



DUAL INDUCTION LOG

Company	PALOMINO PETROLEUM, INC.			Company	PALOMINO PETROLEUM, INC.		
Well	THE TIMES THEY ARE A CHANGIN #1			Well	THE TIMES THEY ARE A CHANGIN #1		
Field	WILDCAT			Field	WILDCAT		
County	SCOTT			County	SCOTT		
State	KANSAS			State	KANSAS		
Location:	API # : 15-171-21301-0000			Other Services	CDL/CNL MEL		
	1620' FSL & 636' FEL SW - SE - NE - SE						
Permanent Datum	GROUND LEVEL			Elevation	2957		
Log Measured From	KELLY BUSHING 11' A.G.L.			K.B. 2968 D.F. 2966 G.L. 2957			
Drilling Measured From	KELLY BUSHING						
Date	10/5/22						
Run Number	ONE						
Depth Driller	4890						
Depth Logger	4892						
Bottom Logged Interval	4890						
Top Log Interval	00						
Casing Driller	8 5/8"@223'						
Casing Logger	223						
Bit Size	7 7/8"						
Type Fluid in Hole	CHEMICAL MUD			CHLORIDES 3,200 PPM			
Density / Viscosity	9.3/51						
pH / Fluid Loss	10.5/8.0						
Source of Sample	FLOWLINE						
Rm @ Meas. Temp	1.30@66F						
Rmf @ Meas. Temp	.975@66F						
Rmc @ Meas. Temp	1.56@66F						
Source of Rmf / Rmc	MEASUREMENT						
Rm @ BHT	.692@124F						
Time Circulation Stopped	2.5 HOURS						
Time Logger on Bottom	9:30 A.M.						
Maximum Recorded Temperature	124F						
Equipment Number	922339						
Location	HAYS, KANSAS						
Recorded By	JEFF LUEBBERS						
Witnessed By	RYAN SEIB						

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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.

15-171-21301-0000

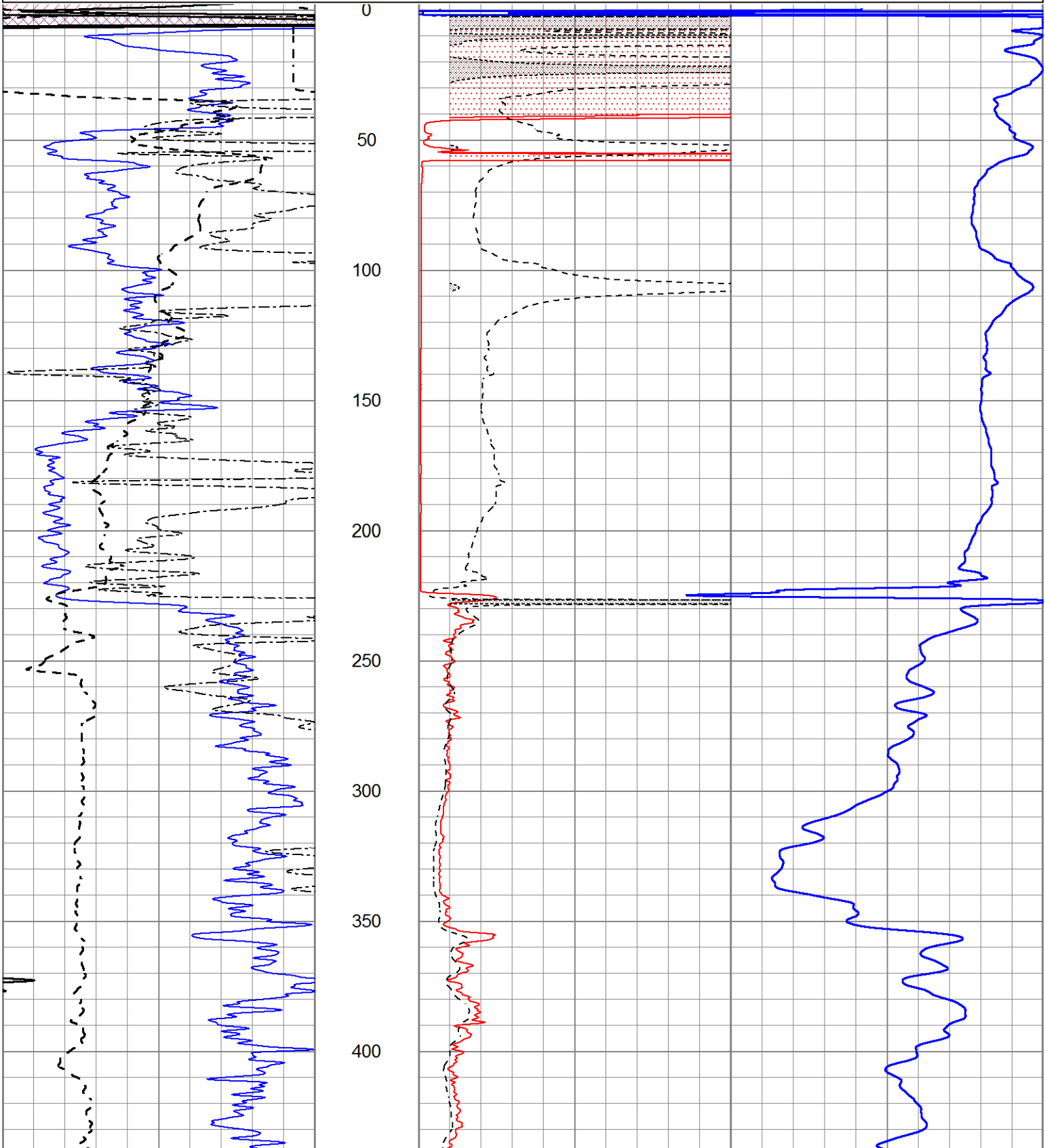
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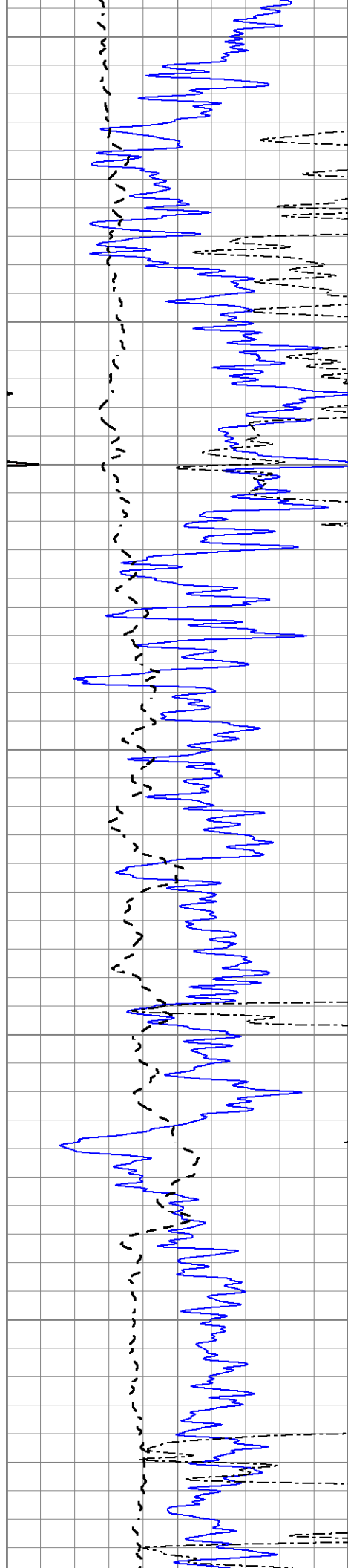
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
SCOTT CITY, KS., S. ON HWY 83 TO(SCOTT/FINNEY)V COUNTY LINE, W. TO "FALCON RD.", 1/4N.,
W. INTO



MAIN SECTION

0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-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





450

500

550

600

650

700

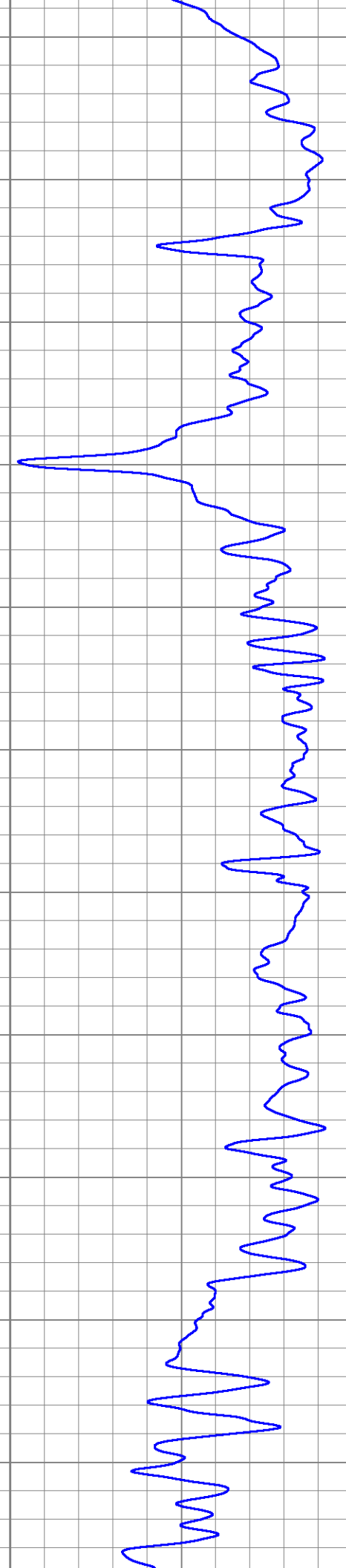
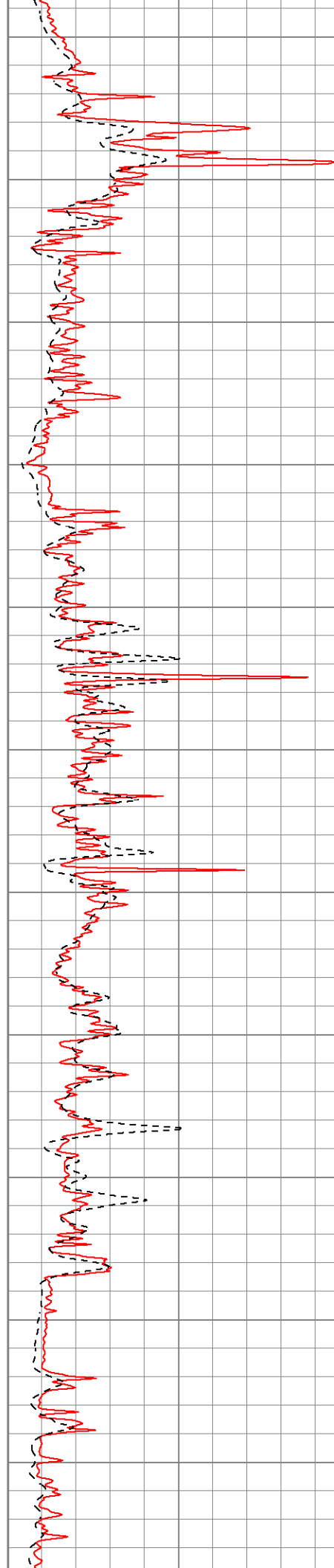
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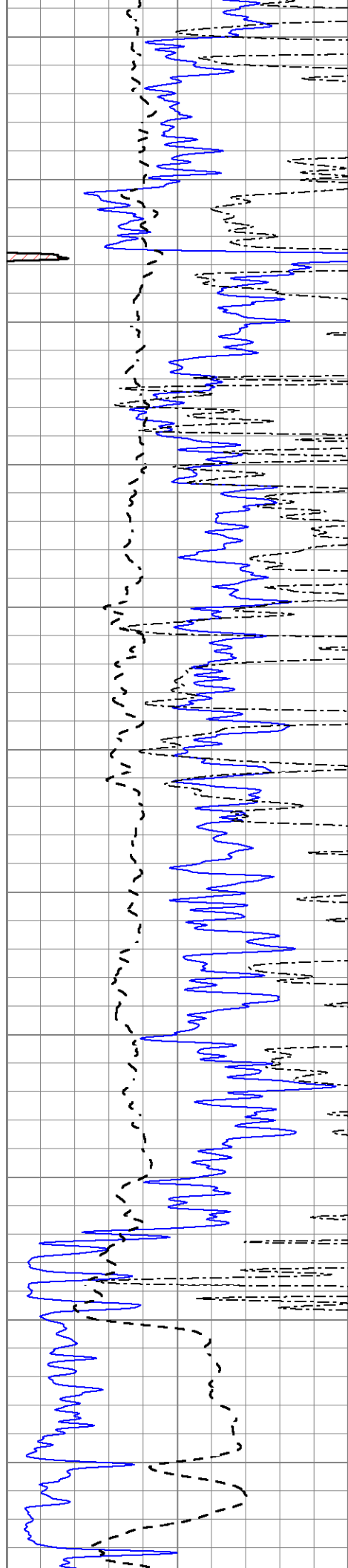
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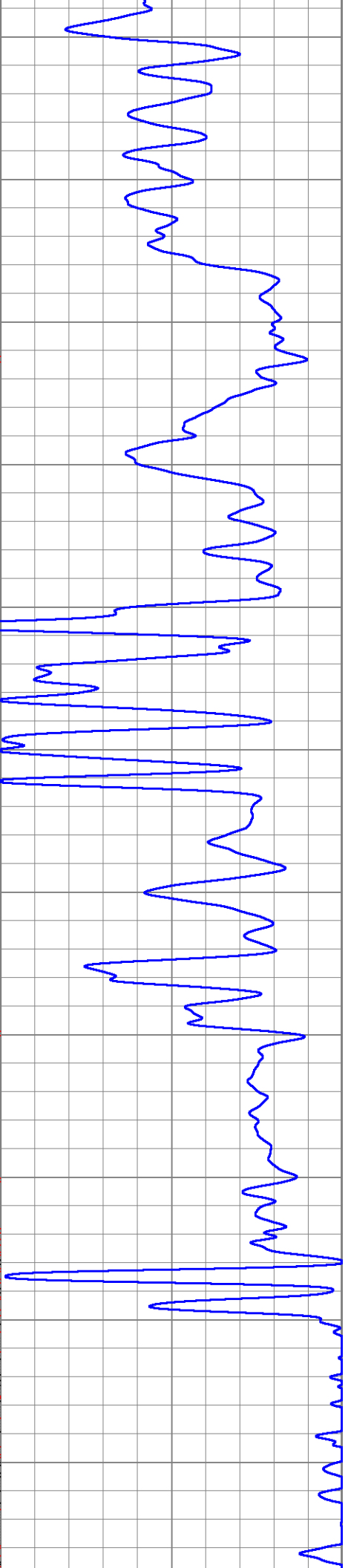
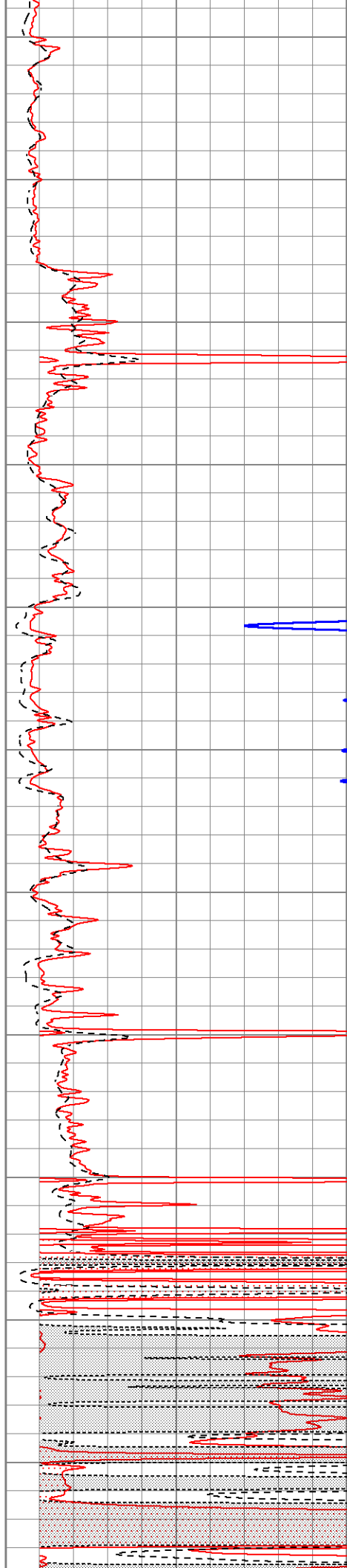
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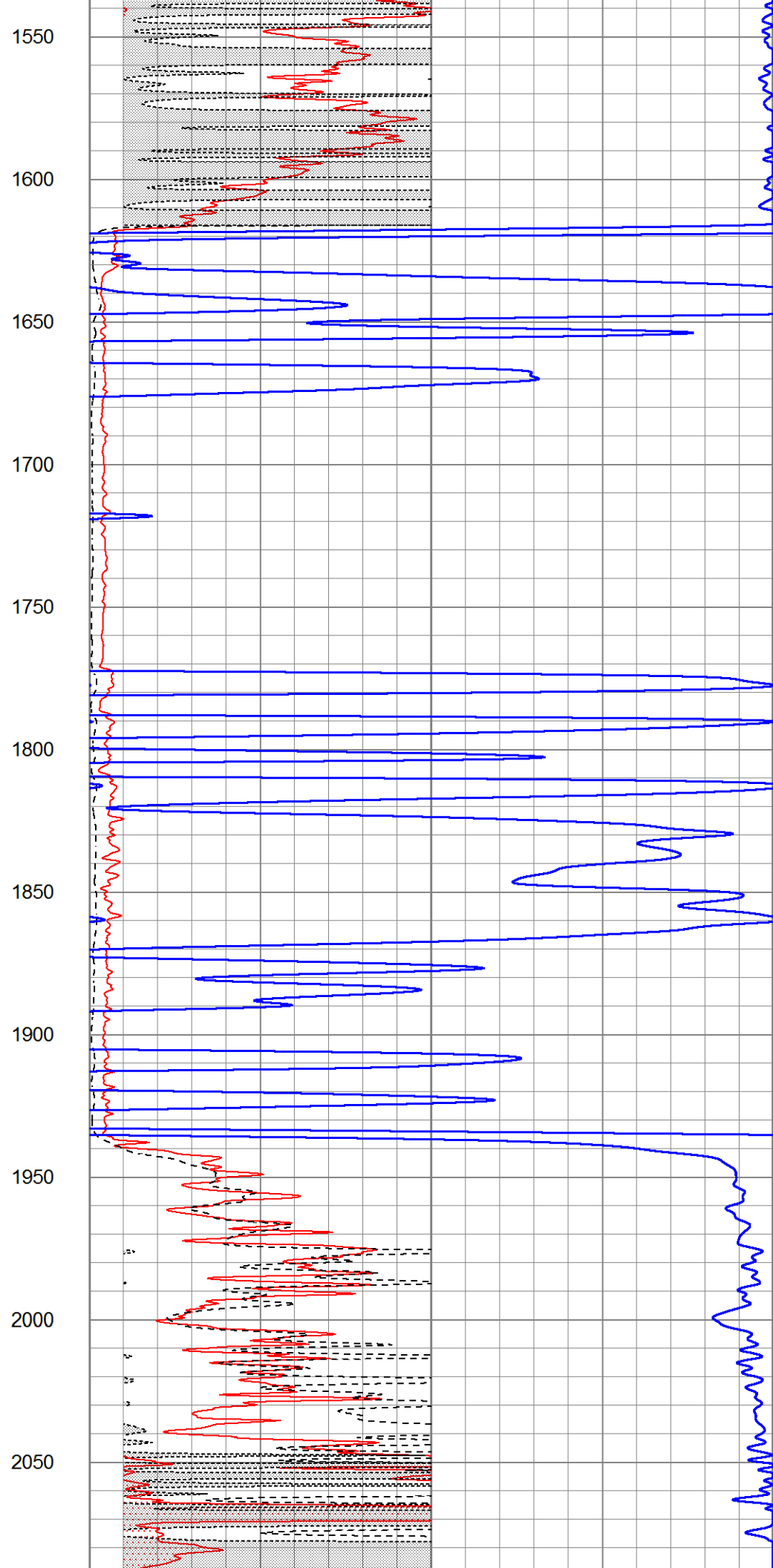
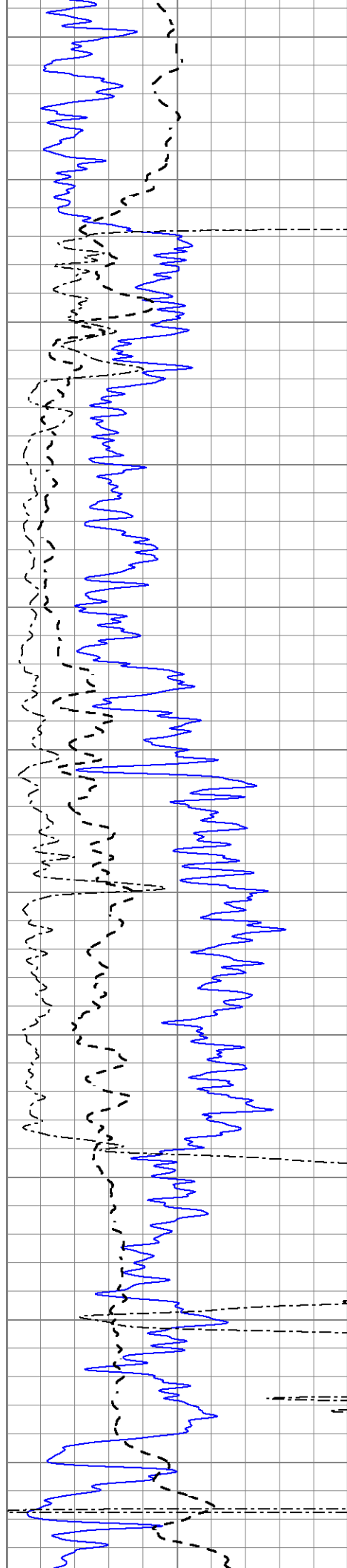
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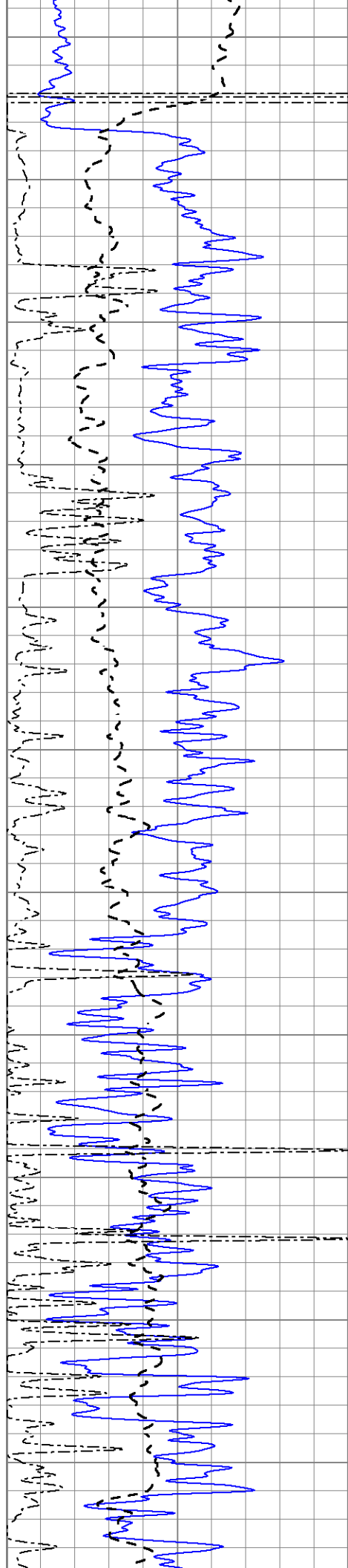




