



No.	7926'	SURFACE	1000 PSI	100 FPM				
ONE								
	GAMMA		AMPLITUDE					
Pass	Scale		Scale		Scale		Scale	
No.	L	R	L	R	L	R	L	L
	0	300	0	100				
DIRECTIONAL INFORMATION								
Maximum Deviation			deg. @		KOP			

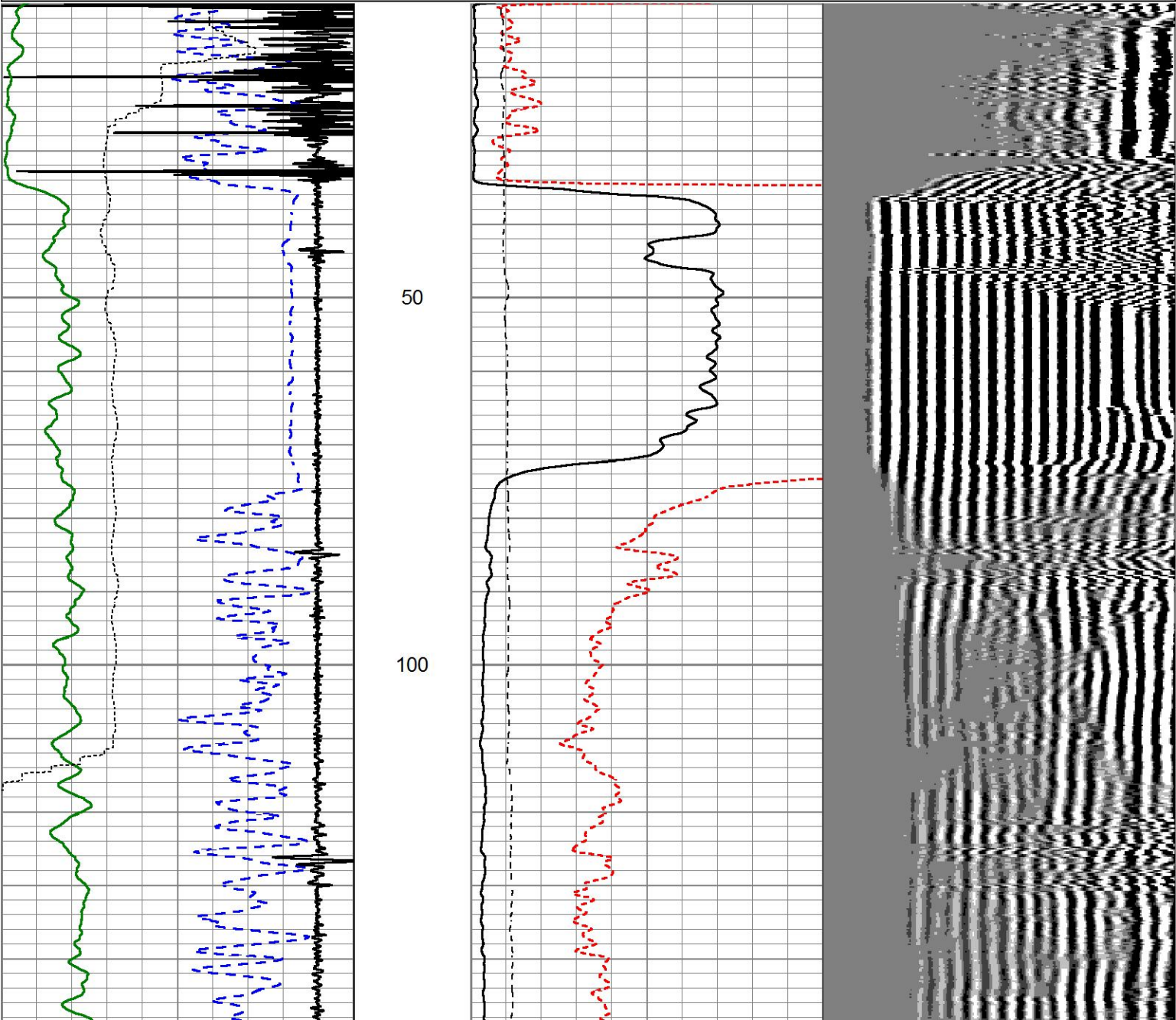
MAIN PASS

HALLIBURTON

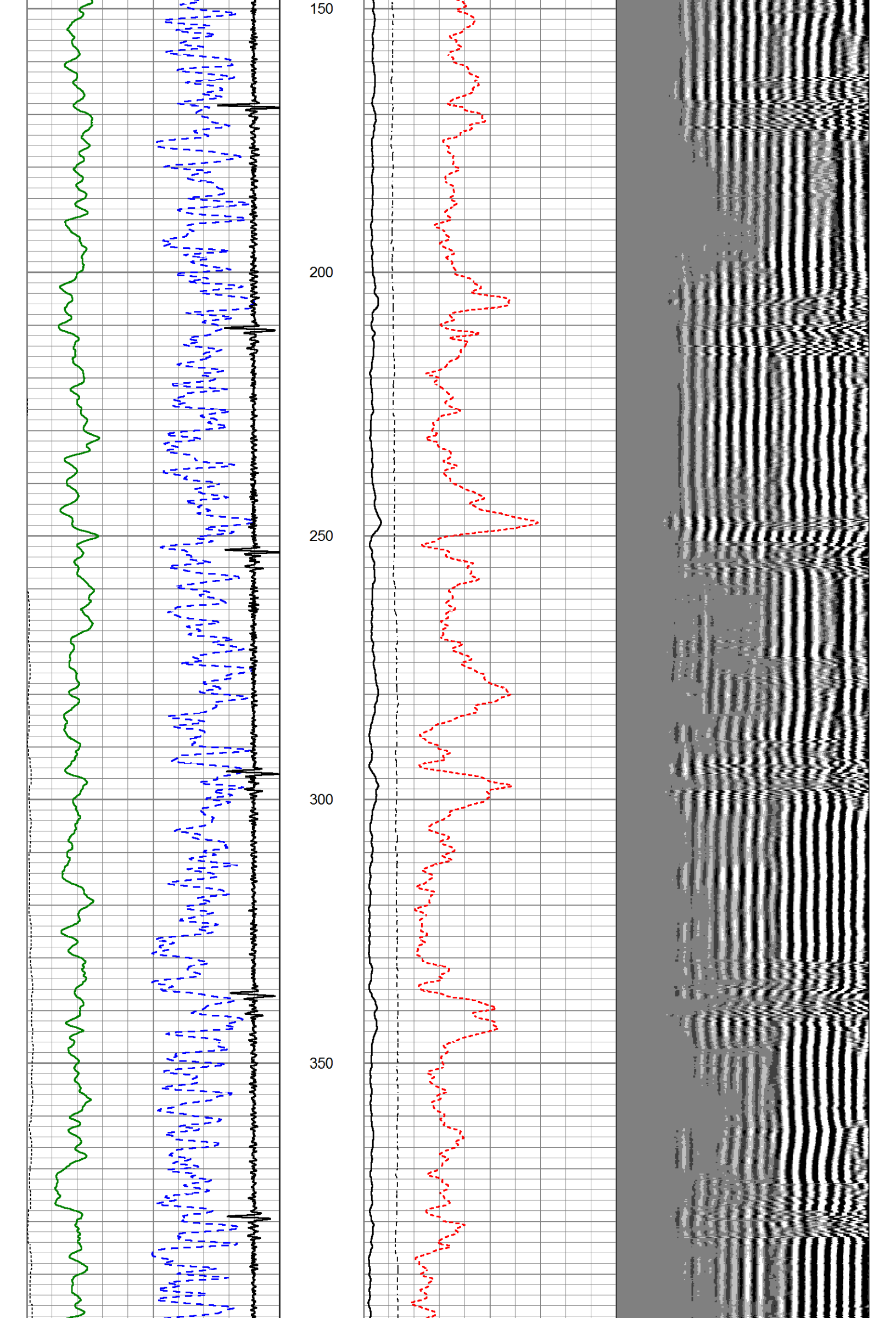
5" = 100'

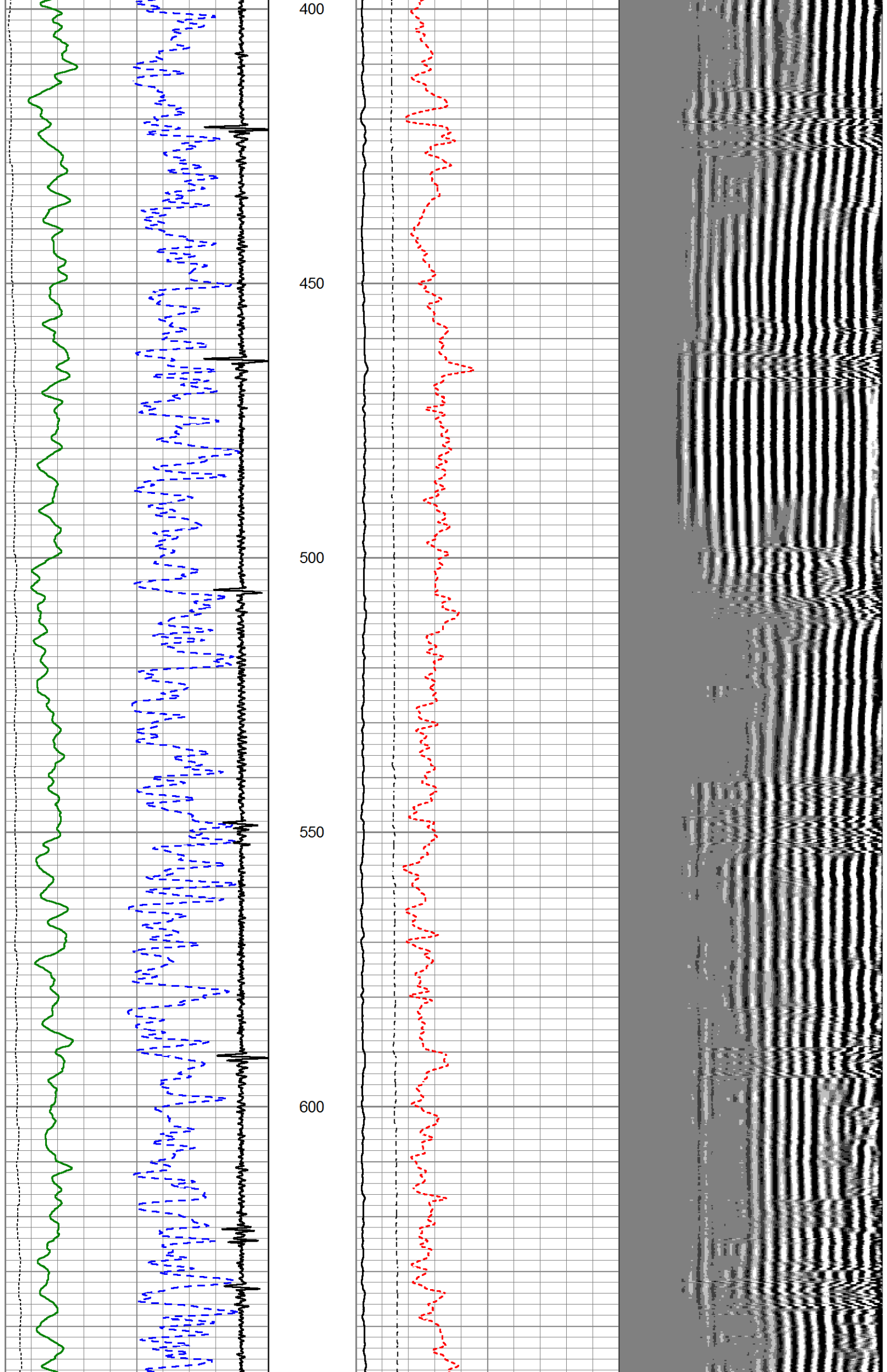
Database File true\_ouray\_5-64\_15-16-1bhz.db  
Dataset Pathname MAIN\_PASS  
Presentation Format cbl\_dr  
Dataset Creation Wed Aug 15 12:37:38 2018  
Charted by Depth in Feet scaled 1:240

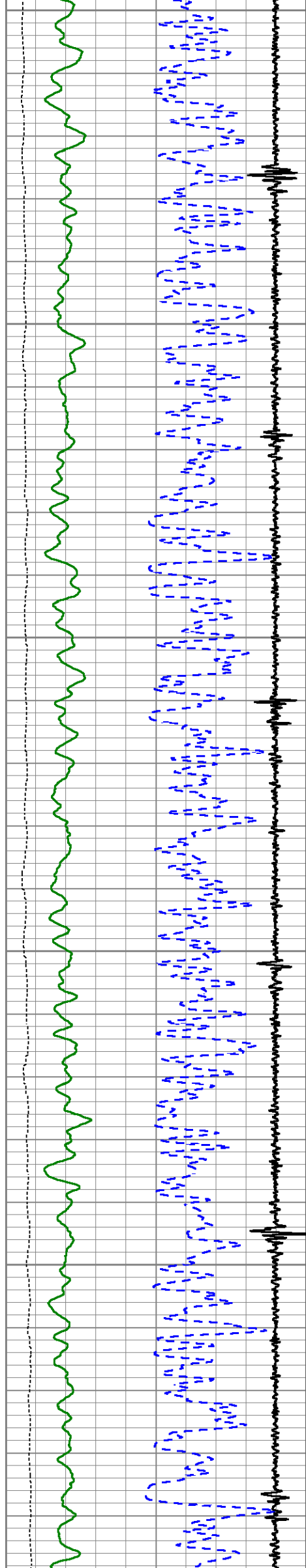
350	TT3FT (usec)	200	0	AMP3FT (mV)	10	200	WVF5FT (usec)	1200
9	Collar Locator	-1	0	AMP3FT (mV)	100			
0	Gamma Ray (GAPI)	300	0	LTEN (lb)	2800			
100	Line Speed (ft/min)	0						











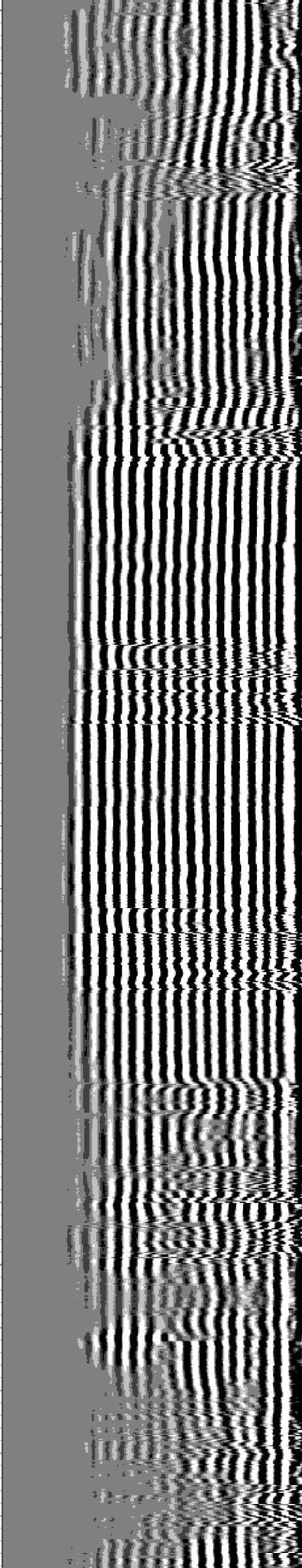
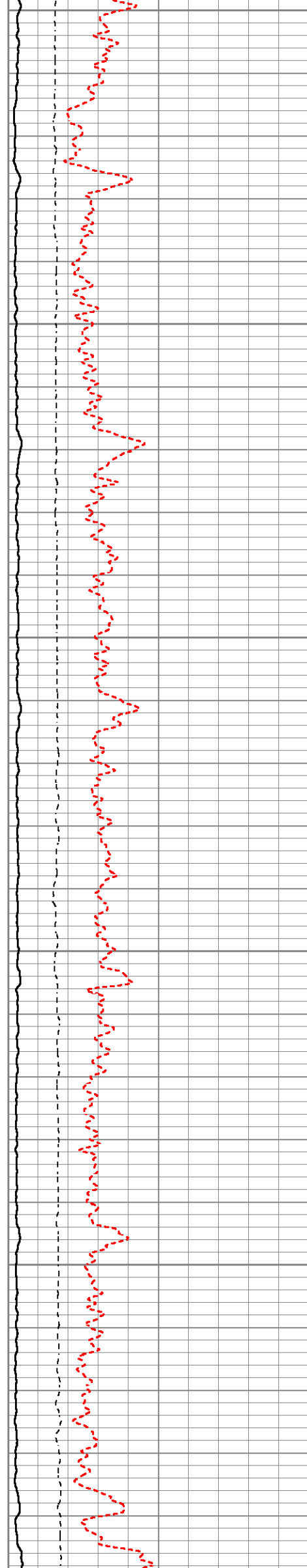
650

