

Company	EXTRACTION O&G	Company	EXTRACTION O&G
Well	WAAG 22	Well	WAAG 22
Field	WATTENBERG	Field	WATTENBERG
County	WELD	County	WELD
State	COLORADO	State	COLORADO
Location:		API # : 05-123-40348-00	Other Services
SHL: 305' FSL & 2363' FWL			
Permanent Datum	GL	Elevation	4868
Log Measured From	KB		
Drilling Measured From	KB		
		Elevation	K.B: 4893 D.F: 4893 G.L: 4868
Date	14 OCT 15		
Run Number	1		
Depth Driller	12124		
Depth Logger	7500		
Bottom Logged Interval	7500		
Top Log Interval	0		
Open Hole Size	7.75		
Type Fluid	H2O		
Density / Viscosity	8.4		
Max. Recorded Temp.	200		
Estimated Cement Top	SEE LOG		
Time Well Ready	2200		
Time Logger on Bottom	SEE LOG		
Equipment Number	14166		
Location	LONGMONT		
Recorded By	N. SOUTHAM		
Witnessed By	SHAWN MCINTYRE		
Borehole Record		Tubing Record	
Run Number	Bit	From	To
		Size	Weight
			From
			To
Casing Record	Size	Wgt/Ft	Top
Surface String	9.625	36	0
Prot. String			
Production String	5.5	17	0
Liner			12124

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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 #132075919

THANK YOU FOR CHOOSING WEATHRFORD WIRELING FOR THIS JOB YOUR CREW TONIGHT 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		
Shut In	1	GRBA		
	1	CENB		
	1	SBTA		
	1	CFNA		

**Weatherford**<sup>®</sup>

MAIN PASS

3' 5' GR CCL VDL  
CEMENT BOND LOG

Database File      waag22.db

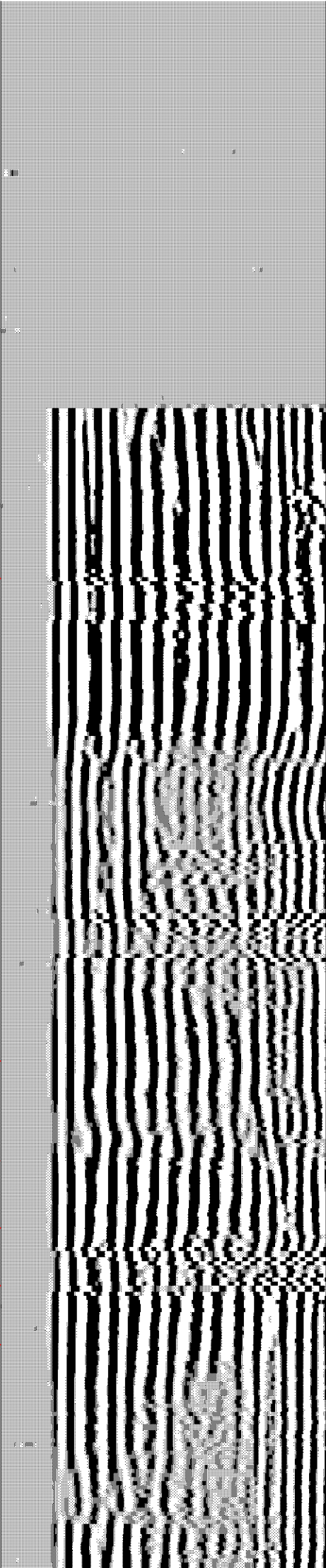
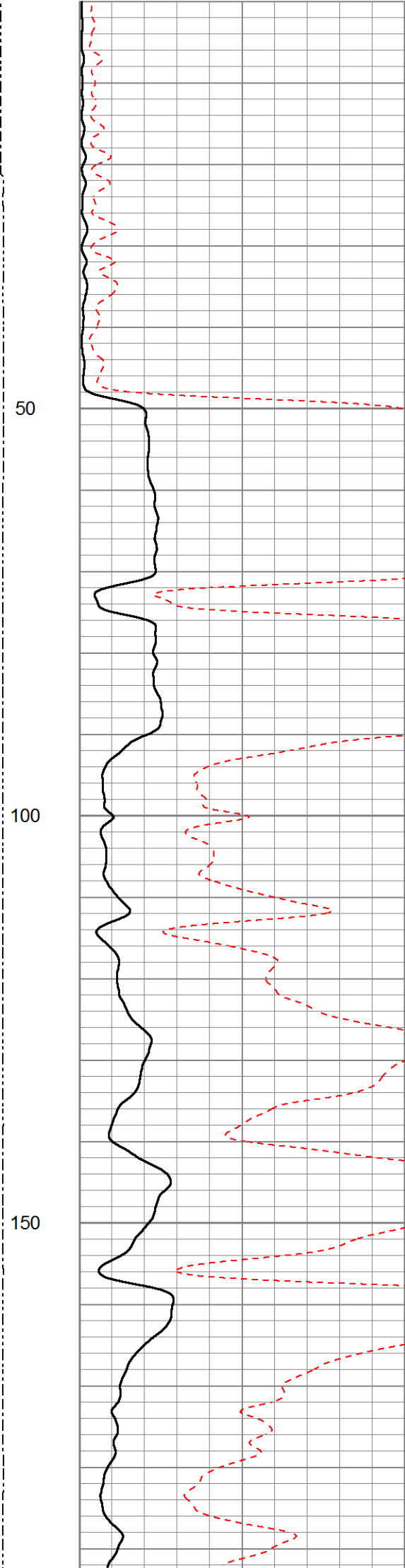
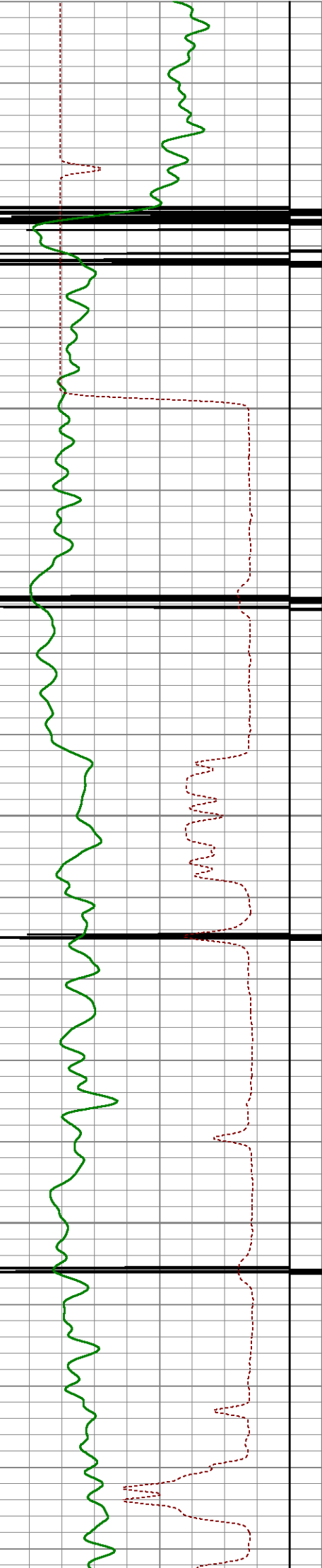
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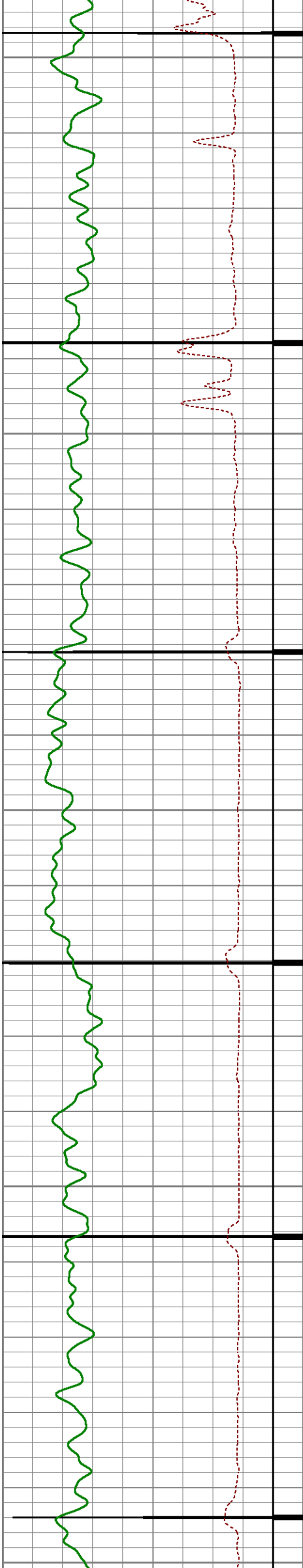
Presentation Format   gc3ft5ft

Dataset Creation      Thu Oct 15 01:22:10 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	(lb3000	0	AMPLITUDE 3FT (mV)	100		
	API								





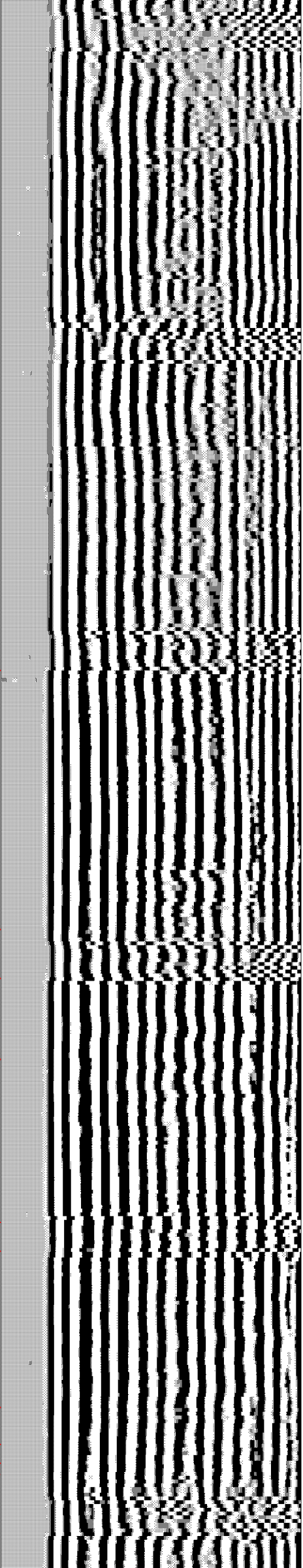
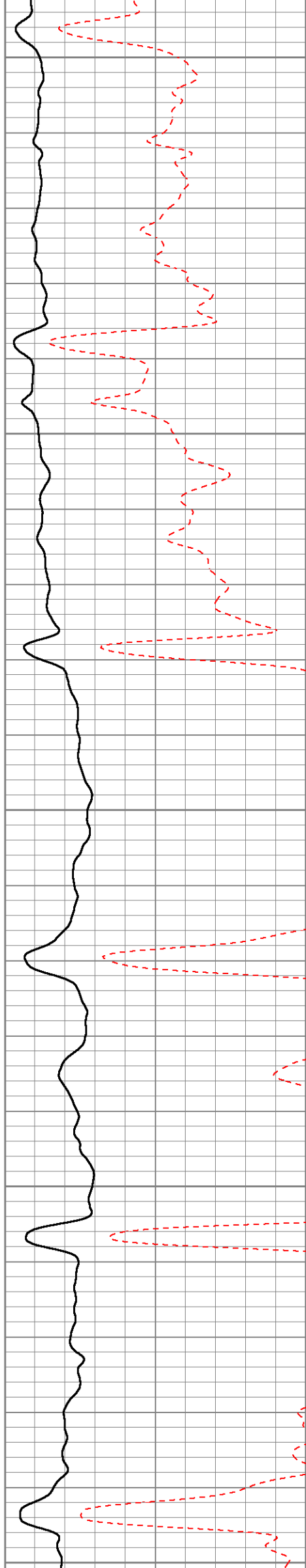
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250

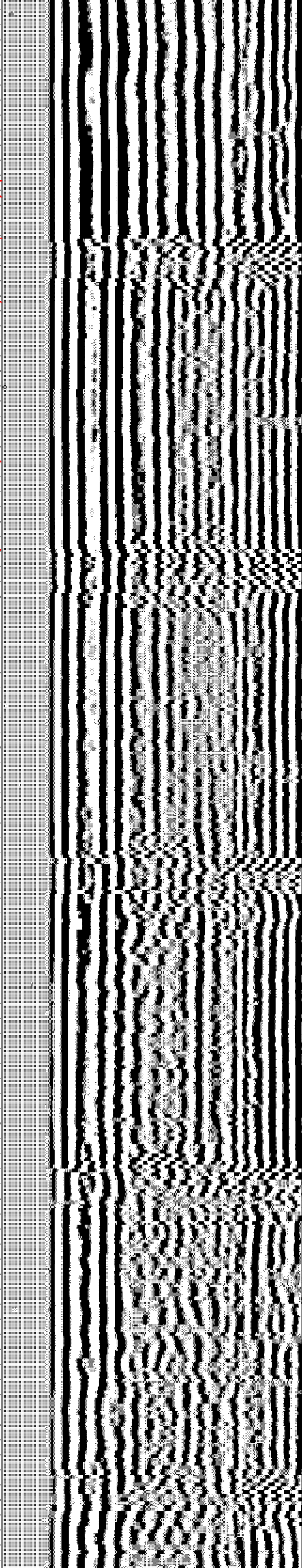
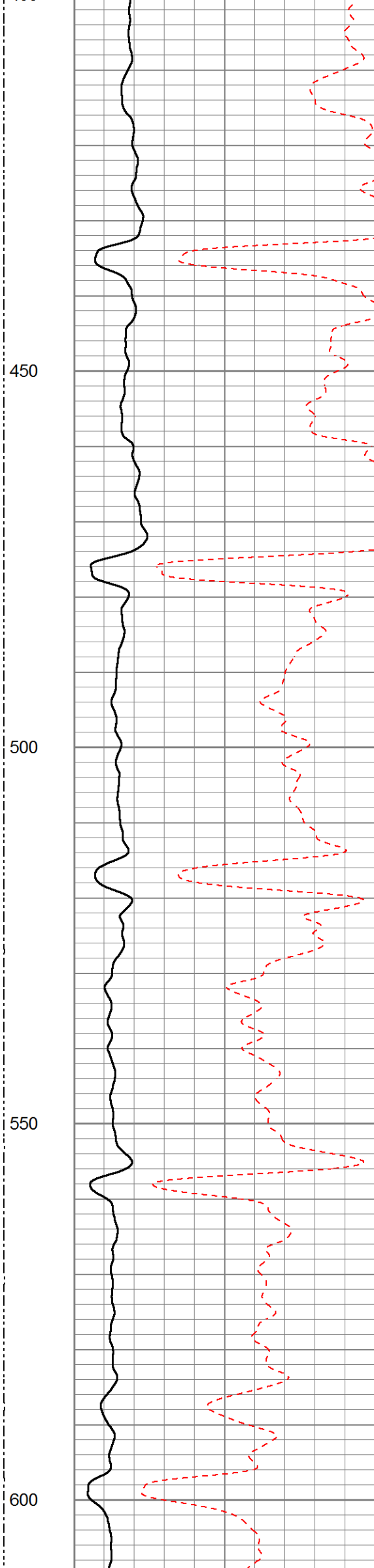
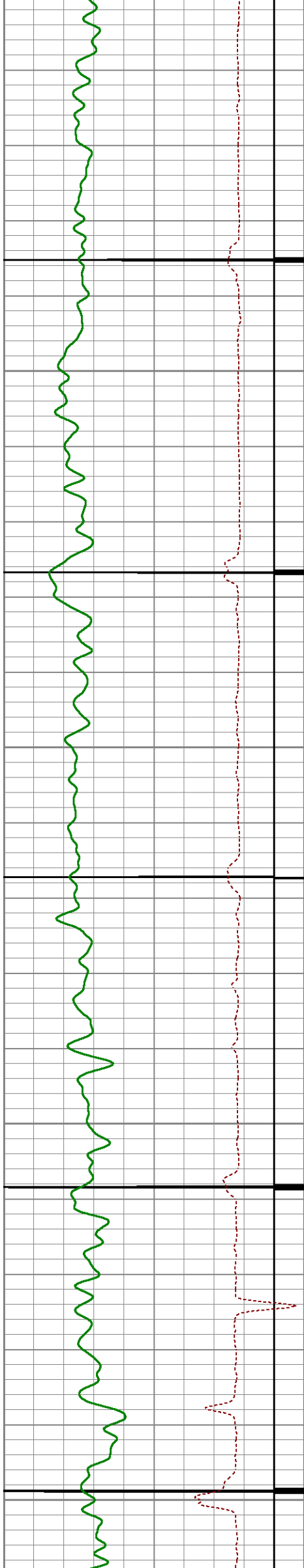
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350

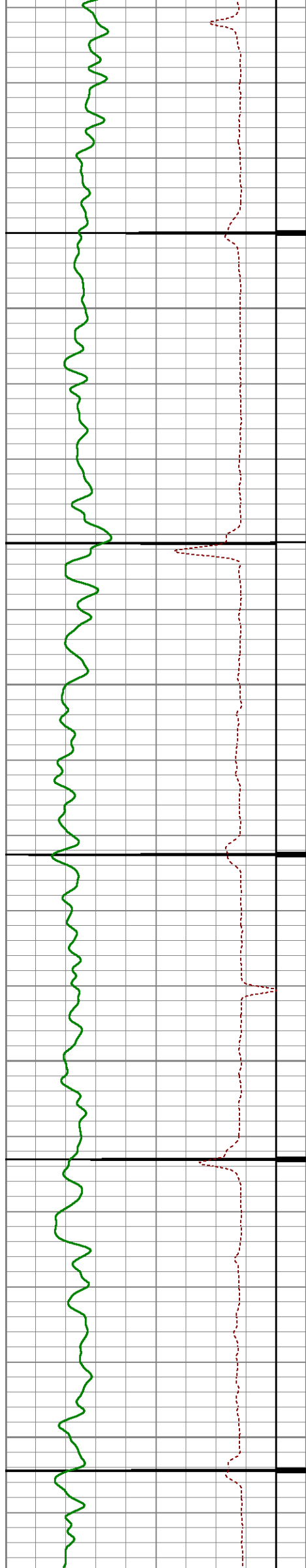
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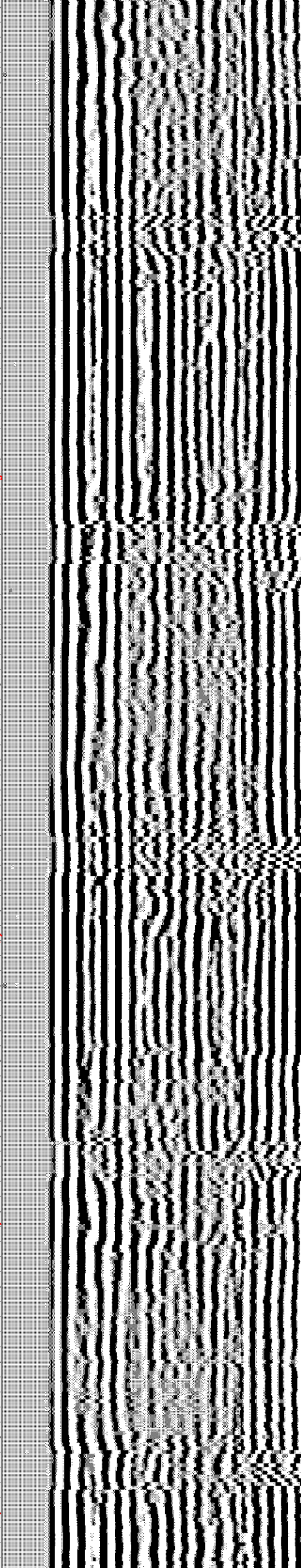
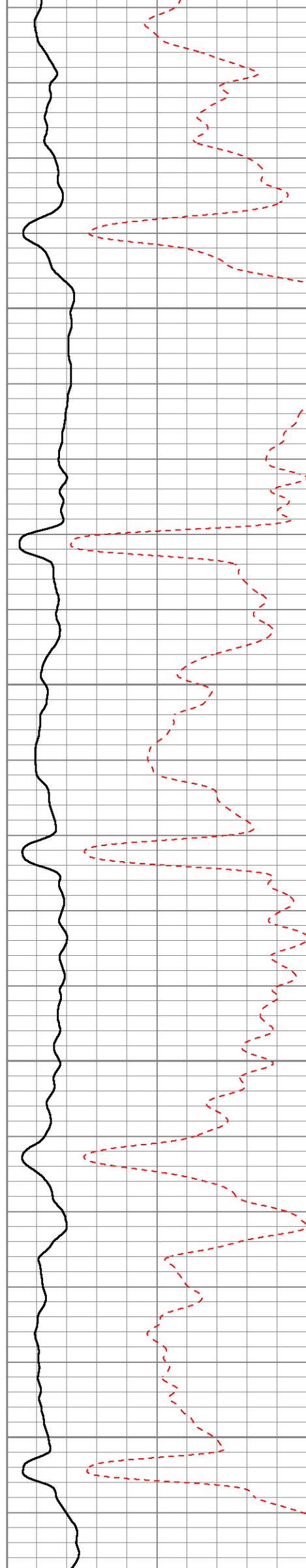


