



3'5' GR CCL VDL
CEMENT BOND LOG

Company	EXTRACTION OIL & GAS			
Well	SILVERBACK 1			
Field	WILDCAT			
County	WELD			
State	COLORADO			
Company	EXTRACTION OIL & GAS	Well	SILVERBACK 1	
Field	WILDCAT			
County	WELD	State	COLORADO	
Location:	API # : 05-123-42283-00			Other Services
SHL: 300' FNL & 140' FWL				
SEC 36	TWP 12N	RGE 62W		Elevation
Permanent Datum	GL		Elevation	5282
Log Measured From	KB			K.B. 5307
Drilling Measured From	KB			D.F. 5307
				G.L. 5282

Run Number	1		
Depth Driller	17651		
Depth Logger	7470		
Bottom Logged Interval	7470		
Top Log Interval	0		
Open Hole Size	7.75		
Fluid	H2O		
Density / Viscosity	8.4		
Max. Recorded Temp.	220		
Estimated Cement Top	SEE LOG		
Time Well Ready	2000		
Time Logger on Bottom	SEE LOG		
Equipment Number	14166		
Location	LONGMONT		
Recorded By	N. SOUTHAM		
Witnessed By	SHAWN MCINTYRE		

Run Number	Bottom Record			Top Record		
	Bit	From	To	Size	Weight	To
Casing Record						
Surface String		Size	Wgt/Ft		Top	Bottom
Prod. String		9.625	36		0	1500
Production String		5.5	20		0	17651
liner						

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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 #134522323
THANK YOU FOR CHOOSING WEATHERFORD WIRELINE FOR THIS JOB. YOUR CREW TONIGHT WAS			
N. SOUTHAM E. PRESTON			
THIS LOG WAS RAN WITHIN 24 HOURS OF CEMENT JOB AT COSTUMER REQUEST FROM DEEPEST REACHABLE			
DEPTH TO SURFACE			

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	

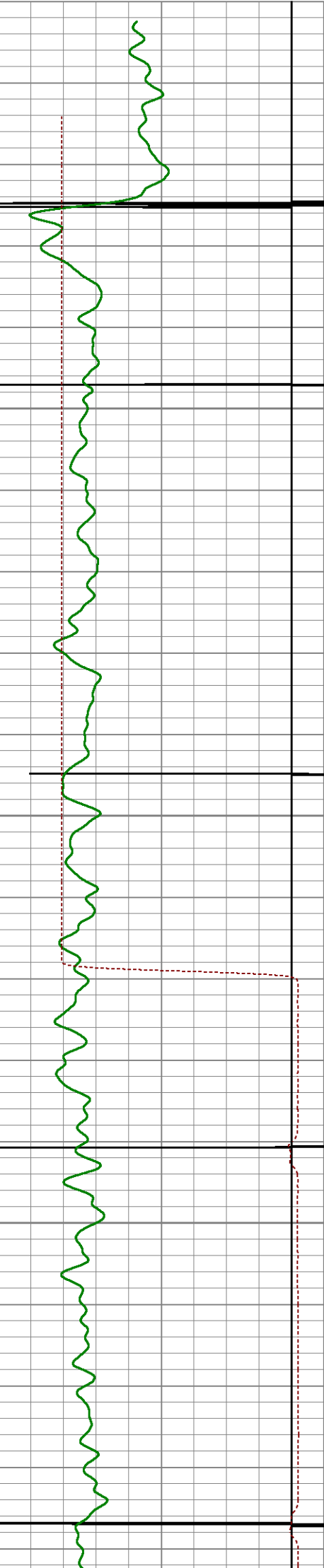


MAIN PASS

CEMENT BOND LOG

Database File	extraction_oil&gas_silverback1_134522323_cbl.db
Dataset Pathname	merge1
Presentation Format	gc3ft5ft
Dataset Creation	Wed Nov 11 23:08:33 2015
Charted by	Depth in Feet scaled 1:200

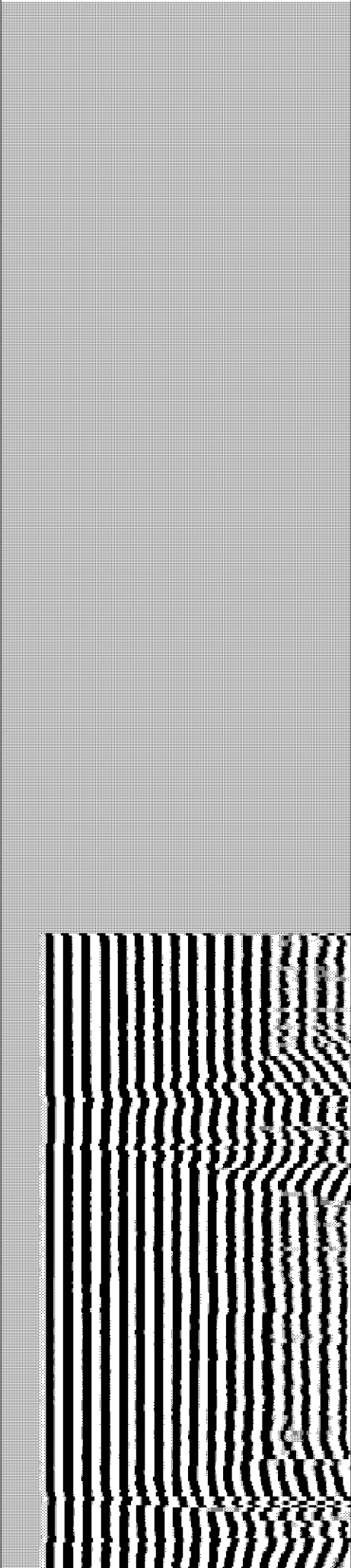
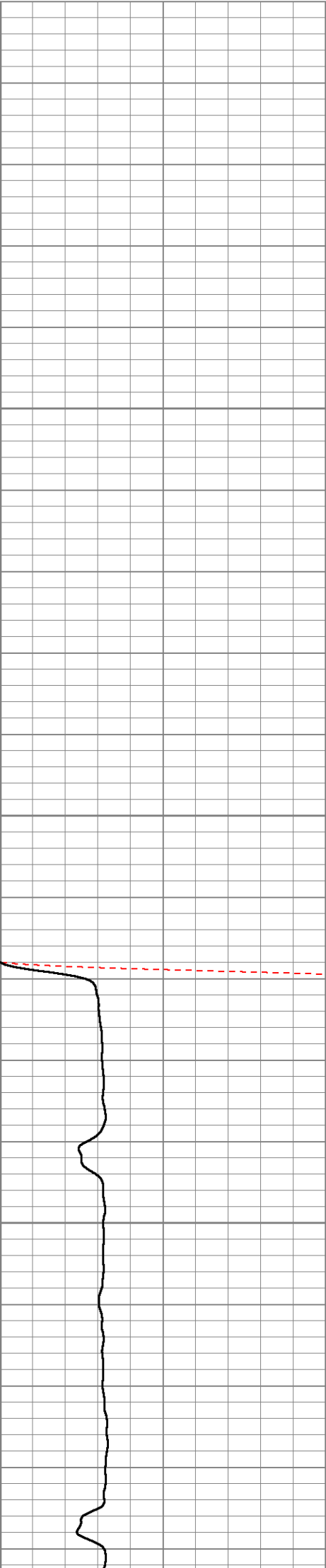
-9	COLLAR LOCATOR	1	TENS	0	AMPLIFIED 3FT AMP (mV)	20	200	Variable Density 5FT	1200
	GAMMA RAY API		0 (lb 3000)	0	AMPLITUDE 3FT (mV)	100			

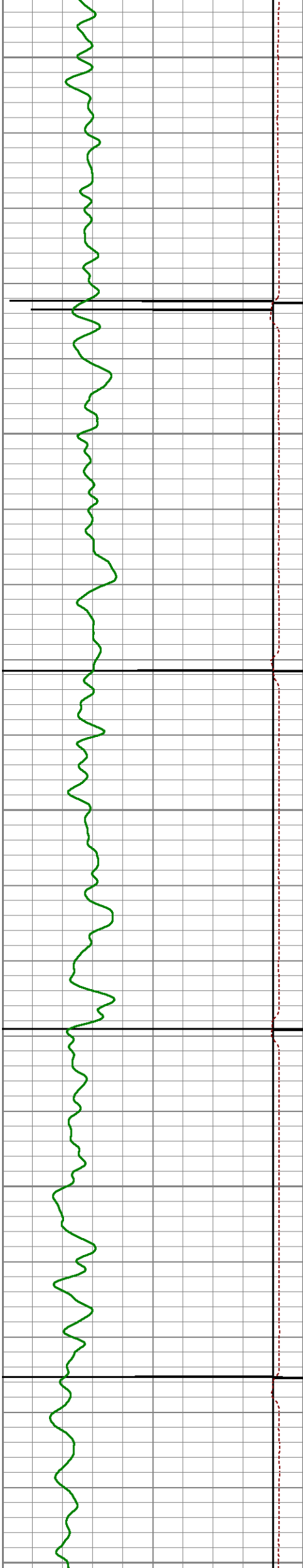


50

100

150





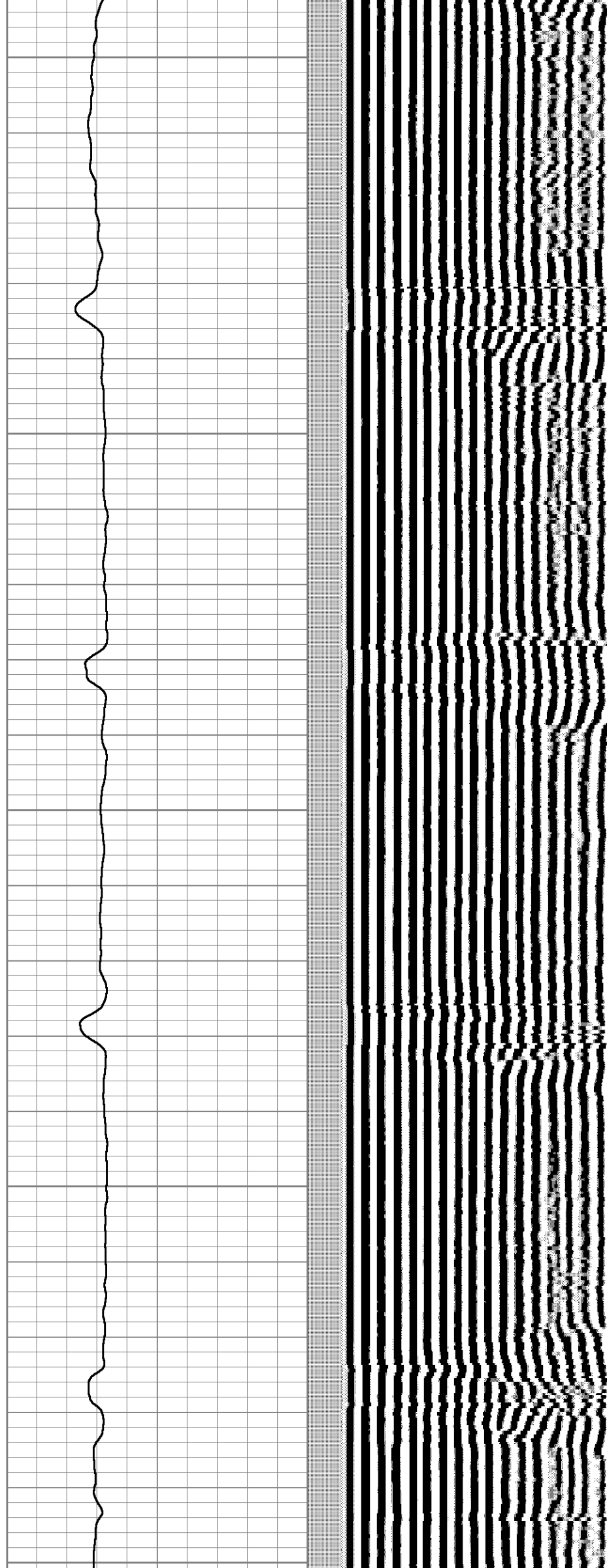
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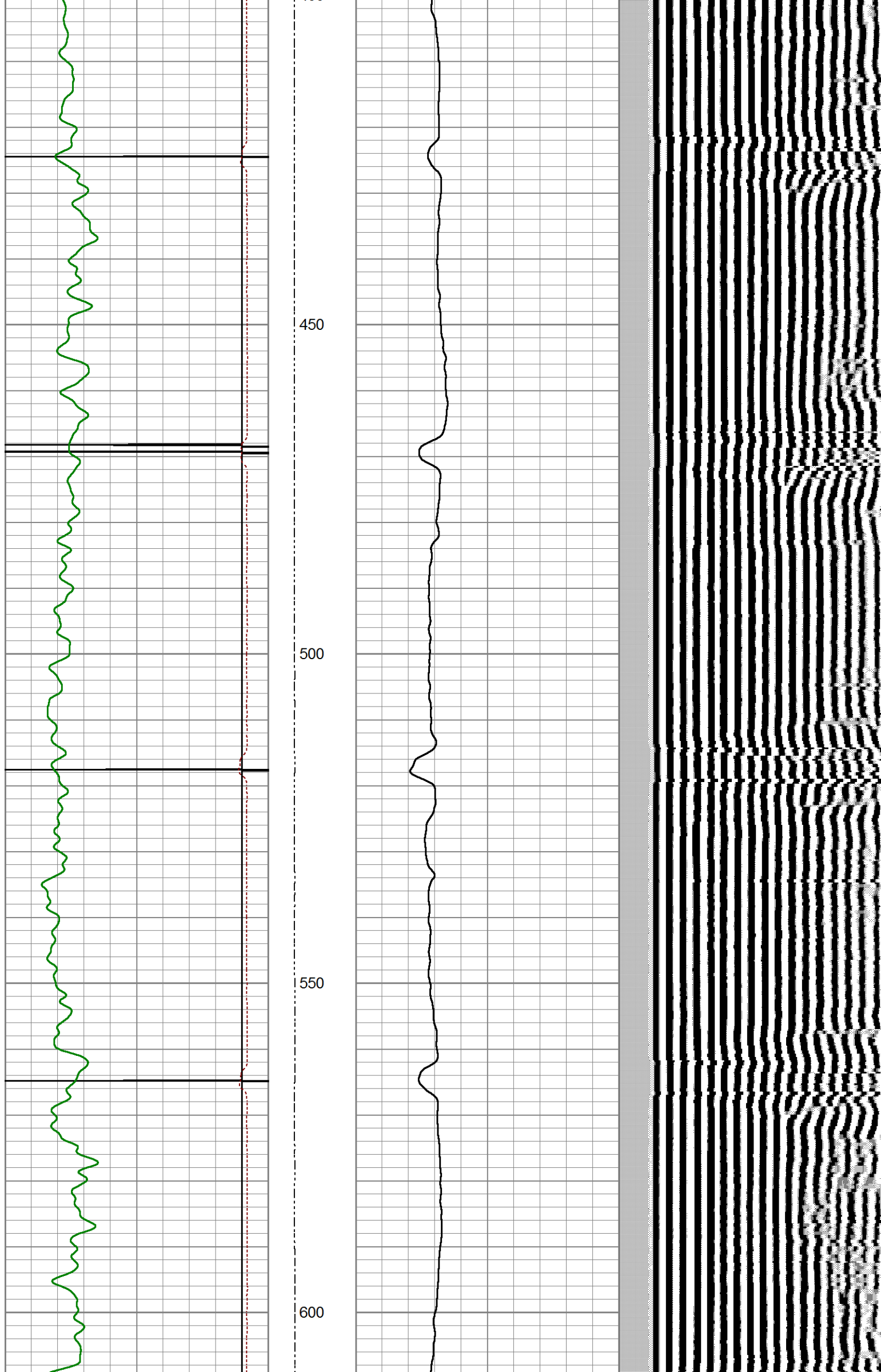
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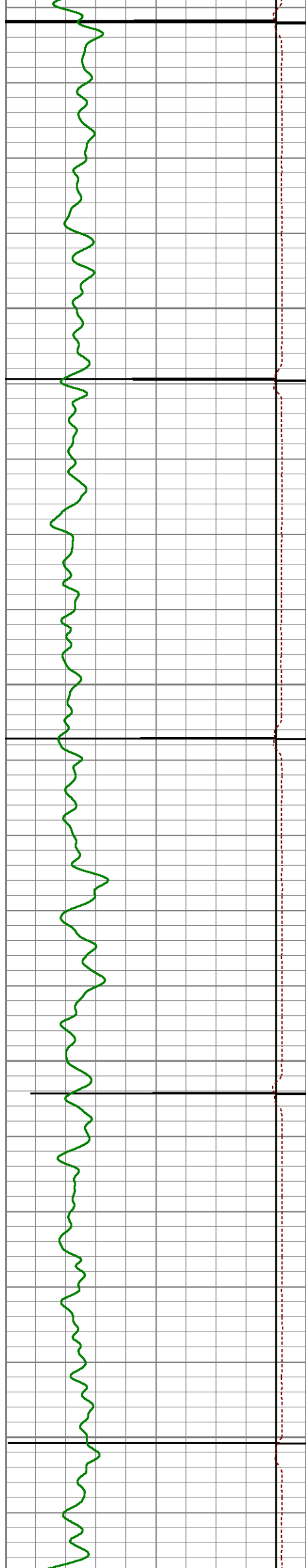
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350

400





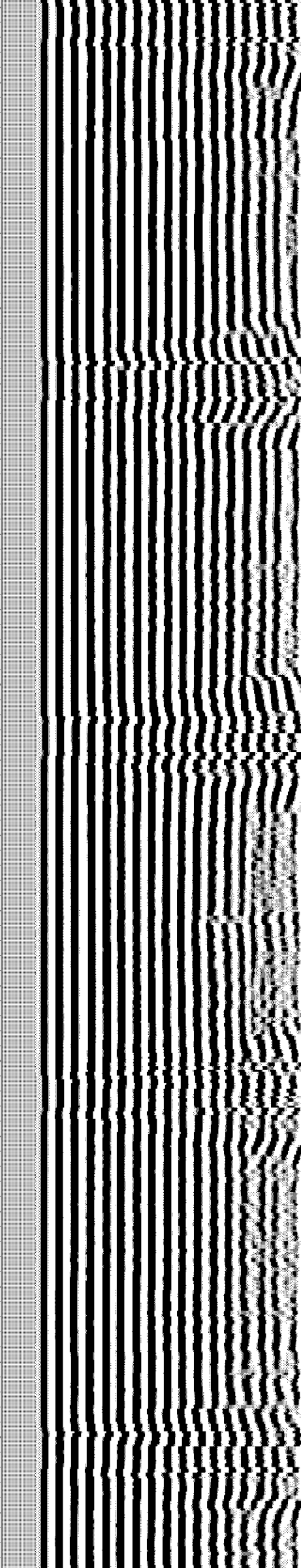
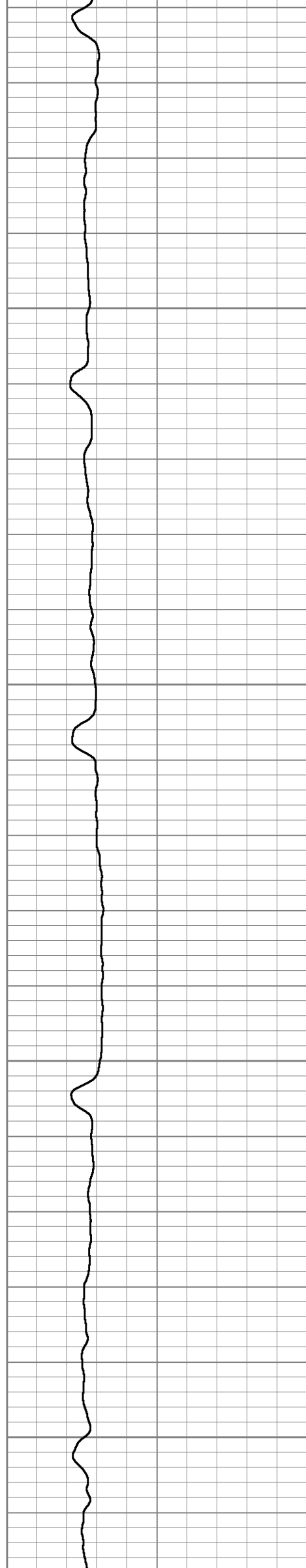


