



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No. 15-193-20,840-00-00

Company	Murfin Drilling Company, Inc.	Location	1896' FSL & 1816' FWL	Other Services CNL/CDL MEL/BHCS	
Well	Kruto No. 1-29	County	Thomas	Elevation K.B. 3258 D.F. G.L. 3245	
Field	Wildcat	State	Kansas		
Sec:	29	Twp:	10S	Rge:	34W
Permanent Datum	Ground Level	Log Measured From	Kelly Bushing	Elevation	3245
Drilling Measured From	Kelly Bushing	Drilling Measured From	Kelly Bushing		
					13 Ft. Above Perm. Datum

Date	2/23/2012
Run Number	One
Depth Driller	4915
Depth Logger	4904
Bottom Logged Interval	4903
Top Log Interval	0
Casing Driller	8.625 @ 268
Casing Logger	268
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	9.900
Density / Viscosity	9.3 52
pH / Fluid Loss	10.0 7.6
Source of Sample	Flowline
Rm @ Meas. Temp	.085 @ 57
Rmf @ Meas. Temp	.06 @ 57
Rmc @ Meas. Temp	.11 @ 57
Source of Rmf / Rmc	Charts
Rm @ BHT	.04 @ 125
Operating Rig Time	4 1/2 Hours
Max Rec. Temp. F	125
Equipment Number	17
Location	Hays
Recorded By	C. Desai
Witnessed By	Tom Funk

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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.

Comments

Thank you for using Log-Tech, Inc.
 (785) 625-3858

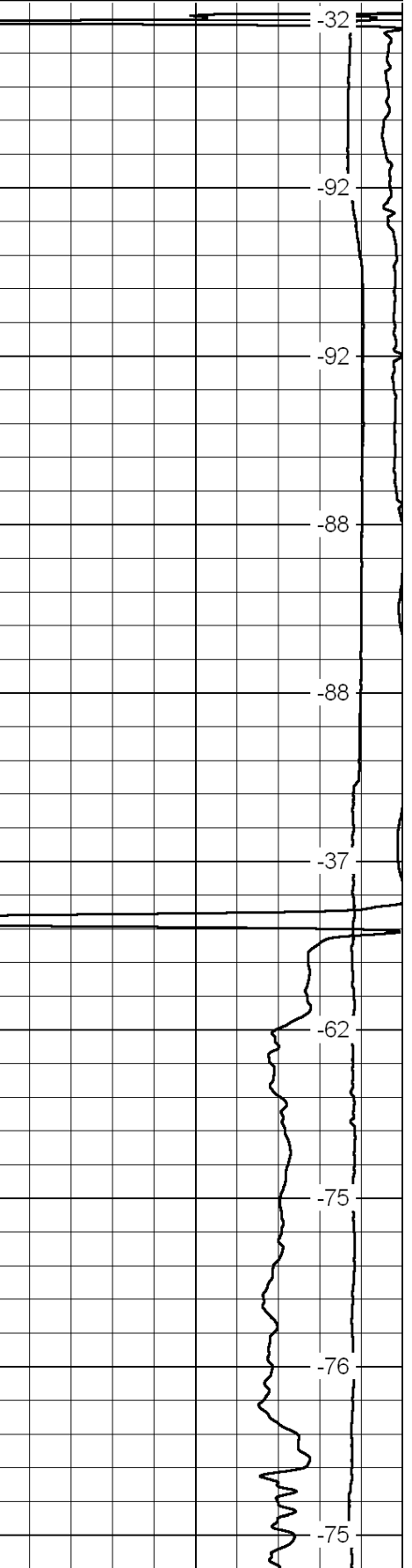
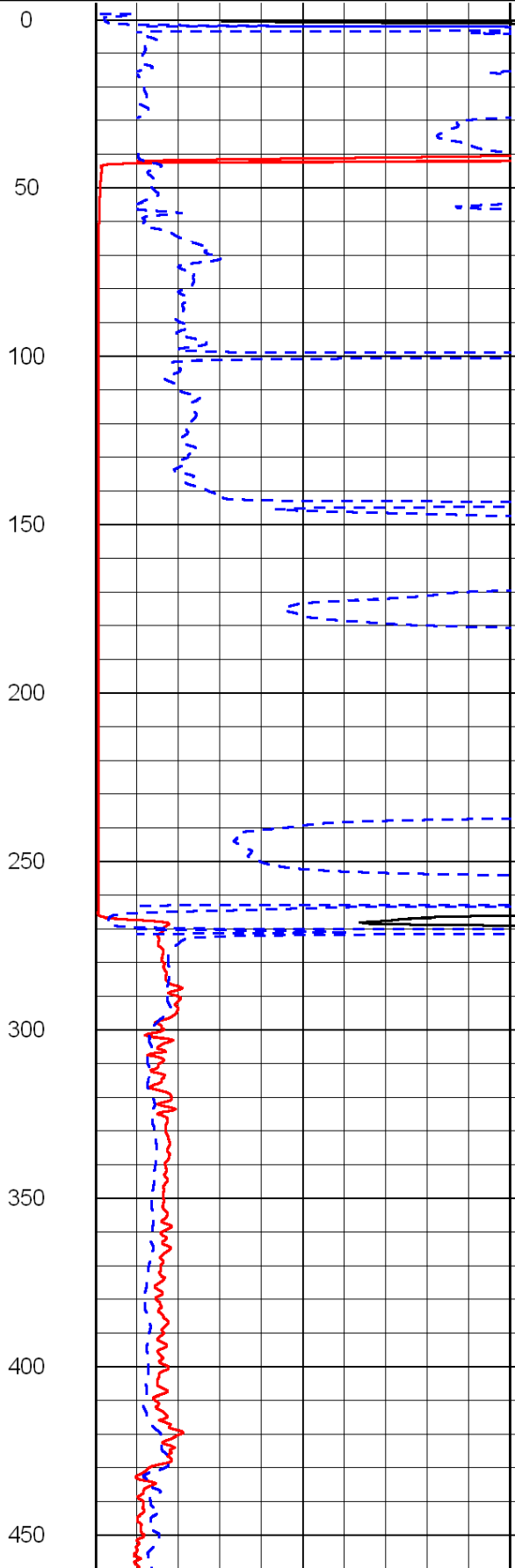
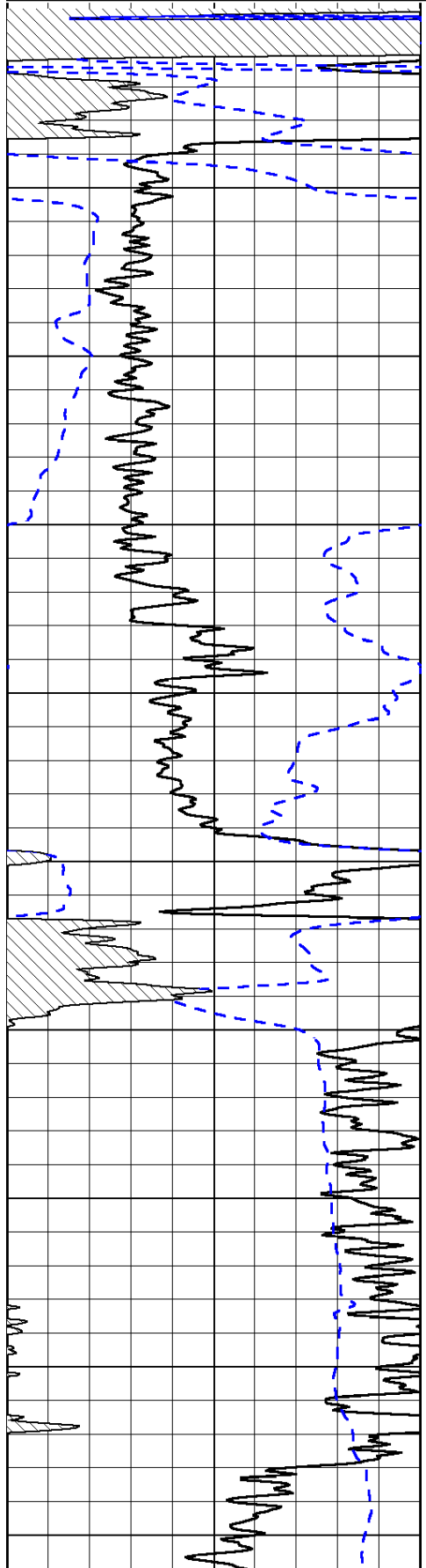
Monument KS, W to Hwy 25,
 2 N, 5 W, 1 N, E Into

Database File: c:\warrior\data\murfin_kruto no.1-29\murfinhd.db
 Dataset Pathname: dil/murfstk
 Presentation Format: dil2in
 Dataset Creation: Thu Feb 23 07:34:13 2012
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (mV)	0

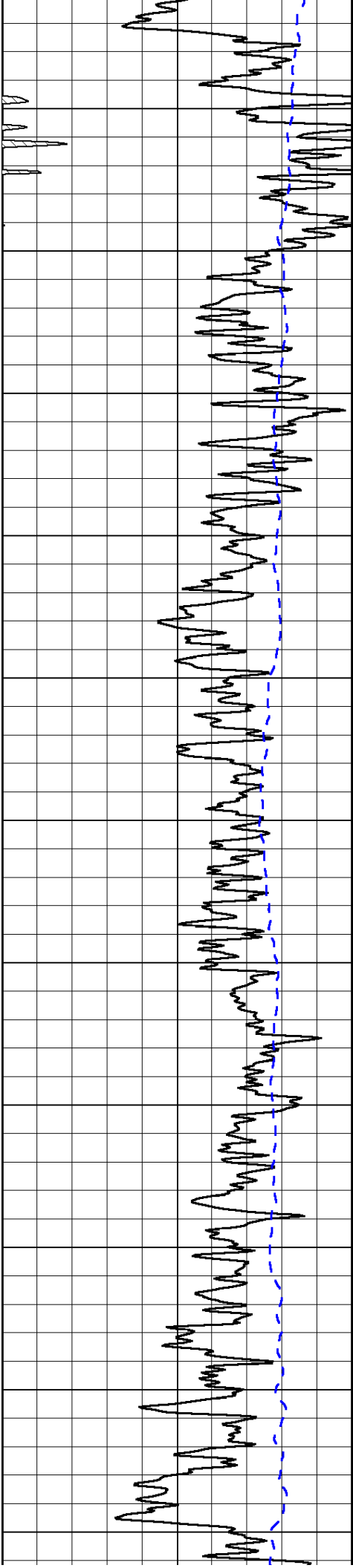
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

LSPD



0
50
100
150
200
250
300
350
400
450

-32
-92
-92
-88
-88
-37
-62
-75
-76
-75



500

550

600

650

700

750

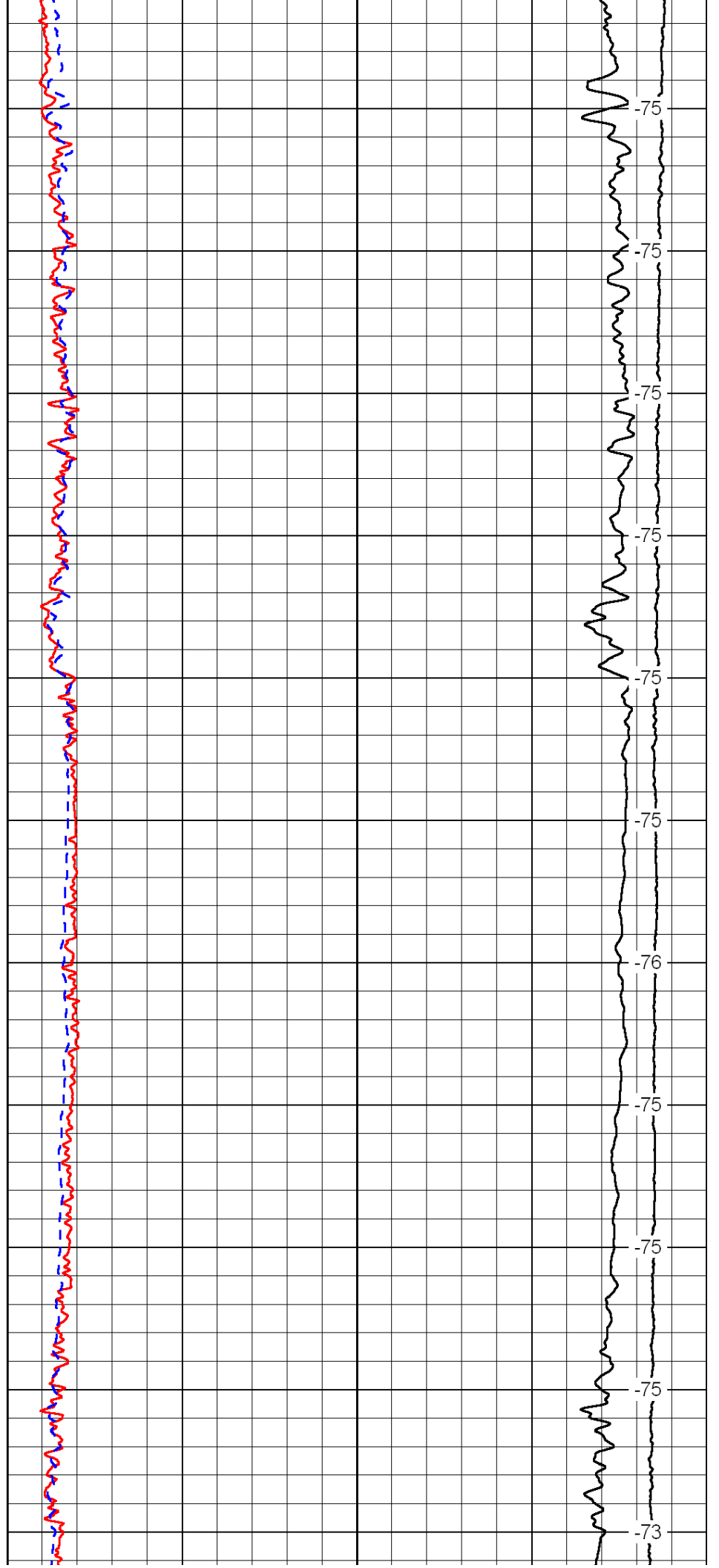
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850

900

950

1000



-75

-75

-75

-75

-75

-75

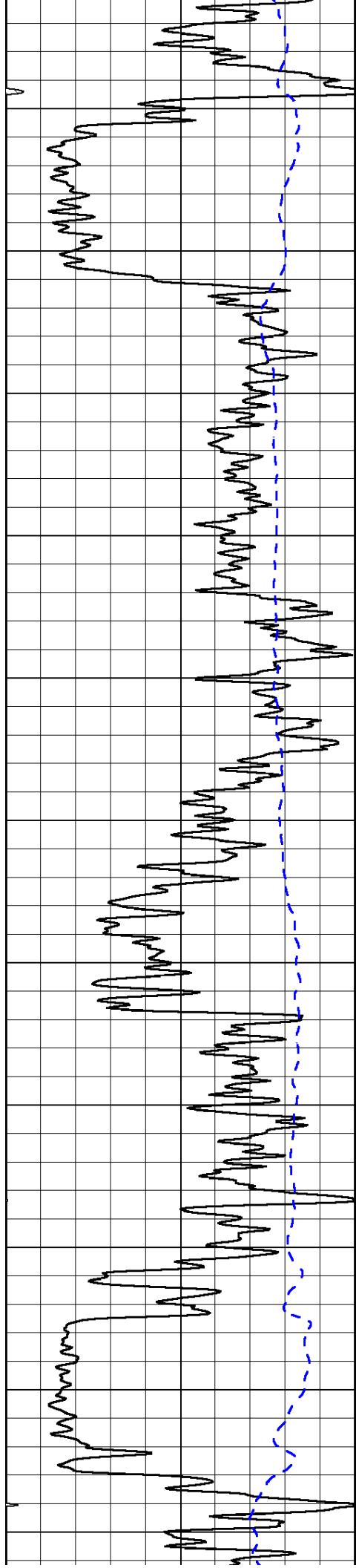
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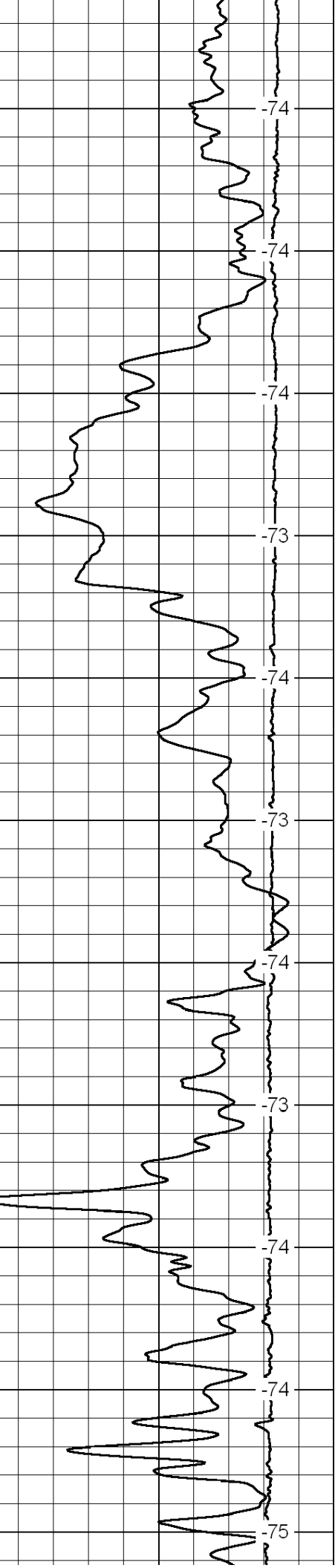
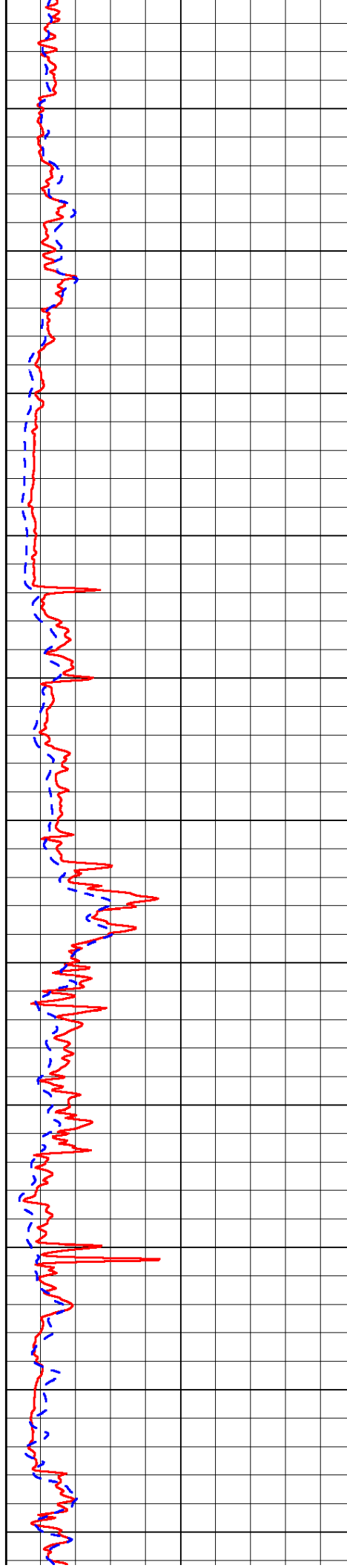
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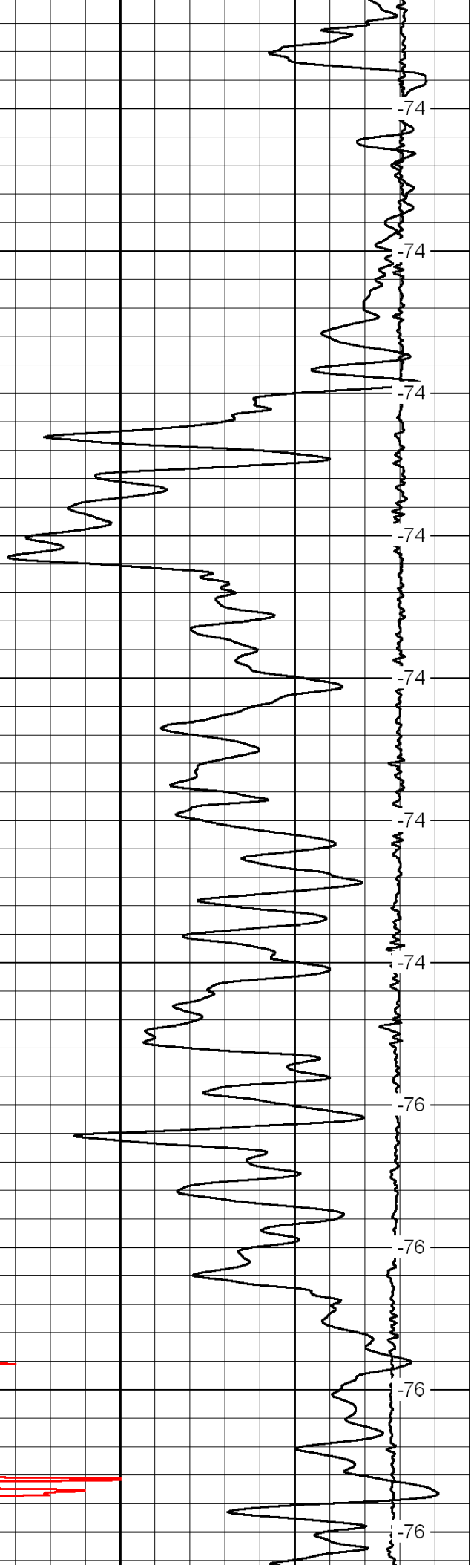
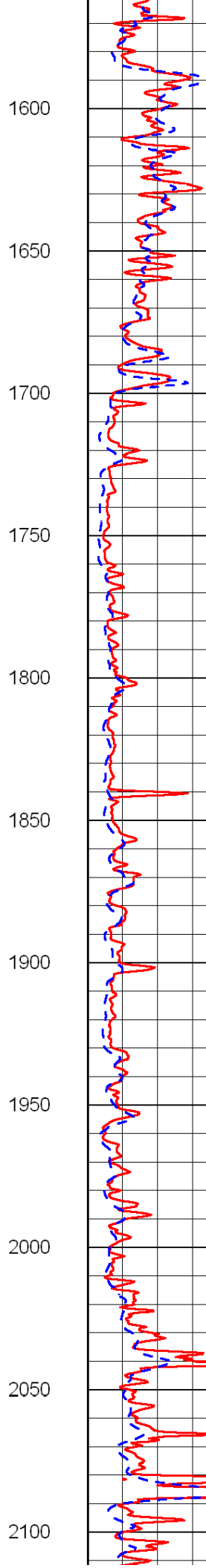
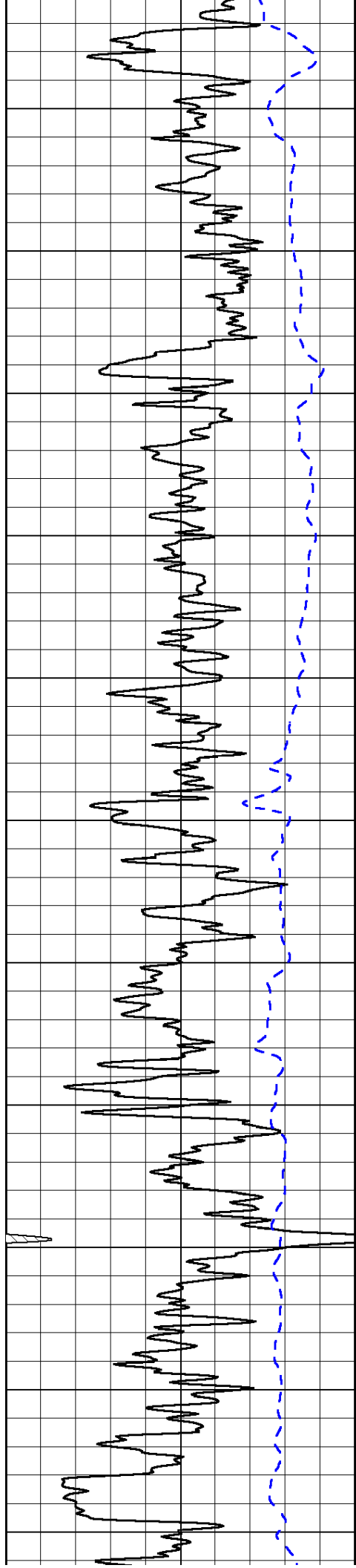
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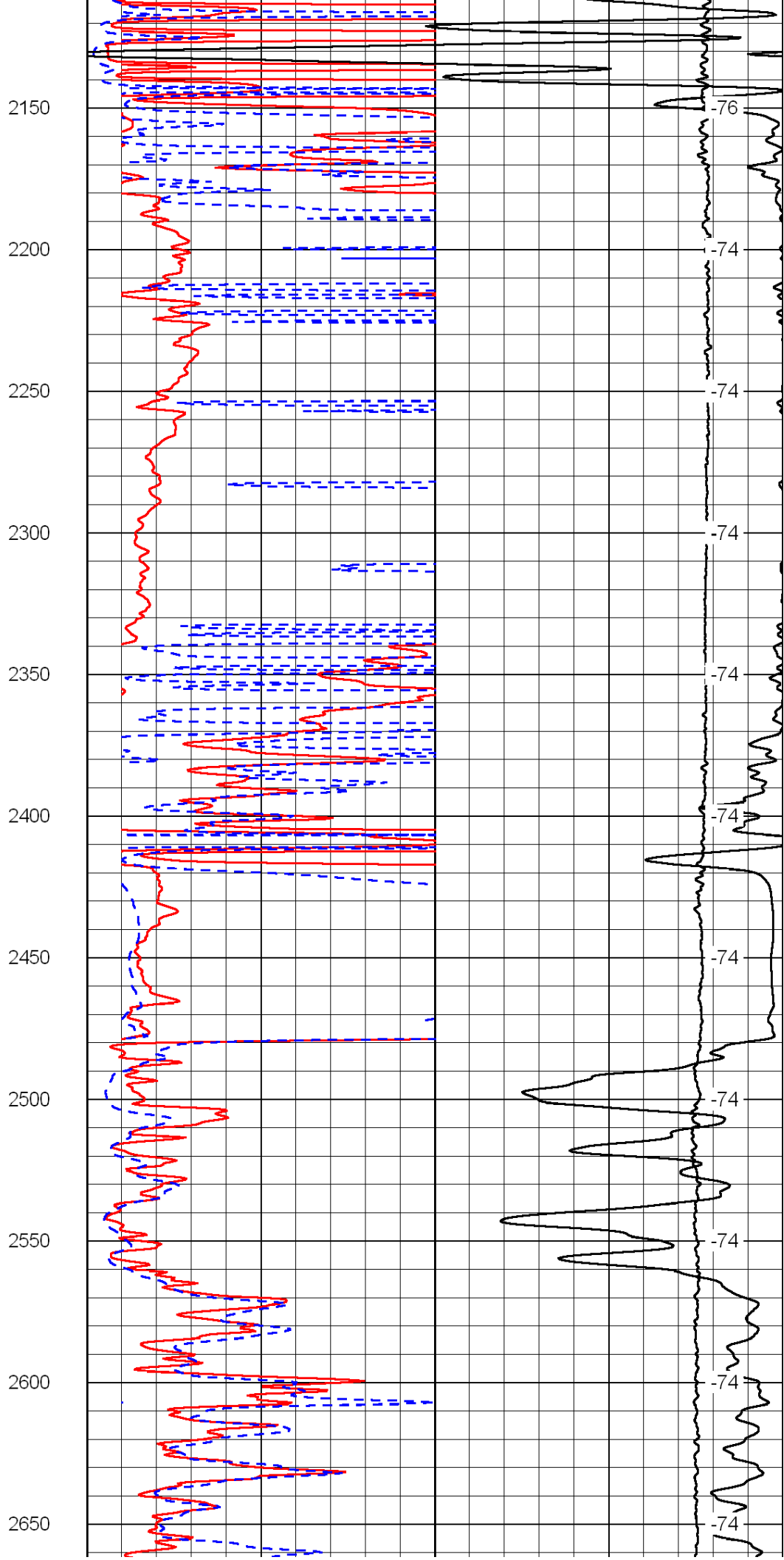
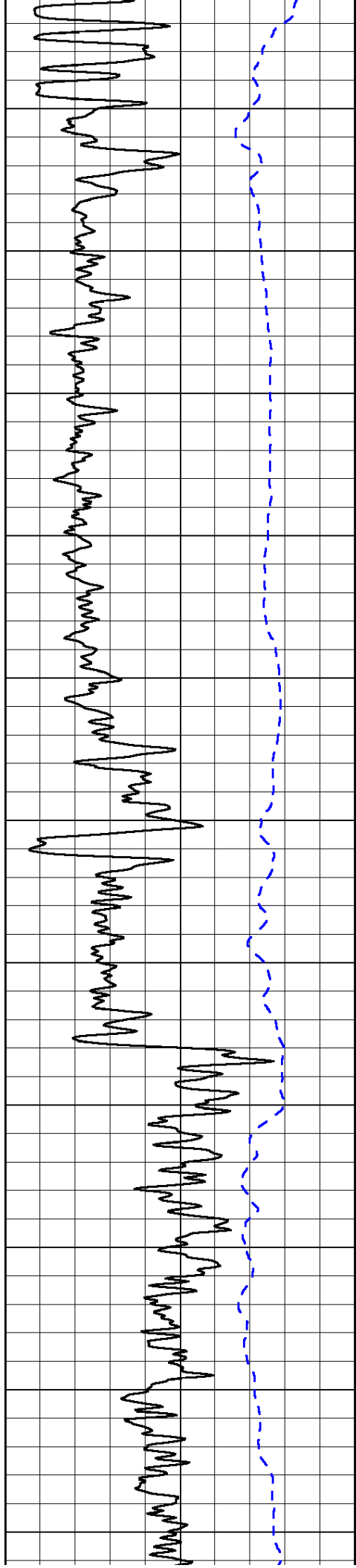