1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500







2100

2150

2200

2250

2300

2350

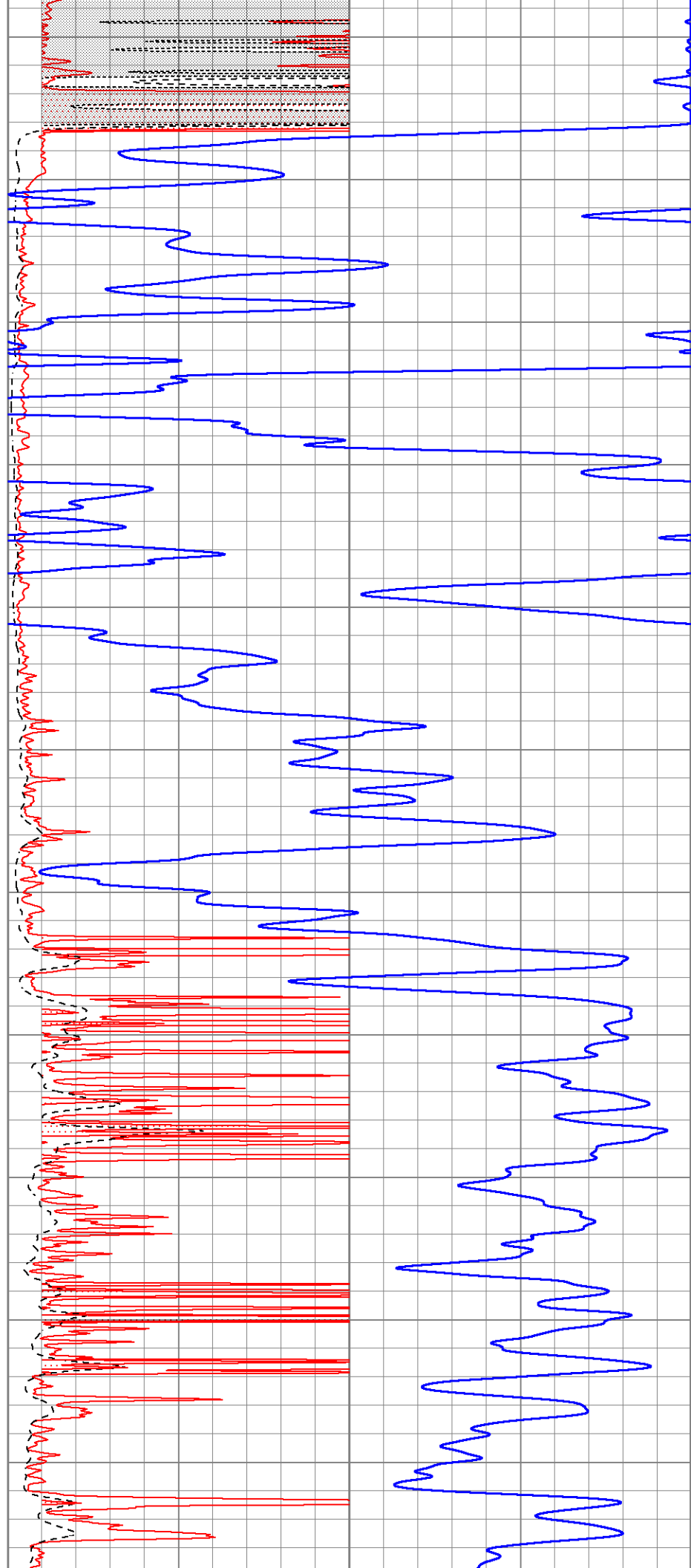
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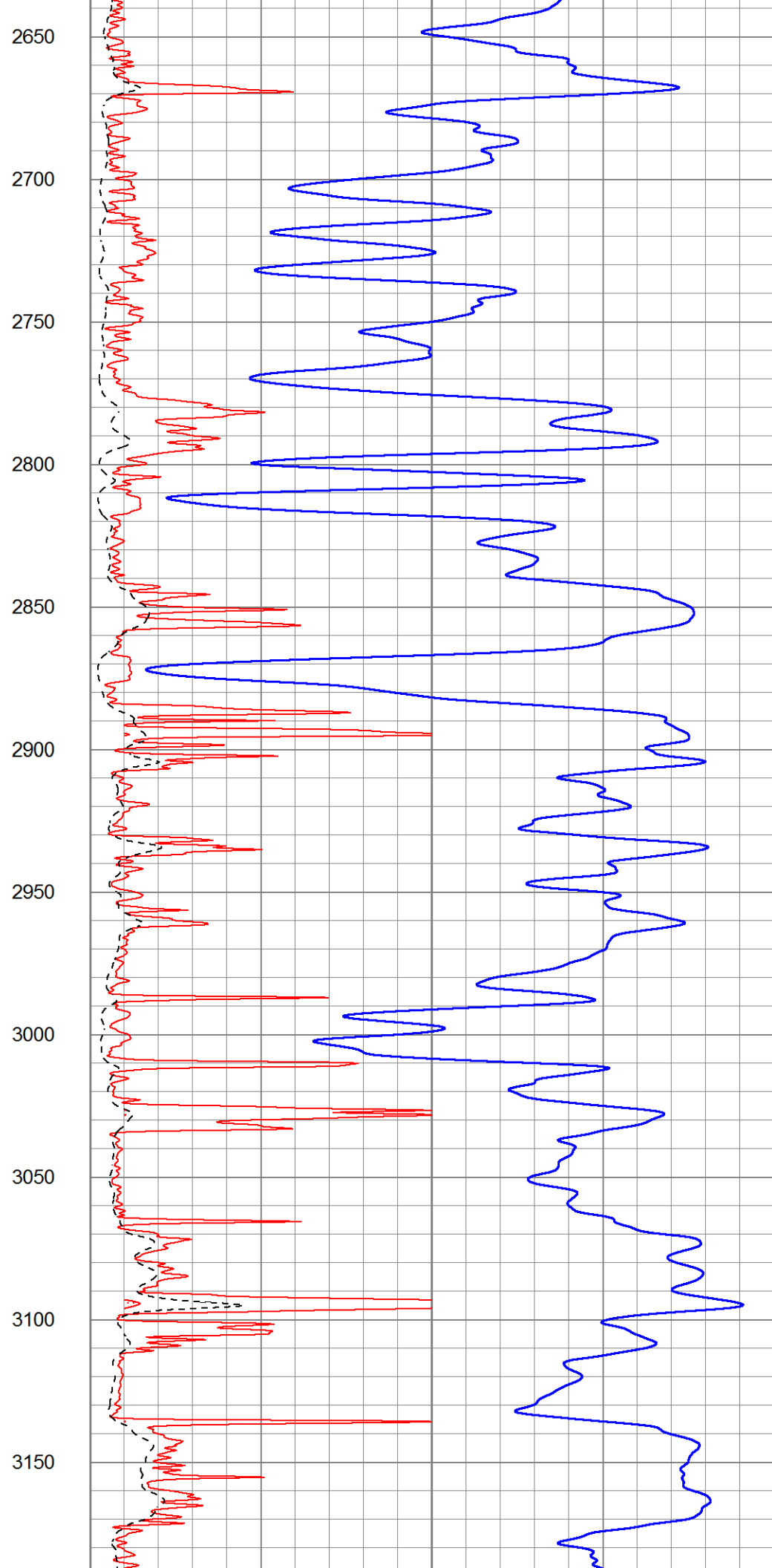
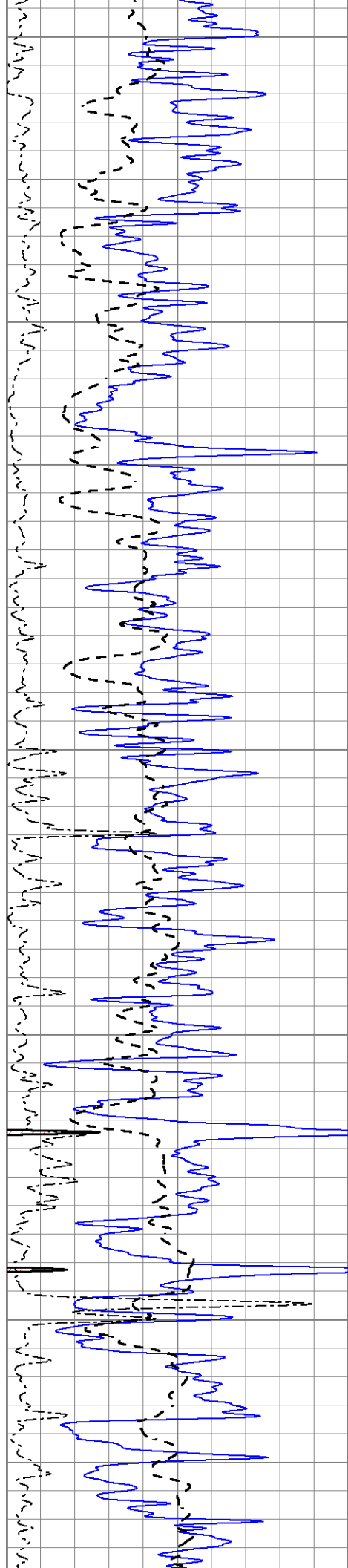
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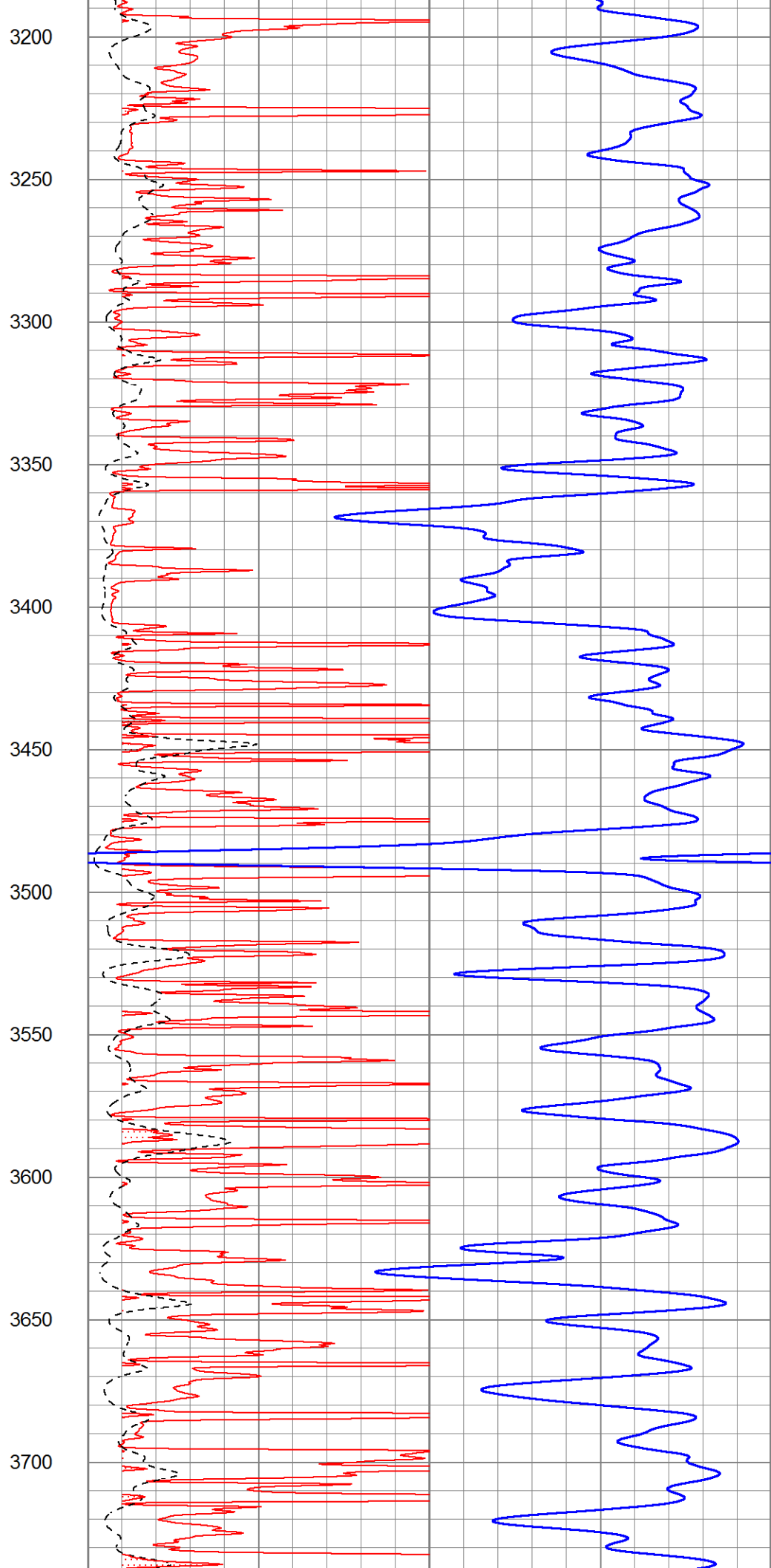
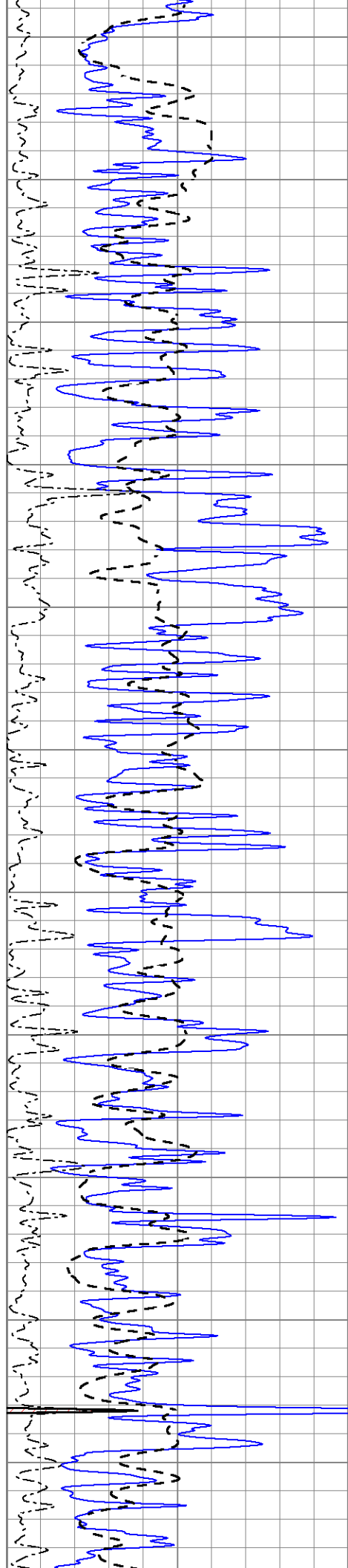
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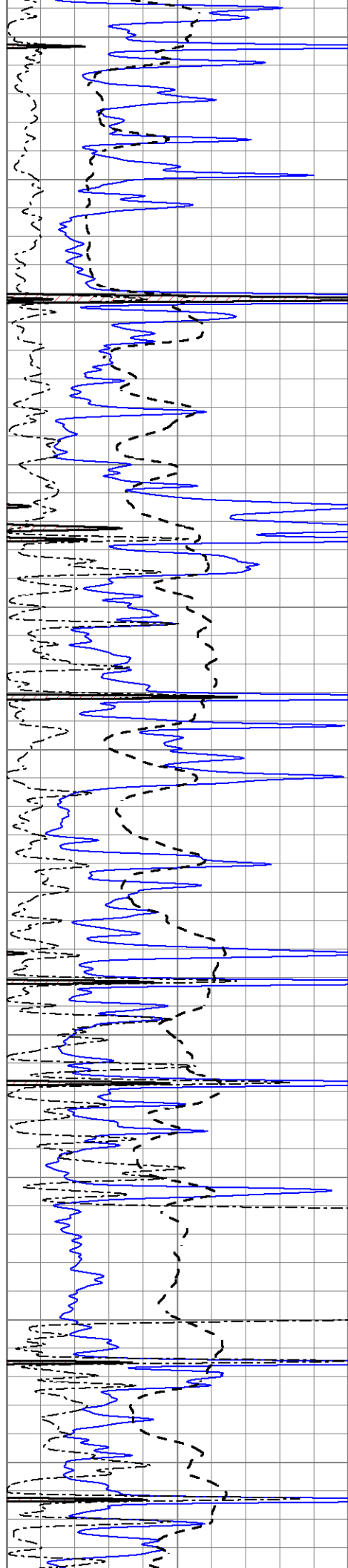
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3800

