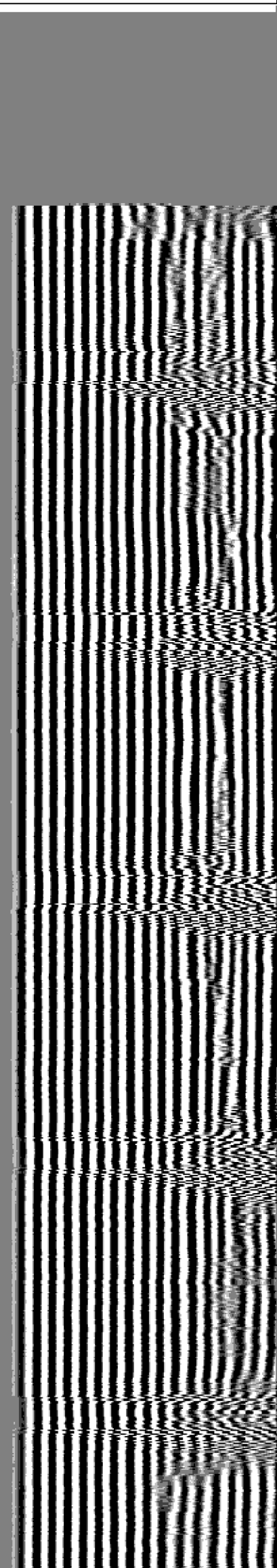
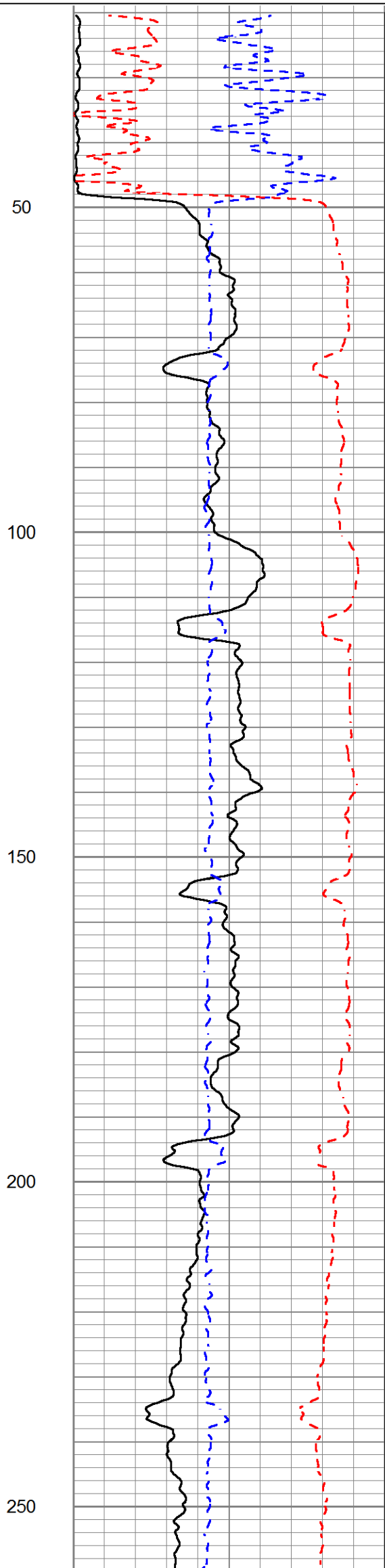
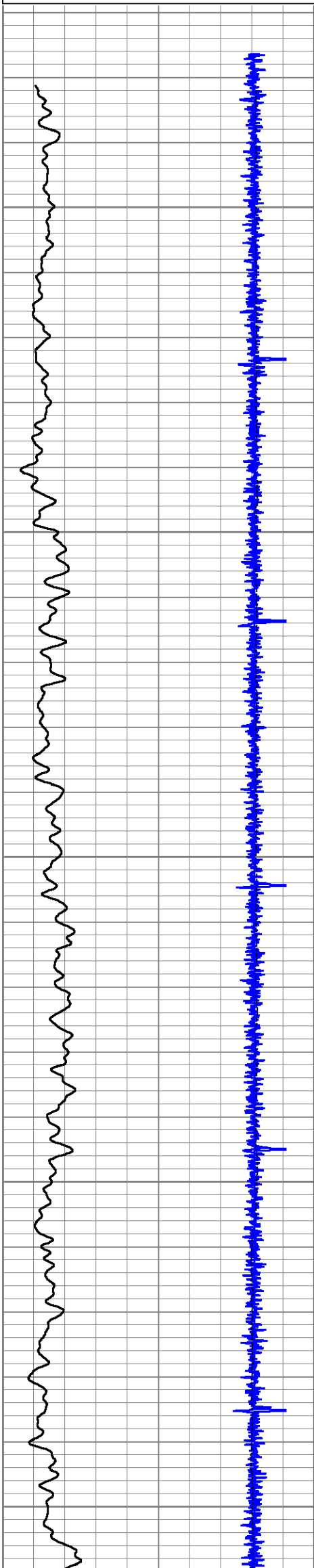
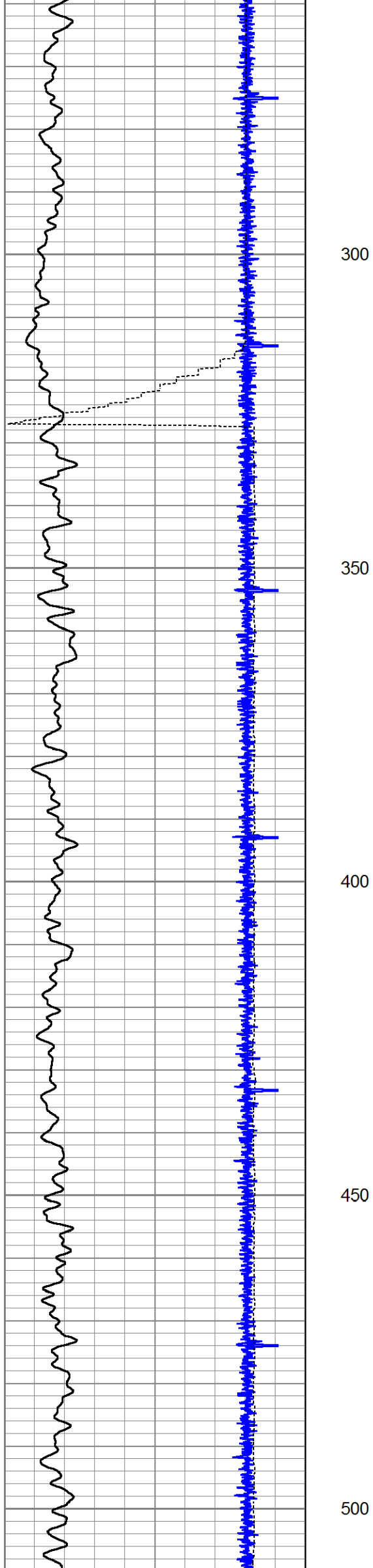




