



GEOFRAME  
PROCESSED  
INTERPRETATION

# Spikey Beach-1

## sonicVISION Processing

Run 2 : 805m – 2070m (1/200)

\* A Mark of Schlumberger

Using the following logs: sonicVISION  
ARC-ADN

COMPANY: Beach Petroleum Ltd  
WELL: Spikey Beach-1  
FIELD: T38  
County  
State Tasmania  
COUNTRY: Australia  
Date Logged: 12-Sep-2009 Date Processed: 14-Sep-2009  
Well Location: Exploration  
Elevations: KB: DF: GL:  
API Number: Job Number:

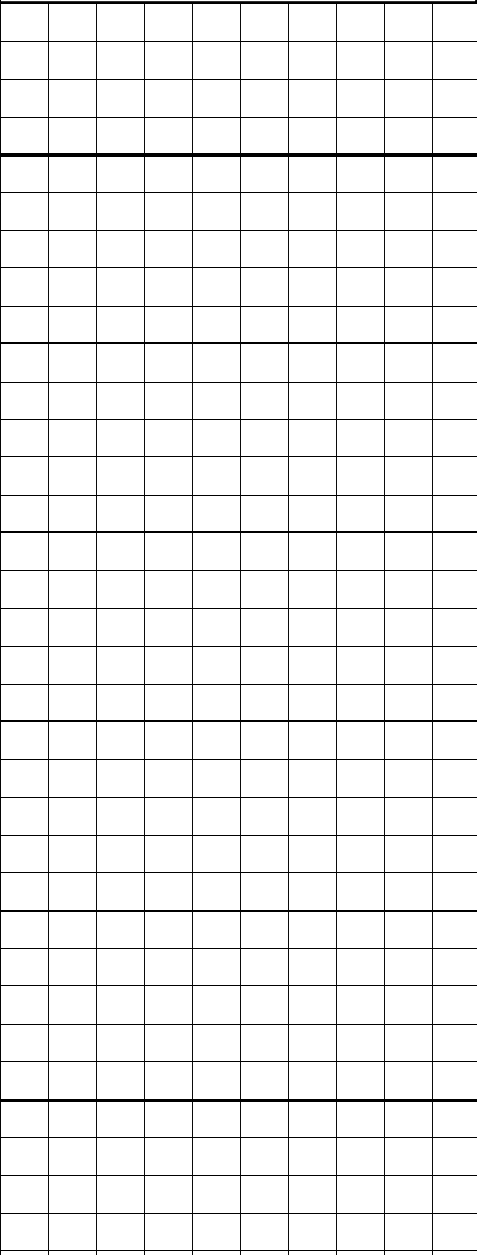
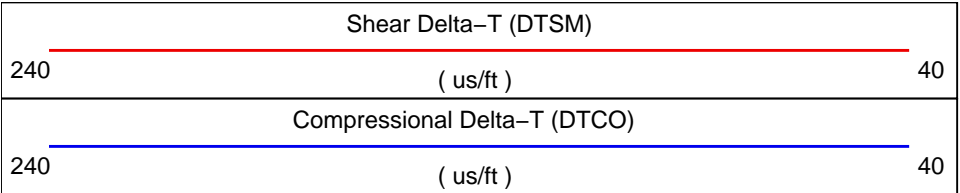
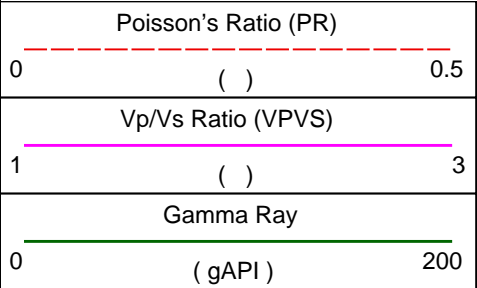
FOLD HERE The well name, location and borehole reference data were furnished by the customer.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Field Recording:	Location:	Software Version: 20C0-999	Engineer: Marganda H. Sihite
Office Recording:	ICS Center: Perth	Baseline: GF4.4	Log Analyst: Taesoo Kim
Mud and Borehole Measurements:			
Rm @ Measured Temperature:	0.0746ohm.m @ 17.9degC	BHT: 68degC	Bitsize: 12.25in
Rmf @ Measured Temperature:	0.0694ohm.m @ 18.6degC	Type Fluid in Hole:	Polymer
Rmc @ Measured Temperature:	0.08ohm.m @ 20.1degC	Mud Density: 1.07844g/cm3	

Remarks:

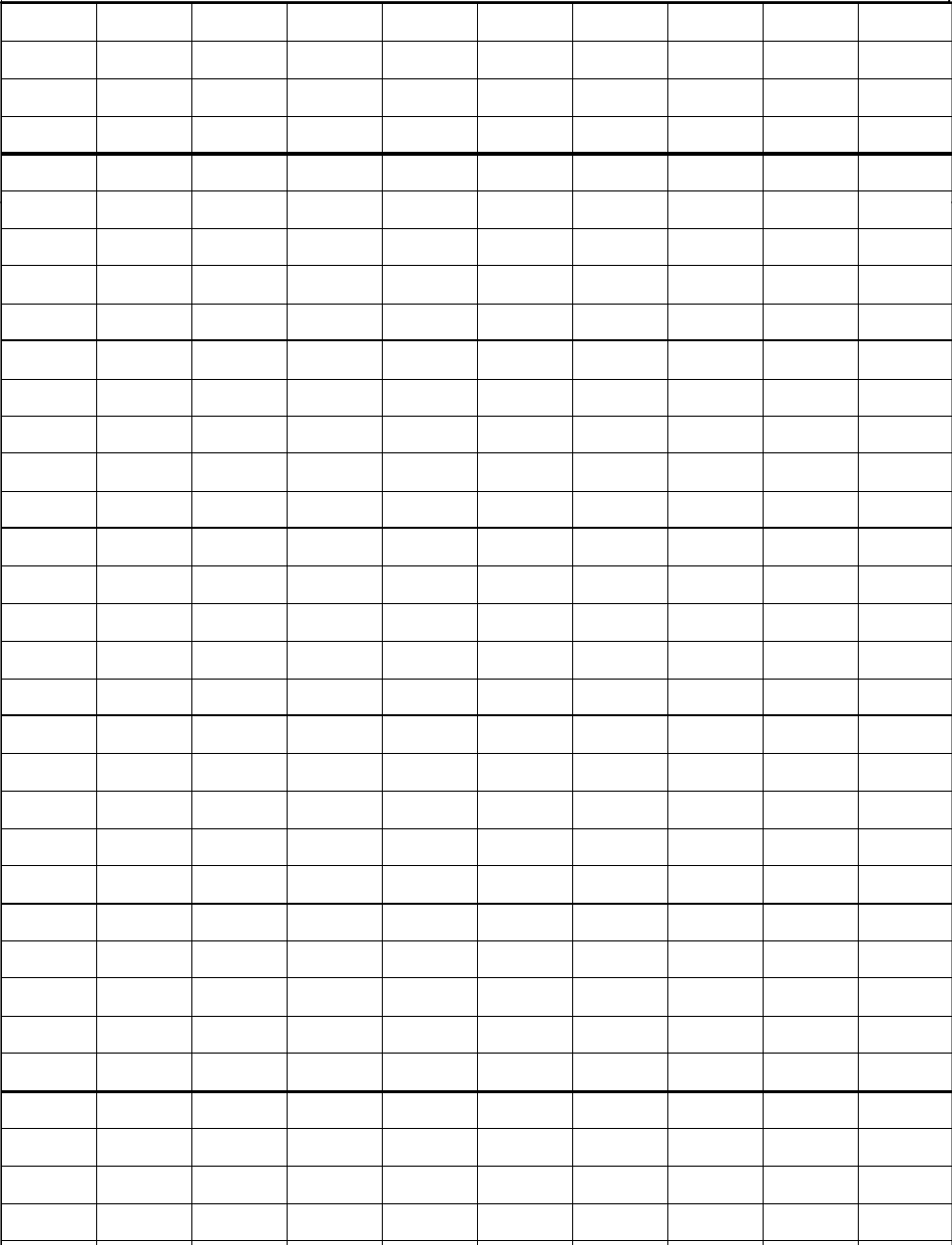
sonicVISION8 recorded in 12 1/4" hole, data processed from drilling memory data.  
See bottom of the QC log for detailed processing parameters.

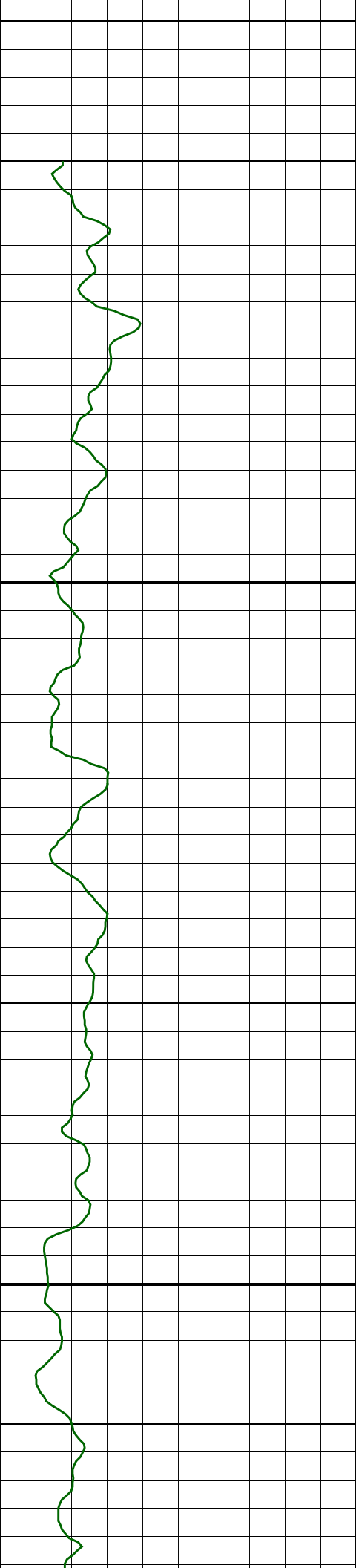


MD  
1 : 200  
m

775

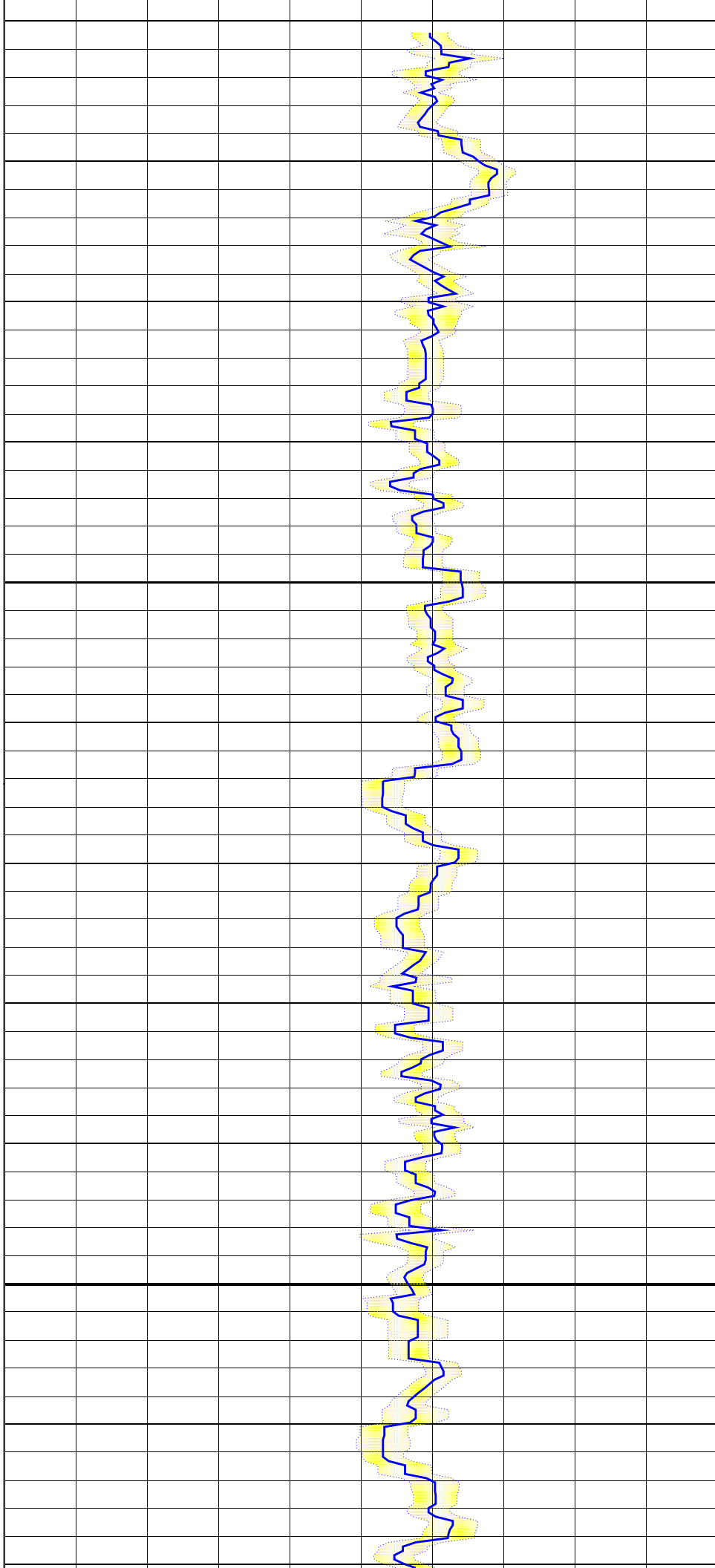
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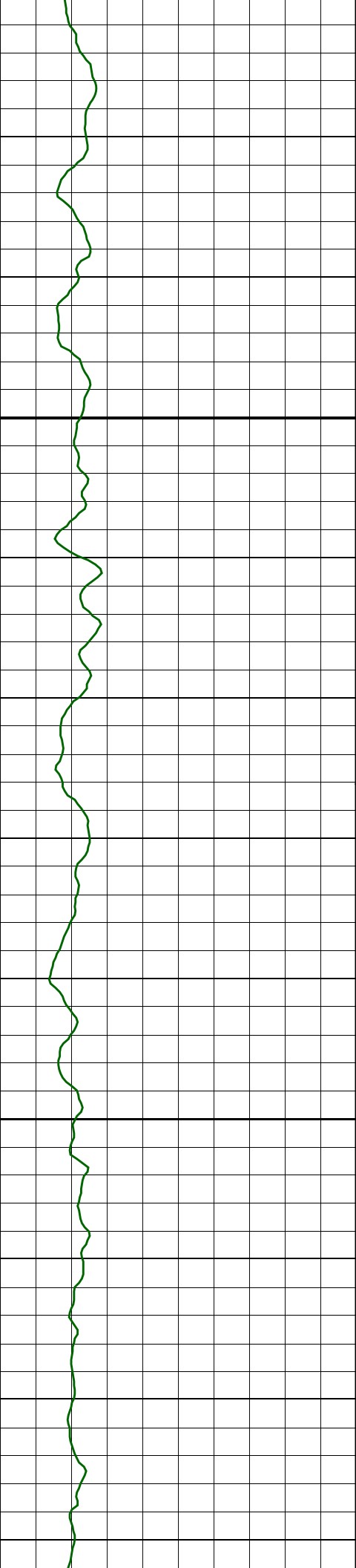




825

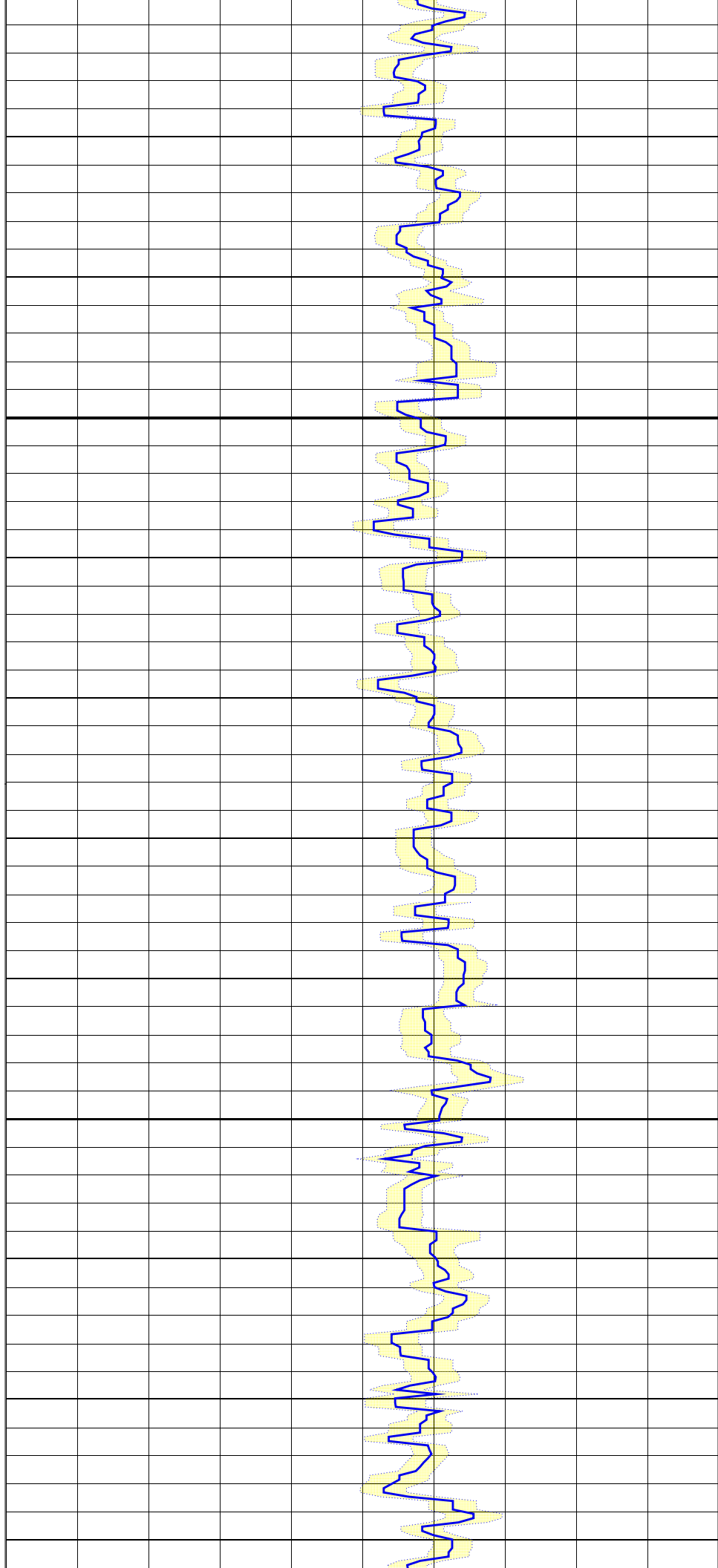
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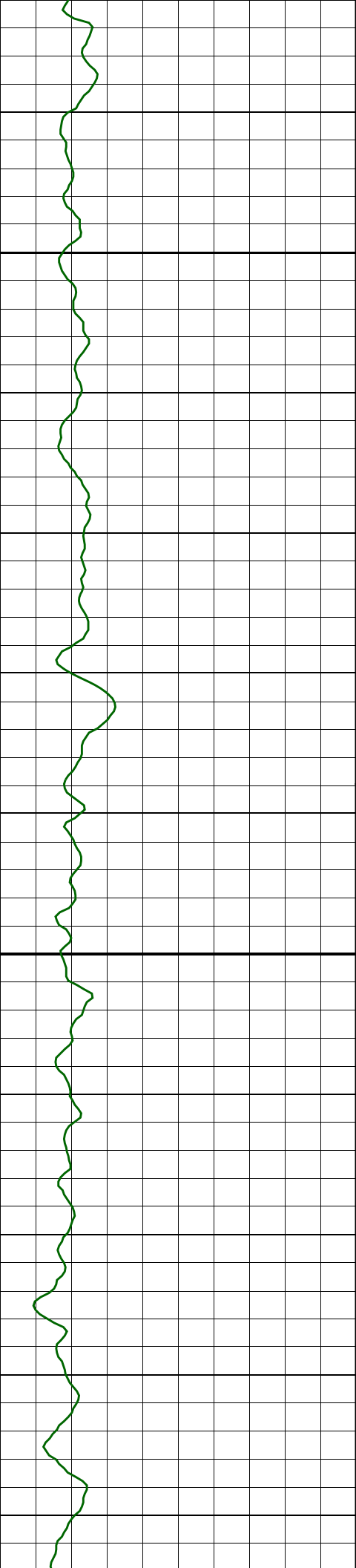