3850

3900

3950

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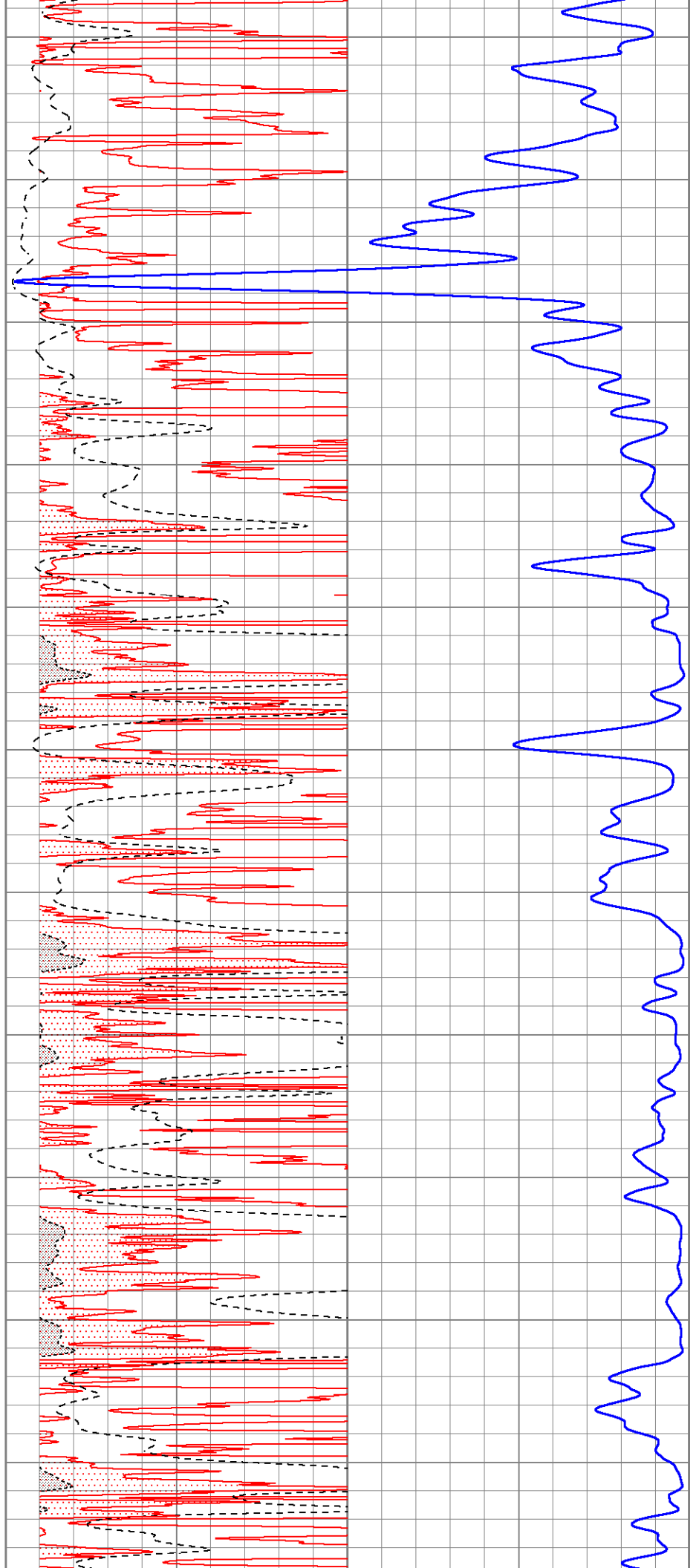
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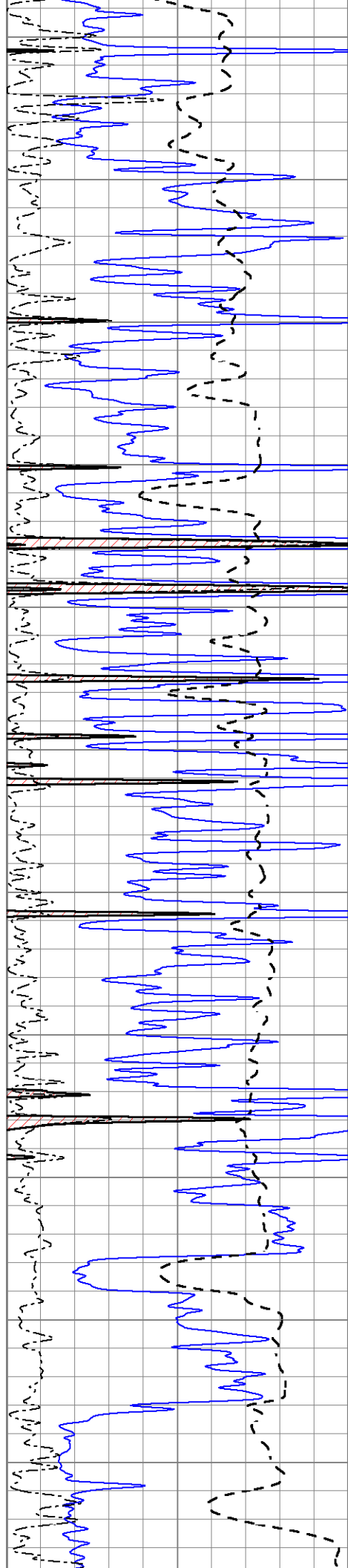
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4200