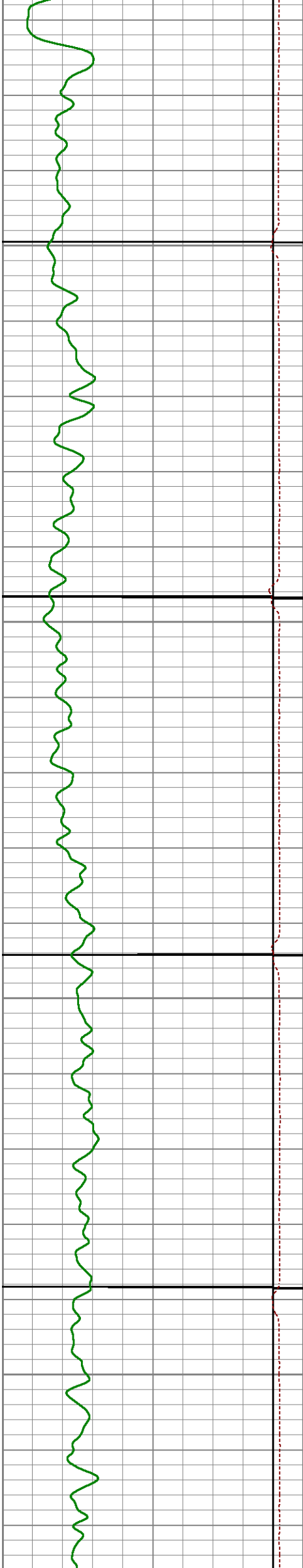
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700

750

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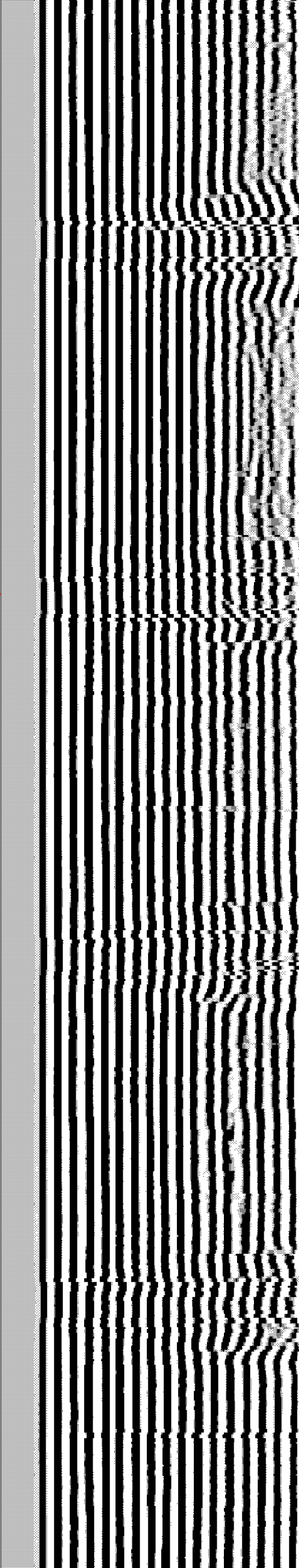
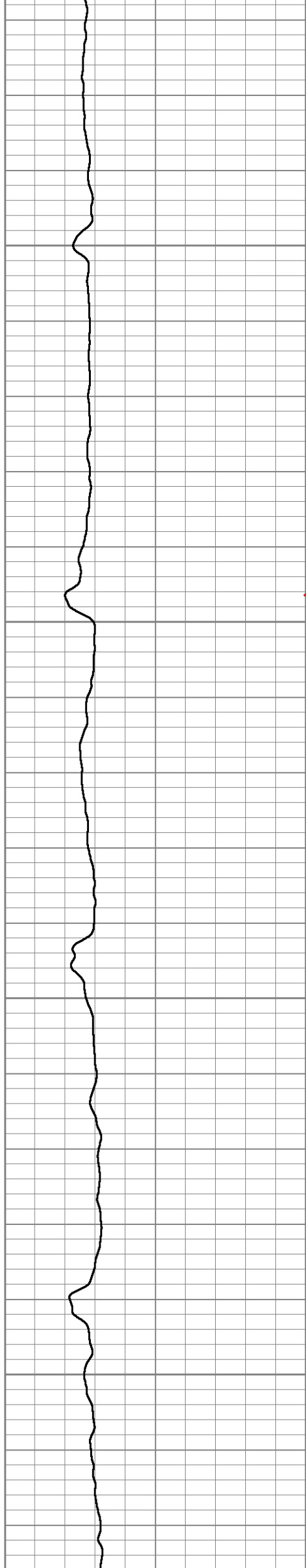


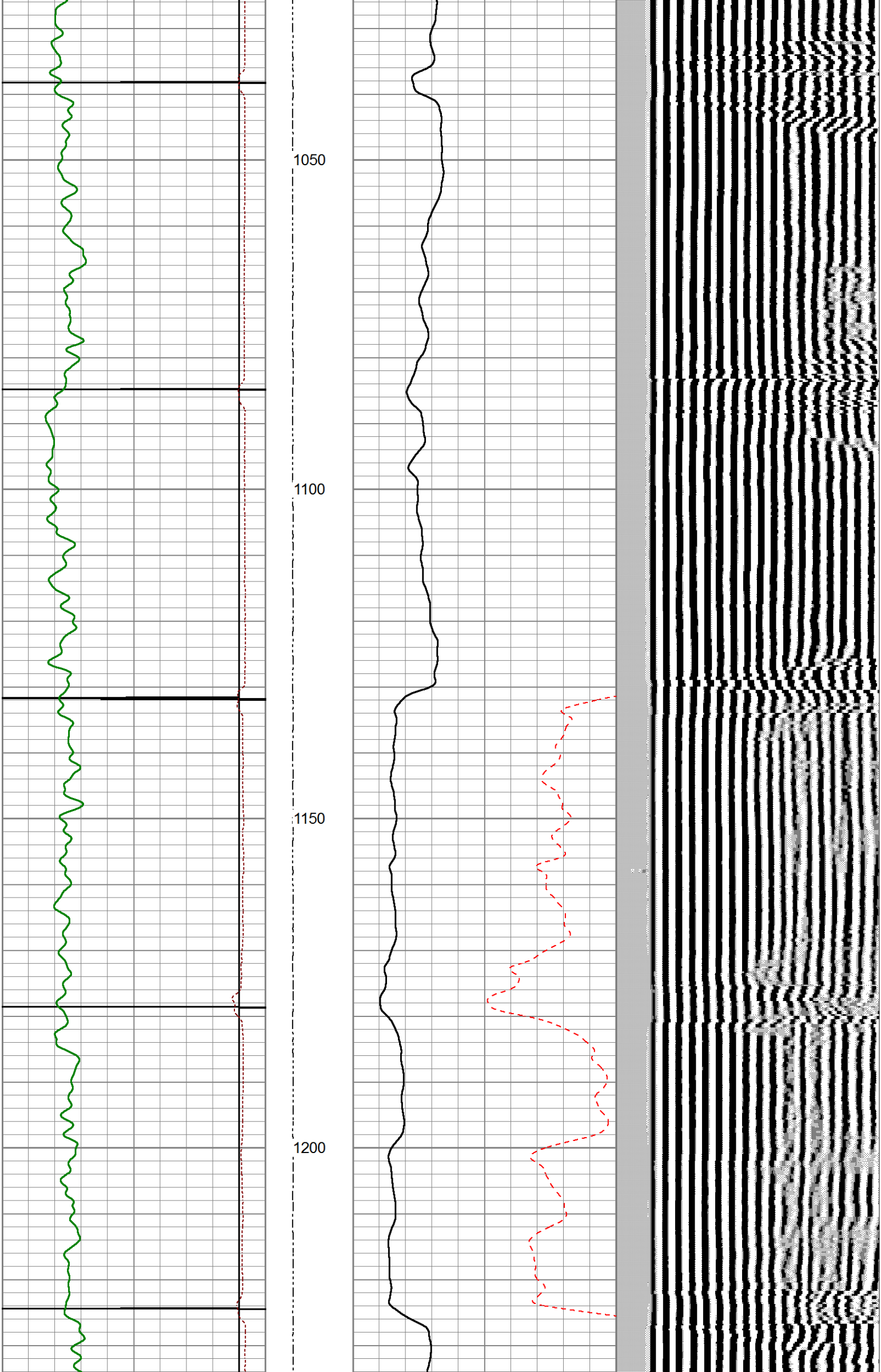
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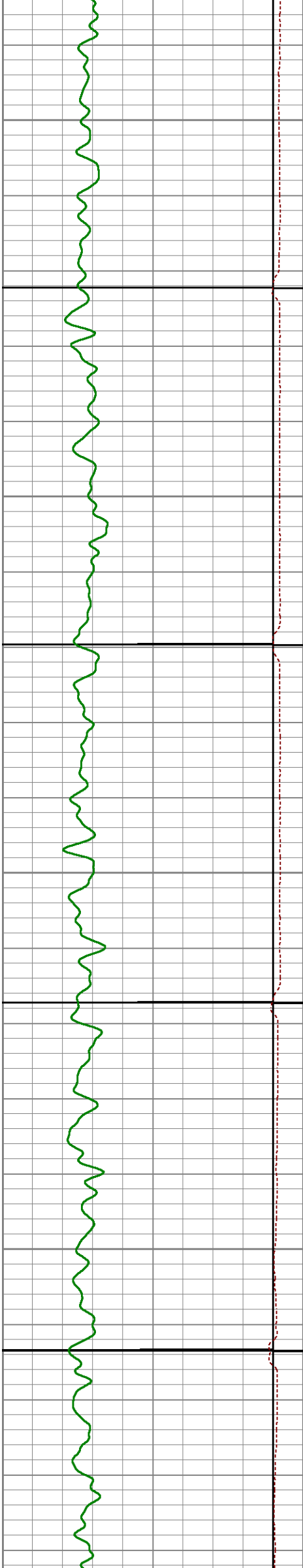
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1000





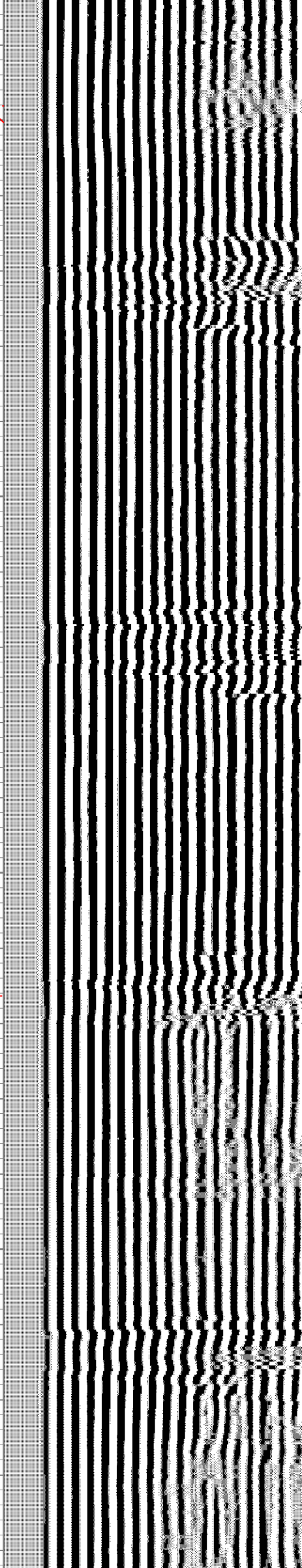
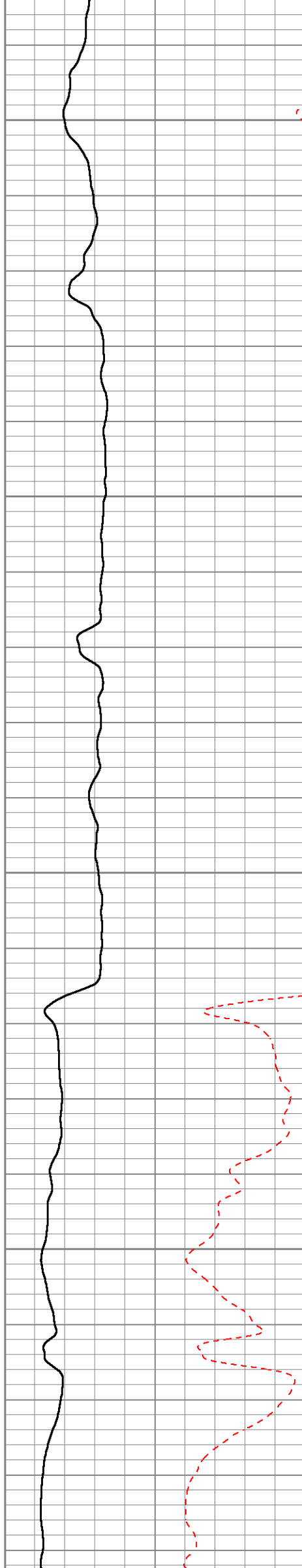


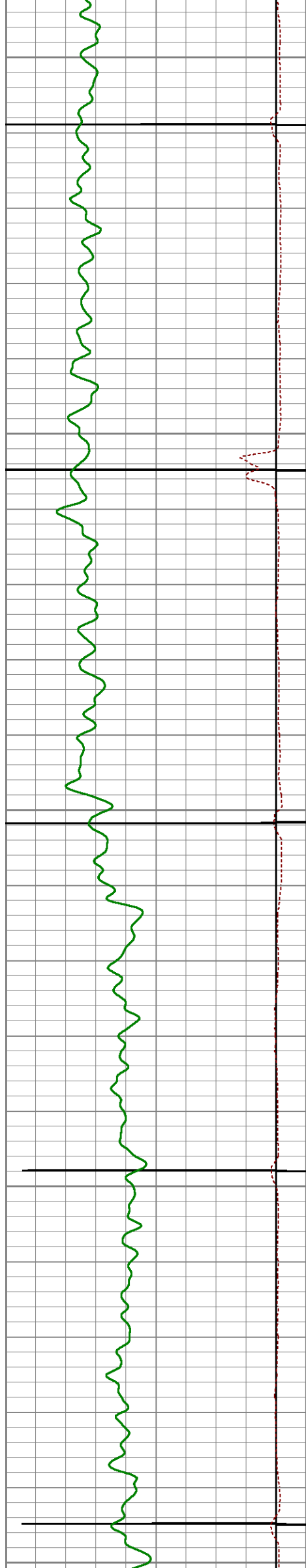
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1300