875

900

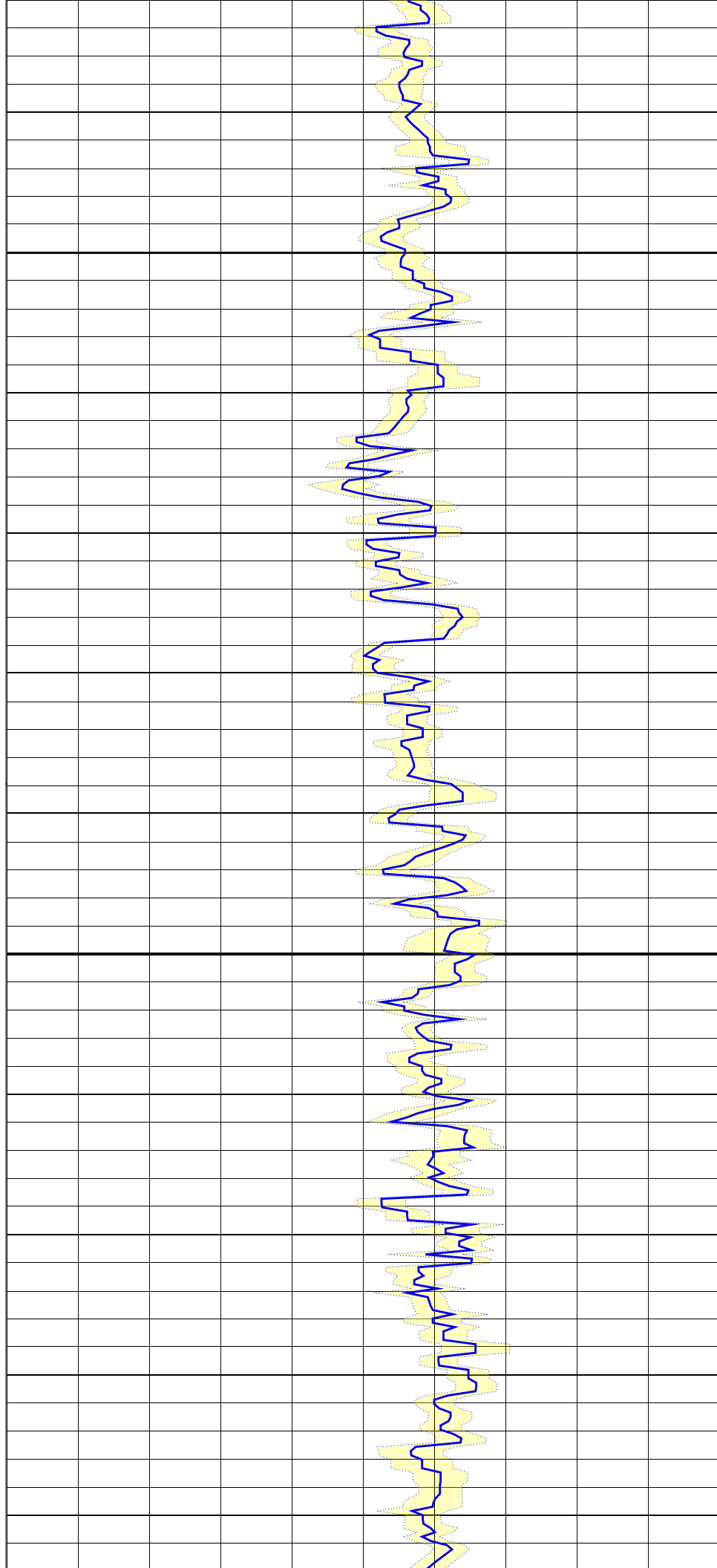


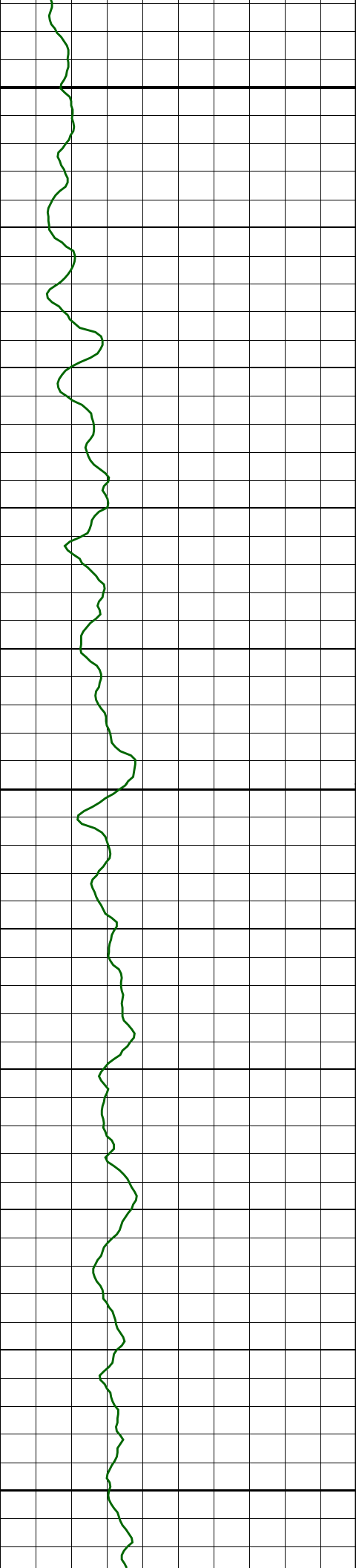




925

950

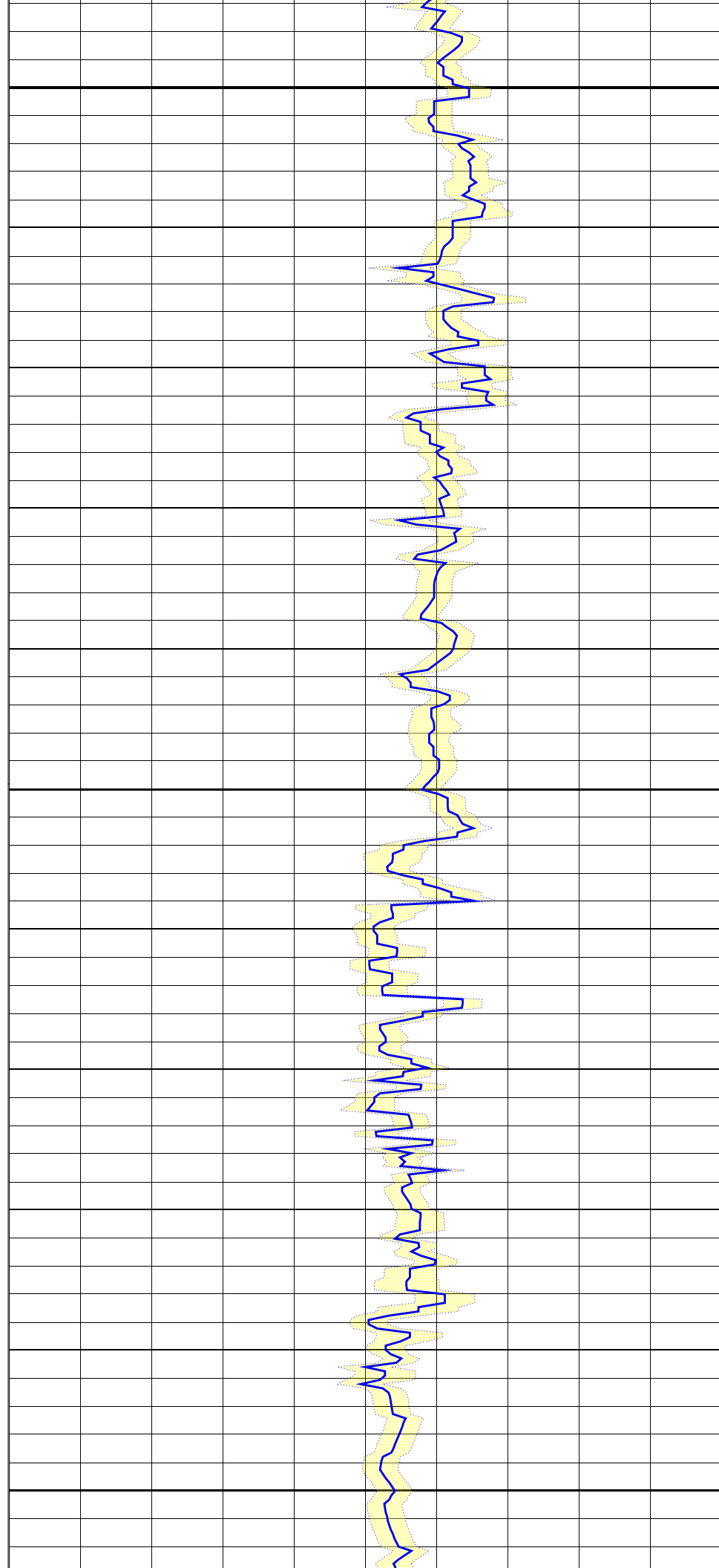


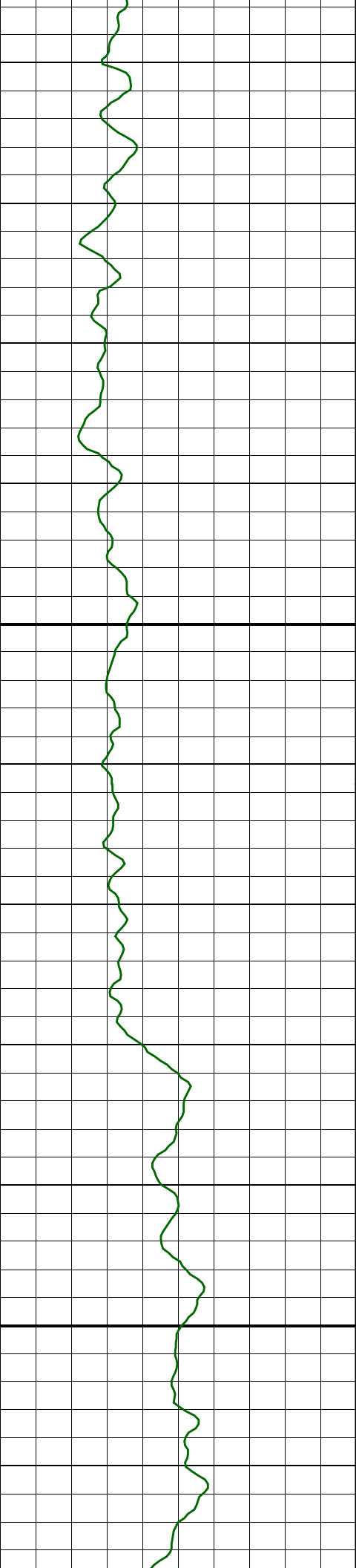


975

1000

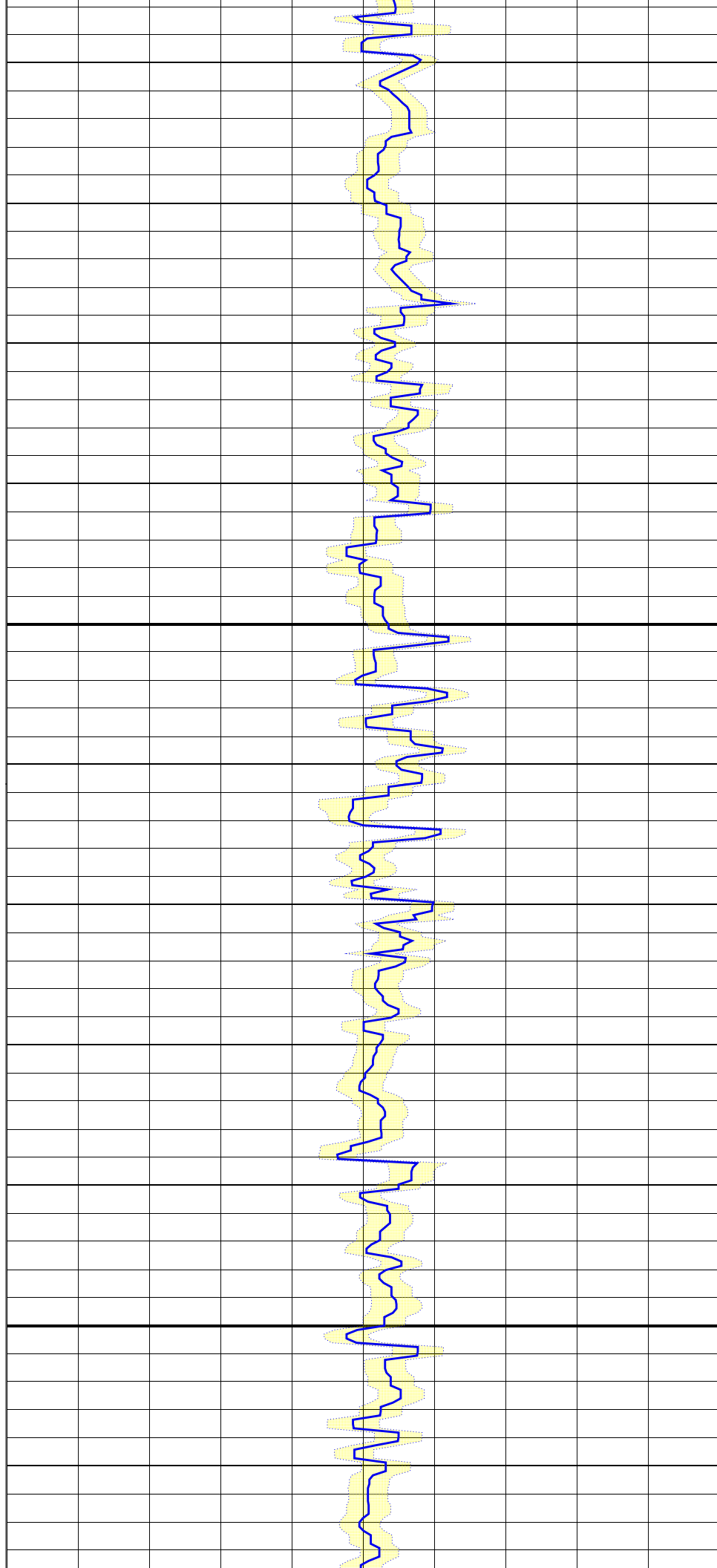
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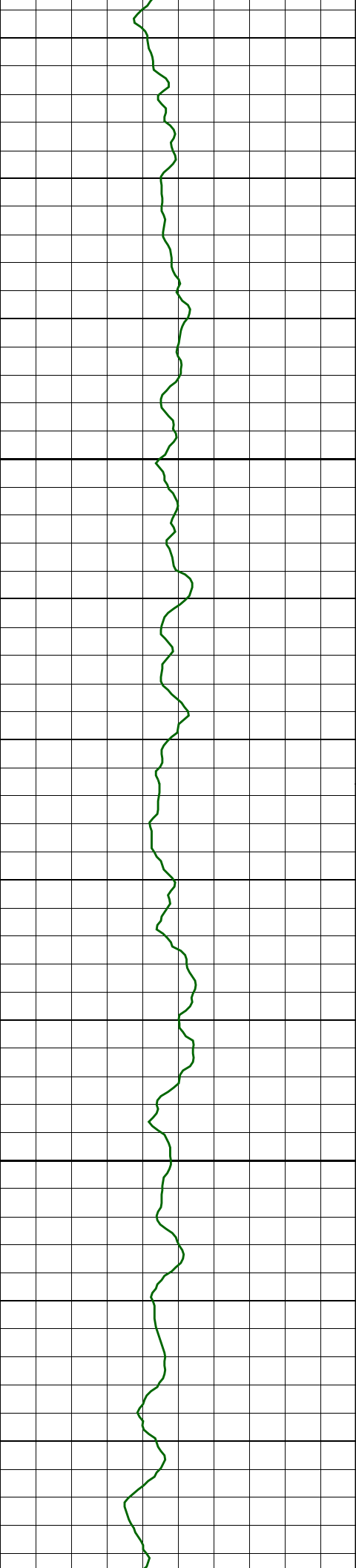




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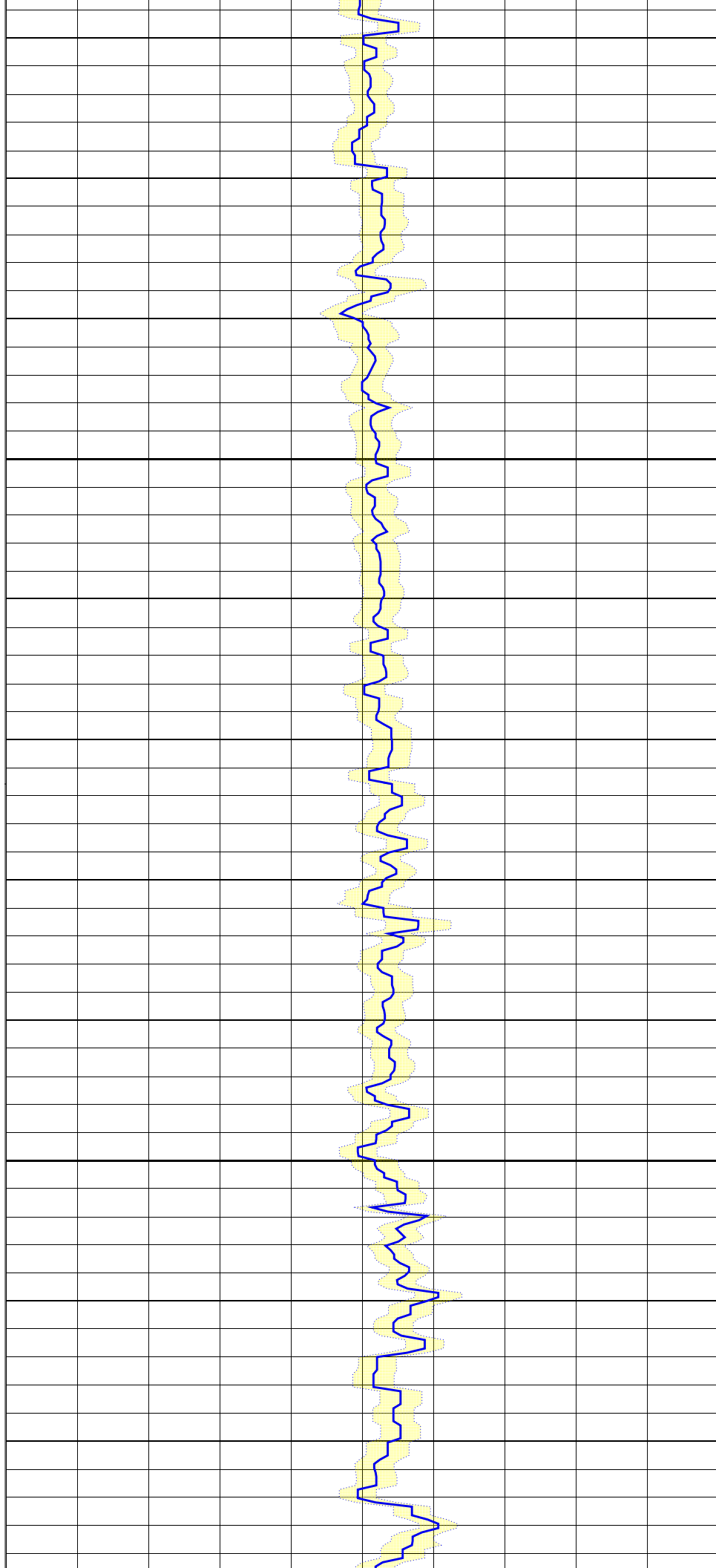
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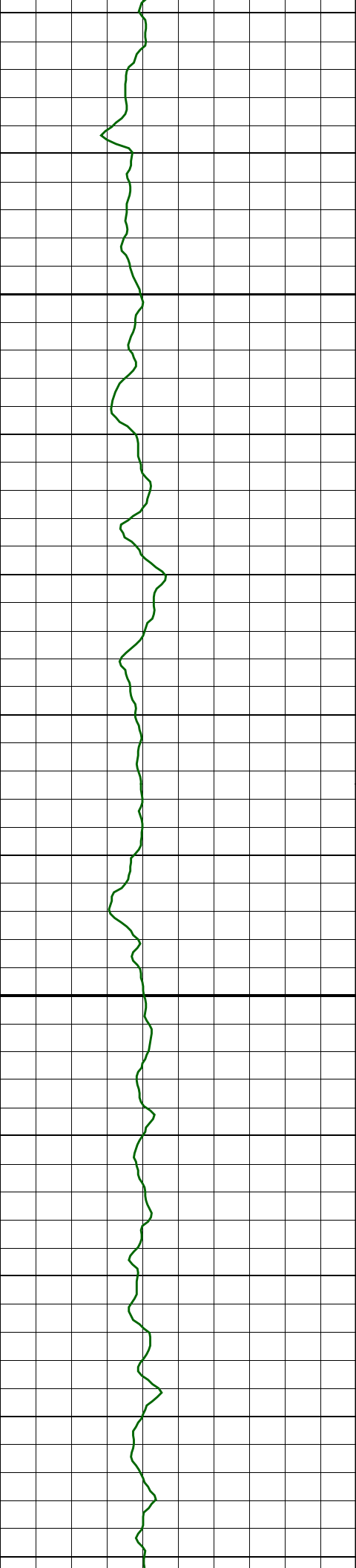




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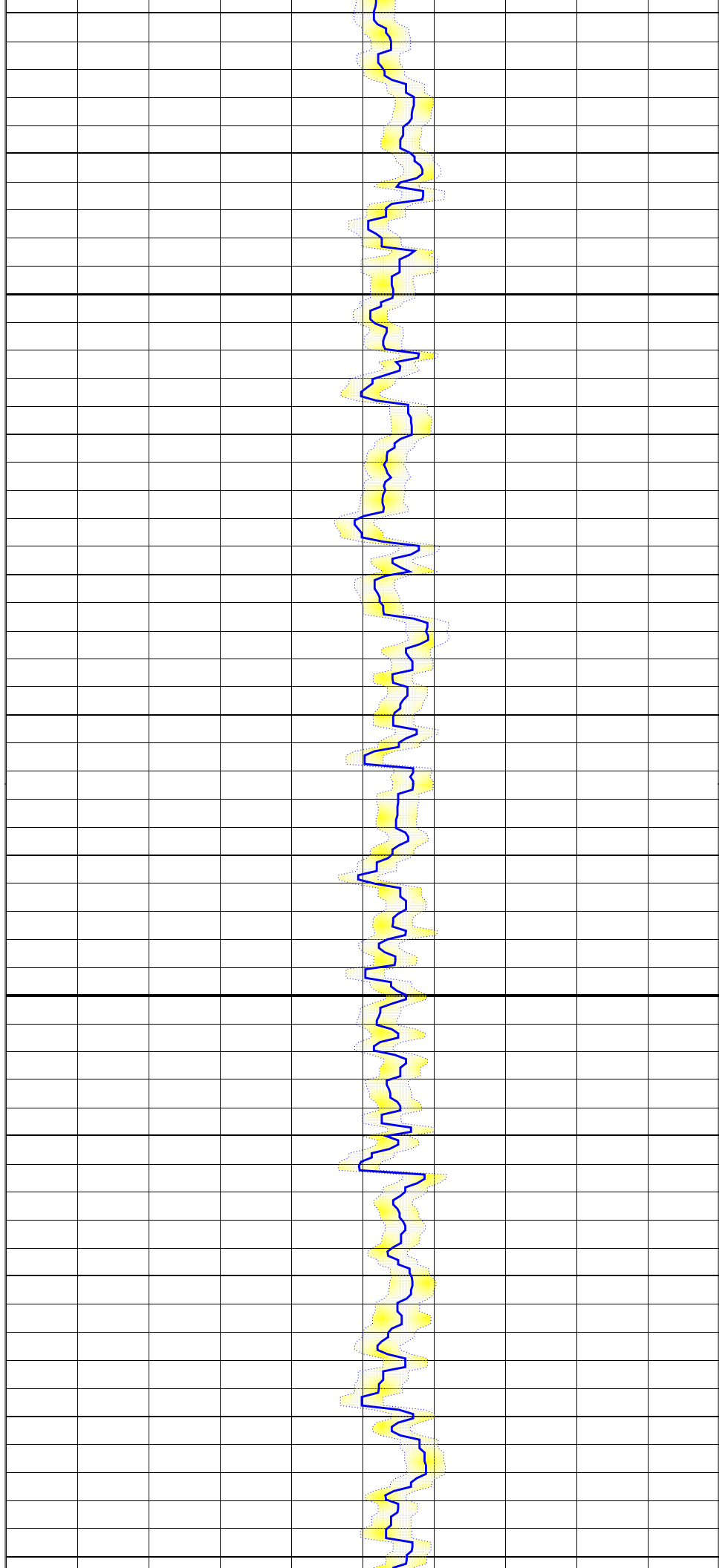
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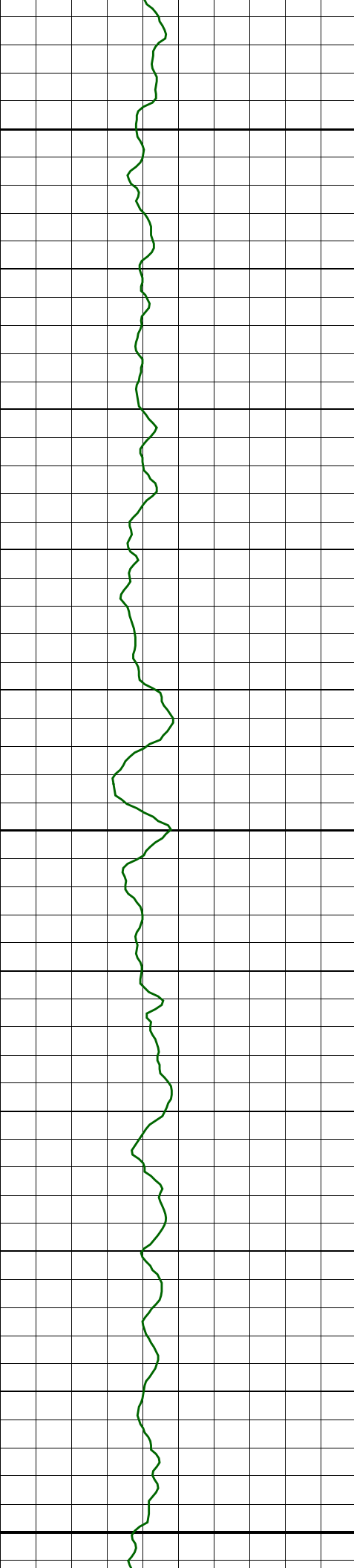




1150

1175

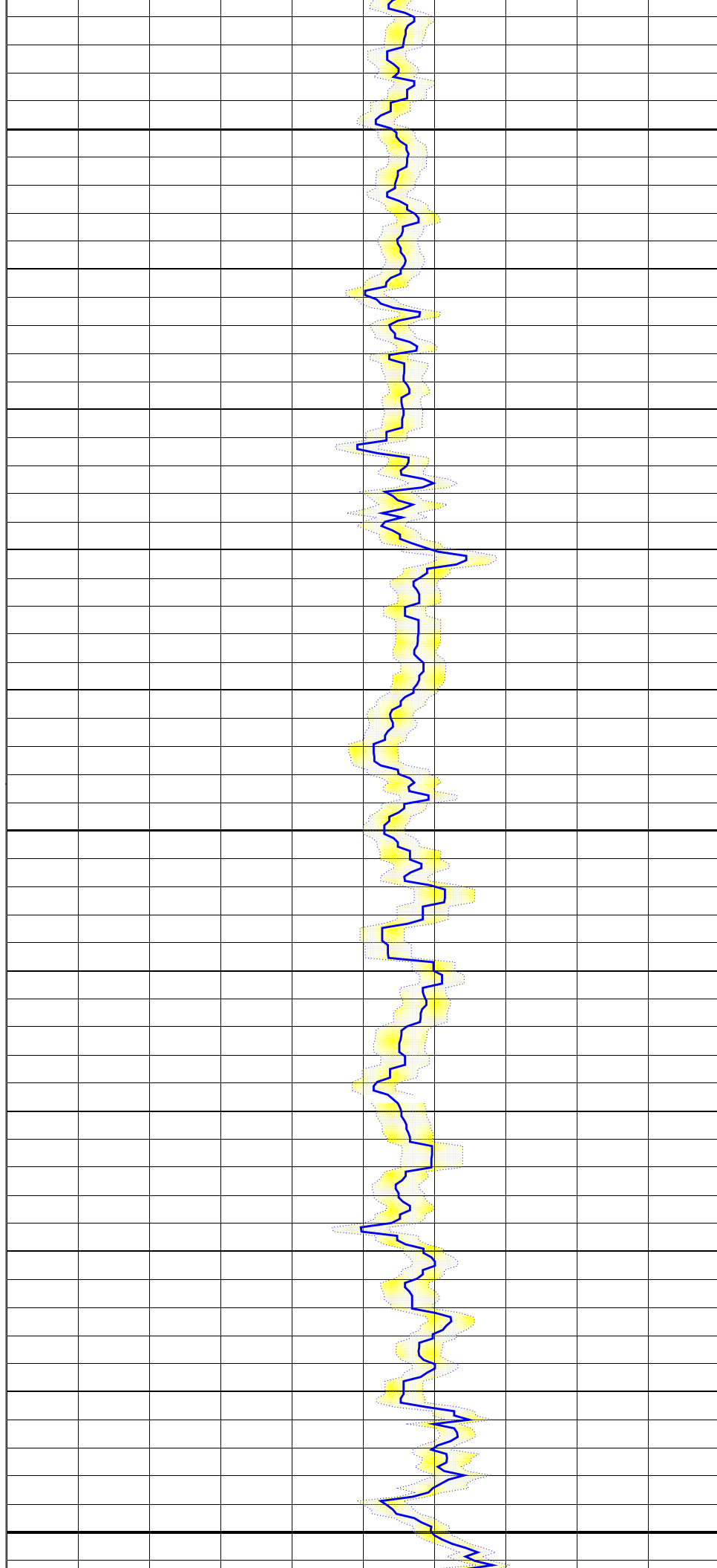


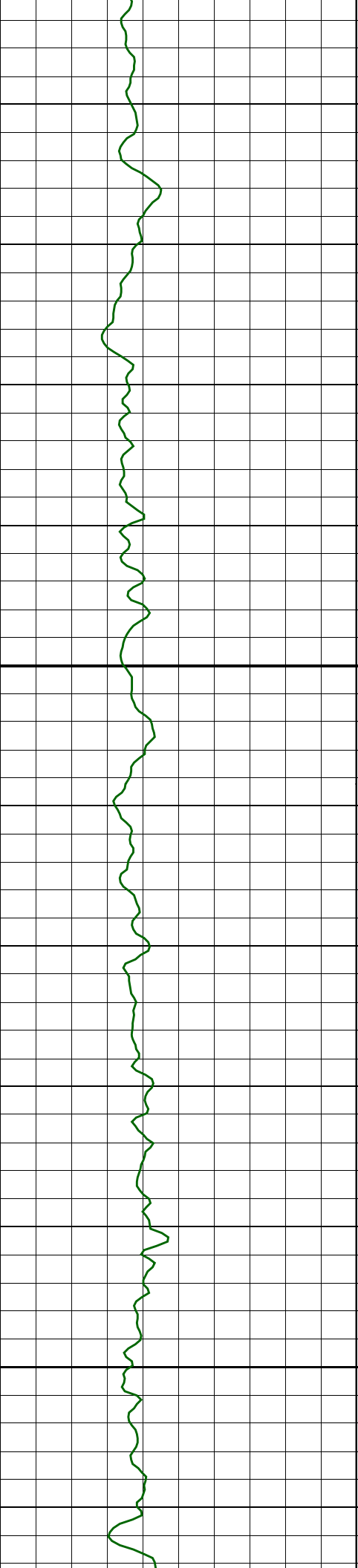


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1225

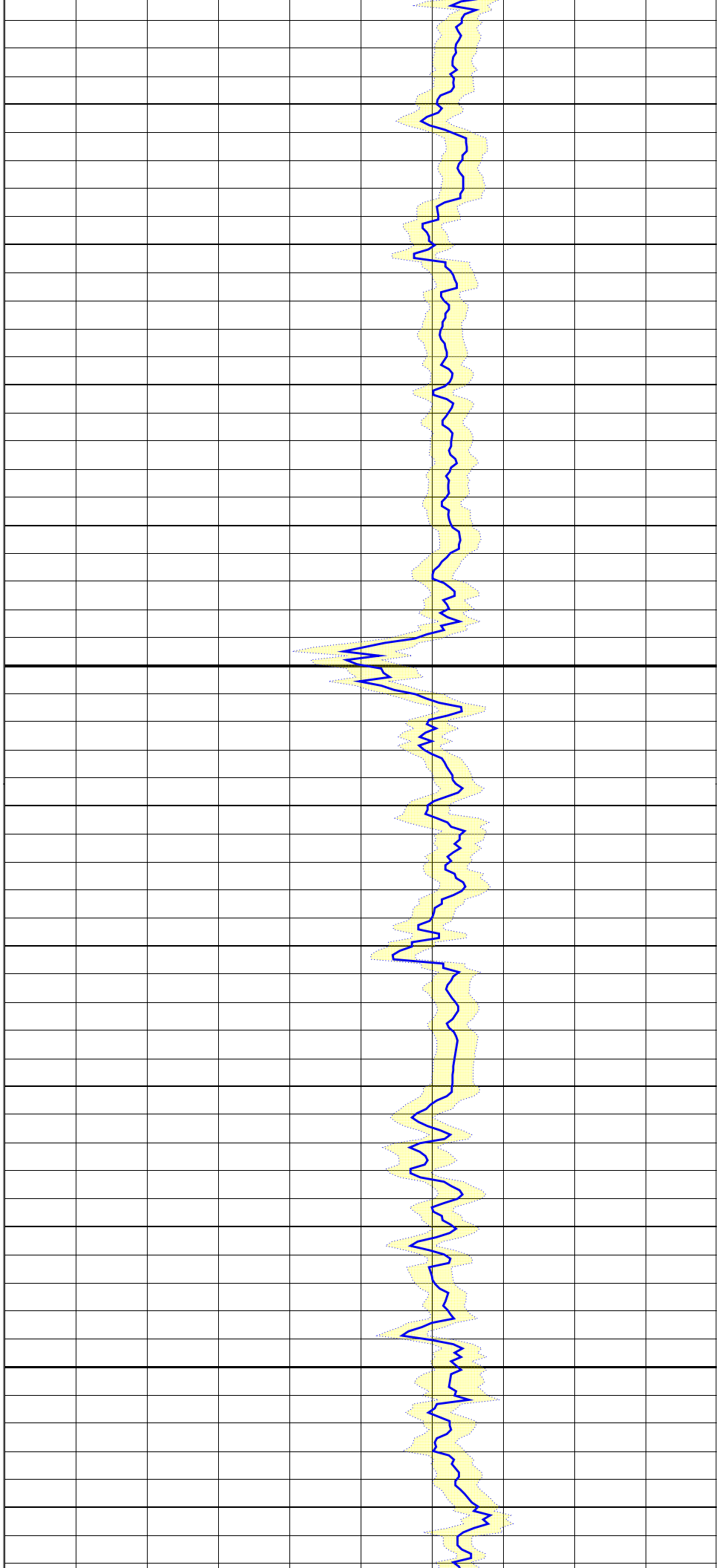
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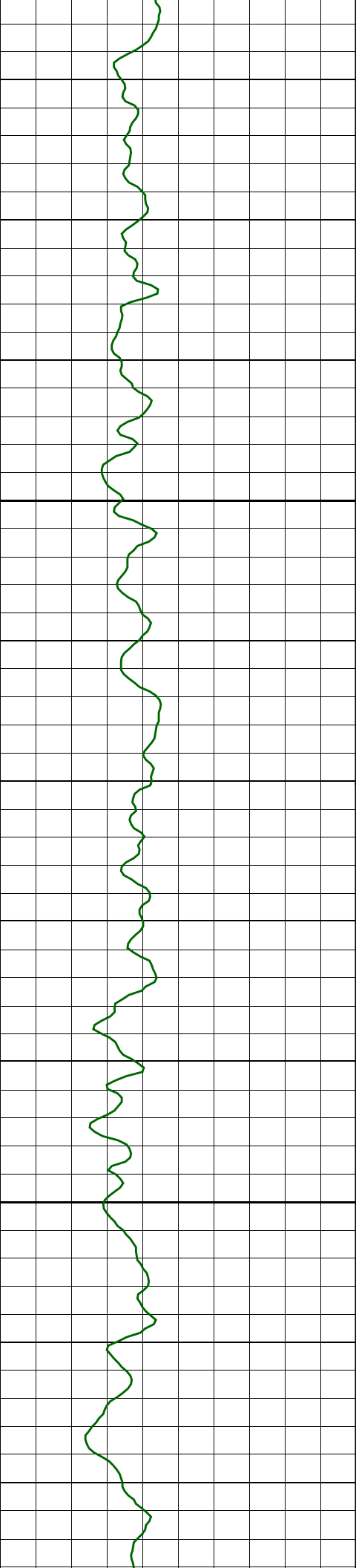




