



DUAL INDUCTION LOG

Company SECURE EXPL. & PRODUCTION Well HATFIELD / MERRITT #1 Field STEWART County FINNEY State KANSAS	Company SECURE EXPLORATION & PRODUCTION, LLC.		
	Well HATFIELD / MERRITT #1		
	Field STEWART		
	County FINNEY State KANSAS		
Location:		API #: 15-055-22606-0000	Other Services CDL/CNL/PE MEL/SONIC
2310' FSL & 2300' FEL E/2 - NW - NW - SE			
SEC 11 TWP 23S RGE 31W			Elevation
Permanent Datum GROUND LEVEL Elevation 2878			K.B. 2889
Log Measured From KELLY BUSHING 11' A.G.L			D.F. 2887
Drilling Measured From KELLY BUSHING			G.L. 2878
Date	2/16/24		
Run Number	ONE		
Depth Driller	4930		
Depth Logger	4932		
Bottom Logged Interval	4930		
Top Log Interval	00		
Casing Driller	8.675@465		
Casing Logger	465		
Bit Size	7.785		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,000 PPM	
Density / Viscosity	9.5/60		
pH / Fluid Loss	11.0/6.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.50@52F		
Rmf @ Meas. Temp	1.13@52F		
Rmc @ Meas. Temp	1.80@52F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.629@124F		
Time Circulation Stopped	2.5 HOURS		
Time Logger on Bottom	11:15 P.M.		
Maximum Recorded Temperature	124F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS	JEREMEY PASEK	
Witnessed By	WES HANSEN		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

15-055-22606-0000 Comments

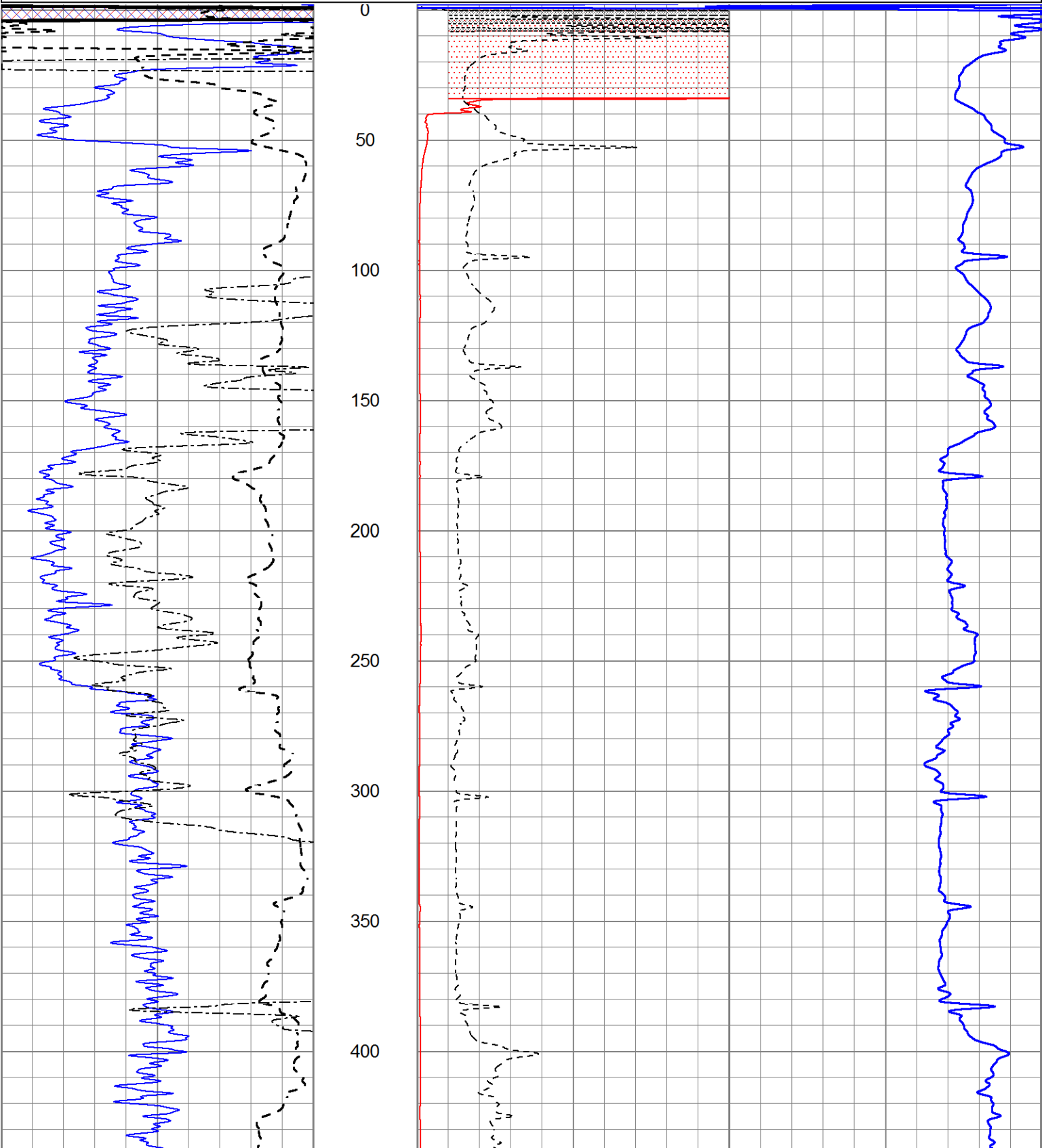
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
GARDEN CITY, KS.,9E. ON HWY 156 TO "N. SHERMAN RD.", 3/4N., E. INTO

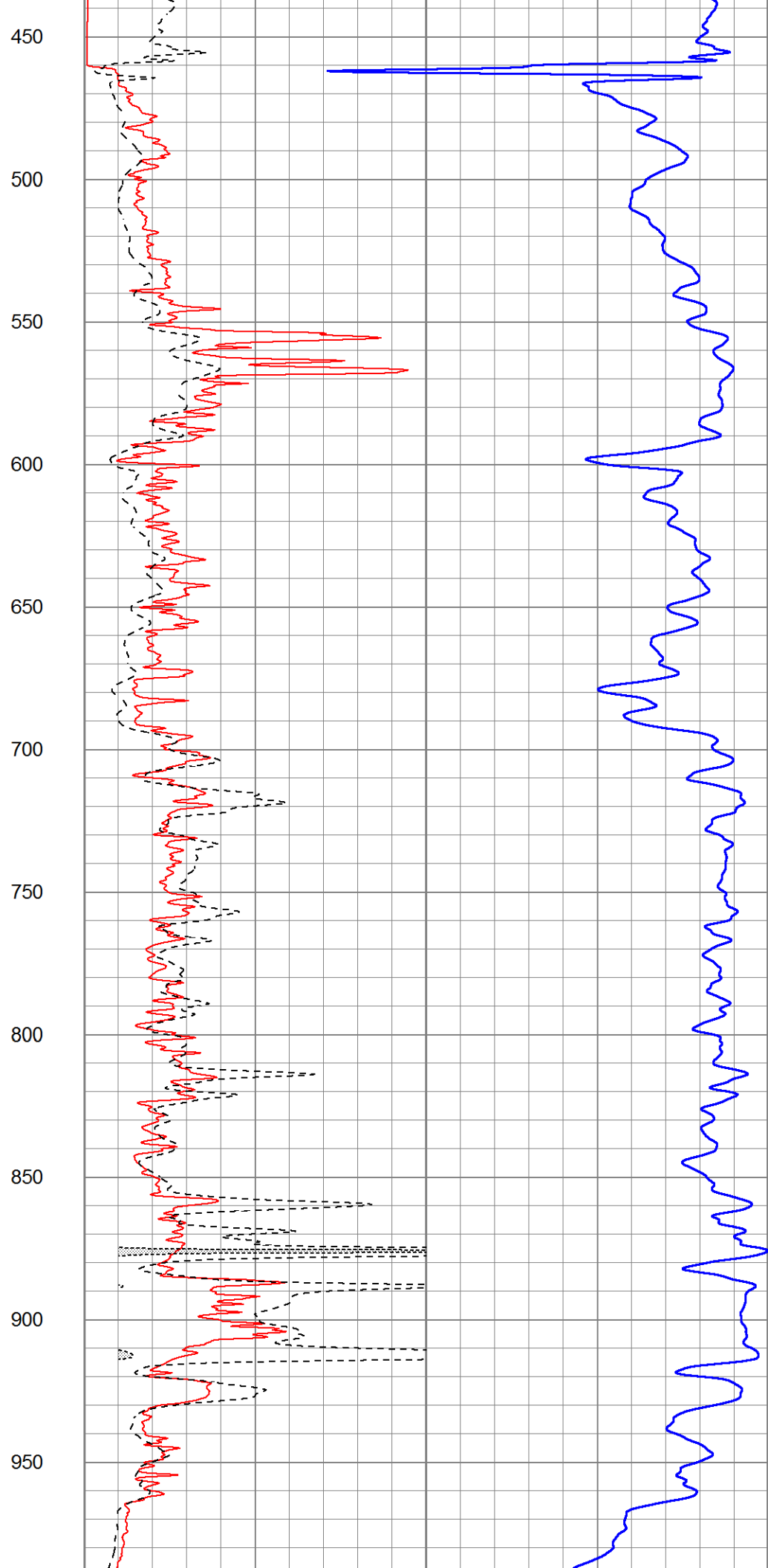
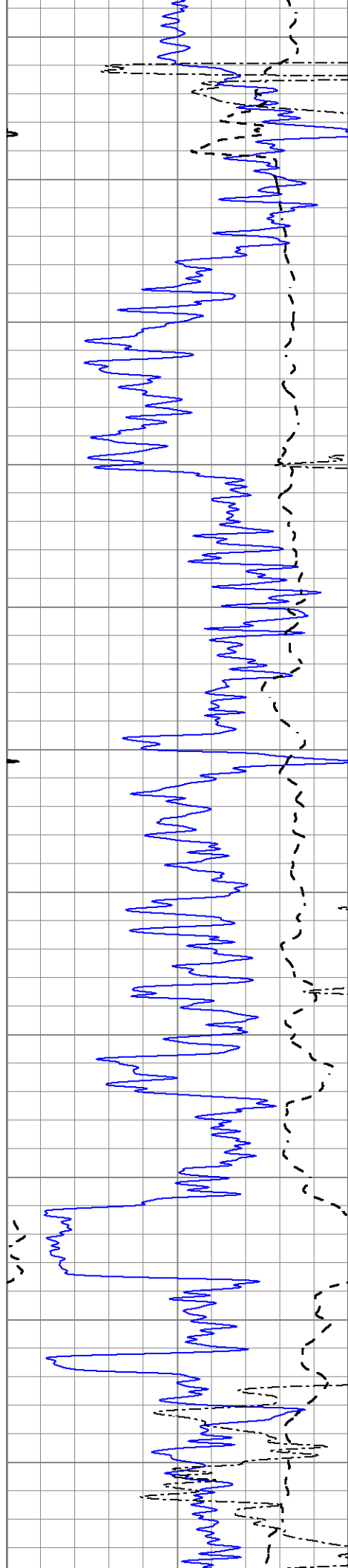


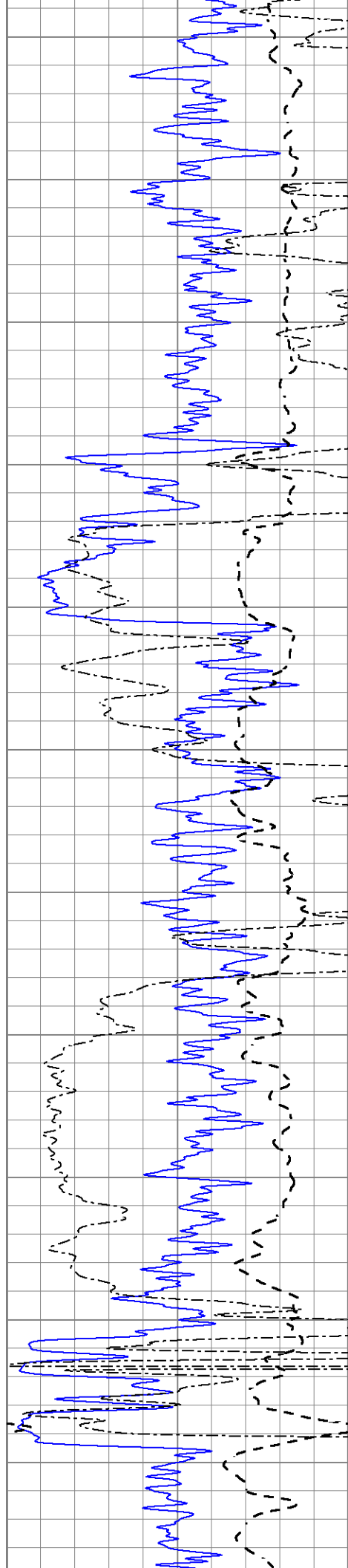
MAIN SECTION

Database File	8412pe.db
Dataset Pathname	pass4.1M
Presentation Format	_dil2
Dataset Creation	Sat Feb 17 01:22:29 2024
Charted by	Depth in Feet scaled 1:600

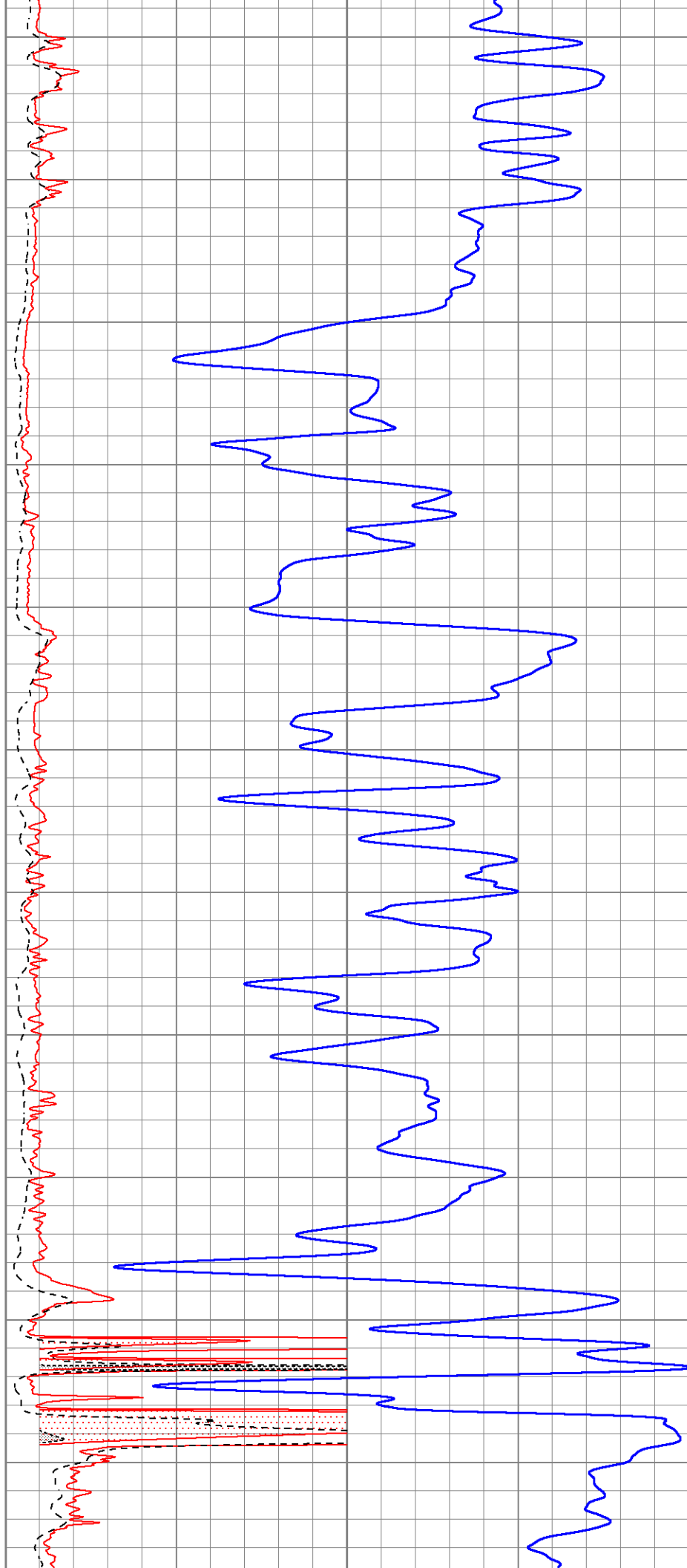
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-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
0	RWA (Ohm-m)	1	0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500