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750

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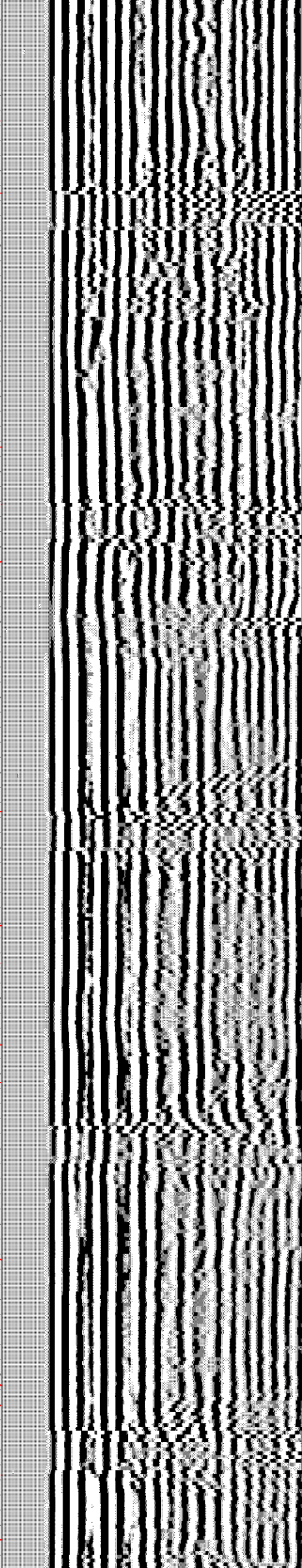
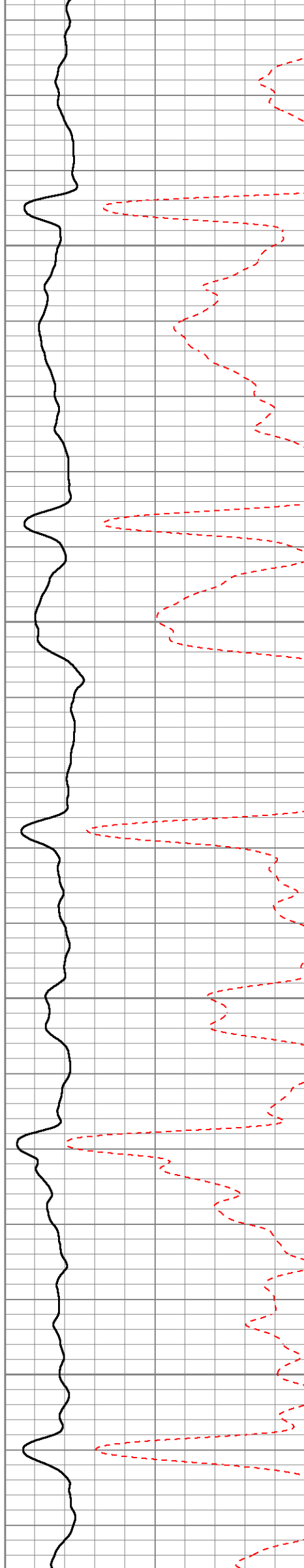


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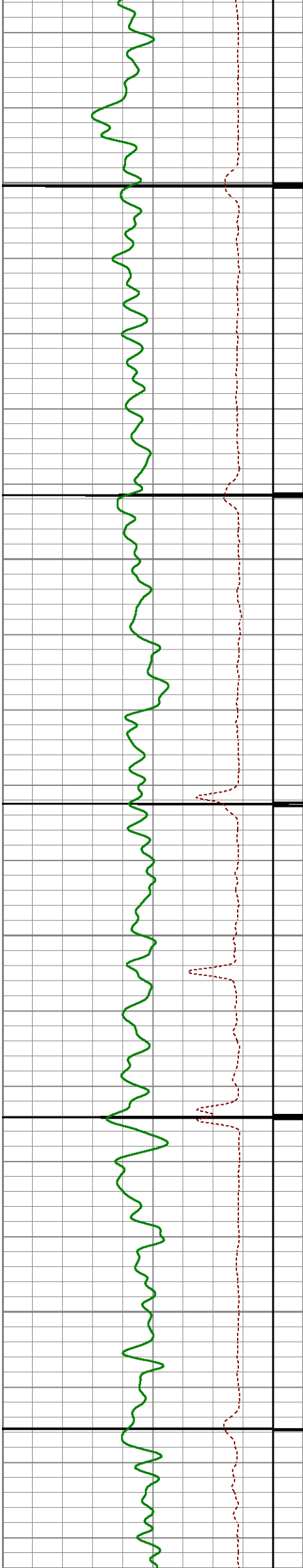
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1000





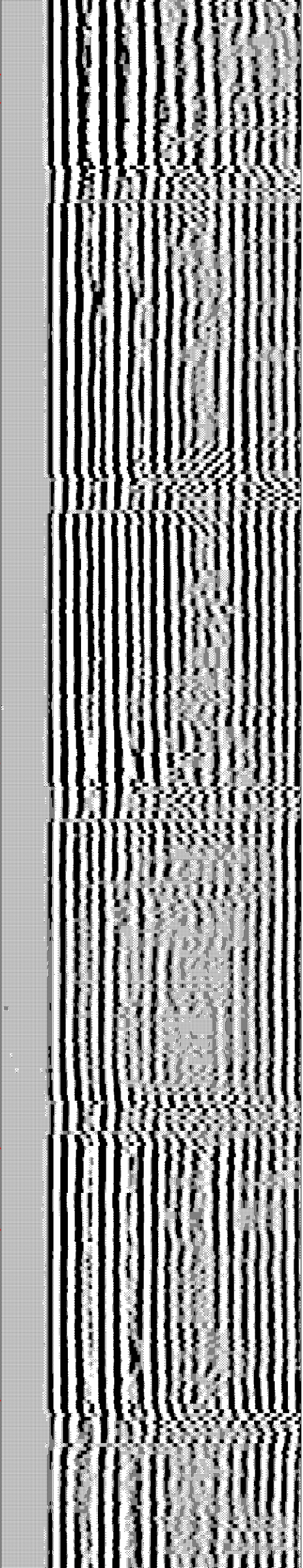
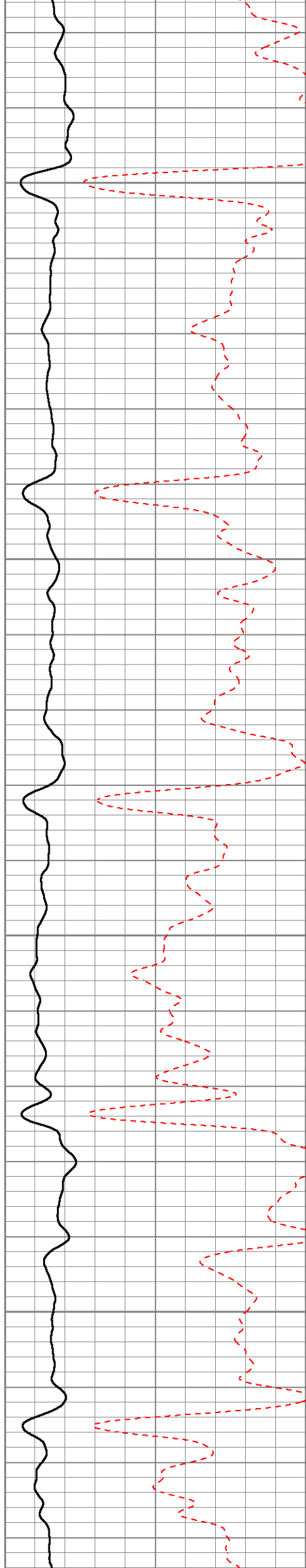


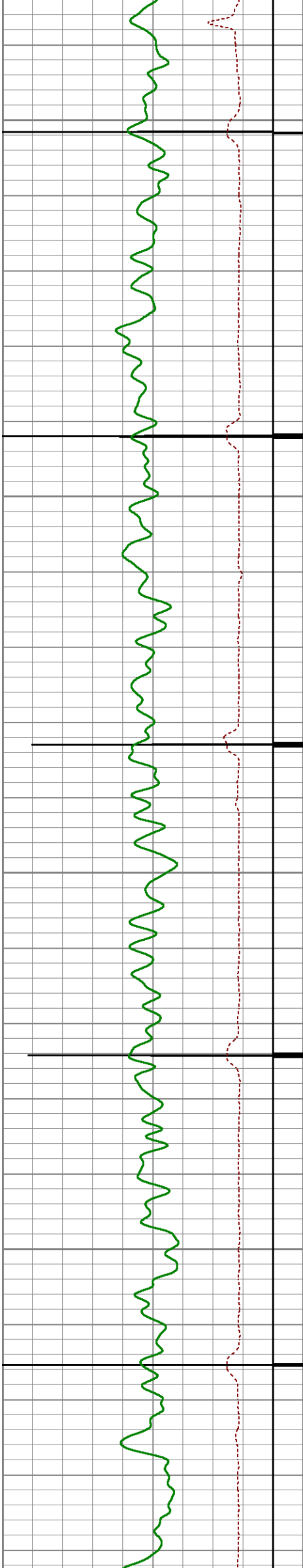
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1100

1150

1200



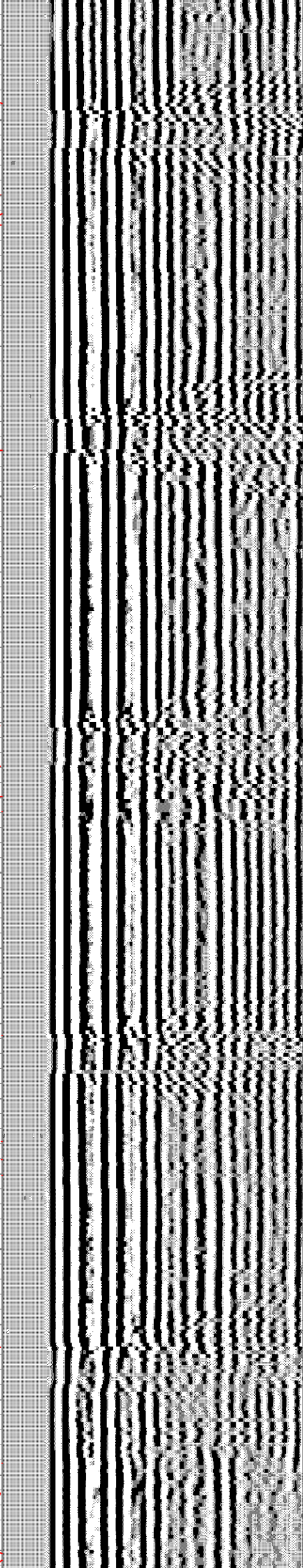
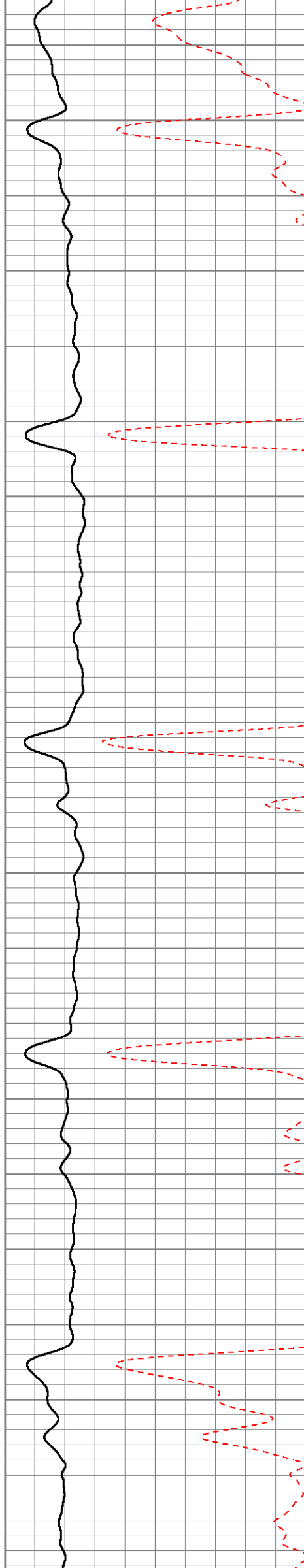


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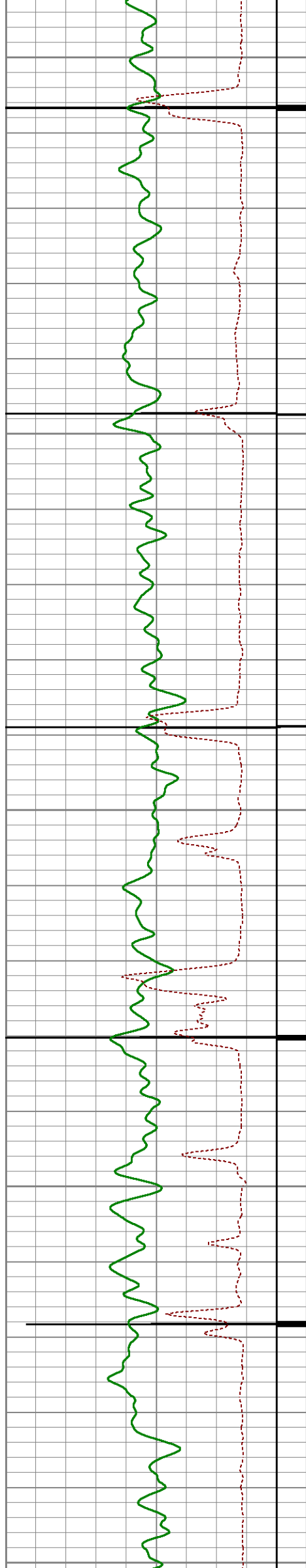
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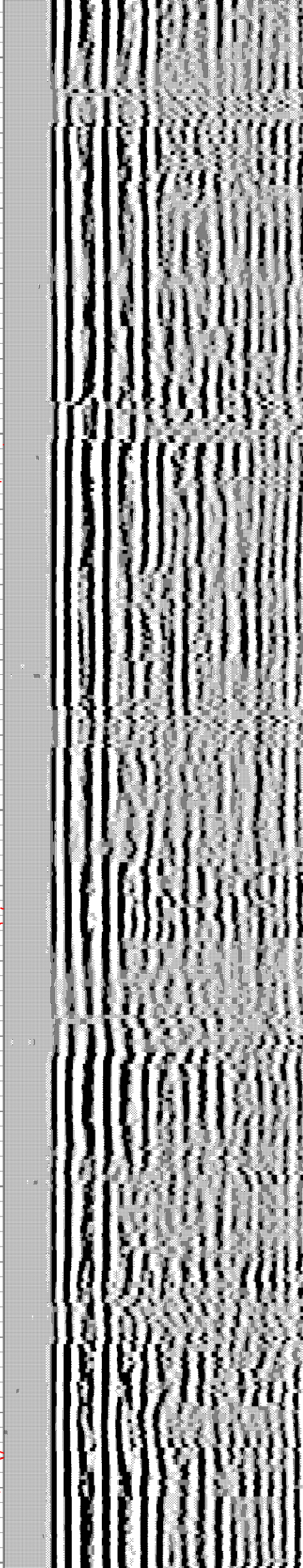
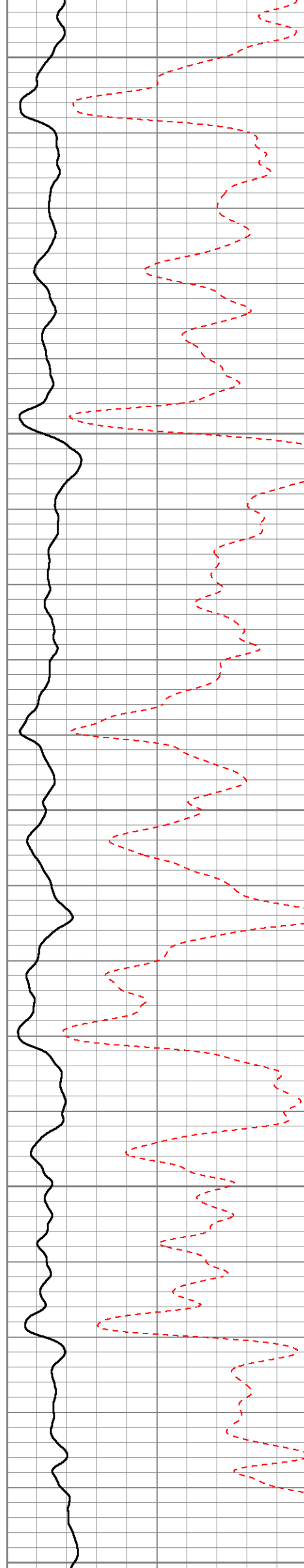
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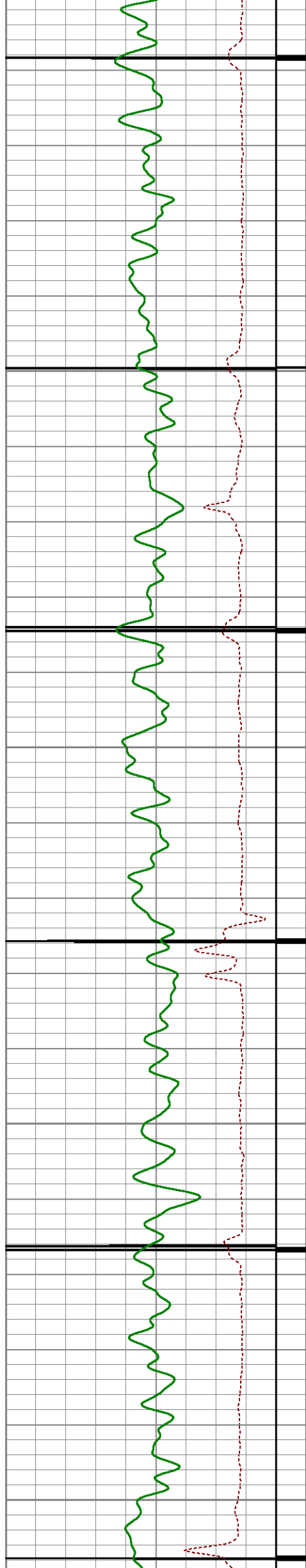
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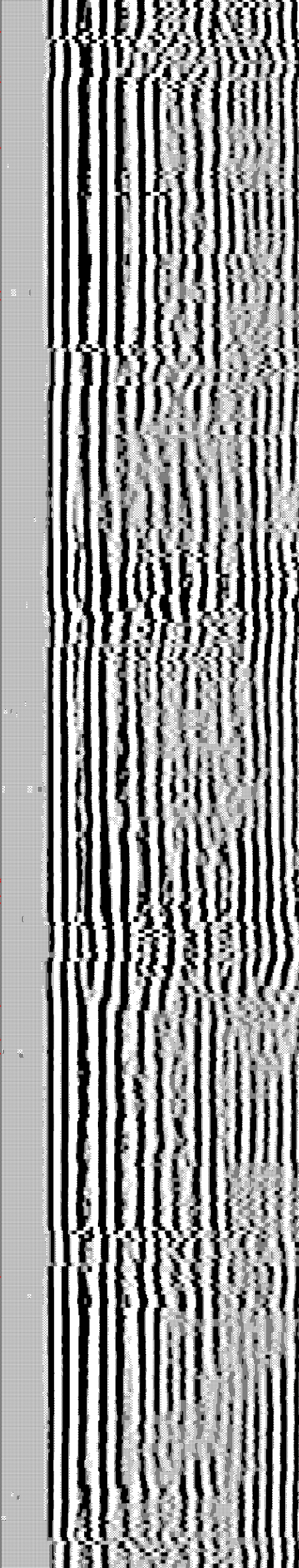
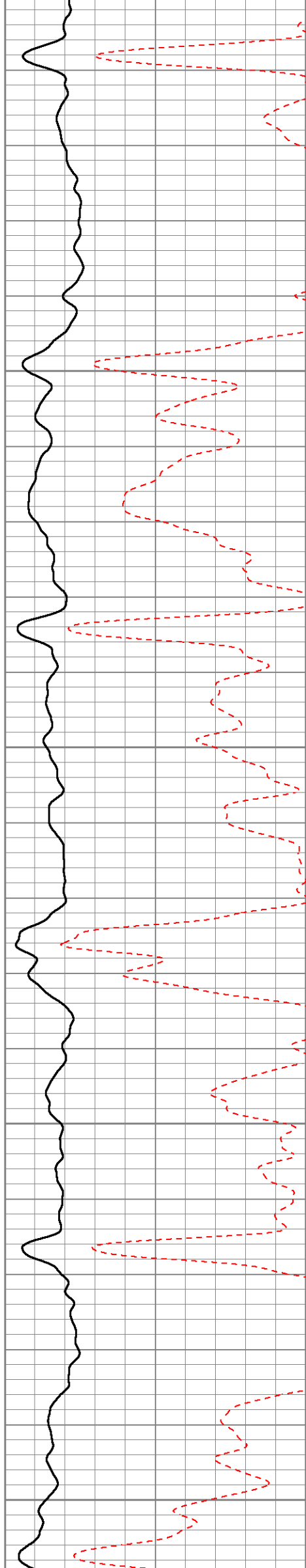