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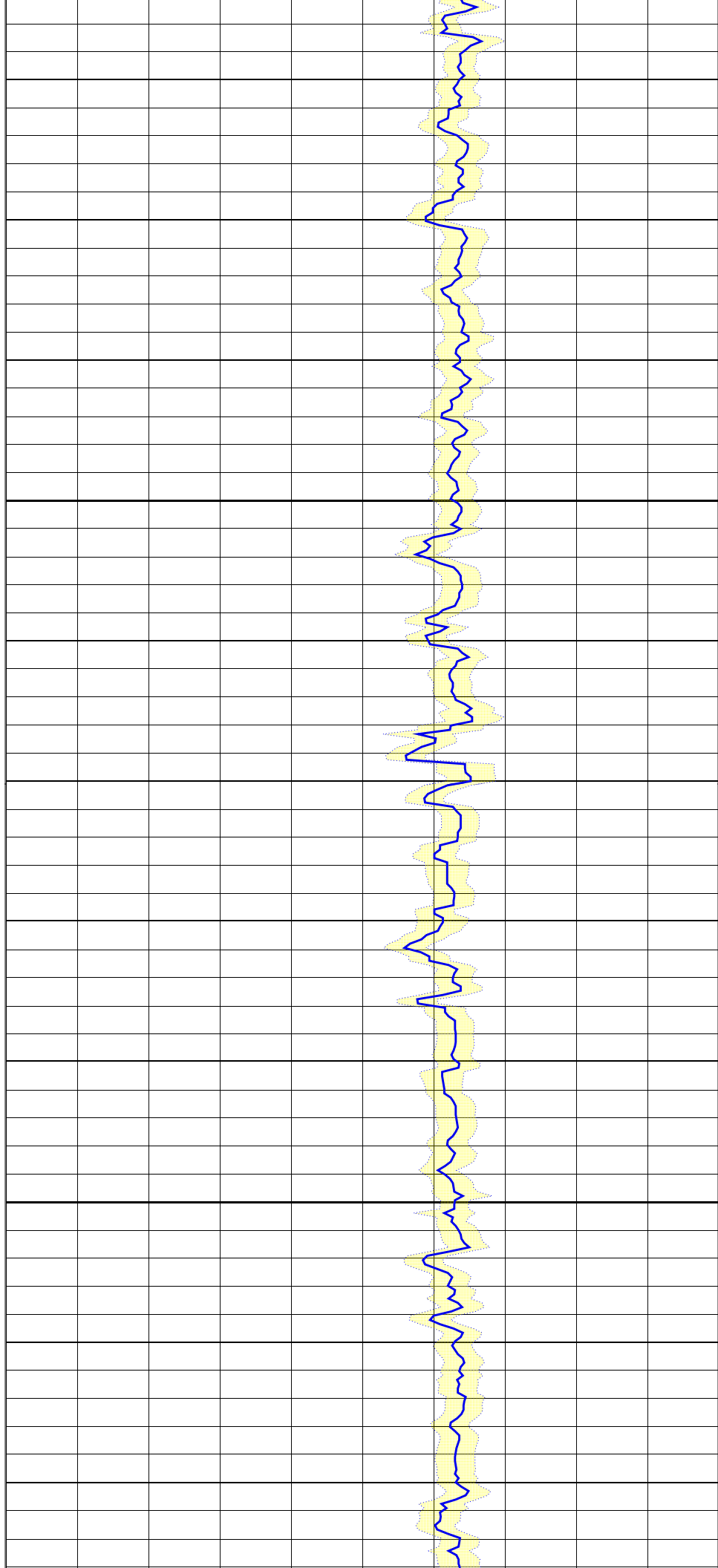
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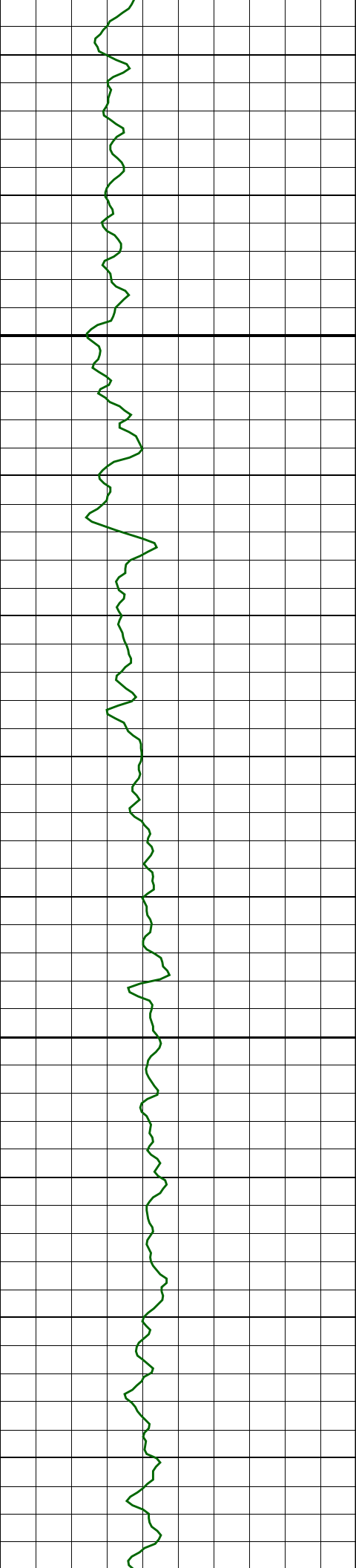


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1350

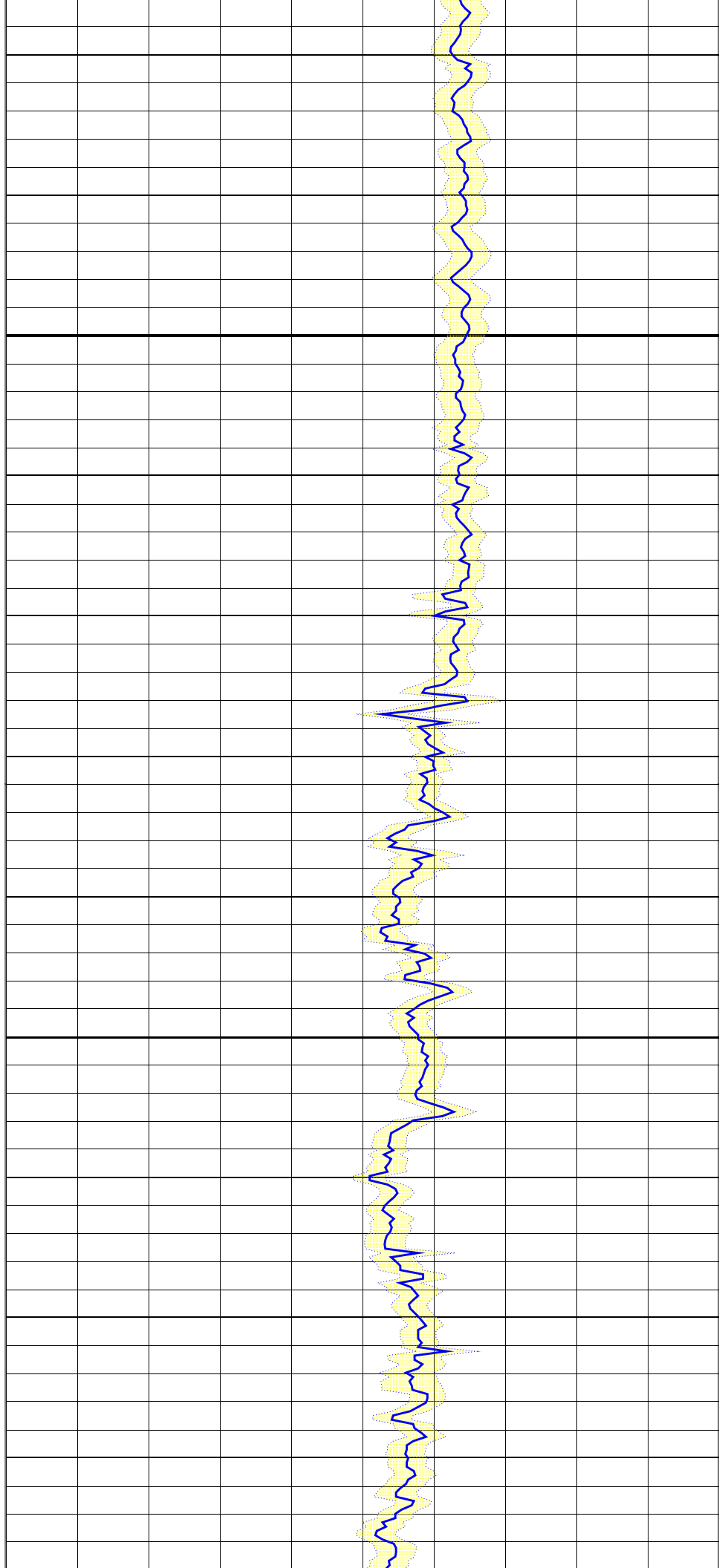


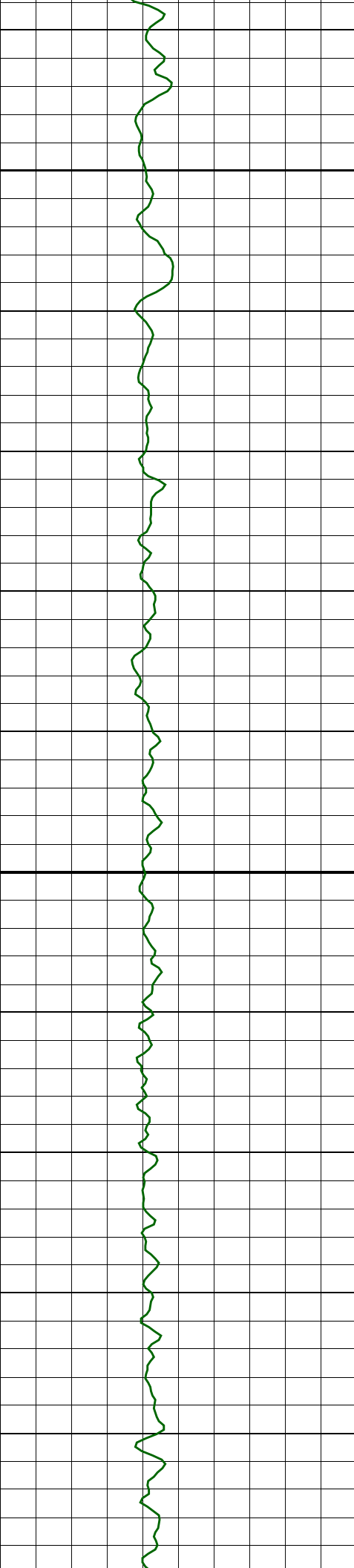




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1400

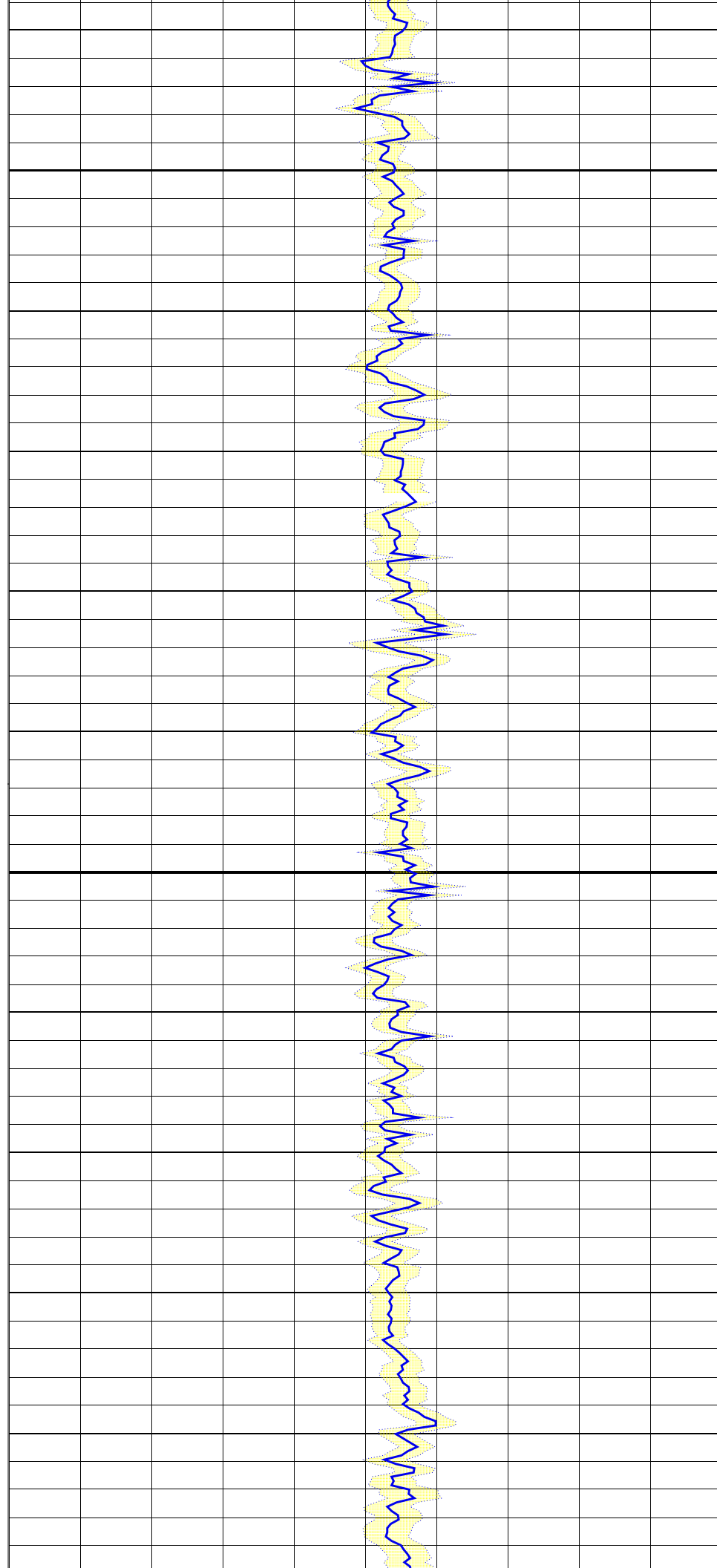


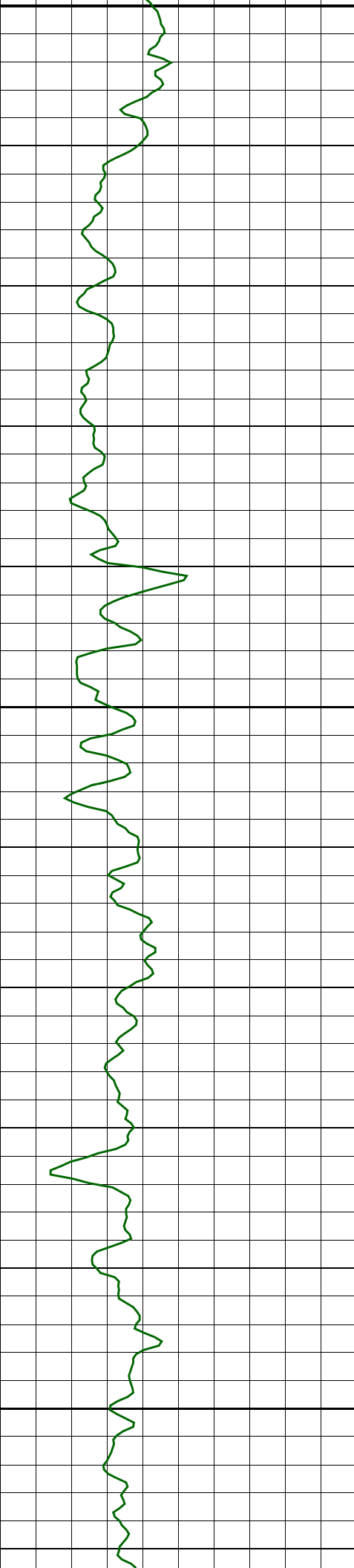


1425

1450

1475

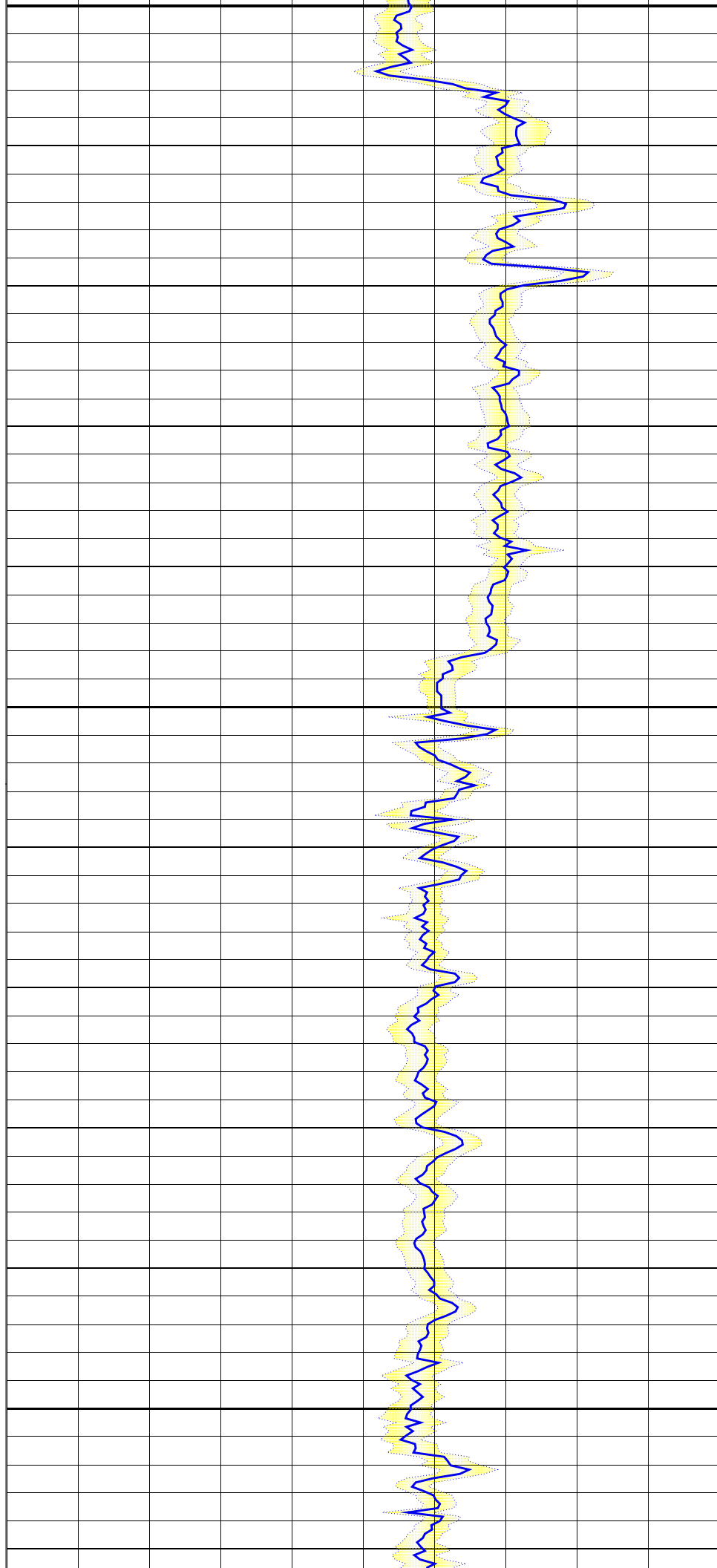


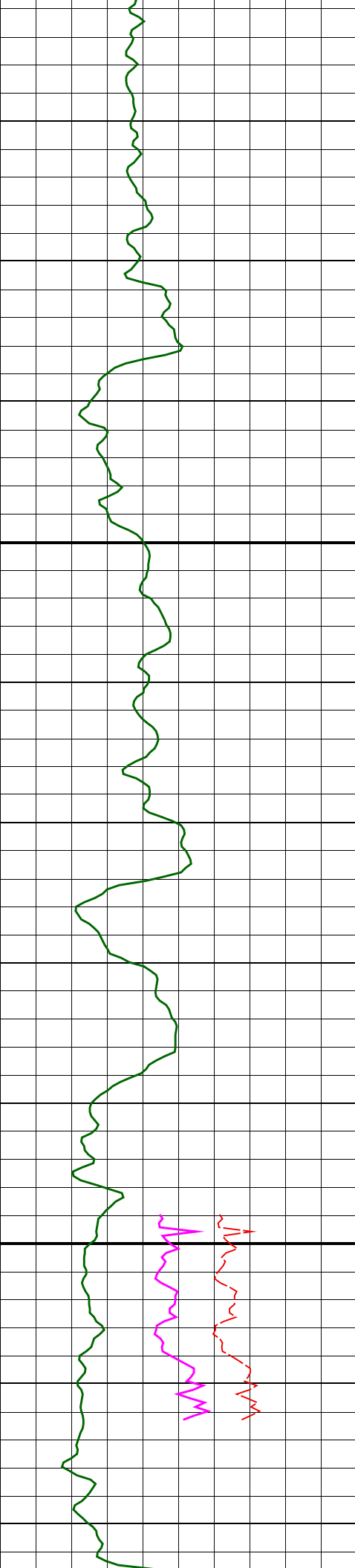


1475

1500

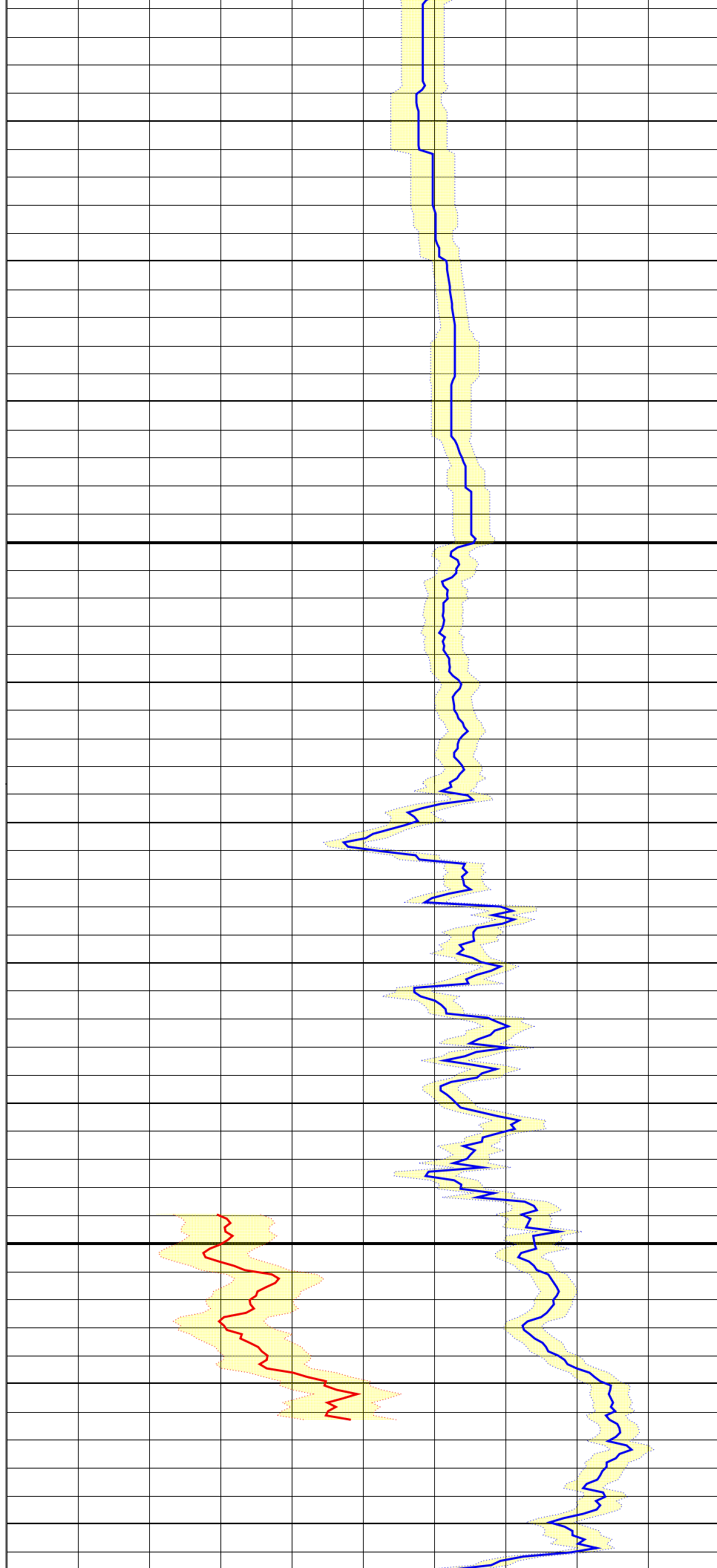
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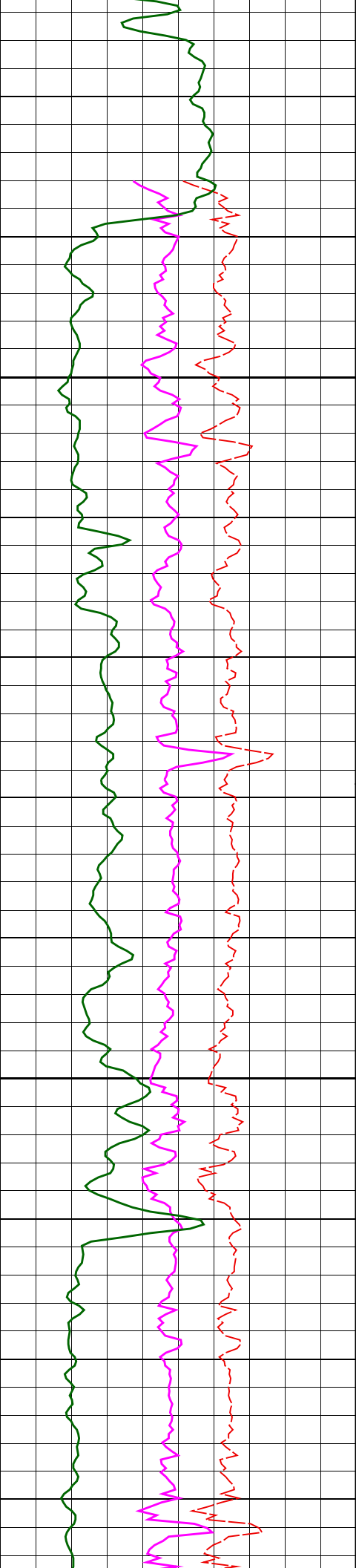




