



RADIAL ANALYSIS BOND LOG

Baker Atlas

File No: WPX ENERGY

CH084517 FEDERAL NER 344-32

API No: RULISON

05045217790000 GARFIELD State COLORADO

Location

SHL: 189' FNL x 2605' FWL SEC 5 7S 93W

BHL: 424' FSL x 659' FWL SEC 32 6S 93W

SEC 32 TWP 6S RGE 93W

Other Services
RPM

32 6S 93W
RU 23-6 PAD
NABORS 576

Permanent Datum
GL Elevation 7603 ft

KB 26 ft Above P. D.

KELLY BUSHING

Elevations
KB 7629 ft

DF

GL 7603 ft

Log Measured From
Drill Measured From

Date	04/APR/14	
Run	ONE	
Service Order	US625373	
Depth Driller	10307 ft	
Depth Logger	10278 ft	
Bottom Logged Interval	10268 ft	
Top Logged Interval	26 ft	
Time Started	0830	
Time Finished	1230	
Operator Rig Time	4 HRS	
Type of Fluid in Hole	WATER	
Fluid Density	NA	
Salinity	NA	
Fluid Level	81 ft	
Logged Cement Top	NA	
Wellhead Pressure	0 psi	
Maximum Hole Deviation	NA	
Nominal Logging Speed	65 fpm	
Maximum Recorded Temperature	244 degF	
Reference Log	NONE	
Reference Log Date	NA	
Equipment No.	4271	GRAND JCT
Recorded By	FLOYD RENEAU	
Witnessed By	JEFF DUCY	

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In making interpretations of logs, our employees will give the customer the benefit of their best judgement. But since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the customer resulting from any interpretation made by any of our employees.

Borehole Record		
Bit Size	From	To
13.5 in	26 ft	1132 ft
8.75 in	1132 ft	10307 ft

Casing Record				
Size	Weight	Grade	From	To
9.625 in			26 ft	1132 ft
4.5 in	11.6 lbm/ft	P-110	26 ft	10307 ft

Remarks
All data on this log is shifted using the CCL curve to put the wellhead (top CCL mark) on depth with ground level elevation at the client's request.
The amount of linear shift is 12 feet.
Logged with zero PSI at wellhead.
BHT = 244°F
SJ = 6924'- 6946'

Equipment Data					
Run	Trip	Tool	Series Number	Serial Number	Position
1	1	VDL	1426XA	10218496	CENT
1	1	GRCCCL	2459XA	10417456	CENT

PRIMARY PRESENTATION
0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	36.187	10282.000
RAL	Amp Gate Start Near	195.000	usec	36.187	10282.000
RAL	Amp Gate Start Radial	195.000	usec	36.187	10282.000
RAL	Amp Gate Width Far	25.000	usec	36.187	10282.000
RAL	Amp Gate Width Near	25.000	usec	36.187	10282.000
RAL	Amp Gate Width Radial	25.000	usec	36.187	10282.000
RAL	casing od	4.500	inches	36.187	10282.000
RAL	casing wt	11.600	lbm/ft	36.187	10282.000
RAL	FB Start Far	291.900	usec	36.187	10282.000
RAL	FB Start Near	180.000	usec	36.187	10282.000
RAL	FB Start Radial	180.000	usec	36.187	10282.000
RAL	FB Thresh Far	15.000	mv	36.187	10282.000
RAL	FB Thresh Near	10.000	mv	36.187	10282.000
RAL	FB Thresh Radial	10.000	mv	36.187	10282.000
RAL	Fluid Travel Time	200.000	usec/ft	36.187	10281.593

DEPTH OFFSETS							
(for Acquired Curves)							
SERIES	DEPTH OFFSET	ACQUIRED CURVES					
1426XA	-16.750	ACAL	ANR	AR1	AR2	AR3	AR4
		AR5	AR6	AR7	AR8	CHV	FPR2

FPR3	FPR5	TT3	TTR1	TTR2	TTR3
TTR4	TTR5	TTR6	TTR7	TTR8	XAMP
AFAR	SIG	TT5			
CCL					
GR					
NEU					

Plotted by : PlotMgr, v5.4.504

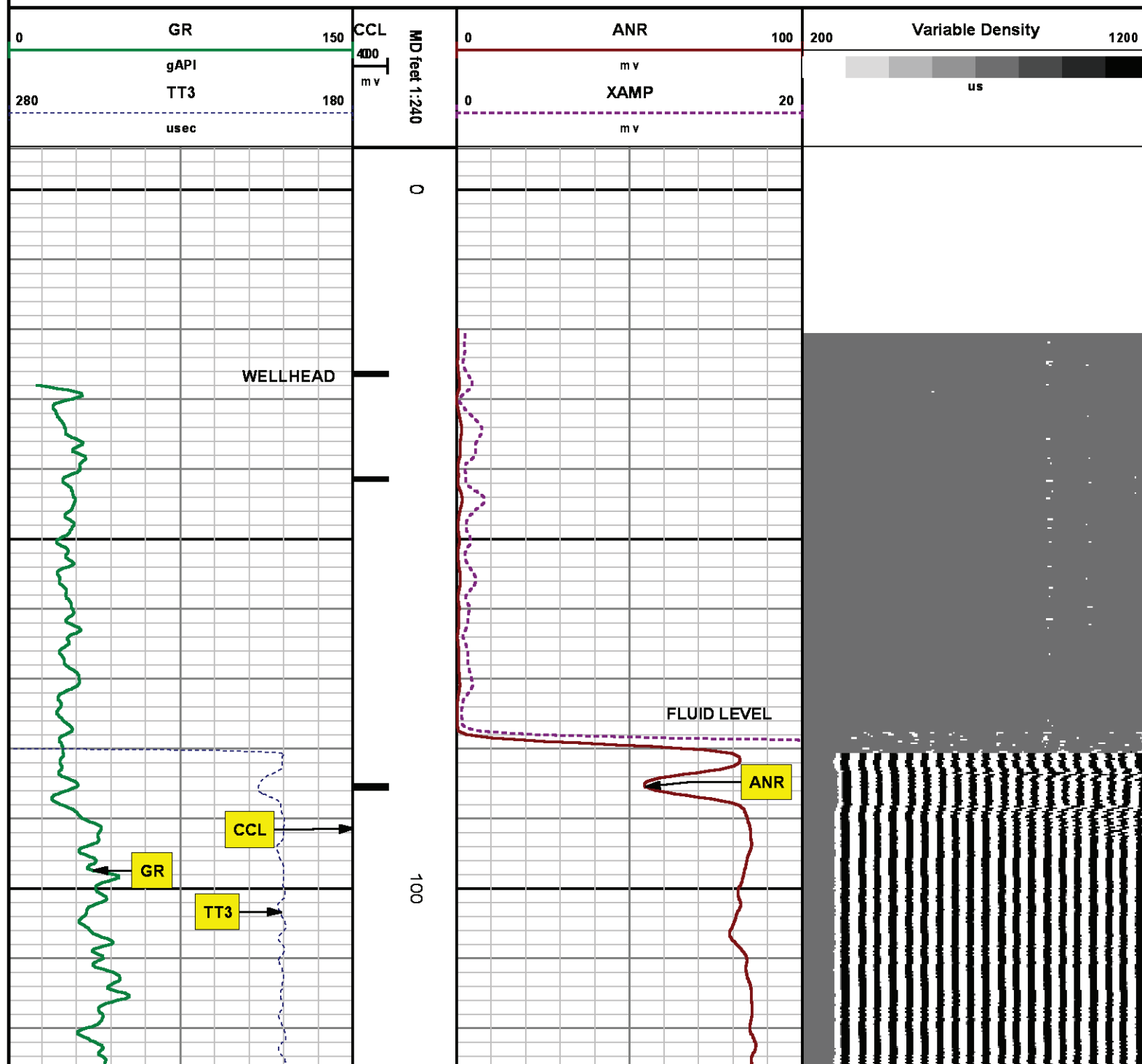
Well : FEDERAL NER 344-32

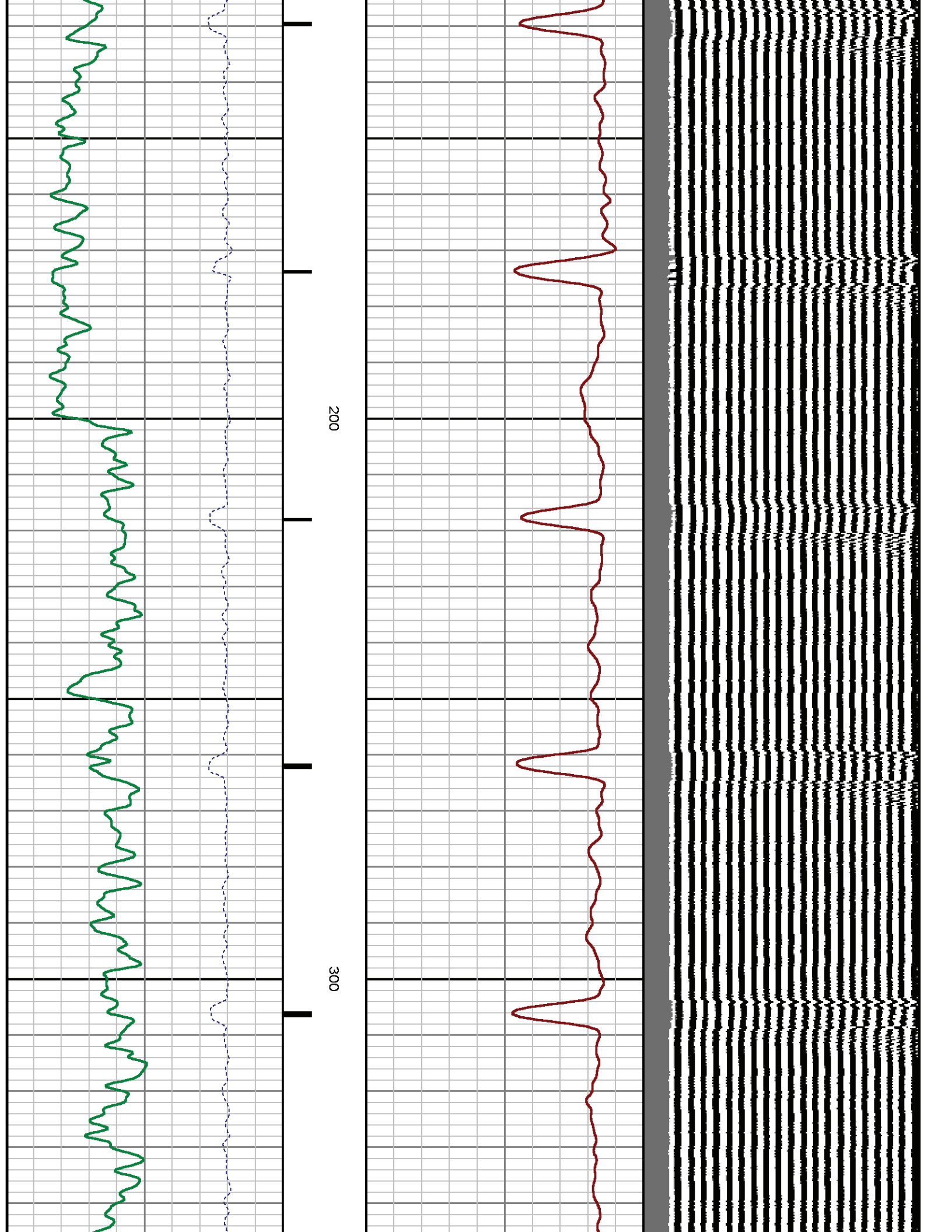
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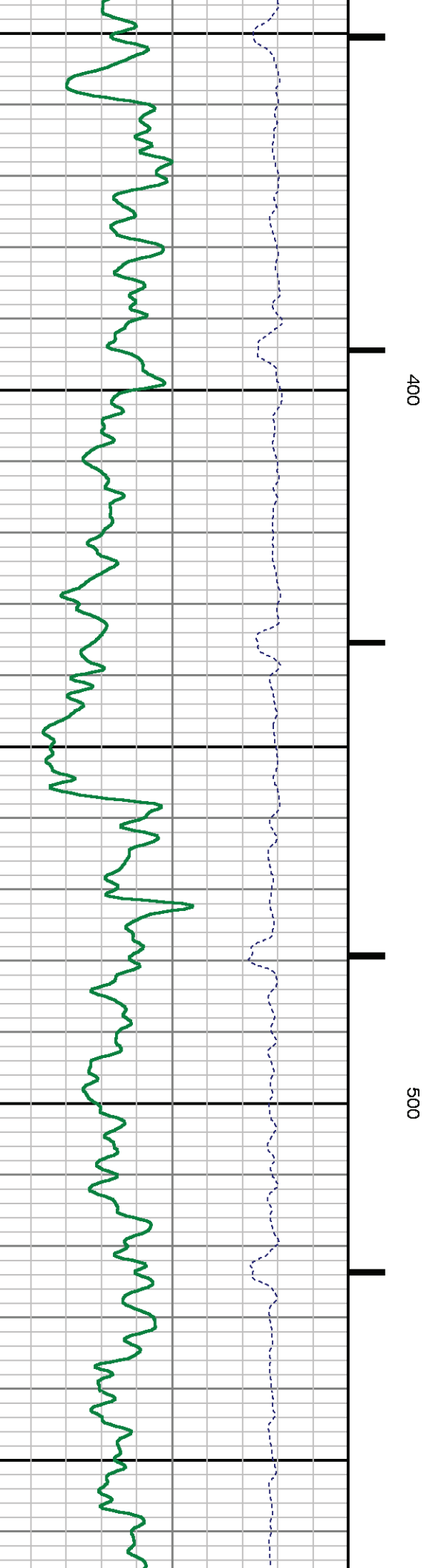
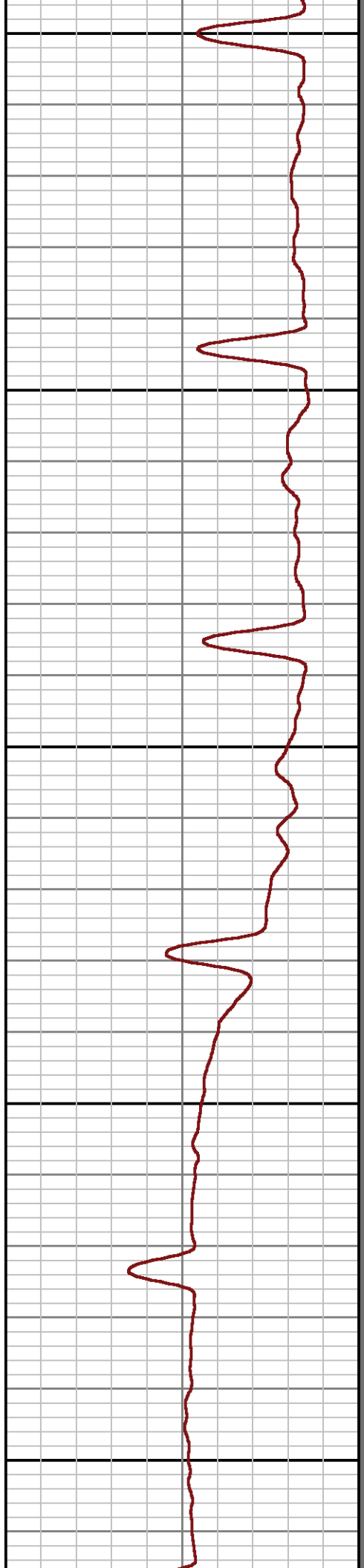
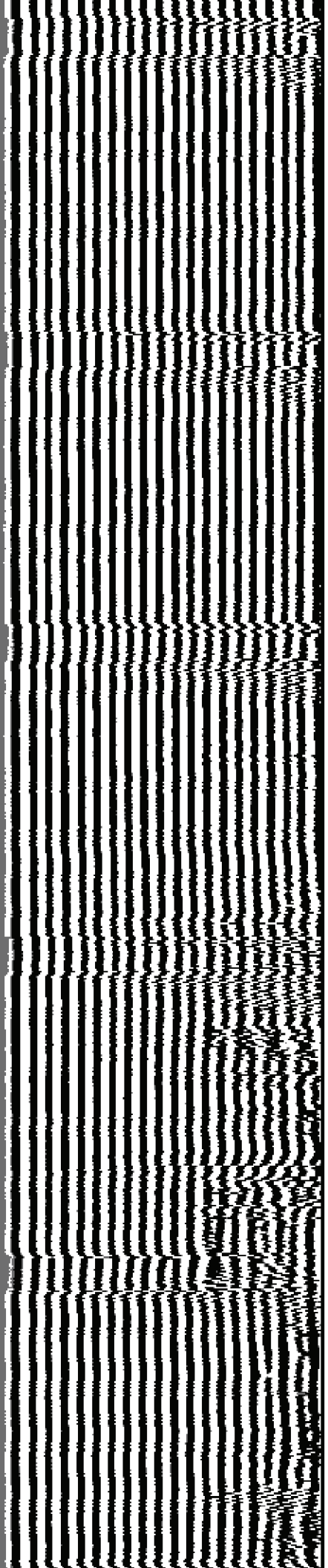
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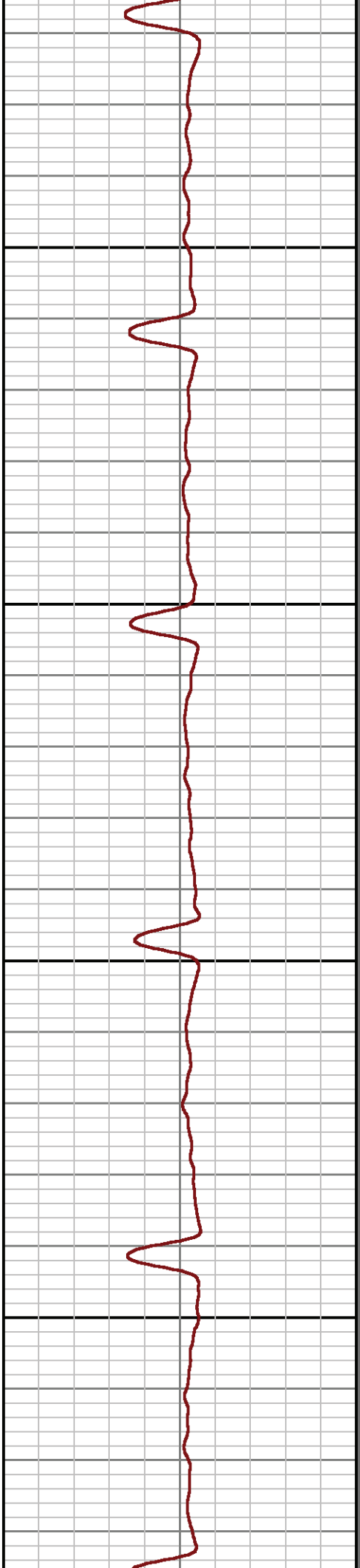
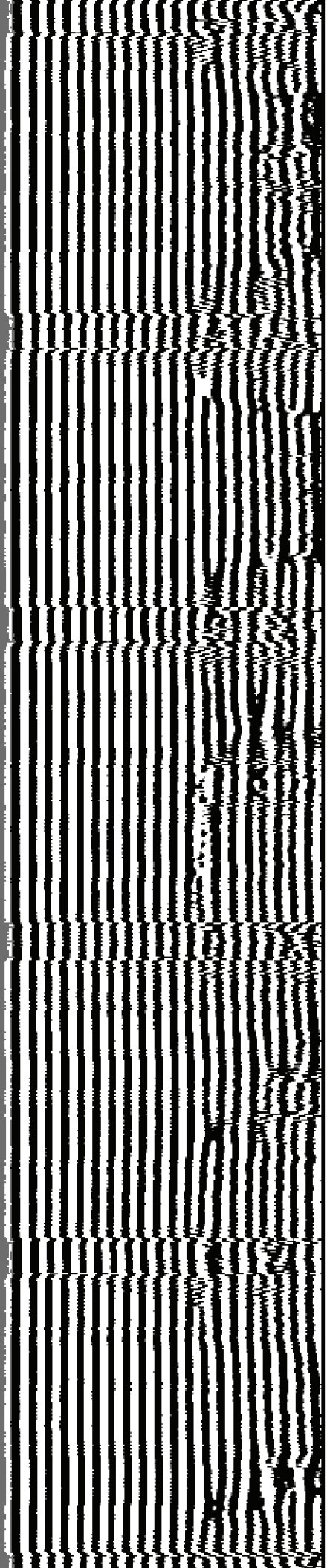
Interval : -6.00 - 10282.00 feet UP

