



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company		Murfin Drilling Co., Inc.	
15-153-20,886-00-00		Well		Cheney Trust 'A' No. 3-25	
		Field		Cheney Trust	
		County		Rawlins State Kansas	
Location		1750' FSL & 330' FWL		Other Services CNL/CDL MEL/BHCS	
Sec: 25		Twp: 5 S		Rge: 31 W	
Permanent Datum		Ground Level		Elevation 2947	
Log Measured From		Kelly Bushing		5 Ft. Above Perm. Datum	
Drilling Measured From		Kelly Bushing		K.B. 2952 D.F. 2947 G.L. 2947	
Date	8/27/2010				
Run Number	One				
Depth Driller	4300				
Depth Logger	4299				
Bottom Logged Interval	4298				
Top Log Interval	00				
Casing Driller	8.625 @ 260				
Casing Logger	259				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	1,500				
Density / Viscosity	8.9 67				
pH / Fluid Loss	10.5 8.0				
Source of Sample	Flowline				
Rm @ Meas. Temp	.95 @ 65				
Rmf @ Meas. Temp	.71 @ 65				
Rmc @ Meas. Temp	1.28 @ 65				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.51 @ 121				
Operating Rig Time	6 Hours				
Max Rec. Temp. F	121				
Equipment Number	4				
Location	Hays				
Recorded By	K. Bange				
Witnessed By	Bob Stolzle				

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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.

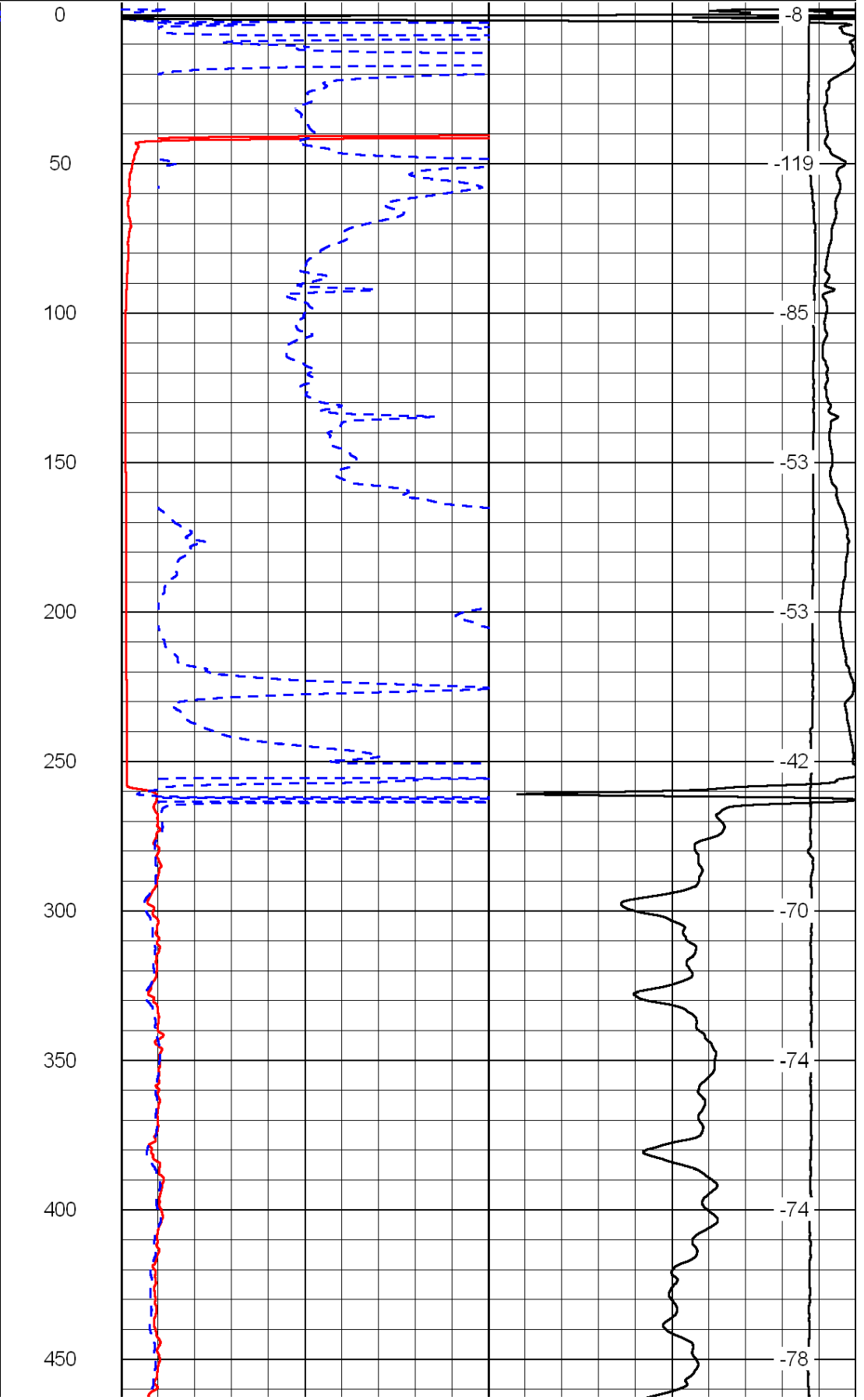
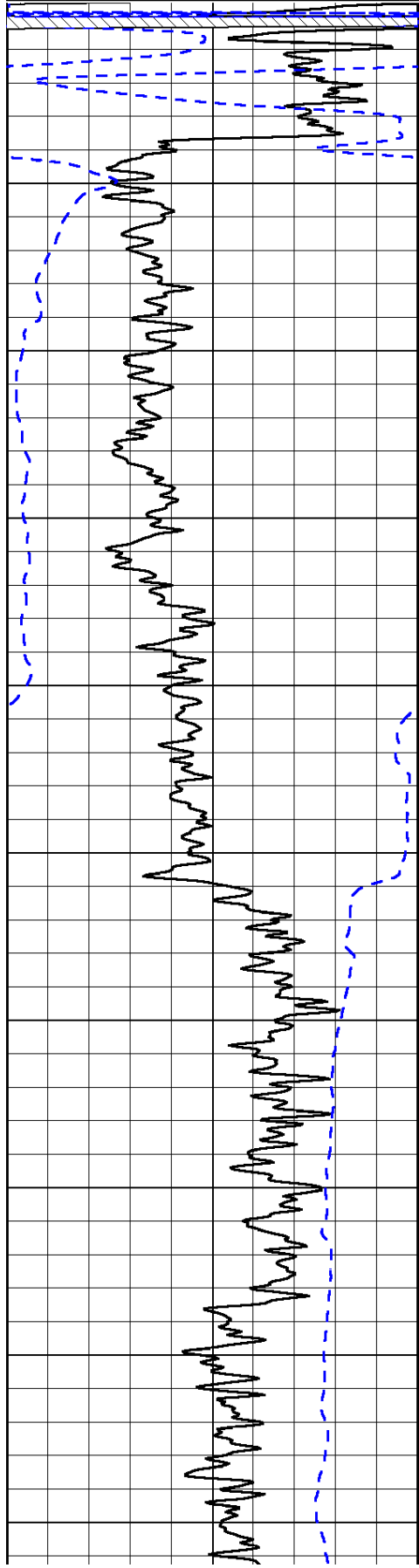
Comments

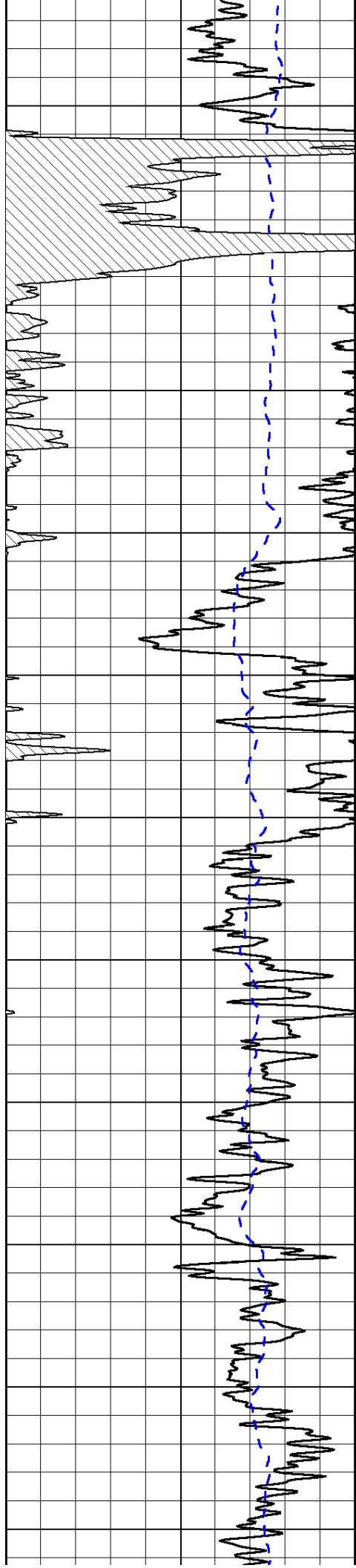
Thank you for using Log-Tech, Inc.
(785) 625-3858

Rexford, 6 1/2 N to 'T' intersection, 1 1/2 W to curve, 1 1/8 N, E into

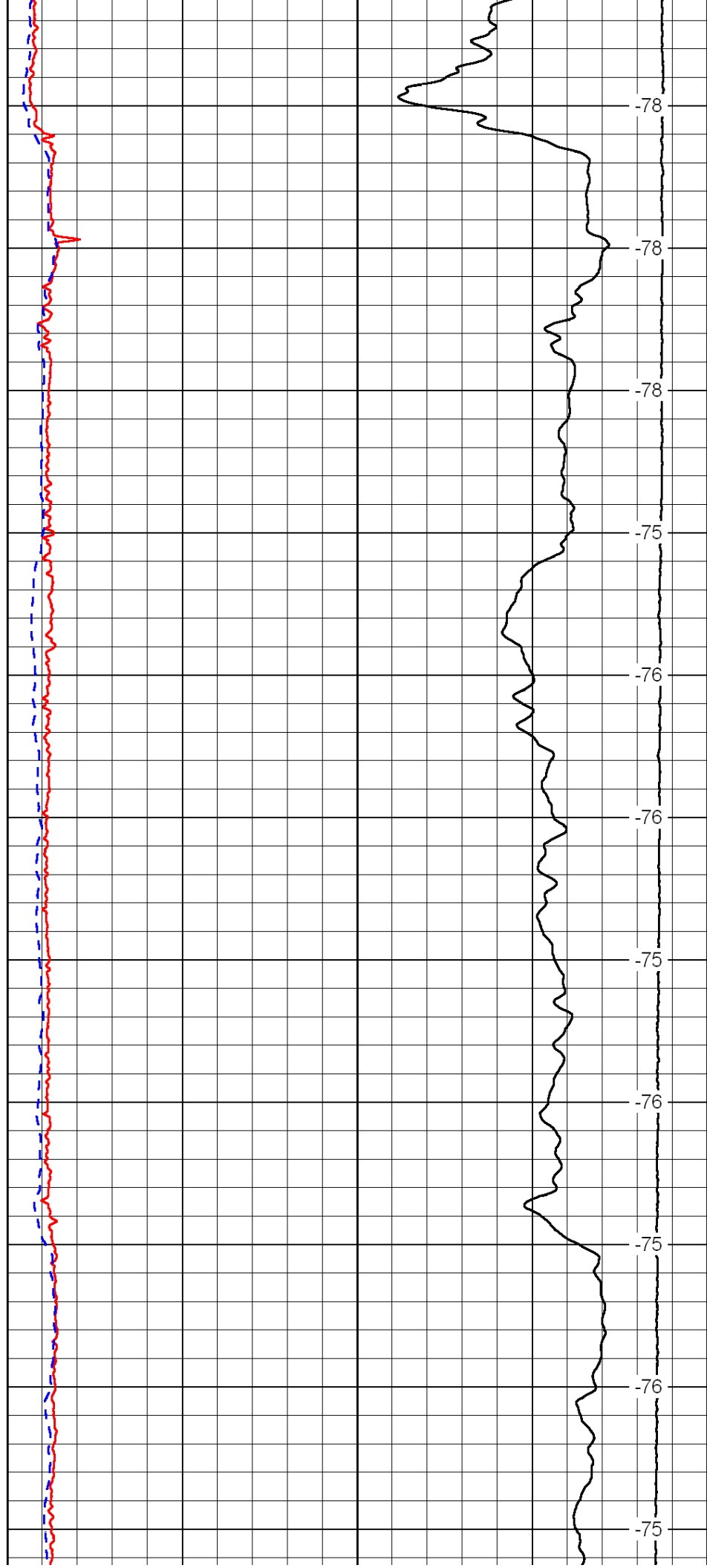
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Presentation Format: dil2in
Dataset Creation: Fri Aug 27 12:32:12 2010
Charted by: Depth in Feet scaled 1:600

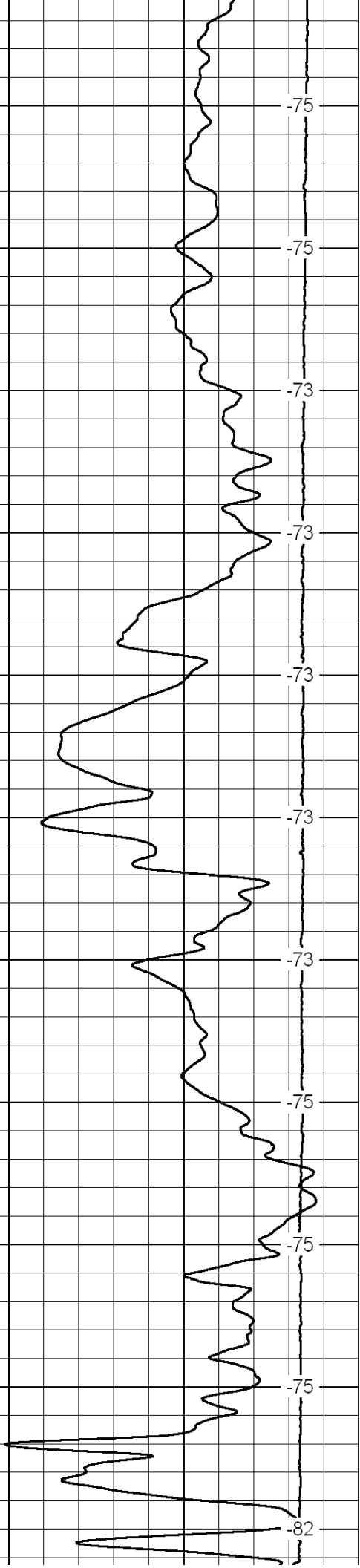
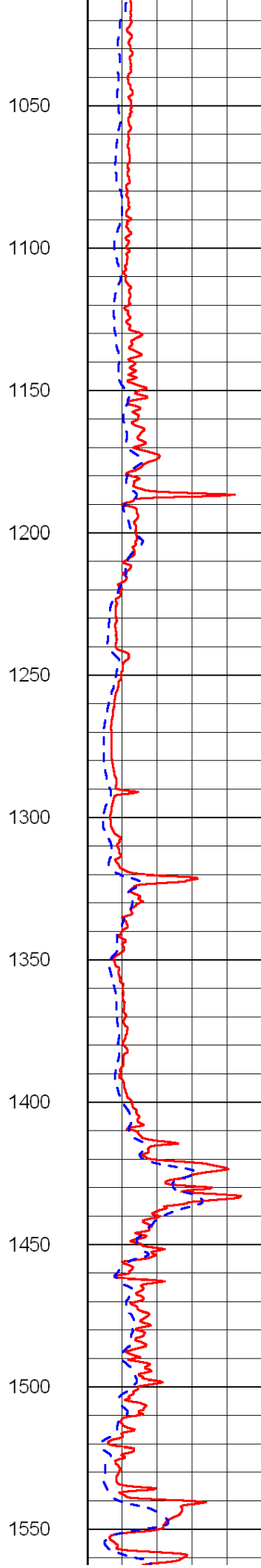
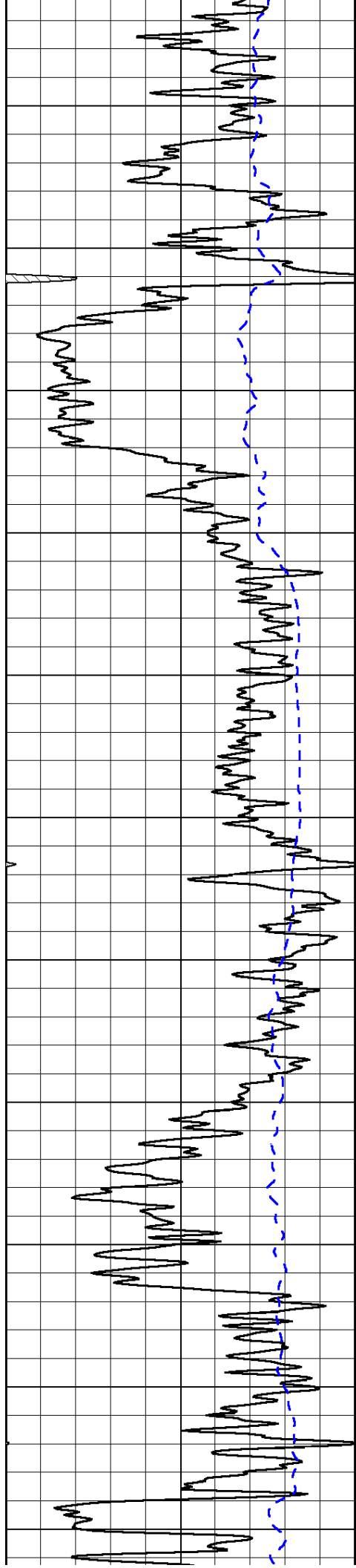
Charted by: _____			Depth in Feet scaled 1:500				
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-200	SP (mV)	0		0	Deep Resistivity	50	
-----				1000	Conductivity		0
				15000	Line Tension		0
				50	Shallow Resistivity	500	
				50	Deep Resistivity	500	