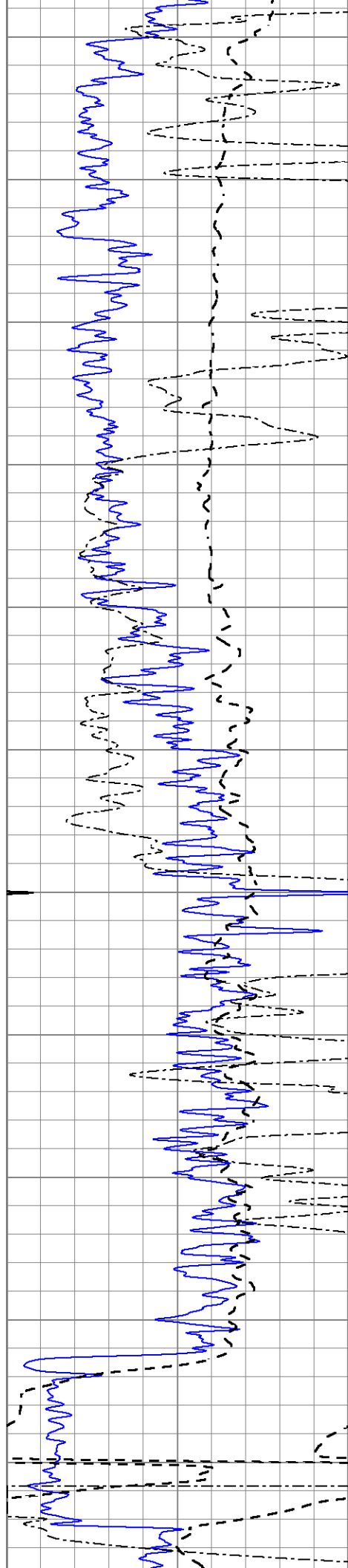




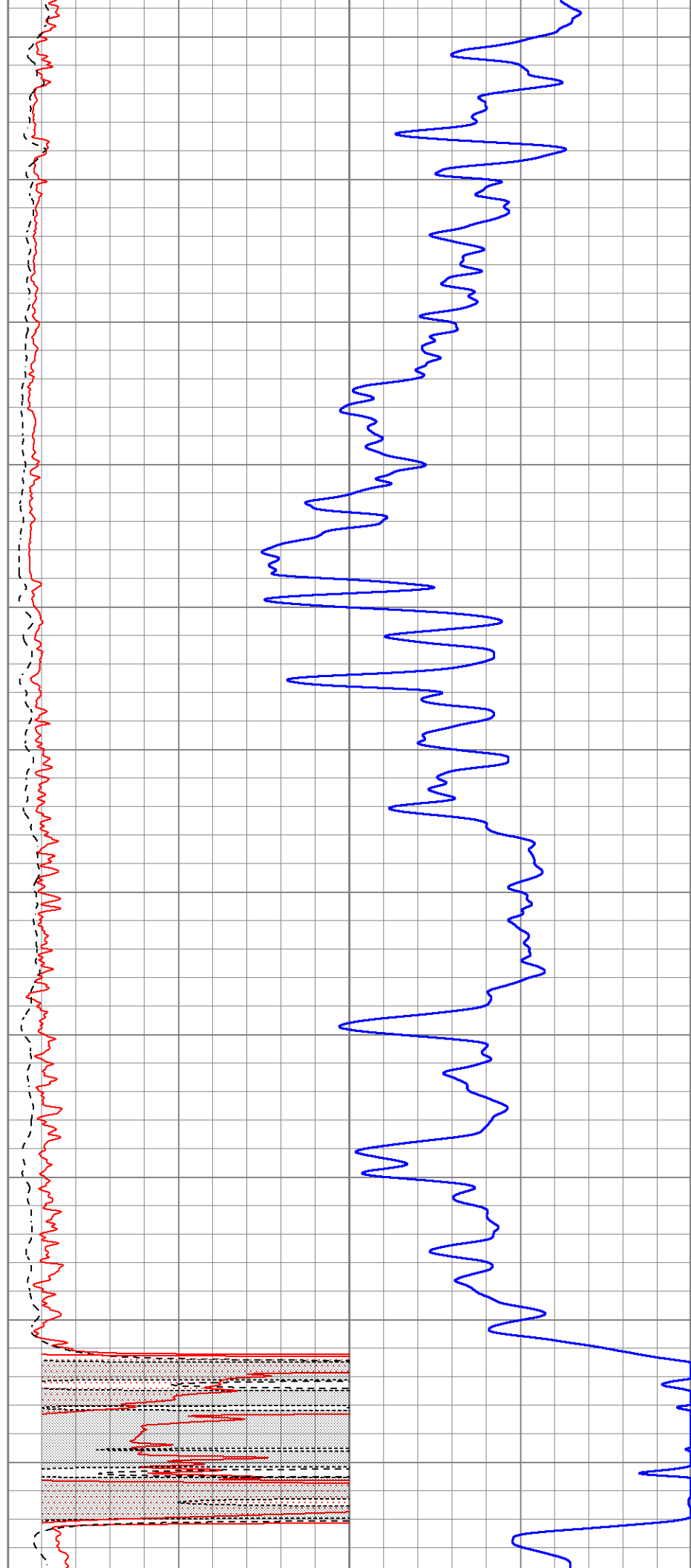


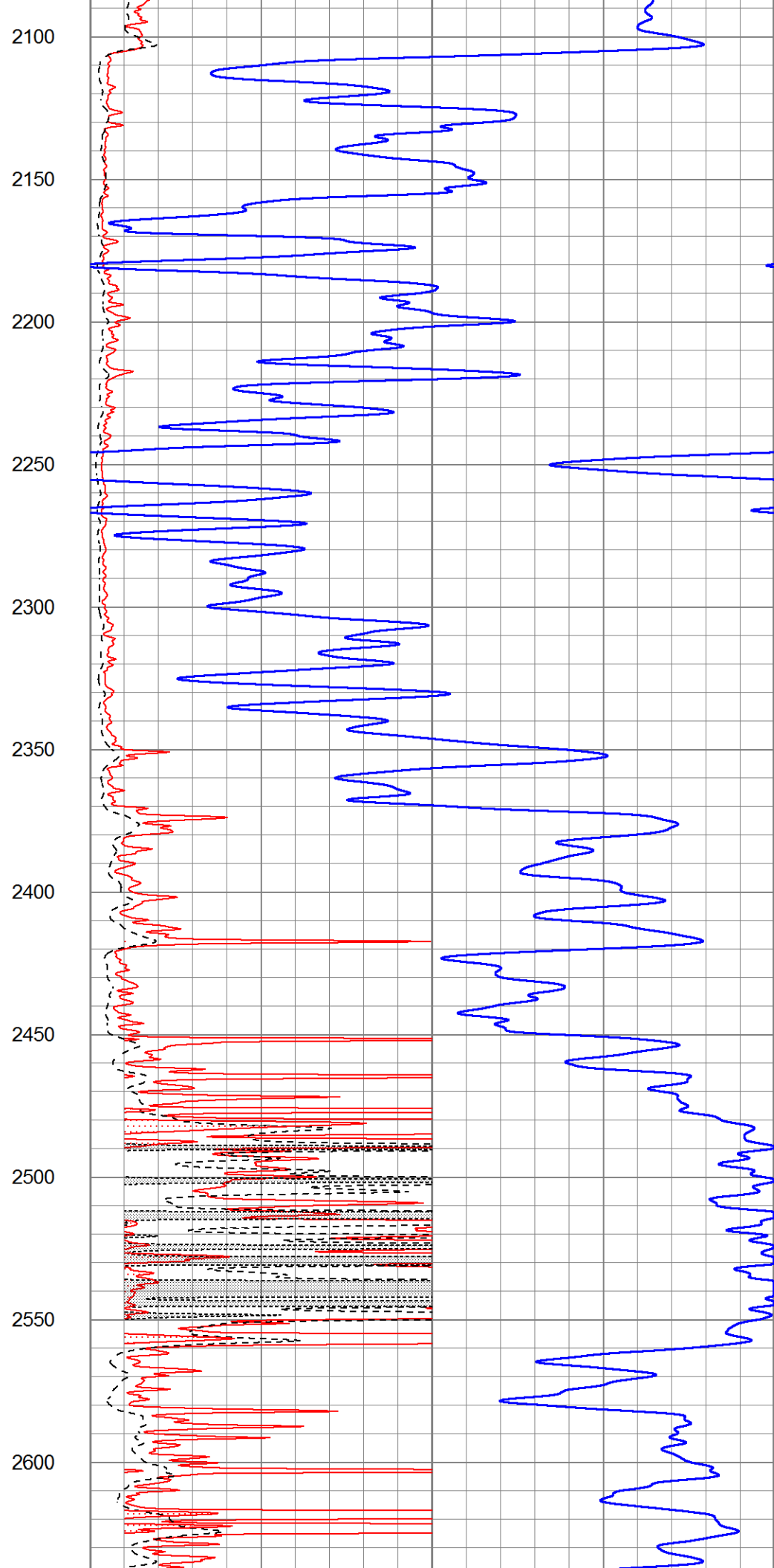
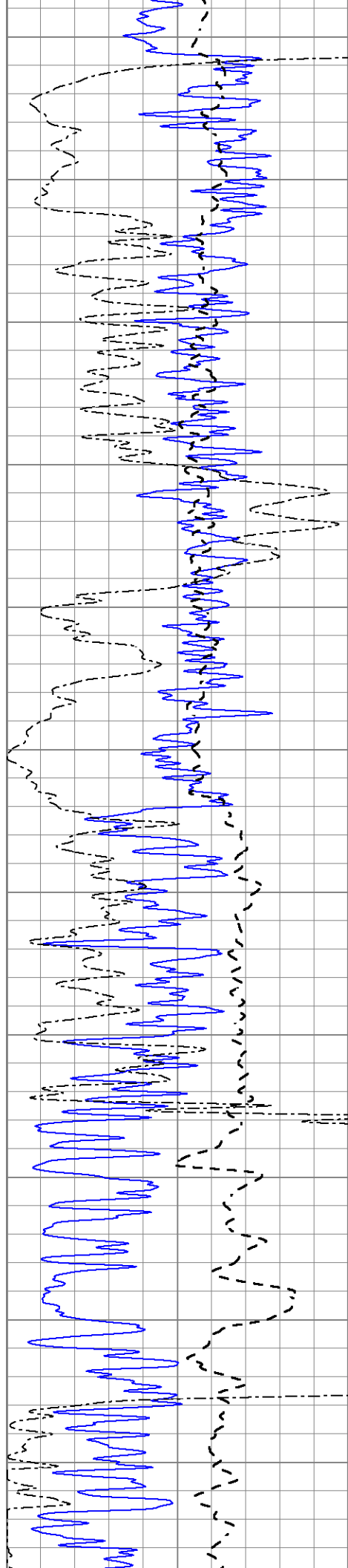
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1050
1100
1150
1200
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1300
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1400
1450
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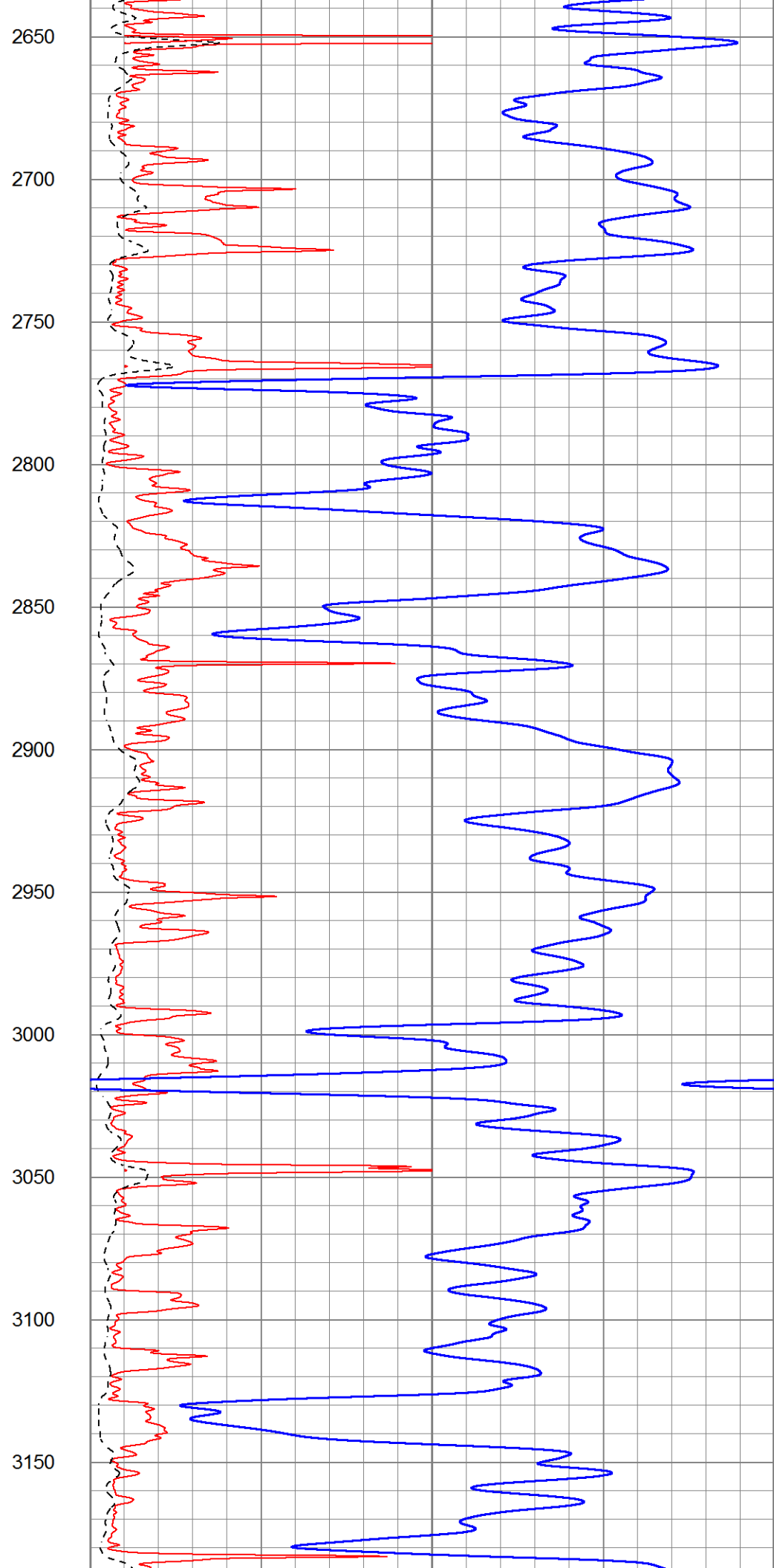
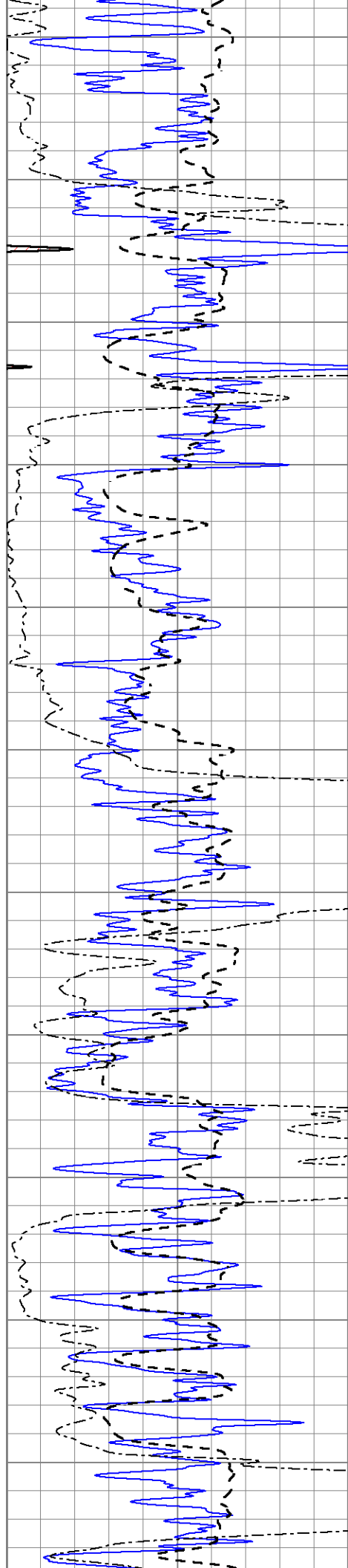