1350

1400





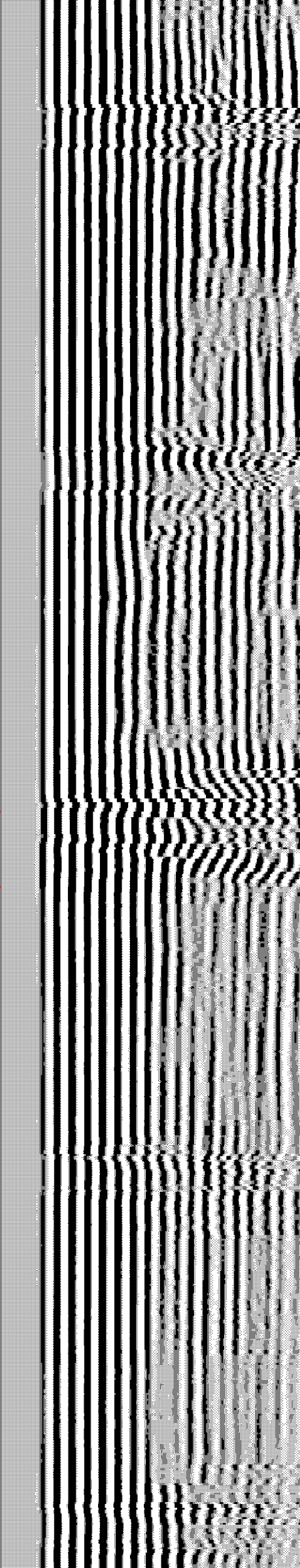
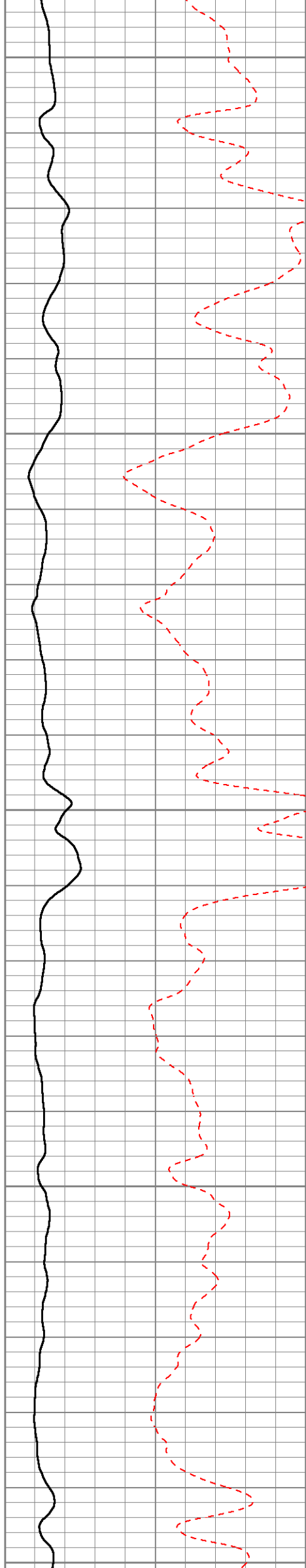
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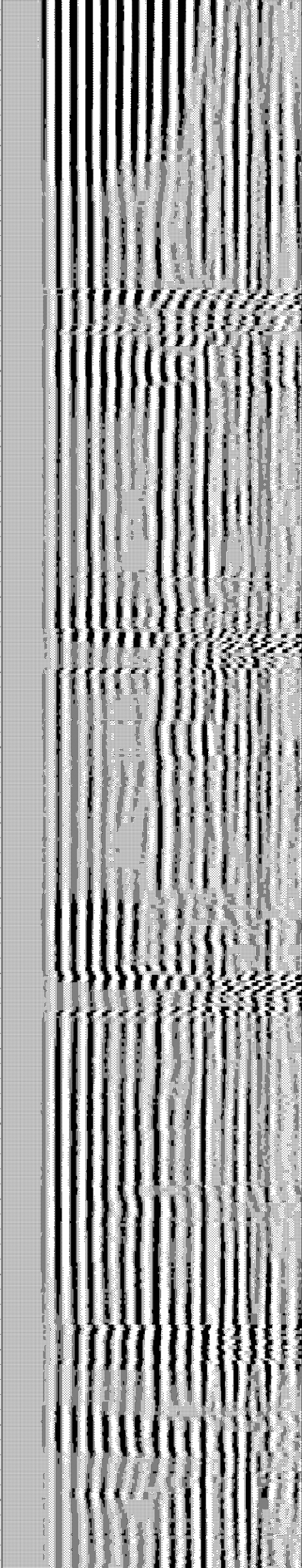
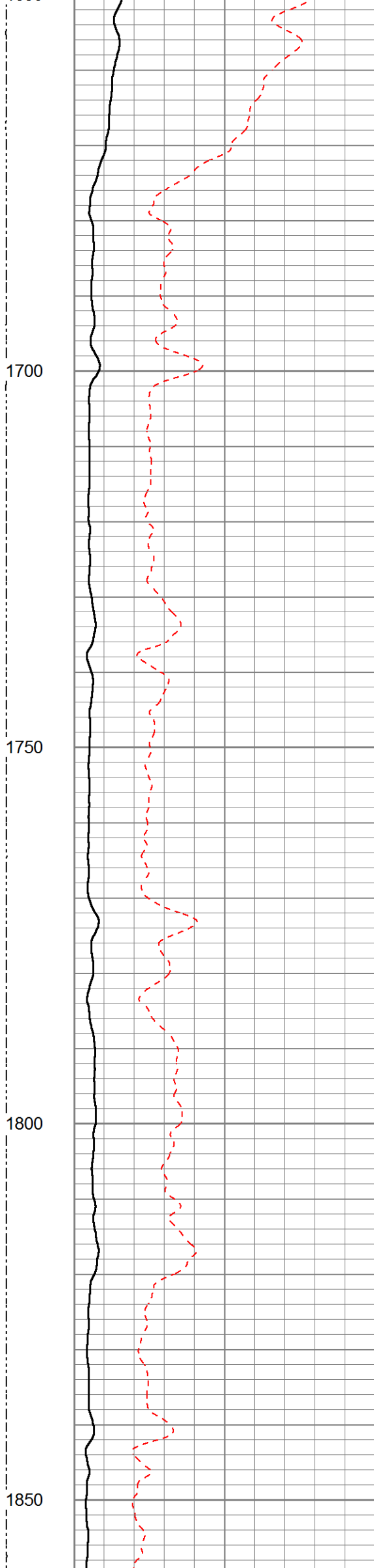
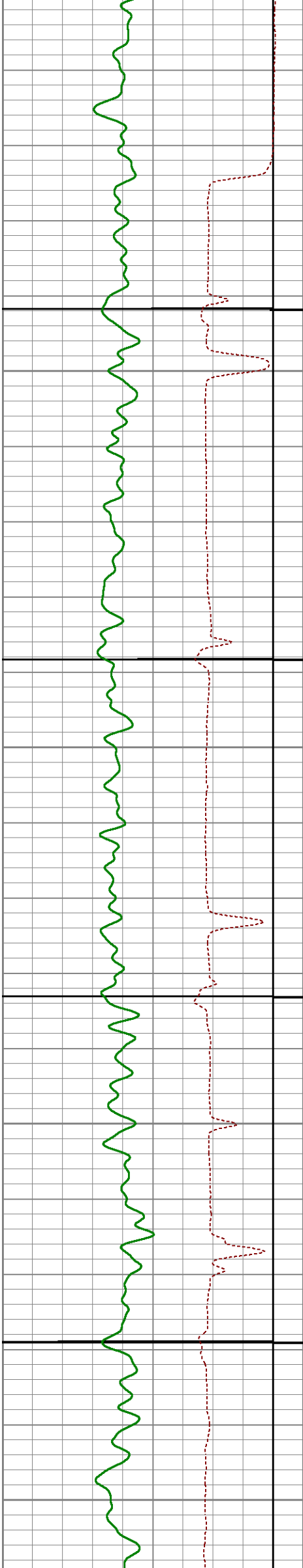
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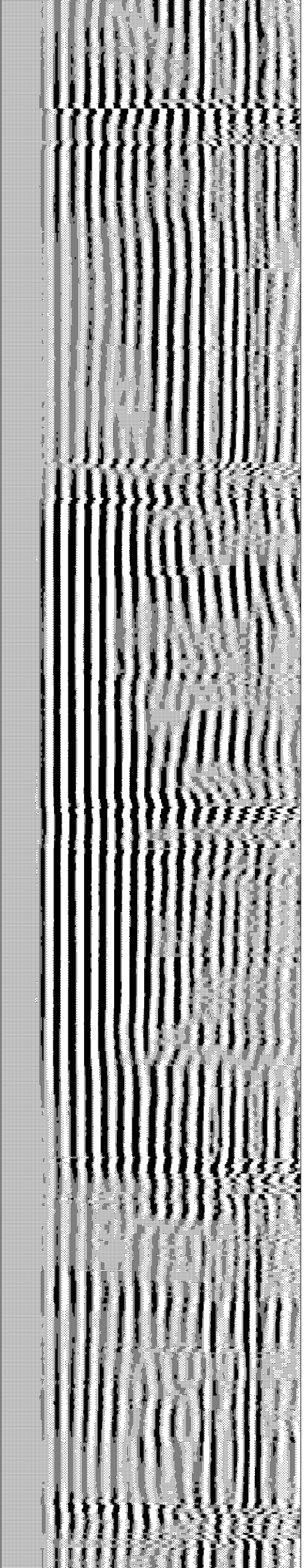
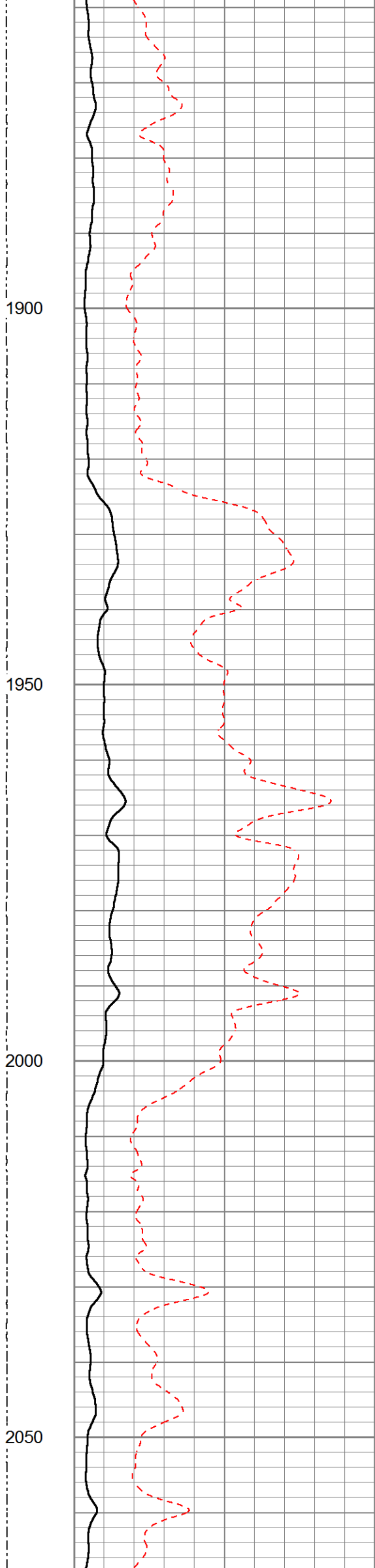
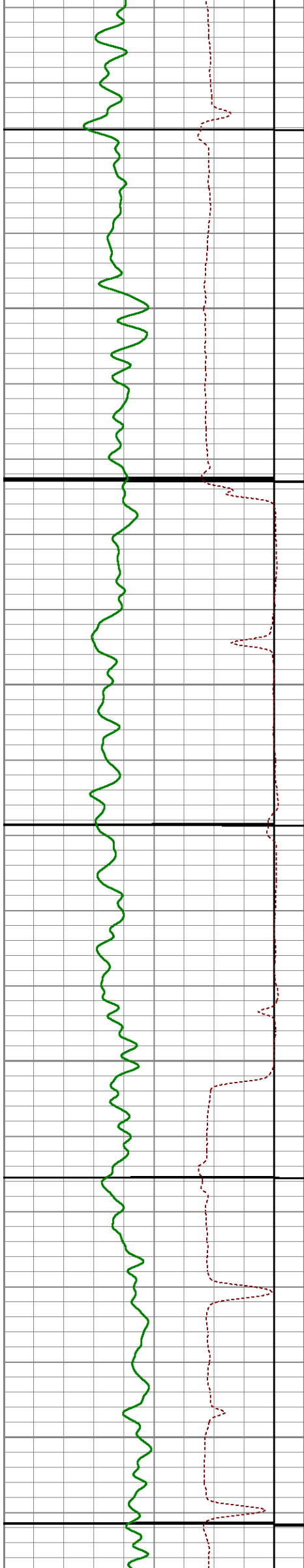
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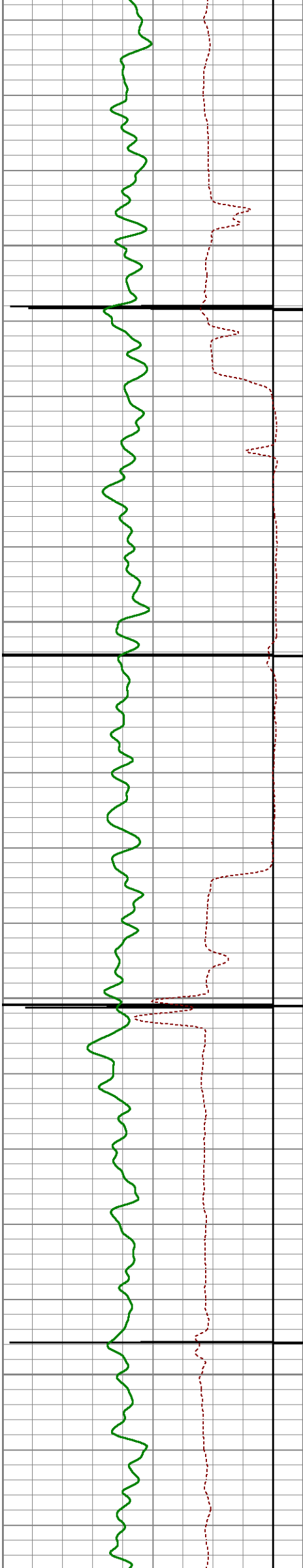
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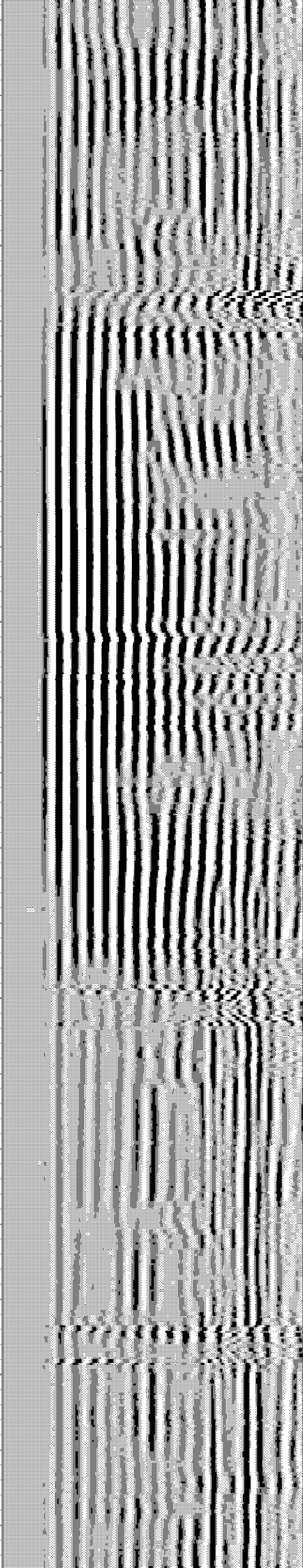
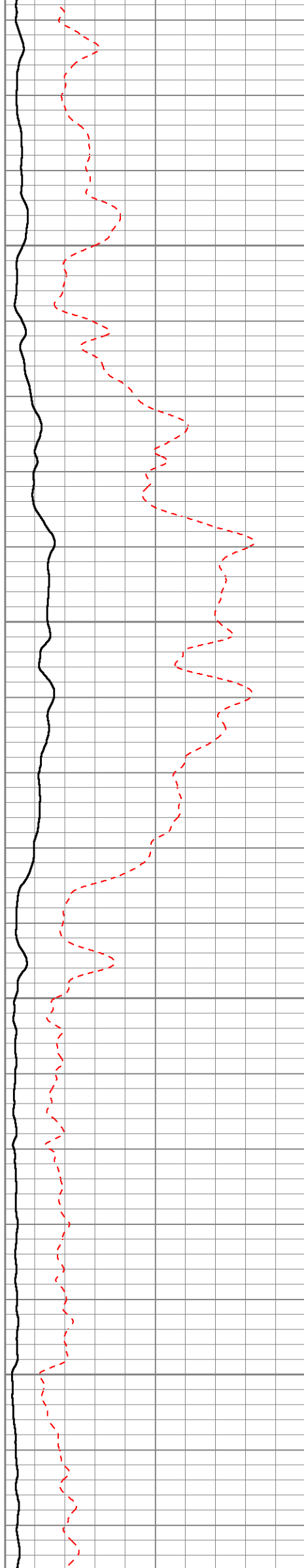


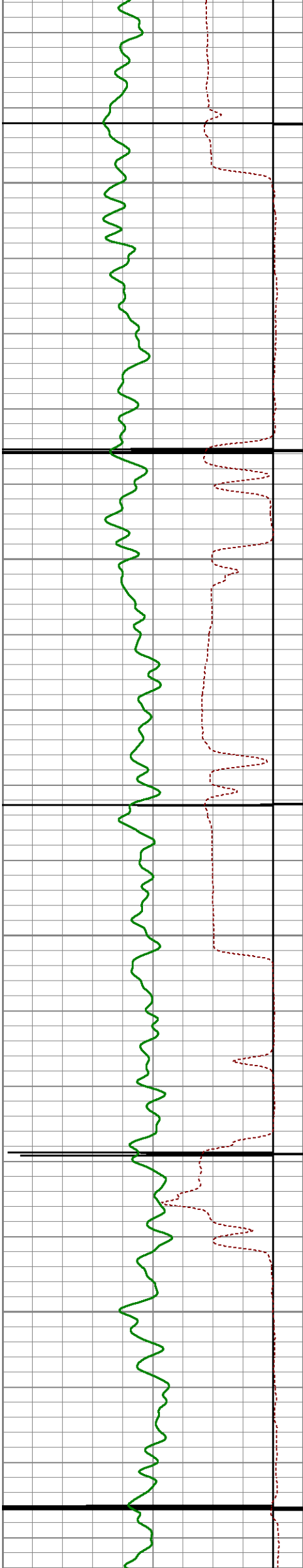
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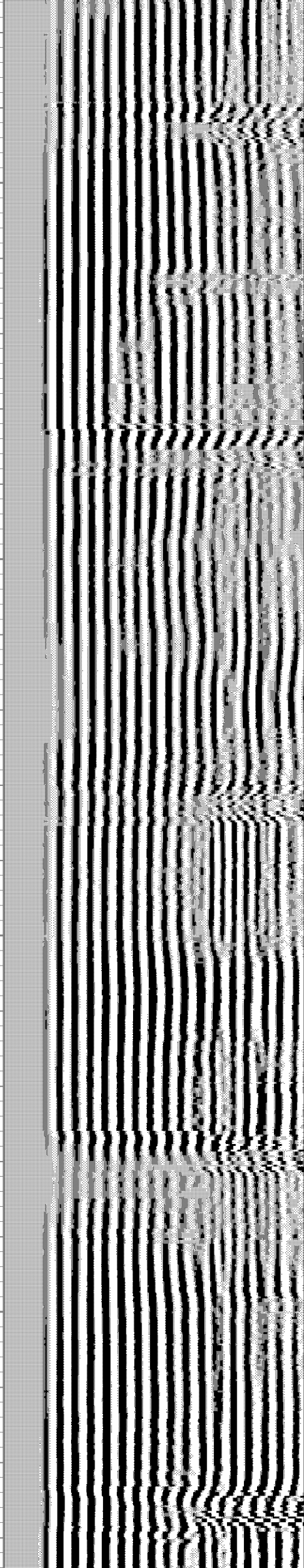
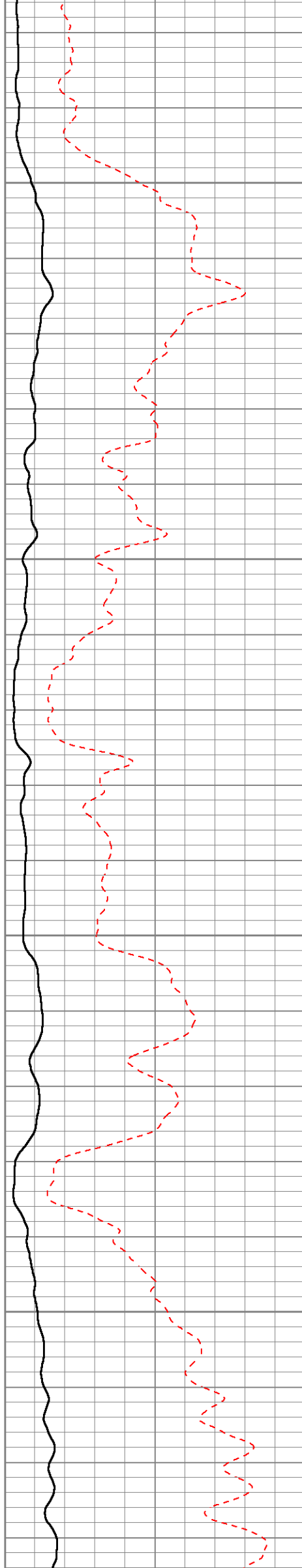


