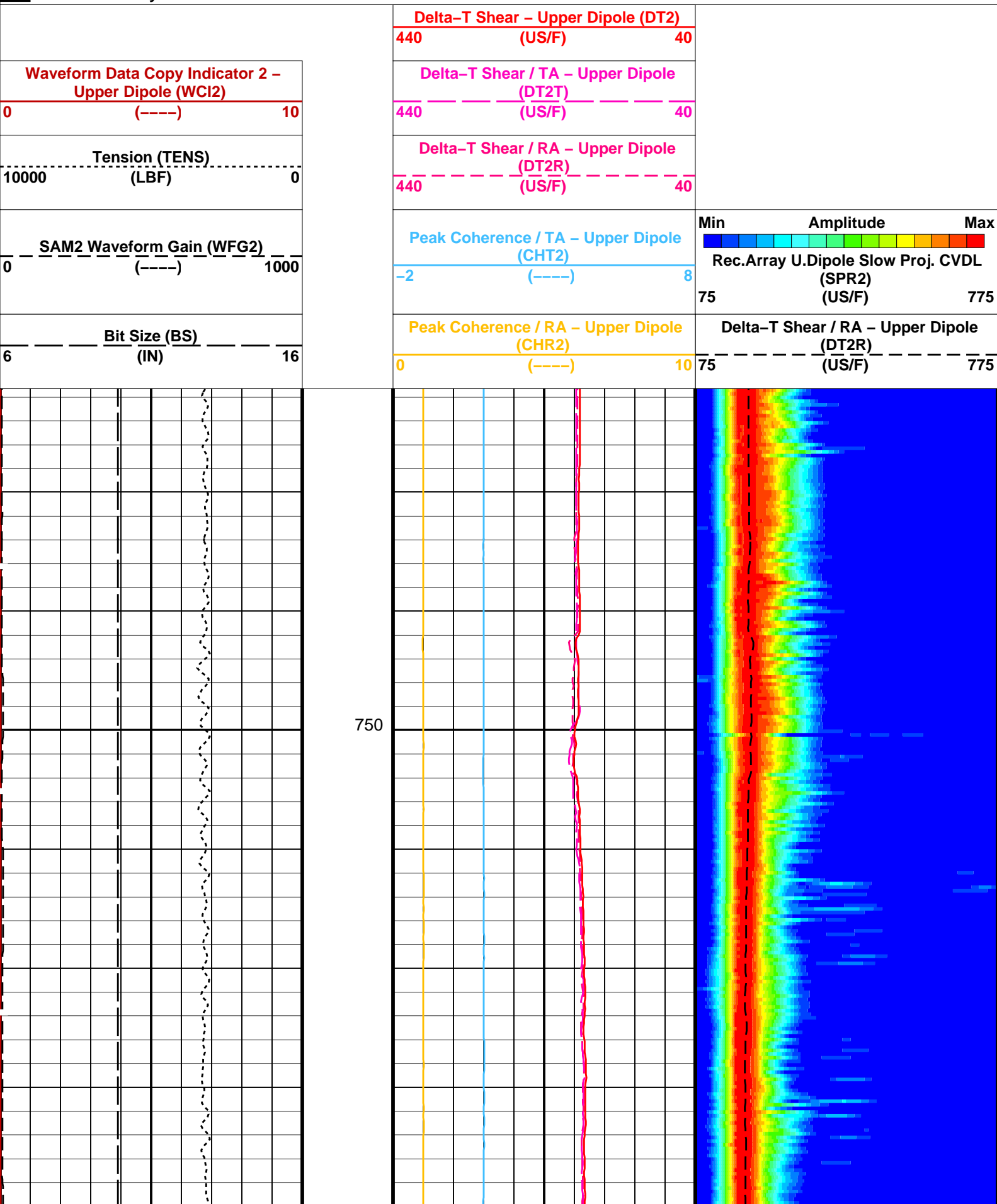
MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

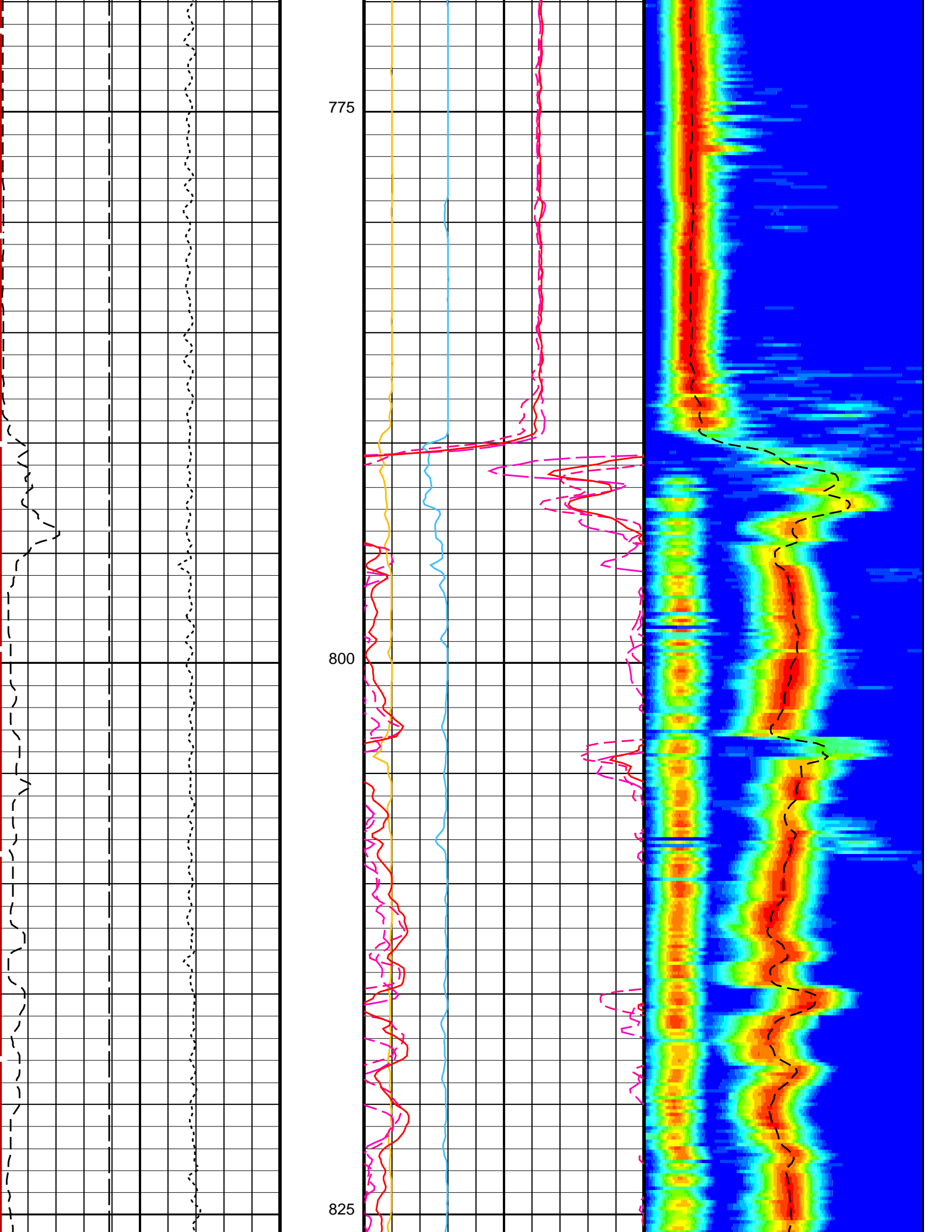
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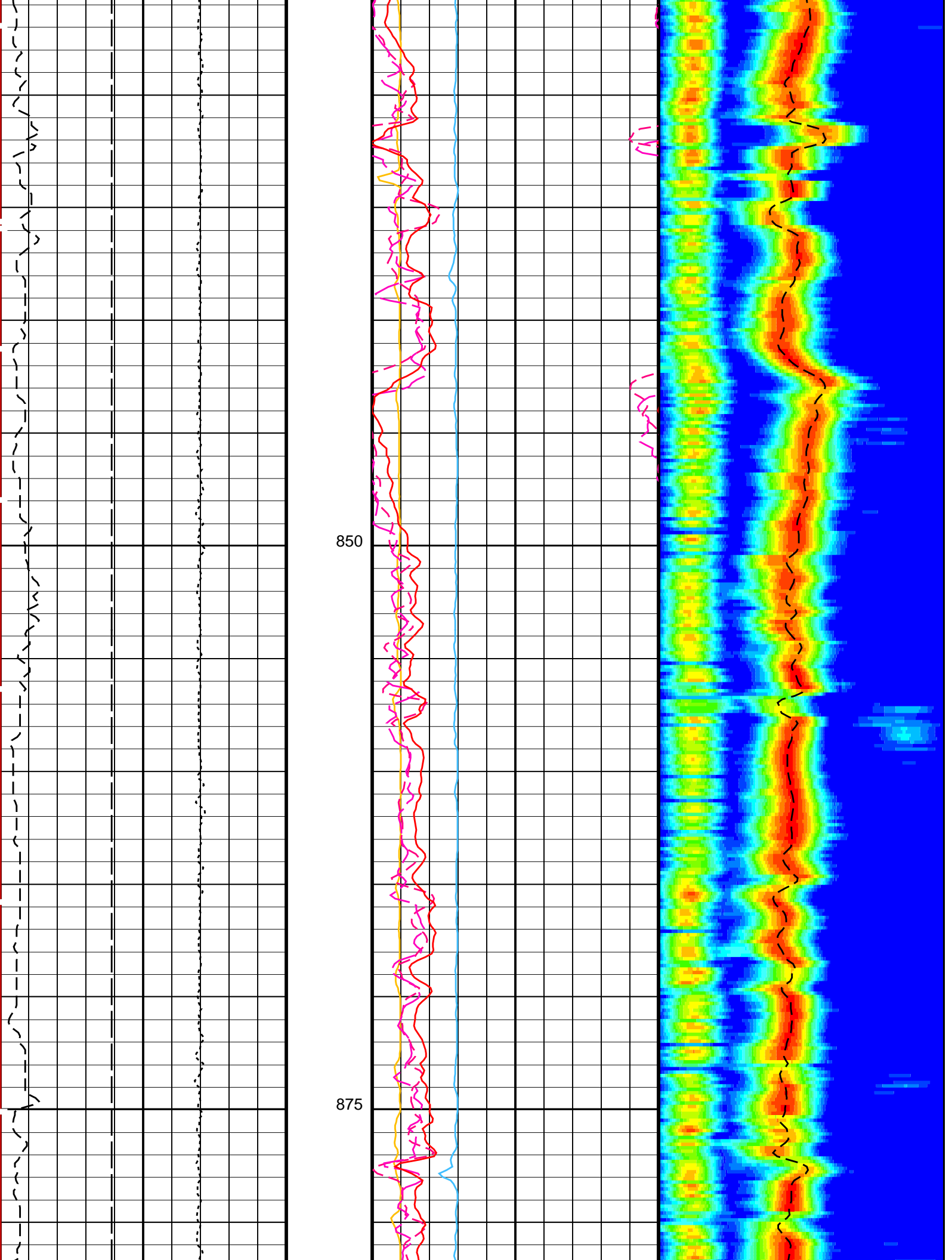
Depth & Time

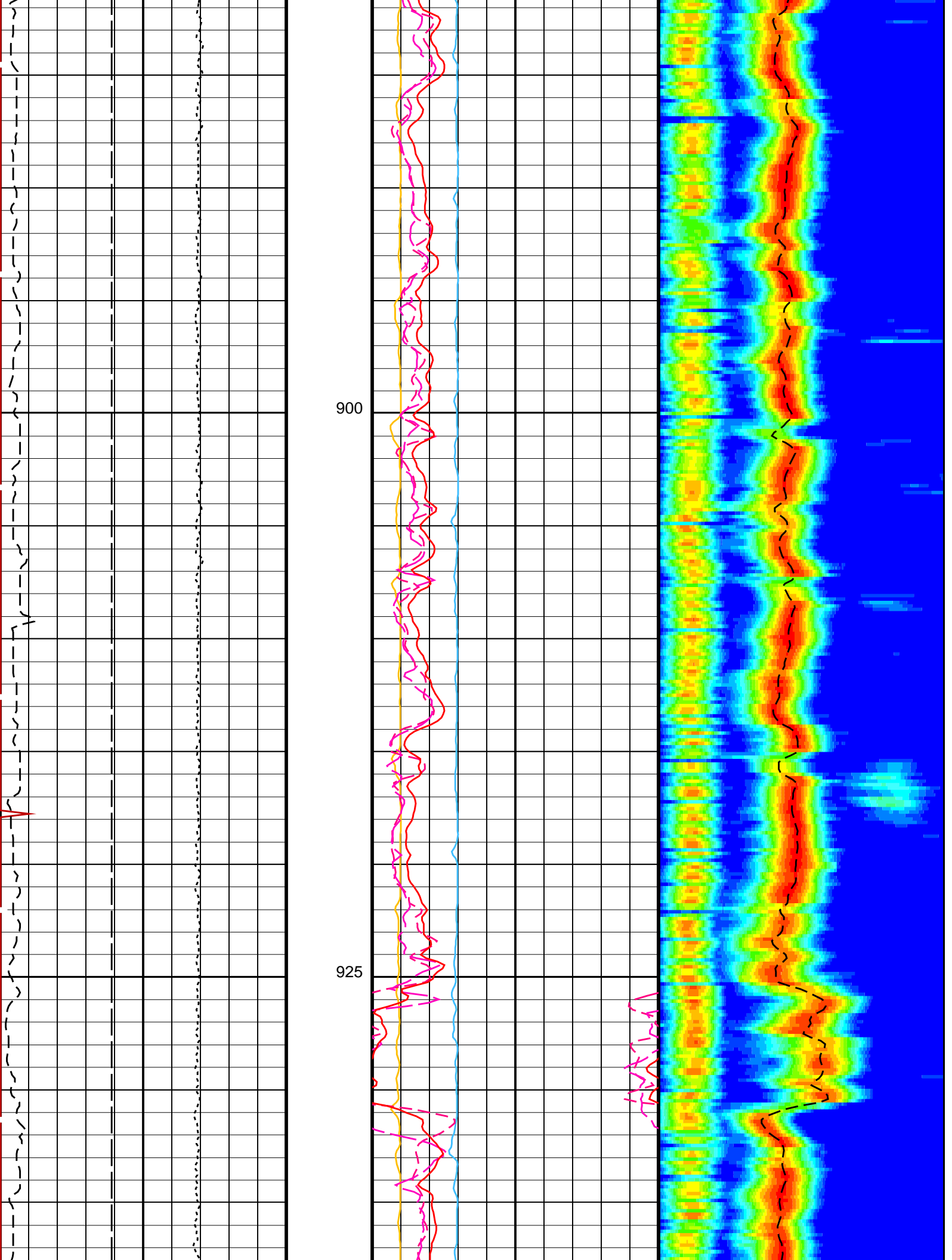
1372.4 07:03:15

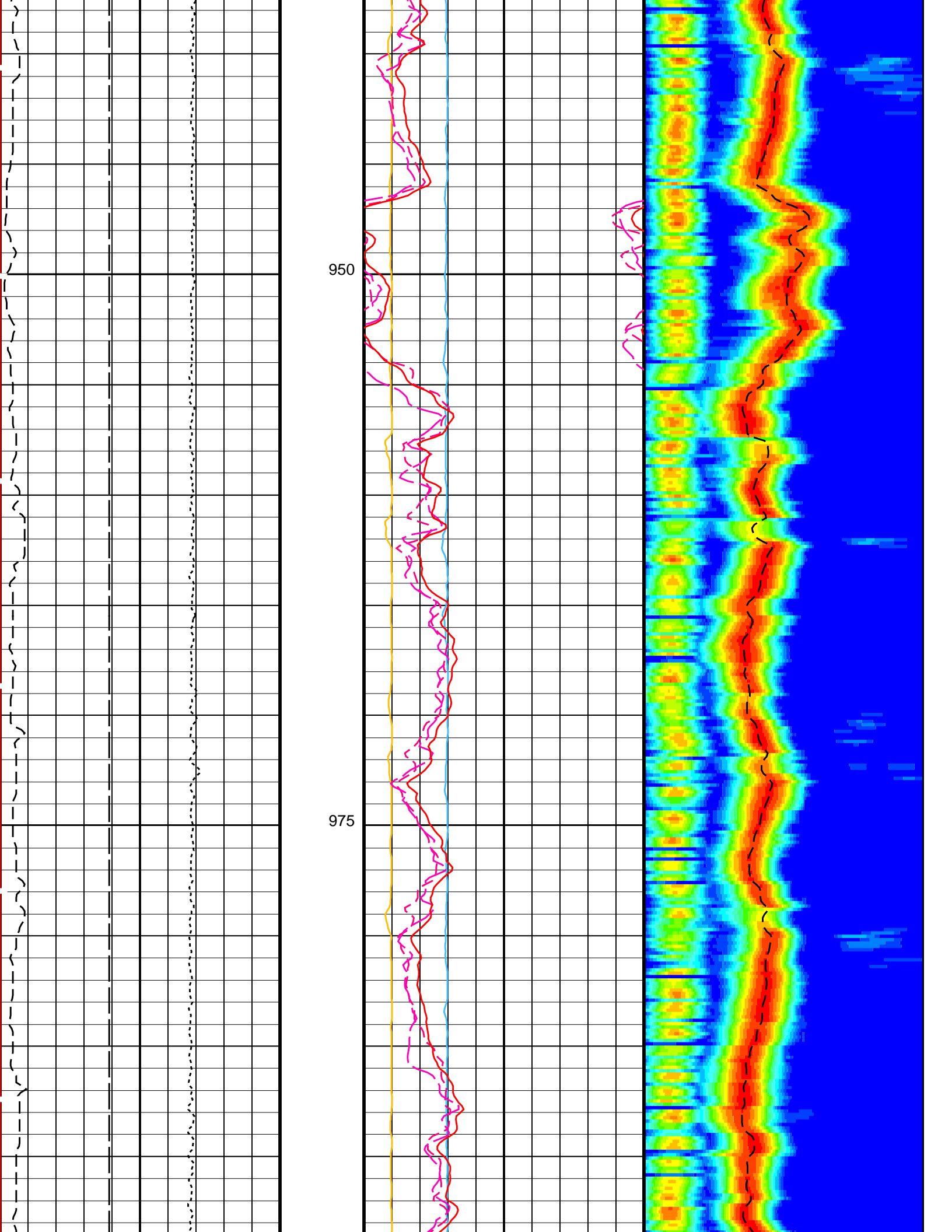
Time Mark Every 60 S

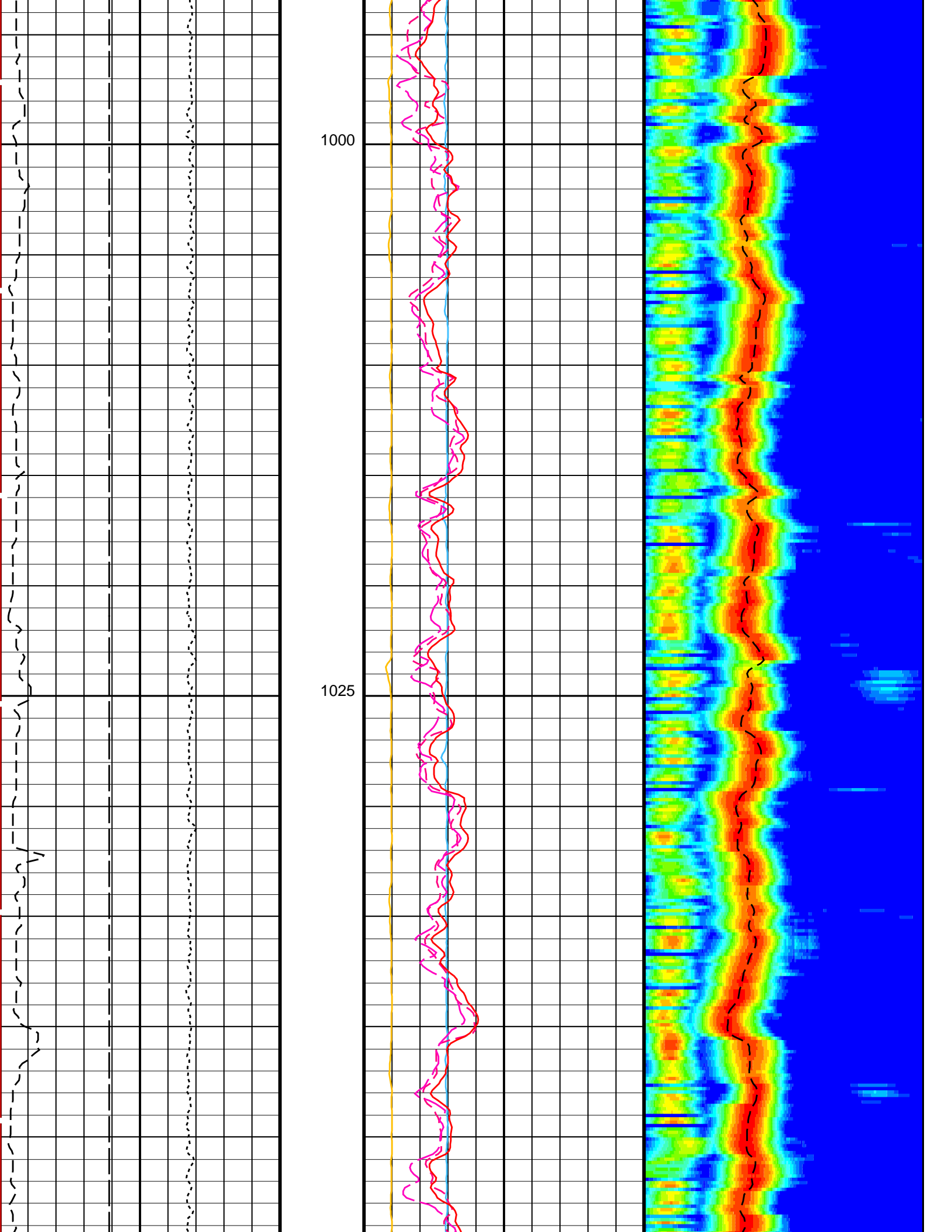


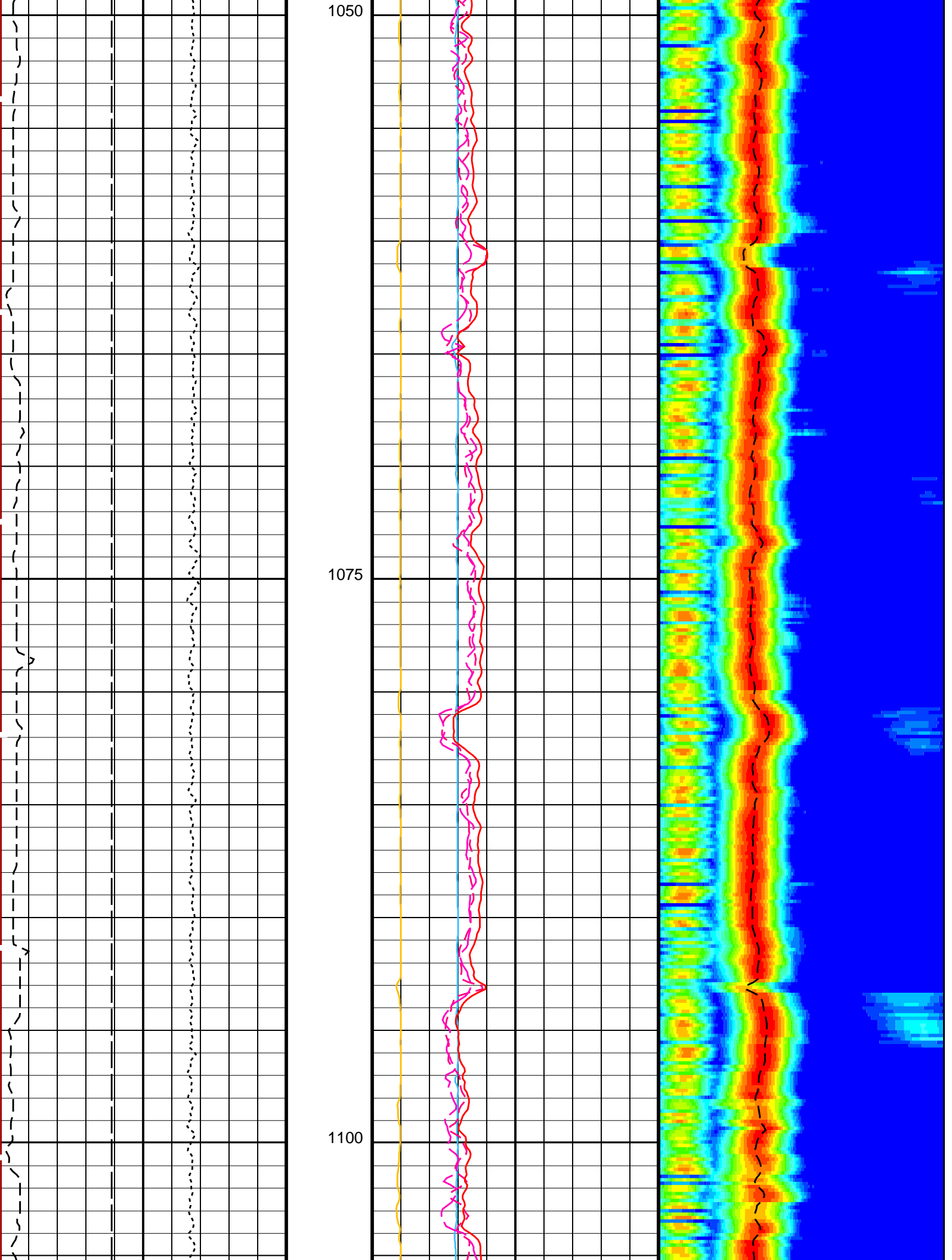


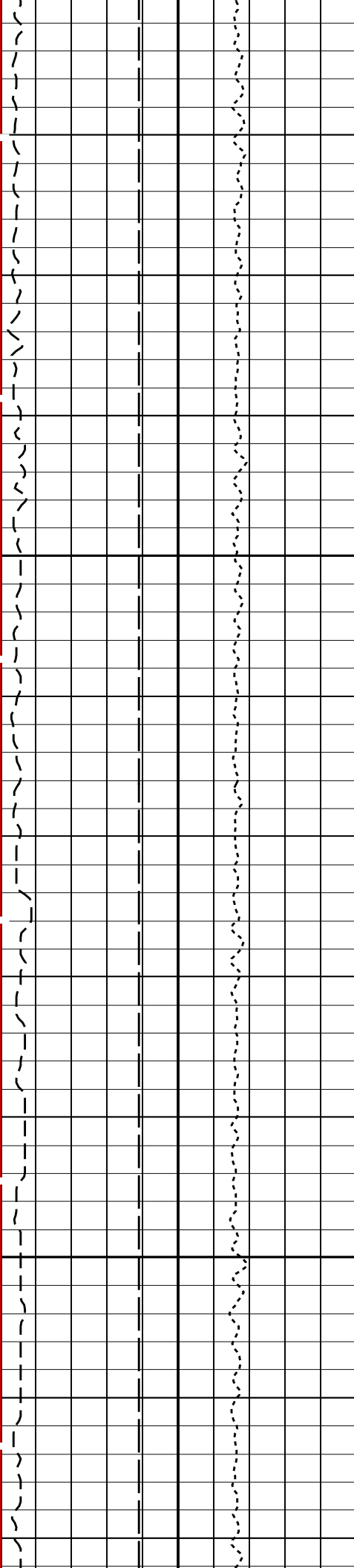






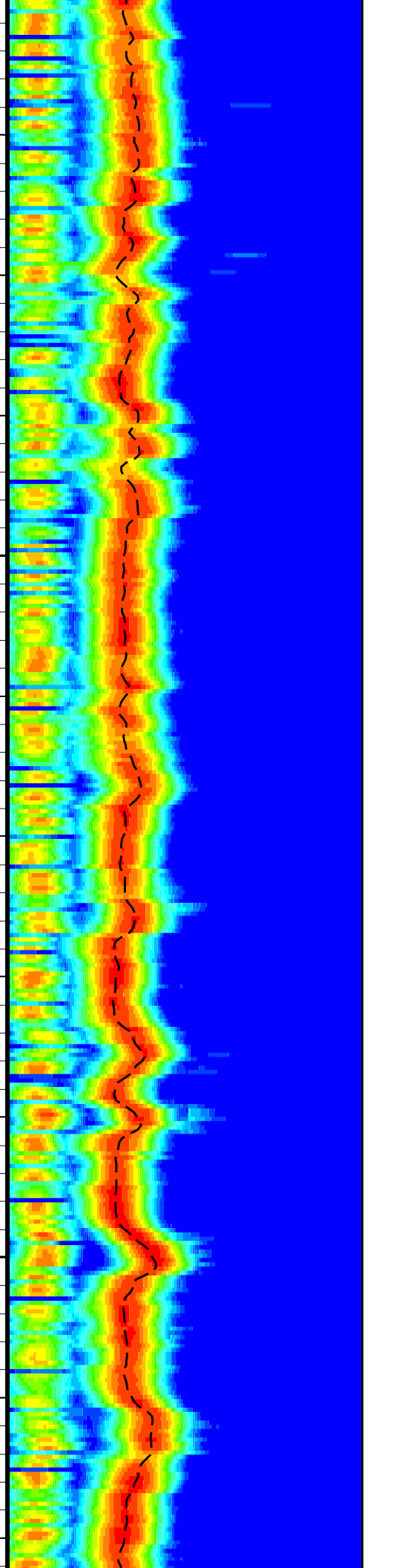
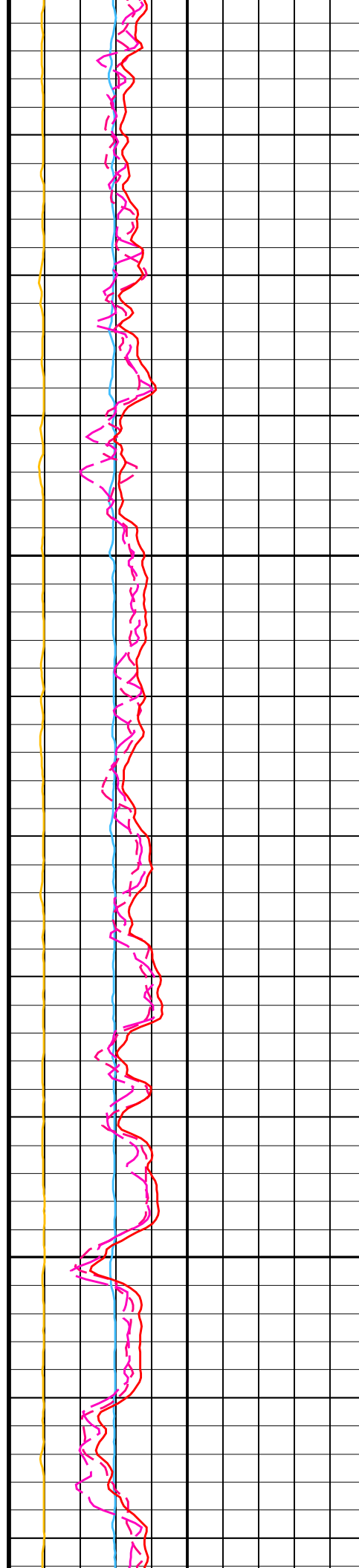


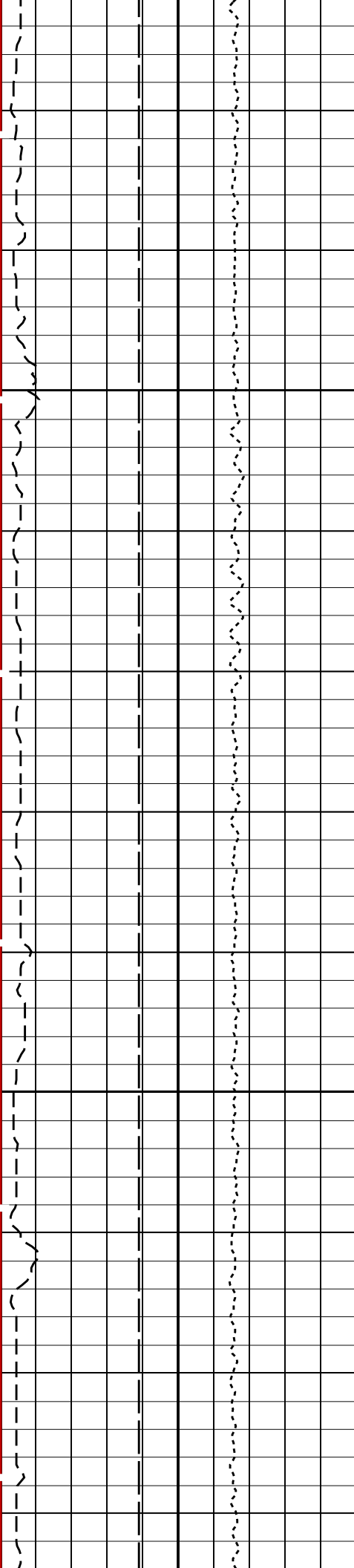




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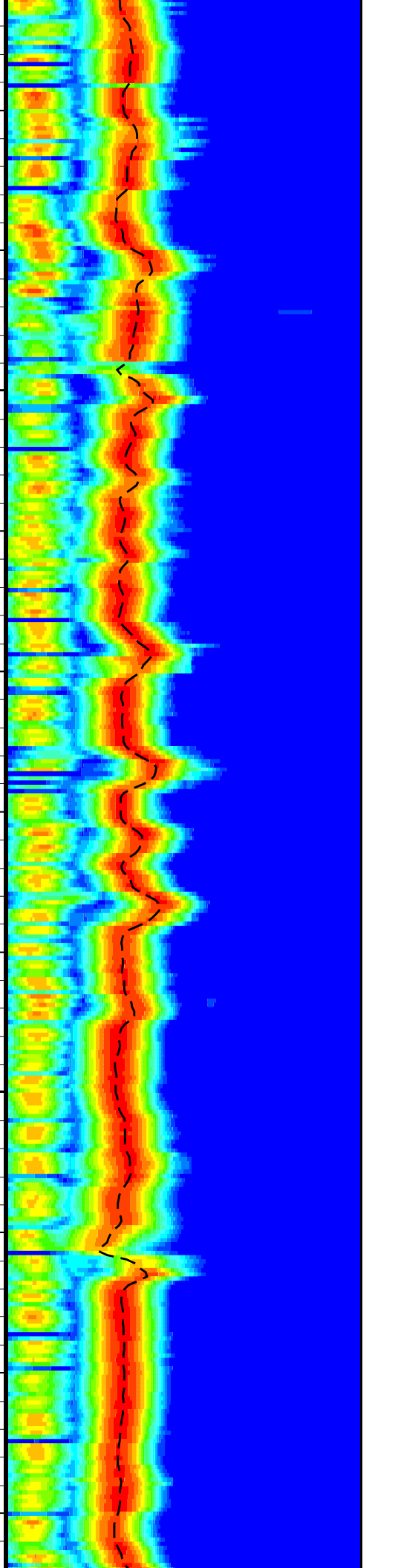
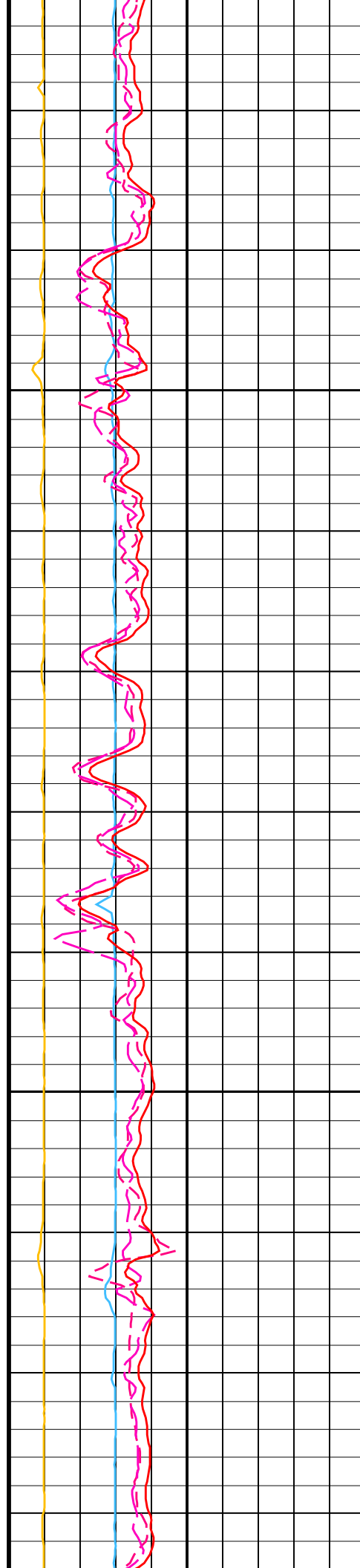
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1175

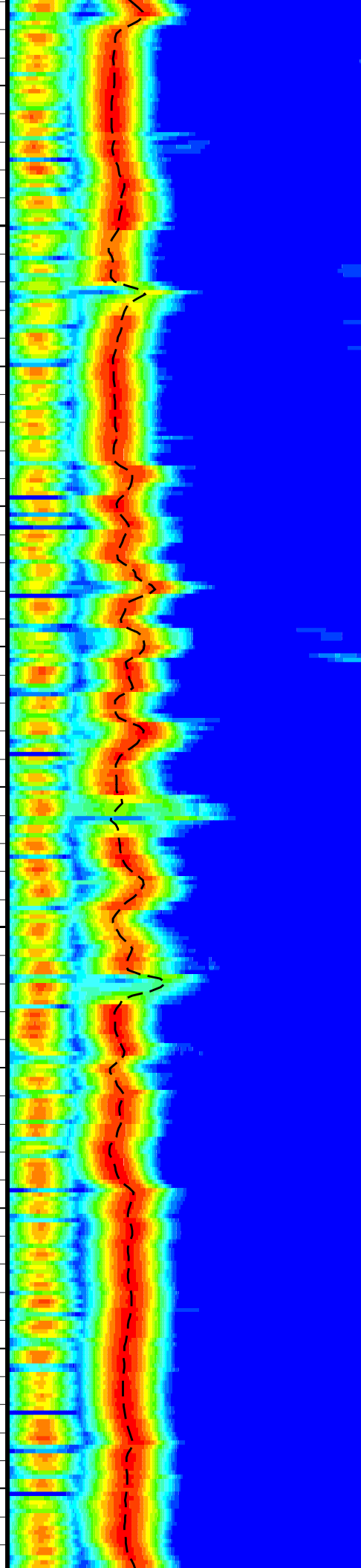
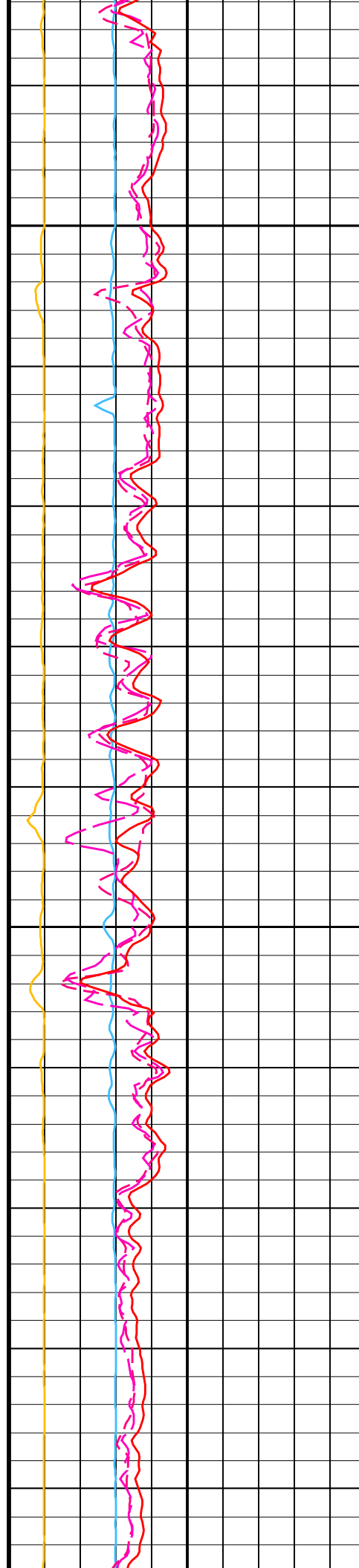
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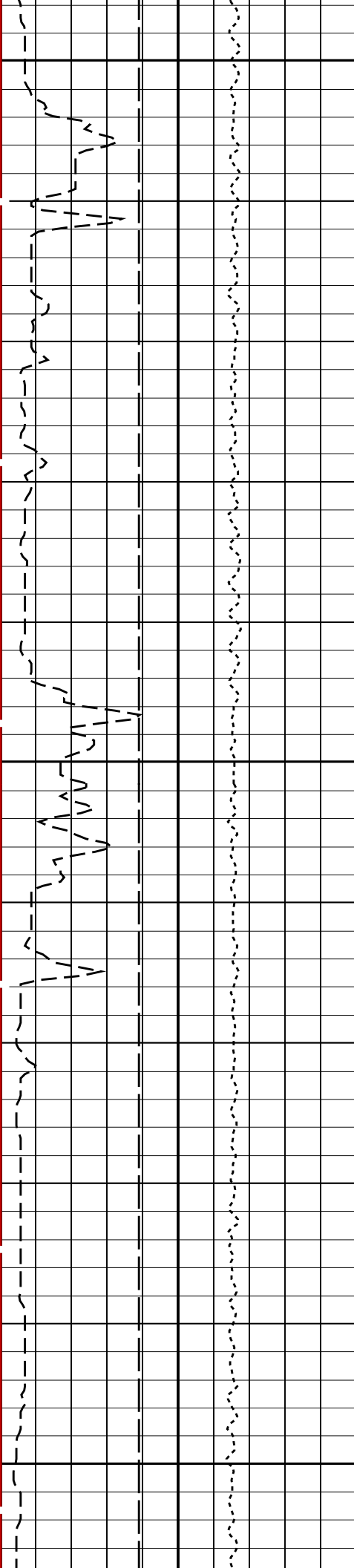




