



3'5' GR CCL VDL CEMENT BOND LOG

Company	EXTRACTION O&G			
Well	WAAG 24			
Field	WATTENBERG			
County	WELD			
State	COLORADO			
Location:	AP1 # : 05-123-40352-00			Other Services
SHL: 265' FSL & 2323' FWL				
Permanent Datum	GL		Elevation	4868
Log Measured From	KB			
Drilling Measured From	KB			
SEC 19 TWP 7N RGE 65W				Elevation
				K.B. 4893
				D.F. 4893
				G.L. 4868

Run Number	1		
Depth Driller	11912		
Depth Logger	7350		
Bottom Logged Interval	7350		
Top Log Interval	0		
Open Hole Size	7.75		
Type Fluid	H2O		
Density / Viscosity	8.4		
Max. Recorded Temp.	220		
Estimated Cement Top	SEE LOG		
Time Well Ready	1700		
Time Logger on Bottom	SEE LOG		
Equipment Number	14166		
Location	LONGMONT		
Recorded By	N. SOUTHAM		
Witnessed By	SHAWN MCINTYRE		

Run Number	Bit	From	To	Size	Weight	From	To
Raising Record		Size		Wgt/Ft	Top		Bottom
Surface String		9.625		36	0		850
Root String							
Production String		5.5		17	0		11912
Inner							

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All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and shall not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our employees or agents. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Remarks:	Rig:CRANE	Prints:2	Service Order #132074374
THANK YOU FOR CHOOSING WEATHERFORD WIRELINE FOR THIS JOB. YOUR CREW TODAY WAS			
N. SOUTHAM G. BROWN E. PRESTON			
THIS LOG WAS RAN FROM DEEPEST REACHABLE DEPTH TO SURFACE OPEN ENDED AT COSTUMER REQUEST			

BHT		EQUIPMENT DATA			
Bit Size		Run No.	Tool Type	Tool No.	Other
Surface Pressure		1	CTBA	323	
Shut In		1	GRBA	233	
		1	CENB	210	
		1	SBTA	238	
		1	CFNA	216	

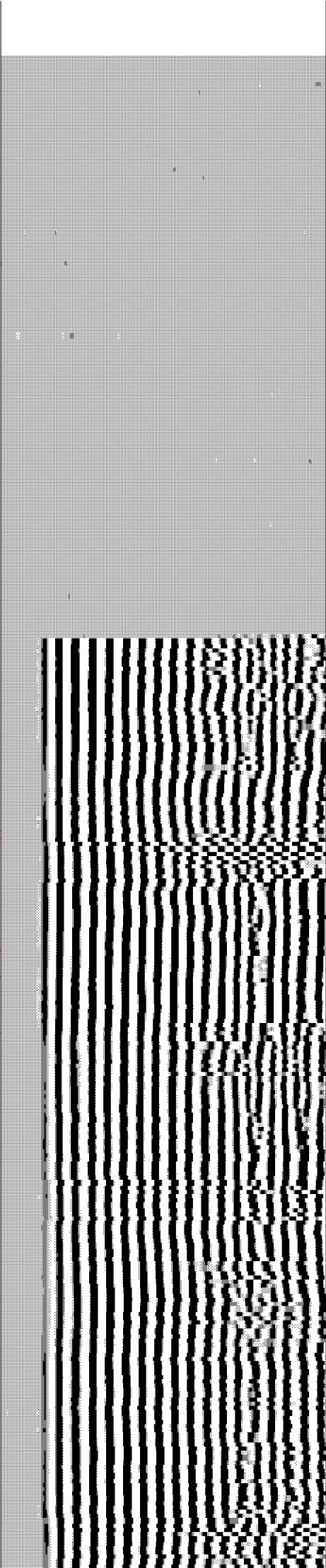
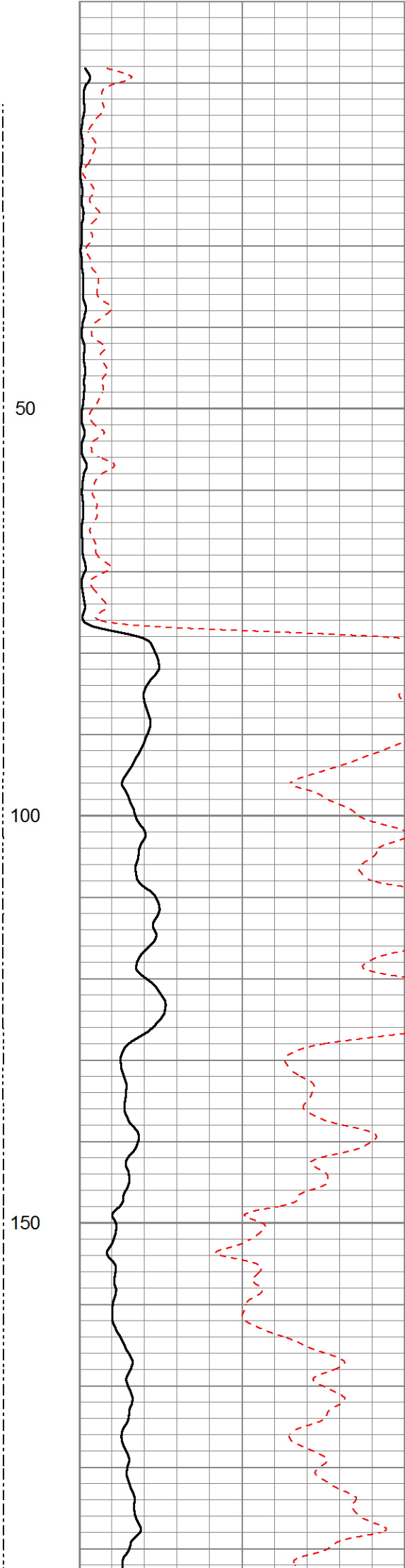
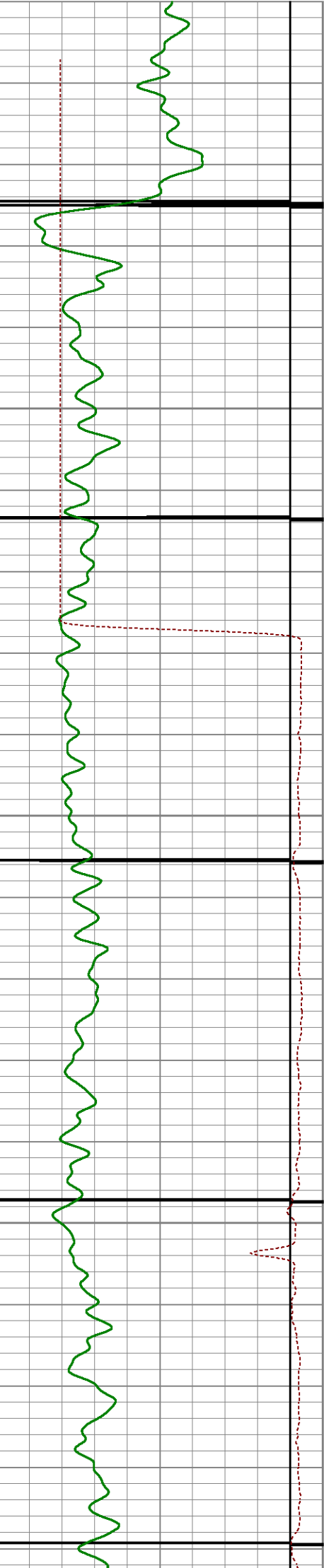


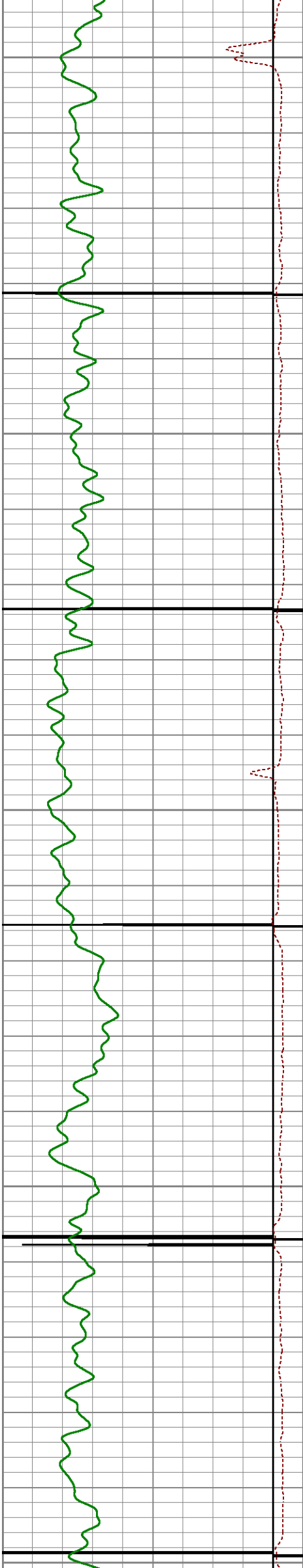
MAIN PASS

3' 5' GR CCL VDL

Database File	waag24.db
Dataset Pathname	pass5
Presentation Format	gc3ft5ft
Dataset Creation	Wed Oct 14 18:19:16 2015
Charted by	Depth in Feet scaled 1:200

-9	COLLAR LOCATOR	1	TENS	0	AMPLIFIED 3FT AMP (mV)	20	200	Variable Density 5FT	1200
GAMMA RAY API			0 (lb3000)	0	AMPLITUDE 3FT (mV)	100			





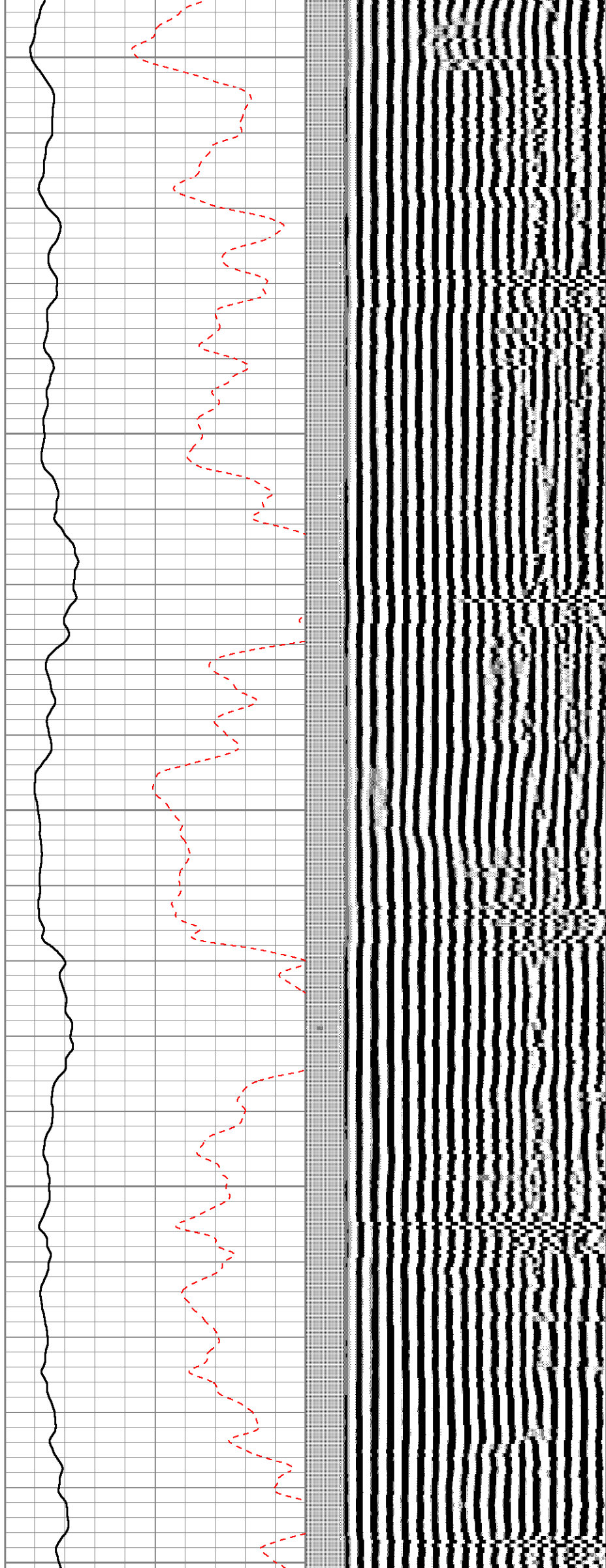
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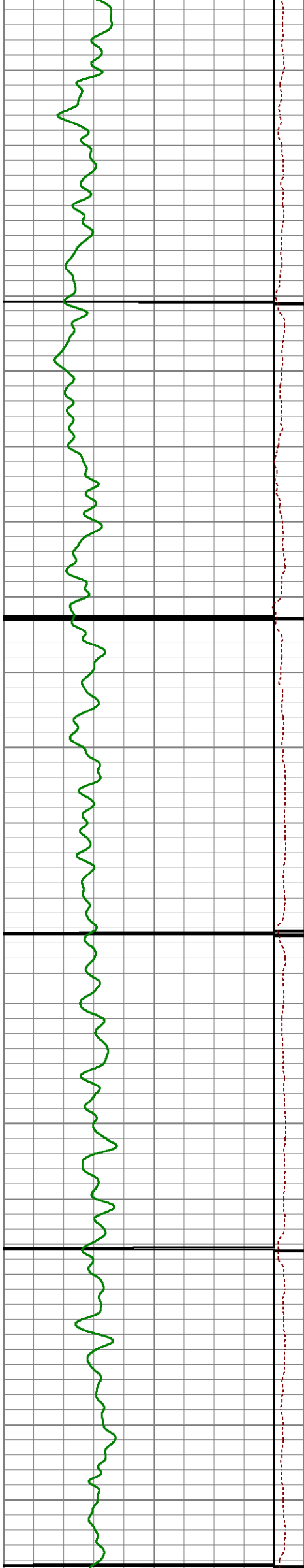
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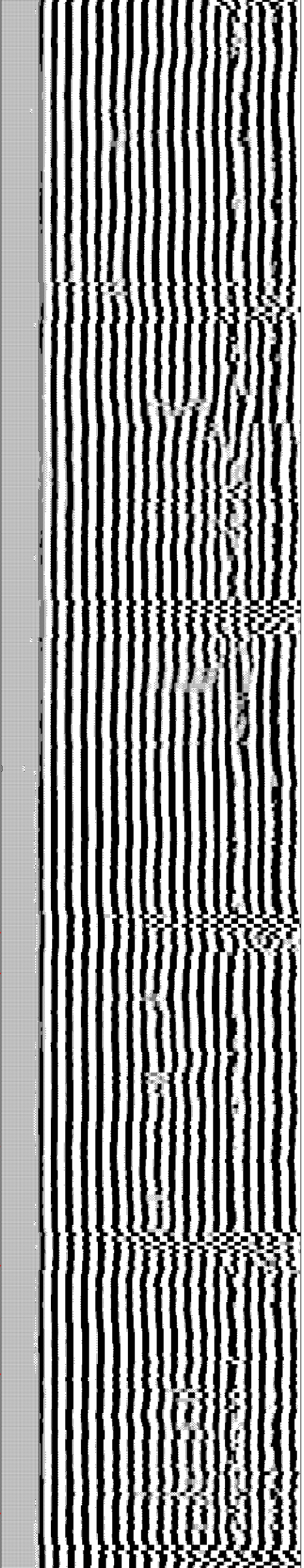
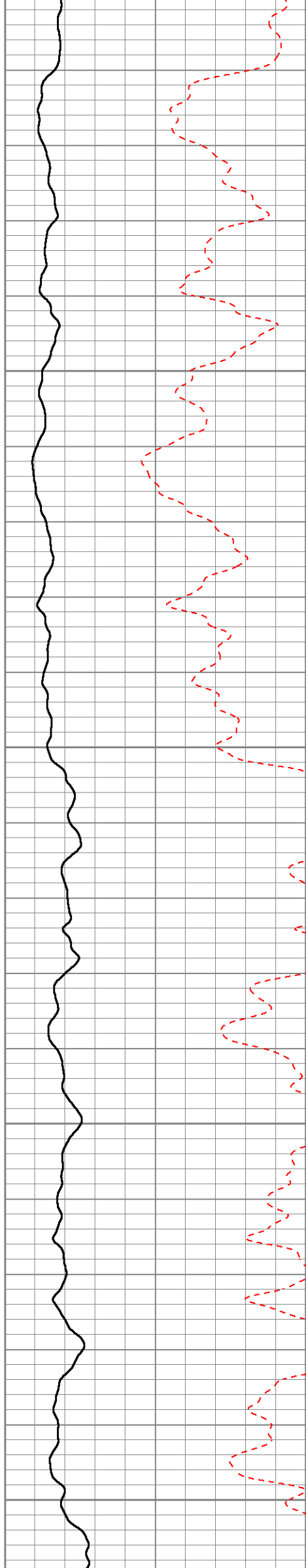
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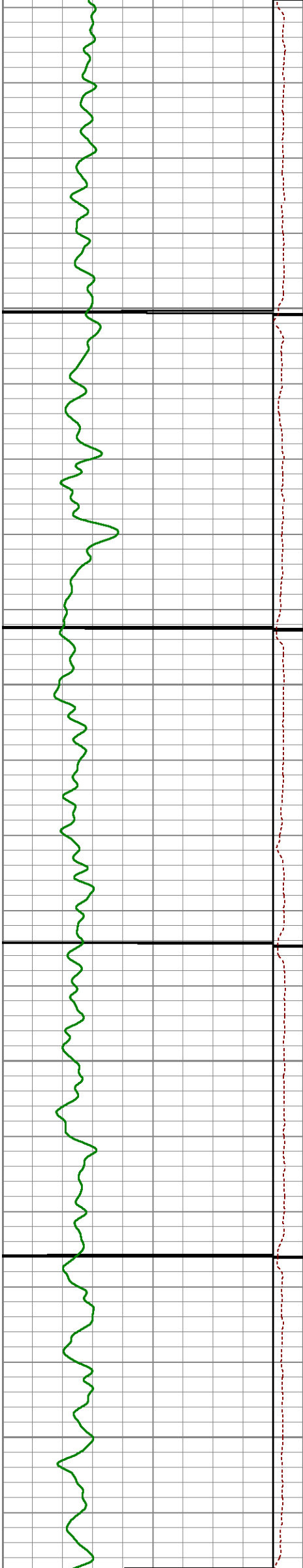
400





450
500
550
600



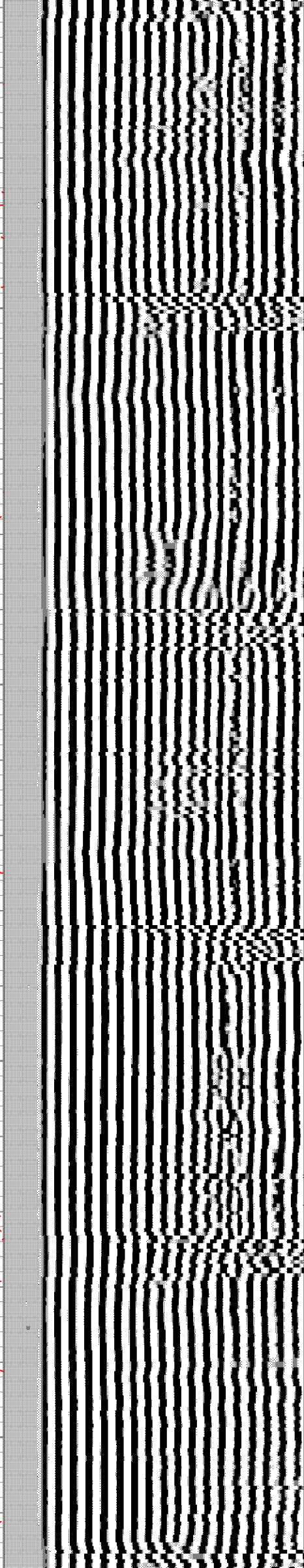
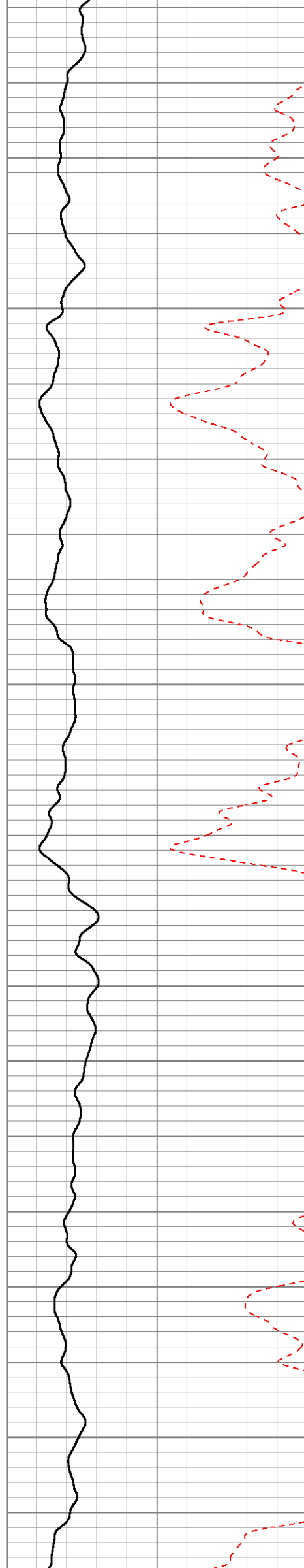