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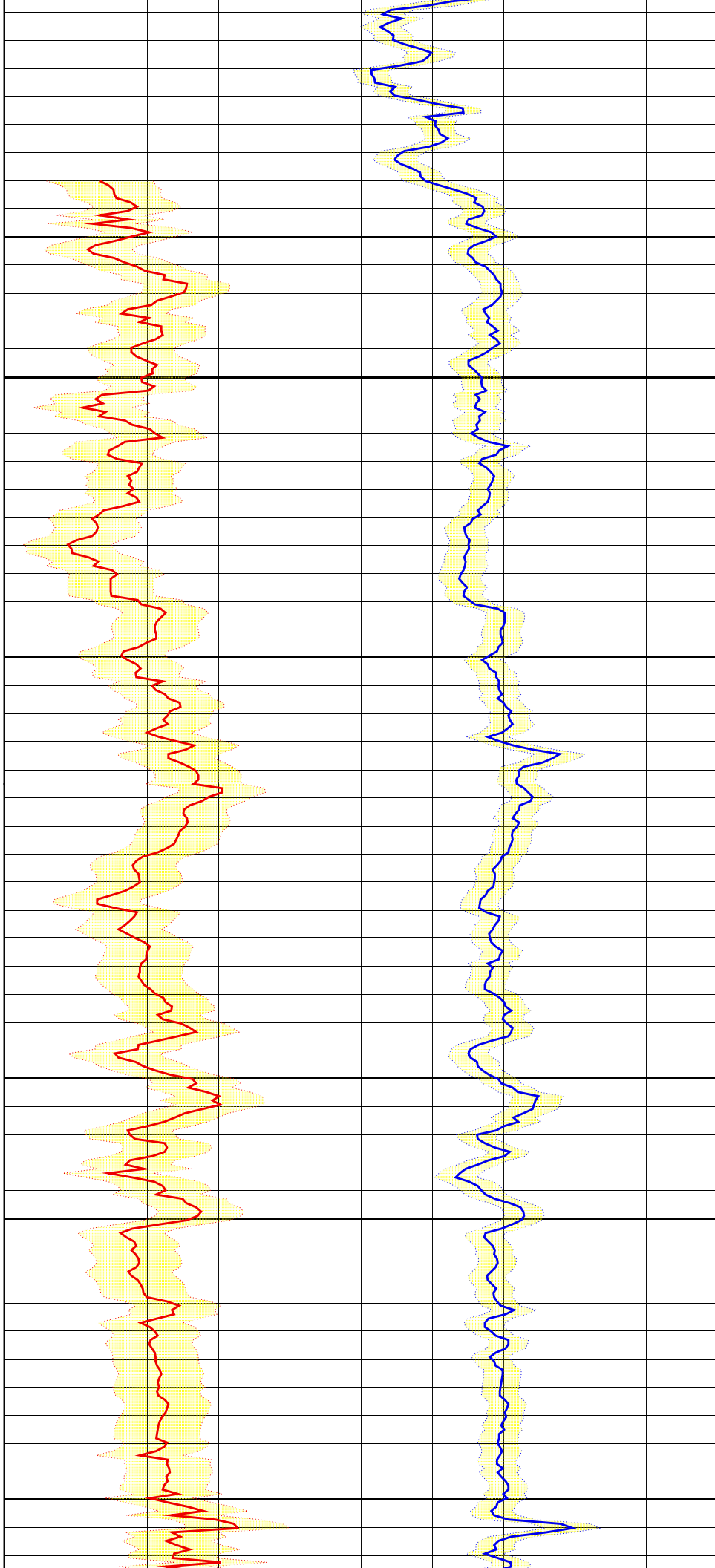
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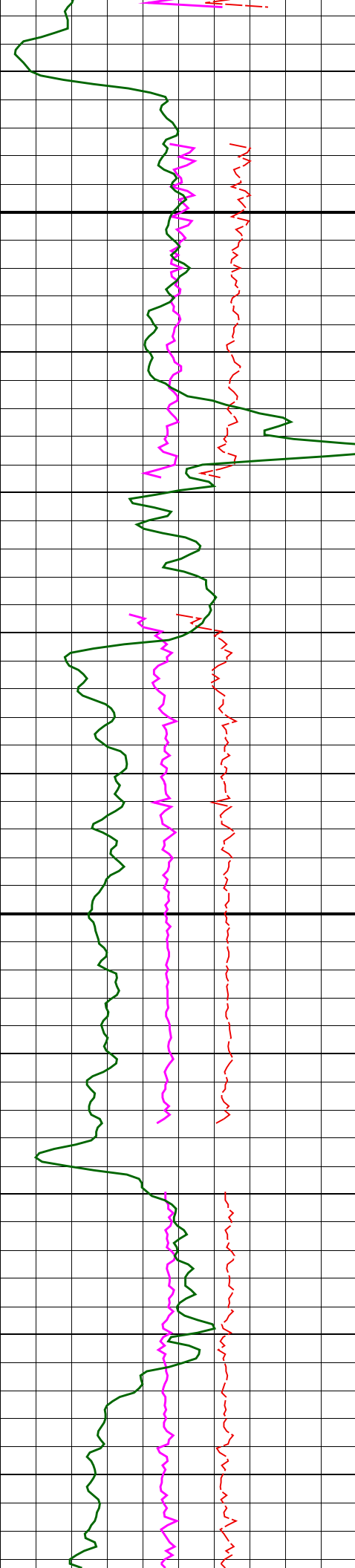




1600

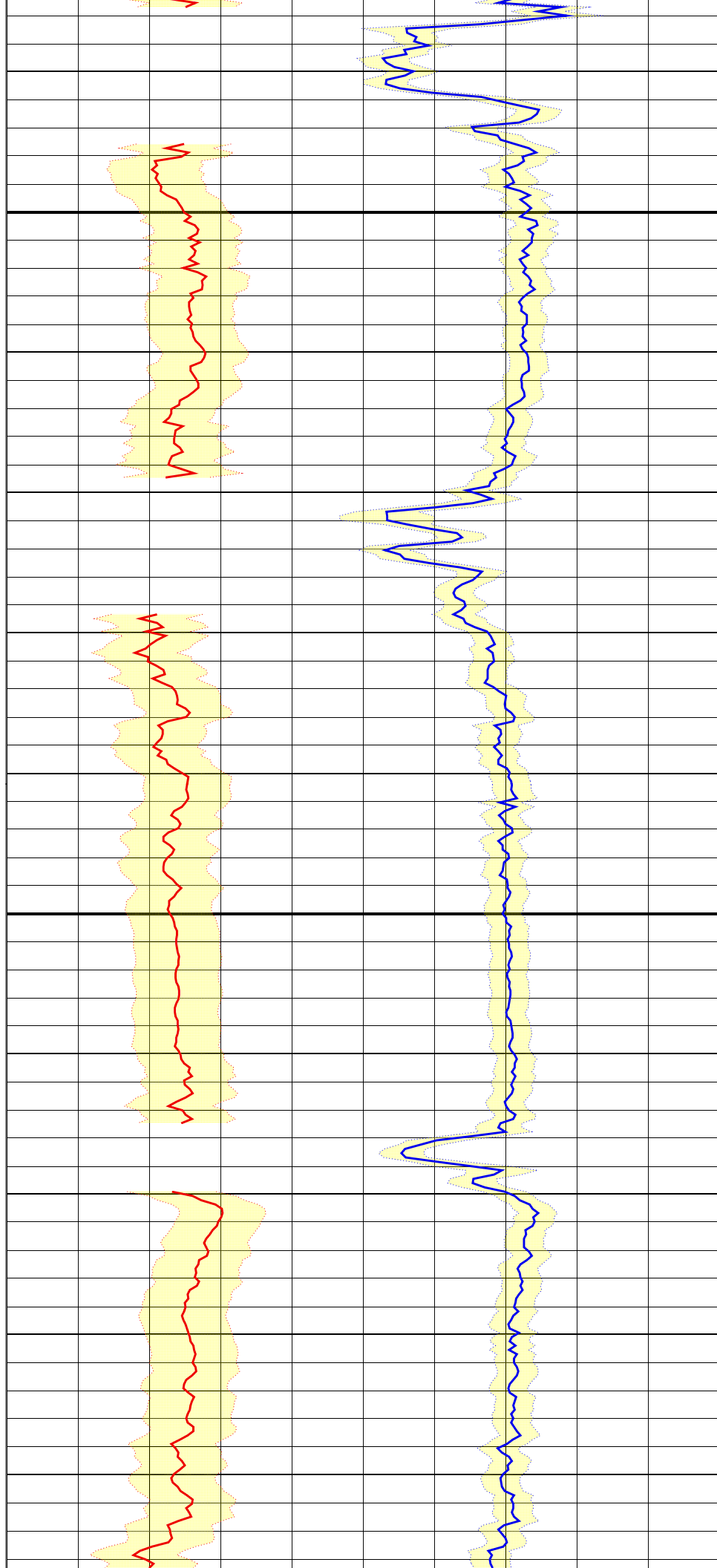
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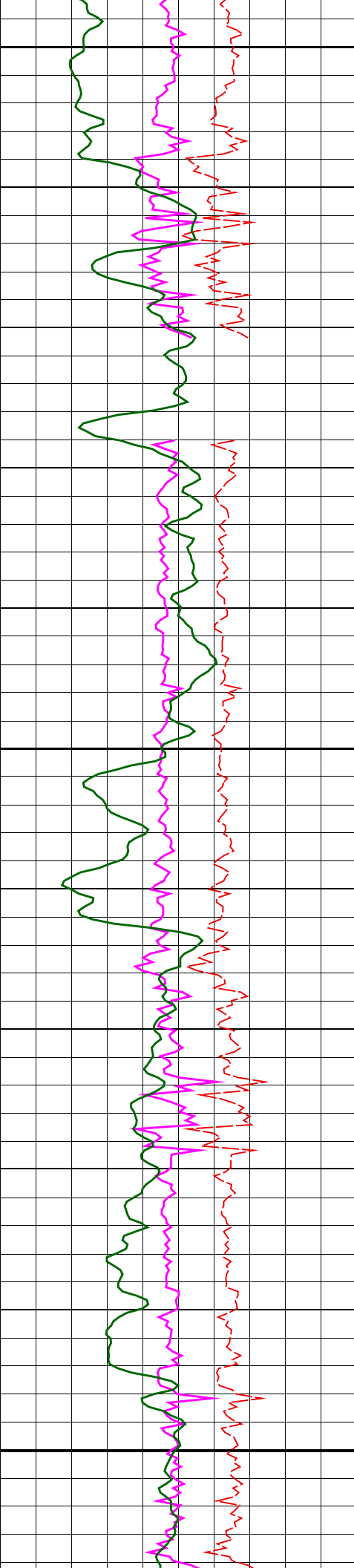




1650

1675

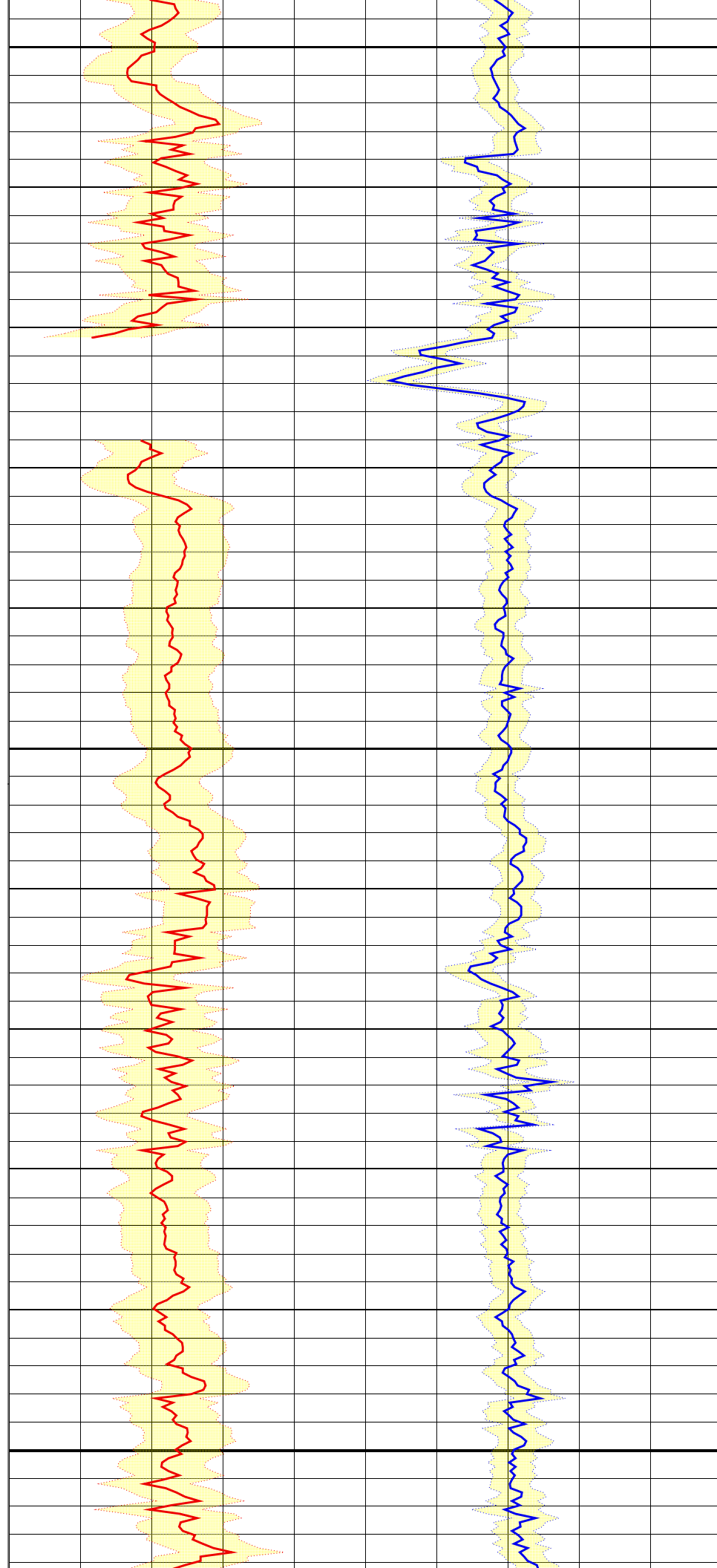




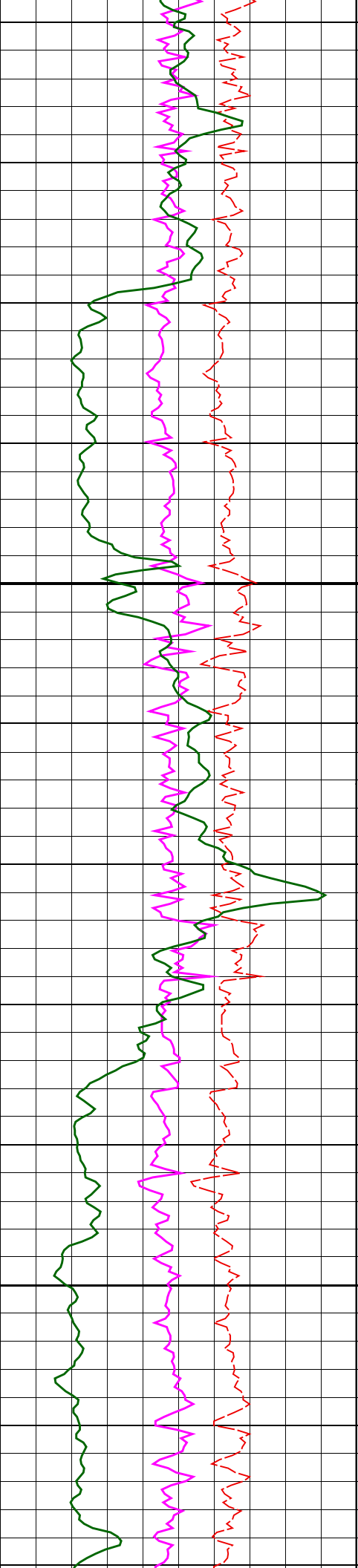
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1725