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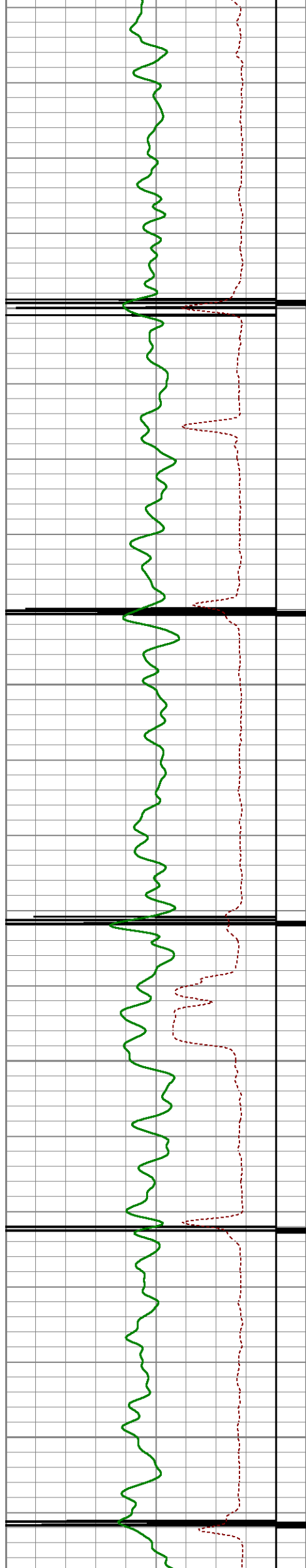
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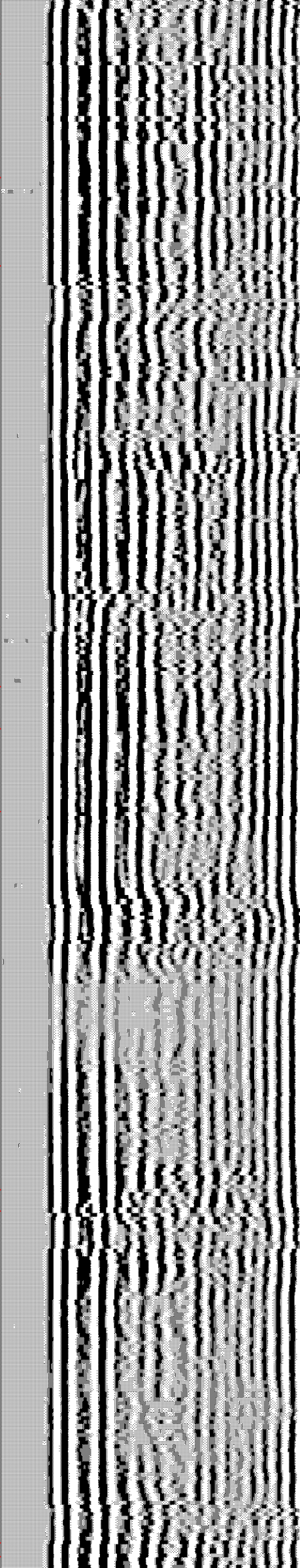
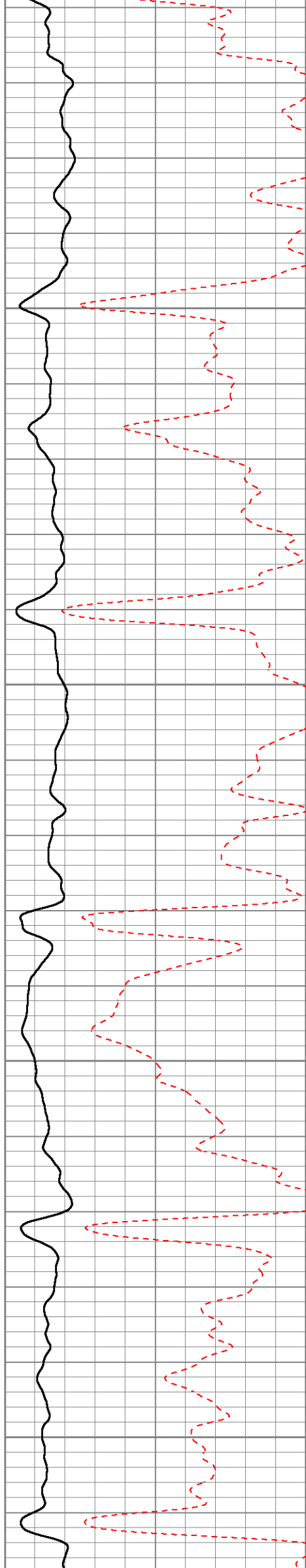


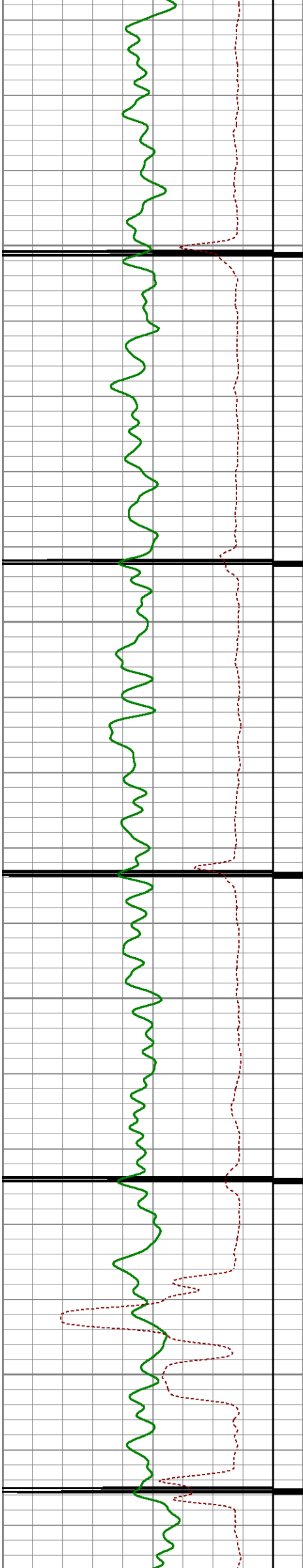
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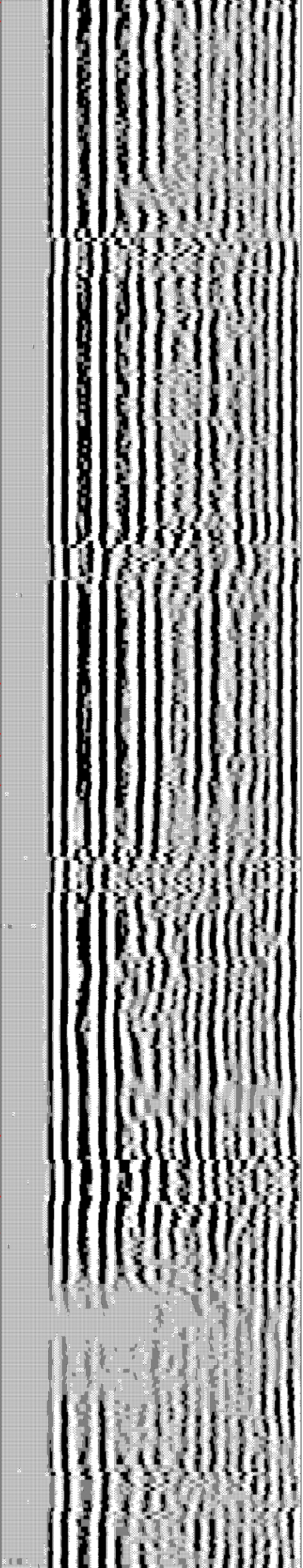
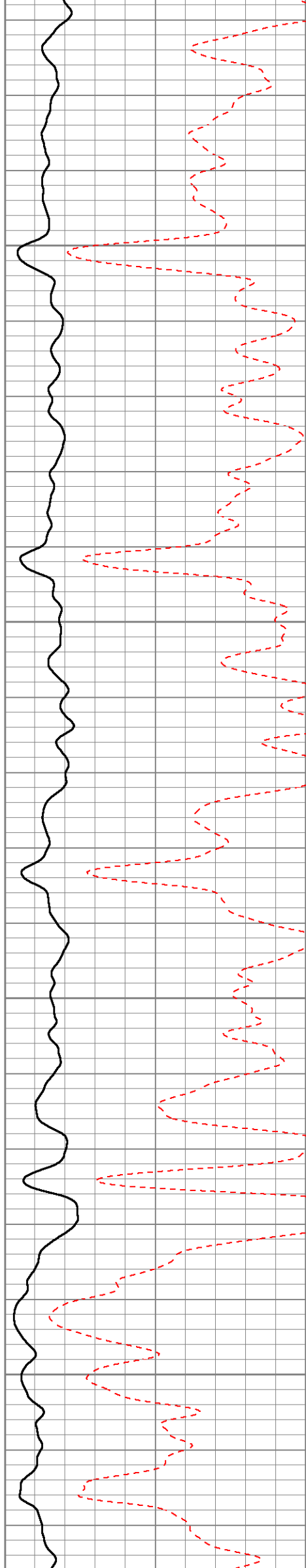


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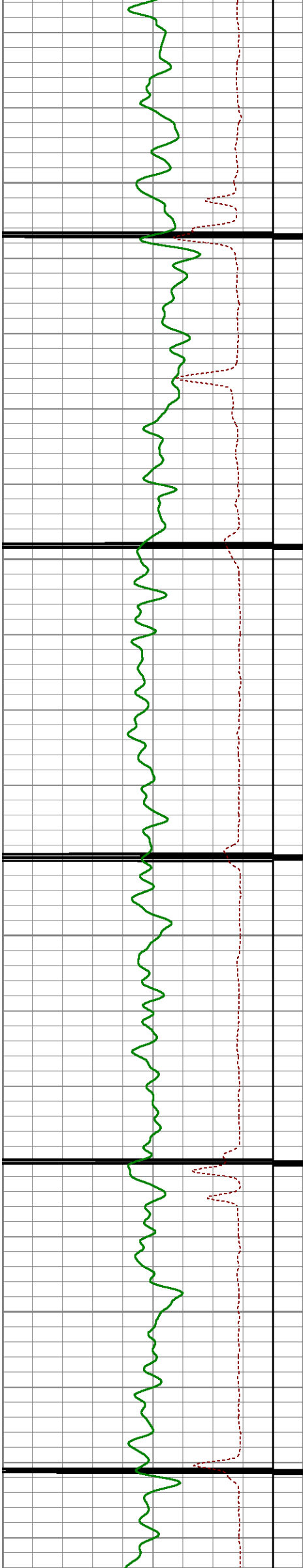
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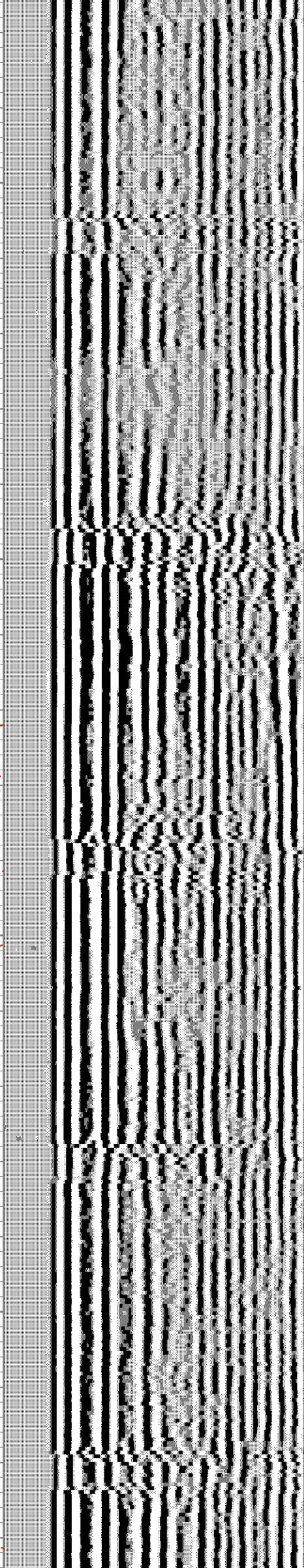


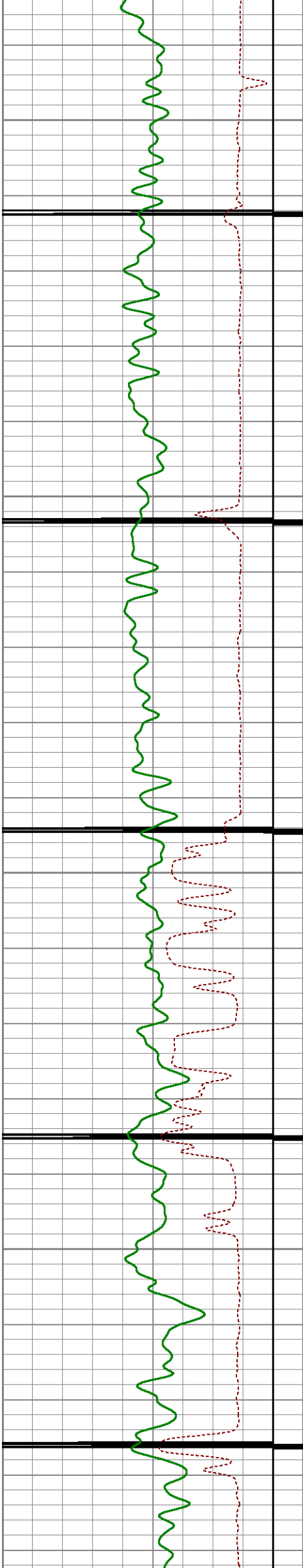
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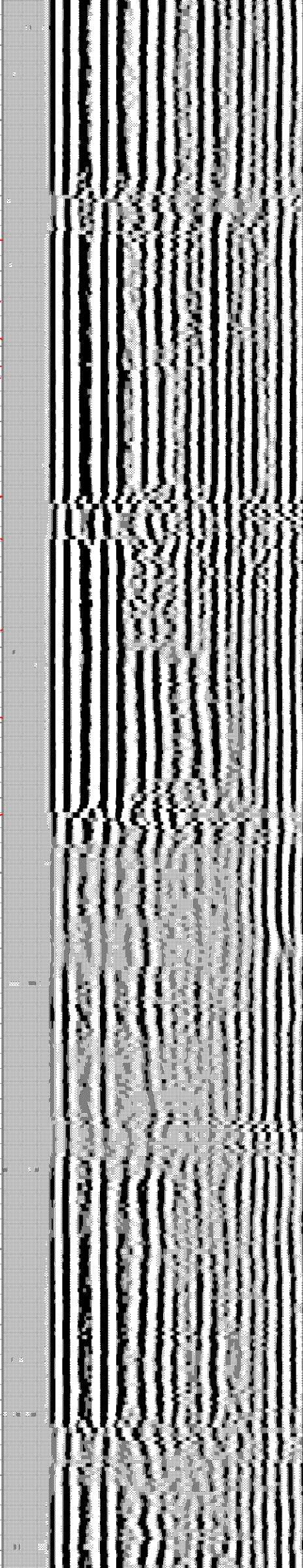
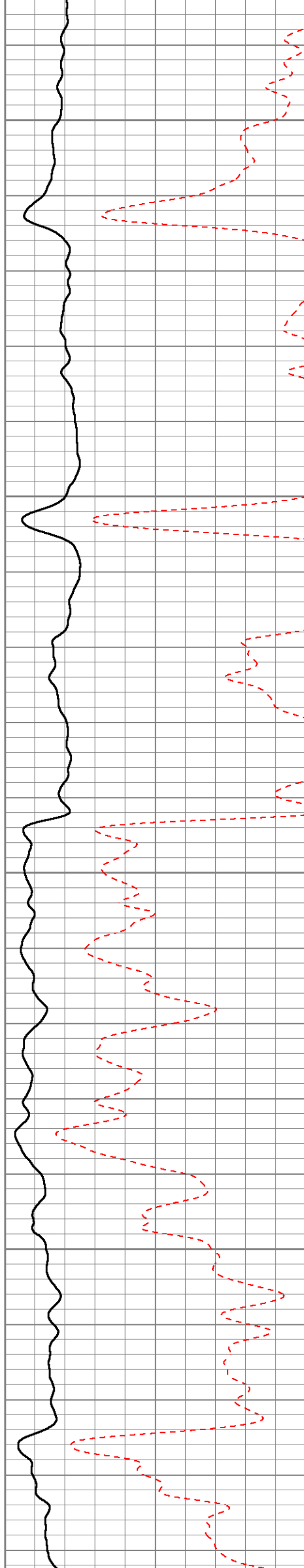


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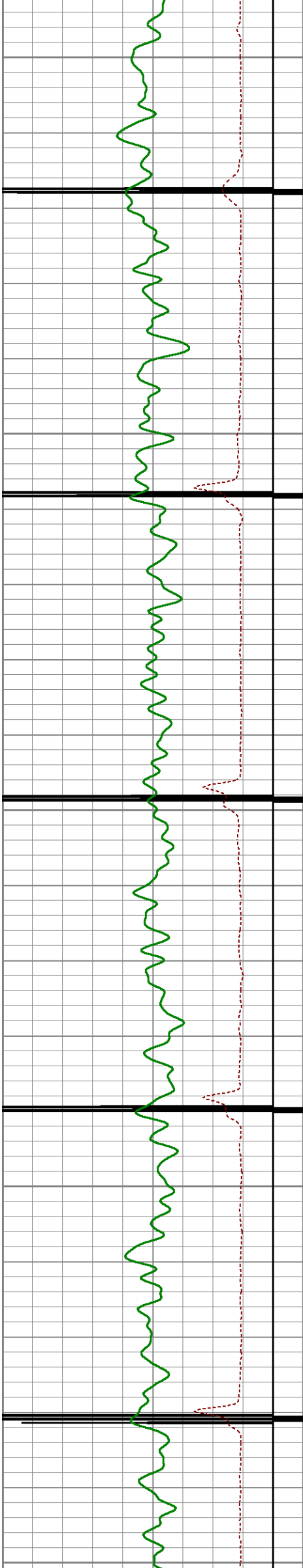
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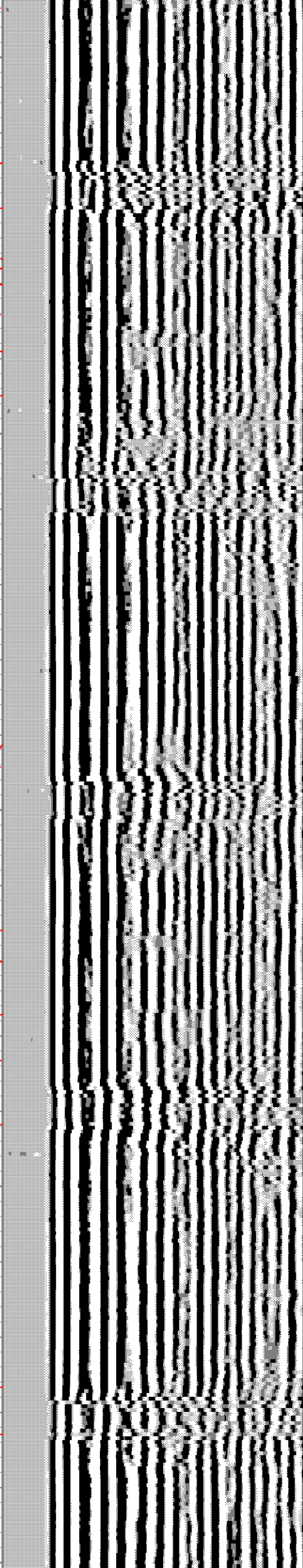
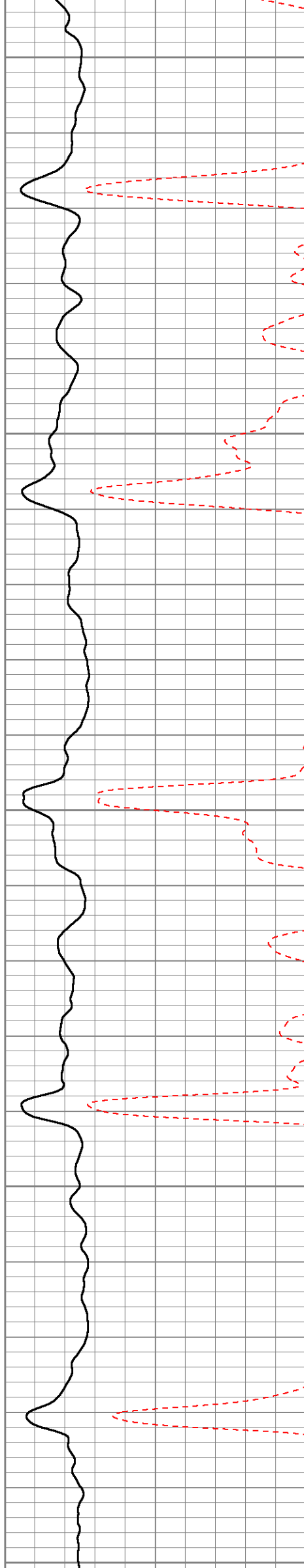
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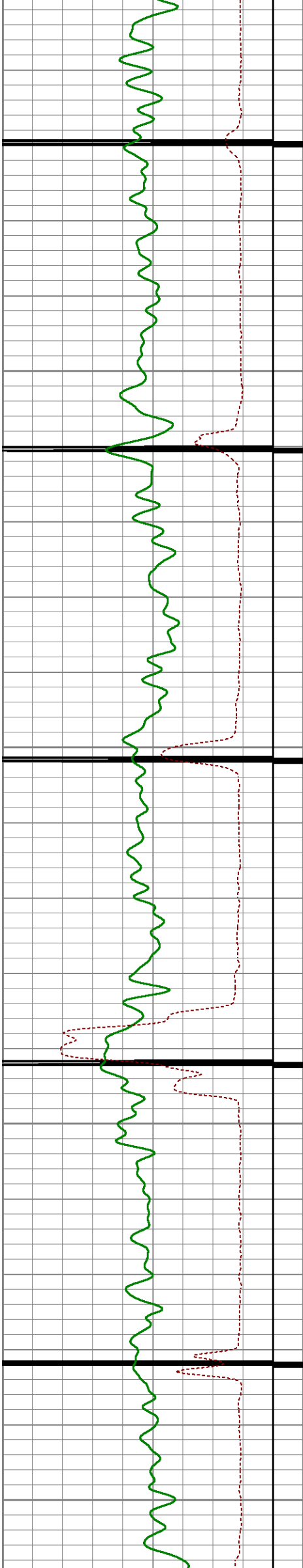
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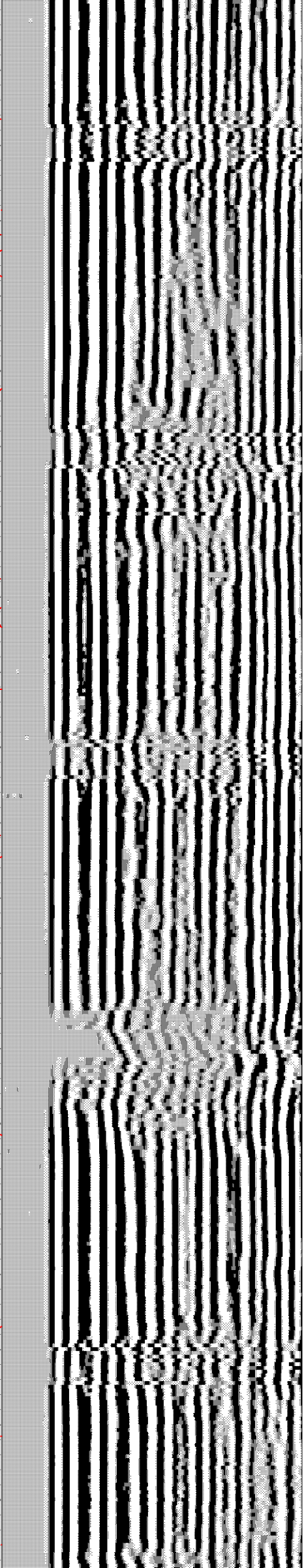
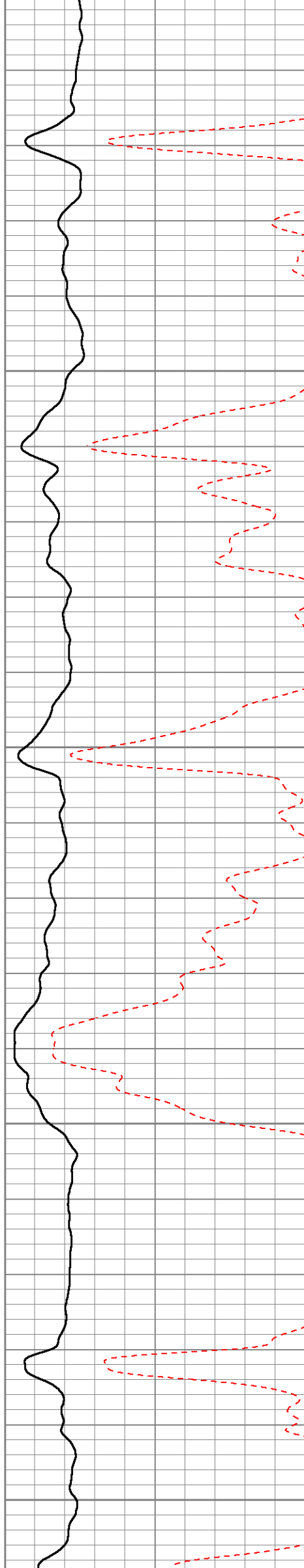