4250





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4350

4400

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4500

4550

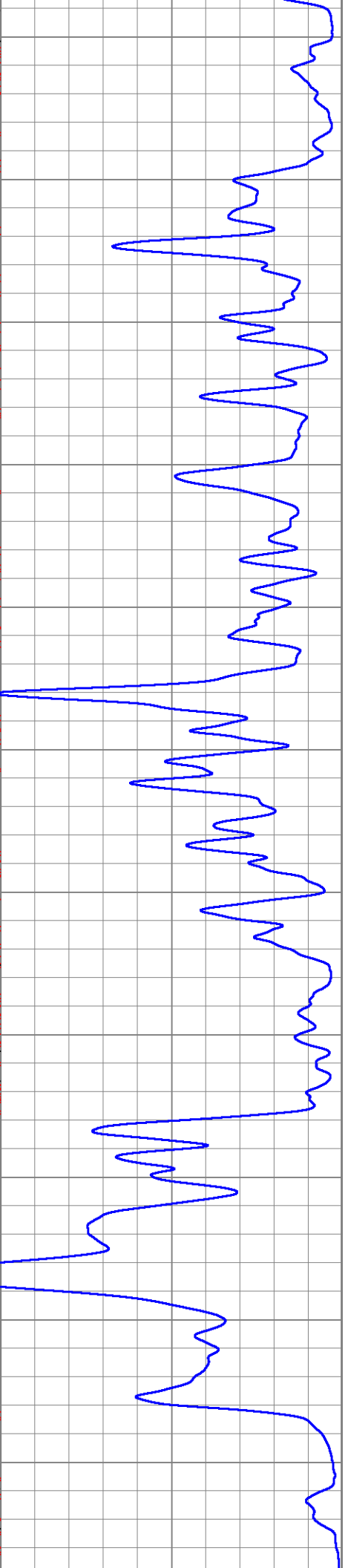
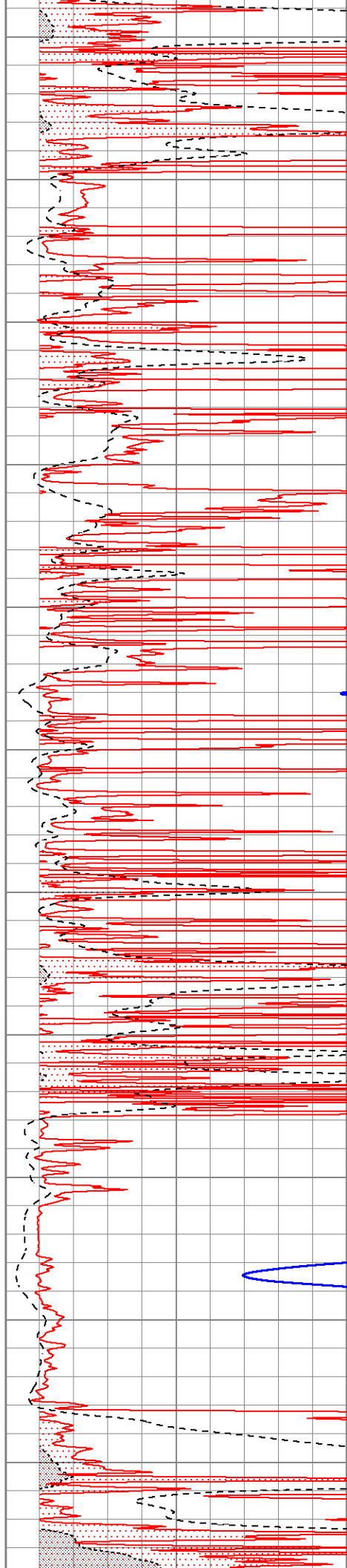
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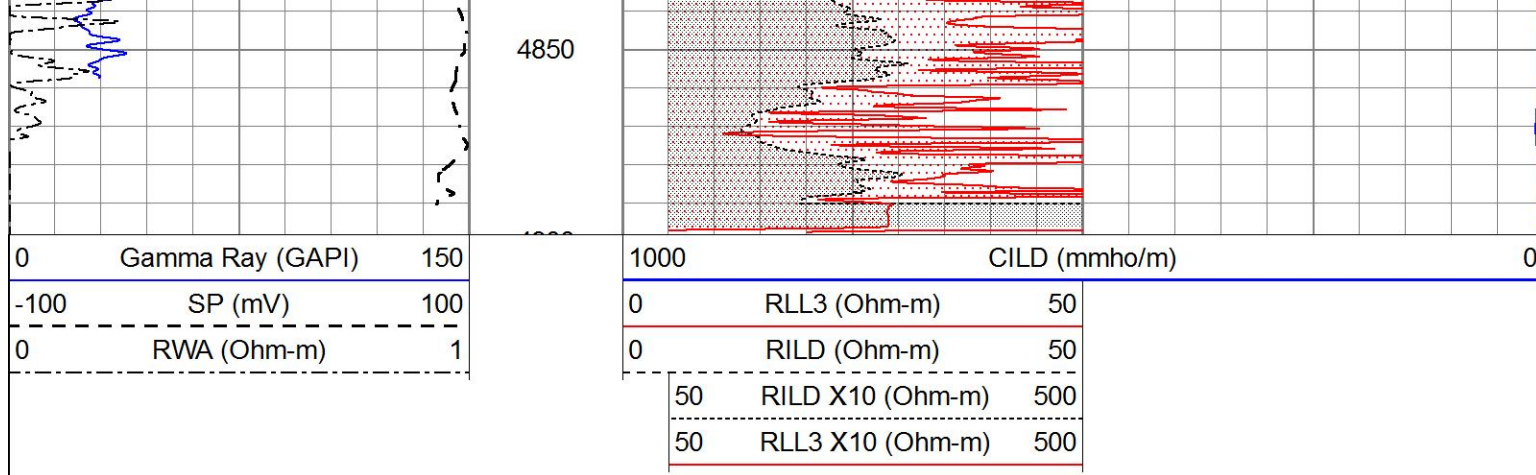
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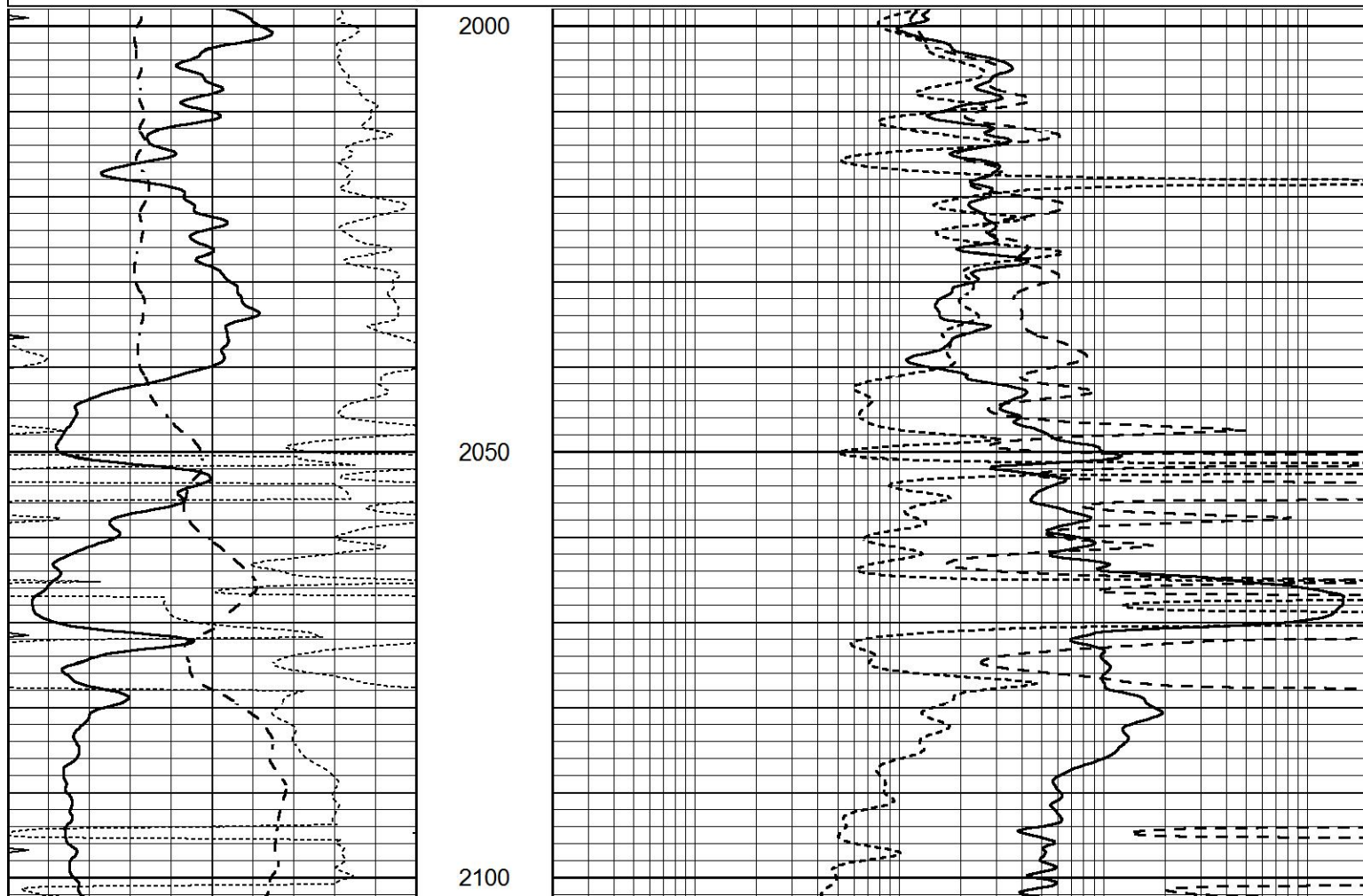


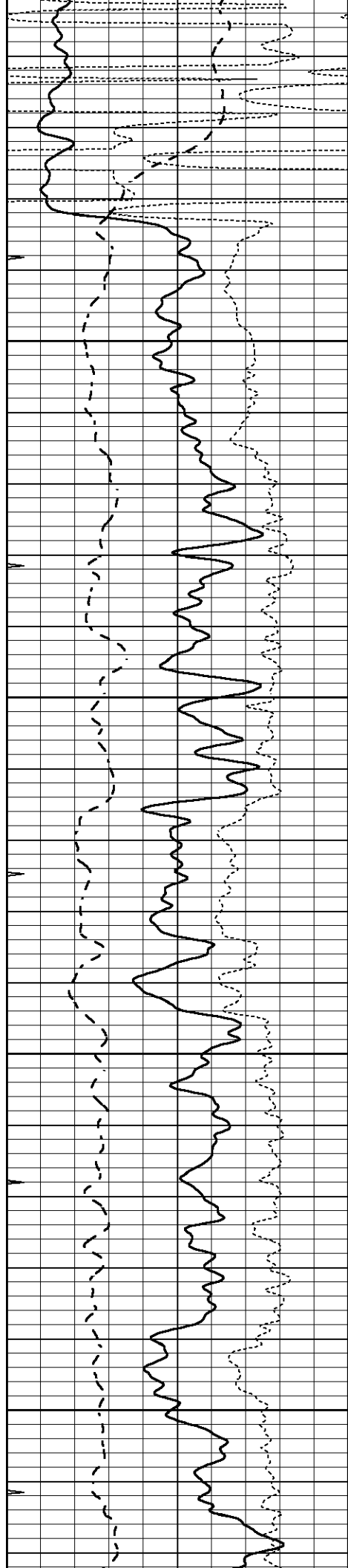


MAIN SECTION

Database File 7088ddn.db
 Dataset Pathname pass4.1M
 Presentation Format _dil
 Dataset Creation Wed Oct 05 11:42:00 2022
 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			



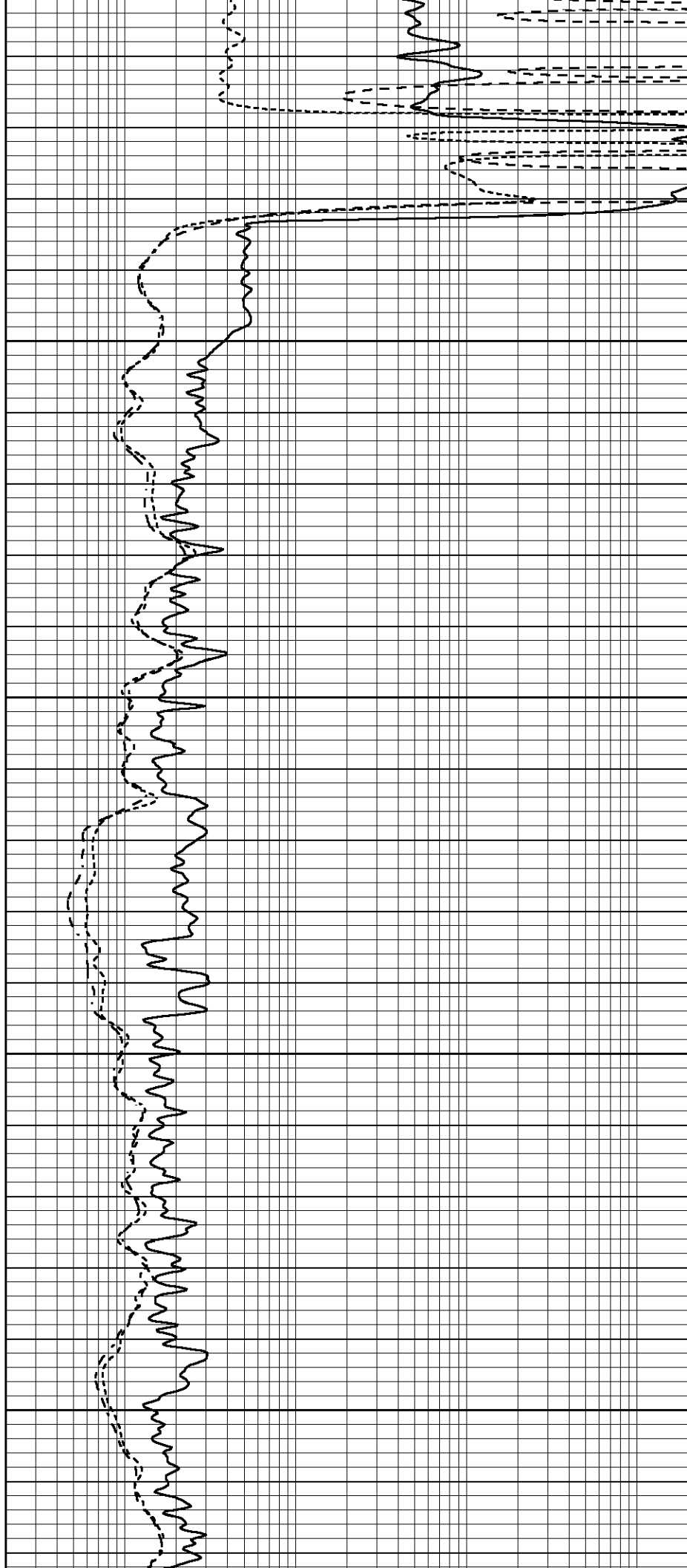


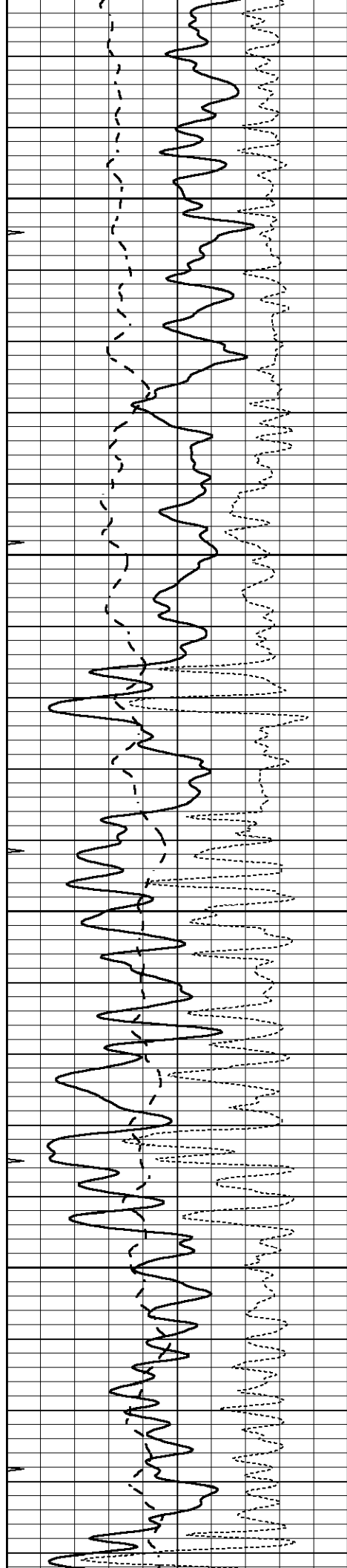
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2200

2250

2300



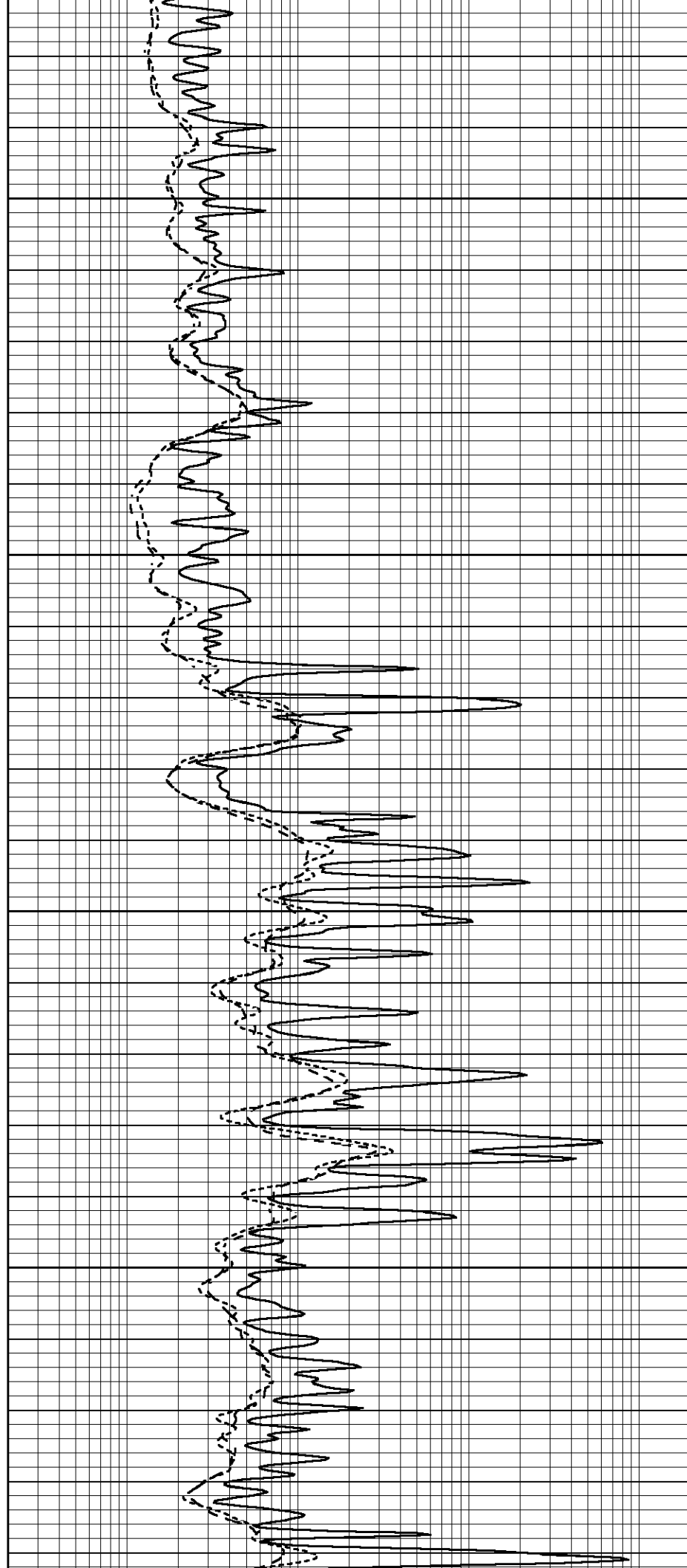


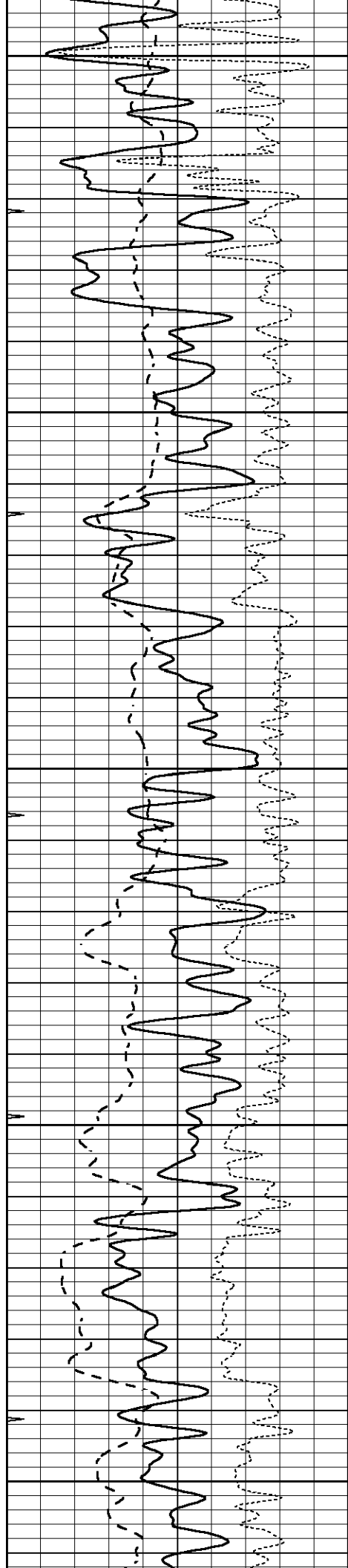
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2450