1225

1250

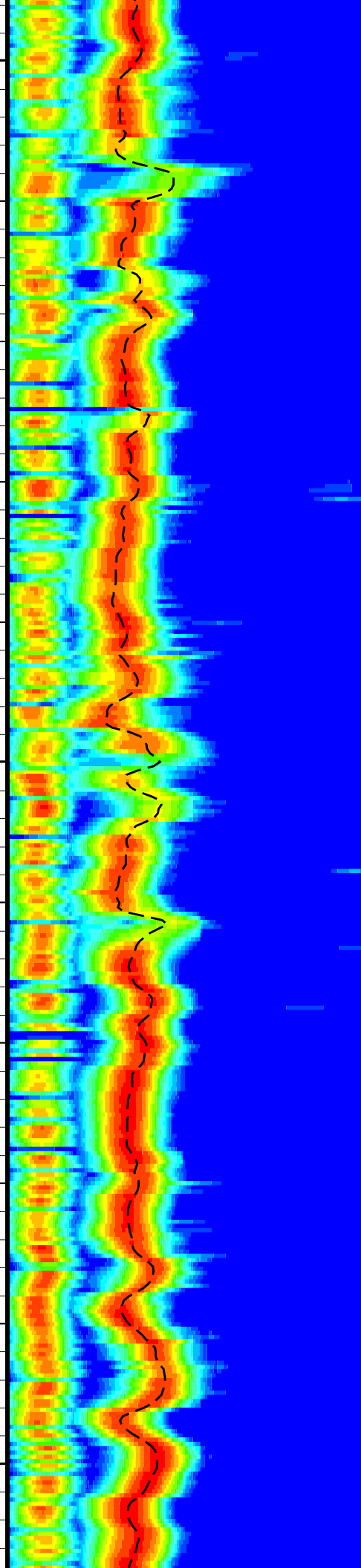
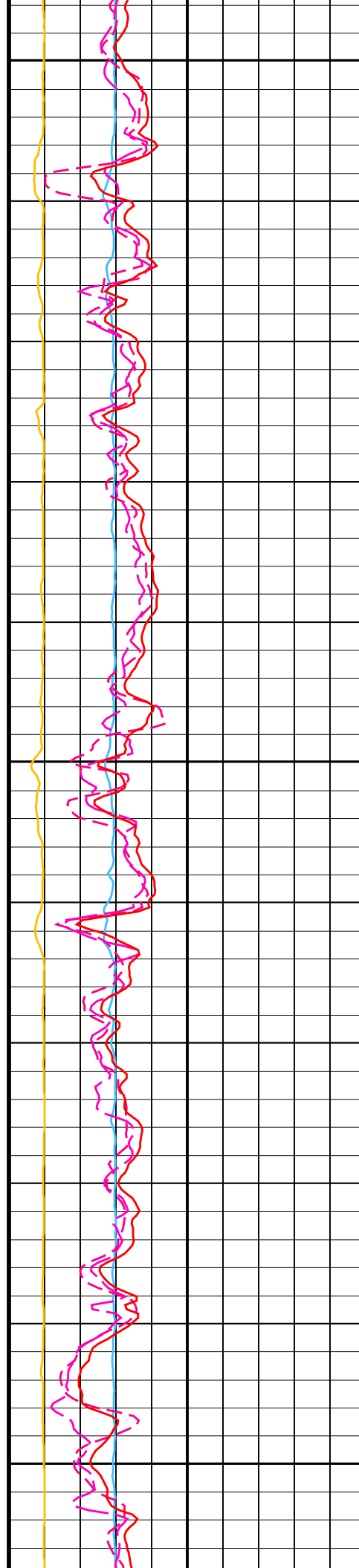


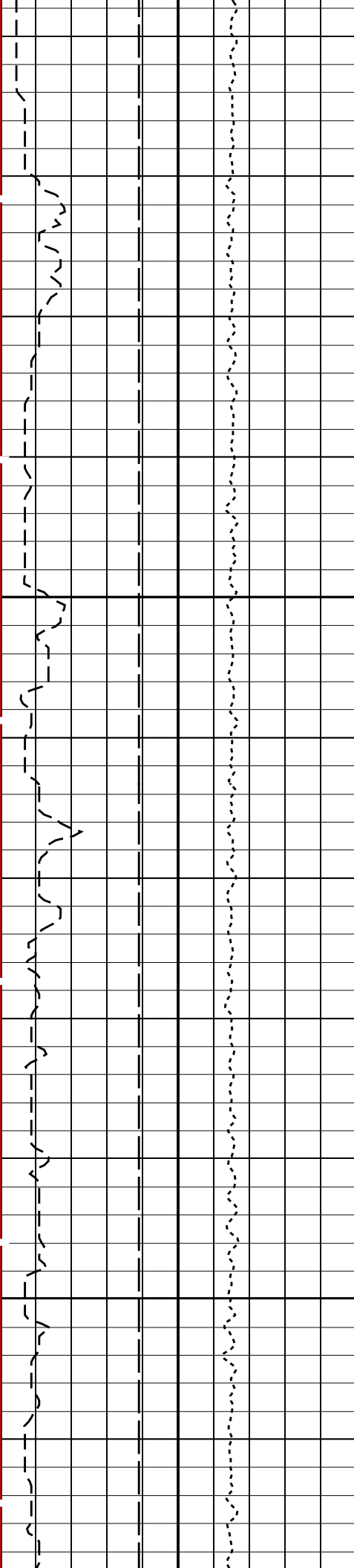


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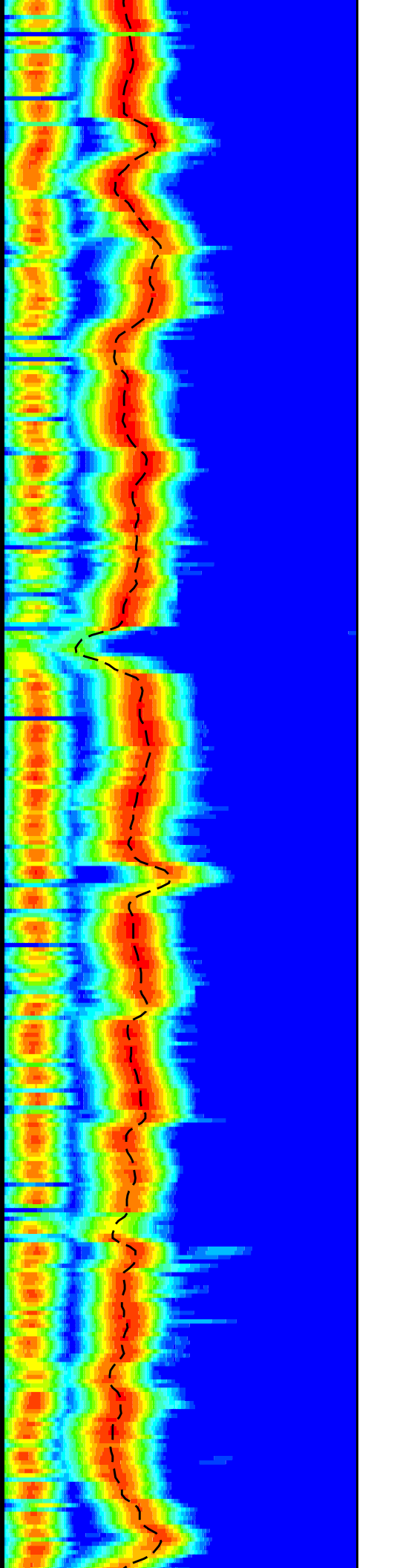
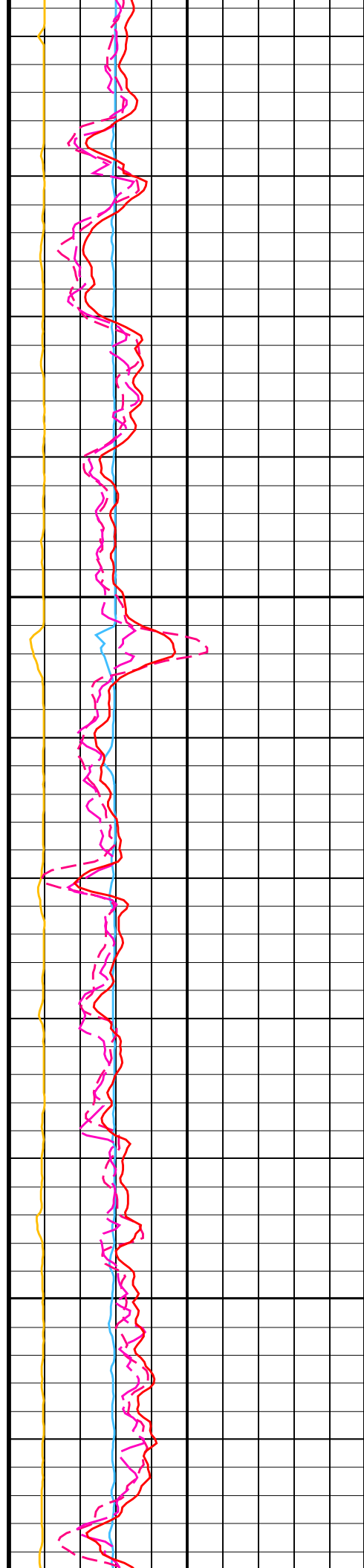
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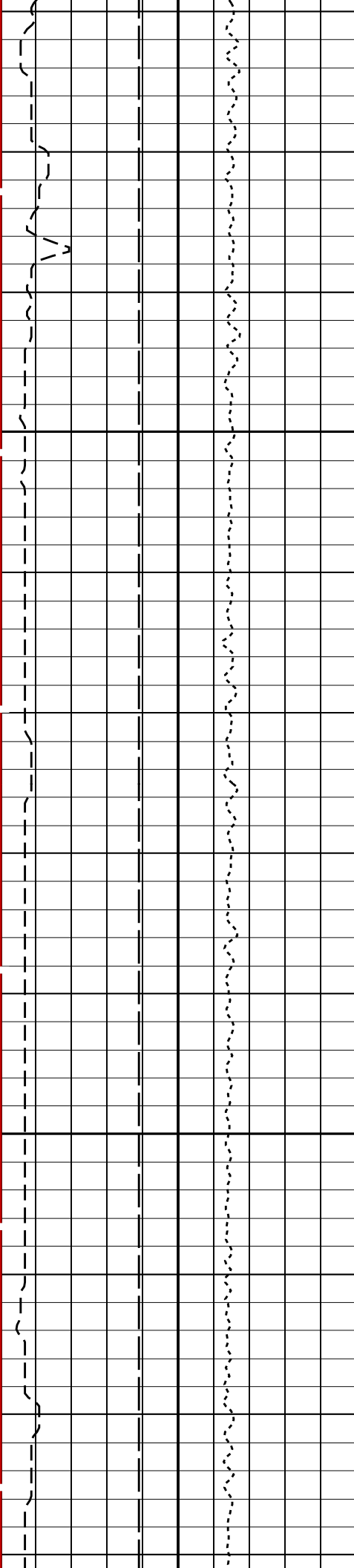




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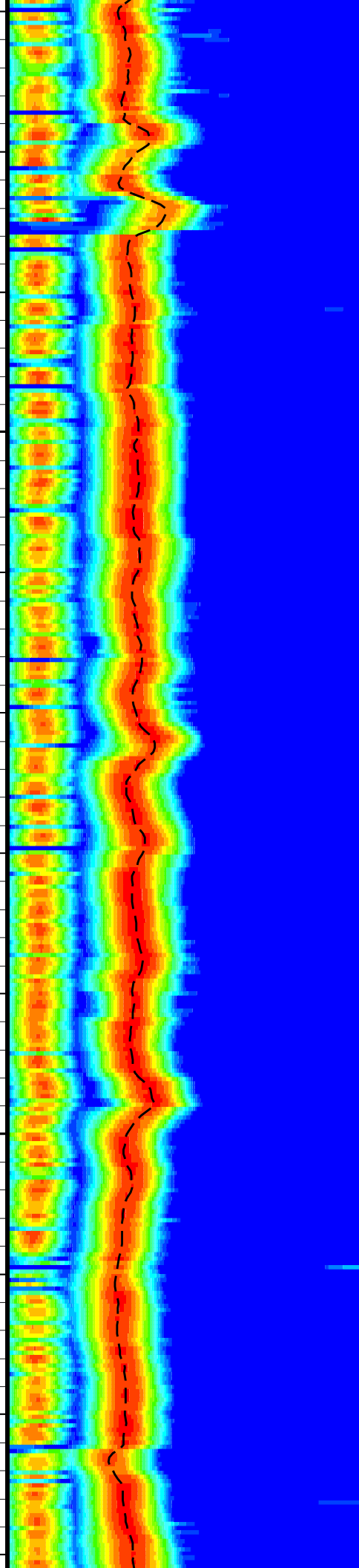
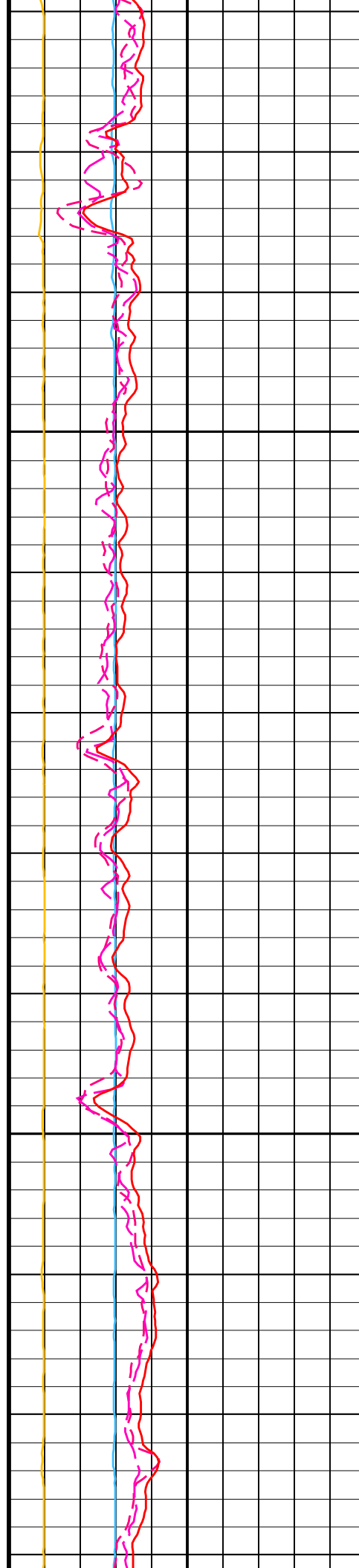
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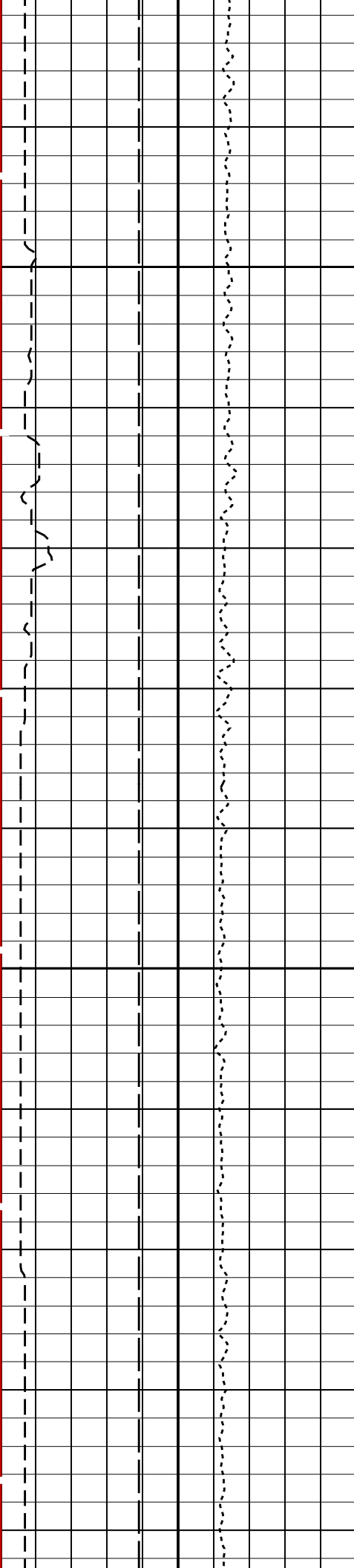




1400

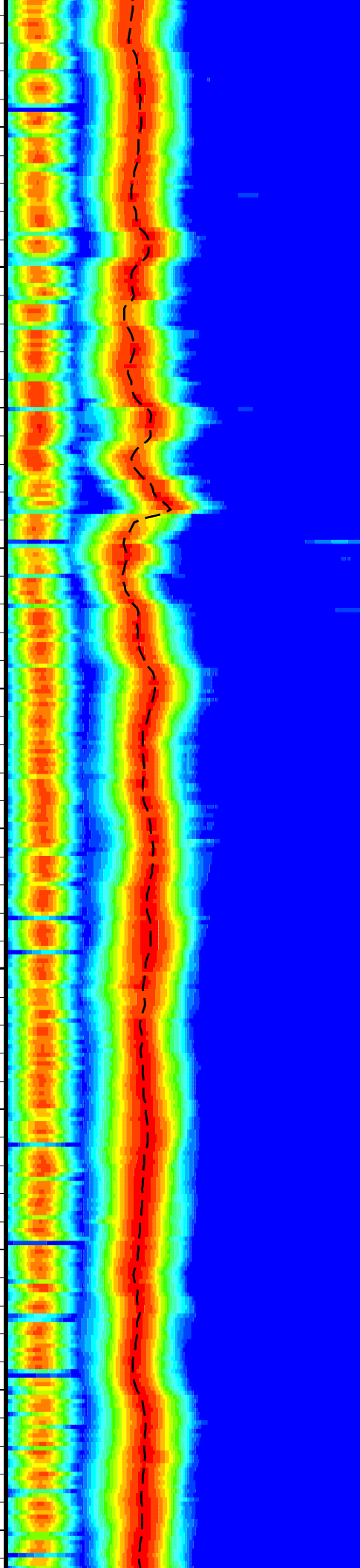
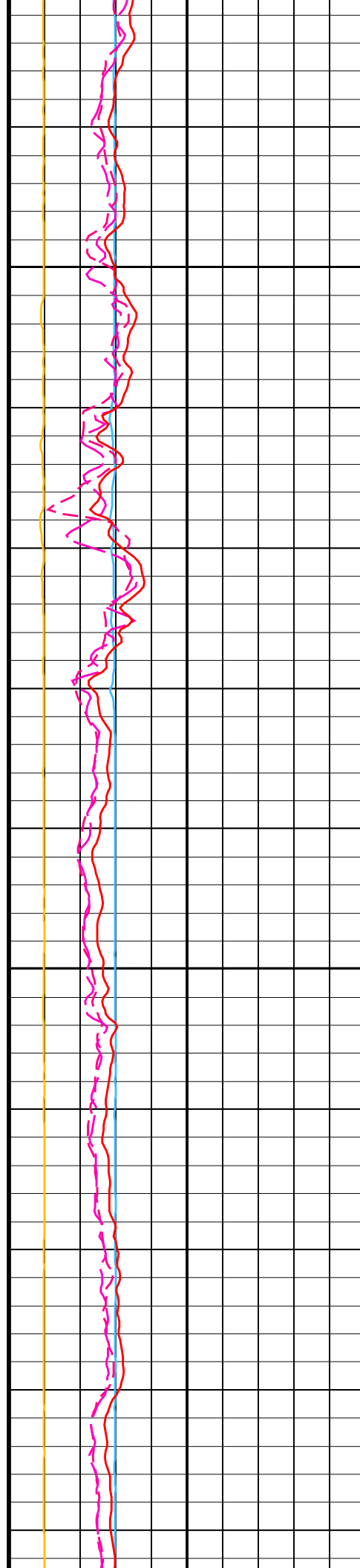
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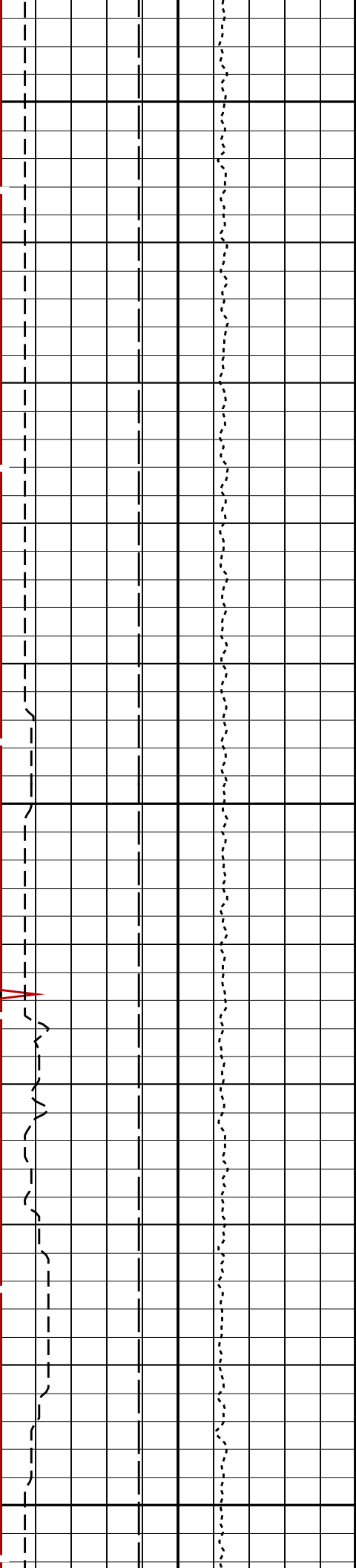




1450

1475

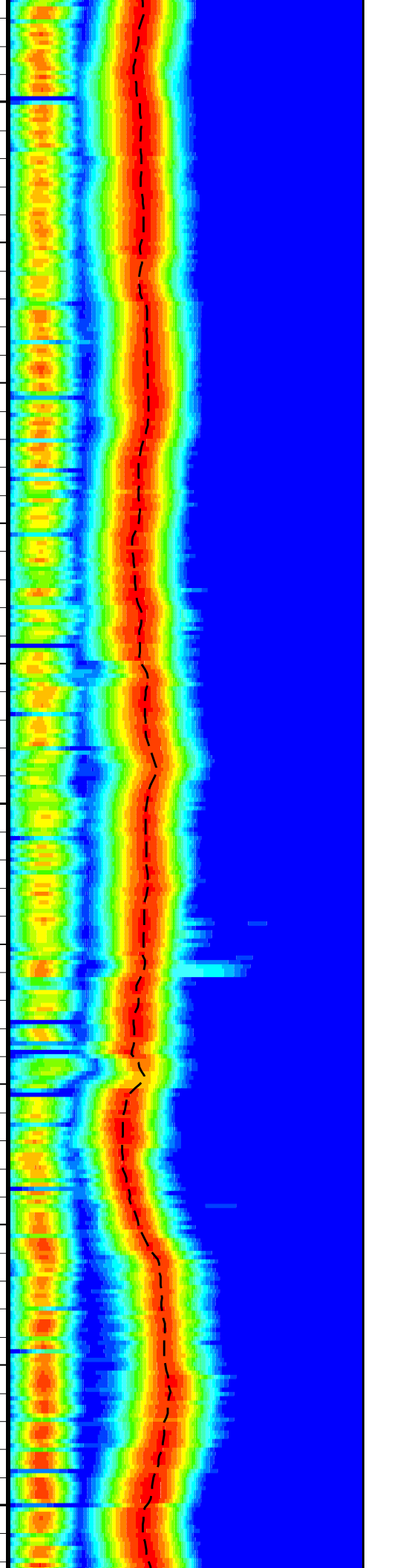
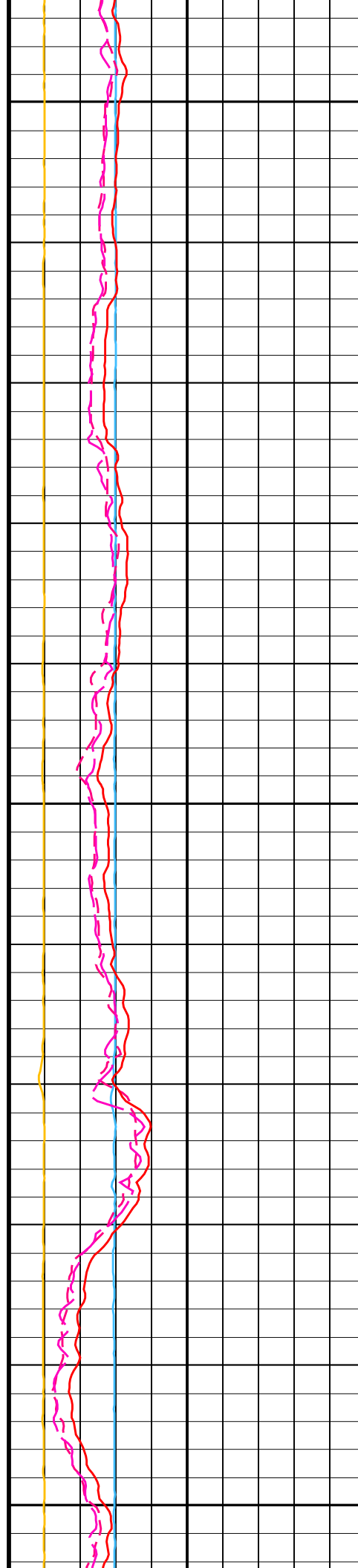


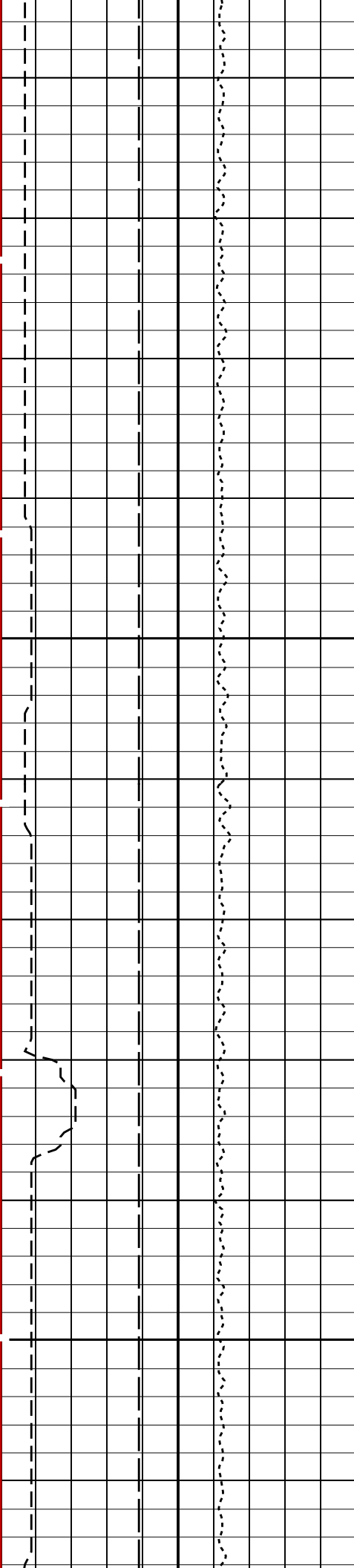


1500

1525

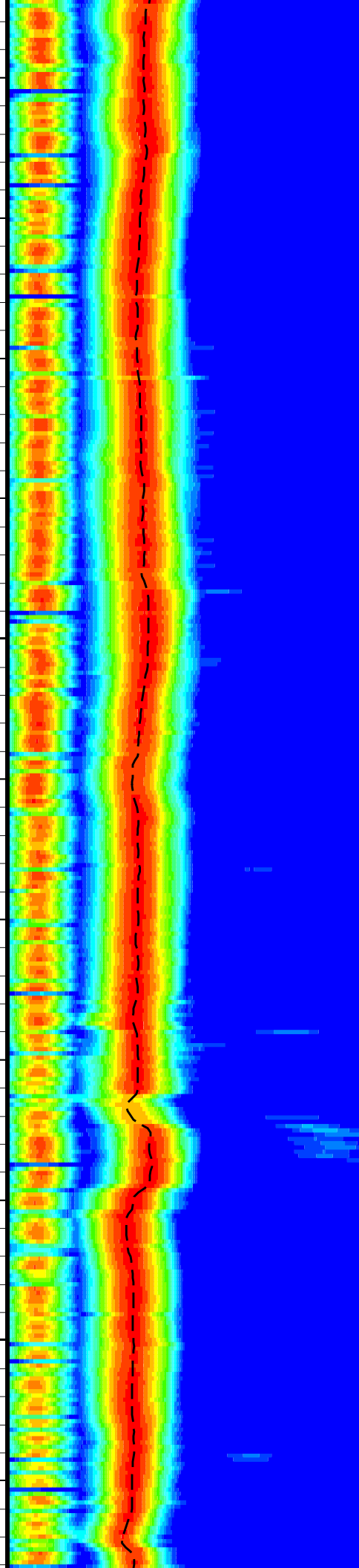
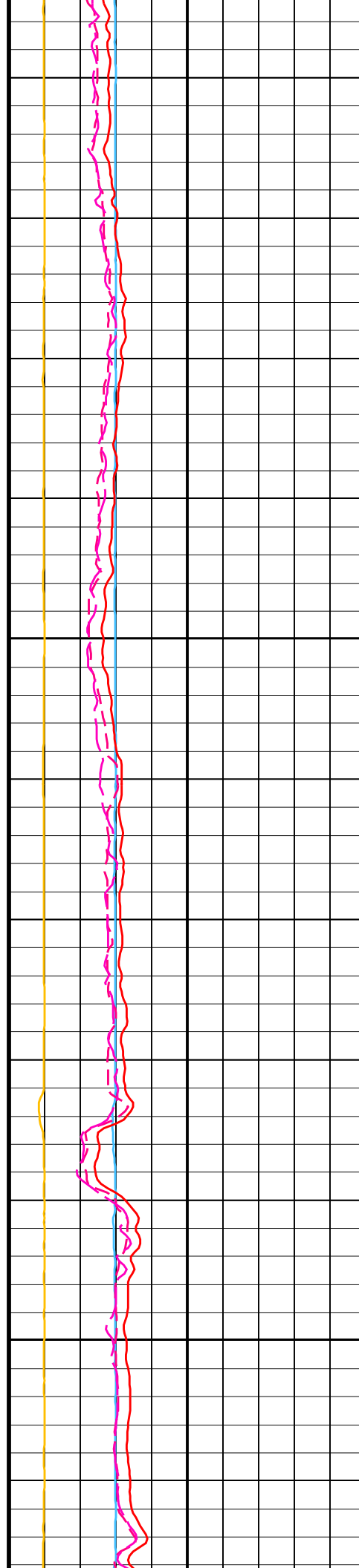
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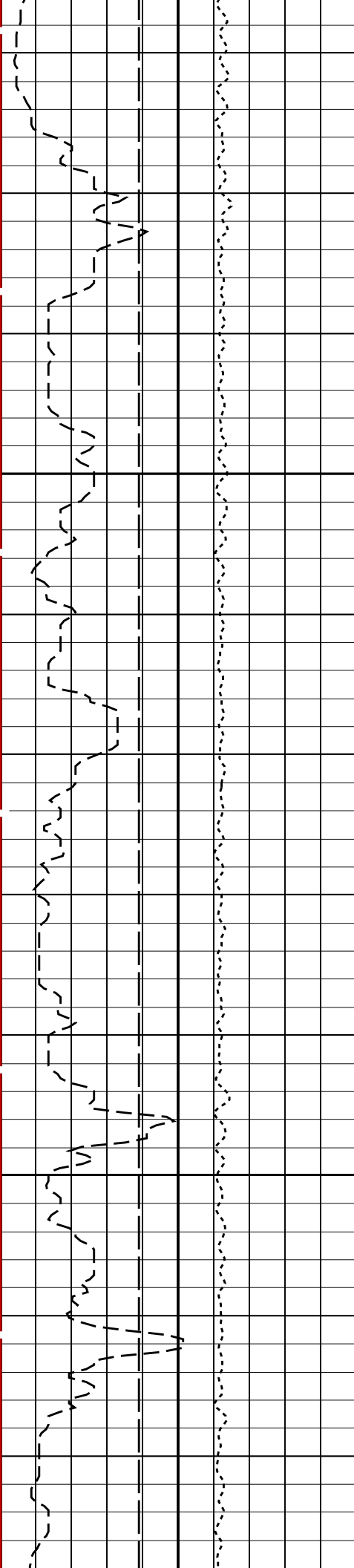




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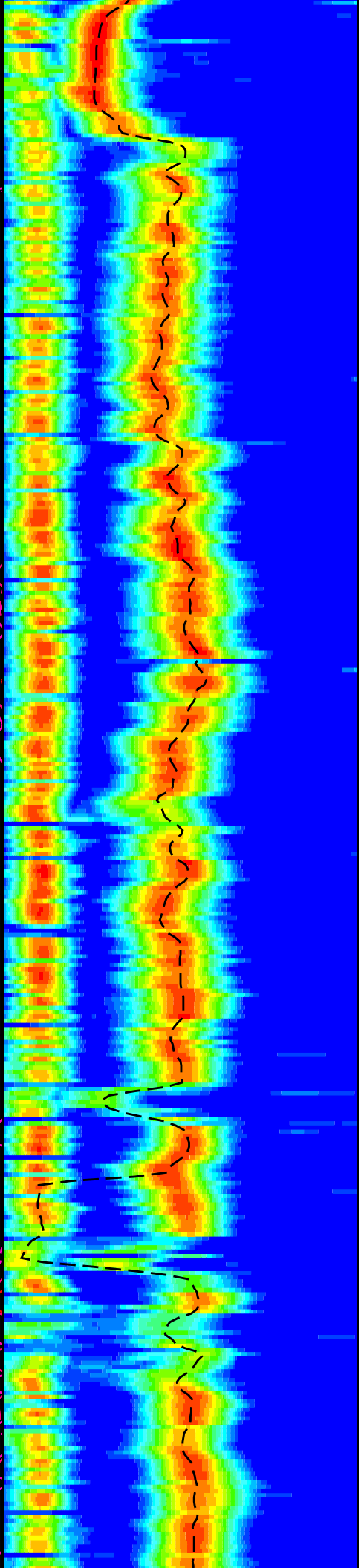
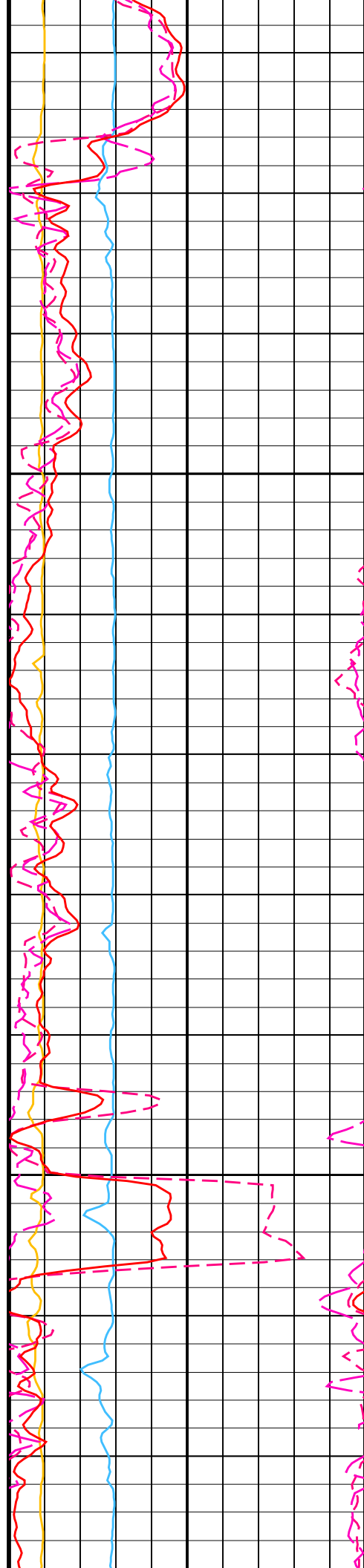
1600

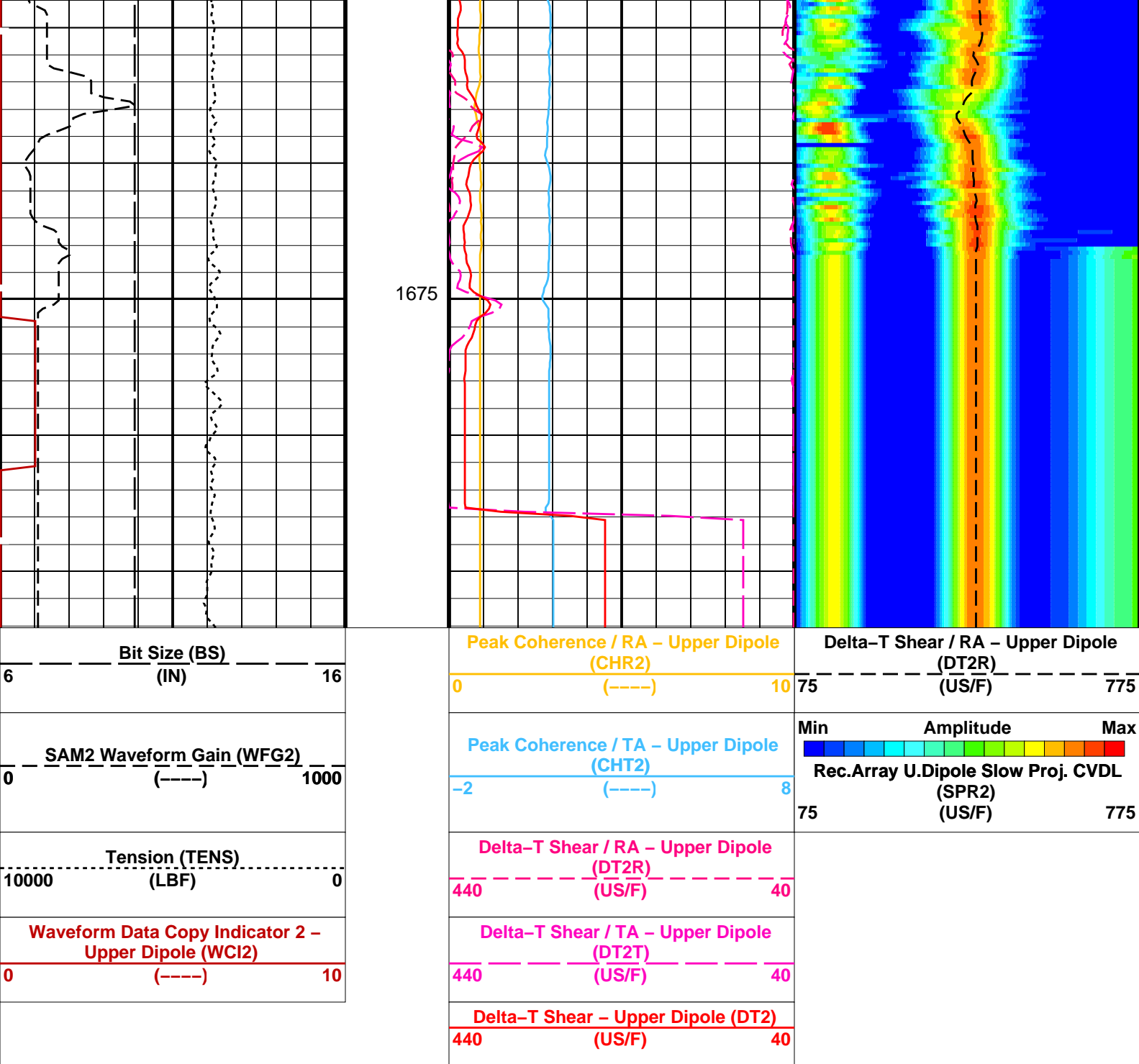




1625

1650





PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE2	Digitizing Delay 2	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	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

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	B1–3K	
SLL2	STC Slowness Lower Limit – Upper Dipole	75	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	775	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	15525	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
WFM2	Waveform Mode 2	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

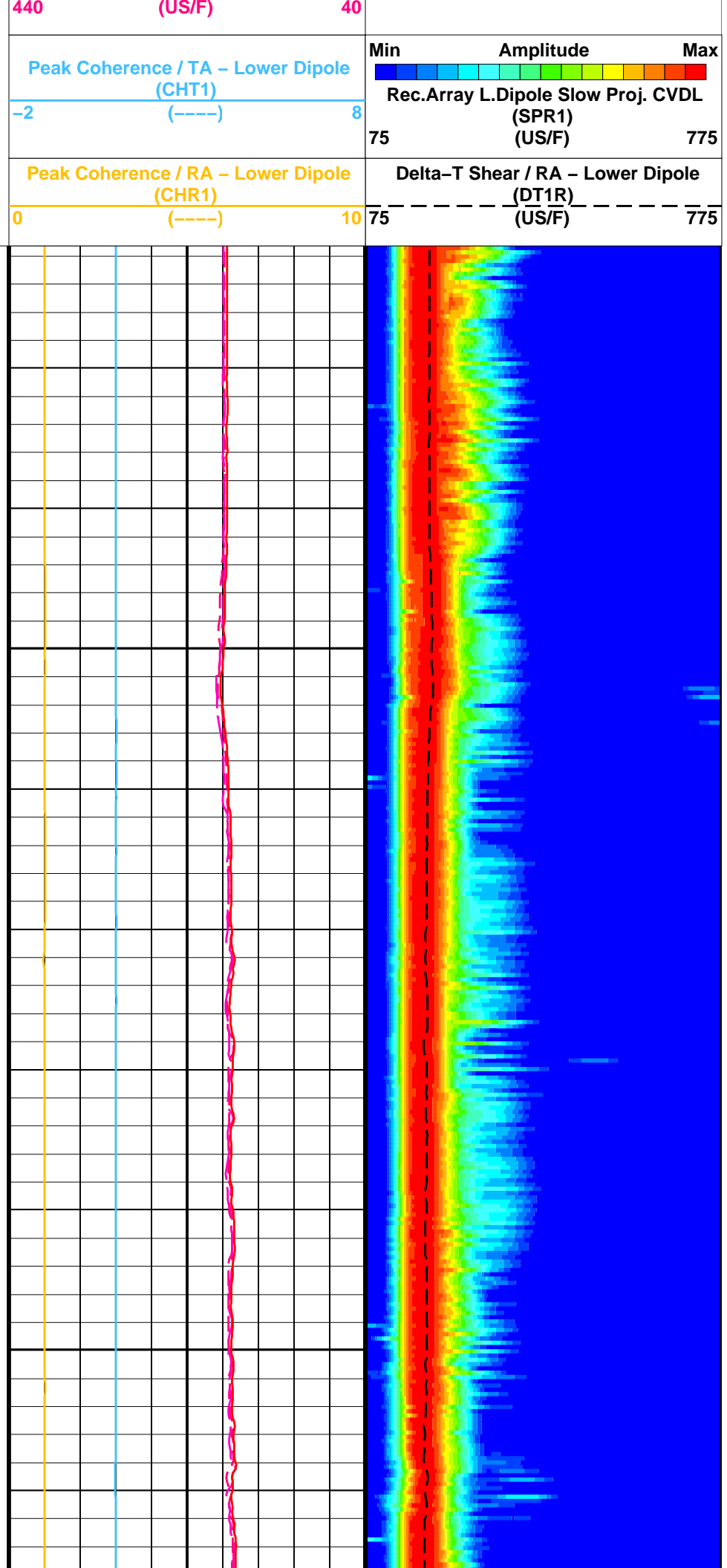
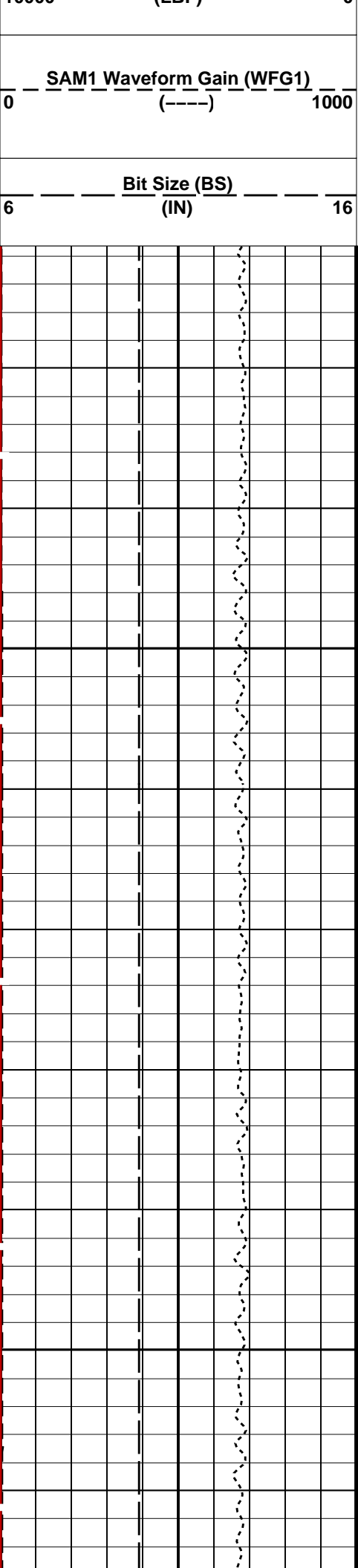
Format: DSST_UPPER_DIPOLE_VDL_COLOR		Vertical Scale: 1:200	Graphics File Created: 25-Sep-2023 06:29	
OP System Version: 19C0-187				
MSS_LDEO-A	19C0-187	DSST-B	19C0-187	
HRLT-B	19C0-187	HLDS	19C0-187	
LDSC-B	19C0-187	HNGC-B	19C0-187	
HNGS-BA	19C0-187	EDTC-B	19C0-187	