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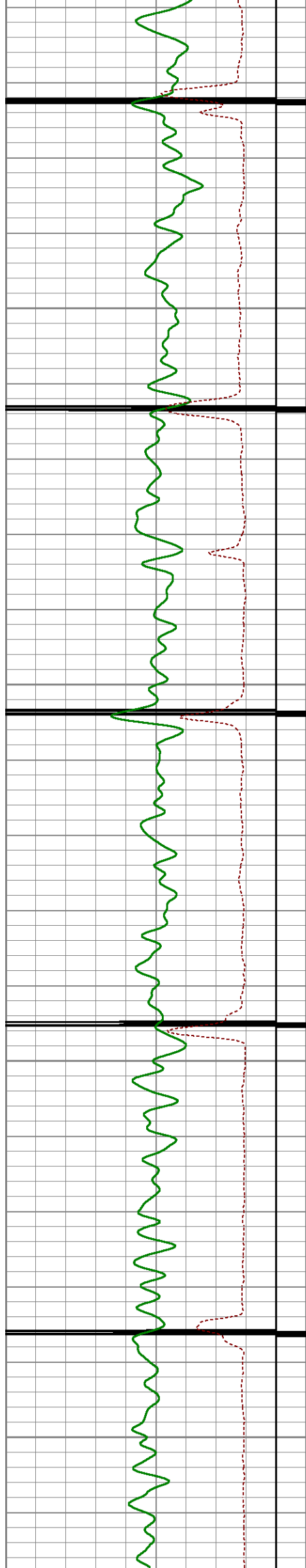
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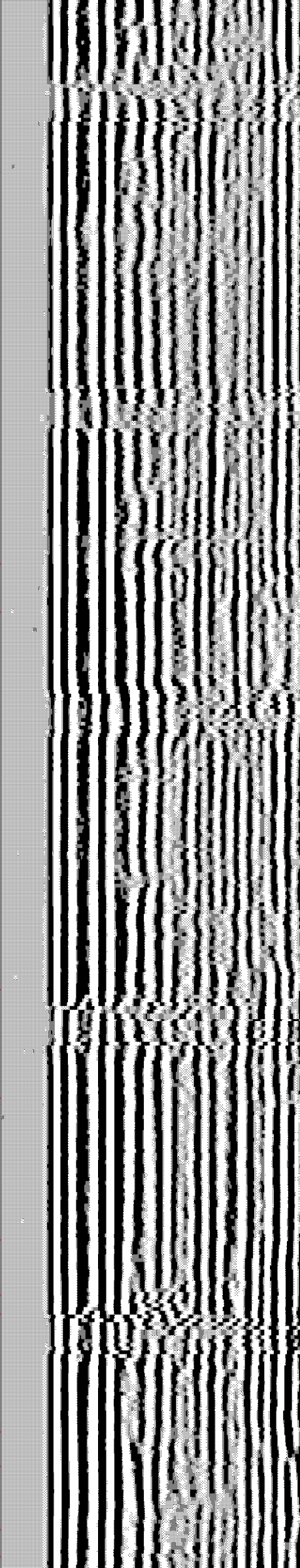
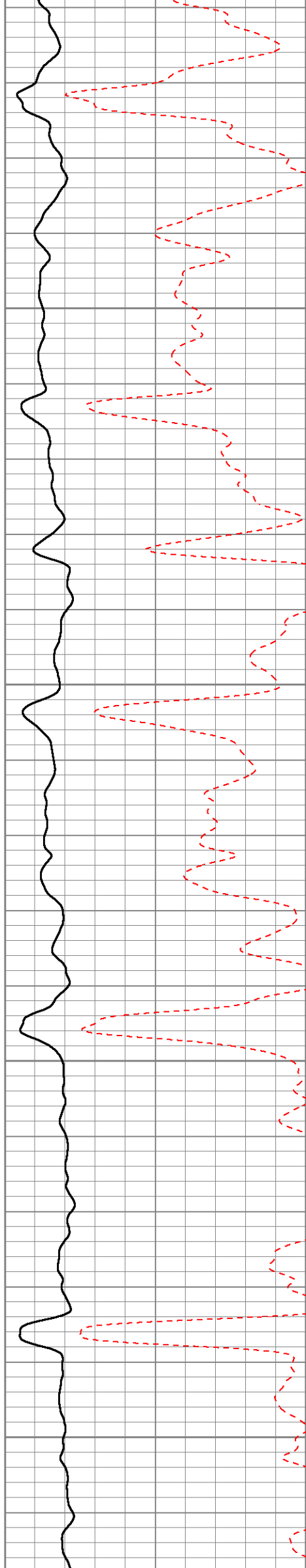


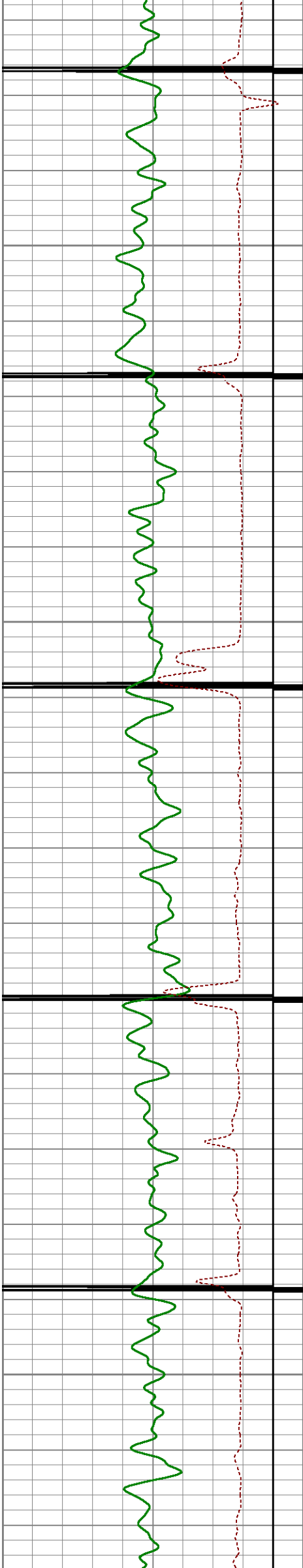
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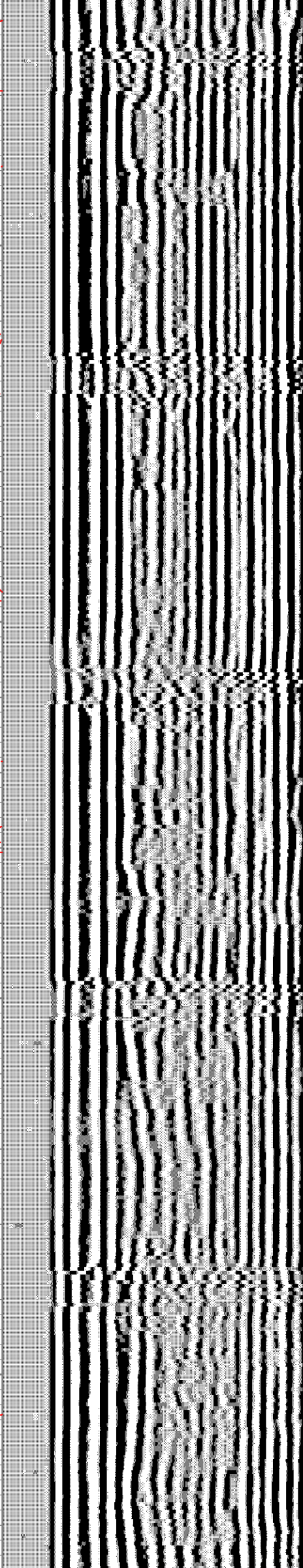
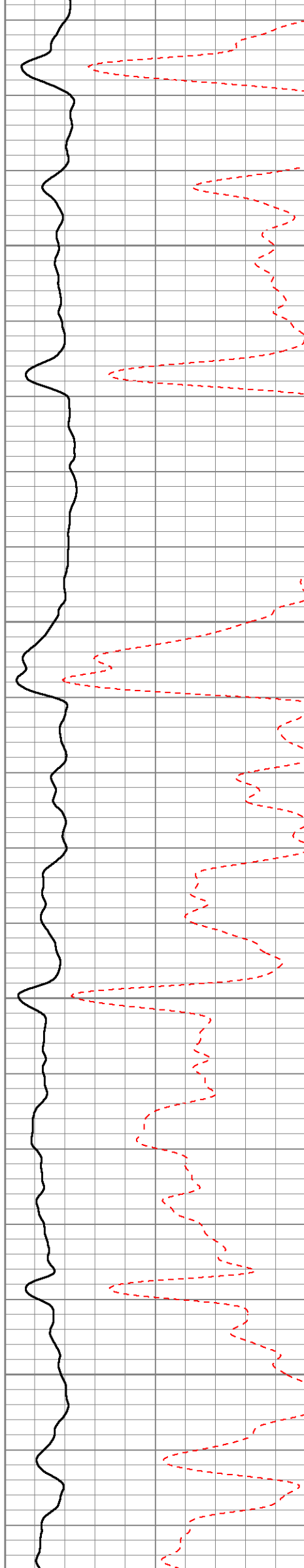


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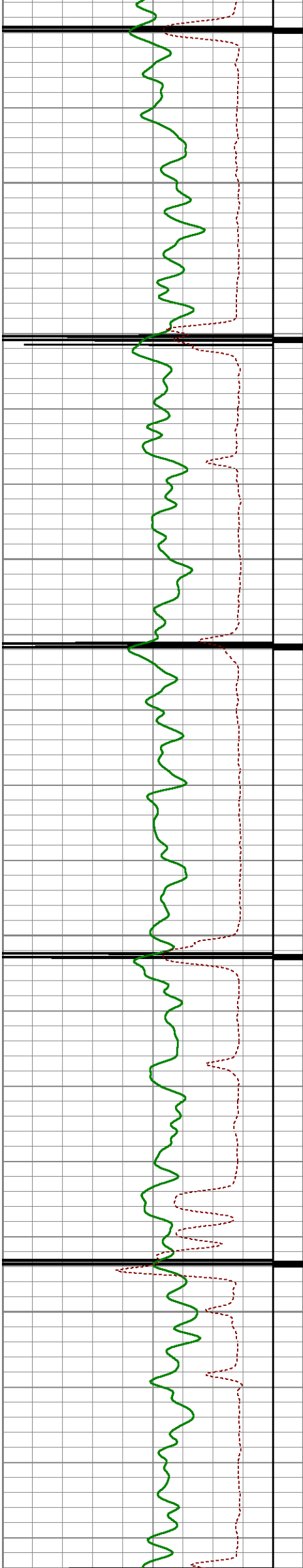
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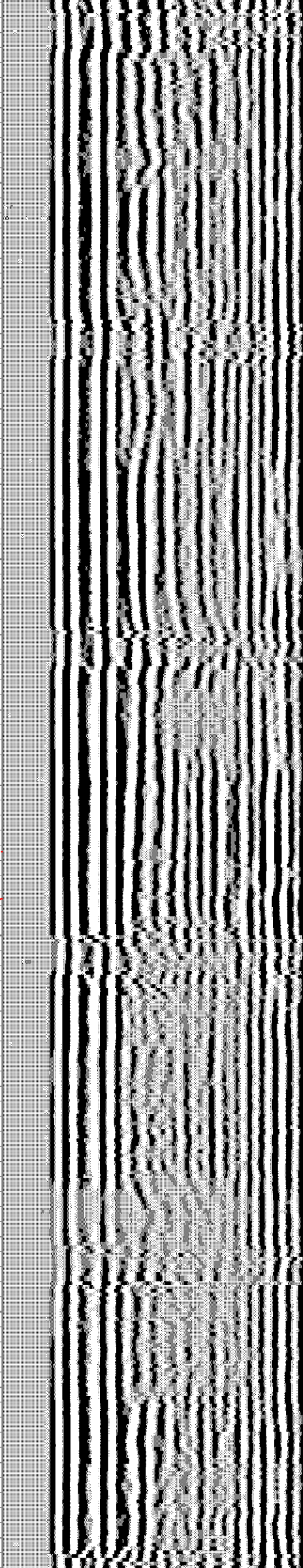
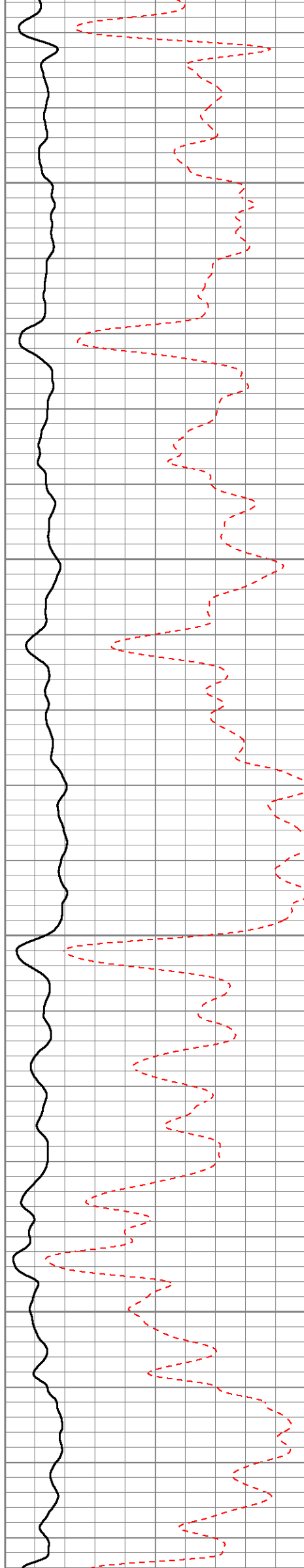