2500





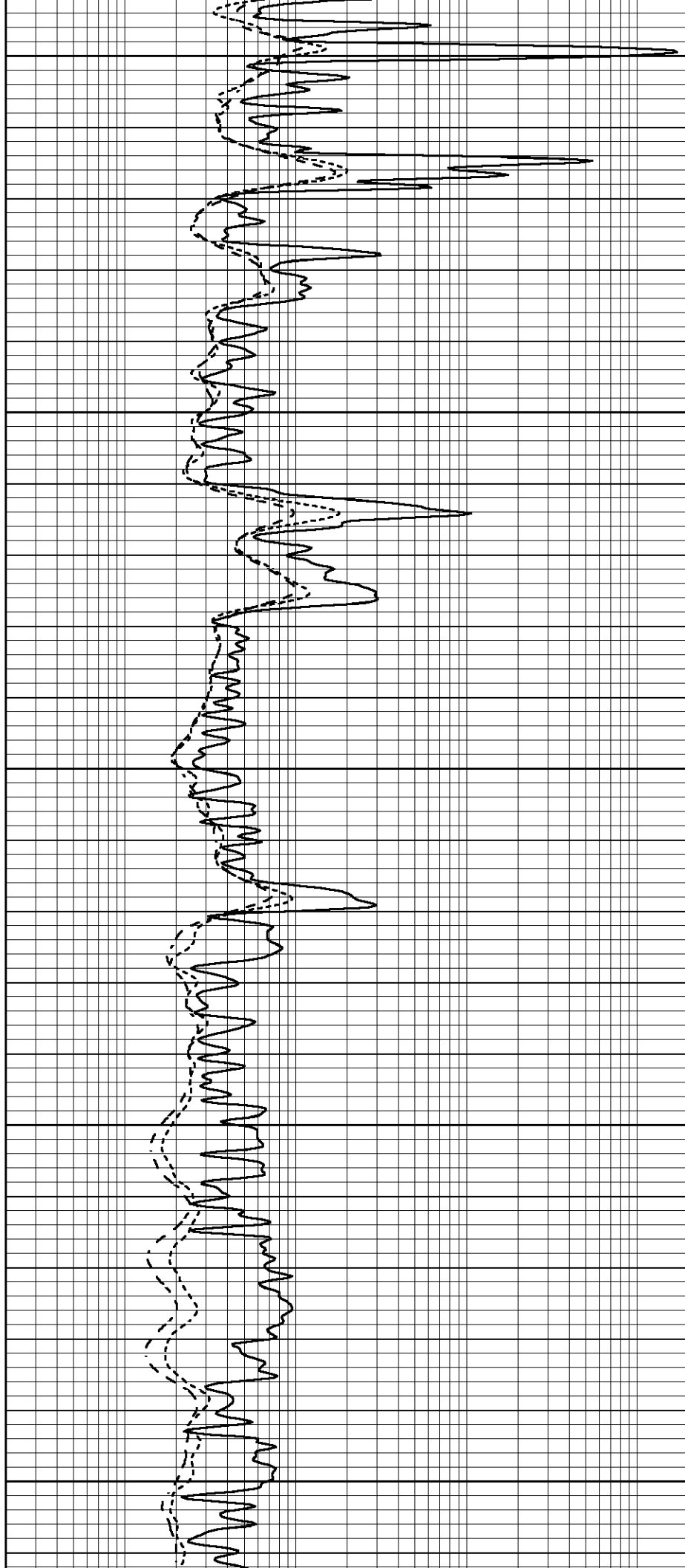
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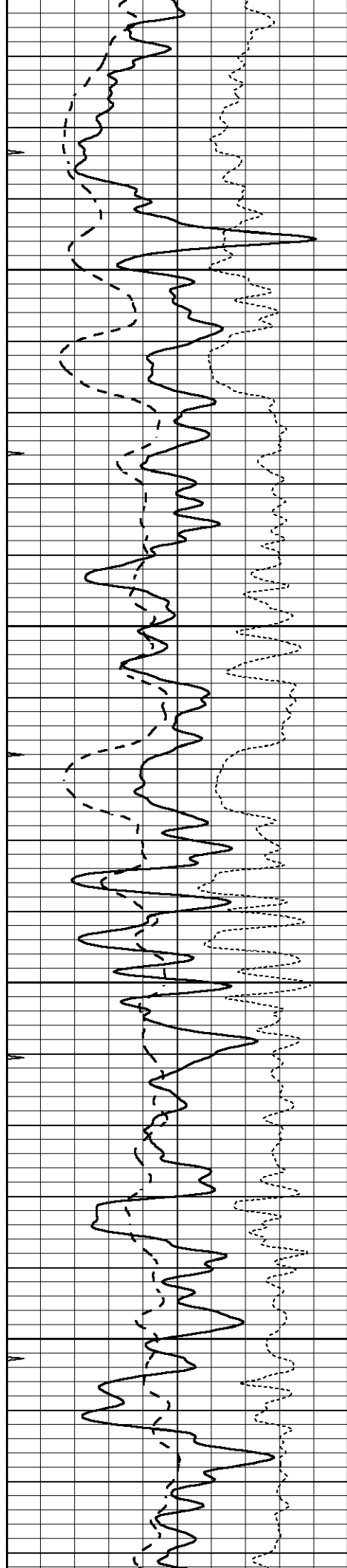
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2750



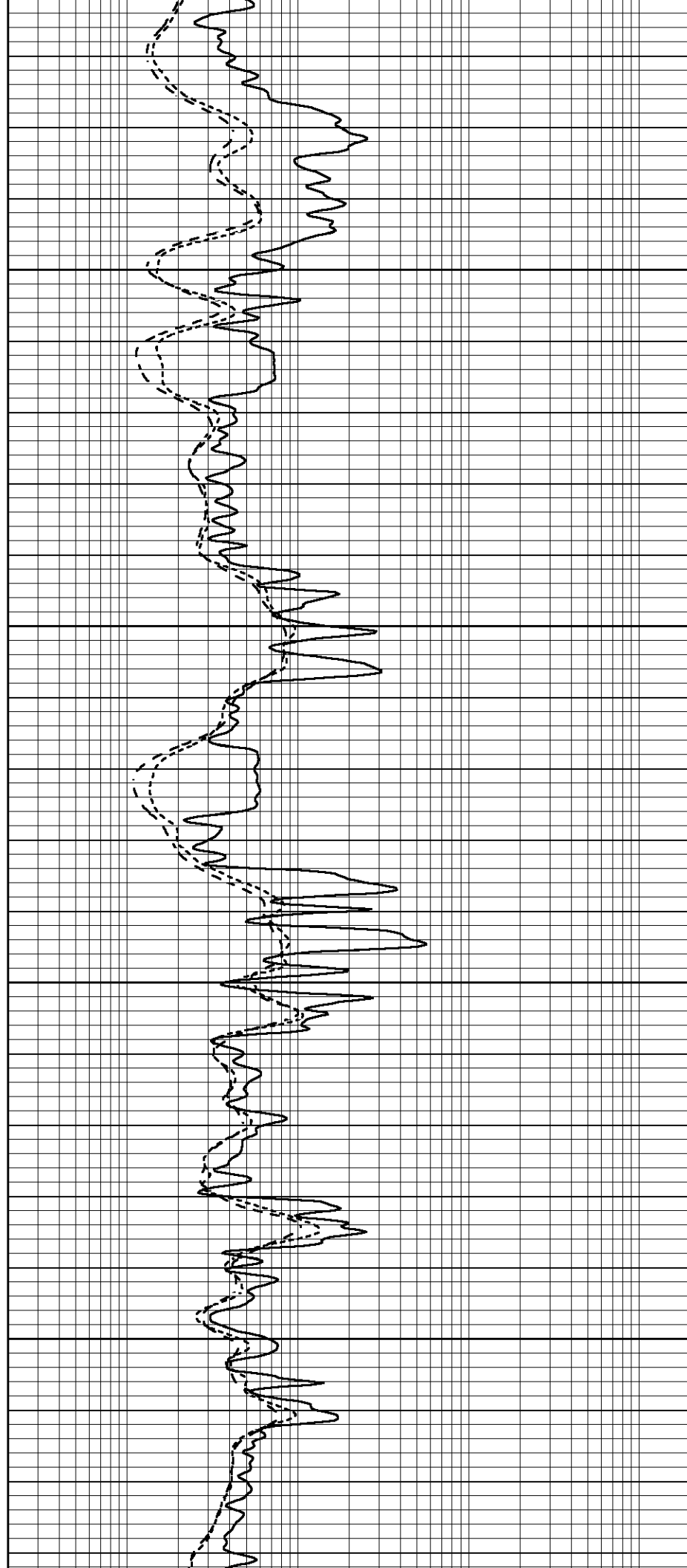


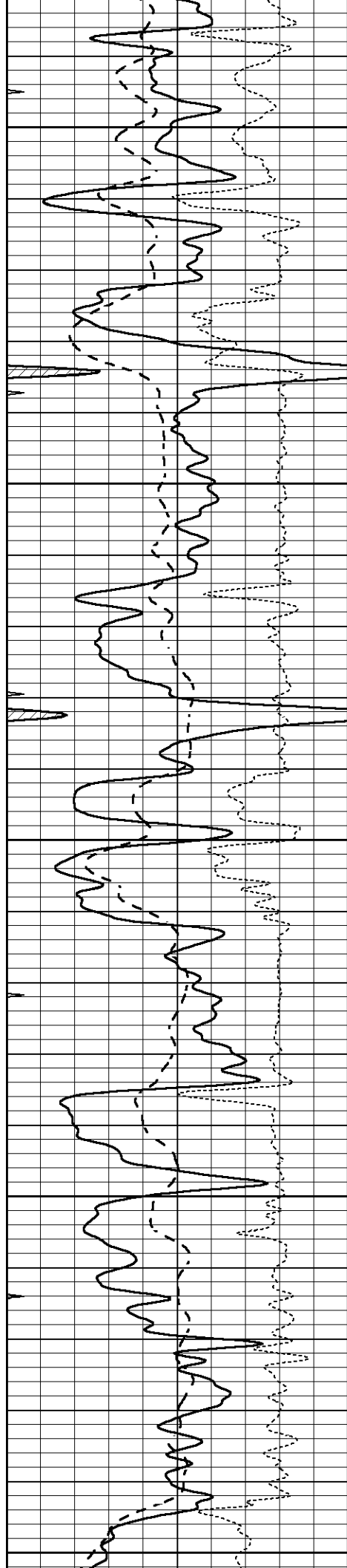
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2900

2950





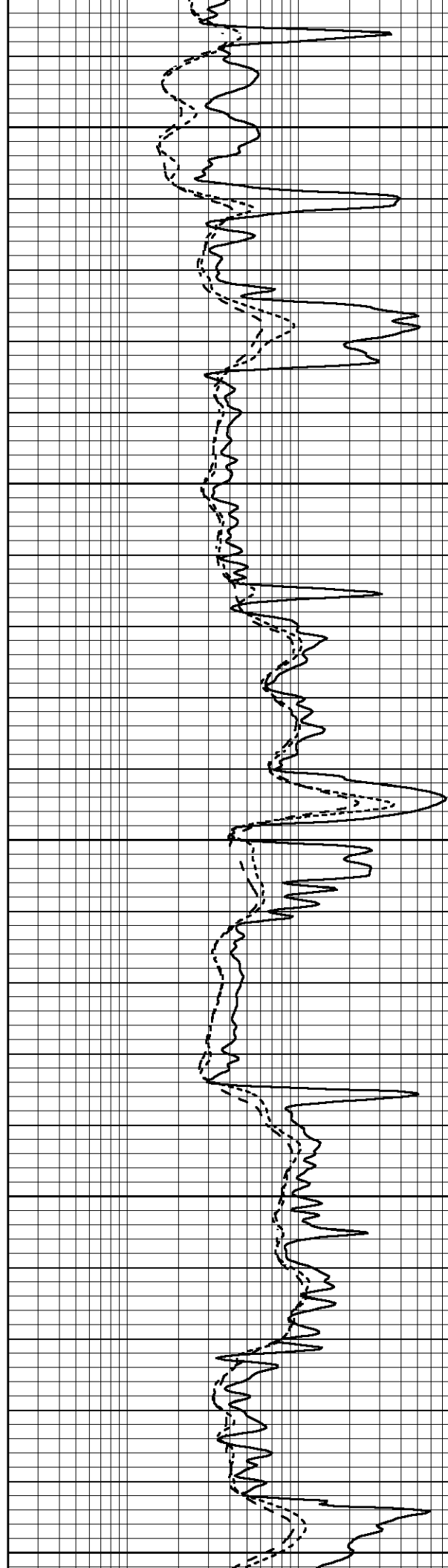
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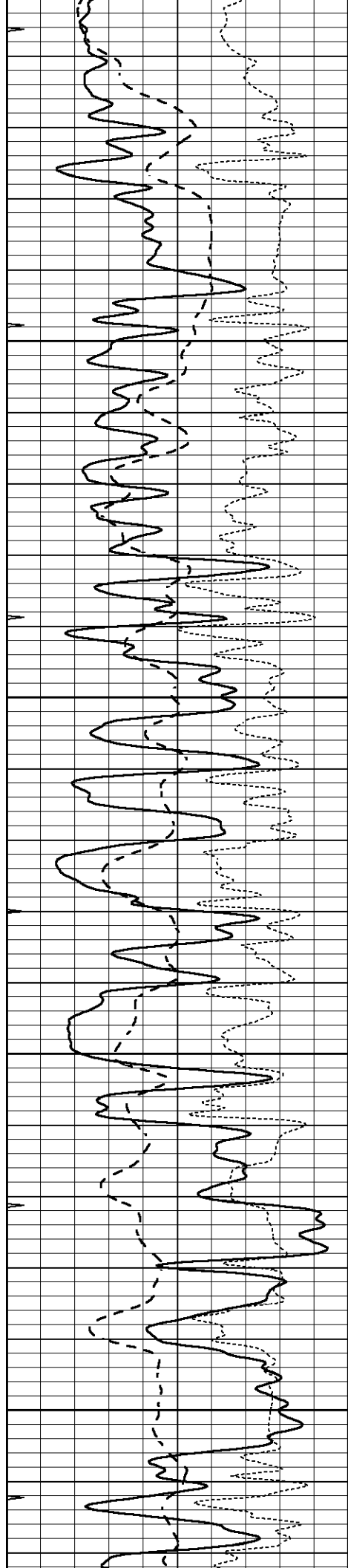
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3100