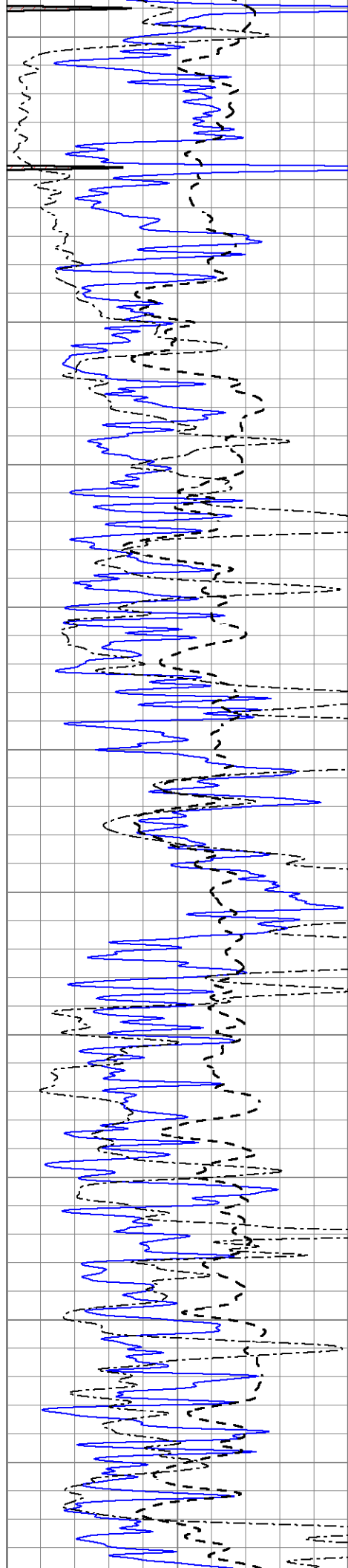


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2050









3200

3250

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3350

3400

3450

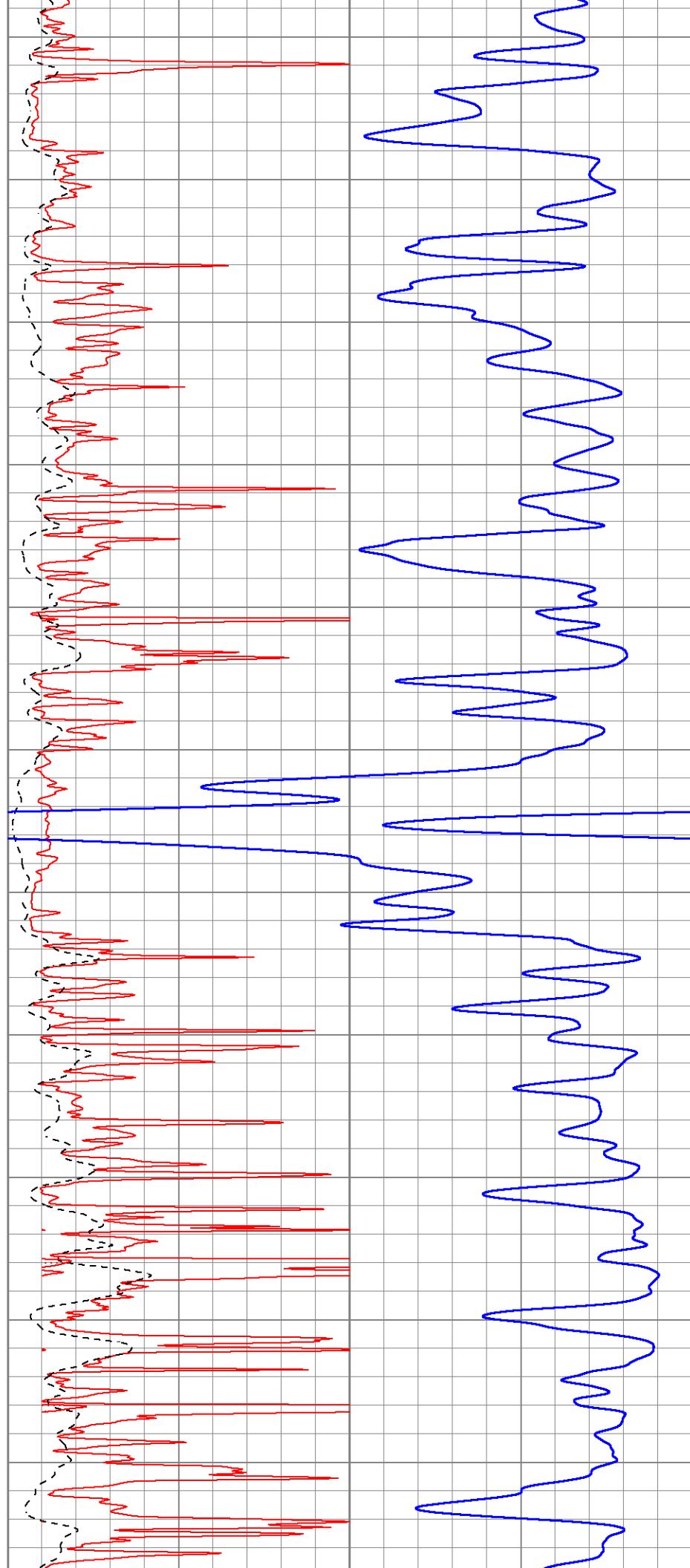
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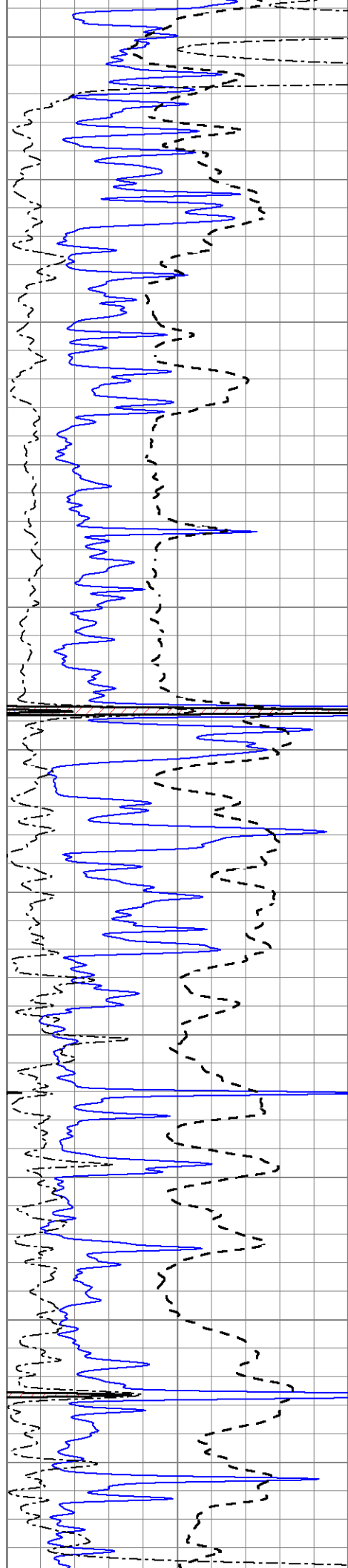
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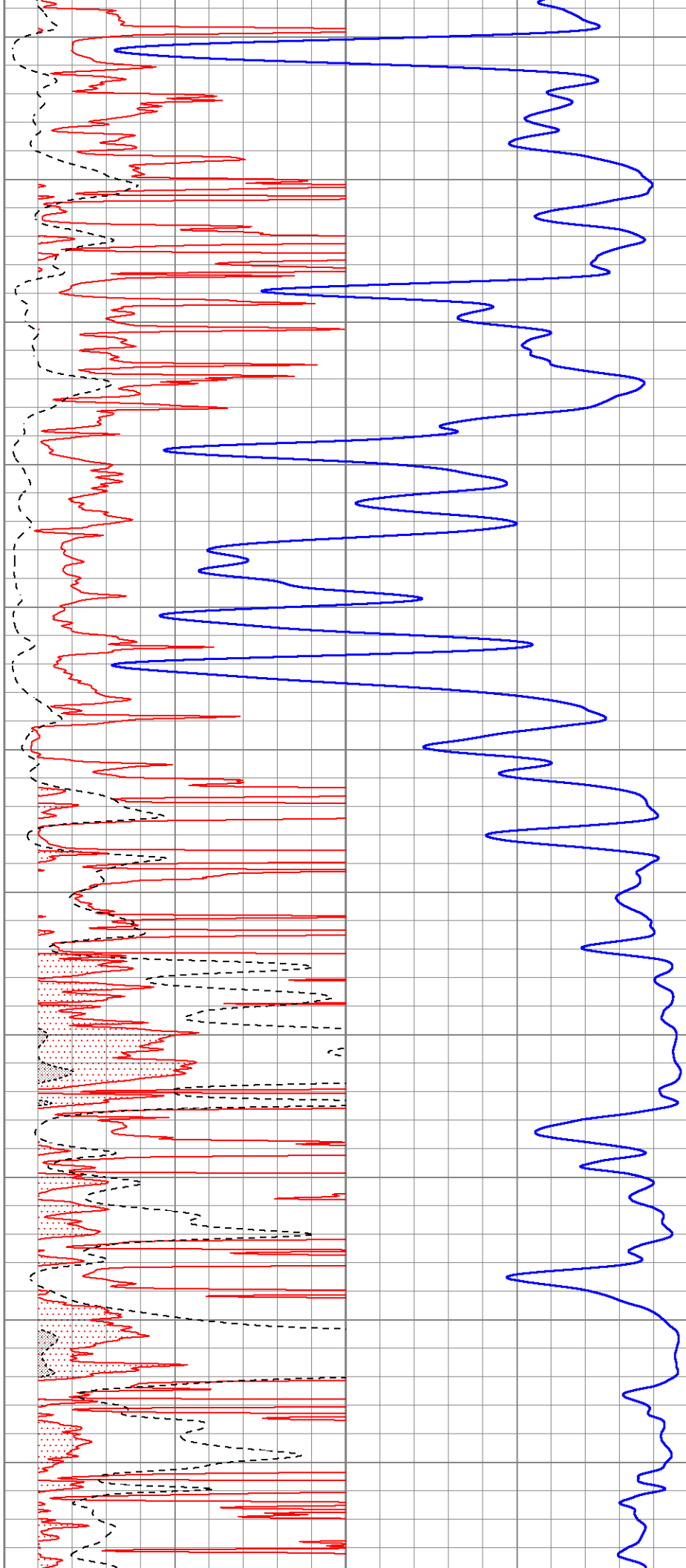
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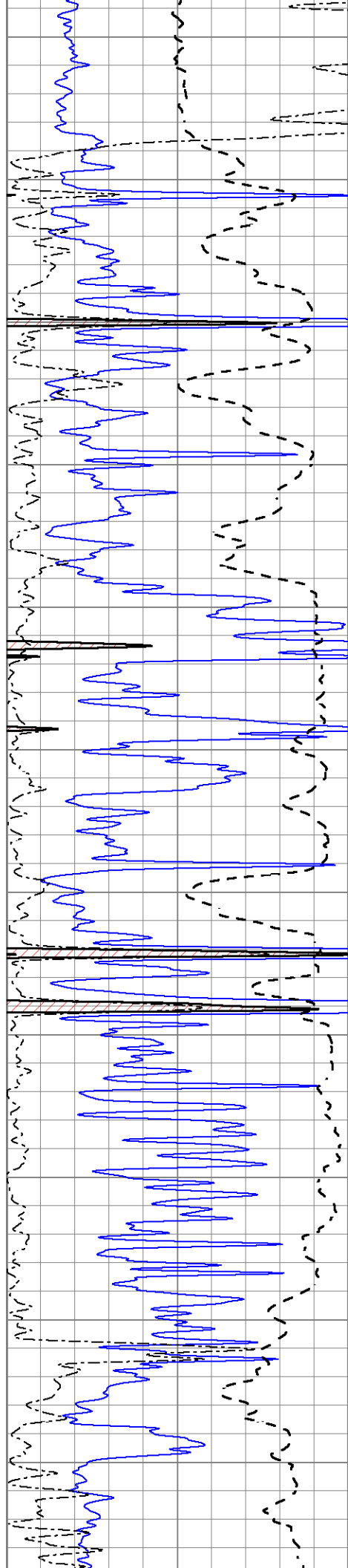
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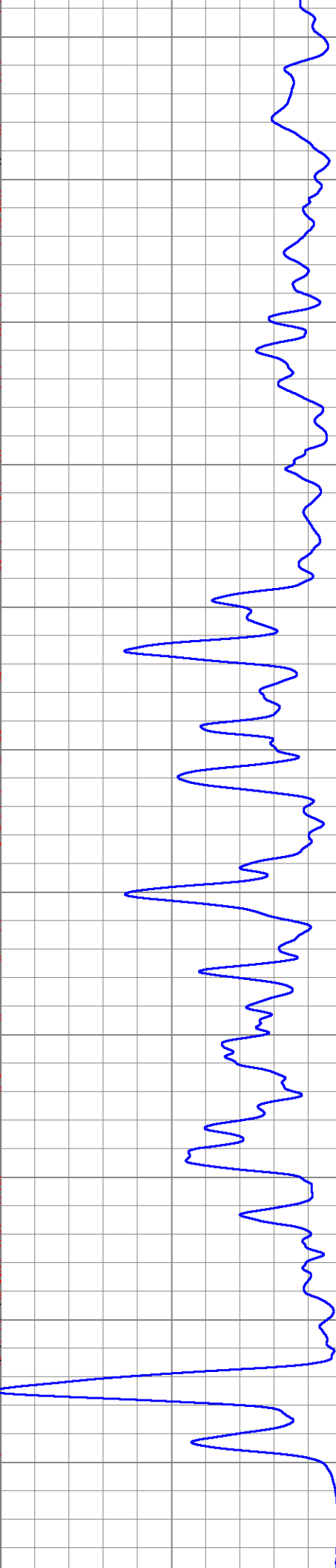
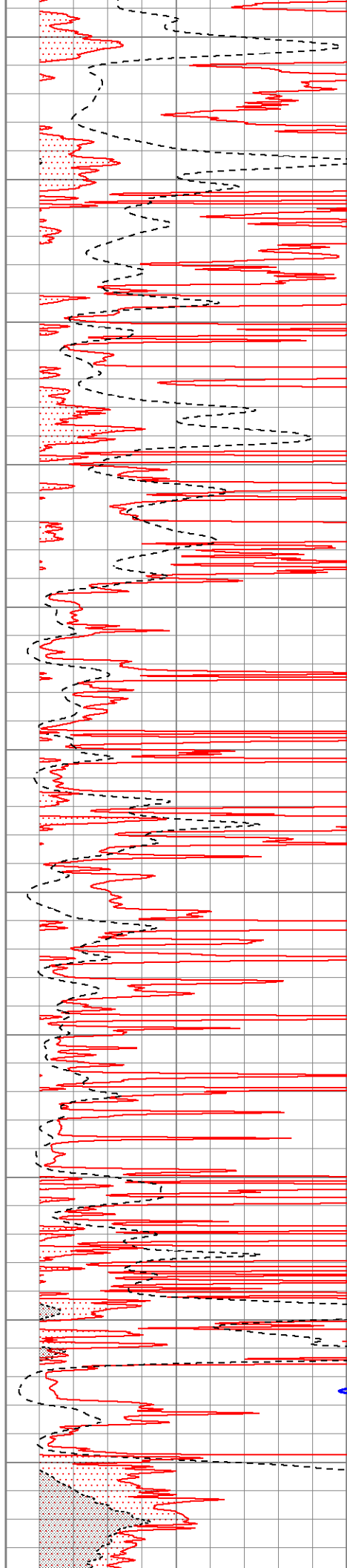
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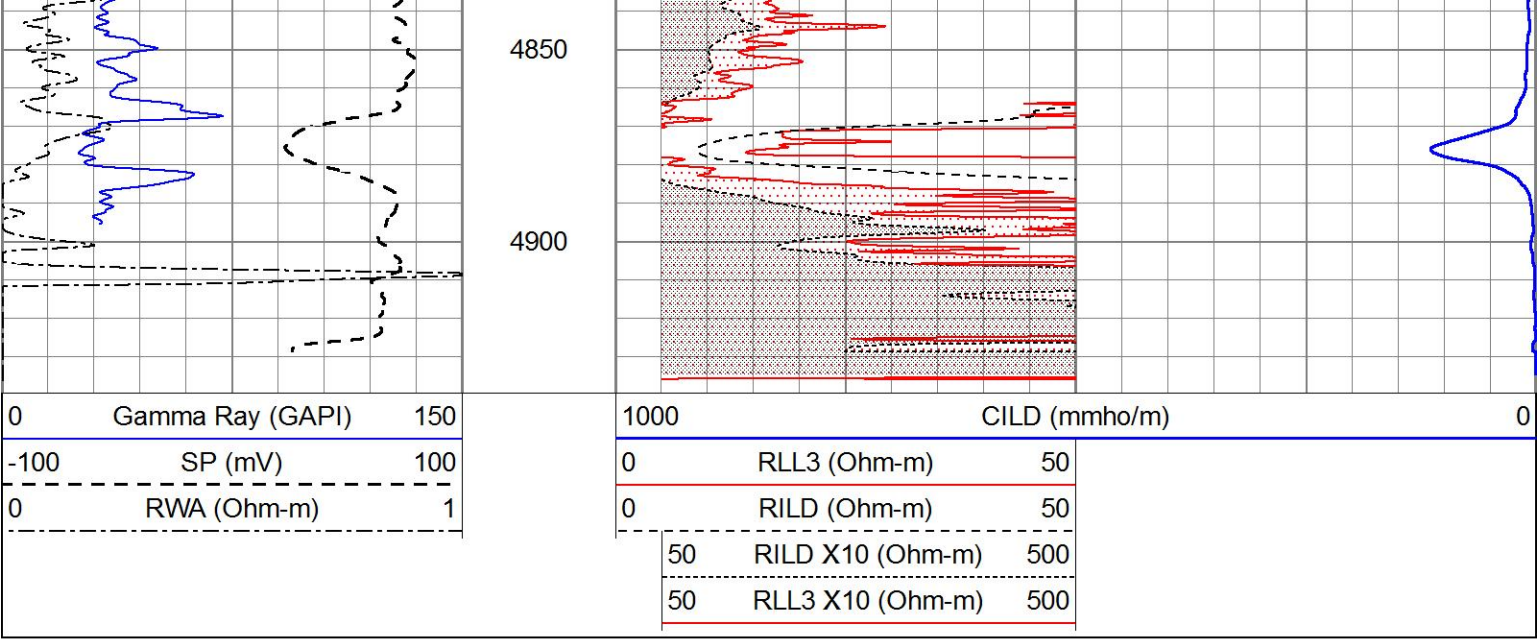
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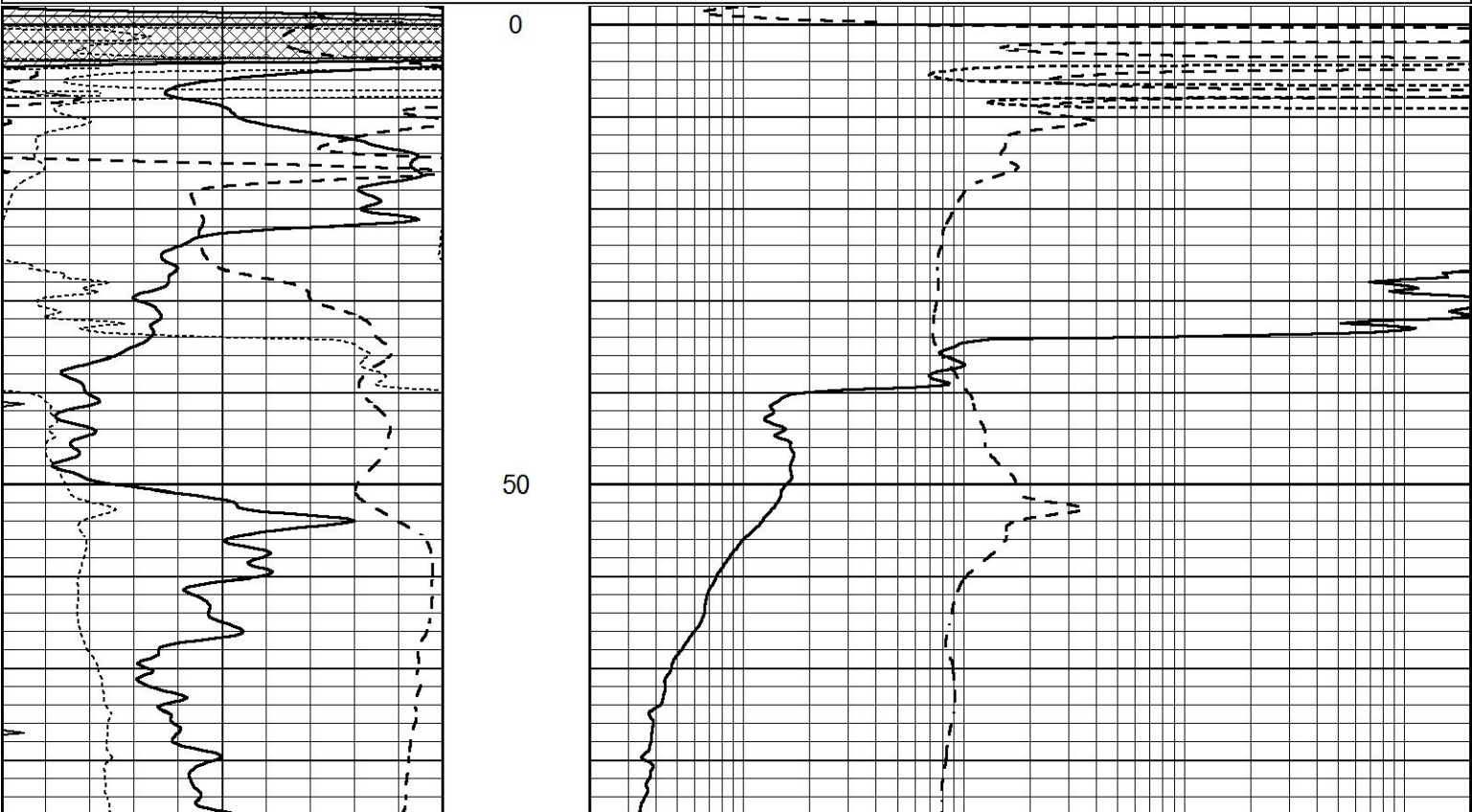


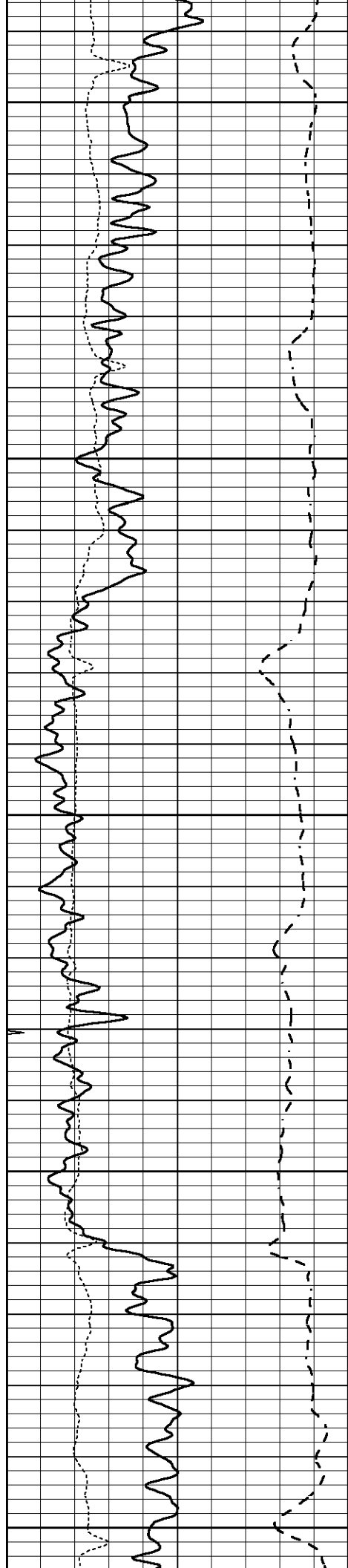


MAIN SECTION

Database File	8412pe.db
Dataset Pathname	pass4.1M
Presentation Format	_dil
Dataset Creation	Sat Feb 17 01:22:29 2024
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	20			





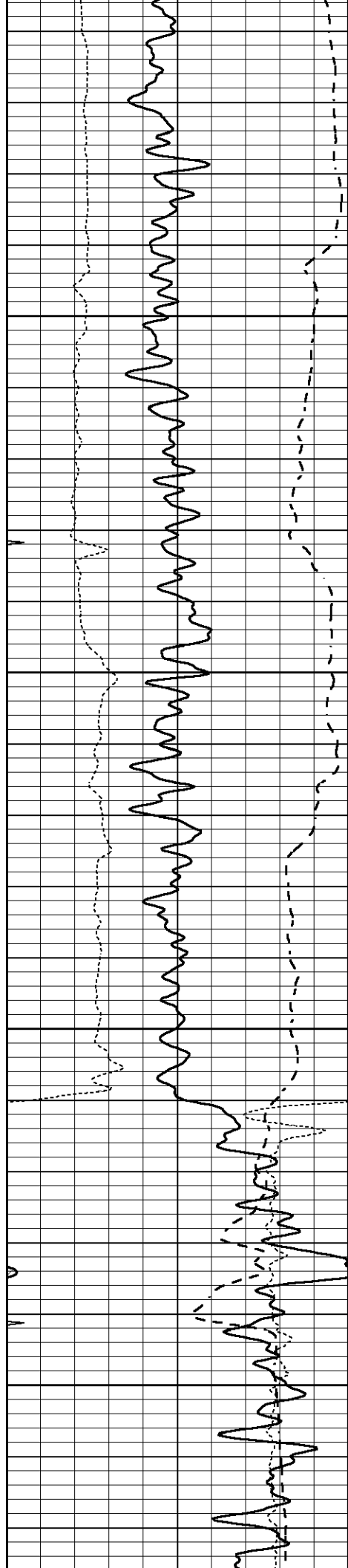
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150

200

250

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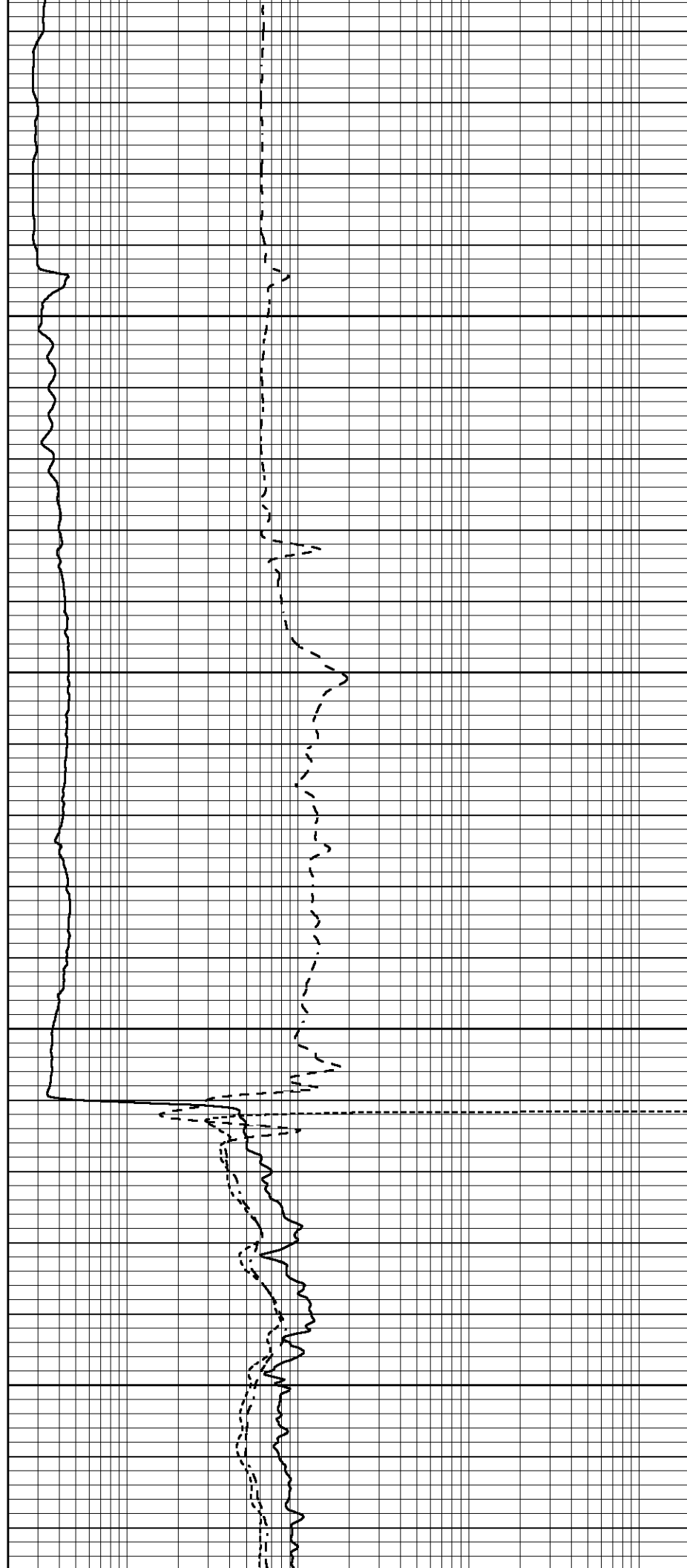


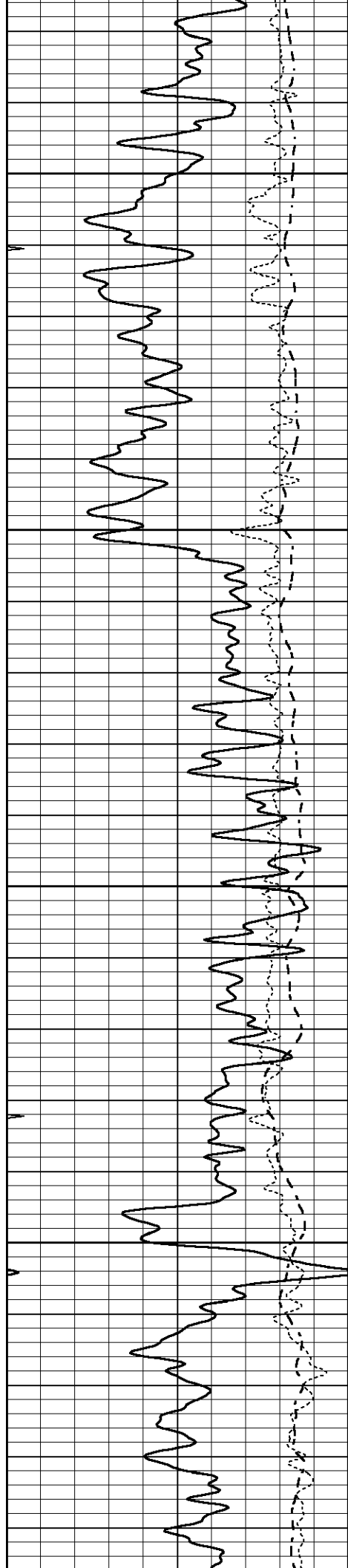
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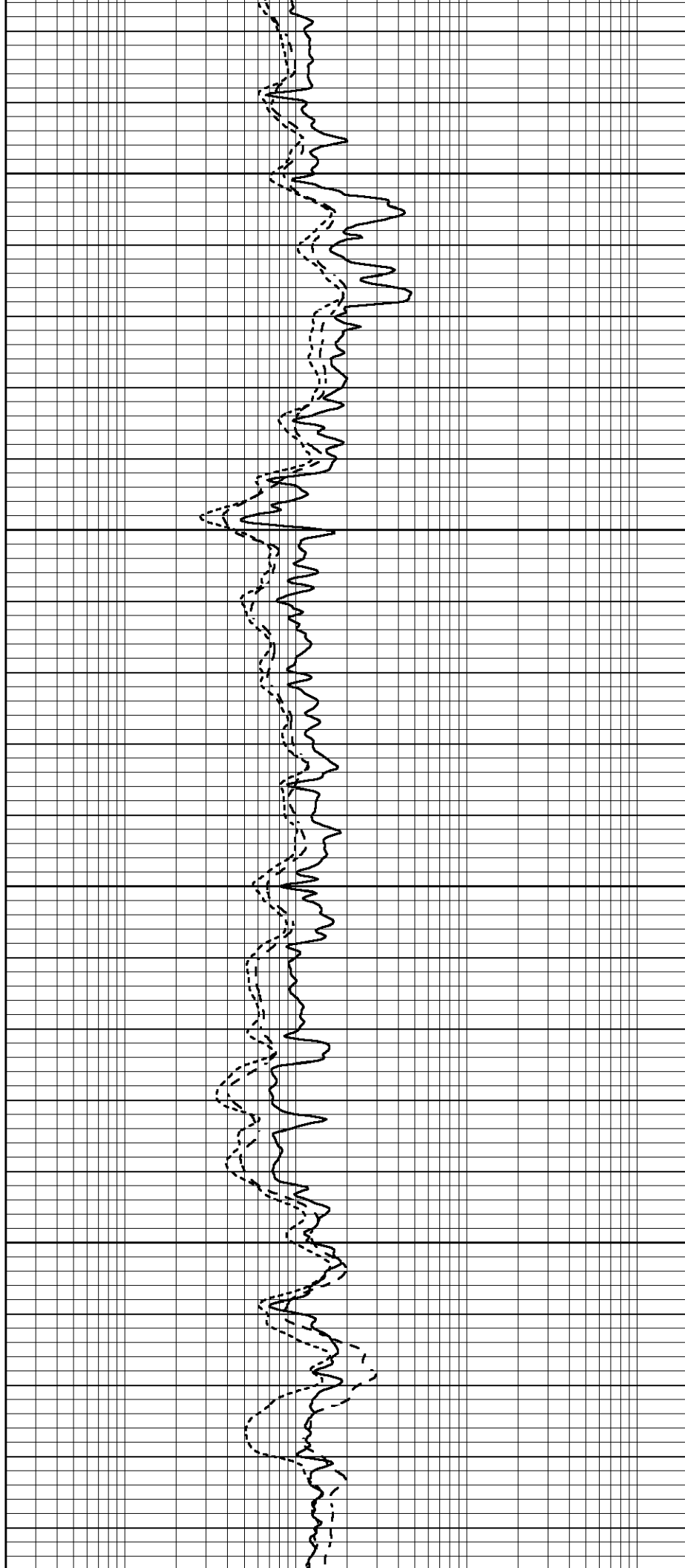