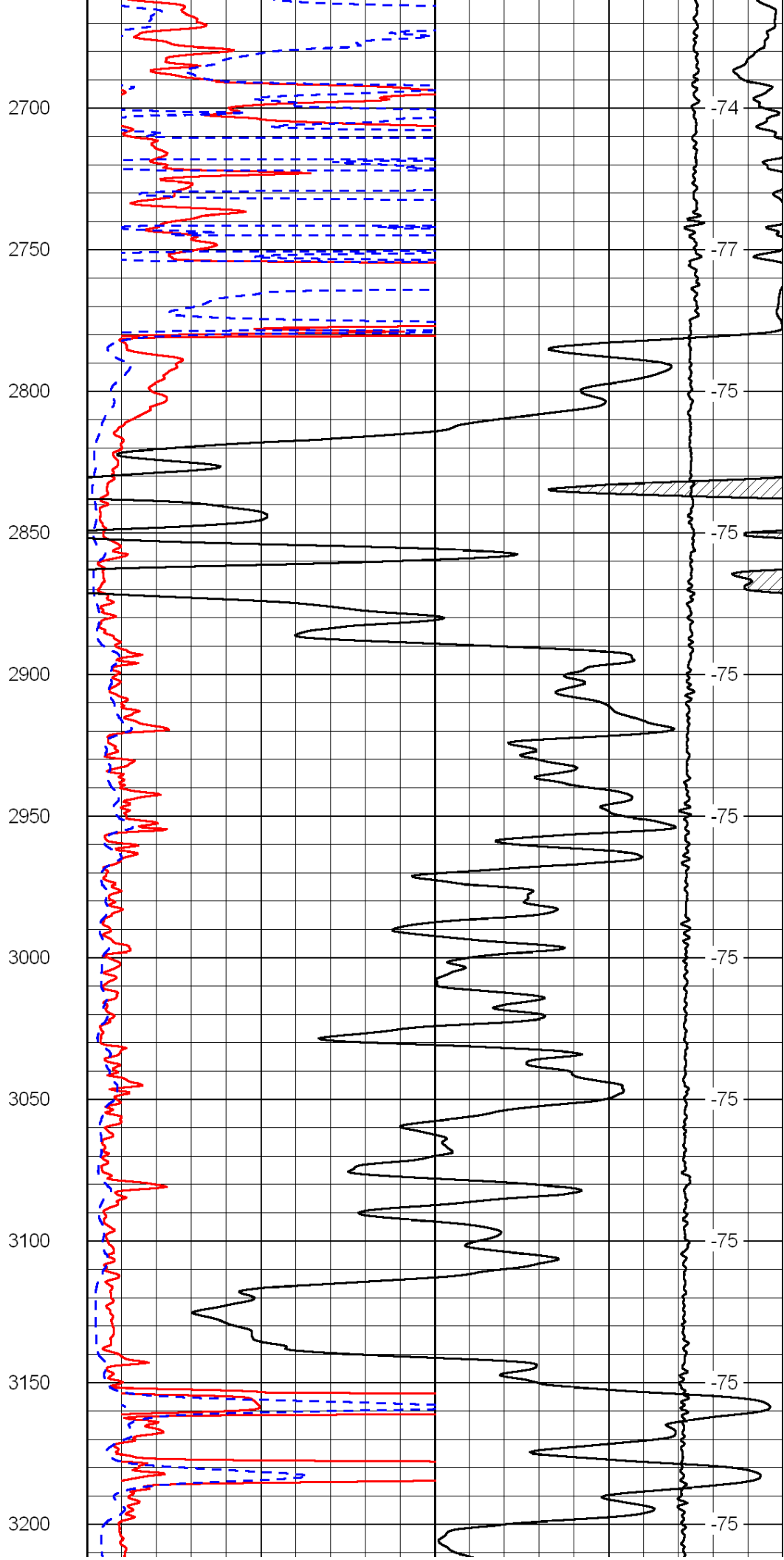
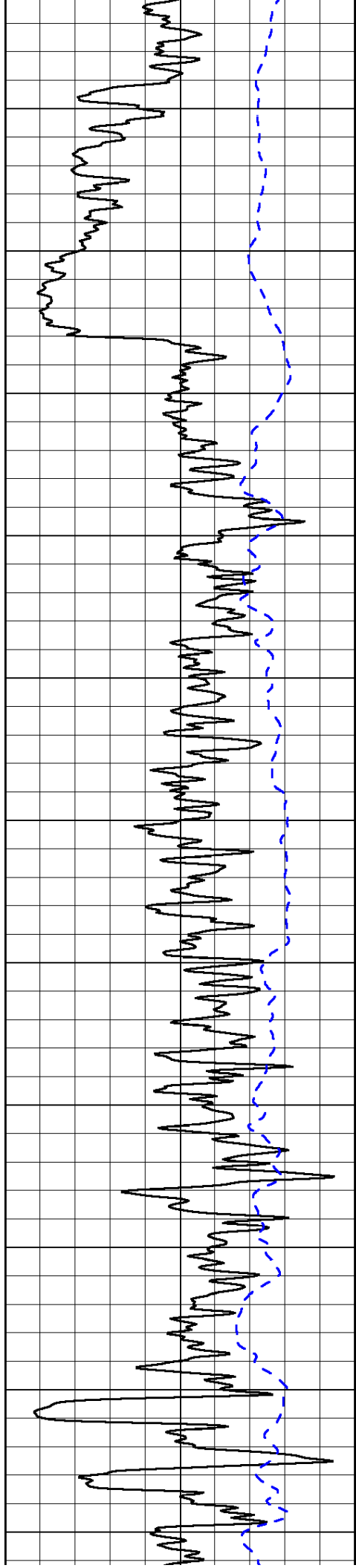
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1100
1150
1200
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1500
1550

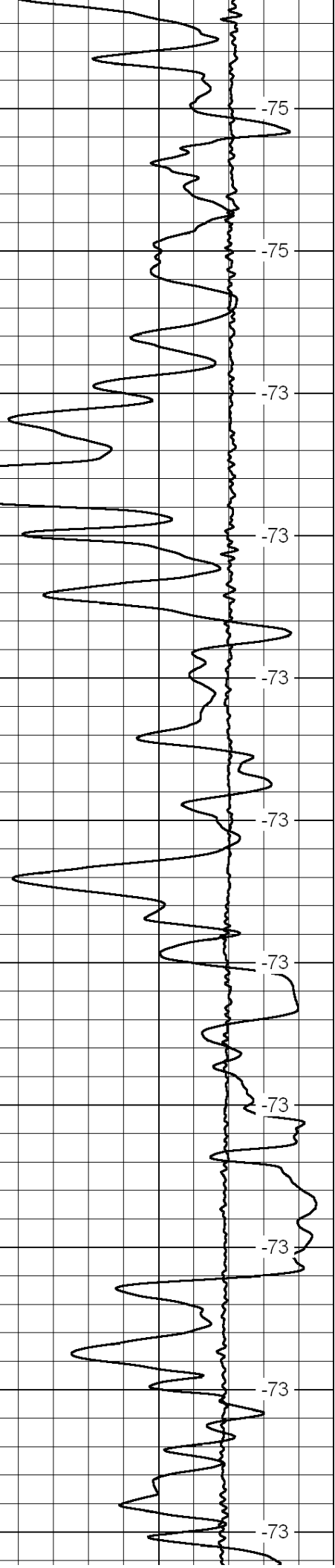
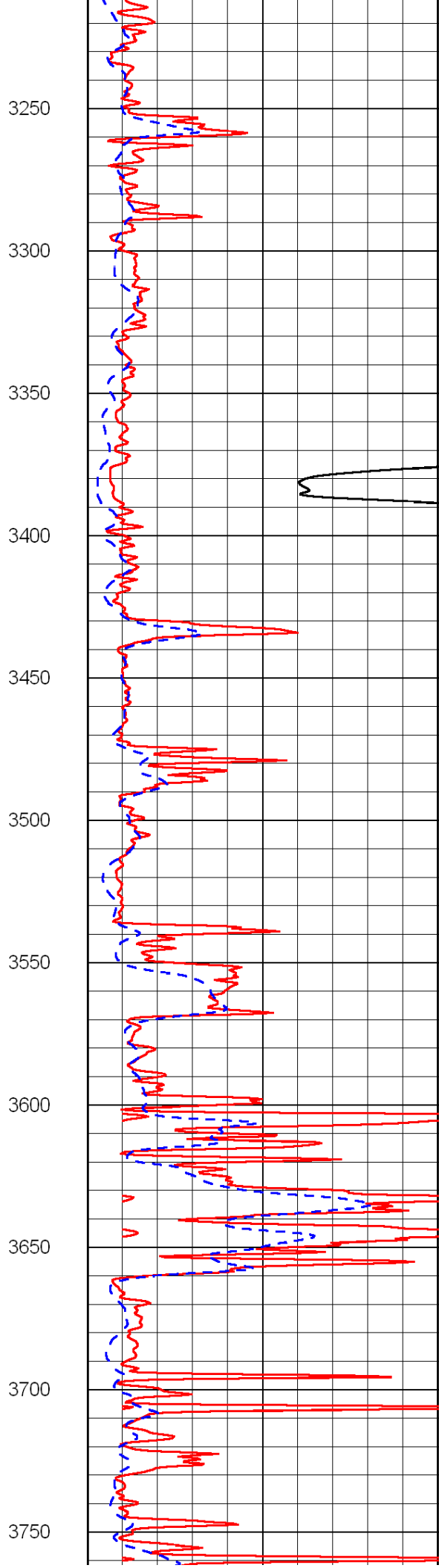
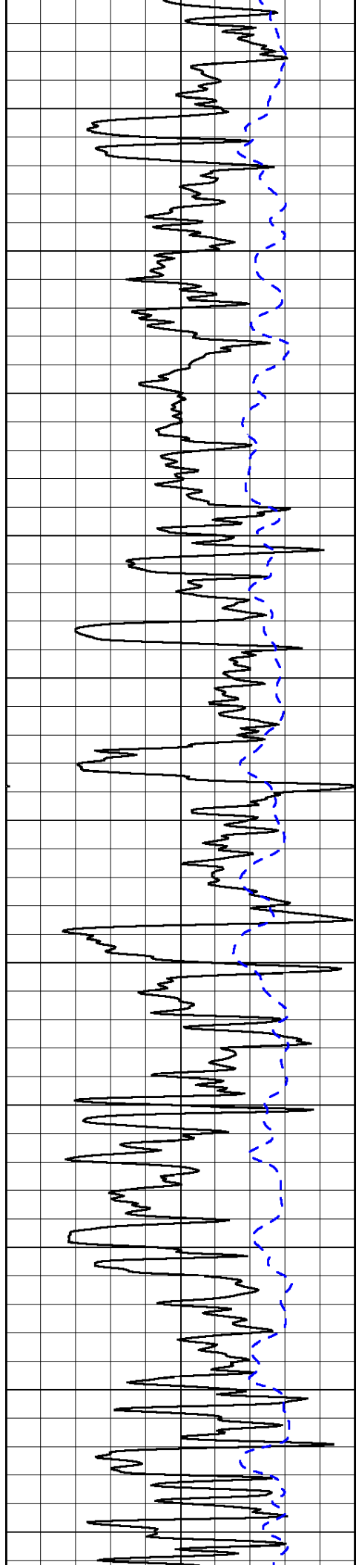