1750

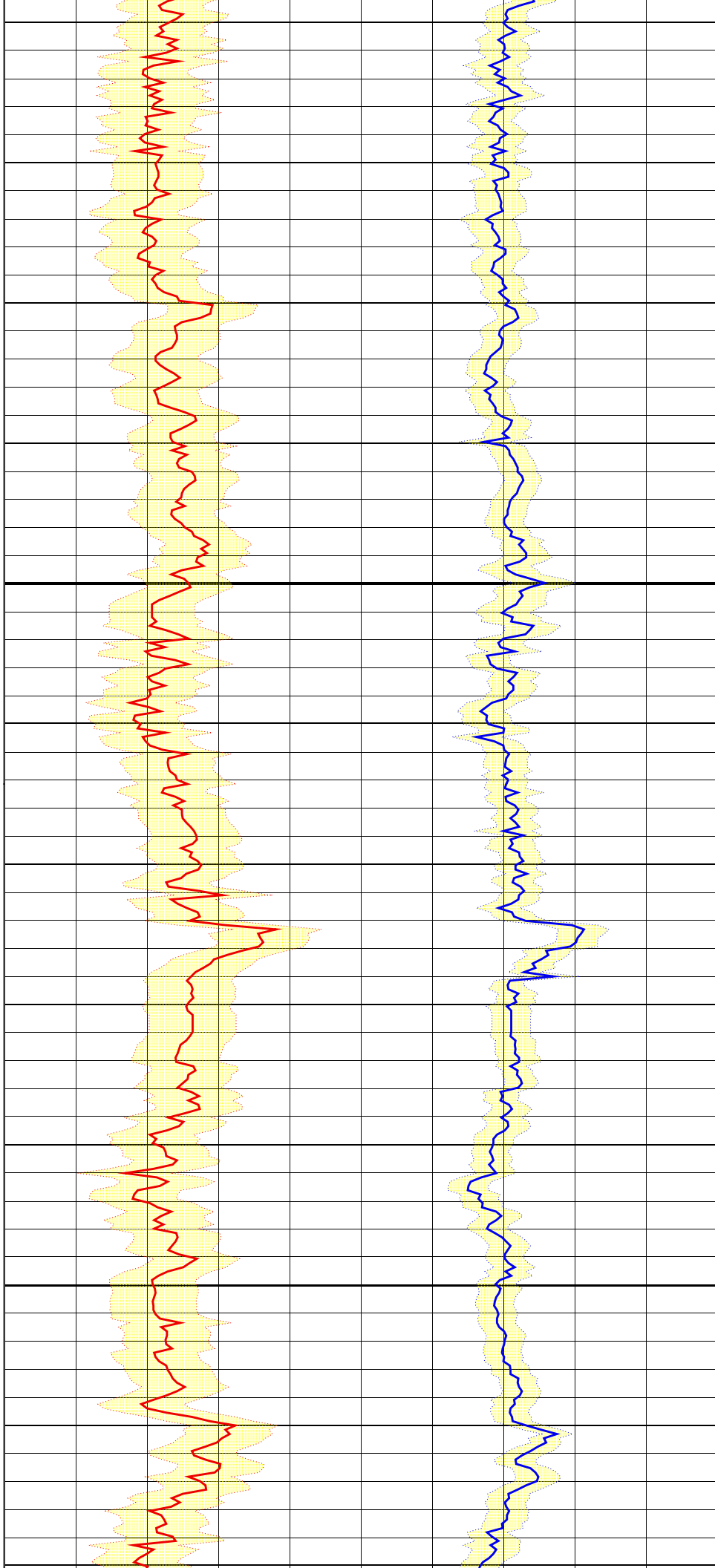




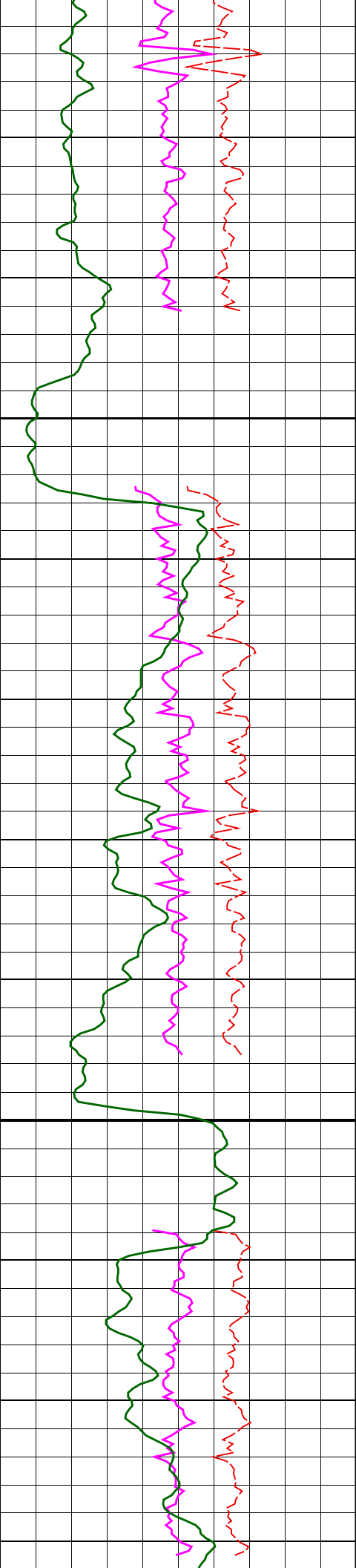


1775

1800

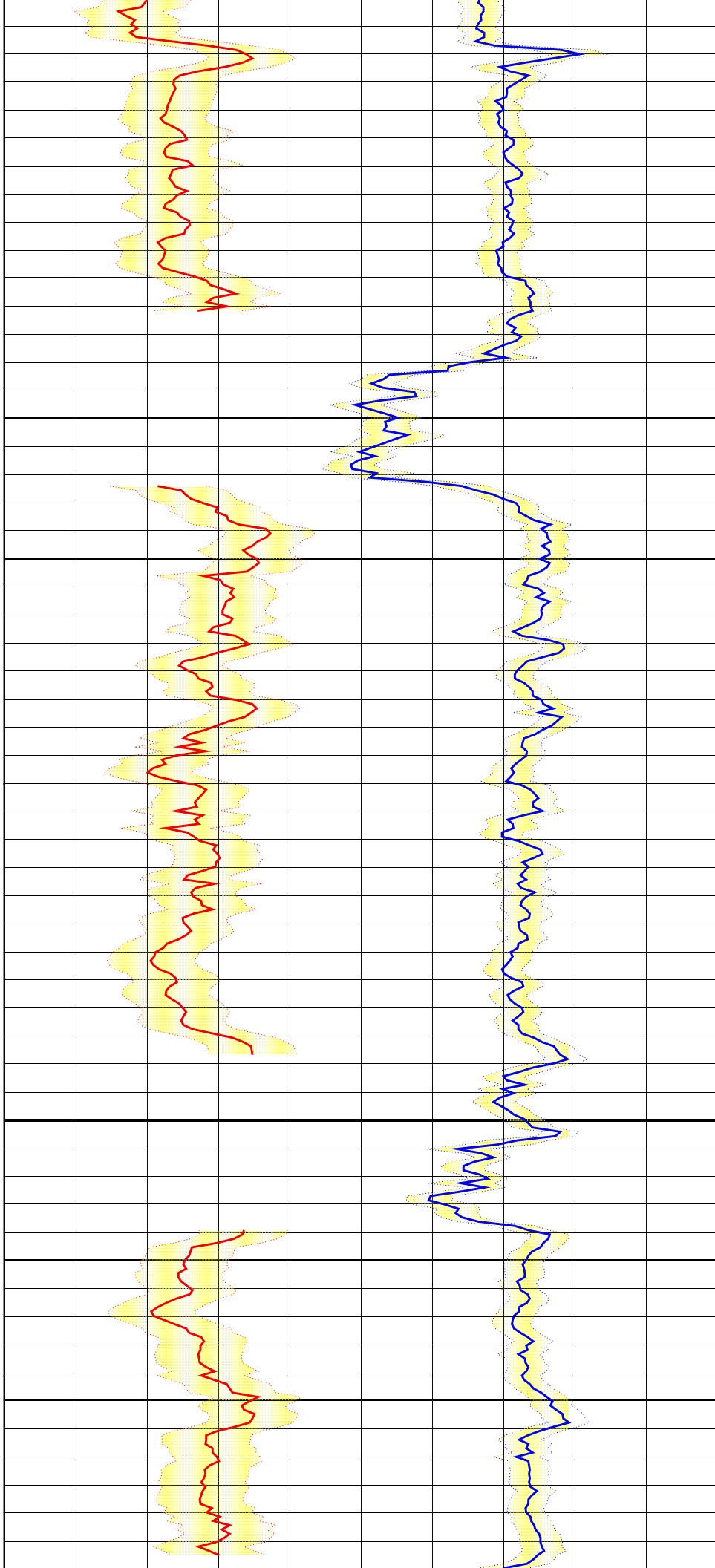


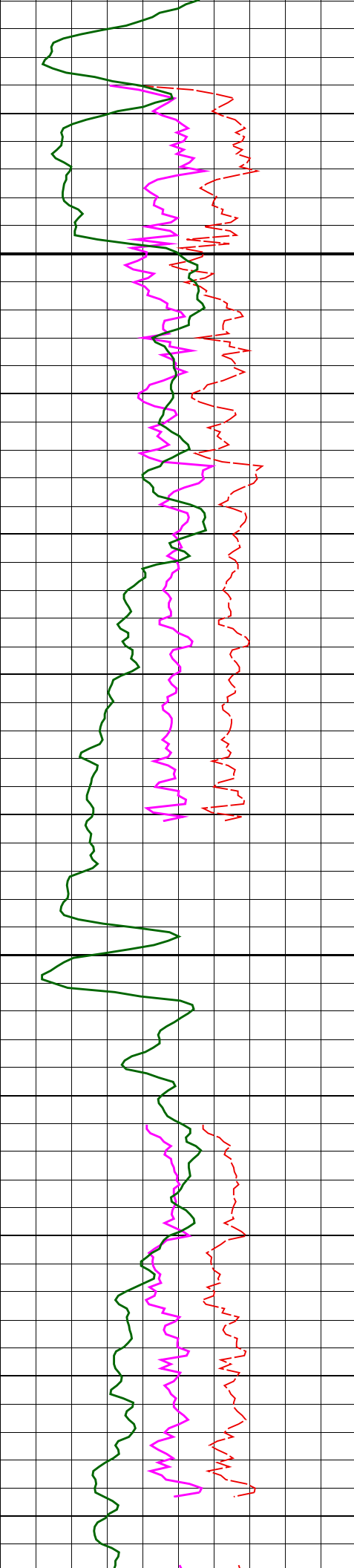




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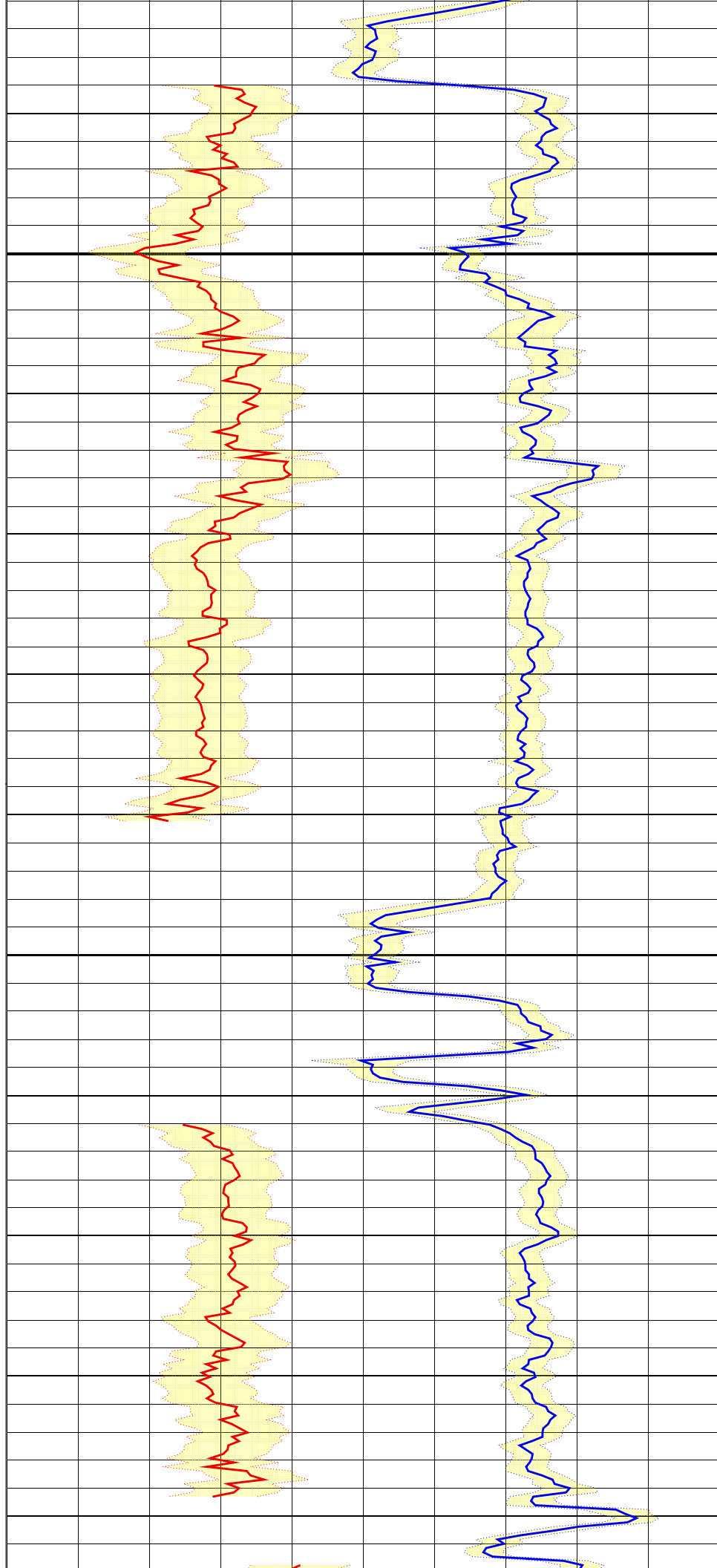
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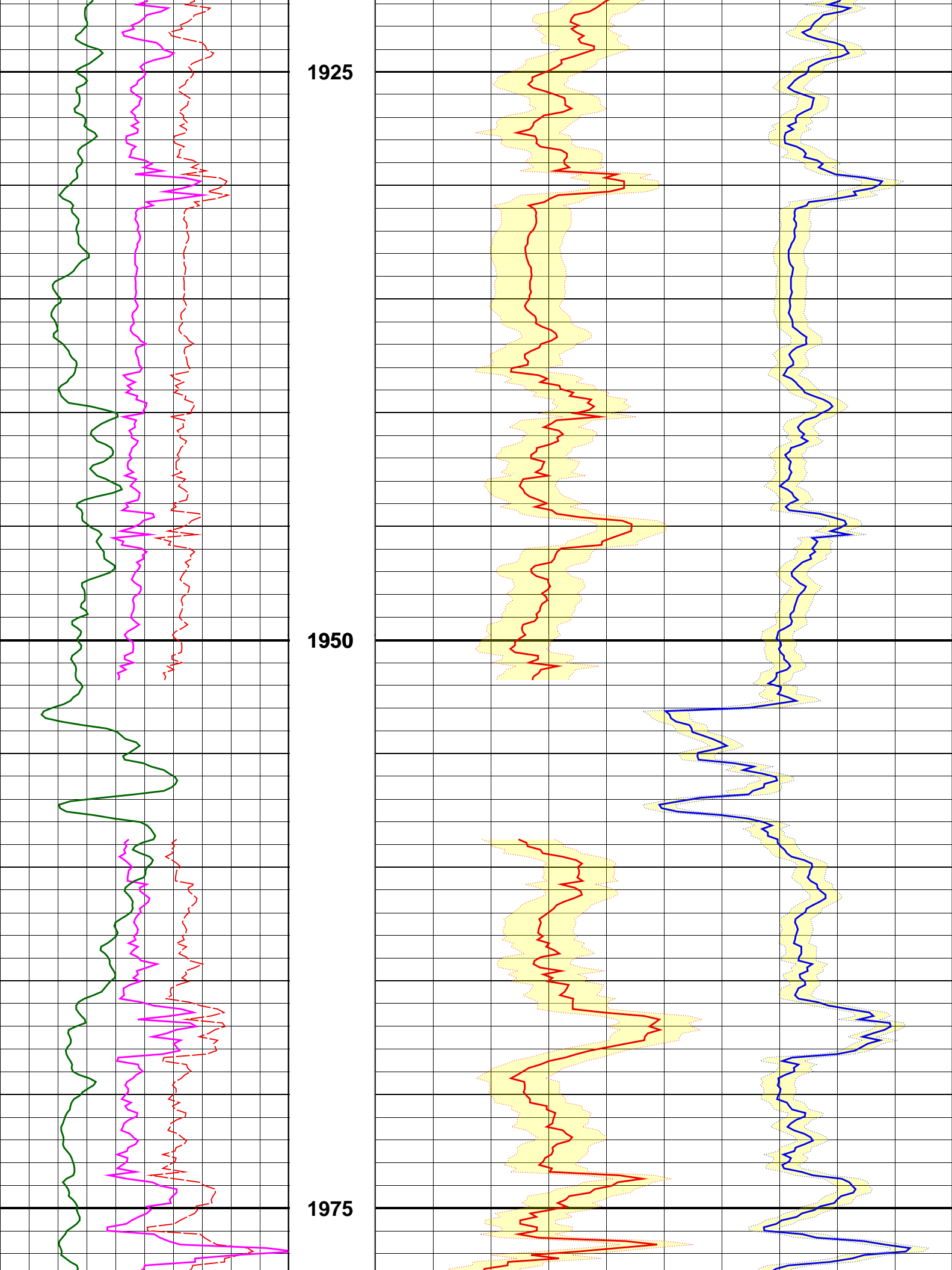


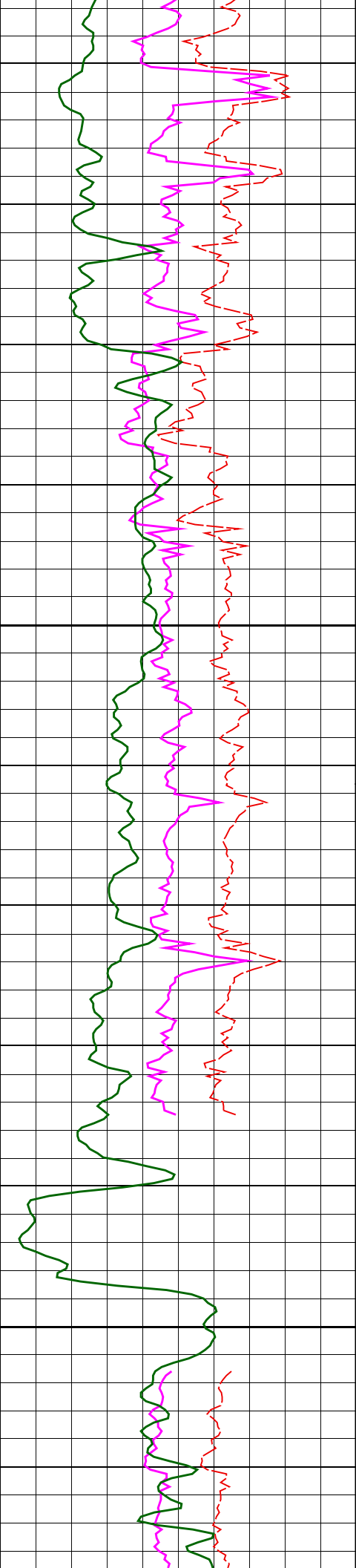


1875

1900

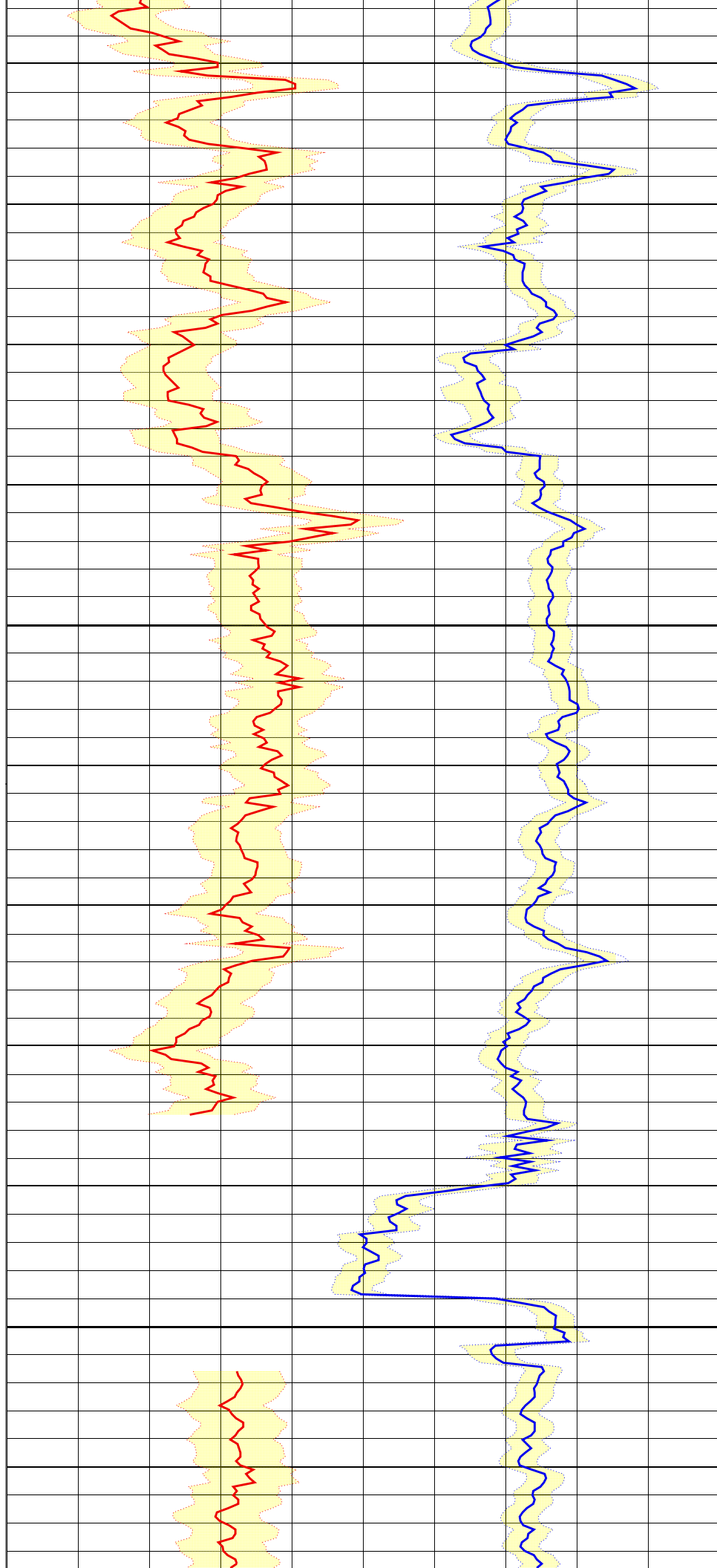


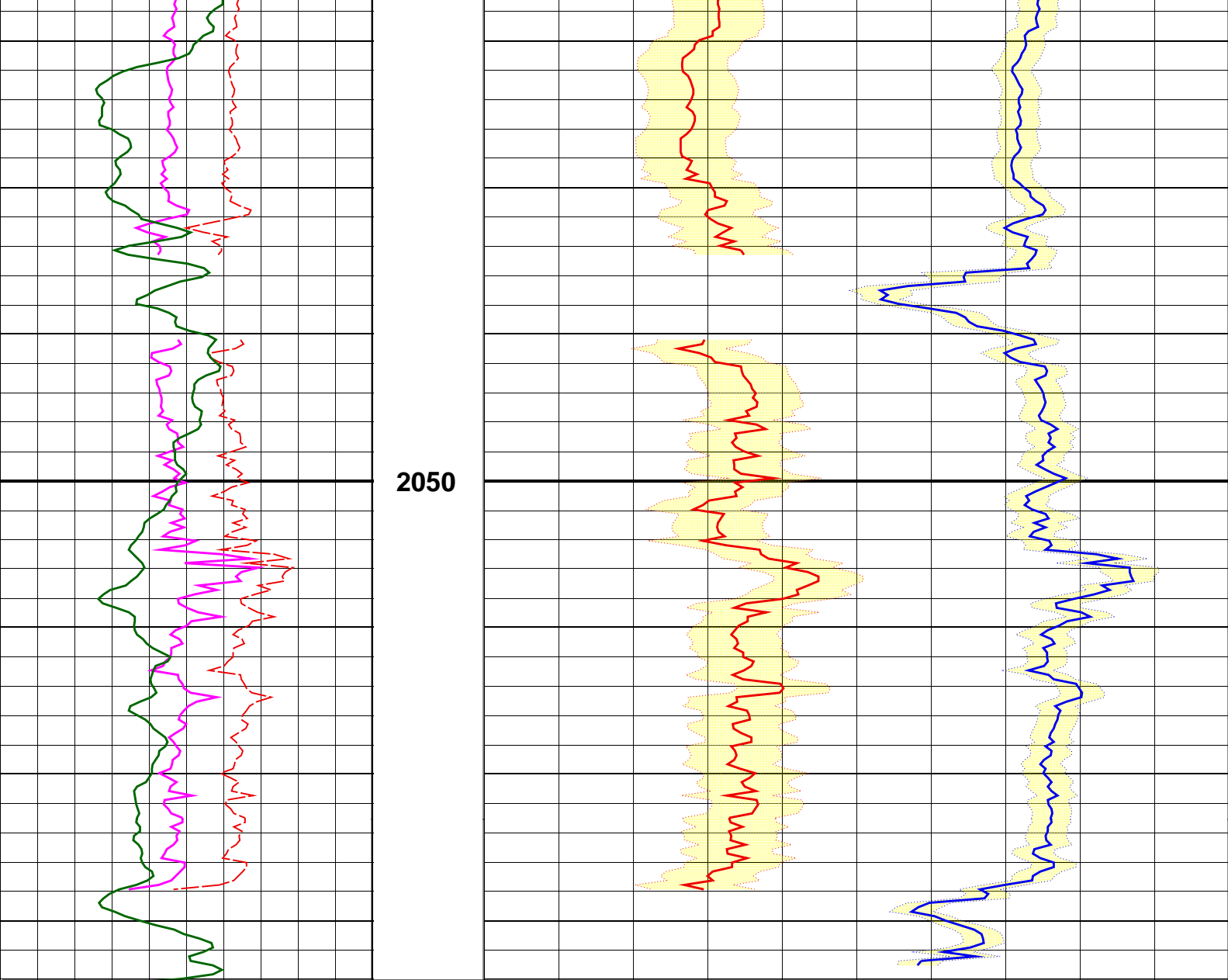




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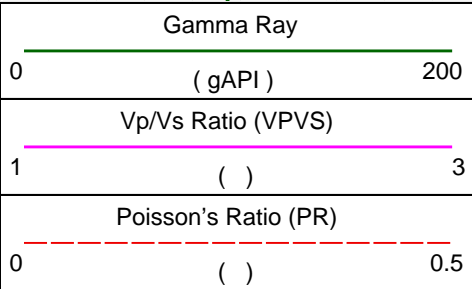
2025



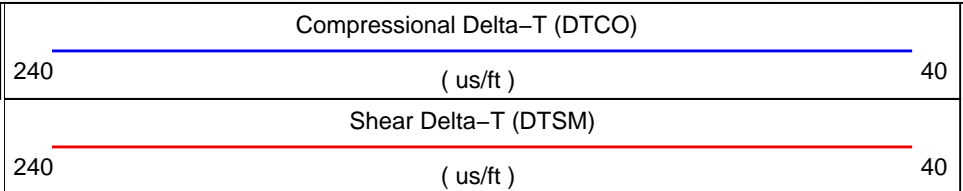


--- Finalization Result ---

1 MPS Compressional	Receiver	Absent levels= 229	
1 MPS Shear	Receiver	Absent levels= 5771	
1 MPS Compressional	Not-DDBHC	Absent levels= 229	*Selected*
1 MPS Shear	Not-DDBHC	Absent levels= 5771	*Selected*



MD  
1 : 200  
m

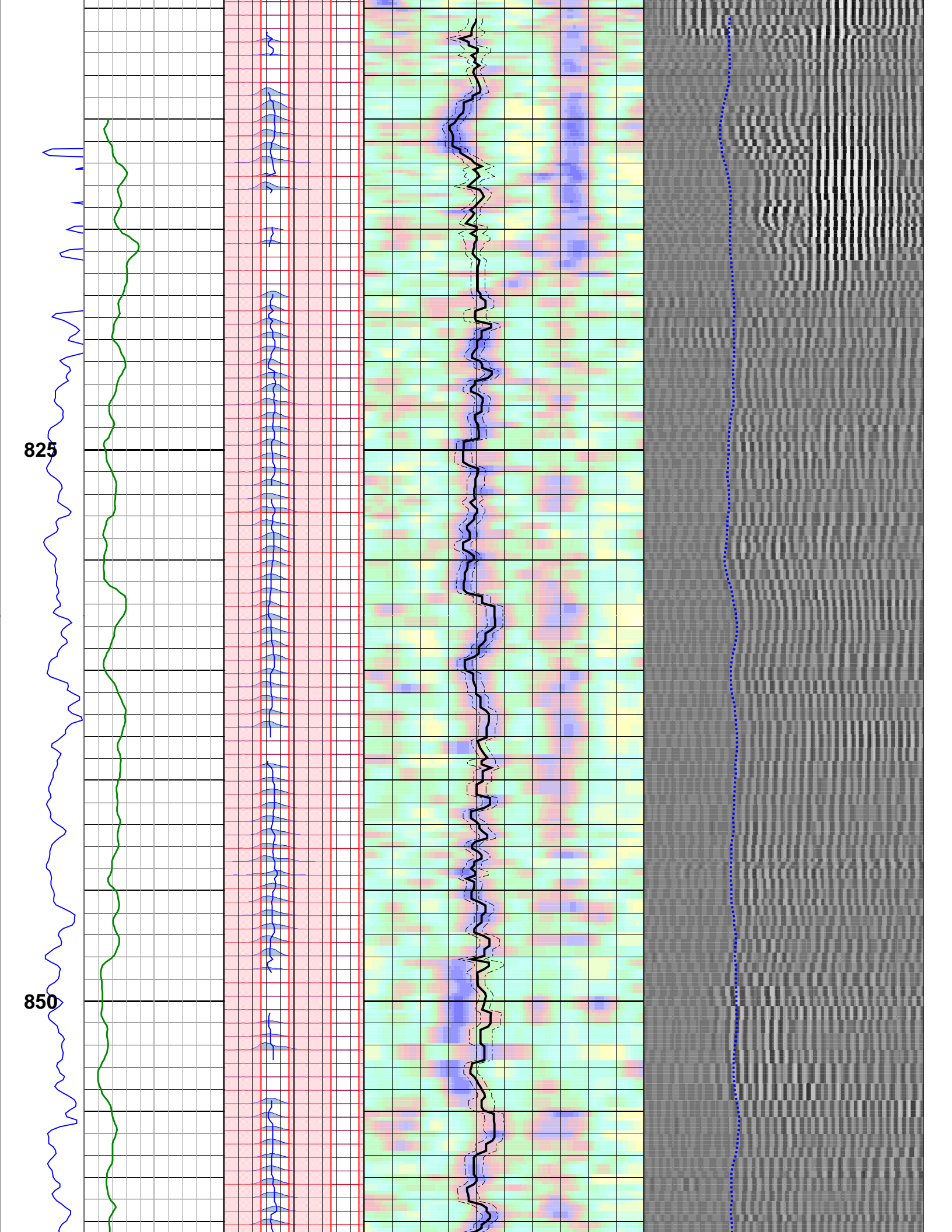




[illegible]