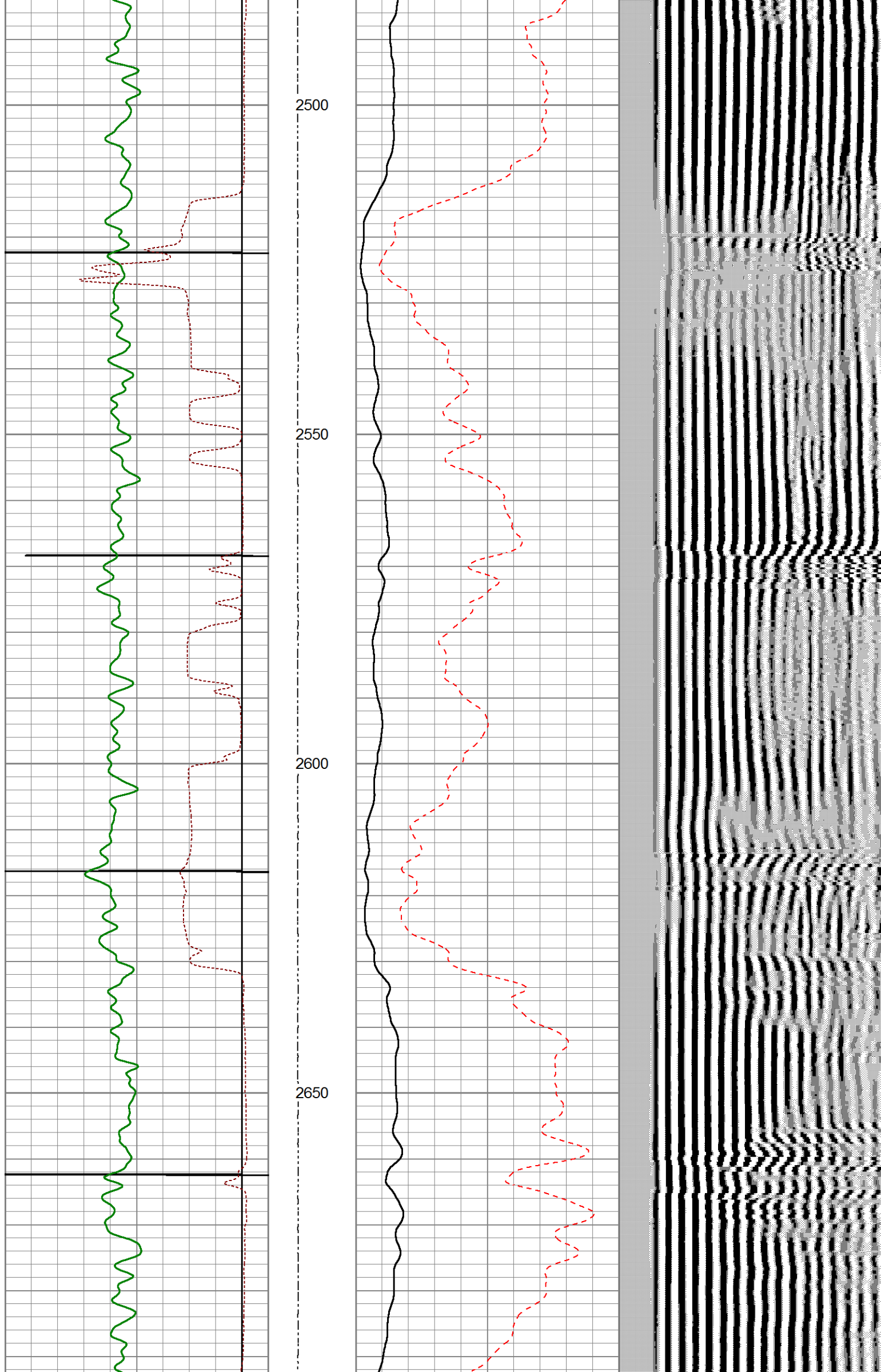
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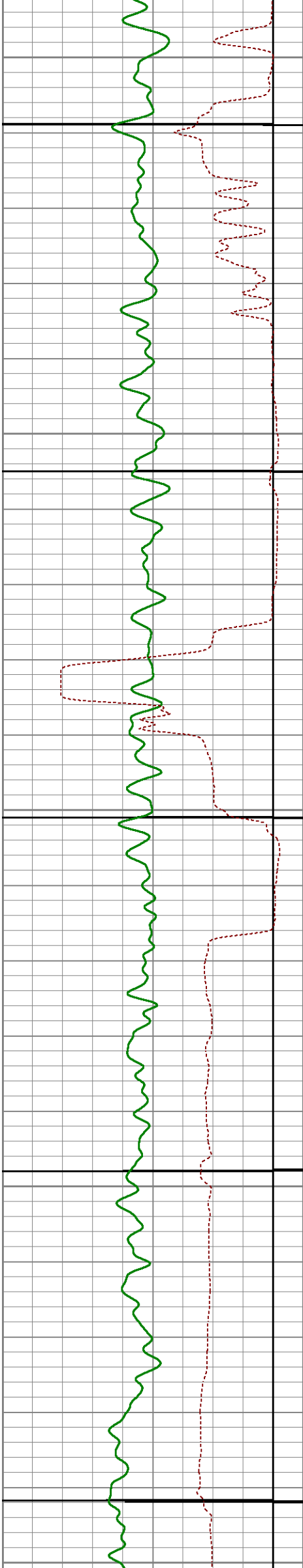
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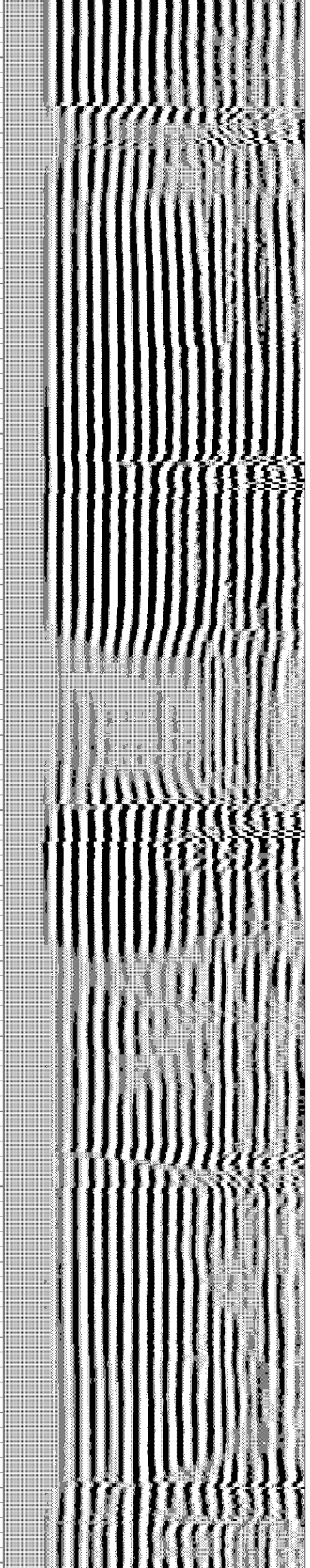
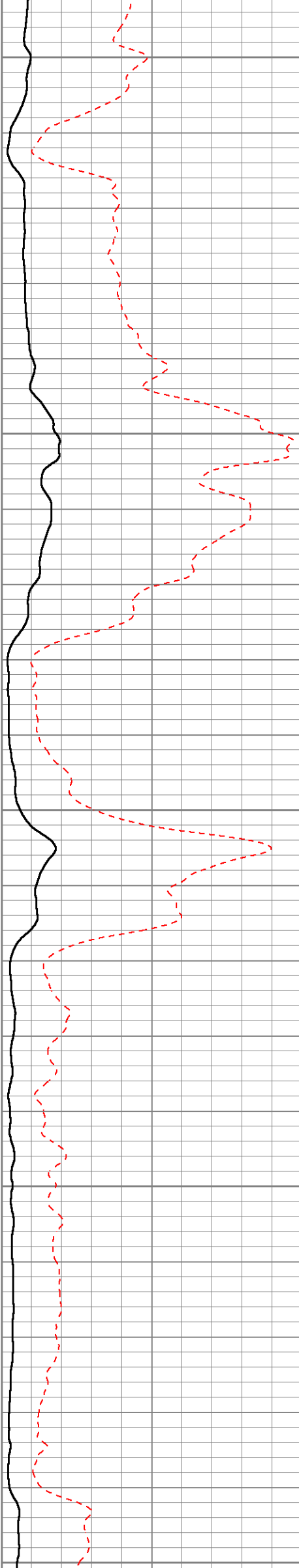
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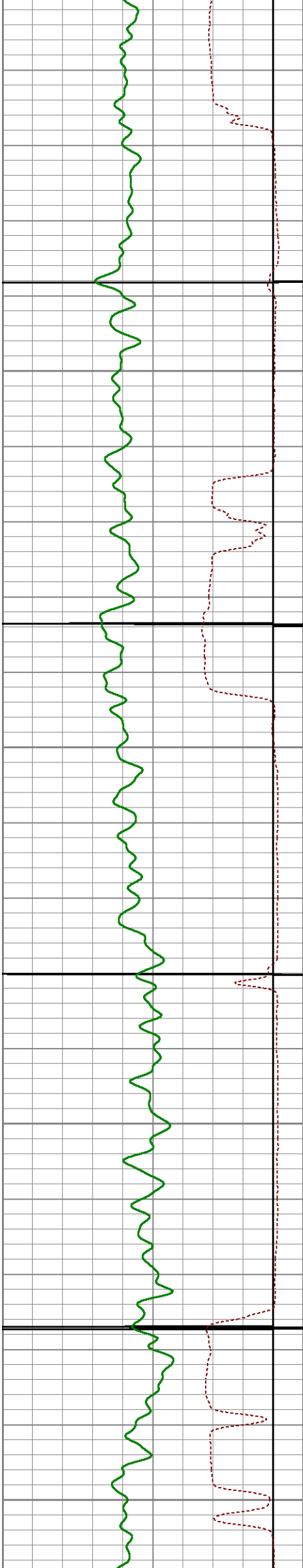
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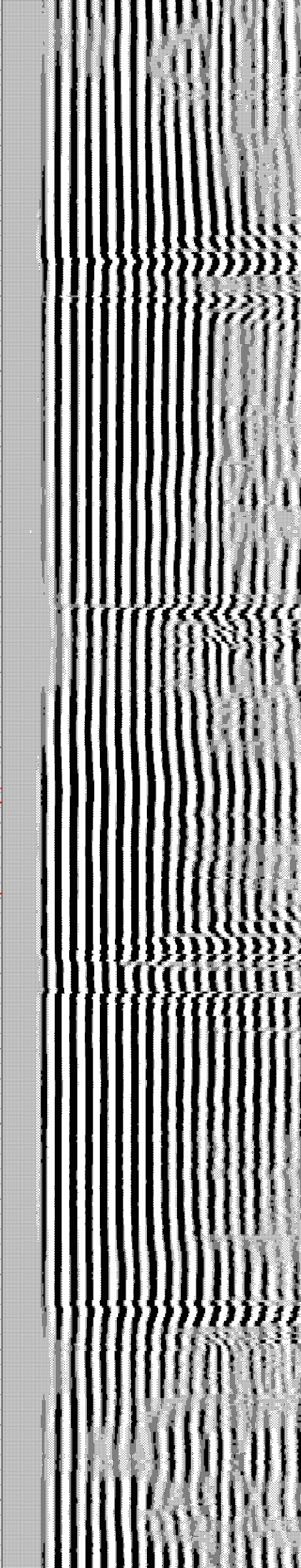
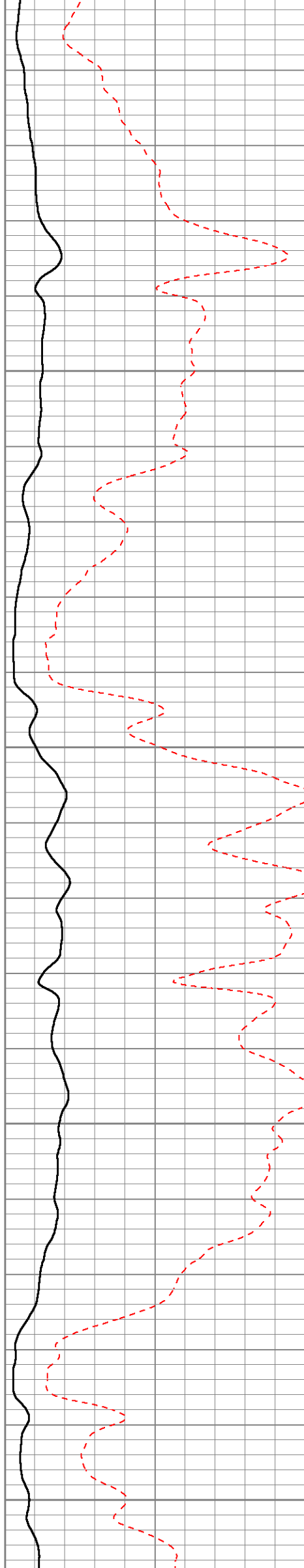


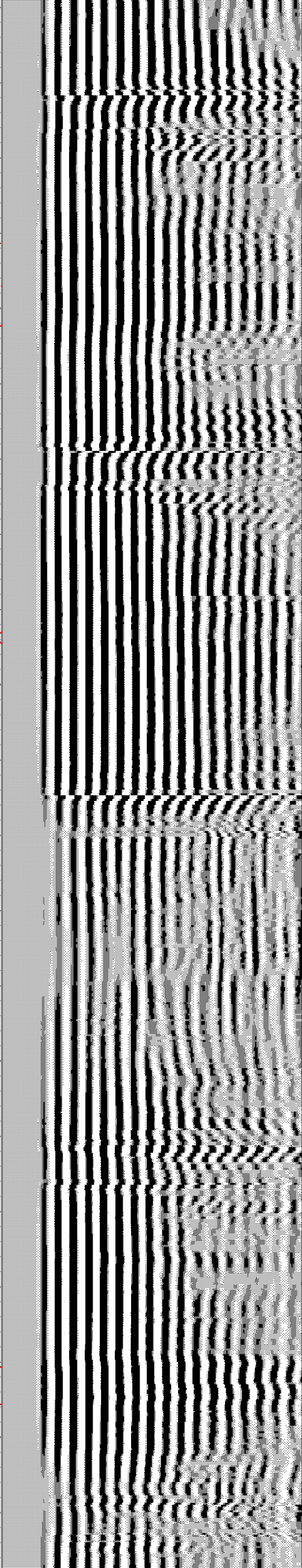
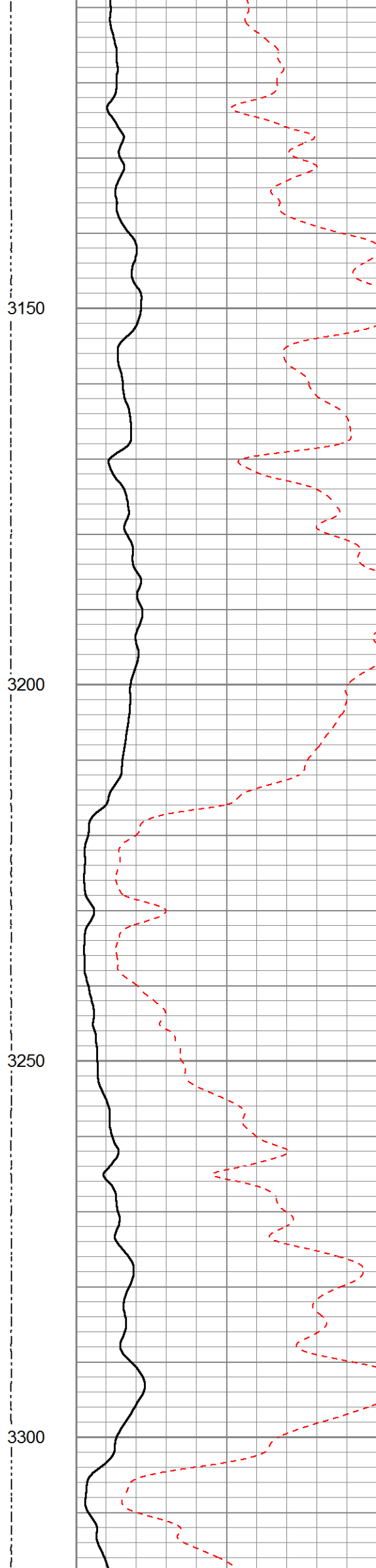
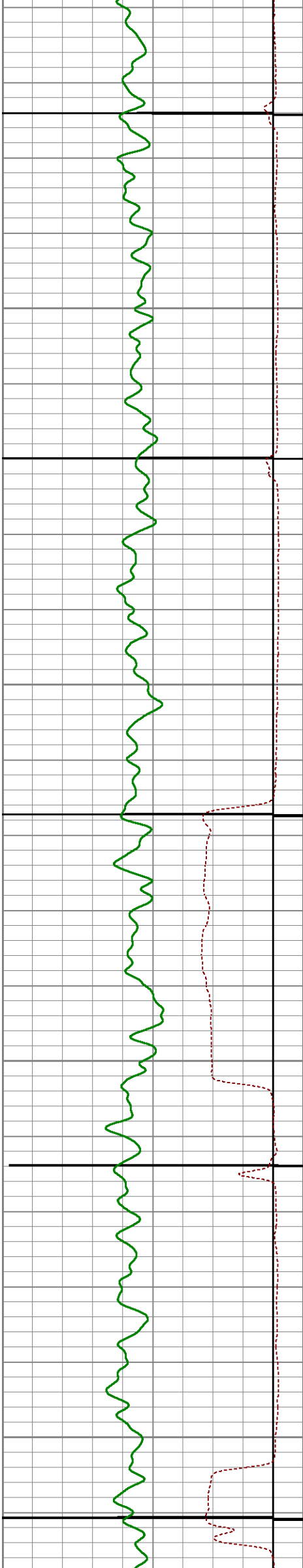
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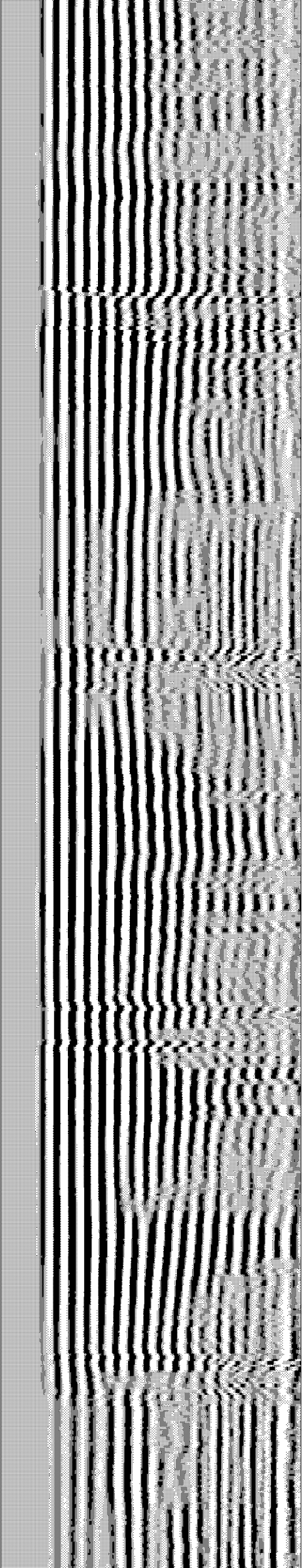
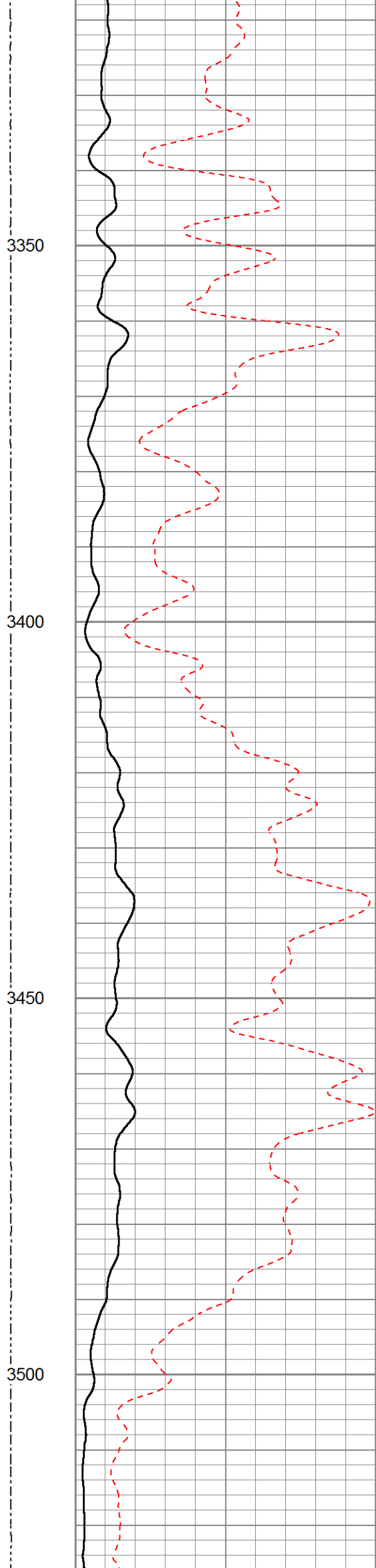
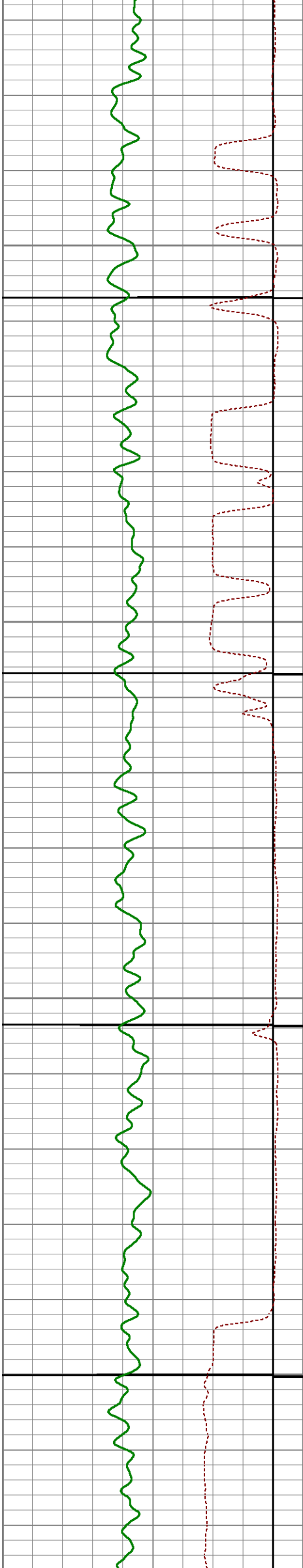
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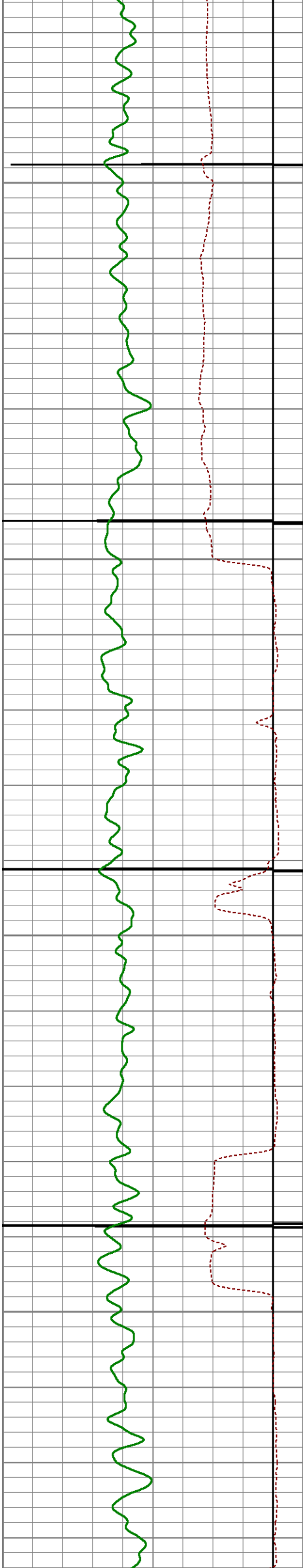
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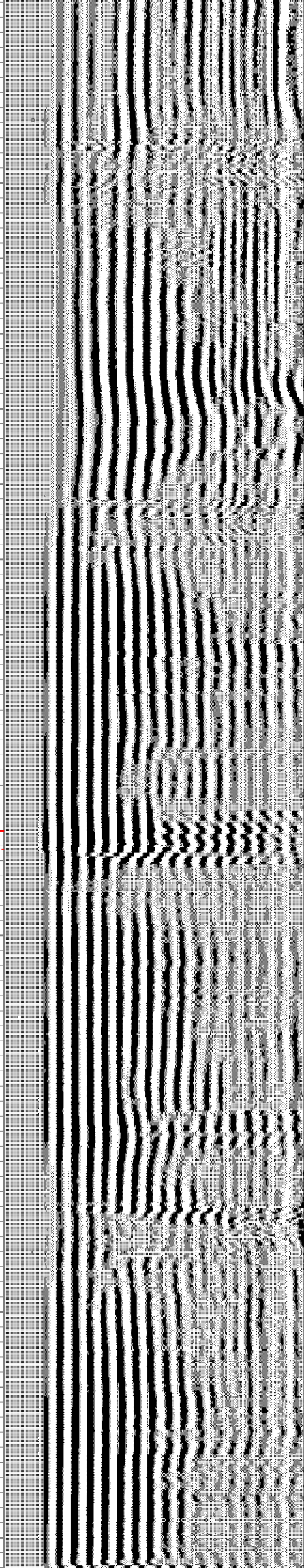
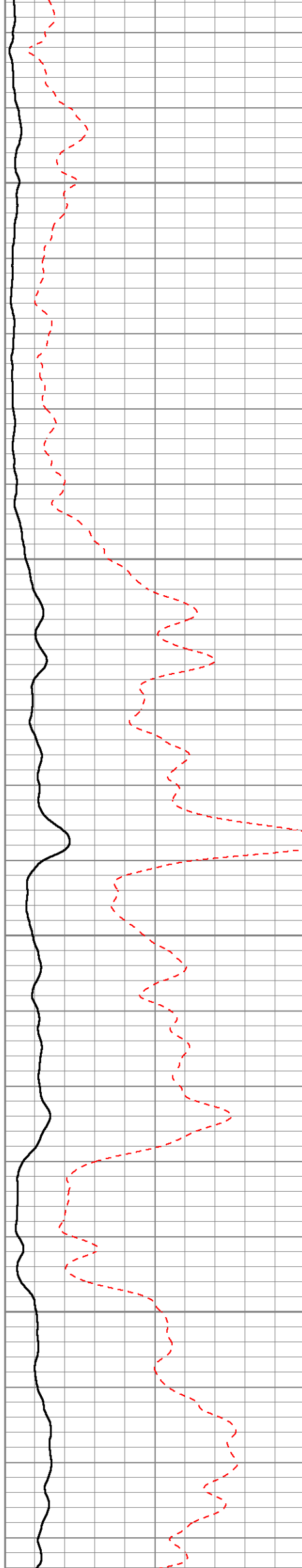


