



# RADIAL ANALYSIS BOND LOG

Baker Atlas

File No: CH089579 Company WPX ENERGY

Well HICKS PA 43-6

Field PARACHUTE

County GARFIELD State COLORADO

API No: 05045224110000

## Location

SHL: 808' FSL & 2252' FWL

BHL: 2445' FSL & 382' FEL (NESE)

SEC 6 TWP 7S RGE 95W

## Other Services

RPM

Permanent Datum GL Elevation 5135 ft

Log Measured From KB 25 ft Above P. D.

Drill Measured From KELLY BUSHING

## Elevations

KB 5160 ft

DF

GL 5135 ft

Date	18/AUG/14	
Run	ONE	
Service Order	US089579J	
Depth Driller	7695 ft	
Depth Logger	7661 ft	
Bottom Logged Interval	7651 ft	
Top Logged Interval	25 ft	
Time Started	0700	
Time Finished	1200	
Operator Rig Time	5 HRS	
Type of Fluid in Hole	WATER	
Fluid Density	NA	
Salinity	NA	
Fluid Level	65 ft	
Logged Cement Top	NA	
Wellhead Pressure	0 psi	
Maximum Hole Deviation	NA	
Nominal Logging Speed	65 fpm	
Maximum Recorded Temperature	211 degF	
Reference Log	NONE	
Reference Log Date	NA	
Equipment No.	Location	GRAND UCT
Recorded By	FLOYD RENEAU	
Witnessed By	DUSTIN WELSH	

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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	25 ft	1627 ft
8.75 in	1627 ft	7695 ft

Casing Record				
Size	Weight	Grade	From	To
9.625 in			25 ft	1627 ft
4.5 in	11.6 lbm/ft	I-80	25 ft	7695 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 = 211 °F
SJ = 4180'-4200'

Equipment Data					
Run	Trip	Tool	Series Number	Serial Number	Position
1	1	VDL	1426XA	10124106	CENT
1	1	GR/CCL	1355XA	11871510	CENT

PRIMARY PRESENTATION
0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	25.606	375.000
RAL	Amp Gate Start Near	195.000	usec	25.606	375.000
RAL	Amp Gate Start Radial	195.000	usec	25.606	375.000
RAL	Amp Gate Width Far	25.000	usec	25.606	375.000
RAL	Amp Gate Width Near	25.000	usec	25.606	375.000
RAL	Amp Gate Width Radial	25.000	usec	25.606	375.000
RAL	casing od	4.500	inches	25.606	375.000
RAL	casing wt	11.600	lbm/ft	25.606	375.000
RAL	FB Start Far	291.900	usec	25.606	375.000
RAL	FB Start Near	180.000	usec	25.606	375.000
RAL	FB Start Radial	180.000	usec	25.606	375.000
RAL	FB Thresh Far	10.000	mv	25.606	375.000
RAL	FB Thresh Near	4.000	mv	25.606	375.000
RAL	FB Thresh Radial	4.000	mv	25.606	375.000
RAL	Fluid Travel Time	200.000	usec/ft	25.606	375.000
RAL	Amp Gate Start Far	305.000	usec	375.000	2975.000
RAL	Amp Gate Start Near	195.000	usec	375.000	2975.000
RAL	Amp Gate Start Radial	195.000	usec	375.000	2975.000
RAL	Amp Gate Width Far	25.000	usec	375.000	2975.000
RAL	Amp Gate Width Near	25.000	usec	375.000	2975.000
RAL	Amp Gate Width Radial	25.000	usec	375.000	2975.000
RAL	casing od	4.500	inches	375.000	2975.000
RAL	casing wt	11.600	lbm/ft	375.000	2975.000
RAL	FB Start Far	291.900	usec	375.000	2975.000
RAL	FB Start Near	180.000	usec	375.000	2975.000
RAL	FB Start Radial	180.000	usec	375.000	2975.000
RAL	FB Thresh Far	10.000	mv	375.000	2975.000
RAL	FB Thresh Near	4.000	mv	375.000	2975.000
RAL	FB Thresh Radial	4.000	mv	375.000	2975.000

RAL	FB Thresh Near	4.000	mv	375.000	2975.000
RAL	FB Thresh Radial	4.000	mv	375.000	2975.000
RAL	Fluid Travel Time	200.000	usec/ft	375.000	2975.000
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RAL	Amp Gate Start Near	195.000	usec	2975.000	7670.410
RAL	Amp Gate Start Radial	195.000	usec	2975.000	7670.410
RAL	Amp Gate Width Far	25.000	usec	2975.000	7670.410
RAL	Amp Gate Width Near	25.000	usec	2975.000	7670.410
RAL	Amp Gate Width Radial	25.000	usec	2975.000	7670.410
RAL	casing od	4.500	inches	2975.000	7670.410
RAL	casing wt	11.600	lbm/ft	2975.000	7670.410
RAL	FB Start Far	291.900	usec	2975.000	7670.410
RAL	FB Start Near	180.000	usec	2975.000	7670.410
RAL	FB Start Radial	180.000	usec	2975.000	7670.410
RAL	FB Thresh Far	10.000	mv	2975.000	7670.410
RAL	FB Thresh Near	4.000	mv	2975.000	7670.410
RAL	FB Thresh Radial	4.000	mv	2975.000	7670.410
RAL	Fluid Travel Time	200.000	usec/ft	2975.000	7670.128

## DEPTH OFFSETS

(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES					
1426XA	-11.000	ACAL	ANR	AR1	AR2	AR3	AR4
		AR5	AR6	AR7	AR8	CHV	FPR2
		FPR3	FPR5	TT3	TTR1	TTR2	TTR3
		TTR4	TTR5	TTR6	TTR7	TTR8	XAMP
1426XA	-10.040	AFAR	SIG	TT5			
1355XA	-5.620	CCL					
1355XA	-1.500	GR					
1355XA	0.000	TEMP					

Created by : RAL, v4.8.008

Plotted by : PlotMgr, v5.4.504

Company : WPX ENERGY

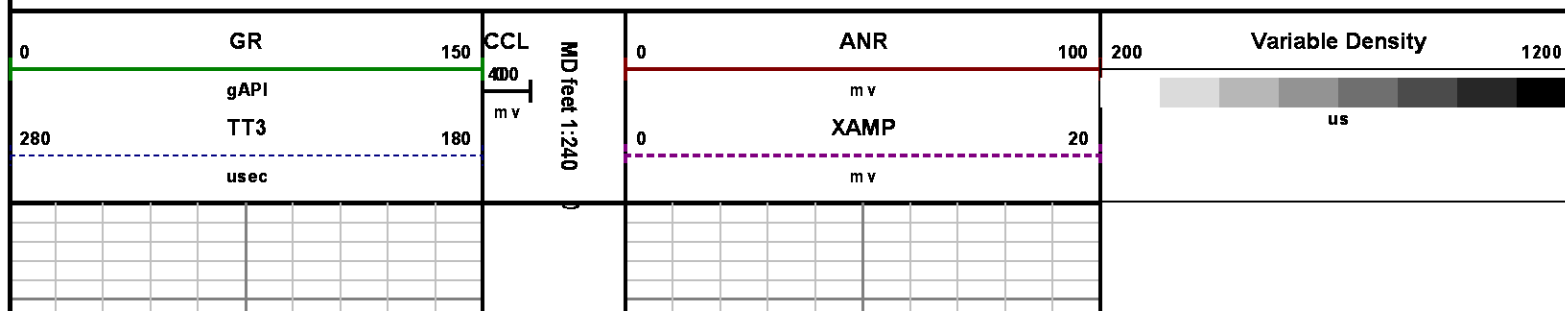
Well : HICKS PA 43-6

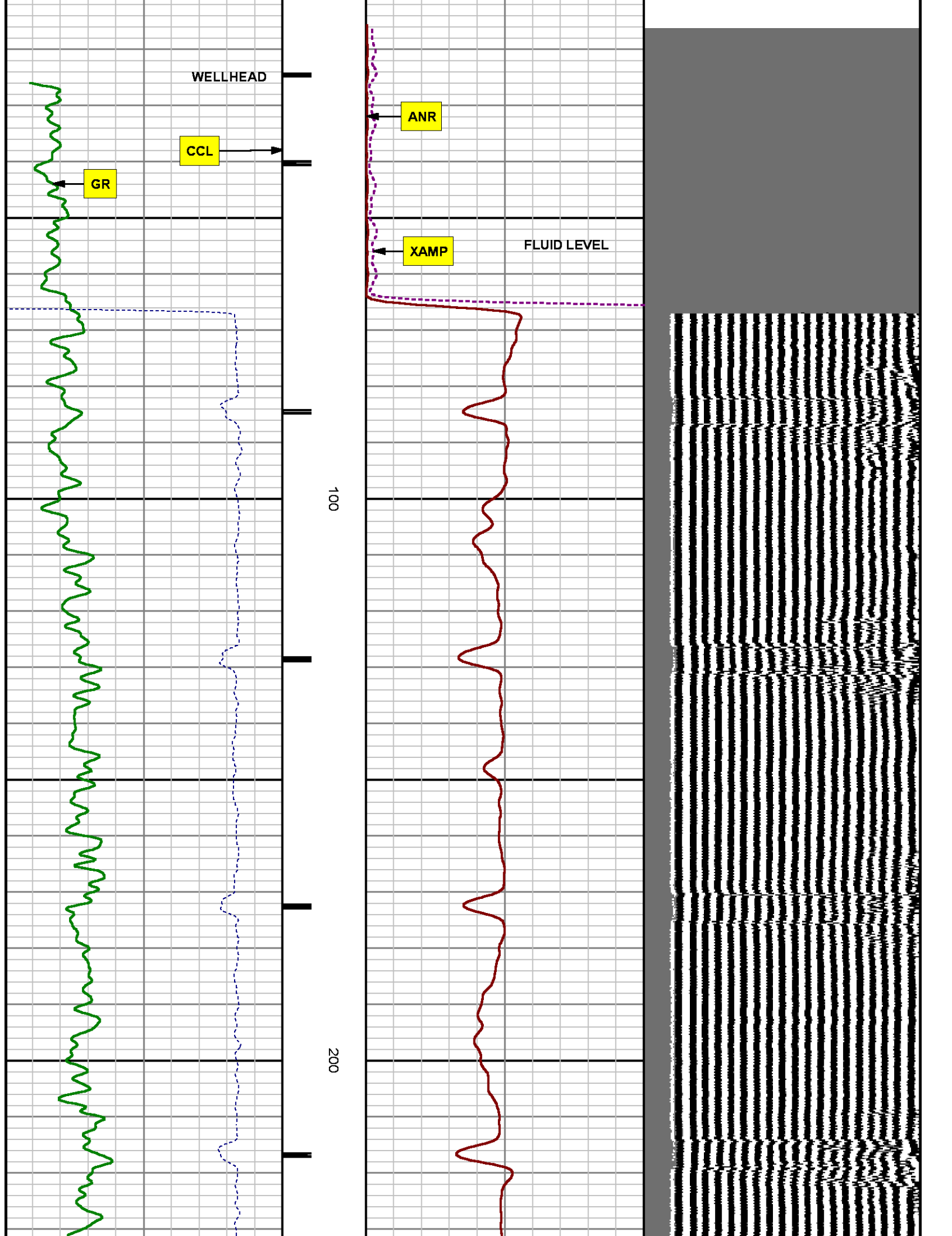
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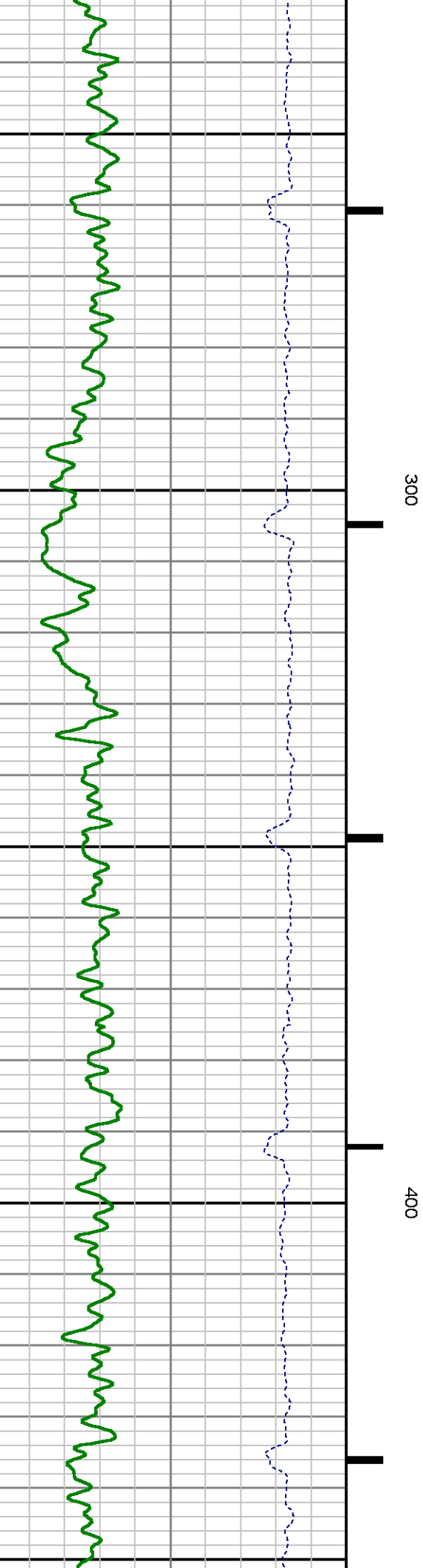
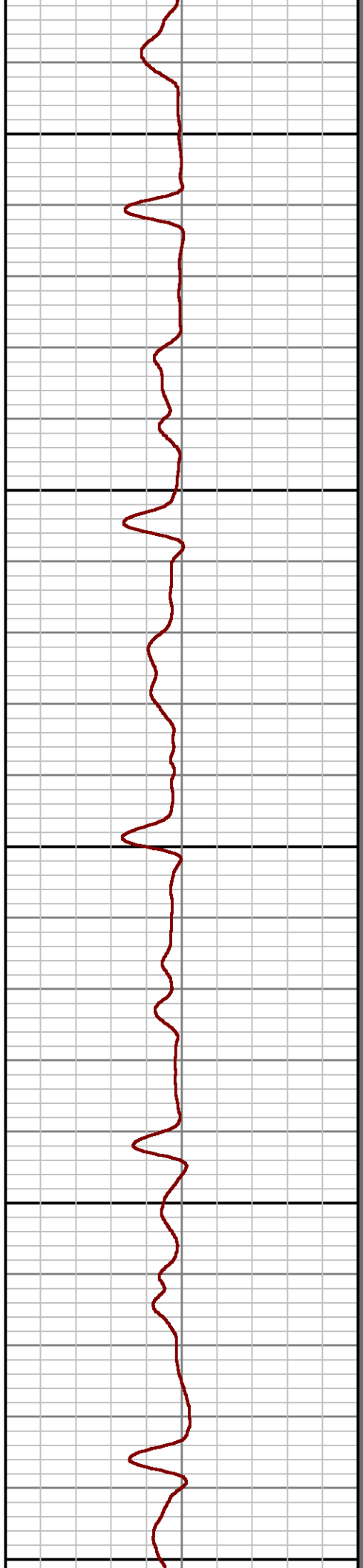
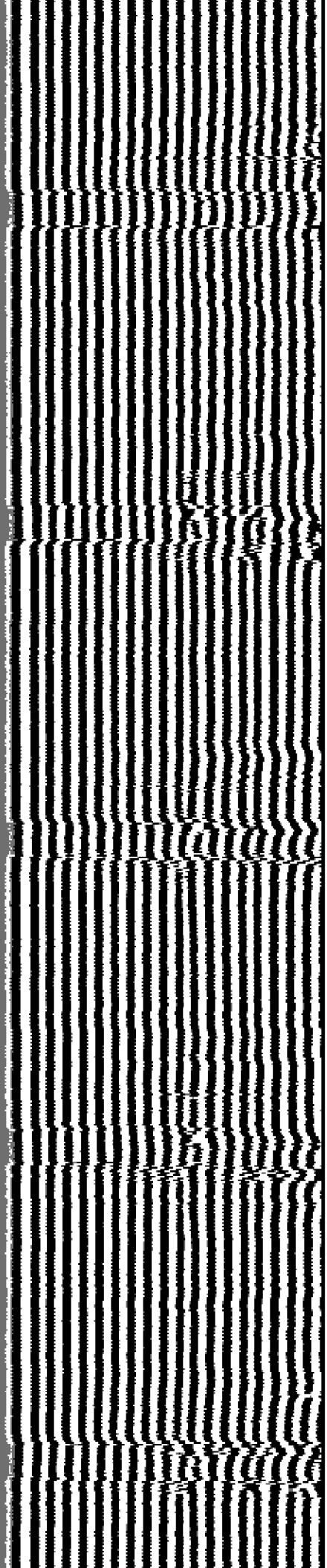
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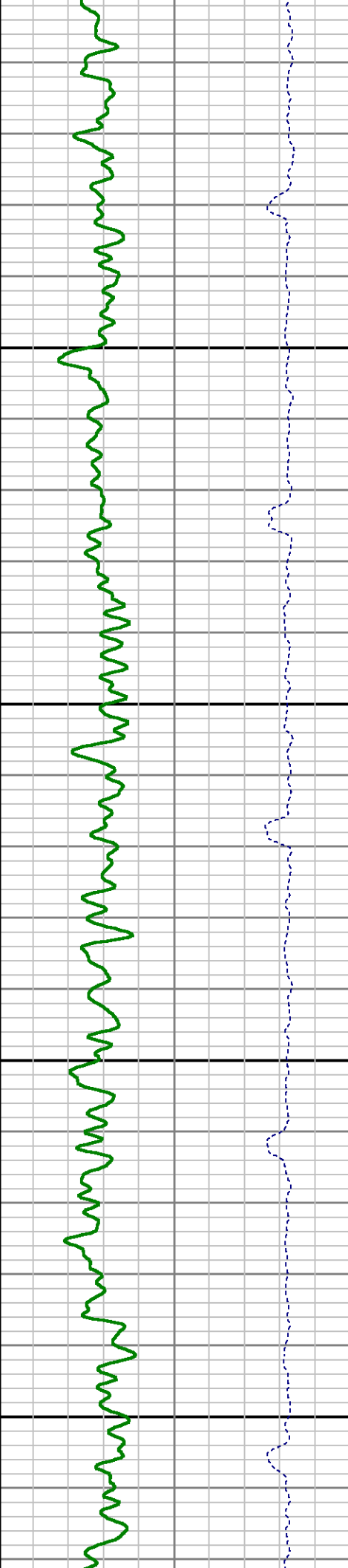
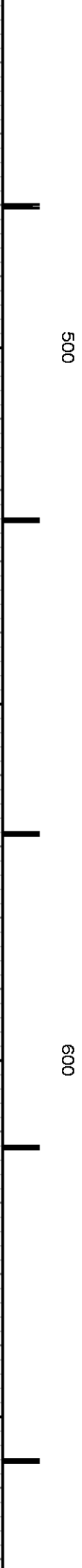
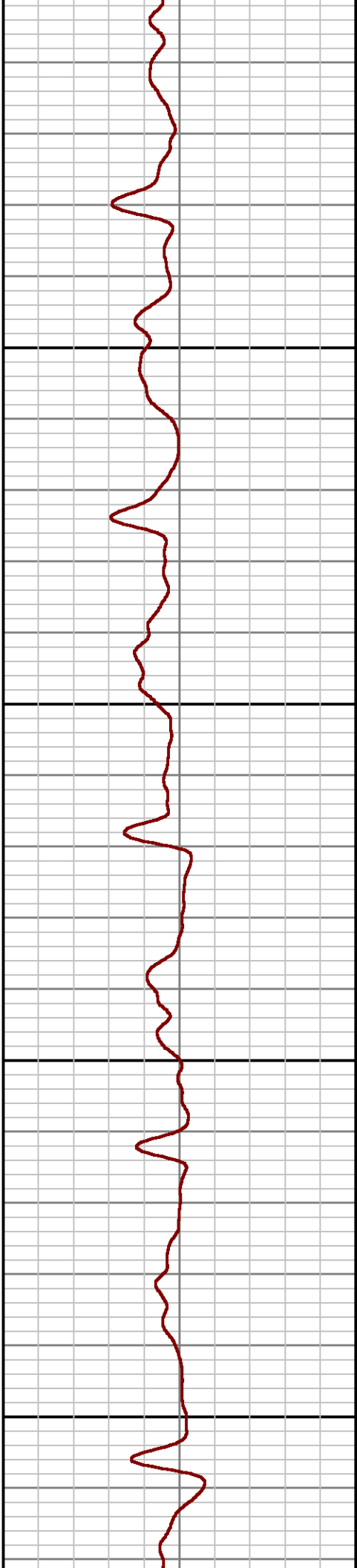
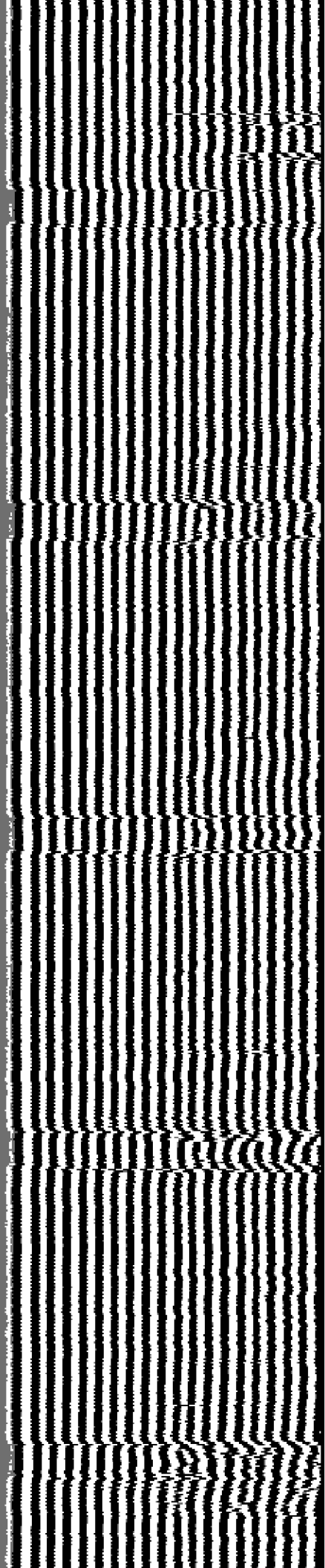
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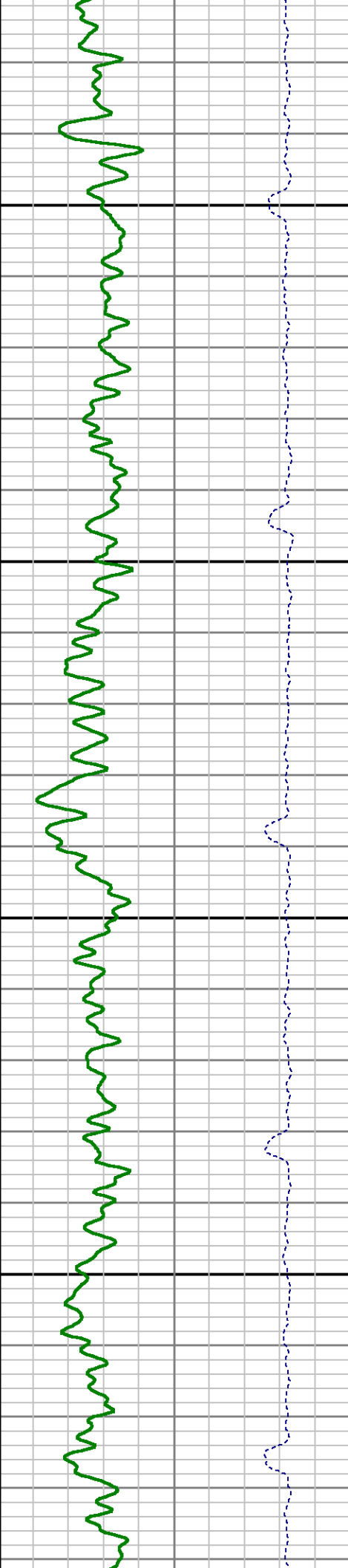
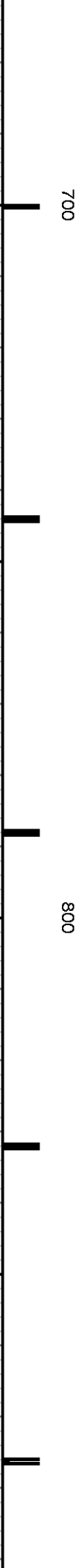
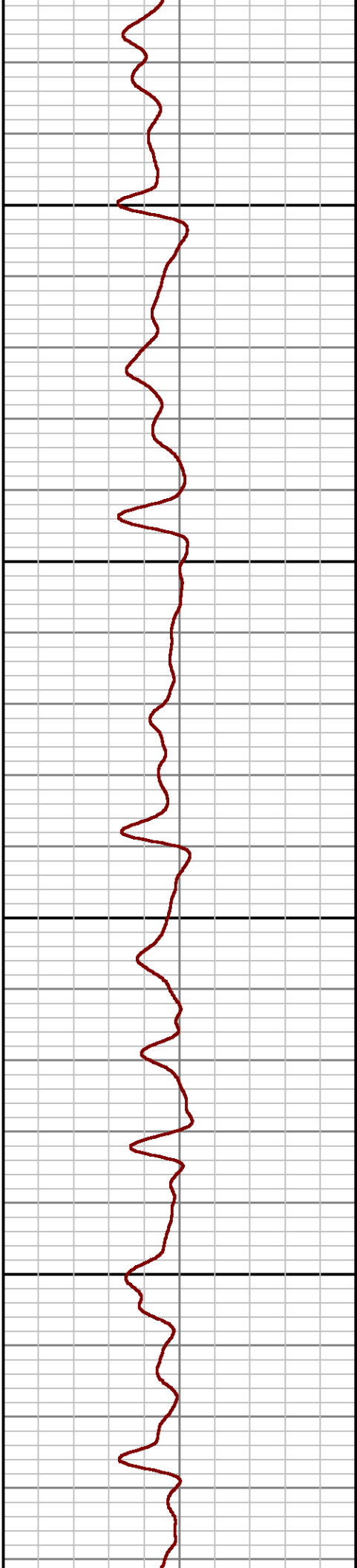
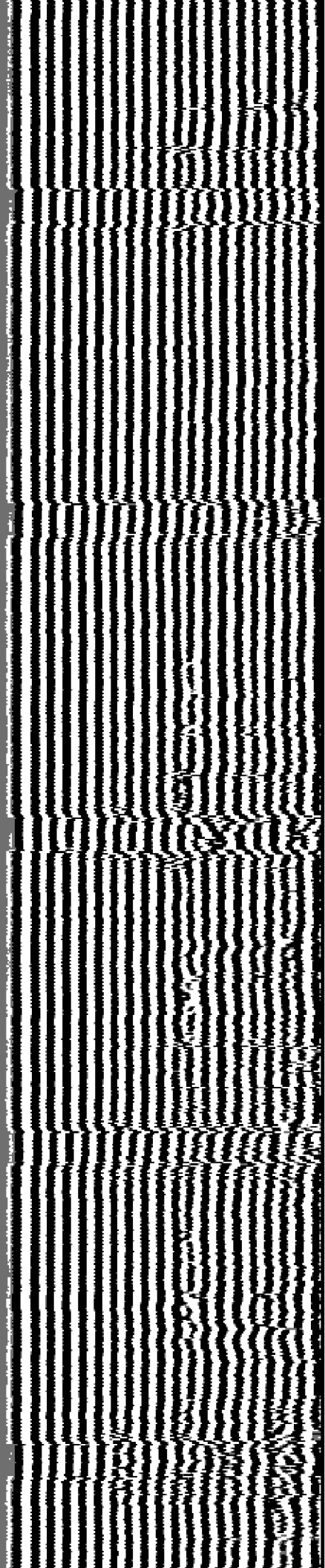
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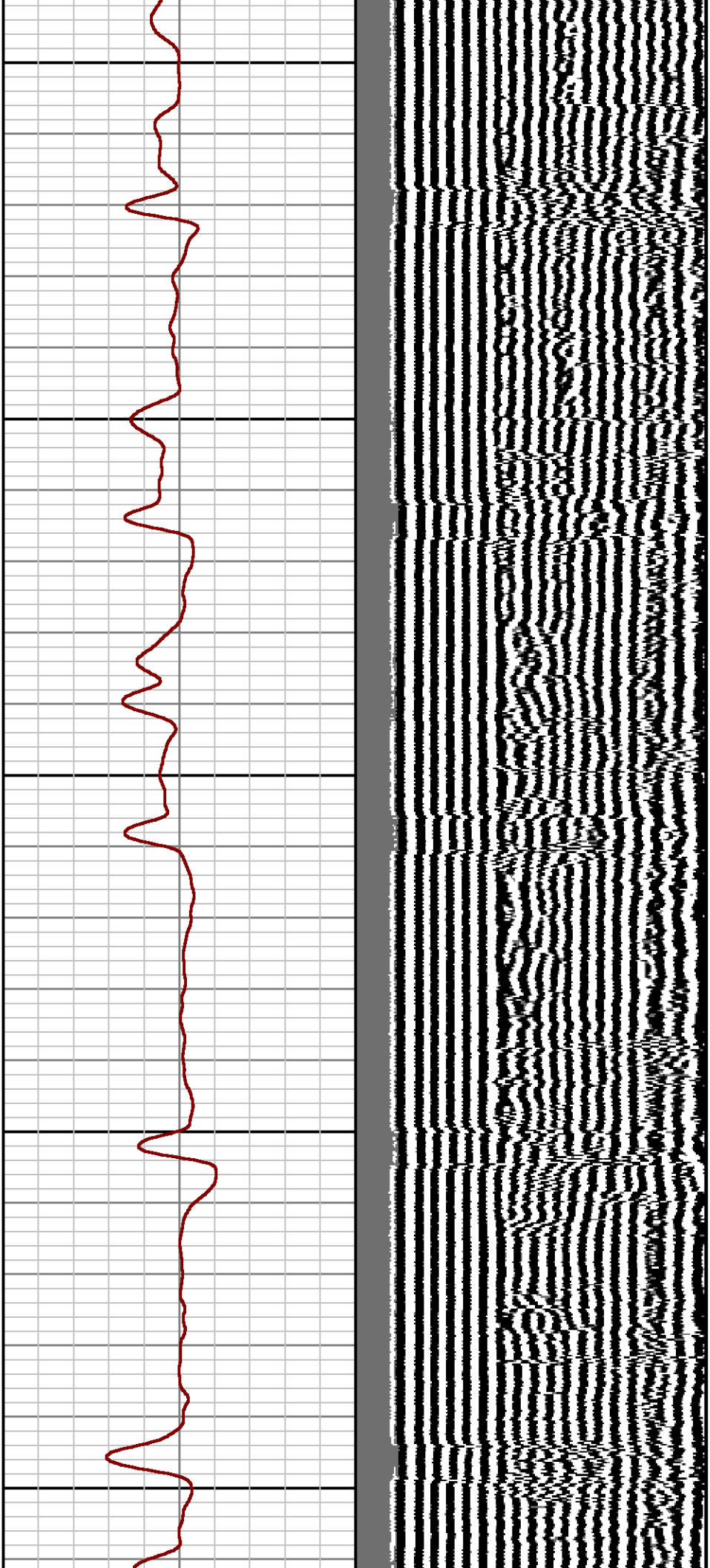








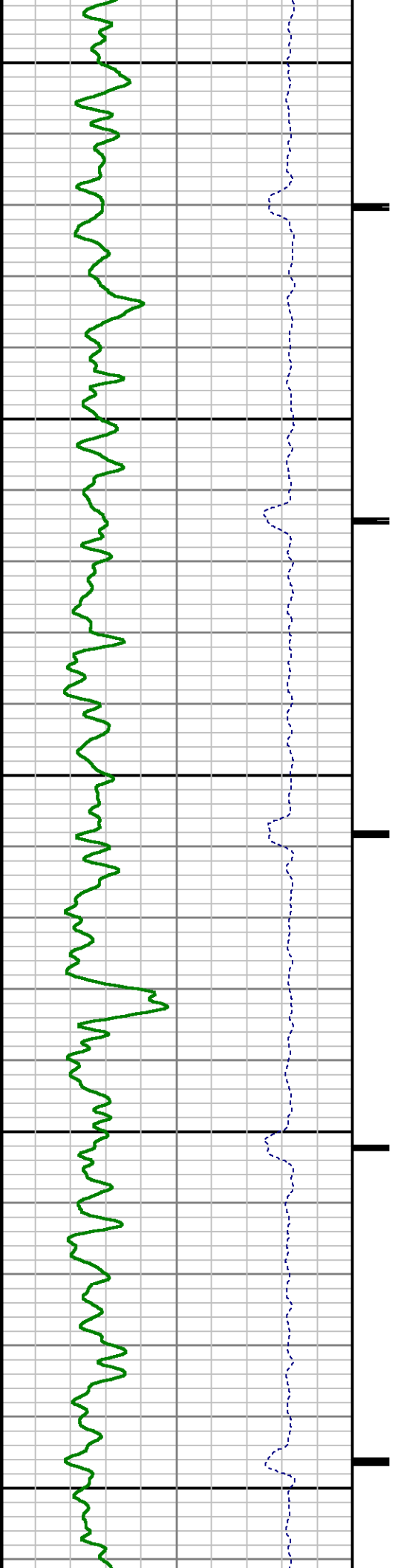




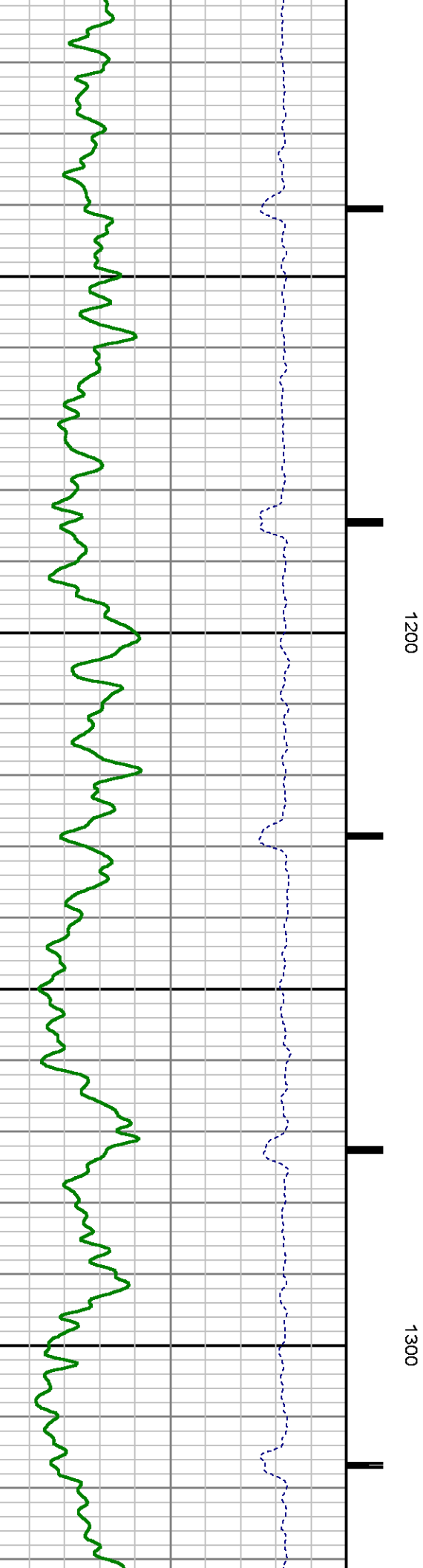
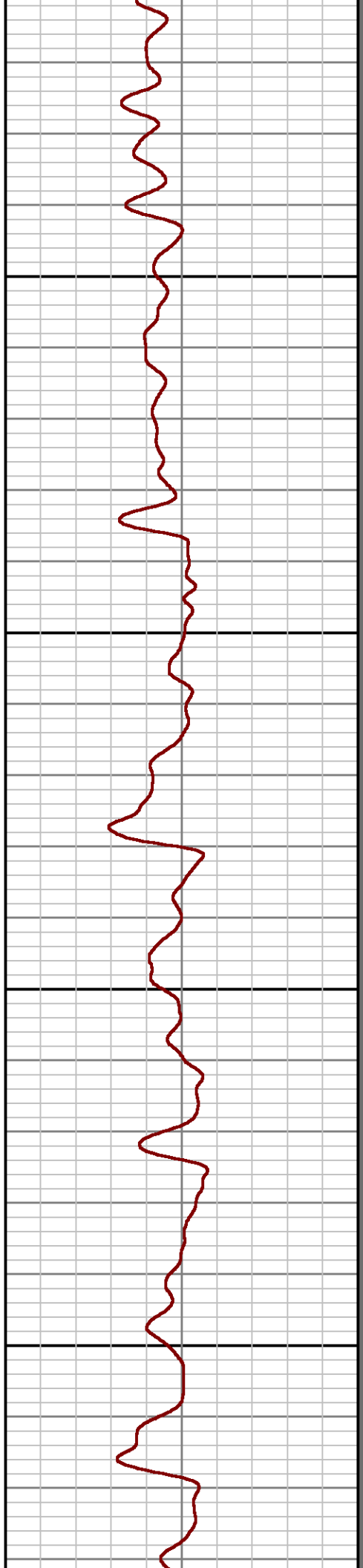
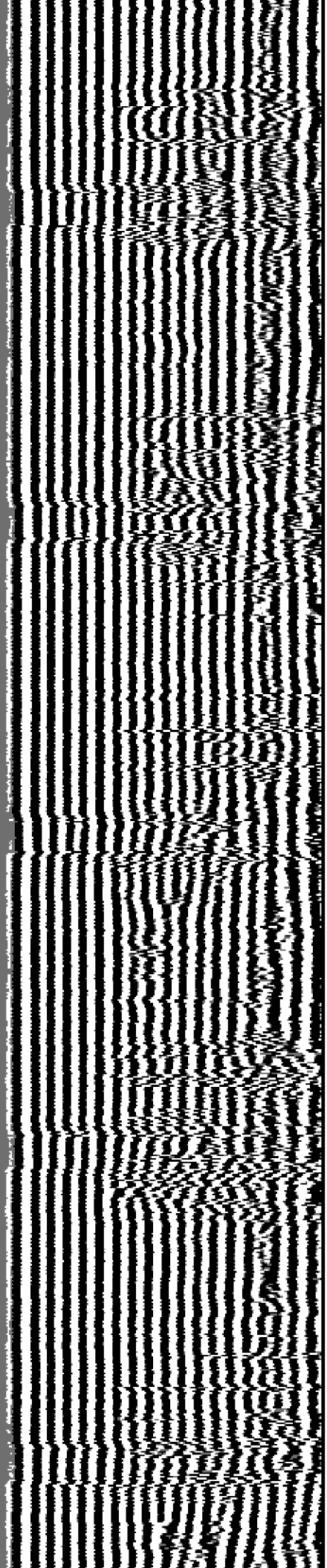
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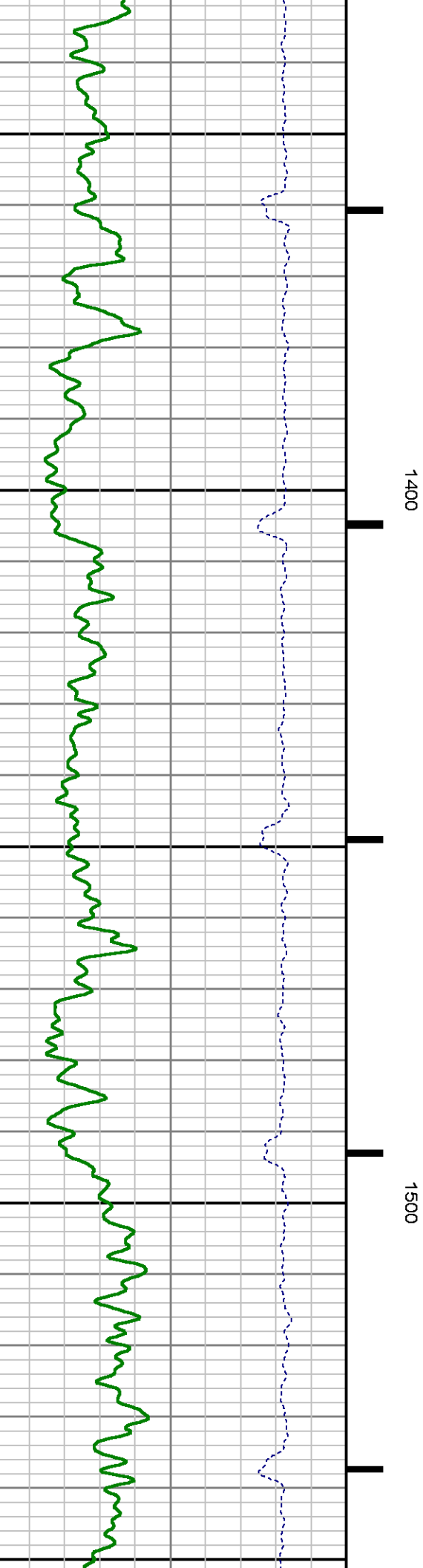
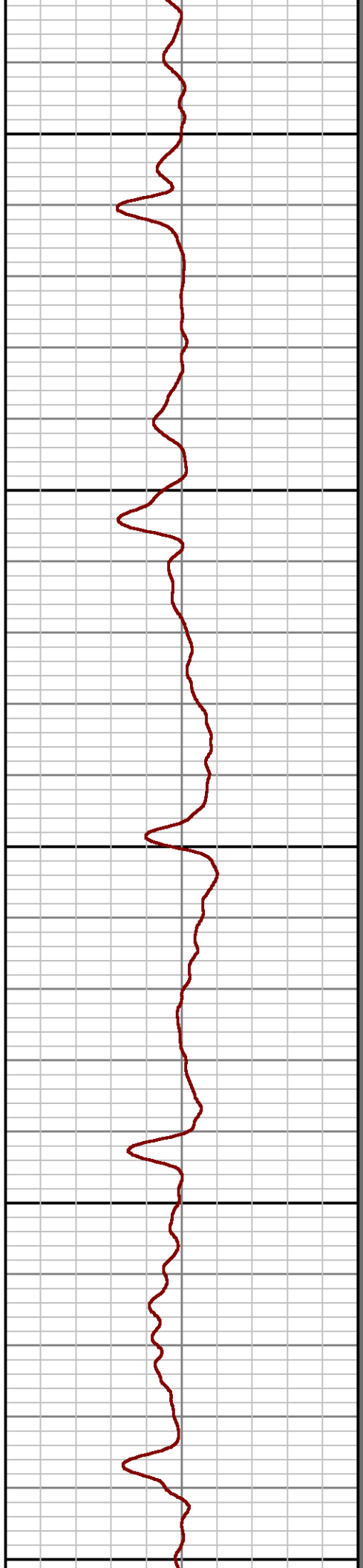
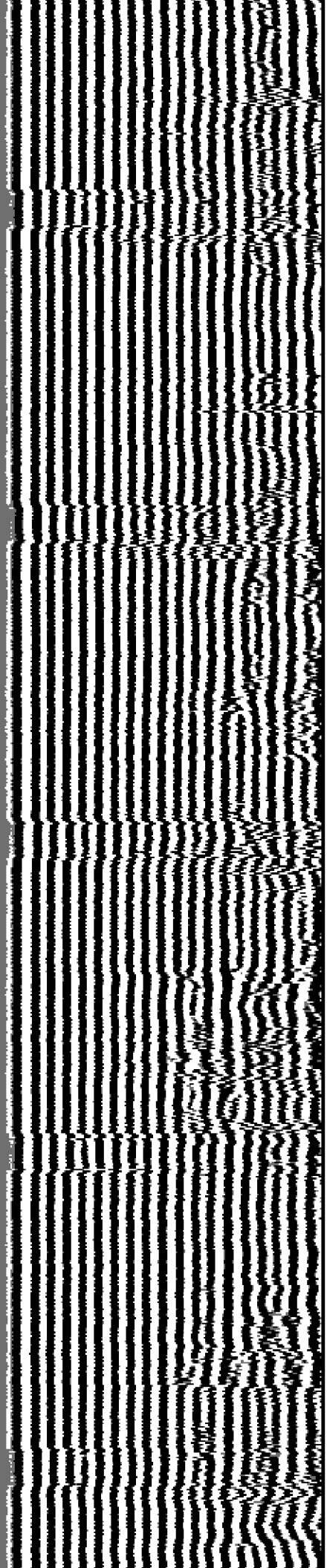
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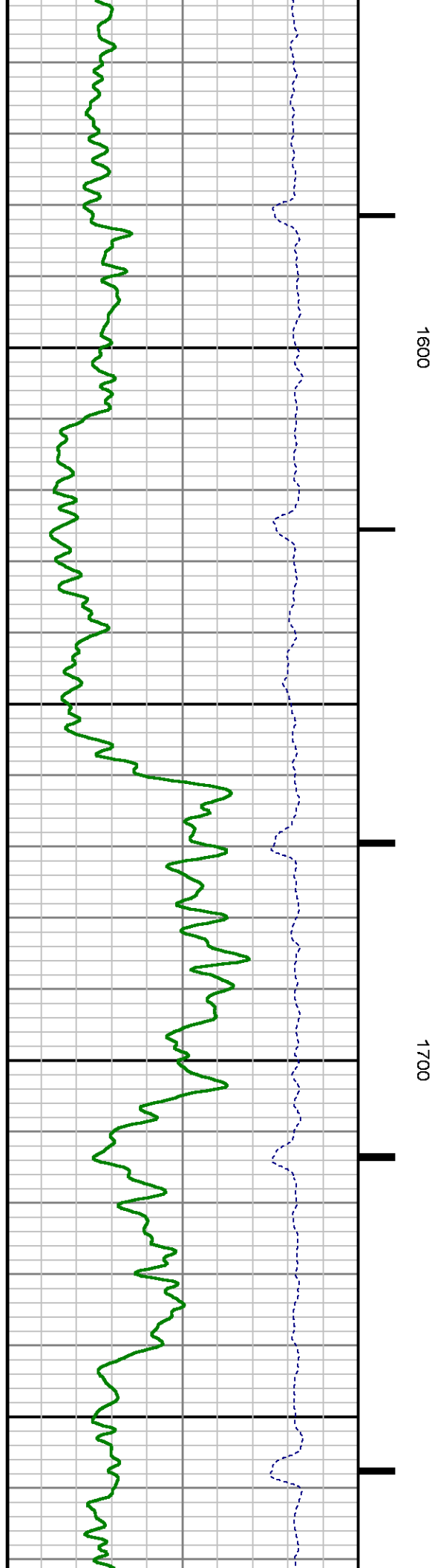
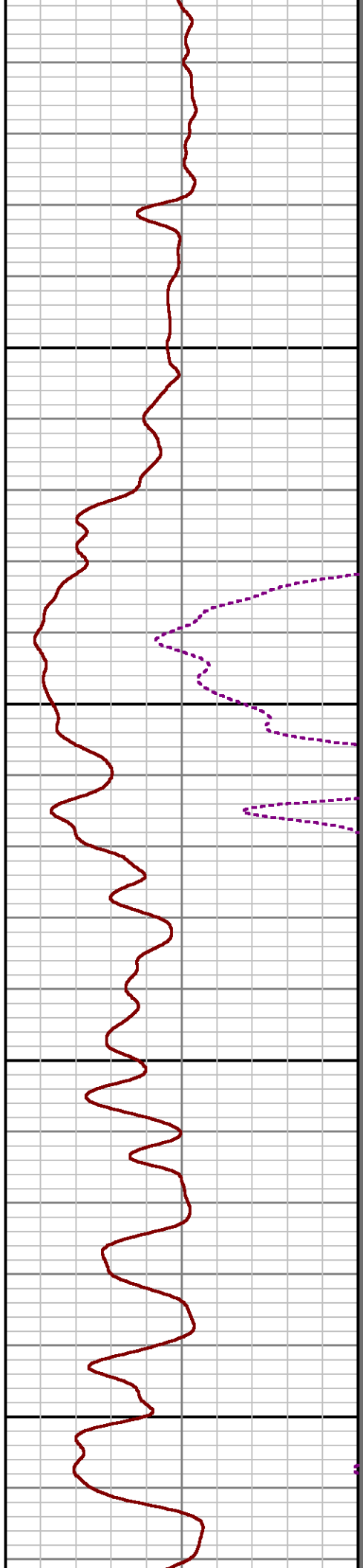
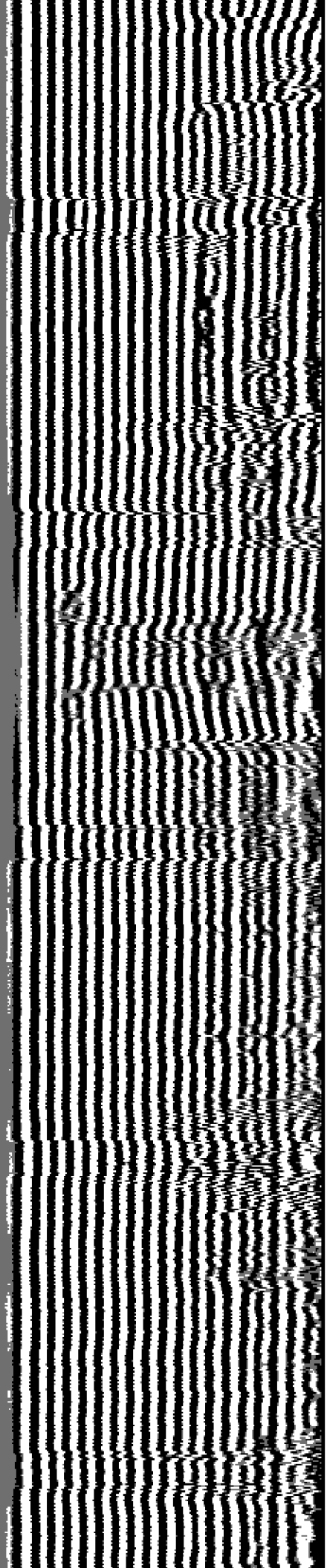
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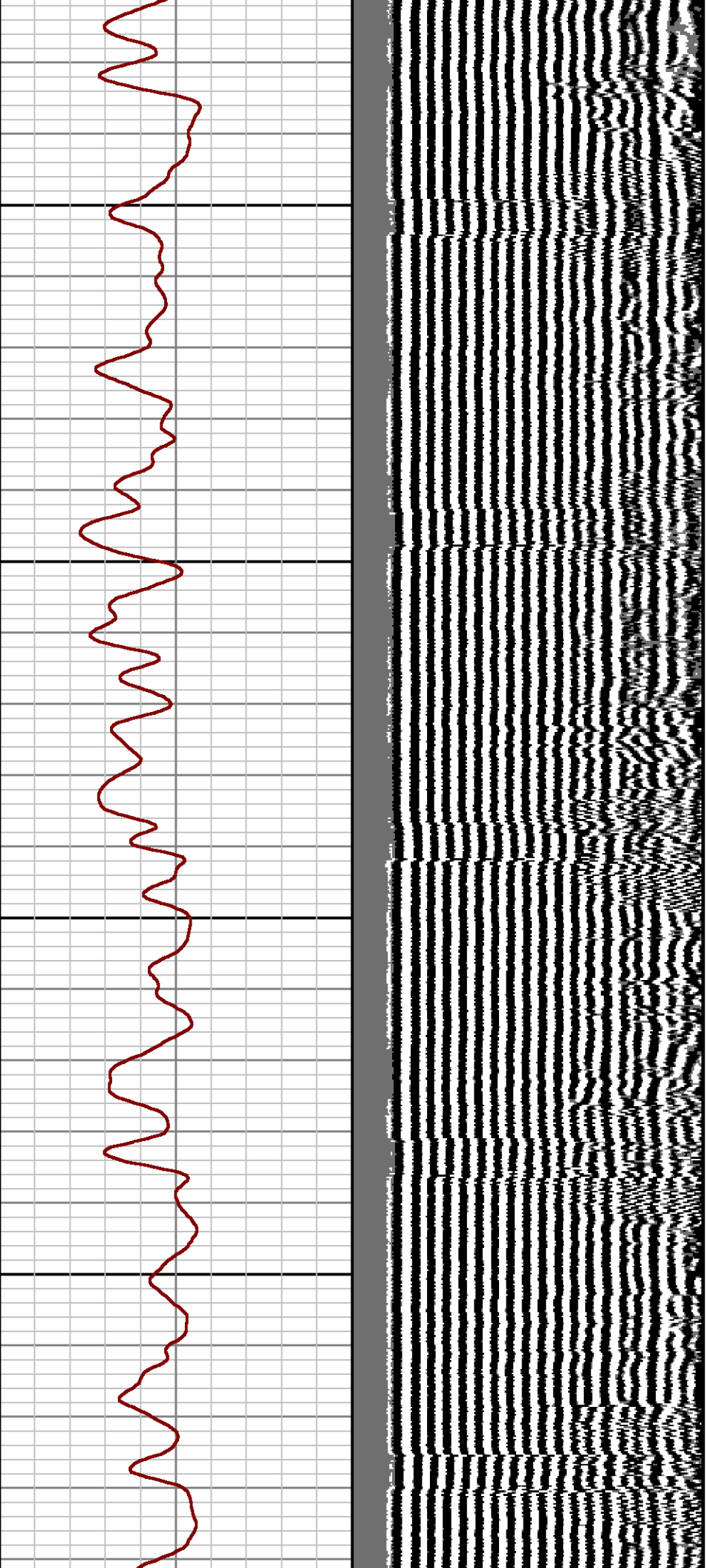