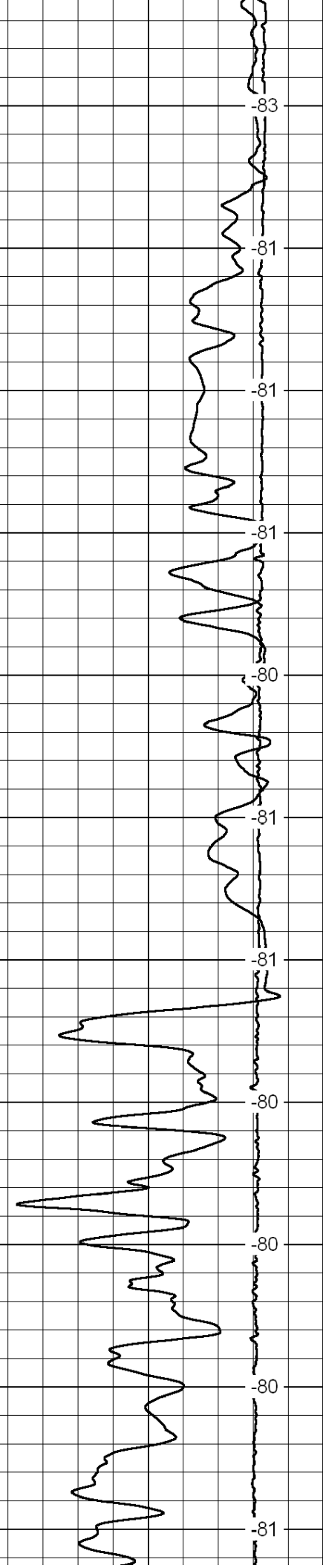
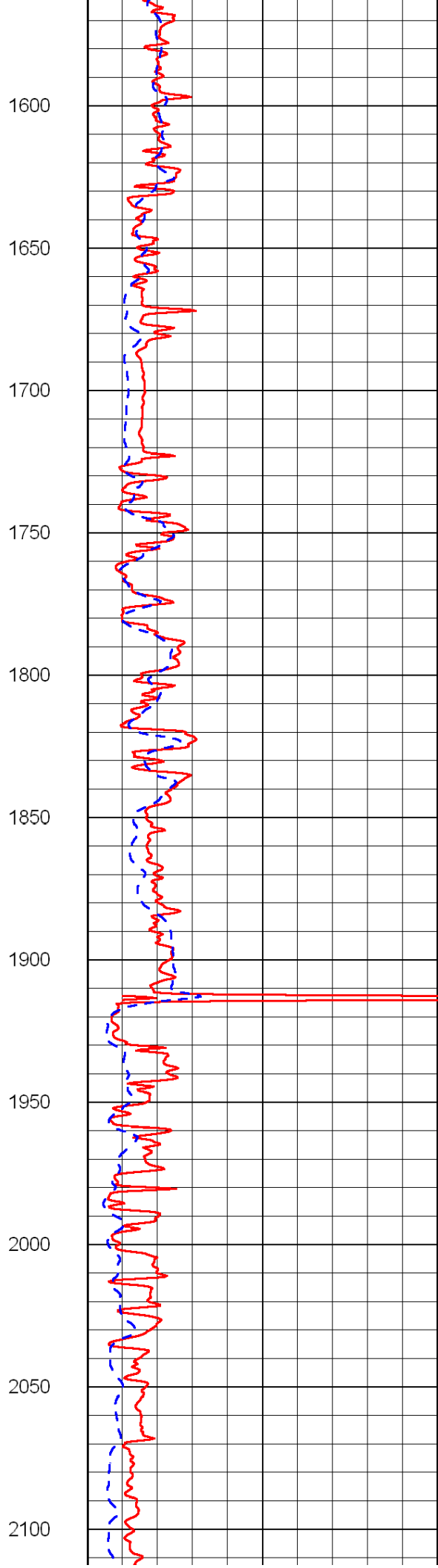
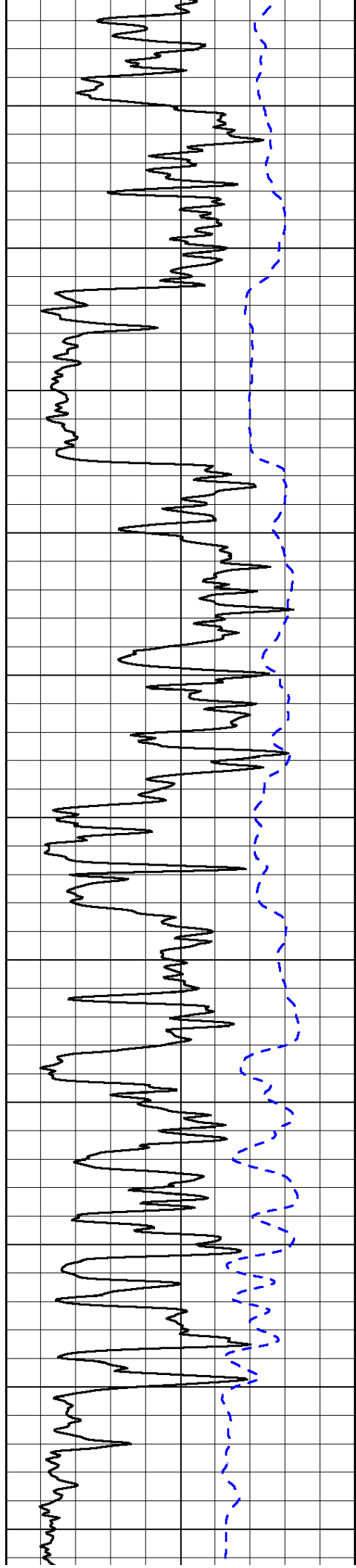


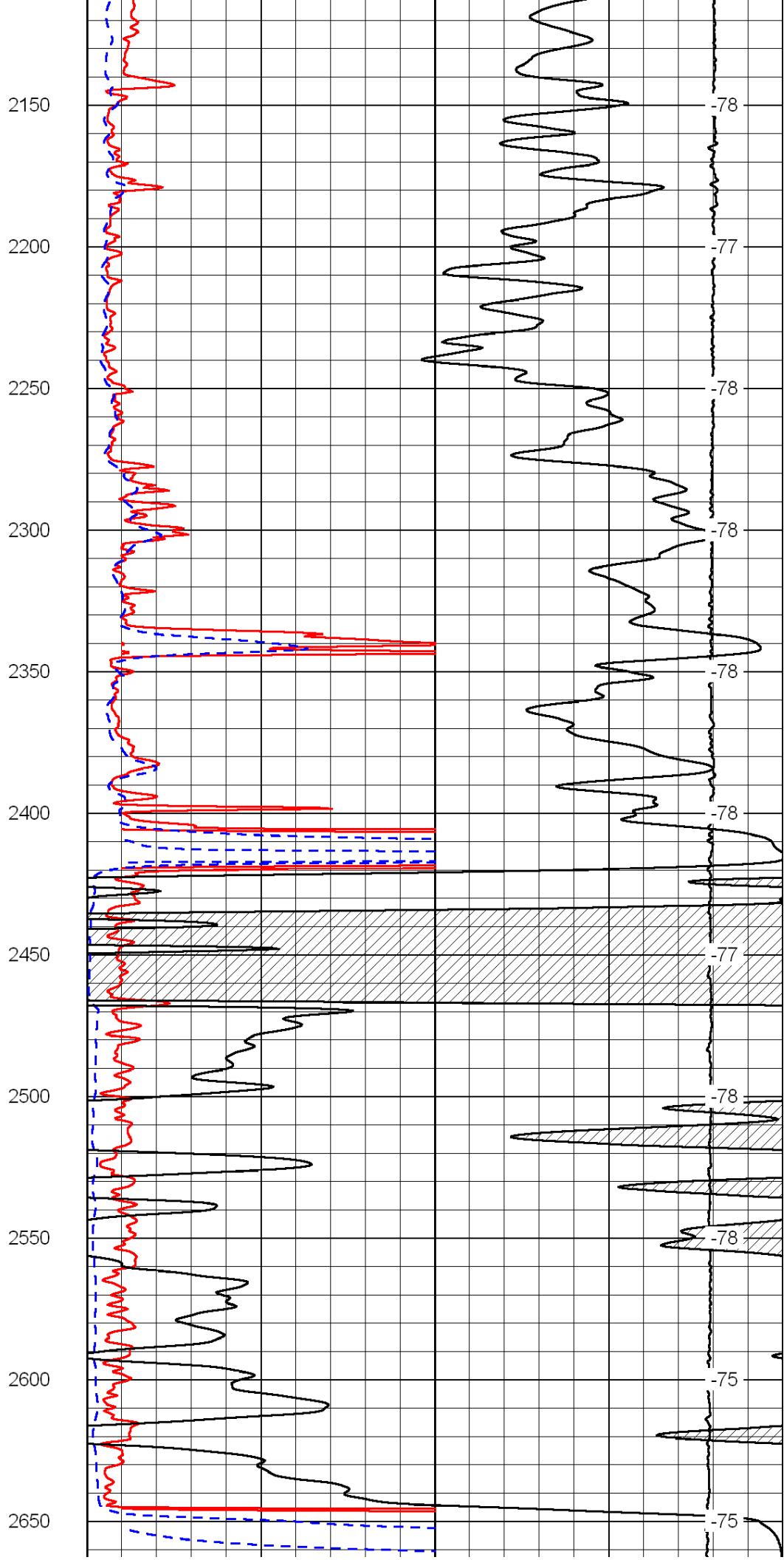
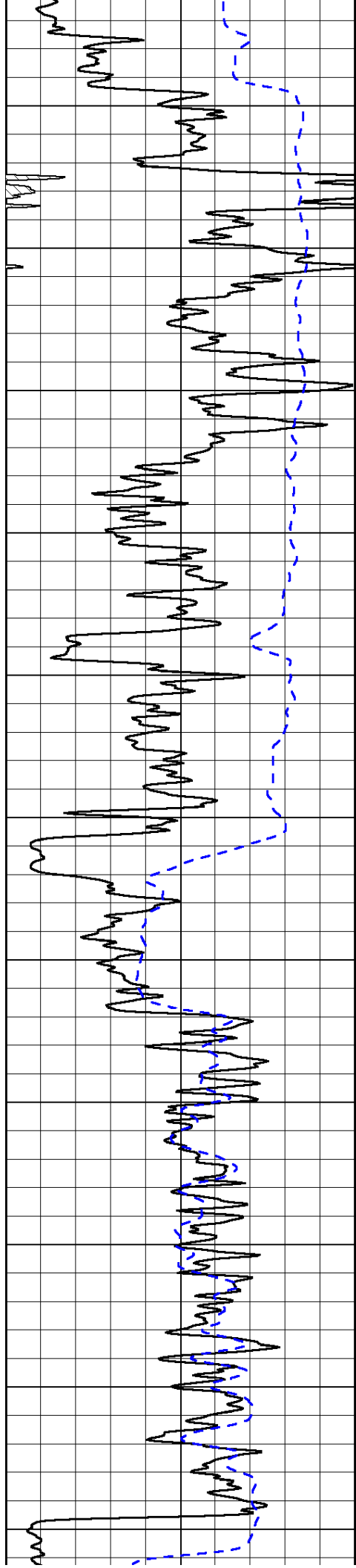


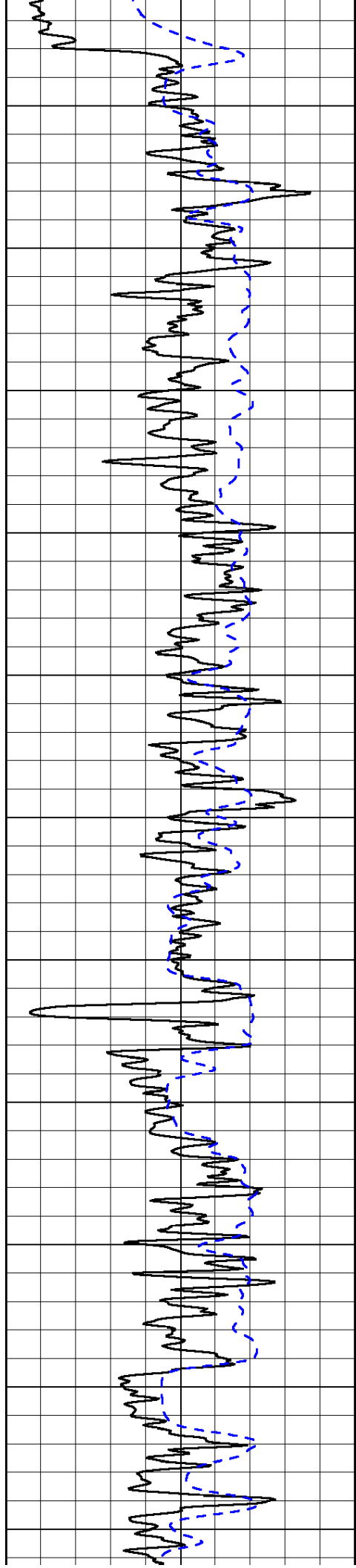
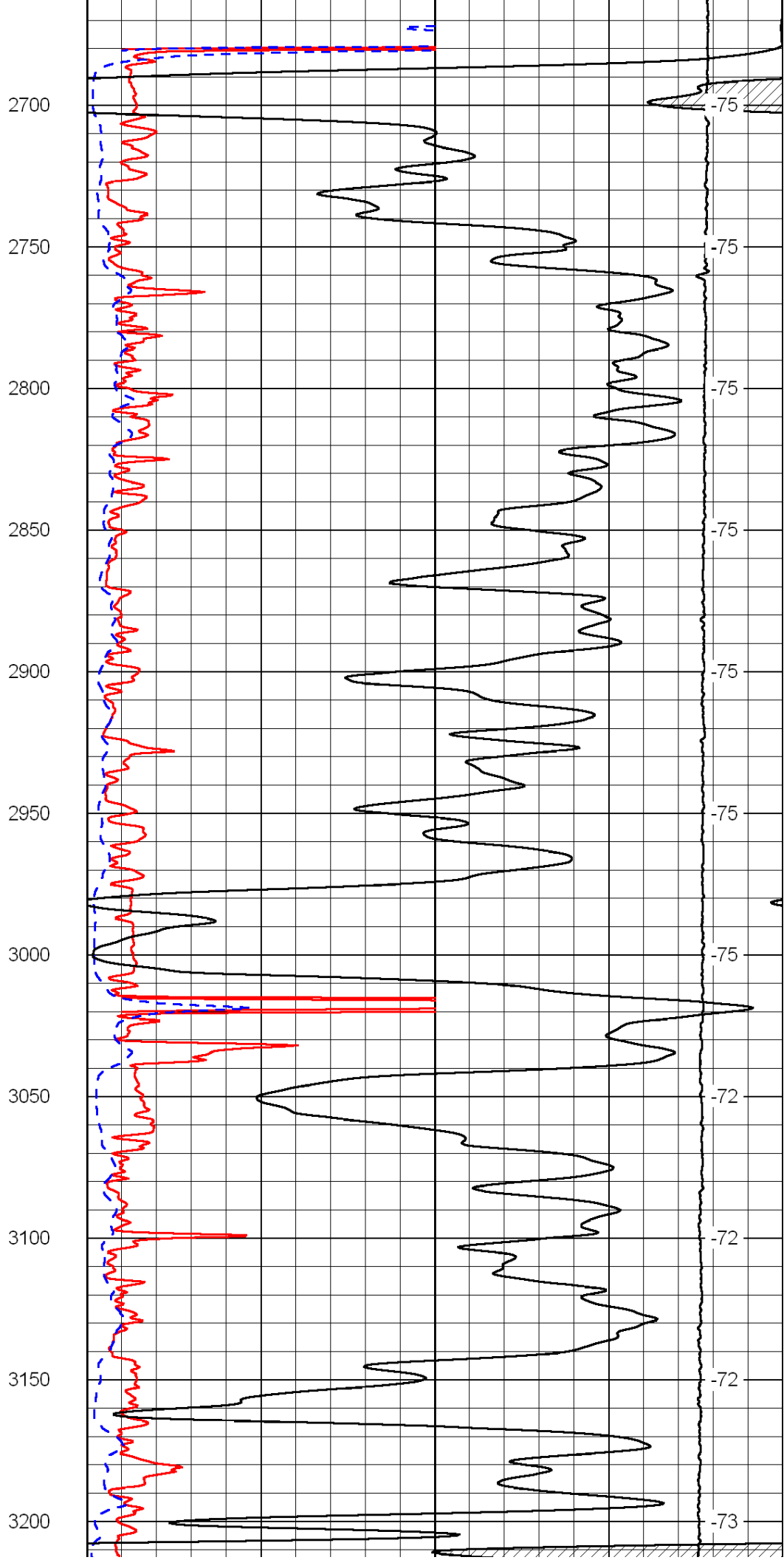
500
550
600
650
700
750
800
850
900
950
1000

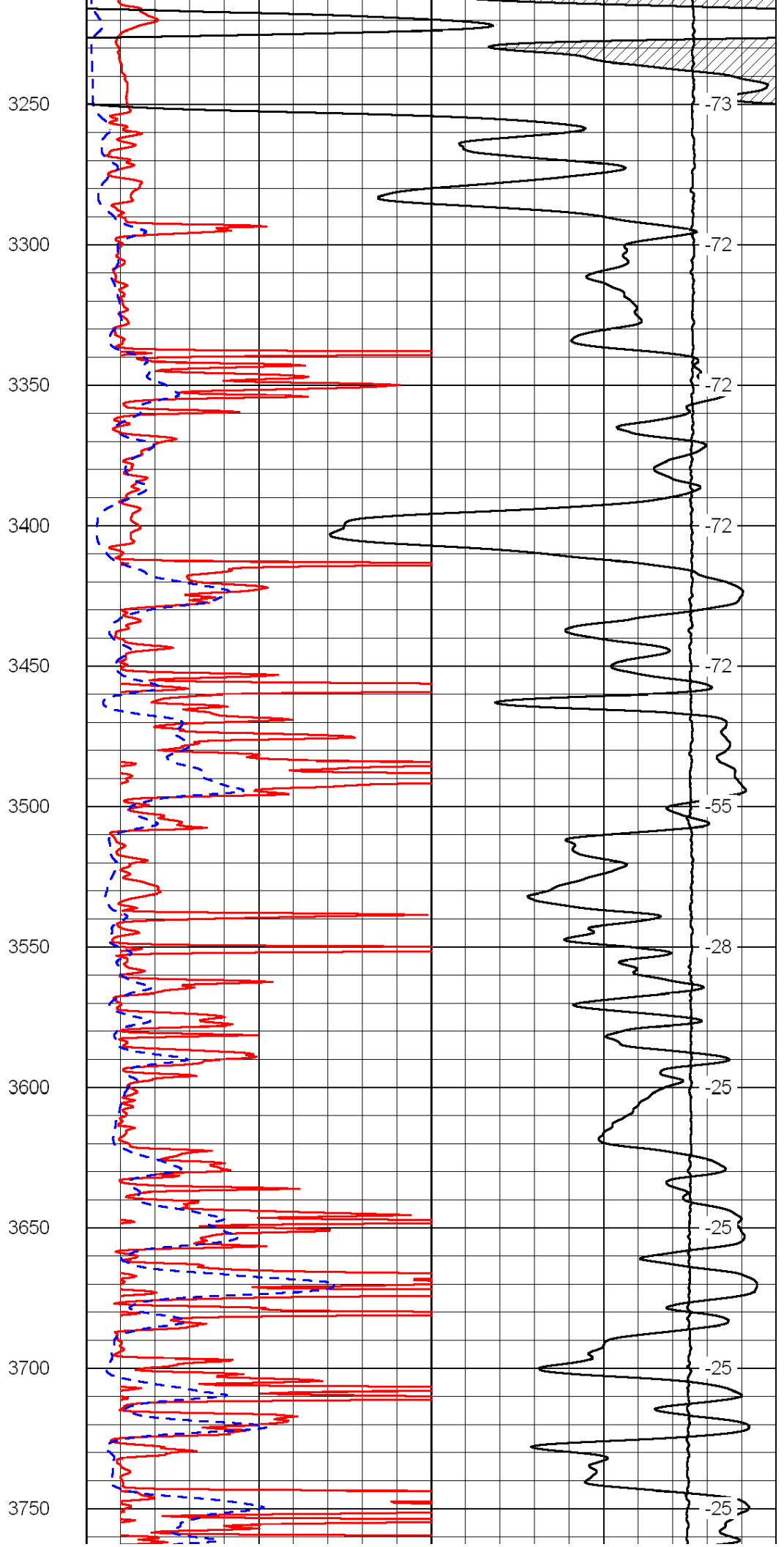
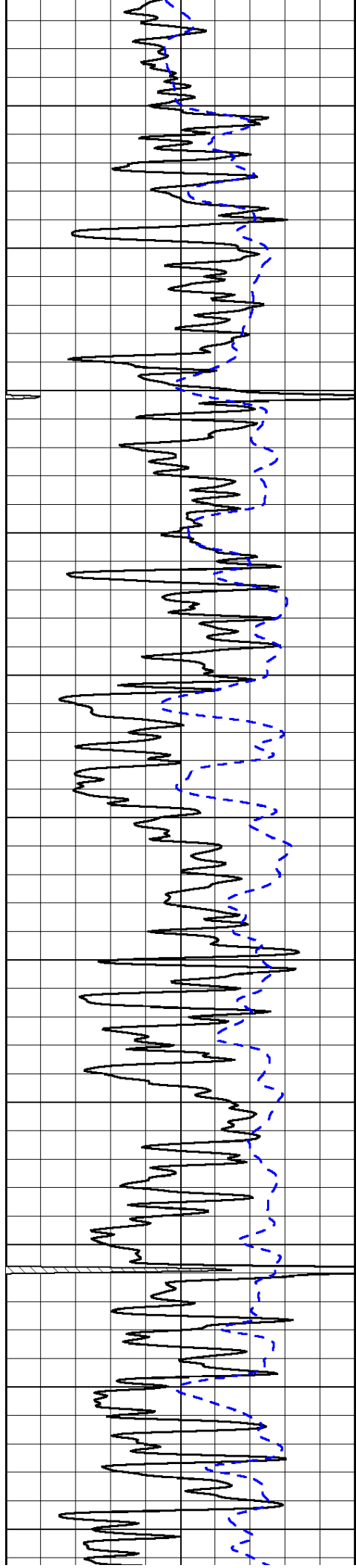