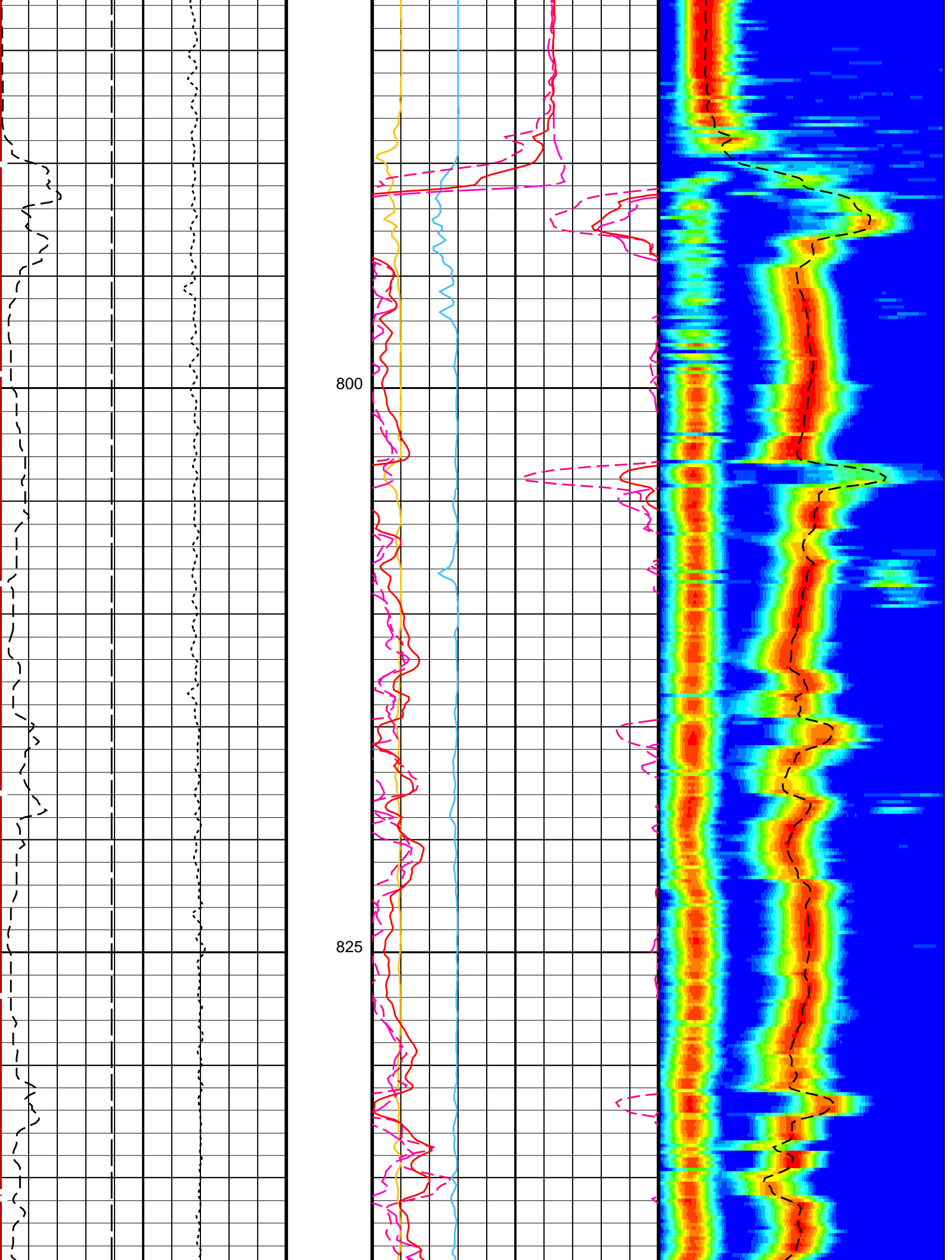
Output DLIS Files				
DEFAULT	MSS_LDEO_DSI_HRLA_009LUP	FN:7	PRODUCER	25-Sep-2023 06:29

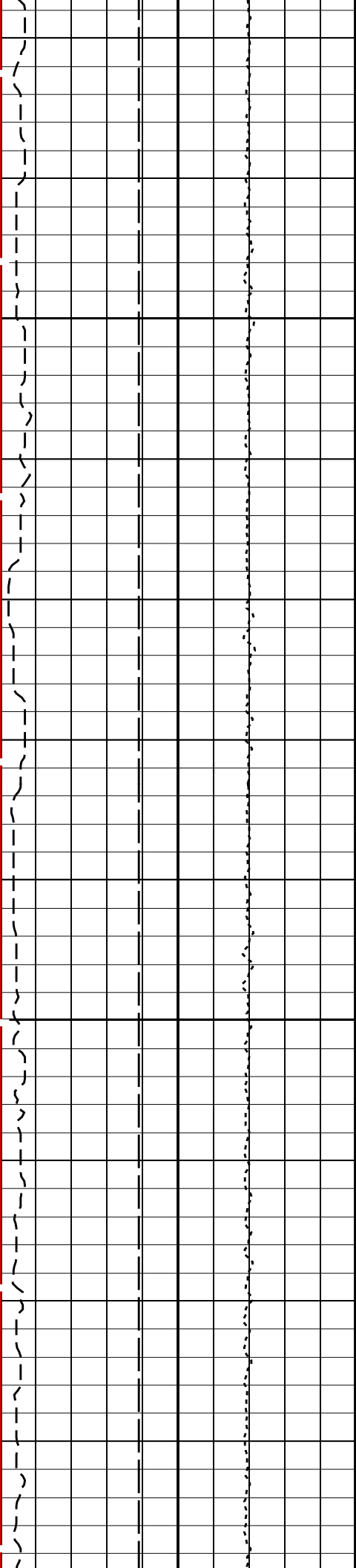
Company: International Ocean Discovery Program				Well: Expedition 400, Site U1607A	
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009LUP	FN:7	PRODUCER	25-Sep-2023 06:29	1687.1 M 736.1 M
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

Changed Parameter Summary				
DLIS Name	New Value	Previous Value	Depth & Time	
BS	9.875 IN	9.875 IN	1372.4 07:03:15	

PIP SUMMARY				
Time Mark Every 60 S				
<div>Waveform Data Copy Indicator 1 – Lower Dipole (WC11)</div> <div>0 (----) 10</div> <div>Tension (TENS)</div> <div>10000 (lbf) 0</div>		Delta-T Shear – Lower Dipole (DT1)		
		440 (US/F) 40		
		Delta-T Shear / TA – Lower Dipole (DT1T)		
		440 (US/F) 40		
		Delta-T Shear / RA – Lower Dipole (DT1R)		

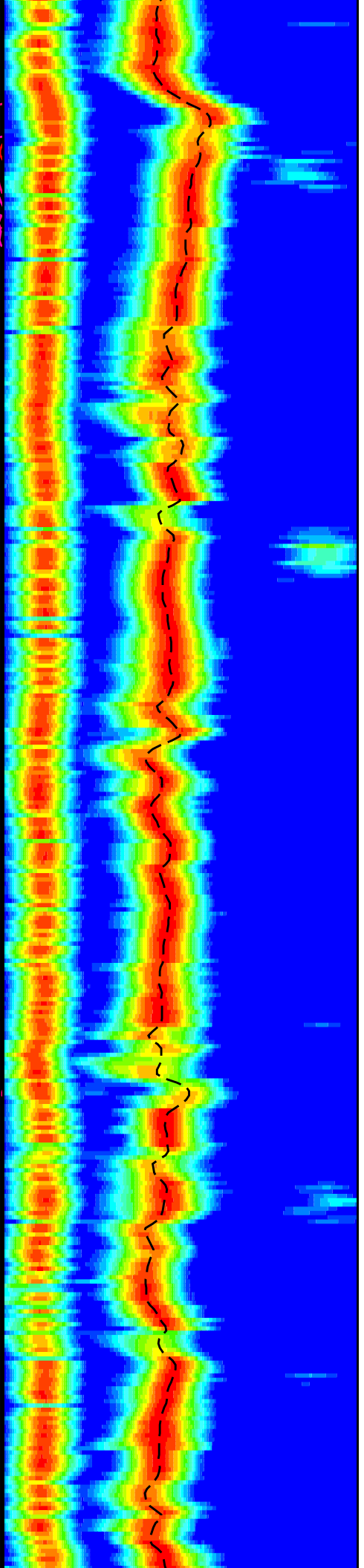
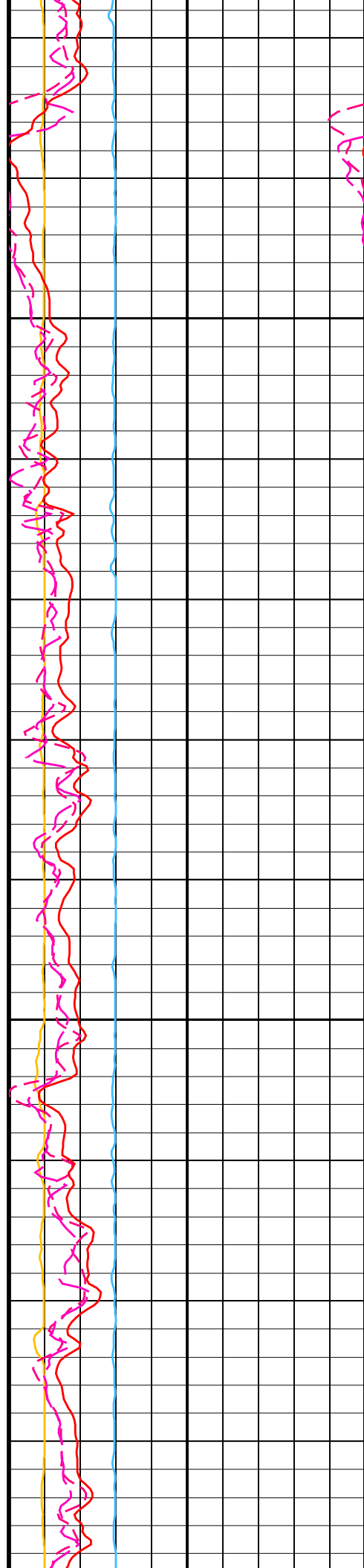


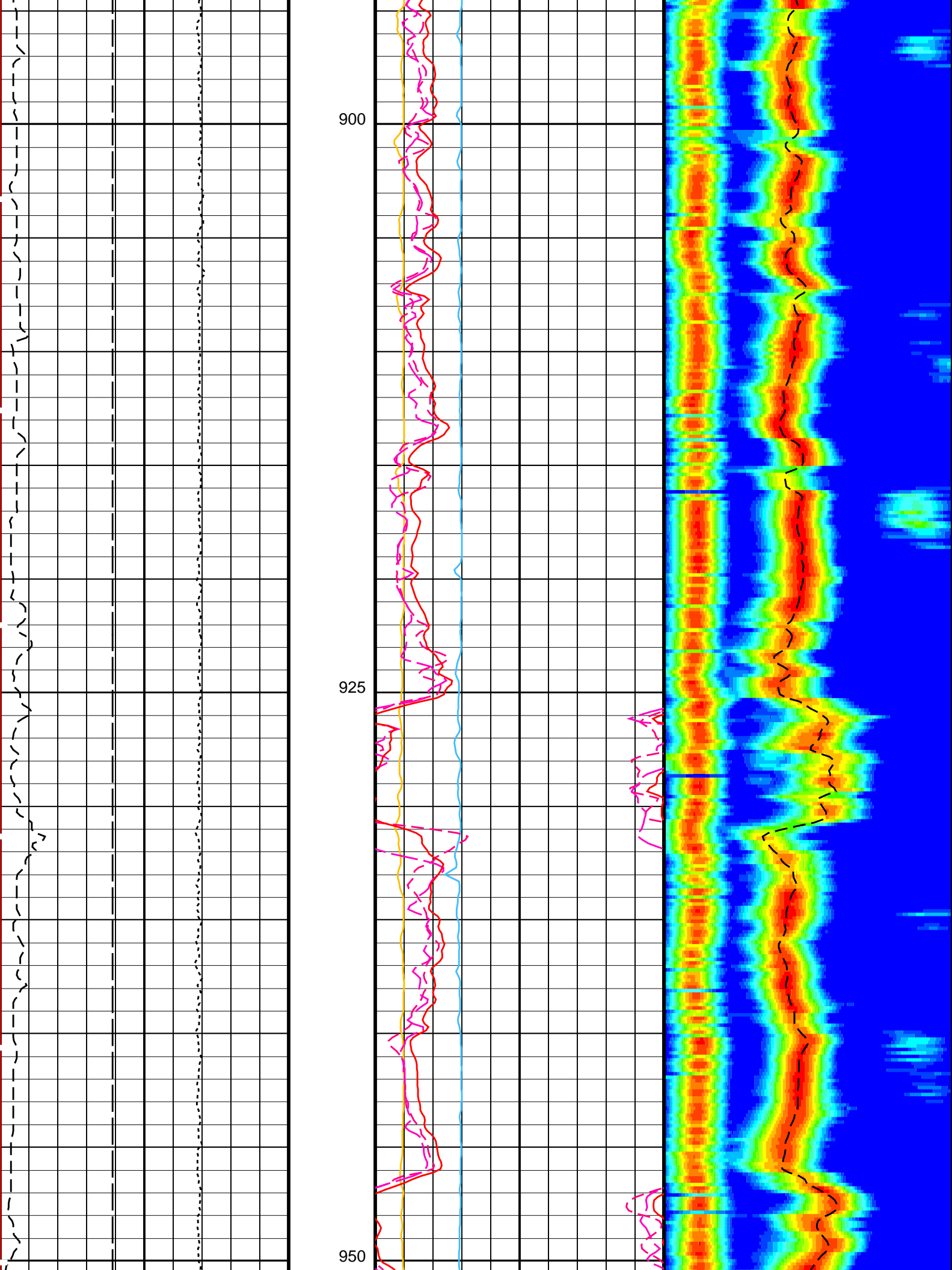


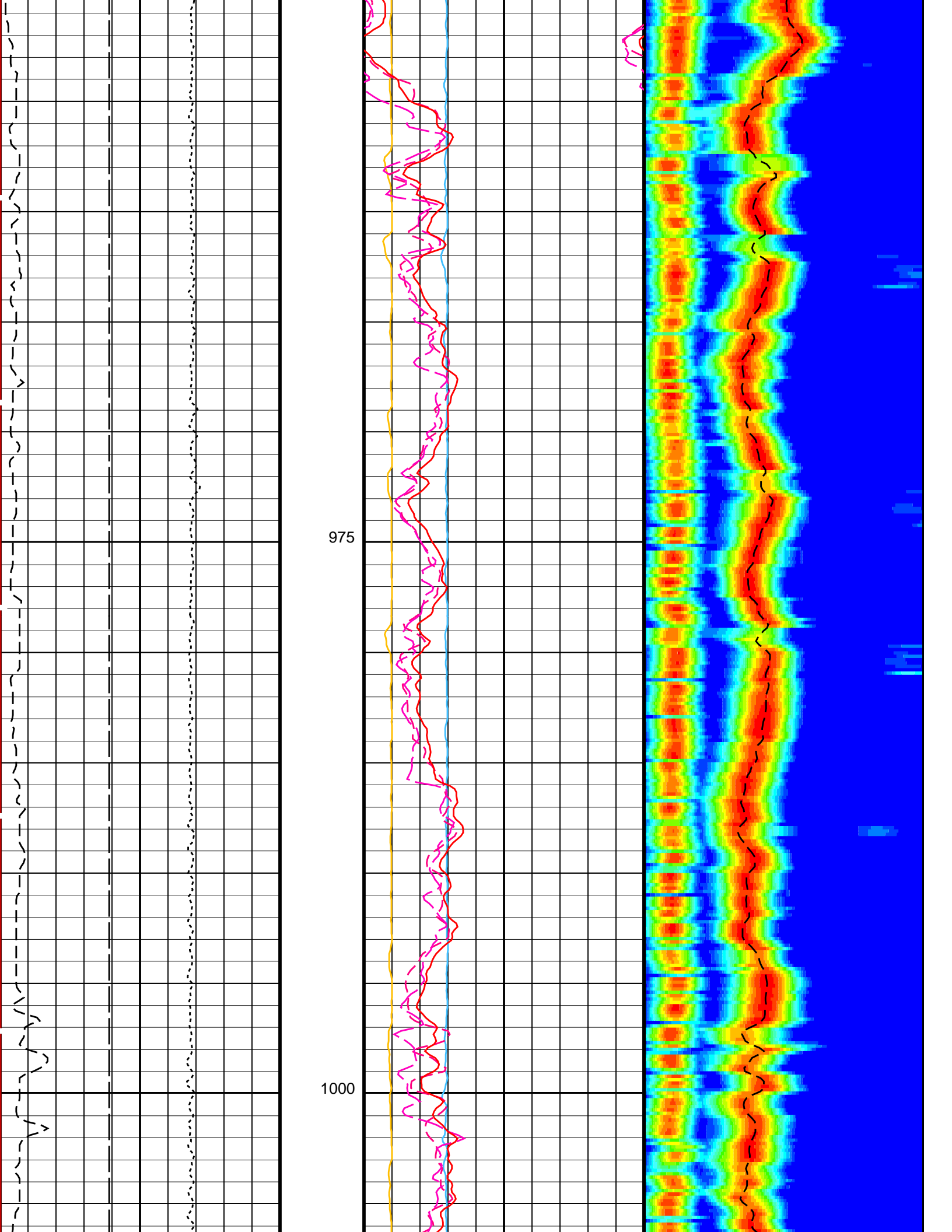


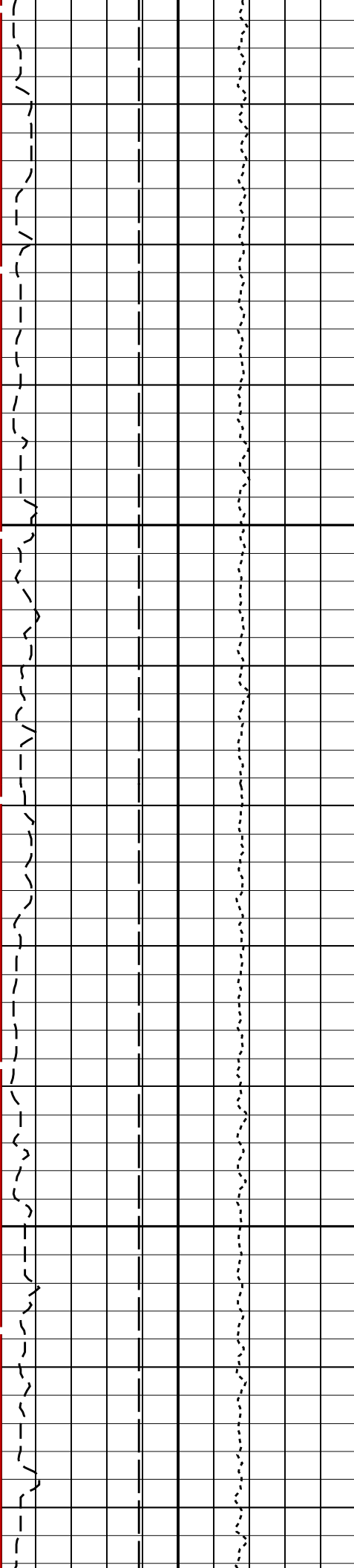
850

875



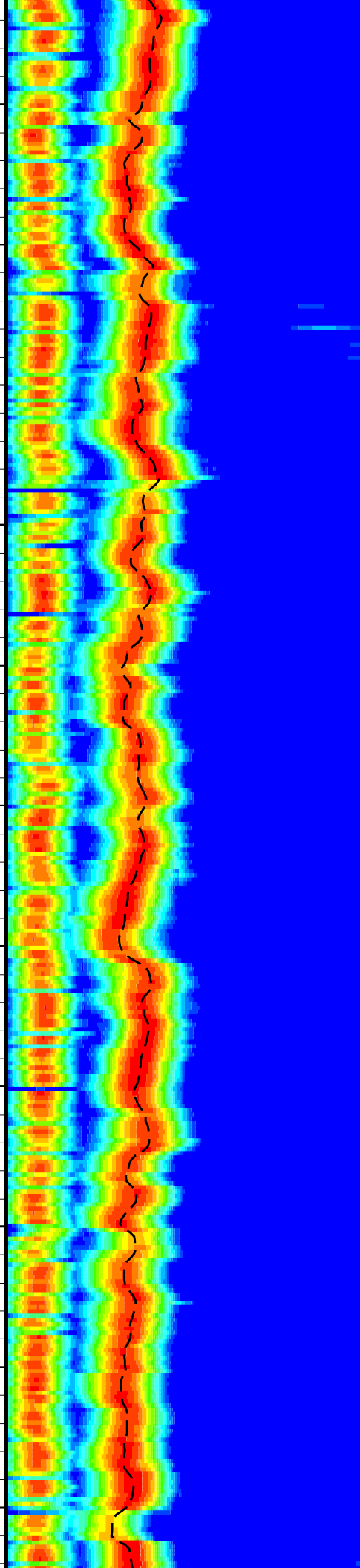
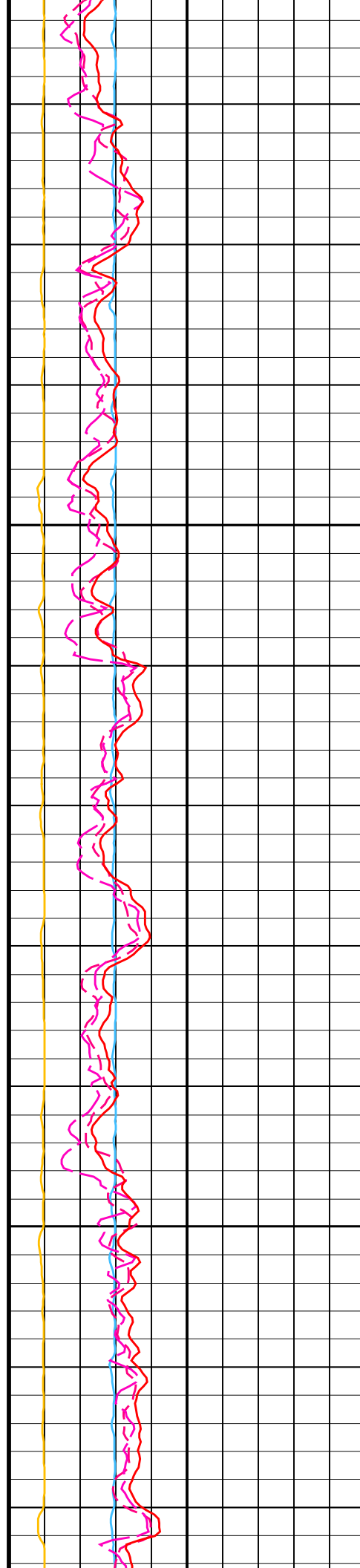


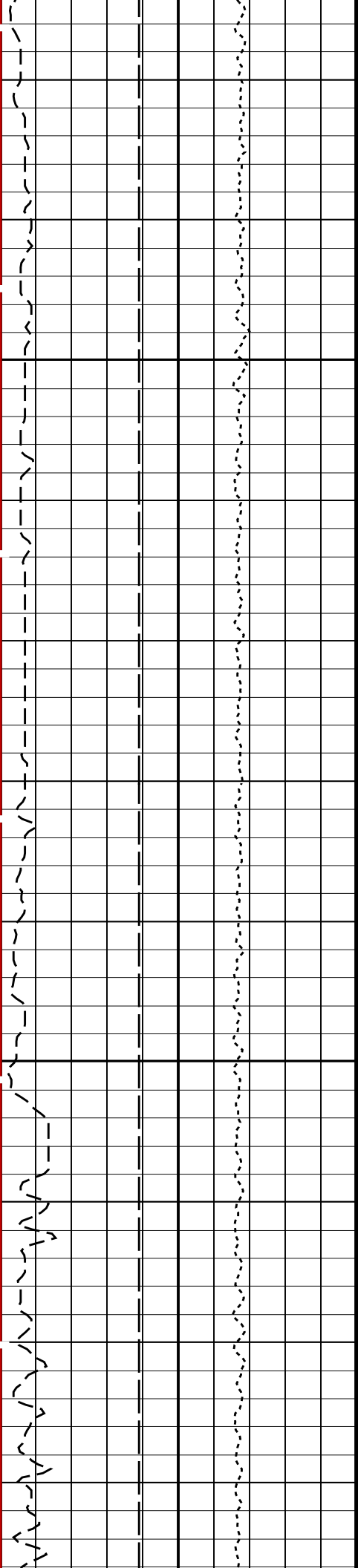




1025

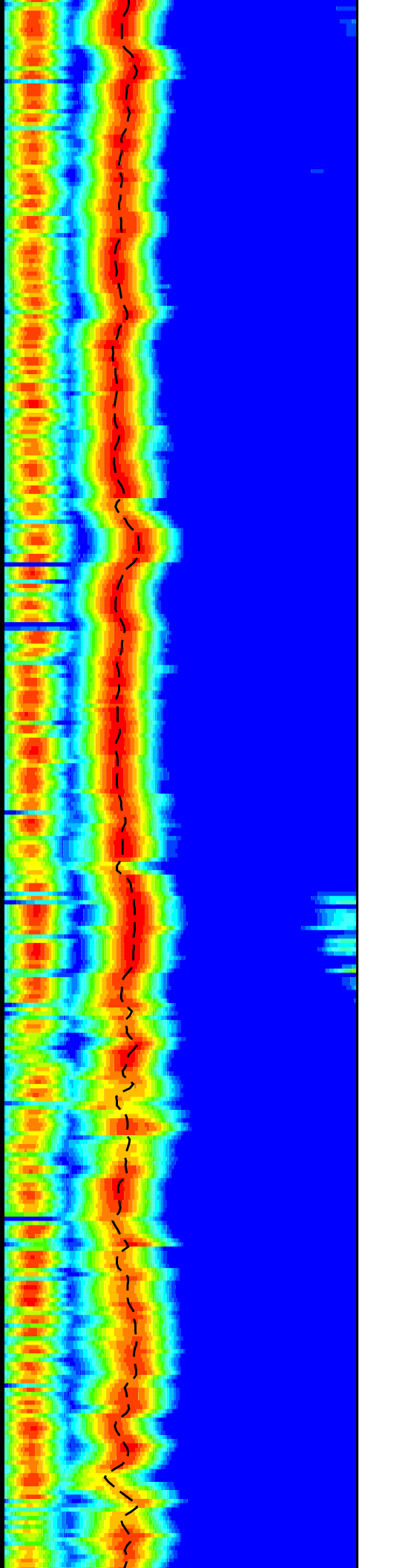
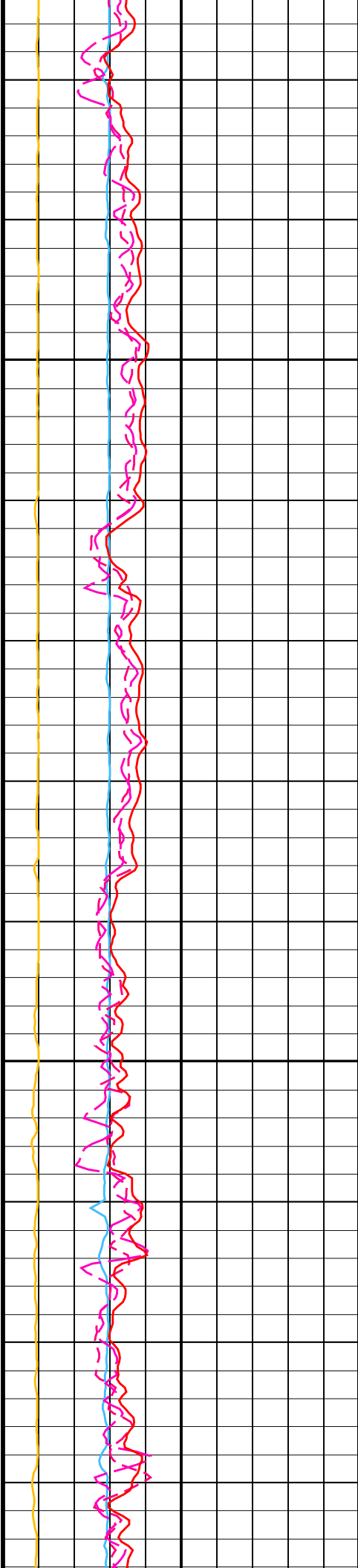
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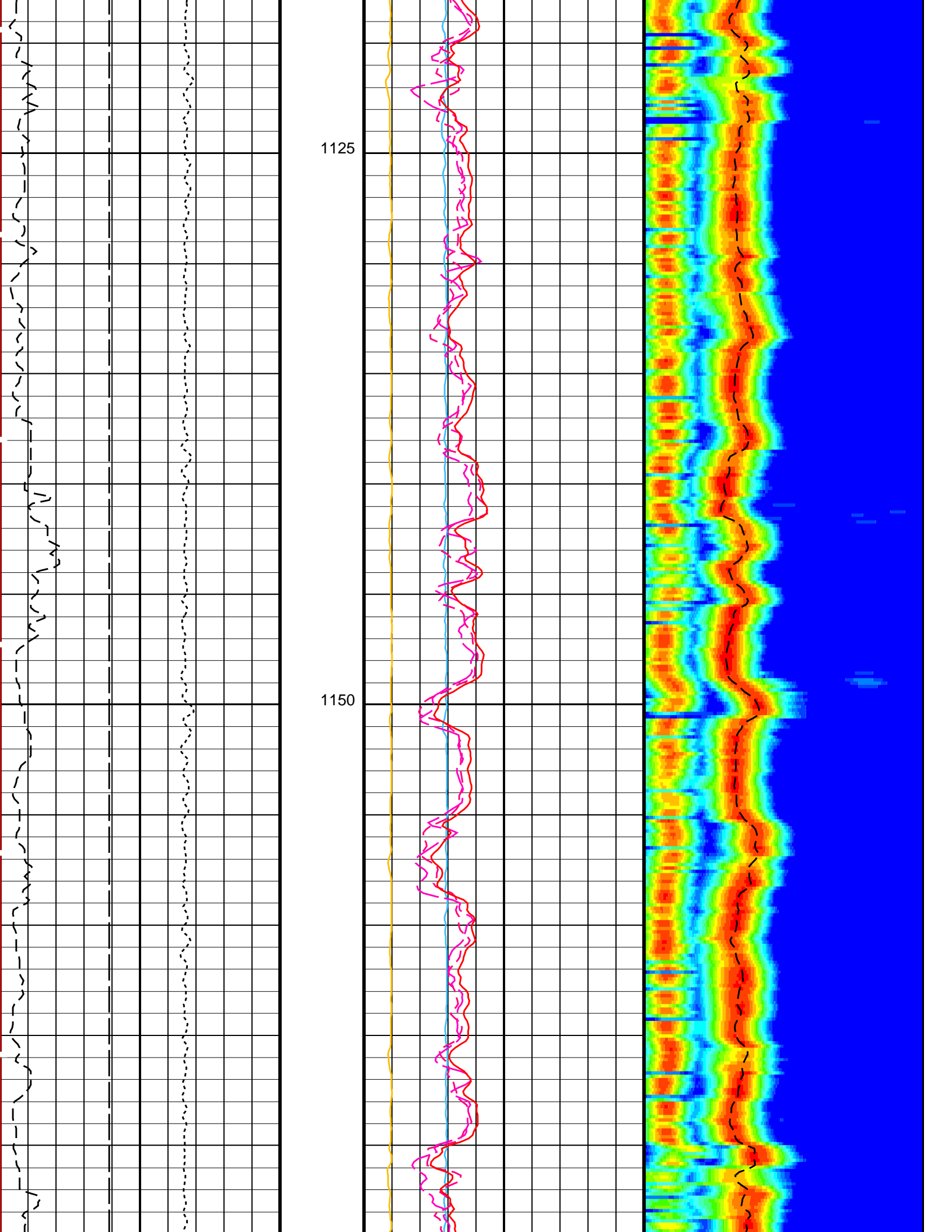


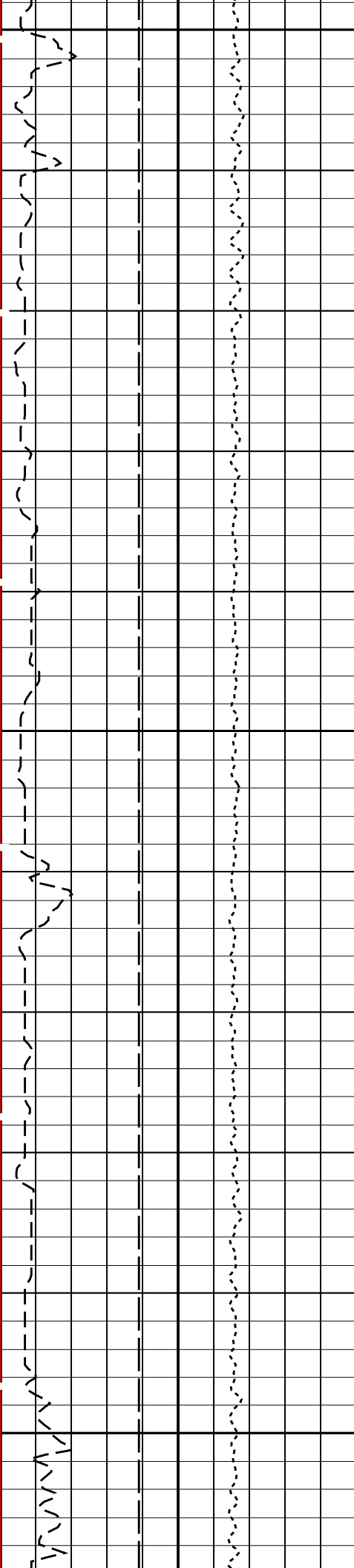


1075

1100



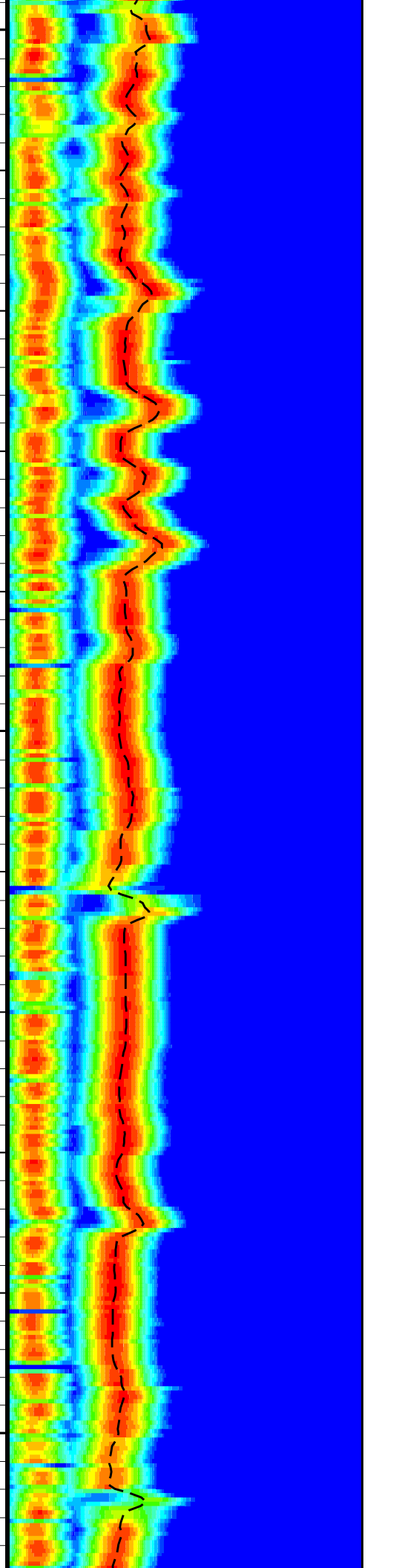
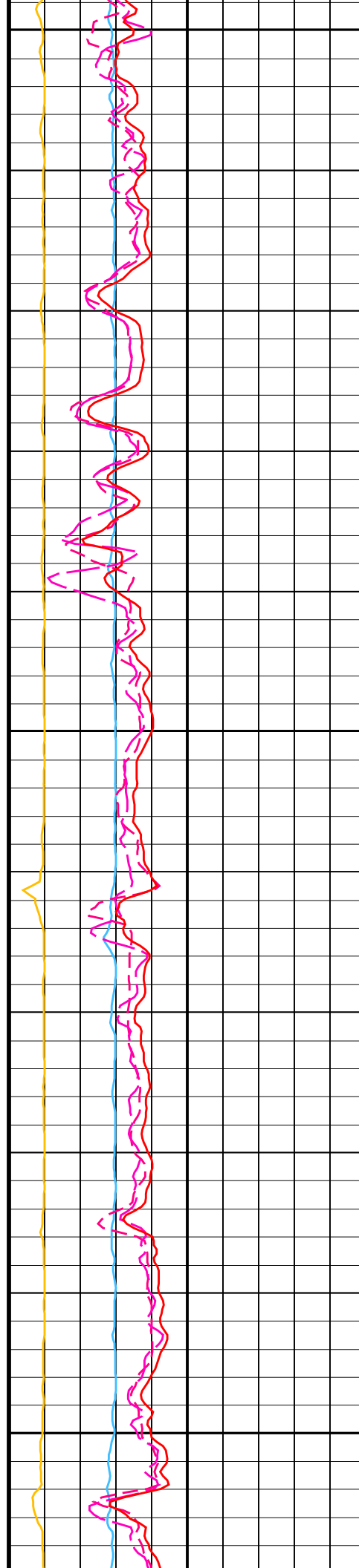