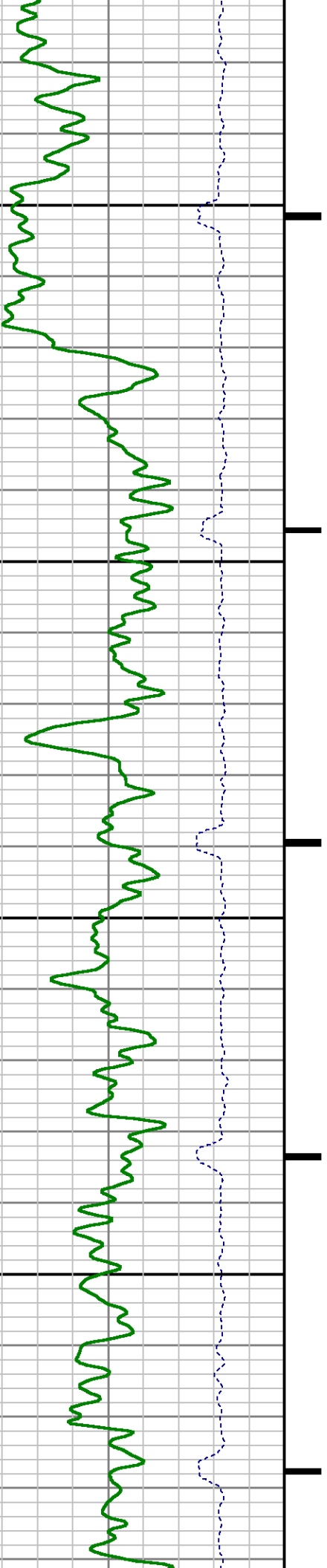


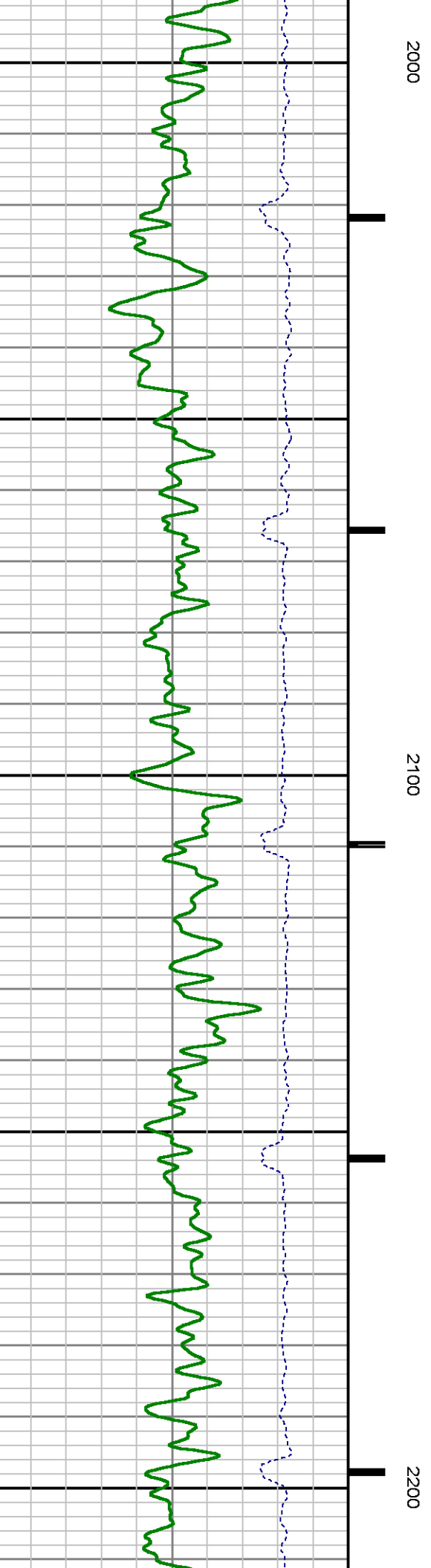
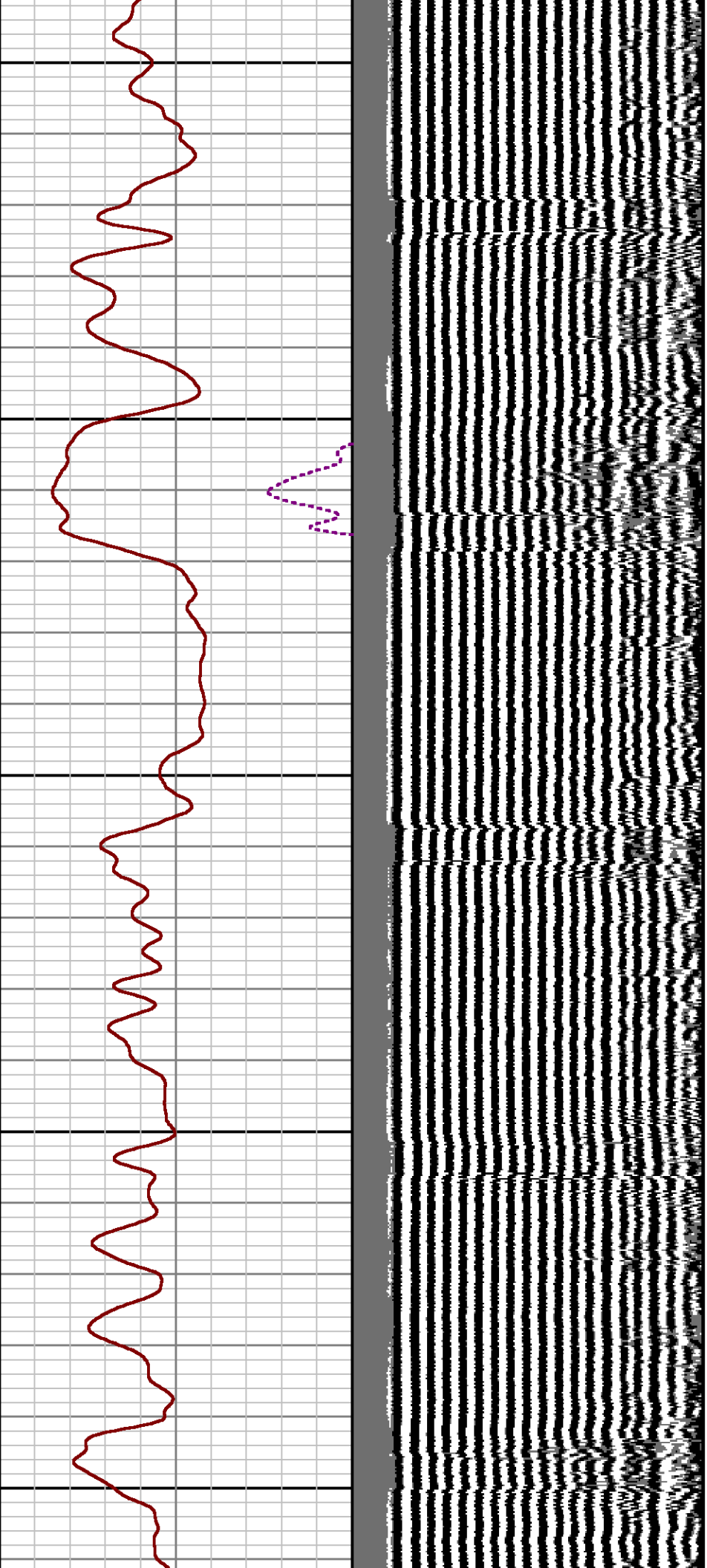




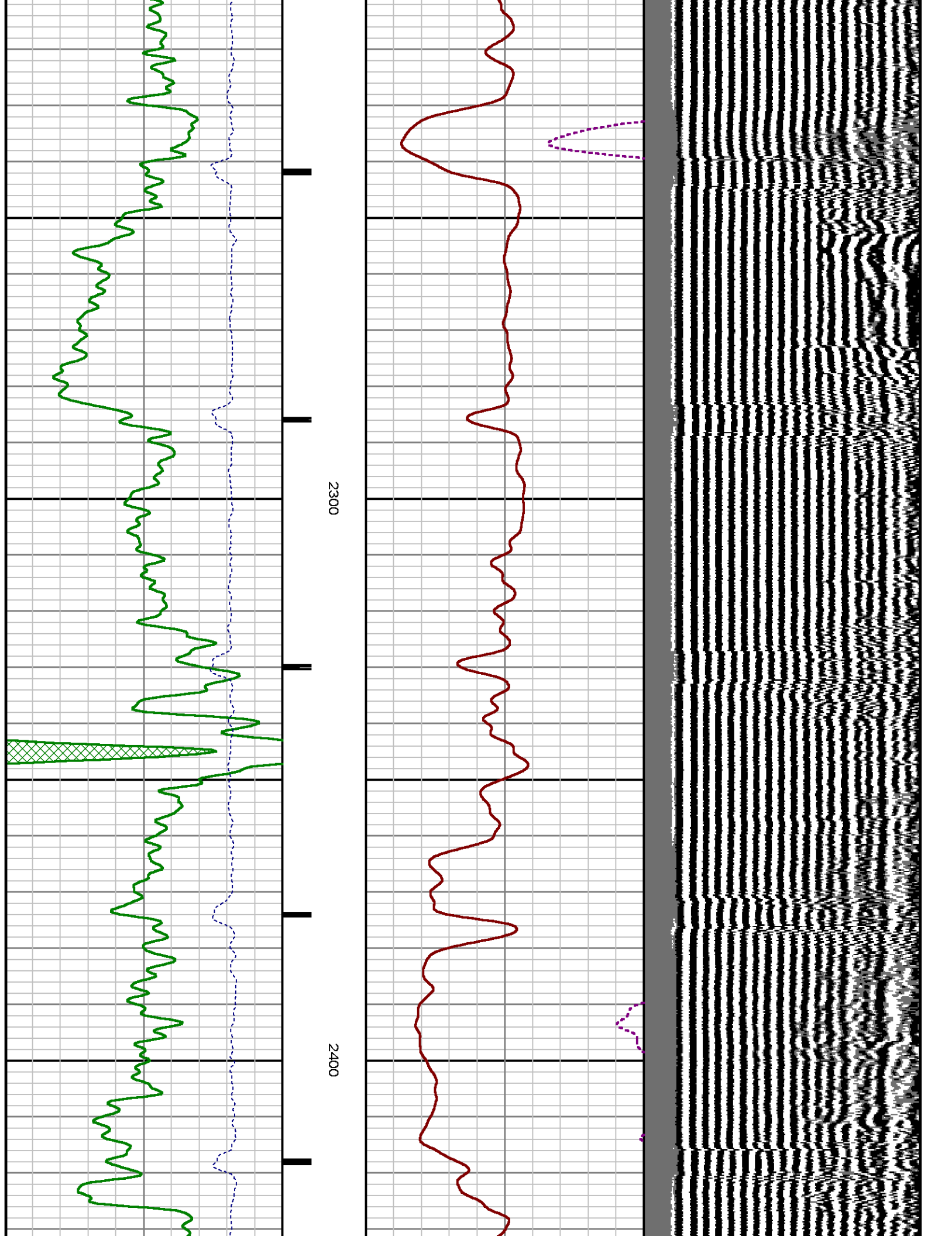
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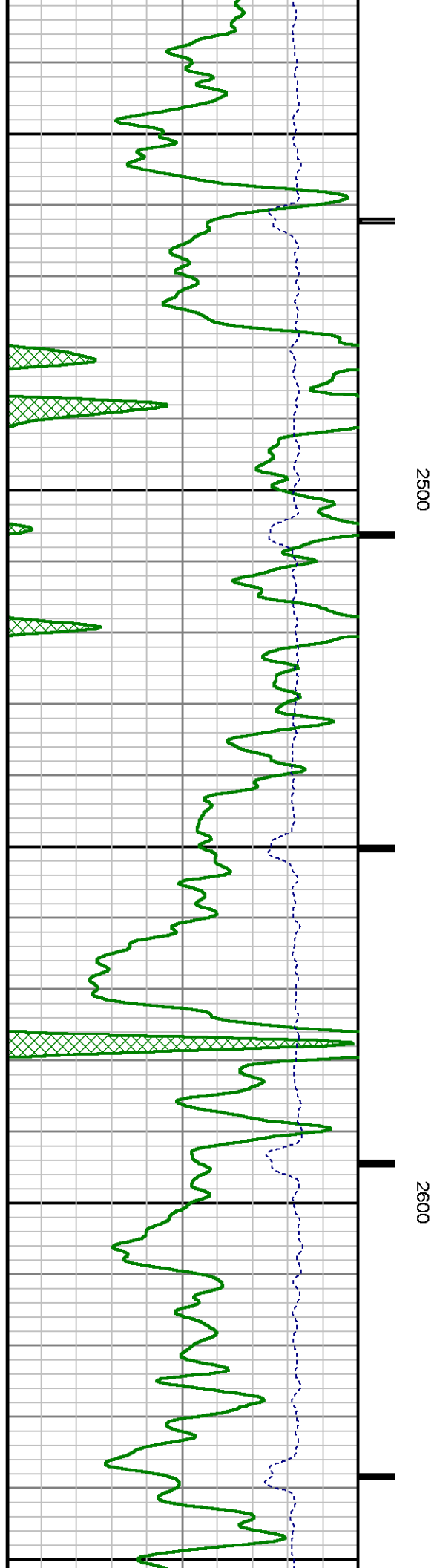
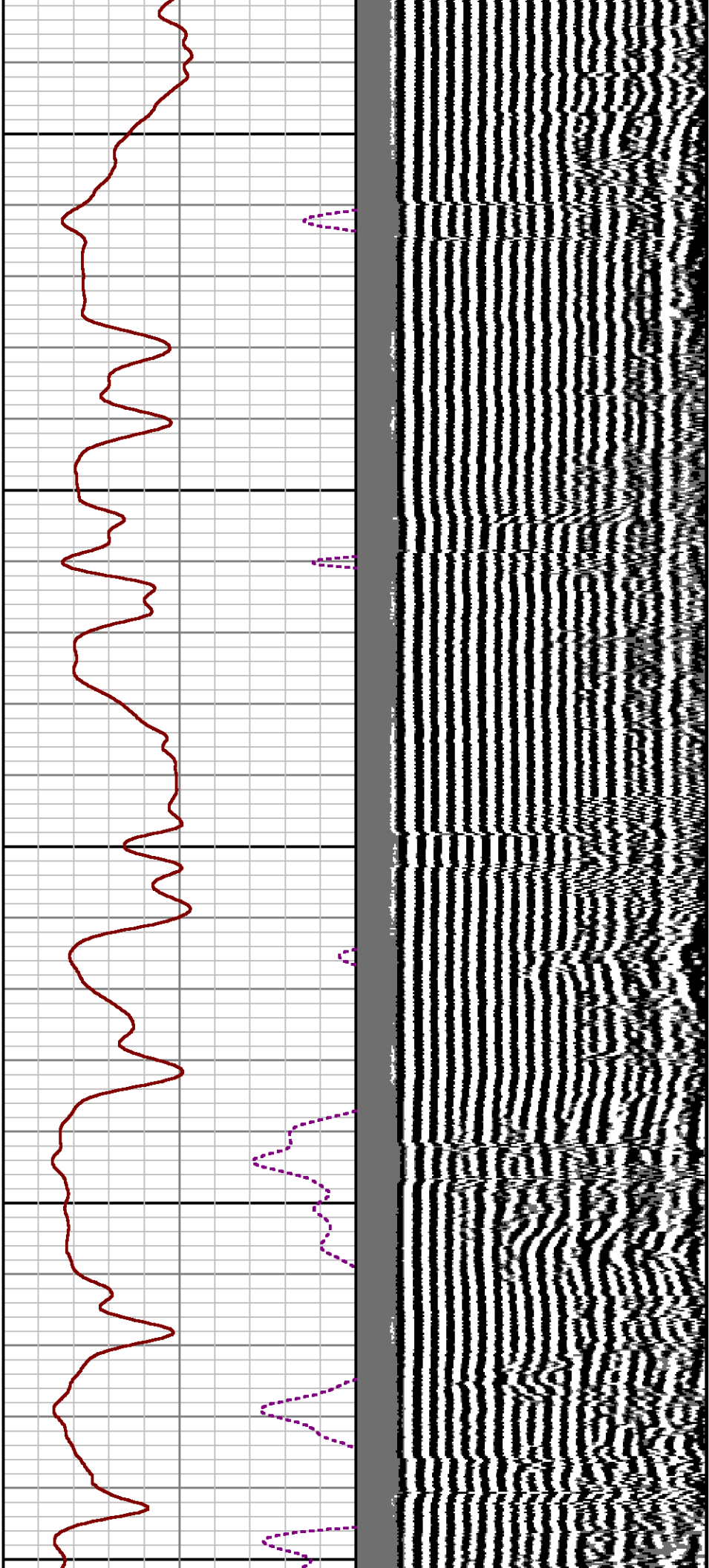
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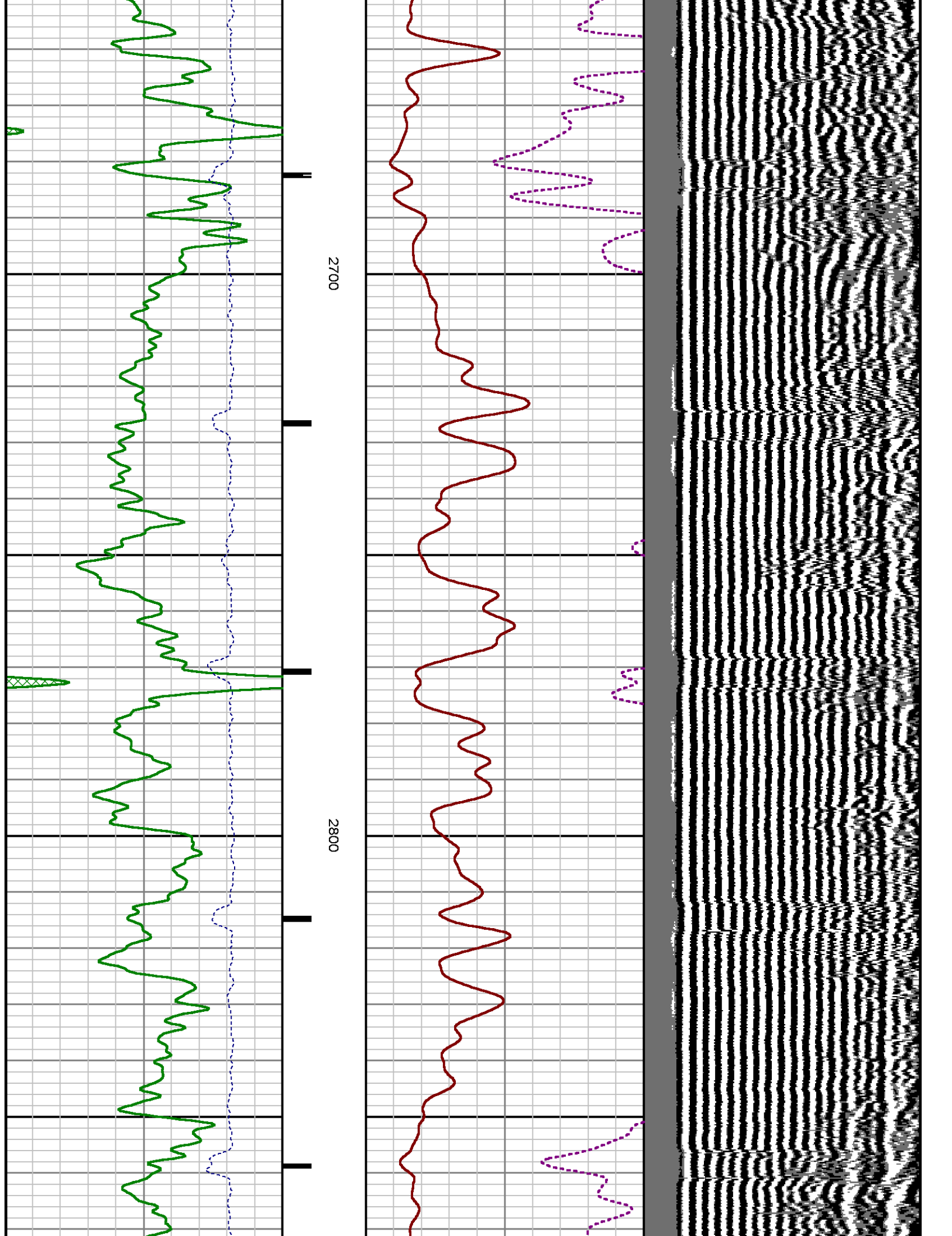


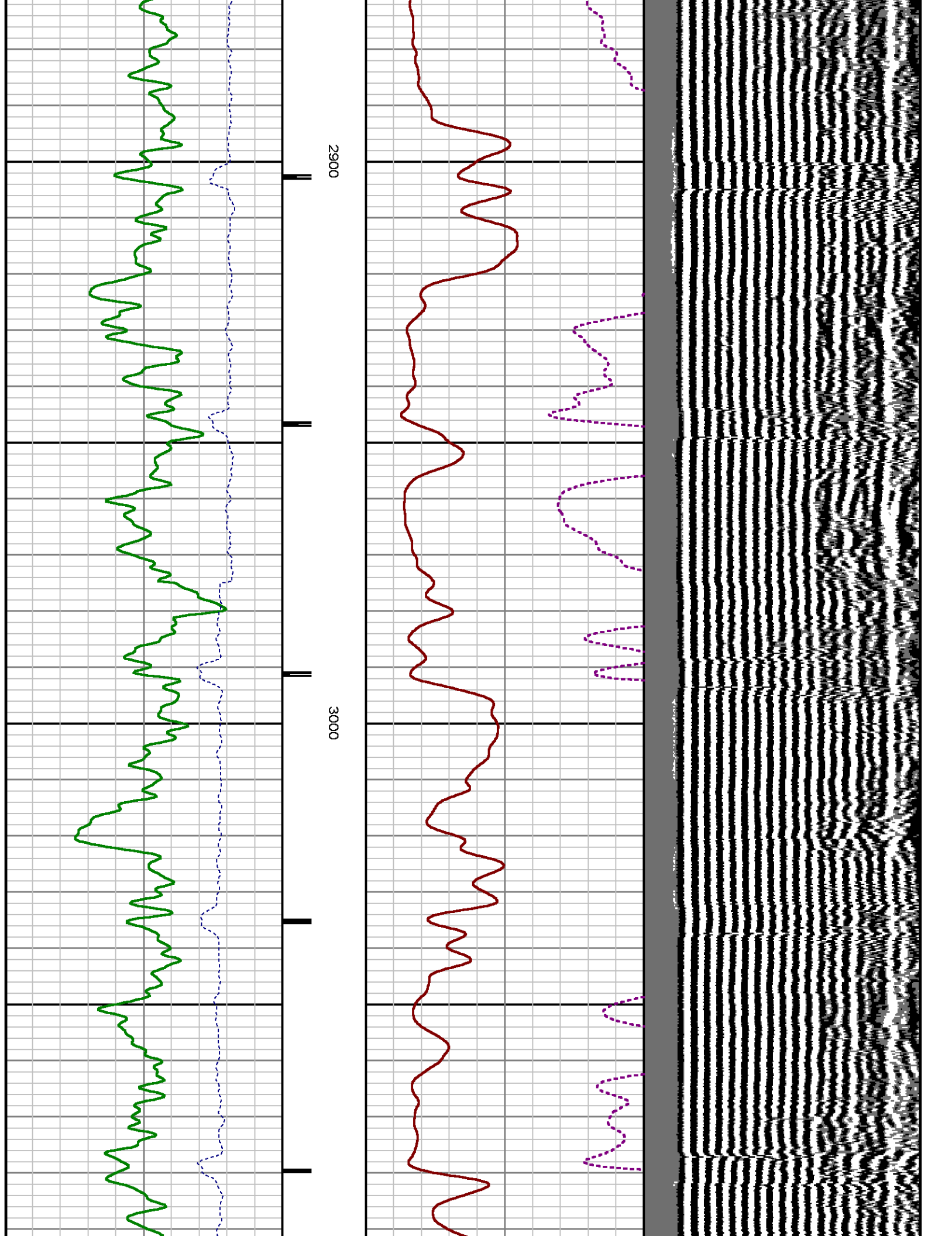


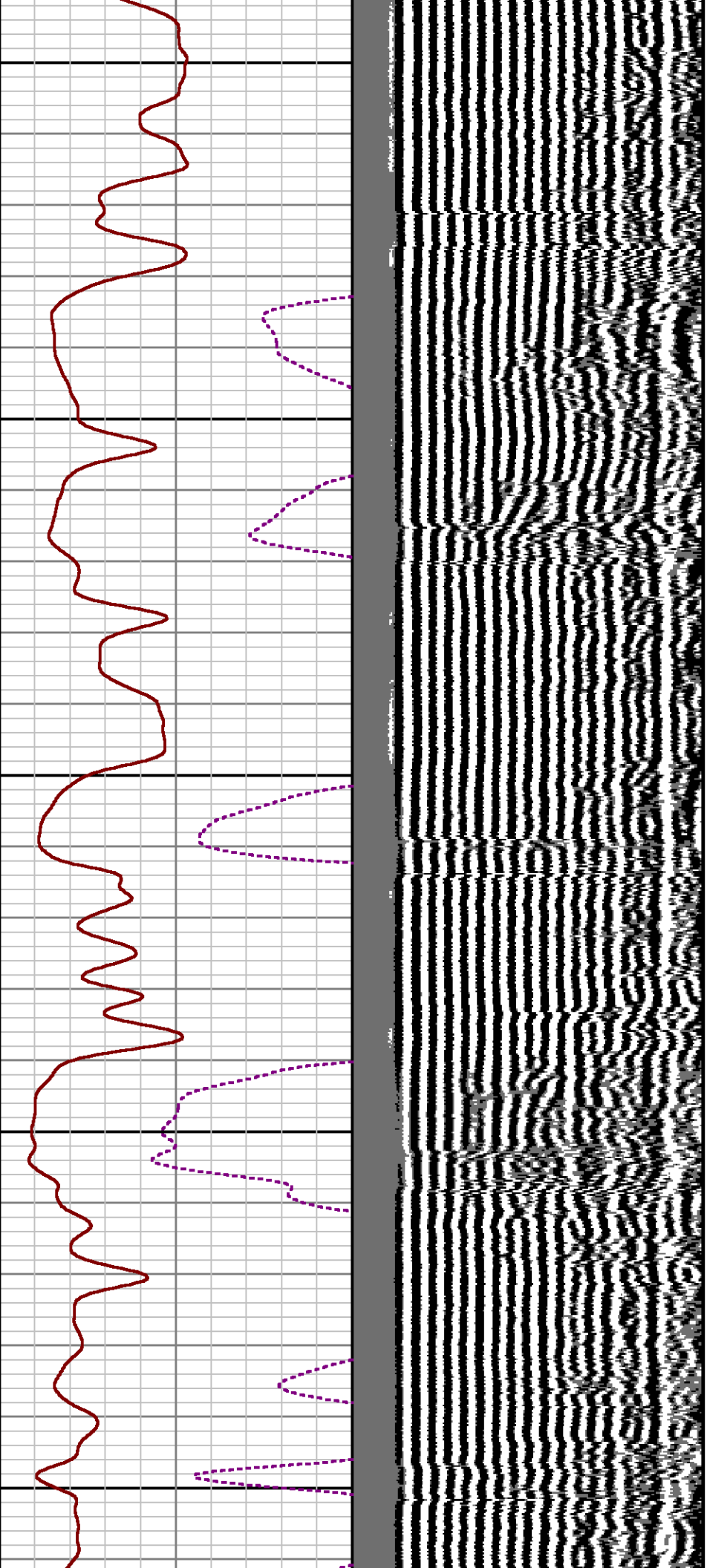








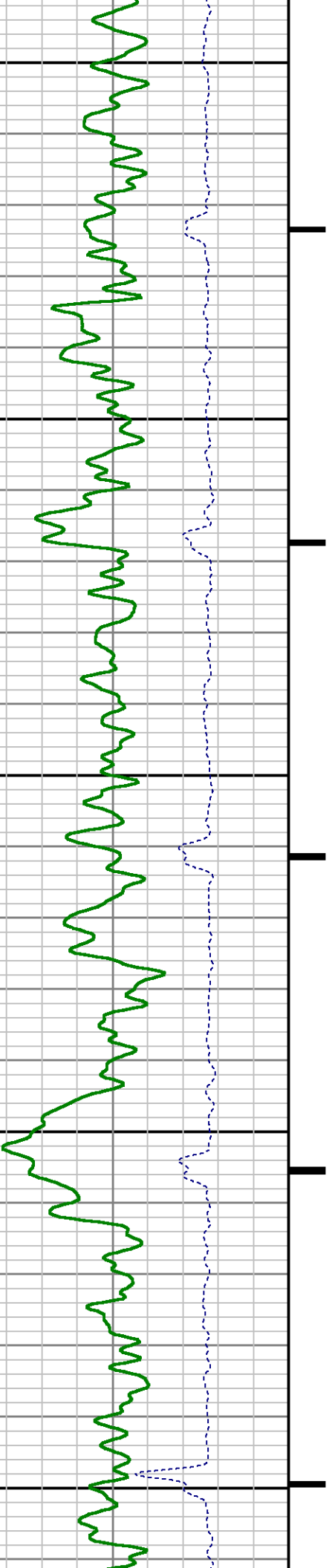


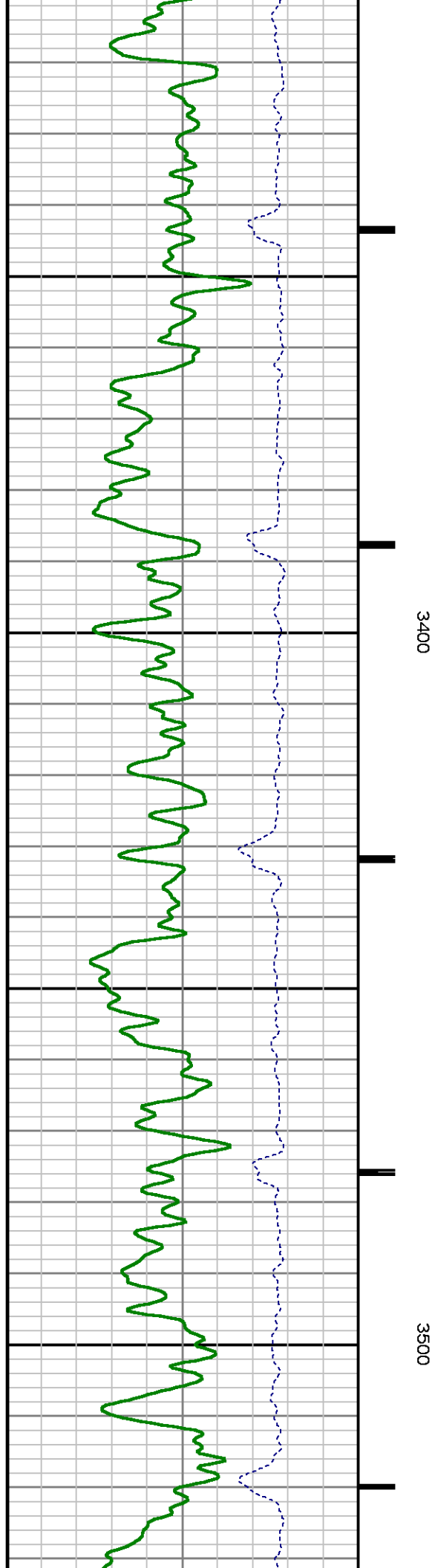
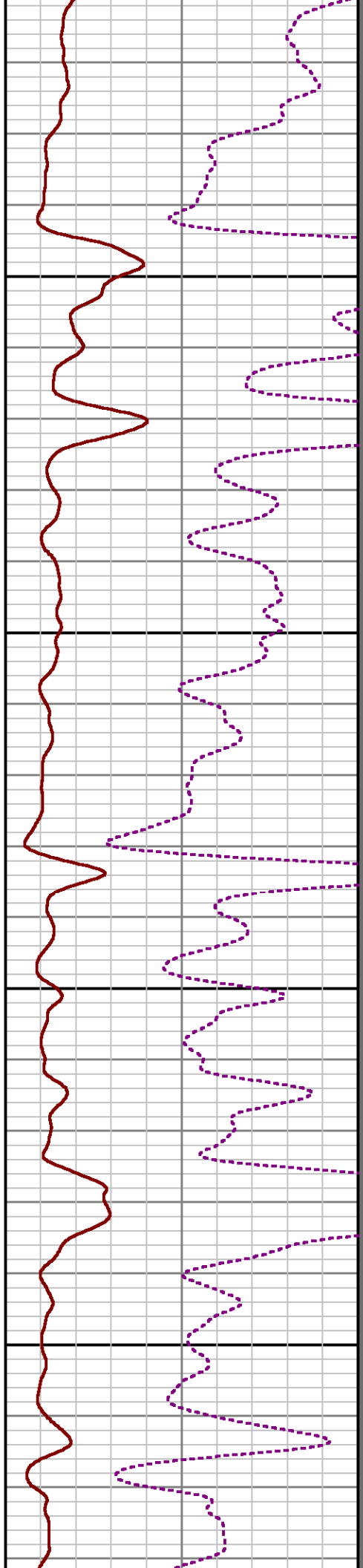
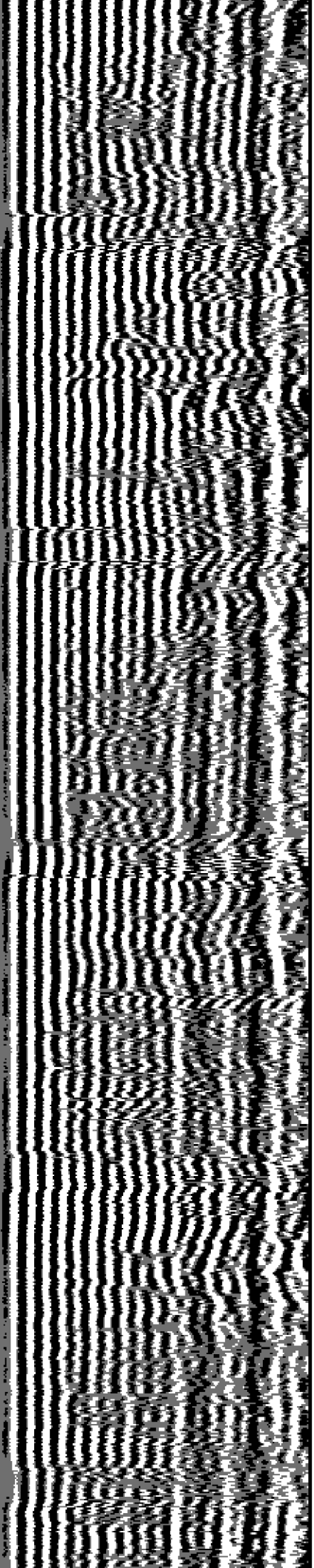


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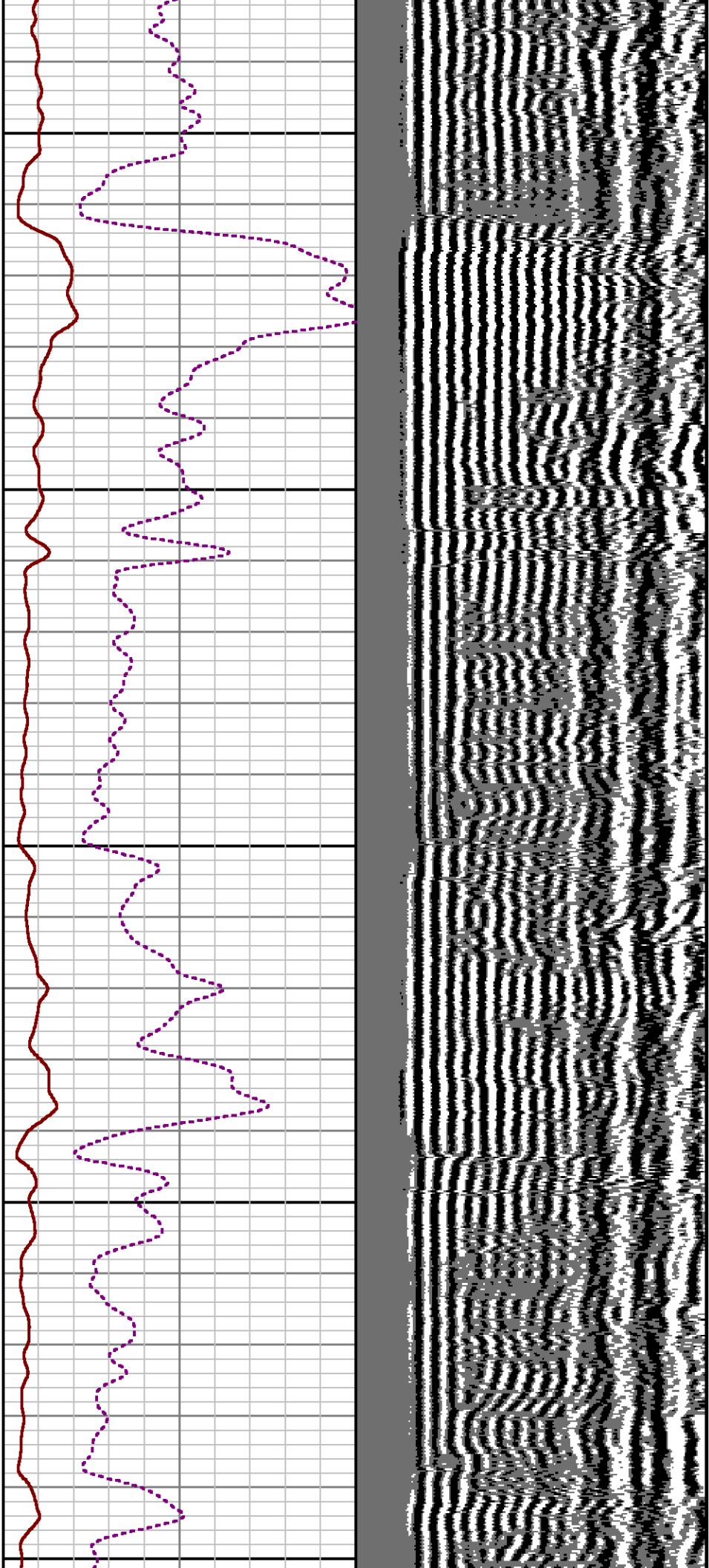
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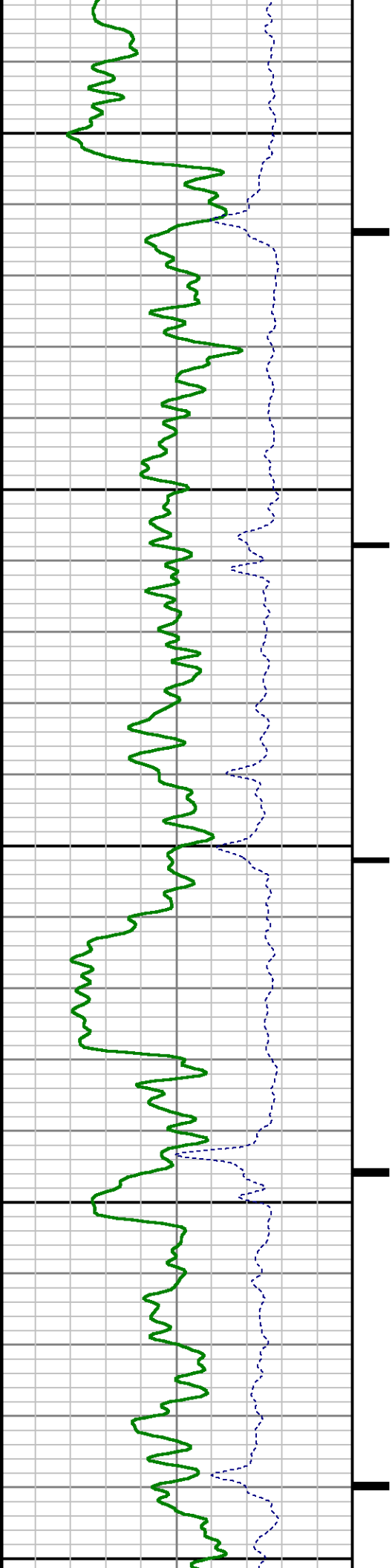