Created : 4/4/2014 9:35:57 AM



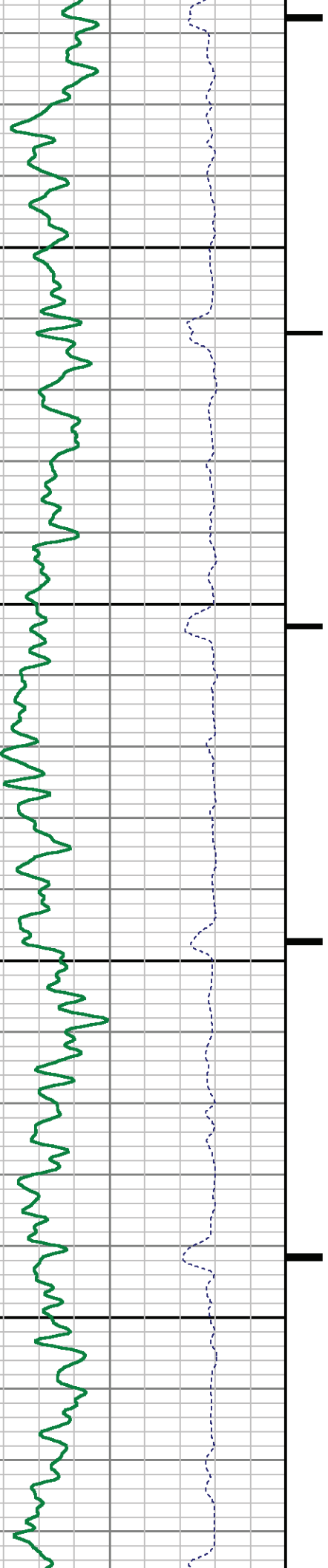


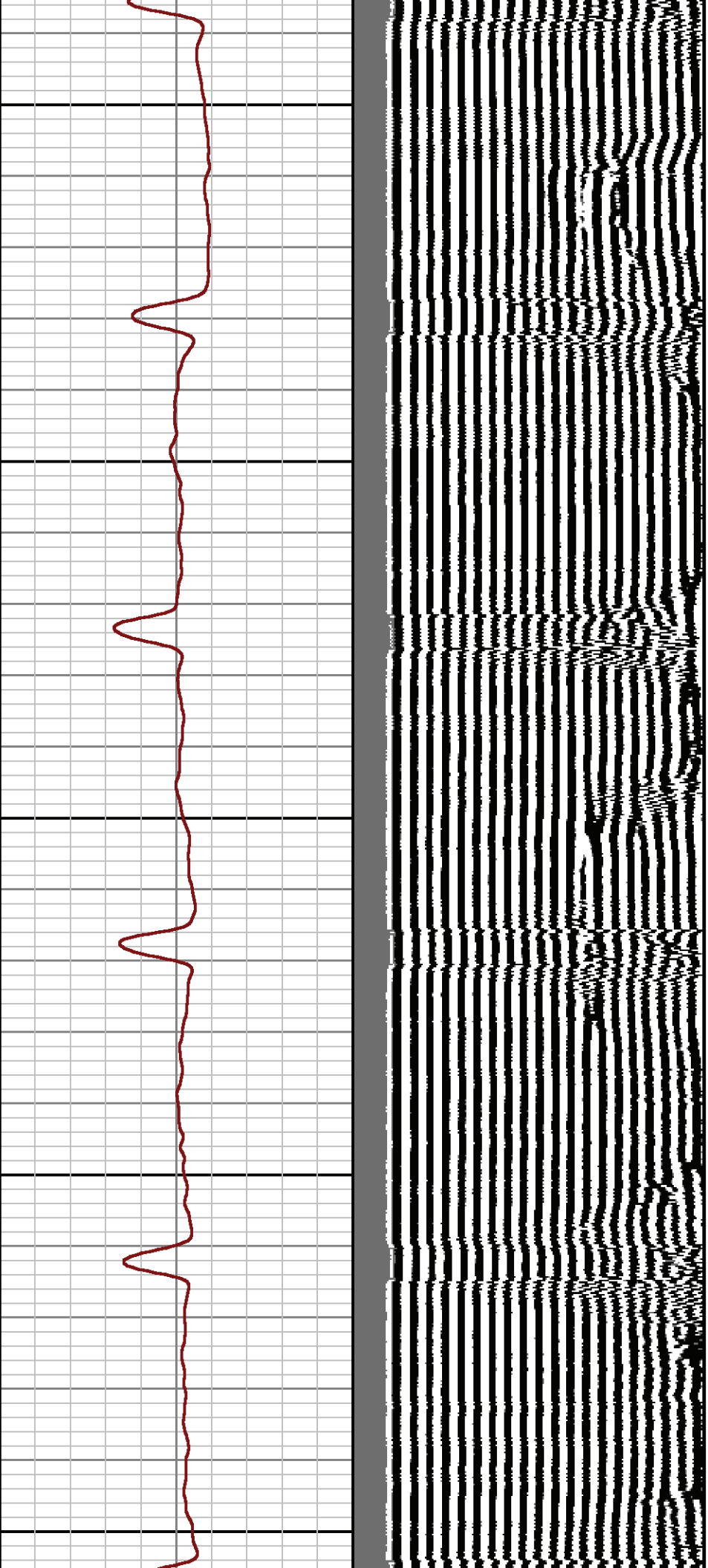




600

700

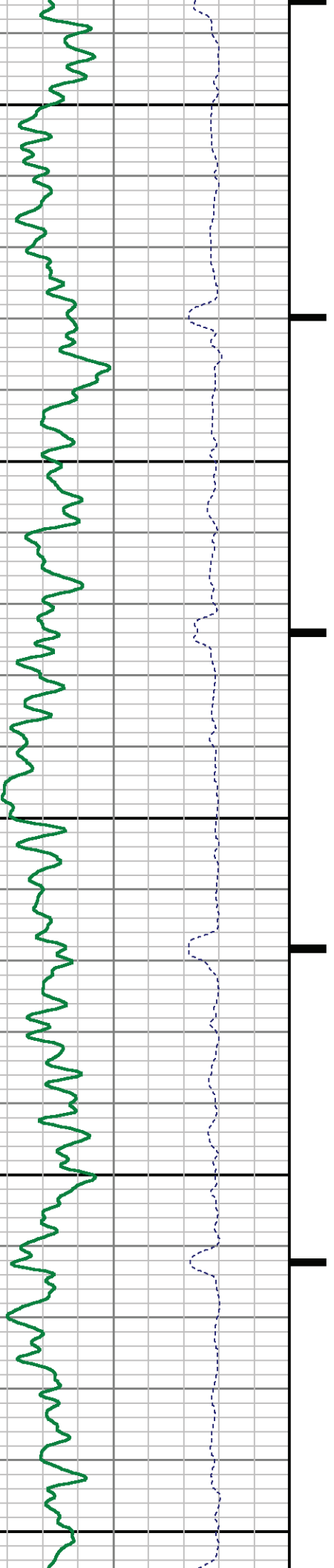


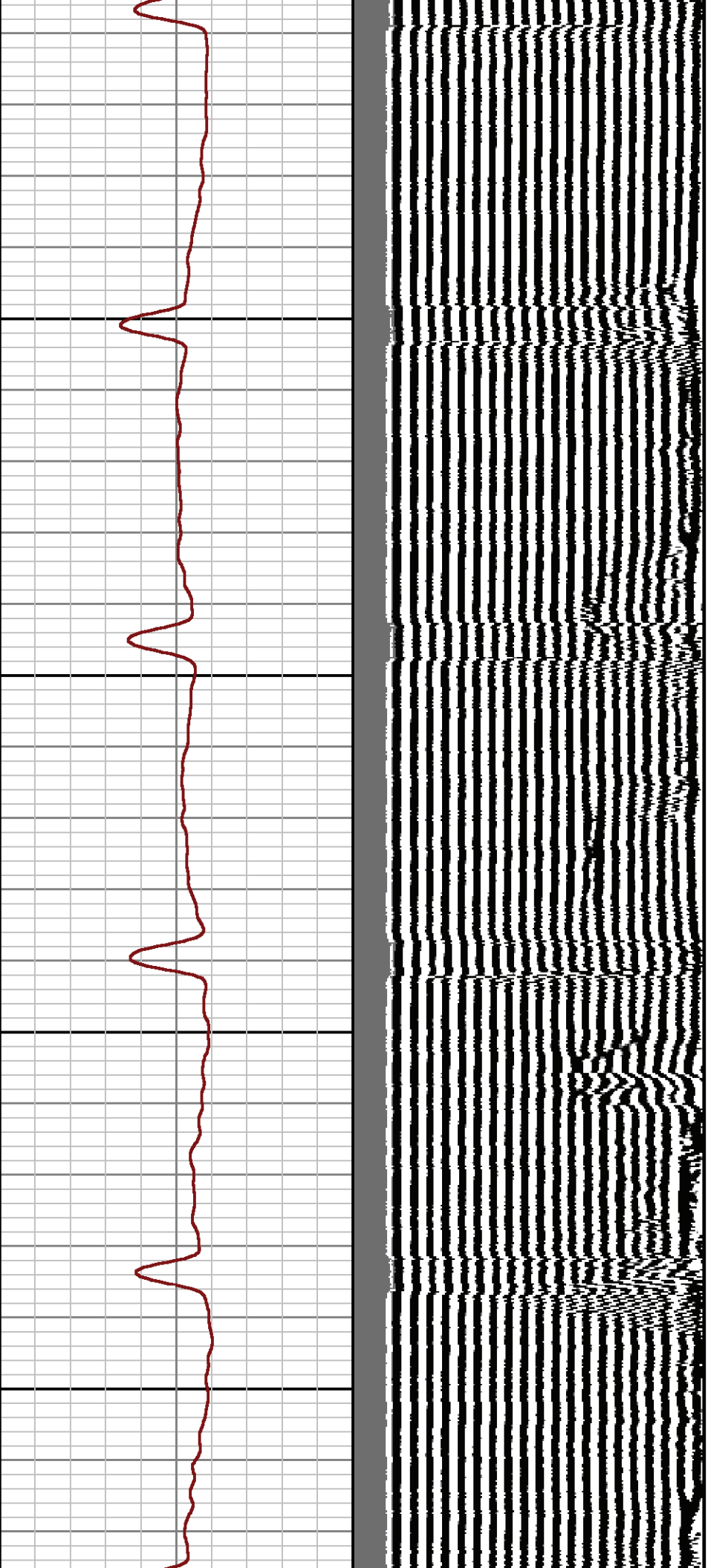


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900

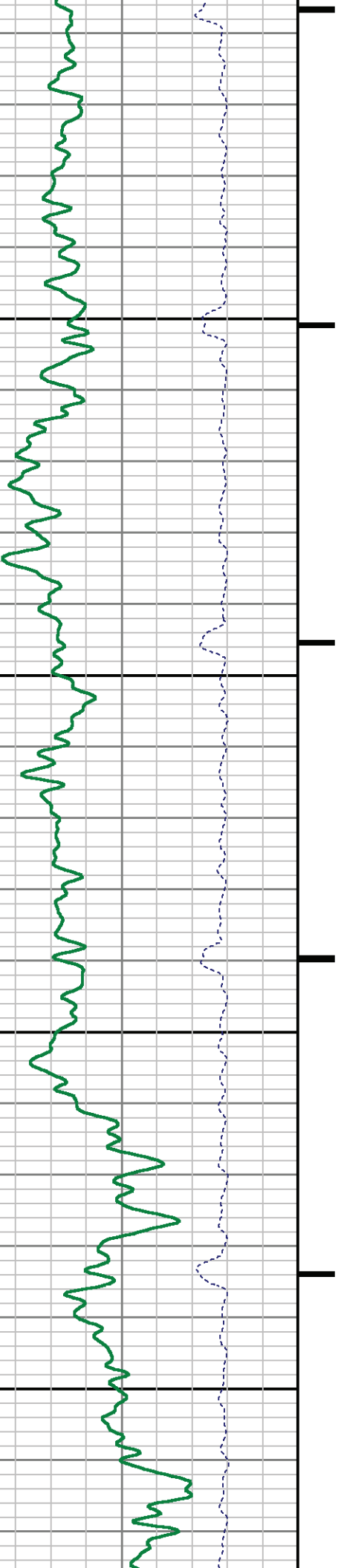
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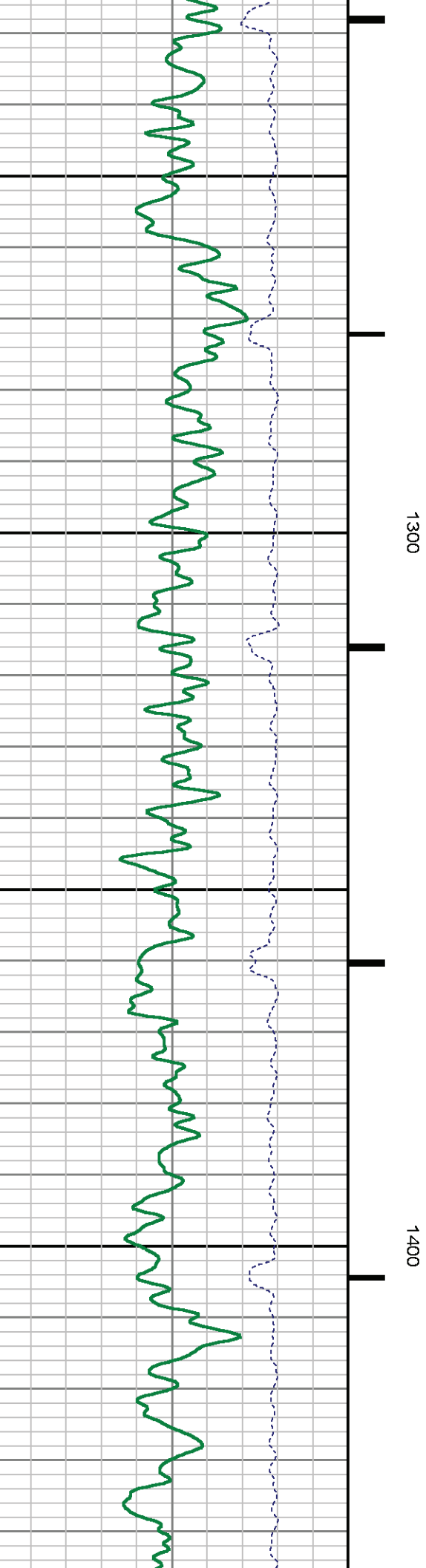
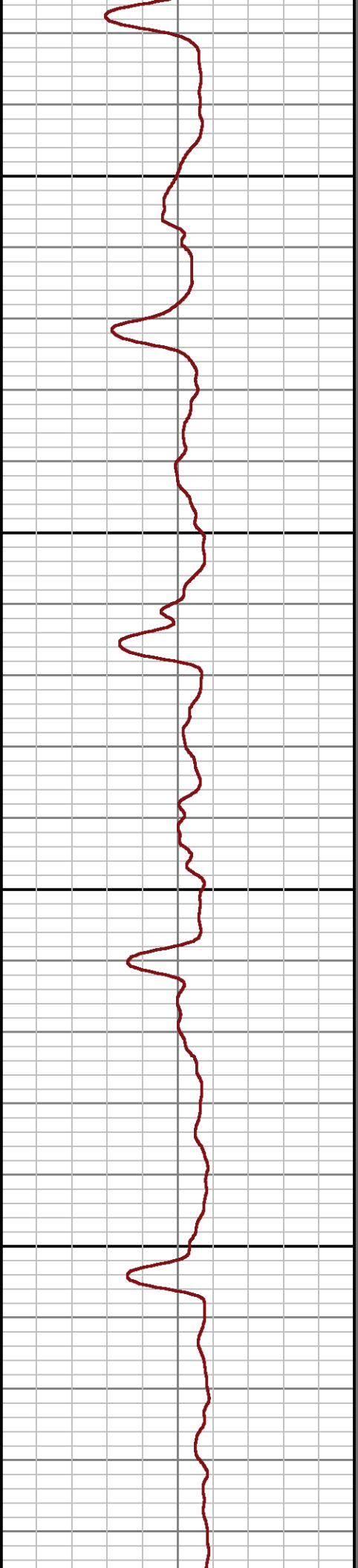
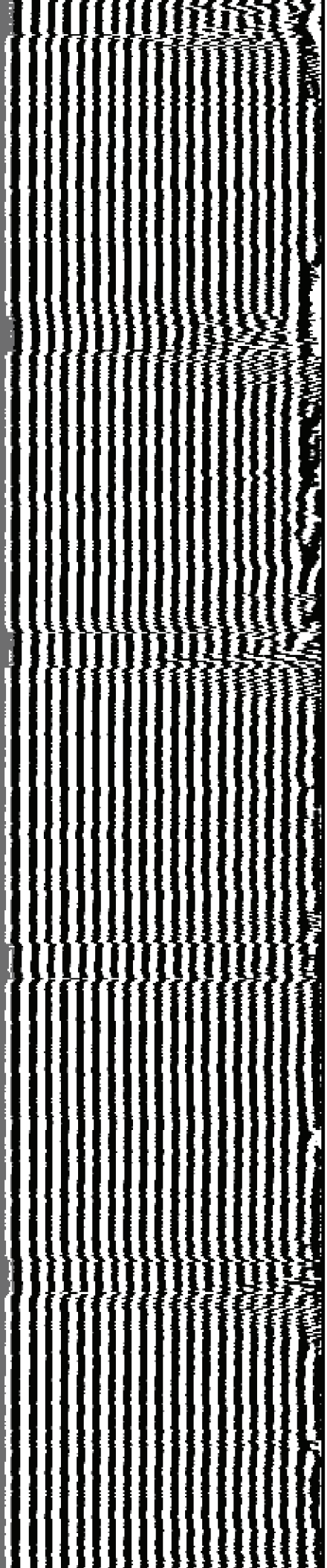


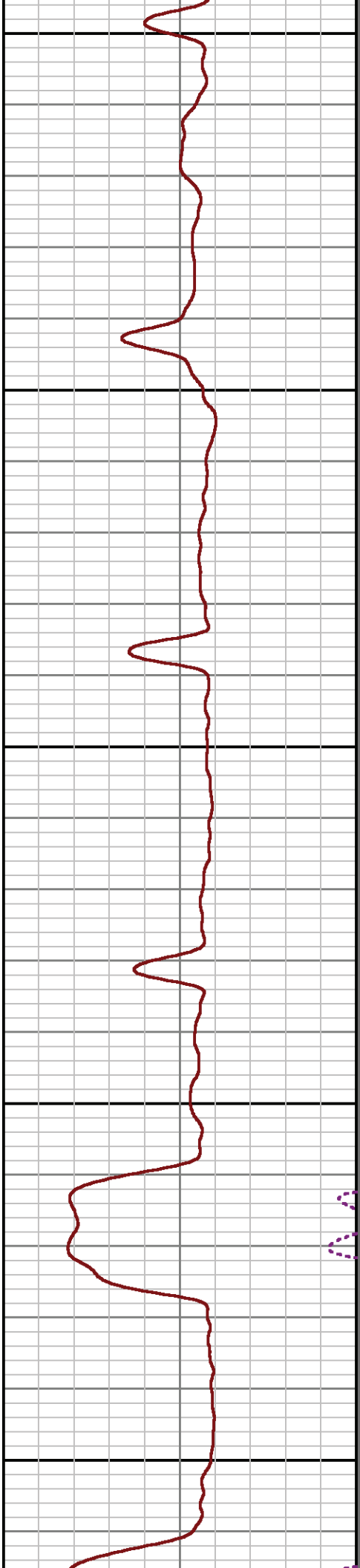
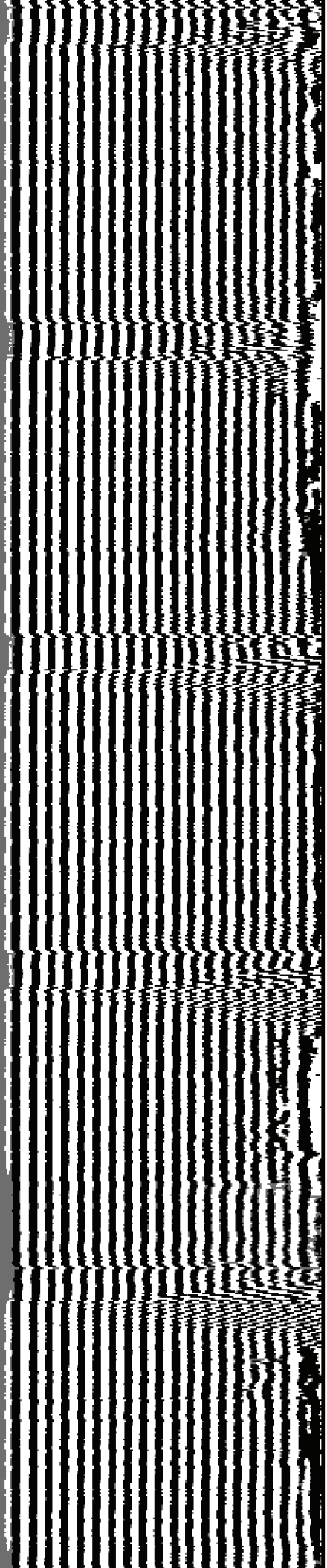


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1200



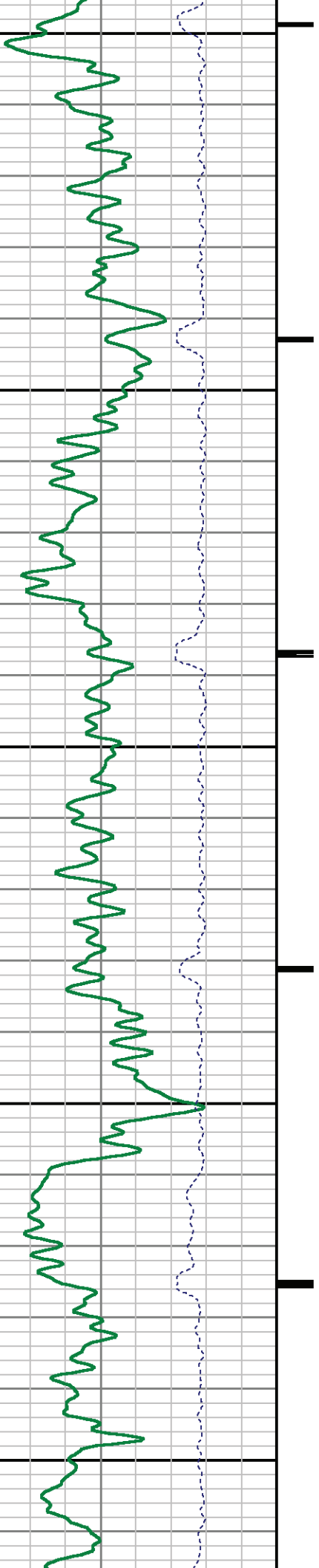


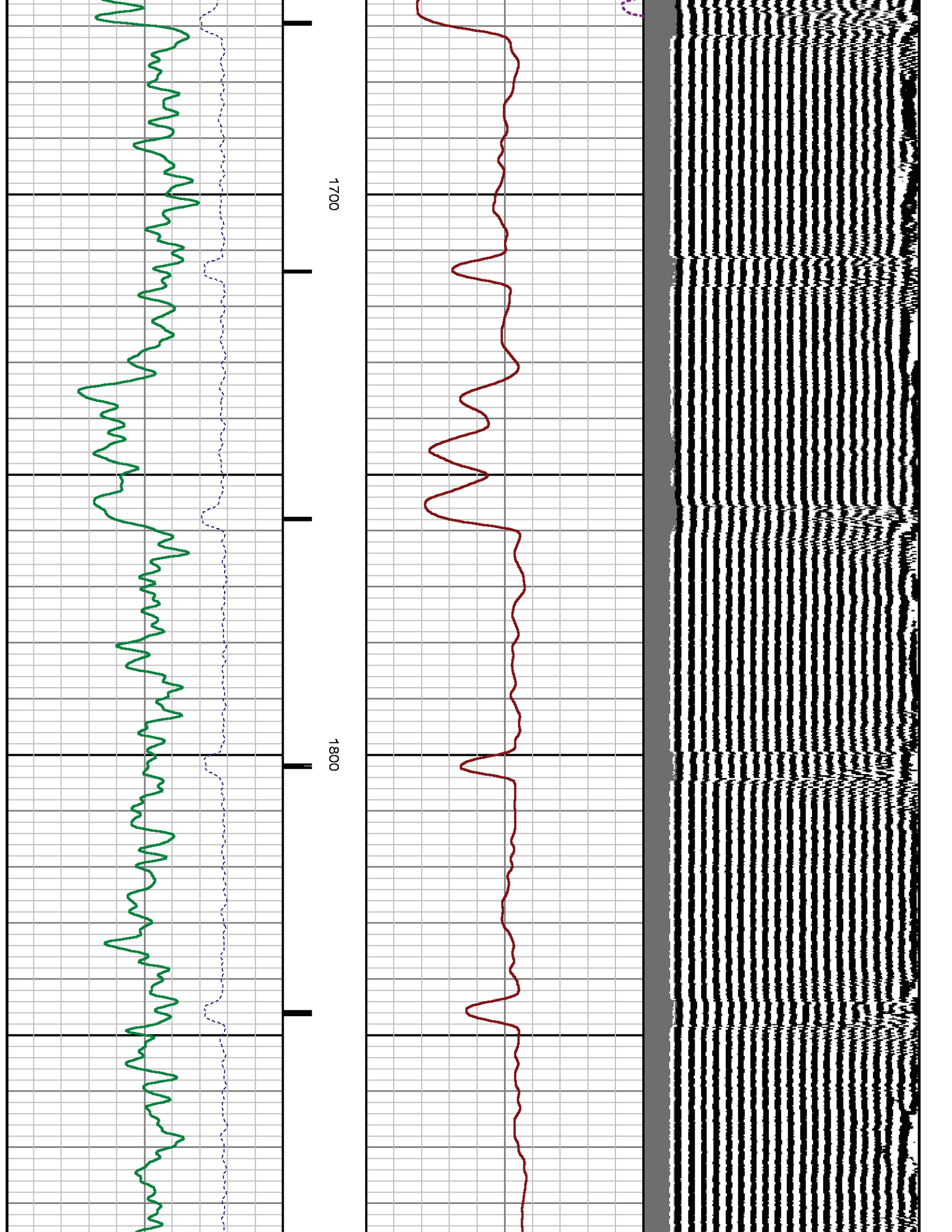


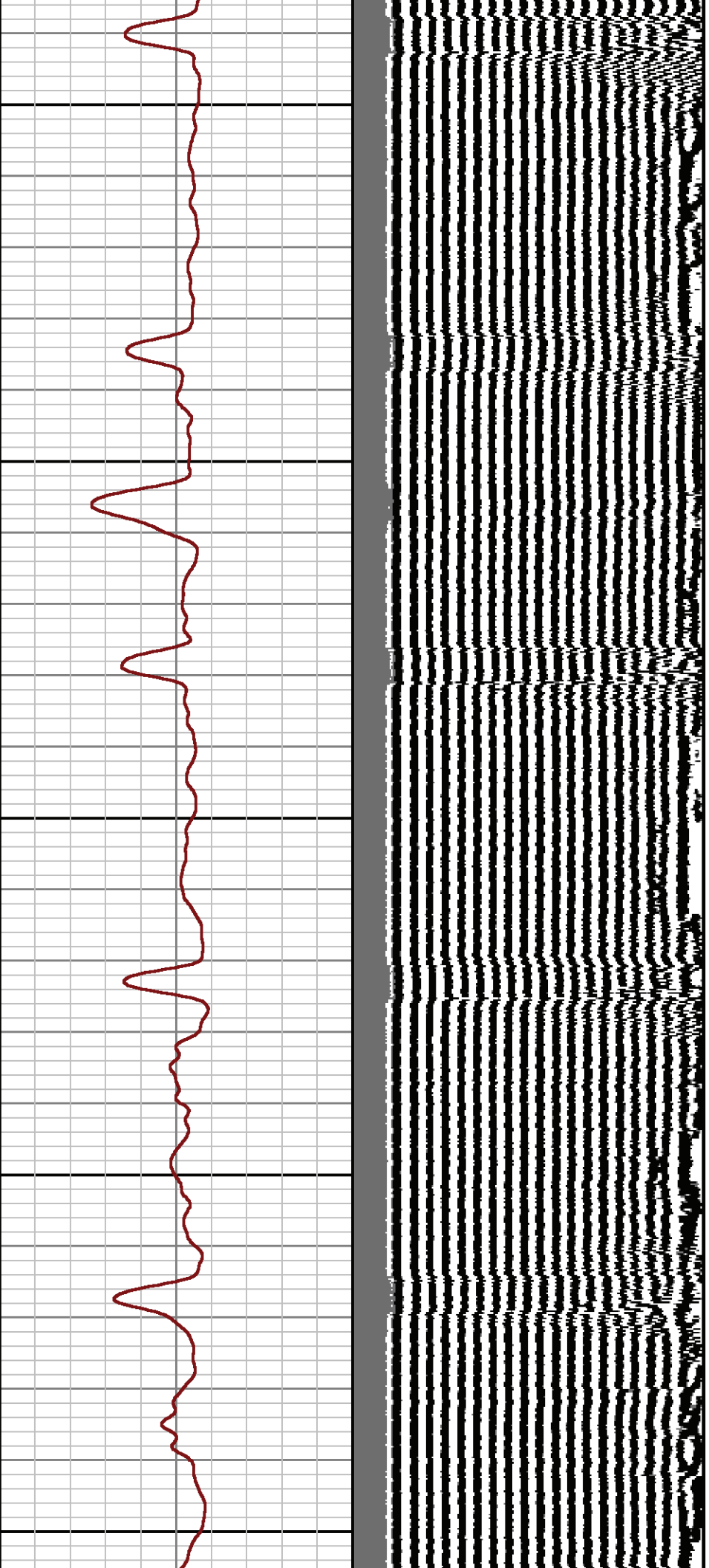
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1500

1600



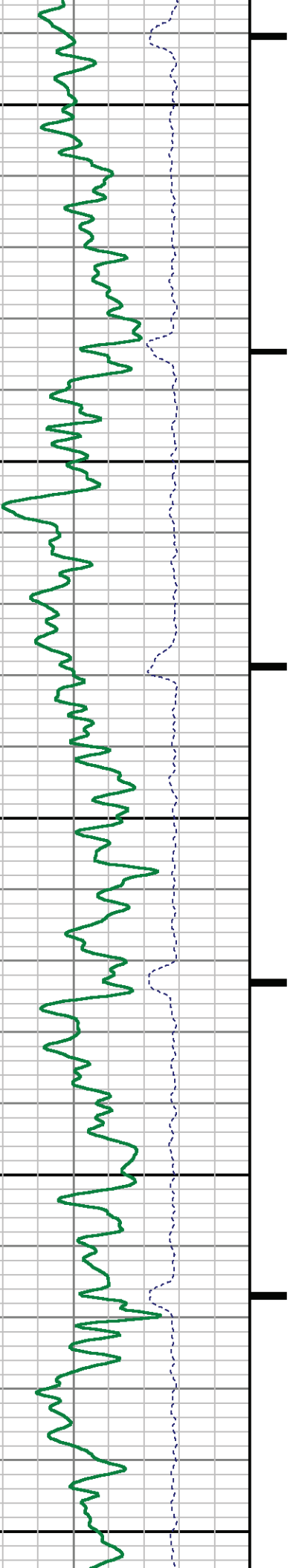


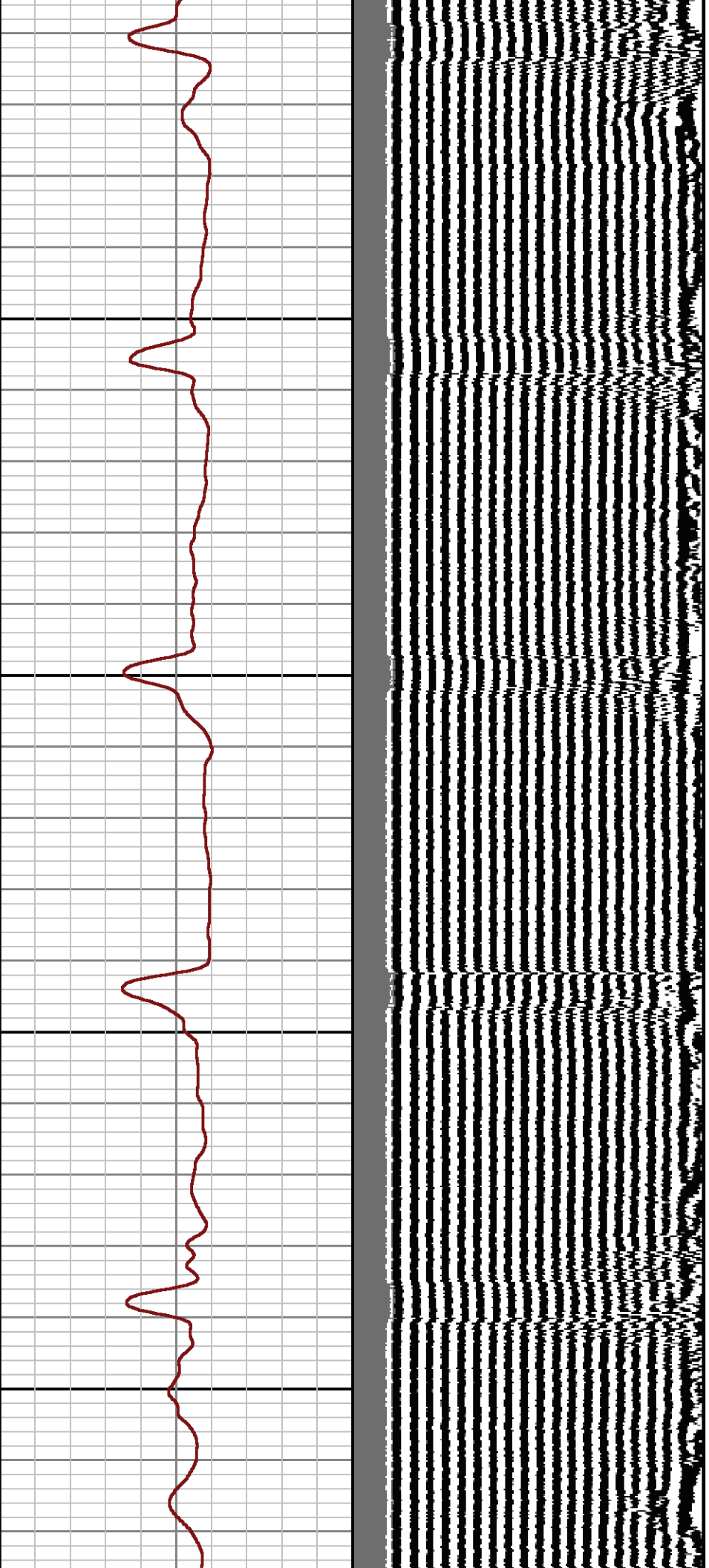


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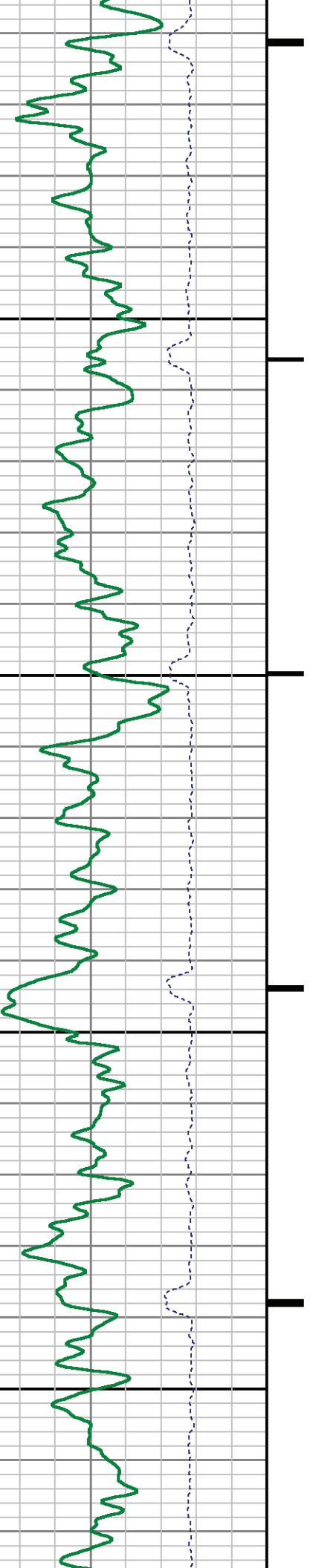
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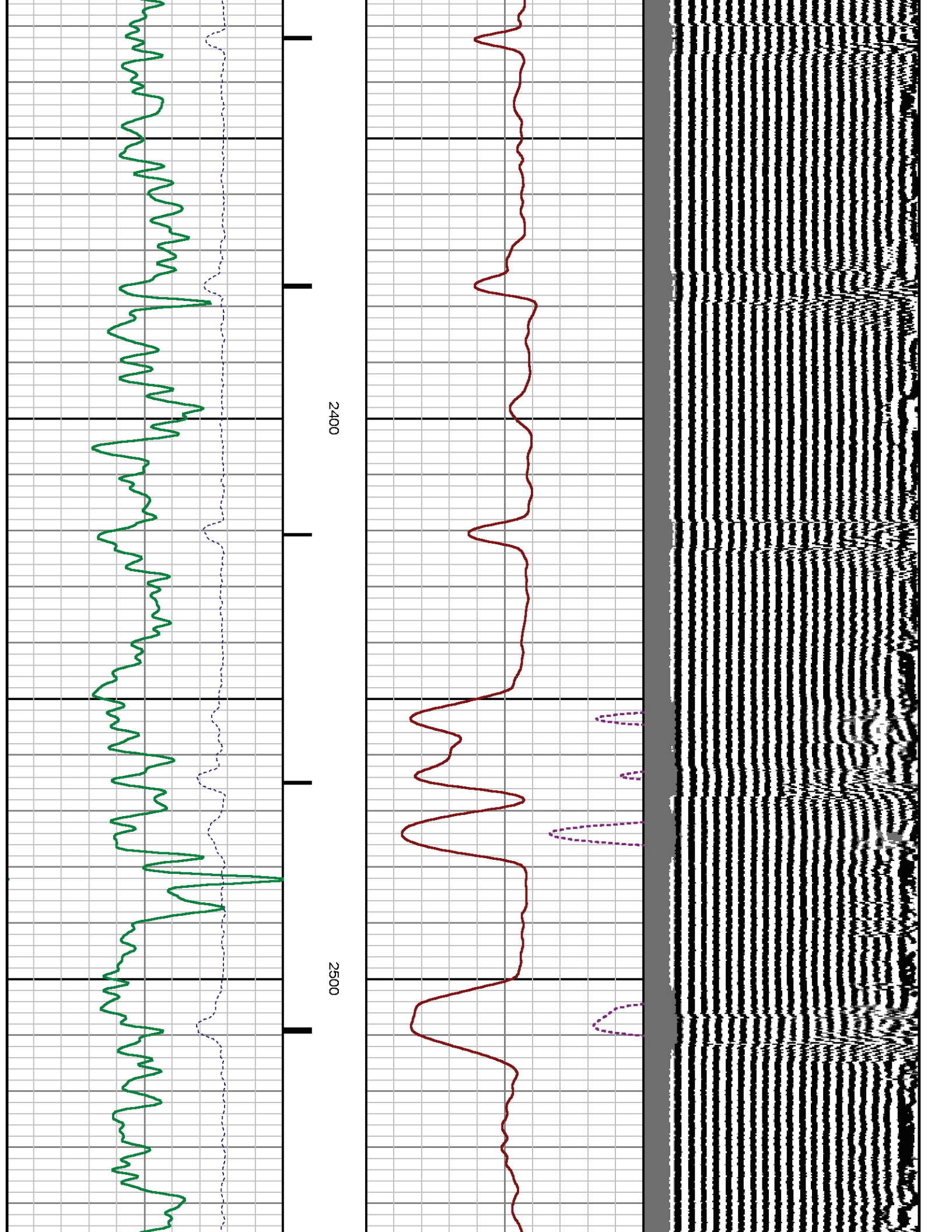