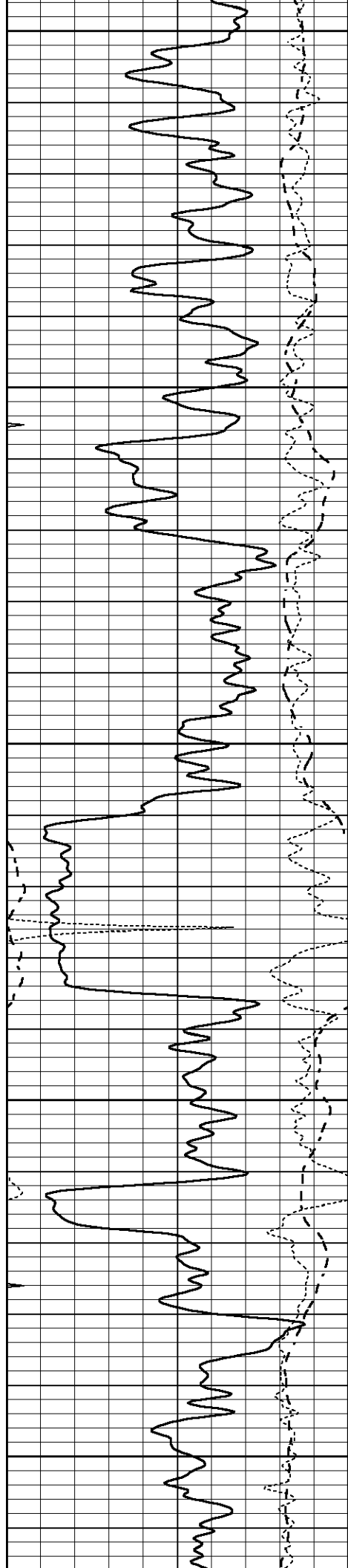
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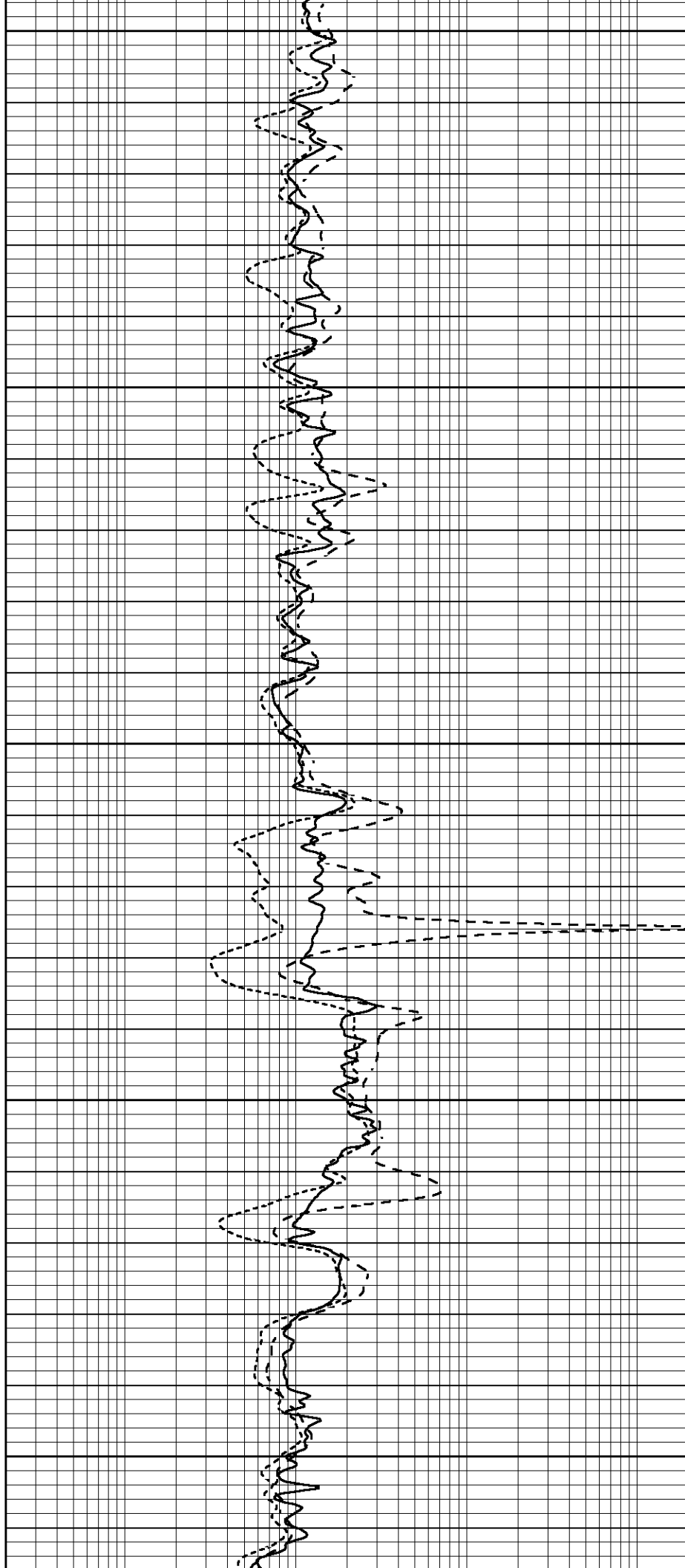
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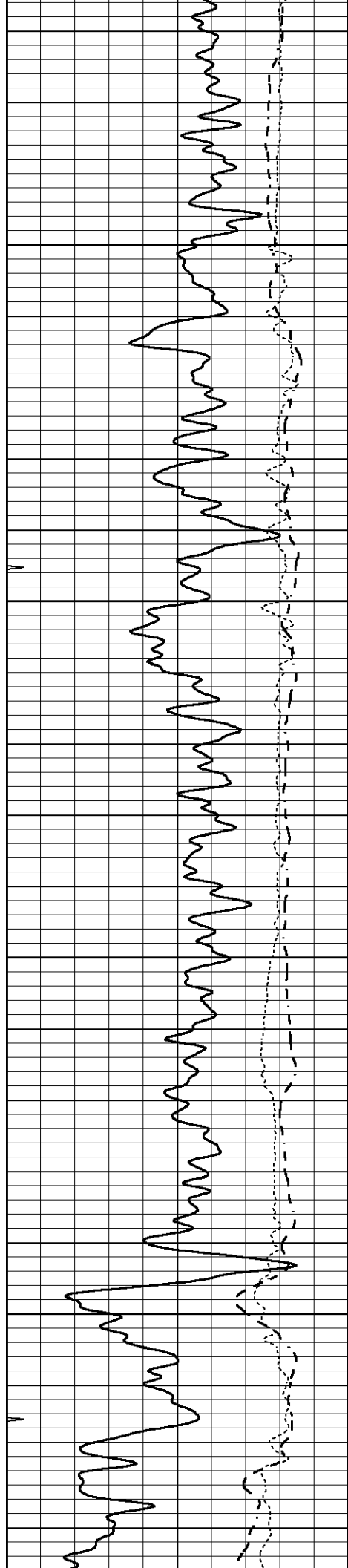
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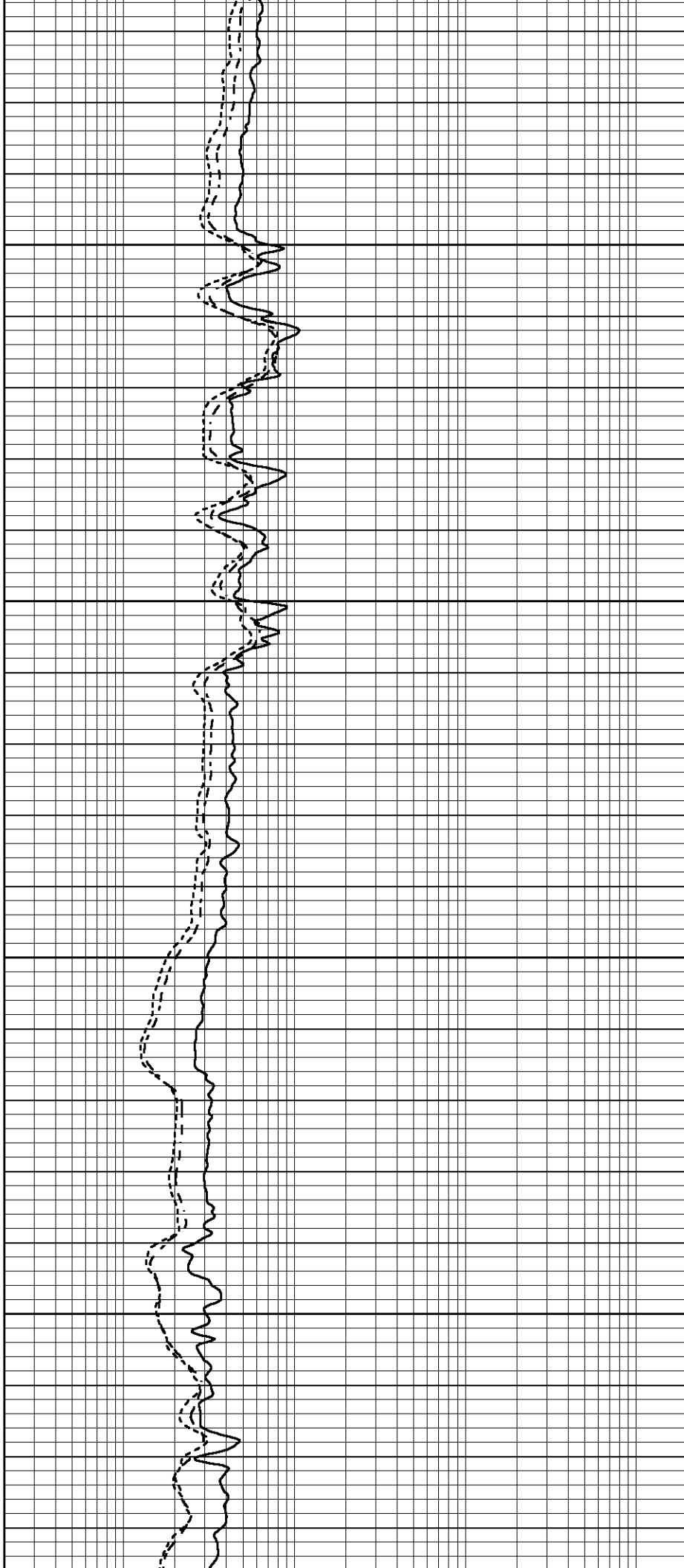


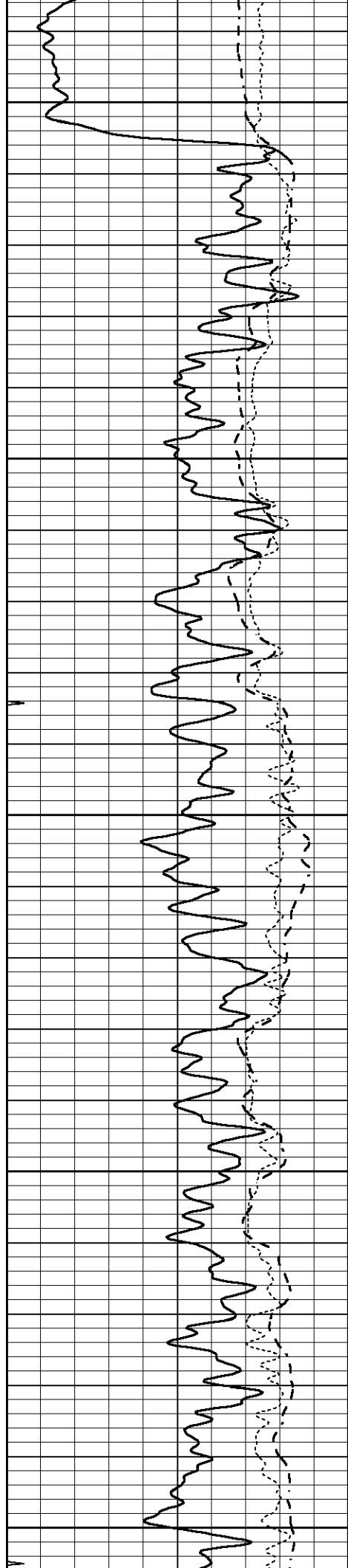
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1150





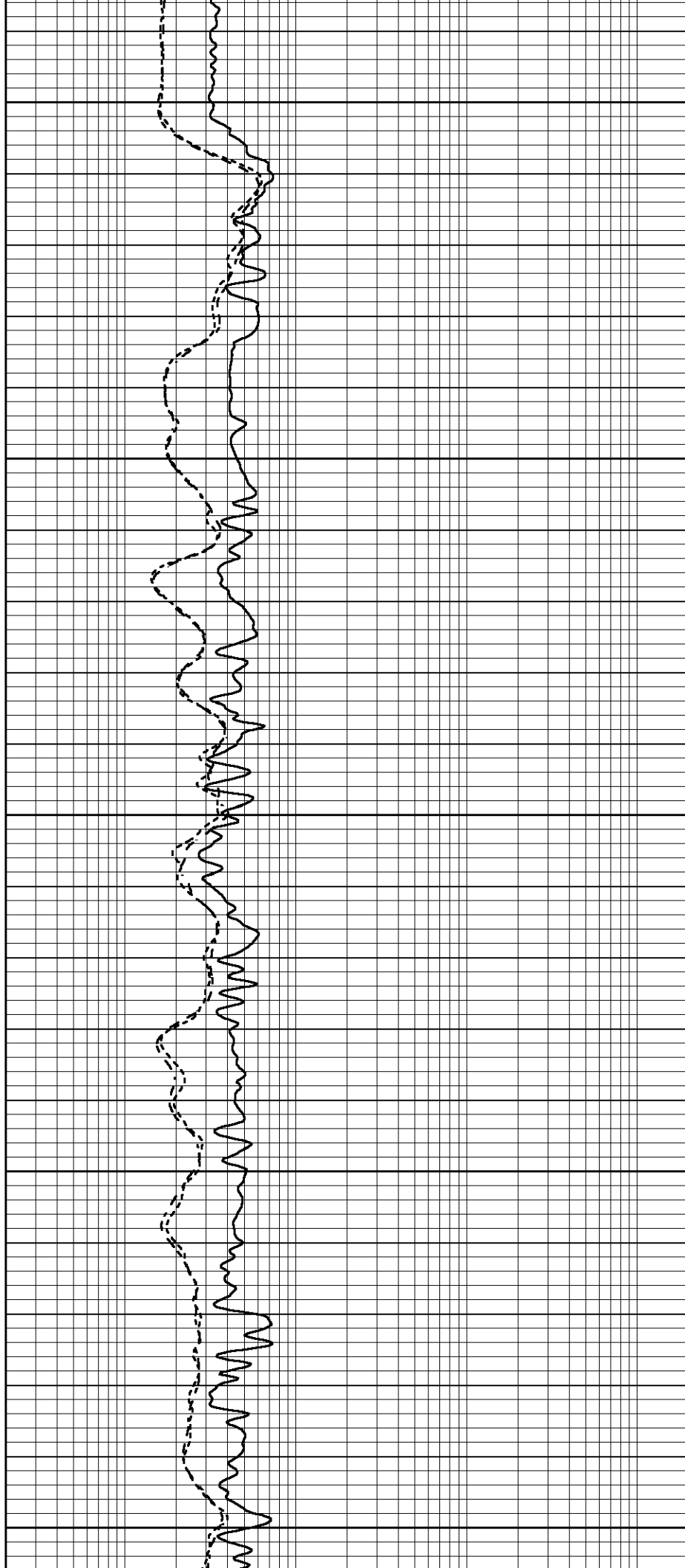
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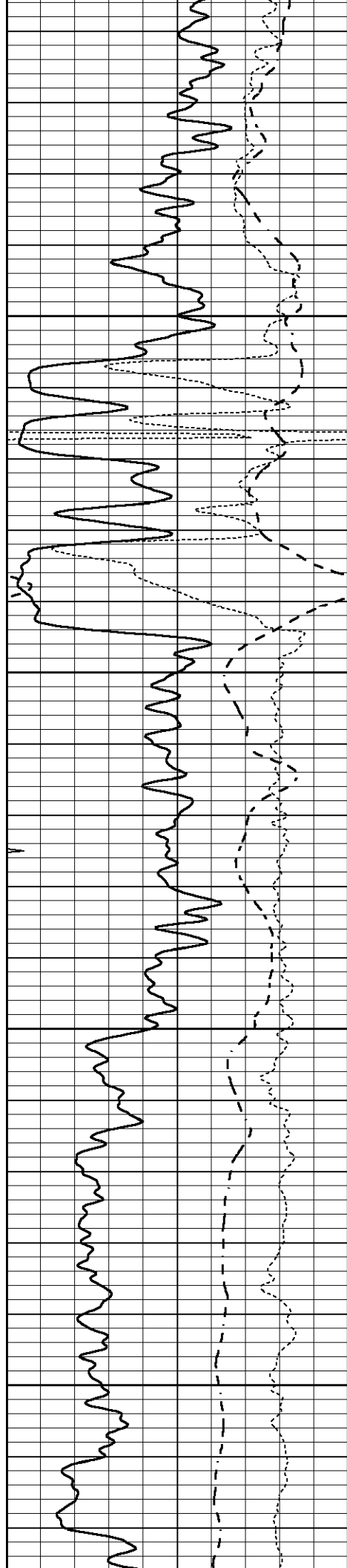
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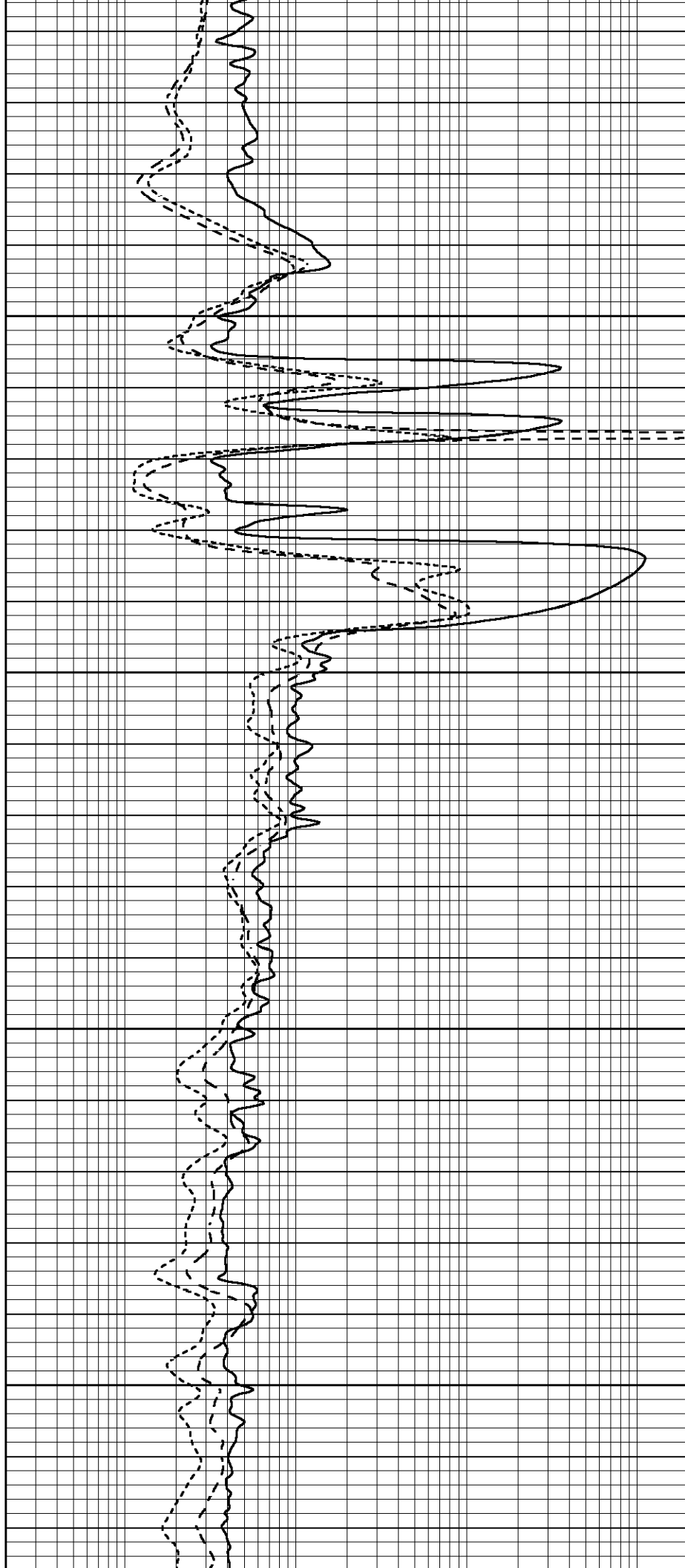