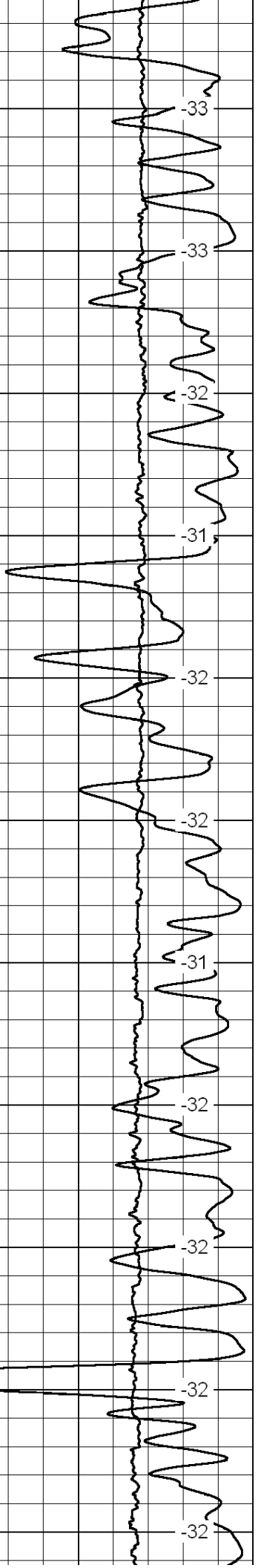
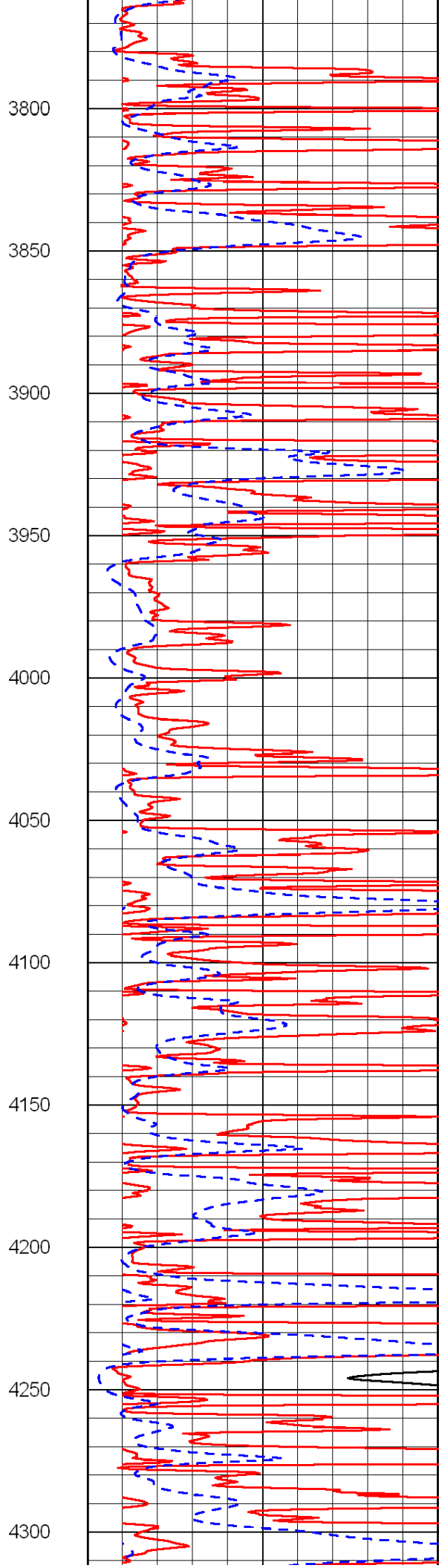
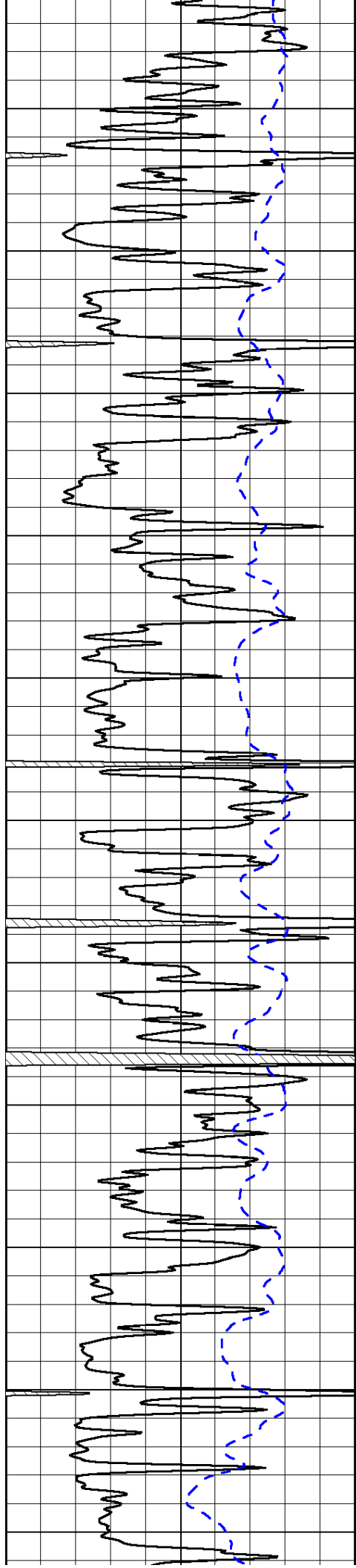
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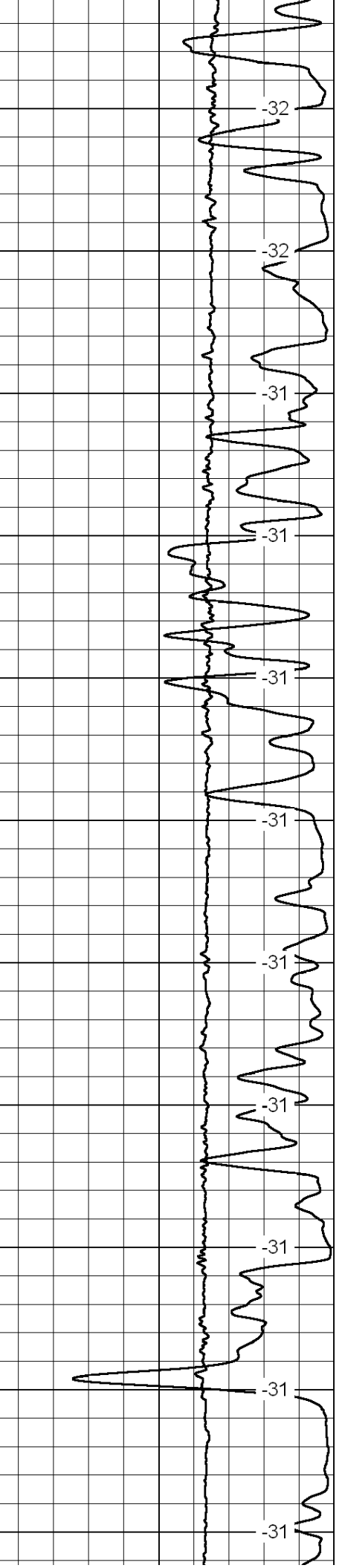
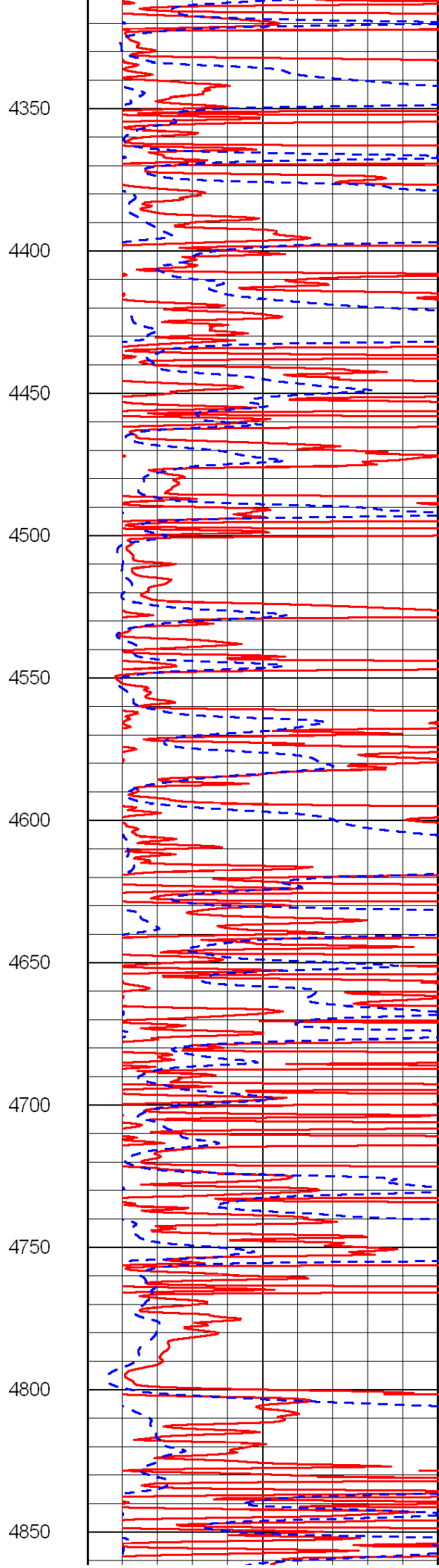
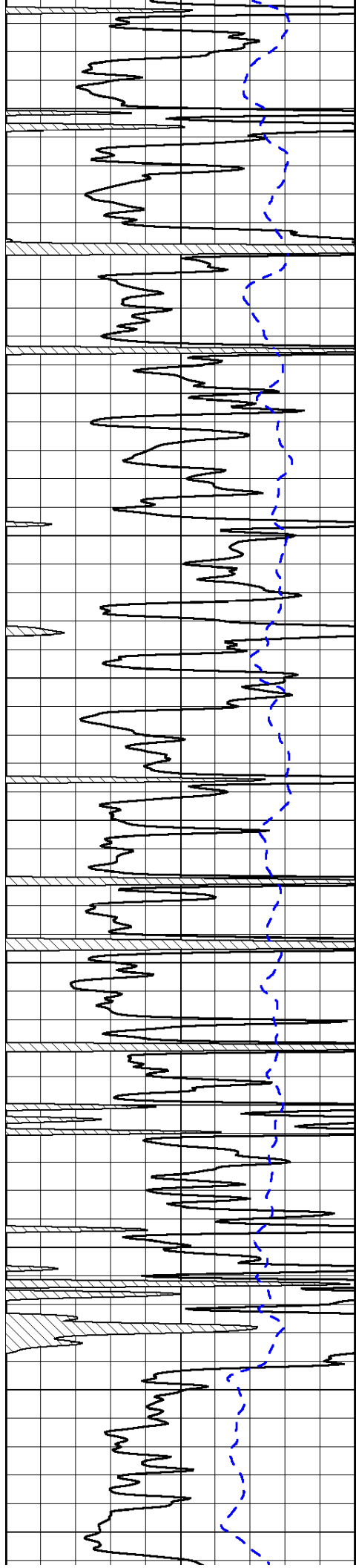


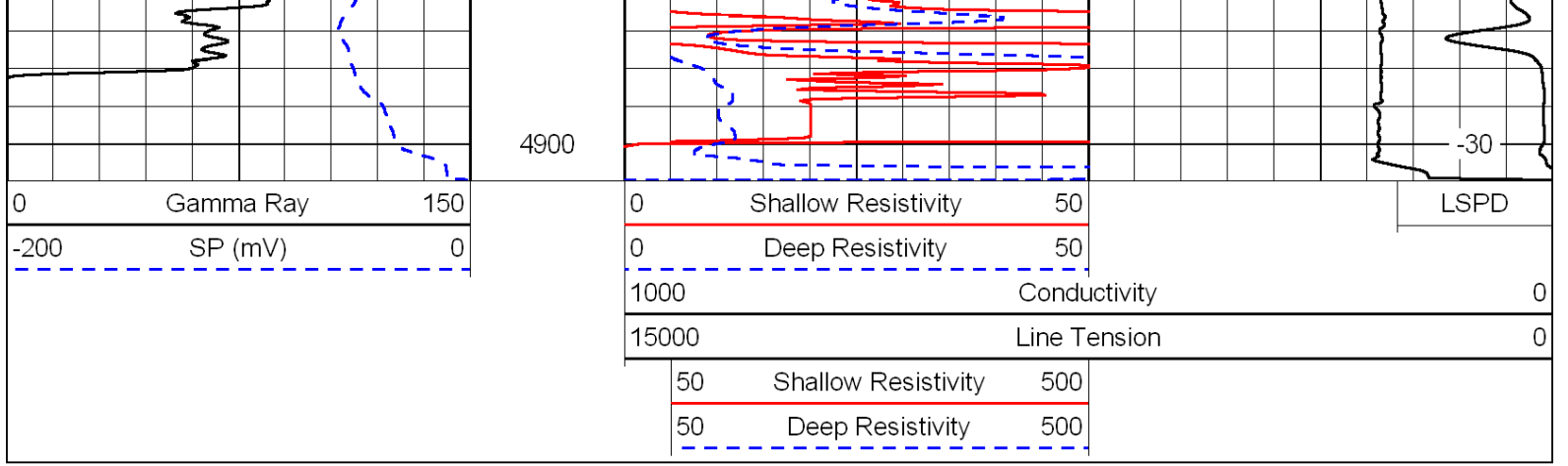




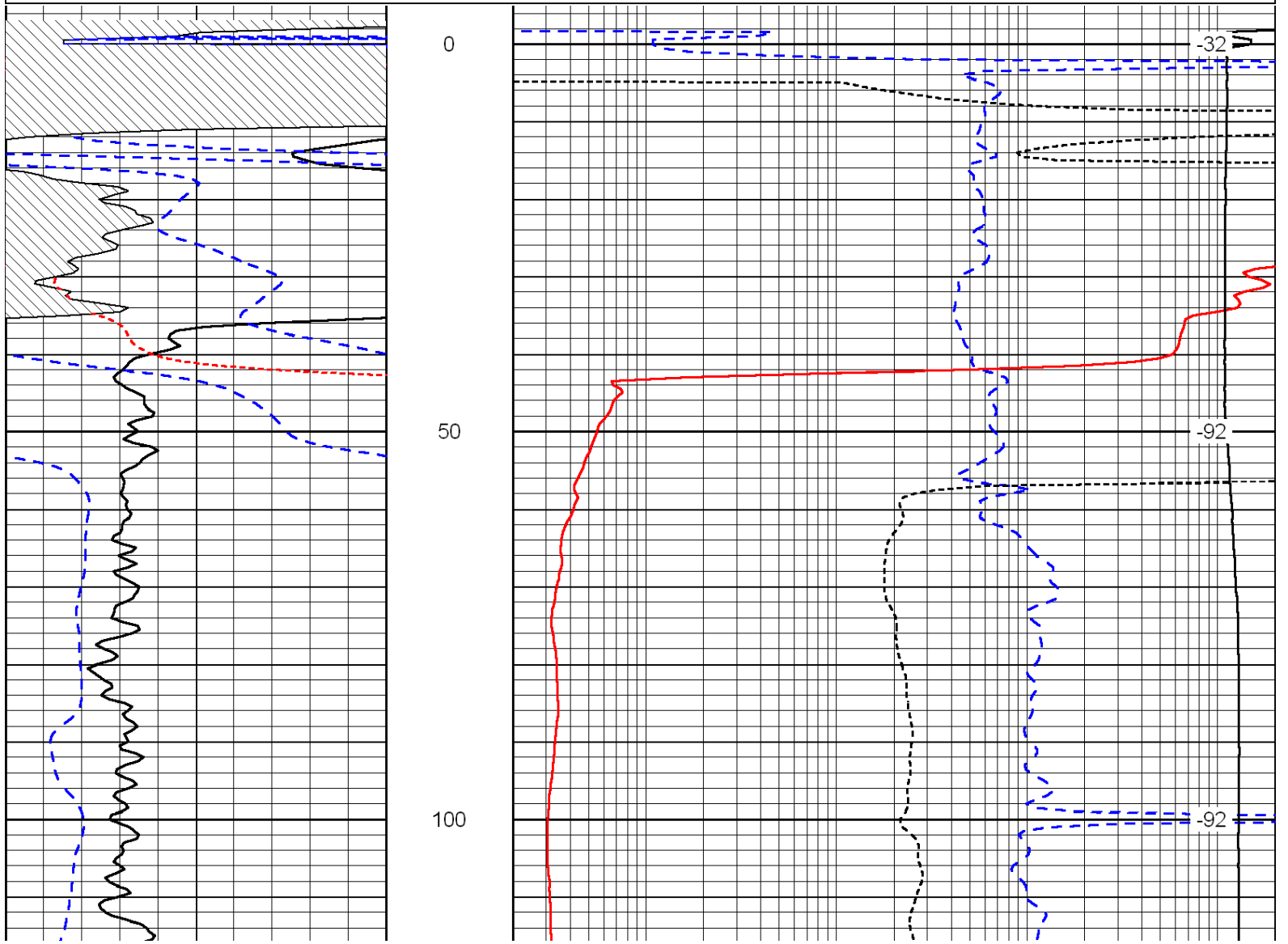
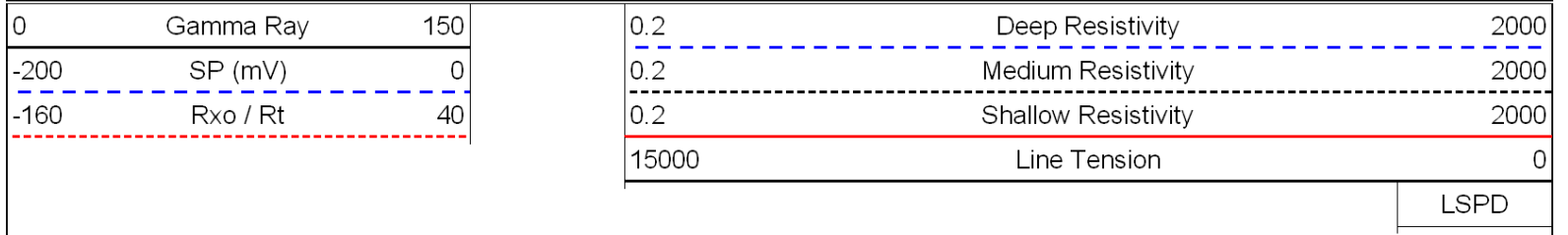


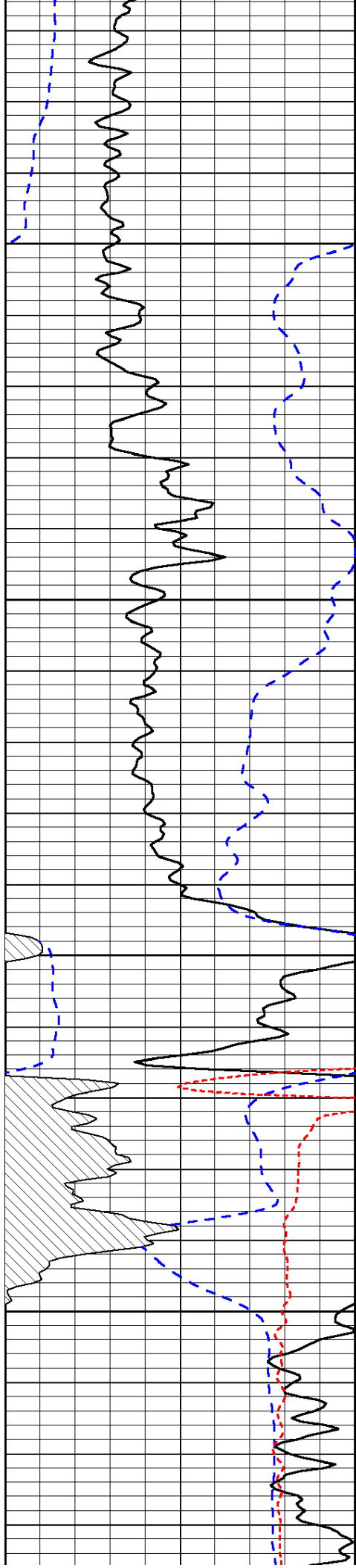






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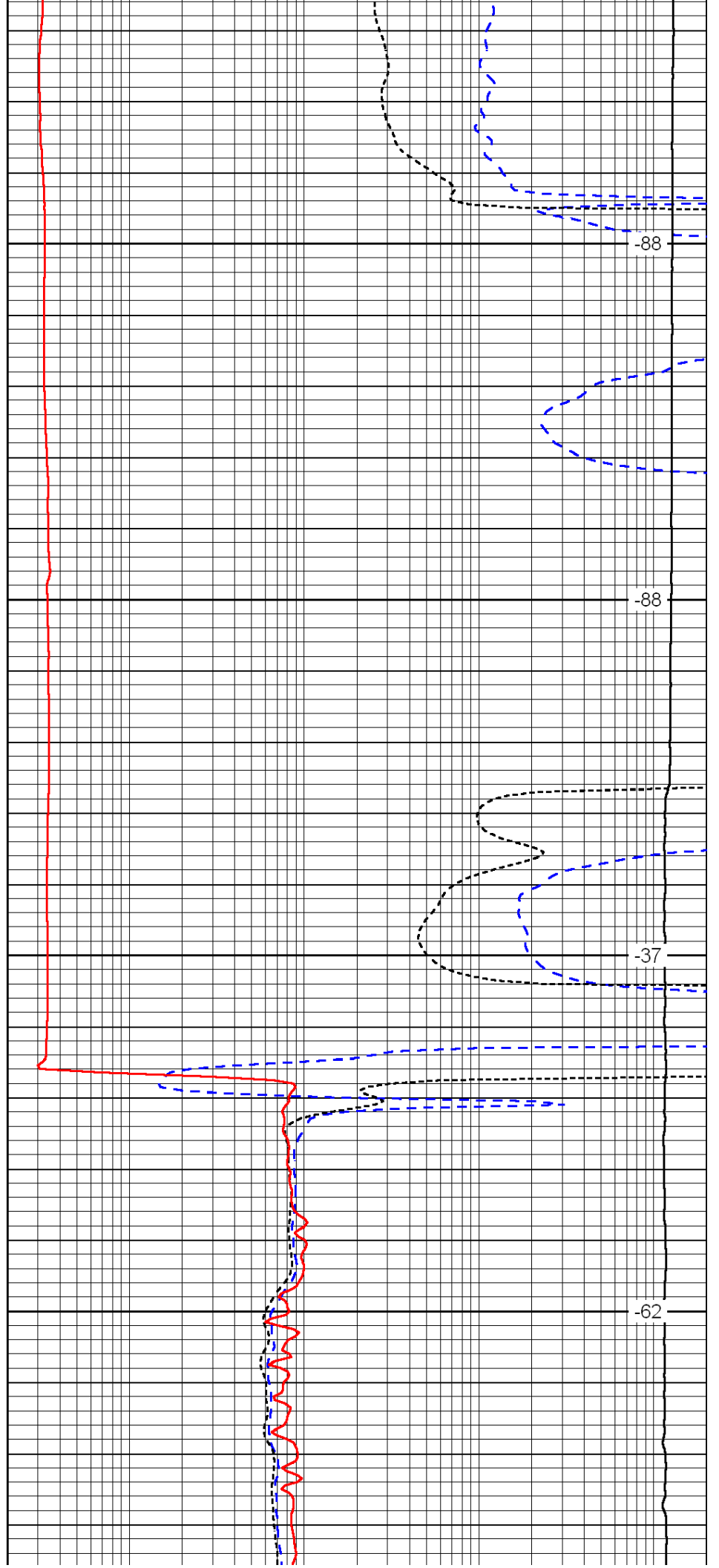