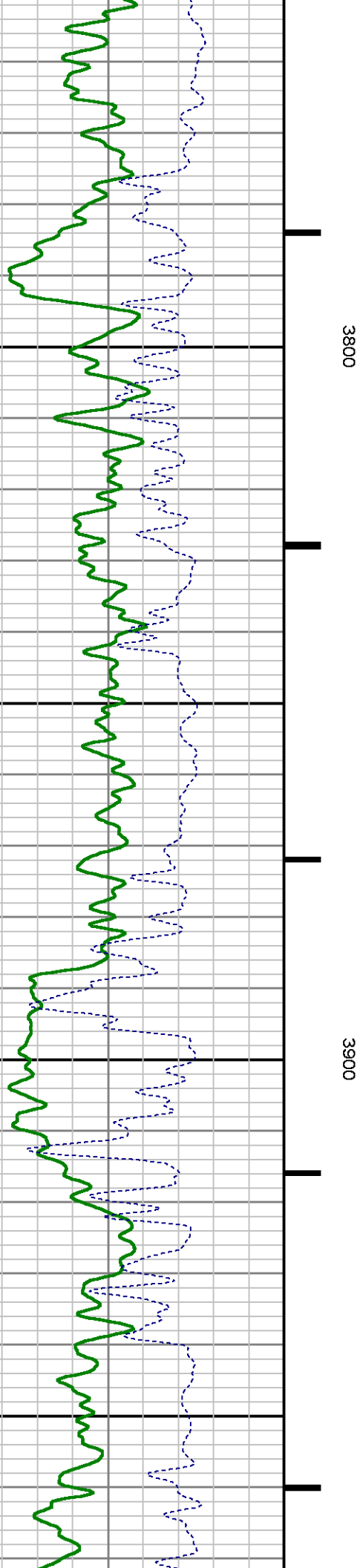
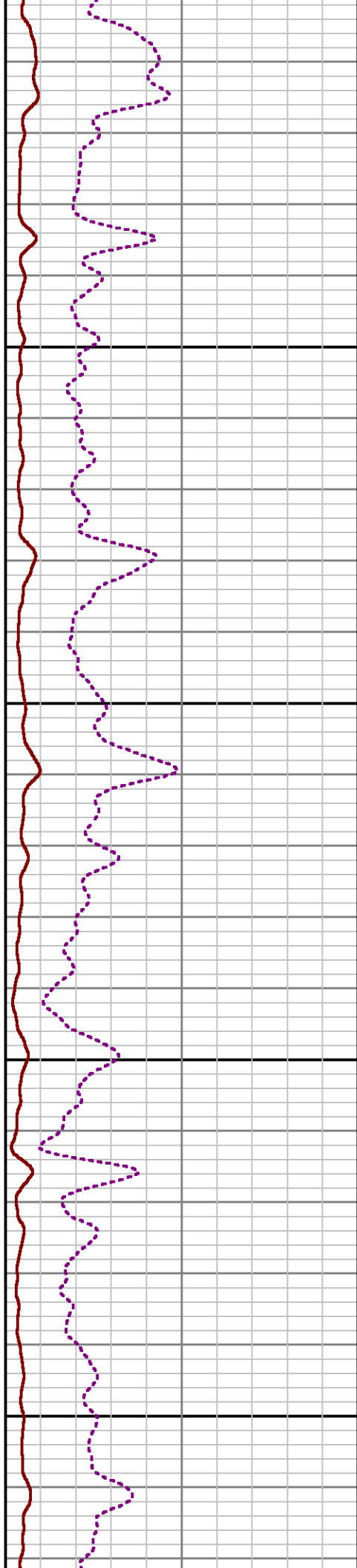
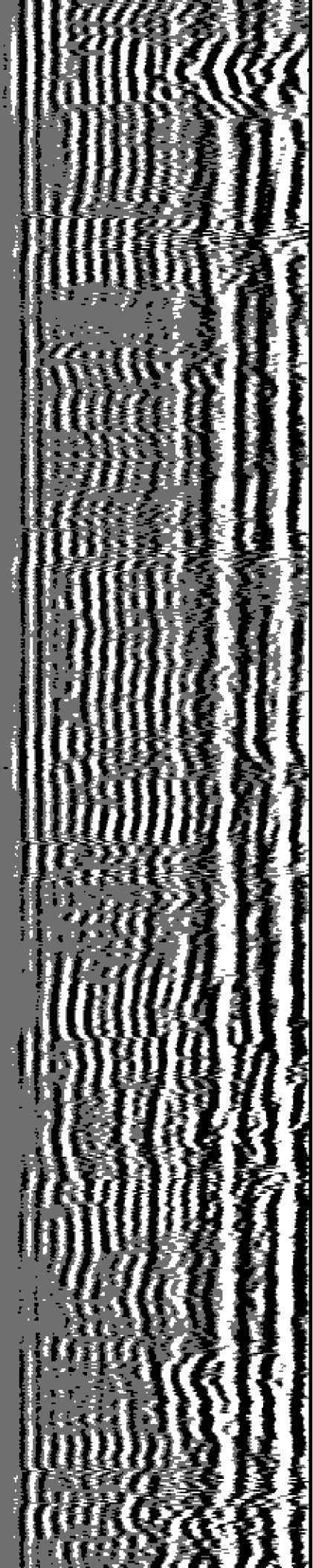


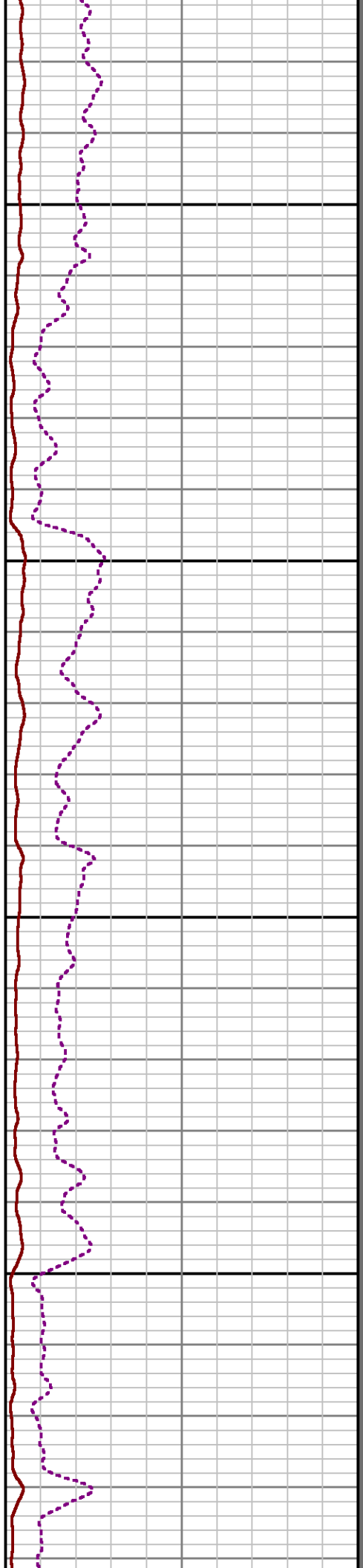
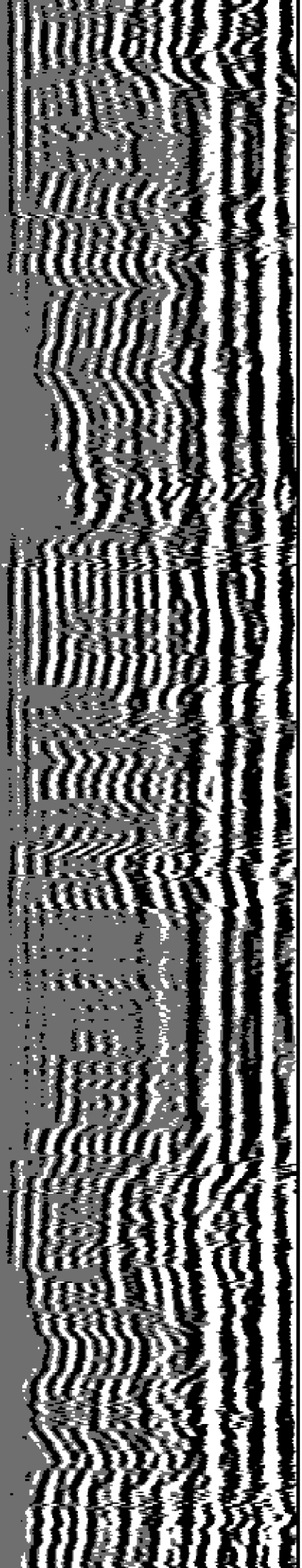


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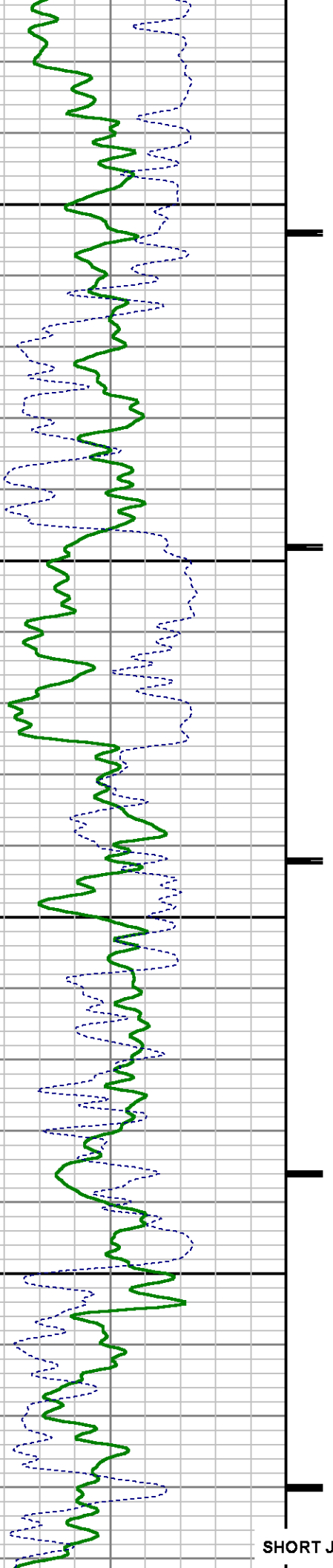




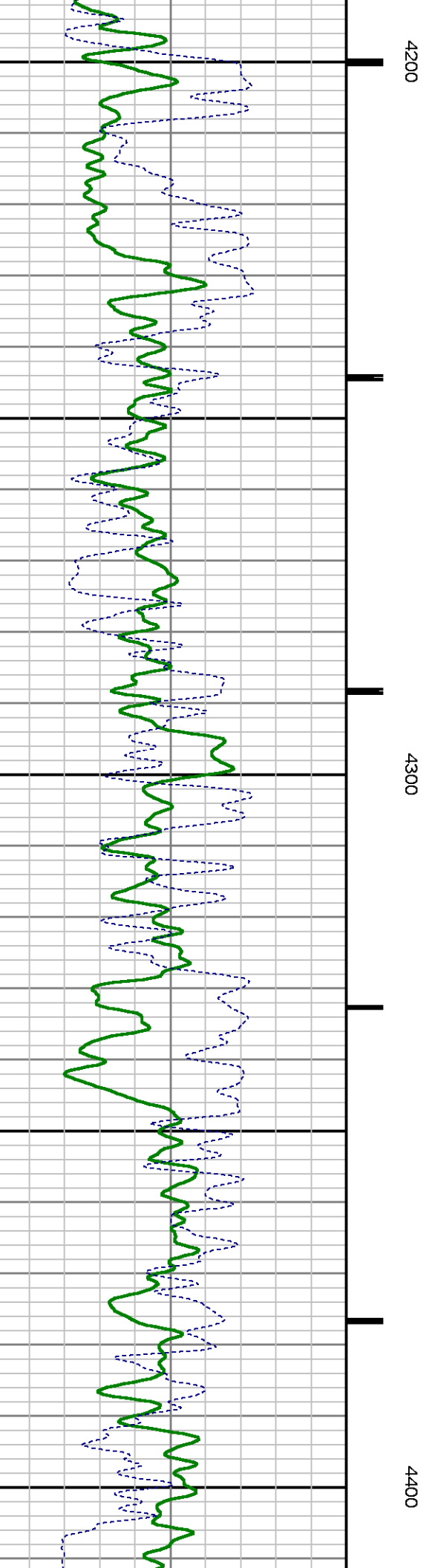
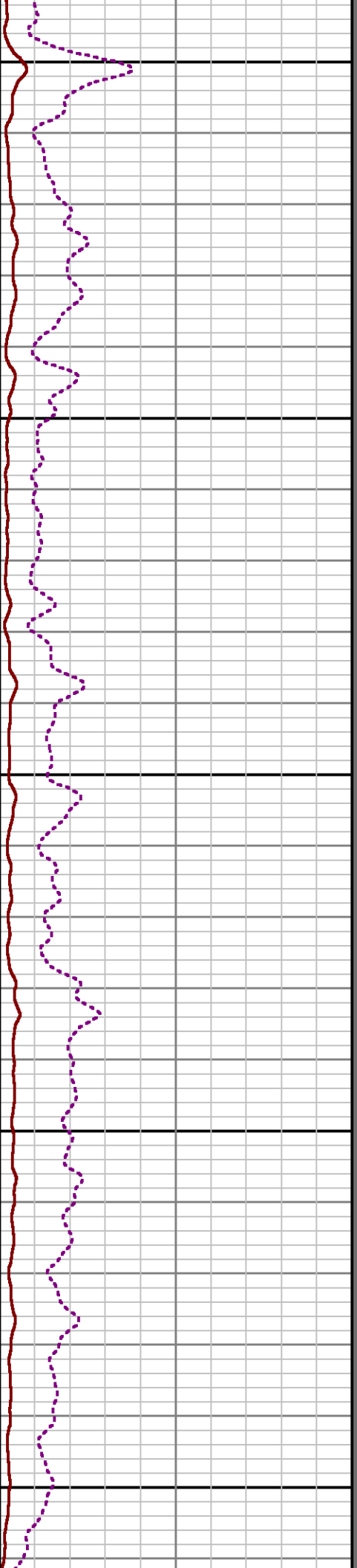
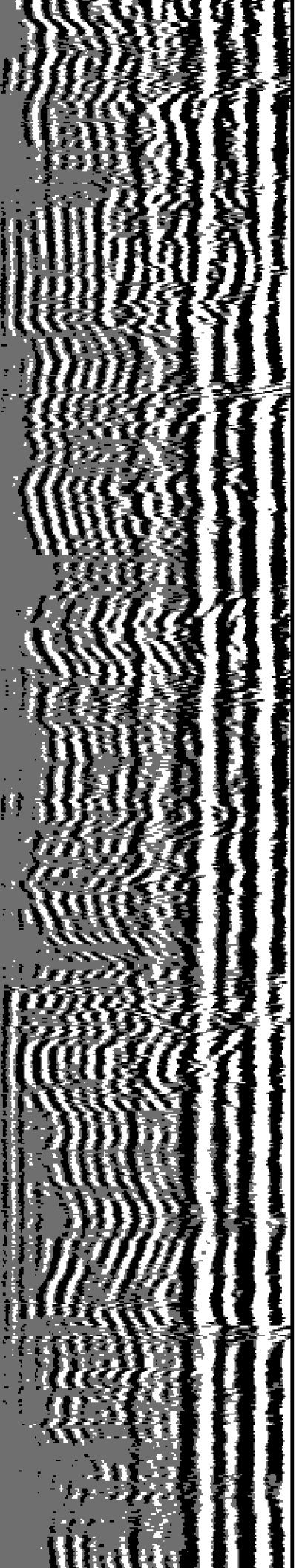
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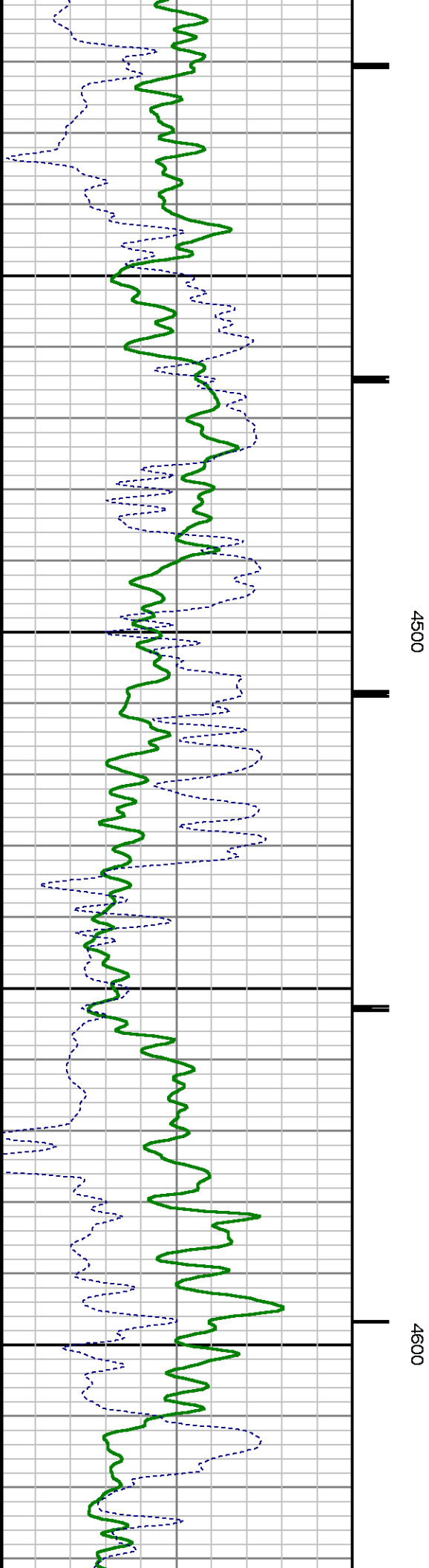
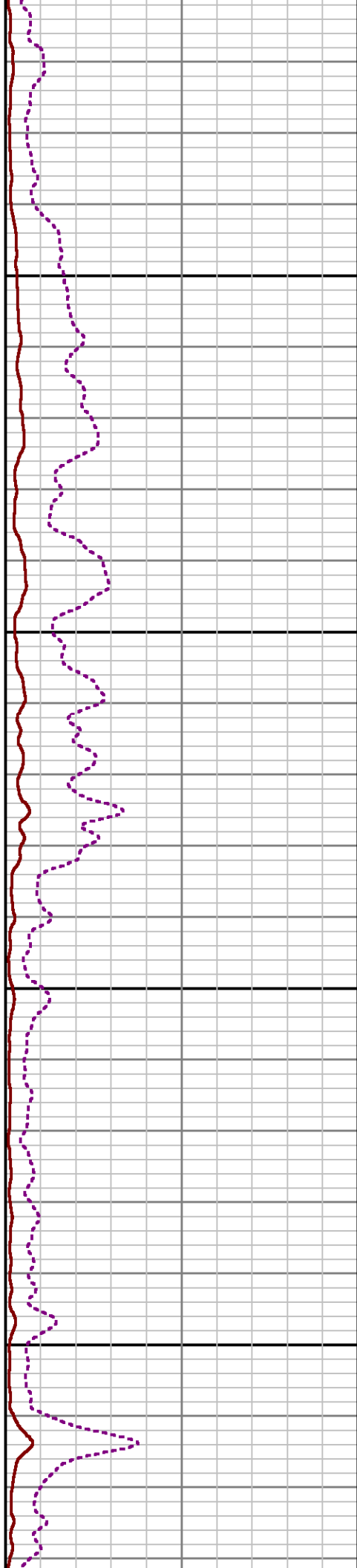
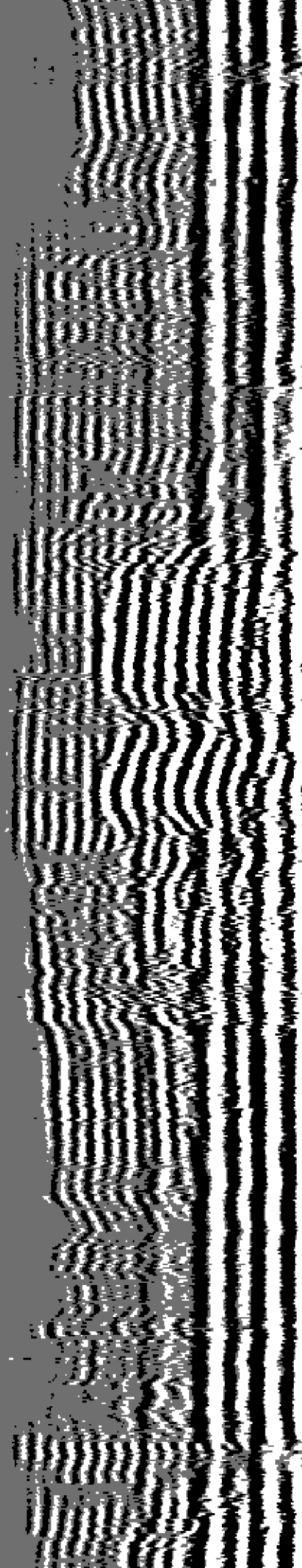
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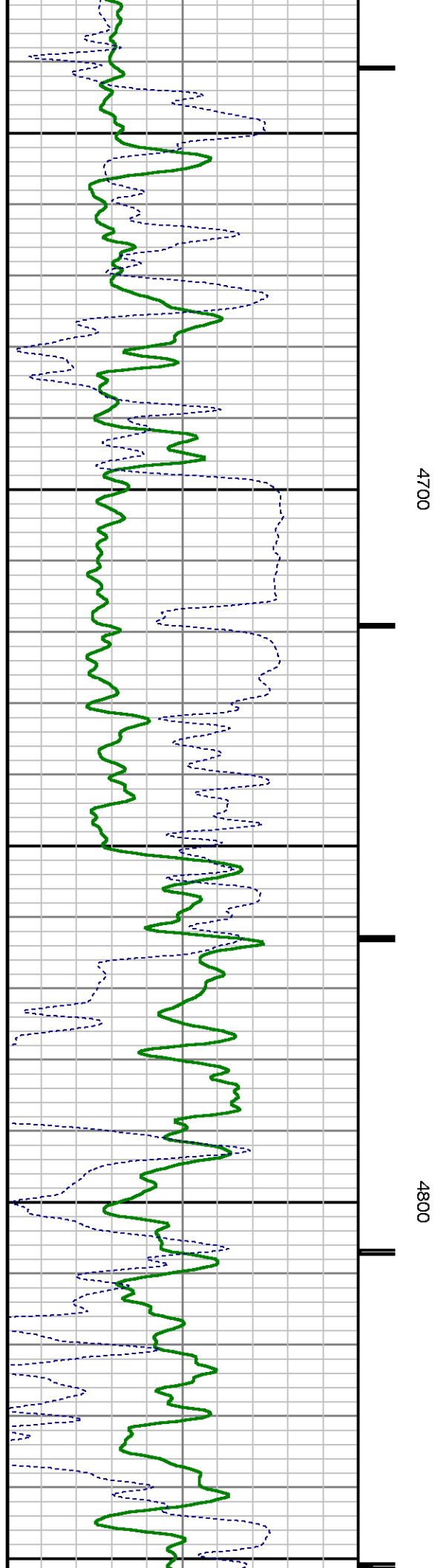
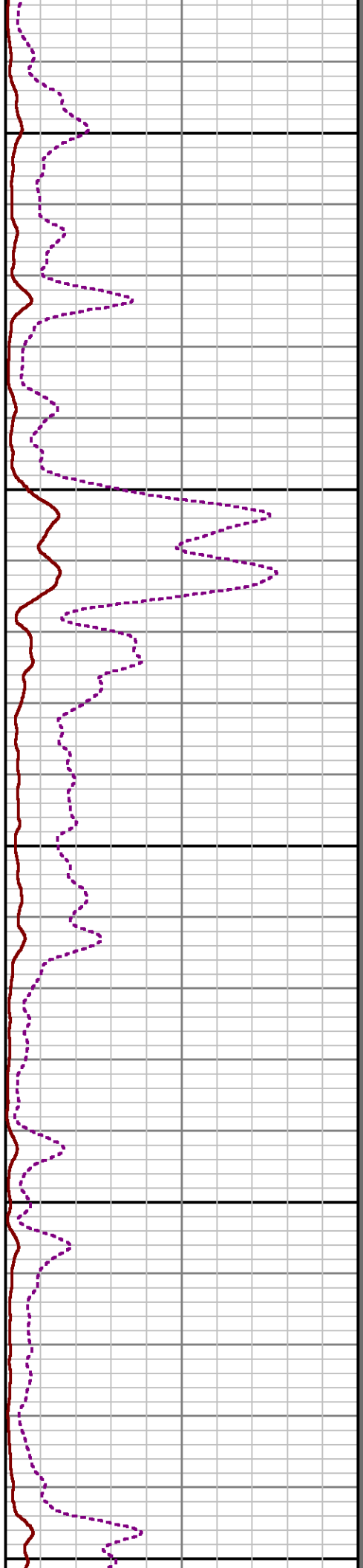
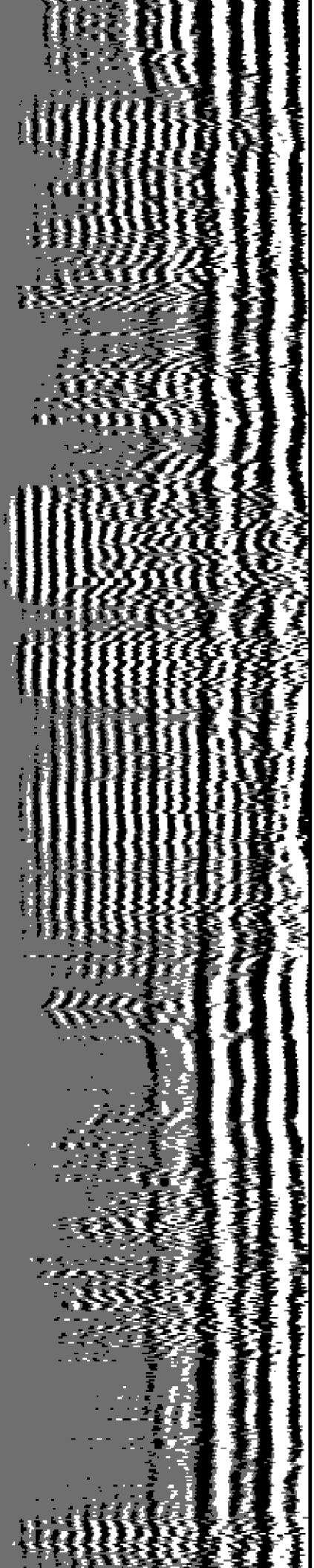
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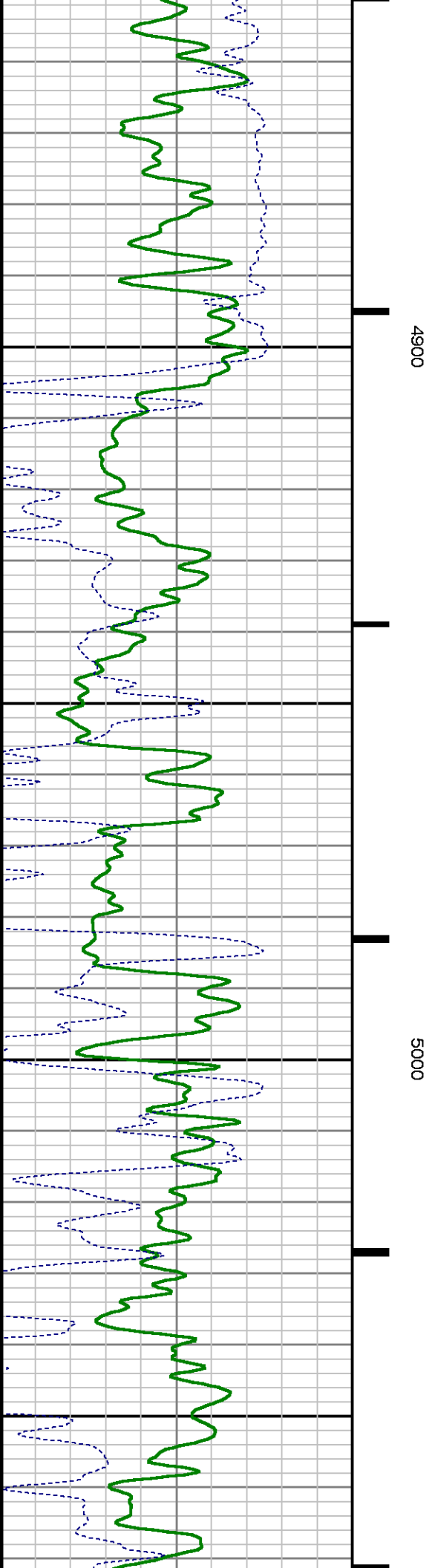
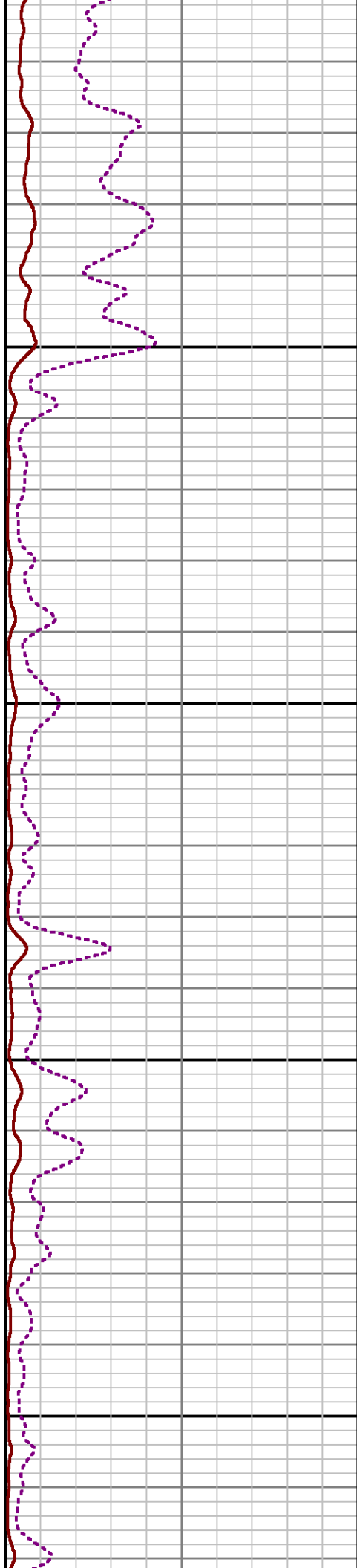
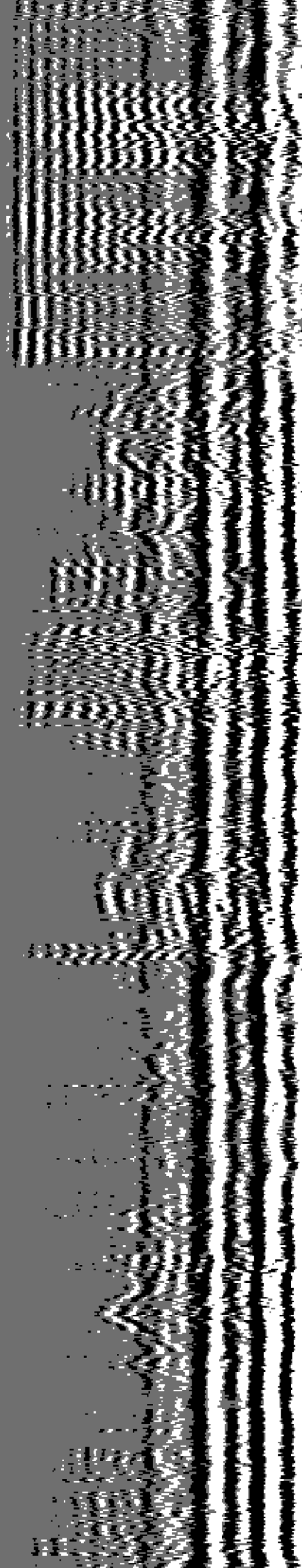


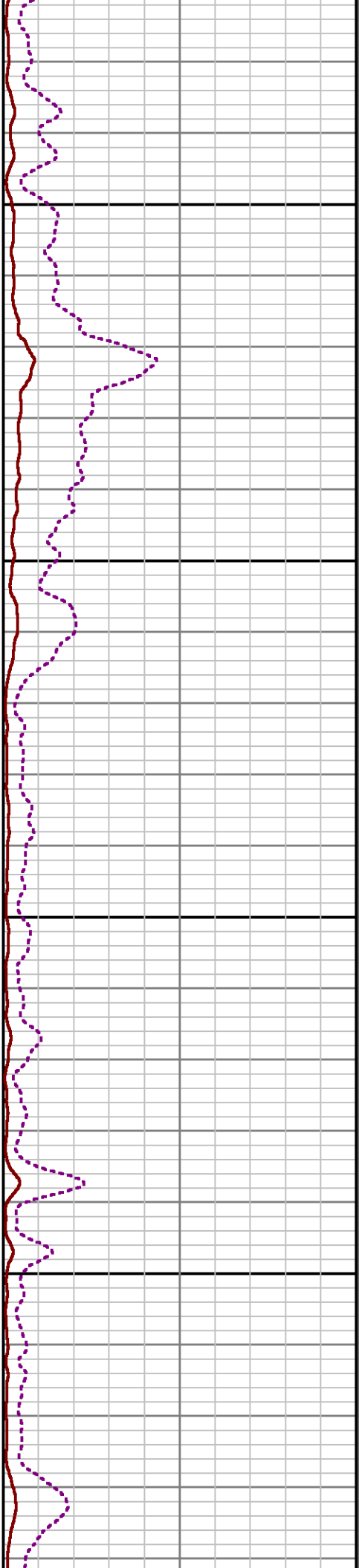
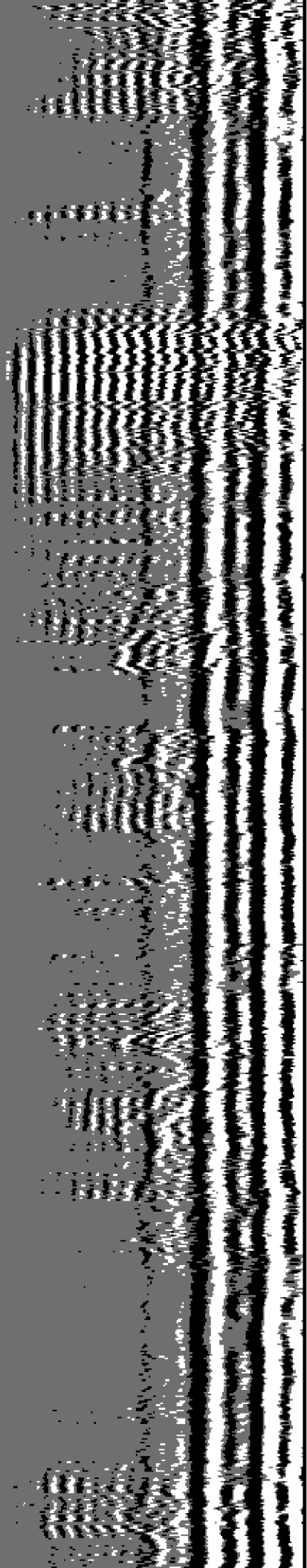






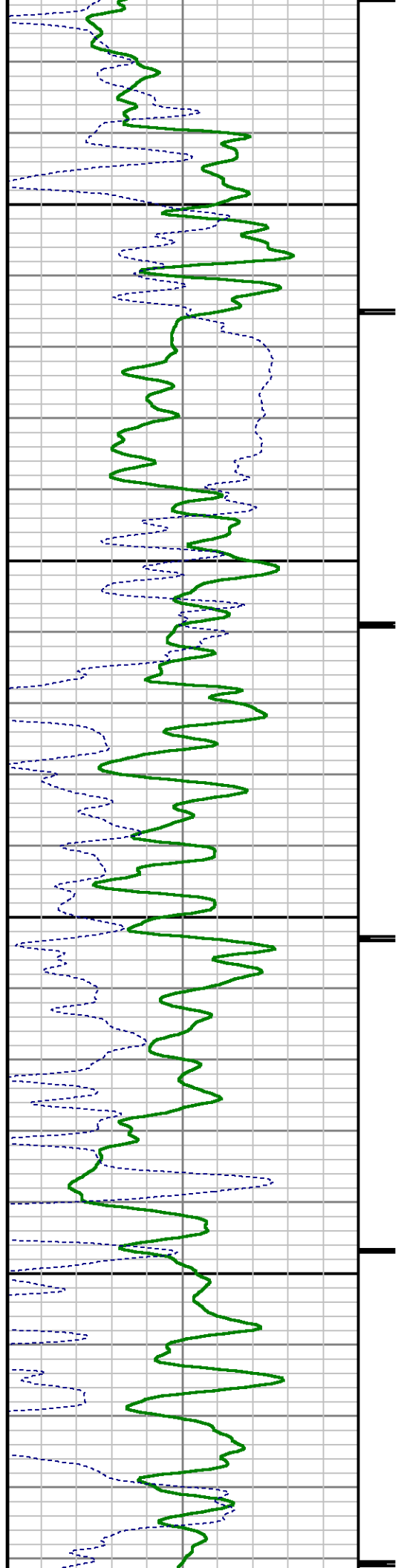




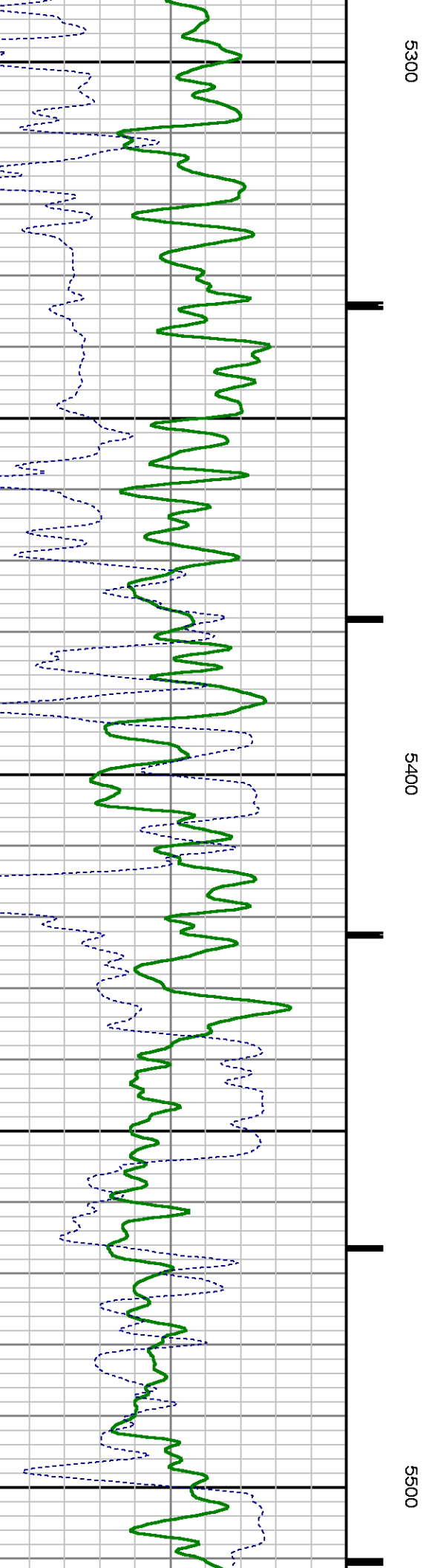
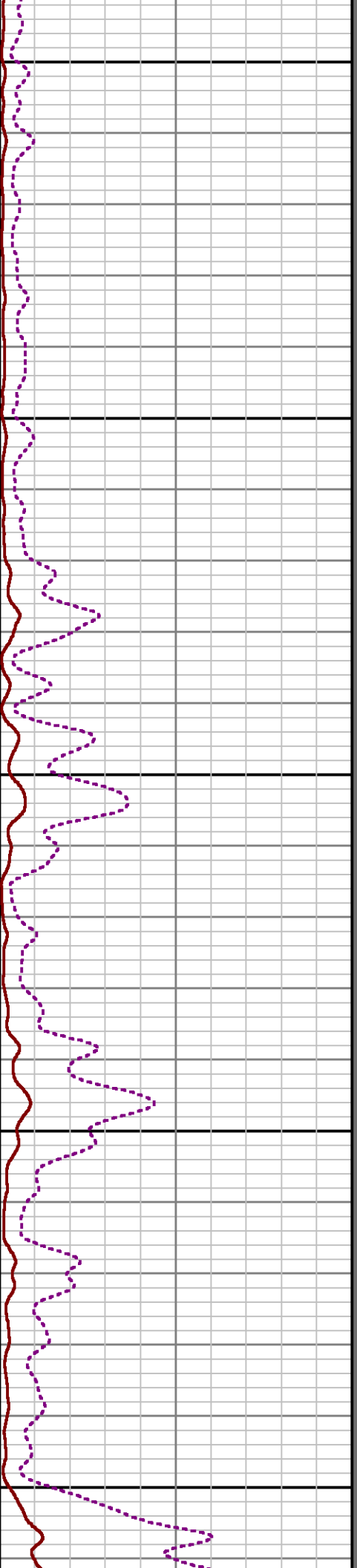
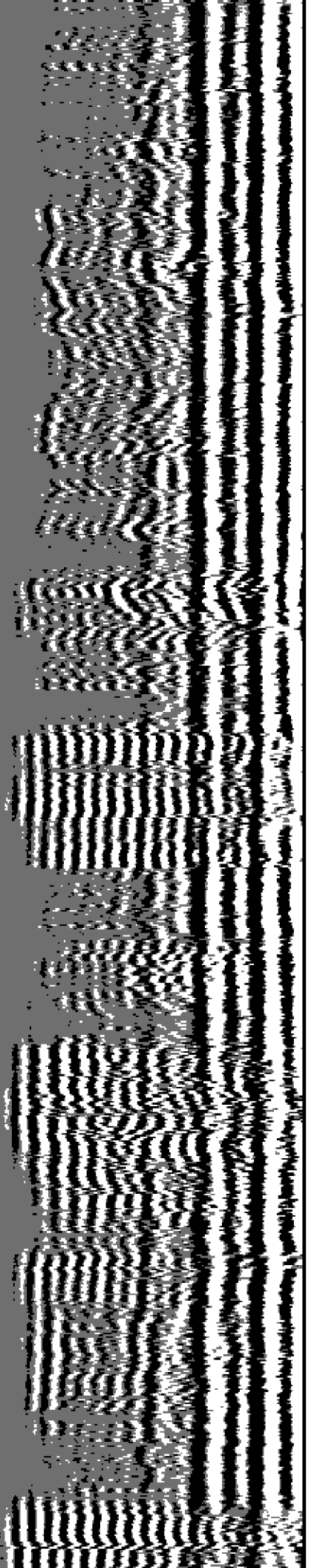


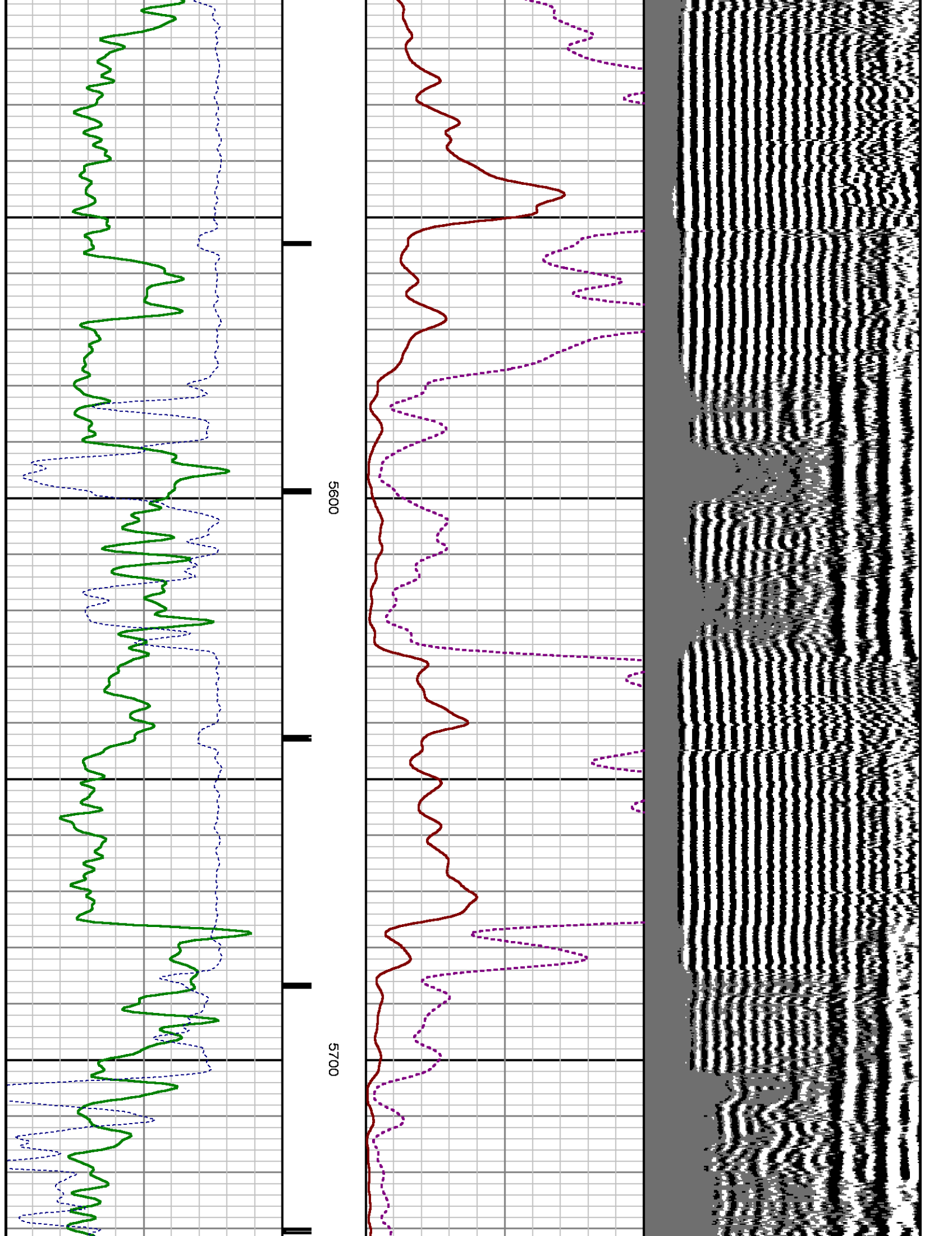
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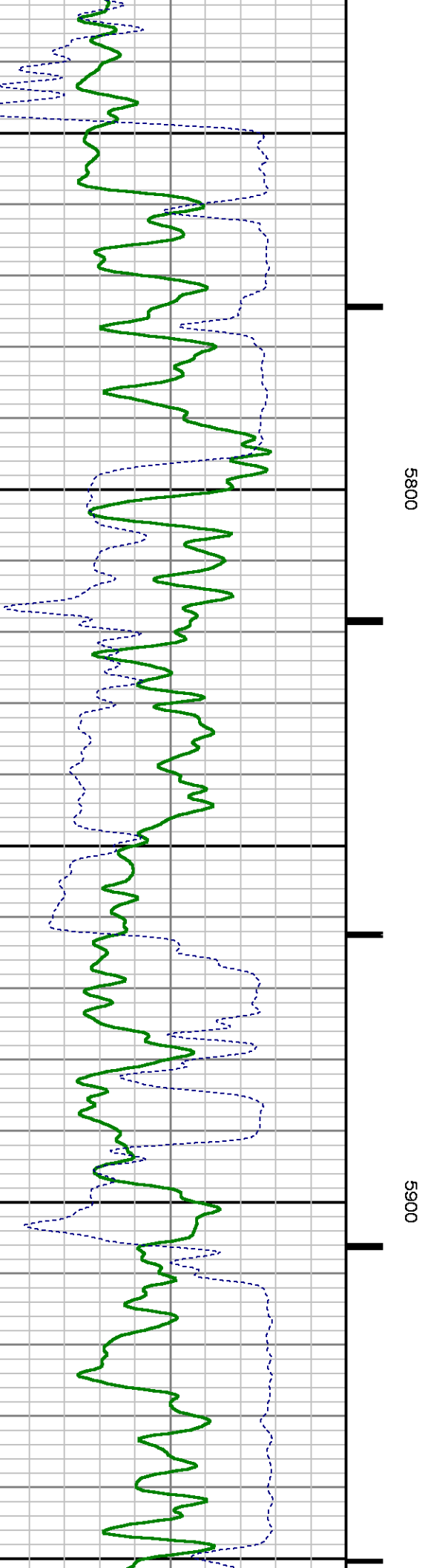
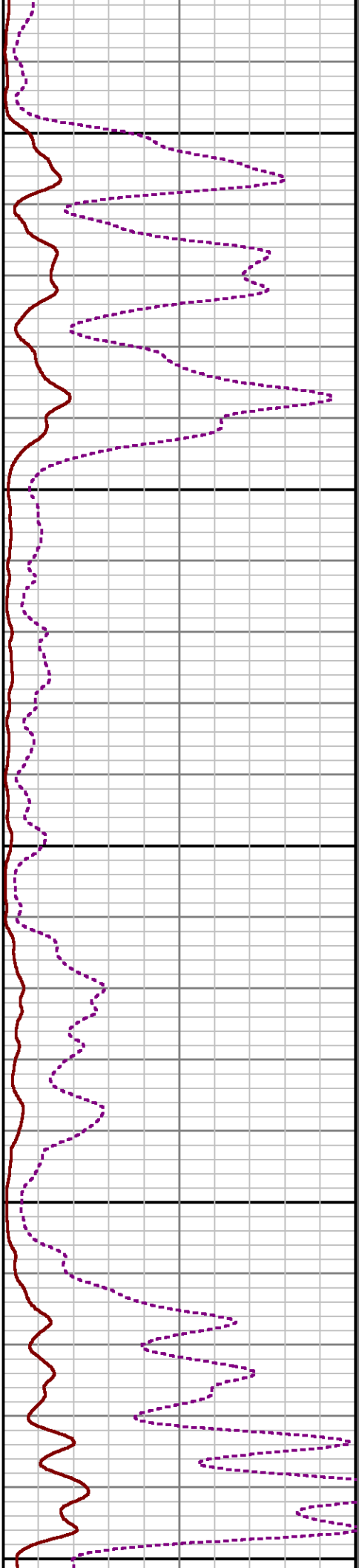
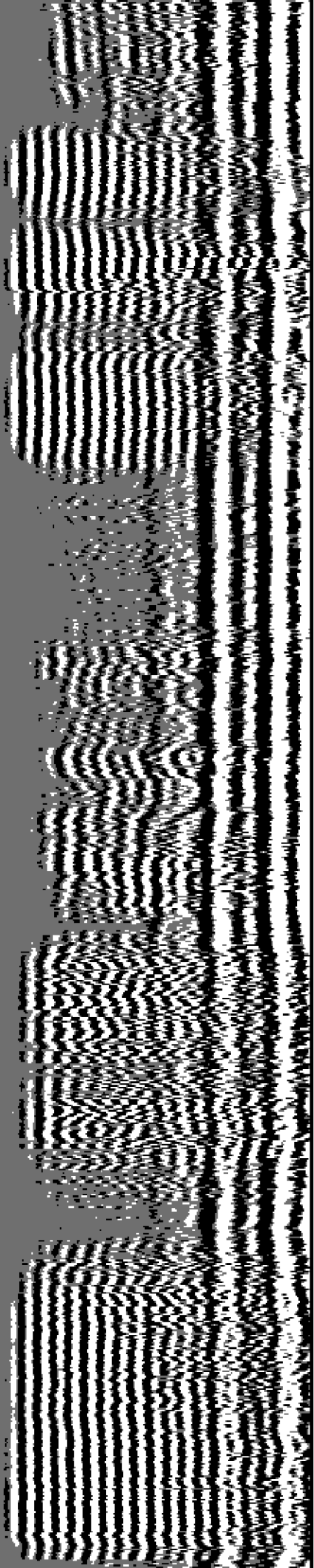