0 Line Speed (ft/min) 100  
-8.1 CORRECTED CCL 1.9

-15 Attenuation (db/ft) 0  
200 PPT (usec) 275





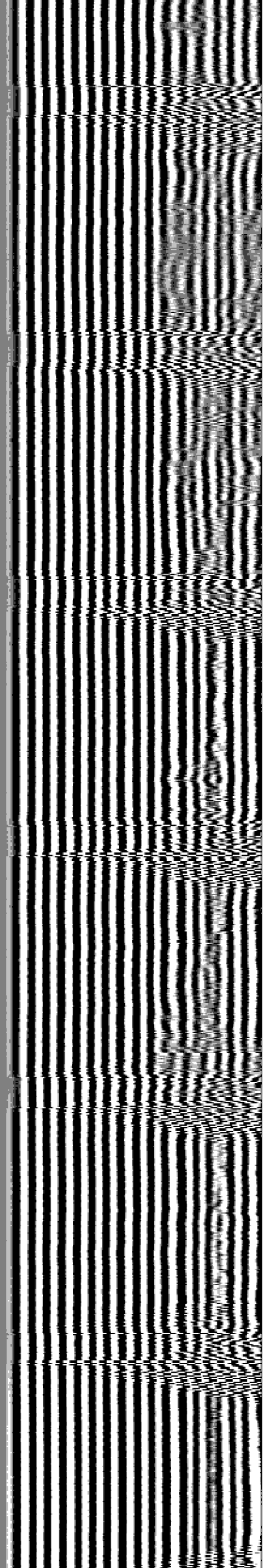
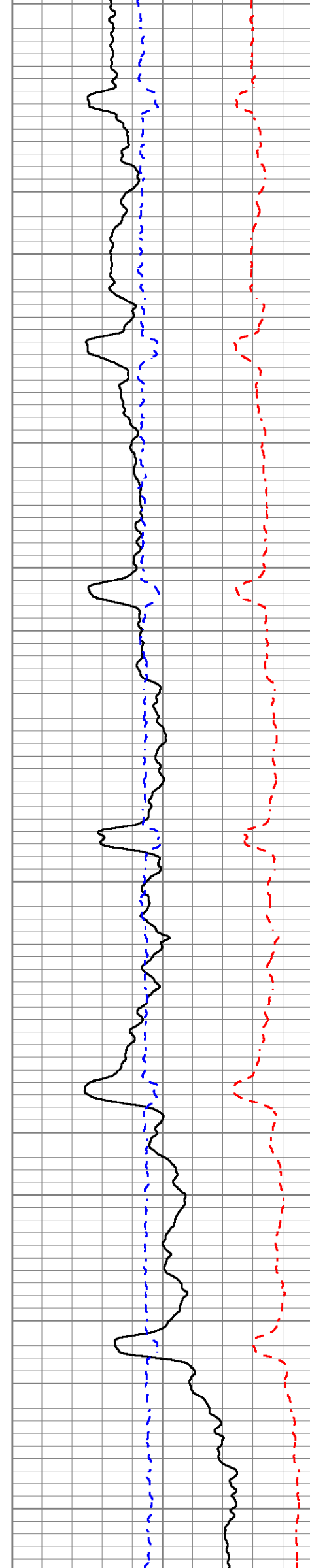
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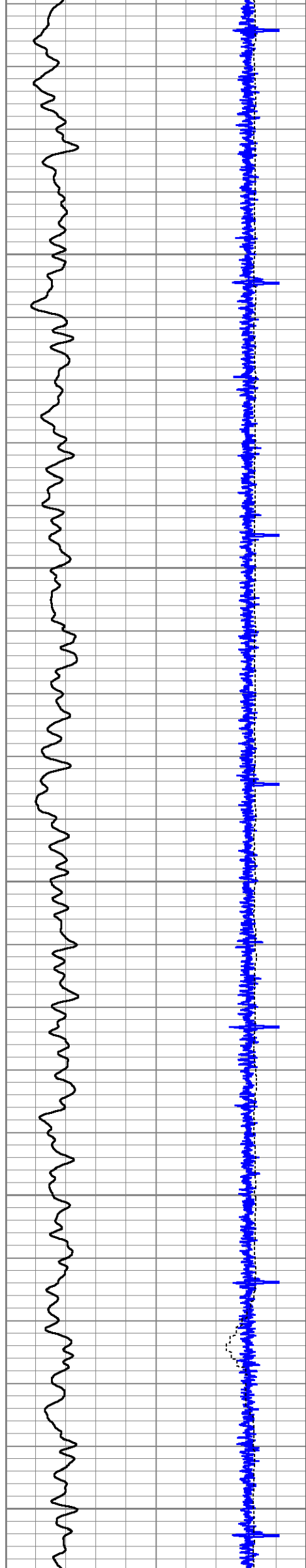
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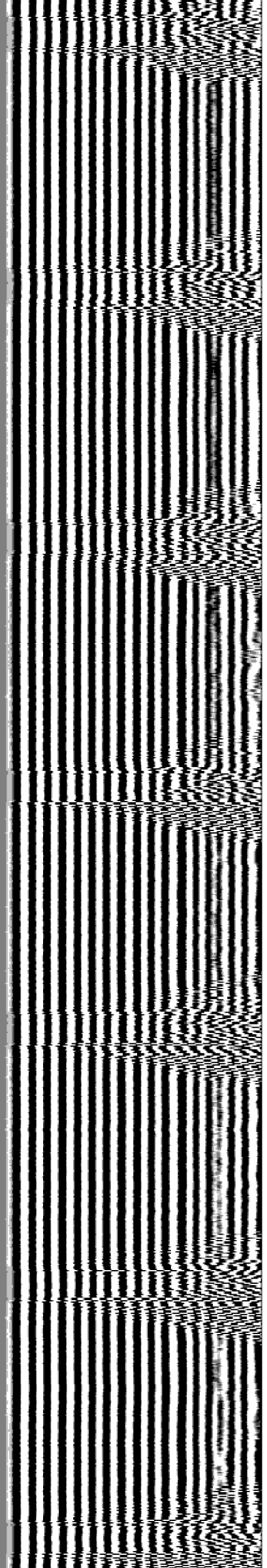
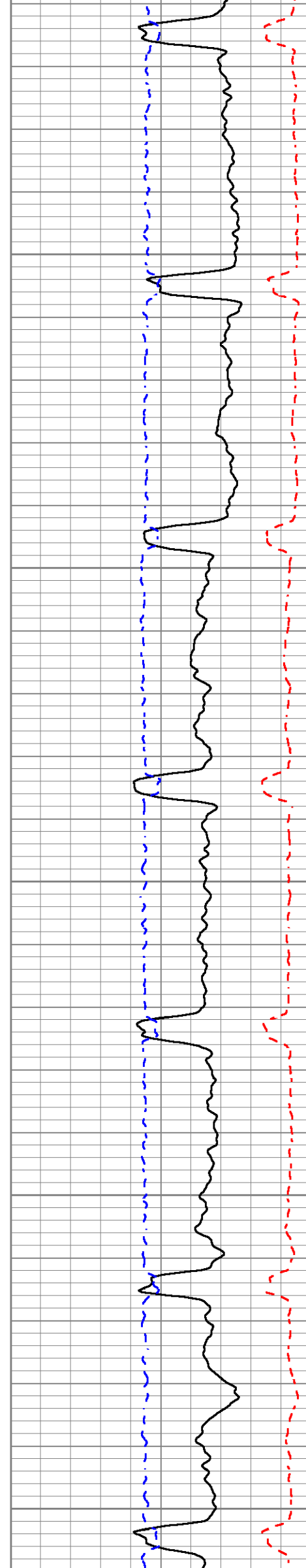
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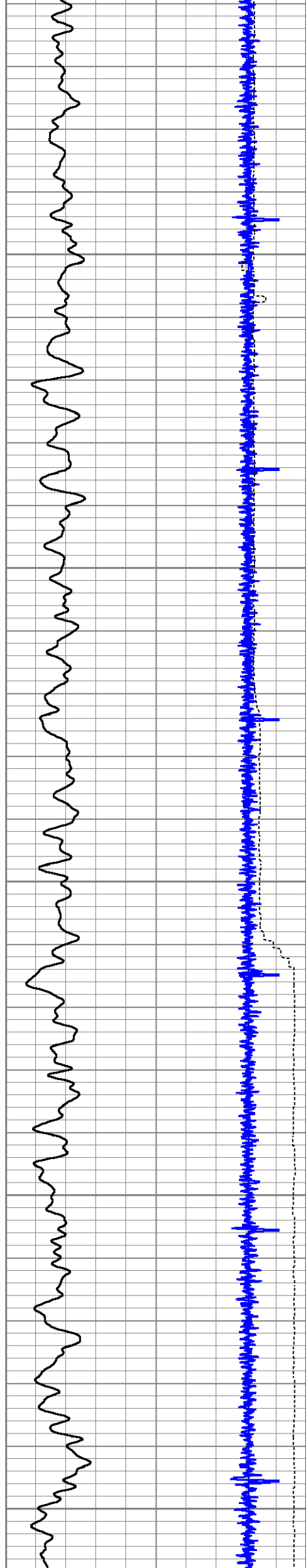
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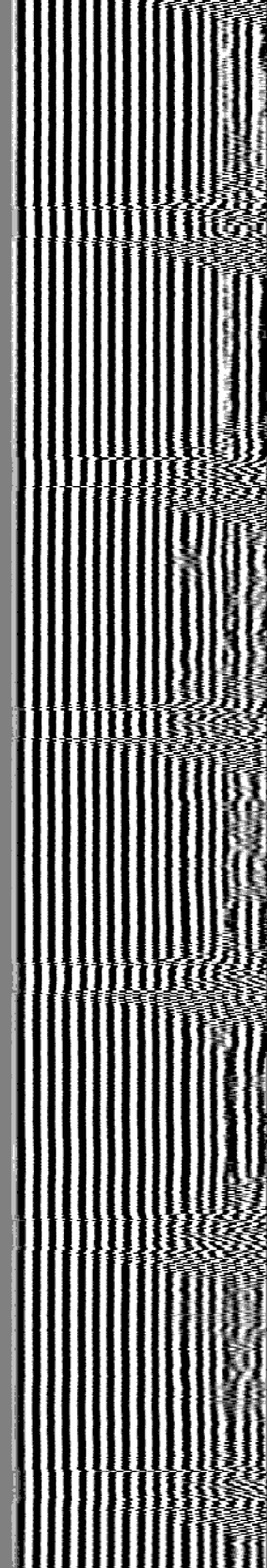
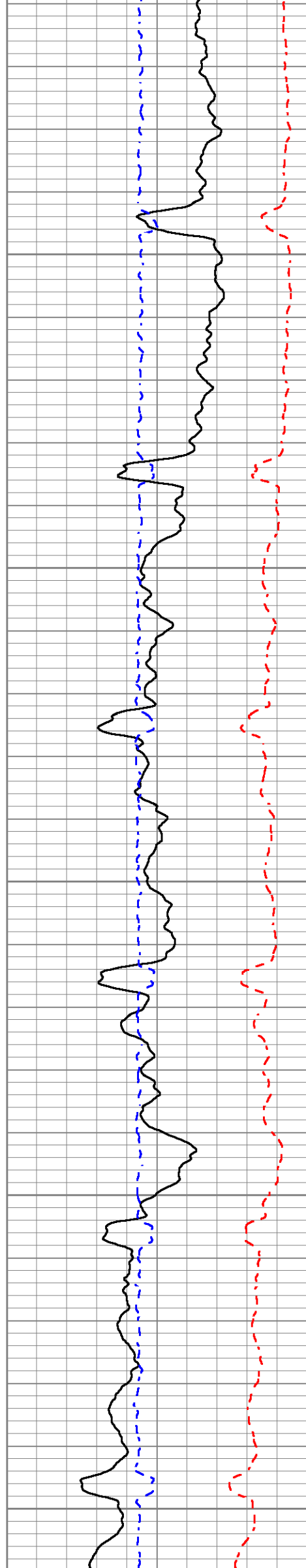
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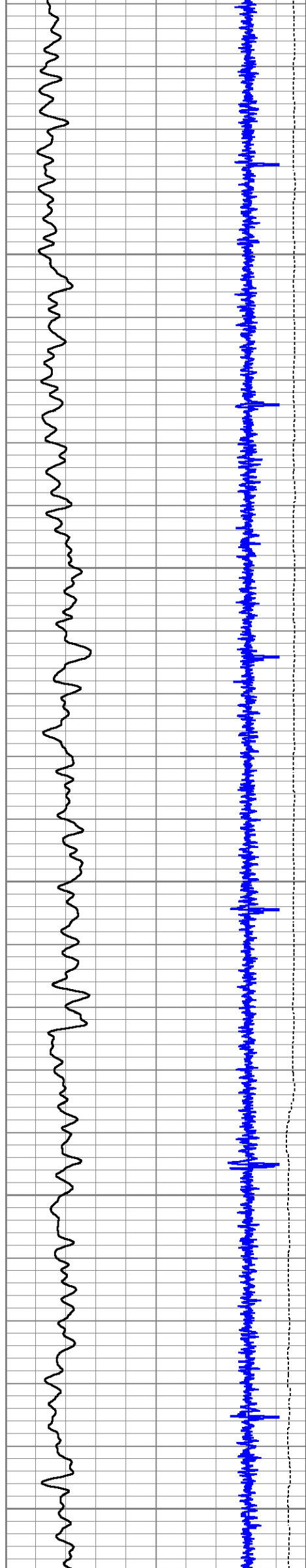
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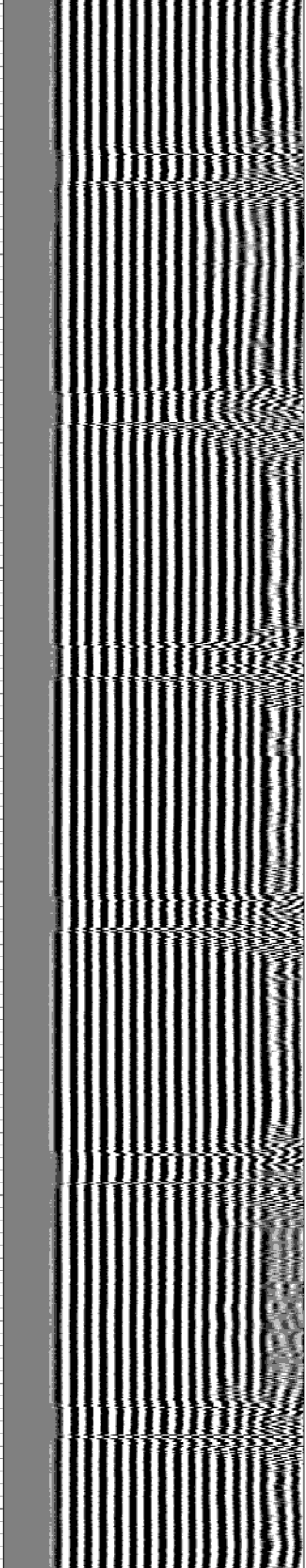
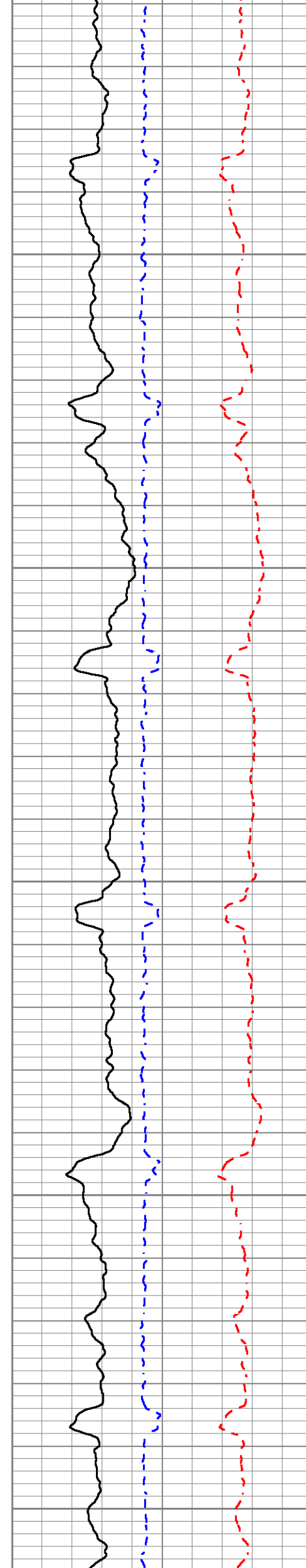
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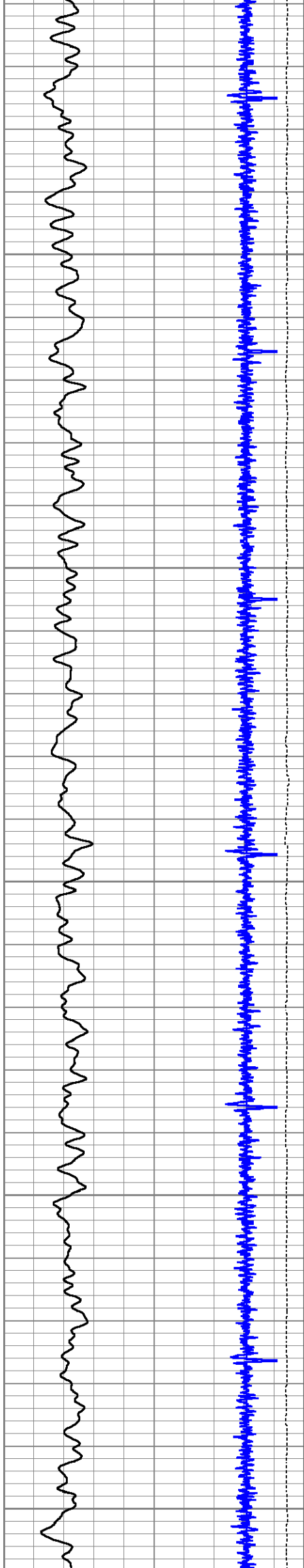
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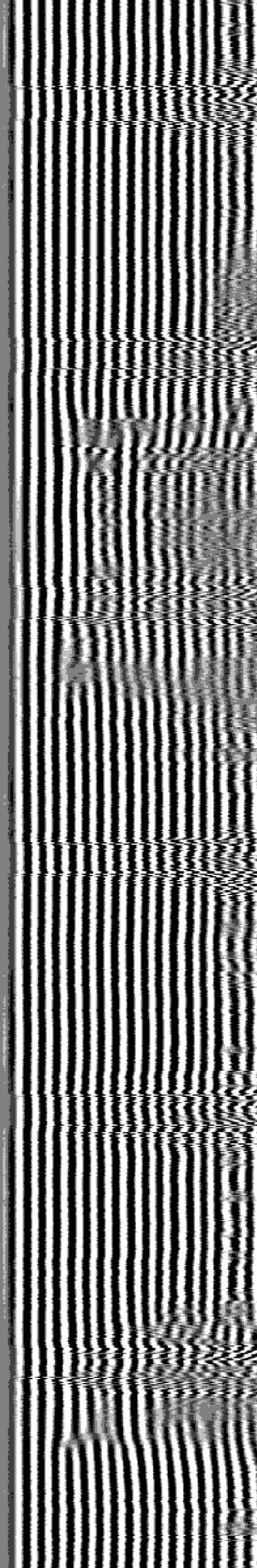
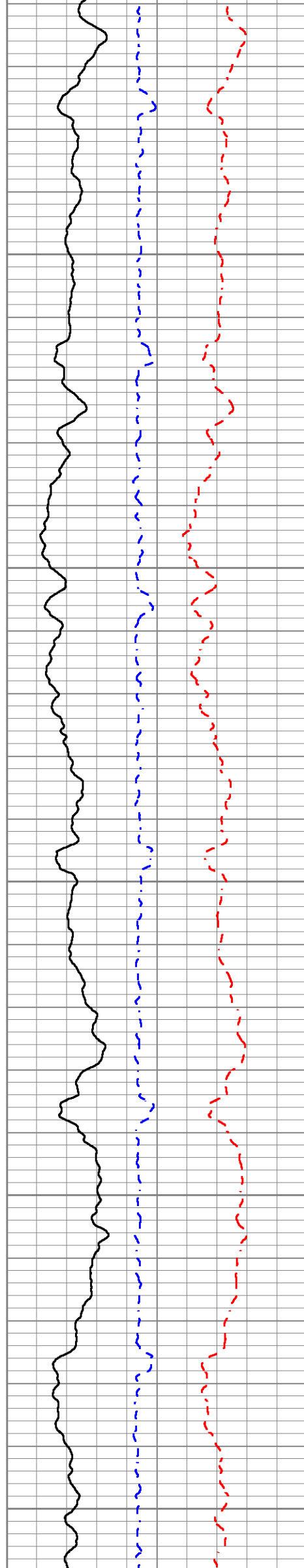
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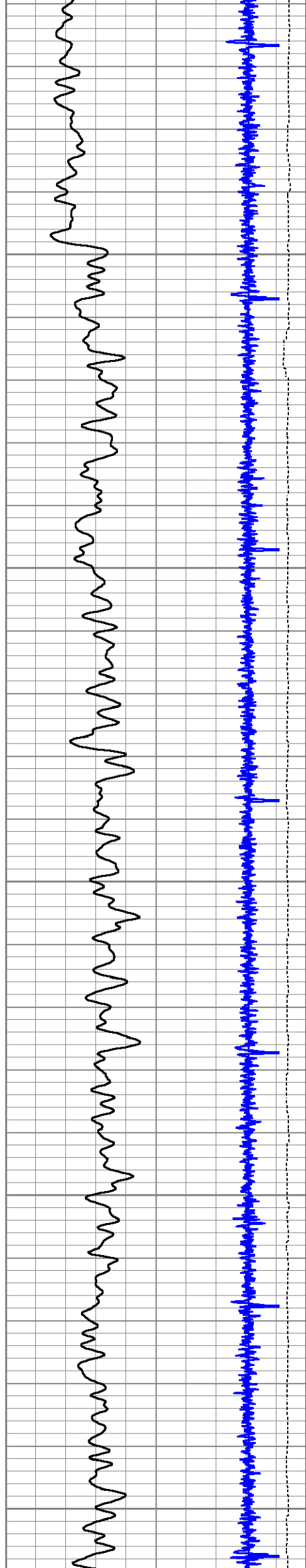
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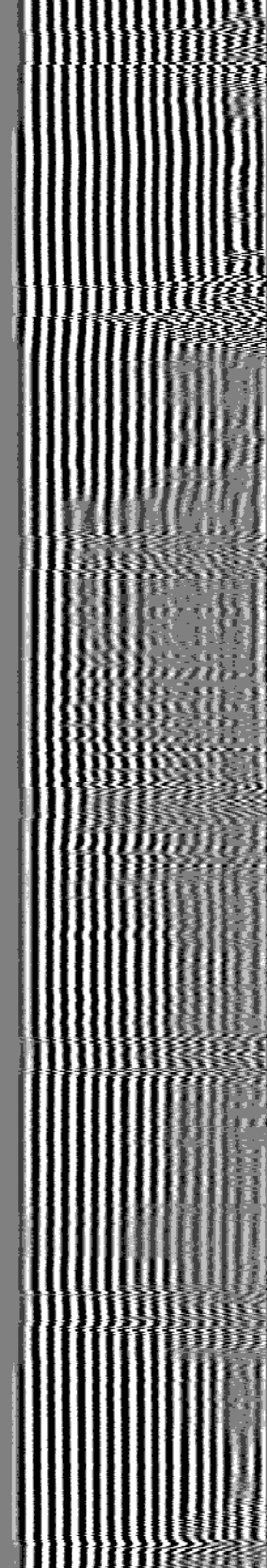