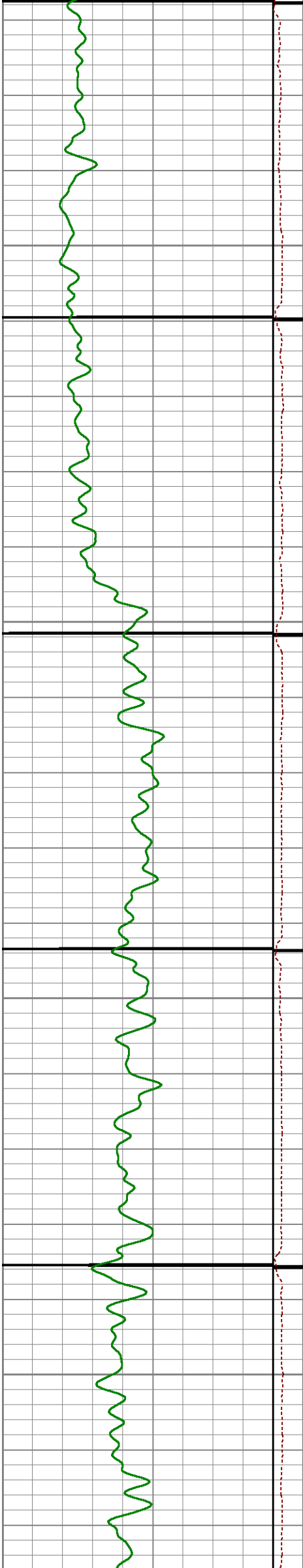
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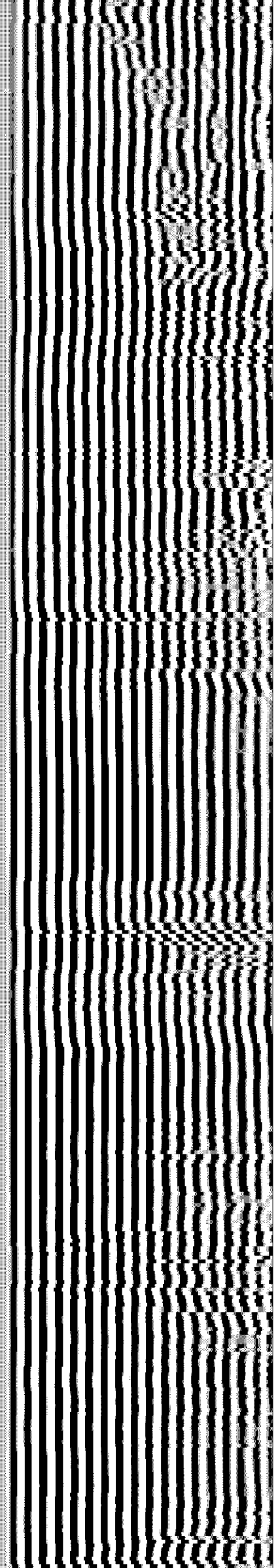
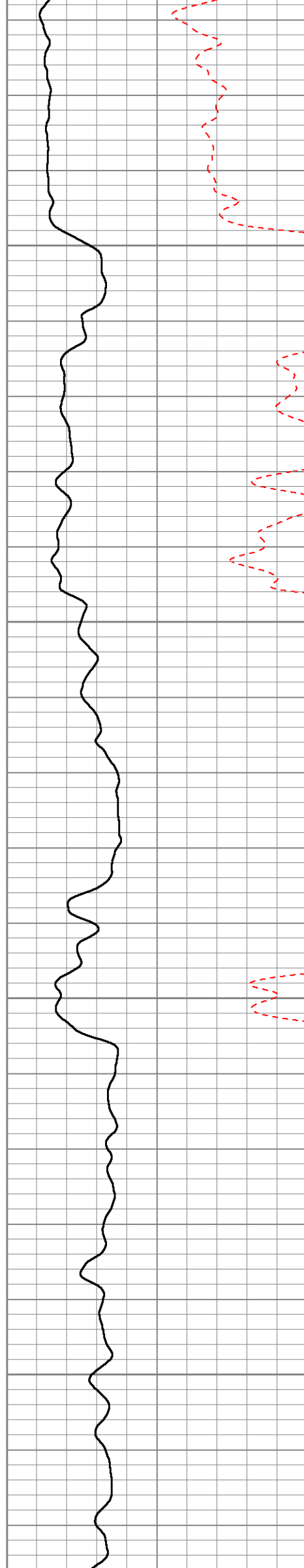


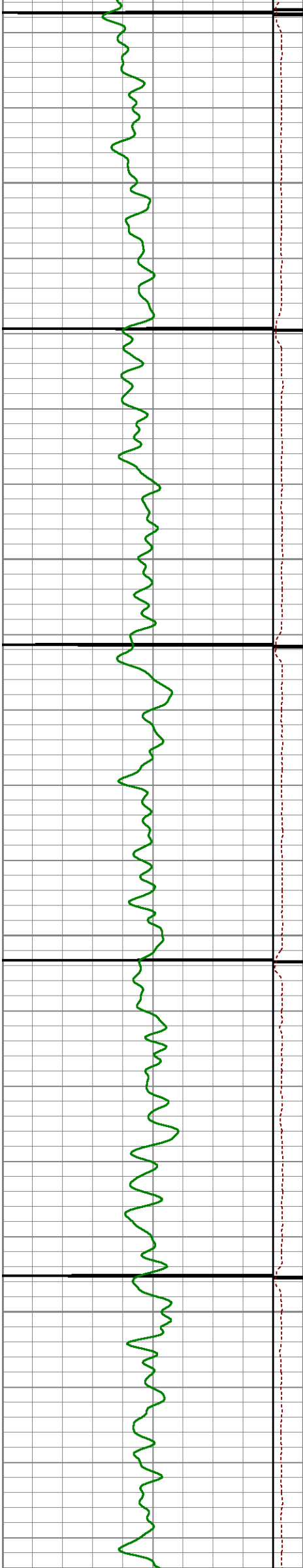
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950

1000



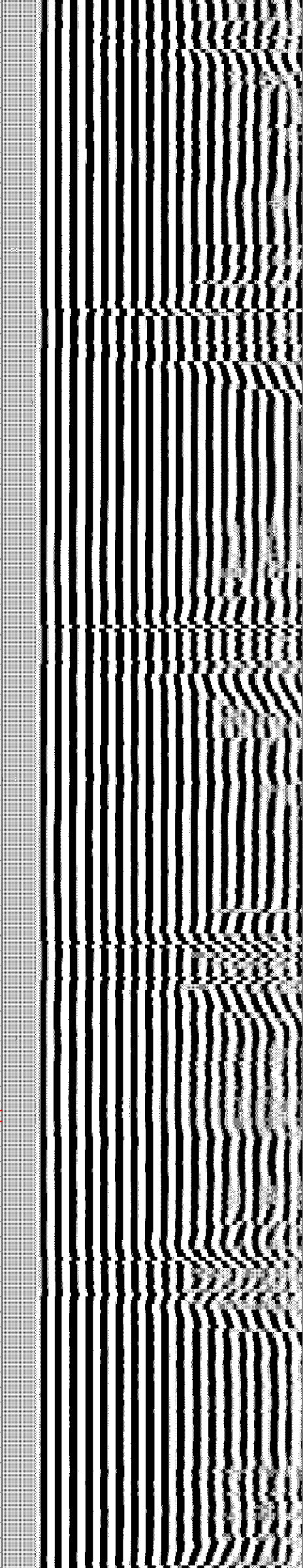
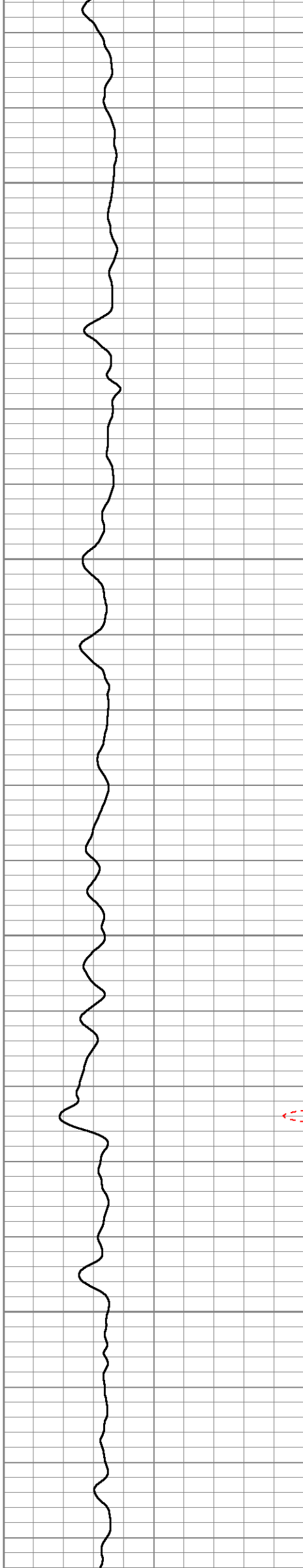


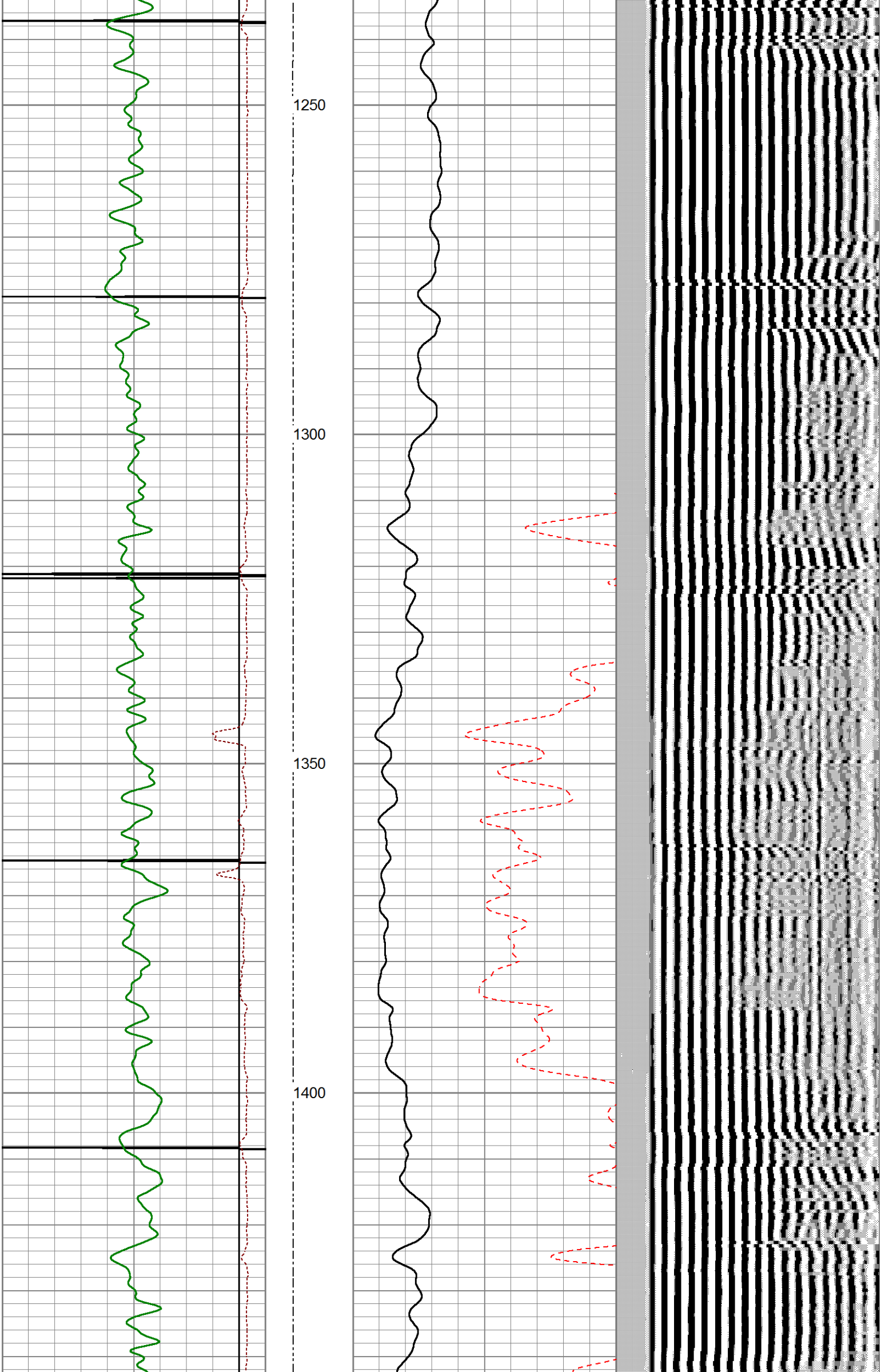
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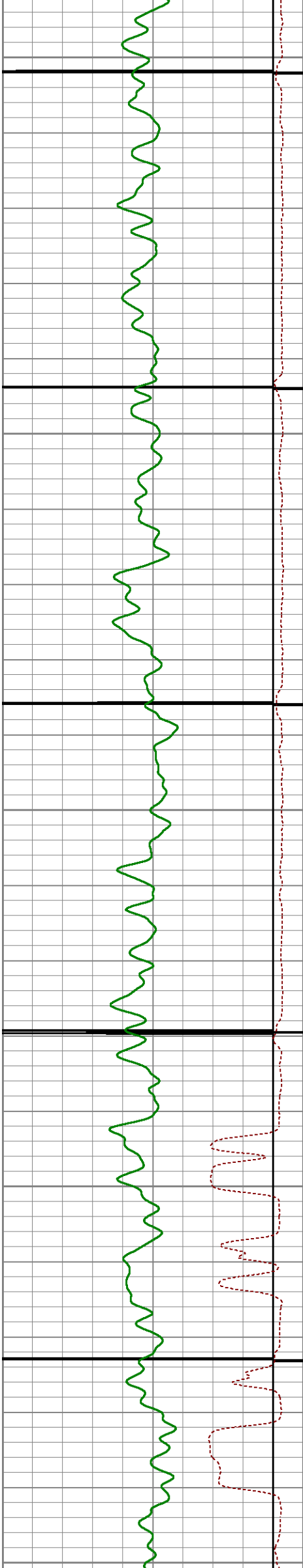
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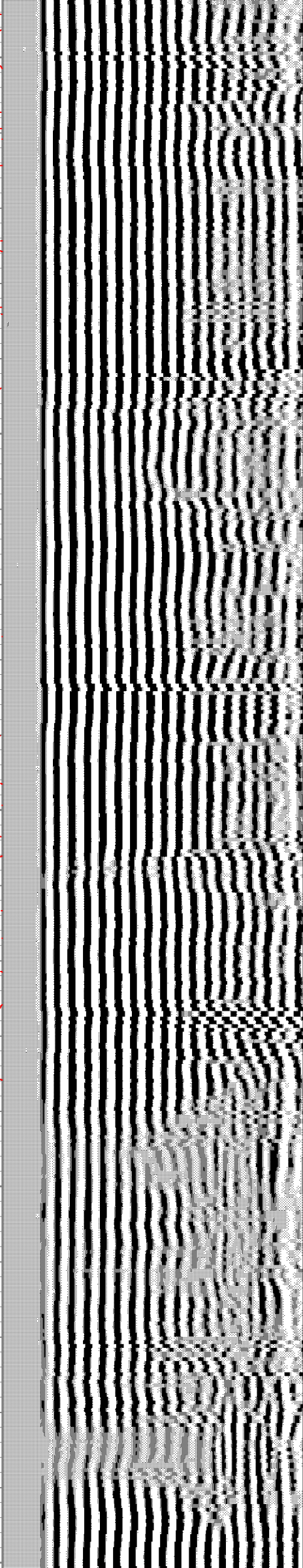
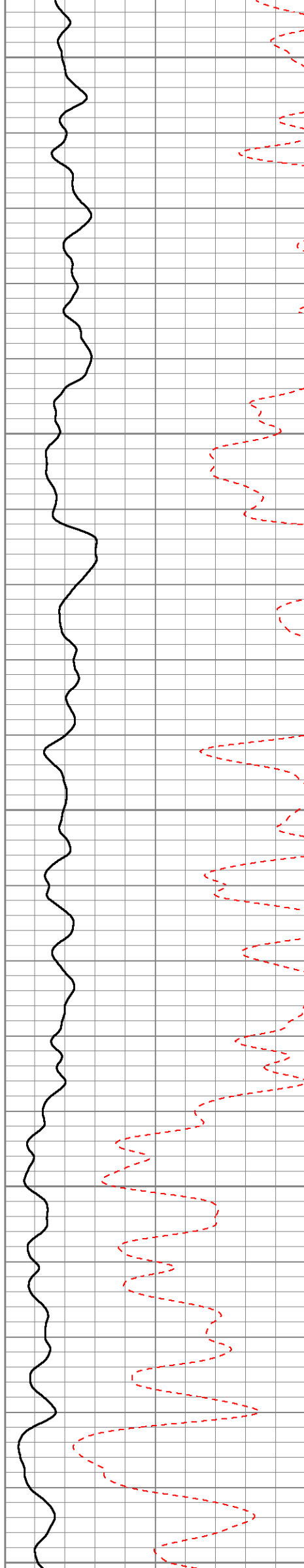
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1550

1600

1650



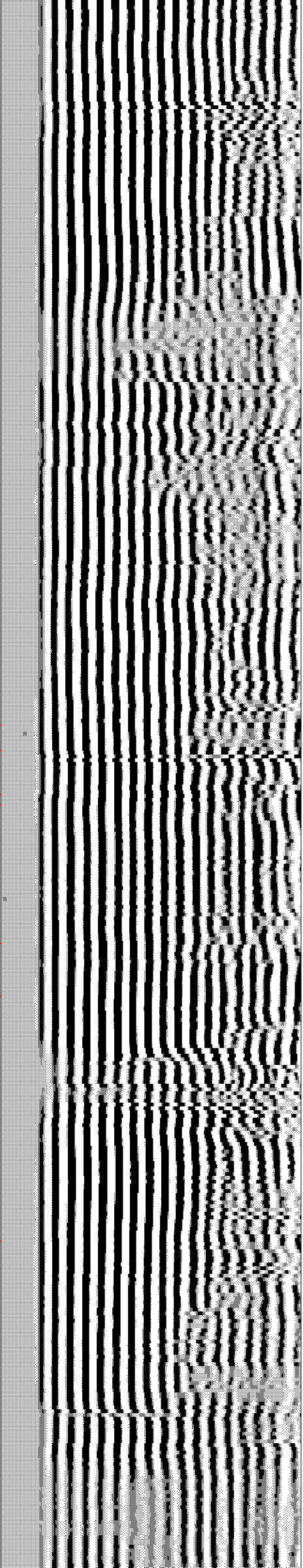
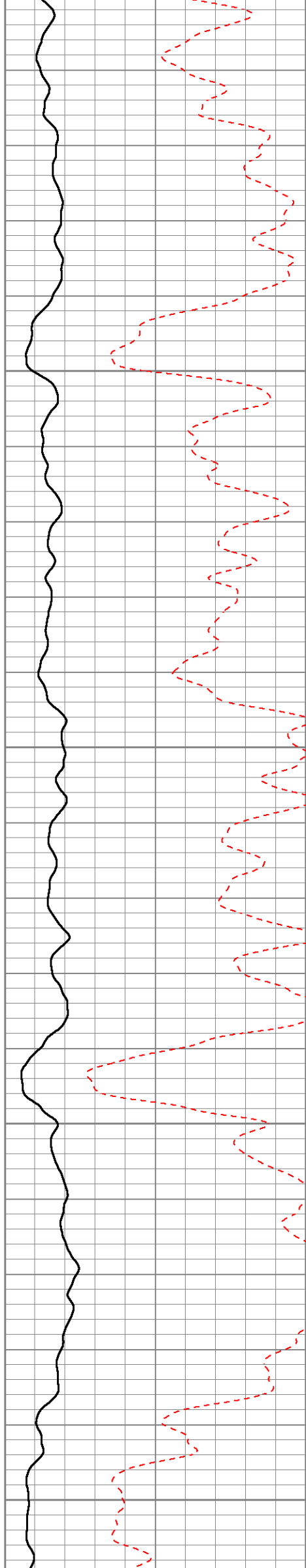


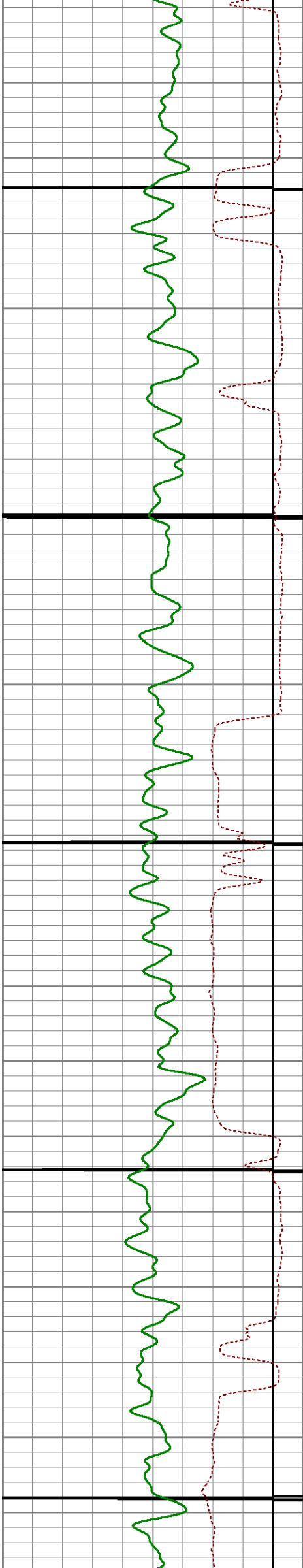
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1850