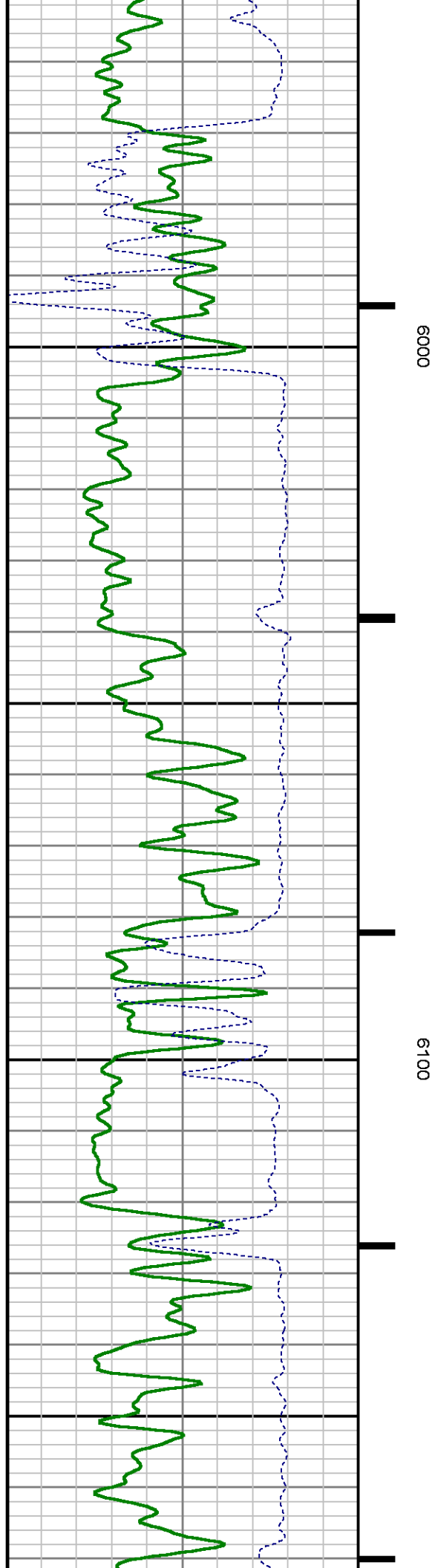
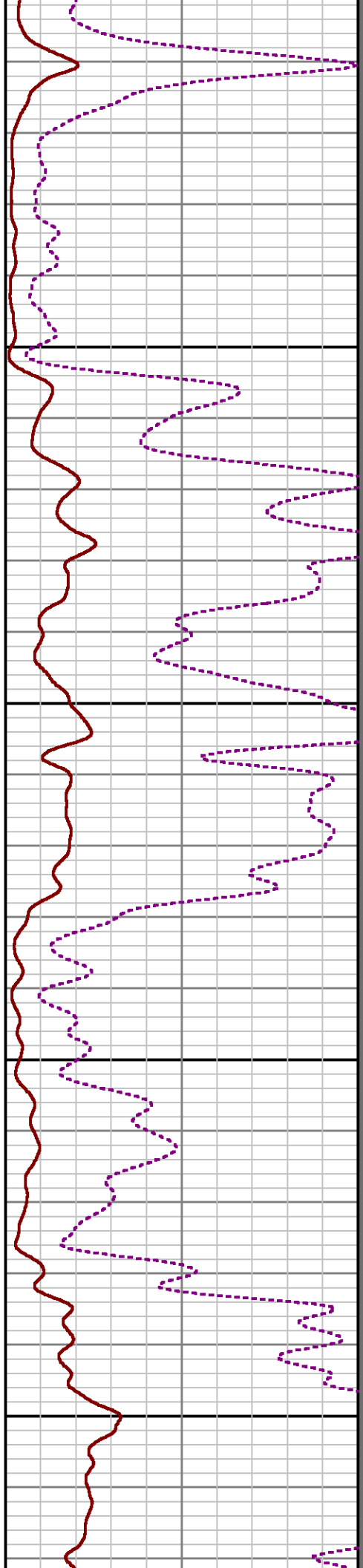
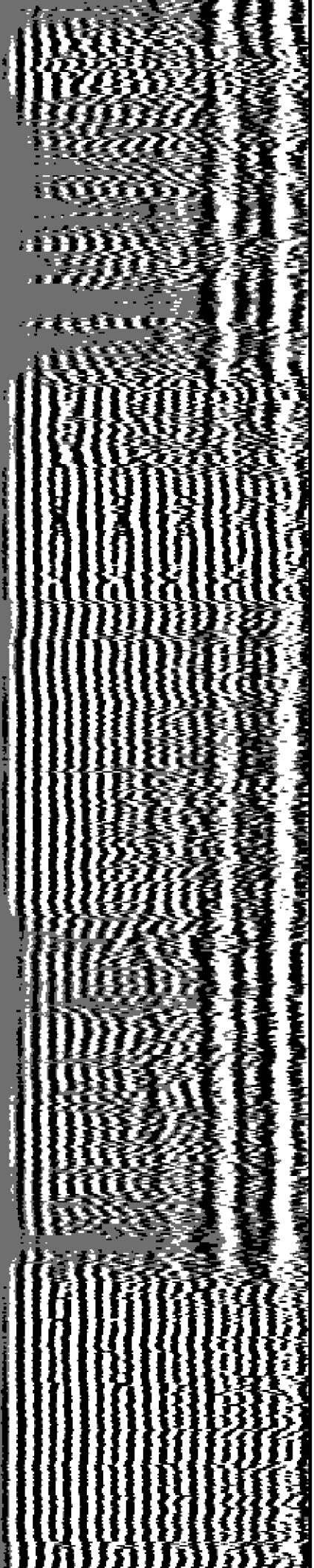


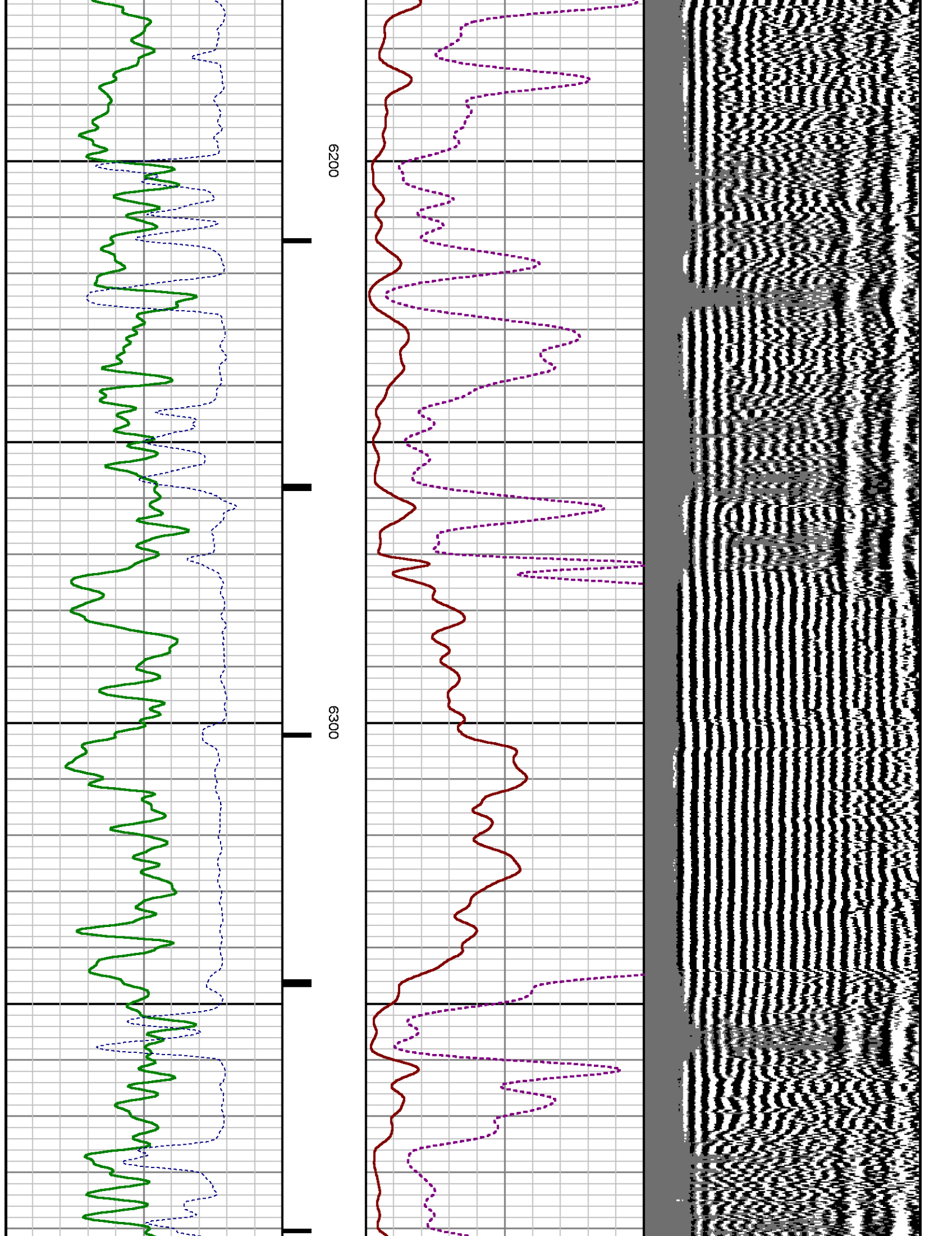


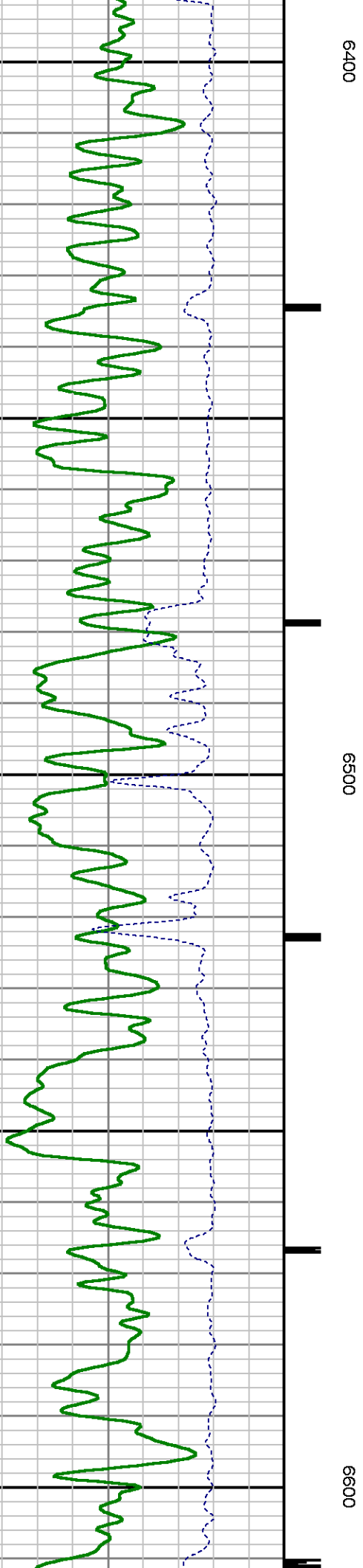
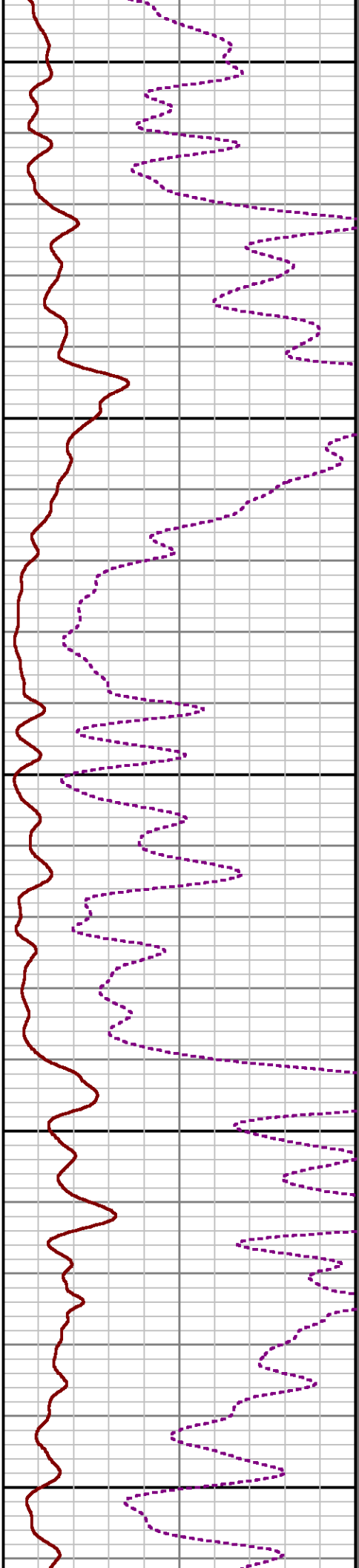
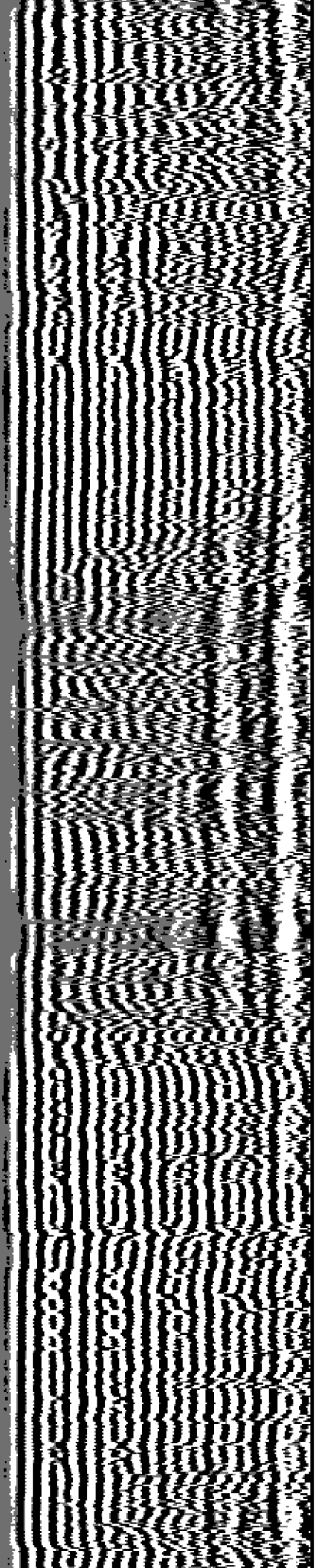




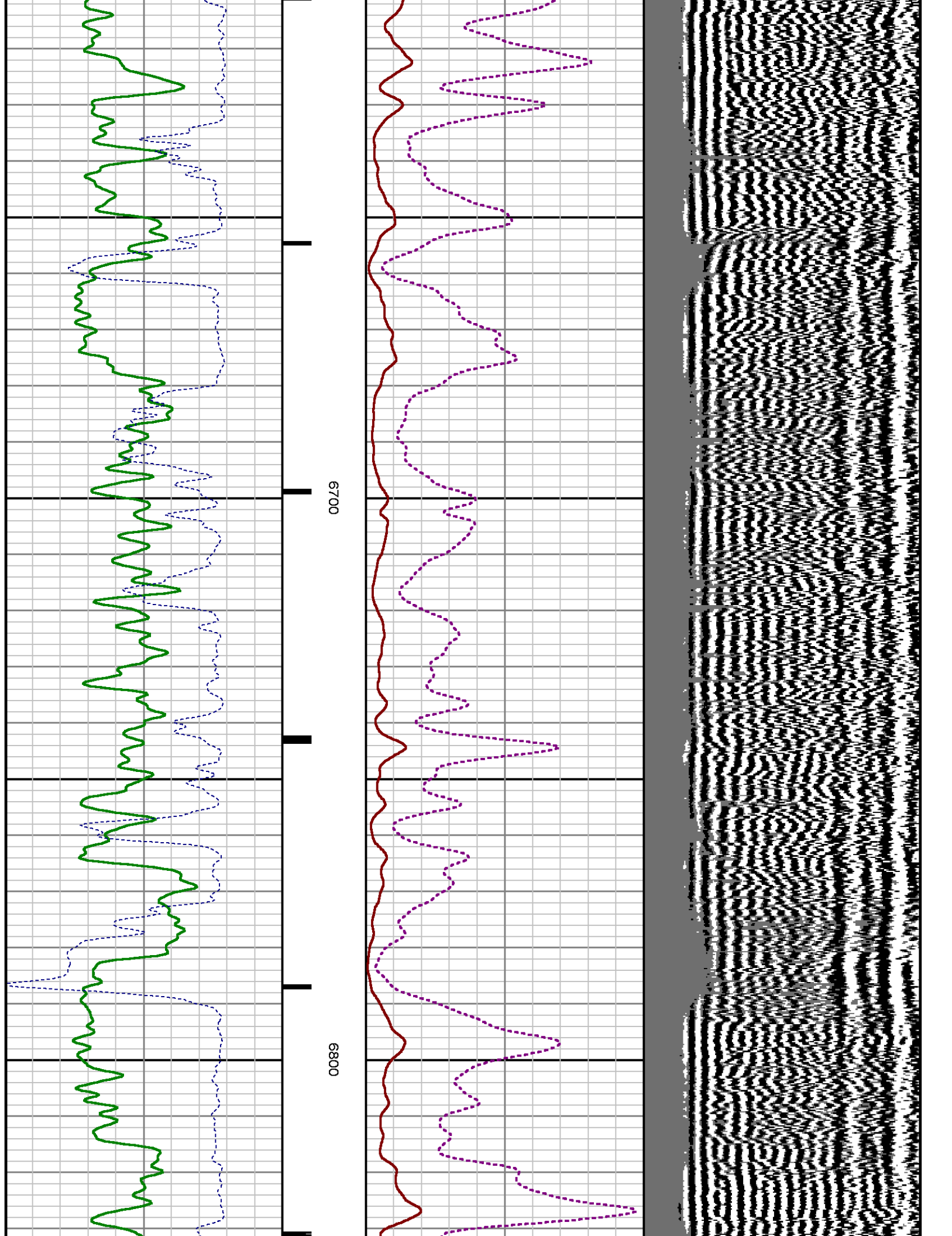


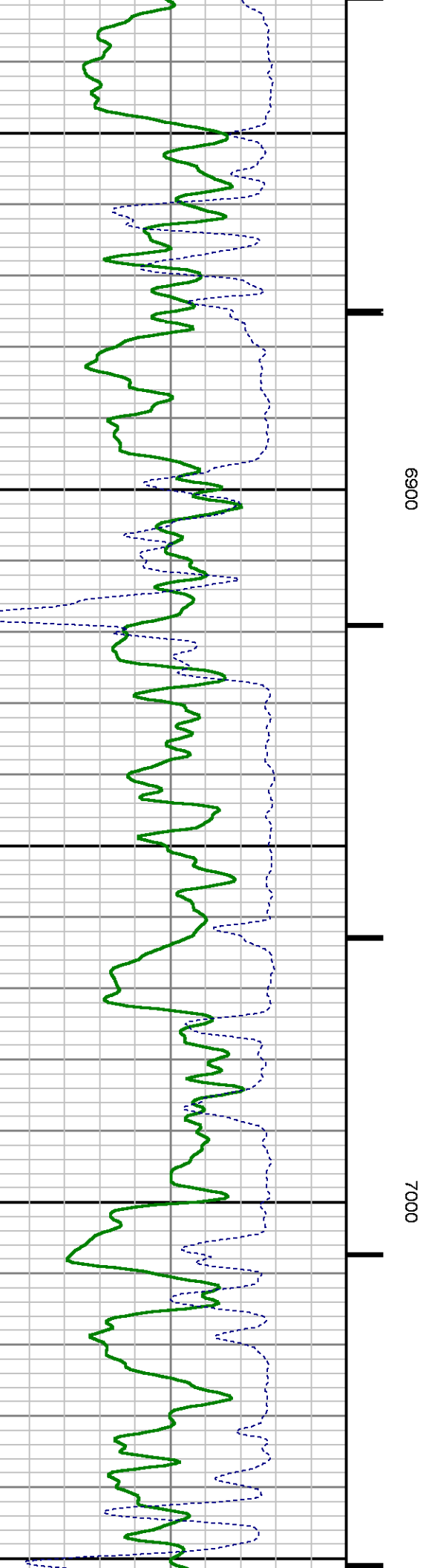
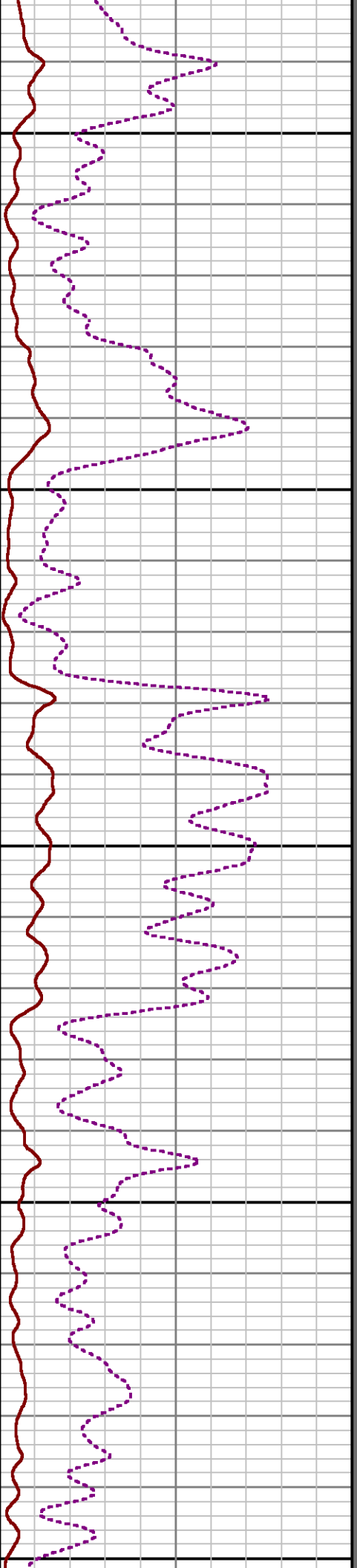
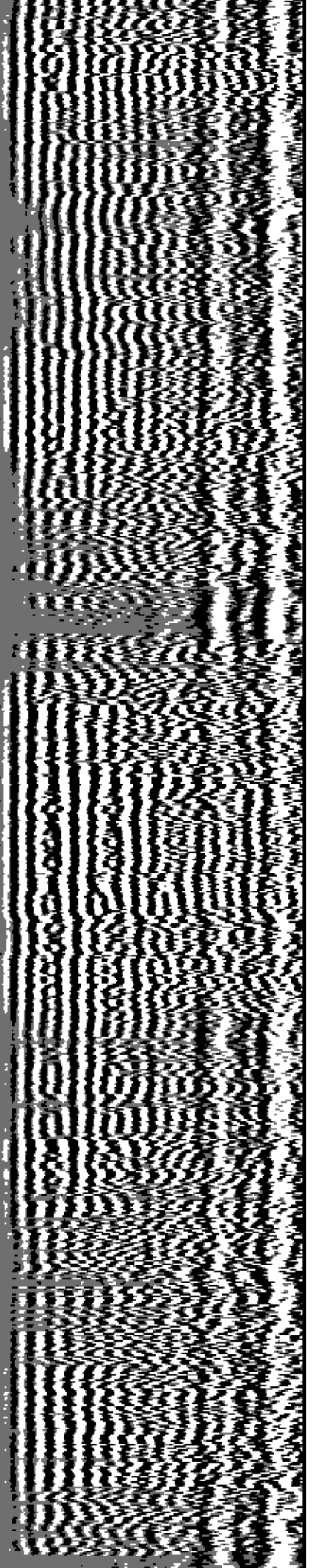


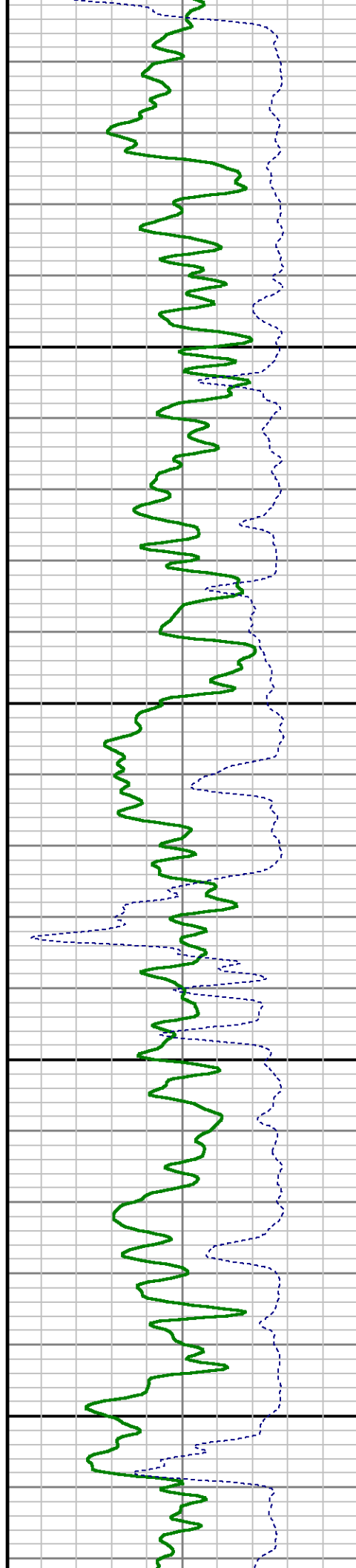
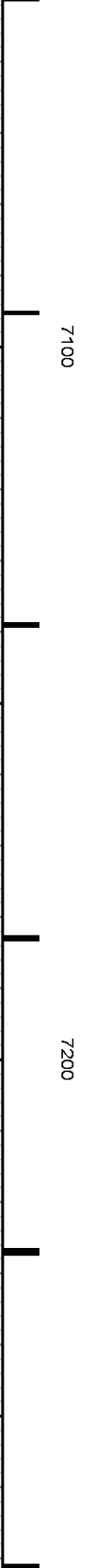
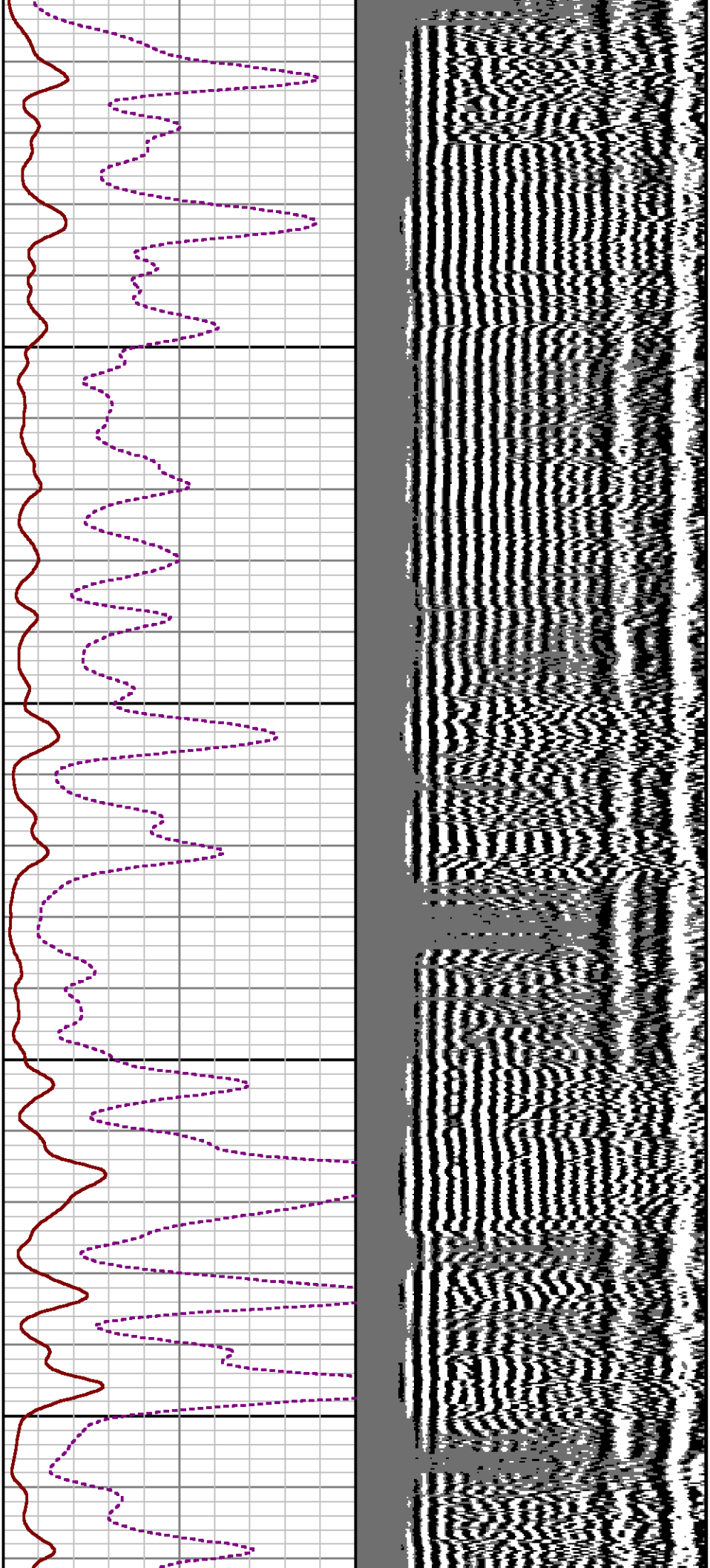




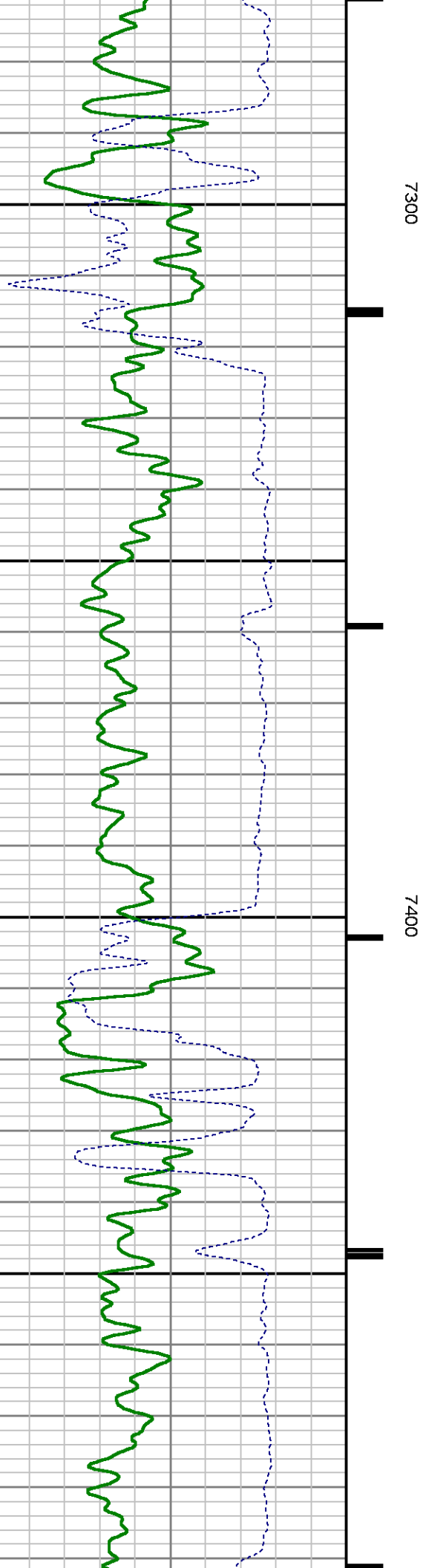
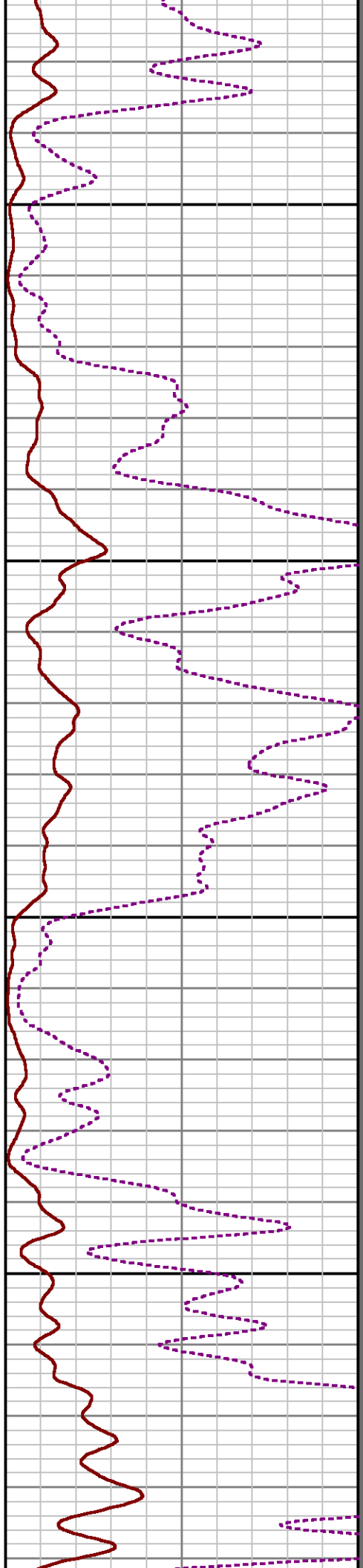
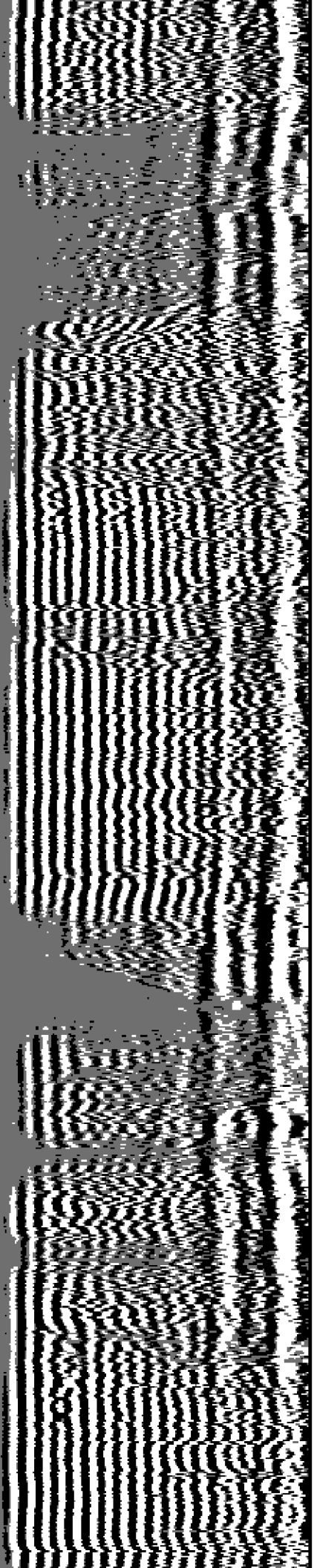


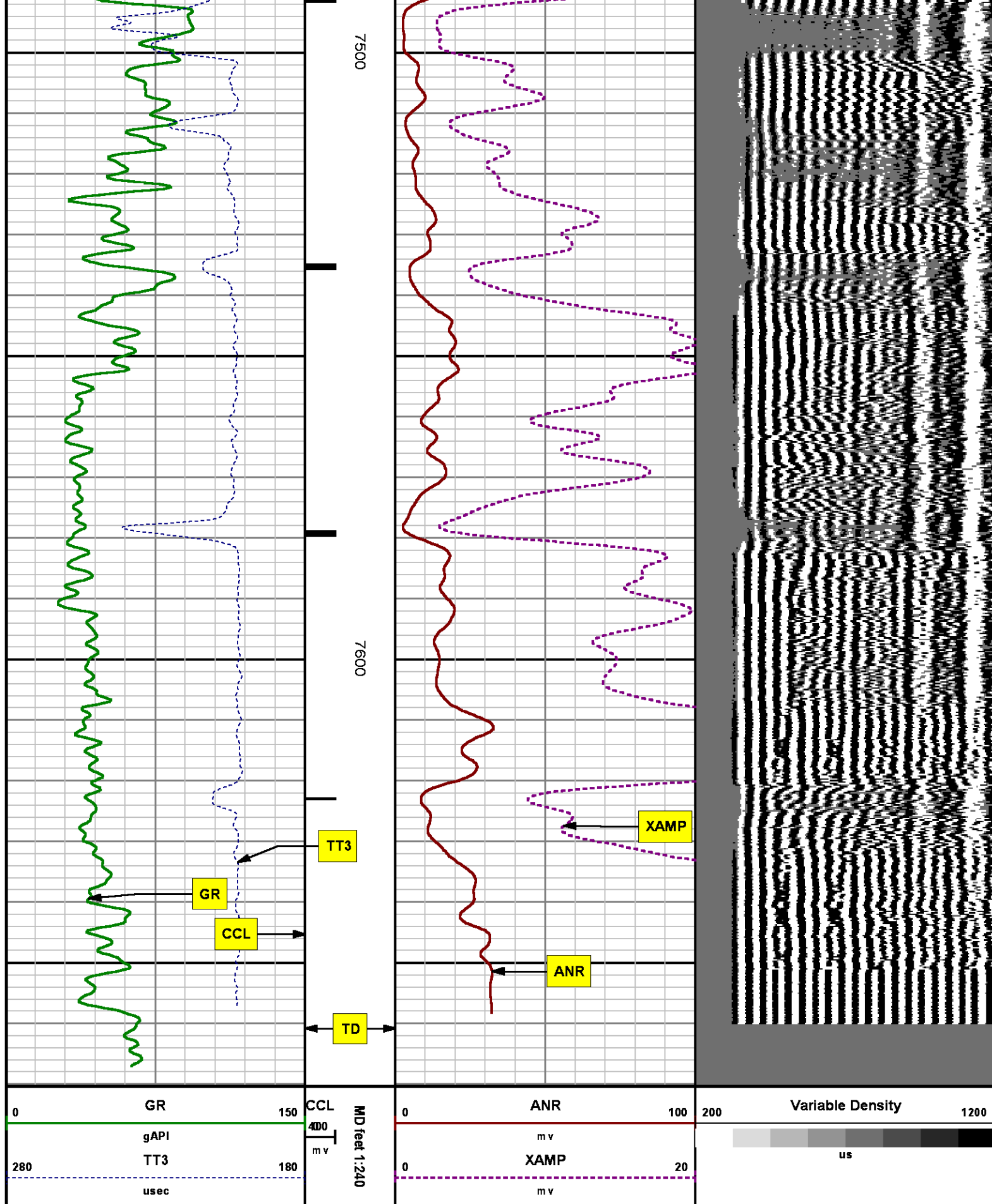












# SECONDARY PRESENTATION

## O PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	25.606	375.000
RAL	Amp Gate Start Near	195.000	usec	25.606	375.000
RAL	Amp Gate Start Radial	195.000	usec	25.606	375.000
RAL	Amp Gate Width Far	25.000	usec	25.606	375.000
RAL	Amp Gate Width Near	25.000	usec	25.606	375.000
RAL	Amp Gate Width Radial	25.000	usec	25.606	375.000
RAL	casing od	4.500	inches	25.606	375.000
RAL	casing wt	11.600	lbm/ft	25.606	375.000
RAL	FB Start Far	291.900	usec	25.606	375.000
RAL	FB Start Near	180.000	usec	25.606	375.000
RAL	FB Start Radial	180.000	usec	25.606	375.000
RAL	FB Thresh Far	10.000	mV	25.606	375.000
RAL	FB Thresh Near	4.000	mV	25.606	375.000
RAL	FB Thresh Radial	4.000	mV	25.606	375.000
RAL	Fluid Travel Time	200.000	usec/ft	25.606	375.000
RAL	Amp Gate Start Far	305.000	usec	375.000	2975.000
RAL	Amp Gate Start Near	195.000	usec	375.000	2975.000
RAL	Amp Gate Start Radial	195.000	usec	375.000	2975.000
RAL	Amp Gate Width Far	25.000	usec	375.000	2975.000
RAL	Amp Gate Width Near	25.000	usec	375.000	2975.000
RAL	Amp Gate Width Radial	25.000	usec	375.000	2975.000
RAL	casing od	4.500	inches	375.000	2975.000
RAL	casing wt	11.600	lbm/ft	375.000	2975.000
RAL	FB Start Far	291.900	usec	375.000	2975.000
RAL	FB Start Near	180.000	usec	375.000	2975.000
RAL	FB Start Radial	180.000	usec	375.000	2975.000
RAL	FB Thresh Far	10.000	mV	375.000	2975.000
RAL	FB Thresh Near	4.000	mV	375.000	2975.000
RAL	FB Thresh Radial	4.000	mV	375.000	2975.000
RAL	Fluid Travel Time	200.000	usec/ft	375.000	2975.000
RAL	Amp Gate Start Far	305.000	usec	2975.000	7670.410
RAL	Amp Gate Start Near	195.000	usec	2975.000	7670.410
RAL	Amp Gate Start Radial	195.000	usec	2975.000	7670.410
RAL	Amp Gate Width Far	25.000	usec	2975.000	7670.410
RAL	Amp Gate Width Near	25.000	usec	2975.000	7670.410
RAL	Amp Gate Width Radial	25.000	usec	2975.000	7670.410
RAL	casing od	4.500	inches	2975.000	7670.410
RAL	casing wt	11.600	lbm/ft	2975.000	7670.410
RAL	FB Start Far	291.900	usec	2975.000	7670.410
RAL	FB Start Near	180.000	usec	2975.000	7670.410
RAL	FB Start Radial	180.000	usec	2975.000	7670.410

RAL	FB Thresh Far	10.000	mv	2975.000	7670.410
RAL	FB Thresh Near	4.000	mv	2975.000	7670.410
RAL	FB Thresh Radial	4.000	mv	2975.000	7670.410
RAL	Fluid Travel Time	200.000	usec/ft	2975.000	7670.128

## DEPTH OFFSETS

(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES					
1426XA	-11.000	ACAL	ANR	AR1	AR2	AR3	AR4
		AR5	AR6	AR7	AR8	CHV	FPR2
		FPR3	FPR5	TT3	TTR1	TTR2	TTR3
		TTR4	TTR5	TTR6	TTR7	TTR8	XAMP
1426XA	-10.040	AFAR	SIG	TT5			
1355XA	-5.620	CCL					
1355XA	-1.500	GR					
1355XA	0.000	TEMP					