150

200

250

300

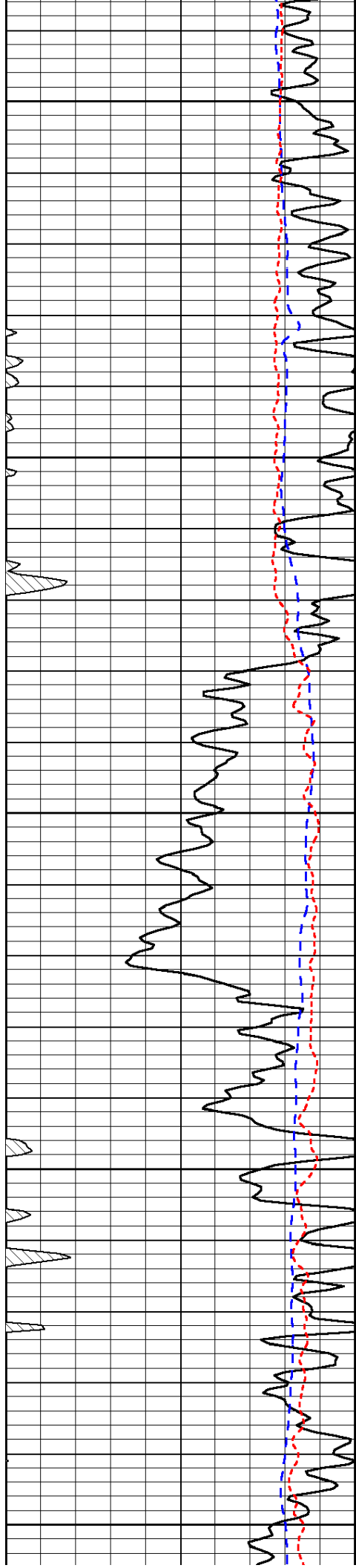


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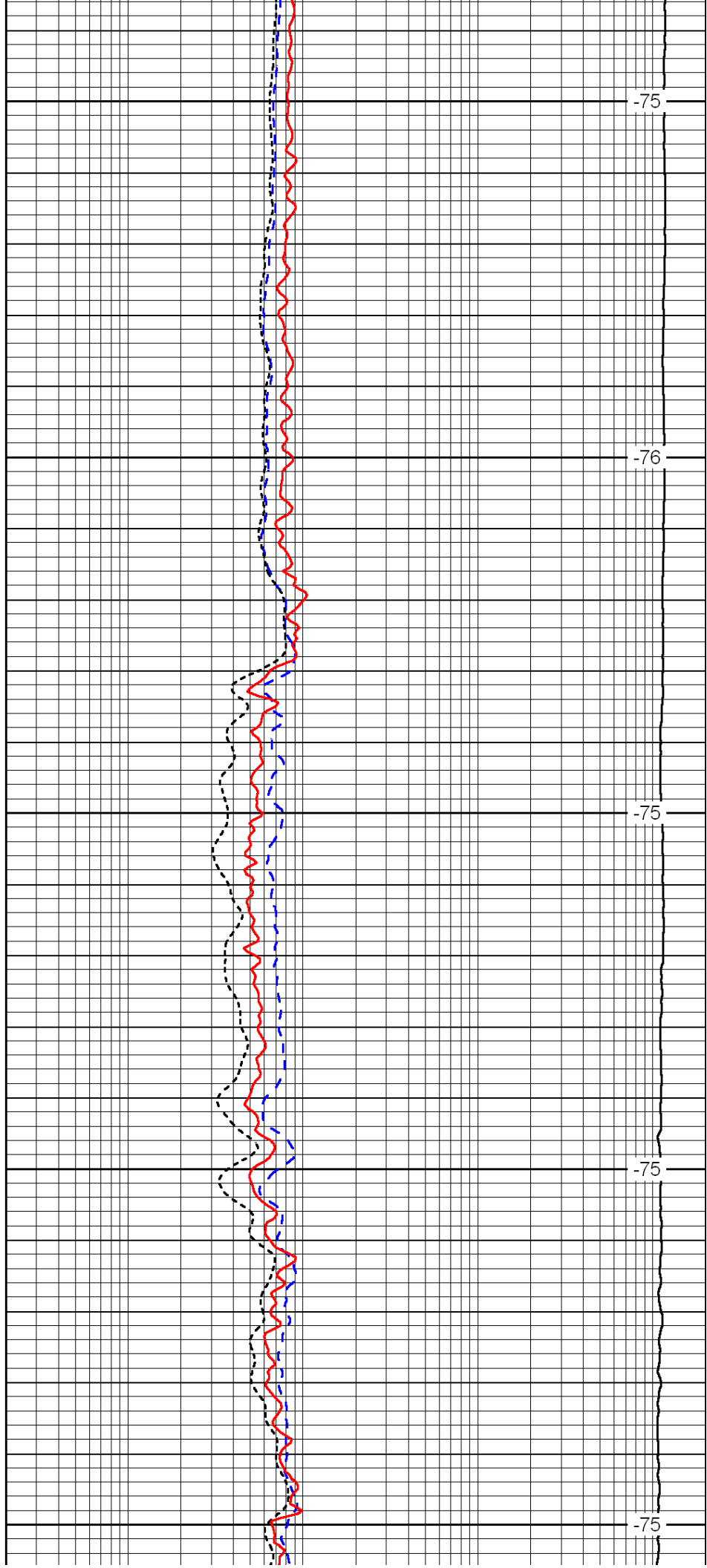
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400

450

500

550



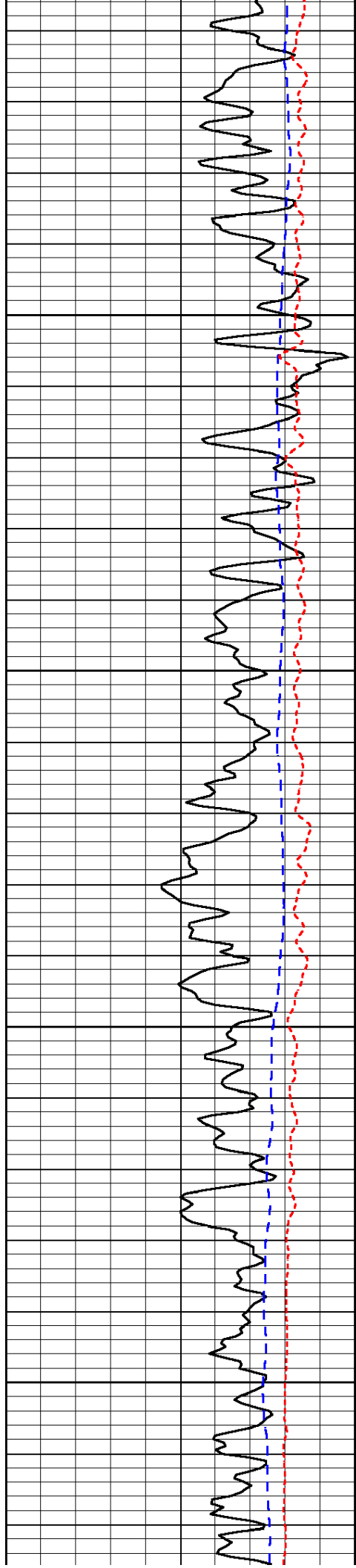
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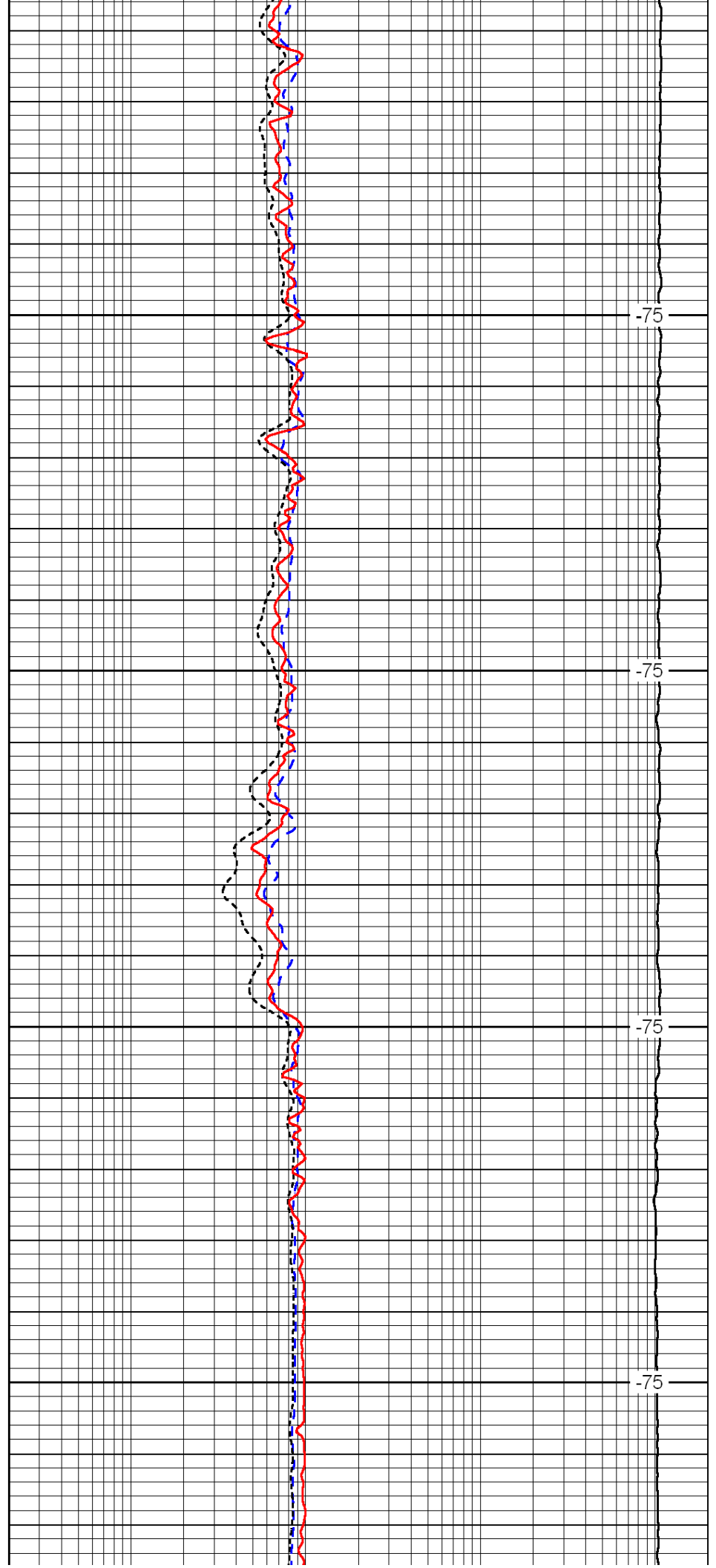


600

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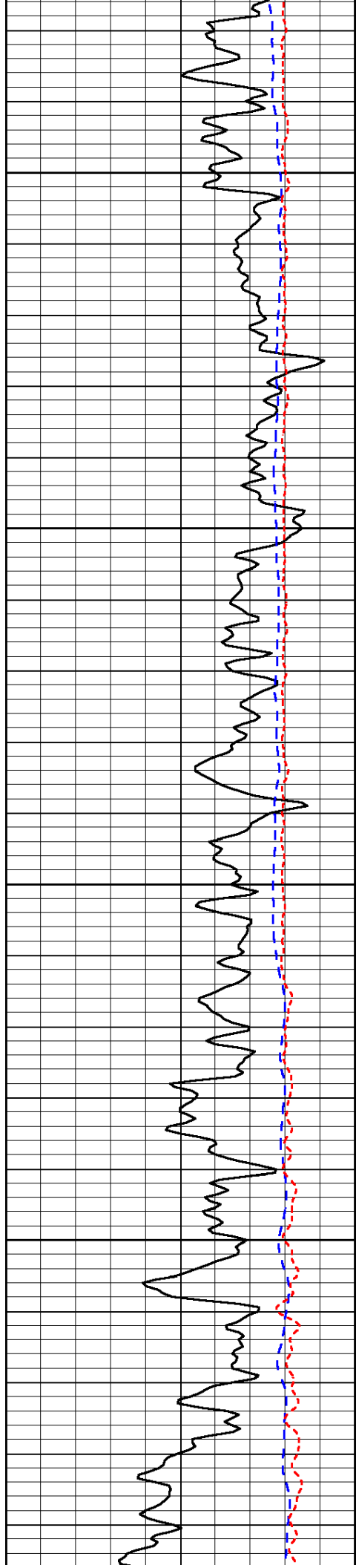


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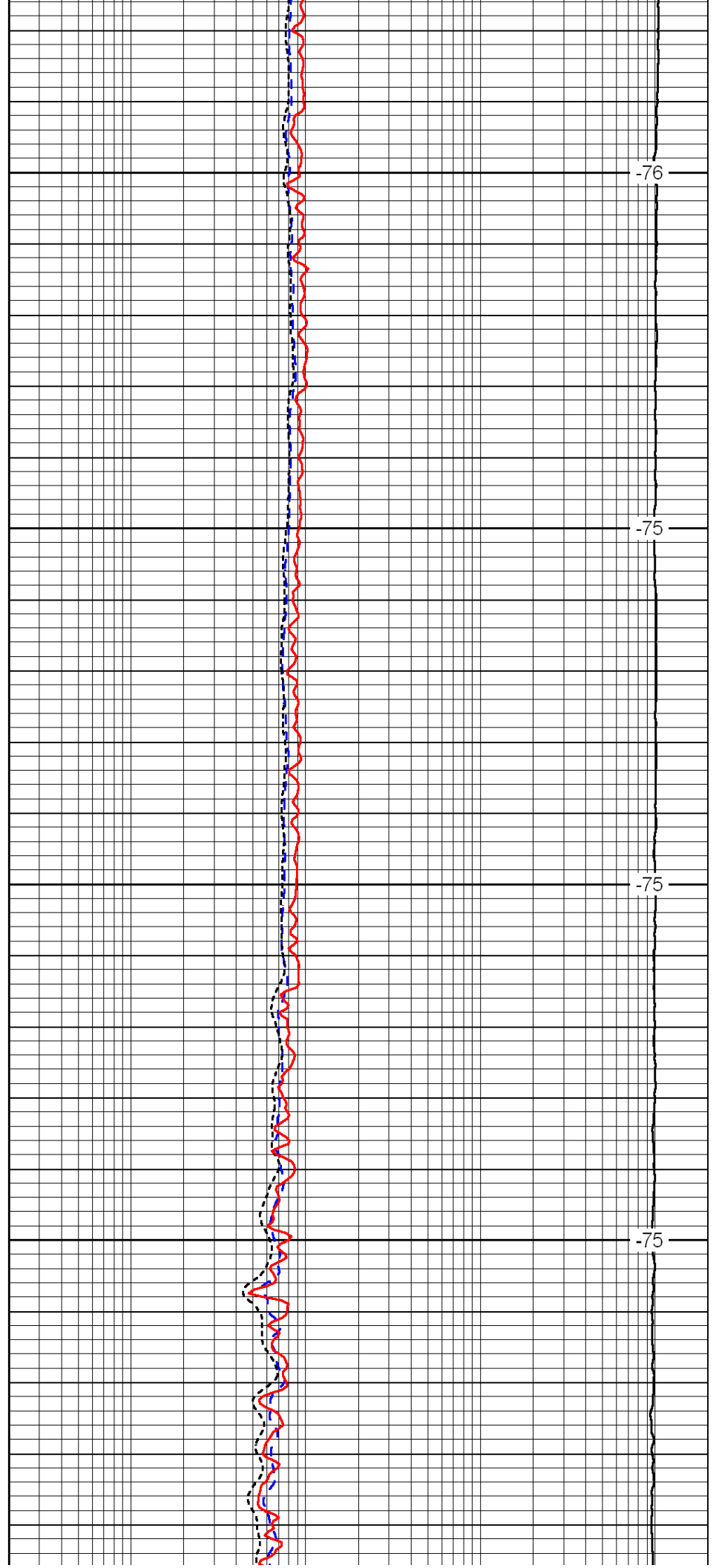


800

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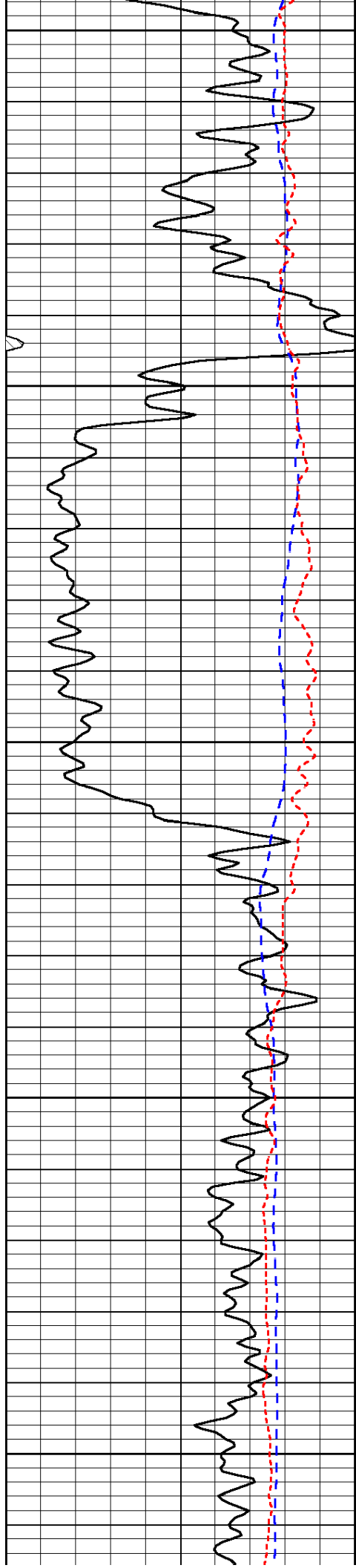


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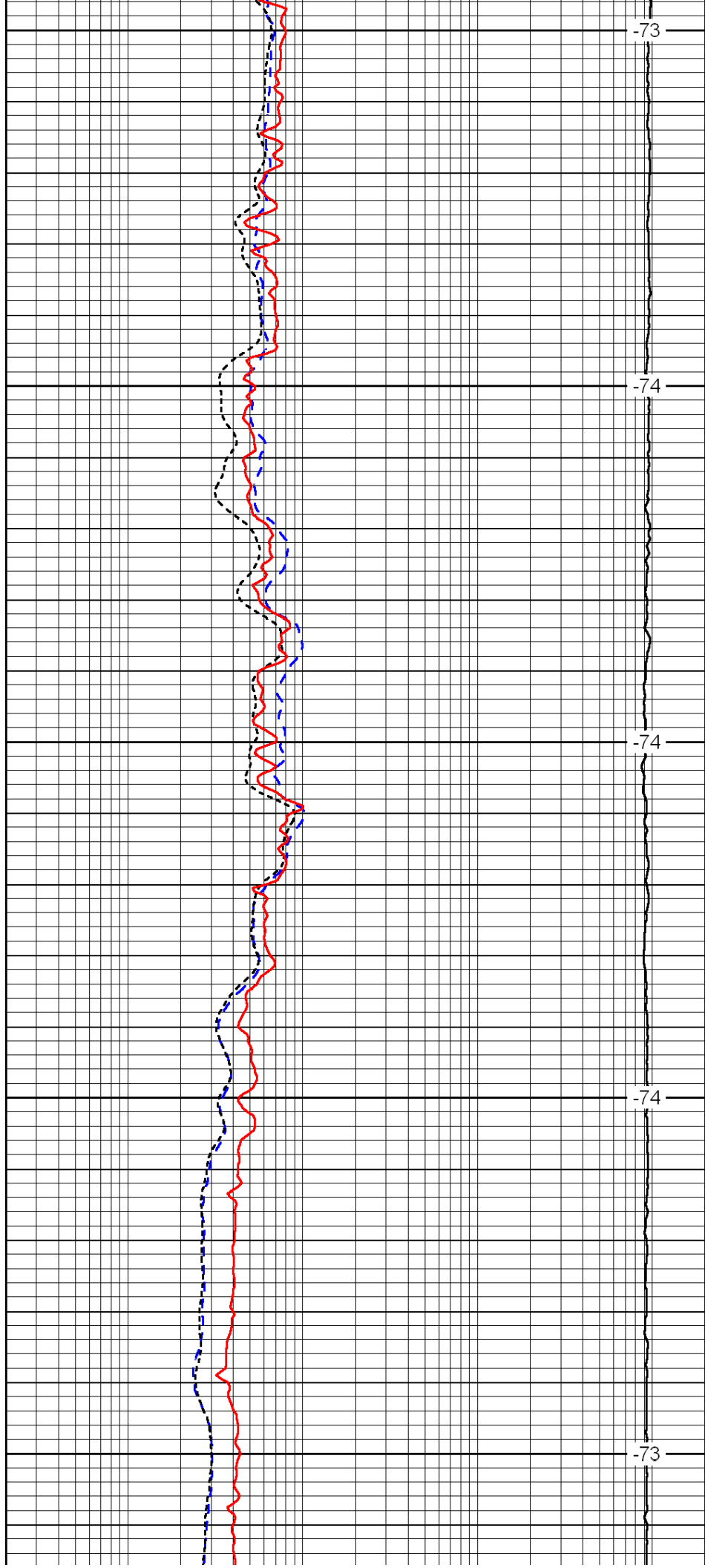
1000

