



Temperature
Casing Collar Log

Company		TEP Rocky Mountain LLC	
Well		Federal WMC 512-20	
Field		Rulison	
County		Garfield	
State		Colorado	
Location:		API # : 05-045-24487	
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	14-OCT-2022		
Run Number	One		
Depth Driller	11410 FT		
Depth Logger	11311 FT		
Bottom Logged Interval	11311 FT		
Top Log Interval	Surface		
Open Hole Size	8.75"		
Type Fluid	Water		
Density / Viscosity	8.34 Lb/Gal		
Max. Recorded Temp.	222°F		
Estimated Cement Top	6960 FT		
Time Well Ready	ROA		
Time Logger on Bottom	8:46		
Equipment Number	8047		
Location	Grand Junction		
Recorded By	P. Edwards		
Witnessed By	S. Bungamer		
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!

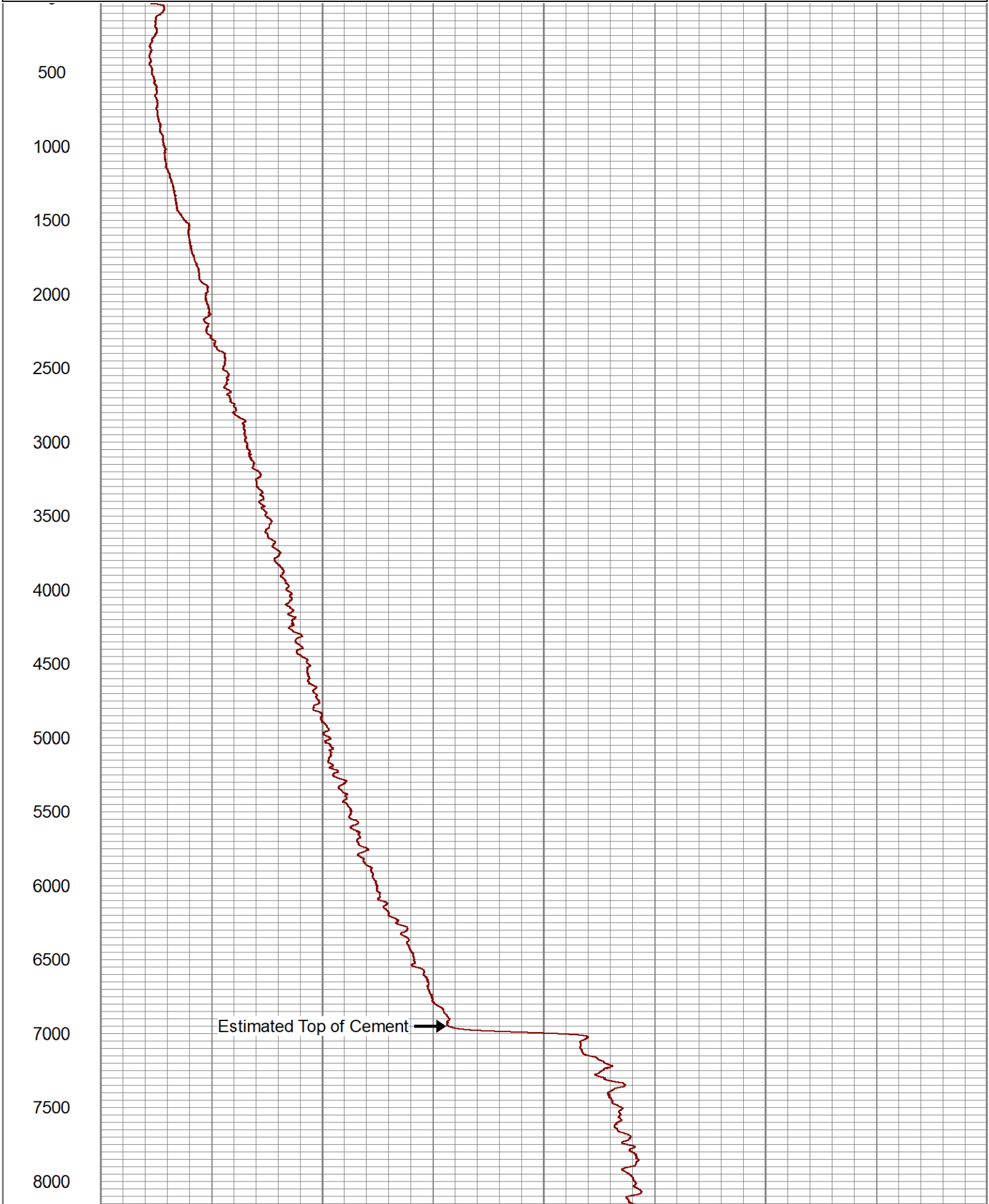


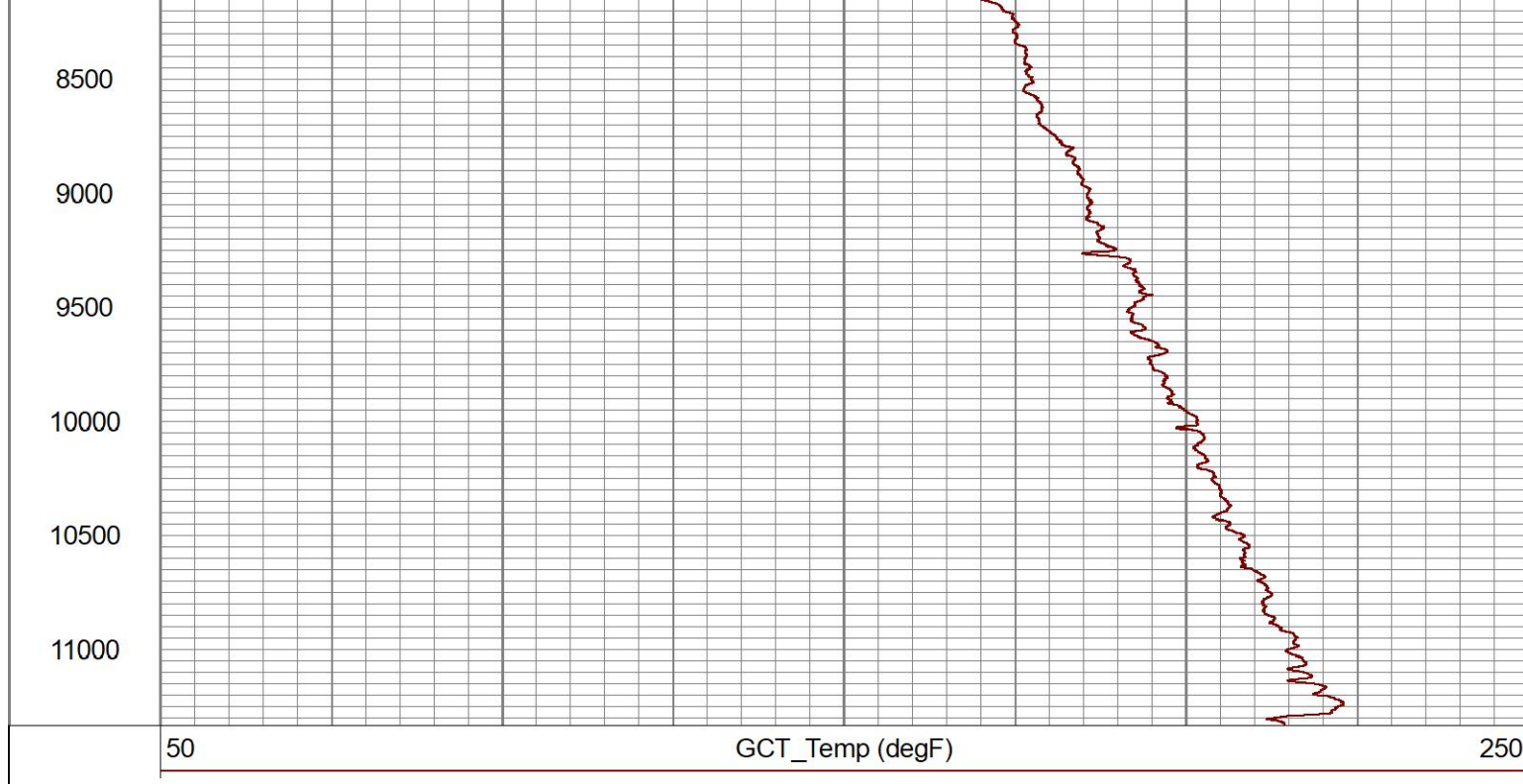
Main Pass (Quick Look)

50

GCT_Temp (degF)

250



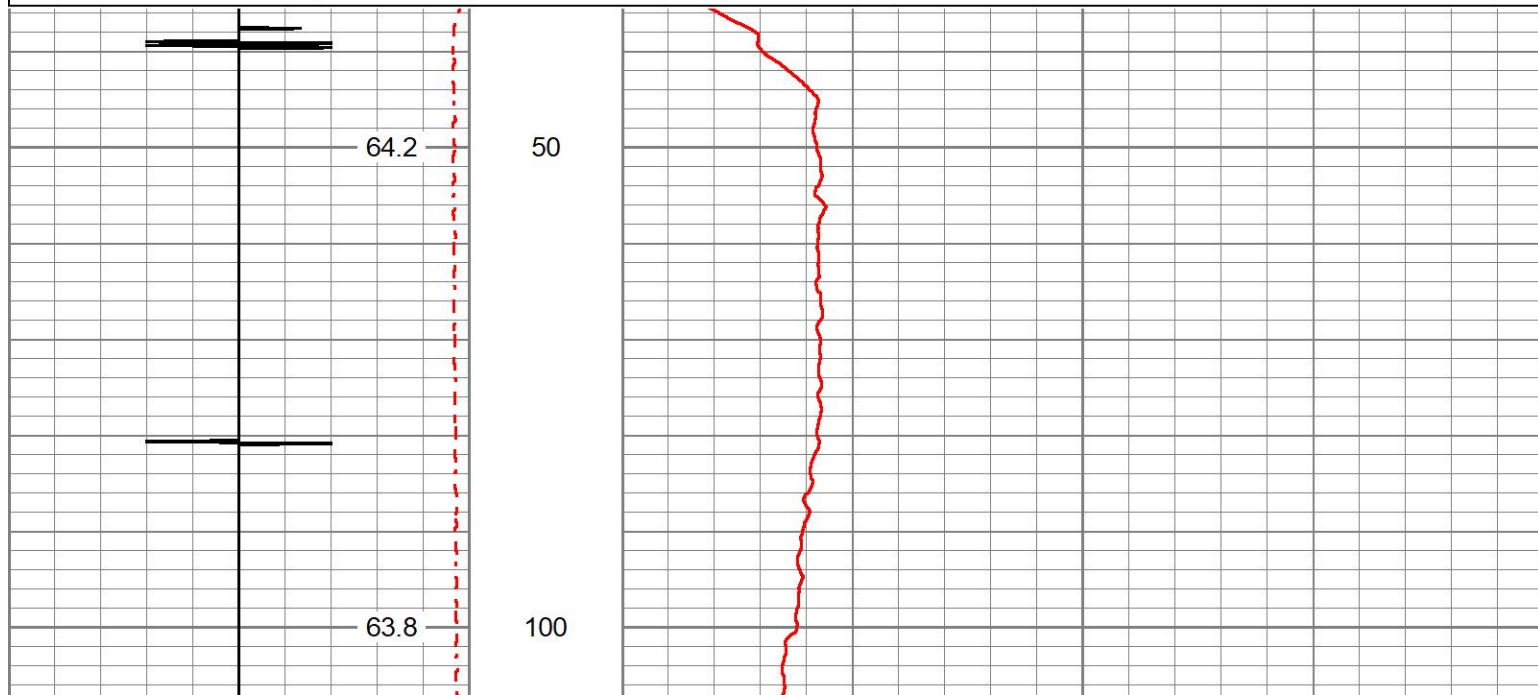


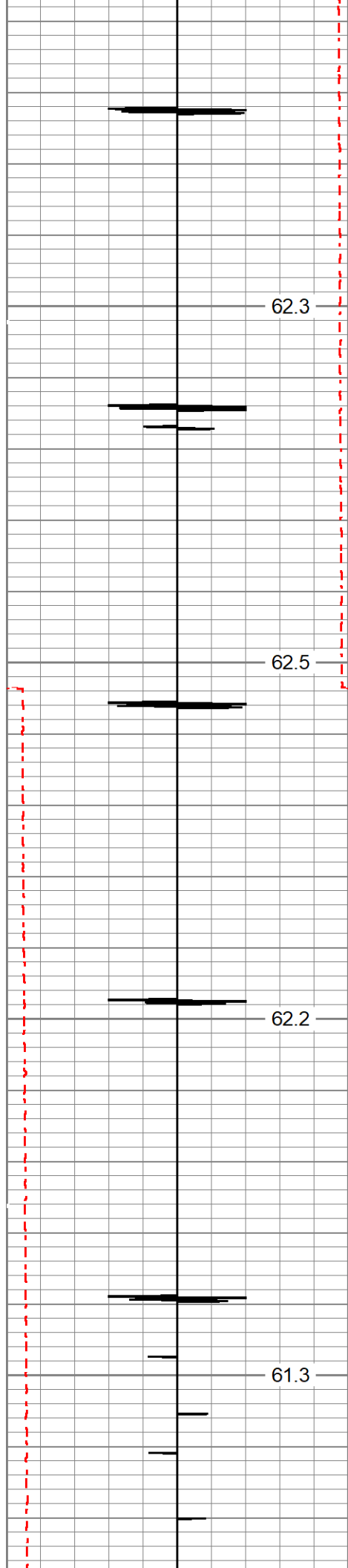


Main Pass

Database File	tep_fed_wmc_512-20_temp_10-14-22.db
Dataset Pathname	main
Presentation Format	gct_tmp
Dataset Creation	Fri Oct 14 08:04:22 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)	



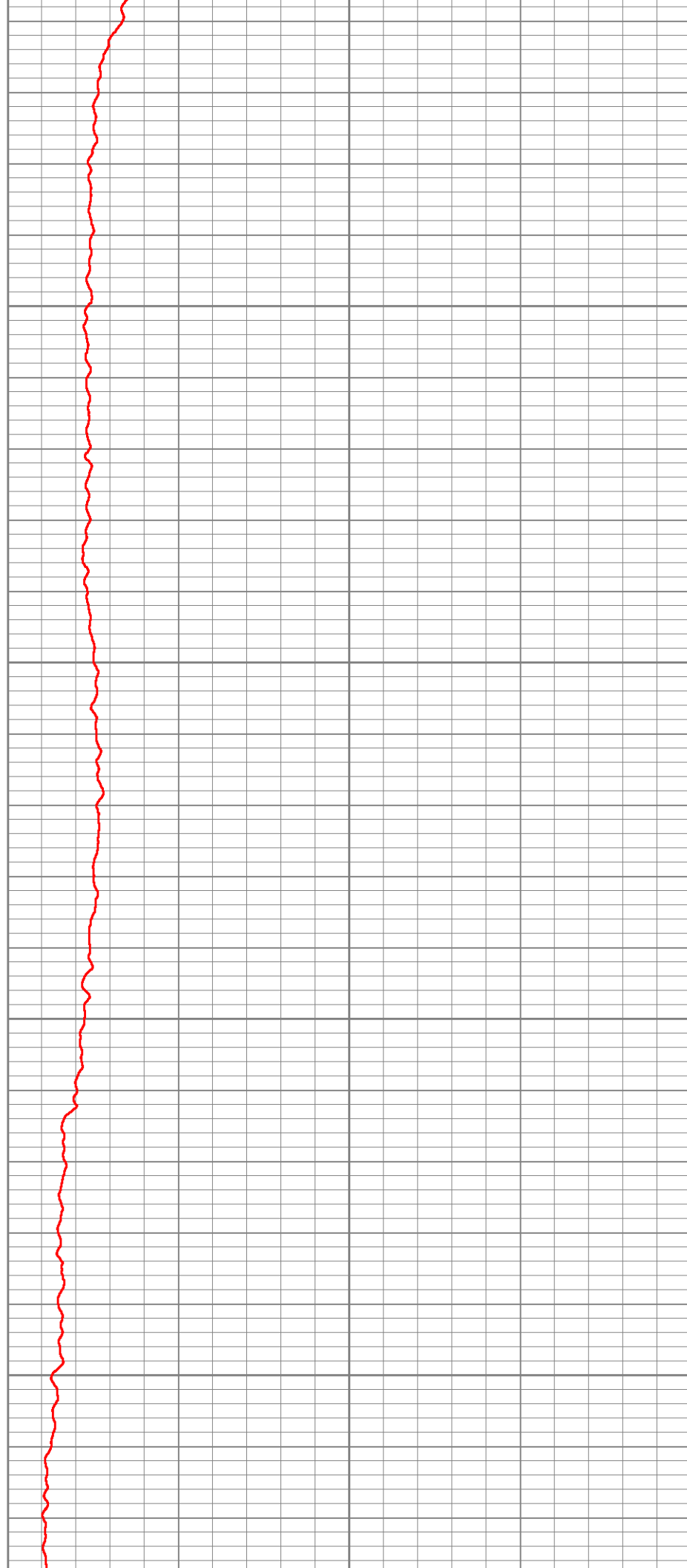


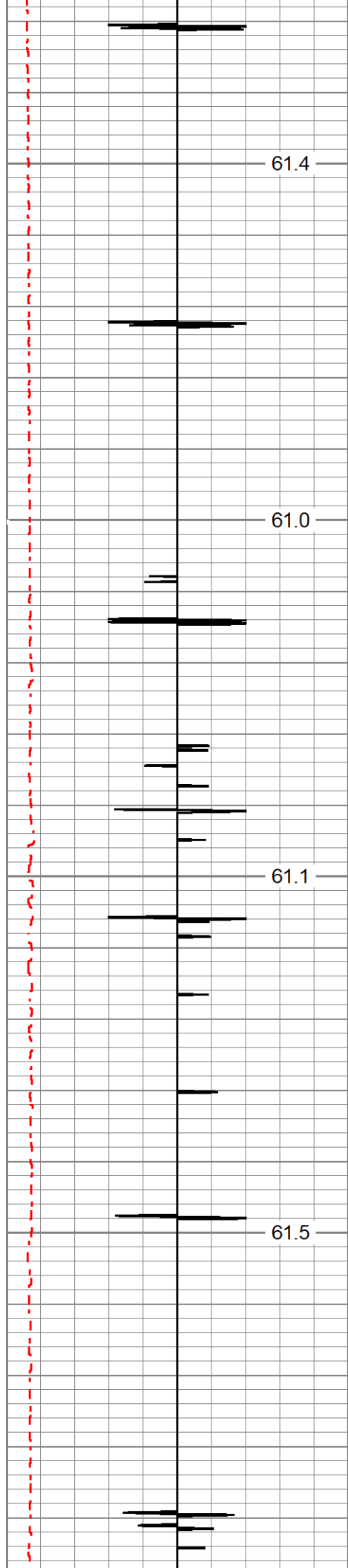
150

200

250

300



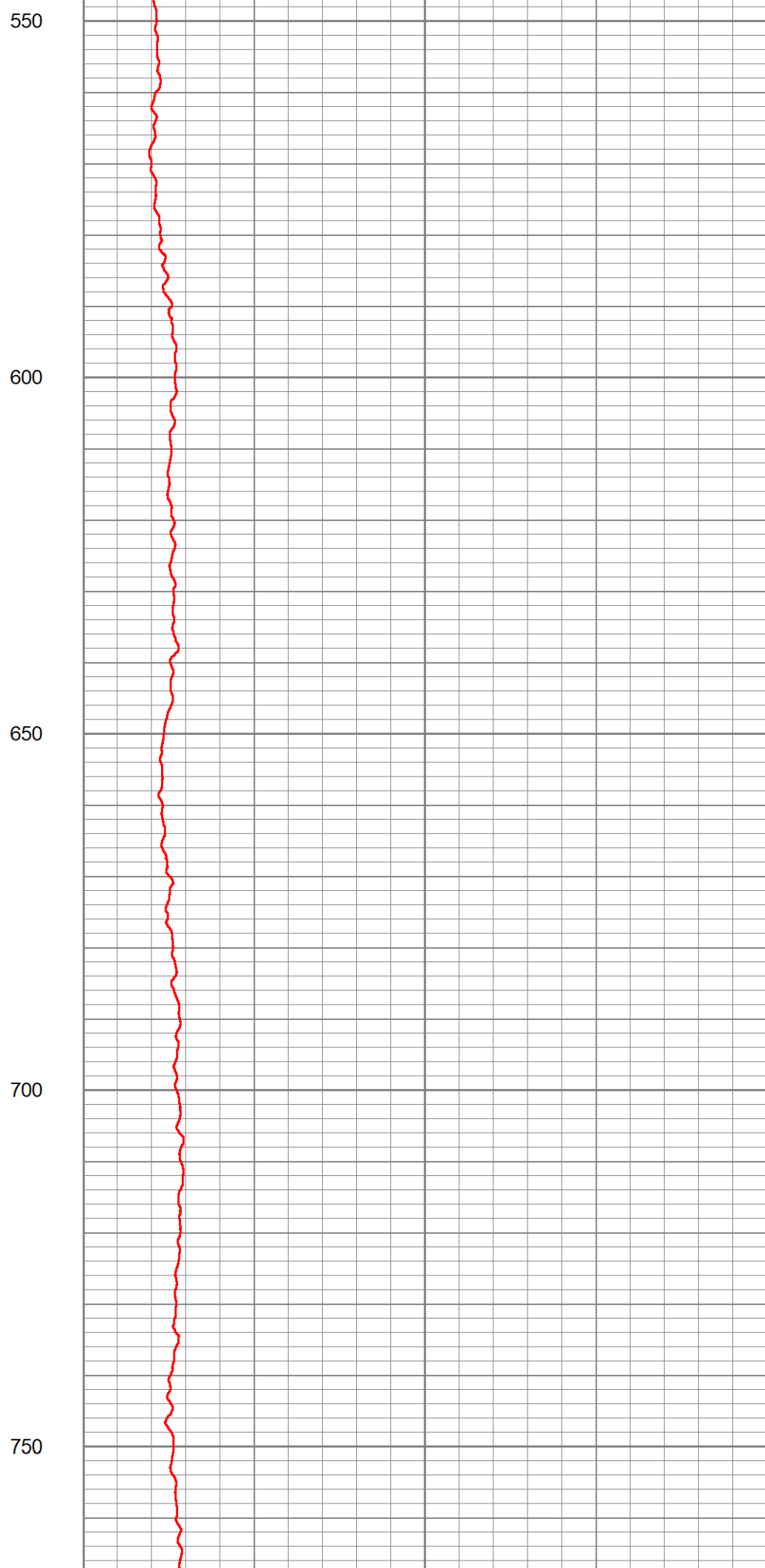
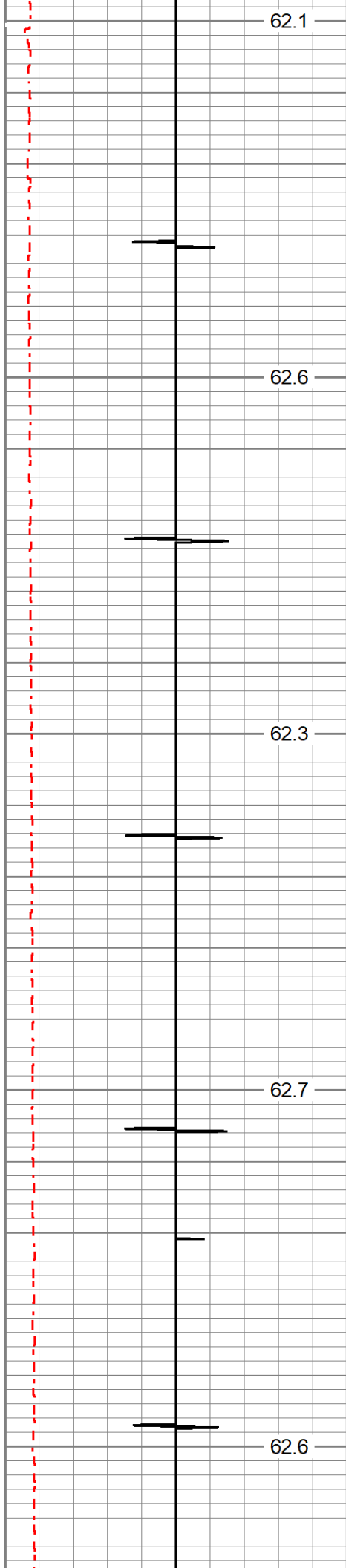


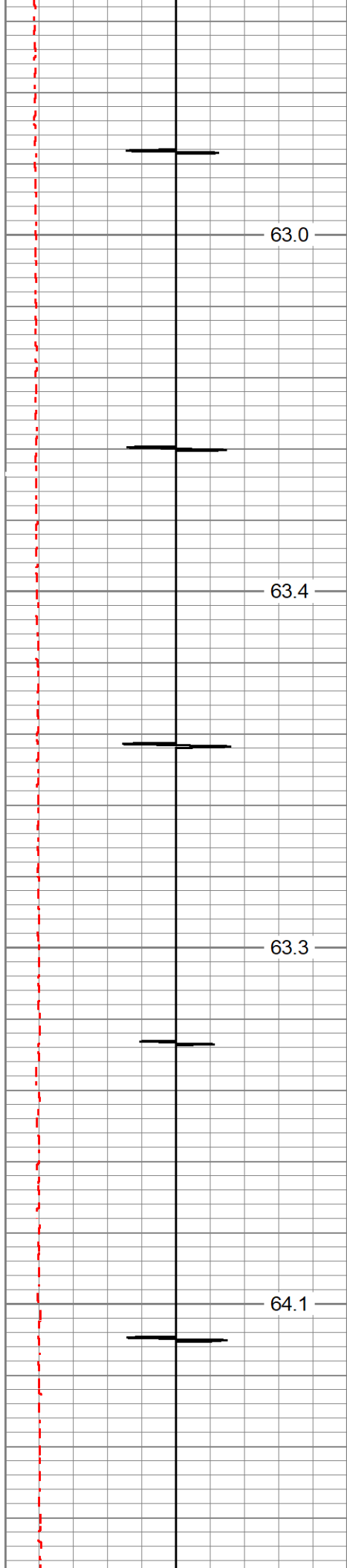
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400