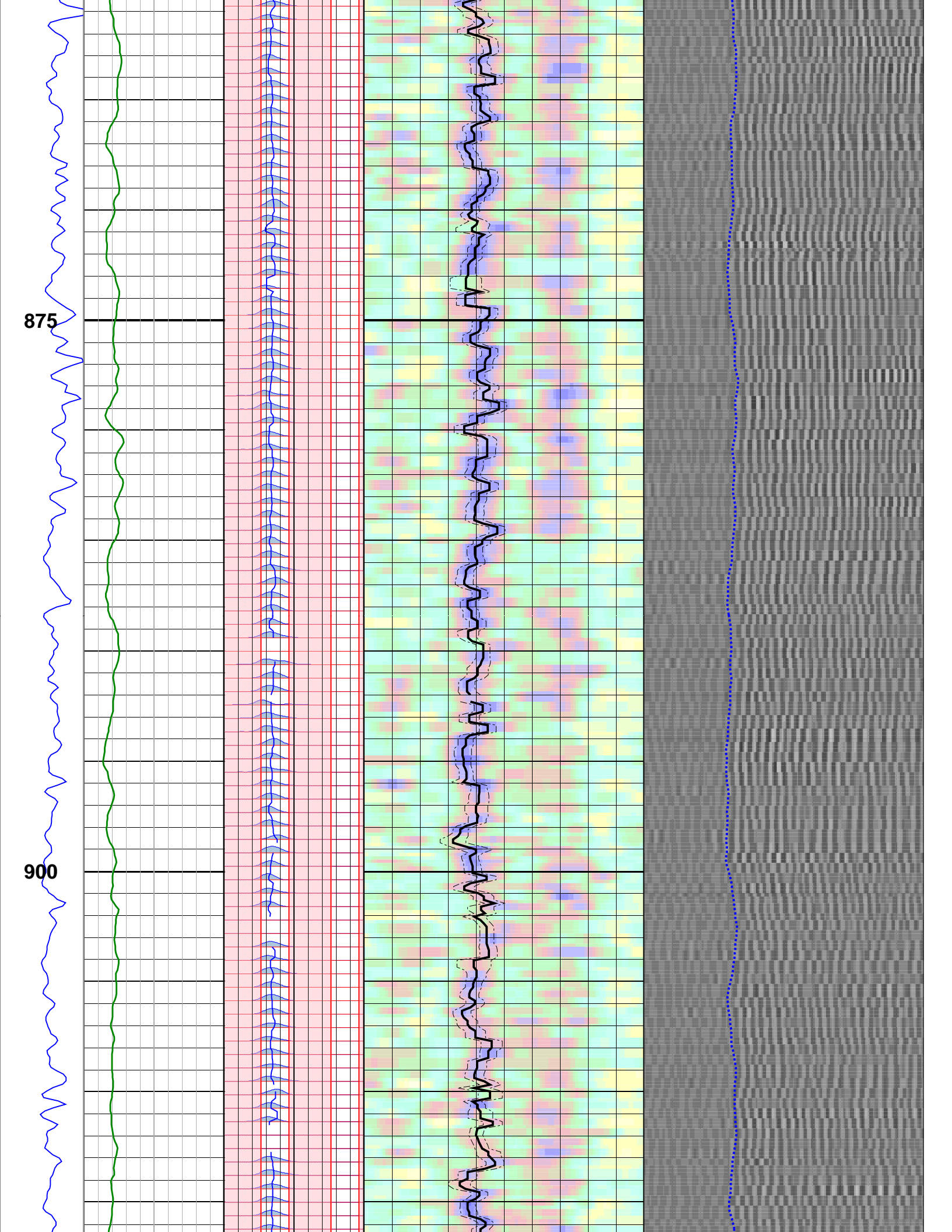
825

850



875

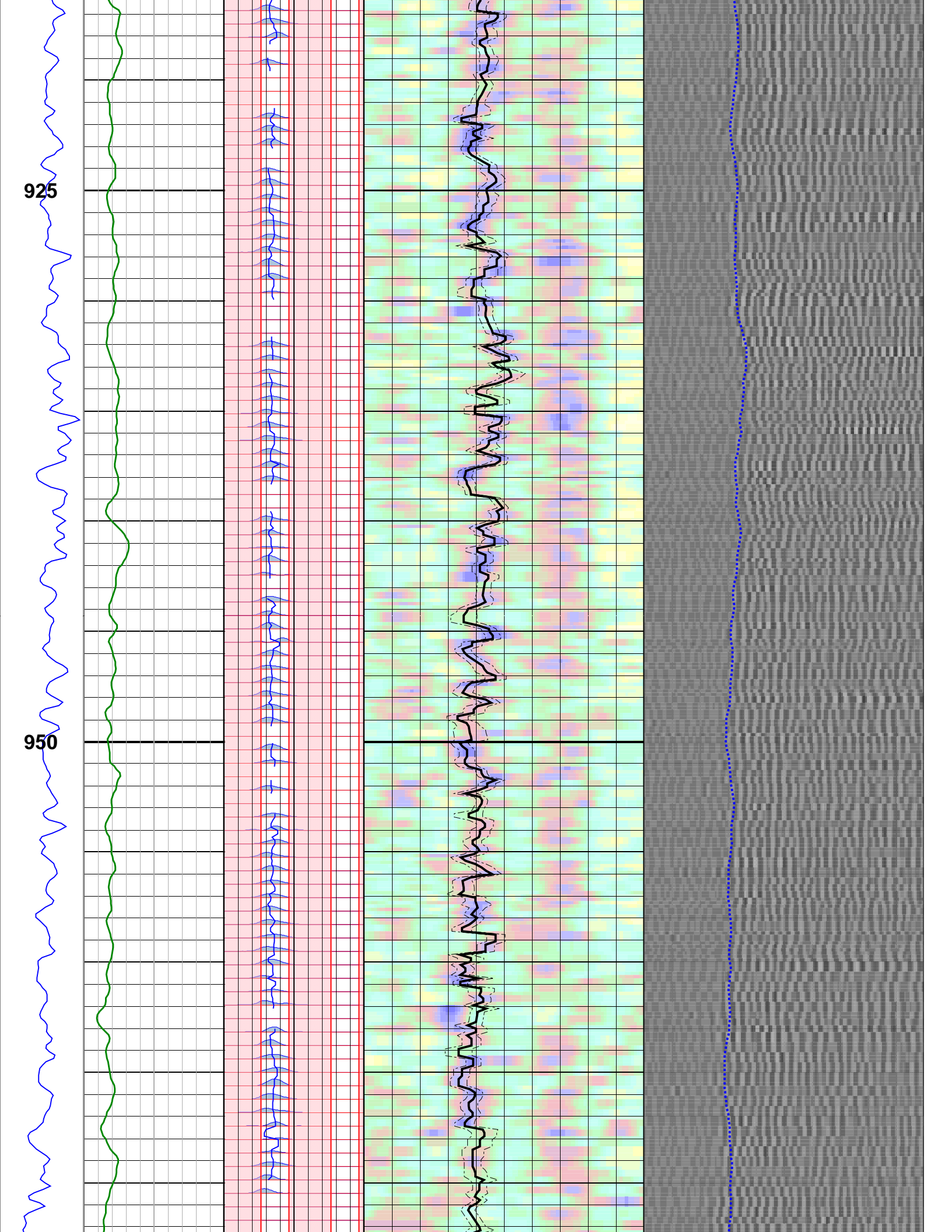
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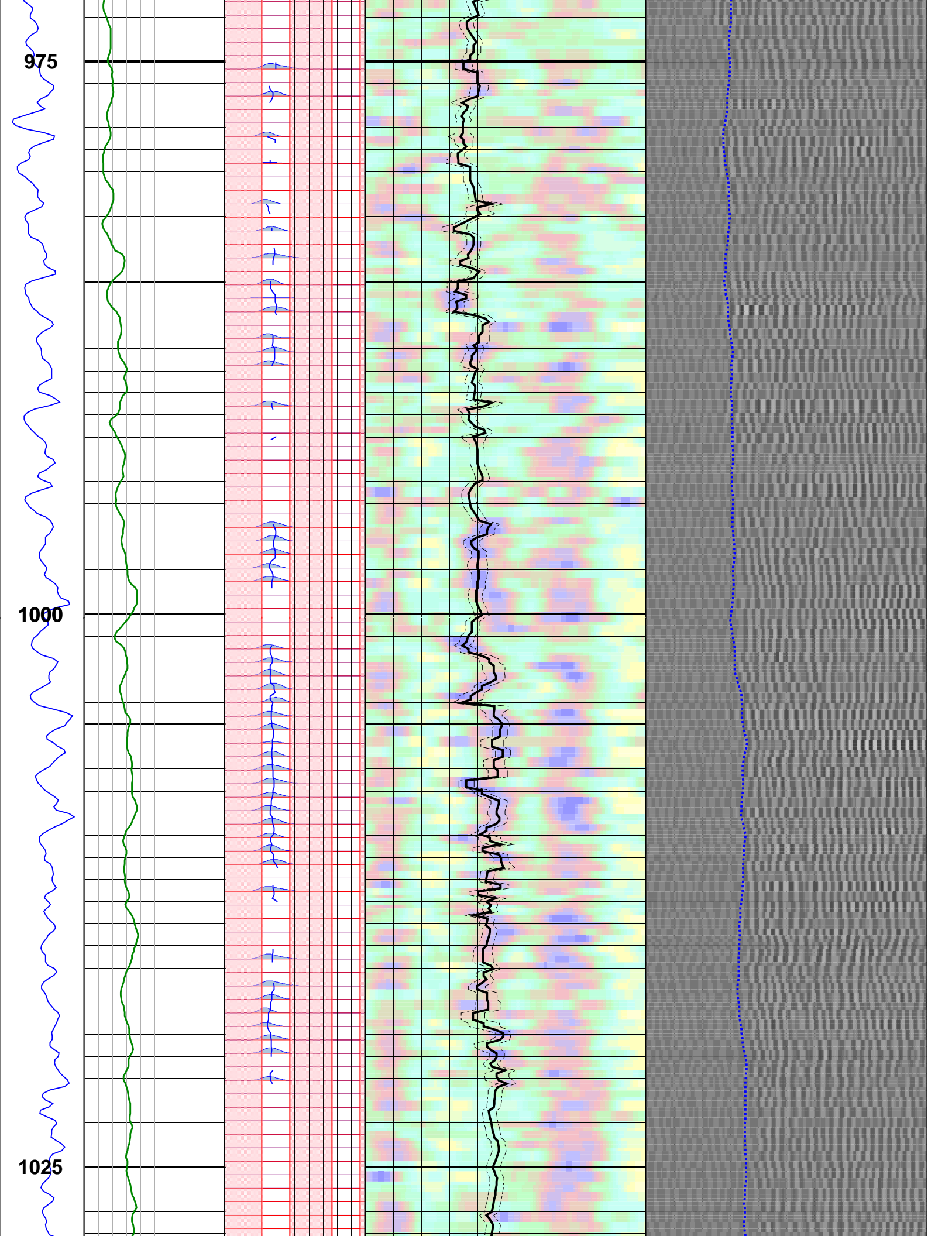




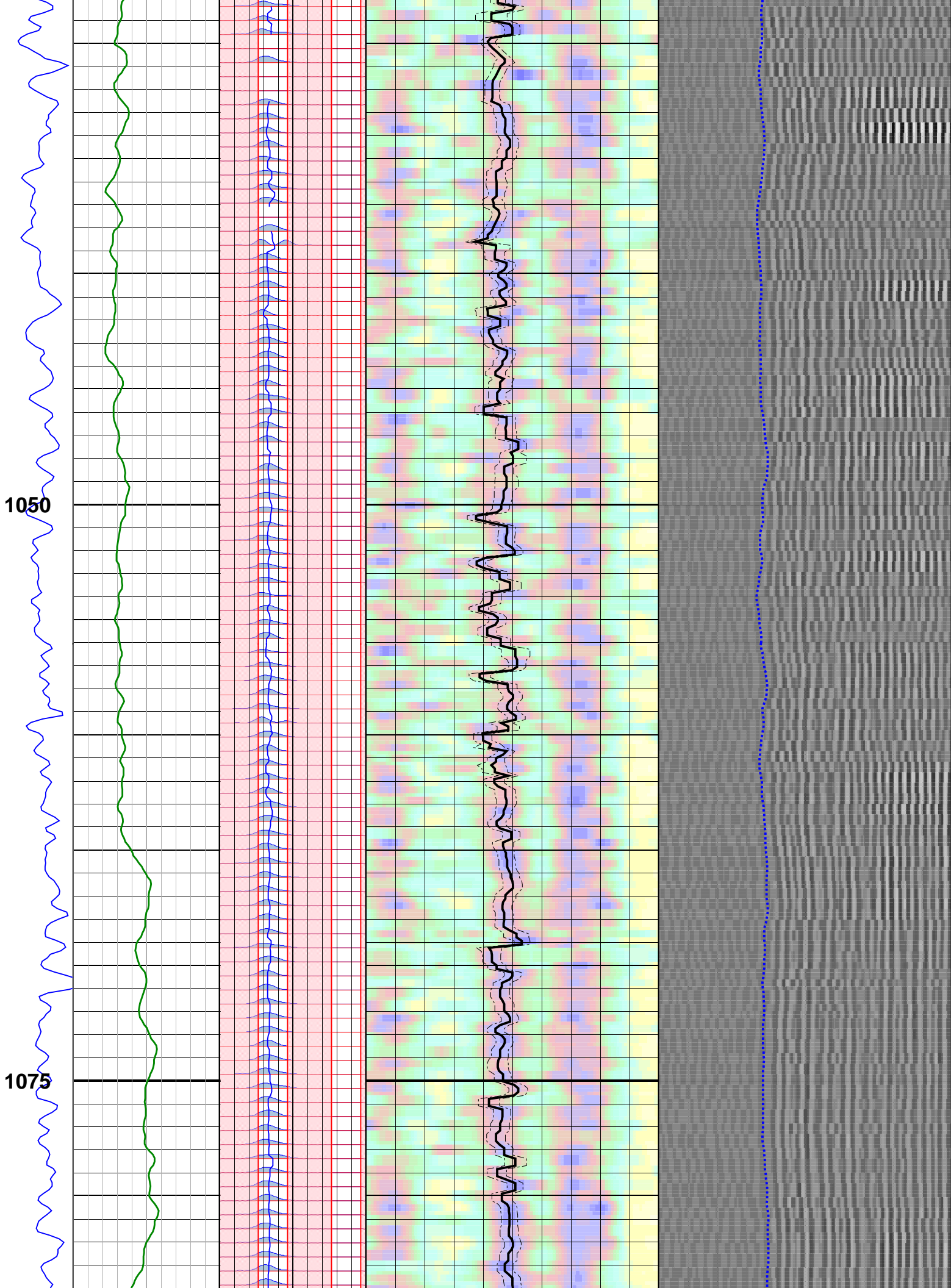
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950



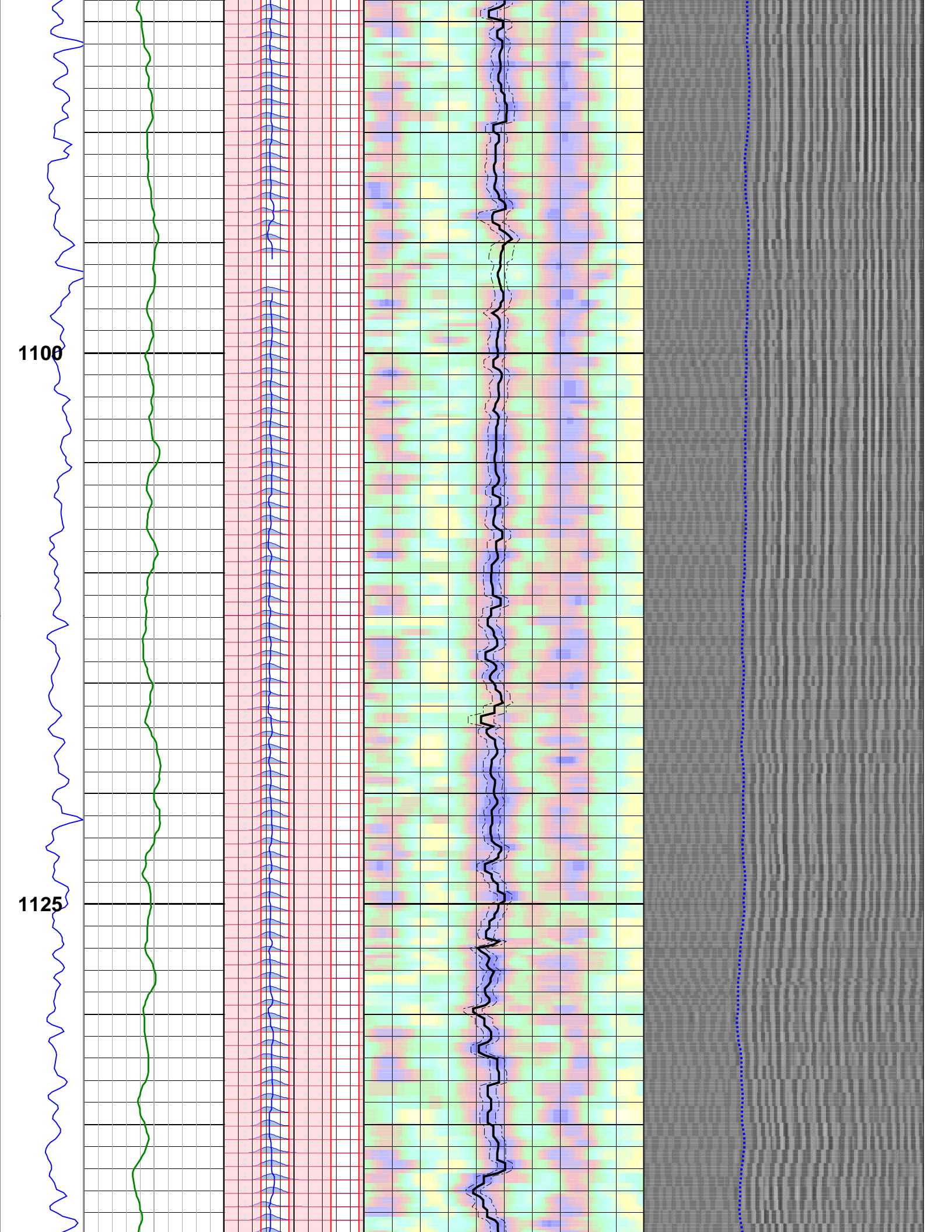






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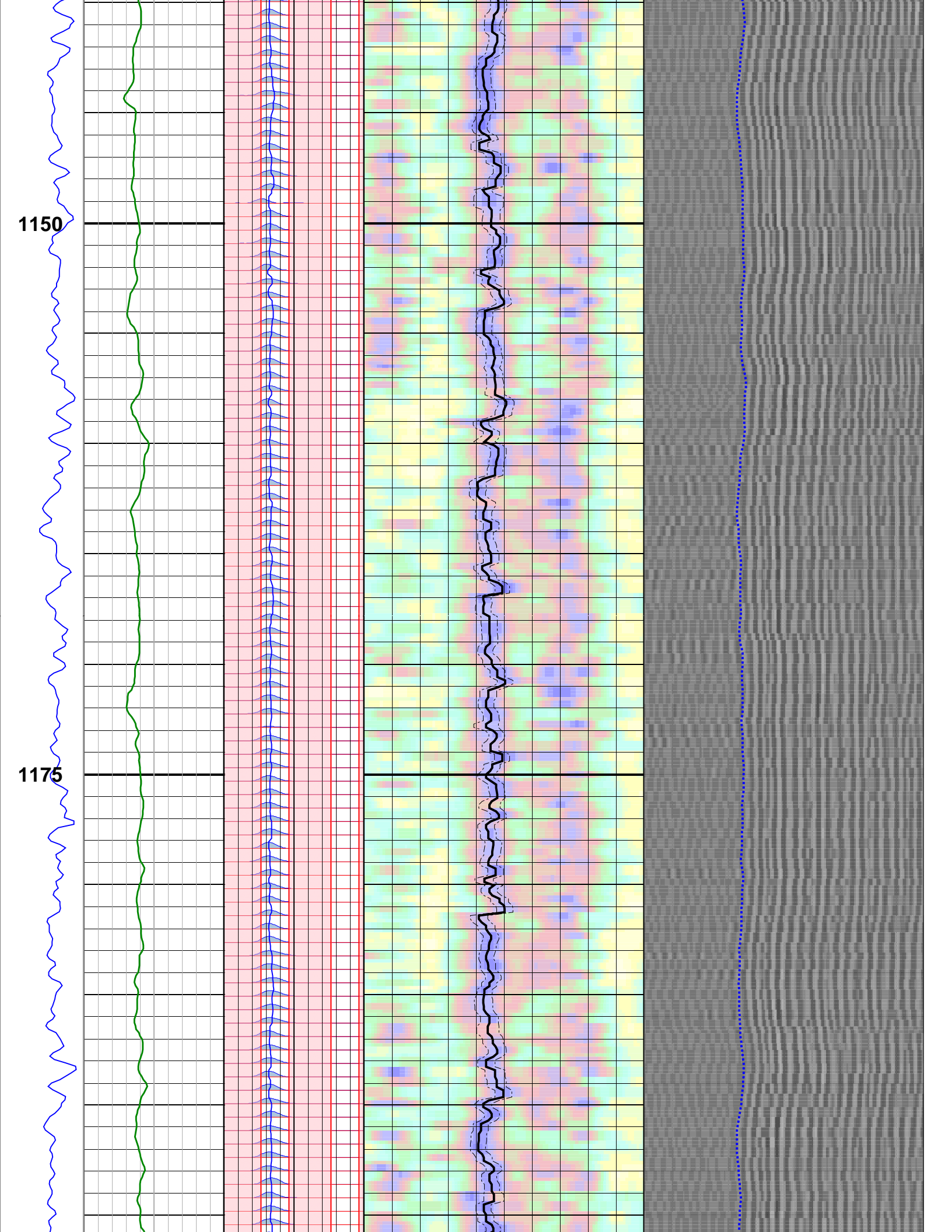
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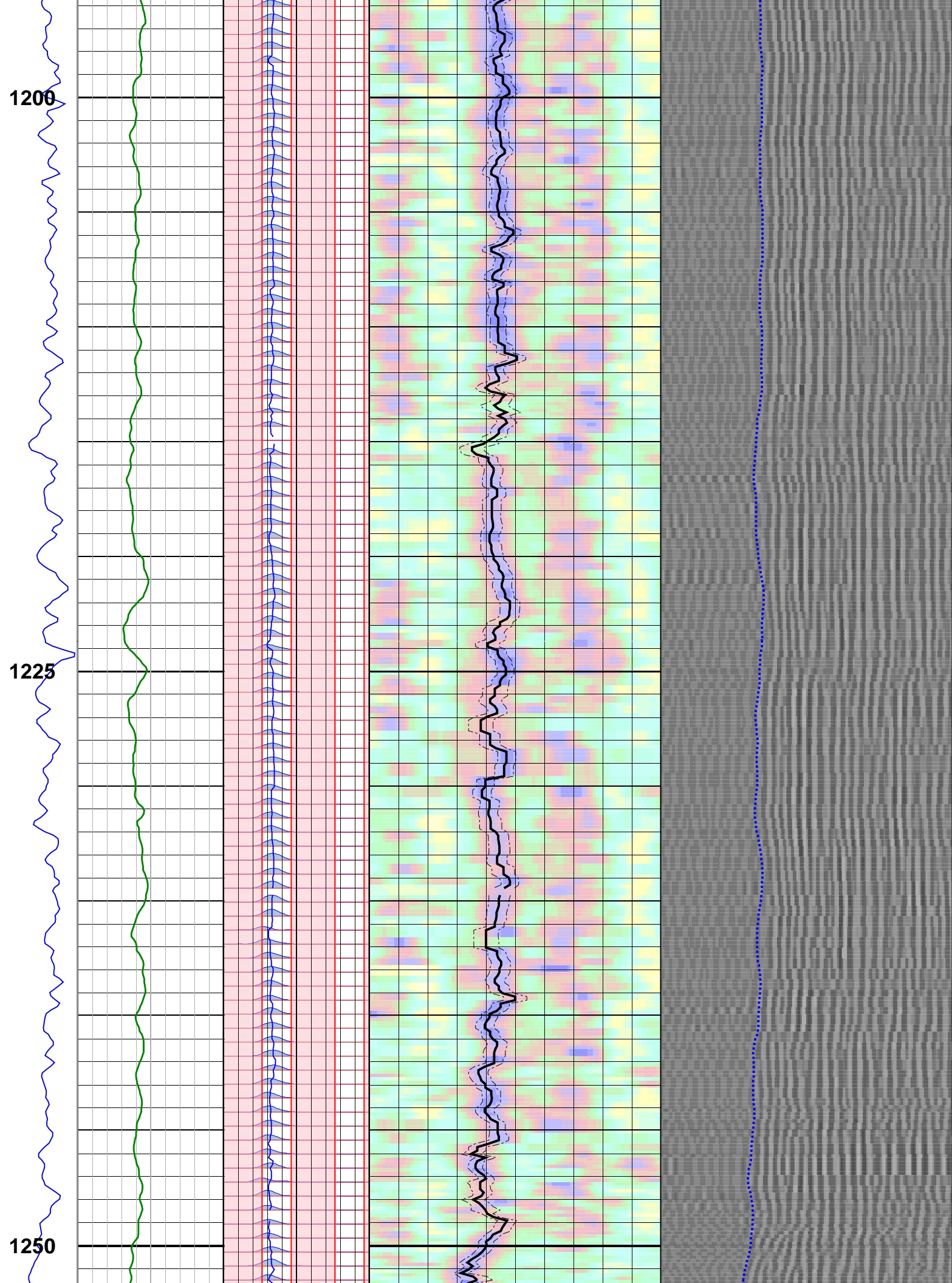