Created by : RAL, v4.8.008

Plotted by : PlotMgr, v5.4.504

Company : WPX ENERGY

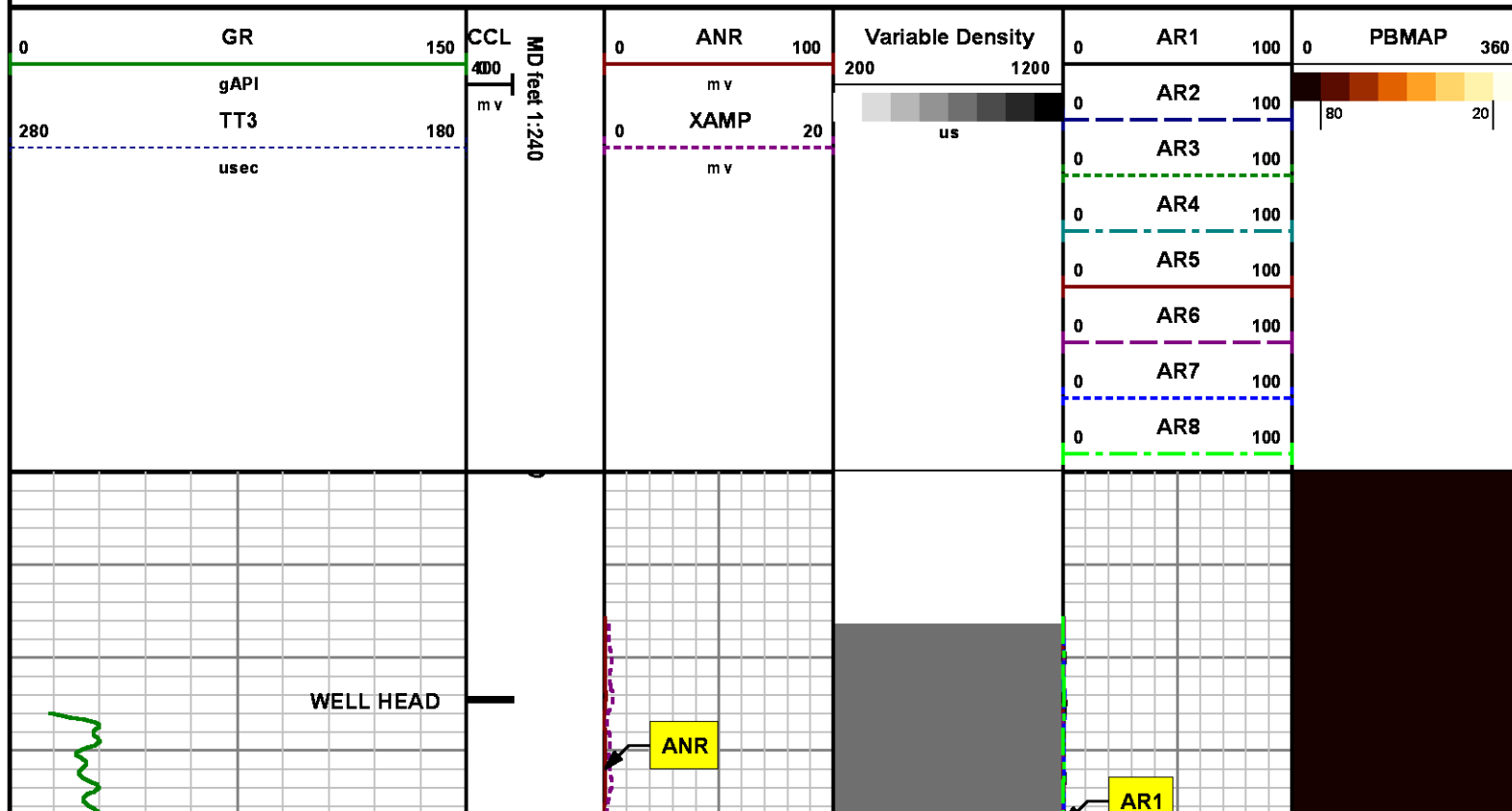
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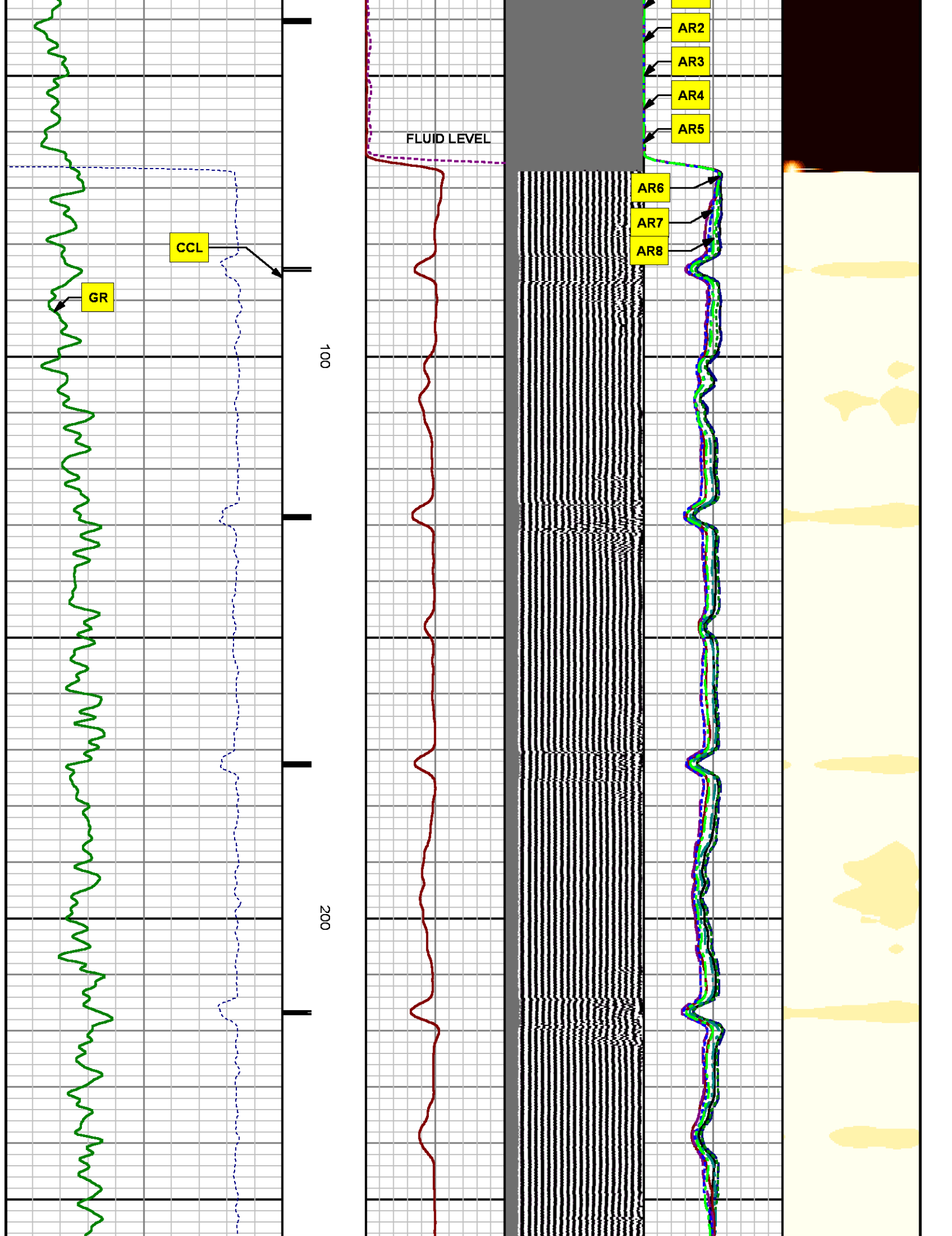
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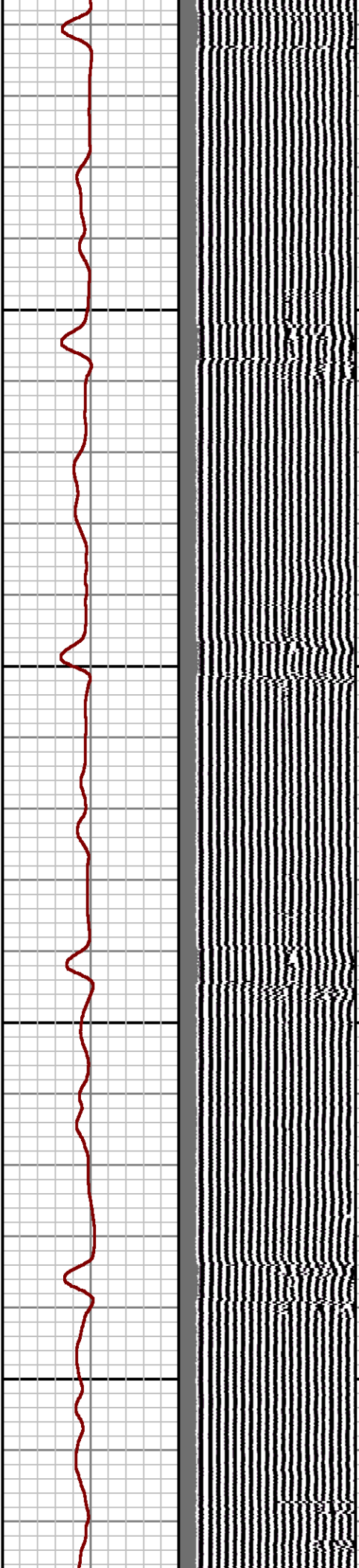
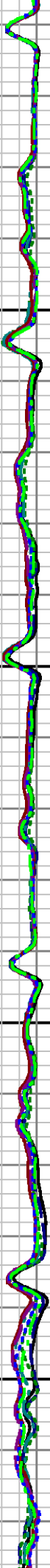
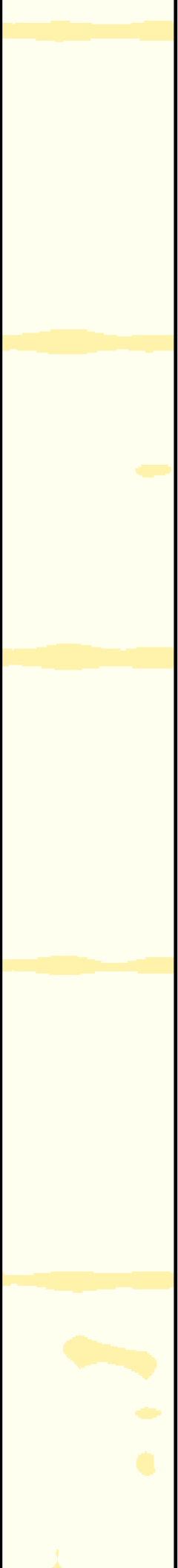
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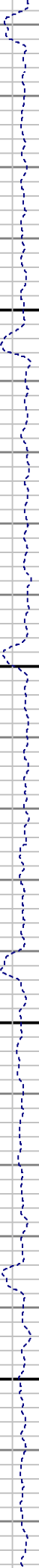


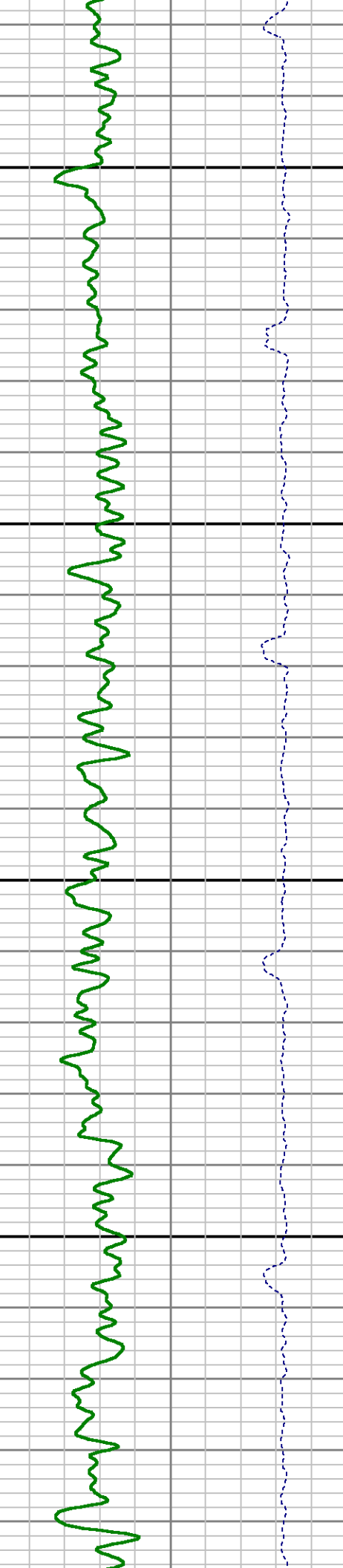
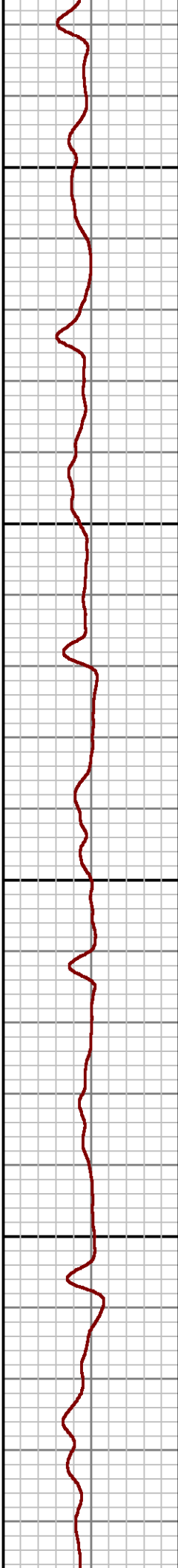
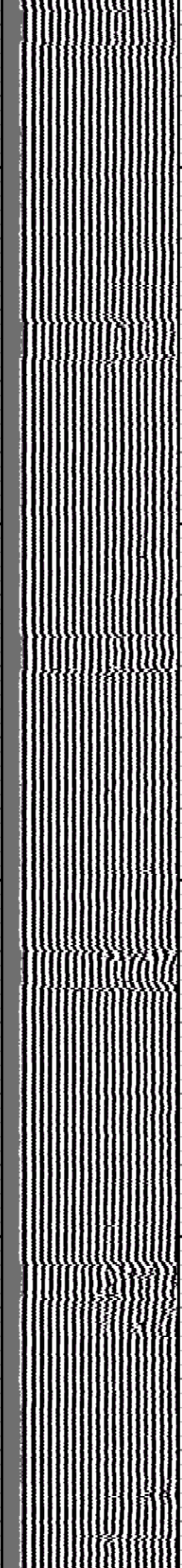
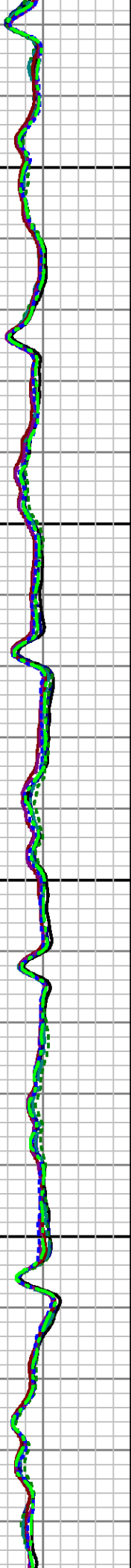
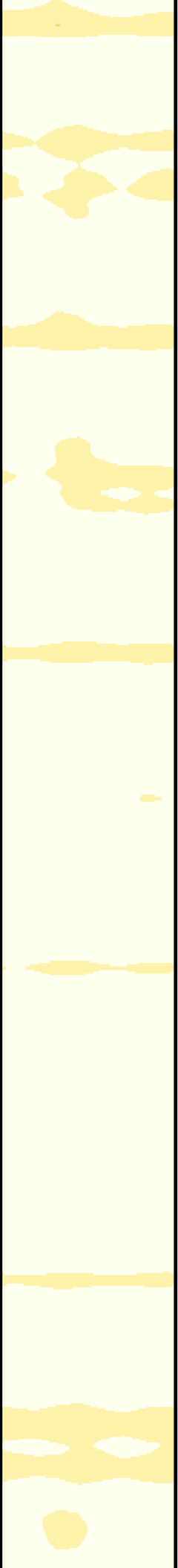


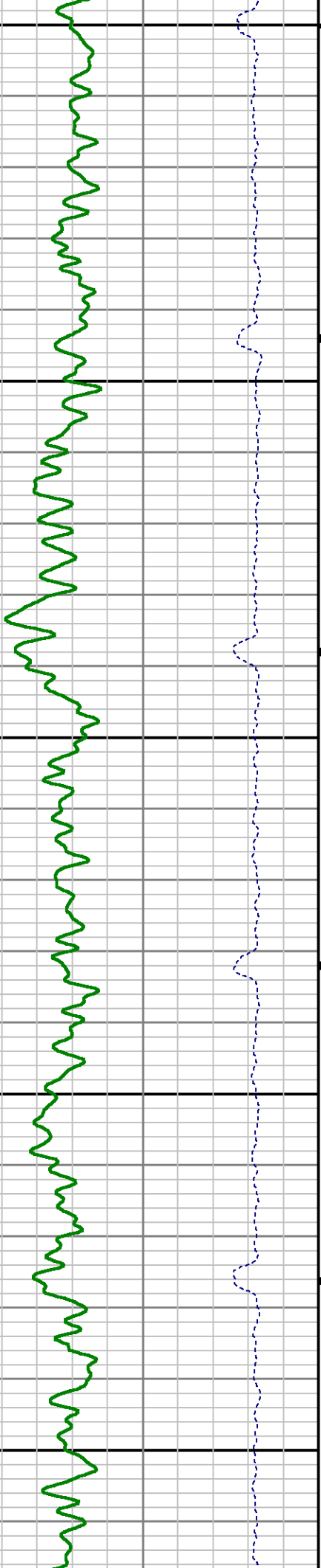
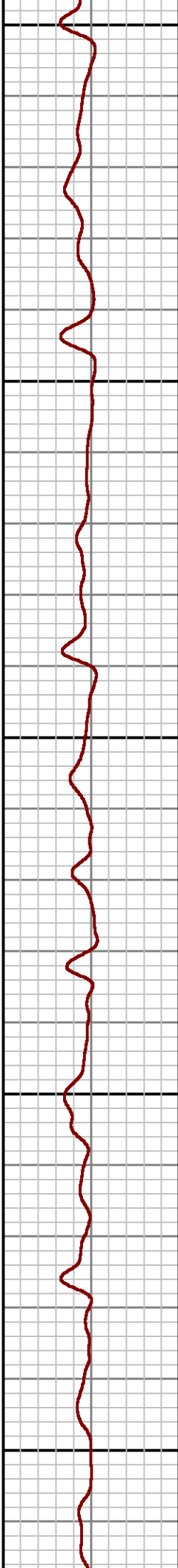
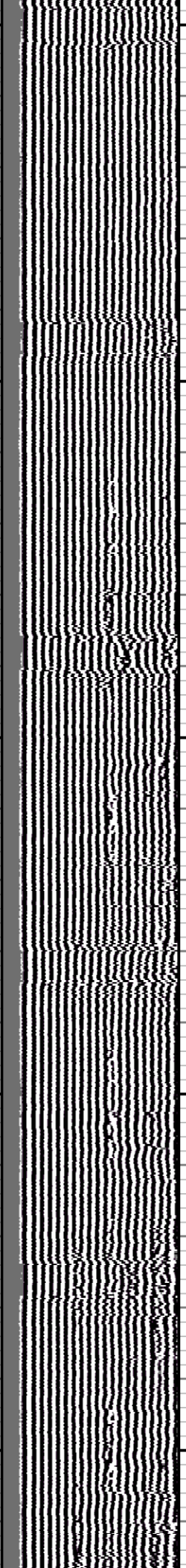
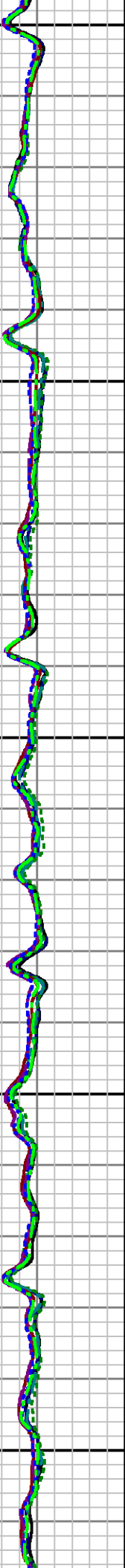
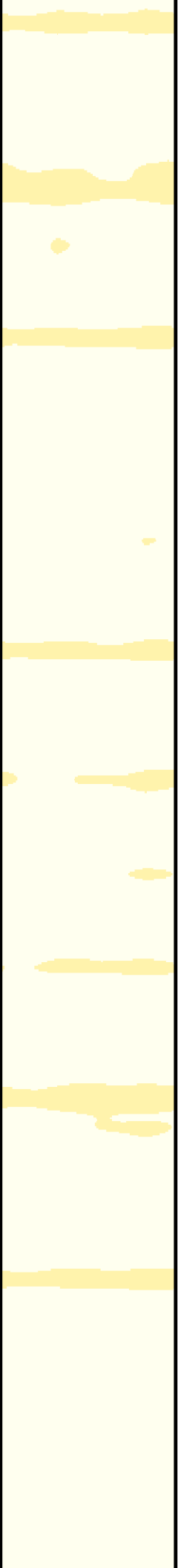


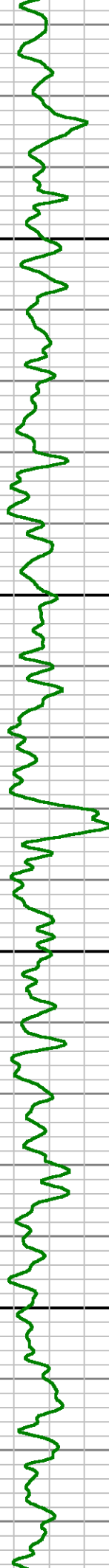
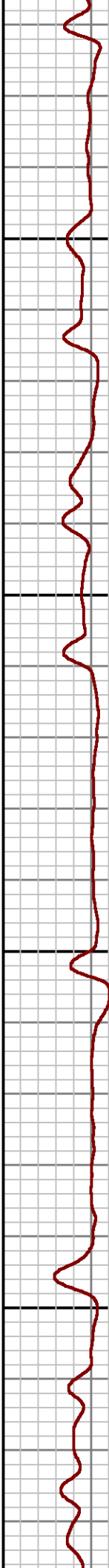
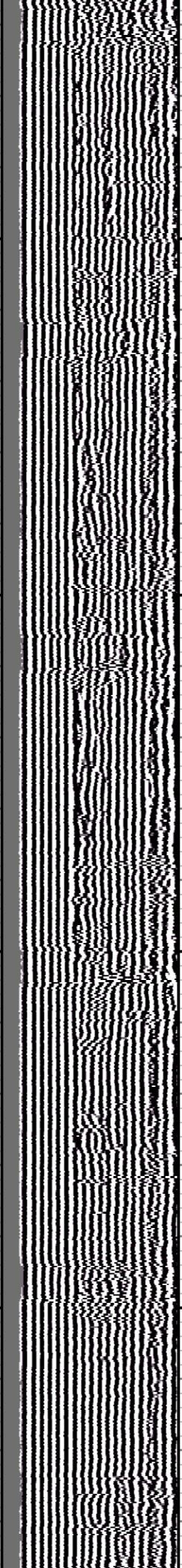
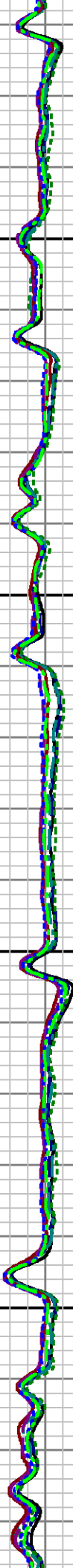
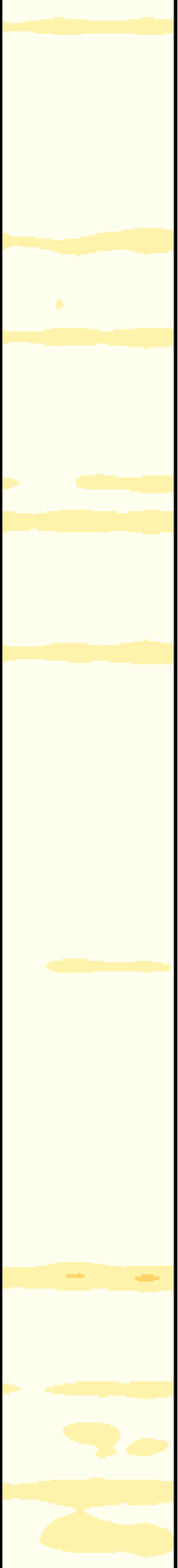
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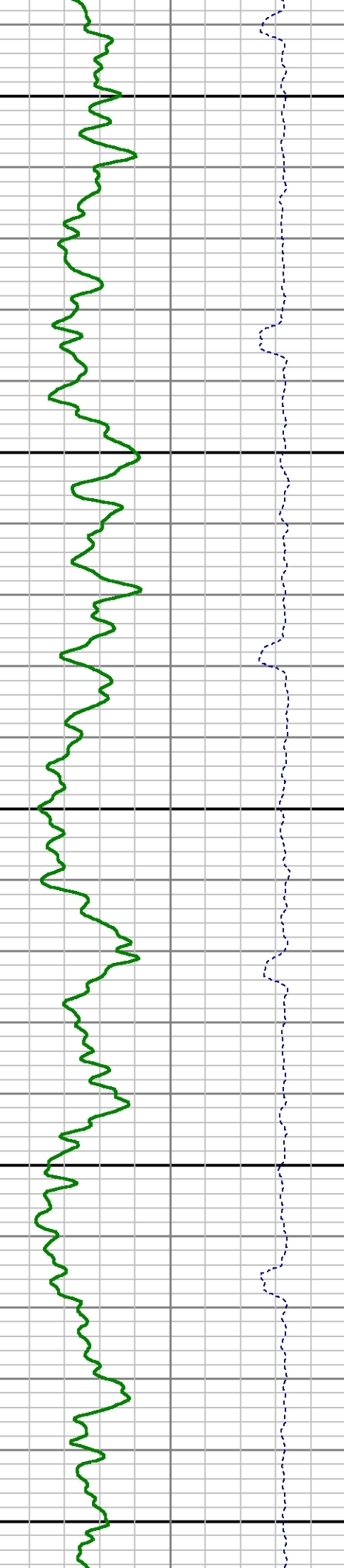
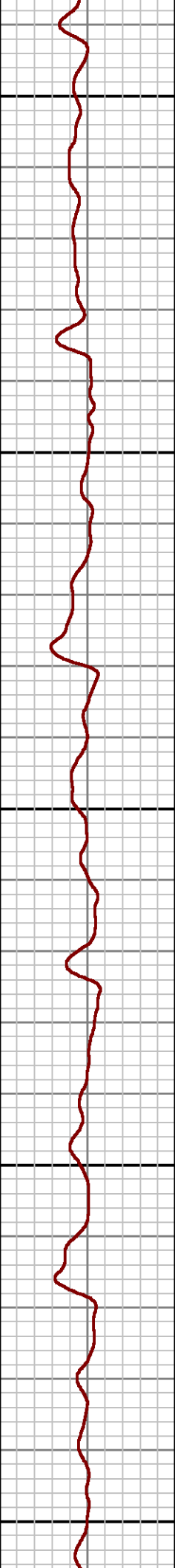
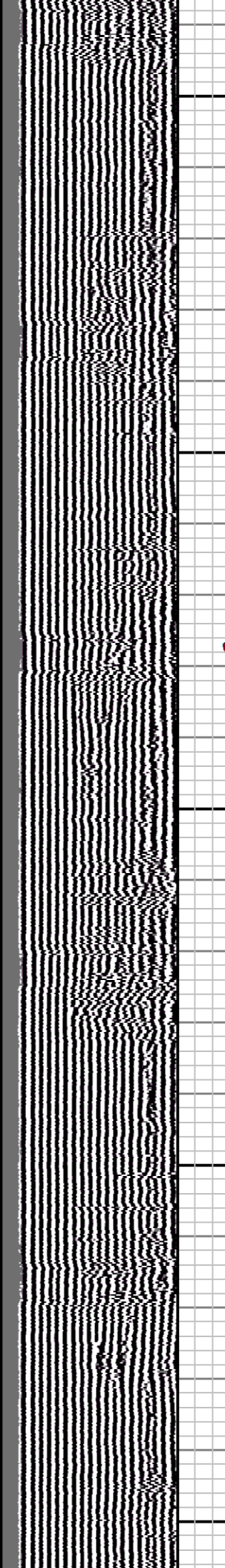
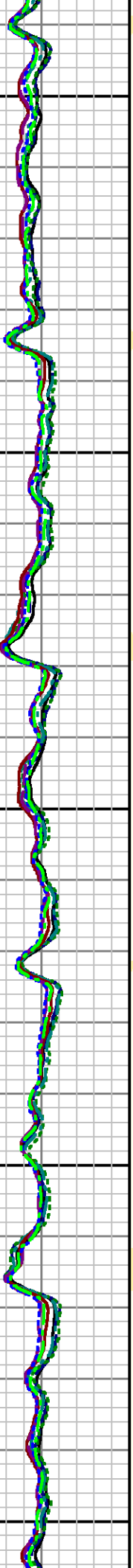
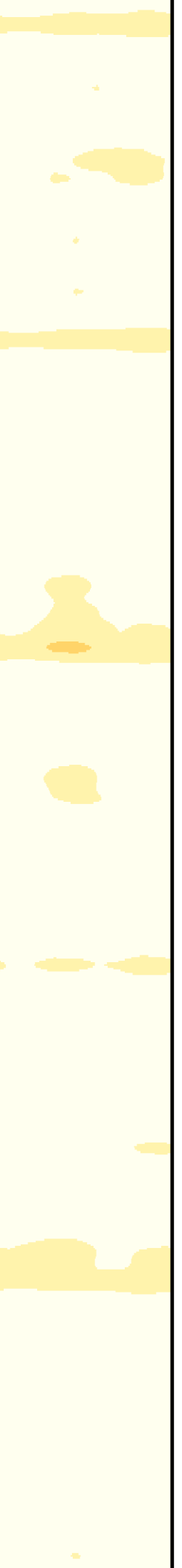




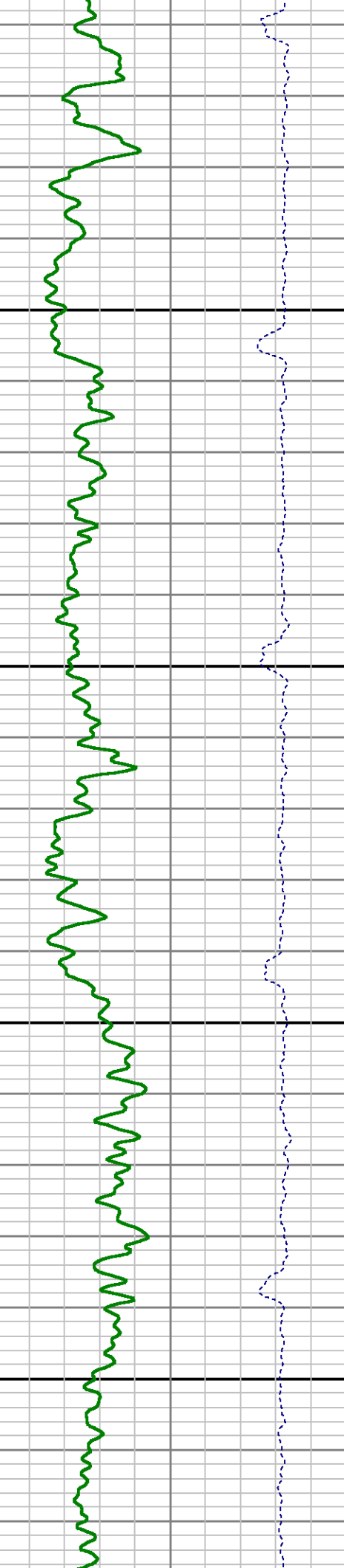
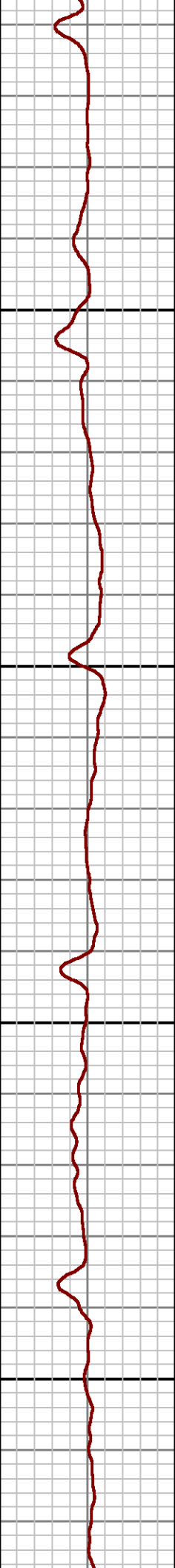
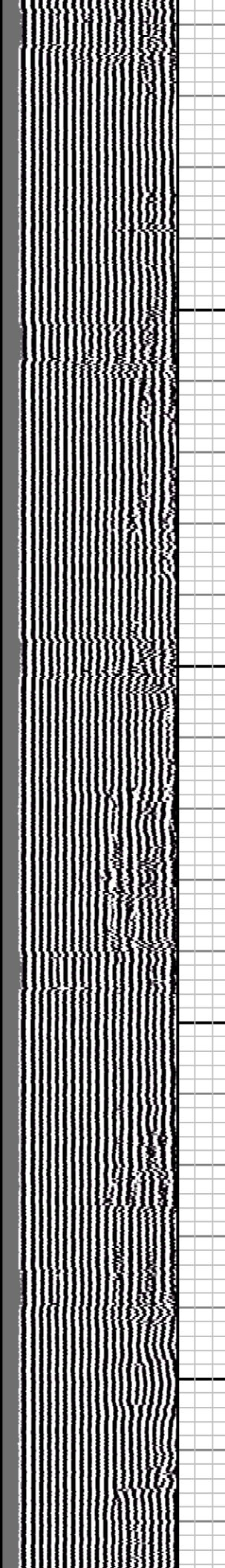
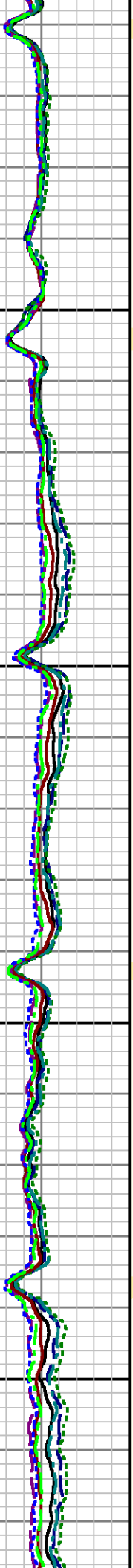
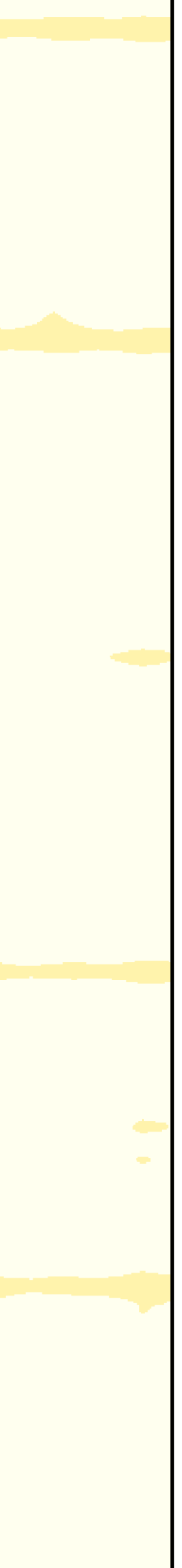


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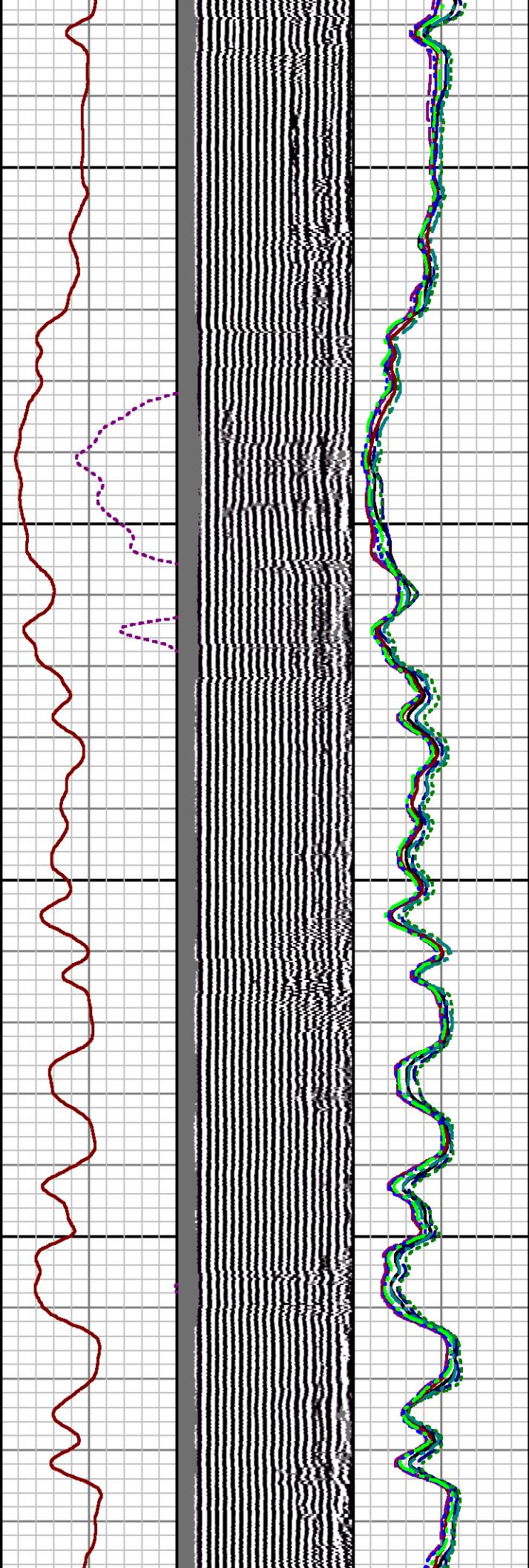
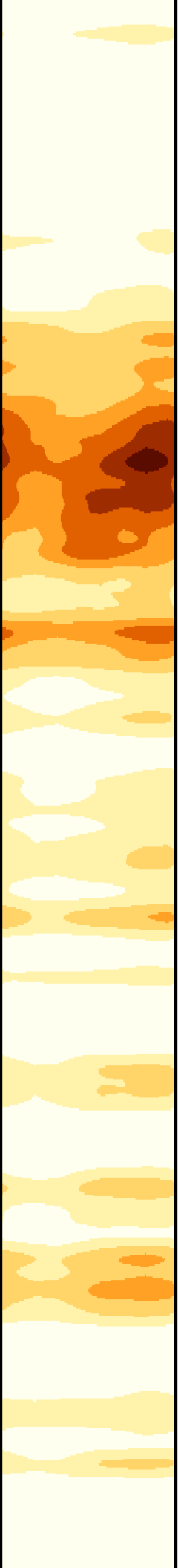






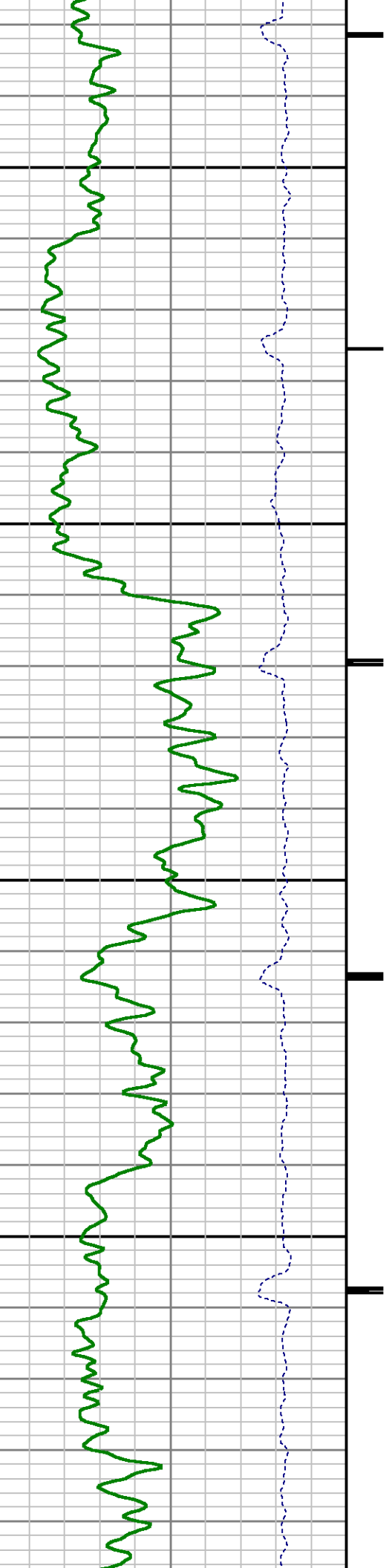
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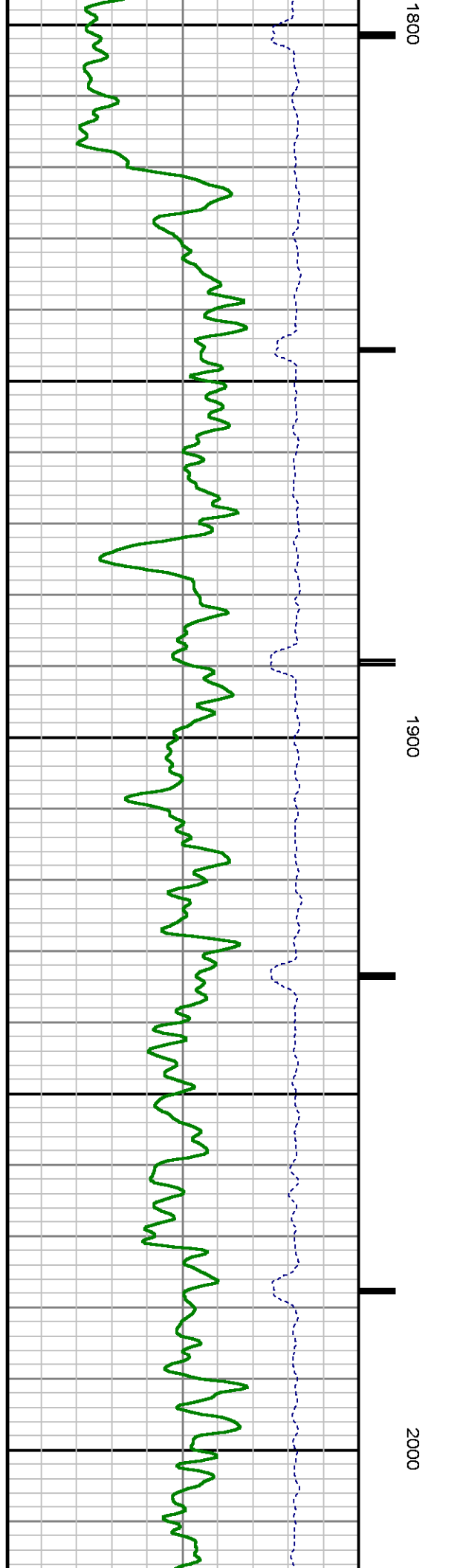
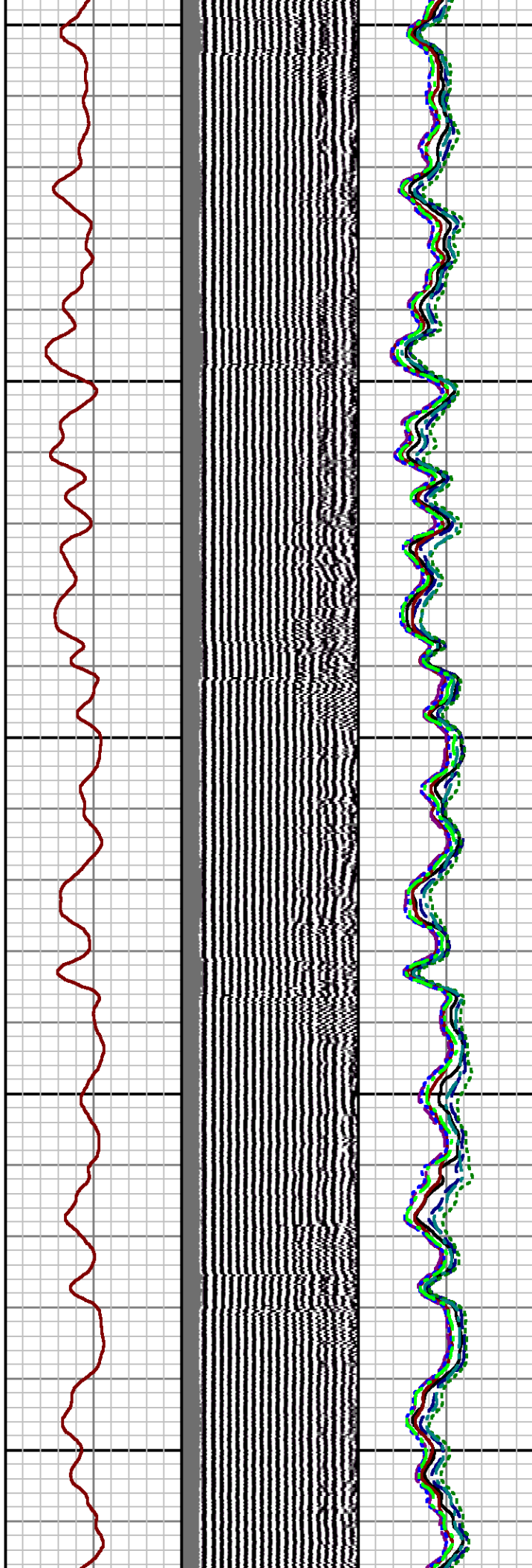
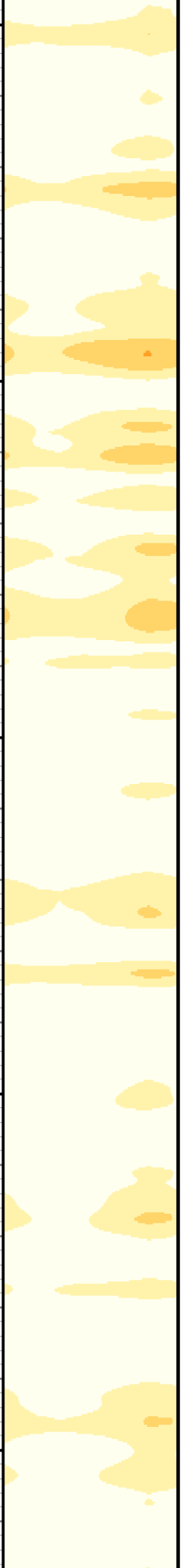
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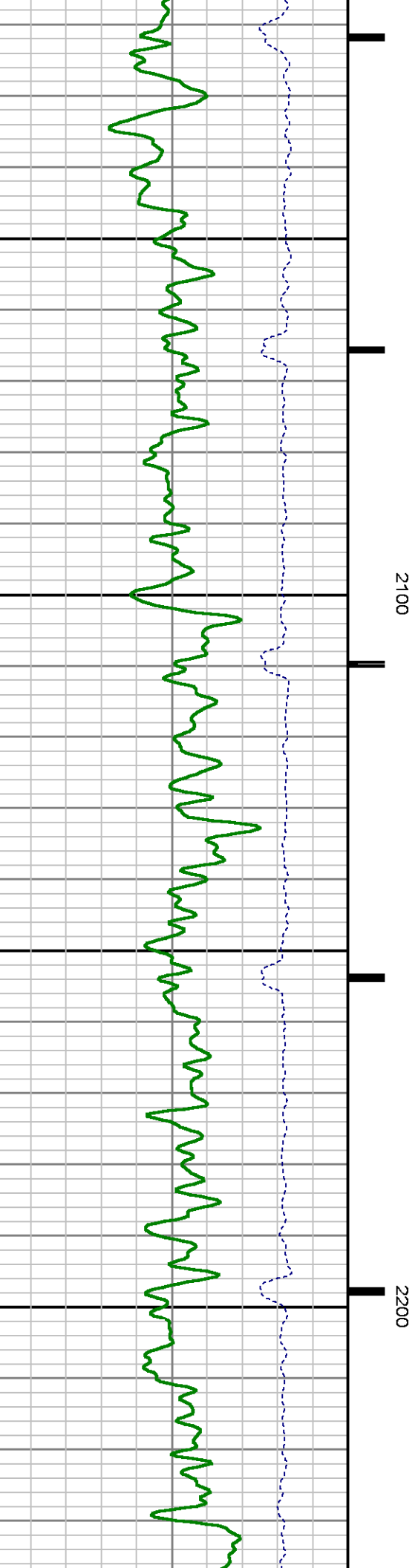
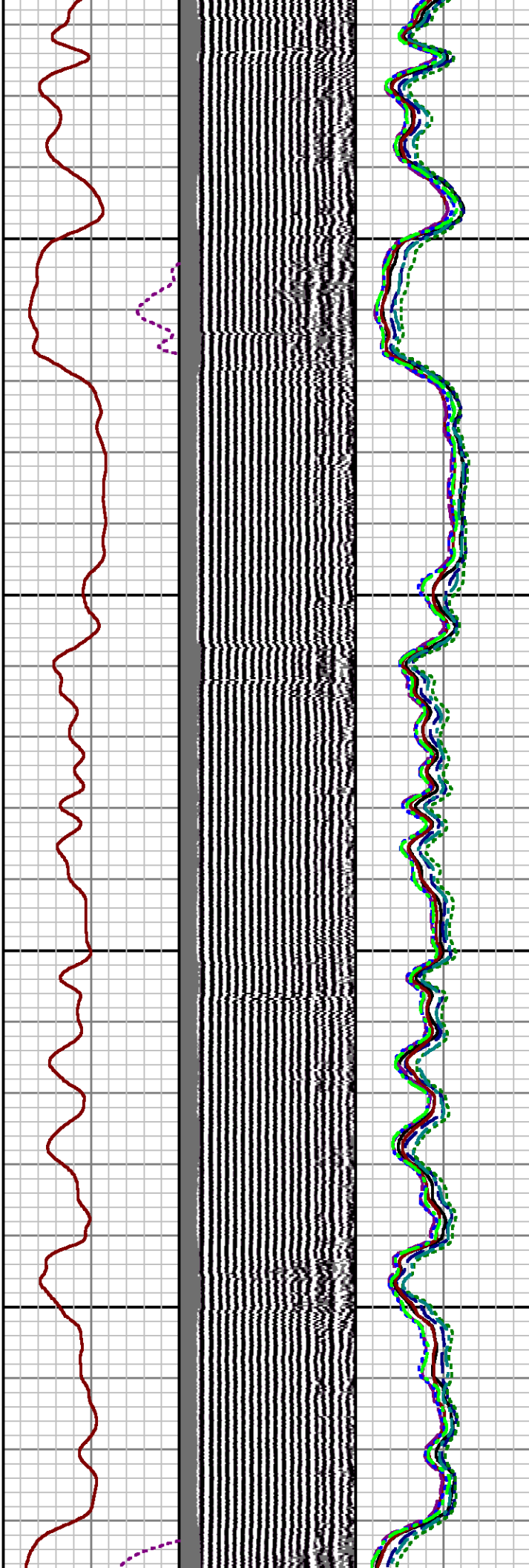
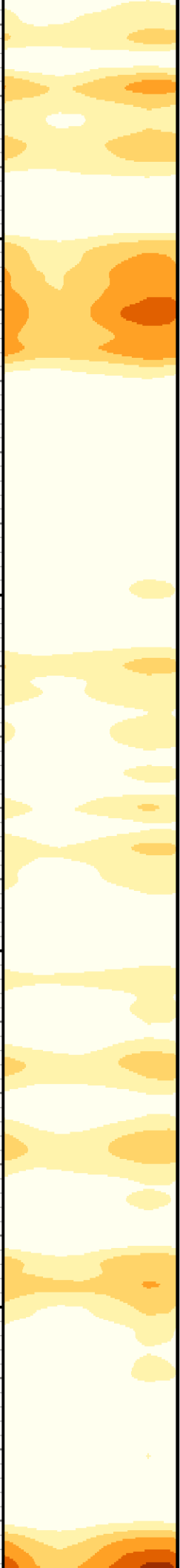