450

500



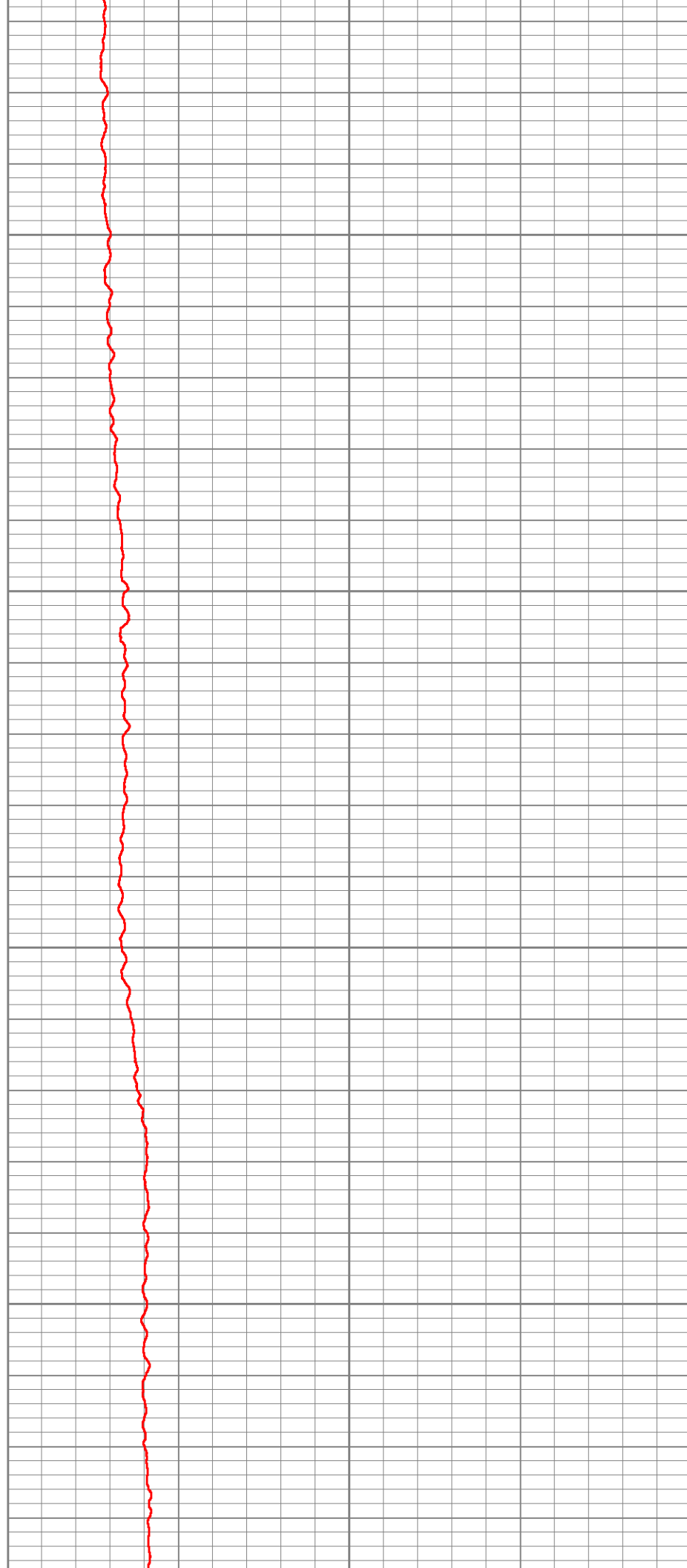


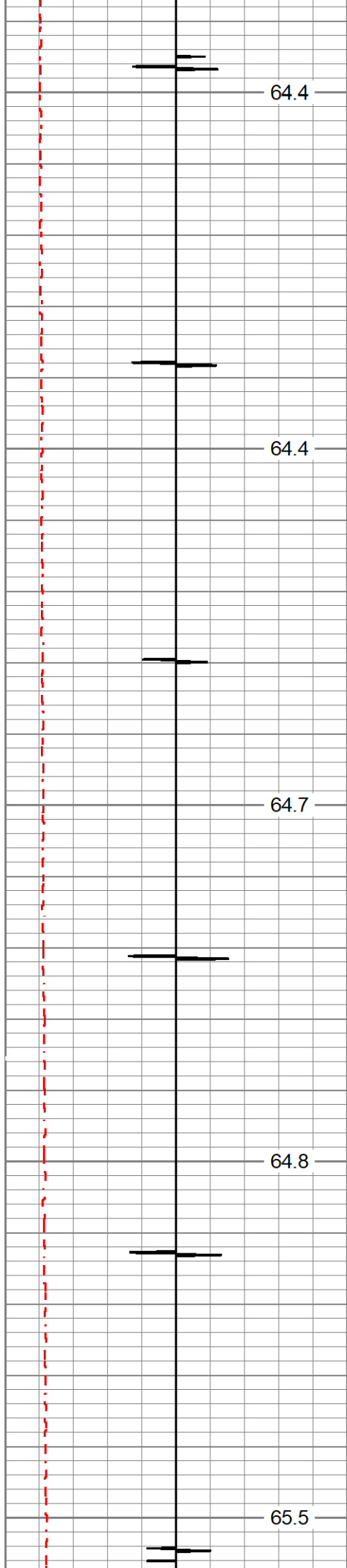
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850

900

950





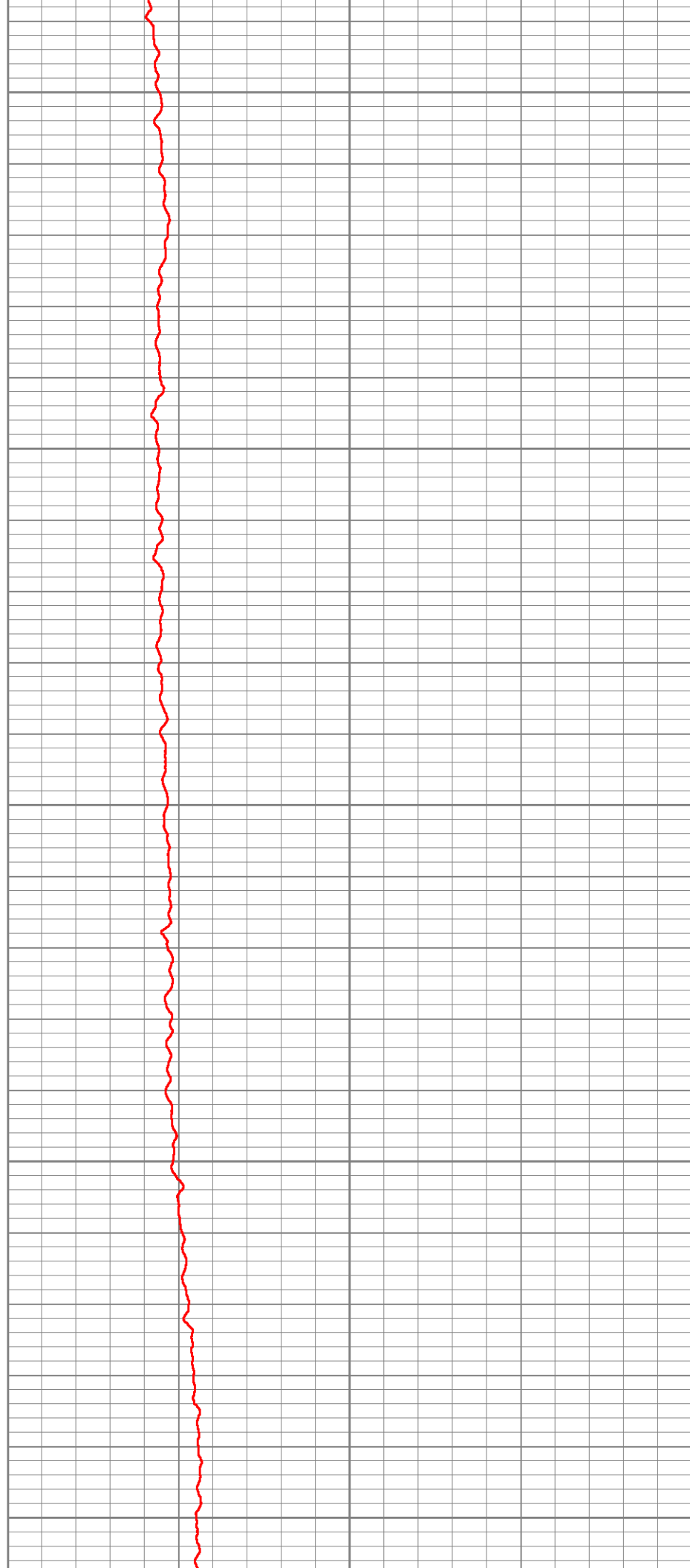
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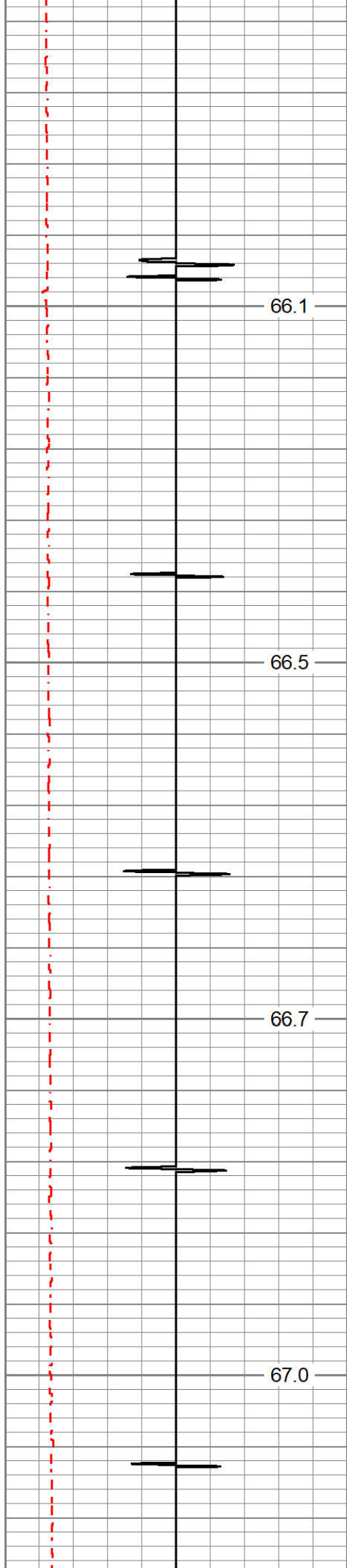
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1100

1150

1200



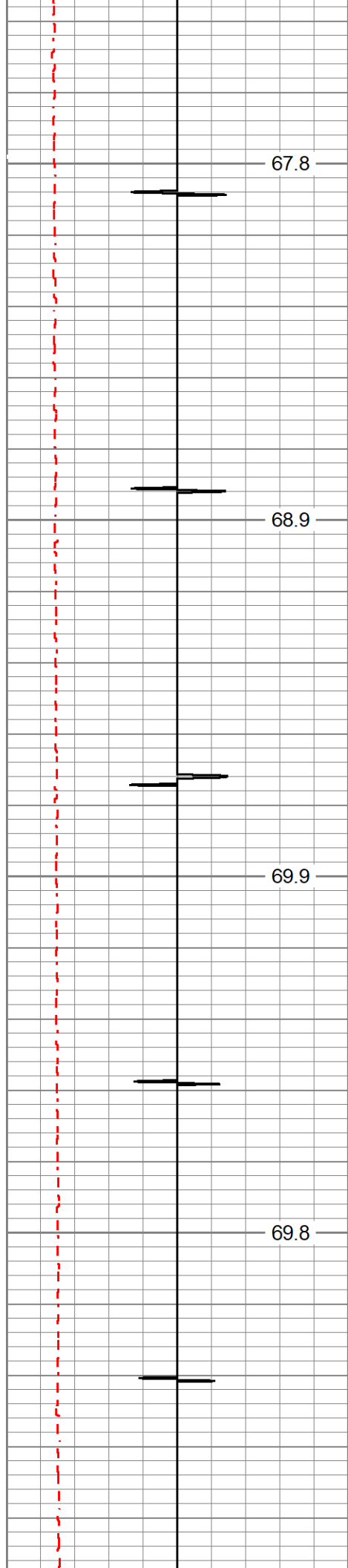


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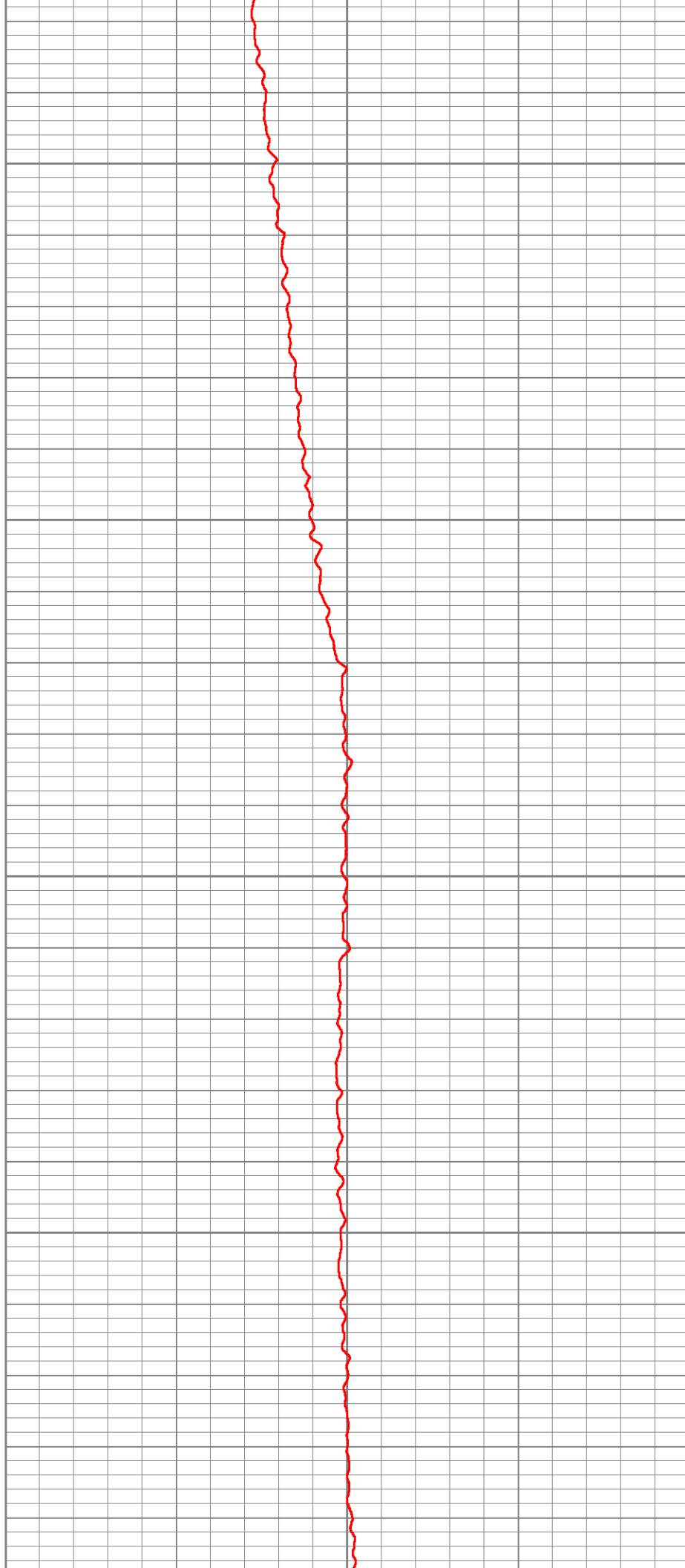


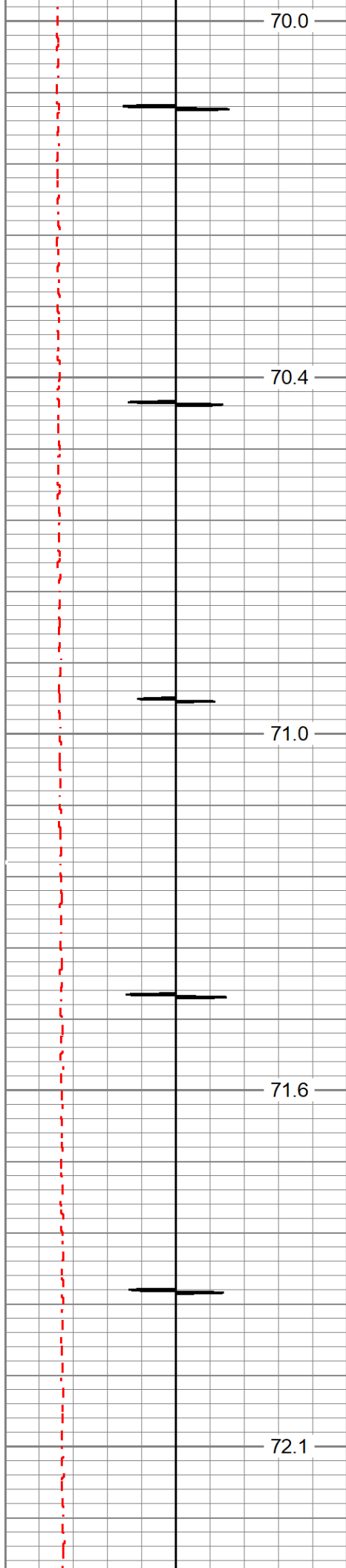
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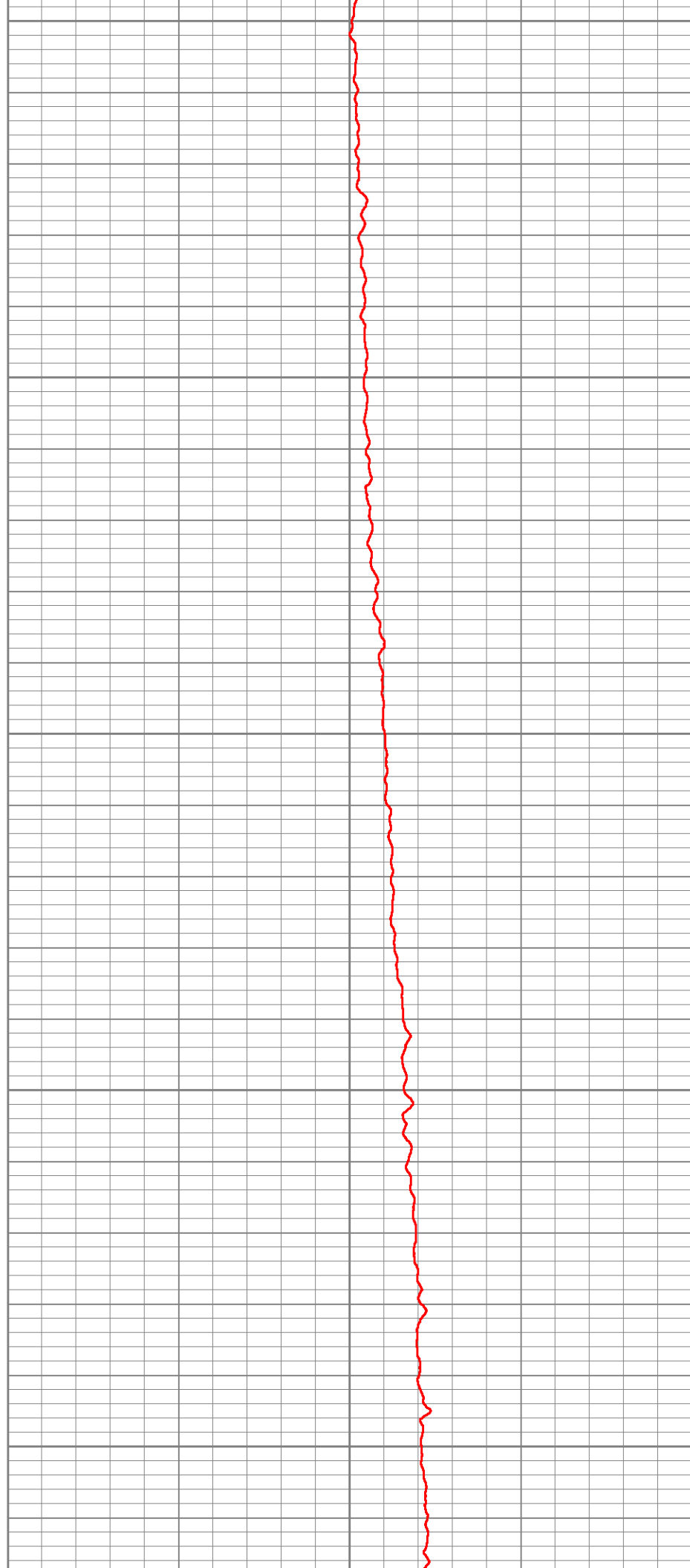
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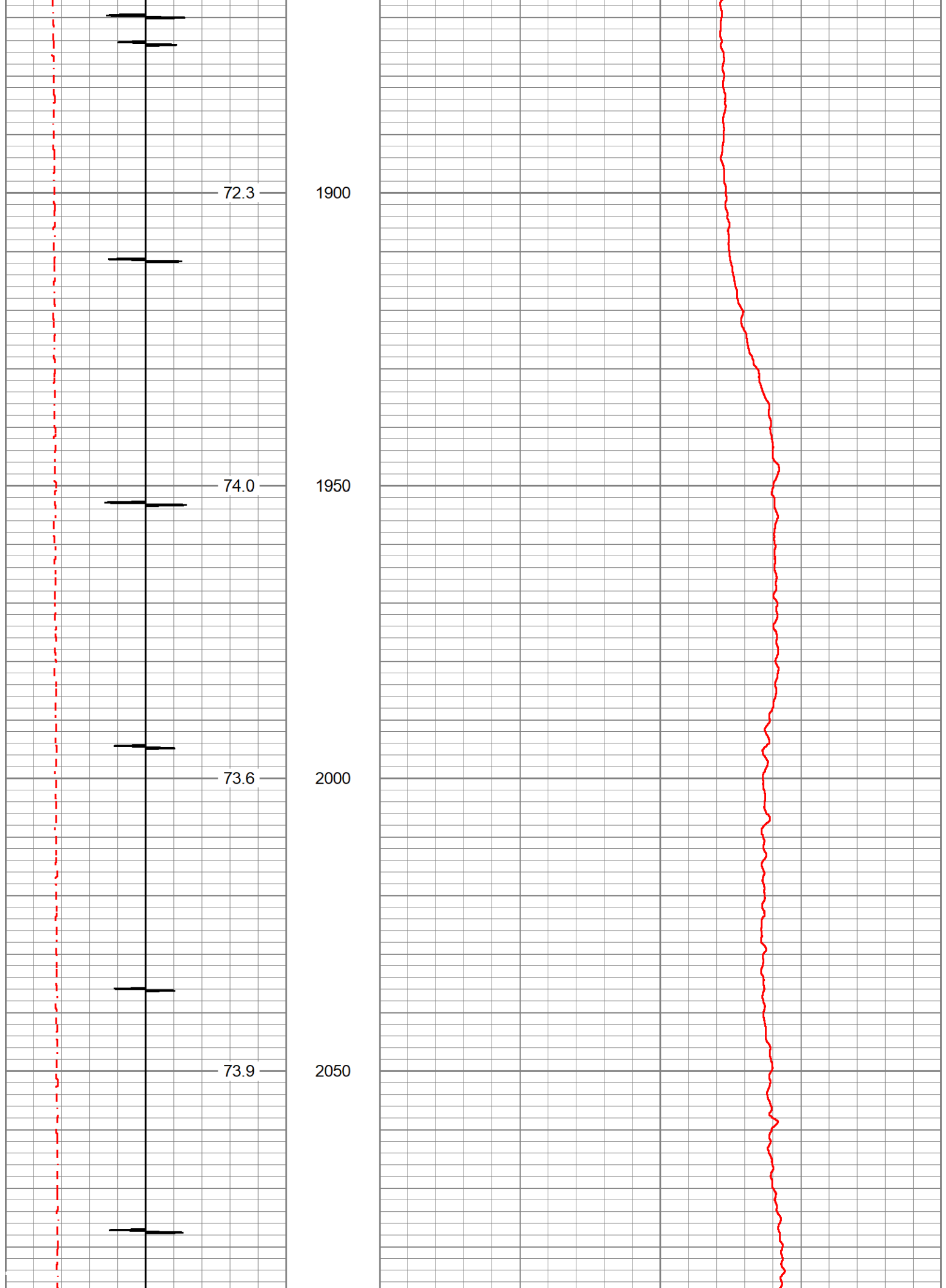
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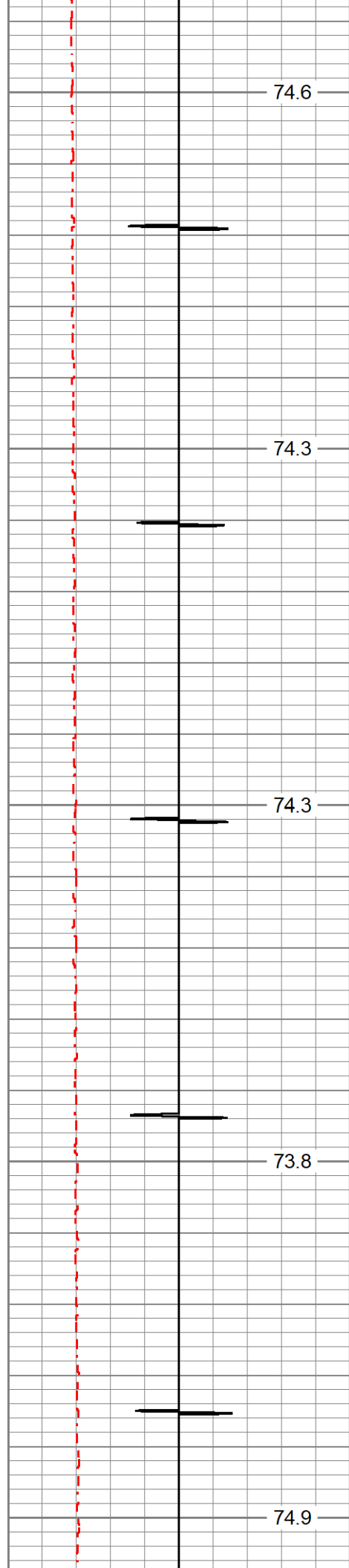
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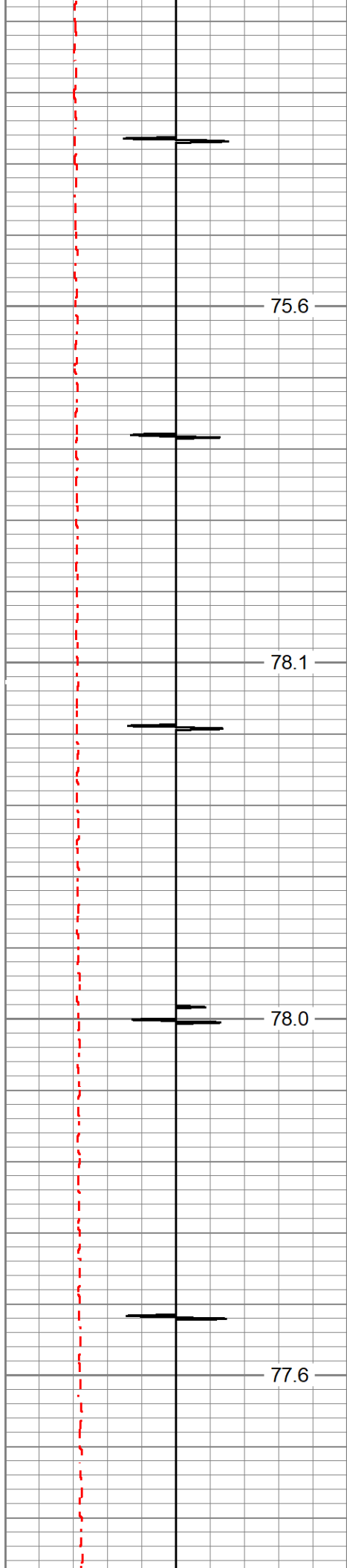
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2250

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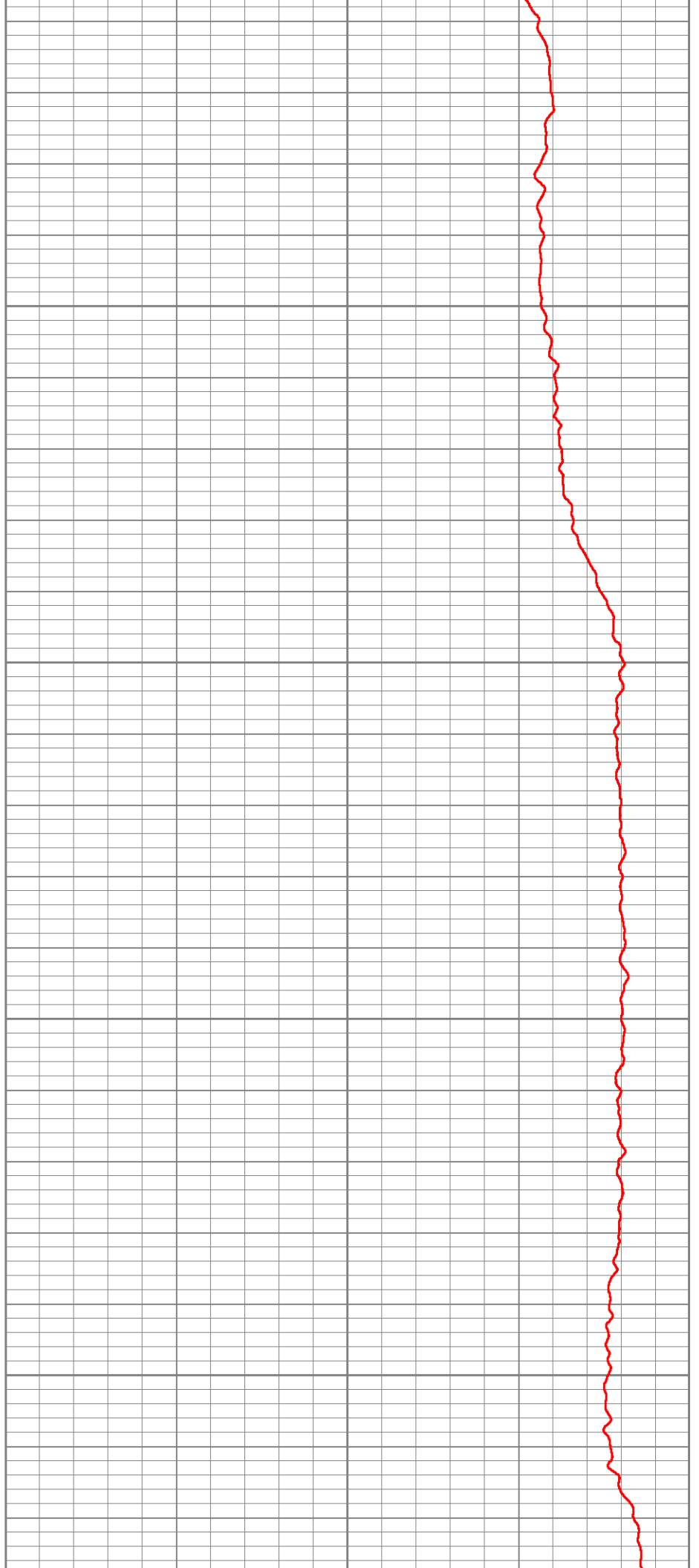