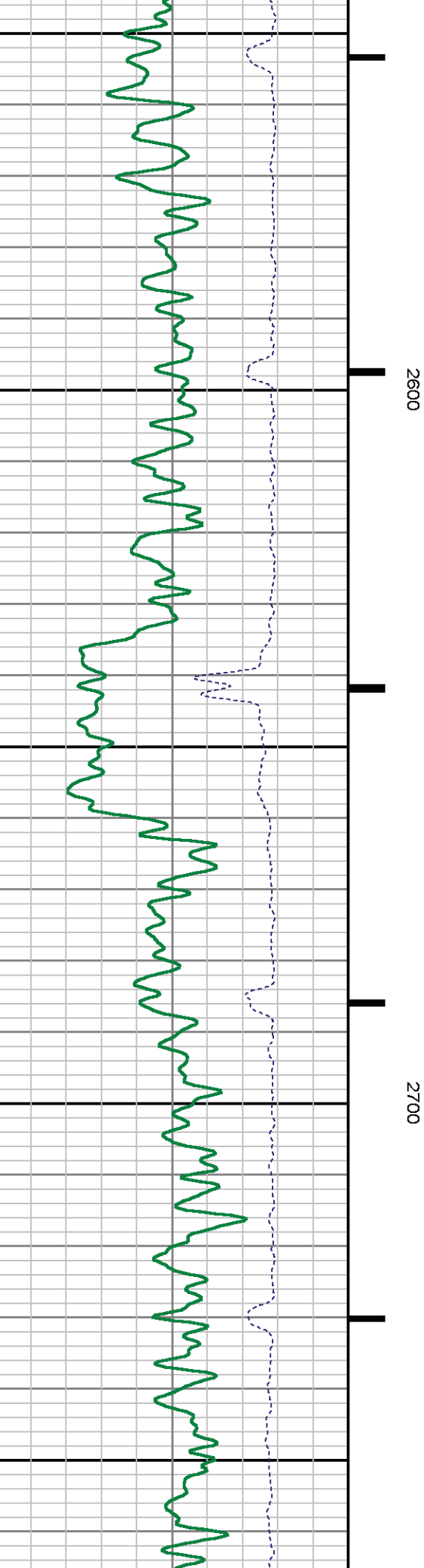
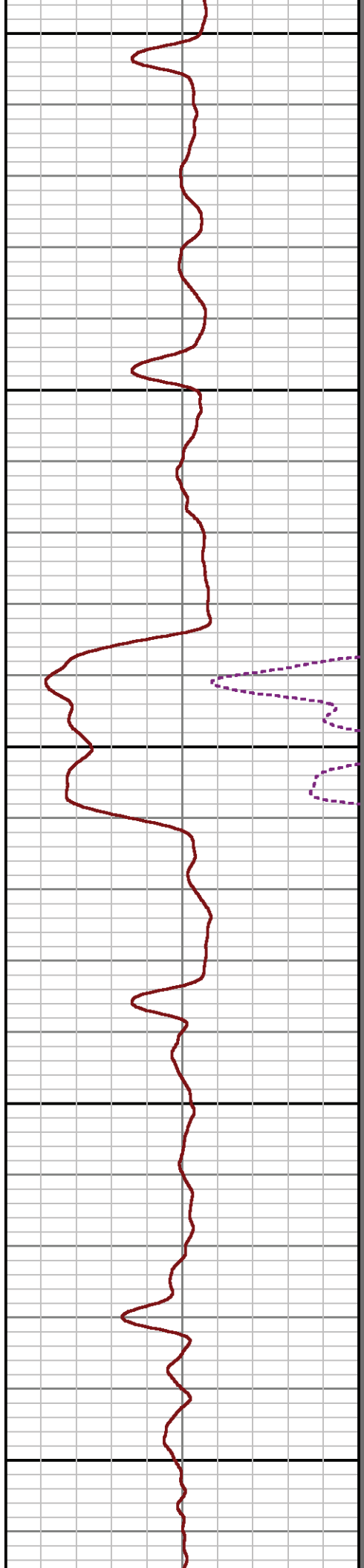
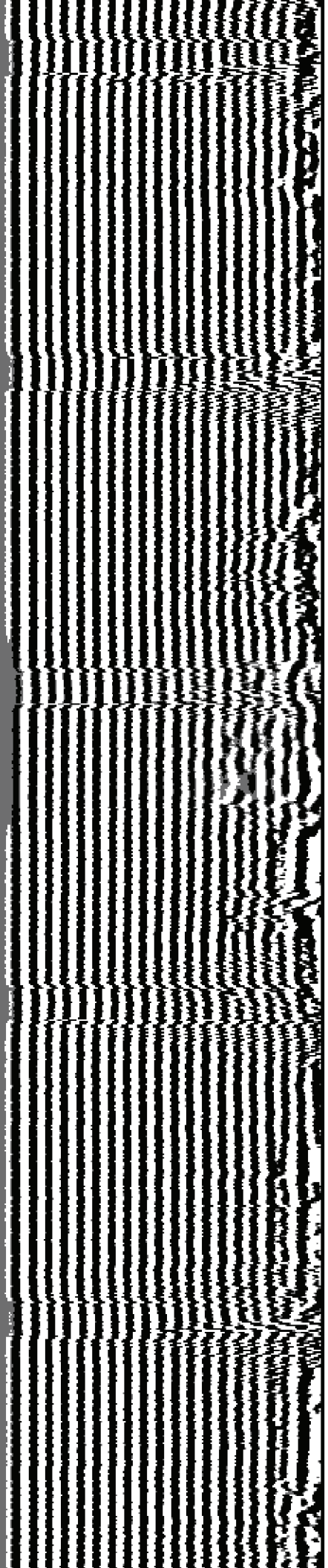


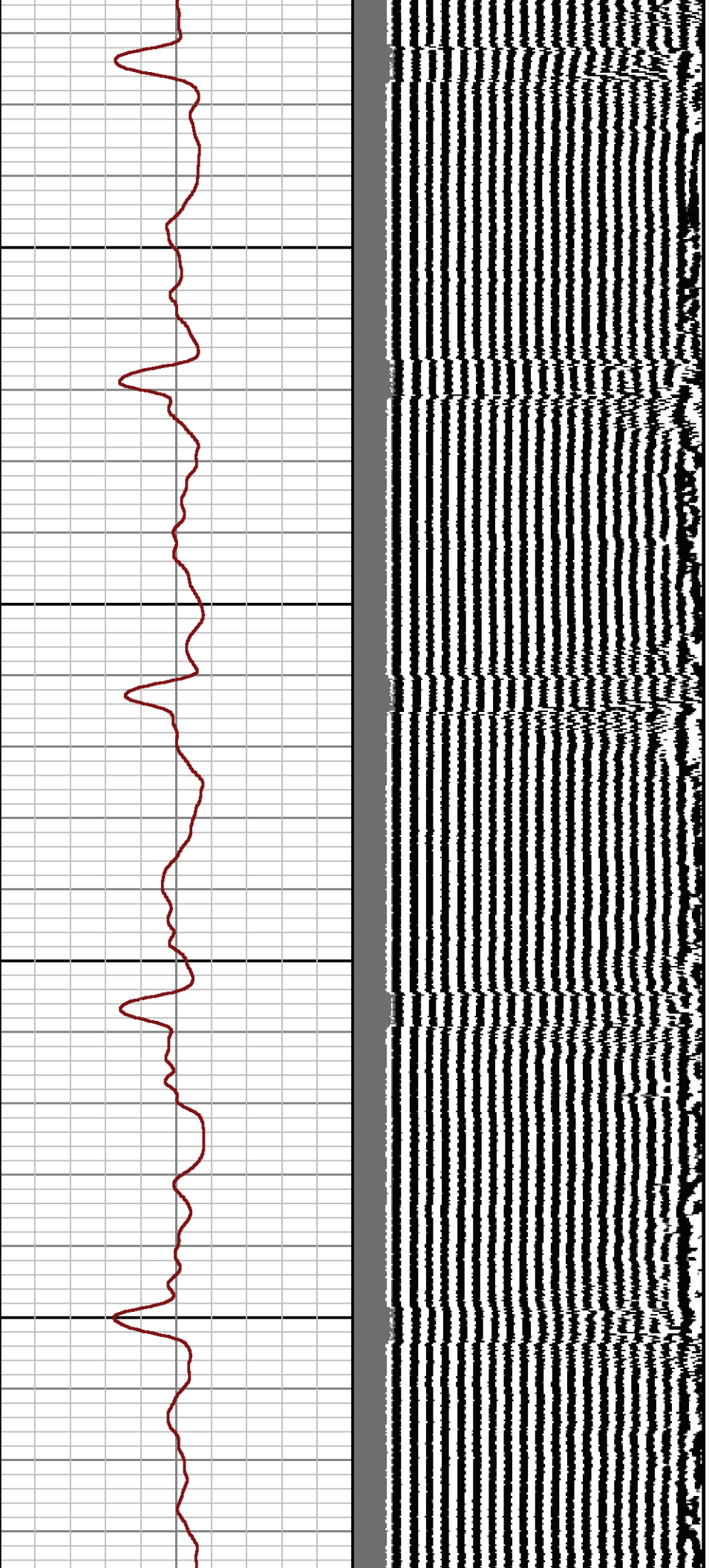
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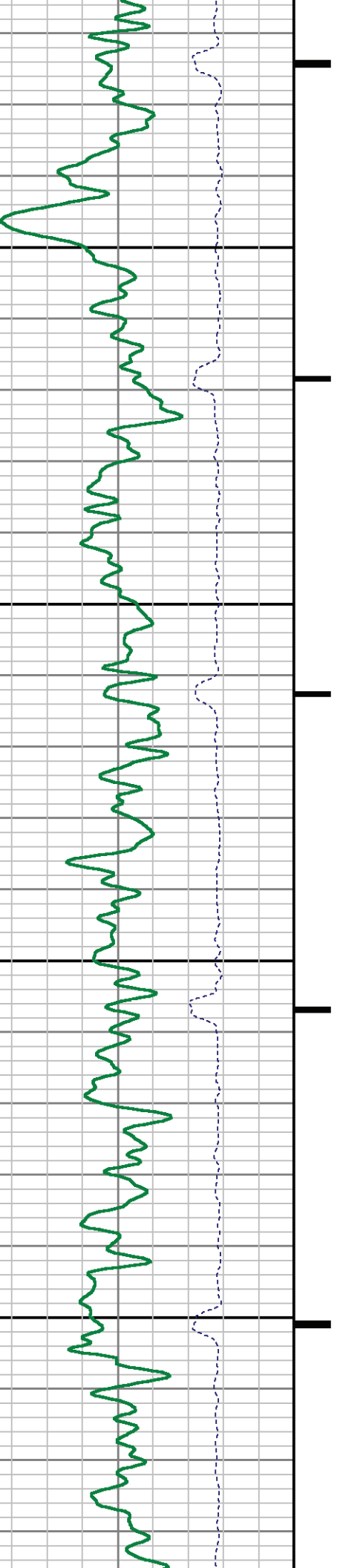


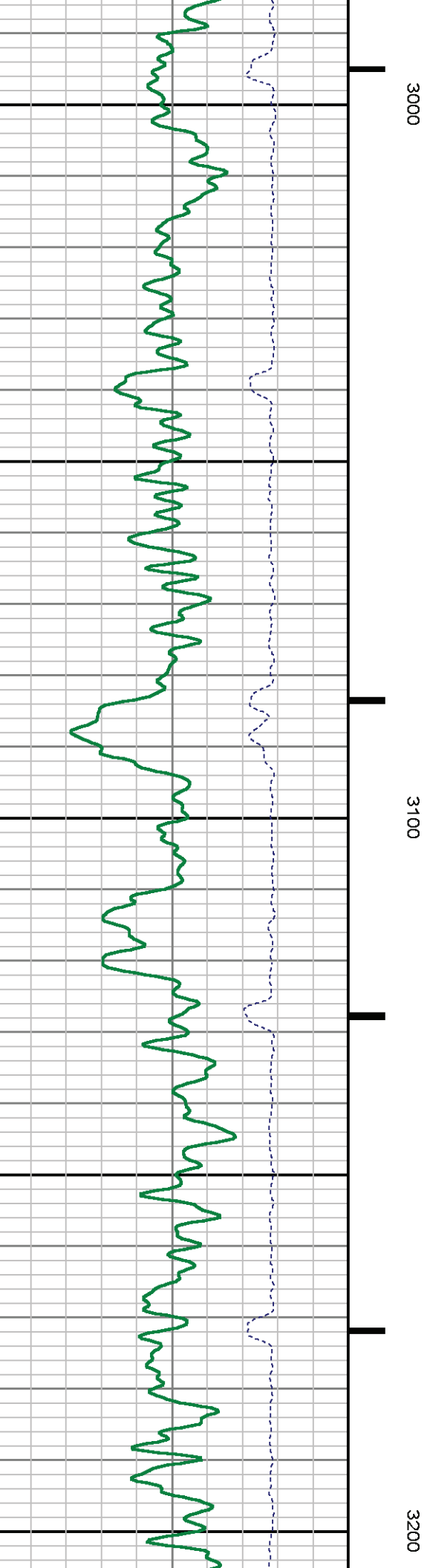
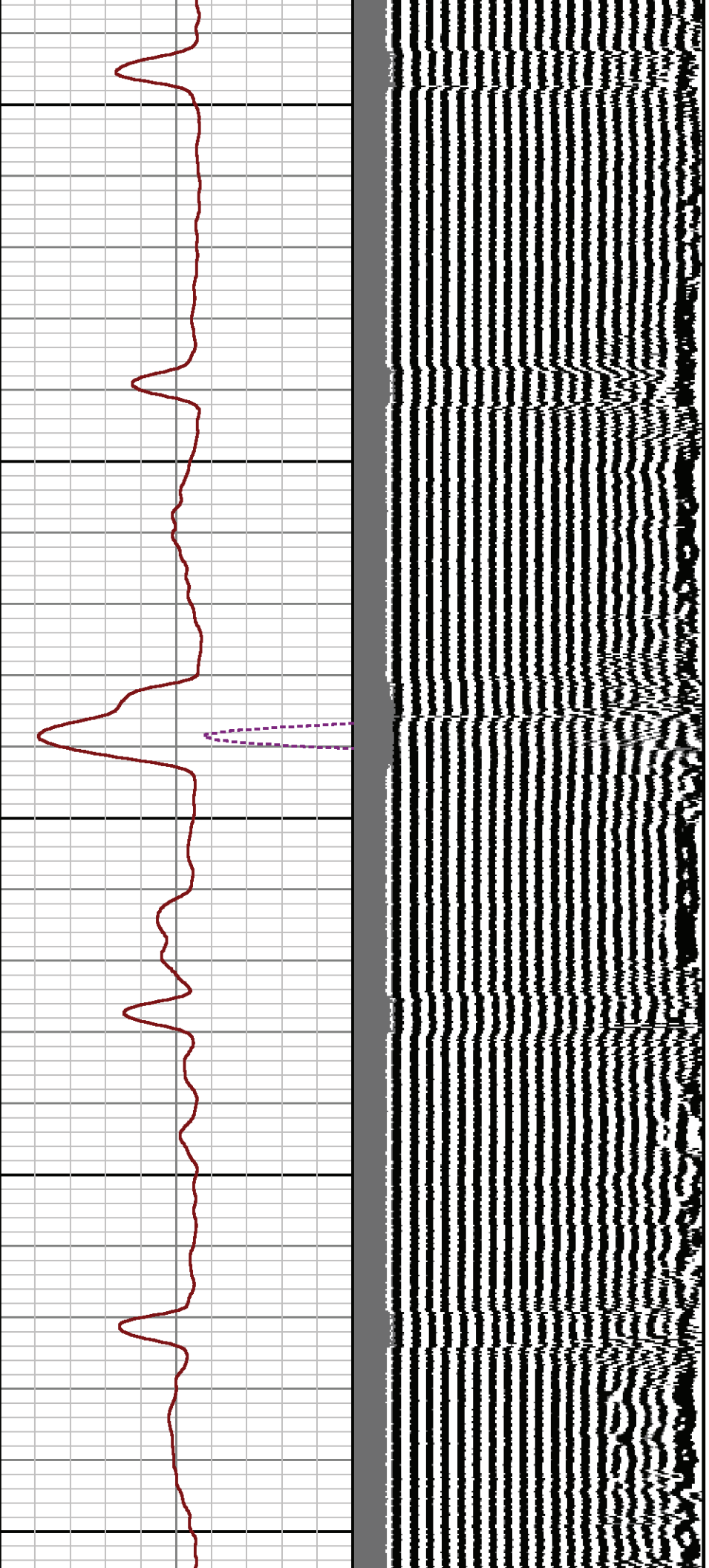


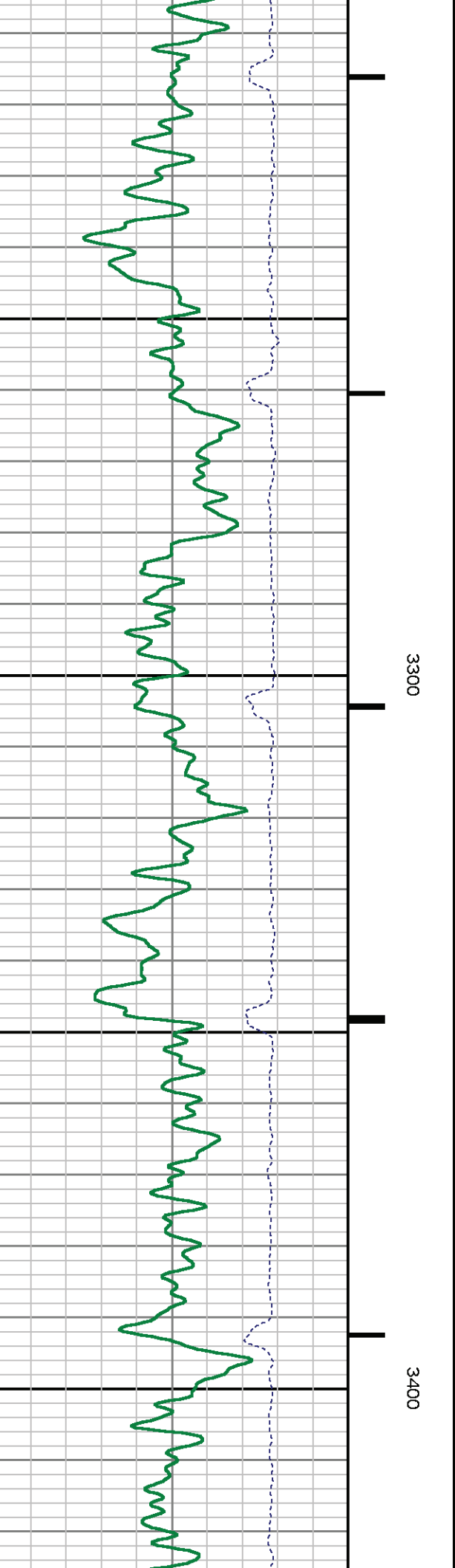
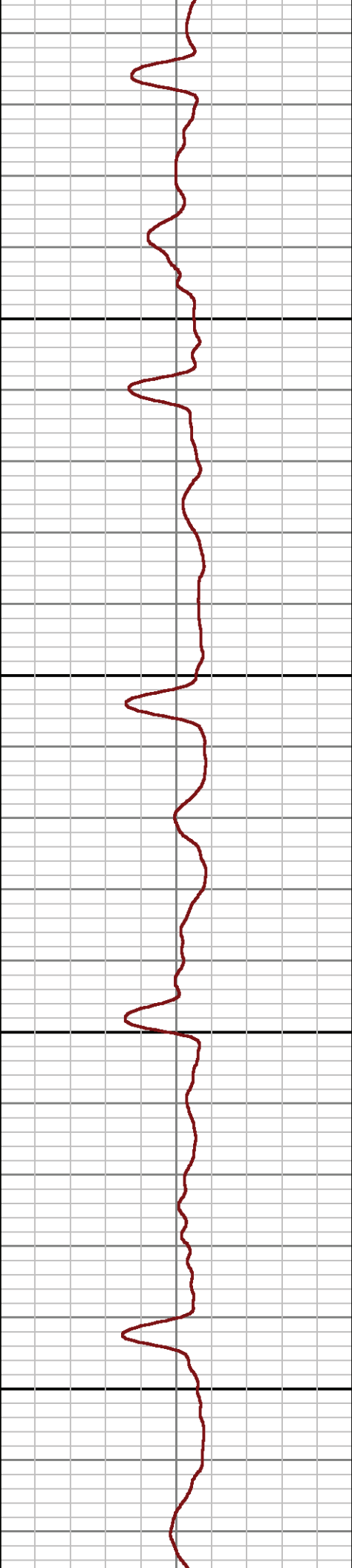
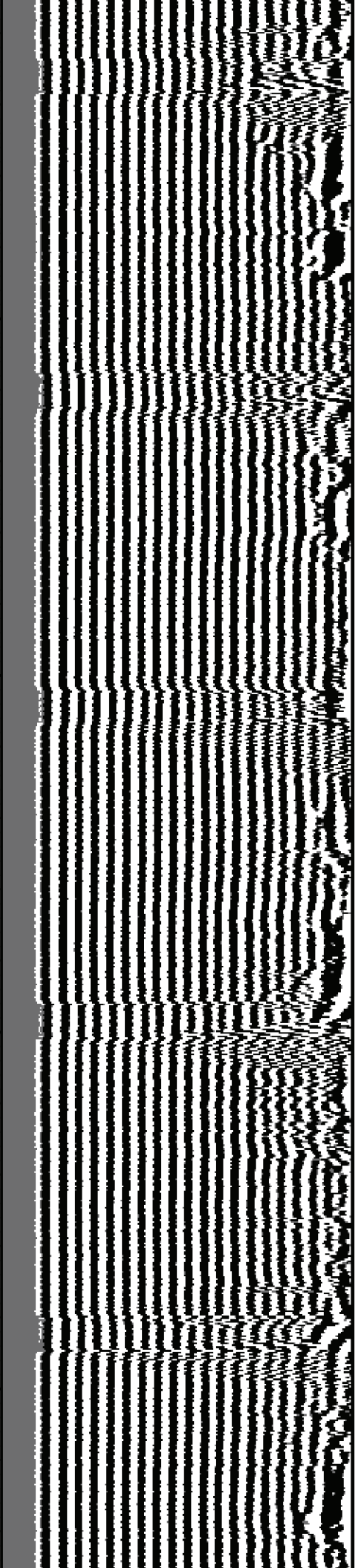


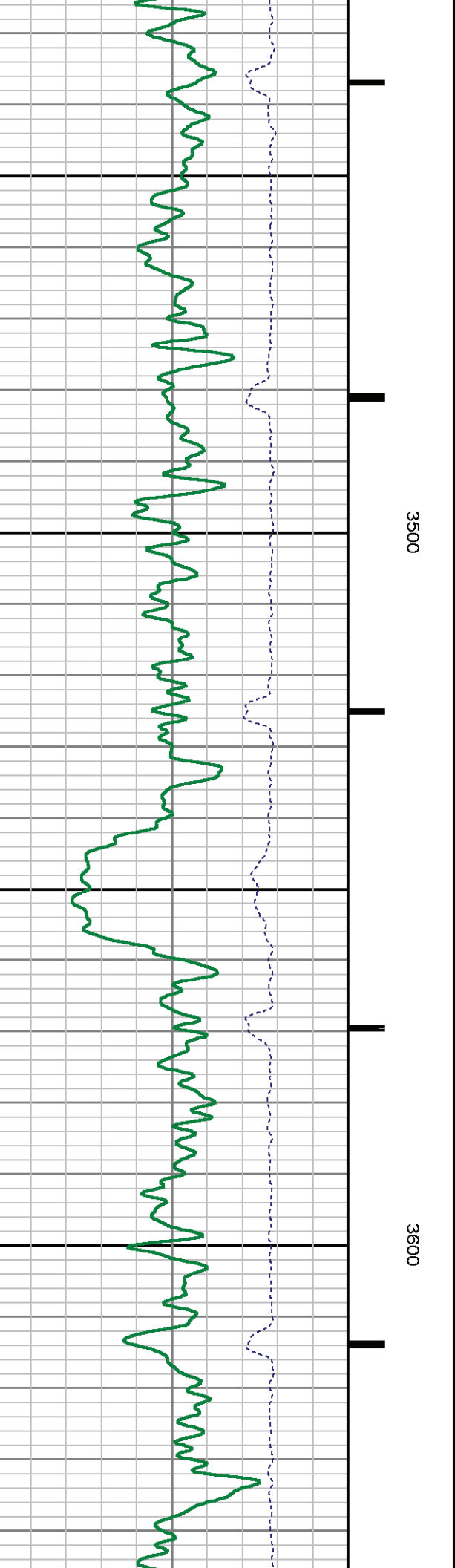
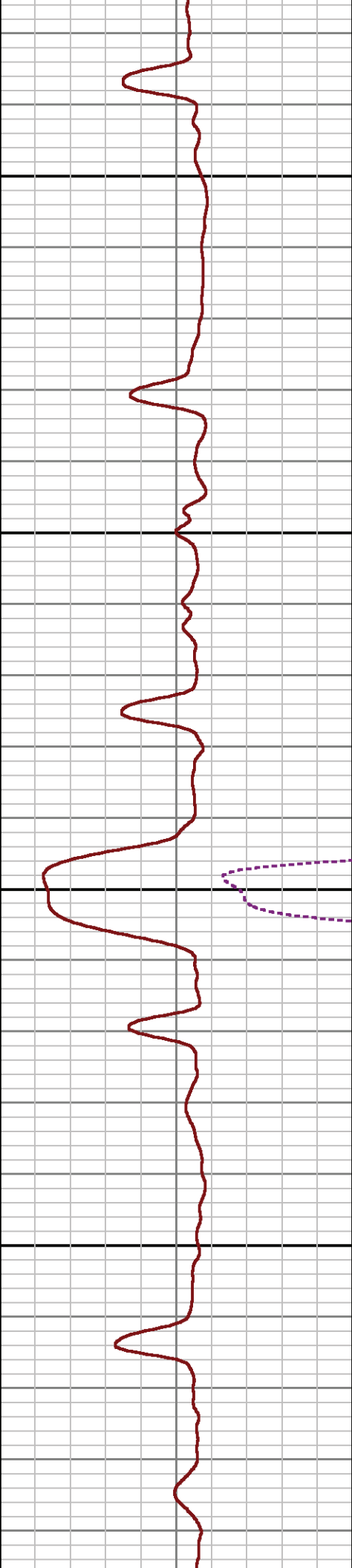
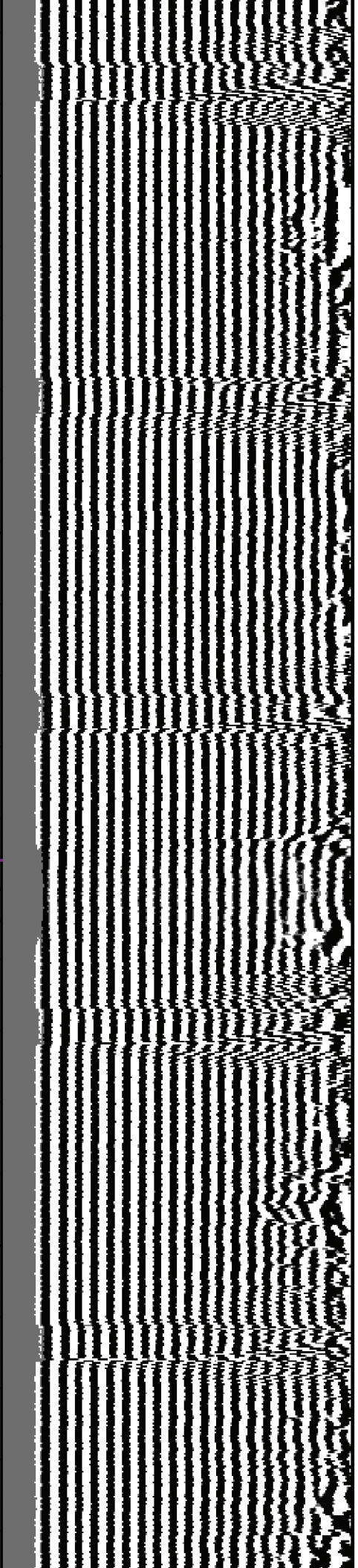
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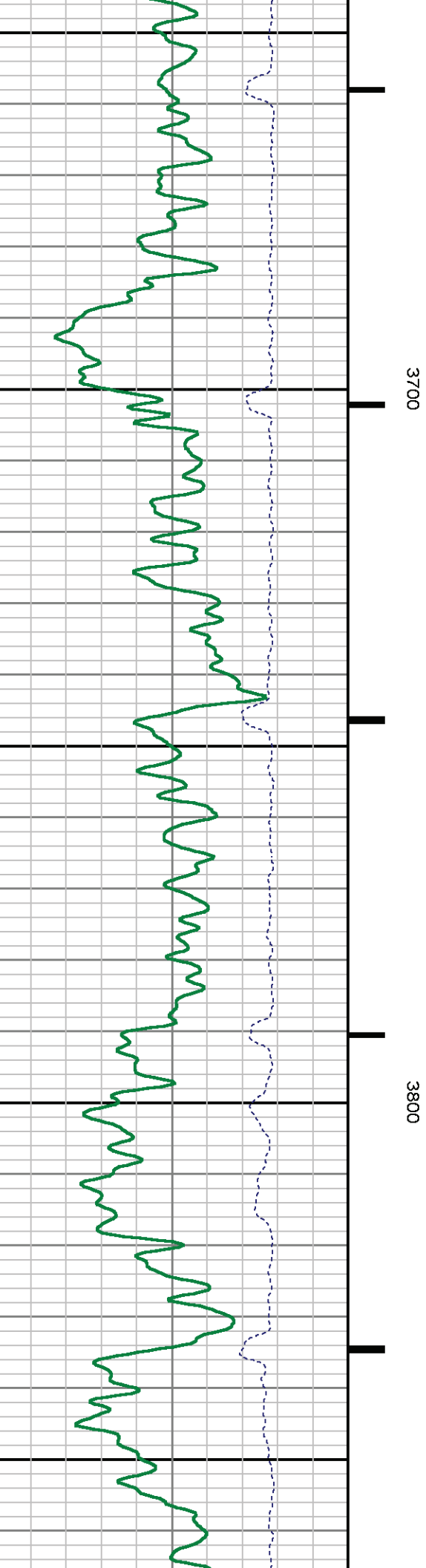
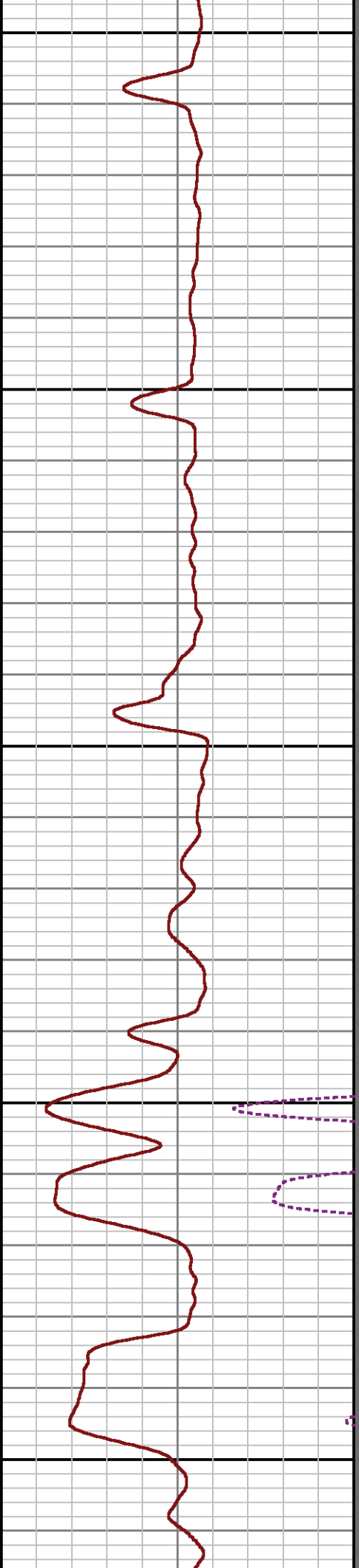
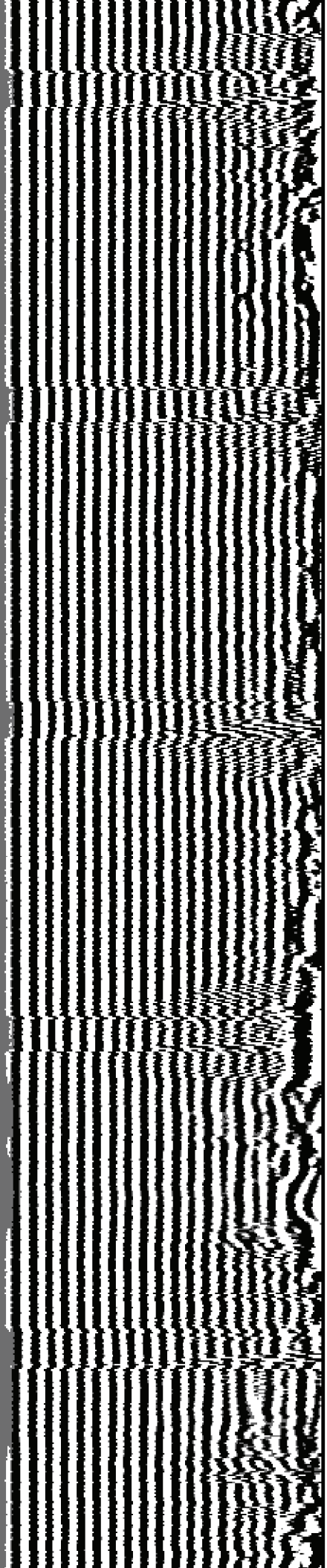
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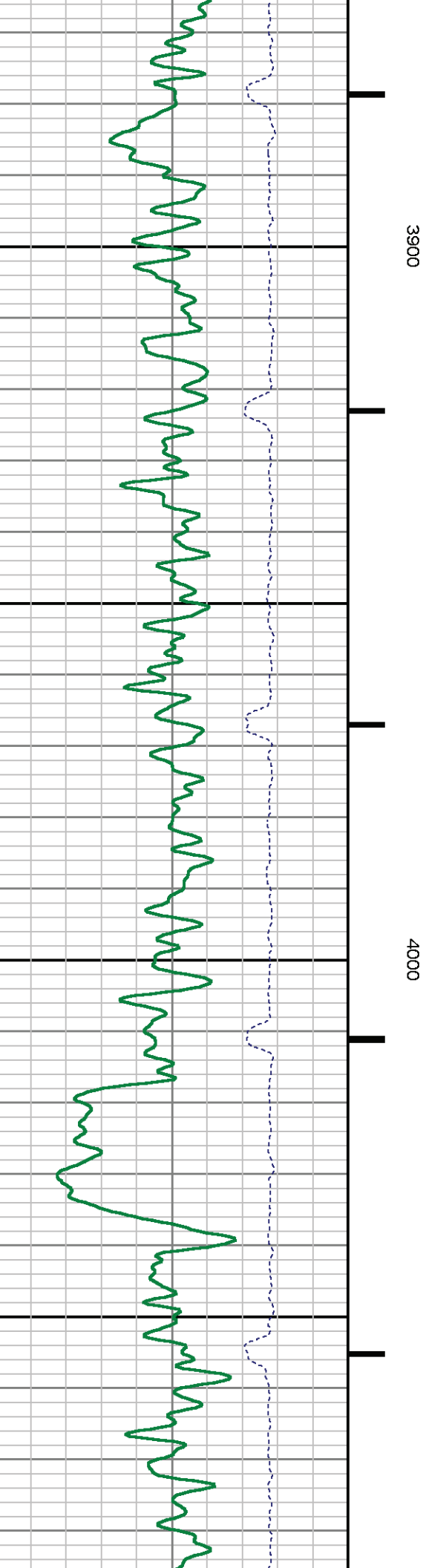
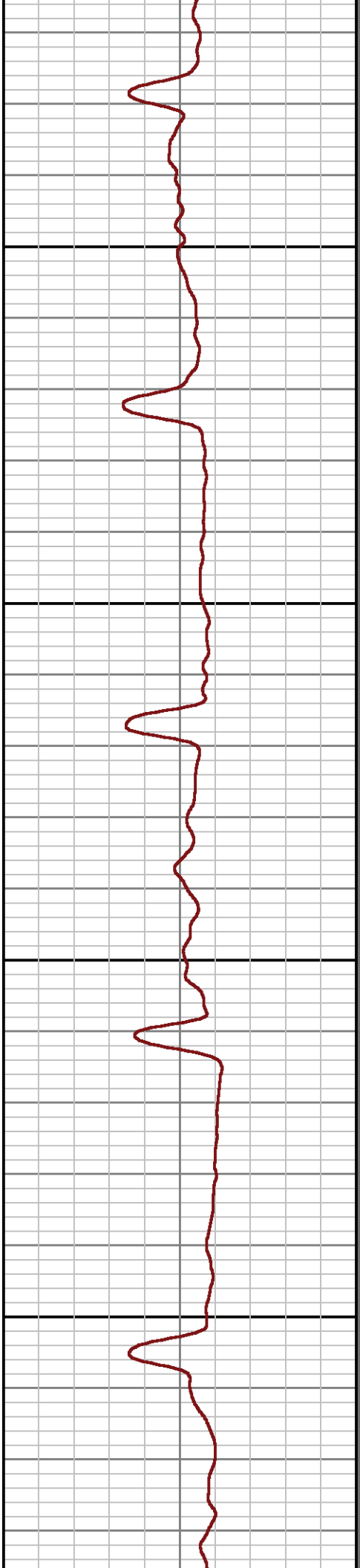
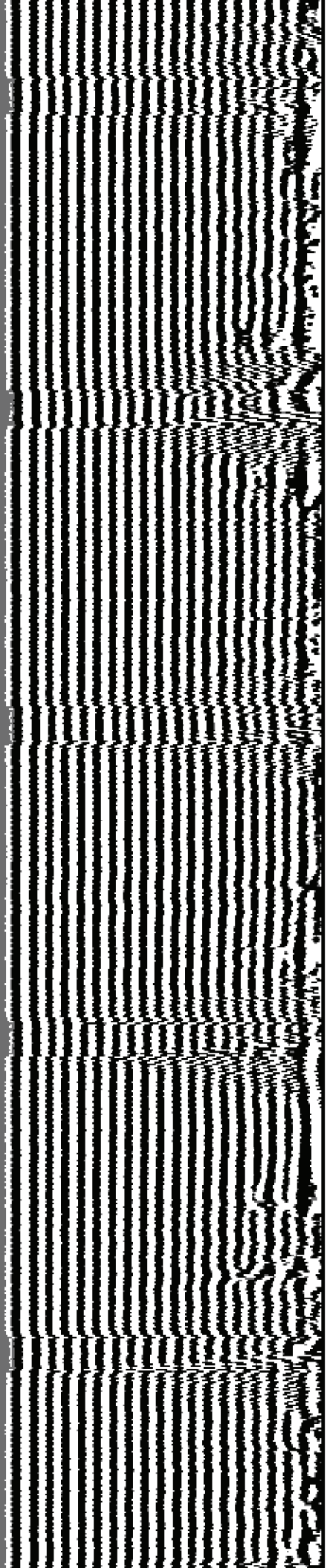