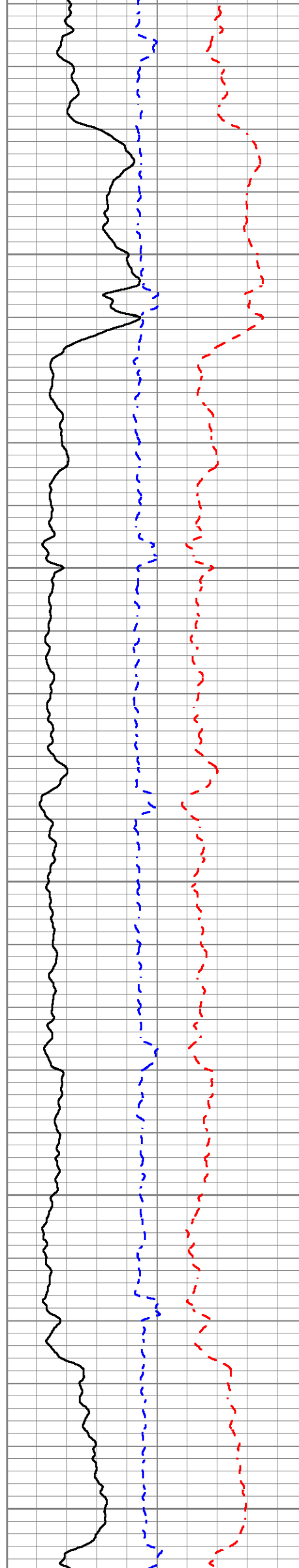
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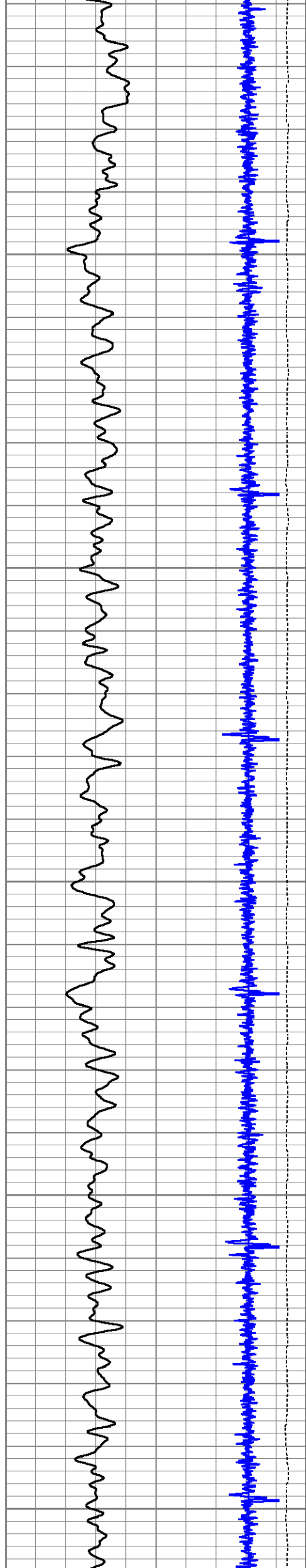
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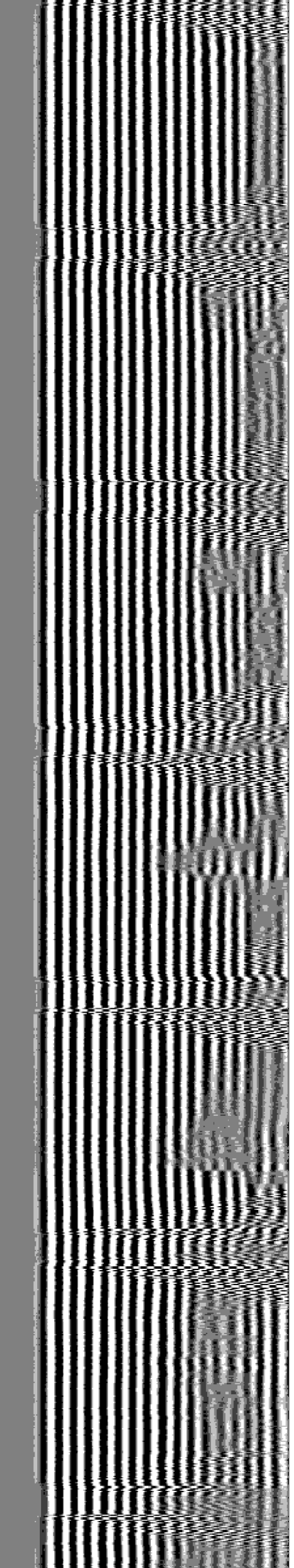
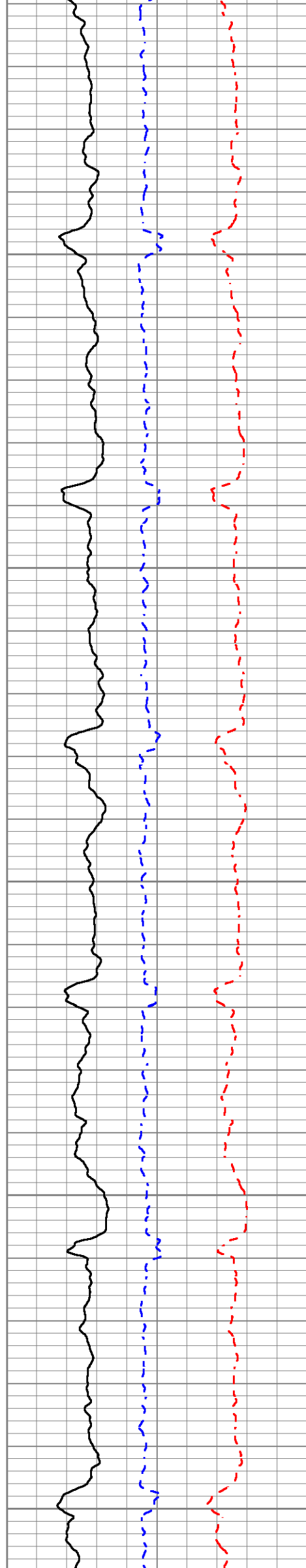
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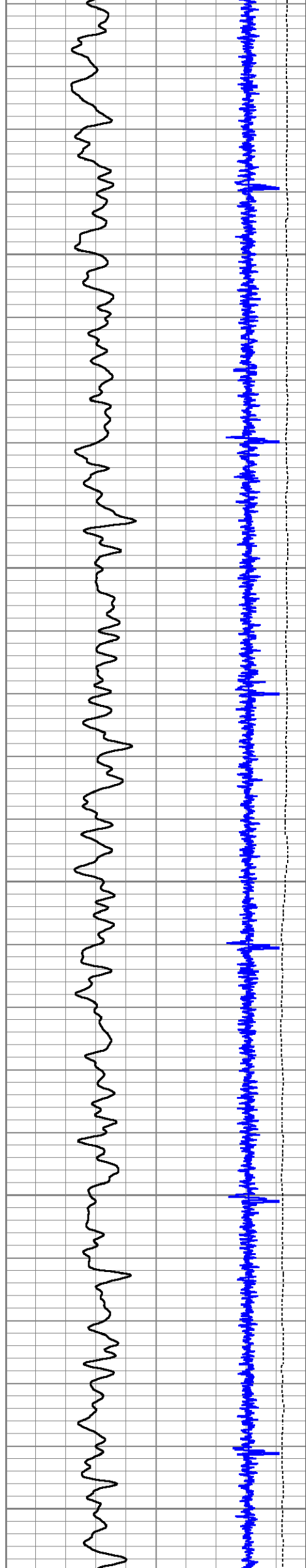
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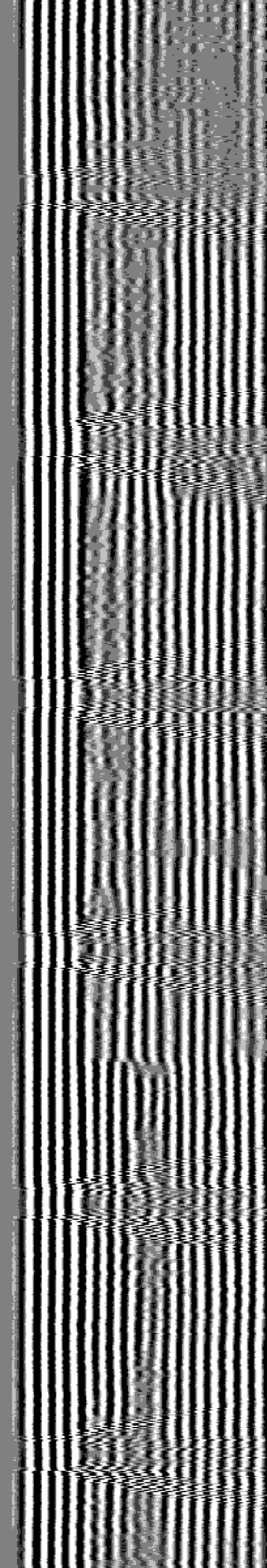
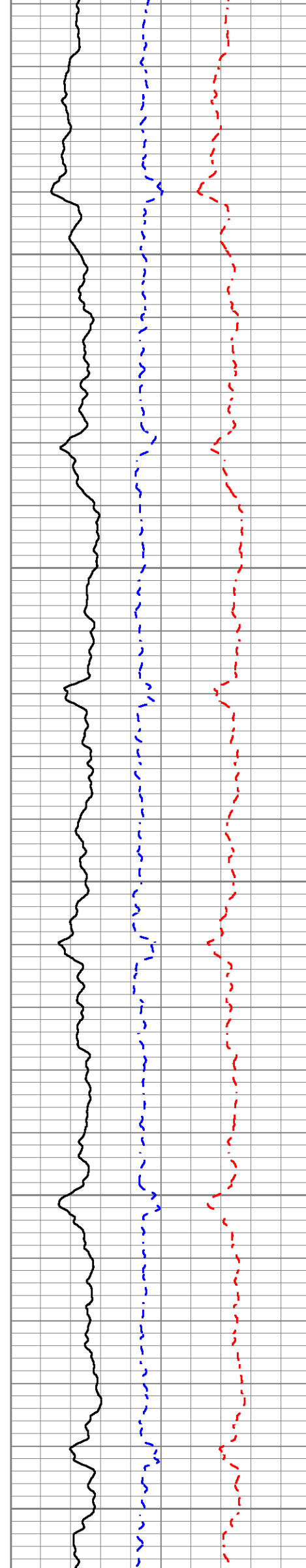
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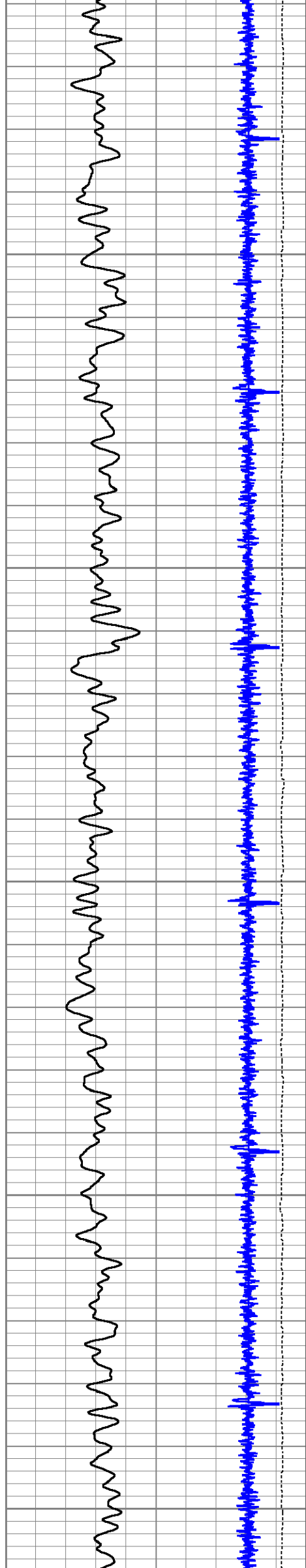
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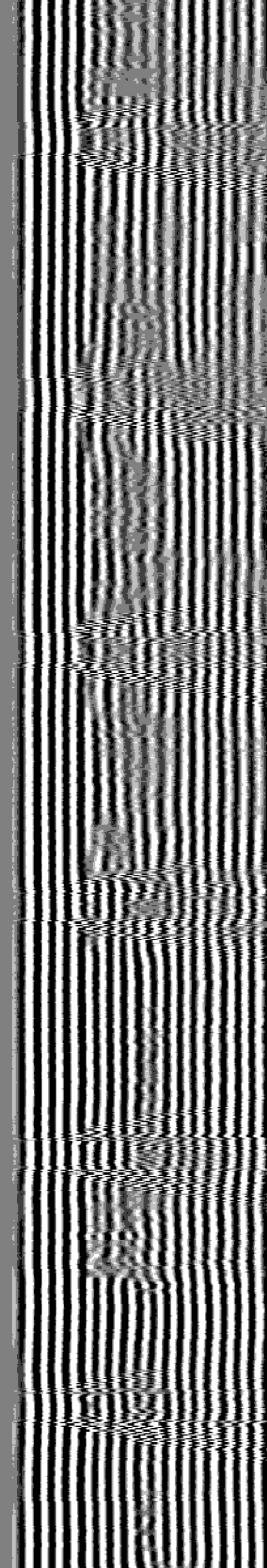
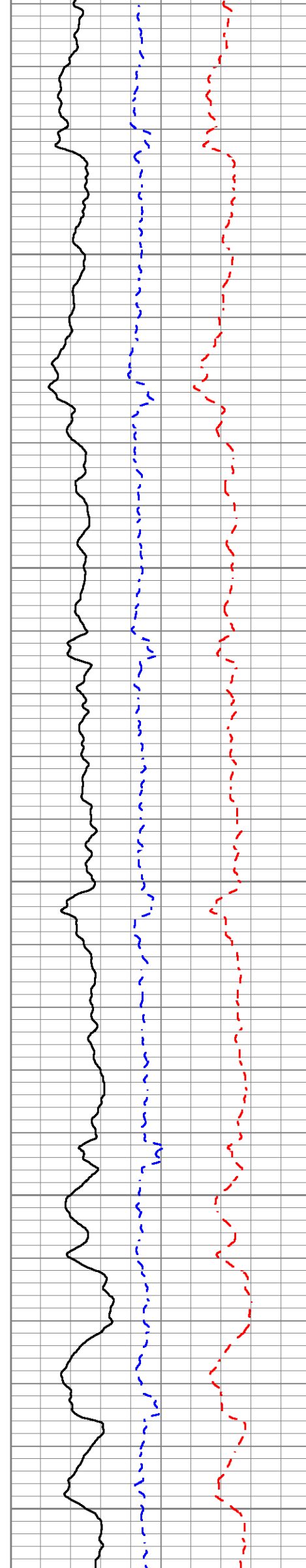
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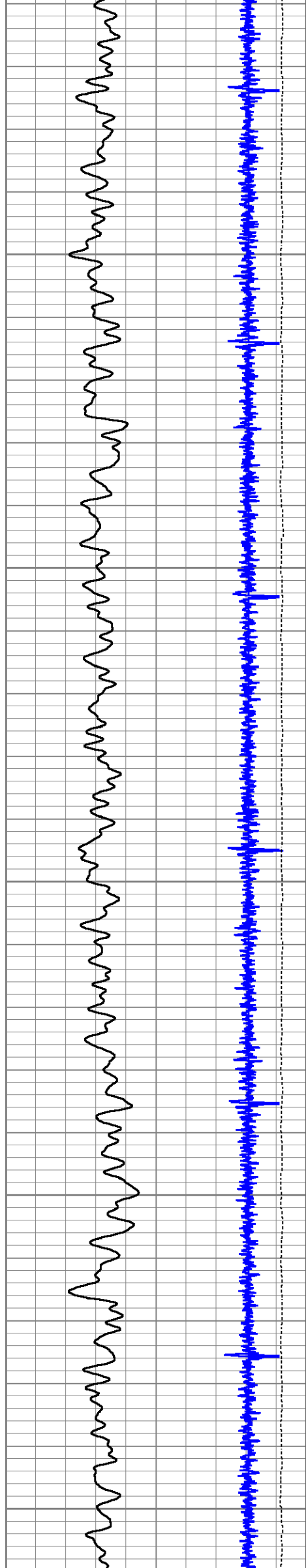
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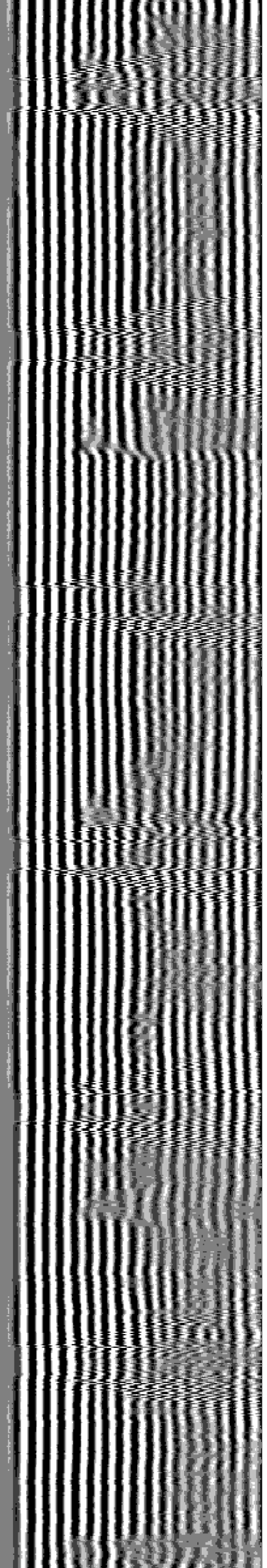
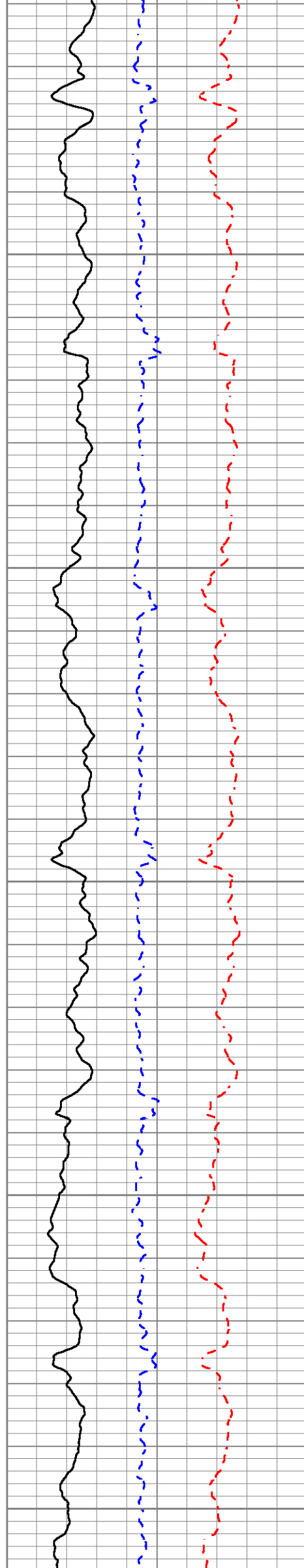
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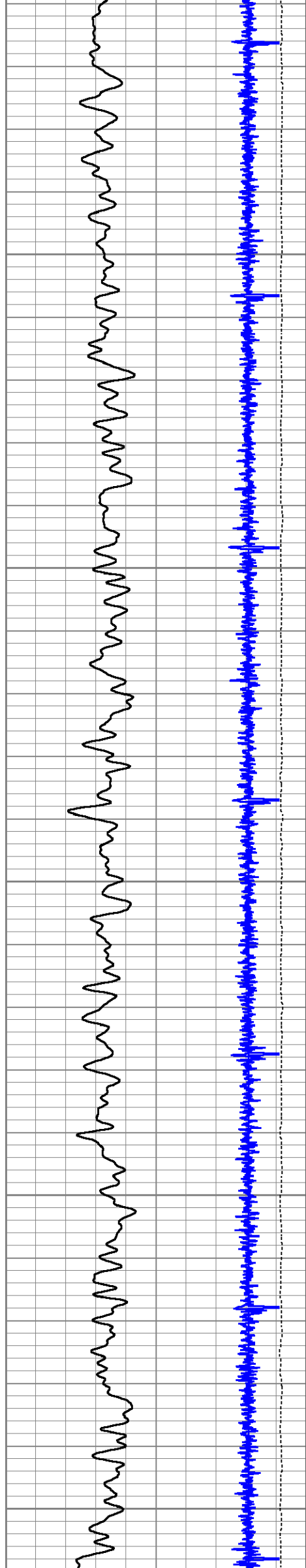
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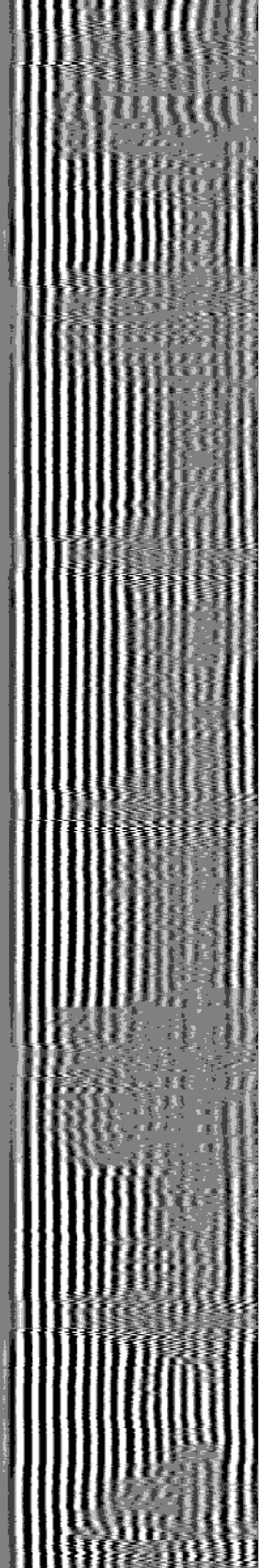
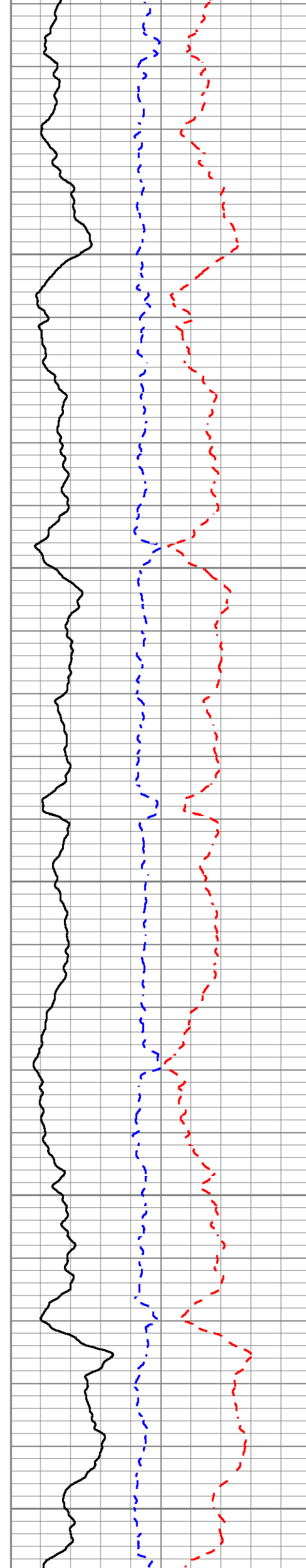
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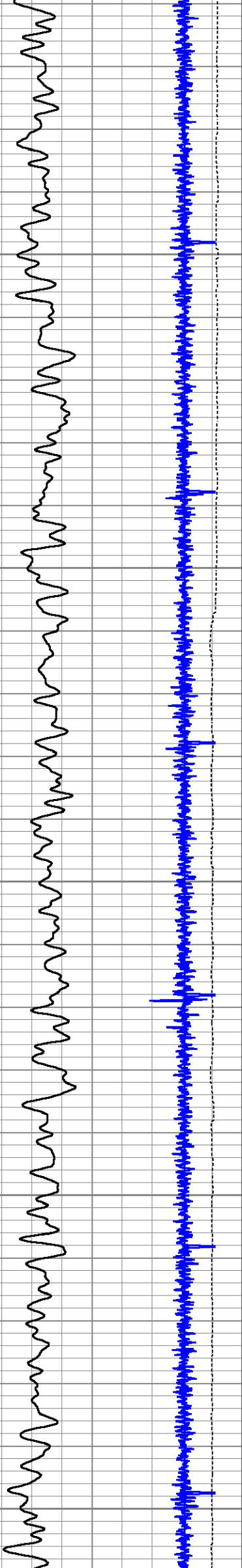
