



Temperature
Casing Collar Log

Company		TEP Rocky Mountain LLC	
Well		Federal WMC 411-20	
Field		Rulison	
County		Garfield	
State		Colorado	
Location:		API # : 05-045-24493	
SEC 17 TWP 7S RGE 93W		Other Services	
Permanent Datum		Ground Level	Elevation
Log Measured From		Kelly Bushing	8869 FT
Drilling Measured From		Kelly Bushing	K.B. 8899 FT D.F. 8898 FT G.L. 8869 FT
Date	24-SEPT-2022		
Run Number	One		
Depth Driller	11057 FT		
Depth Logger	10976 FT		
Bottom Logged Interval	10976 FT		
Top Log Interval	Surface		
Open Hole Size	8.75"		
Type Fluid	Water		
Density / Viscosity	8.34 Lb/Gal		
Max. Recorded Temp.	246°F		
Estimated Cement Top	4660FT		
Time Well Ready	ROA		
Time Logger on Bottom	22:35		
Equipment Number	8047		
Location	Grand Junction		
Recorded By	P. Edwards		
Witnessed By	C. Borgstede		
Borehole Record		Tubing Record	
Run Number	Bit	From	To
Casing Record	Size	Mgt/ft	Top
Surface String	9-5/8"	36	Surface
Prot. String			
Production String	4-1/2"	11.6	Surface
Liner			

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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

Log ran as per customer request
Depth referenced to Kelly Bushing at 30 FT

Thank you for choosing The Wireline Group!

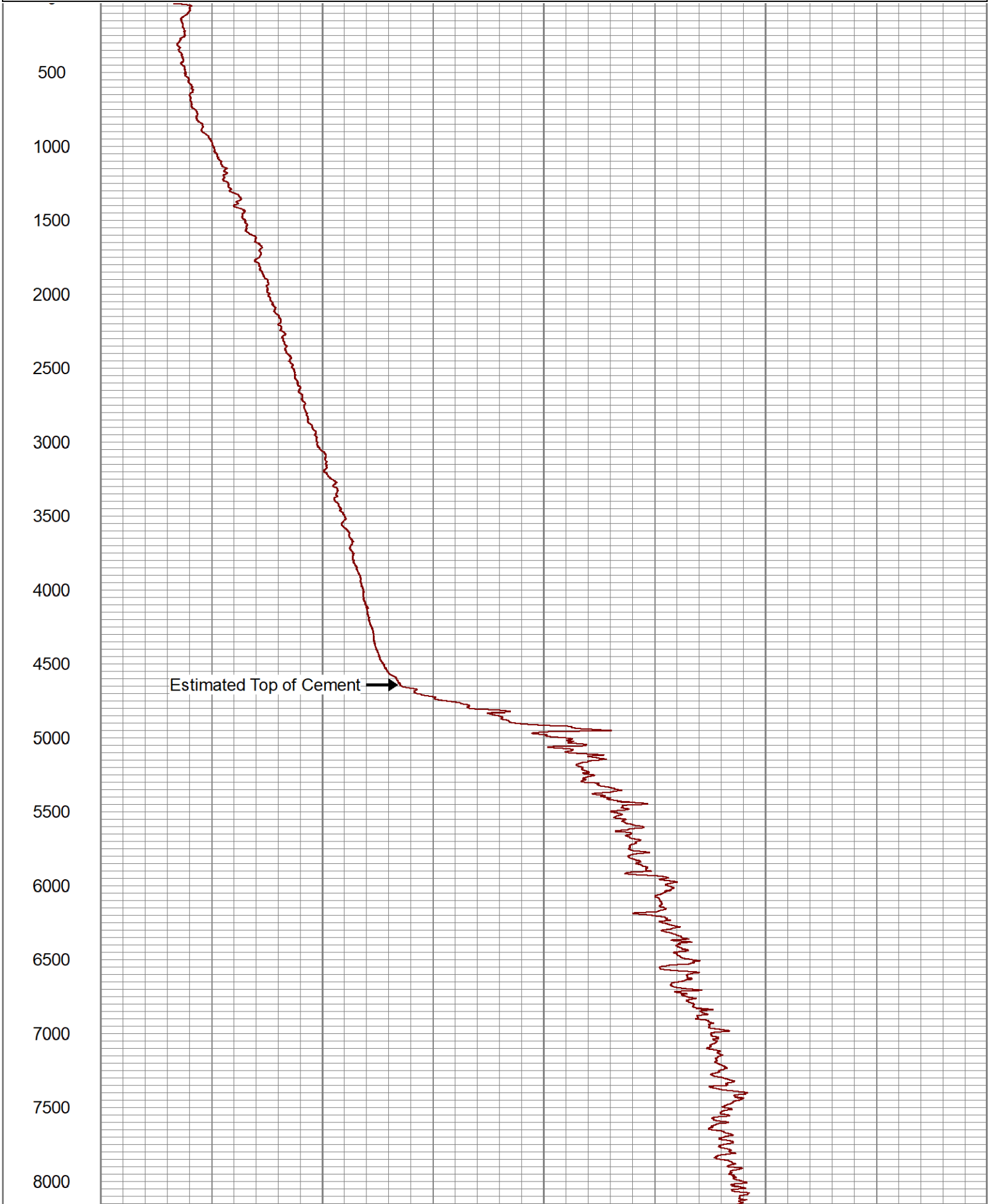


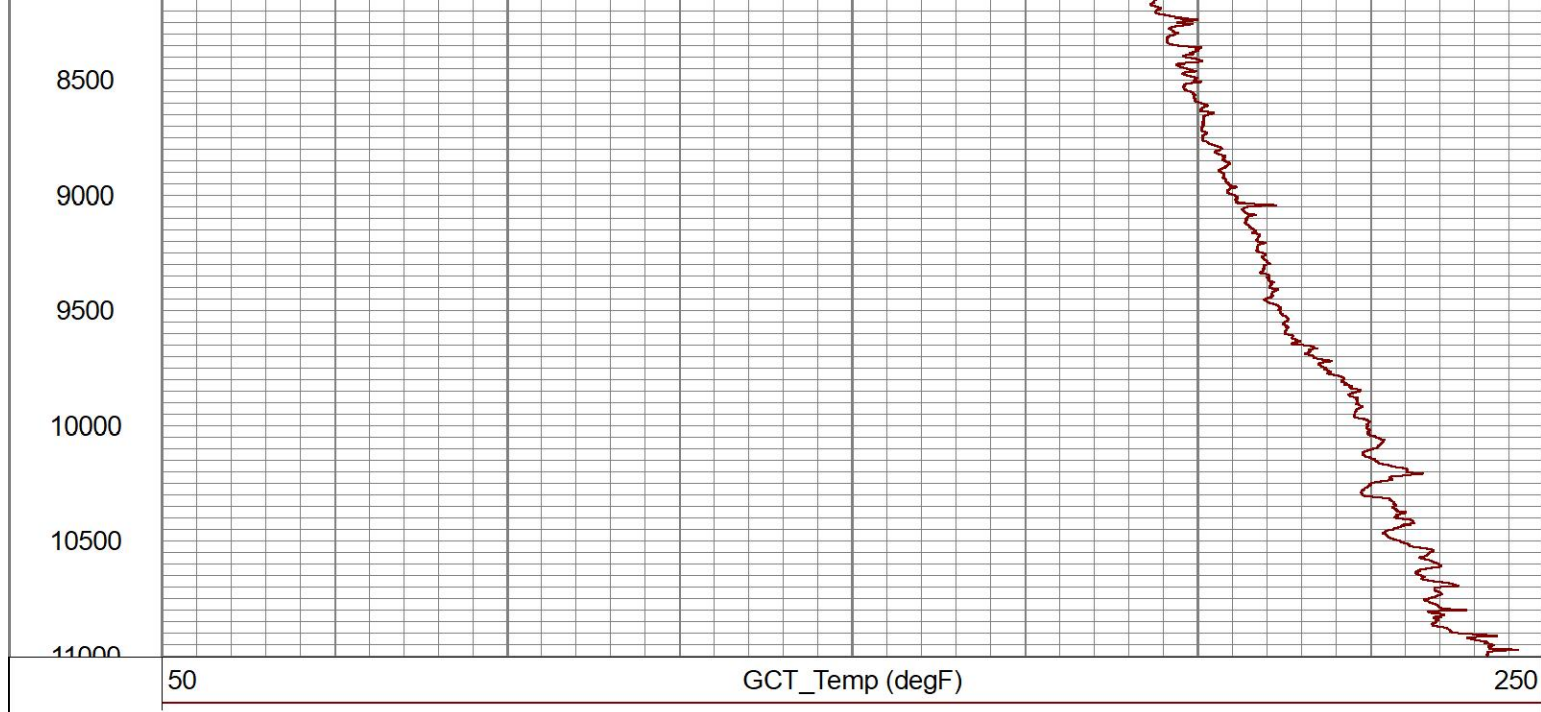
Main Pass (Quick Look)

50

GCT_Temp (degF)

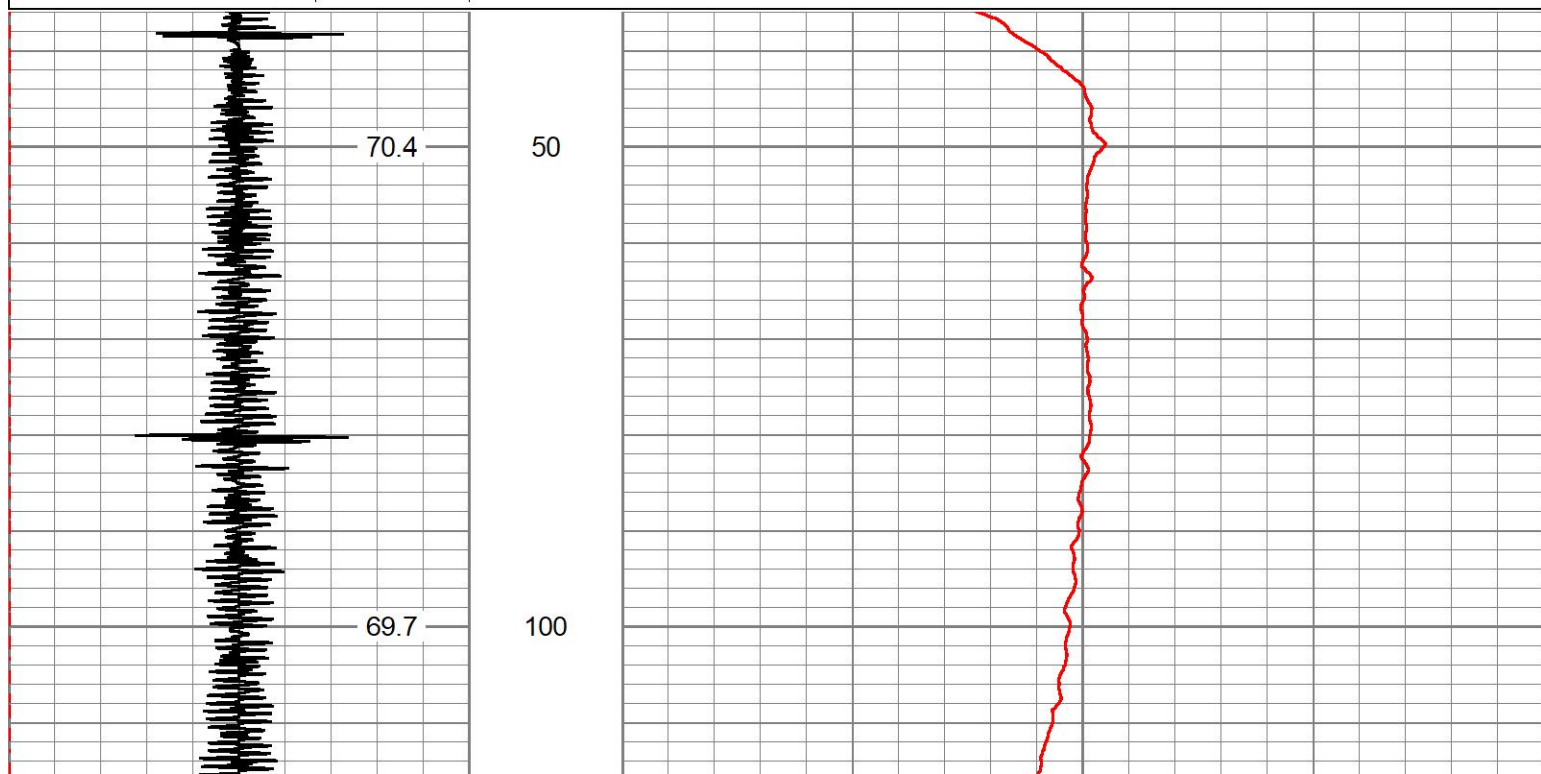
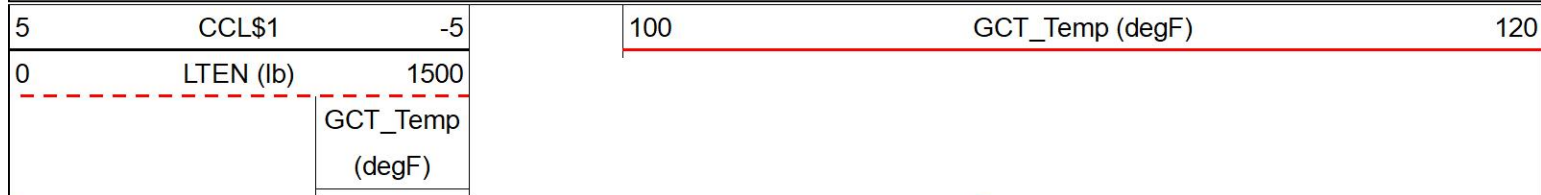
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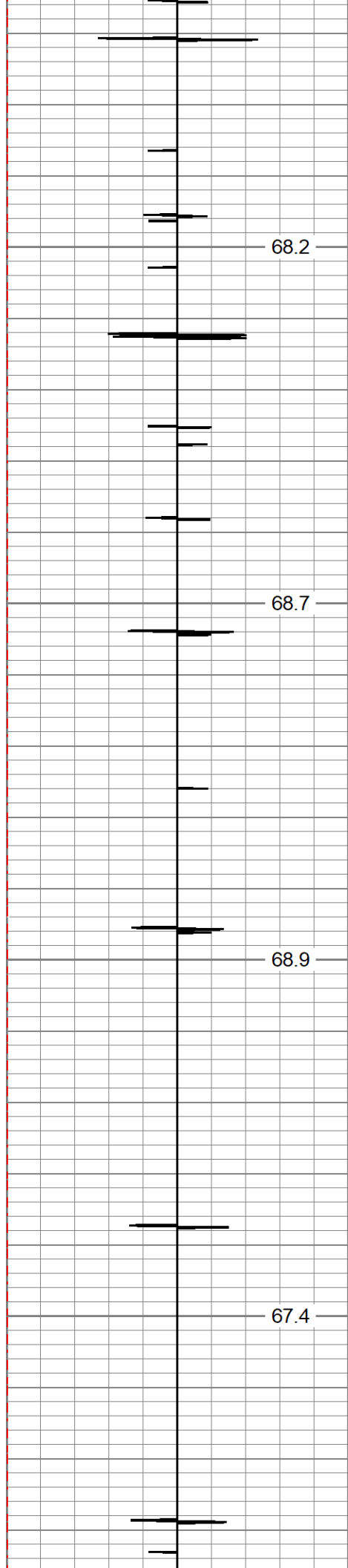




Main Pass

Database File tep_wmc_411-20_temp_9-24-22.db
 Dataset Pathname main
 Presentation Format gct_tmp
 Dataset Creation Sat Sep 24 21:51:04 2022
 Charted by Depth in Feet scaled 1:240



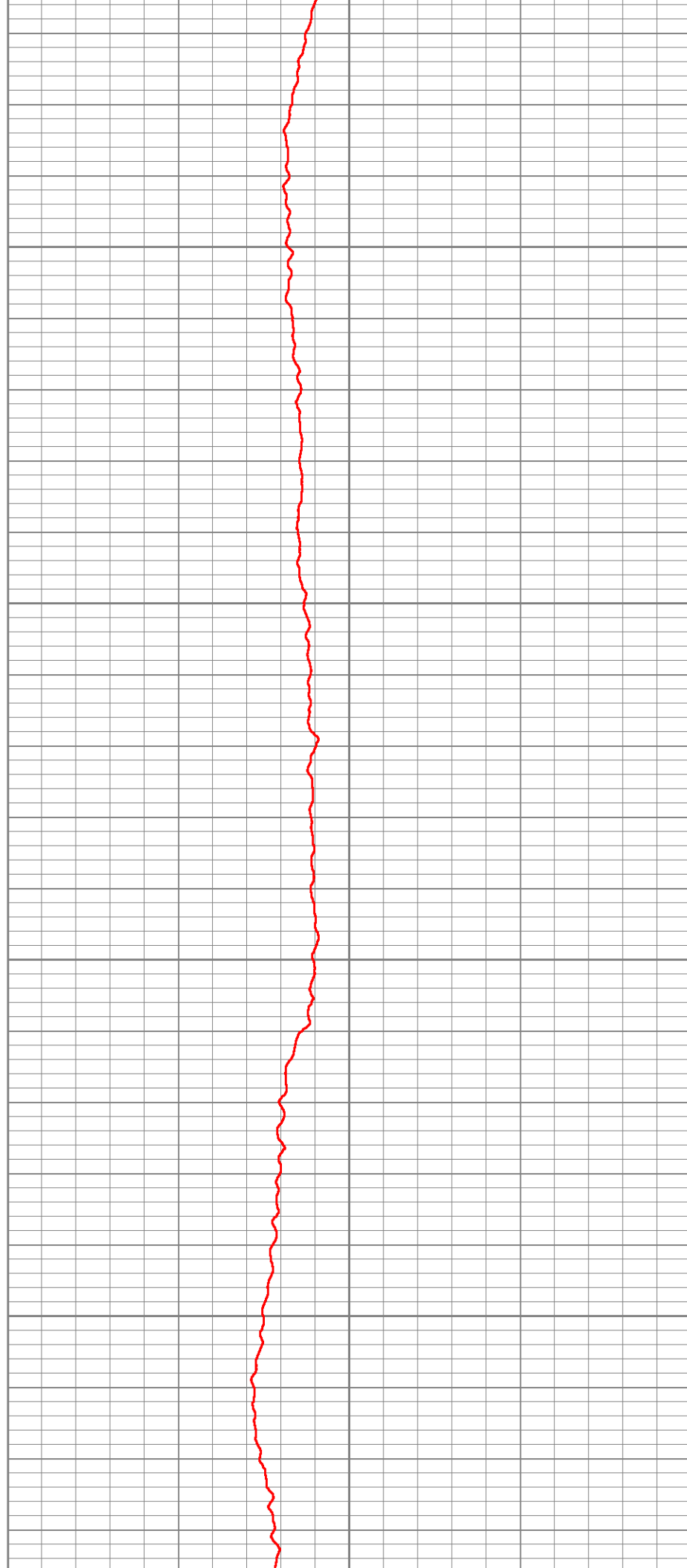


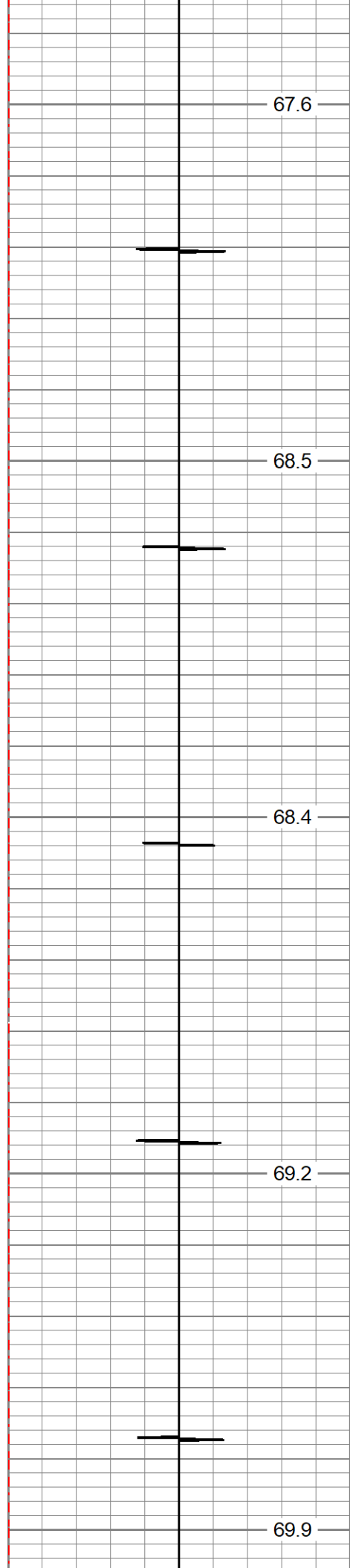
150

200

250

300





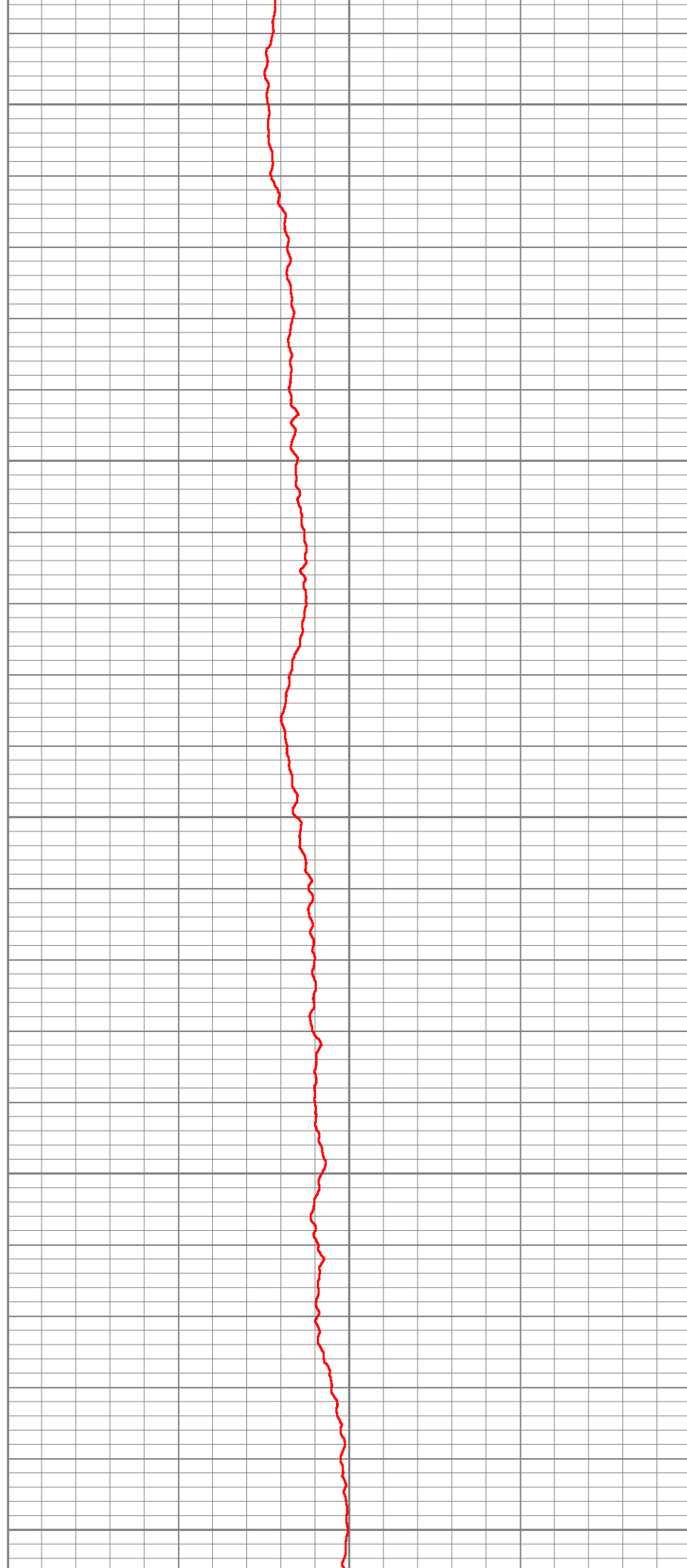
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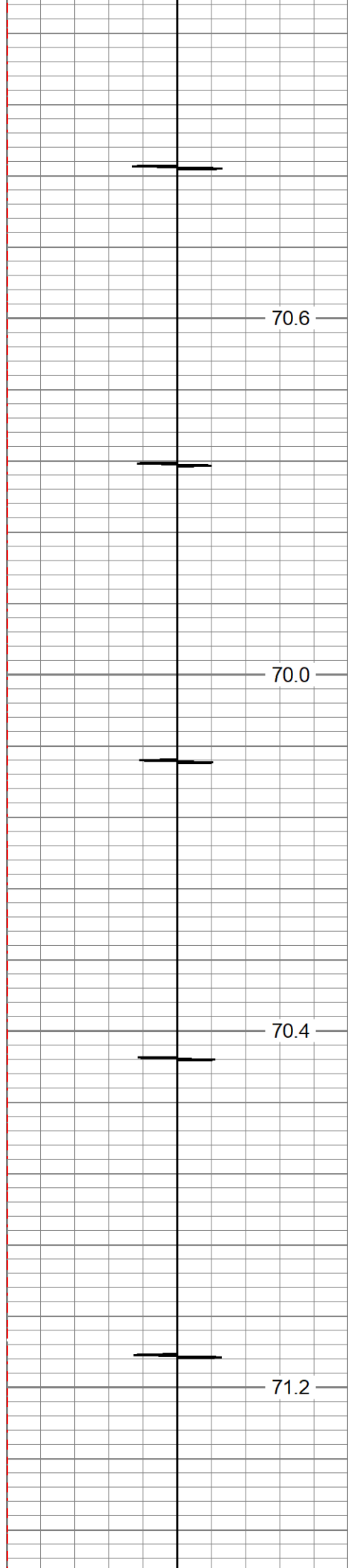
400