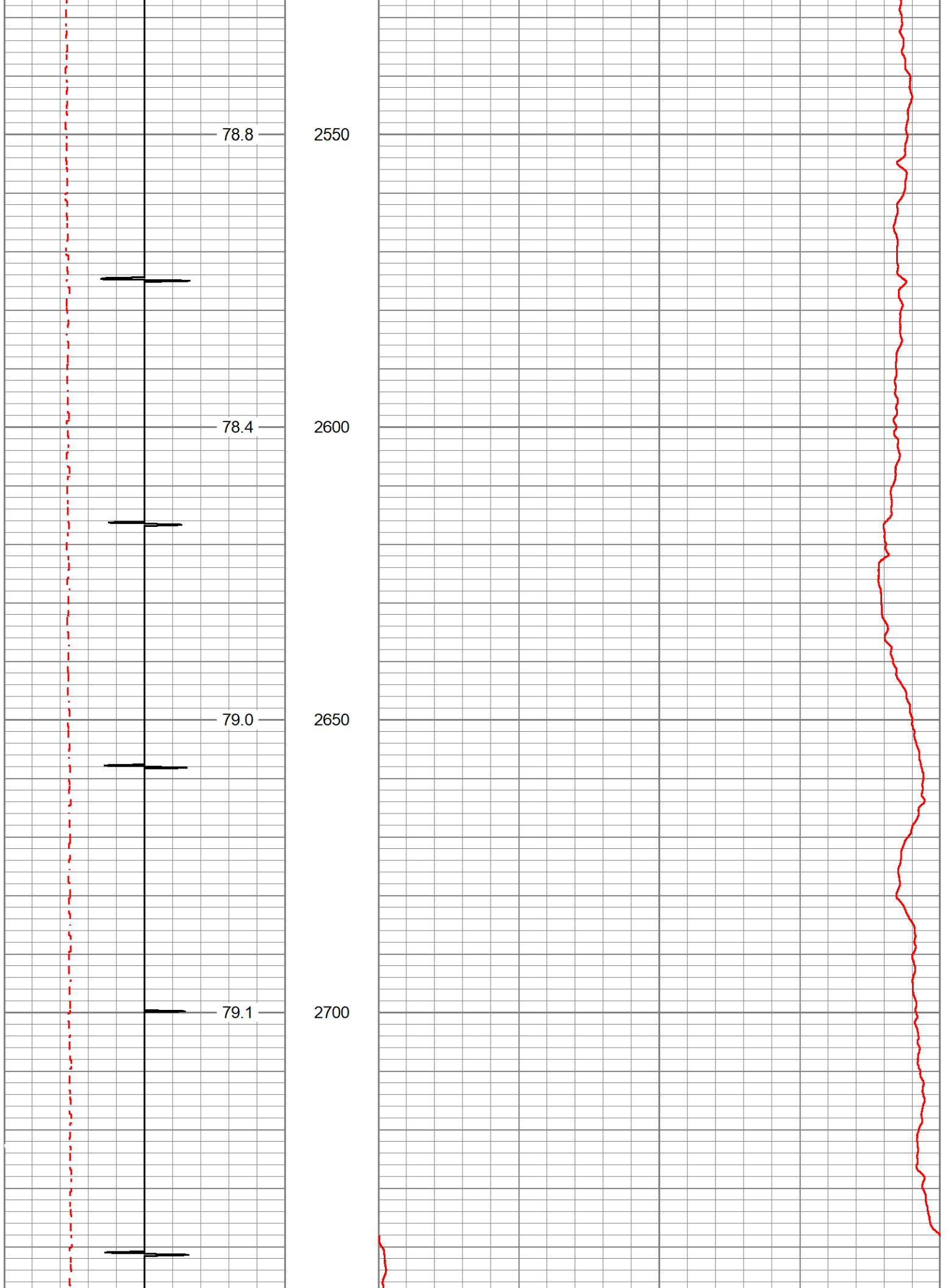
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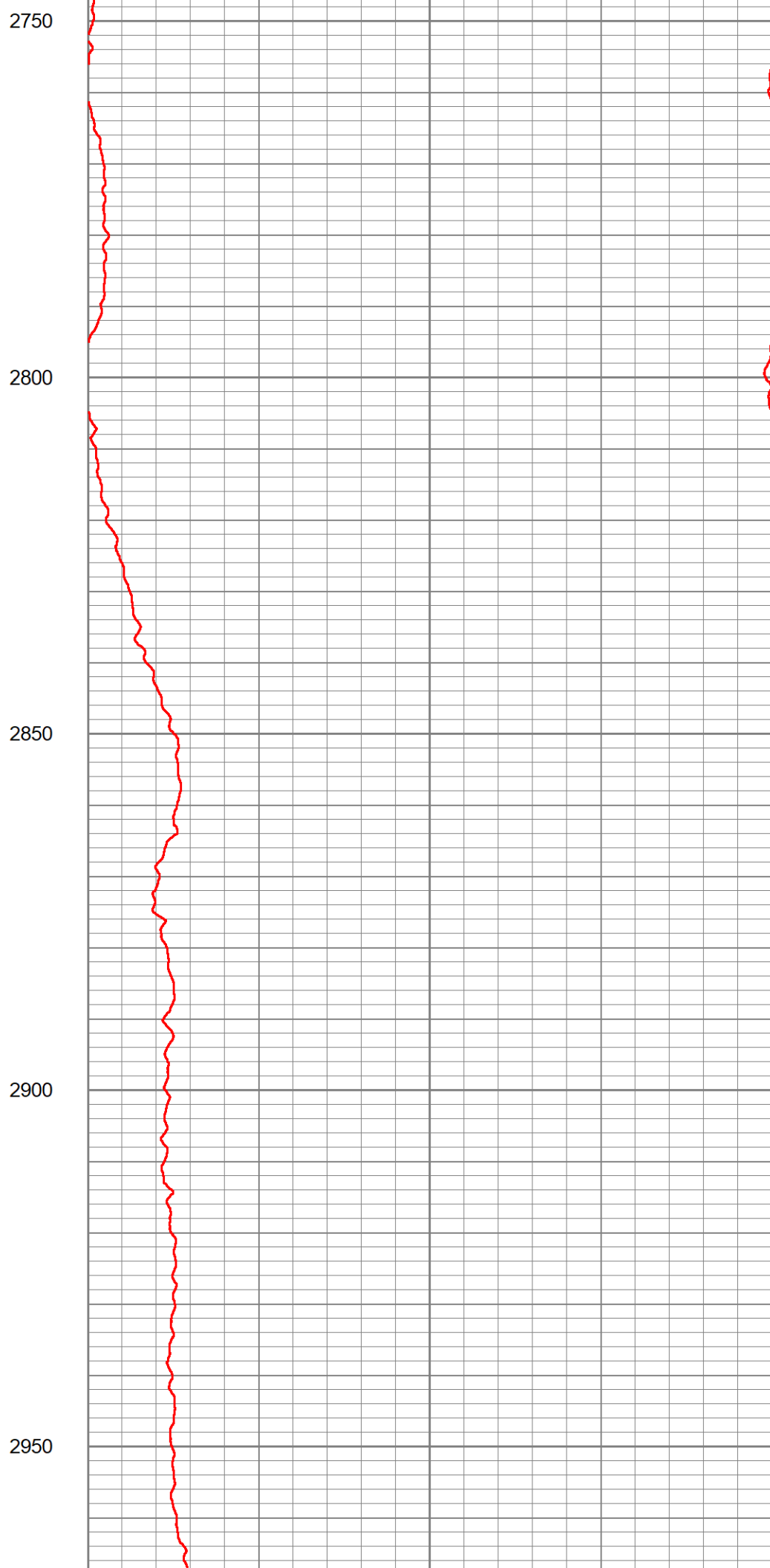
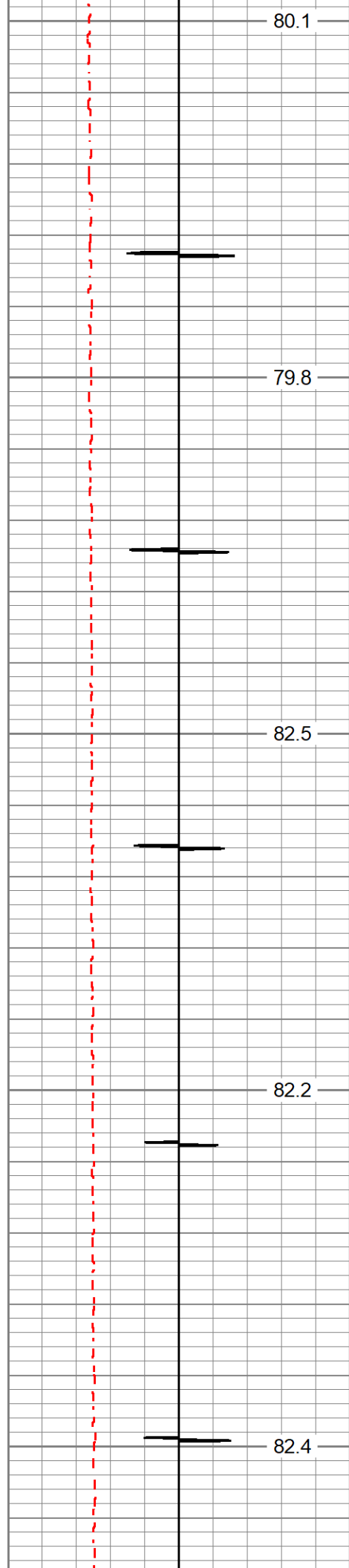
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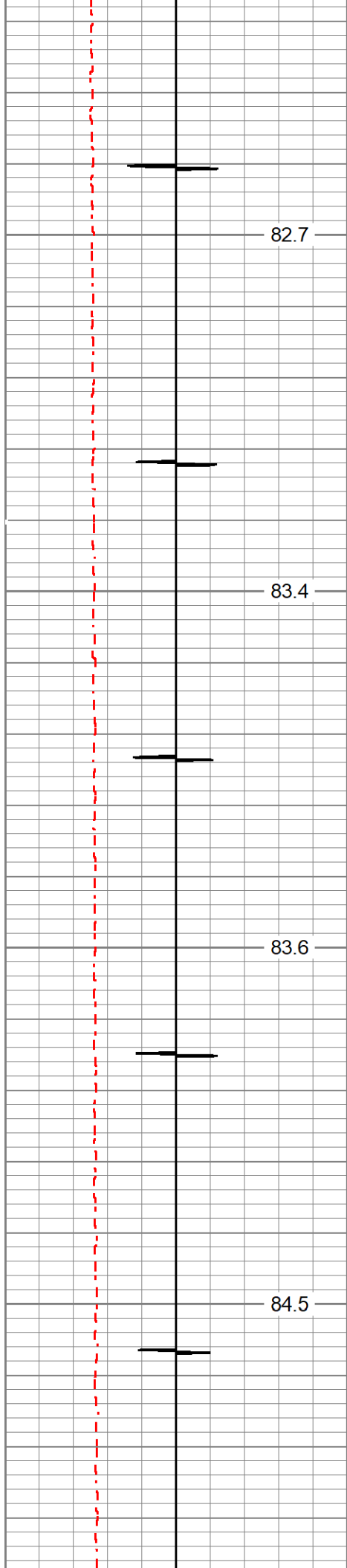
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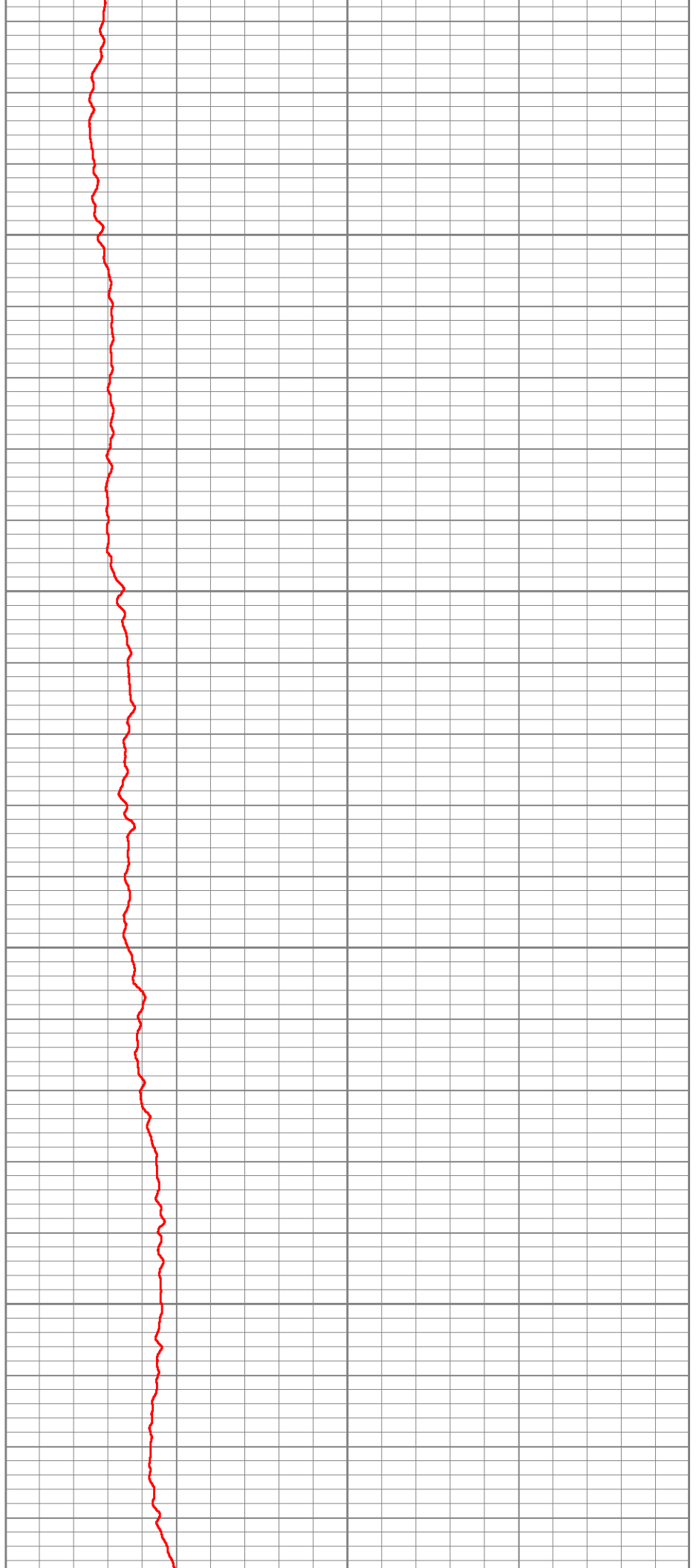


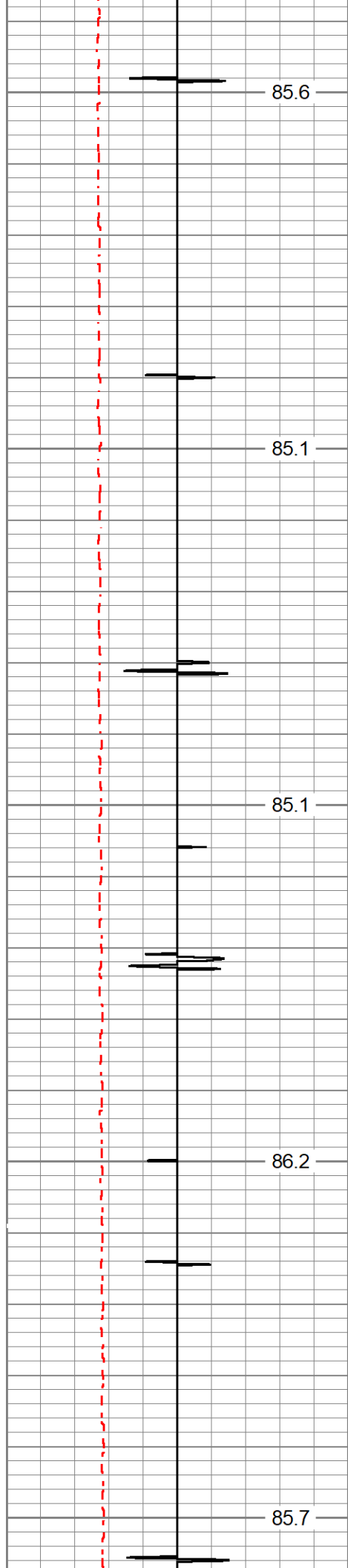
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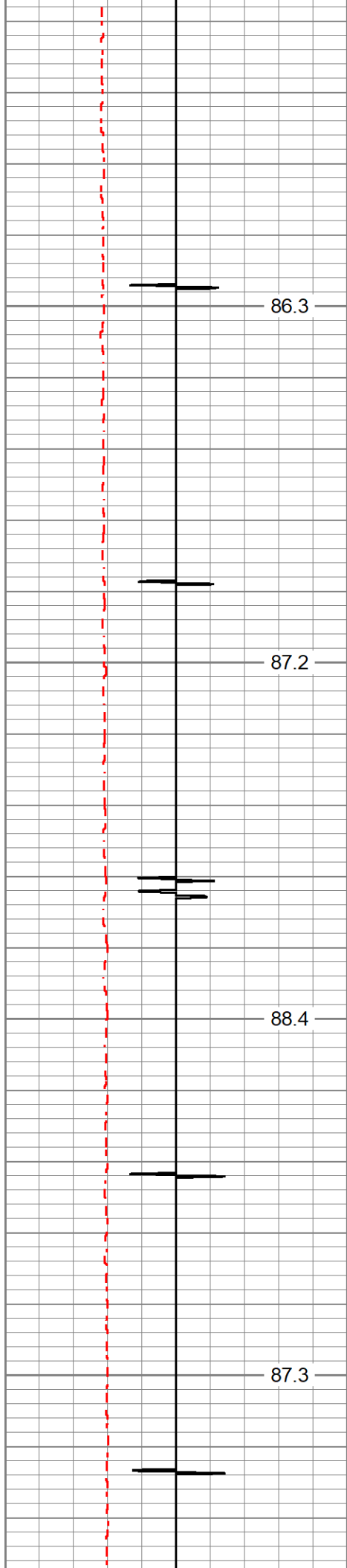
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3350

3400



86.3

87.2

88.4

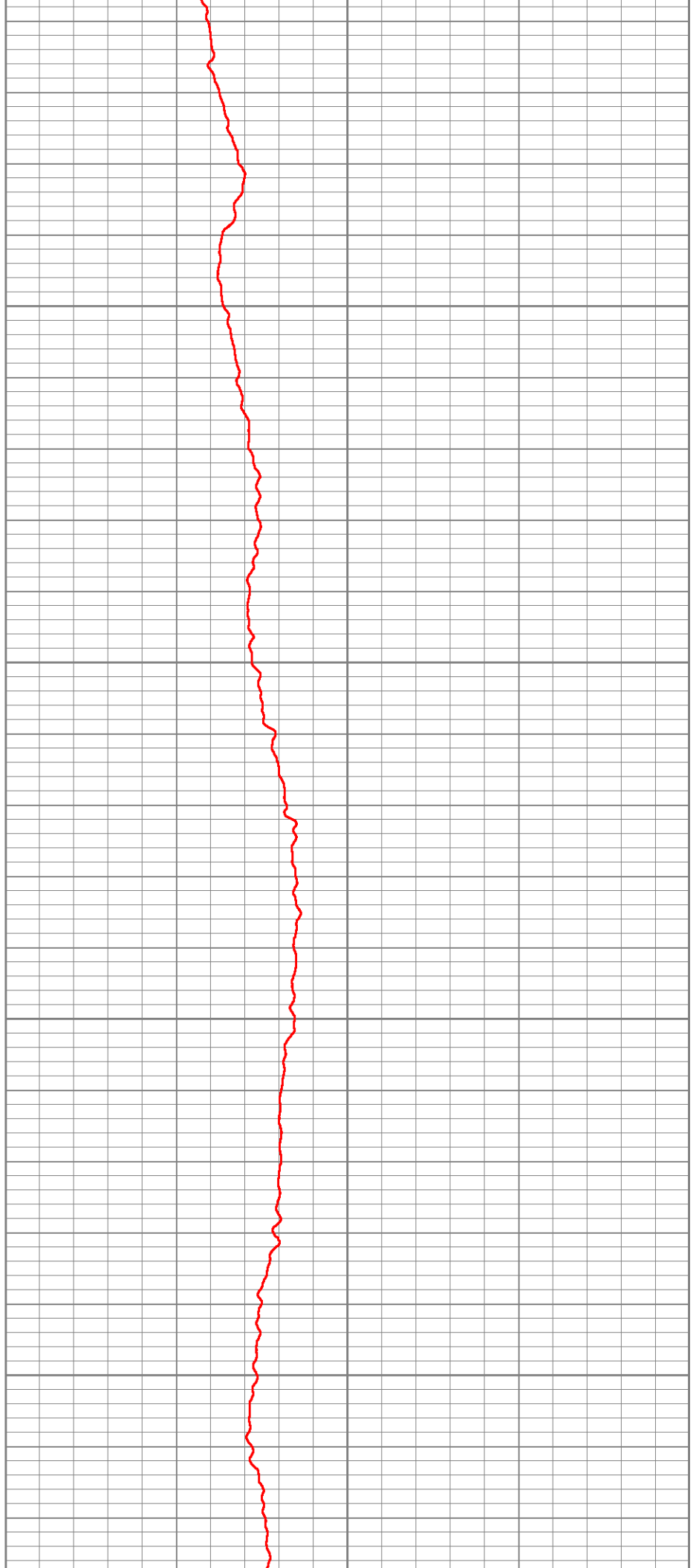
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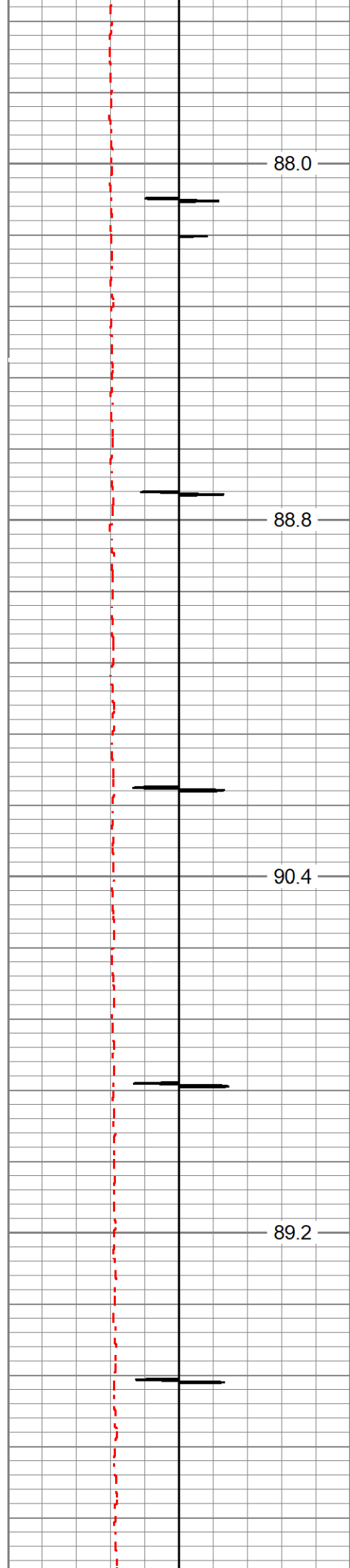
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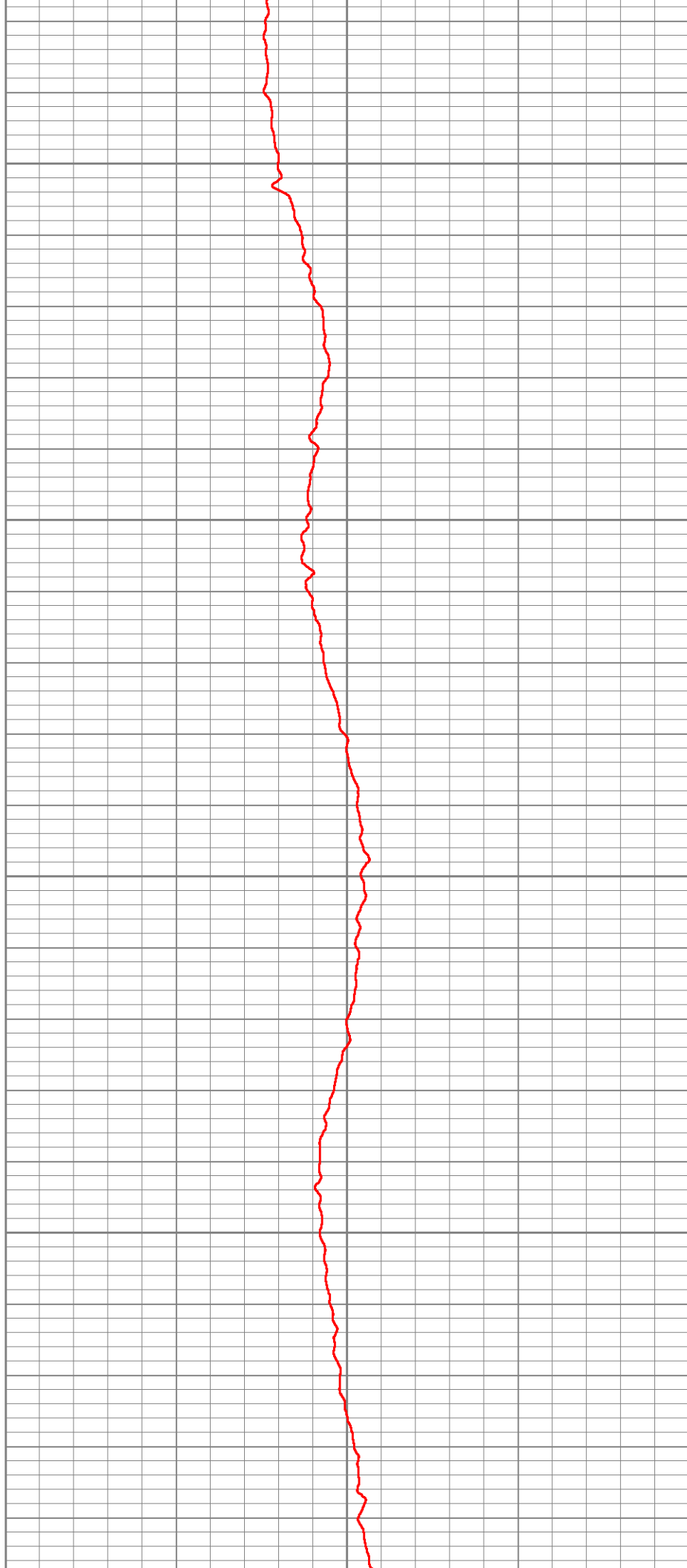