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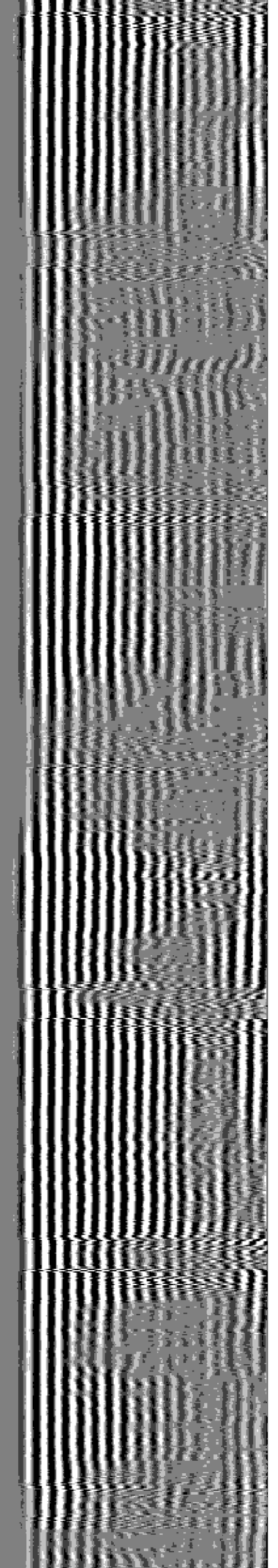
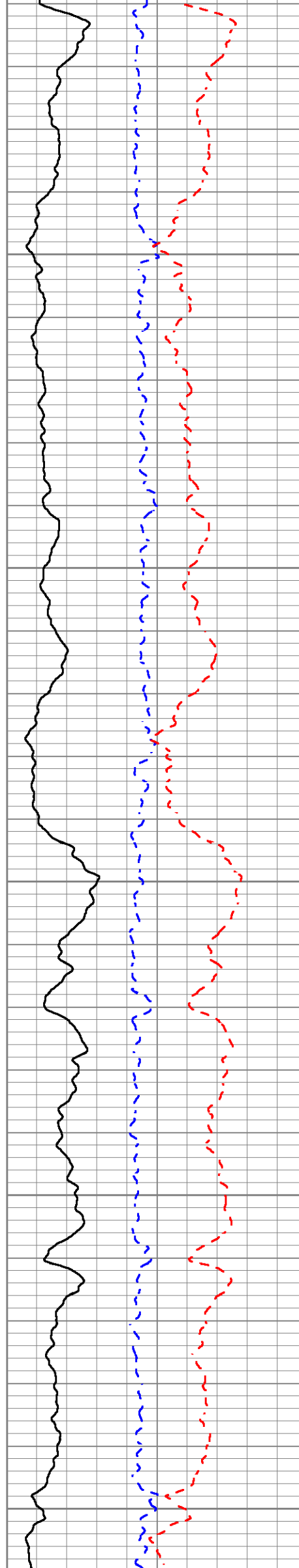
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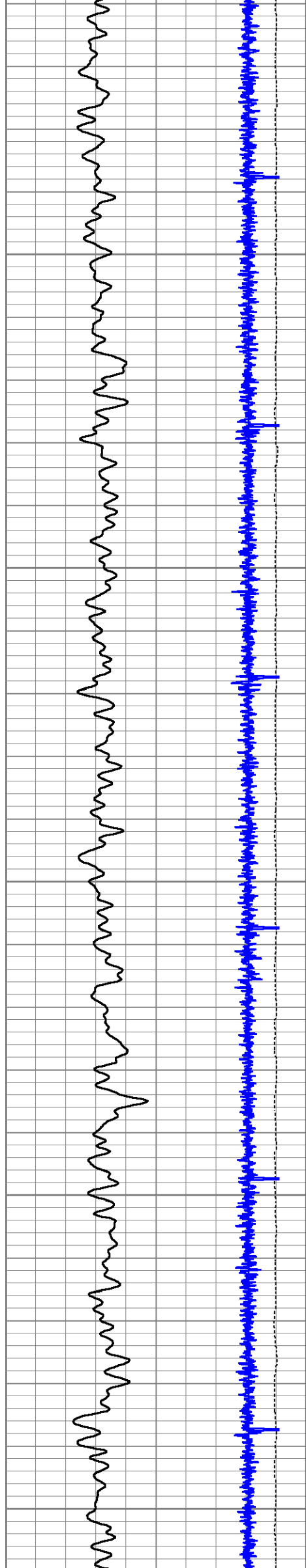
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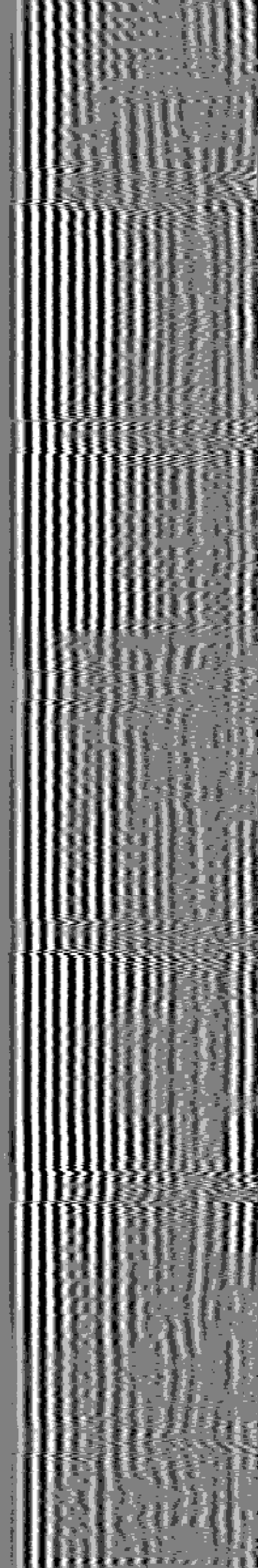
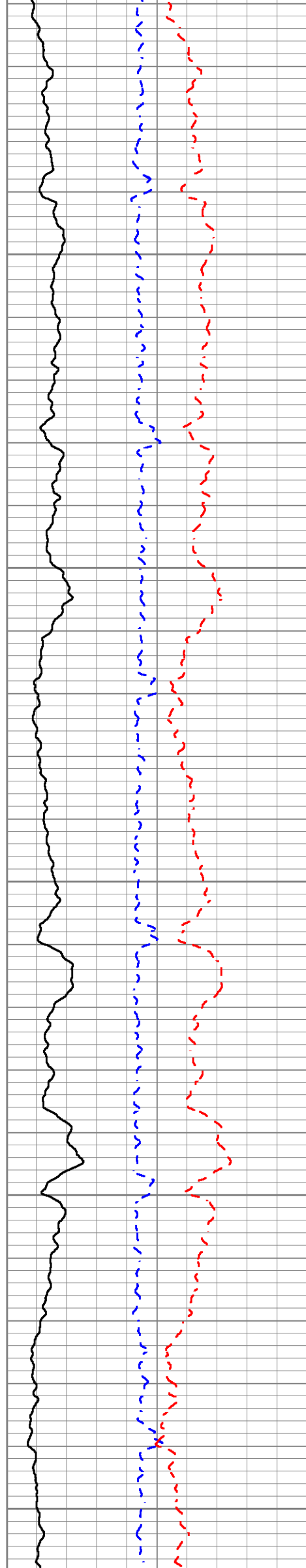
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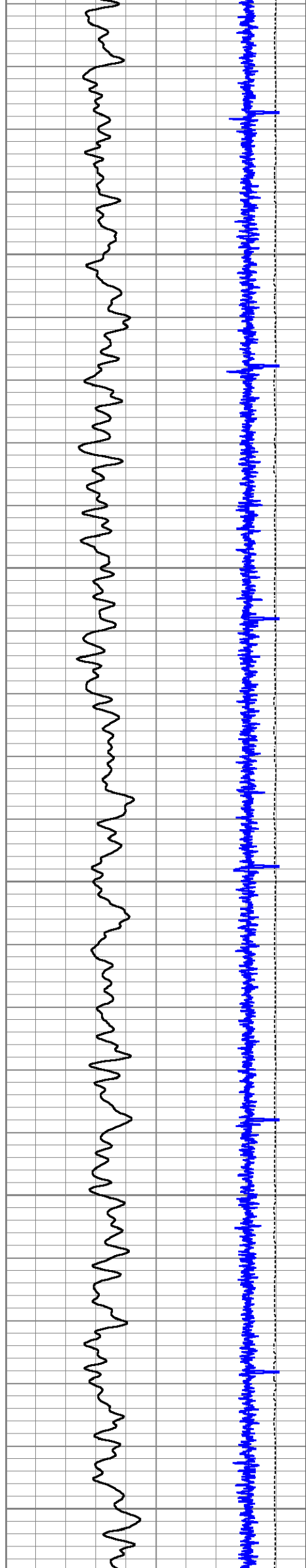
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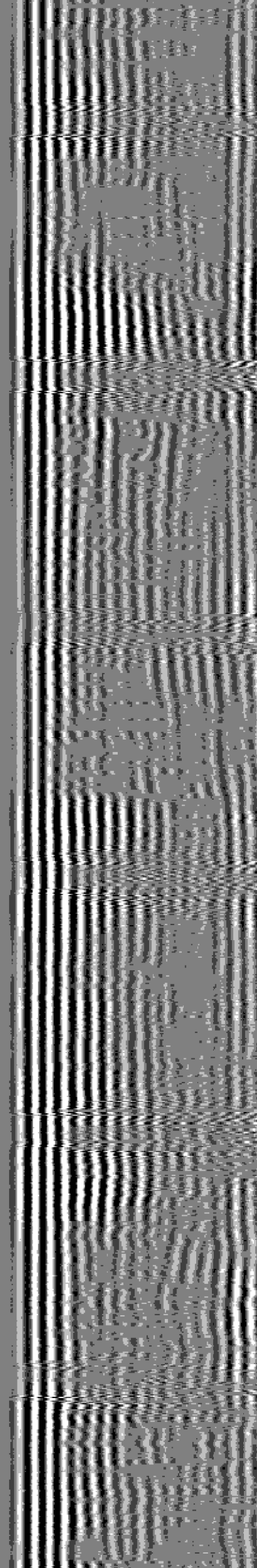
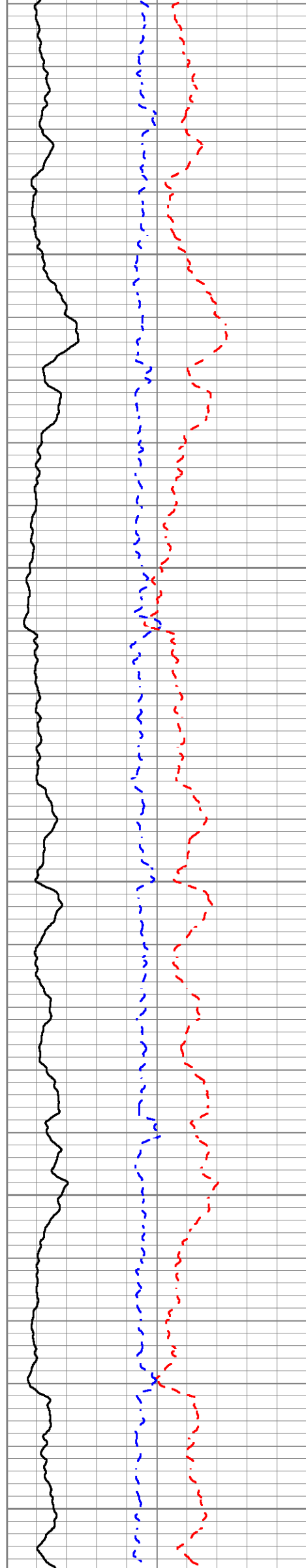
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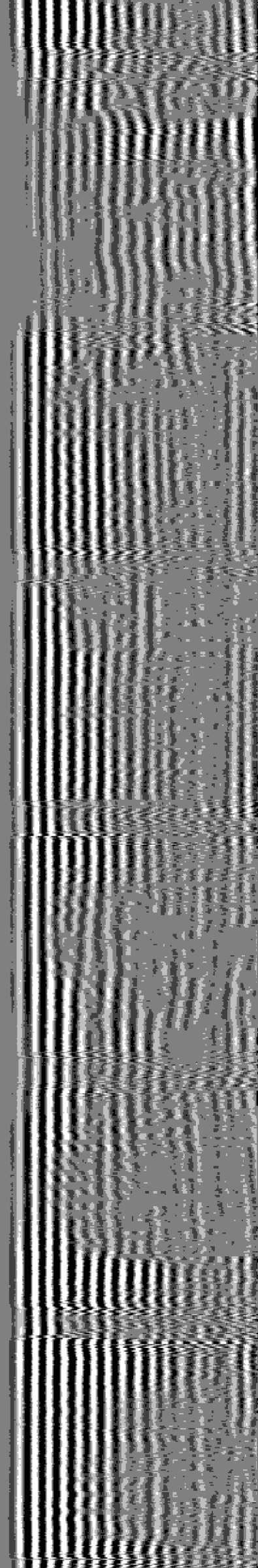
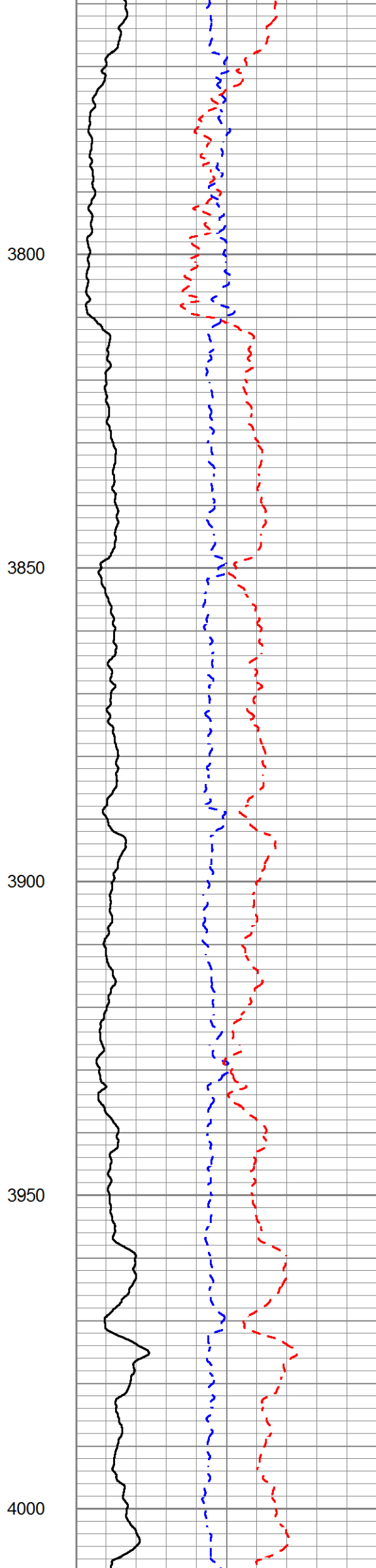
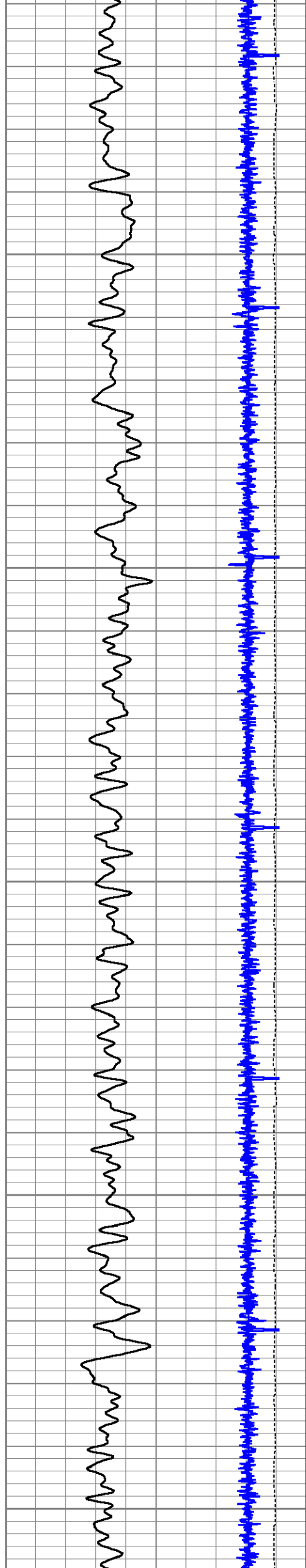
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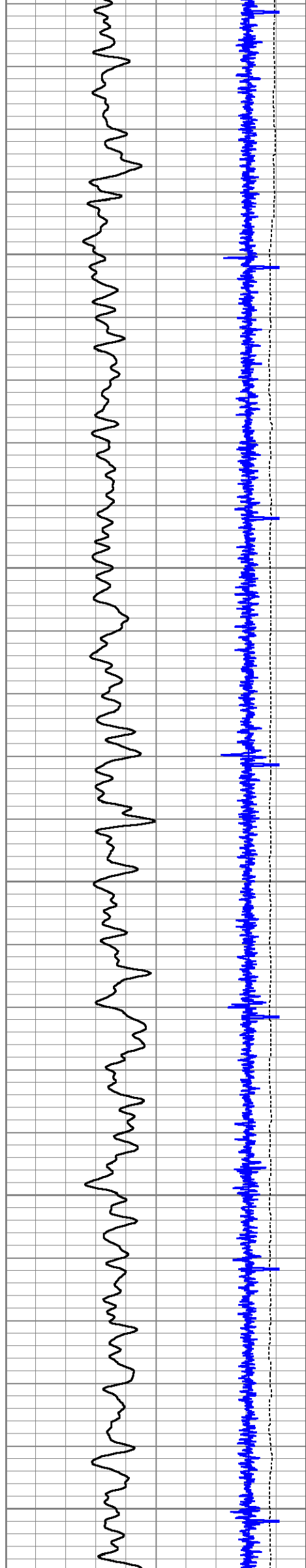
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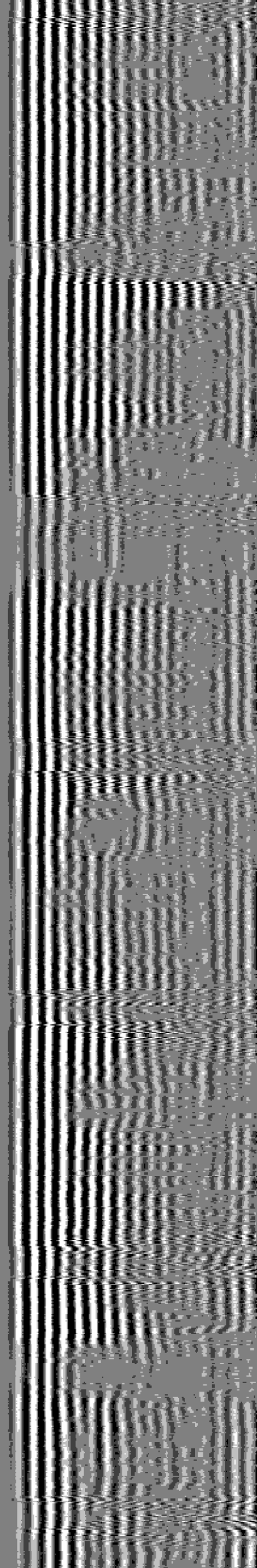
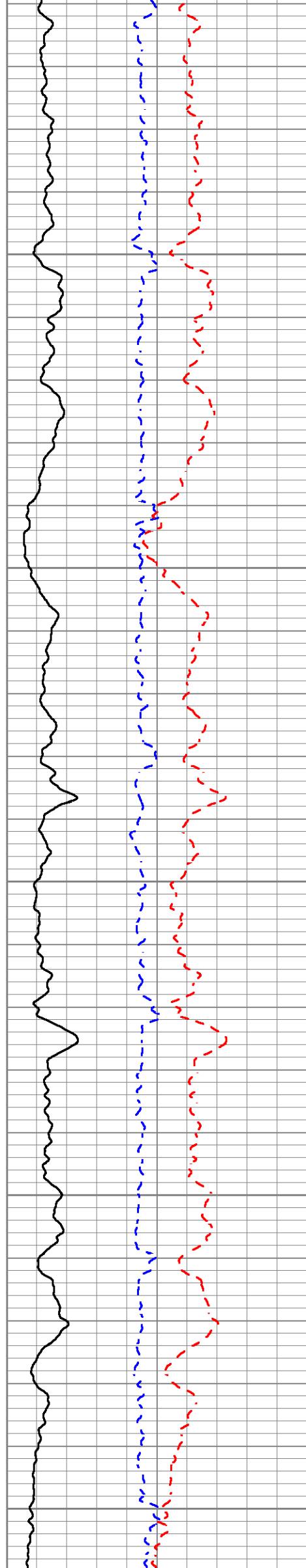
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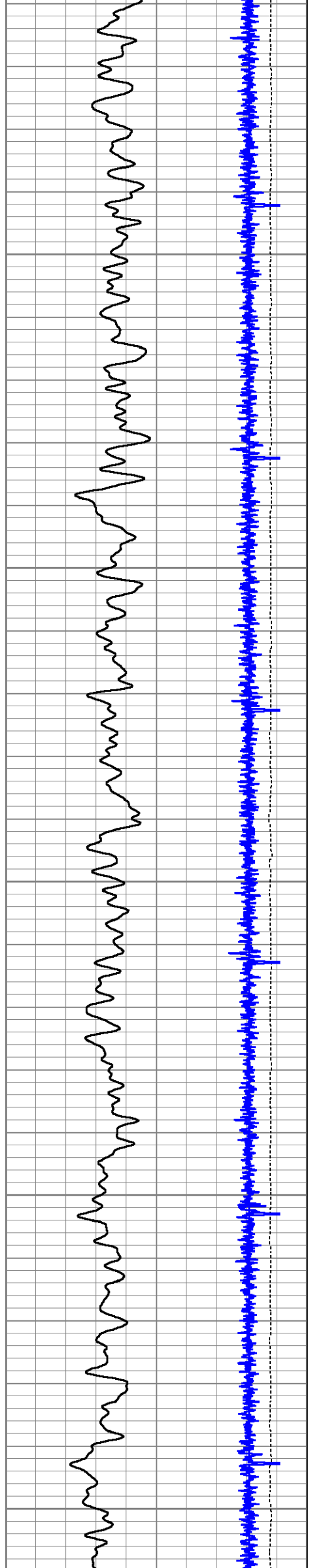
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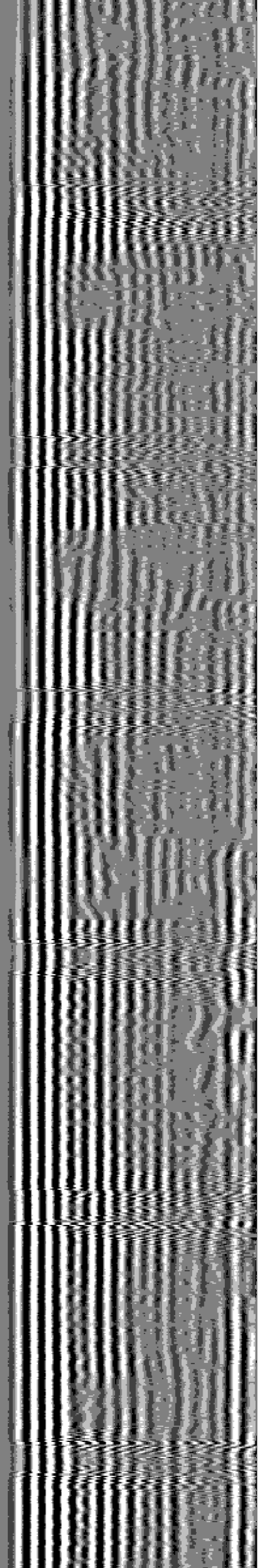
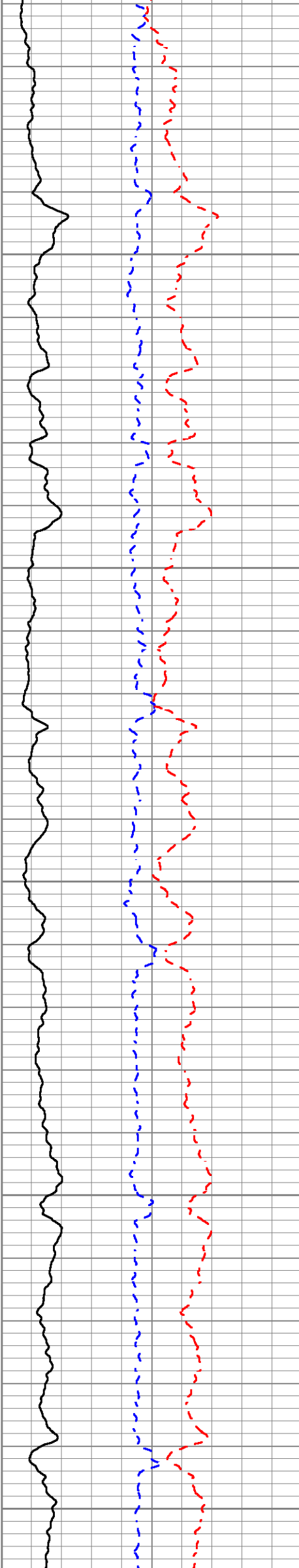
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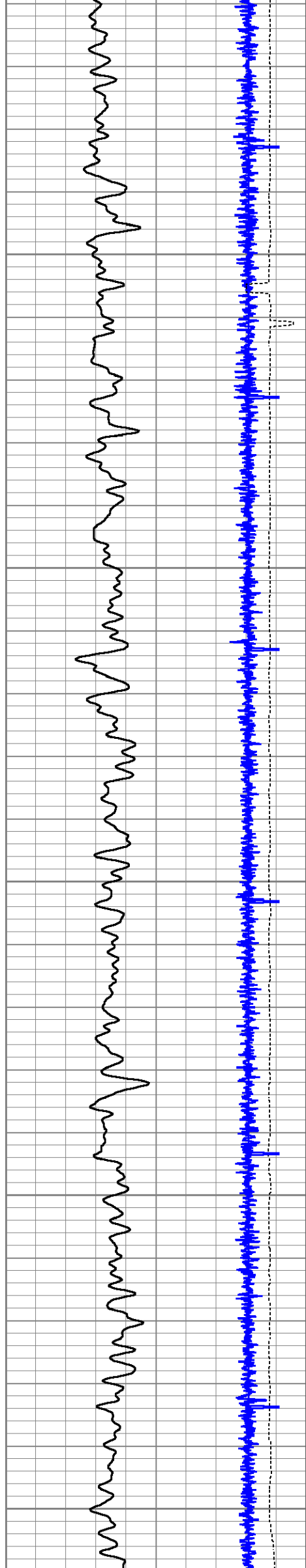