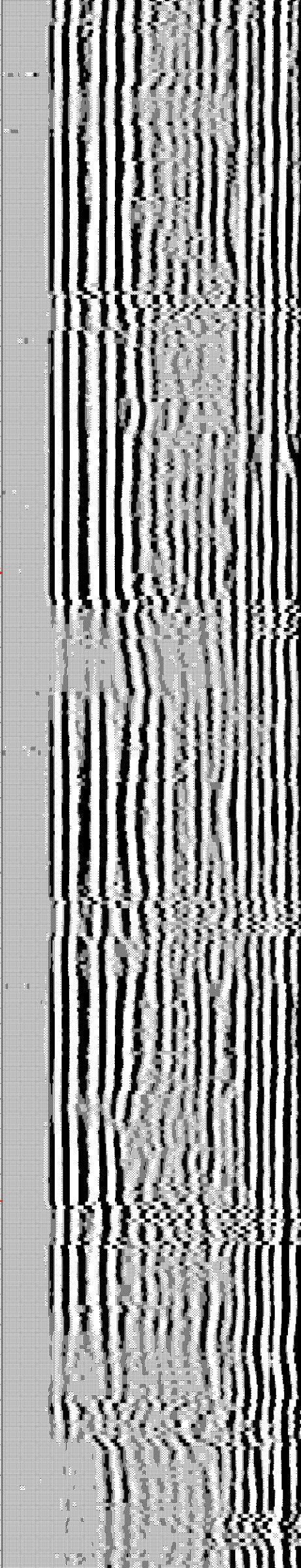
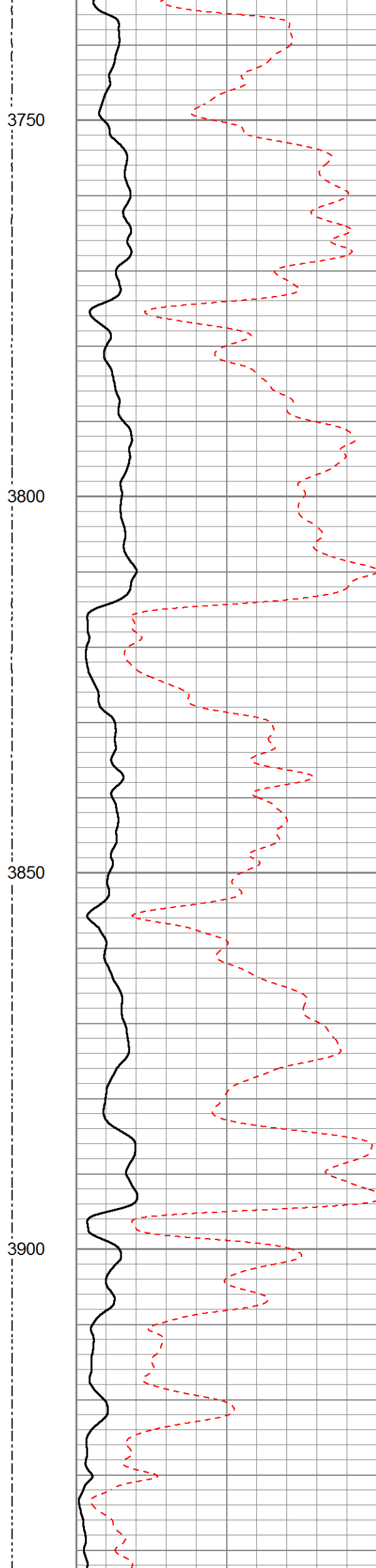
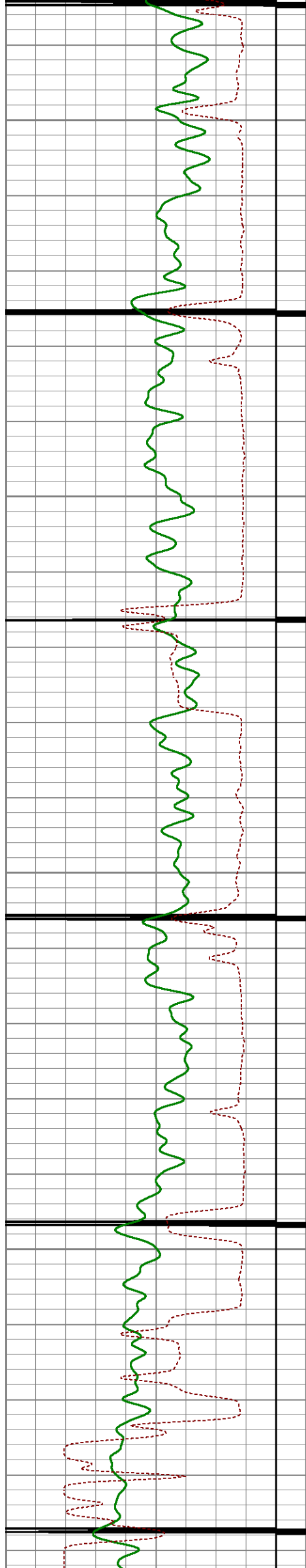
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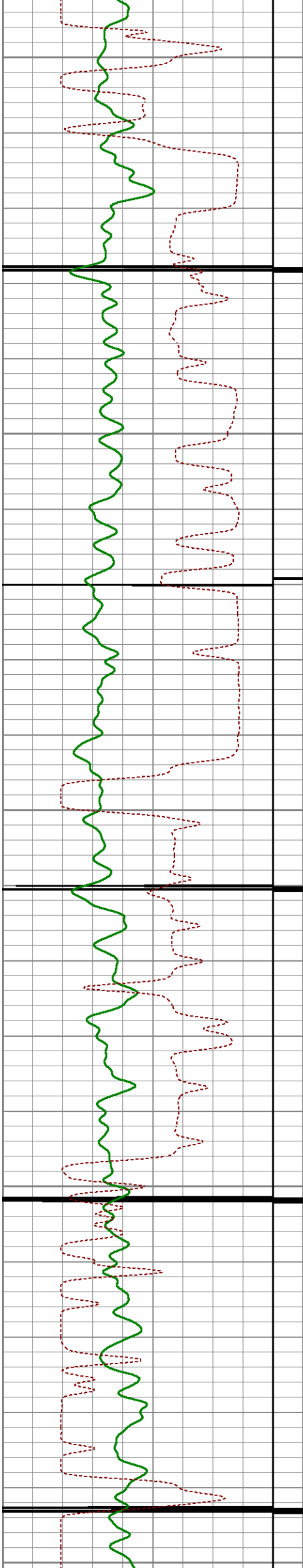
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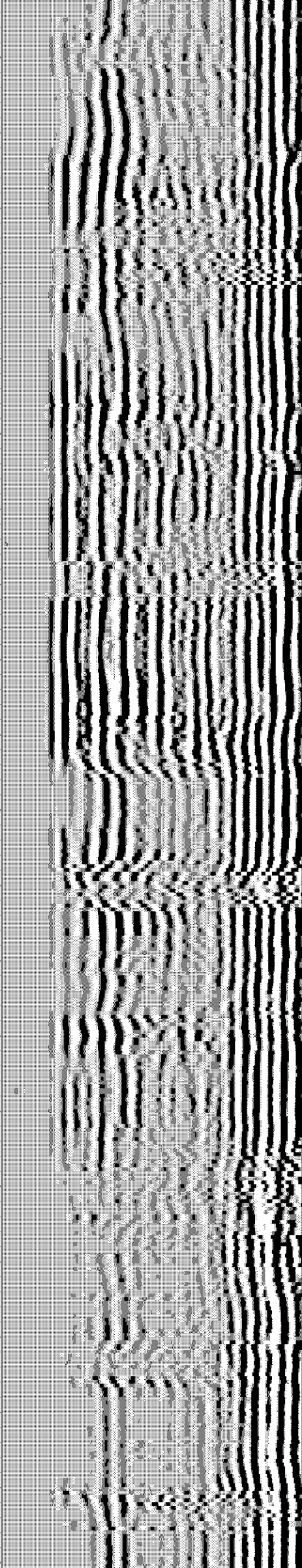
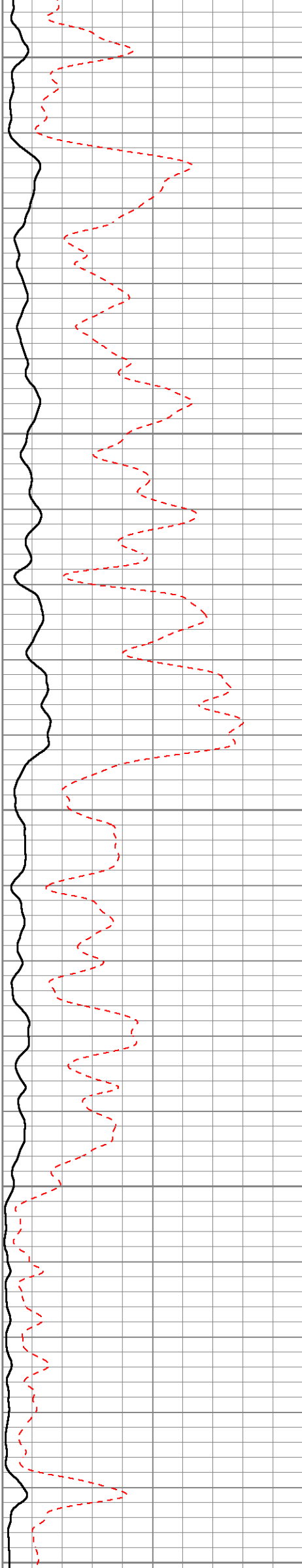
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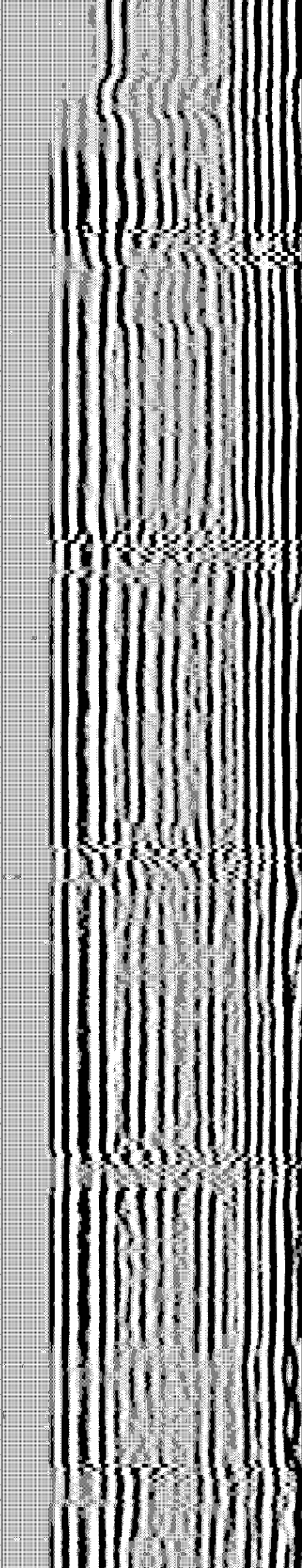
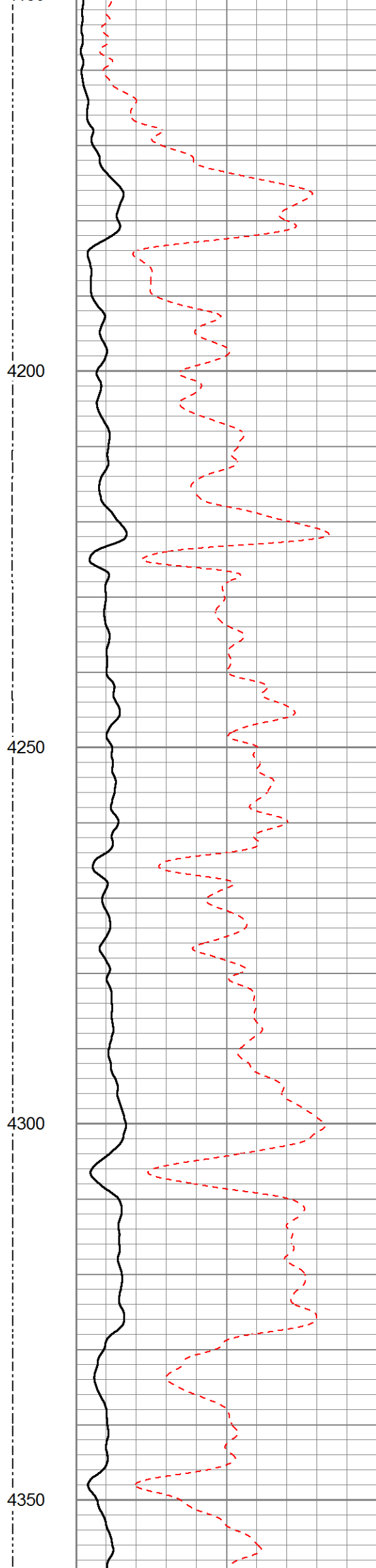
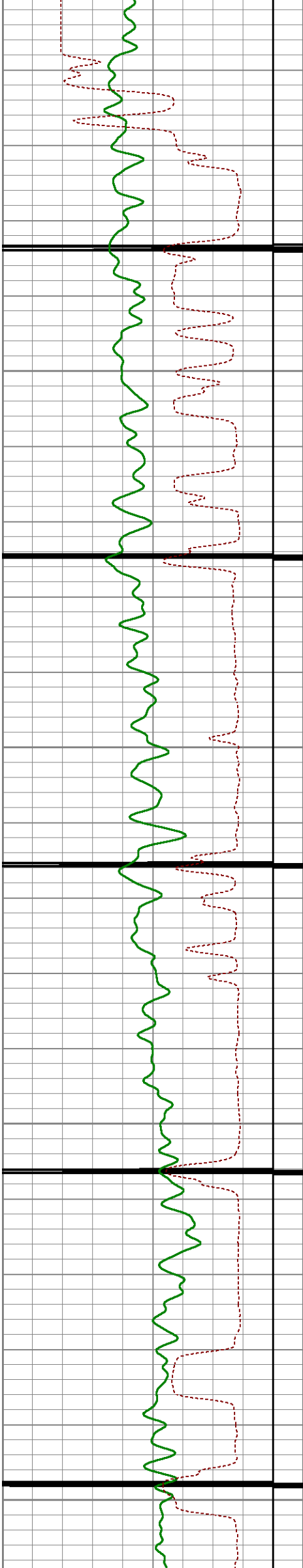
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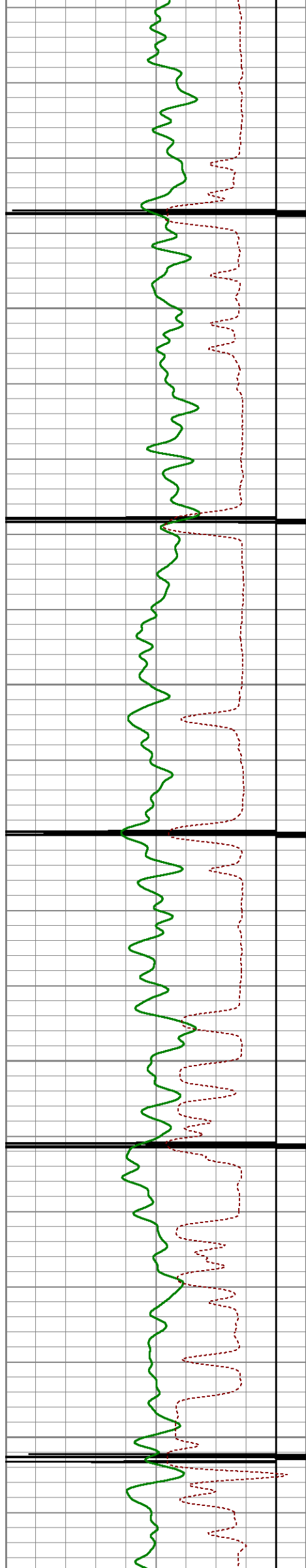
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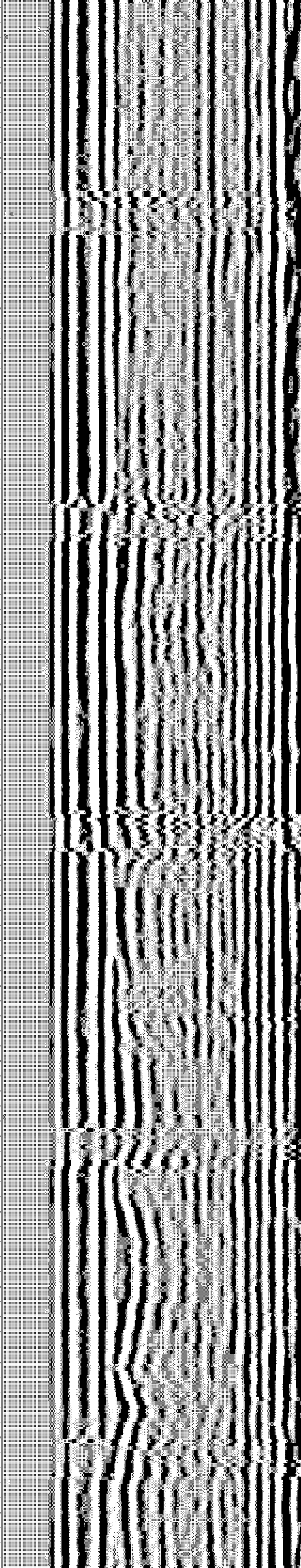
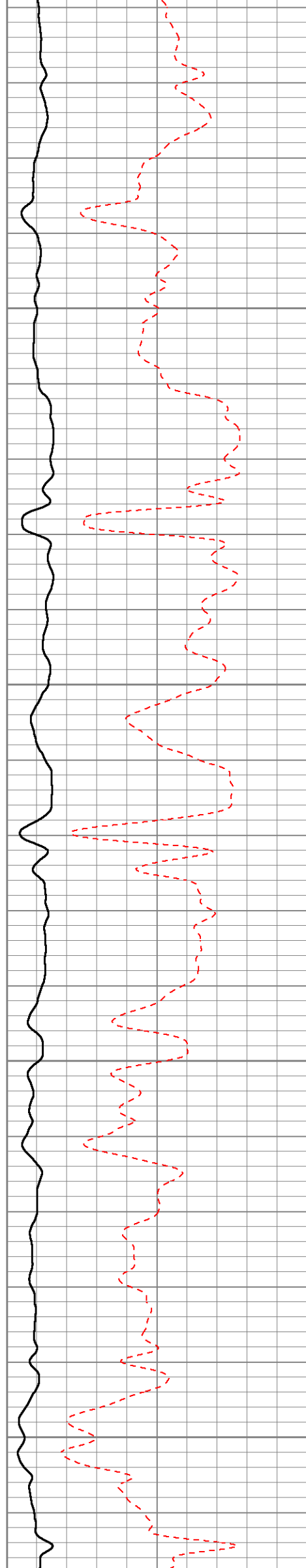


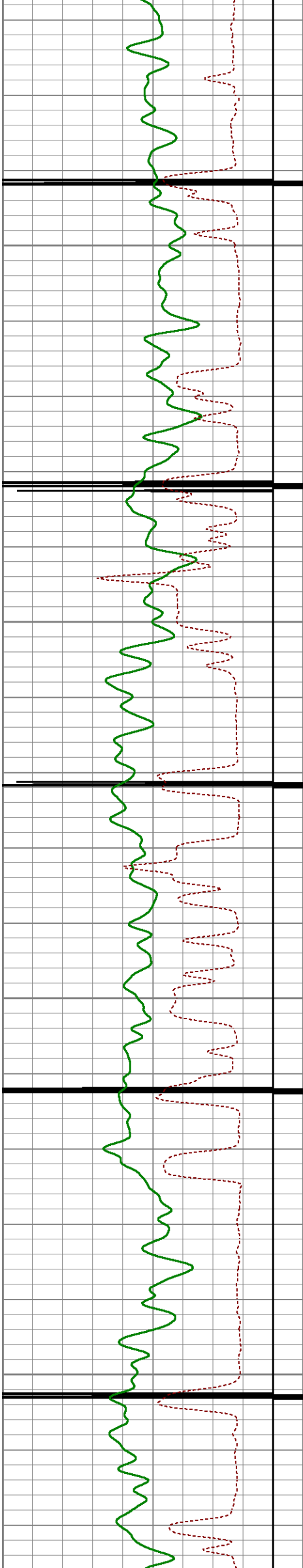
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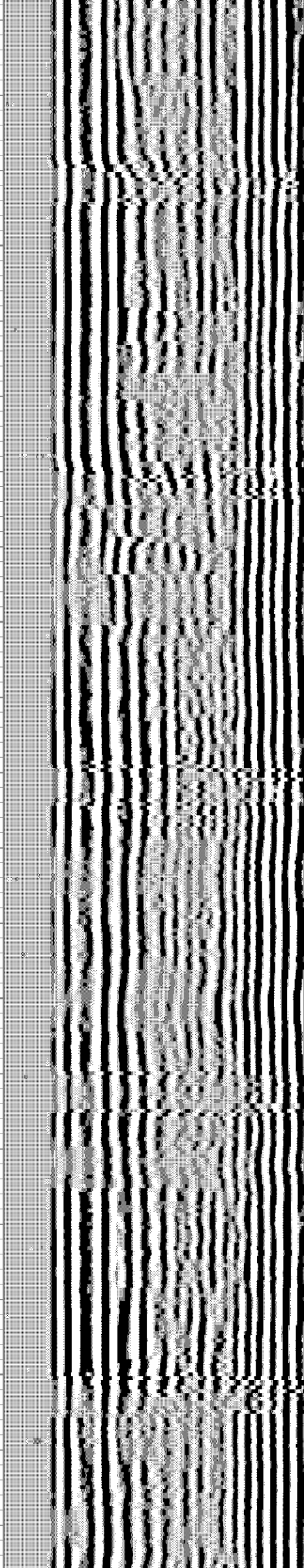
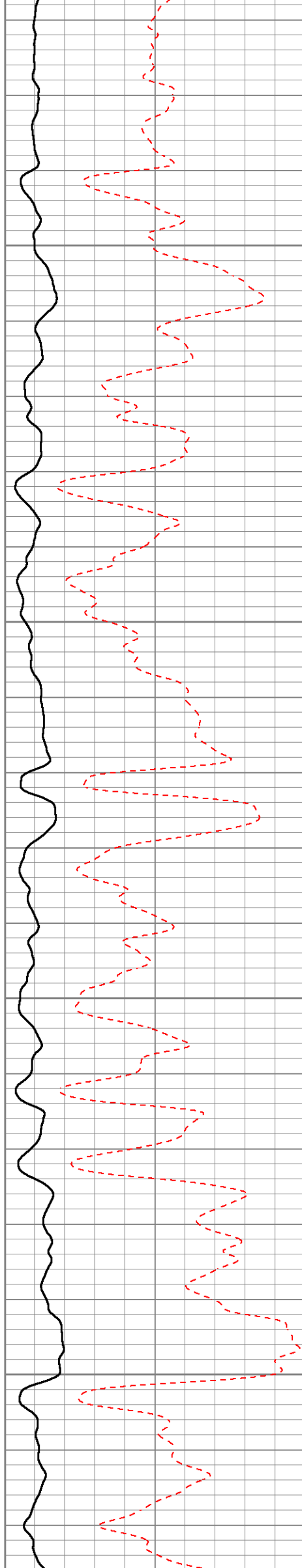


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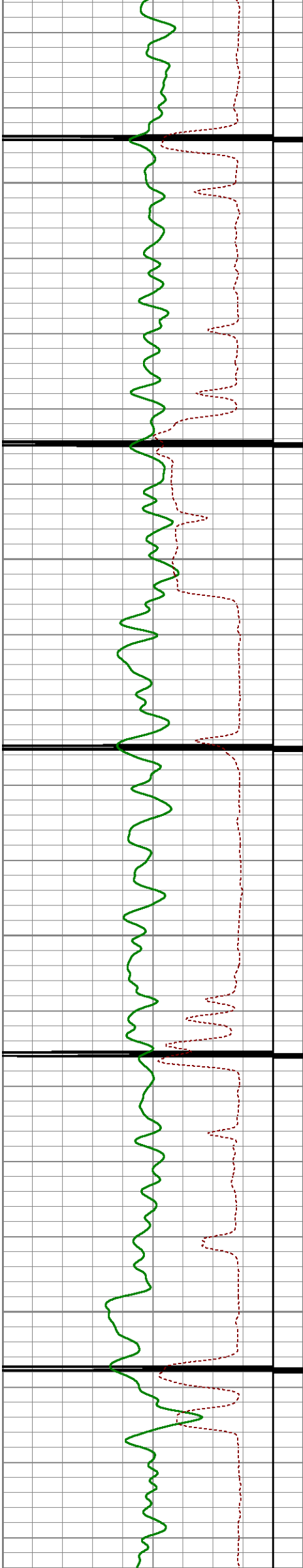
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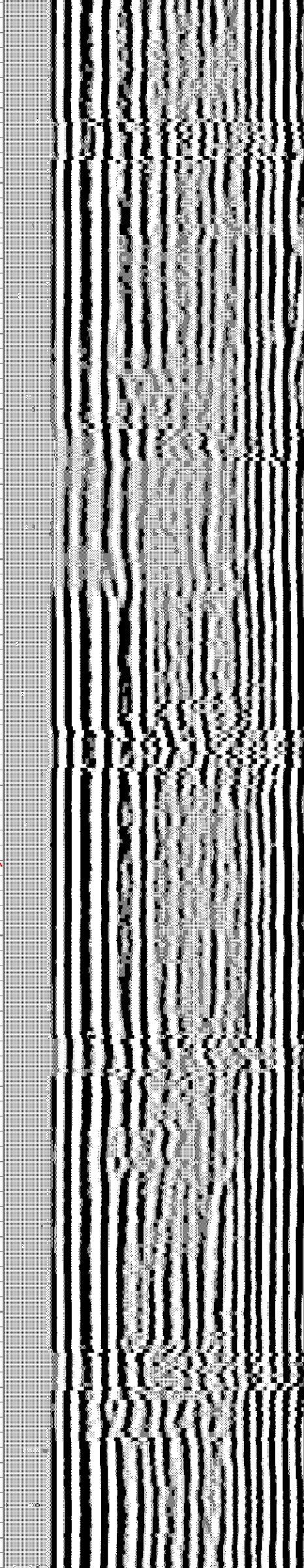
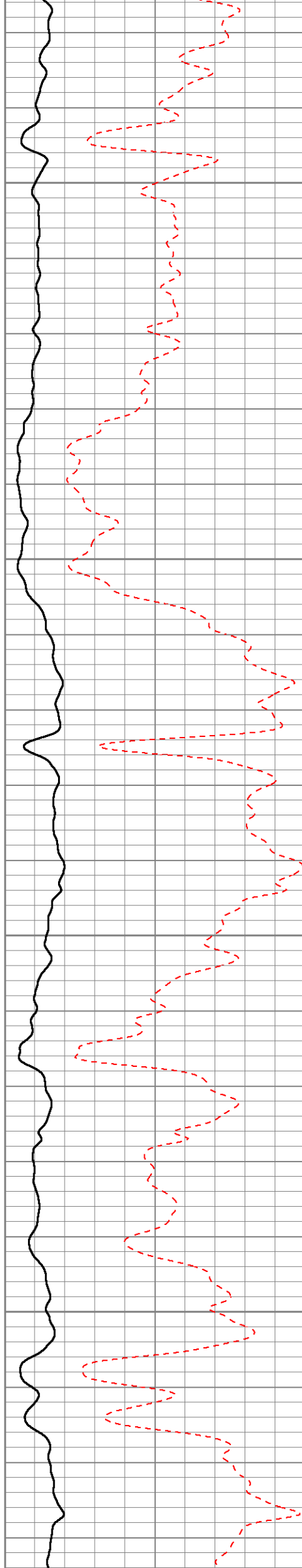