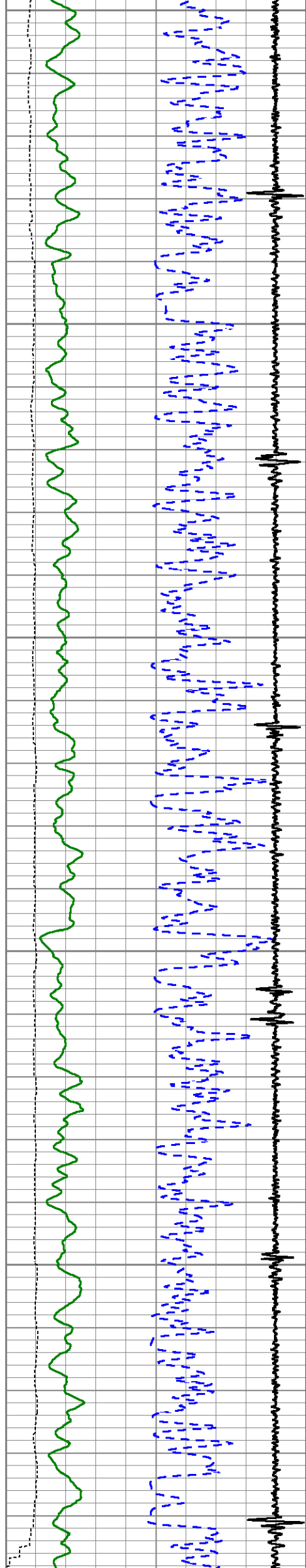
700

750

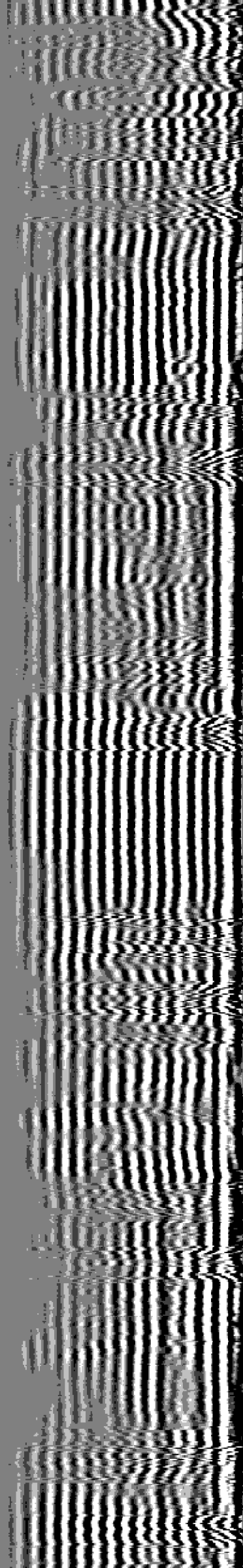
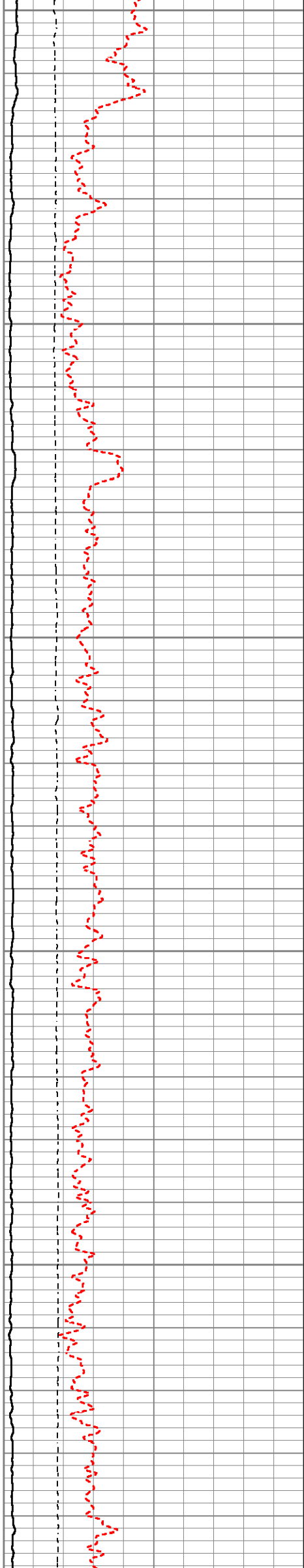
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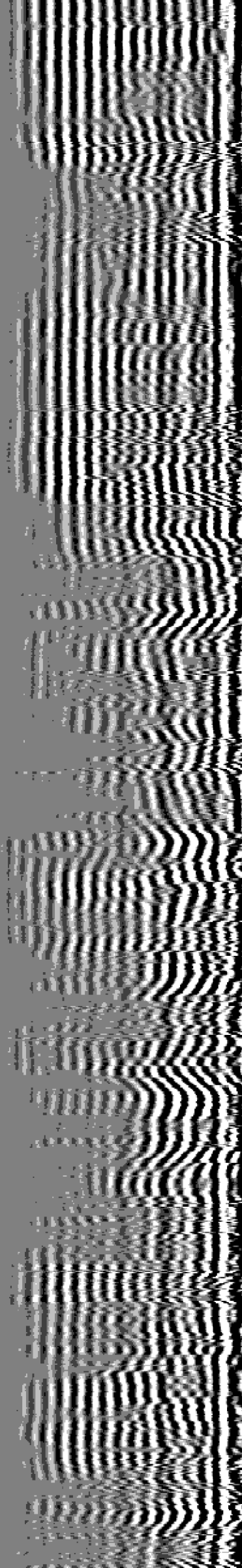
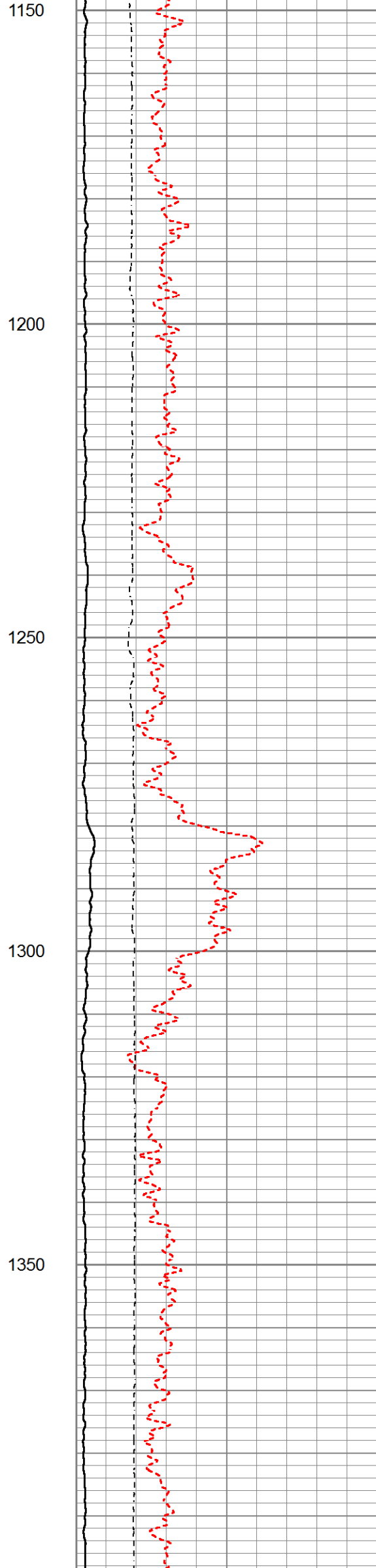
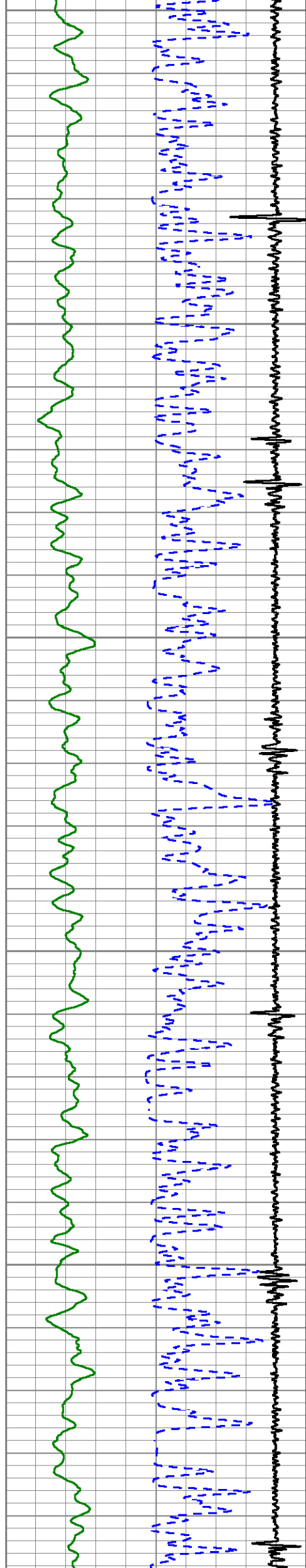
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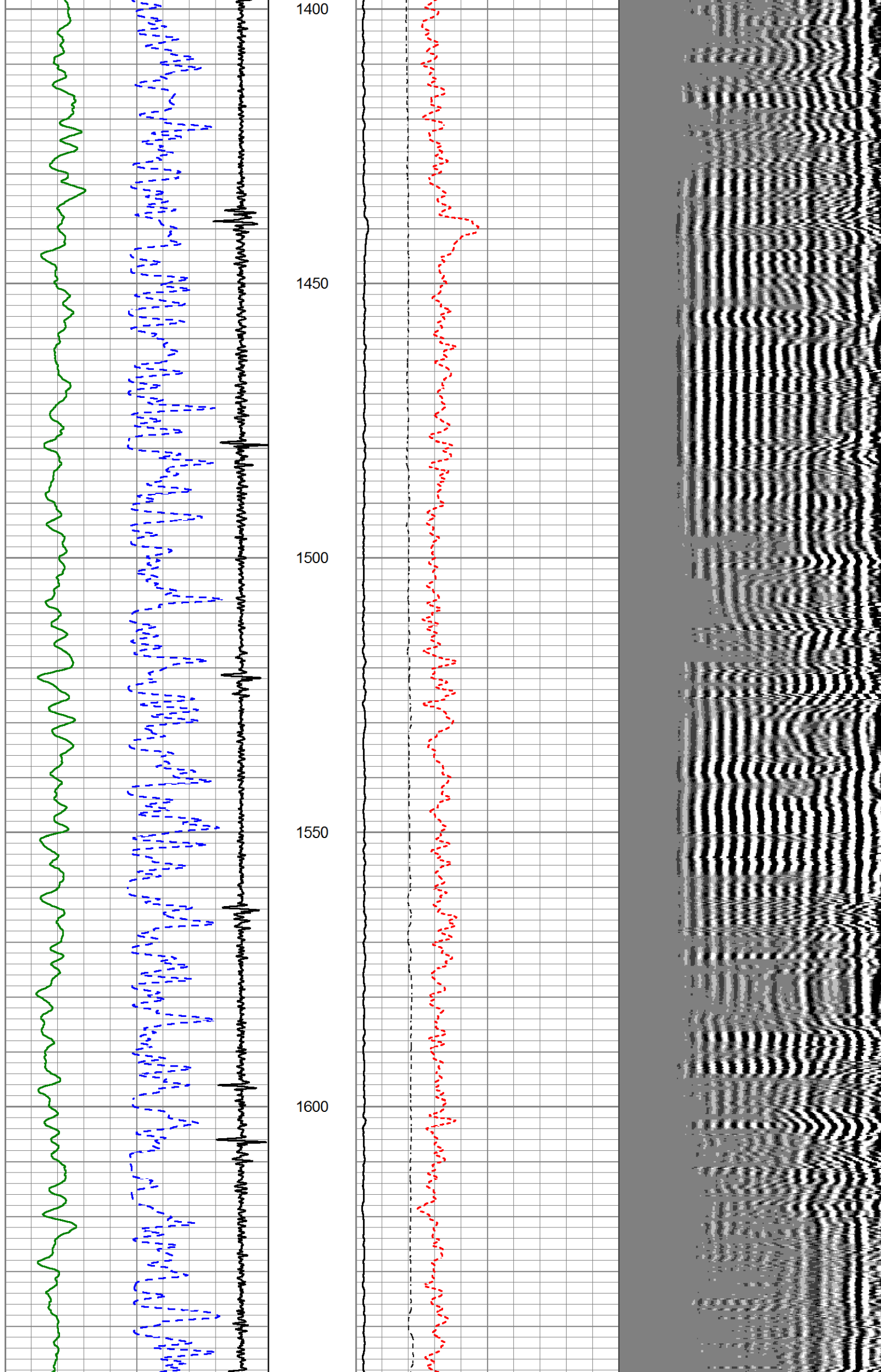