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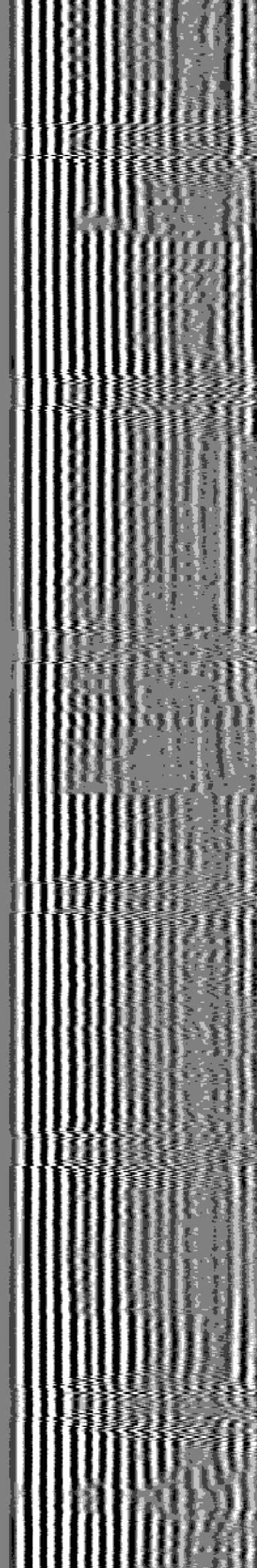
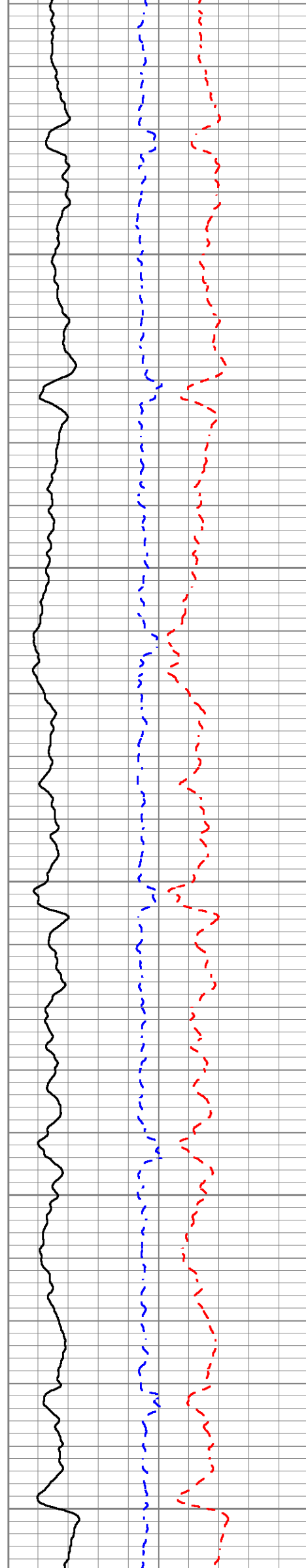
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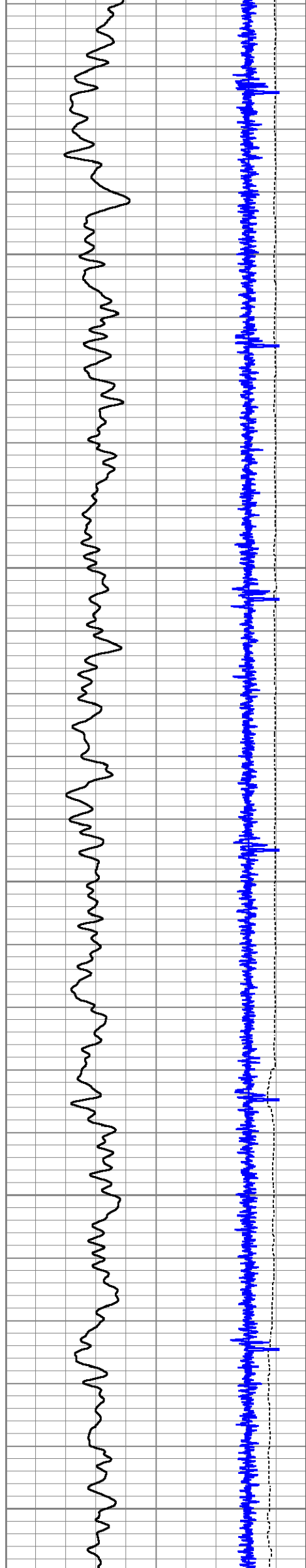
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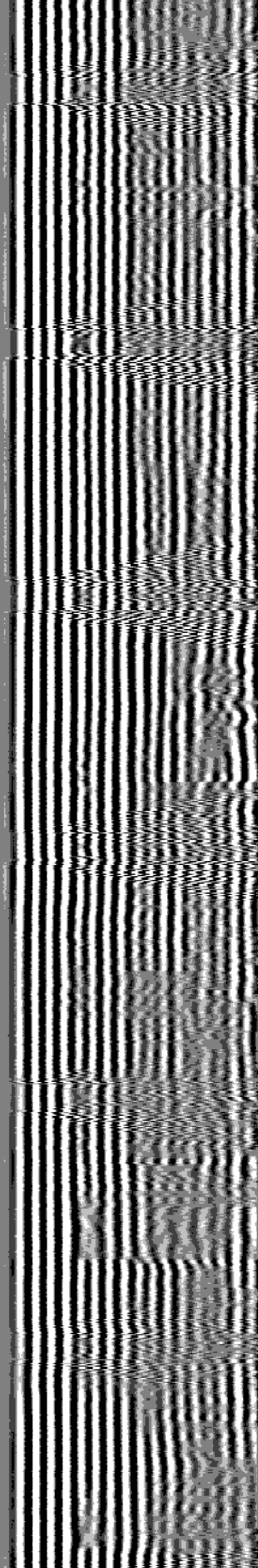
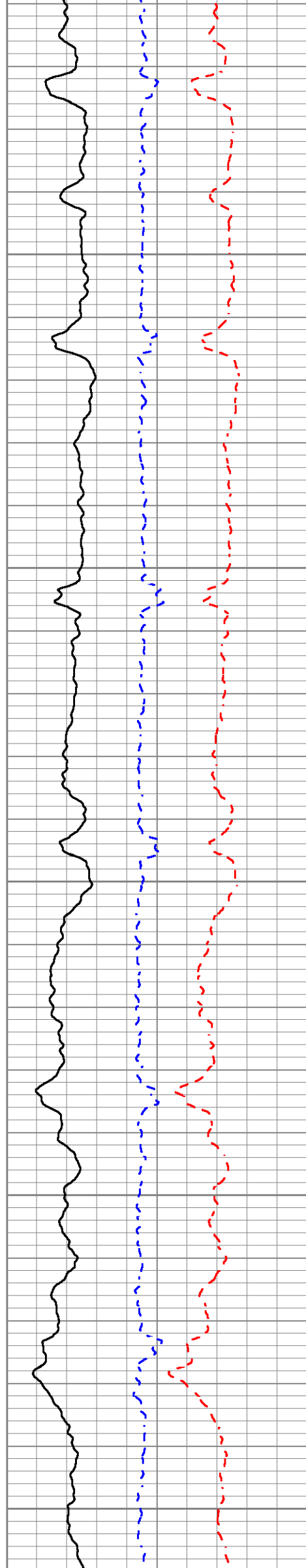
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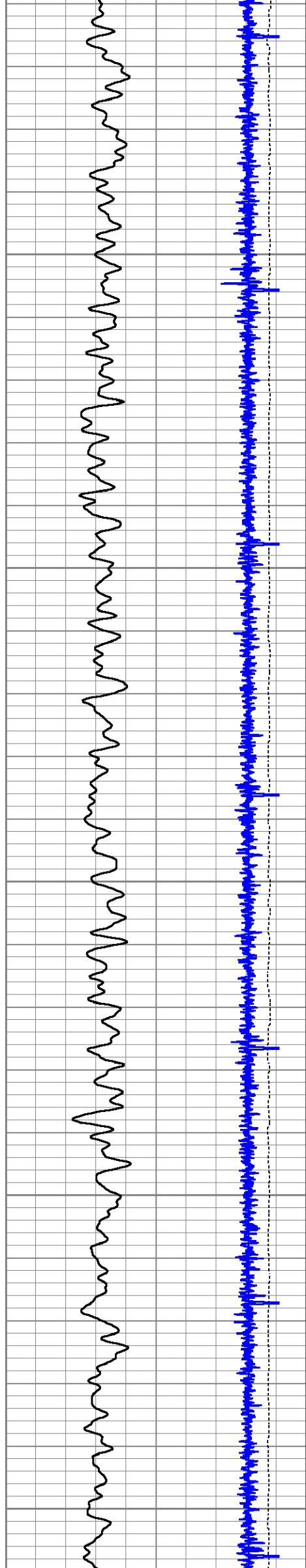
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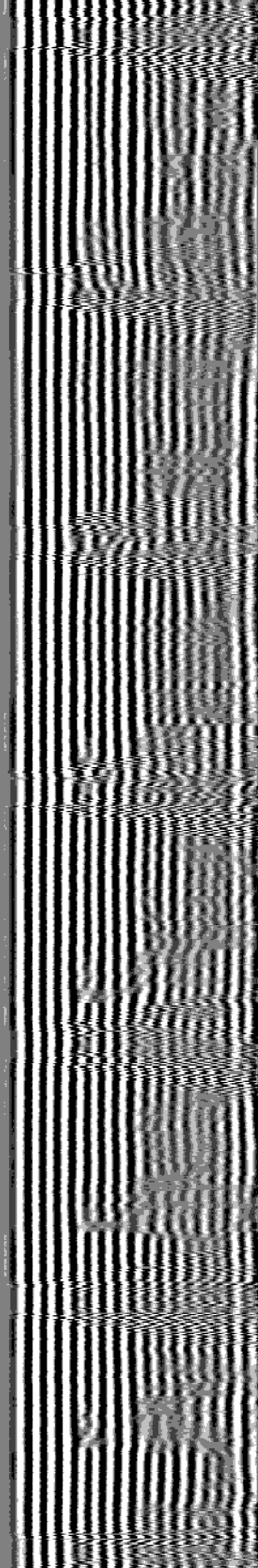
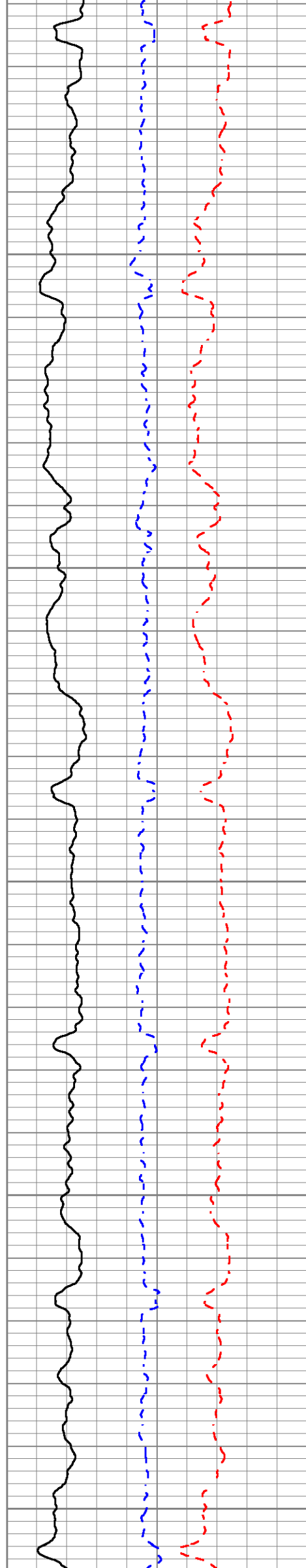
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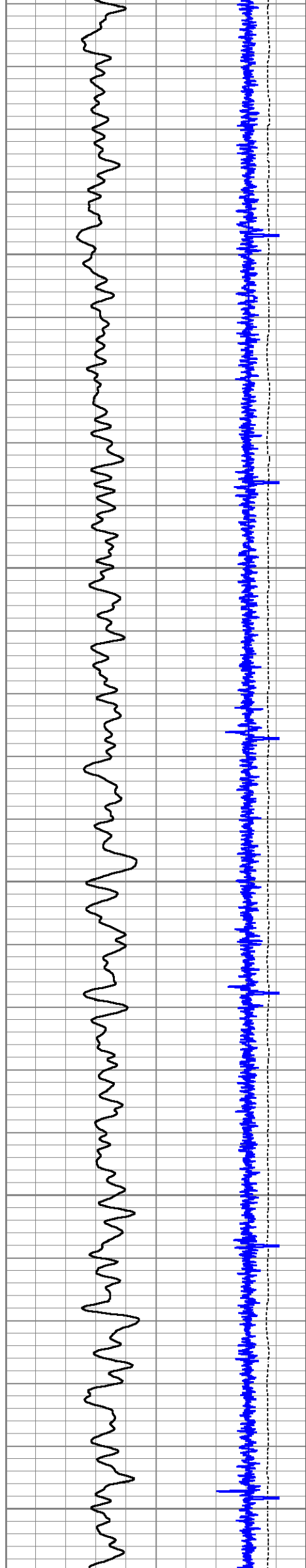
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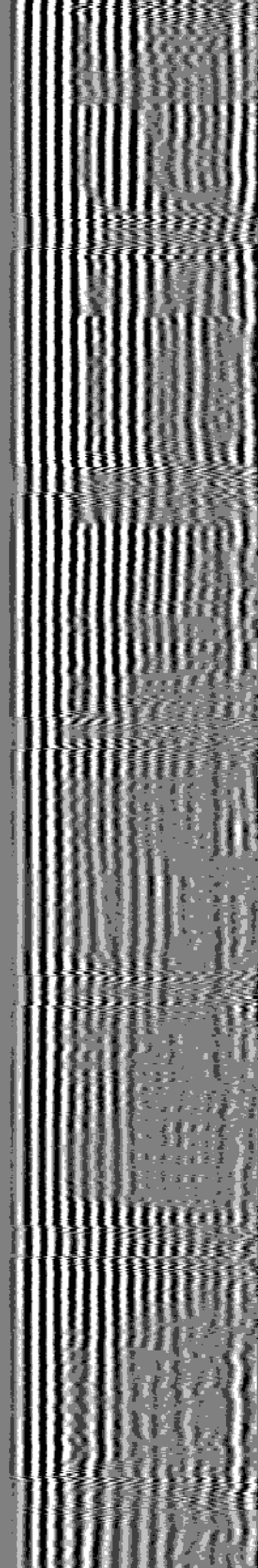
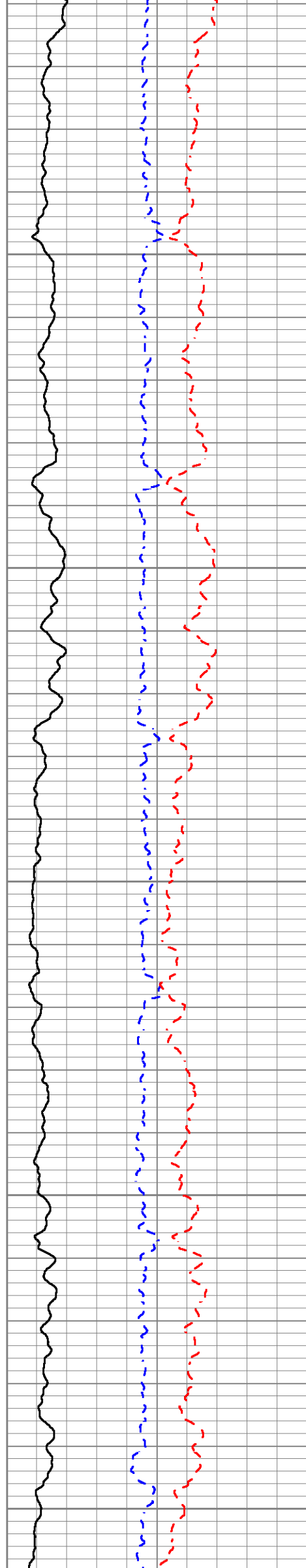
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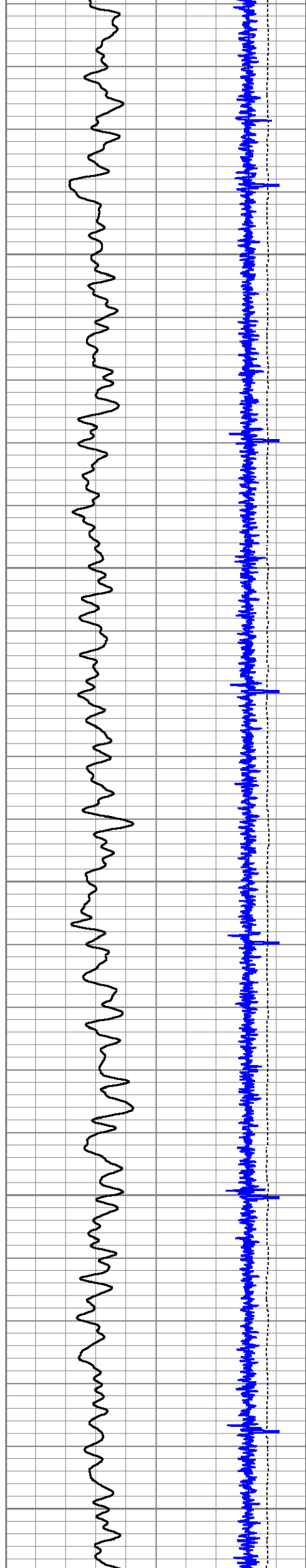
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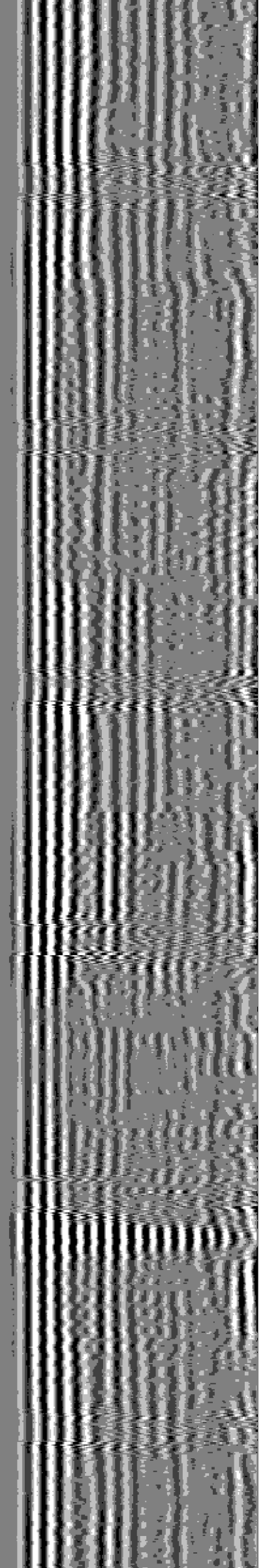
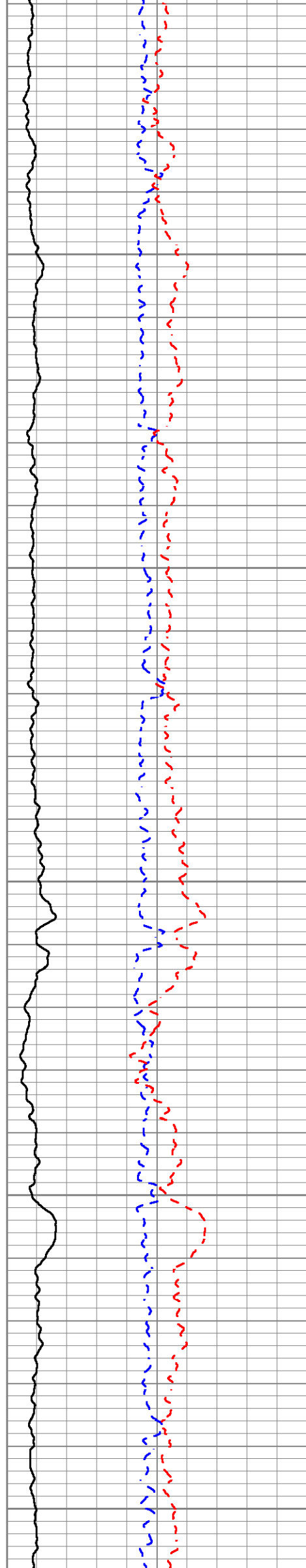
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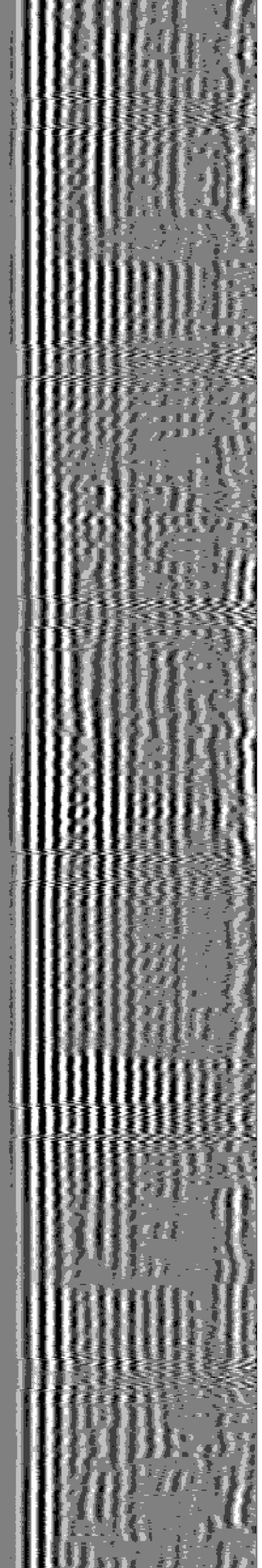
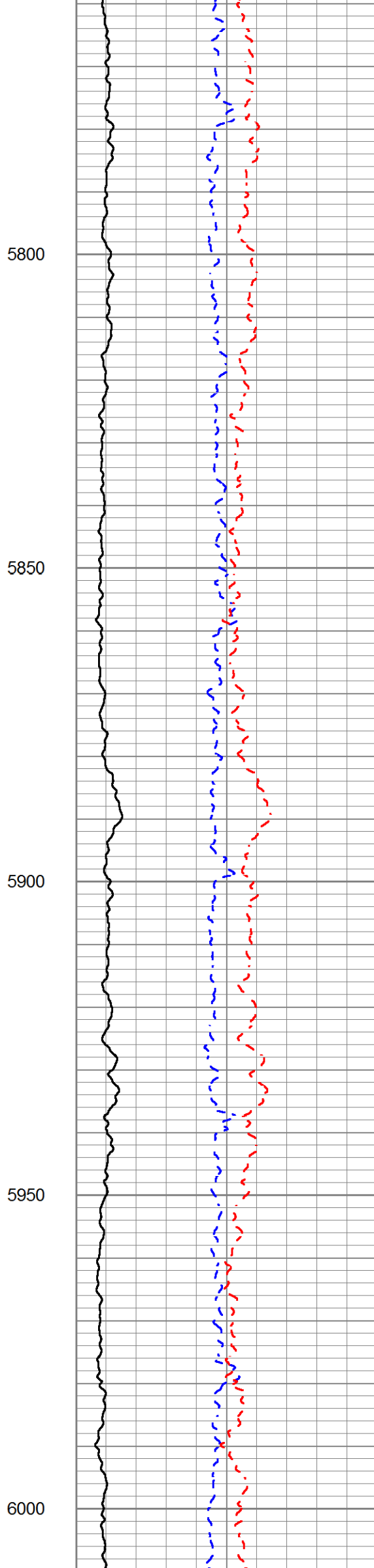
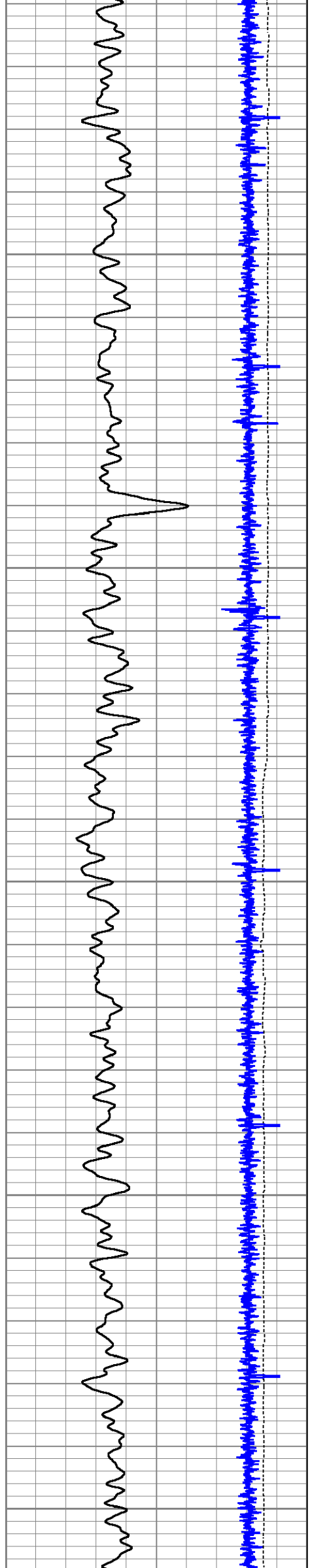