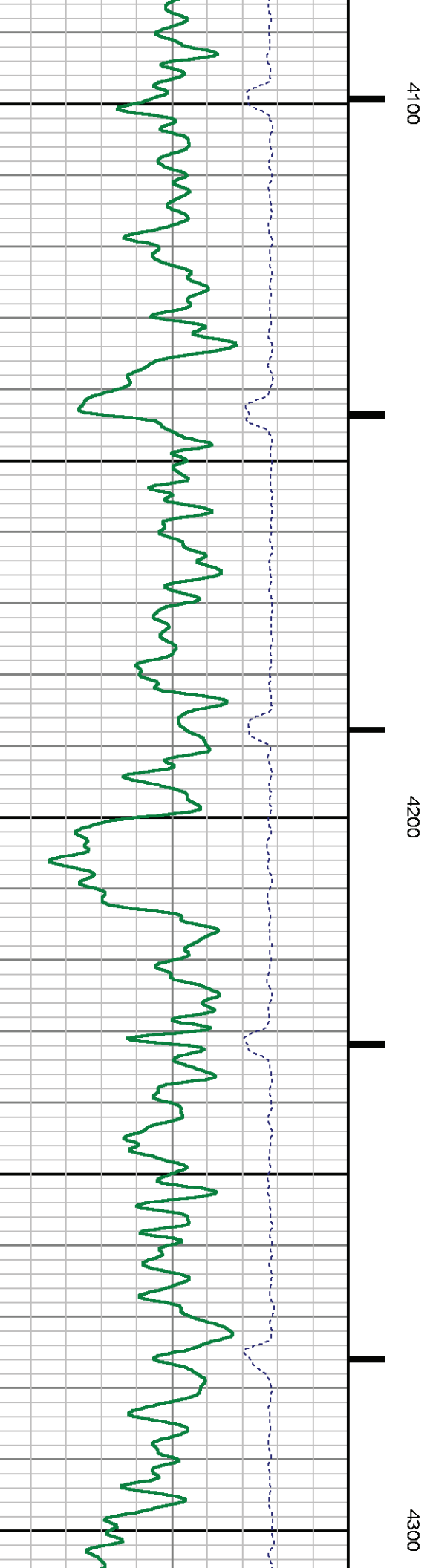
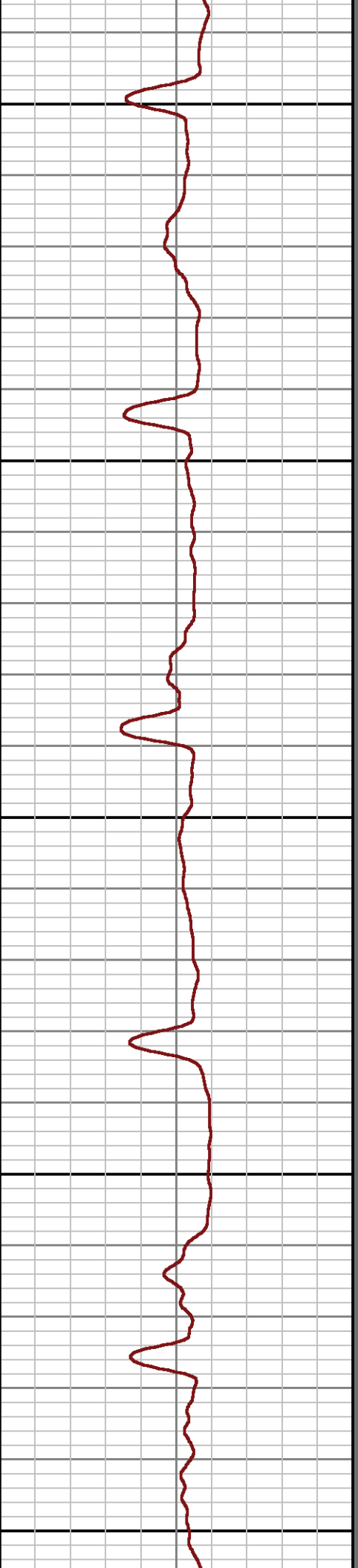
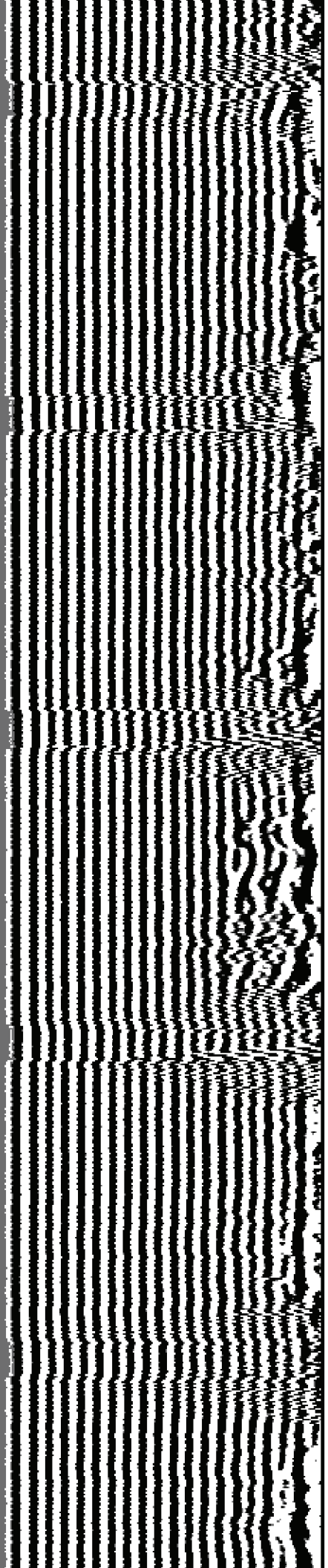


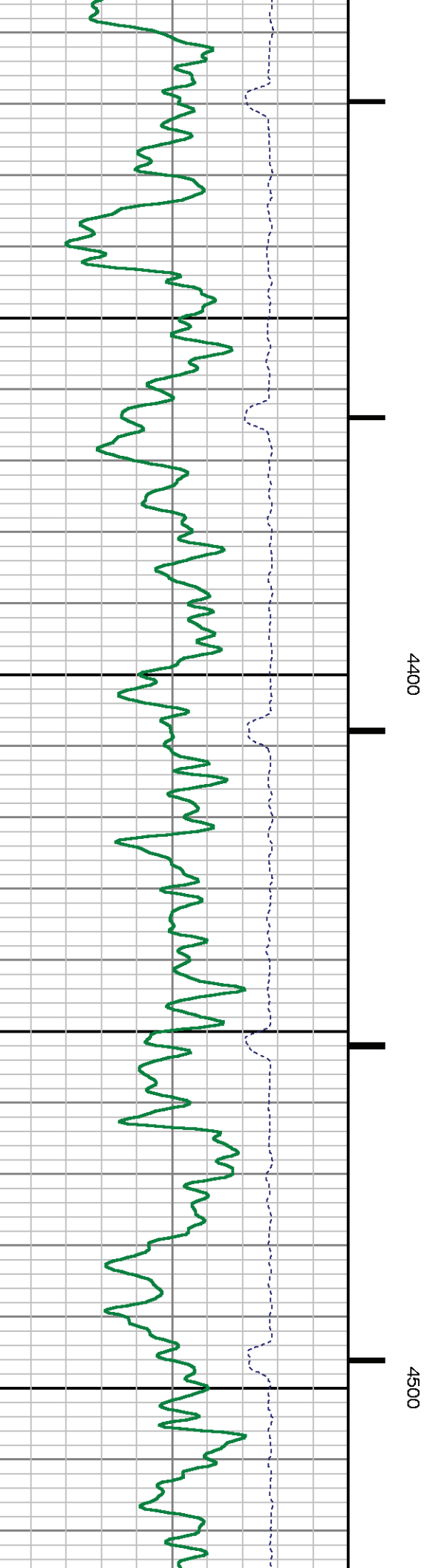
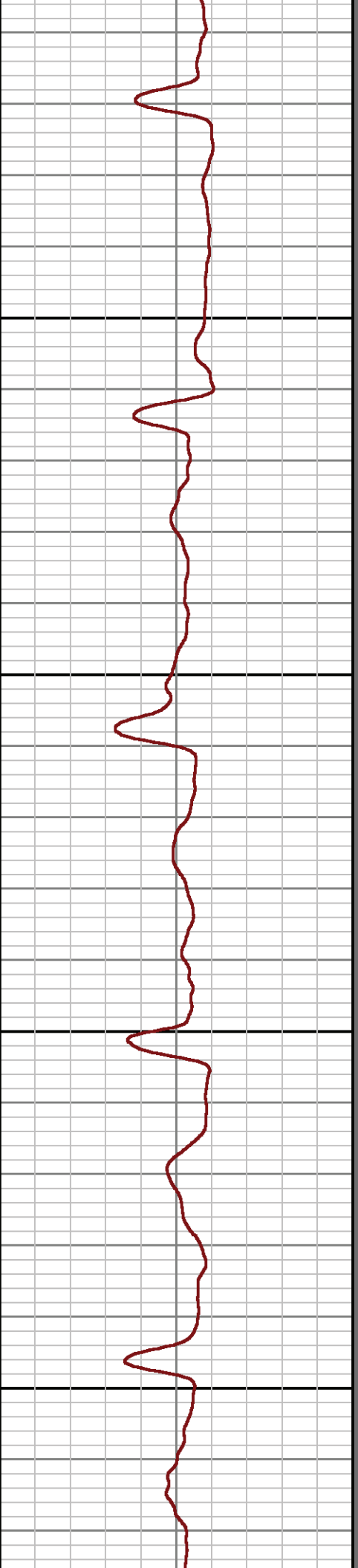
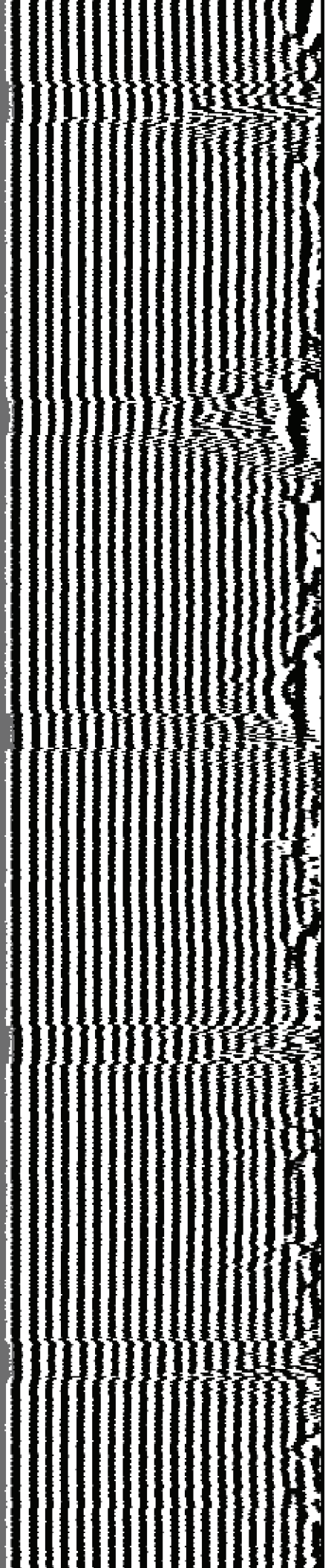


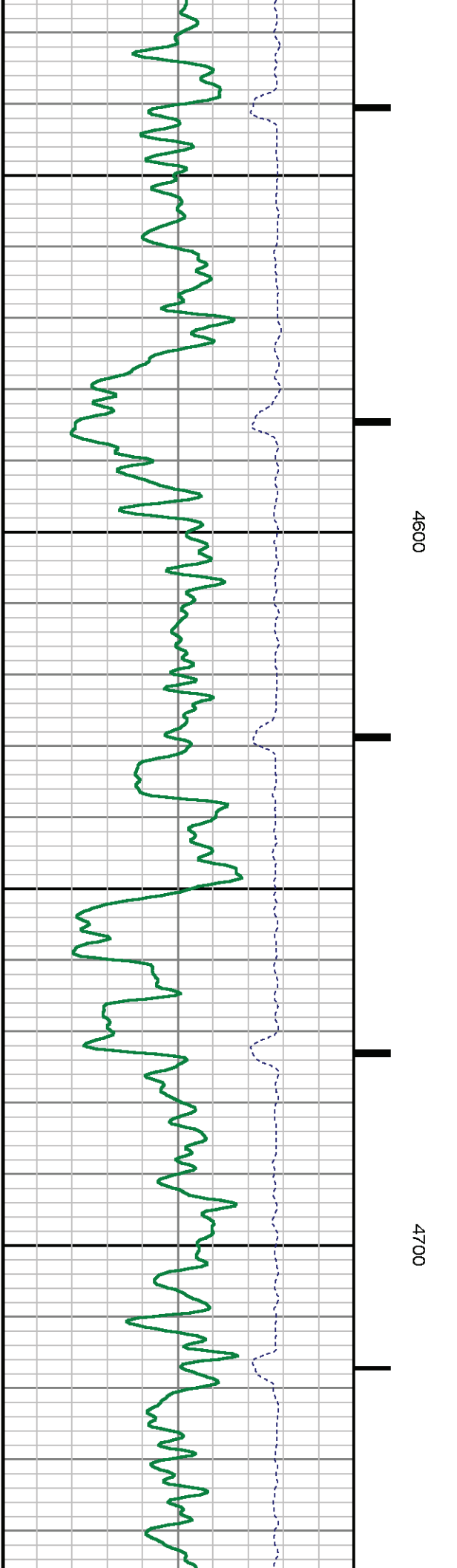
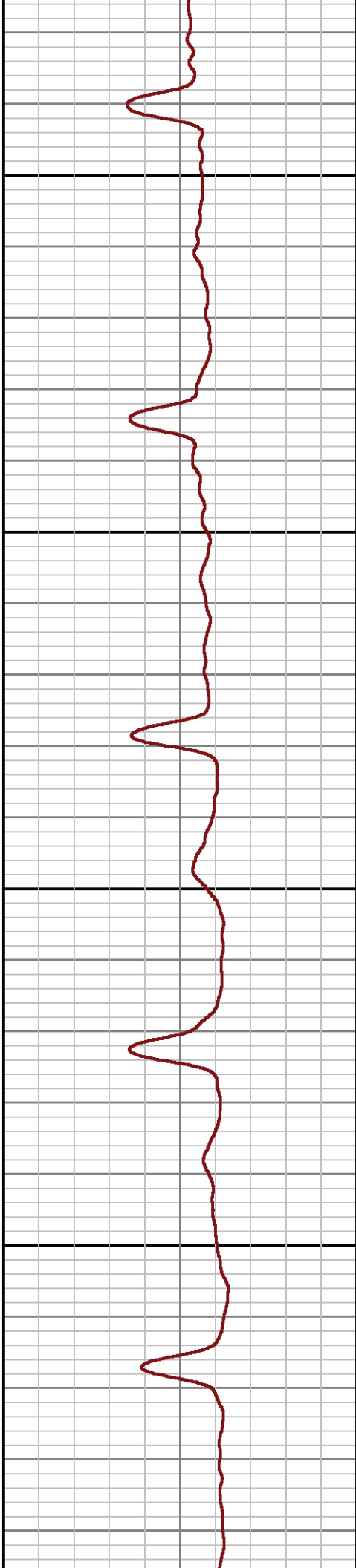
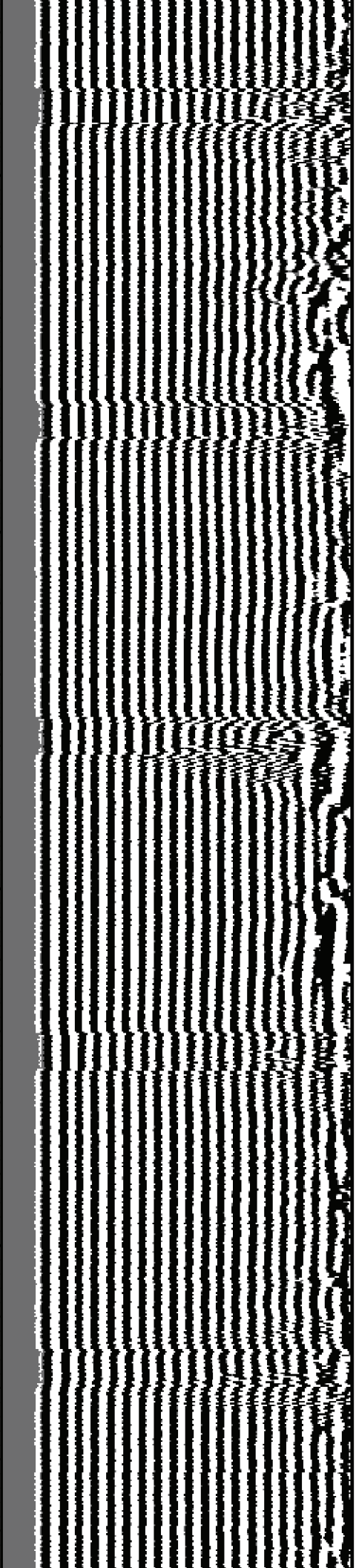


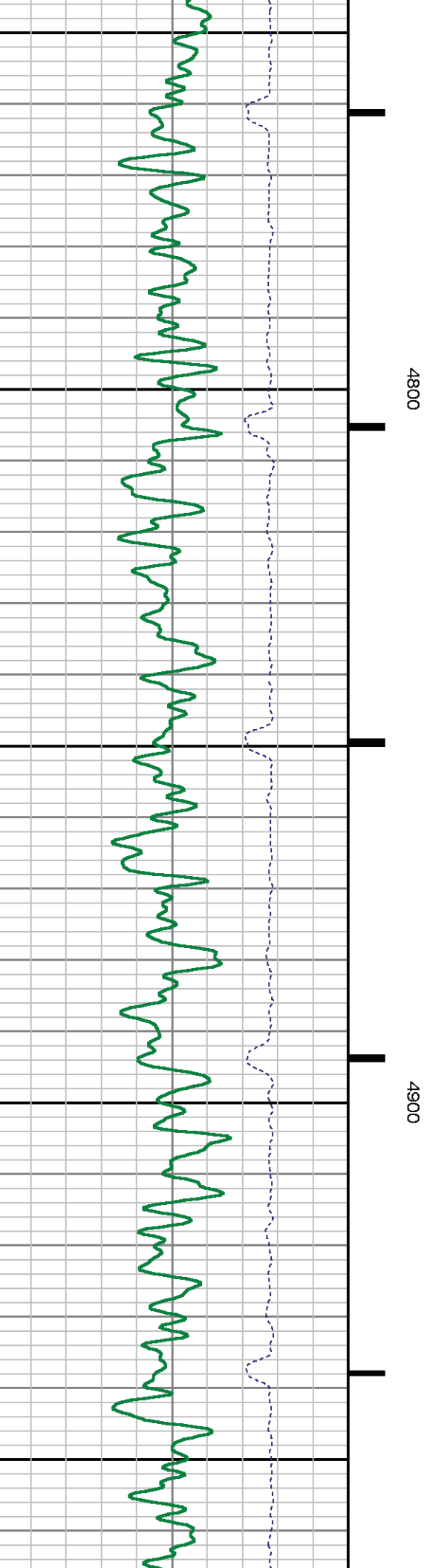
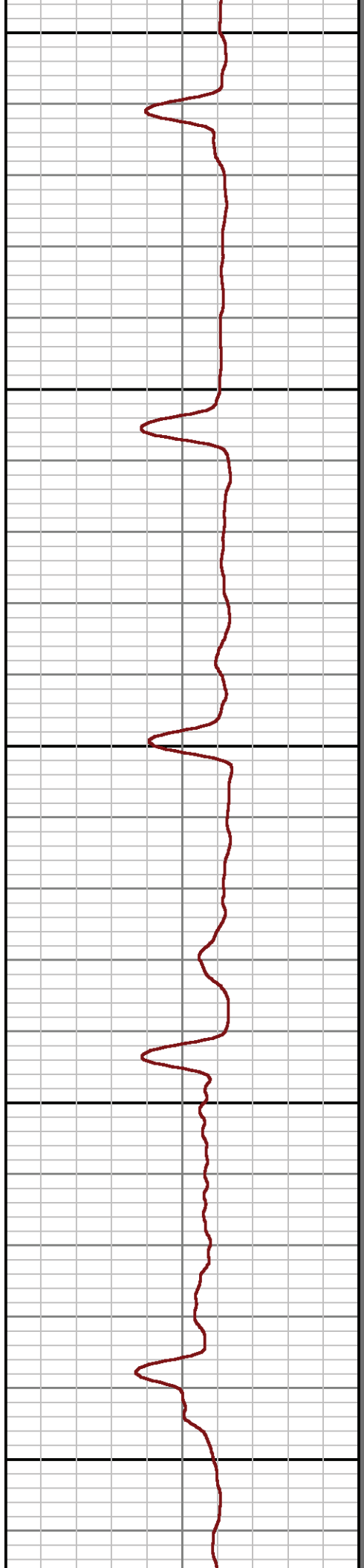
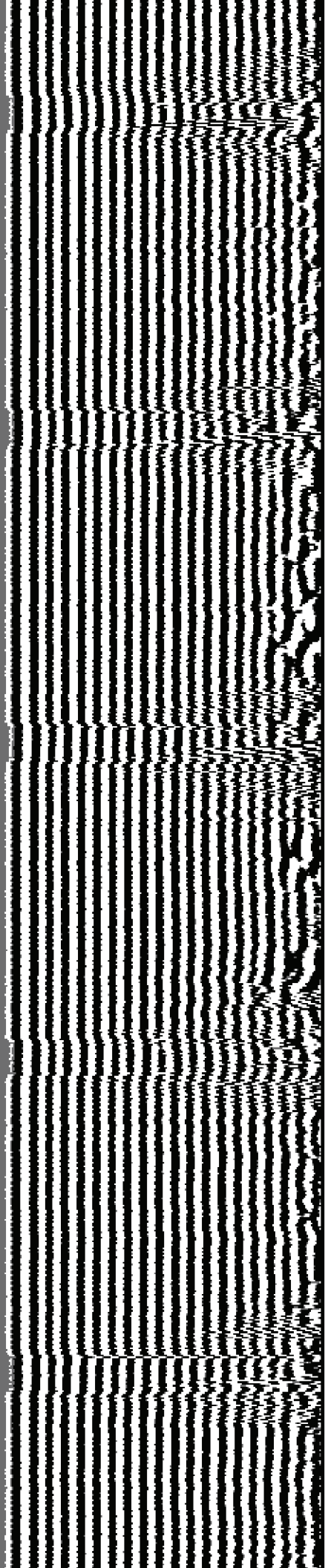