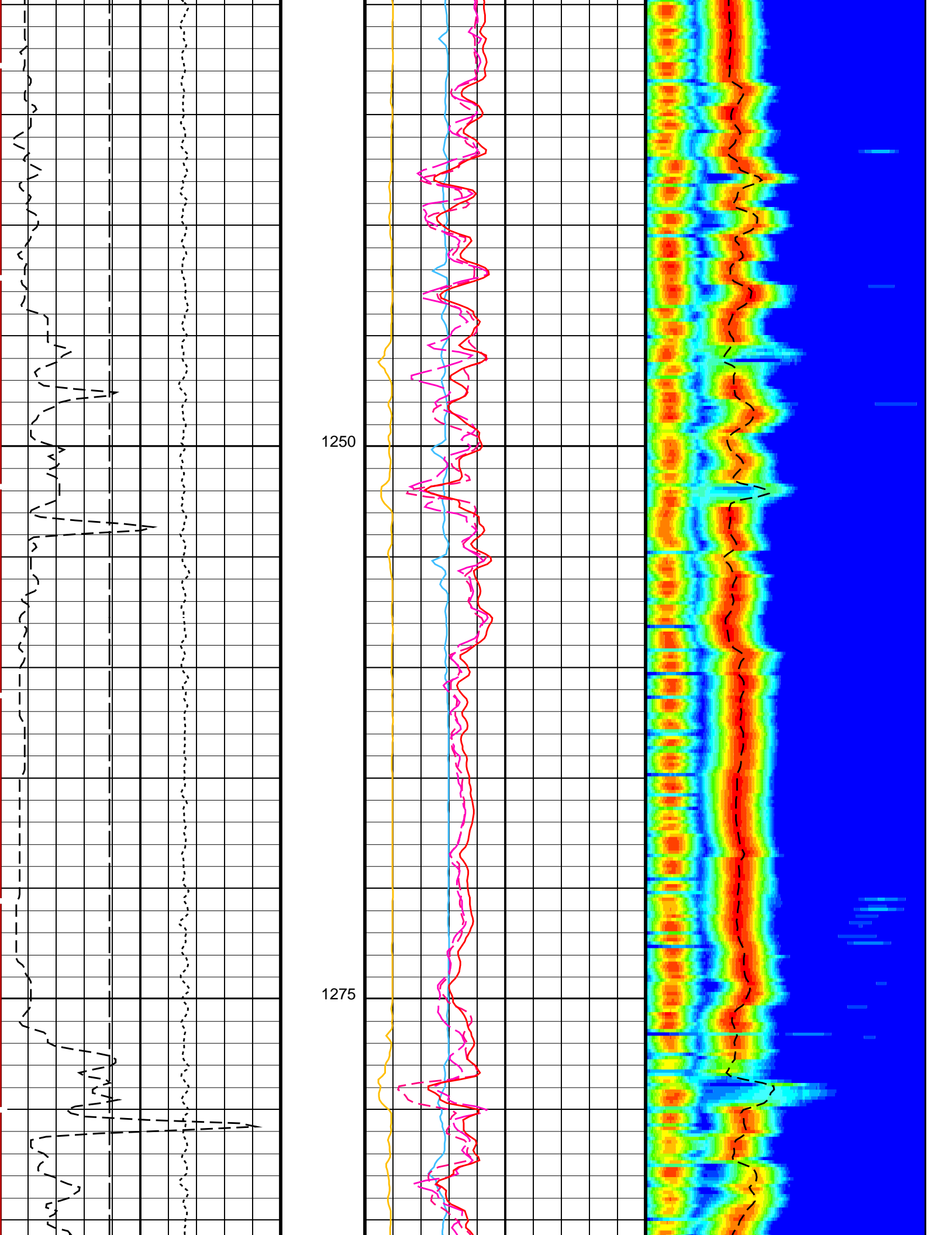


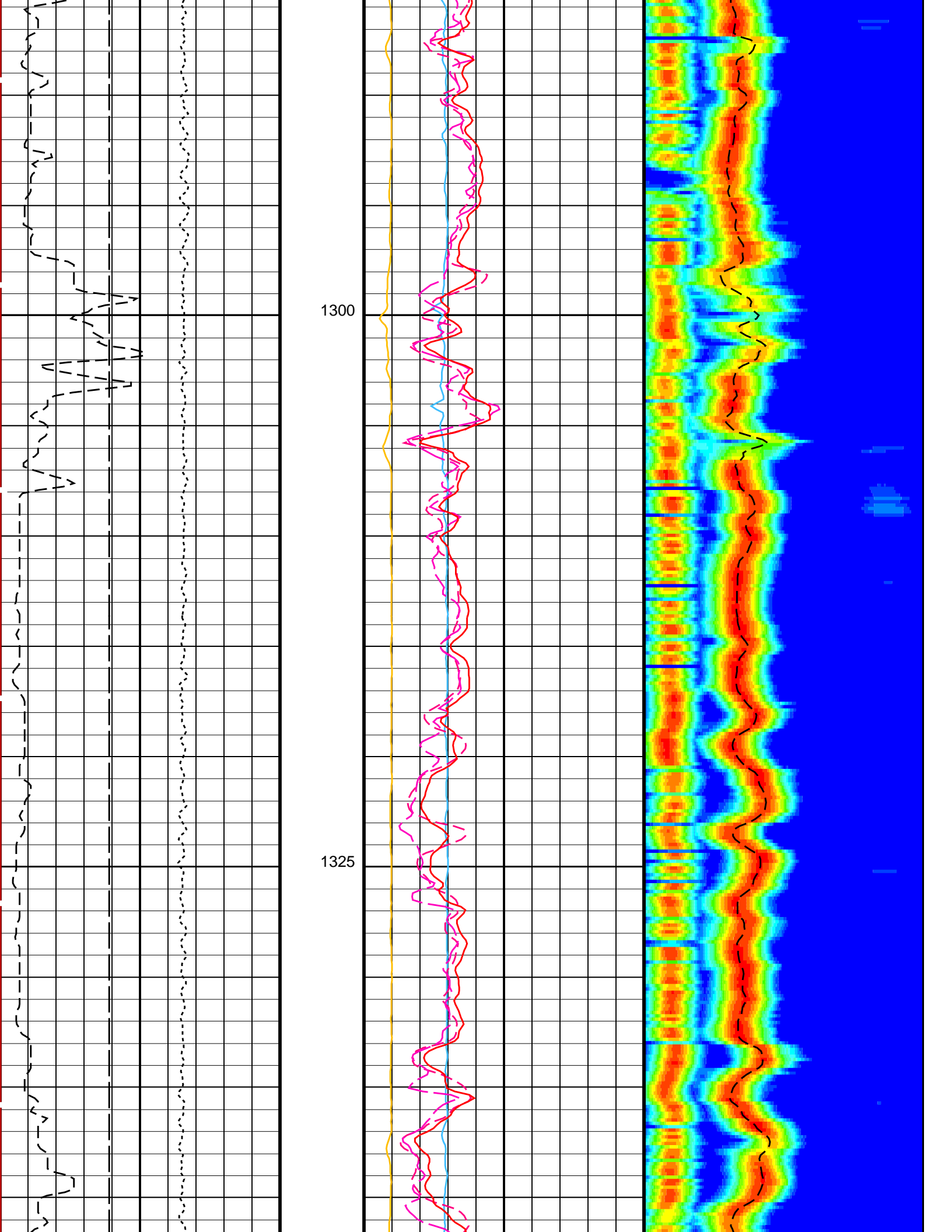
1175

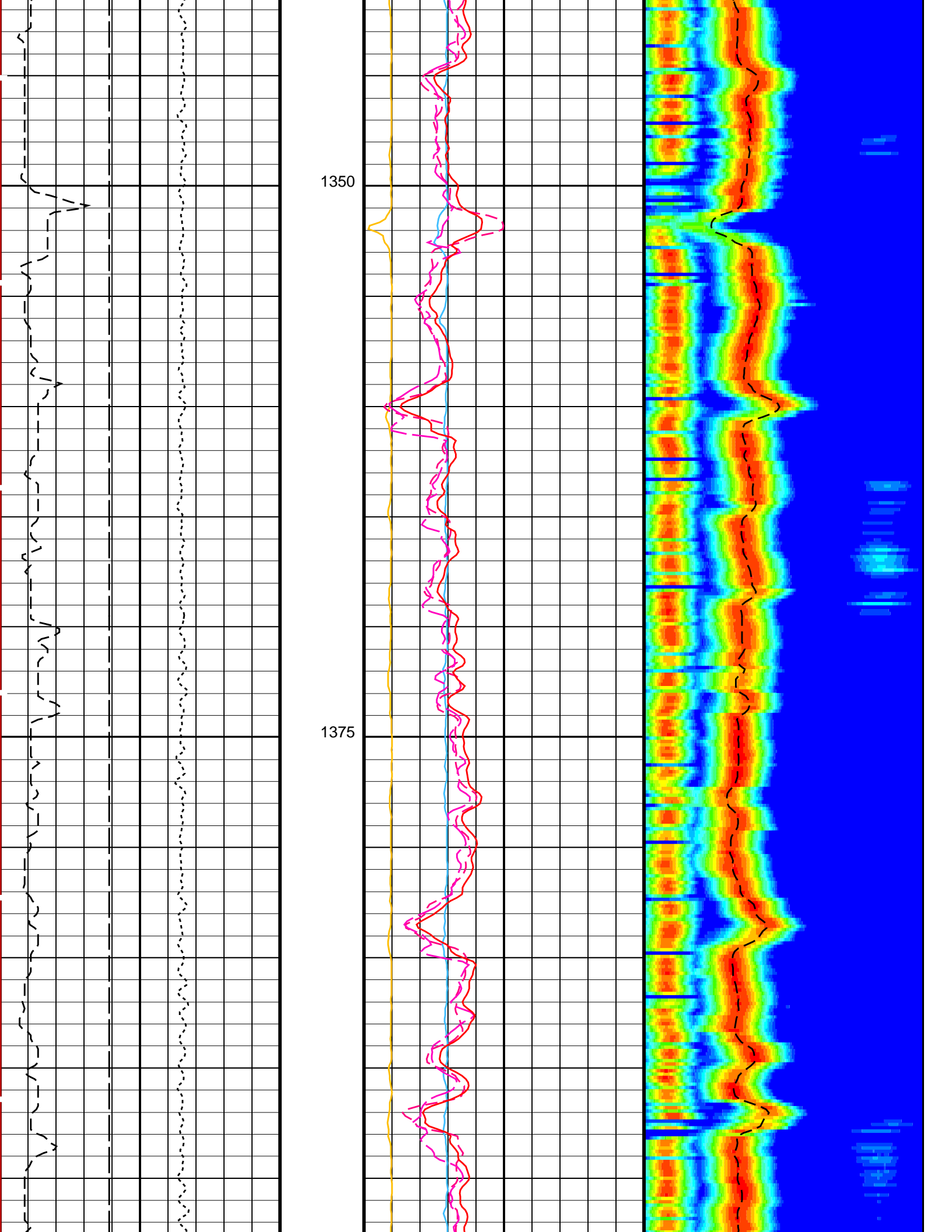
1200

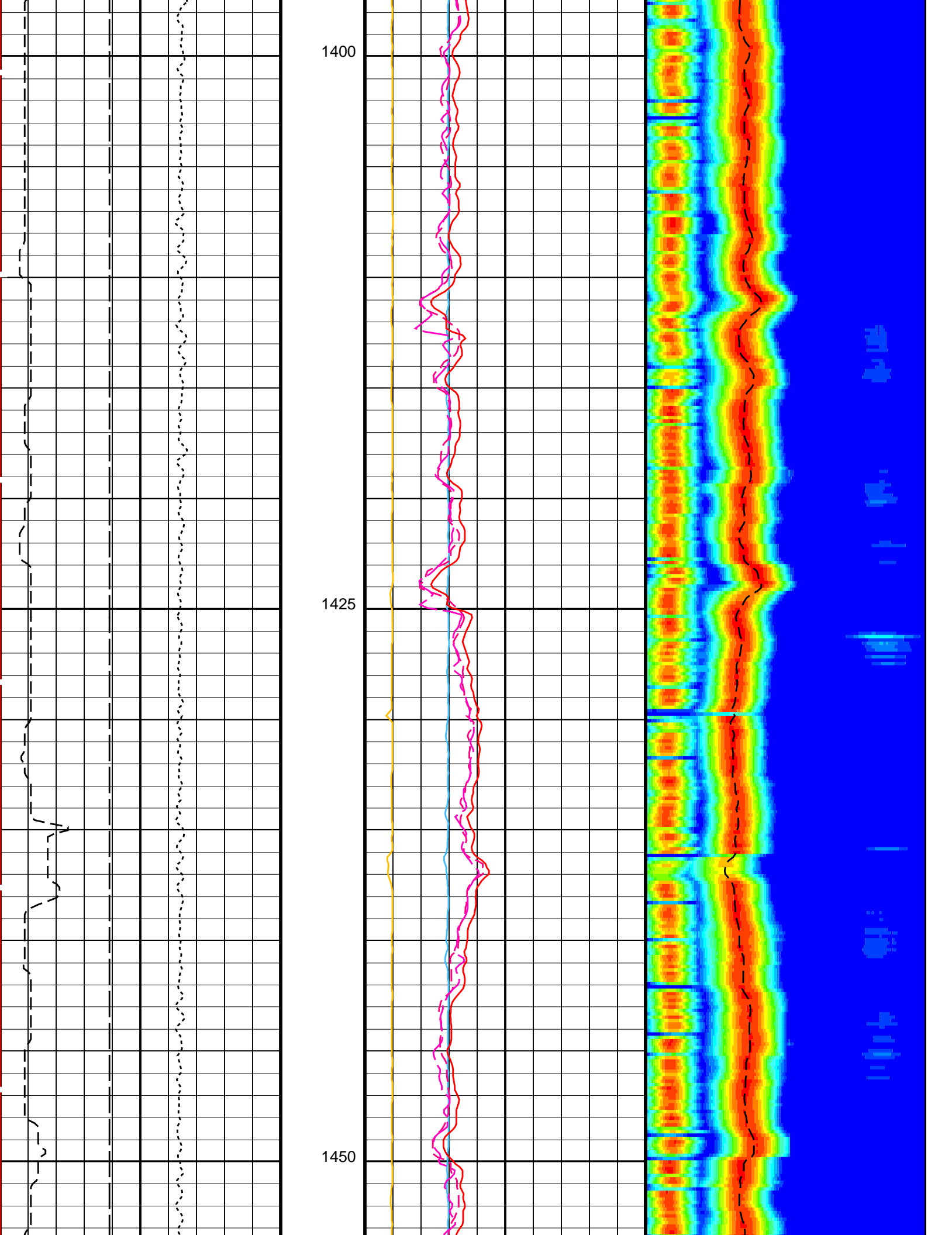
1225

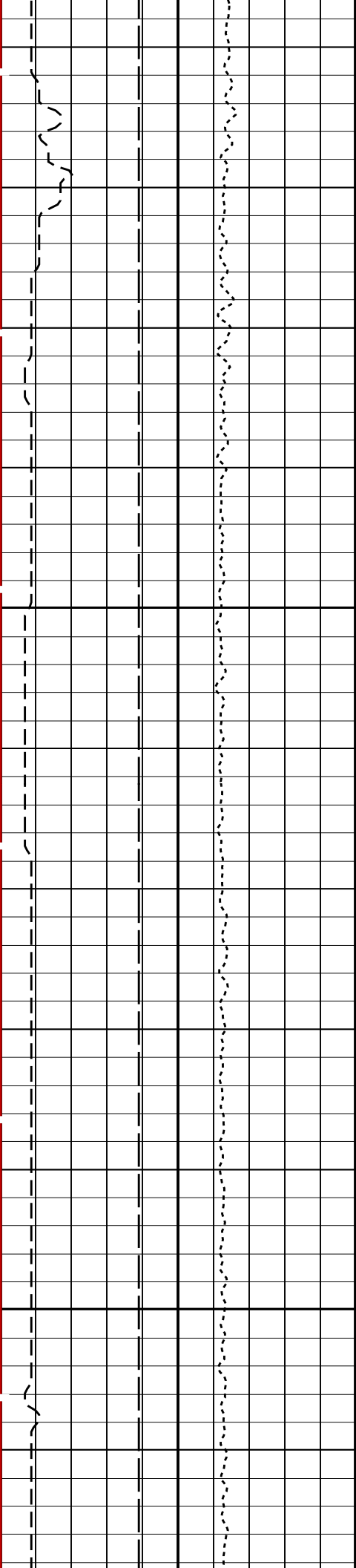






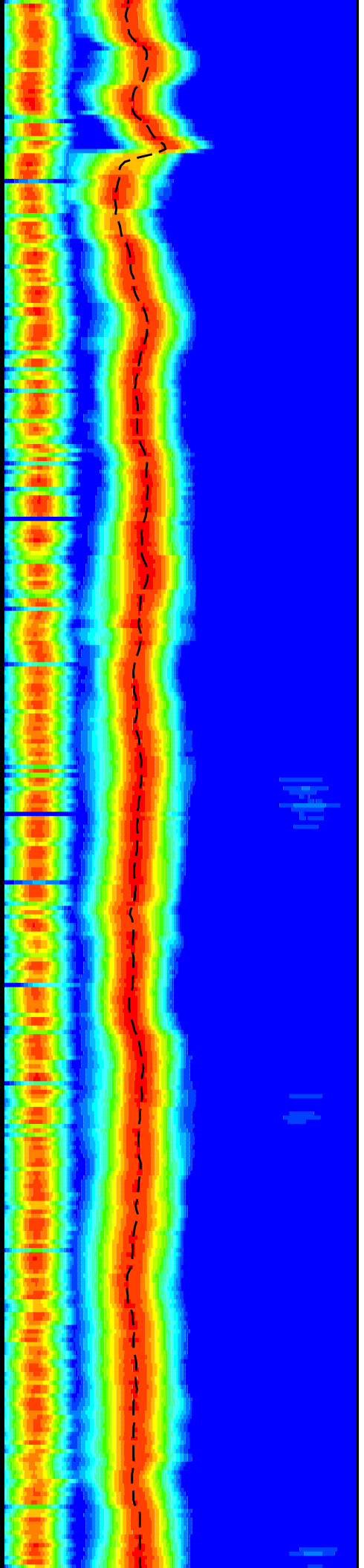
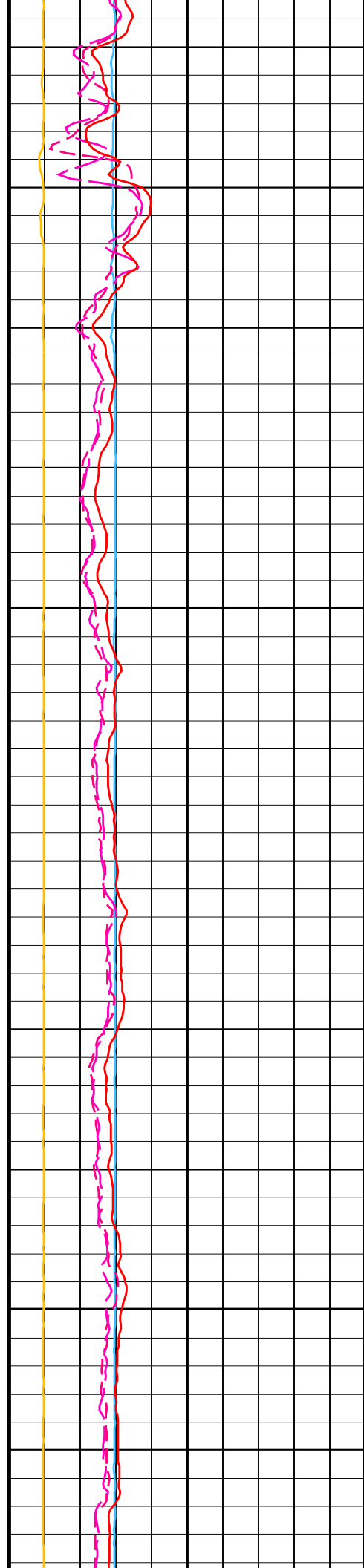


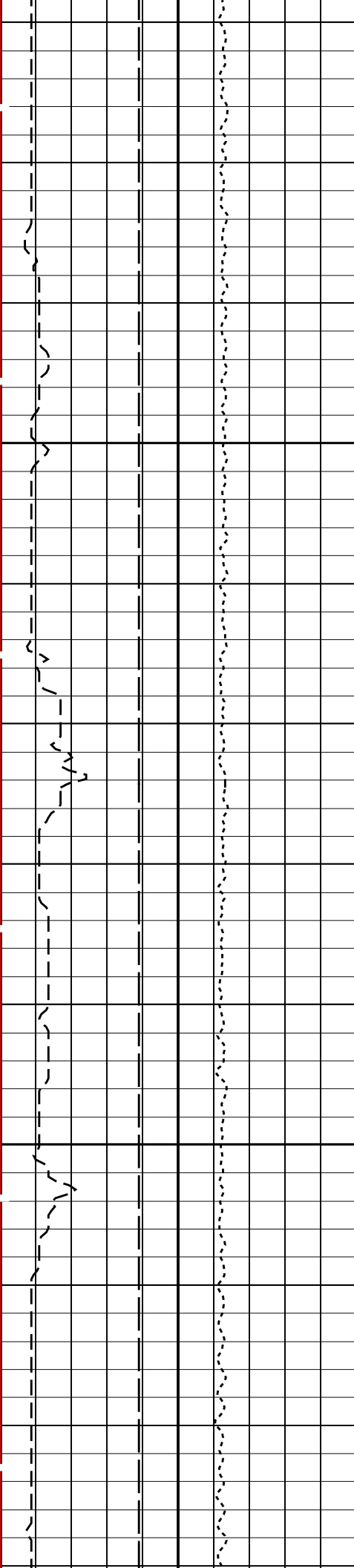




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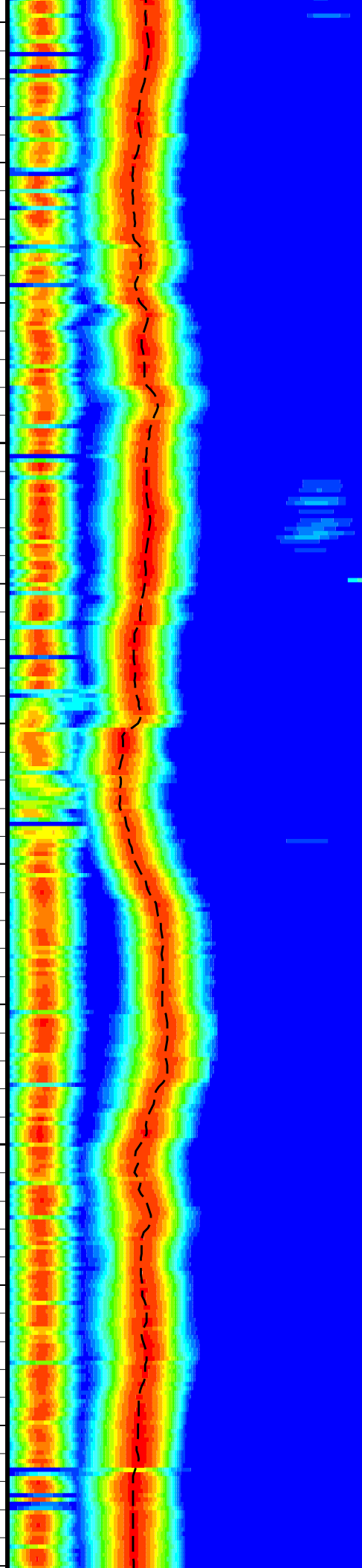
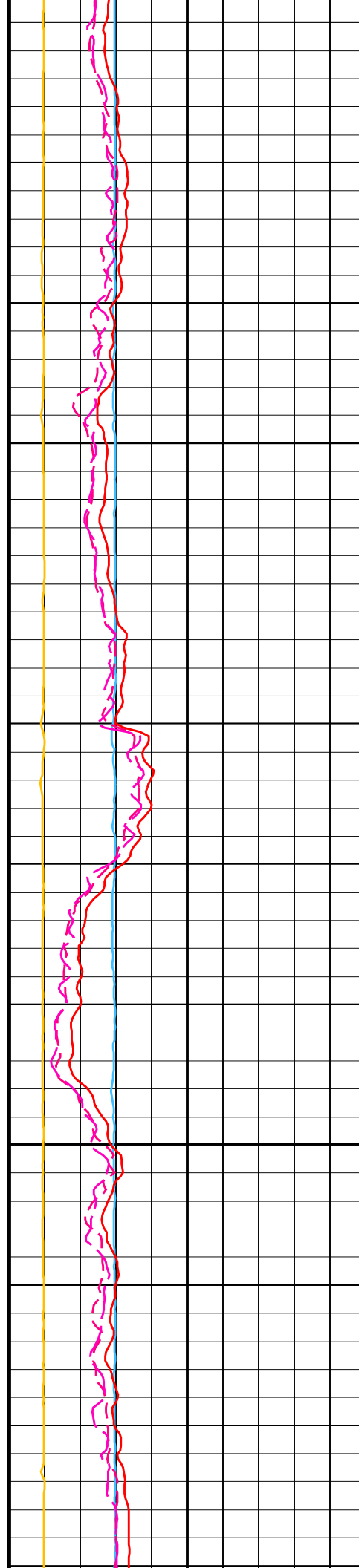
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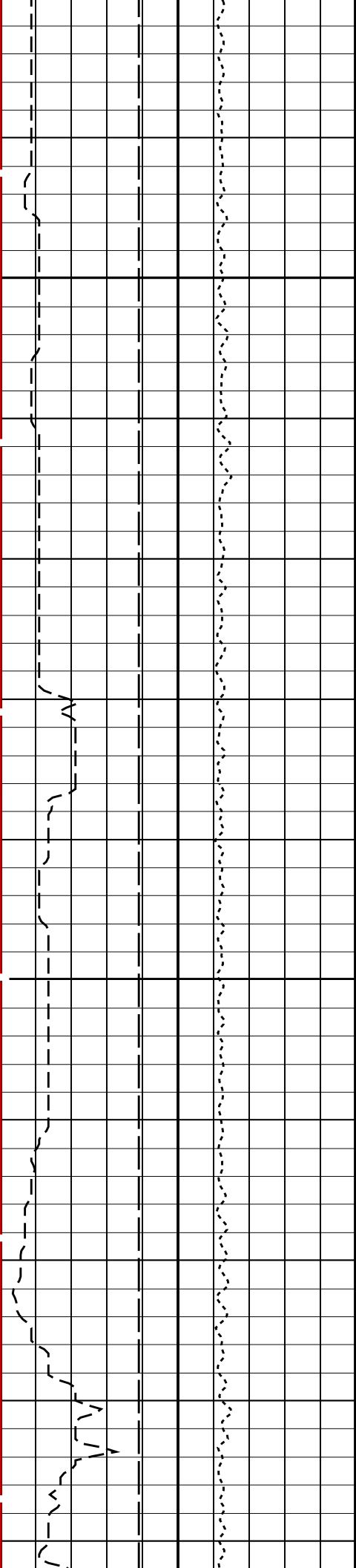




1525

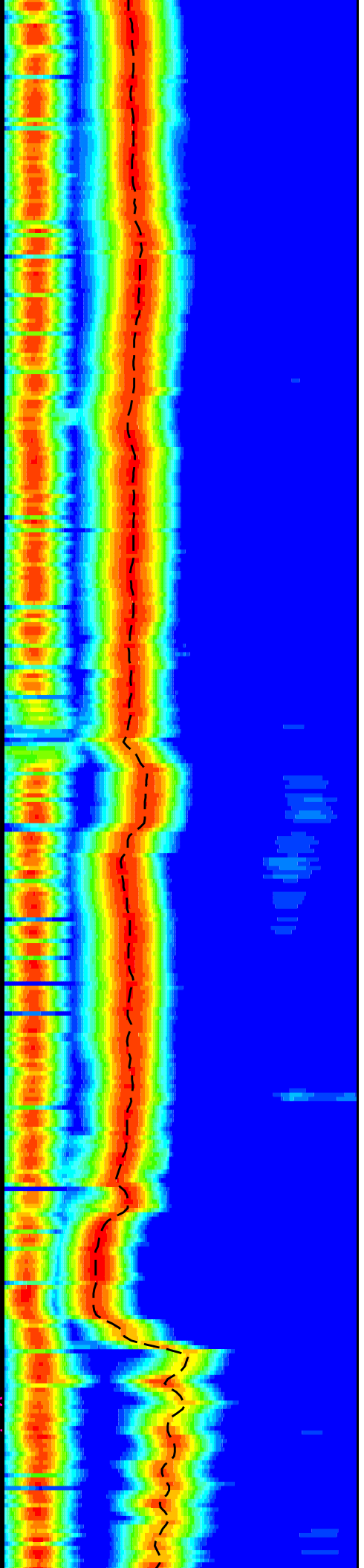
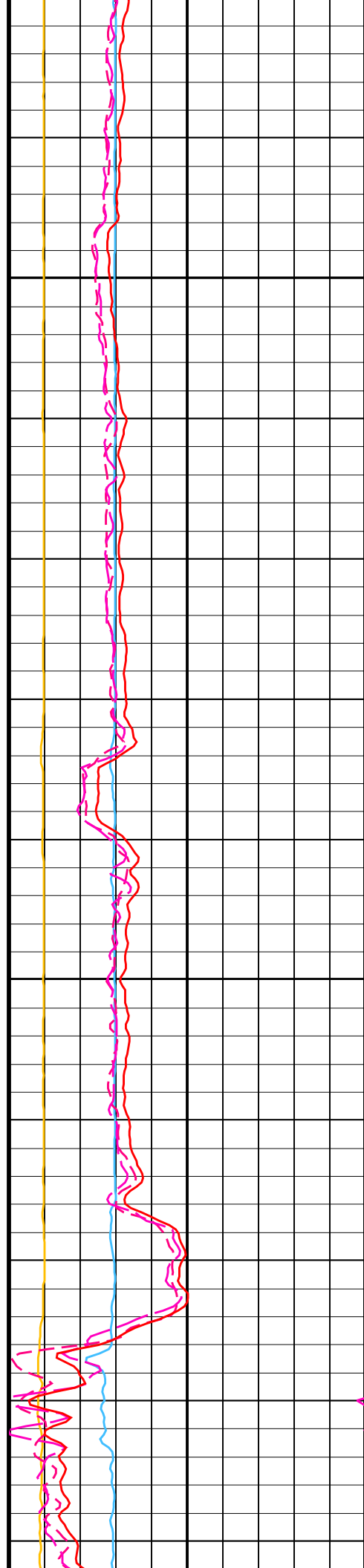
1550