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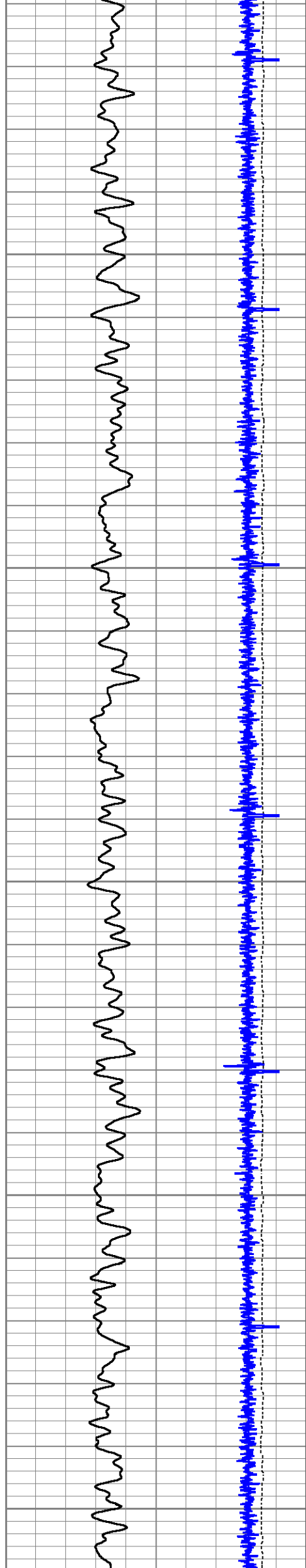
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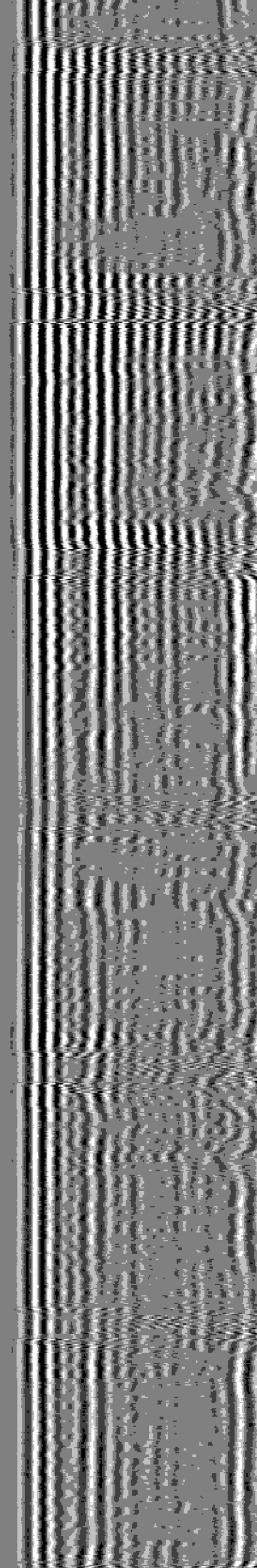
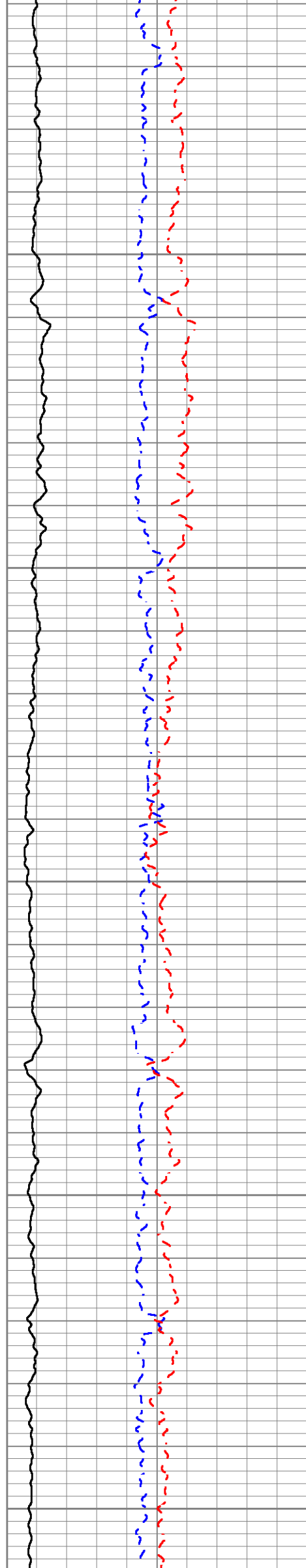
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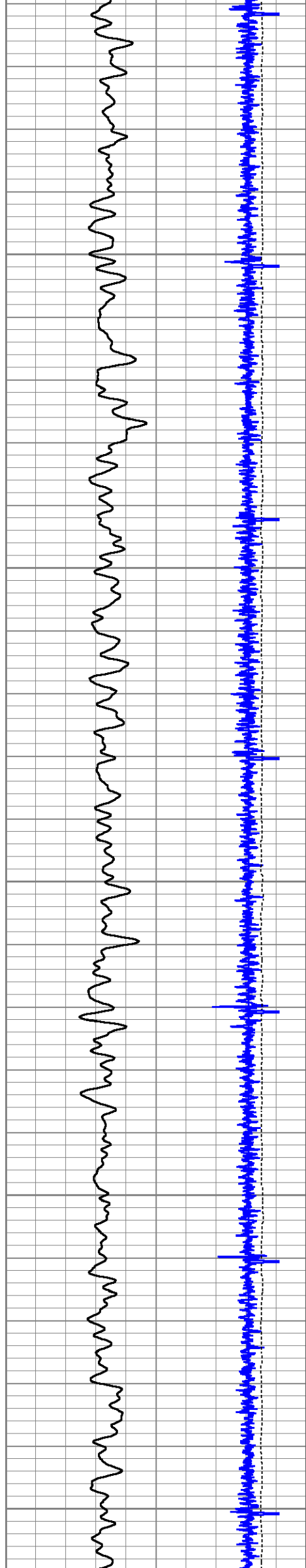
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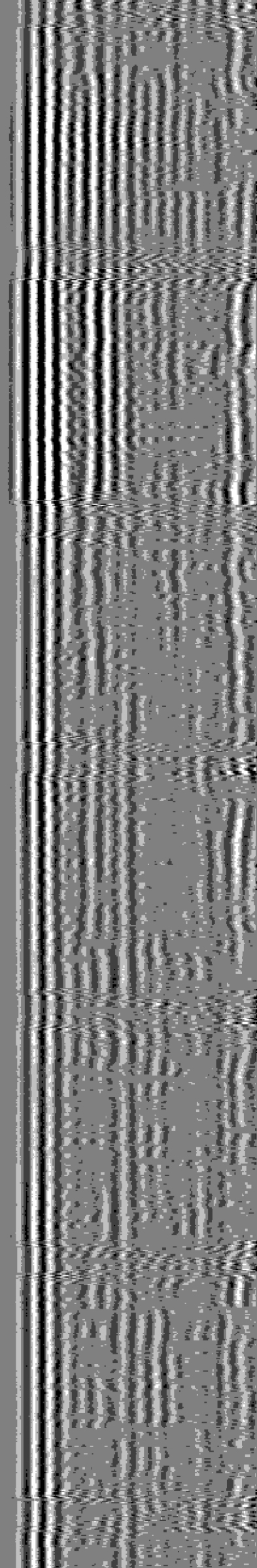
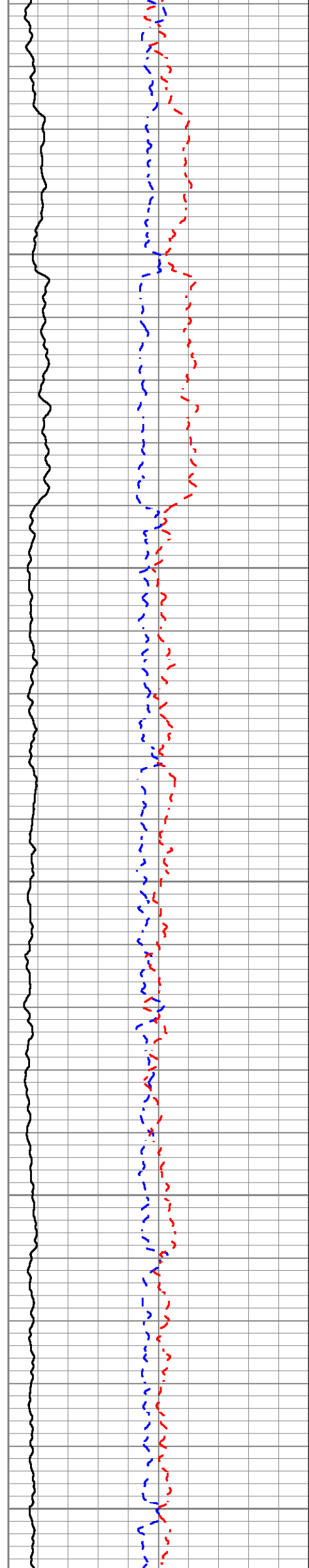
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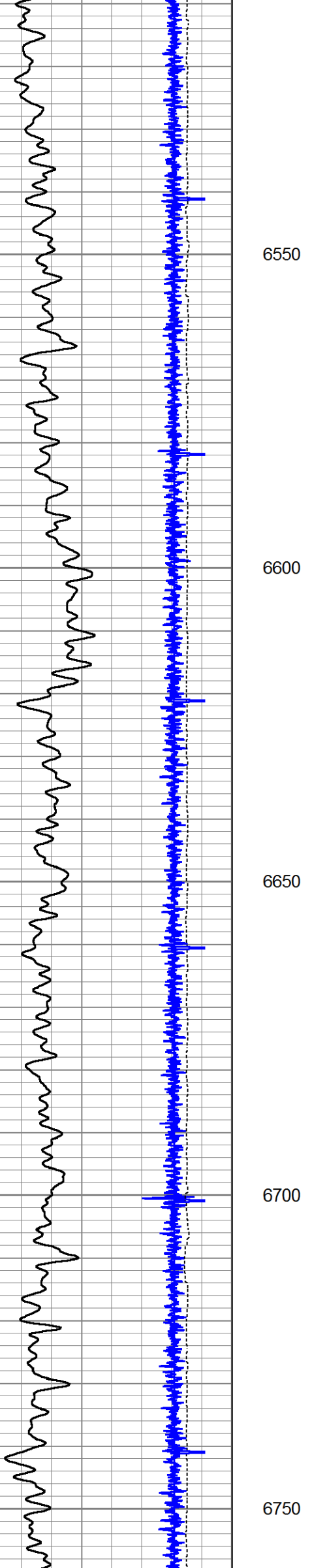
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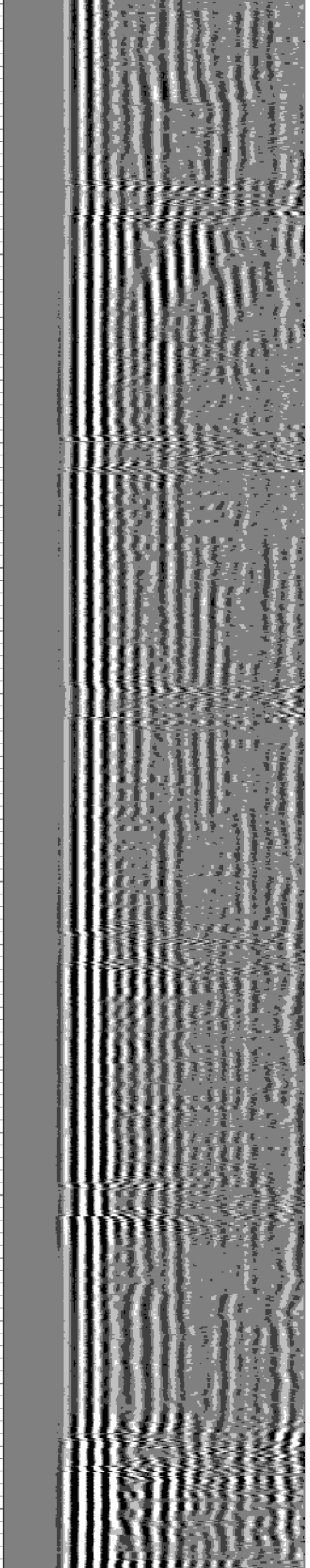
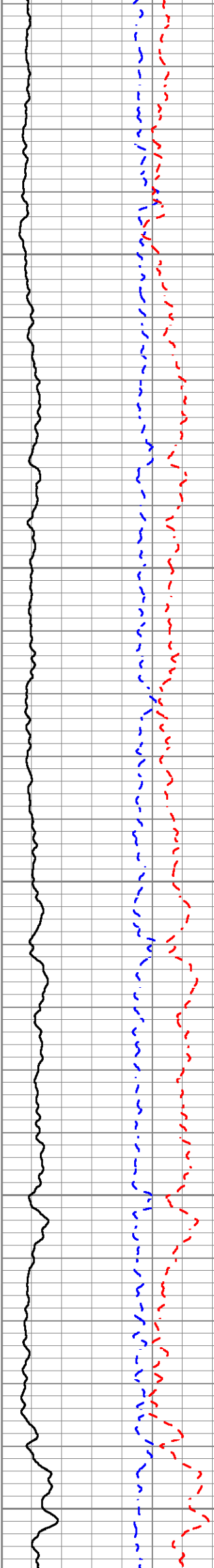
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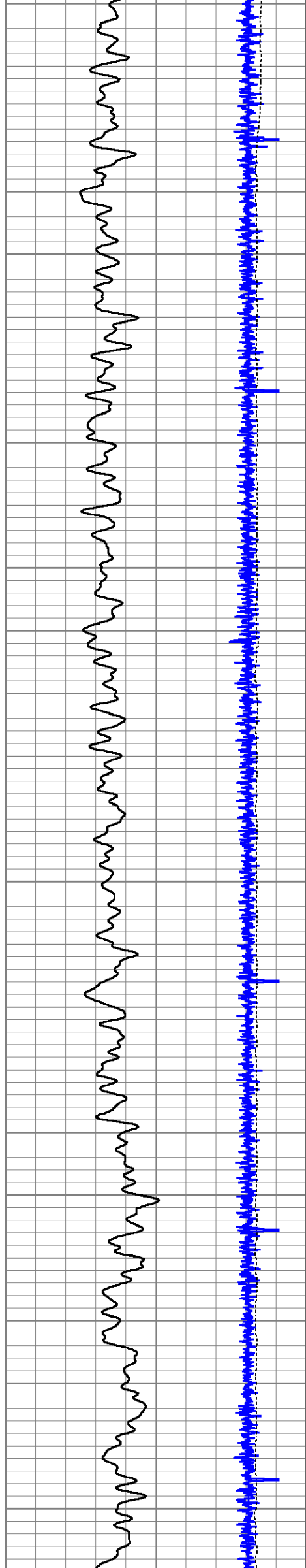
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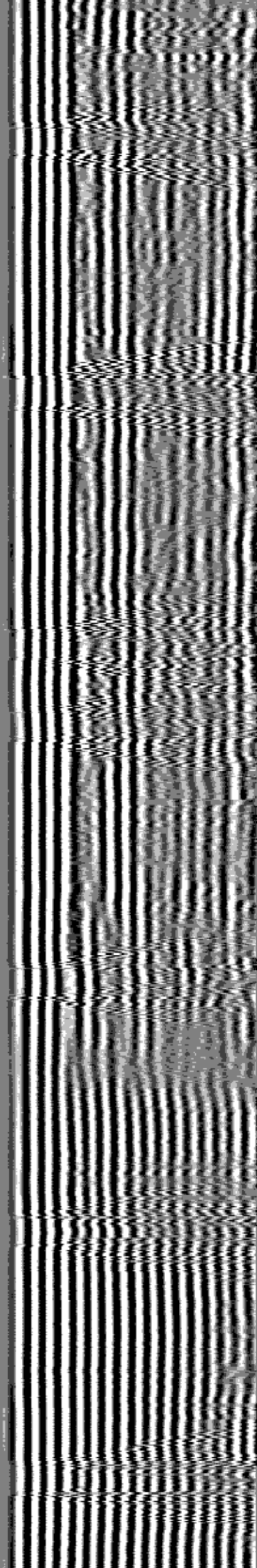
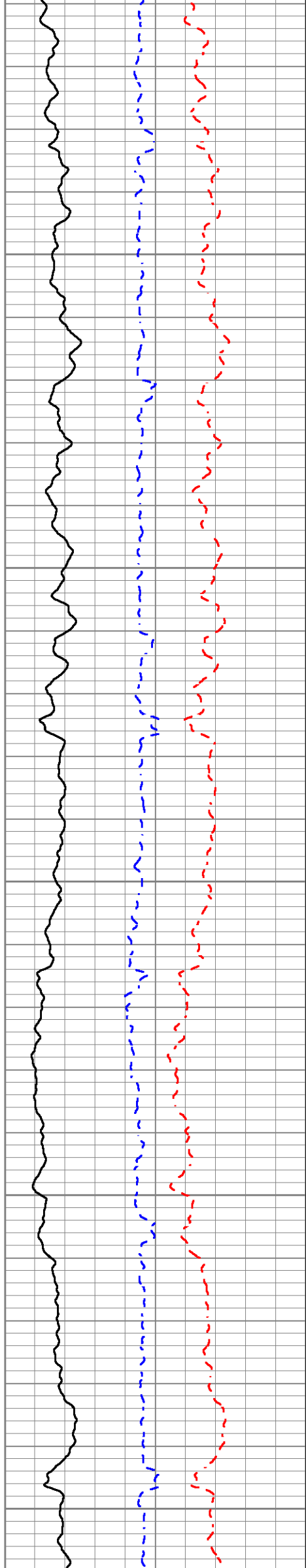
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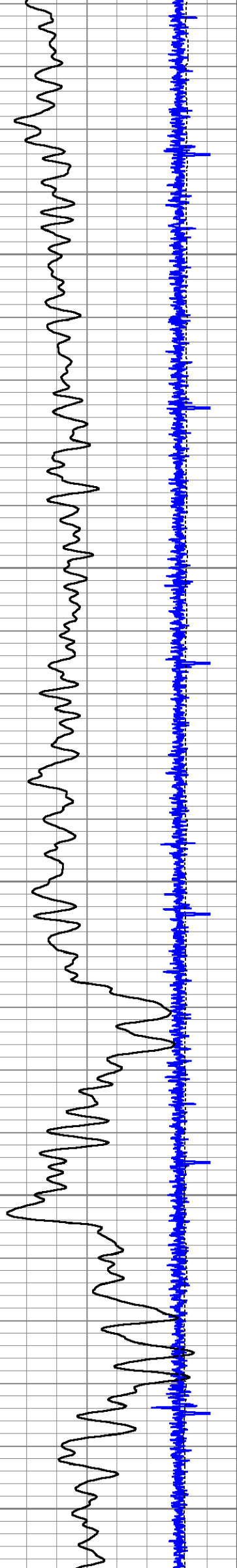
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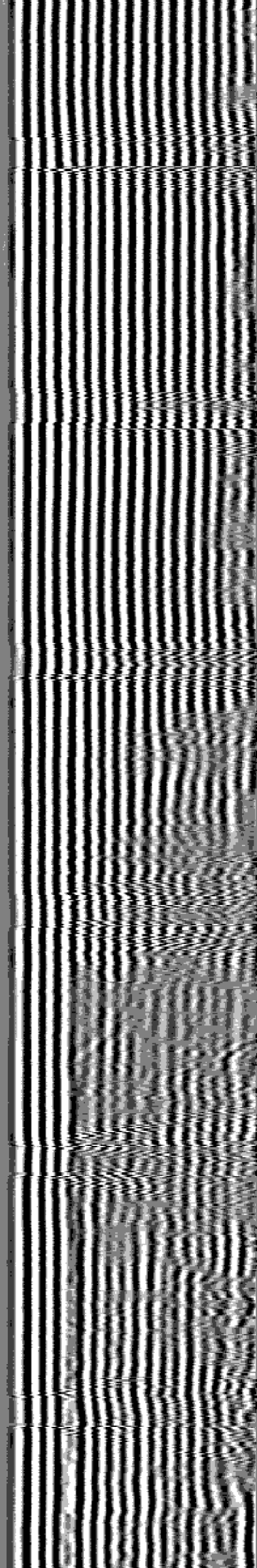
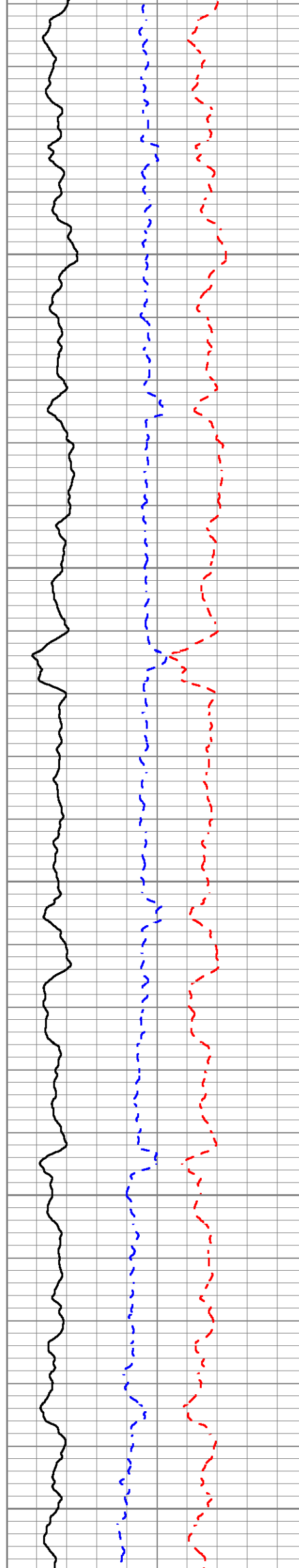
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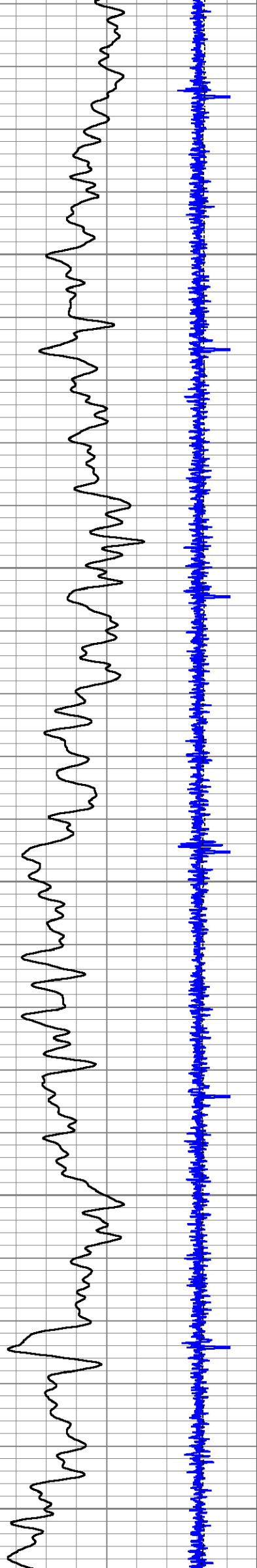
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7200