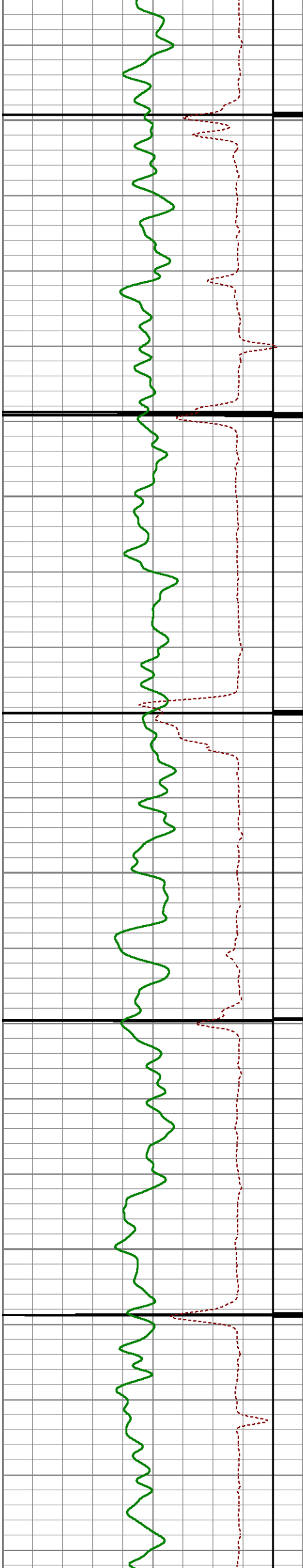
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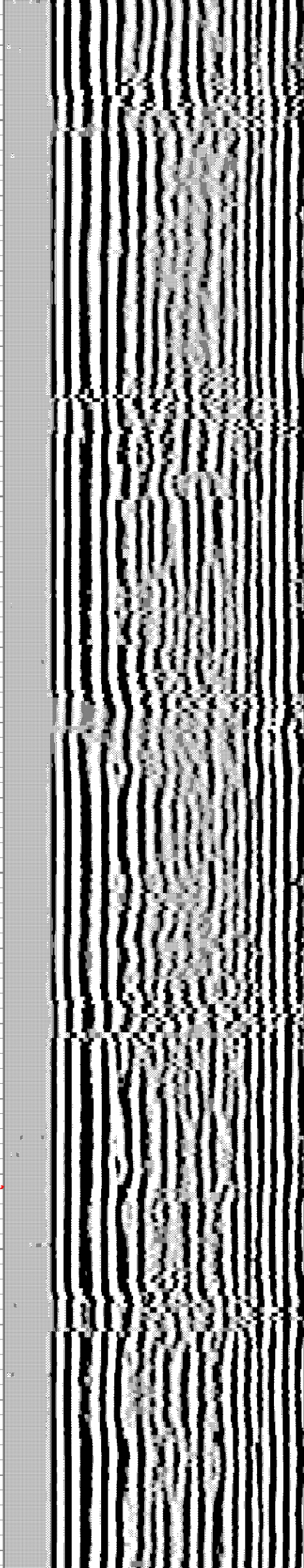
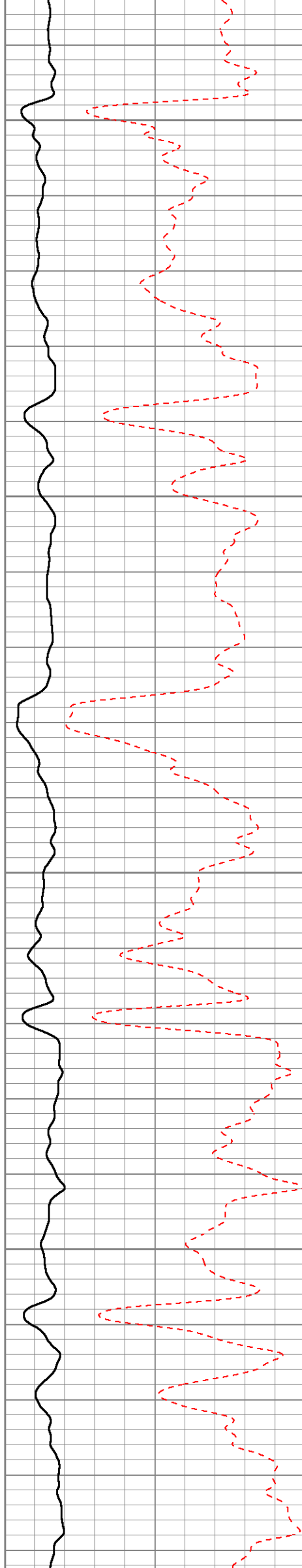


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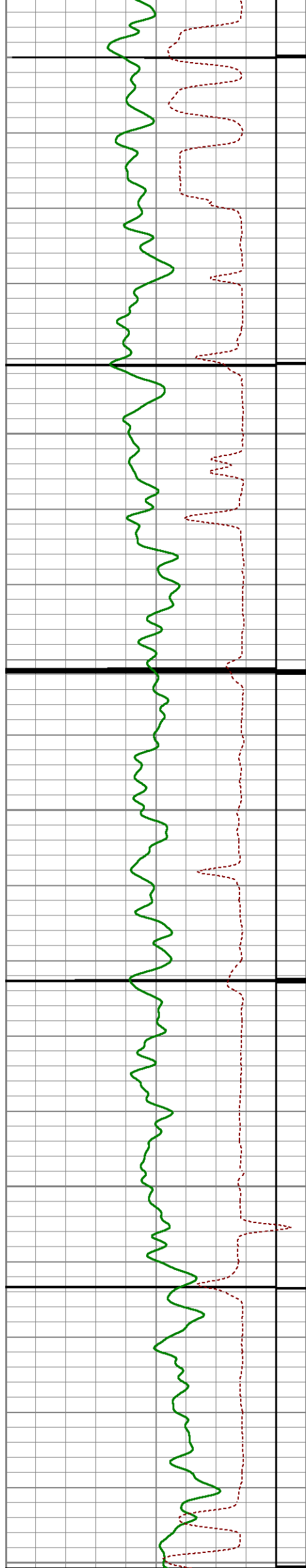
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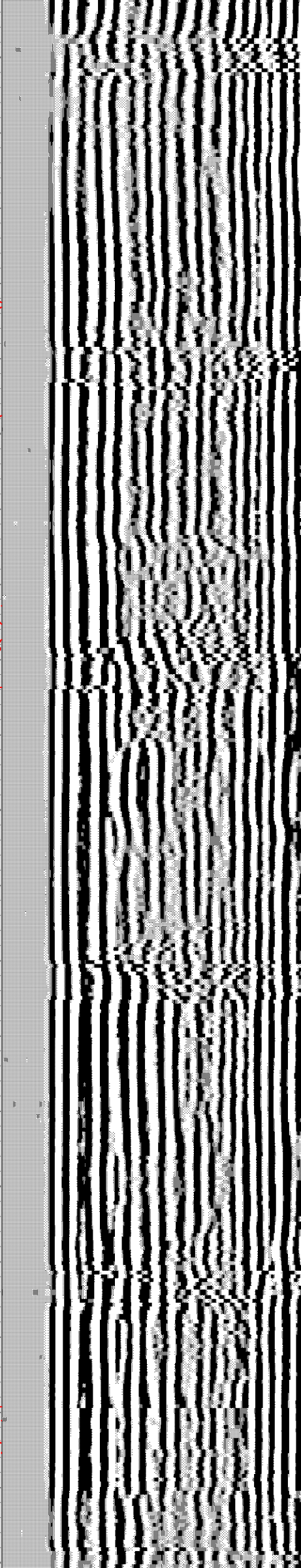
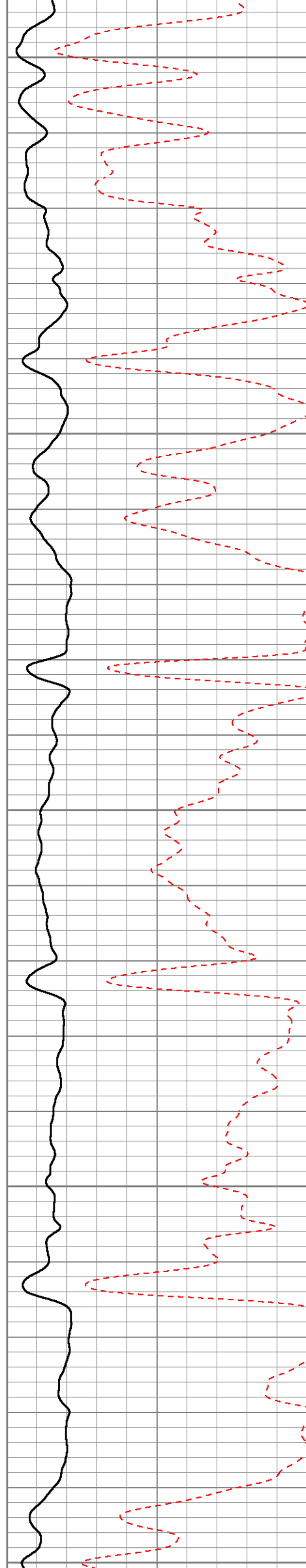
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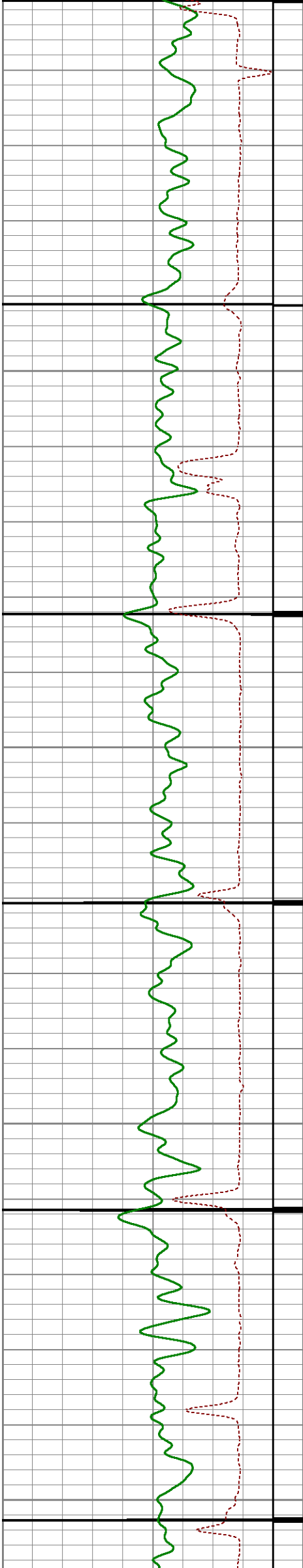
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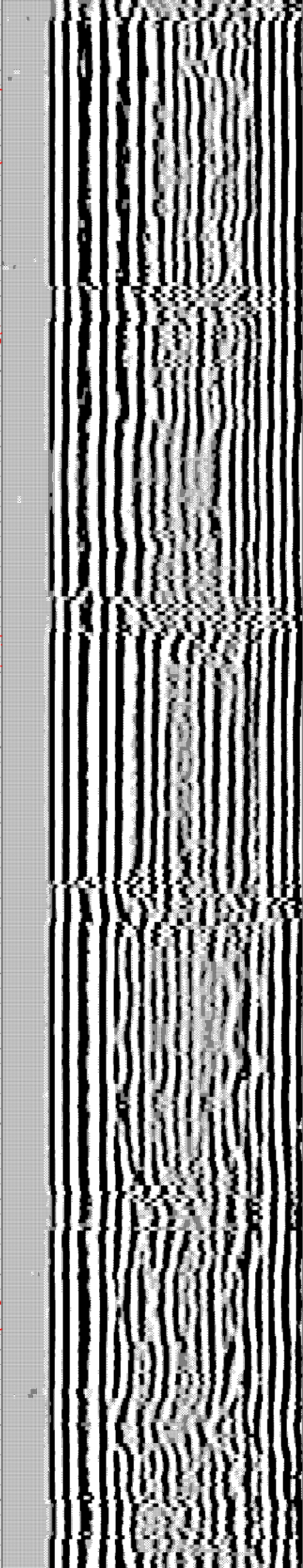
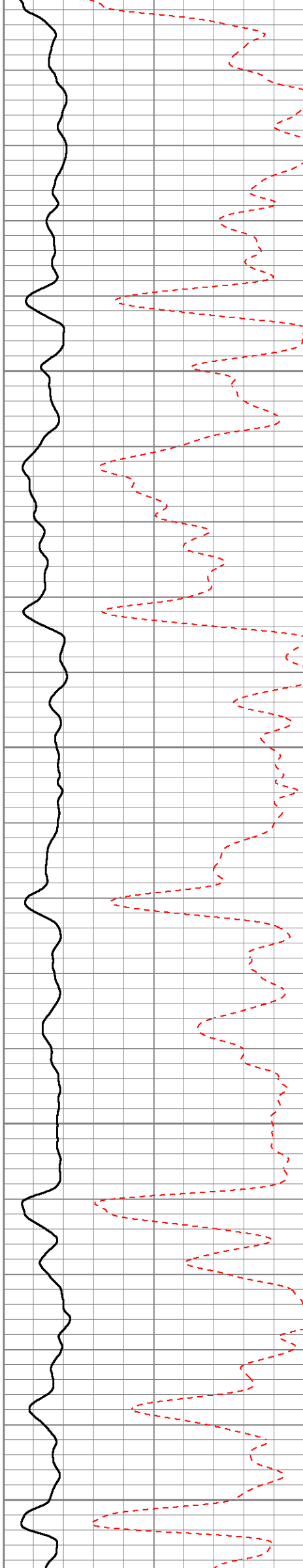


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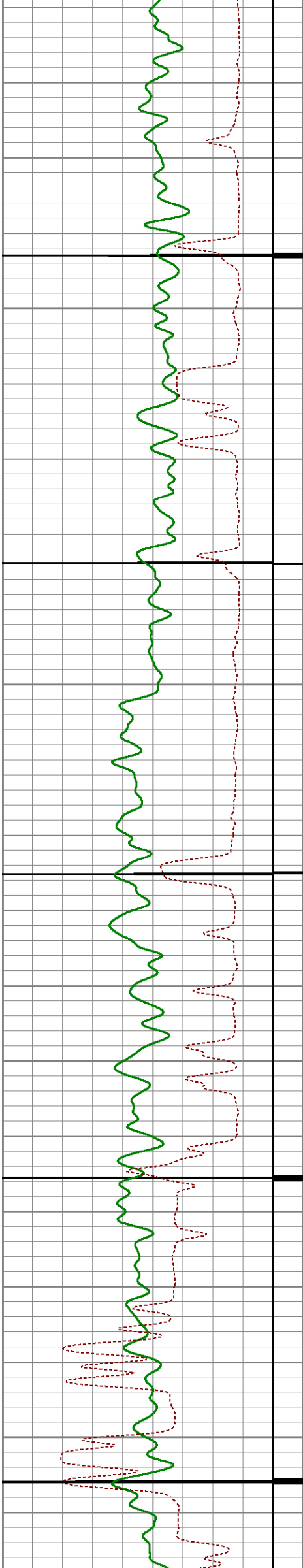
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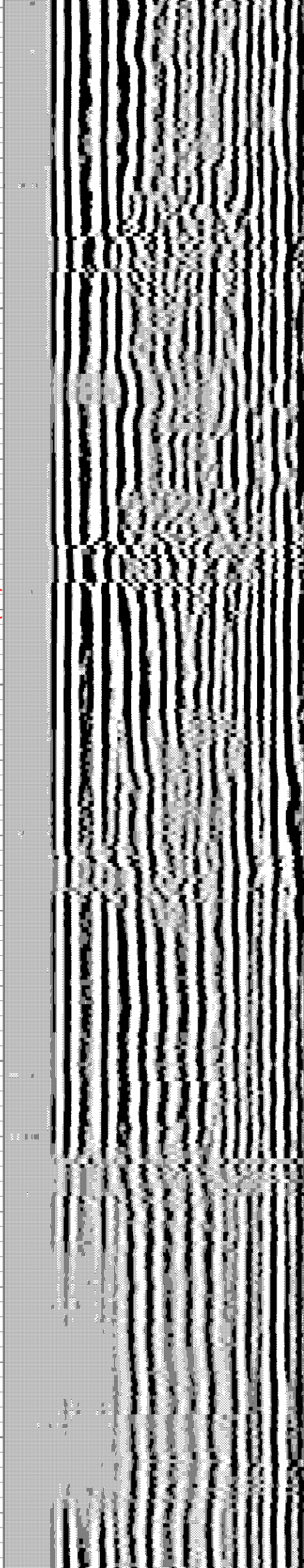
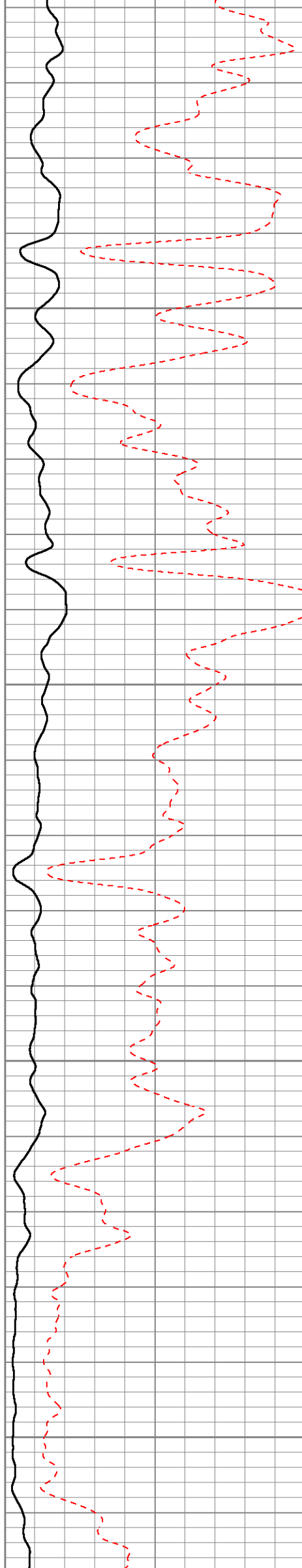


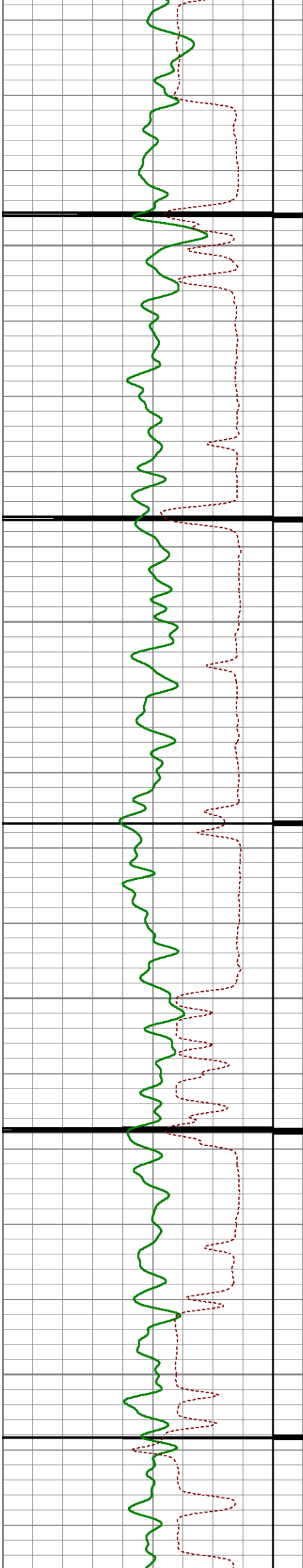
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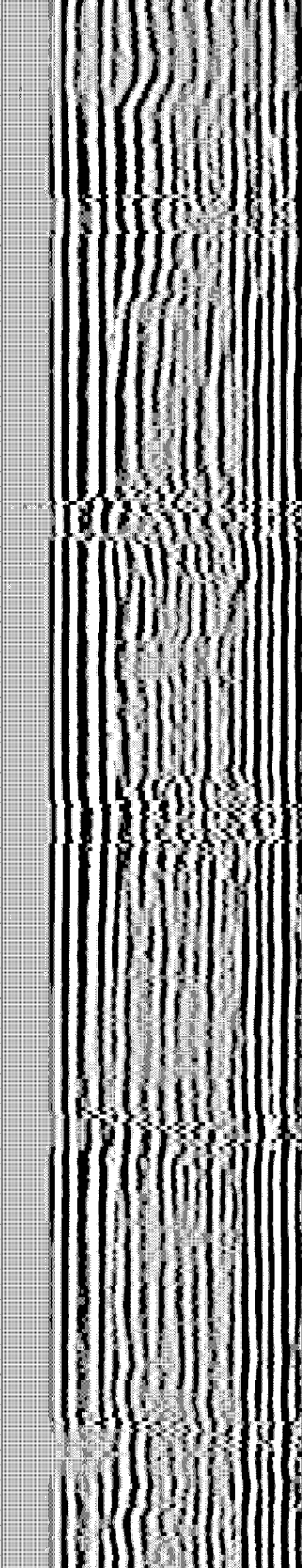
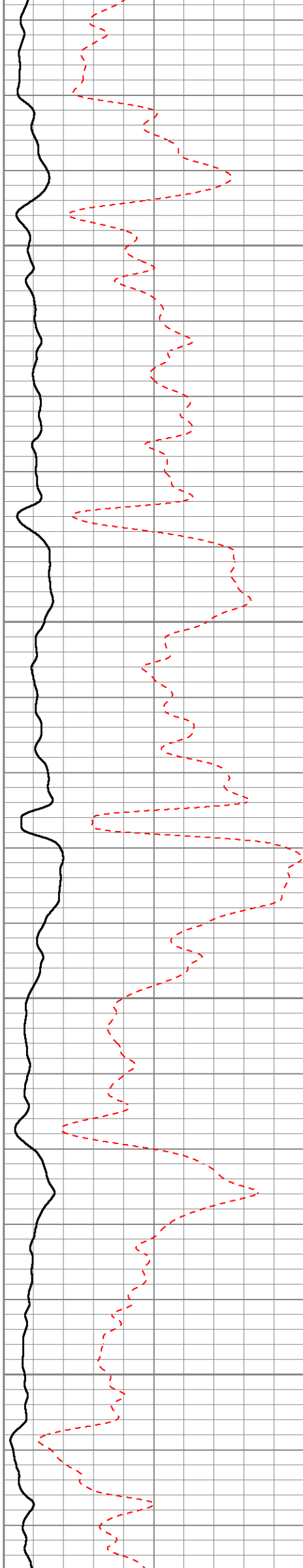