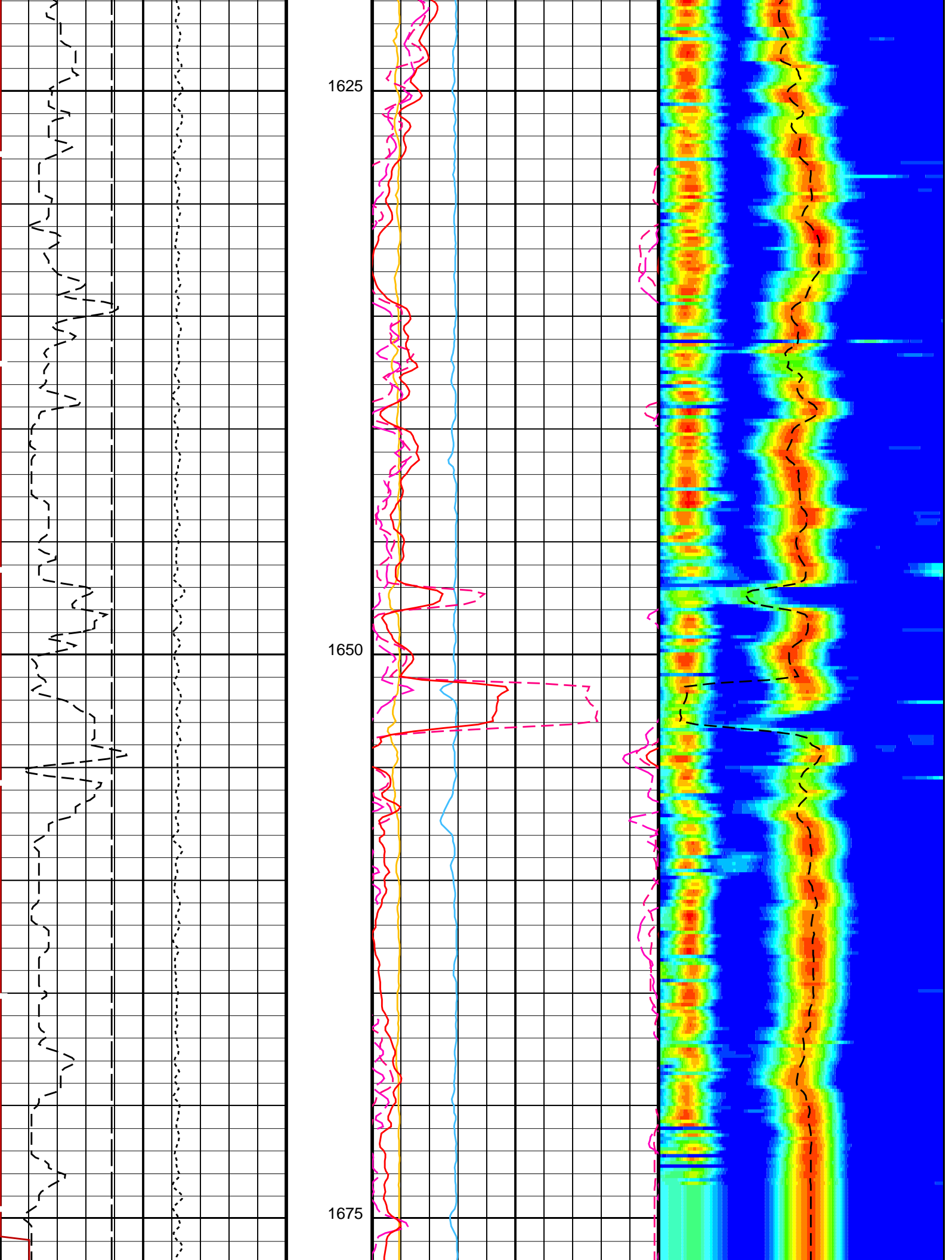


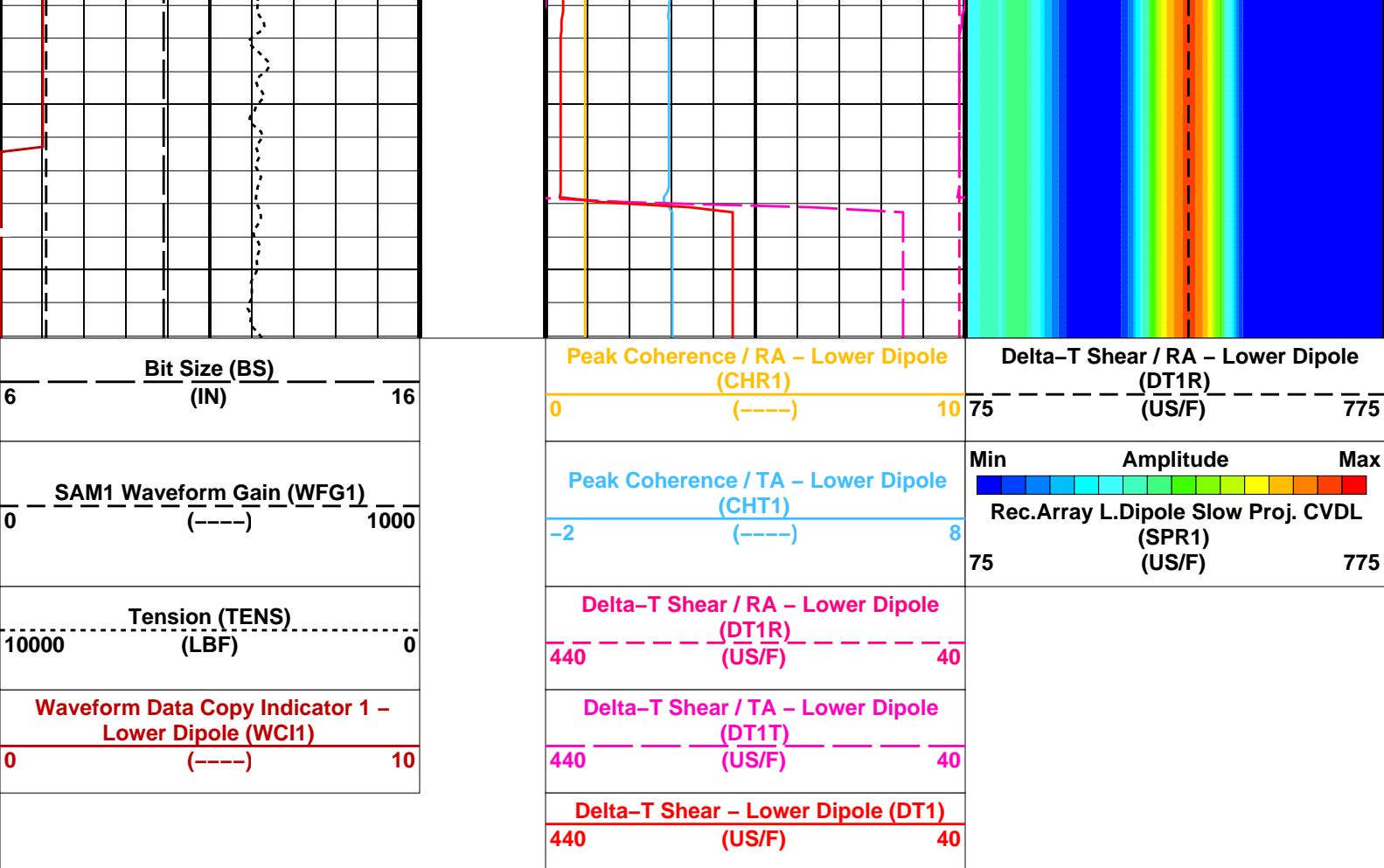


1575

1600





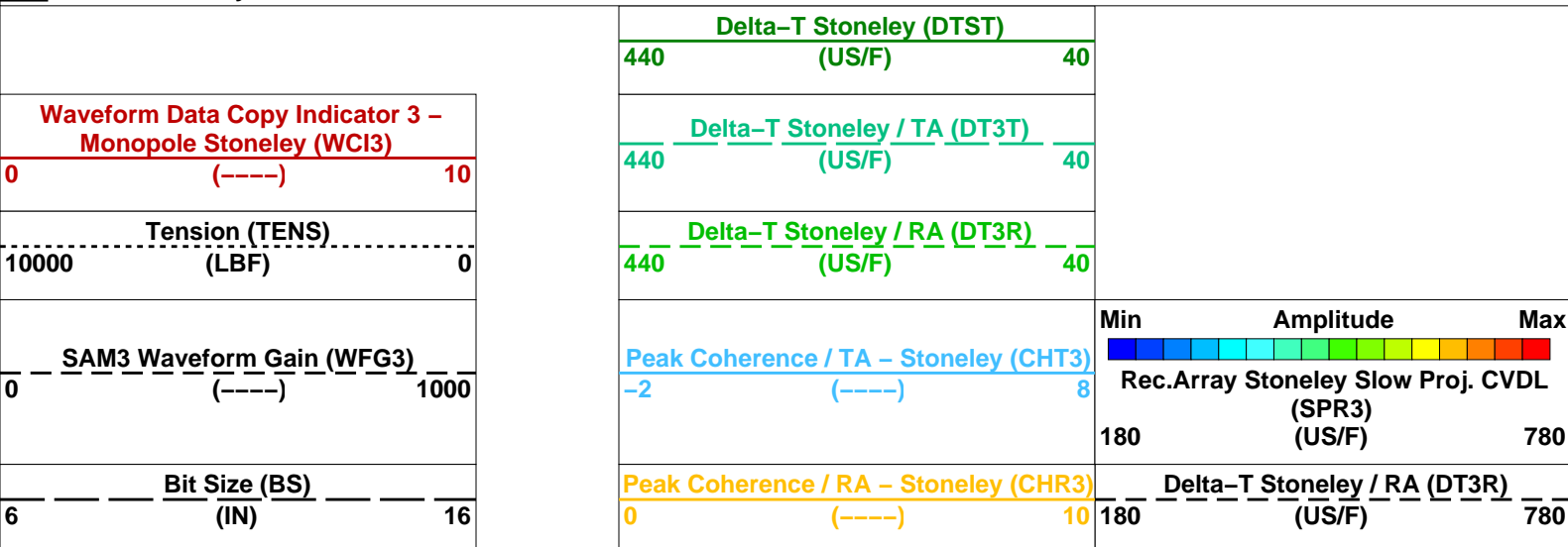


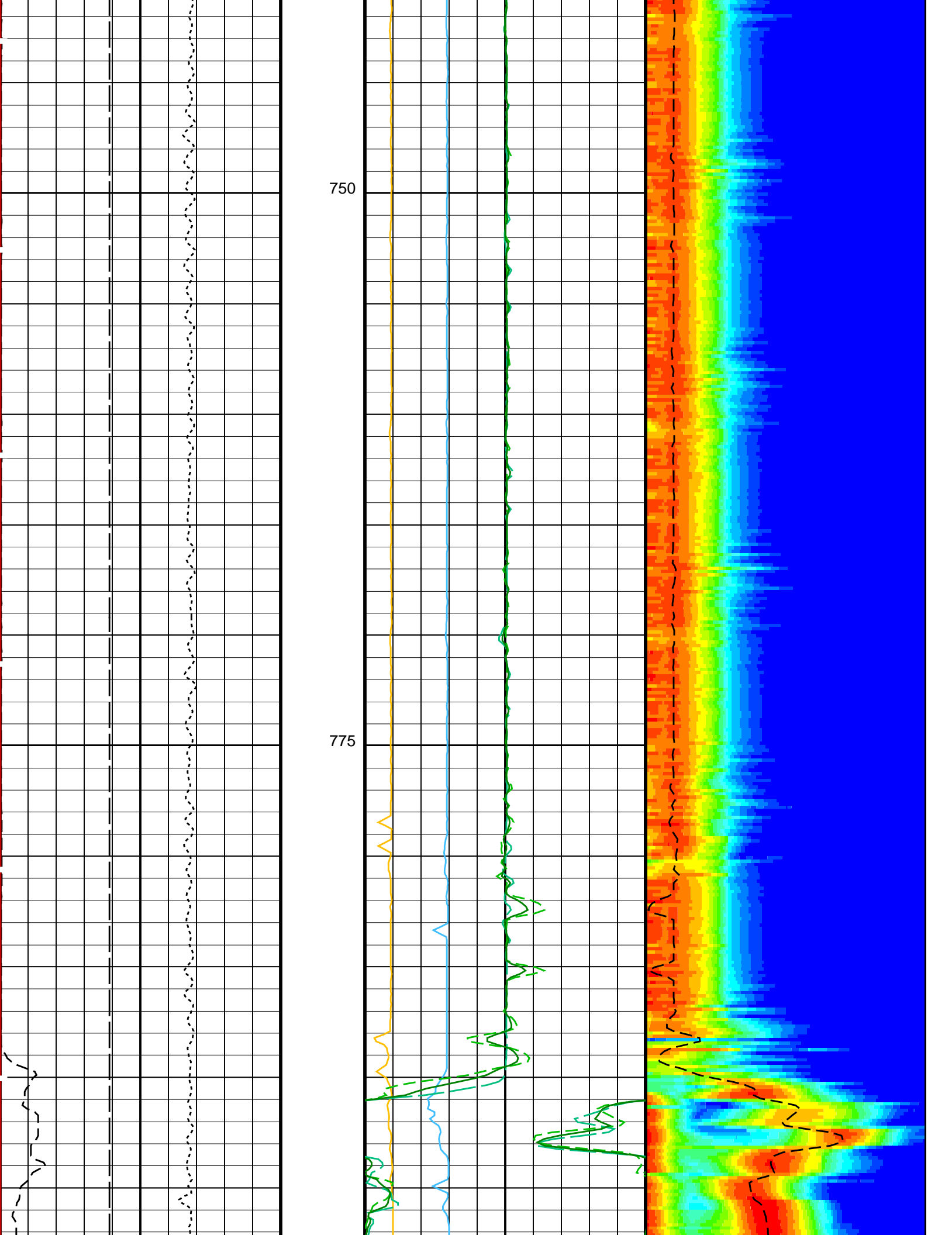
PIP SUMMARY

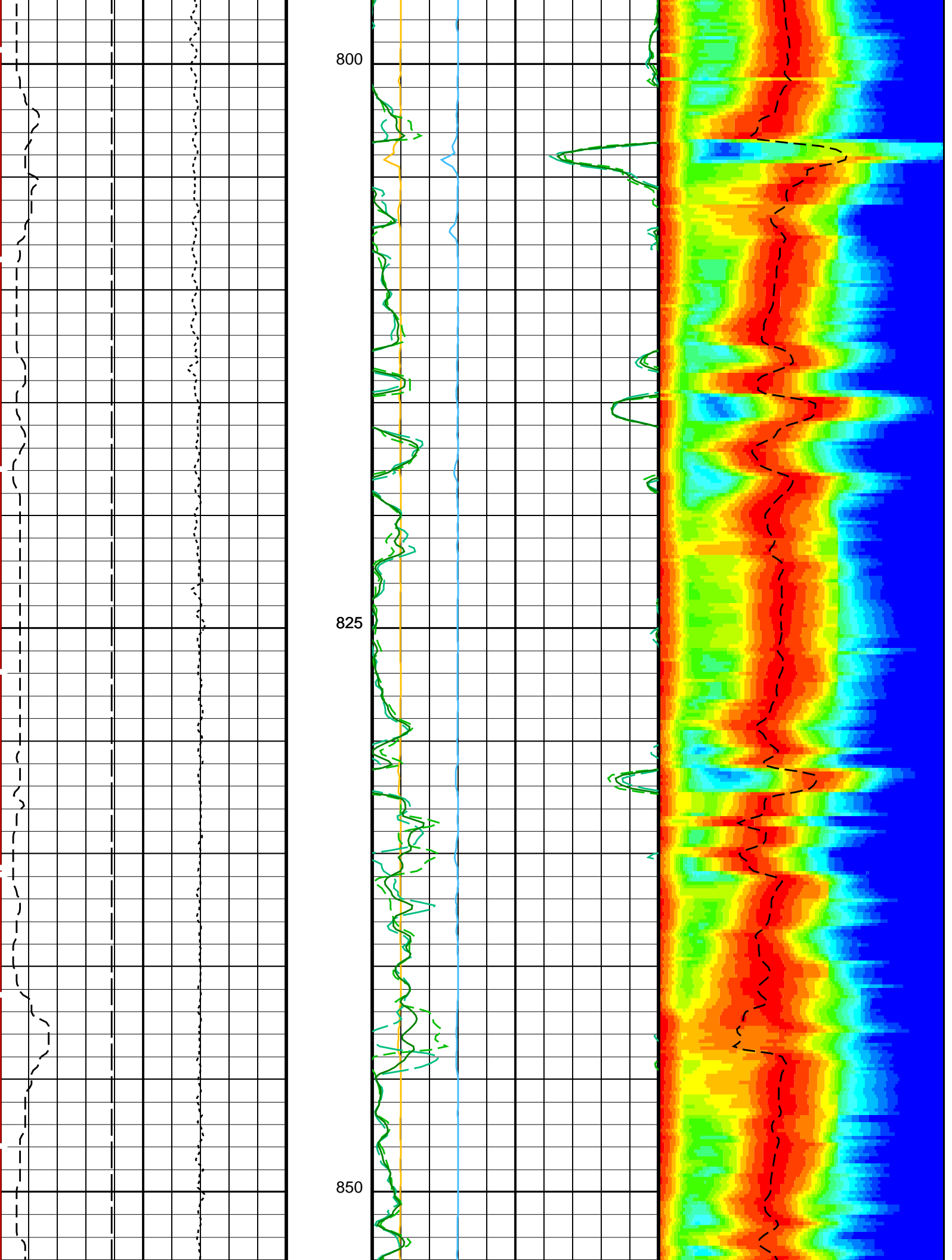
Time Mark Every 60 S

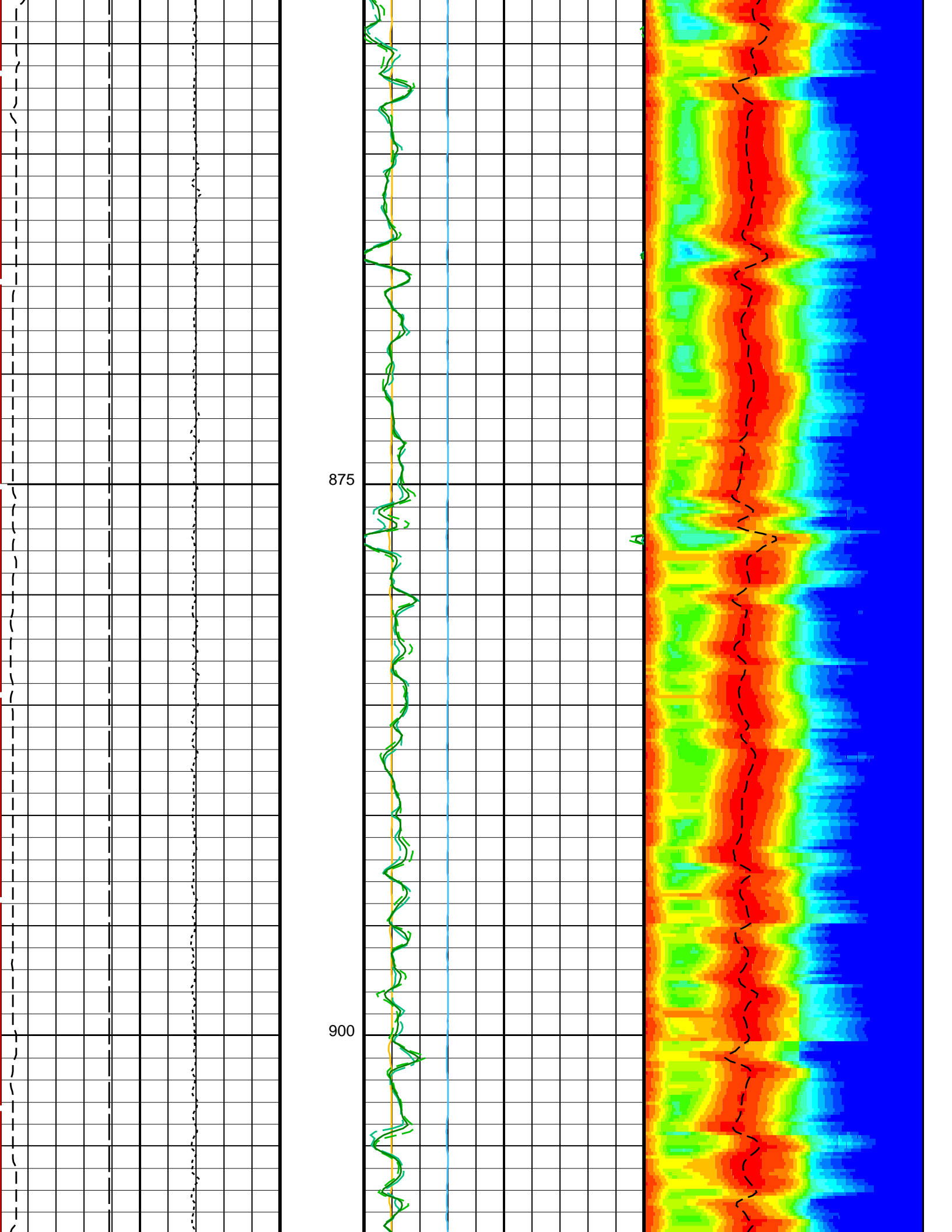
Parameters

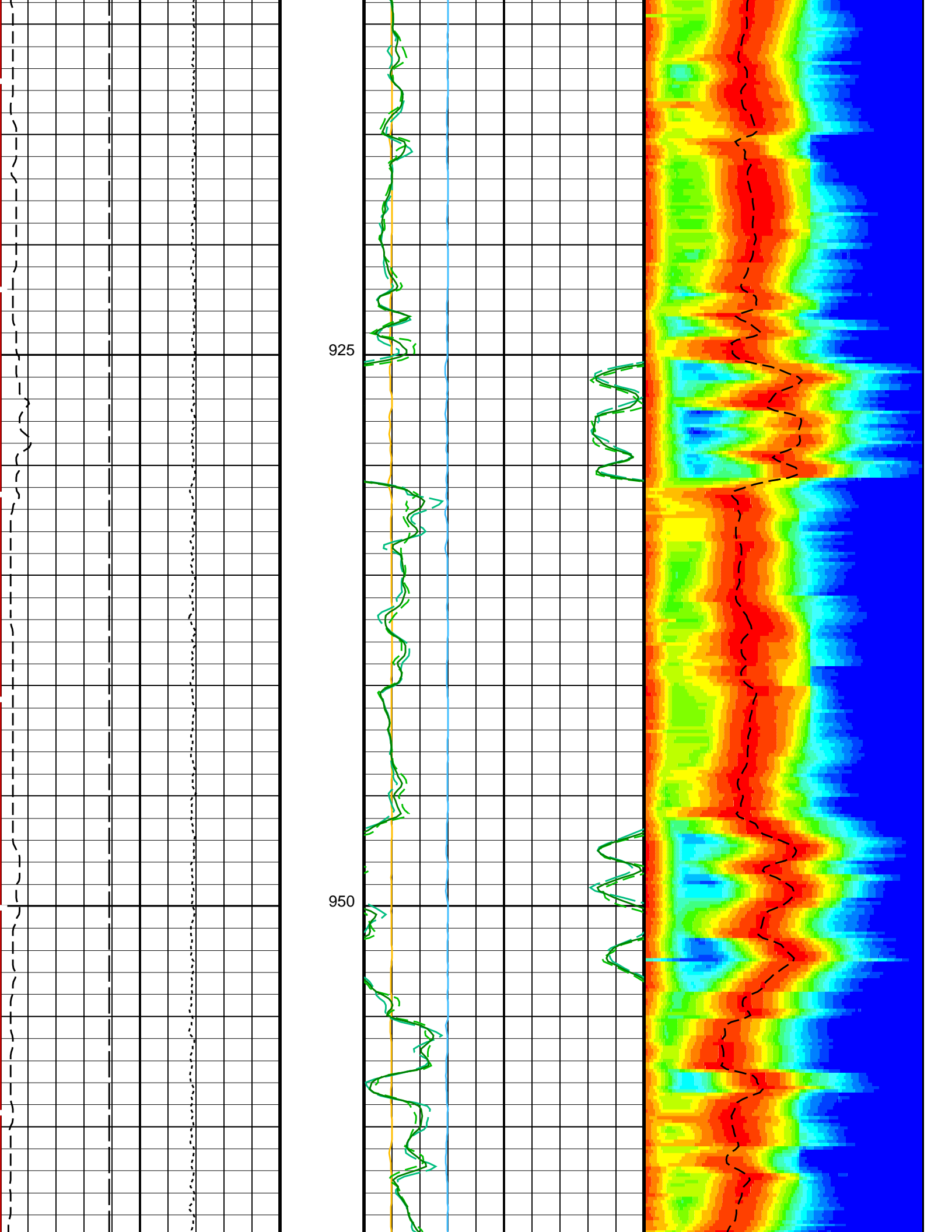
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE1	Digitizing Delay 1	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	US/F
DSI1	Digitizer Sample 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	75	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	775	US/F
SWD1	STC Slowness Width – Lower Dipole	40	US/F
TBF1	STC Time for Baseline Fill – Lower Dipole	0	US

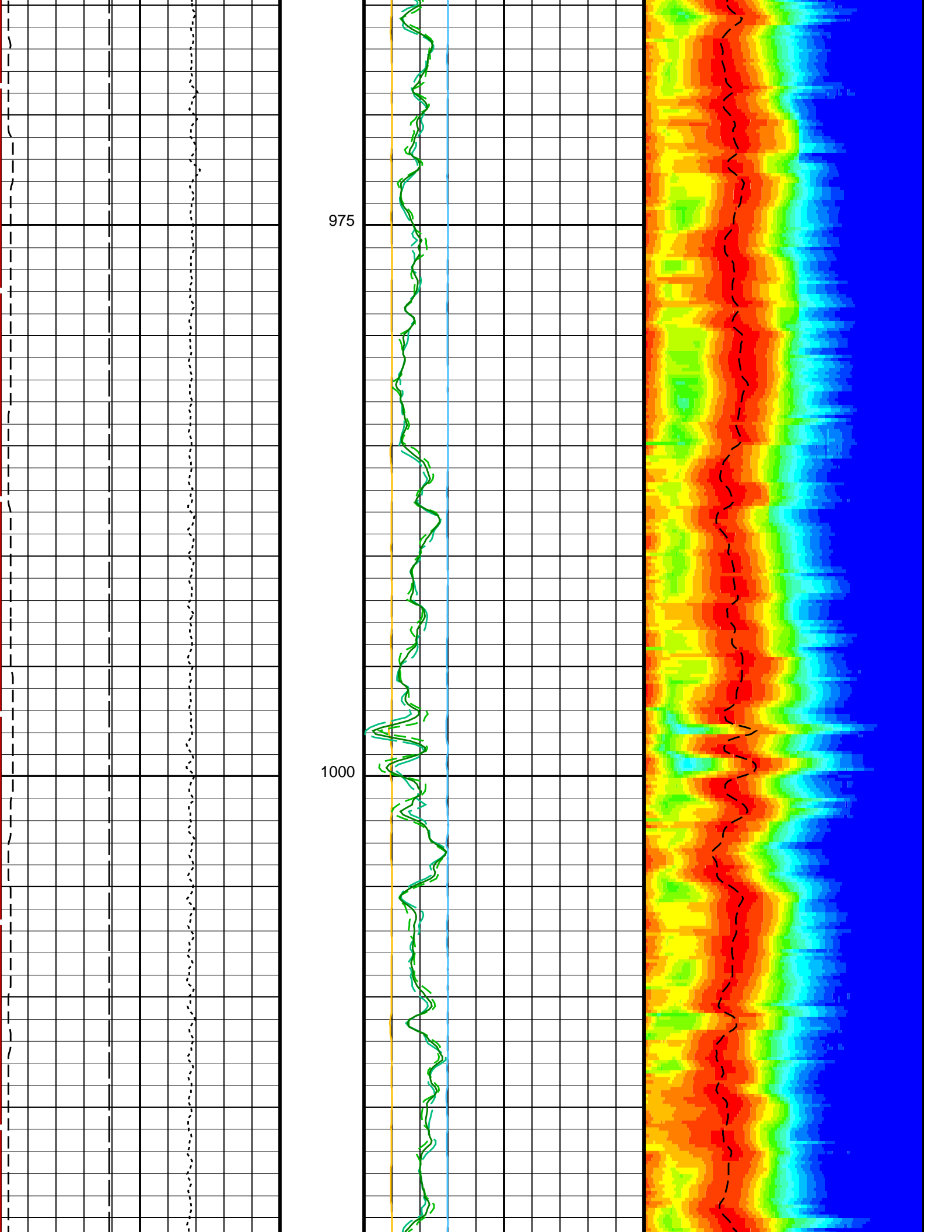


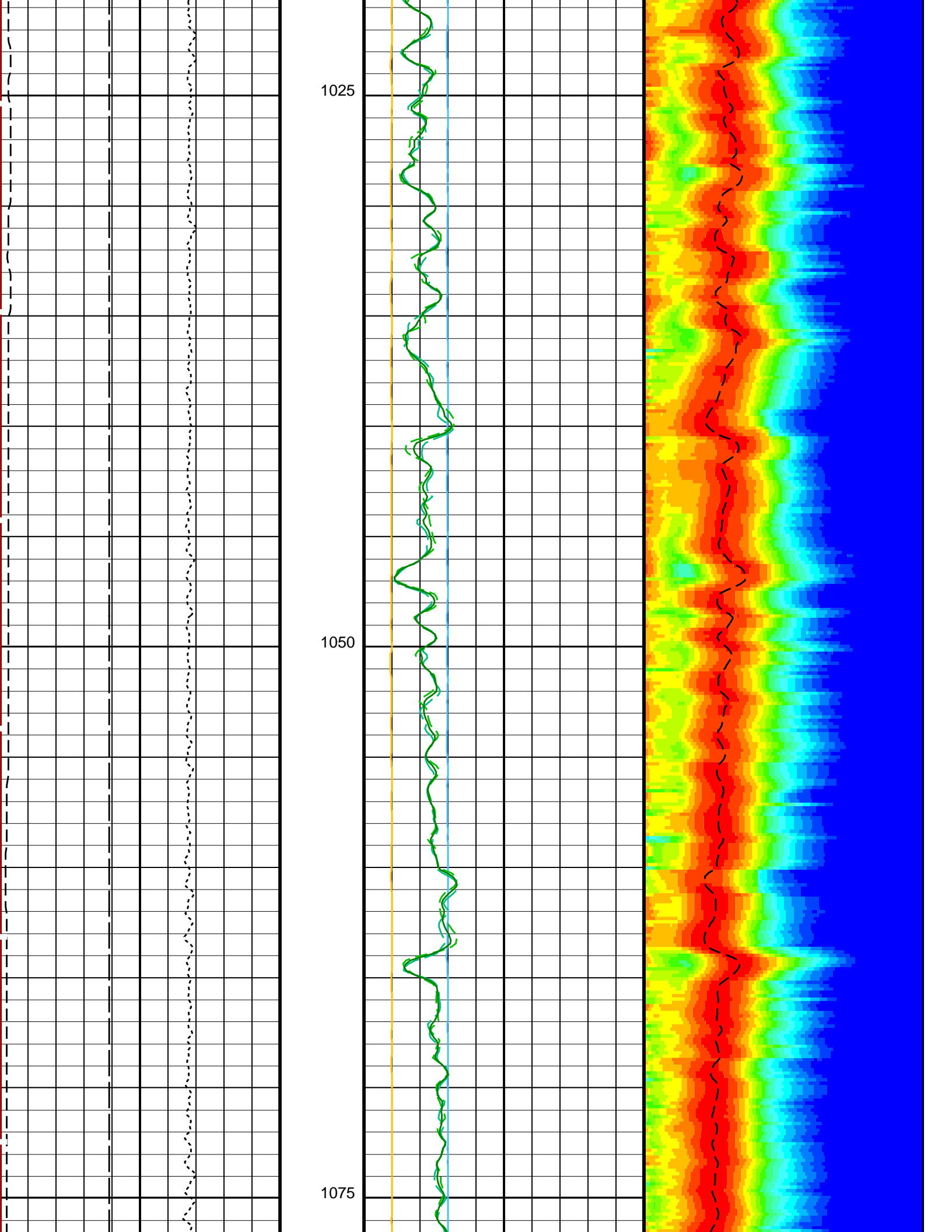


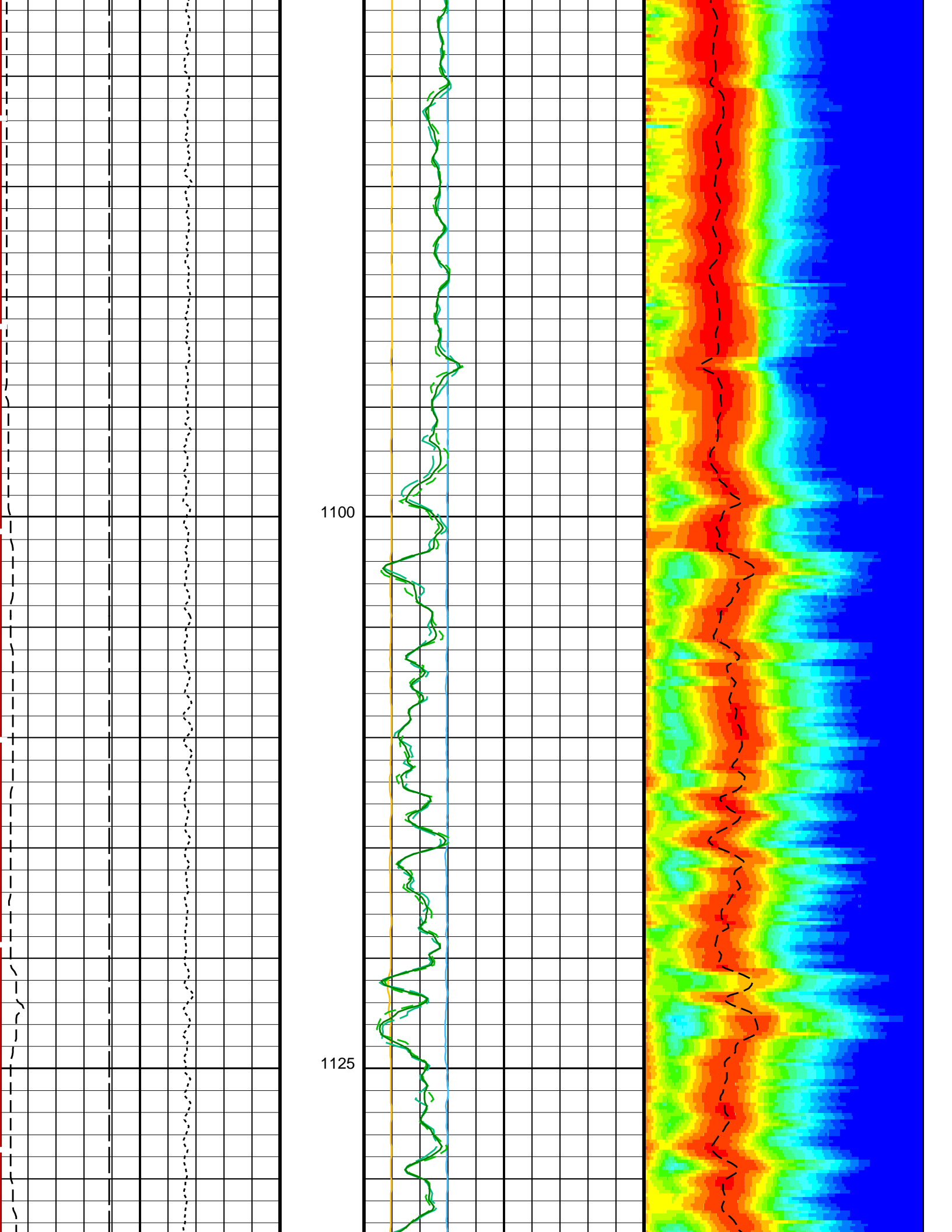


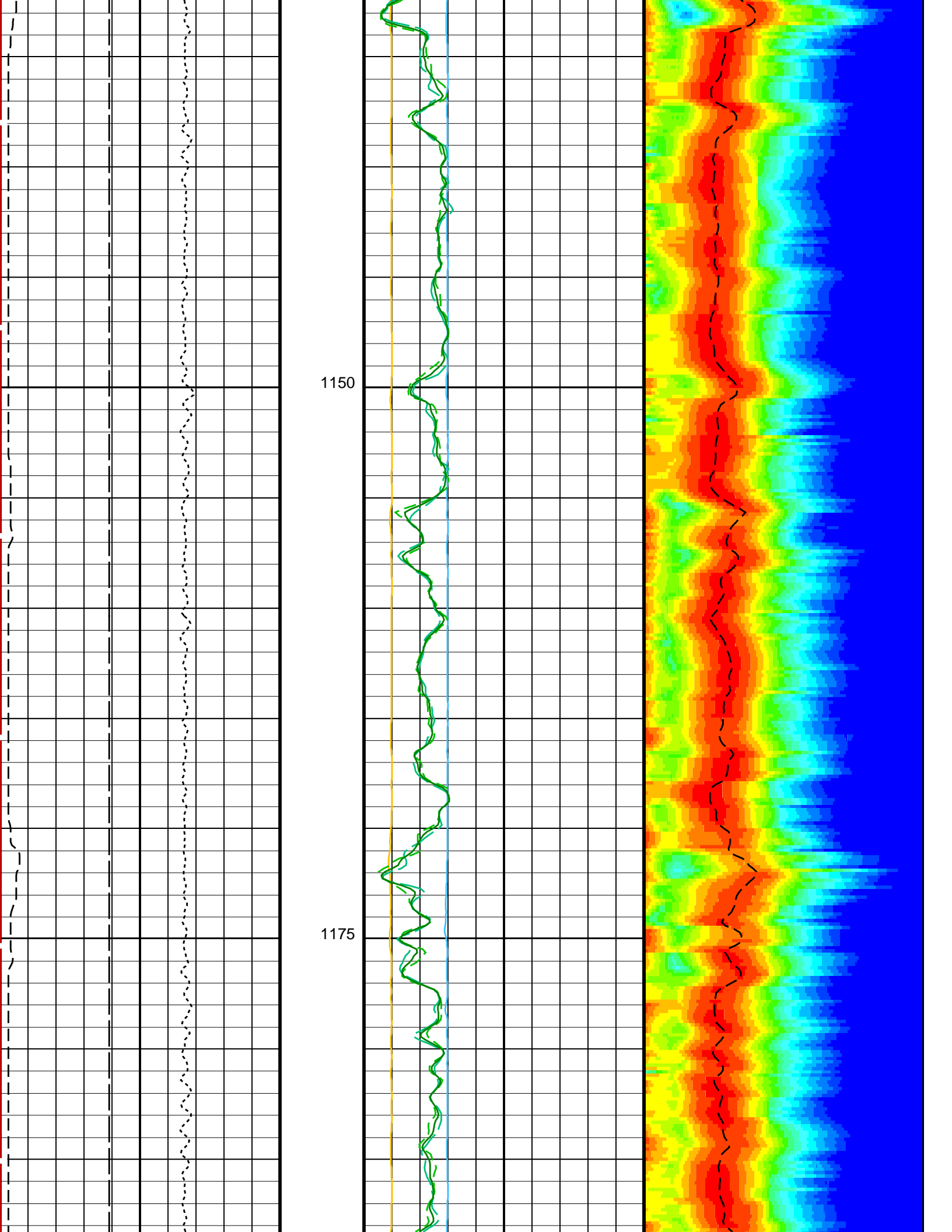


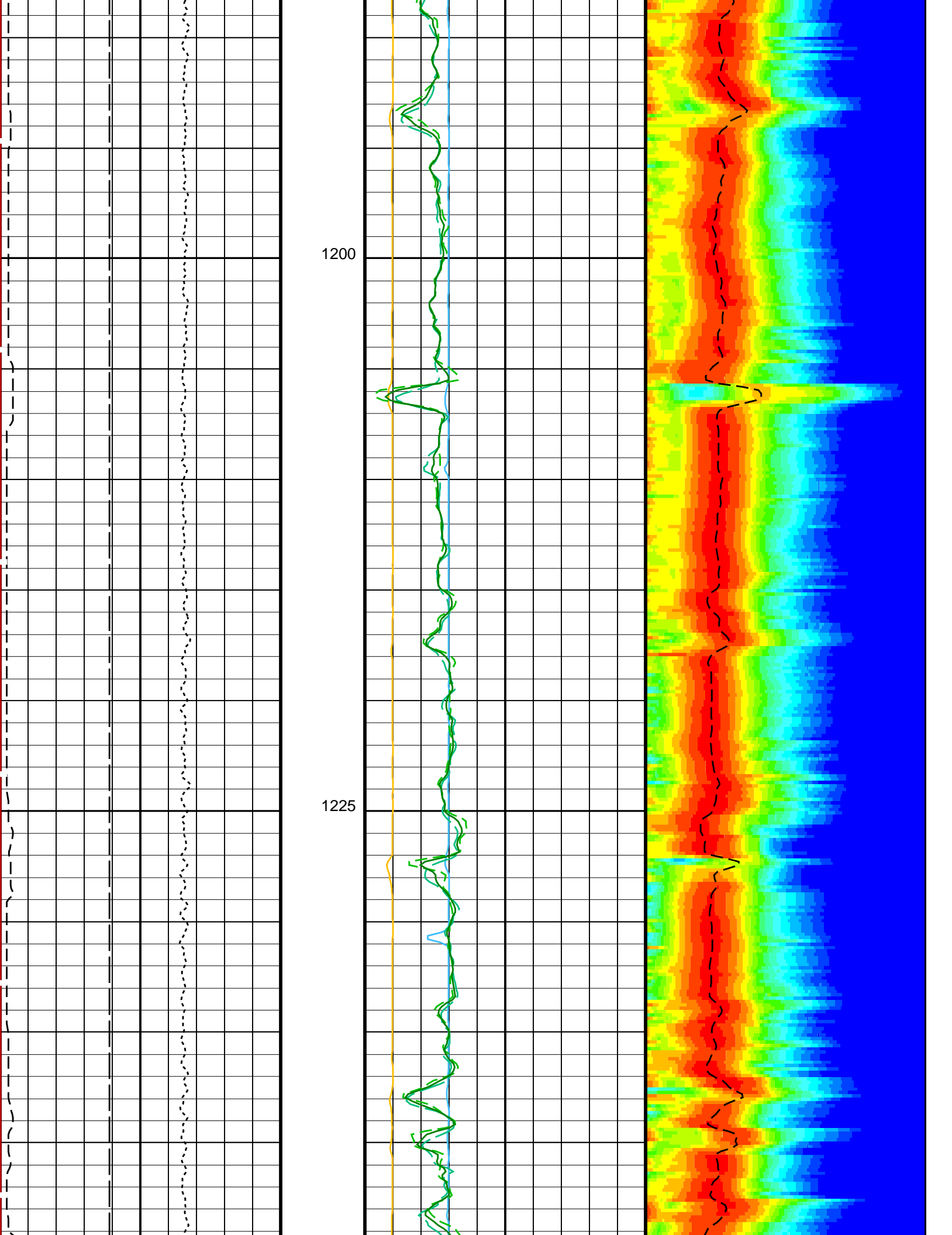


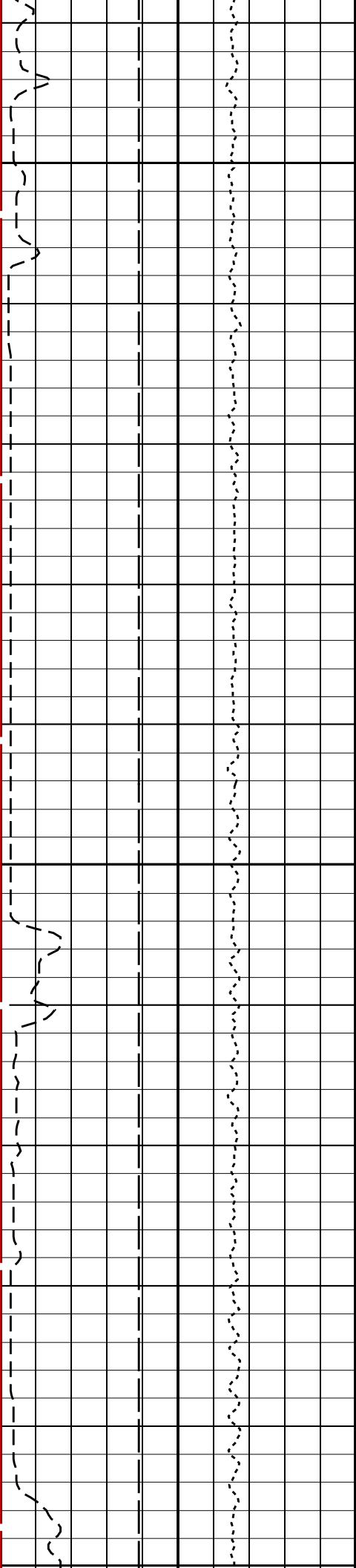








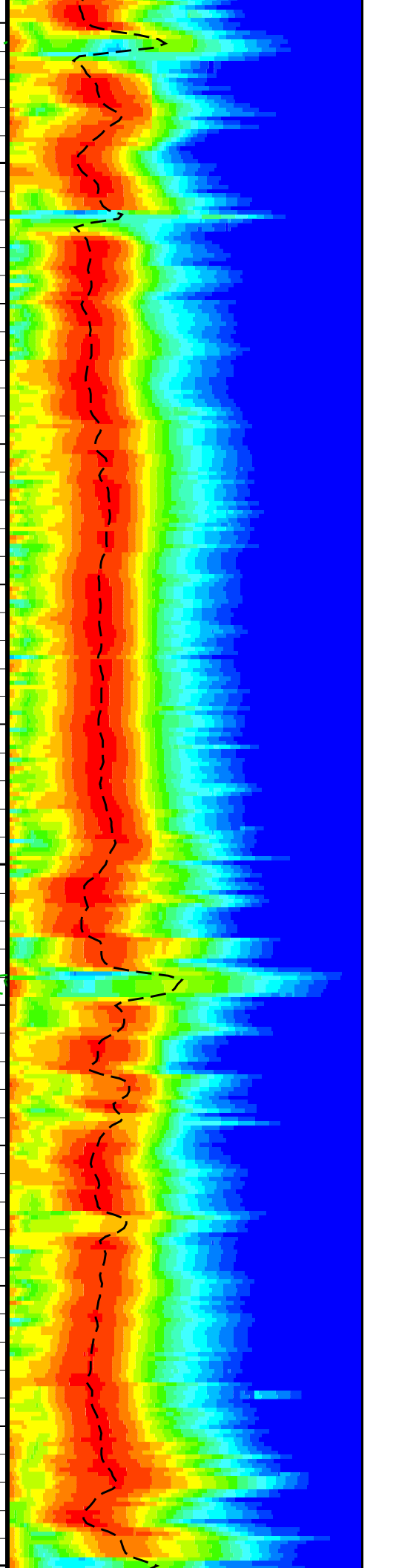
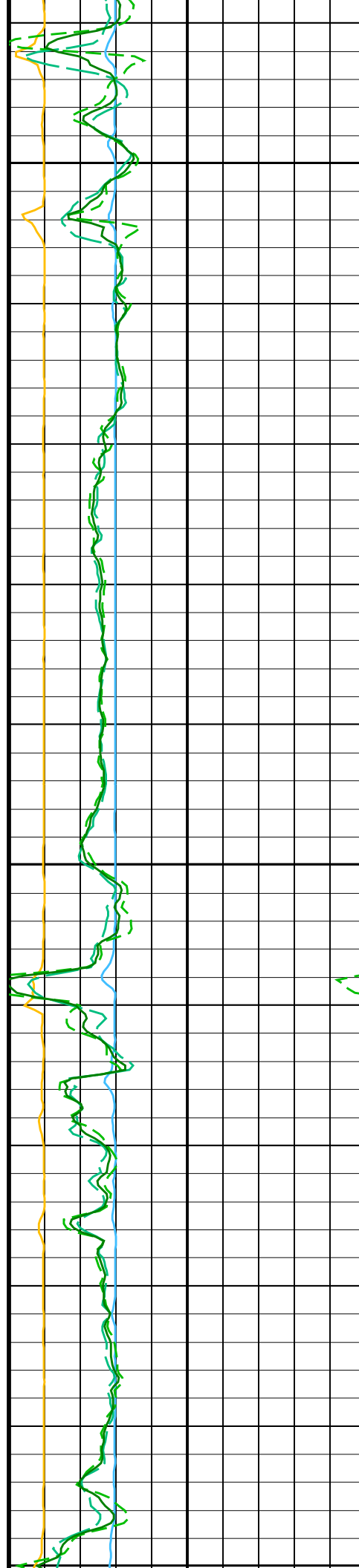


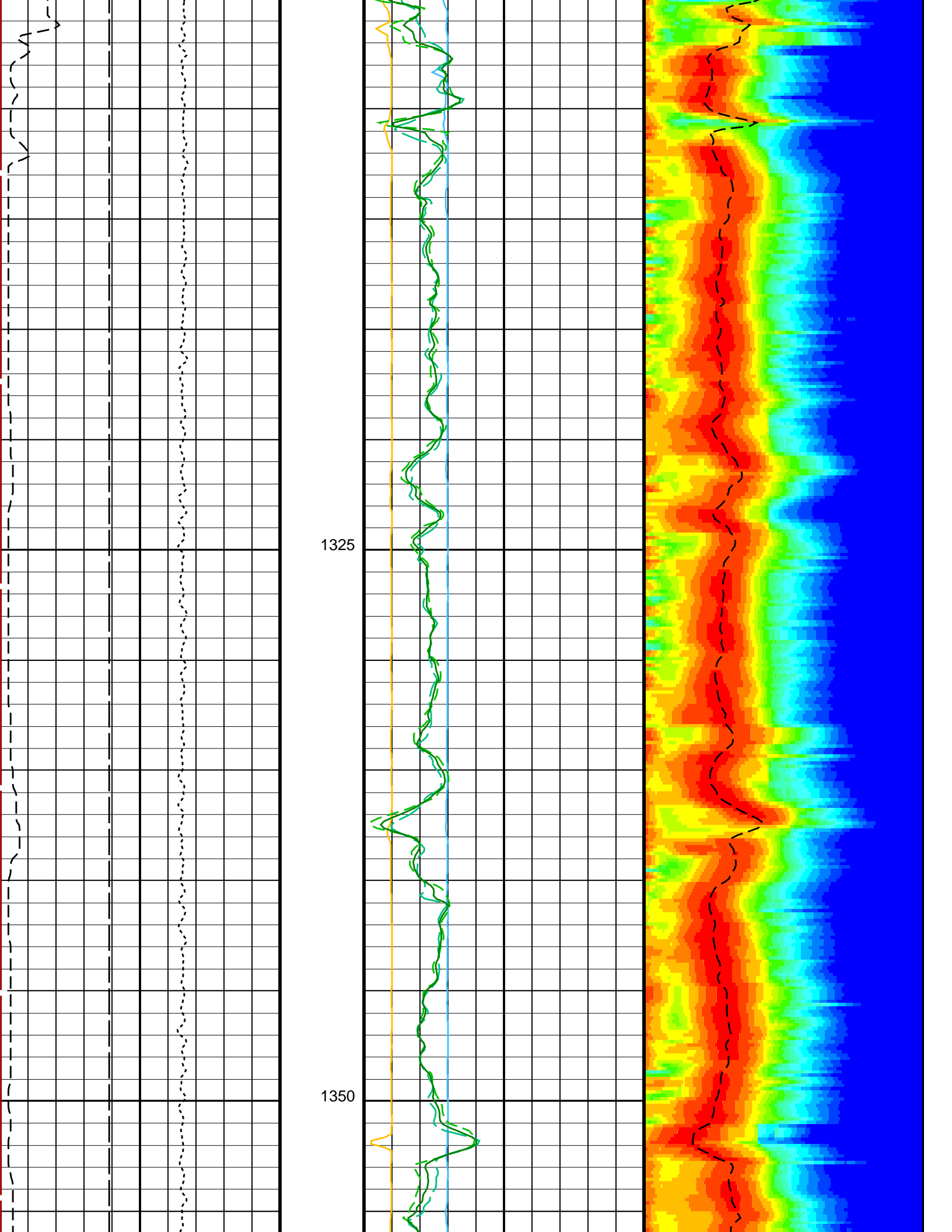


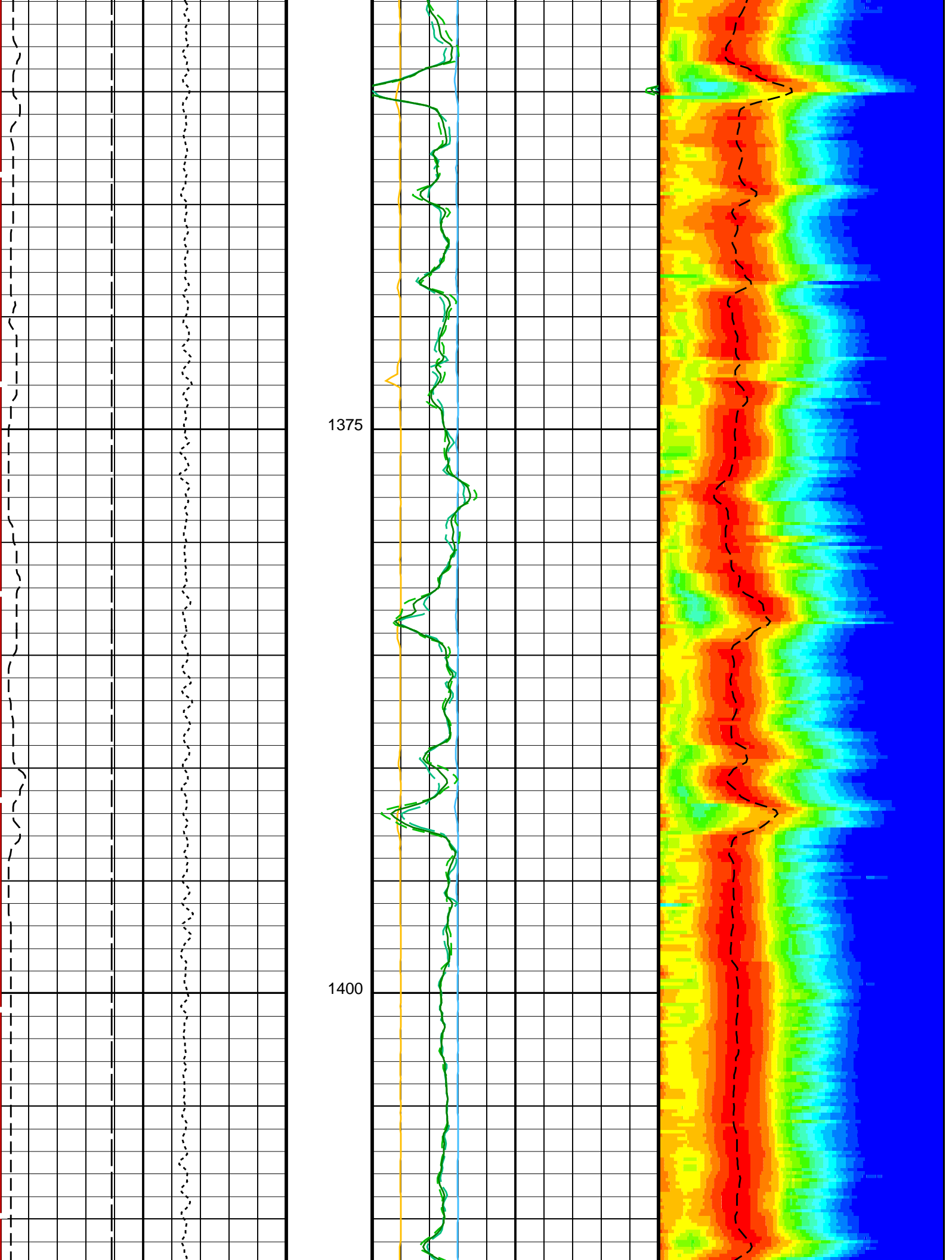
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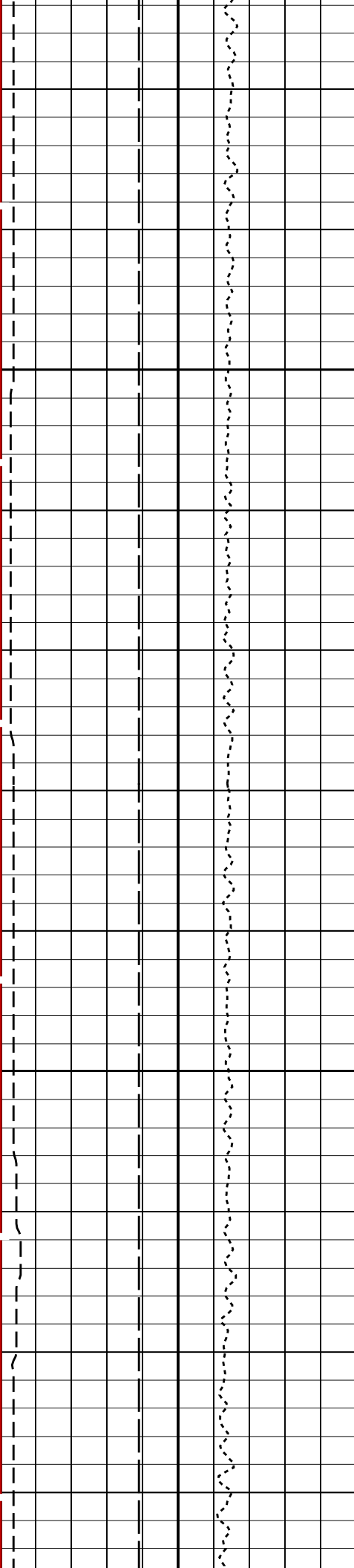
1275

1300



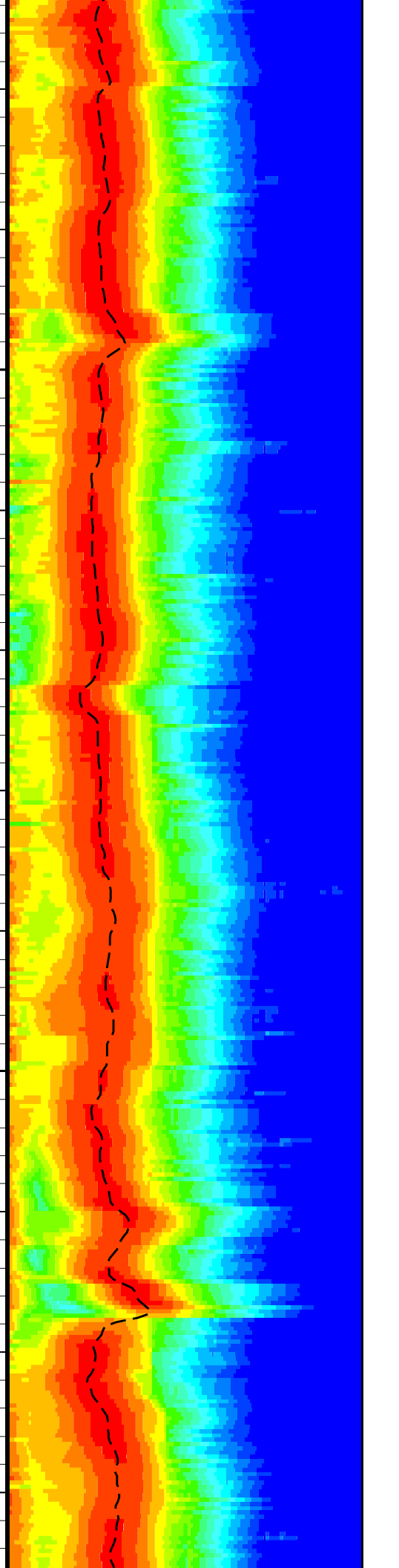
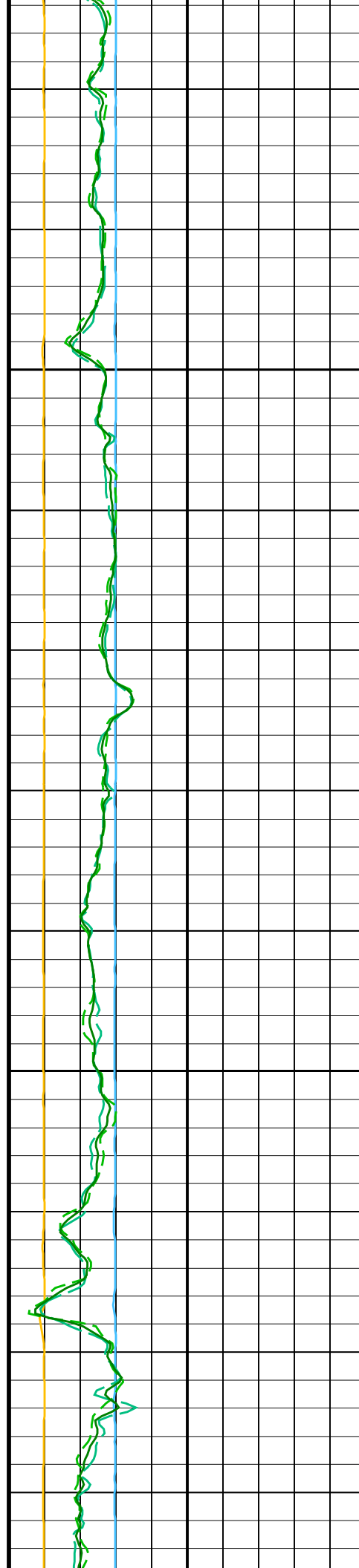