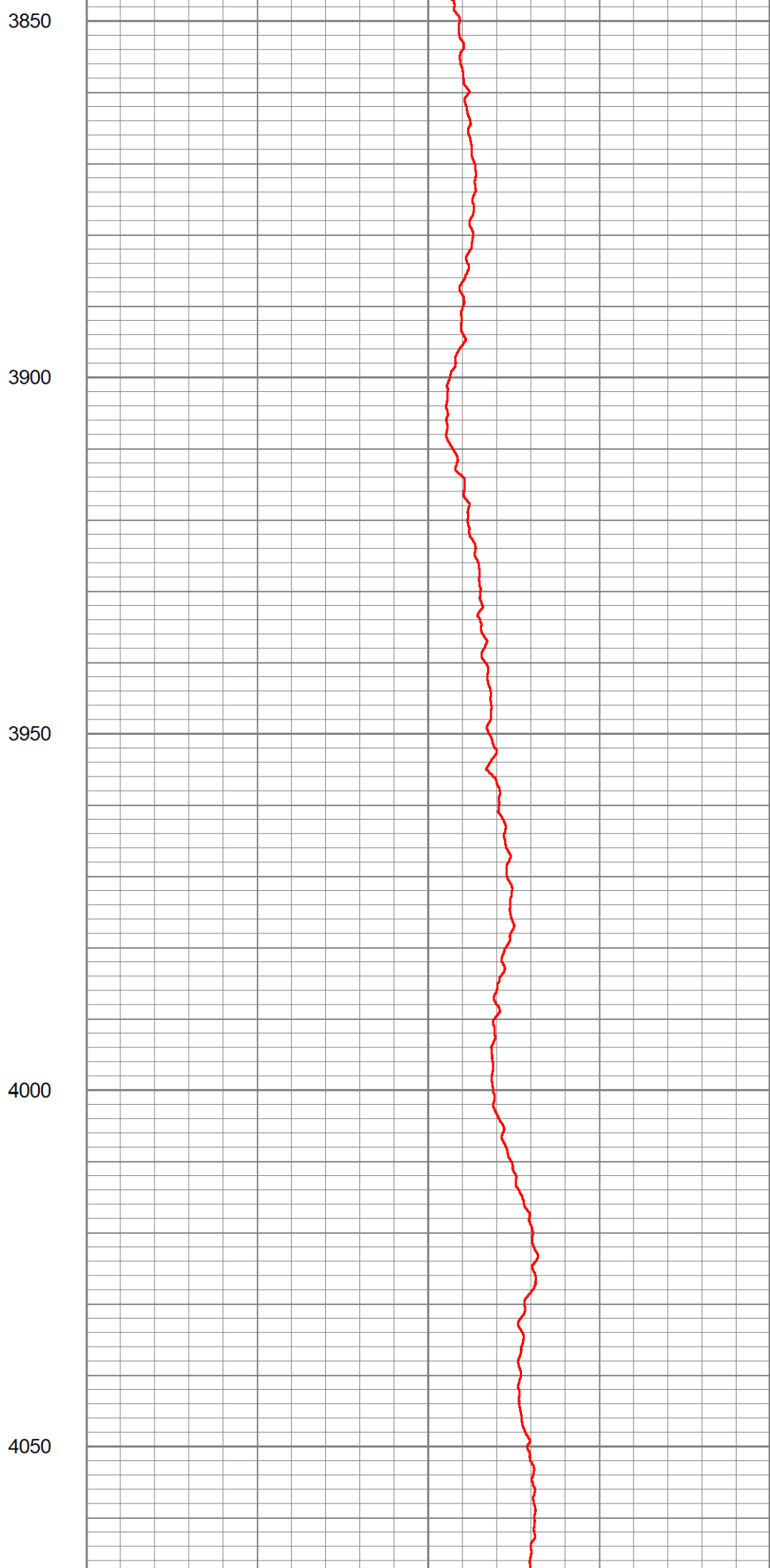
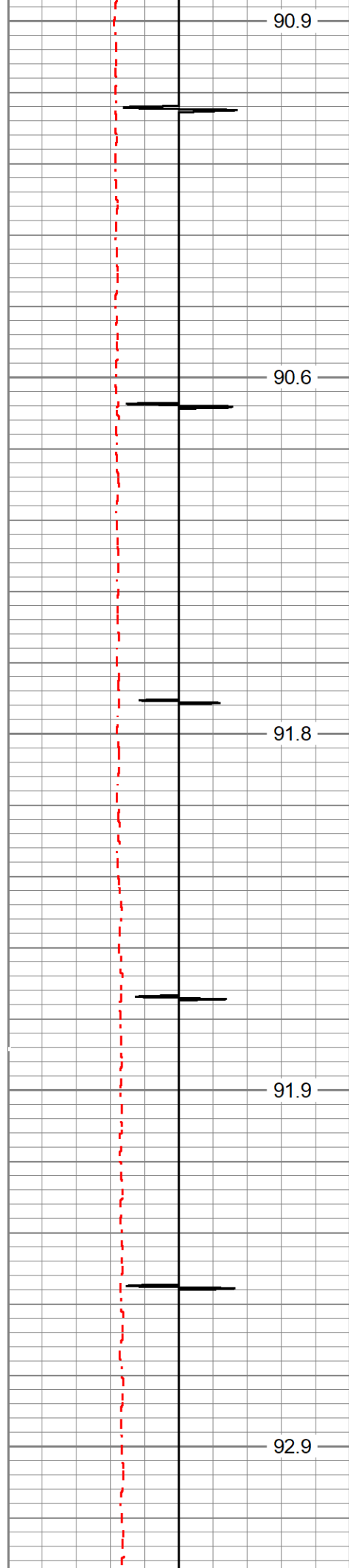
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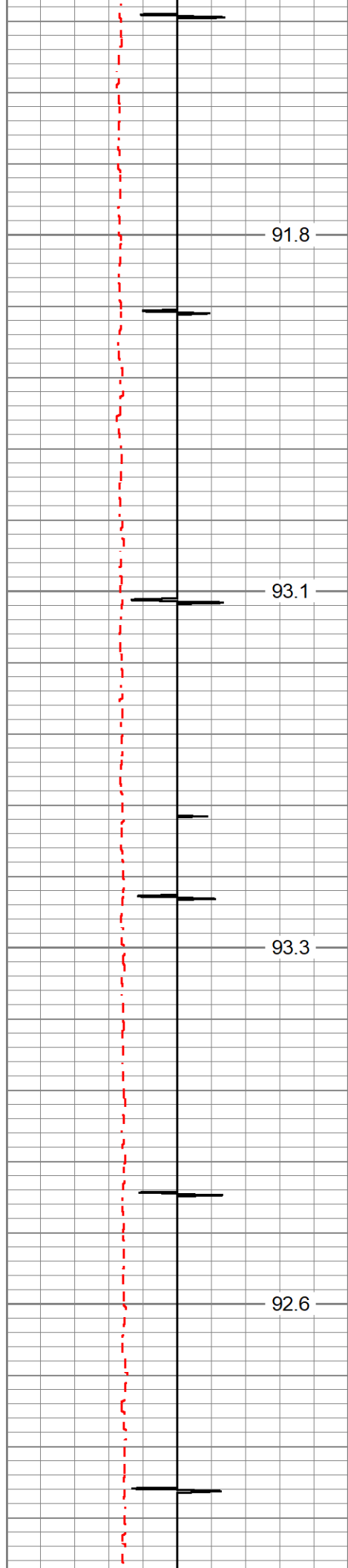
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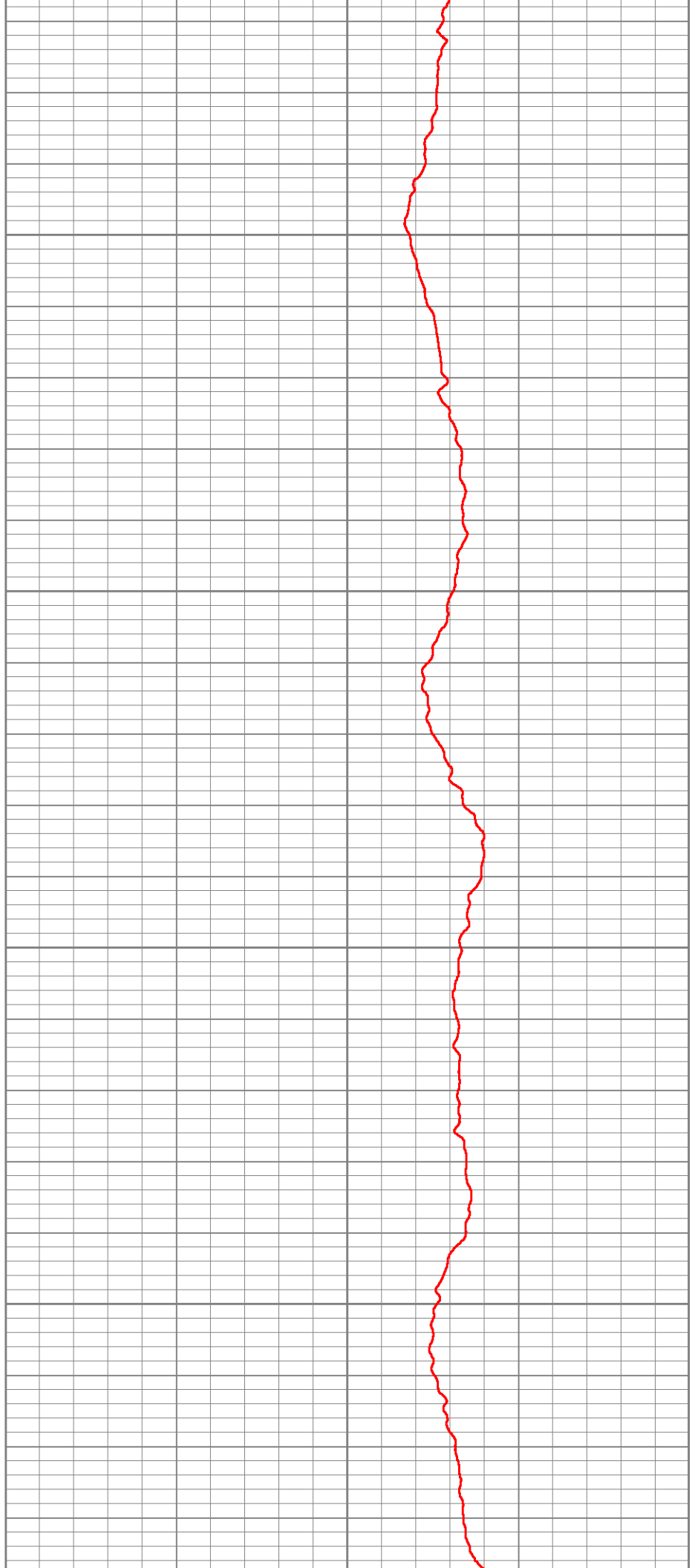


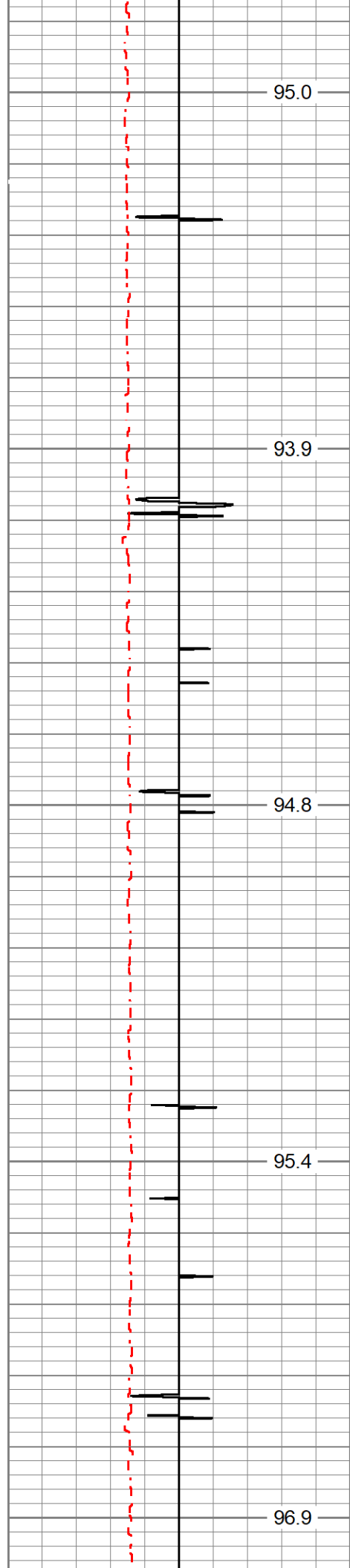
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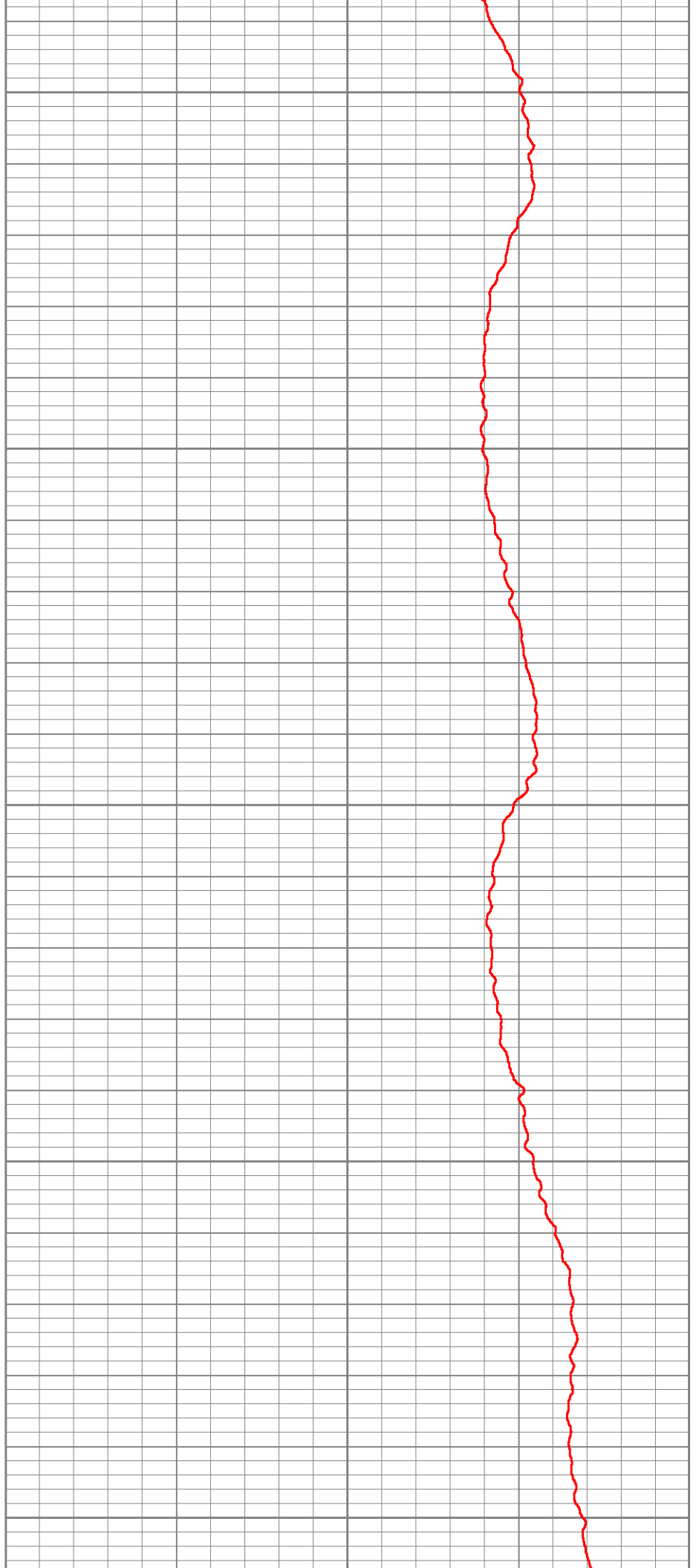
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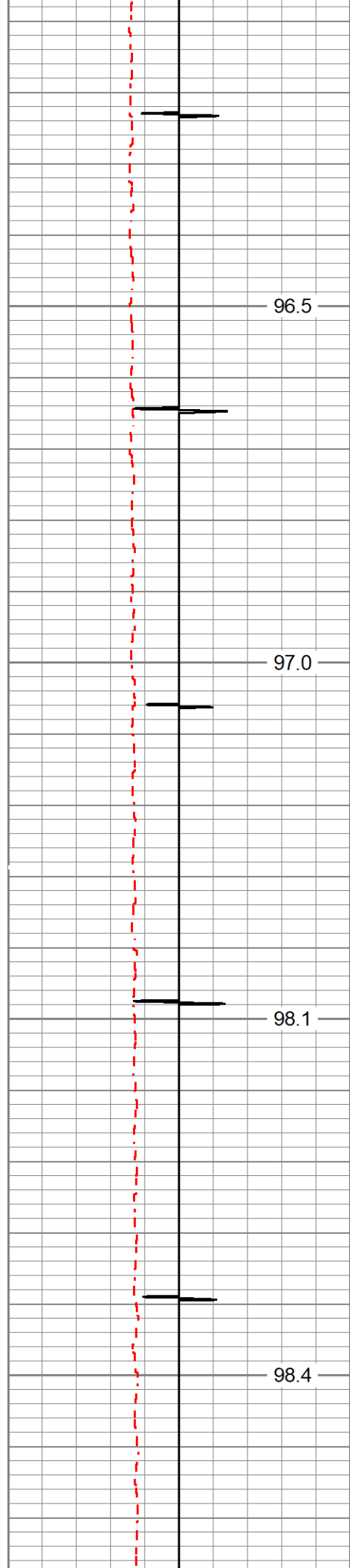
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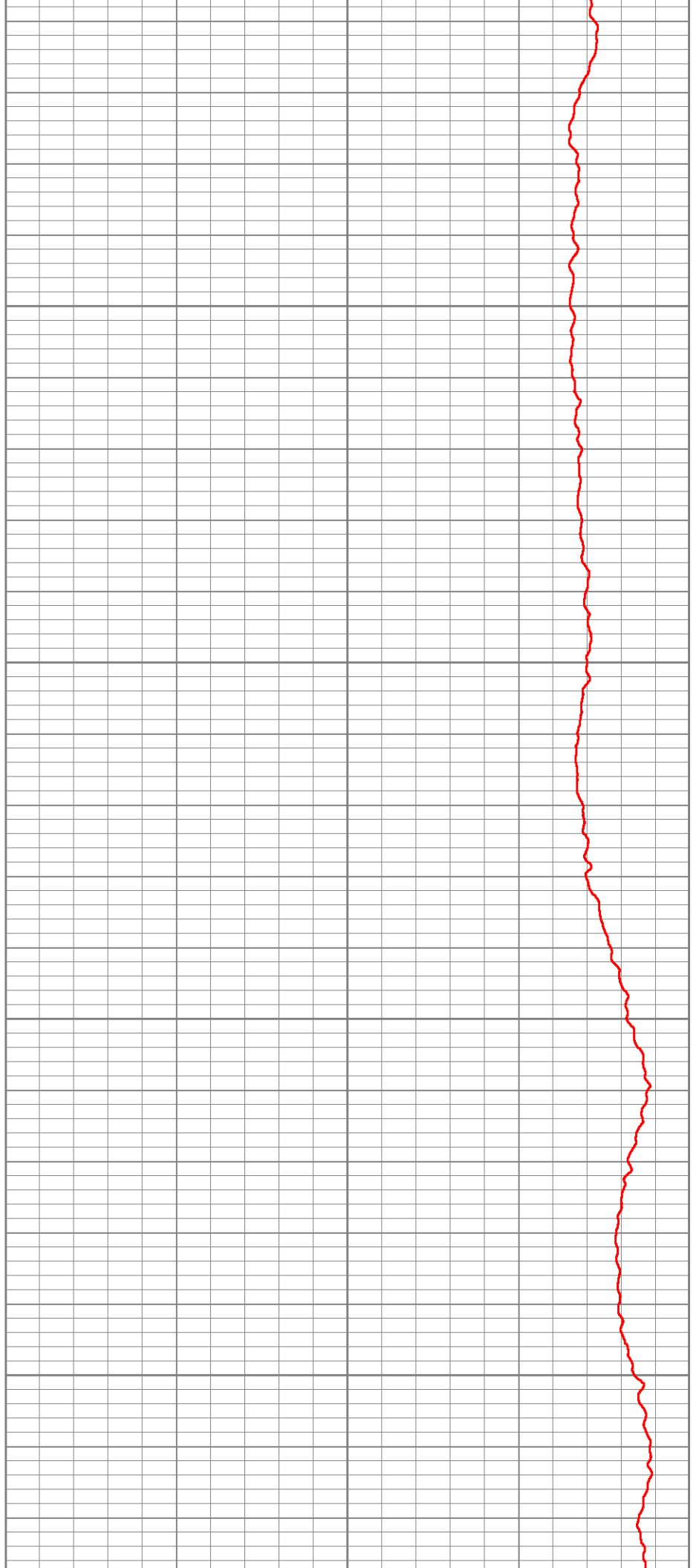


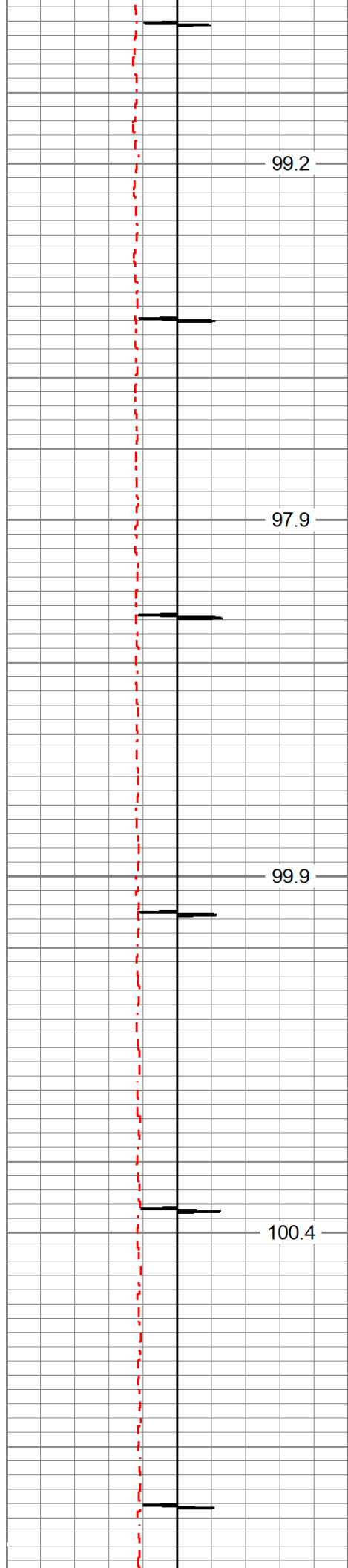
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4700





99.2

4750

97.9

4800

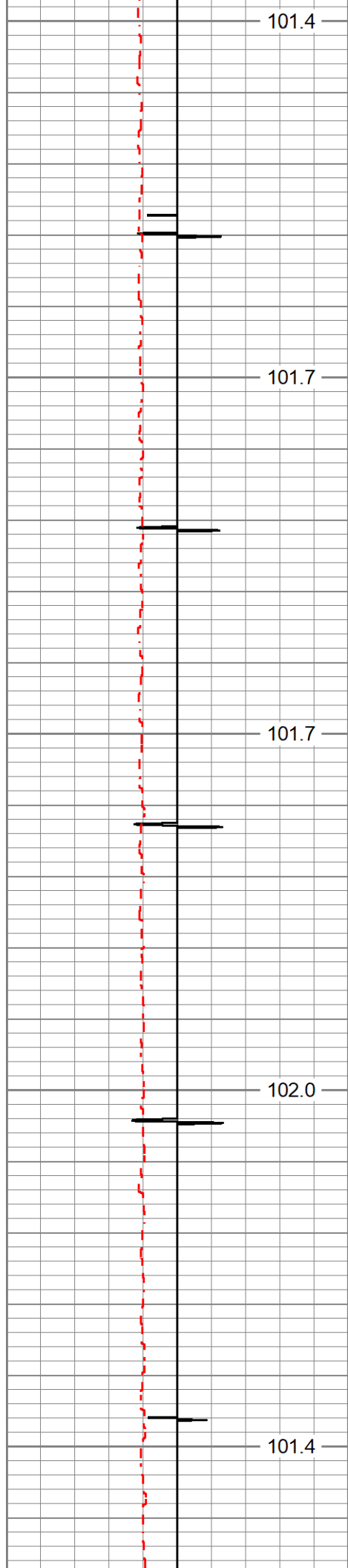
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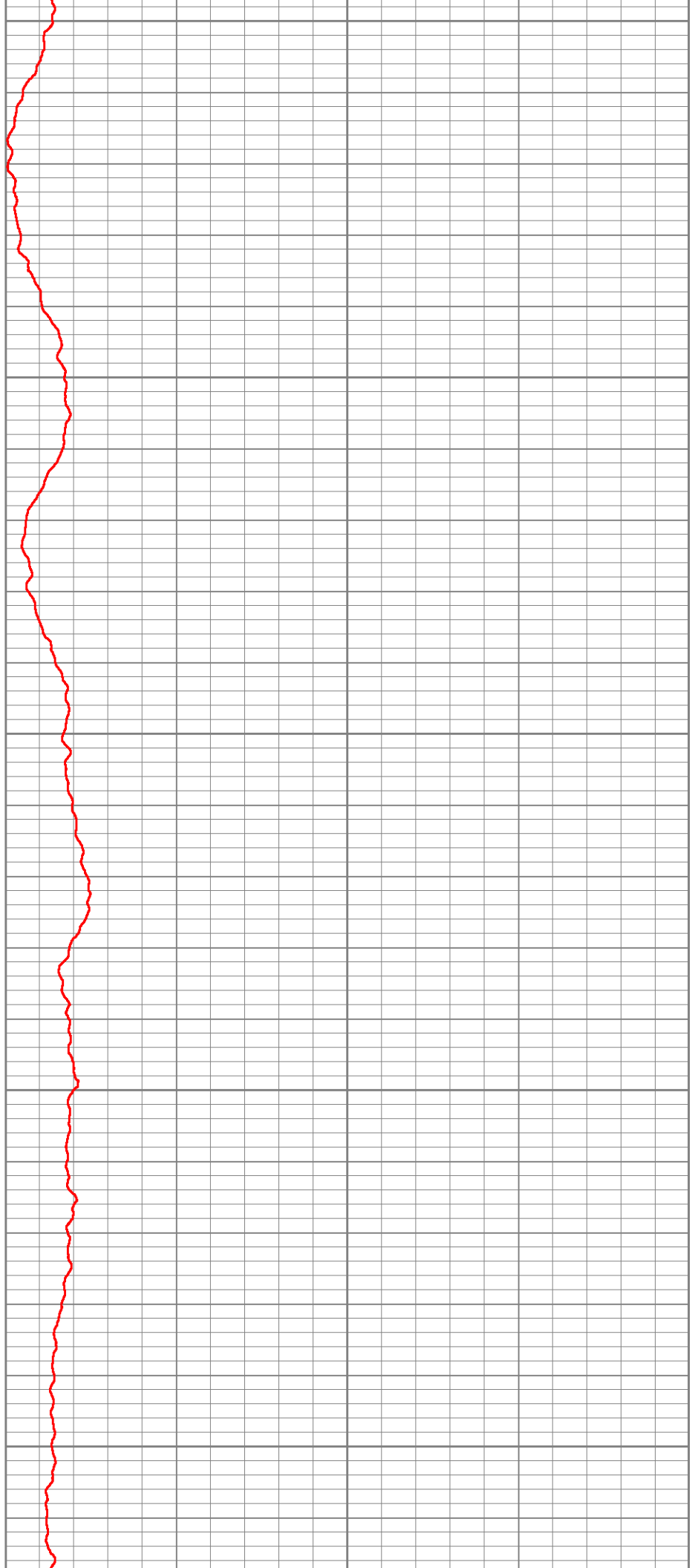
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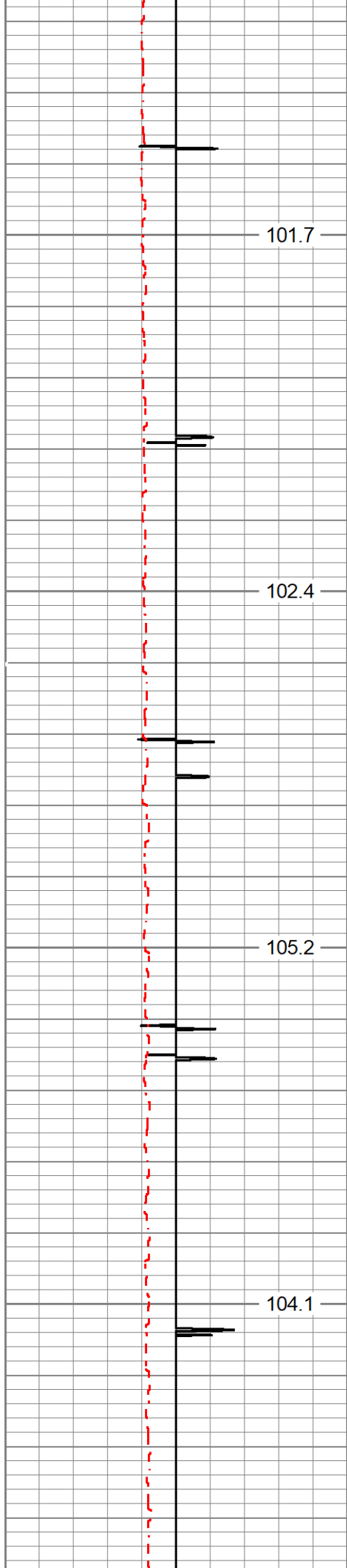
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5050