900  
950  
1000  
1050  
1100

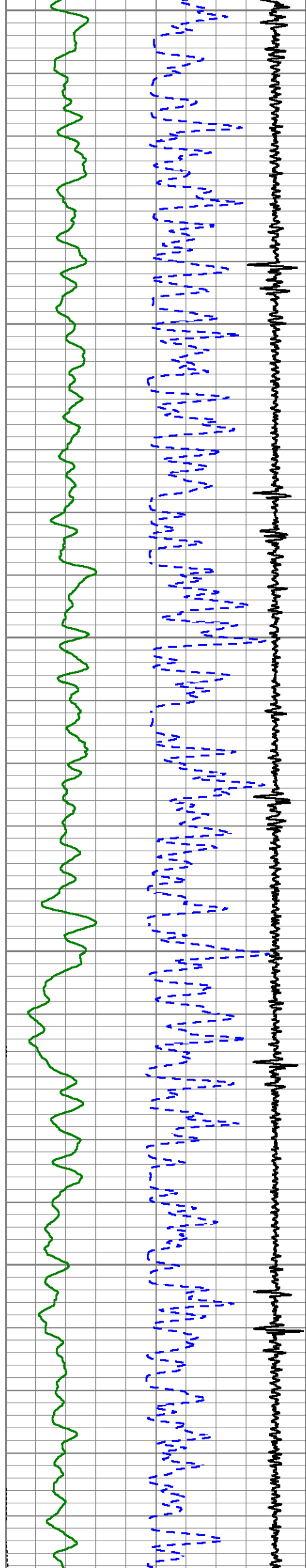












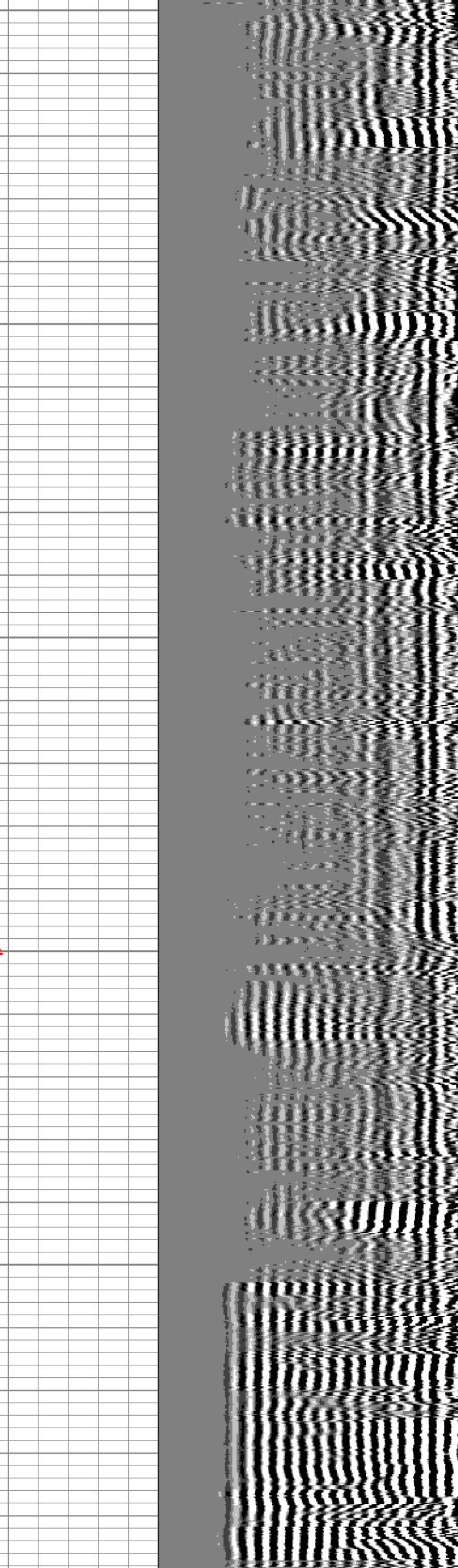
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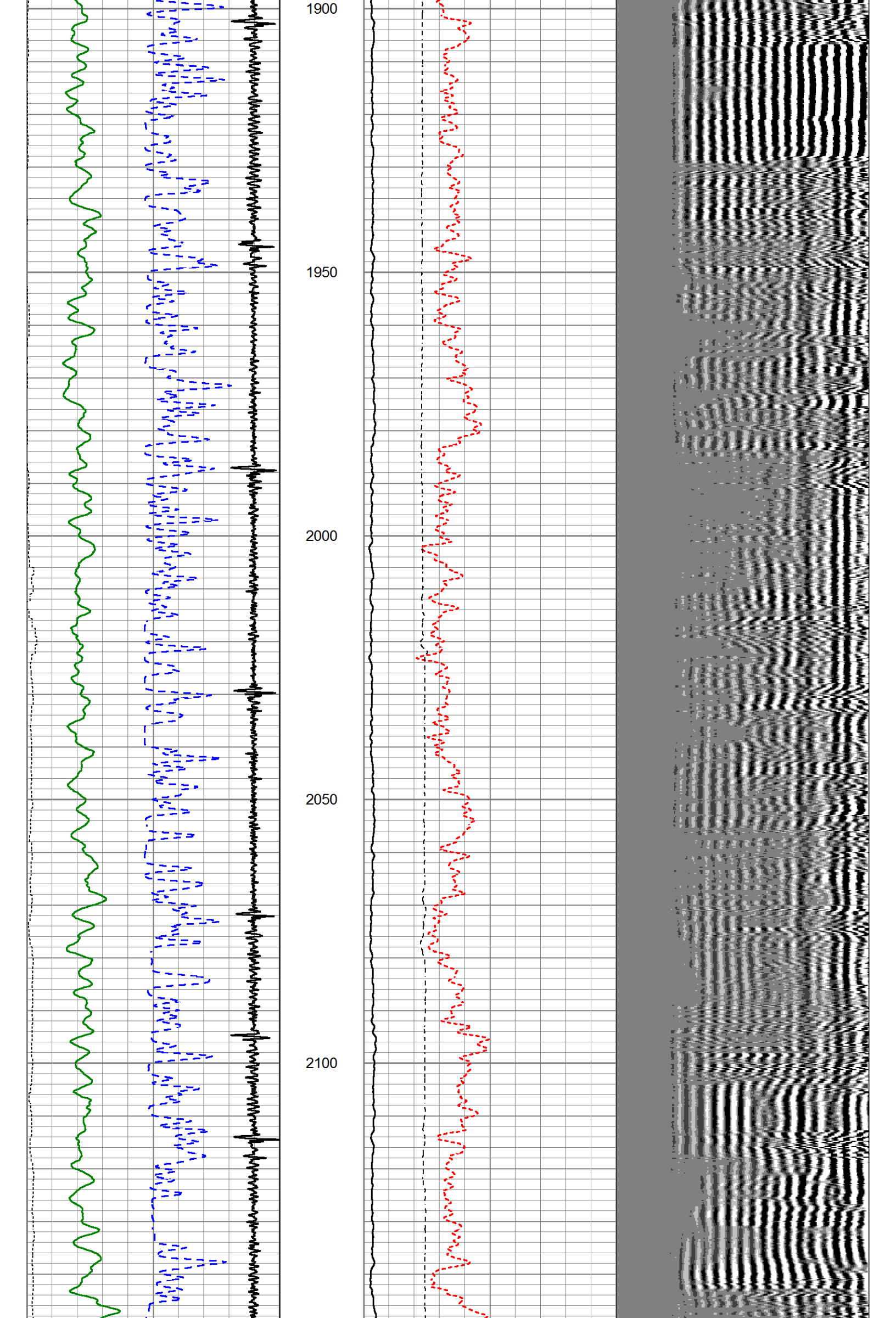
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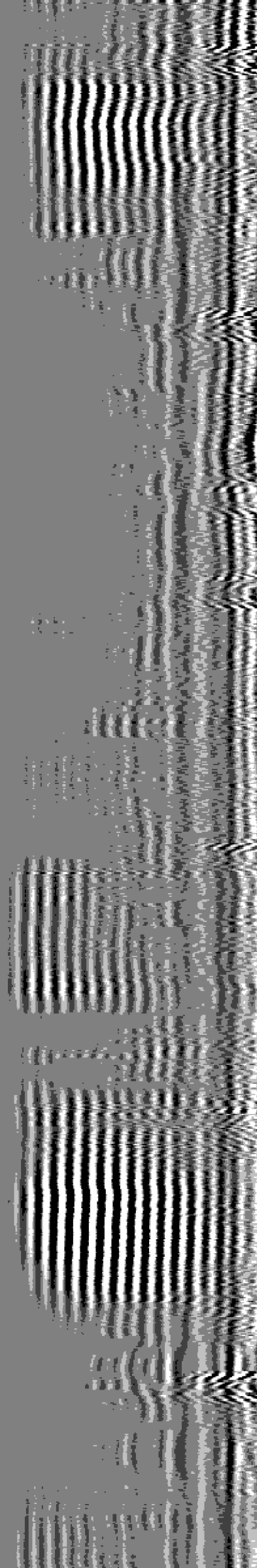
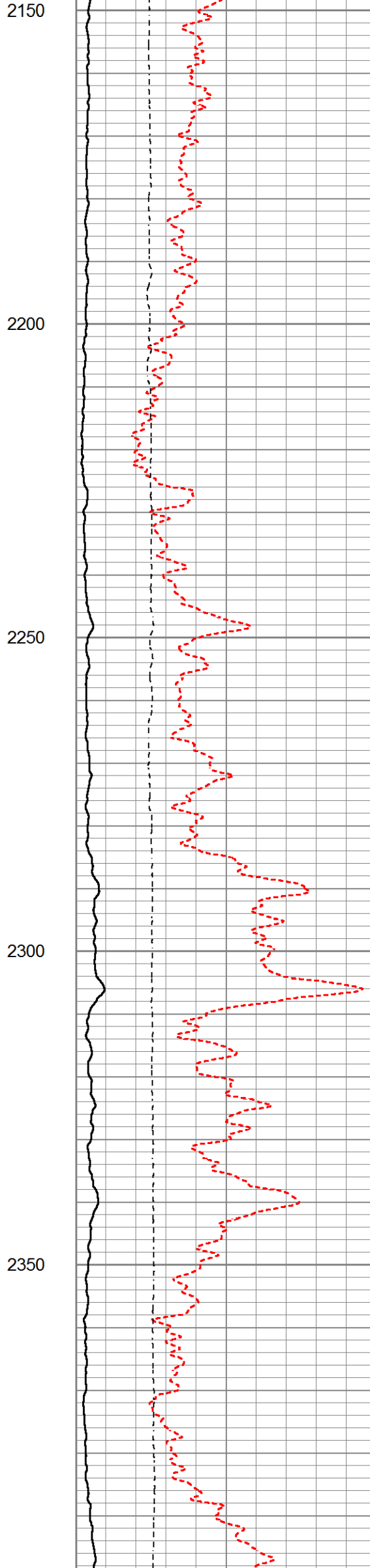
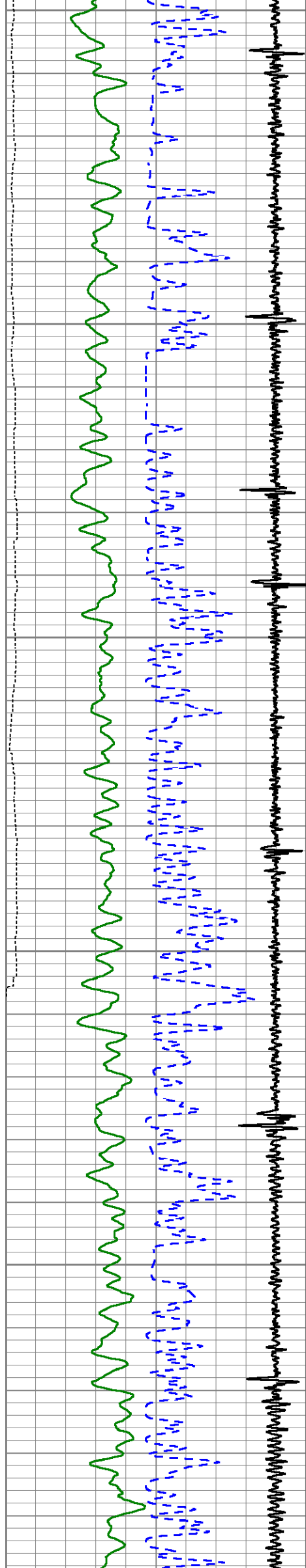
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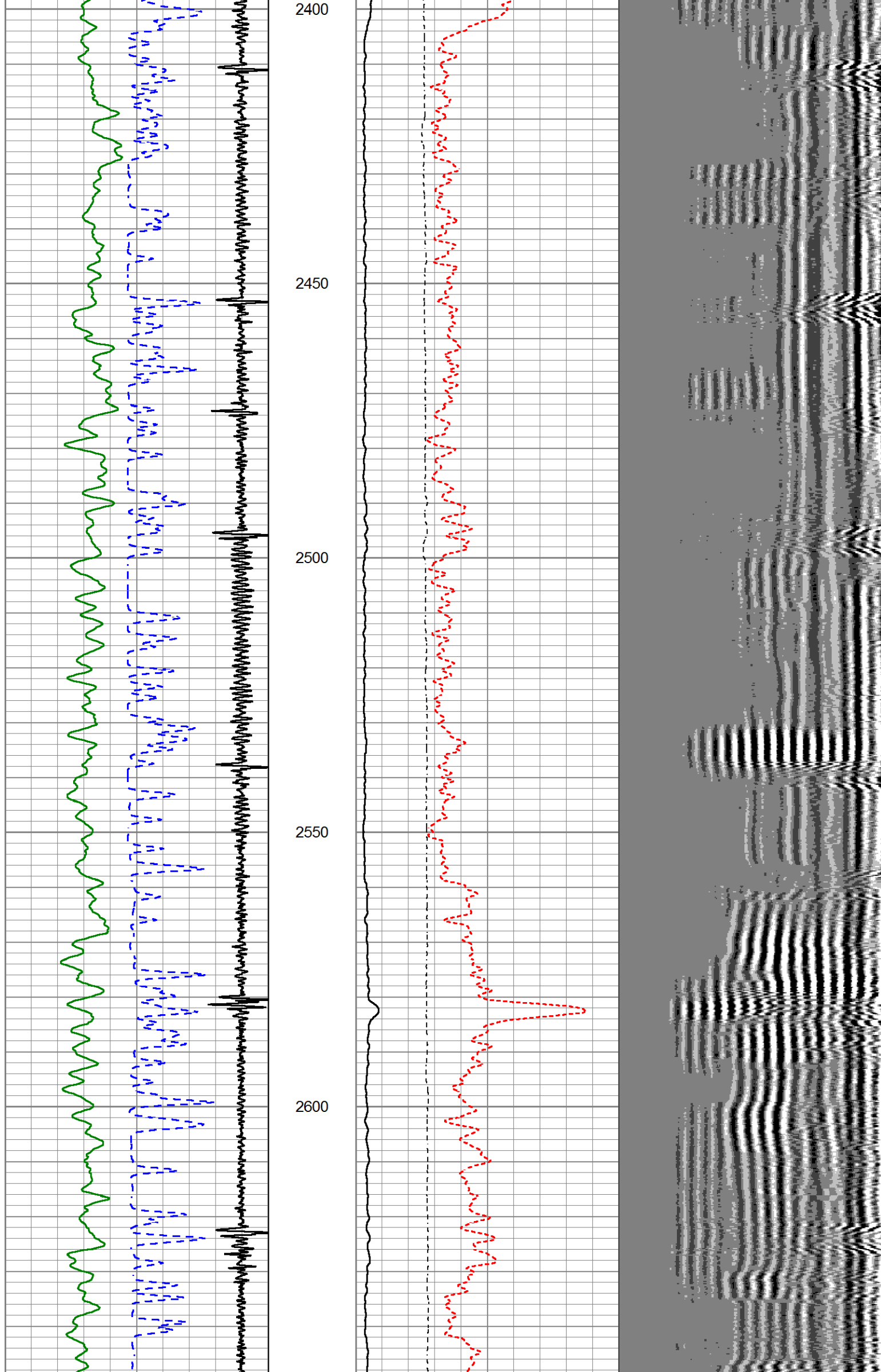
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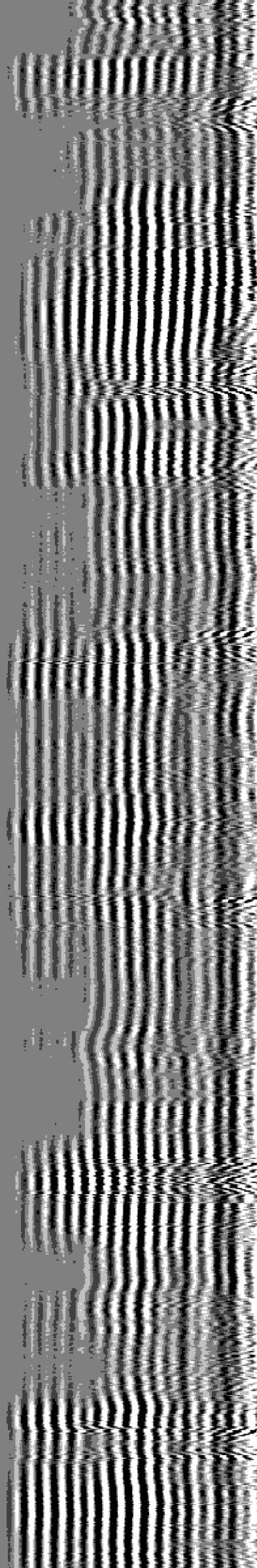
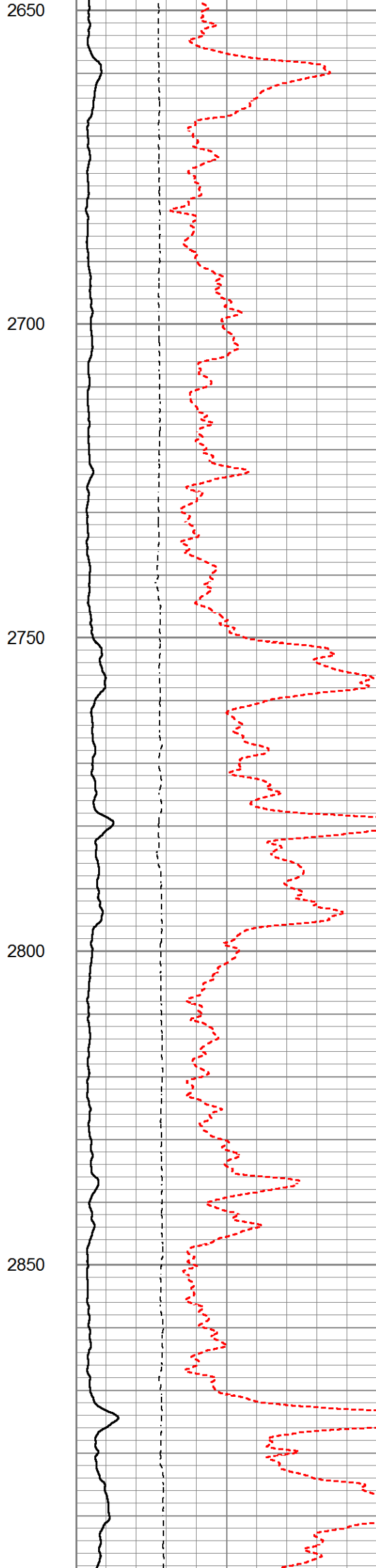
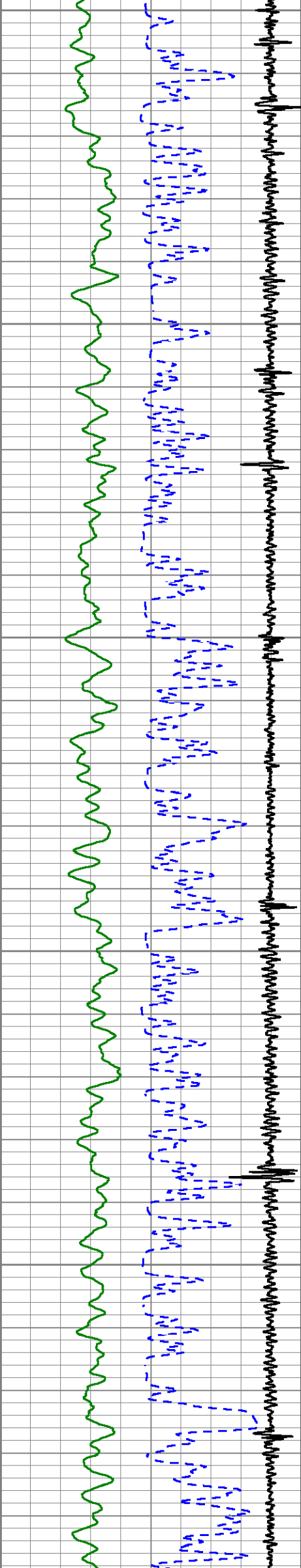


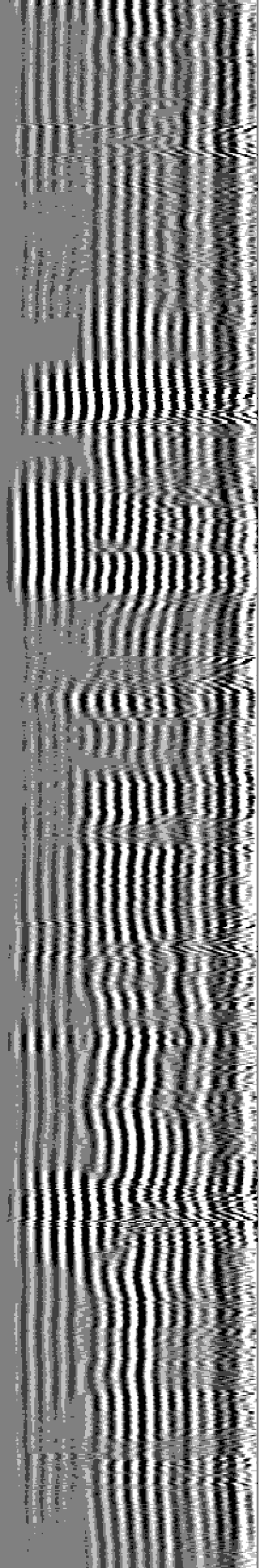
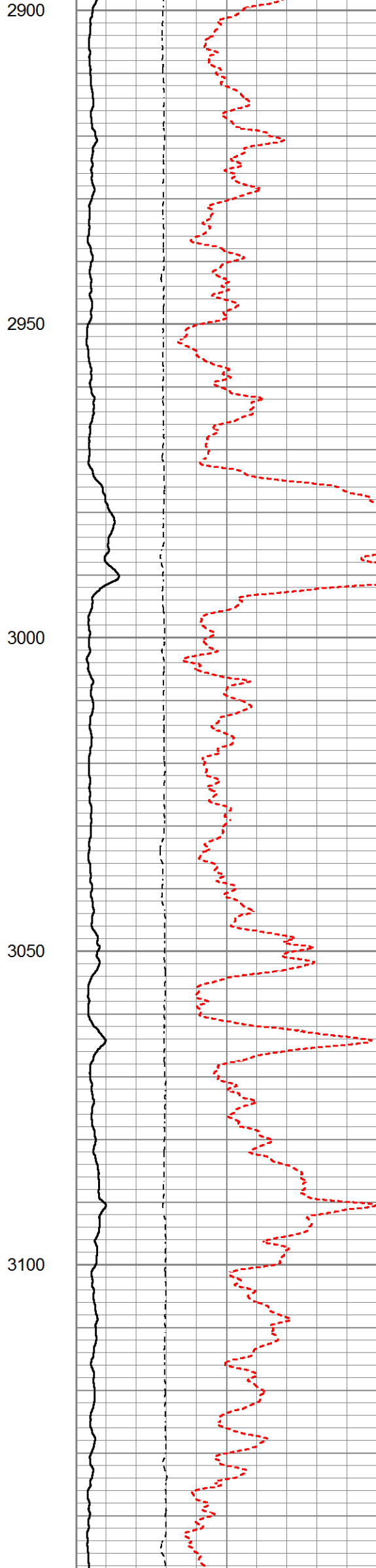
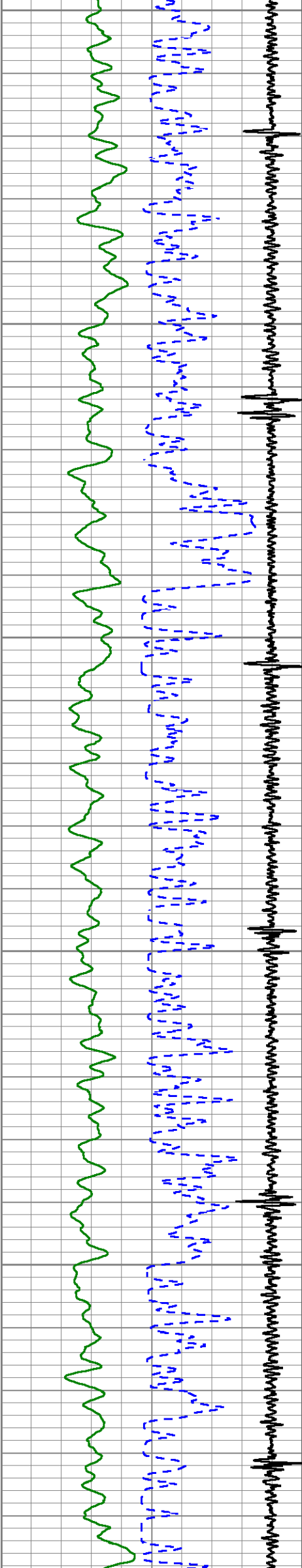