450

500

550





70.6

70.0

70.4

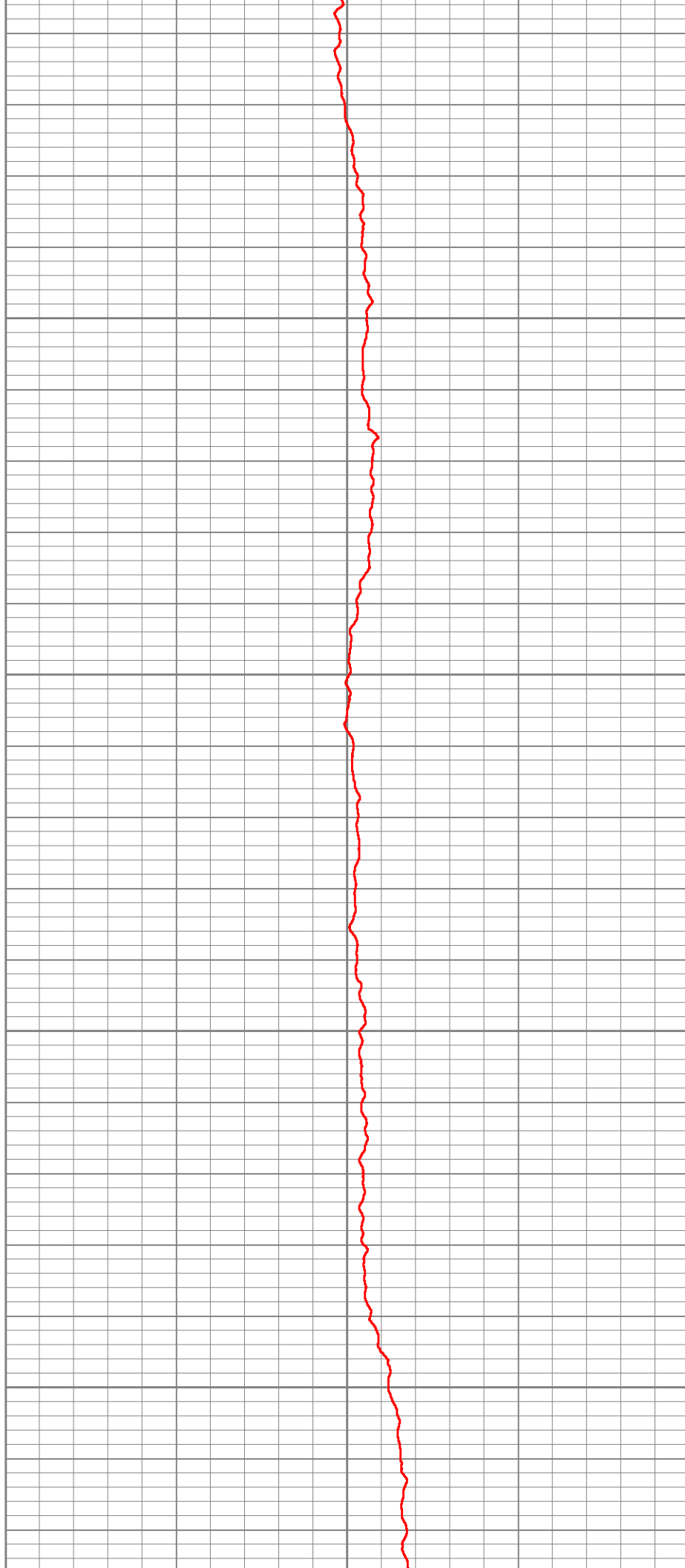
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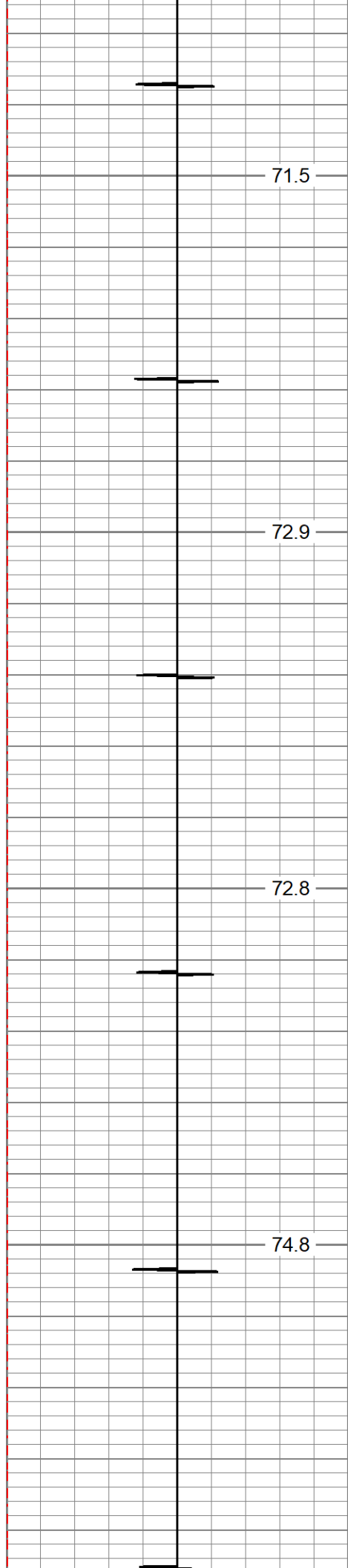
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650

700

750





71.5

72.9

72.8

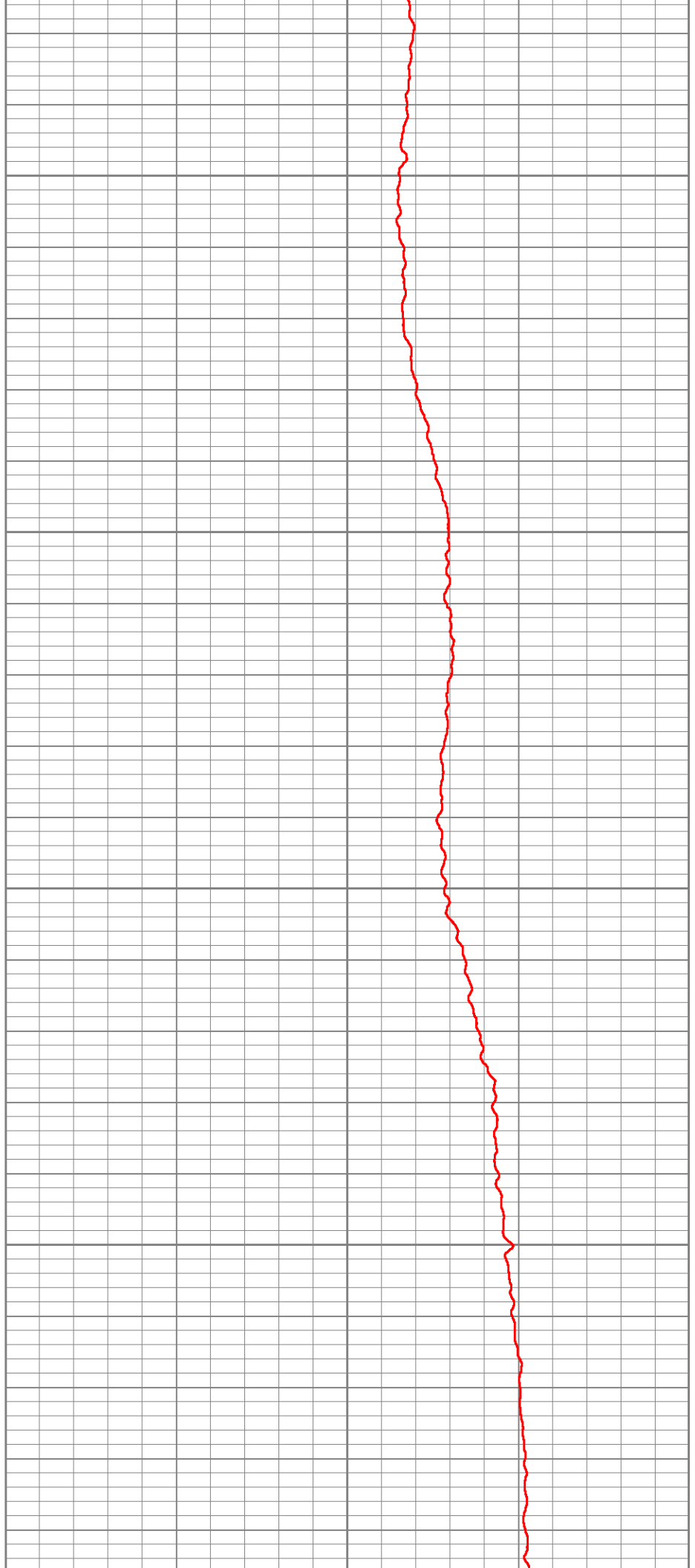
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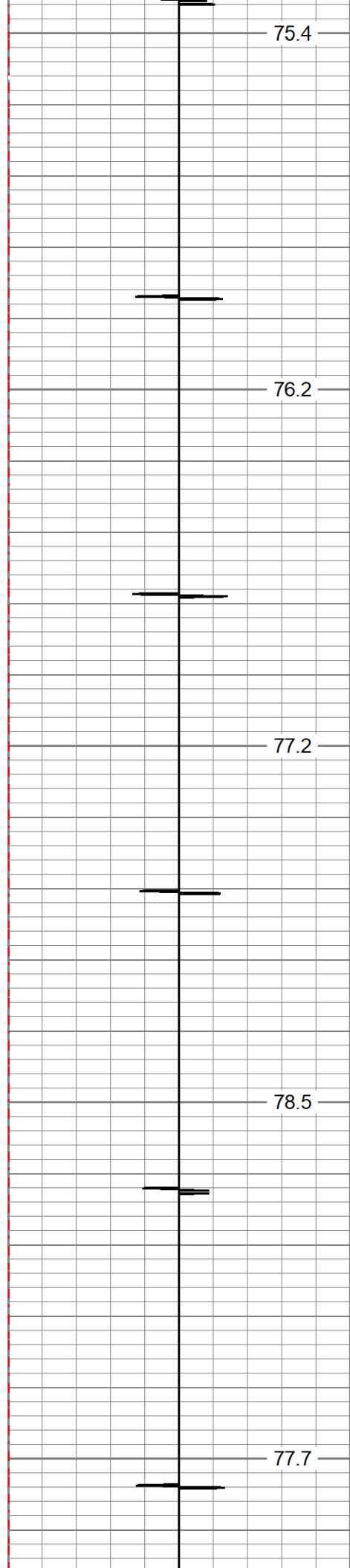
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850

900

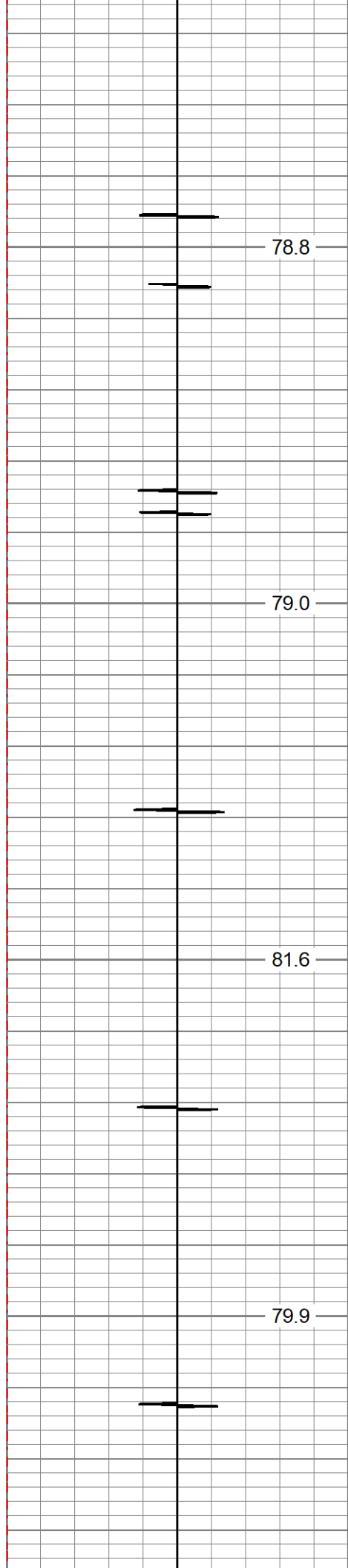
950





1000
1050
1100
1150
1200





78.8

79.0

81.6

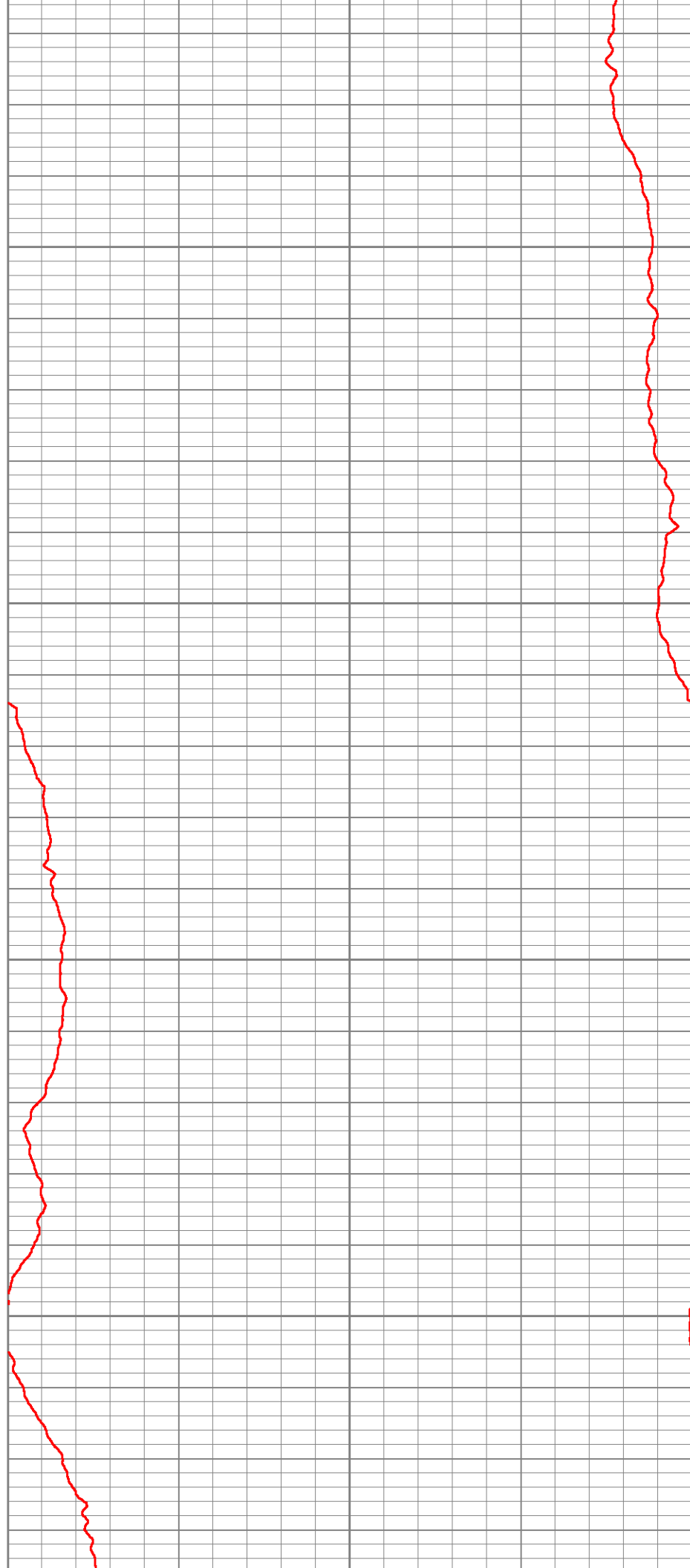
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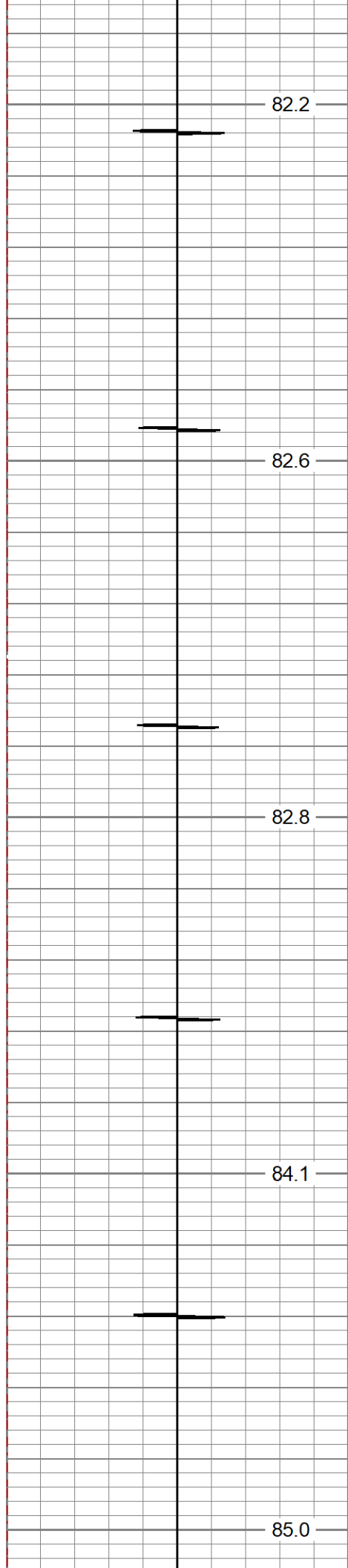
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1300

1350

1400





82.2

82.6

82.8

84.1

85.0

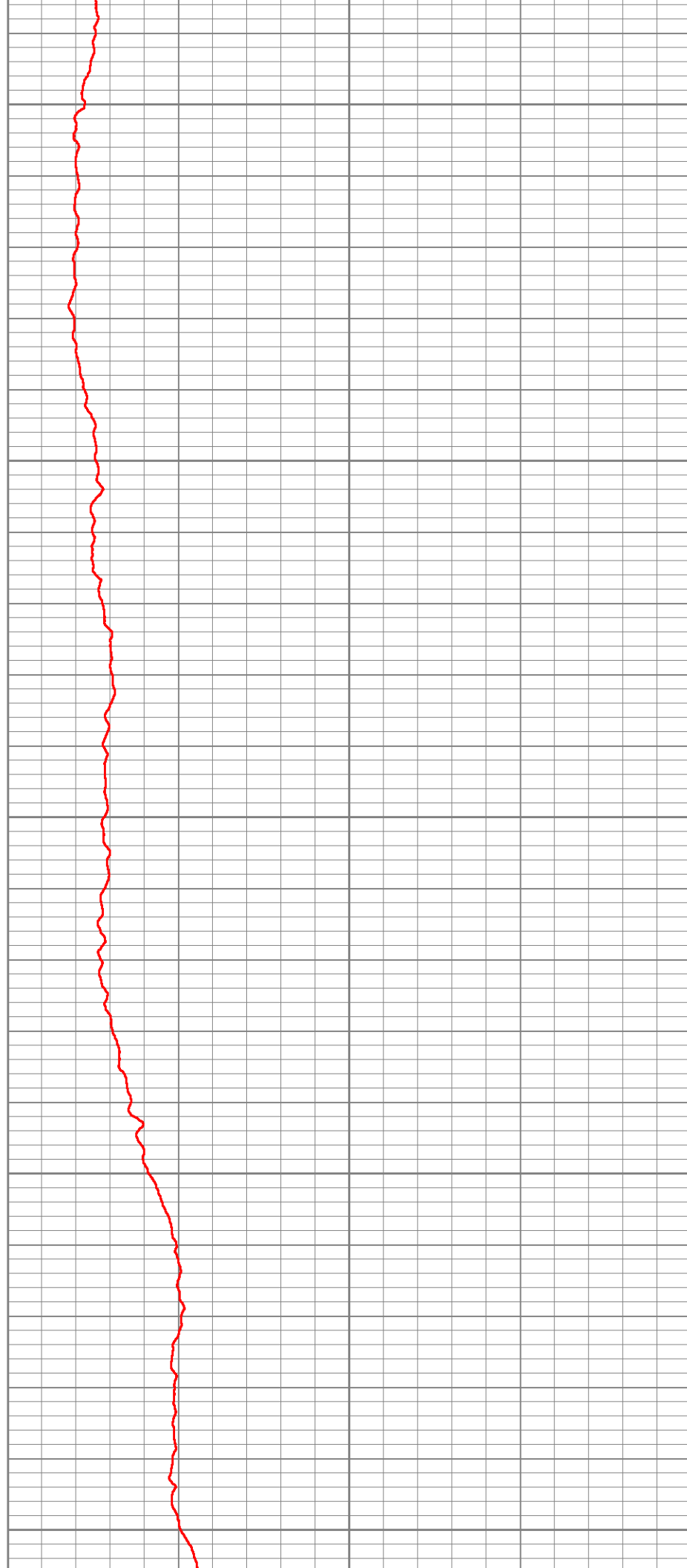
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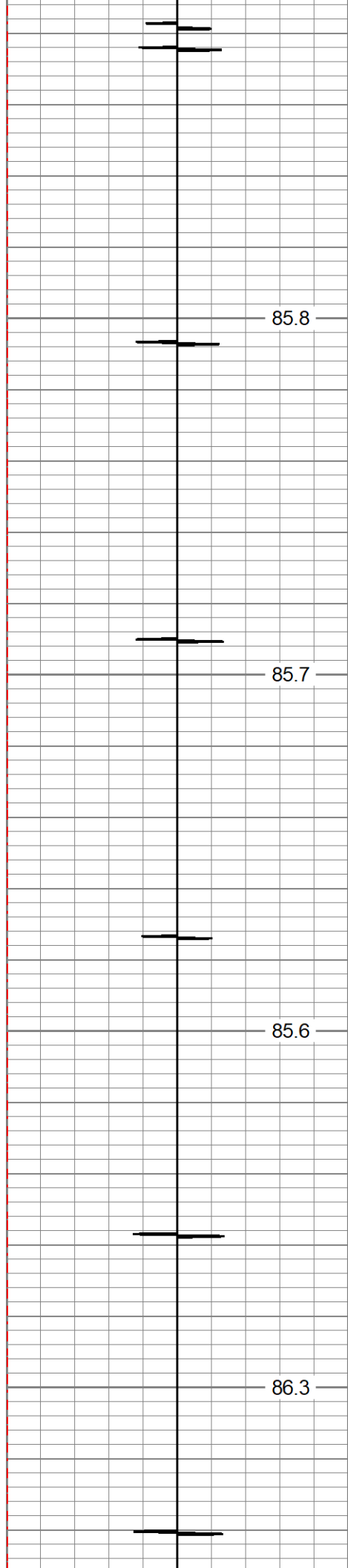
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1550

1600

1650



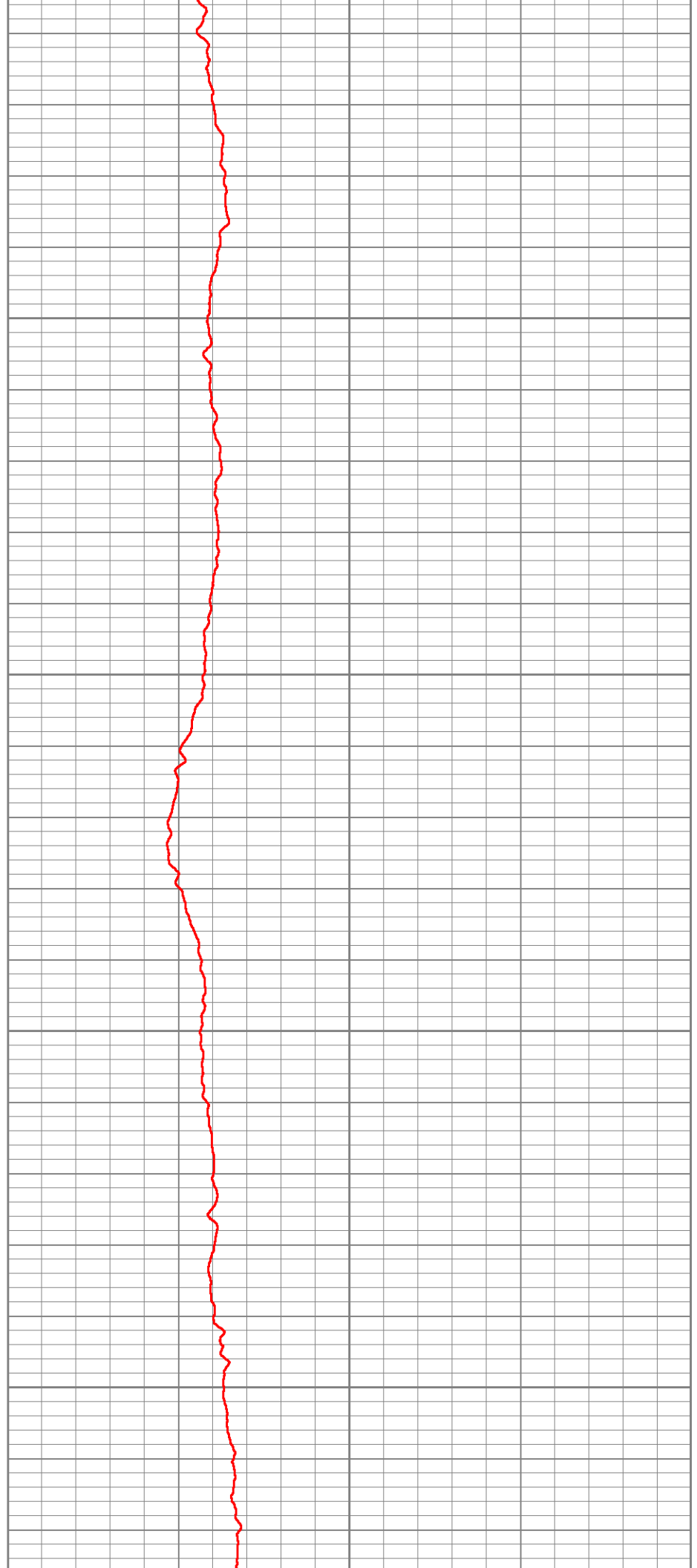


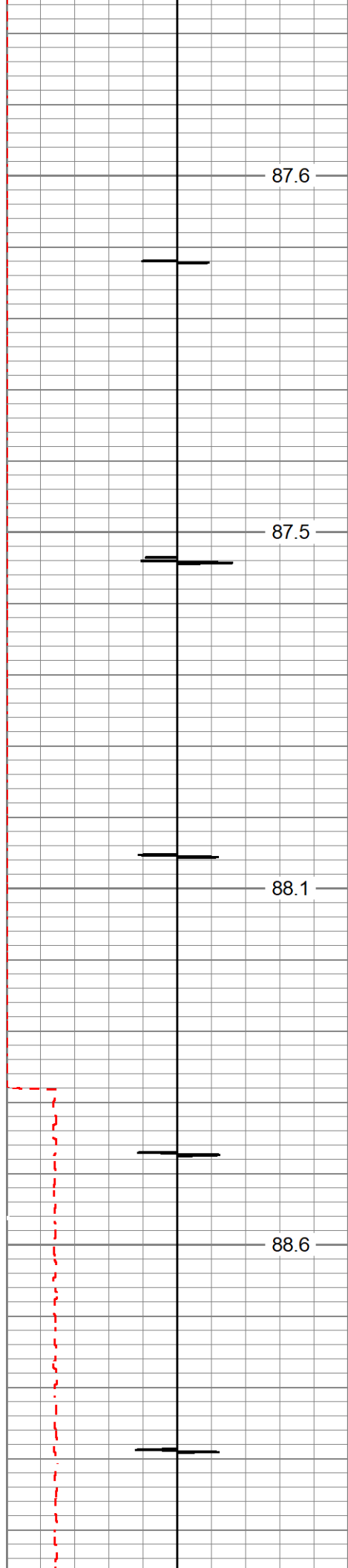
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1750