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5150





101.7

5200

102.4

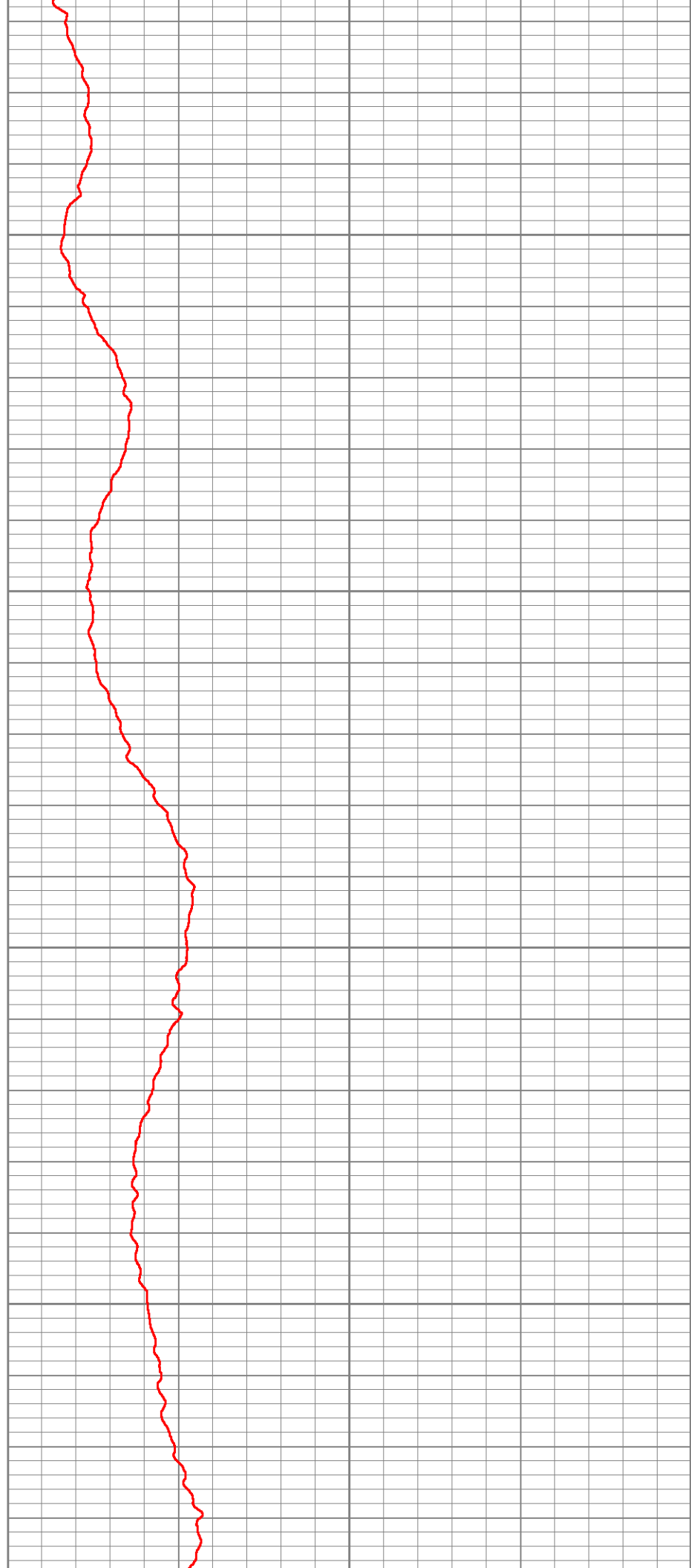
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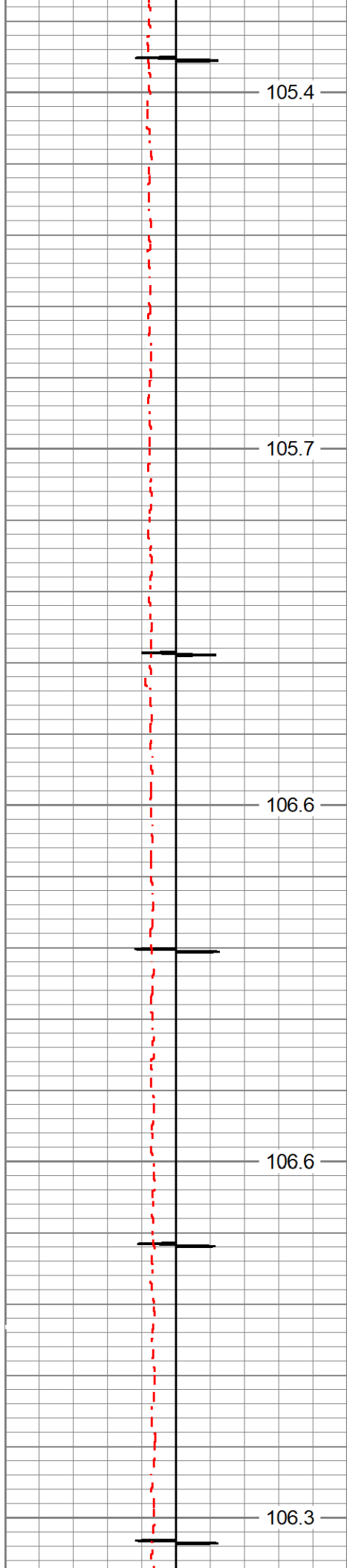
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104.1

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105.7

106.6

106.6

106.3

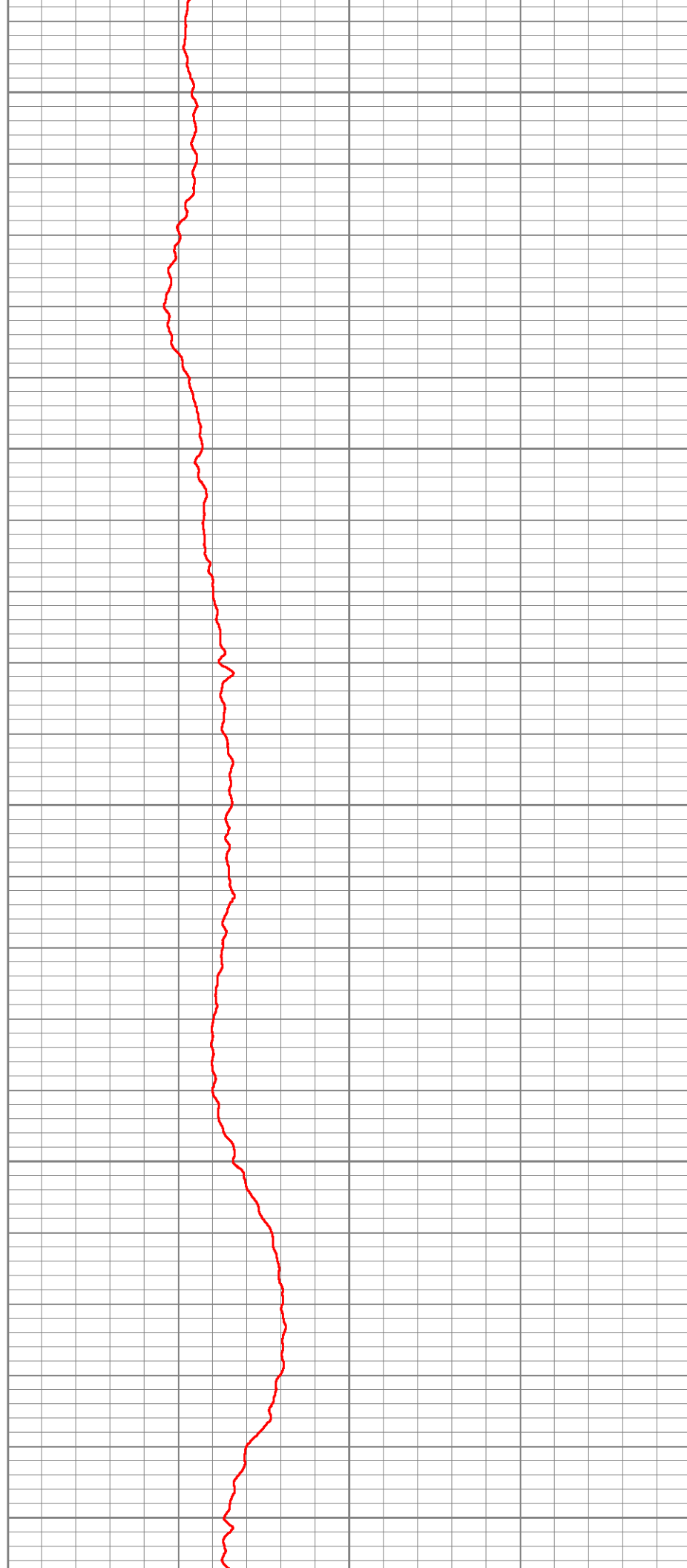
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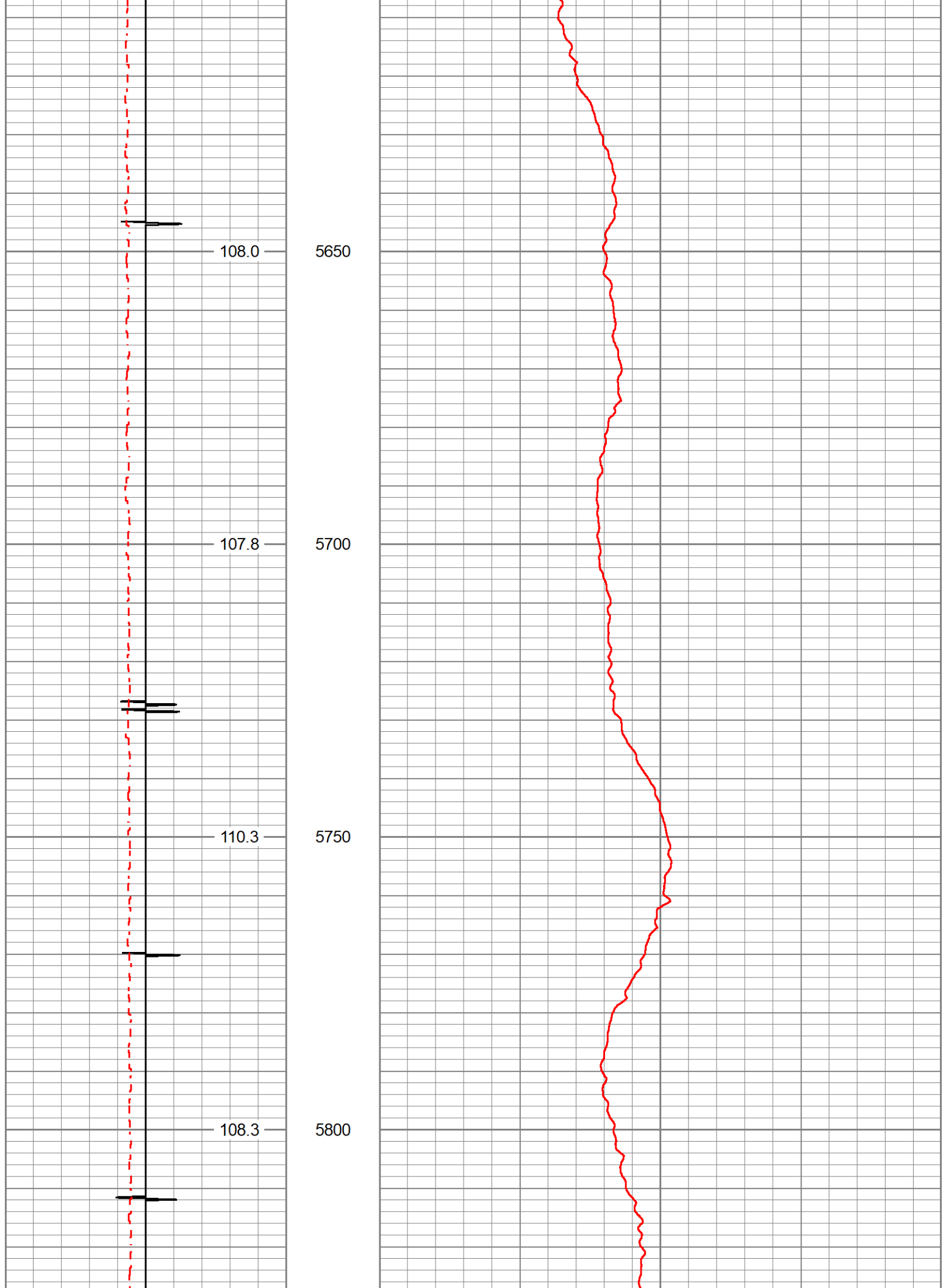
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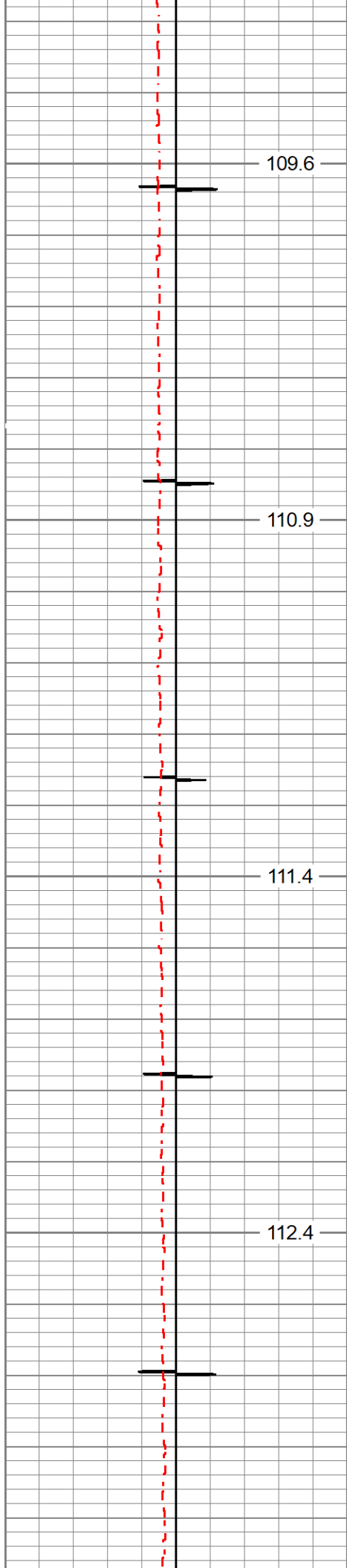
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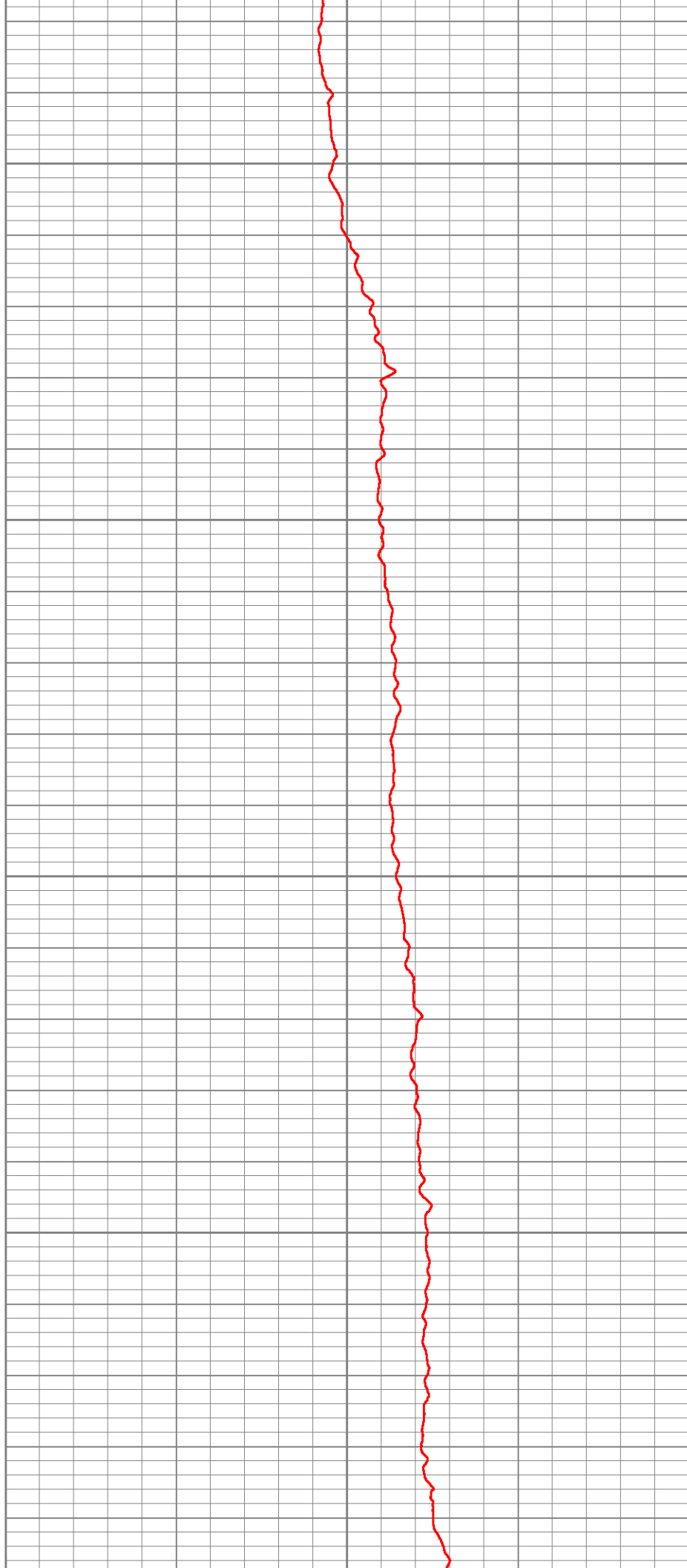


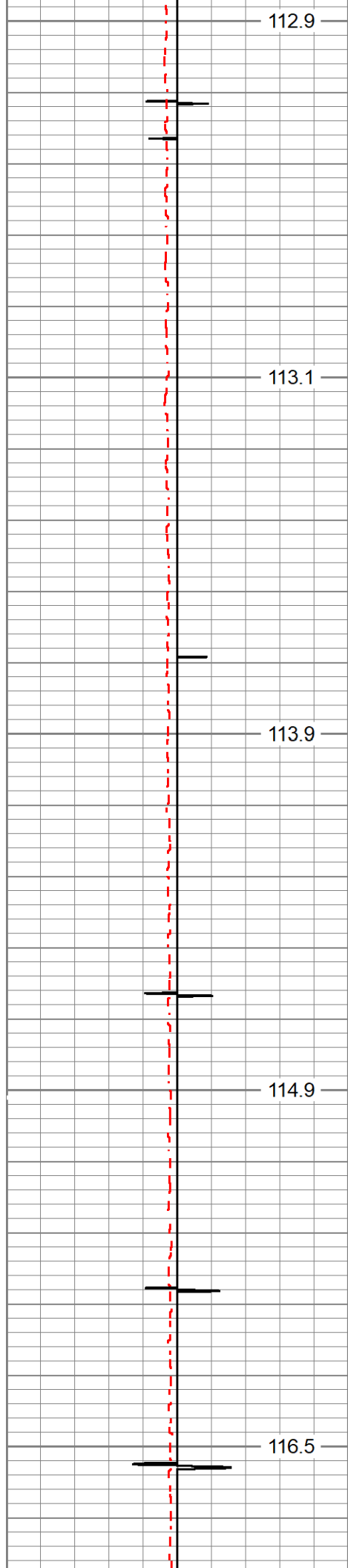
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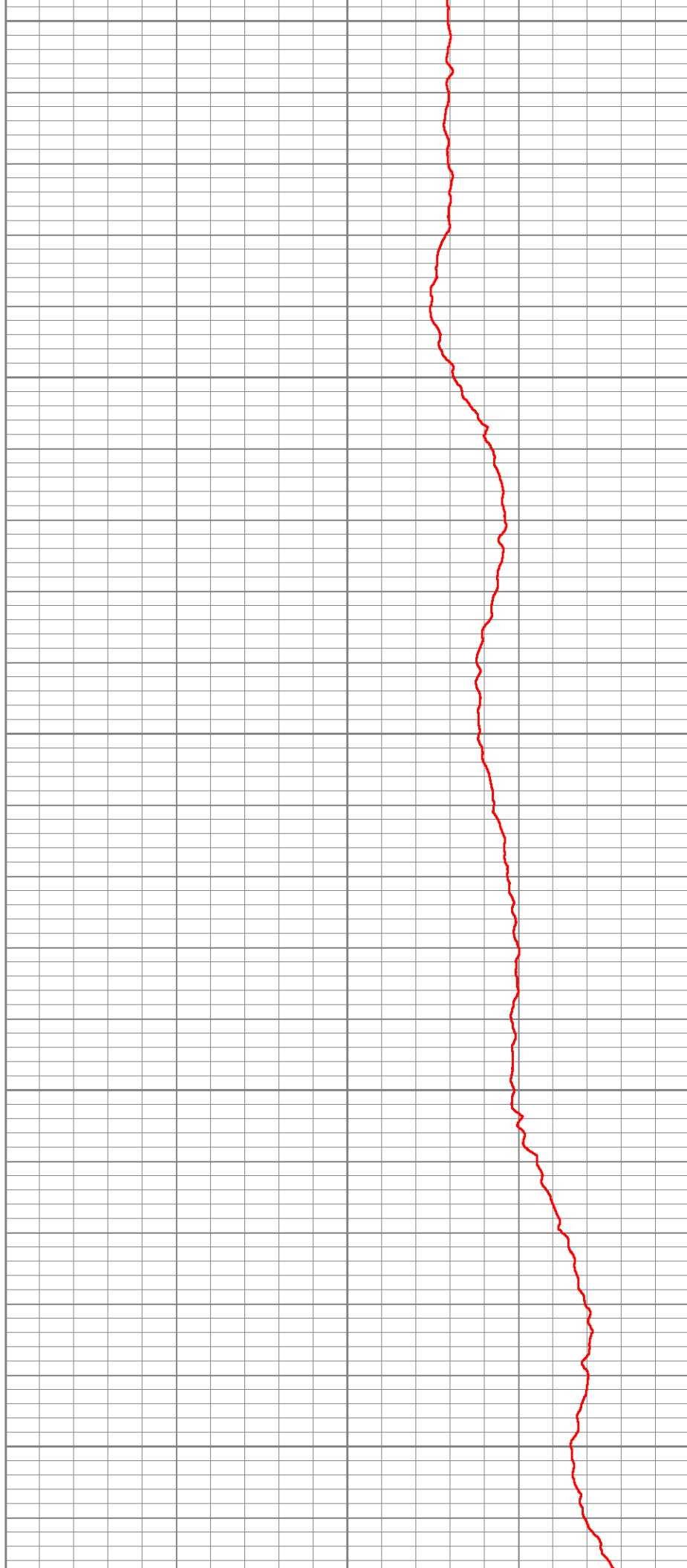
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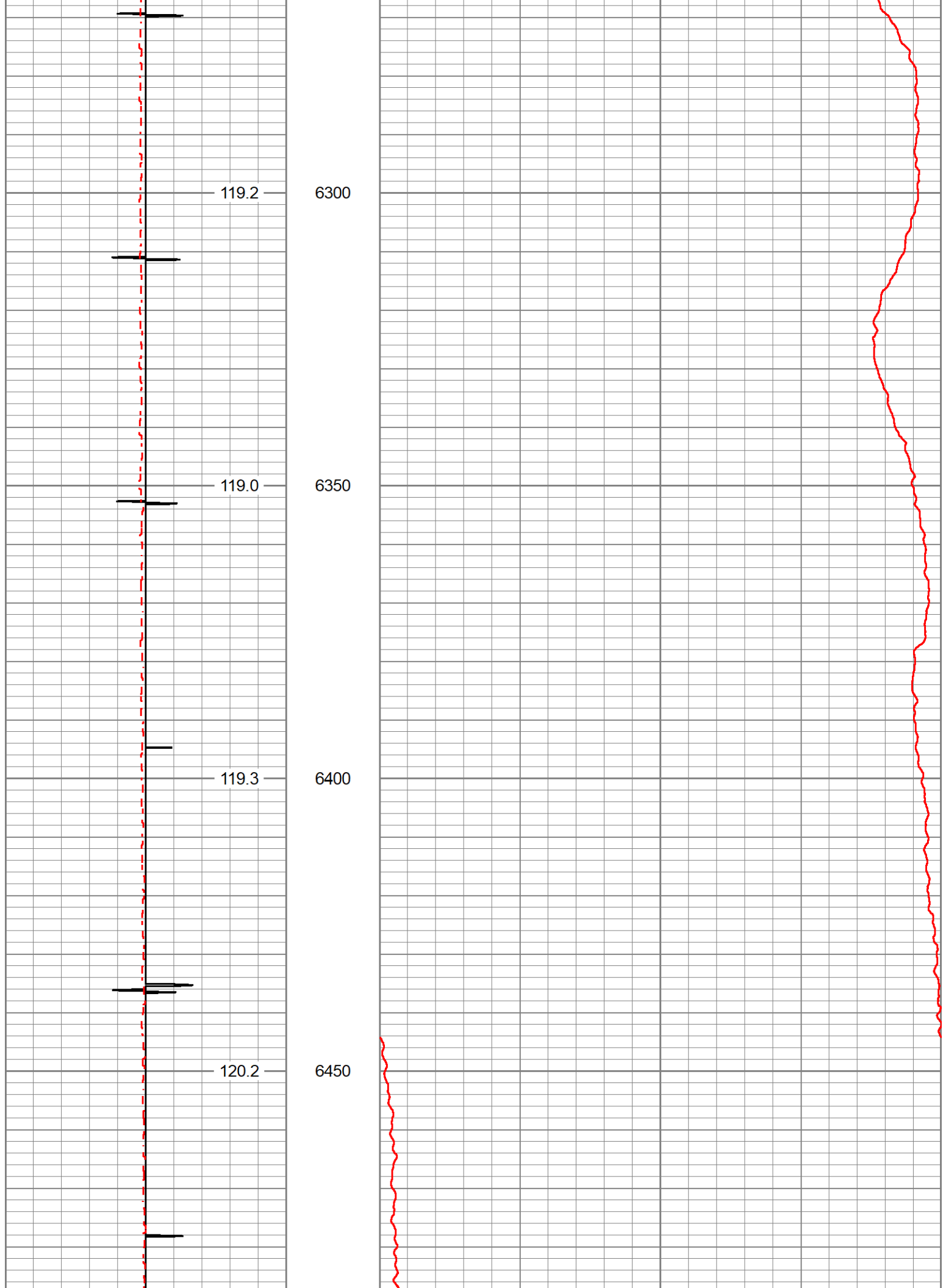
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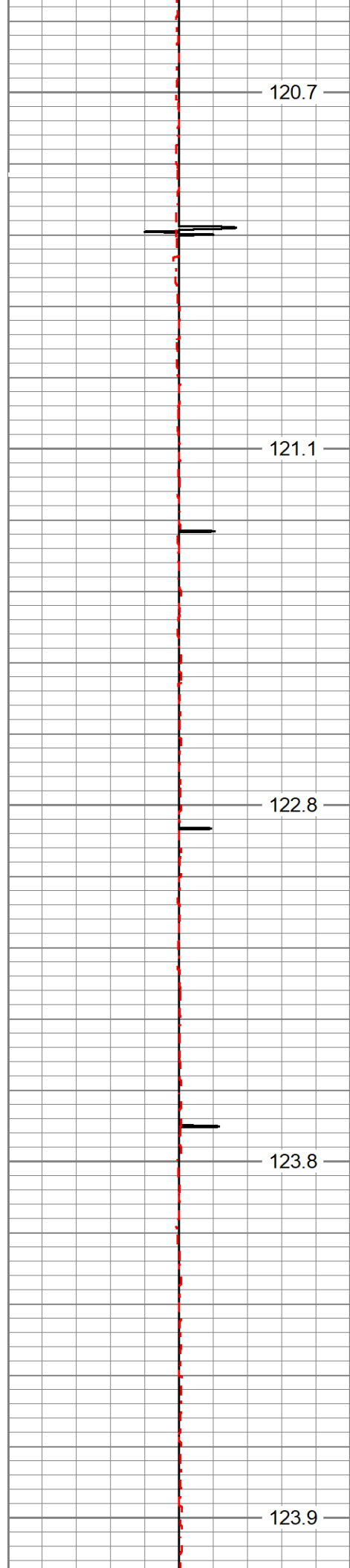