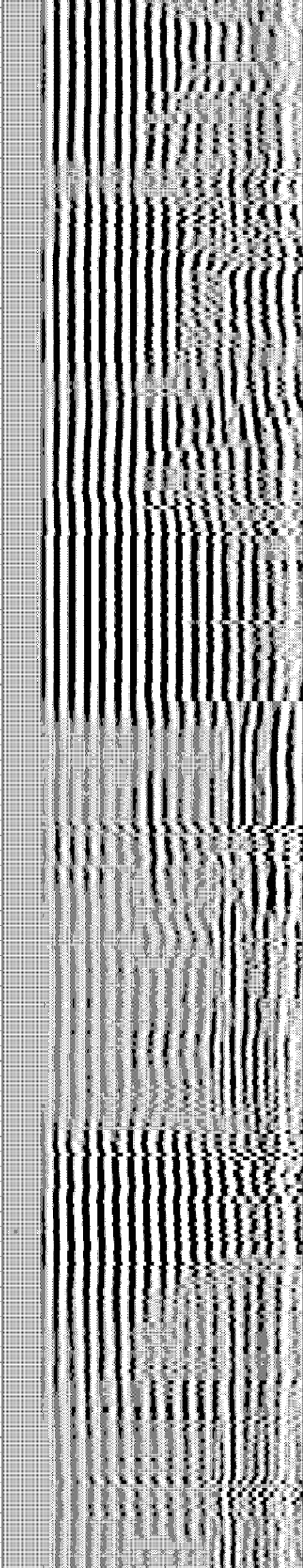
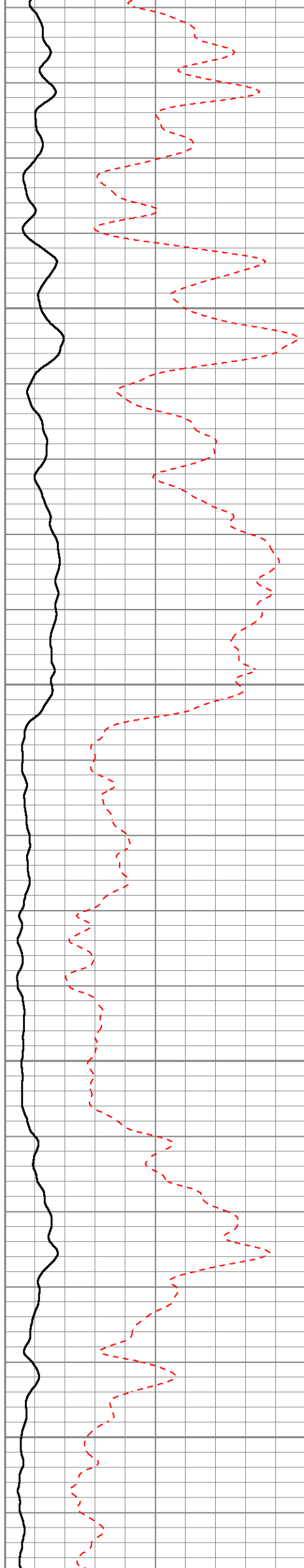


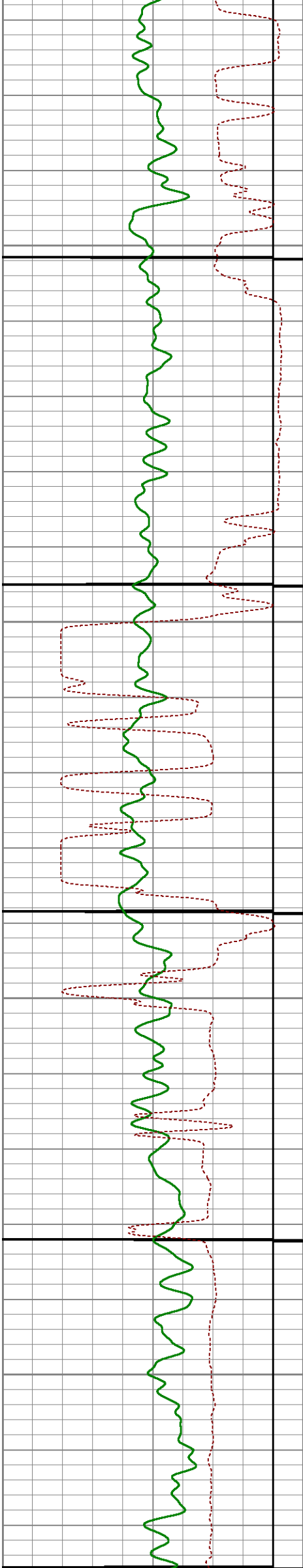
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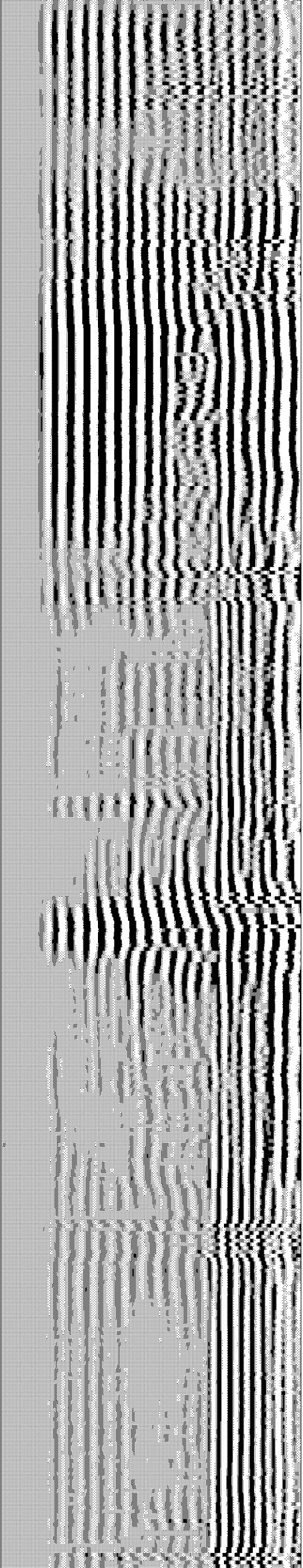
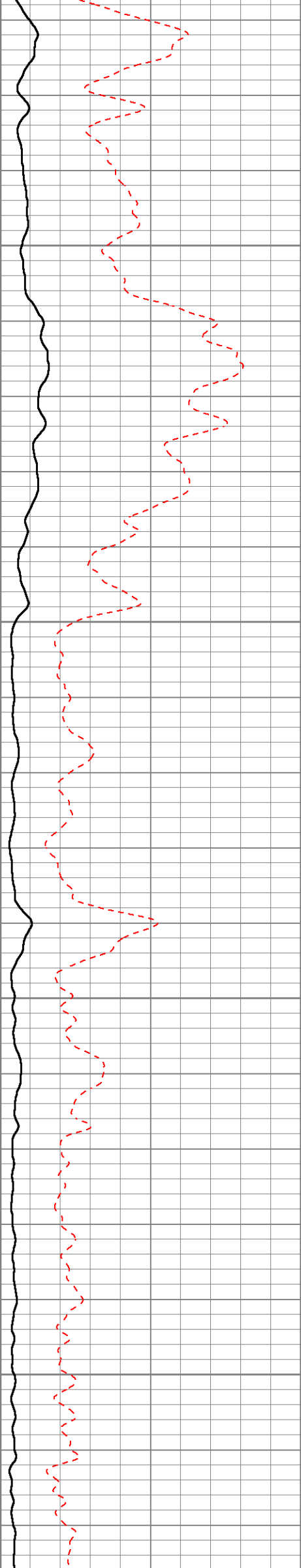


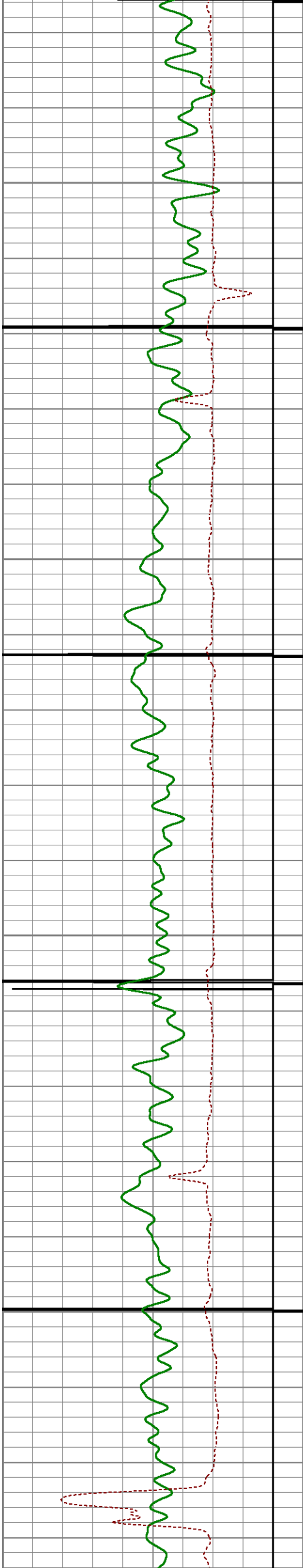
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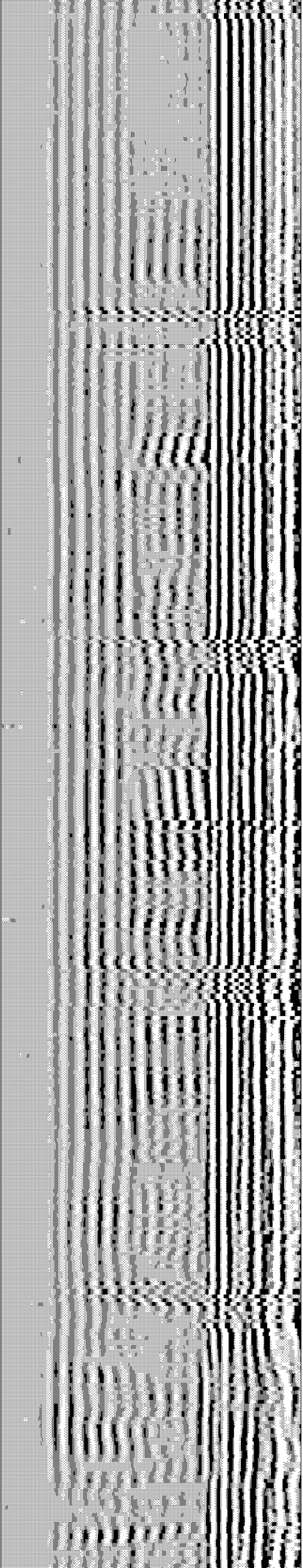
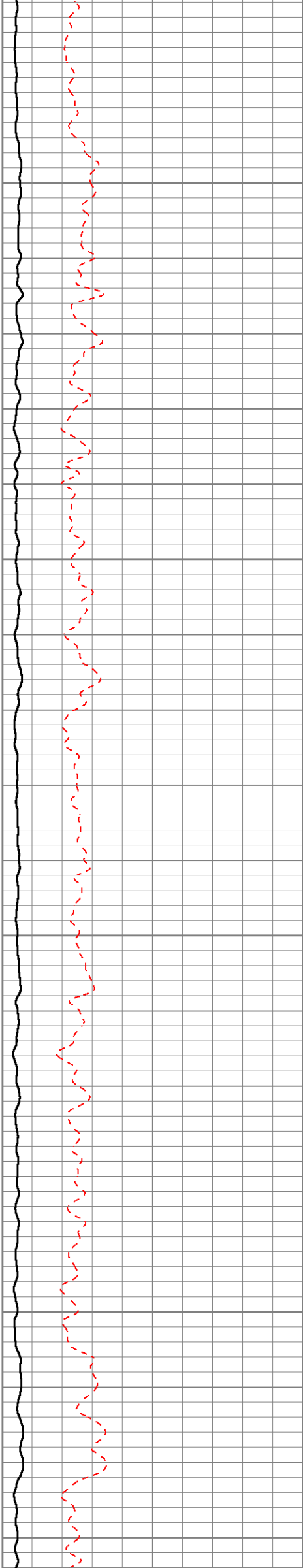


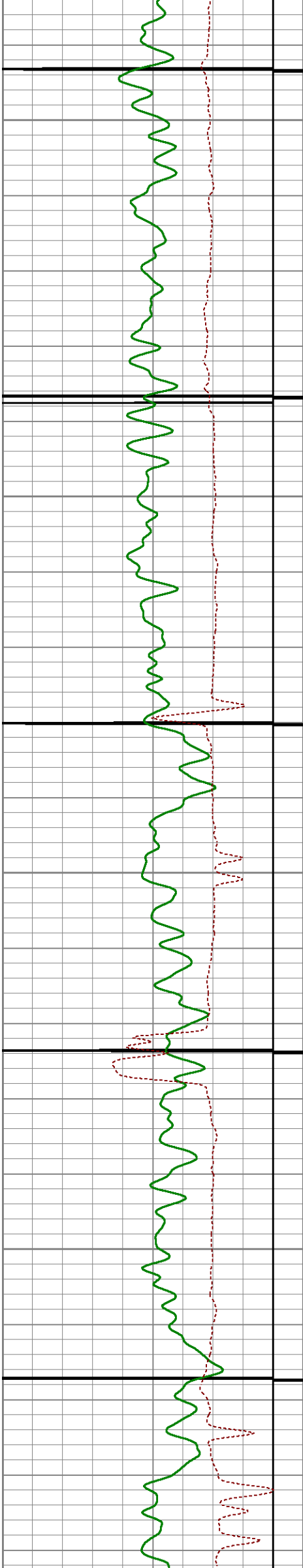
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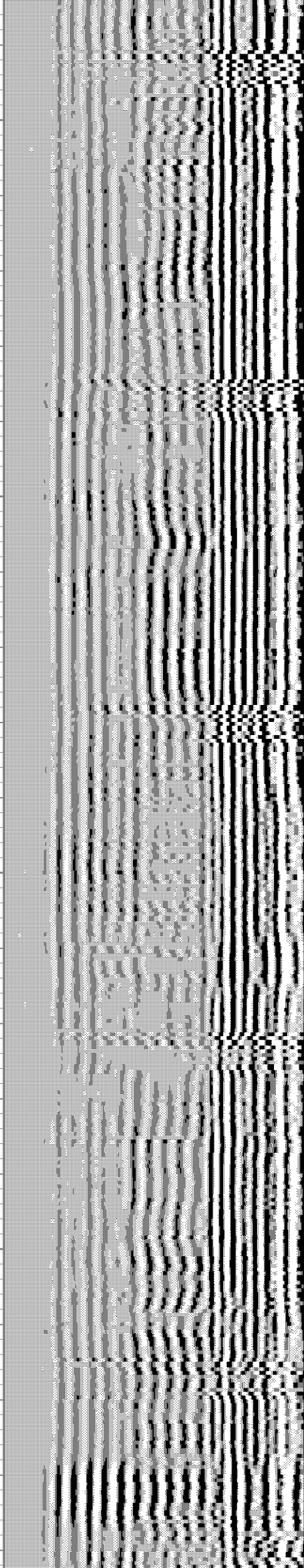
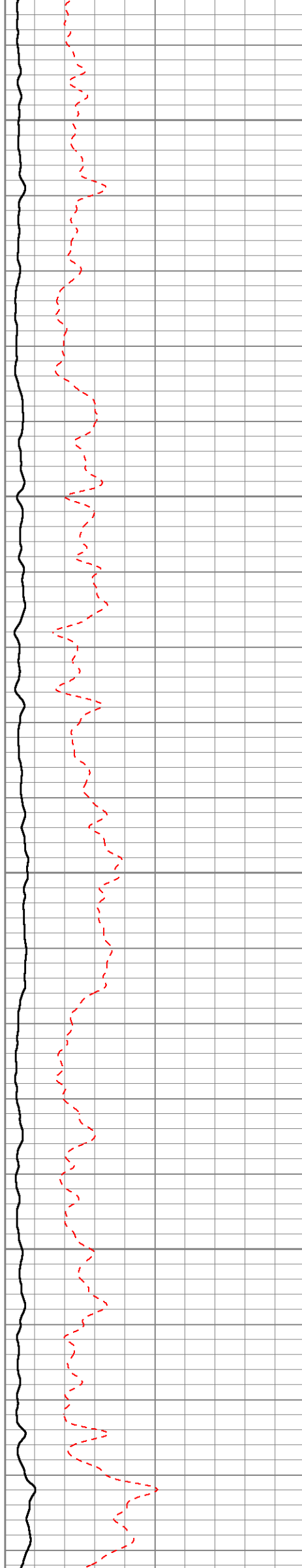


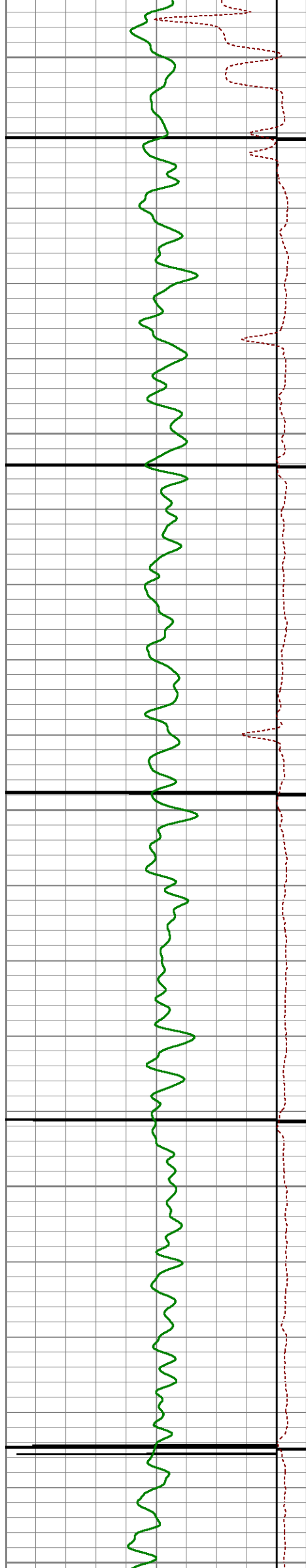
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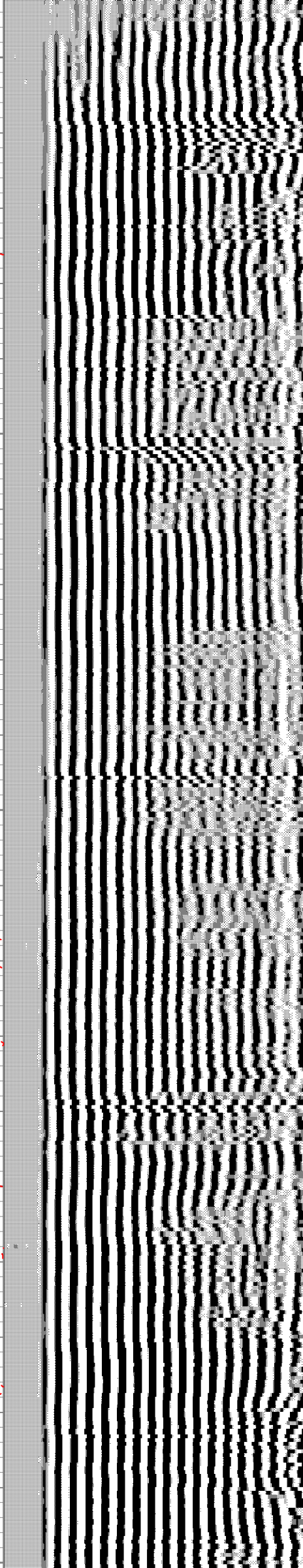
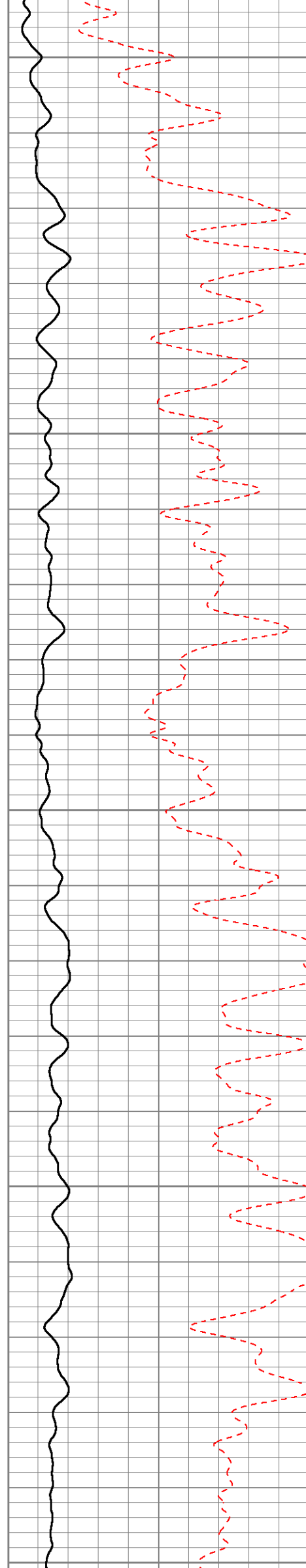
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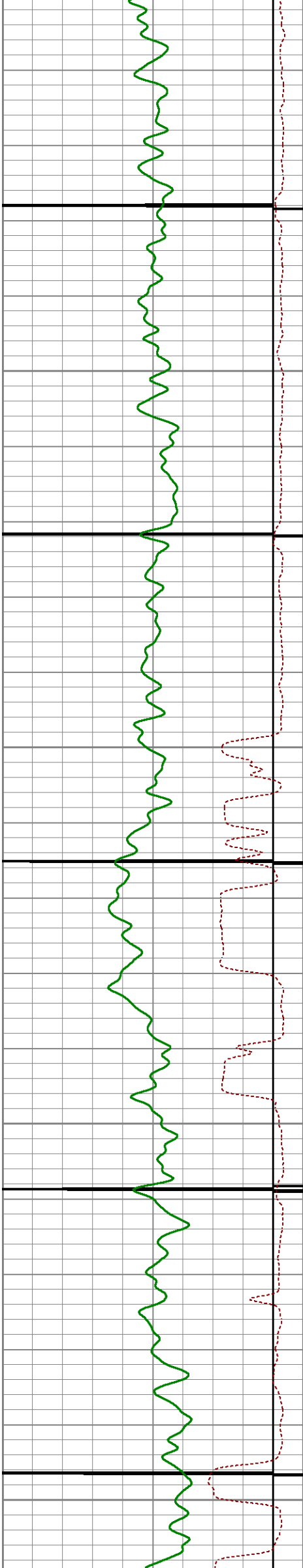
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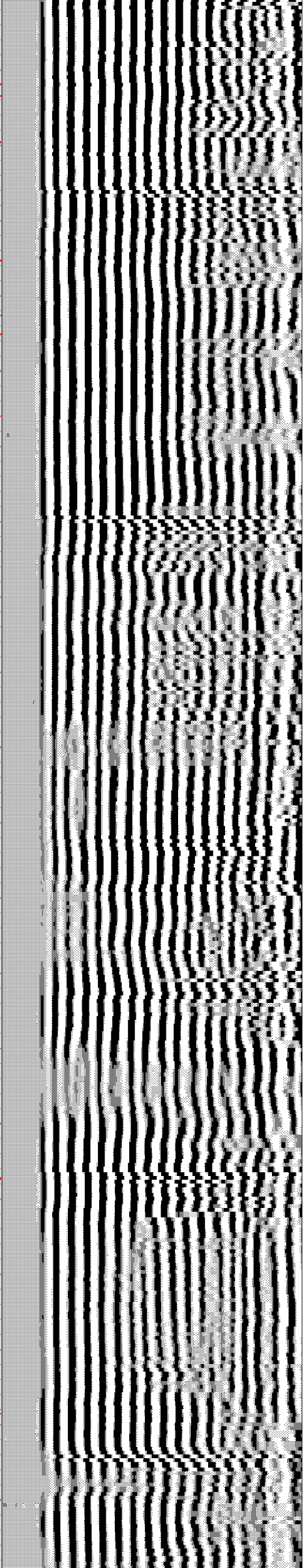
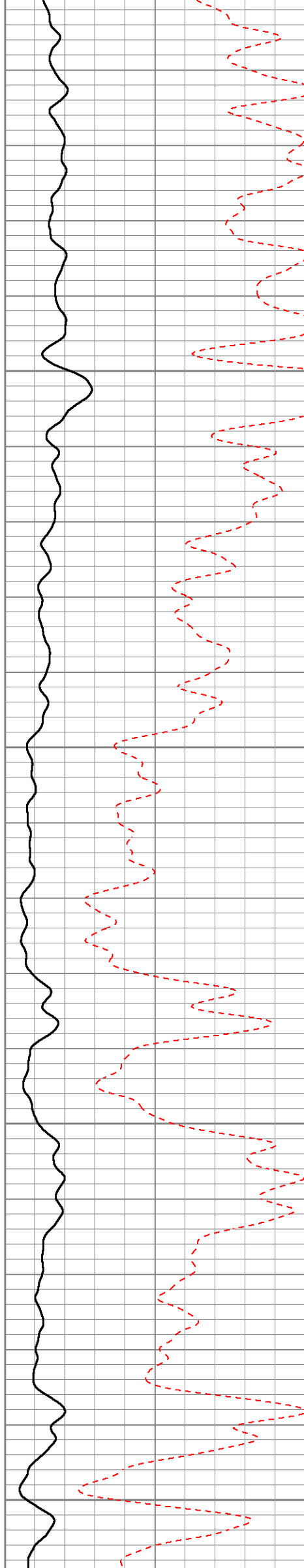