1800

1850



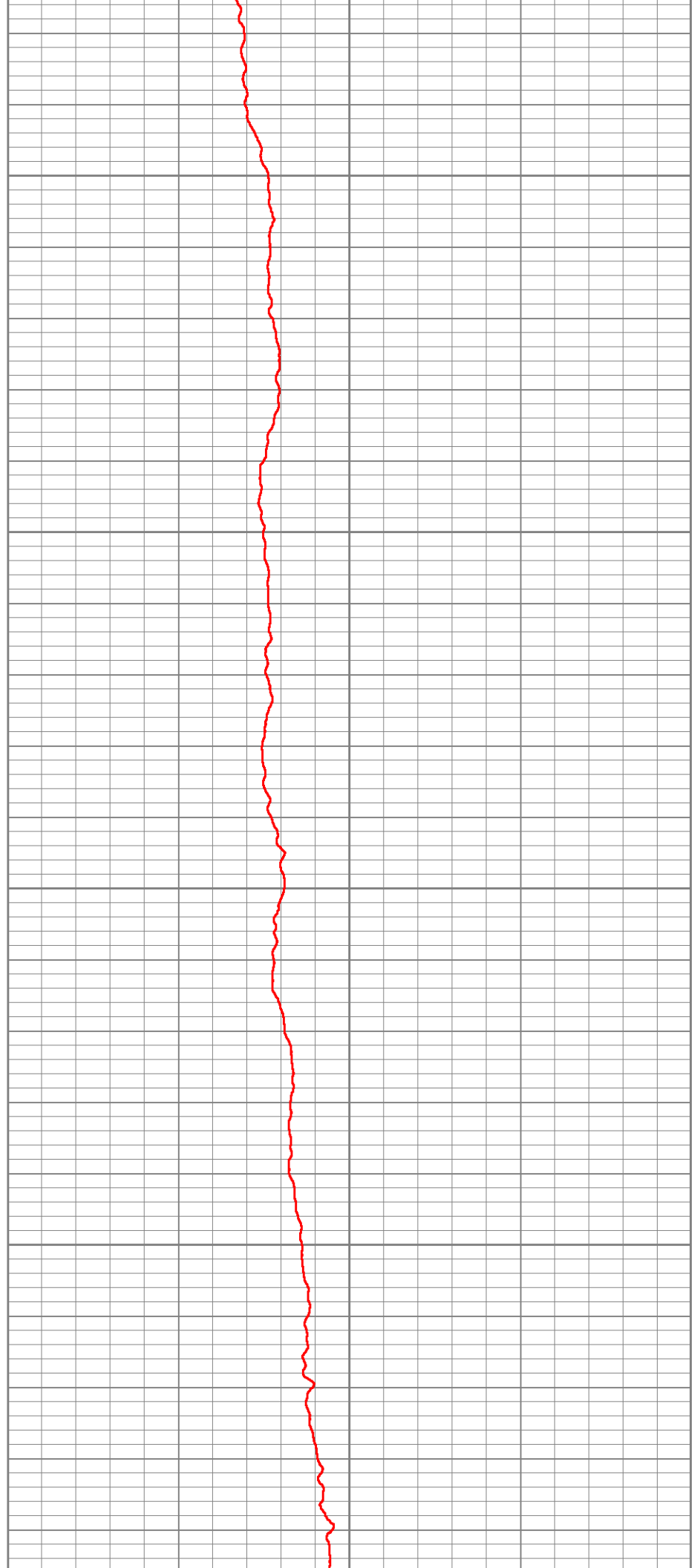


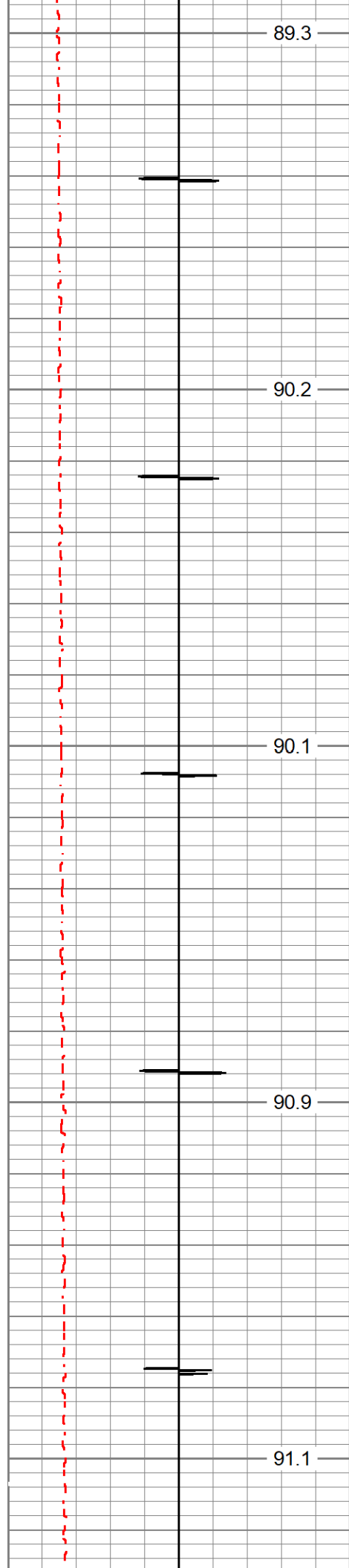
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1950

2000

2050





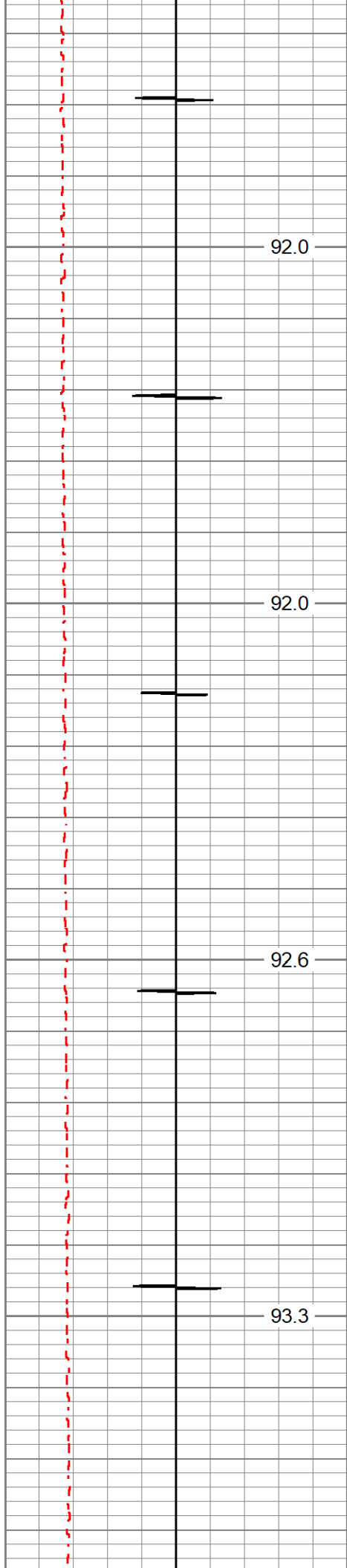
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2150

2200

2250

2300



92.0

92.0

92.6

93.3

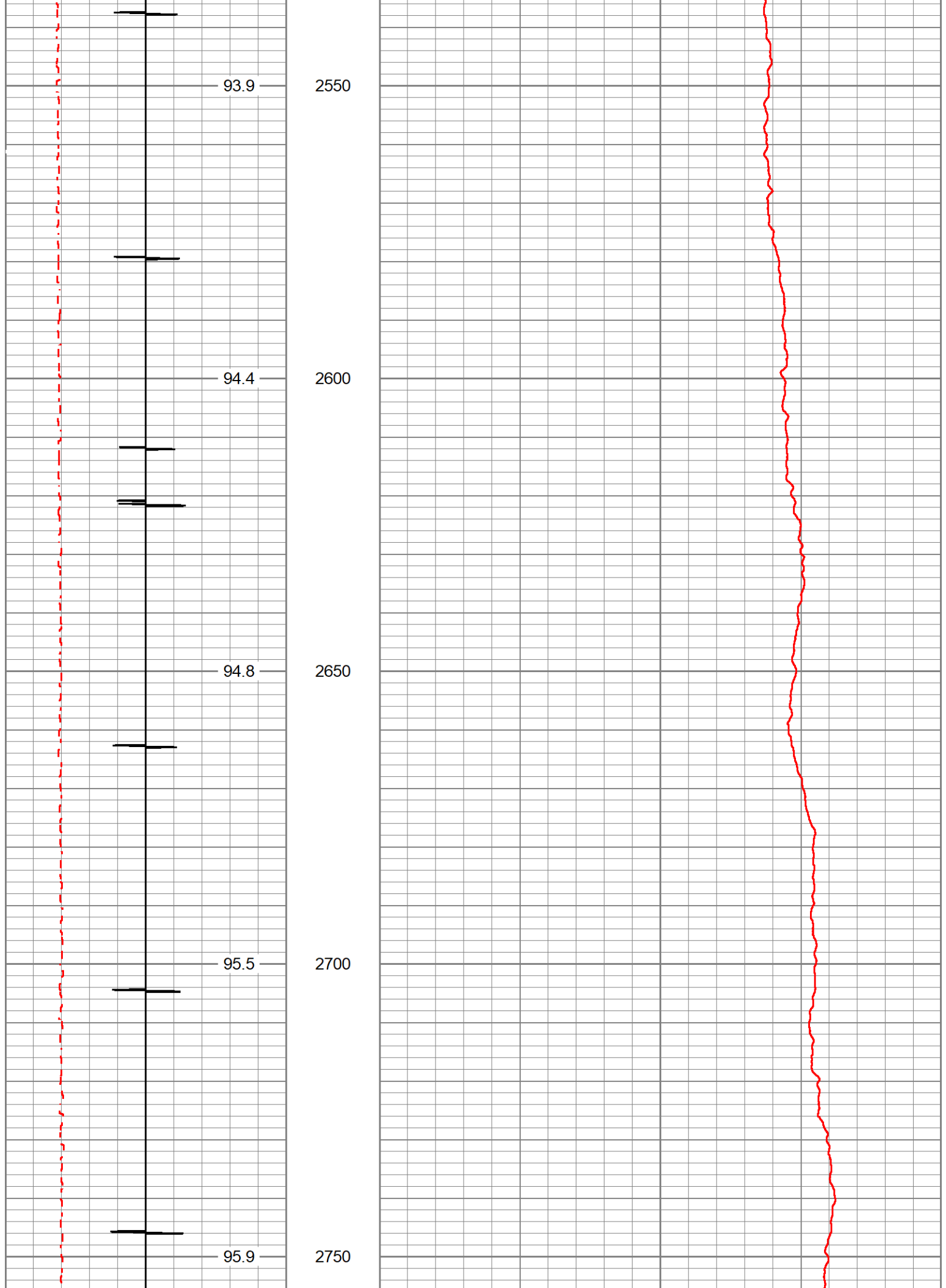
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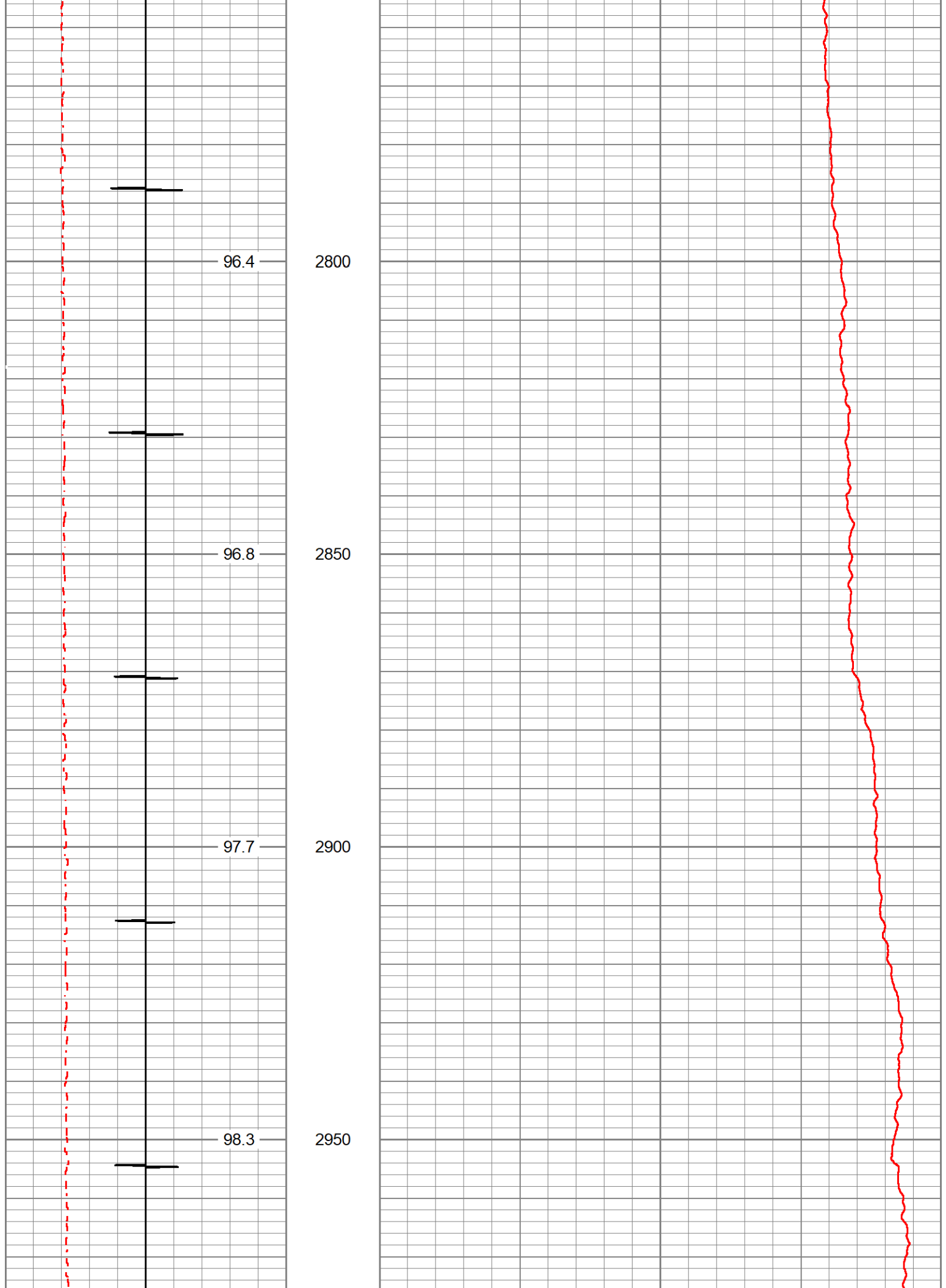
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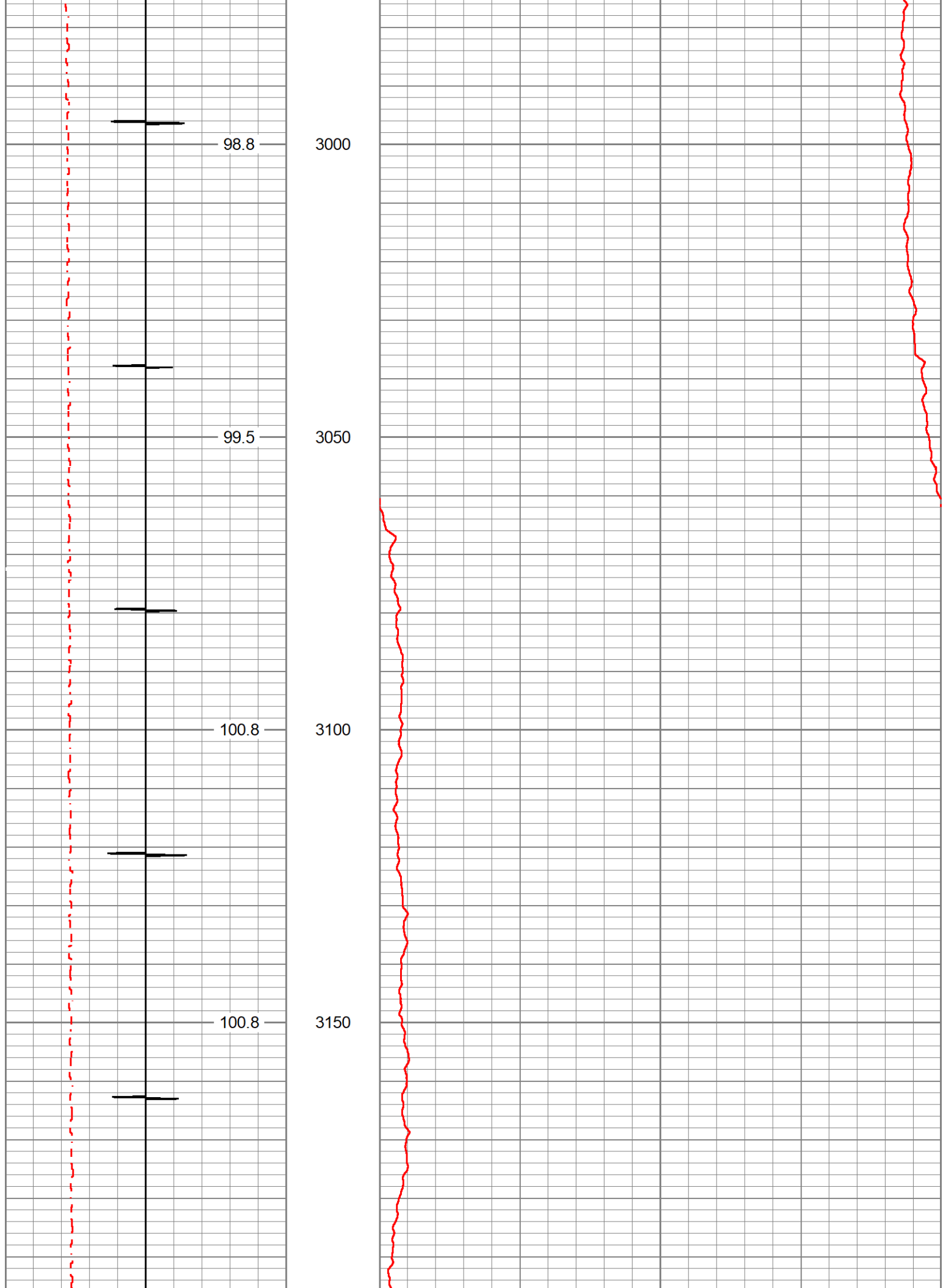
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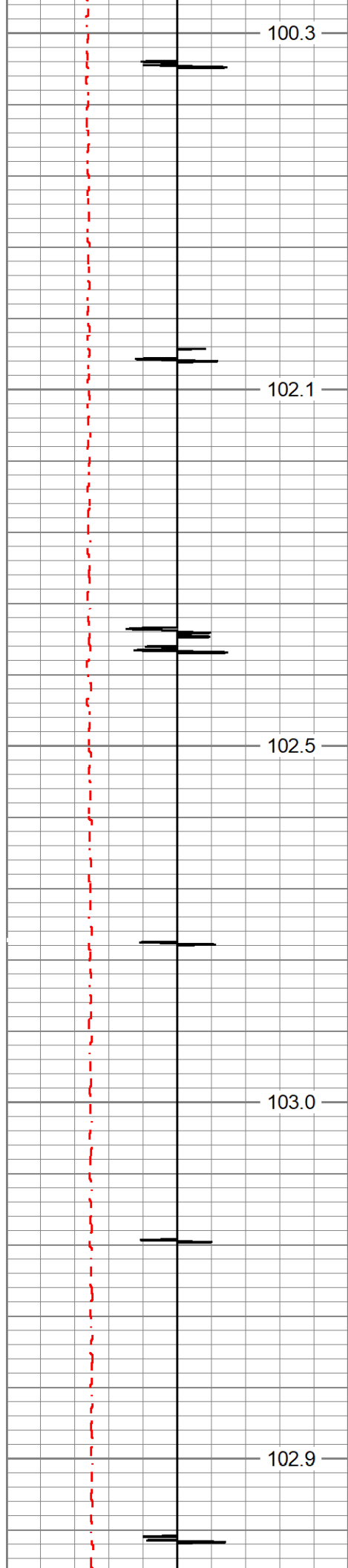
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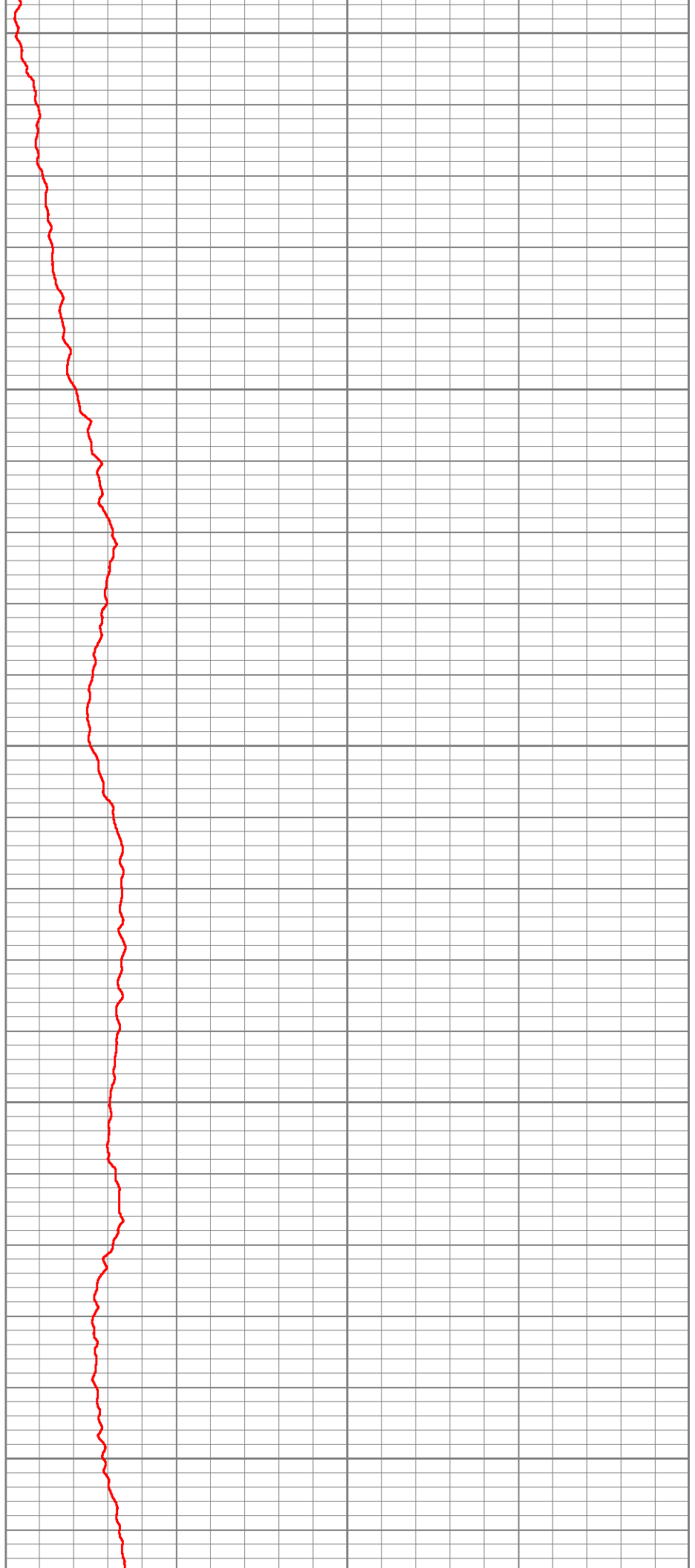
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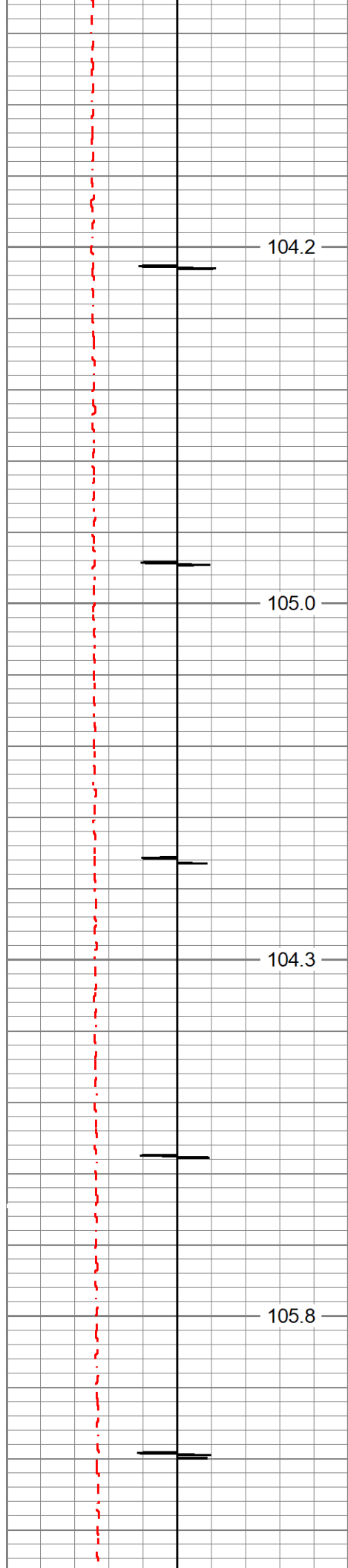
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3300