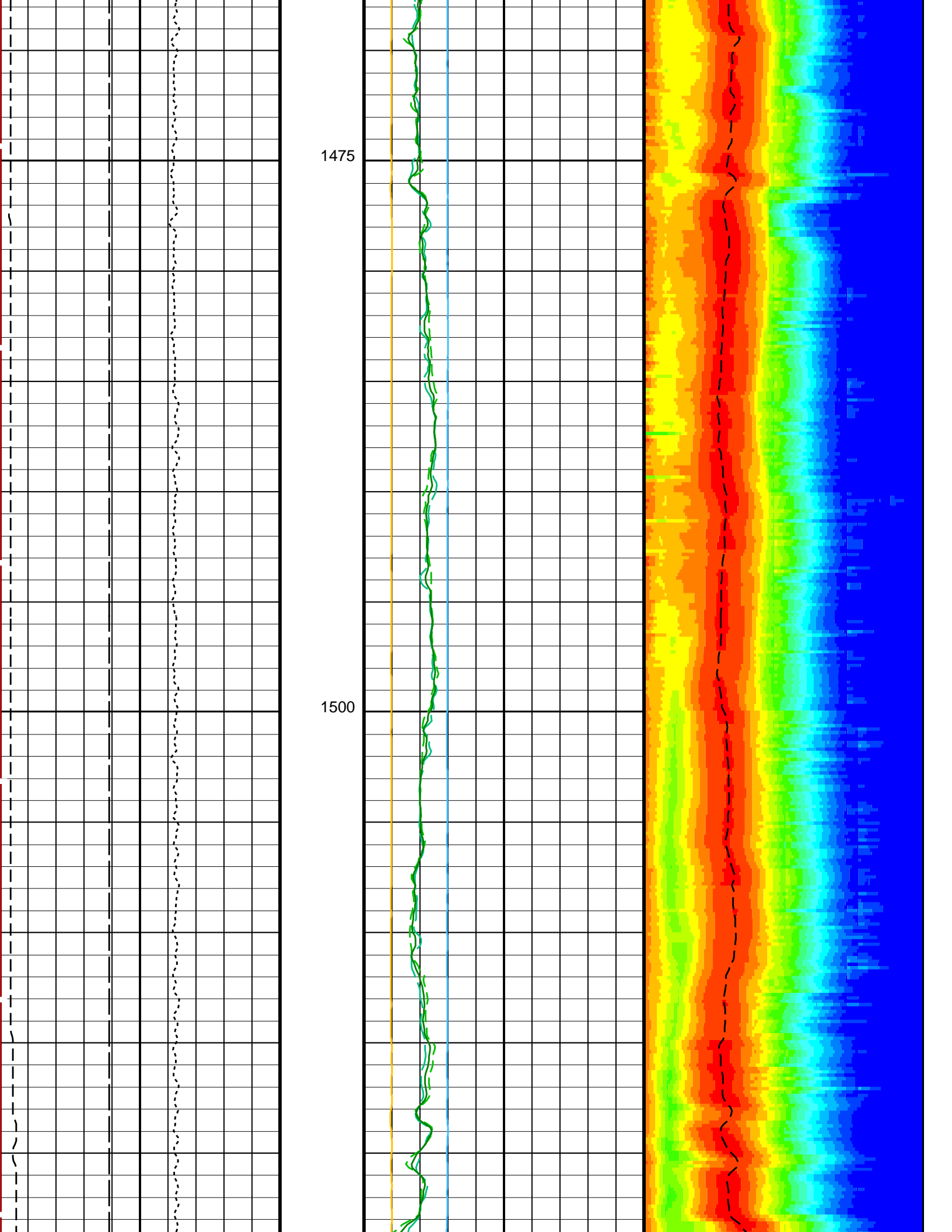


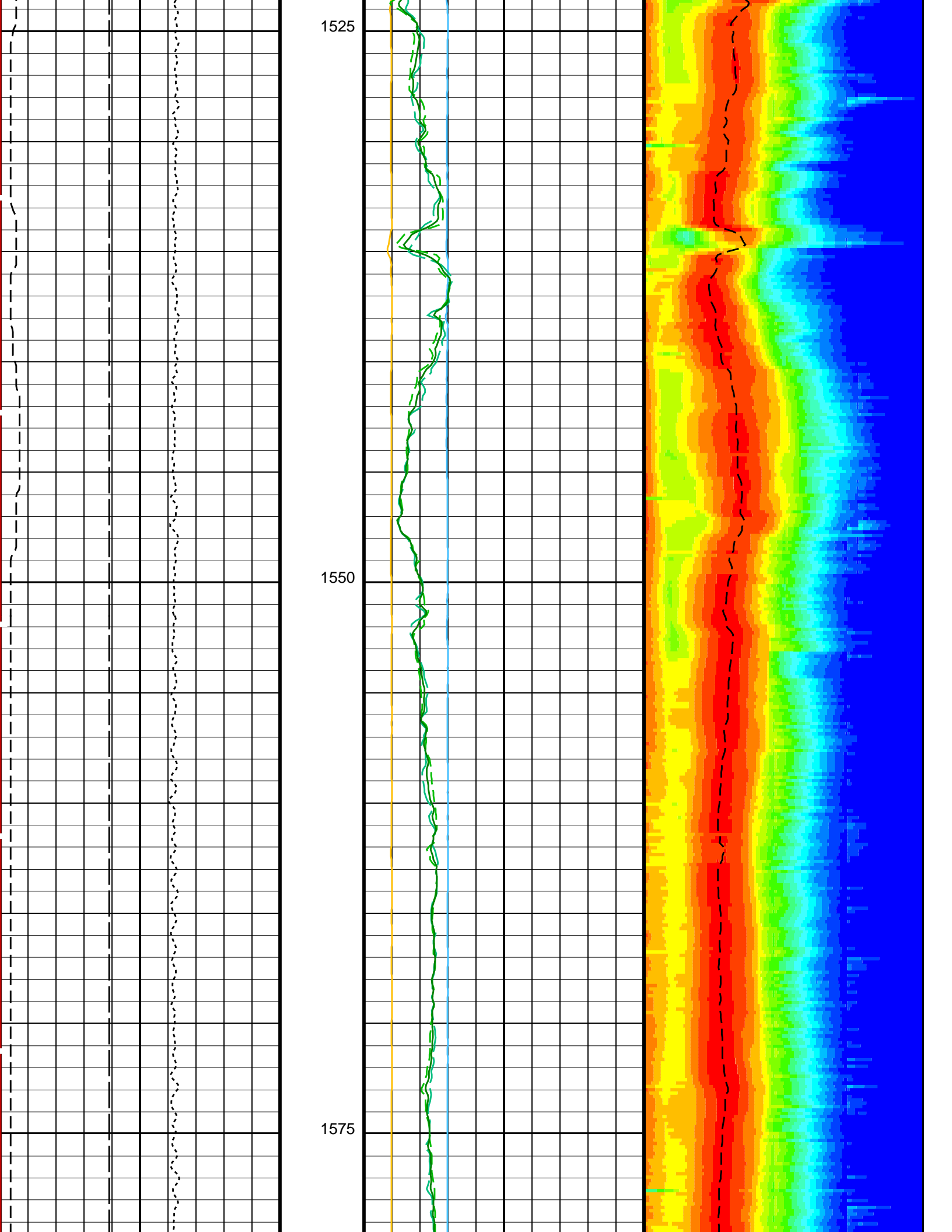


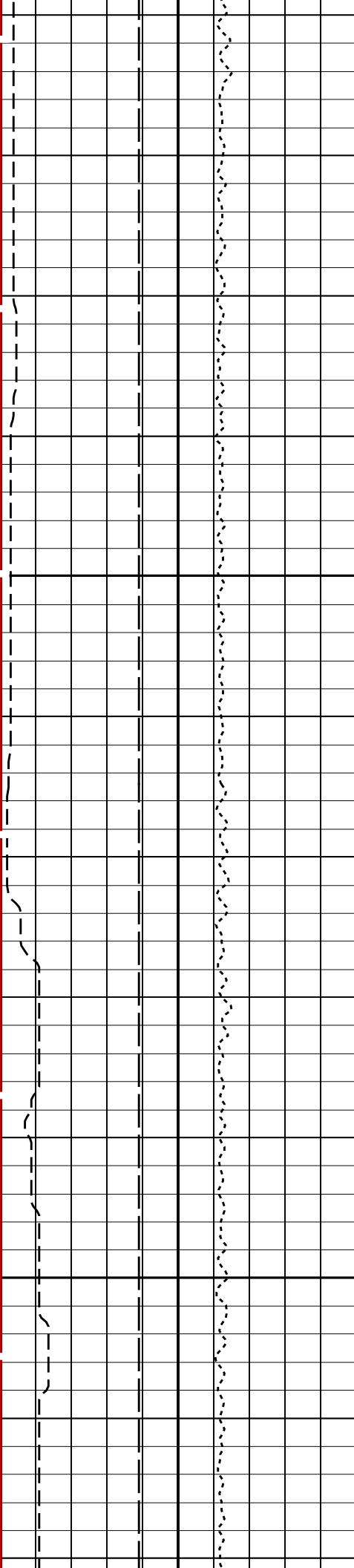
1425

1450



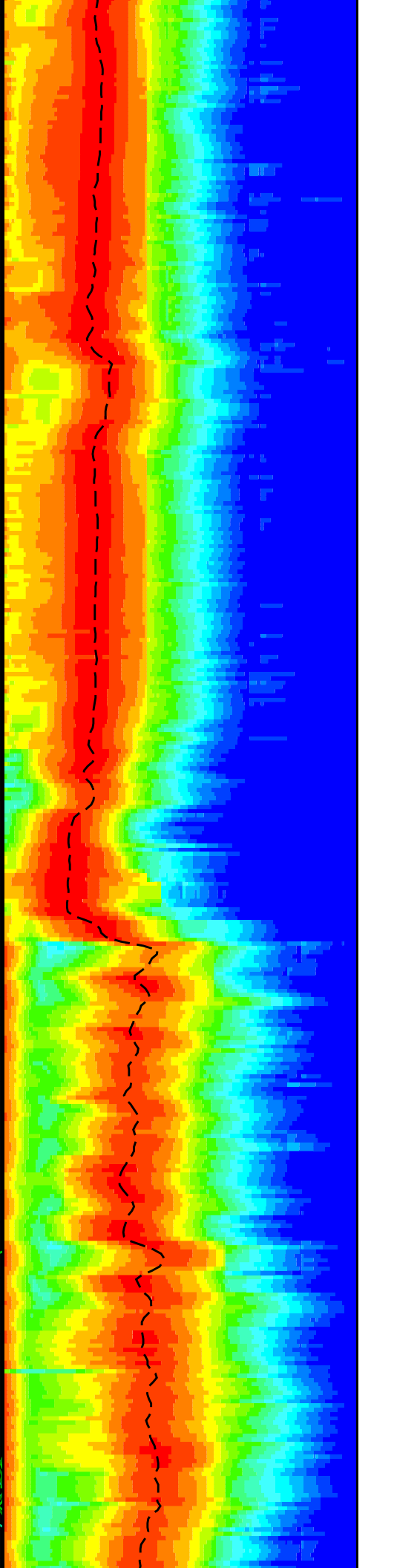
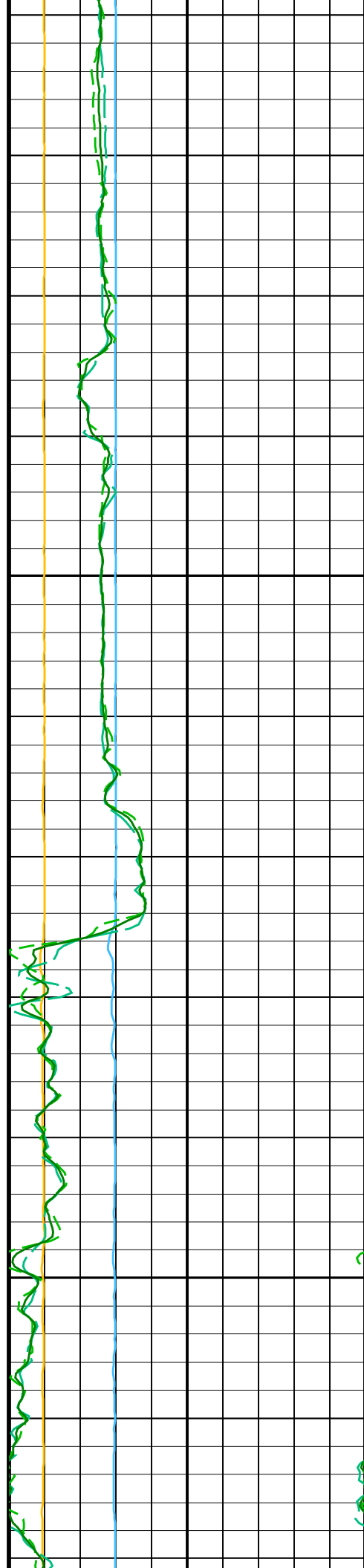


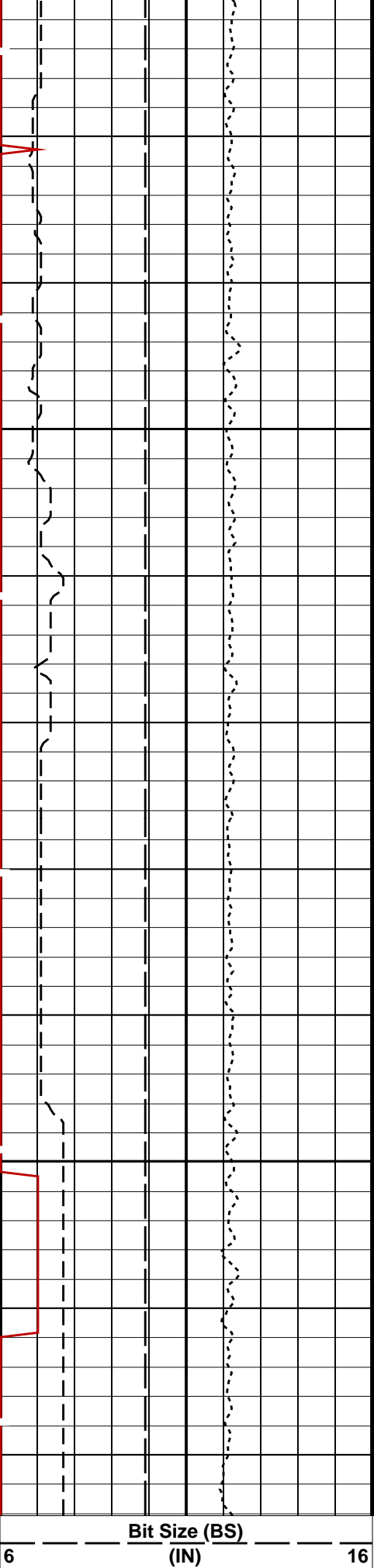




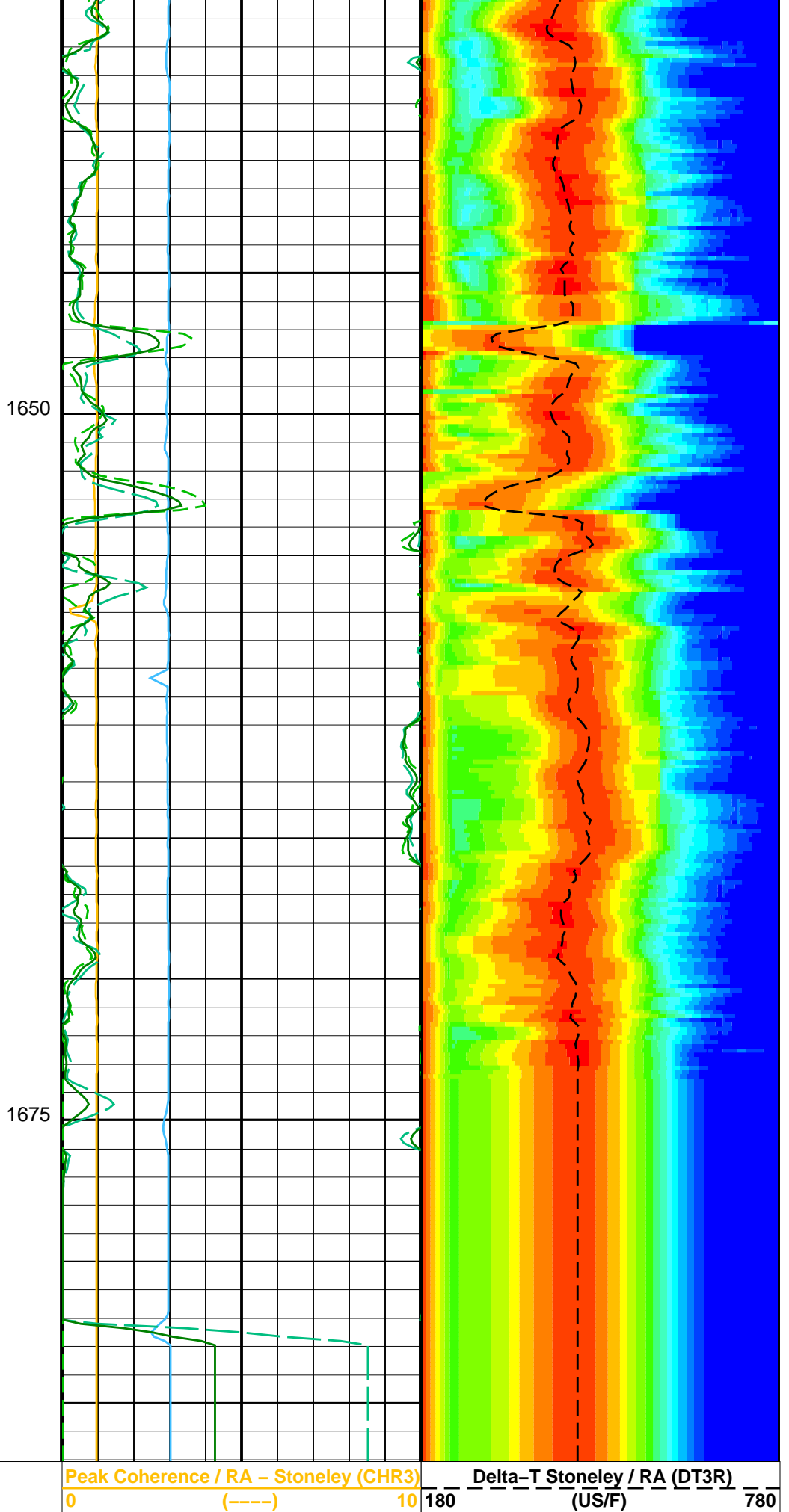
1600

1625





SAM3 Waveform Gain (WFG3)



0	(-----)	1000	-2	(-----)	8	Rec.Array Stoneley Slow Proj. CVDL (SPR3) (US/F)	180	780
Tension (TENS) (LBF)			Delta-T Stoneley / RA (DT3R) (US/F)					
10000		0	440		40			
Waveform Data Copy Indicator 3 - Monopole Stoneley (WCI3)			Delta-T Stoneley / TA (DT3T) (US/F)					
0	(-----)	10	440		40			
			Delta-T Stoneley (DTST) (US/F)					
			440		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		
WFM3	Waveform Mode 3	W1		
System and Miscellaneous				
BS	Bit Size	9.875	IN	

Format: DSST_STONELEY_VDL_COLOR	Vertical Scale: 1:200	Graphics File Created: 25-Sep-2023 06:29
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OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_009LUP	FN:7	PRODUCER 25-Sep-2023 06:29

Output DLIS Files

DEFAULT

MSS_LDEO_DSI_HRLA_009LUP

FN:7

PRODUCER

25-Sep-2023 06:29

1687.1 M

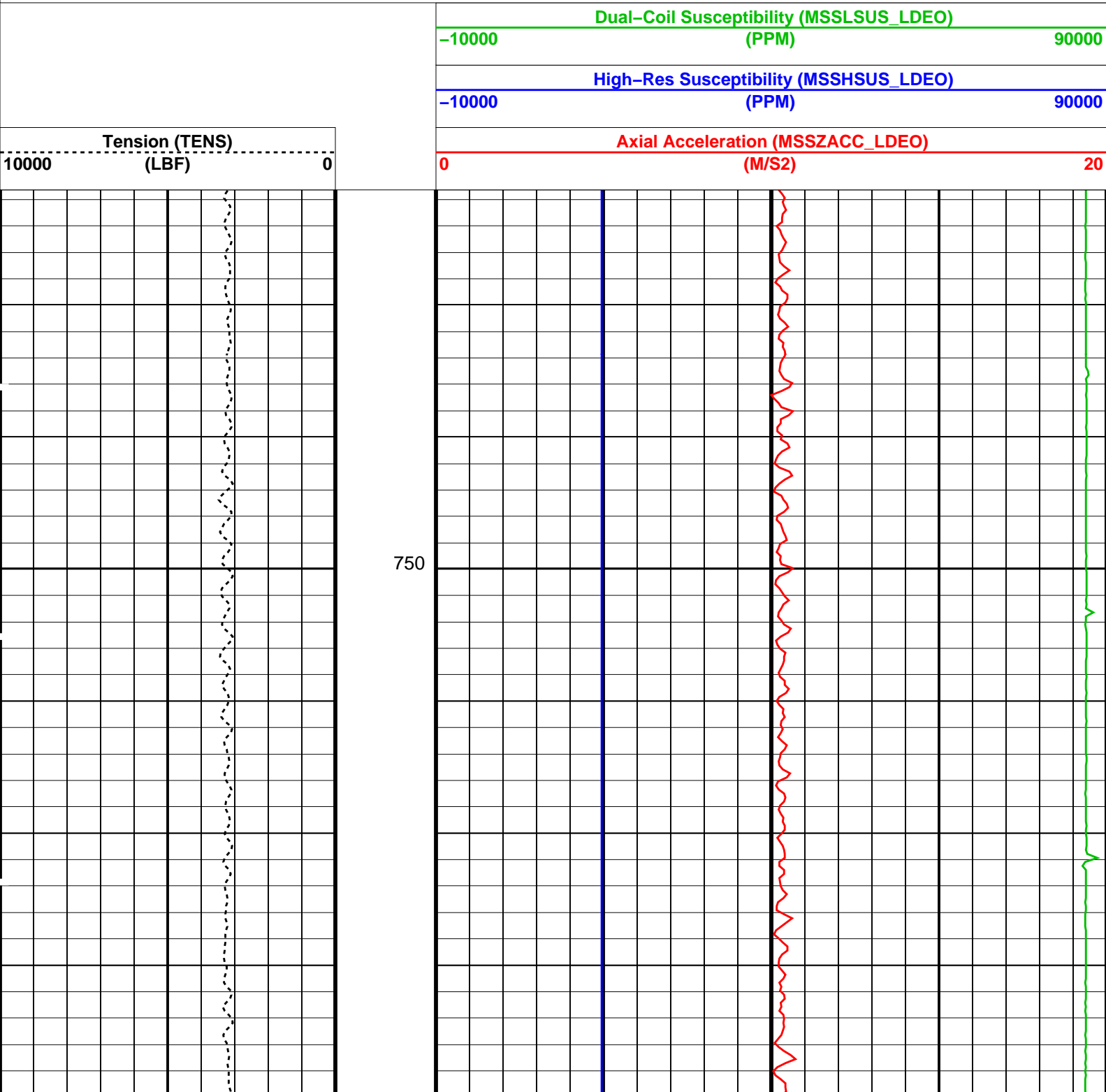
736.1 M

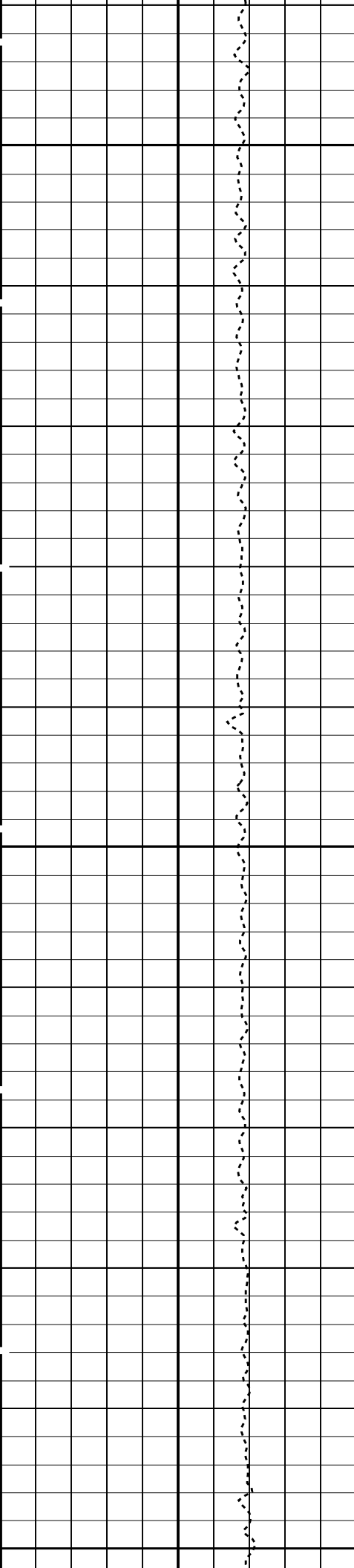
OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S

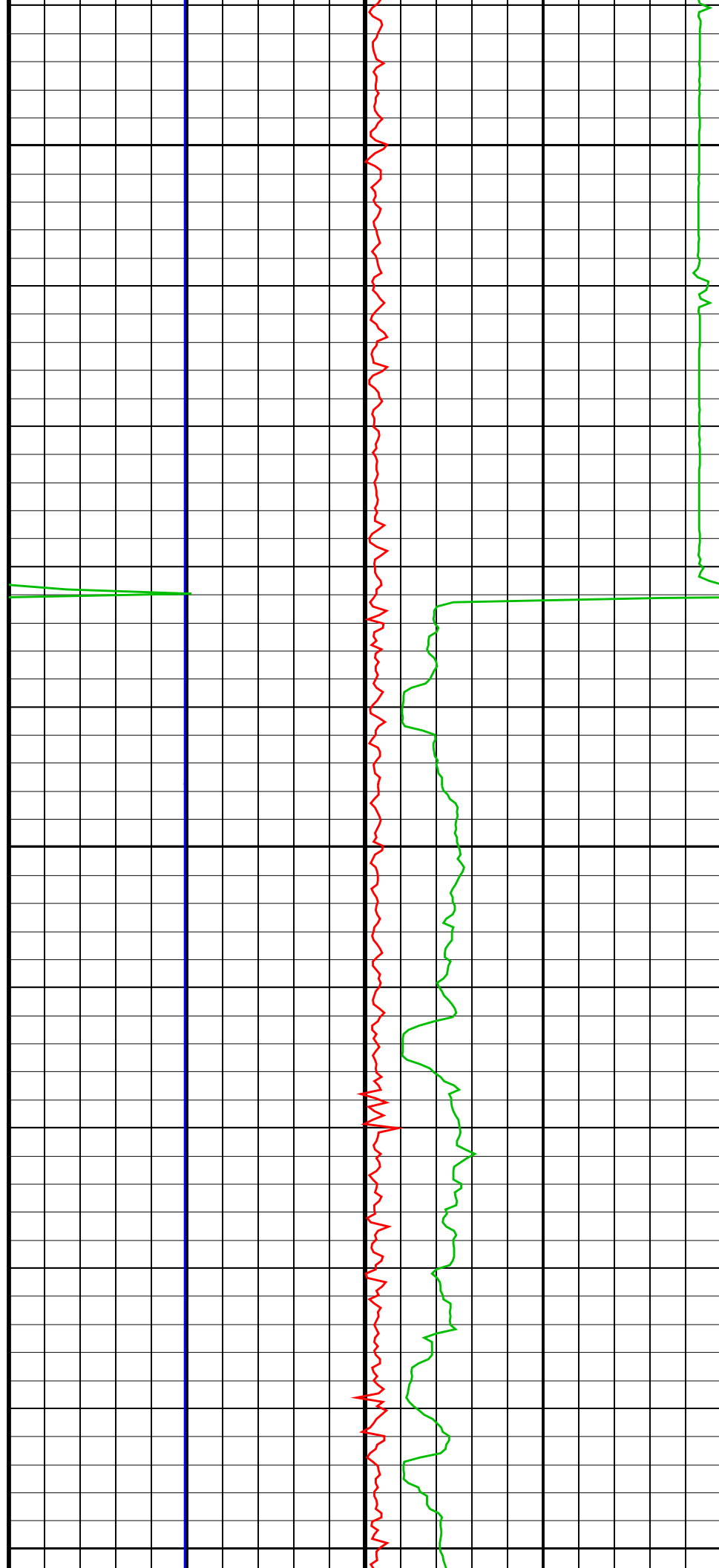


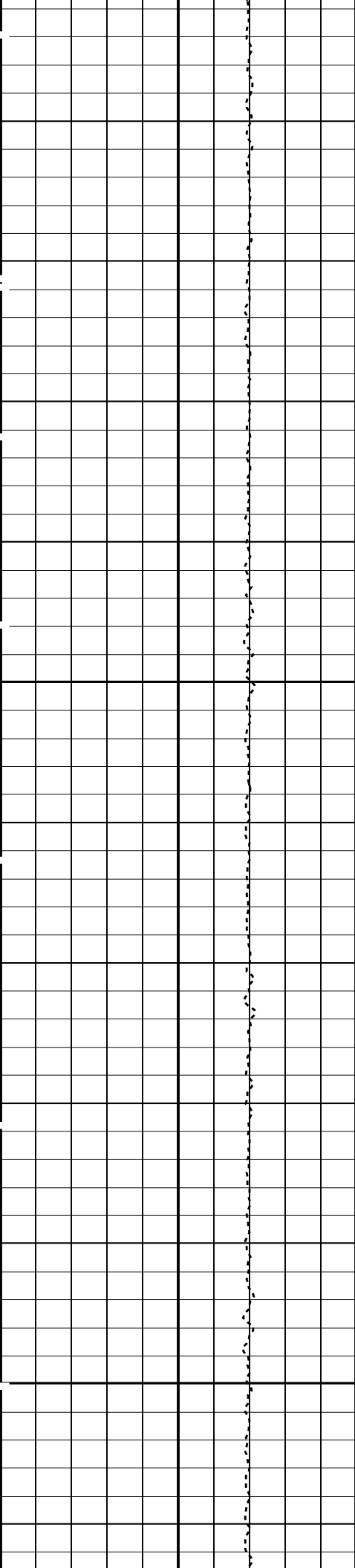


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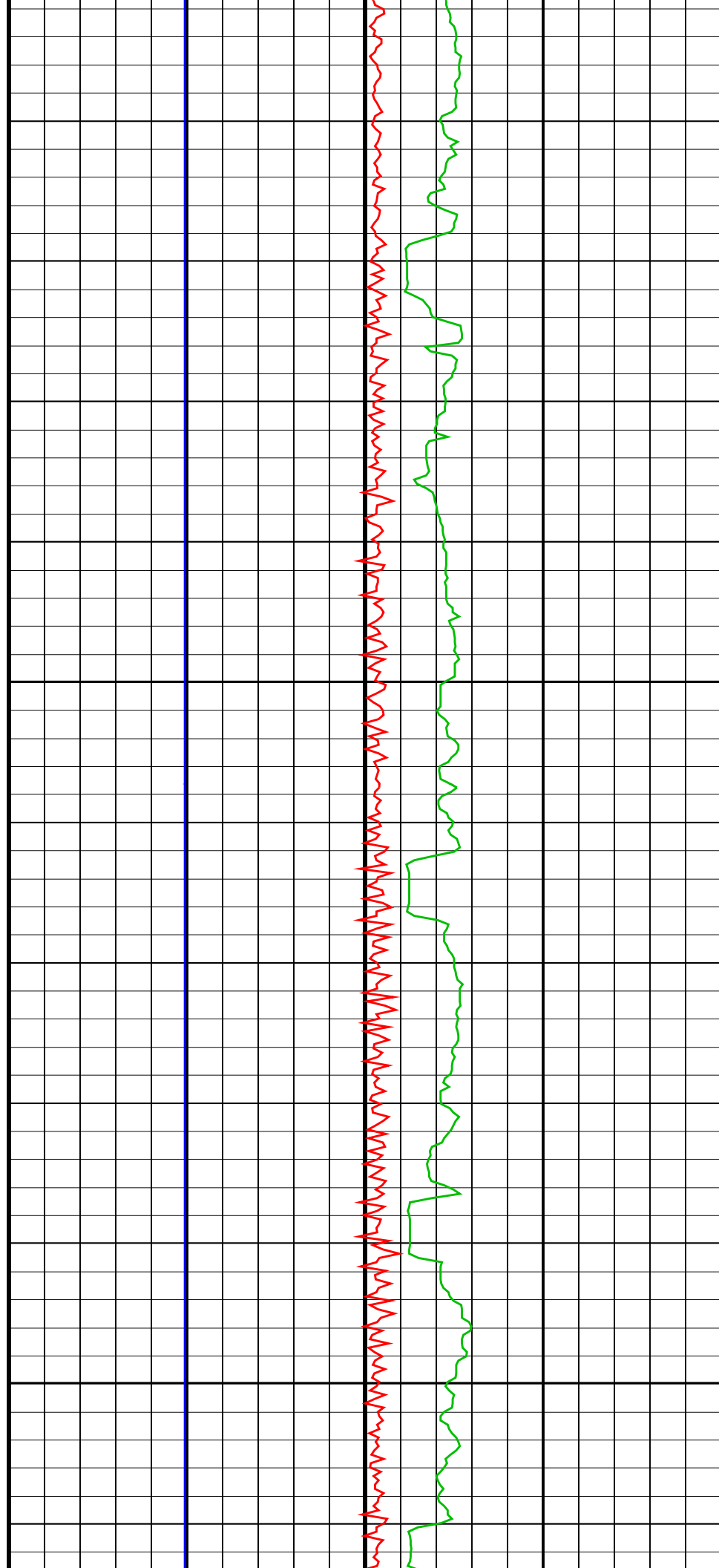
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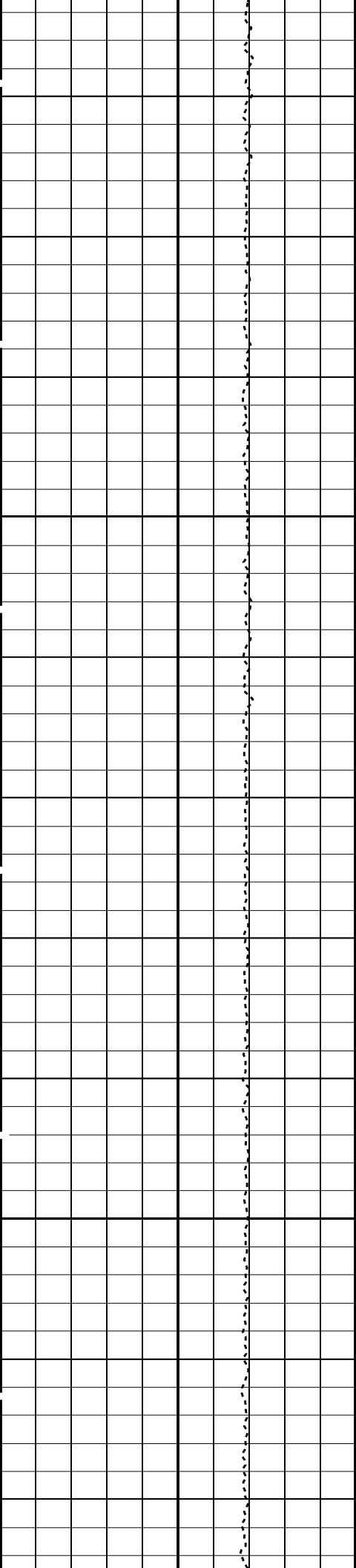




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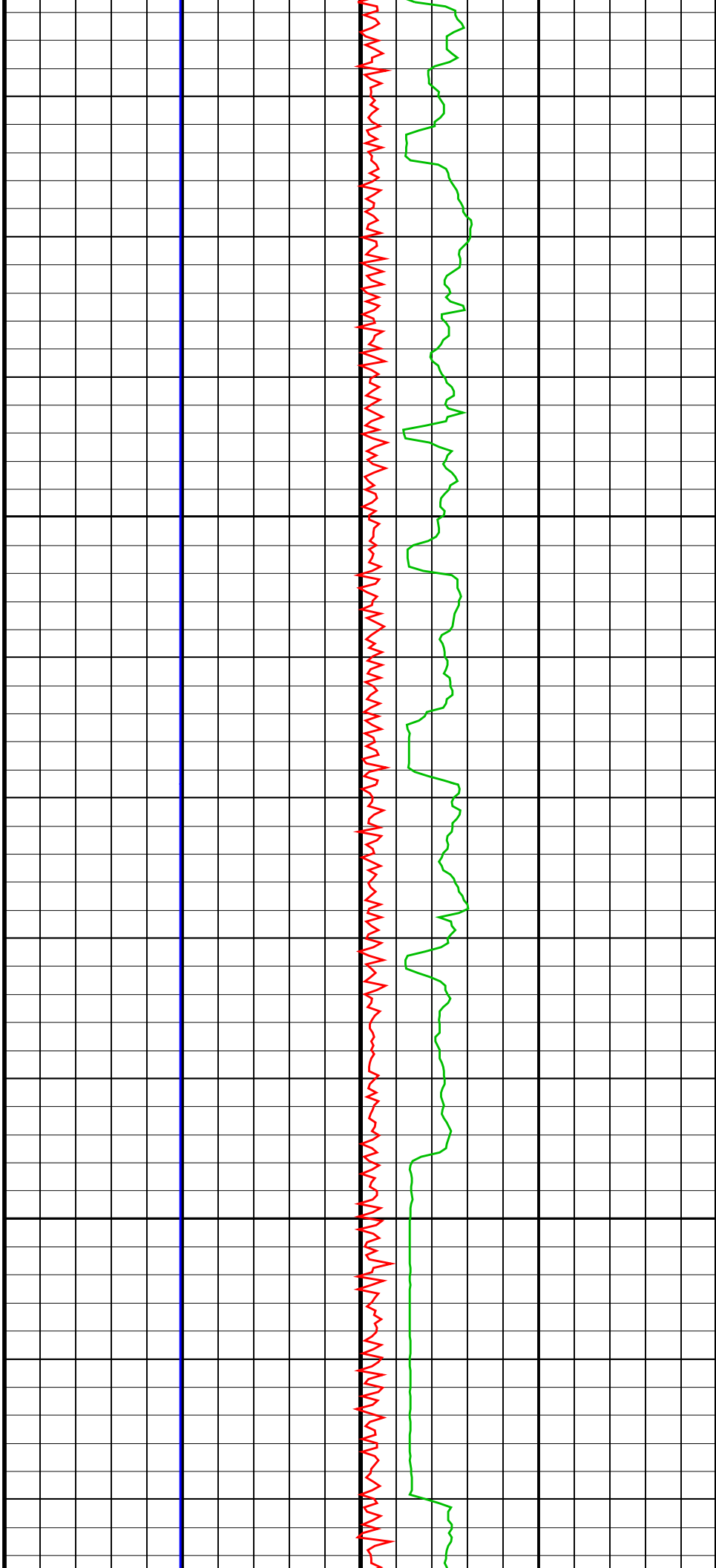
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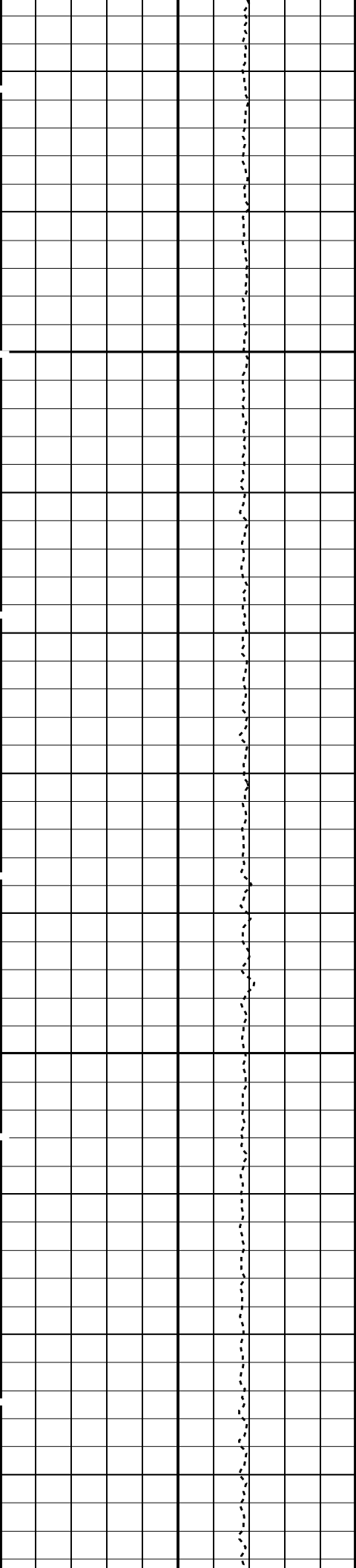




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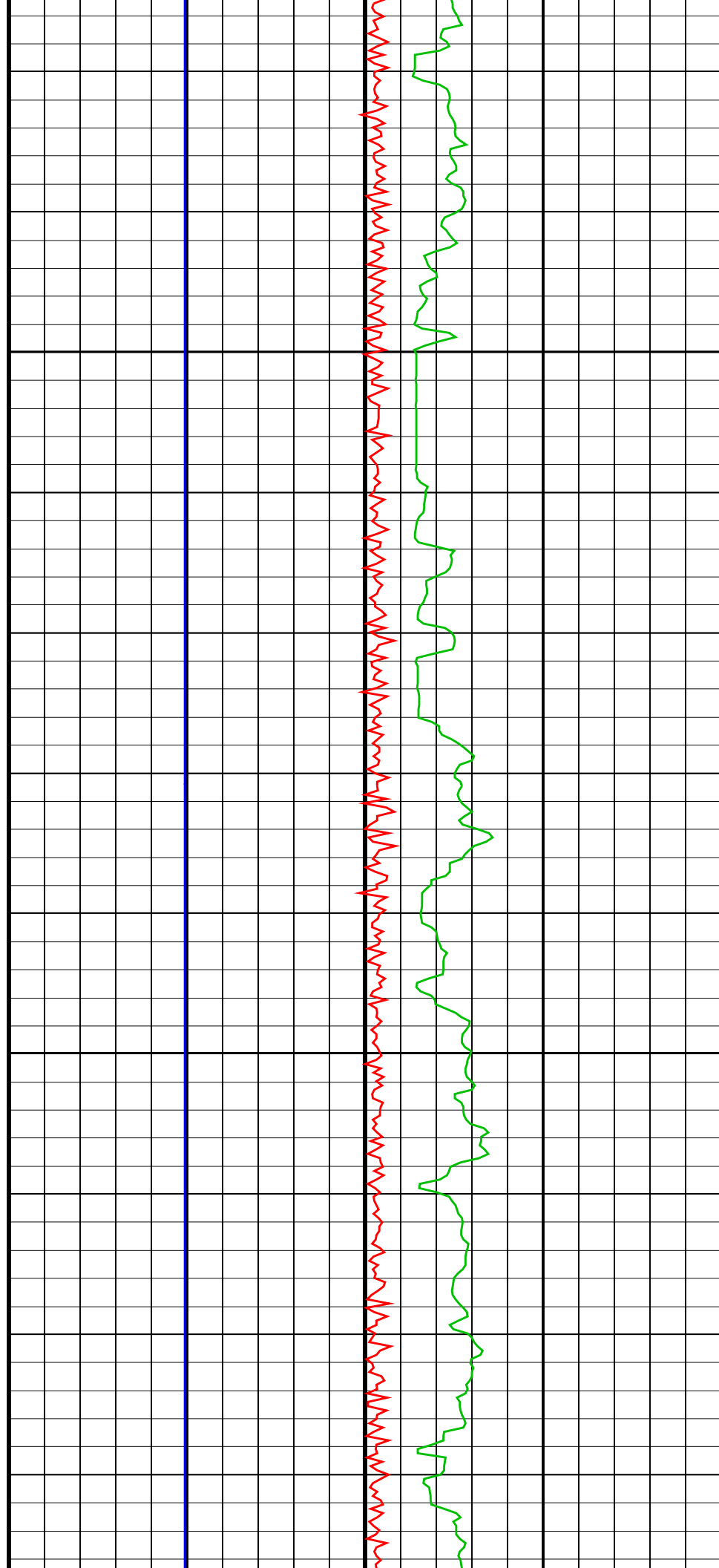
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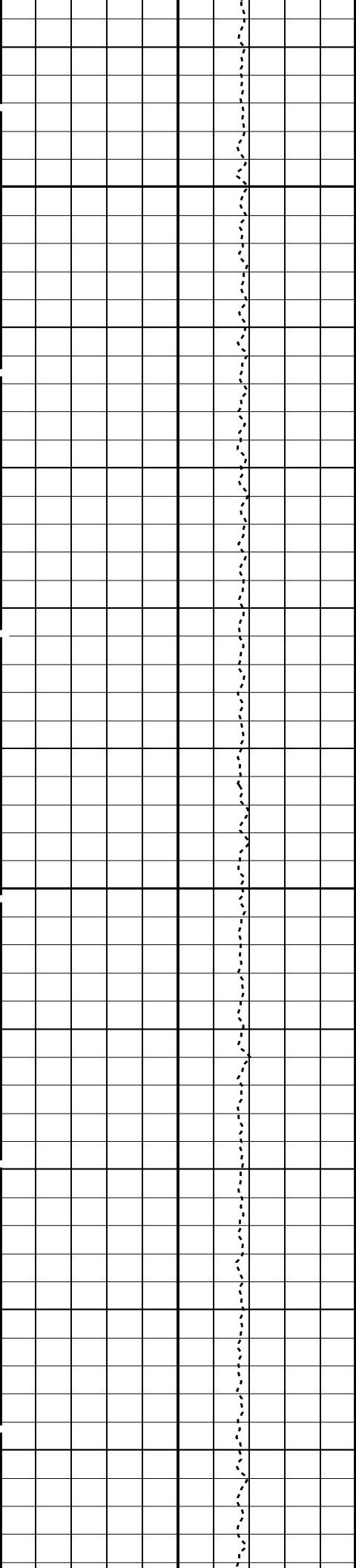