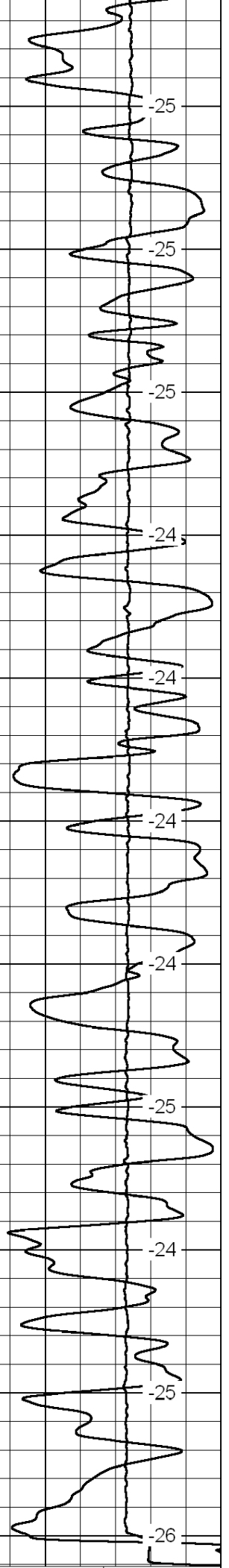
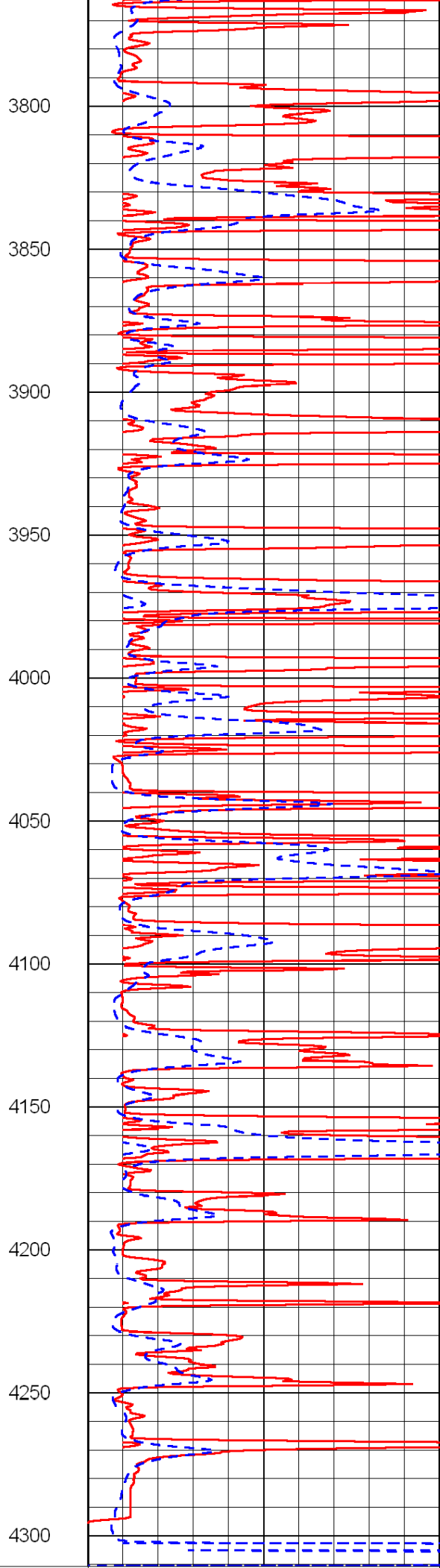
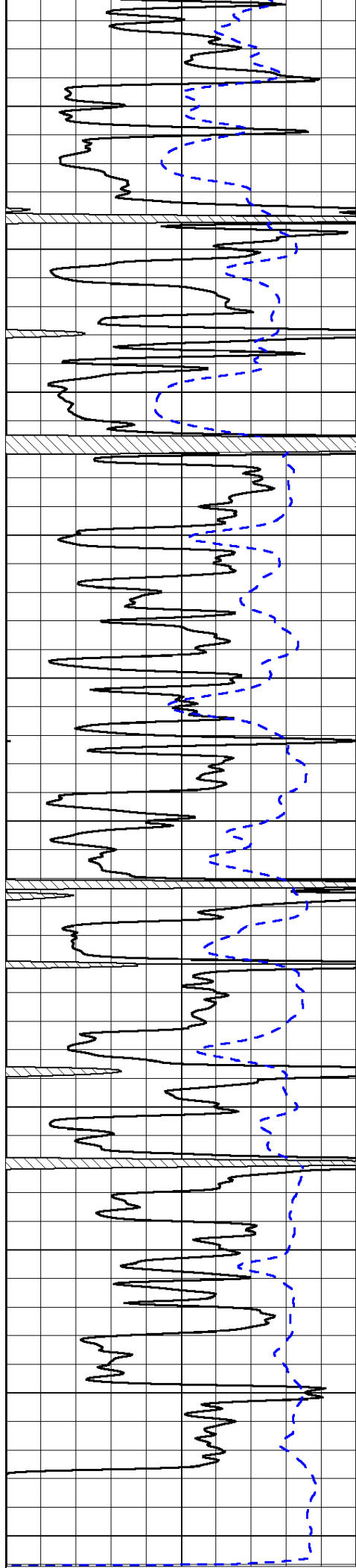












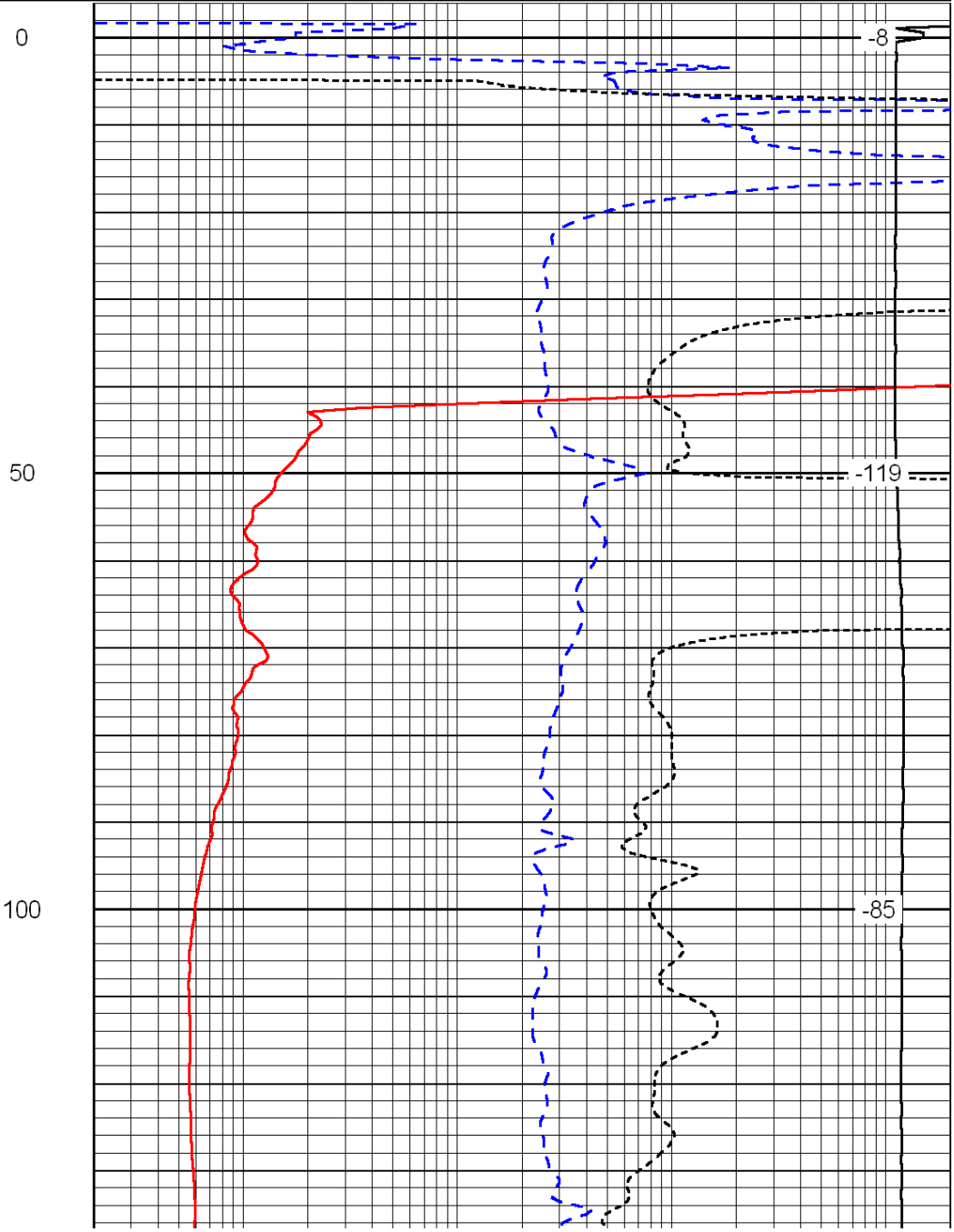
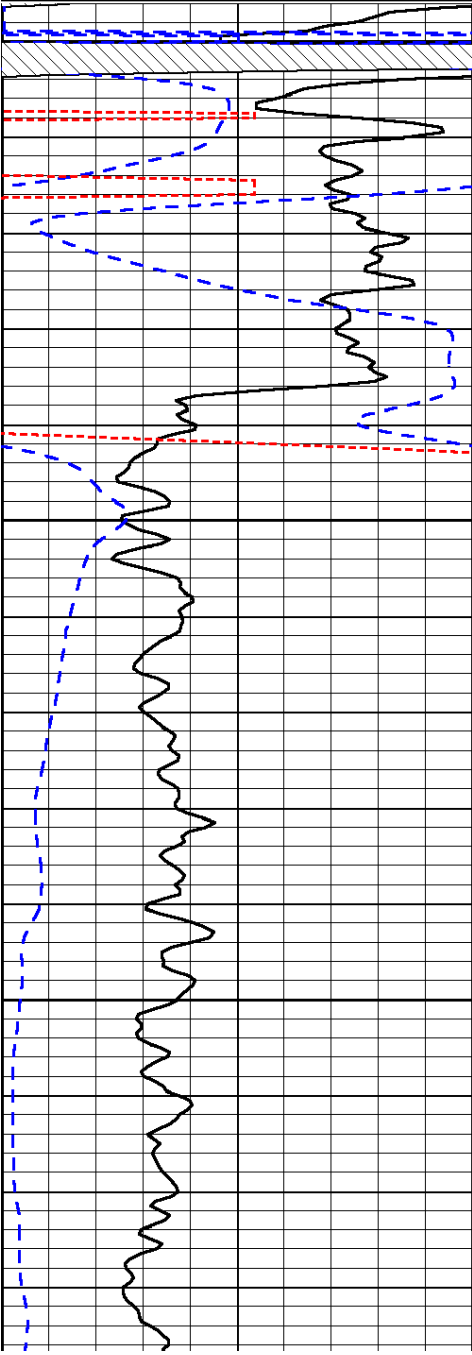
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-200	SP (mV)	0

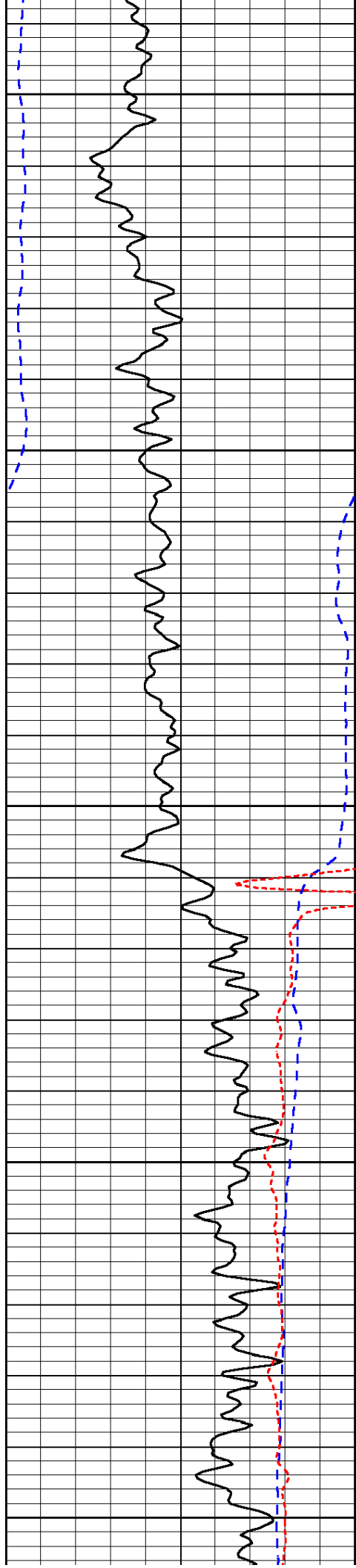
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

Database File:	c:\warrior\data\murfin_cheney trust 'a' no. 3-25\murfn082710hd.db
Dataset Pathname:	dil\murf2in
Presentation Format:	dil
Dataset Creation:	Fri Aug 27 12:32:12 2010
Charted by:	Depth in Feet scaled 1:240

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

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





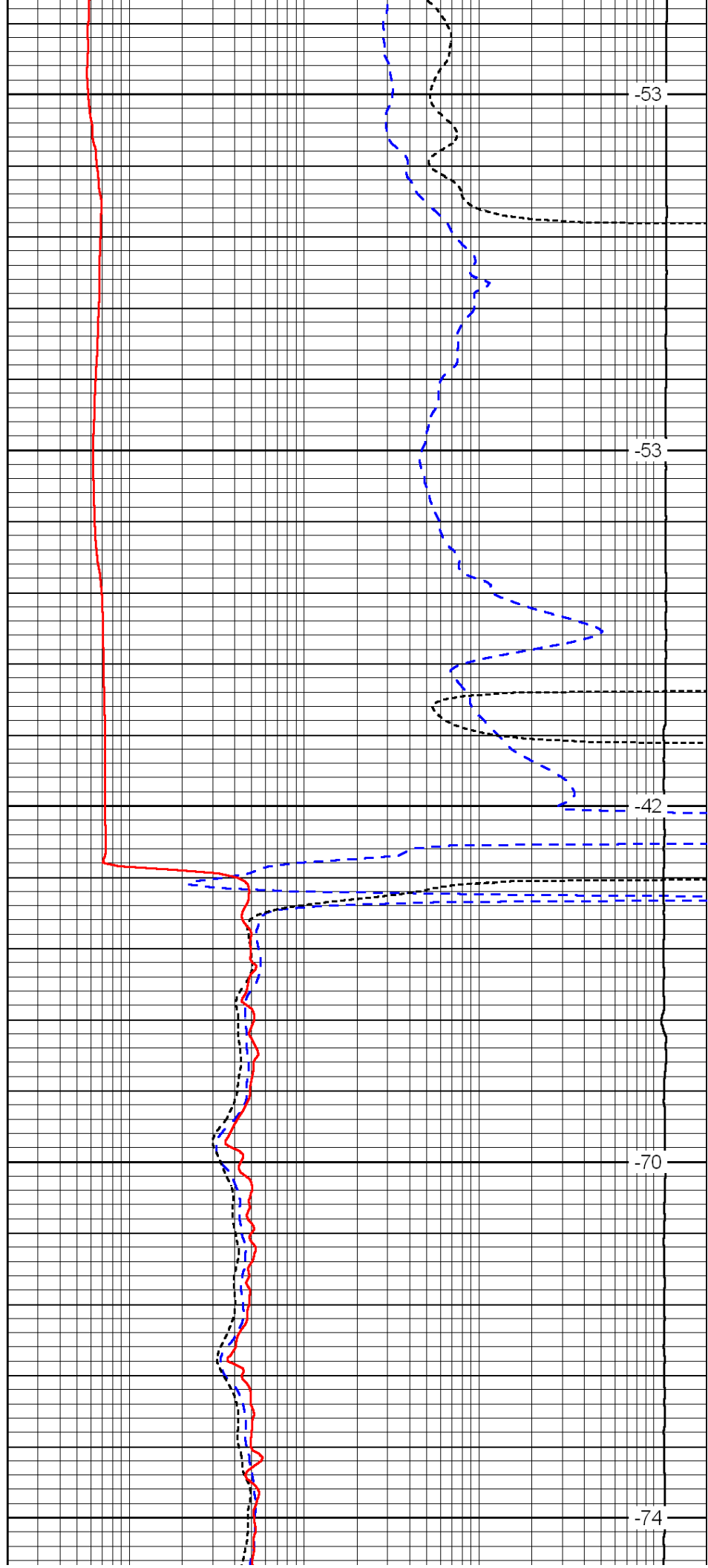
150

200

250

300

350



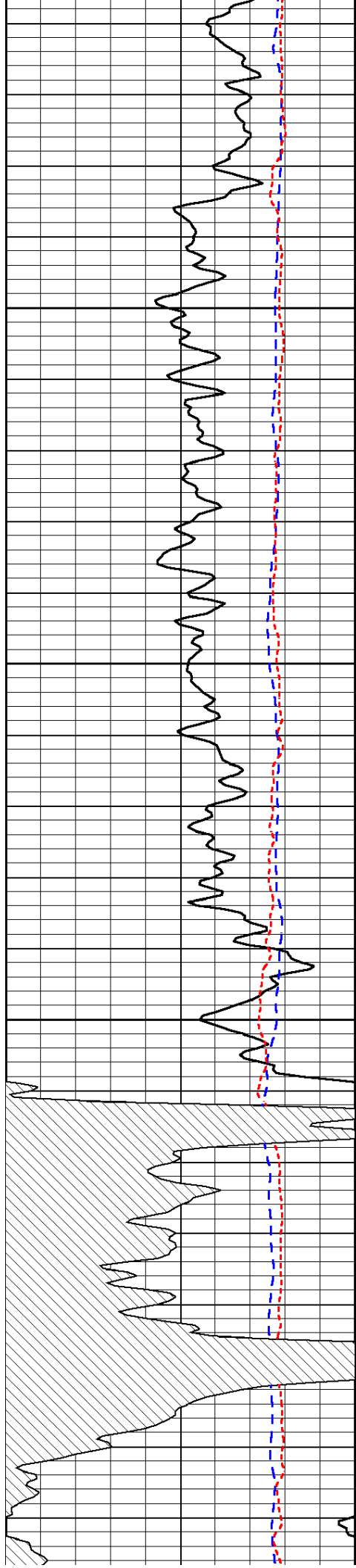
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-53