3350

3400





104.2

105.0

104.3

105.8

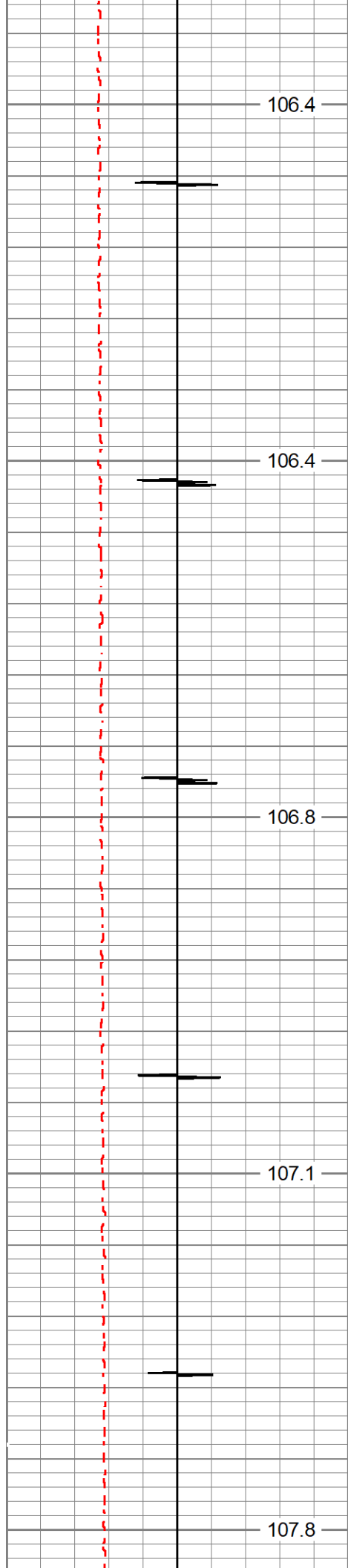
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3500

3550

3600





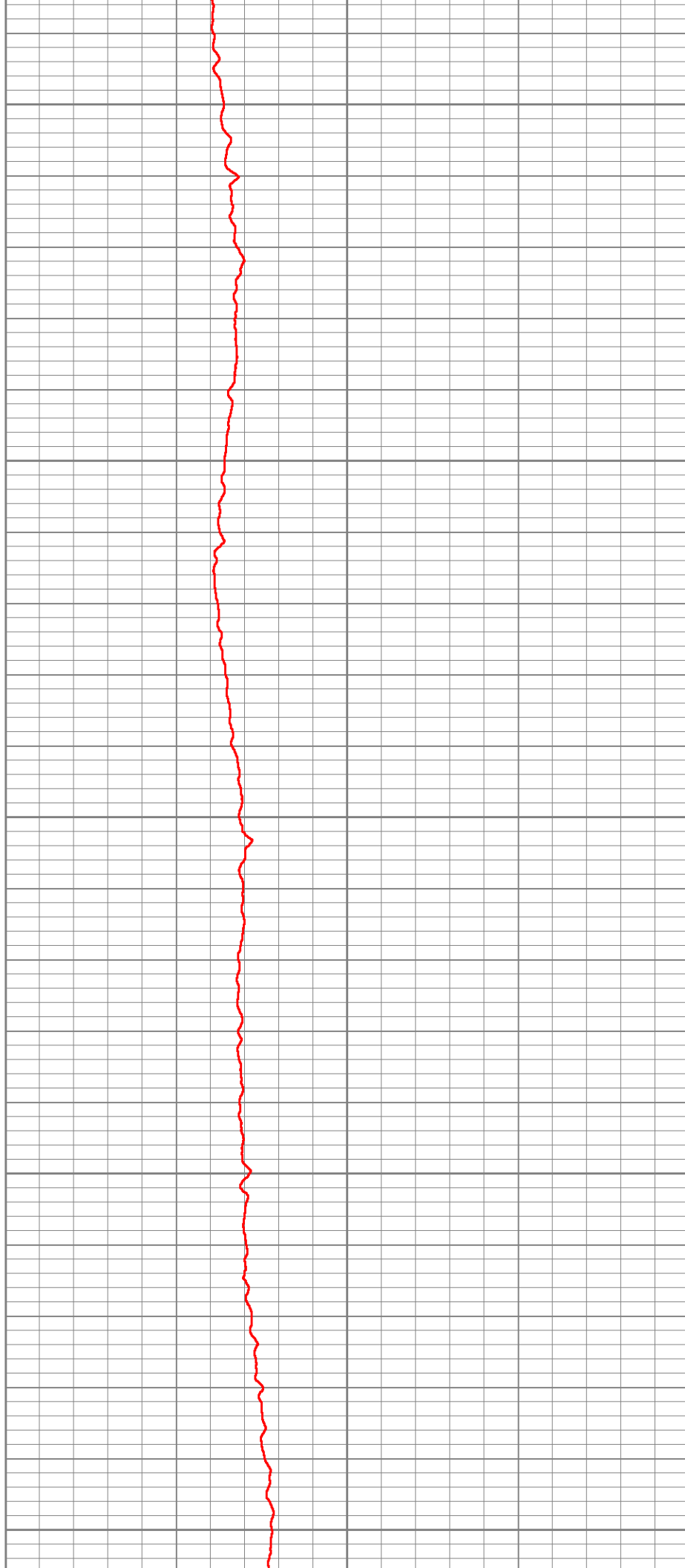
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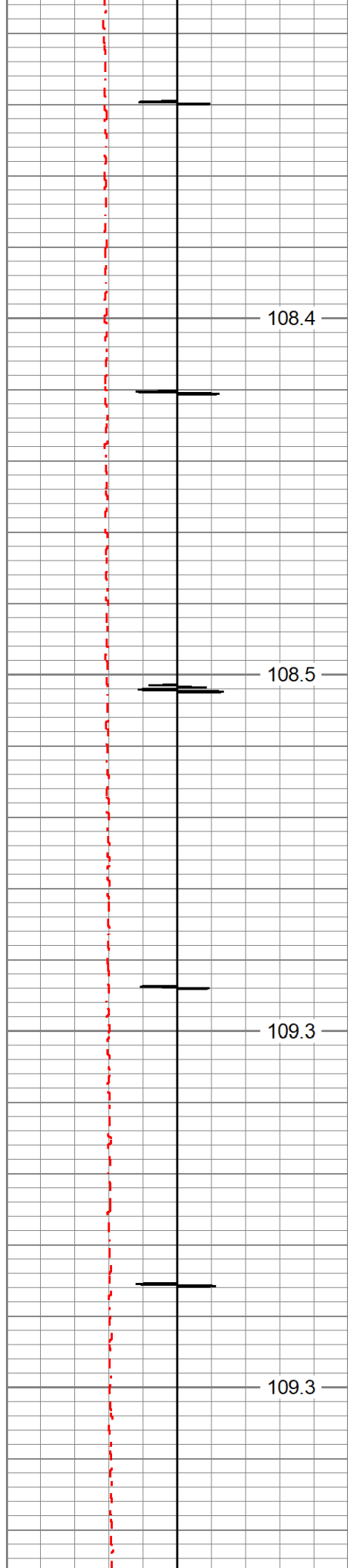
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3750

3800

3850





108.4

3900

108.5

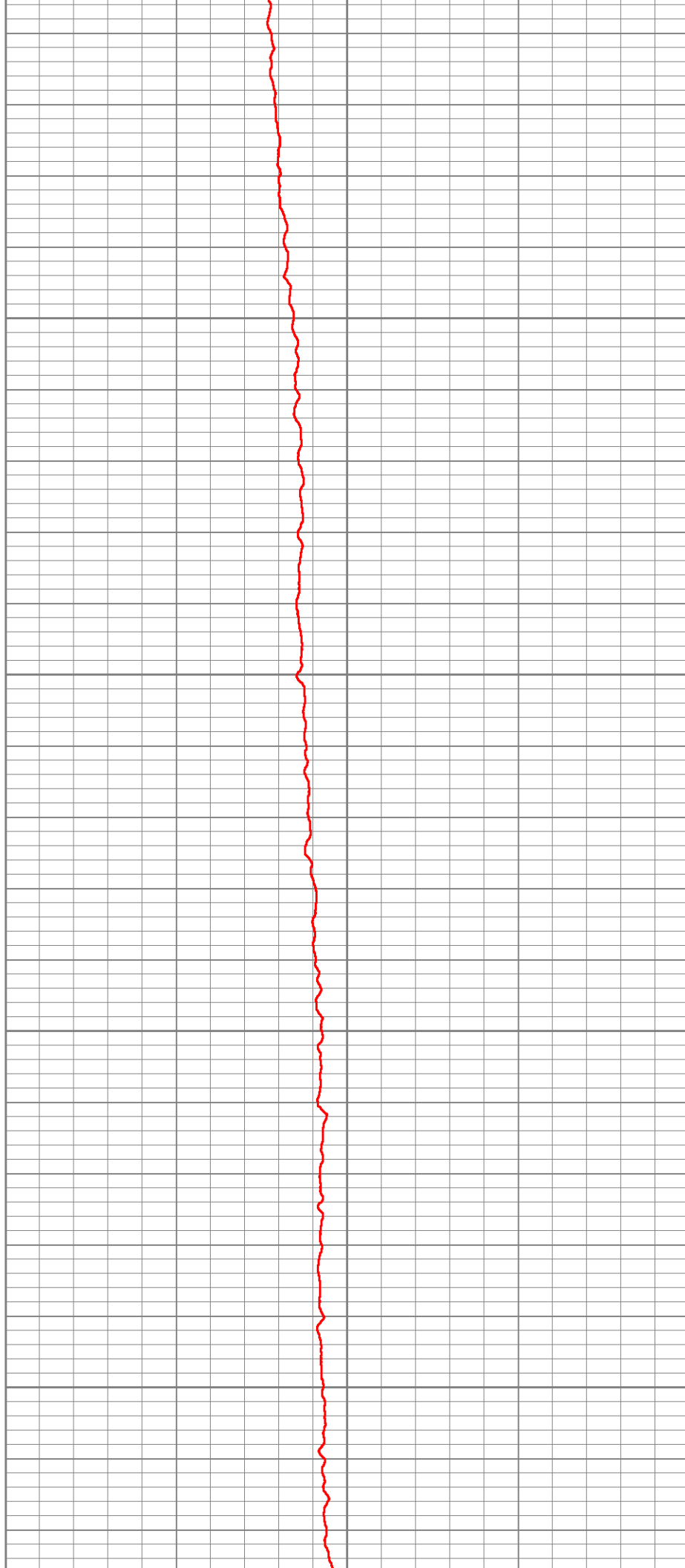
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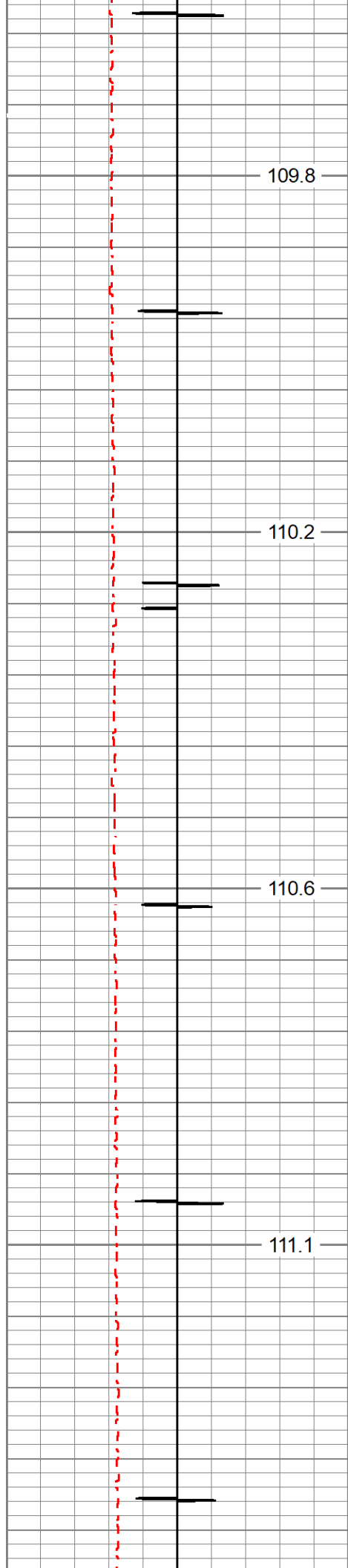
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4000

109.3

4050



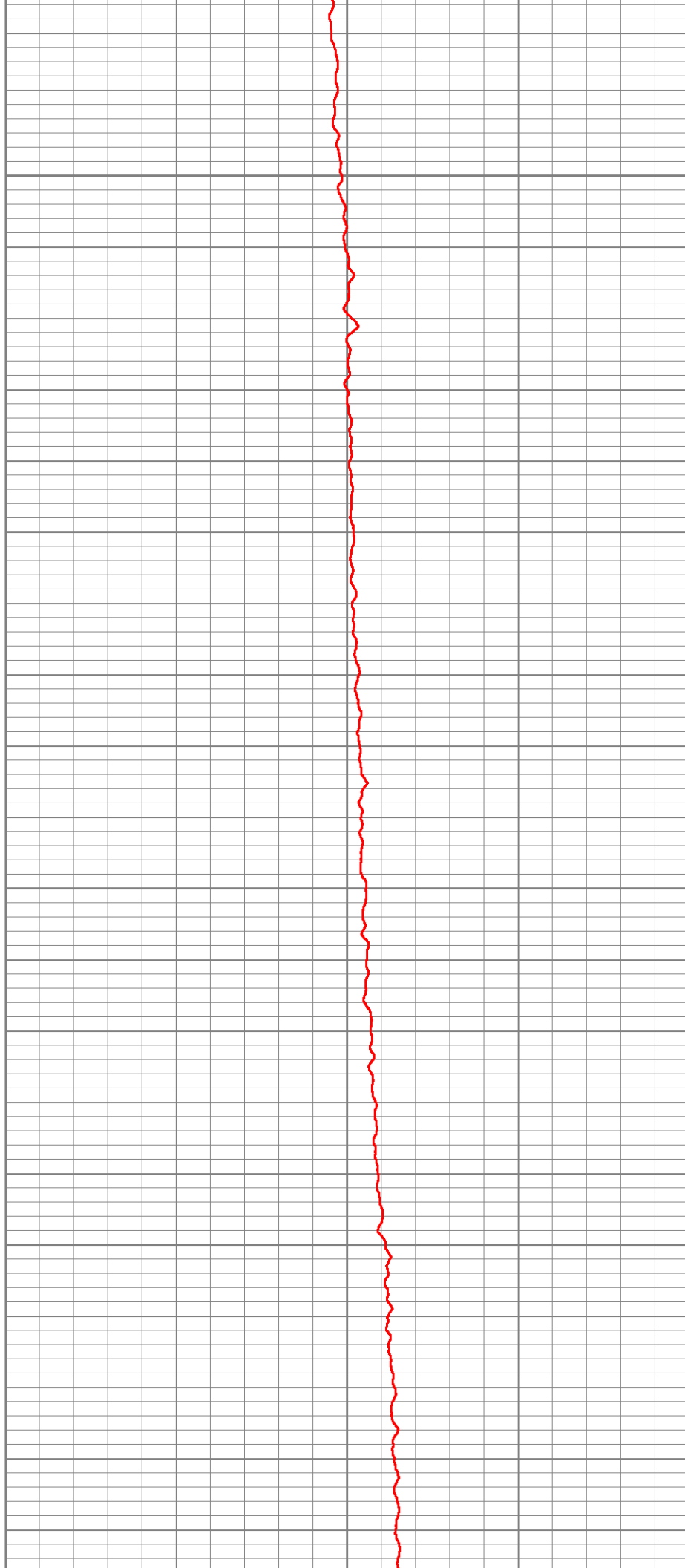


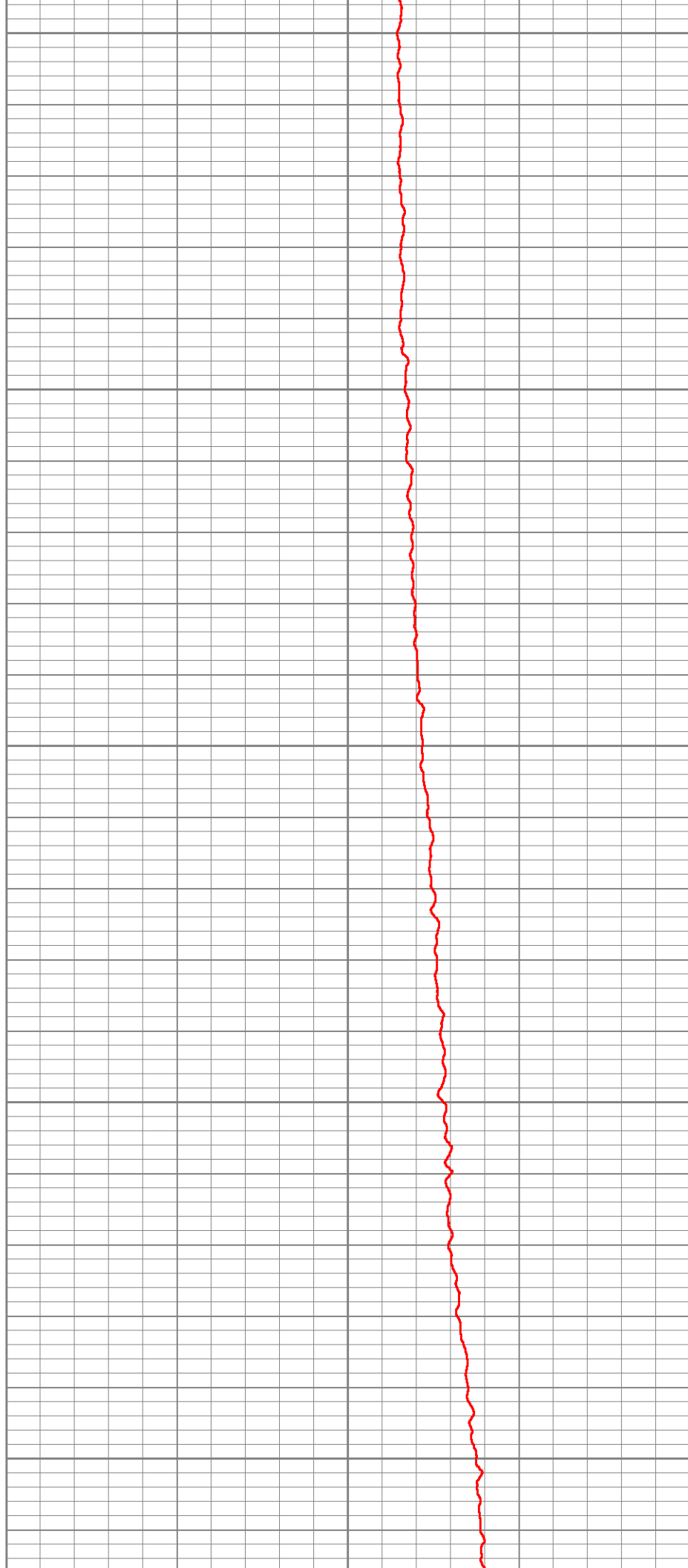
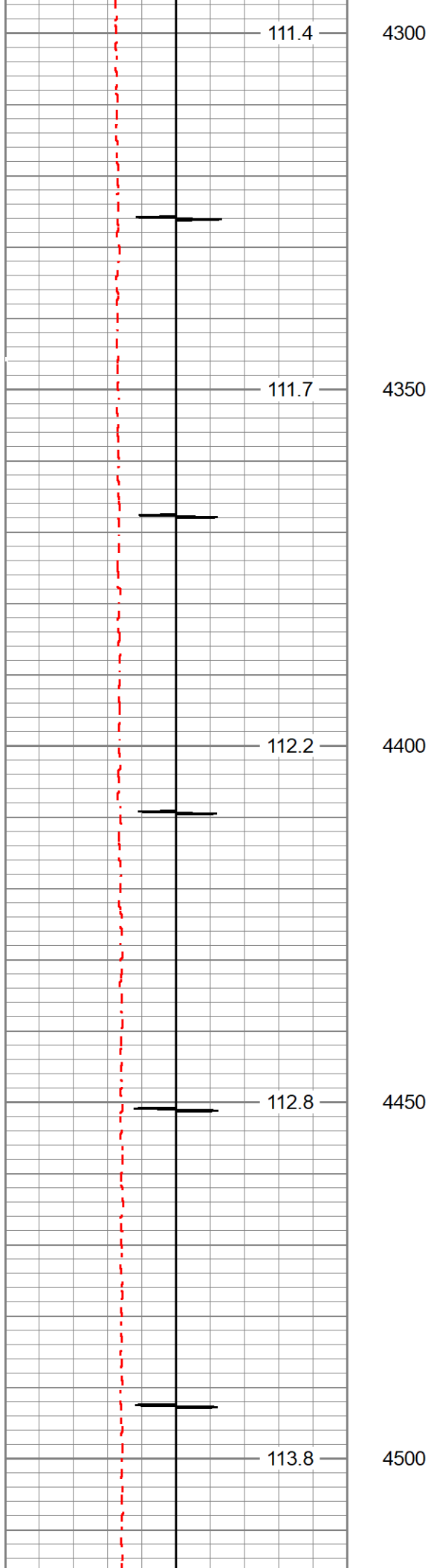
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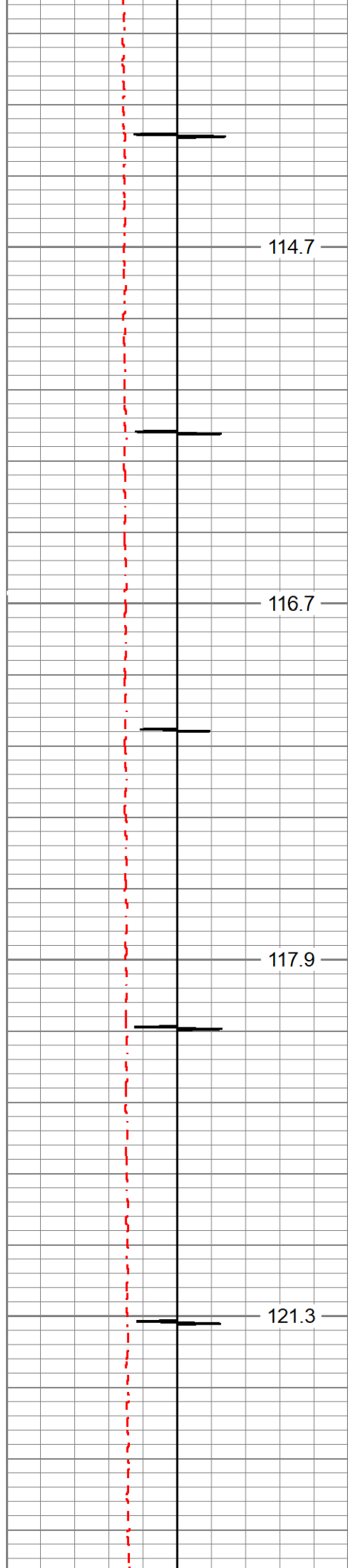
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4200

4250







114.7

4550

116.7

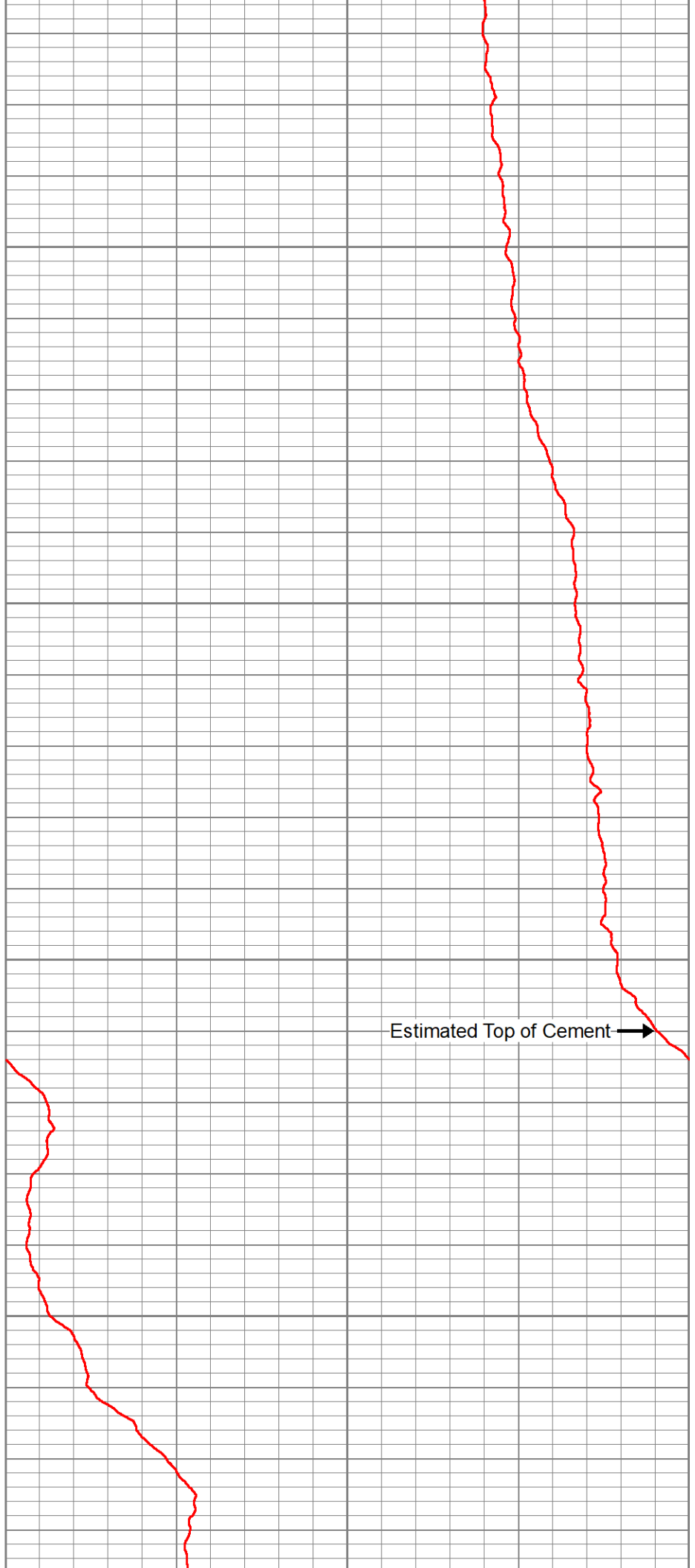
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117.9