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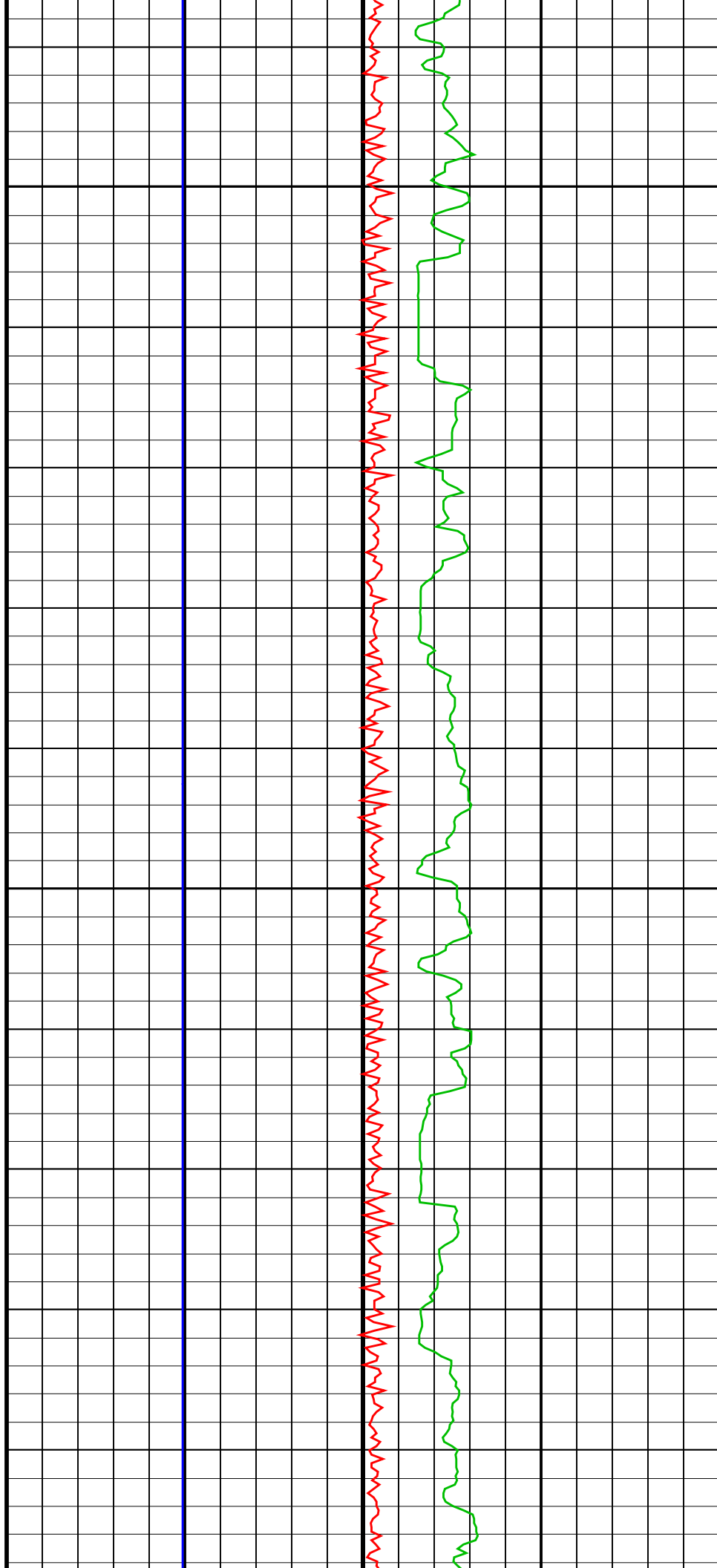
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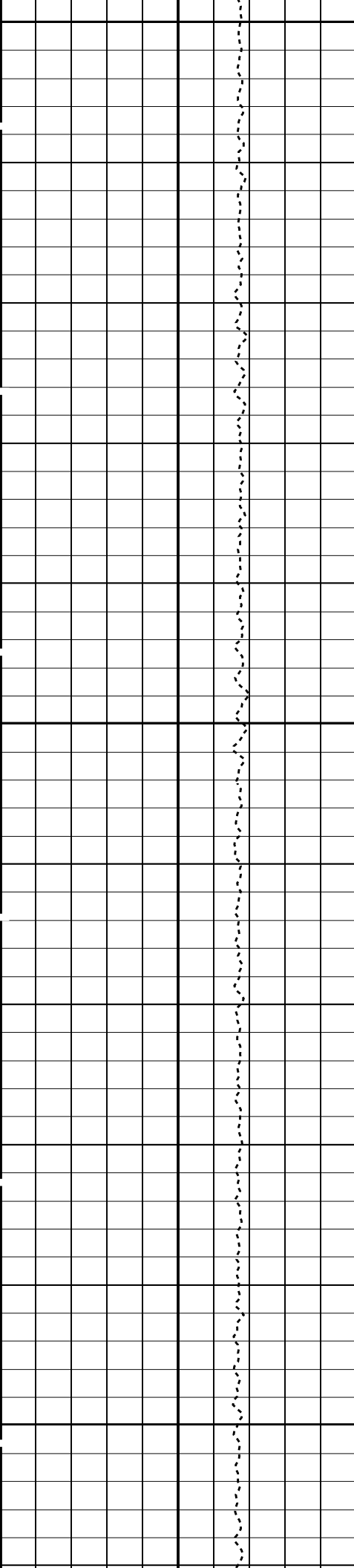




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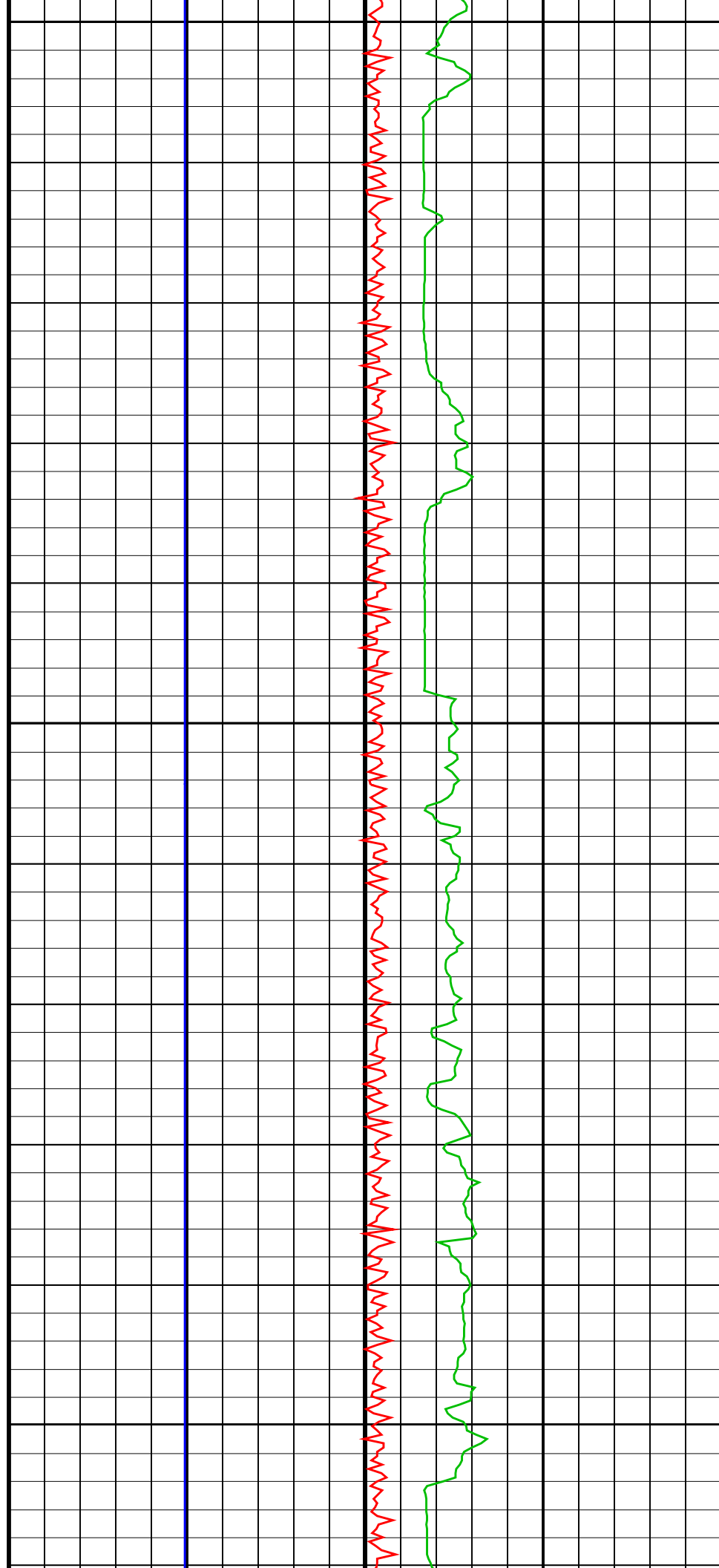


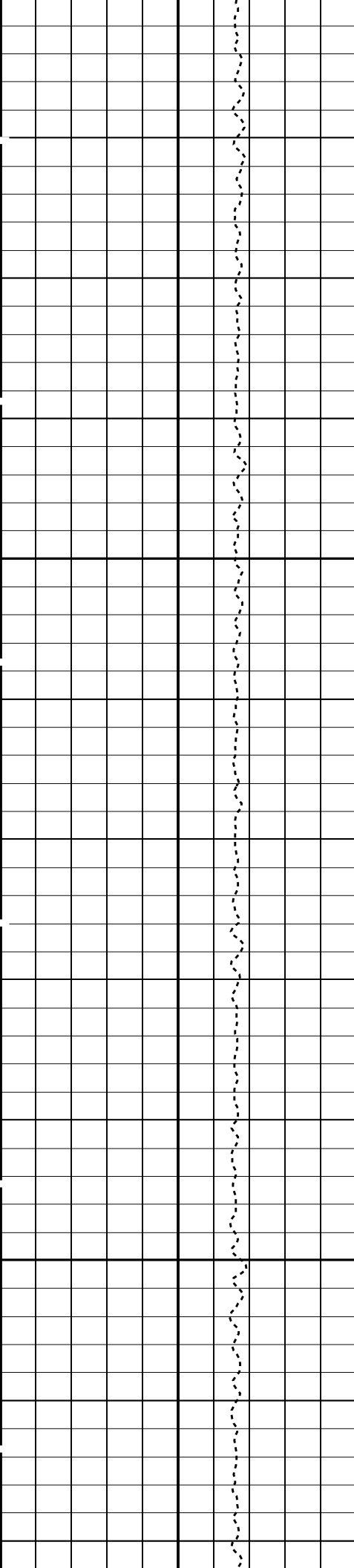


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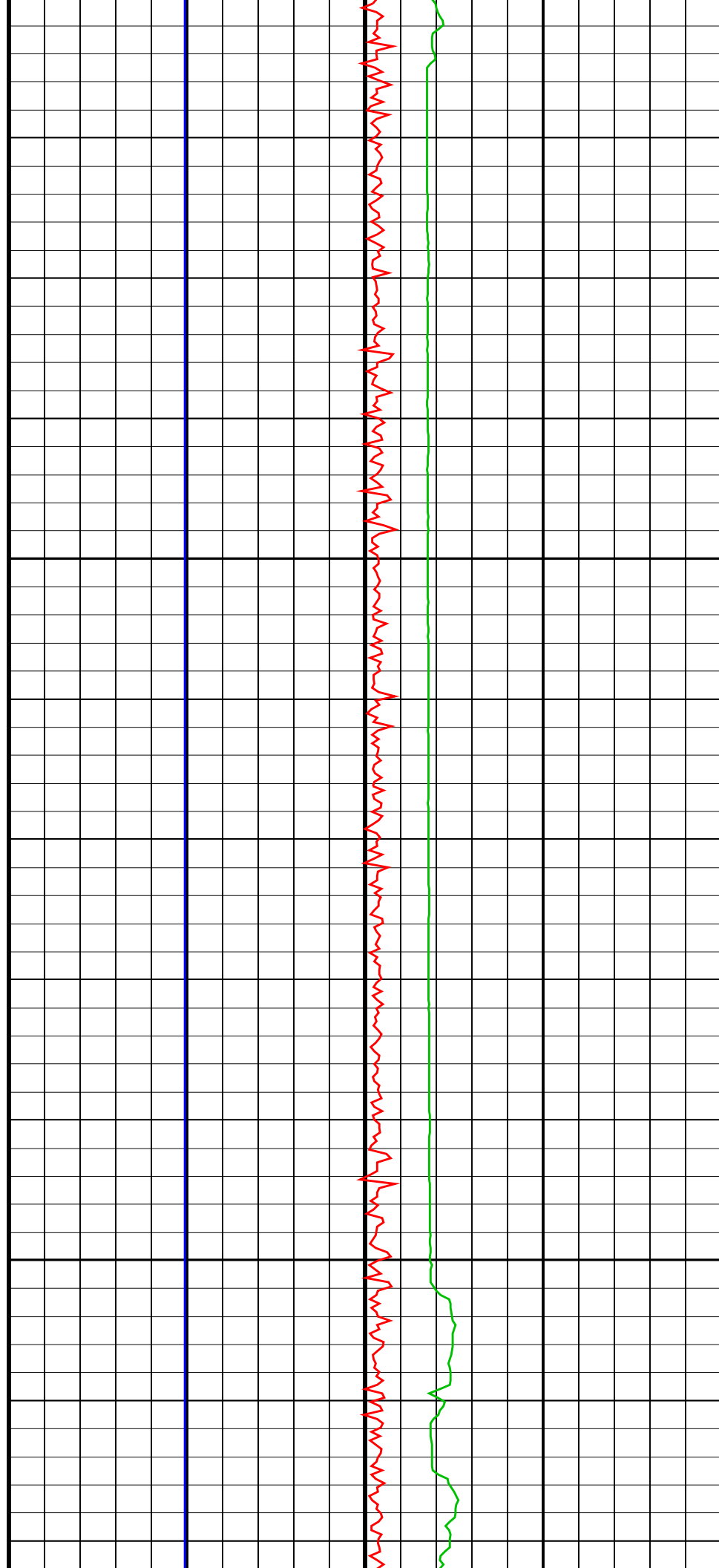
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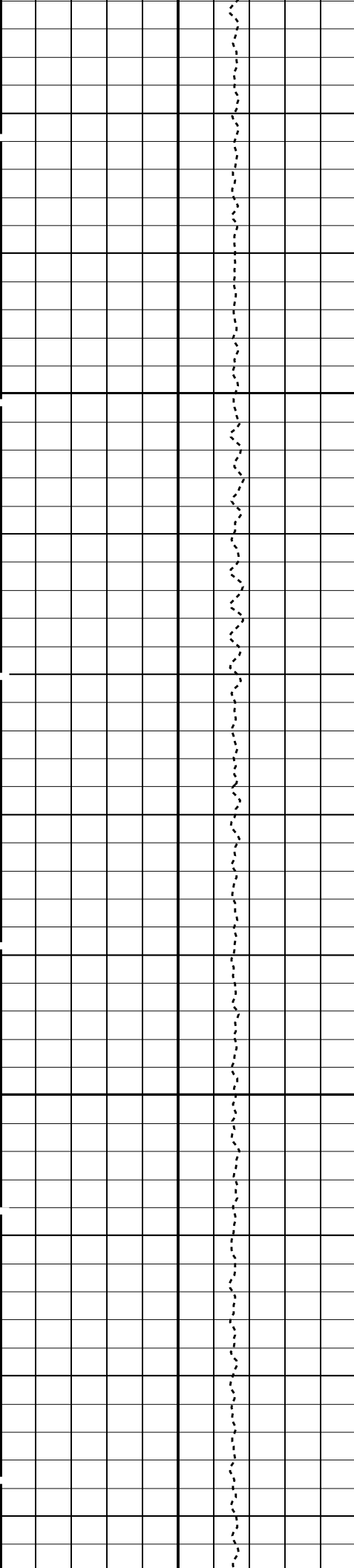




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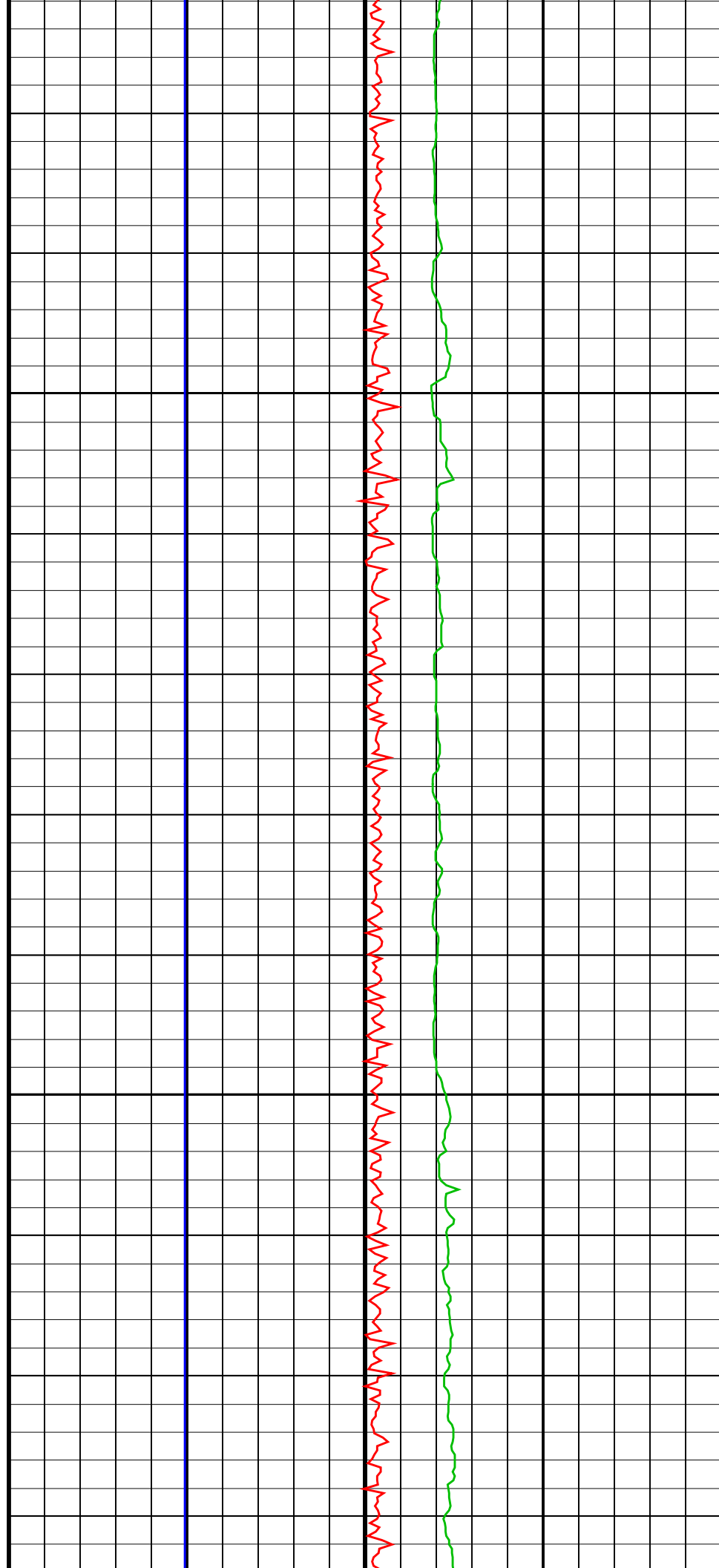
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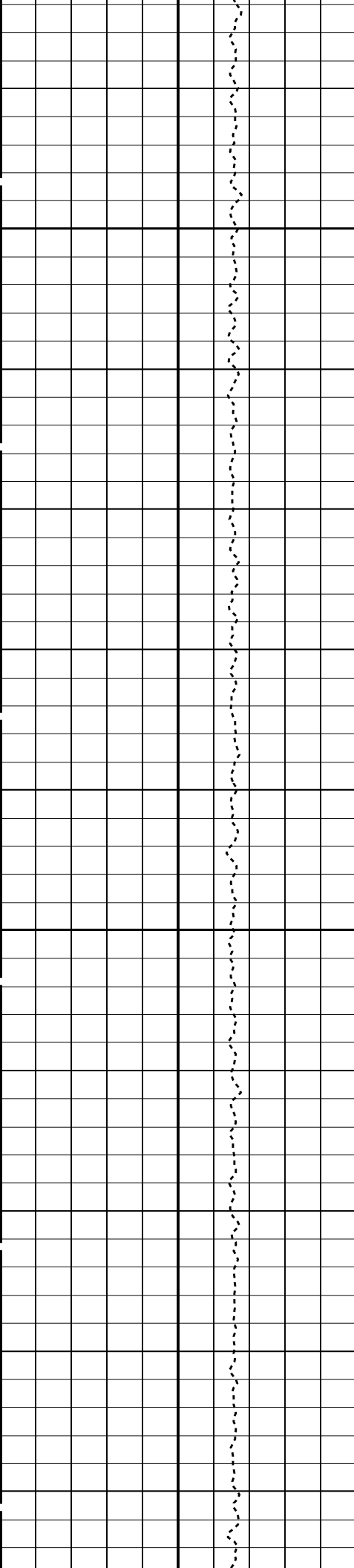




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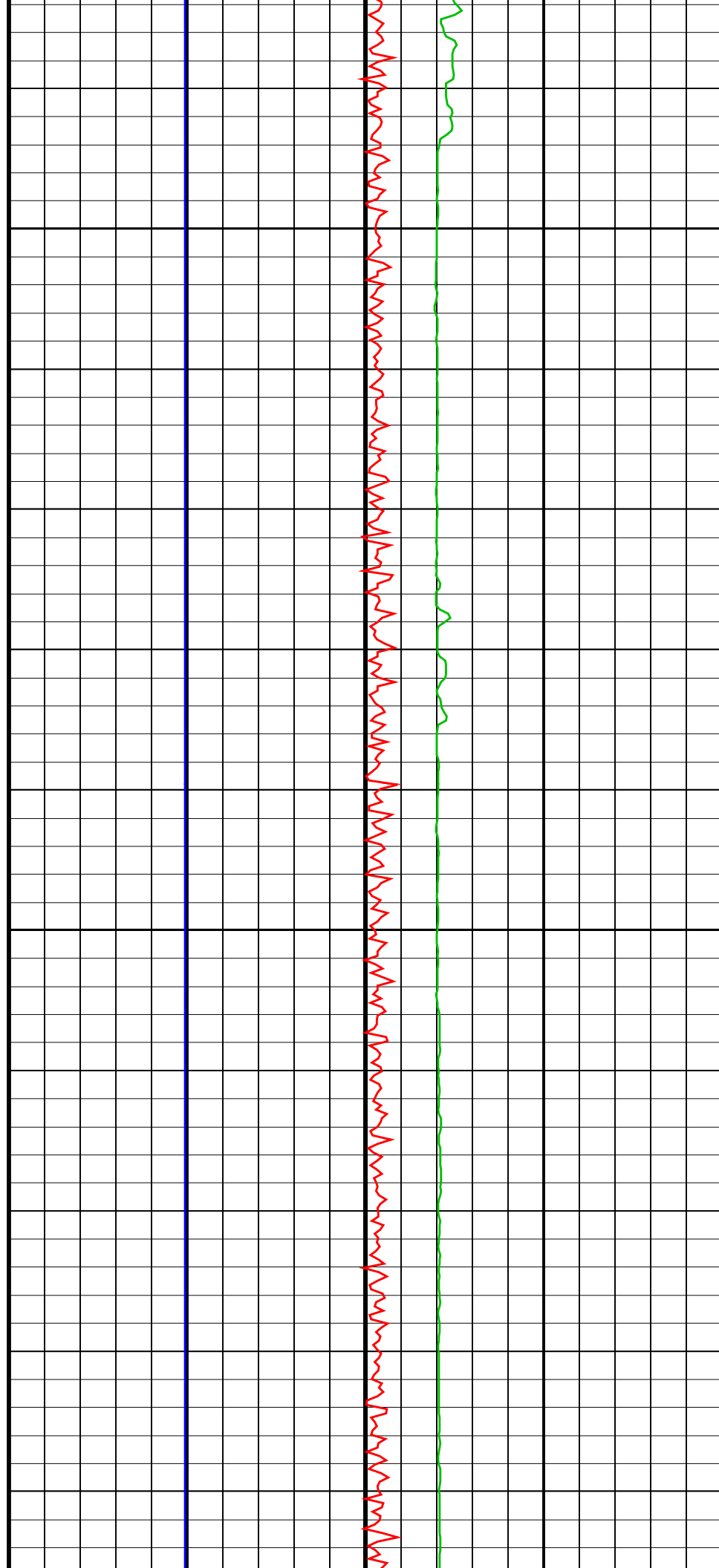
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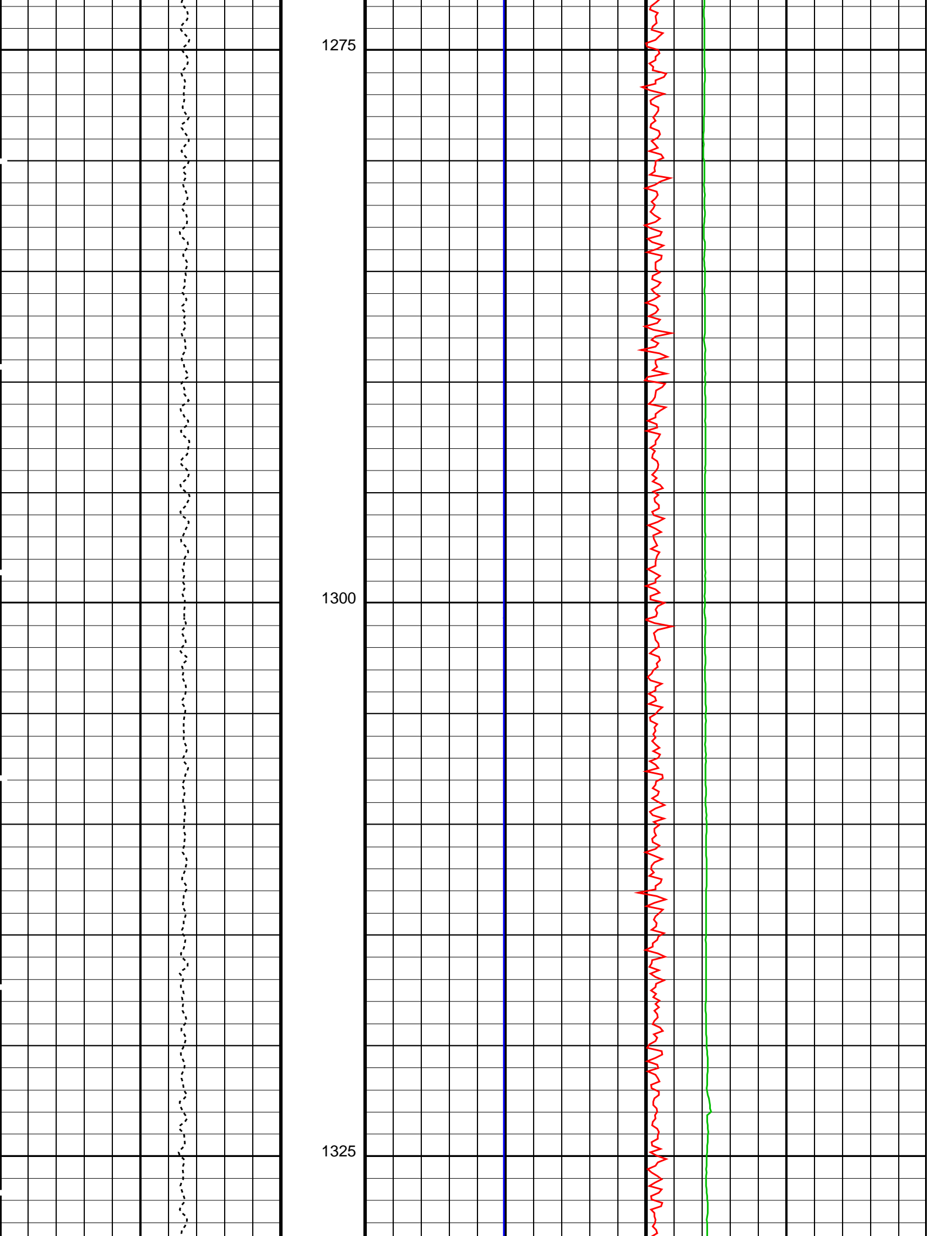


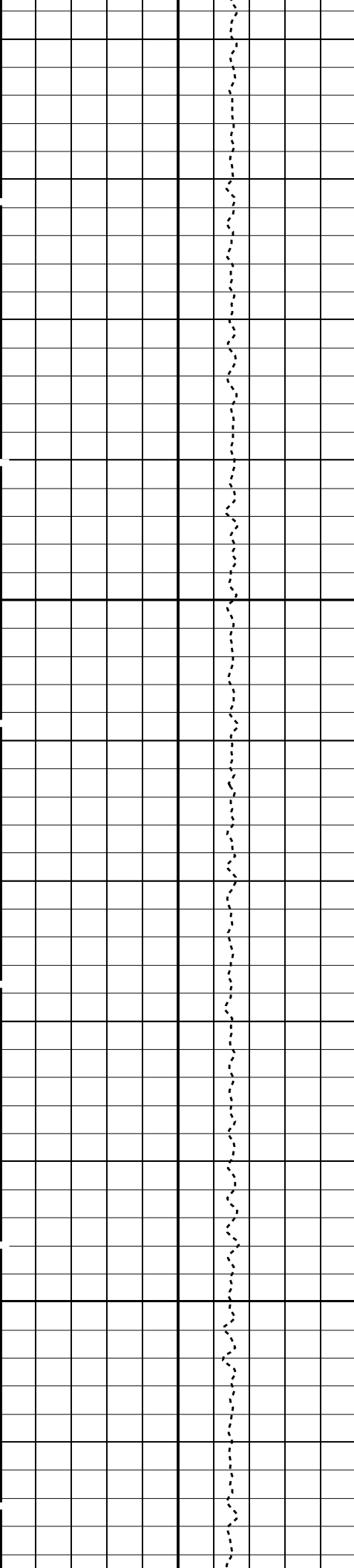


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1250

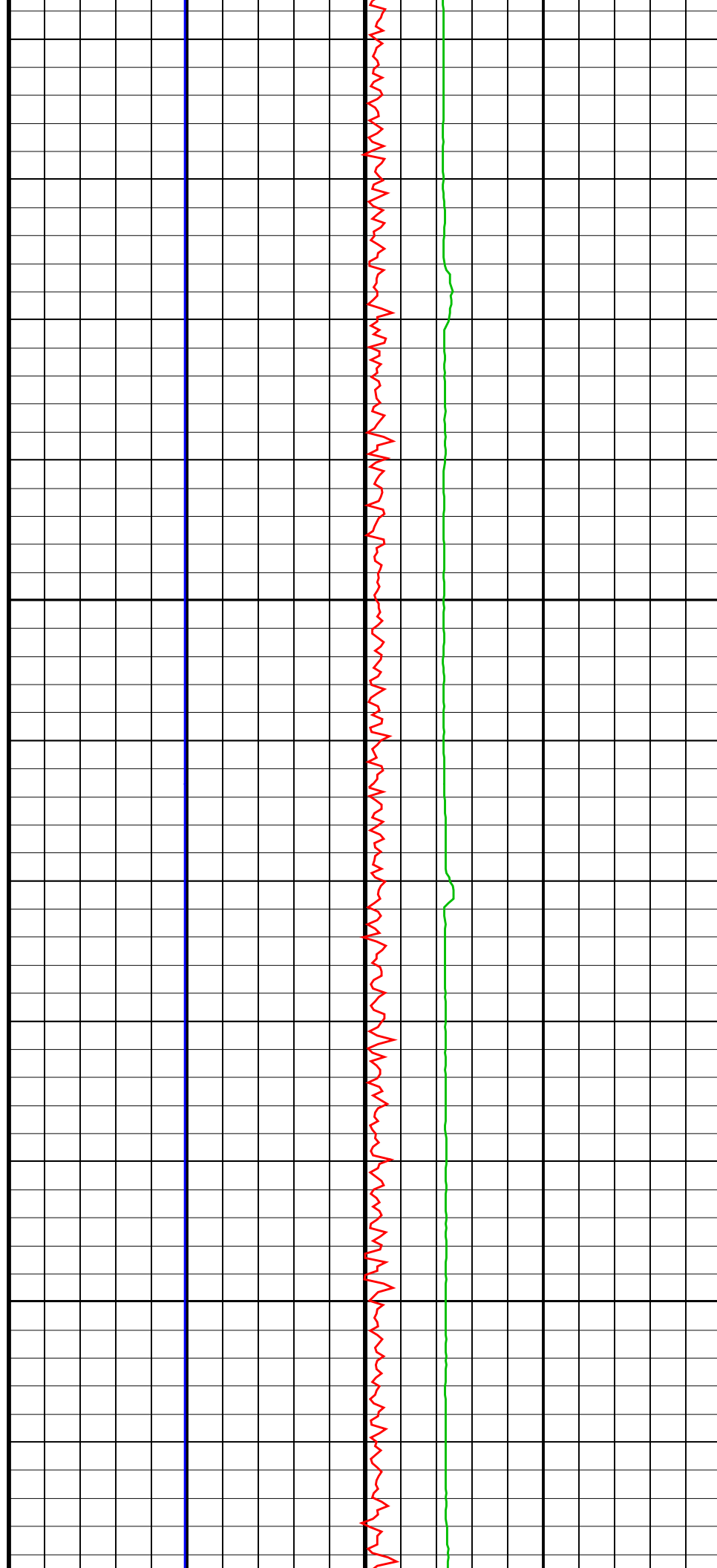


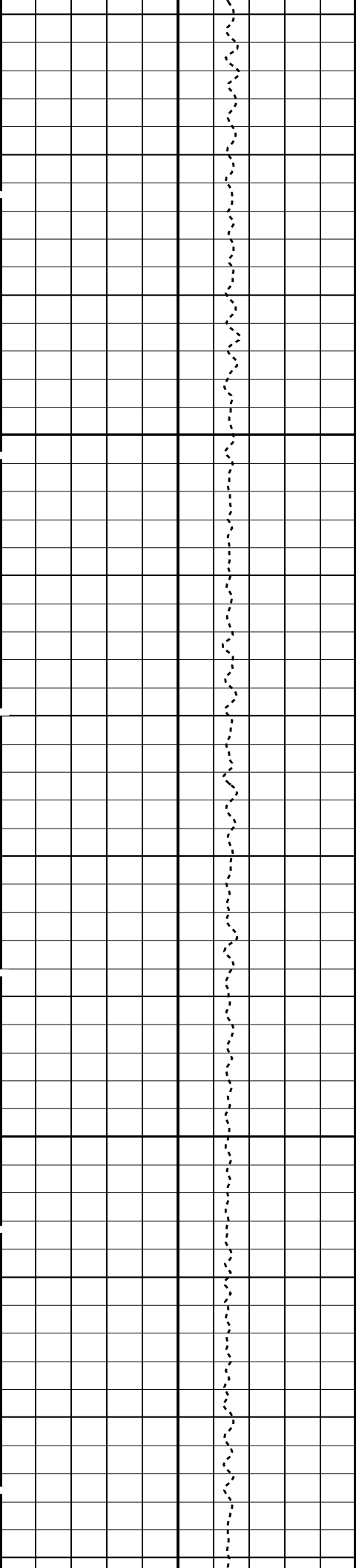




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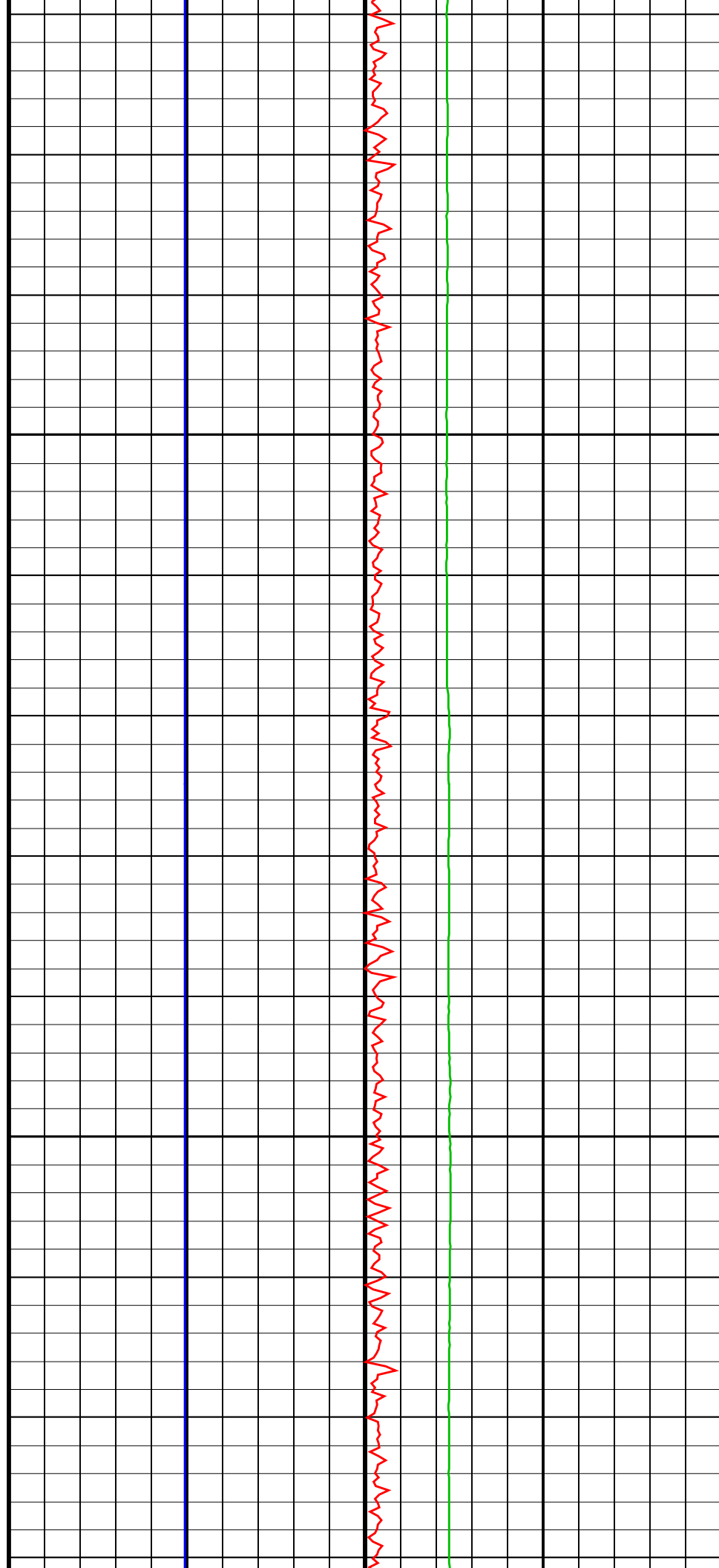
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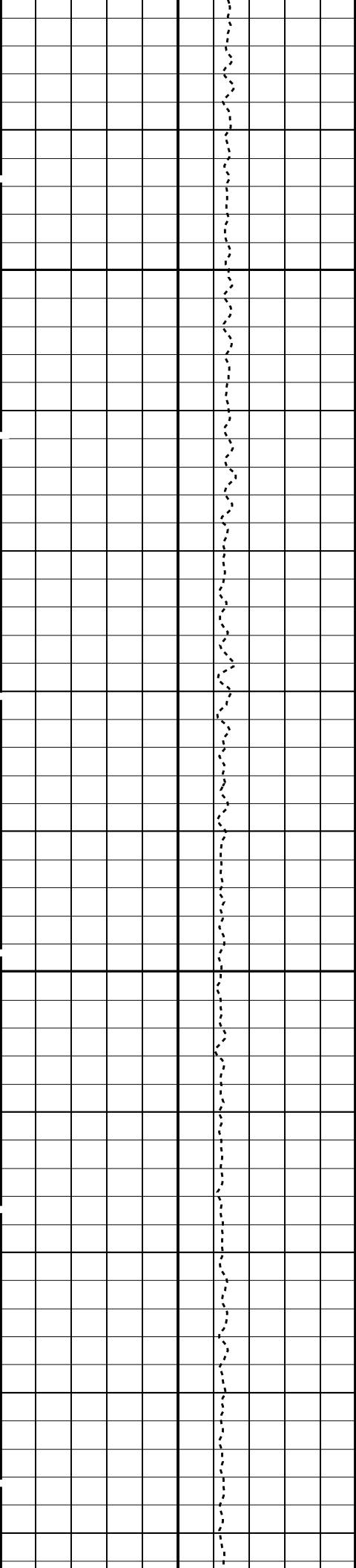