1050

1100

1150

1200



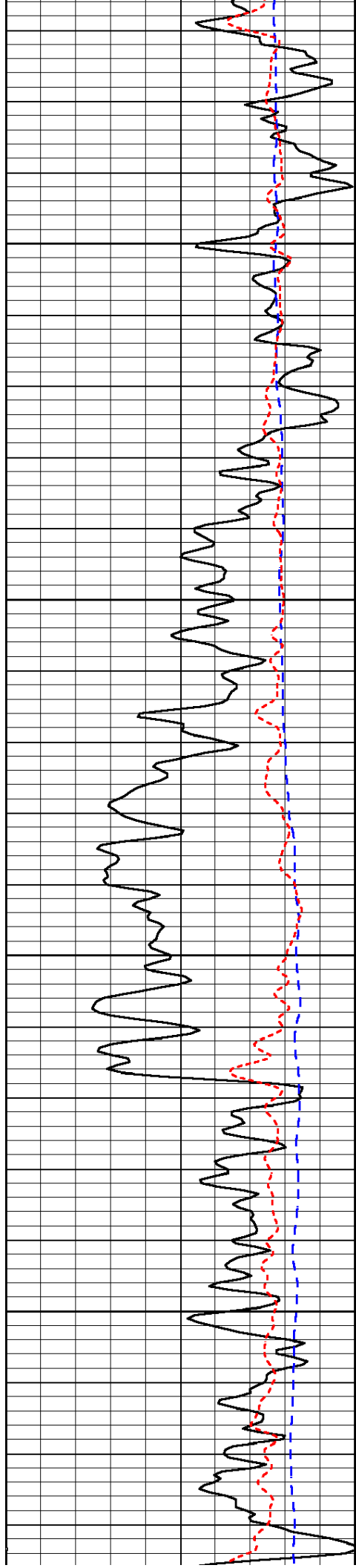
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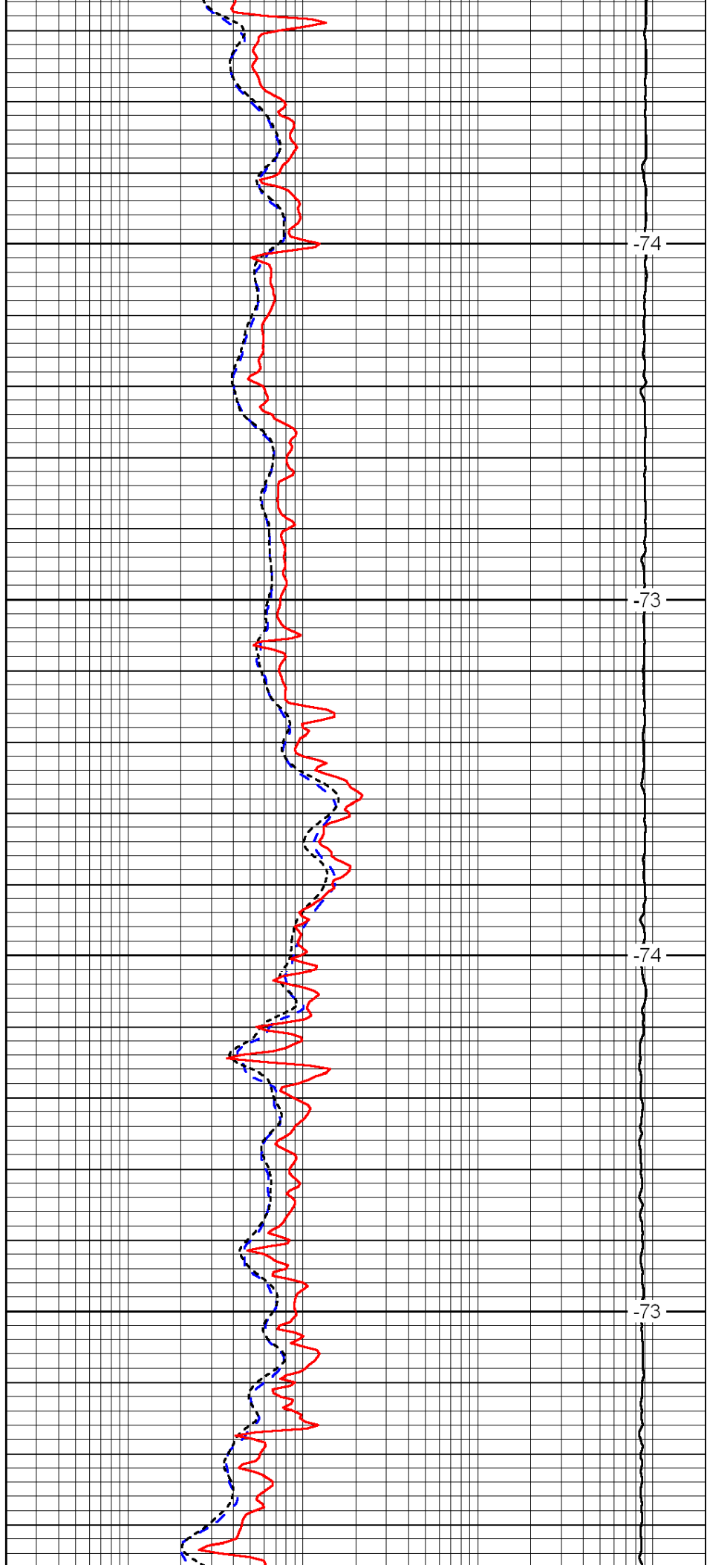


1250

1300

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1400

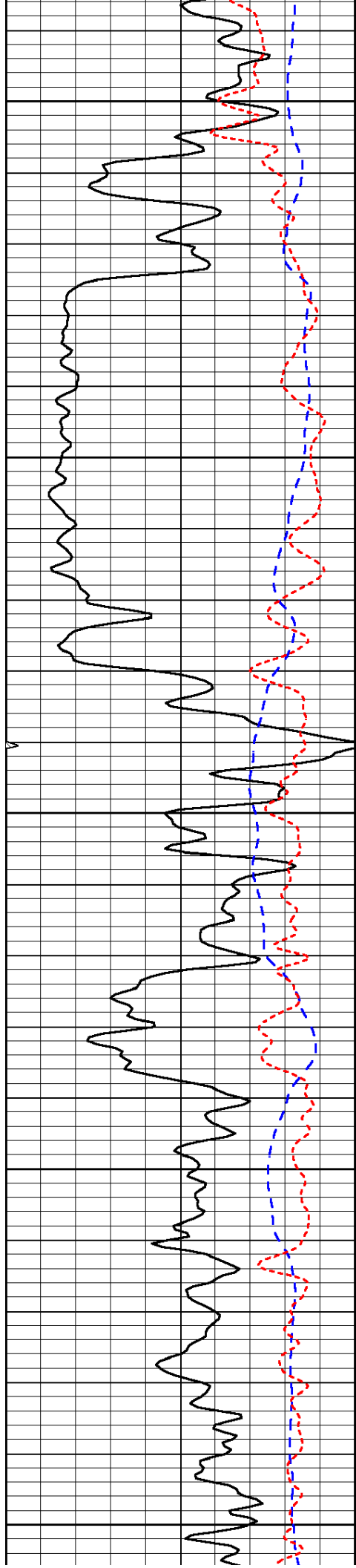


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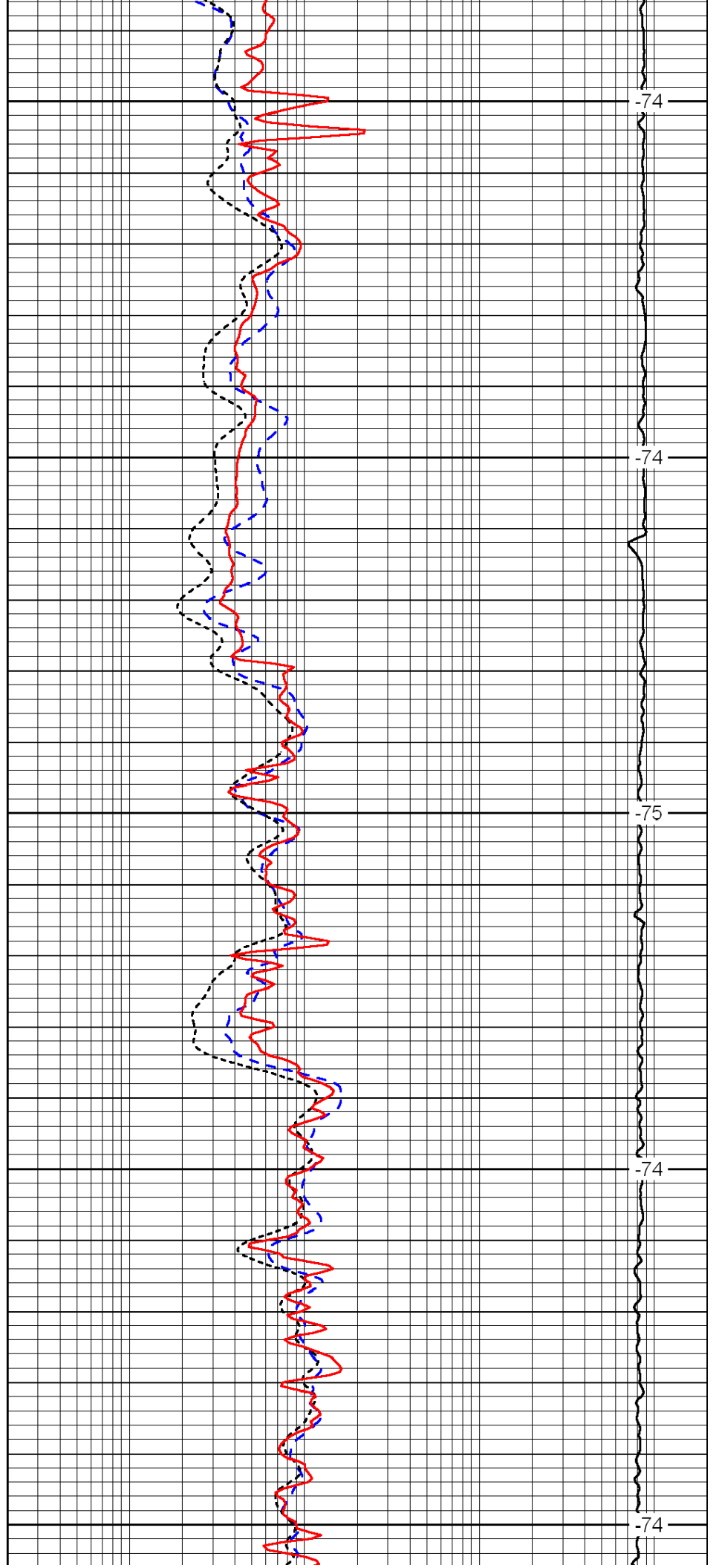
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1500

1550

1600

1650



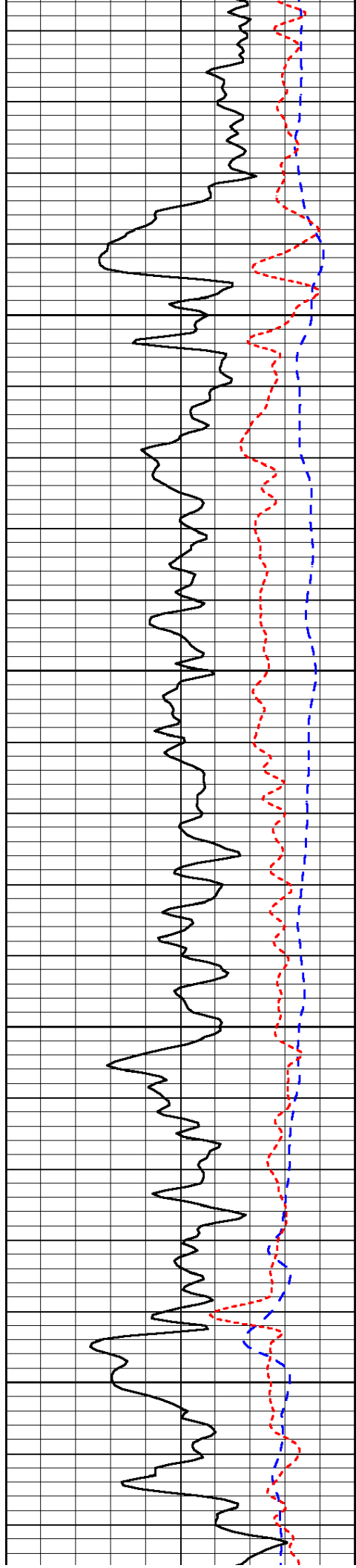
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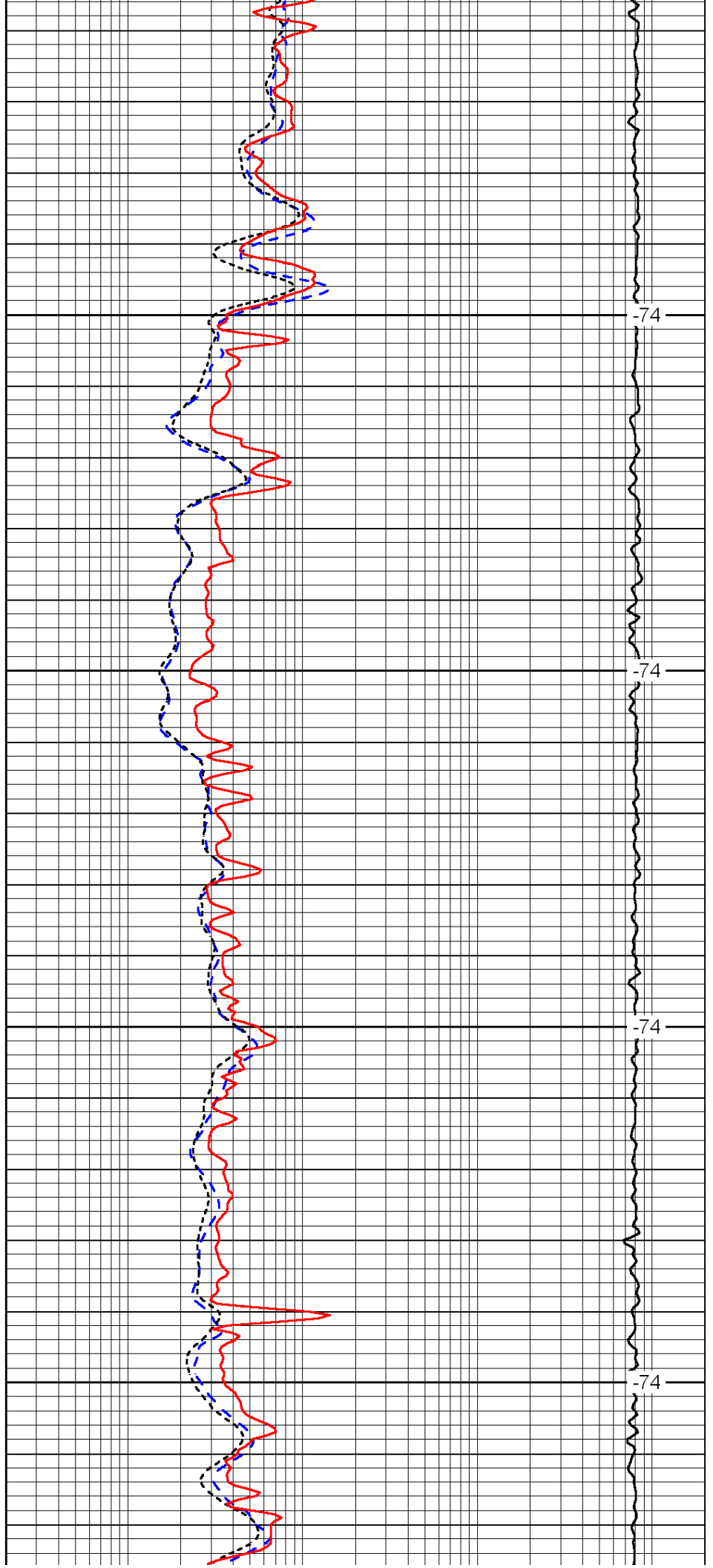


1700

1750

1800

1850

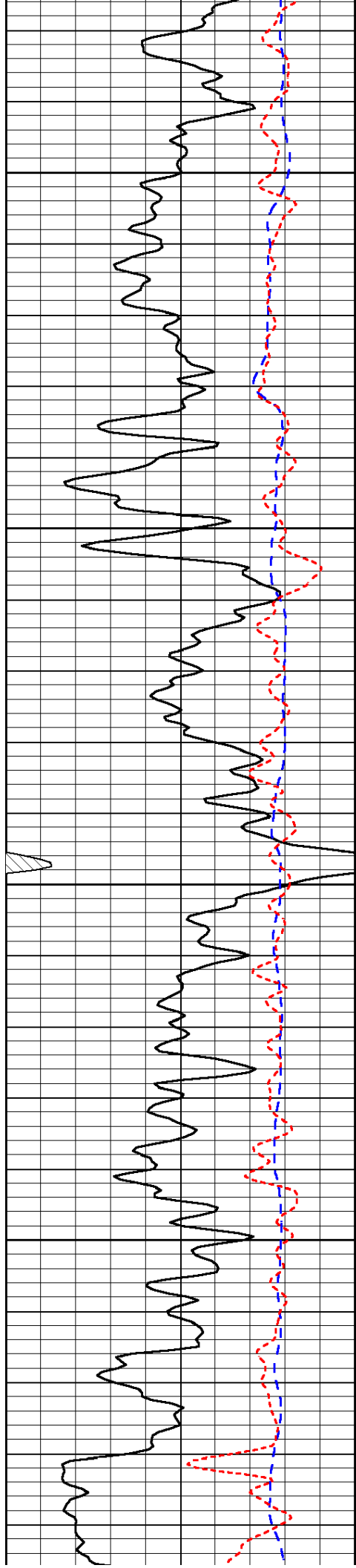


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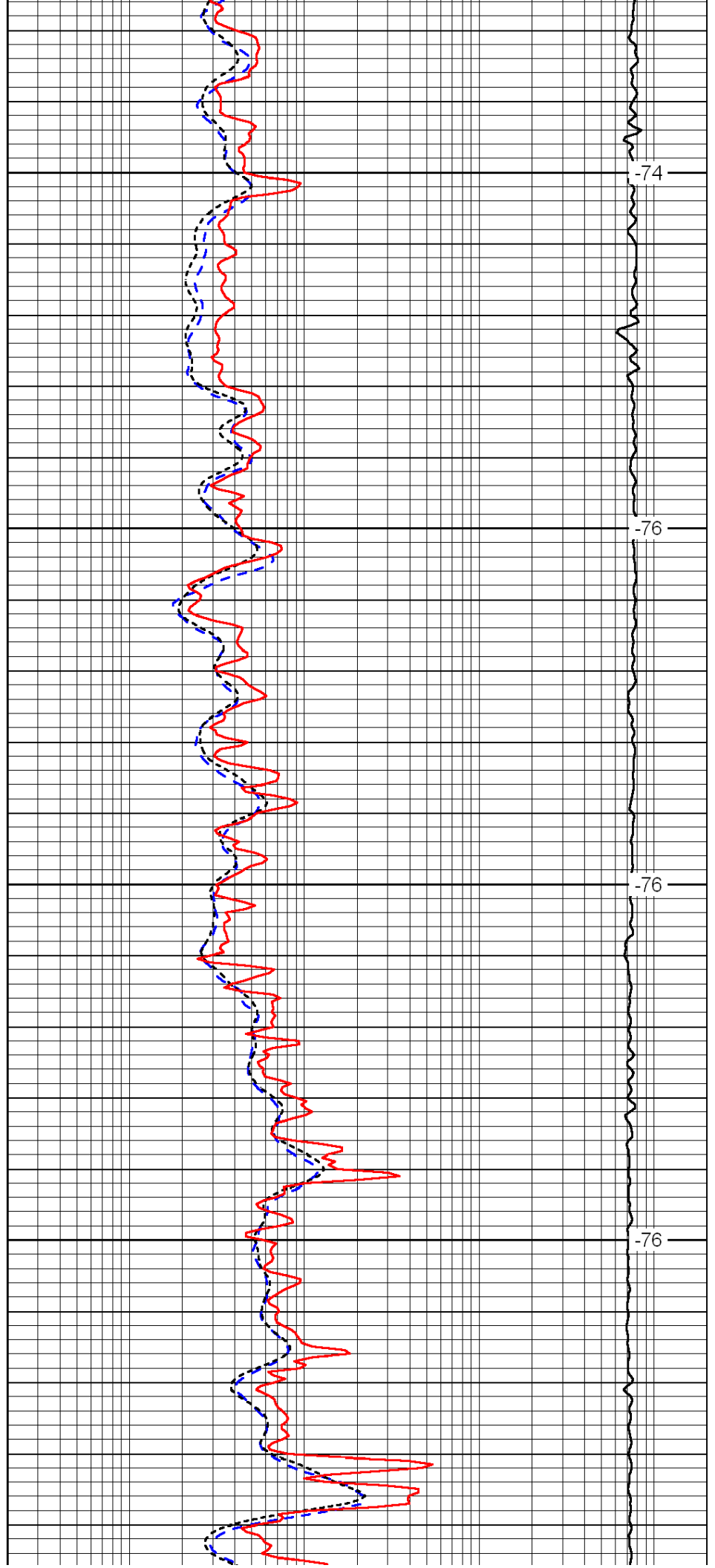


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1950

2000

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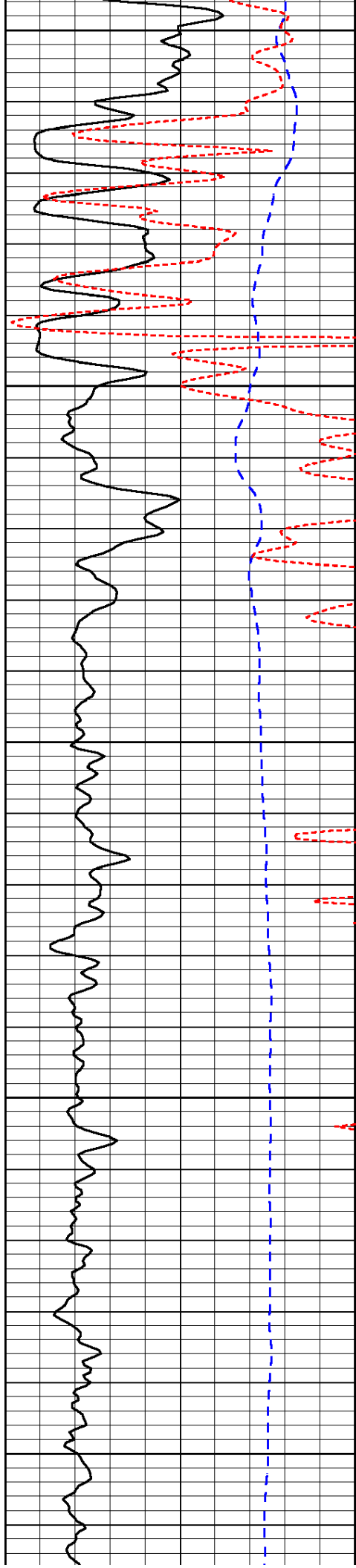