-42

-70

-74

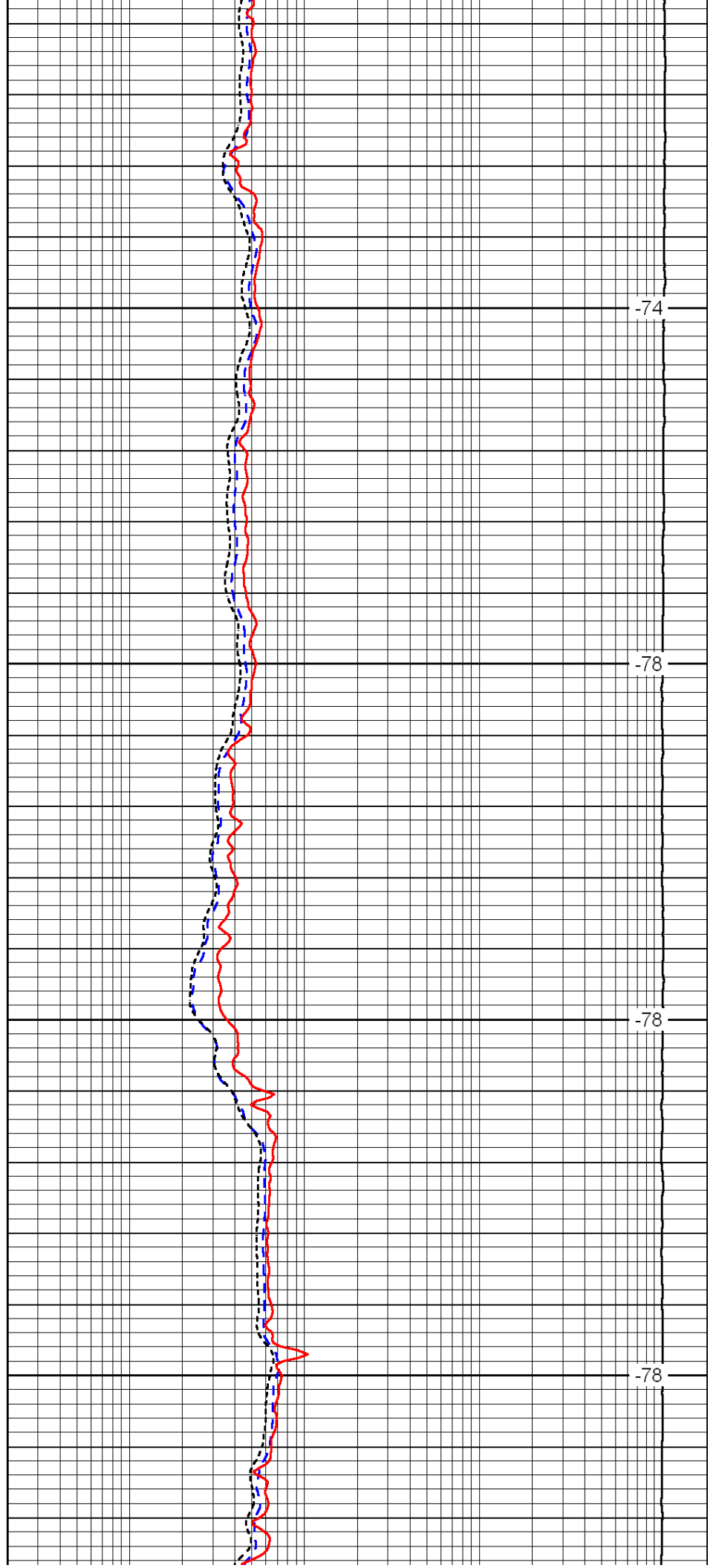


400

450

500

550

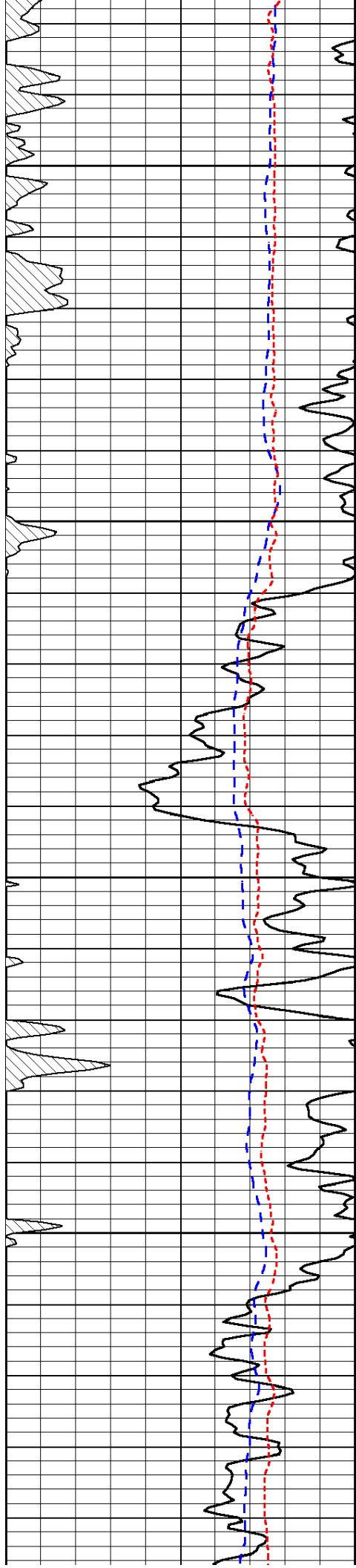


-74

-78

-78

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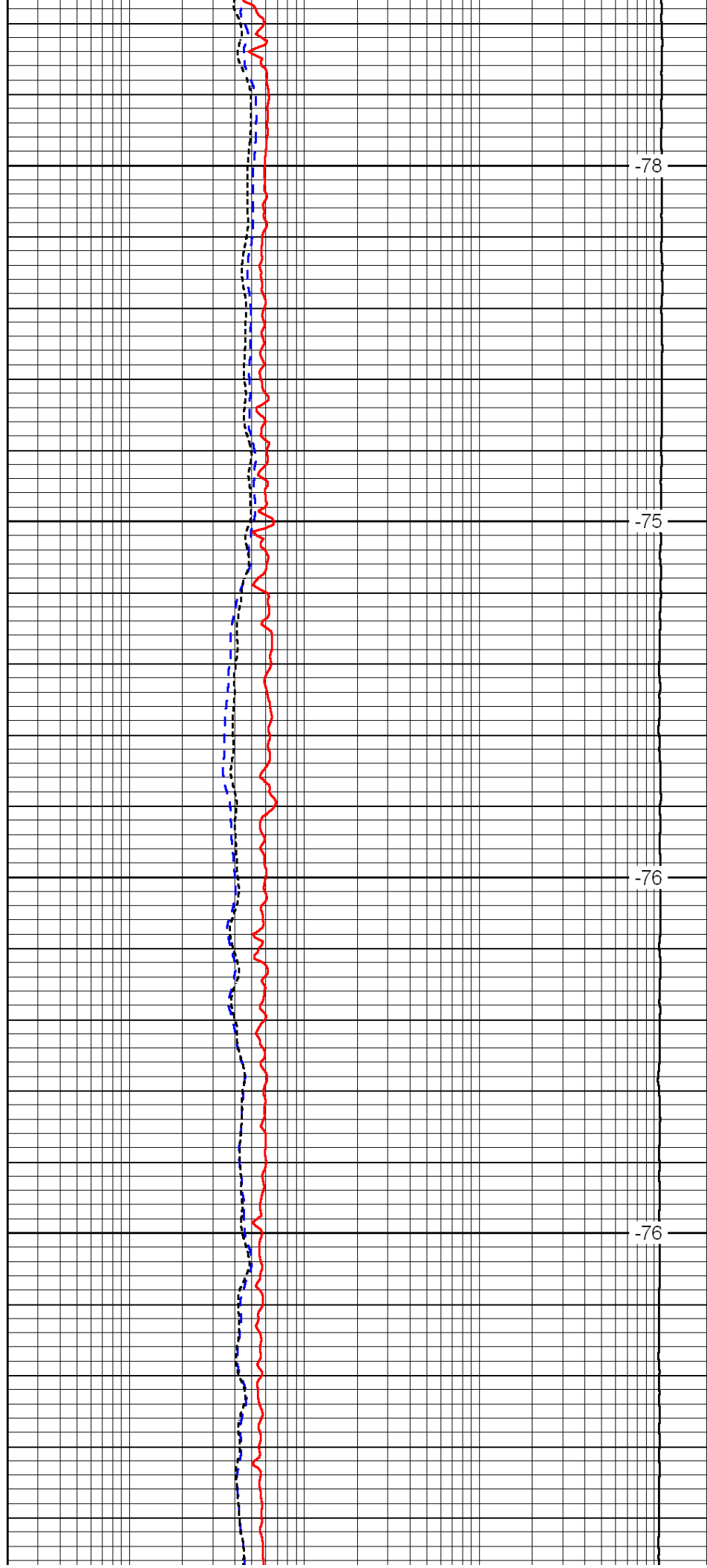


600

650

700

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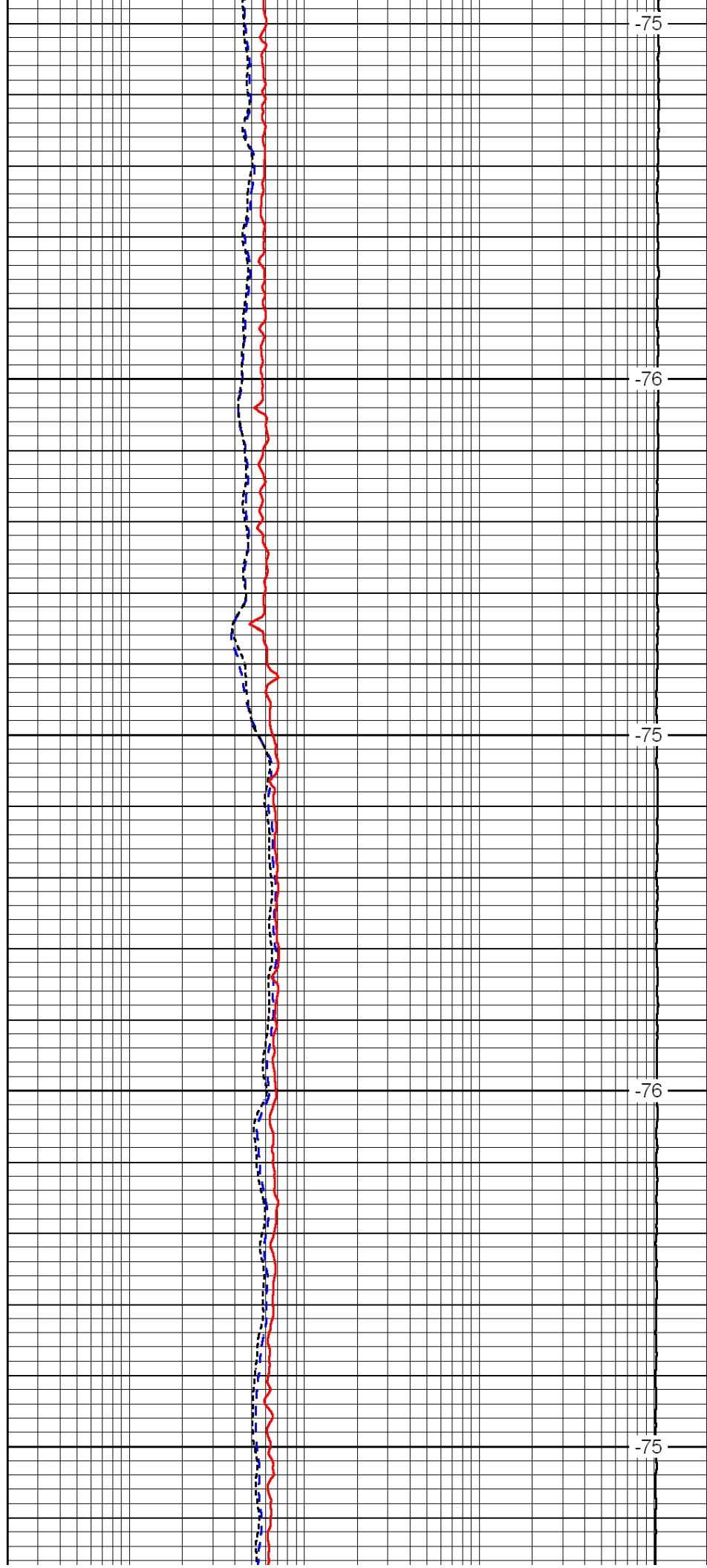
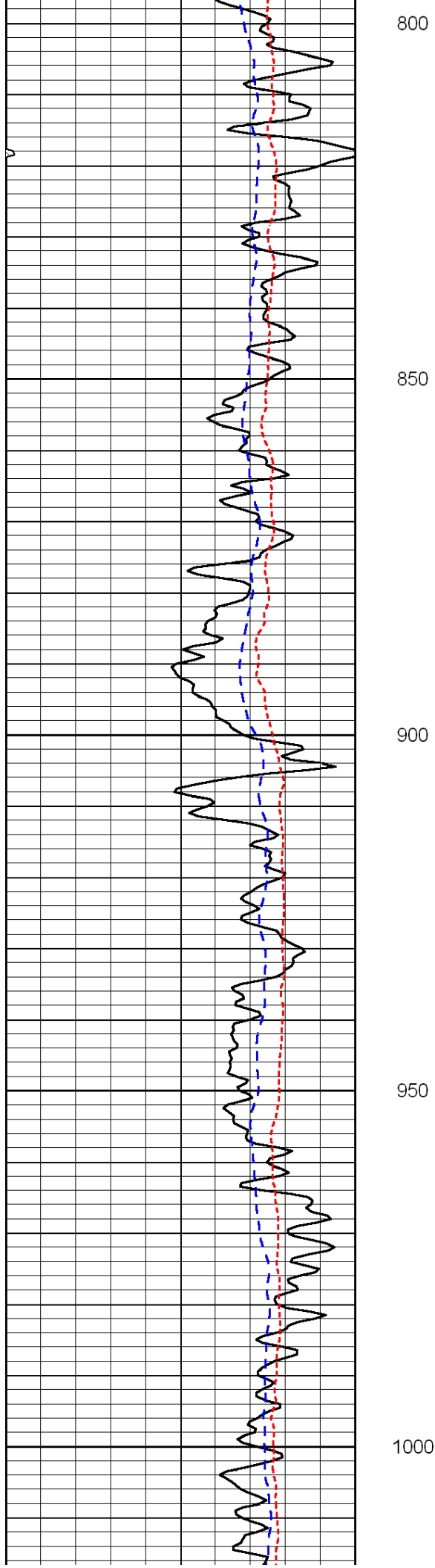


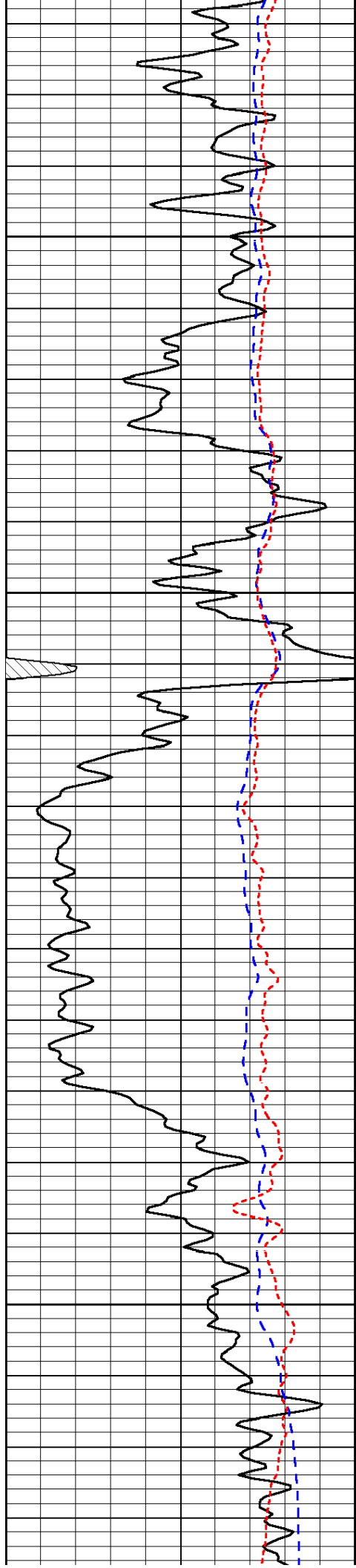
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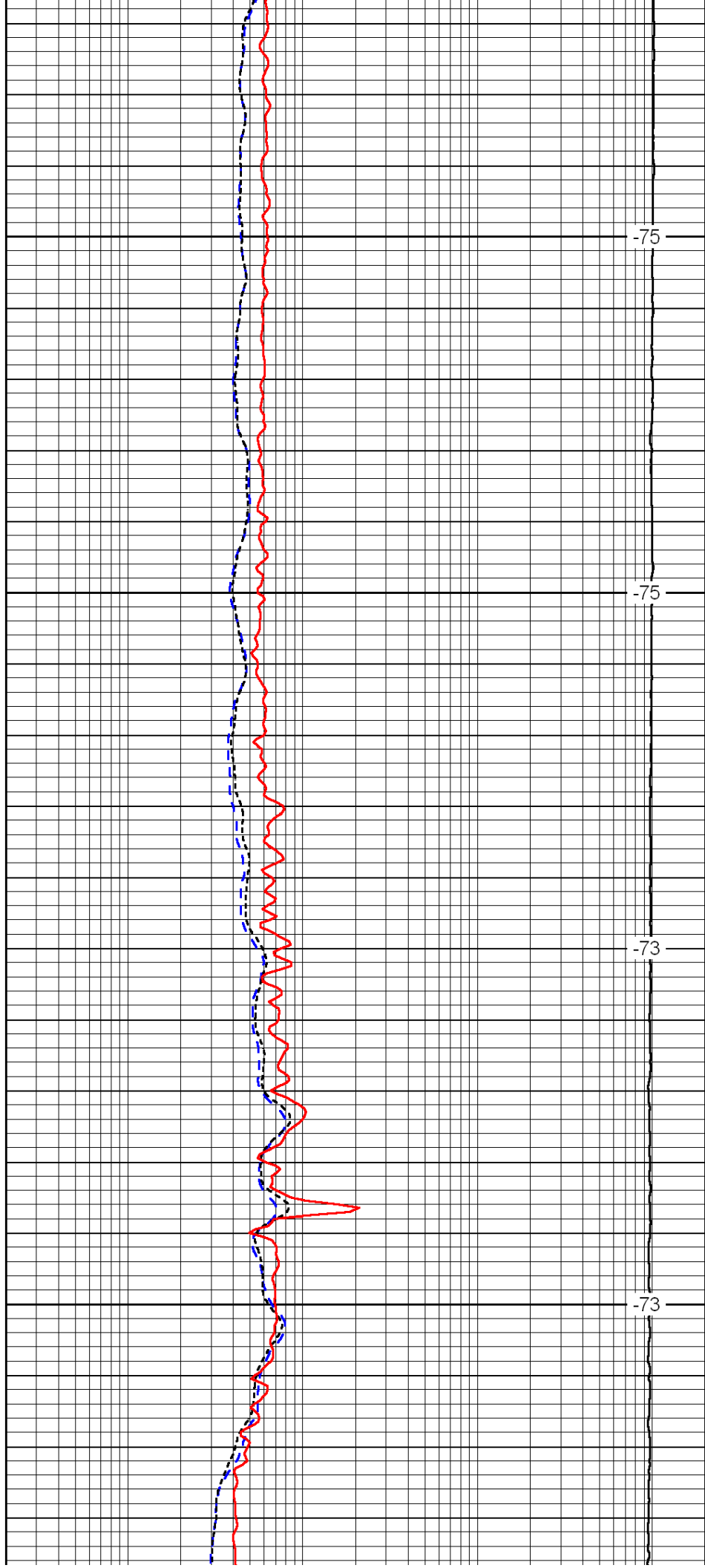