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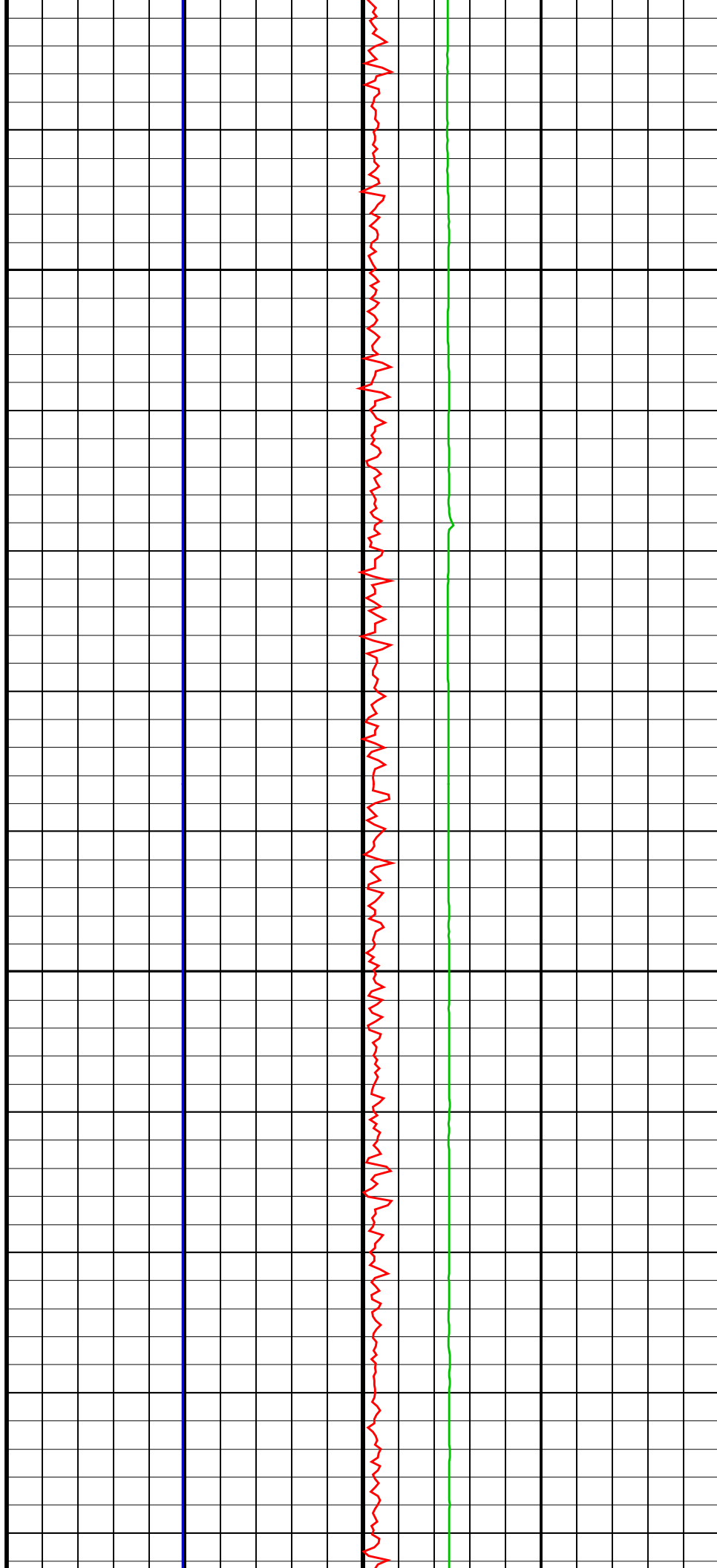
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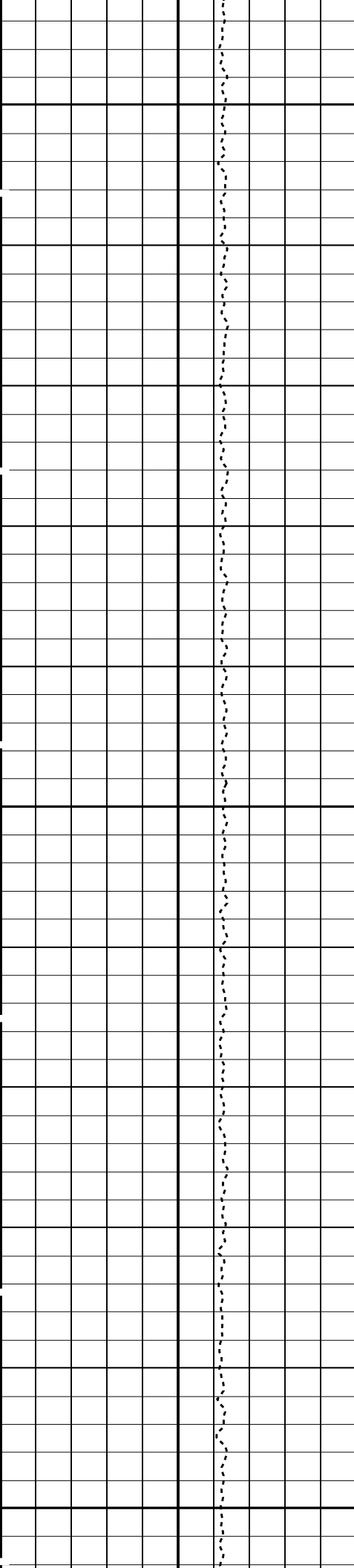




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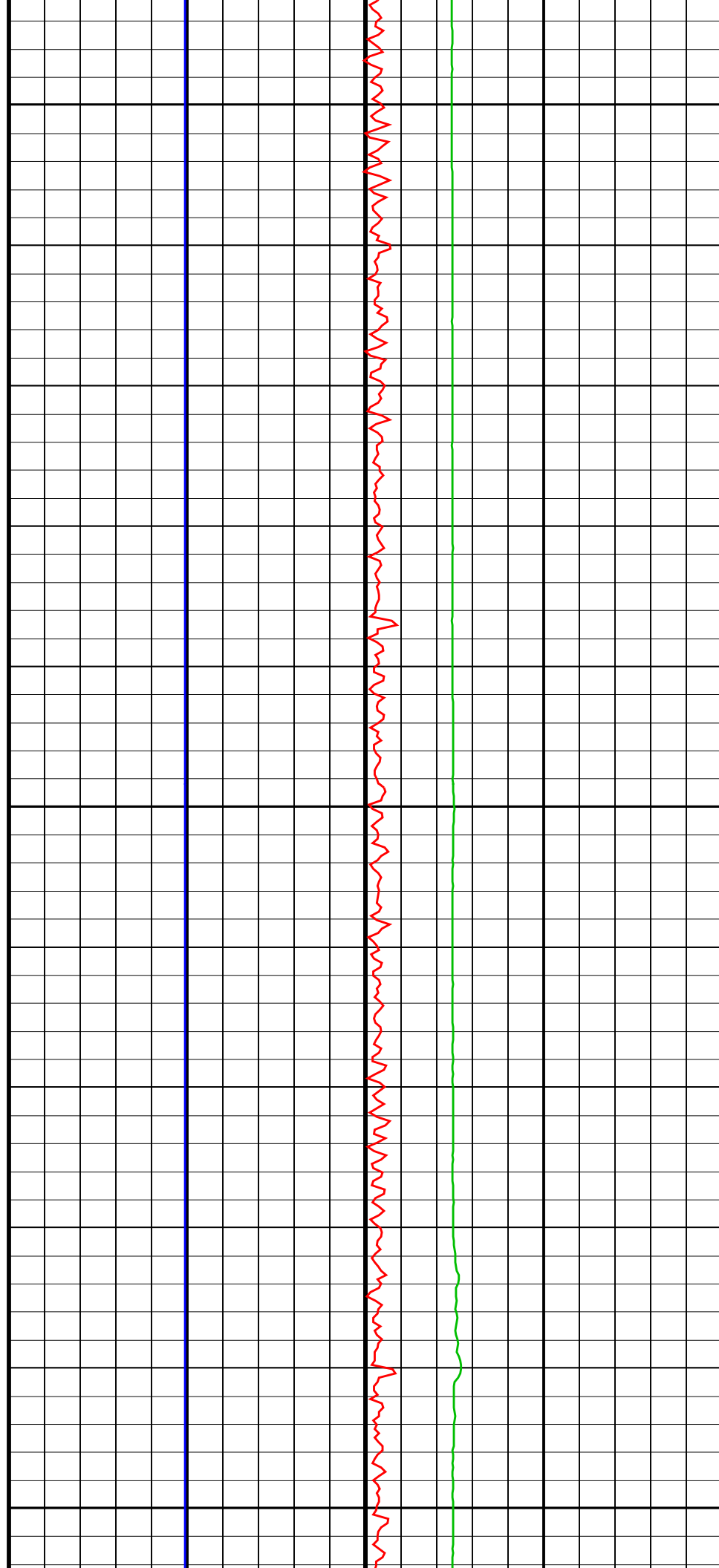


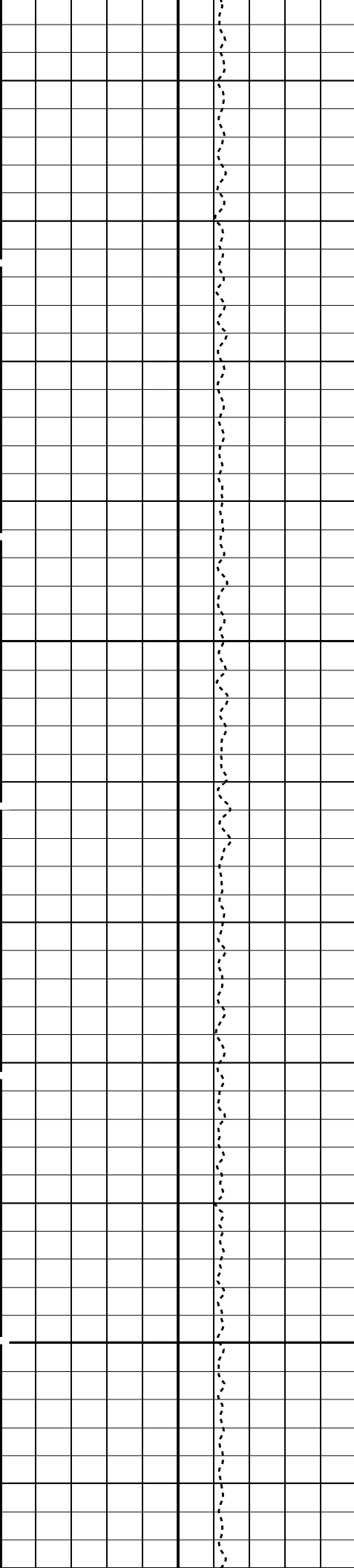


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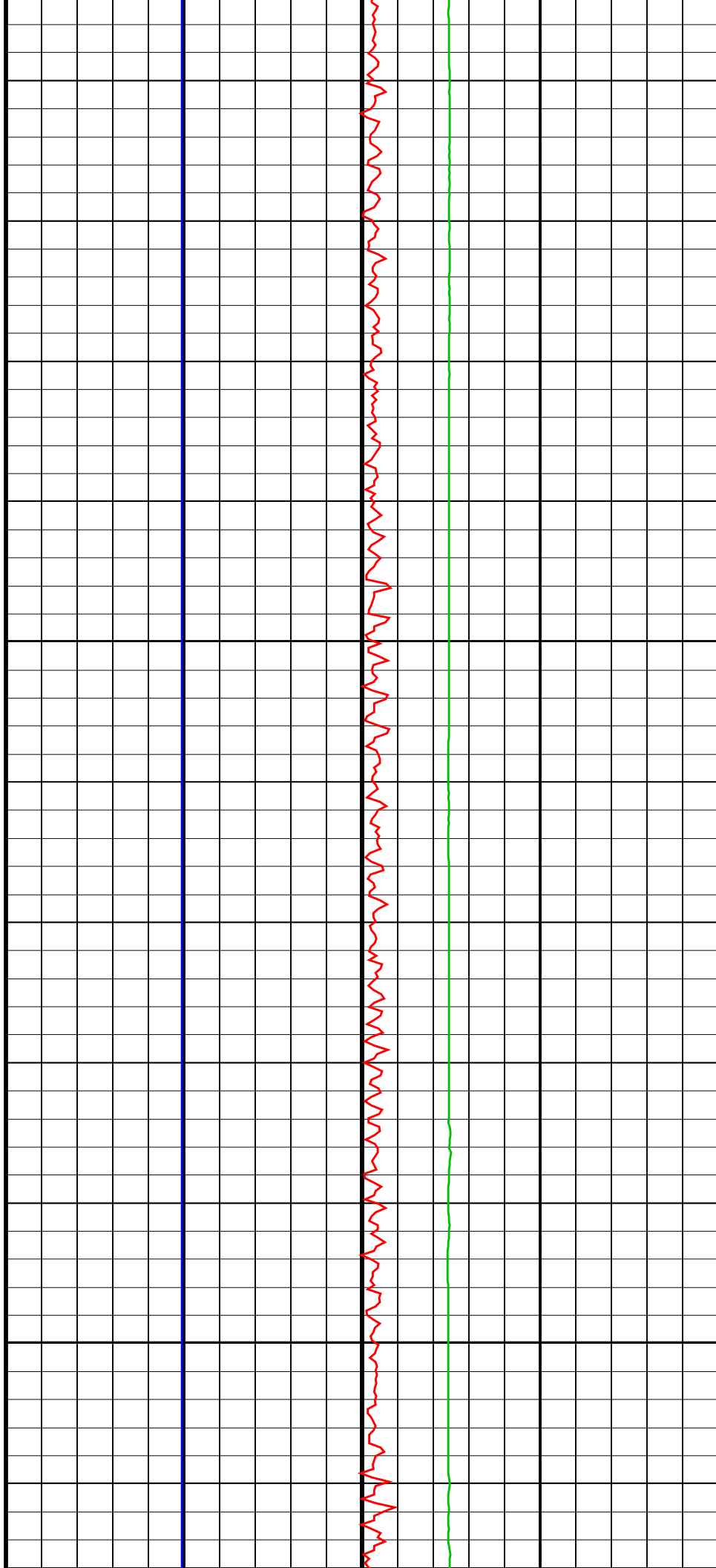
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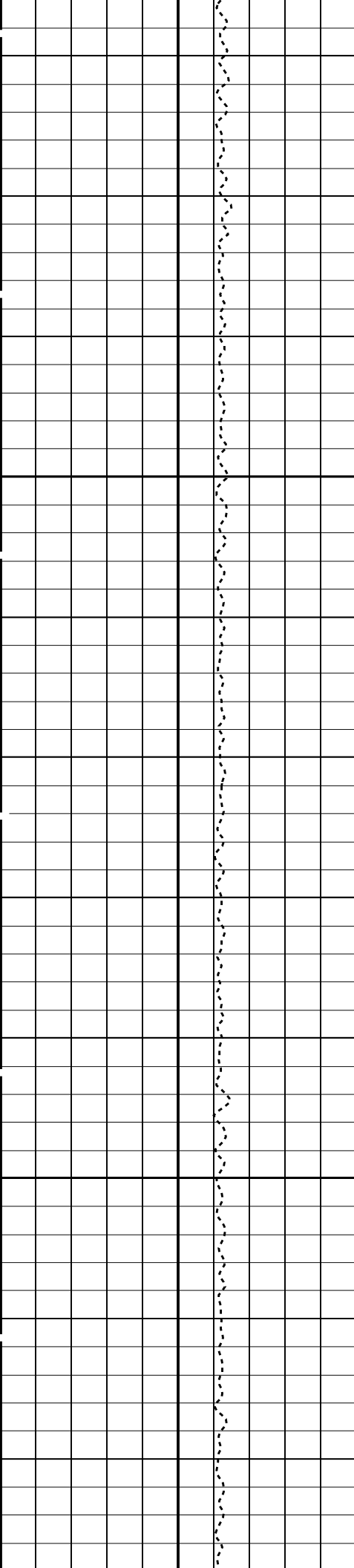




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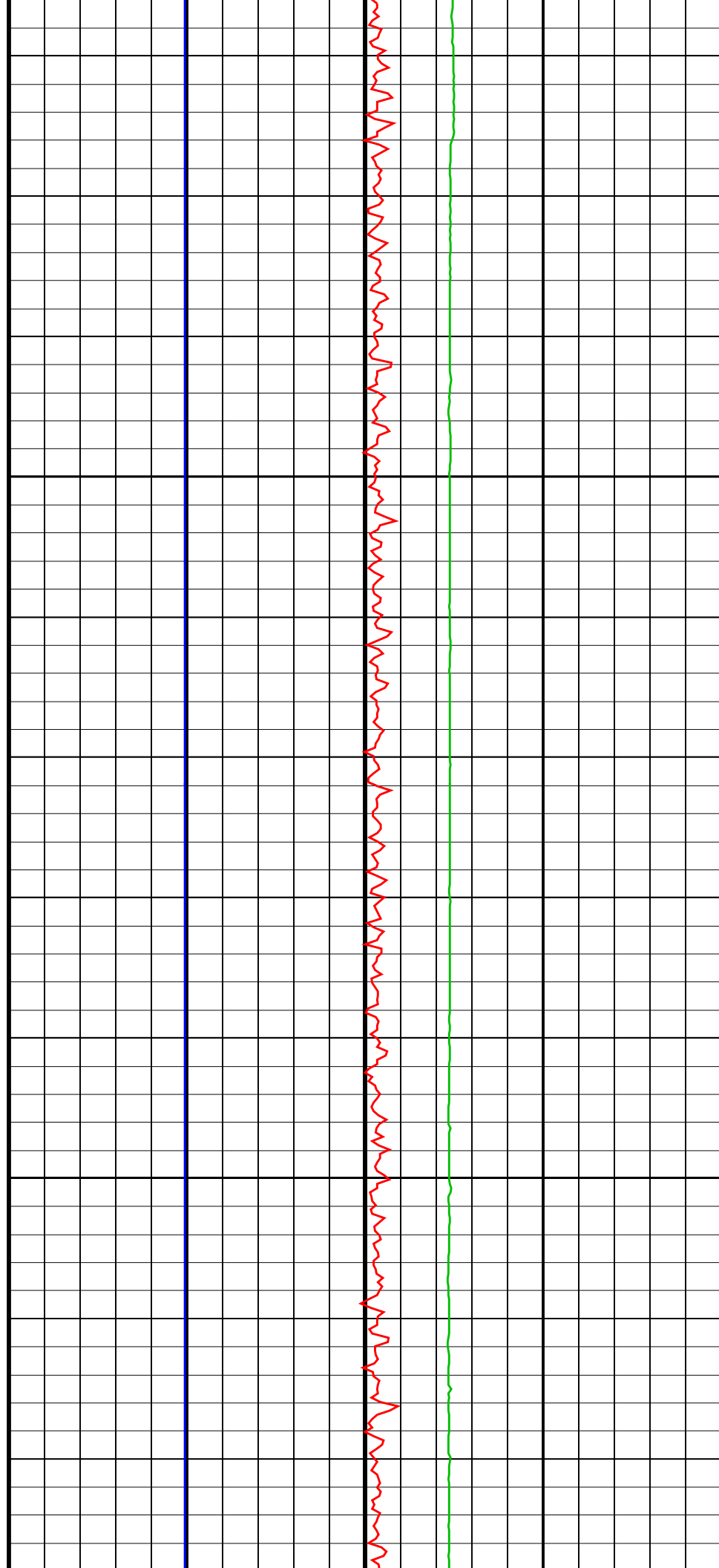
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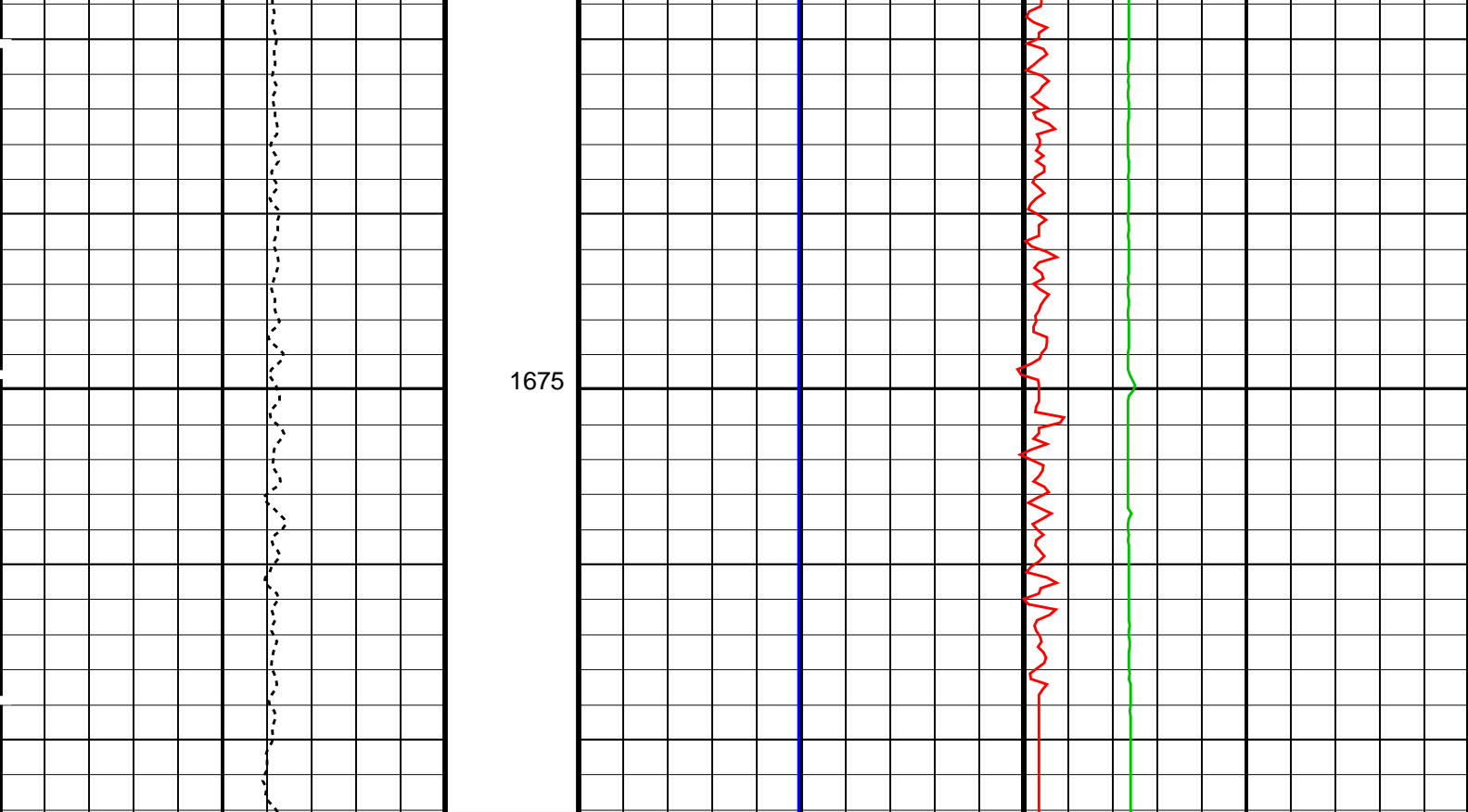




1625

1650





10000	Tension (TENS) (LBF)	0
0	Axial Acceleration (MSSZACC_LDEO) (M/S2)	20
-10000	High-Res Susceptibility (MSSHUSUS_LDEO) (PPM)	90000
-10000	Dual-Coil Susceptibility (MSSLUSUS_LDEO) (PPM)	90000

PIP SUMMARY

Time Mark Every 60 S

Format: MSS_Logging Vertical Scale: 1:200 Graphics File Created: 25-Sep-2023 06:29

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_009LUP FN:7 PRODUCER 25-Sep-2023 06:29

Schlumberger

Callibrations

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M01							
Before: 25-Sep-2023 2:32							
HRLT M0-M1 Voltage Plus – 0	0	N/A	-318.6	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 1	0	N/A	-330.0	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 2	0	N/A	-337.0	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 3	0	N/A	-327.4	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 4	0	N/A	-319.2	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 5	0	N/A	-320.7	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 6	0	N/A	319.5	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 7	0	N/A	-322.7	N/A	N/A	9.681	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M12							
Before: 25-Sep-2023 2:32							
HRLT M1-M2 Voltage Plus – 0	0	N/A	1736	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 1	0	N/A	1801	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 2	0	N/A	1834	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 3	0	N/A	1782	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 4	0	N/A	1739	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 5	0	N/A	1748	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 6	0	N/A	-1750	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 7	0	N/A	1781	N/A	N/A	53.42	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M23							
Before: 25-Sep-2023 2:32							
HRLT M2-M3 Voltage Plus – 0	0	N/A	1729	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus – 1	0	N/A	1803	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus – 2	0	N/A	1838	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus – 3	0	N/A	1791	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus – 4	0	N/A	1741	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus – 5	0	N/A	1752	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus – 6	0	N/A	-1741	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus – 7	0	N/A	1781	N/A	N/A	53.42	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT V34							
Before: 25-Sep-2023 2:32							
HRLT A3-A4 Voltage Plus – 0	0	N/A	68530	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus – 1	0	N/A	71340	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus – 2	0	N/A	73030	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus – 3	0	N/A	71380	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus – 4	0	N/A	69360	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus – 5	0	N/A	69800	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus – 6	0	N/A	-67940	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus – 7	0	N/A	70000	N/A	N/A	2100	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT V45							
Before: 25-Sep-2023 2:32							
HRLT A4-A5 Voltage Plus – 0	0	N/A	68610	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus – 1	0	N/A	71550	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus – 2	0	N/A	73220	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus – 3	0	N/A	71510	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus – 4	0	N/A	69470	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus – 5	0	N/A	69900	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus – 6	0	N/A	-68150	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus – 7	0	N/A	70000	N/A	N/A	2100	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT V56							
Before: 25-Sep-2023 2:32							
HRLT A5-A6 Voltage Plus – 0	0	N/A	68460	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus – 1	0	N/A	71390	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus – 2	0	N/A	73060	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus – 3	0	N/A	71390	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus – 4	0	N/A	69340	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus – 5	0	N/A	69760	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus – 6	0	N/A	-67990	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus – 7	0	N/A	70000	N/A	N/A	2100	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT VTP							
Before: 25-Sep-2023 2:32							
HRLT Torpedo-M0 Voltage – 0	0	N/A	-68020	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage – 1	0	N/A	-71200	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage – 2	0	N/A	-72910	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage – 3	0	N/A	-71290	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage – 4	0	N/A	-69310	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage – 5	0	N/A	-69740	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage – 6	0	N/A	67760	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage – 7	0	N/A	70000	N/A	N/A	2100	UV

HRLT Torpedo-M0 Voltage - 7								0	N/A	-70000	N/A	N/A	2100	UV
High Resolution Laterolog Array - B Wellsite Calibration - HRLT VBD														
Before: 25-Sep-2023 2:32														
HRLT Bridle#9-M0 Voltage - 0								0	N/A	-68060	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 1								0	N/A	-71300	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 2								0	N/A	-73000	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 3								0	N/A	-71380	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 4								0	N/A	-69360	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 5								0	N/A	-69780	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 6								0	N/A	67860	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 7								0	N/A	-70000	N/A	N/A	2100	UV

High Resolution Laterolog Array – B Wellsite Calibration – HRLT ISO							
Before: 25-Sep-2023 2:32							
HRLT Source Current Plus – 0	0	N/A	284.0	N/A	N/A	8.520	UA
HRLT Source Current Plus – 1	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus – 2	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus – 3	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus – 4	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus – 5	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus – 6	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus – 7	0	N/A	281.1	N/A	N/A	8.520	UA

High Resolution Laterolog Array – B Wellsite Calibration – HRLT MV								
Before: 25-Sep-2023 2:32								
HRLT Vertical Voltage PI – 0	0	N/A	–319.9	N/A	N/A	9.681	UV	
HRLT Vertical Voltage PI – 1	0	N/A	–323.5	N/A	N/A	9.681	UV	
HRLT Vertical Voltage PI – 2	0	N/A	–329.5	N/A	N/A	9.681	UV	
HRLT Vertical Voltage PI – 3	0	N/A	–318.8	N/A	N/A	9.681	UV	
HRLT Vertical Voltage PI – 4	0	N/A	–308.3	N/A	N/A	9.681	UV	
HRLT Vertical Voltage PI – 5	0	N/A	–324.7	N/A	N/A	9.681	UV	
HRLT Vertical Voltage PI – 6	0	N/A	325.4	N/A	N/A	9.681	UV	
HRLT Vertical Voltage PI – 7	0	N/A	–322.7	N/A	N/A	9.681	UV	

Hostile Litho-Density Sonde Wellsite Calibration – Background Measurement								
Master: Calibration out of date 17-Apr-2023 16:17 Before: 25-Sep-2023 2:41								
SS Cs Resolution Bkg	9.000	7.686	7.822	N/A	N/A	1.800	%	
LS Cs Resolution Bkg	9.000	8.041	8.062	N/A	N/A	1.800	%	
LSW1 Background	100.0	68.26	67.30	N/A	N/A	3.000	CPS	
LSW2 Background	100.0	60.94	60.62	N/A	N/A	3.000	CPS	
LSW3 Background	200.0	138.7	137.5	N/A	N/A	6.000	CPS	
LSW4 Background	250.0	175.2	170.0	N/A	N/A	7.500	CPS	
LSW5 Background	600.0	408.6	401.0	N/A	N/A	18.00	CPS	
SSW1 Background	100.0	65.23	63.95	N/A	N/A	3.000	CPS	
SSW2 Background	200.0	113.8	111.7	N/A	N/A	6.000	CPS	
SSW3 Background	500.0	315.9	314.4	N/A	N/A	15.00	CPS	
SSW4 Background	270.0	170.4	169.2	N/A	N/A	8.100	CPS	
SSW5 Background	200.0	123.7	121.4	N/A	N/A	6.000	CPS	

Hostile Litho-Density Sonde Wellsite Calibration – Aluminum Measurement								
Master: Calibration out of date 17-Apr-2023 16:44								
LSW1 Aluminum	600.0	389.1	N/A	N/A	N/A	N/A	CPS	
LSW2 Aluminum	900.0	572.5	N/A	N/A	N/A	N/A	CPS	
LSW3 Aluminum	1100	695.3	N/A	N/A	N/A	N/A	CPS	
LSW4 Aluminum	580.0	351.7	N/A	N/A	N/A	N/A	CPS	
LSW5 Aluminum	570.0	323.4	N/A	N/A	N/A	N/A	CPS	
SSW1 Aluminum	2800	1903	N/A	N/A	N/A	N/A	CPS	
SSW2 Aluminum	8000	5285	N/A	N/A	N/A	N/A	CPS	
SSW3 Aluminum	11600	7450	N/A	N/A	N/A	N/A	CPS	
SSW4 Aluminum	5000	2937	N/A	N/A	N/A	N/A	CPS	
SSW5 Aluminum	660.0	318.4	N/A	N/A	N/A	N/A	CPS	

Hostile Litho-Density Sonde Wellsite Calibration – Lithology Measurement								
Master: Calibration out of date 17-Apr-2023 16:39								
LSW1 Iron	400.0	275.0	N/A	N/A	N/A	N/A	CPS	
LSW2 Iron	730.0	472.8	N/A	N/A	N/A	N/A	CPS	
LSW3 Iron	1000	636.1	N/A	N/A	N/A	N/A	CPS	
LSW4 Iron	520.0	328.2	N/A	N/A	N/A	N/A	CPS	
LSW5 Iron	470.0	300.4	N/A	N/A	N/A	N/A	CPS	
SSW1 Iron	2100	1428	N/A	N/A	N/A	N/A	CPS	
SSW2 Iron	6800	4512	N/A	N/A	N/A	N/A	CPS	
SSW3 Iron	10800	6970	N/A	N/A	N/A	N/A	CPS	
SSW4 Iron	4600	2749	N/A	N/A	N/A	N/A	CPS	
SSW5 Iron	580.0	293.4	N/A	N/A	N/A	N/A	CPS	

Hostile Litho-Density Sonde Wellsite Calibration – Caliper Calibration							
Before: Calibration out of date 17-Apr-2023 15:57							
HLDS Caliper Small Ring	12.00	N/A	16.09	N/A	N/A	N/A	IN
HLDS Caliper Large Ring	15.19	N/A	20.11	N/A	N/A	N/A	IN

Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 1 Check

Master: Calibration out of date		19-Apr-2023 20:22	Before: Calibration out of date		13-Jun-2021 10:44			
Na 511 Peak Loc		40.00	38.56	39.64	N/A	N/A	1.000	
Na 511 Peak Res		15.50	16.82	14.84	N/A	N/A	2.000	%
High Voltage		1150	1206	1168	N/A	N/A	N/A	V
Na 1785 Peak Loc		142.6	139.2	143.3	N/A	N/A	7.000	
Na 1785 Peak Res		8.500	9.087	7.709	N/A	N/A	2.000	%
Temperature		15.50	26.64	11.69	N/A	N/A	N/A	DEGC
Na Count Rate		45.00	47.40	12.89	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 20:22	Before: Calibration out of date		13-Jun-2021 10:44			
Na 511 Peak Loc		40.00	39.72	39.51	N/A	N/A	1.000	
Na 511 Peak Res		15.50	15.41	15.27	N/A	N/A	2.000	%
High Voltage		1150	1089	1090	N/A	N/A	N/A	V
Na 1785 Peak Loc		142.6	142.9	140.8	N/A	N/A	7.000	
Na 1785 Peak Res		8.500	8.753	9.507	N/A	N/A	2.000	%
Temperature		15.50	25.53	12.30	N/A	N/A	N/A	DEGC
Na Count Rate		45.00	47.70	13.60	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 20:22	Before: Calibration out of date		13-Jun-2021 10:44			
Coincidence Count Rate Ratio		1.000	0.9913	0.9527	N/A	N/A	0.05000	
Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration								
Before: 31-Aug-2023 8:28								
EDTC Z-Axis Acceleration		9.810	N/A	9.844	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration								
Before: Calibration out of date		4-May-2022 21:10						
Gamma Ray (Jig – Bkg)		113.7	N/A	113.7	N/A	N/A	10.34	GAPI
Gamma Ray (Calibrated)		165.0	N/A	165.4	N/A	N/A	15.00	GAPI

High Resolution Laterolog Array – B / Equipment Identification

Primary Equipment:

HRLT Sonde

HRLS – B

768

Auxiliary Equipment:

HRLT lower Housing

HRLH – B

1869

HRLT Lower Cartridge

HRLC – B

1897

HRLT upper Housing









HRUH – B





975

HRLT Upper Cartridge









HRUC – B









964









High Resolution Laterolog Array – B Wellsite Calibration						
HRLT M01						
Idx	Phase	HRLT M0-M1 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-318.6	-322.7	-280.7	-379.7
1	Before		-330.0	-322.7	-280.7	-379.7
2	Before		-337.0	-322.7	-280.7	-379.7
3	Before		-327.4	-322.7	-280.7	-379.7
4	Before		-319.2	-322.7	-280.7	-379.7
5	Before		-320.7	-322.7	-280.7	-379.7
6	Before		319.5	322.7	379.7	280.7
7	Before		-322.7	-322.7	-280.7	-379.7
		(Minimum) (Nominal) (Maximum)				
Before: 25-Sep-2023 2:32						






High Resolution Laterolog Array – B Wellsite Calibration						
HRLT M12						
Idx	Phase	HRLT M1-M2 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1736	1781	2095	1549
1	Before		1801	1781	2095	1549
2	Before		1834	1781	2095	1549
3	Before		1782	1781	2095	1549




High Resolution Laterolog Array – B Wellsite Calibration

HRLT V56						
Idx	Phase	HRLT A5–A6 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68460	70000	82360	60900
1	Before		71390	70000	82360	60900
2	Before		73060	70000	82360	60900
3	Before		71390	70000	82360	60900
4	Before		69340	70000	82360	60900
5	Before		69760	70000	82360	60900
6	Before		-67990	-70000	-60900	-82360
7	Before		70000	70000	82360	60900
(Minimum) (Nominal) (Maximum)						
Before: 25–Sep–2023 2:32						









High Resolution Laterolog Array – B Wellsite Calibration						
HRLT VTP						
Idx	Phase	HRLT Torpedo–M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-68020	-70000	-60900	-82360
1	Before		-71200	-70000	-60900	-82360
2	Before		-72910	-70000	-60900	-82360
3	Before		-71290	-70000	-60900	-82360
4	Before		-69310	-70000	-60900	-82360
5	Before		-69740	-70000	-60900	-82360
6	Before		67760	70000	82360	60900
7	Before		-70000	-70000	-60900	-82360
(Minimum) (Nominal) (Maximum)						
Before: 25–Sep–2023 2:32						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT VBD						
Idx	Phase	HRLT Bridle#9–M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-68060	-70000	-60900	-82360
1	Before		-71300	-70000	-60900	-82360
2	Before		-73000	-70000	-60900	-82360
3	Before		-71380	-70000	-60900	-82360
4	Before		-69360	-70000	-60900	-82360
5	Before		-69780	-70000	-60900	-82360
6	Before		67860	70000	82360	60900
7	Before		-70000	-70000	-60900	-82360
(Minimum) (Nominal) (Maximum)						
Before: 25–Sep–2023 2:32						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT ISO						
Idx	Phase	HRLT Source Current Plus UA	Value	Nominal	Maximum	Minimum
0	Before		284.0	284.0	334.1	247.0
1	Before		281.1	281.1	330.7	244.4
2	Before		281.1	281.1	330.7	244.4
3	Before		281.1	281.1	330.7	244.4
4	Before		281.1	281.1	330.7	244.4

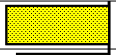

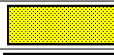















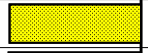
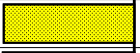
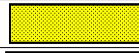
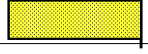
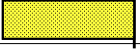

5	Before		281.1	281.1	330.7	244.4
6	Before		281.1	281.1	330.7	244.4
7	Before		281.1	281.1	330.7	244.4
(Minimum) (Nominal) (Maximum)						

Before: 25-Sep-2023 2:32

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT MV						
Idx	Phase	HRLT Vertical Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-319.9	-322.7	-280.7	-379.7
1	Before		-323.5	-322.7	-280.7	-379.7
2	Before		-329.5	-322.7	-280.7	-379.7
3	Before		-318.8	-322.7	-280.7	-379.7
4	Before		-308.3	-322.7	-280.7	-379.7
5	Before		-324.7	-322.7	-280.7	-379.7
6	Before		325.4	322.7	379.7	280.7
7	Before		-322.7	-322.7	-280.7	-379.7
(Minimum) (Nominal) (Maximum)						

Before: 25-Sep-2023 2:32

Hostile Litho-Density Sonde / Equipment Identification		
Primary Equipment:		
Gamma Source Radioactive	GSR – ZA	2945
Hostile Litho Density Sonde	HLDS – D	77
Hostile Litho Density High Voltage	HLDV – D	67
Auxiliary Equipment:		
Hostile Litho Density High Voltage Housi	HEH – H	67
Hostile Litho Density Pad	HLDP – C	83

Hostile Litho-Density Sonde Wellsite Calibration								
Background Measurement								
Phase	SS Cs Resolution Bkg %	Value	Phase	LS Cs Resolution Bkg %	Value	Phase	LSW1 Background CPS	Value
Master		7.686	Master		8.041	Master		68.26
Before		7.822	Before		8.062	Before		67.30
7.000 (Minimum) 9.000 (Nominal) 11.00 (Maximum)			7.000 (Minimum) 9.000 (Nominal) 11.00 (Maximum)			55.00 (Minimum) 100.0 (Nominal) 150.0 (Maximum)		
Phase	LSW2 Background CPS	Value	Phase	LSW3 Background CPS	Value	Phase	LSW4 Background CPS	Value
Master		60.94	Master		138.7	Master		175.2
Before		60.62	Before		137.5	Before		170.0
50.00 (Minimum) 100.0 (Nominal) 140.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 290.0 (Maximum)			140.0 (Minimum) 250.0 (Nominal) 360.0 (Maximum)		
Phase	LSW5 Background CPS	Value	Phase	SSW1 Background CPS	Value	Phase	SSW2 Background CPS	Value
Master		408.6	Master		65.23	Master		113.8
Before		401.0	Before		63.95	Before		111.7
330.0 (Minimum) 600.0 (Nominal) 830.0 (Maximum)			55.00 (Minimum) 100.0 (Nominal) 150.0 (Maximum)			100.0 (Minimum) 200.0 (Nominal) 260.0 (Maximum)		
Phase	SSW3 Background CPS	Value	Phase	SSW4 Background CPS	Value	Phase	SSW5 Background CPS	Value
Master		315.9	Master		170.4	Master		123.7
Before		314.4	Before		169.2	Before		121.4
280.0 (Minimum) 500.0 (Nominal) 700.0 (Maximum)			150.0 (Minimum) 270.0 (Nominal) 380.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 270.0 (Maximum)		

Master: Calibration out of date 17-Apr-2023 16:17 Before: 25-Sep-2023 2:41

Litho–Density Spectroscopy Cartridge – B / Equipment Identification

Primary Equipment:

LDSC Cartridge

LDSC – B

295

Auxiliary Equipment:

LDSC Housing

LDSH – A

333

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













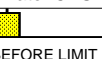
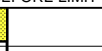
Phase	Na 511 Peak Loc		Value	Phase	Na 511 Peak Res %		Value	Phase	High Voltage V		Value	
Master	<div><div></div></div>		38.56	Master	<div><div></div></div>		16.82	Master	<div><div></div></div>		1206	
Before	<div><div></div></div>		39.64	Before	<div><div></div></div>		14.84	Before	<div><div></div></div>		1168	
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>		143.3	Before	<div><div></div></div>		7.709	Before	<div><div></div></div>		11.69	
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>		12.89									
10.00 (Minimum)			45.00 (Nominal)									100.0 (Maximum)



Master: Calibration out of date 19–Apr–2023 20:22

Before: Calibration out of date 13–Jun–2021 10:44

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			39.51	Before			15.27	Before			1090	
37.50 (Minimum)			40.00 (Nominal)	43.50 (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			140.8	Before			9.507	Before			12.30	
135.0 (Minimum)			142.6 (Nominal)	150.3 (Maximum)				-28.89 (Minimum)			15.50 (Nominal)	60.00 (Maximum)
Phase	Na Count Rate CPS		Value									
Master			47.70									
Before			13.60									
10.00 (Minimum)			45.00 (Nominal)									100.0 (Maximum)

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		0.9913
Before		0.9527
	0.9500 (Minimum) 1.000 (Nominal) 1.050 (Maximum)	
Master: Calibration out of date 19-Apr-2023 20:22		
Before: Calibration out of date 13-Jun-2021 10:44		

Enhanced DTS Cartridge / Equipment Identification

Primary Equipment:


EDTC Gamma Ray Detector
Enhanced DTS Cartridge




EDTG – A/B 79159
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		9.844
	9.610 (Minimum) 9.810 (Nominal) 10.01 (Maximum)	
Before: 31-Aug-2023 8:28		

Enhanced DTS Cartridge Wellsite Calibration											
Detector Calibration											
Phase	Gamma Ray Background GAPI		Value	Phase	Gamma Ray (Jig – Bkg) GAPI		Value	Phase	Gamma Ray (Calibrated) GAPI		Value
Before			1.417	Before			113.7	Before			165.4
	0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)		103.4 (Minimum)	113.7 (Nominal)	124.1 (Maximum)		150.0 (Minimum)	165.0 (Nominal)	180.0 (Maximum)
Before: Calibration out of date 4–May–2022 21:10											

Company: International Ocean Discovery Program

Schlumberger

Well: Expedition 400, Site U1607A

Field: NW Greenland Glaciated Margin

Rig: JOIDES Resolution

Country: Greenland

HNGS, HLDS, HRLA, DSI, MSS

Gamma, Density, Resistivity, Sonic, Mag