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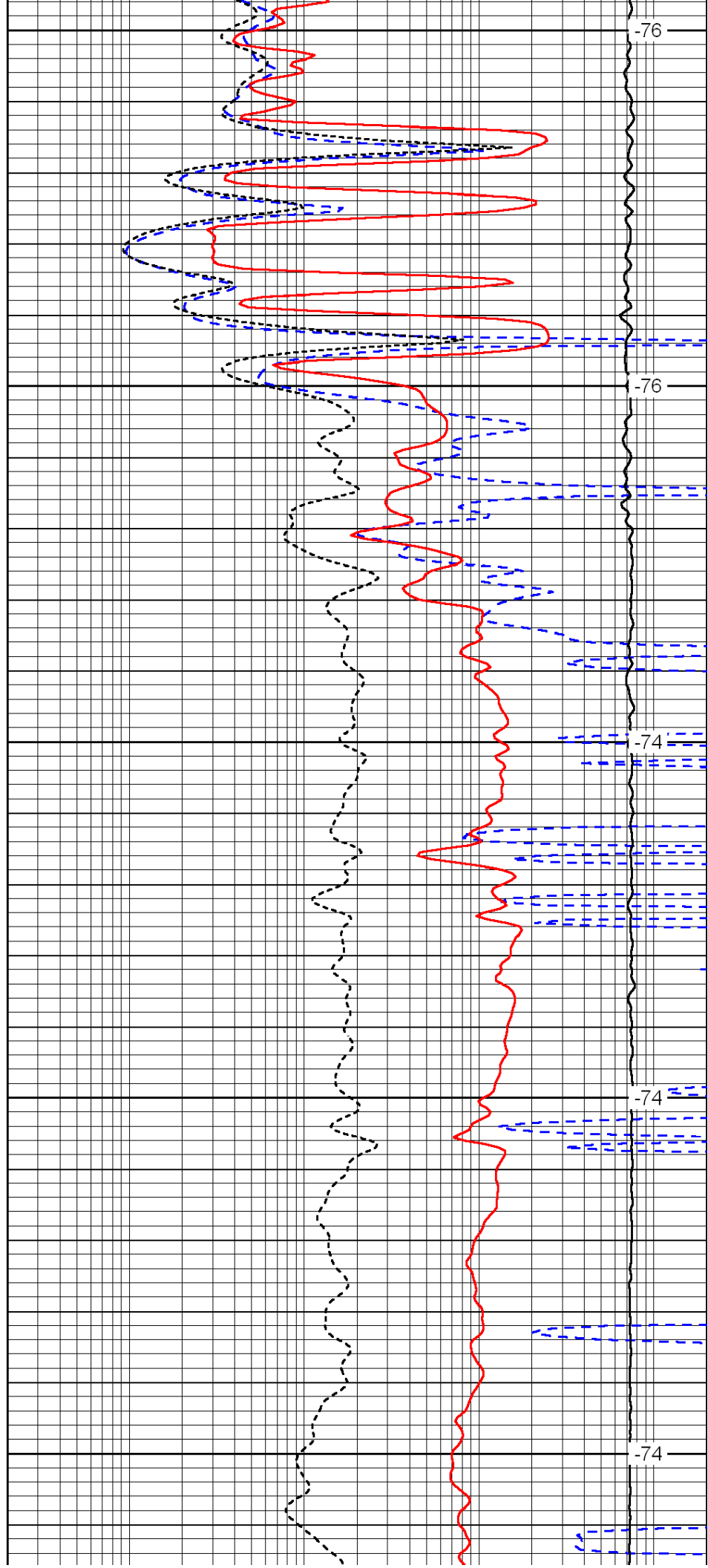
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2150

2200

2250

2300



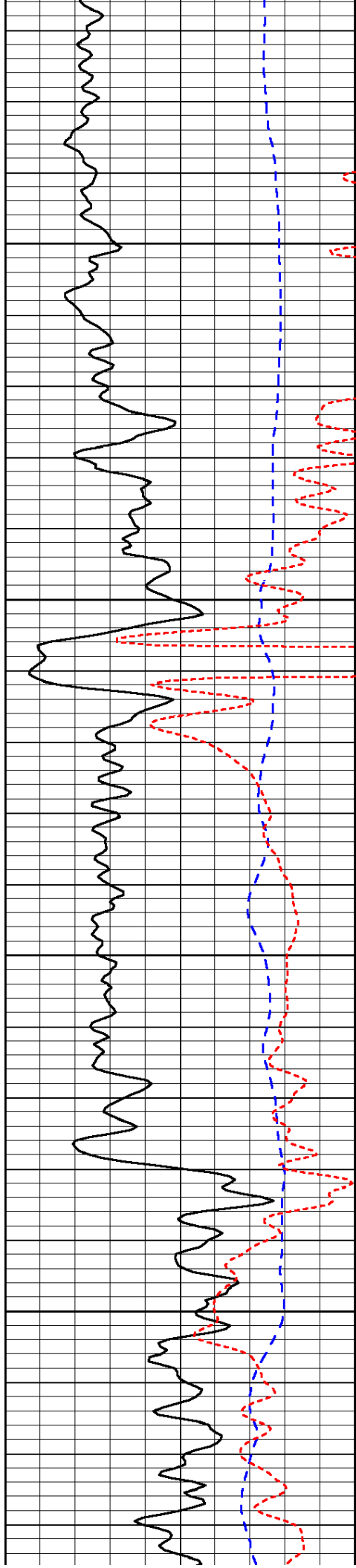
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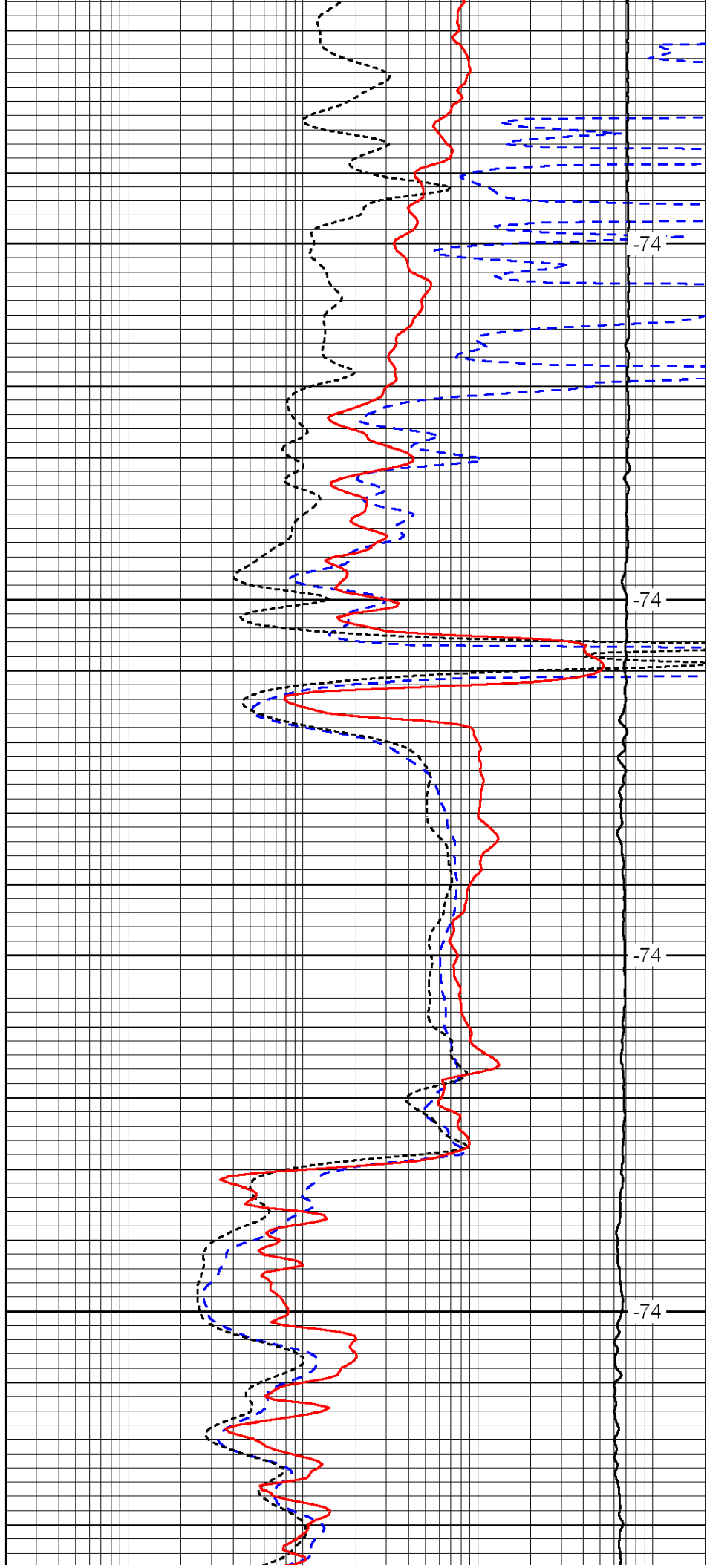


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2400

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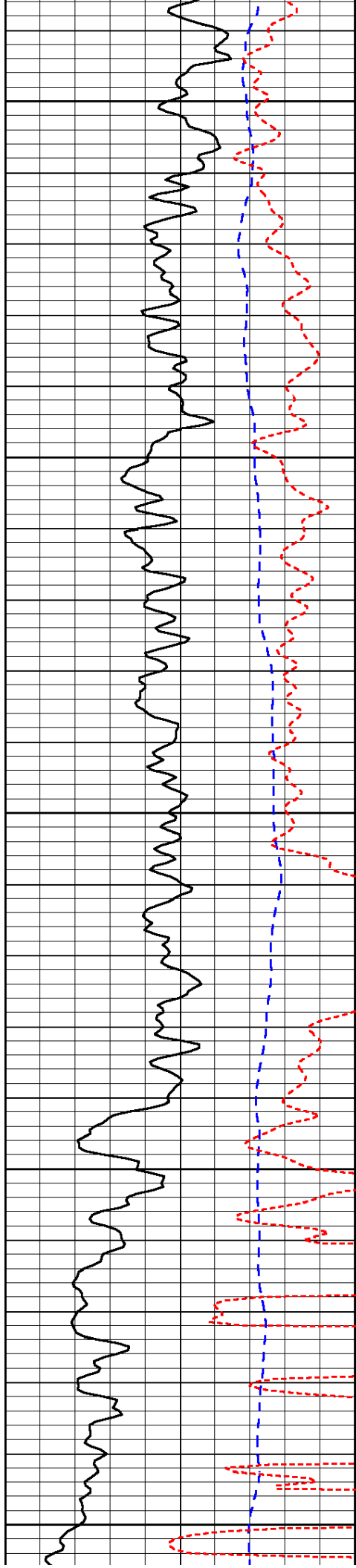


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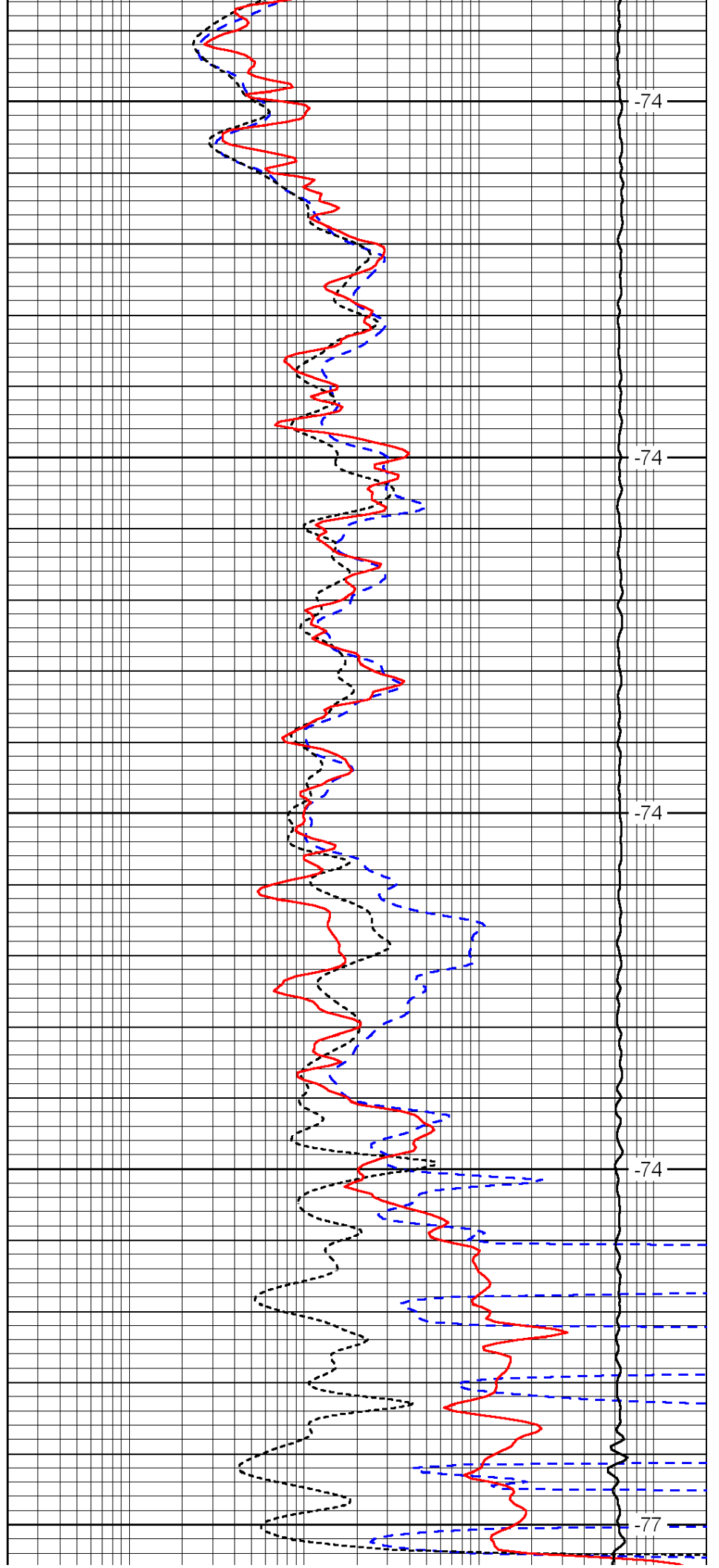
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2700

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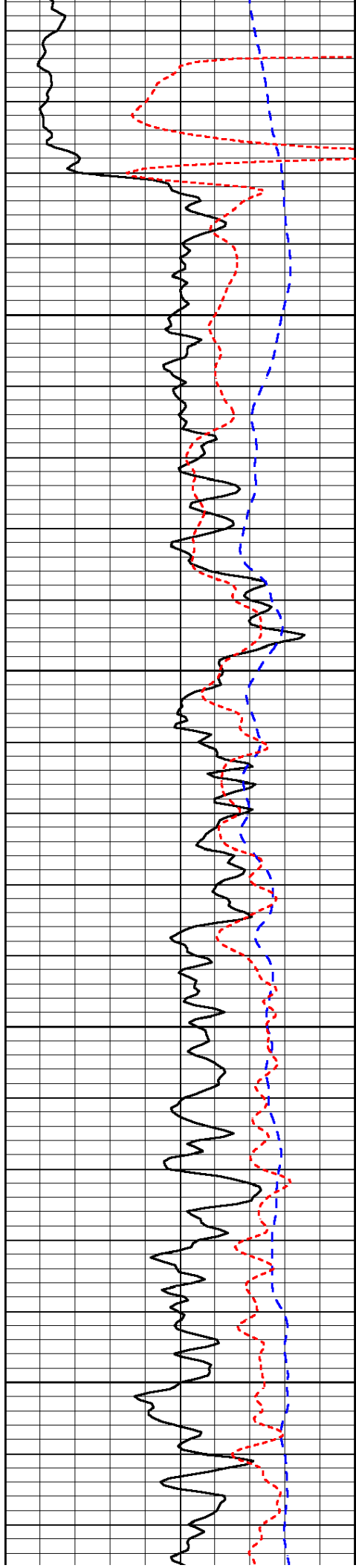
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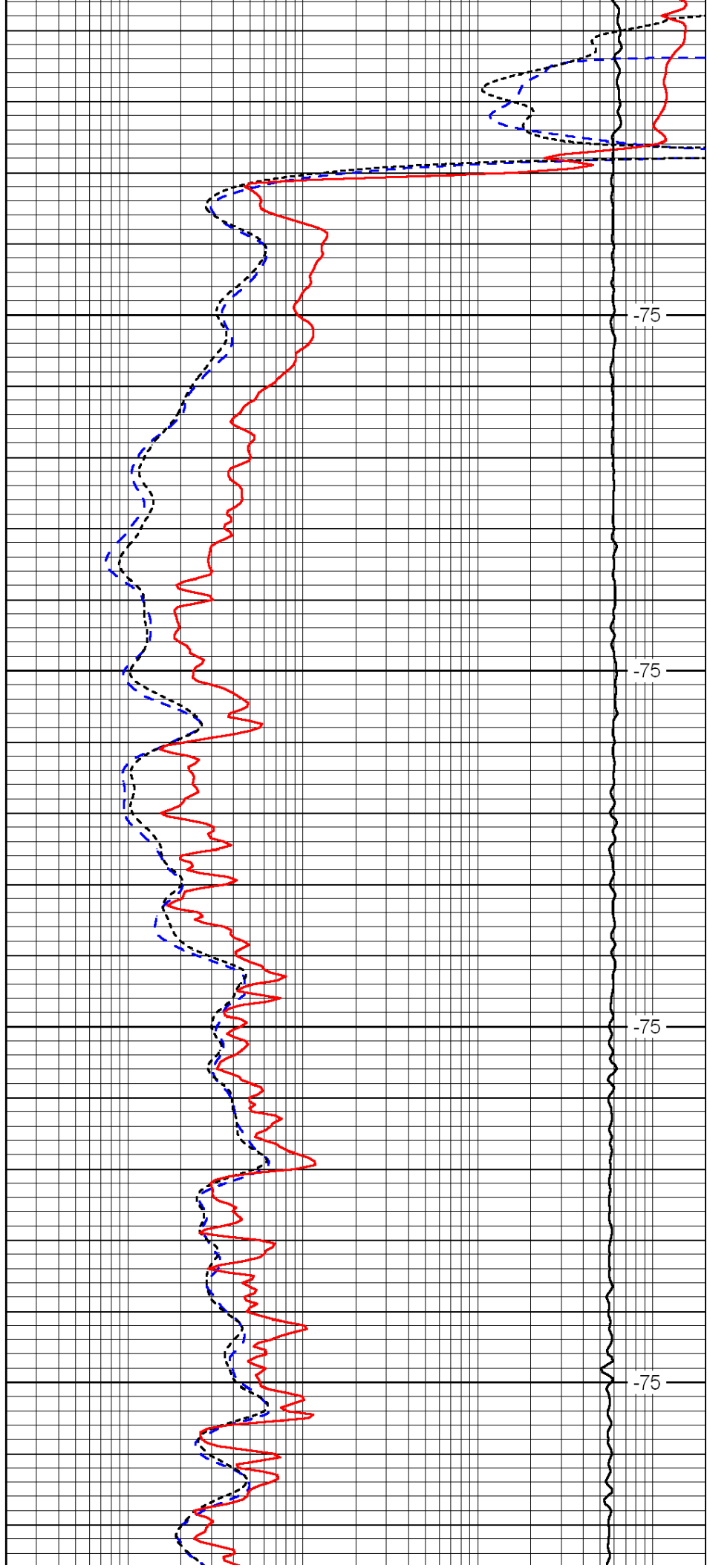


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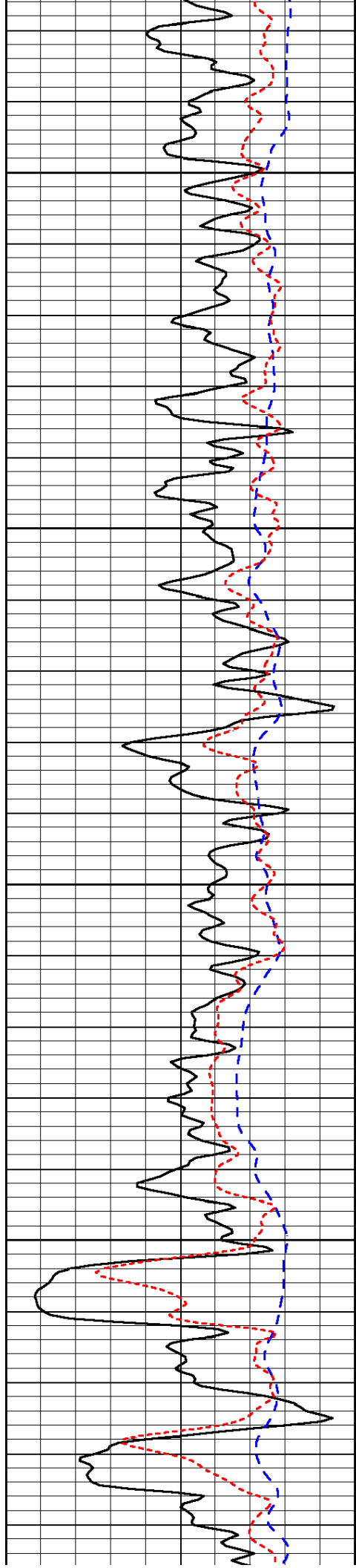


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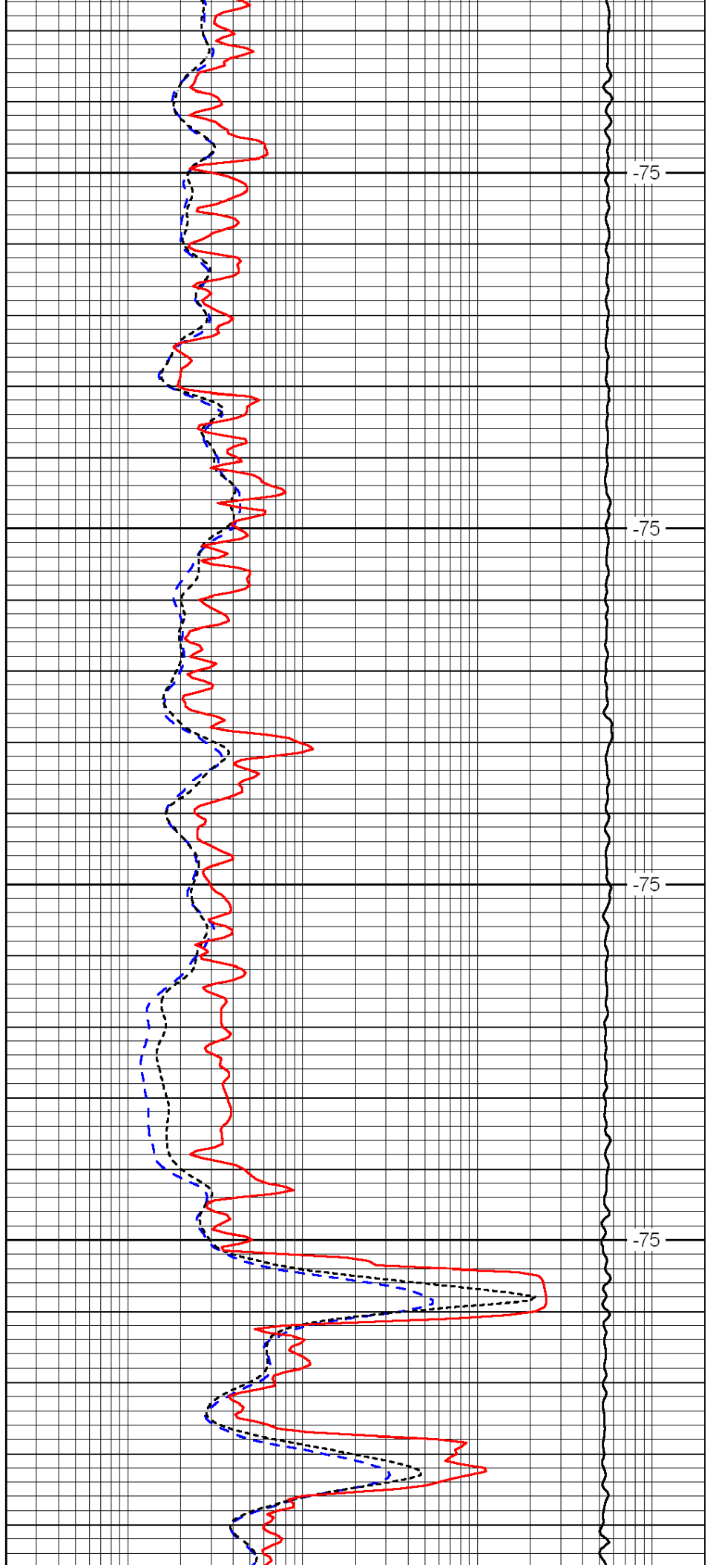