1050

1100

1150

1200

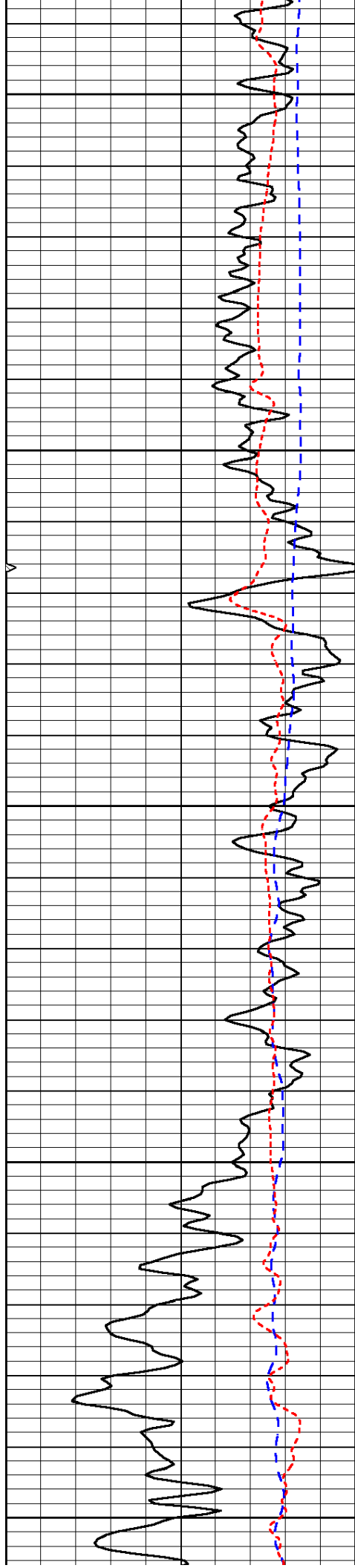


-75

-75

-73

-73



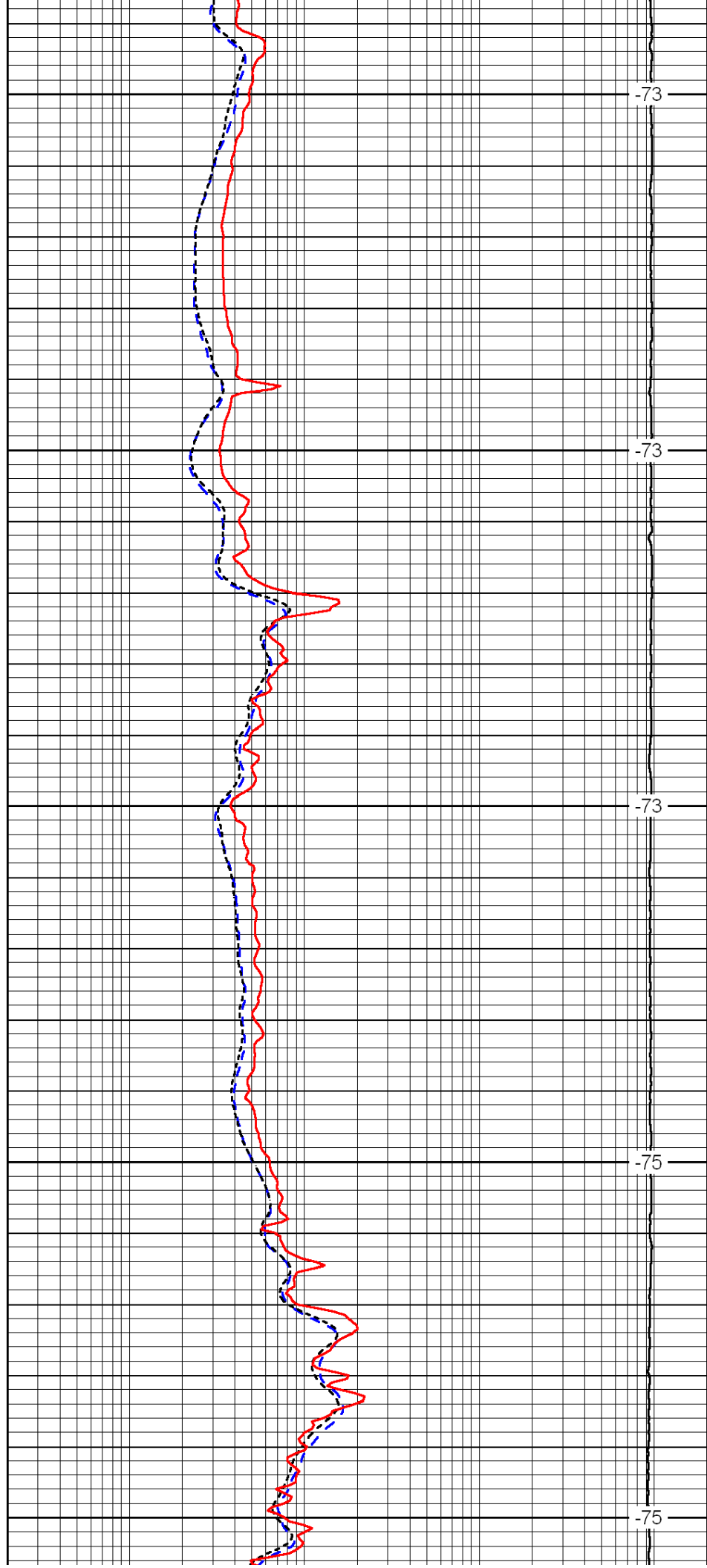
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1300

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1400

1450



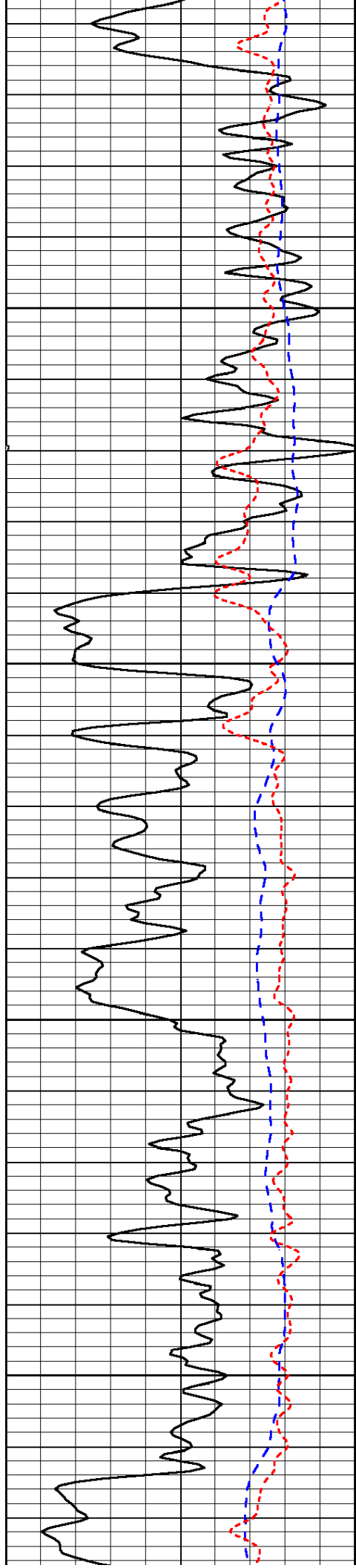
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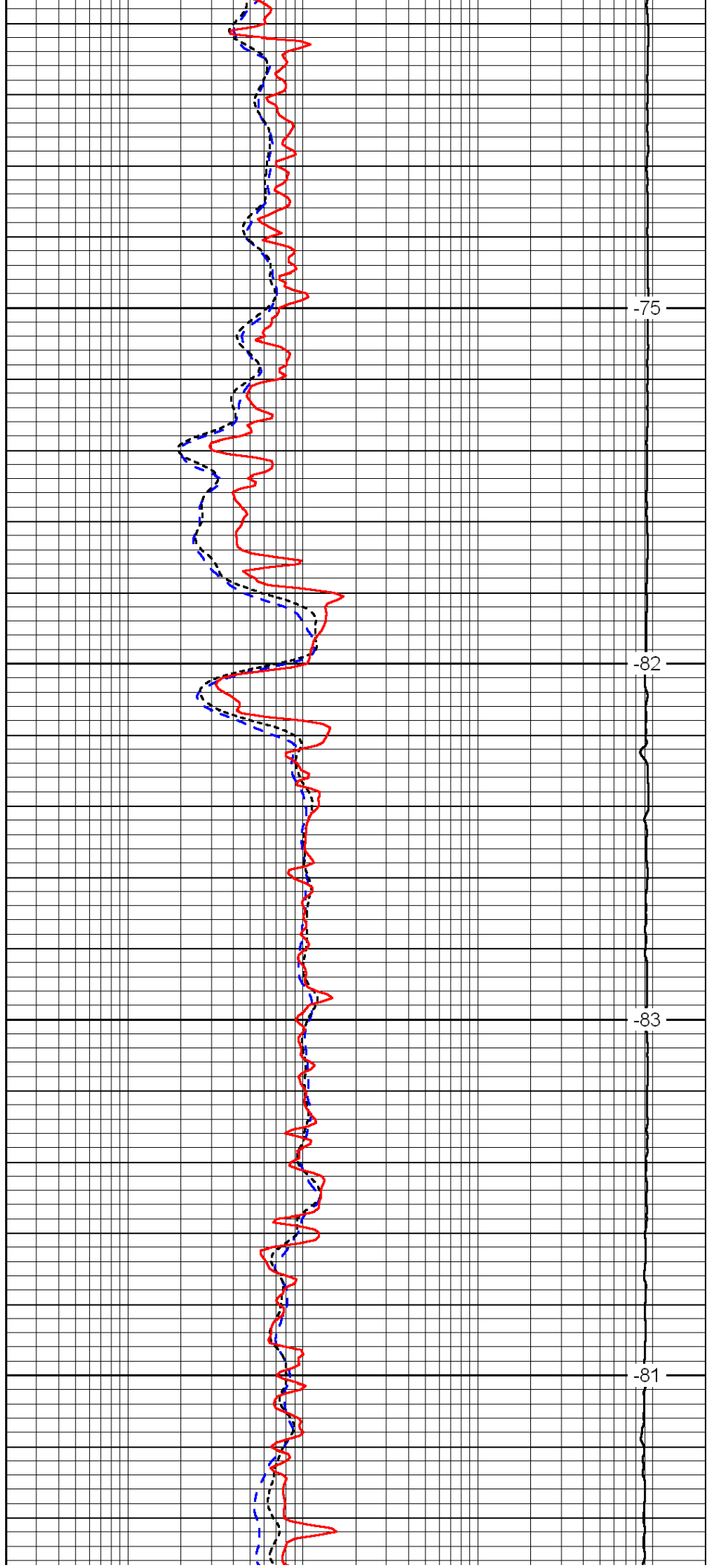


1500

1550

1600

1650

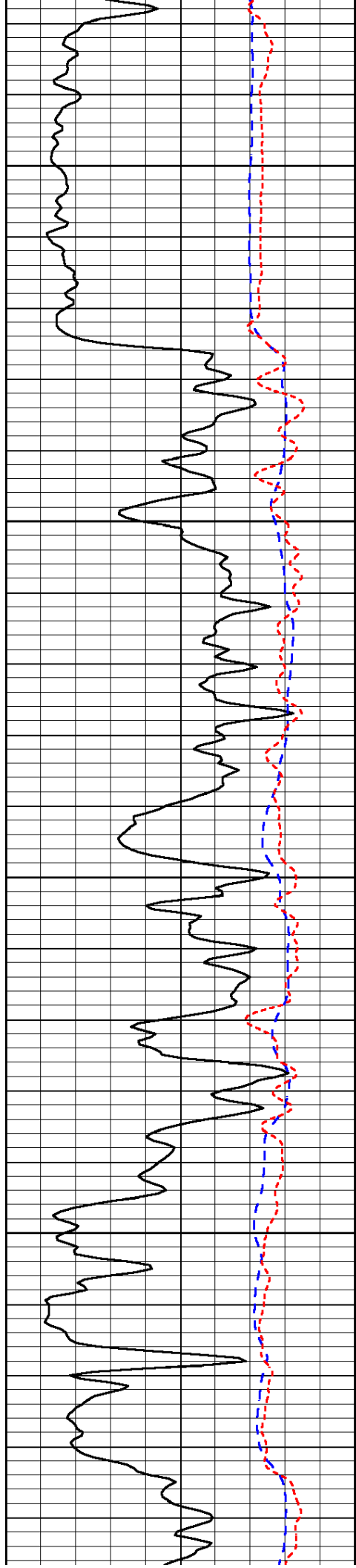


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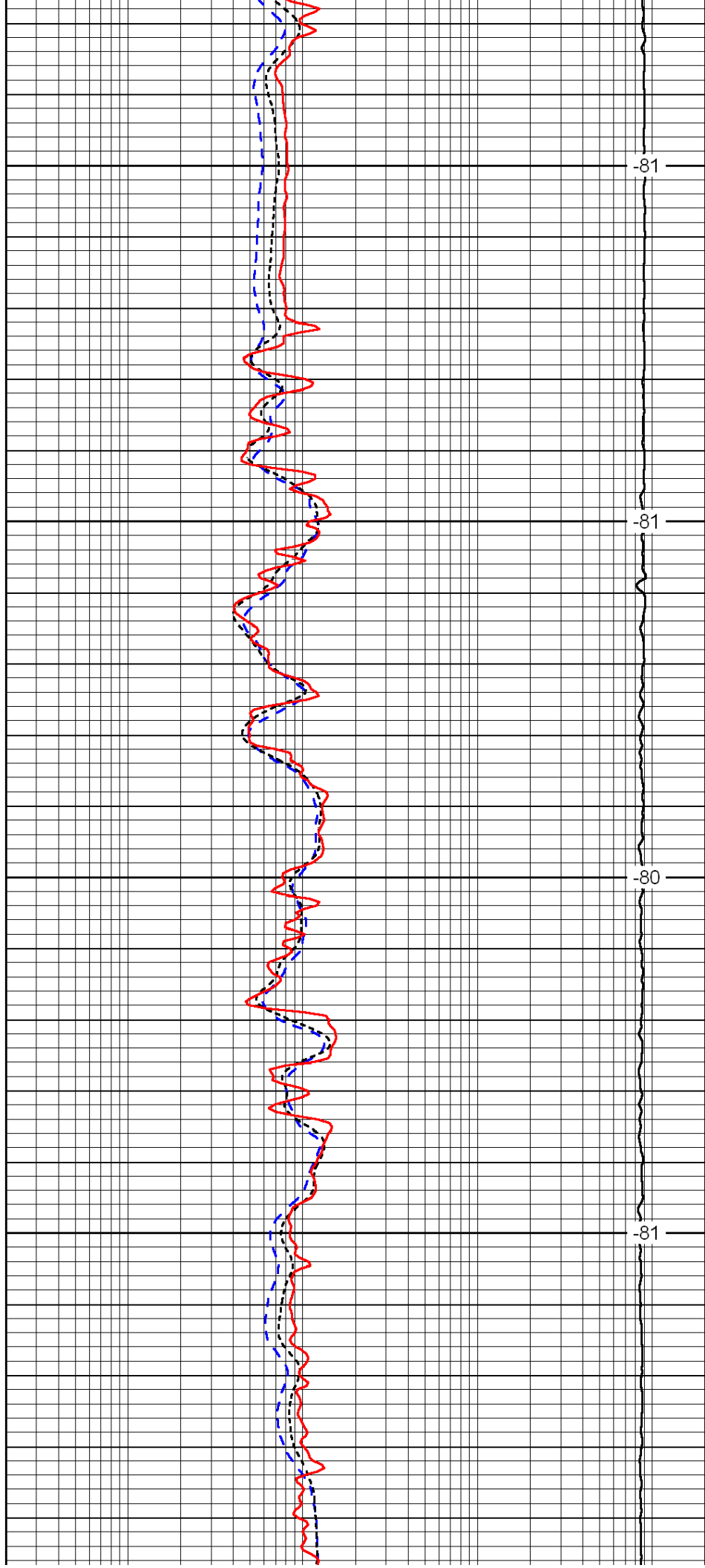