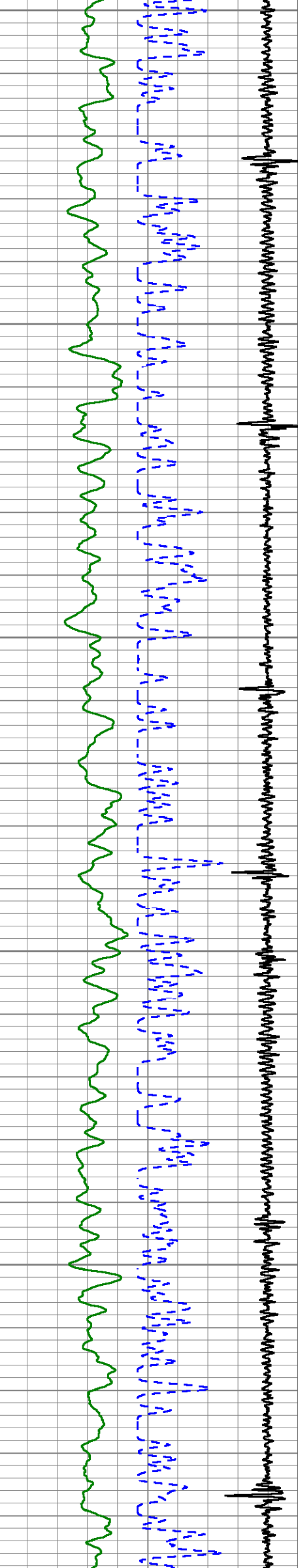












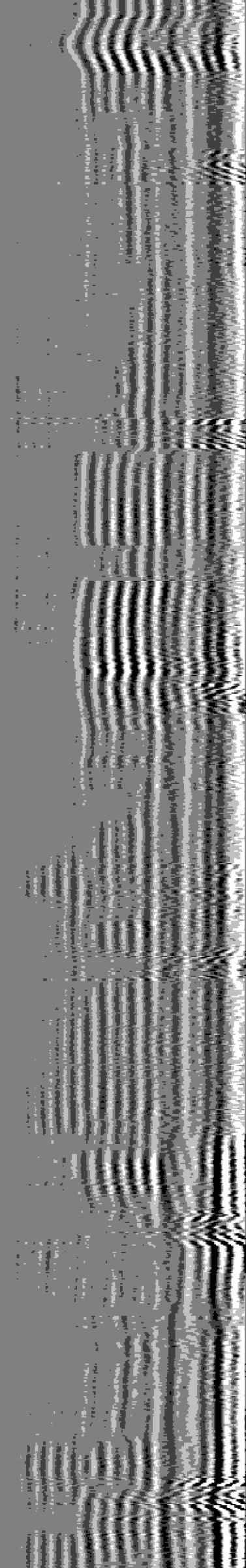
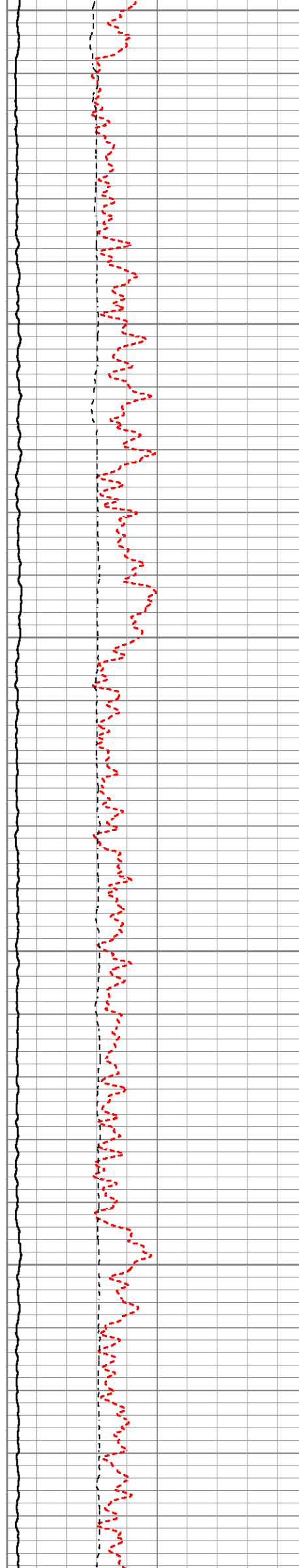
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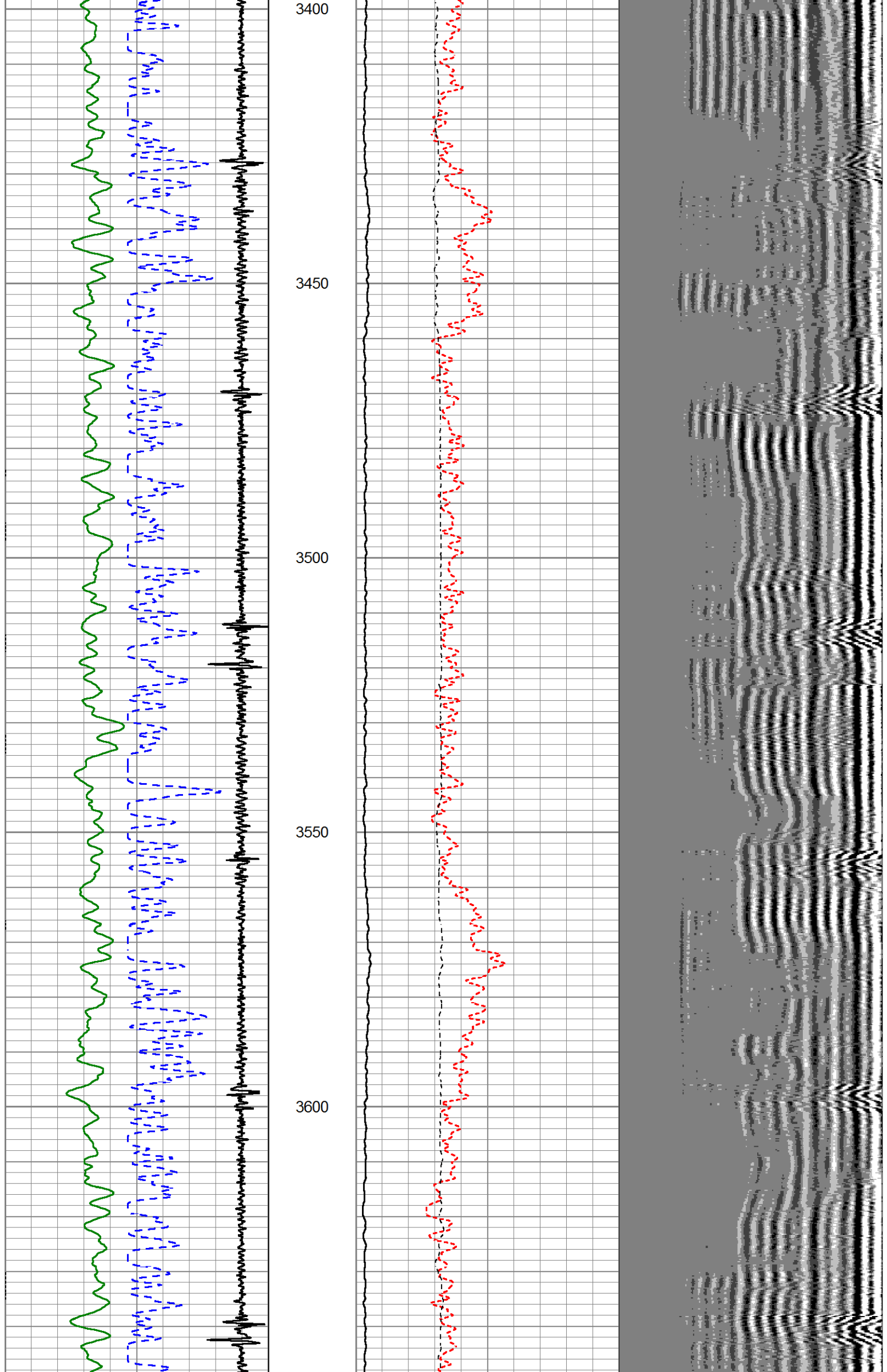
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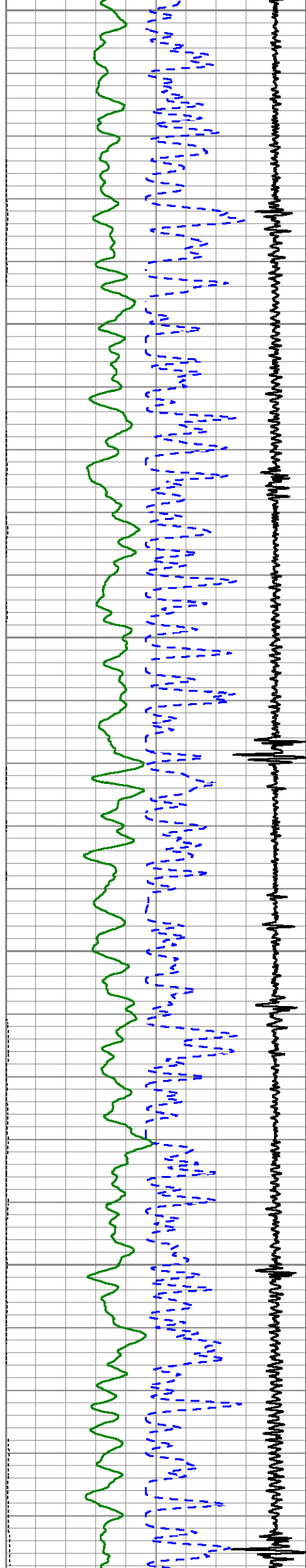
3250

3300

3350







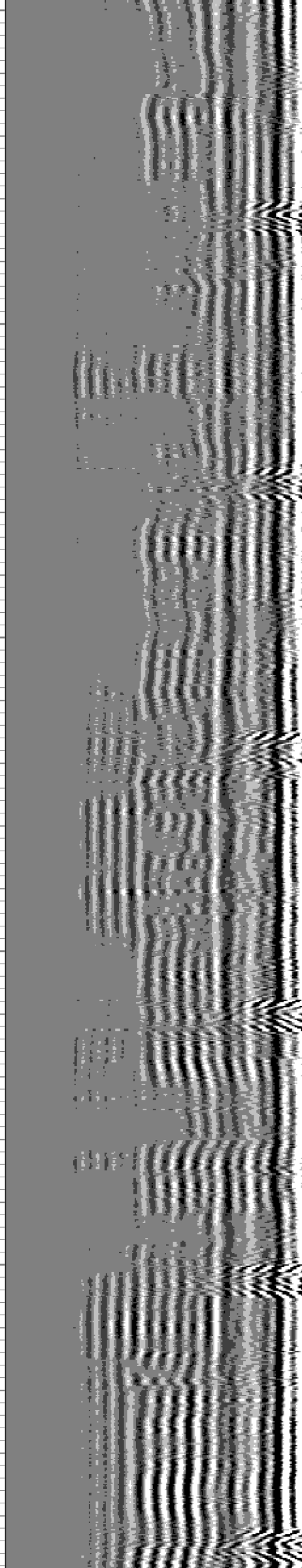
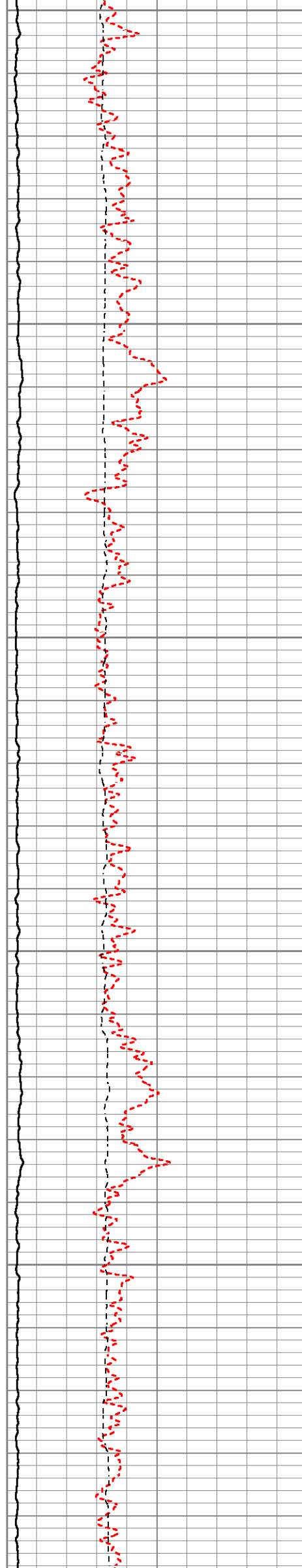
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3700

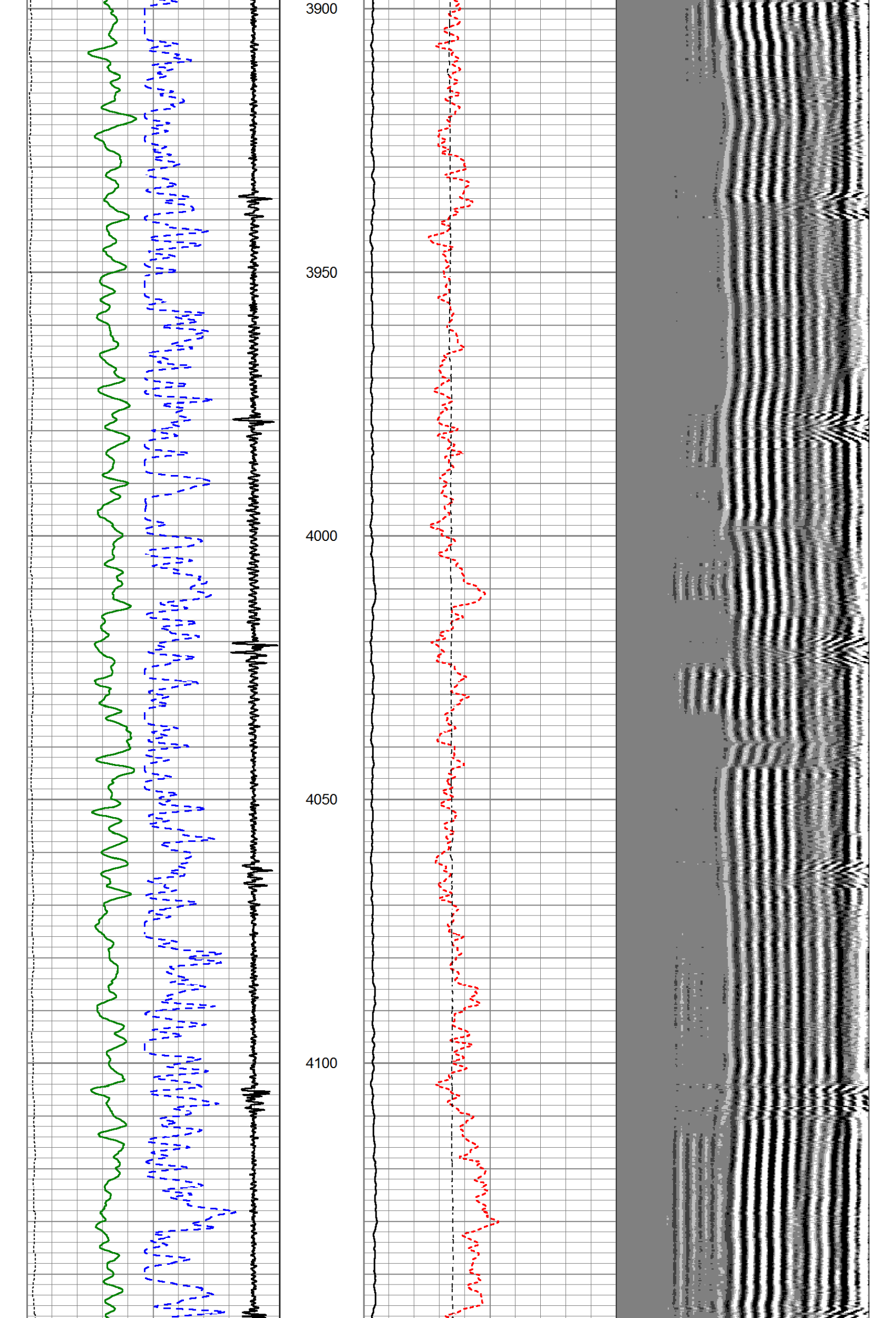
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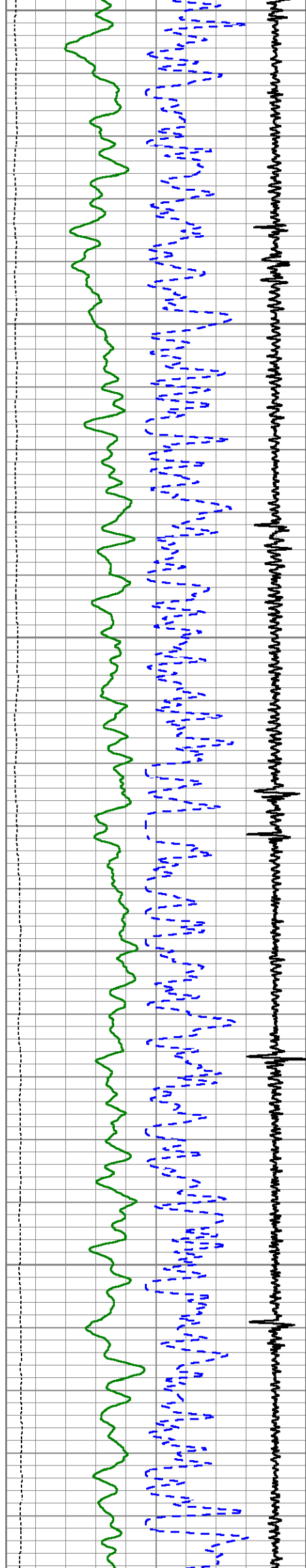
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3850