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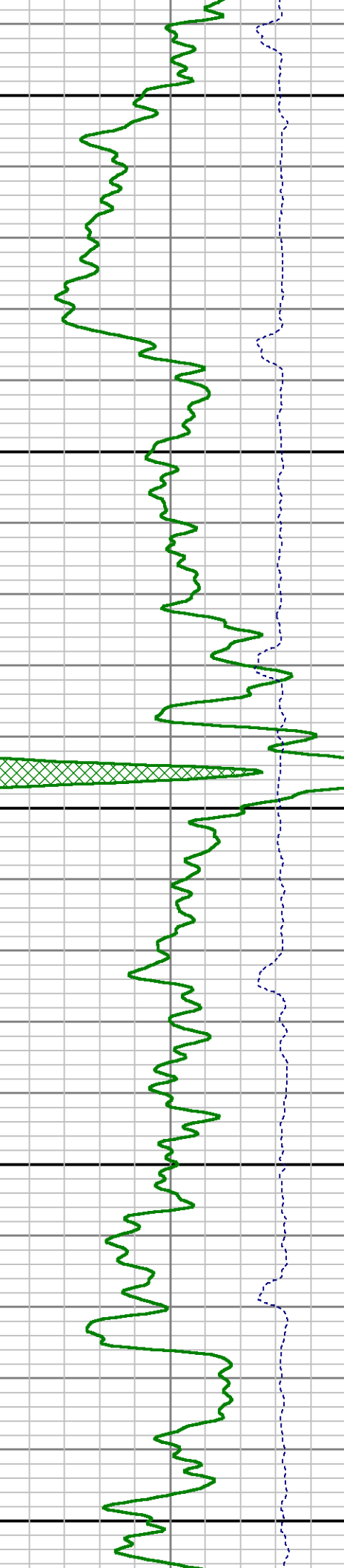
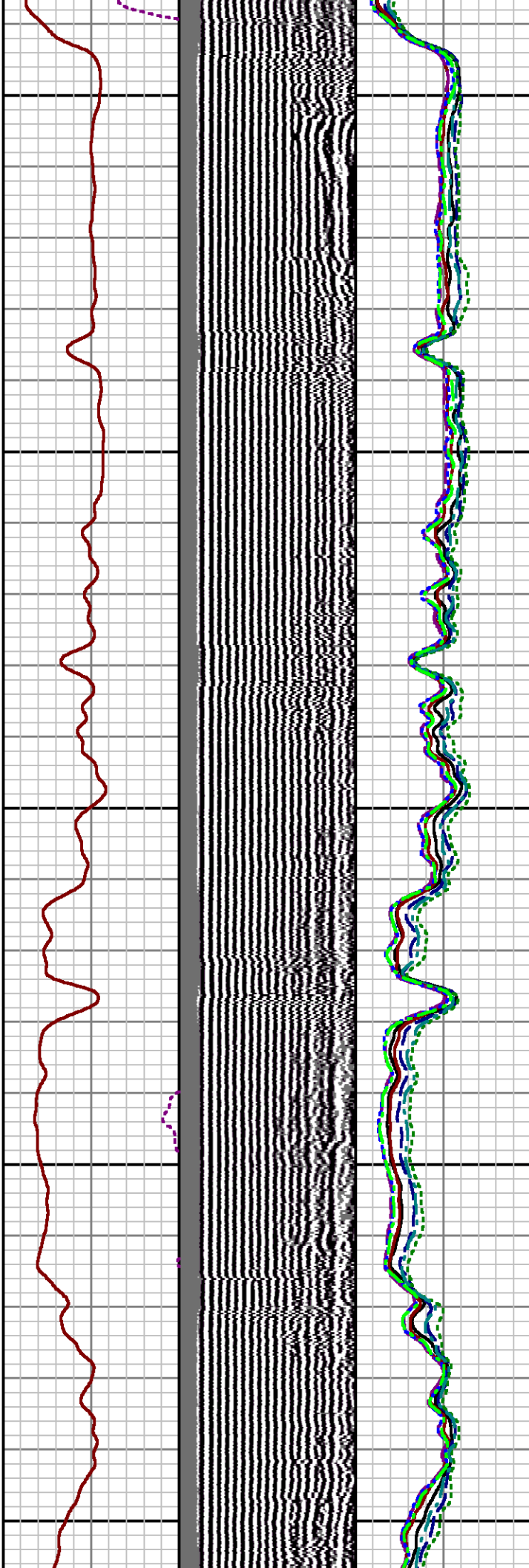
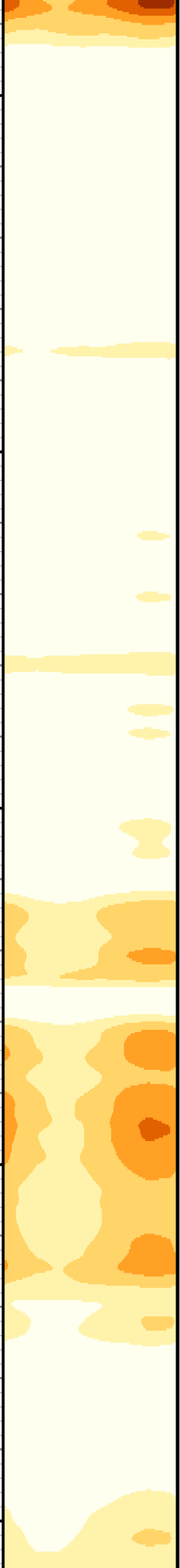
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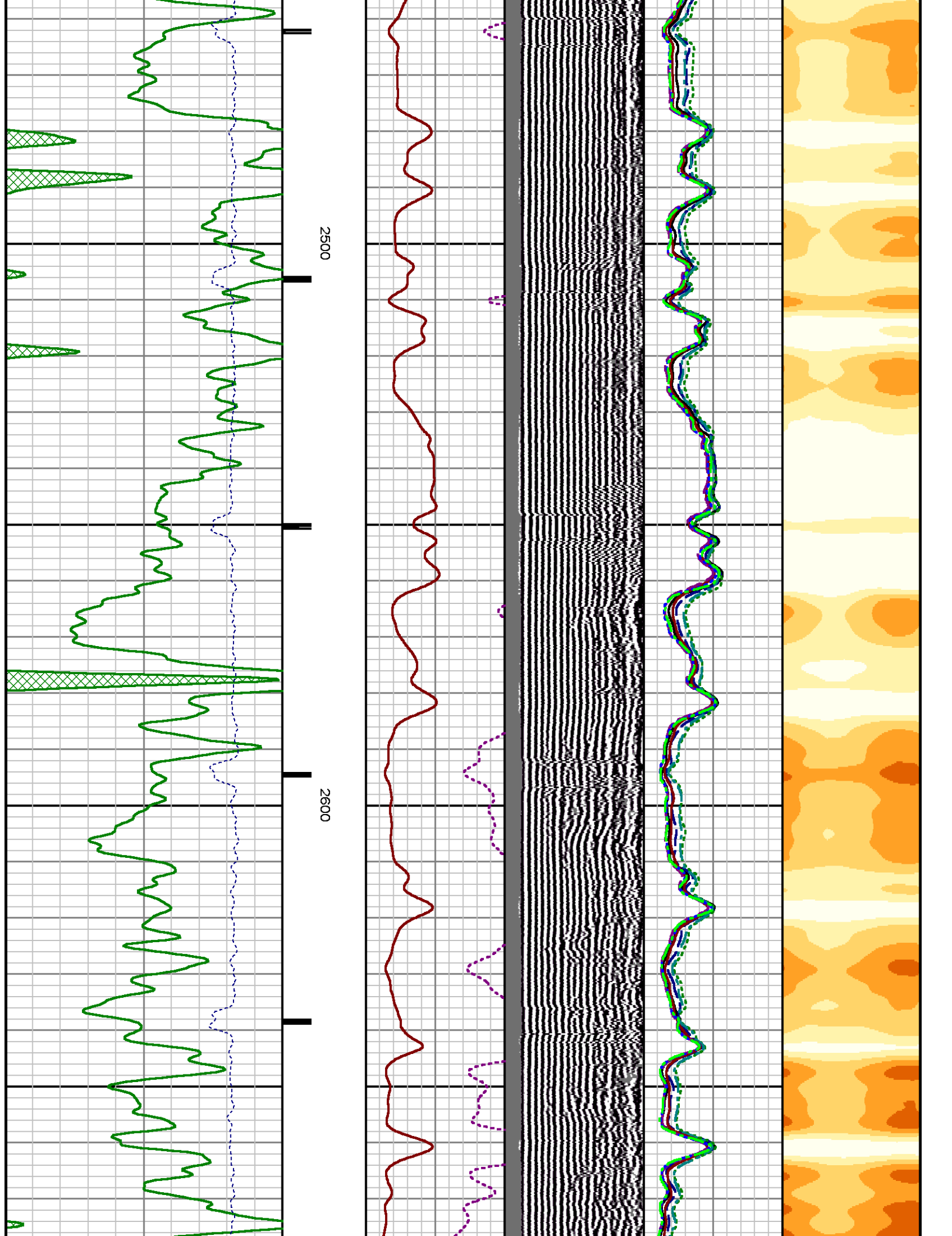


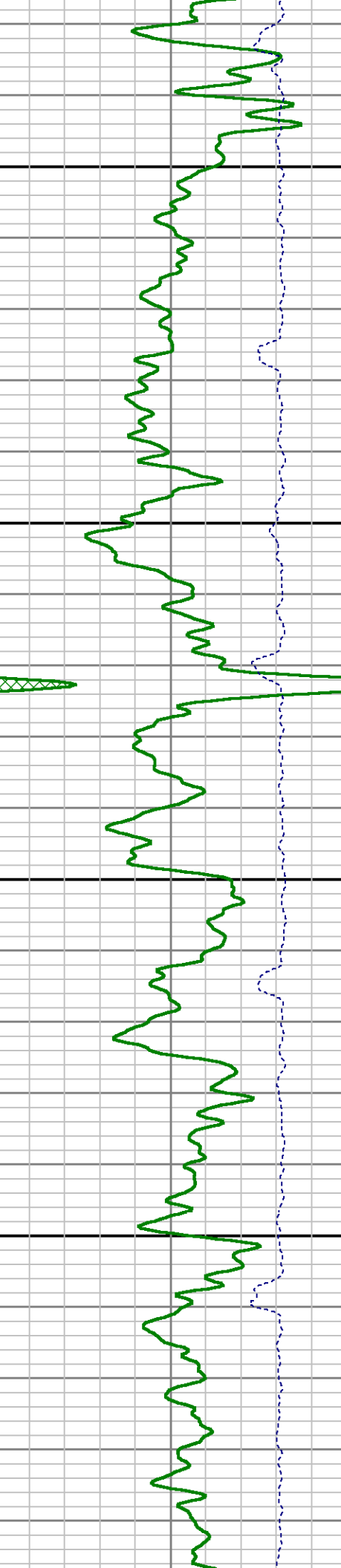
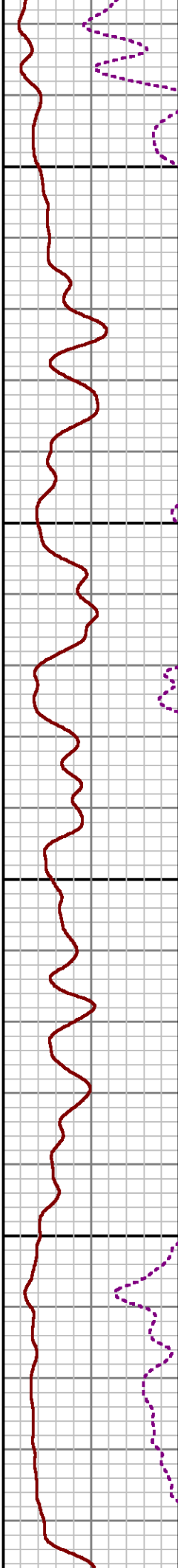
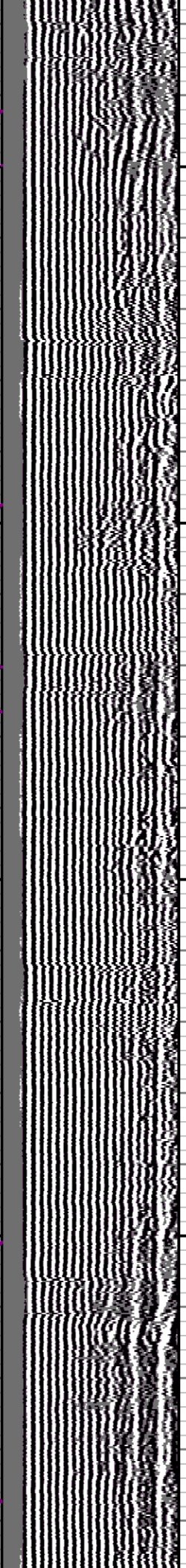
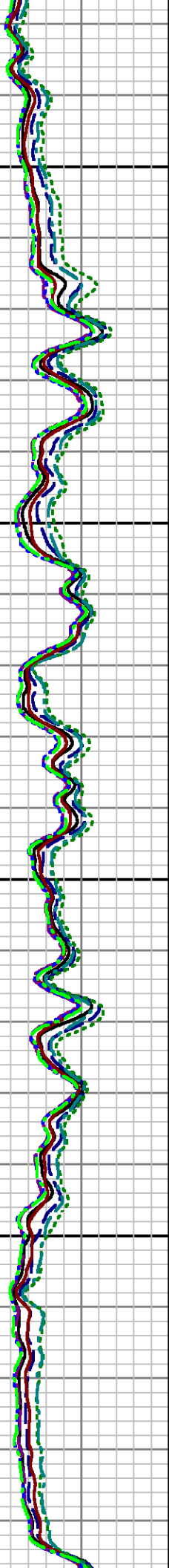
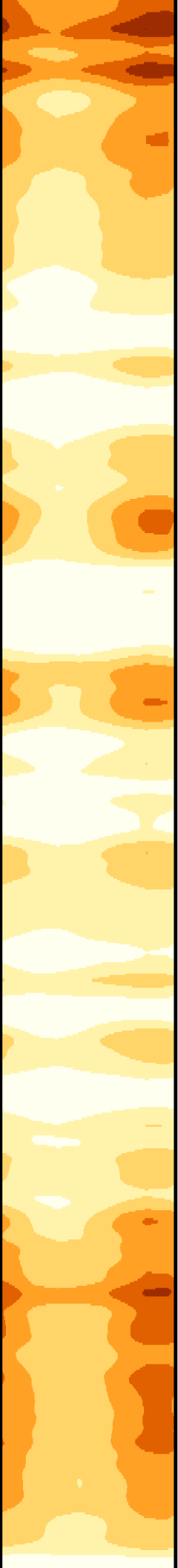


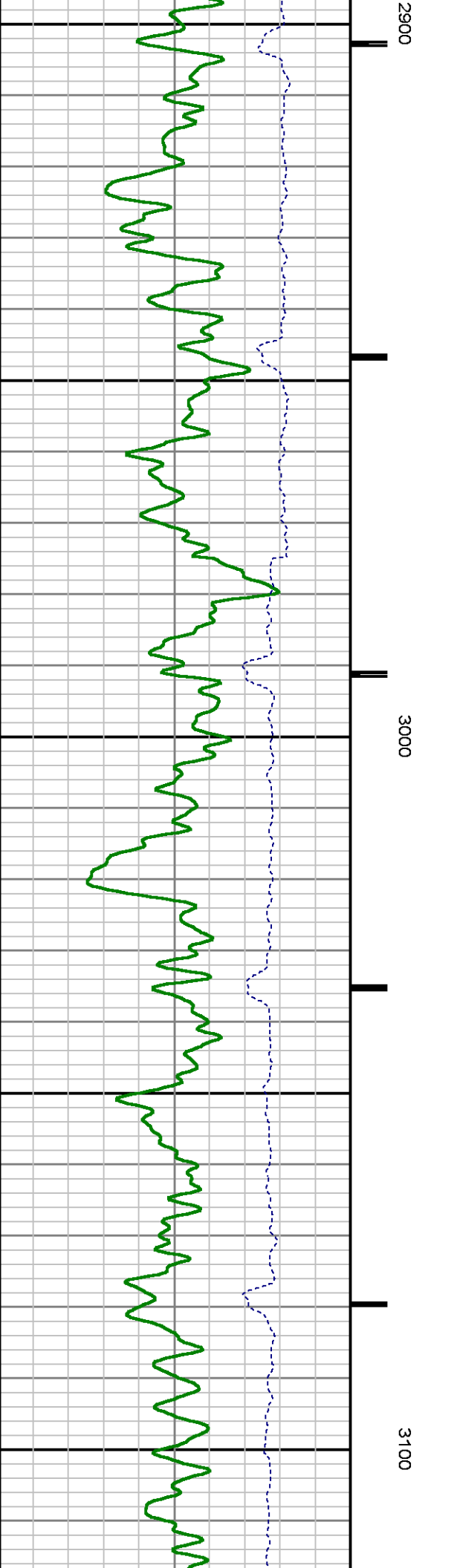
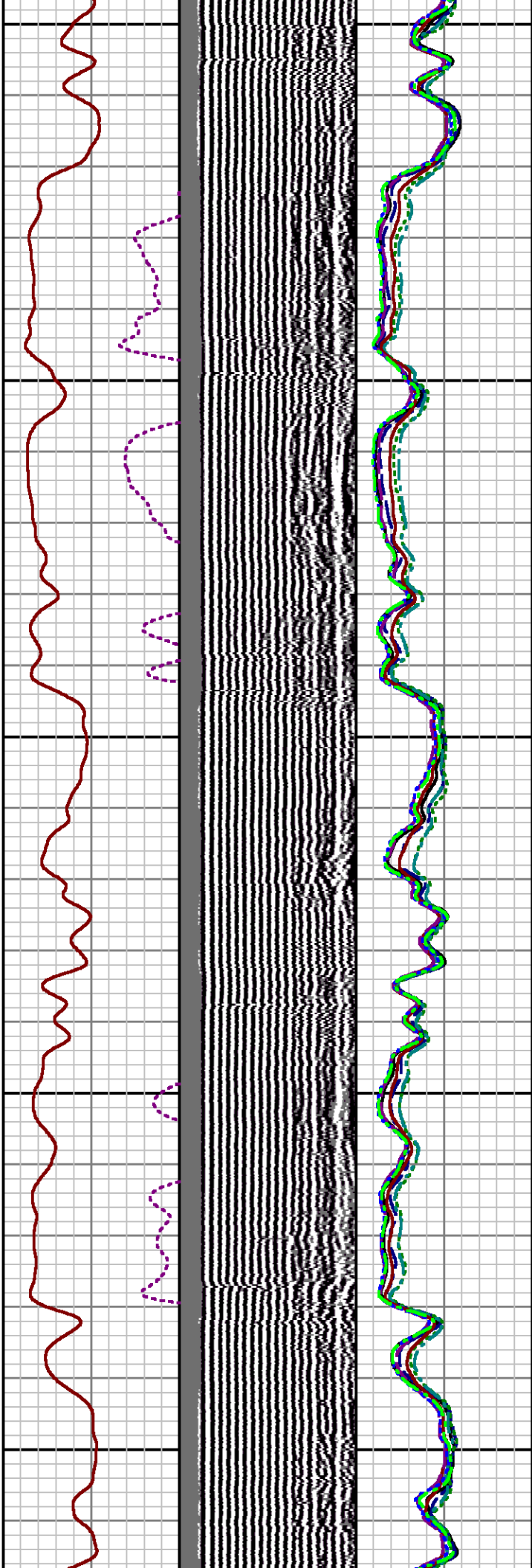
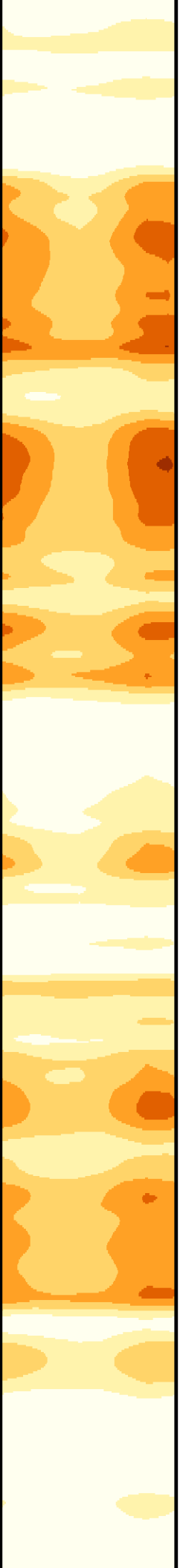


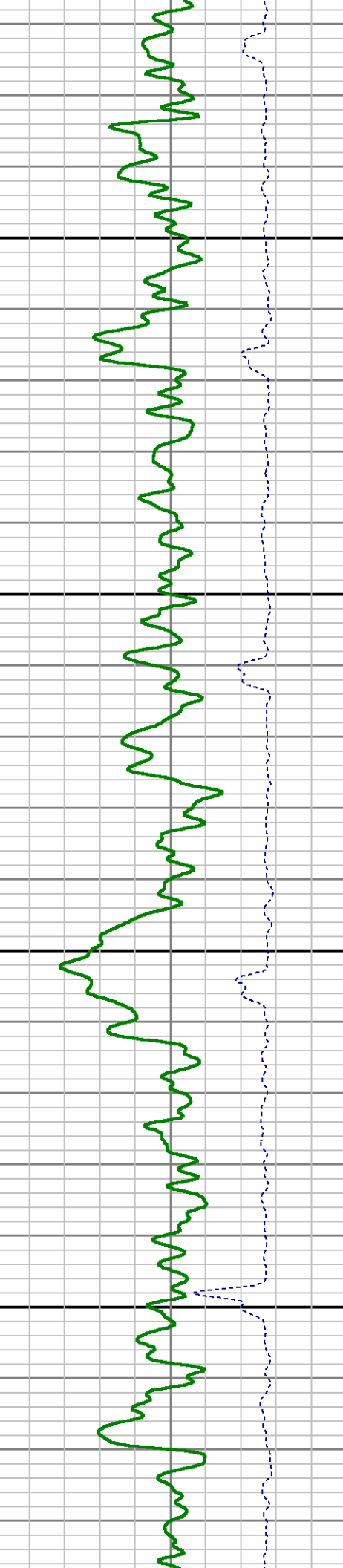
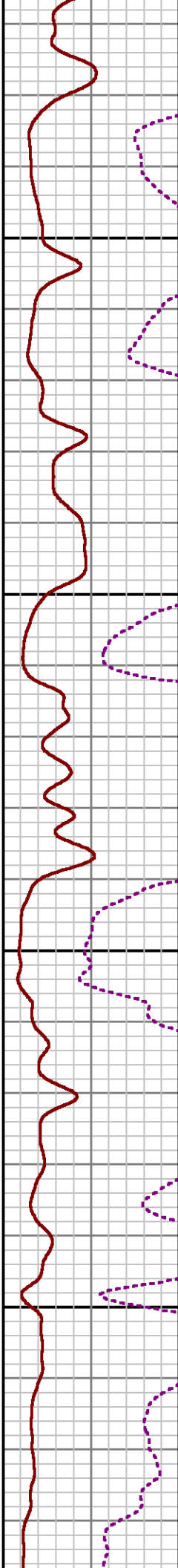
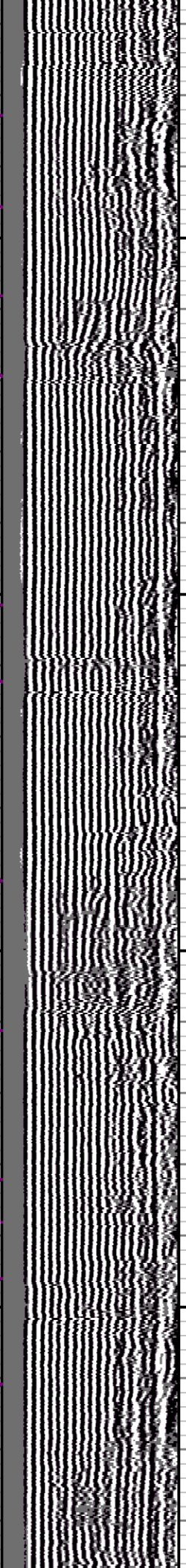
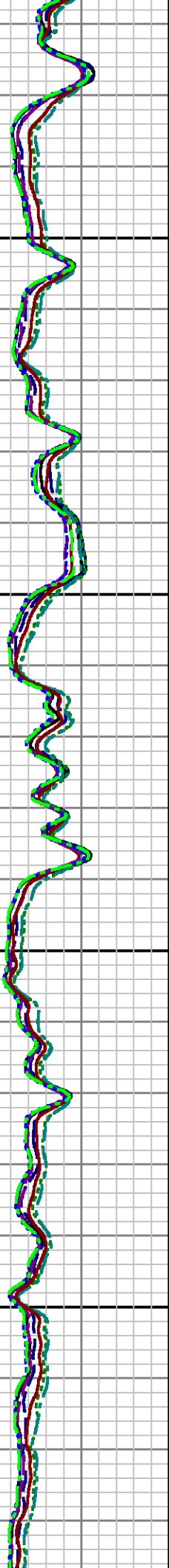
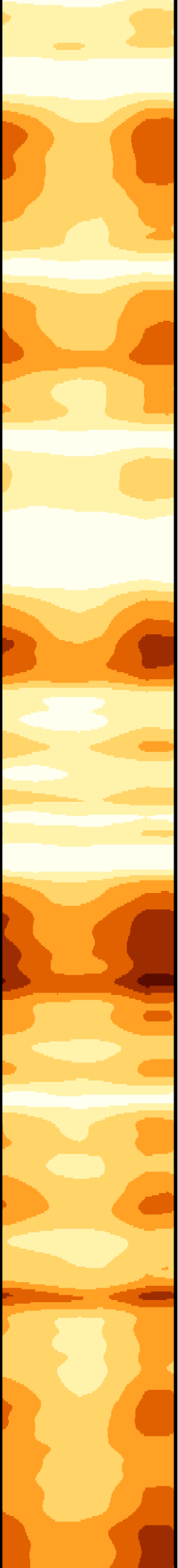




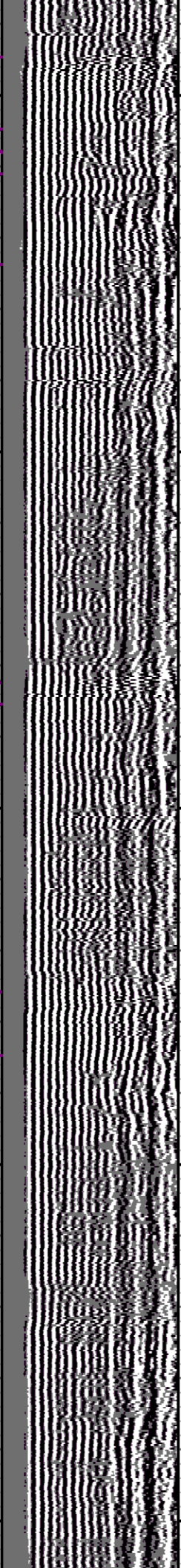
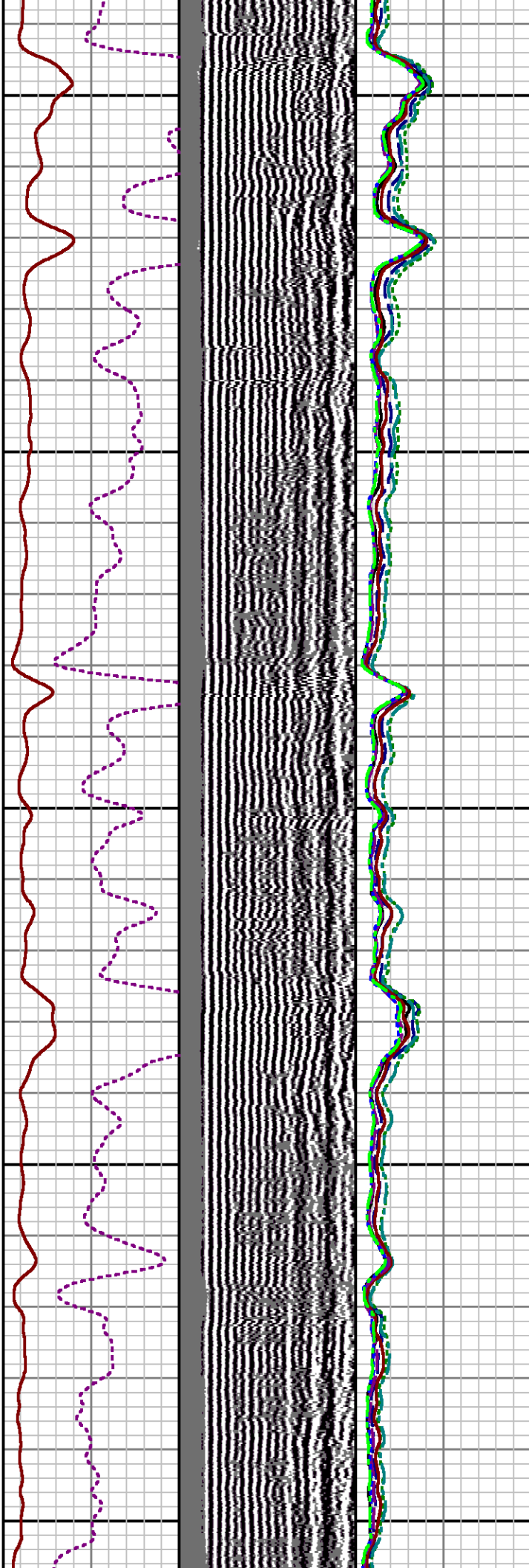
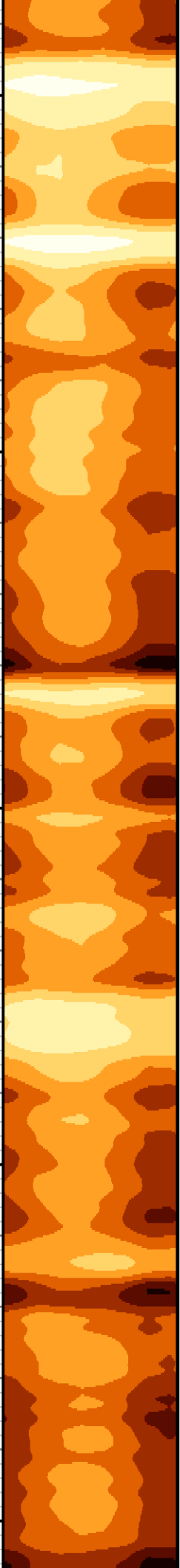






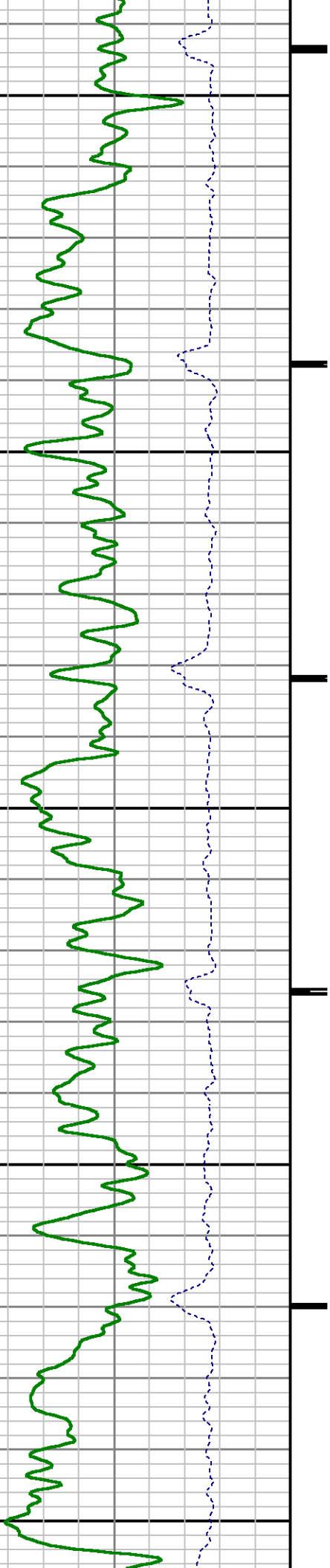




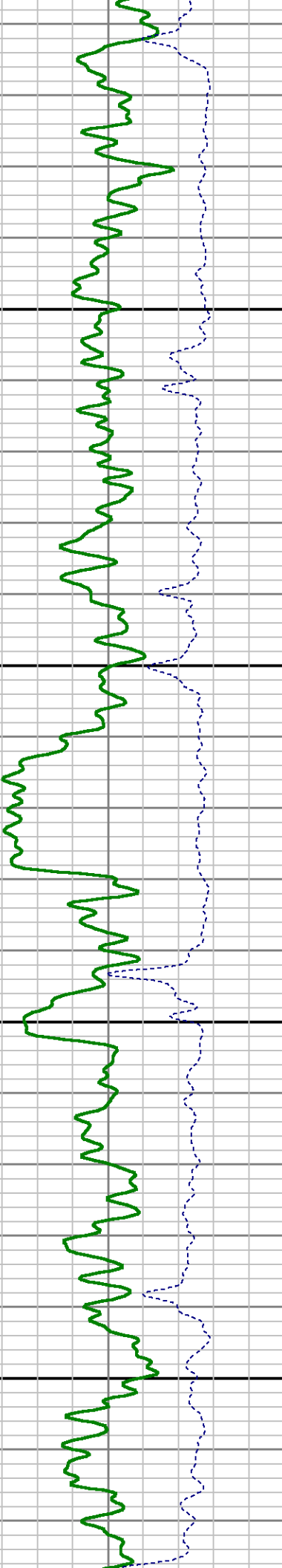
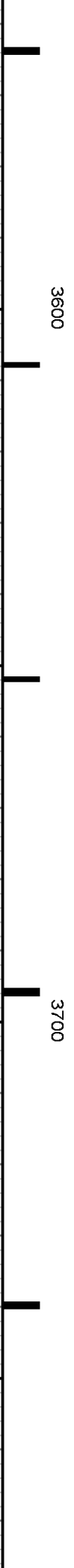
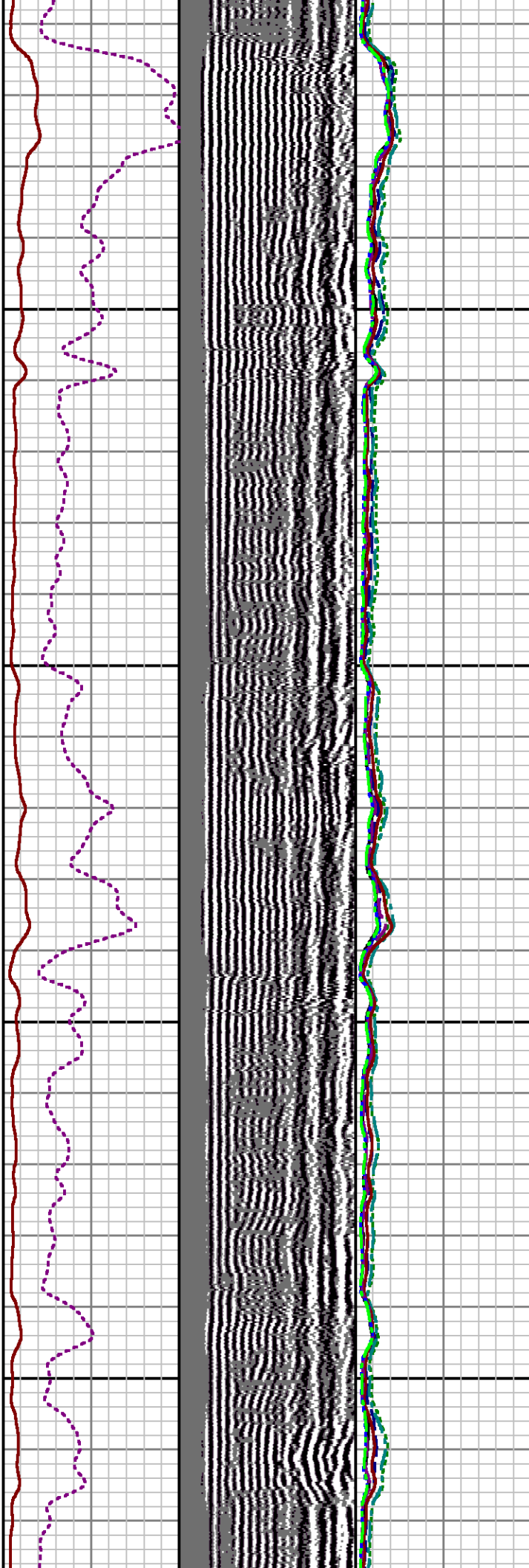