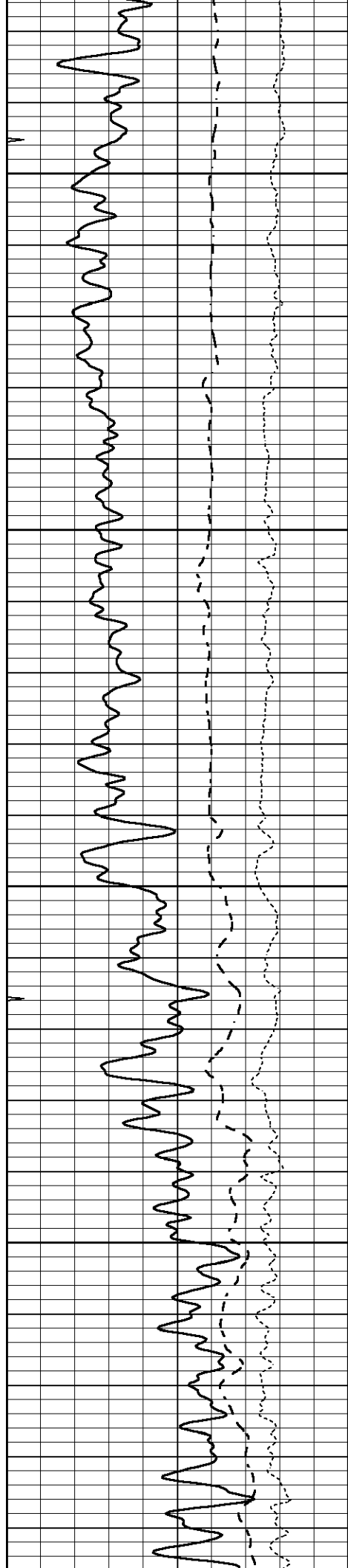
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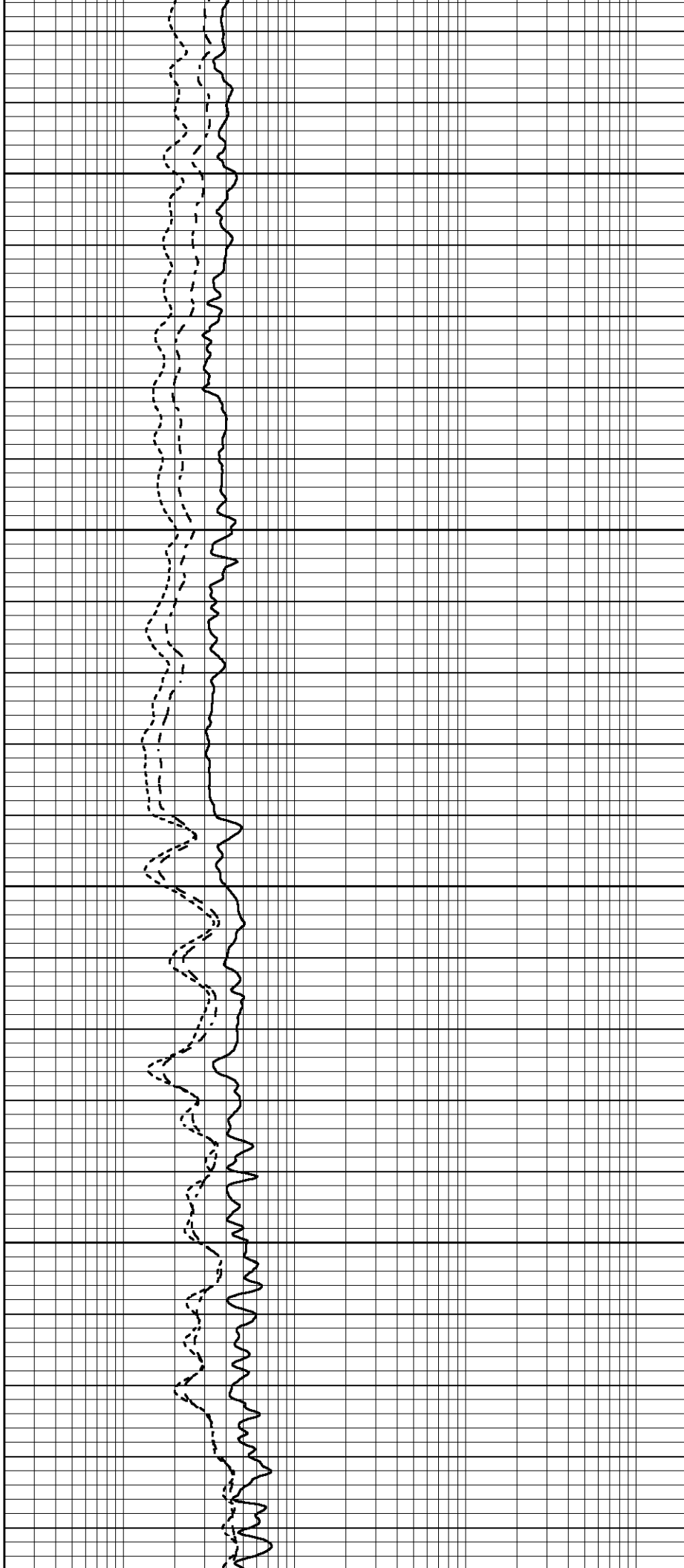


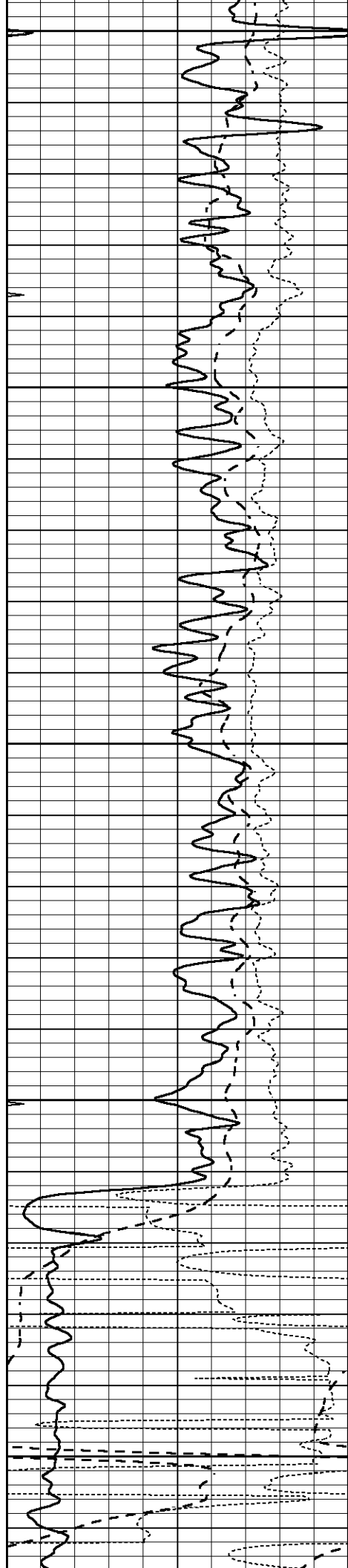
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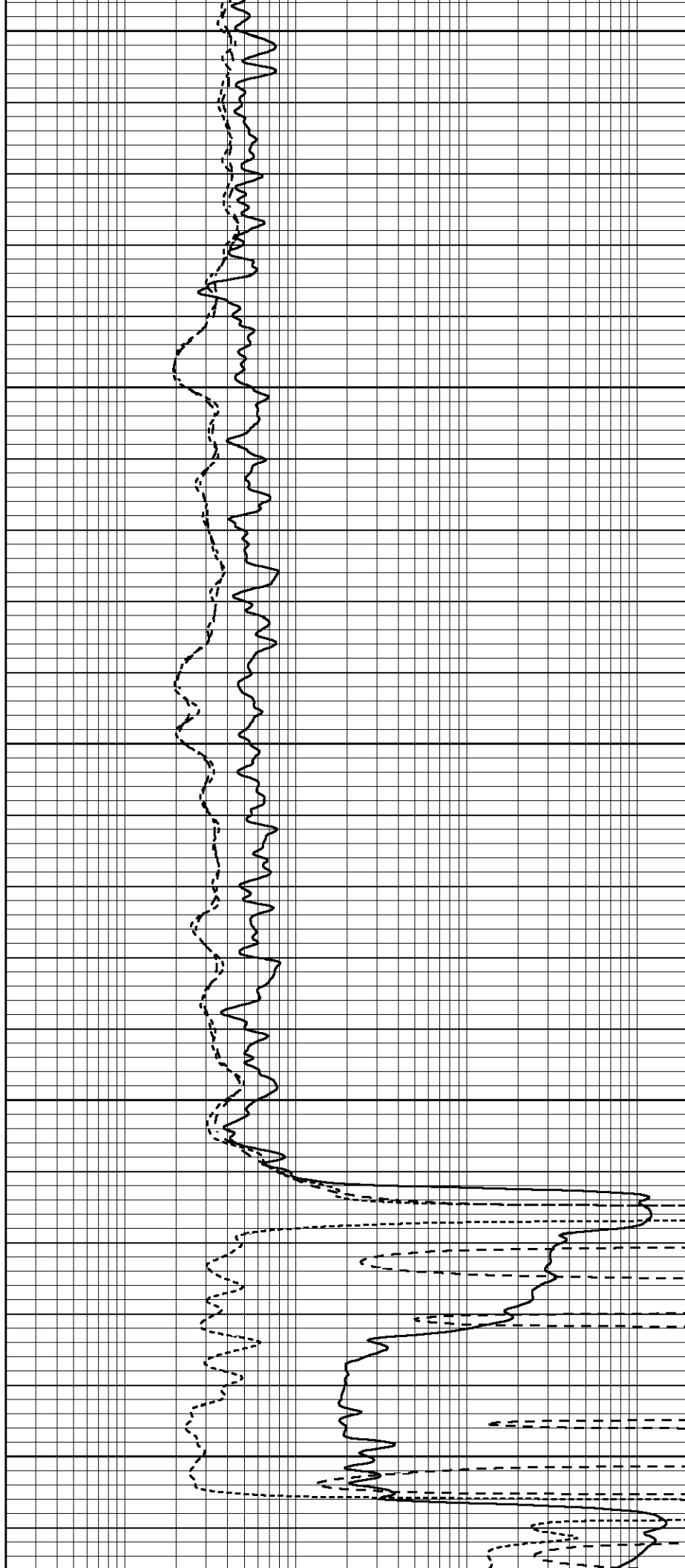
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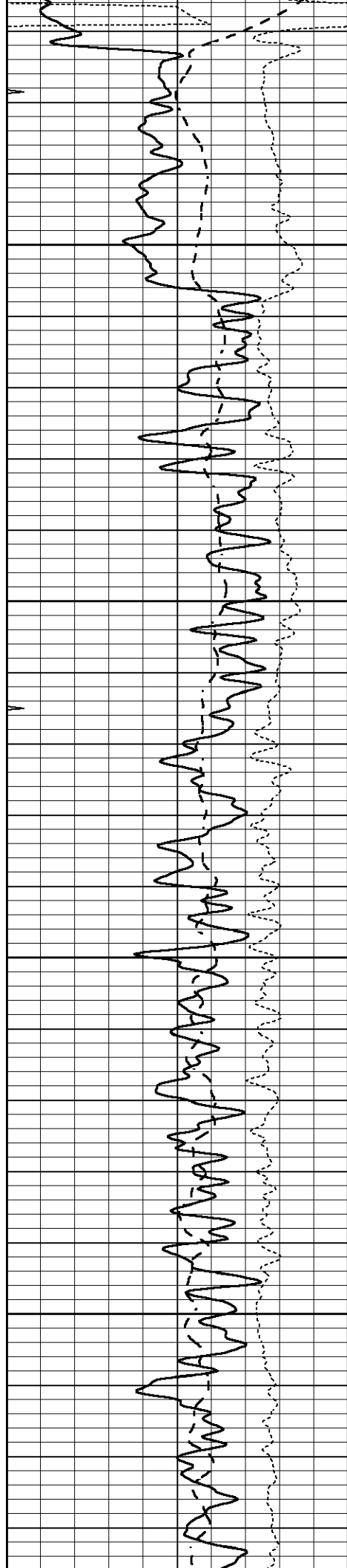
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2050



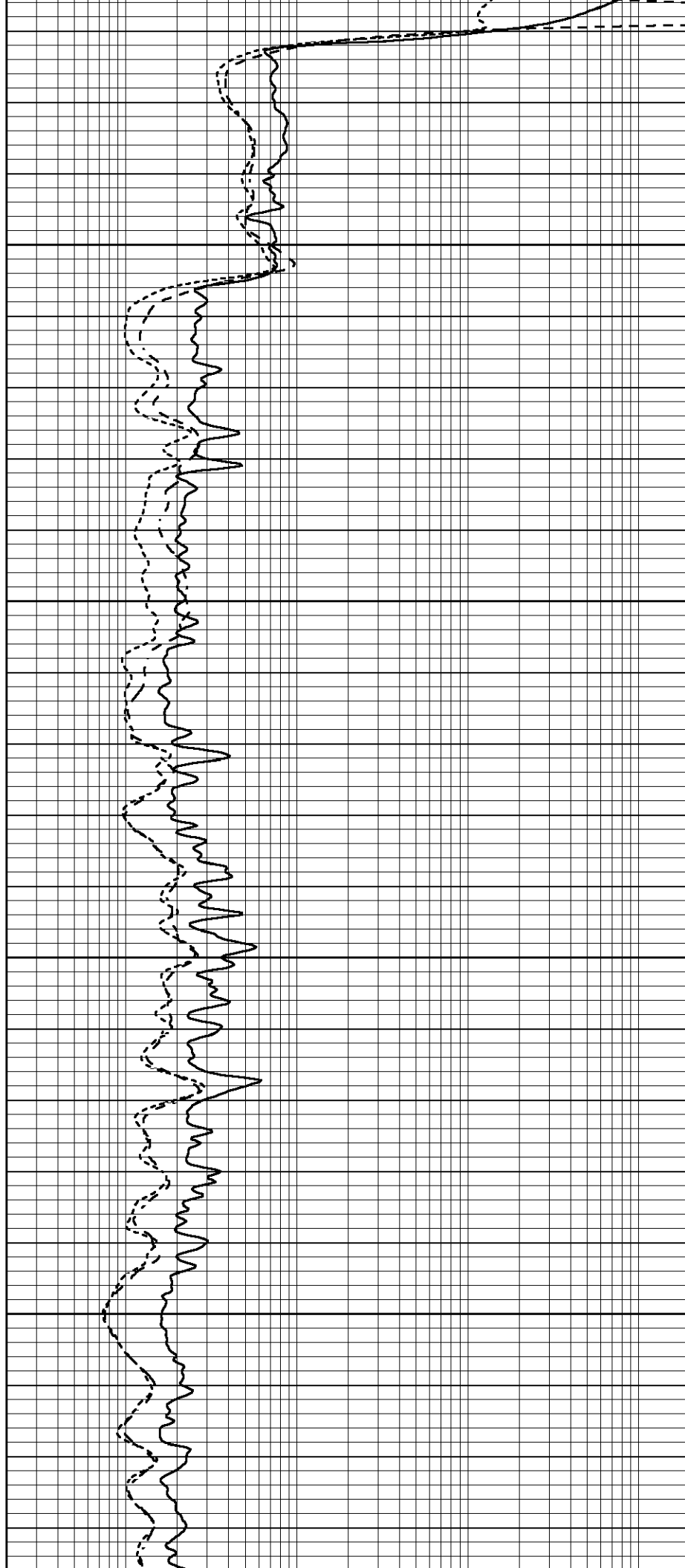


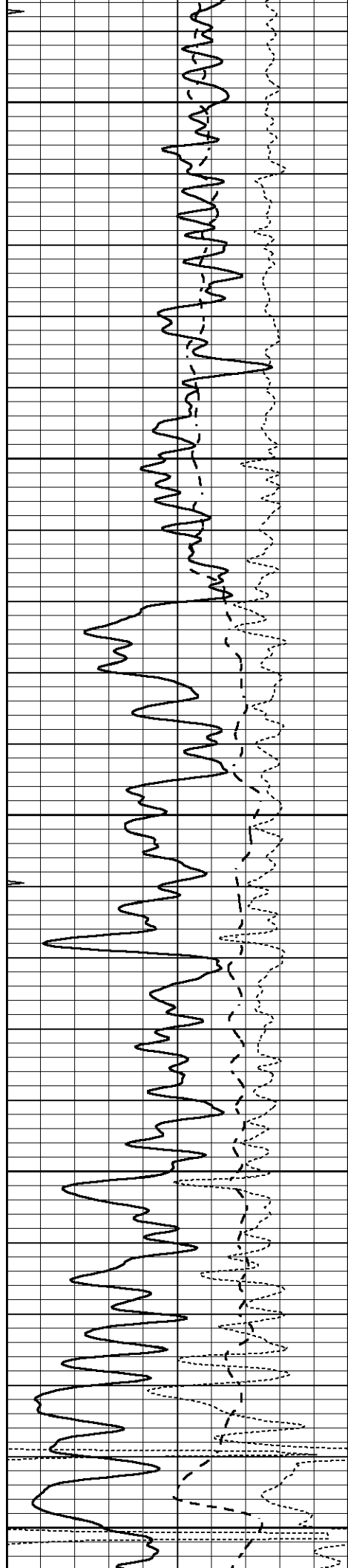
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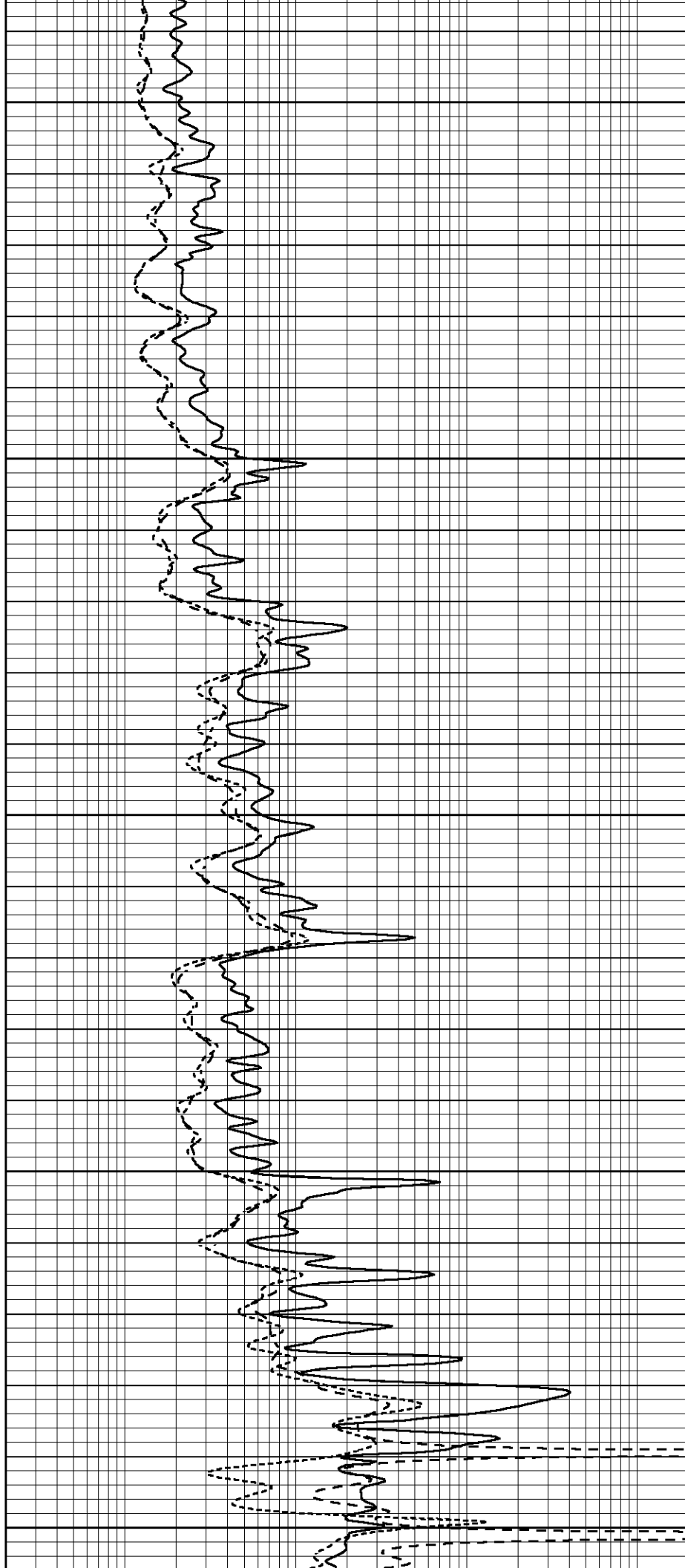
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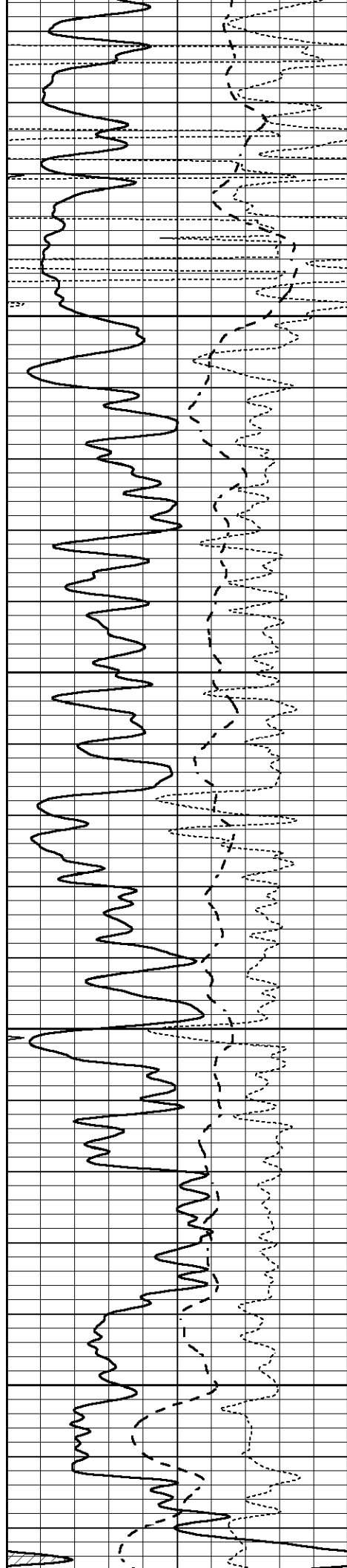
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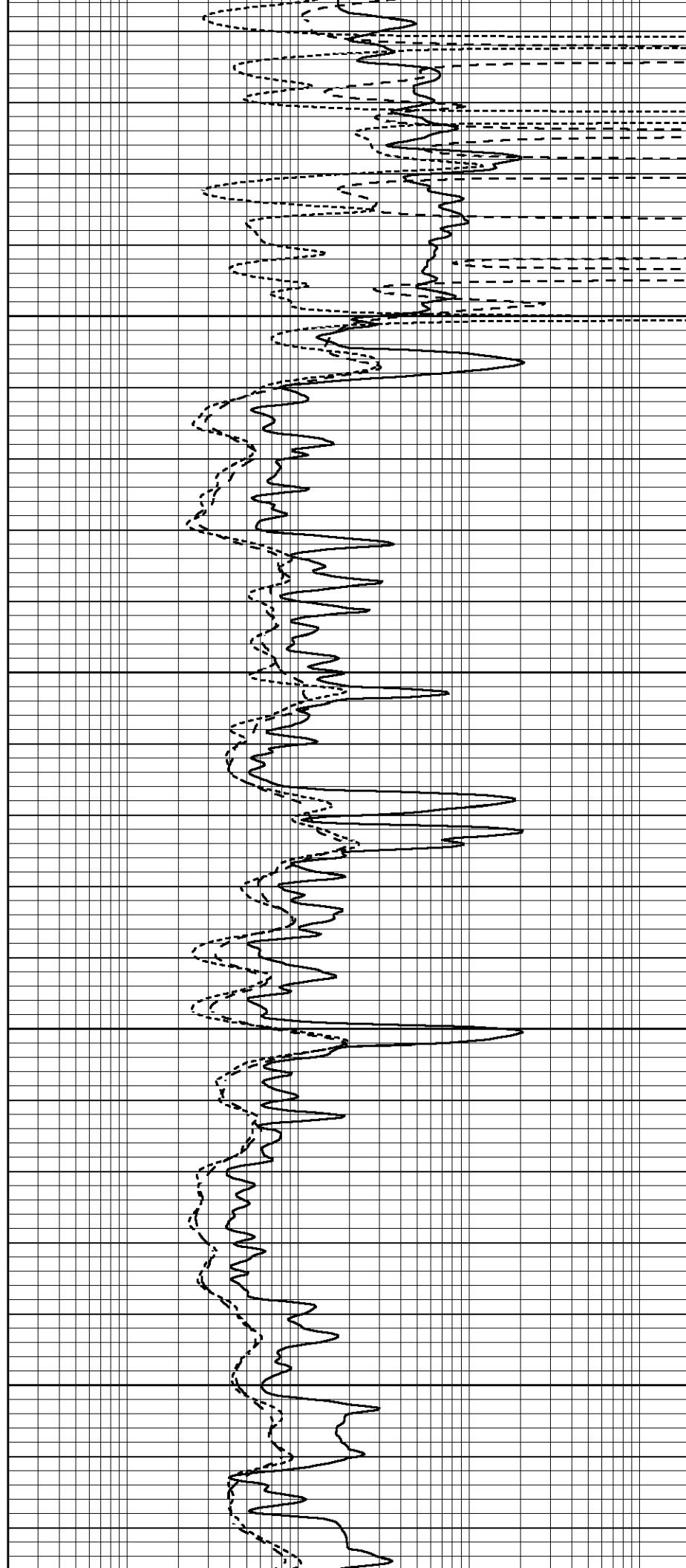


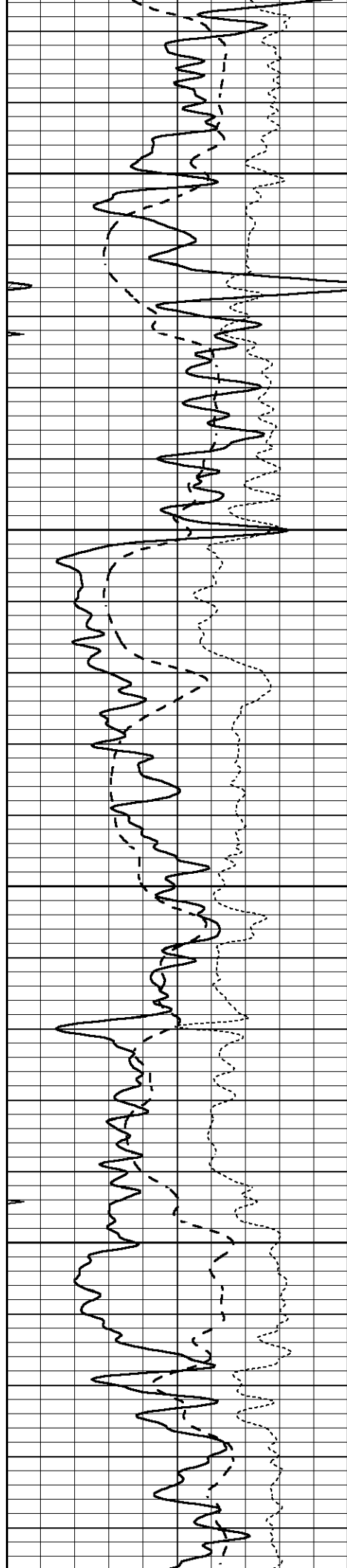
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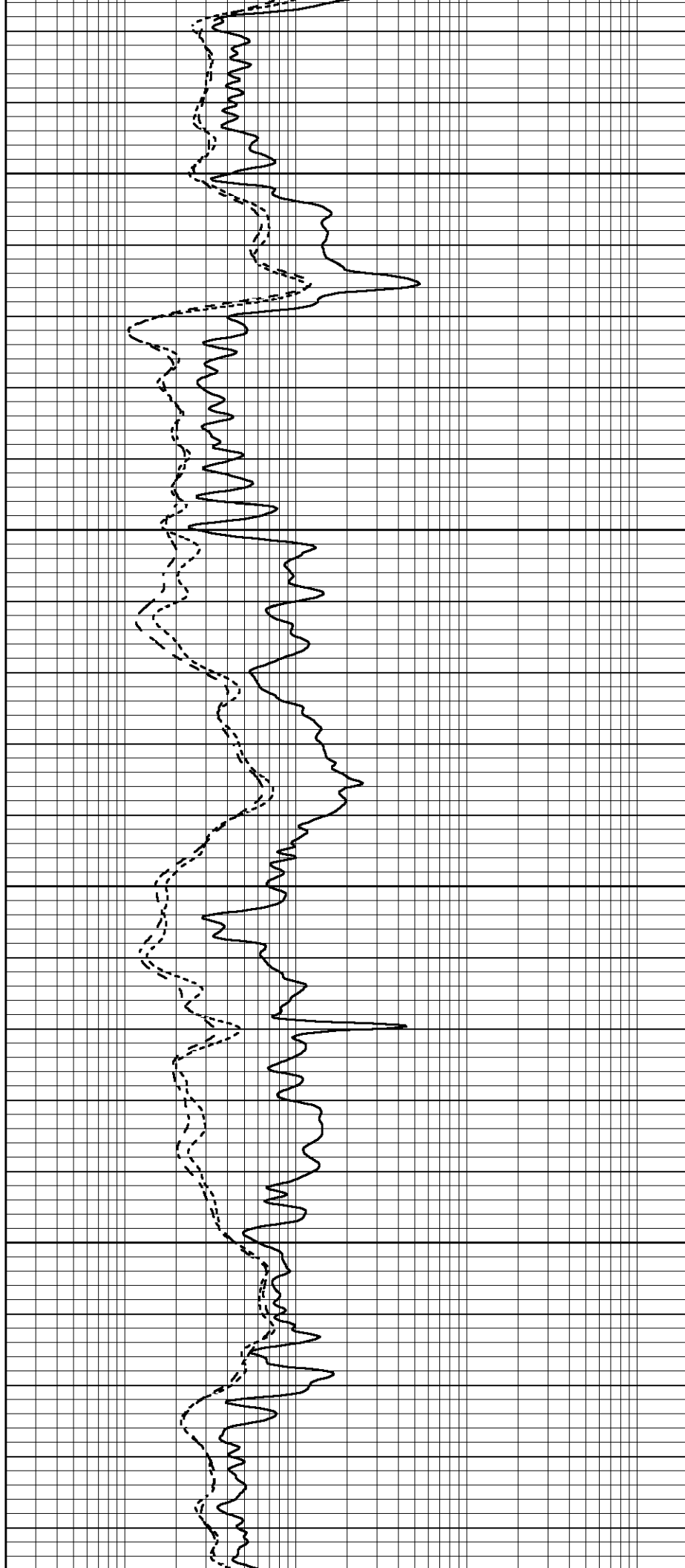


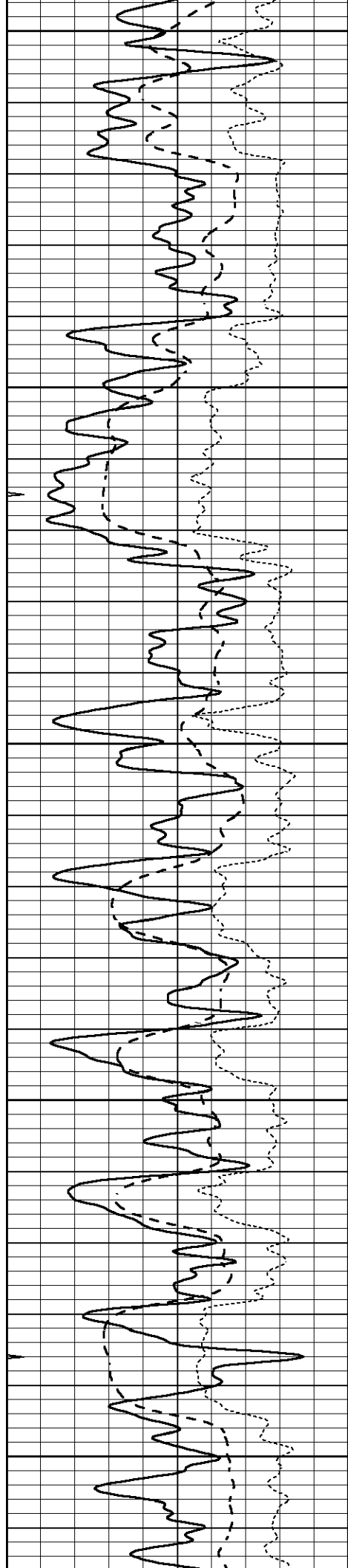
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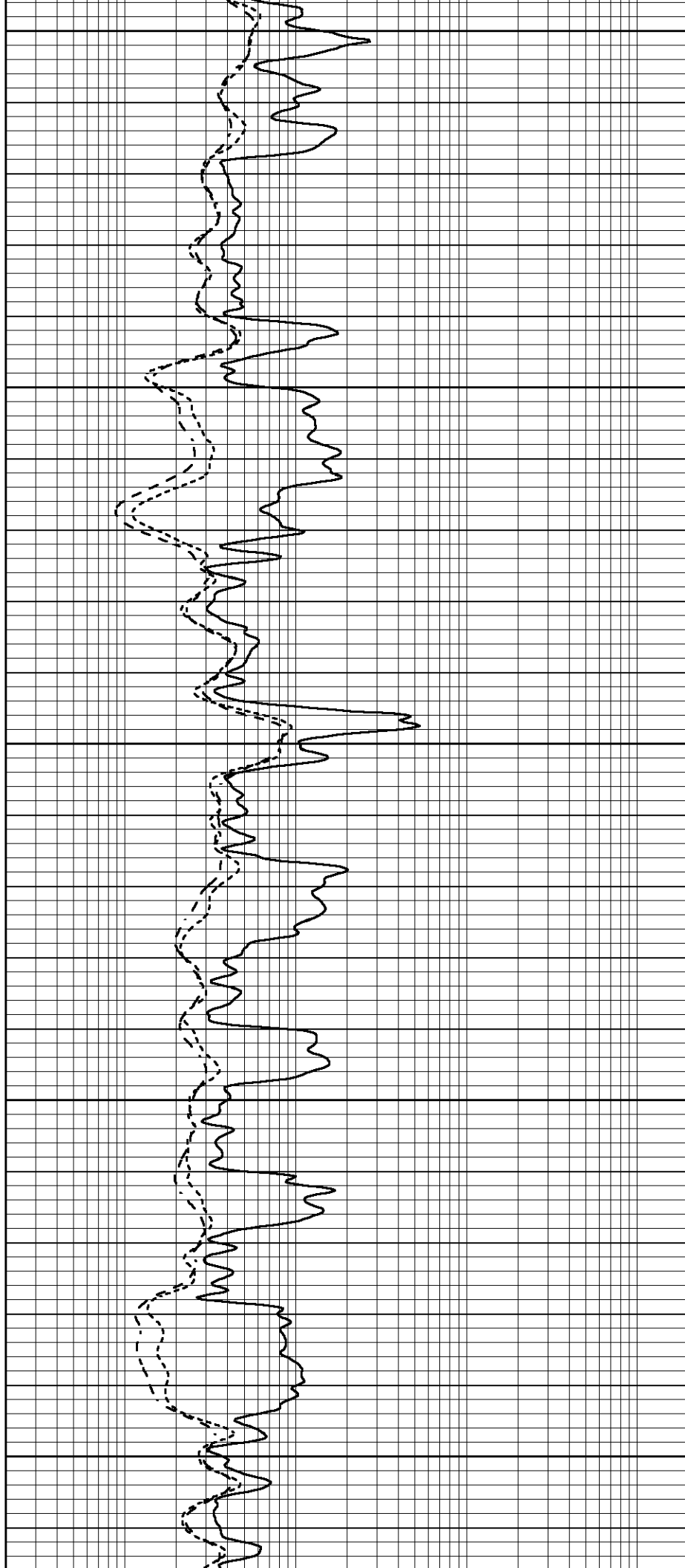
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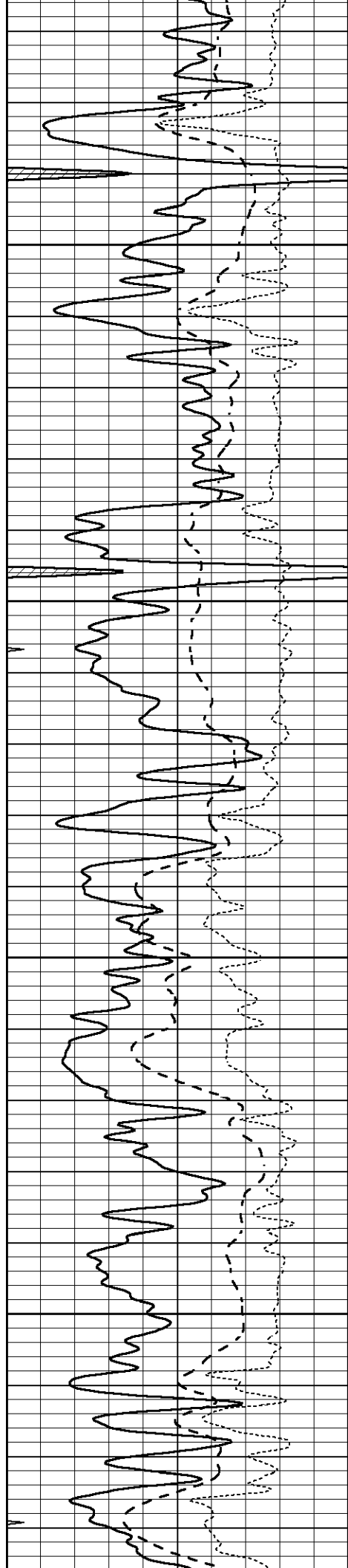
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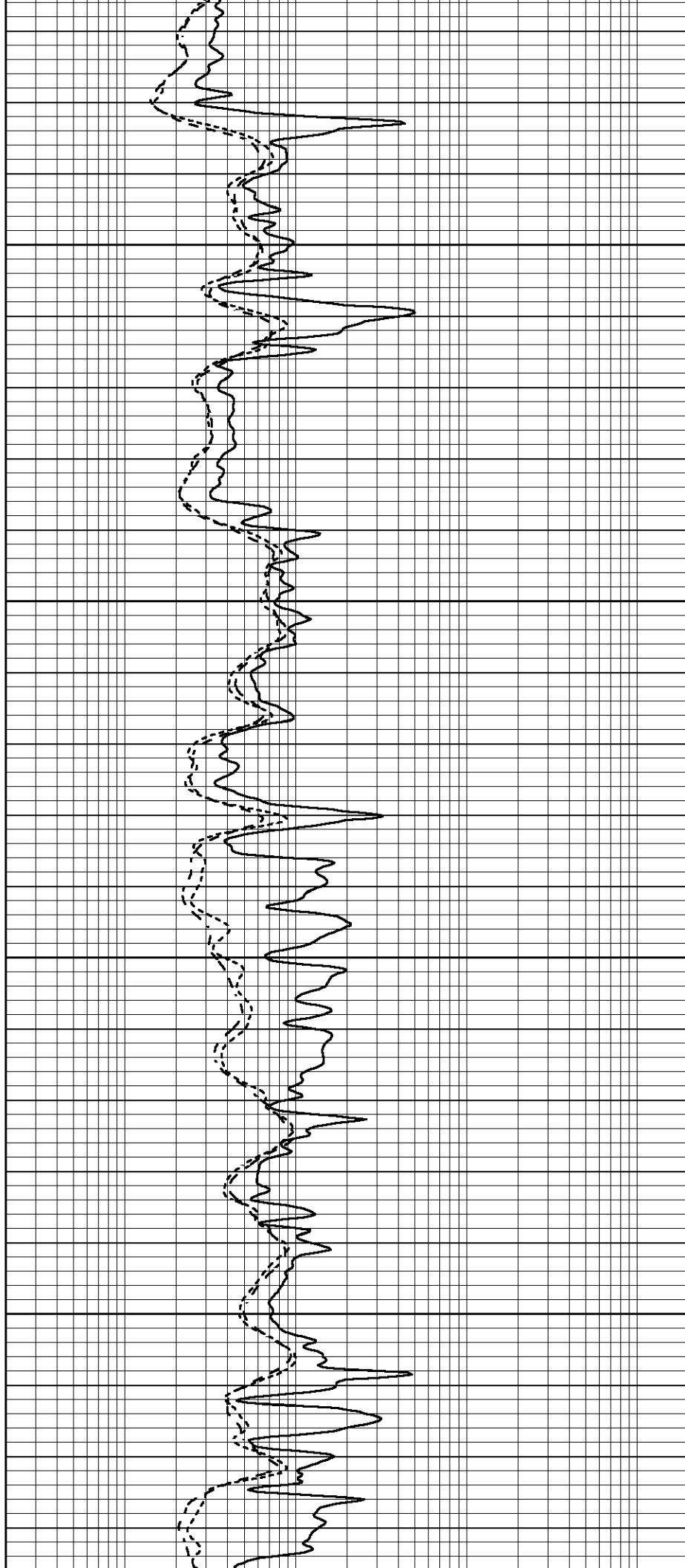


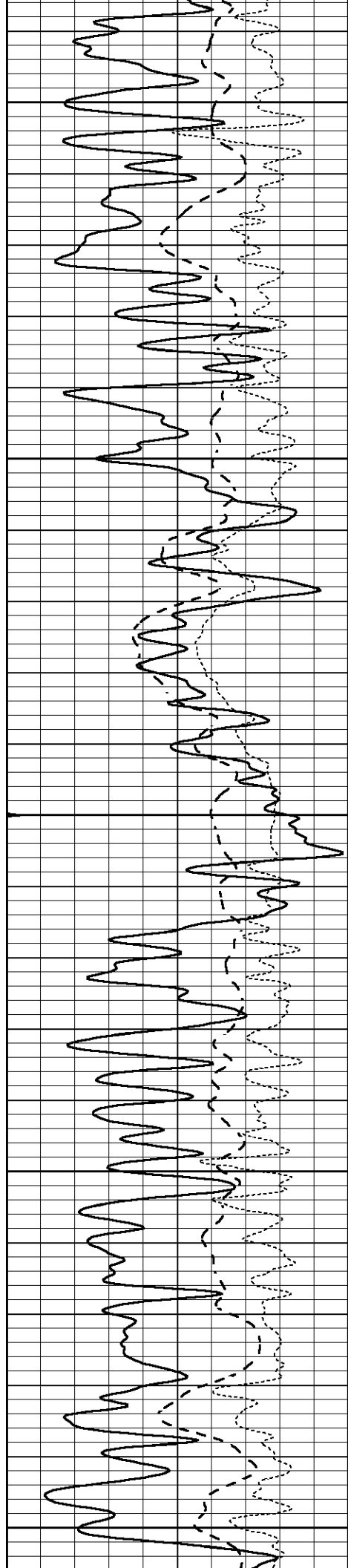
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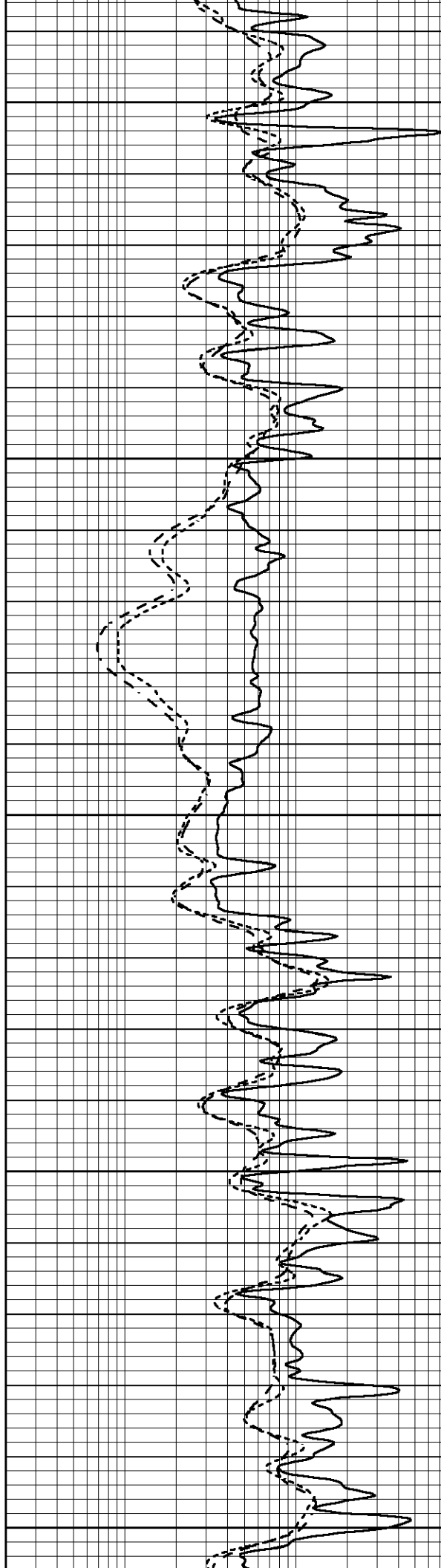
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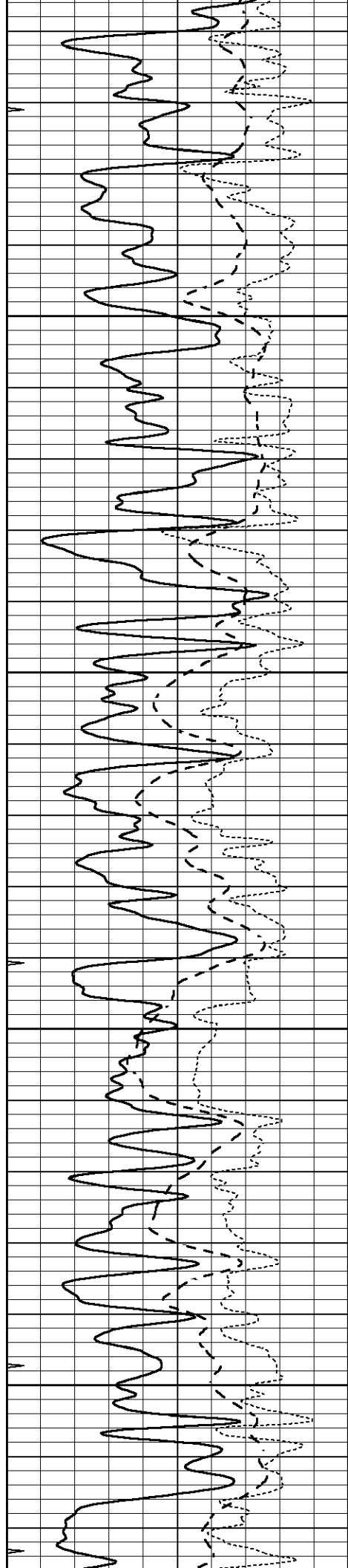
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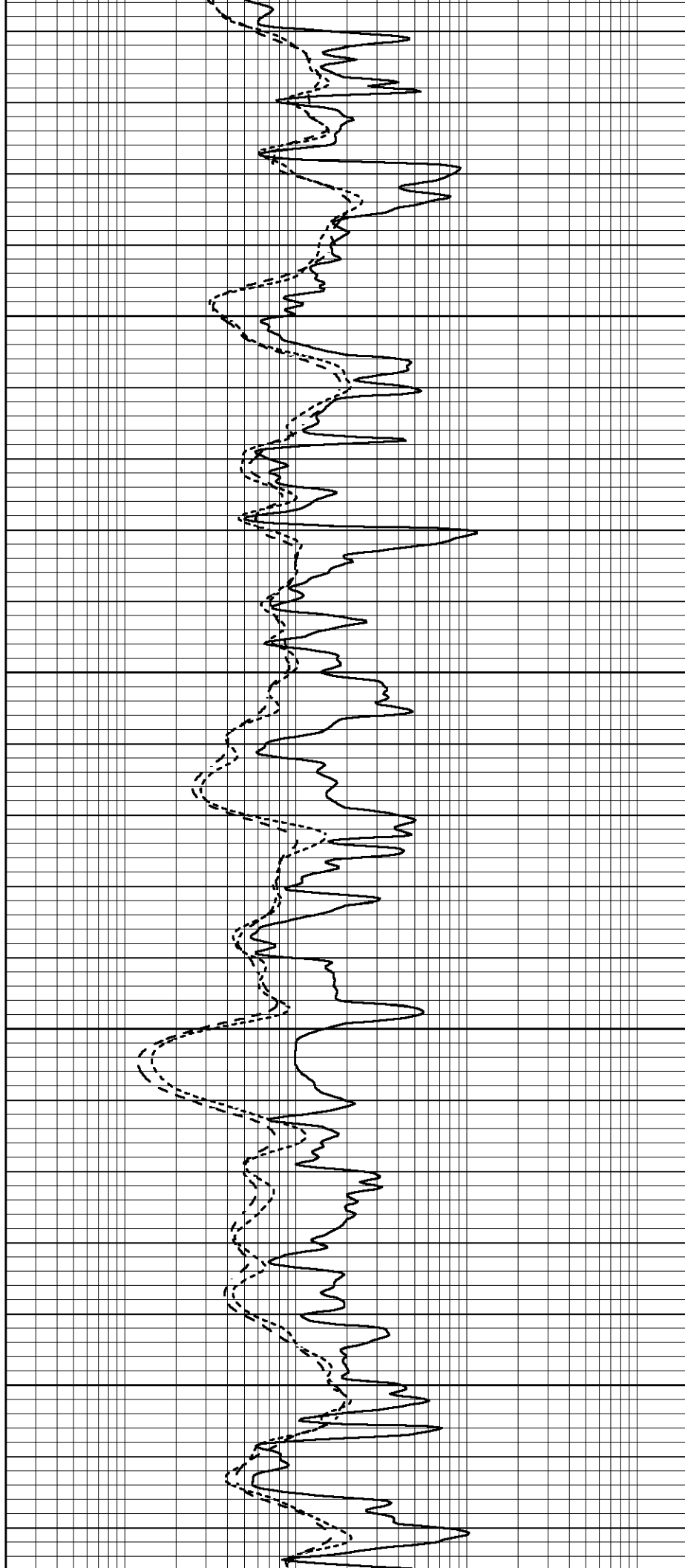


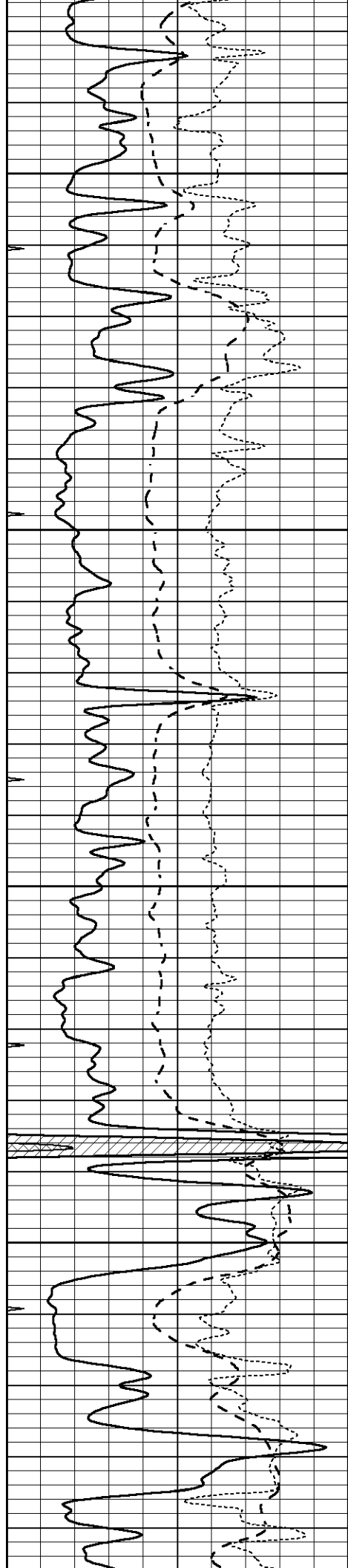
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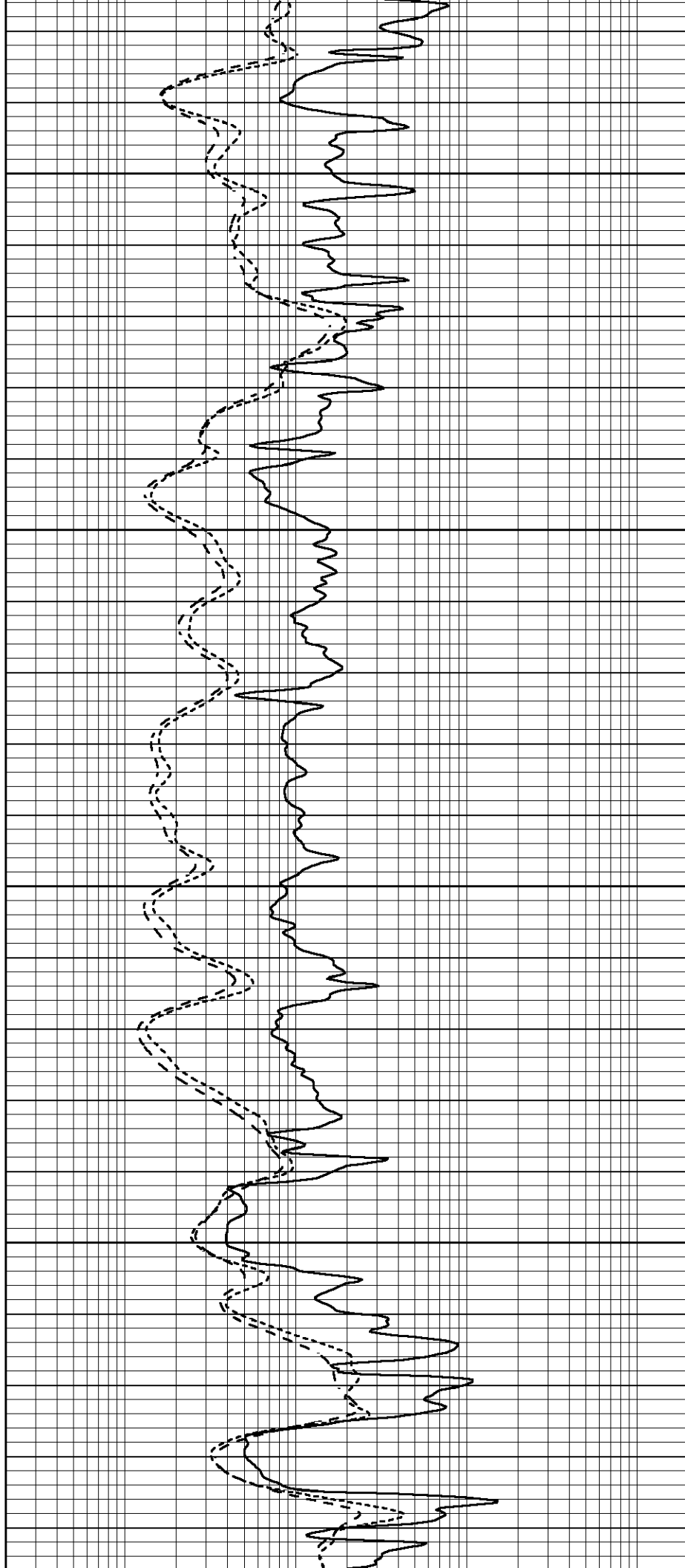


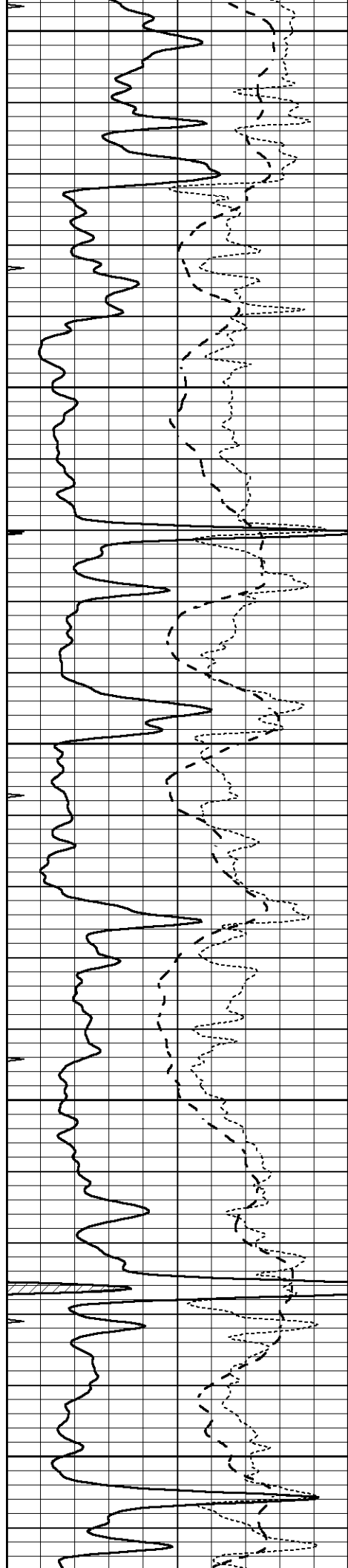
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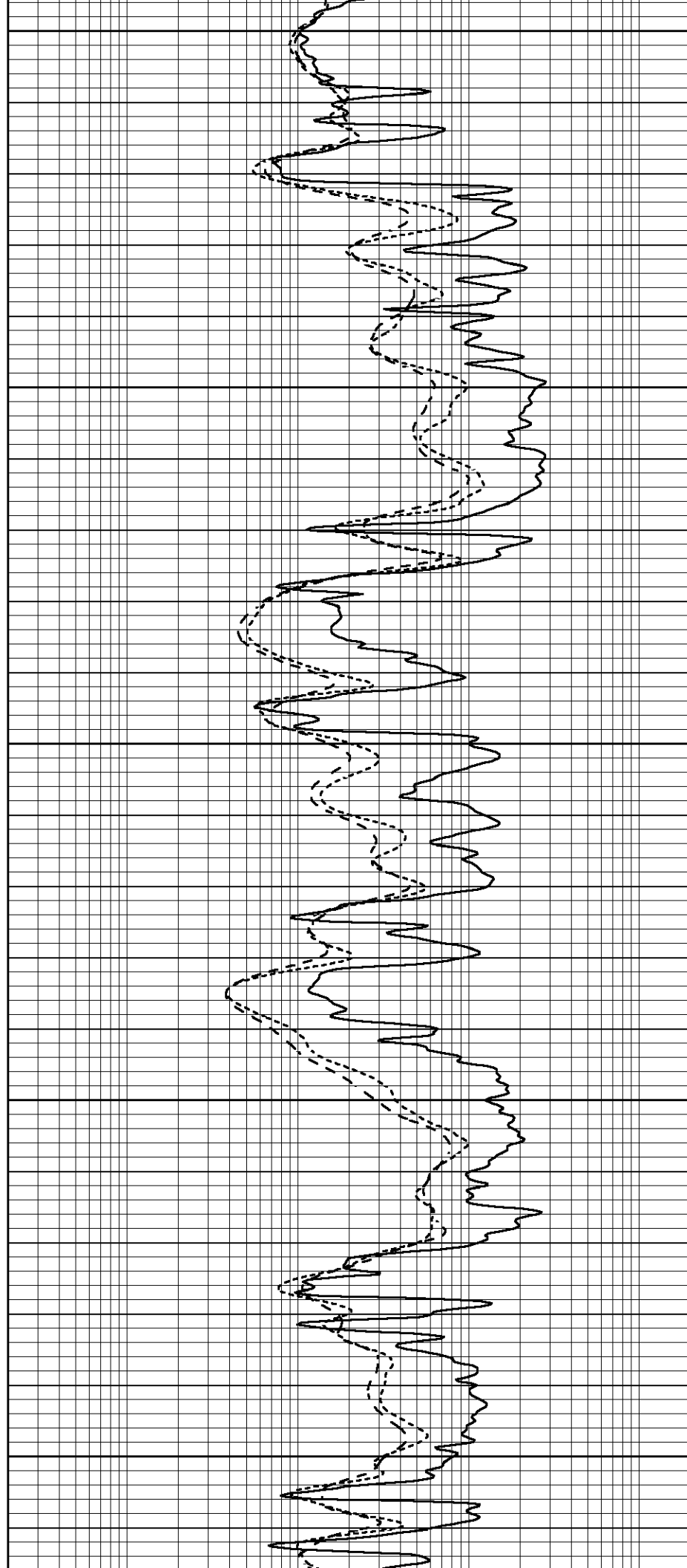
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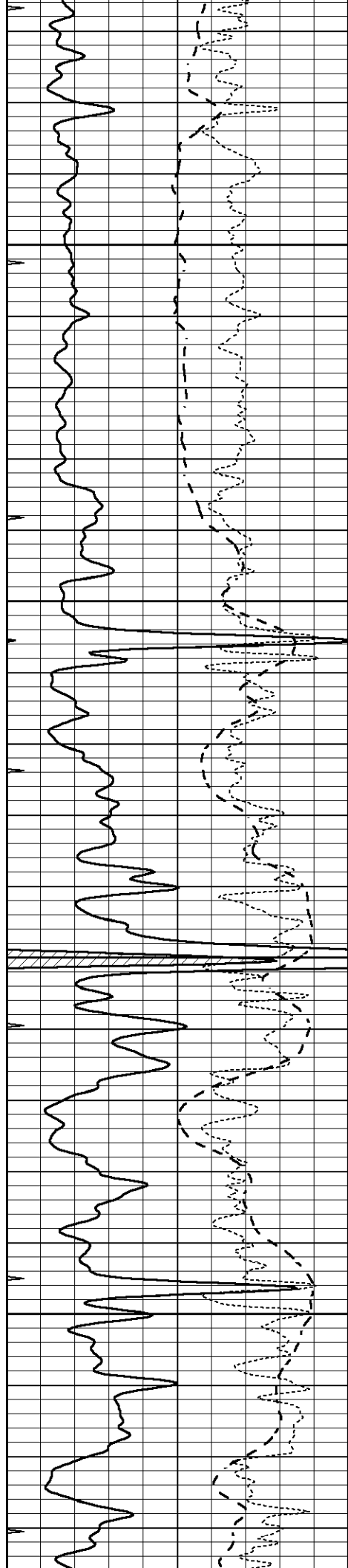
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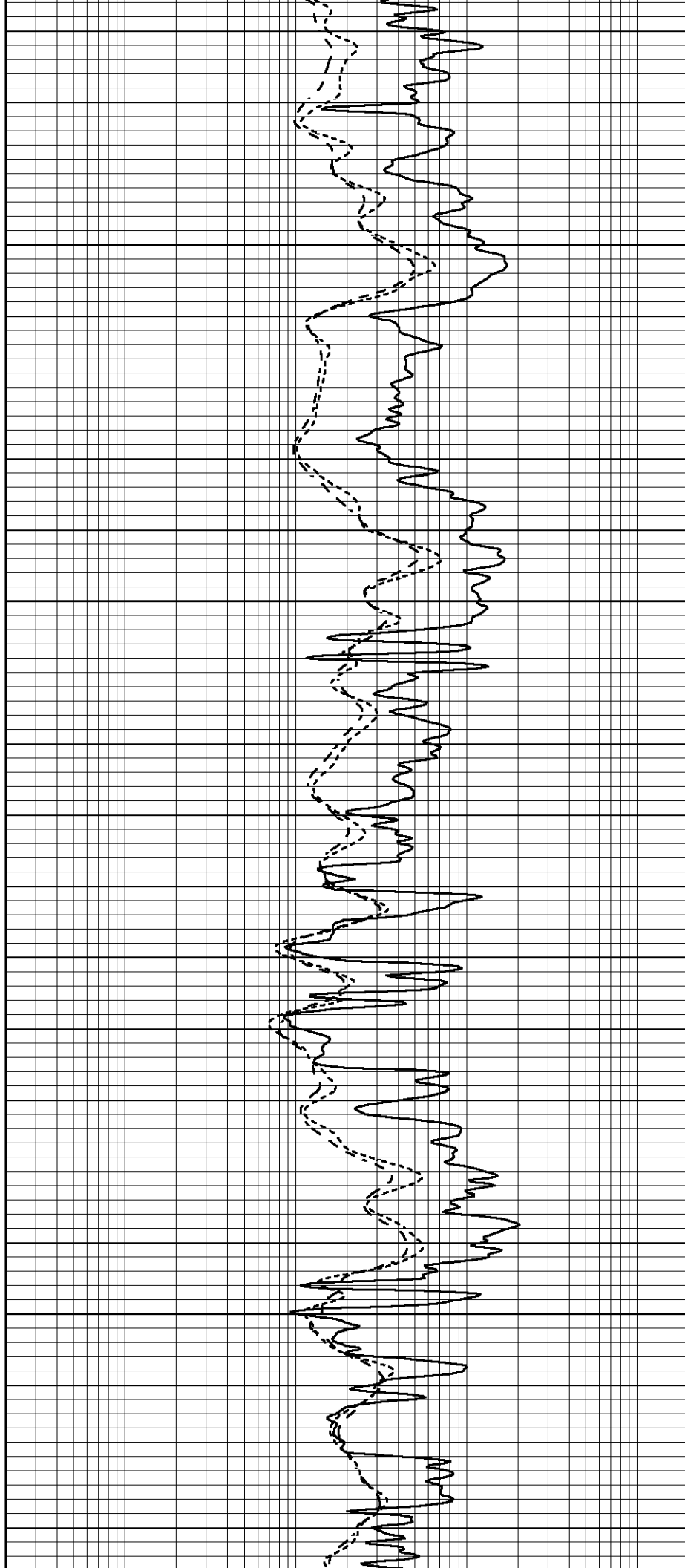


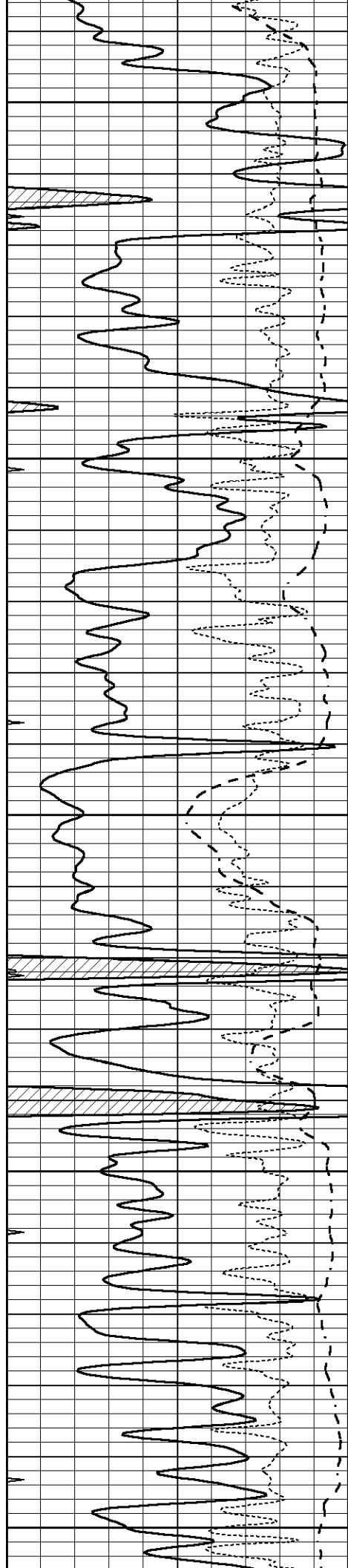
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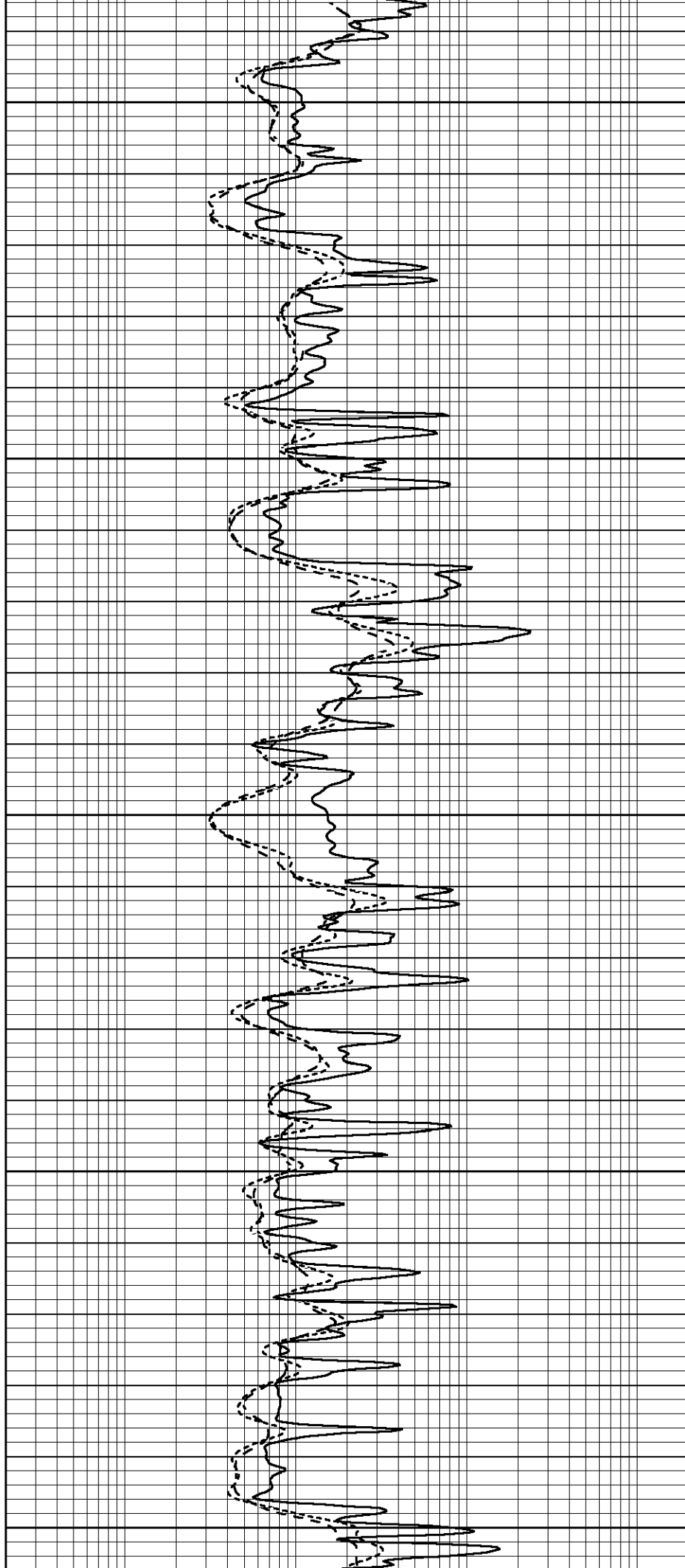
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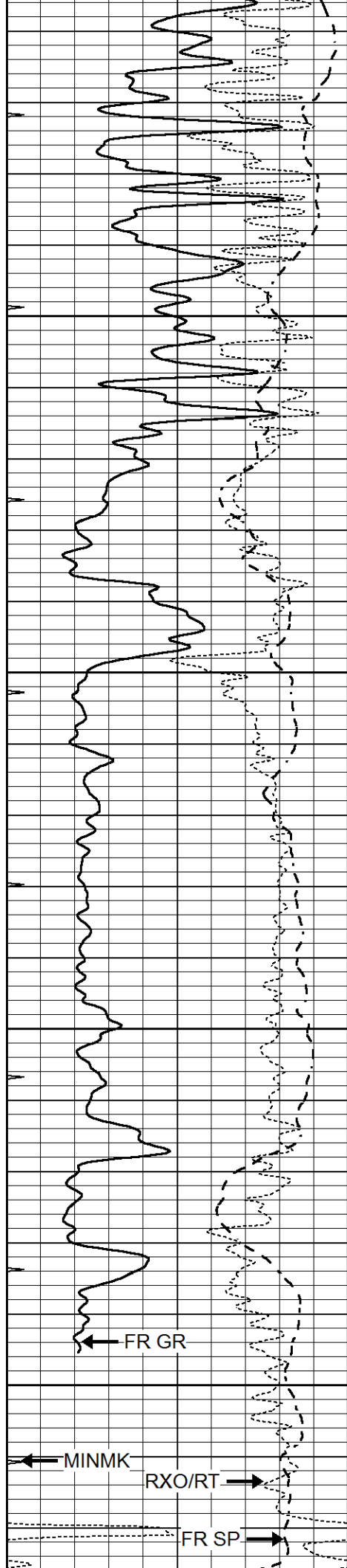
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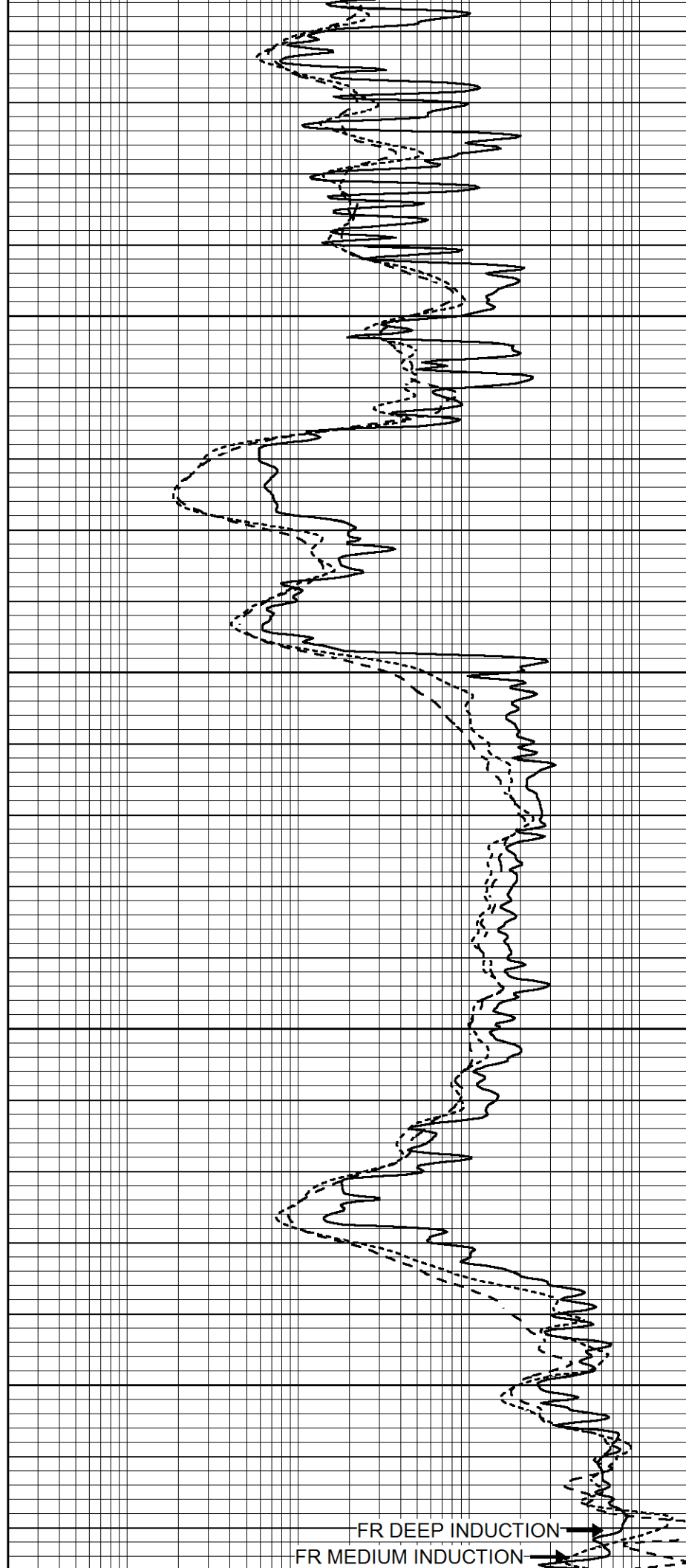


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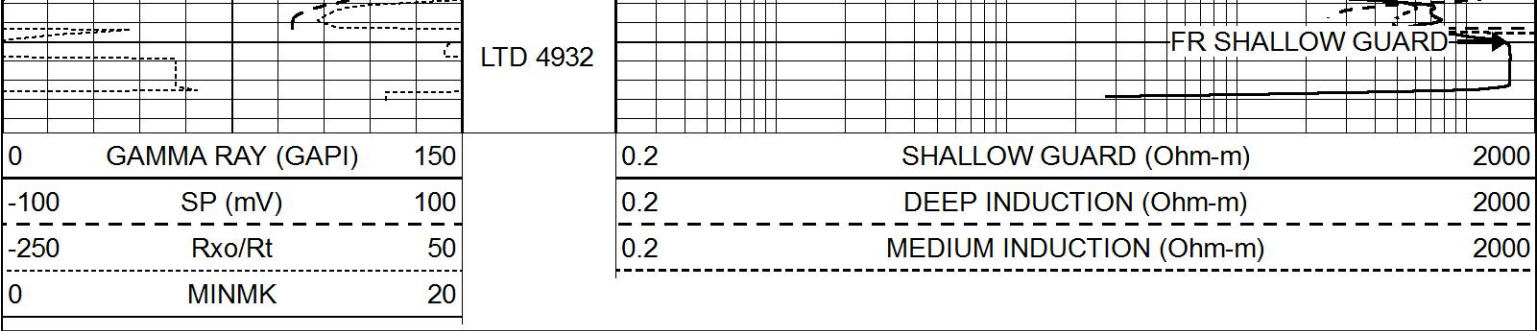
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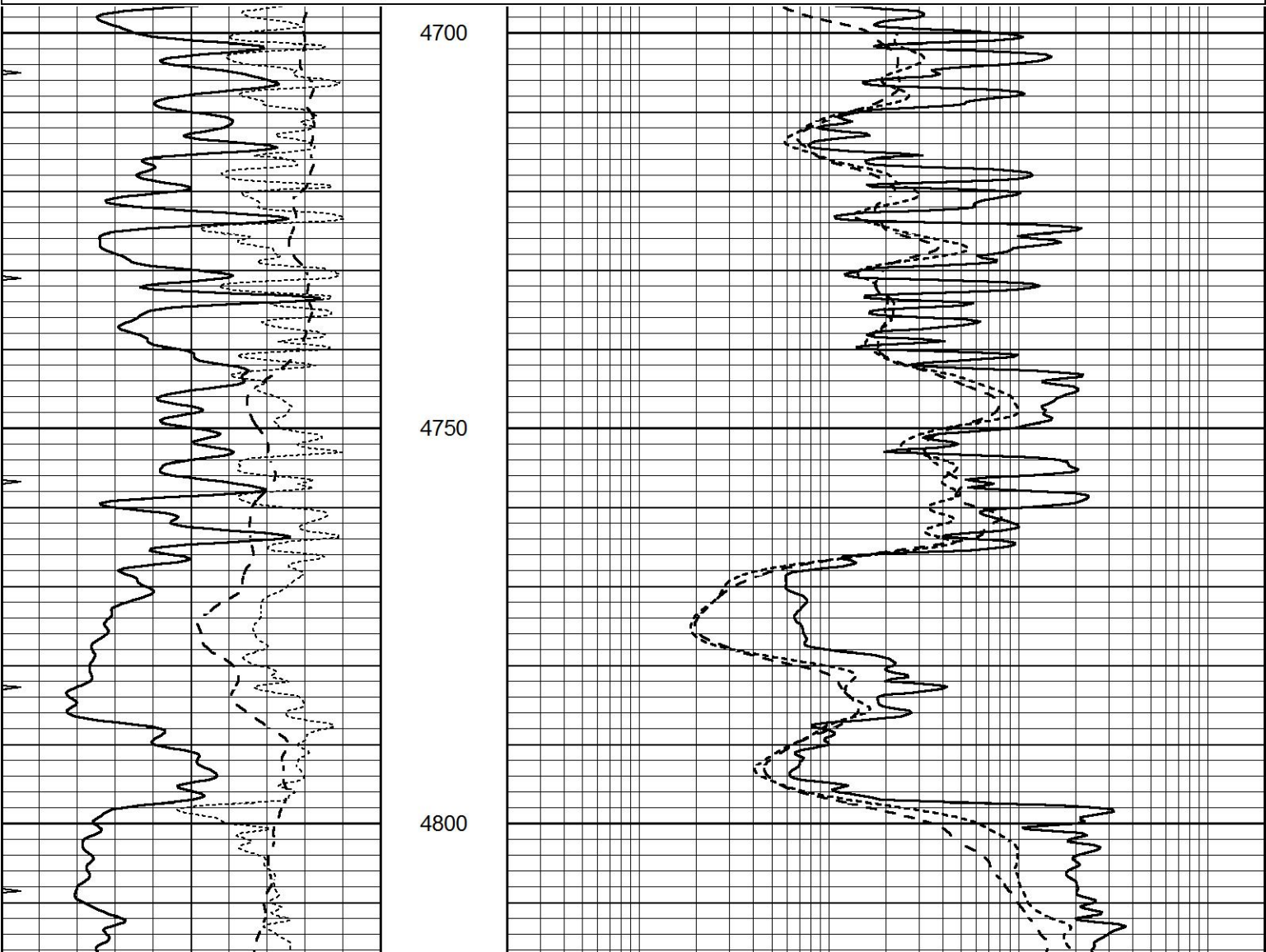
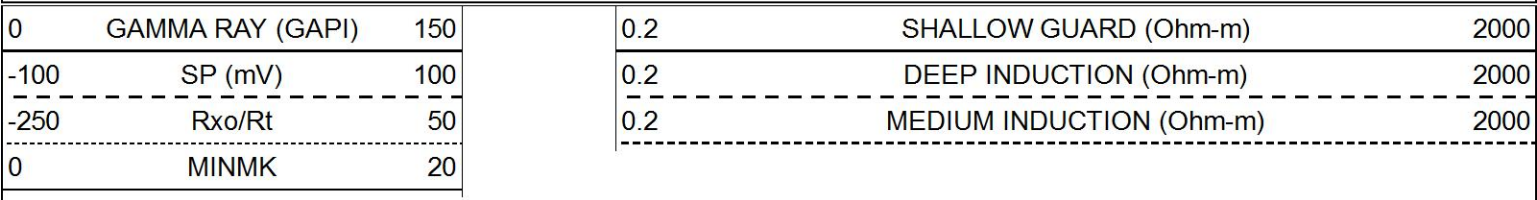


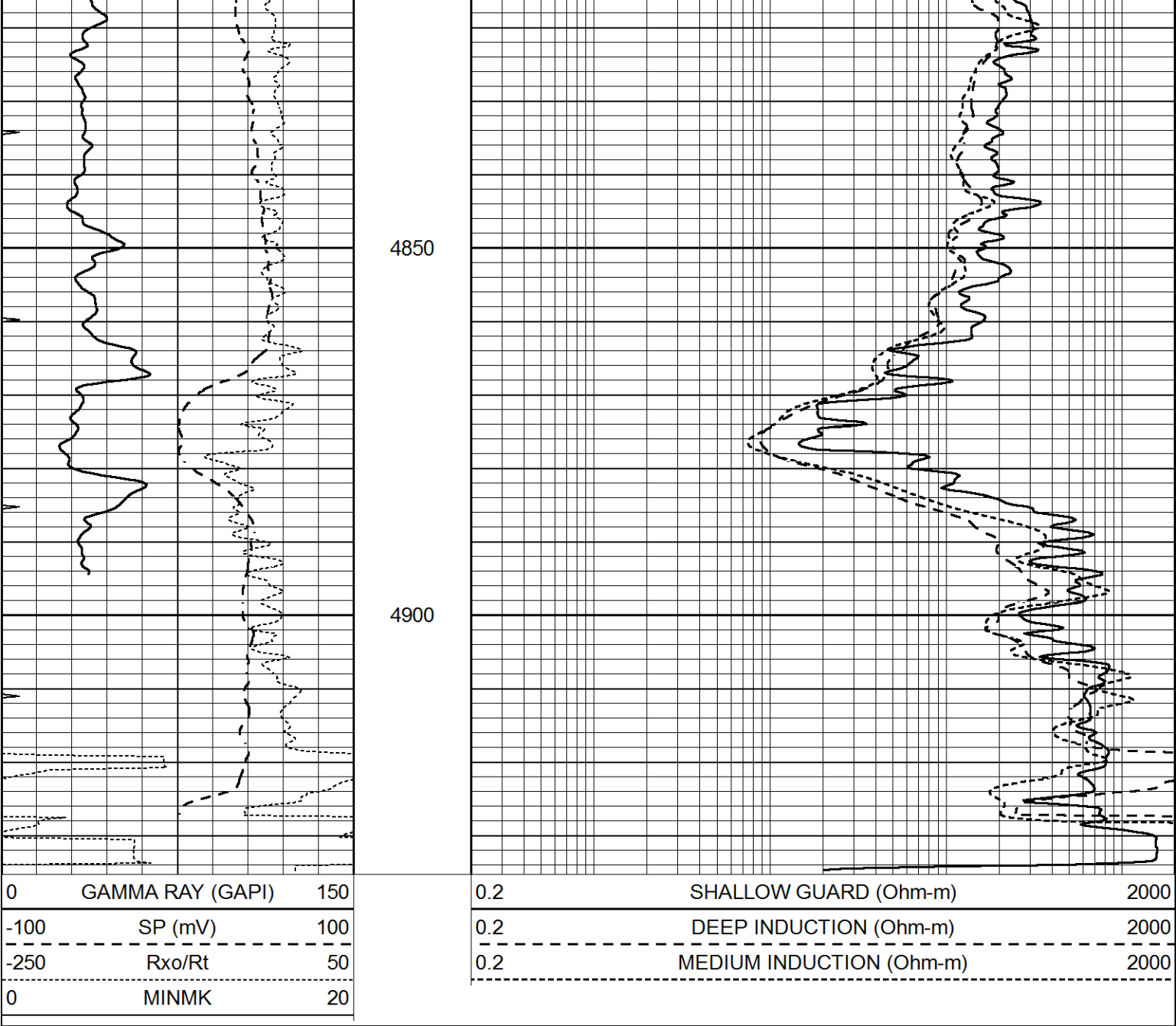
FR DEEP INDUCTION
FR MEDIUM INDUCTION



REPEAT SECTION

Database File	8412pe.db
Dataset Pathname	pass3.1R
Presentation Format	_dil
Dataset Creation	Sat Feb 17 01:25:22 2024
Charted by	Depth in Feet scaled 1:240





Calibration Report								
Database File	8412pe.db							
Dataset Pathname	pass4.1M							
Dataset Creation	Sat Feb 17 01:22:29 2024							
Dual Induction Calibration Report								
Serial-Model:			PROBE8-DILG					
Surface Cal Performed:			Fri Feb 16 23:33:40 2024					
Downhole Cal Performed:			Mon Aug 14 00:39:25 2023					
After Survey Verification Performed:			Mon Jul 28 11:08:27 2008					
Surface Calibration								
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	660.000	4.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	650.000	-5.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619

Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739
Downhole Calibration								
Readings			References			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	mmho-m		
After Survey Verification								
Readings			Targets			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		
Litho Density Calibration Report								
Serial: 001 Model: PRB								
Master Calibration			Performed Tue Aug 02 14:54:49 2022					
	Background	Magnesium		Aluminum		Aluminum+Fe		
Window 1	1540.1	9840.1		3279.8		3001.8		cps
Window 2	1435.6	8495.4		2920.3		2720.3		cps
Window 3	1167.4	4527.9		1868.6		1810.1		cps
Window 4	344.6	343.5		346.7		342.3		cps
Long Space	0.0	7059.8		1484.8		1284.7		cps
Short Space	3.3	2502.7		1618.3		1368.5		cps
Rho		1.7100		2.5900		0.0000		g/cc
Pe		2.0000		2.7500		5.7900		
Rib Angle	: 44.4	Rib Slope	: 0.979	Density/Spine Ratio			: 0.544	
Spine Angle	: 74.4	Spine Slope	: 3.576	Spine Intercept			: -19.1	
Before Survey Verification			Performed Wed Dec 31 18:00:00 1969					
Window 1	0.0	0.0		0.0		0.0		cps
Window 2	0.0	0.0		0.0		0.0		cps
Window 3	0.0	0.0		0.0		0.0		cps
Window 4	0.0	0.0		0.0		0.0		cps
Long Space	0.0	0.0		0.0		0.0		cps
Short Space	0.0	0.0		0.0		0.0		cps
Measured Rho		0.0000		0.0000		0.0000		g/cc
Measured Correction		0.0000		0.0000		0.0000		g/cc
Measured Pe				0.0000		0.0000		
After Survey Verification			Performed Wed Dec 31 18:00:00 1969					
Window 1	0.0	0.0		0.0		0.0		cps
Window 2	0.0	0.0		0.0		0.0		cps
Window 3	0.0	0.0		0.0		0.0		cps
Window 4	0.0	0.0		0.0		0.0		cps
Long Space	0.0	0.0		0.0		0.0		cps
Short Space	0.0	0.0		0.0		0.0		cps

Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	
Compensated Neutron Calibration Report					
		Serial Number:	070808PMC		
		Tool Model:	NABORS		
PRE-SURVEY VERIFICATION					
Detector	Readings	Measured	Target		
Short Space	cps				
Long Space	cps	pu	pu		
POST-SURVEY VERIFICATION					
Detector	Readings	Measured	Target		
Short Space	cps				
Long Space	cps	pu	pu		
Gamma Ray Calibration Report					
Serial Number:	070558				
Tool Model:	OPEN_GR				
Performed:	Wed Dec 20 03:59:02 2023				
Calibrator Value:	1.0	GAPI			
Background Reading:	0.0	cps			
Calibrator Reading:	1.0	cps			
Sensitivity:	0.3000	GAPI/cps			