1700

1750

1800

1850

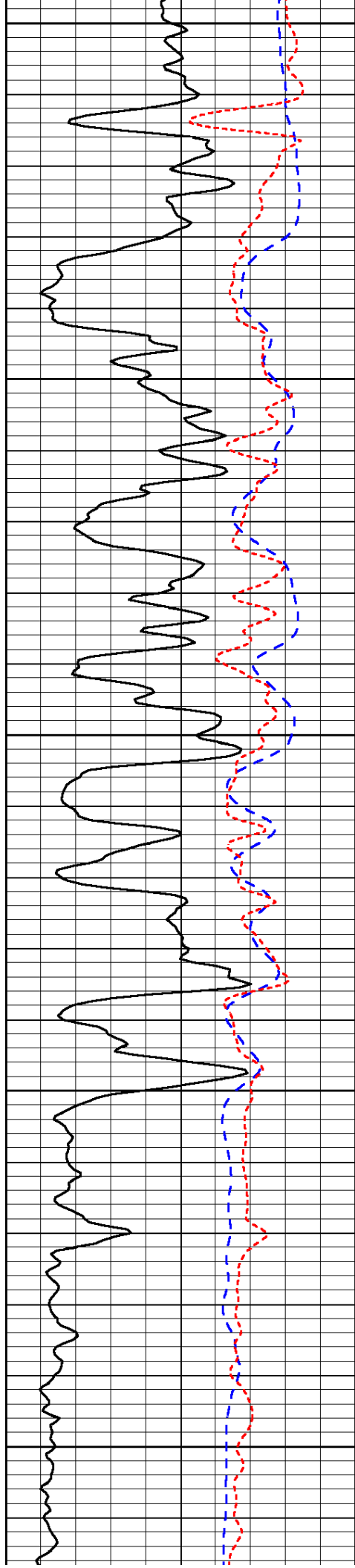


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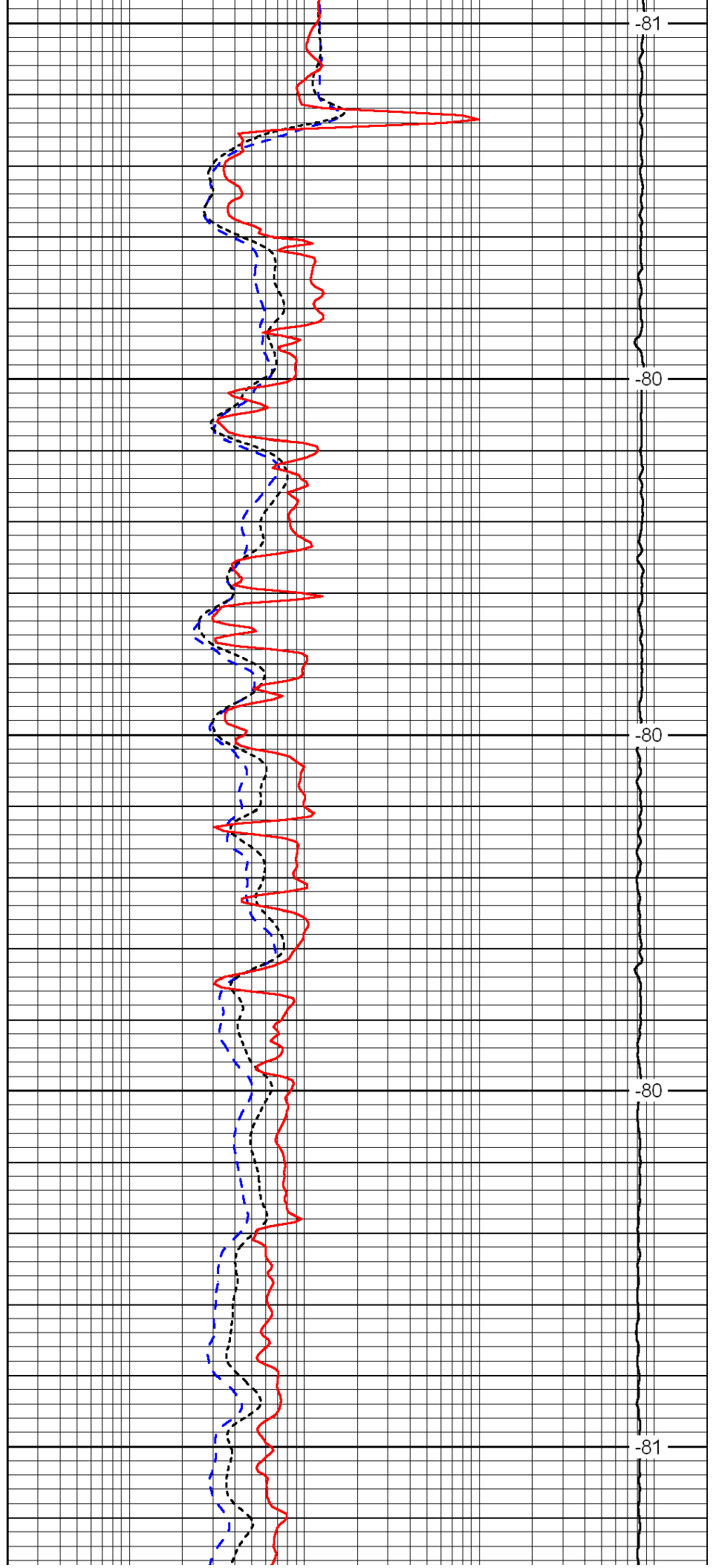
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1950

2000

2050

2100



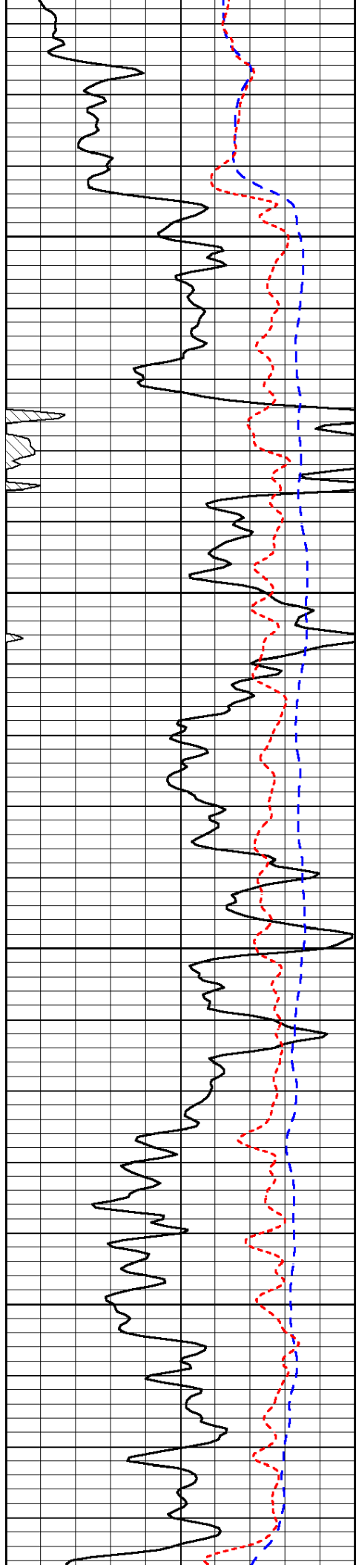
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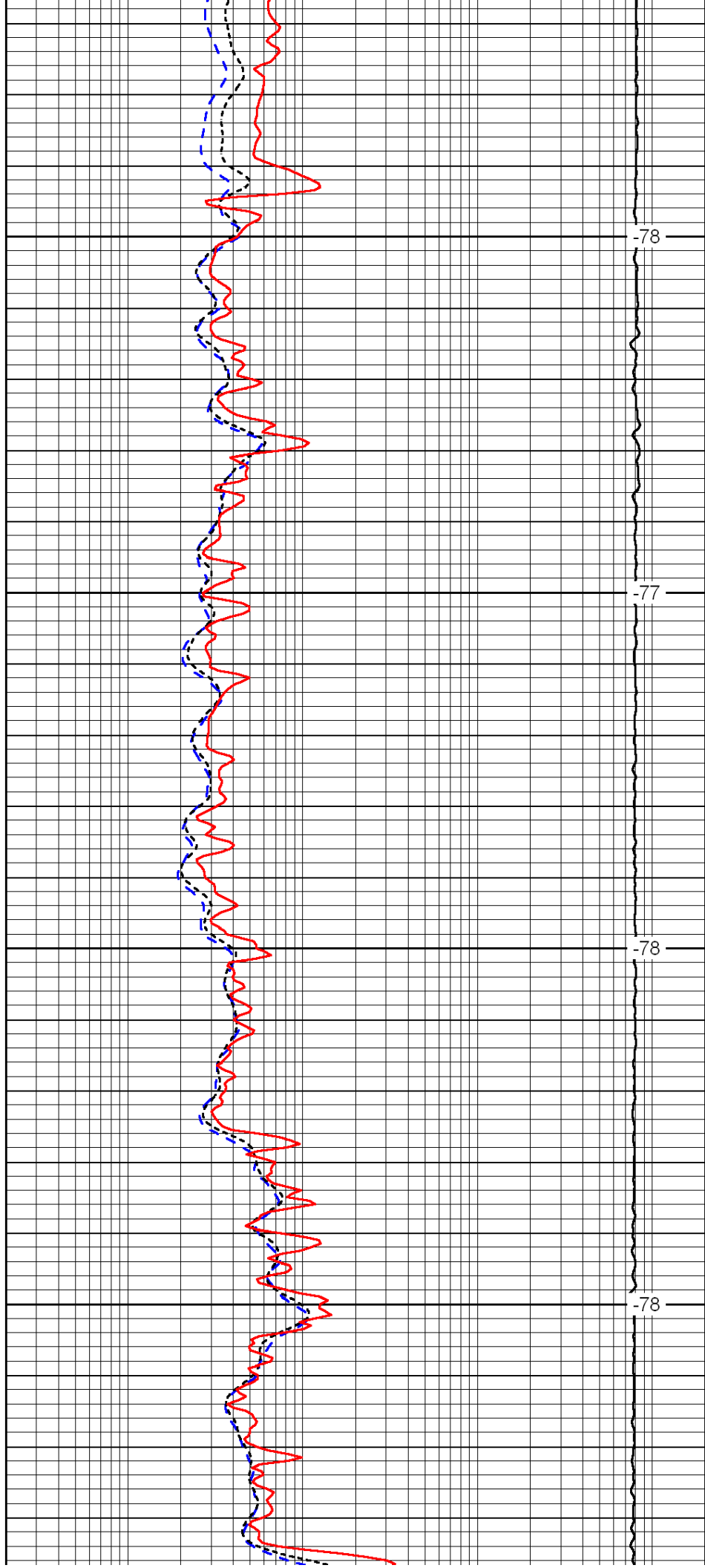


2150

2200

2250

2300

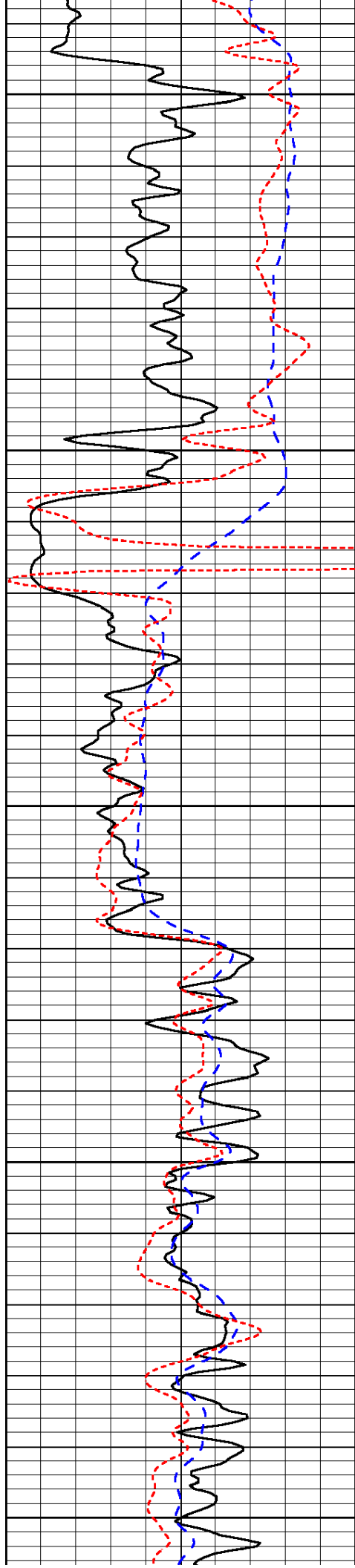


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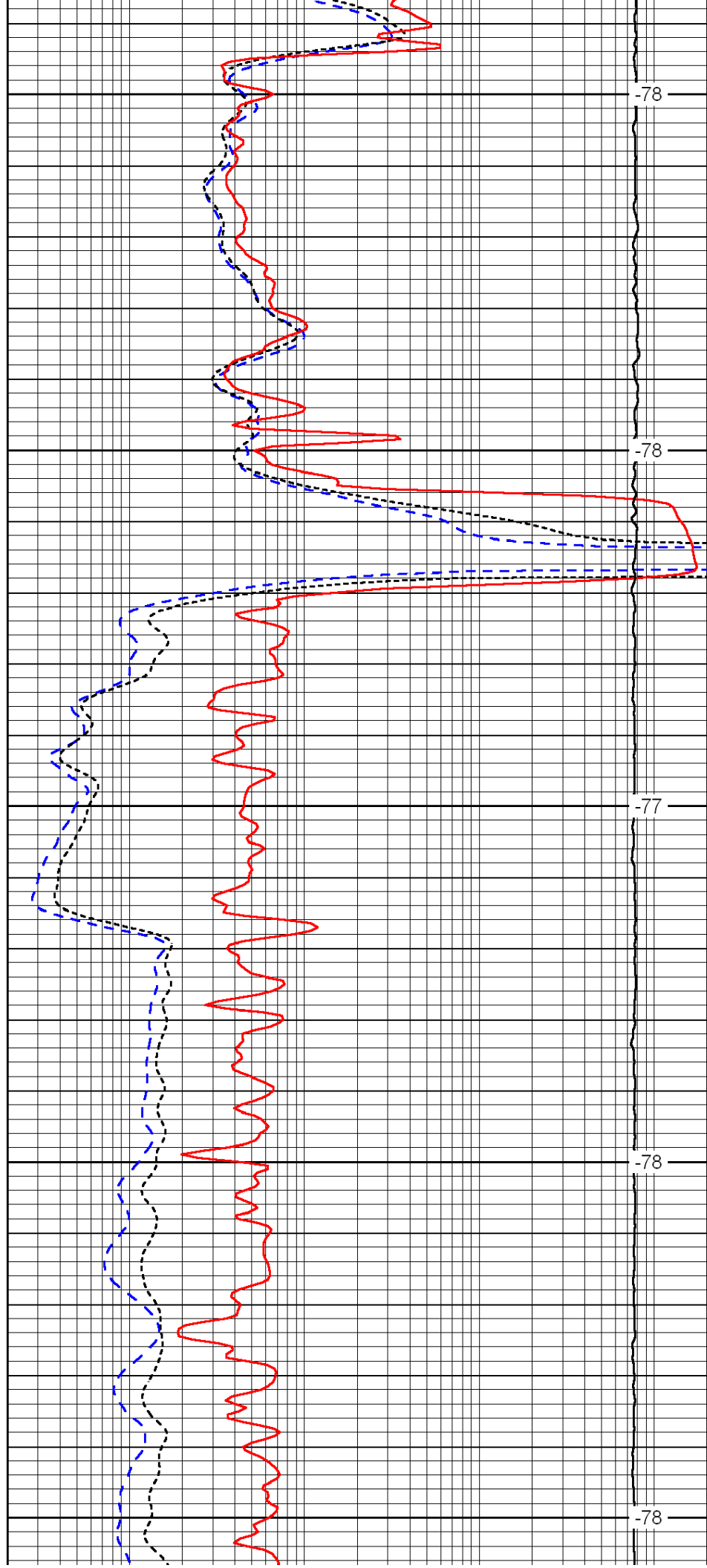
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2400

2450

2500

2550



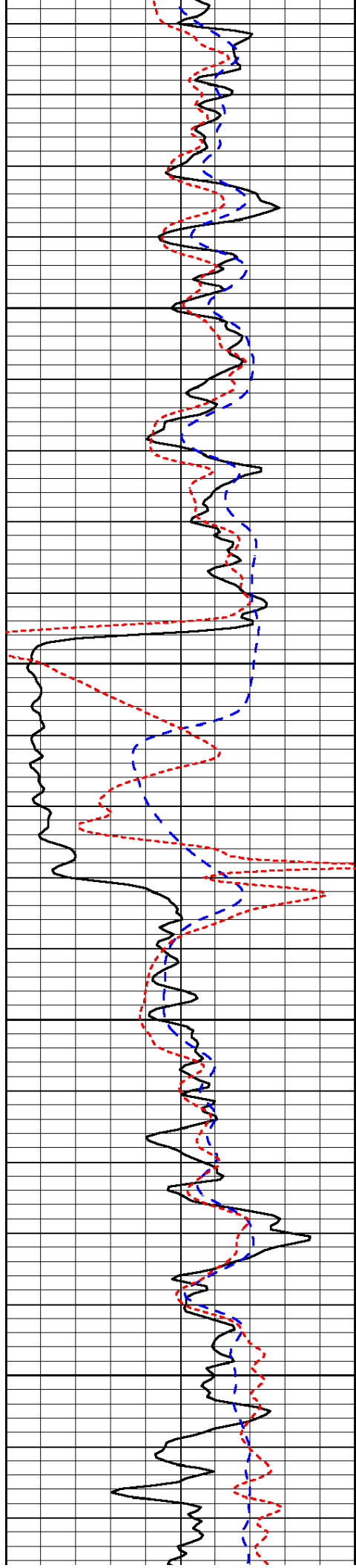
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-77

