



Temperature
Casing Collar Log

Company		TEP Rocky Mountain LLC	
Well		Federal WMC 431-20	
Field		Rulison	
County		Garfield	
State		Colorado	
Location:		API # : 05-045-24499	
SEC 17 TWP 7S RGE 93W		Other Services	
Permanent Datum		Ground Level	Elevation 8869
Log Measured From		Kelly Bushing	K.B. 8899 FT
Drilling Measured From		Kelly Bushing	D.F. 8898 FT
			G.L. 8869 FT
Date	20-DEC-2022		
Run Number	One		
Depth Driller	11015 FT		
Depth Logger	10914 FT		
Bottom Logged Interval	10914 FT		
Top Log Interval	Surface		
Open Hole Size	8.75"		
Type Fluid	Water		
Density / Viscosity	8.34 Lb/Gal		
Max. Recorded Temp.	237°F		
Estimated Cement Top	6210 FT		
Time Well Ready	ROA		
Time Logger on Bottom	19:00		
Equipment Number	8045		
Location	Grand Junction		
Recorded By	P. Edwards		
Witnessed By	R. Smith		
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!

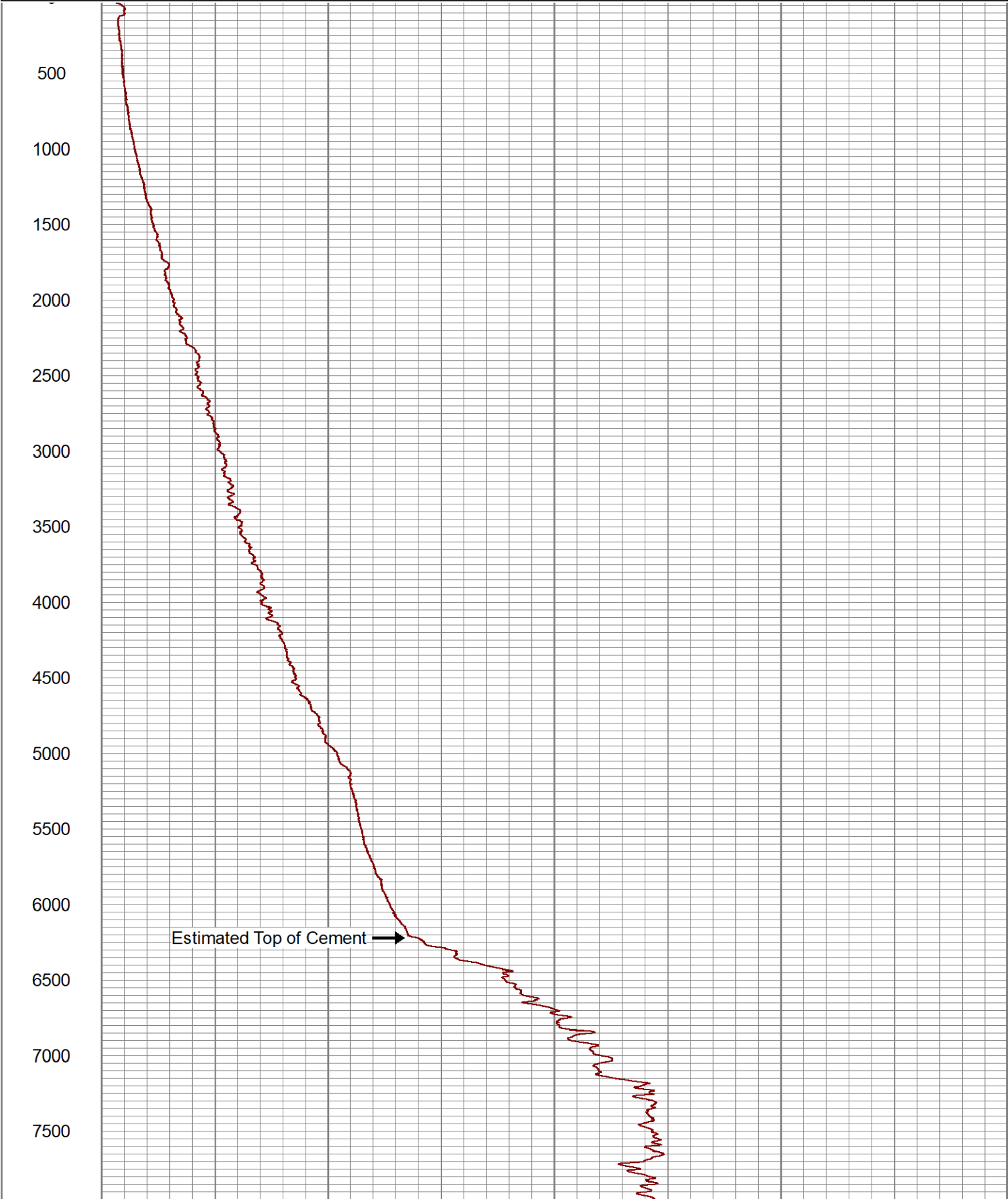


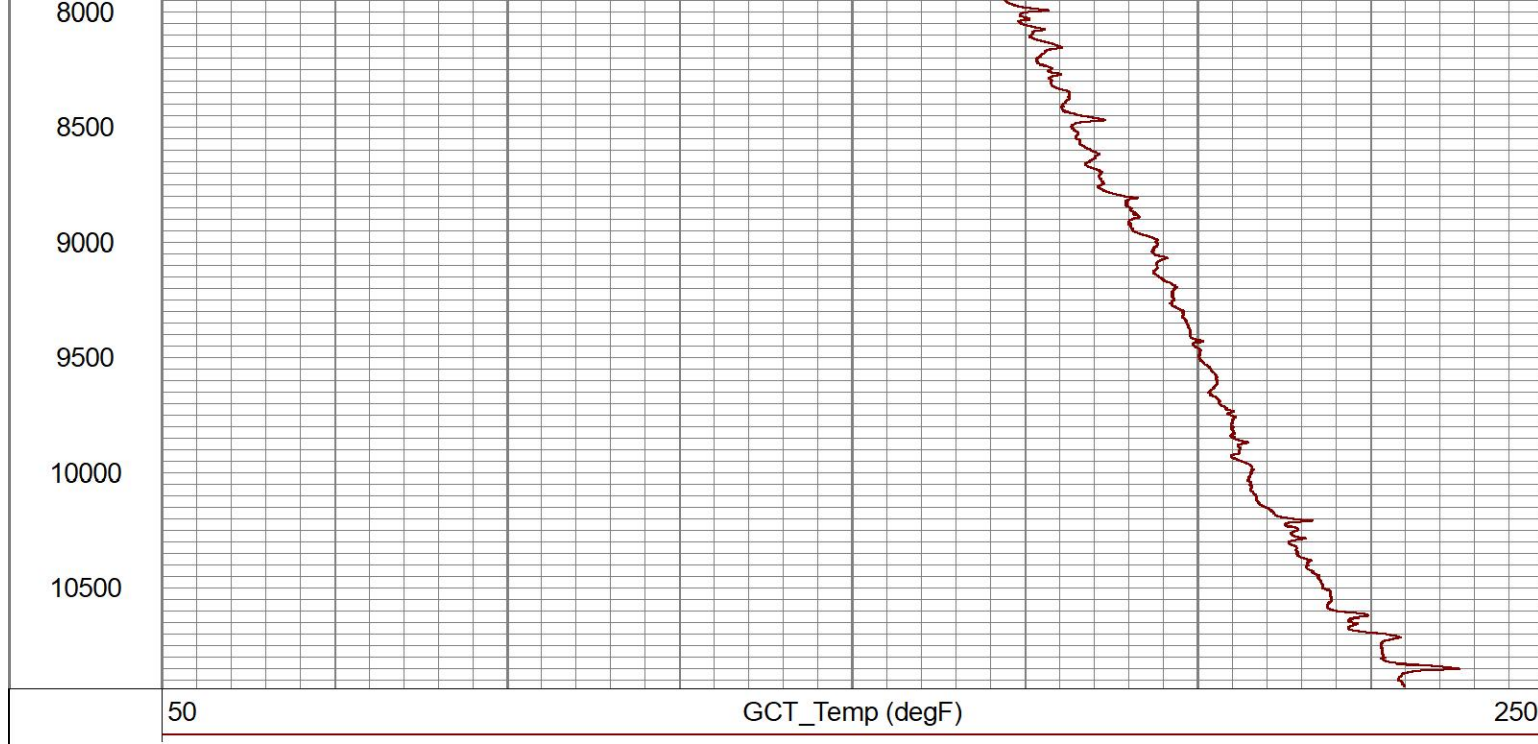
Main Pass (Quick Look)


50

GCT_Temp (degF)

250



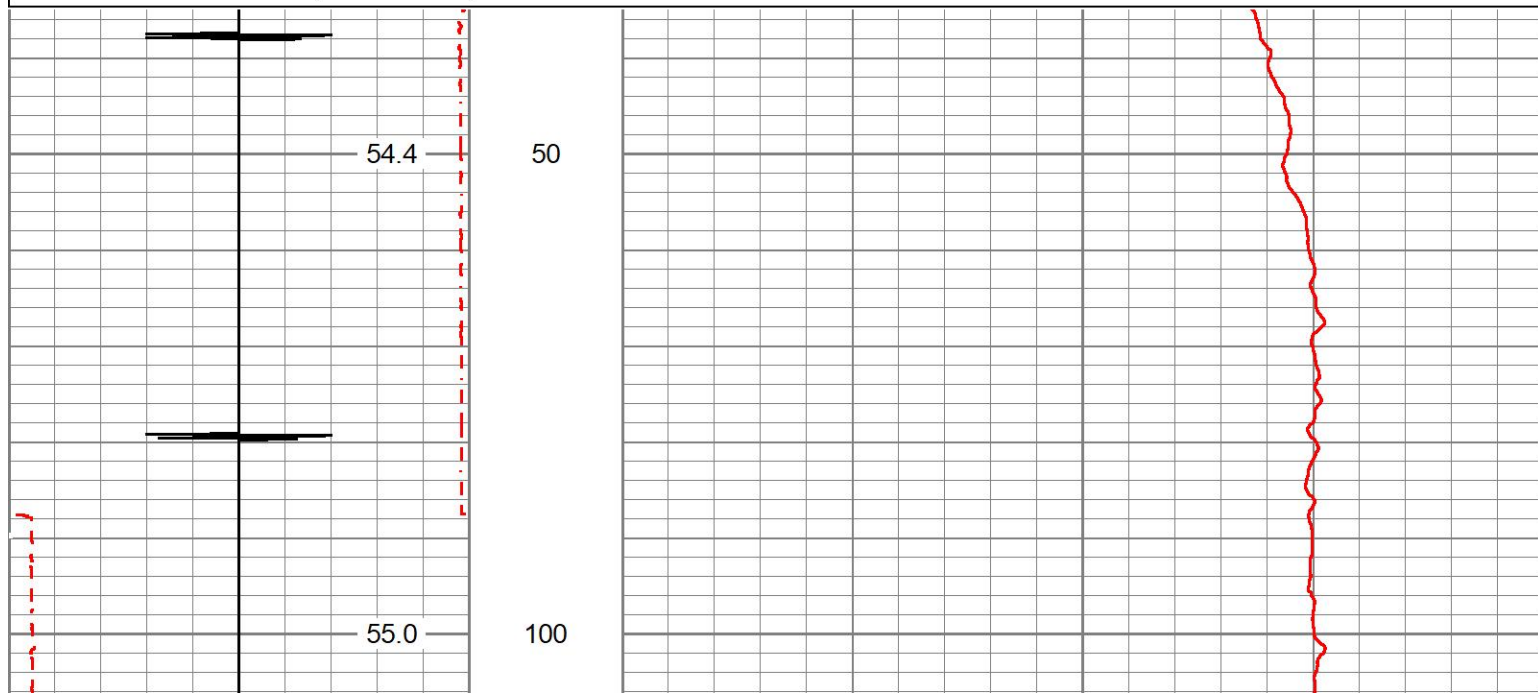


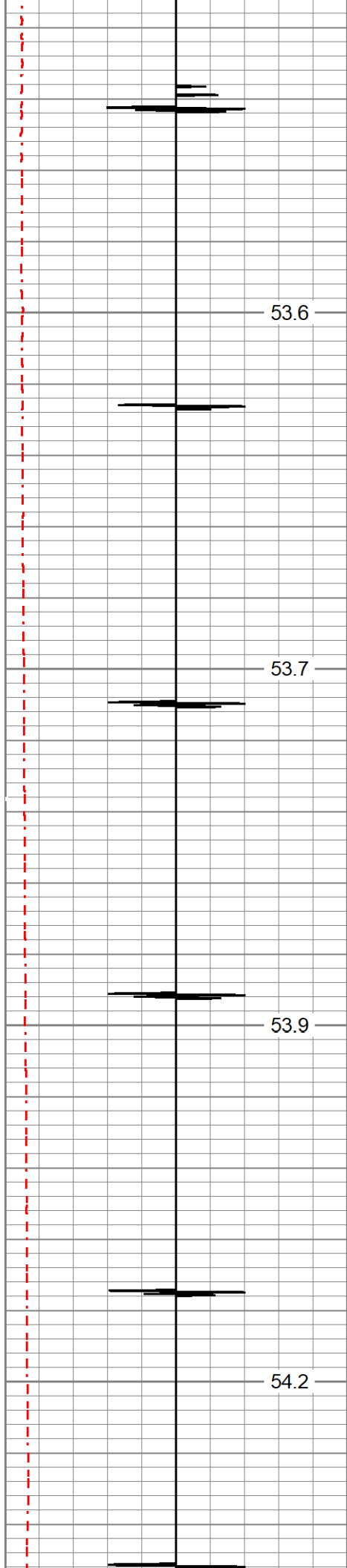


Main Pass 5" = 100'

Database File	tep_fed wmc 431-20_temp_12-20-2022.db
Dataset Pathname	main
Presentation Format	gct_tmp
Dataset Creation	Tue Dec 20 18:16:30 2022
Charted by	Depth in Feet scaled 1:240

5	CCL\$1	-5	100	GCT_Temp (degF)	120
0	LTEN (lb)	1500			
		GCT_Temp (degF)			



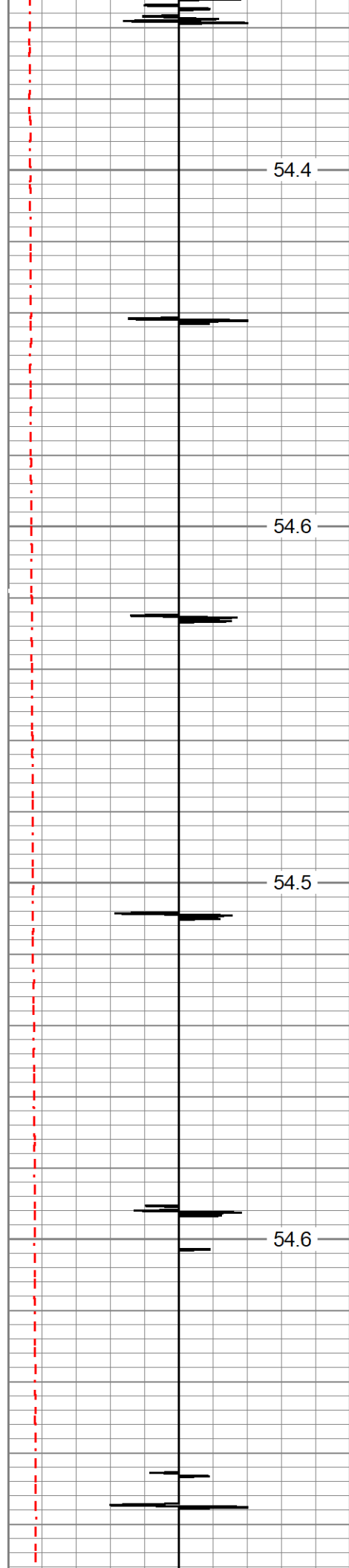


150

200

250

300

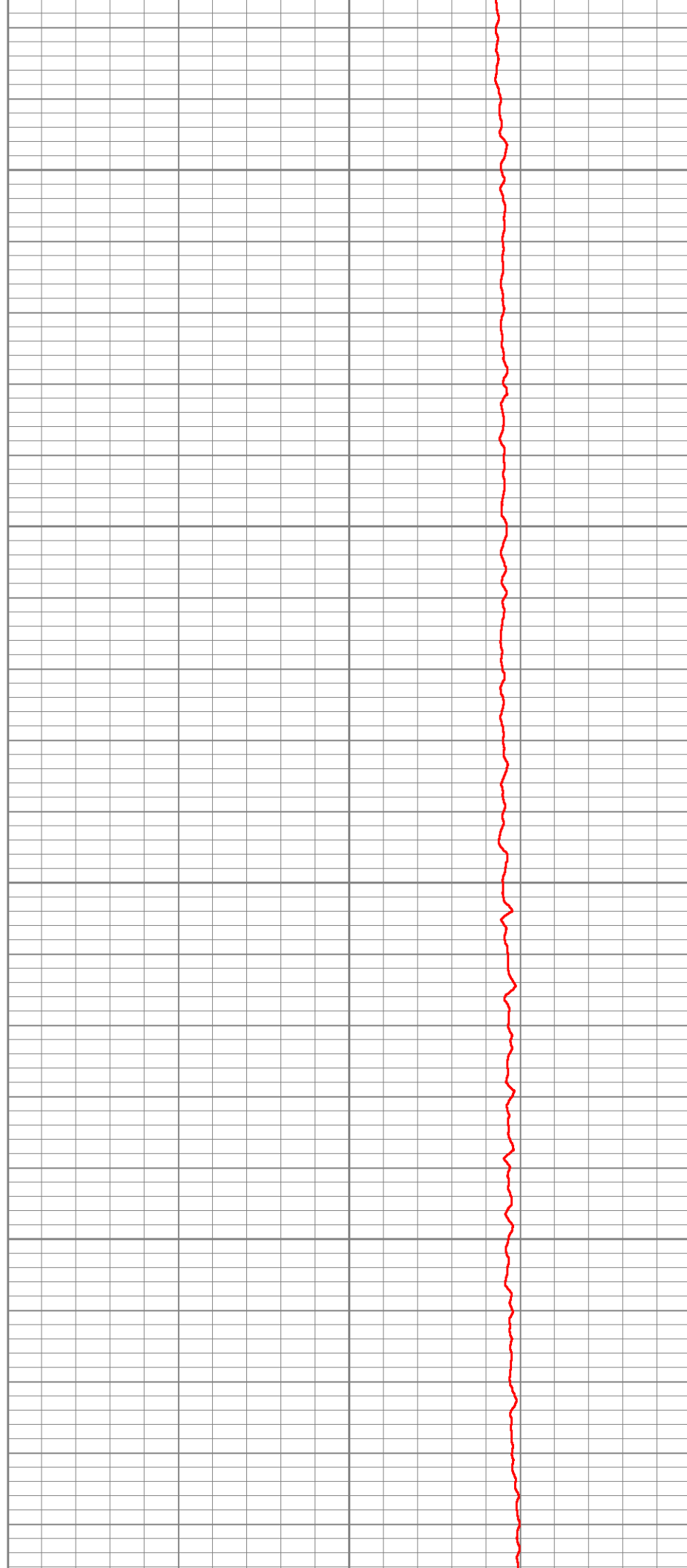


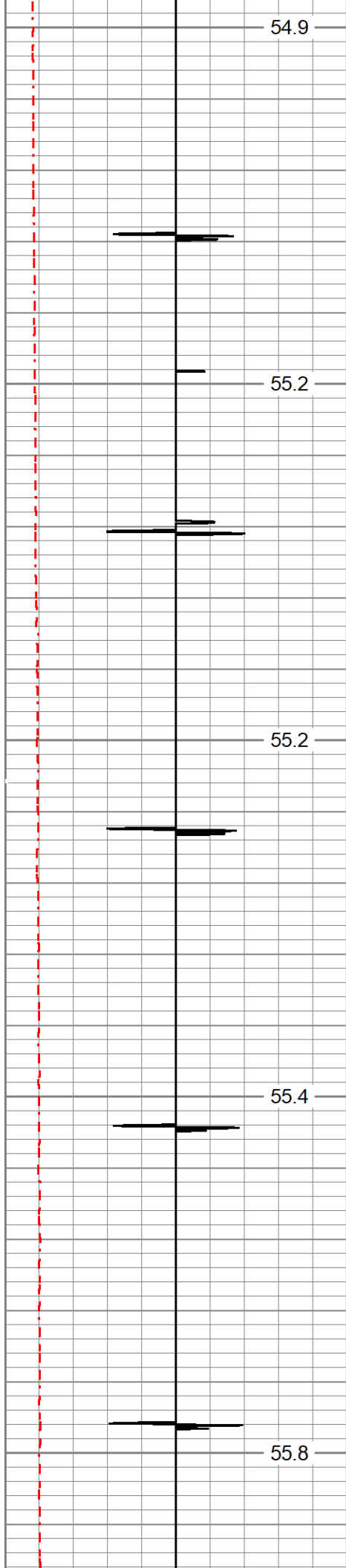
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400

450

500





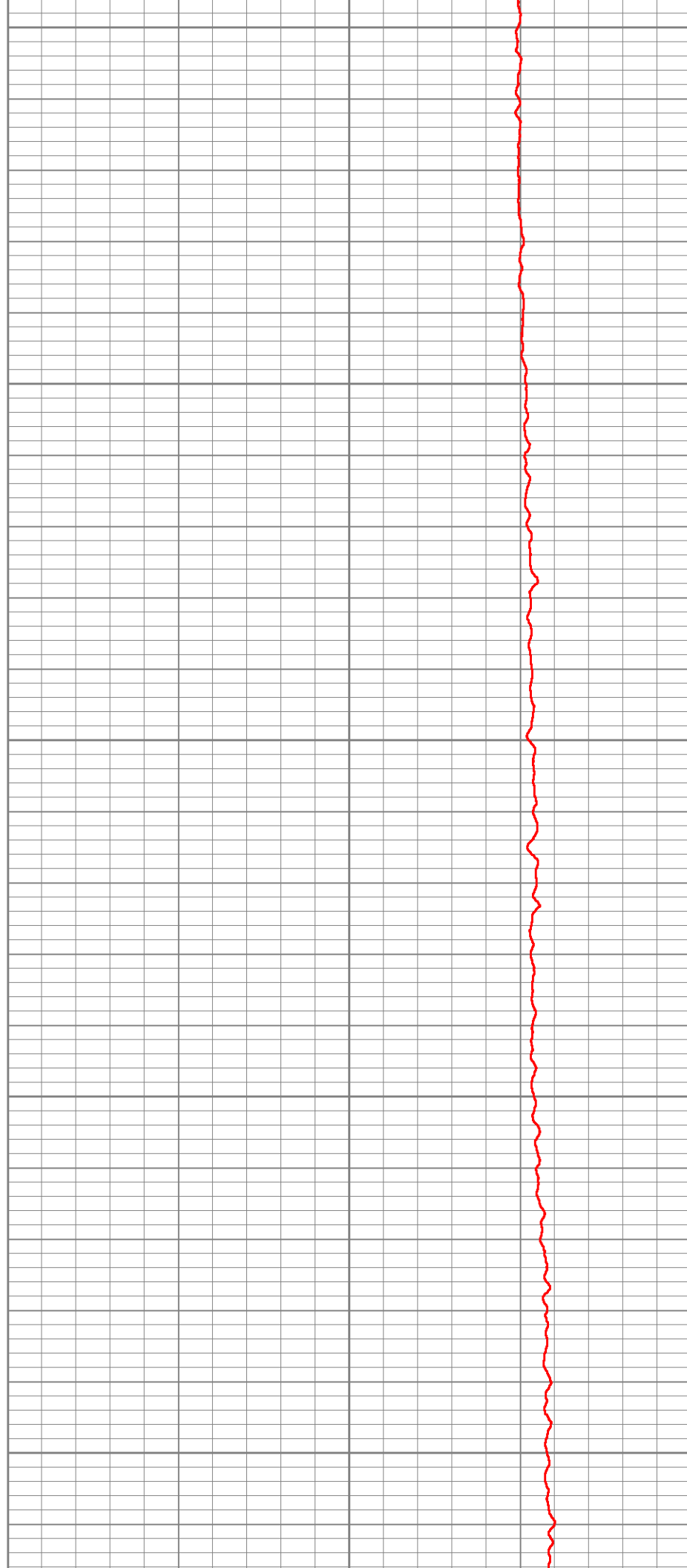
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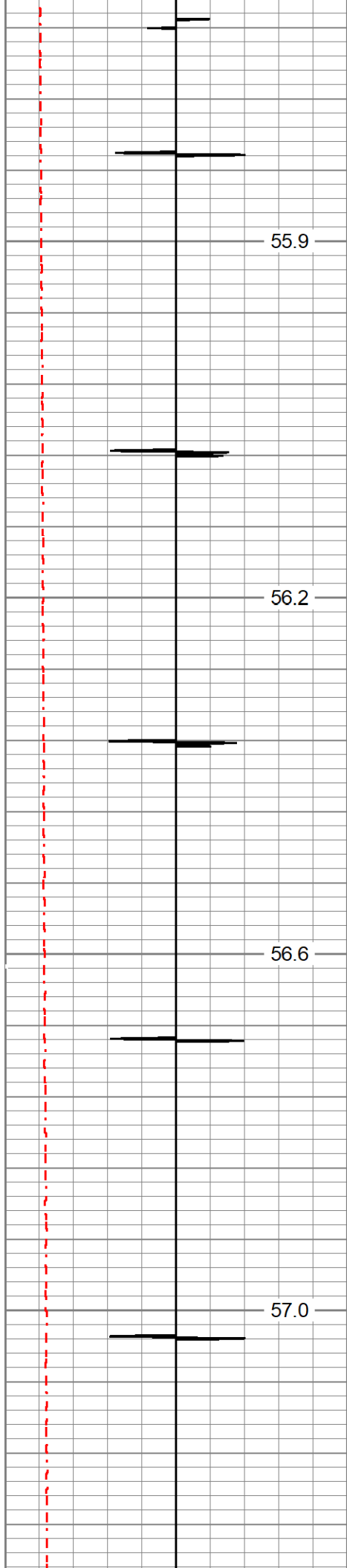
600