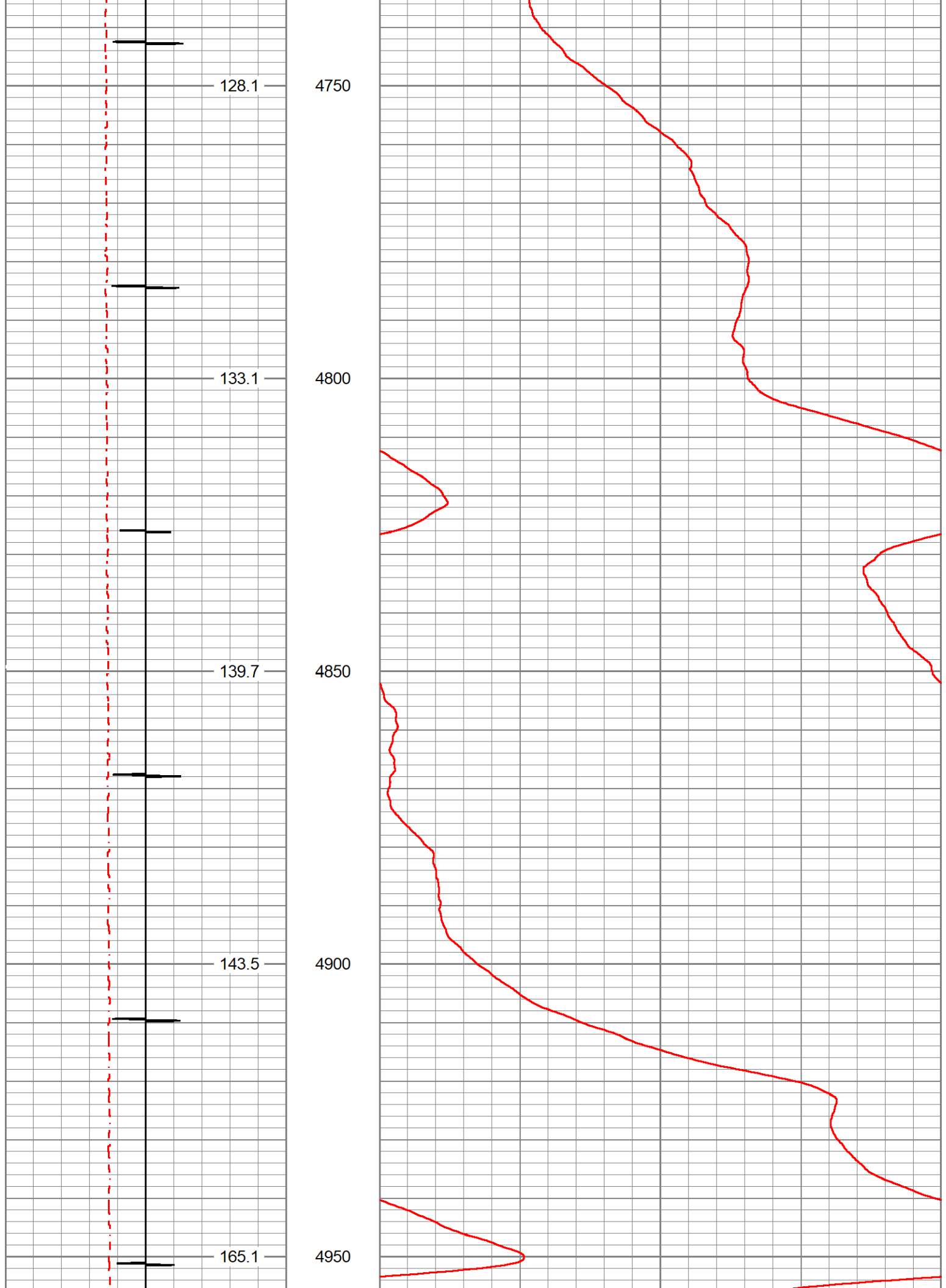
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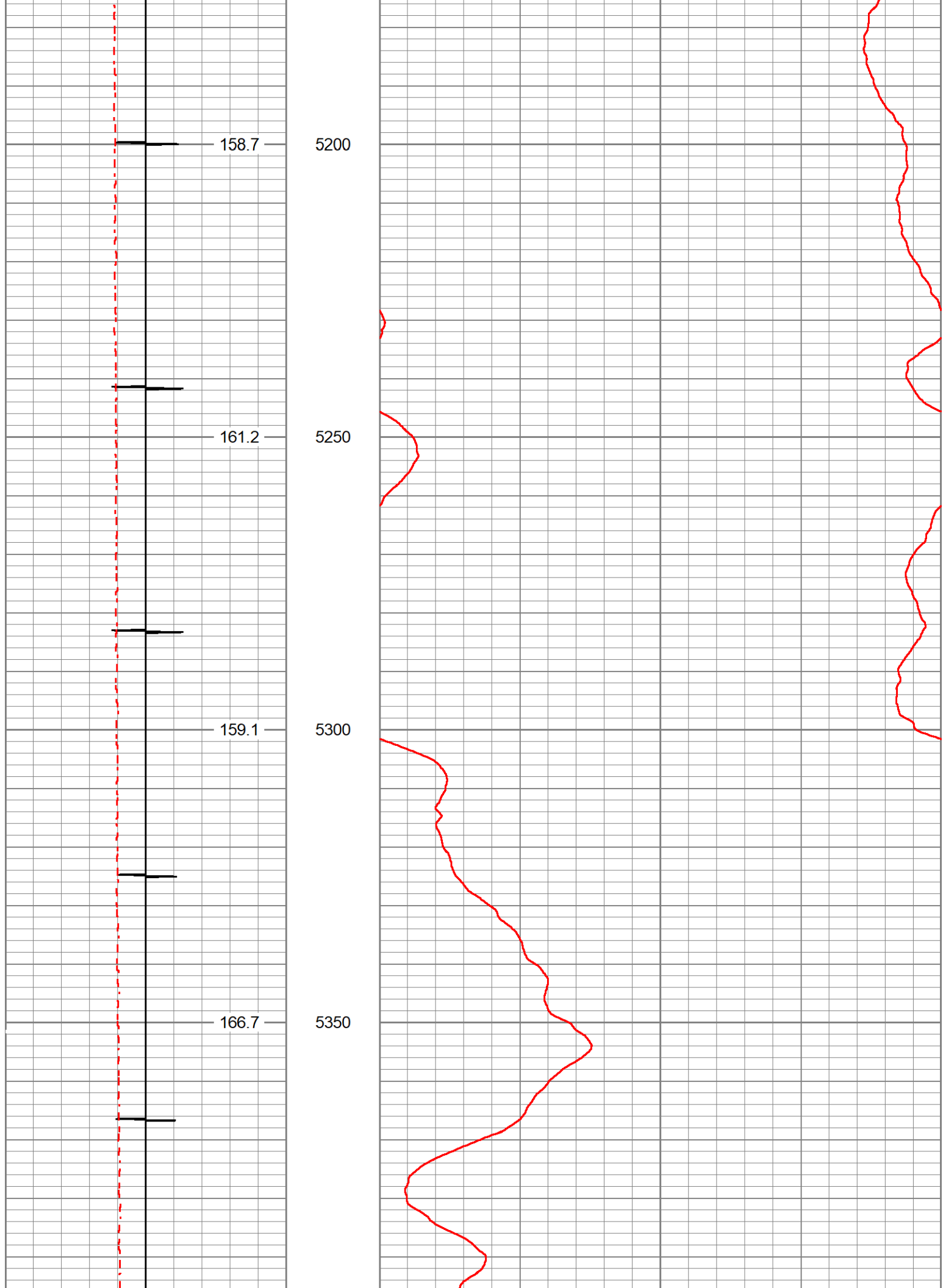
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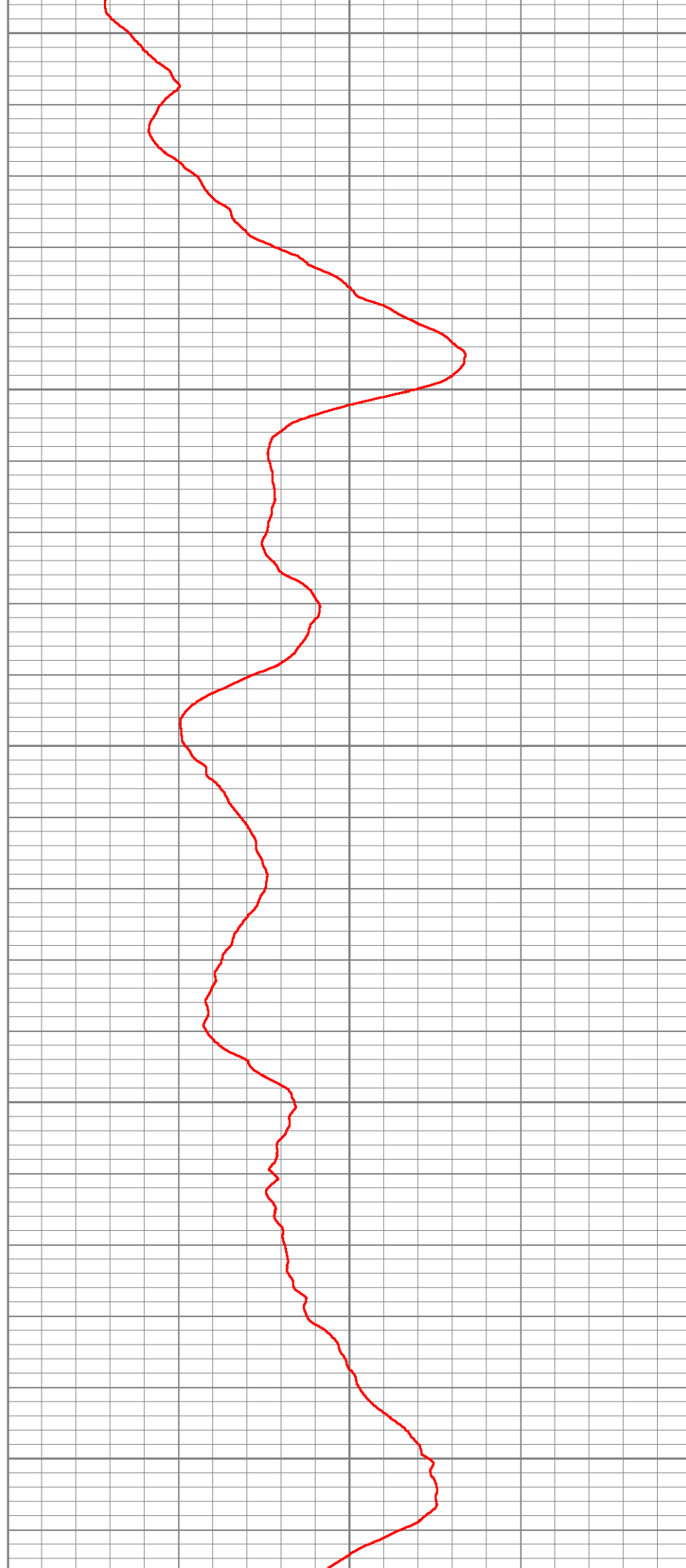
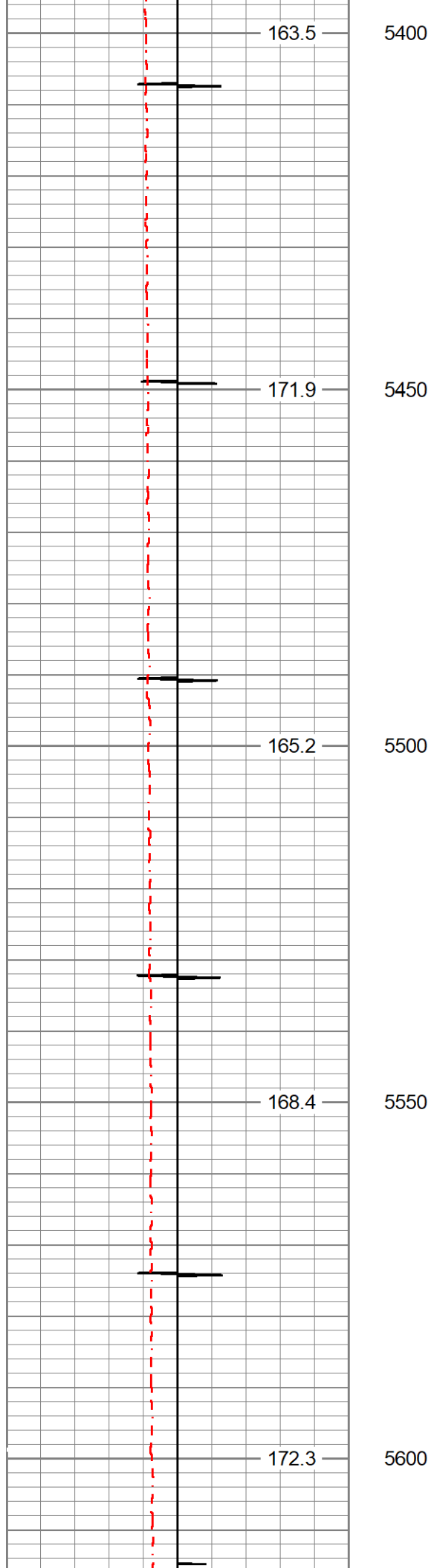
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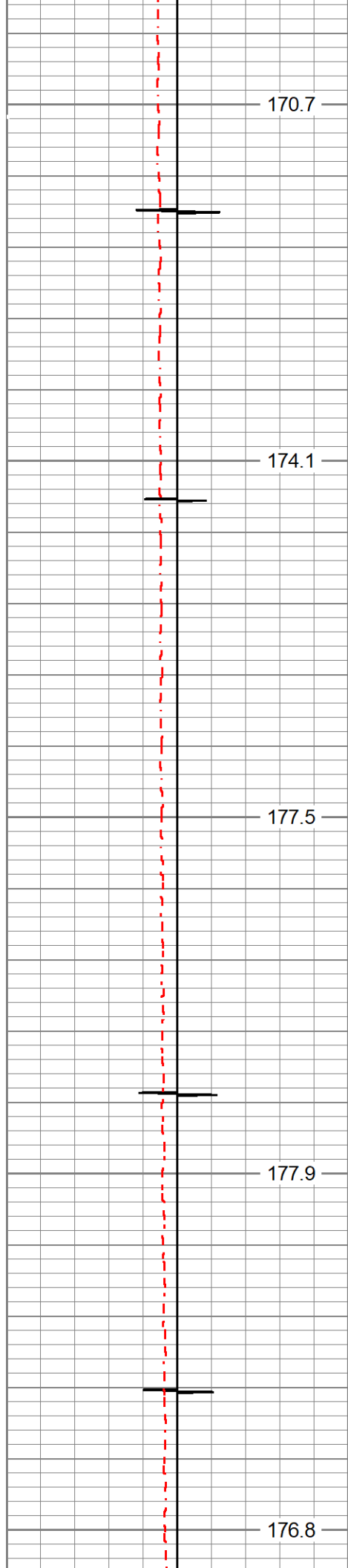


Estimated Top of Cement →









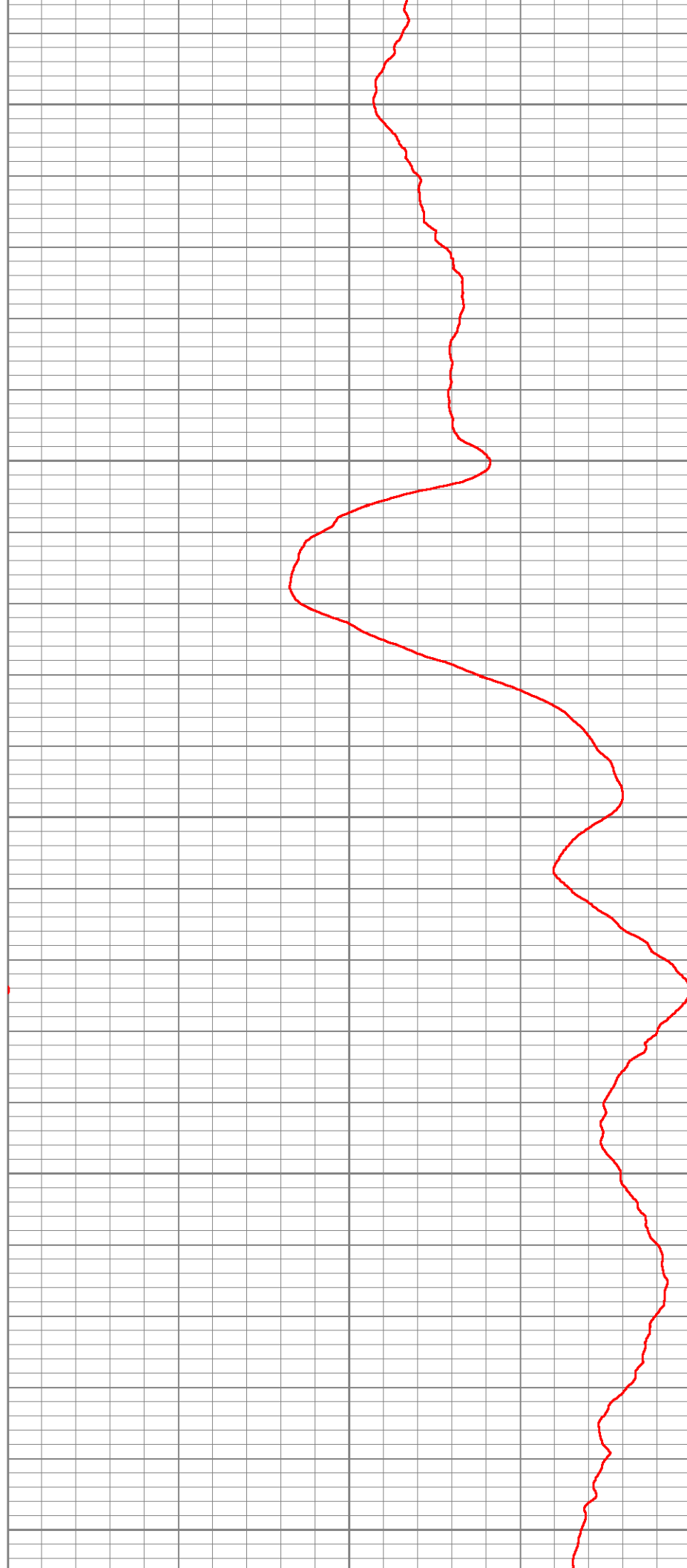
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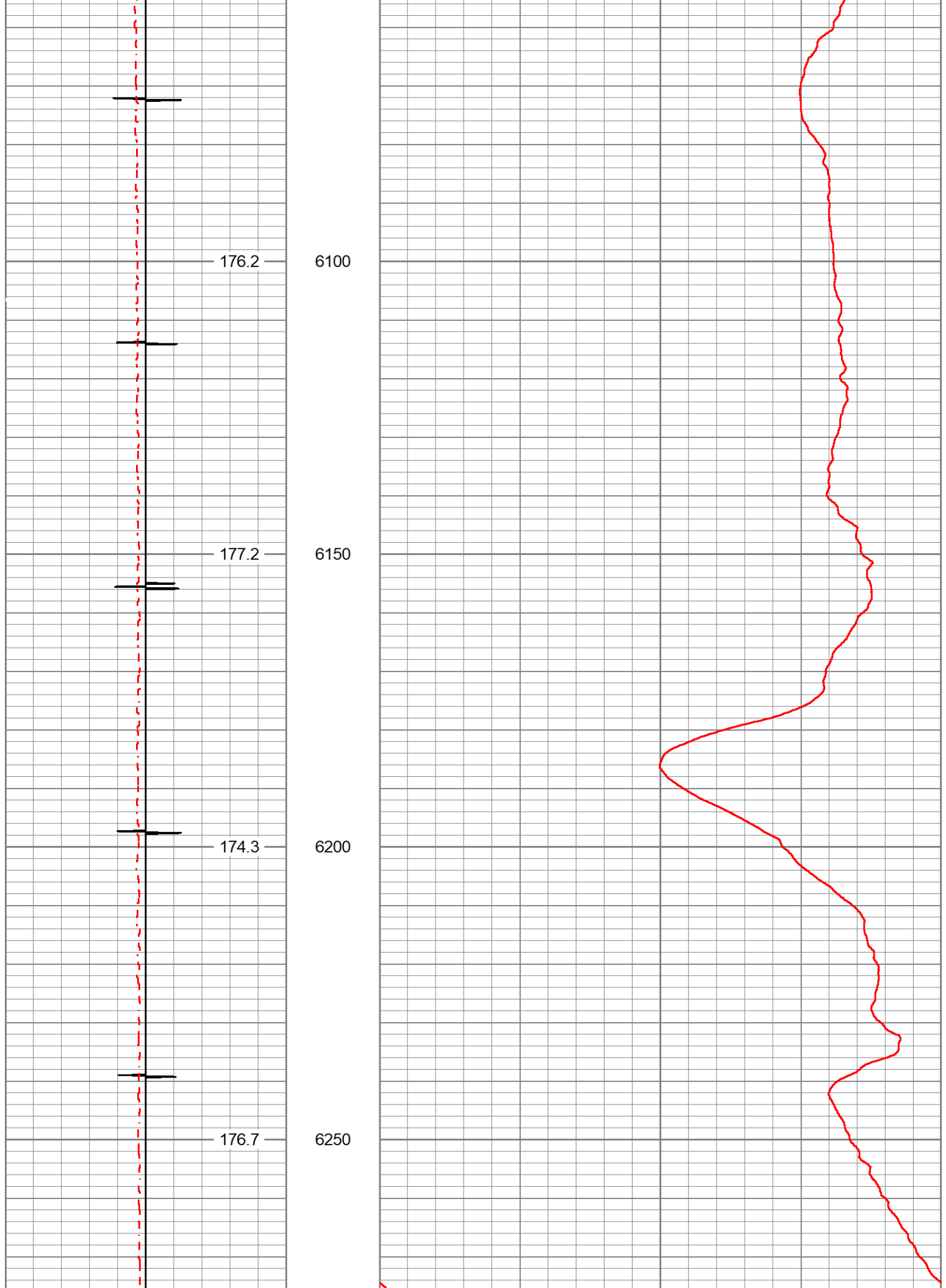
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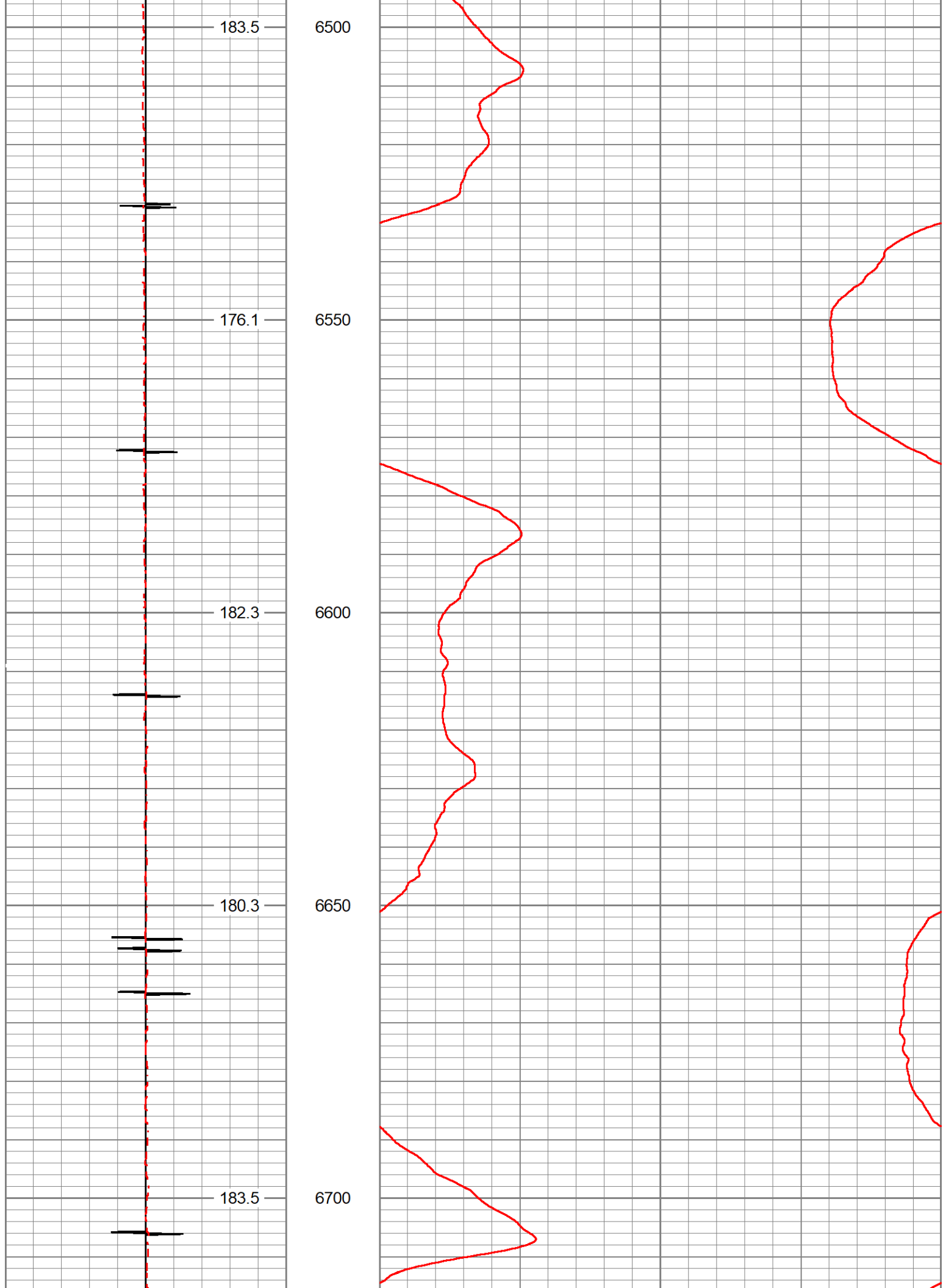
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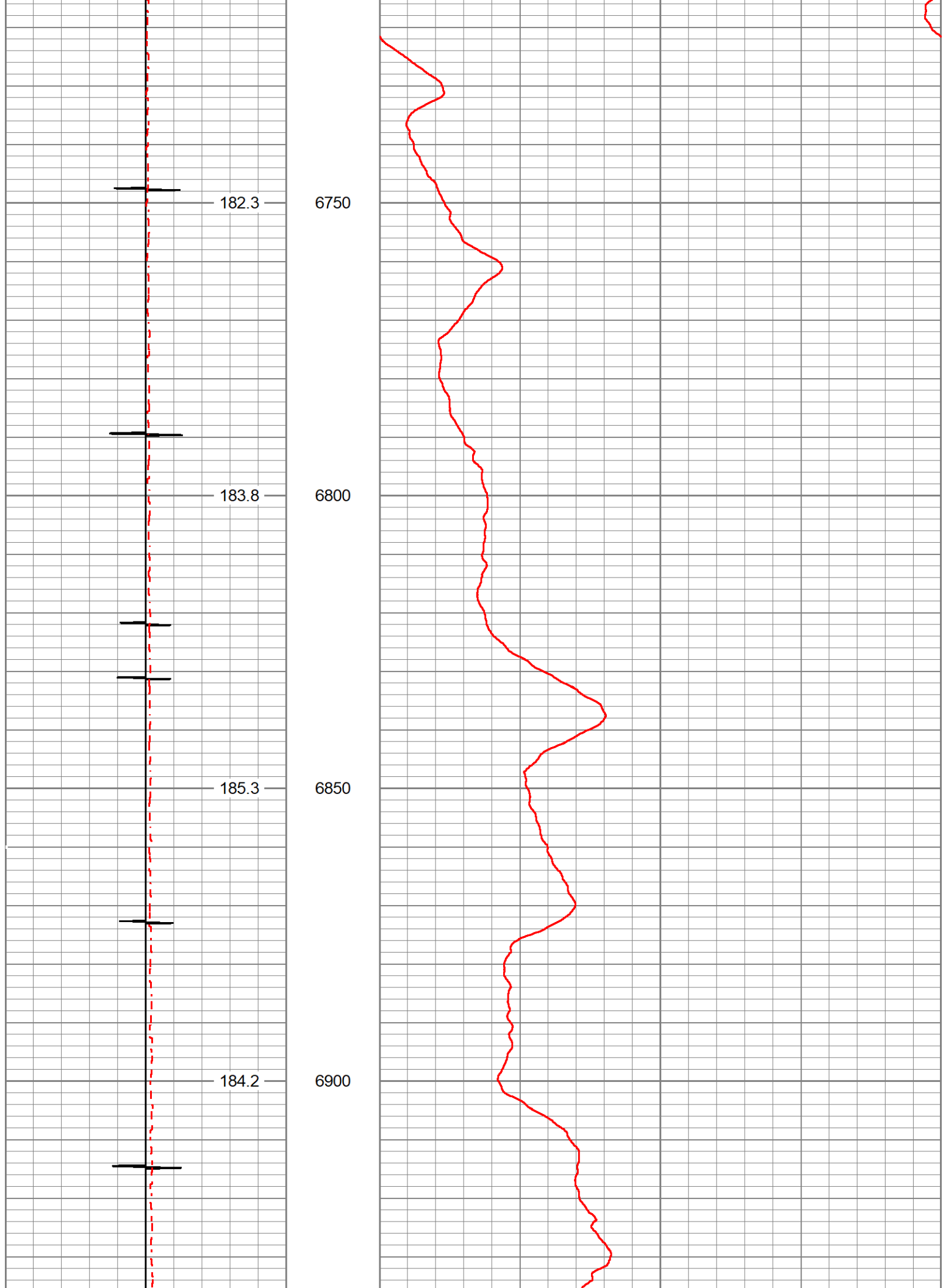
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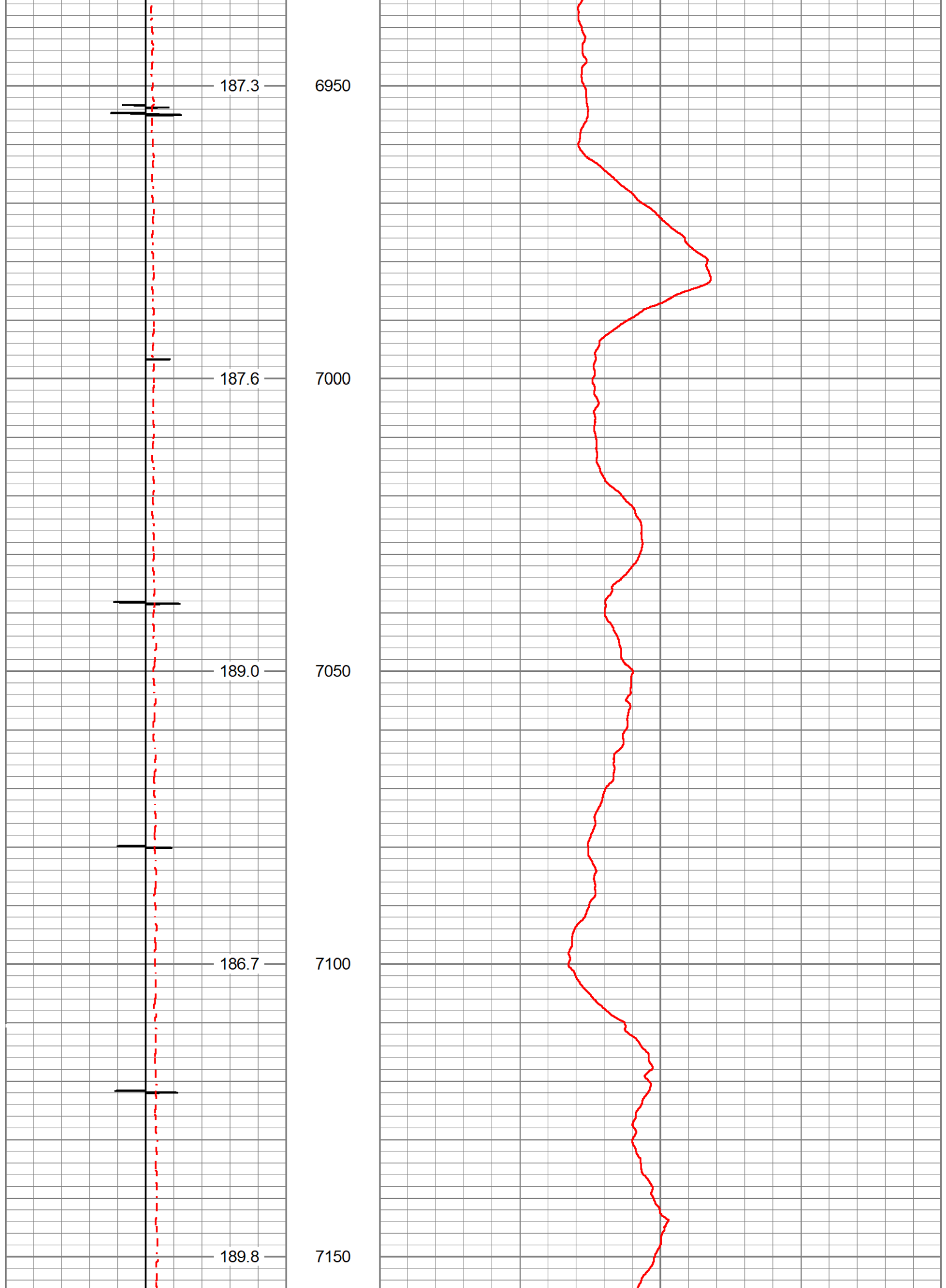
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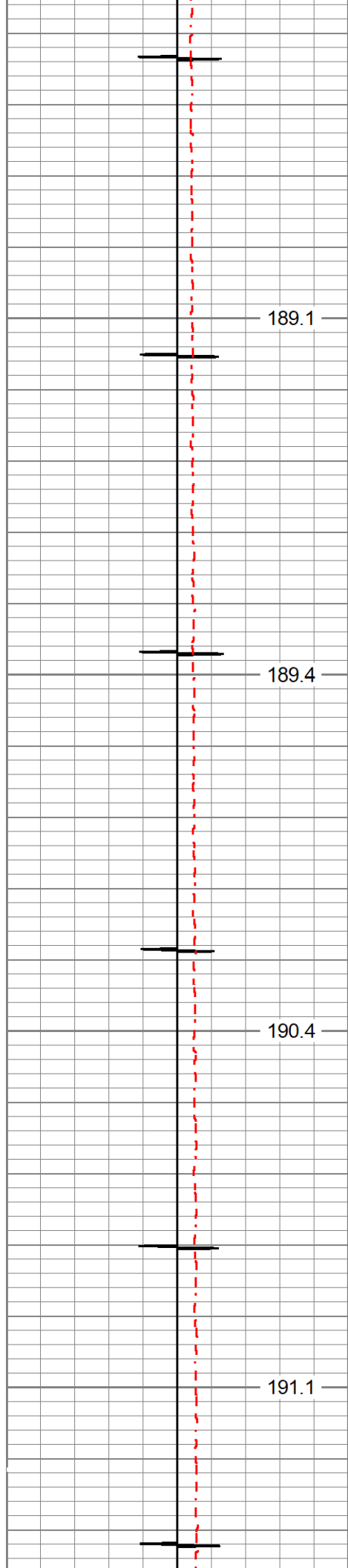