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6100
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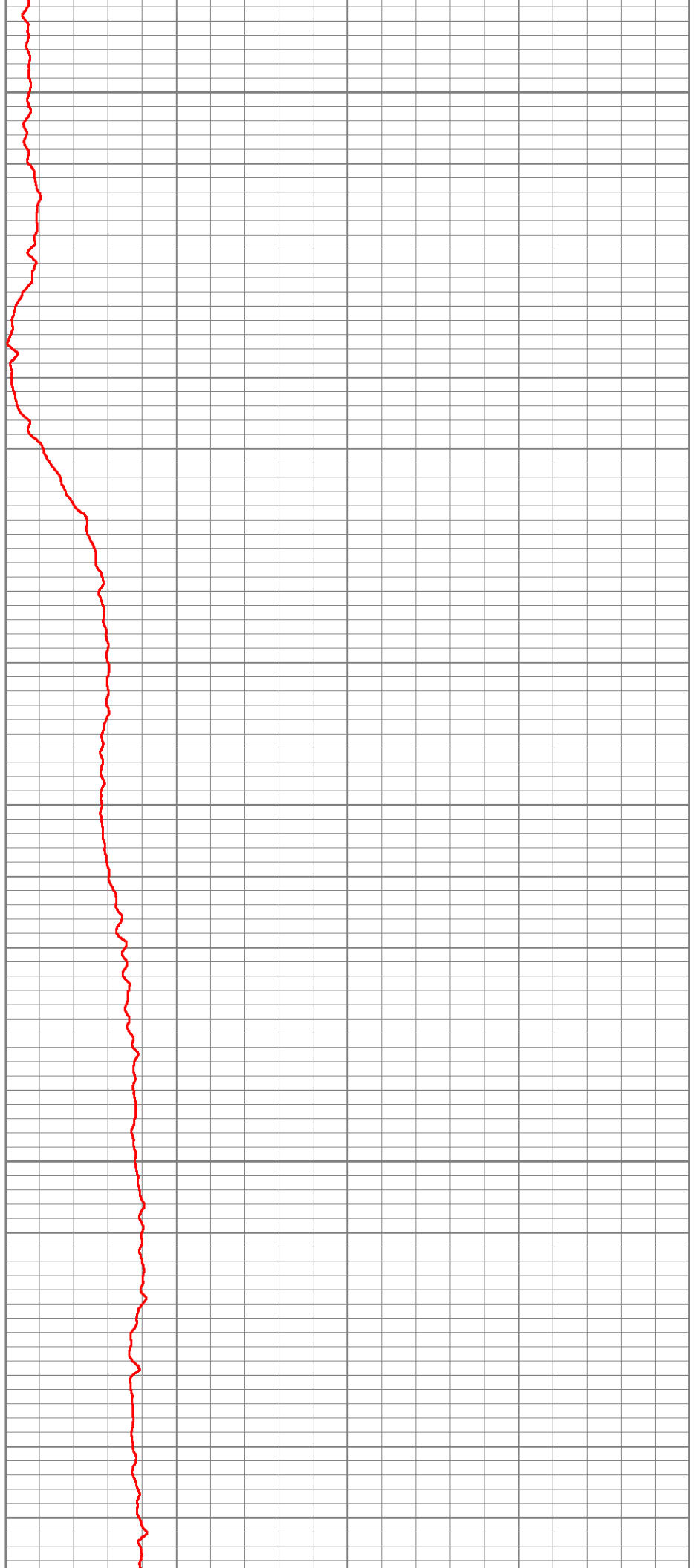
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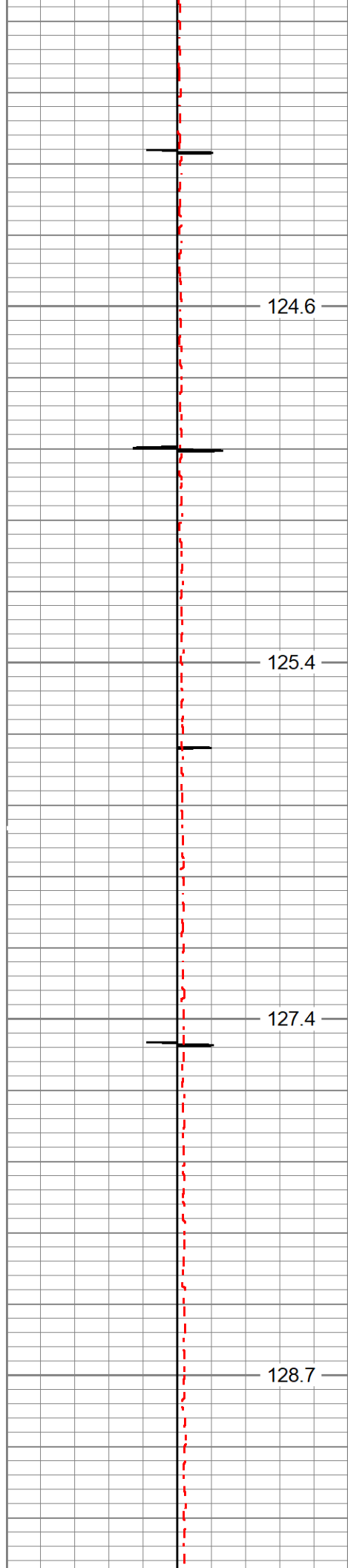
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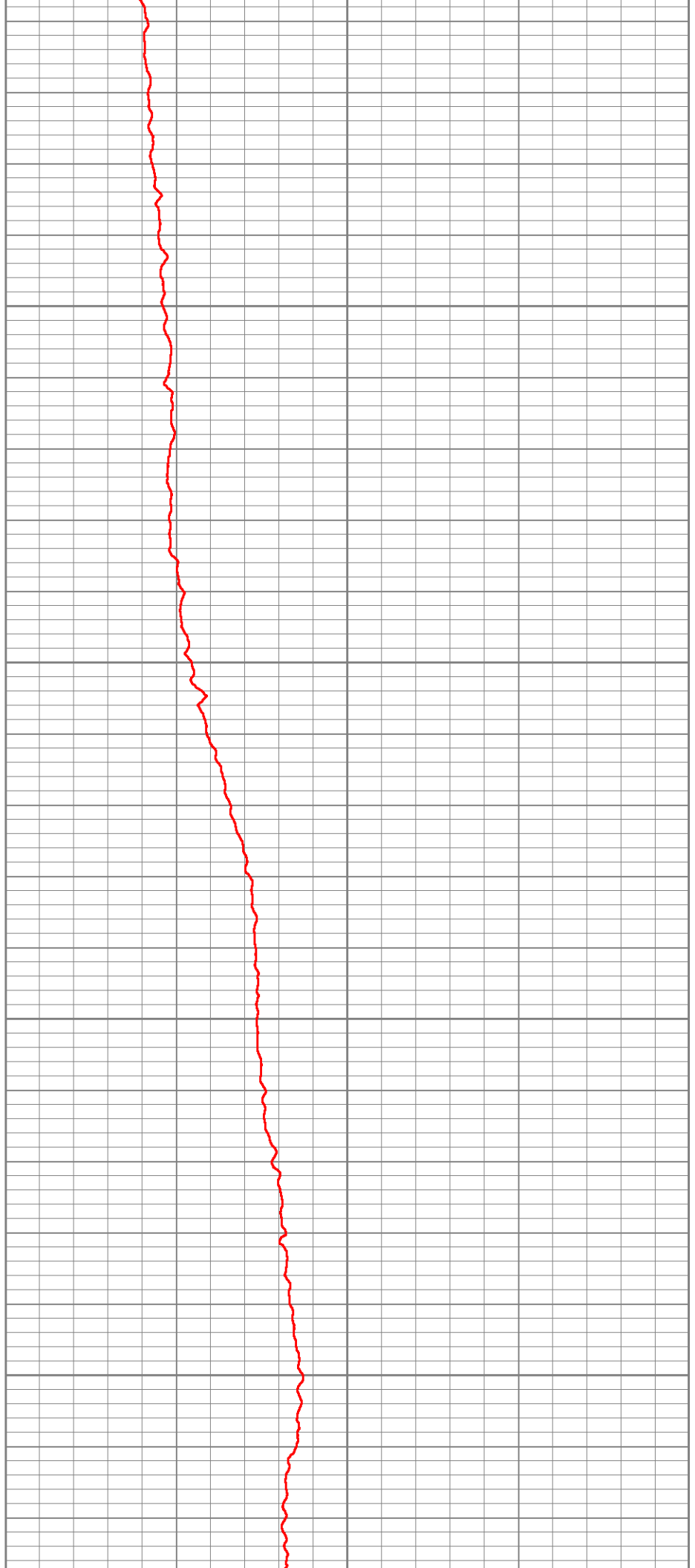


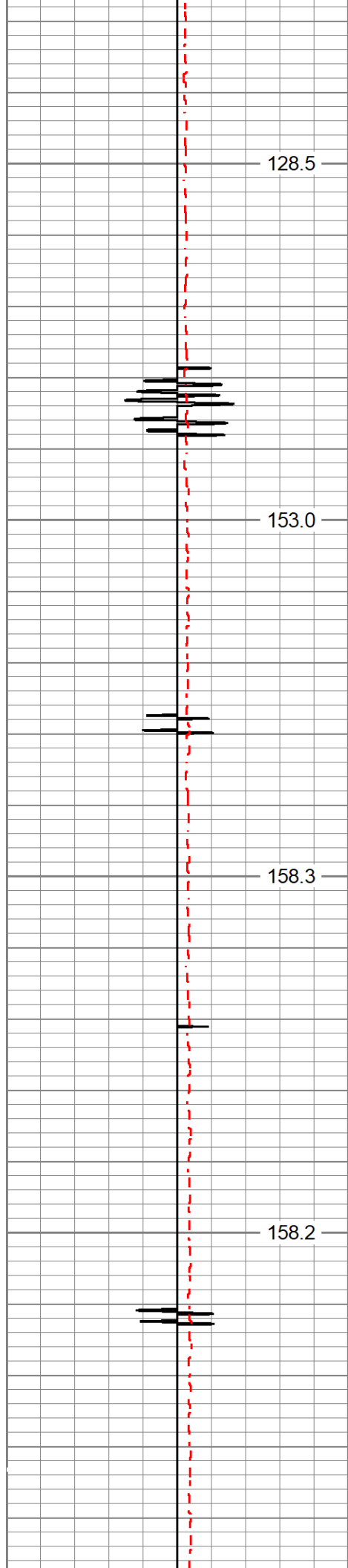
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6900





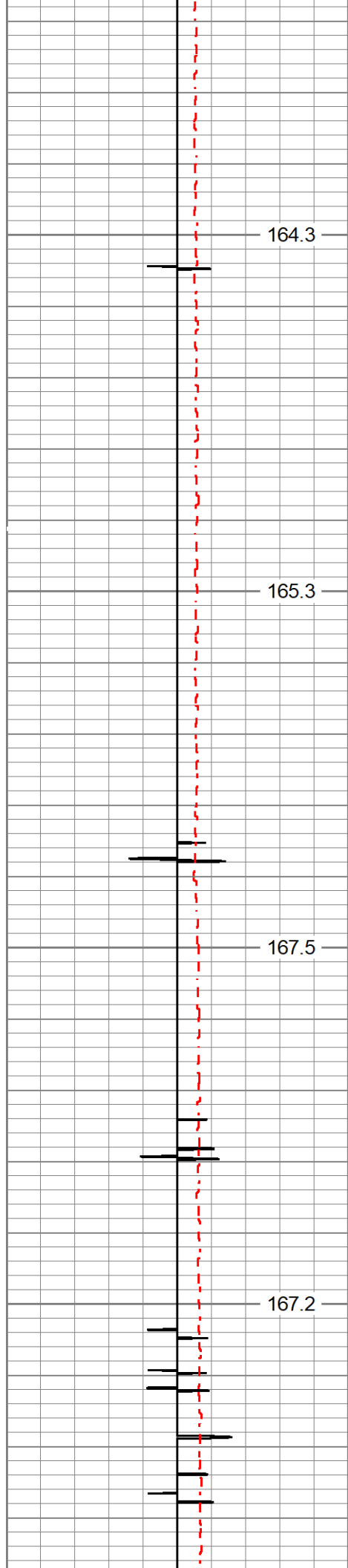
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Estimated Top of Cement →

7000

7050

7100



164.3

165.3

167.5

167.2

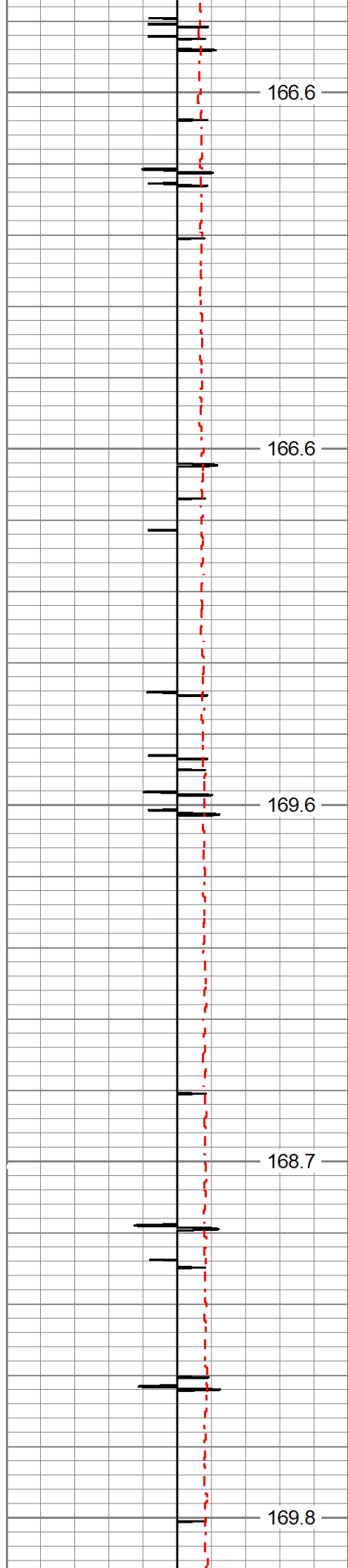
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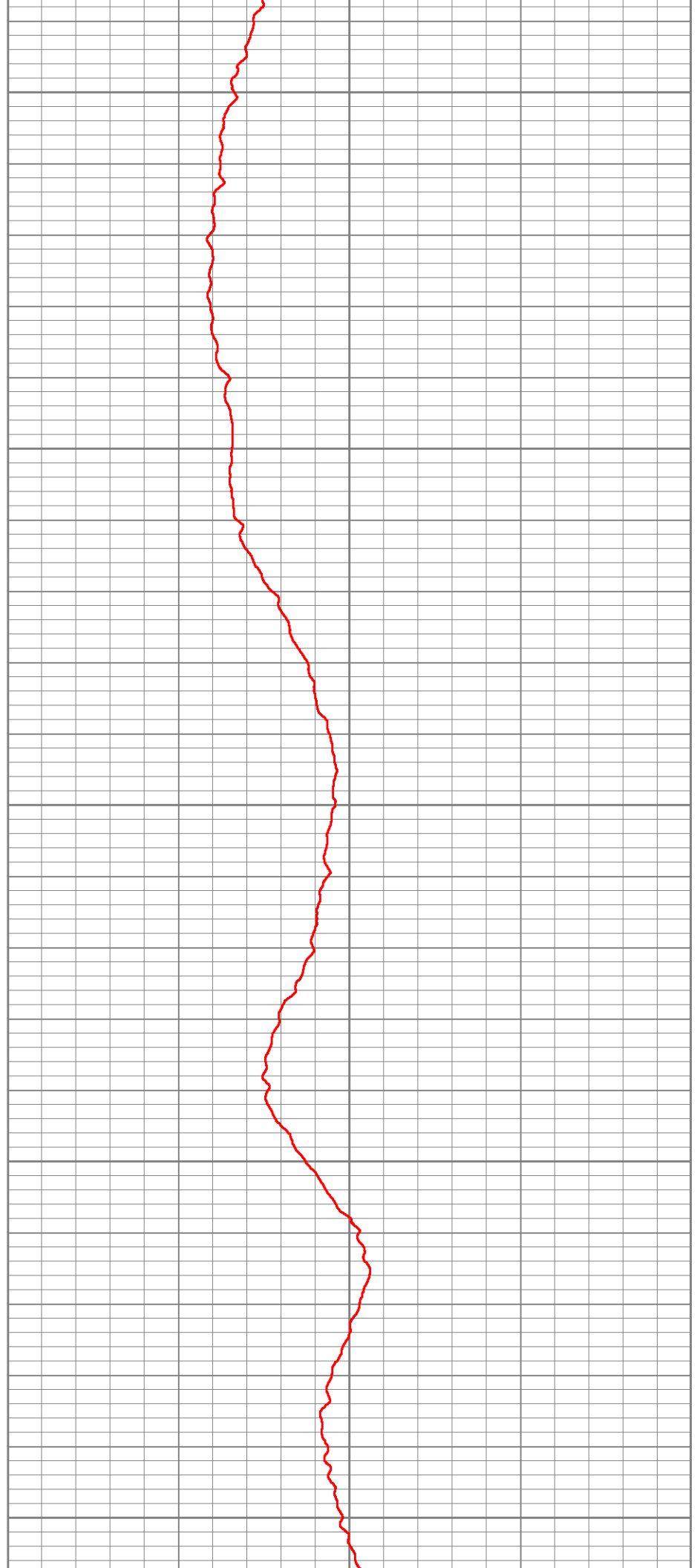
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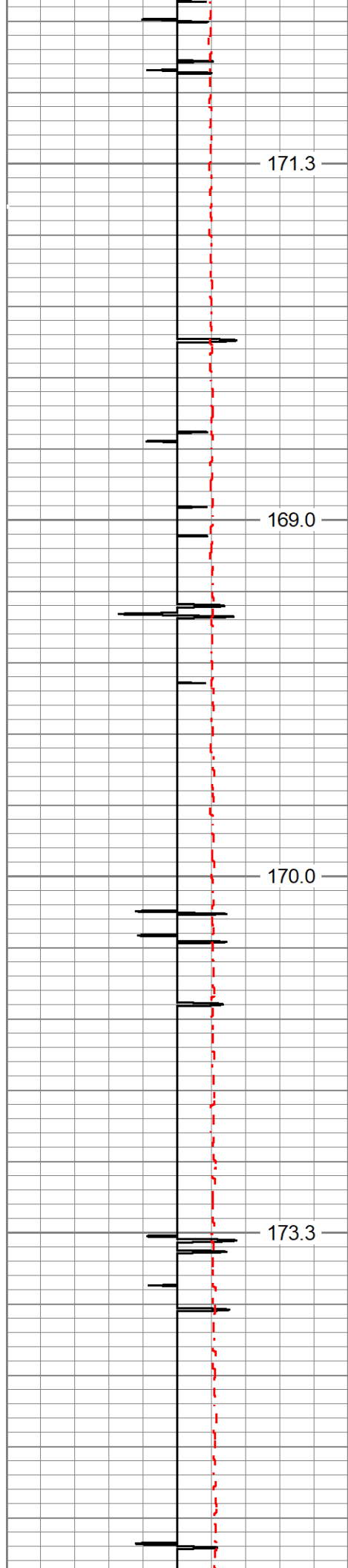
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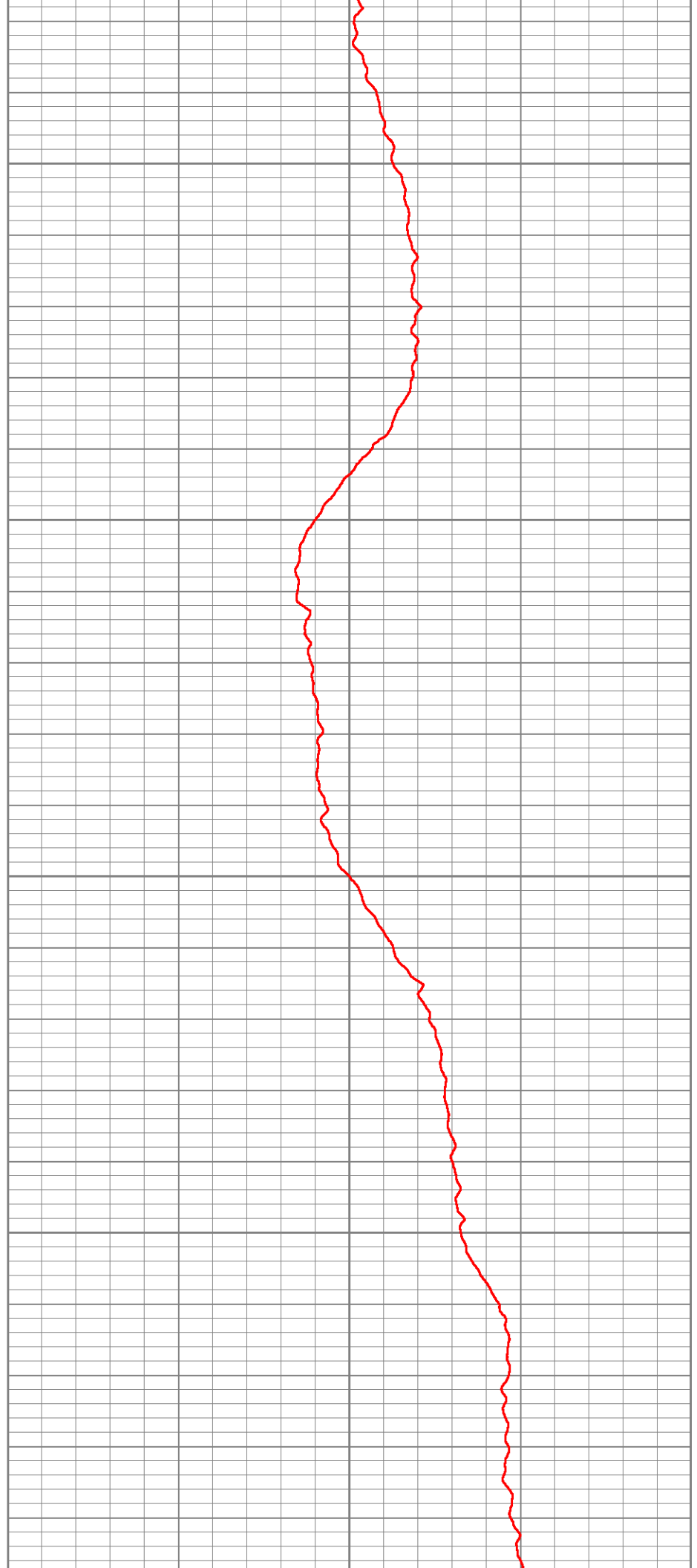


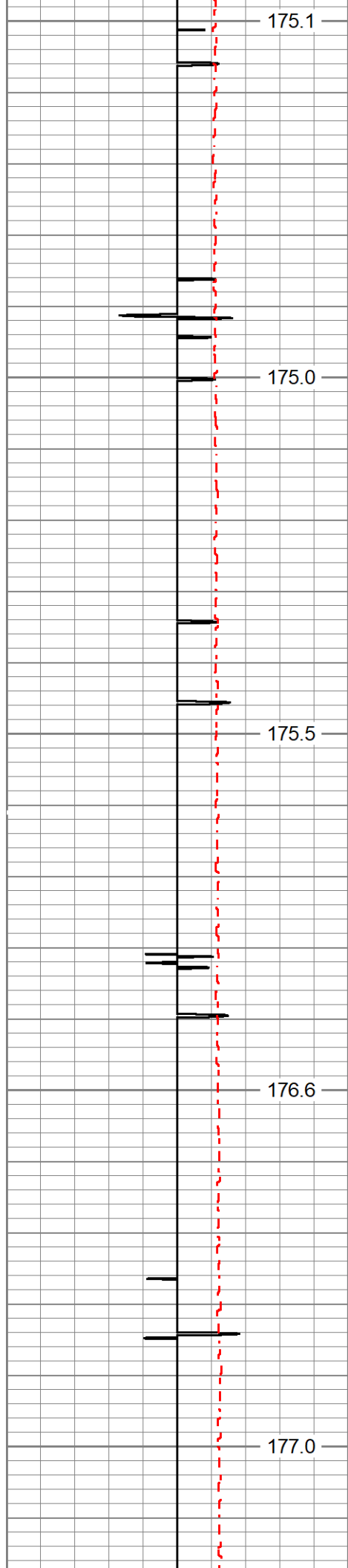
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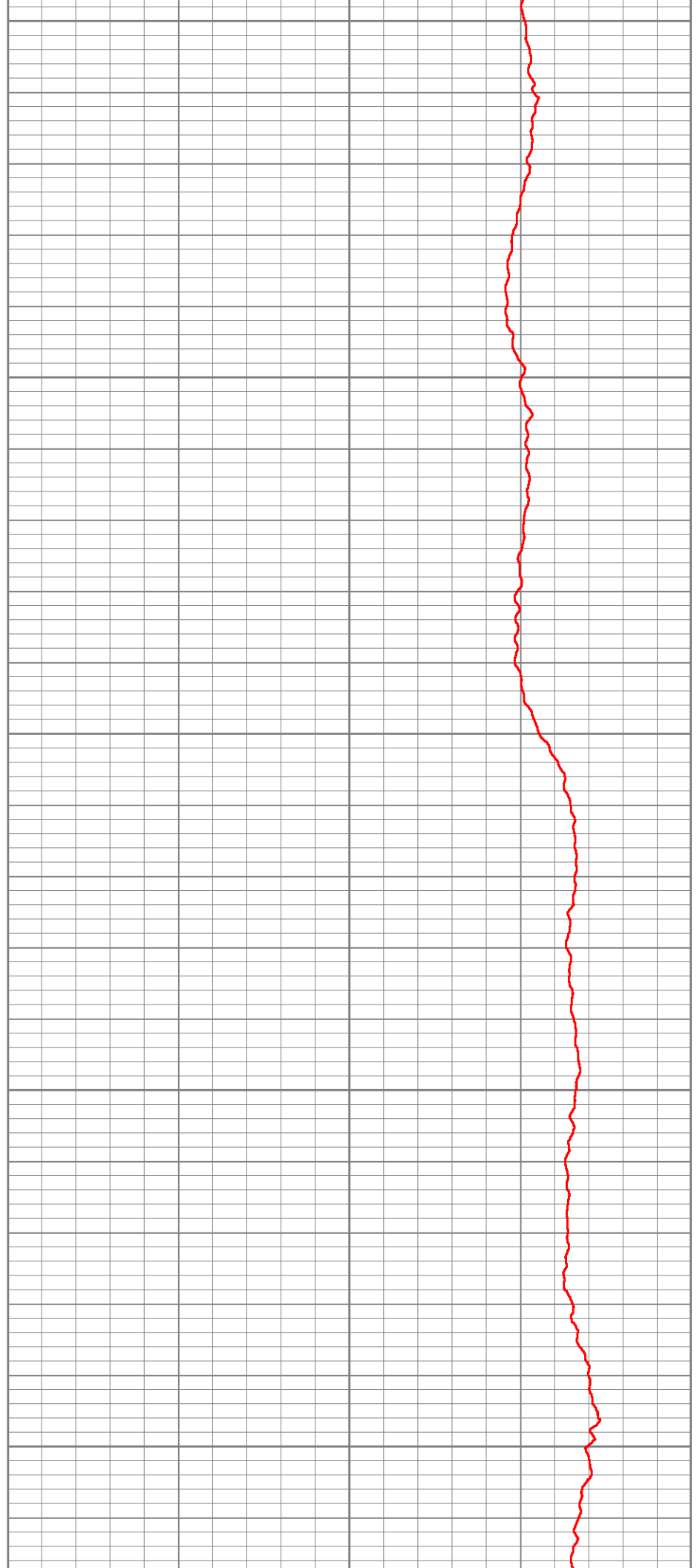
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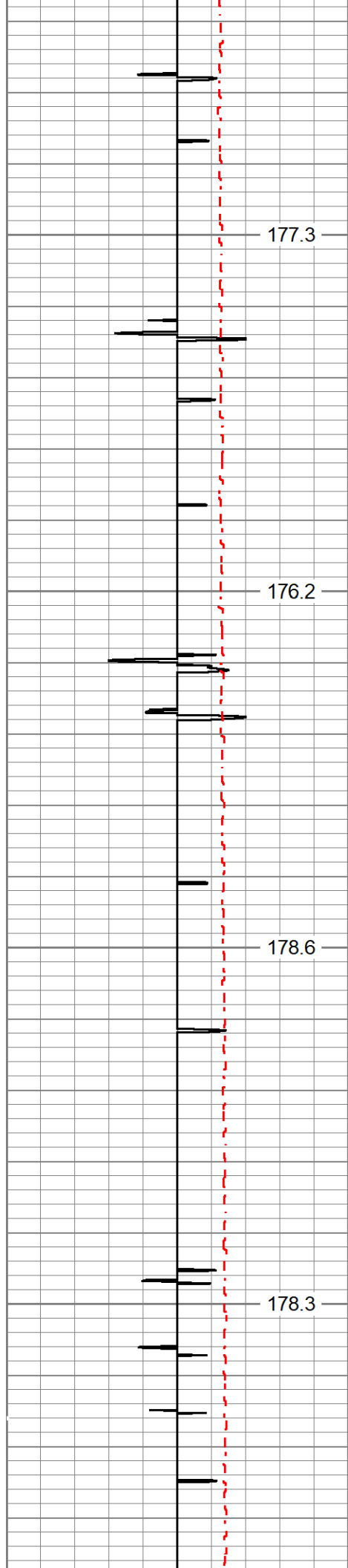
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8450