3150

3200



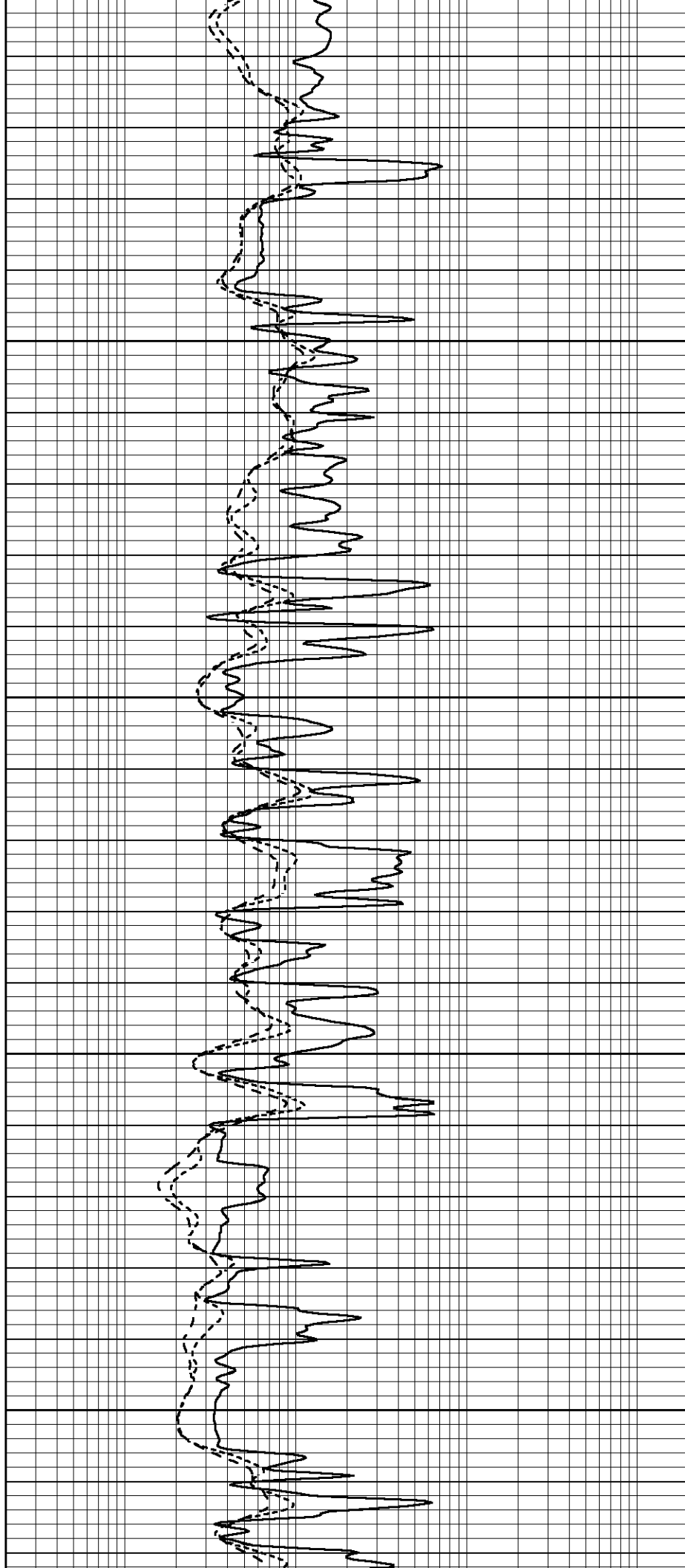


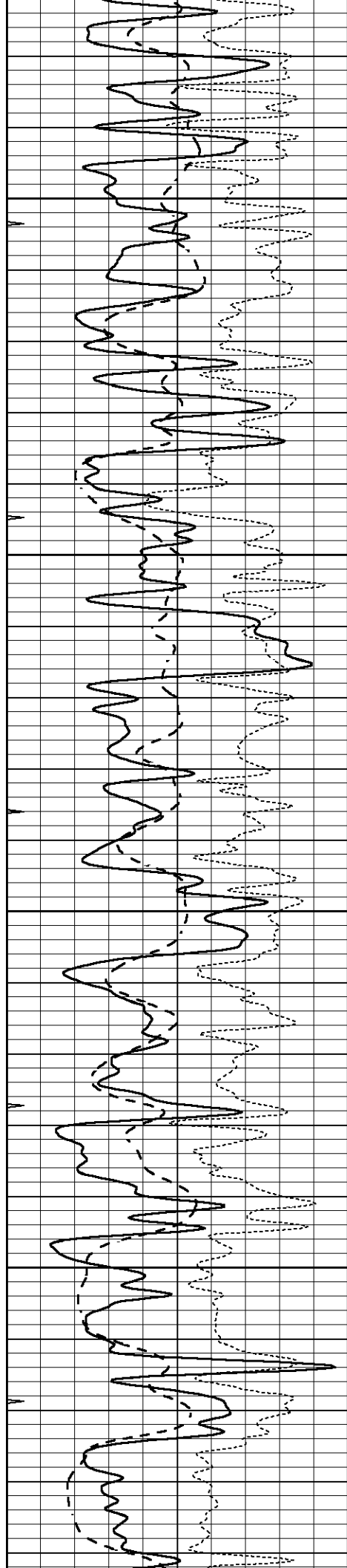
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3350

3400



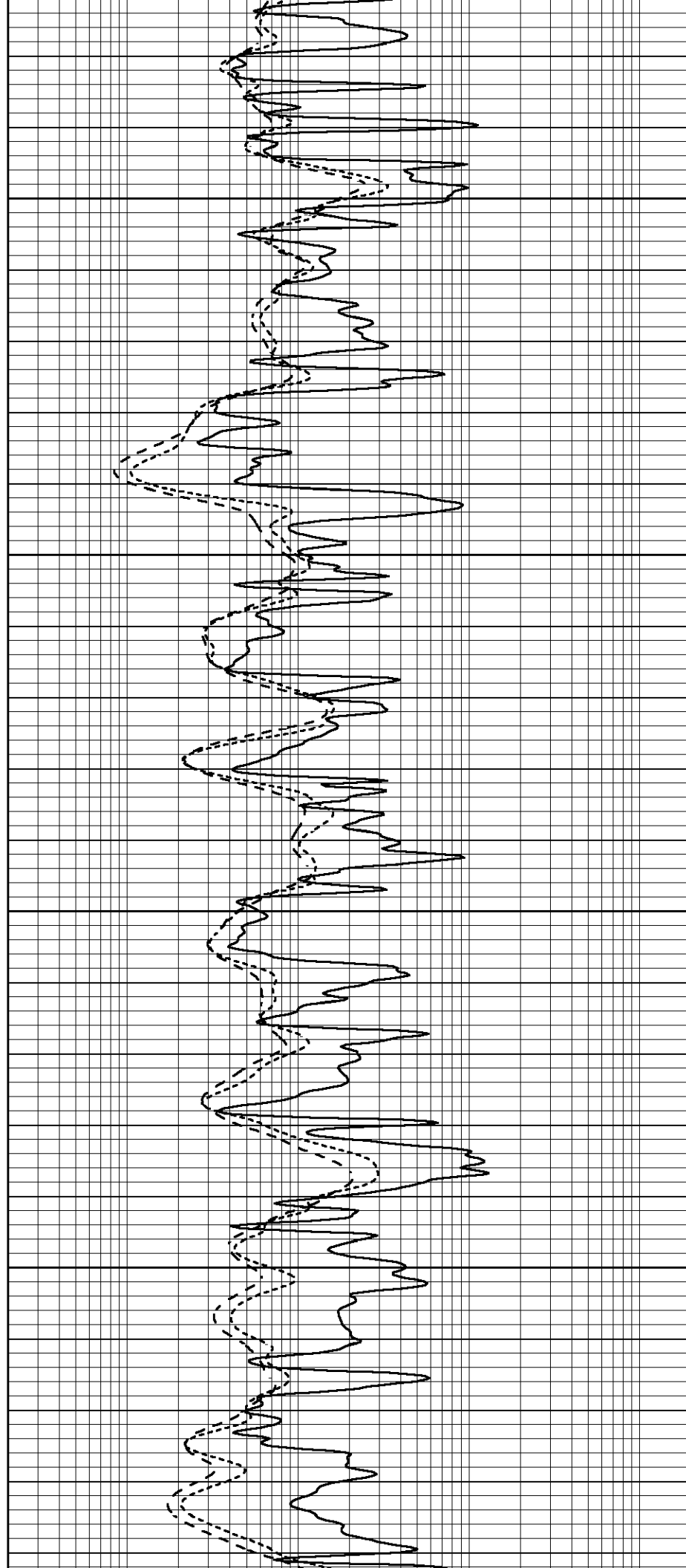


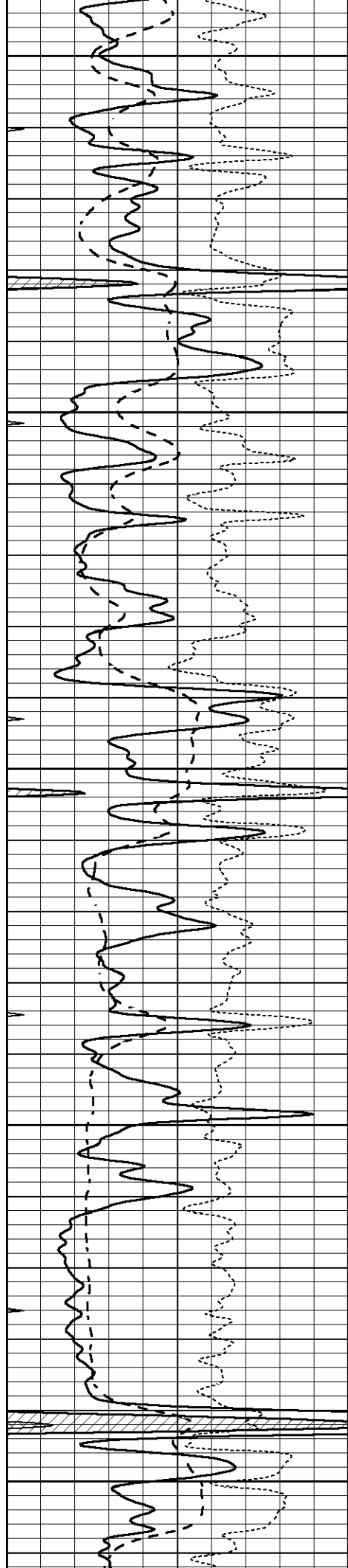
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3550

3600





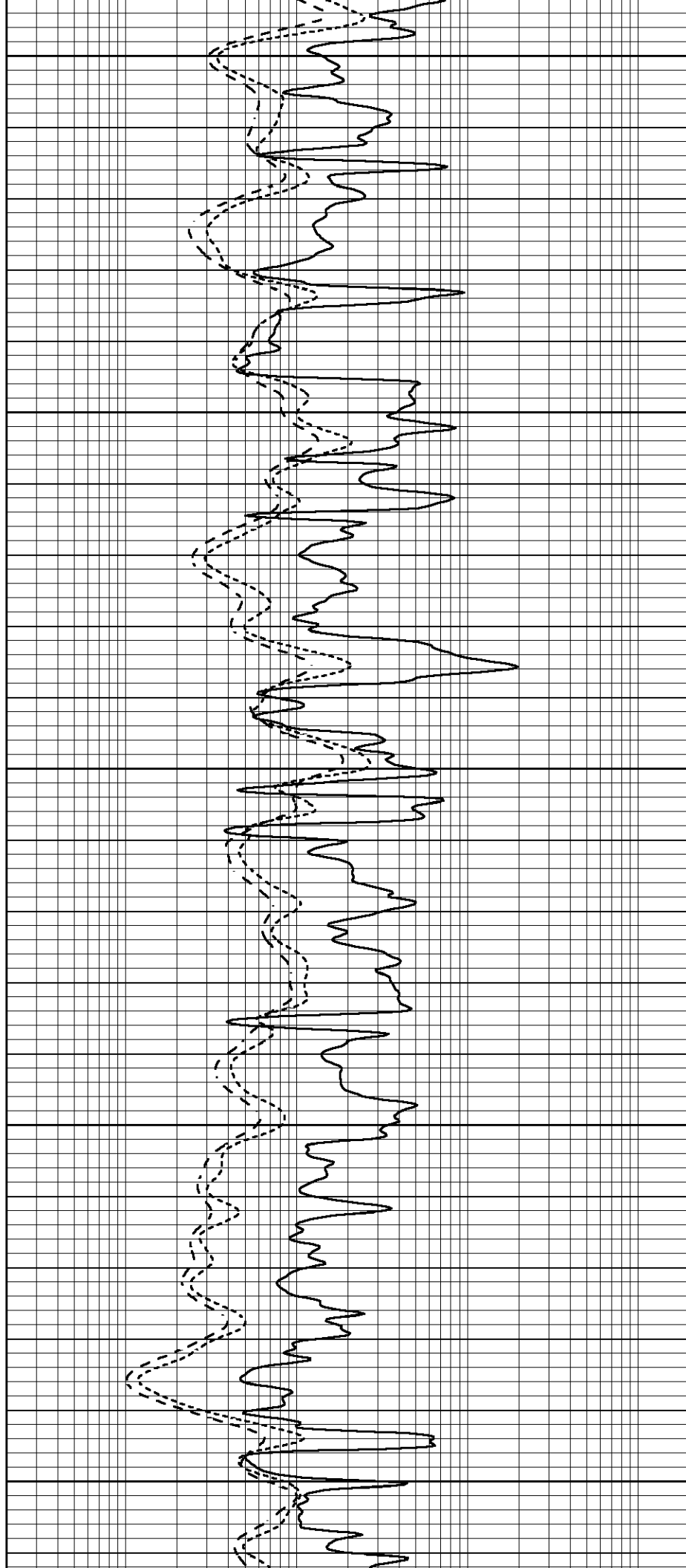
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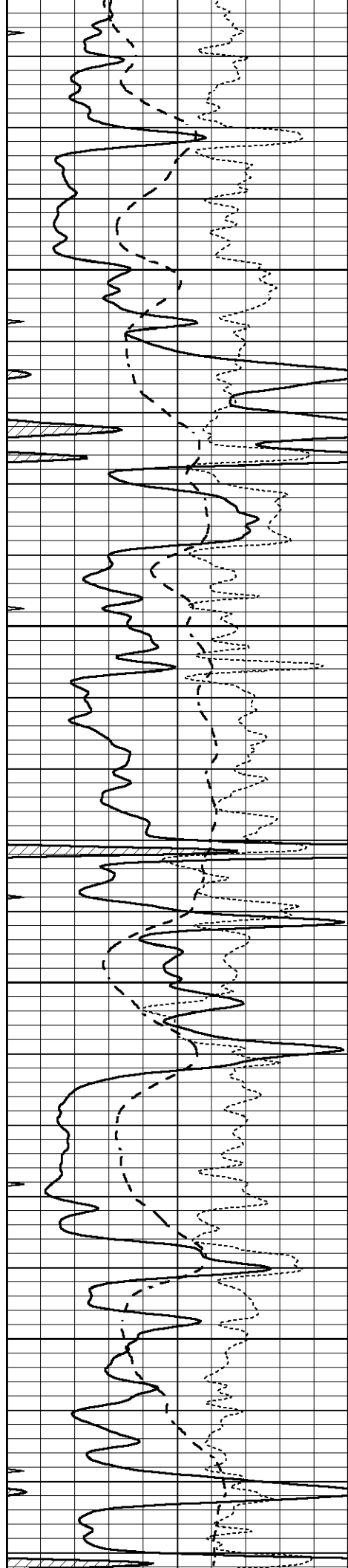
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3750