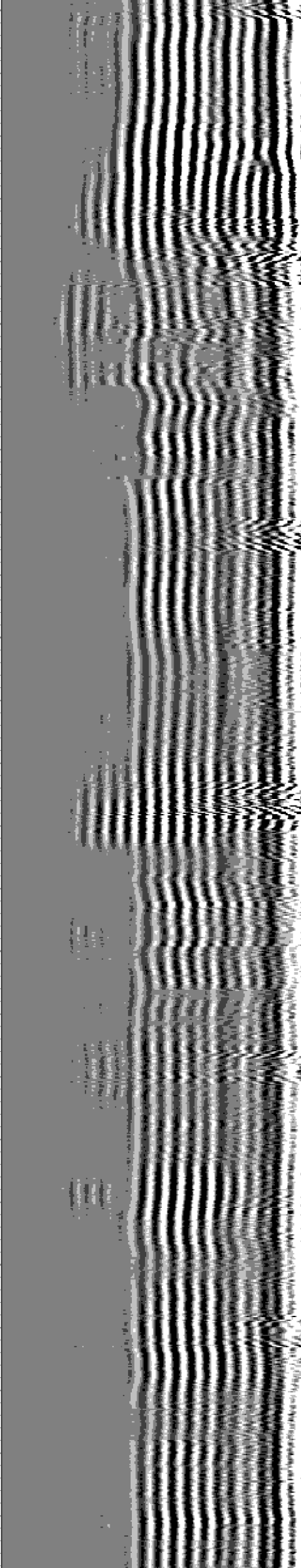
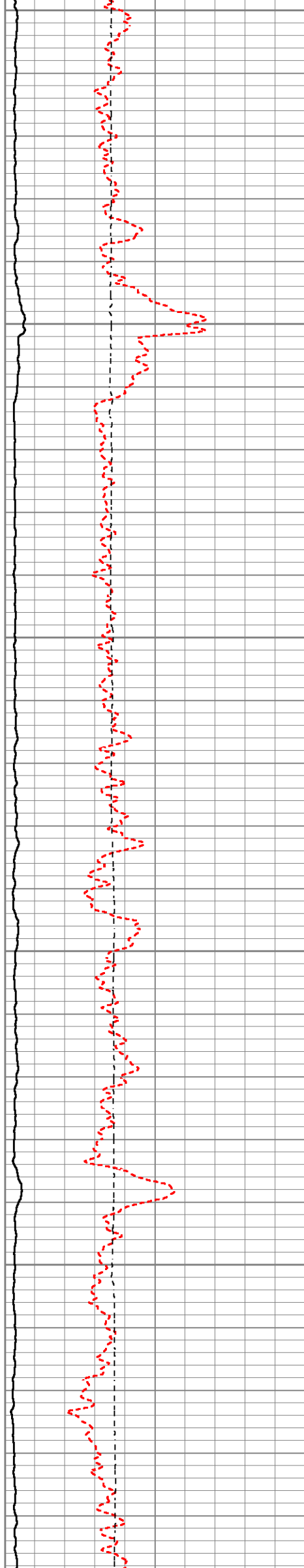
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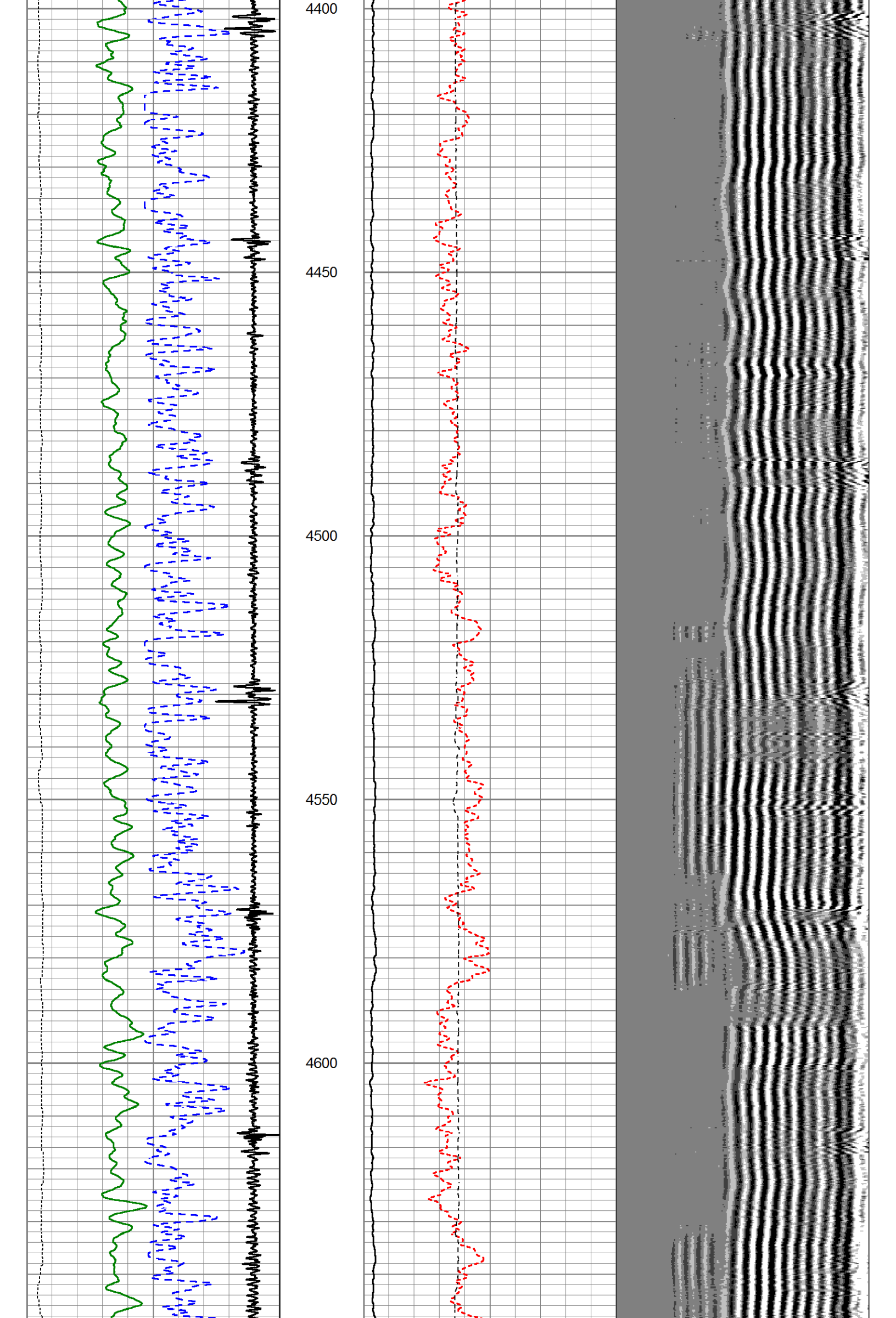
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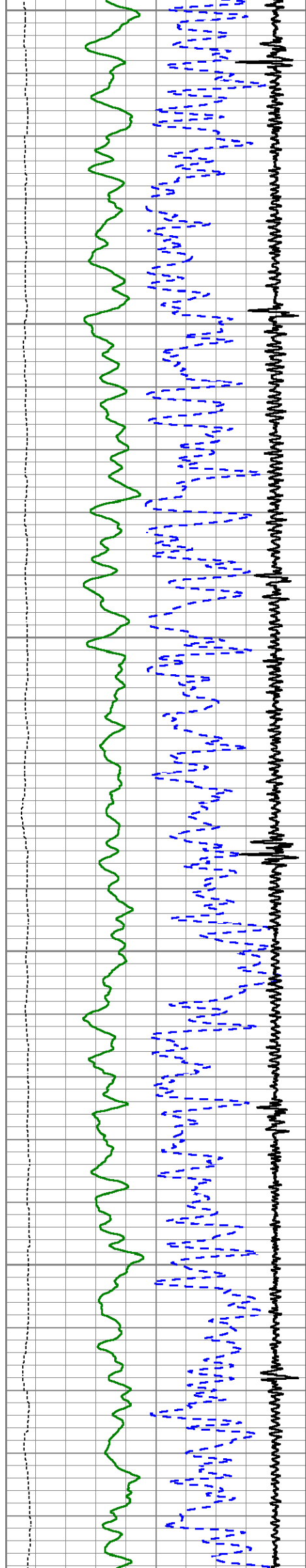
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4350









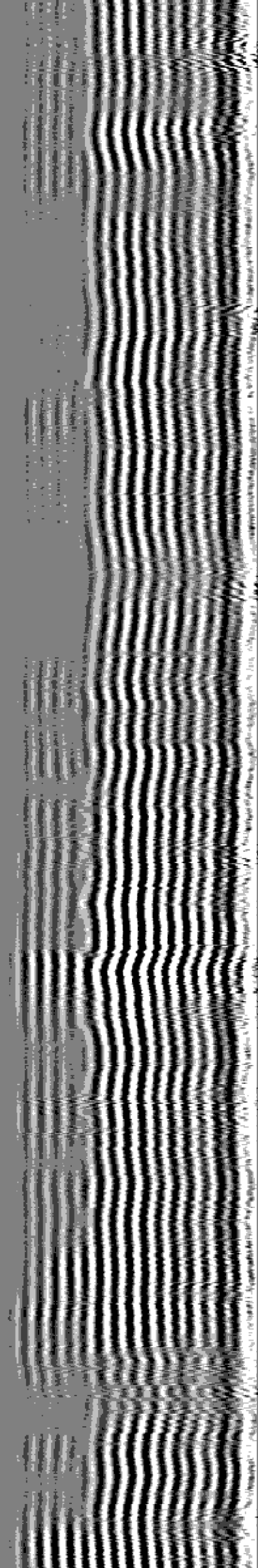
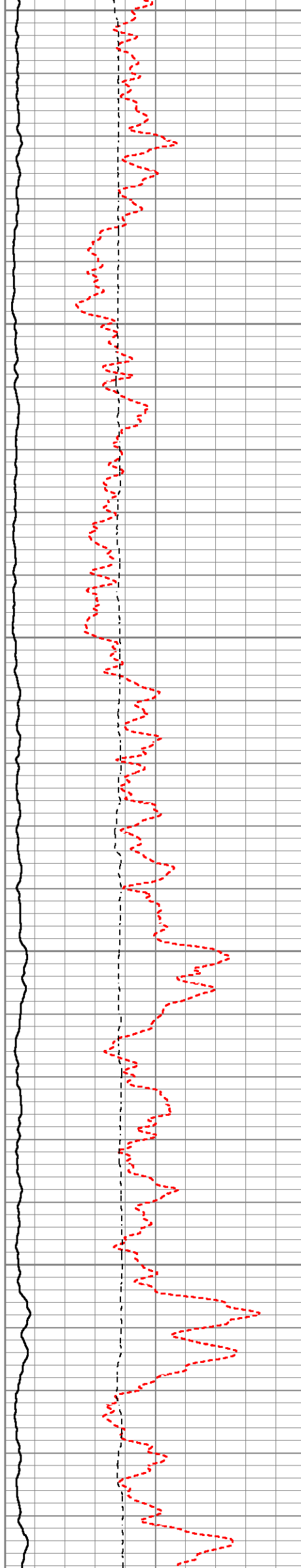
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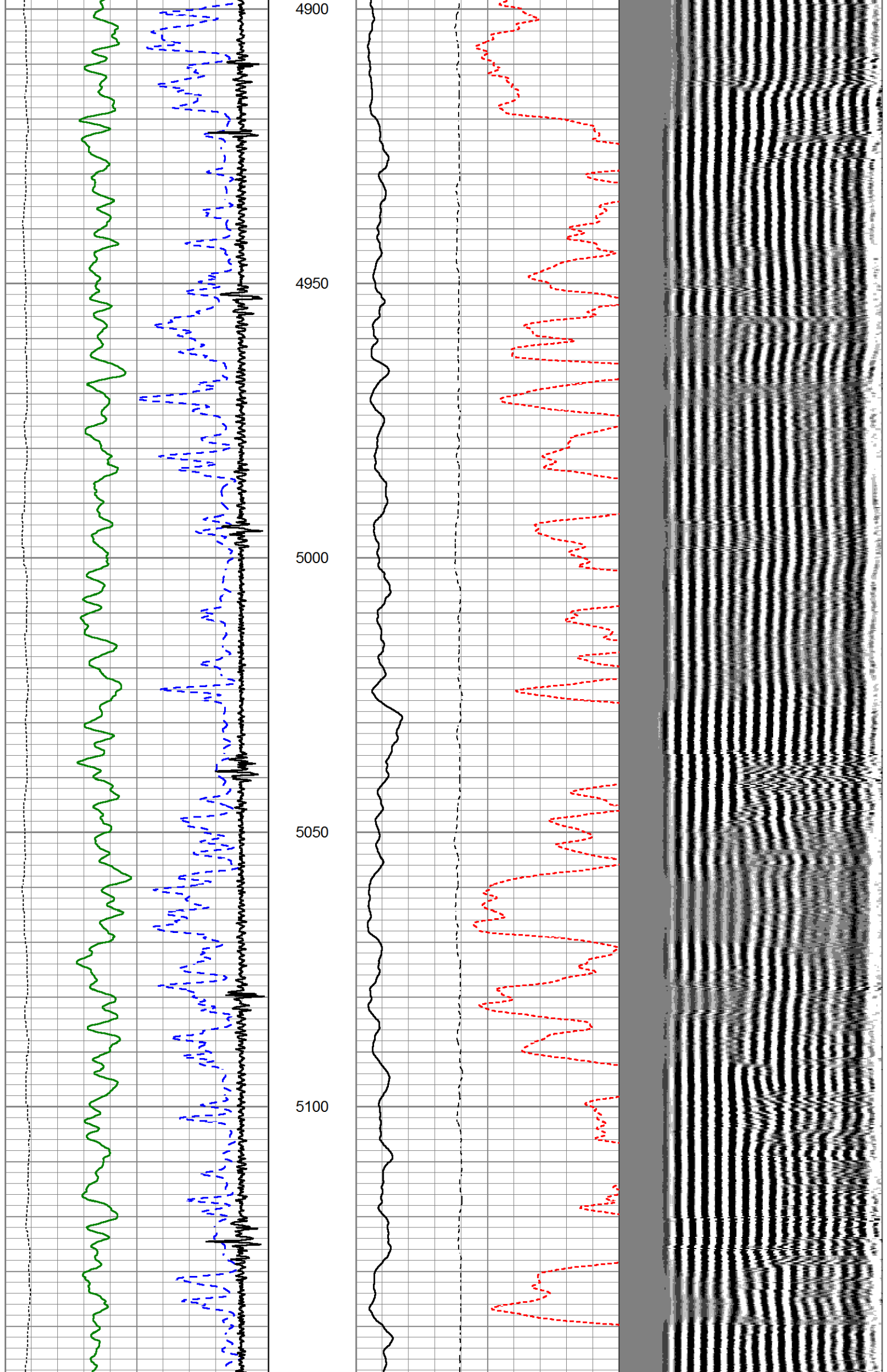
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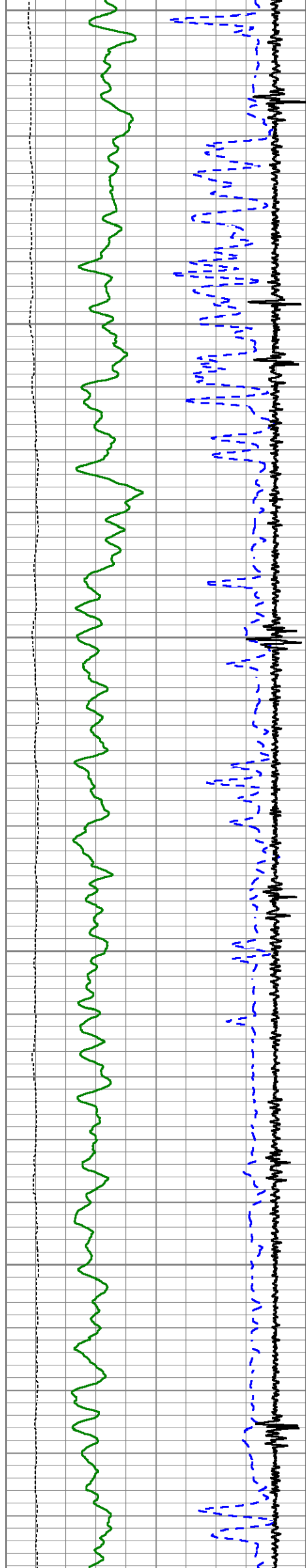
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4800