650

700

750





55.9

800

56.2

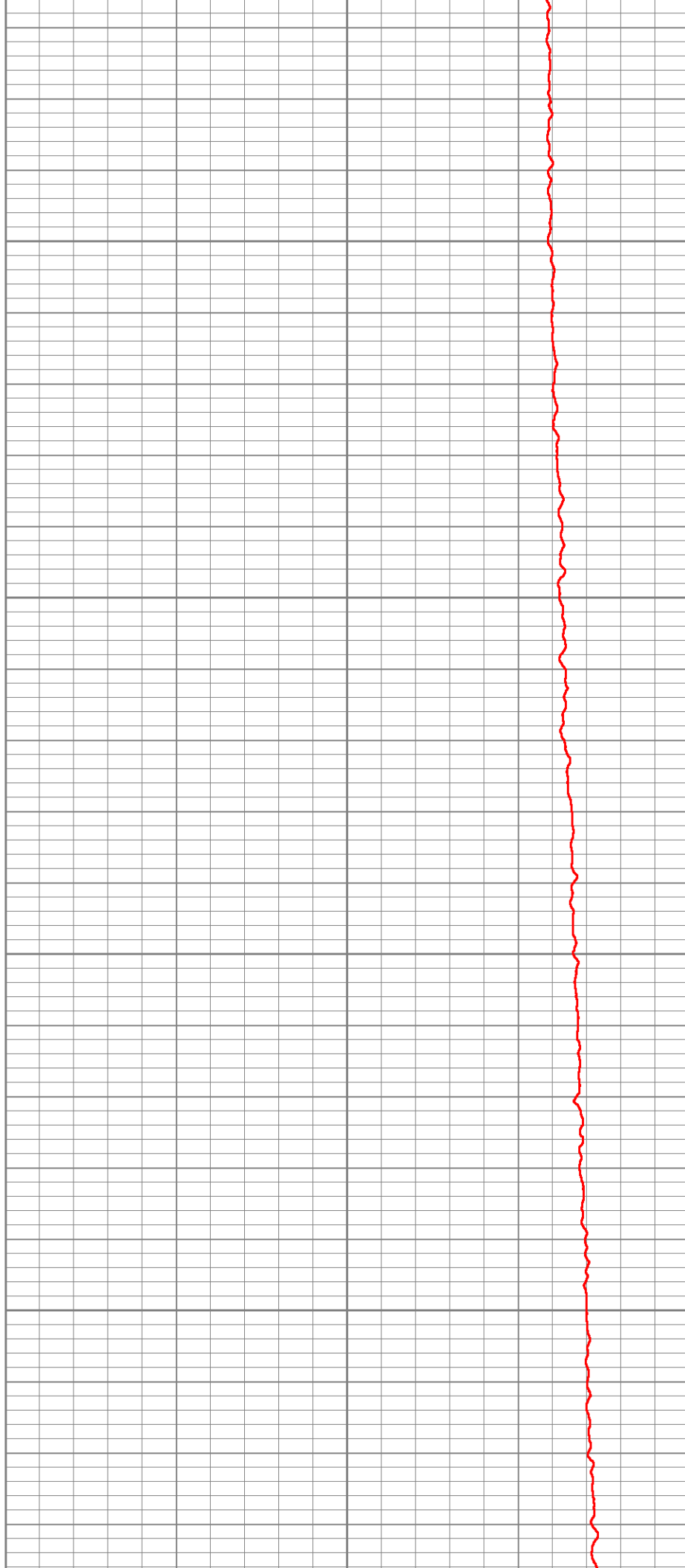
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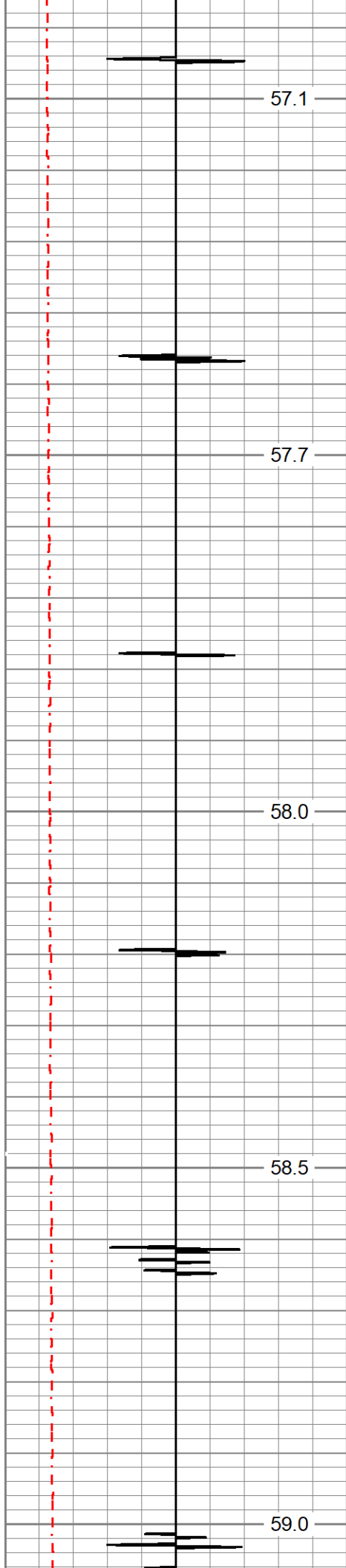
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900

57.0

950





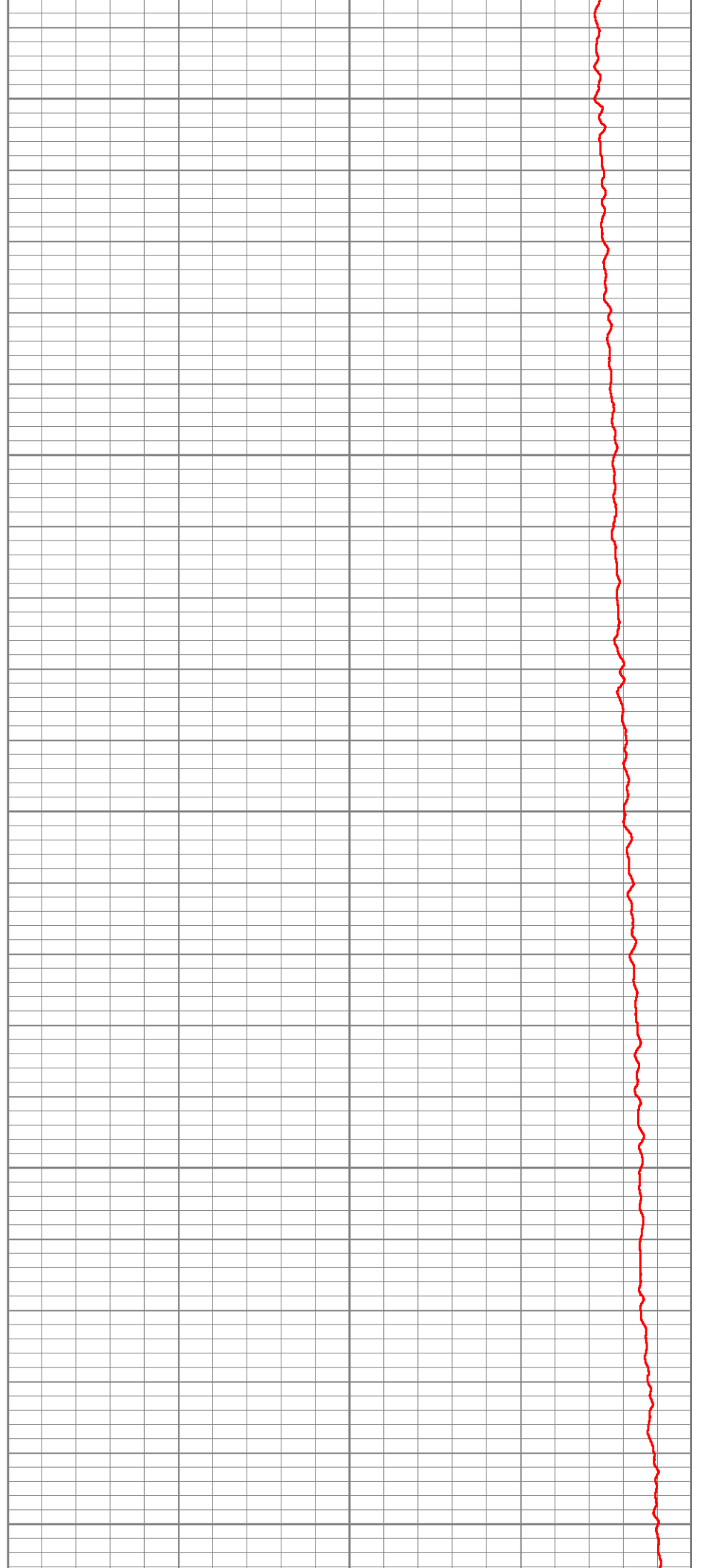
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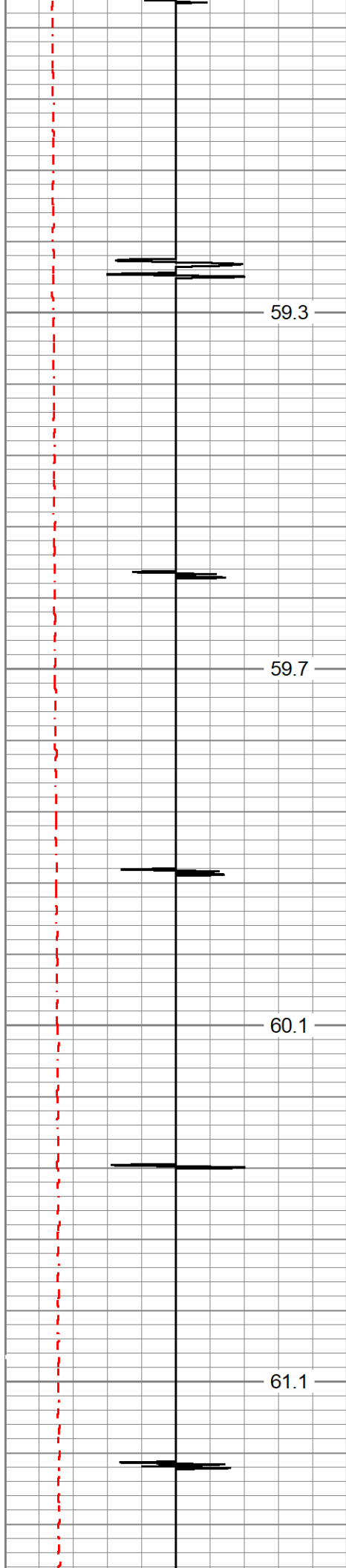
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1100

1150

1200





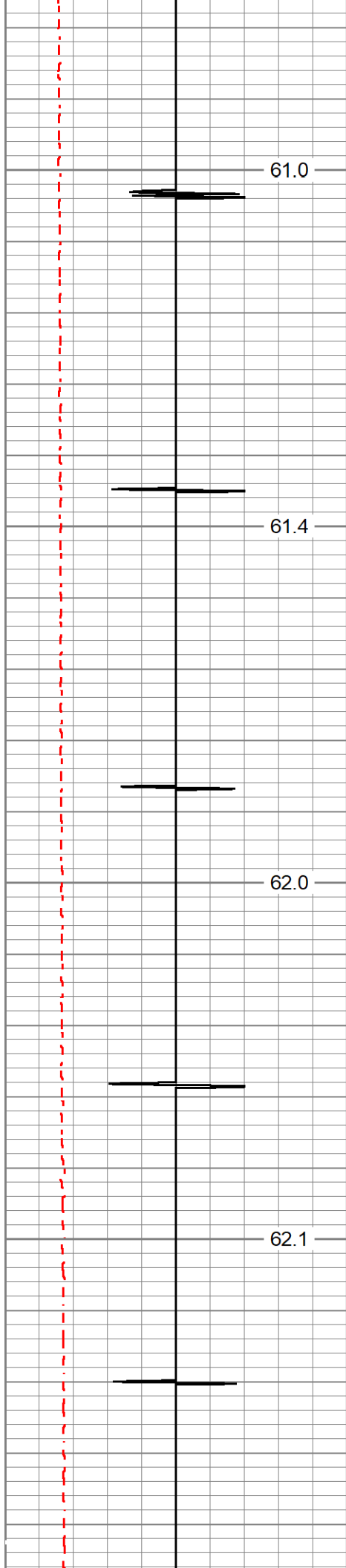
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1400



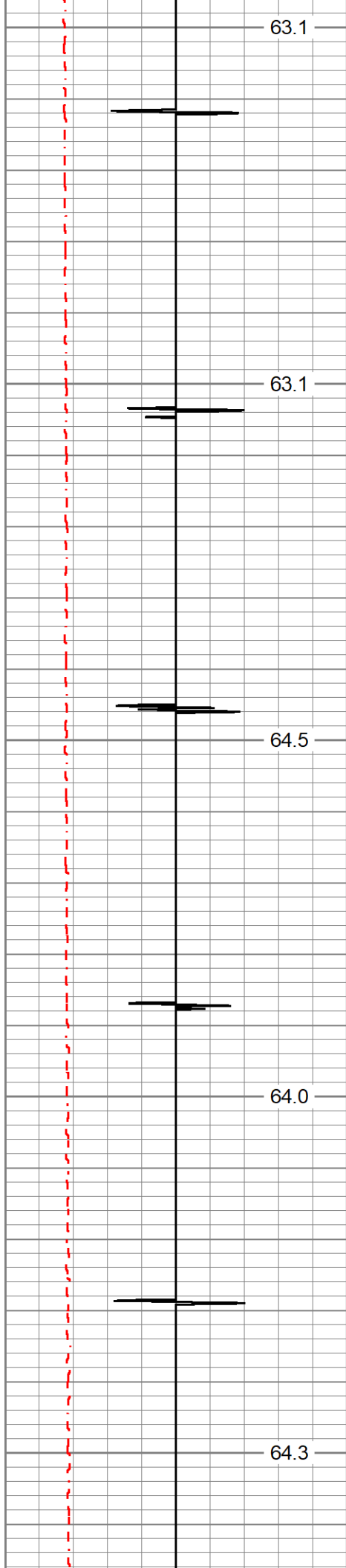


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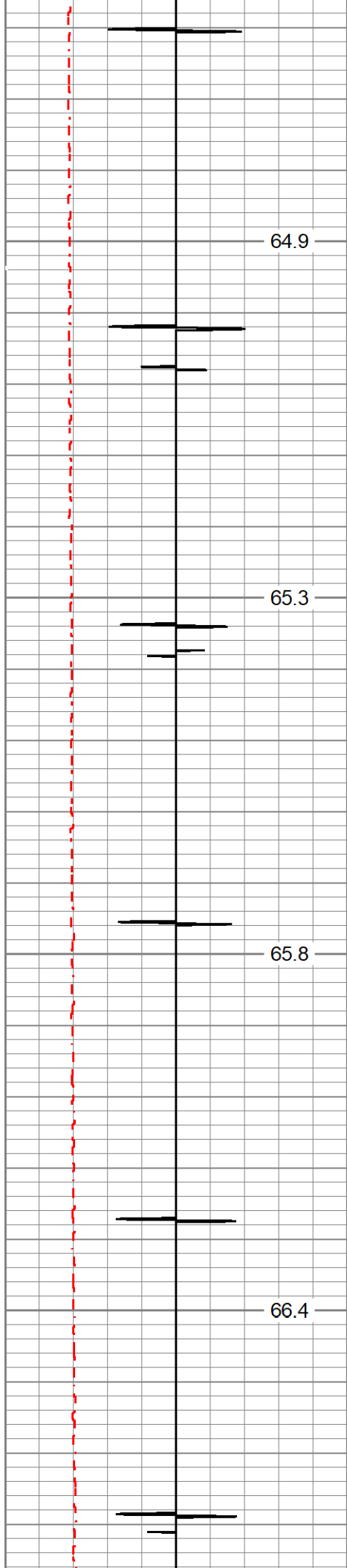
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1600



1650
1700
1750
1800
1850



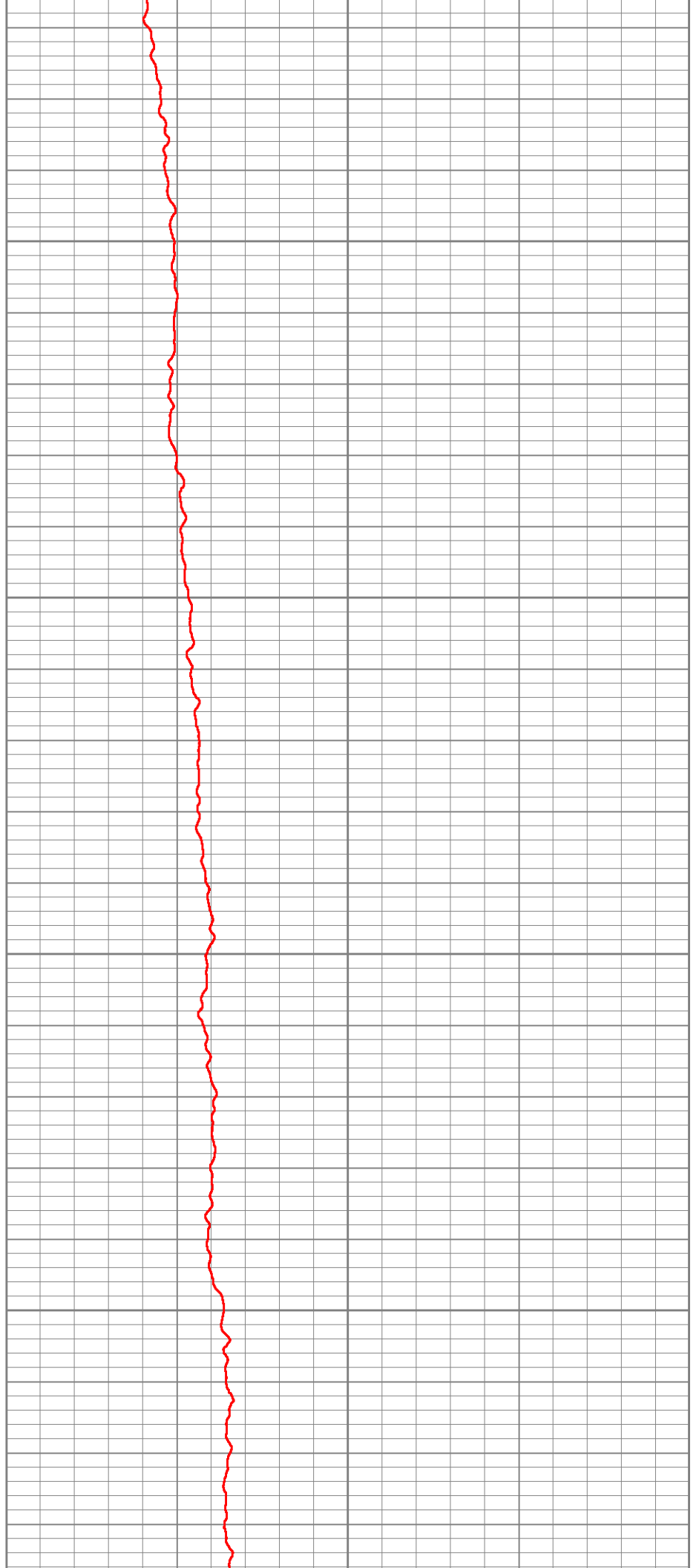


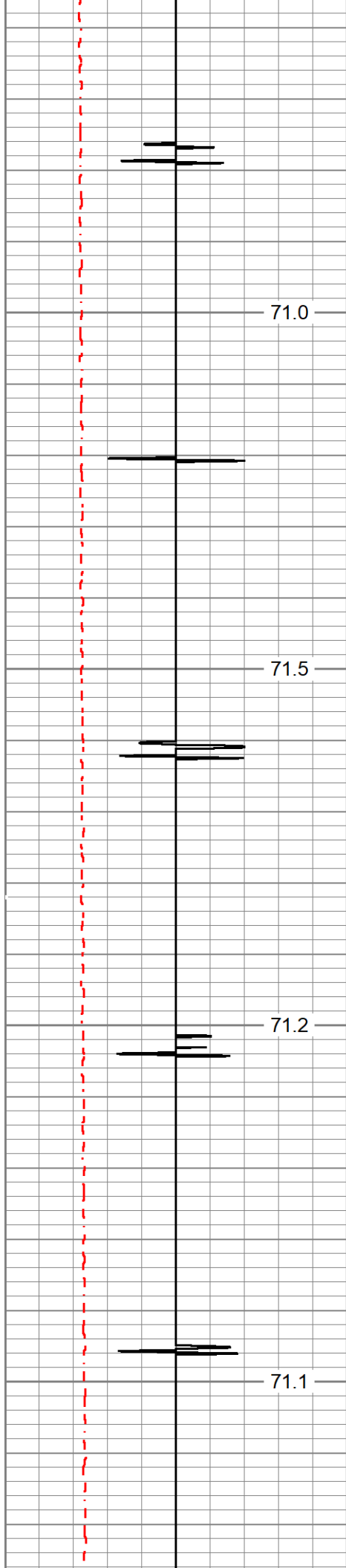
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1950

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71.0

71.5

71.2

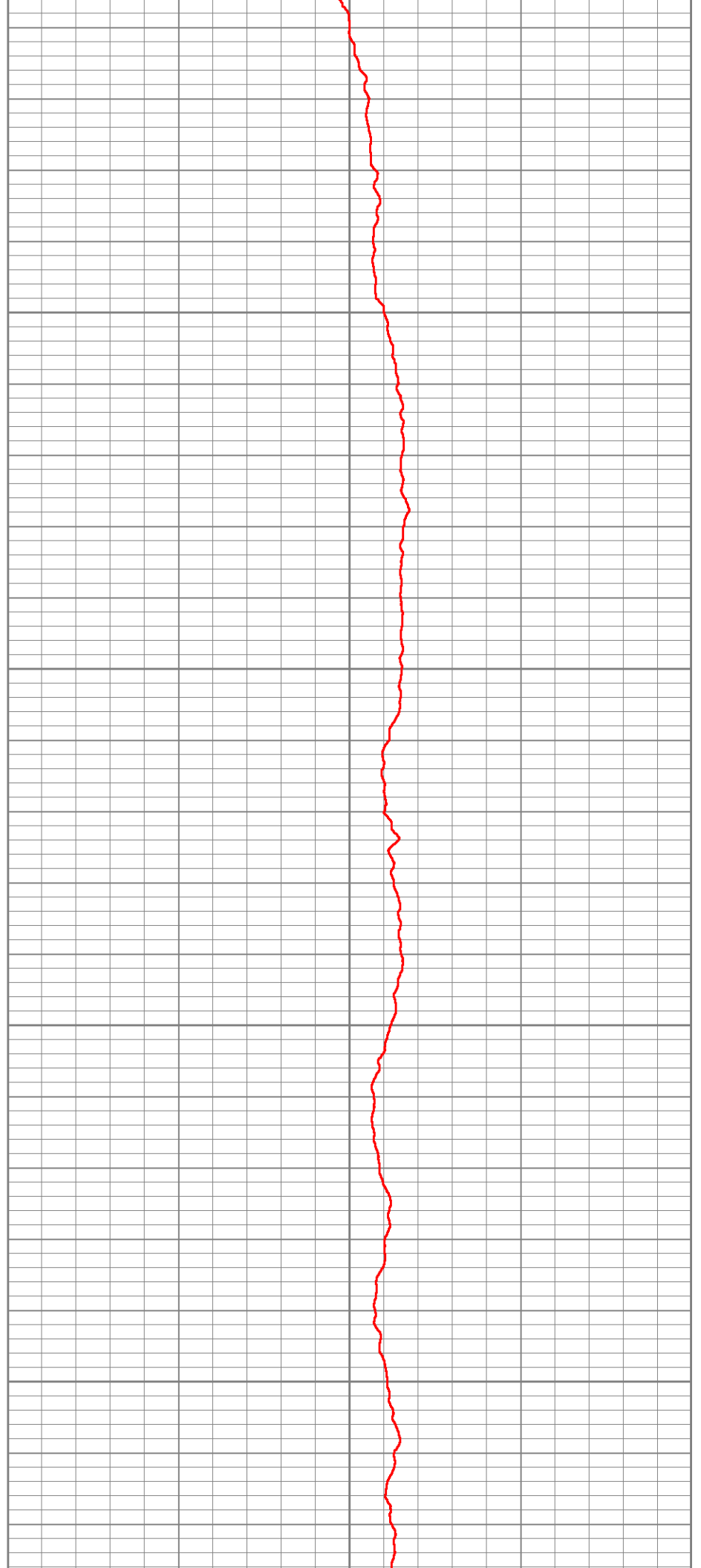
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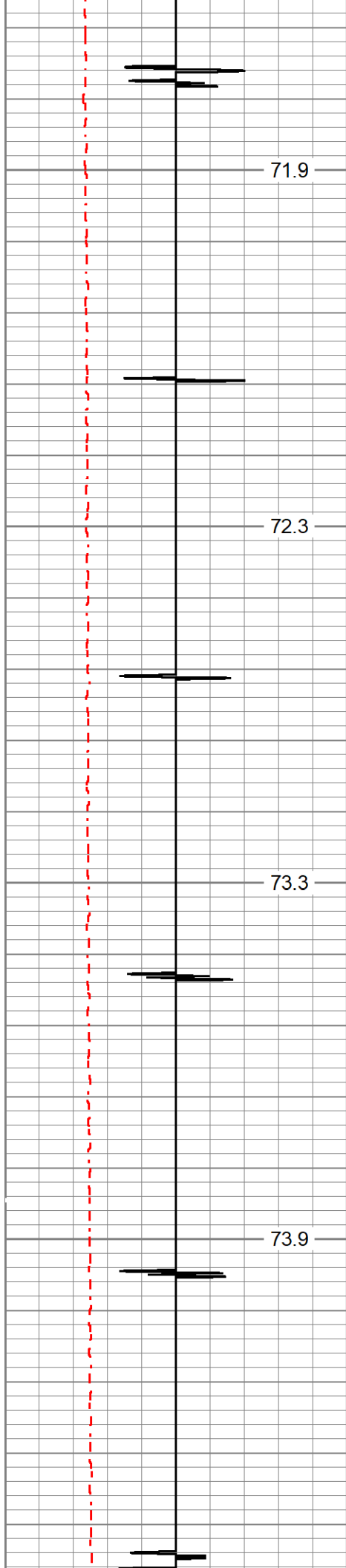
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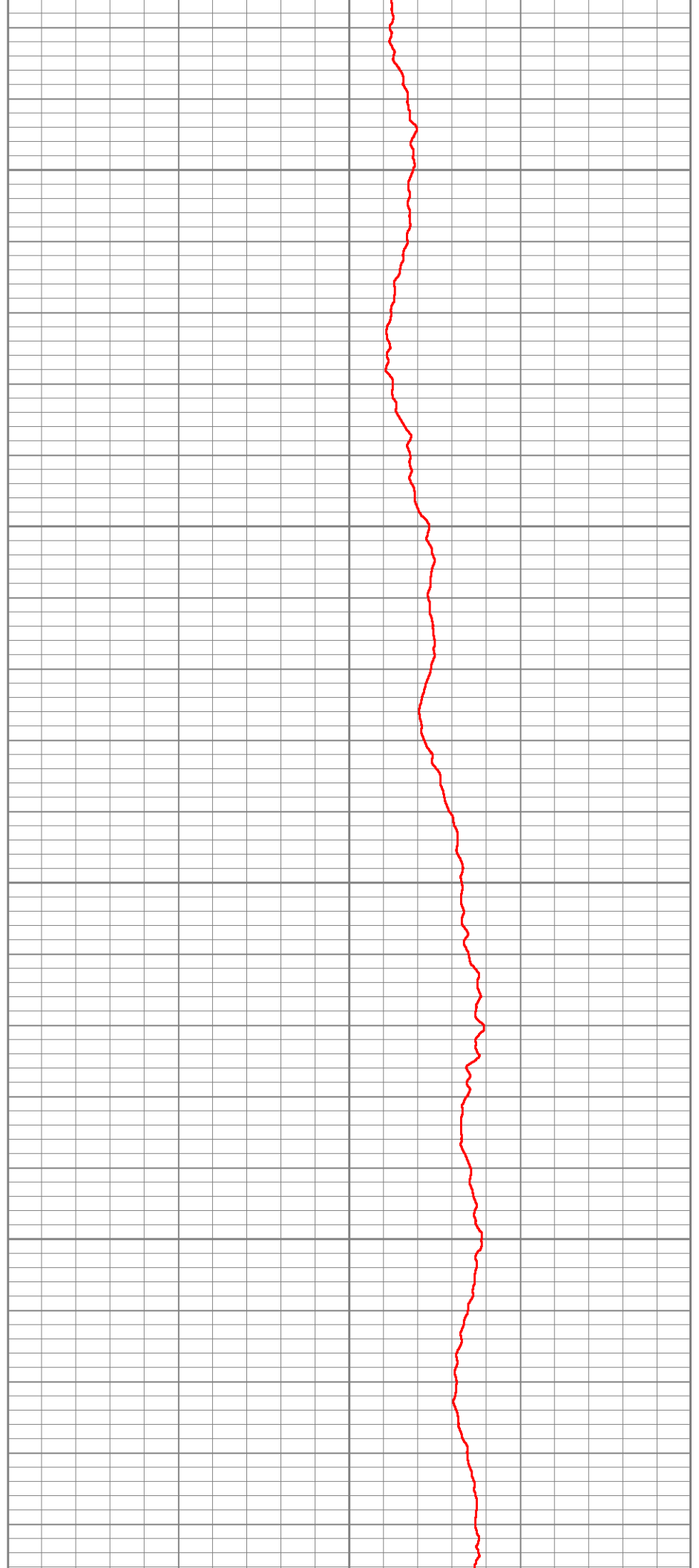