7250





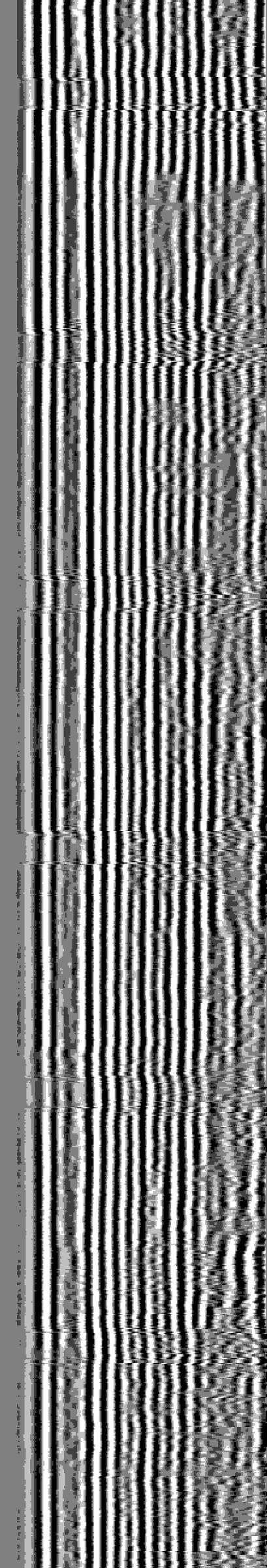
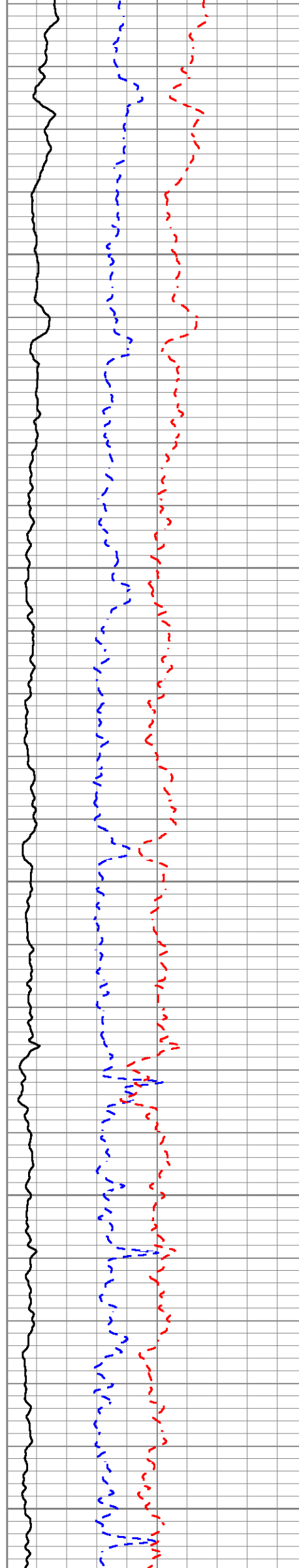
7300