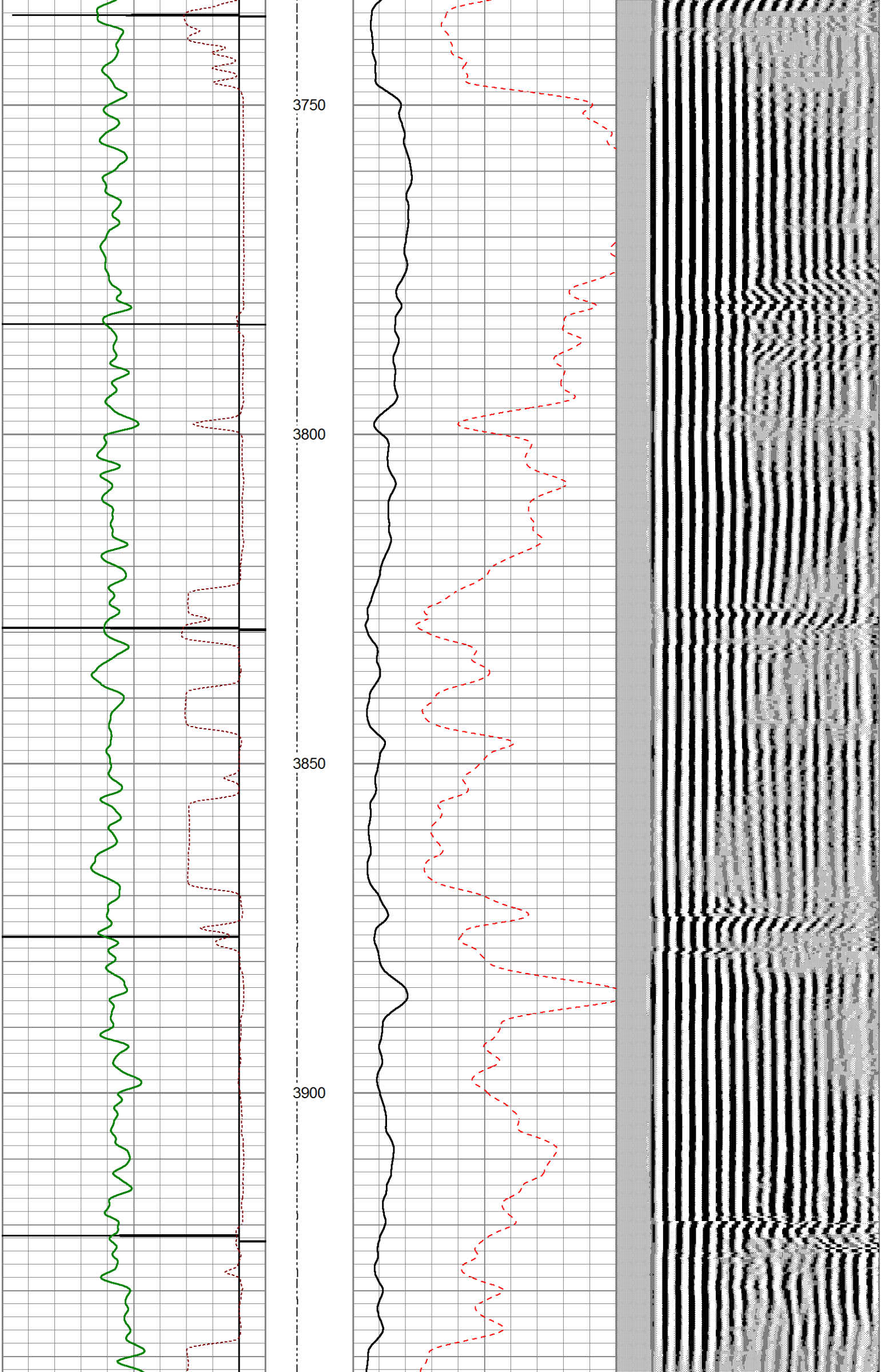
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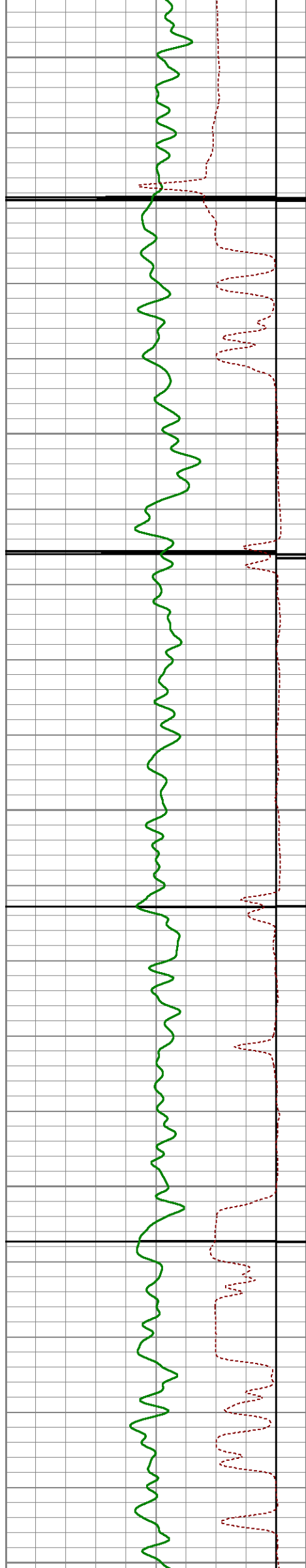
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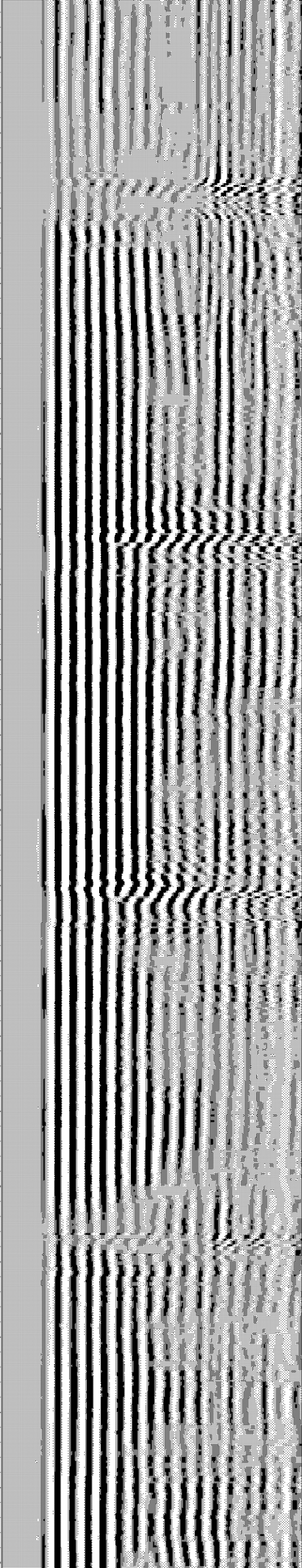
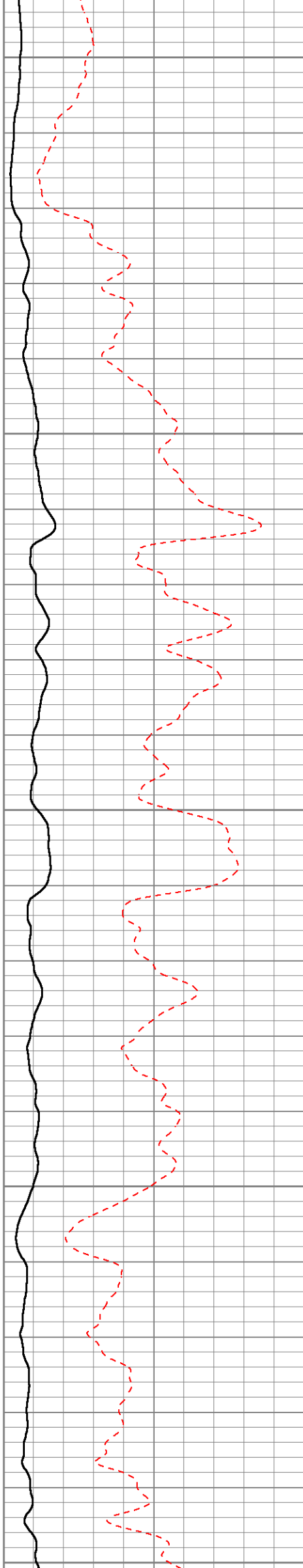
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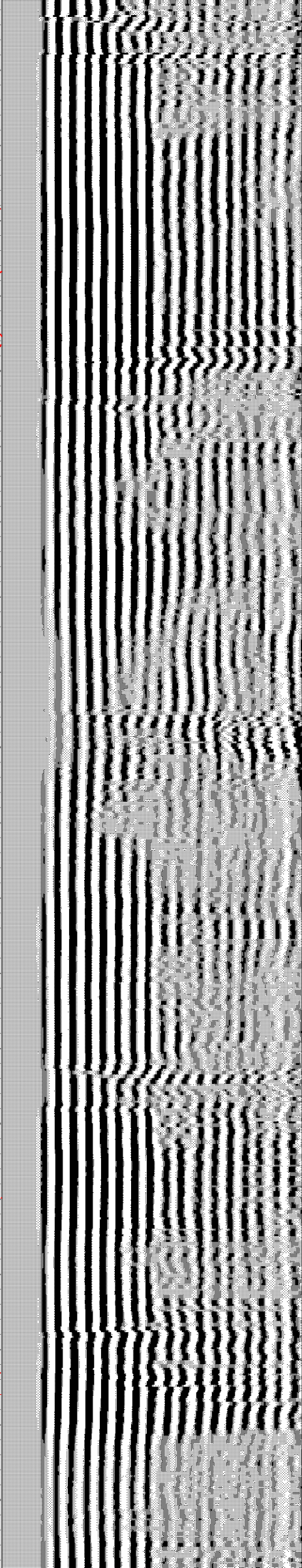
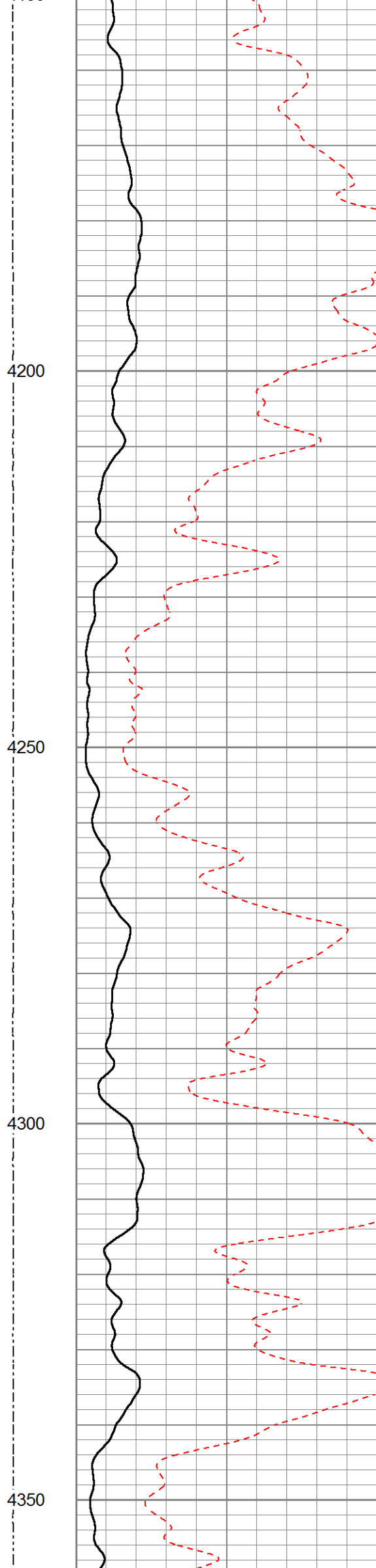
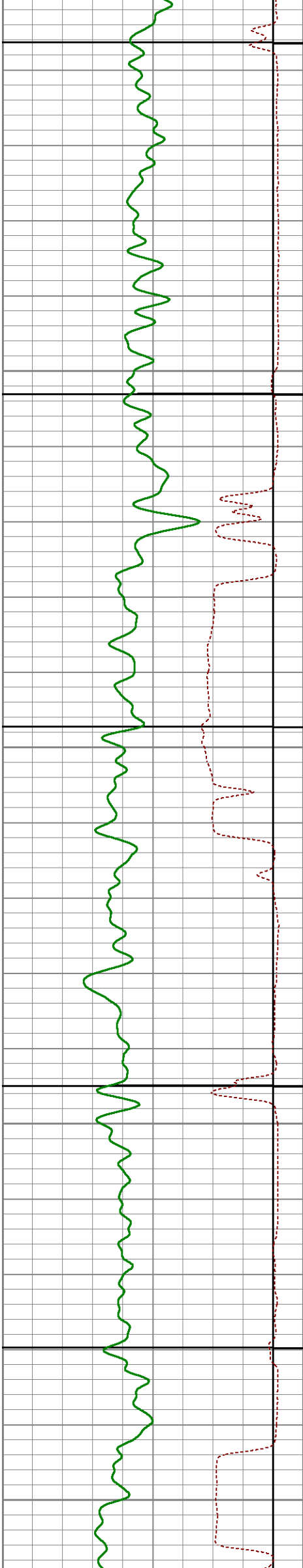
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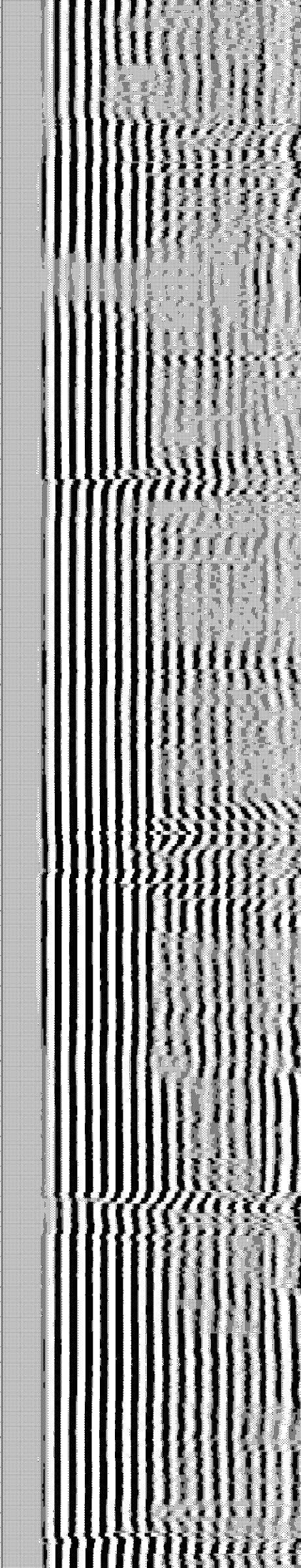
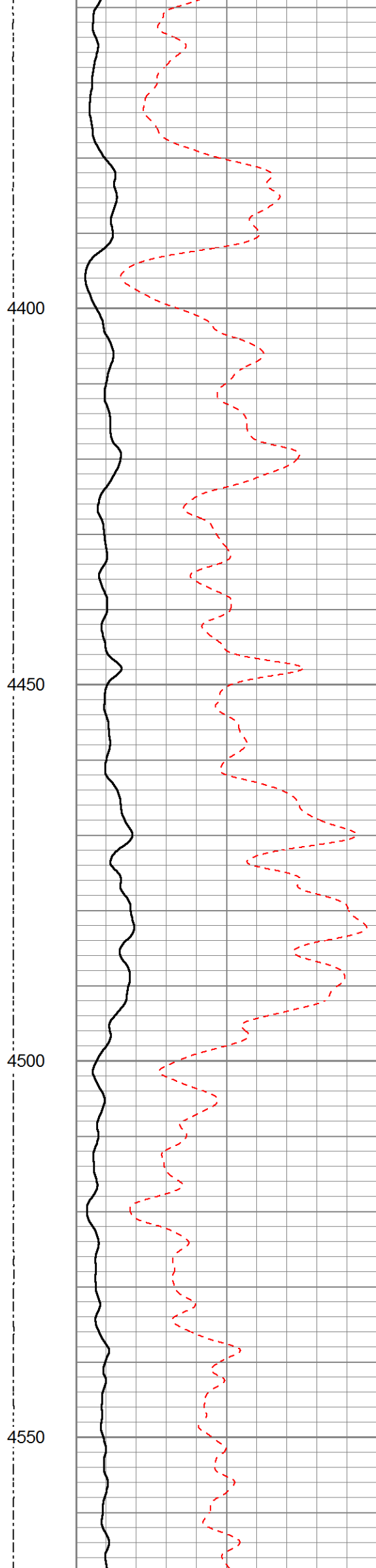
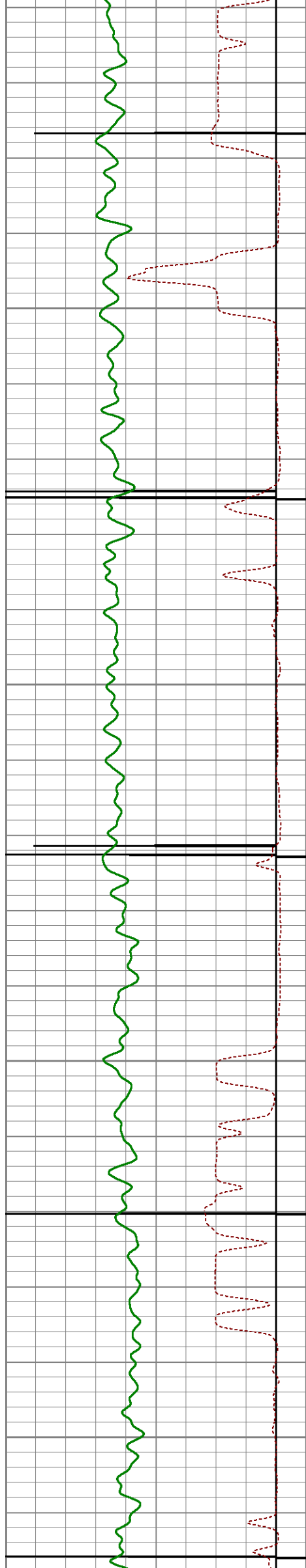
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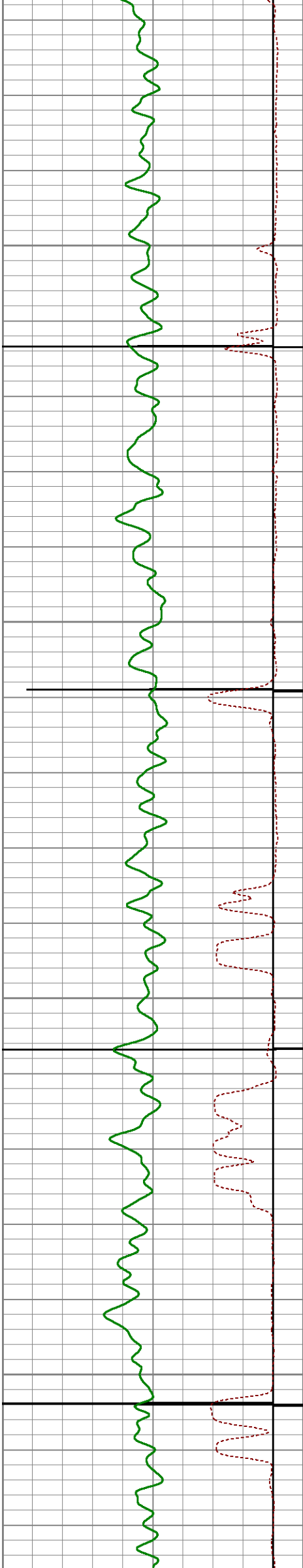
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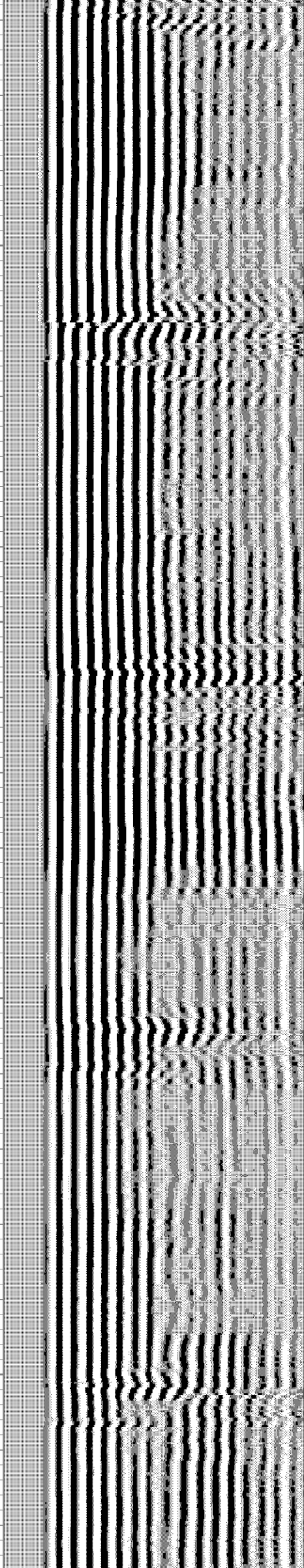
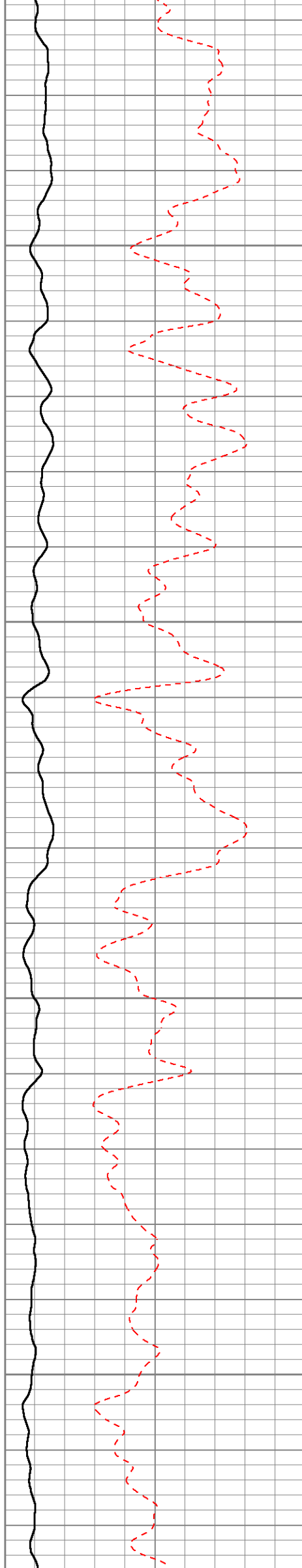