1150

1175

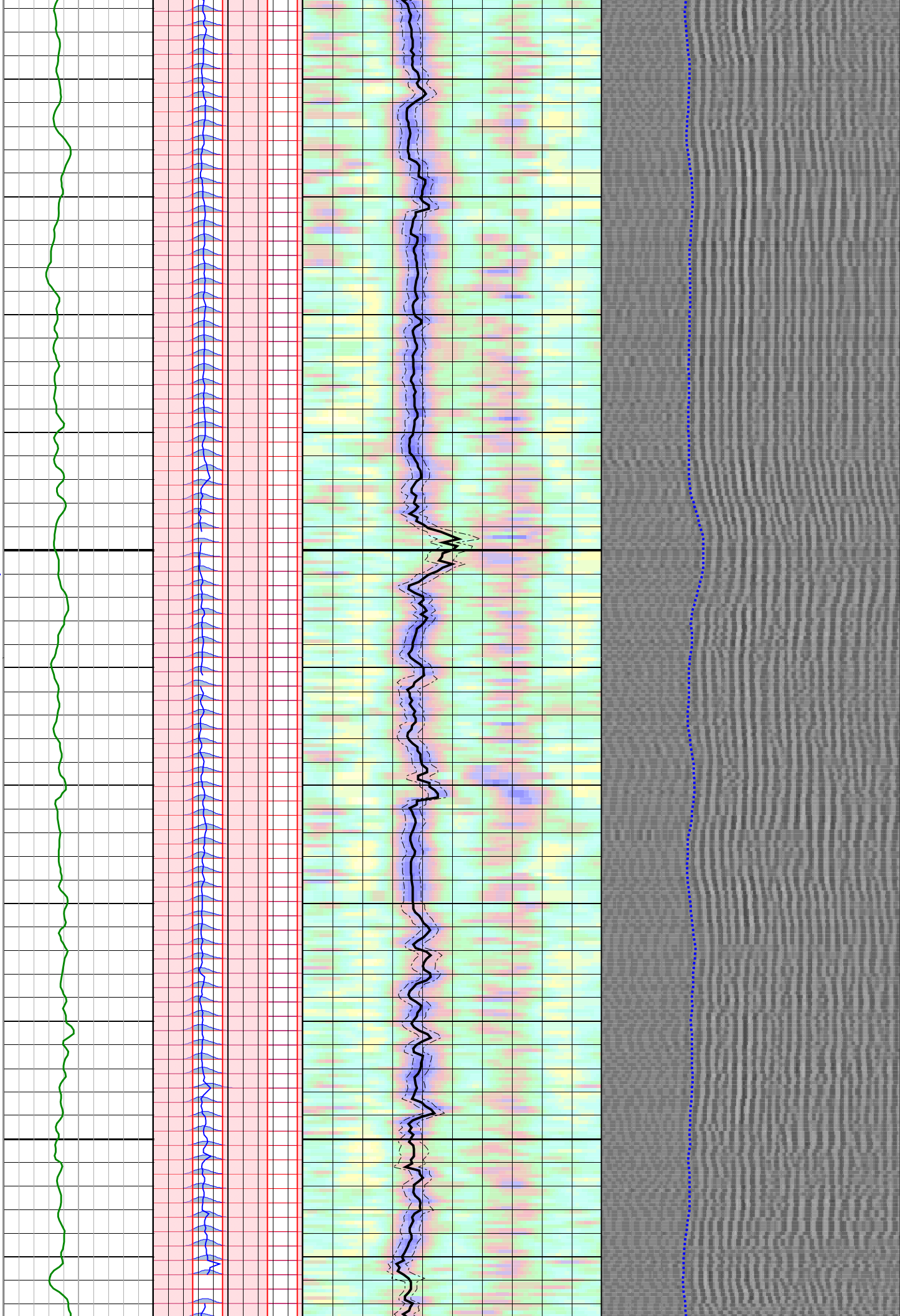






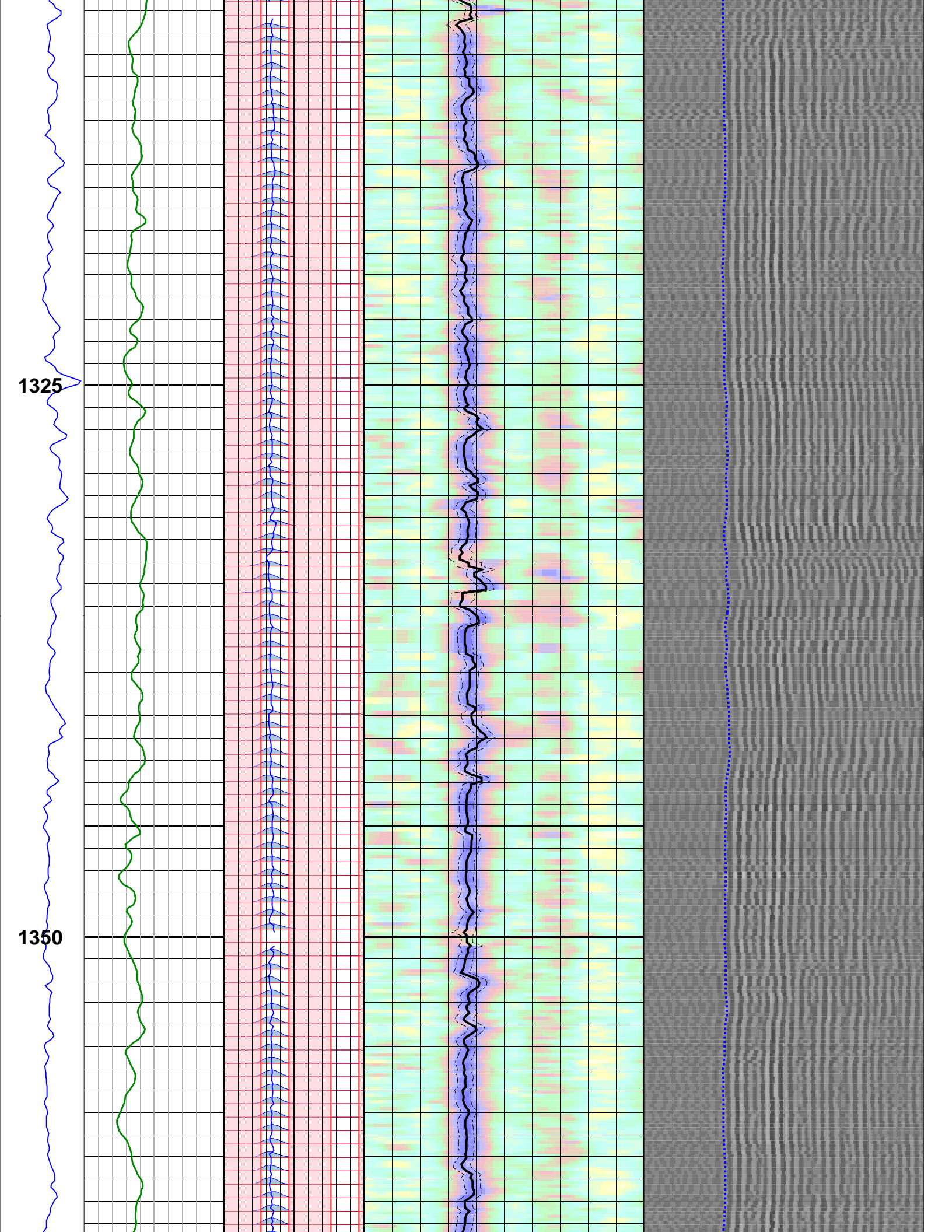
1275

1300



1325

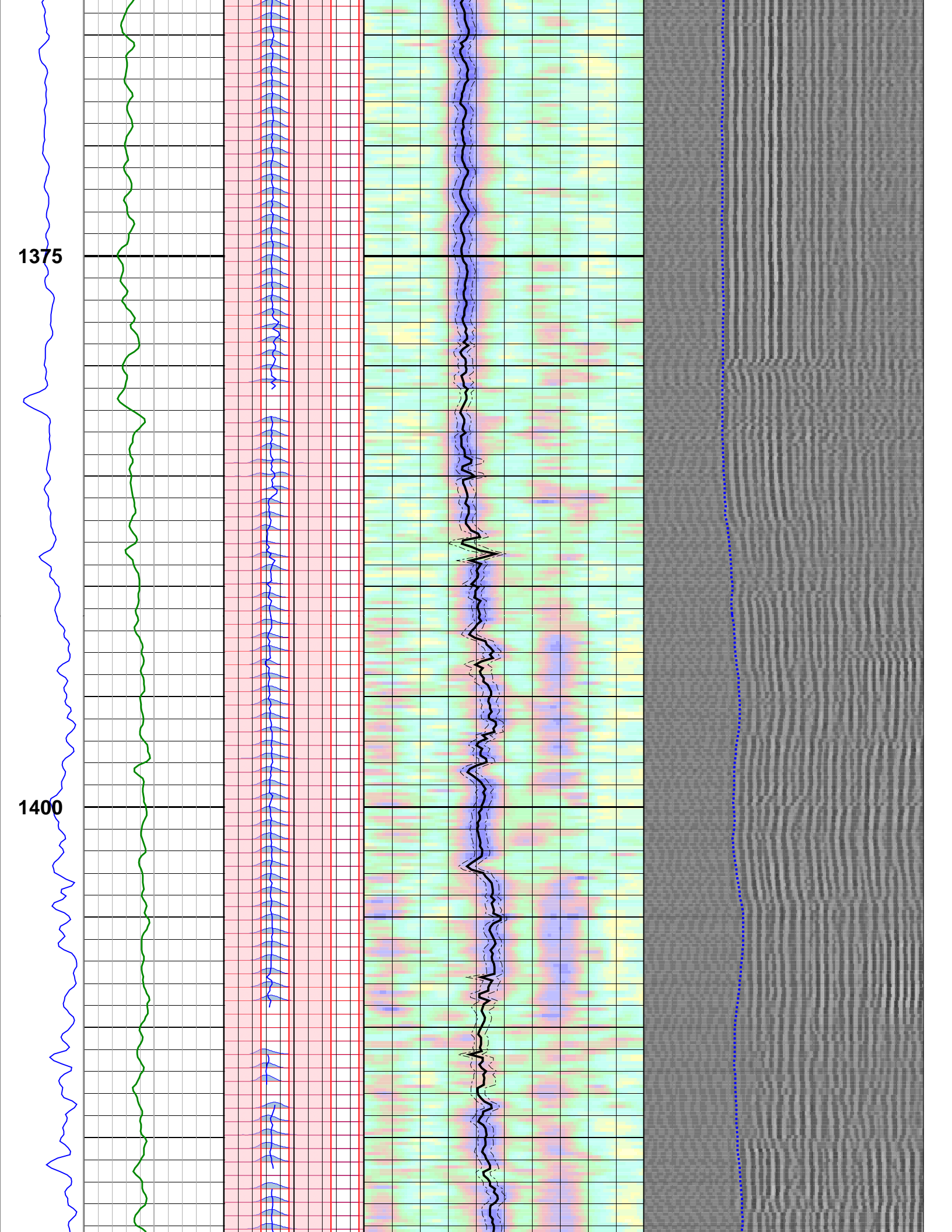
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1375

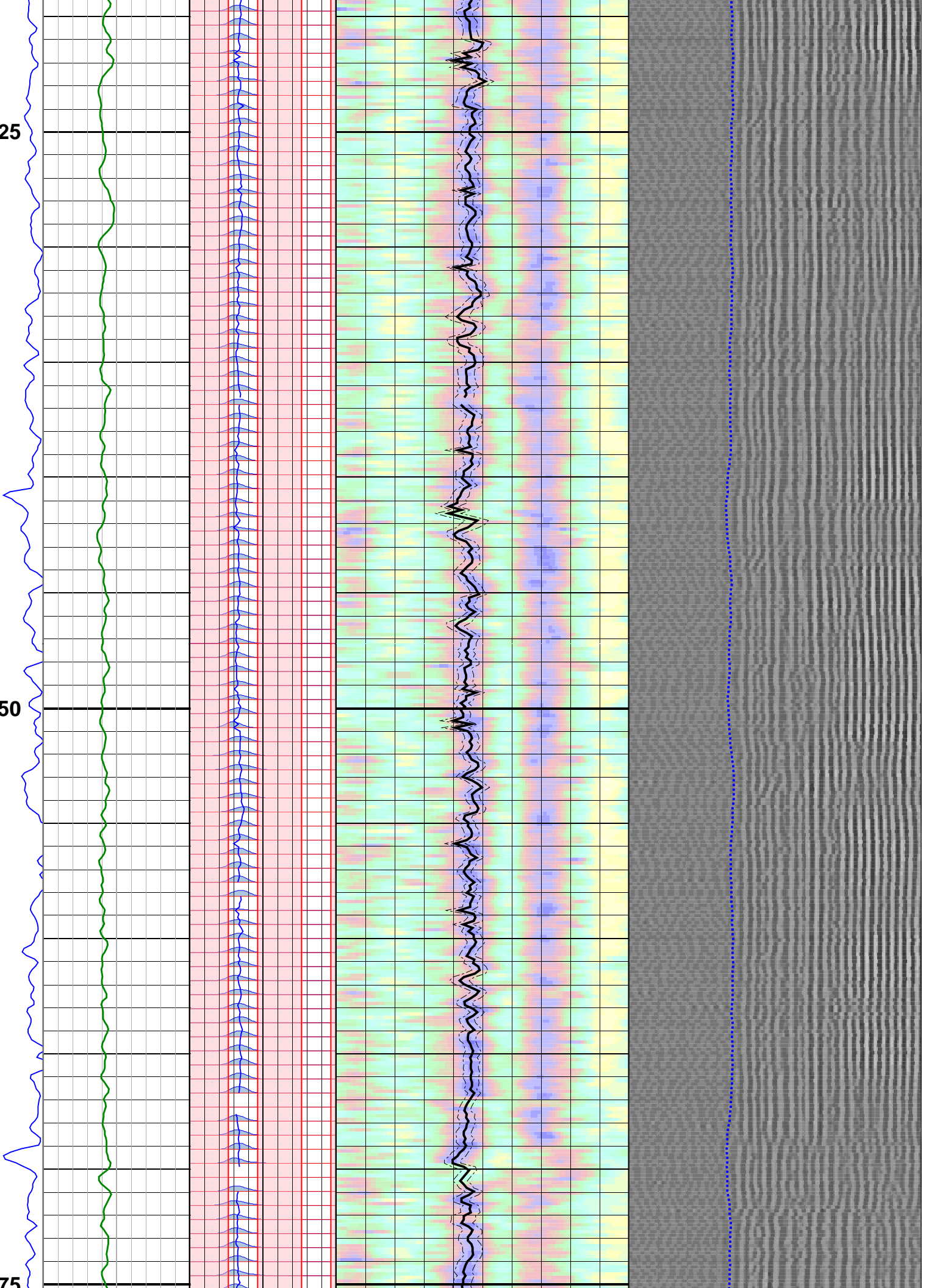
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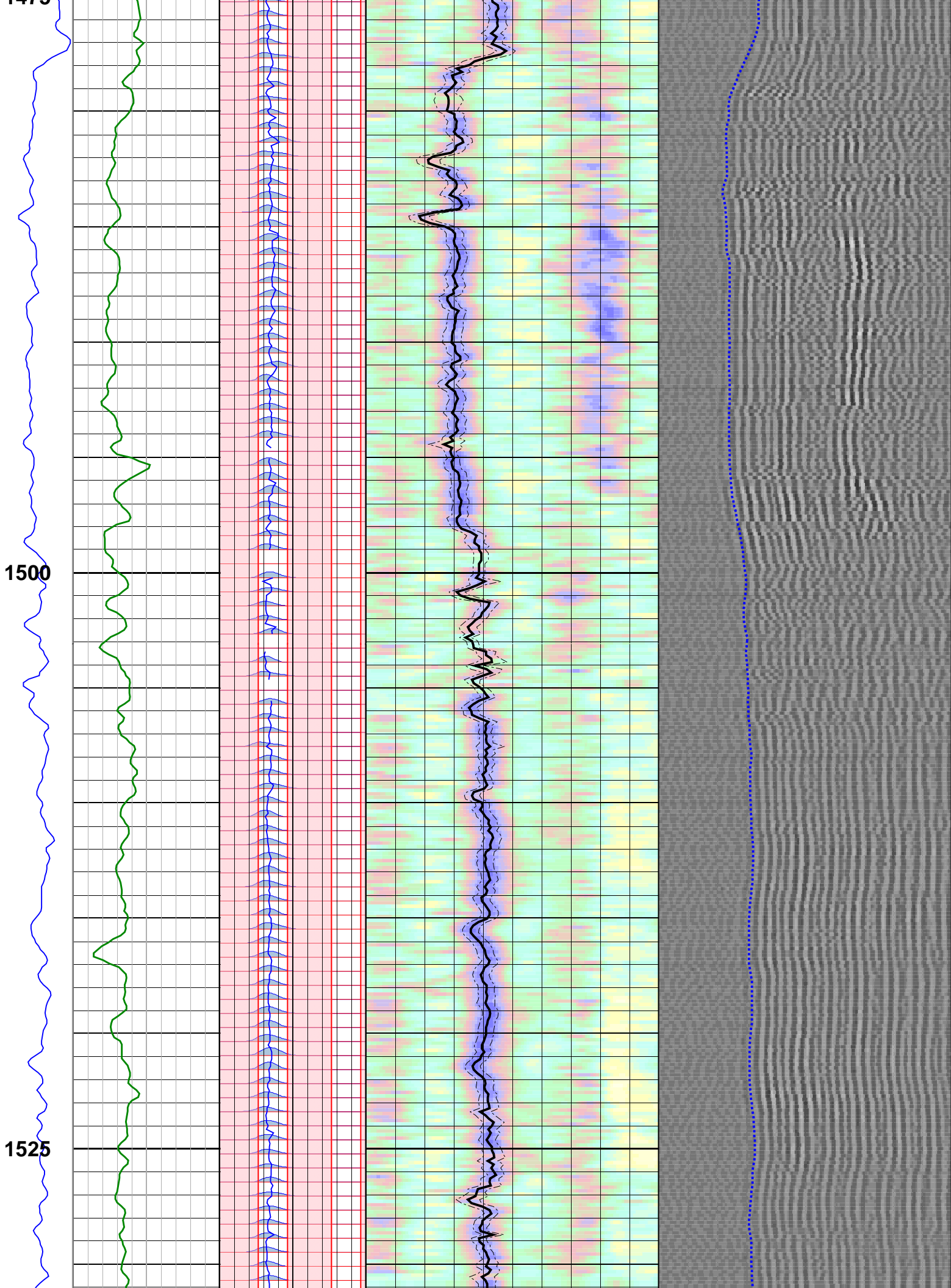
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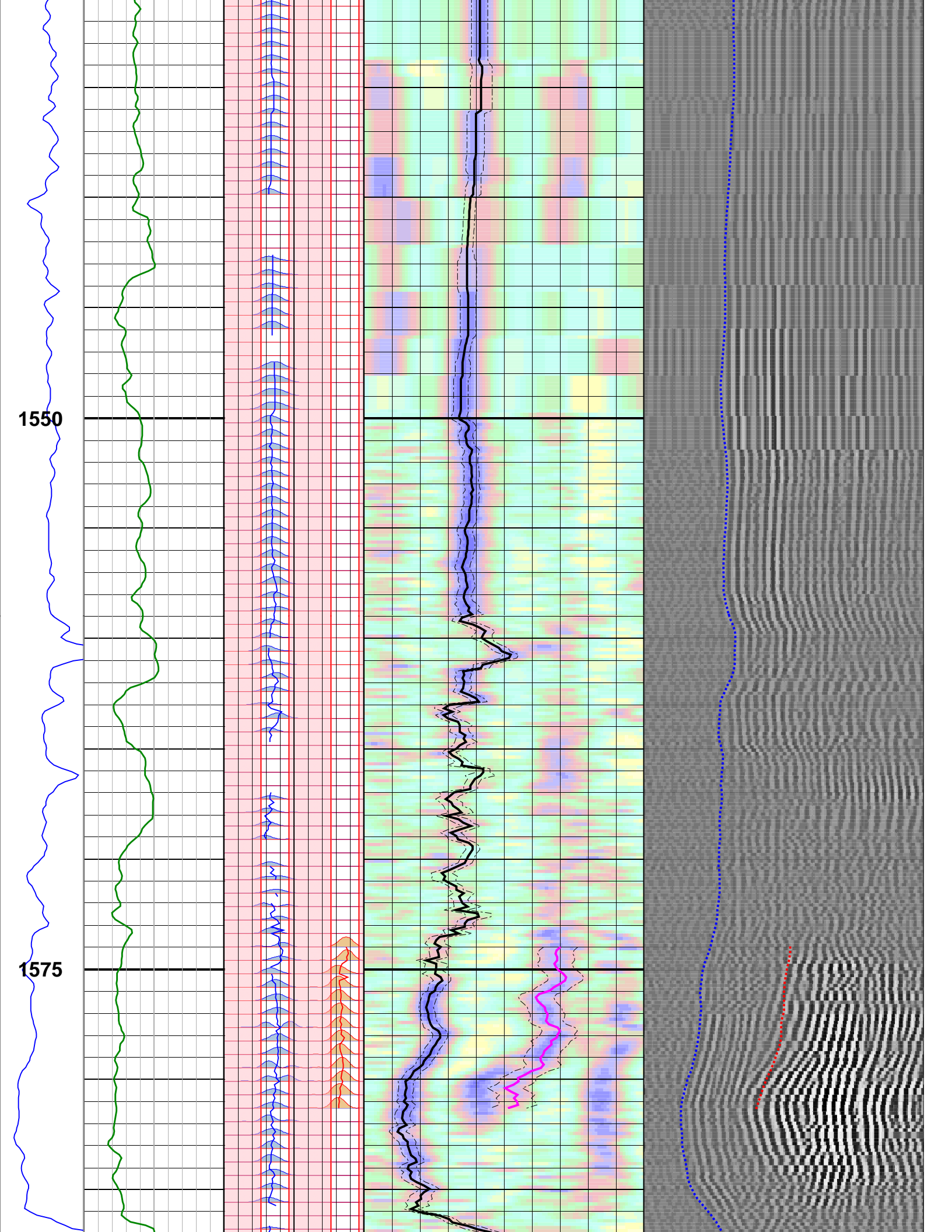
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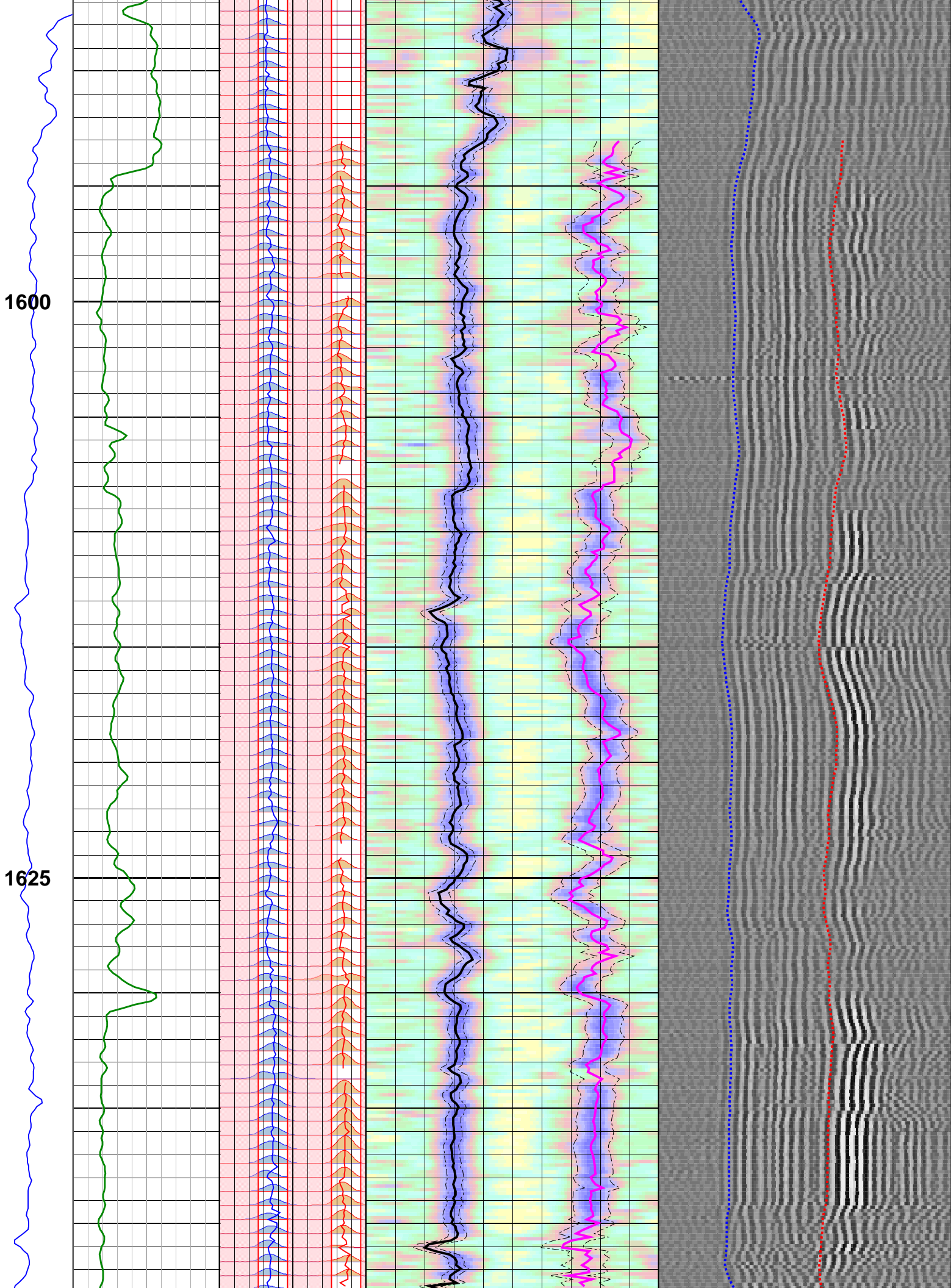