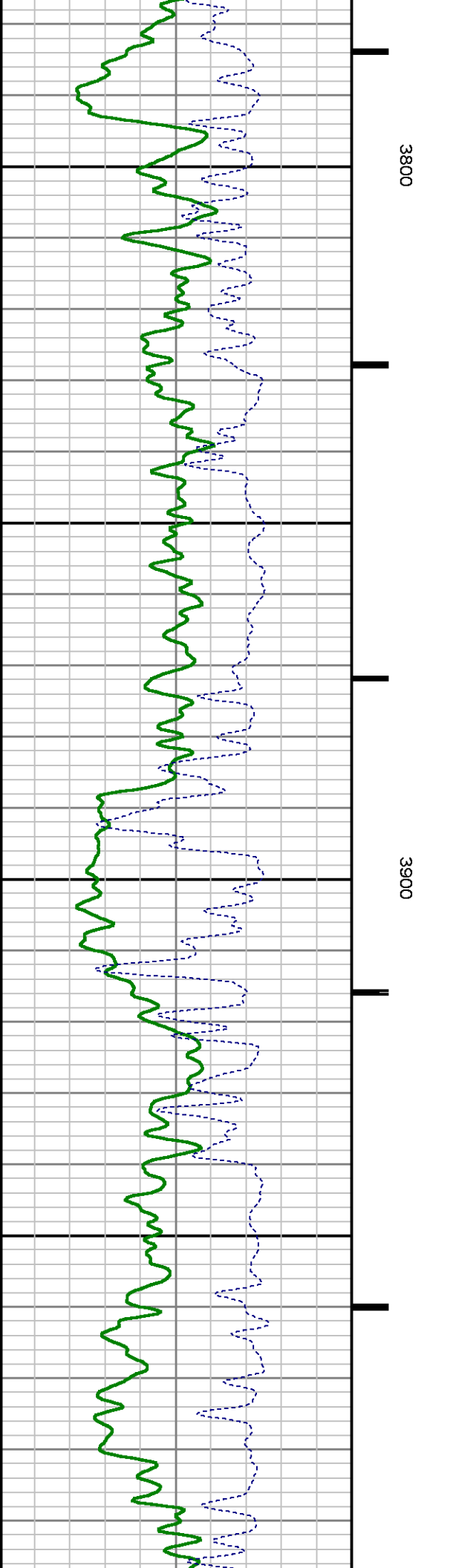
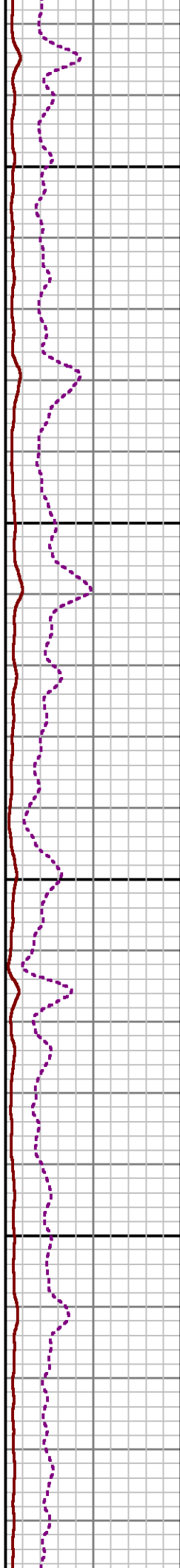
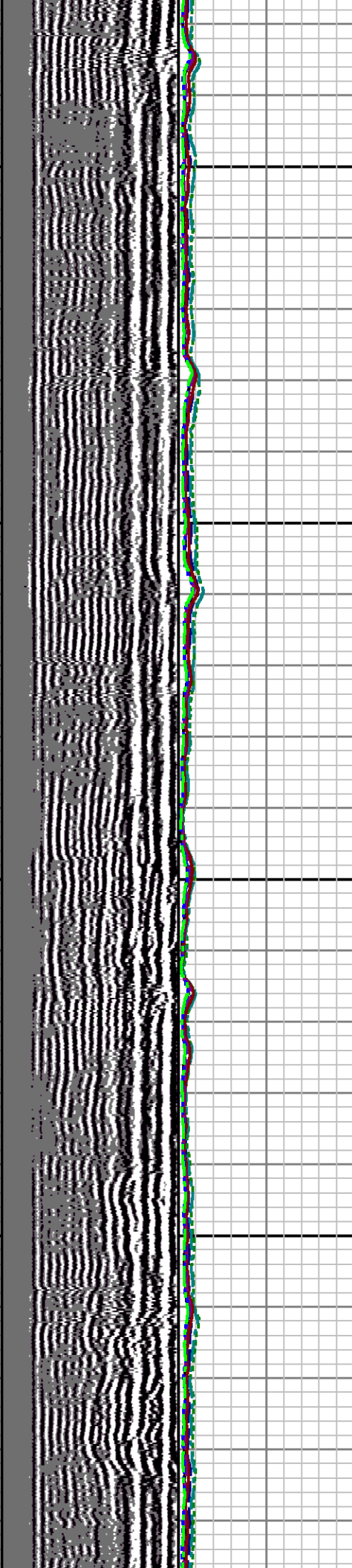
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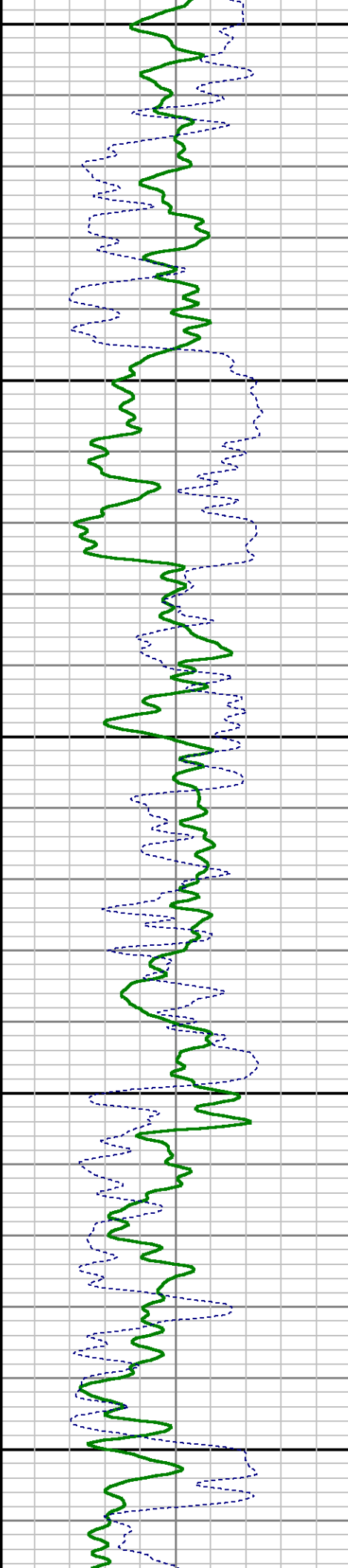
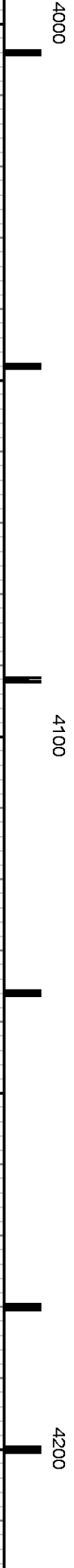
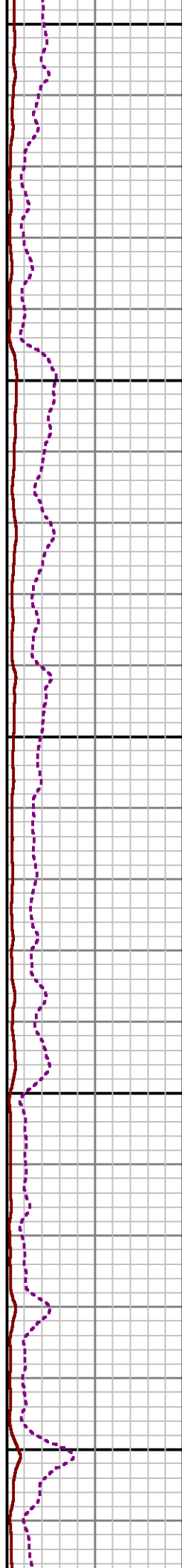
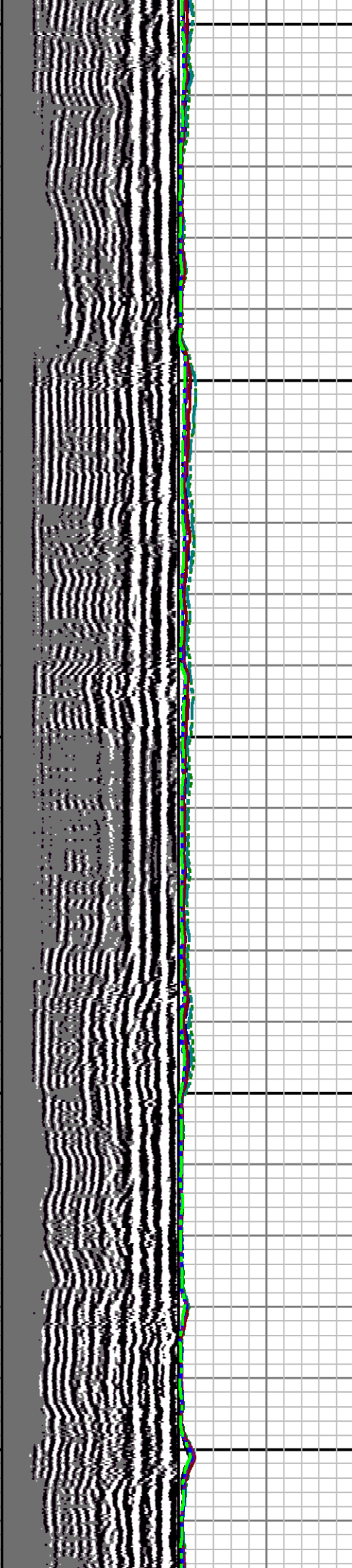
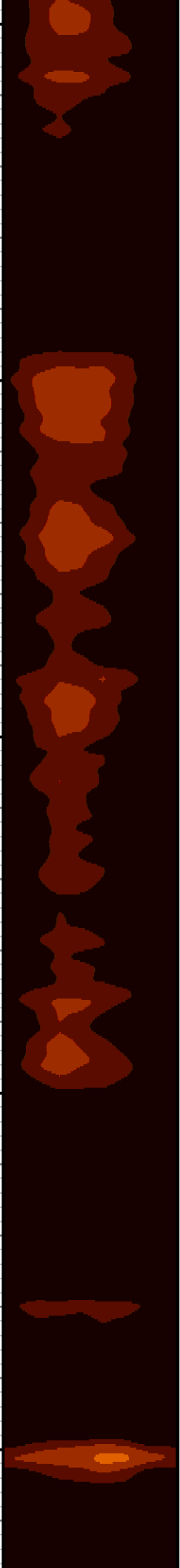
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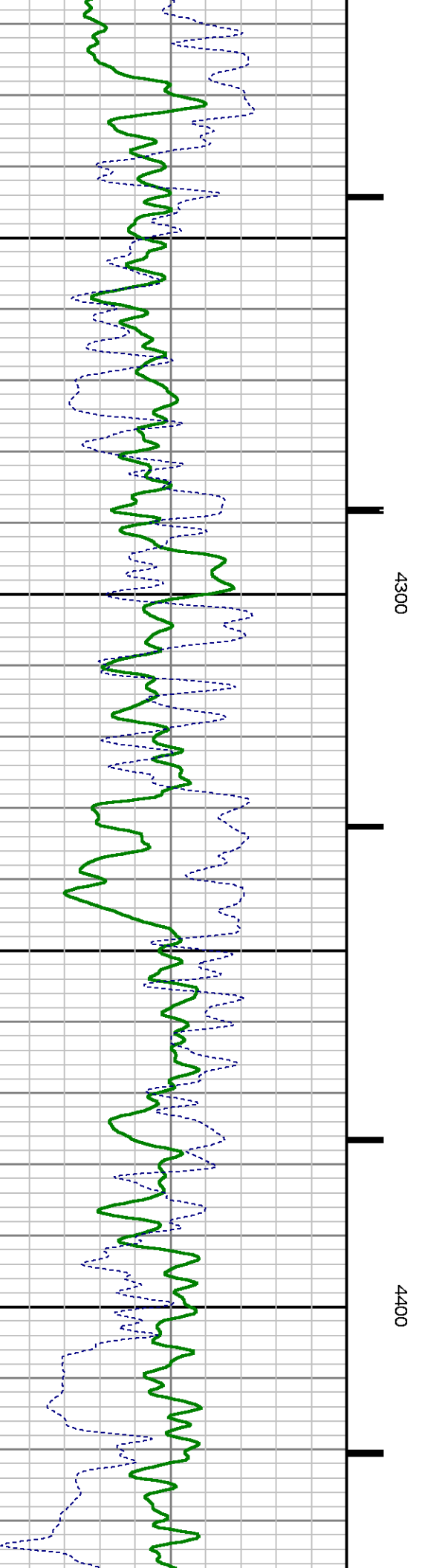
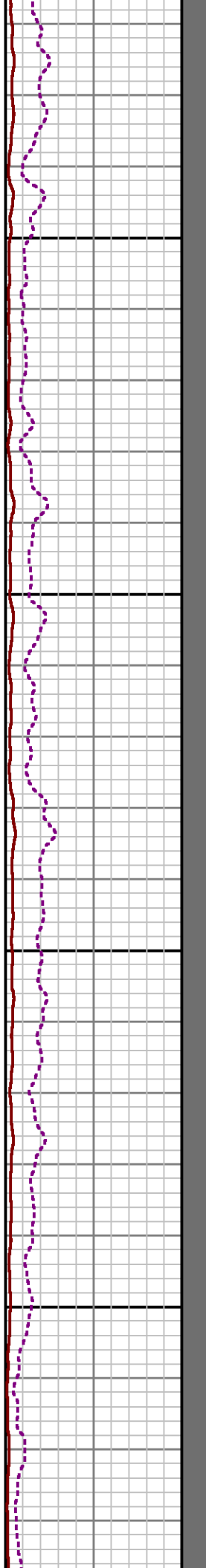
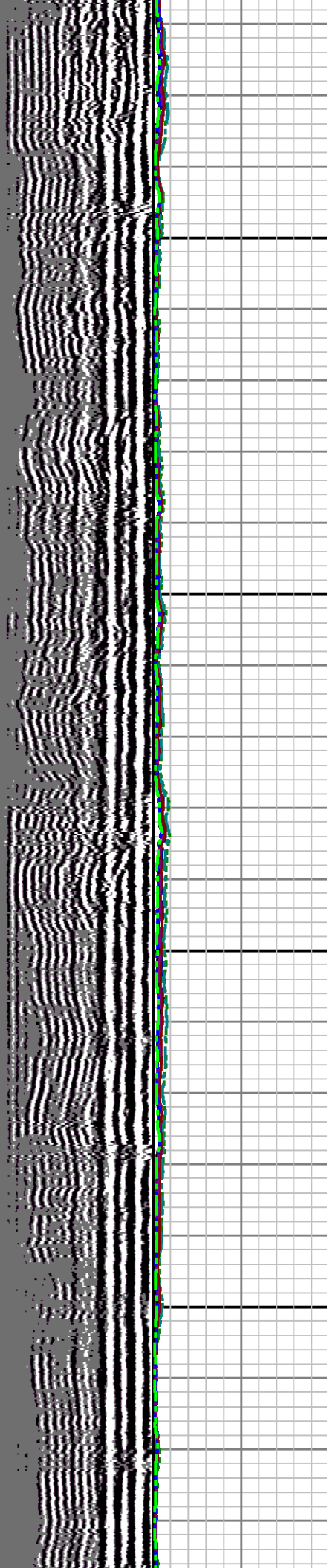




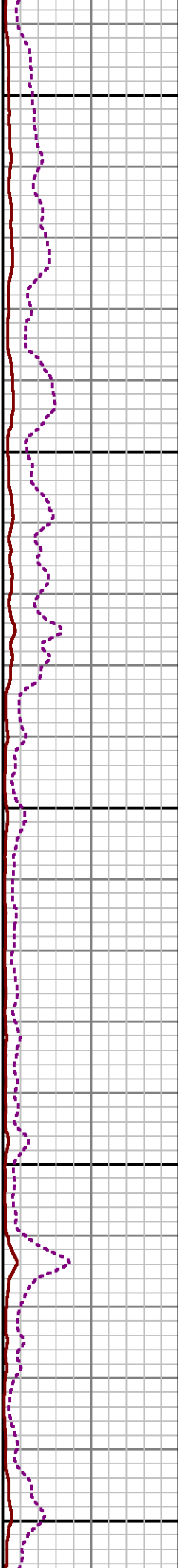
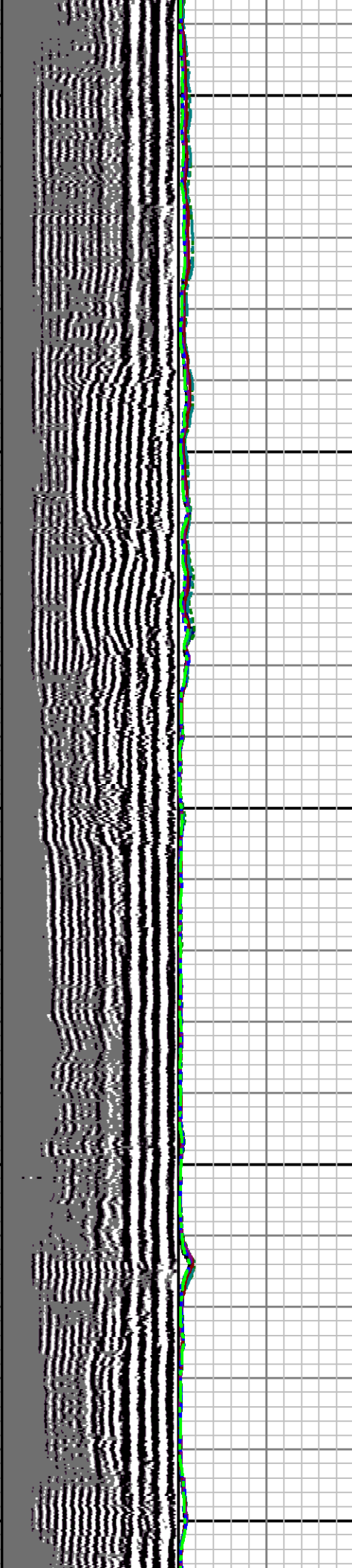






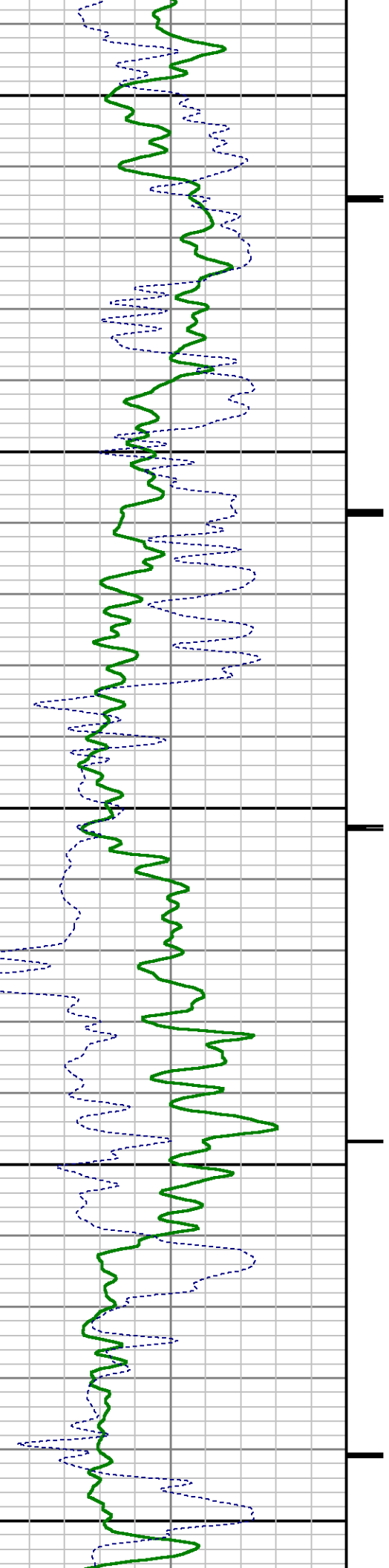




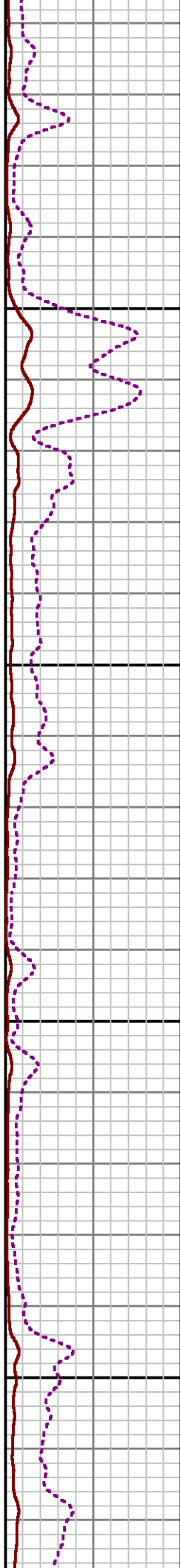
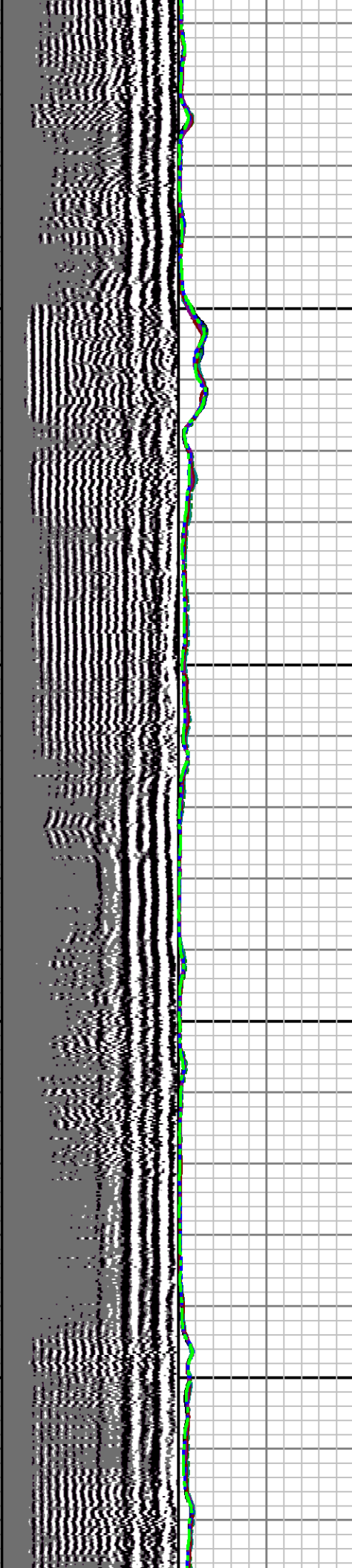


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4600

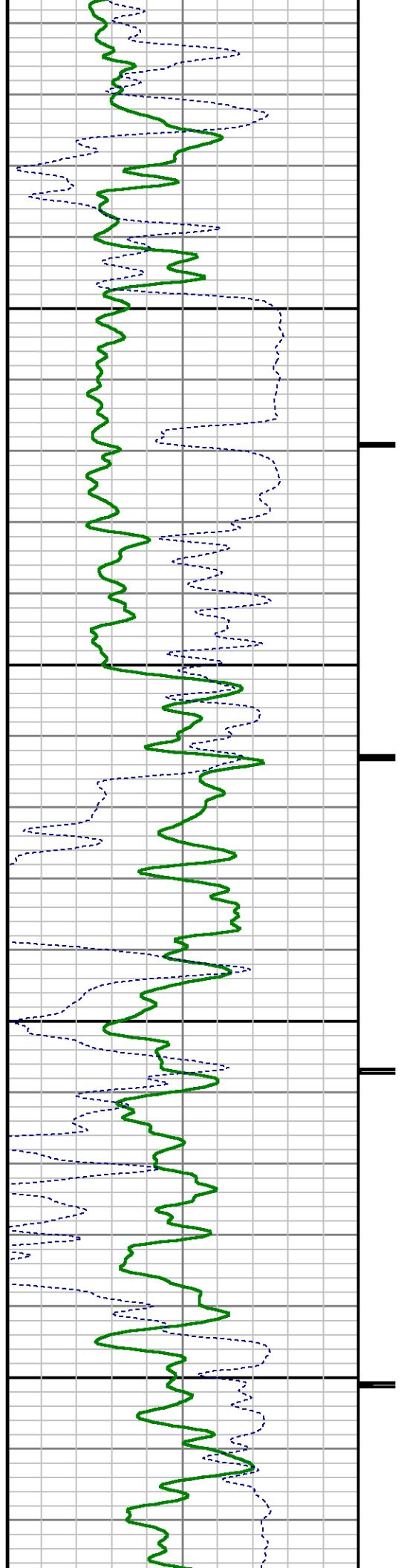


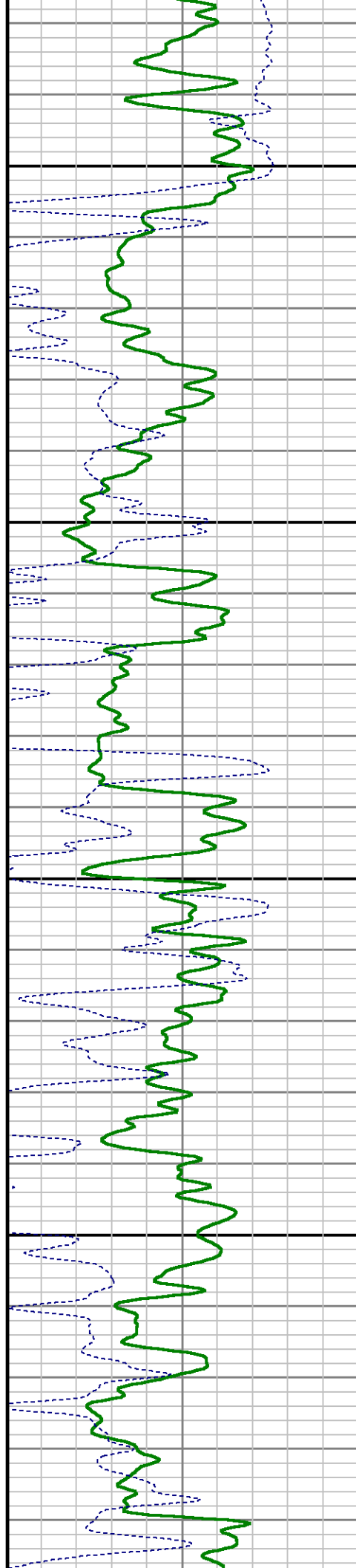
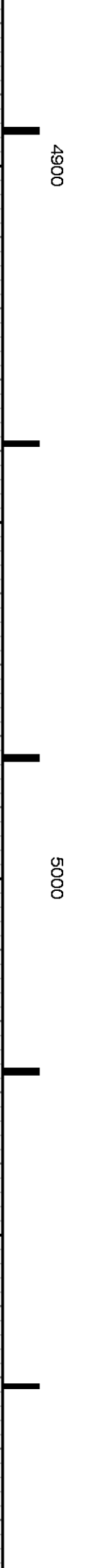
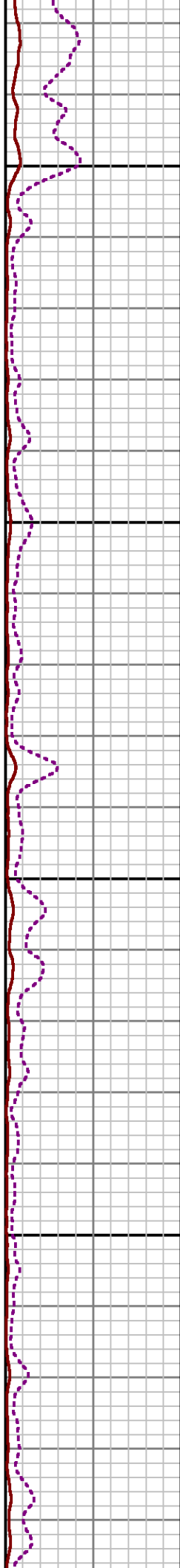
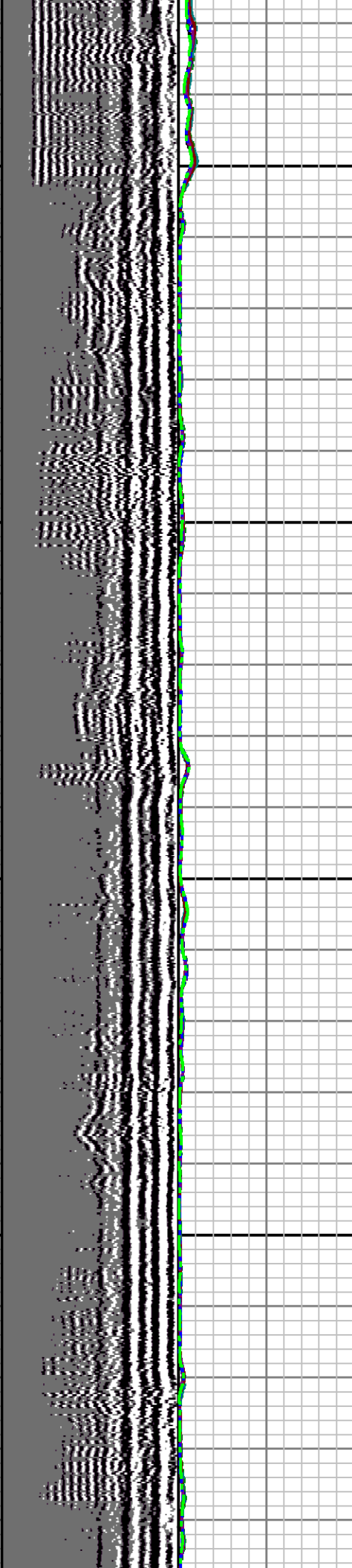
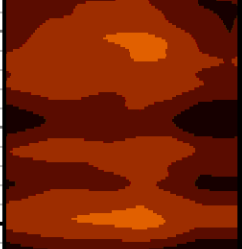


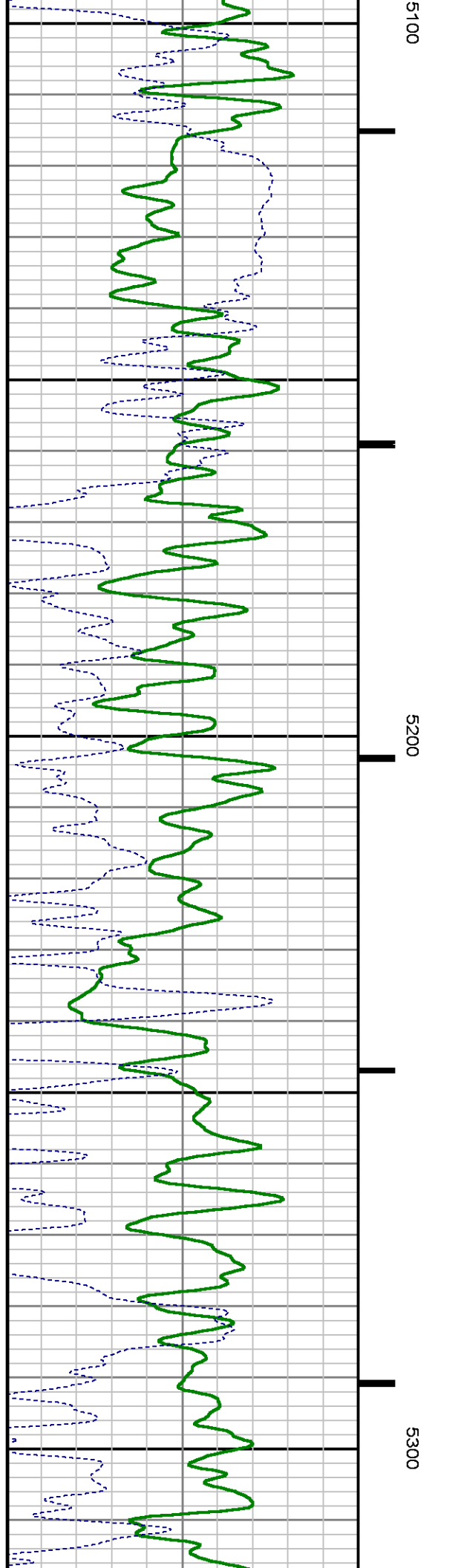
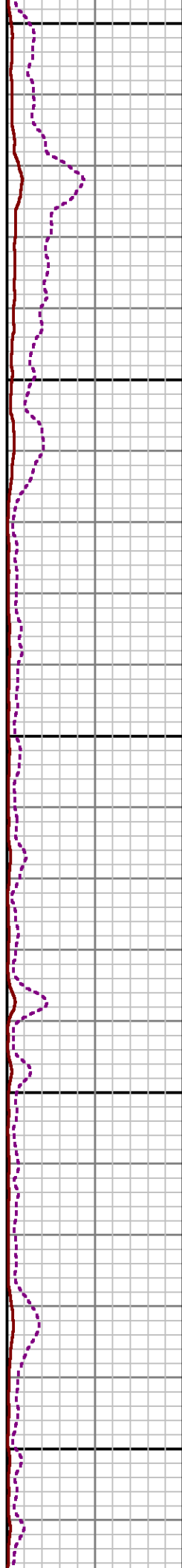
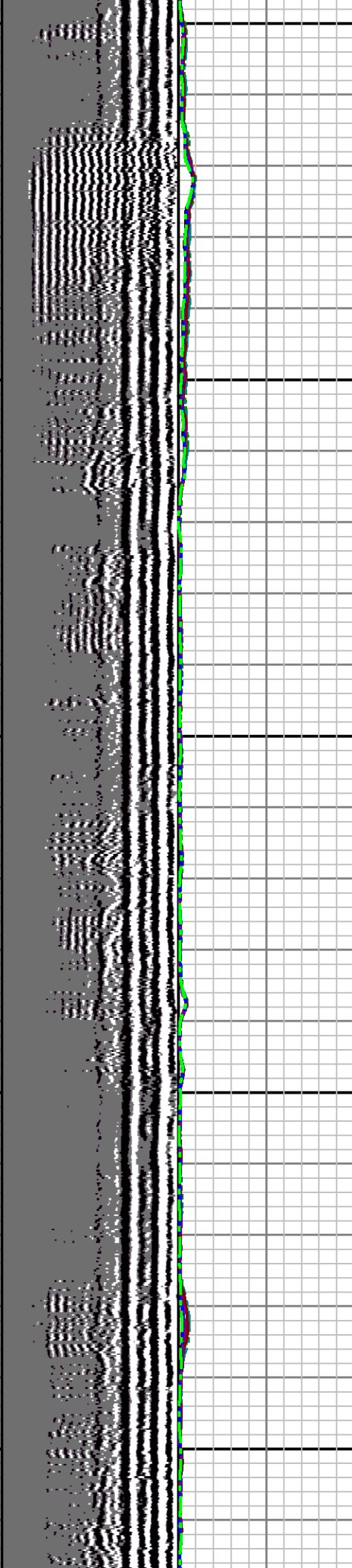


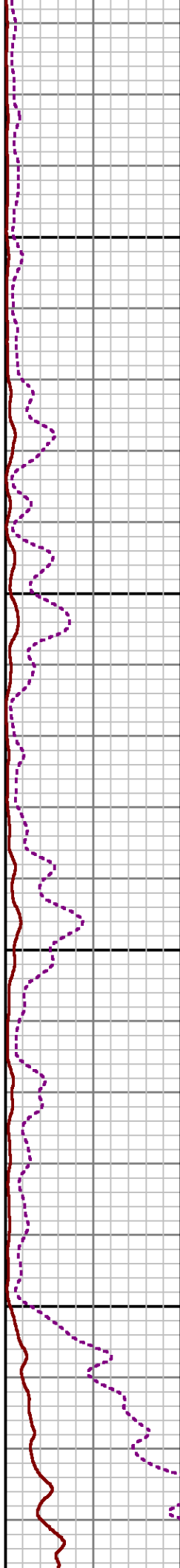
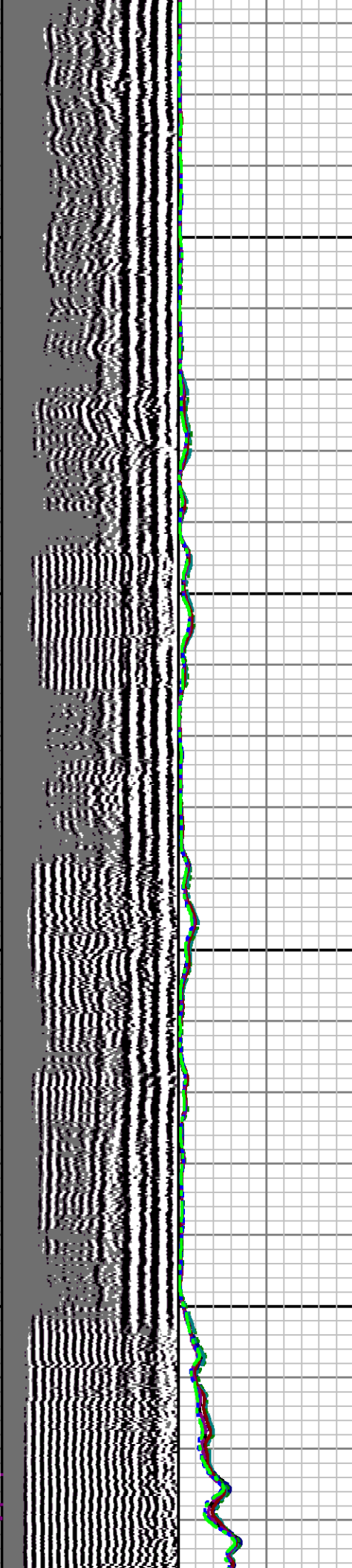
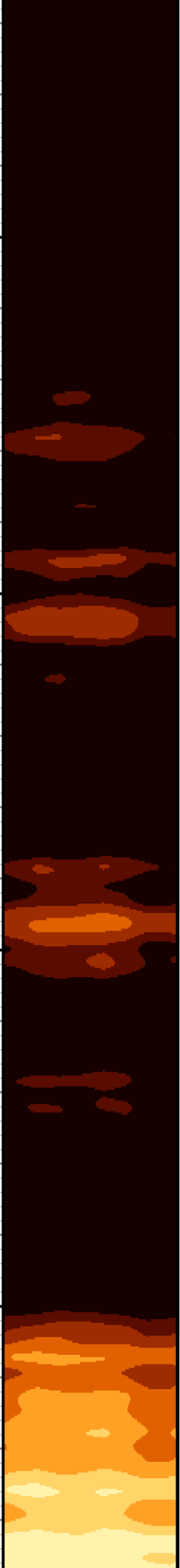
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4800



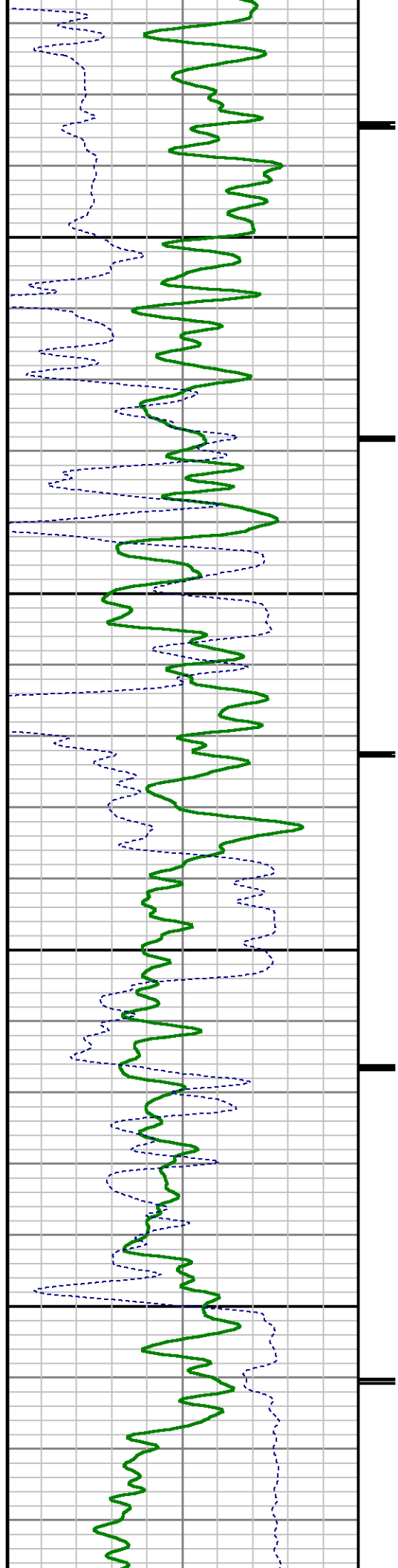


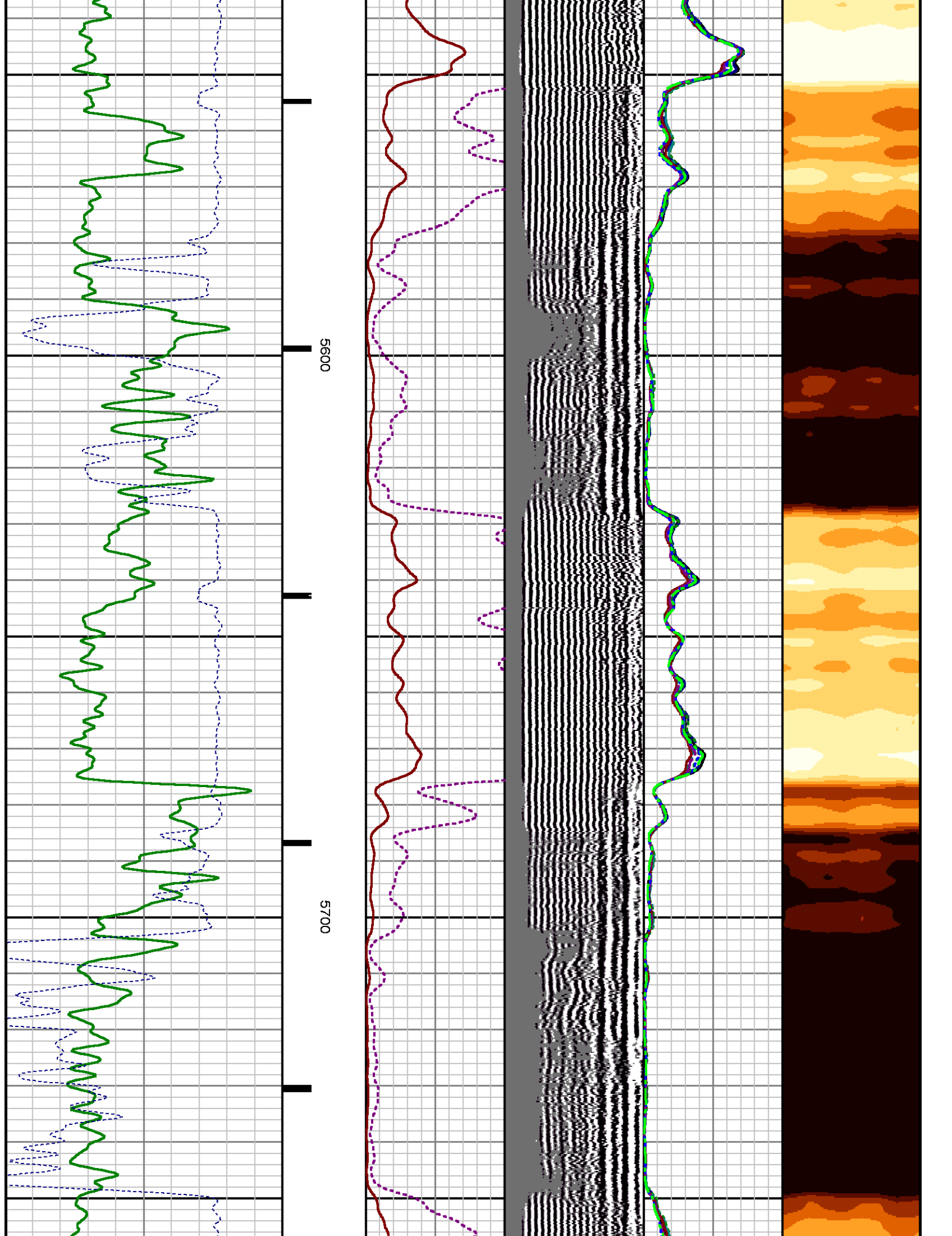




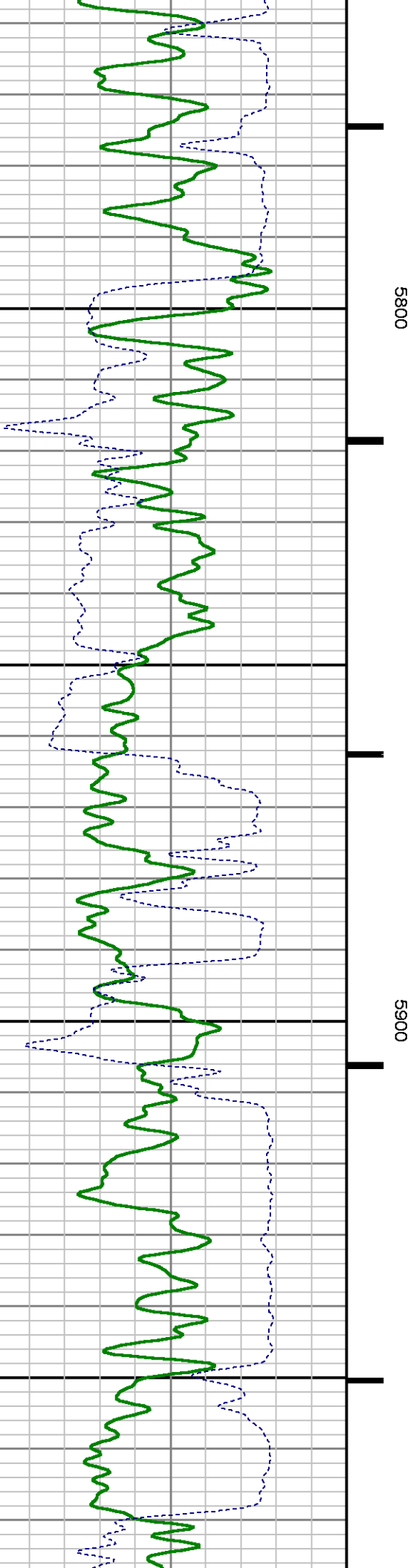
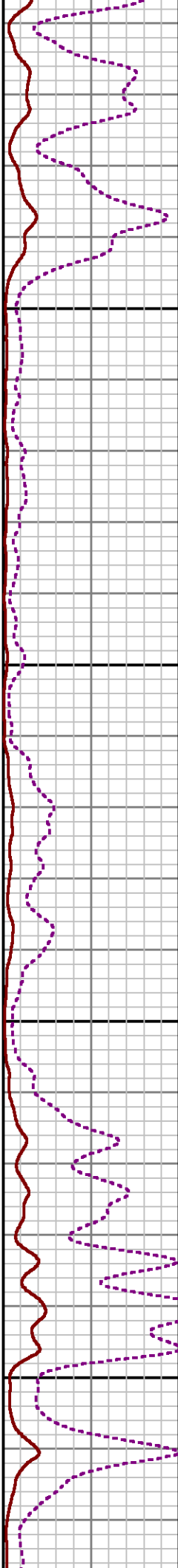
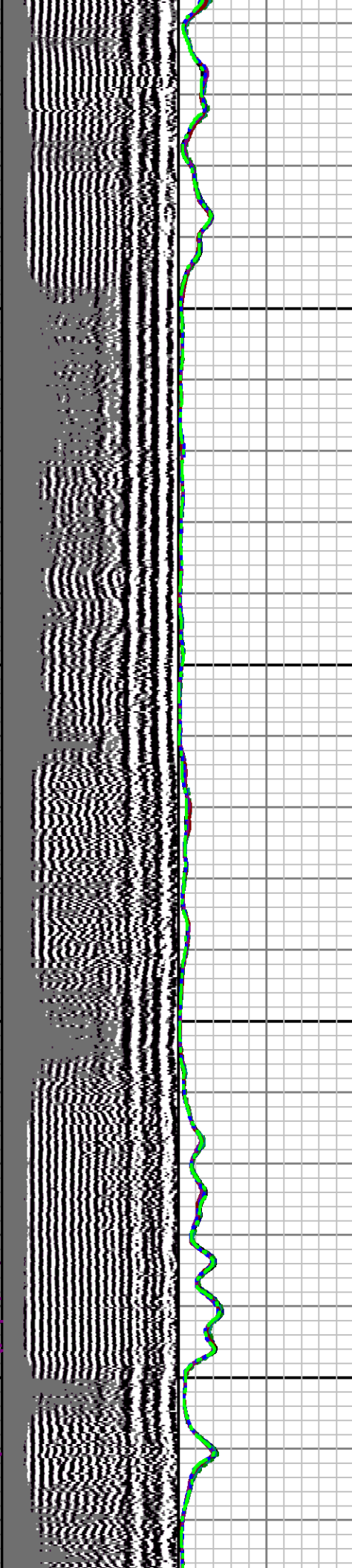
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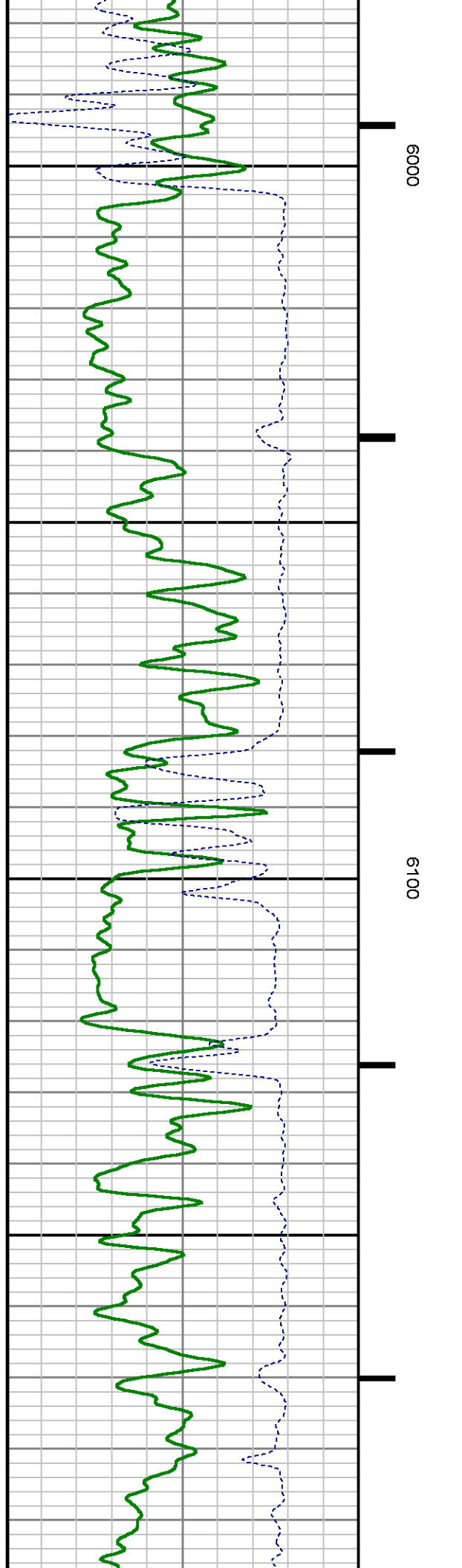
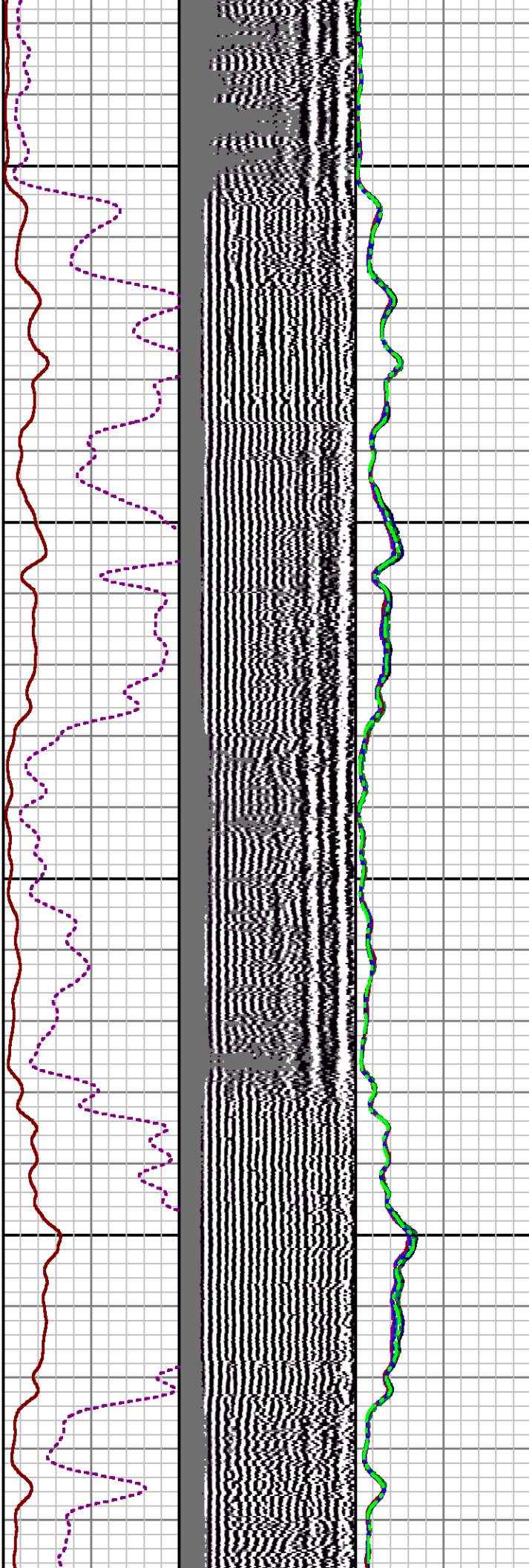
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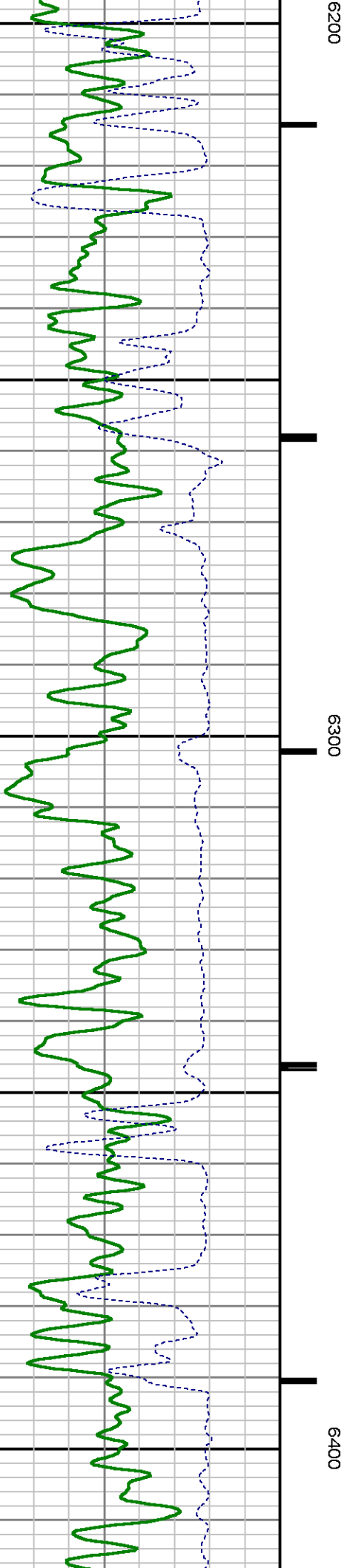
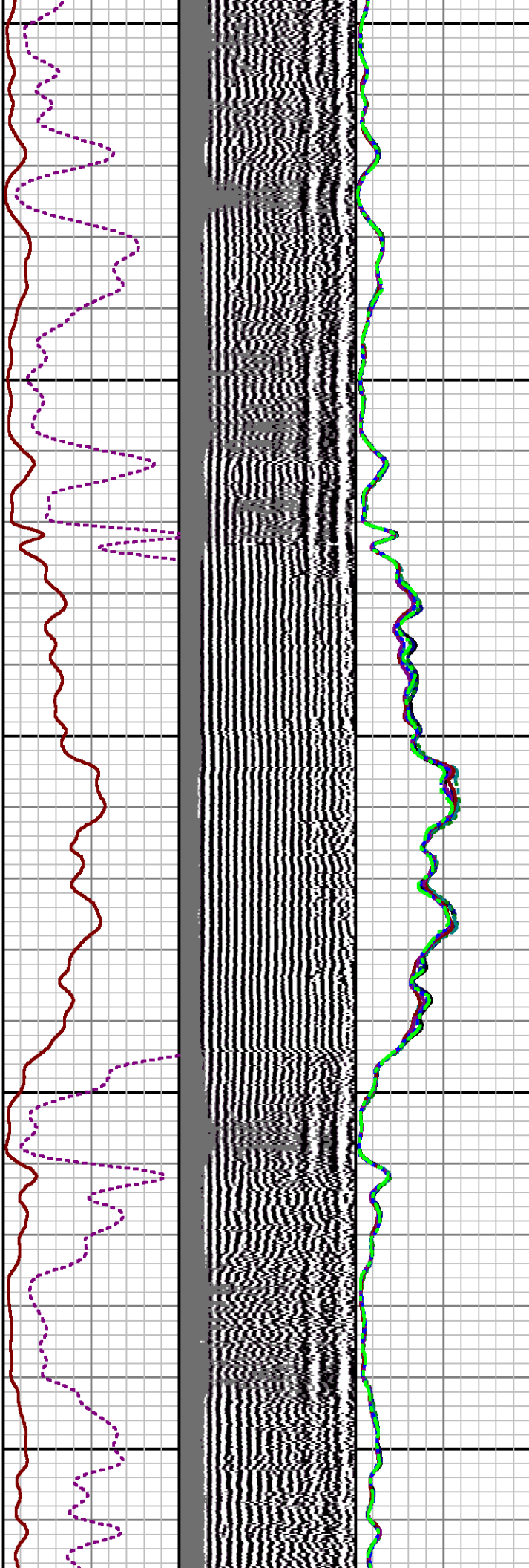
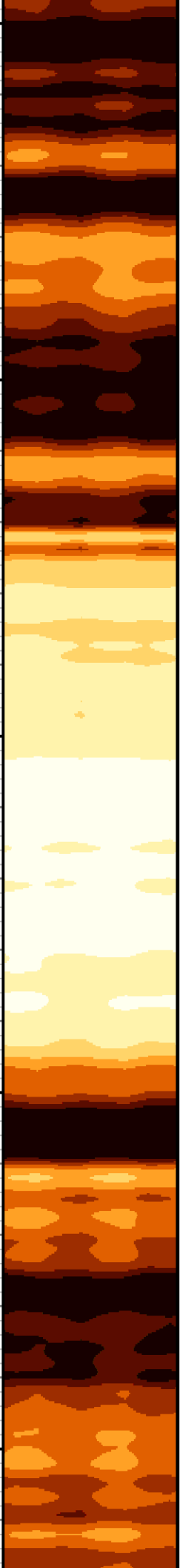