177.3

8500

176.2

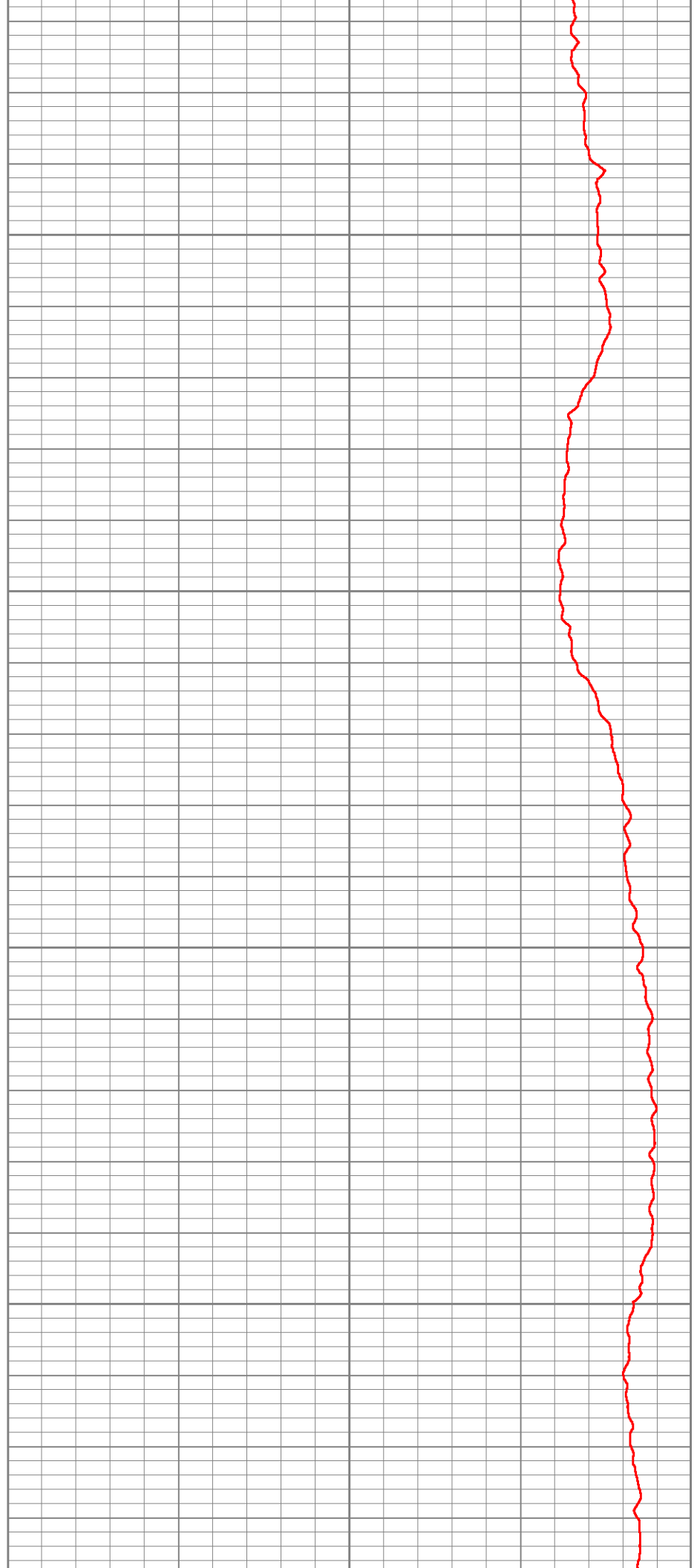
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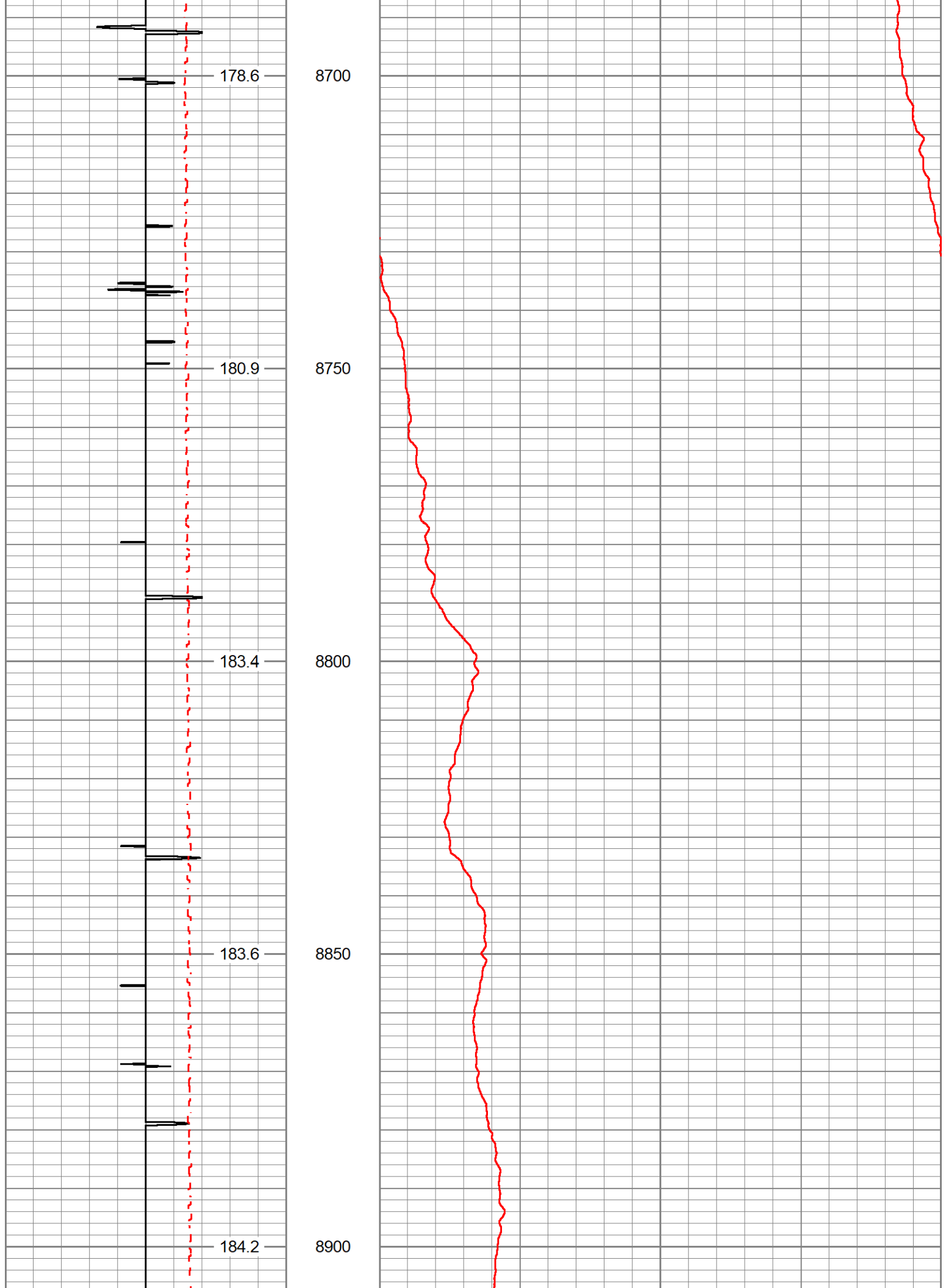
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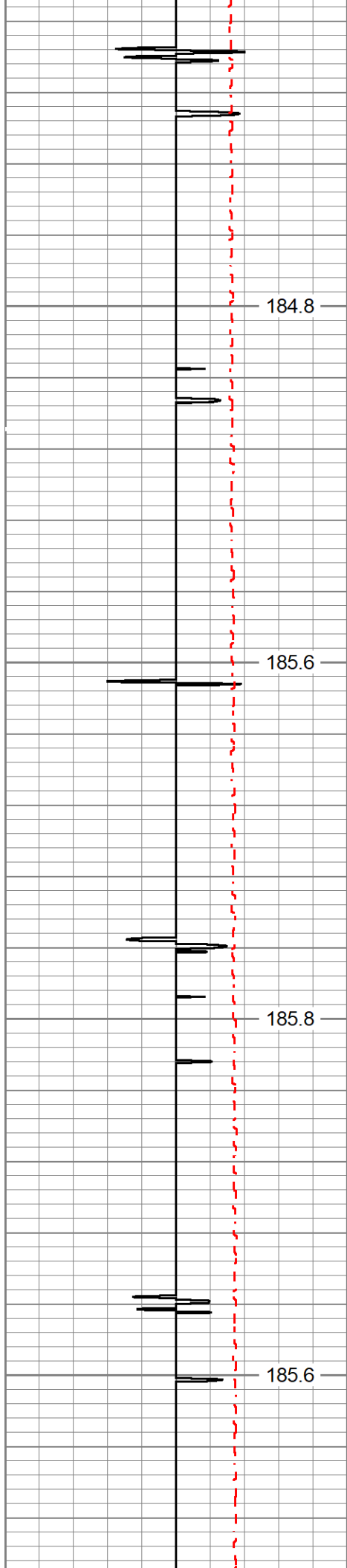
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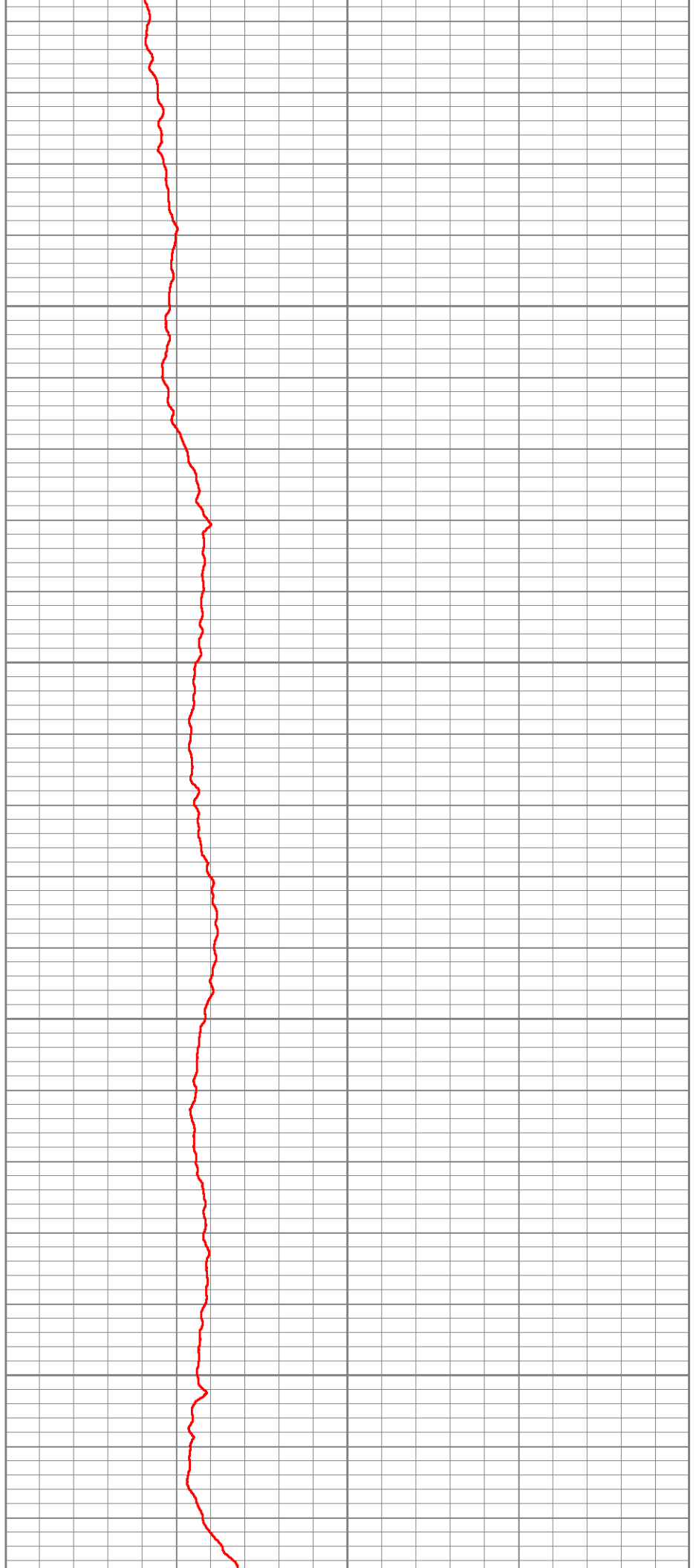


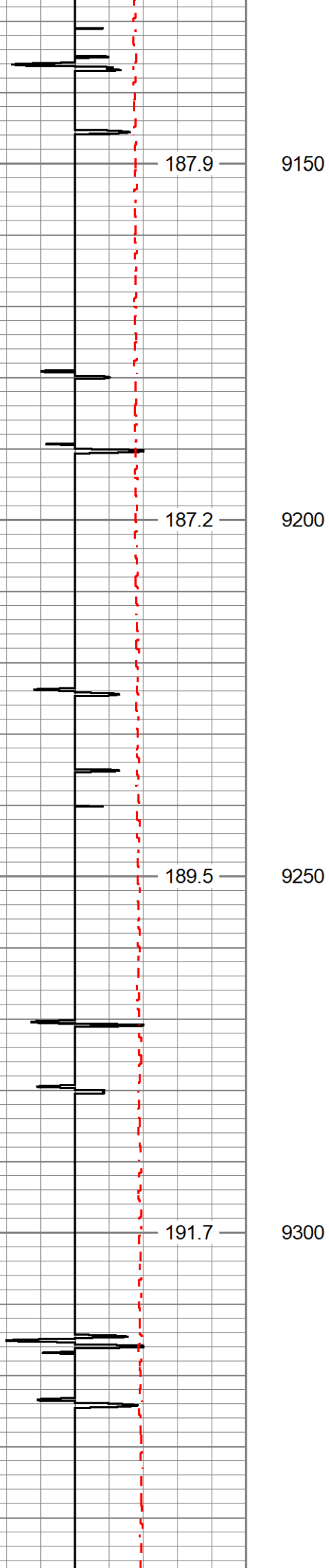
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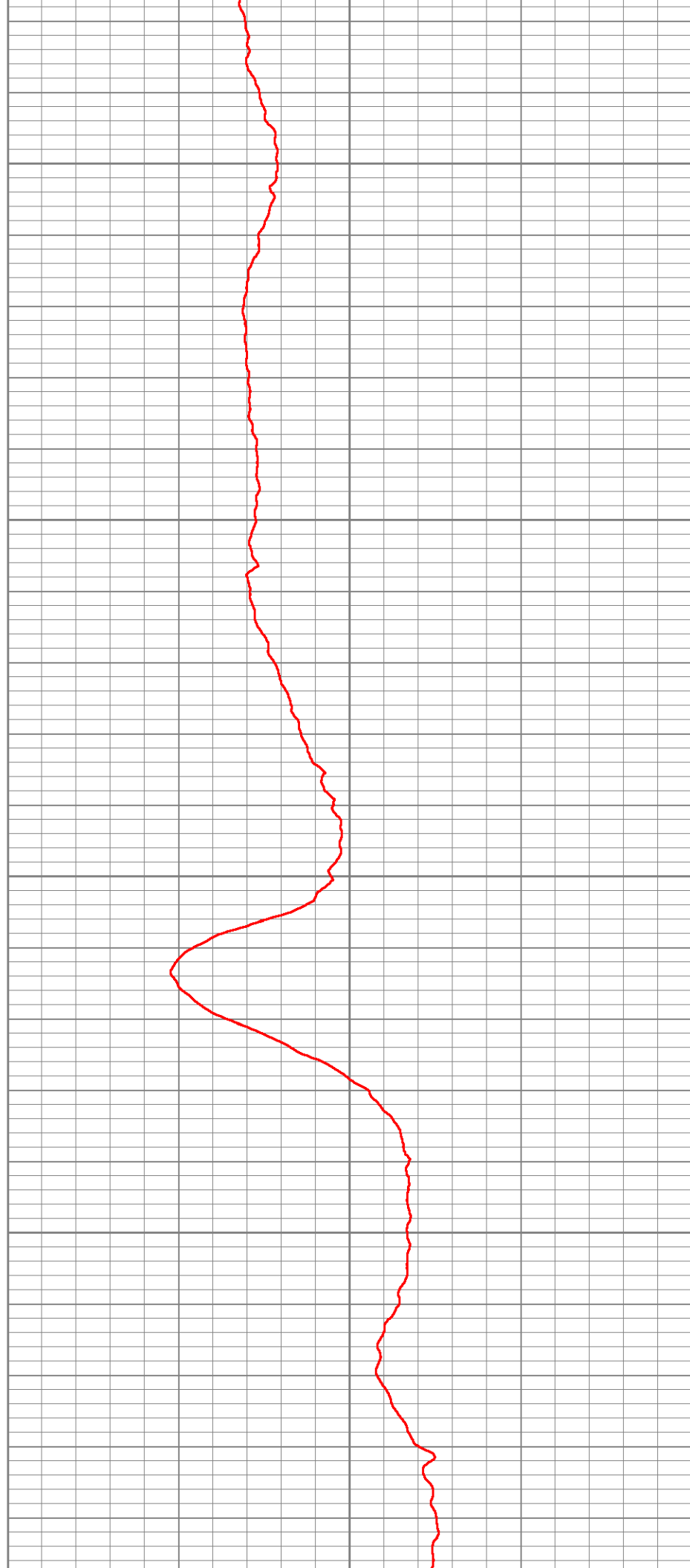


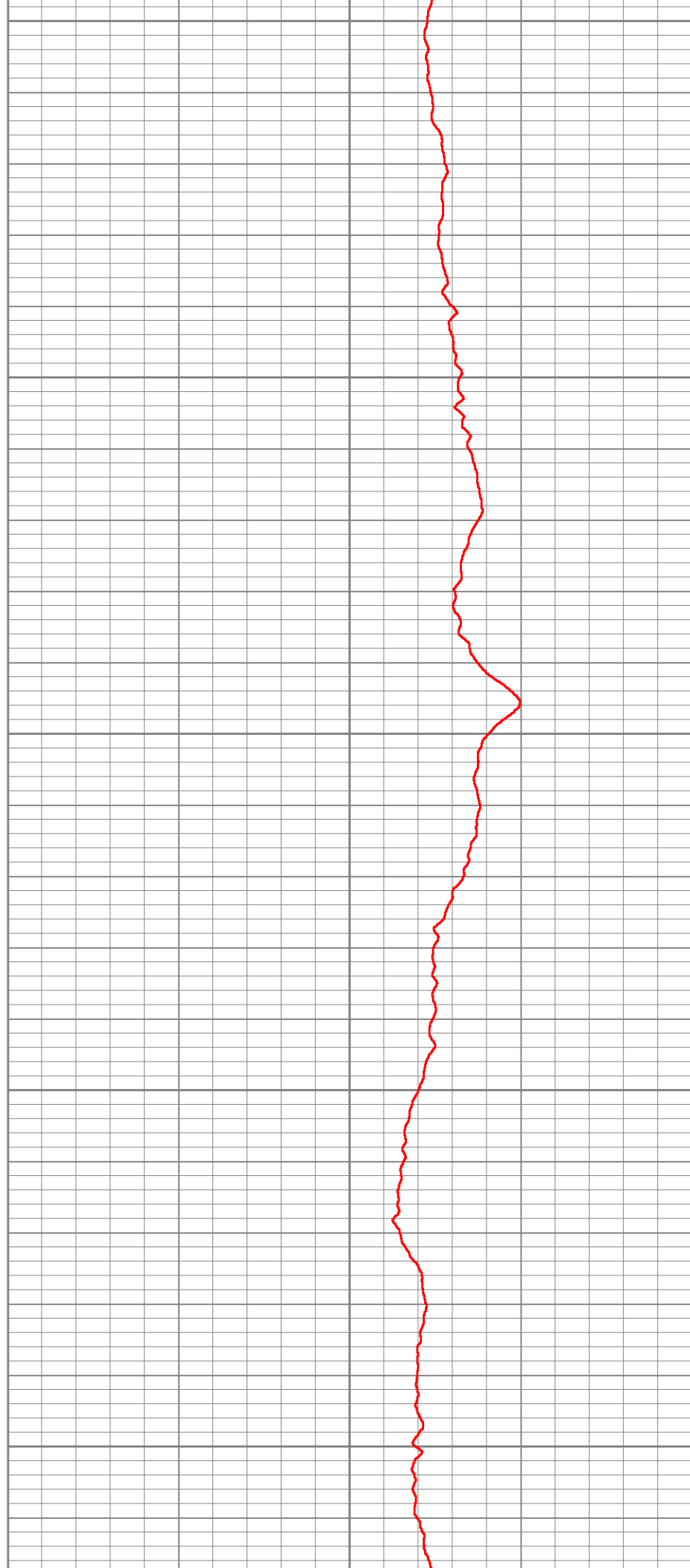
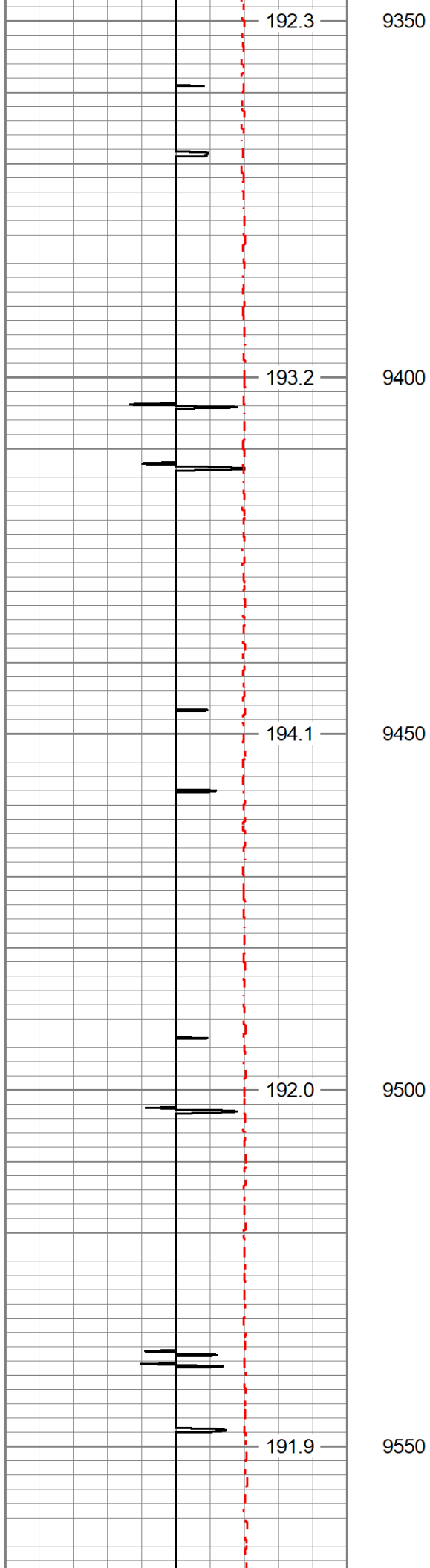
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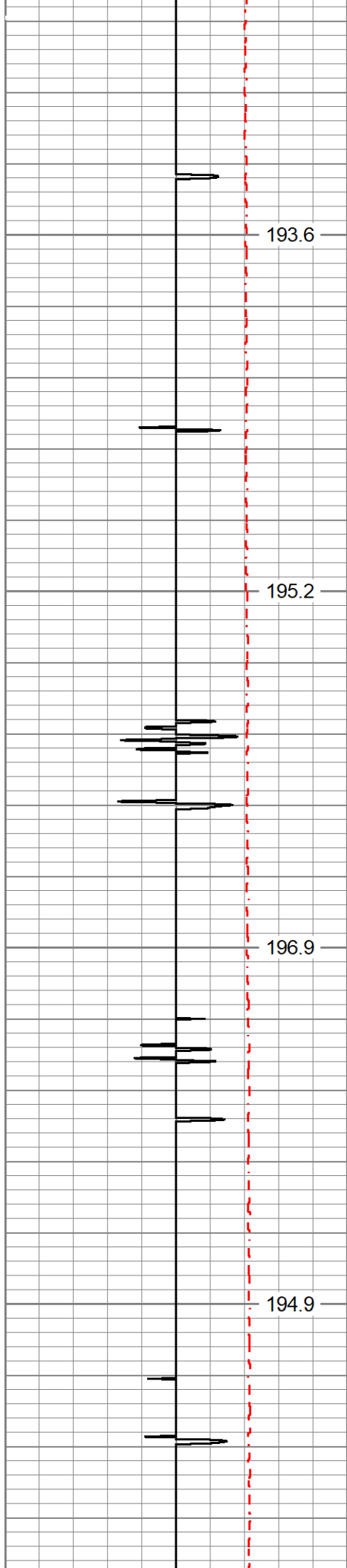
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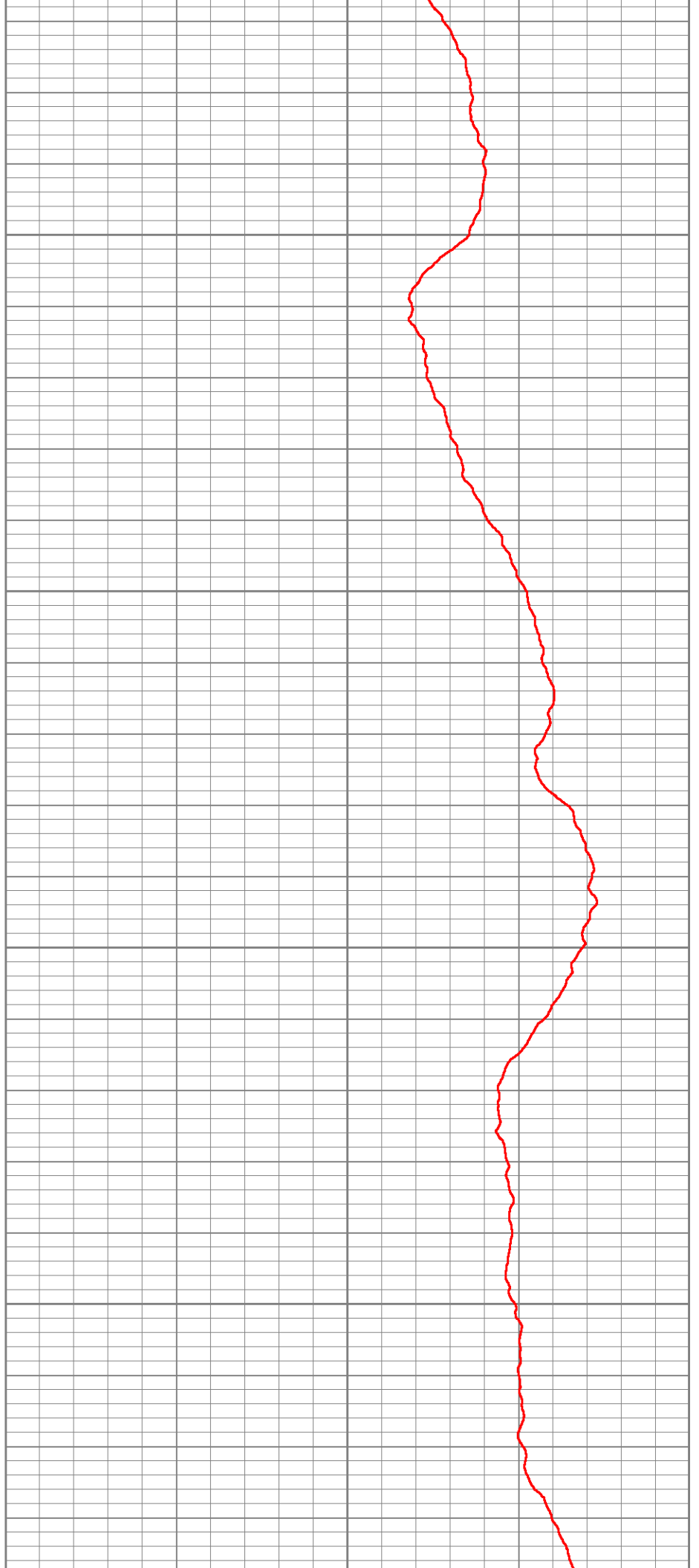