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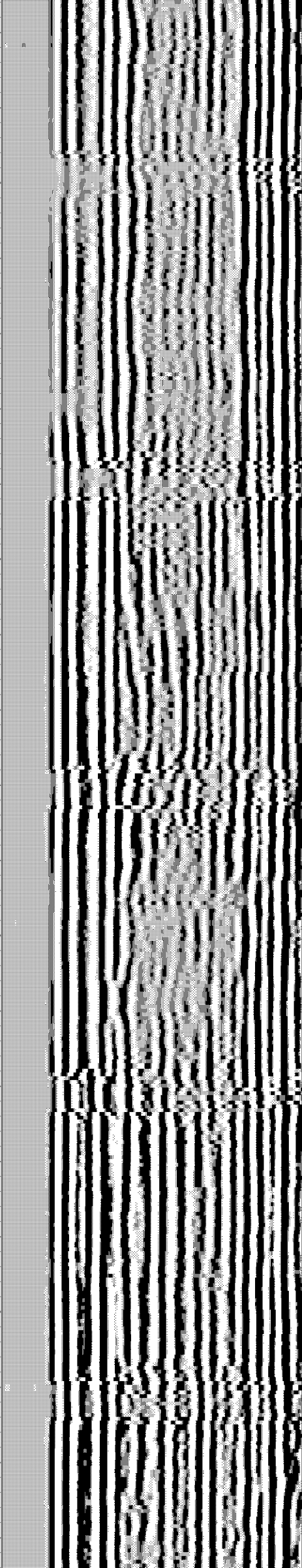
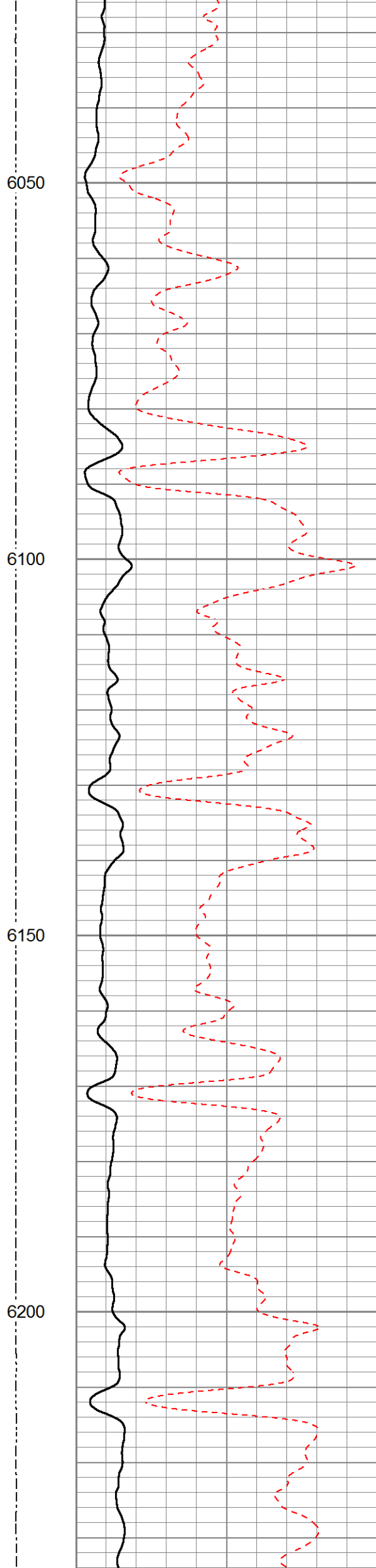
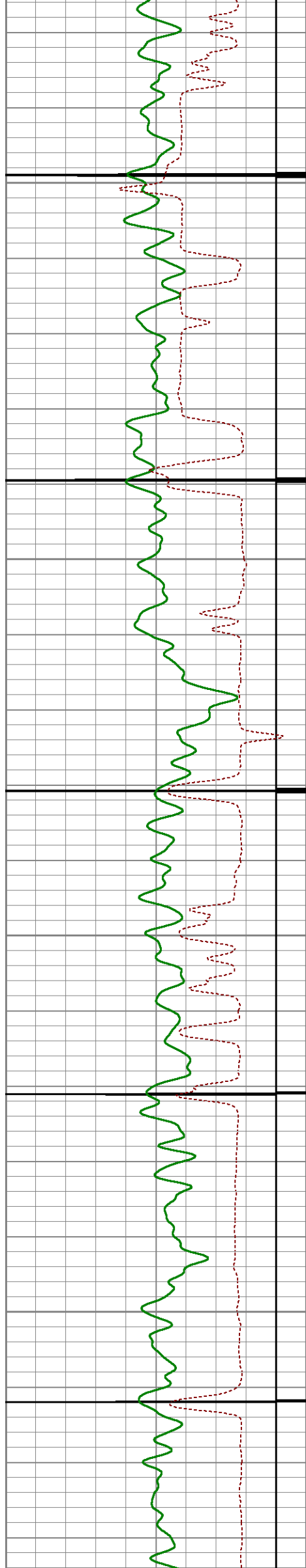
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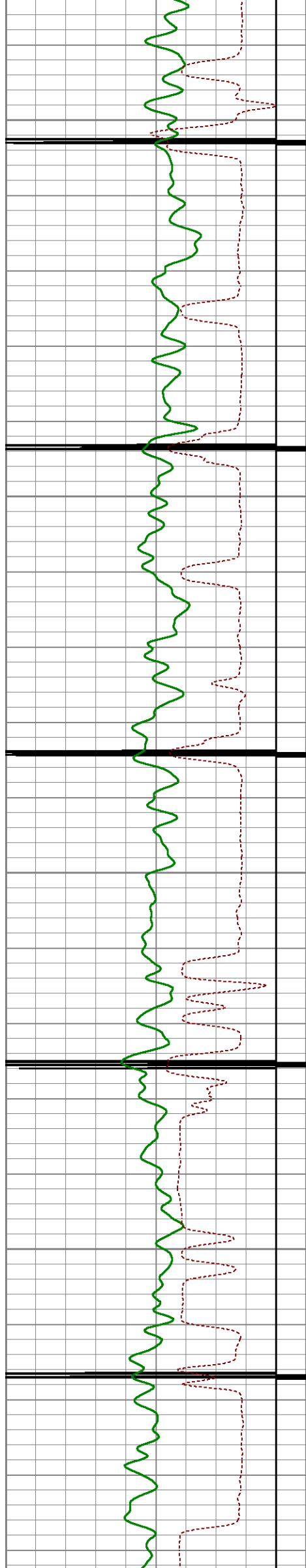
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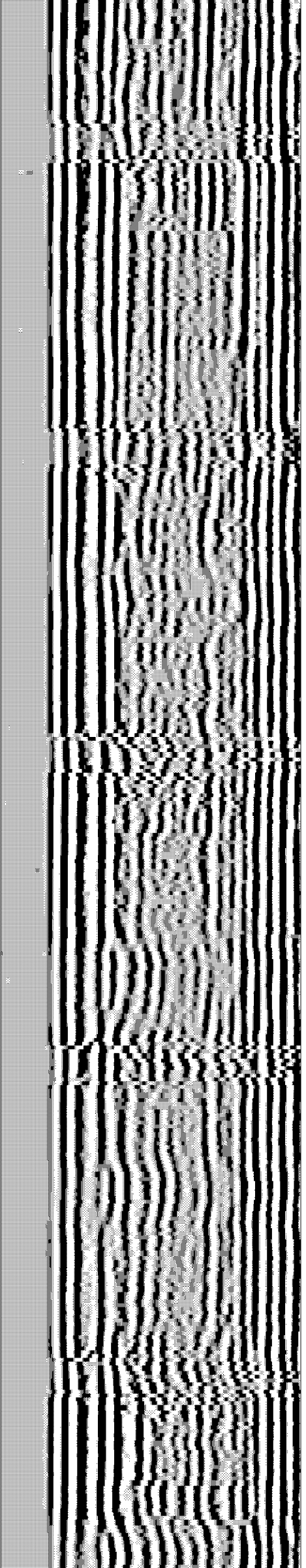
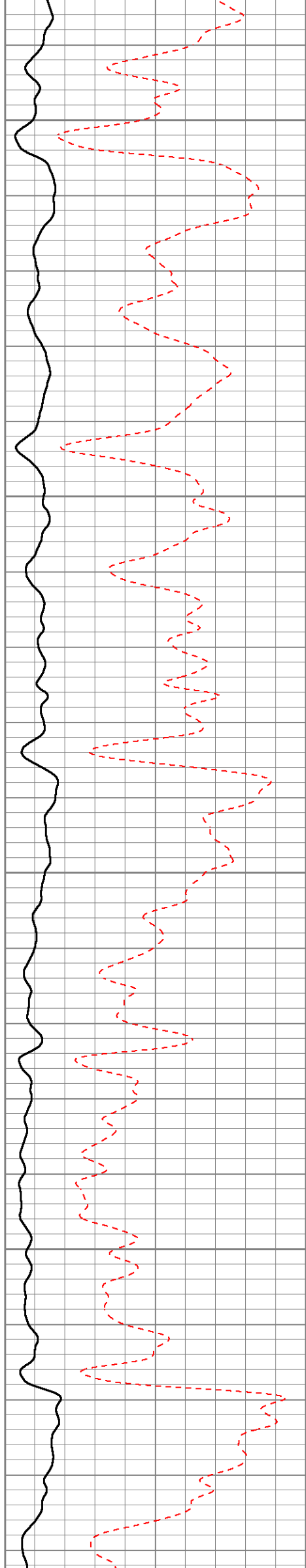


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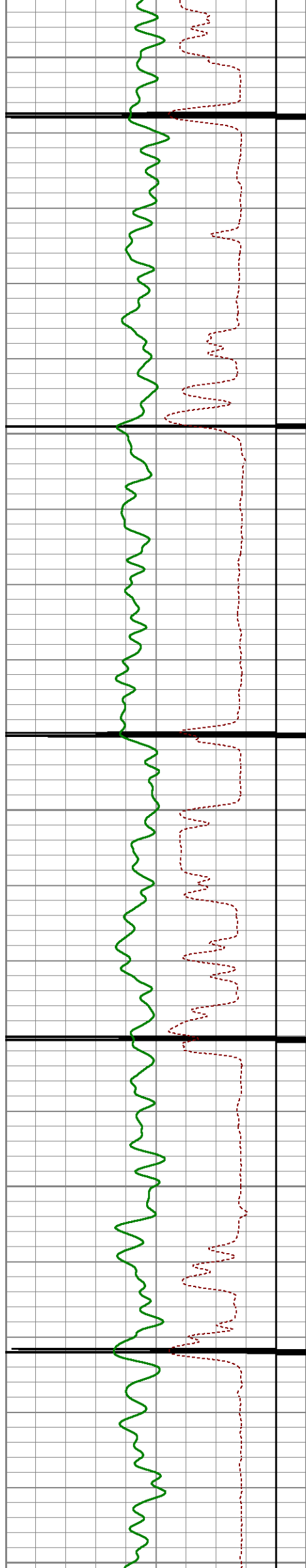
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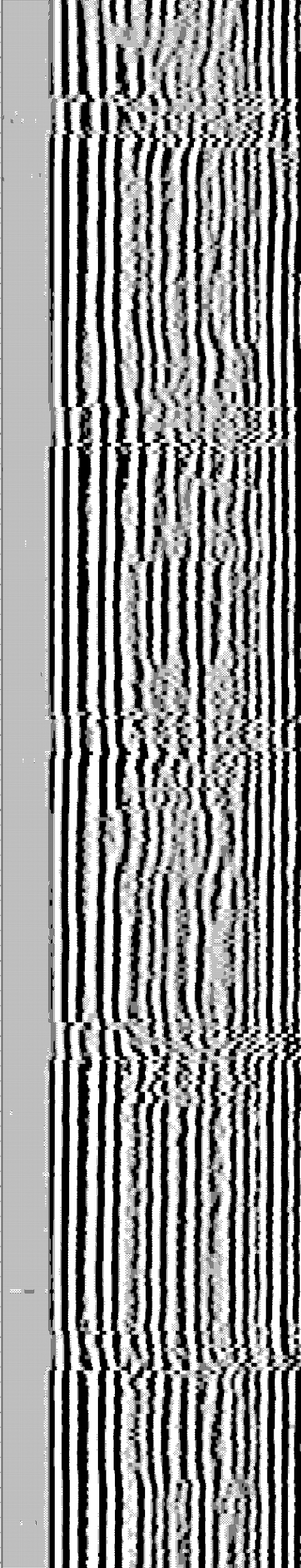
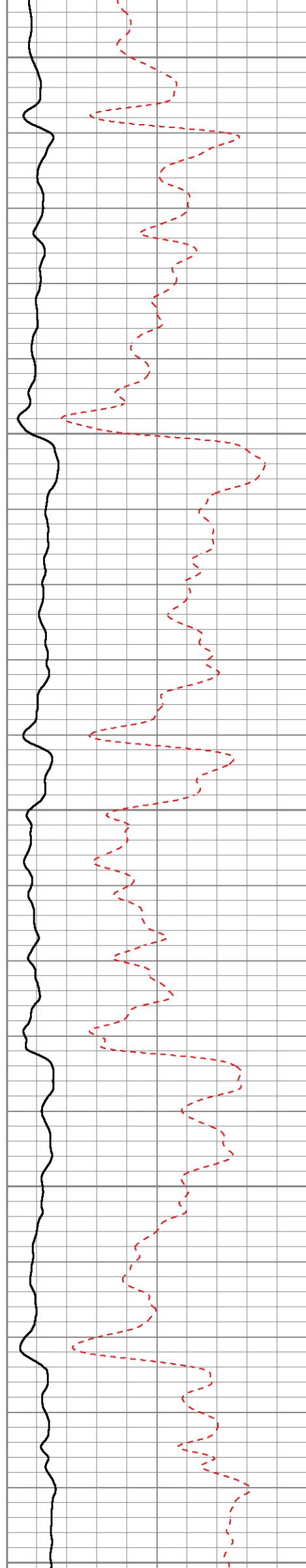
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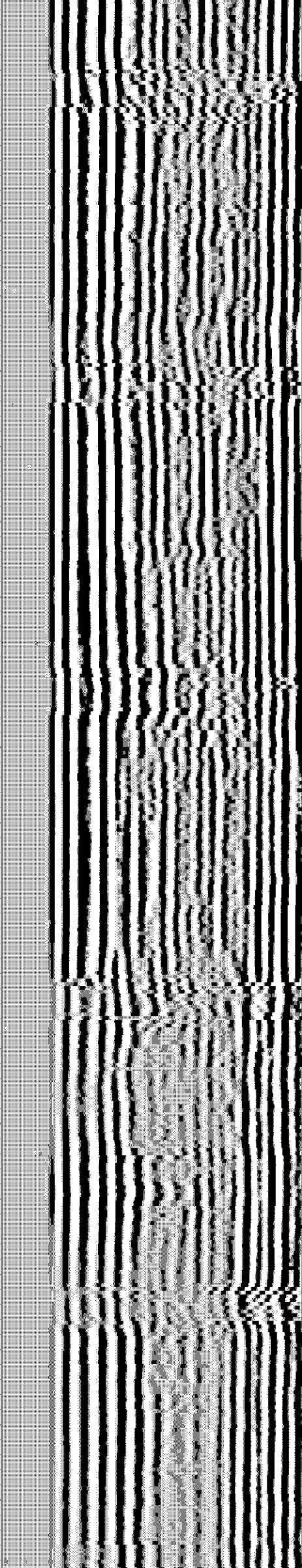
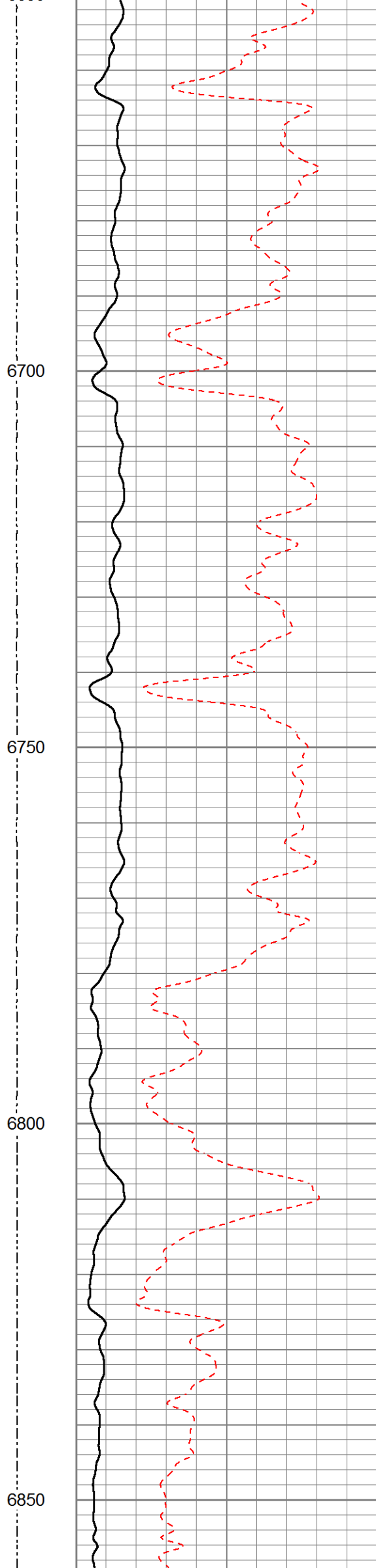
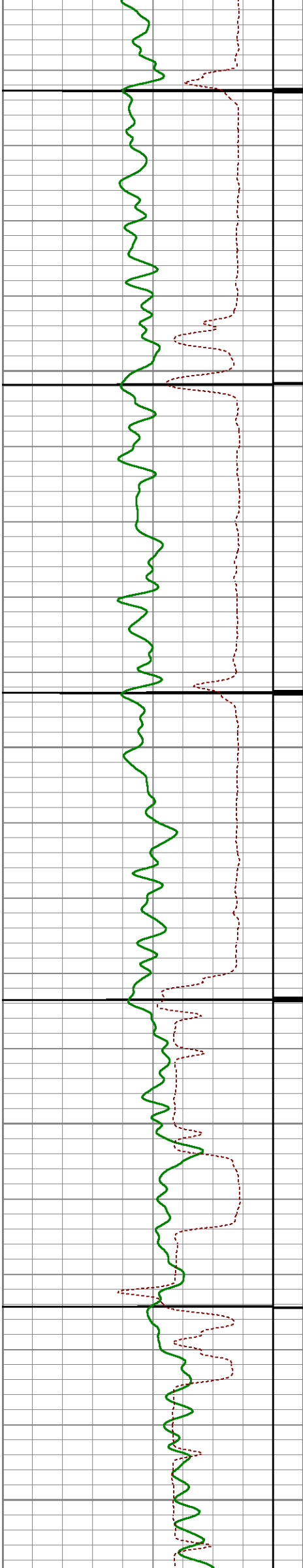
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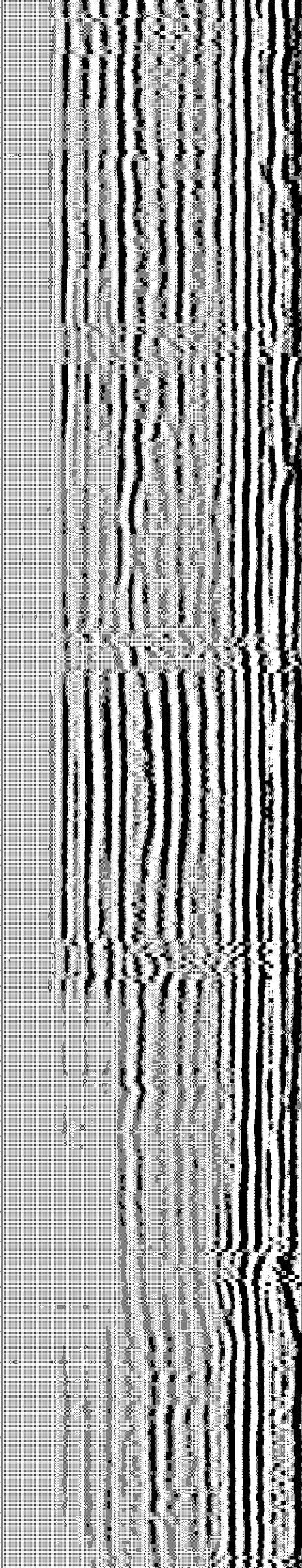
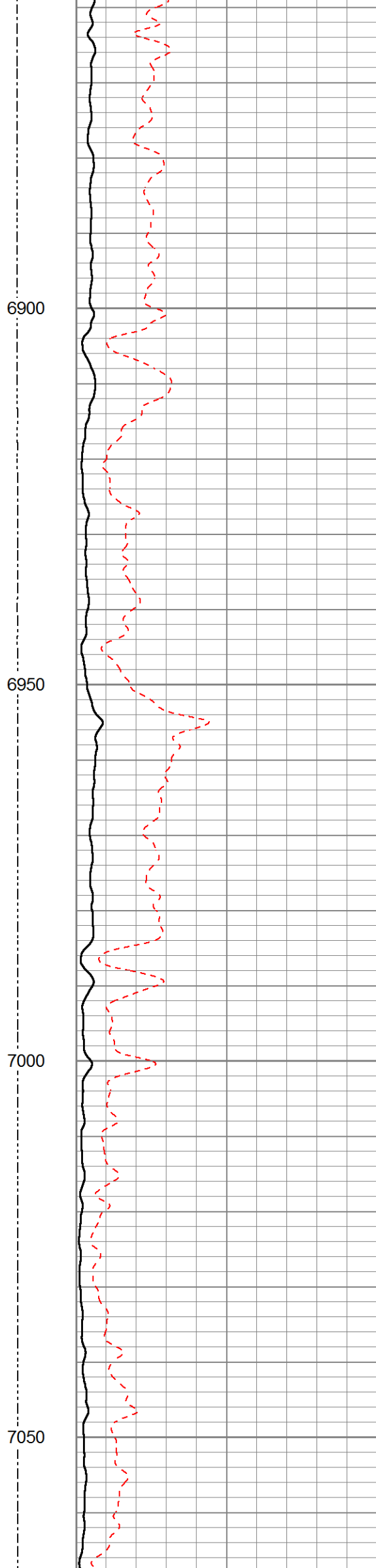
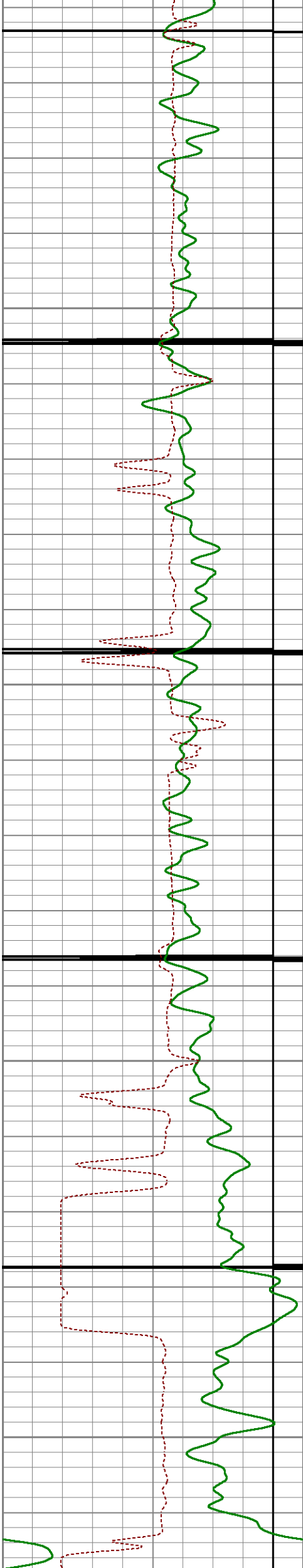
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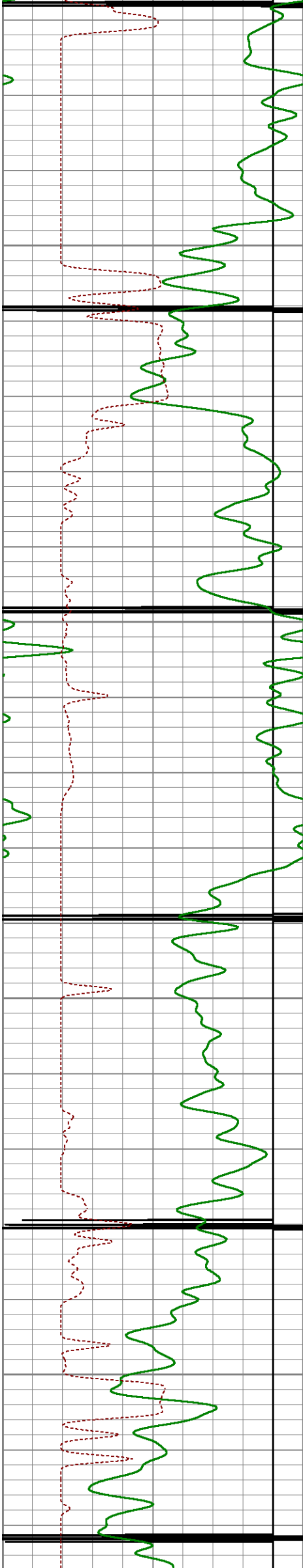
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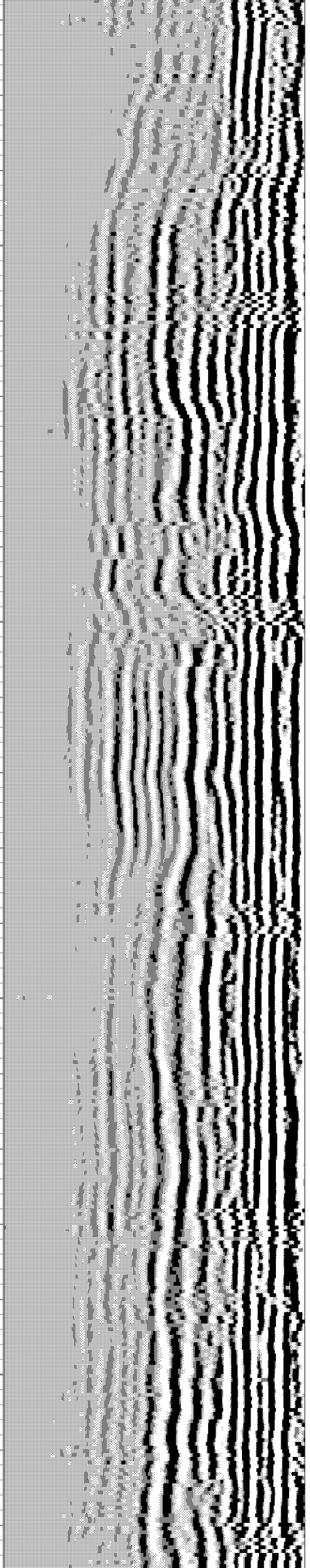
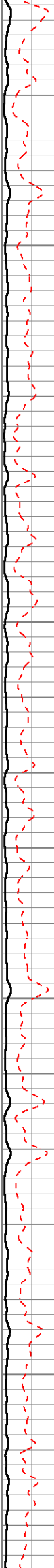