3000

3050

3100

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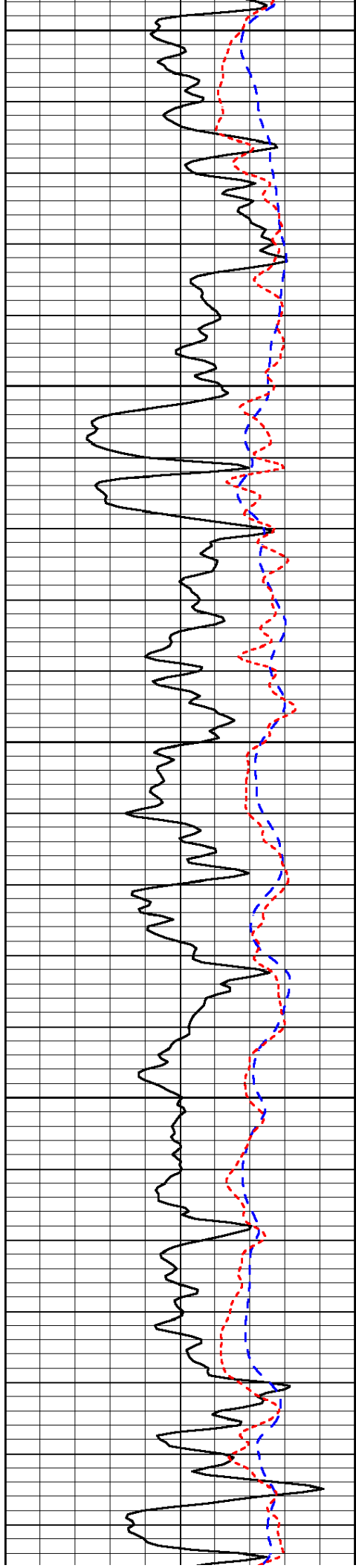


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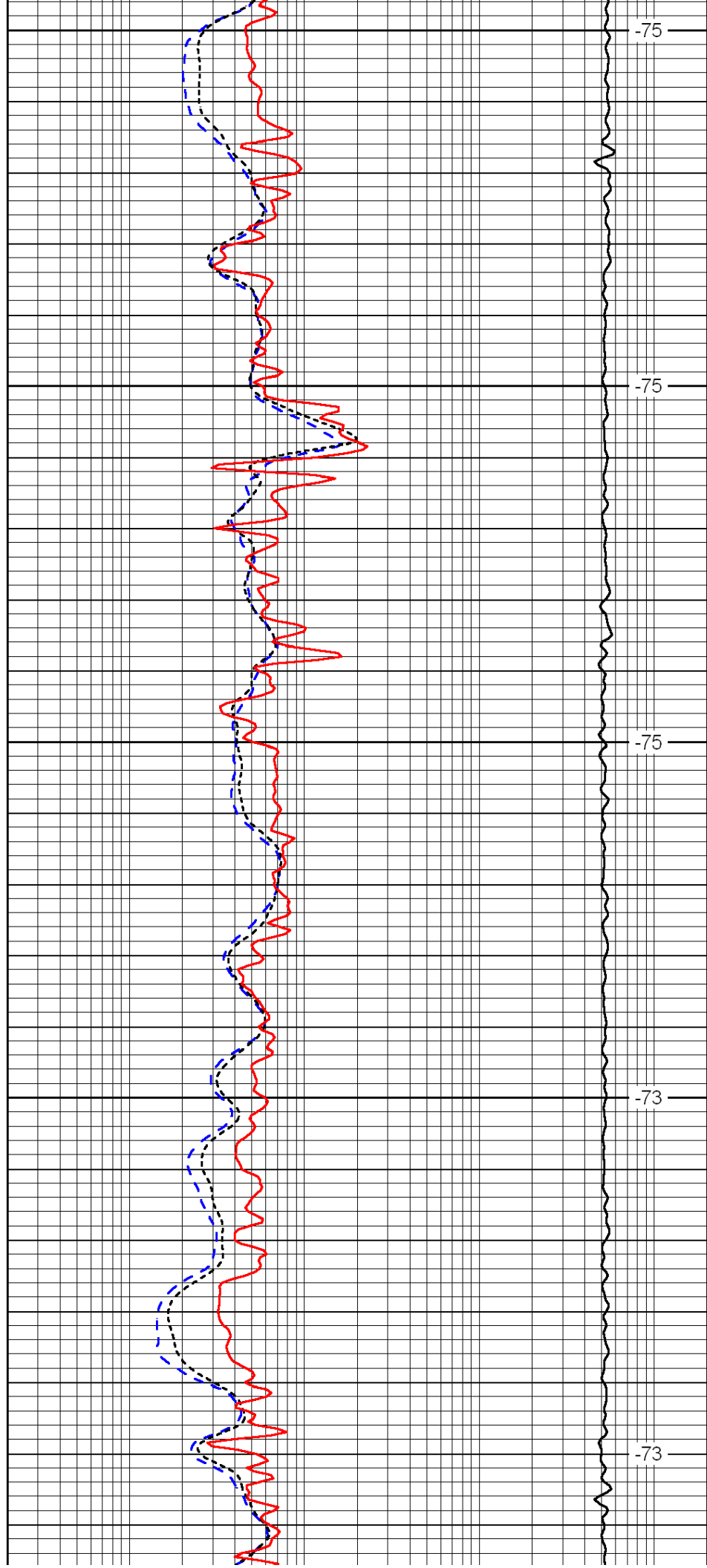
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3250

3300

3350

3400



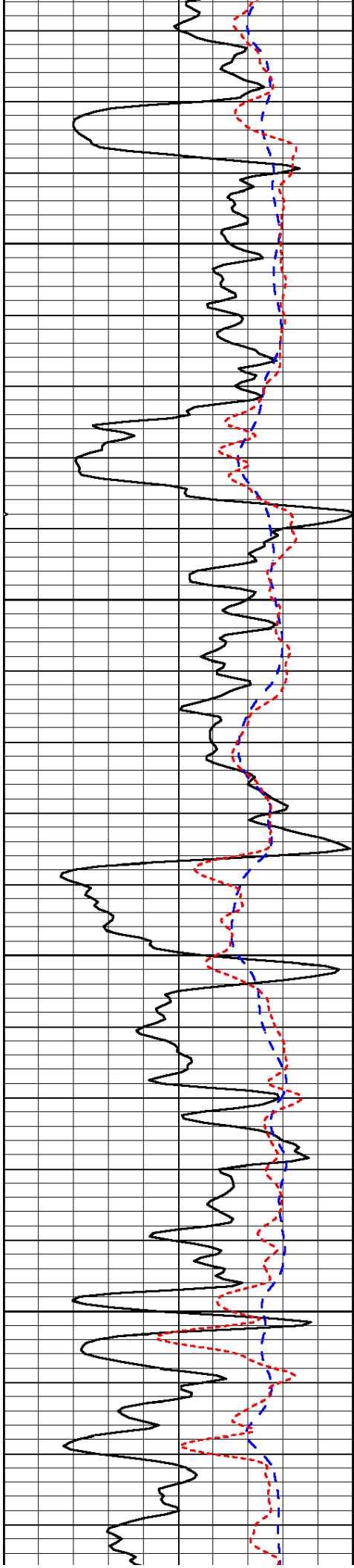
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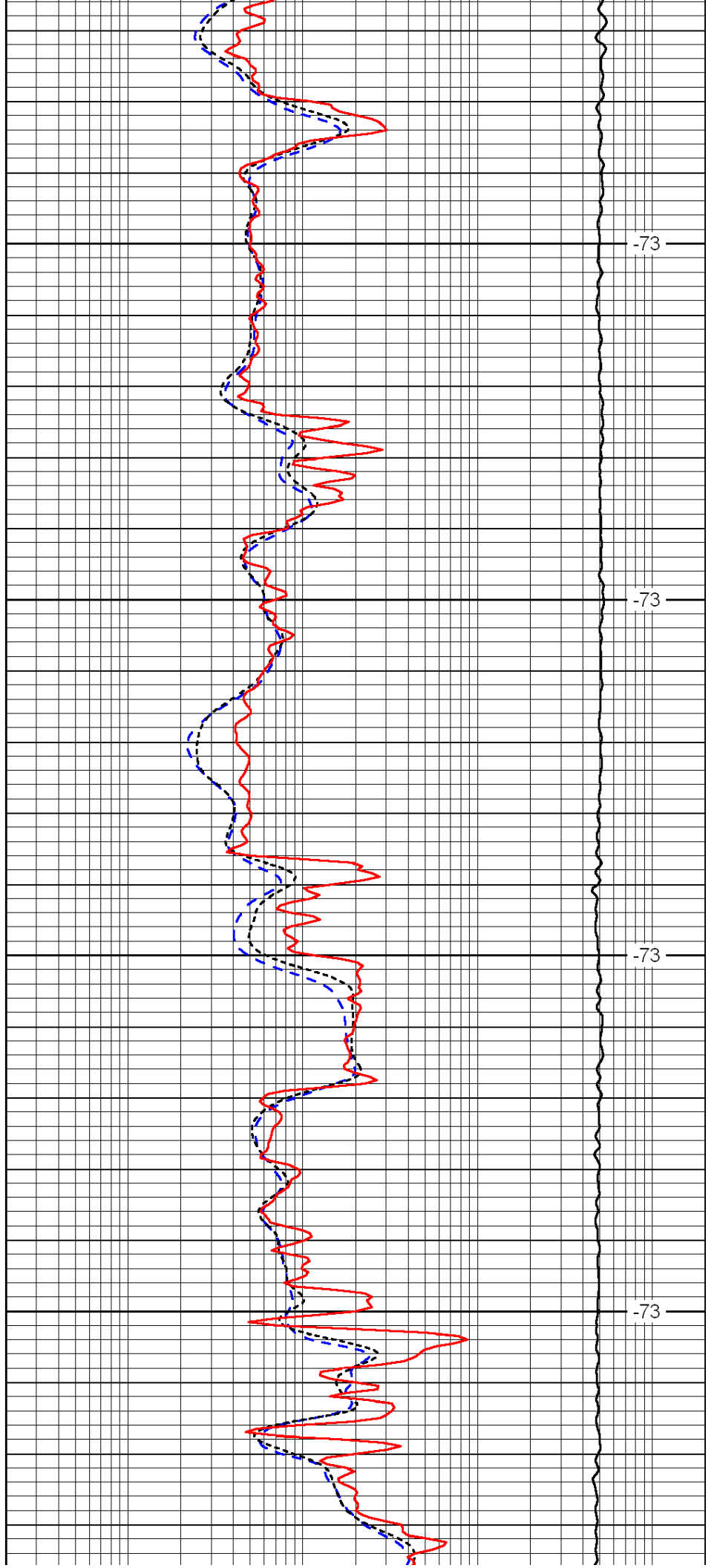


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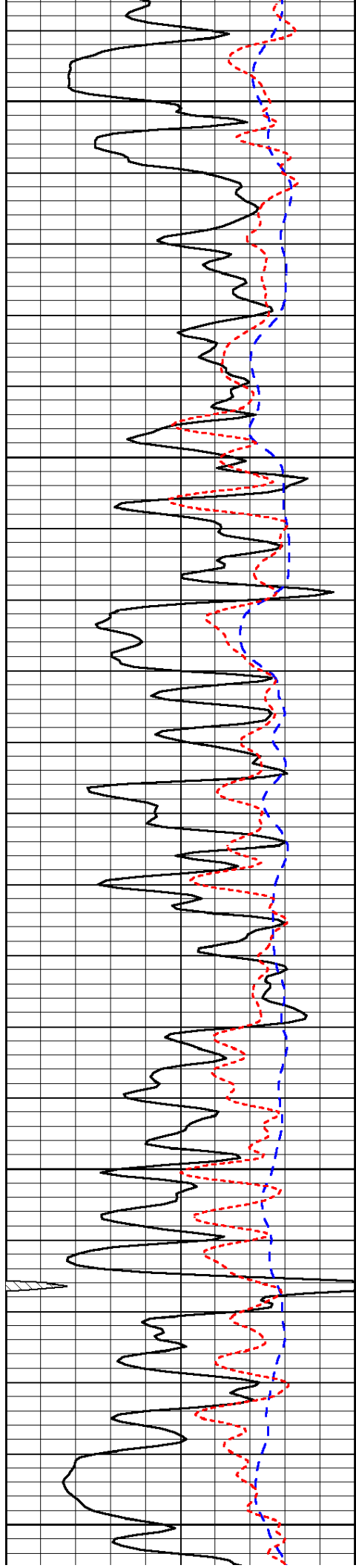


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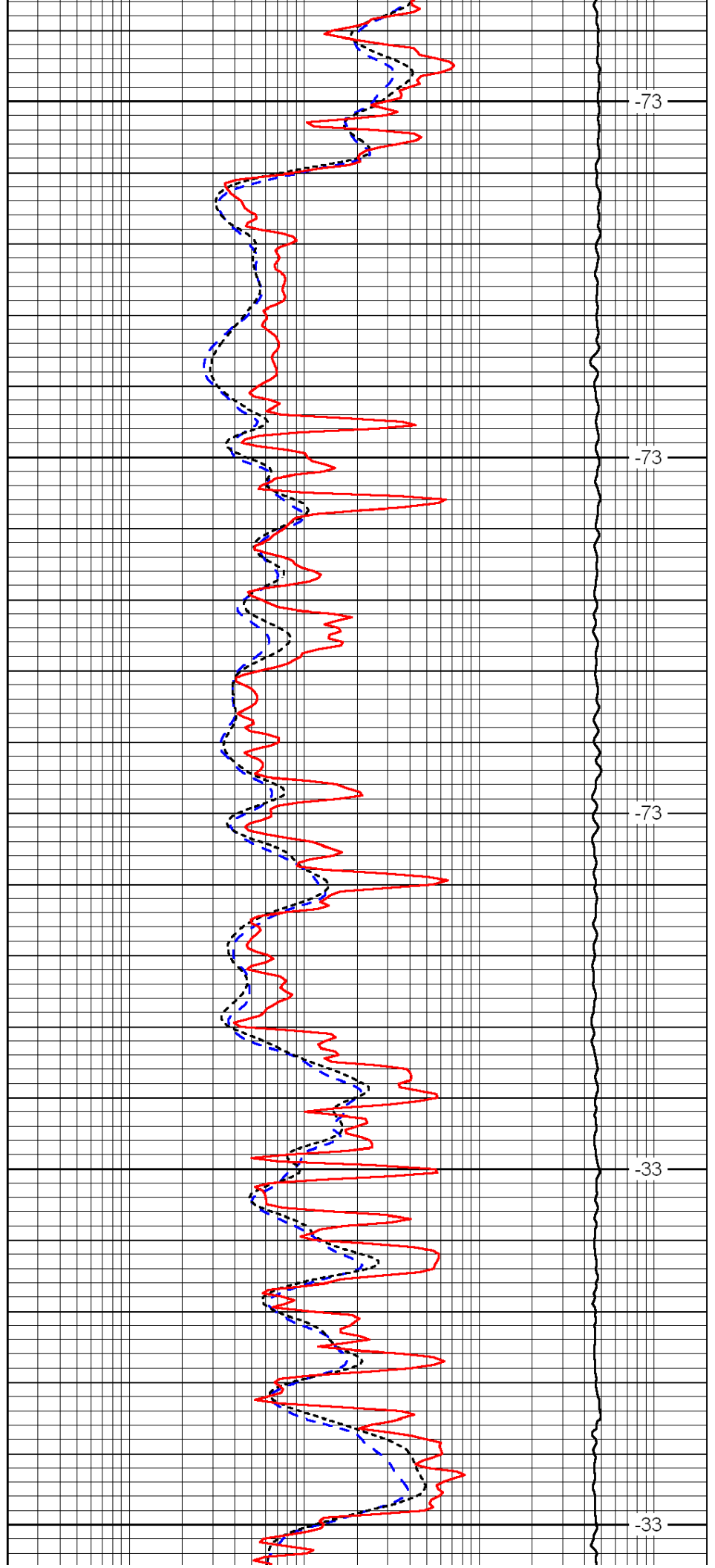
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3800

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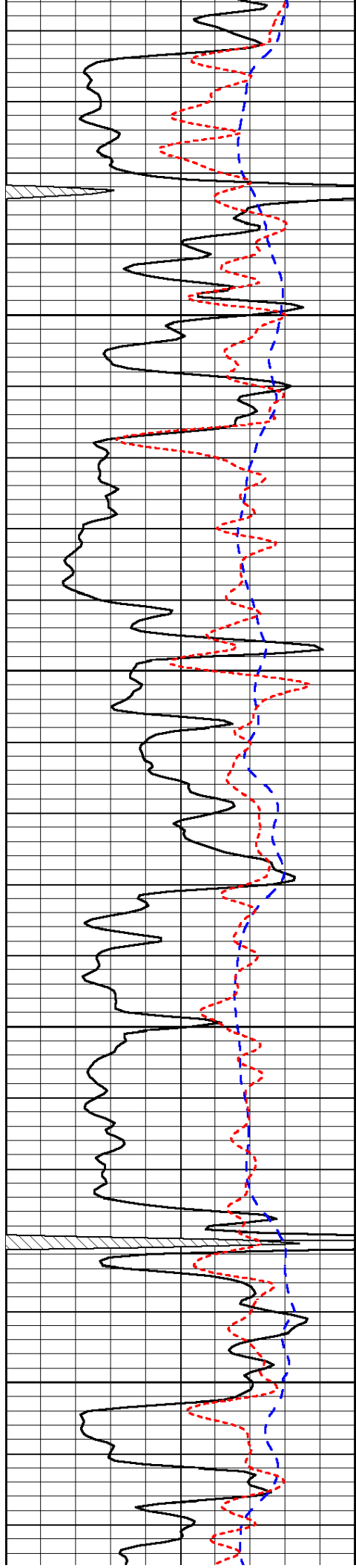
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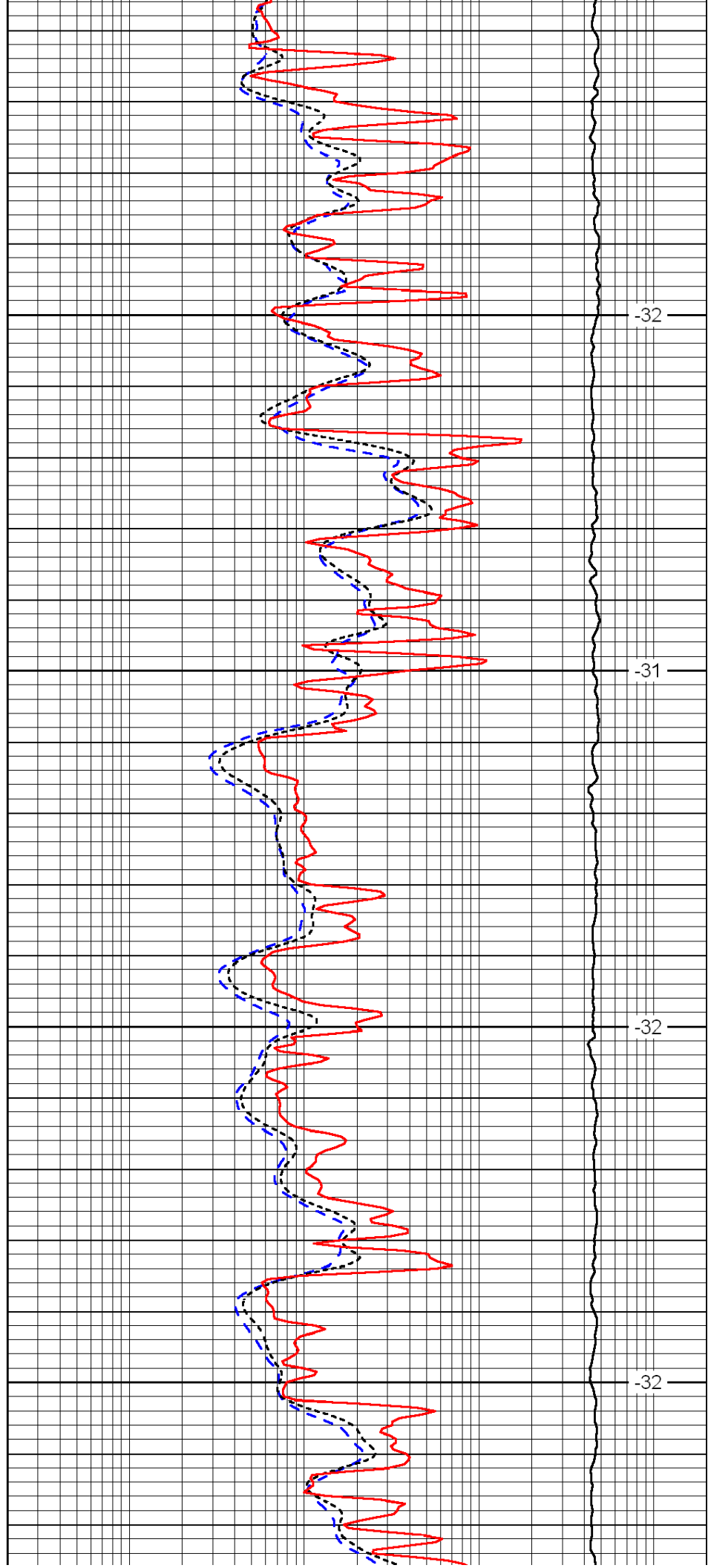