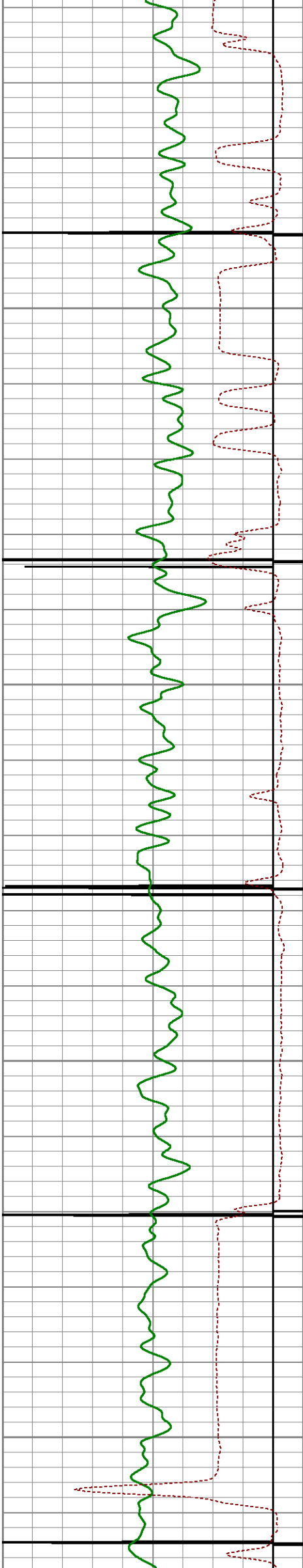
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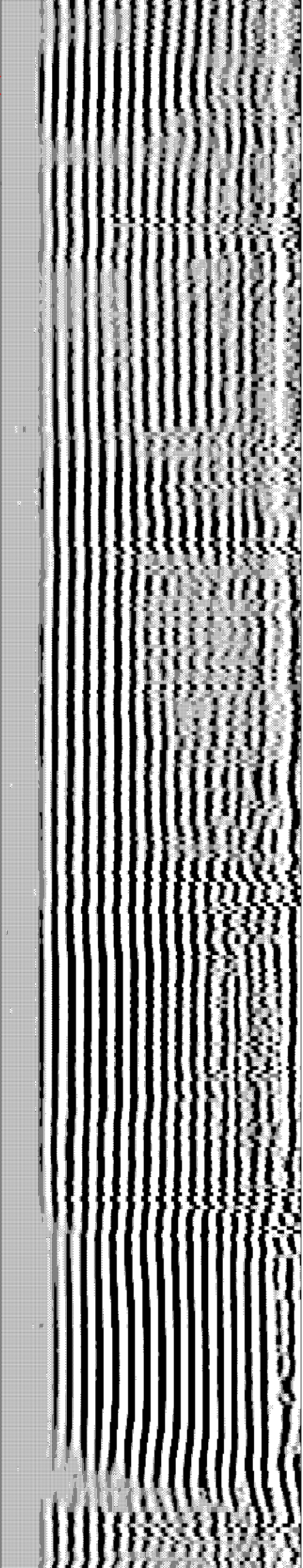
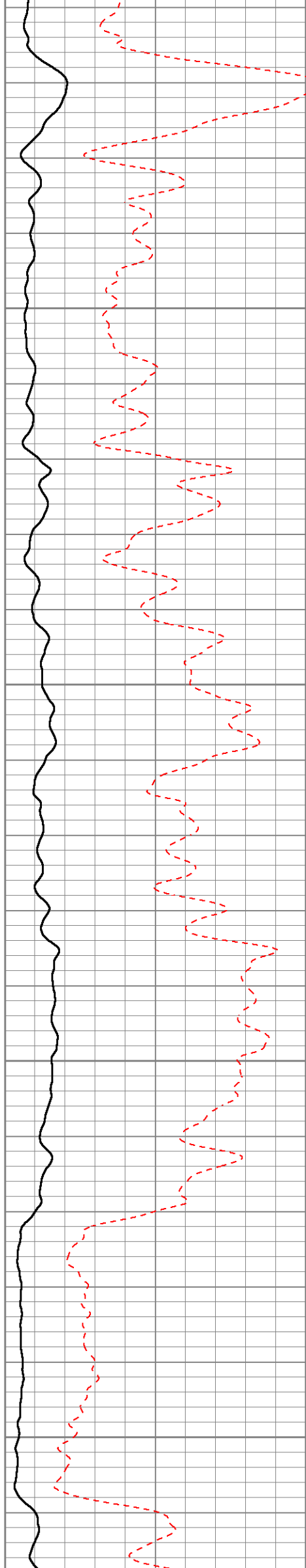


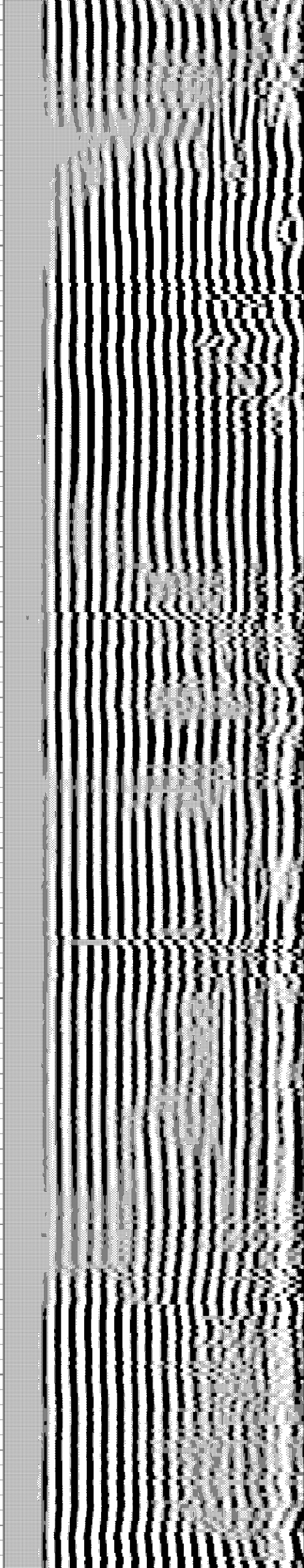
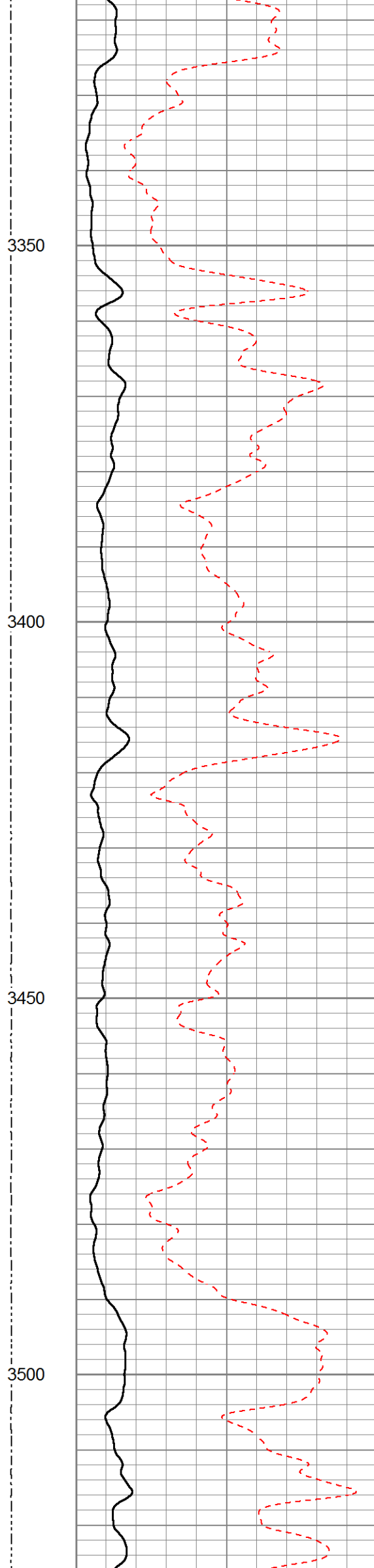
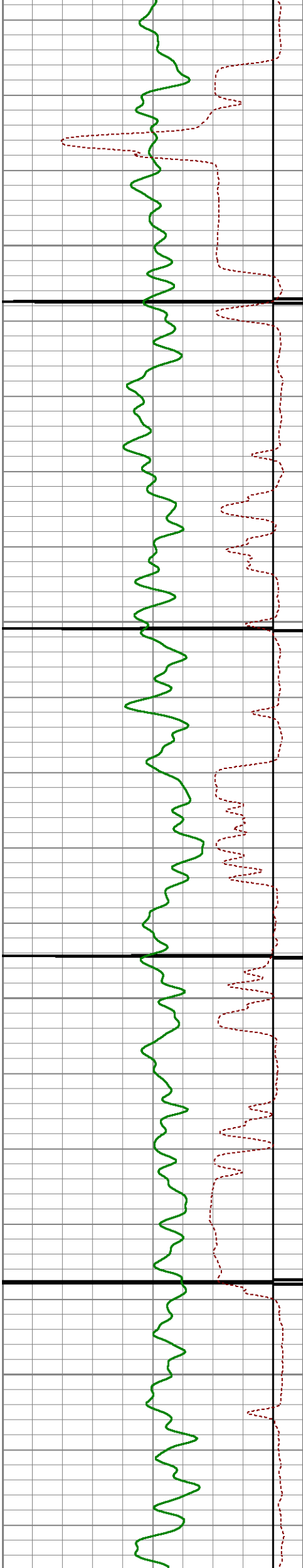
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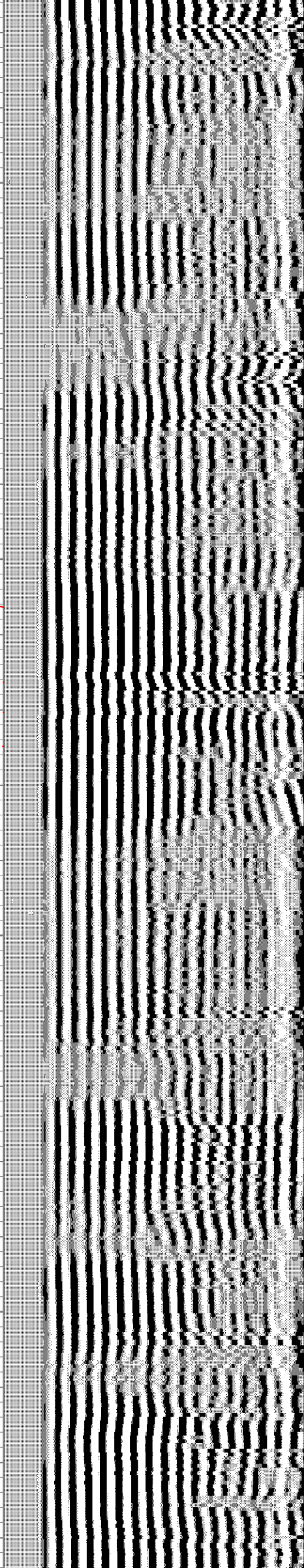
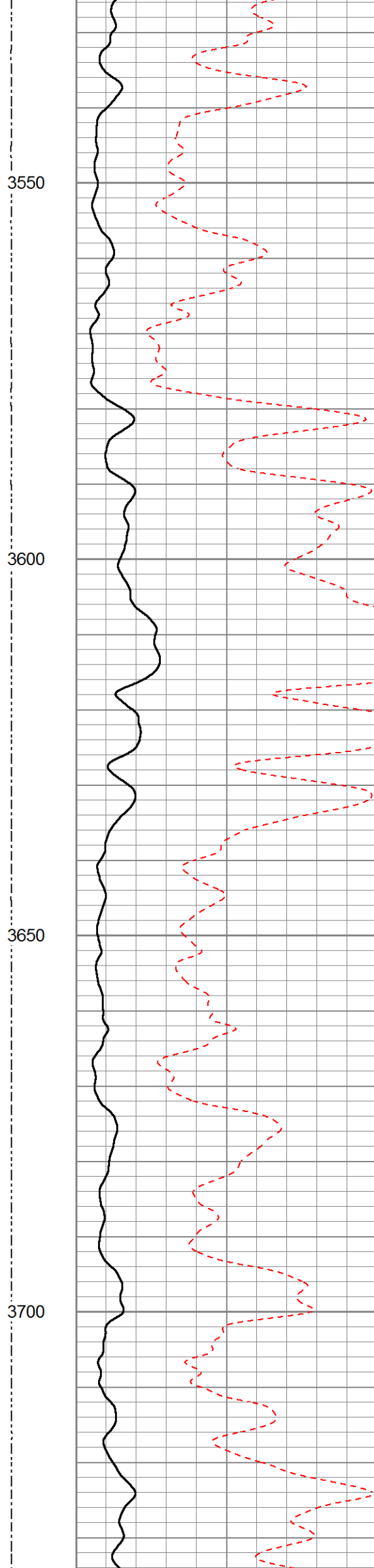
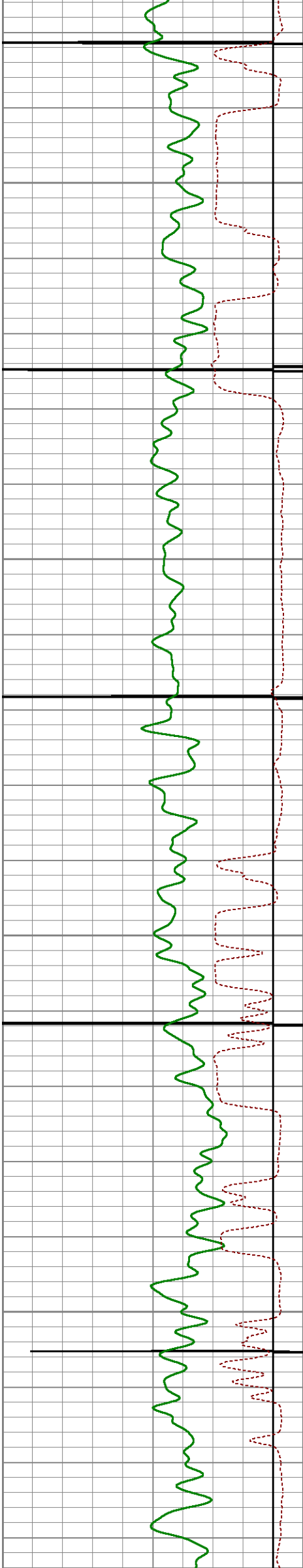
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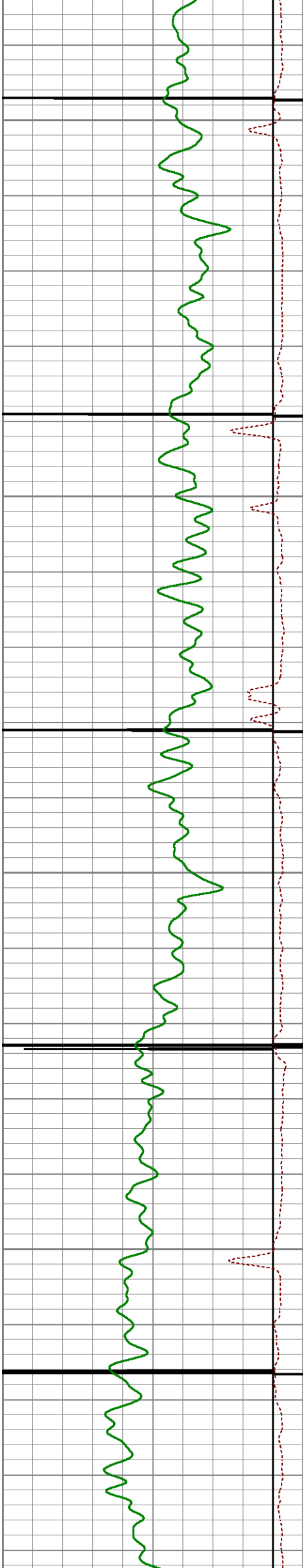
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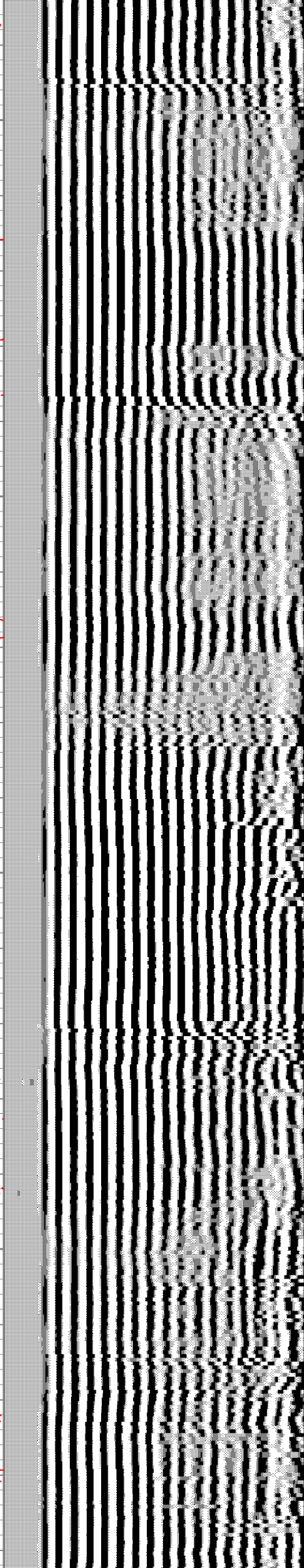
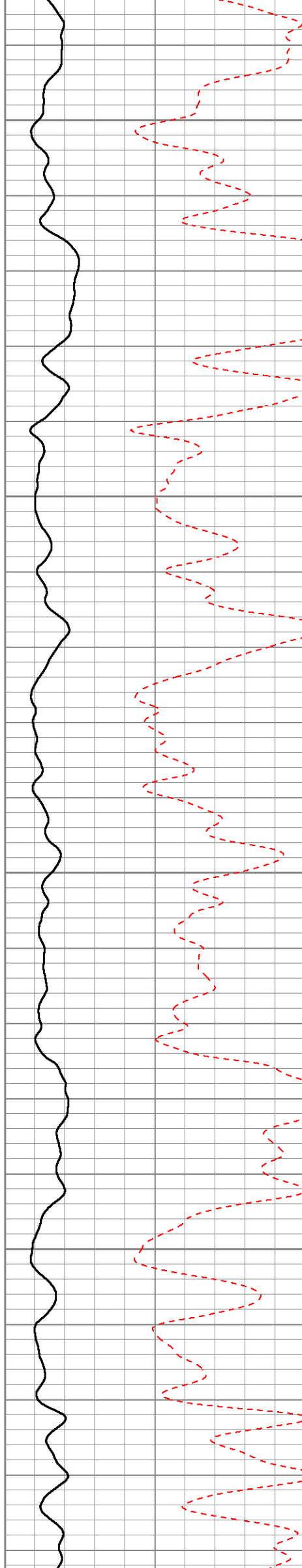


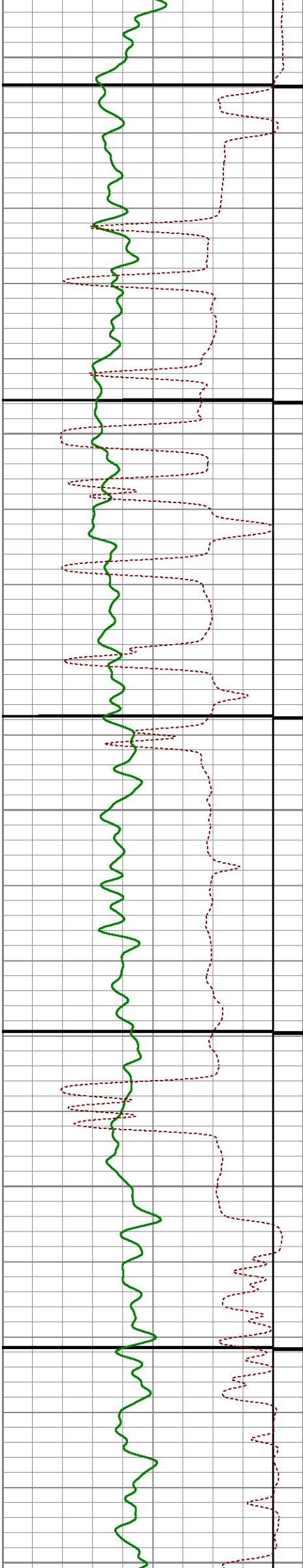
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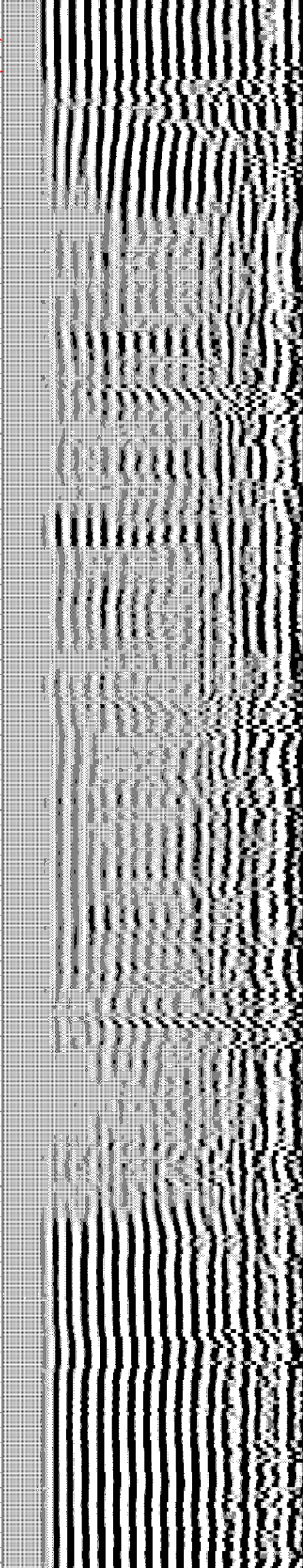
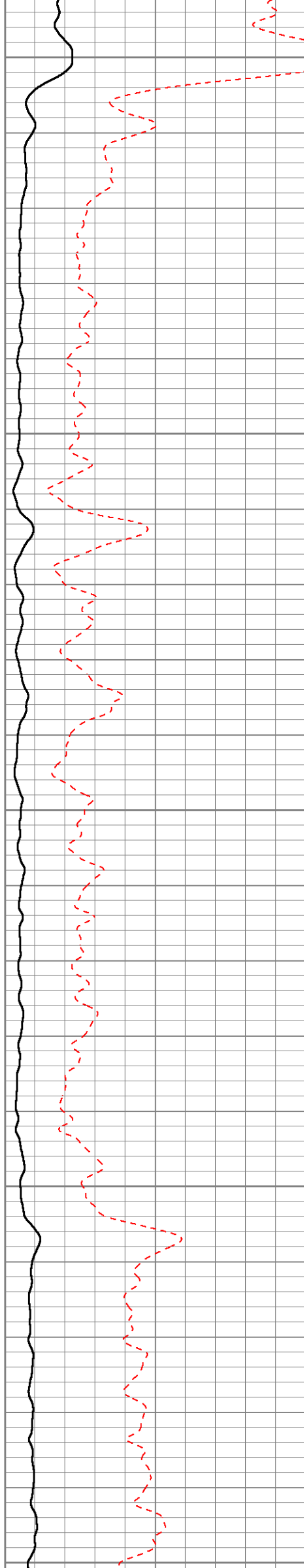
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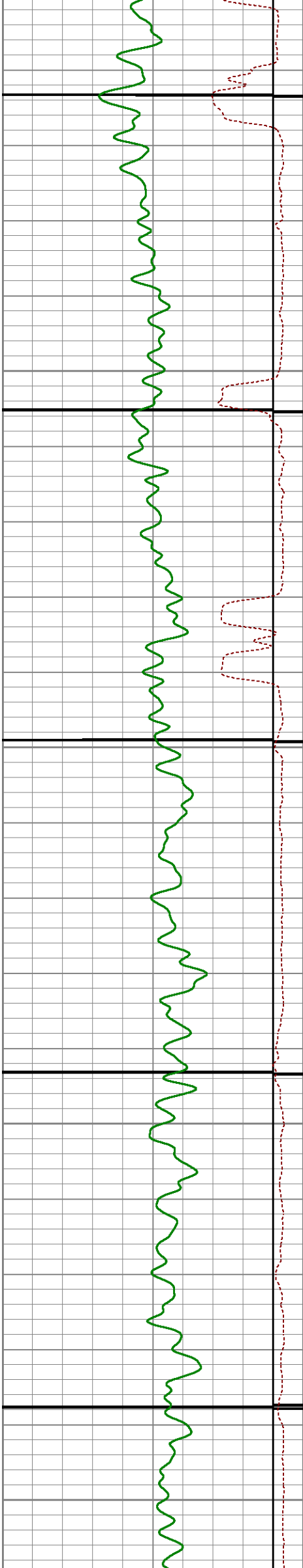
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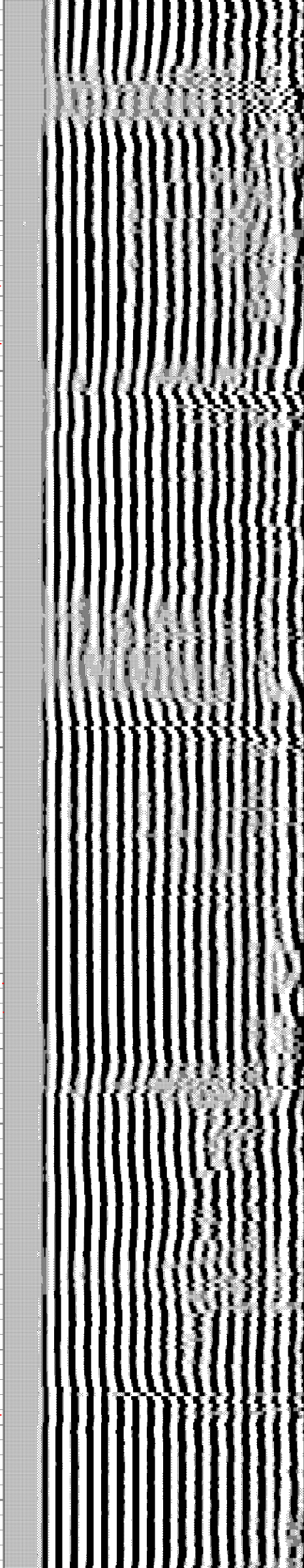
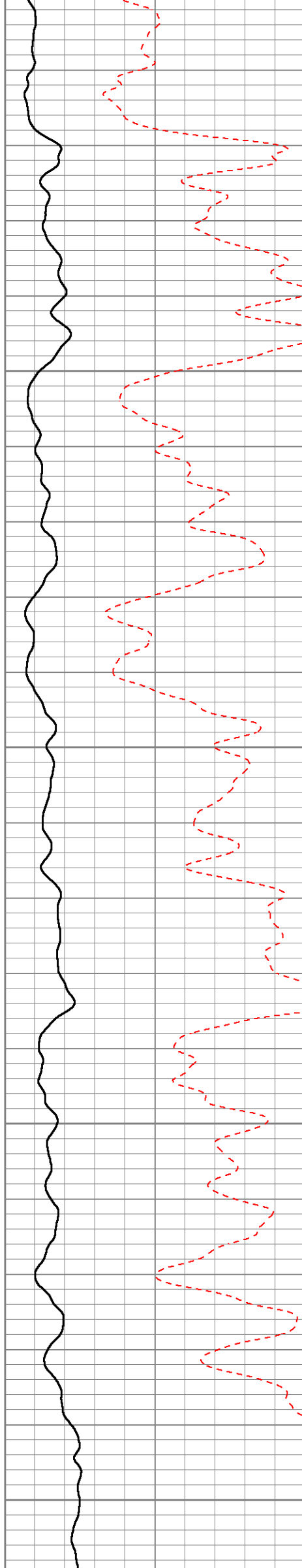


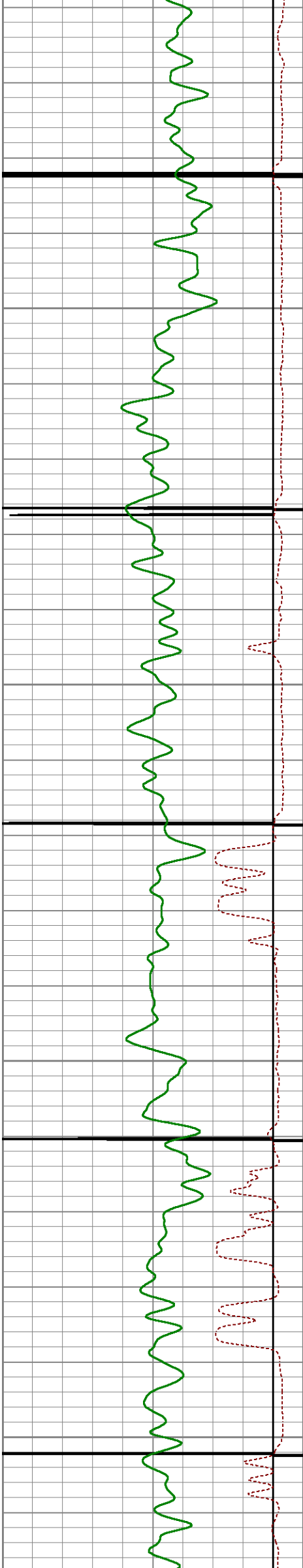
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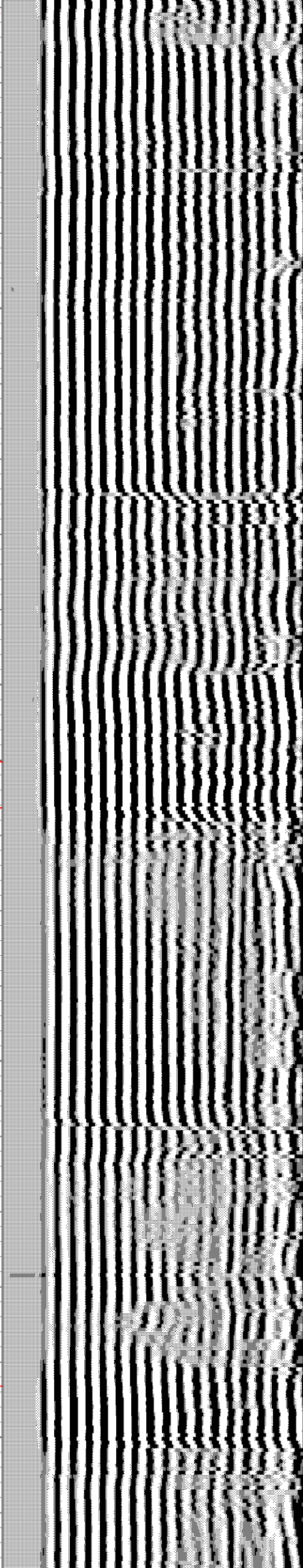
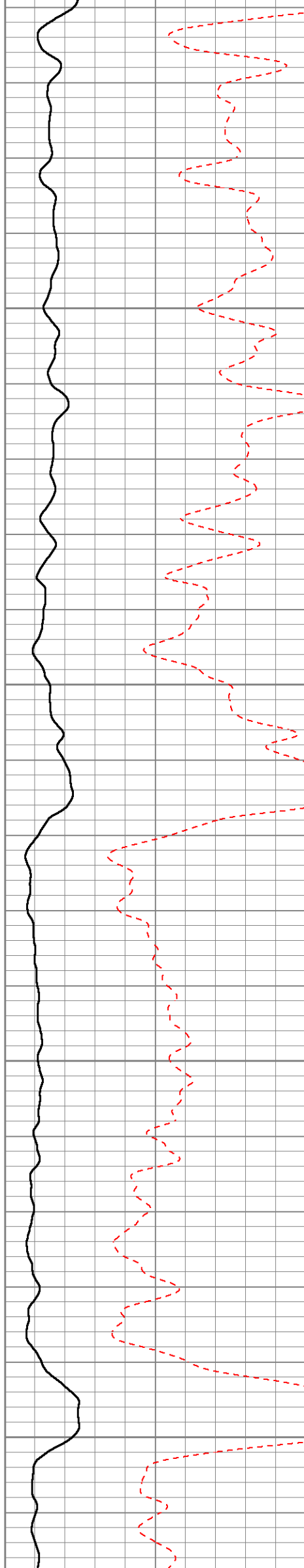


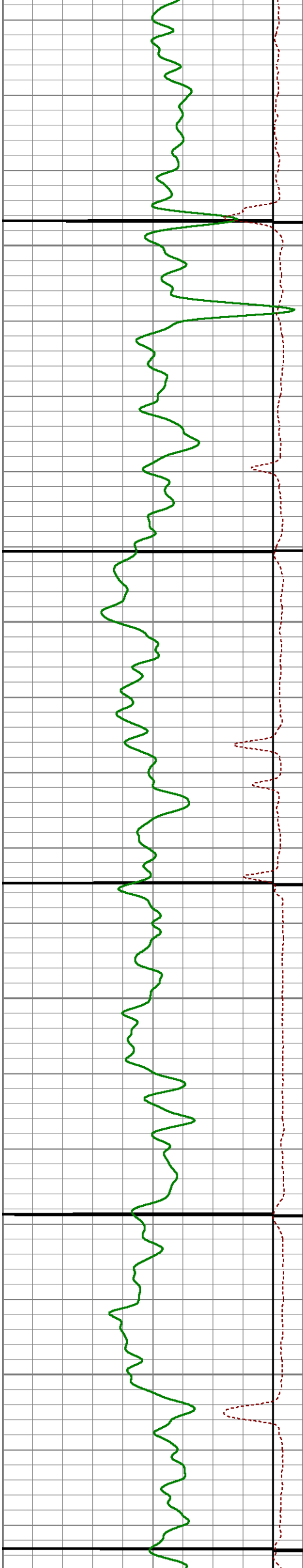
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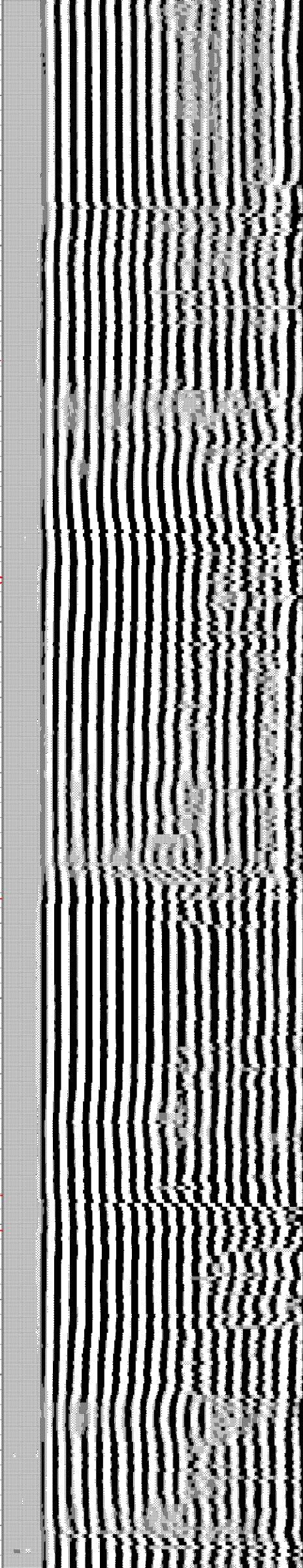
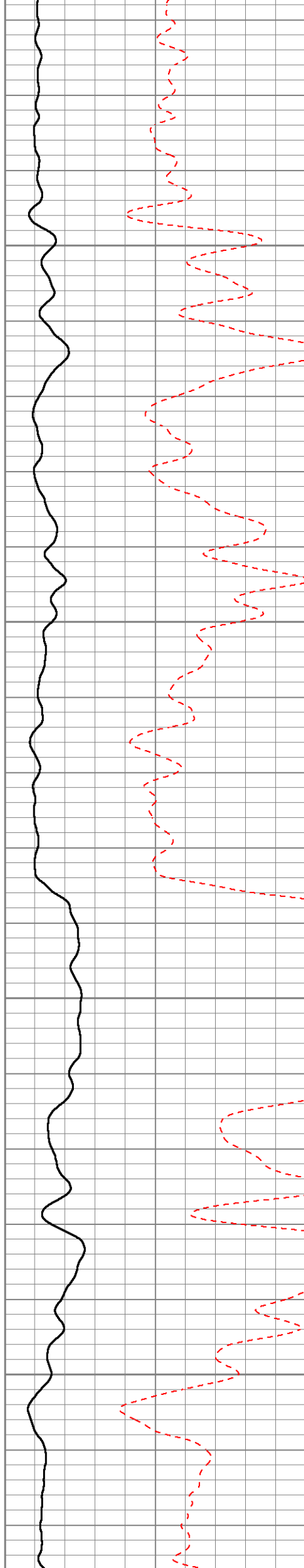


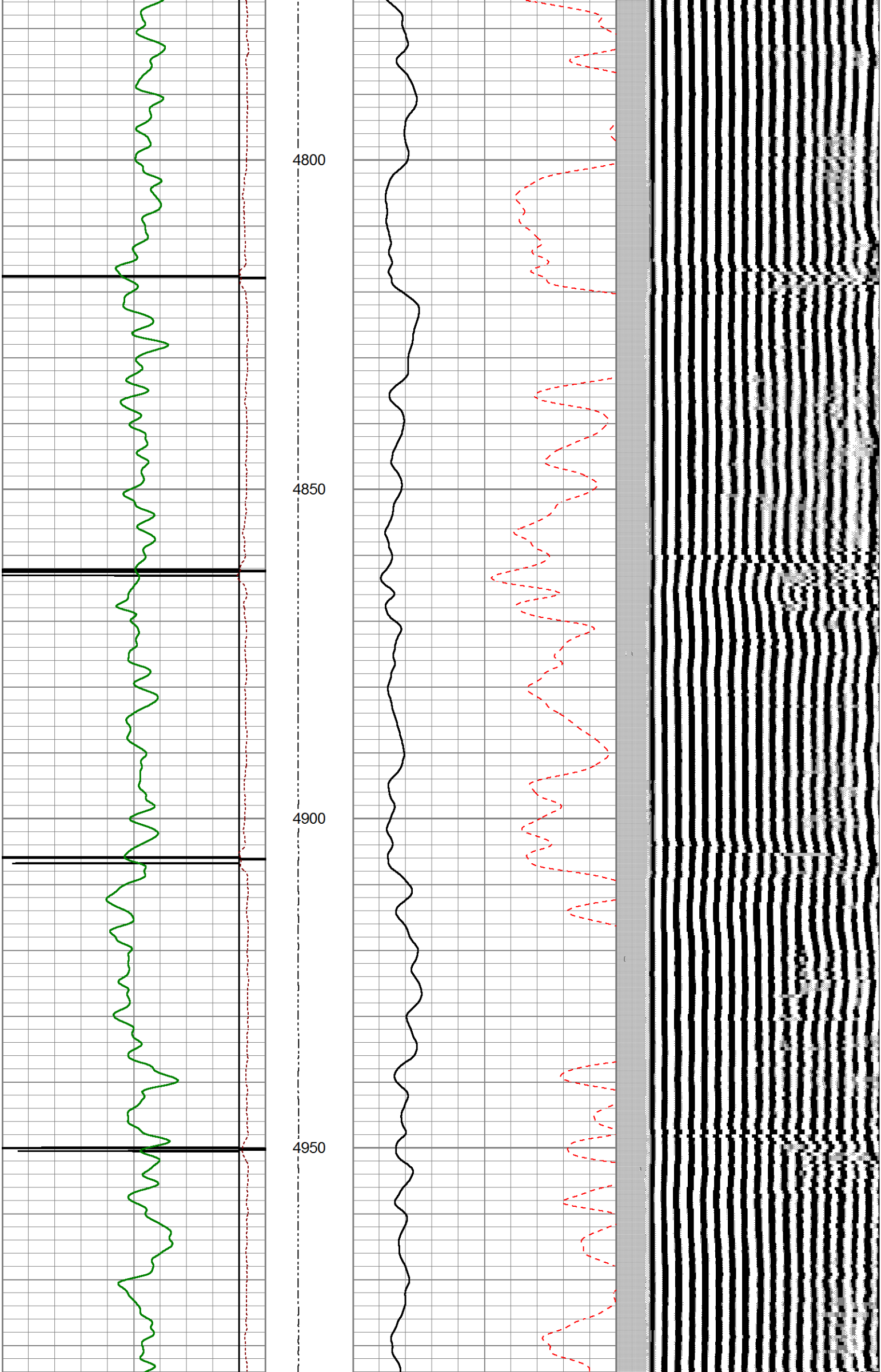
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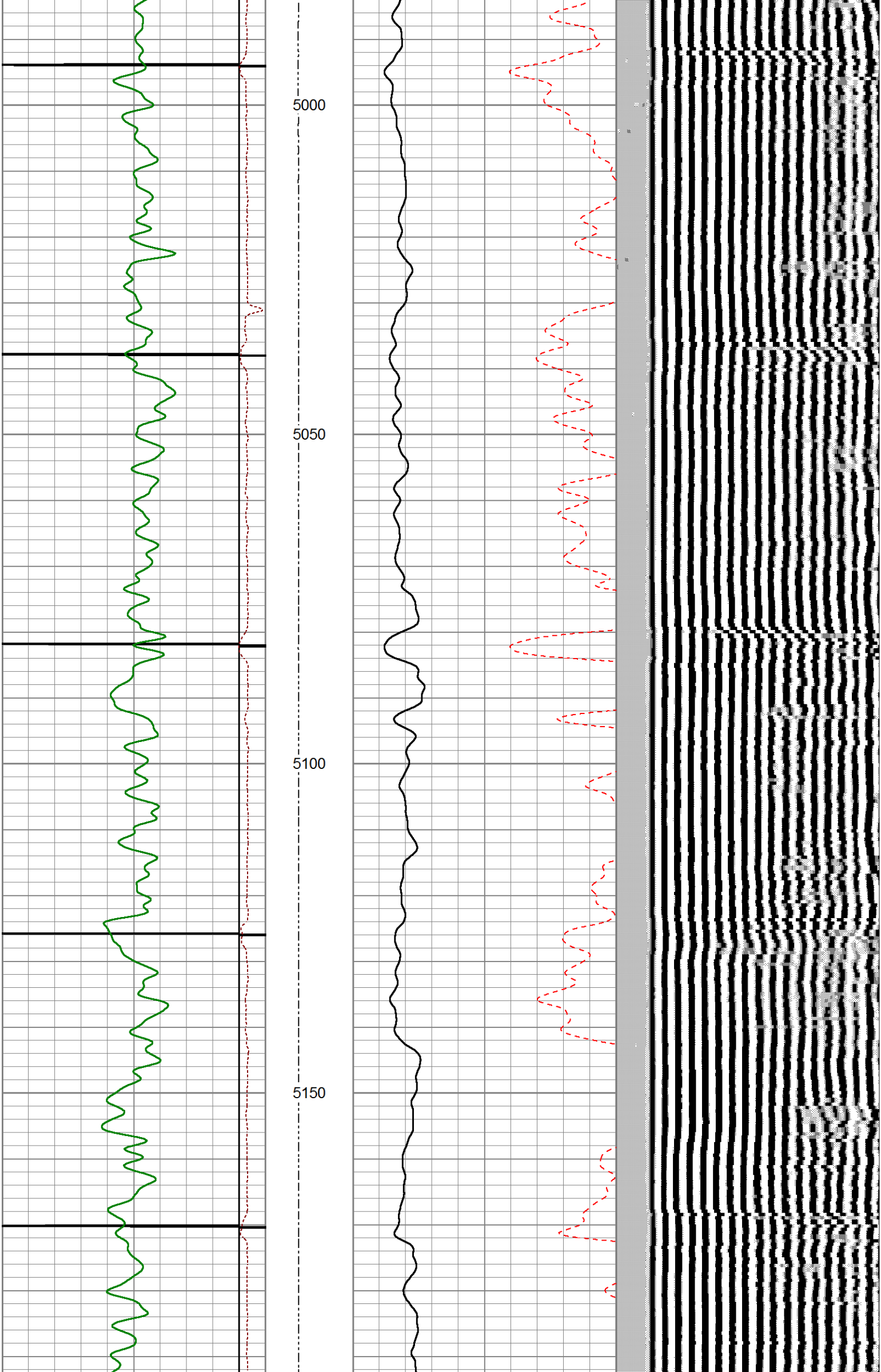
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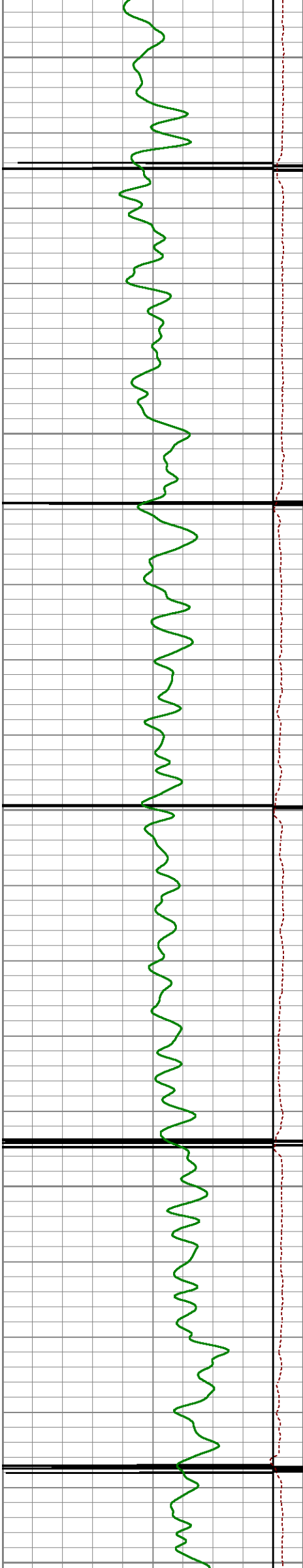
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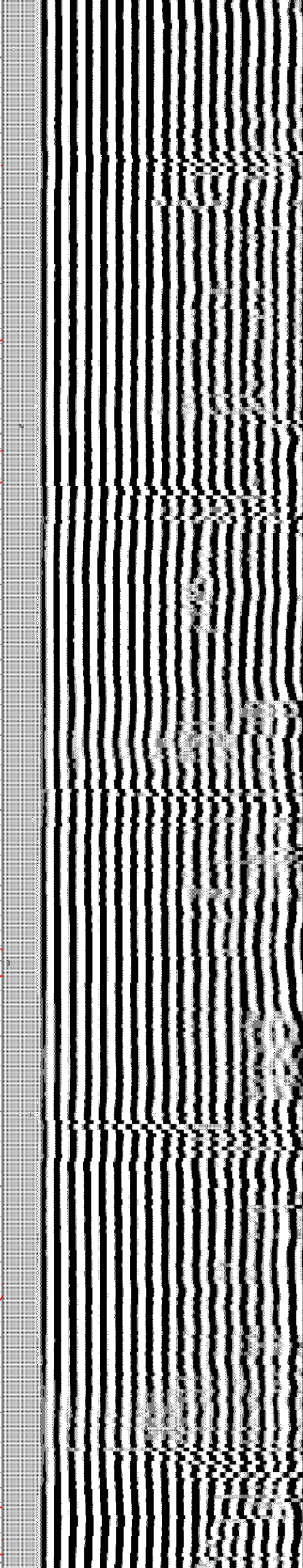
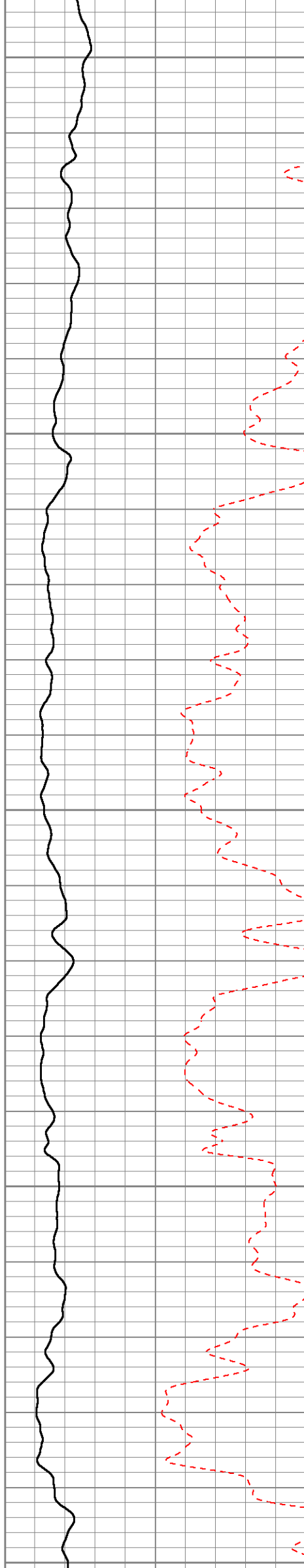
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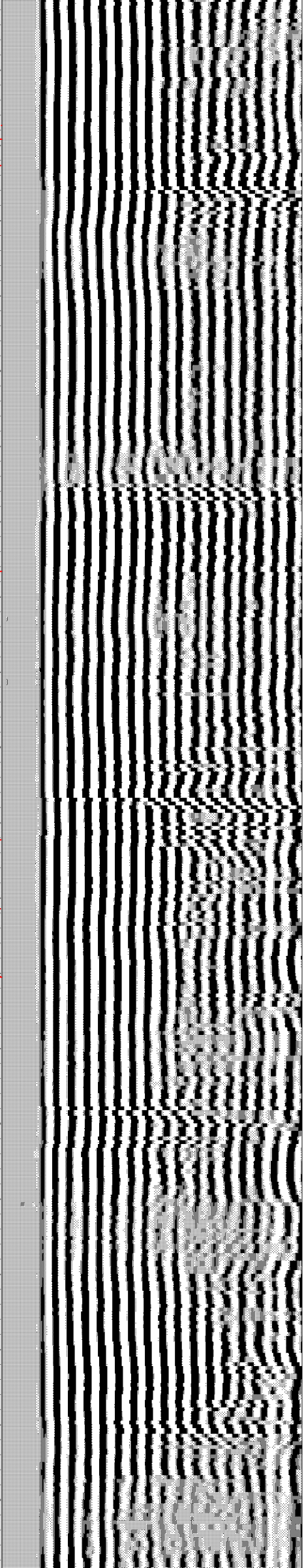
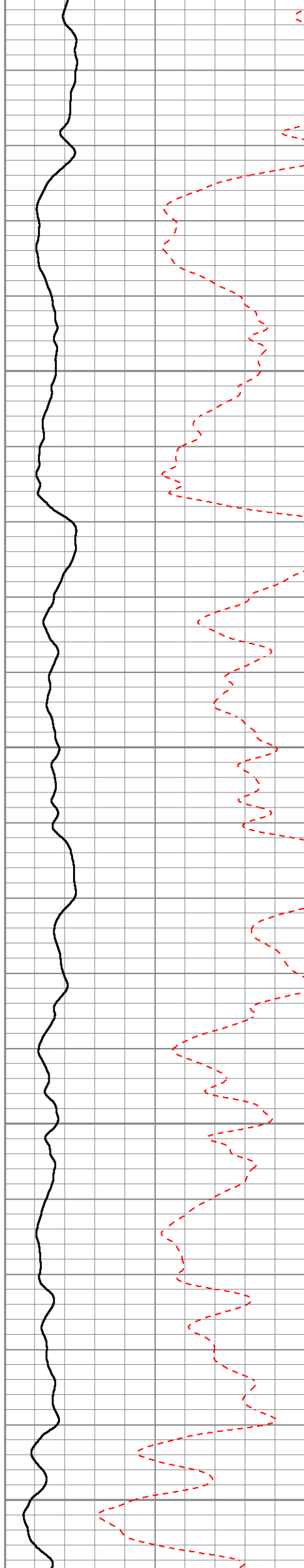


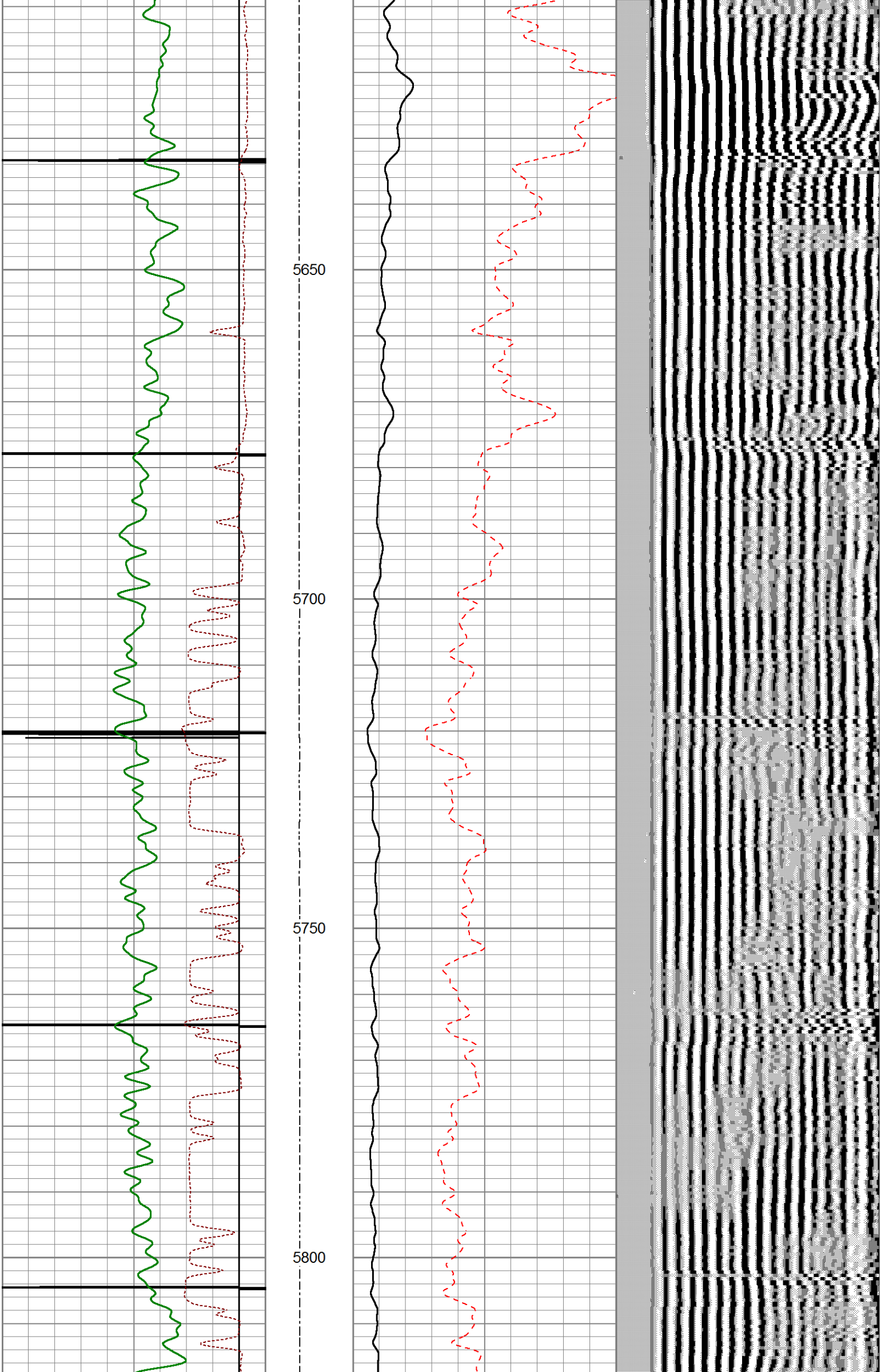
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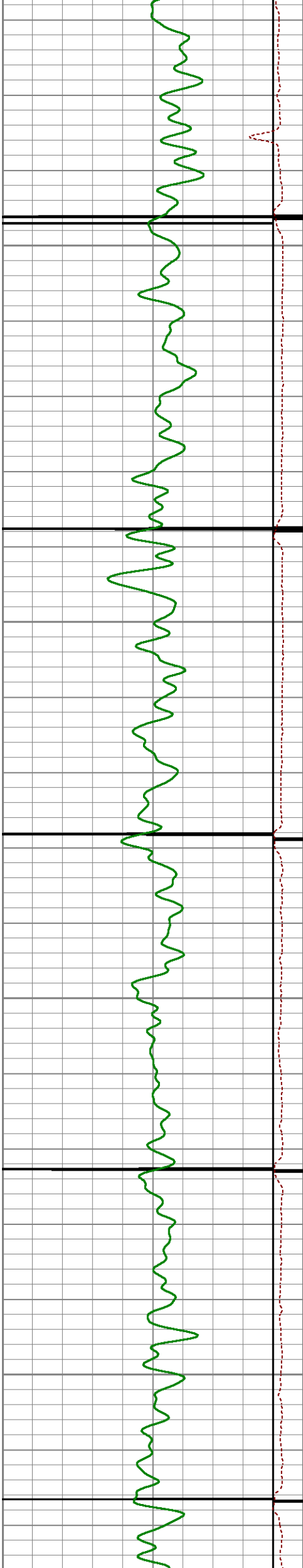
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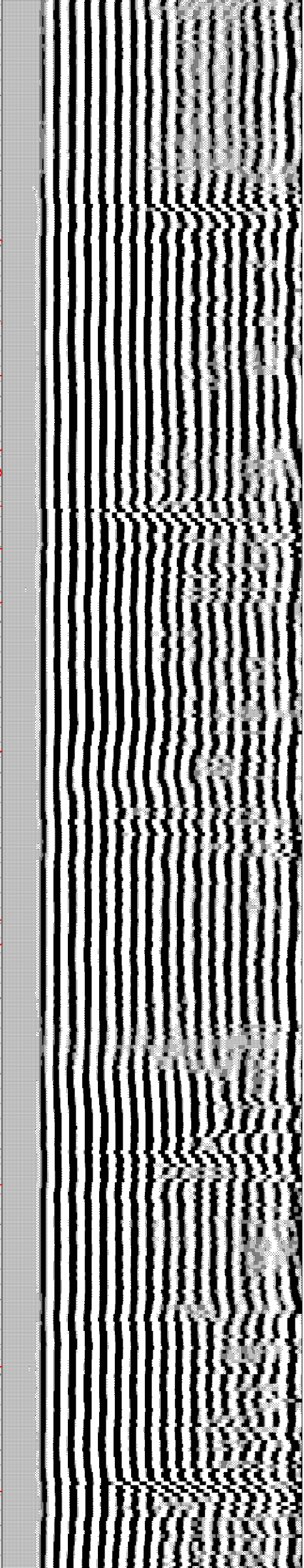
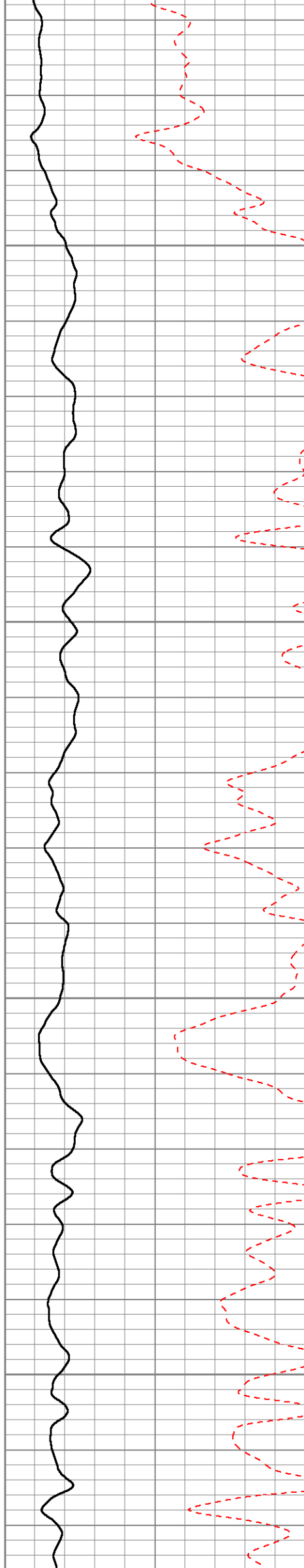


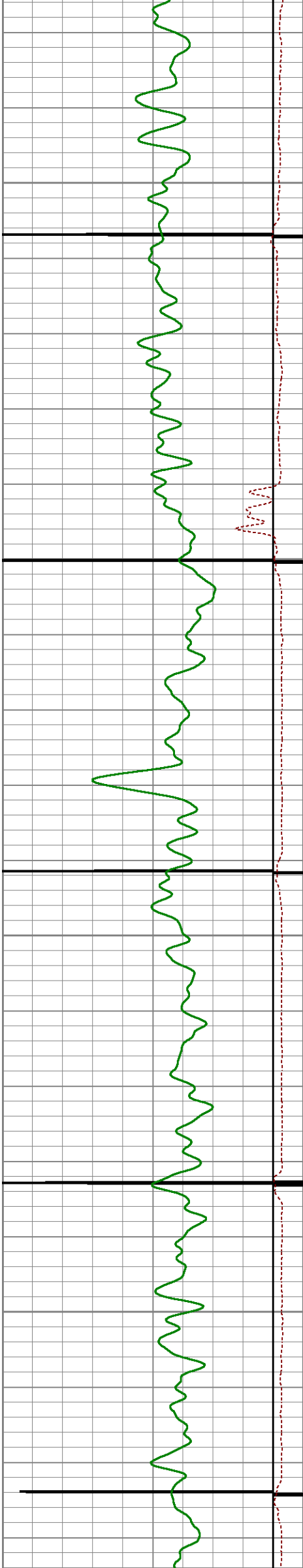
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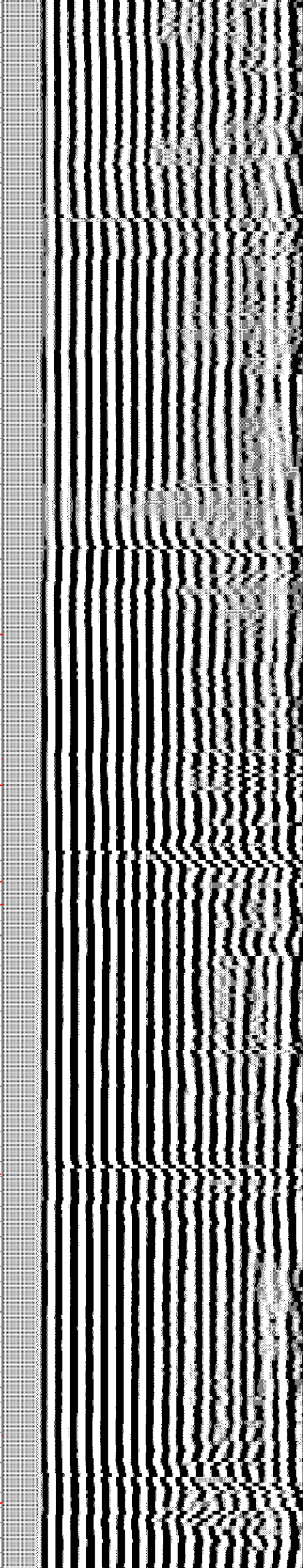
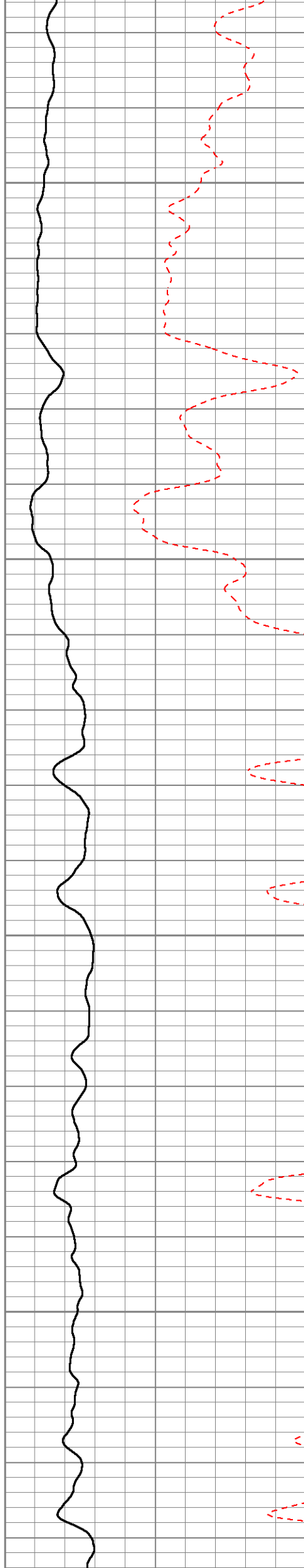


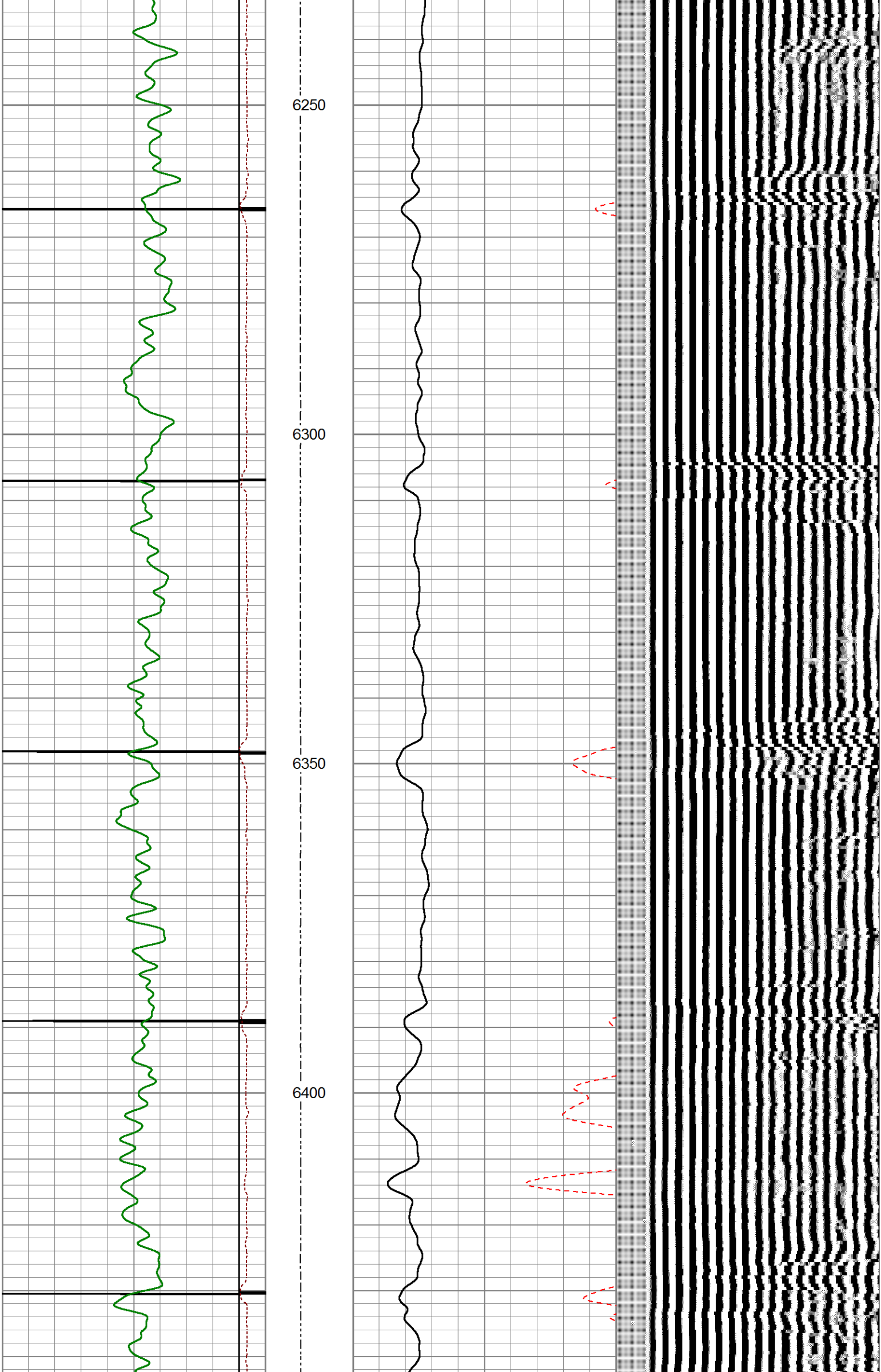
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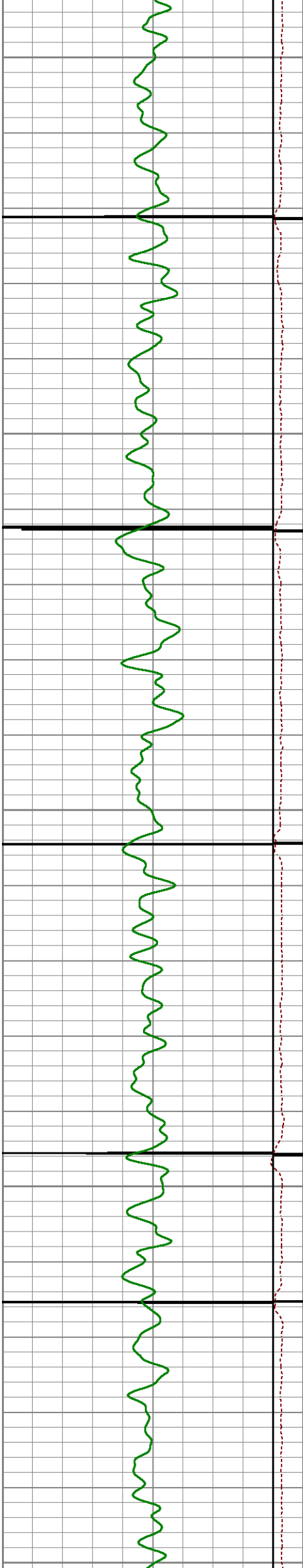
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6200







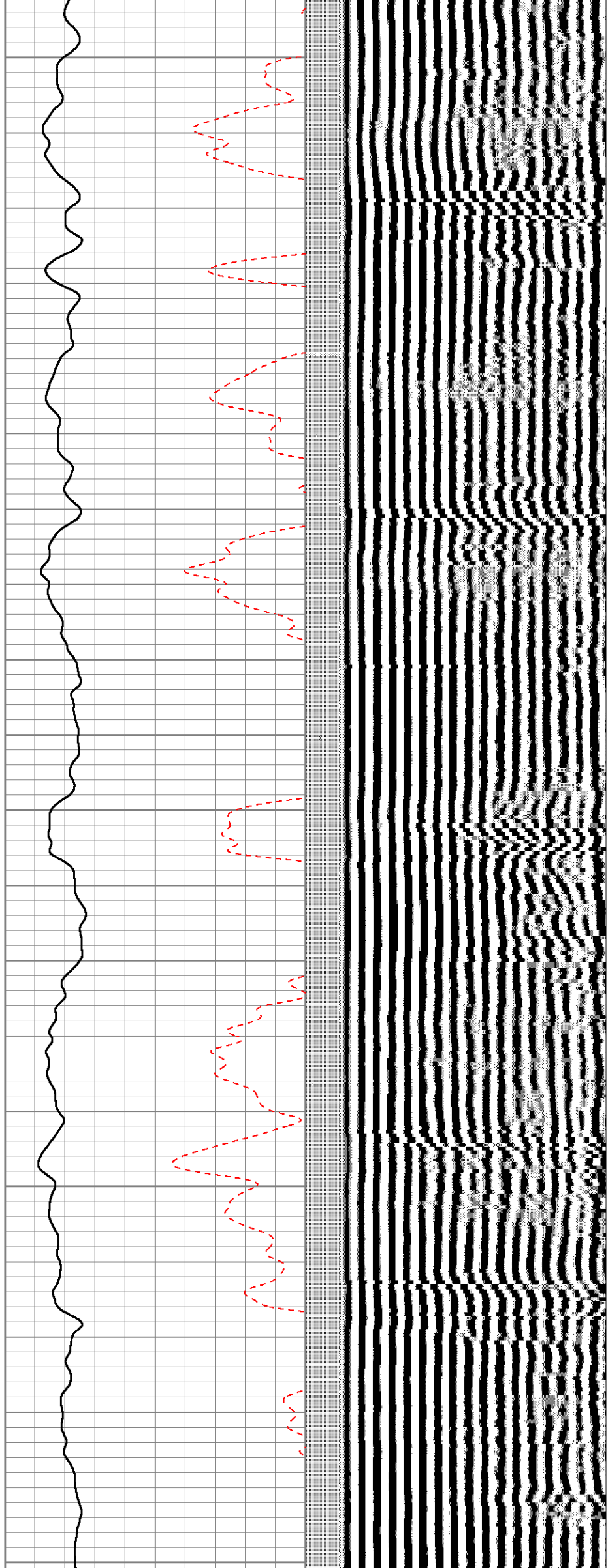
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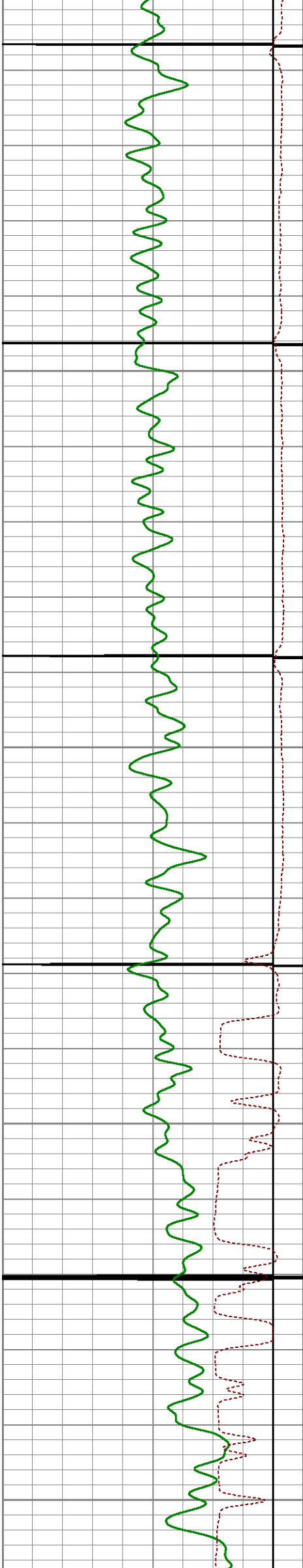
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6600

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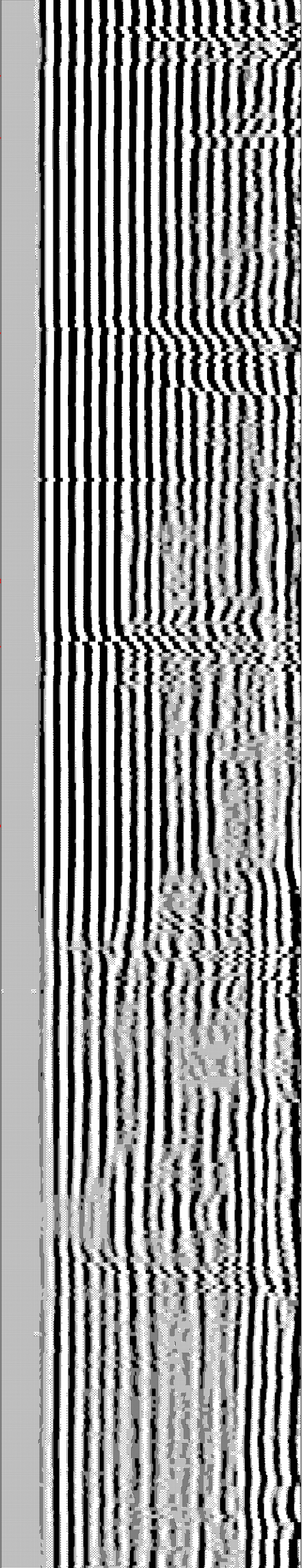
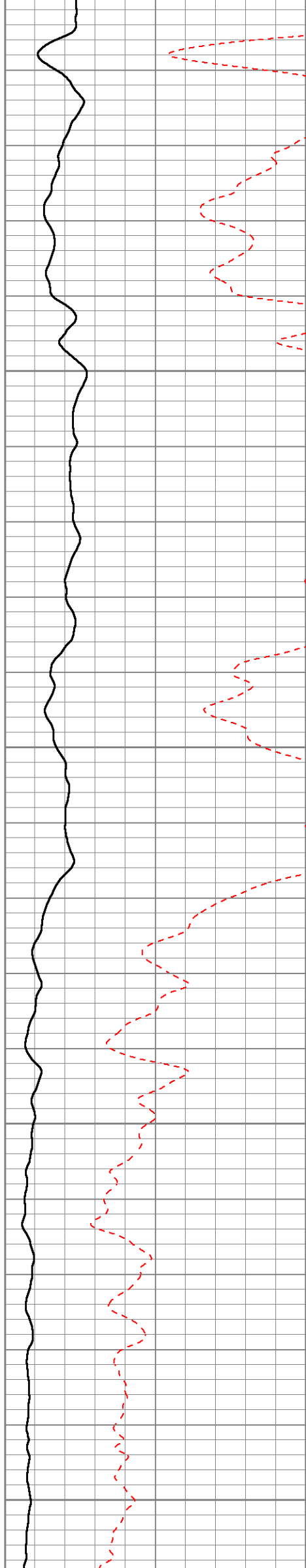


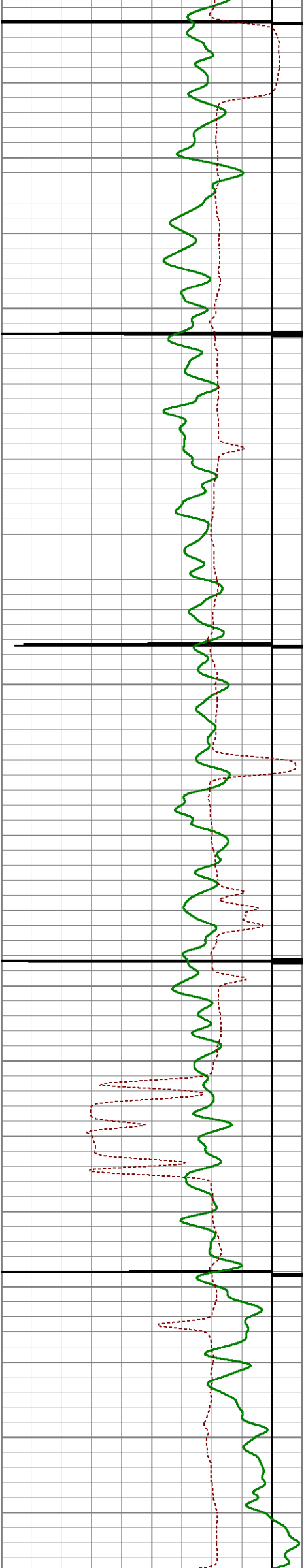
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6800

6850



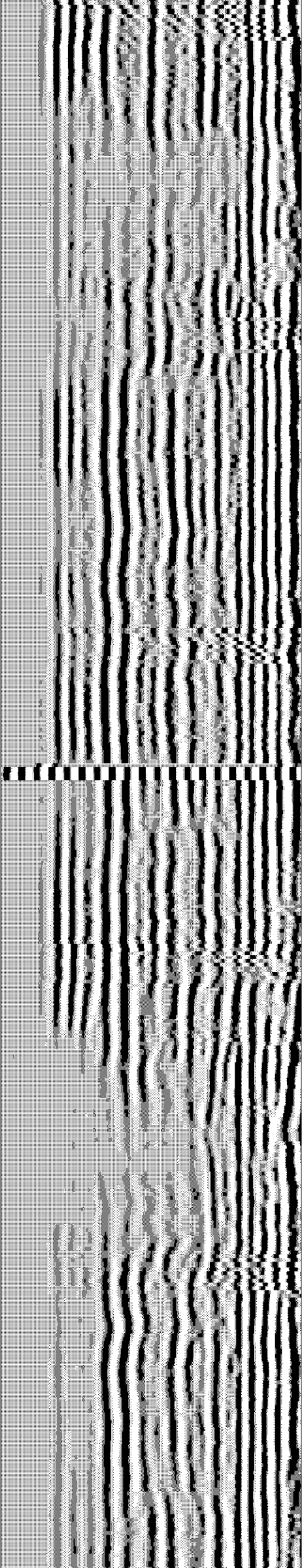
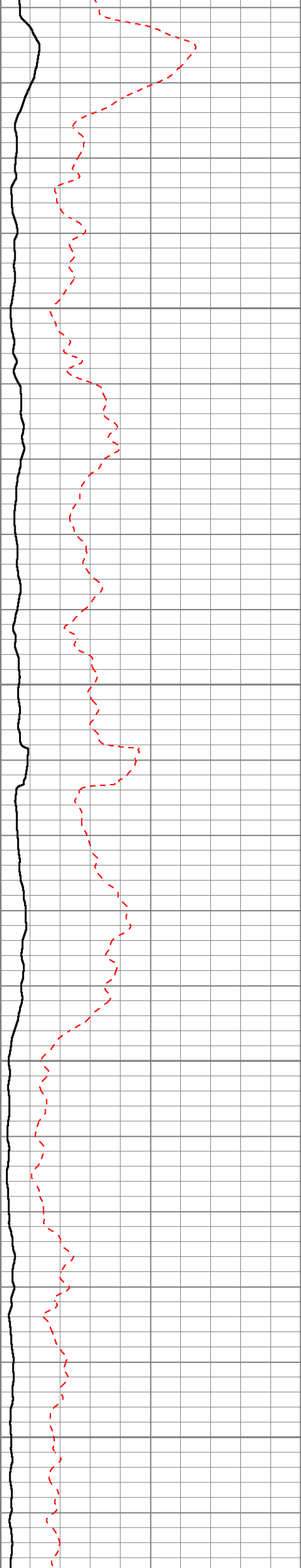