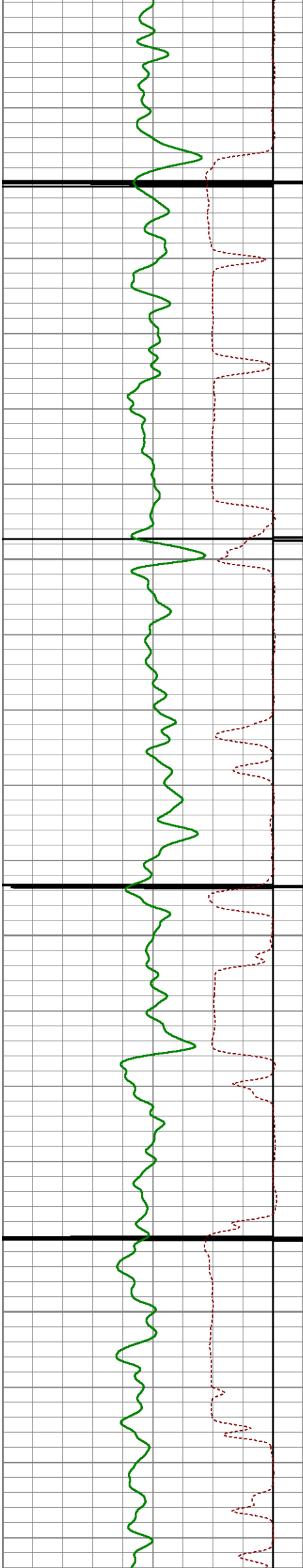
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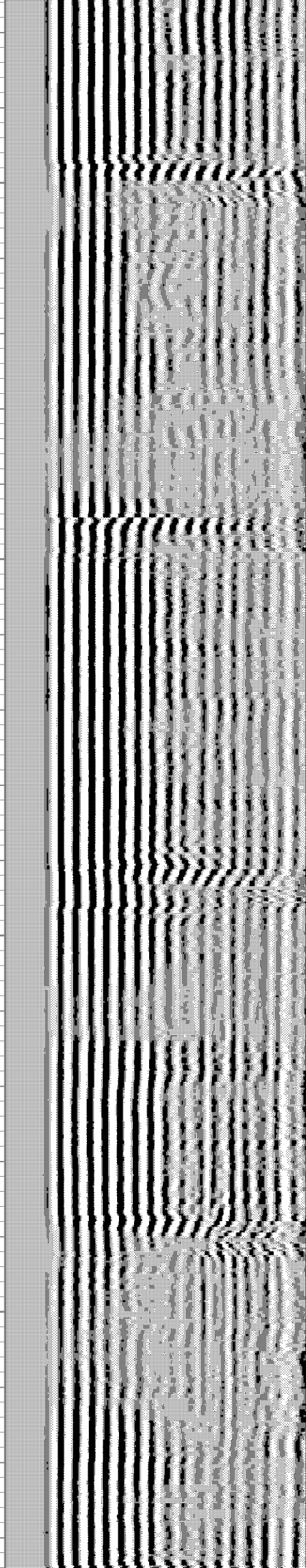
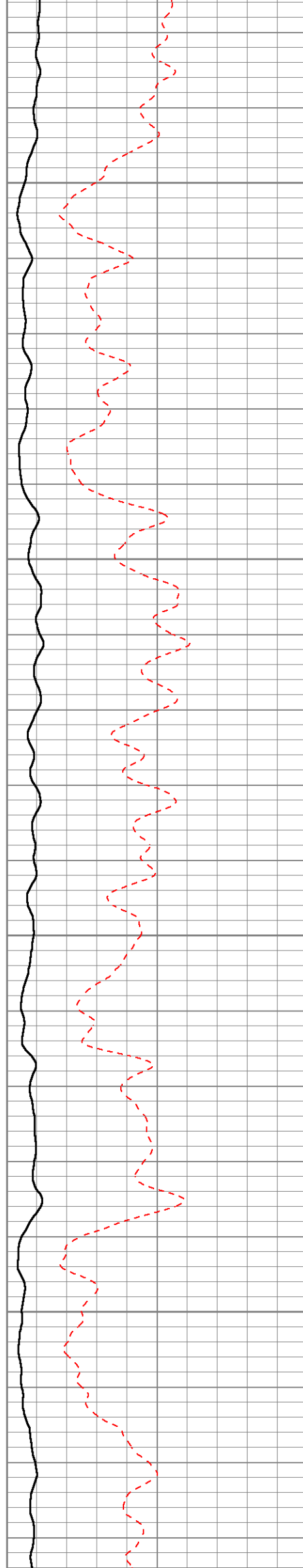


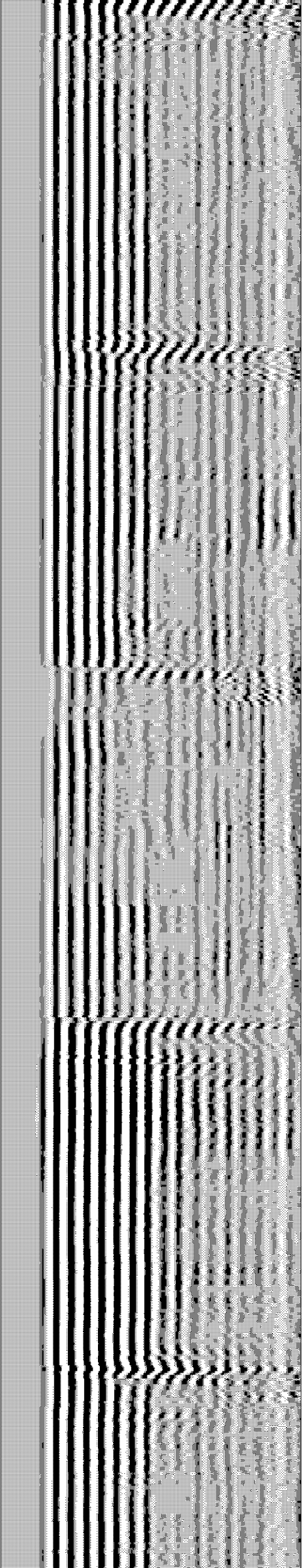
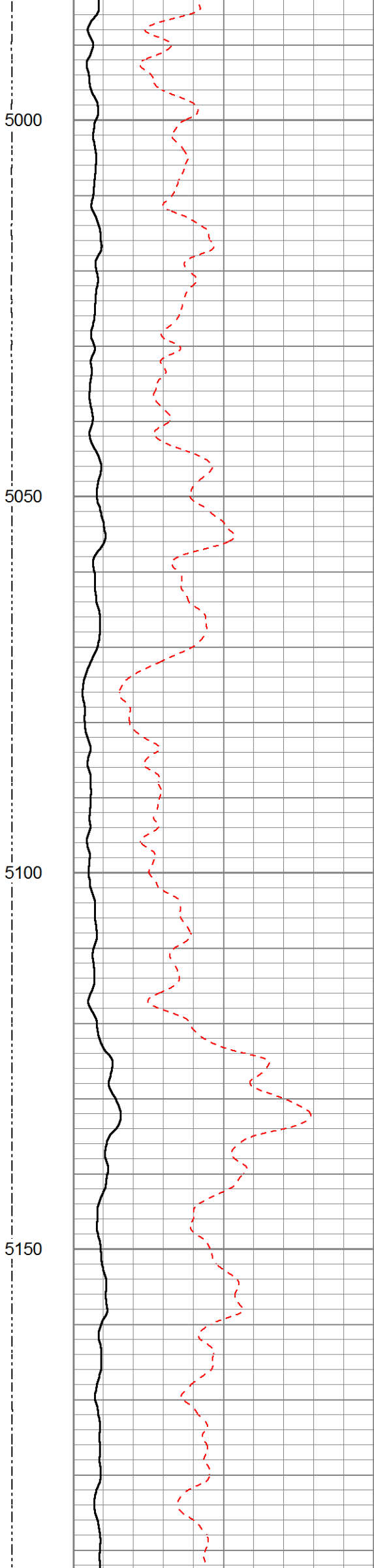
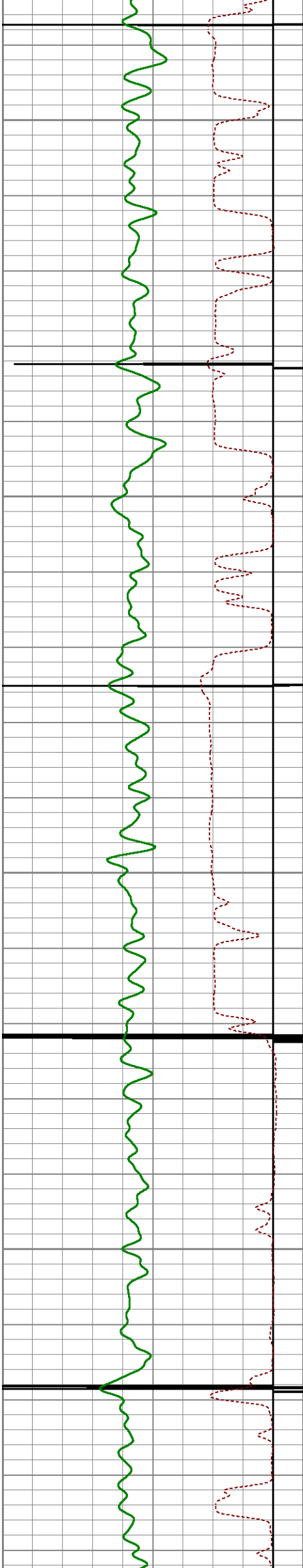
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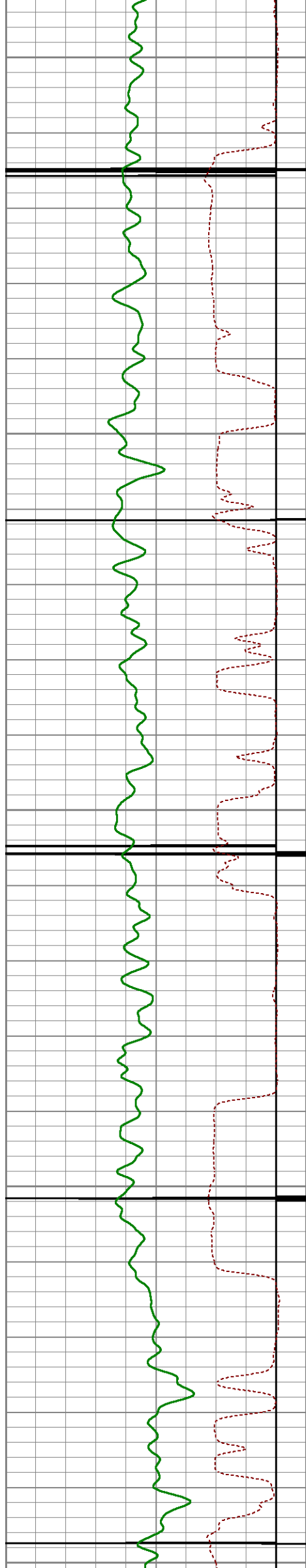
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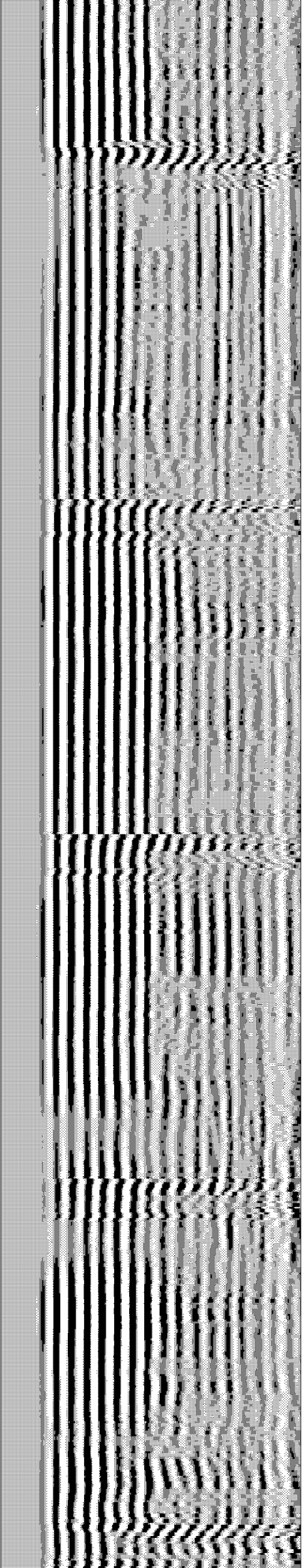
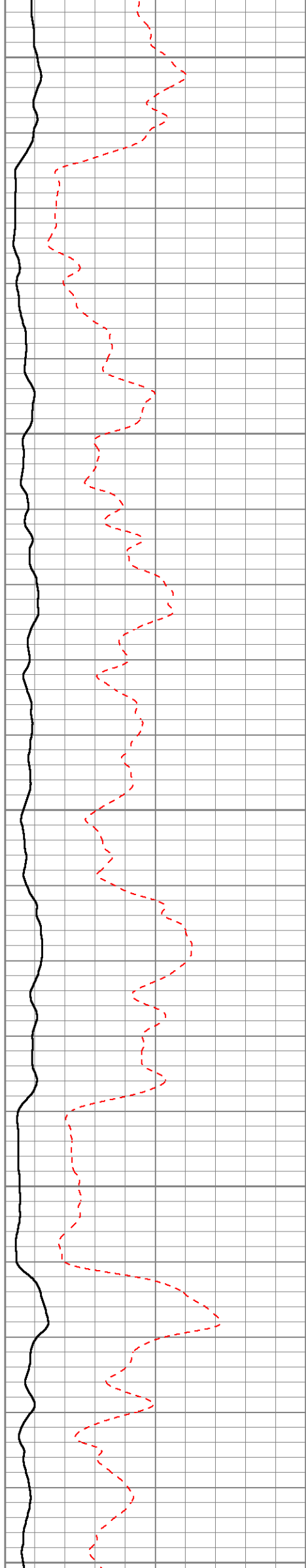
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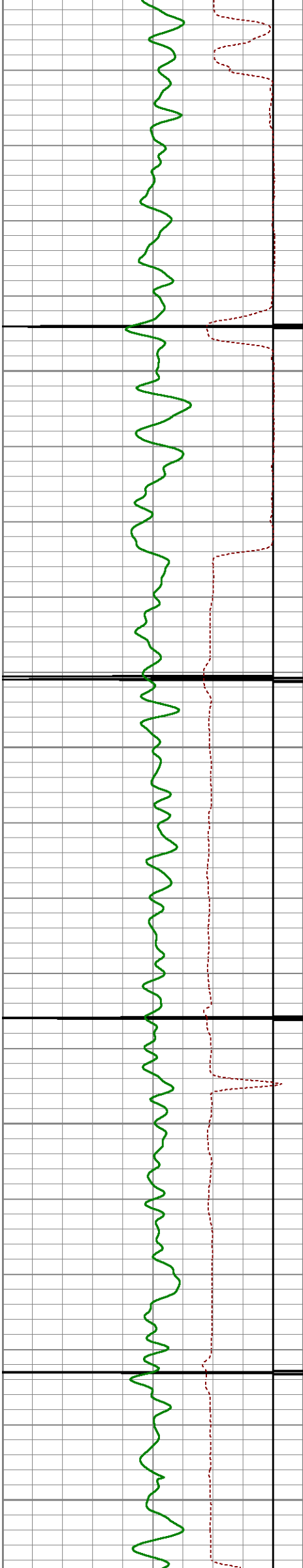
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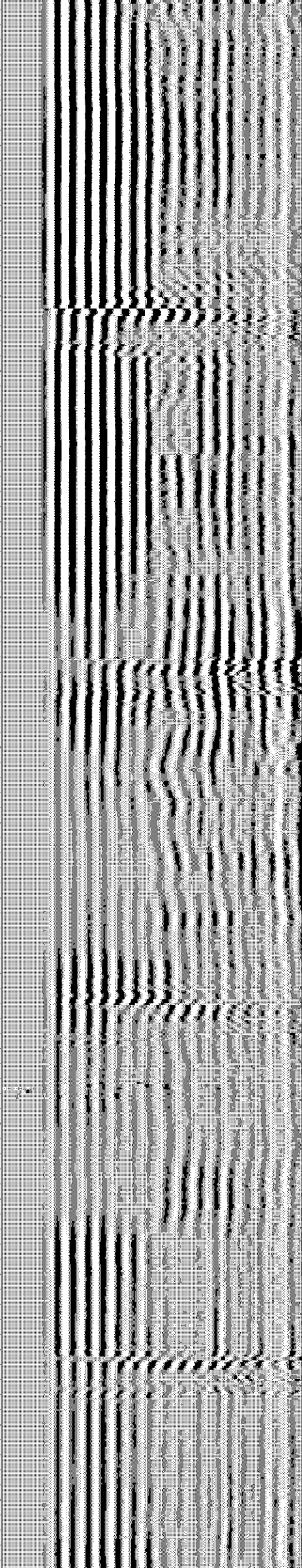
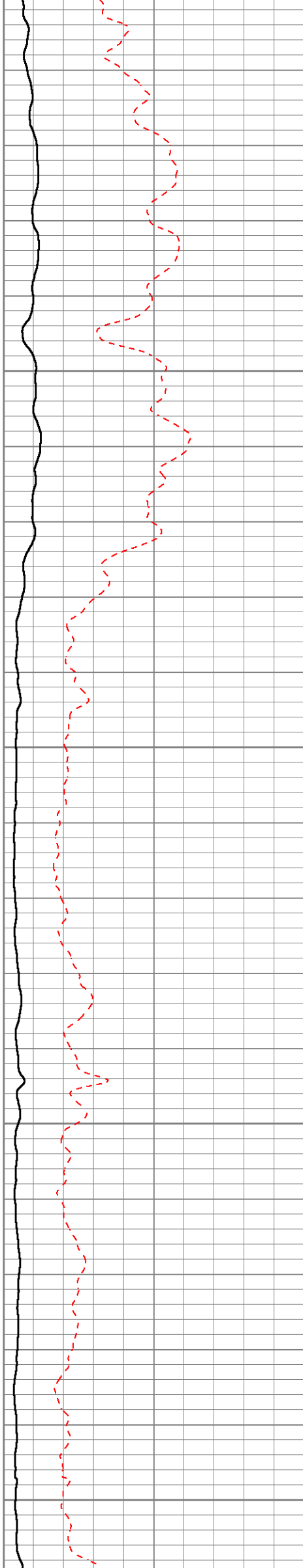