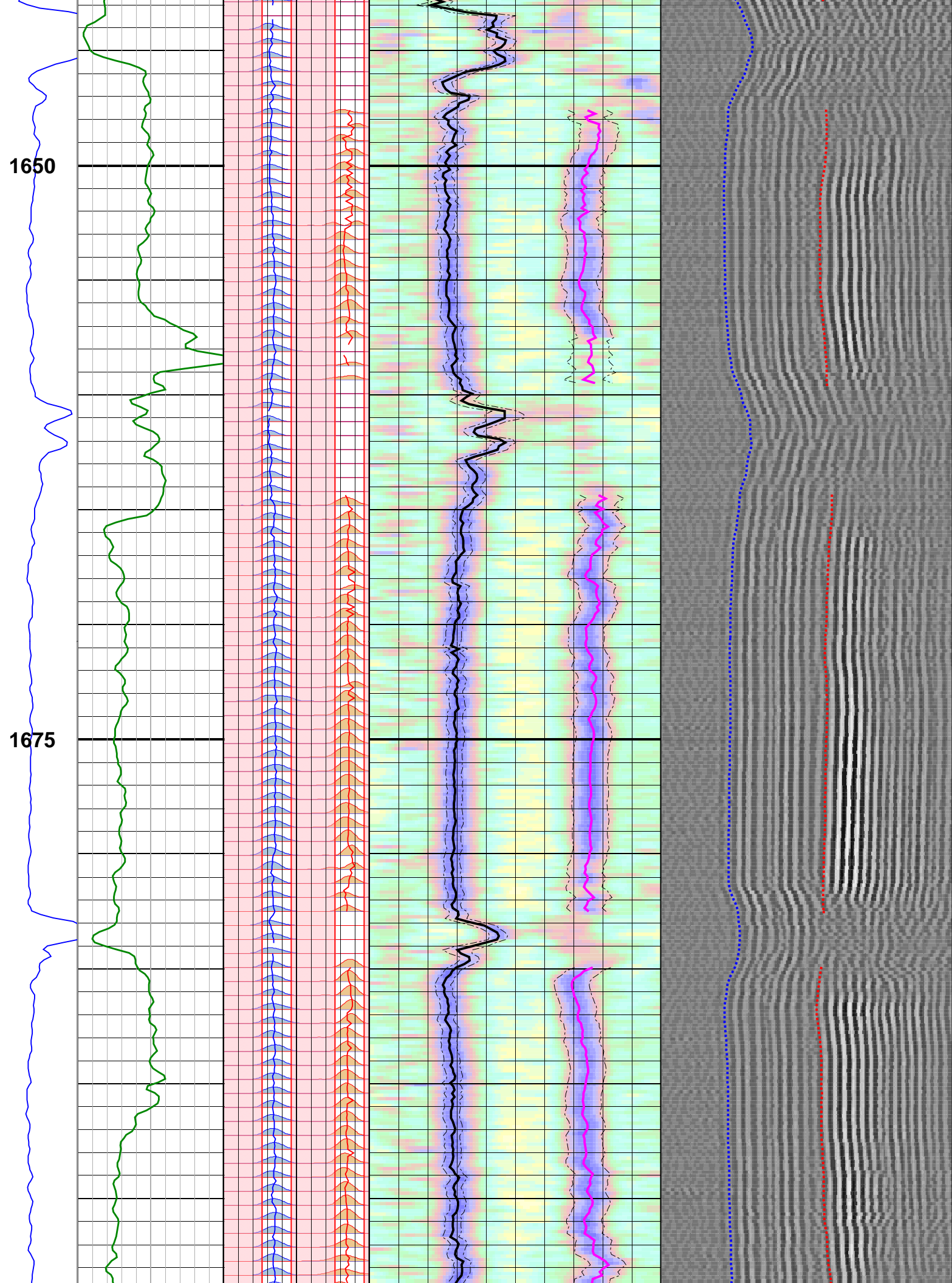










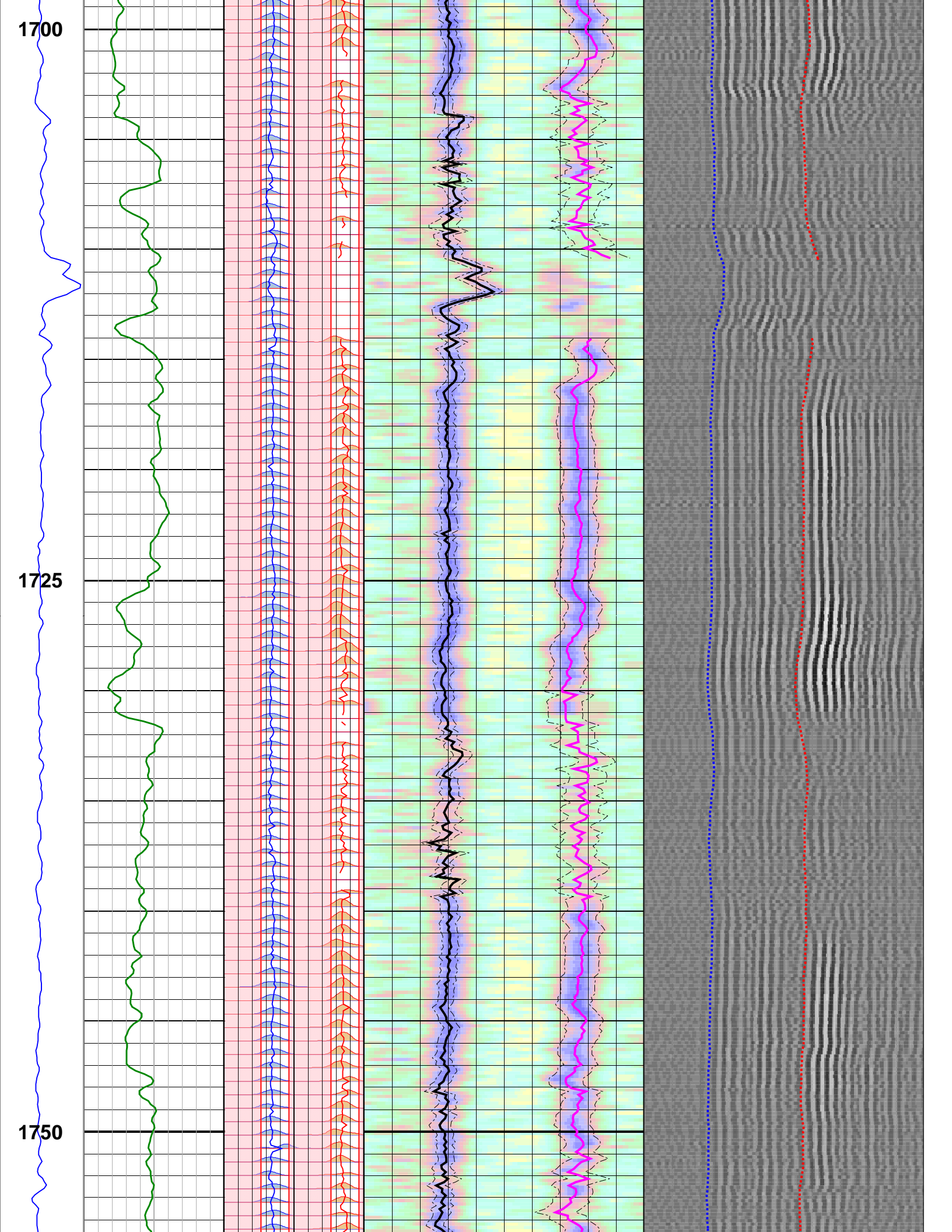




1700

1725

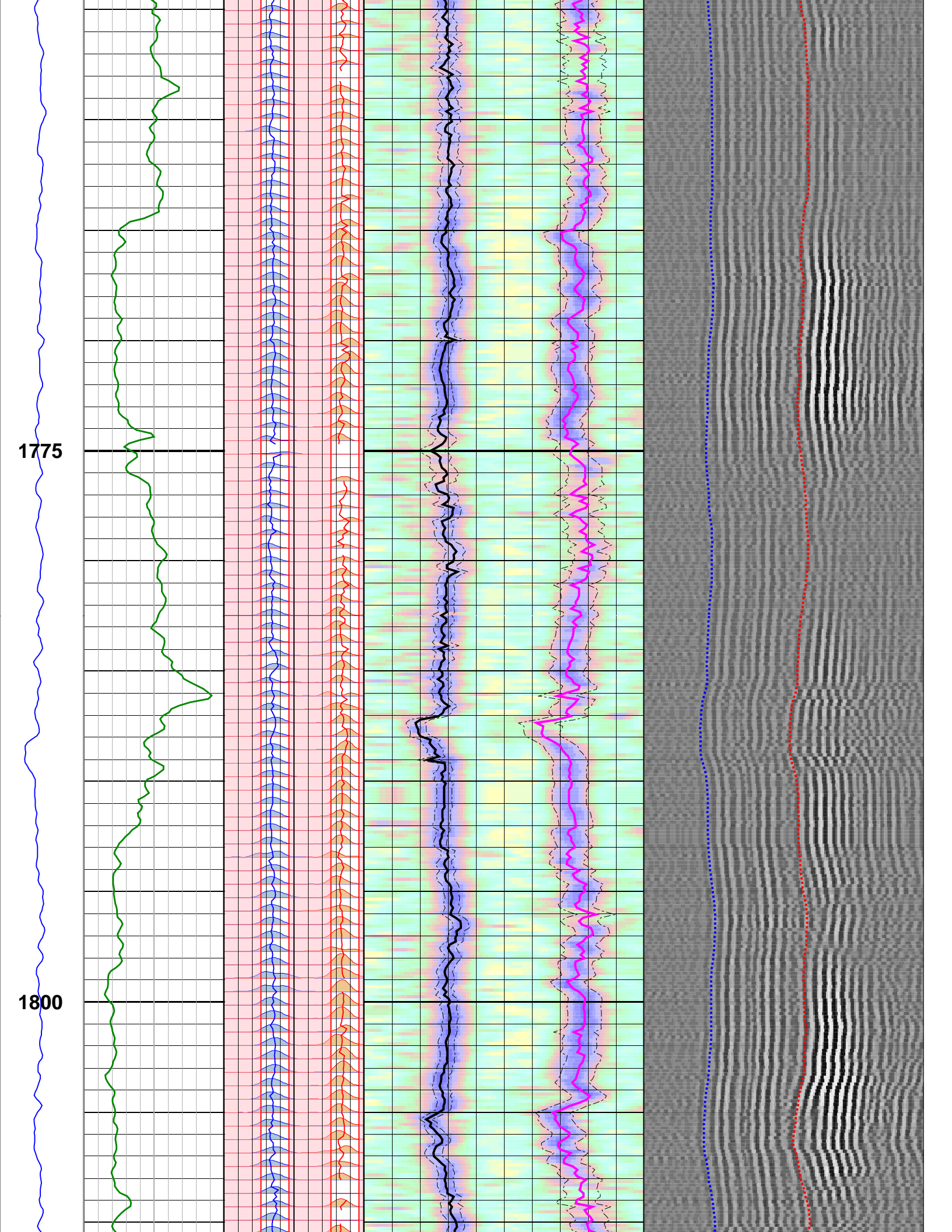
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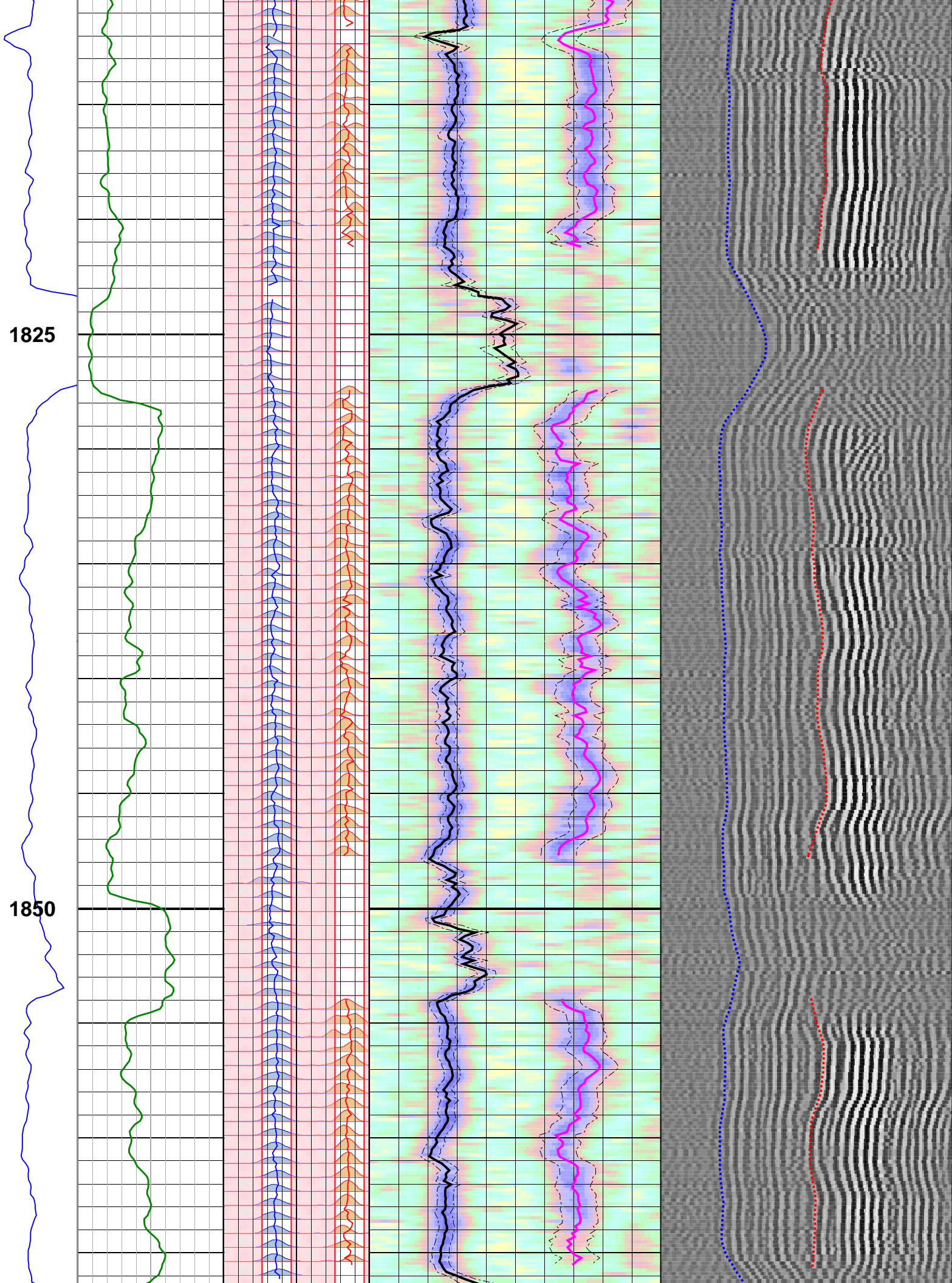




1775

1800

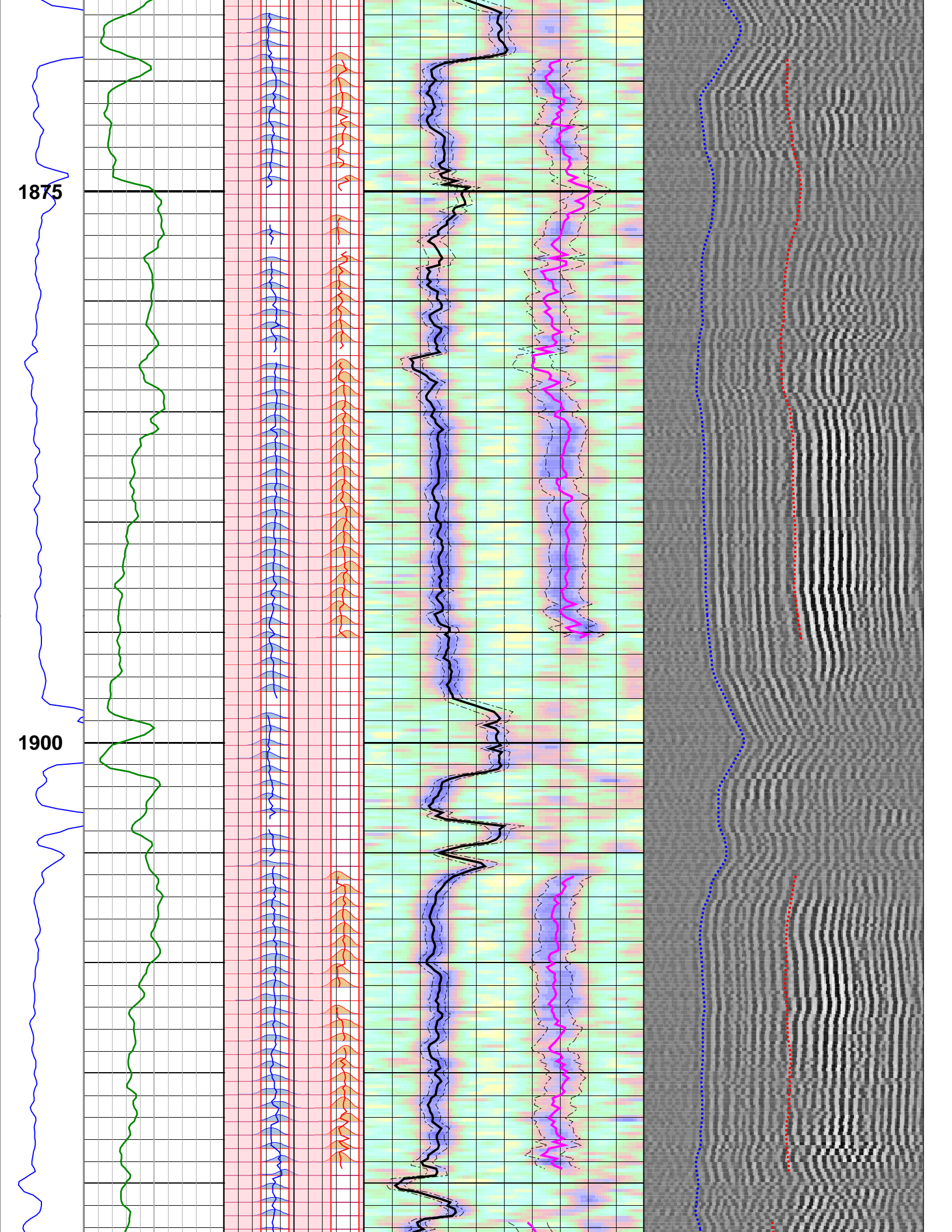


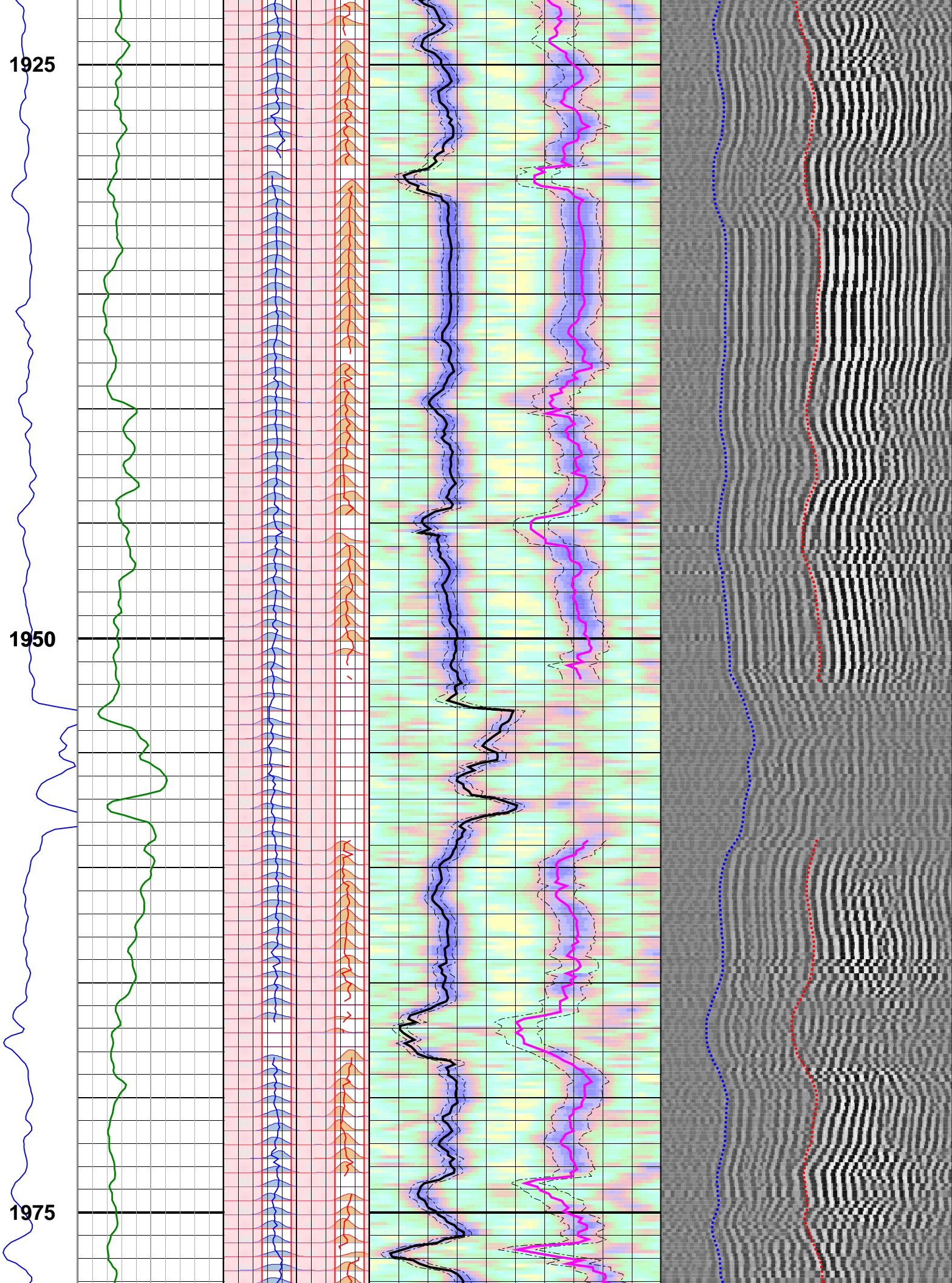




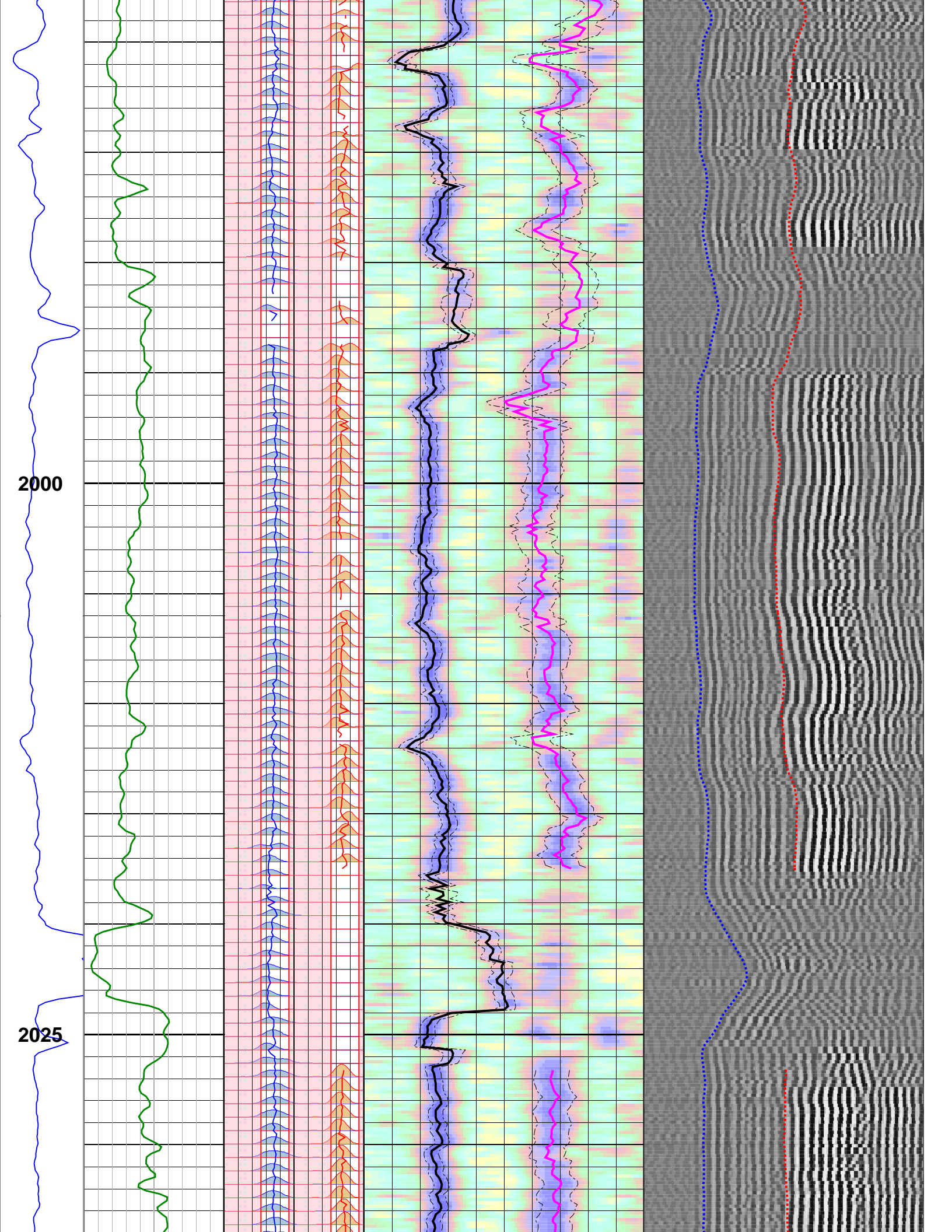
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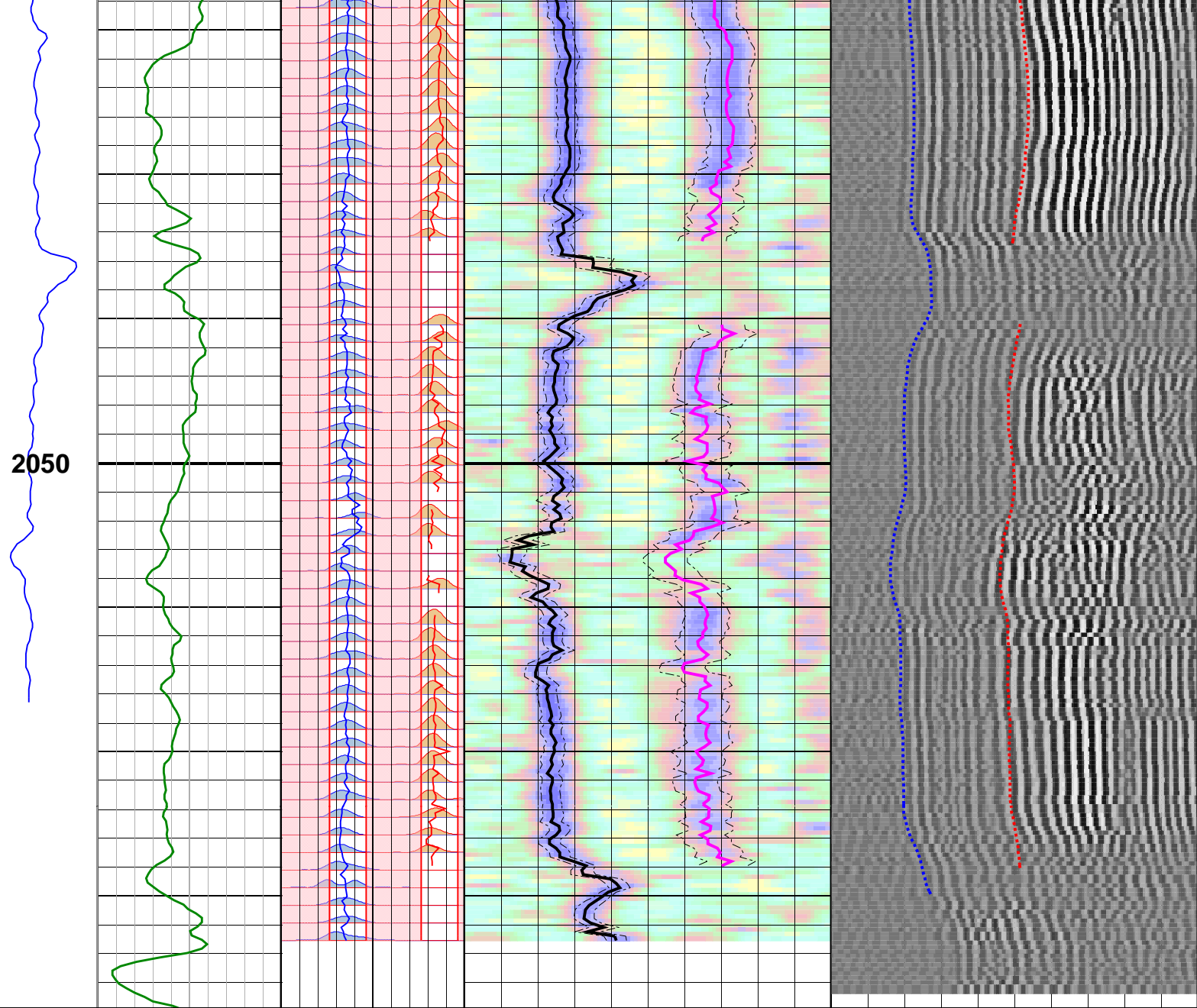
1900












Customized Process: Start Depth (2066.54 m), Stop Depth (770.99 m), Logging Mode (sonicVISION – MPS\_WIDE)  
Noise Cut Filtering(Yes – Median Residual, WS 4000), Casing Cut Filtering(No)  
WF\_FLG(1 1 1 1), MUD\_TYPE(WBM), STCAL(Full Array)  
TRSPAC(3.05714), RRSPAC(0 0.2032 0.4064 0.6096)  
Mud Slowness (no input)  
Hole Diameter (no input)  
Zoning Guide (DTBC\_ISON\_RM@sonicVISION\_Run2\_Drilling\_\_14Sep09\_004612;1 .RECORDED–MODE (770.839 – 2066.54 m)  
Tracking Guide (DTRP@814;2 .CO .MPS\_WIDE .ISONIC .SWP .BDT (2066.54 – 770.99 m))

---- Zone Top Depth (0), Zone Name (Zone1) ----  
SFTY(Intermediate), BHS(OPEN), CSIZ(7), HDM(Fix\*), HD(12.25), DTMUD(200)  
TWI(277.995), SLL(39.7135), SUL(240.267), SST(1.98568), TLL(400), TUL(3378.52), TST(39.7135)  
SBW(2323.24), SBO(297.852), SWD(20), TWD(1742), SEM(0.45), FLENG(63), FLOW(8000), FHIGH(14000)  
TKO\_MODEL\_ORDER(2), TKO\_TOL(50) TKO\_FLOW(0), TKO\_FHIGH(12000)

MD 1 : 200 m	Gamma Ray	CfRS	DtRS	TISS
	0 ( gAPI ) 200	-15000 ( Hz ) 15000	40 ( us/ft ) 240	400 ( us ) 3378
	TNPH	CfRC	DtRC	TICS
Q m3/m3 ) <sup>6</sup>		0 ( Hz ) 30000	40 ( us/ft ) 240	400 ( us ) 3378
		SpcRS	STPrjR	WF VDL

 <p>Diagram showing the SpcRC frequency range from 0 to 30000 Hz. A blue wavy line represents the signal, and a red wavy line represents the noise floor. The range is marked from -15000 Hz to 15000 Hz.</p>	<p>40 ( us/ft ) 240</p>	<p>400 ( us ) 3378</p>
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