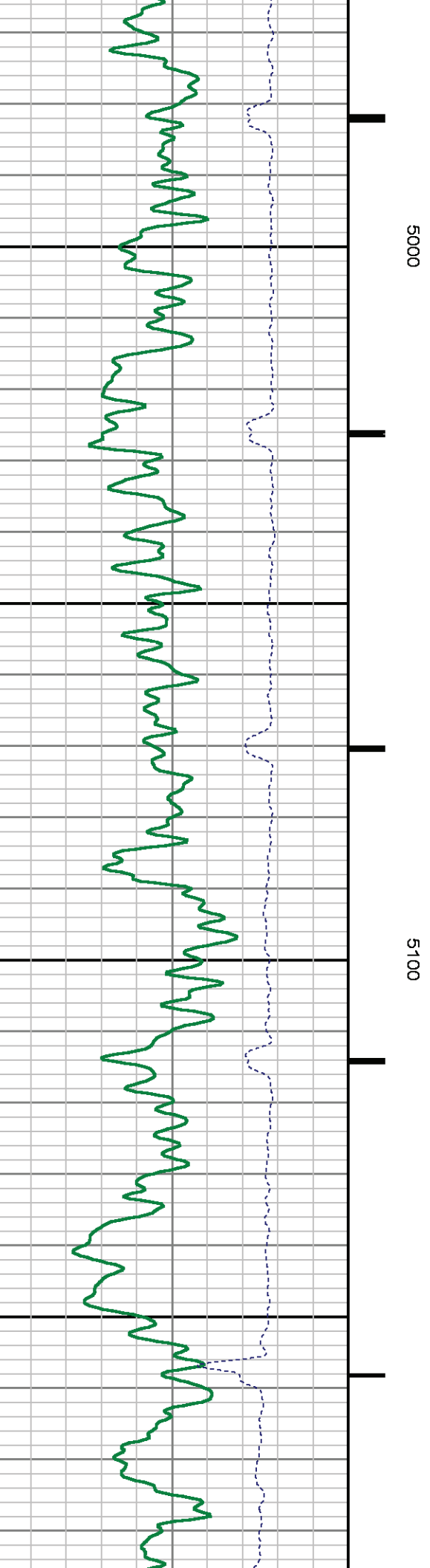
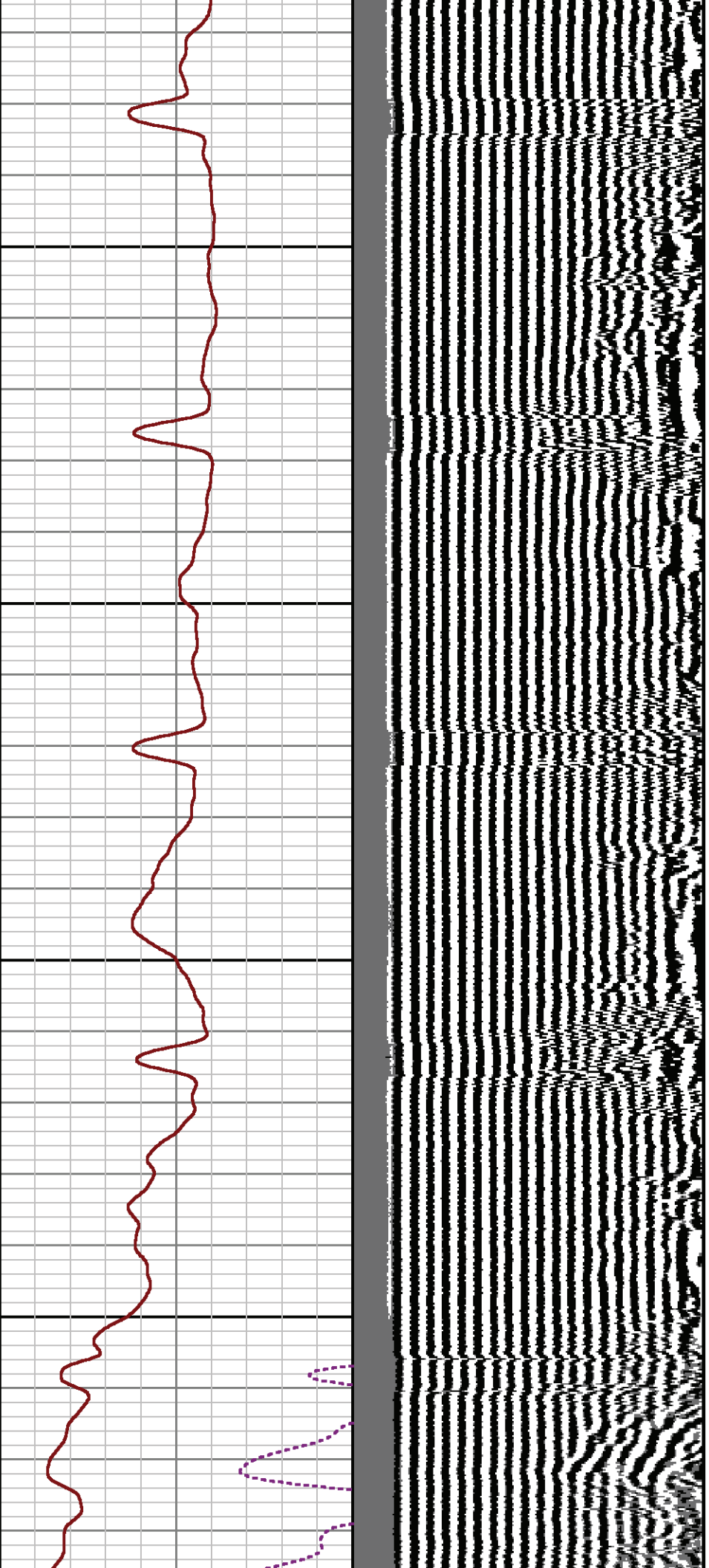


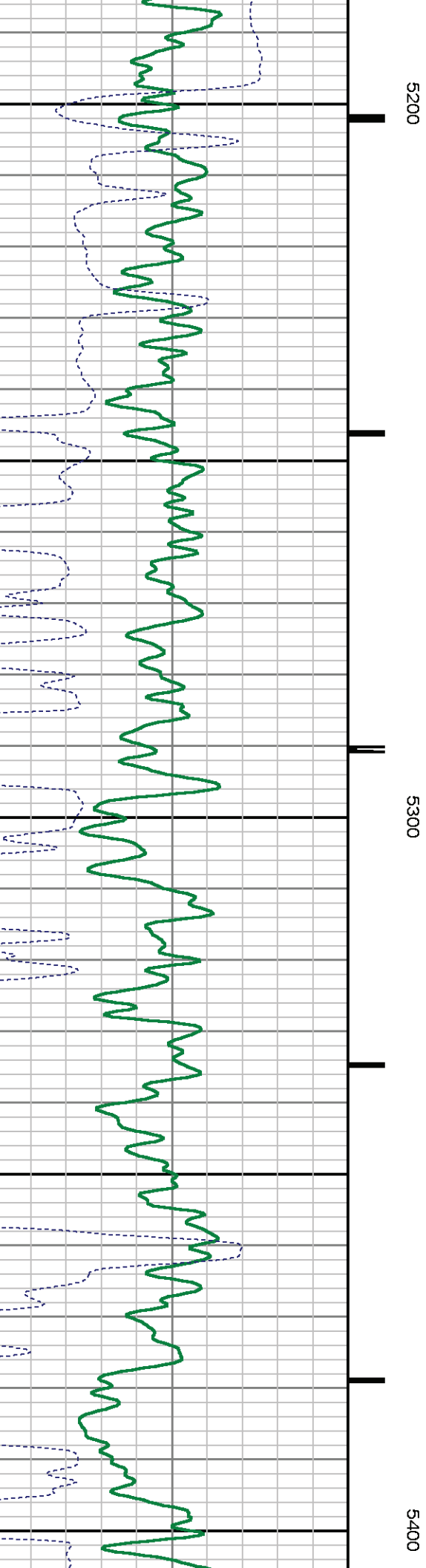
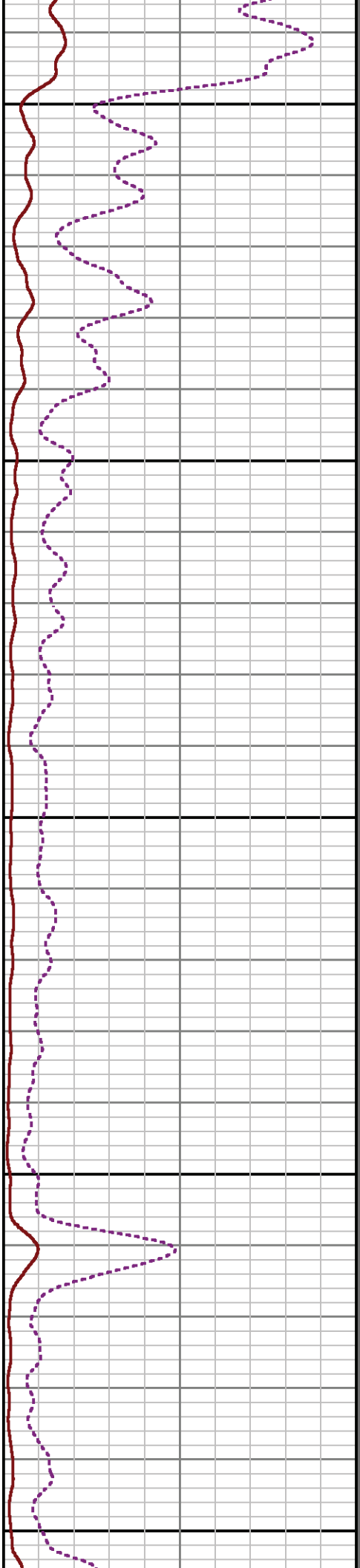
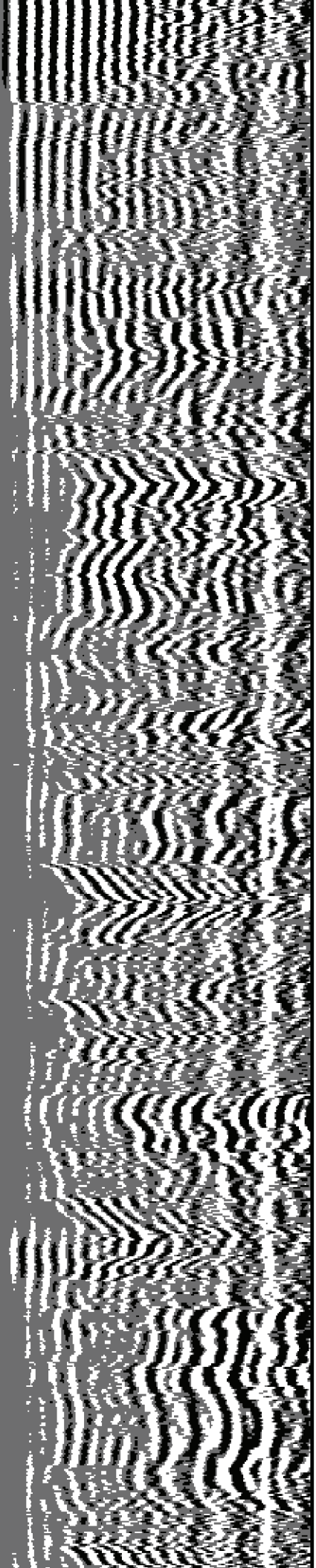


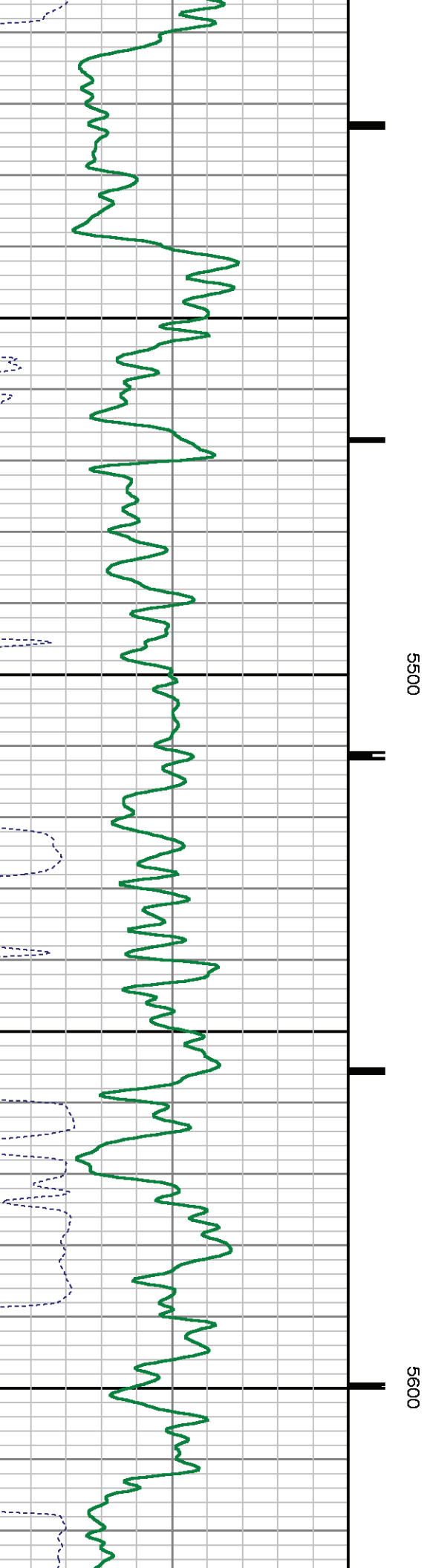
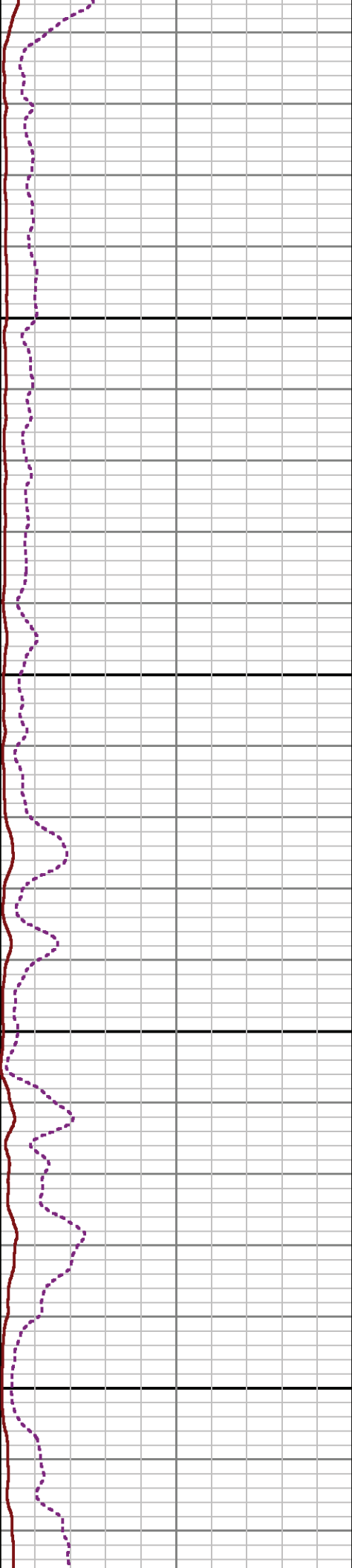
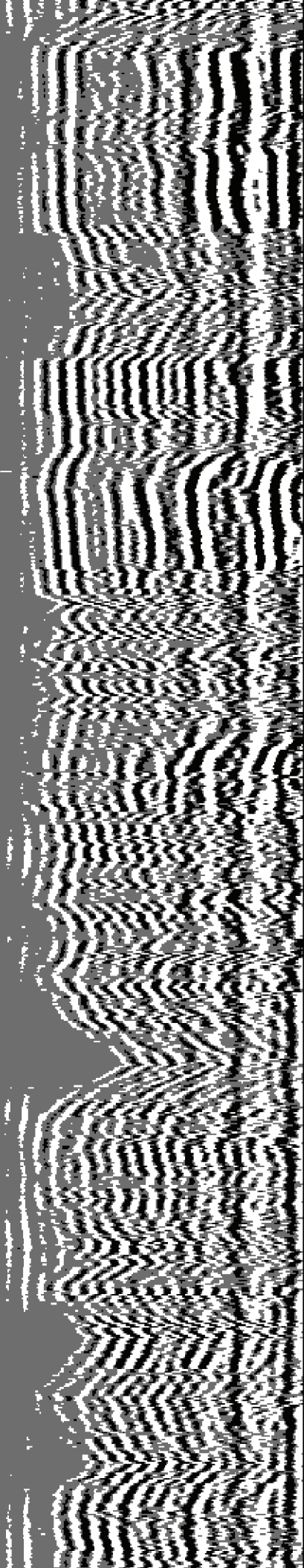


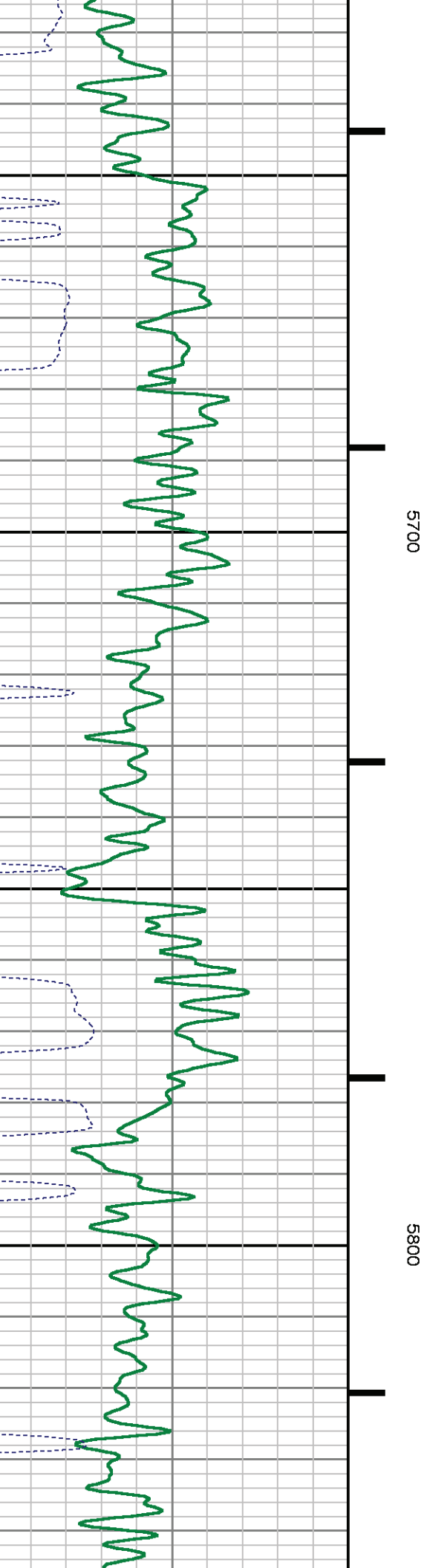
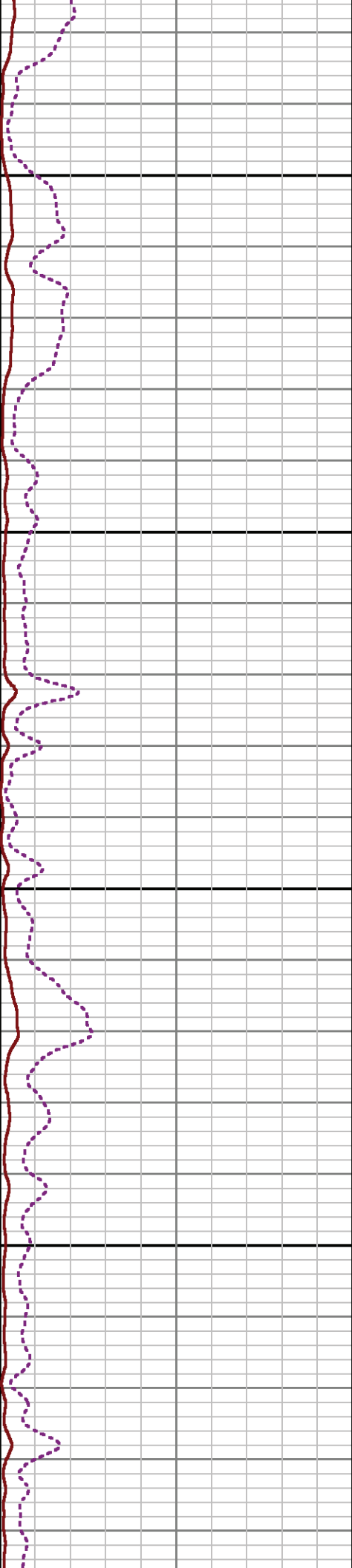
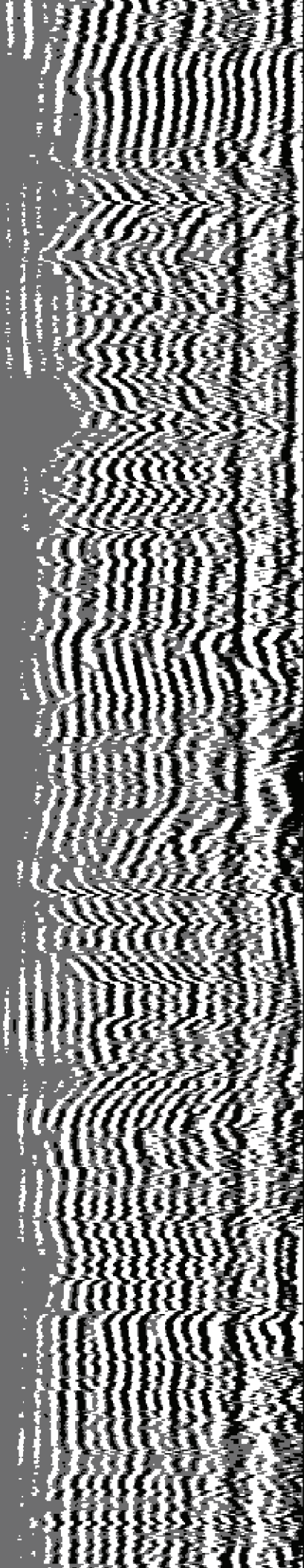


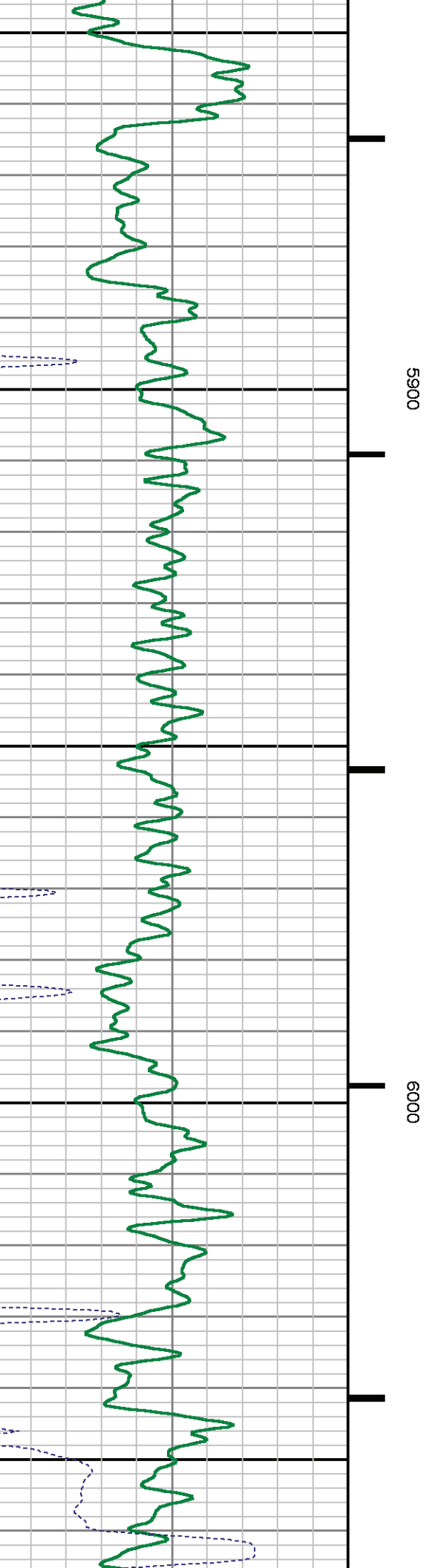
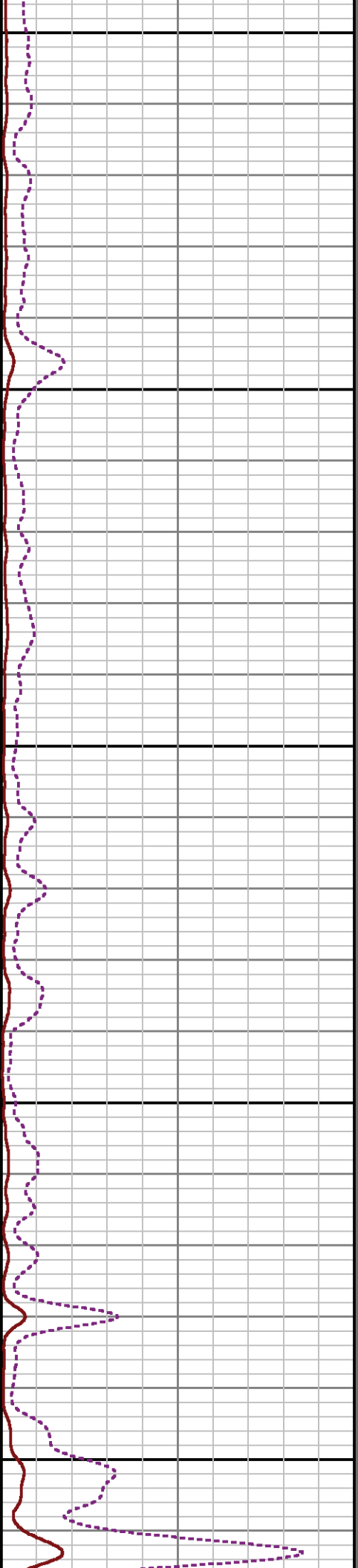
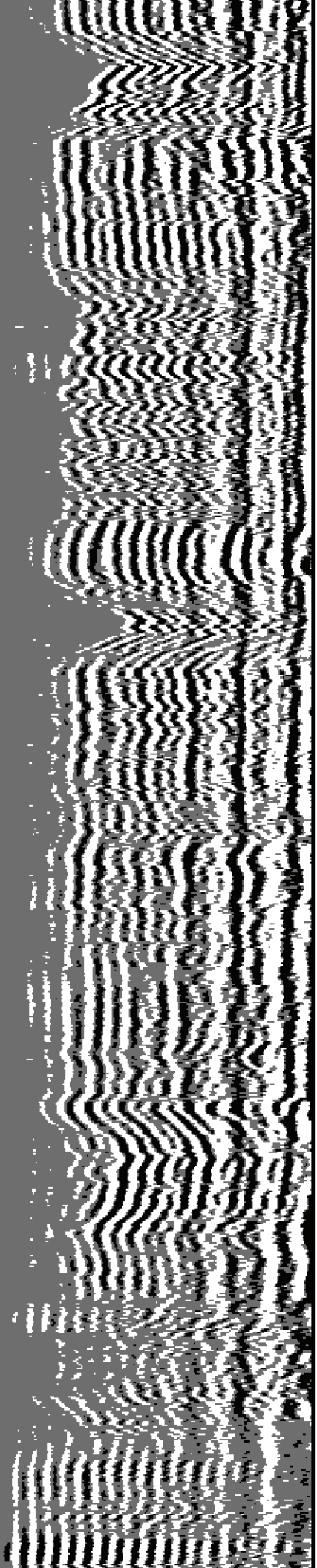