-78

-78

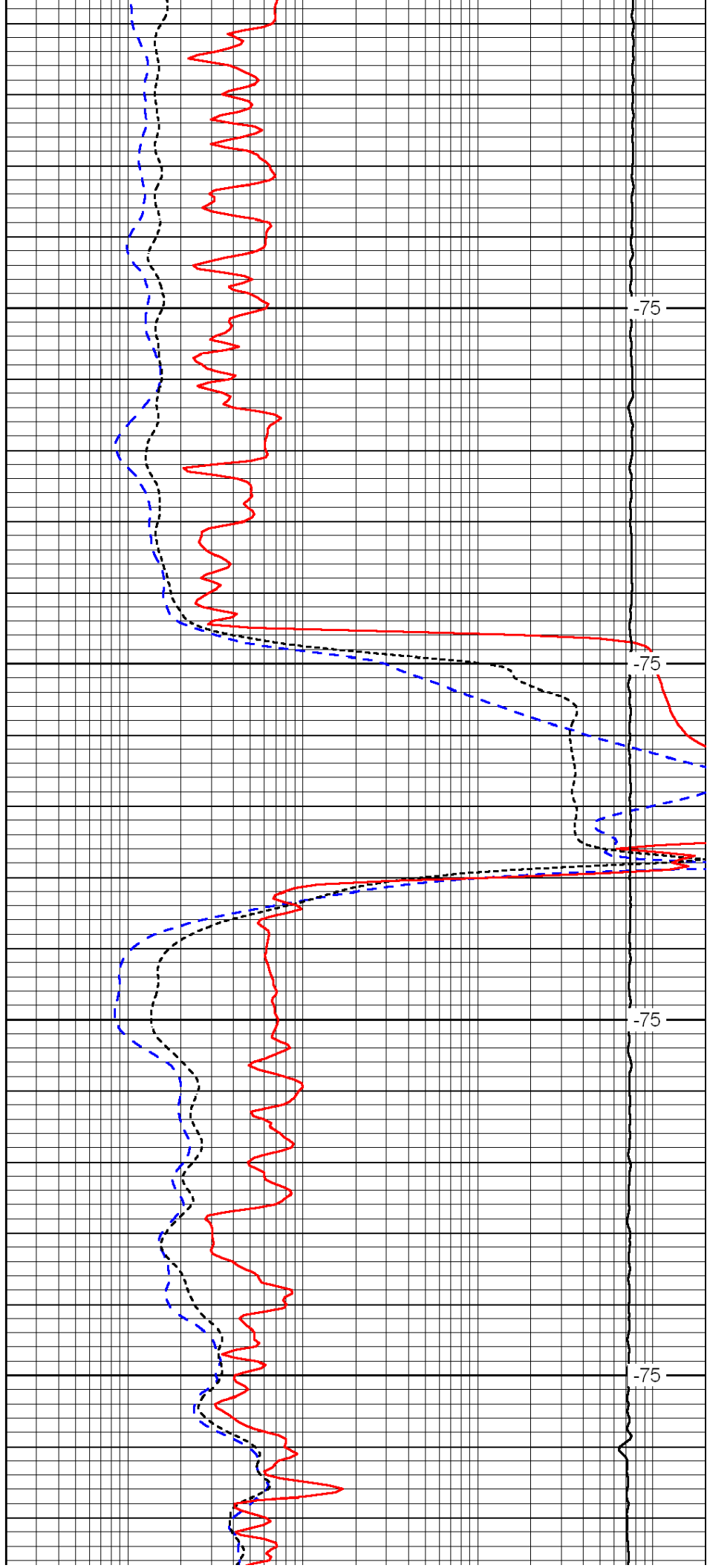


2600

2650

2700

2750

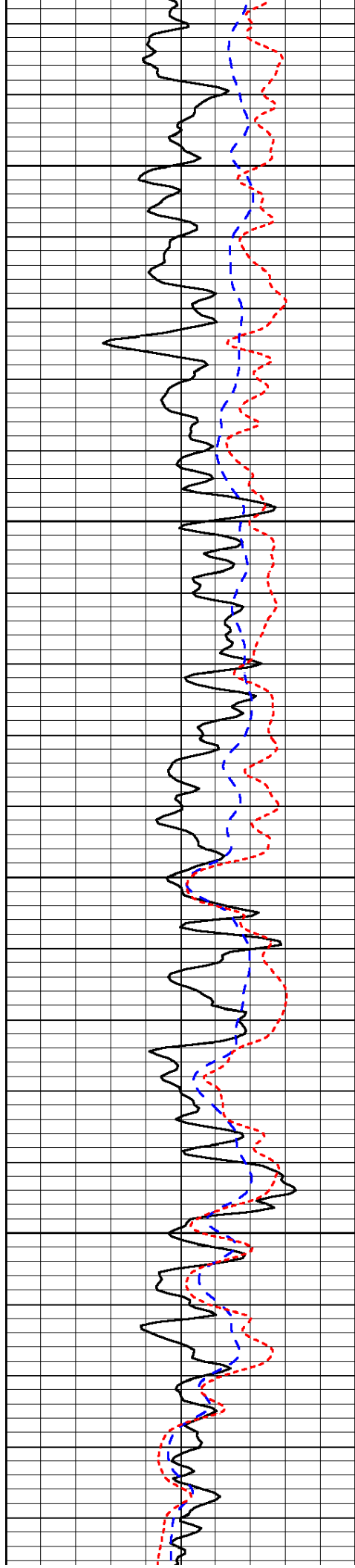


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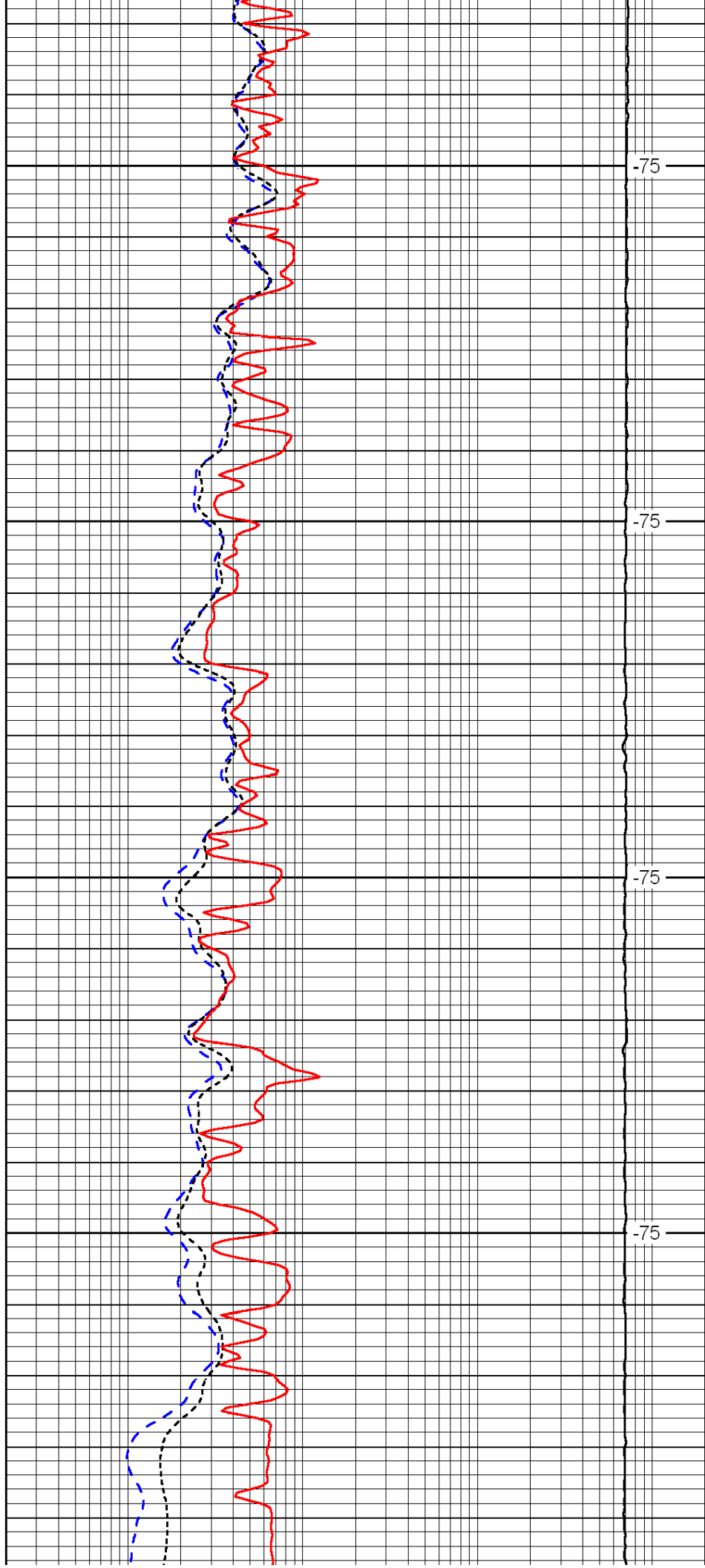


2800

2850

2900

2950

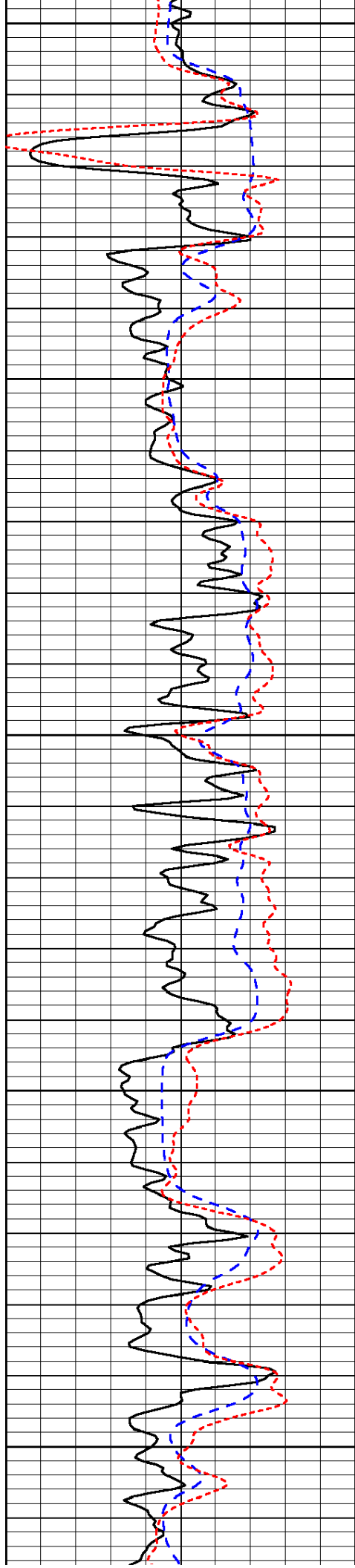


-75

-75

-75

-75



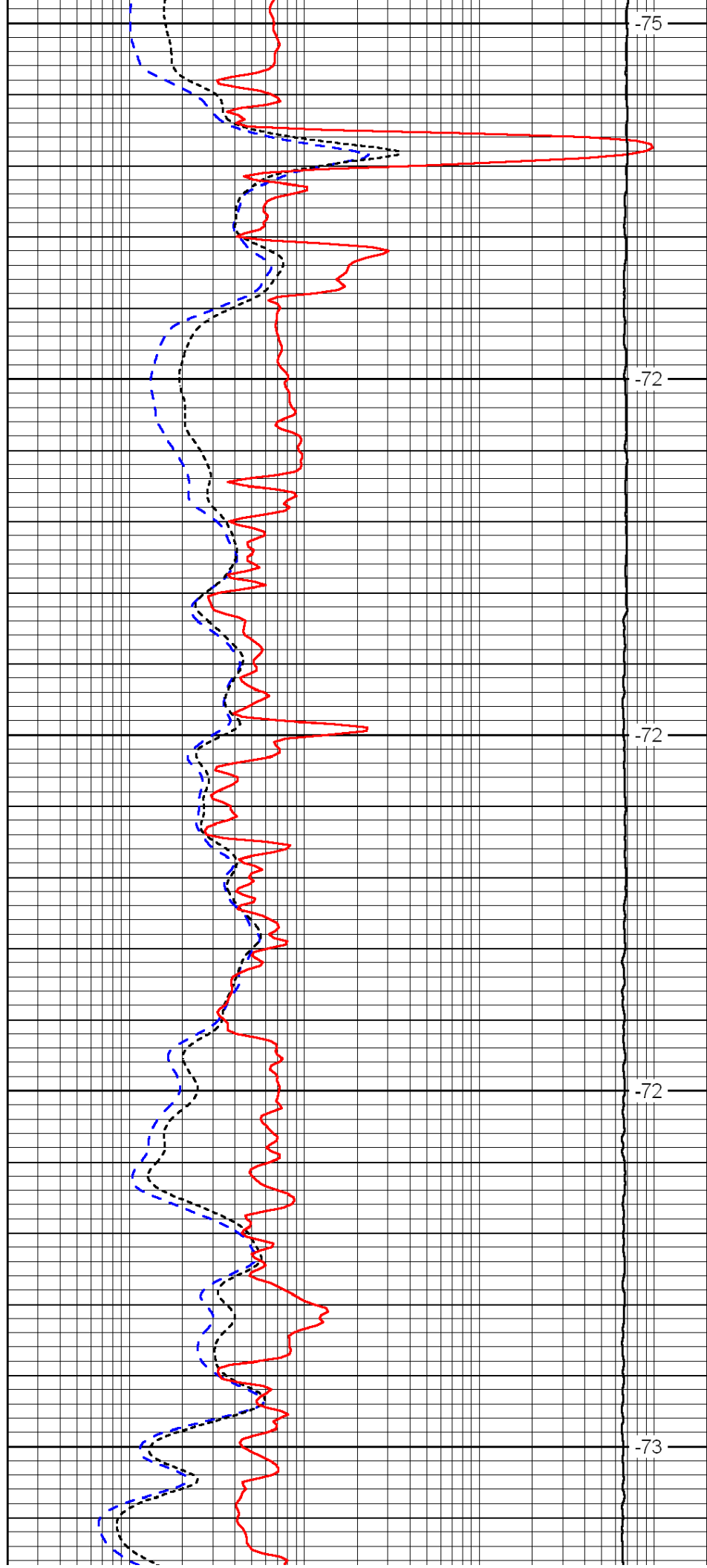
3000

3050

3100

3150

3200



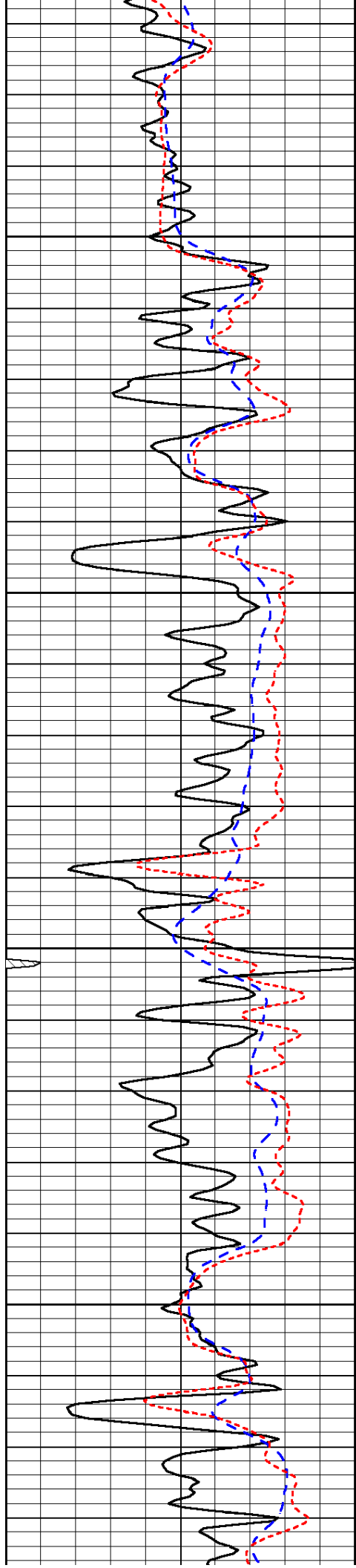
-75

-72

-72

-72

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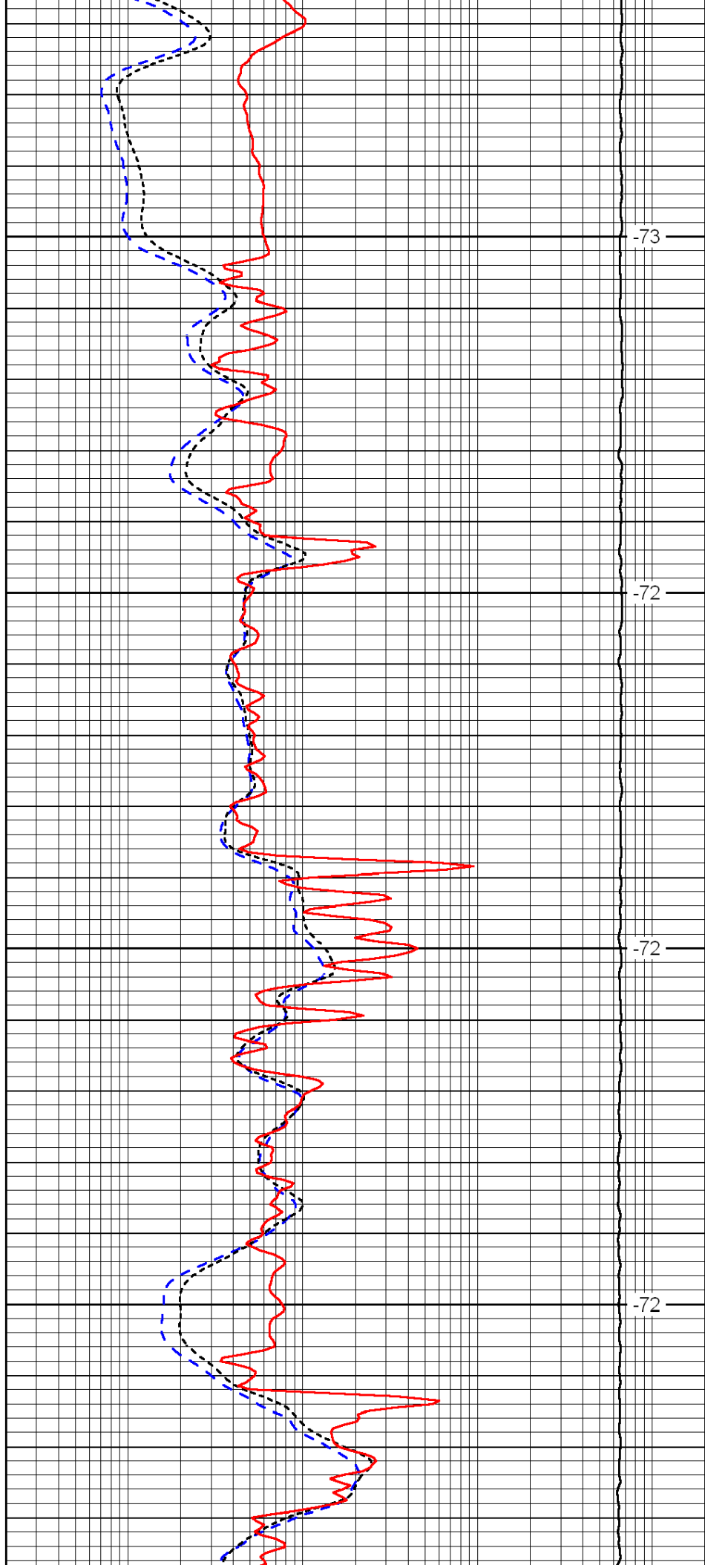


