



Temperature
Casing Collar Log

Company		TEP Rocky Mountain LLC	
Well		Federal WMC 412-20	
Field		Rulison	
County		Garfield	
State		Colorado	
Location:		API # : 05-045-24495	
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-OCT-2022		
Run Number	One		
Depth Driller	11357 FT		
Depth Logger	11280 FT		
Bottom Logged Interval	11280 FT		
Top Log Interval	Surface		
Open Hole Size	8.75"		
Type Fluid	Water		
Density / Viscosity	8.34 Lb/Gal		
Max. Recorded Temp.	231 °F		
Estimated Cement Top	5580 FT		
Time Well Ready	ROA		
Time Logger on Bottom	21:00		
Equipment Number	8047		
Location	Grand Junction		
Recorded By	P. Edwards		
Witnessed By	C. Borgstede		
Borehole Record		Tubing Record	
Run Number	Bit From To	Size	Weight From To
Casing Record	Size	Mgt/ft	Top Bottom
Surface String	9-5/8"	36	Surface 1138 FT
Prot. String			
Production String	4-1/2"	11.6	Surface 11347 FT
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!

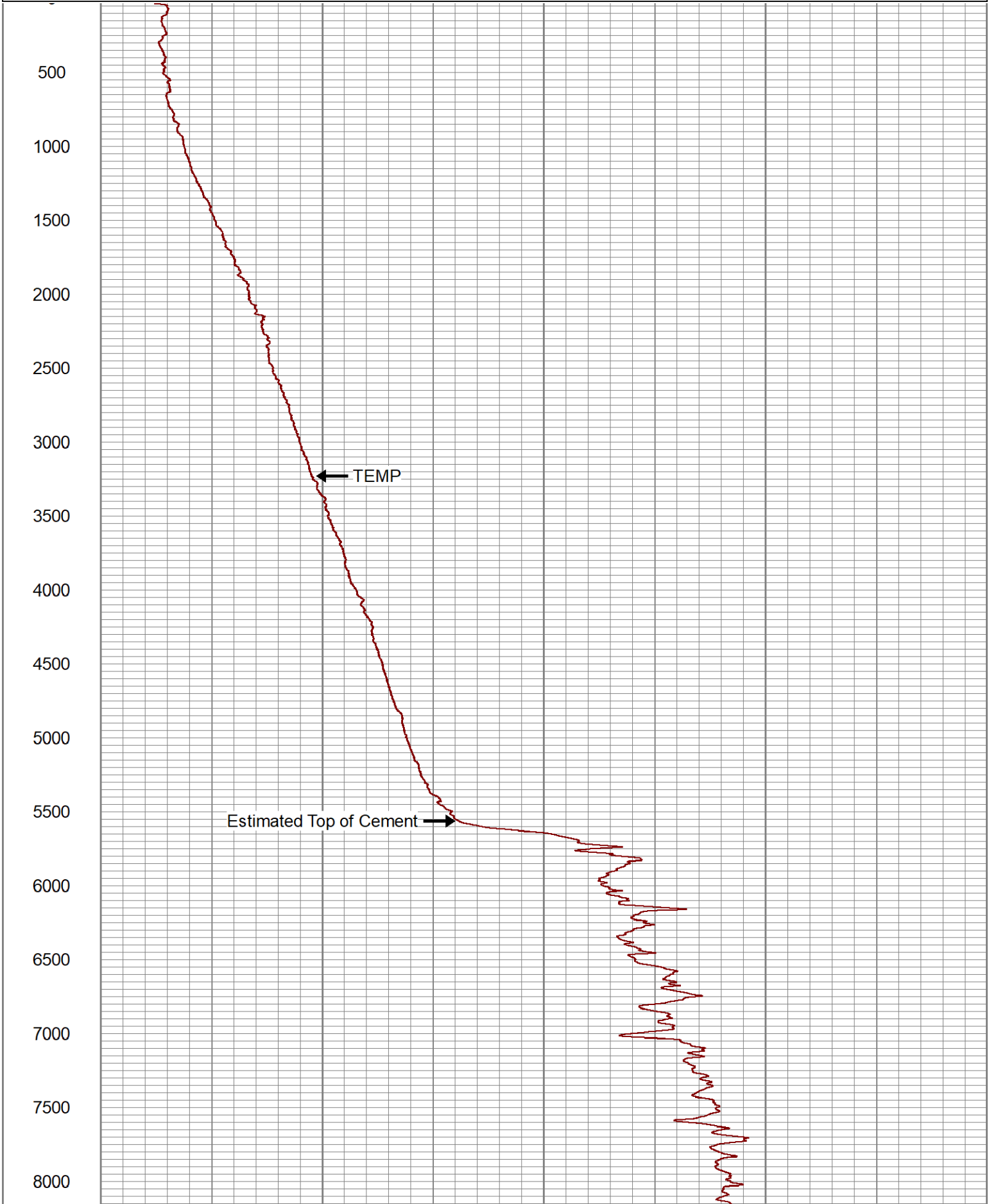


Main Pass (Quick Look)

50

GCT_Temp (degF)