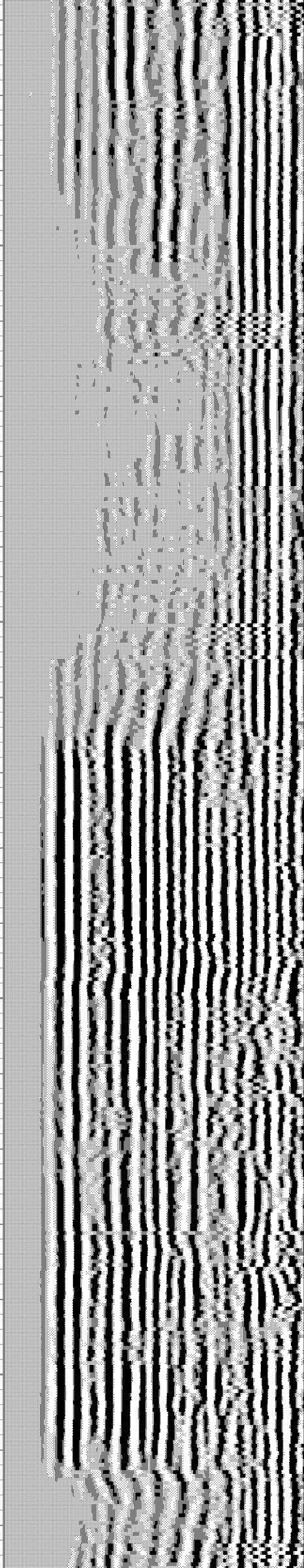
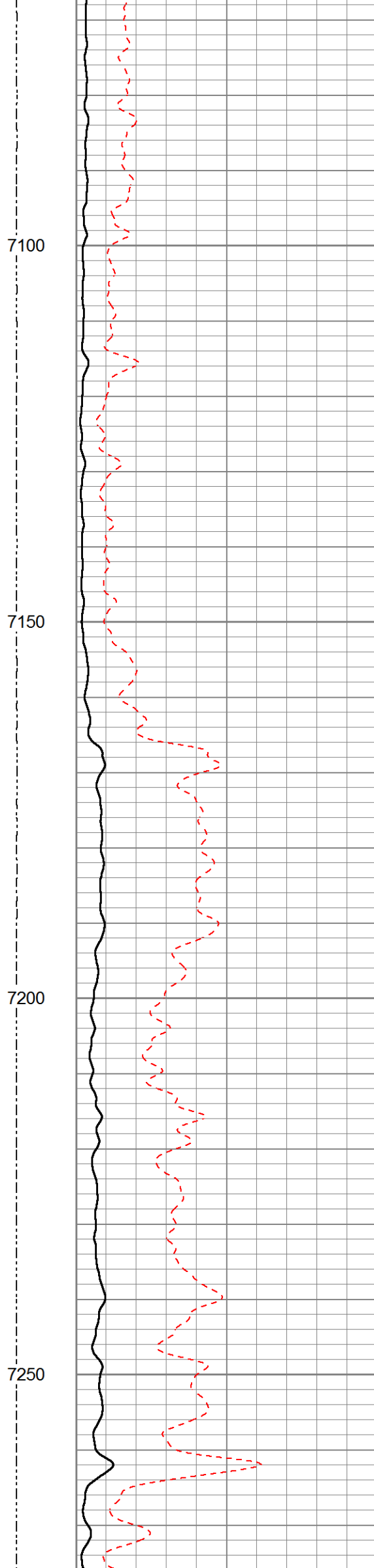
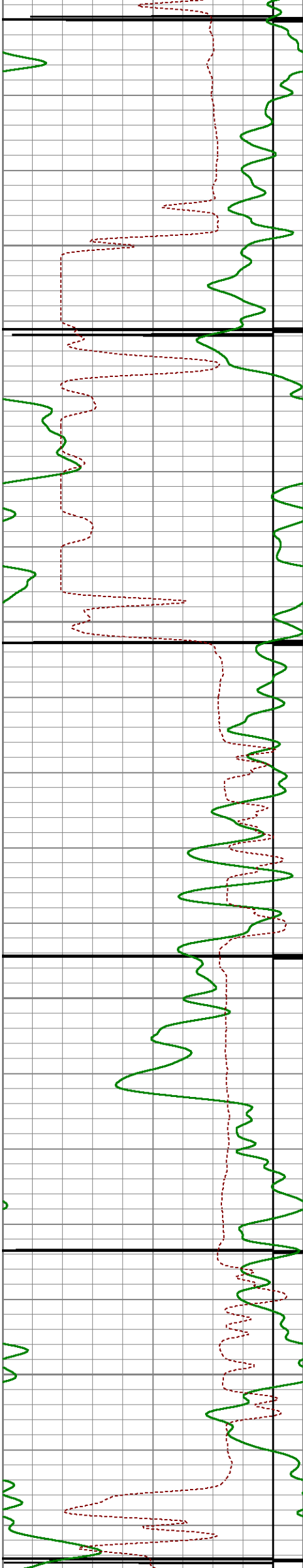
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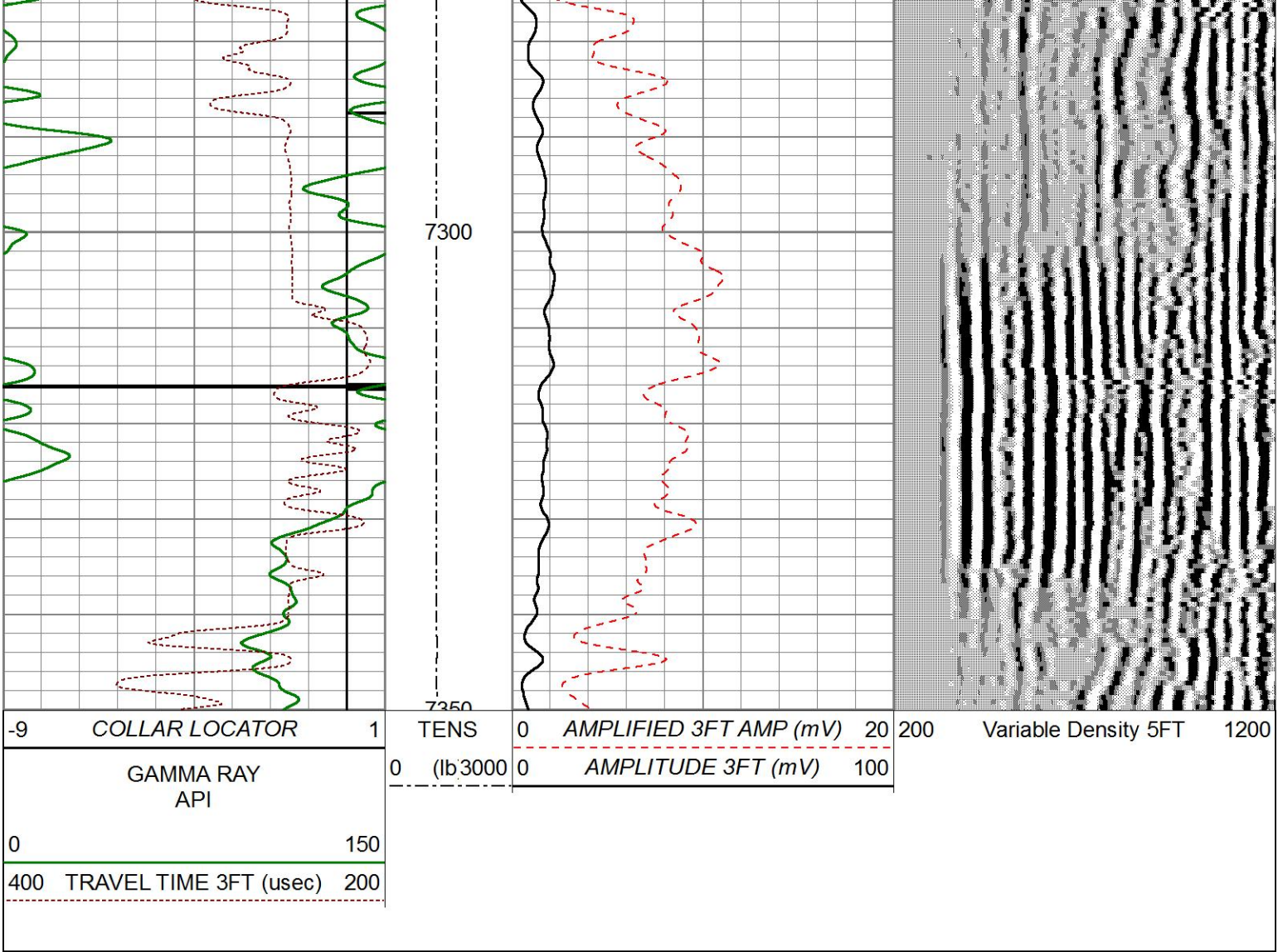
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7000

7050







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MAIN PASS

3' 5' GR CCL VDL

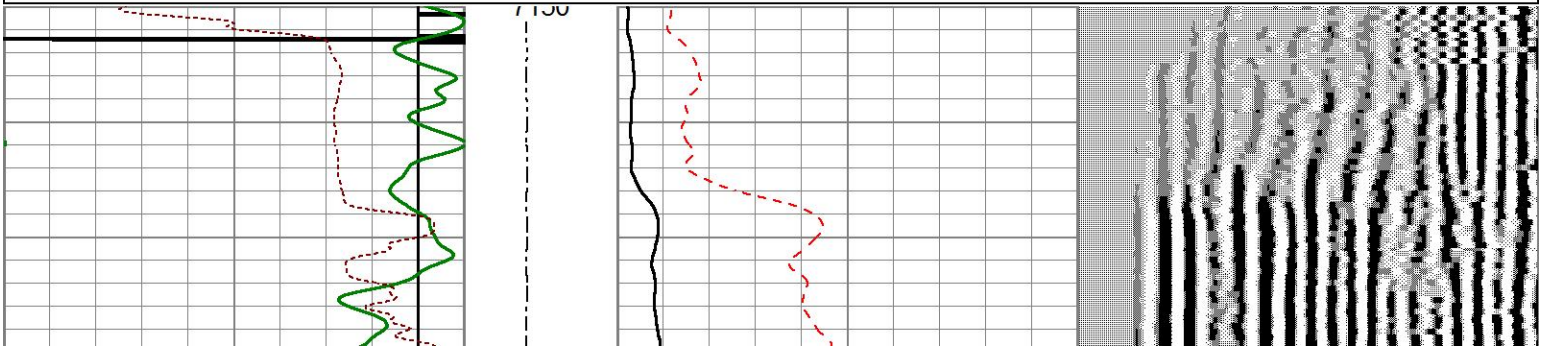
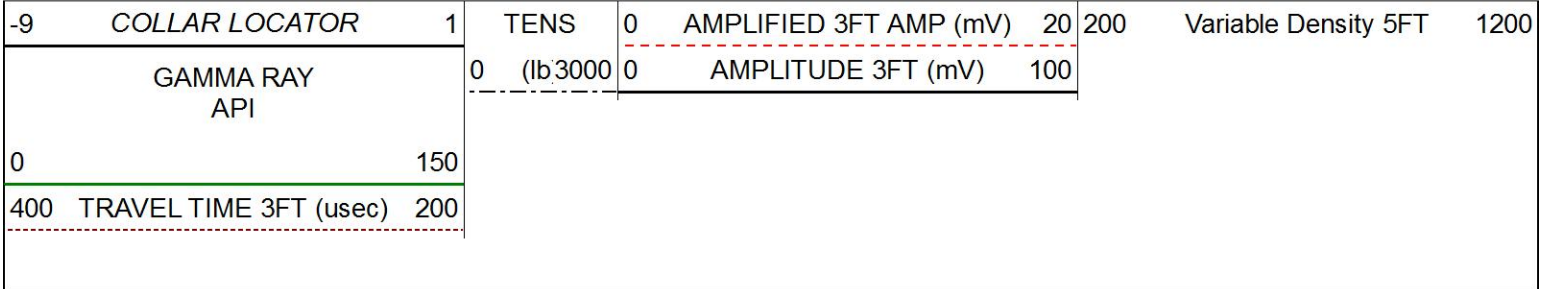


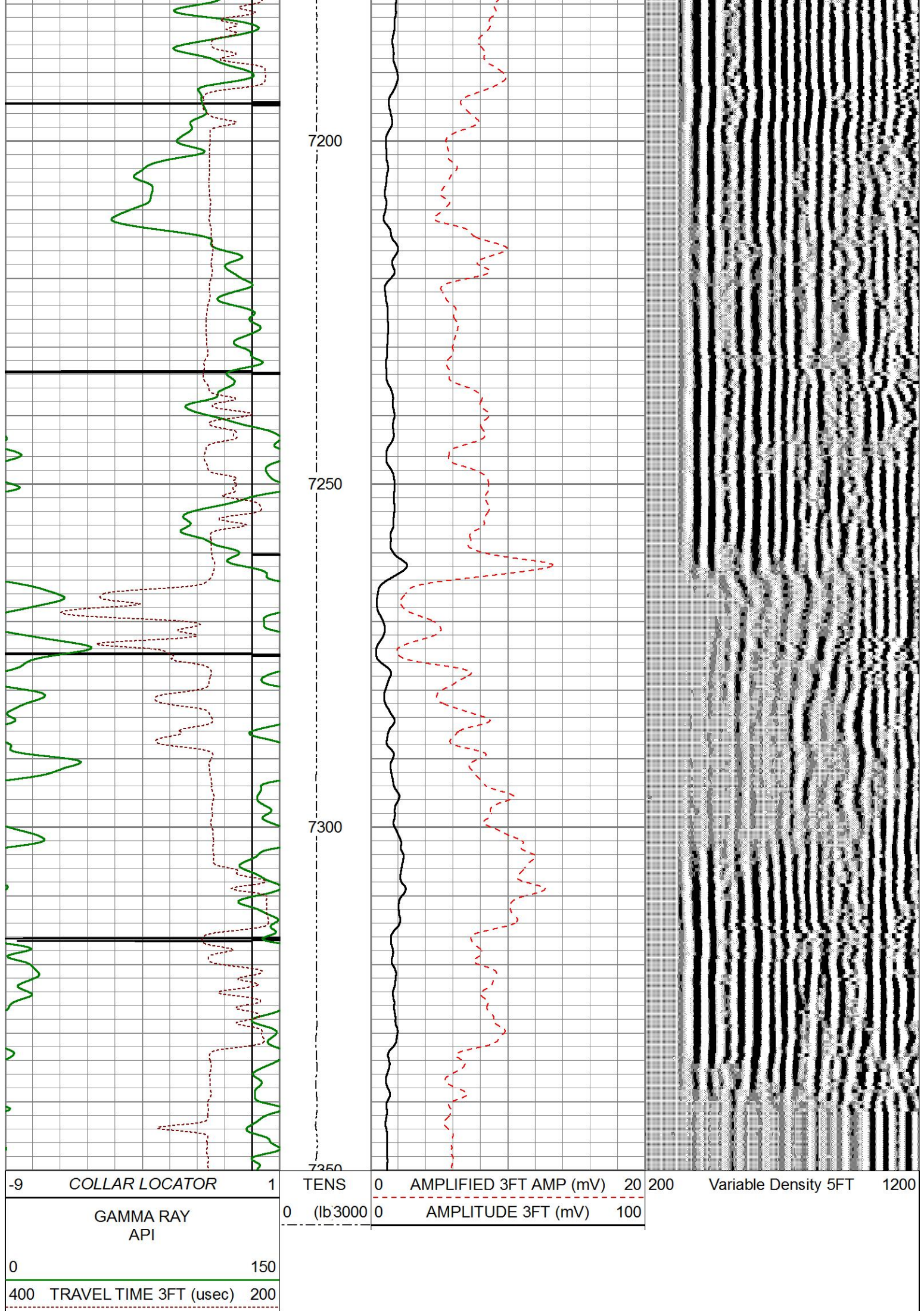
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REPEAT PASS

3' 5' GR CCL VDL

Database File waag24.db
Dataset Pathname pass4
Presentation Format gc3ft5ft
Dataset Creation Wed Oct 14 18:14:12 2015
Charted by Depth in Feet scaled 1:200

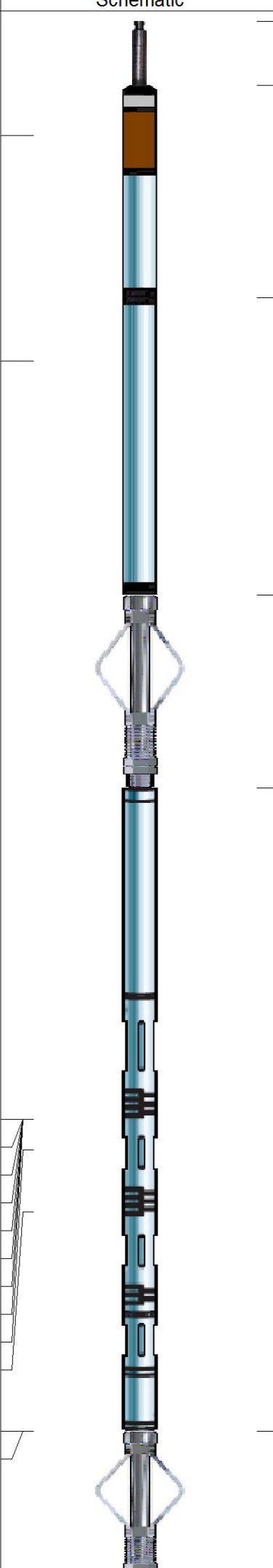
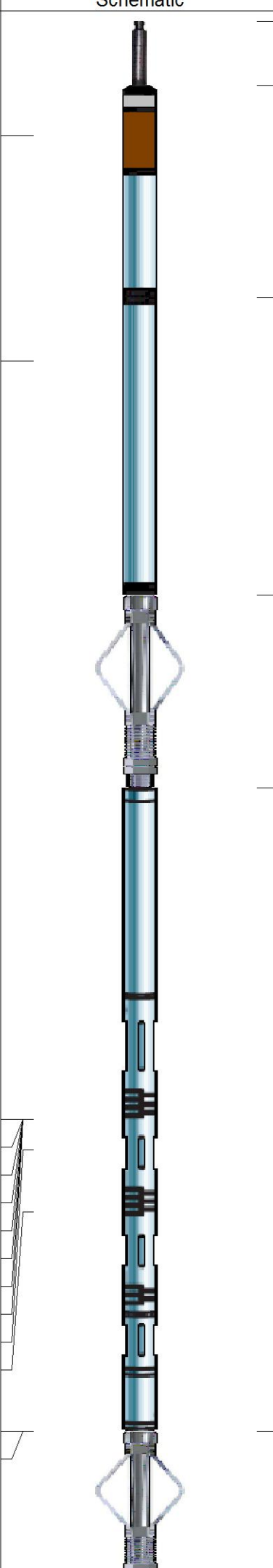
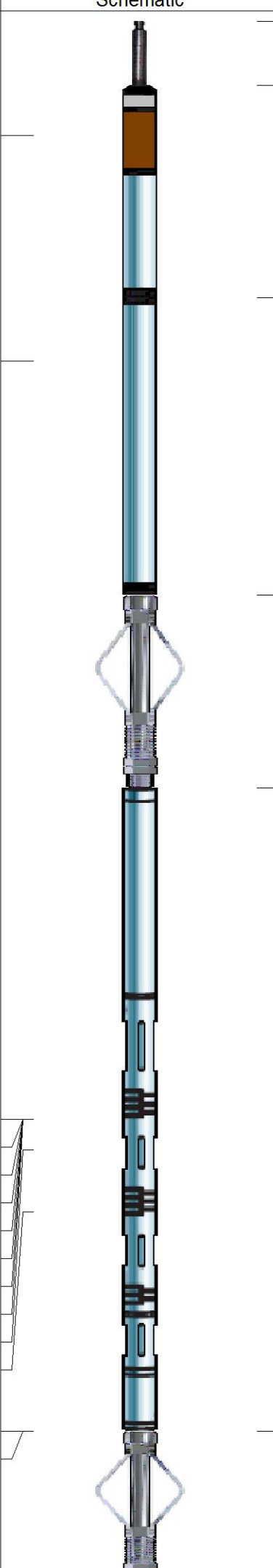




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REPEAT PASS

3'5' GB CCL VDI

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)	
CCL	23.39		CHD-Weatherford	1.03	1.44	40.00	
			CCL-CTBA2.7H (CTBA2_7H) 2.75CCL/TELEMETRY COMPUTALOG LOGGING CCL	3.40	2.75		
GR	19.78		GR-GRBA2.7H (GRBA2_7H) 2 3/4\" 350F/20K PSI COMPUTALOG SIX PIN GAMMA RAY	4.76	2.75	40.00	
			CENT-2.75CCent 2 3/4\" computalog cent	3.08	2.75	11.90	
WVFS8	7.65			SCBT-SCBT2.7H (SCBT2_7H-XXXX) 2 3/4\" 350F/20K PSI COMPUTALOG SECTOR BOND TOOL	10.29	2.75	90.00
WVFS7	7.65						
WVFS6	7.65						
WVFS5	7.65						
WVFS4	7.65						
WVFS3	7.65						
WVFS2	7.65						
WVFS1	7.65						
WVF3FT	7.16						
WVF5FT	6.18						
WVFSYNC	2.67			CENT-2.75CCent 2 3/4\" computalog cent	2.50	2.75	11.90
WVFCAL	2.67						
		BullPlug-BullPlug1		0.17	1.69	2.00	

Total length:	25.22 ft
Total weight:	195.80 lb
O.D.:	2.75 in