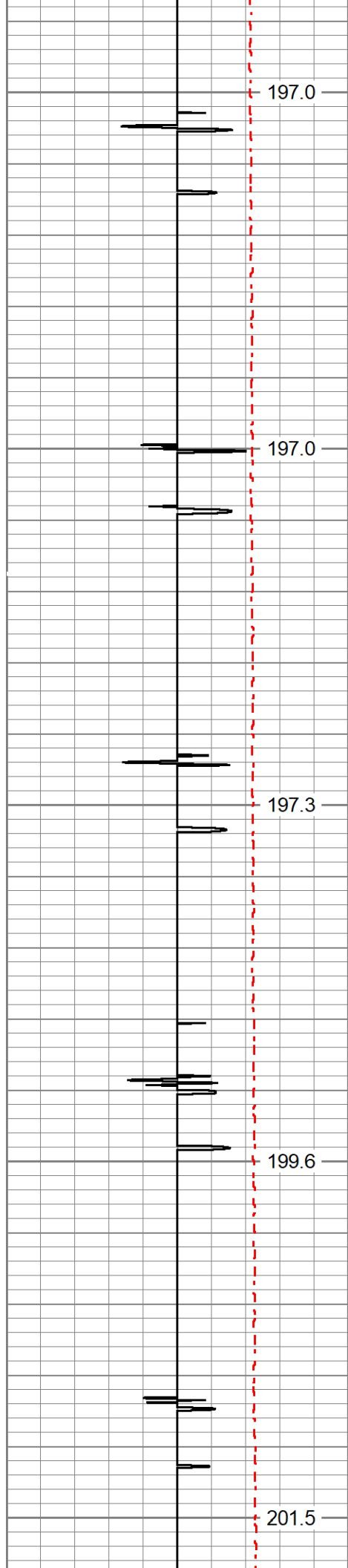
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9700

9750





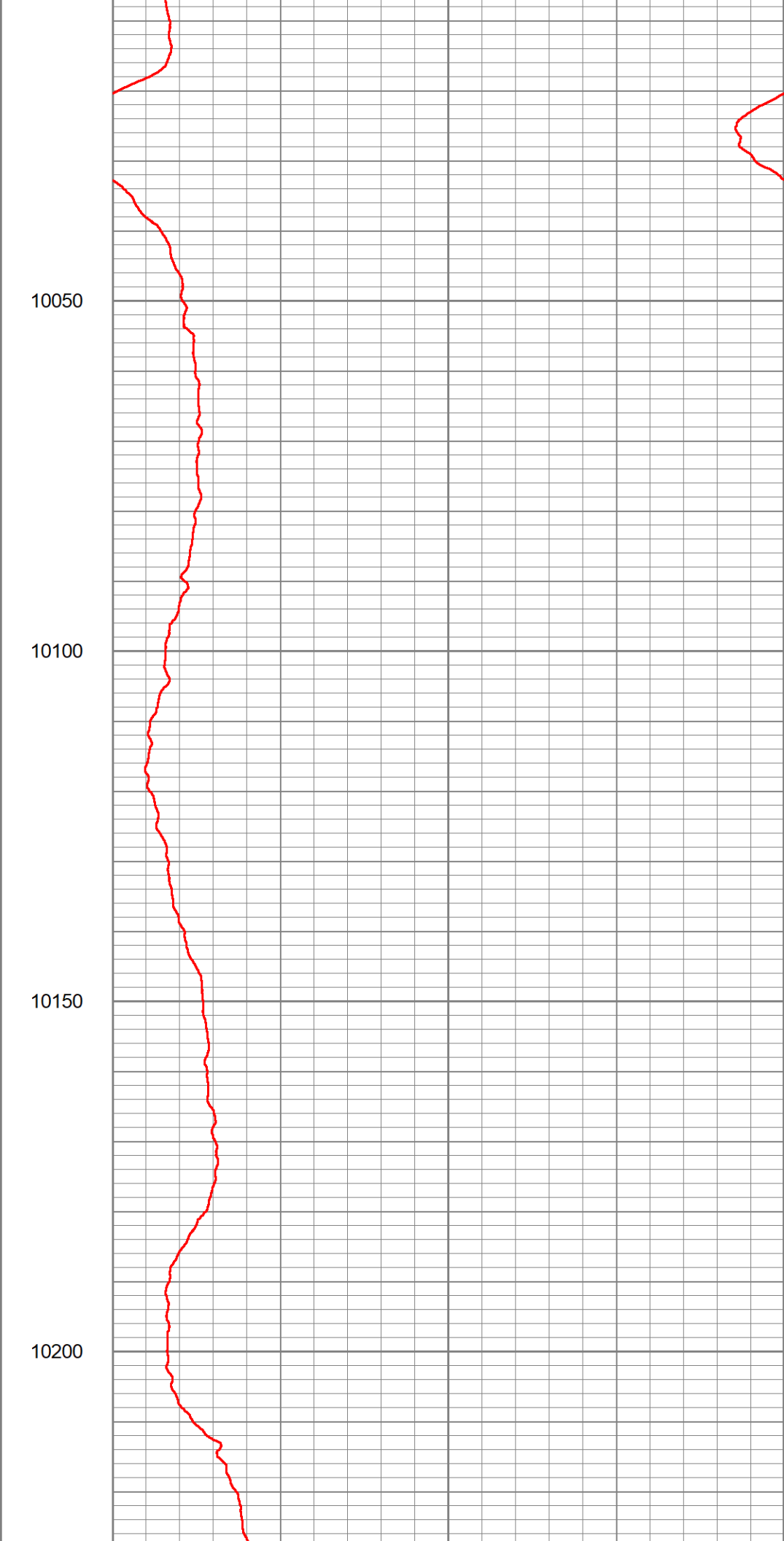
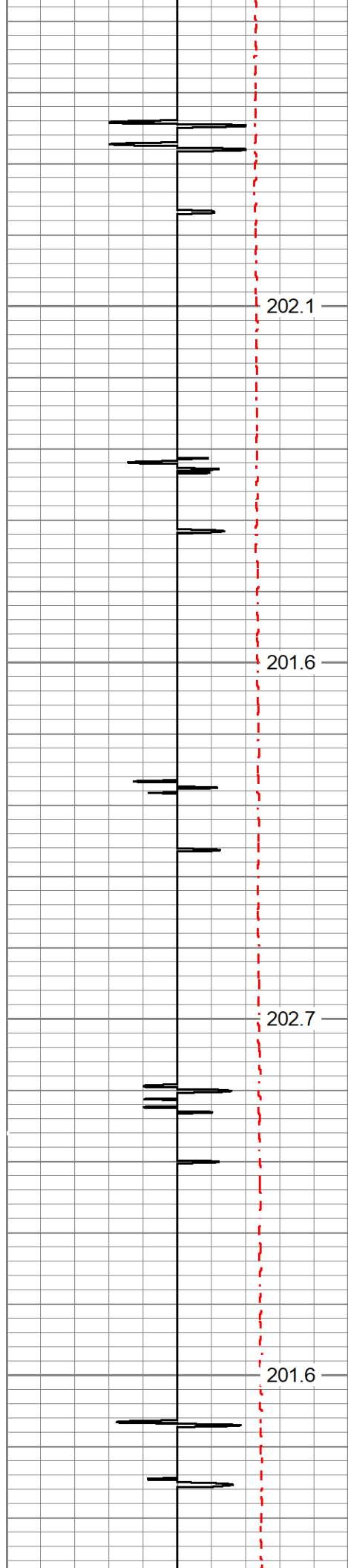
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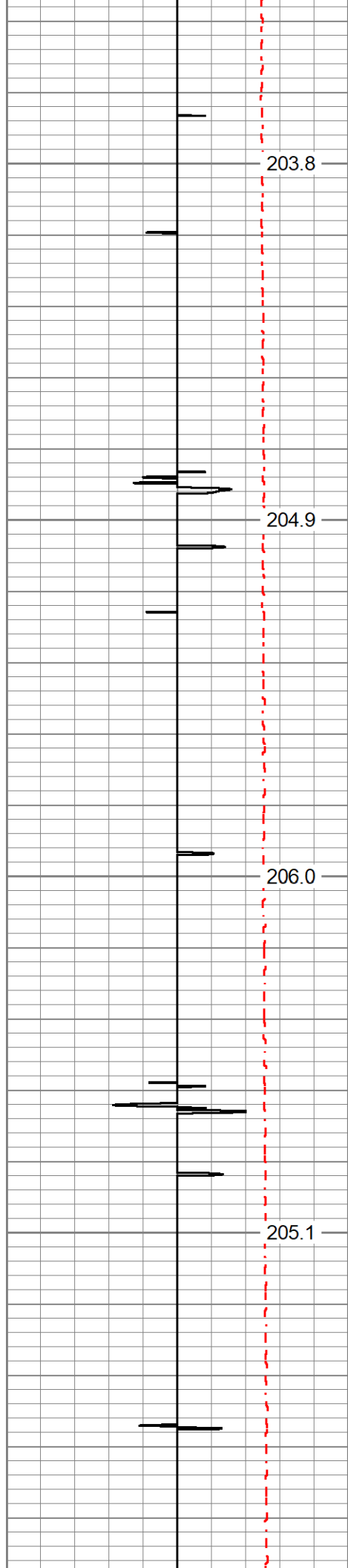
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9950

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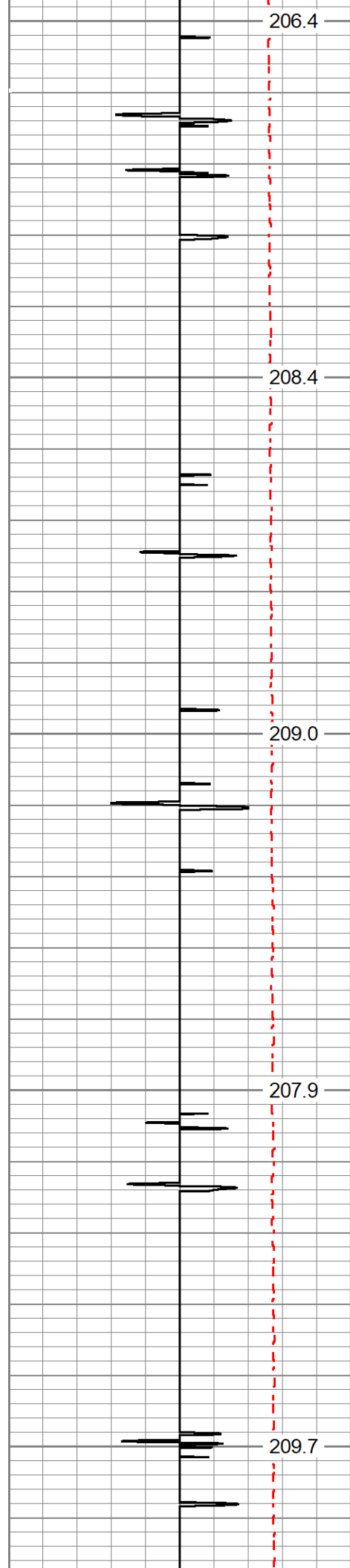


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10300

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10400



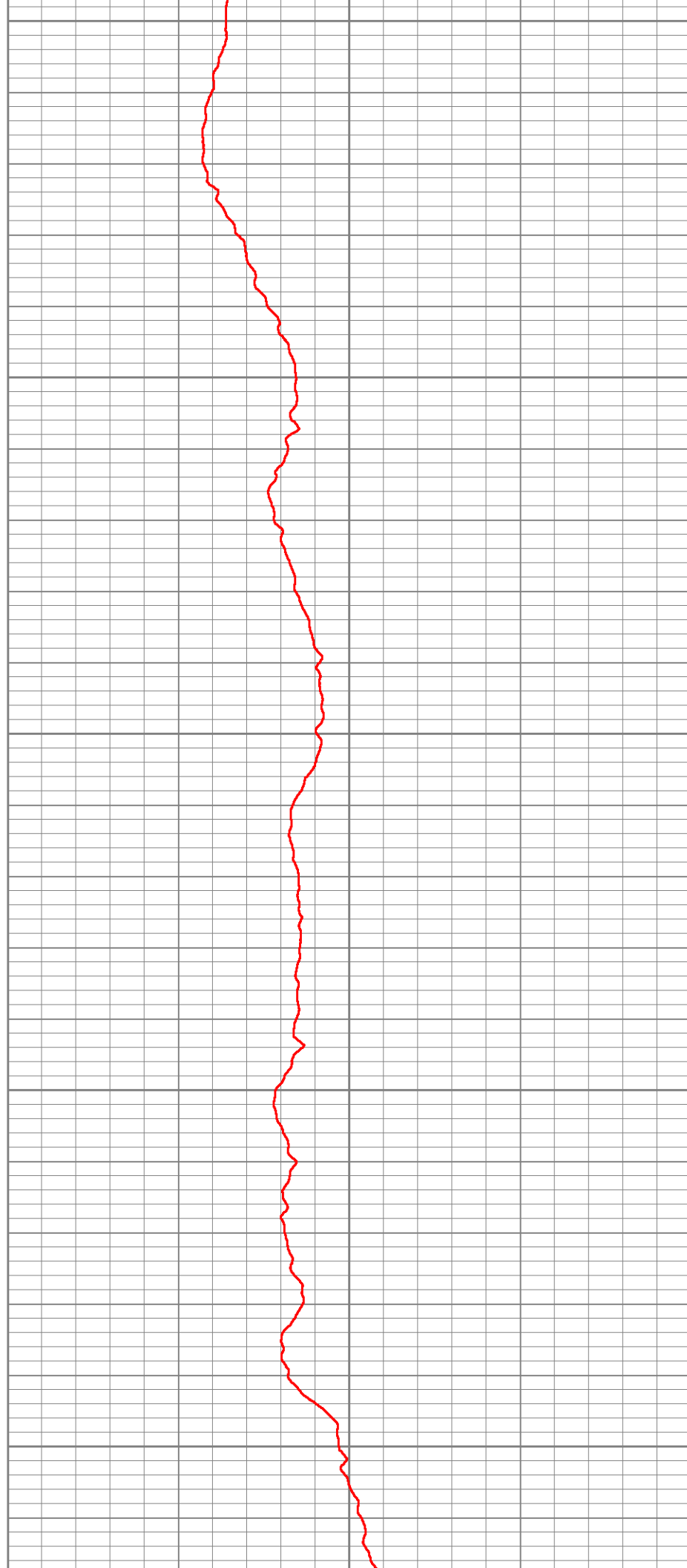
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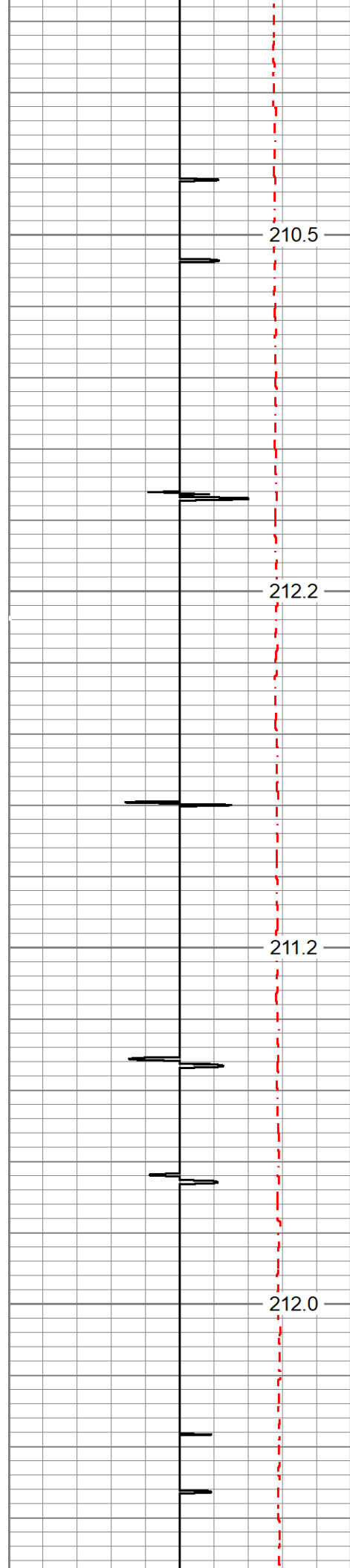
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10650



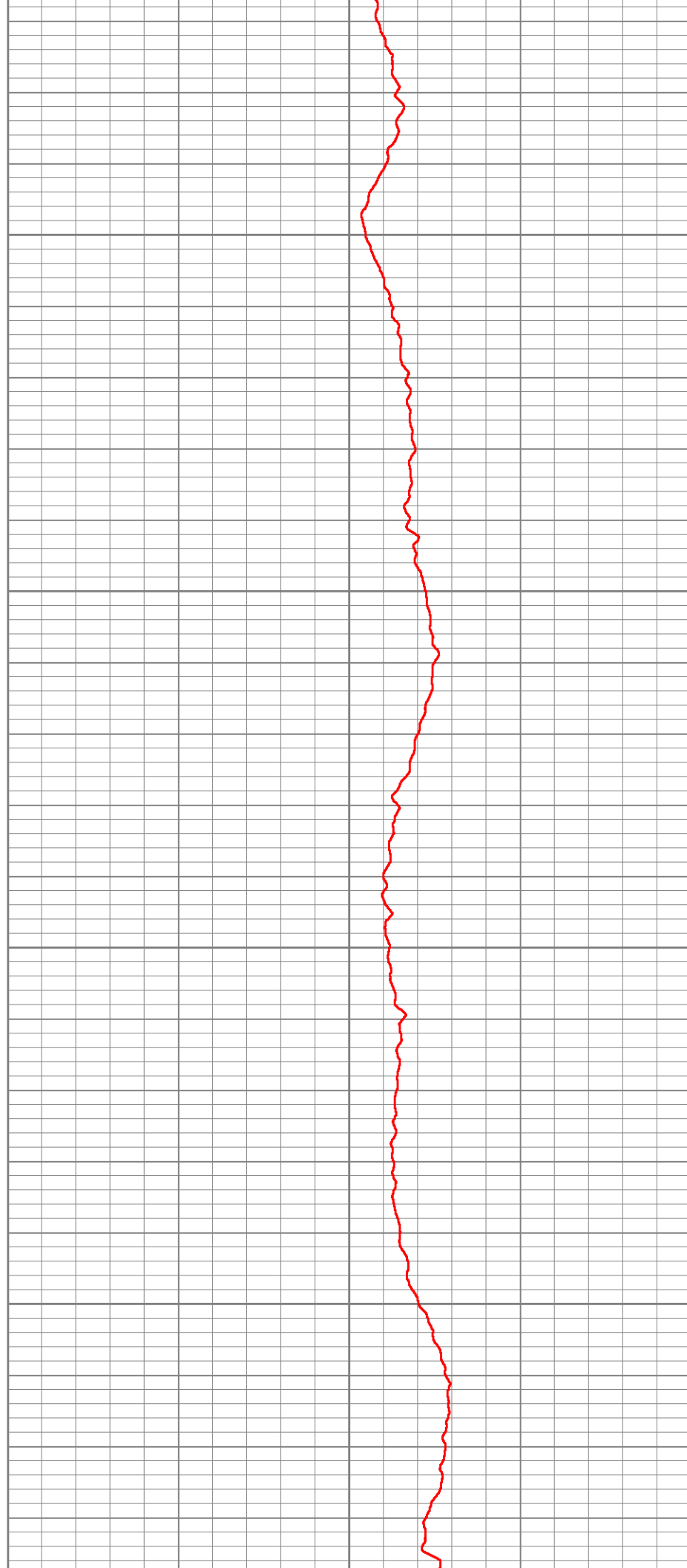


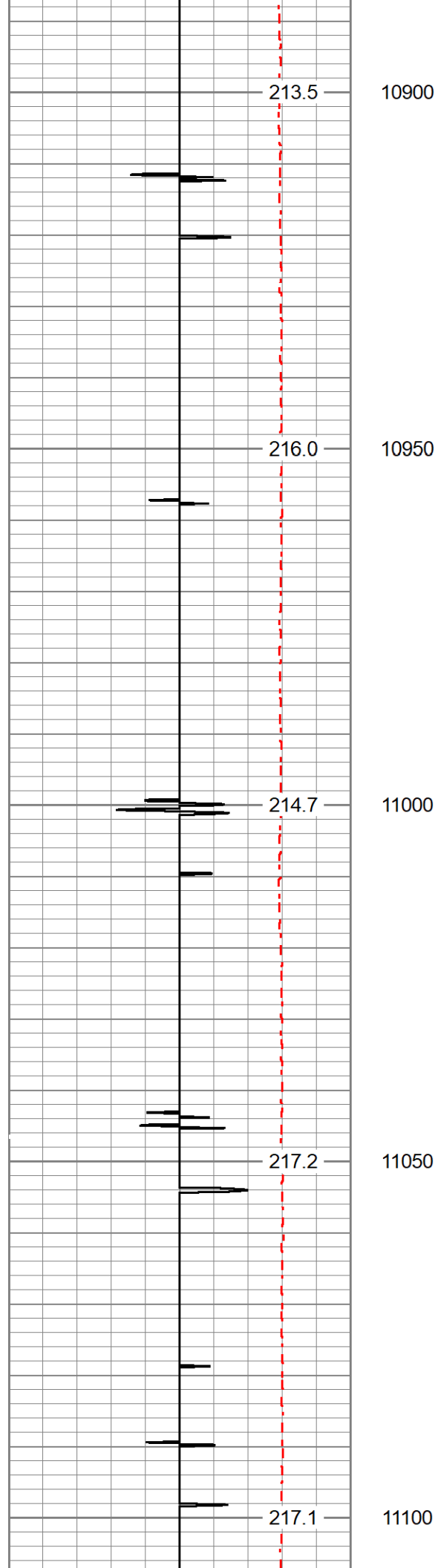
10700

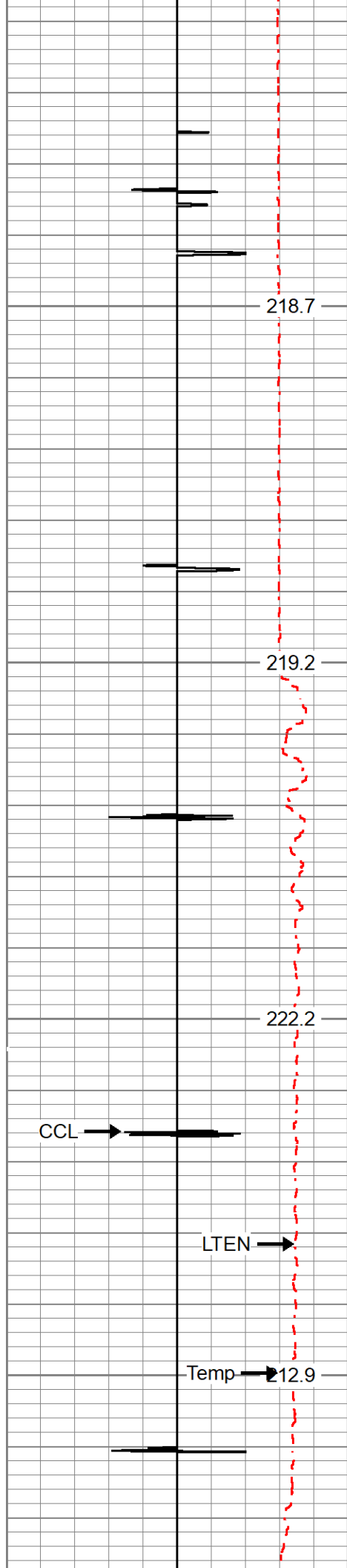
10750

10800

10850





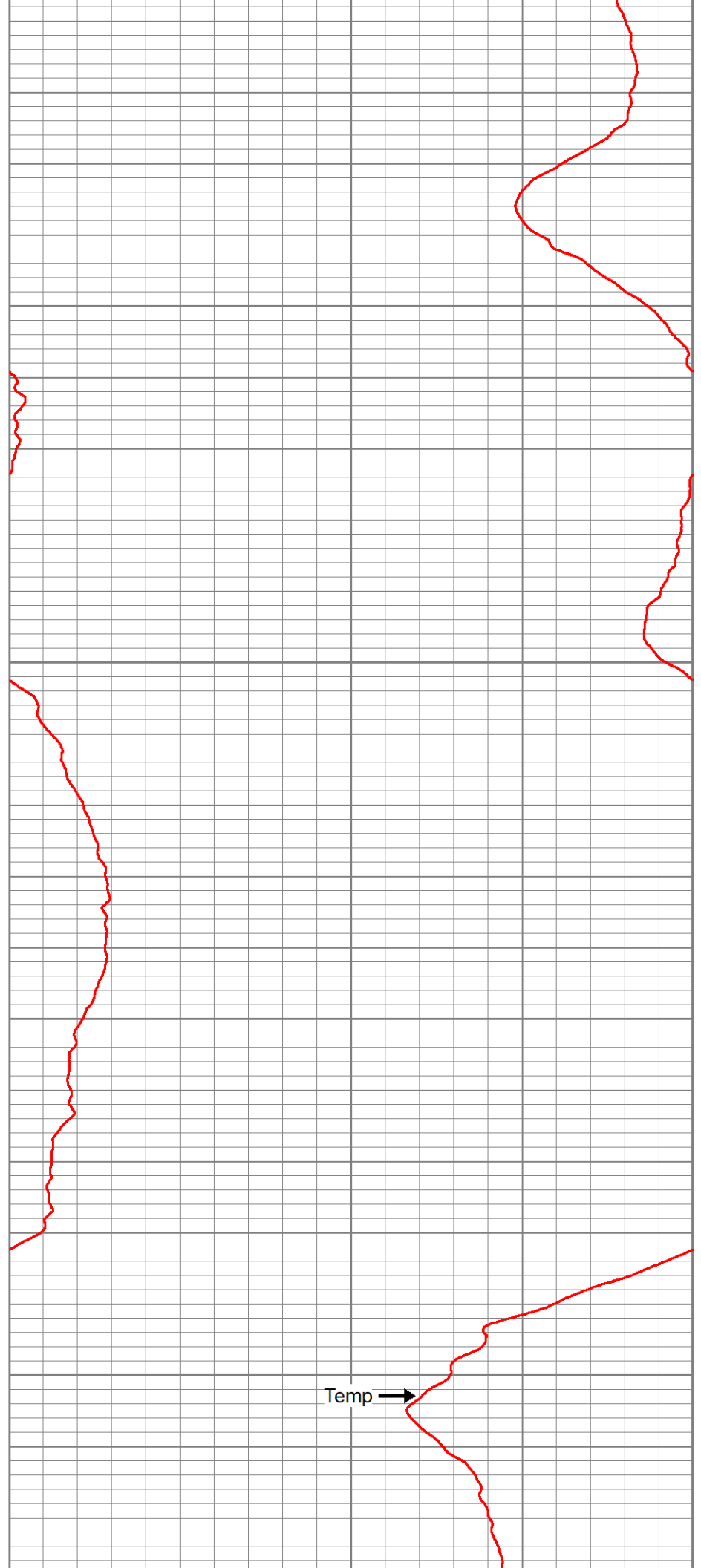


11150

11200

11250

11300

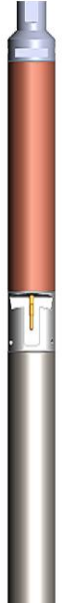


5	CCL\$1	-5	100	GCT_Temp (degF)	120
0	LTEN (lb)	1500			
		GCT_Temp (degF)			

Calibration Report	
Database File	tep_fed_wmc_512-20_temp_10-14-22.db
Dataset Pathname	main
Dataset Creation	Fri Oct 14 08:04:22 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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_HV	5.67					
CCL\$2	4.68					
CCL\$1	4.68					
GCT_TEMP	3.79					
GR	2.99		GCacc-GCTacc_6-Pin-Base (110255) Probe 2.75" Gamma Ray - CCL w/ Temp and 6 Pin Bottom	5.00	2.75	

GCT_IntTemp	1.95							
GCT_ACCZ	0.28							
GCT_ACCY	0.28							
GCT_ACCX	0.28							
GCT_FMWR	0.00							
Error_Ct	0.00							