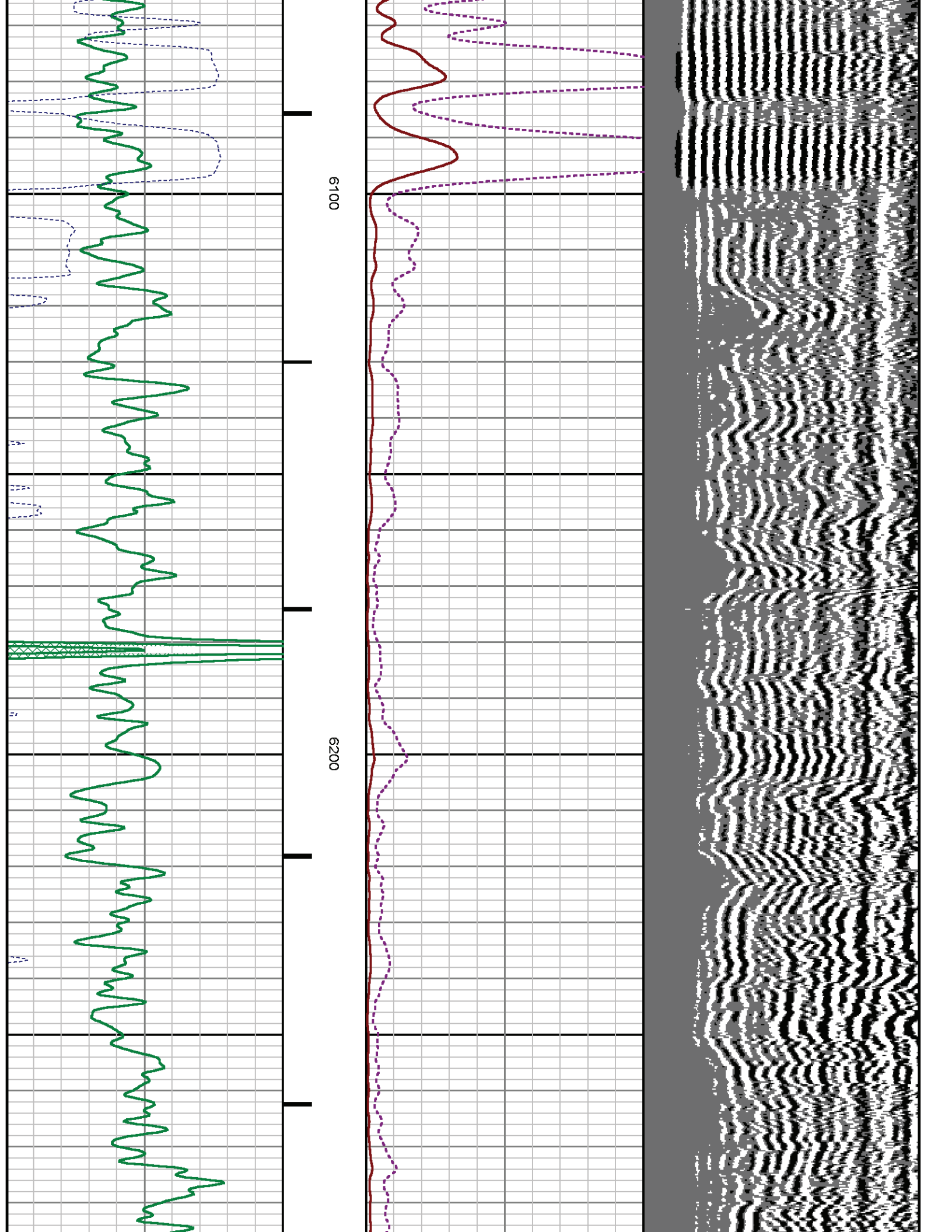


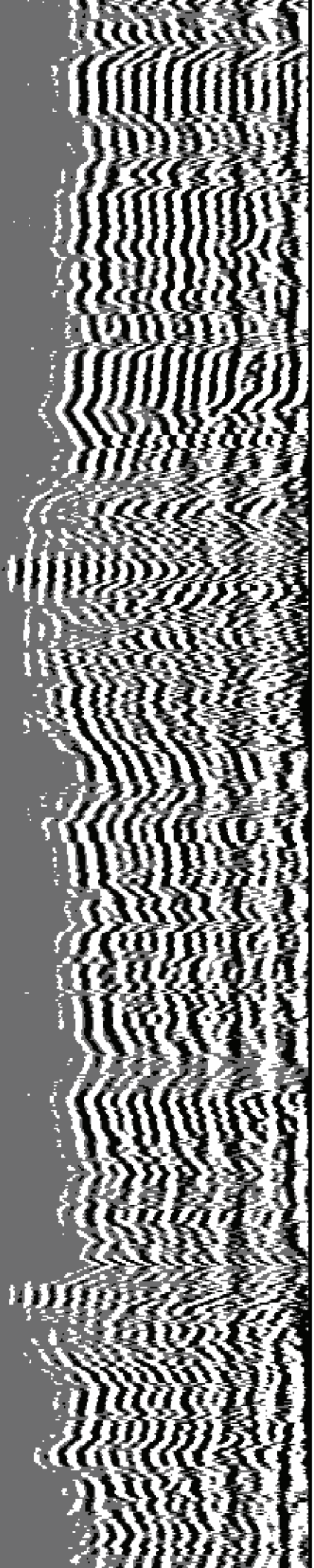








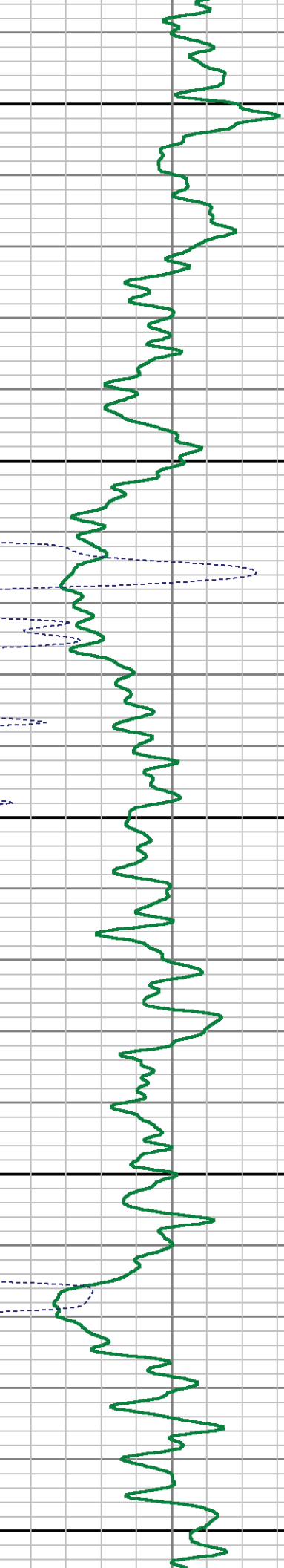


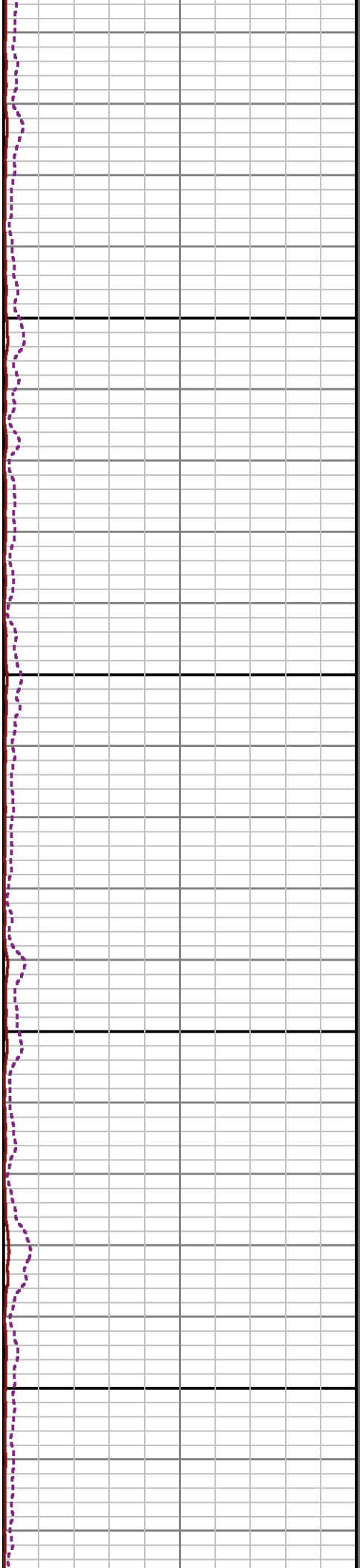


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6400

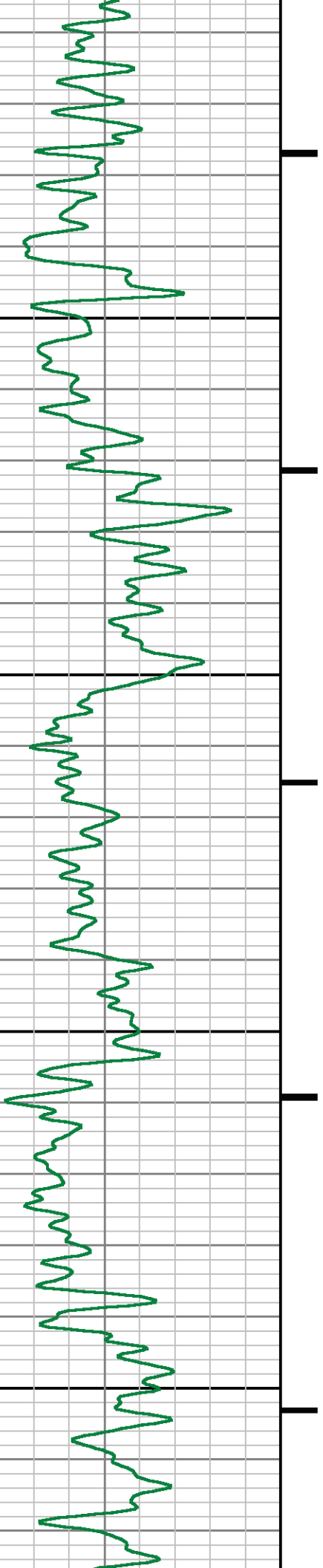
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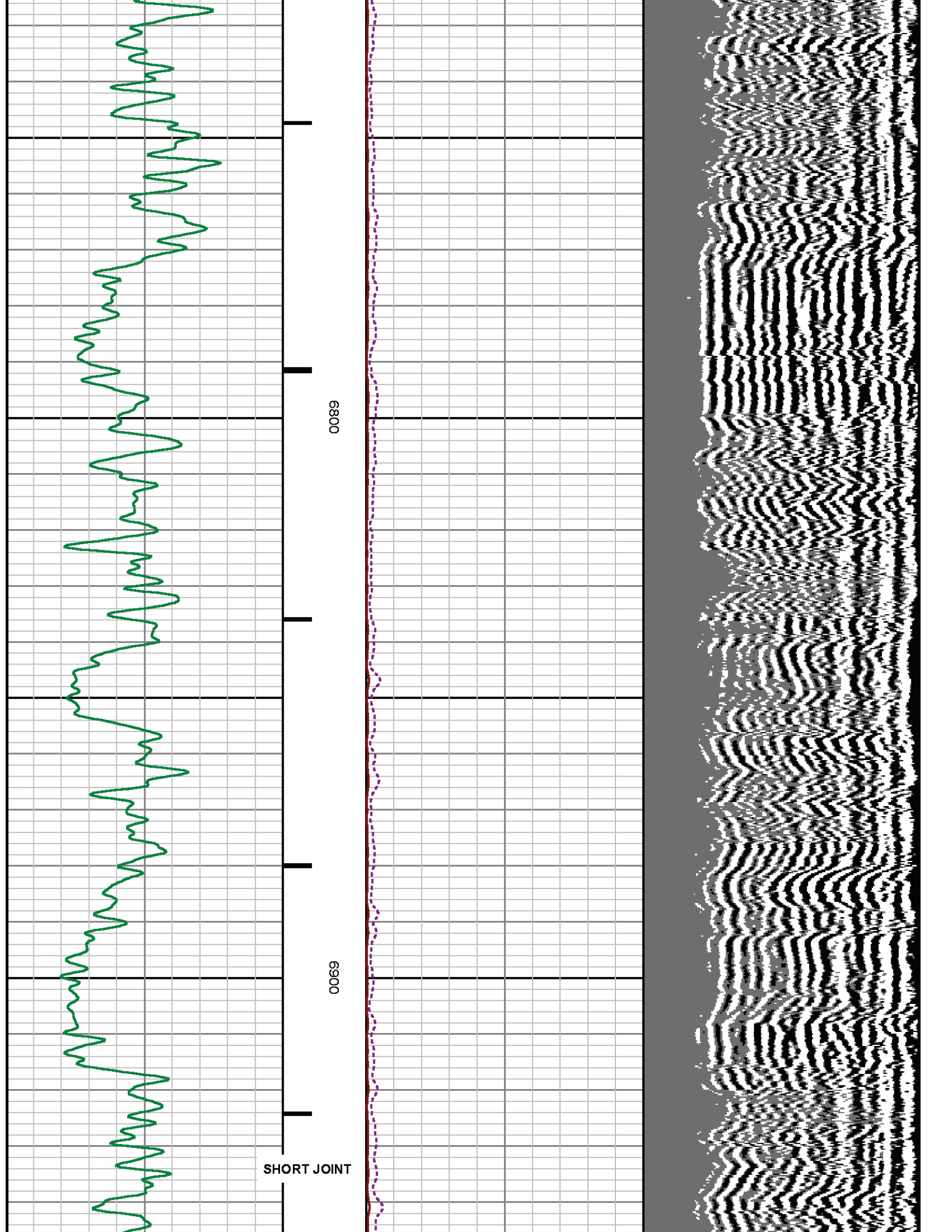


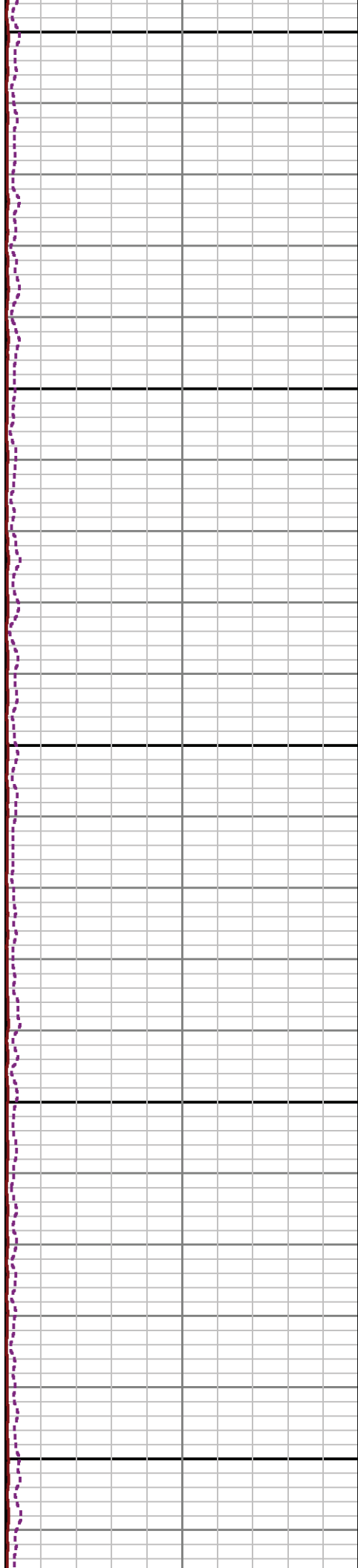
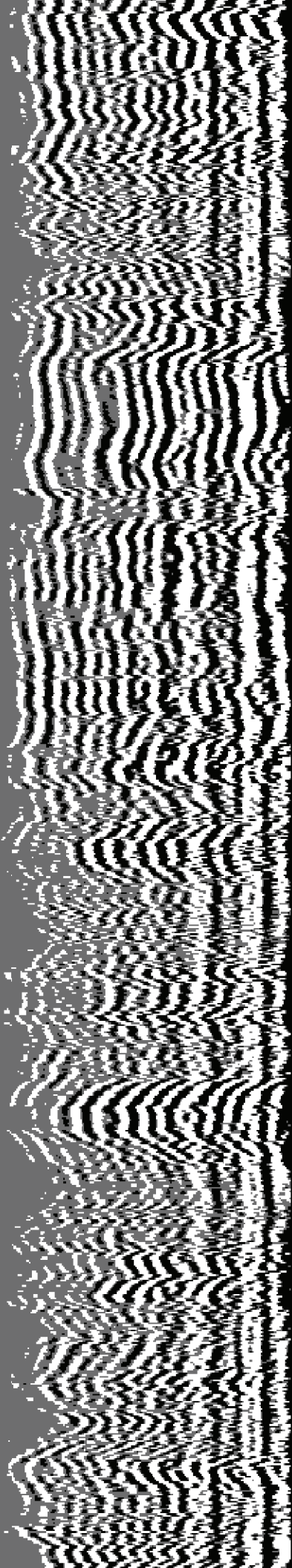


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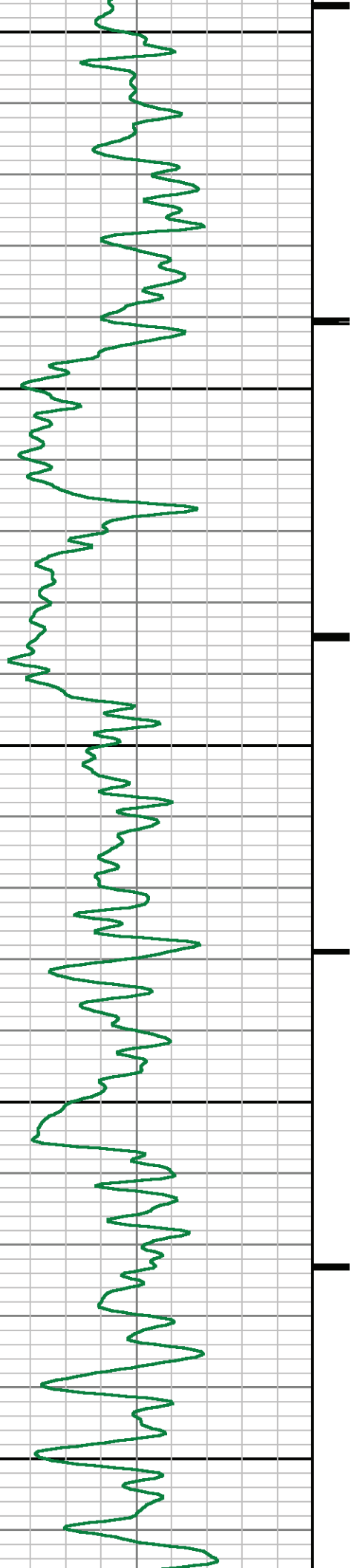


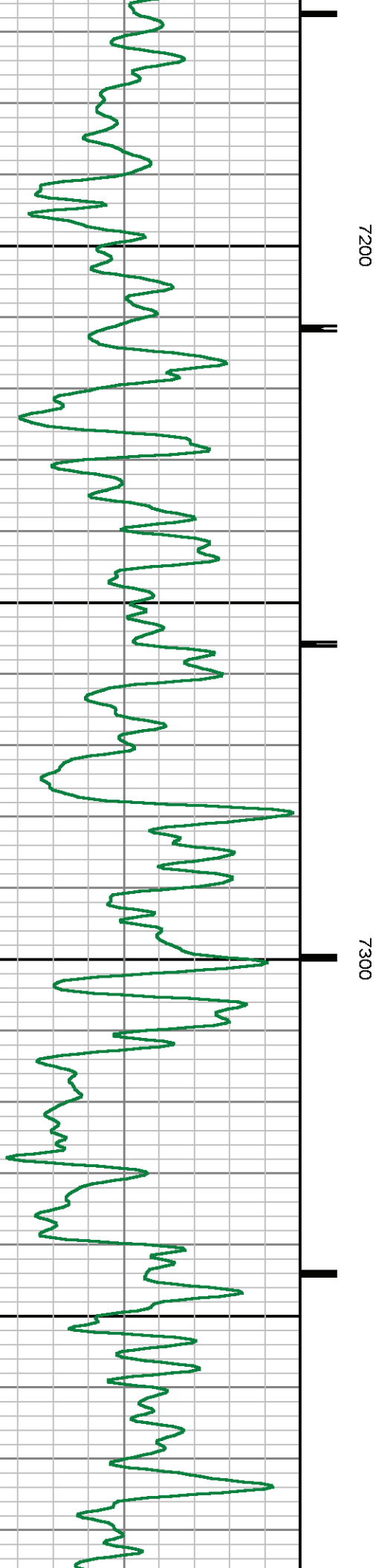
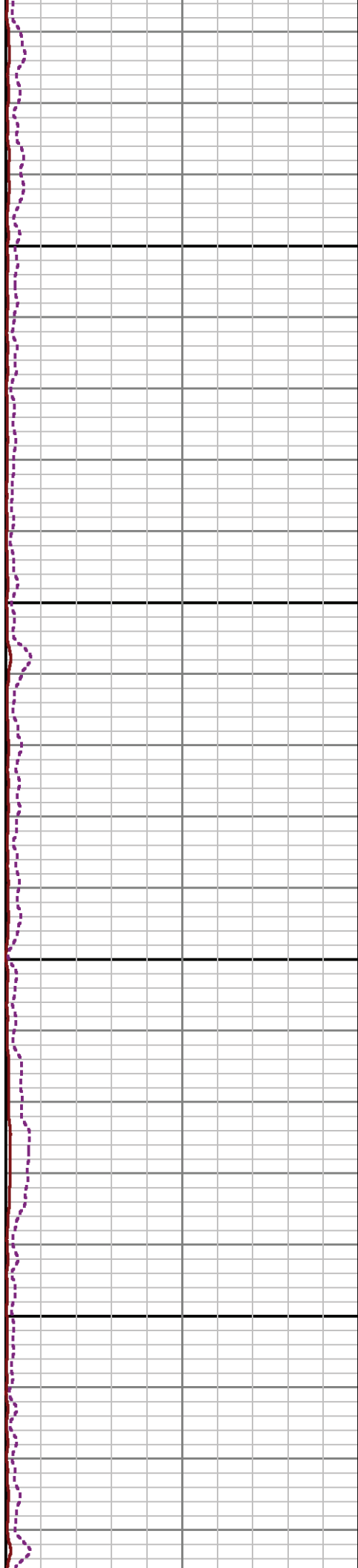
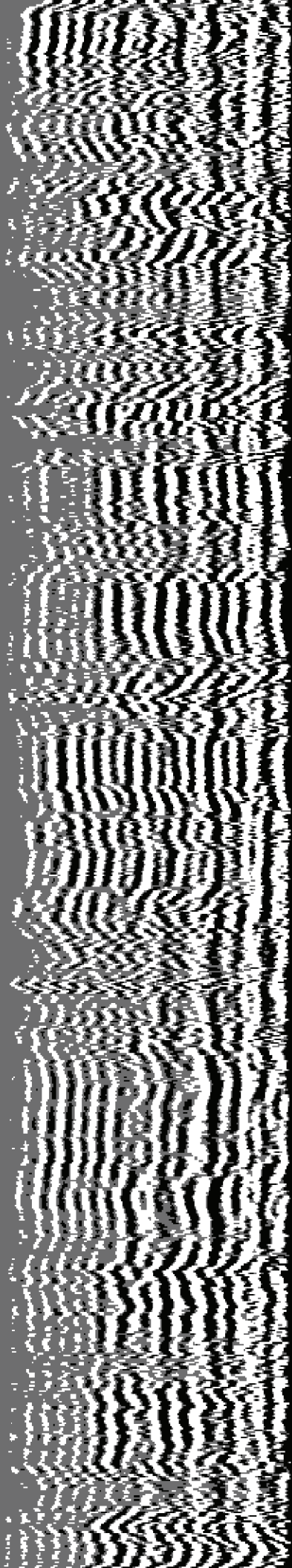


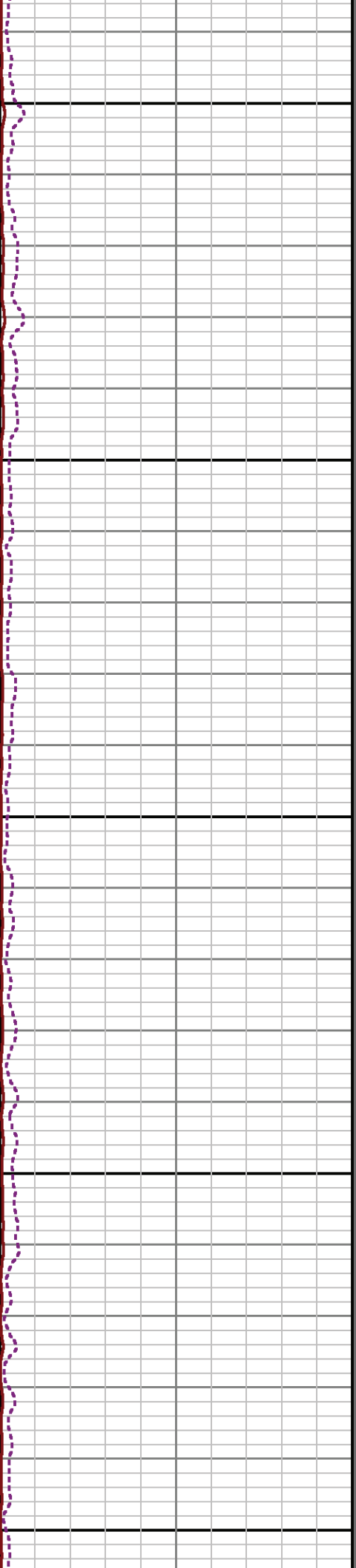
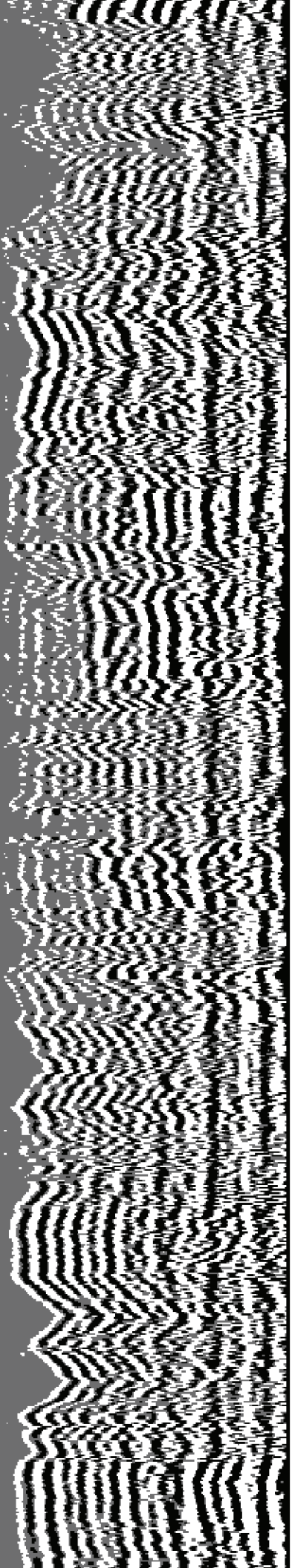


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7100



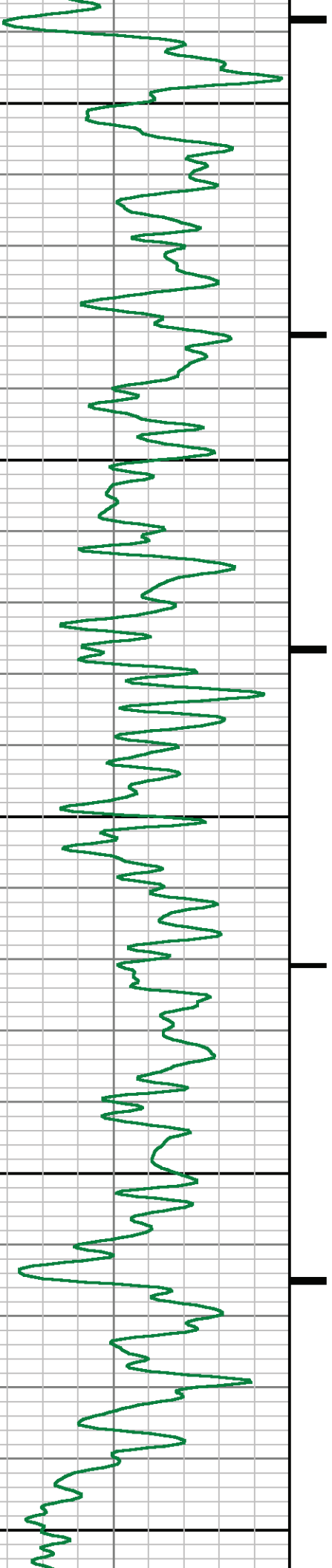


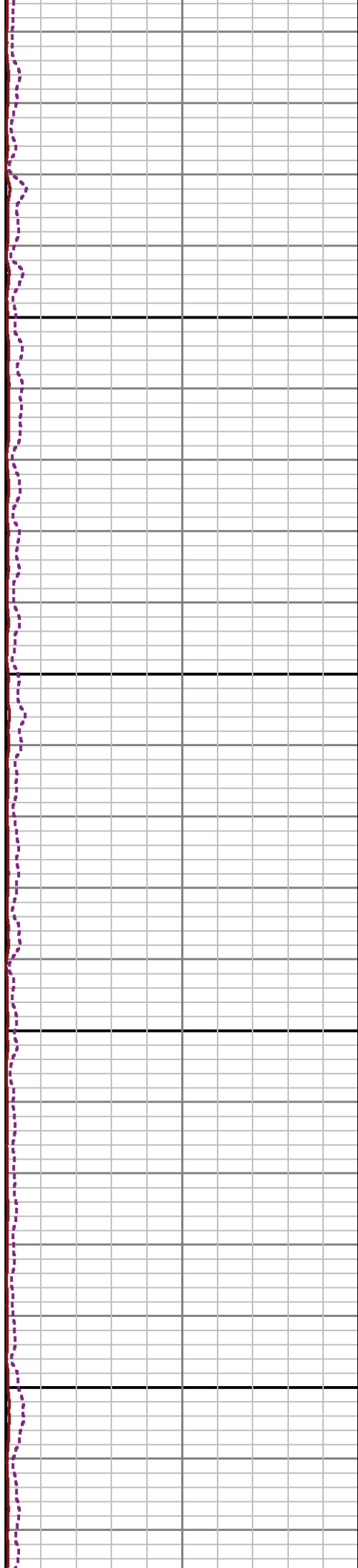
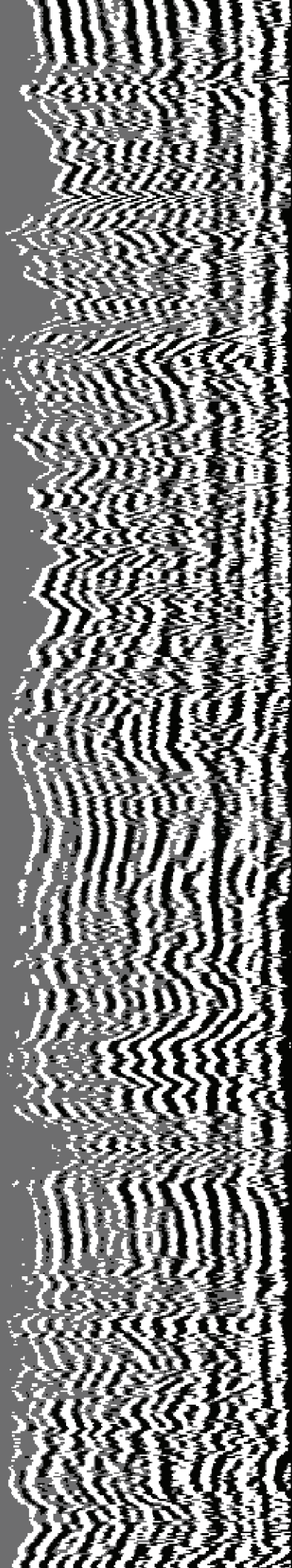