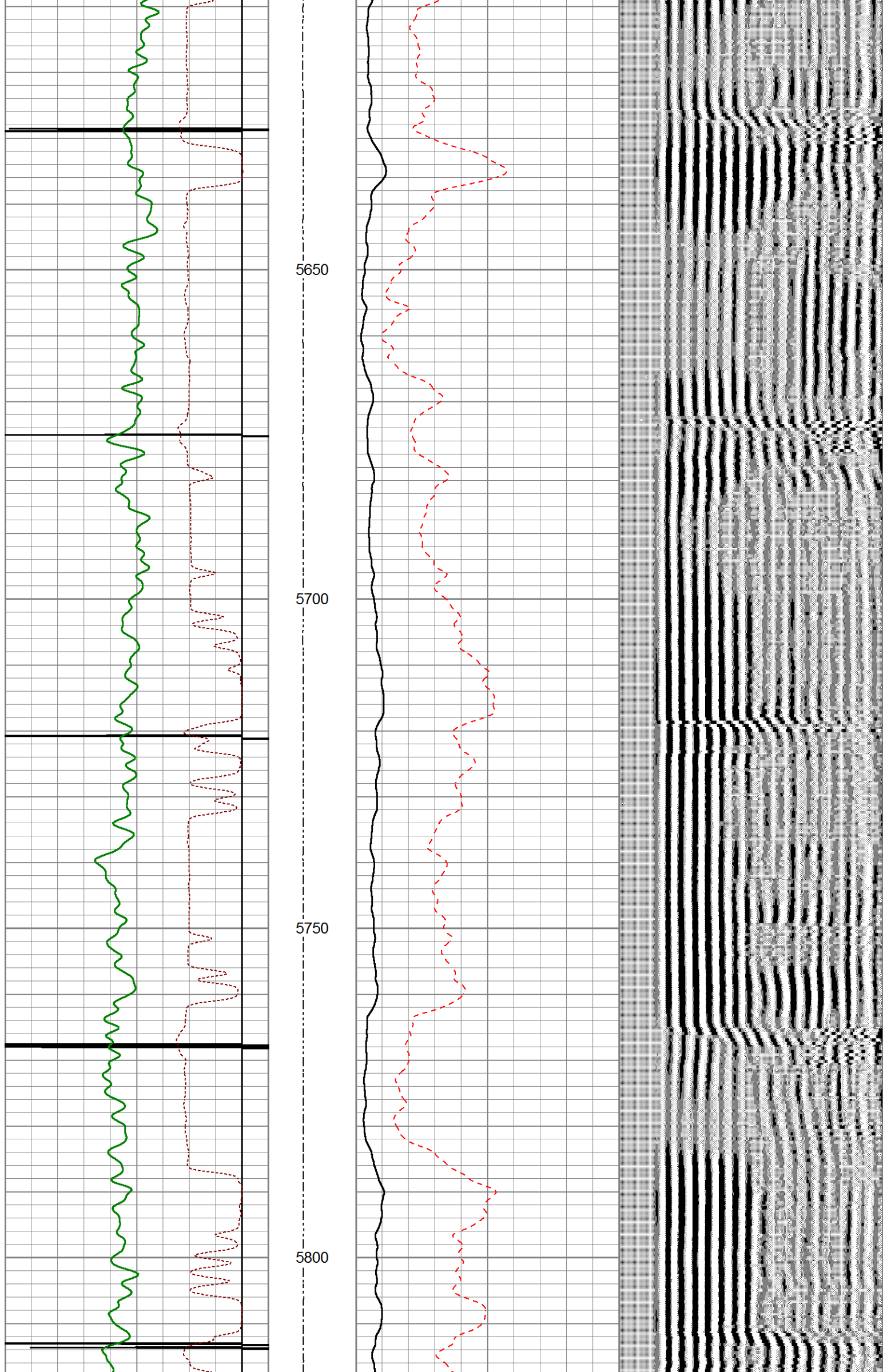
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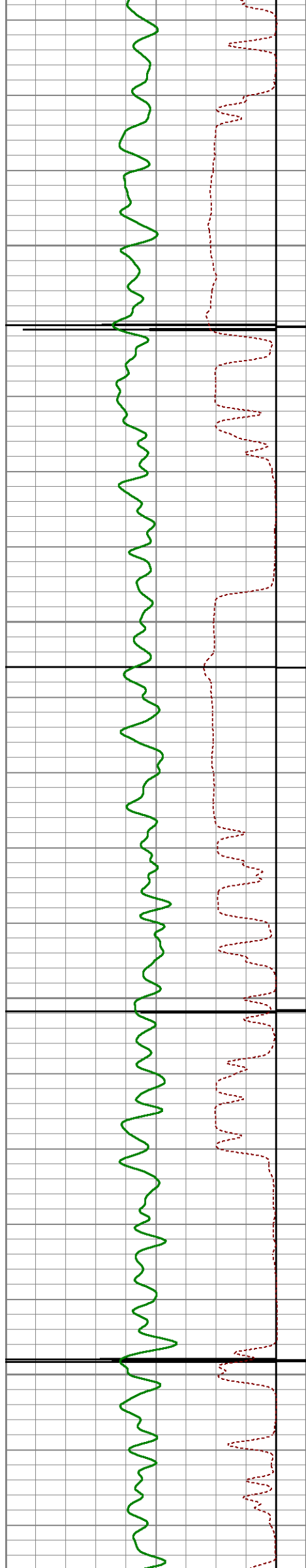
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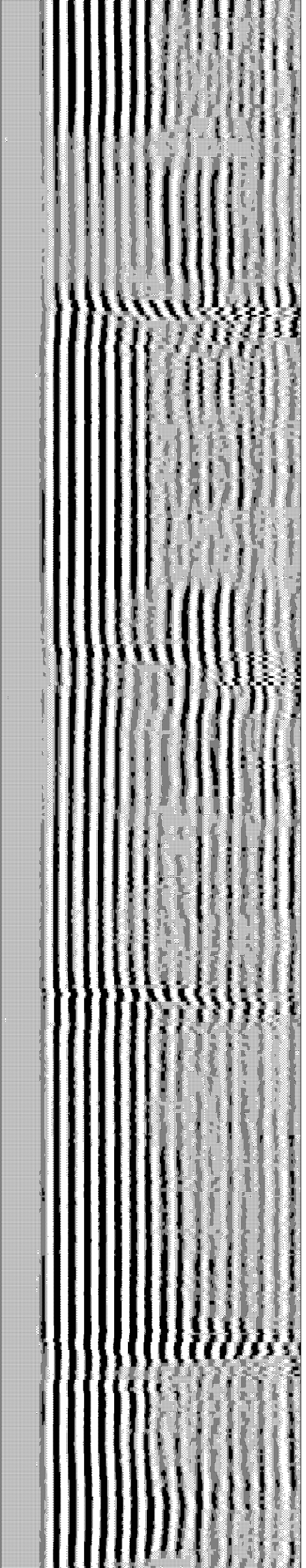


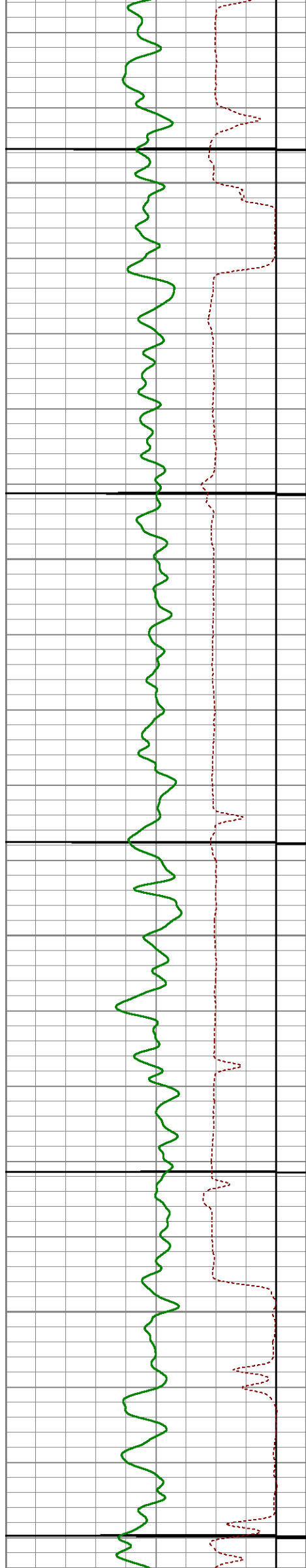
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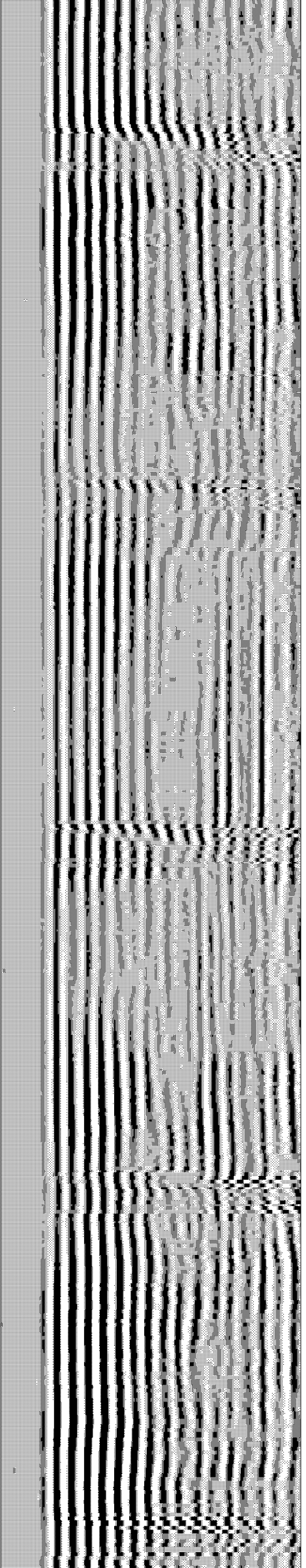
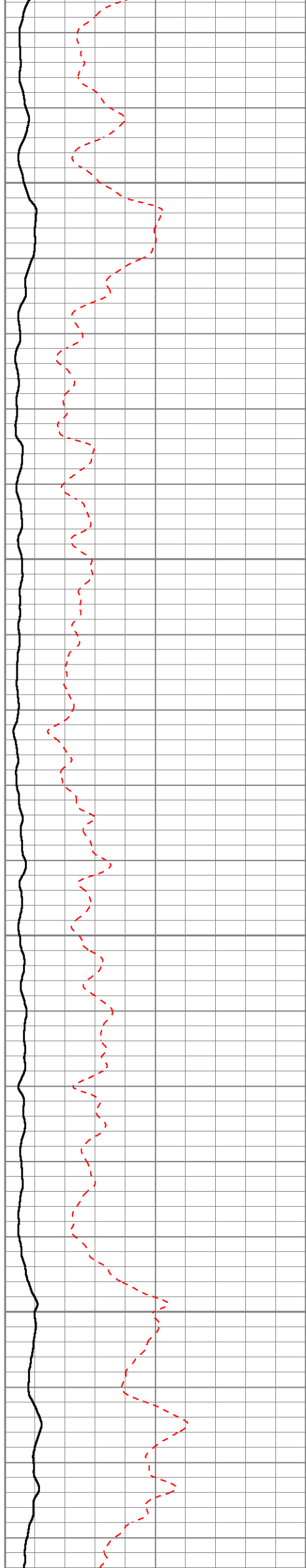


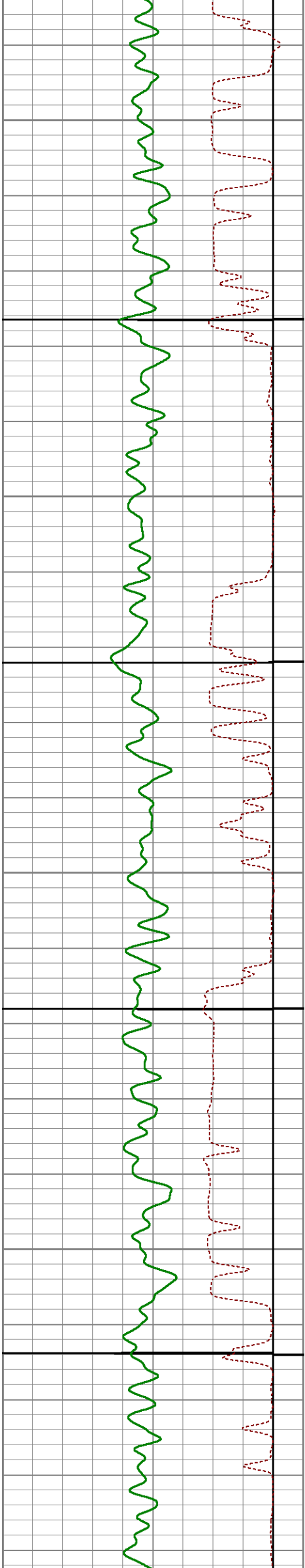
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6200



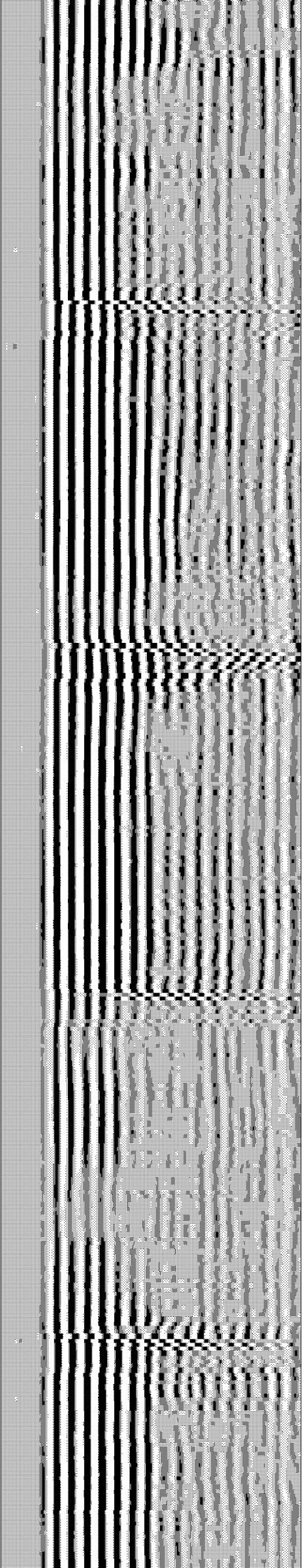
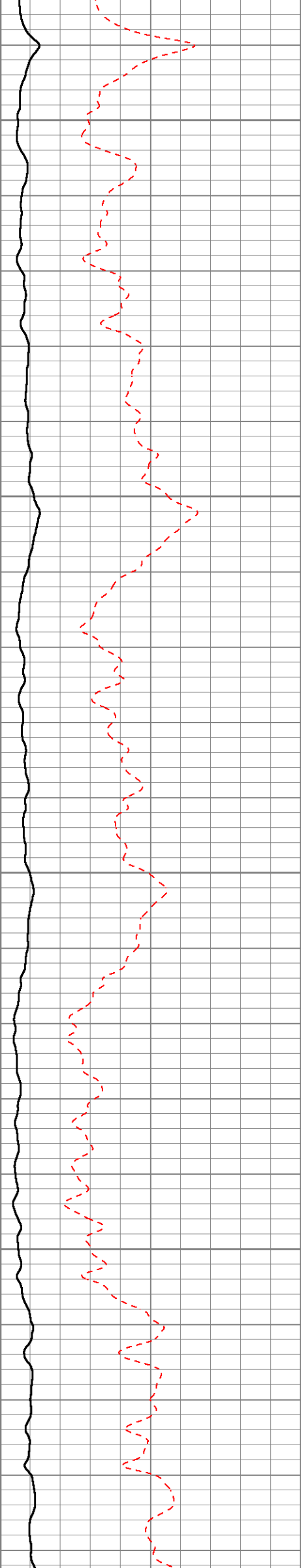


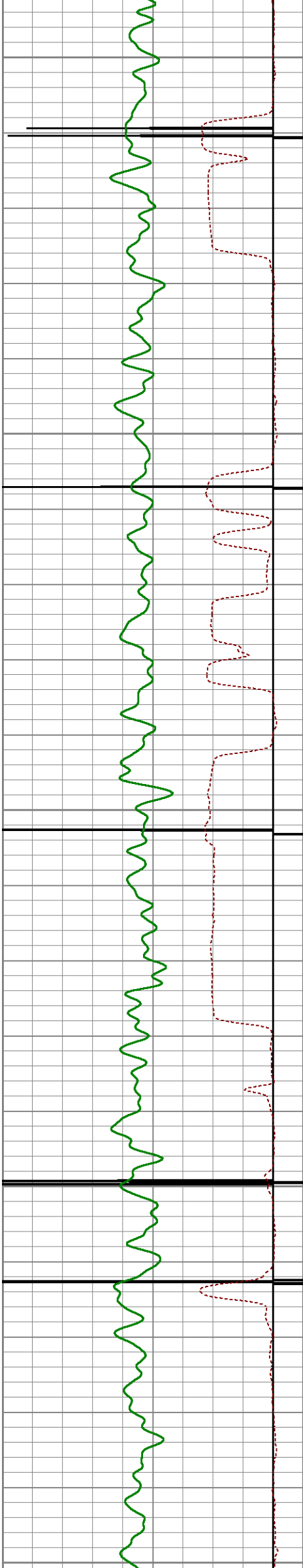
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6400





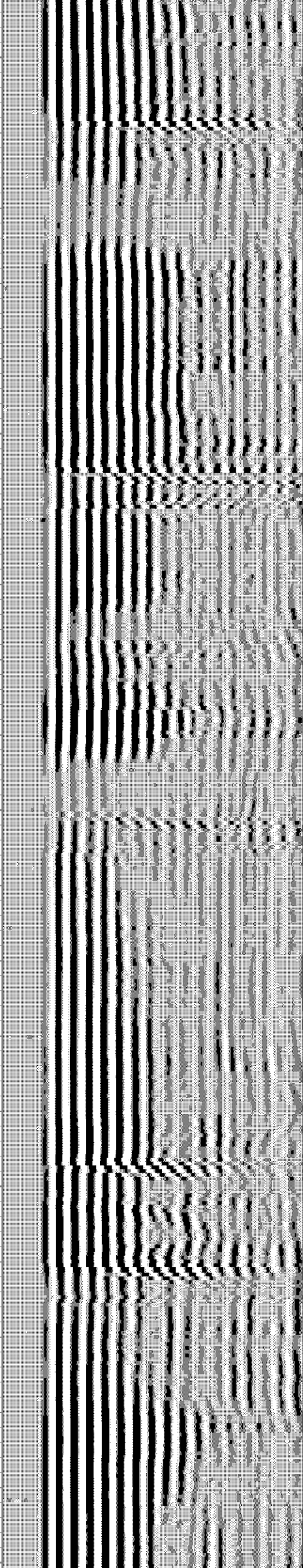
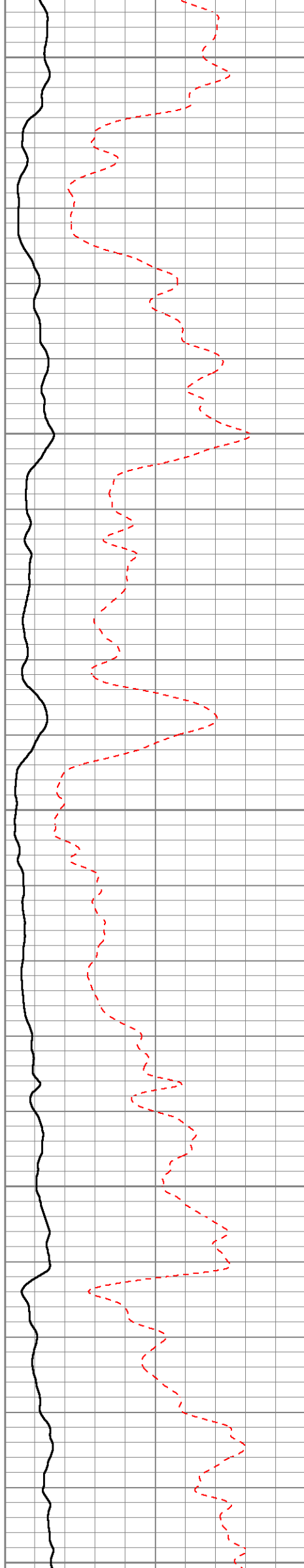
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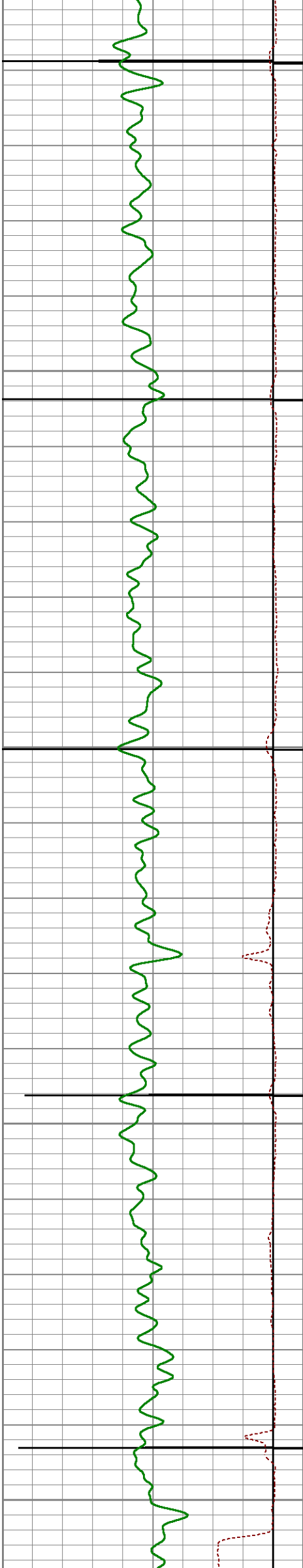
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6600

6650



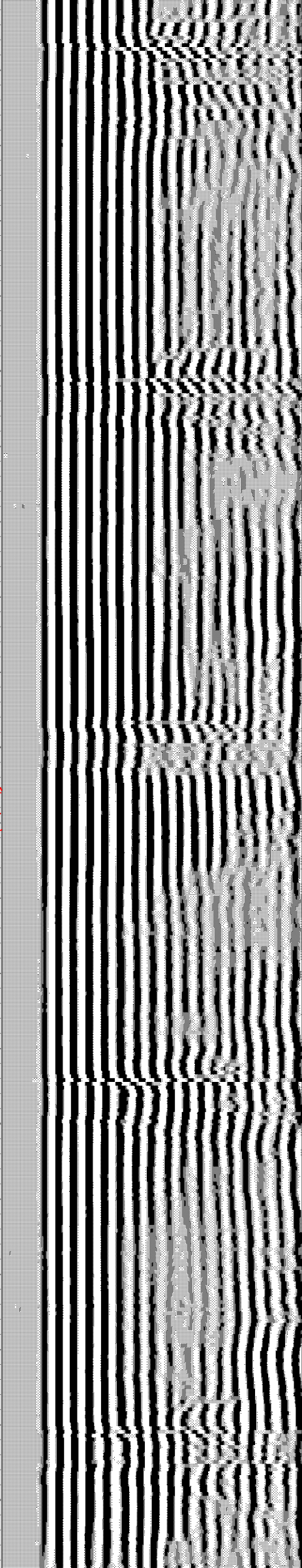
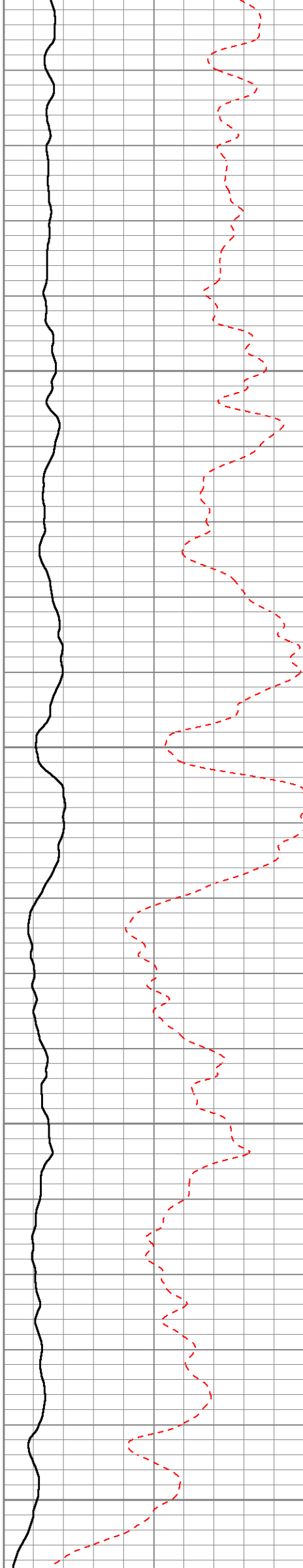


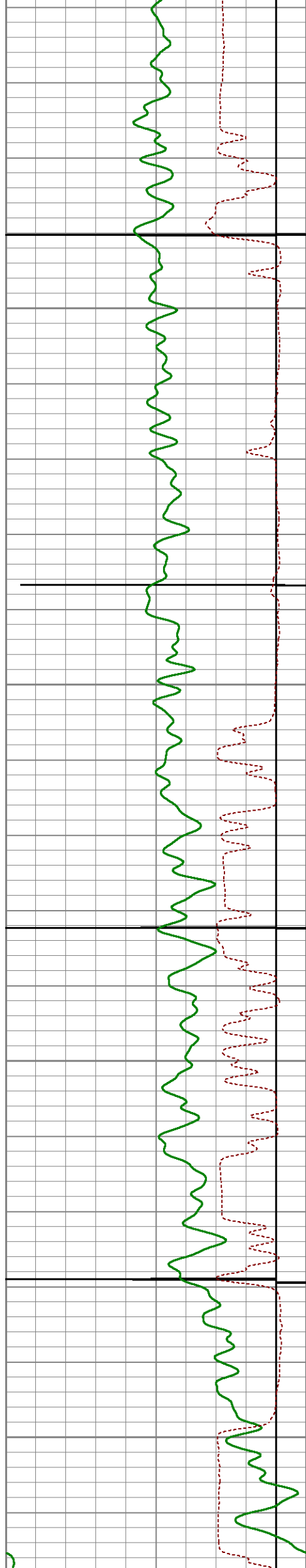
6700

6750

6800

6850



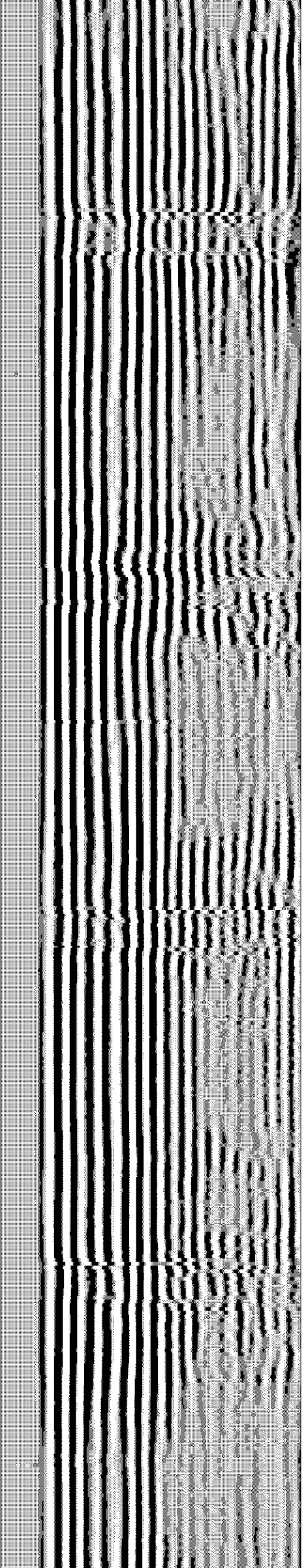
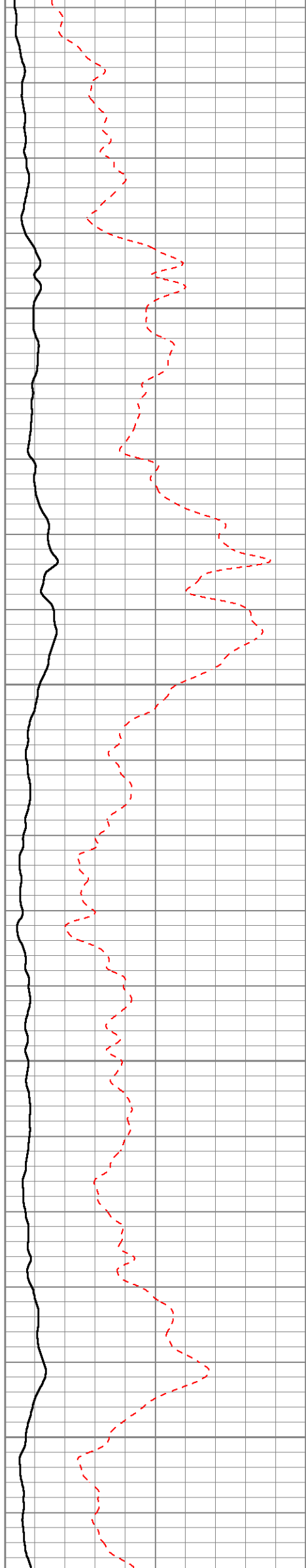


6900

6950

7000

7050



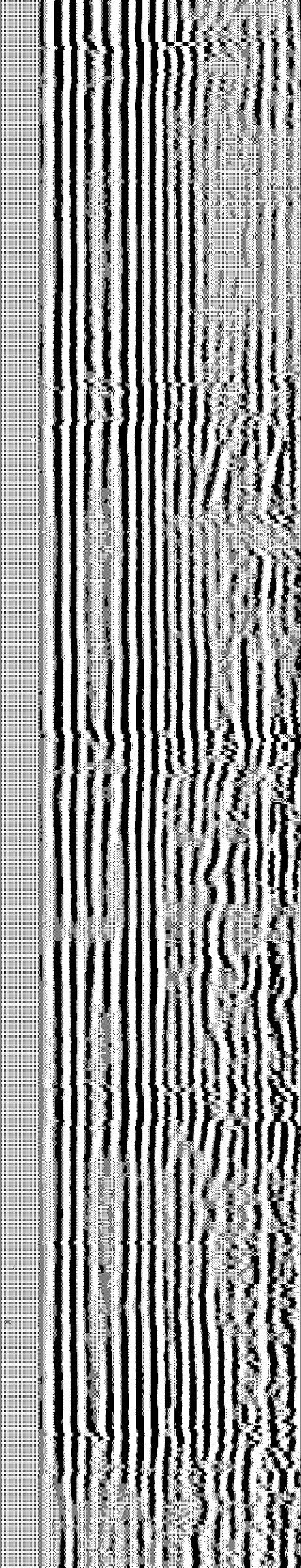
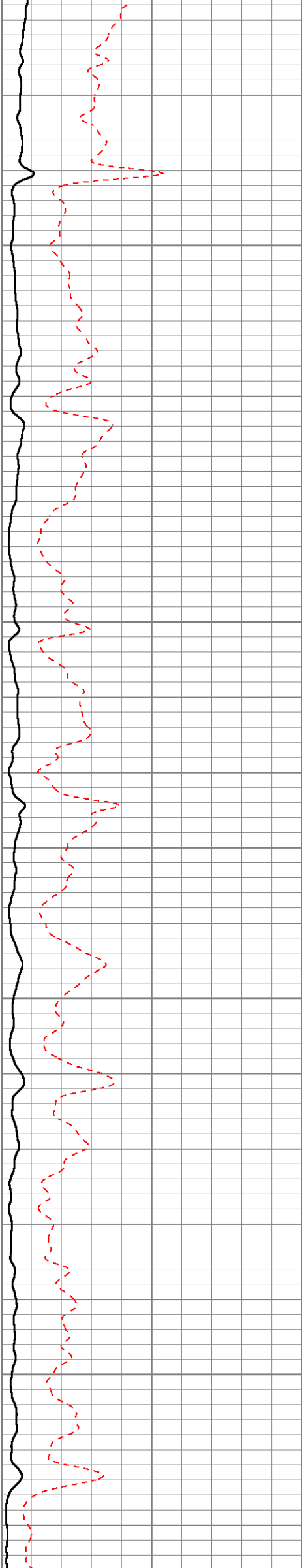


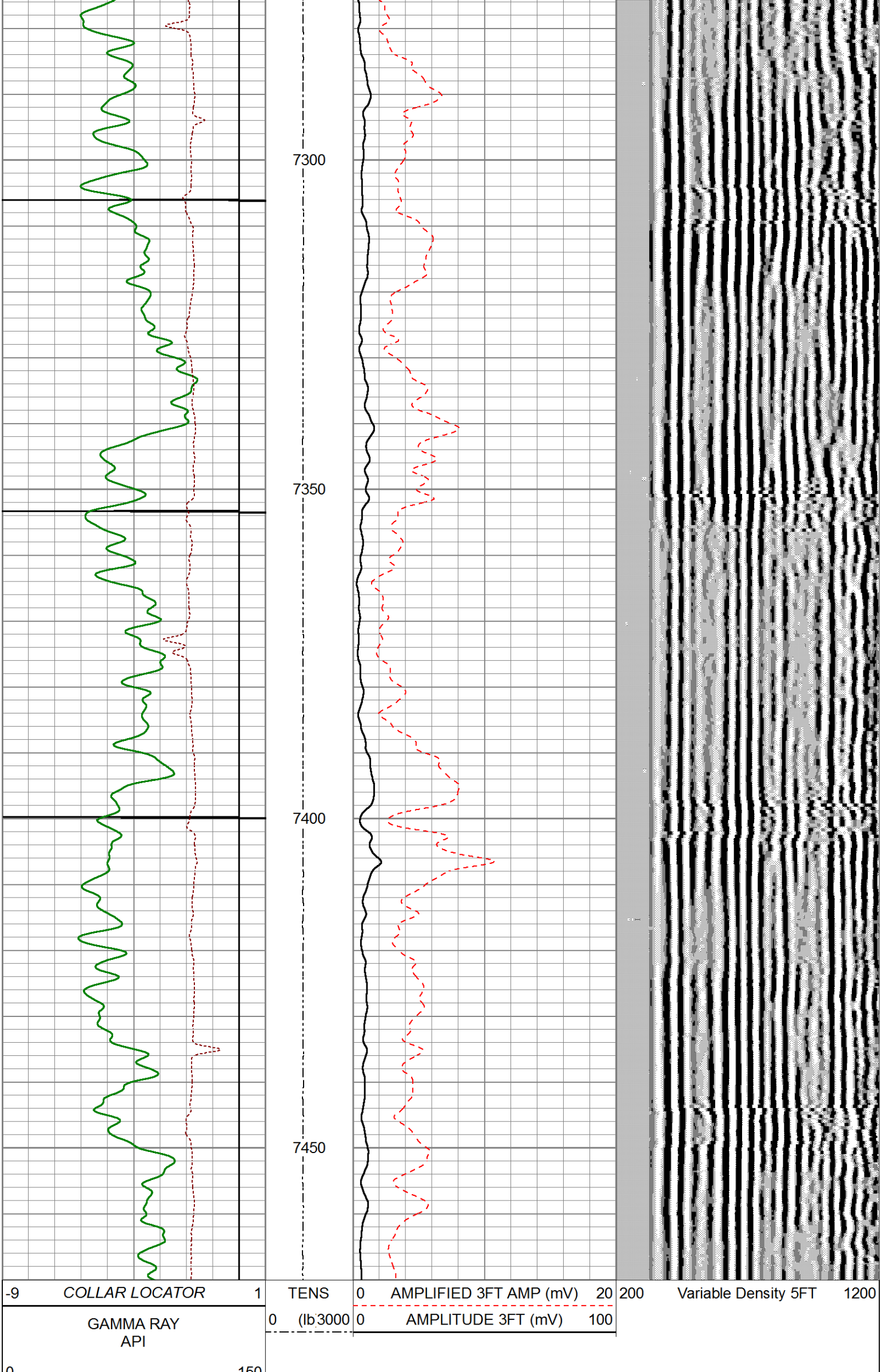
7100

7150


7200

7250






150
400 TRAVEL TIME 3FT (usec) 200



MAIN PASS

CEMENT BOND LOG



REPEAT PASS

CEMENT BOND LOG

Database File	extraction_oil&gas_silverback1_134522323_cbl.db									
Dataset Pathname	pass1									
Presentation Format	gc3ft5ft									
Dataset Creation	Wed Nov 11 21:14:18 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		0	(lb 3000	0	AMPLITUDE 3FT (mV)	100			
	API									
0		150								
400	TRAVEL TIME 3FT (usec)	200								