3800

3850



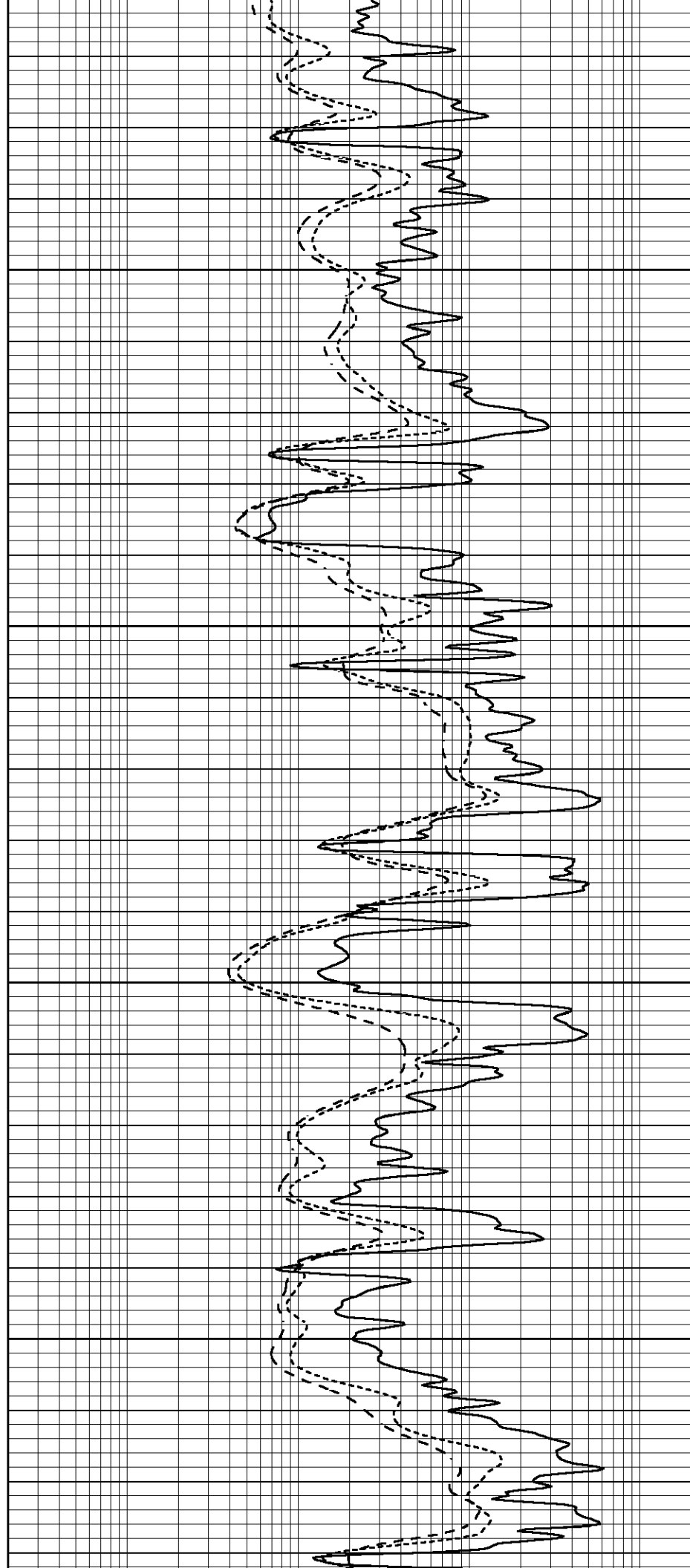


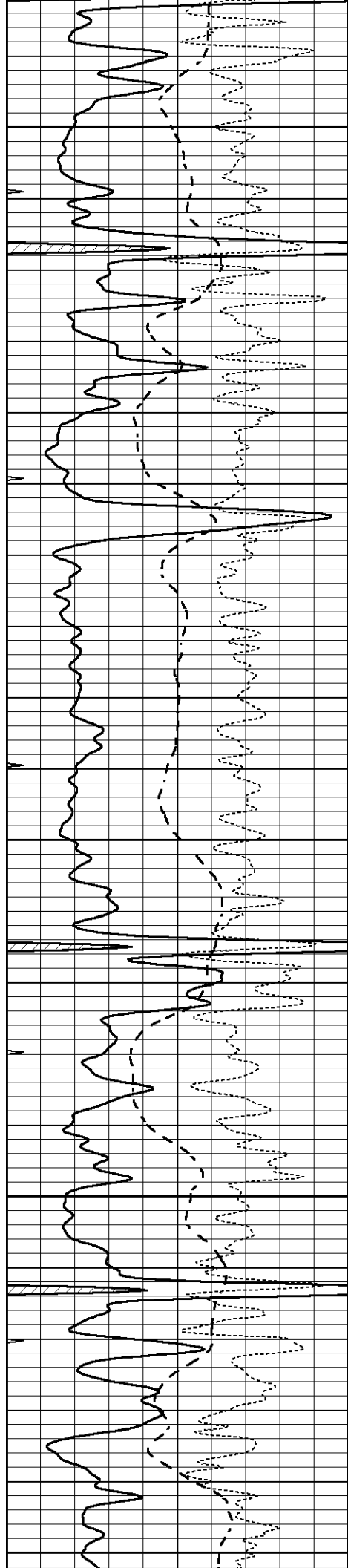
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3950

4000

4050





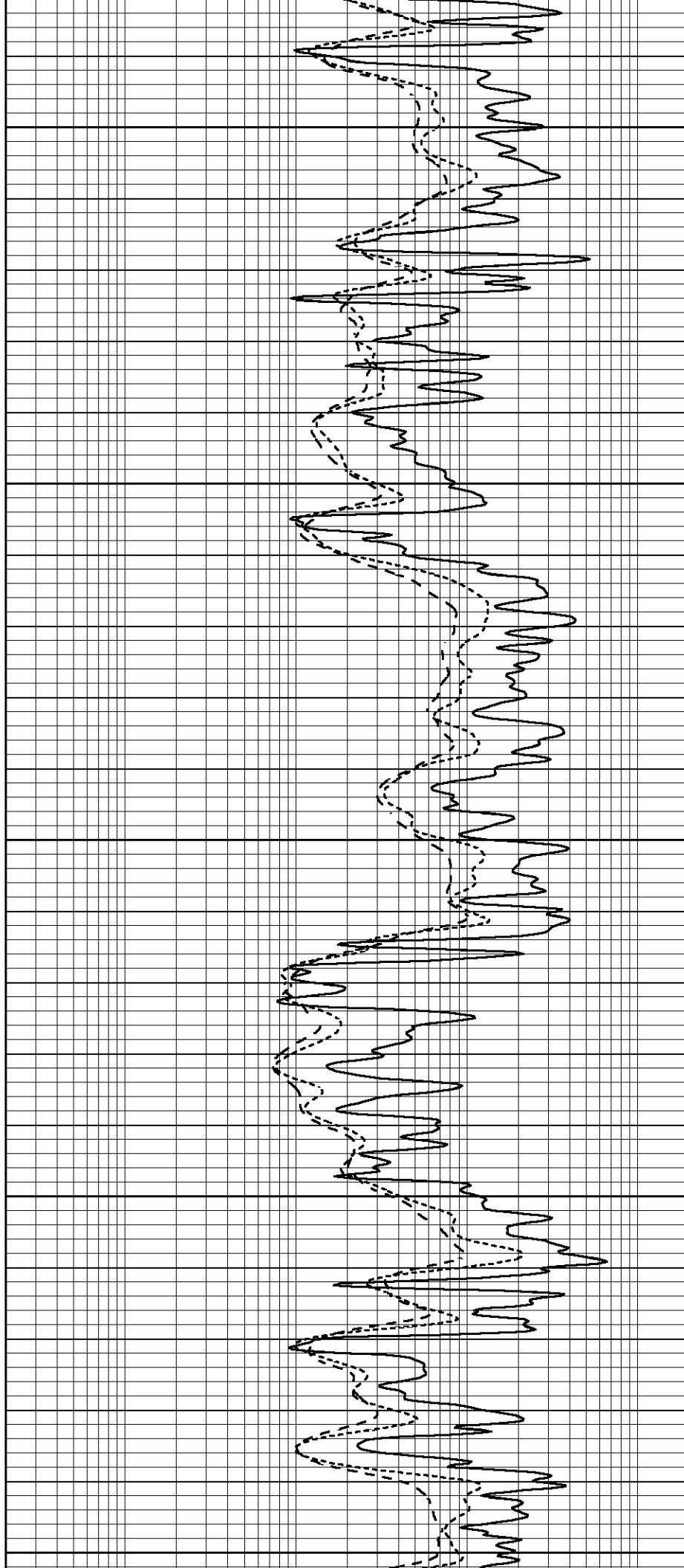
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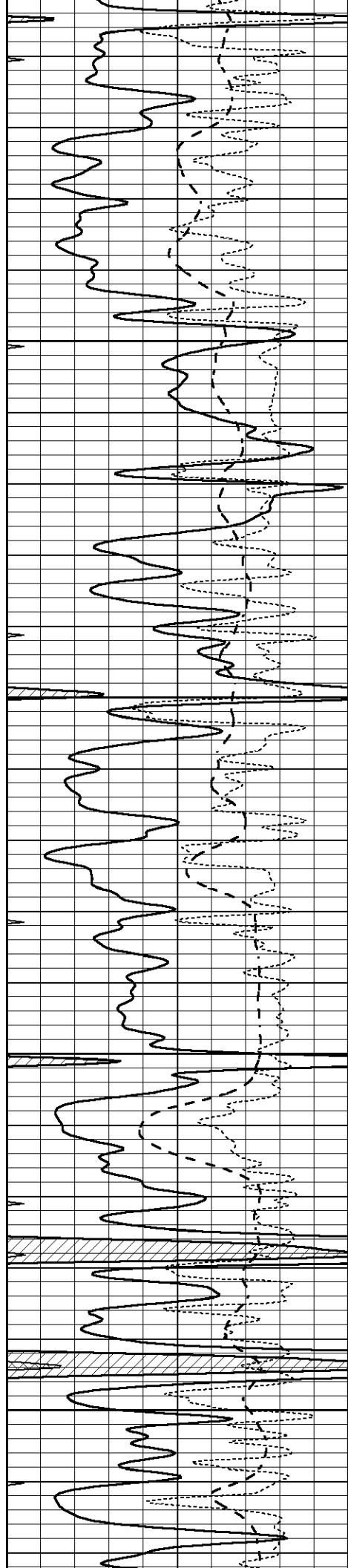
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4200

4250

4300



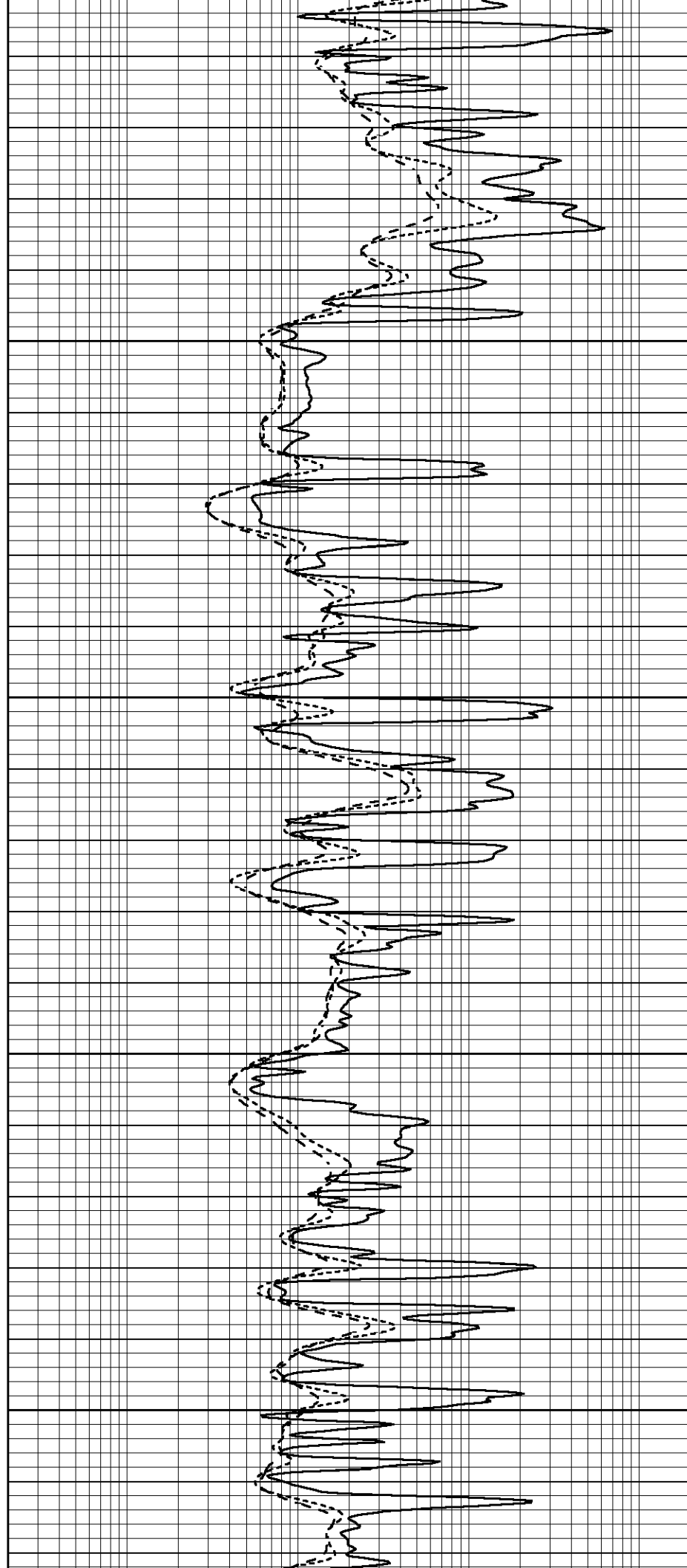


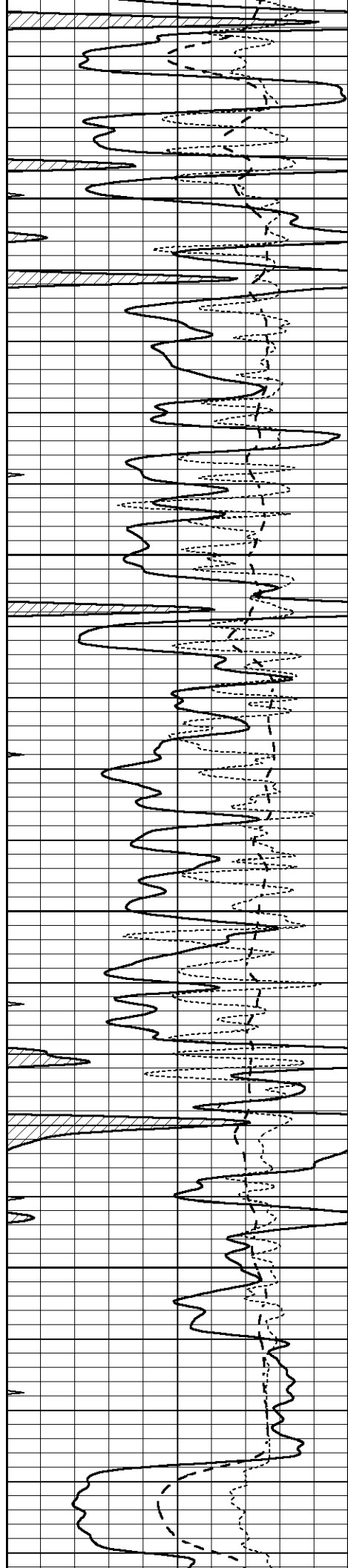
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4400