189.1

189.4

190.4

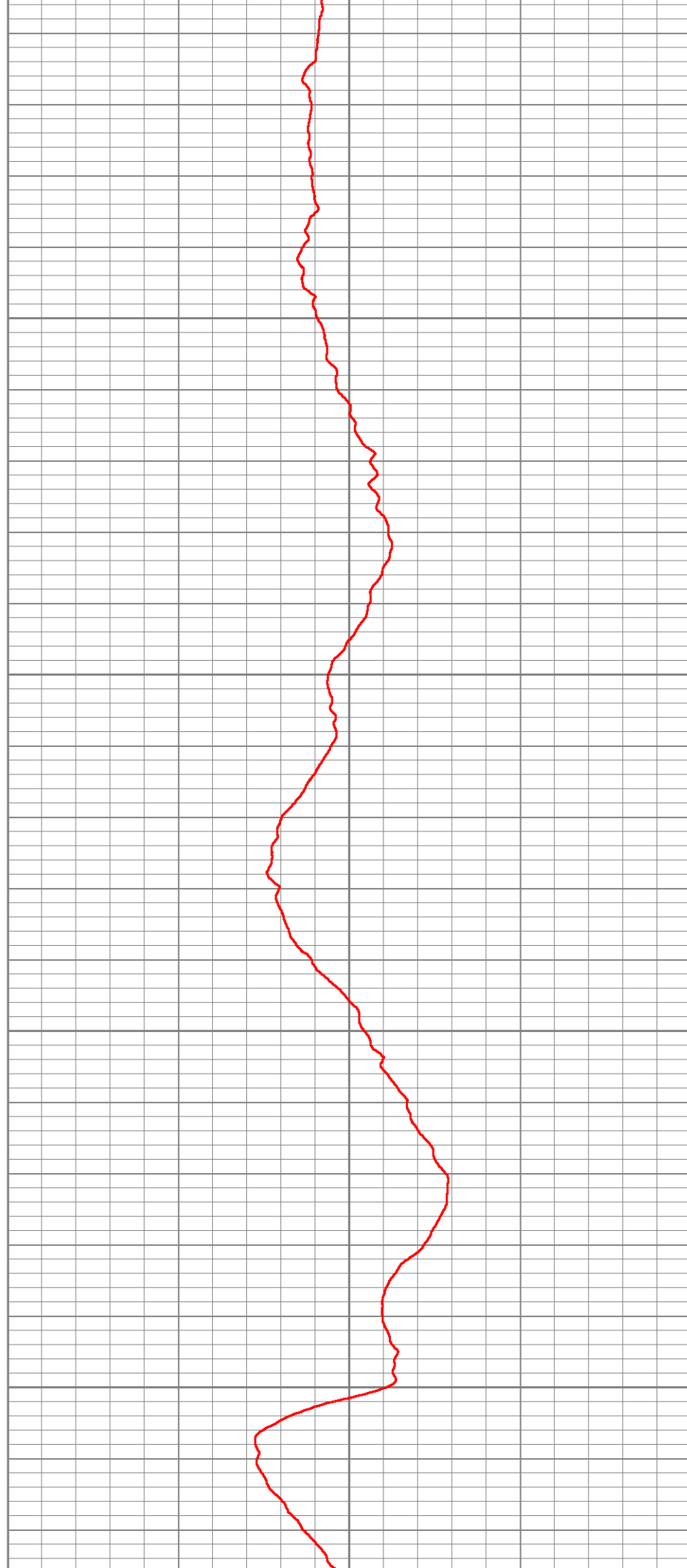
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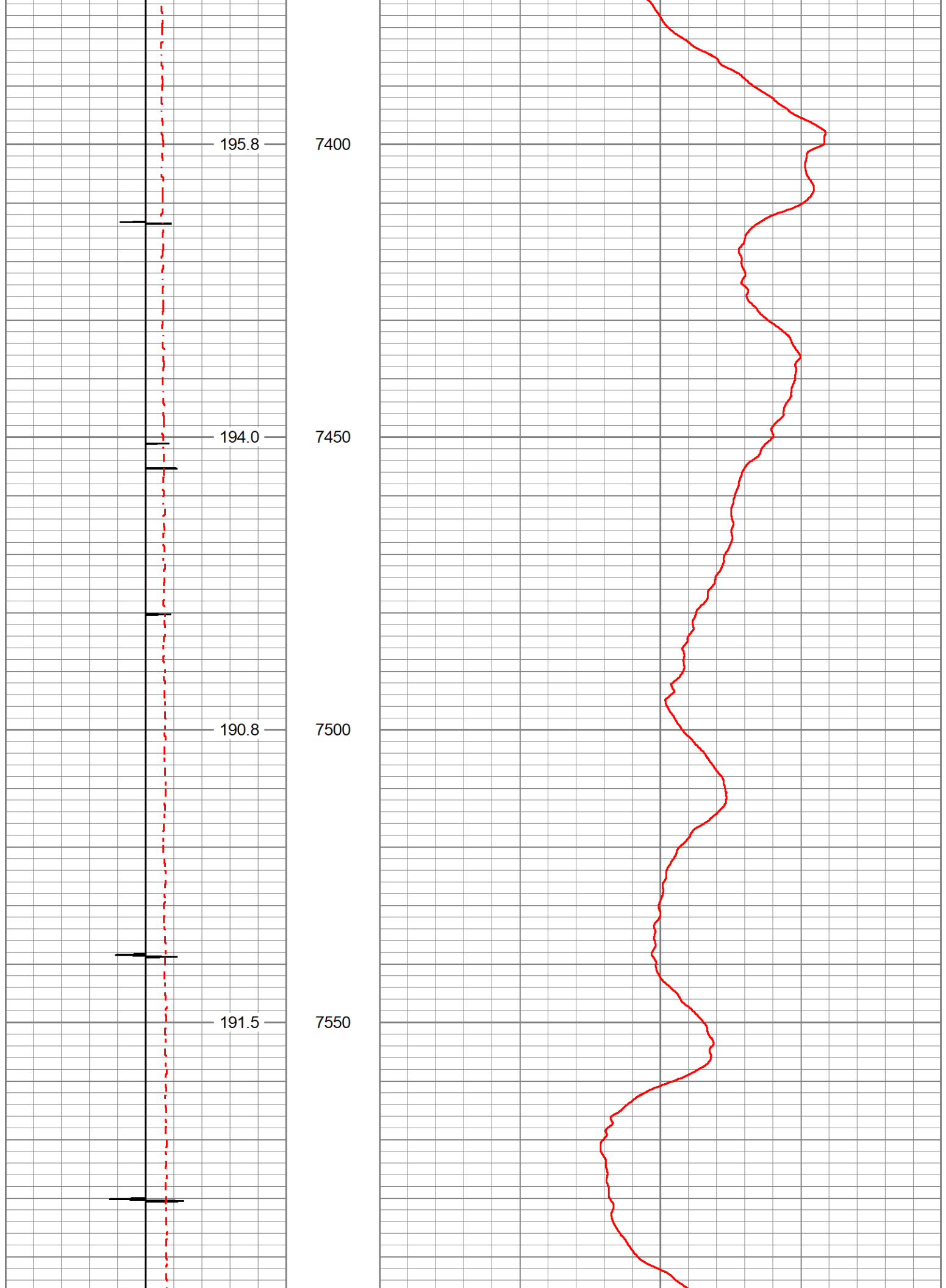
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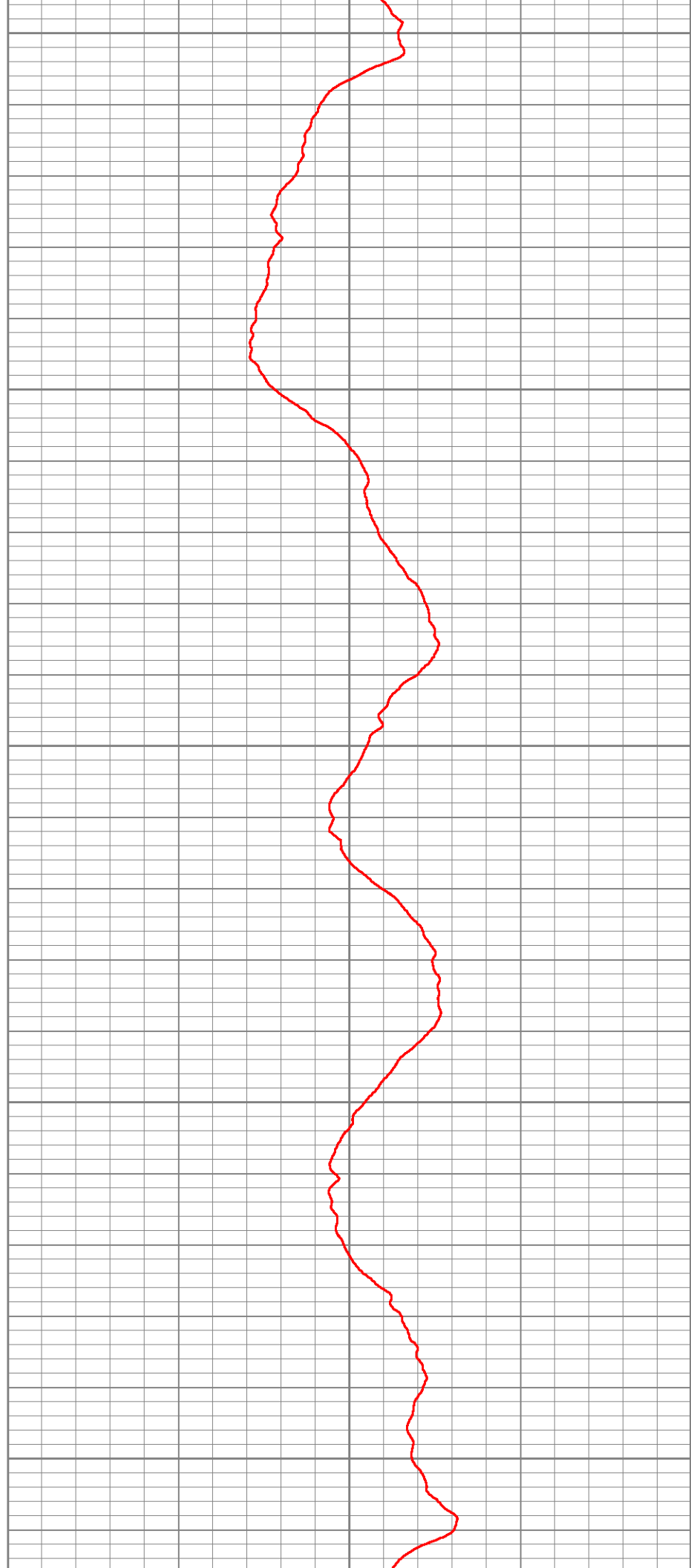
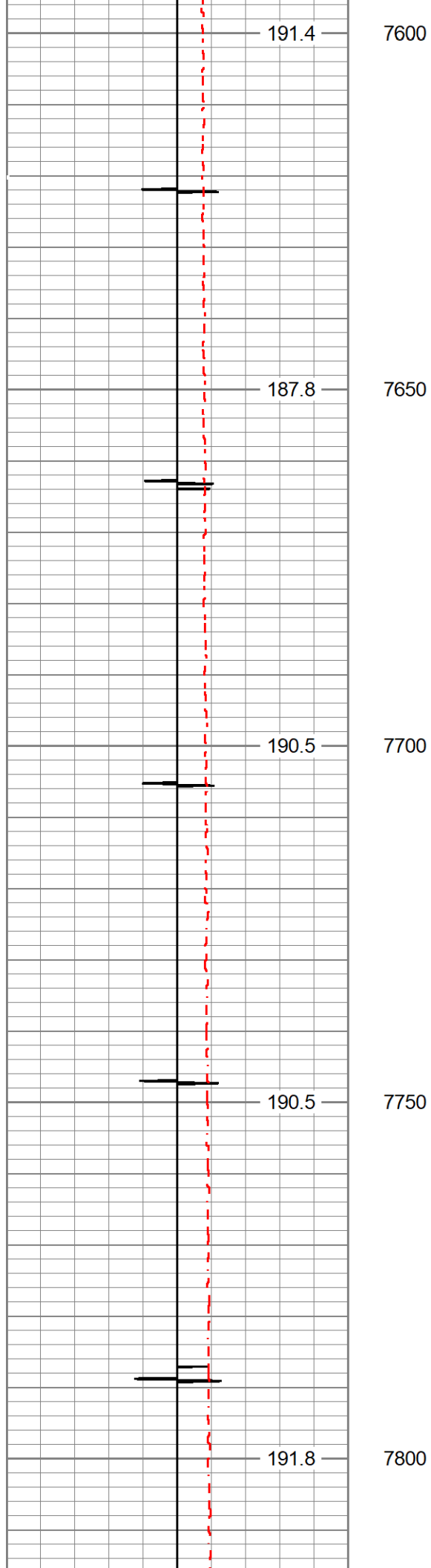
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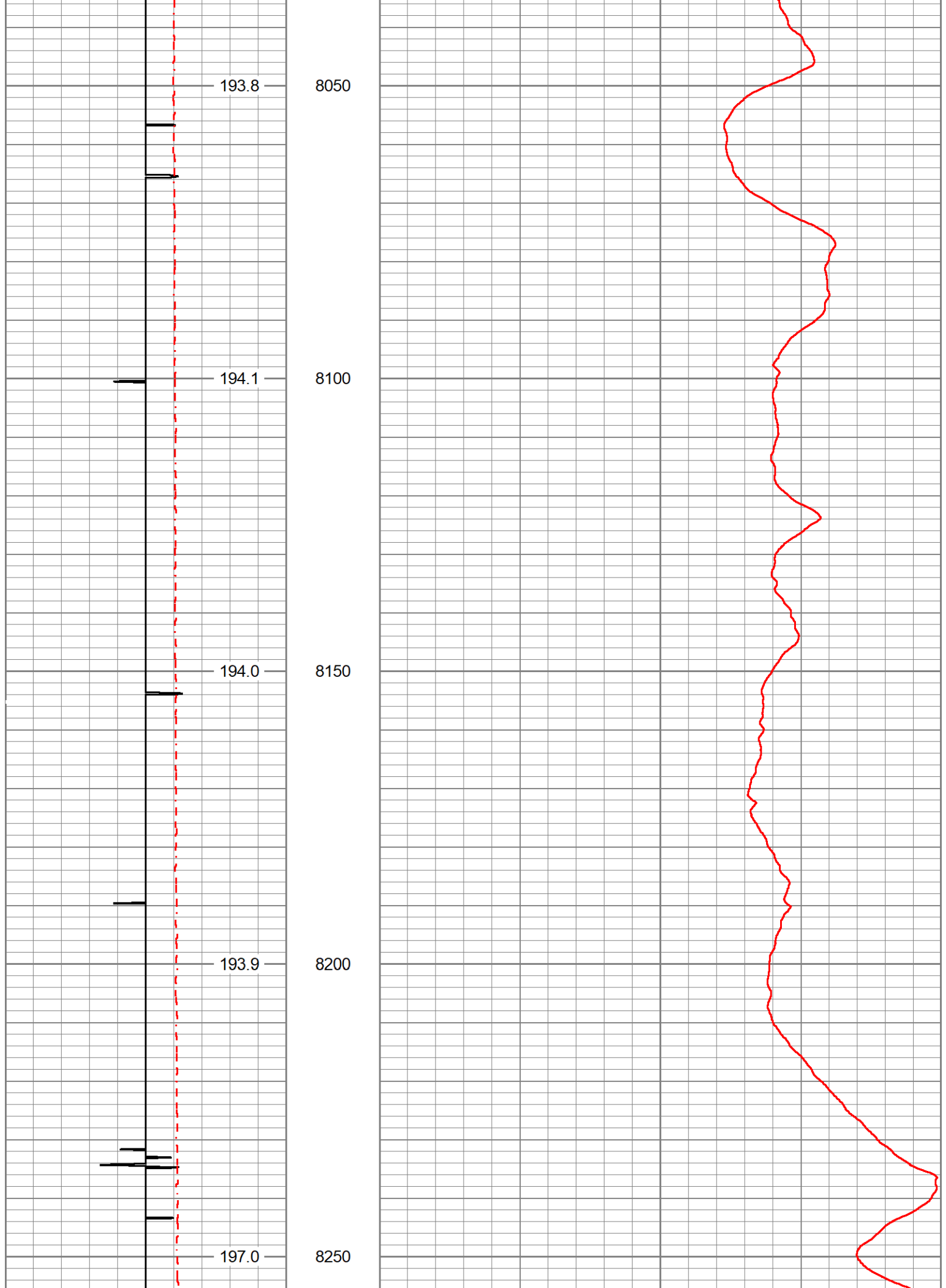
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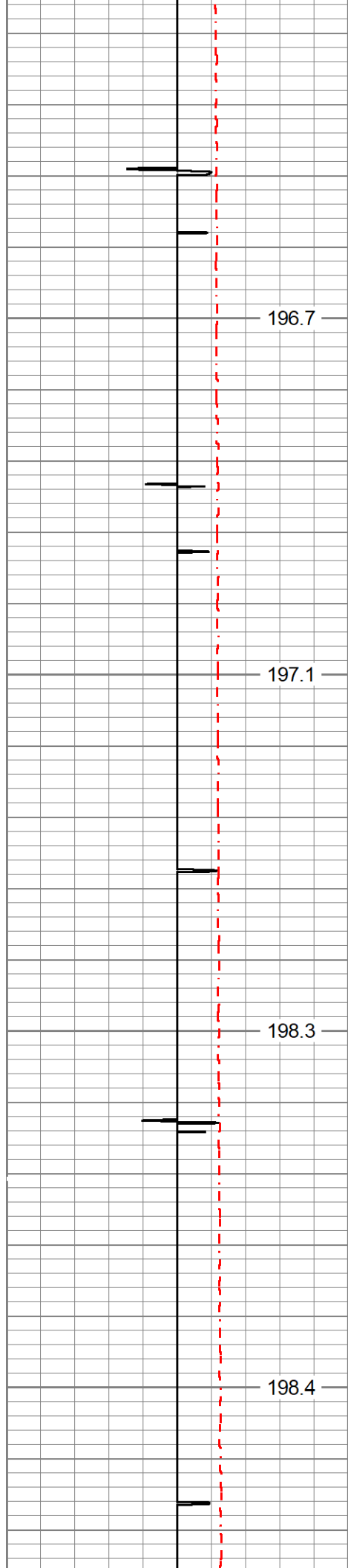
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196.7