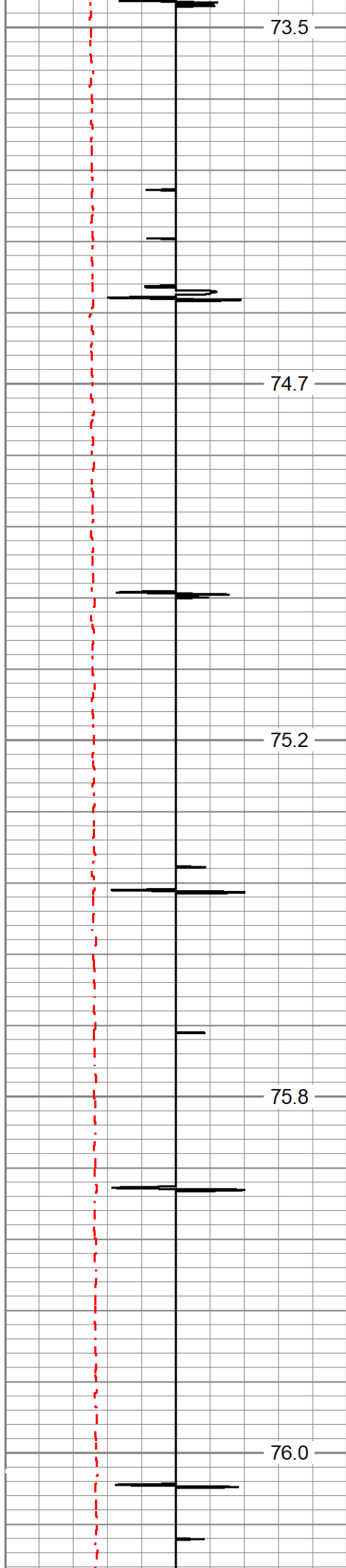
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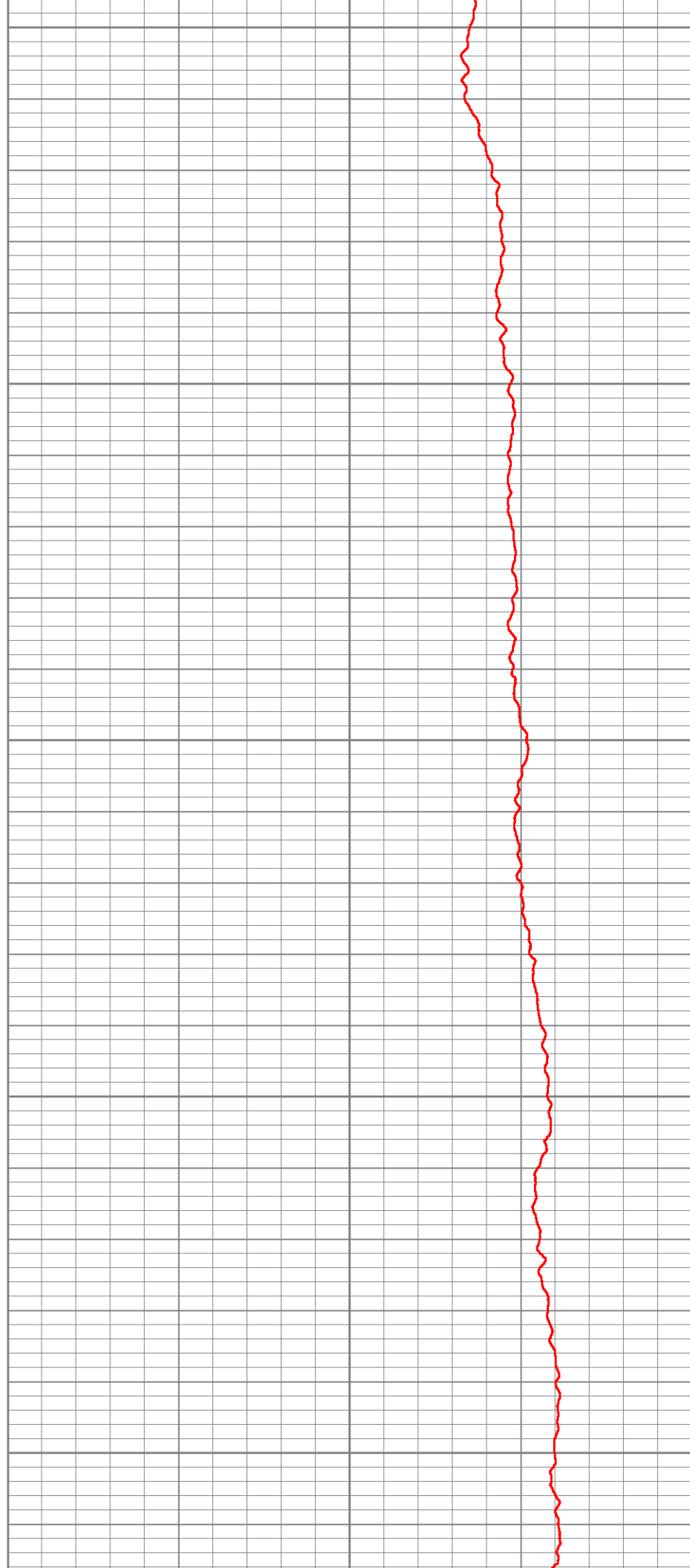
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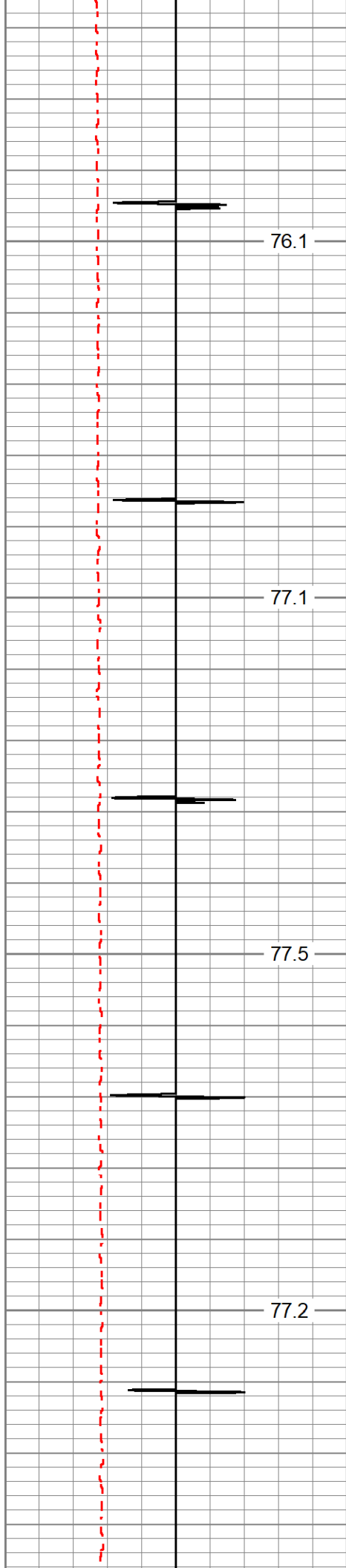
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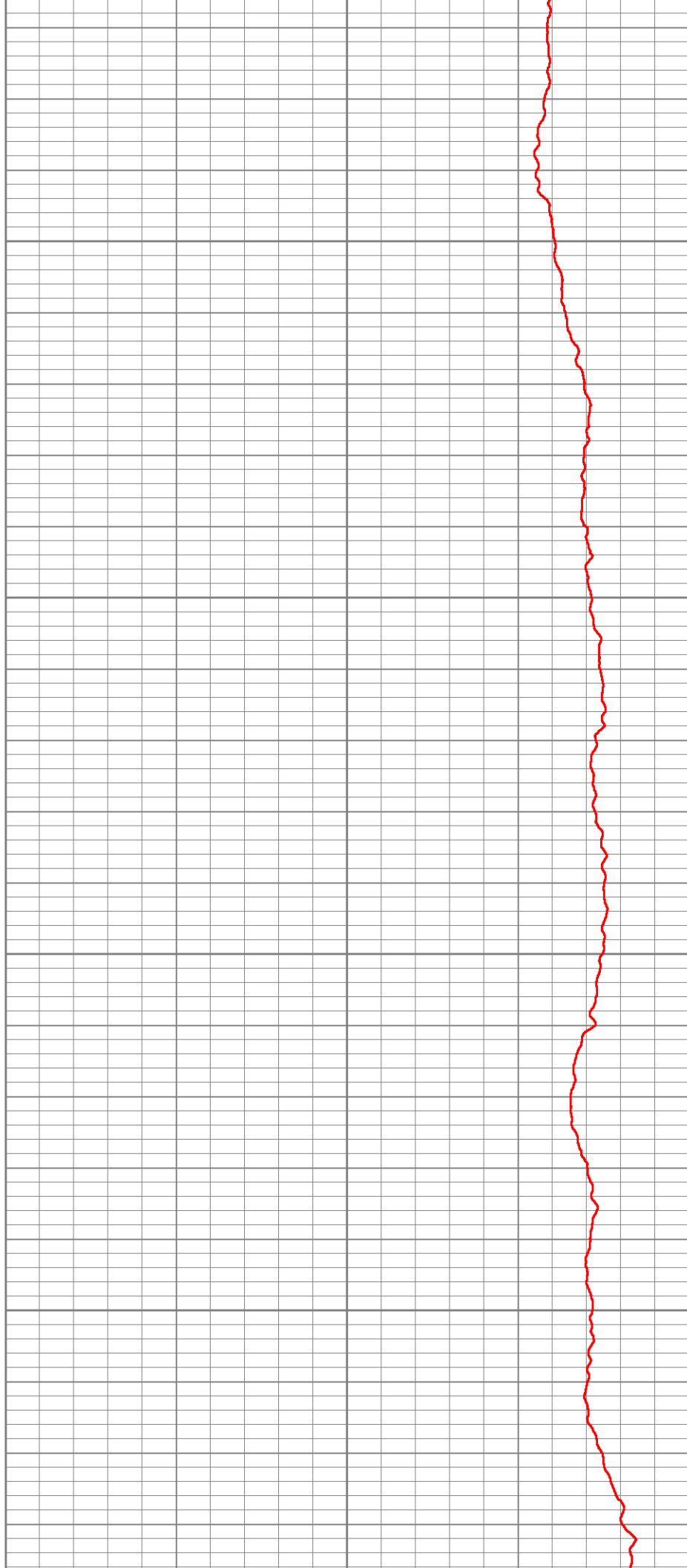


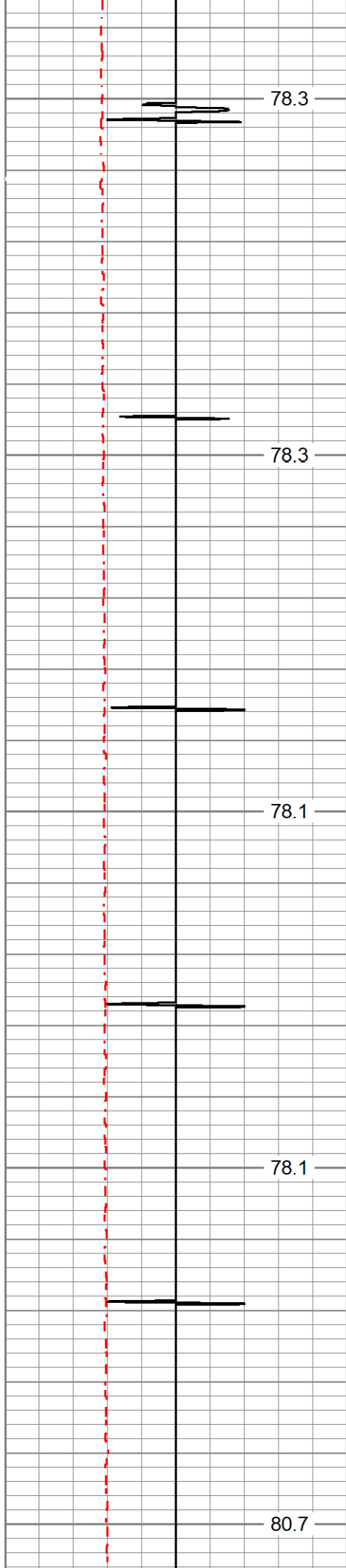
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3100

3150





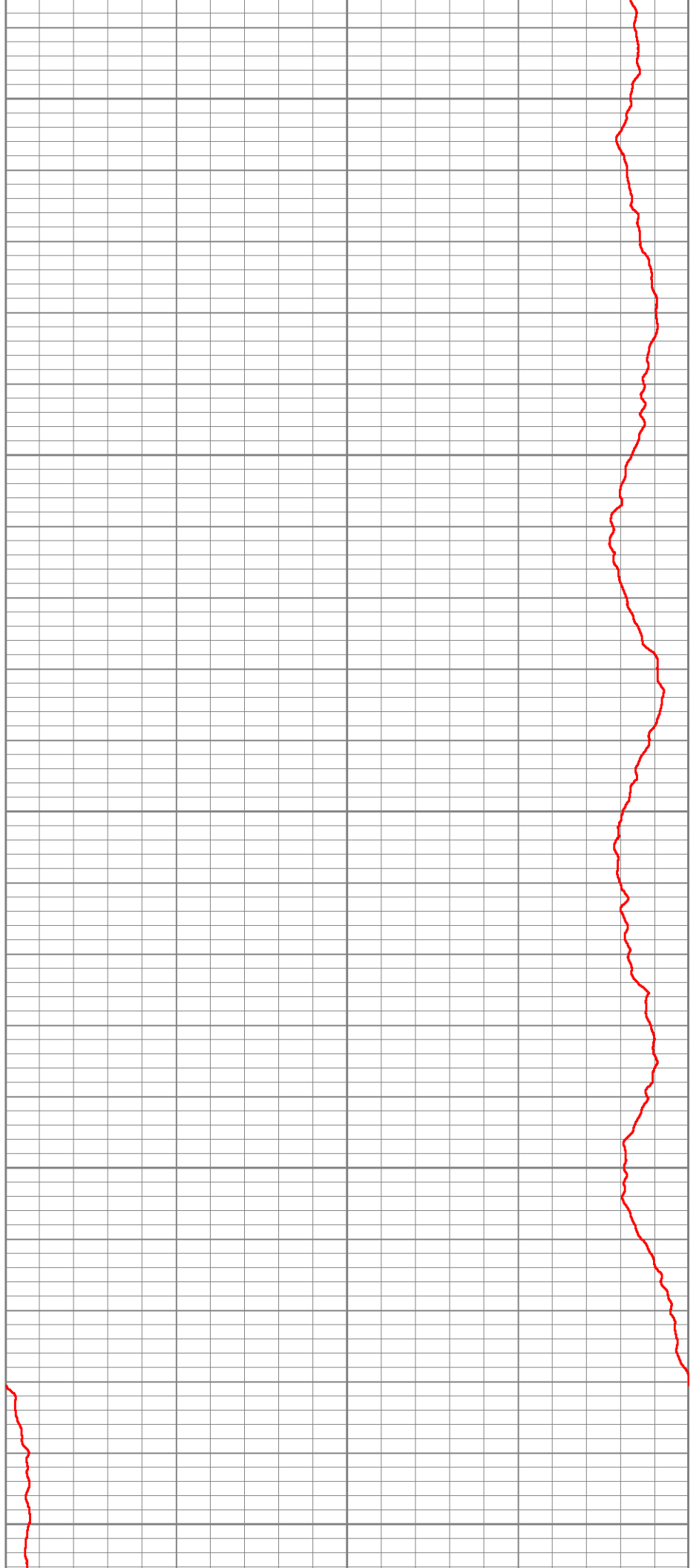
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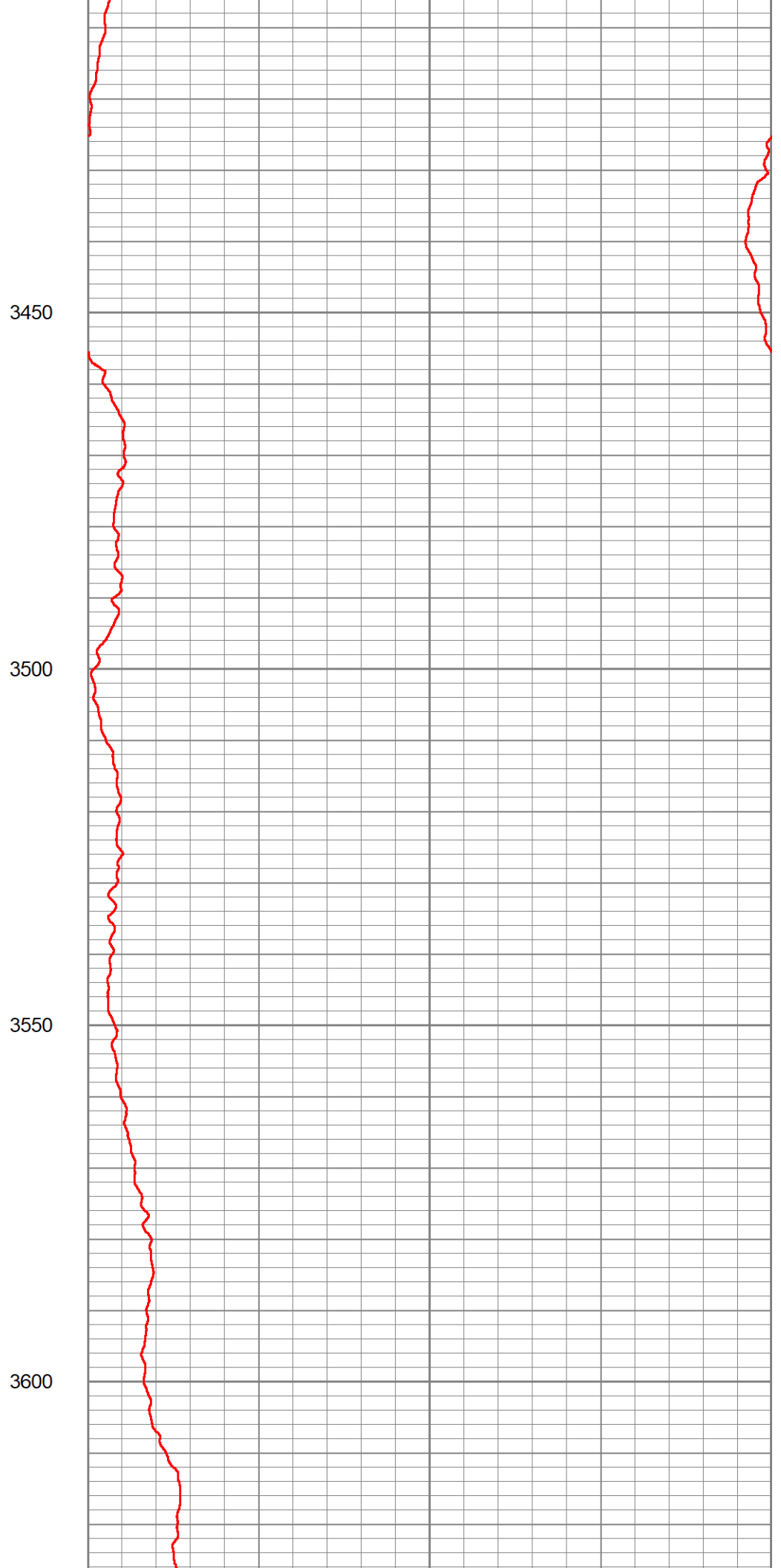
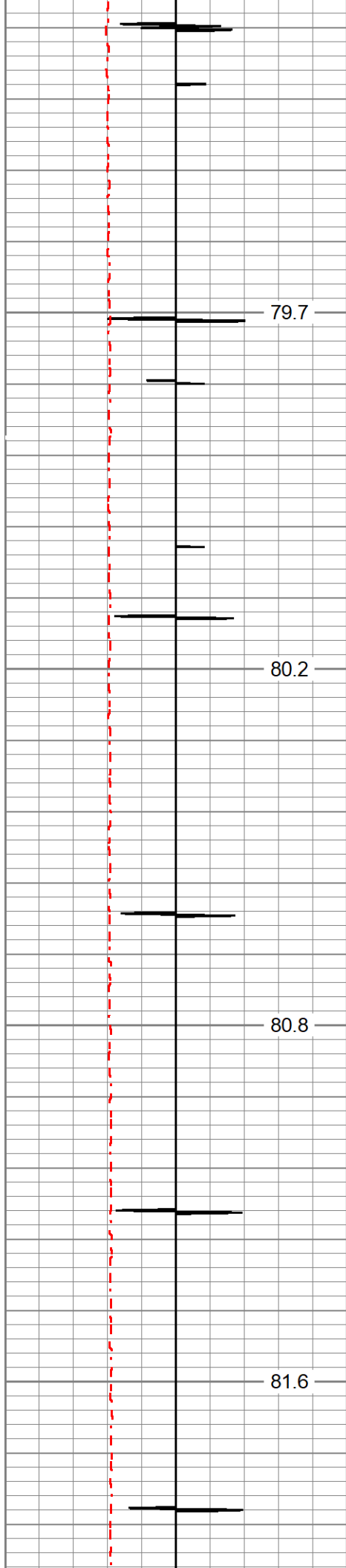
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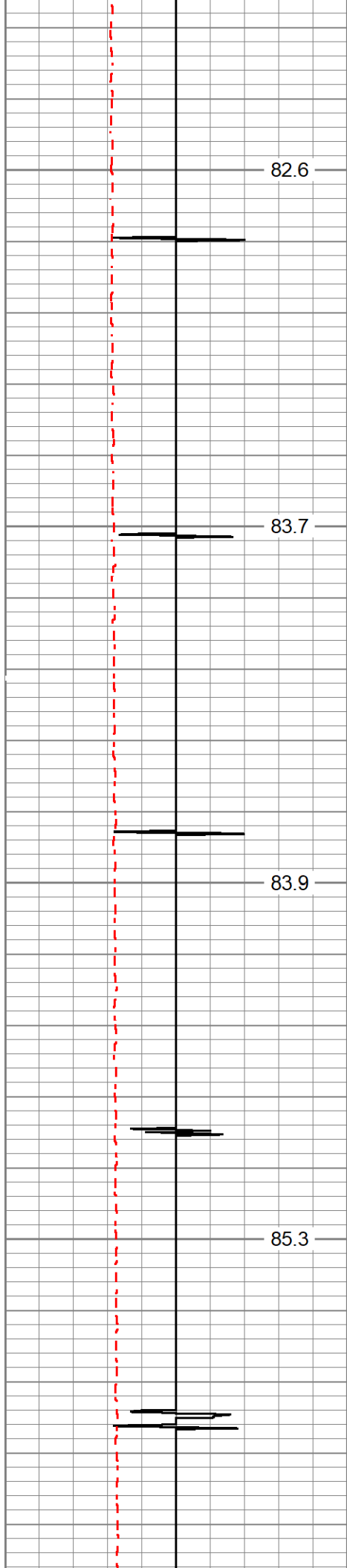
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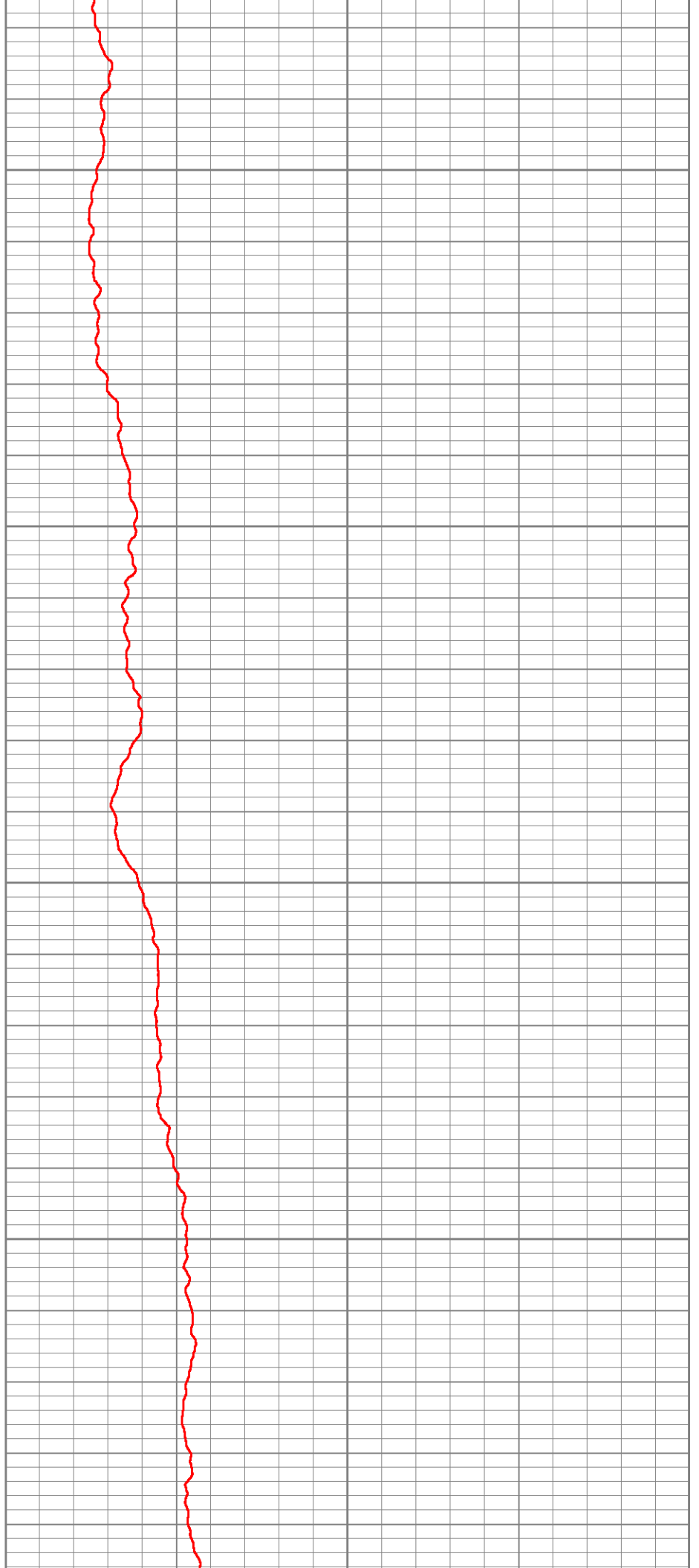


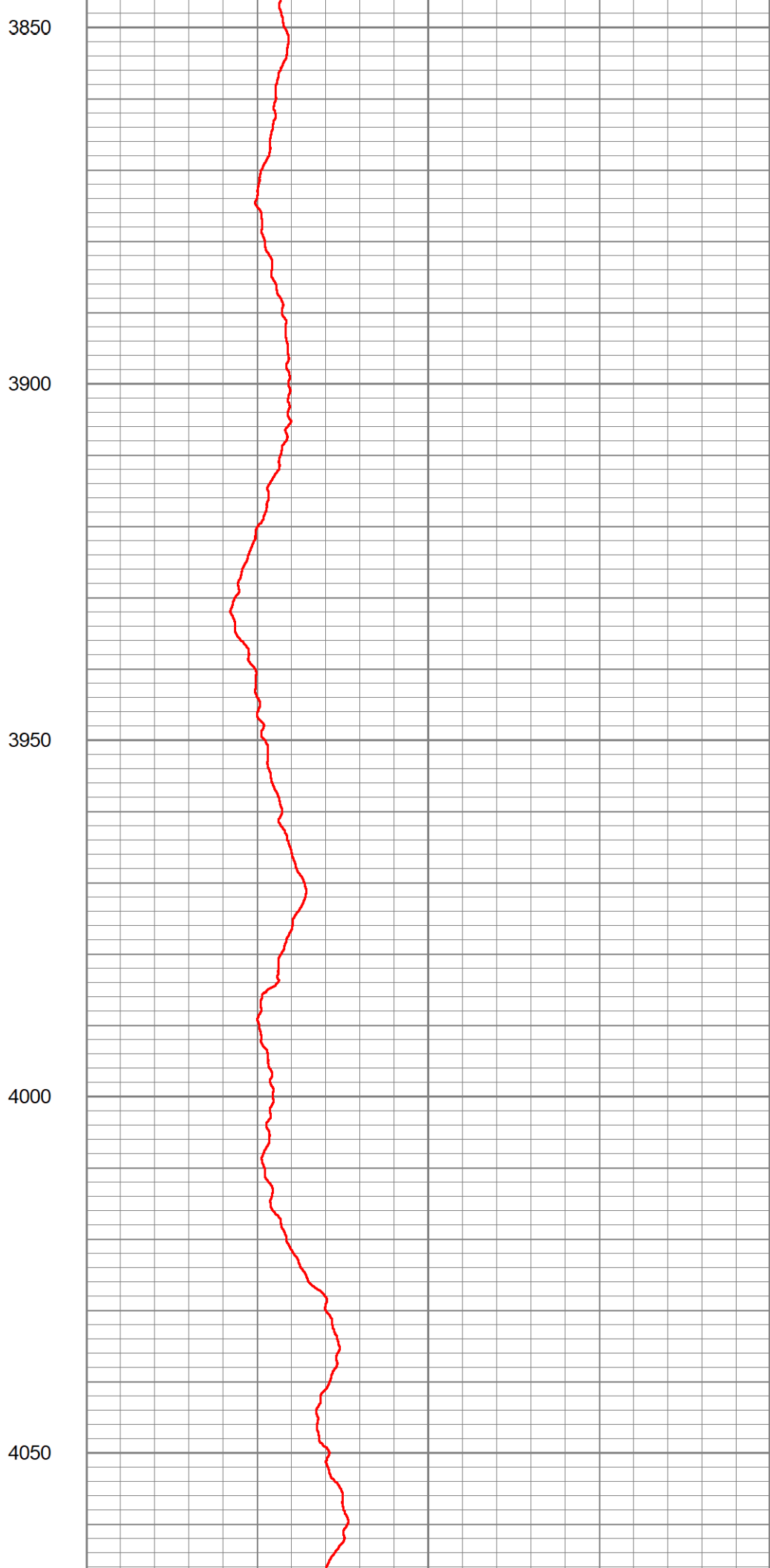
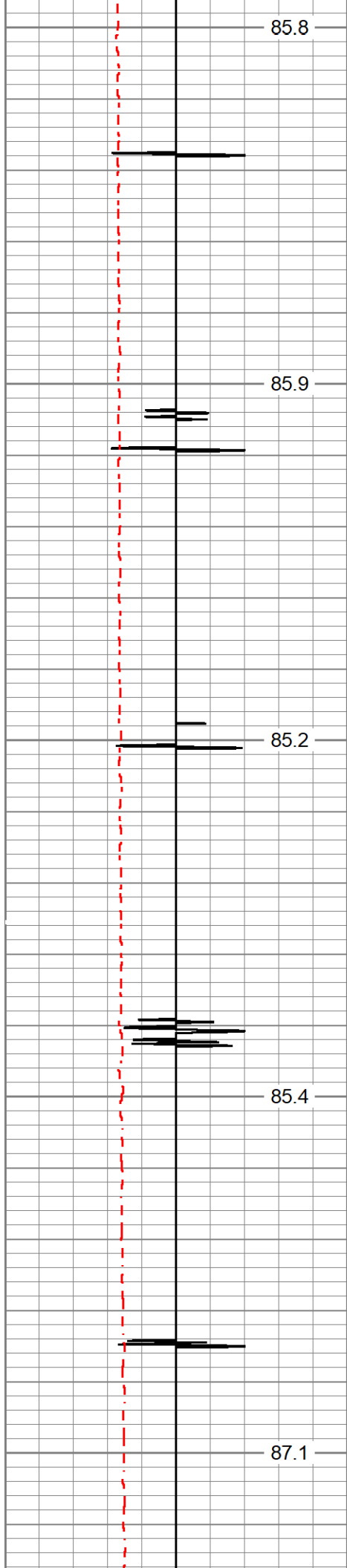
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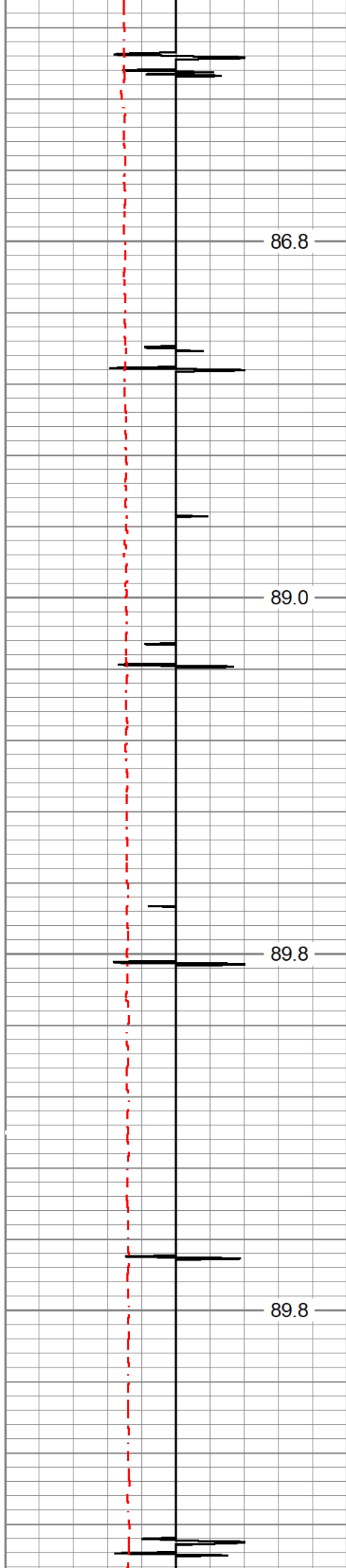
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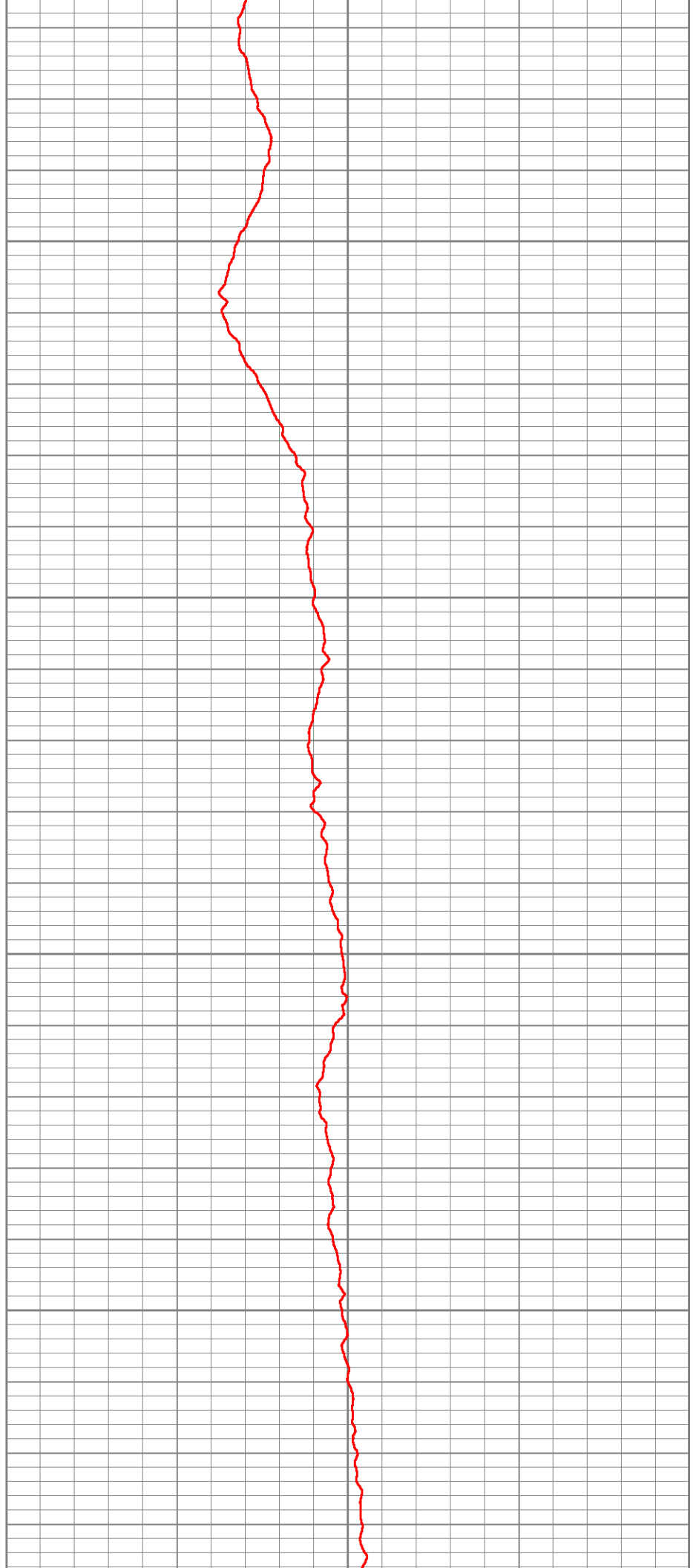


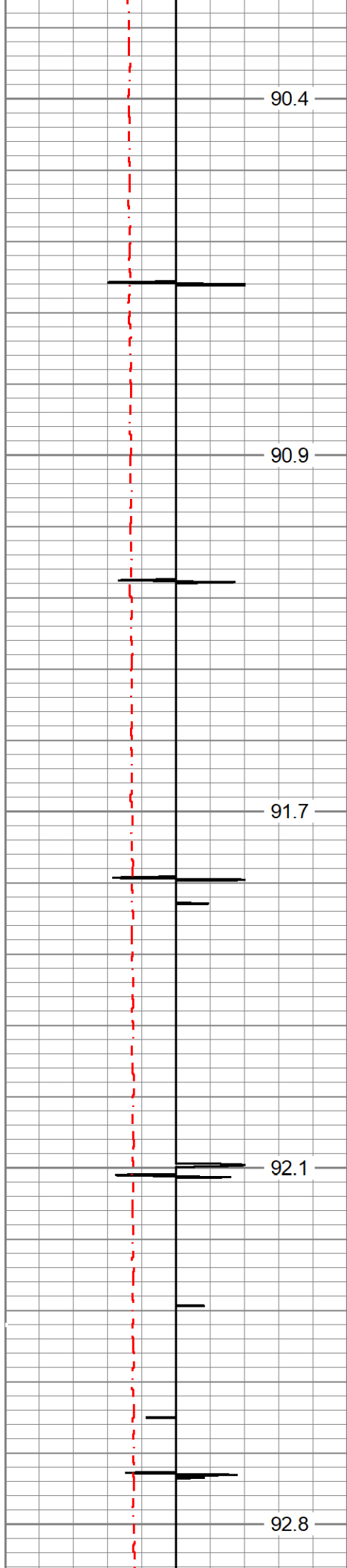
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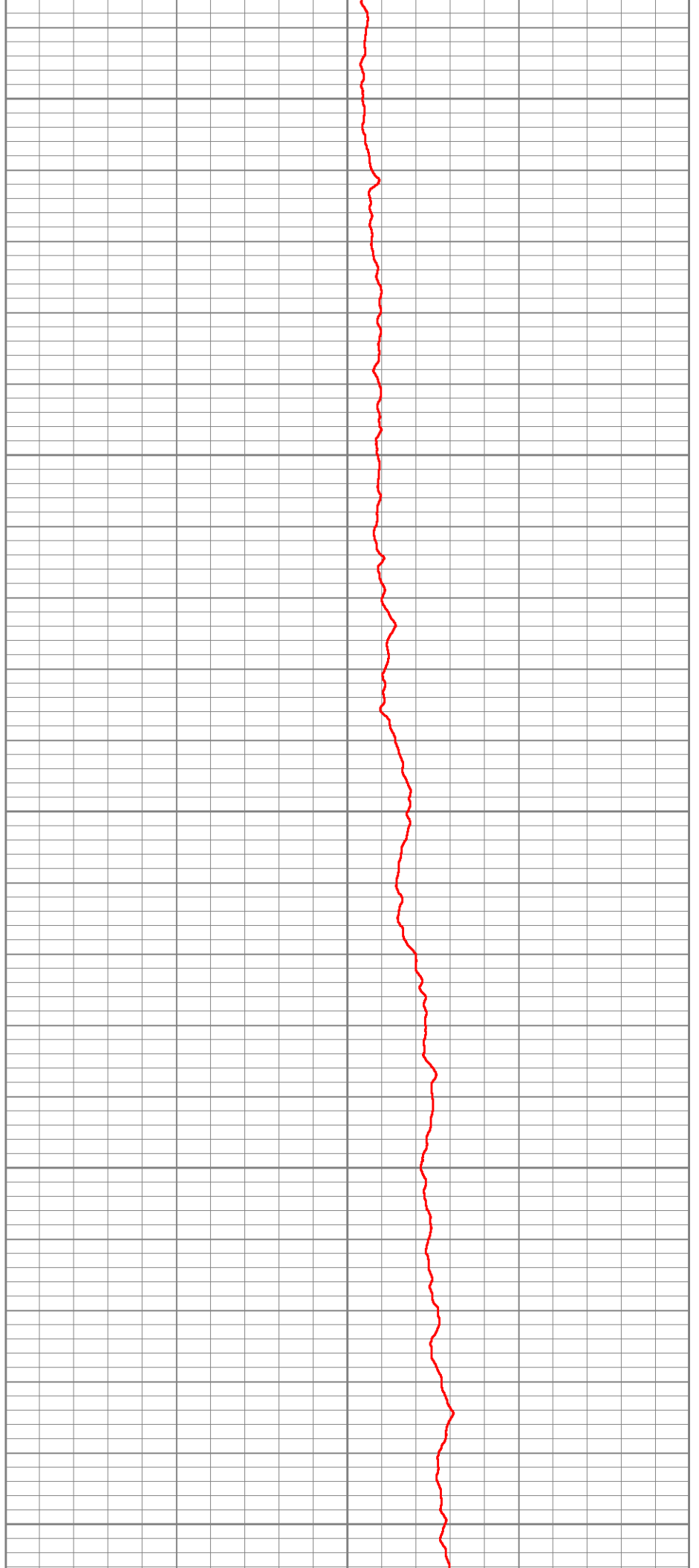
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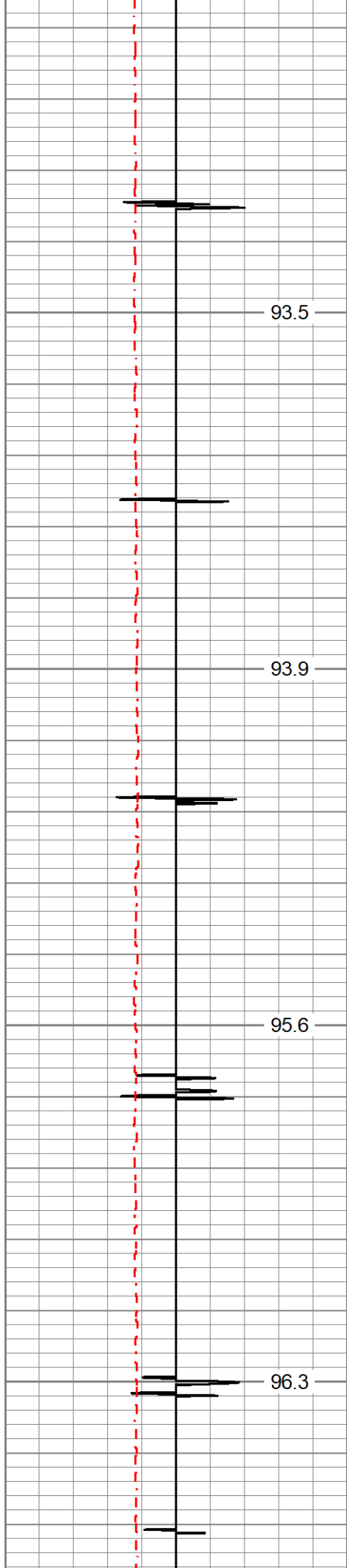
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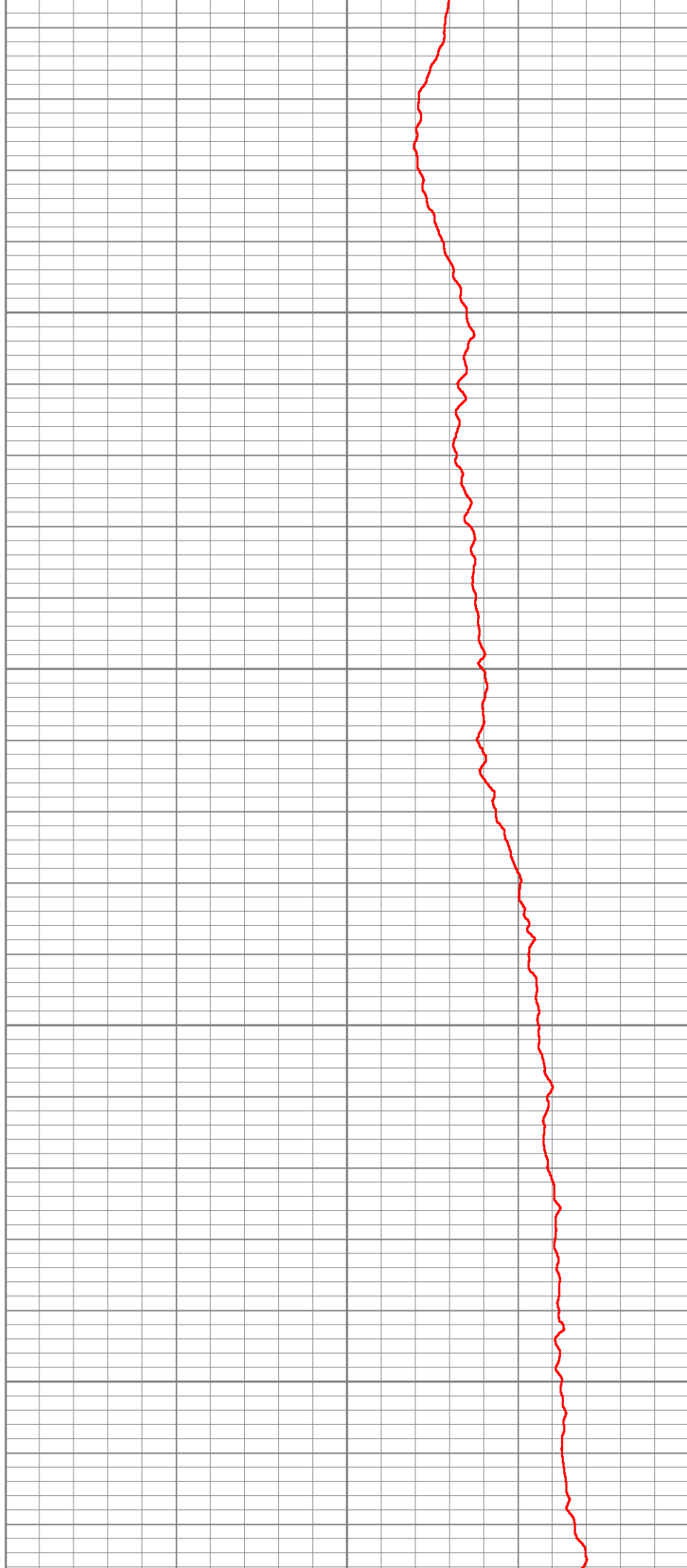


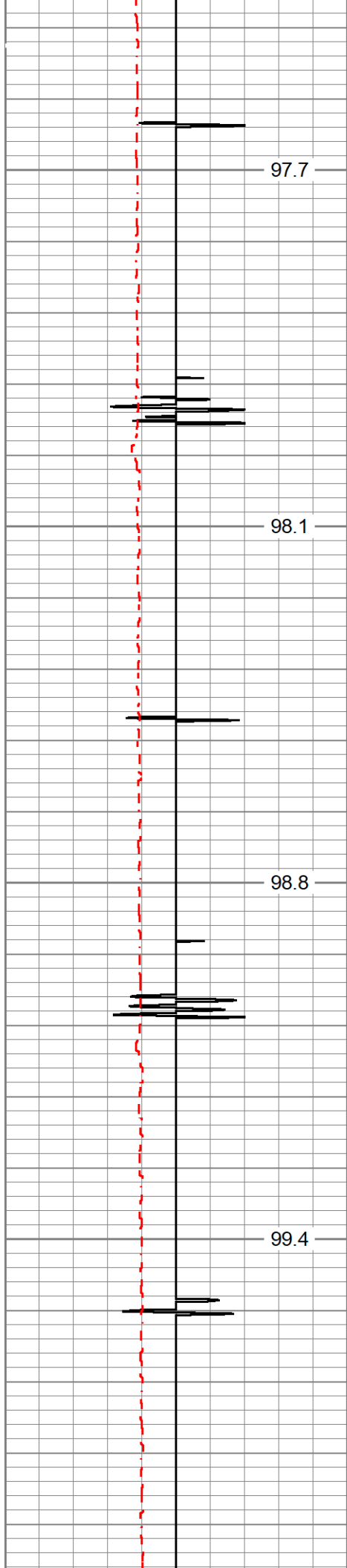
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97.7

4750

98.1

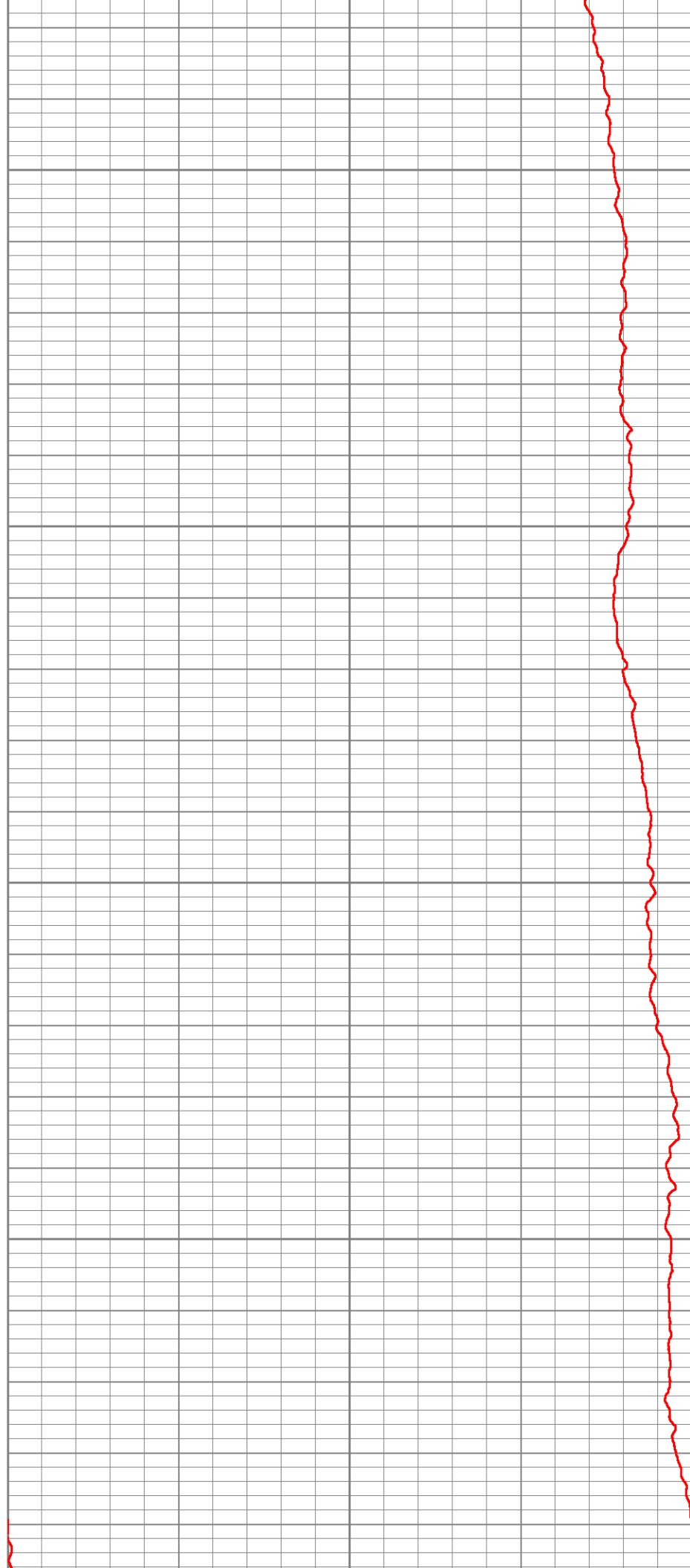
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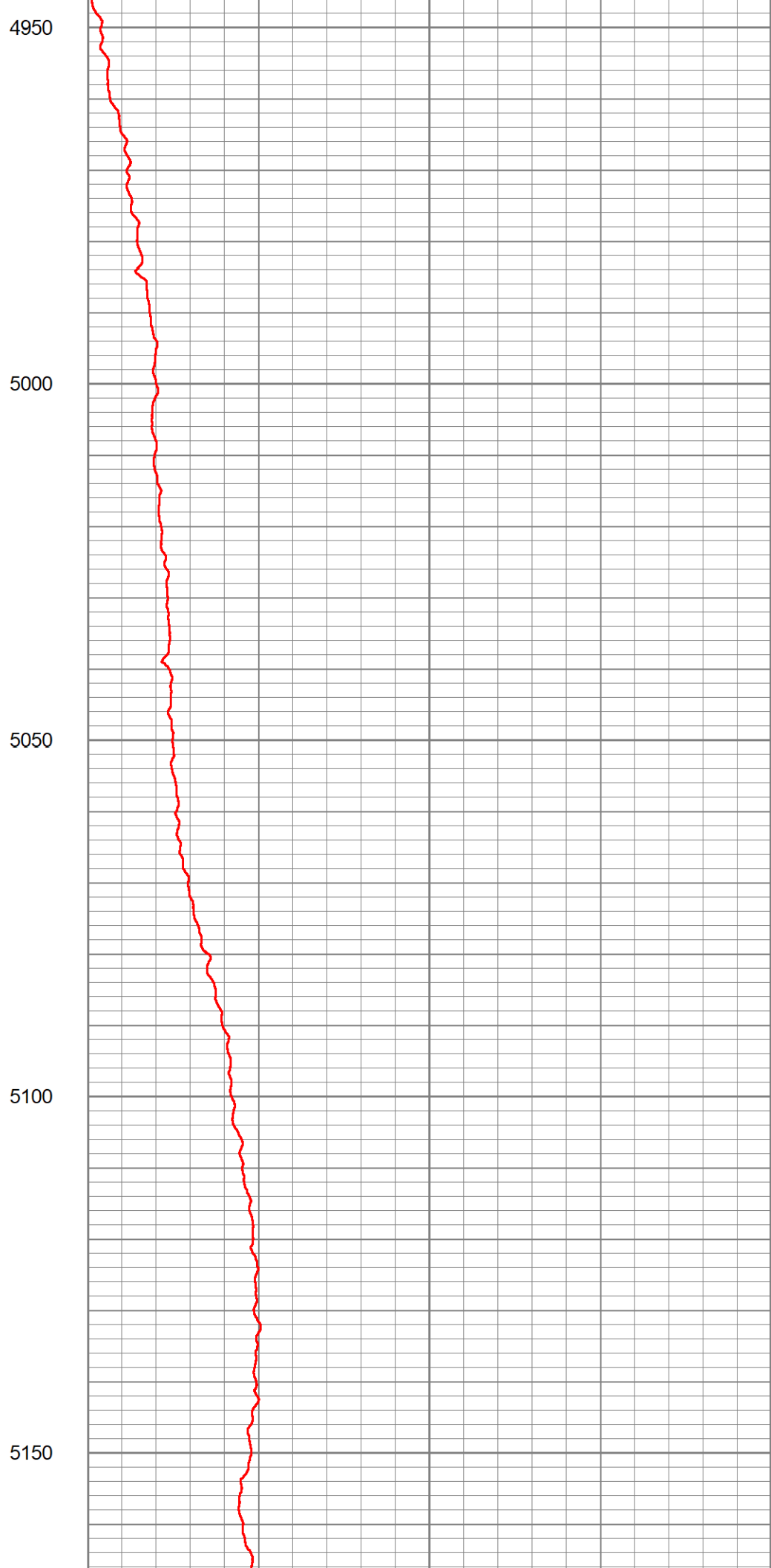
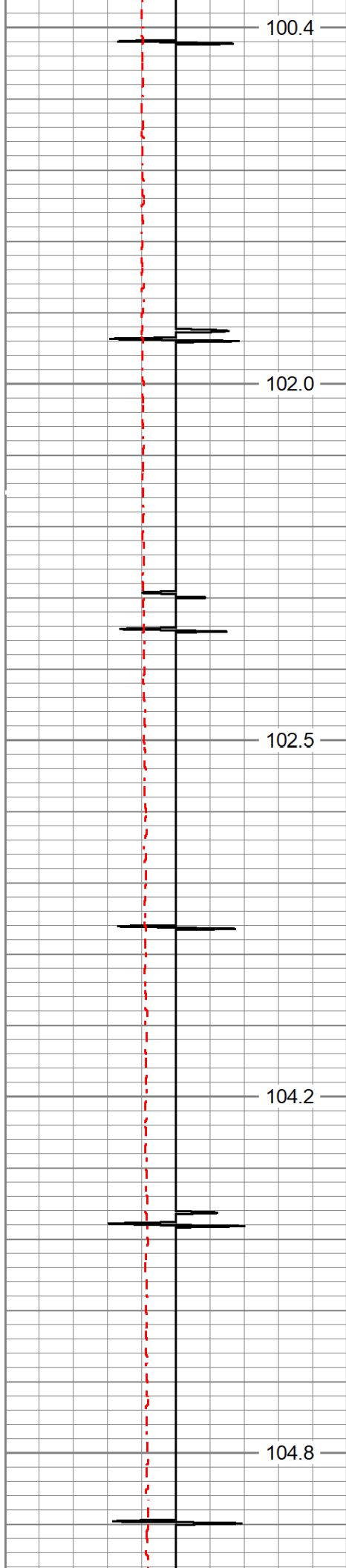
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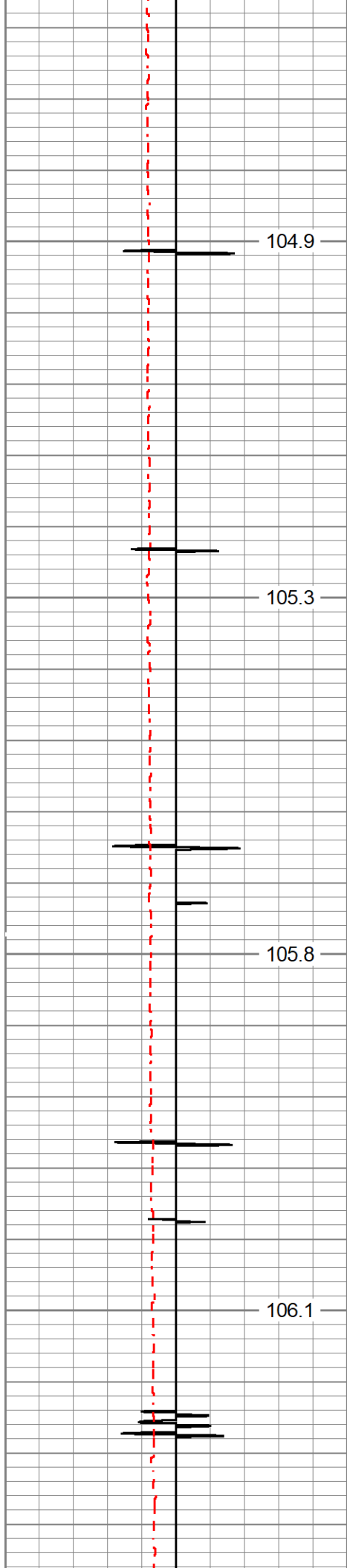
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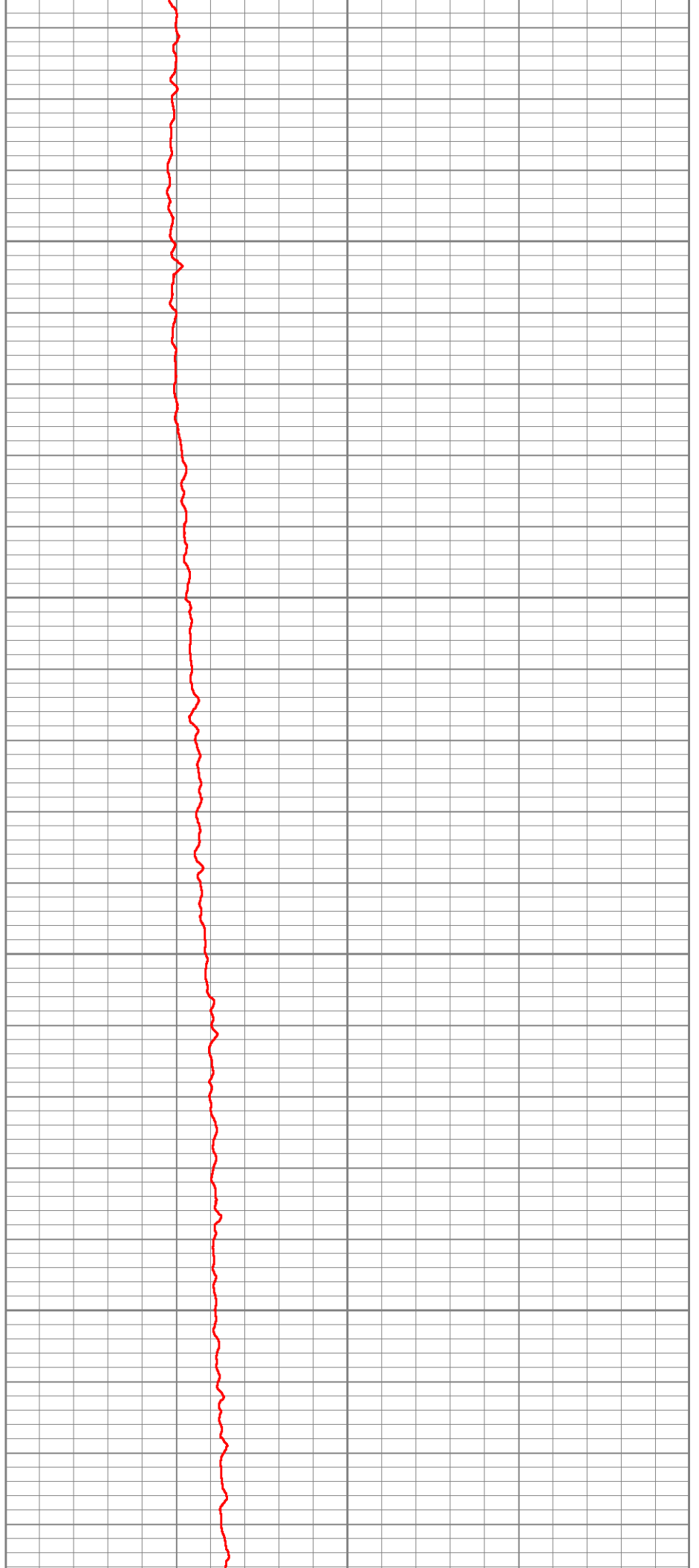


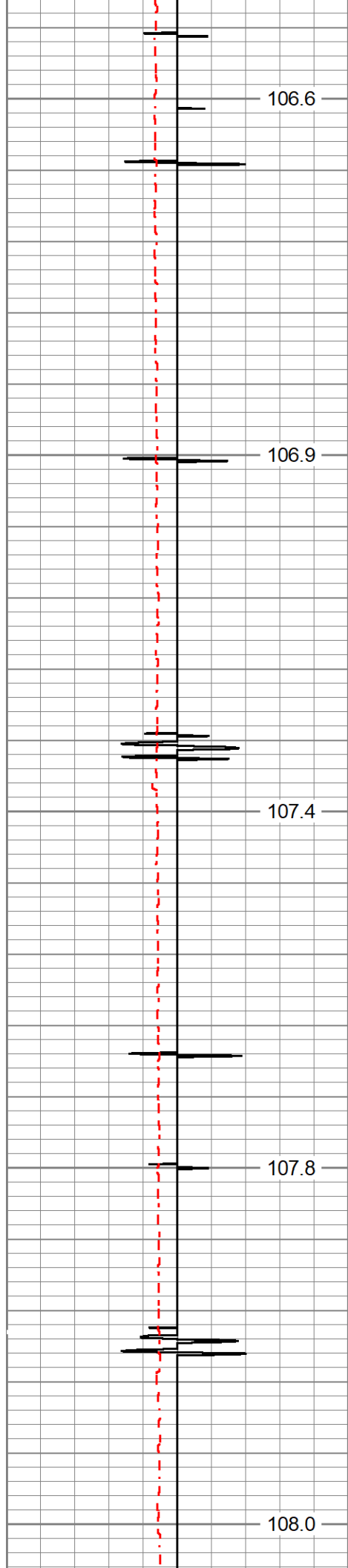
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106.6

5400

106.9

5450

107.4

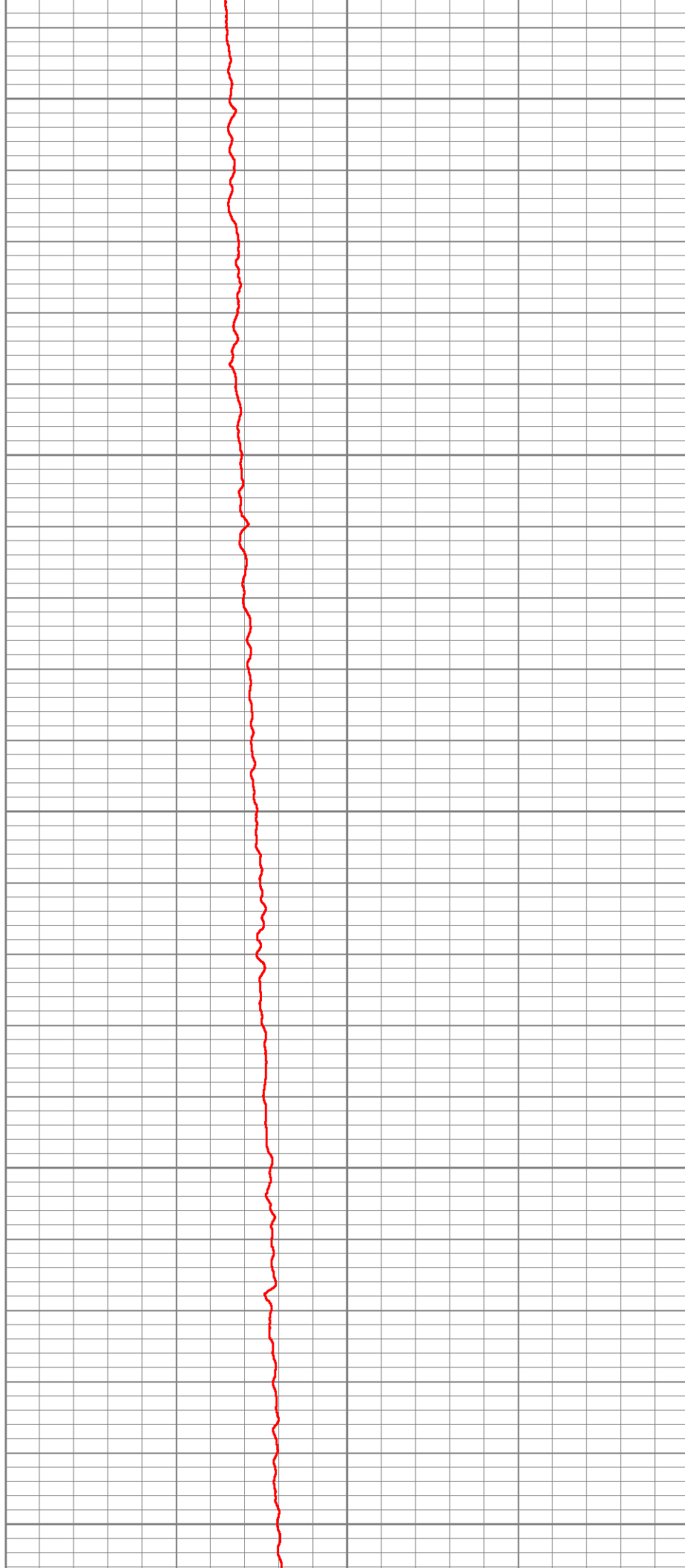
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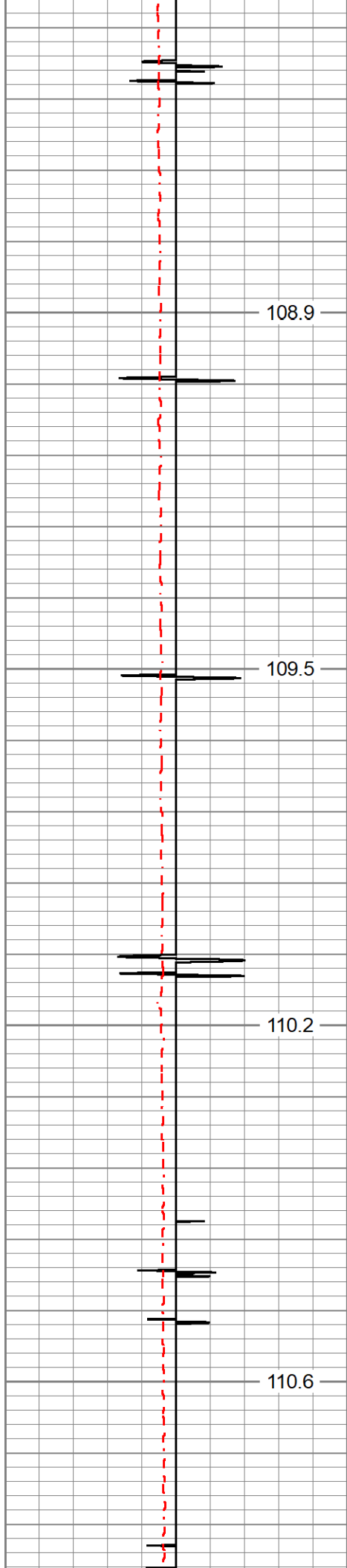
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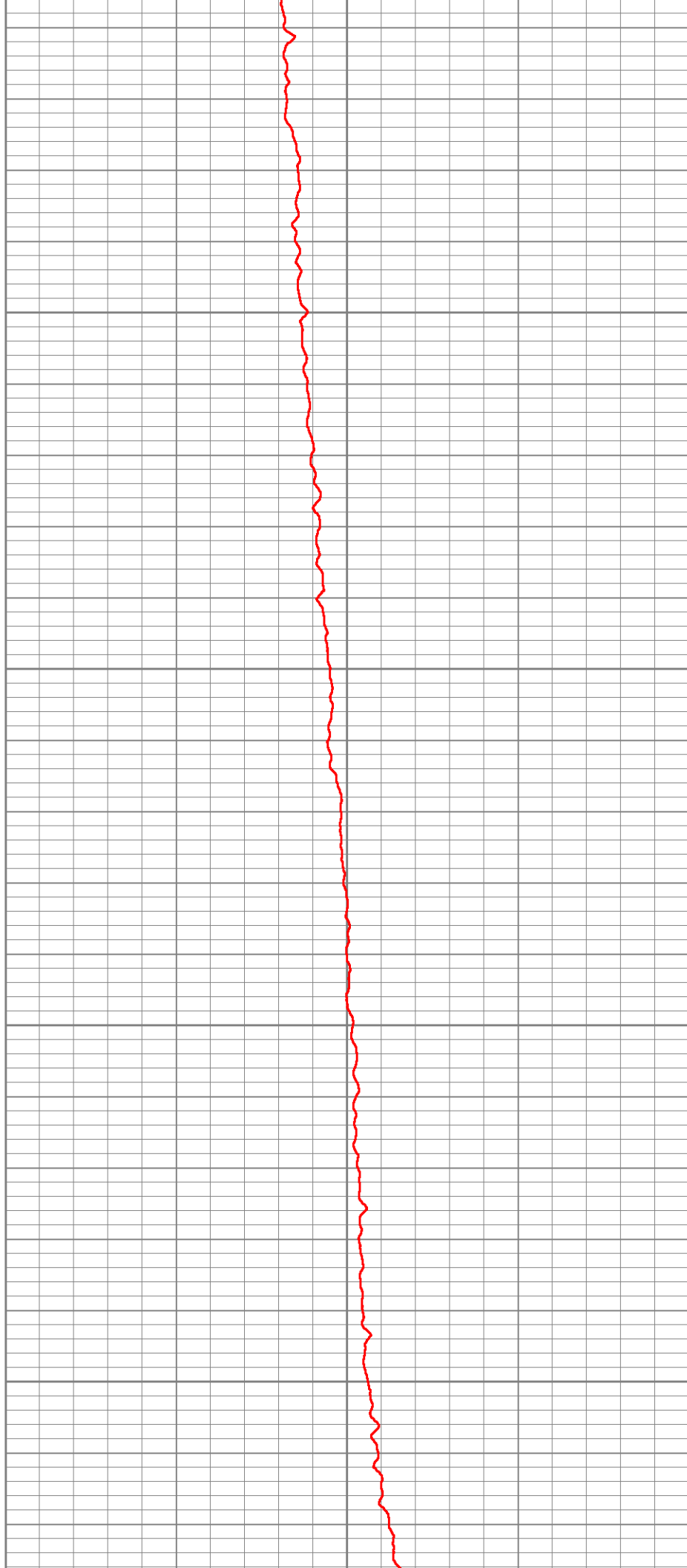
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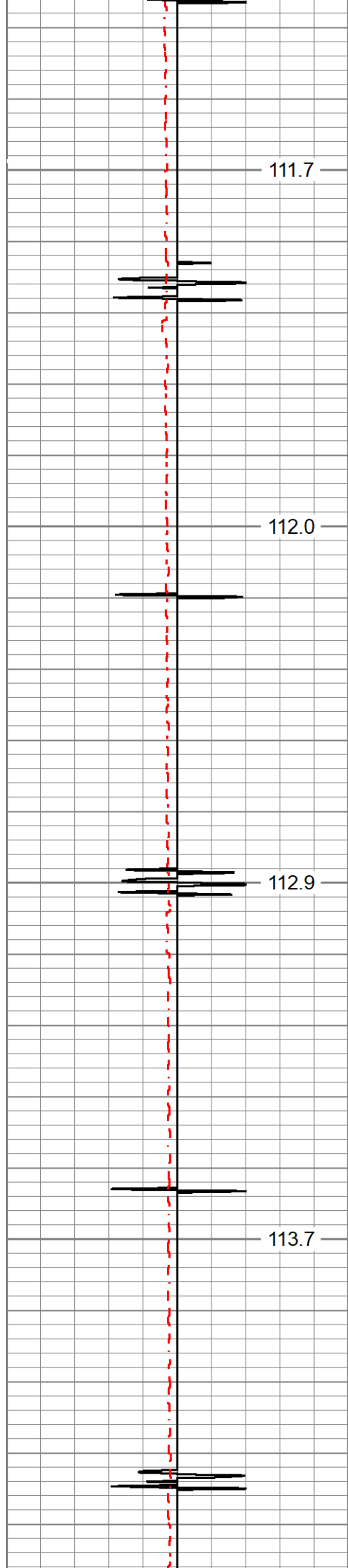
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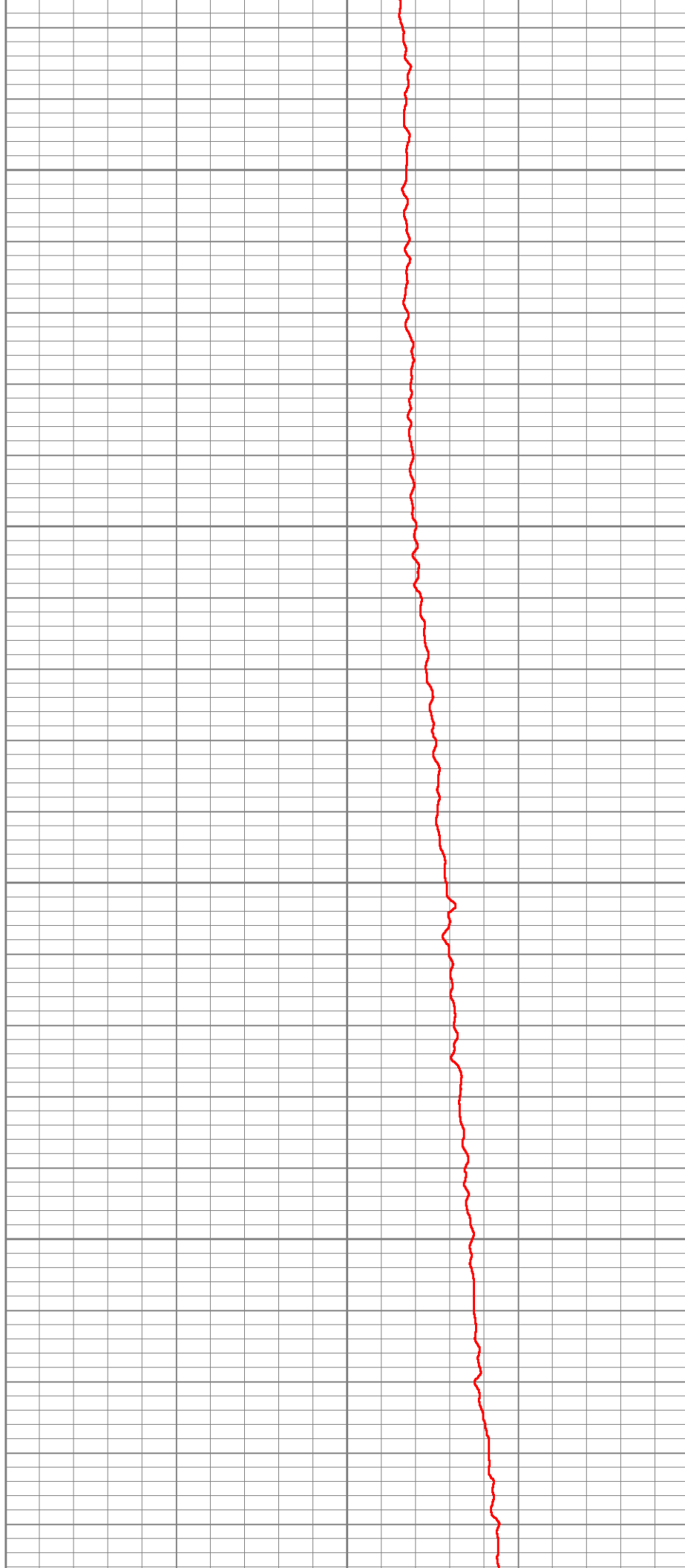


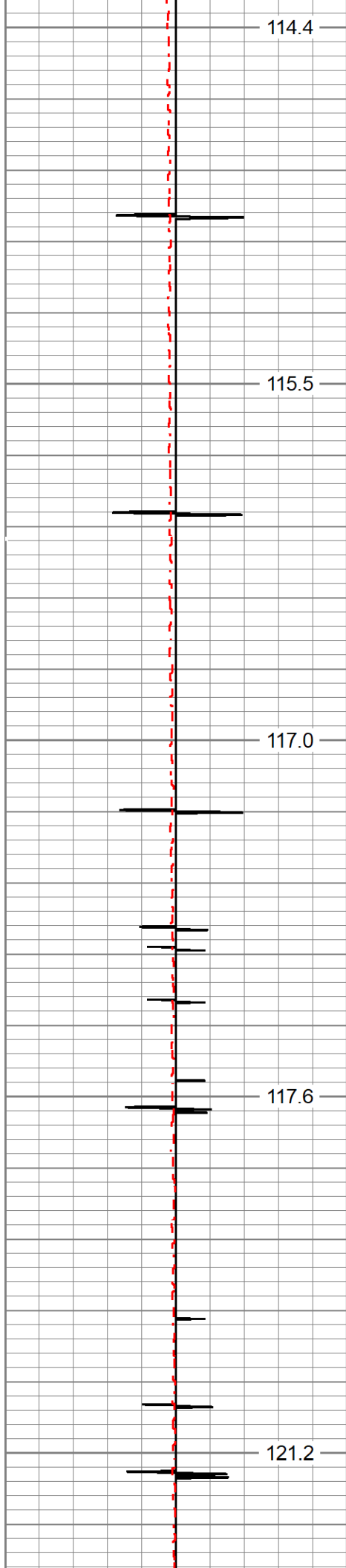
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6000





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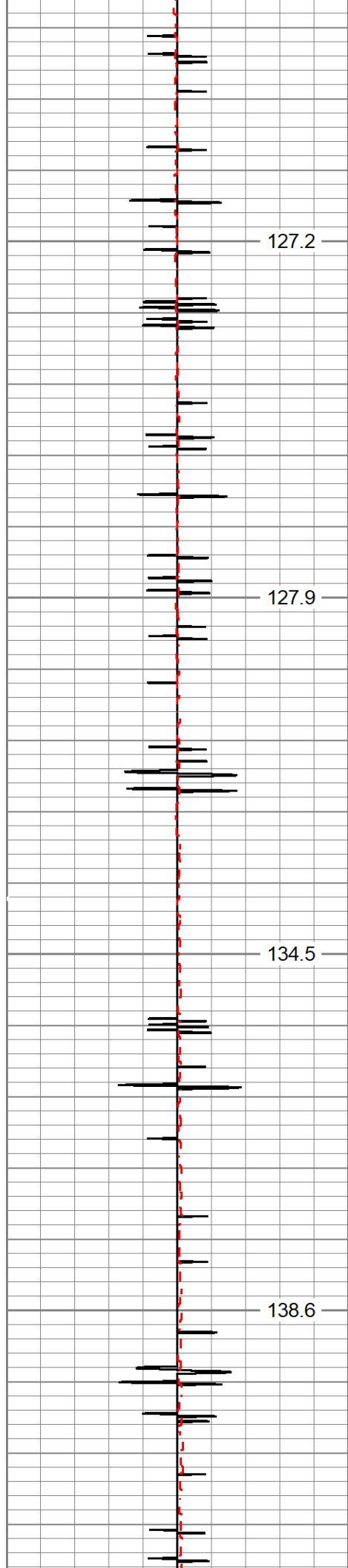
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6200

6250

Estimated Top of Cement →

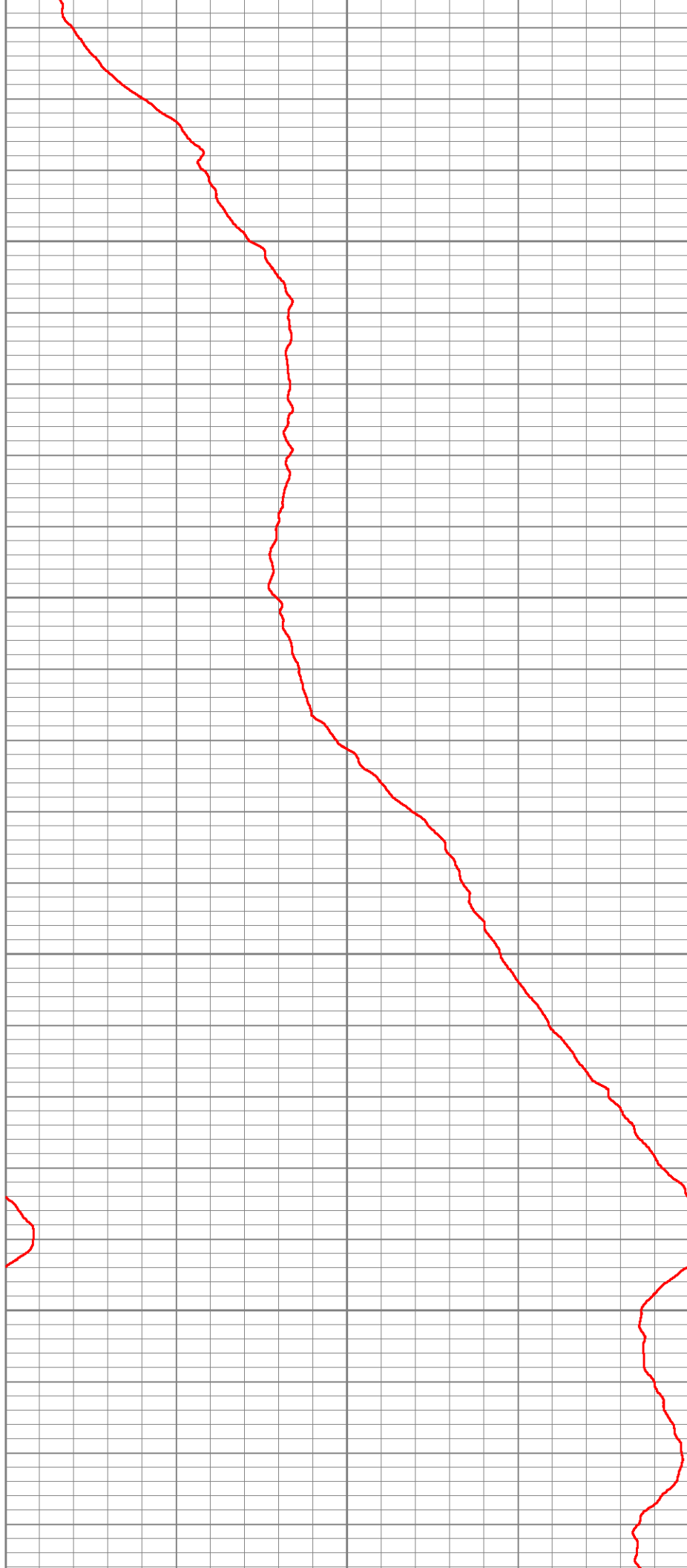


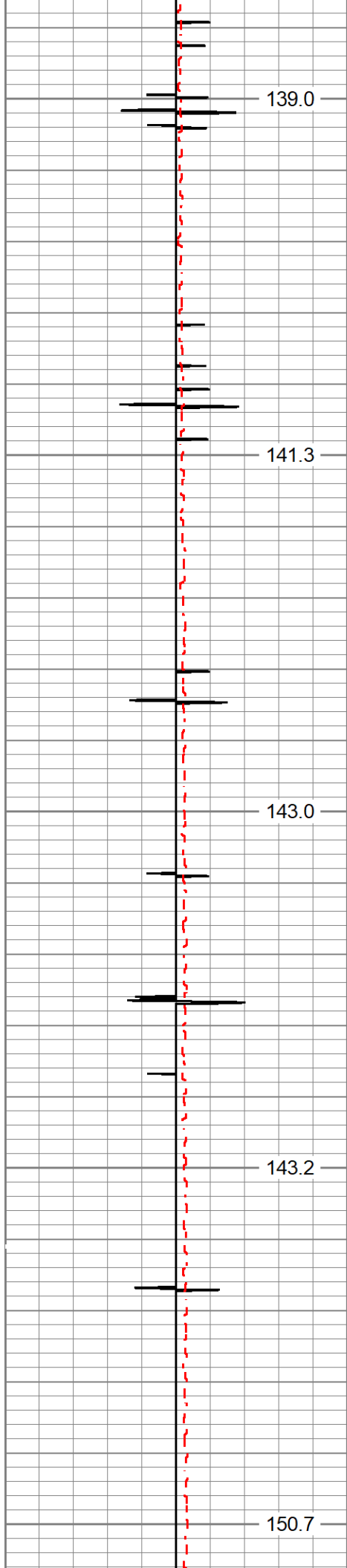
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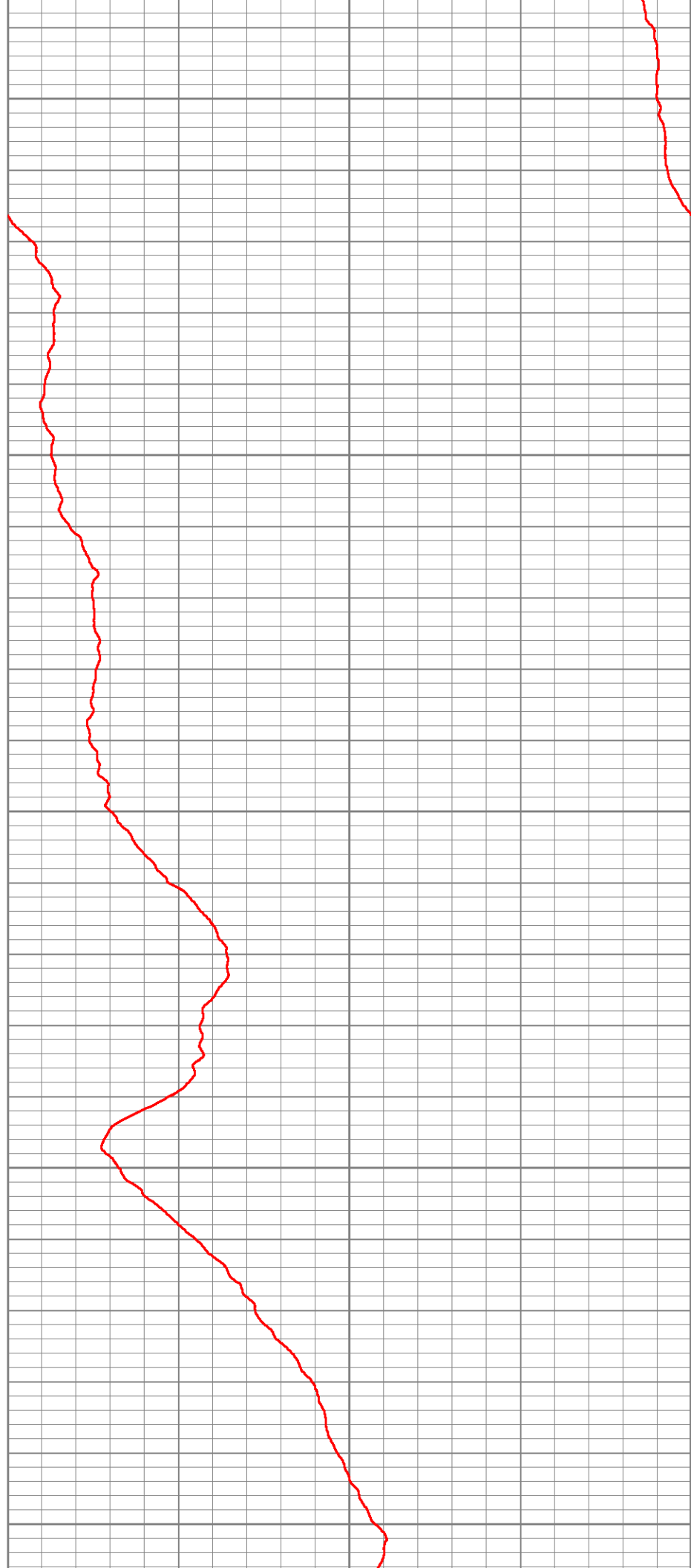
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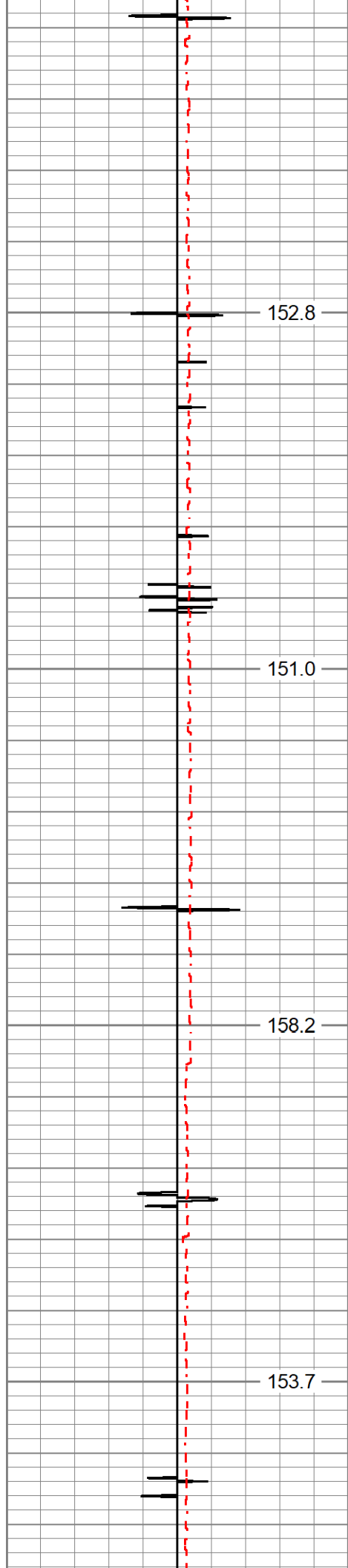
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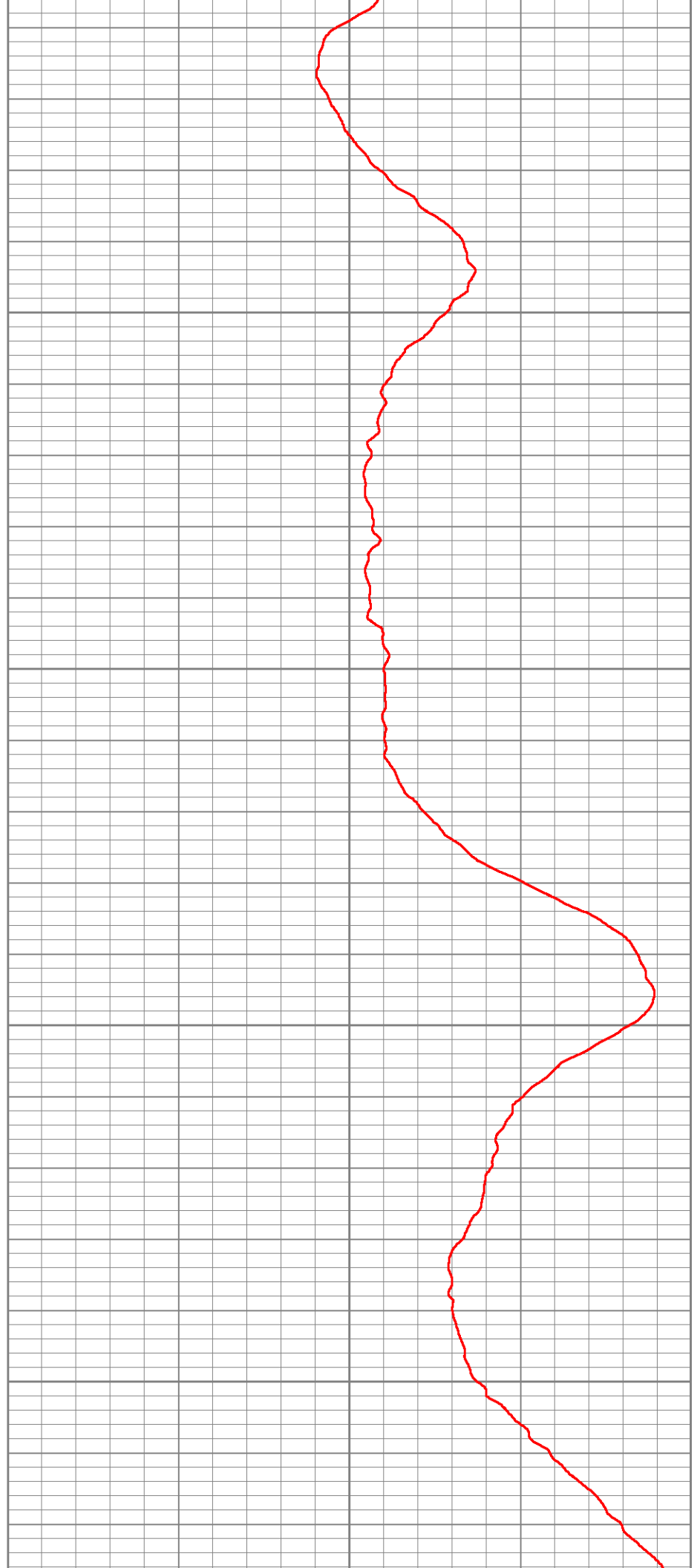


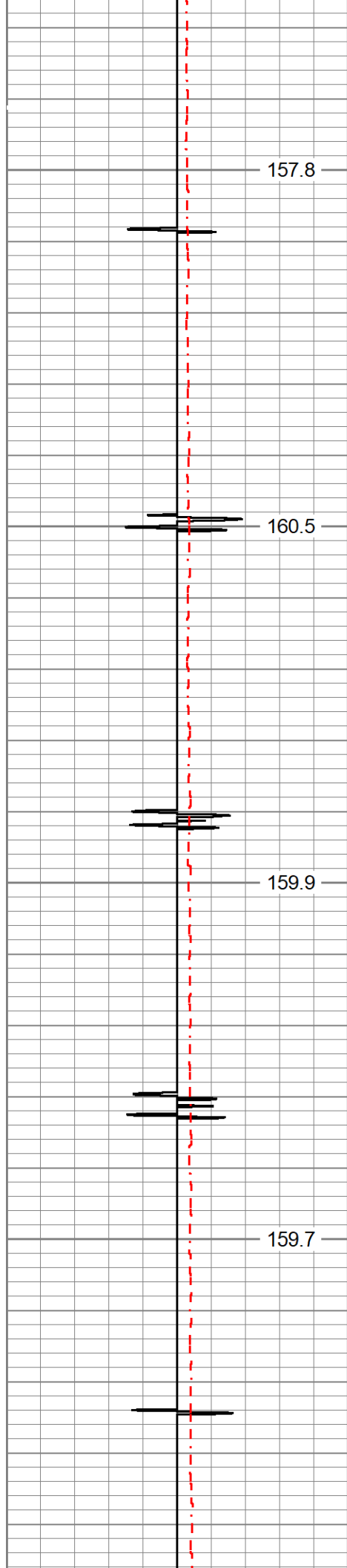
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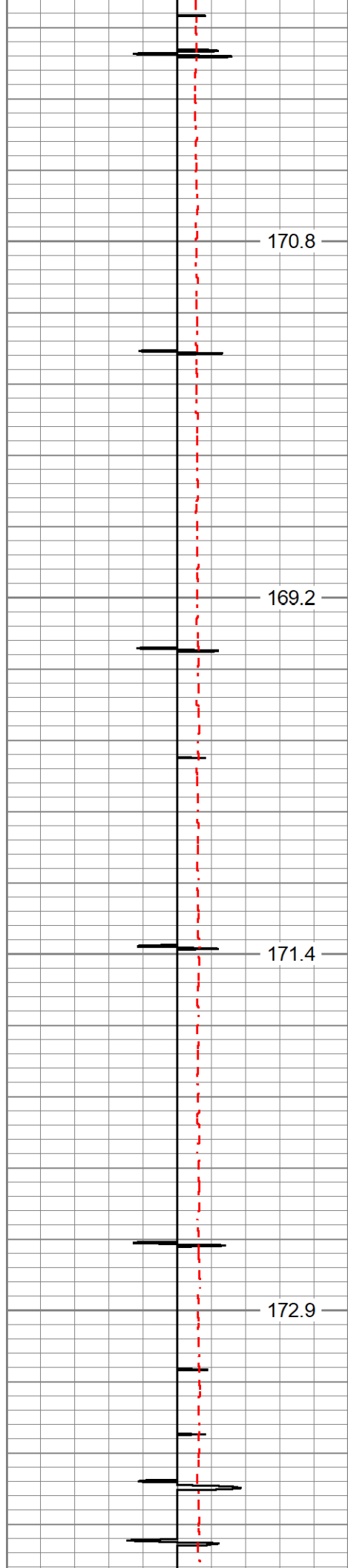


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7100



170.8

169.2

171.4

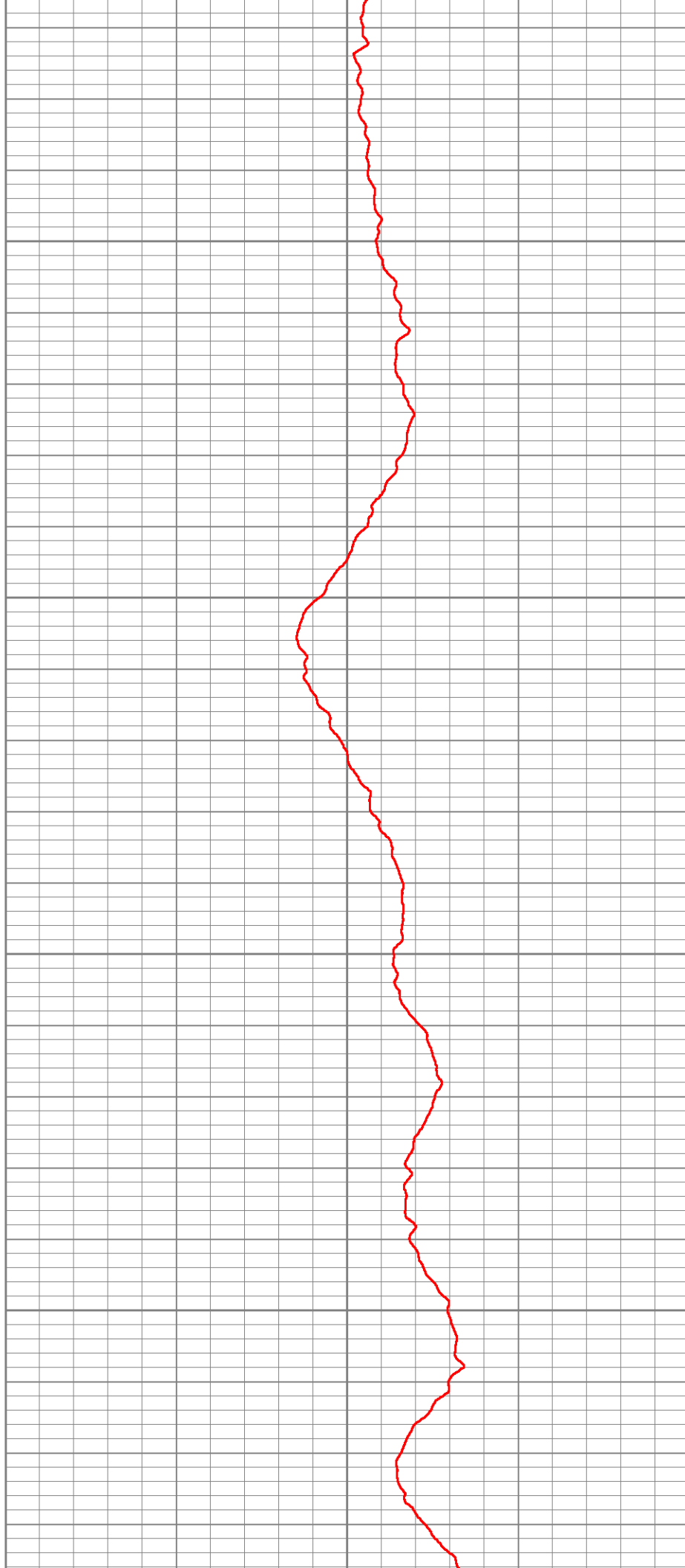
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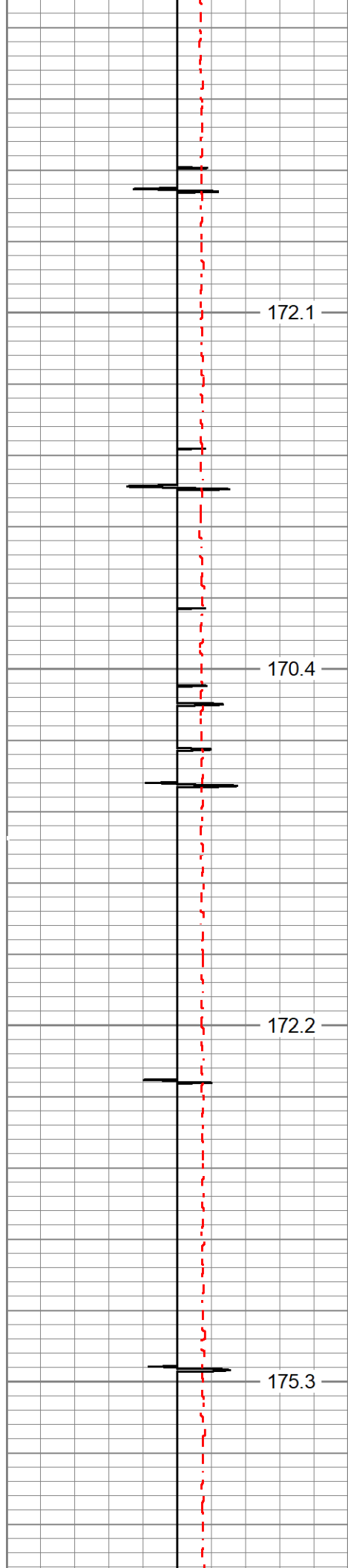
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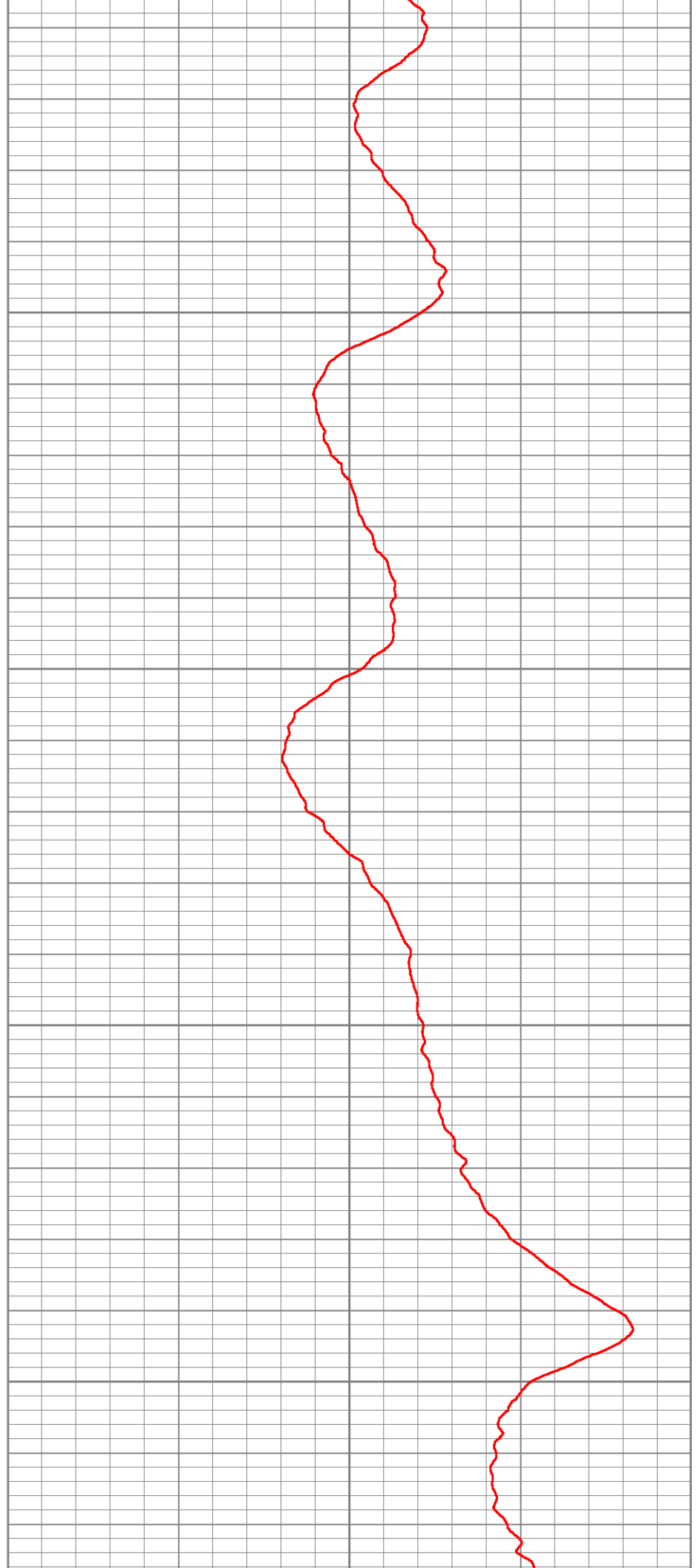


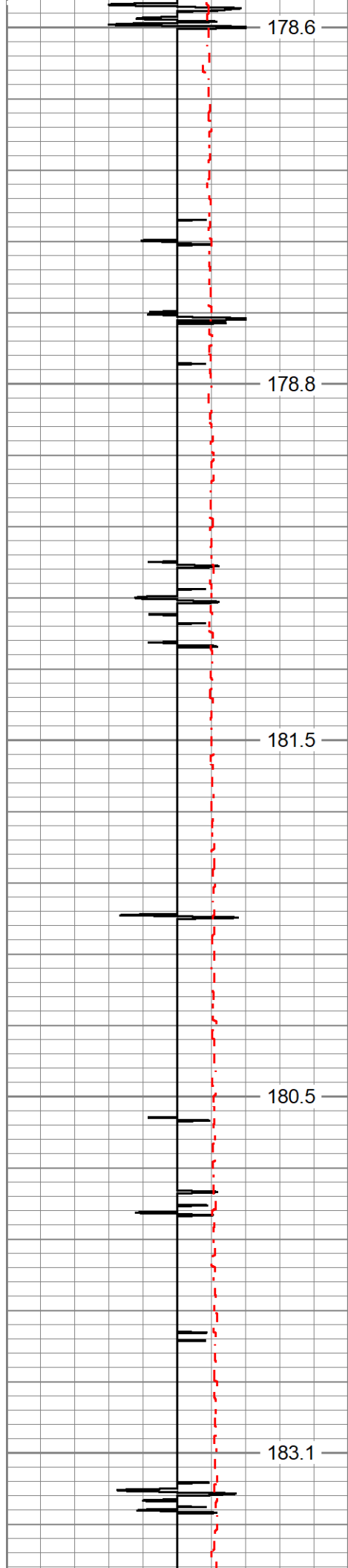
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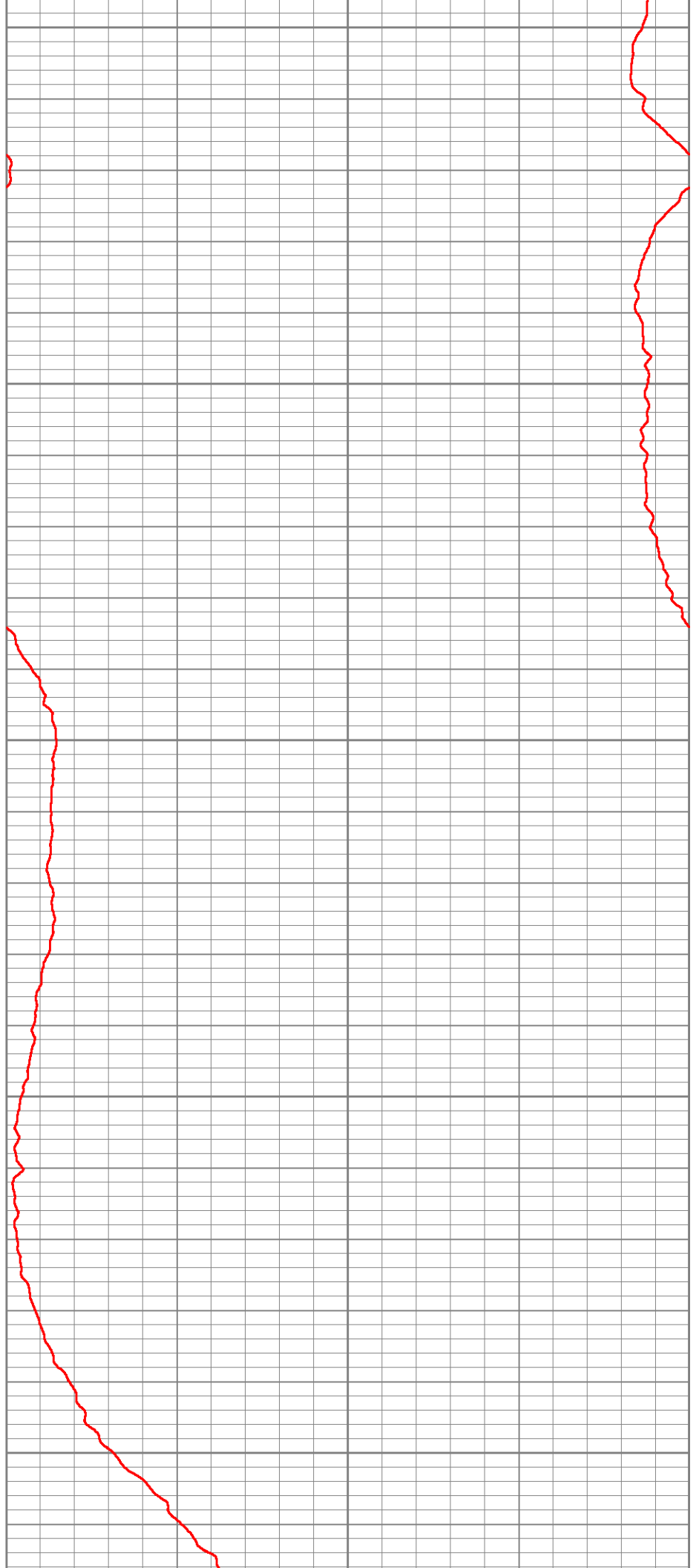
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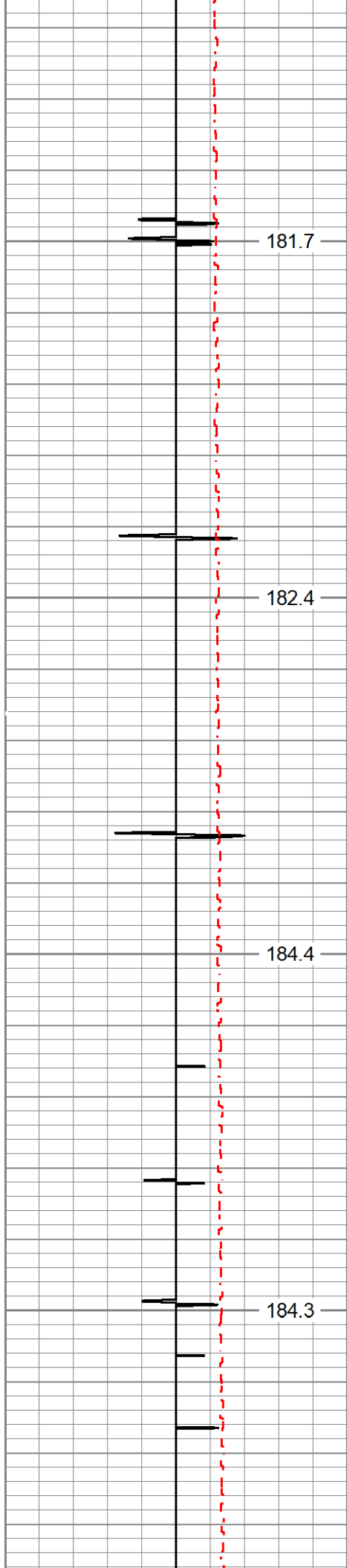
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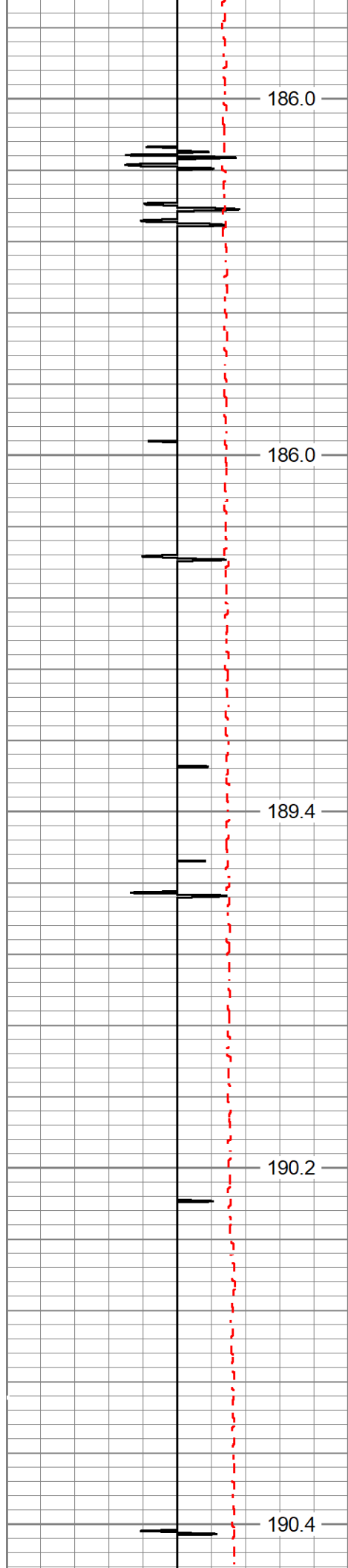
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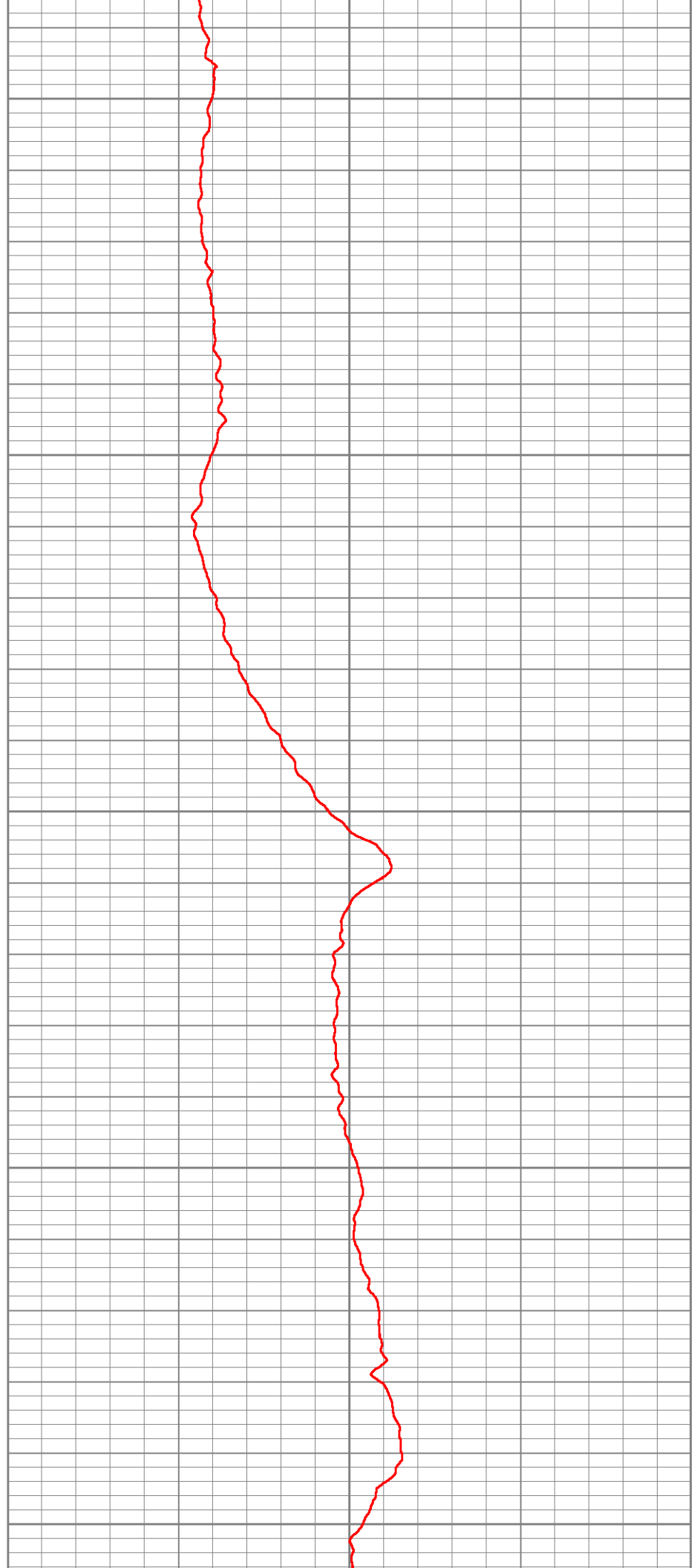
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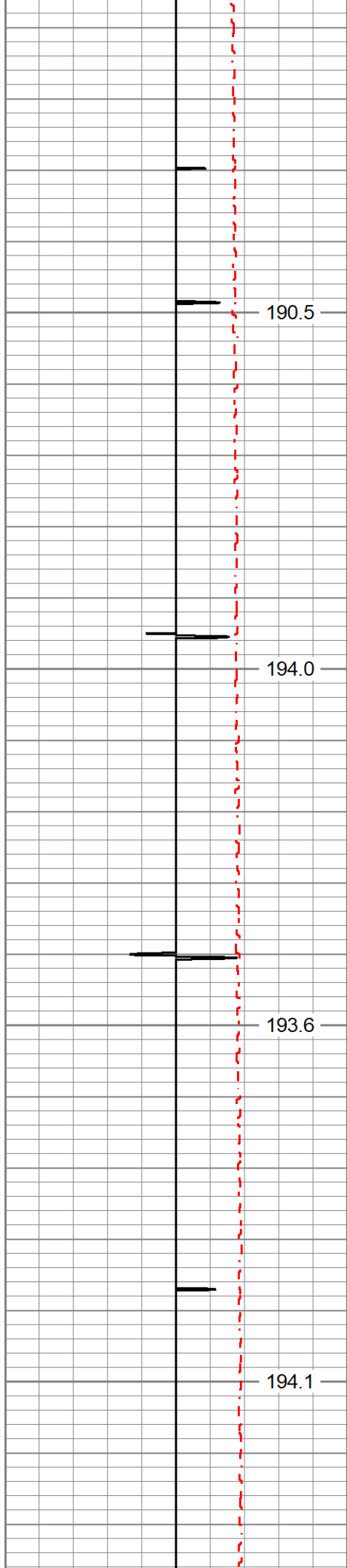
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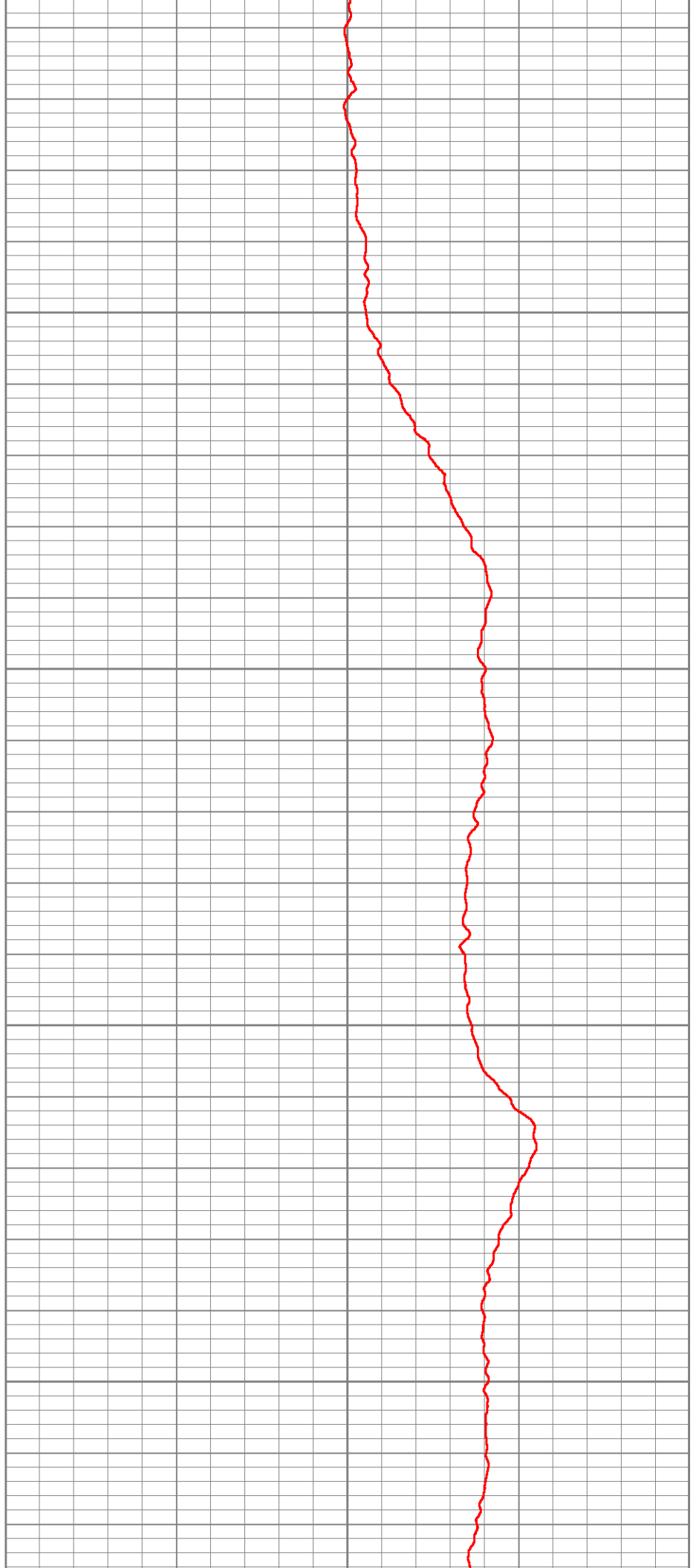


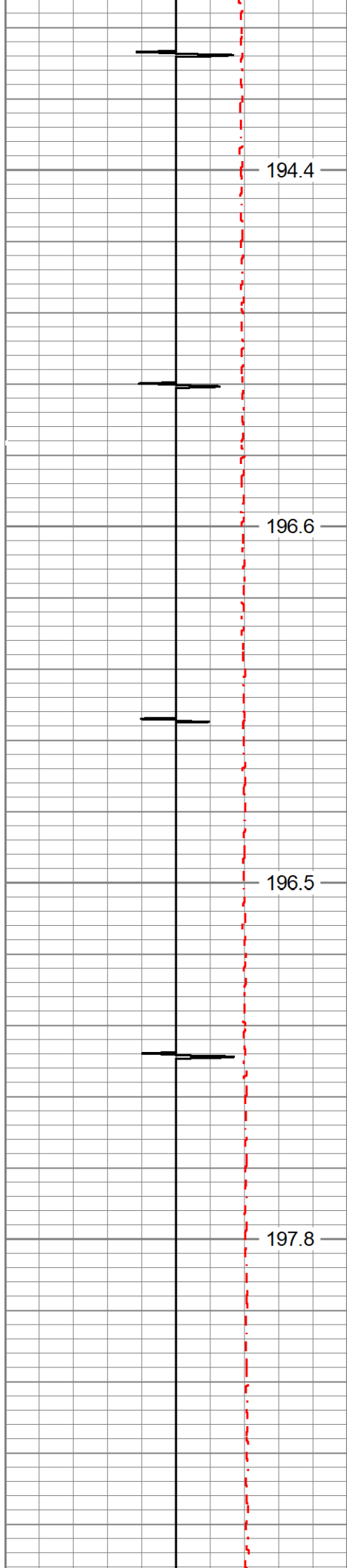
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194.4

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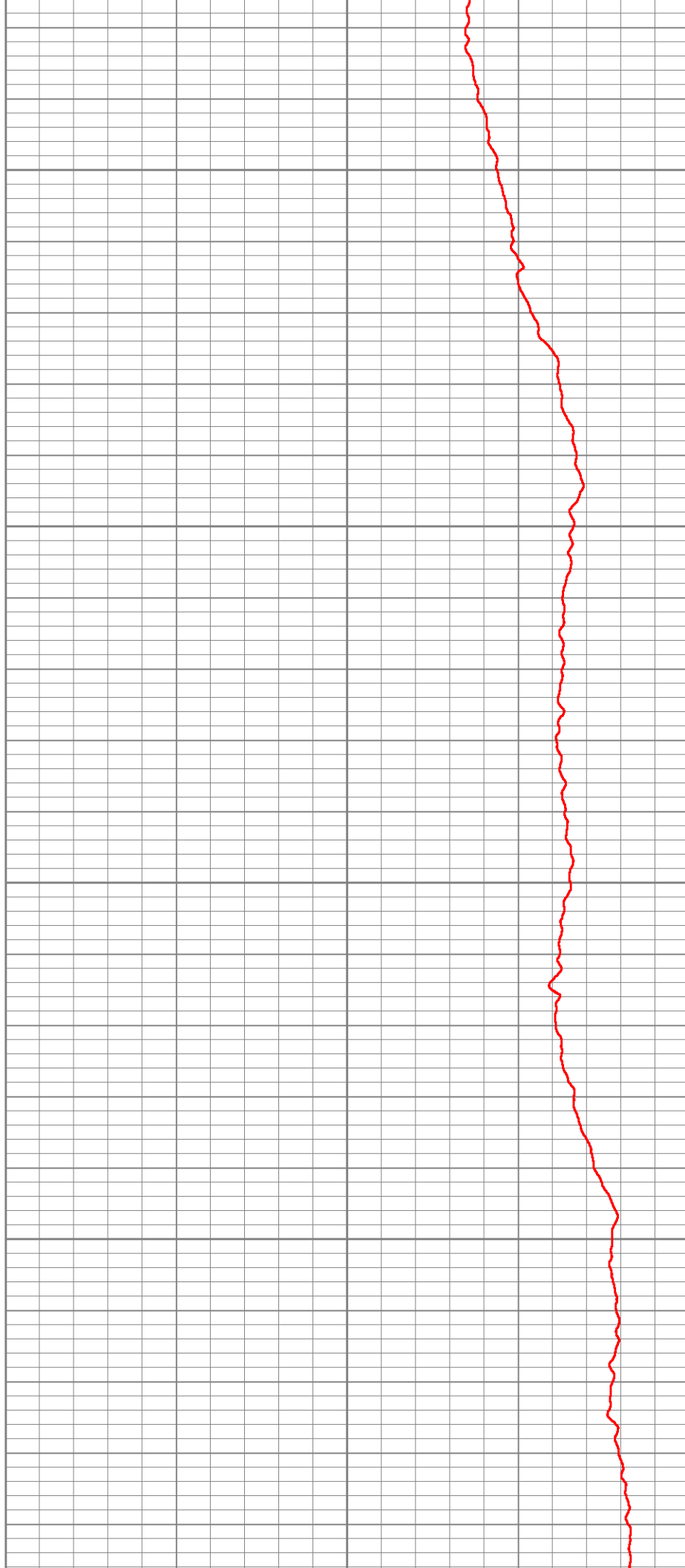
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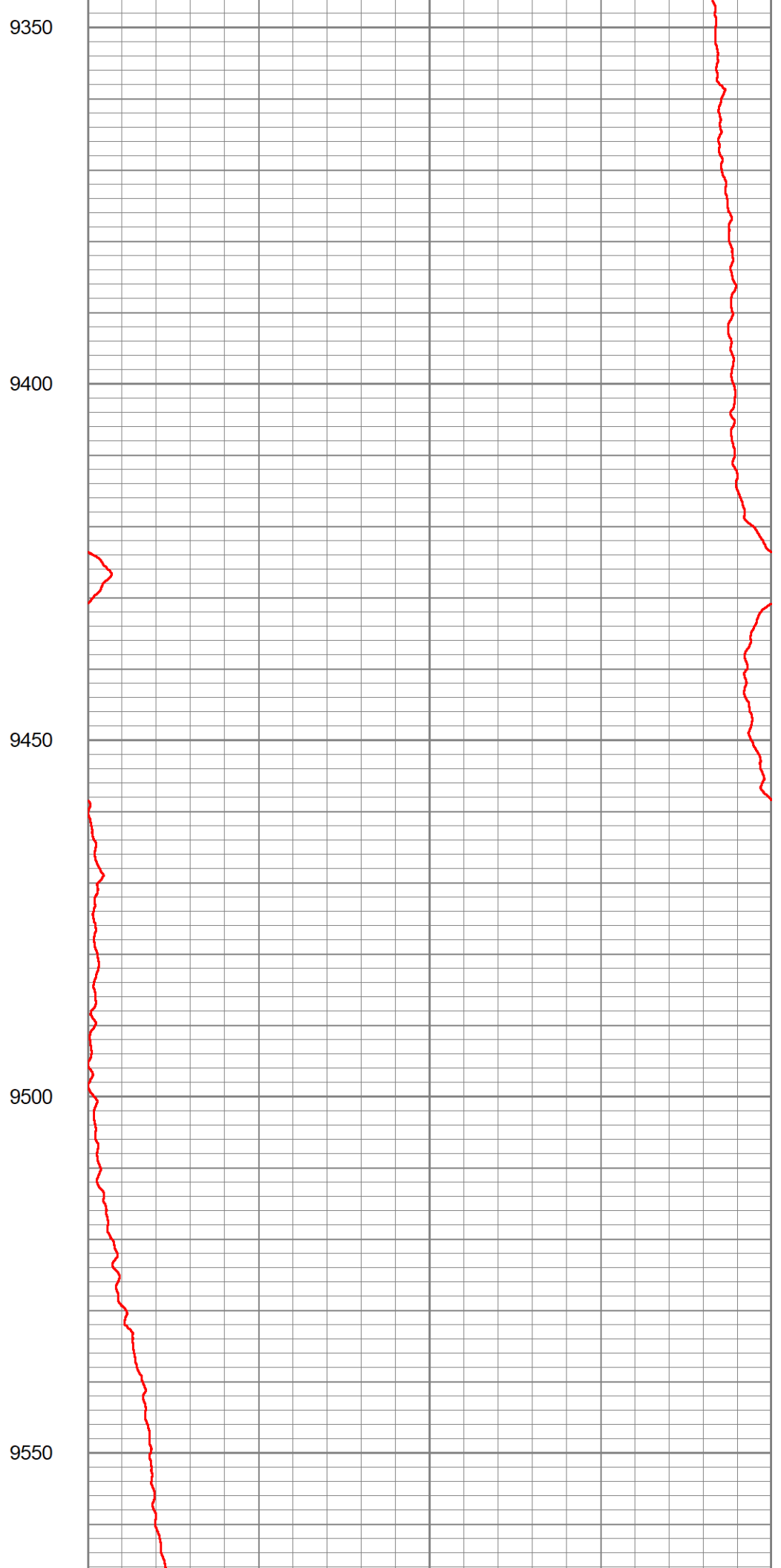
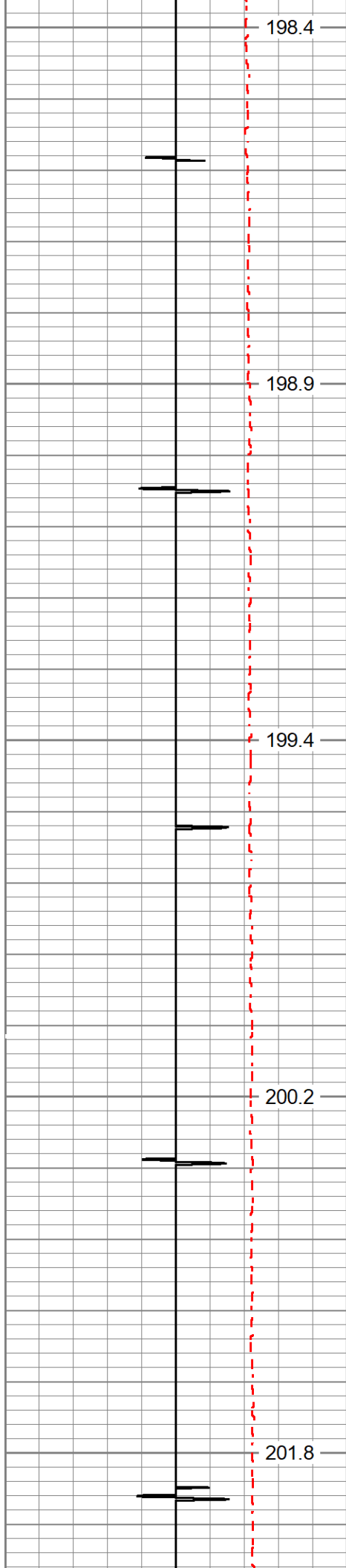
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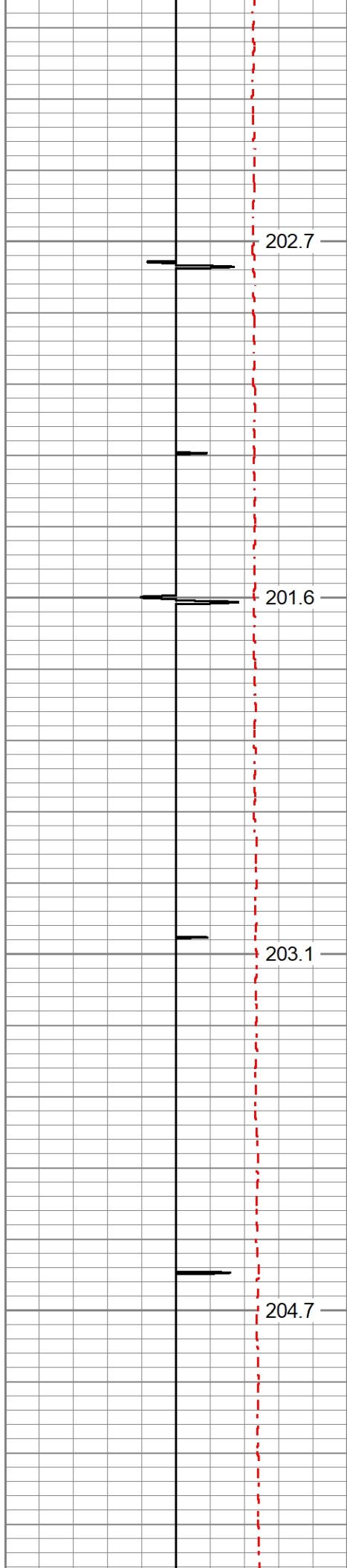
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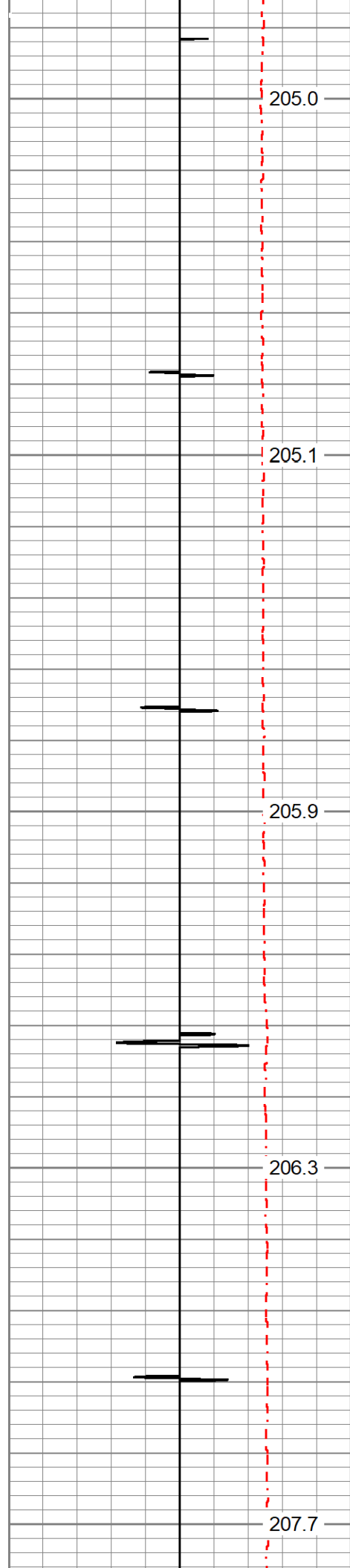


9600

9650

9700

9750



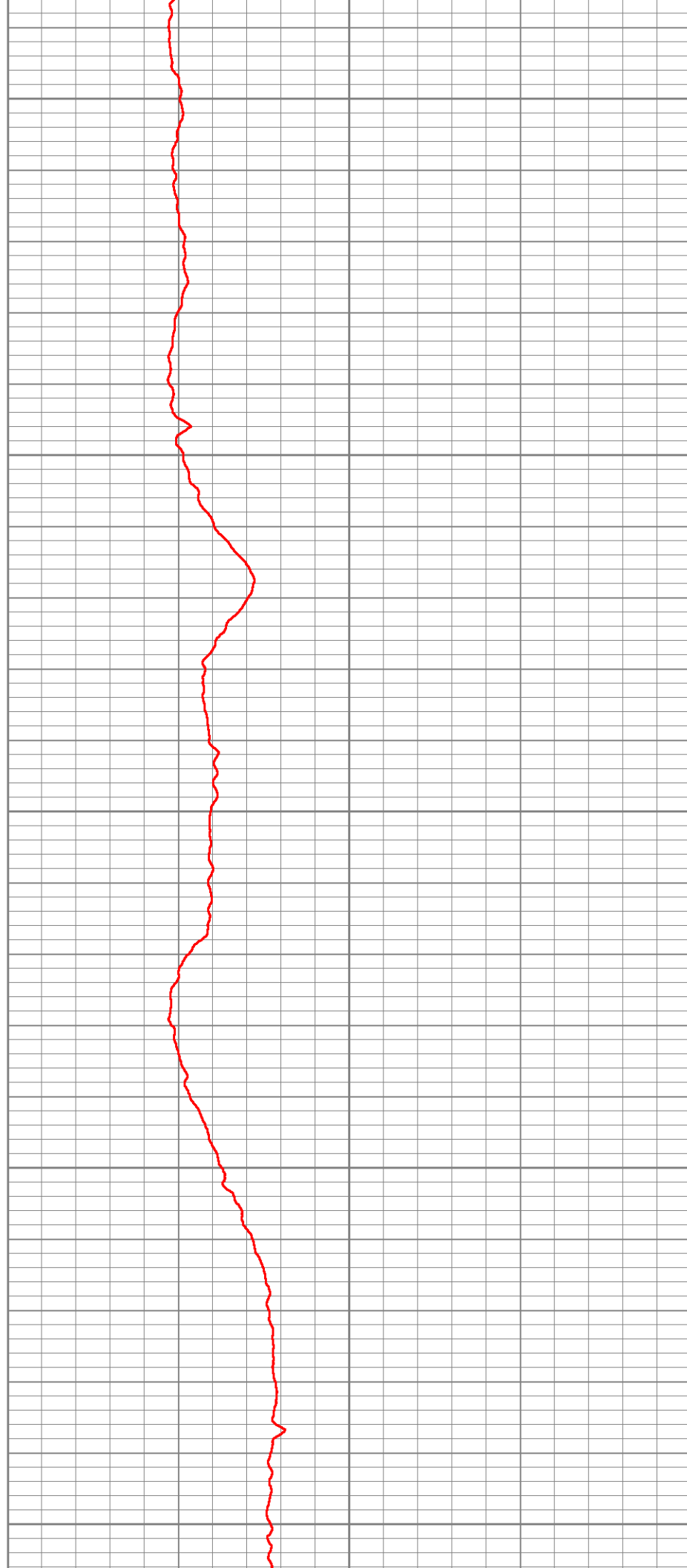
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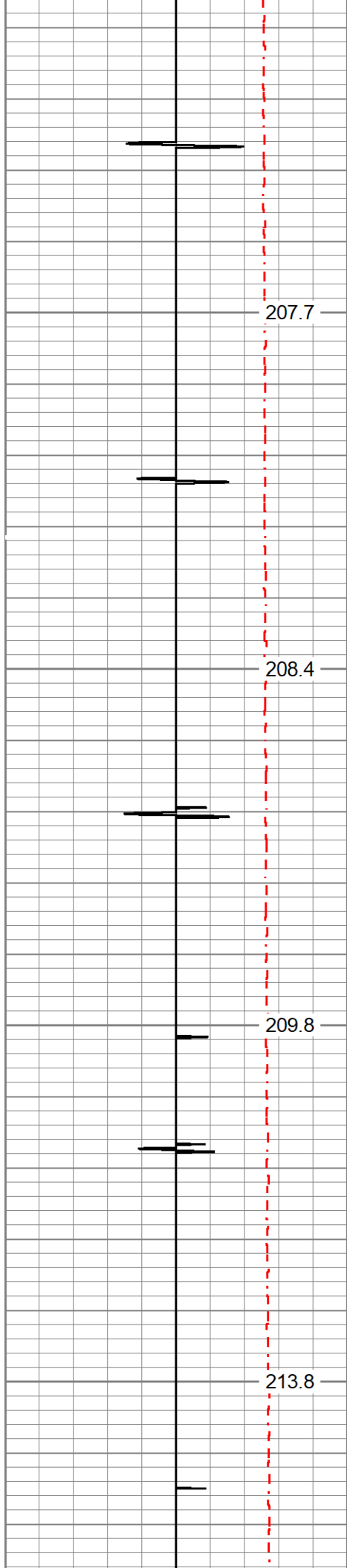
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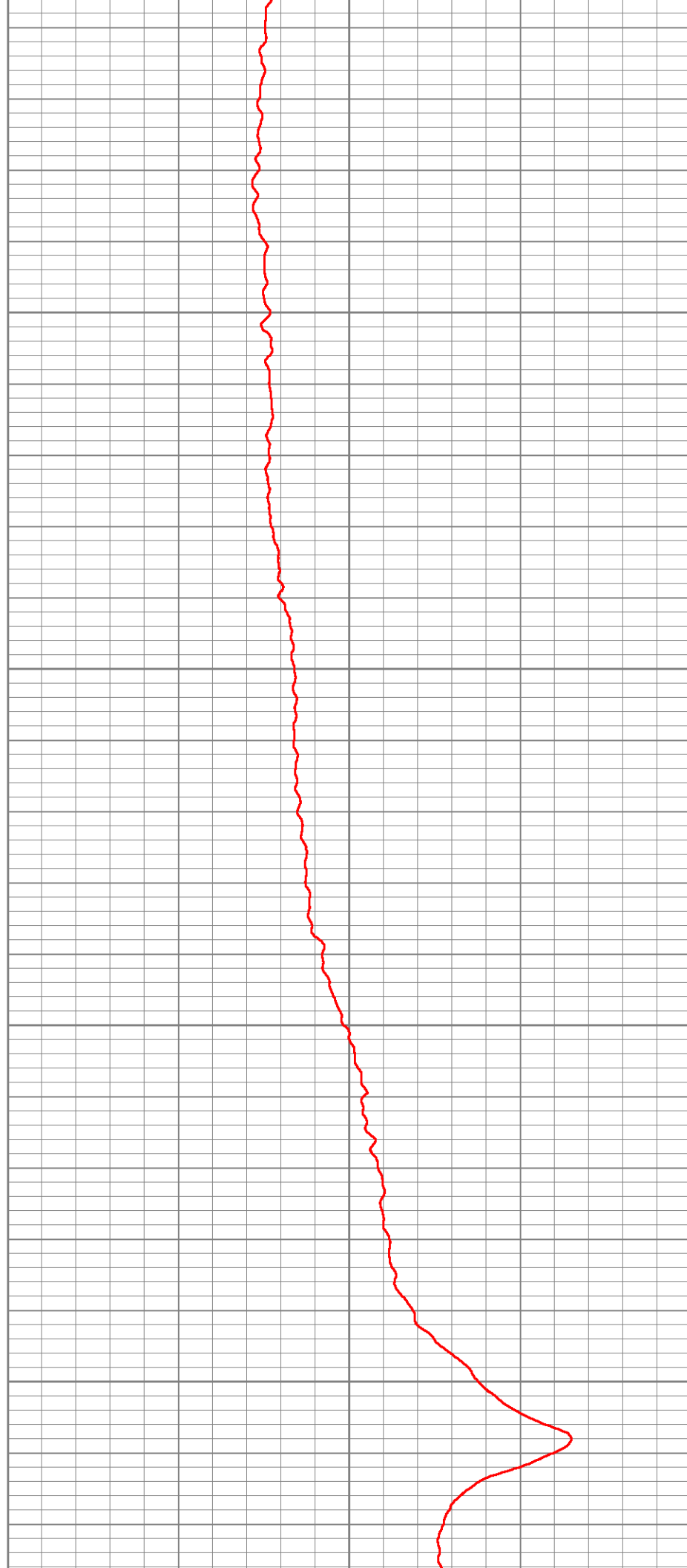


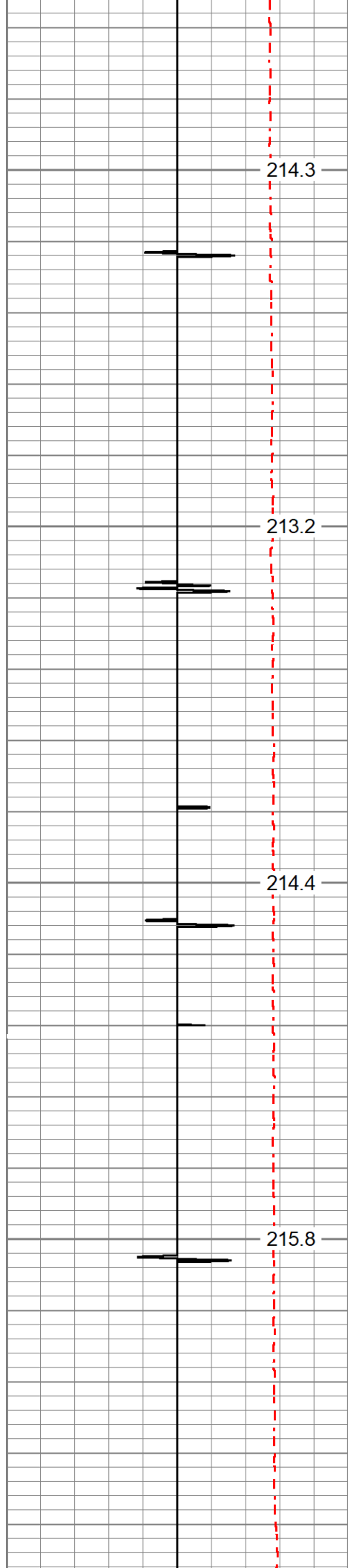
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10150

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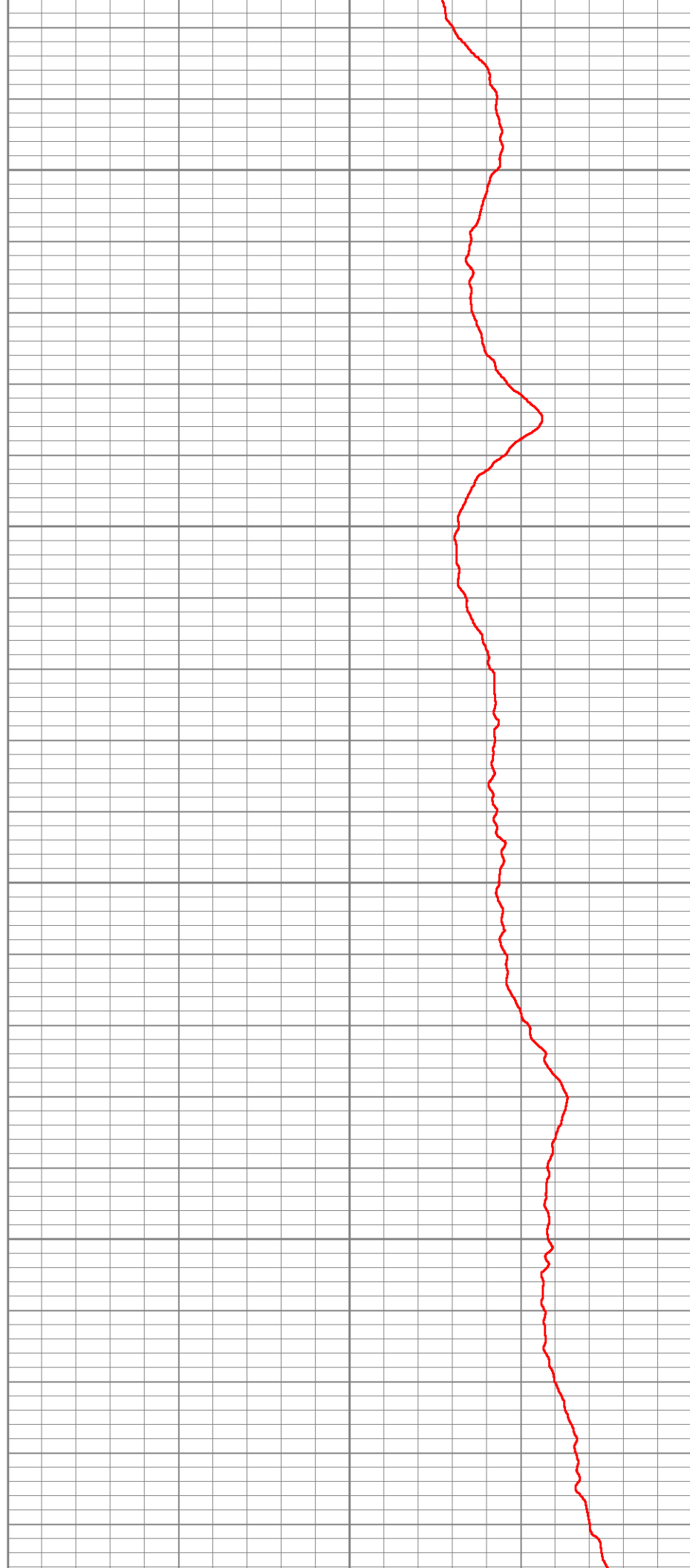
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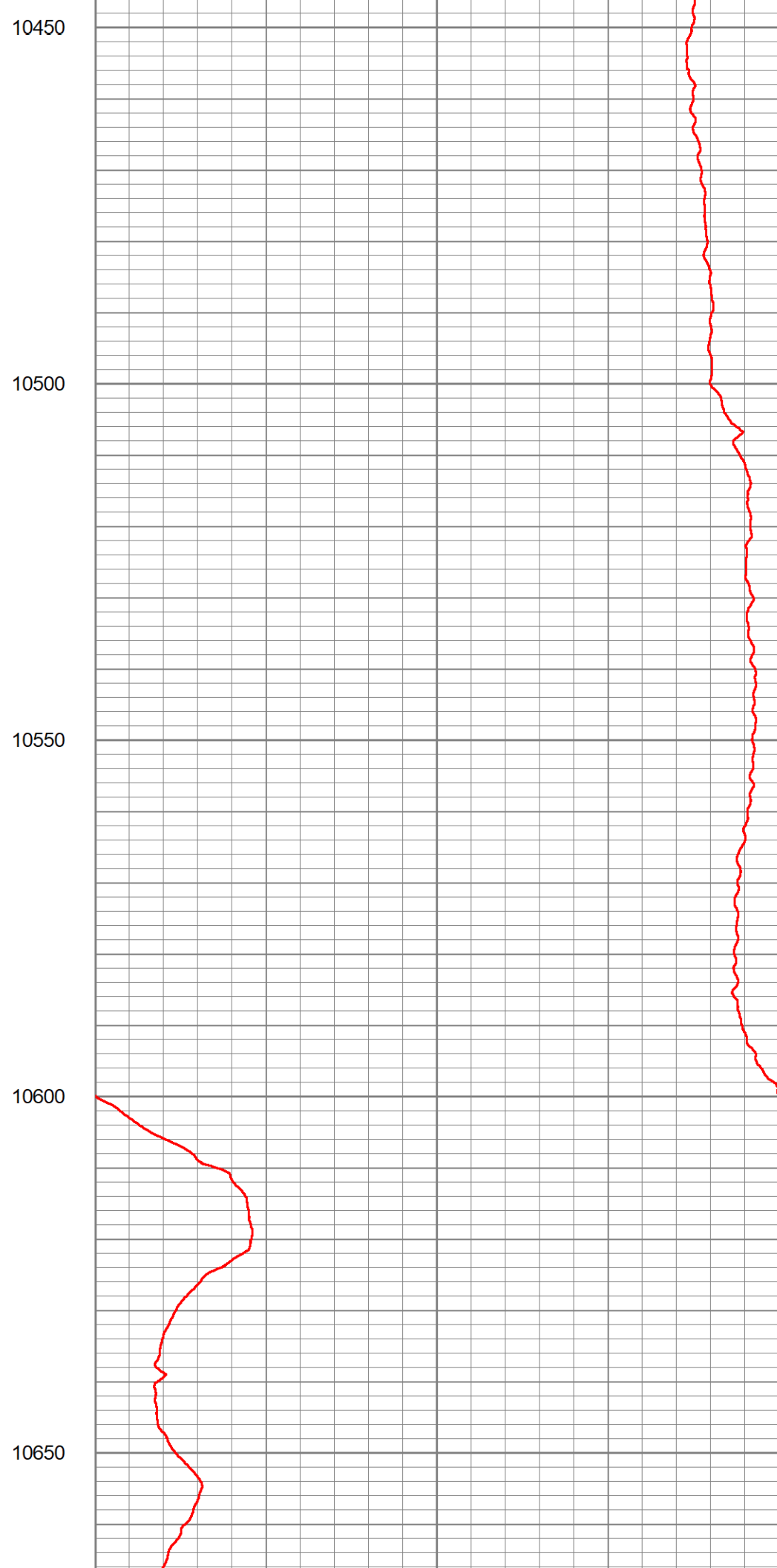
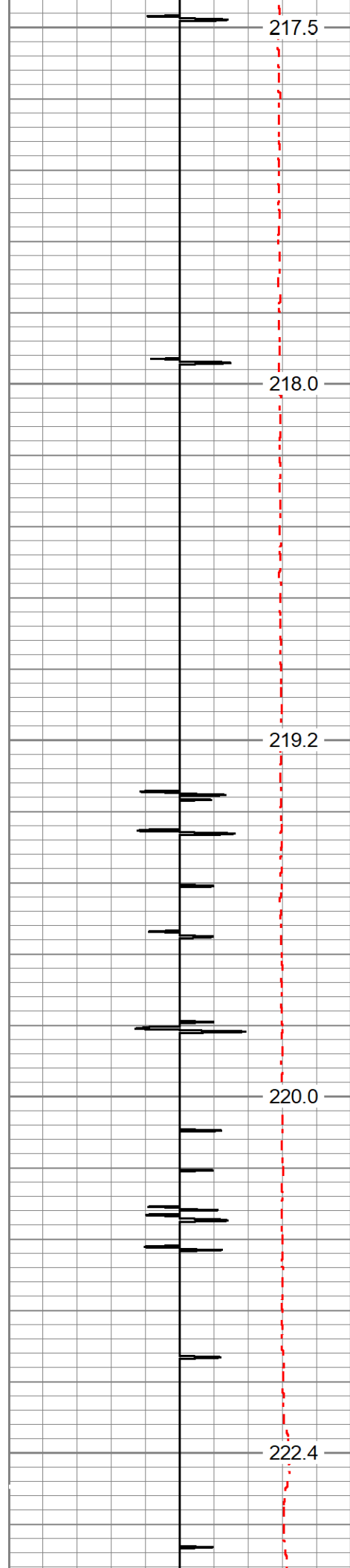
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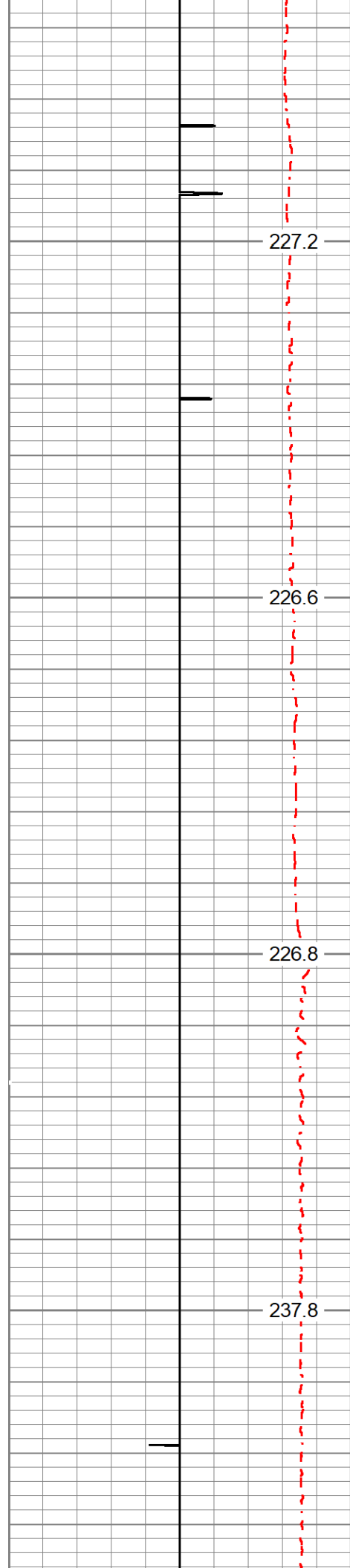
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215.8





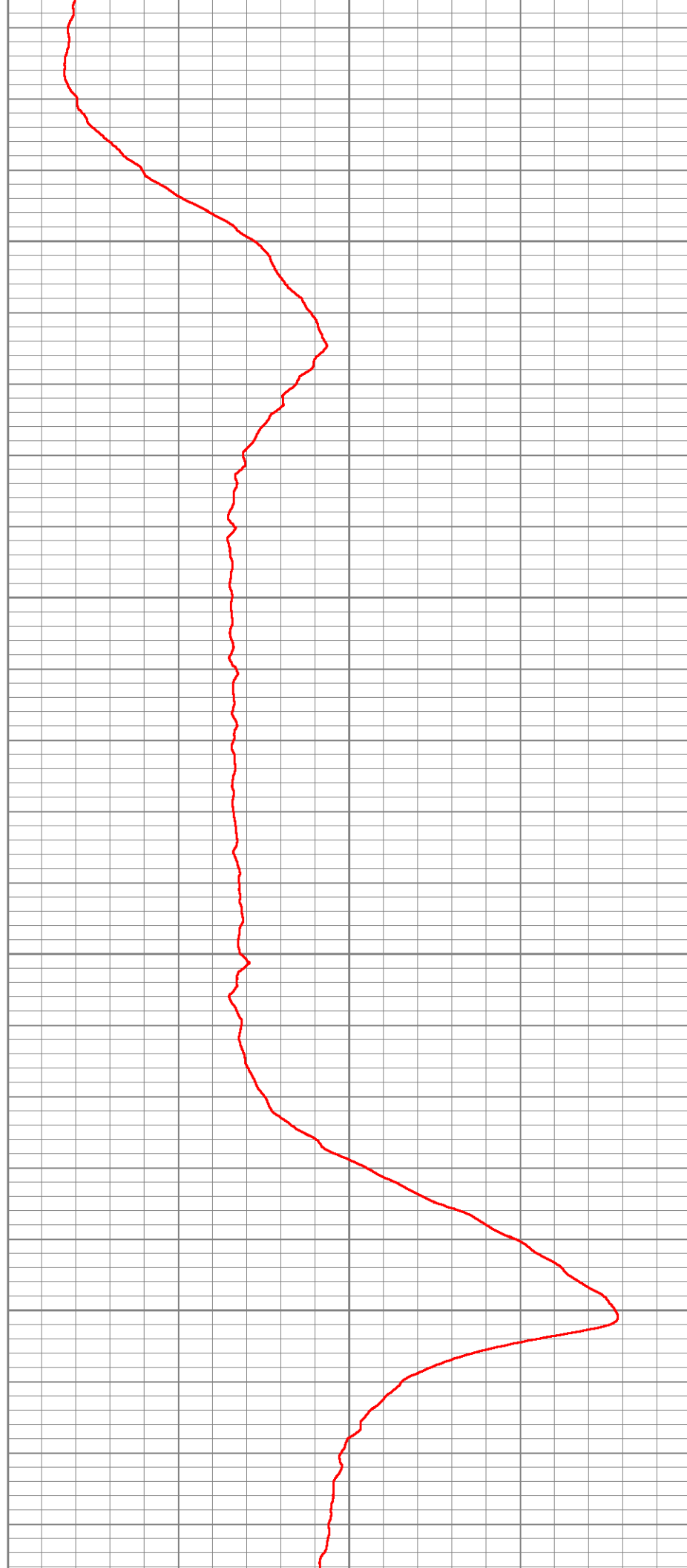


10700

10750

10800

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Company TEP Rocky Mountain LLC

Well Federal WMC 431-20

Field Rulison

County Garfield

State Colorado



Temperature
Casing Collar Log