4450

4500



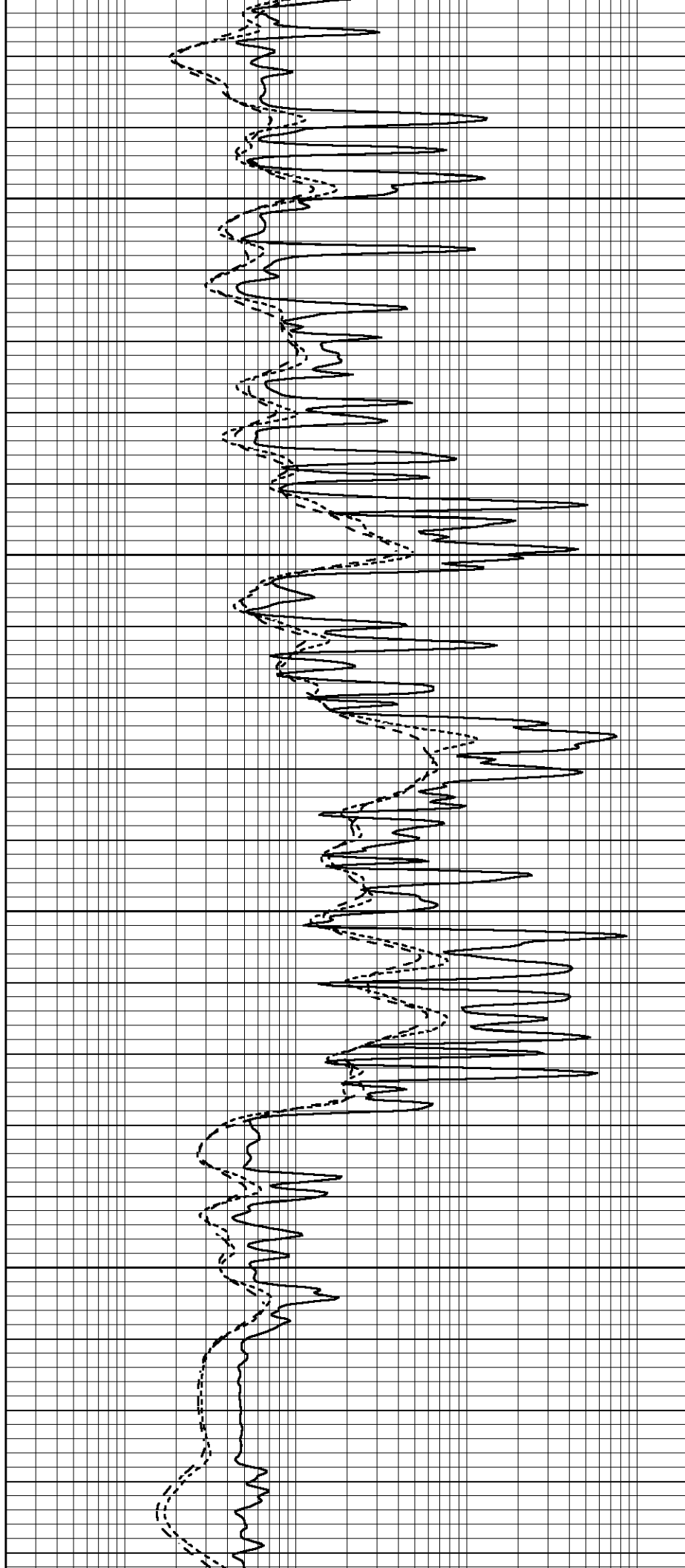


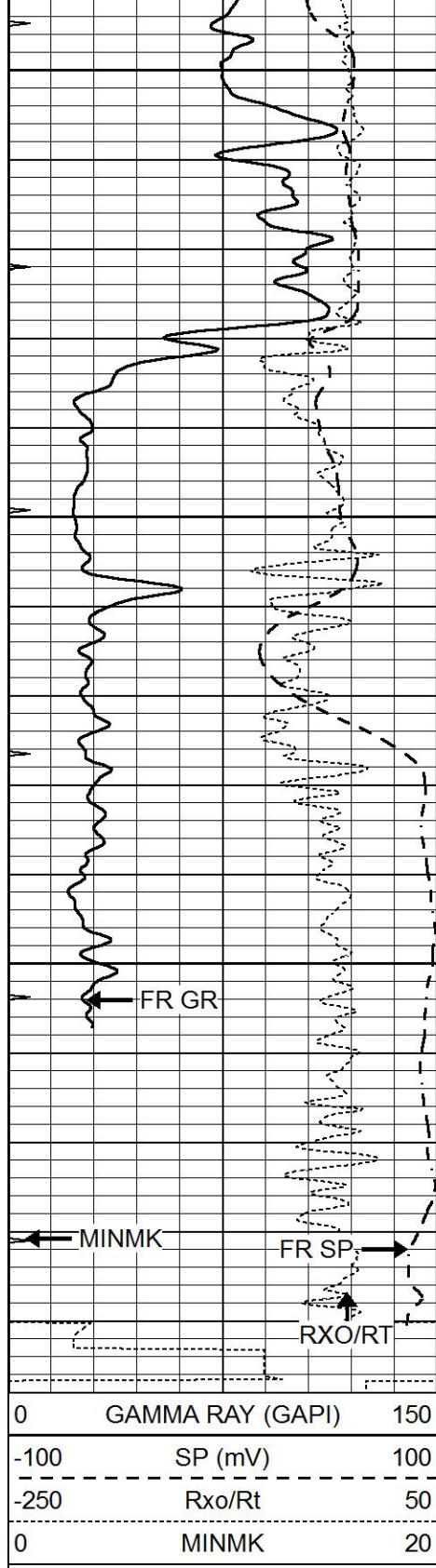
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4700



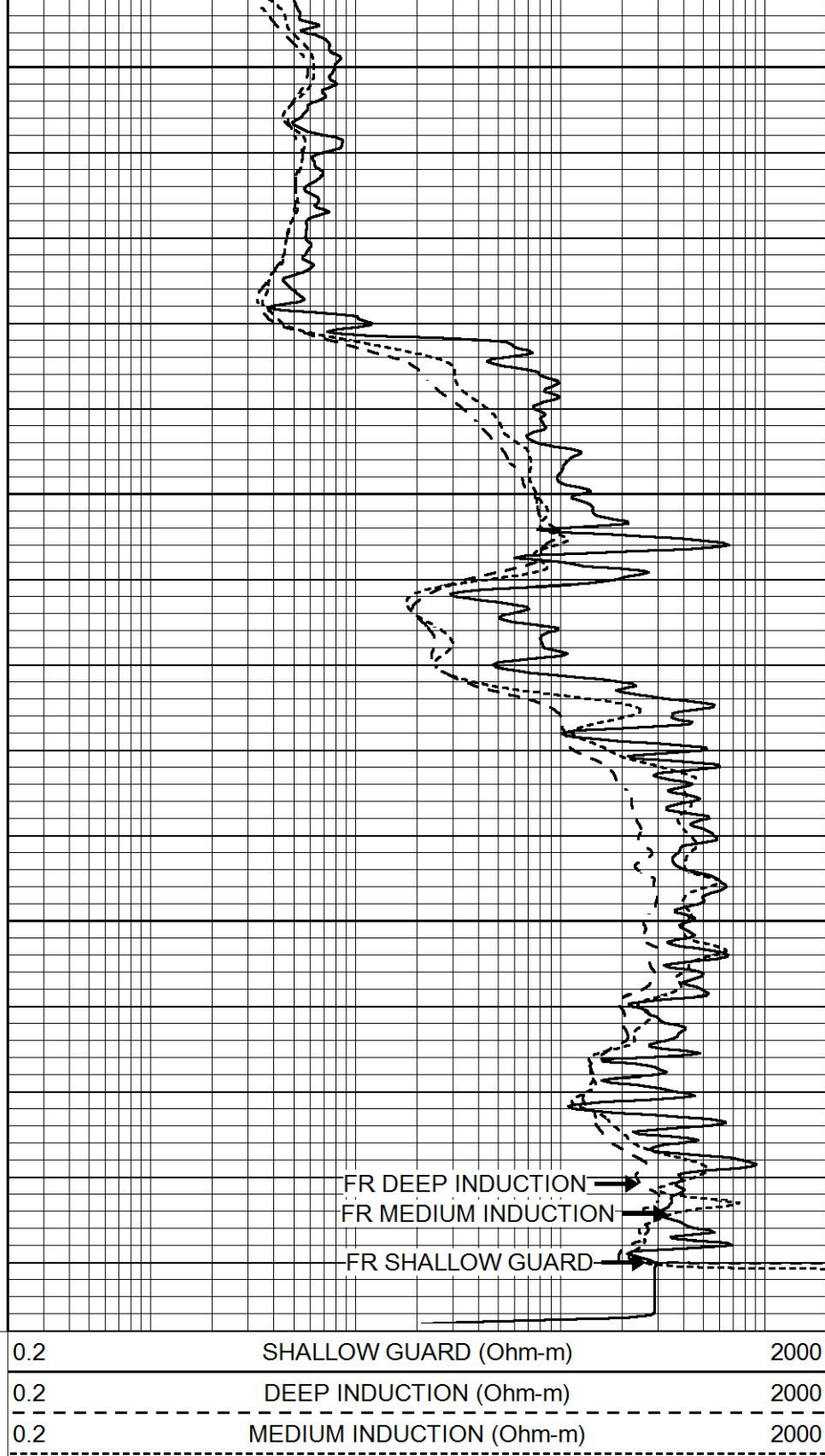


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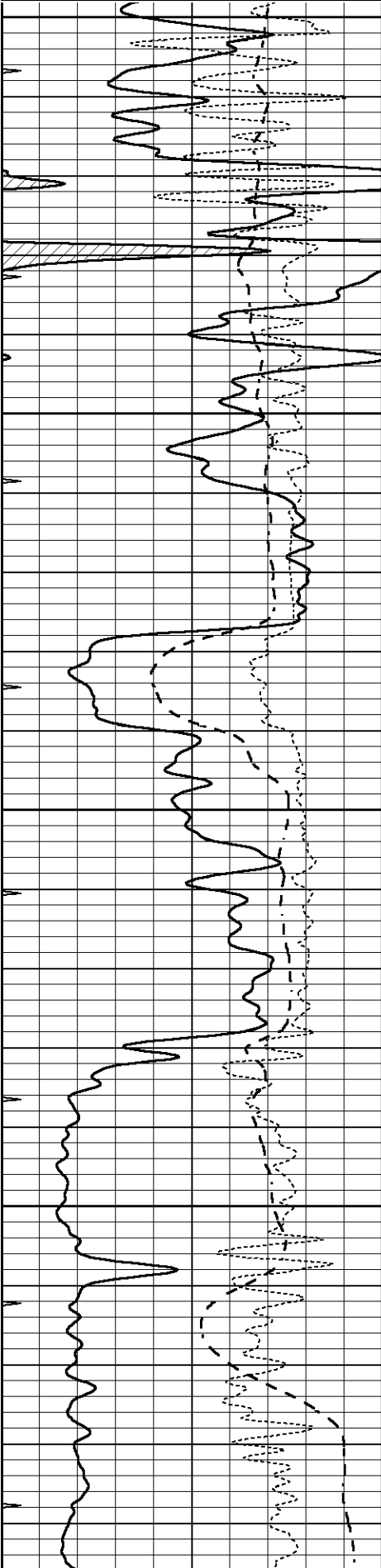
LTD 4892



REPEAT SECTION

Database File 7088ddn.db
 Dataset Pathname pass3.1R
 Presentation Format _dil
 Dataset Creation Wed Oct 05 10:23:41 2022
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0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20



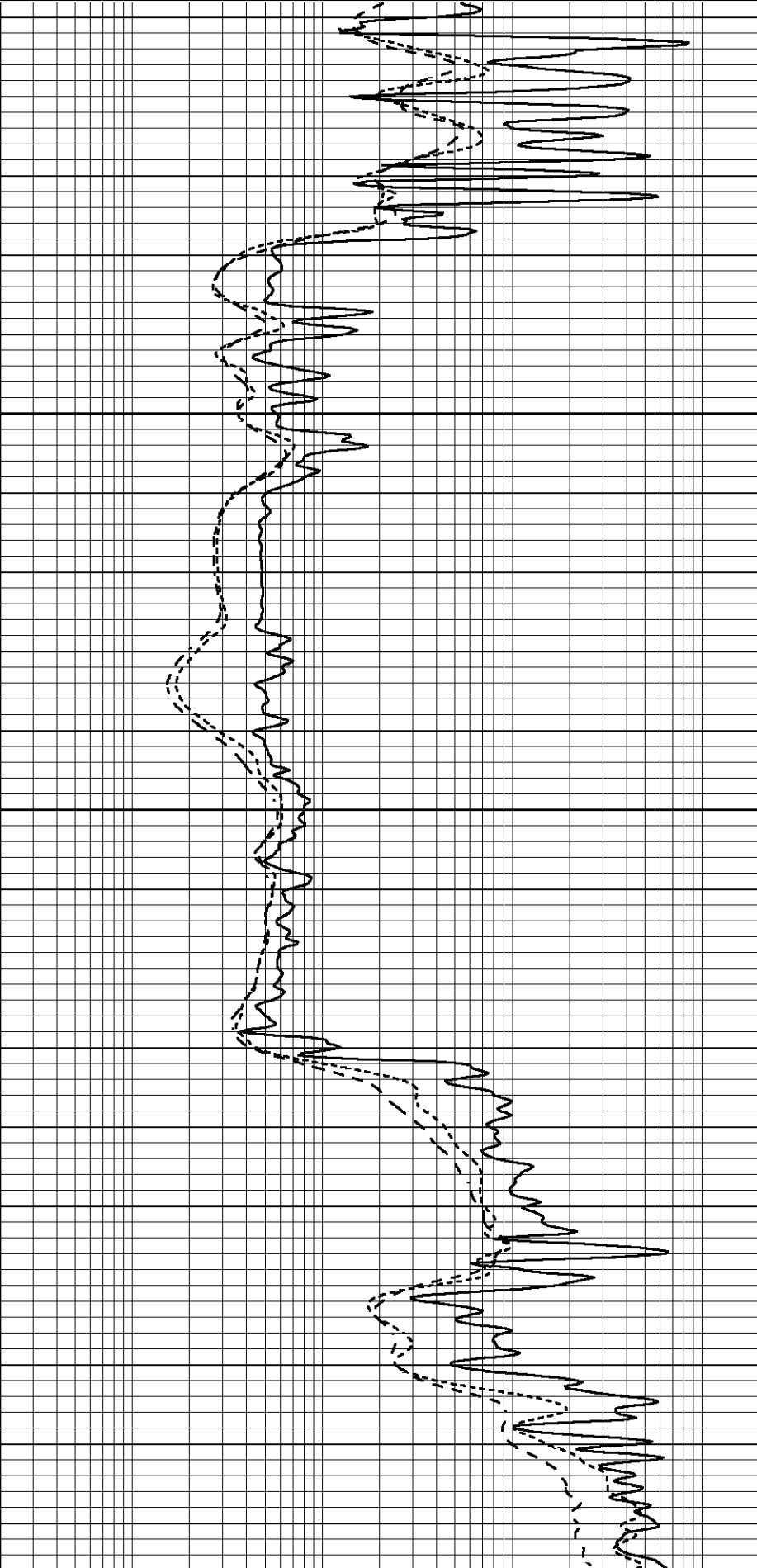
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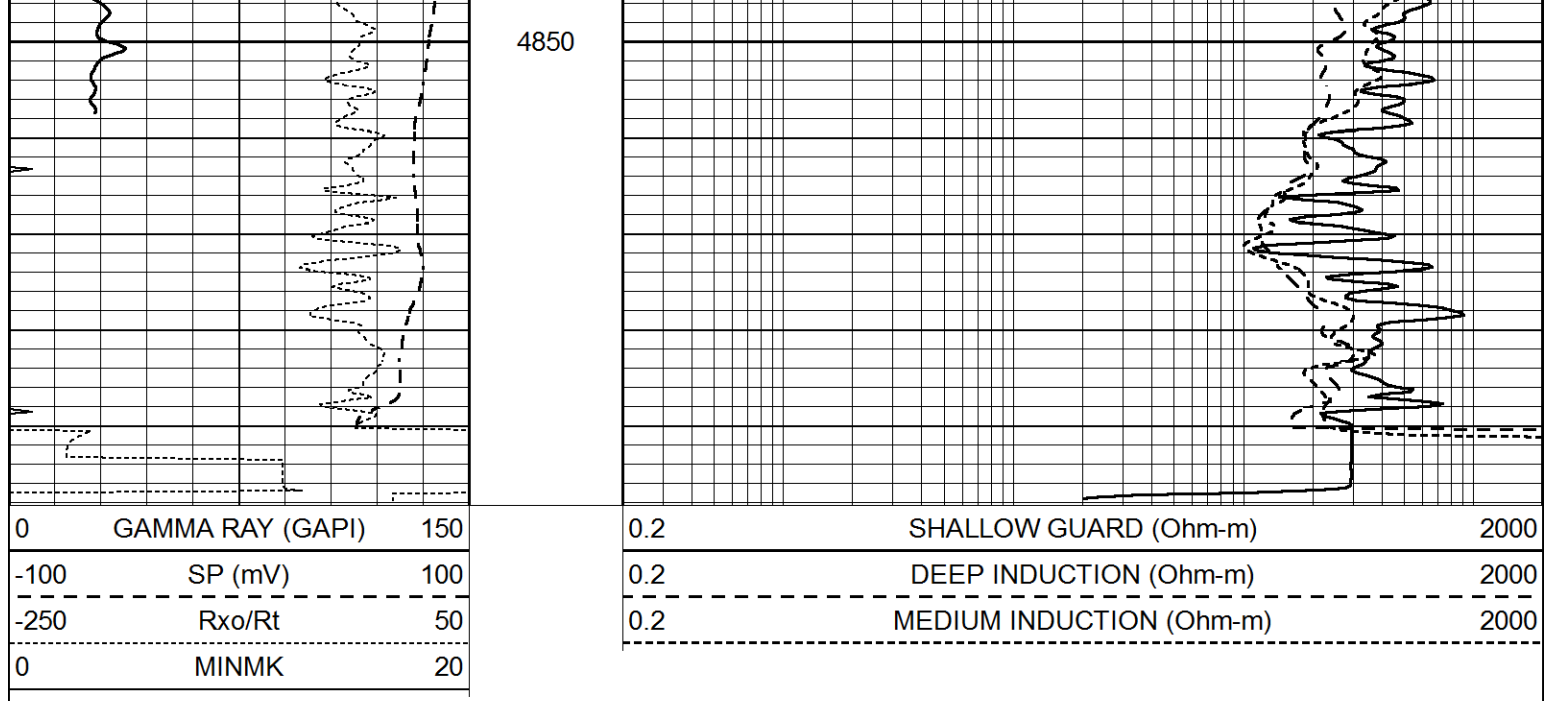
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4800

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000





Calibration Report									
Database File	7088ddn.db								
Dataset Pathname	pass4.1M								
Dataset Creation	Wed Oct 05 11:42:00 2022								
Dual Induction Calibration Report									
Serial-Model:				PROBE8-DILG					
Surface Cal Performed:				Wed Oct 05 09:59:19 2022					
Downhole Cal Performed:				Mon Jul 28 11:08:27 2008					
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	640.000	5.000	
Medium	0.029	0.796	V	0.000	464.000	mmho/m	600.000	-6.000	
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			

LES	1.000	Ohm-FM	1.000	Ohm-FM
	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
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 Sep 28 11:42:18 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.3000	GAPI/cps	