3900

3950

4000

4050

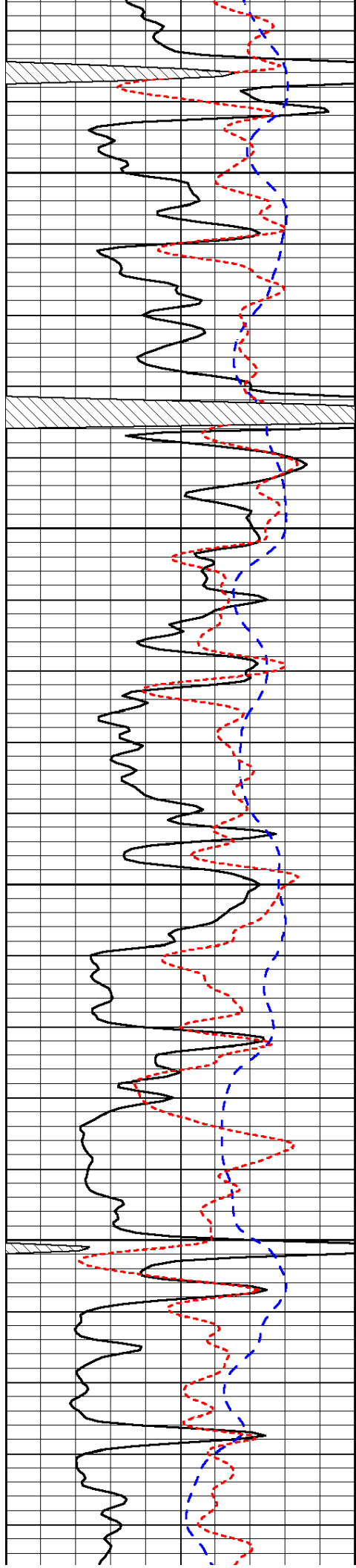


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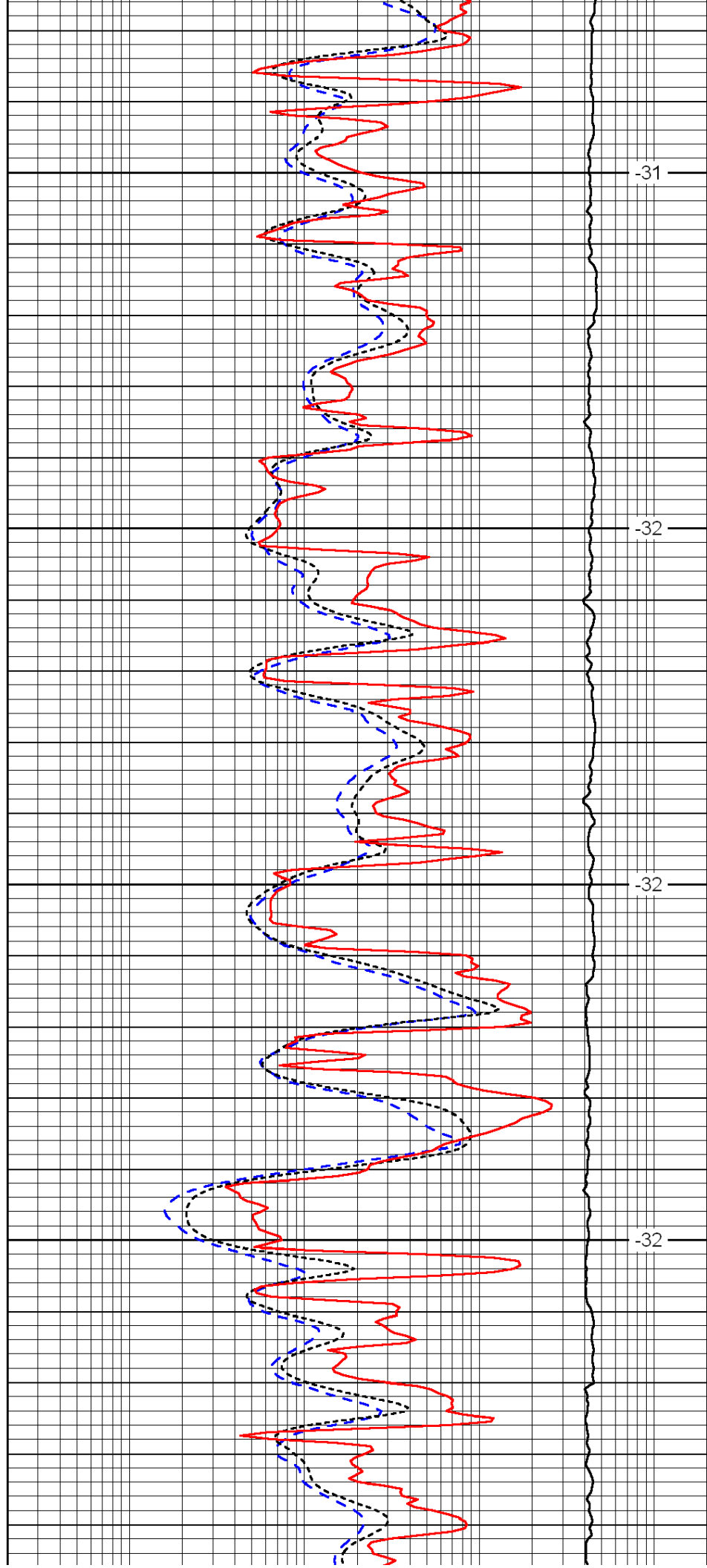


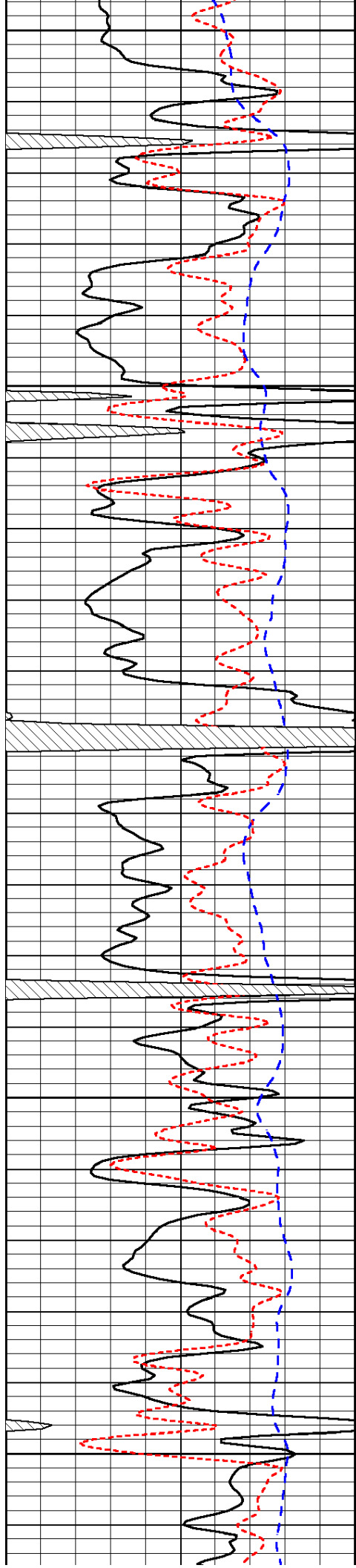
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4200

4250





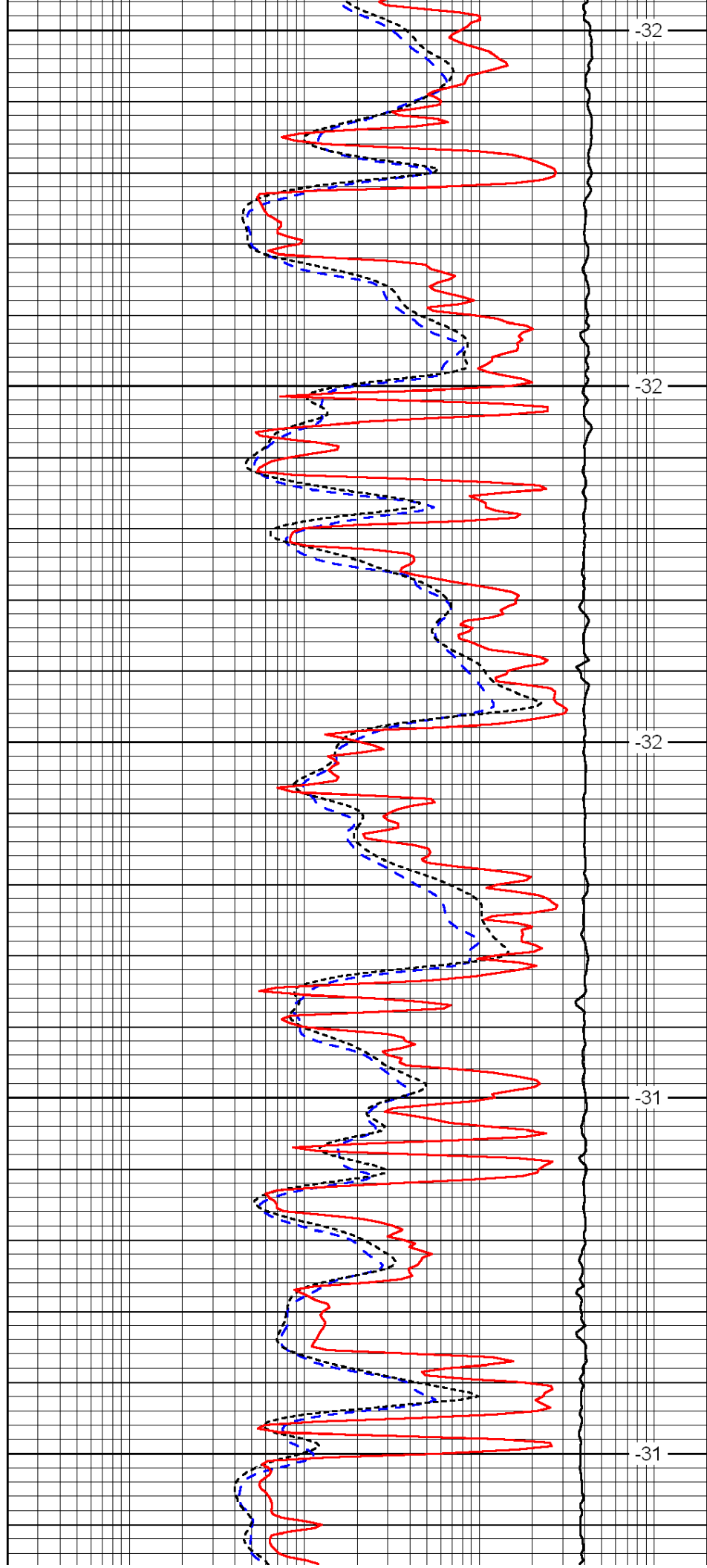
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4350

4400

4450

4500



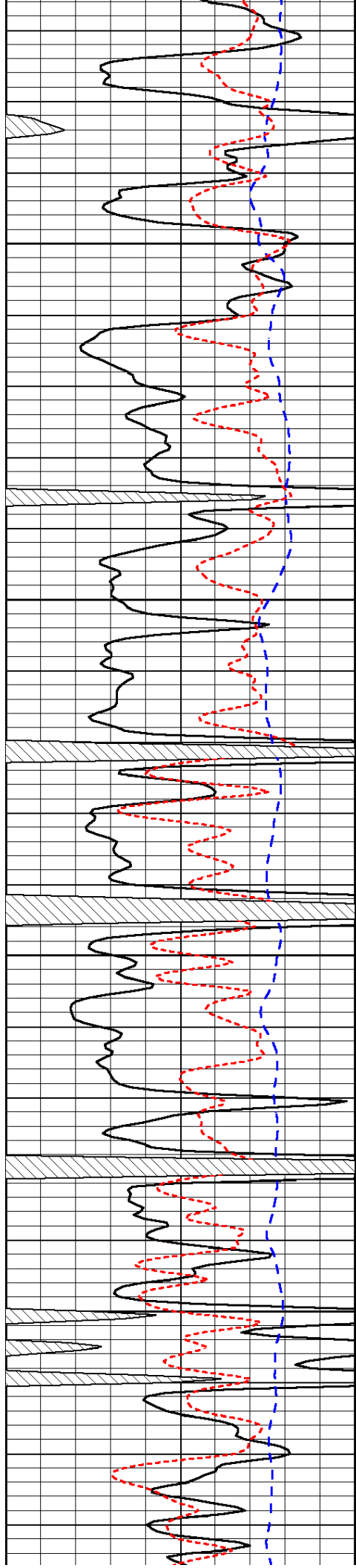
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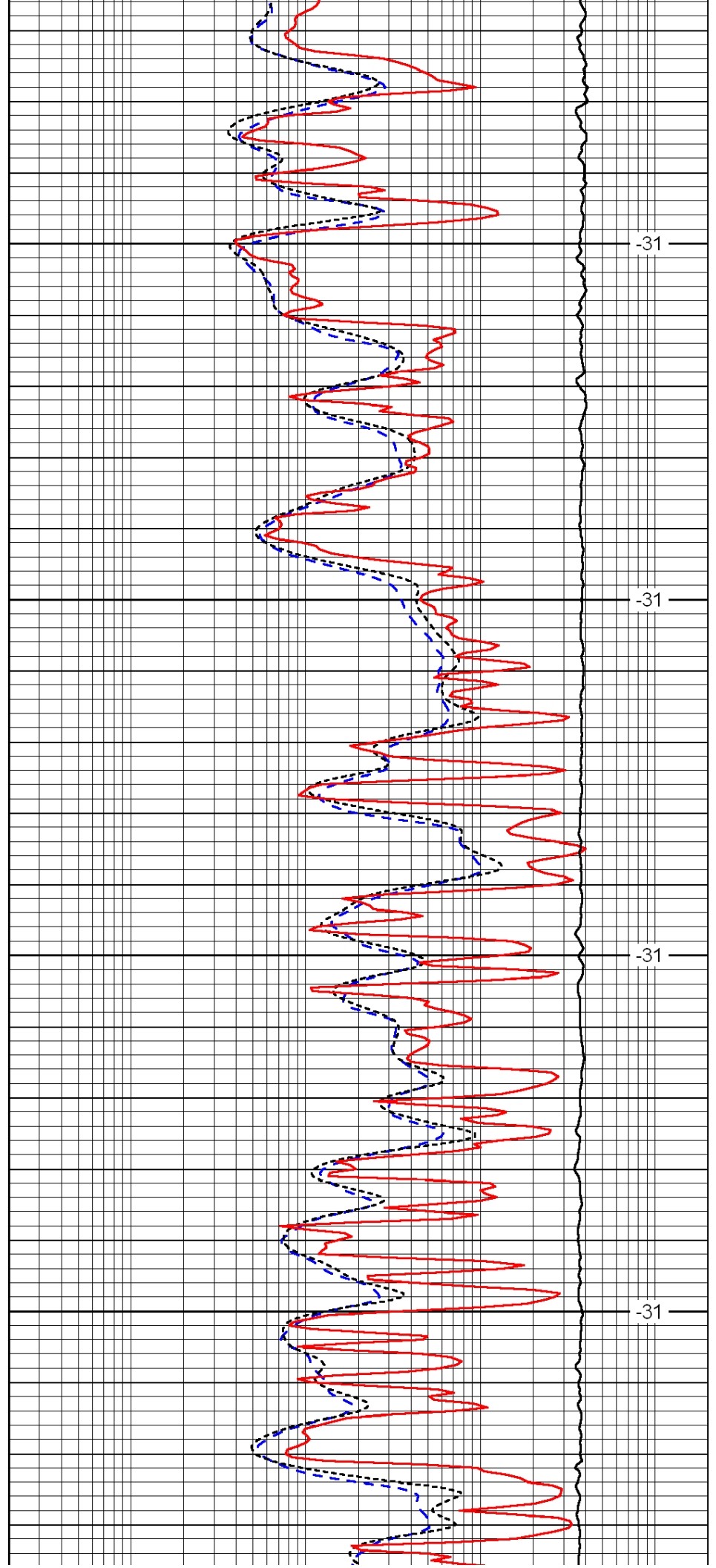


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4700

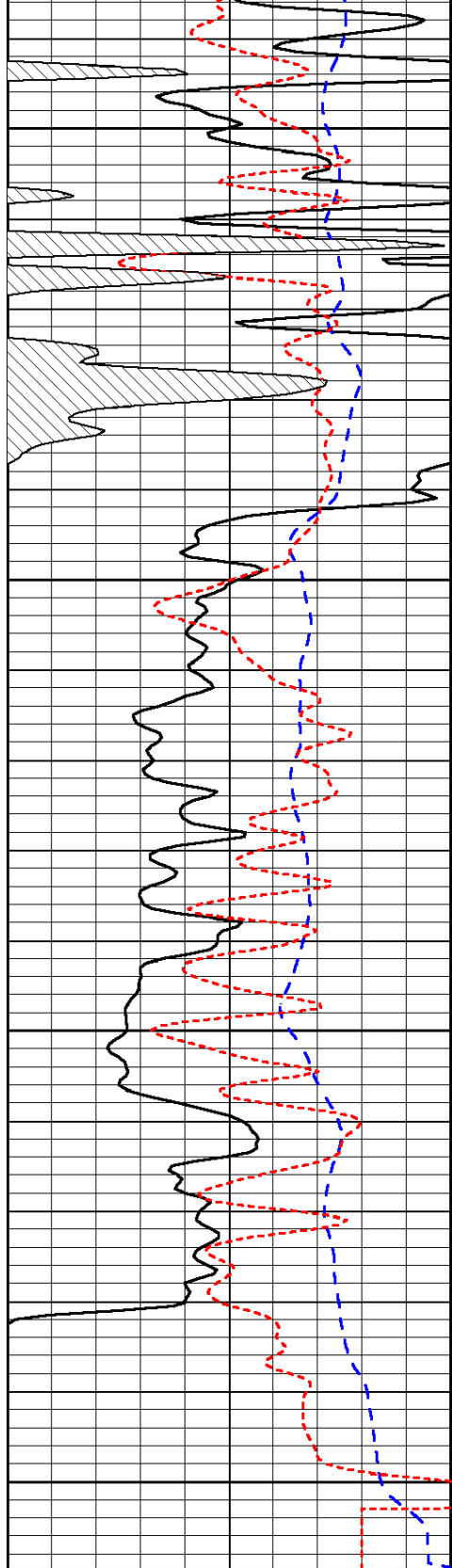


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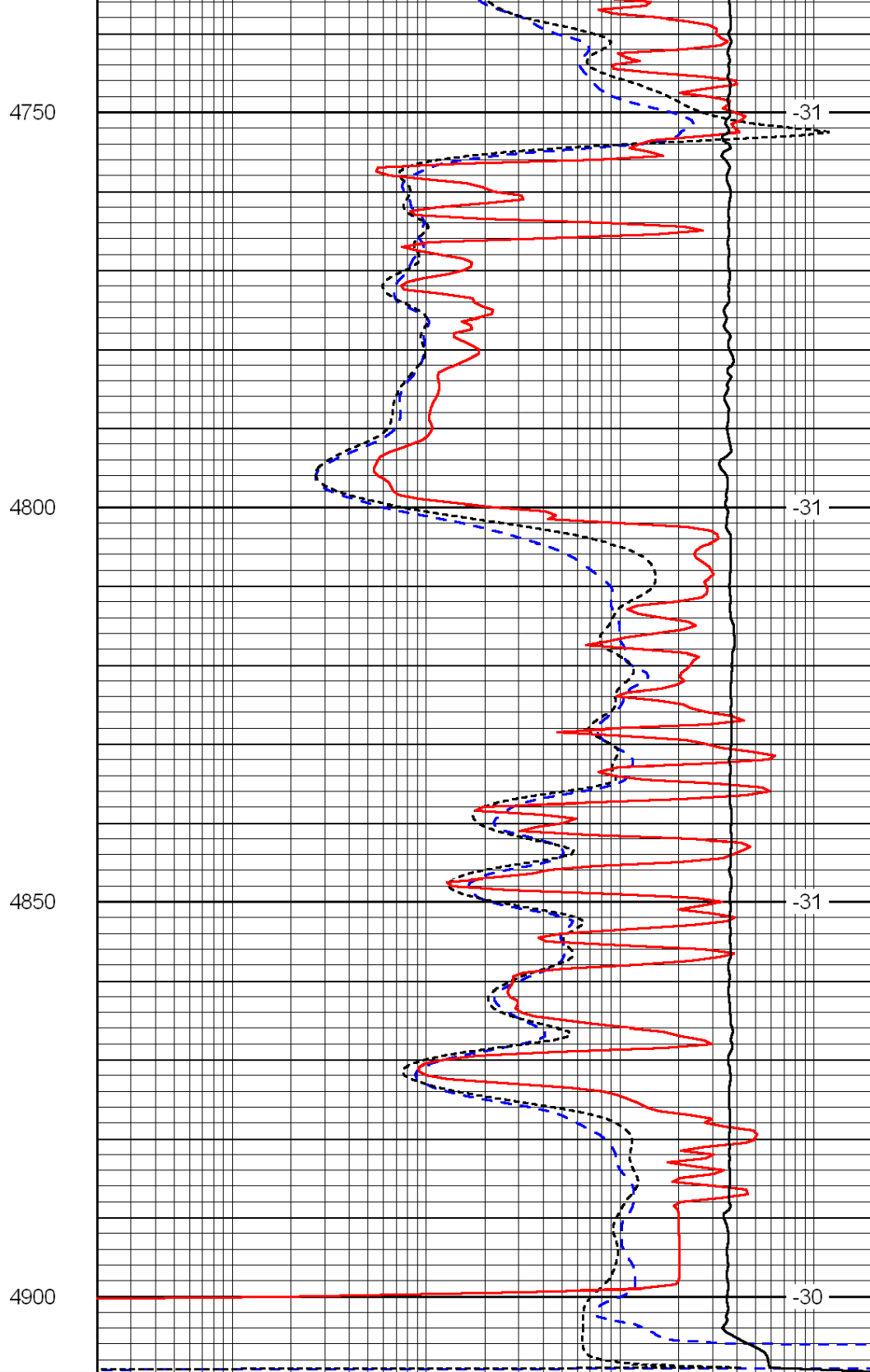
-31

-31

-31



0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD