



## Temperature Casing Collar Log

Company		TEP Rocky Mountain LLC	
Well		Federal WMC 332-20	
Field		Rulison	
County		Garfield	
State		Colorado	
Location:		API # : 05-045-24491	
Other Services			
SEC 17 TWP 7S RGE 93W		Elevation	
Permanent Datum		Ground Level	
Log Measured From		Kelly Bushing	
Drilling Measured From		Kelly Bushing	
Elevation		8869	
K.B. 8899 FT			
D.F. 8898 FT			
G.L. 8869 FT			
Date		14-DEC-2022	
Run Number		One	
Depth Driller		11326 FT	
Depth Logger		11210 FT	
Bottom Logged Interval		11210FT	
Top Log Interval		Surface	
Open Hole Size		8.75"	
Type Fluid		Water	
Density / Viscosity		8.34 Lb/Gal	
Max. Recorded Temp.		235°F	
Estimated Cement Top		5700 FT	
Time Well Ready		ROA	
Time Logger on Bottom		9:15	
Equipment Number		8047	
Location		Grand Junction	
Recorded By		P. Edwards	
Witnessed By		C. Borgstede	
Run Number		Borehole Record	
Bit		From	
To		Size	
Weight		From	
To		Tubing Record	
Size		Wgt/Ft	
Top		Bottom	
Surface String		9-5/8"	
Prot. String		36	
Production String		4-1-2"	
Liner		11.6	
Surface		11316 FT	
1135 FT			

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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)

Database File tep\_fed wmc 332-20\_temp\_12-14-2022.db  
Dataset Pathname main.1  
Presentation Format ros\_temp\_ql\_tep  
Dataset Creation Wed Dec 14 09:21:59 2022  
Charted by Depth in Feet scaled 1:10000

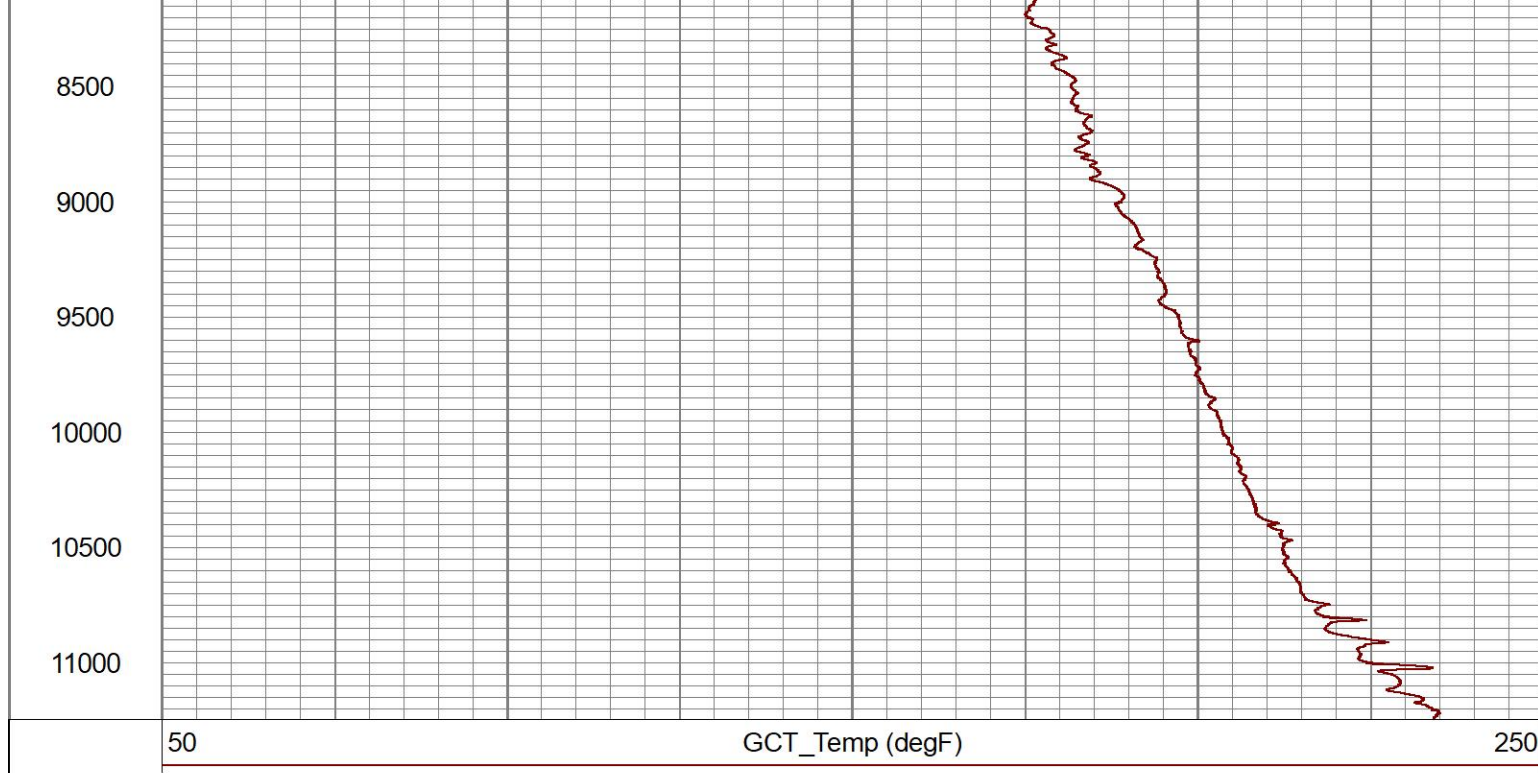
50

GCT\_Temp (degF)

250

0  
500  
1000  
1500  
2000  
2500  
3000  
3500  
4000  
4500  
5000  
5500  
6000  
6500  
7000  
7500  
8000

Estimated Top of Cement →

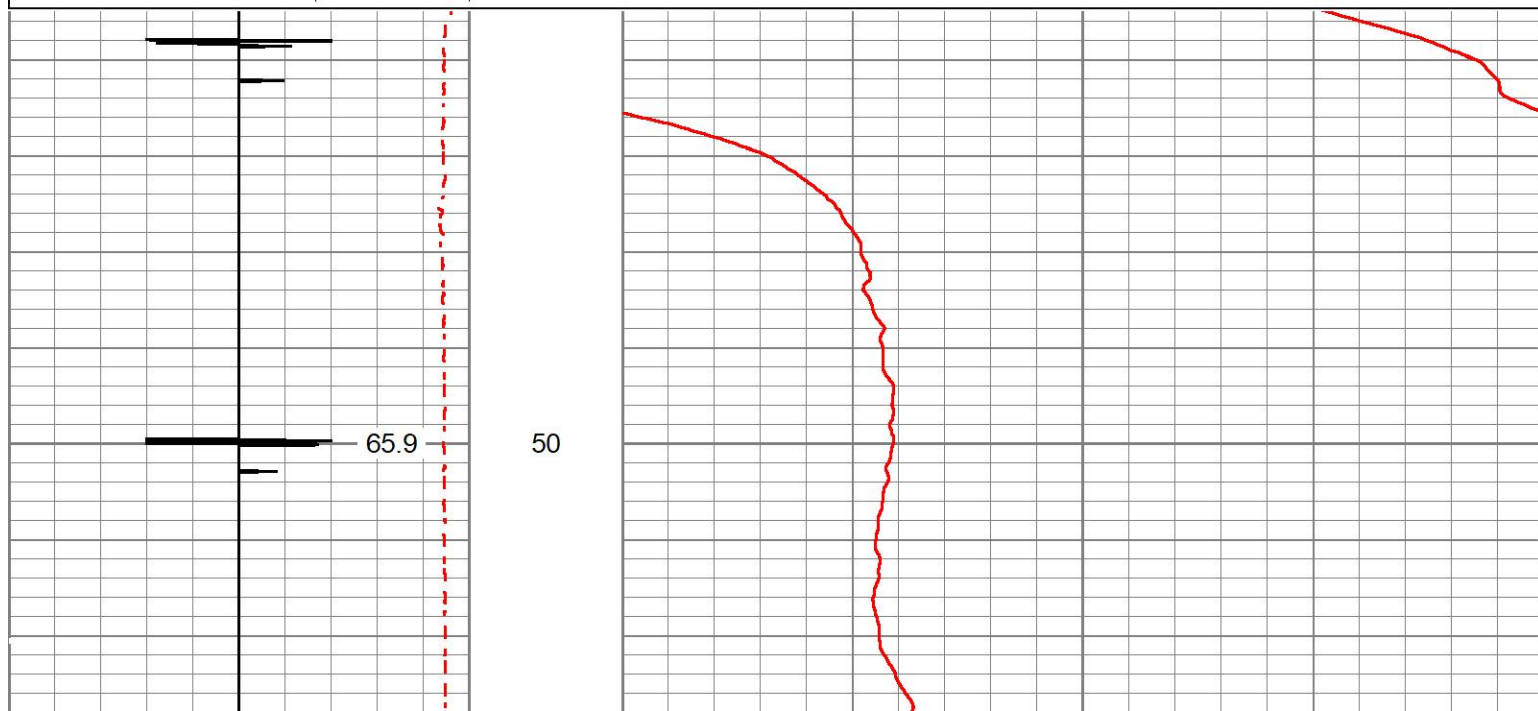


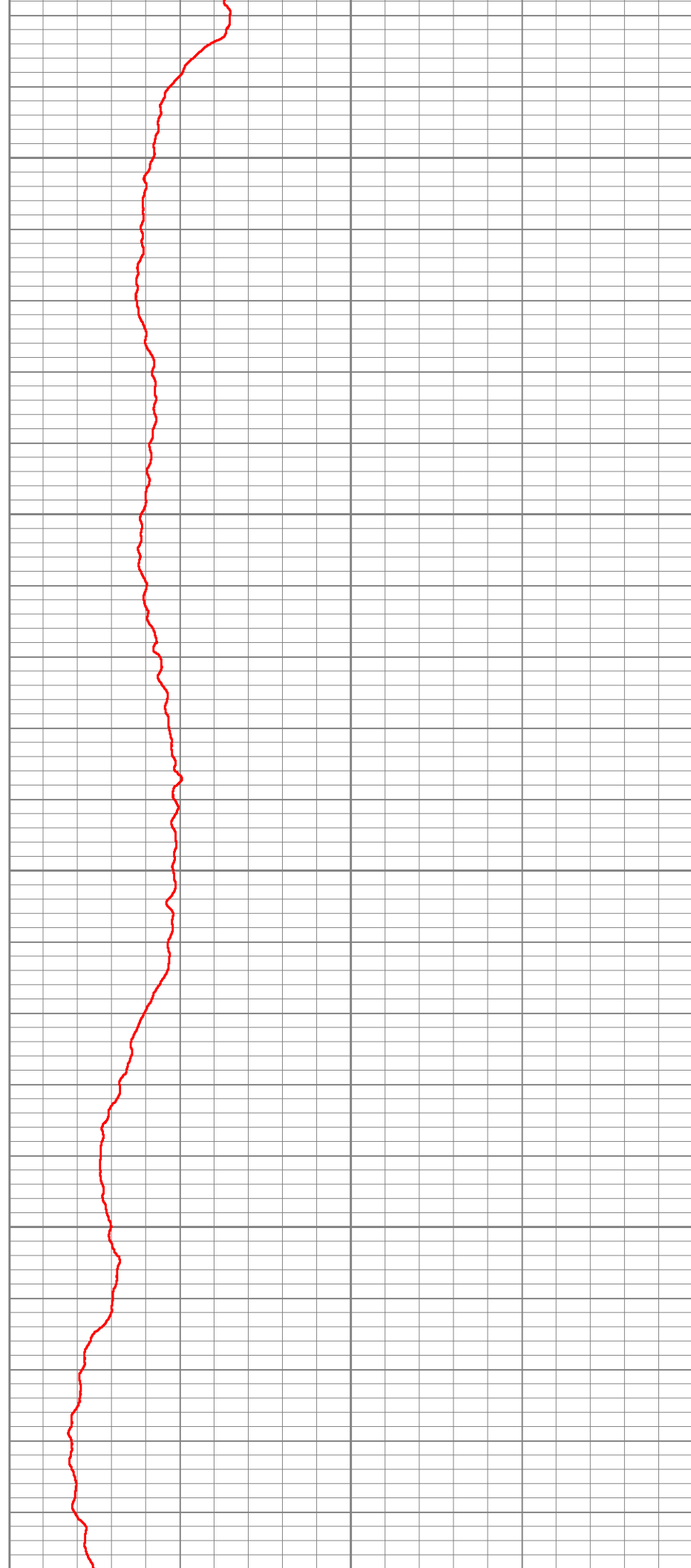
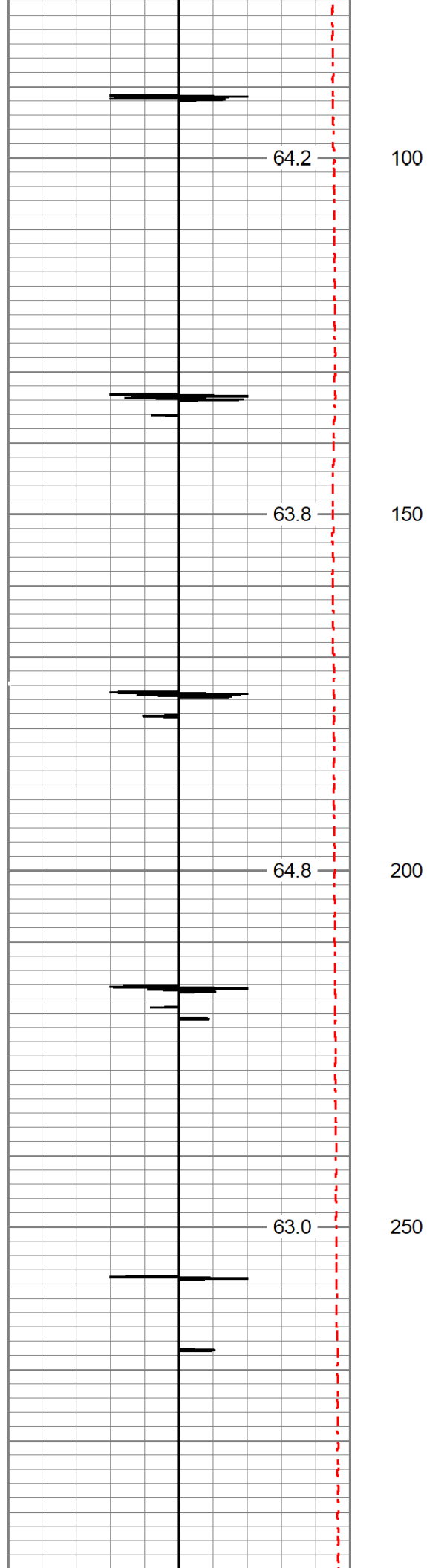


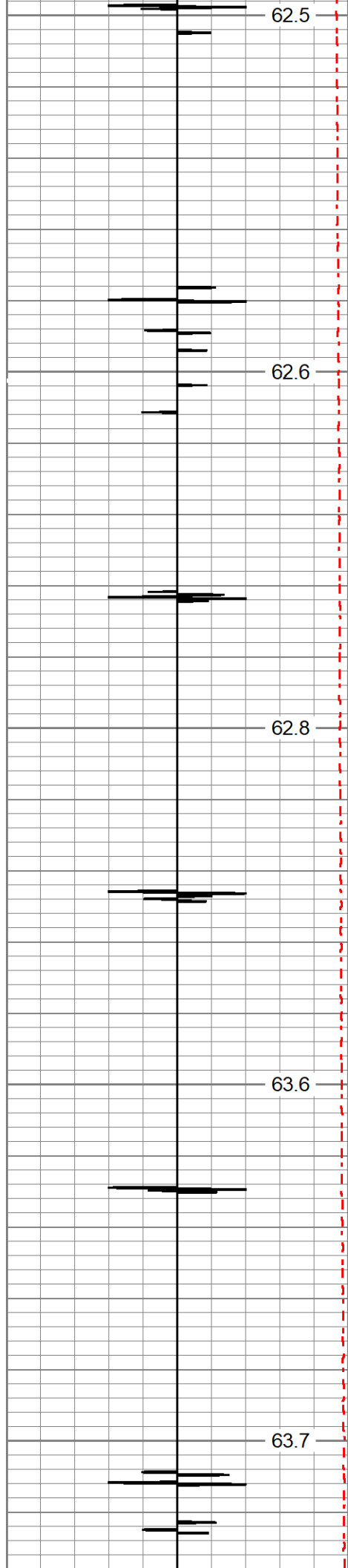
# Main Pass

Database File	tep_fed wmc 332-20_temp_12-14-2022.db
Dataset Pathname	main
Presentation Format	gct_tmp
Dataset Creation	Wed Dec 14 08:27:46 2022
Charted by	Depth in Feet scaled 1:240

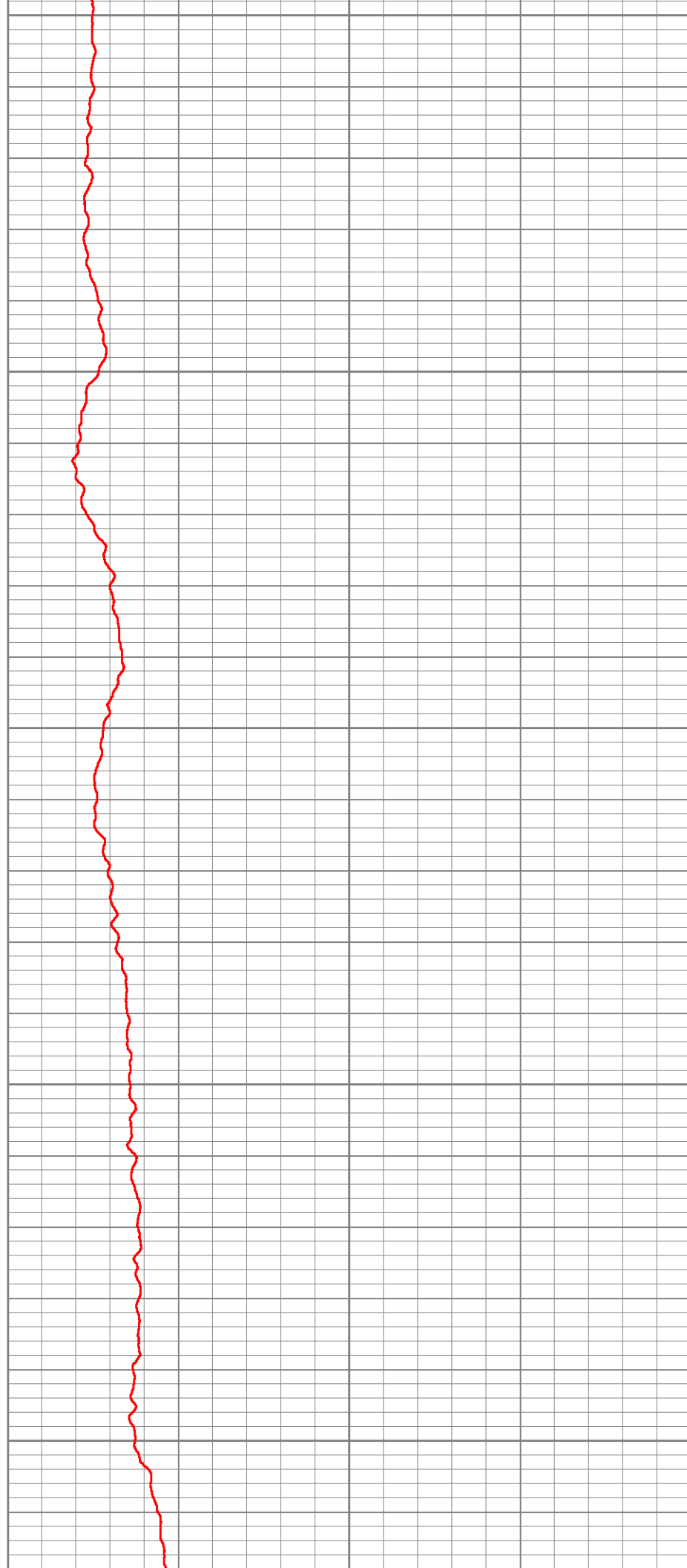
5	CCL\$1	-5	100	GCT_Temp (degF)	120
0	LTEN (lb)	1500			
				GCT_Temp (degF)	

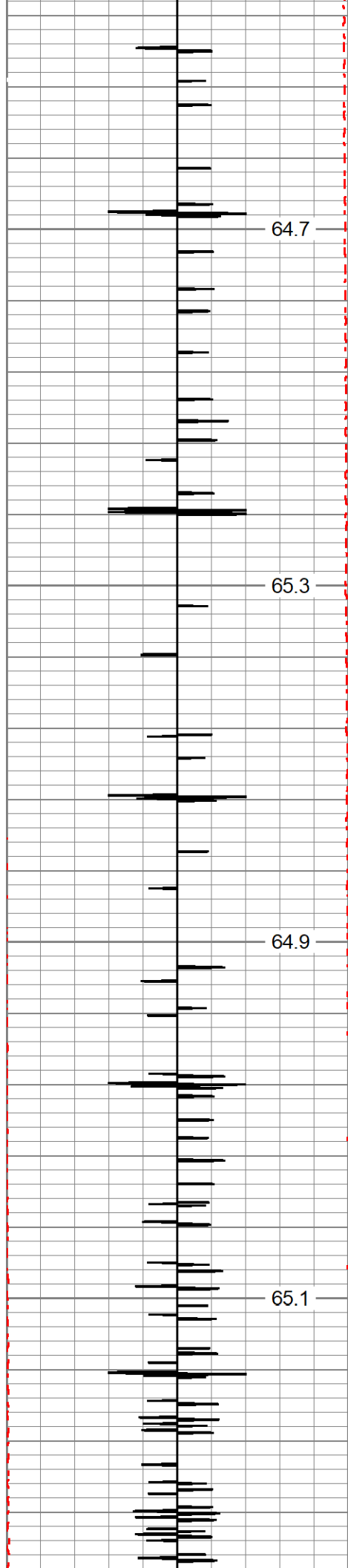






300  
350  
400  
450  
500





64.7

550

65.3

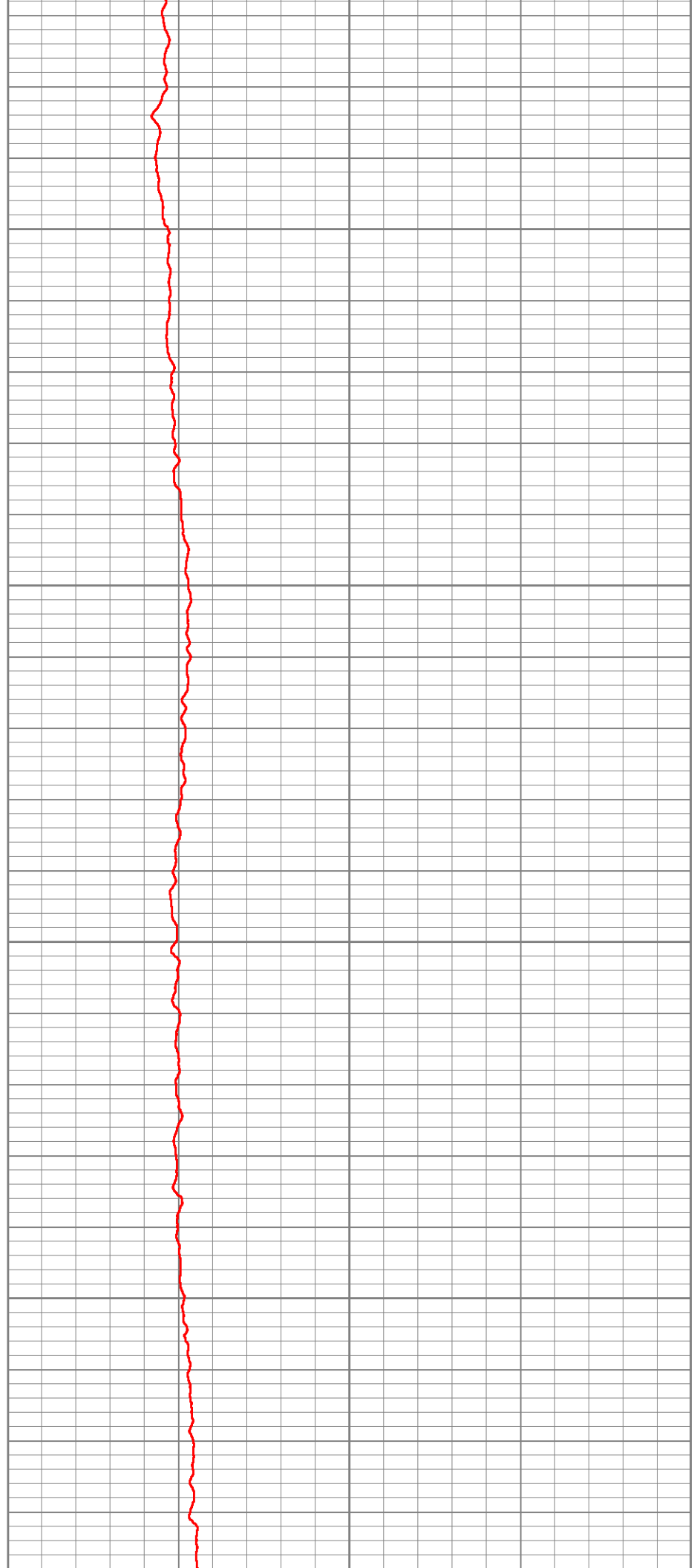
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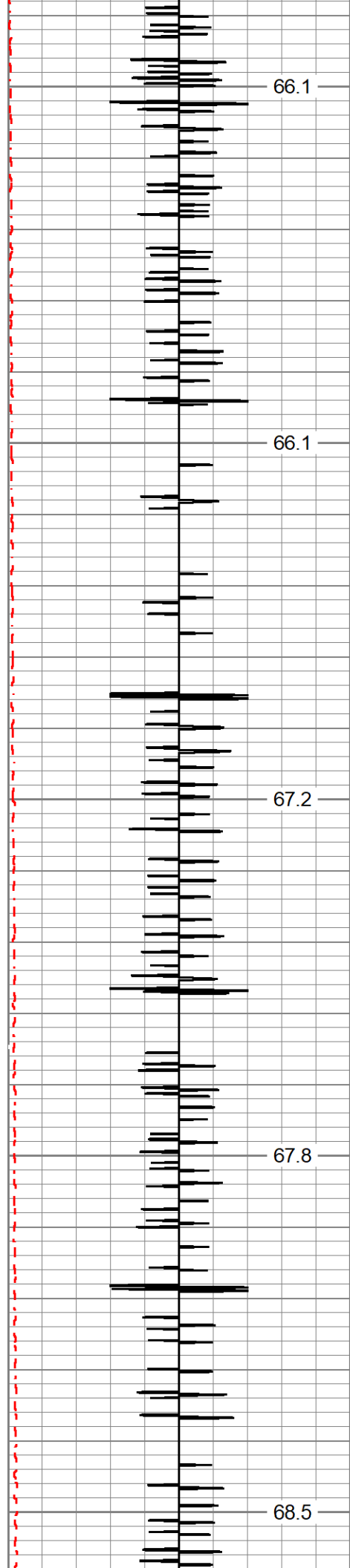
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650

65.1

700





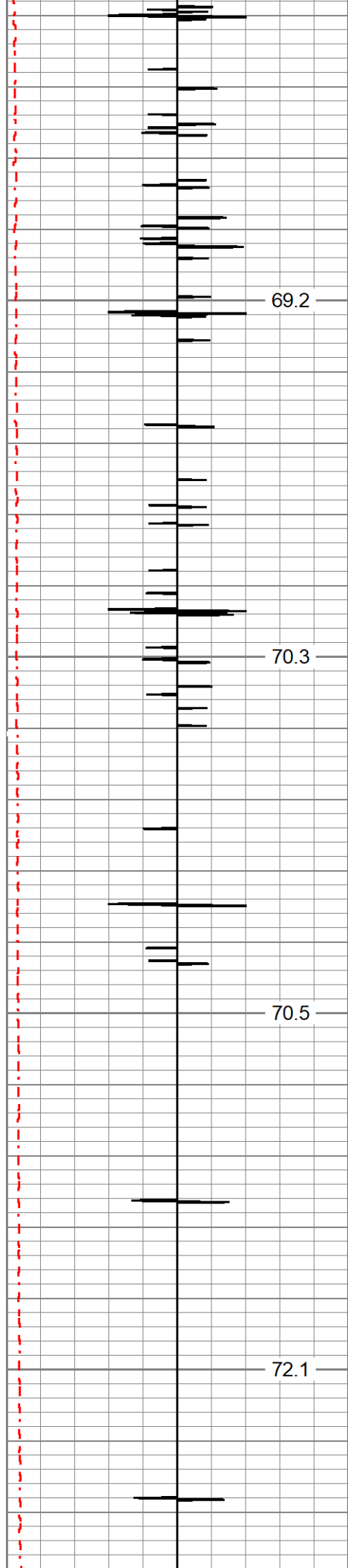
750

800

850

900

950

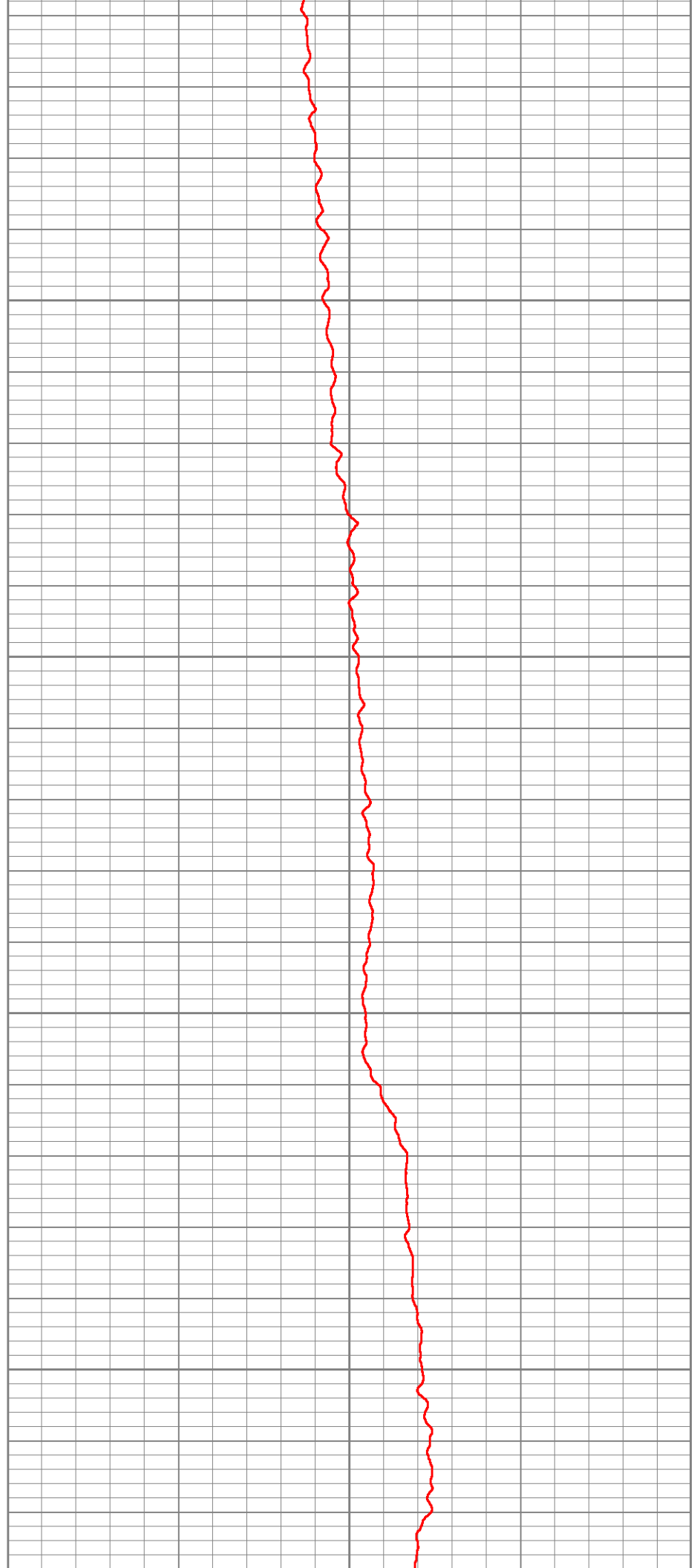


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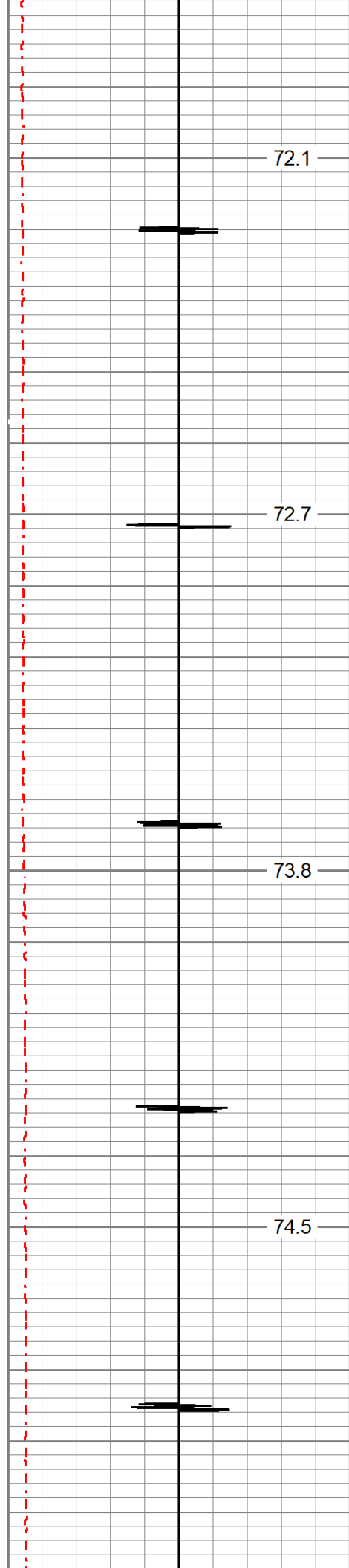
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1100

1150





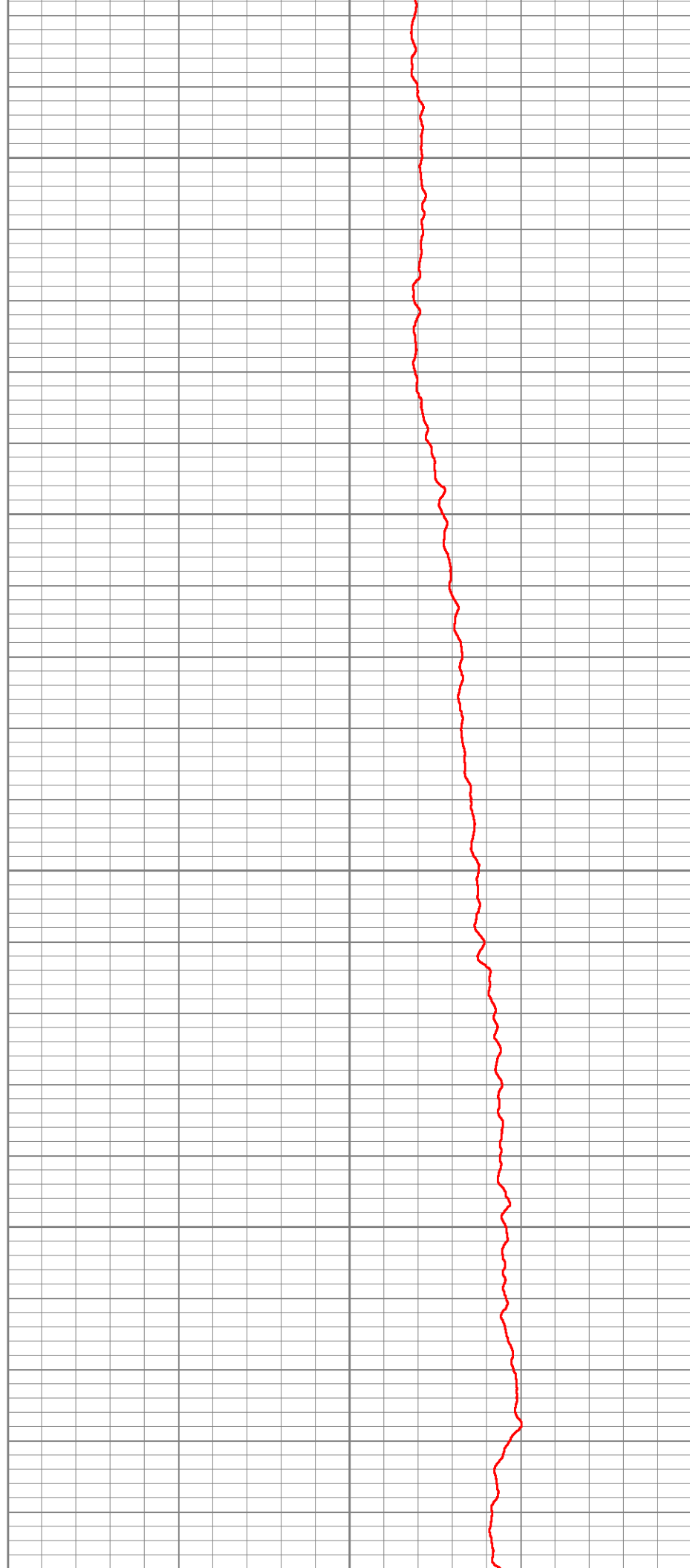


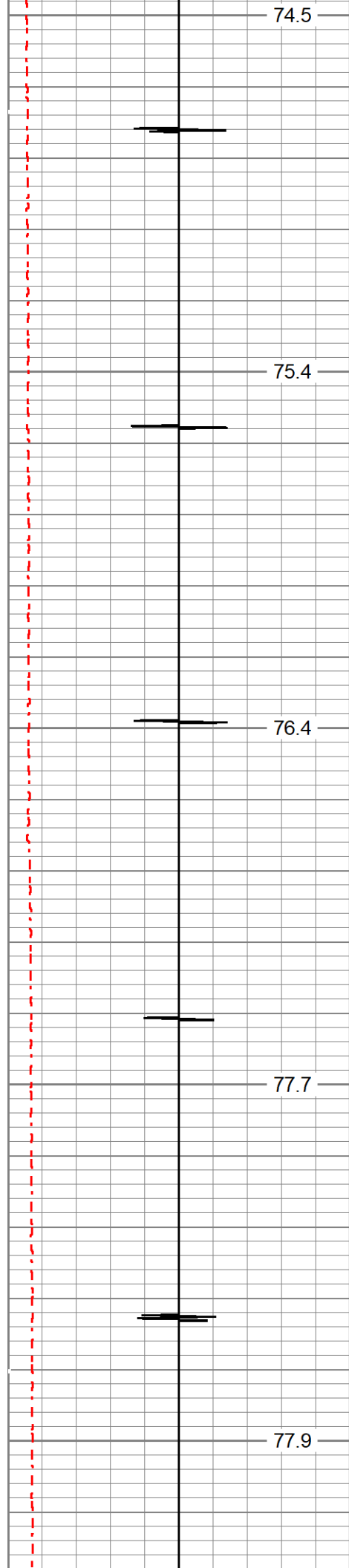
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1250

1300

1350





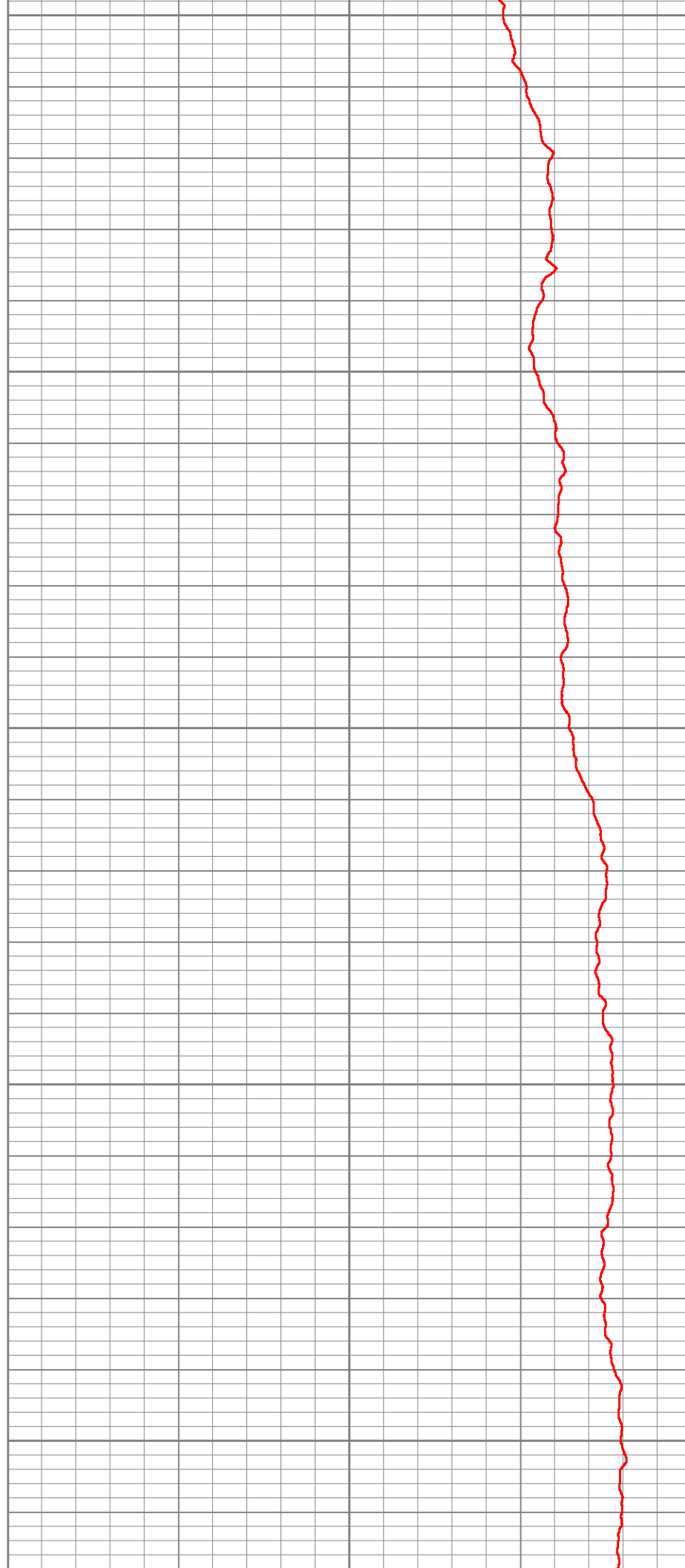
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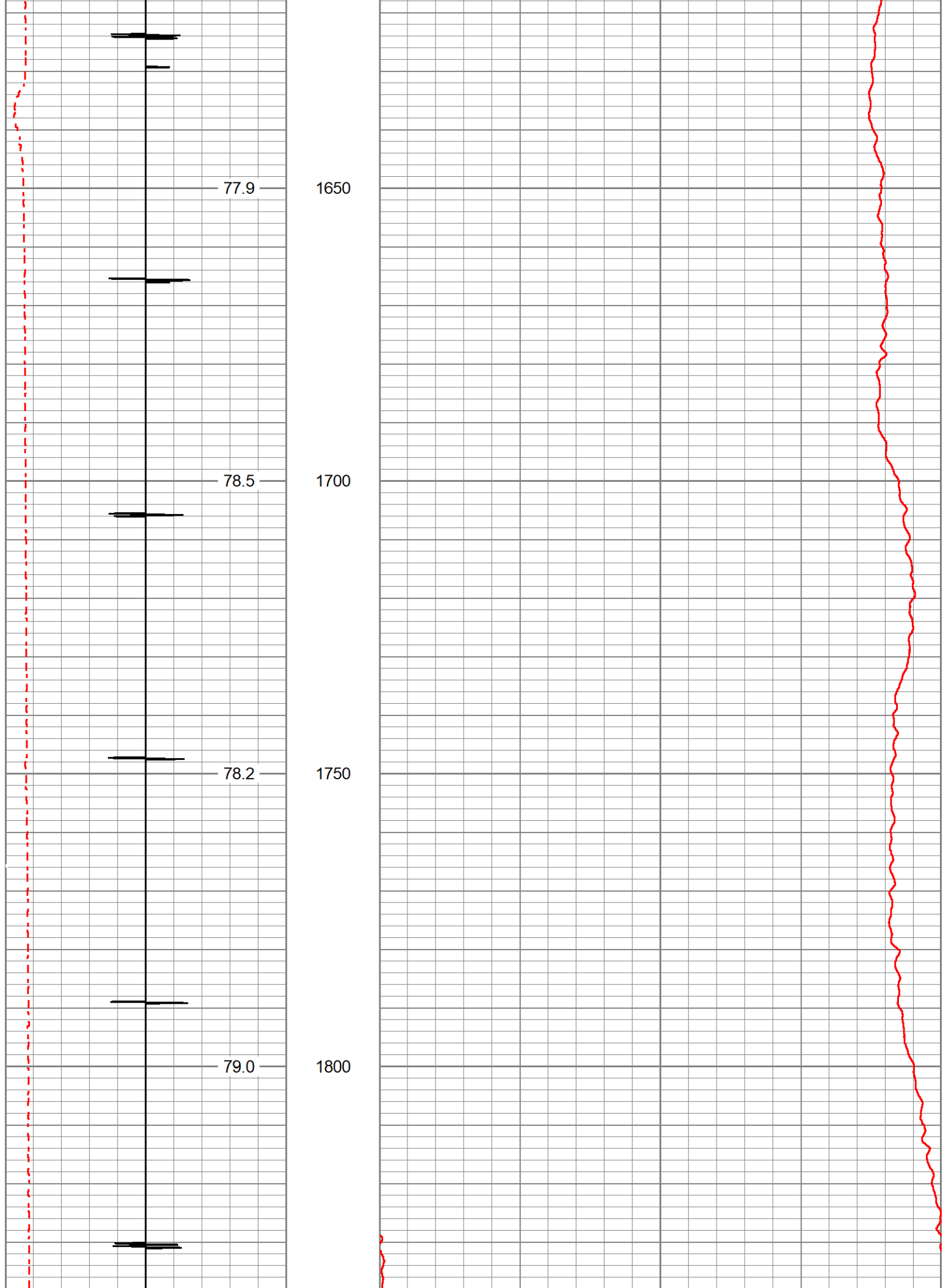
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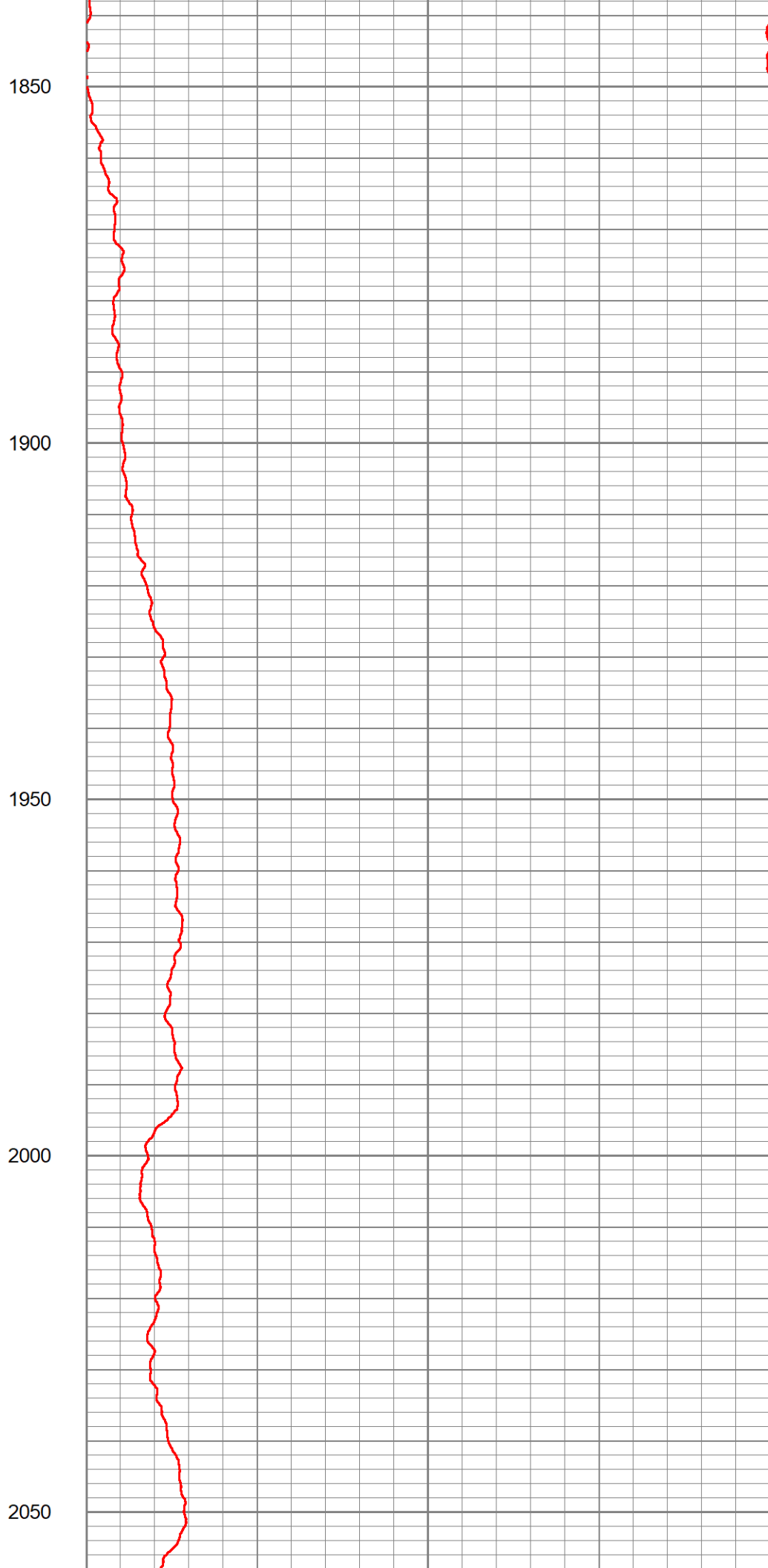
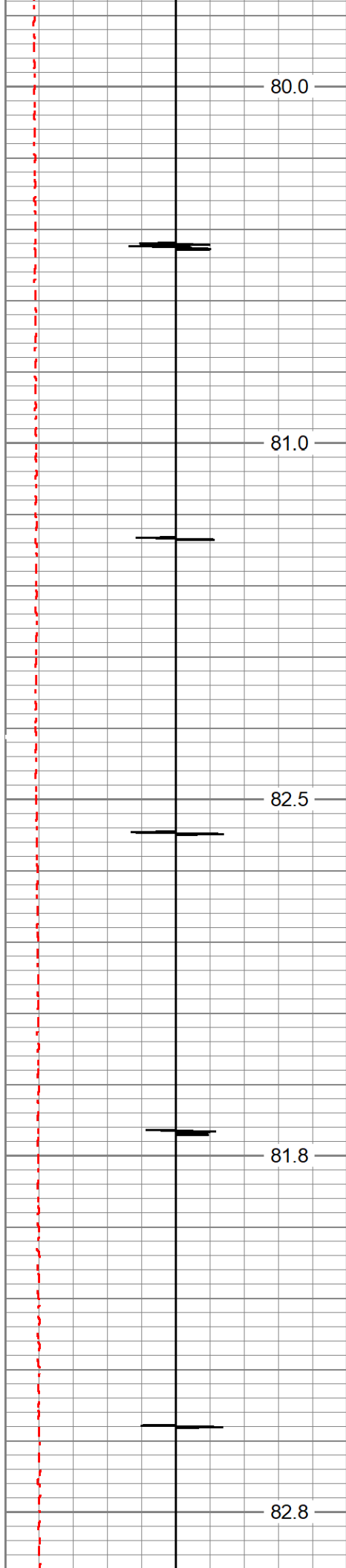
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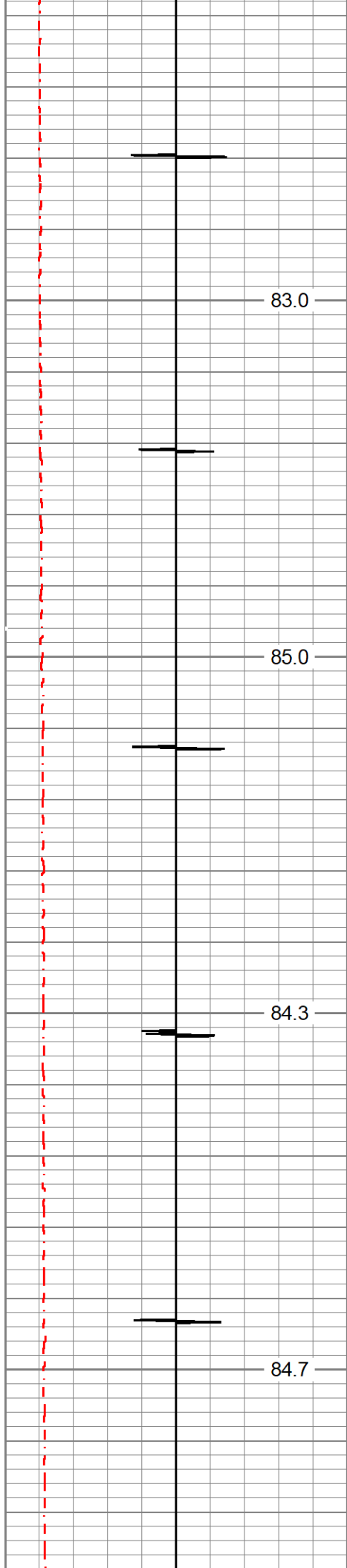
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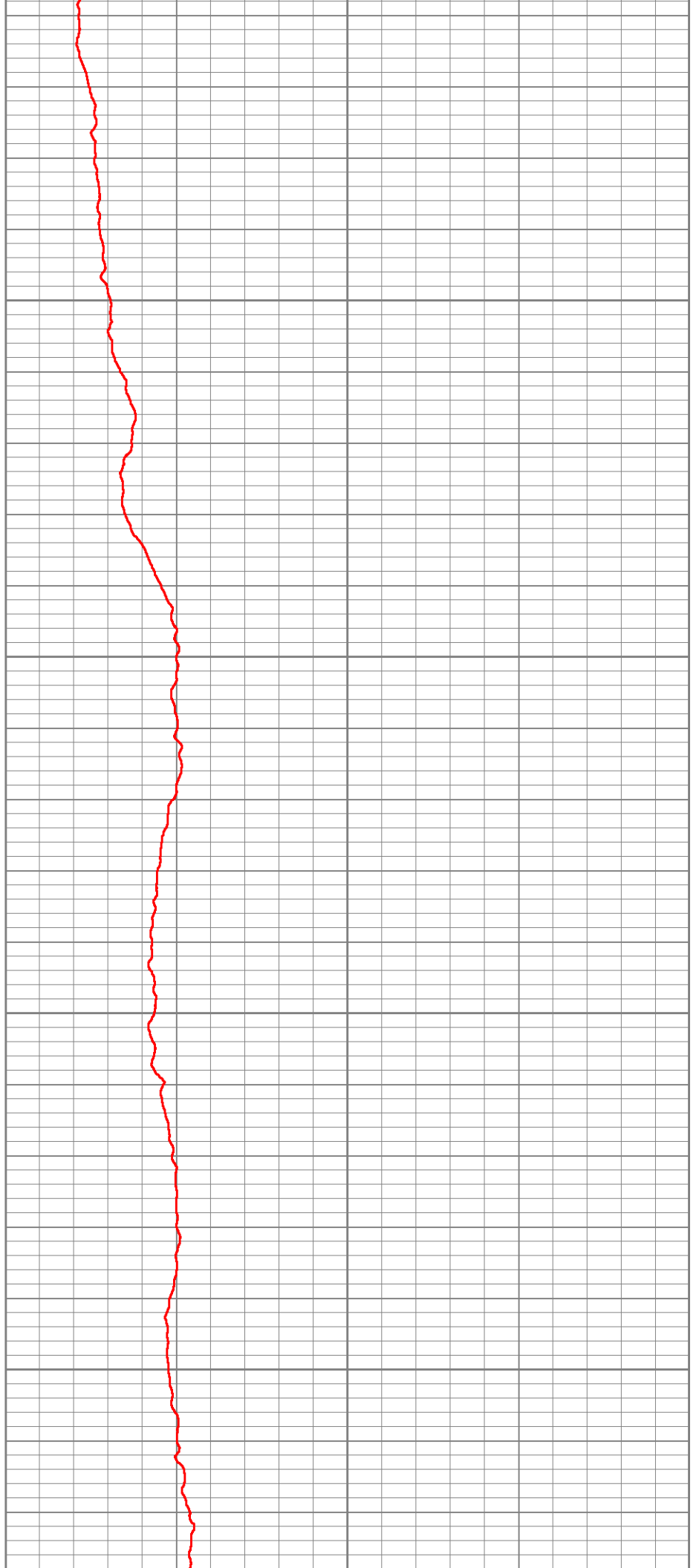


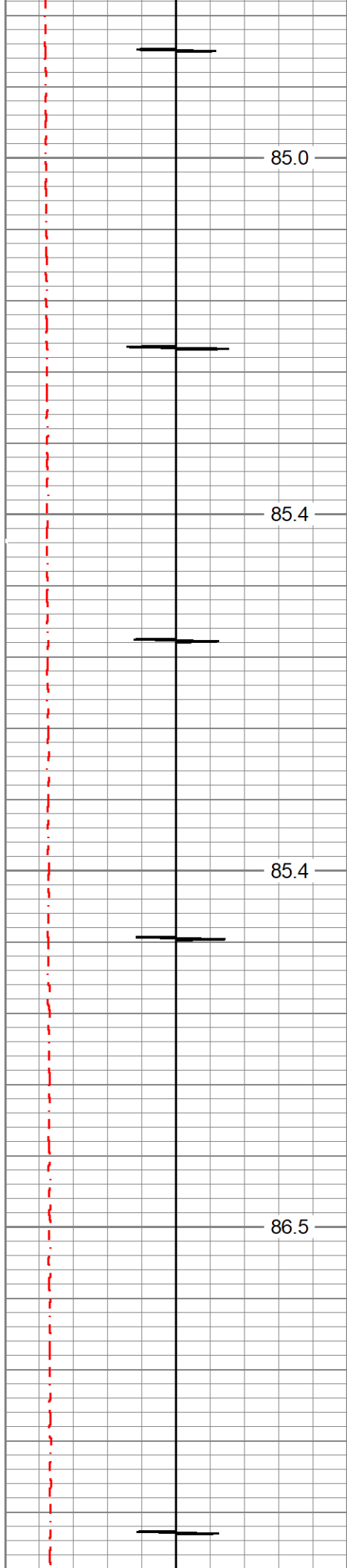
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2150

2200

2250





85.0

2300

85.4

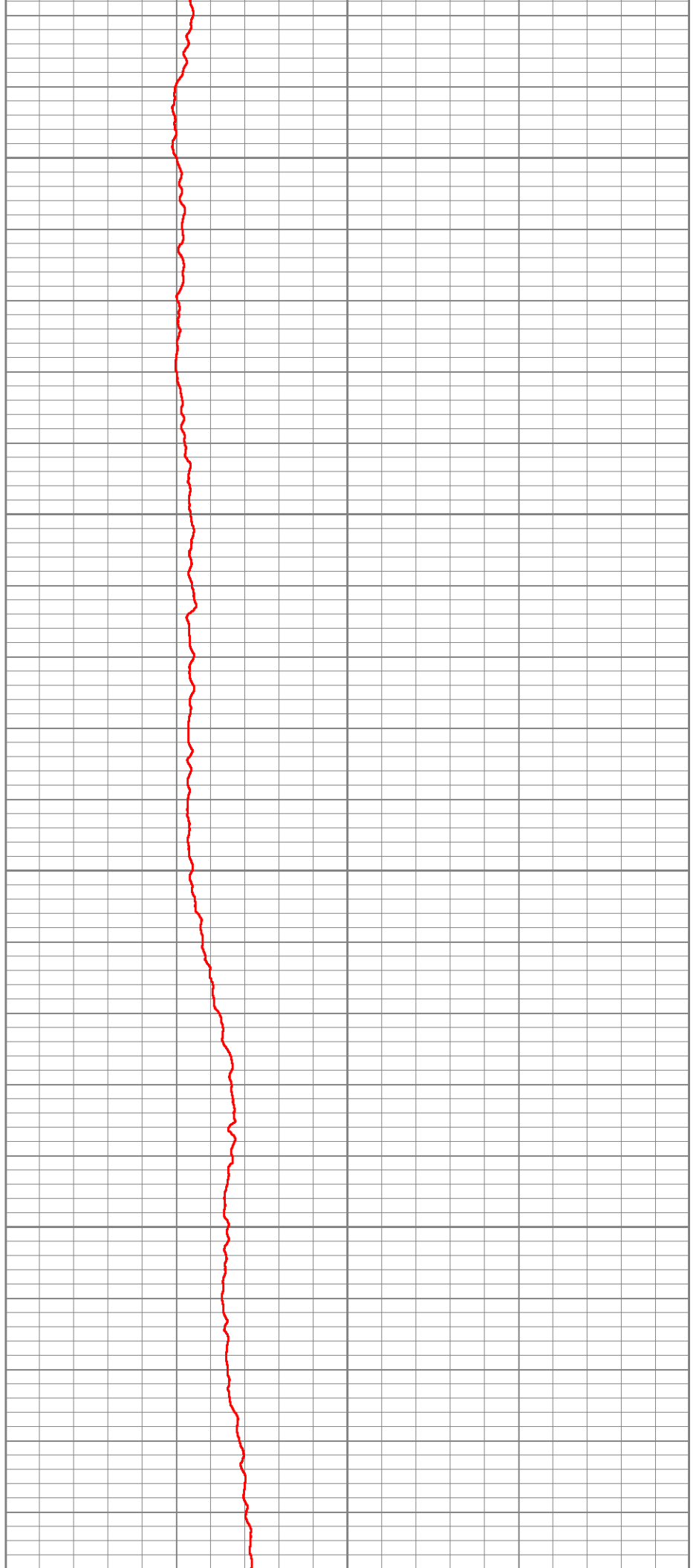
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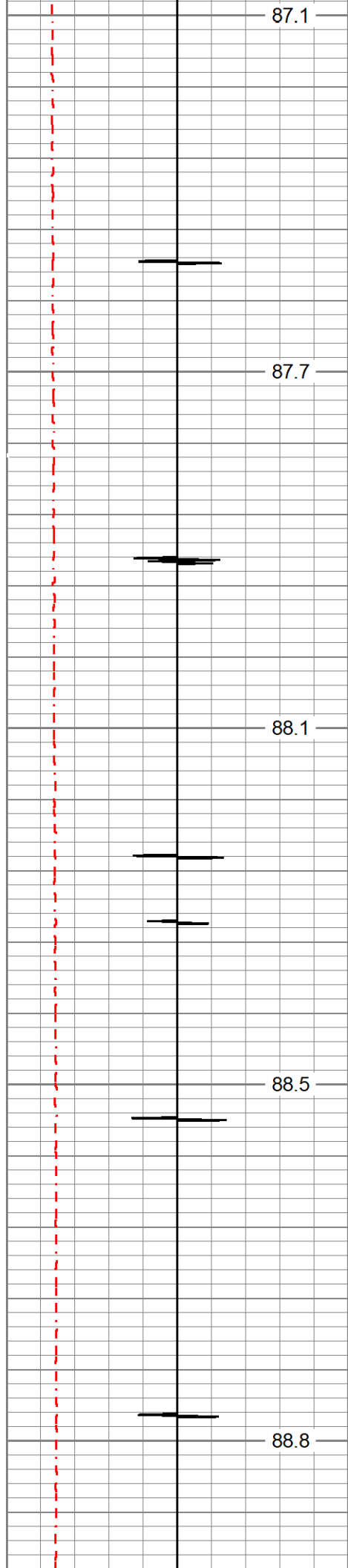
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2400

86.5

2450





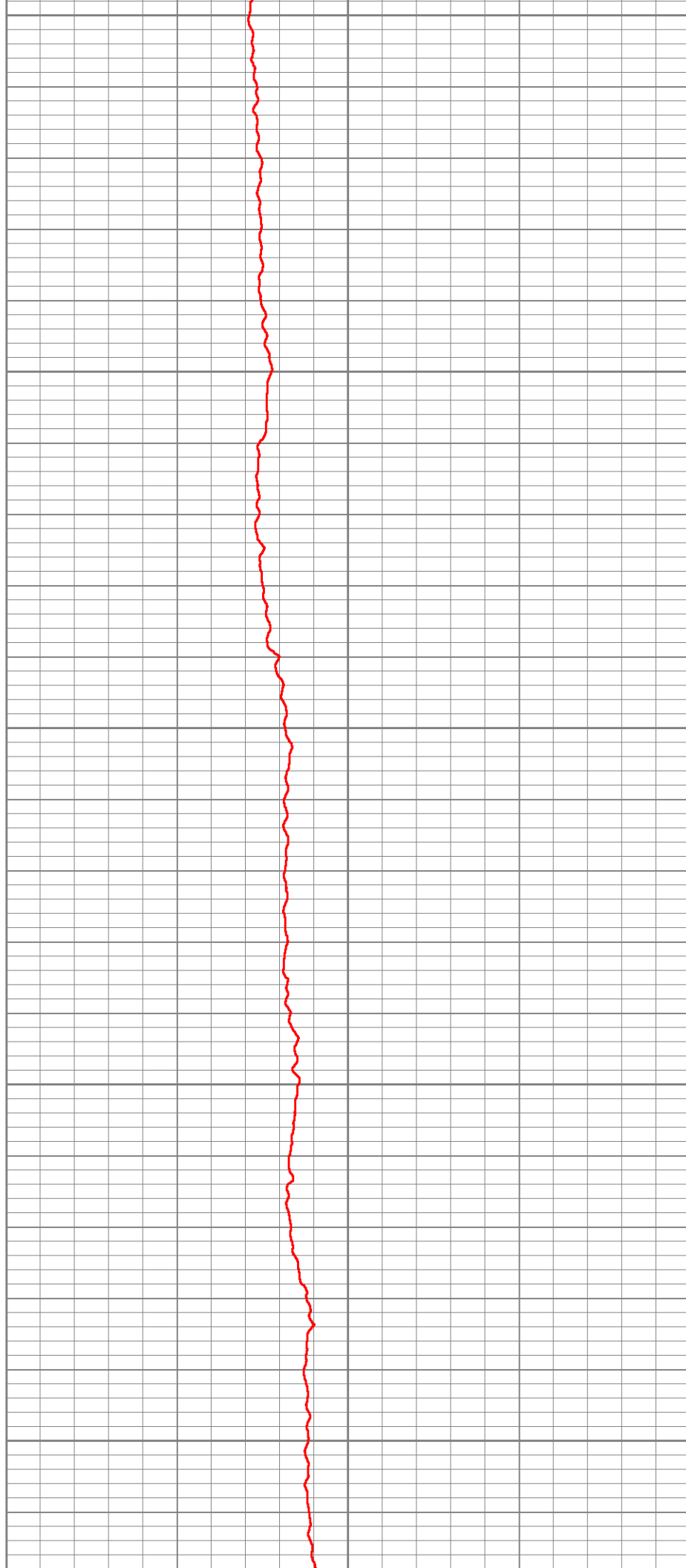
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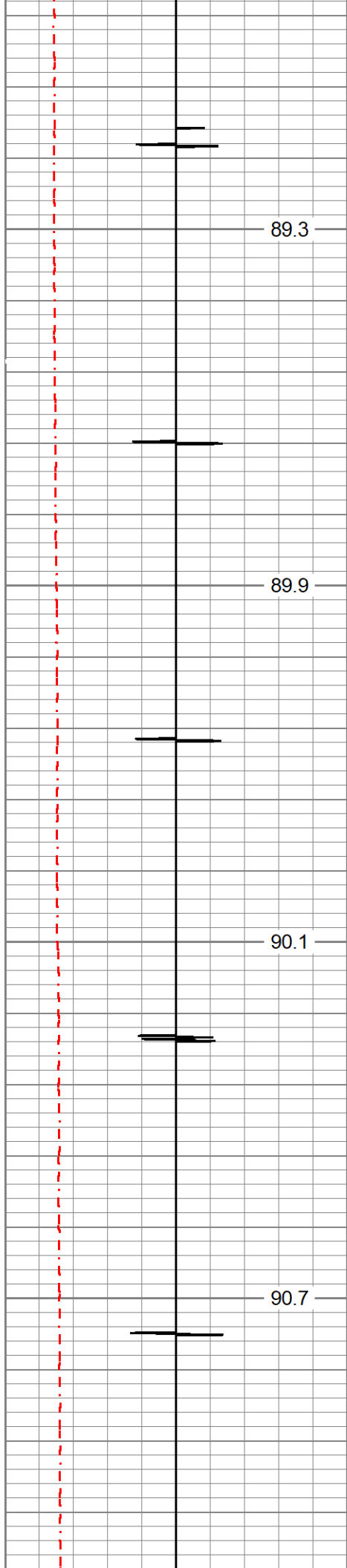
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2600

2650

2700





89.3

2750

89.9

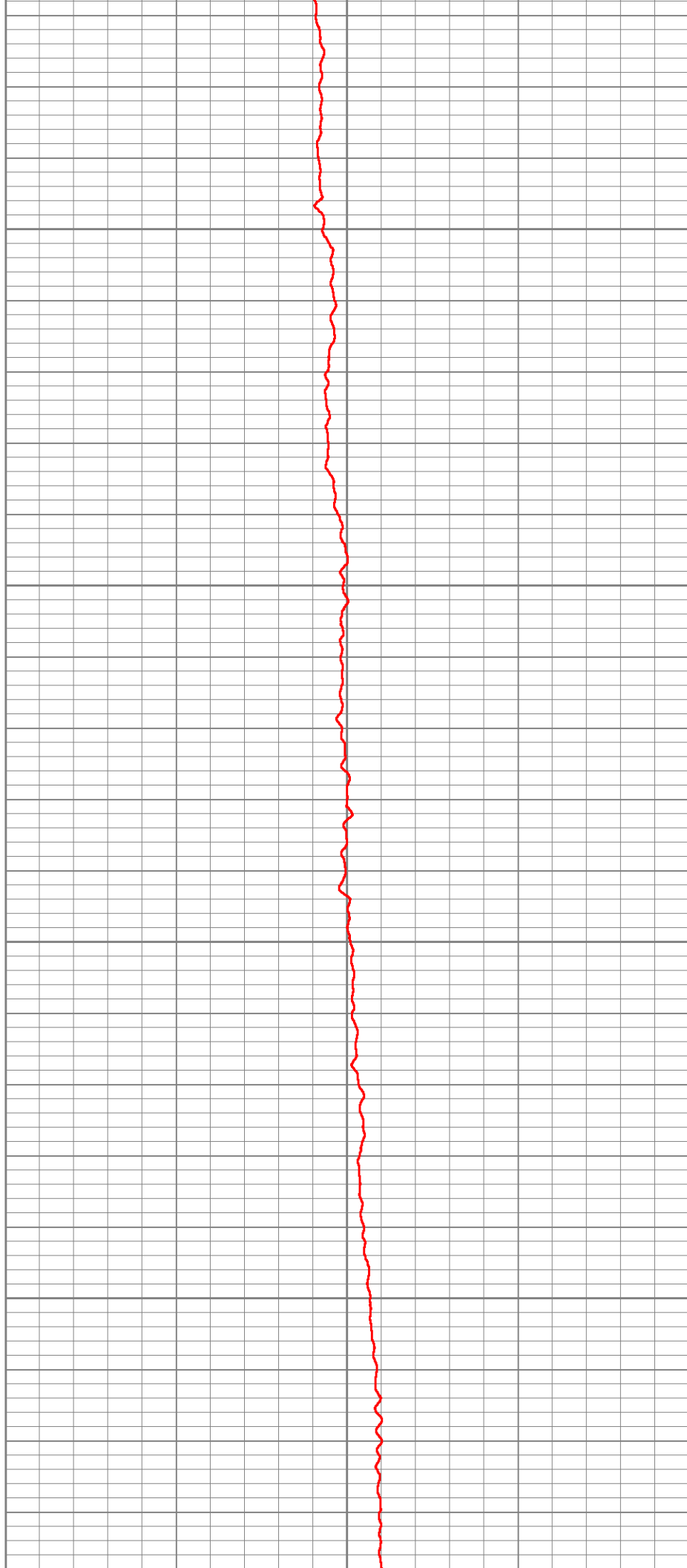
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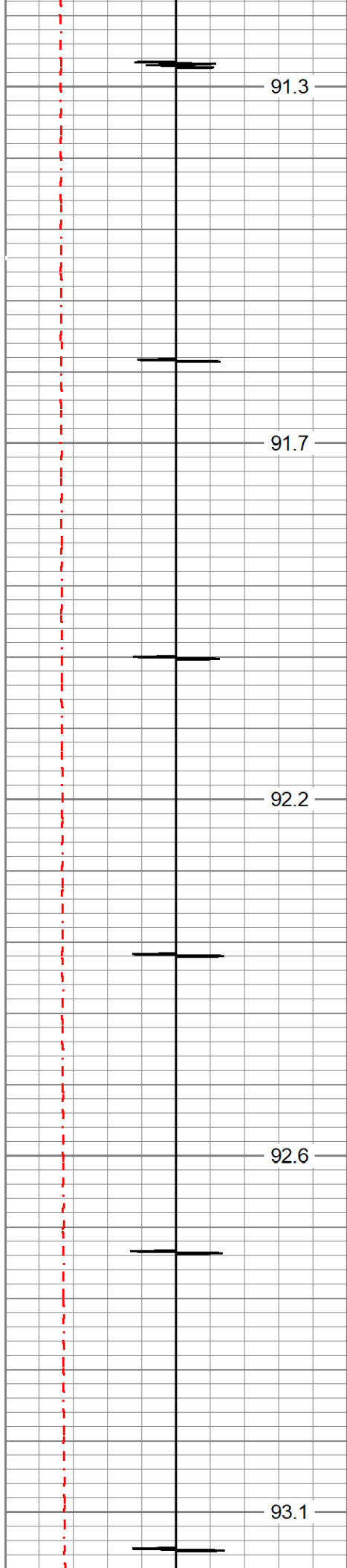
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90.7

2900







91.3

2950

91.7

3000

92.2

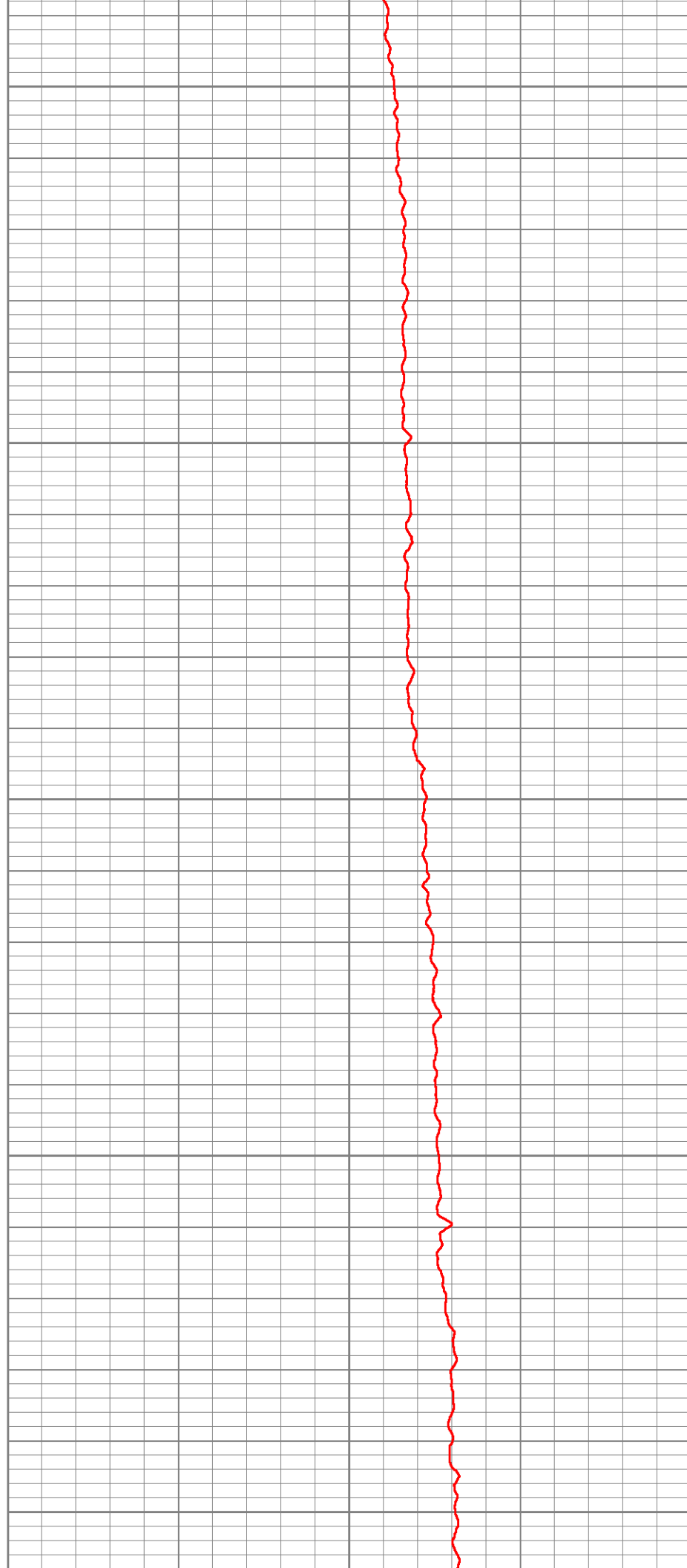
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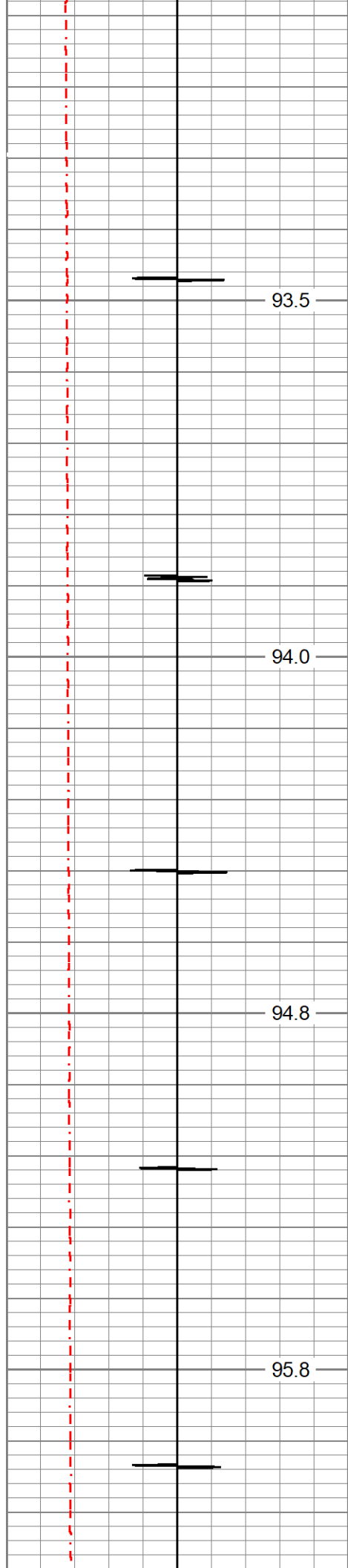
92.6

3100

93.1

3150





93.5

94.0

94.8

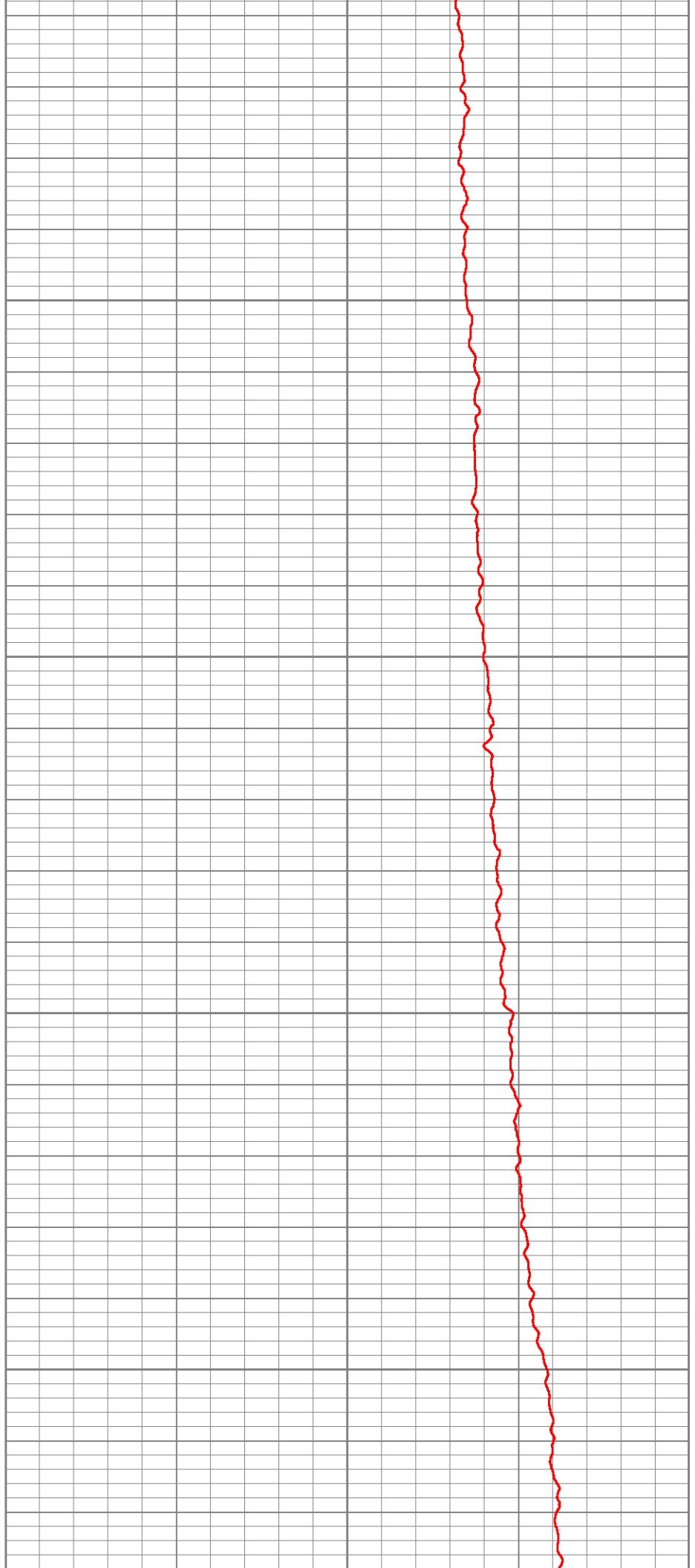
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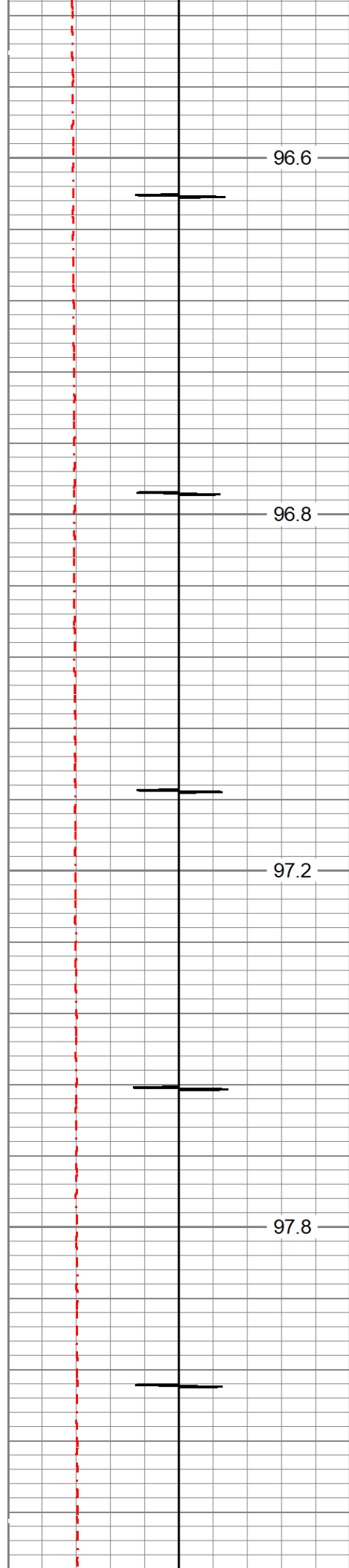
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3300

3350





96.6

96.8

97.2

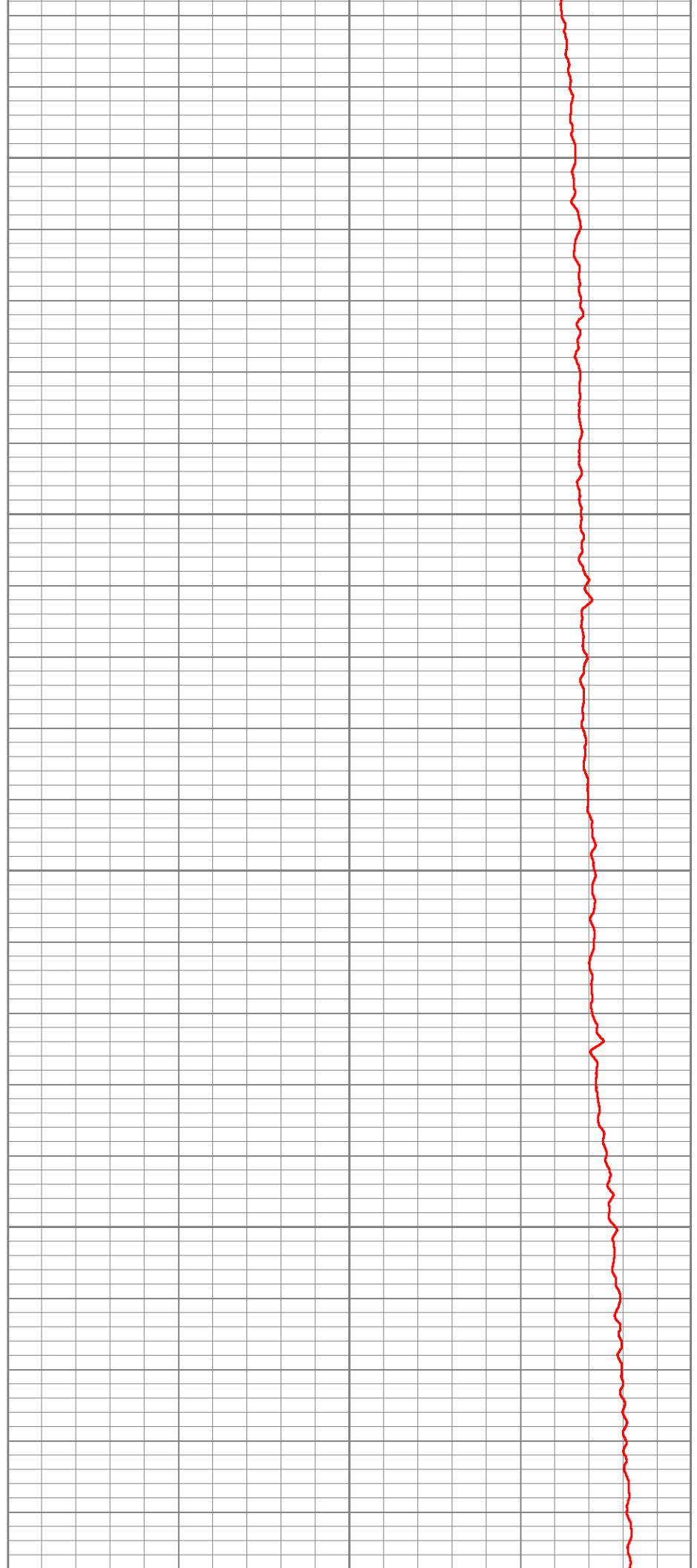
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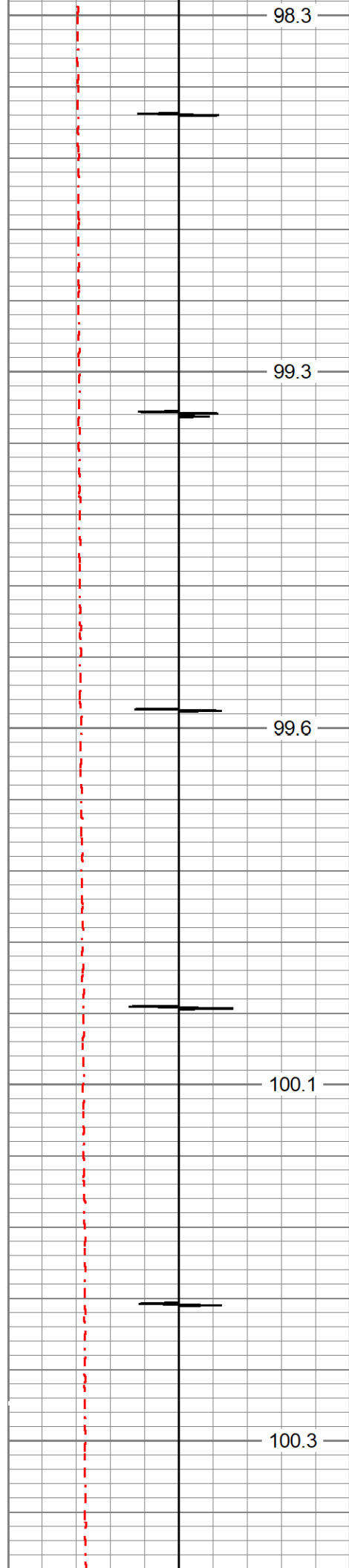
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3500

3550





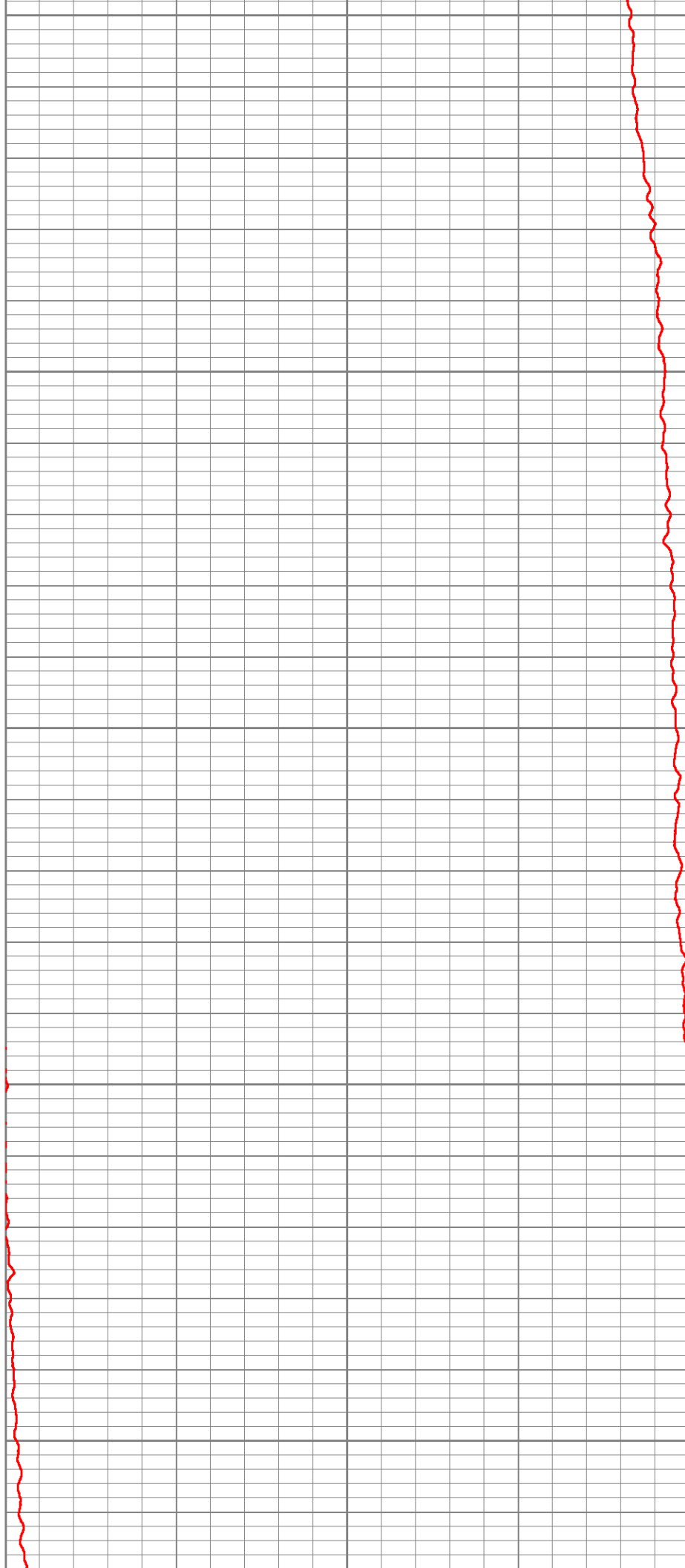
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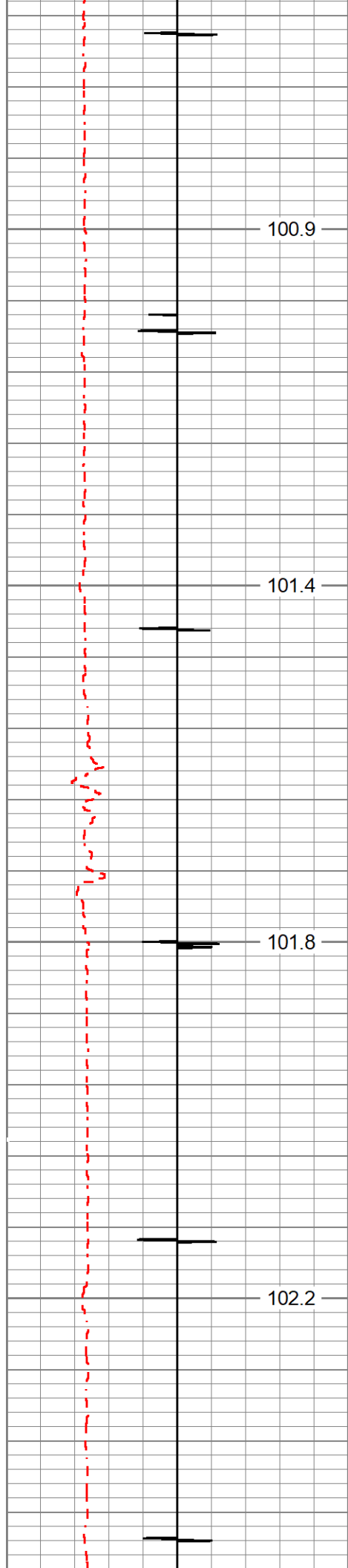
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3800



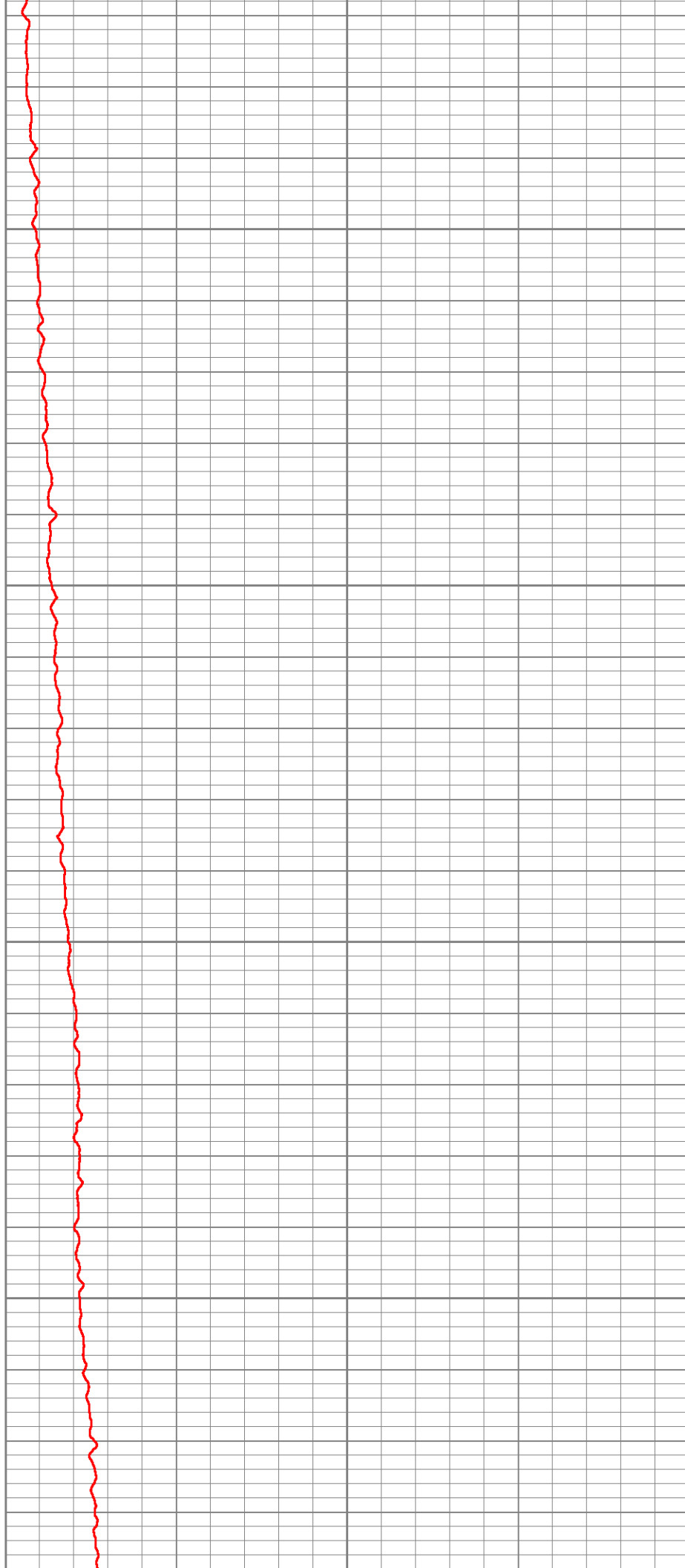


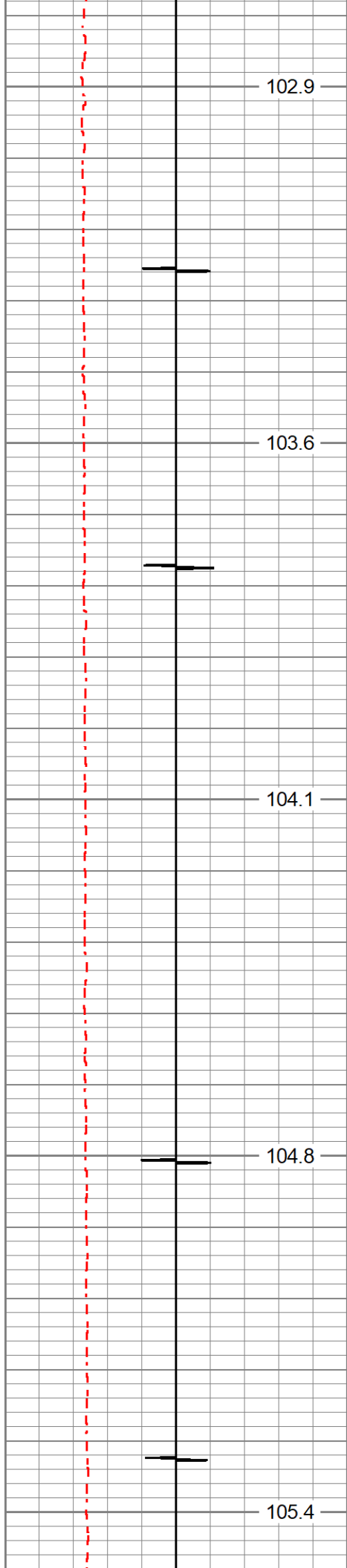
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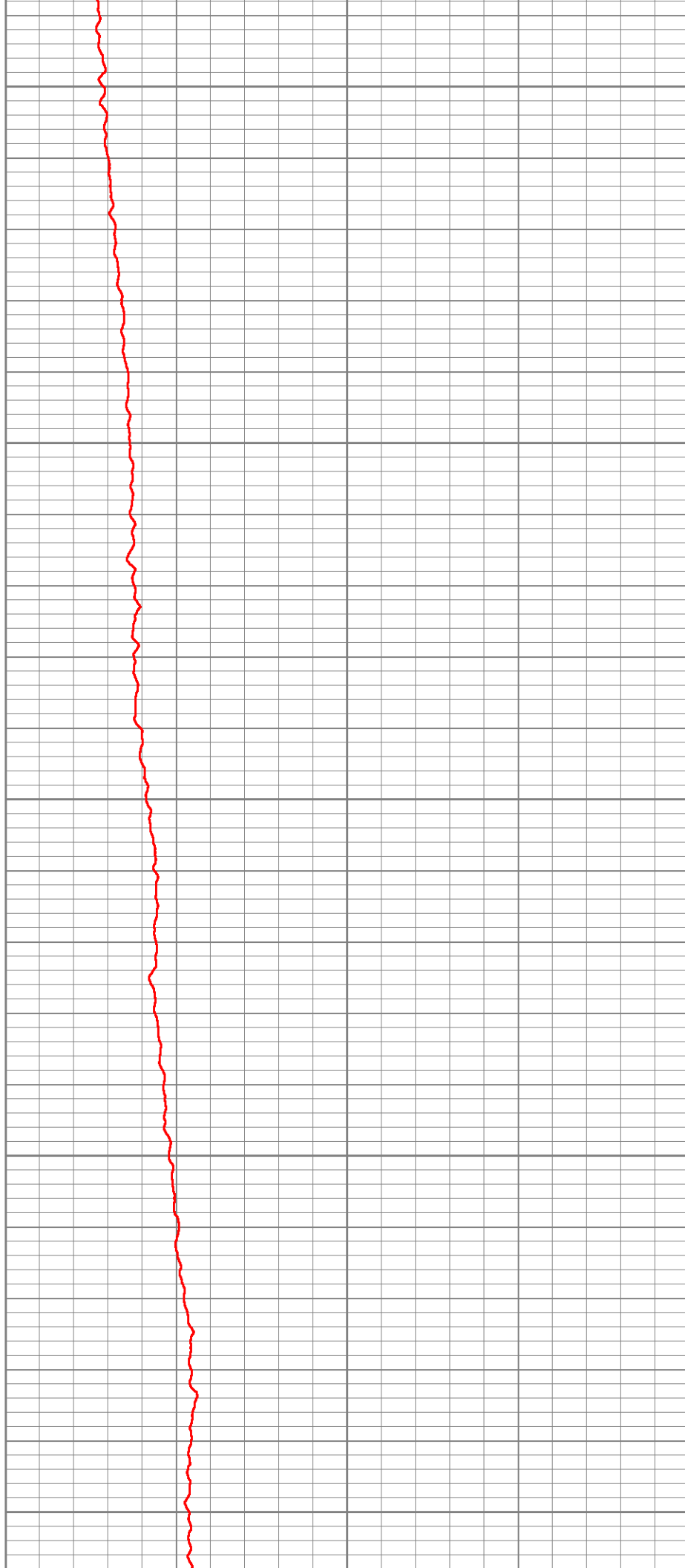
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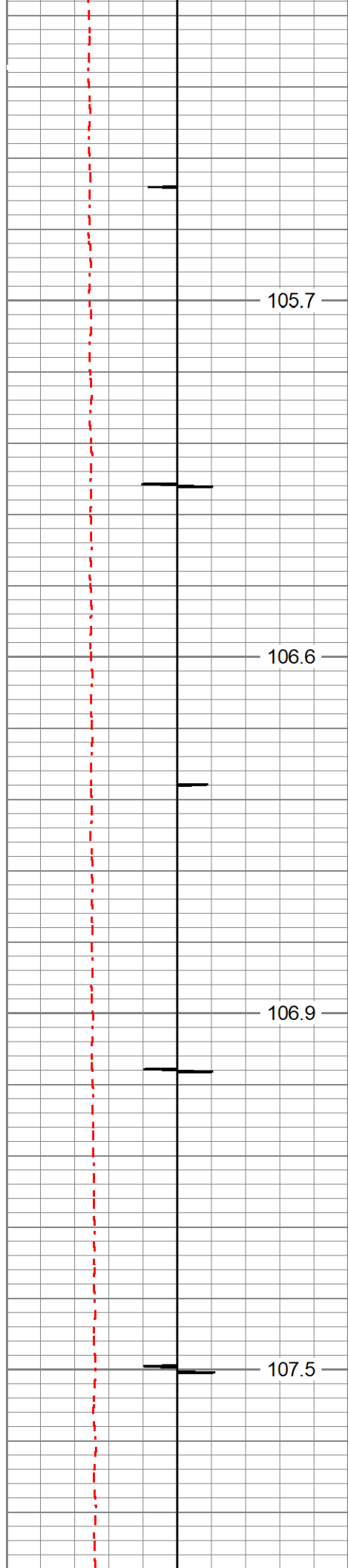
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4150

4200

4250





105.7

106.6

106.9

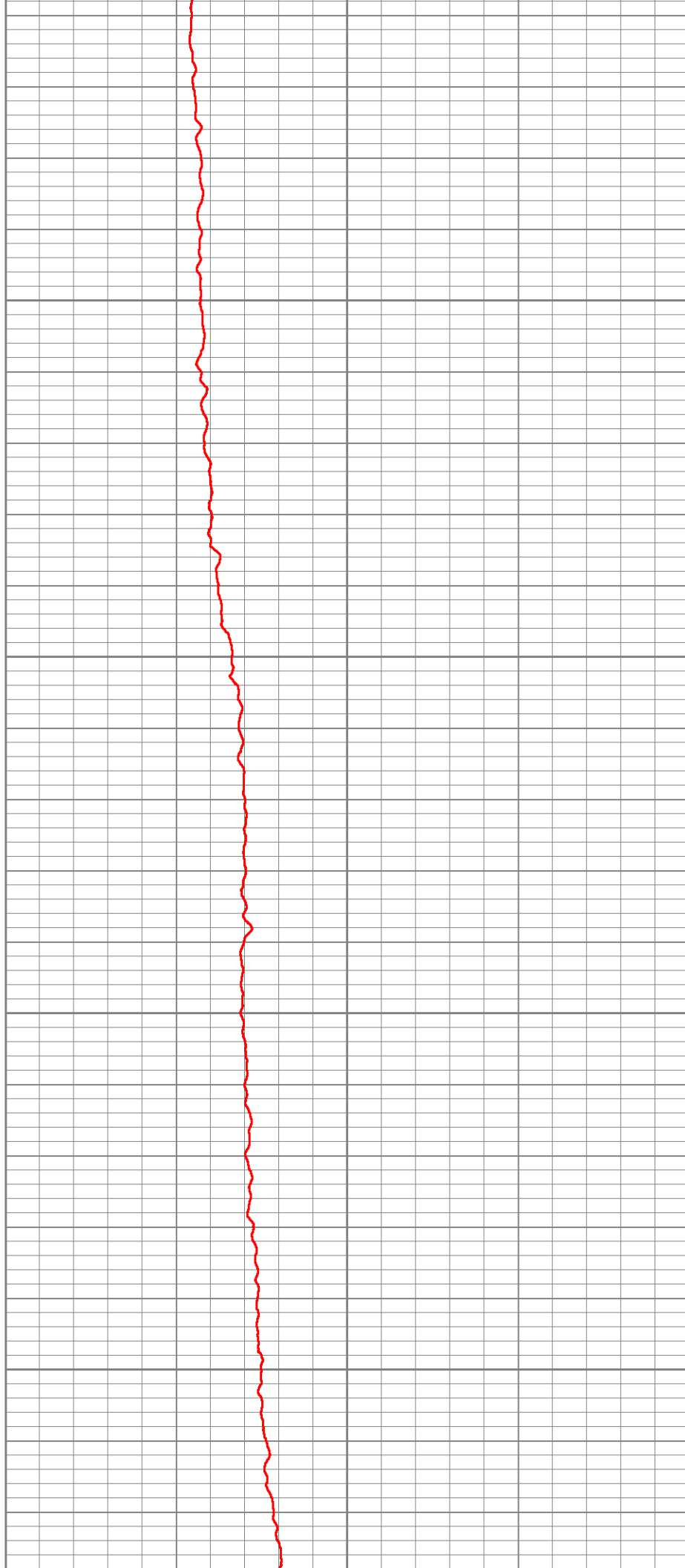
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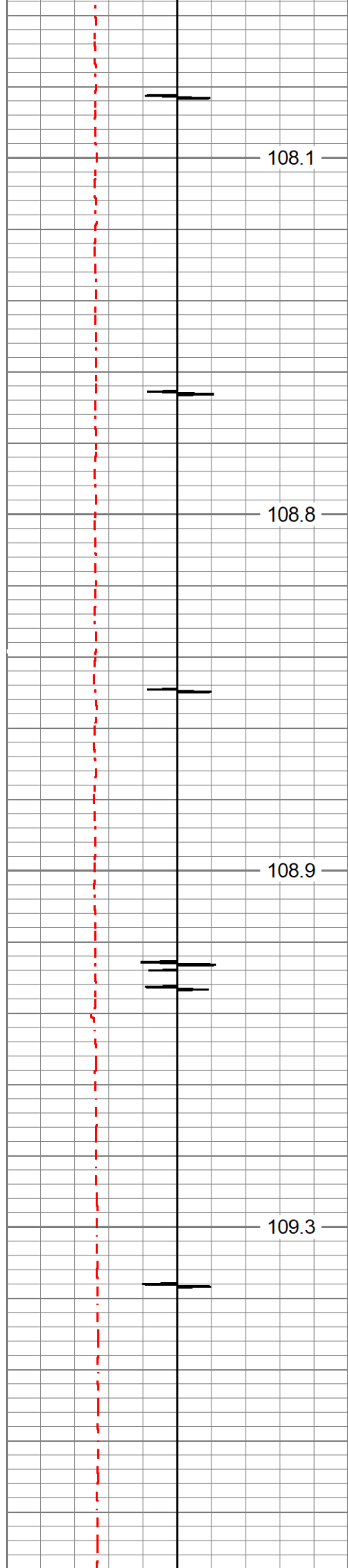
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4400

4450



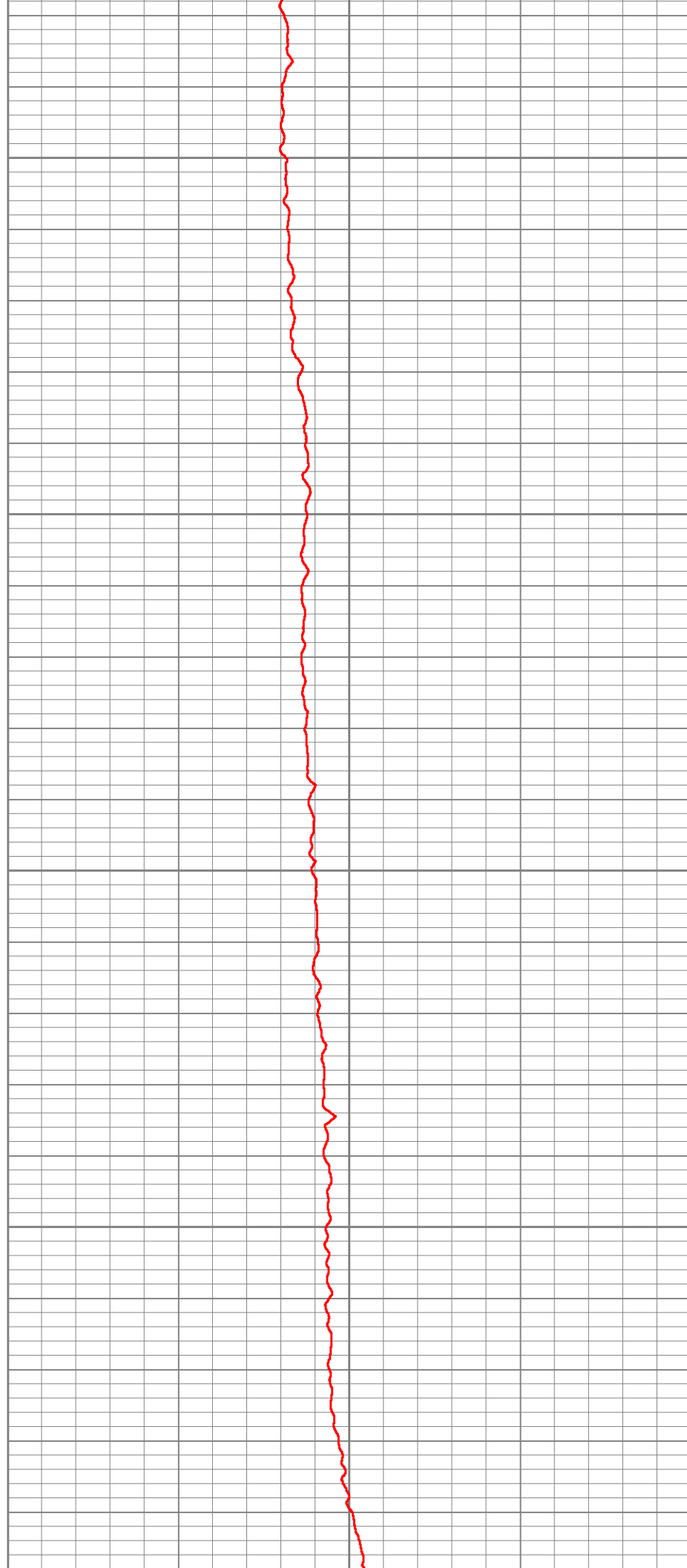


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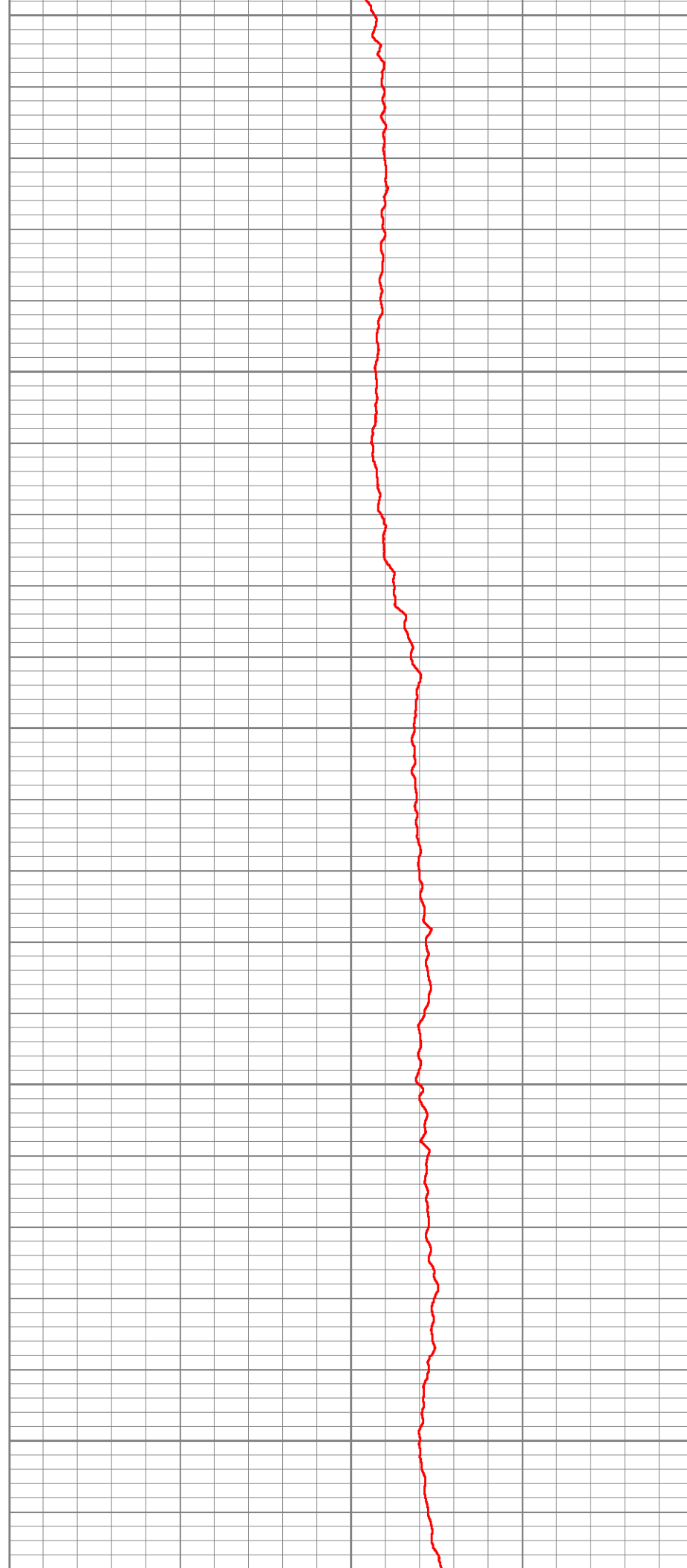
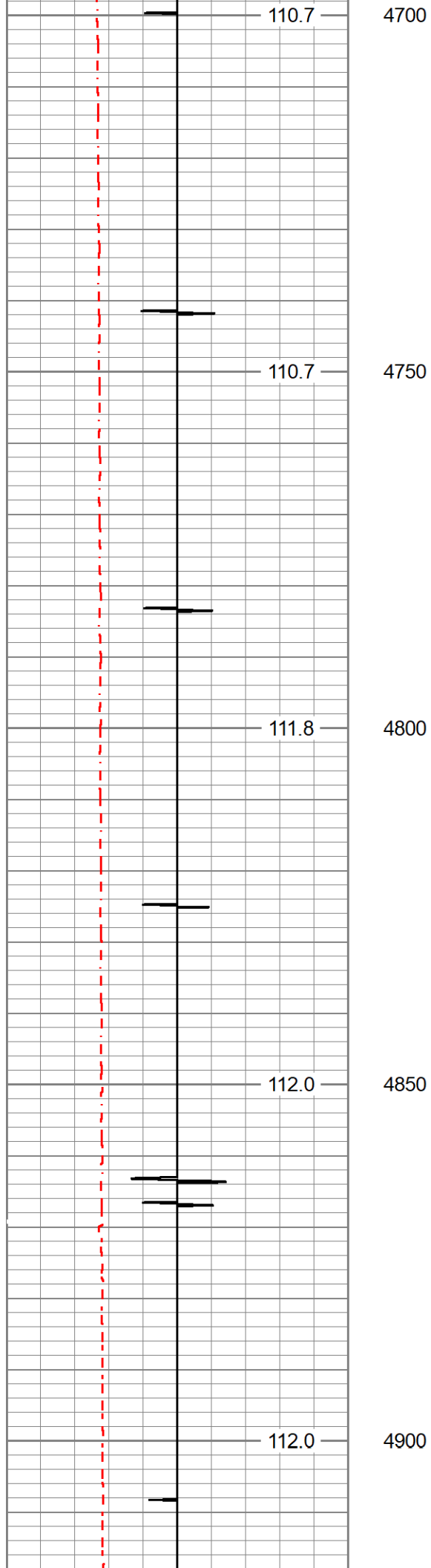
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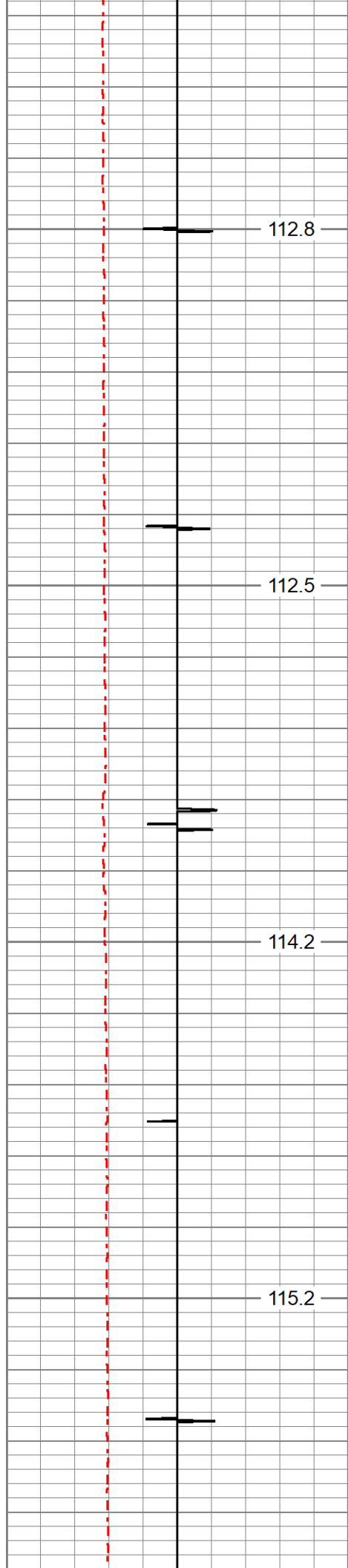
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4650









112.8

4950

112.5

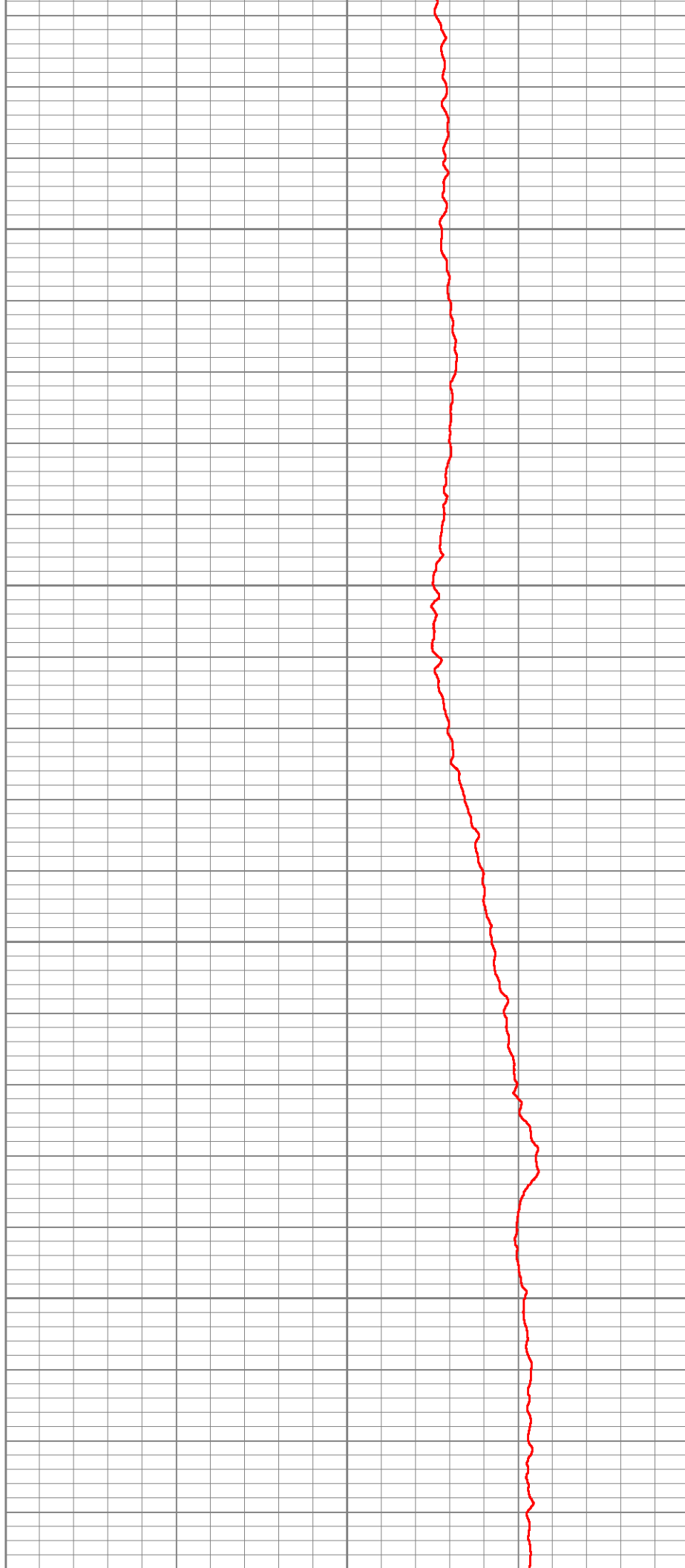
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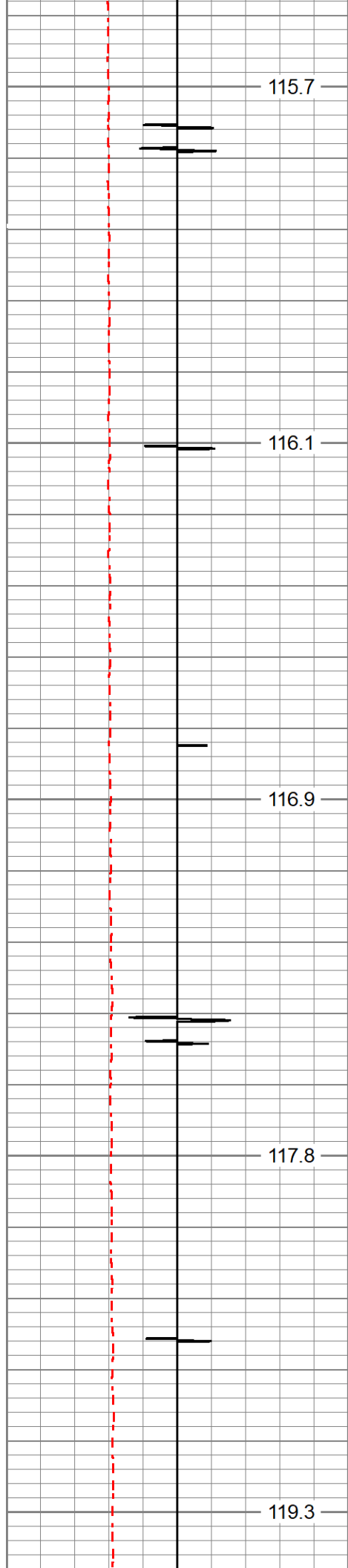
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5050

115.2

5100





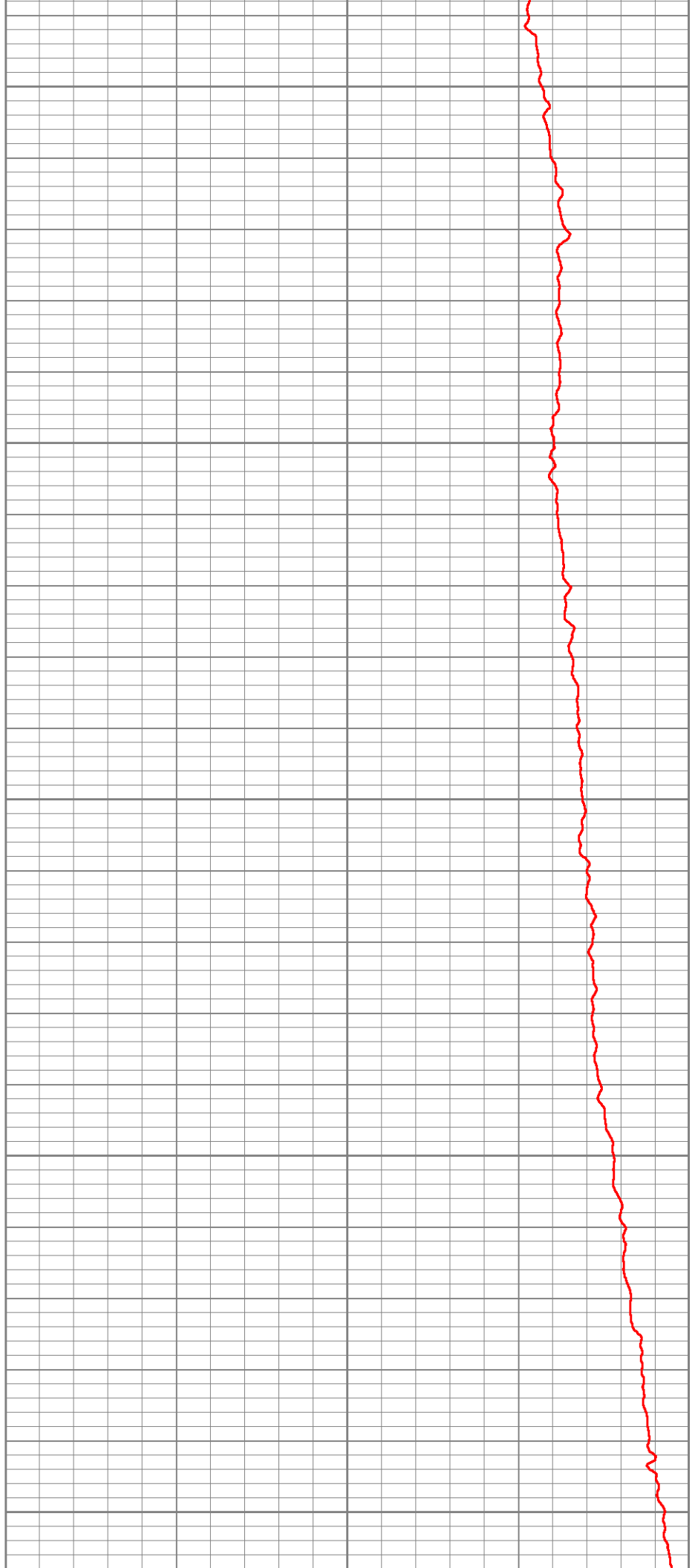
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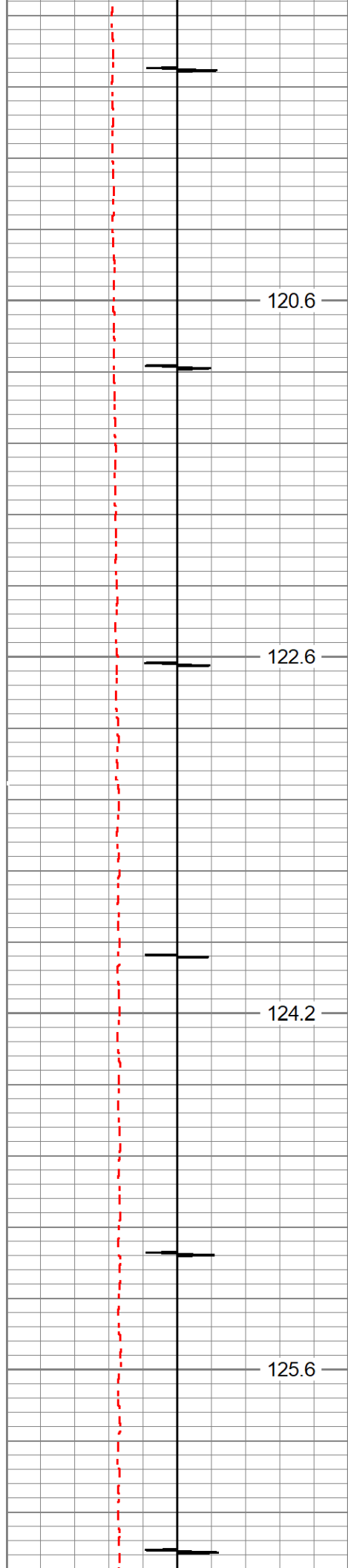
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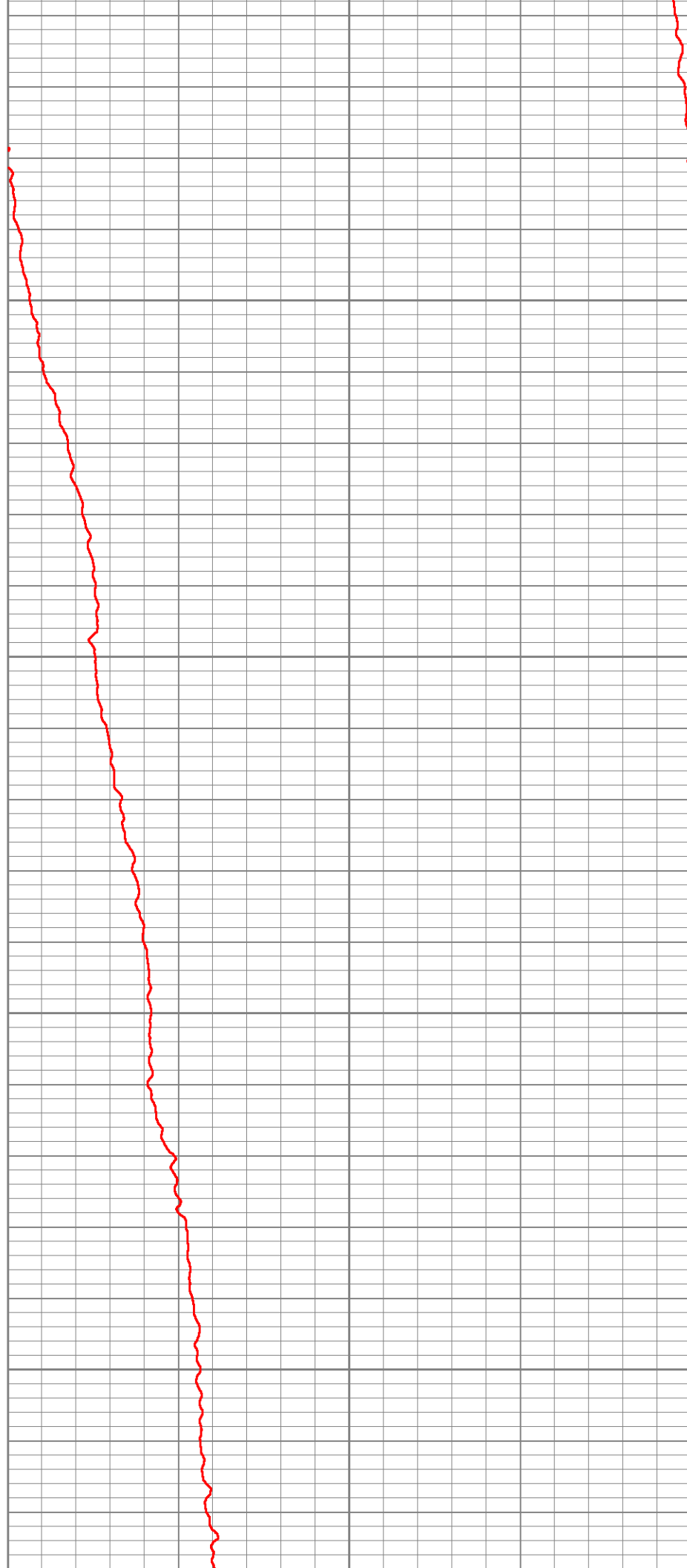


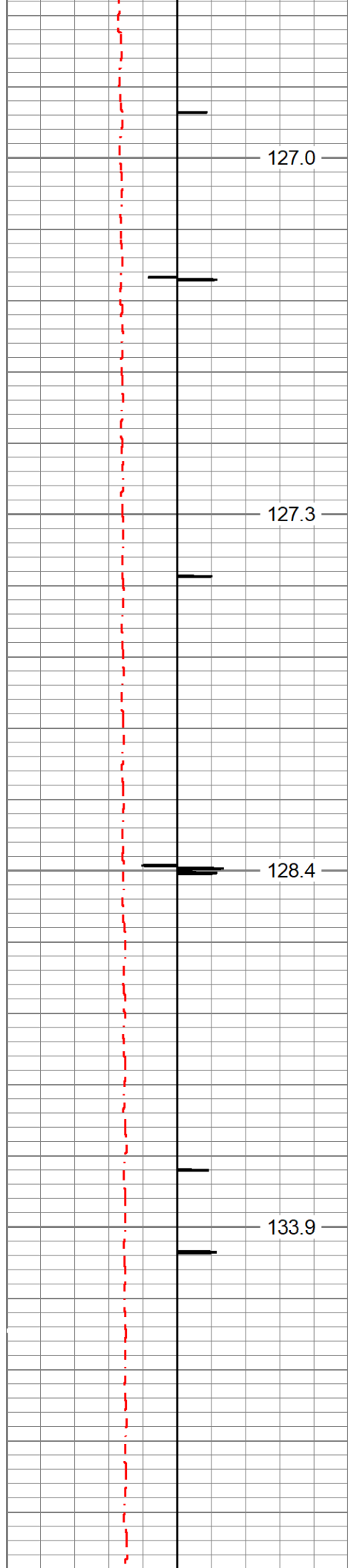
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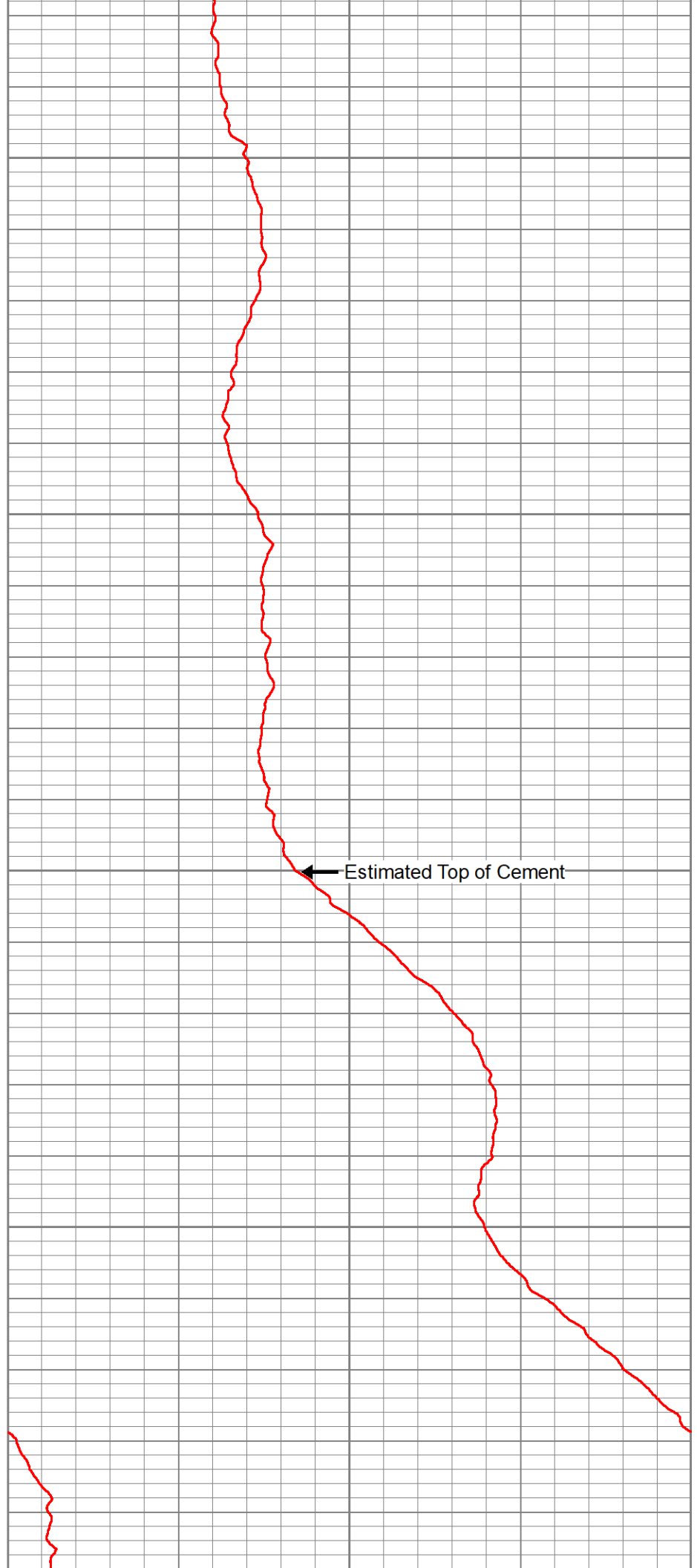


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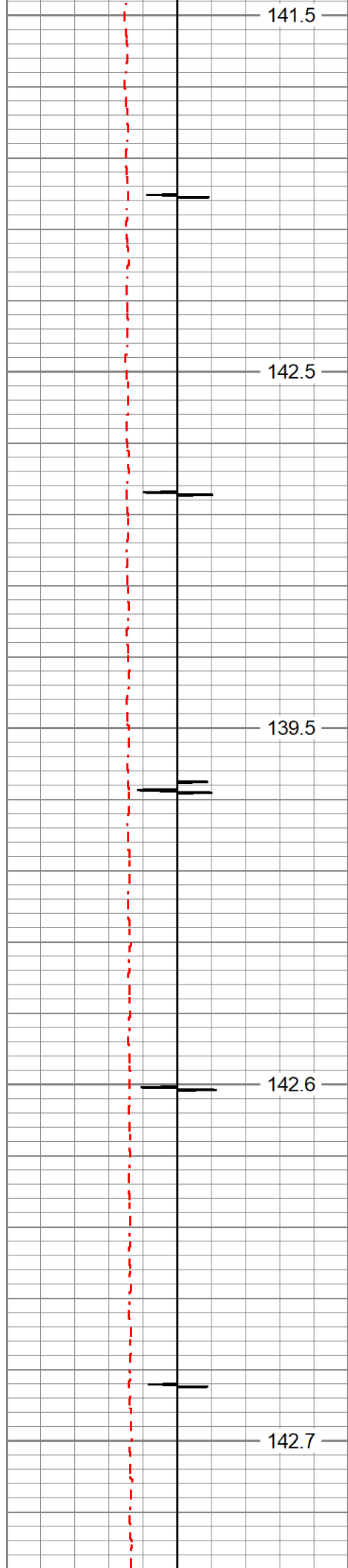
5650

5700

5750



Estimated Top of Cement



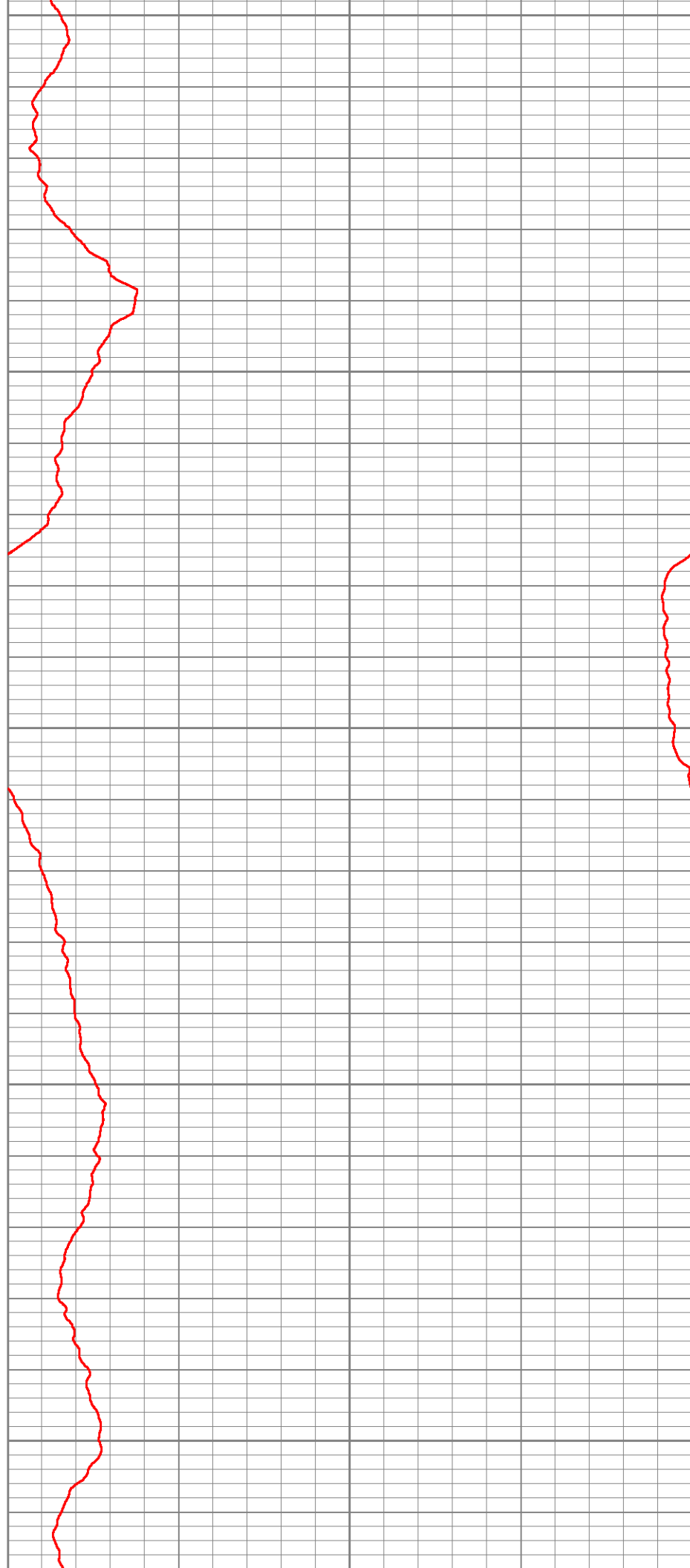
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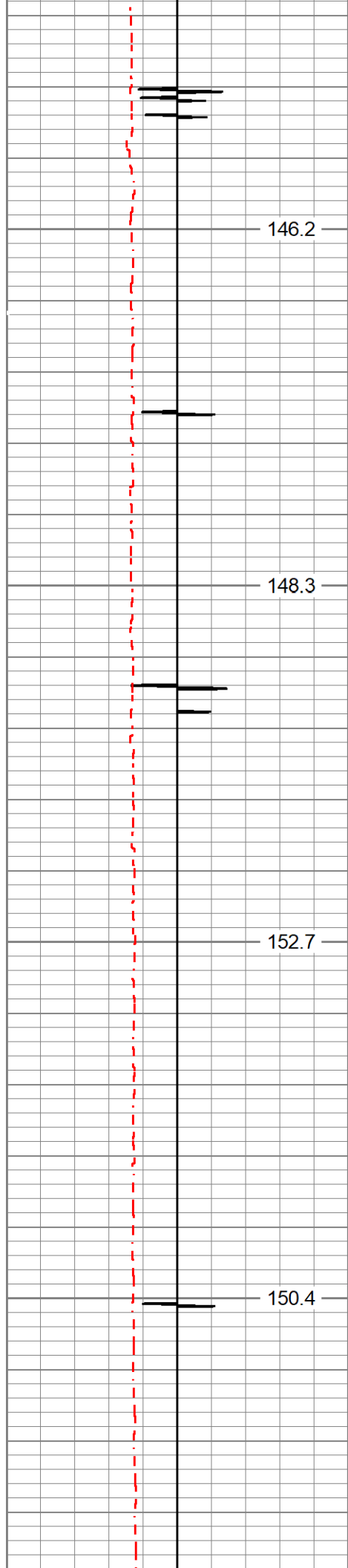
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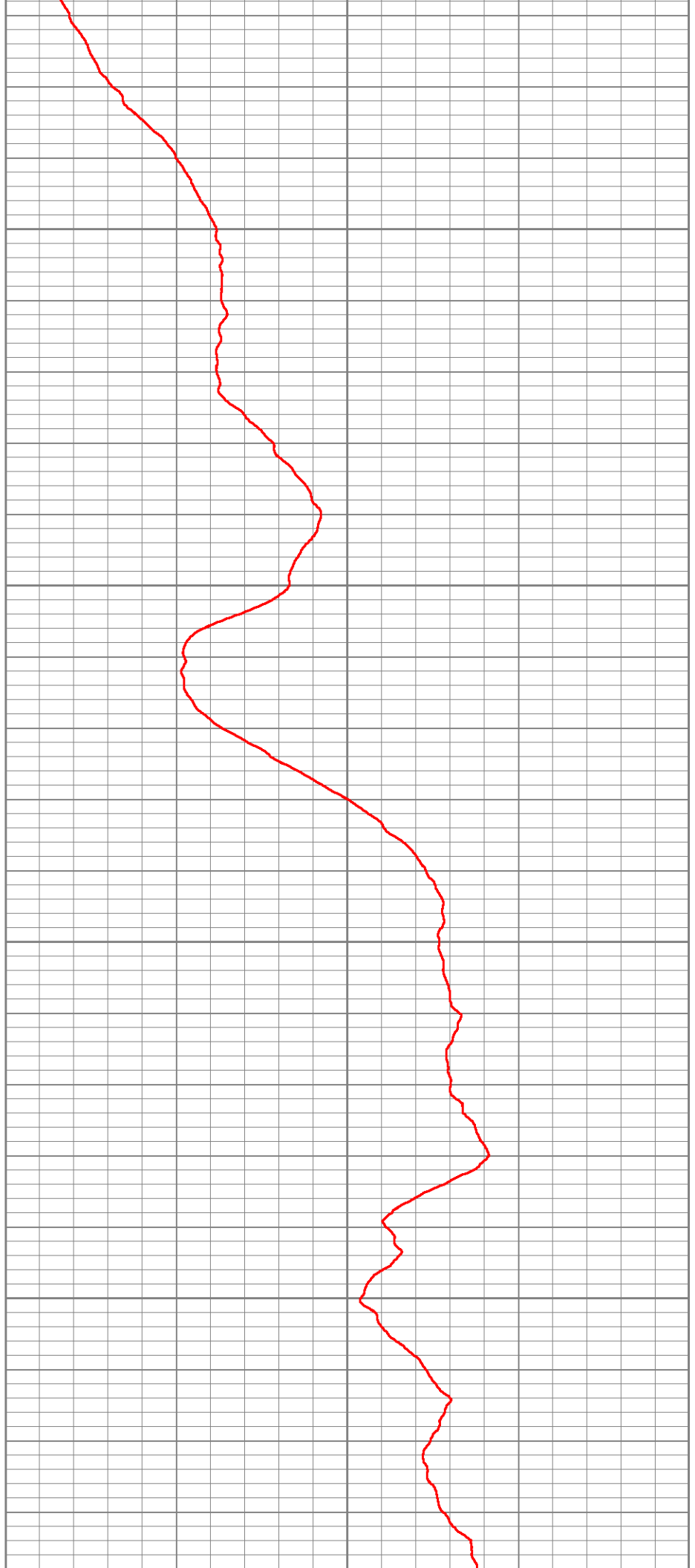


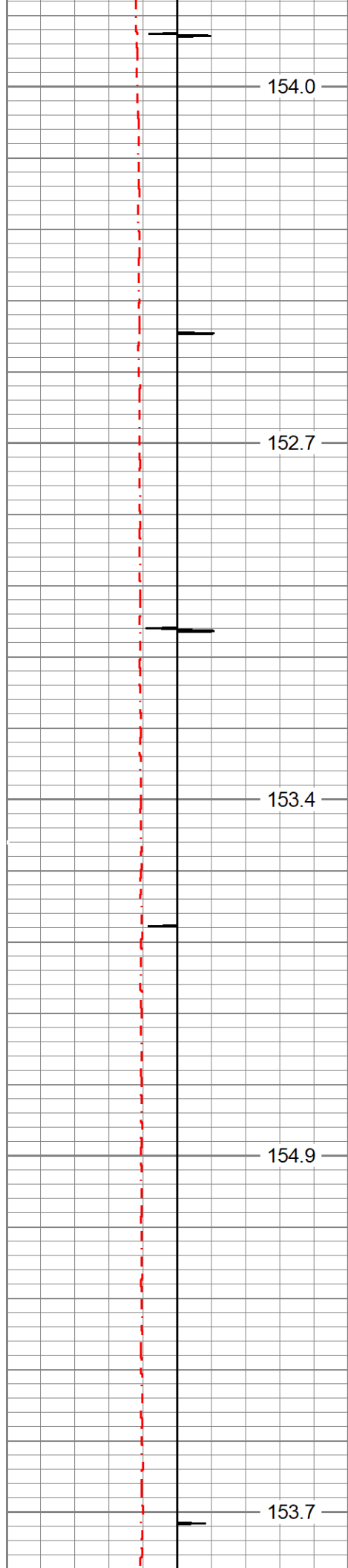
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6150

6200





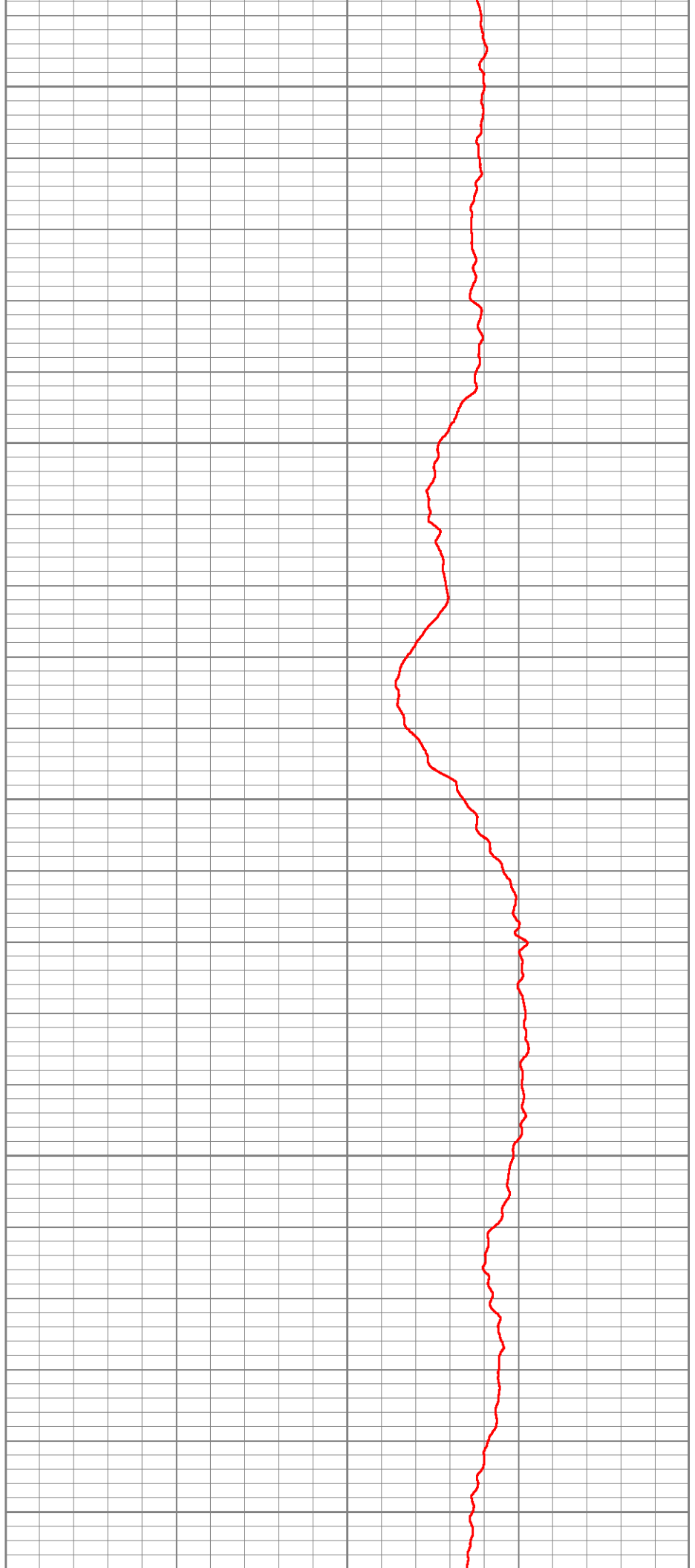
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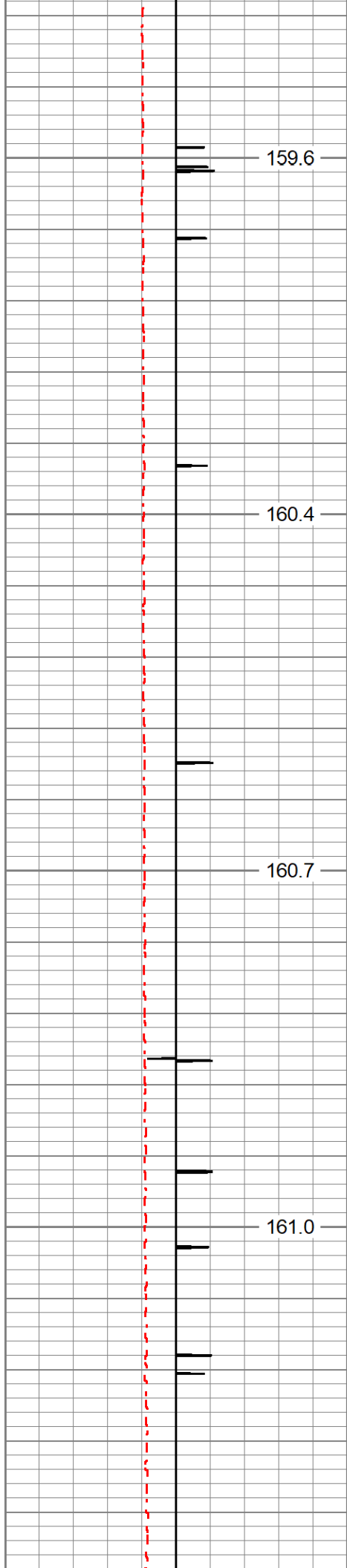
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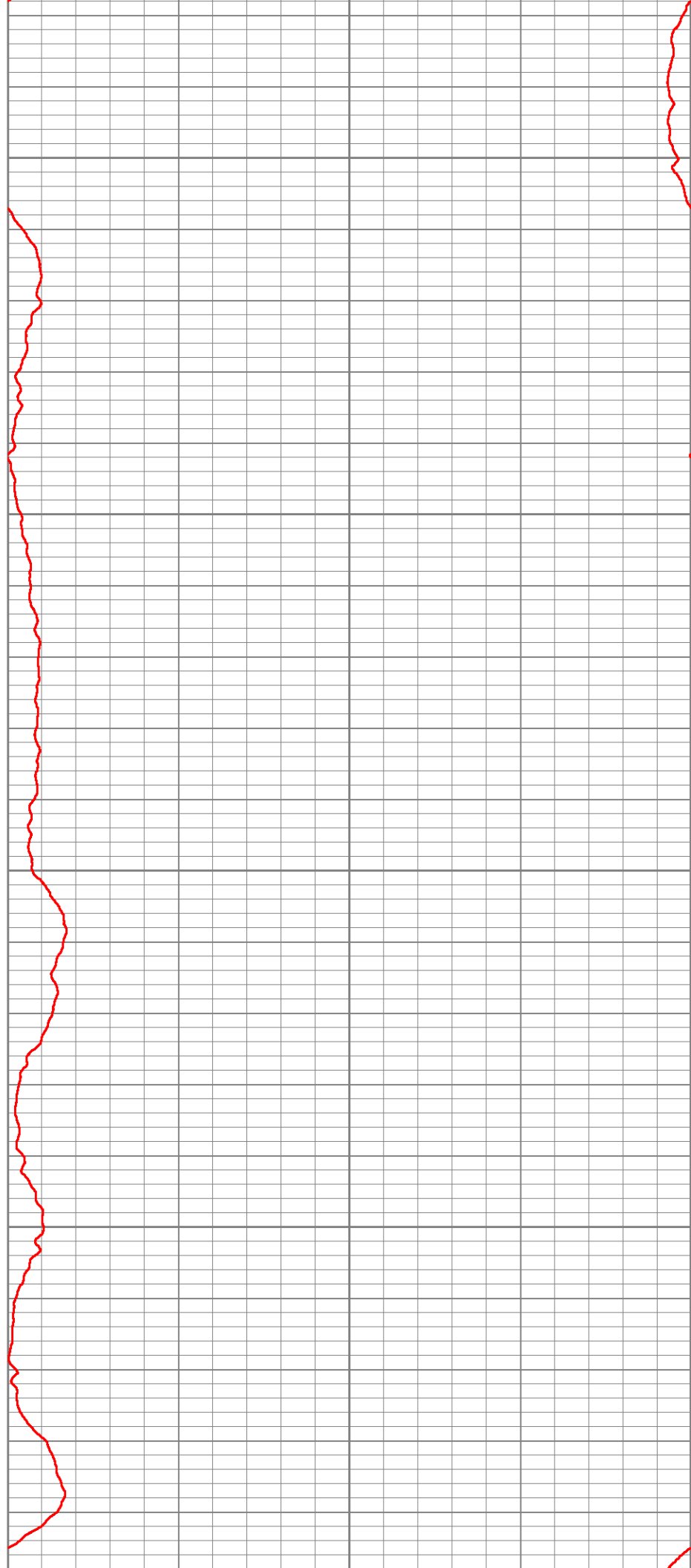


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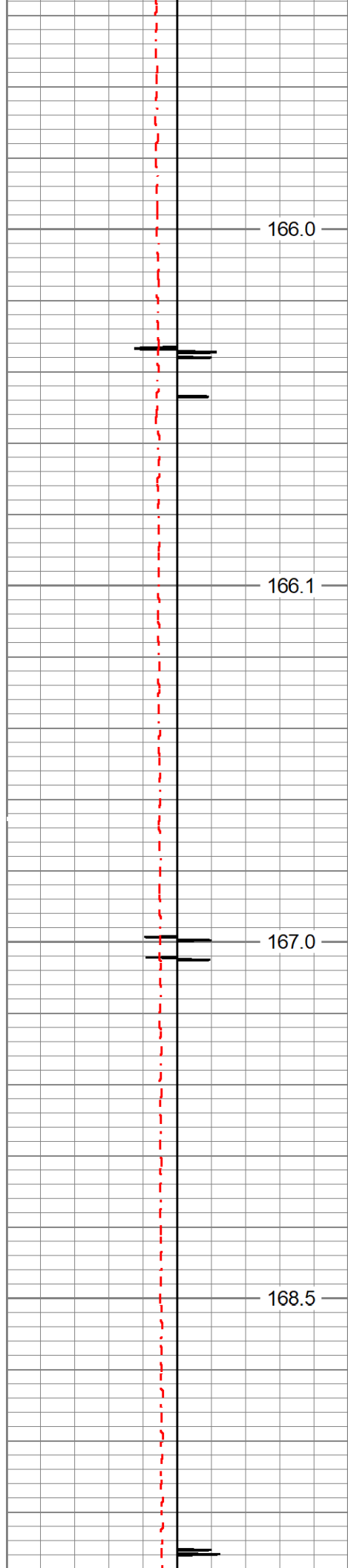
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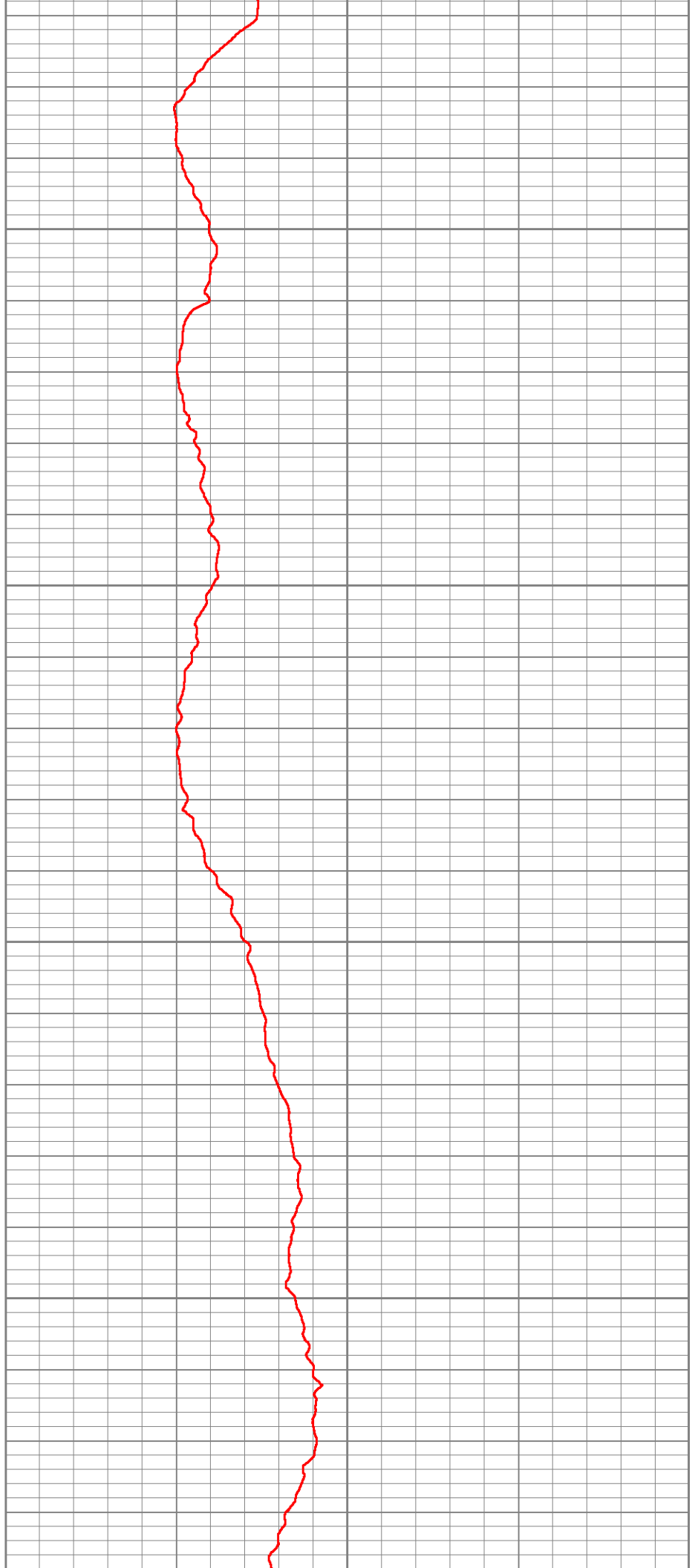


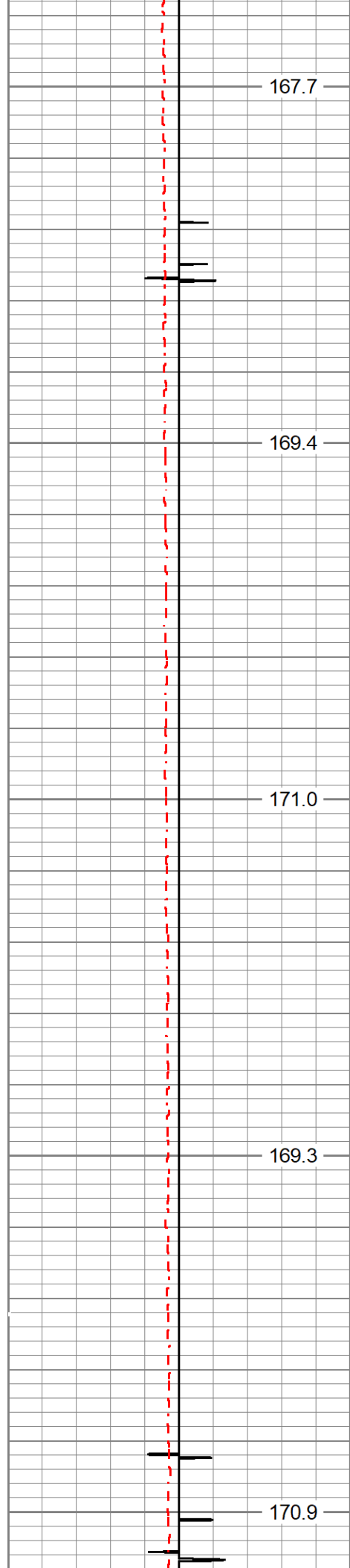
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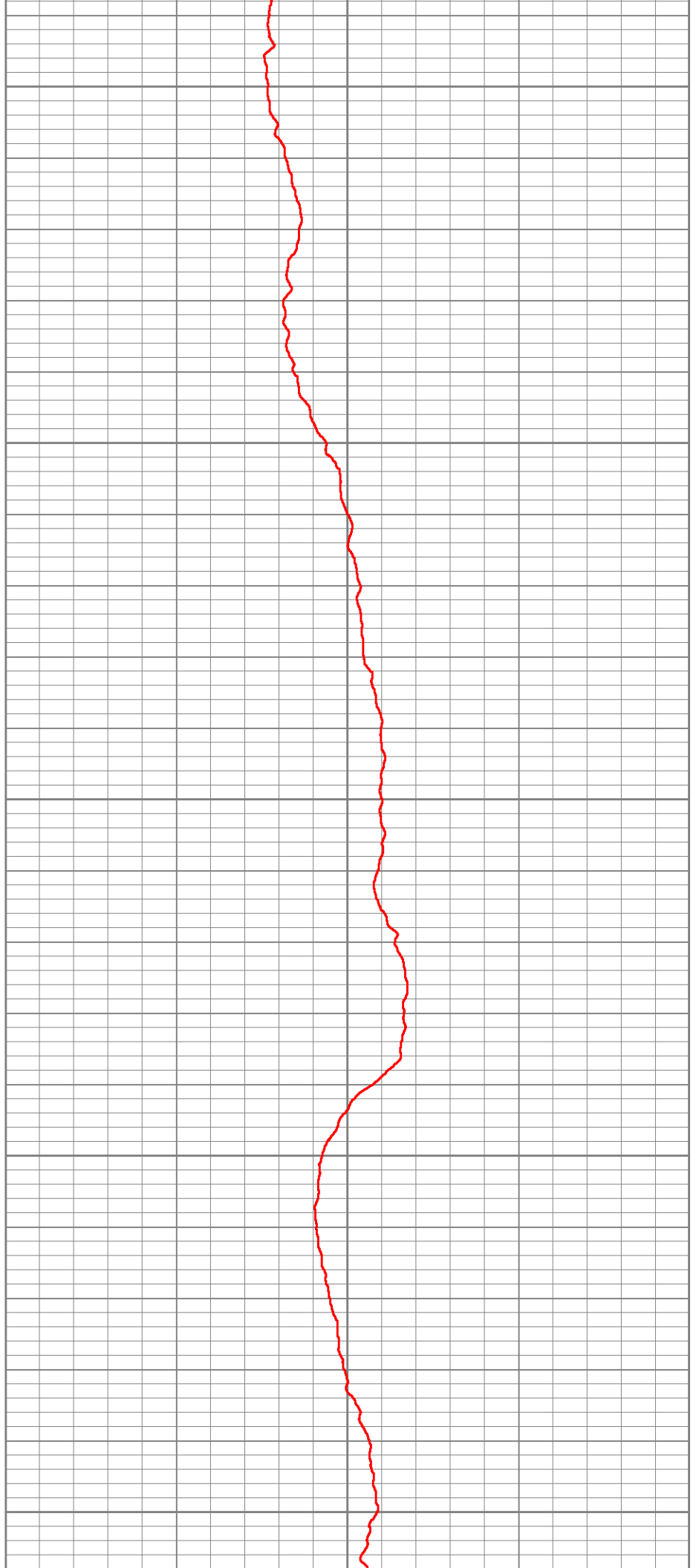
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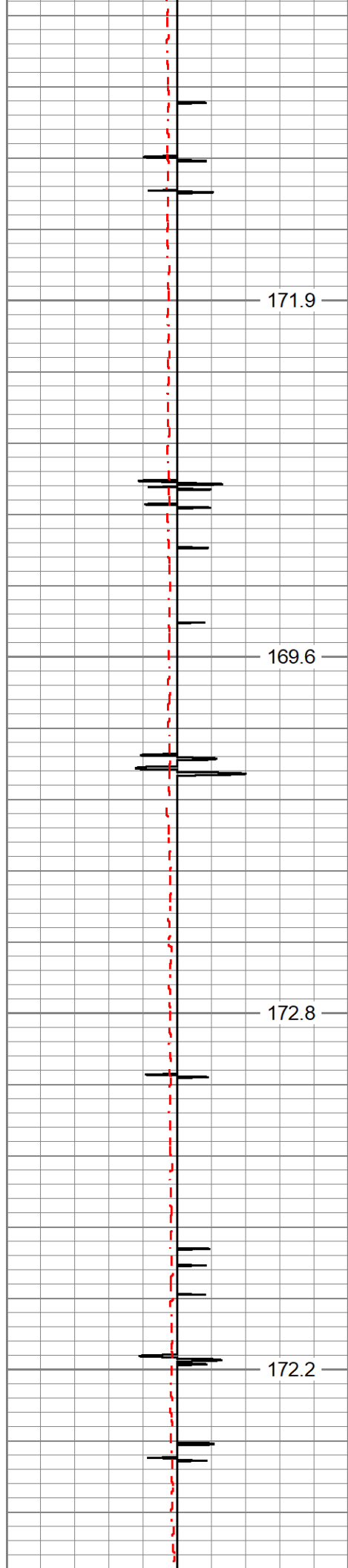
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7450

7500

7550





171.9

7600

169.6

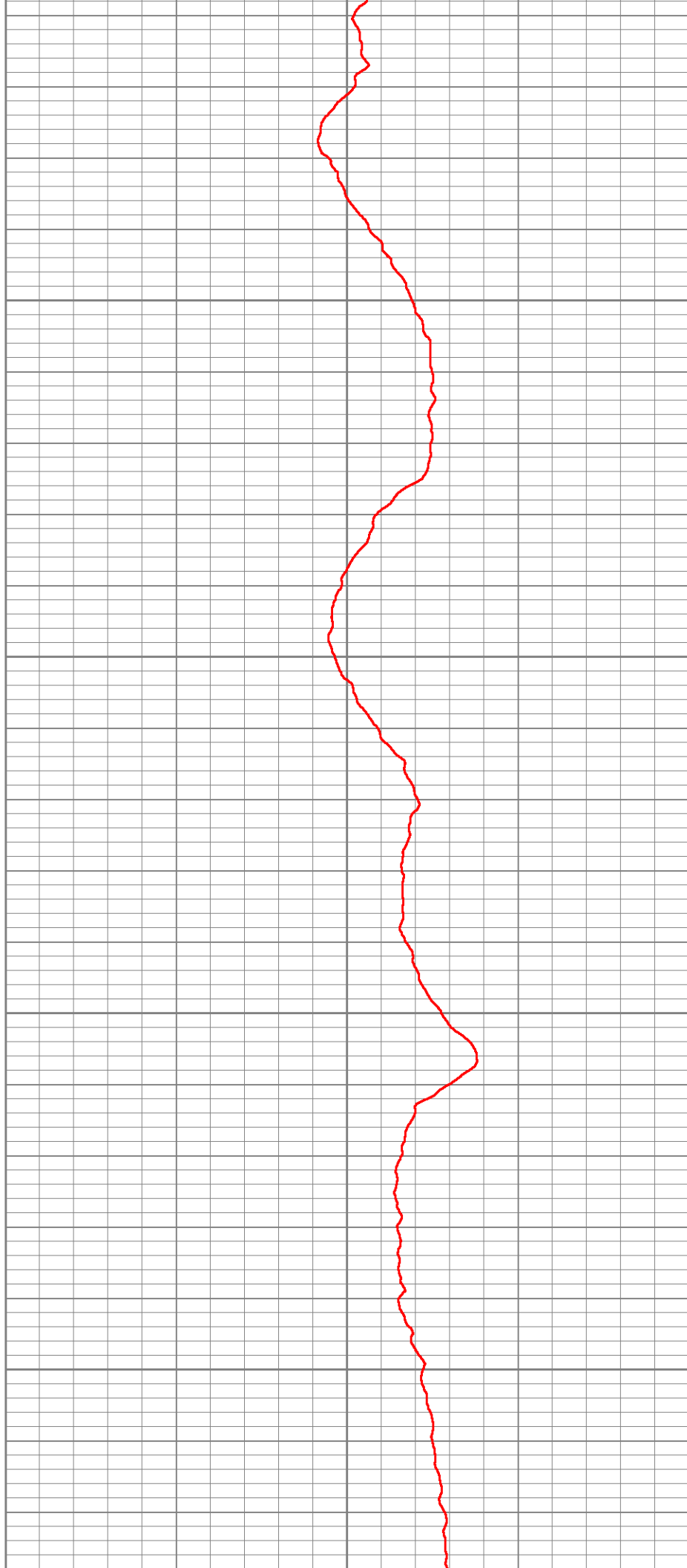
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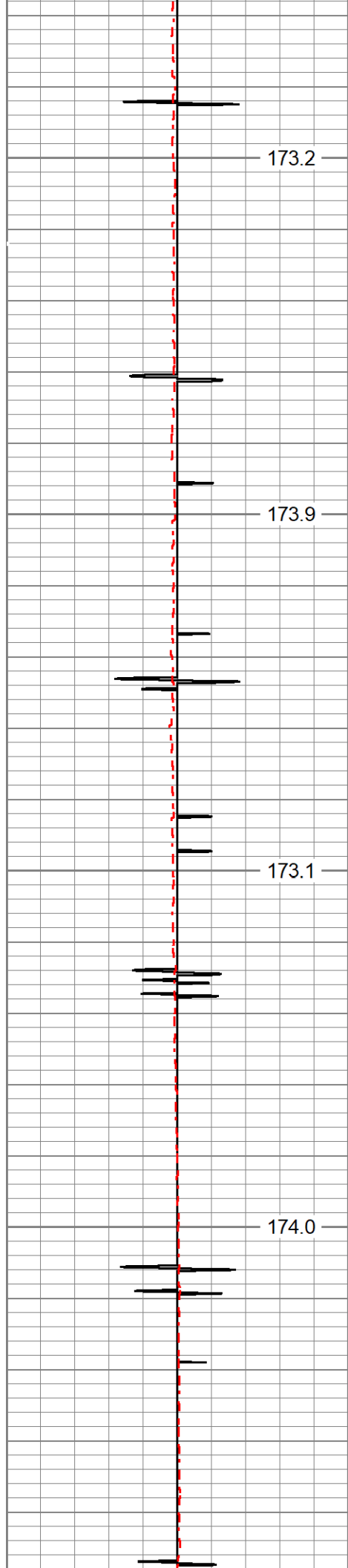
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7700

172.2

7750



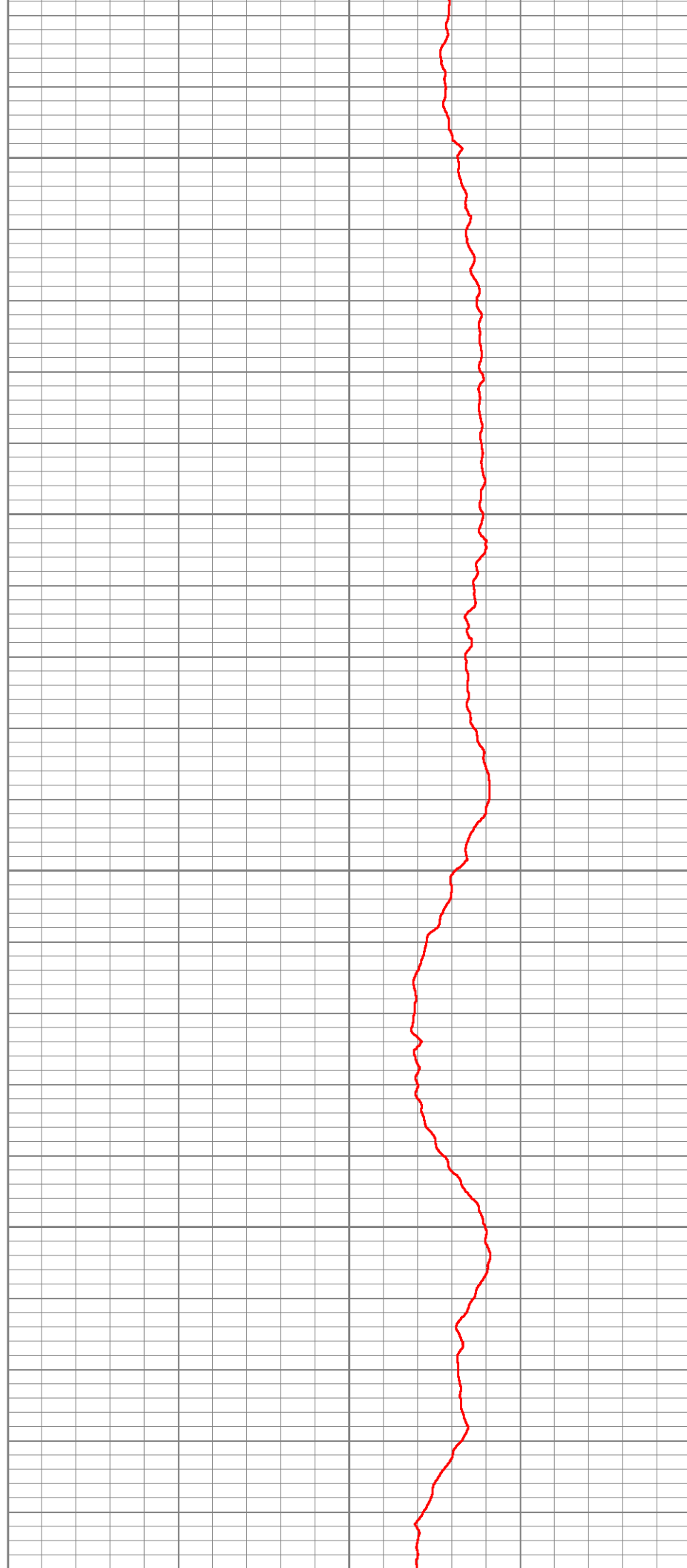


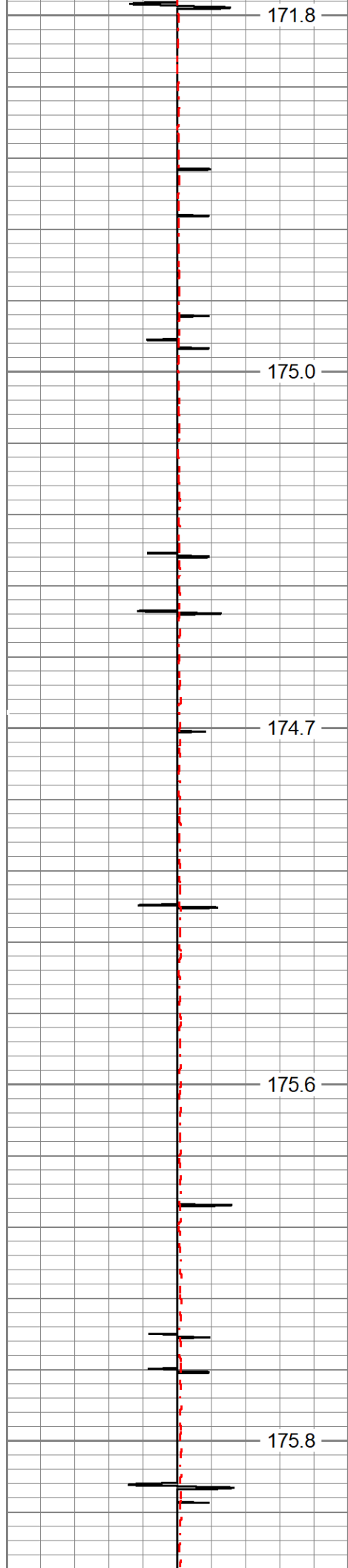
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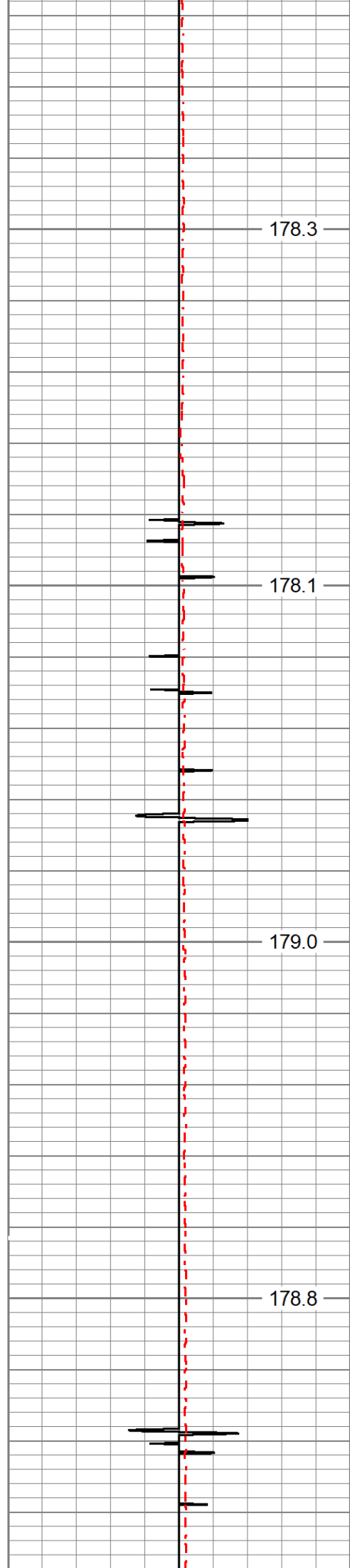
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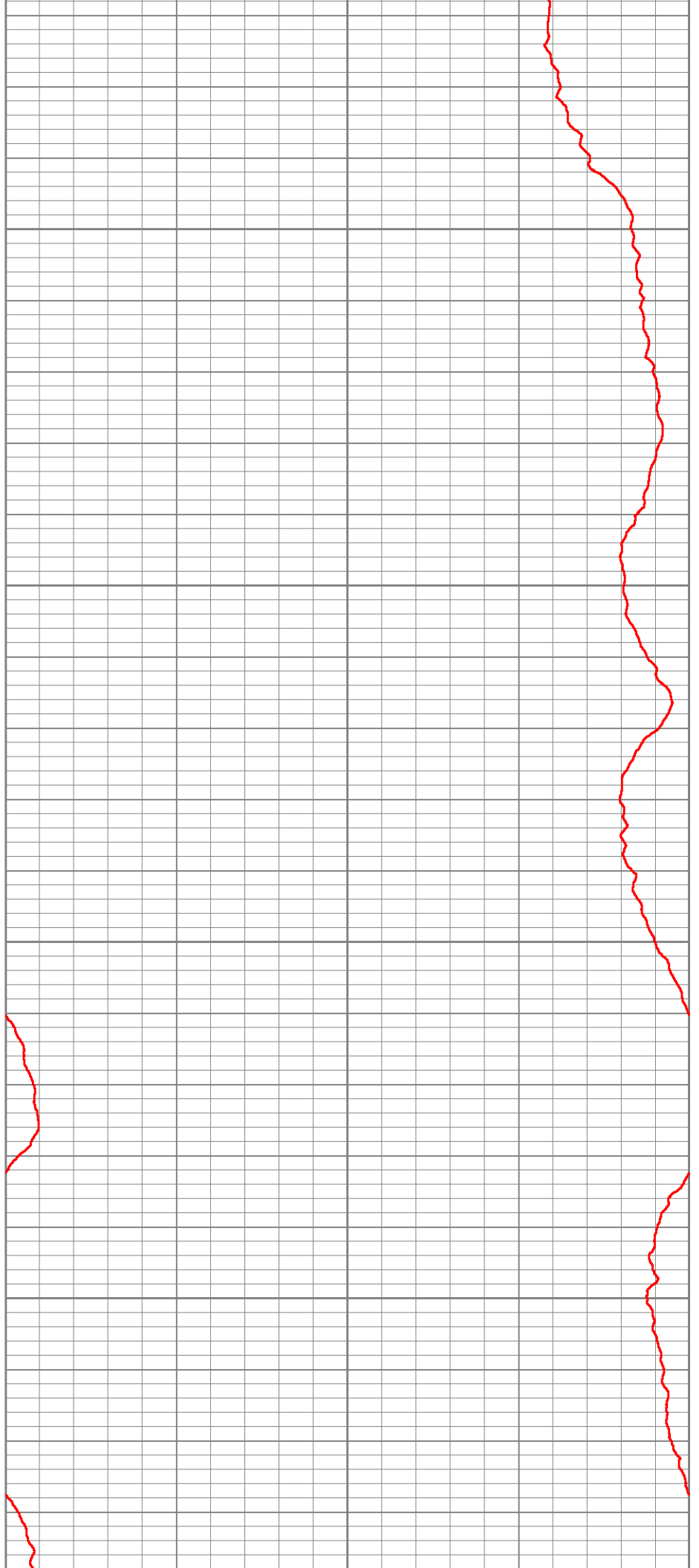


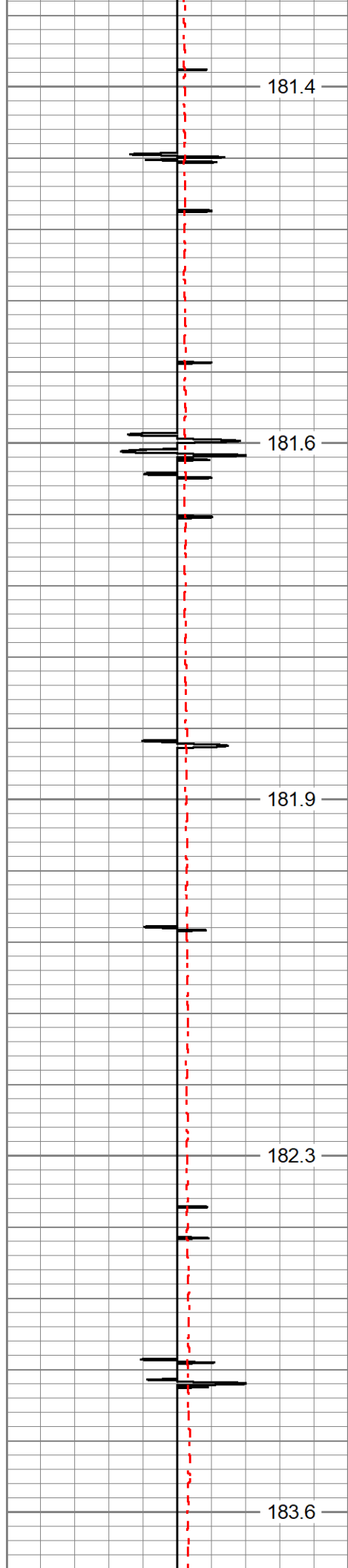
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8300

8350

8400





8450

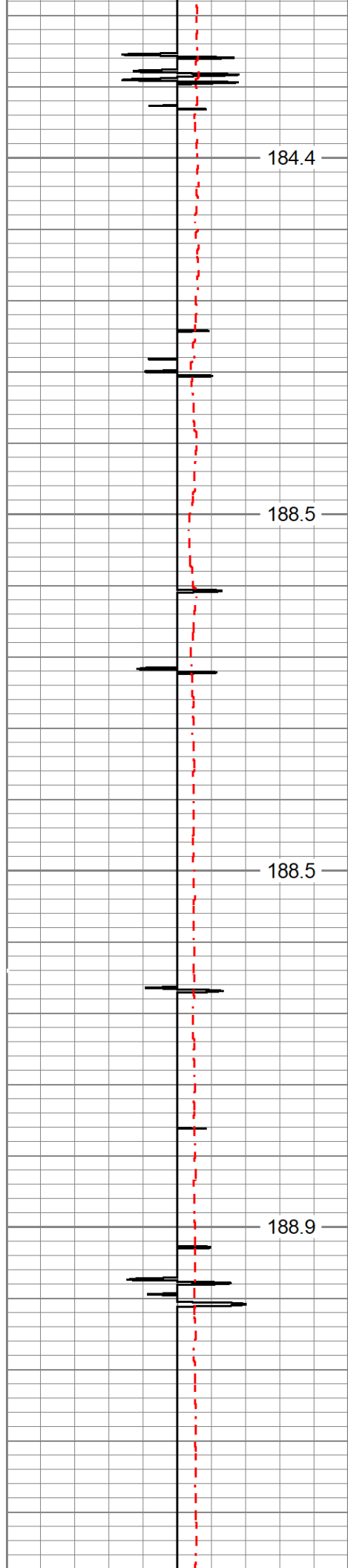
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8550

8600

8650



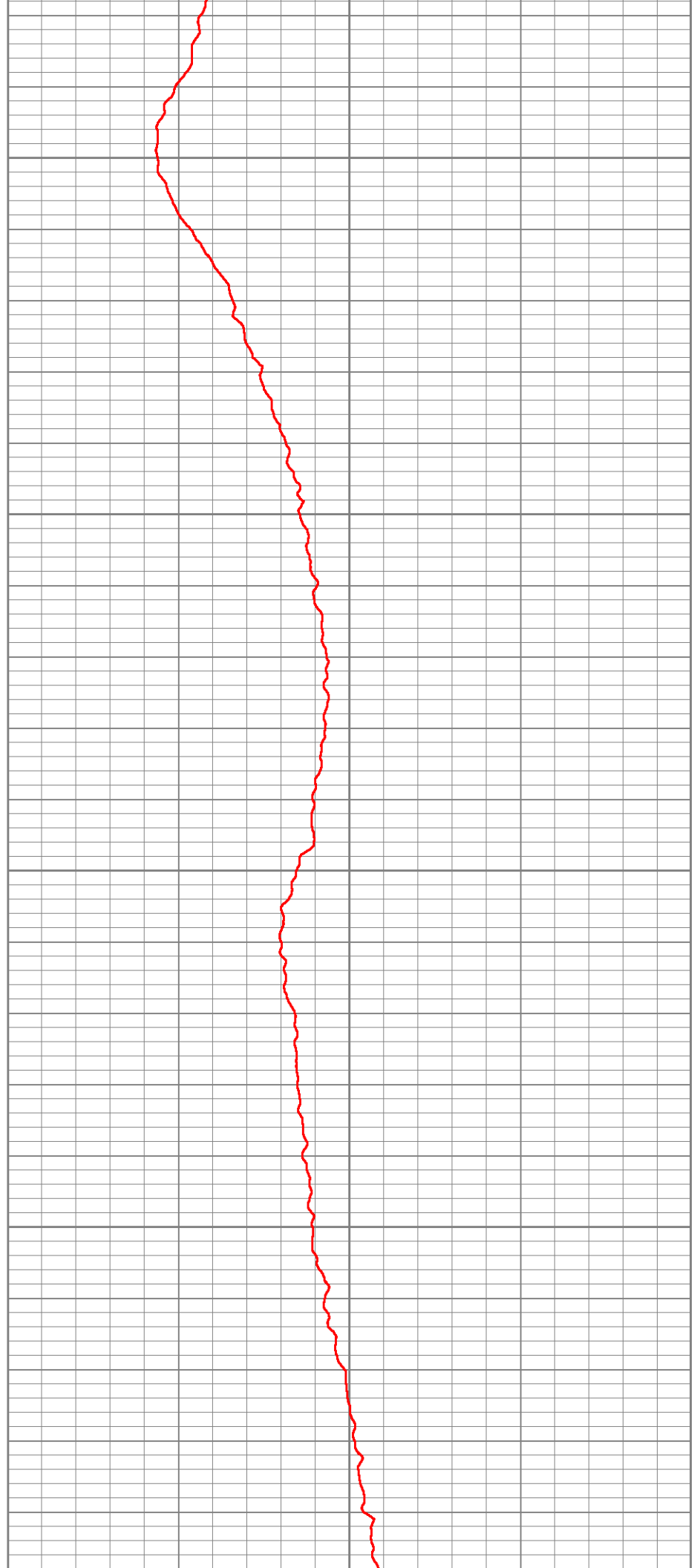


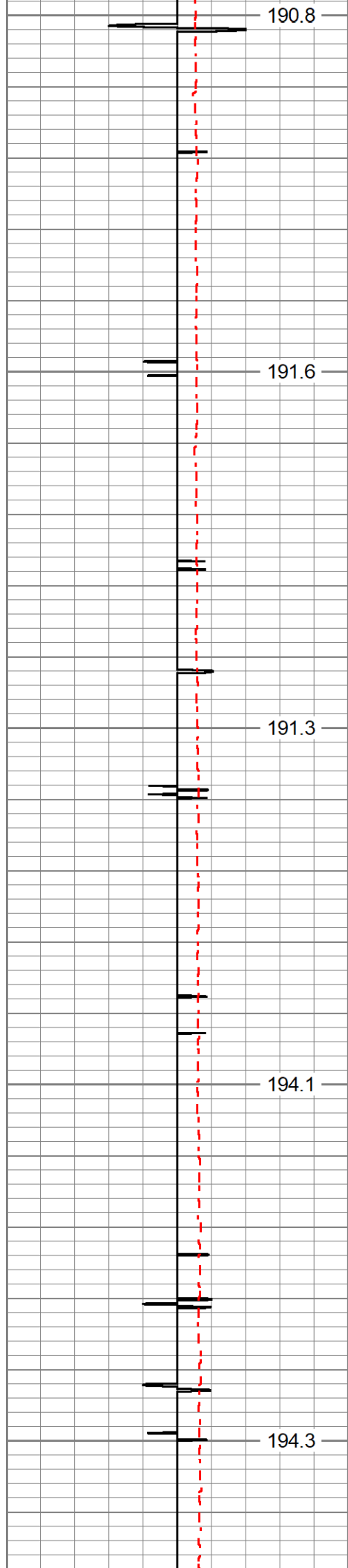
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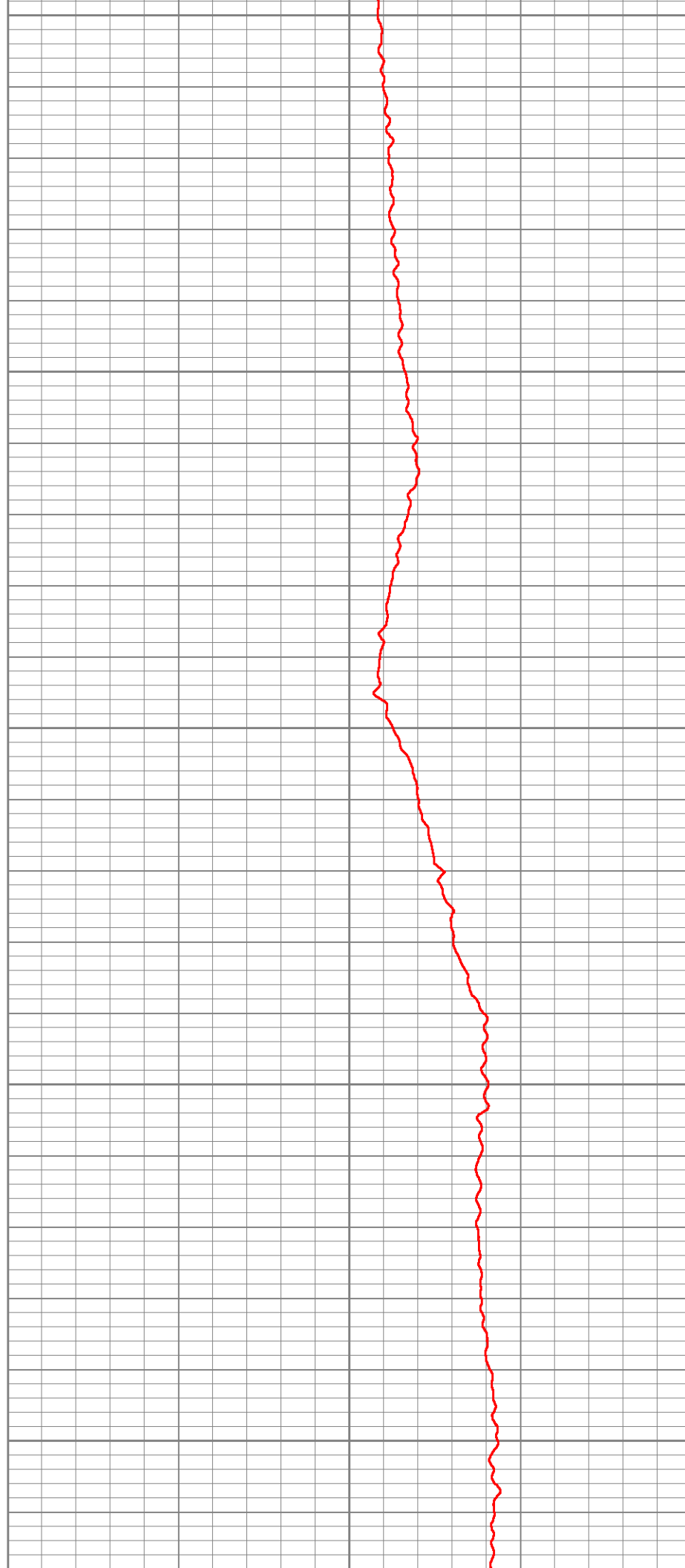
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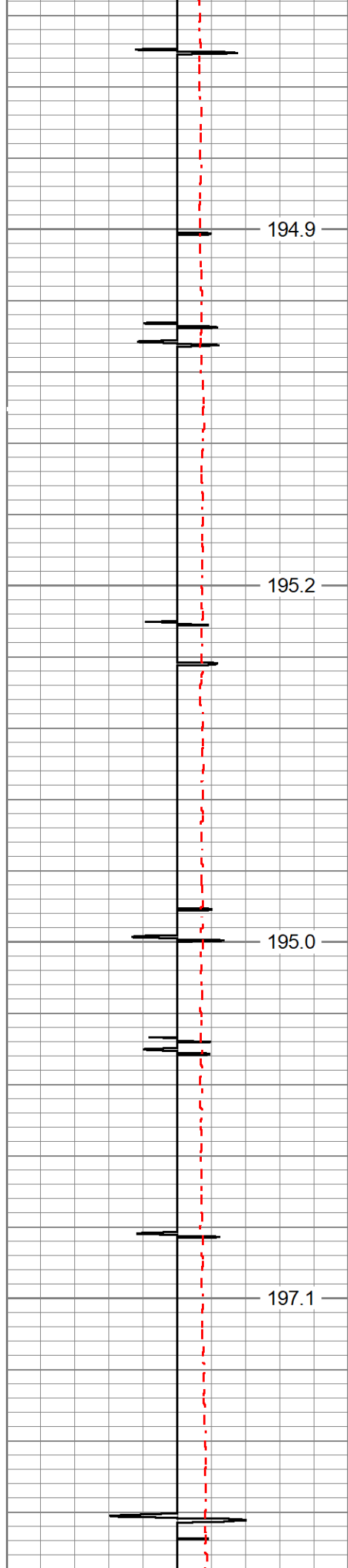
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9100  
9150  
9200  
9250  
9300





194.9

195.2

195.0

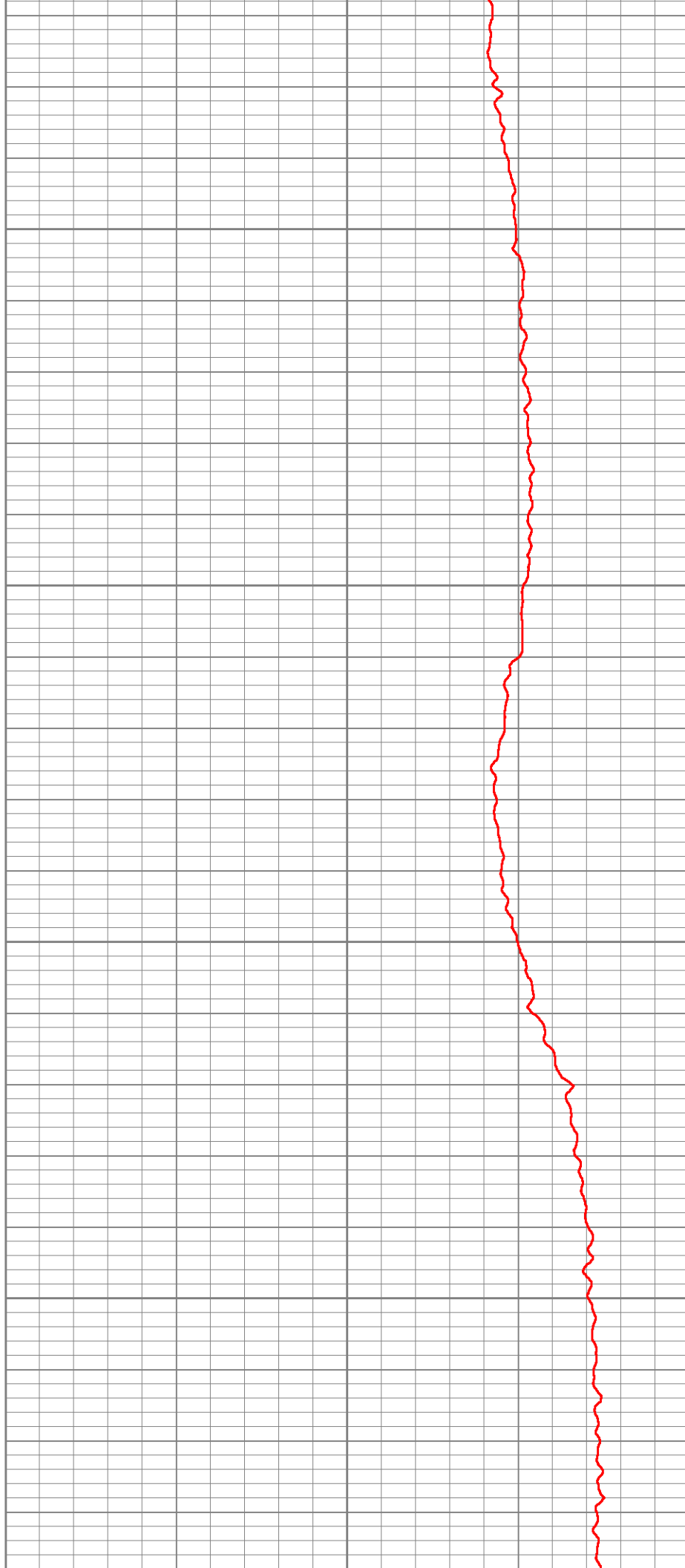
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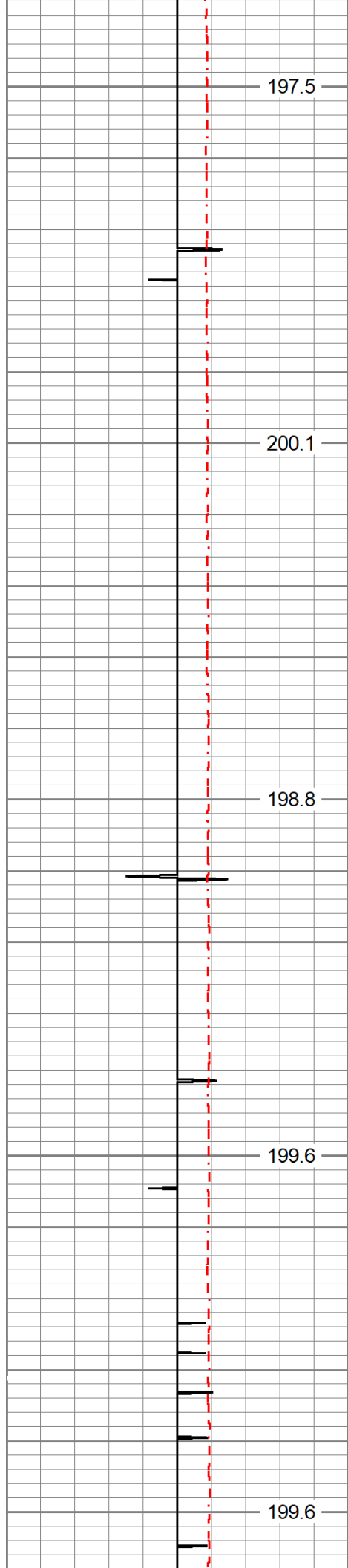
9350

9400

9450

9500





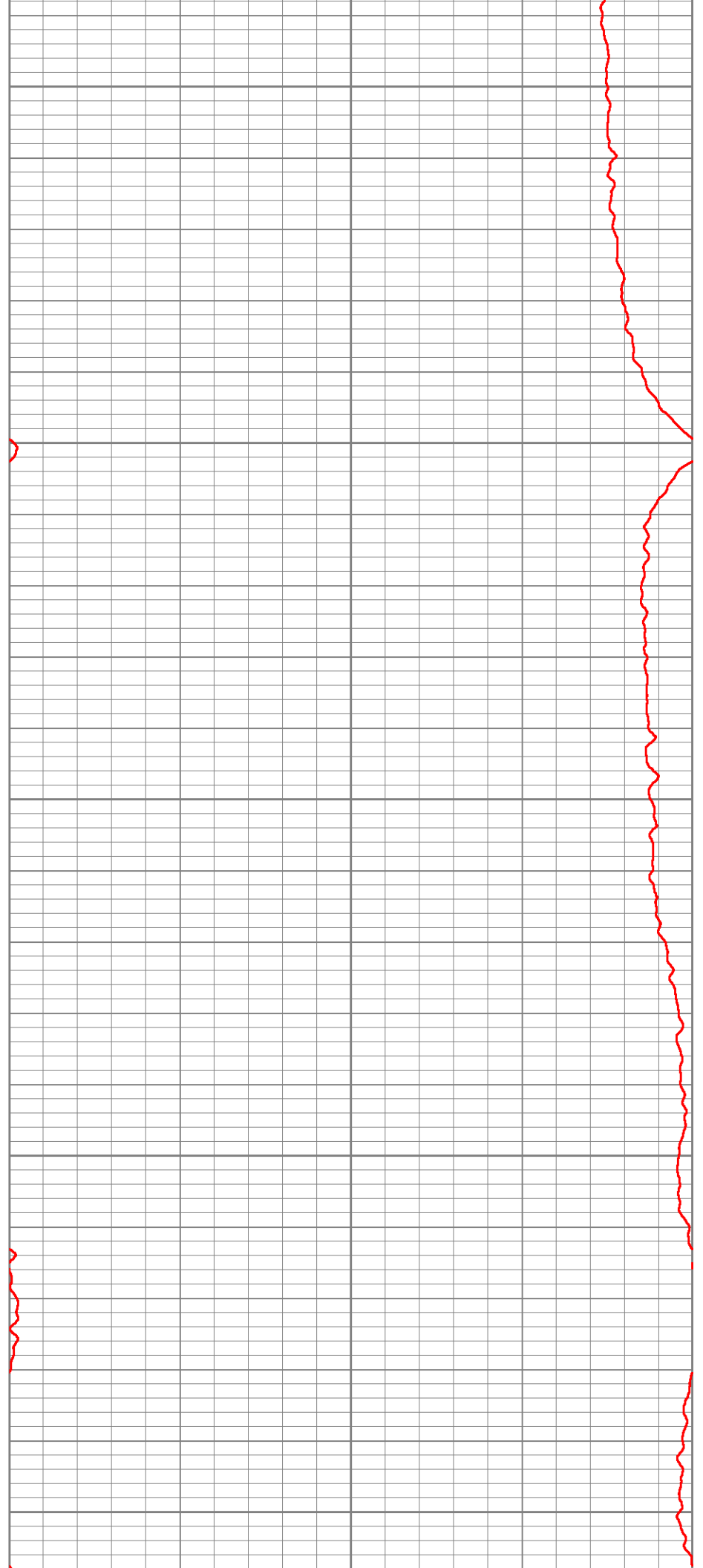
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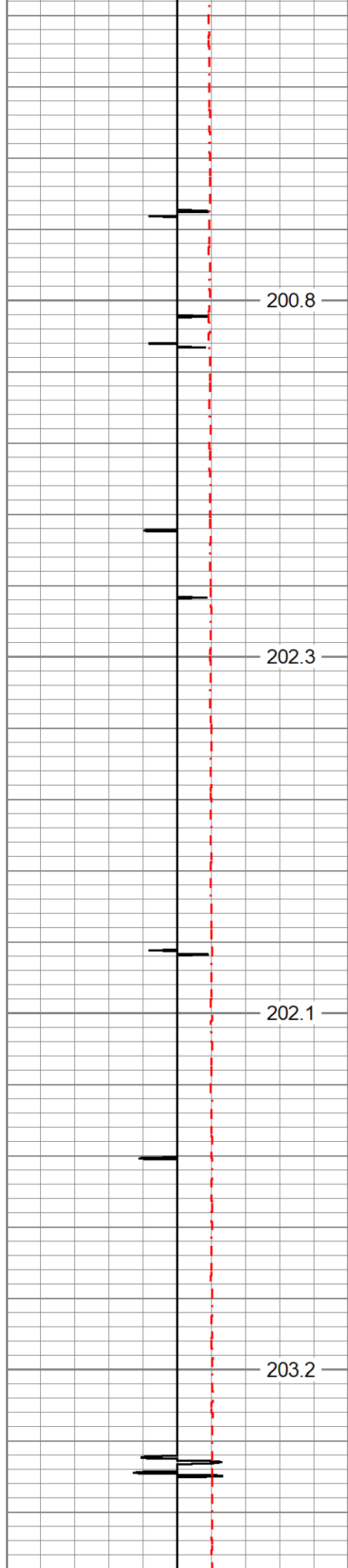
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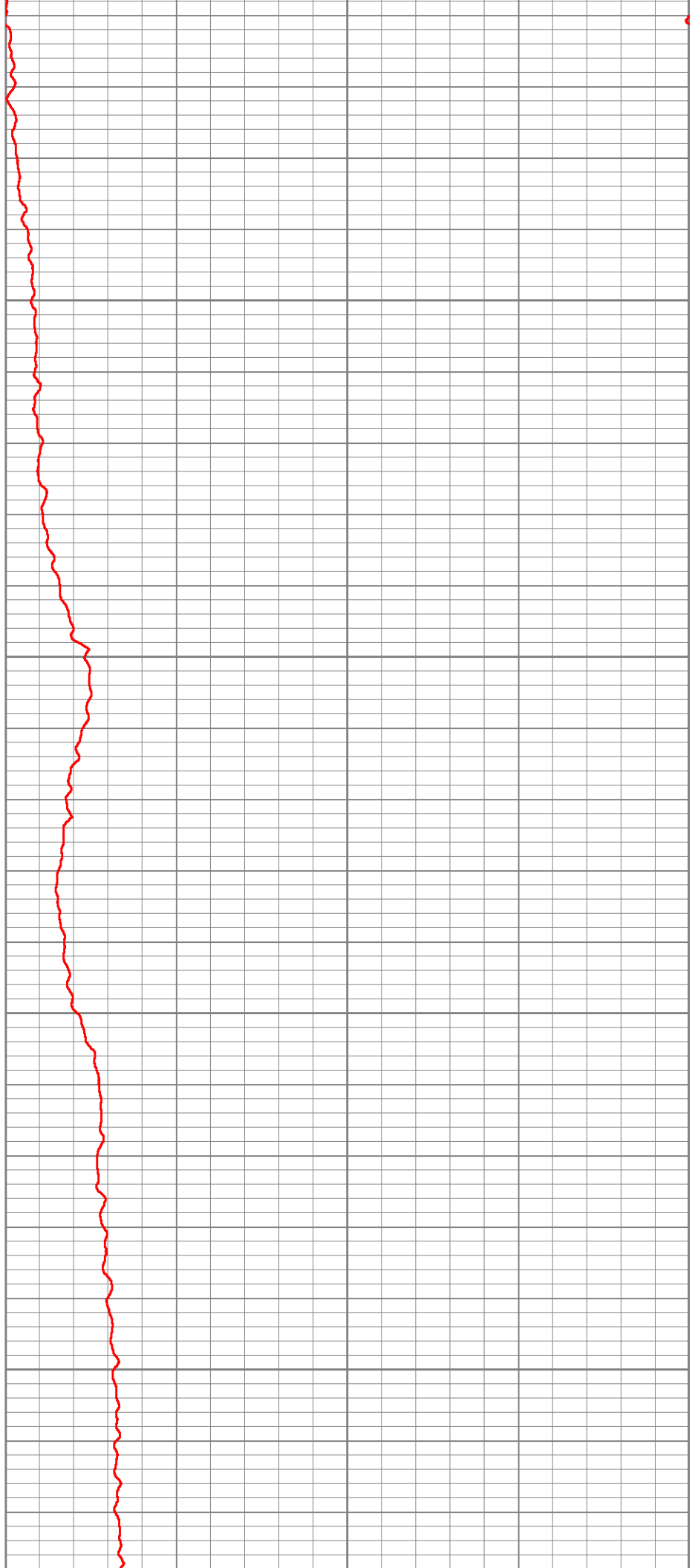


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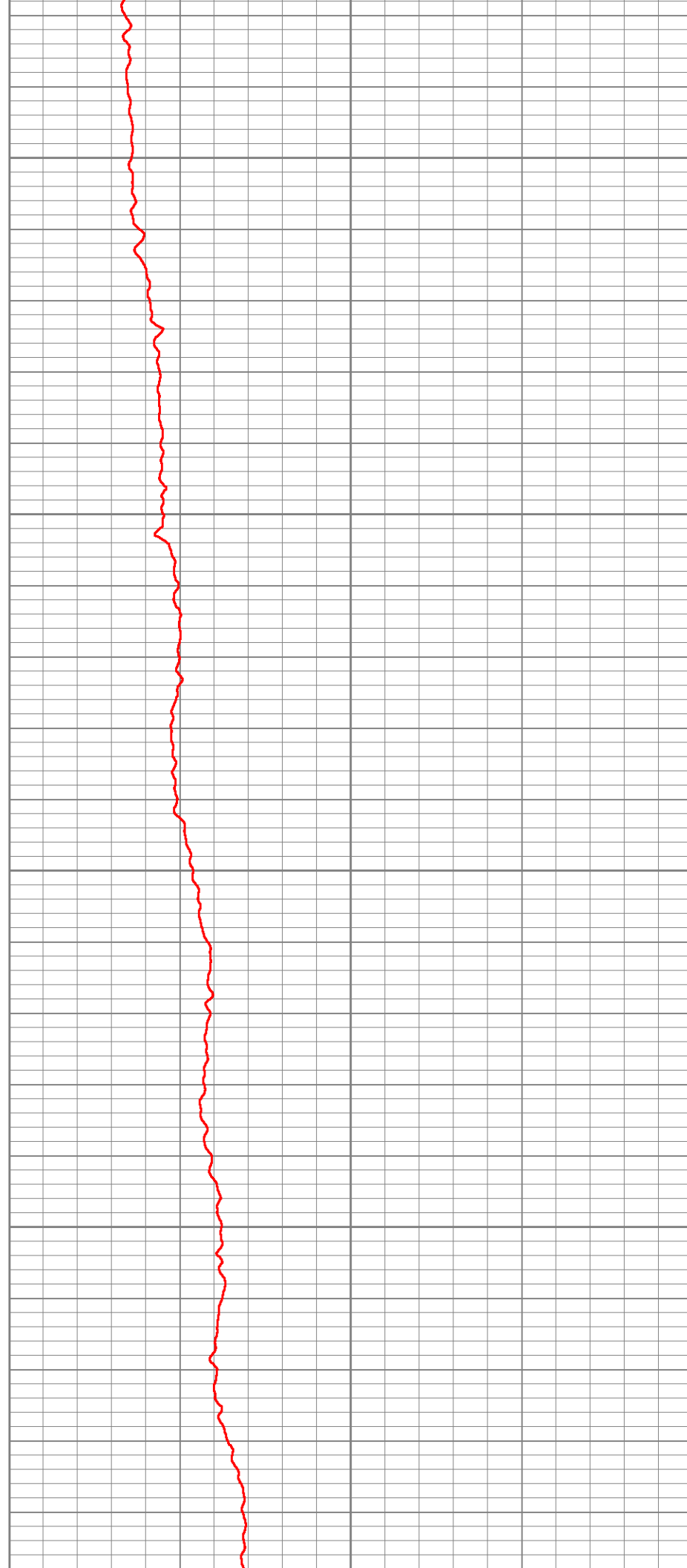
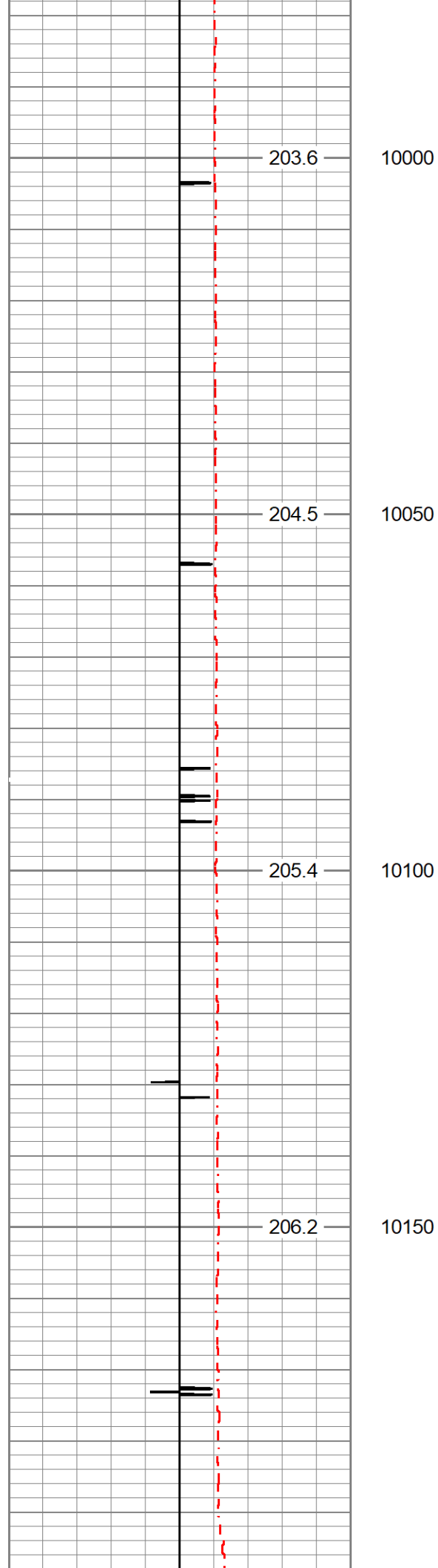
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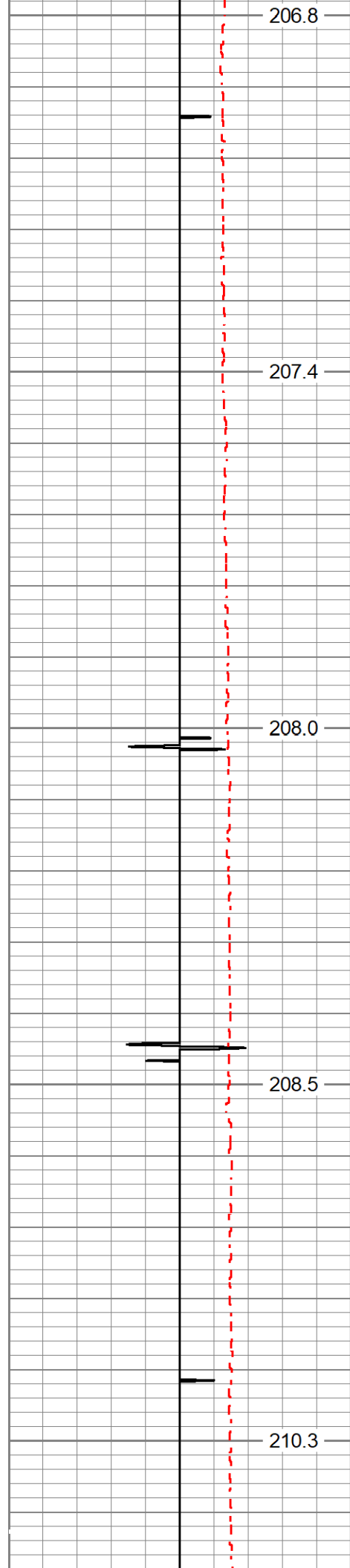
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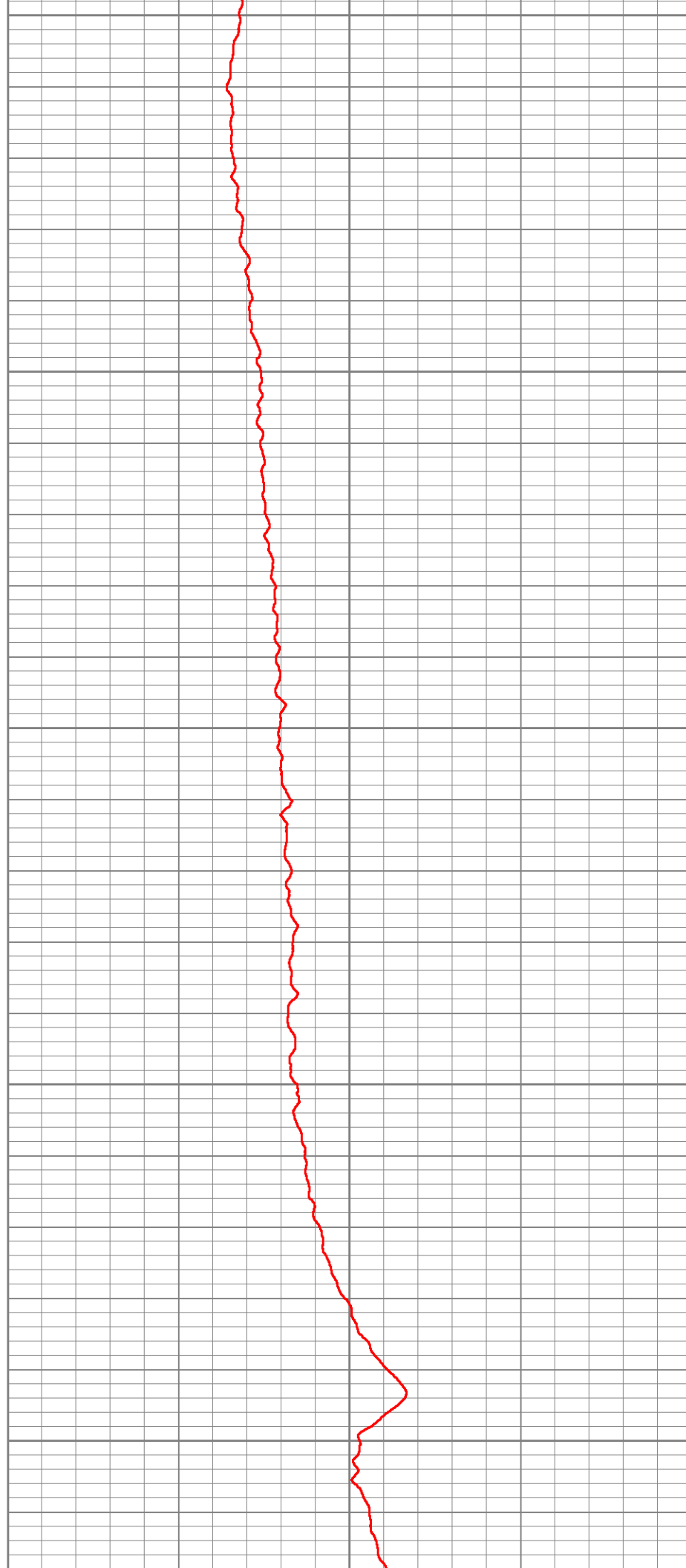


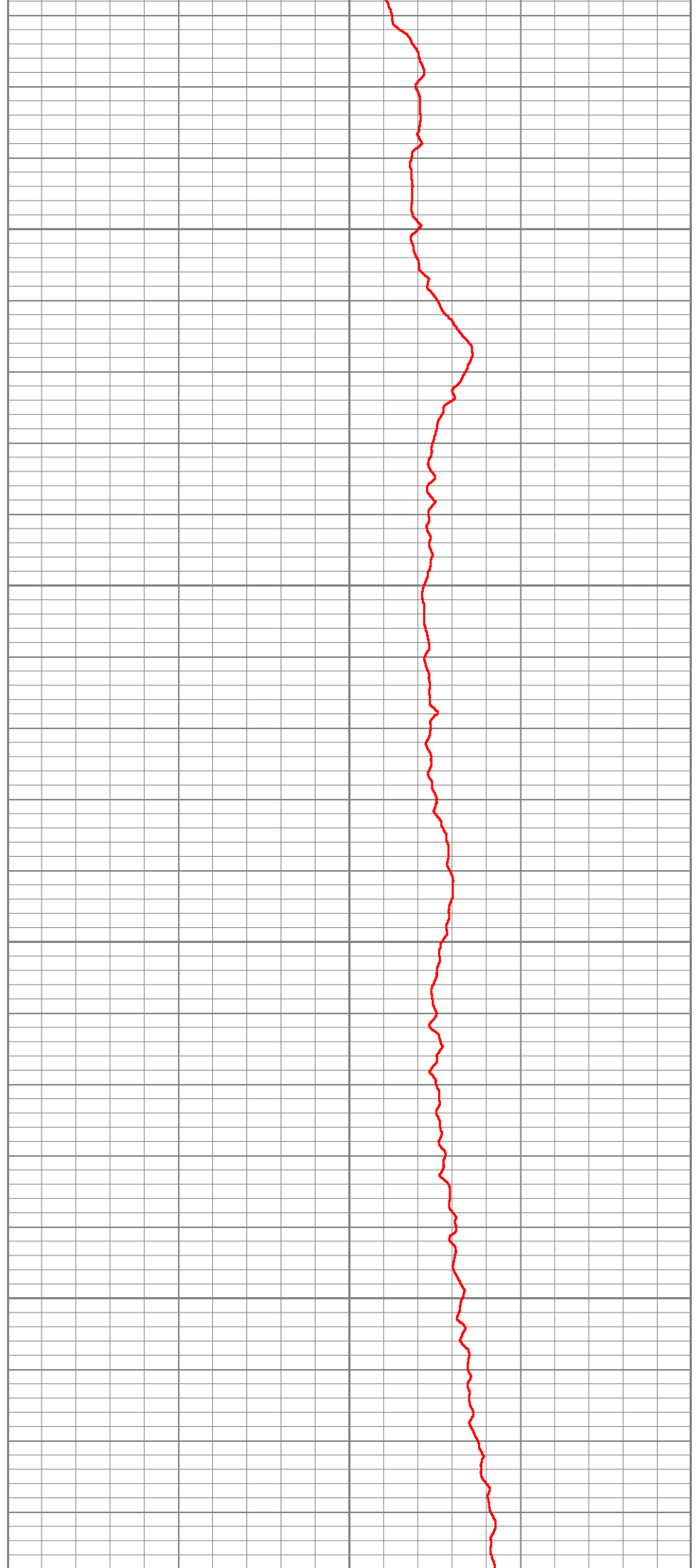
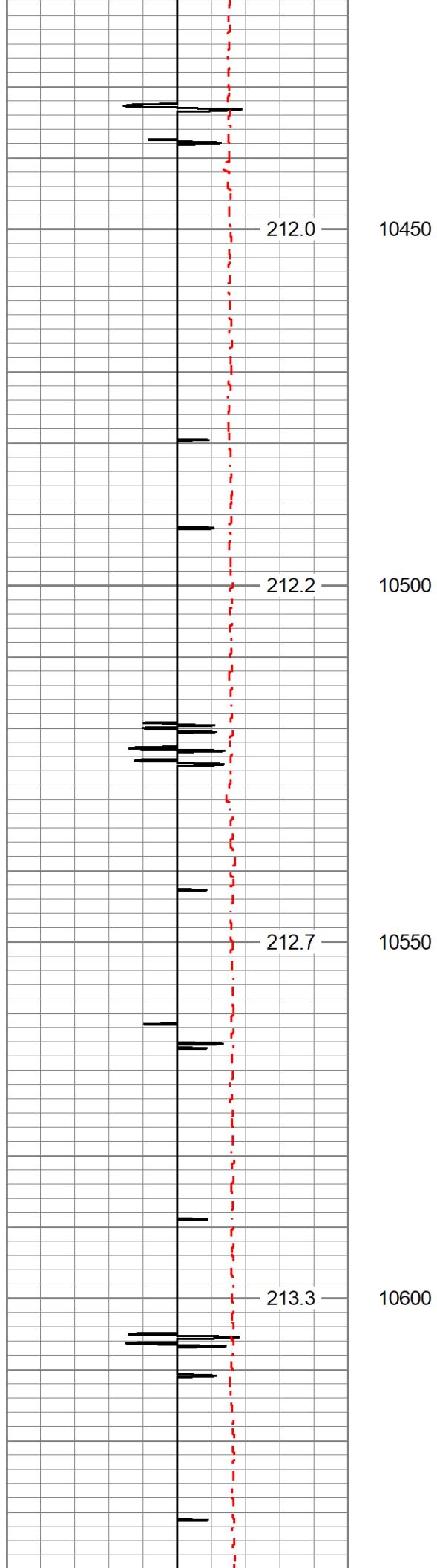


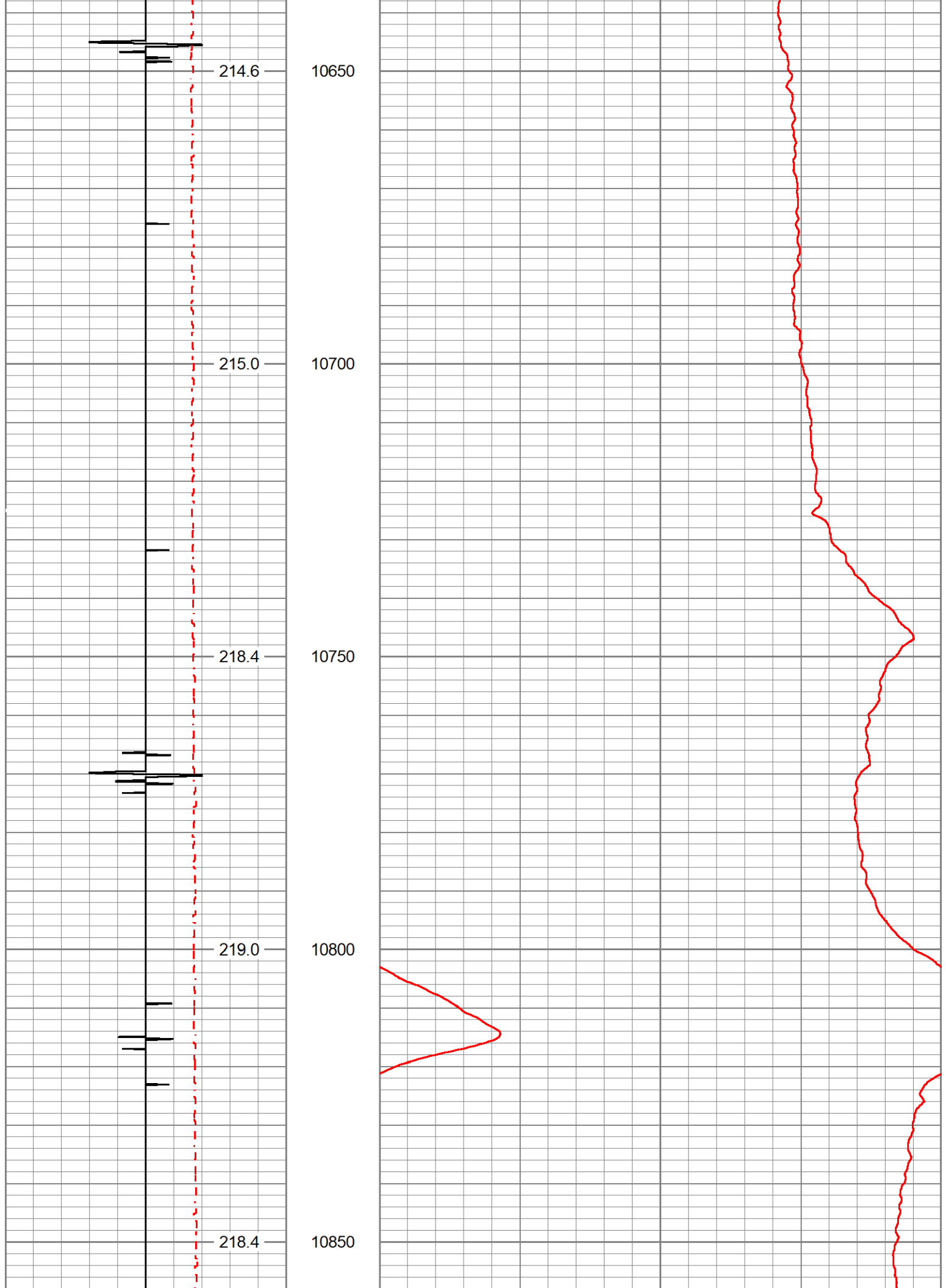


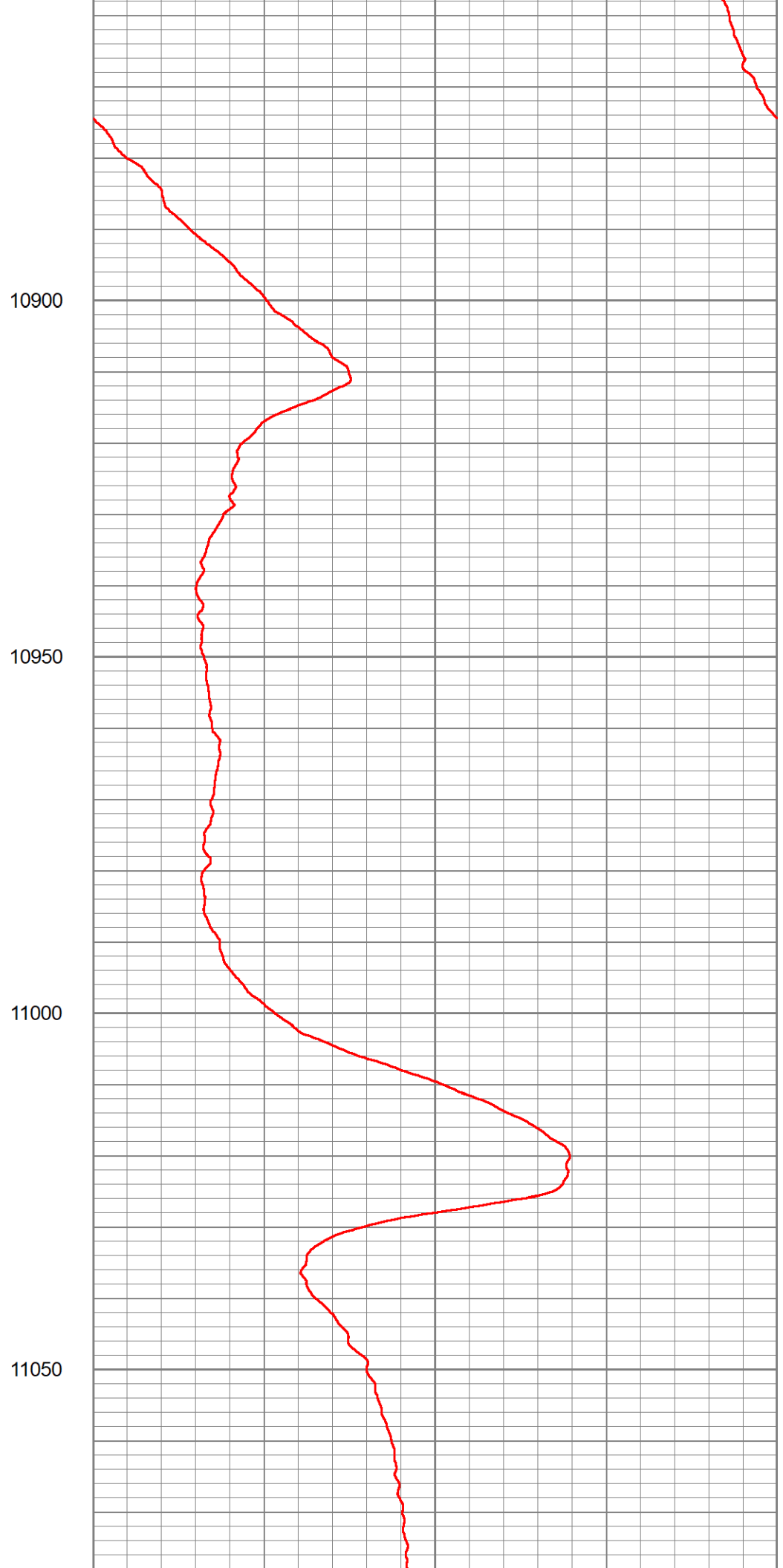
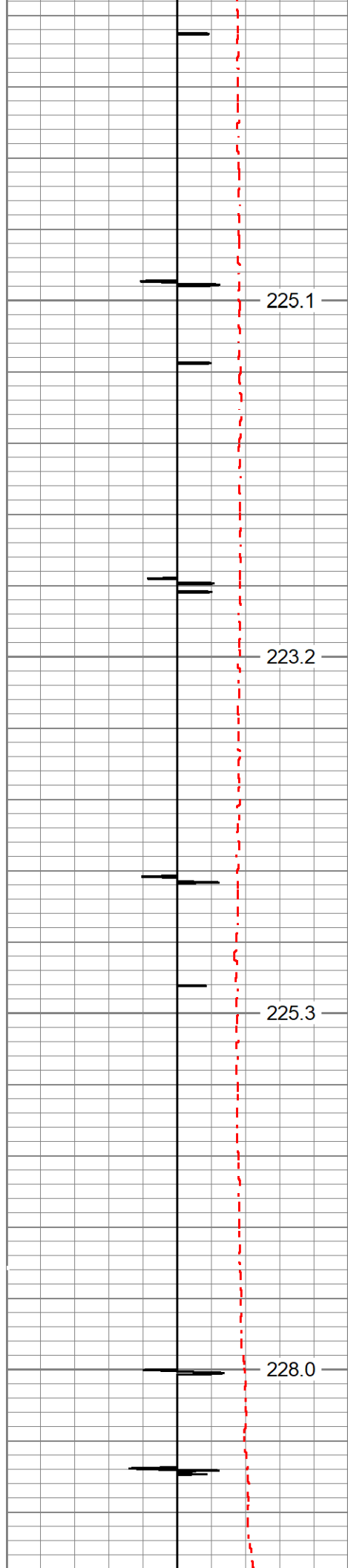


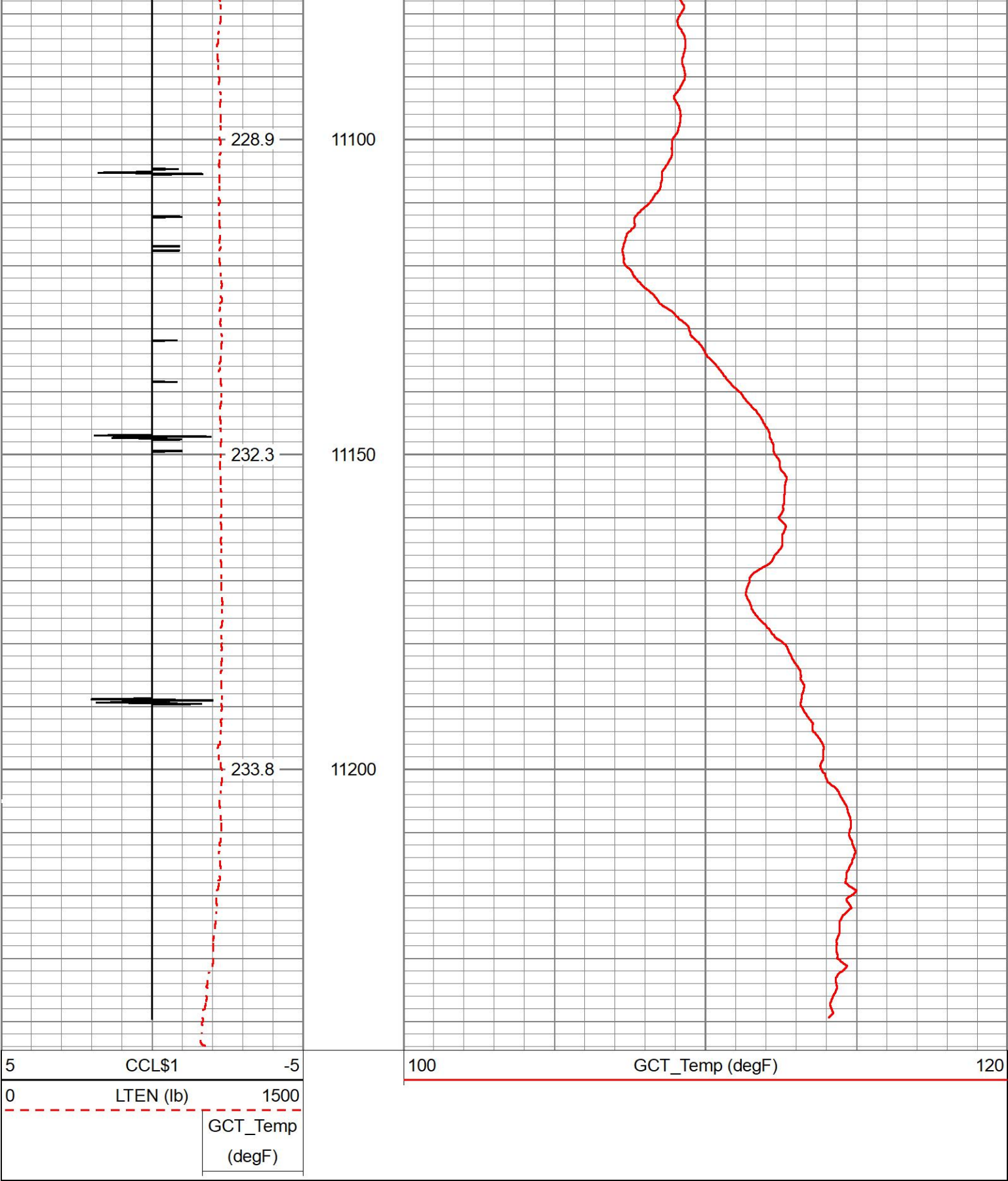
10200  
10250  
10300  
10350  
10400














Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_HV	5.72					
CCL\$2	4.72					
CCL\$1	4.72					

GCT_TEMP	3.84						
GR	3.04		GCacc-GCTacc_6-Pin-Base (110255) Probe 2.75" Gamma Ray - CCL w/ Temp and 6 Pin Bottom	5.00	2.75		
GCT_IntTemp	2.00						
GCT_ACCZ	0.33						
GCT_ACCY	0.33						
GCT_ACCX	0.33						
GCT_FMWR	0.00						
Error_Ct	0.00	Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00		
Dataset:		tep_fed wmc 332-20_temp_12-14-2022.db: field/well/run1/main					
Total length:		5.33 ft					
Total weight:		1.00 lb					
O.D.:		2.75 in					

Company	TEP Rocky Mountain LLC			
Well	Federal WMC 332-20			
Field	Rulison			
County	Garfield	State	Colorado	
		Temperature Casing Collar Log		