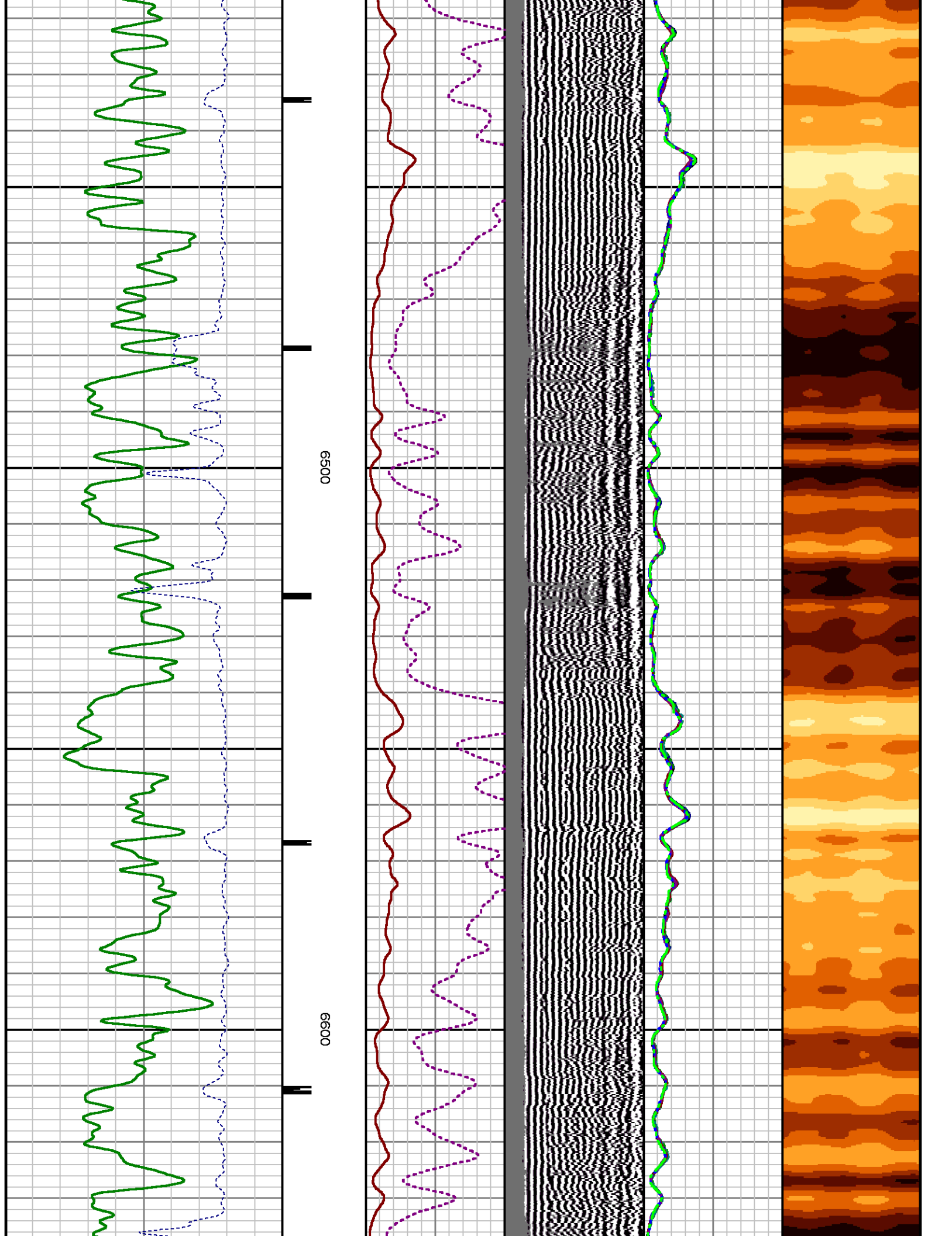




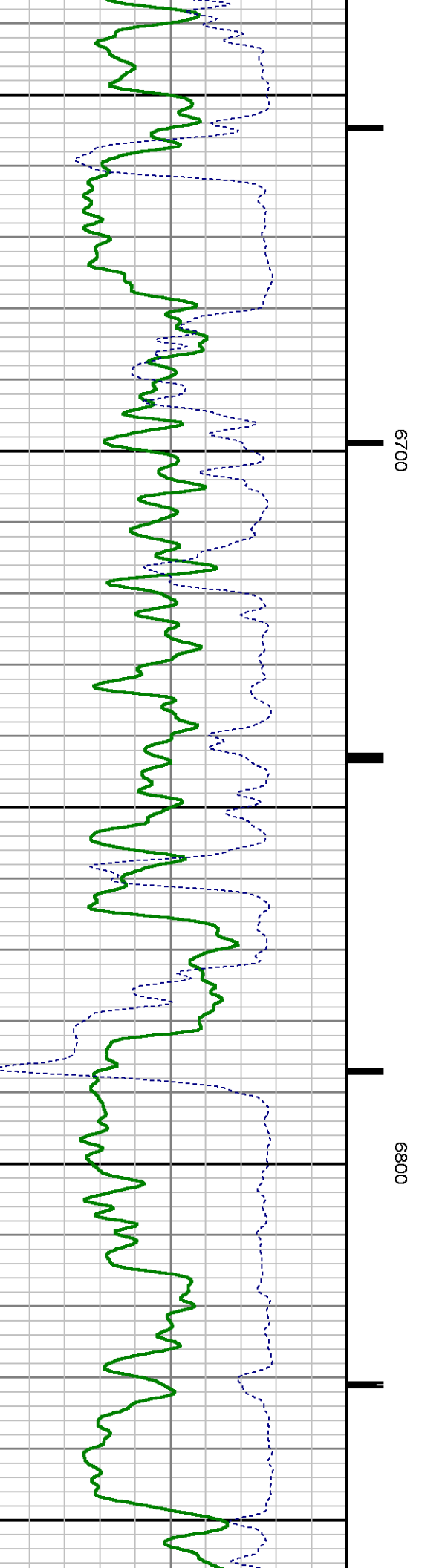
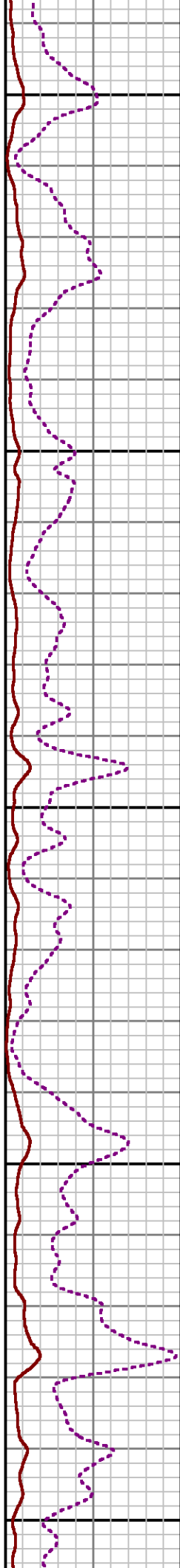
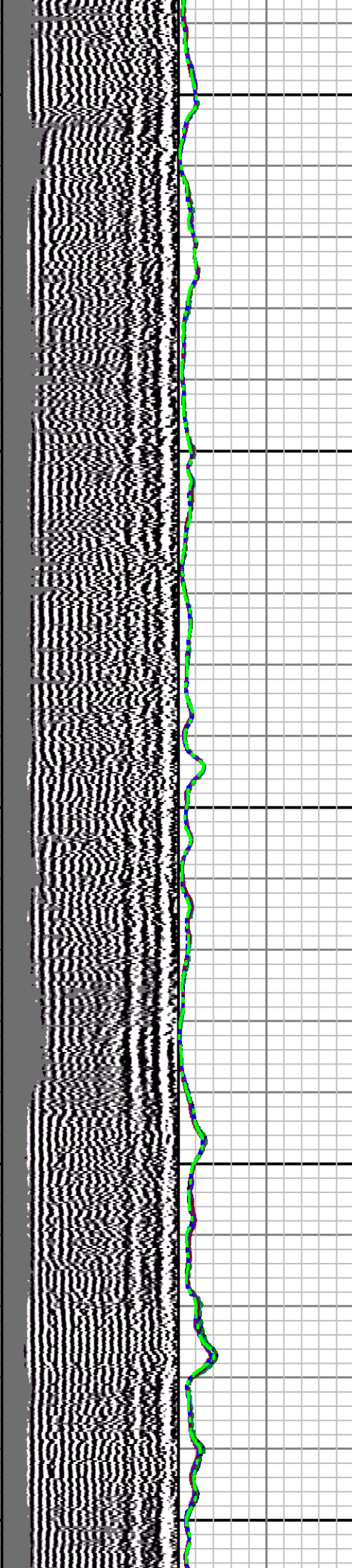
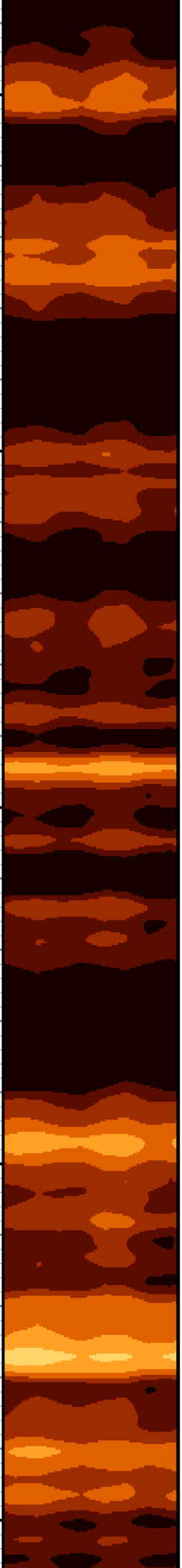




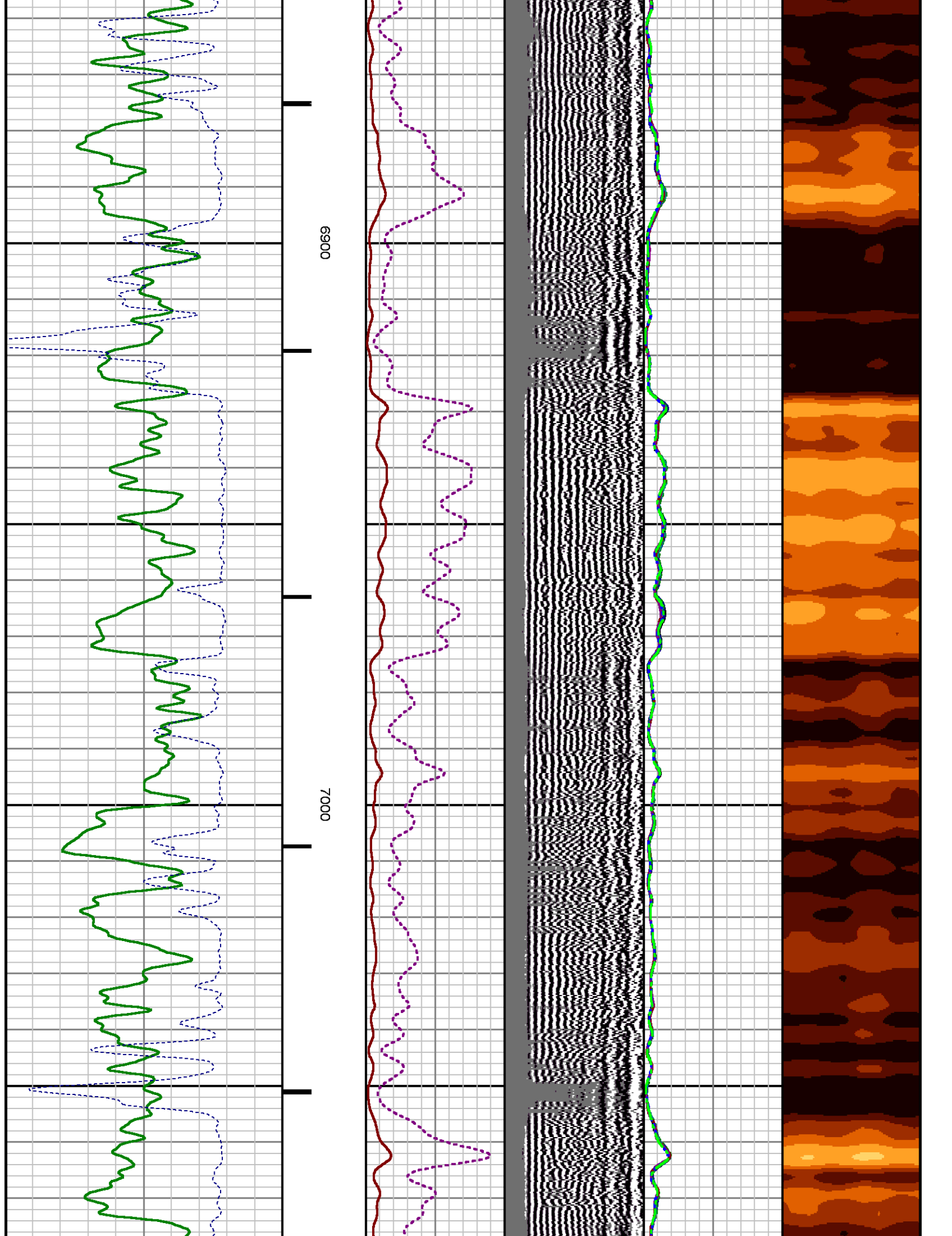


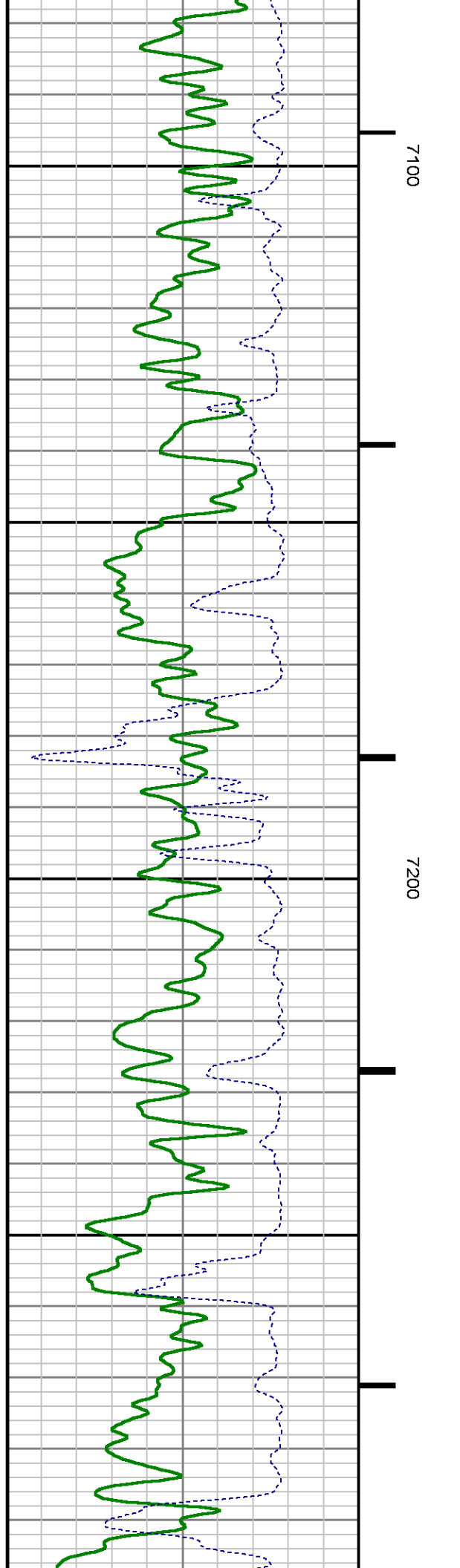
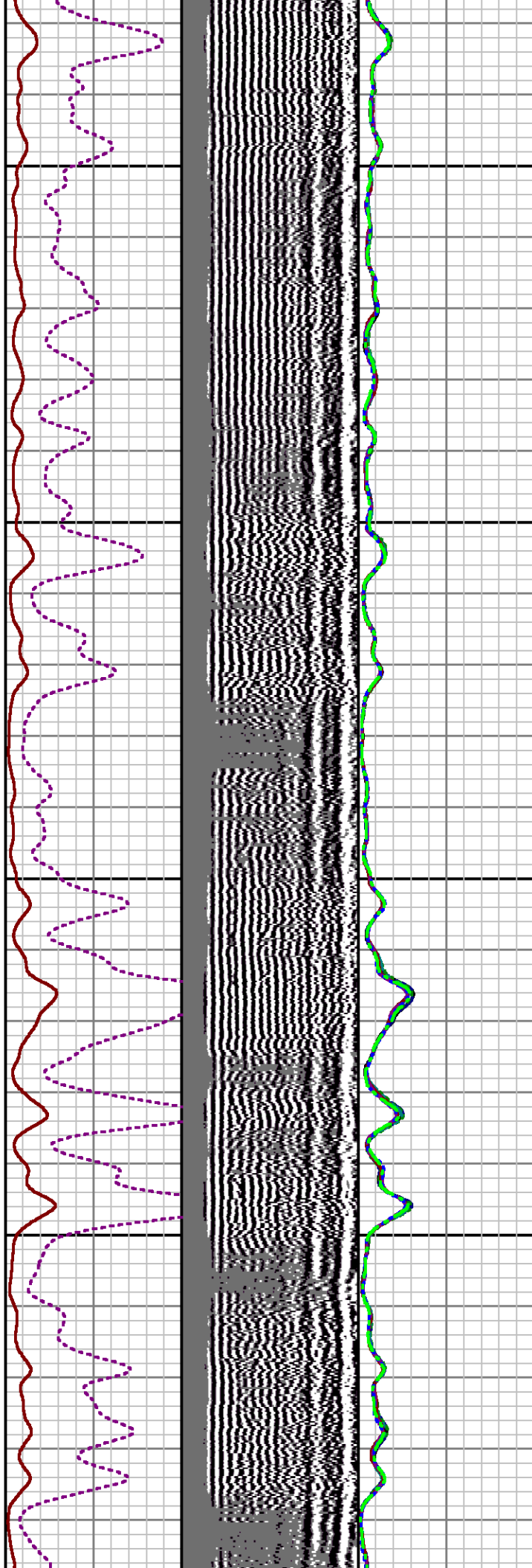


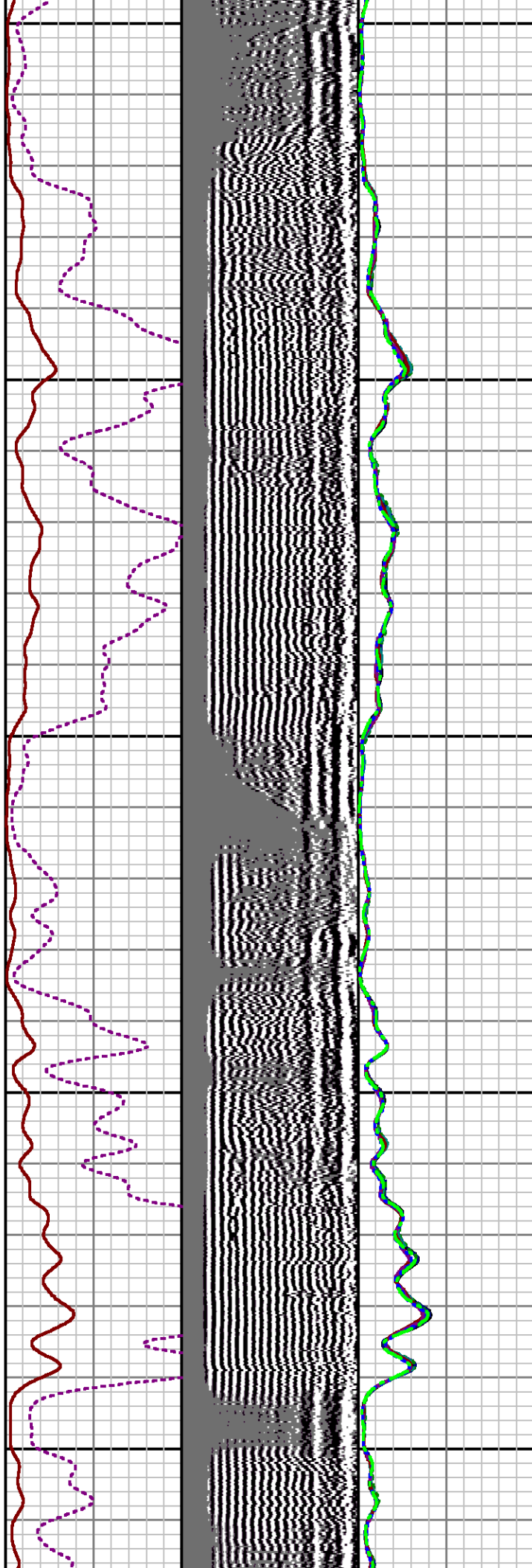








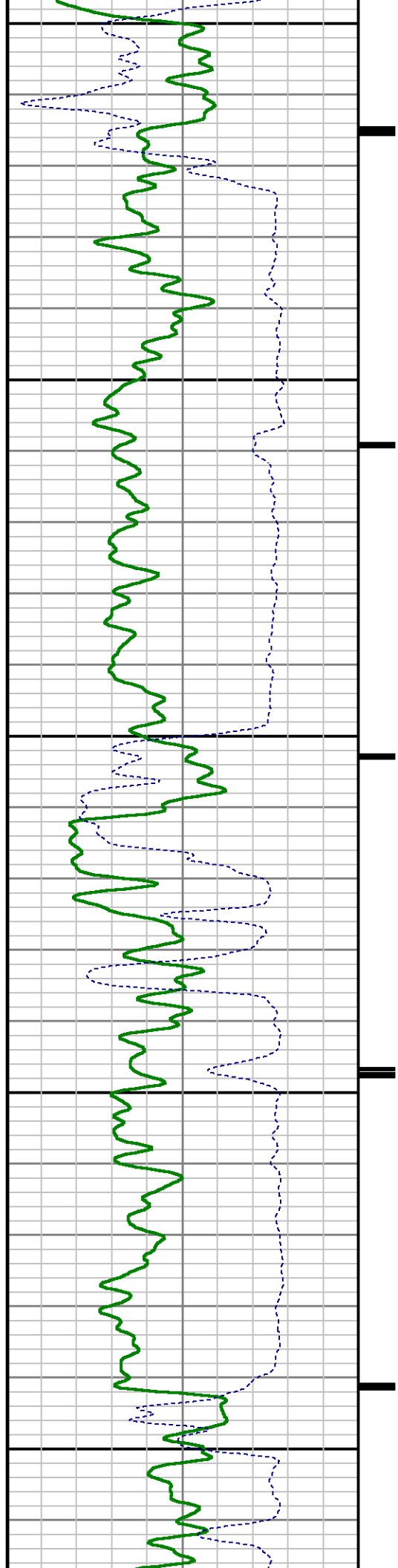


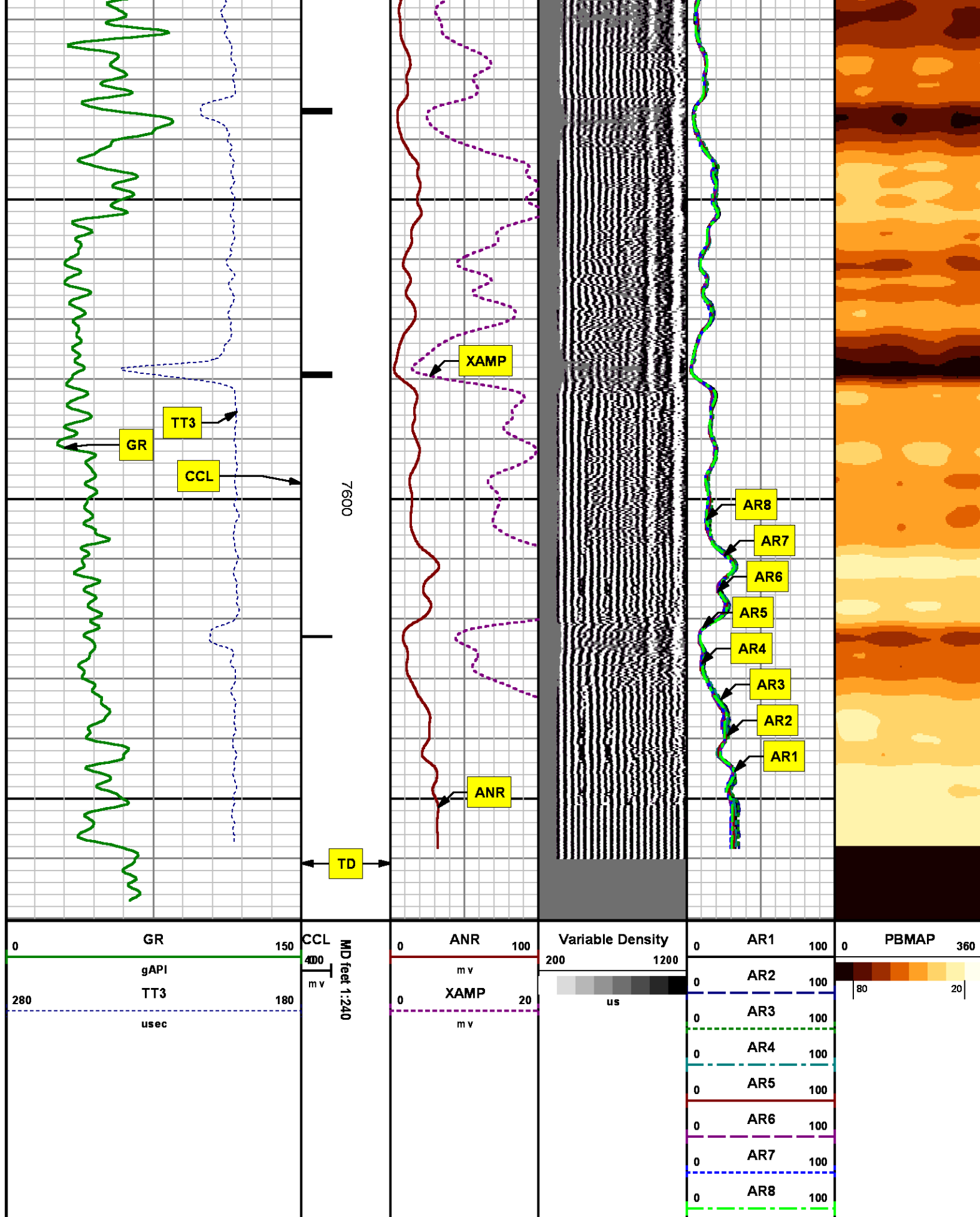


7300

7400

7500





# REPEAT SECTION

## 0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	7340.040	7672.290
RAL	Amp Gate Start Near	195.000	usec	7340.040	7672.290
RAL	Amp Gate Start Radial	195.000	usec	7340.040	7672.290
RAL	Amp Gate Width Far	25.000	usec	7340.040	7672.290
RAL	Amp Gate Width Near	25.000	usec	7340.040	7672.290
RAL	Amp Gate Width Radial	25.000	usec	7340.040	7672.290
RAL	casing od	4.500	inches	7340.040	7672.290
RAL	casing wt	11.600	lbm/ft	7340.040	7672.290
RAL	FB Start Far	291.900	usec	7340.040	7672.290
RAL	FB Start Near	180.000	usec	7340.040	7672.290
RAL	FB Start Radial	180.000	usec	7340.040	7672.290
RAL	FB Thresh Far	10.000	mv	7340.040	7672.290
RAL	FB Thresh Near	4.000	mv	7340.040	7672.290
RAL	FB Thresh Radial	4.000	mv	7340.040	7672.290
RAL	Fluid Travel Time	200.000	usec/ft	7340.040	7672.290

### DEPTH OFFSETS

(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES					
1426XA	-11.000	ACAL	ANR	AR1	AR2	AR3	AR4
		AR5	AR6	AR7	AR8	CHV	FPR2
		FPR3	FPR5	TT3	TTR1	TTR2	TTR3
		TTR4	TTR5	TTR6	TTR7	TTR8	XAMP
1426XA	-10.040	AFAR	SIG	TT5			
1355XA	-5.620	CCL					
1355XA	-1.500	GR					
1355XA	0.000	TEMP					

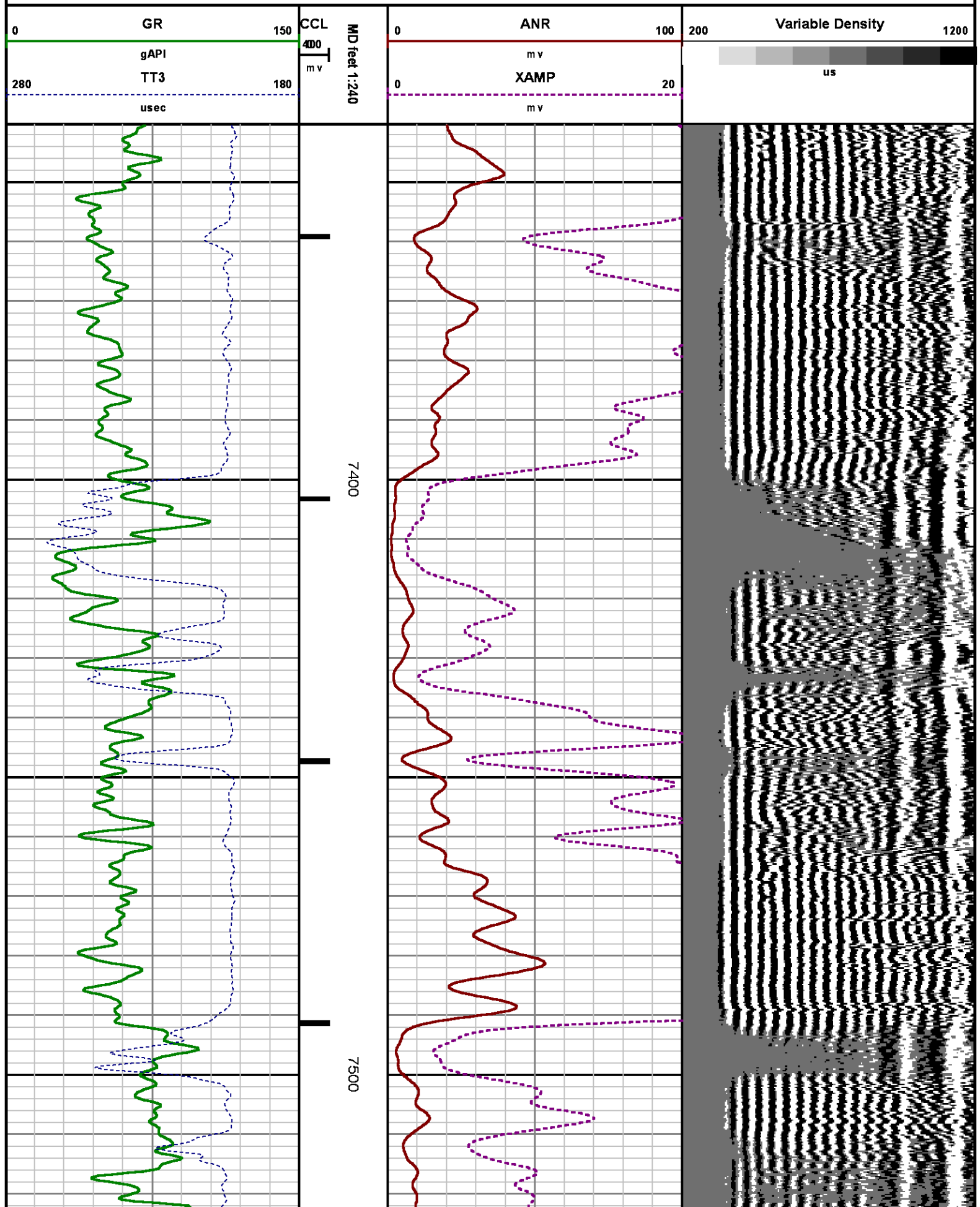
Created by : RAL, v4.8.008

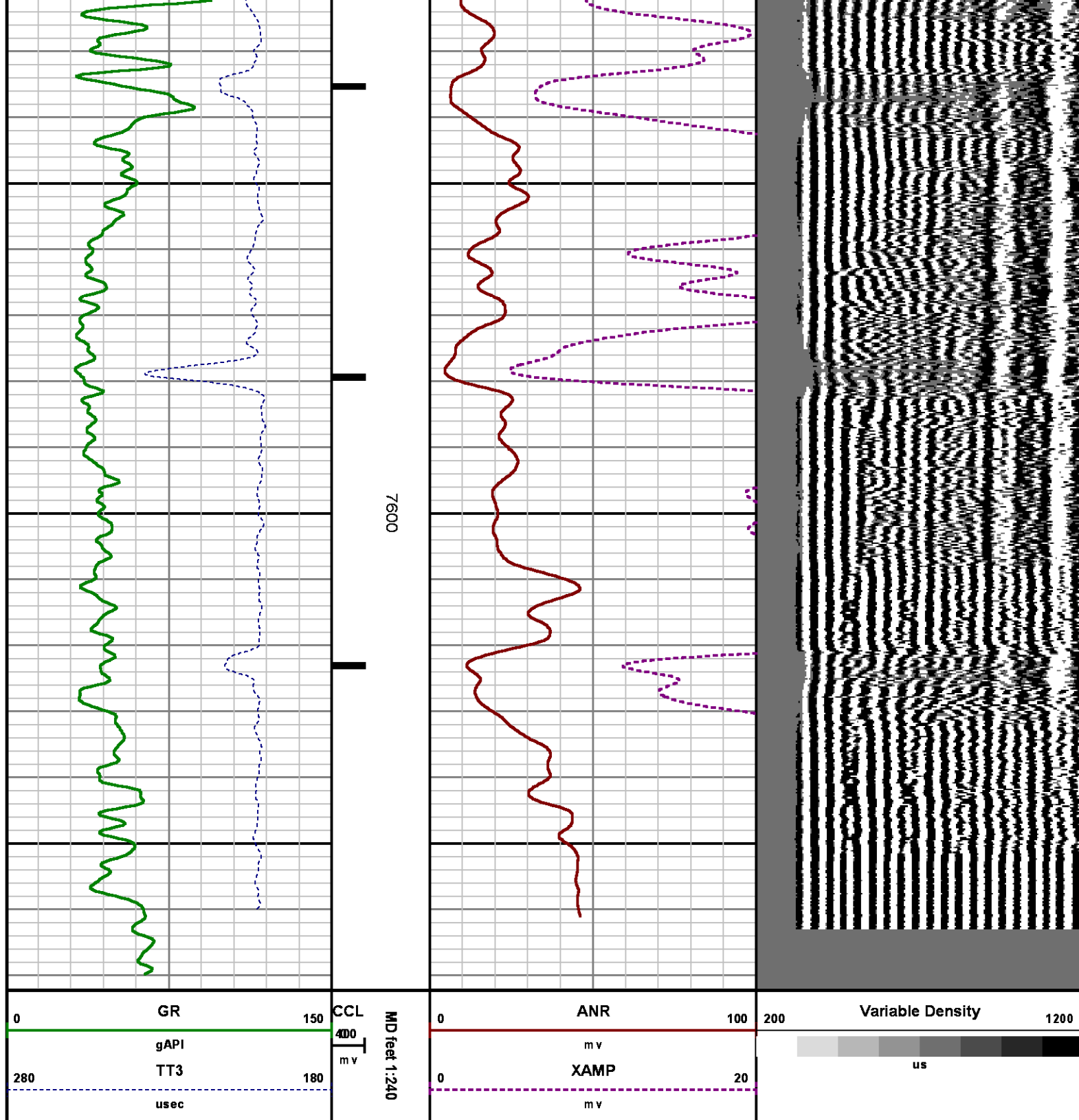
Plotted by : PlotMgr, v5.4.504

Company : WPX ENERGY

Well : HICKS BA 12.6







CALIBRATION SUMMARY

RAI SHP

Shop Calibration: C:\case\calver\RALSHF106AU18\_shp.cal

SHOP CALIBRATION SUMMARY

DATE/TIME PERFORMED: Mon Aug 18 07:52:14 2014 TOOL SERIES: 1426XA ASSET: 106 SEQ: AU18

Tool Delay [usec]  Tank OD  Tank Wt  Tank ID

RECEIVER	Travel Time [usec]	Amp. Gate Start [usec]	Amp. Gate Width [usec]	Zero Gate Start [usec]	Zero Gate Width [usec]	Zero Amp. [mV]	Amp Ref. [mV]	Shop Factor
CAL Pulse	<input type="text" value="219"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.259"/>	<input type="text" value="100.00"/>	<input type="text" value="0.47"/>
3 Ft. Receiver	<input type="text" value="218"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.181"/>	<input type="text" value="100.00"/>	<input type="text" value="0.46"/>
5 Ft. Receiver	<input type="text" value="326"/>	<input type="text" value="325"/>	<input type="text" value="30"/>	<input type="text" value="249"/>	<input type="text" value="25"/>	<input type="text" value="0.277"/>	<input type="text" value="150.00"/>	<input type="text" value="0.50"/>
Radial #1	<input type="text" value="218"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.205"/>	<input type="text" value="100.00"/>	<input type="text" value="0.46"/>
Radial #2	<input type="text" value="217"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.260"/>	<input type="text" value="100.00"/>	<input type="text" value="0.46"/>
Radial #3	<input type="text" value="217"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.074"/>	<input type="text" value="100.00"/>	<input type="text" value="0.46"/>
Radial #4	<input type="text" value="217"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.420"/>	<input type="text" value="100.00"/>	<input type="text" value="0.46"/>
Radial #5	<input type="text" value="218"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.187"/>	<input type="text" value="100.00"/>	<input type="text" value="0.47"/>
Radial #6	<input type="text" value="218"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="0.132"/>	<input type="text" value="100.00"/>	<input type="text" value="0.47"/>
Radial #7	<input type="text" value="218"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.665"/>	<input type="text" value="100.00"/>	<input type="text" value="0.47"/>
Radial #8	<input type="text" value="219"/>	<input type="text" value="216"/>	<input type="text" value="30"/>	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.458"/>	<input type="text" value="100.00"/>	<input type="text" value="0.47"/>

RALFLD

Wellsite Calibration: C:\case\calver\RALFLD106AU18 fld.cal

WELLSITE CALIBRATION SUMMARY

DATE/TIME PERFORMED: Mon Aug 18 07:54:09 2014 TOOL SERIES: 1426XA ASSET: 106 SEQ: AU18

Tool Delay [usec]  Casing OD  Casing Wt  Casing ID

RECEIVER	Zero Gate Start [usec]	Zero Gate Width [usec]	Zero Amp. [mV]	Full Amp. [mV]	Wellsite Factor	Amp. Ref [mV]
CAL Pulse	<input type="text" value="166"/>	<input type="text" value="25"/>	<input type="text" value="-0.023"/>	<input type="text" value="0.000"/>	<input type="text" value="0.99"/>	<input type="text" value="100.000"/>
3 Ft. Receiver	<input type="text" value="195"/>	<input type="text" value="25"/>	<input type="text" value="-1.157"/>			
5 Ft. Receiver	<input type="text" value="305"/>	<input type="text" value="25"/>	<input type="text" value="-1.179"/>			
Radial #1	<input type="text" value="195"/>	<input type="text" value="25"/>	<input type="text" value="-2.718"/>			
Radial #2	<input type="text" value="195"/>	<input type="text" value="25"/>	<input type="text" value="-1.616"/>			
Radial #3	<input type="text" value="195"/>	<input type="text" value="25"/>	<input type="text" value="-1.129"/>			
Radial #4	<input type="text" value="195"/>	<input type="text" value="25"/>	<input type="text" value="-1.149"/>			
Radial #5	<input type="text" value="195"/>	<input type="text" value="25"/>	<input type="text" value="-1.012"/>			
Radial #6	<input type="text" value="195"/>	<input type="text" value="25"/>	<input type="text" value="-1.103"/>			
Radial #7	<input type="text" value="195"/>	<input type="text" value="25"/>	<input type="text" value="-0.616"/>			
Radial #8	<input type="text" value="195"/>	<input type="text" value="25"/>	<input type="text" value="-0.820"/>			

CAMMAY

# GAMMA RAY

Calibration File: C:\case\calver\GR\11871510A1.cal

## CALIBRATION SUMMARY

DATE/TIME PERFORMED: Fri Aug 15 09:48:50 2014 TOOL SERIES: 1355XA ASSET: 11871510 SEQ: A1

Calibrator #	Background [cps]	Calibrator On [cps]	Multiplicative	Background [api]	Calibrator On [api]	Differential [api]
S2K WA612	78.09	460.84	0.483	37.74	222.74	185.00

Verification File: C:\case\calver\GR\11871510A1.VP

## PRIMARY LOG VERIFICATION

DATE/TIME PERFORMED: Fri Aug 15 09:50:00 2014 TOOL SERIES: 1355XA ASSET: 11871510 SEQ: A1

Calibrator #	Background [cps]	Calibrator On [cps]	Multiplicative	Background [api]	Calibrator On [api]	Differential [api]
S2K WA612	85.91	455.51	0.483	41.52	220.17	178.64

# TOOL DIAGRAM

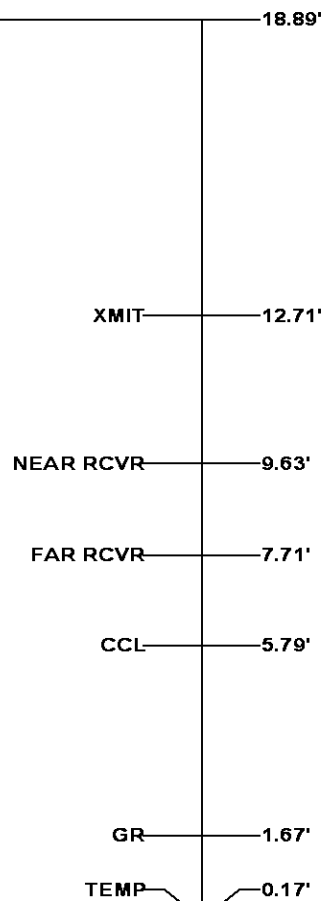
## OTA SHORT CABLE HEAD

## PROBE 2 3/4 DUAL RECEIVER RADII

Series	1426XA
Mnemonic	PROB
Diameter	2.75"
Length	11.17'
Measure Point	0.75' FAR RCVR
Measure Point	2.67' NEAR RCVR
Measure Point	5.75' XMIT
Temp Rating	350.00 °F
Press Rating	18000.00 PSI

## RAL GR/TEMP/CCL/CHV DETECTOR

Series	1355XA
Mnemonic	RAL
Diameter	2.75"
Weight	85.00 lb
Length	6.96'
Measure Point	0.17' TEMP
Measure Point	1.67' GR
Measure Point	5.79' CCL
Temp Rating	400.00 °F
Press Rating	20000.00 PSI



Total Length: 18.89'  
Total Weight: Not Available  
Max Diameter: 0' 2.75"



Baker Atlas

CASE

**Company****WPX ENERGY****Well****HICKS PA 43-6****Field****PARACHUTE****County****GARFIELD****State****COLORADO****File No:****CH089579****API No:****05045224110000****Location****SHL: 808' FSL & 2252' FWL****BHL: 2445' FSL & 382' FEL (NESE)****Elevations****KB 5160 ft****DF****GL 5135 ft****6 7S 95W****PA 24-6 PAD****AZTEC 1000****SEC 6 TWP 7S RGE 95W**