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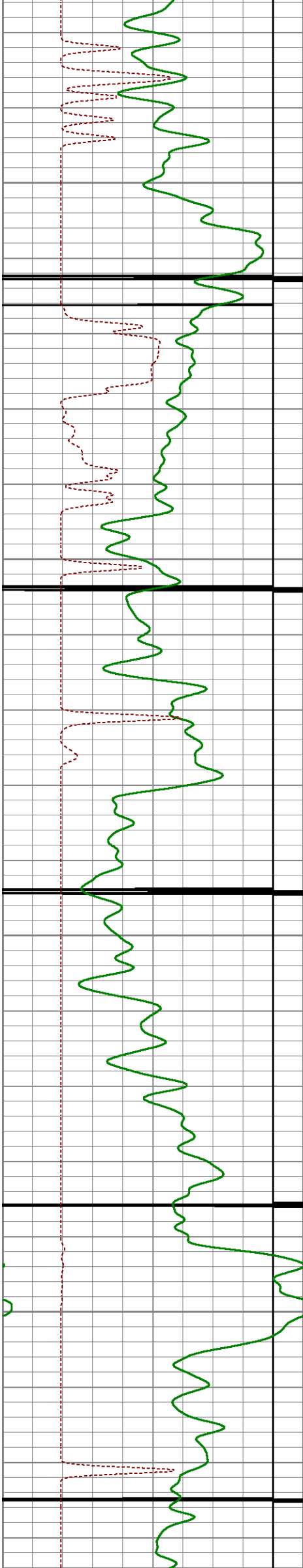
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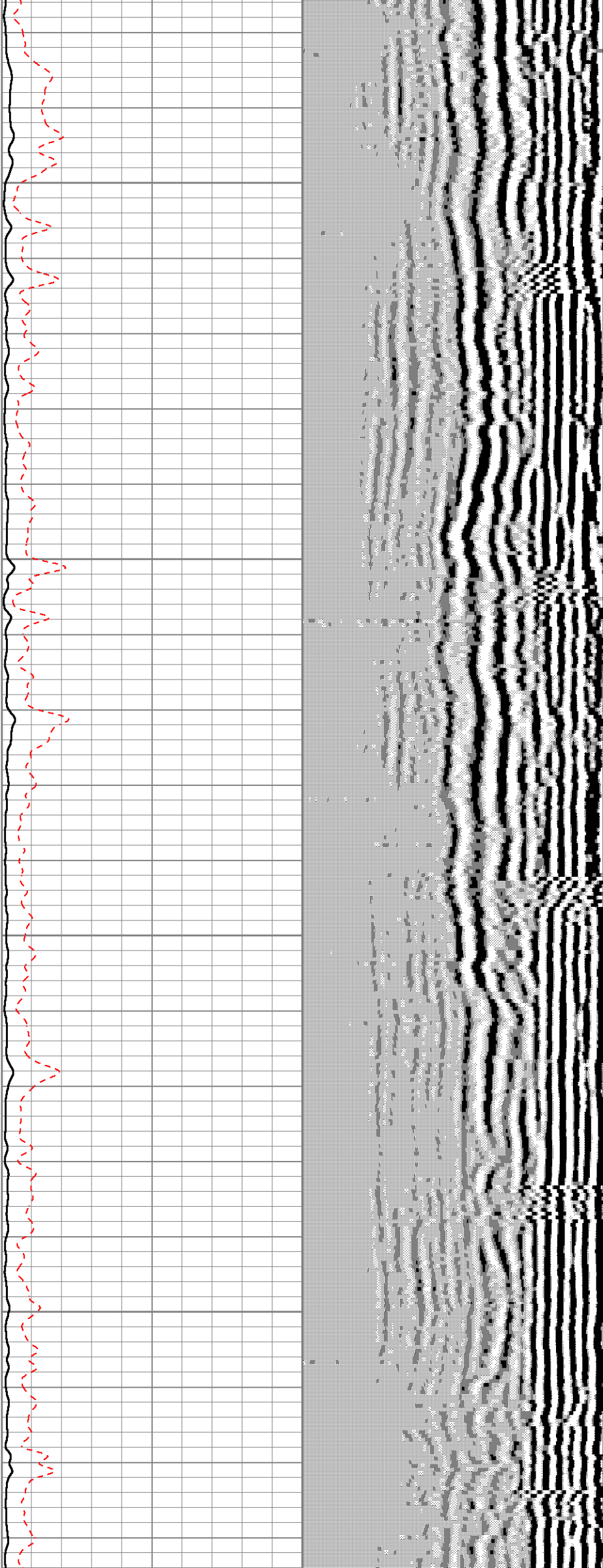


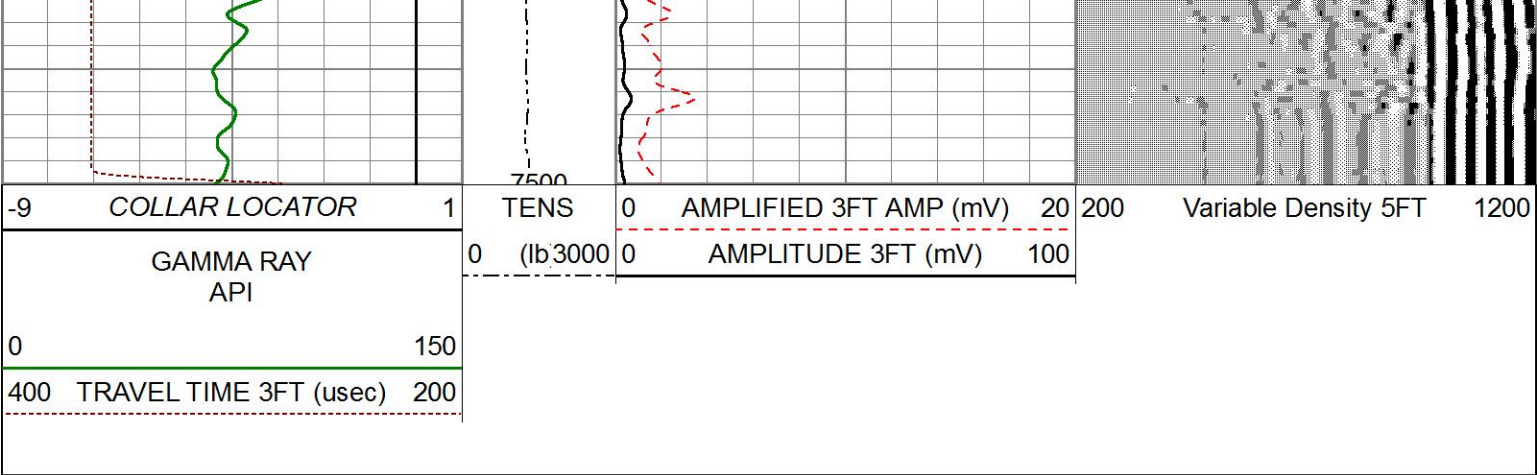
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7350

7400

7450





Weatherford®

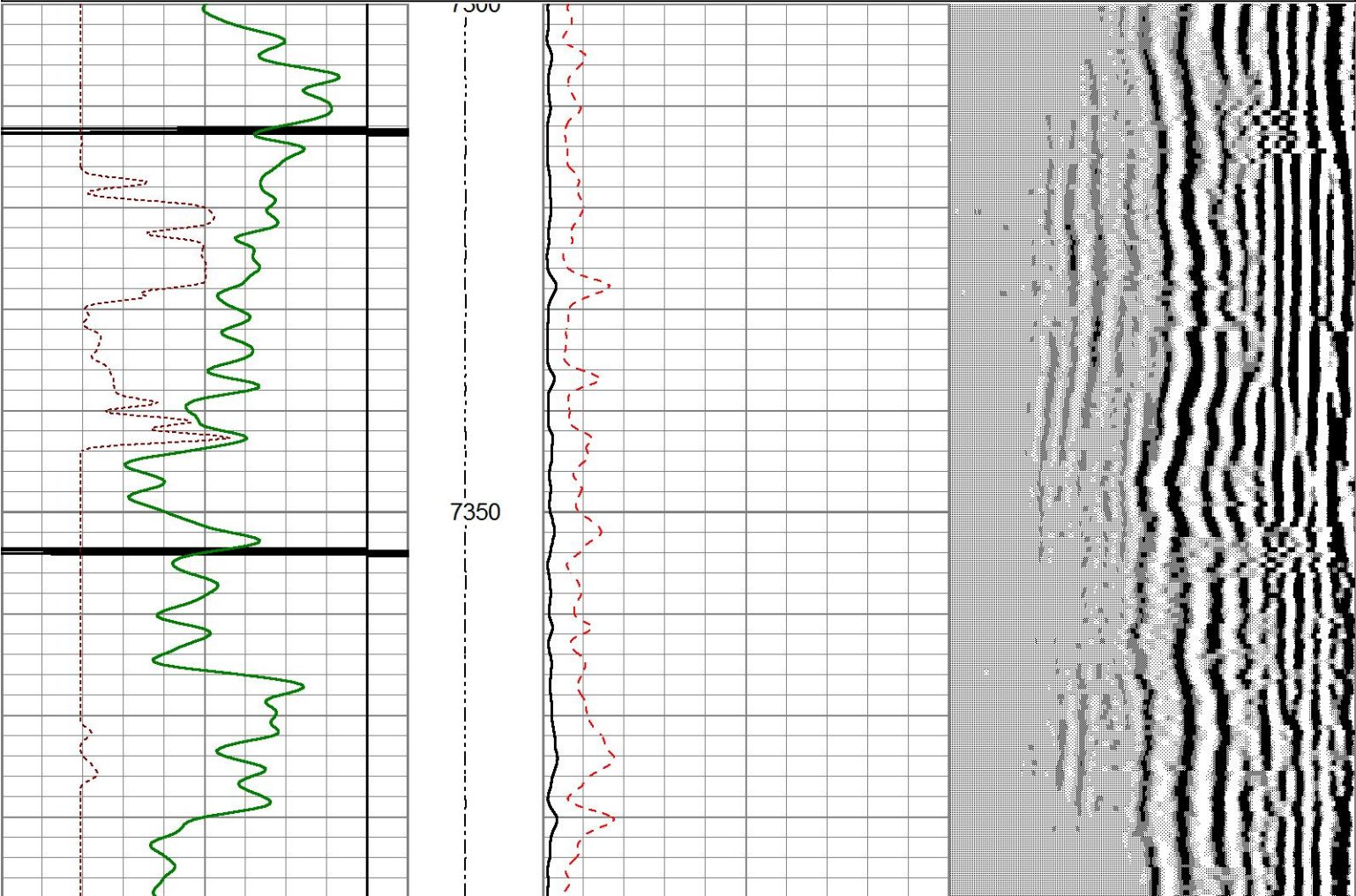
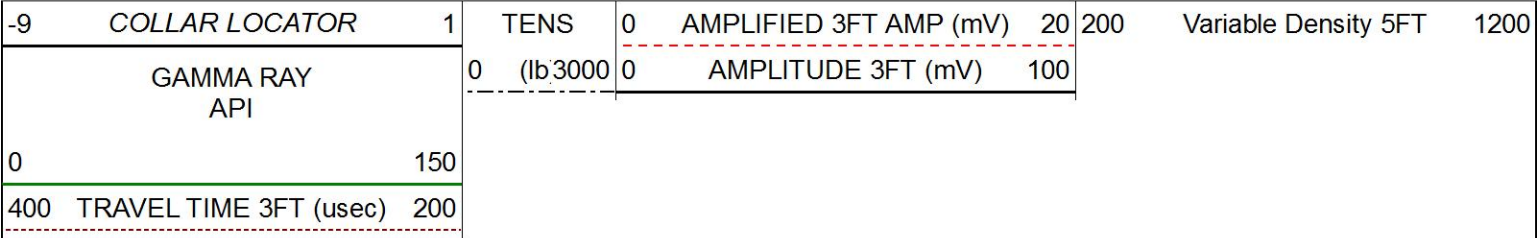
MAIN PASS  
3' 5' GR CCL VDL  
CEMENT BOND LOG



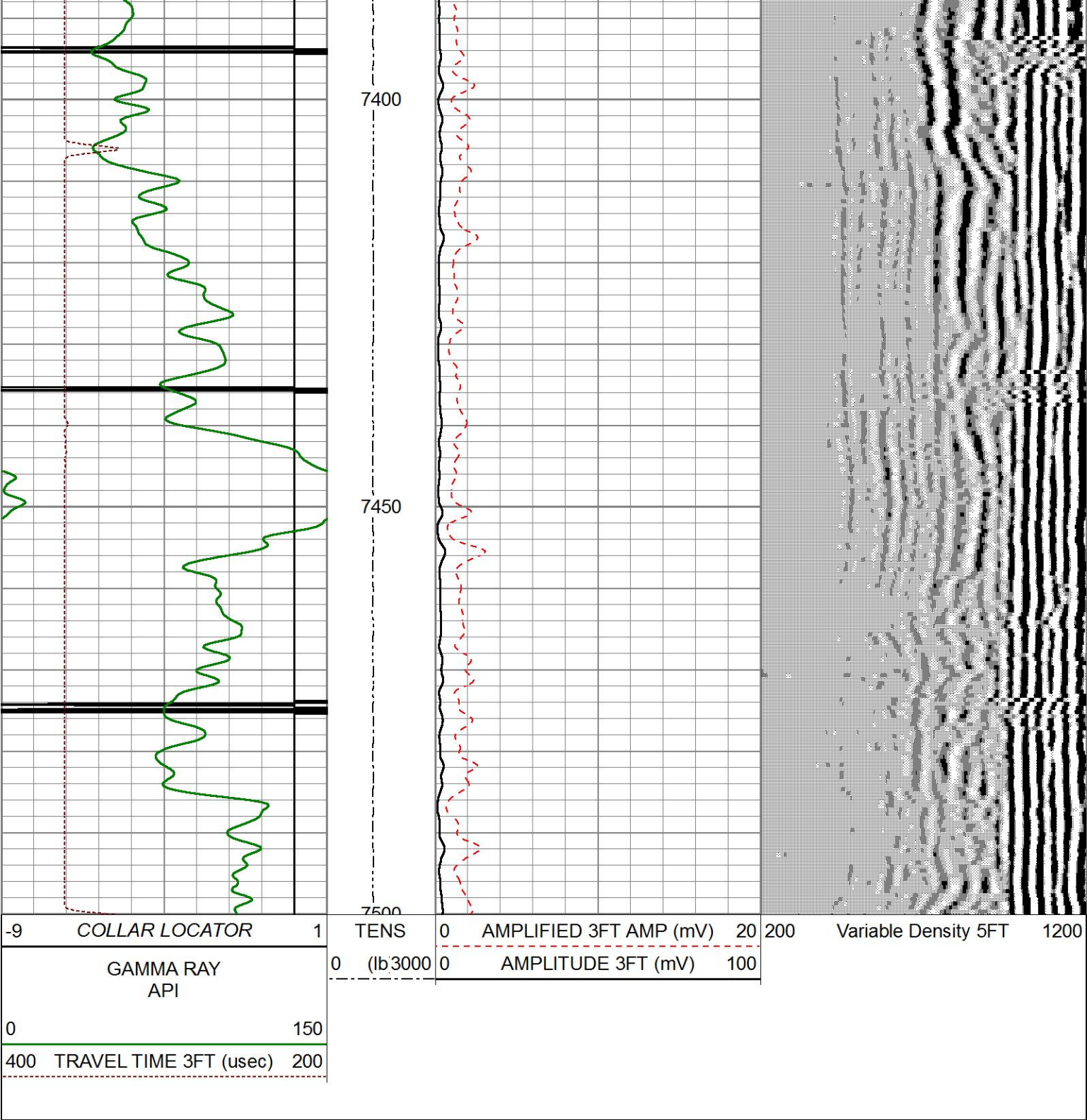
Weatherford®

REPEAT PASS  
3' 5' GR CCL VDL  
CEMENT BOND LOG

Database File waag22.db  
Dataset Pathname pass1.4  
Presentation Format gc3ft5ft  
Dataset Creation Wed Oct 14 22:42:21 2015  
Charted by Depth in Feet scaled 1:200

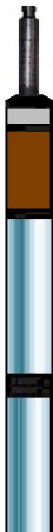






REPEAT PASS

3' 5' GR CCL VDL  
CEMENT BOND LOG

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
CCL	23.39		CHD-Weatherford	1.03	1.44	40.00
			CCLL-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
			SCBT-SCBT2.7H (SCBT2_7H-XXXX) 2 3/4" 350F/20K PSI COMPUTALOG SECTOR BOND TOOL	10.29	2.75    90.00
WVFS8	7.65				
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				
WVFCAL	2.67				
			CENT-2.75CCent 2 3/4" computalog cent	2.50	2.75    11.90
			BullPlug-BullPlug1	0.17	1.69    2.00
Dataset: waag22.db: field/well/run1/pass1.7 Total length: 25.22 ft Total weight: 195.80 lb O.D.: 2.75 in					