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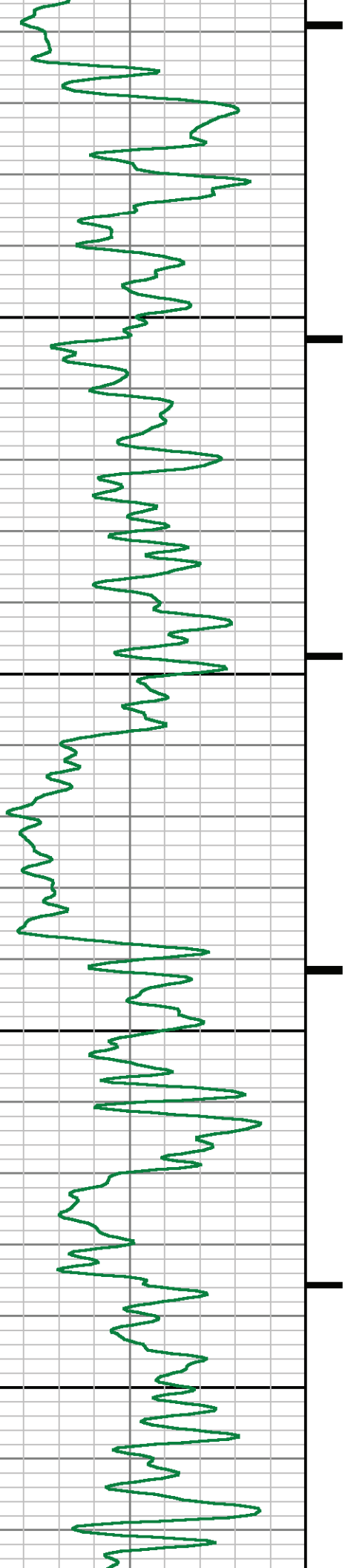
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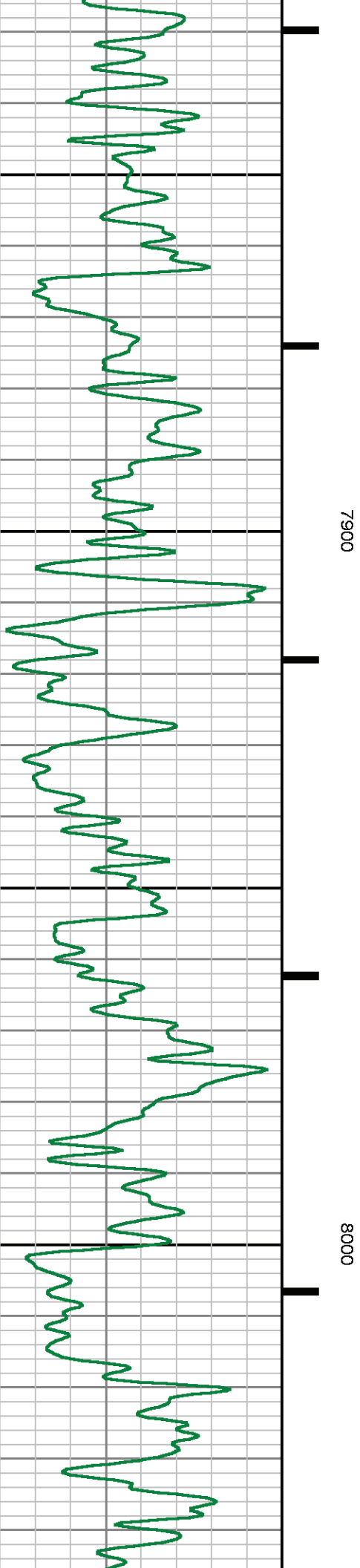
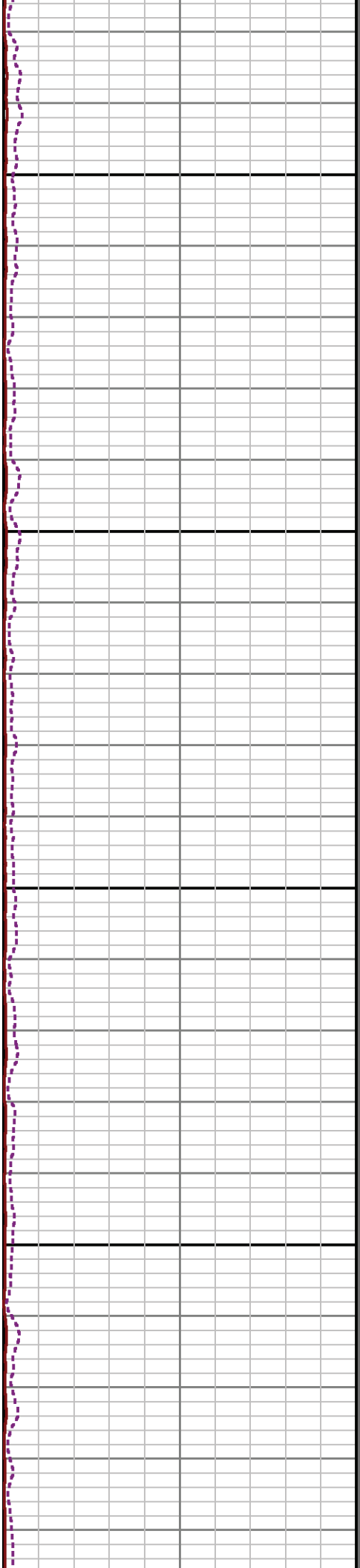
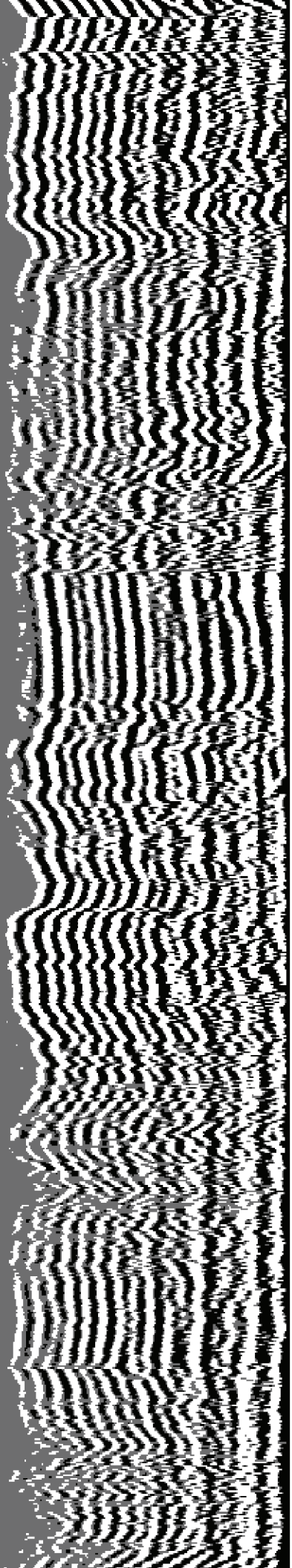


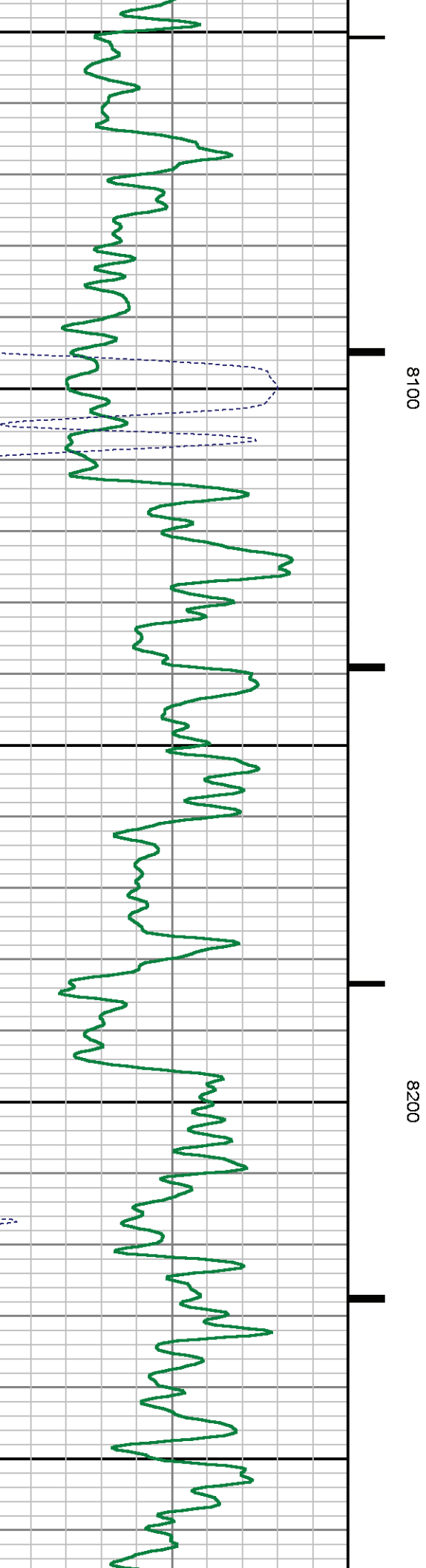
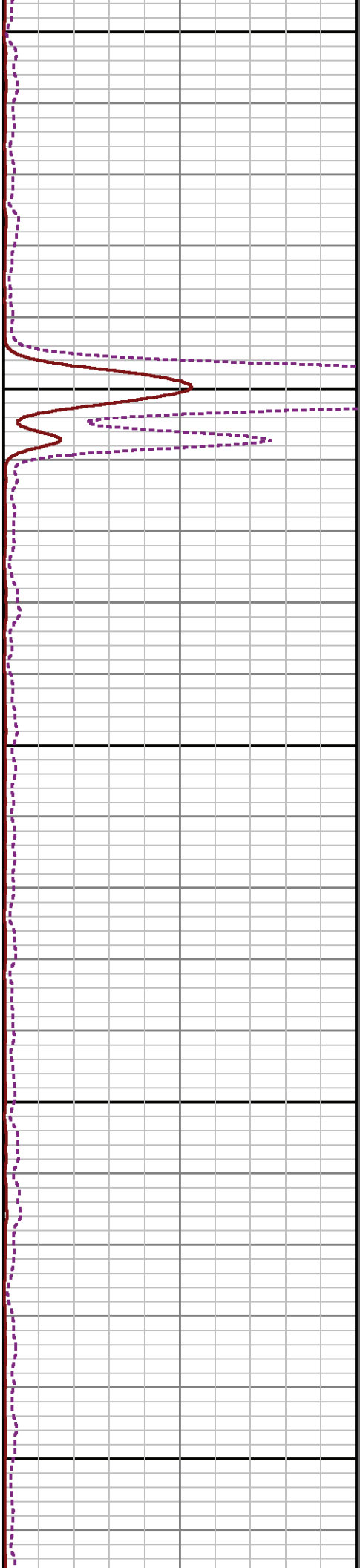
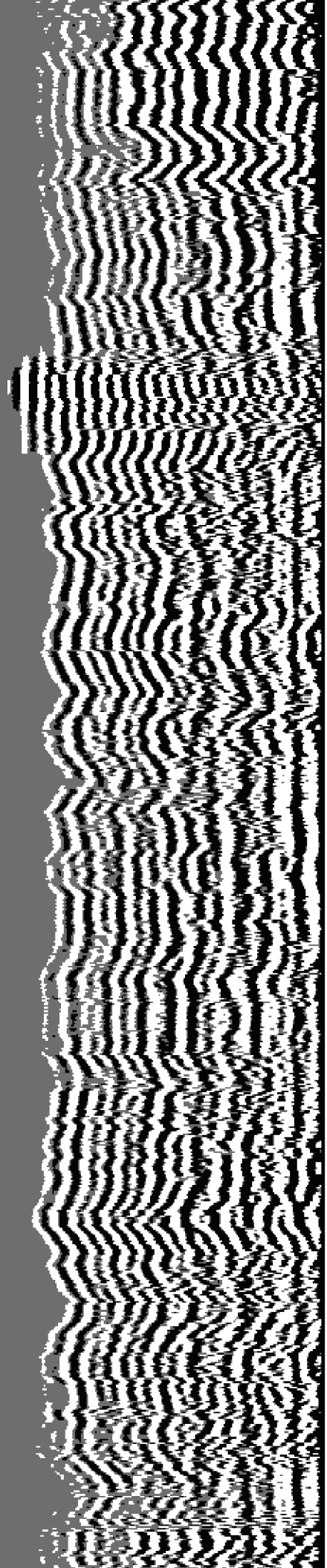


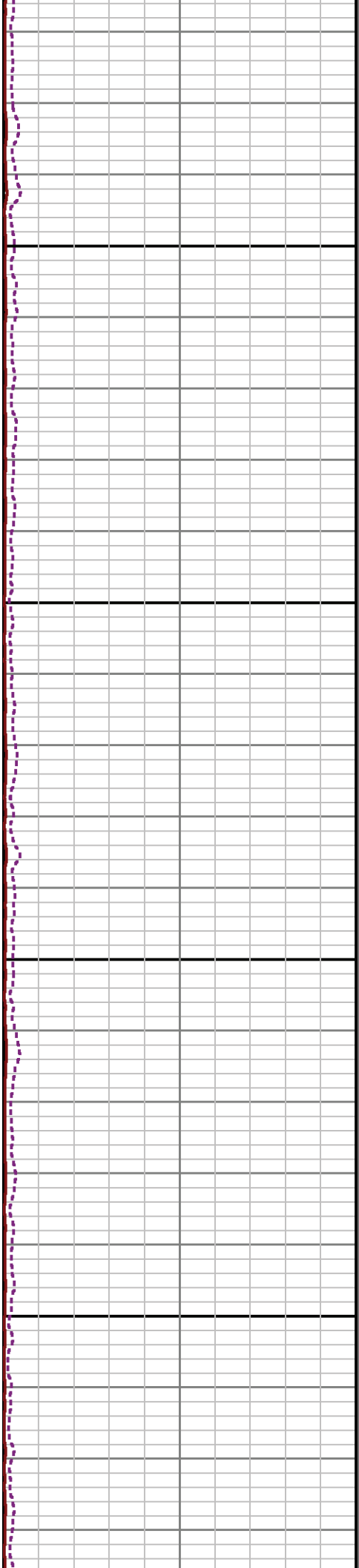
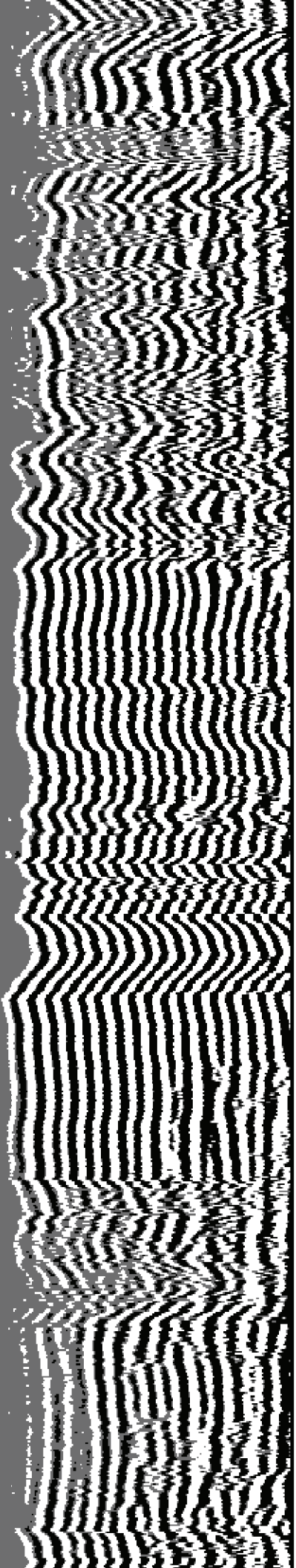
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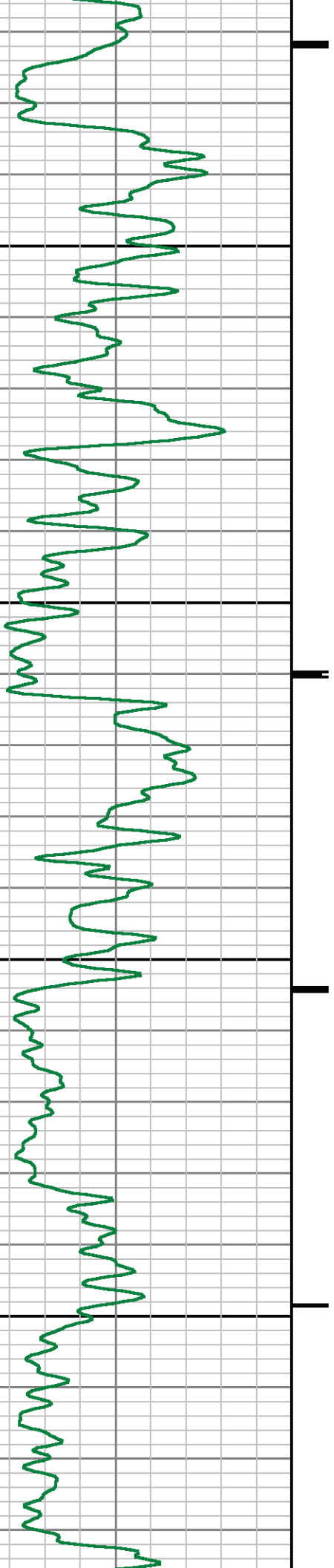






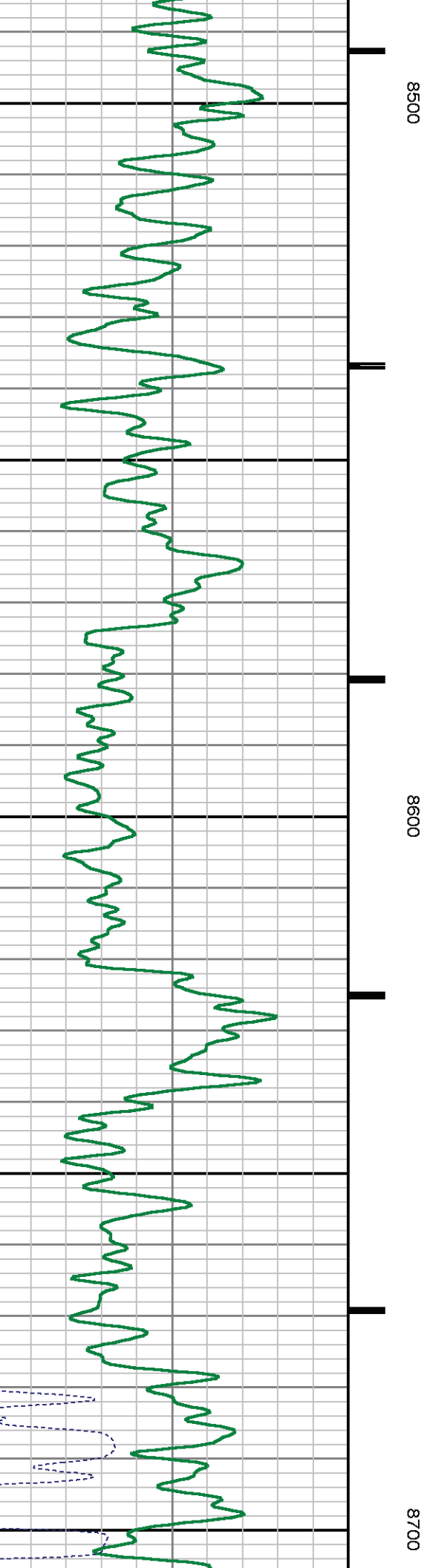
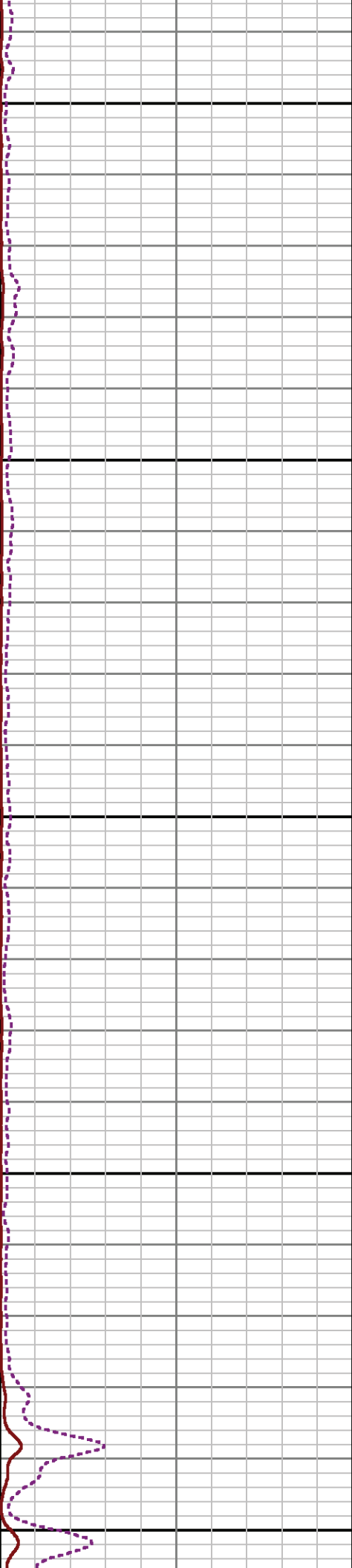
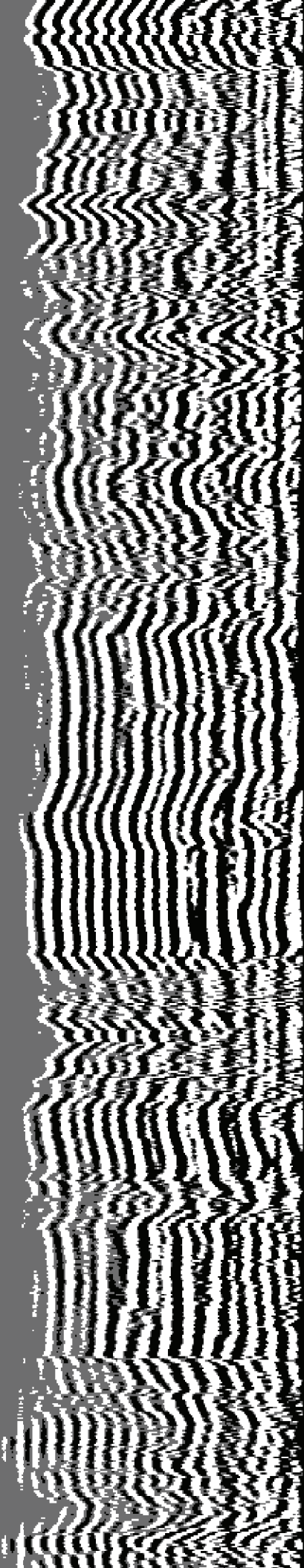
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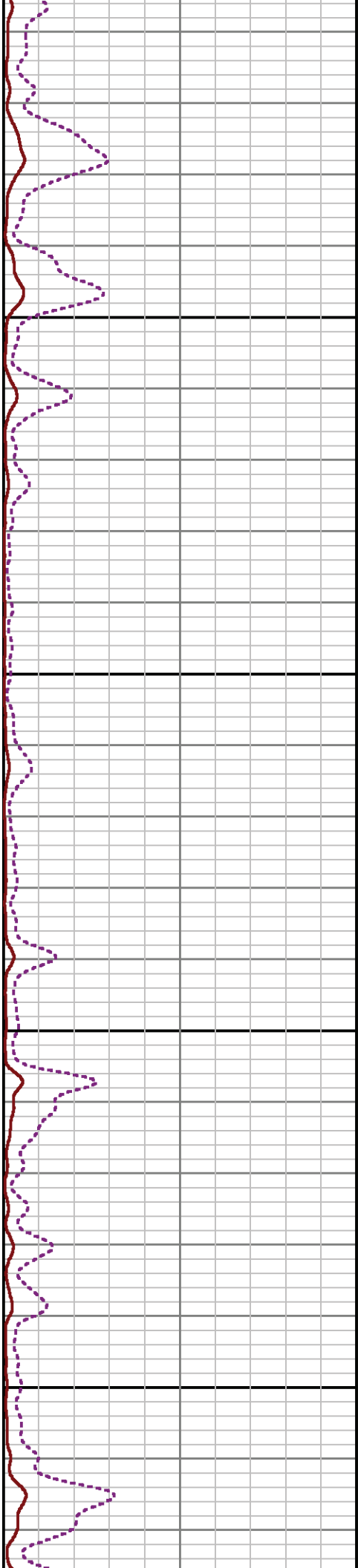
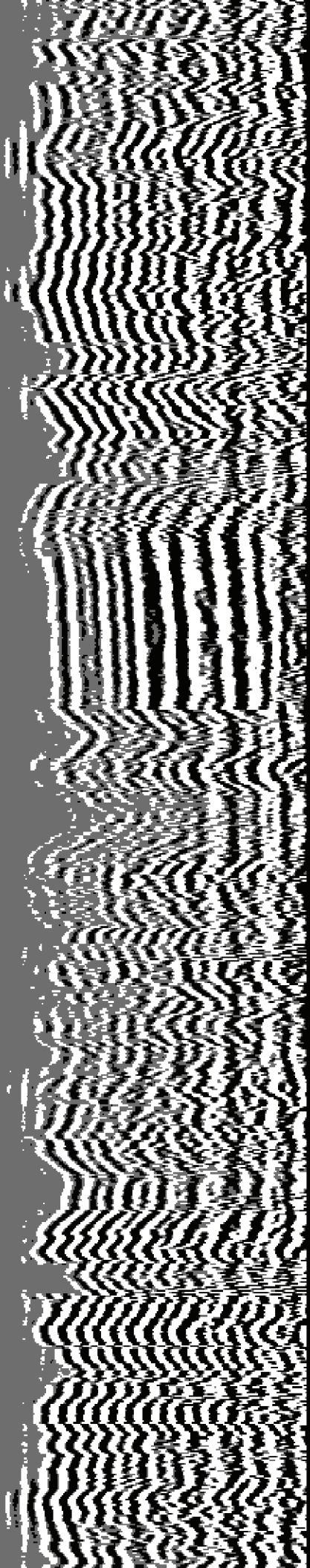
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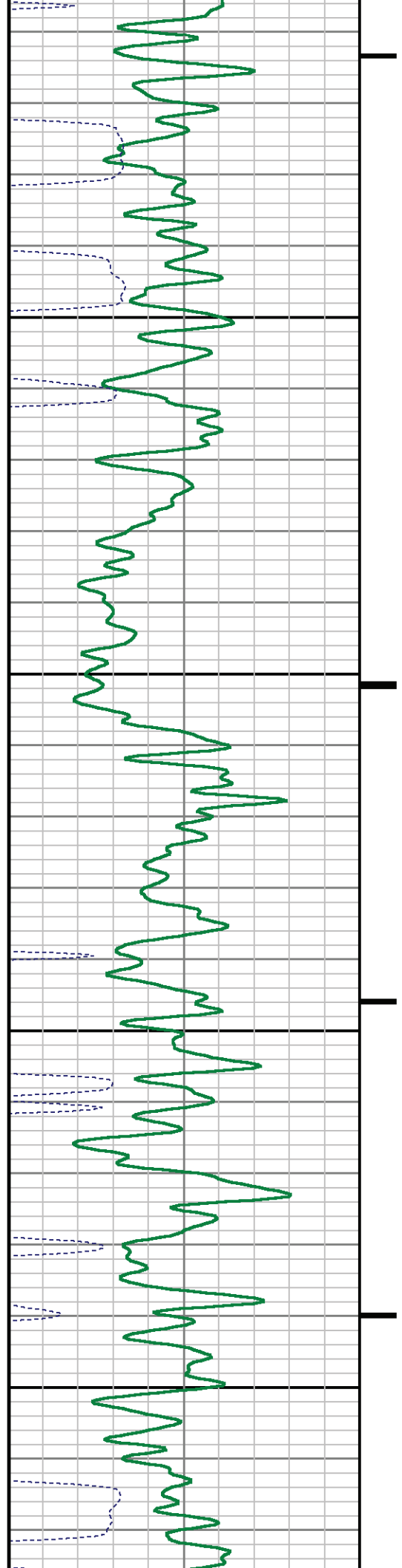
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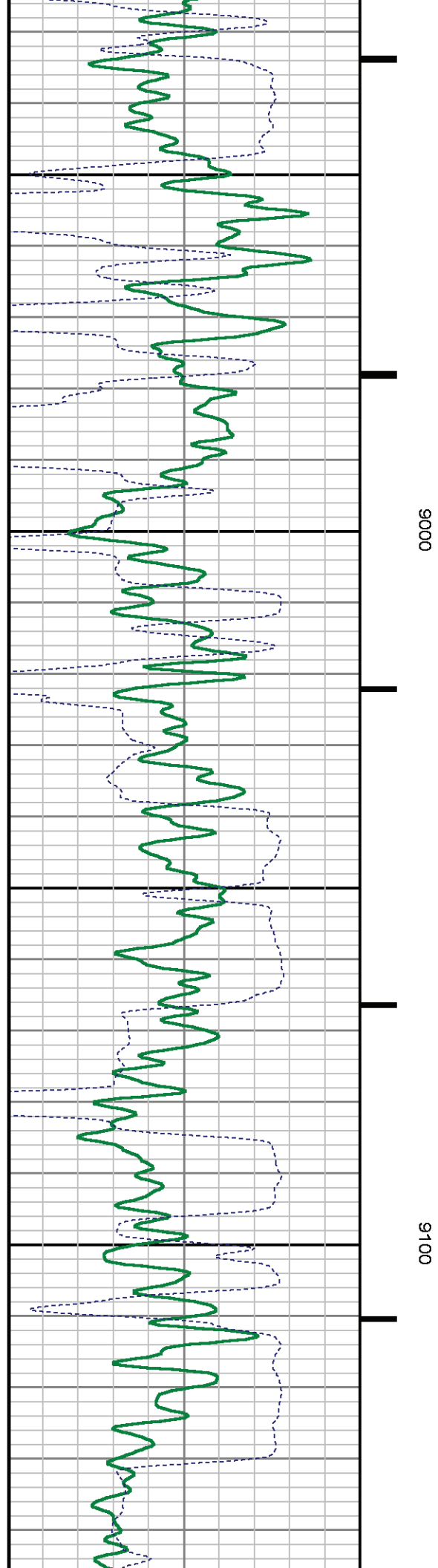
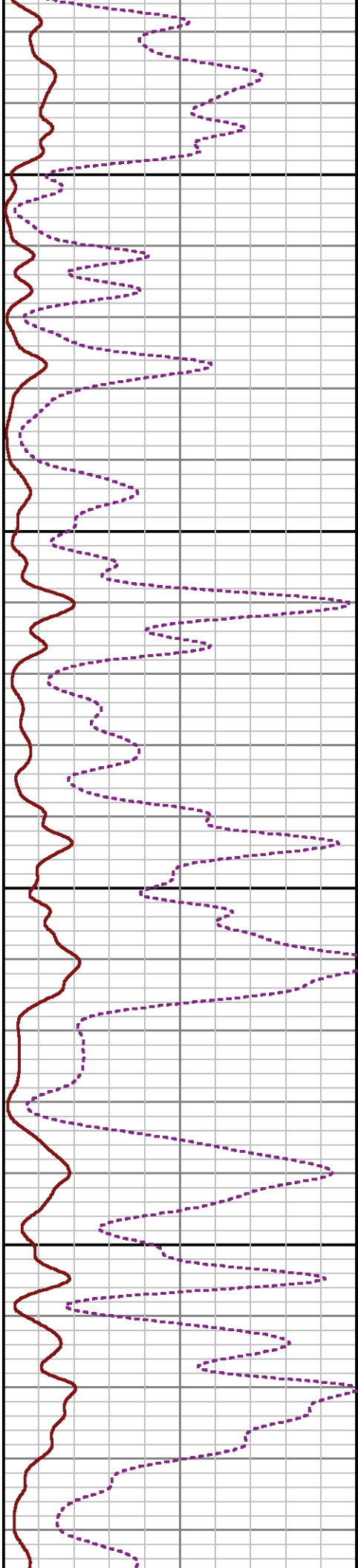
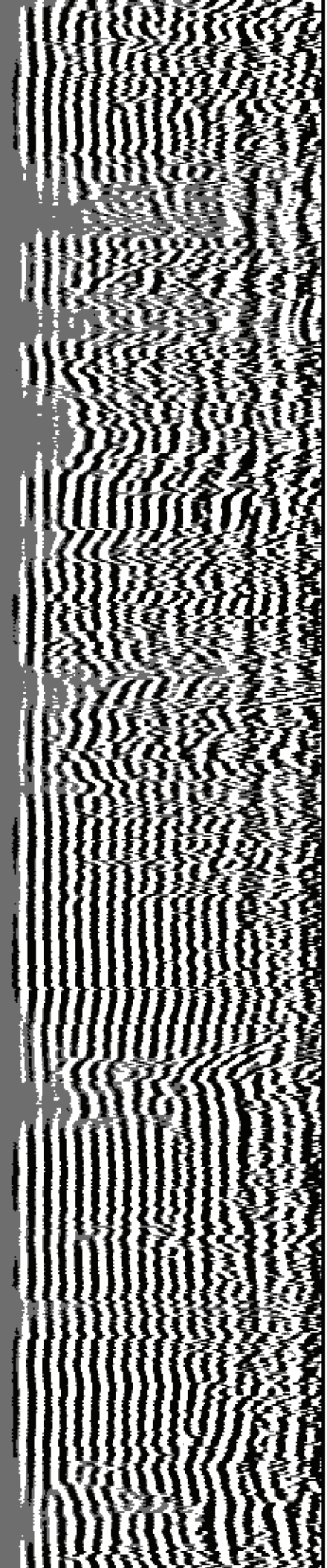


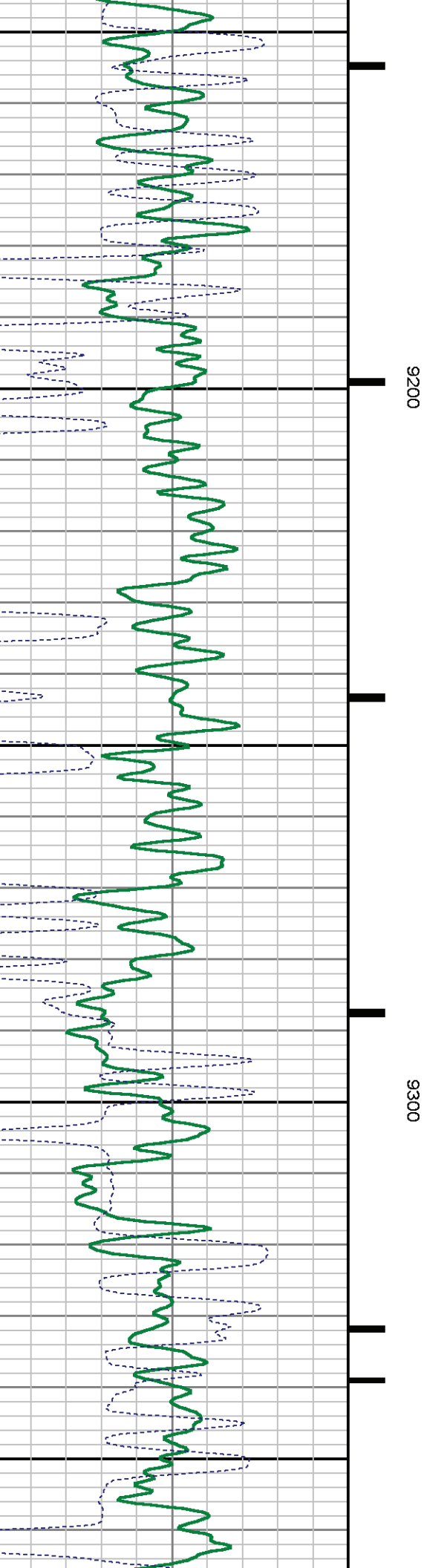
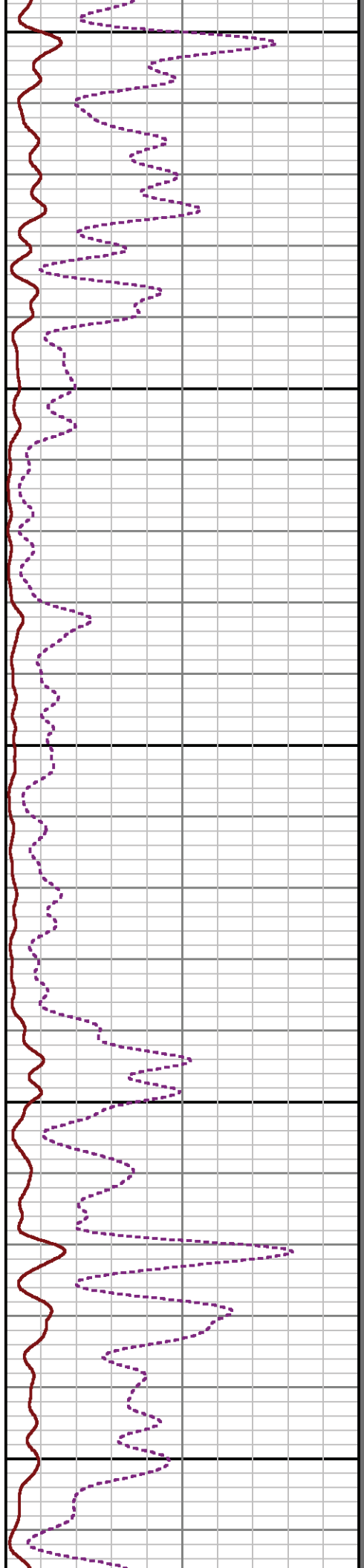
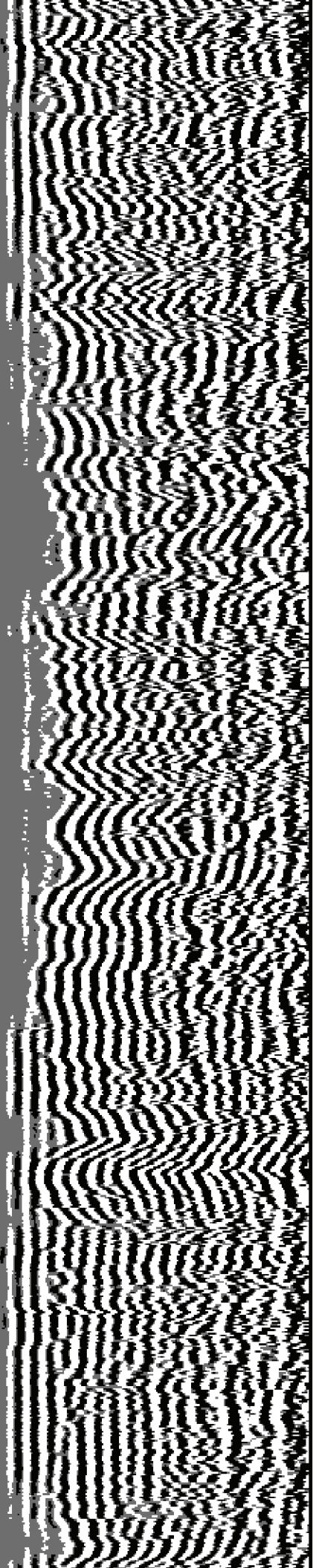


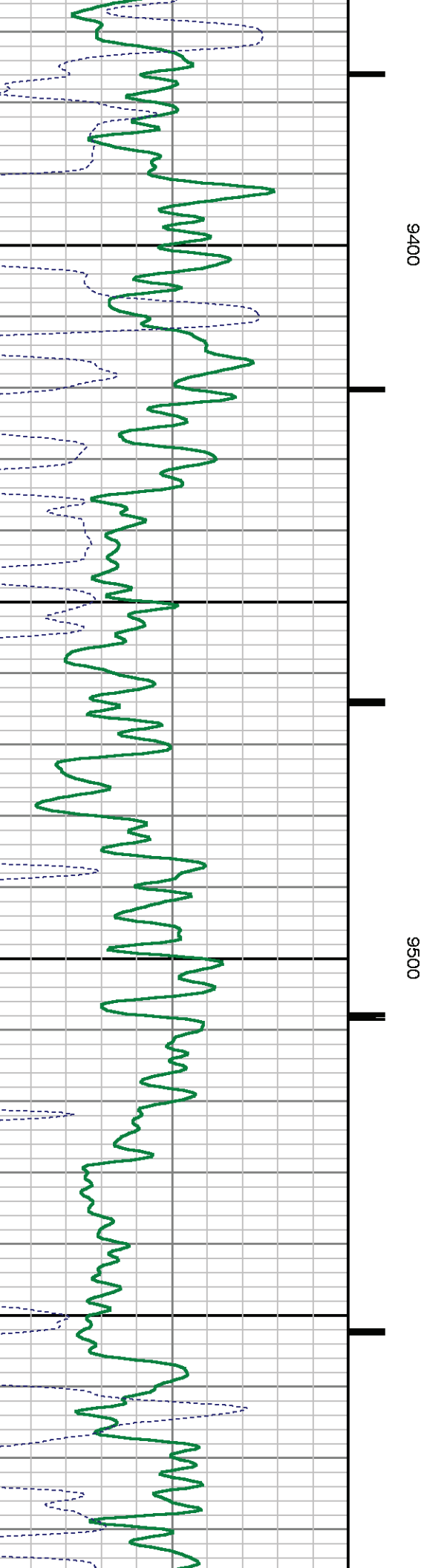
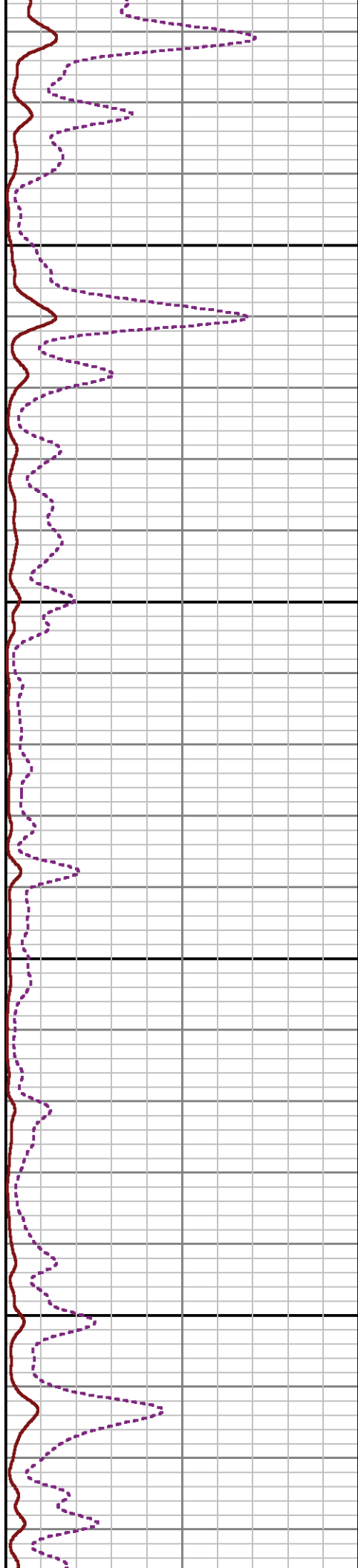
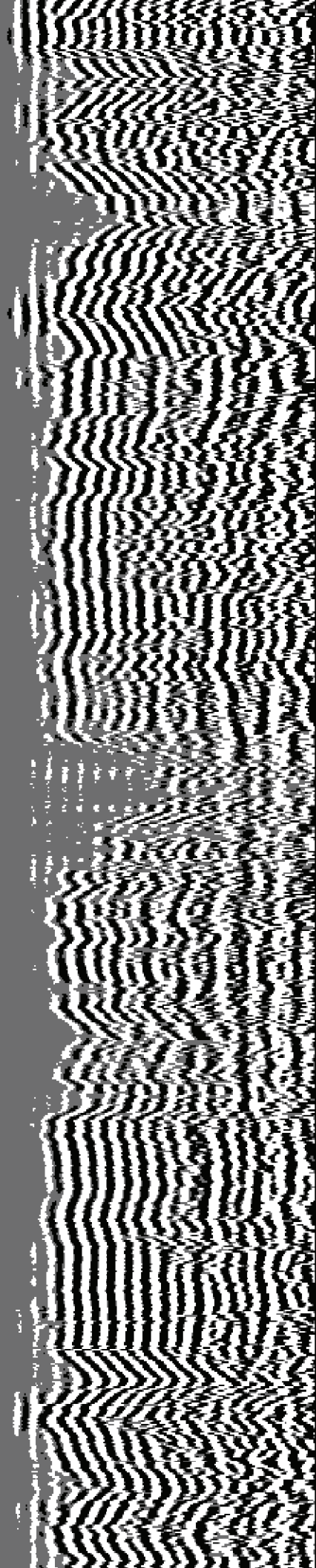
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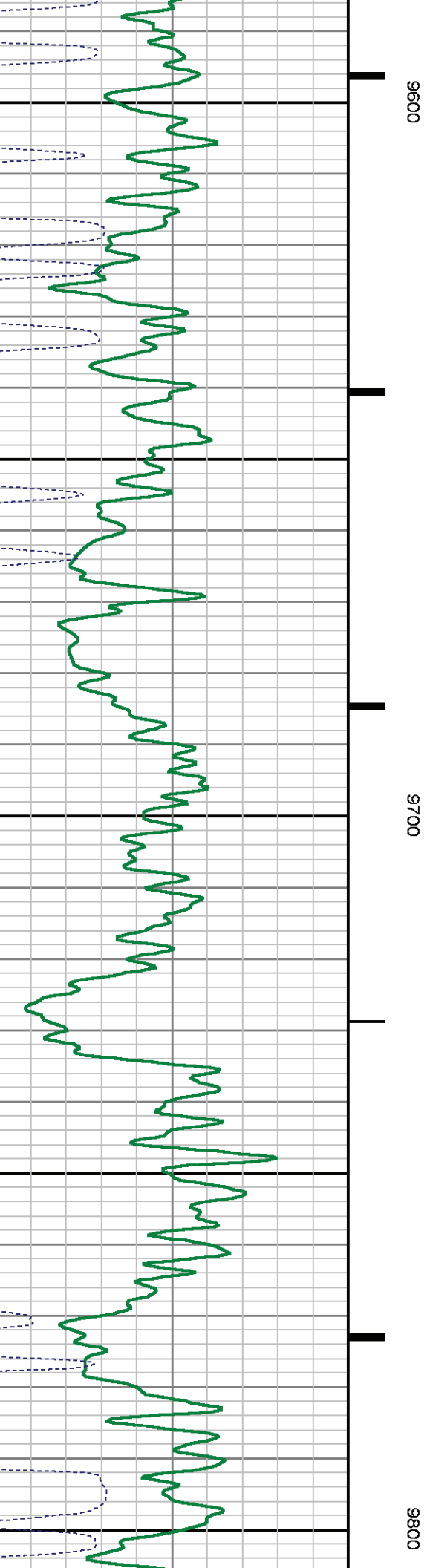
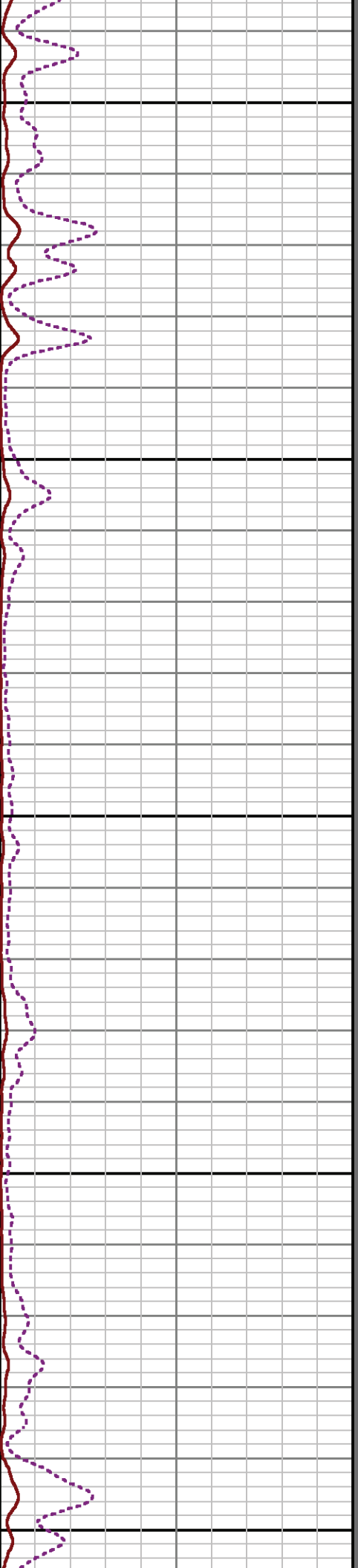
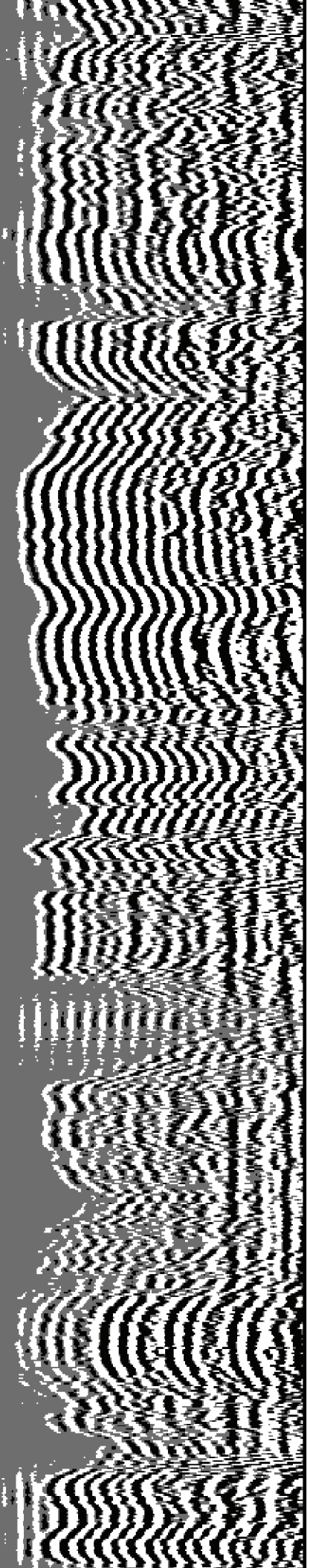
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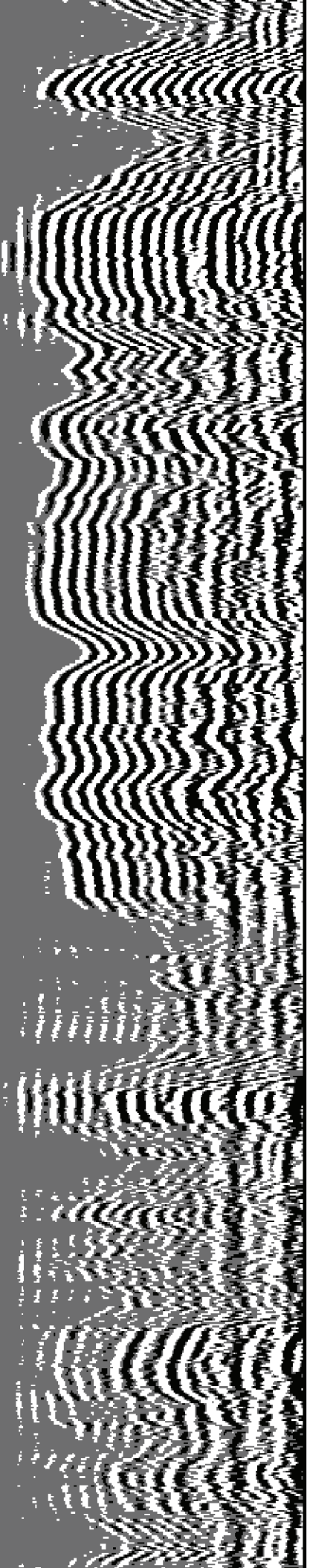






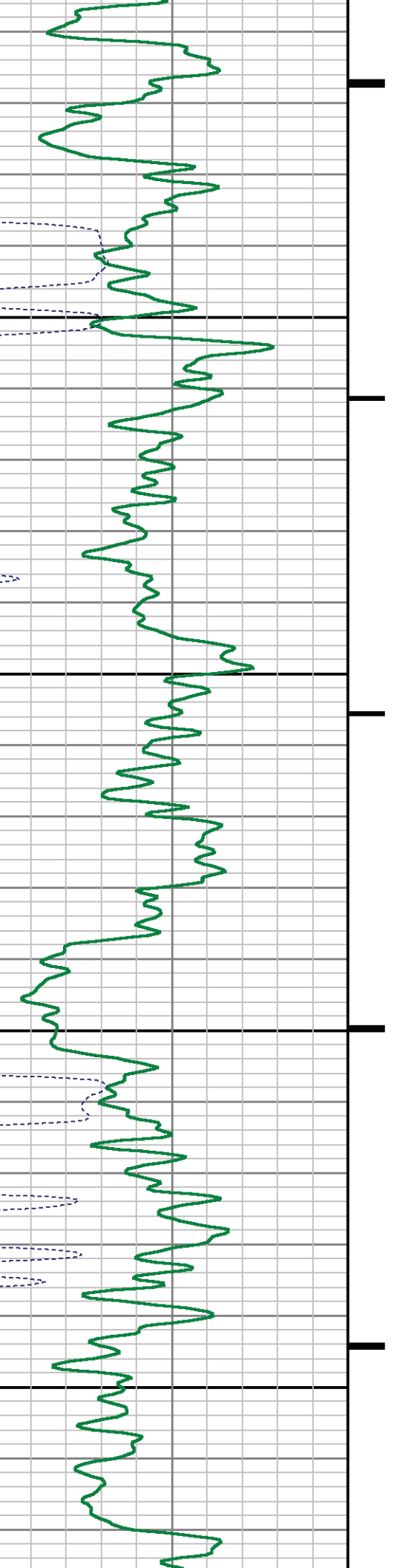


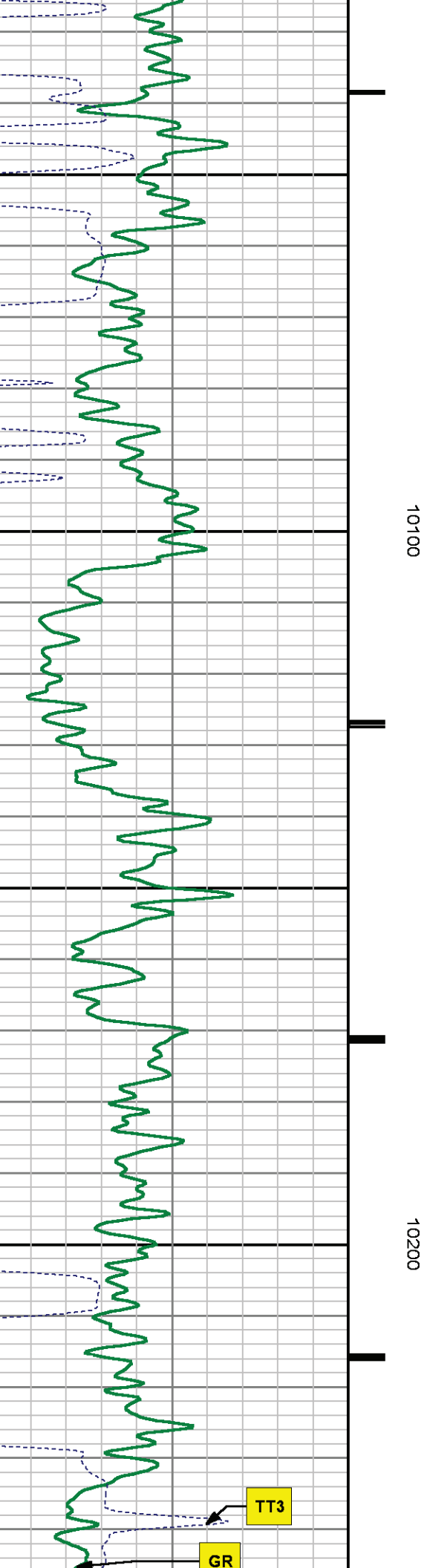
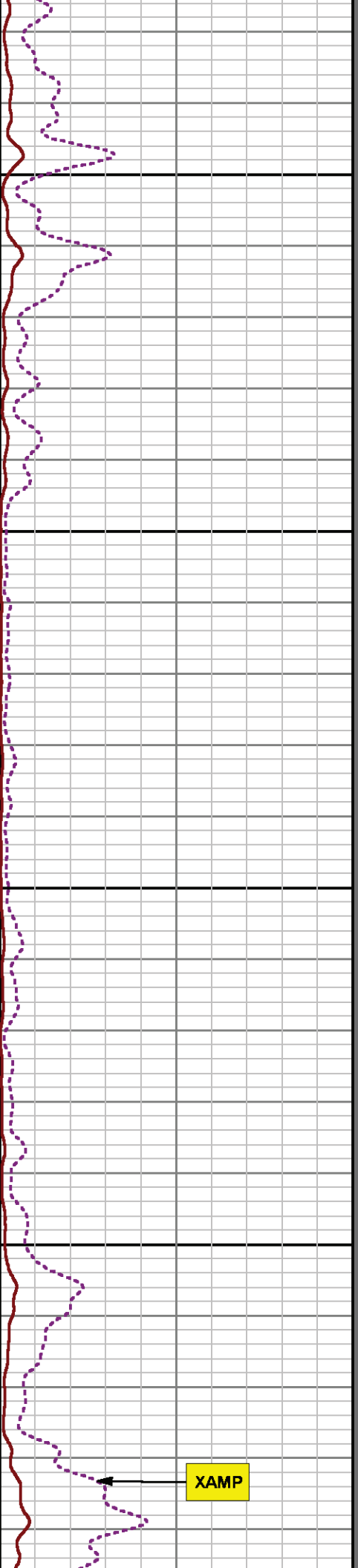
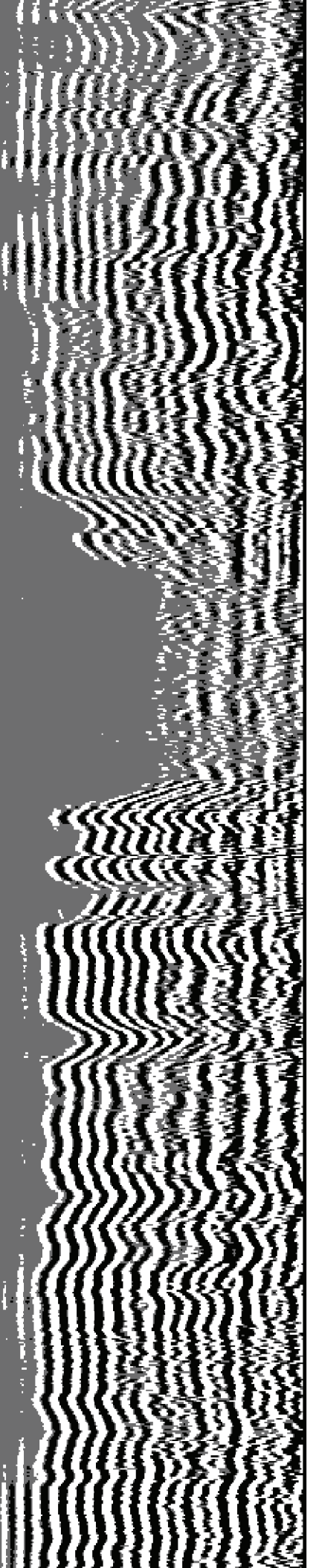


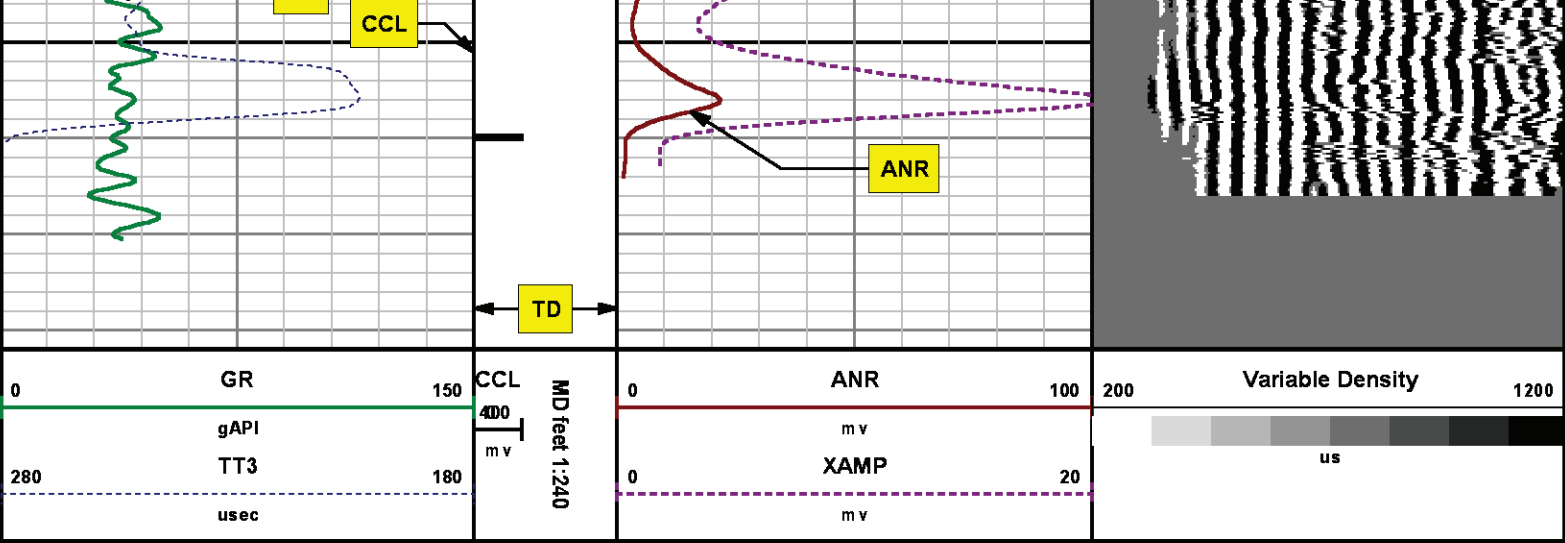


9900

10000







SECONDARY PRESENTATION

0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	u sec	36.187	10282.000
RAL	Amp Gate Start Near	195.000	u sec	36.187	10282.000
RAL	Amp Gate Start Radial	195.000	u sec	36.187	10282.000
RAL	Amp Gate Width Far	25.000	u sec	36.187	10282.000
RAL	Amp Gate Width Near	25.000	u sec	36.187	10282.000
RAL	Amp Gate Width Radial	25.000	u sec	36.187	10282.000
RAL	casing od	4.500	inches	36.187	10282.000
RAL	casing wt	11.600	lbm/ft	36.187	10282.000
RAL	FB Start Far	291.900	u sec	36.187	10282.000
RAL	FB Start Near	180.000	u sec	36.187	10282.000
RAL	FB Start Radial	180.000	u sec	36.187	10282.000
RAL	FB Thresh Far	15.000	mv	36.187	10282.000
RAL	FB Thresh Near	10.000	mv	36.187	10282.000
RAL	FB Thresh Radial	10.000	mv	36.187	10282.000
RAL	Fluid Travel Time	200.000	u sec/ft	36.187	10281.593

DEPTH OFFSETS