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3300

3350

3400

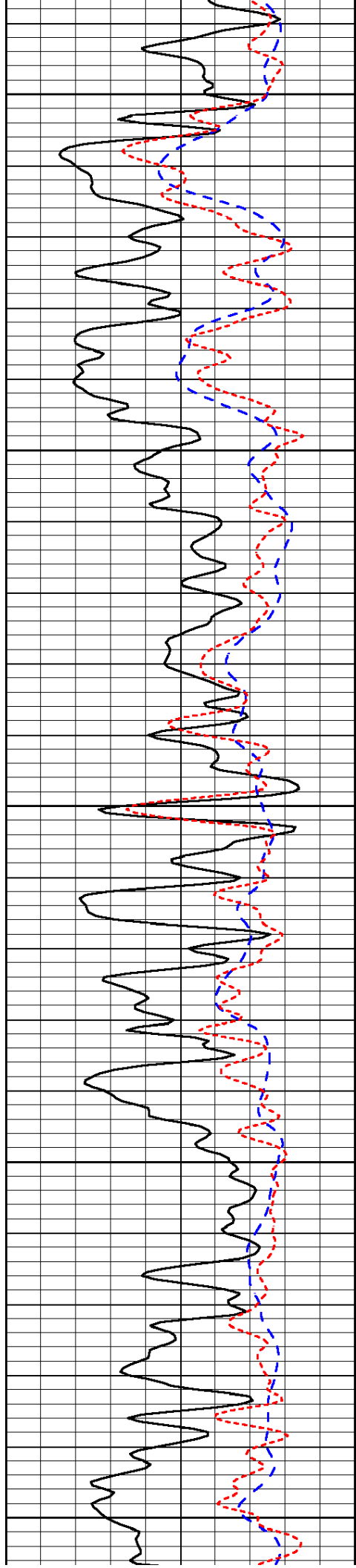


-73

-72

-72

-72



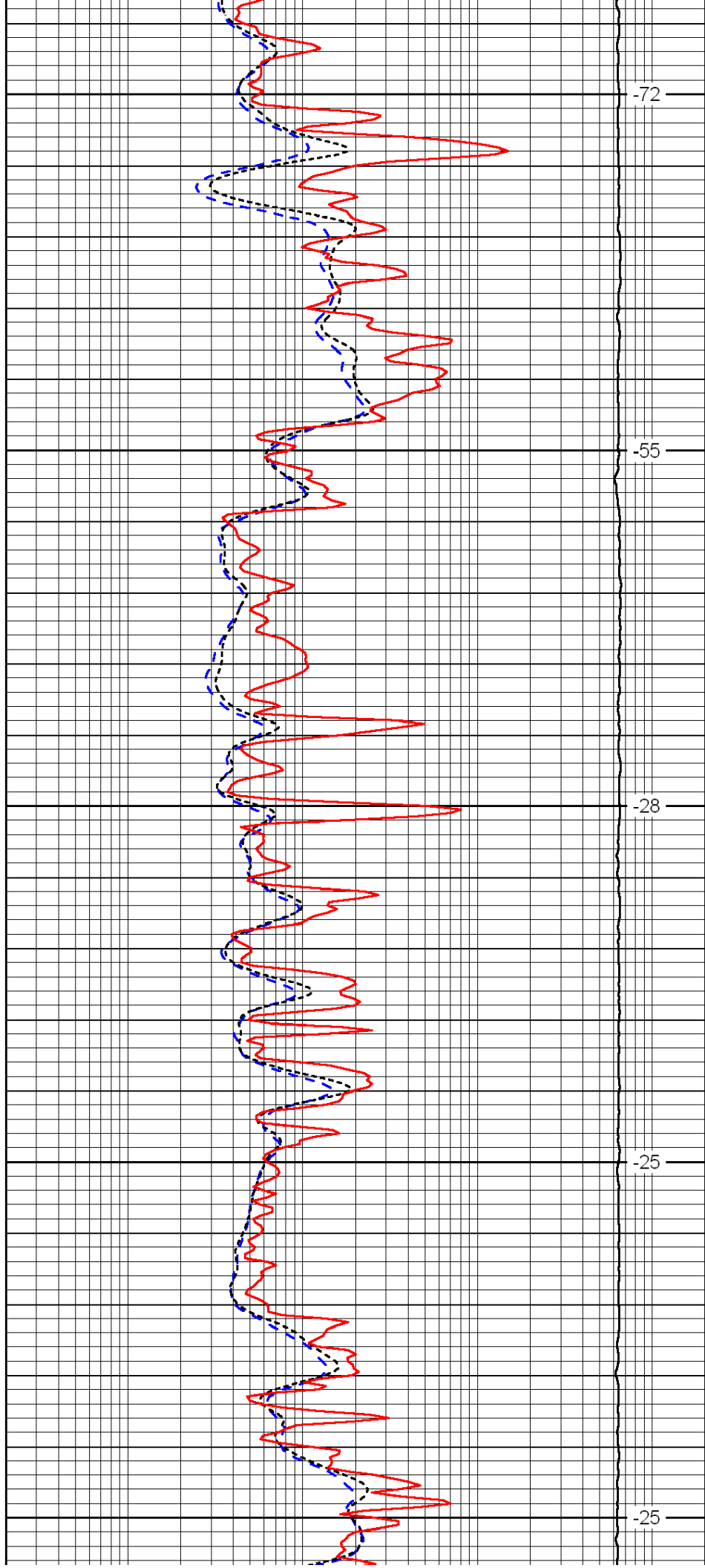
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3500

3550

3600

3650



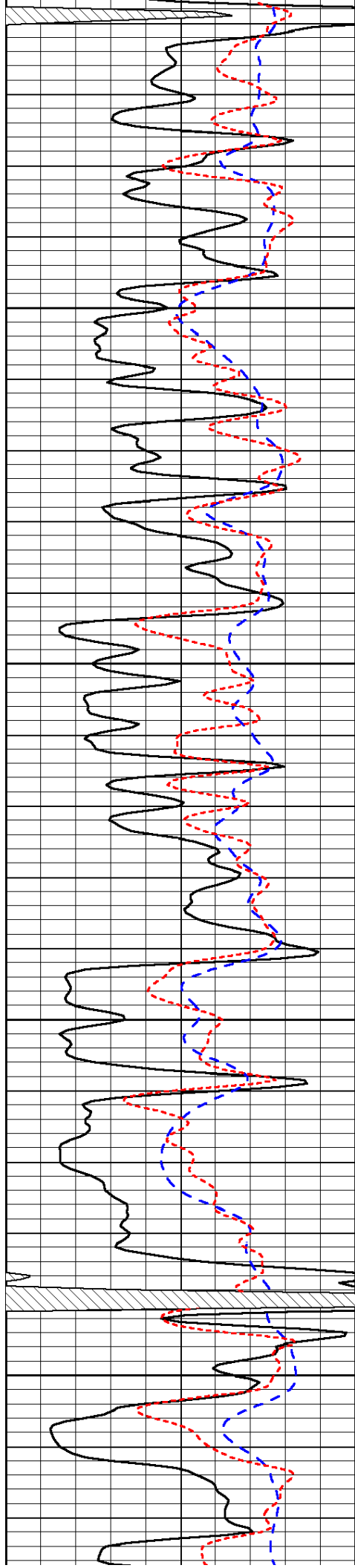
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-55

-28

-25

-25

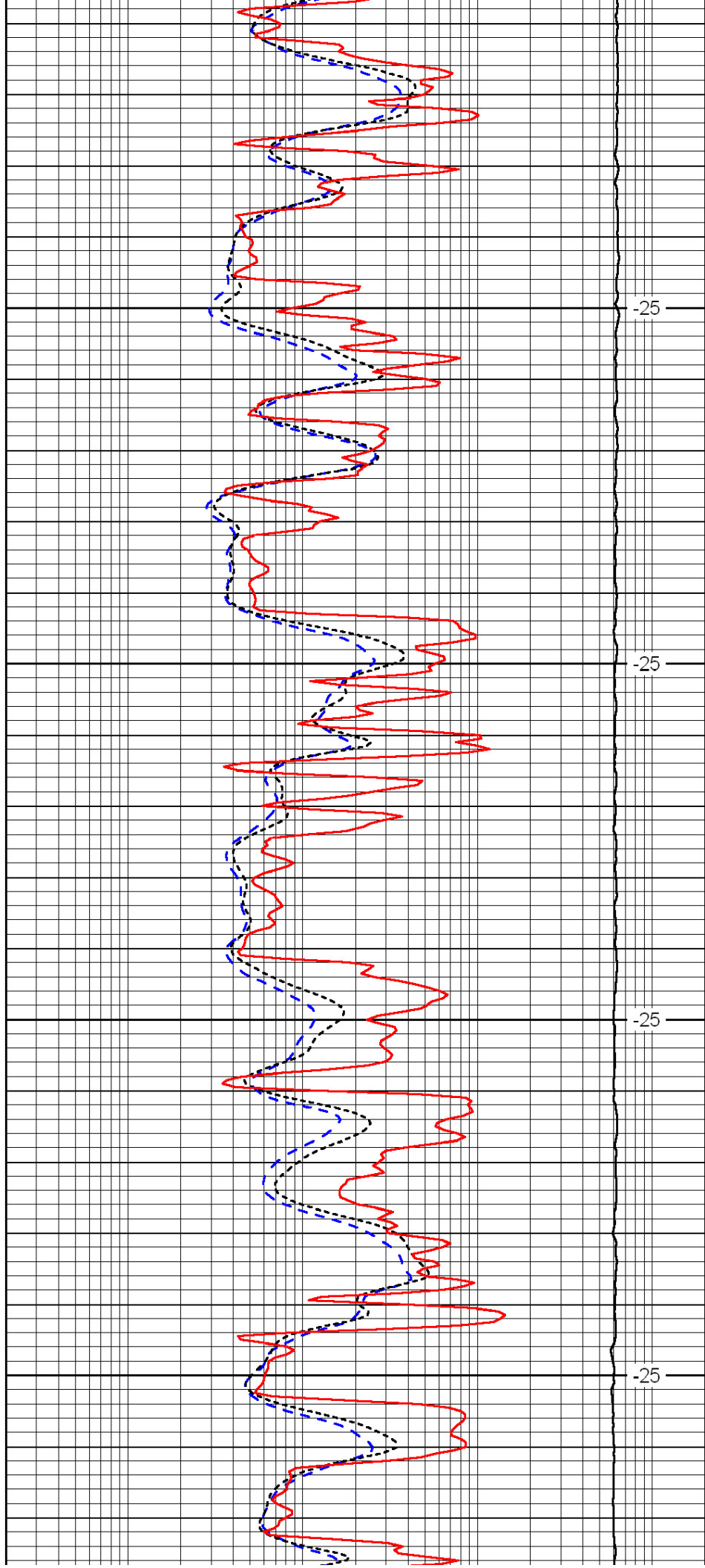


3700

3750

3800

3850

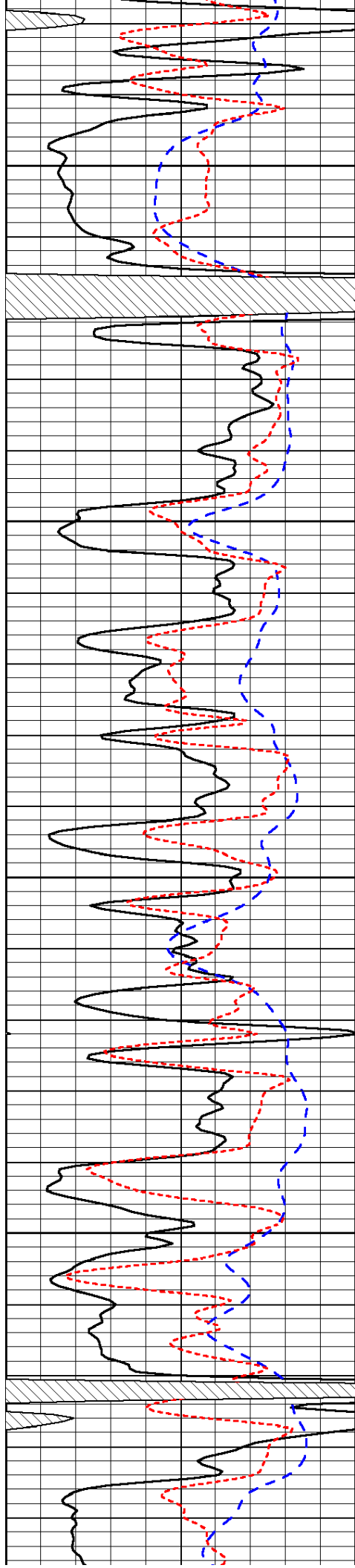


-25

-25

-25

-25

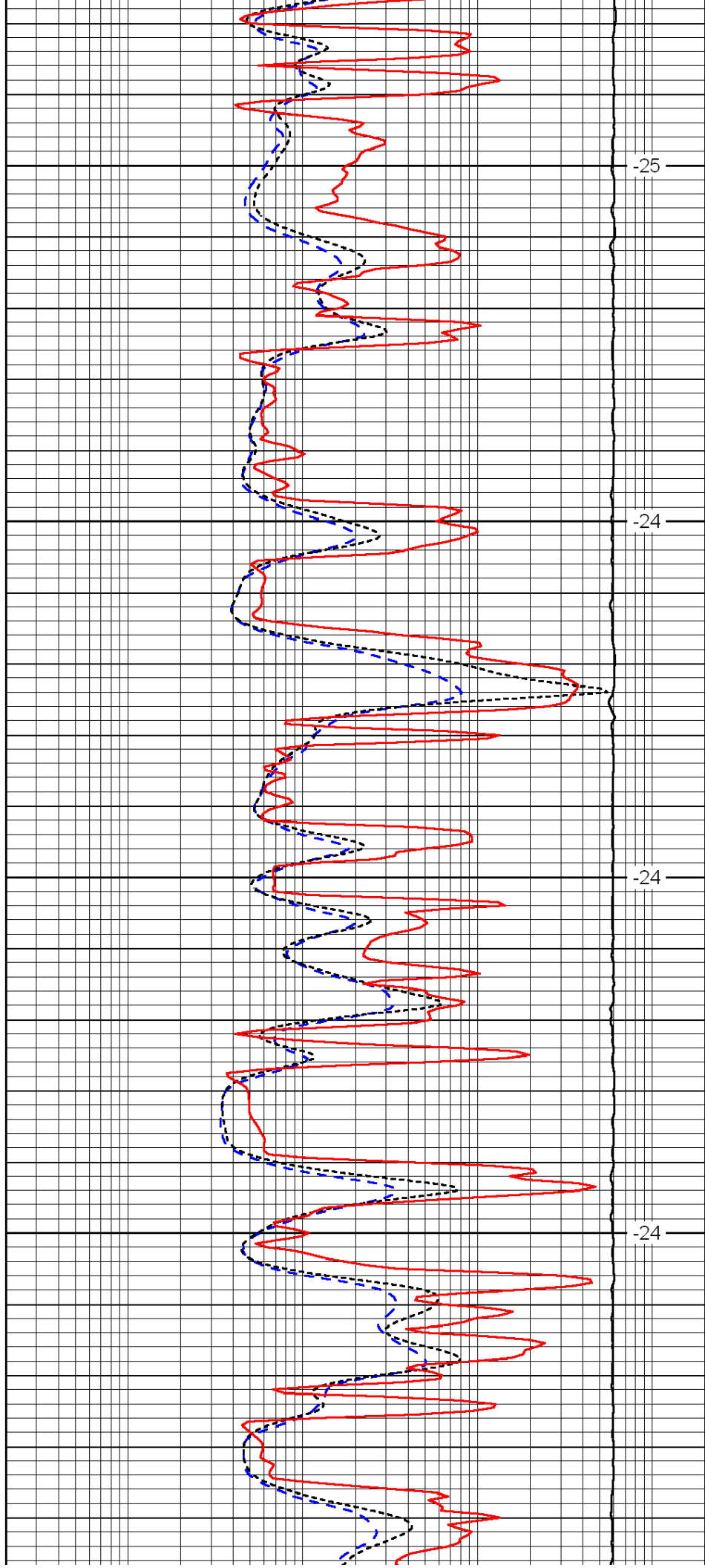


3900

3950

4000

4050

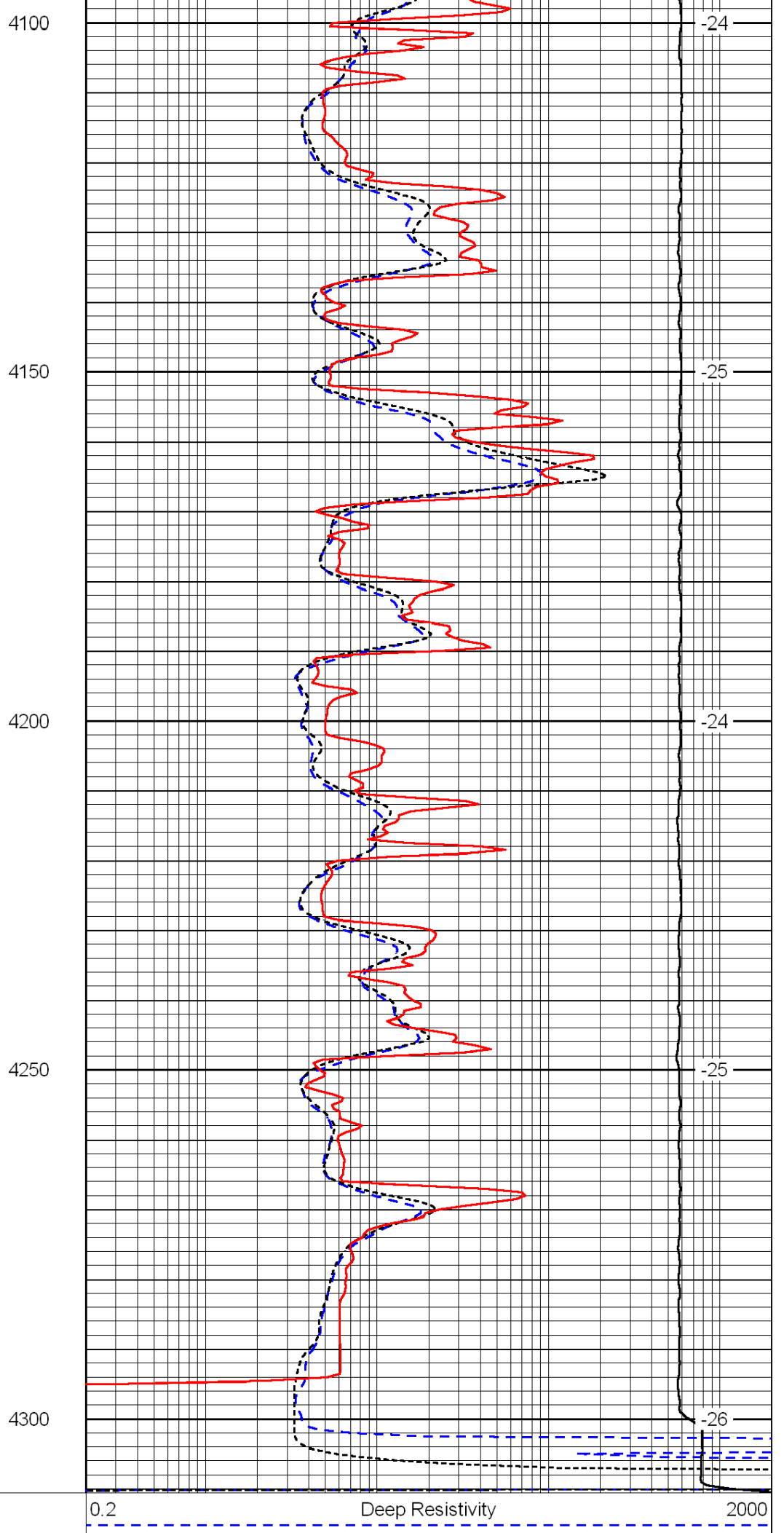
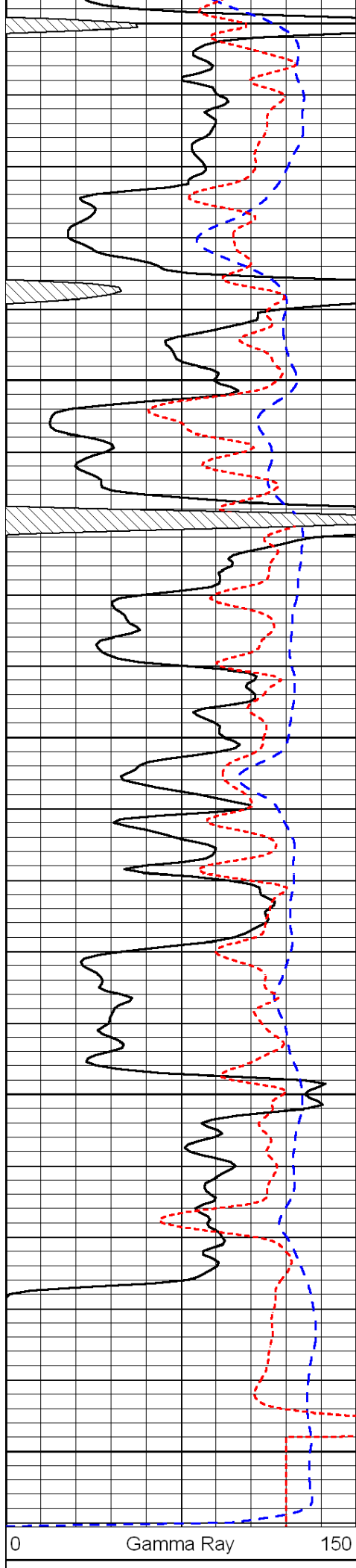


-25

-24

-24

-24



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

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