4850







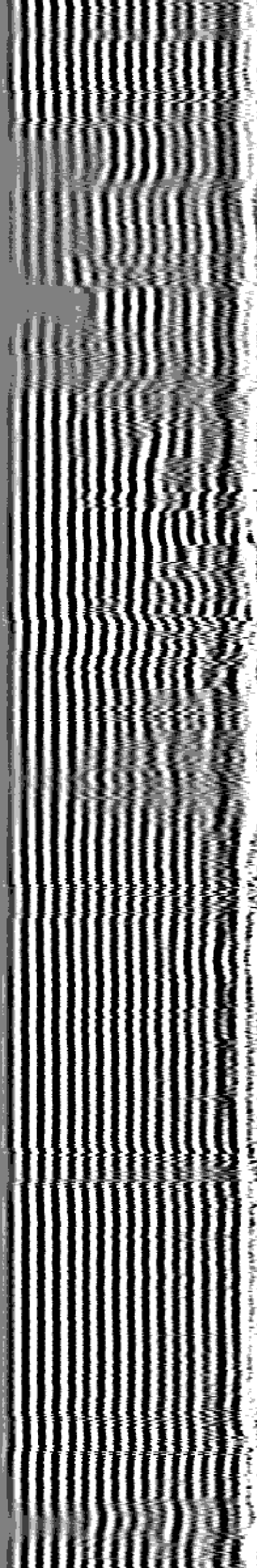
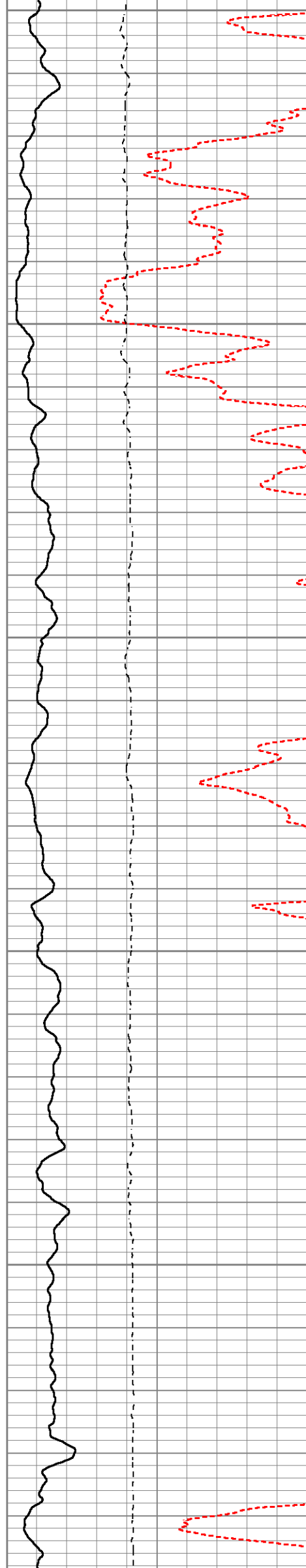
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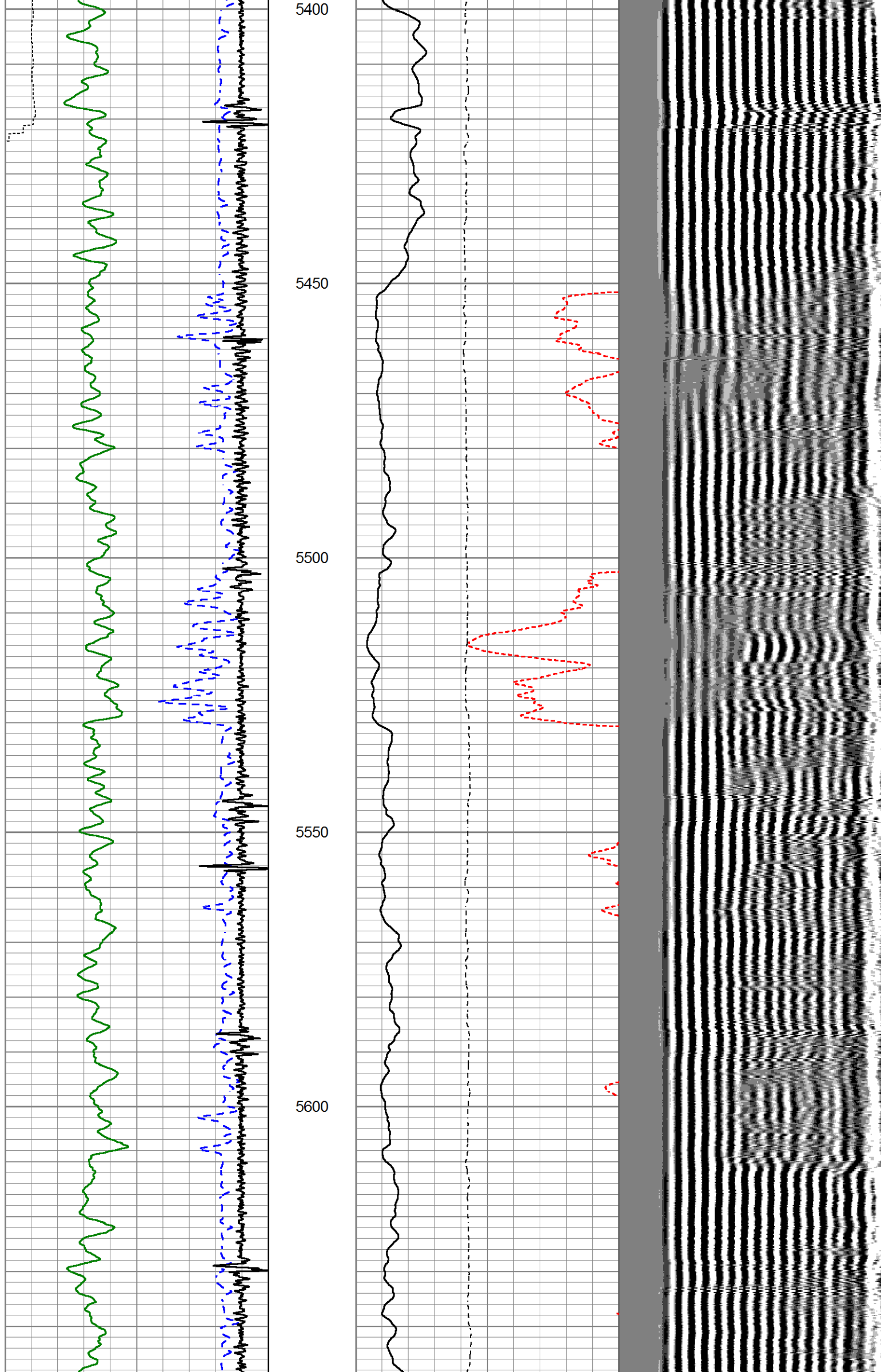
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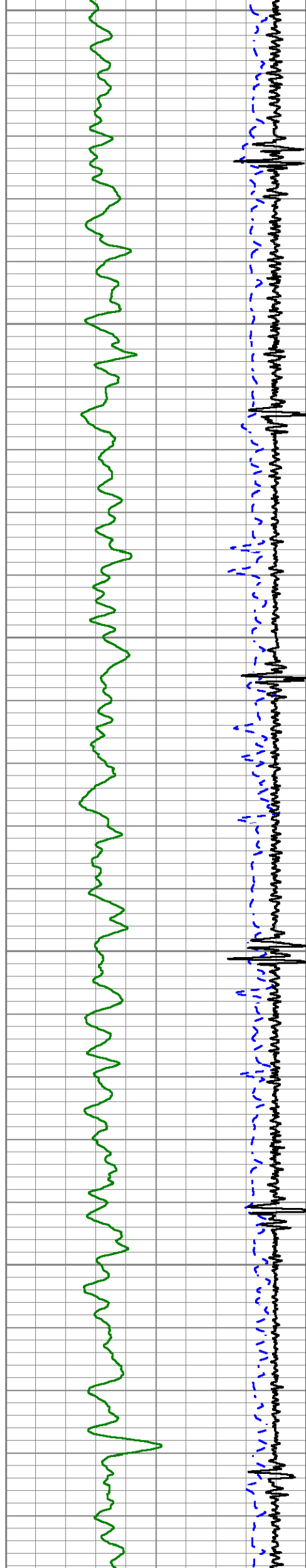
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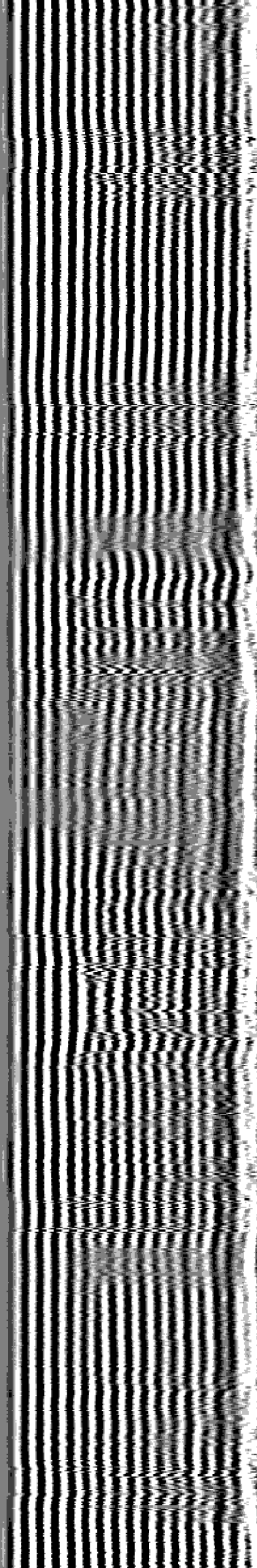
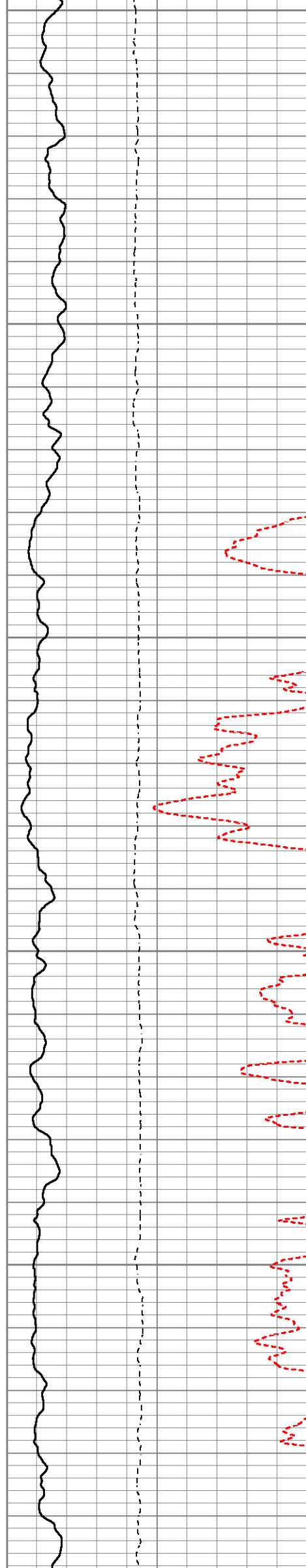
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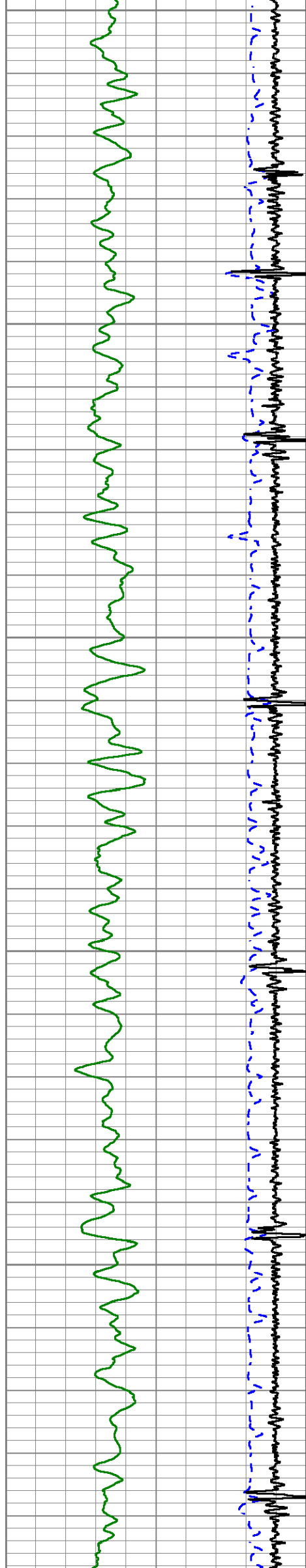
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5750

5800

5850





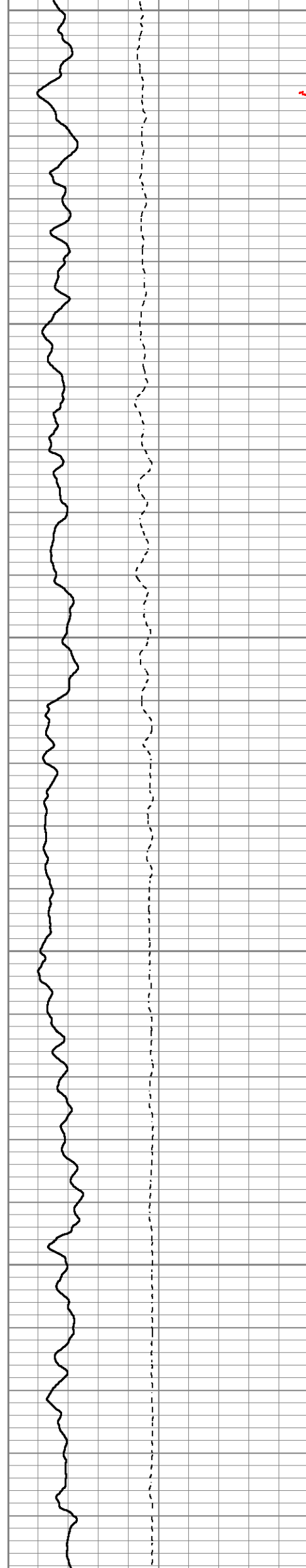
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5950

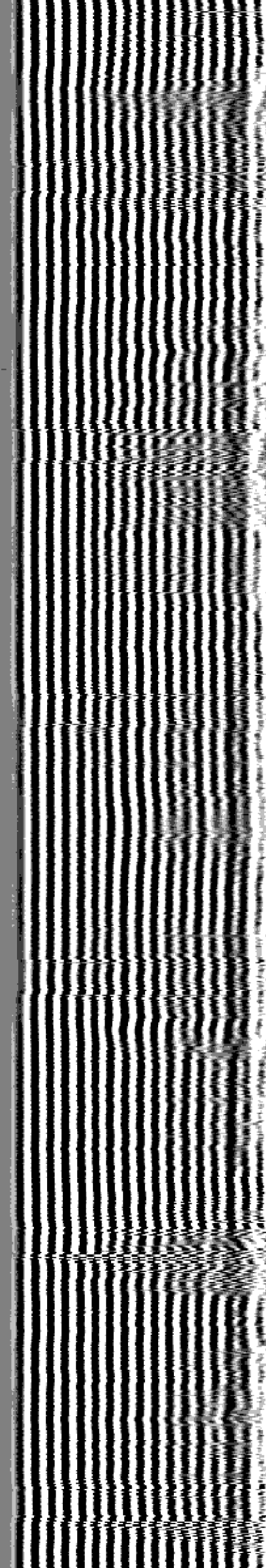
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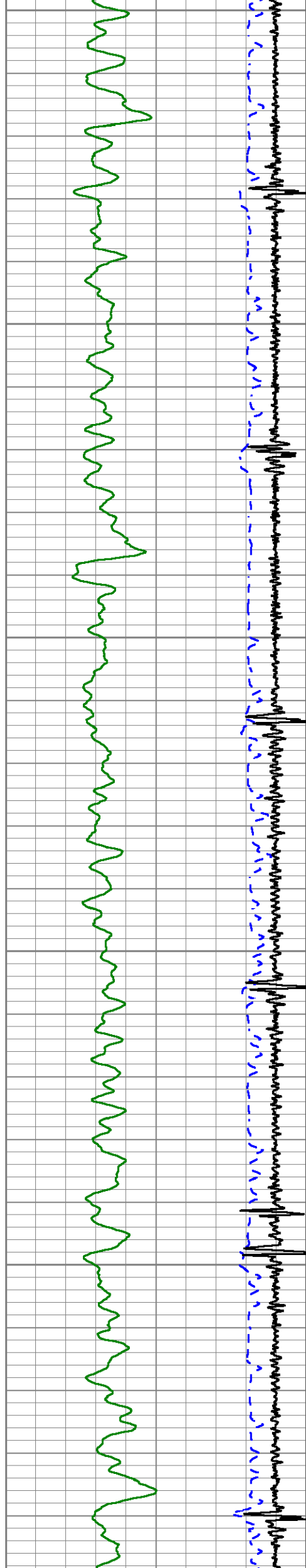
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6100



2





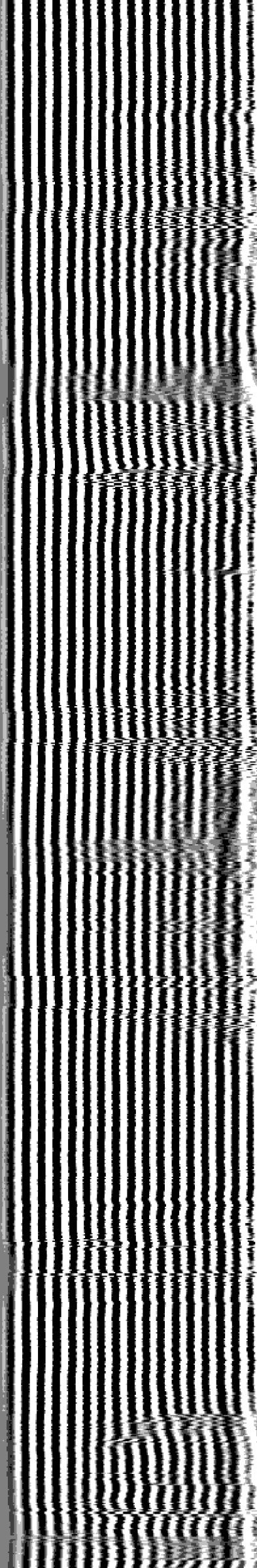
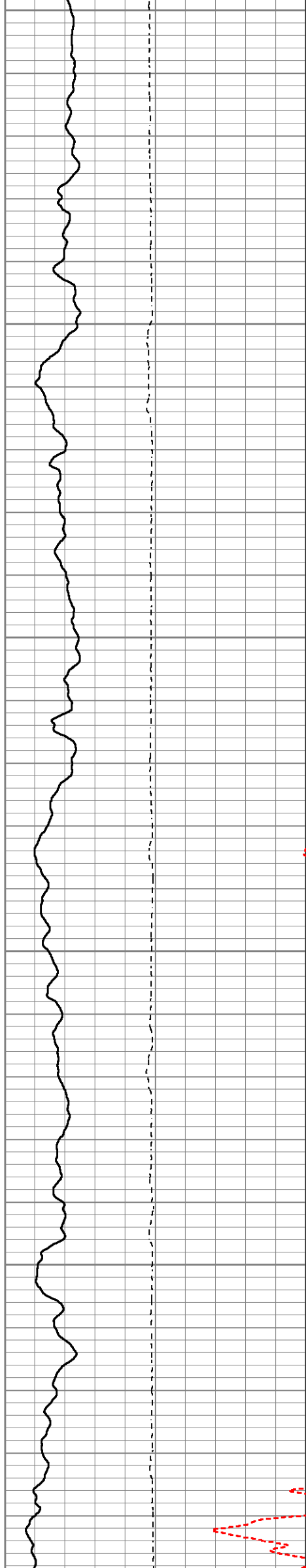
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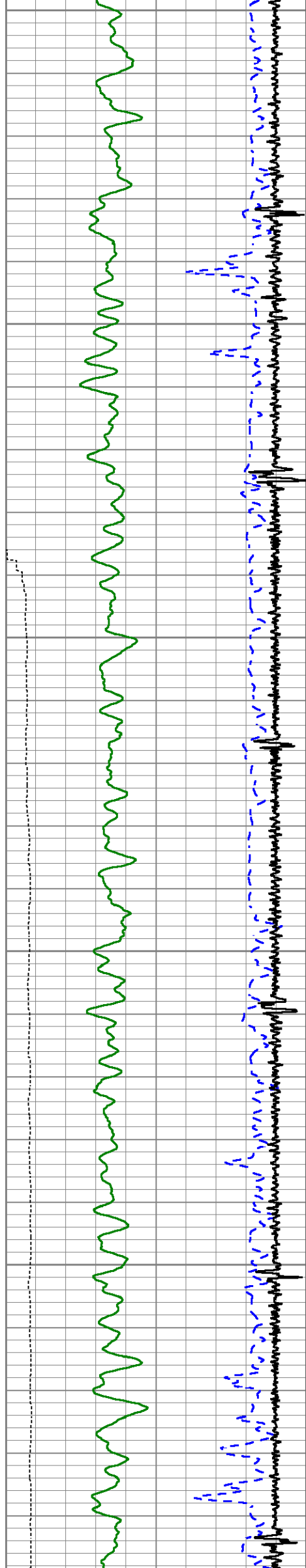
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6250

6300

6350





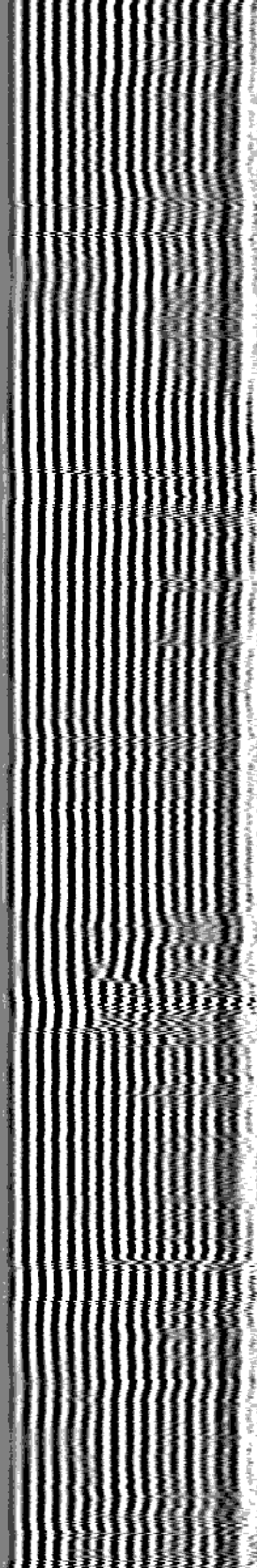
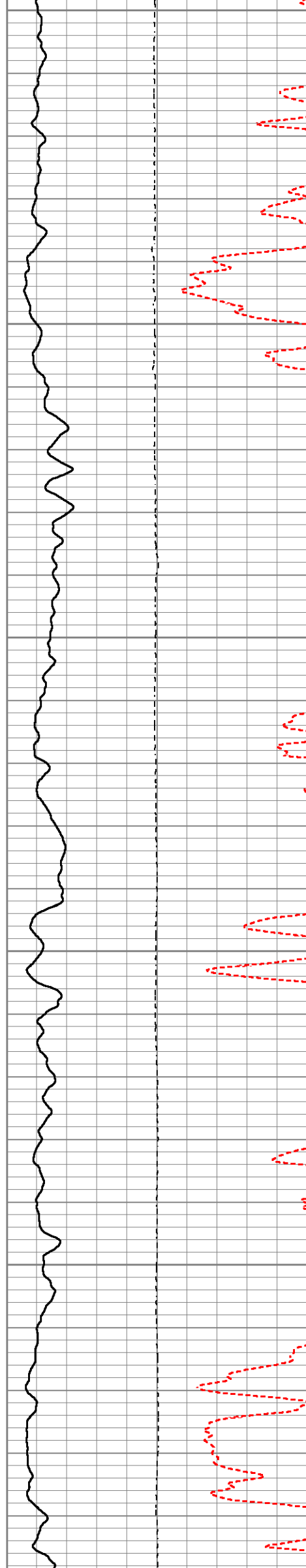
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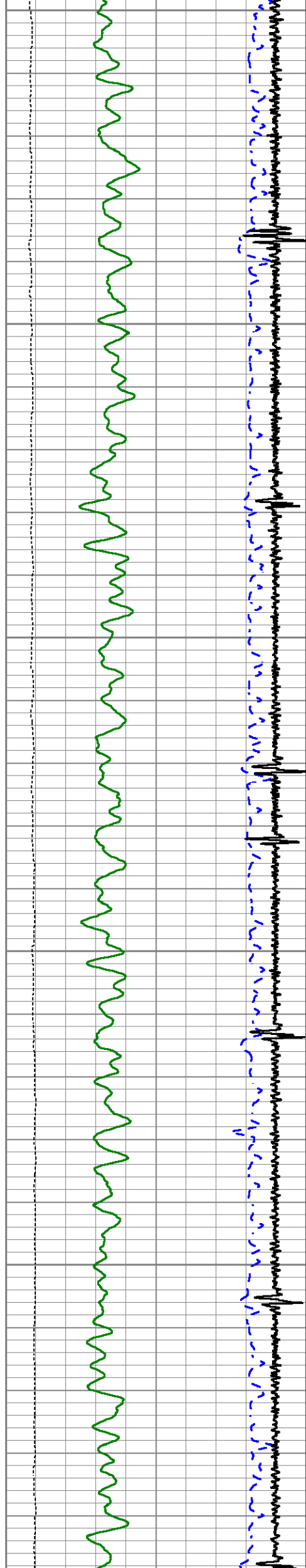
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6600







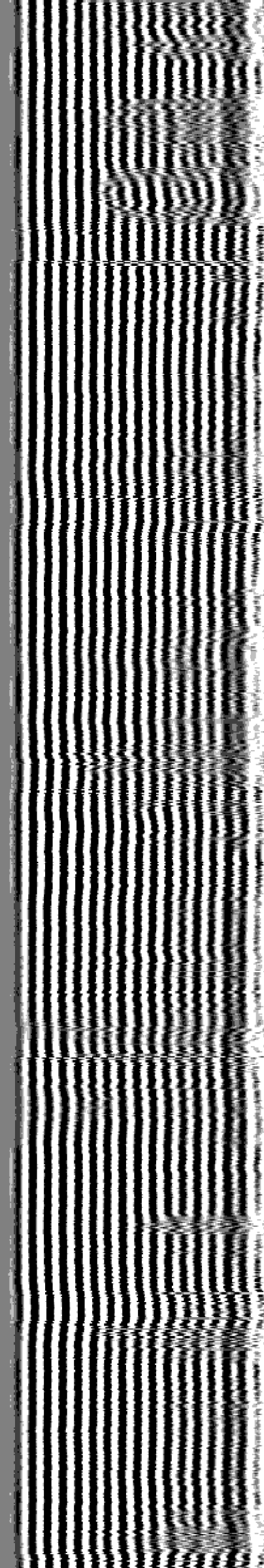
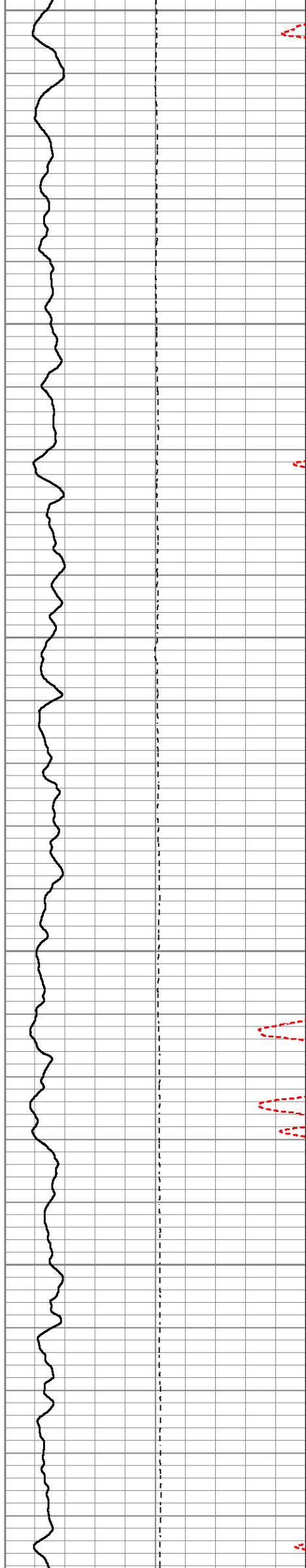
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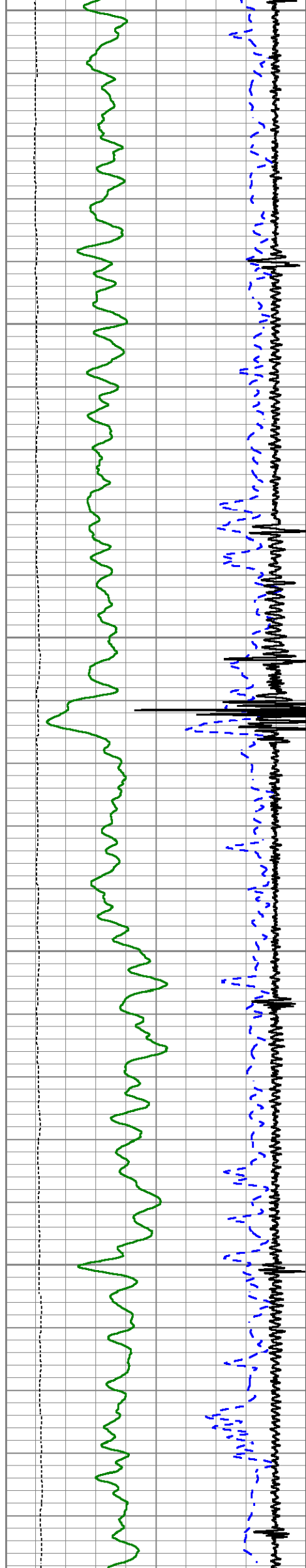
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6750

6800

6850





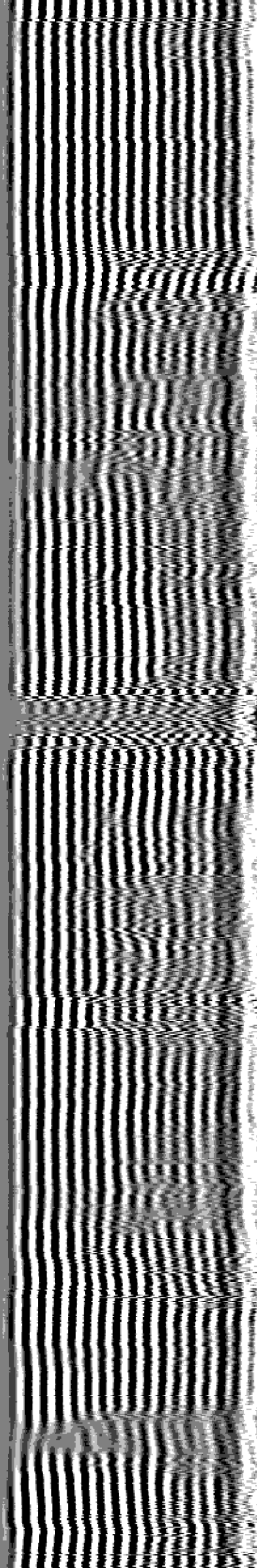
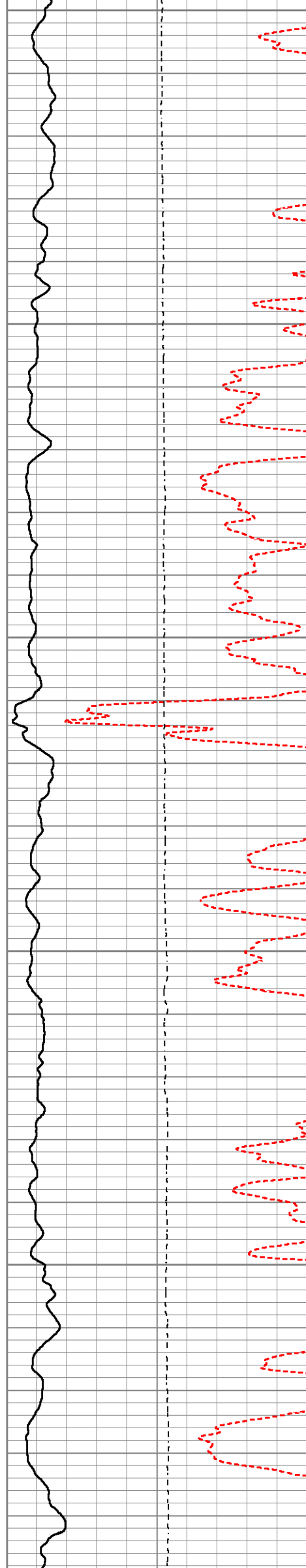
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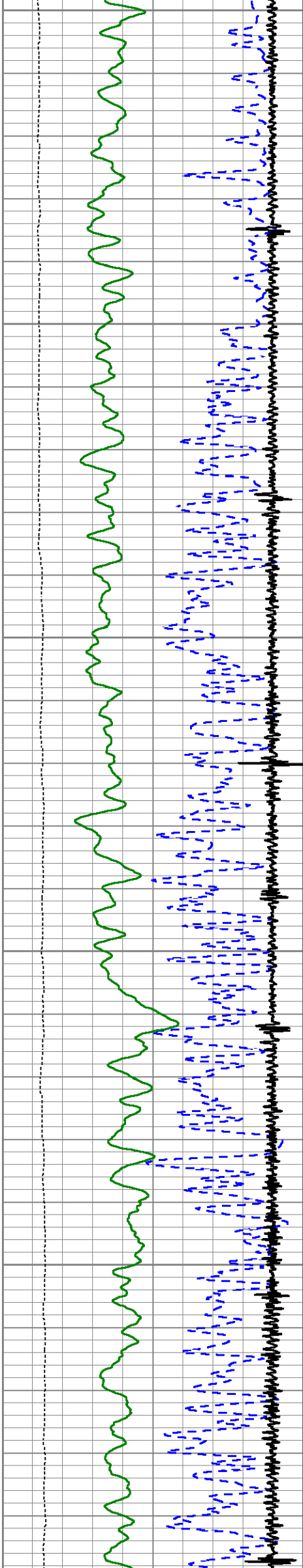
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7000

7050

7100





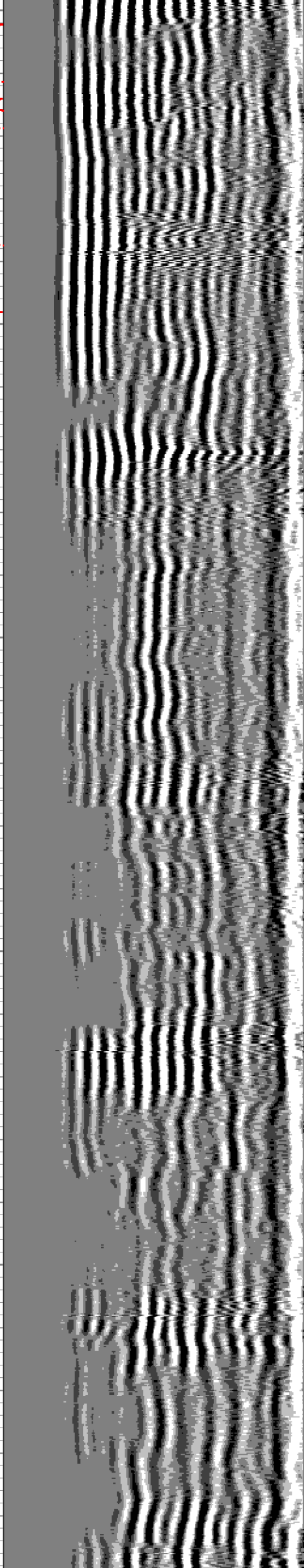
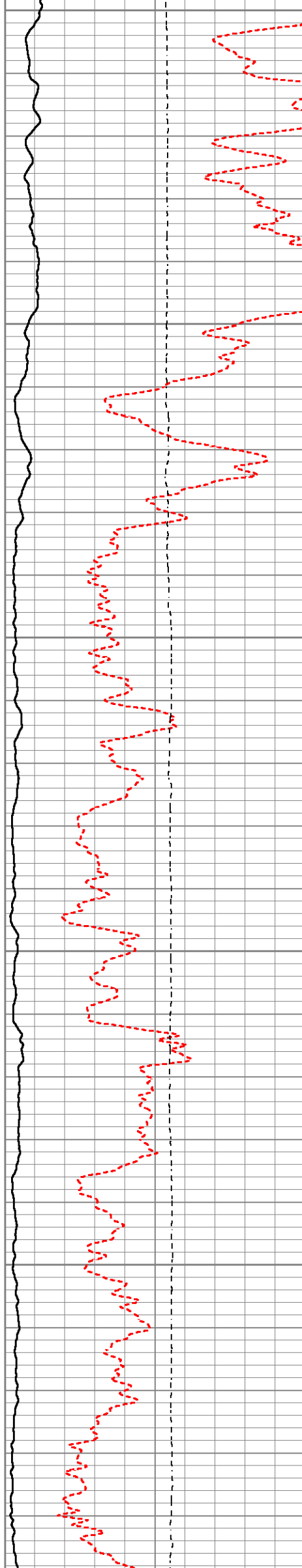
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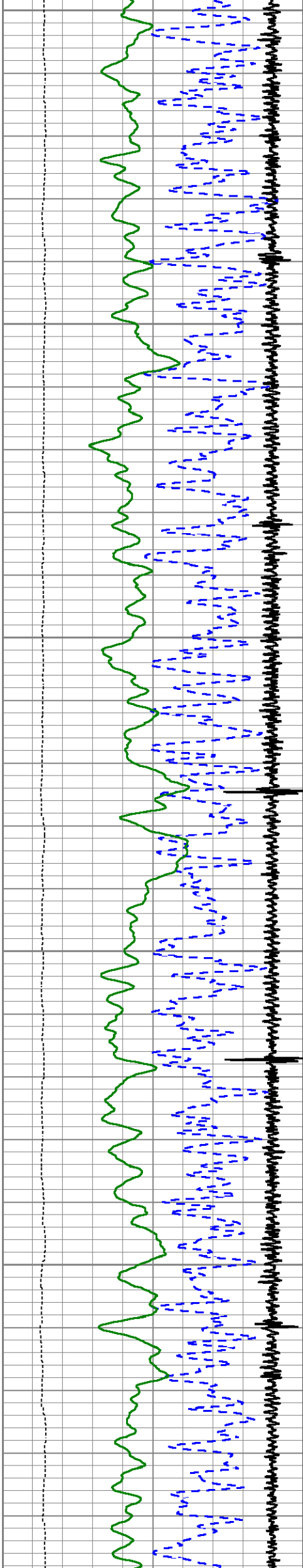
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7250

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7350





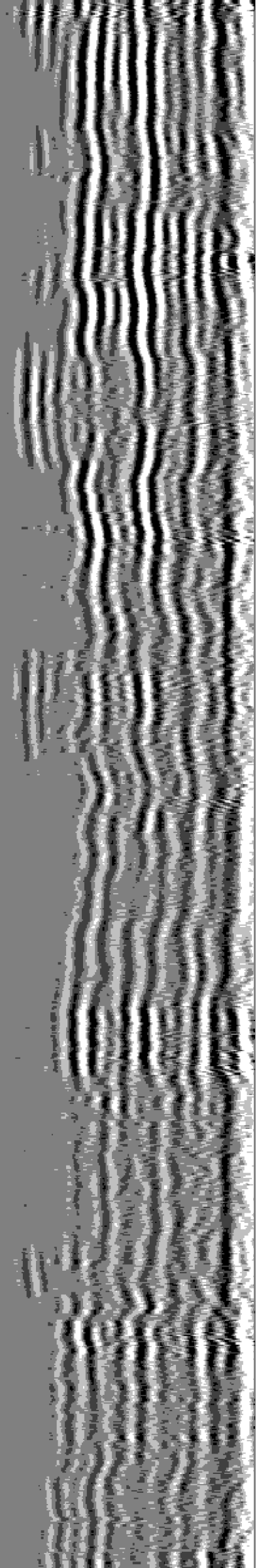
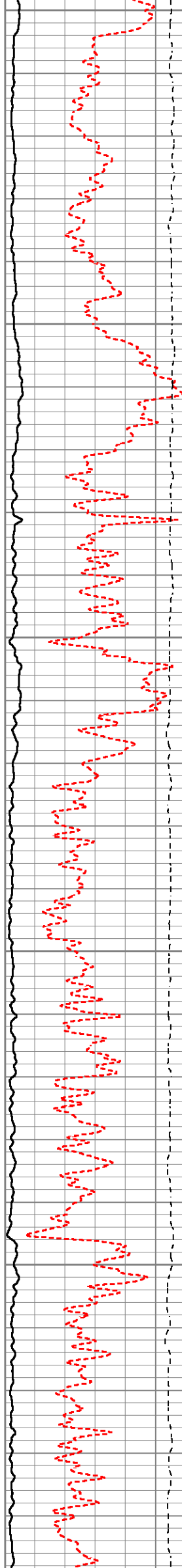
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7450

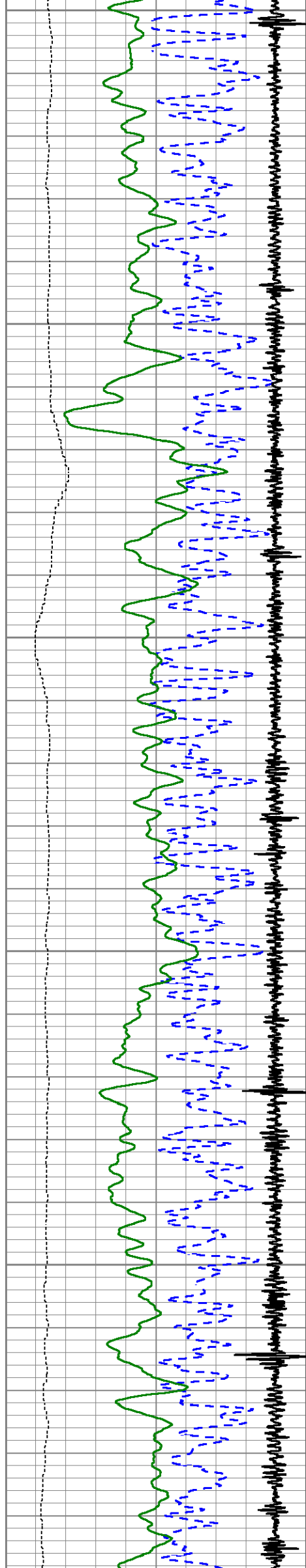
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7600







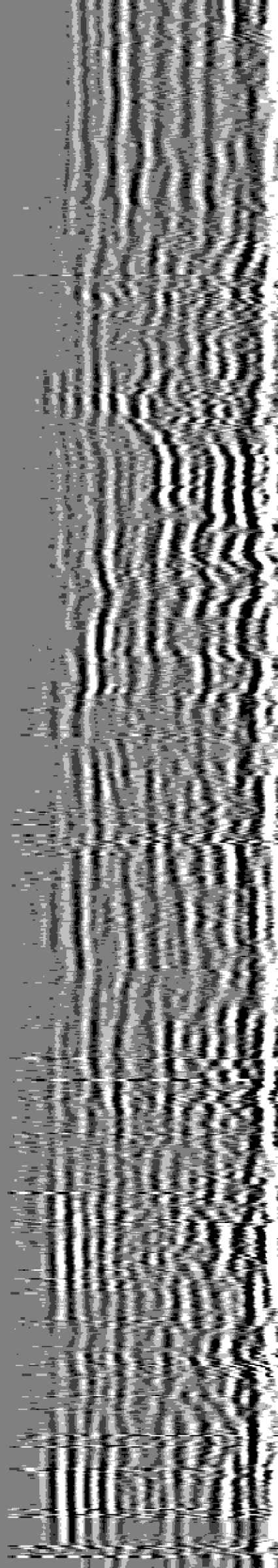
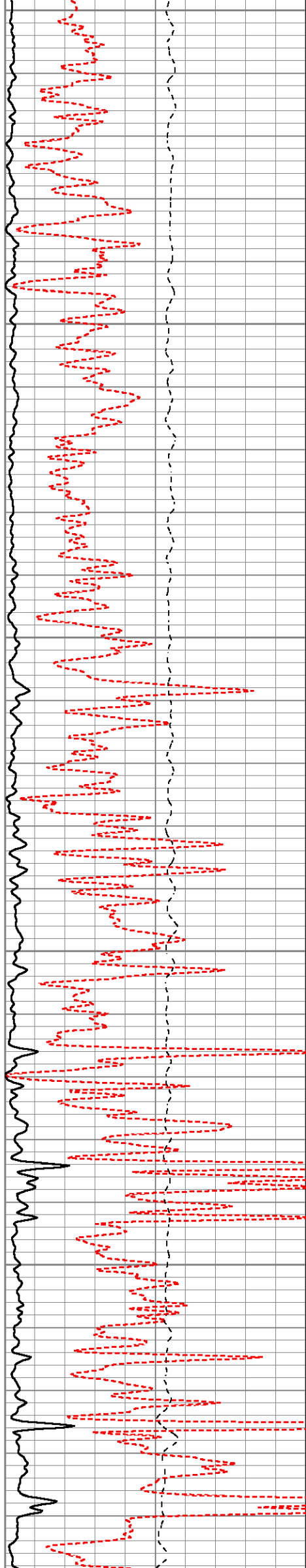
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7750

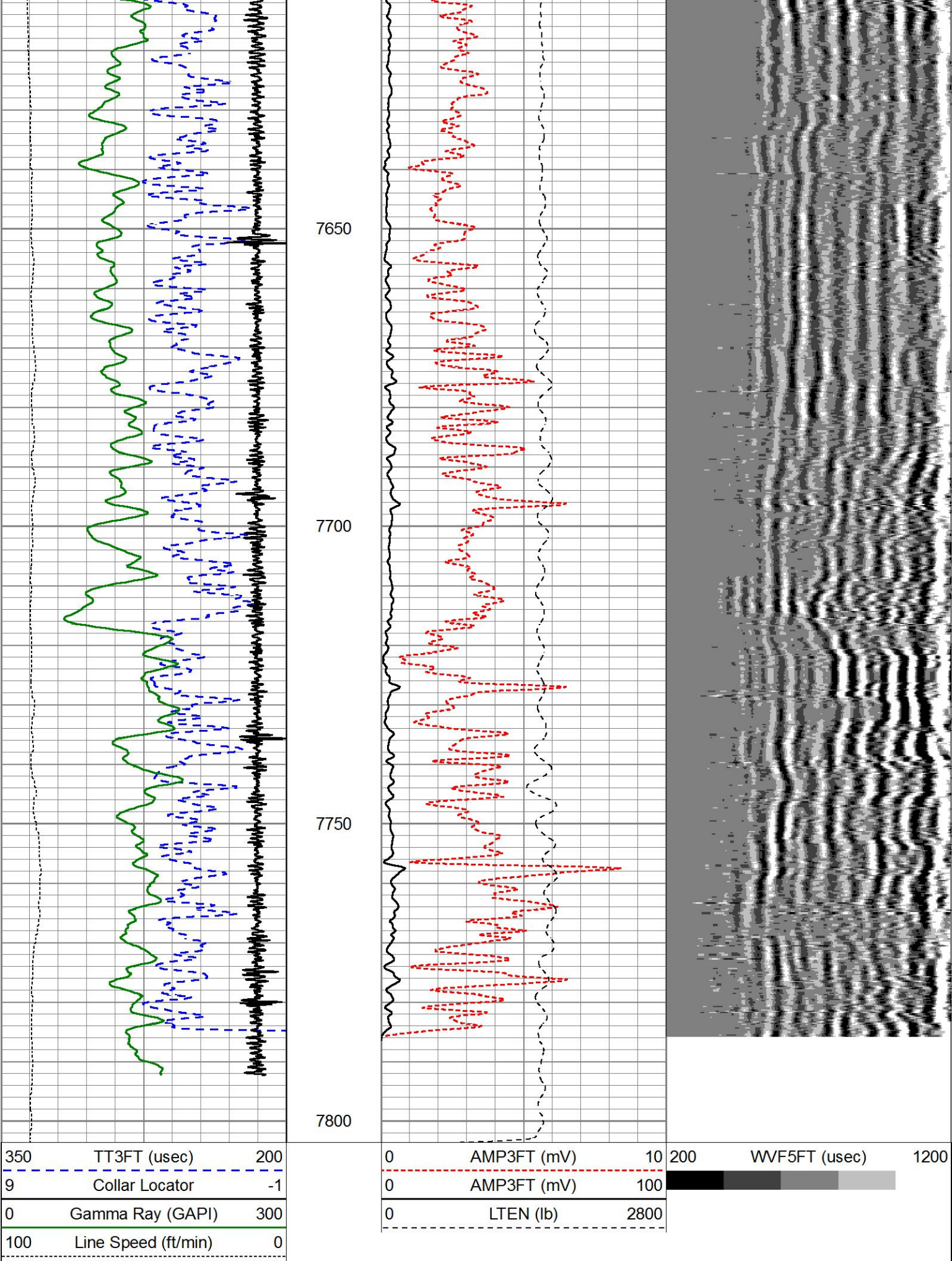
7800

7850









REPEAT PASS

5" = 100'

HALLIBURTON

Log Variables

DatabaseC:\ProgramData\Warrior\Data>true\_ouray\_5-64\_15-16-1bhz.db  
Dataset field/well/RUN1/MAIN\_PASS/\_vars\_

Top - Bottom

BITSIZE in 7.875	BOTTEMP degF 200	CASEOD in 5.5	CASETHCK in 0.361	CASEWGHT lb/ft 20	MAXAMPL mV 72	MINAMPL mV 1	MINATTN db/ft 0.8
MudWgt lb/gal 8.5	PERFS  0	PPT usec 0	SRFTEMP degF 70	TDEPTH ft 17788			

Calibration Report	
Database File	true_ouray_5-64_15-16-1bhz.db
Dataset Pathname	RPT
Dataset Creation	Wed Aug 15 12:31:56 2018

Gamma Ray Calibration Report
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Type / Serial:	Probe275dig / 061016
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SHOP CALIBRATION		Mon Aug 13 10:32:42 2018			
	Counts/Sec.	Gain	Offset	Jig	Units
Background	55.9				cps
Calibrator	254.9				cps
		1.2111			GAPI/cps
PRIMARY VERIFICATION		Mon Aug 13 10:35:06 2018			
Background	70.6				cps
Calibrator	311.2				cps
Difference				240.7	GAPI
BEFORE SURVEY VERIFICATION					
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI
AFTER SURVEY VERIFICATION					
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report
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Serial Number:	070718	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	64.600	ft


Master Calibration, performed Wed Aug 15 12:03:31 2018:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.189	0.000	72.000	60.533	0.000
CAL						
5'	0.000	1.186	0.000	72.000	60.696	0.000
SUM						
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 Wed Aug 15 09:05:25 2018:						
	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-1_11_16_CH 1.6875 IN CABLE HEAD	1.50	1.44	1.00
			CENT-Hotwell (00001)	2.31	1.69	11.02
WVF3FT	18.50		CBL-Probe (070718) Probe 2.75" Dual Receiver Bond	8.92	2.75	60.00
WVF5FT	17.50					
			CENT-Hotwell (00001)	2.31	1.69	11.02
CCL	11.17					
GR	9.79		GR-Probe275dig (061016) Probe Digital Gamma CCL	4.75	2.75	57.00

			WT-1-11/16" 1.6875" WEIGHT BAR	7.25	1.69	84.00
Dataset: true_ouray_5-64_15-16-1bhz.db: field/well/RUN1/MAIN_PASS Total length: 27.04 ft Total weight: 224.05 lb O.D.: 2.75 in						

Company	TRUE OIL, LLC				
Well	OURAY 5-64 15-16-1BHZ				
Field	WILDCAT				
County	ARAPAHOE	State	CO		
HALLIBURTON		CEMENT BOND LOG			