8300

197.1

8350

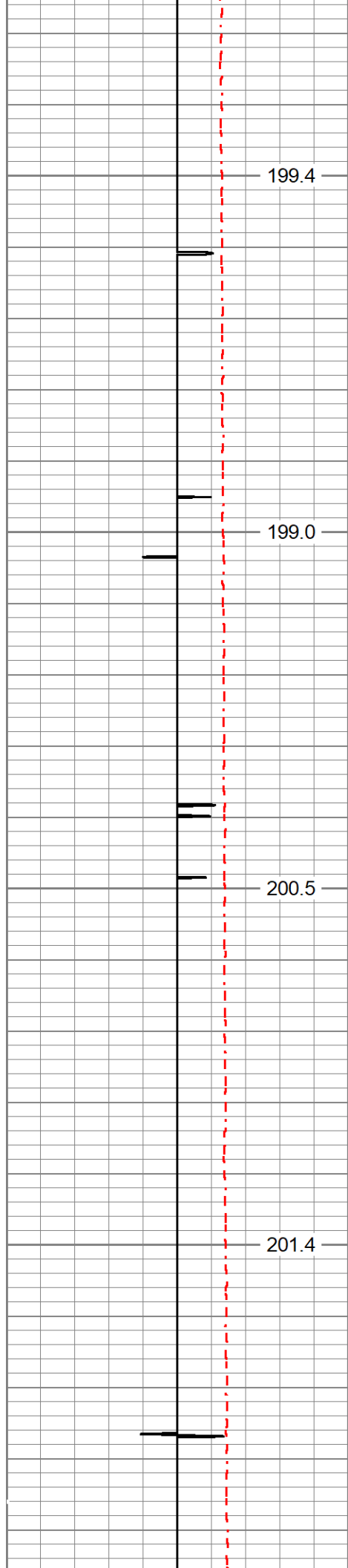
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8400

198.4

8450



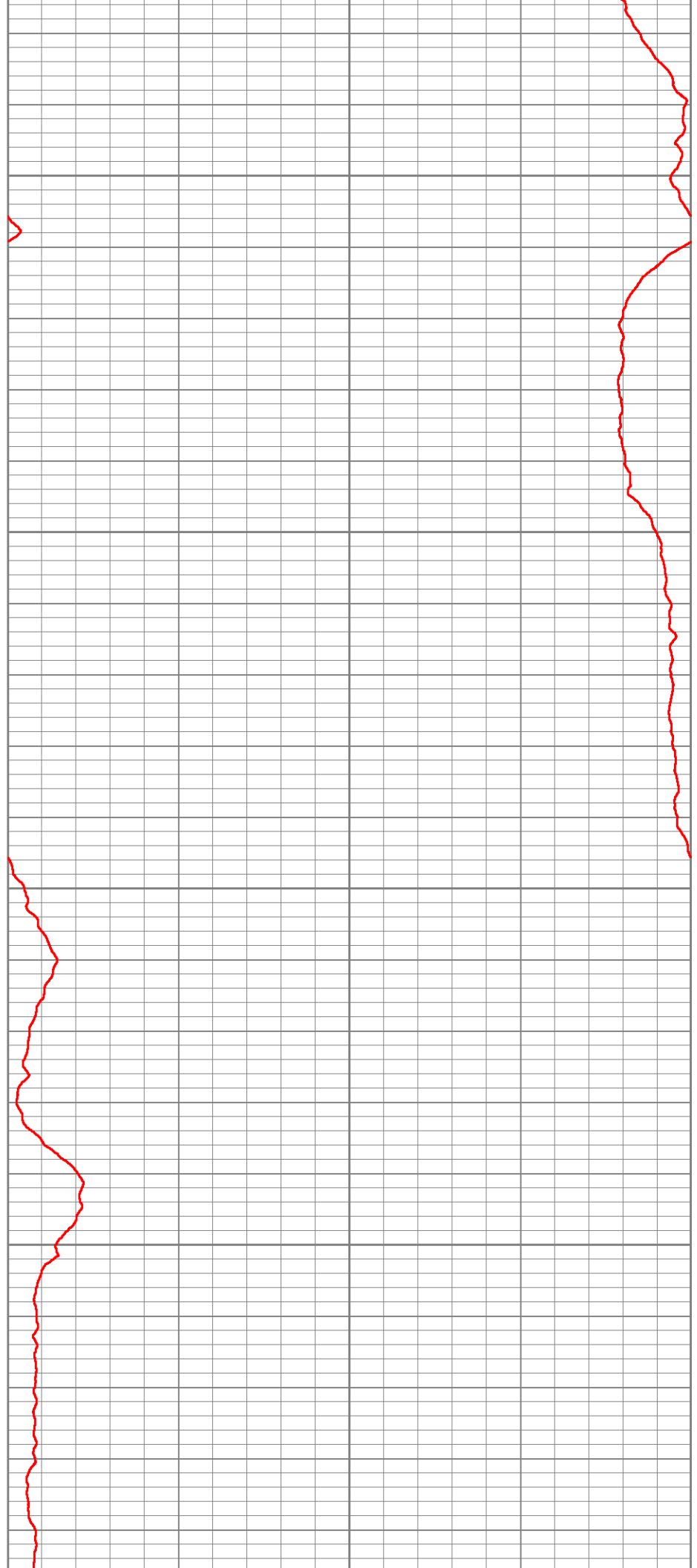


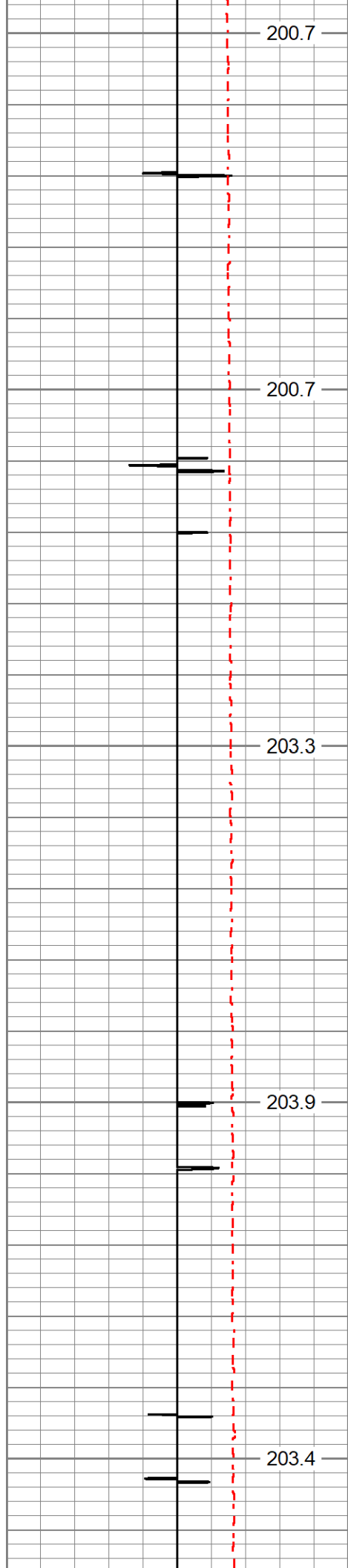
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8550

8600

8650





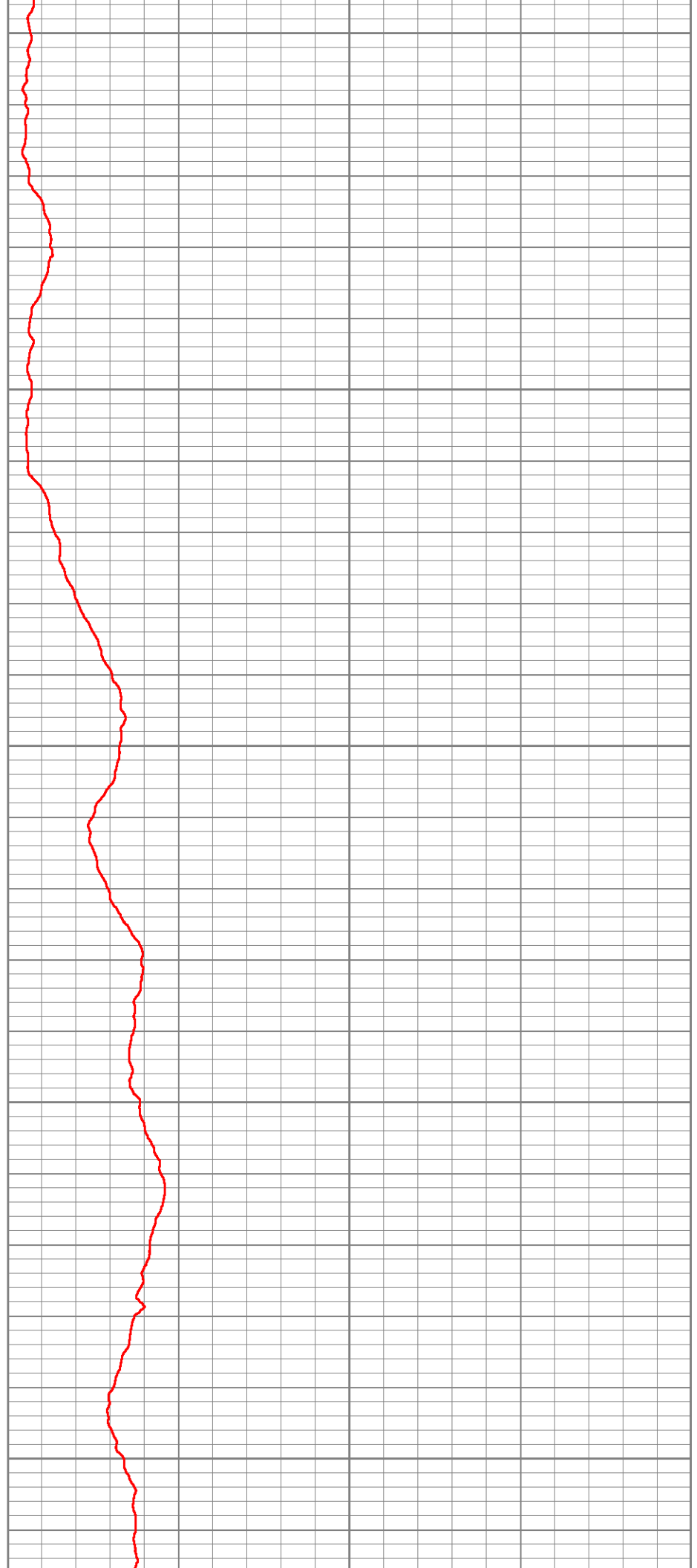
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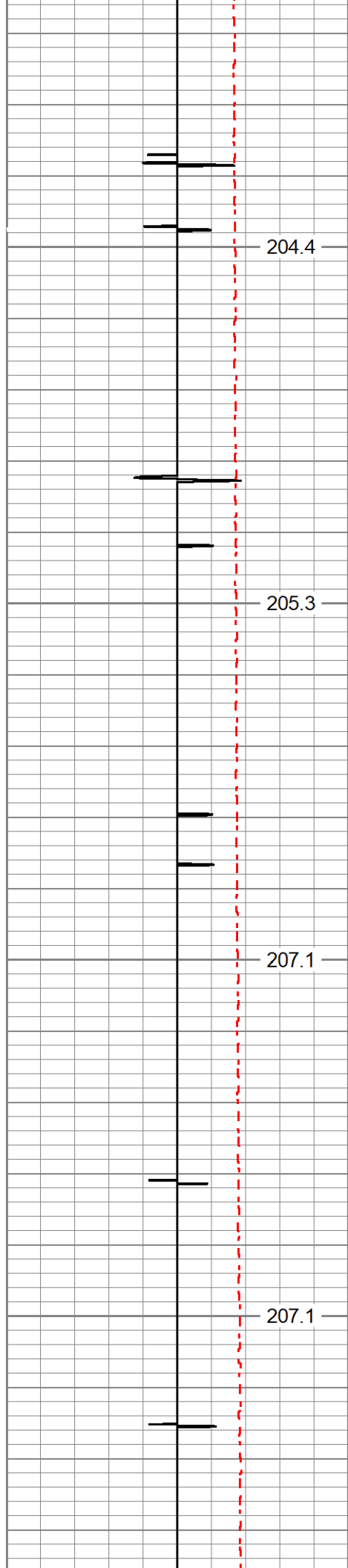
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8850

8900



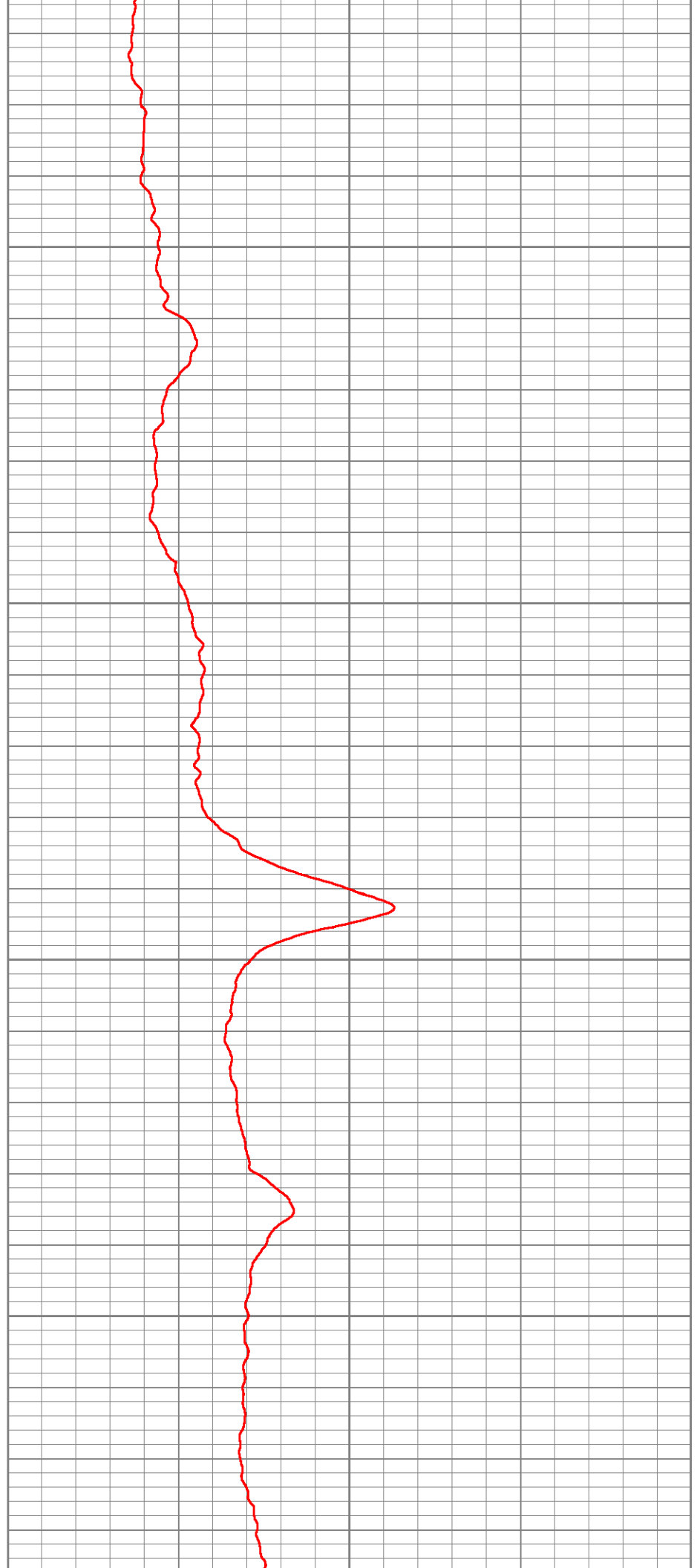


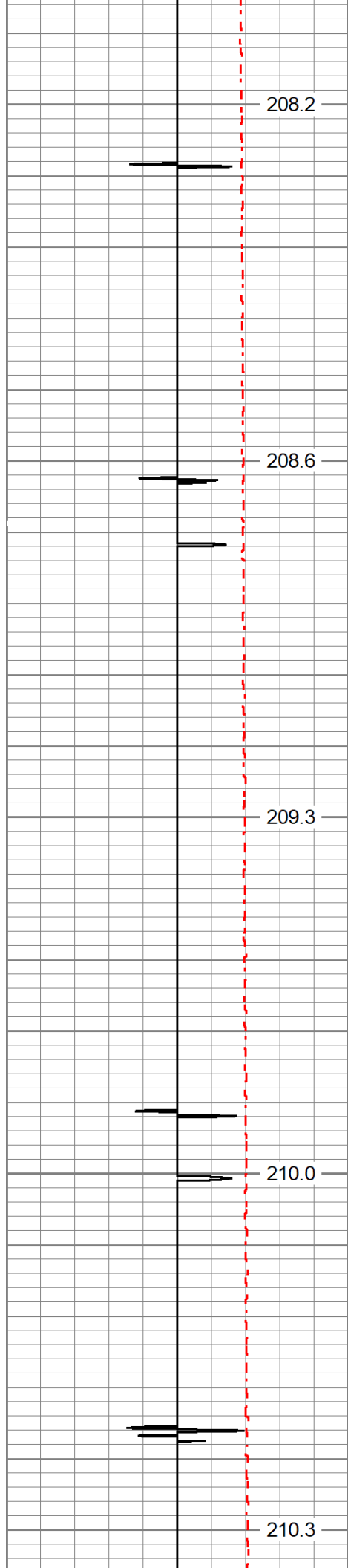
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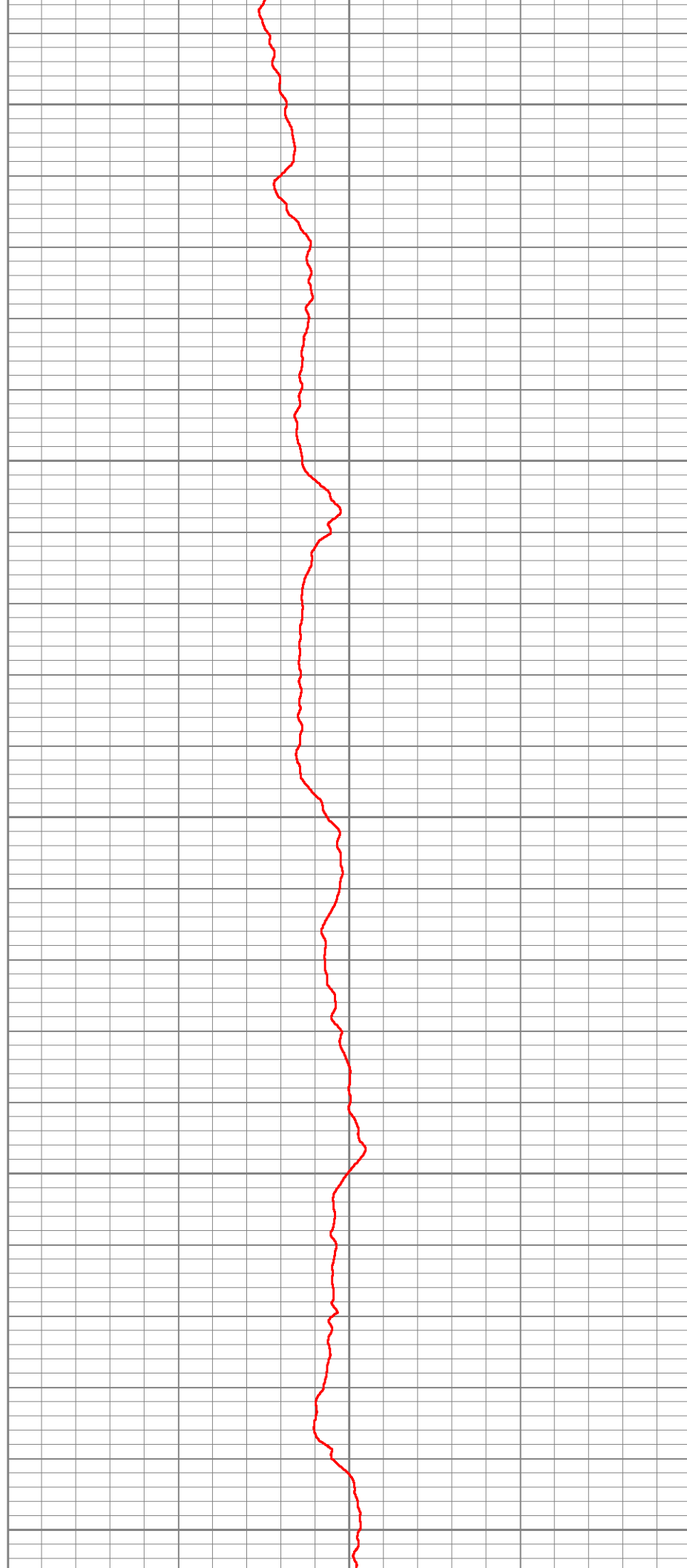
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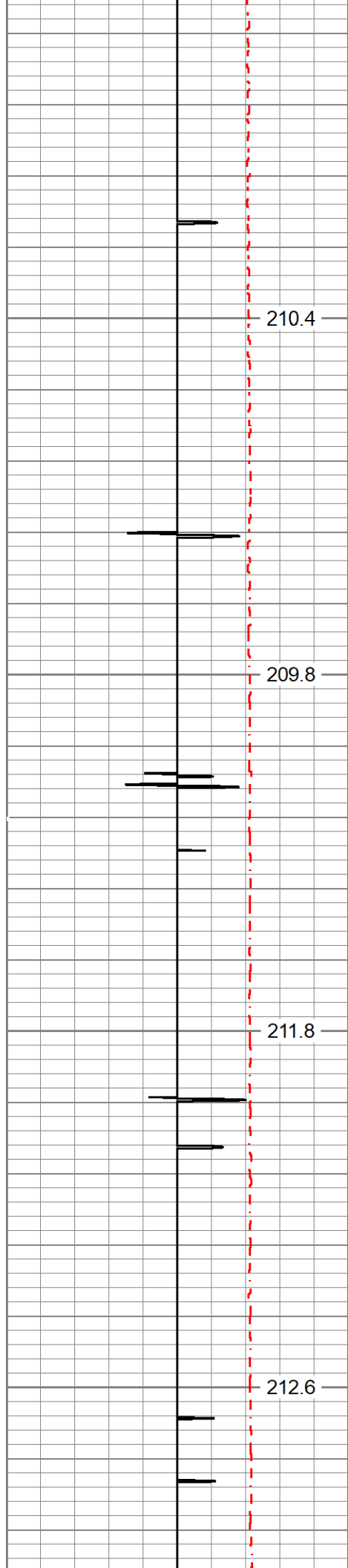
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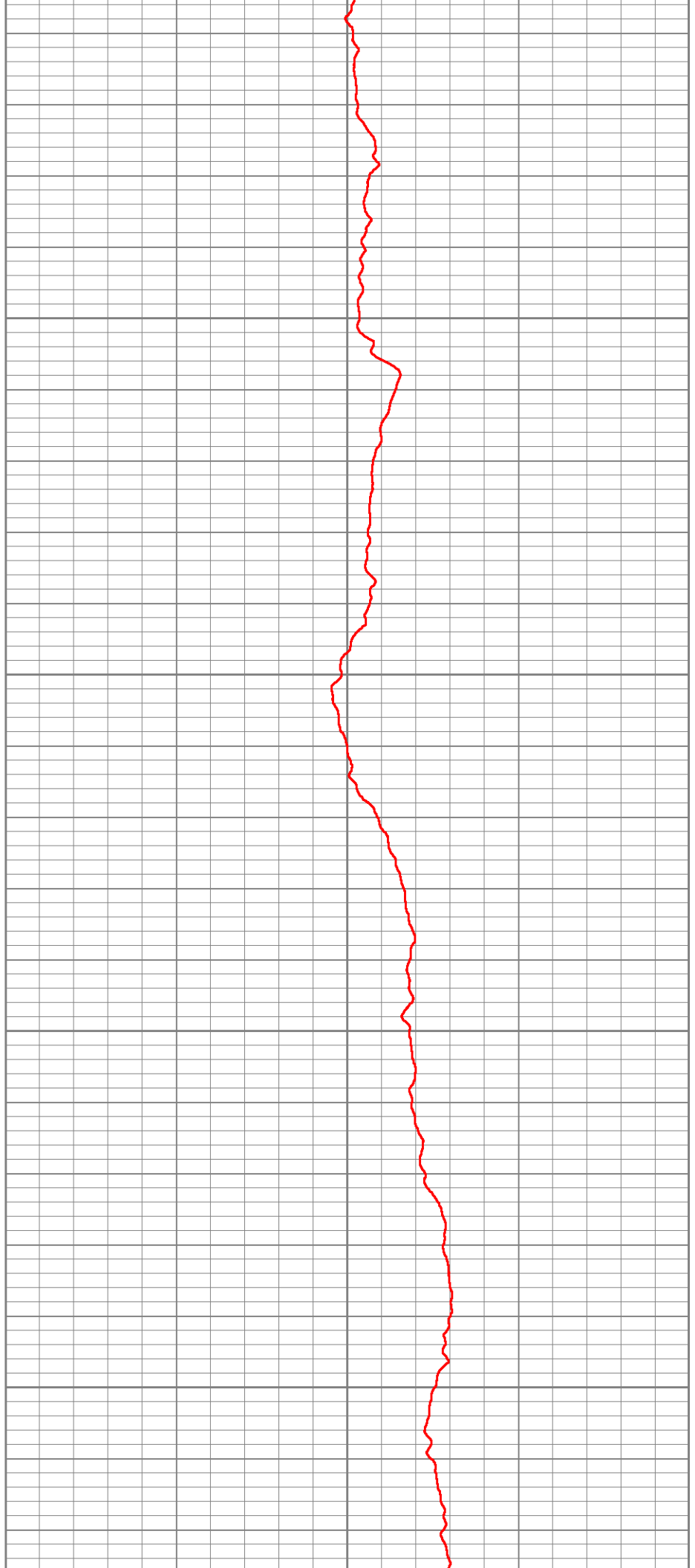


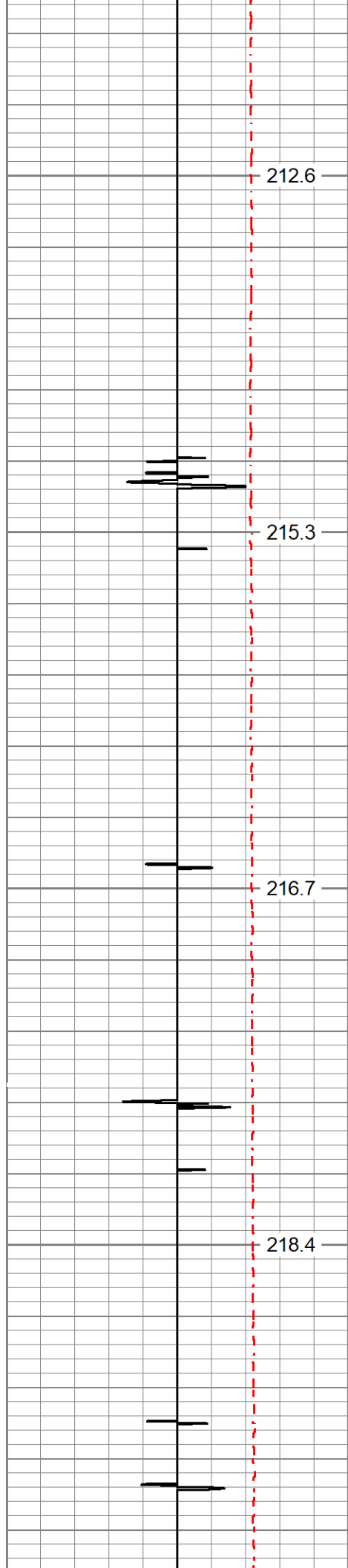
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9450

9500

9550





212.6

9600

215.3

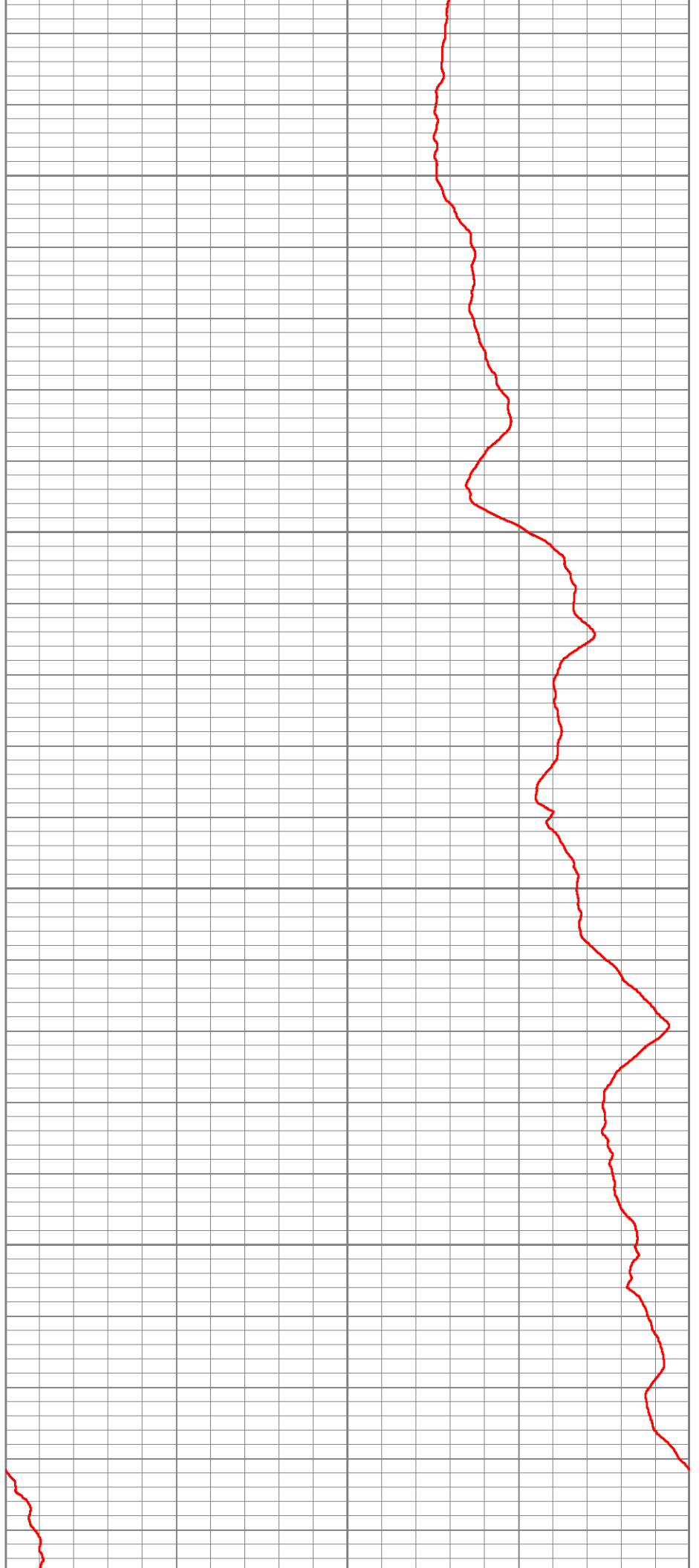
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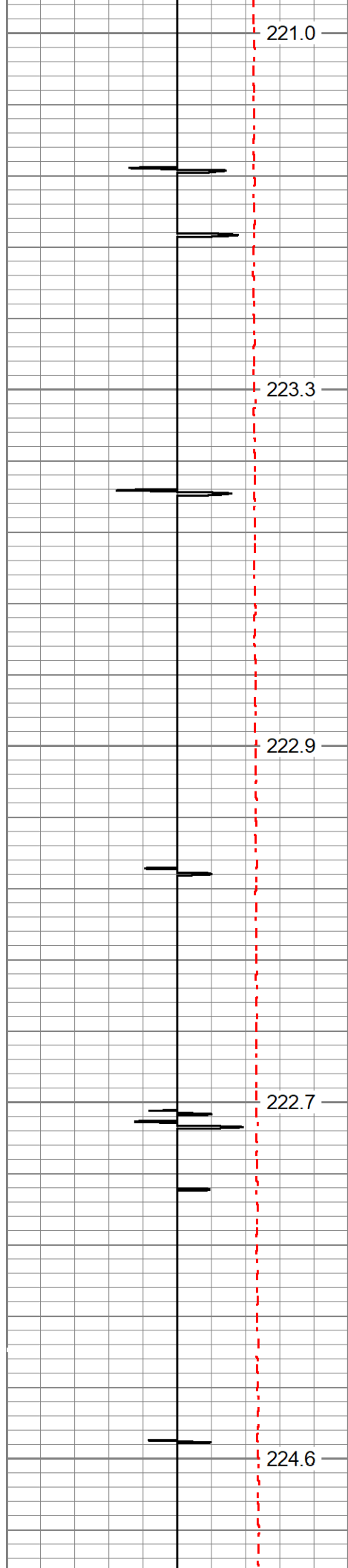
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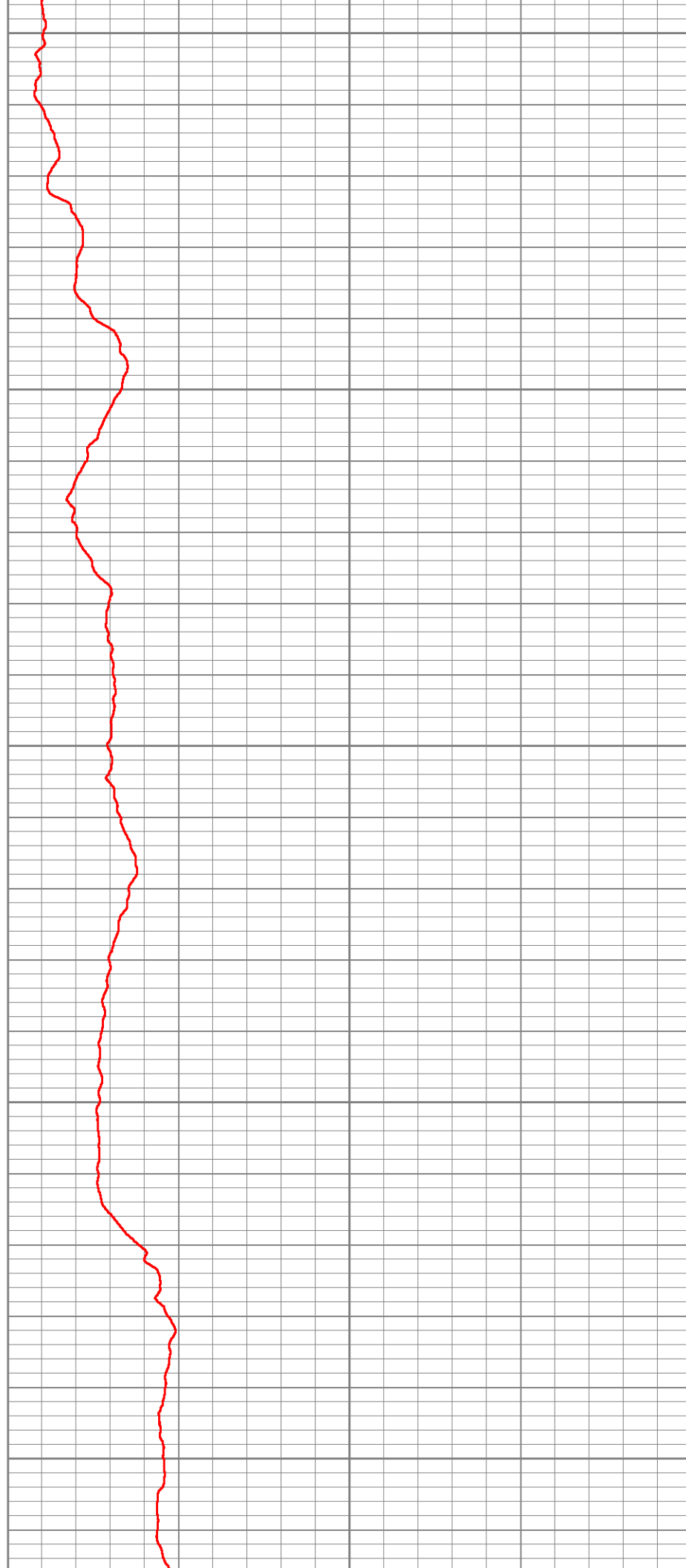
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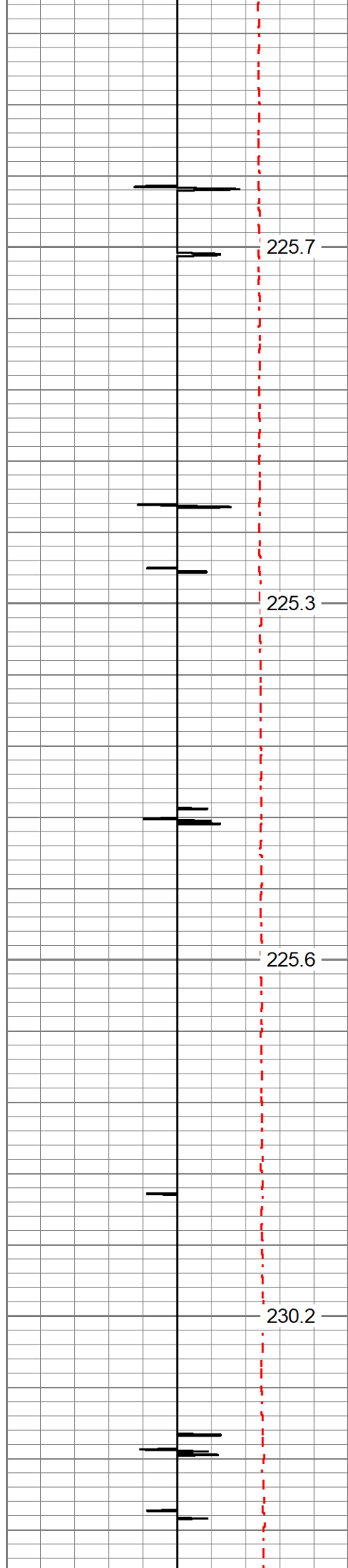
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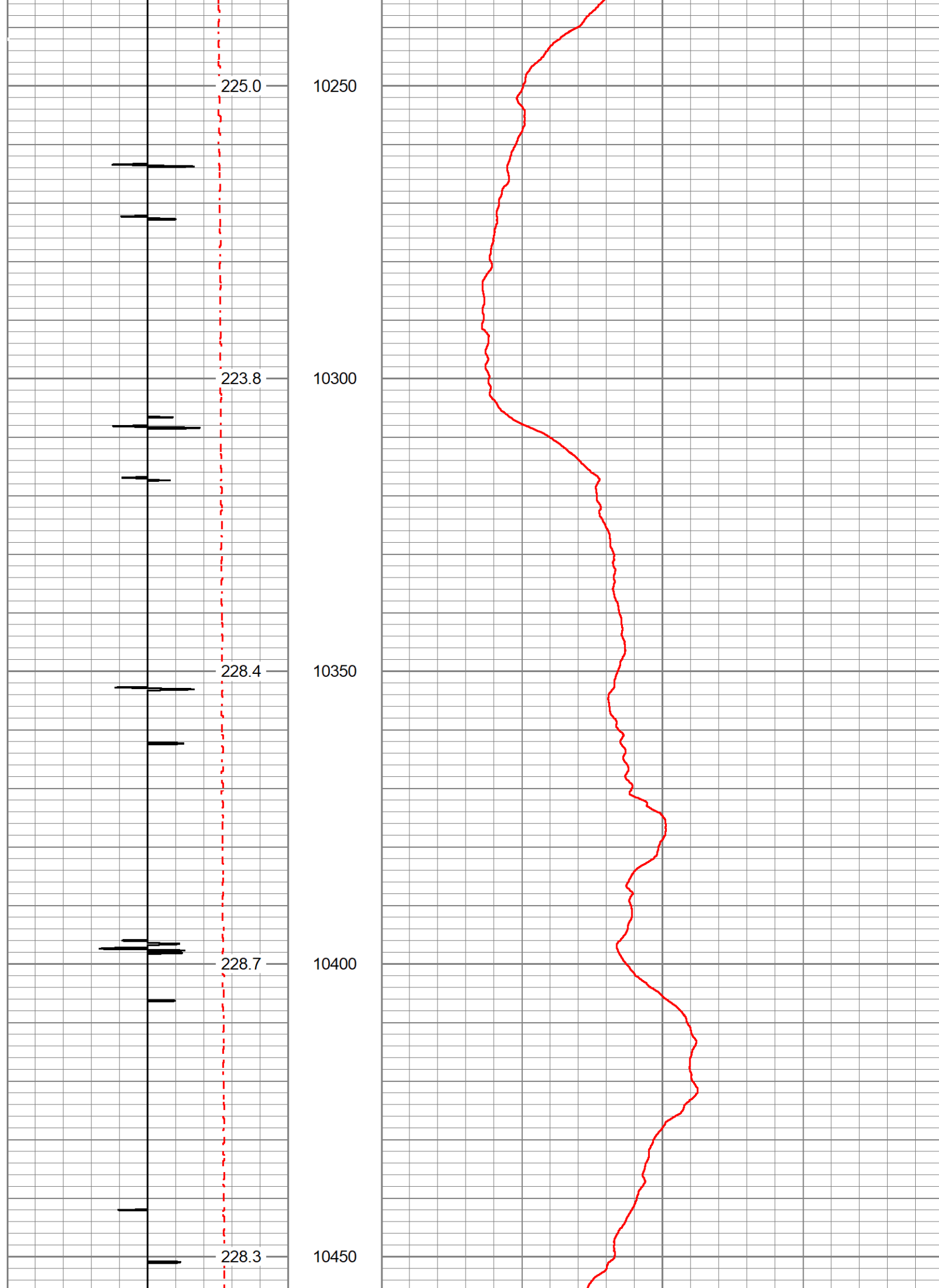


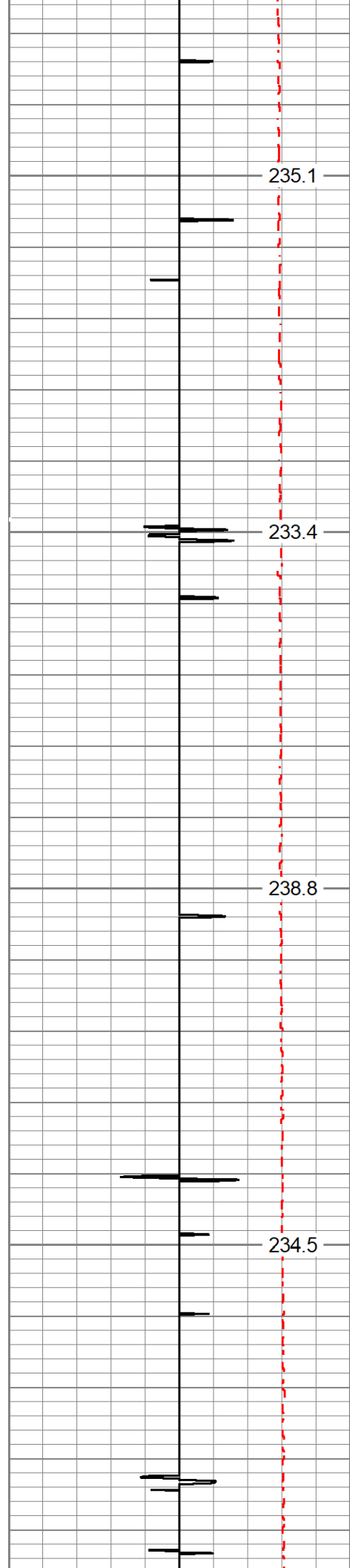
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10100

10150

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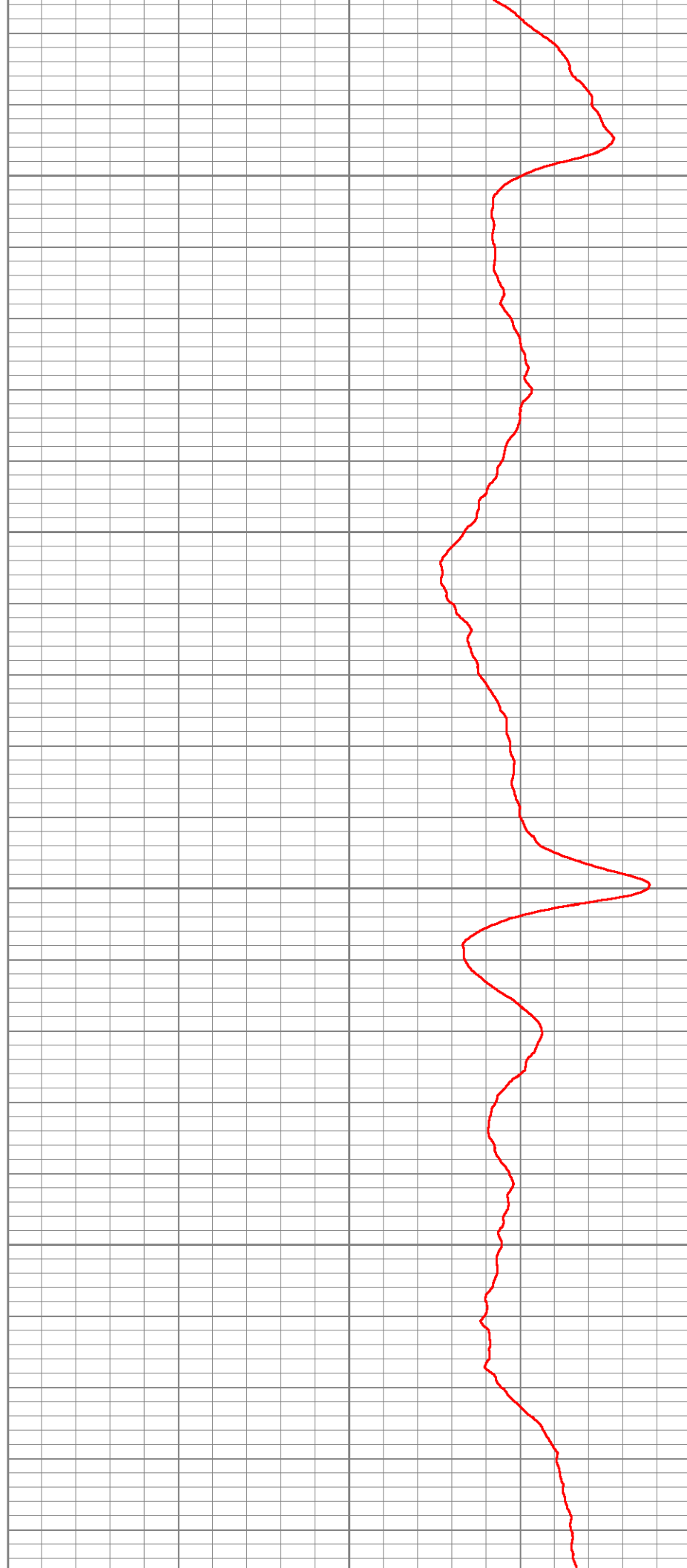


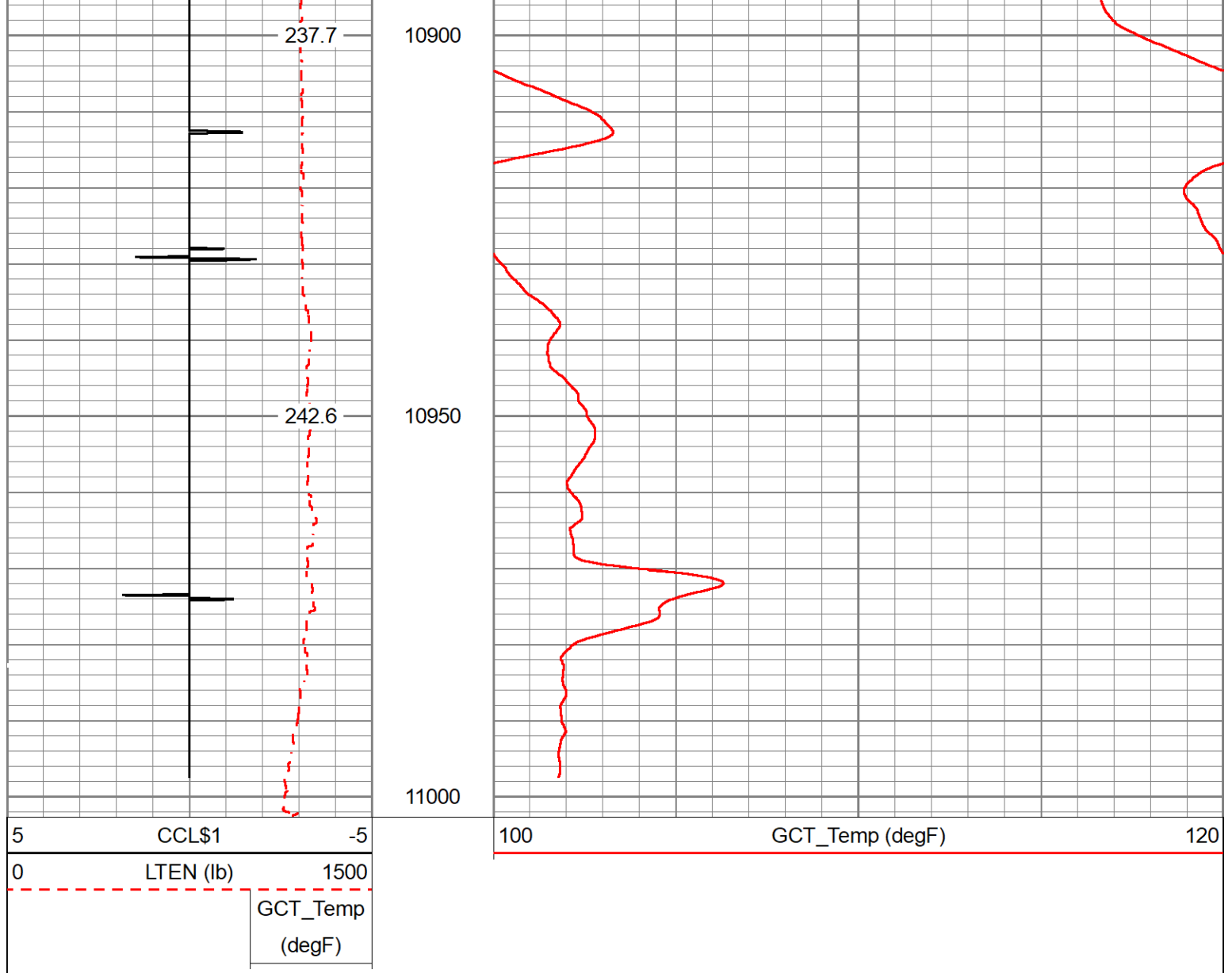
10700

10750

10800


10850





Calibration Report					
Database File	tep_wmc_411-20_temp_9-24-22.db				
Dataset Pathname	main.1				
Dataset Creation	Sat Sep 24 22:38:27 2022				
Gamma Ray Calibration Report					
Serial Number:	110255				
Tool Model:	GCTacc_6-Pin-Base				
Performed:	Thu Sep 22 15:12:49 2022				
Calibrator Value:	165.0	GAPI			
Background Reading:	72.3	cps			
Calibrator Reading:	300.9	cps			
Sensitivity:	0.7216	GAPI/cps			
Inclinometer Calibration Report					
Performed:	Thu Sep 22 15:14:31 2022				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-910.00	1566.00	-1.00	1.00	gee

Y Accelerometer	-989.00	1748.00	-1.00	1.00	gee
Z Accelerometer	1.02	-895.47	0.00	1.00	gee

Company	TEP Rocky Mountain LLC			
Well	Federal WMC 411-20			
Field	Rulison			
County	Garfield	State	Colorado	
		Temperature Casing Collar Log		