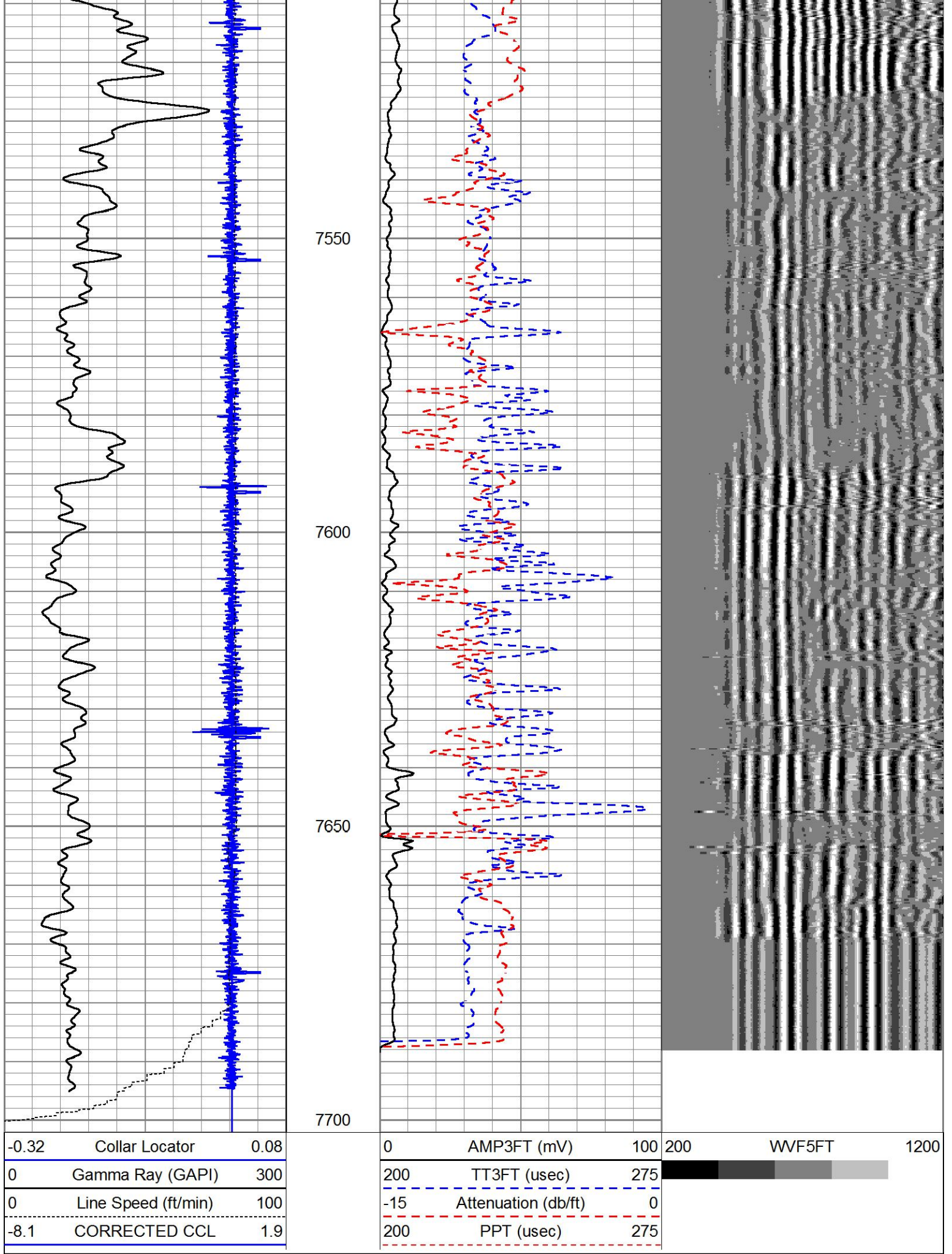
7350

7400

7450

7500





MAIN PASS

**HALLIBURTON**

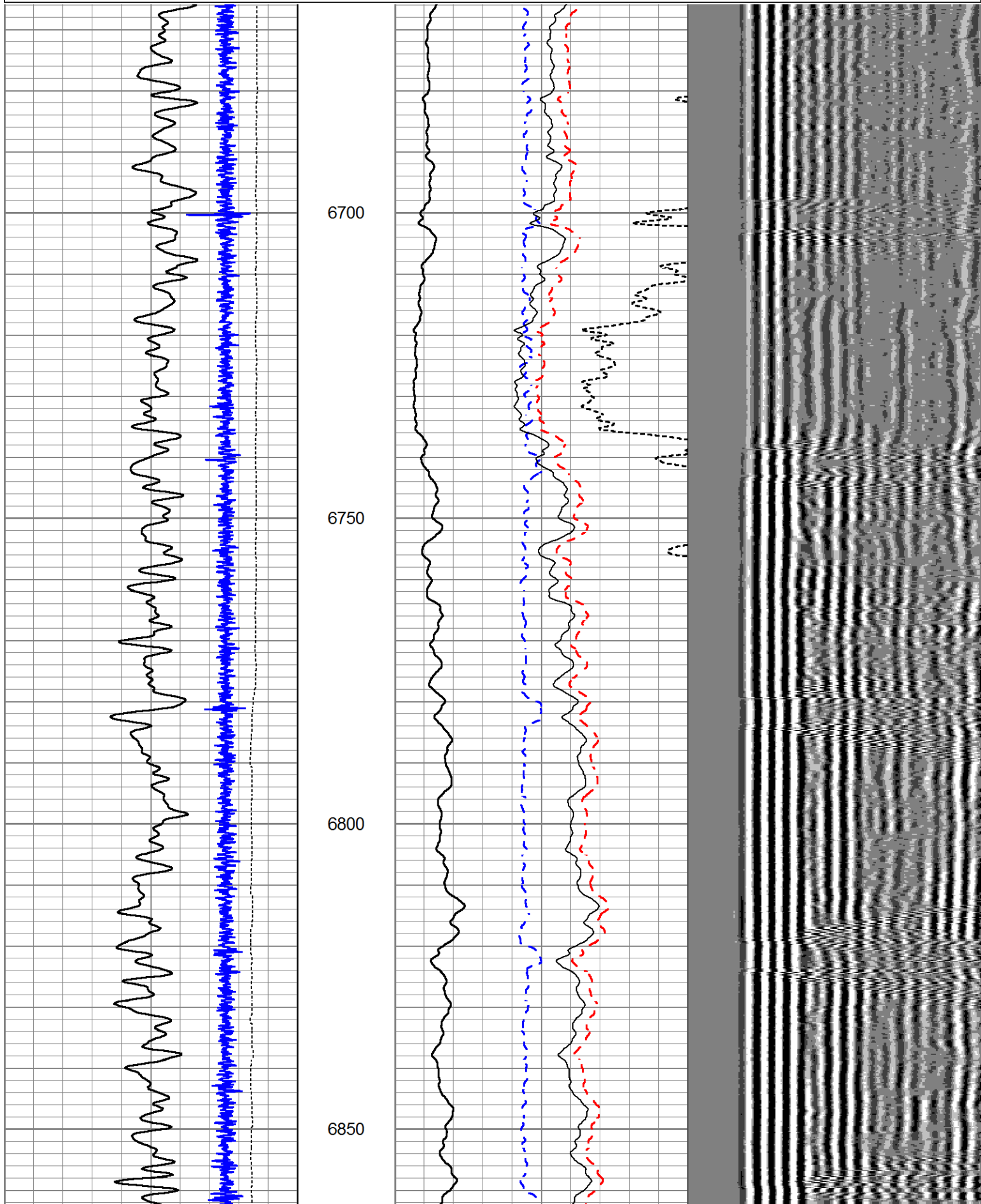
5" = 100'

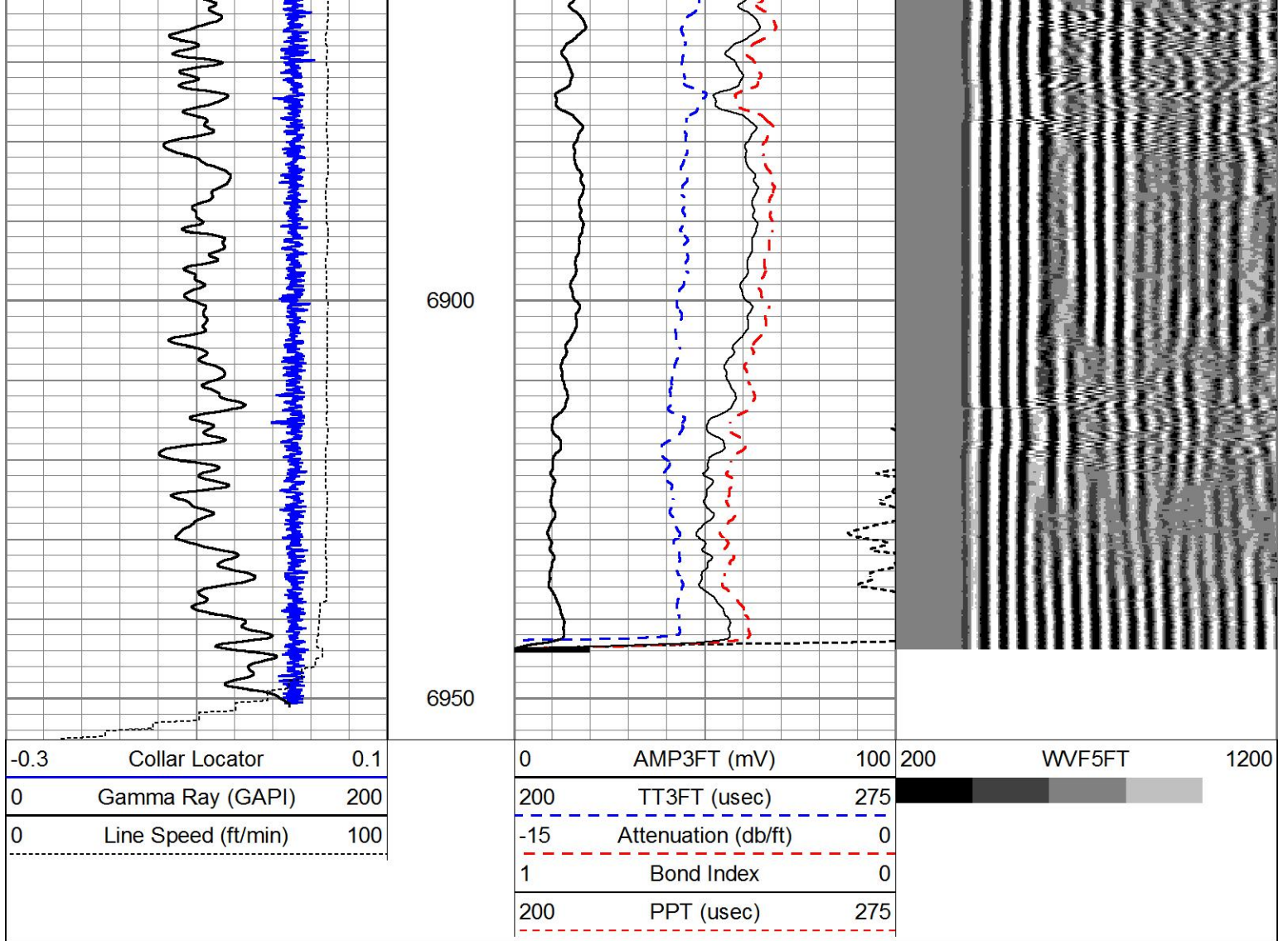
REPEAT PASS

**HALLIBURTON**

Database File confluence buford 33-9-4l.db  
 Dataset Pathname RPT1  
 Presentation Format cbl\_dr  
 Dataset Creation Thu Nov 30 11:52:37 2017  
 Charted by Depth in Feet scaled 1:240

-0.3	Collar Locator	0.1	0	AMP3FT (mV)	100	200	WVF5FT	1200
0	Gamma Ray (GAPI)	200	200	TT3FT (usec)	275			
0	Line Speed (ft/min)	100	-15	Attenuation (db/ft)	0			
			1	Bond Index	0			
			200	PPT (usec)	275			





**HALLIBURTON**

**REPEAT PASS**

5" = 100'

### Log Variables

Database: C:\ProgramData\Warrrior\Data\confluence buford 33-9-4l.db  
 Dataset field/well/run1/MAIN/\_vars\_

#### Top - Bottom

BHTEMP_Src	BITSIZE	BOTTEMP	CASEOD	CASETHCK	CASEWGHT	MAXAMPL	MINAMPL
TEMP	in	degF	in	in	lb/ft	mV	mV
	7.875	200	5.5	0.361	20	72	1
MINATTN	MudWgt	PERFS	PPT	SRFTEMP	TDEPTH		
db/ft	lb/gal		usec	degF	ft		
0.8	8.5	0	0	40	8000		

#### Calibration Report

Database File confluence buford 33-9-4l.db  
 Dataset Pathname MAIN  
 Dataset Creation Thu Nov 30 11:59:58 2017

#### Temperature Calibration Report

Serial Number: 0001  
 Tool Model: 1.375TEMP  
 Performed: Fri Jul 05 02:18:21 1996

	Reference	Reading
Low Reference:	0.00 degF	0.00 cps
High Reference:	1.00 degF	1.00 cps

Gain: 0.10

Offset: 0.00  
Delta Spacing 1

Gamma Ray Calibration Report

Serial Number: 10000001  
 Tool Model: Probe  
 Performed: (Not Performed)

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps  
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 00000001  
 Tool Model: Probe

Calibration Casing Diameter: 5.500 in  
 Calibration Depth: 551.400 ft

Master Calibration, performed Thu Nov 30 11:25:32 2017:


	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3' CAL	0.000	0.509	0.000	72.000	141.323	0.000
5' SUM	0.000	0.500	0.000	72.000	144.063	0.000
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

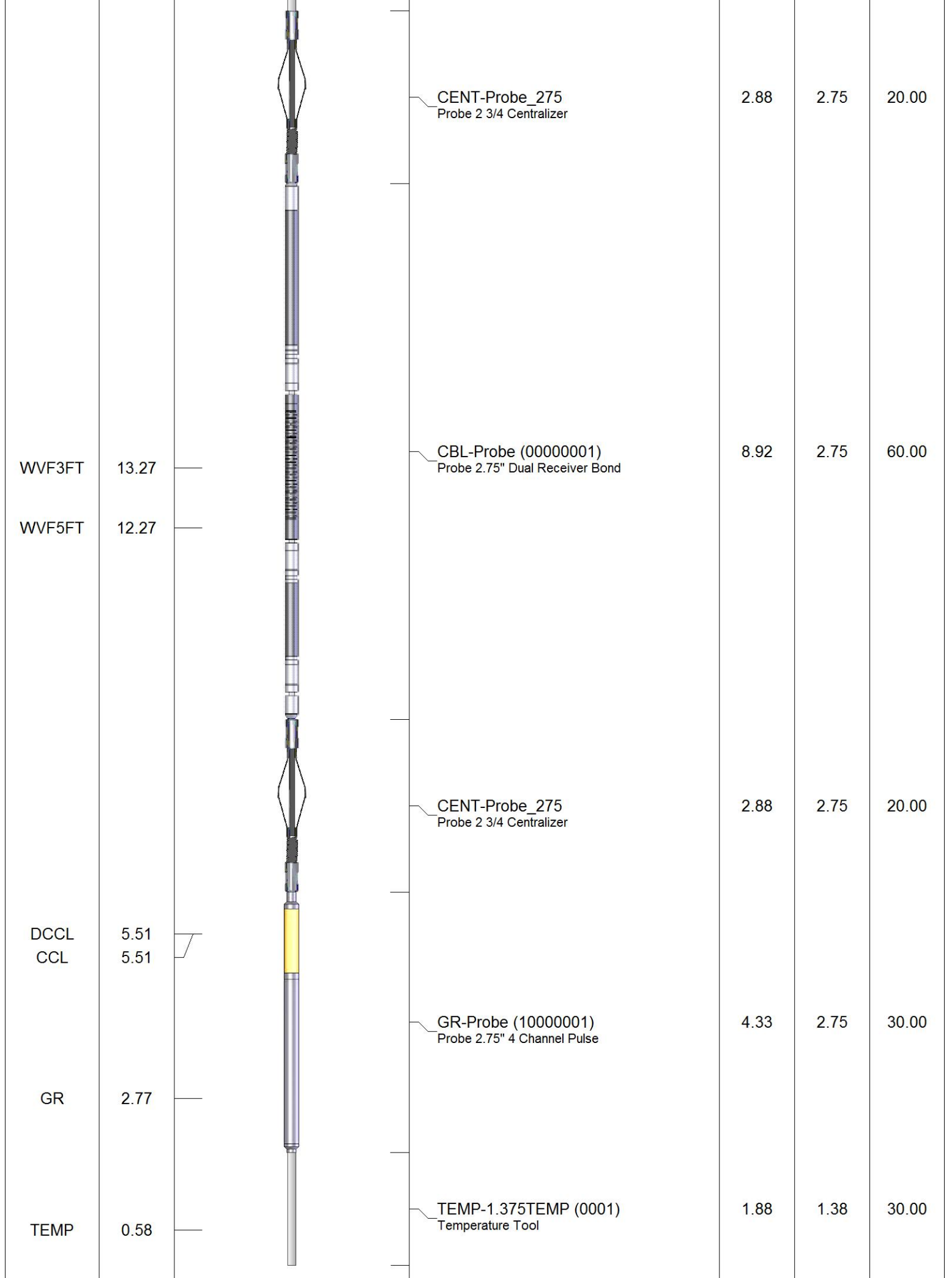
Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL						

Air Zero Calibration, performed Thu Nov 30 08:31:36 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			STNDCH-STND_CH 1.4375 IN CABLE HEAD	1.28	1.44	5.25



Dataset: confluence buford 33-9-4l.db: field/well/run1/MAIN  
 Total length: 22.16 ft  
 Total weight: 165.25 lb  
 O.D.: 2.75 in

Company CONFLUENCE DJ LLC  
 Well BLUFORD 33-9-4l

Well BOSTON 00 0 4L

Field WATTENBERG

County WELD State CO

**HALLIBURTON**

CEMENT BOND LOG