250



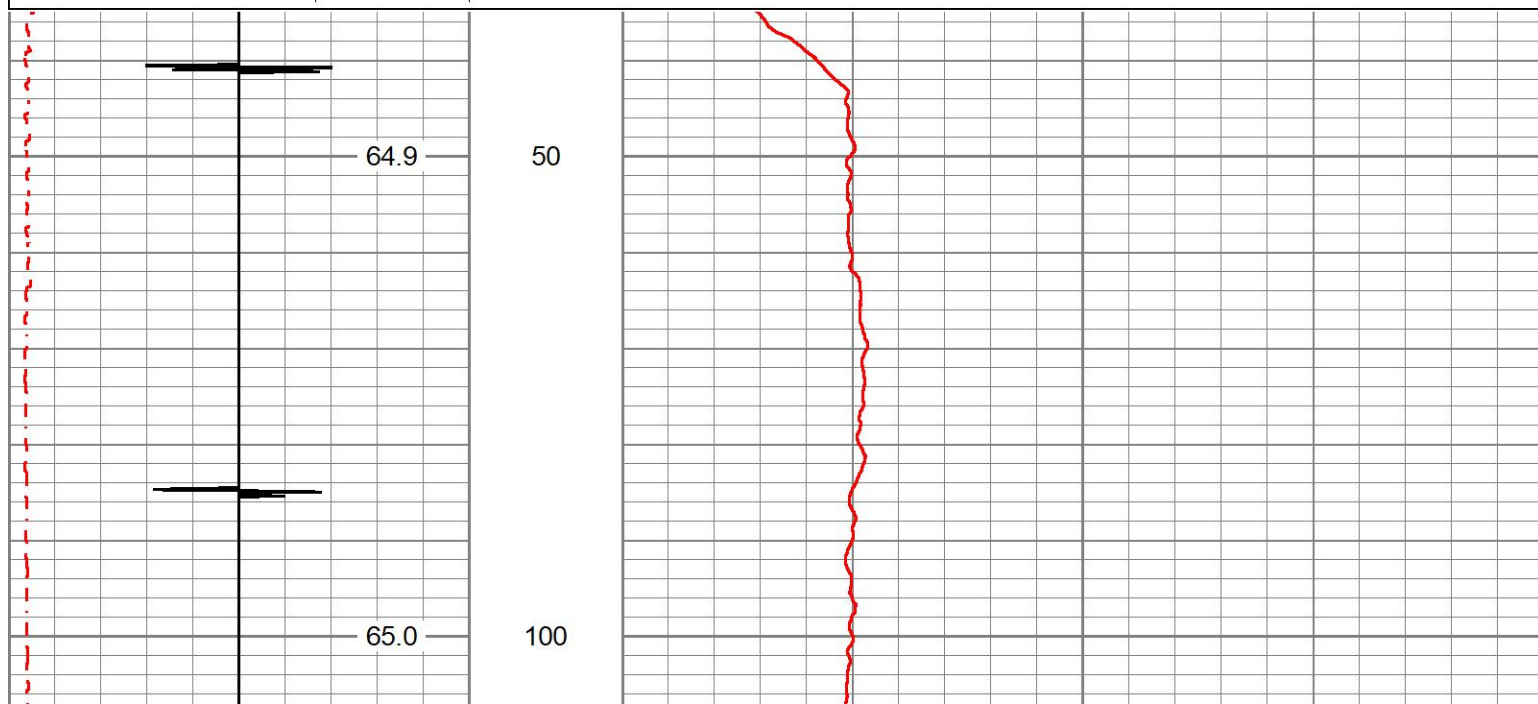


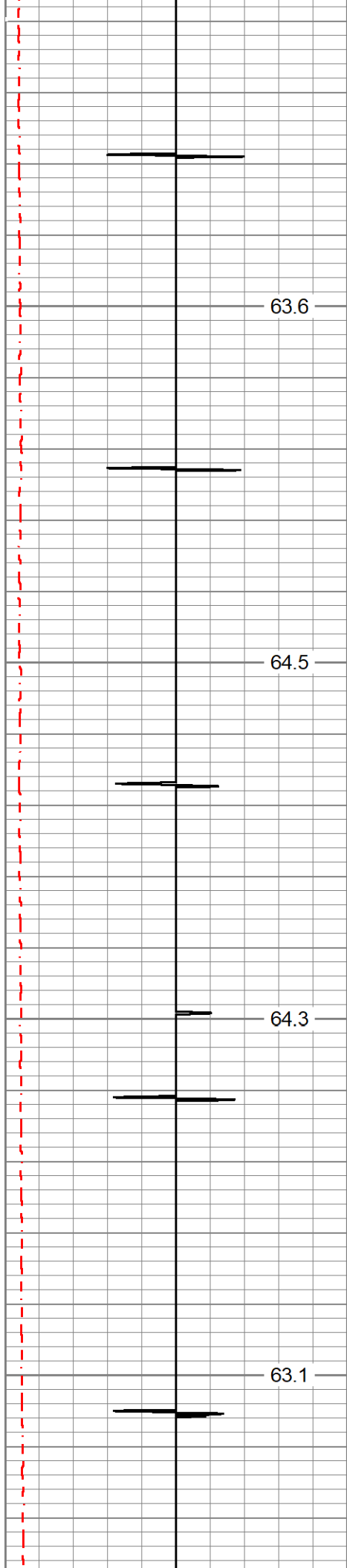


Main Pass

Database File	tep_fed_wmc_412-20_temp_10-20-22.db
Dataset Pathname	main
Presentation Format	gct_tmp
Dataset Creation	Thu Oct 20 20:19:19 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)	



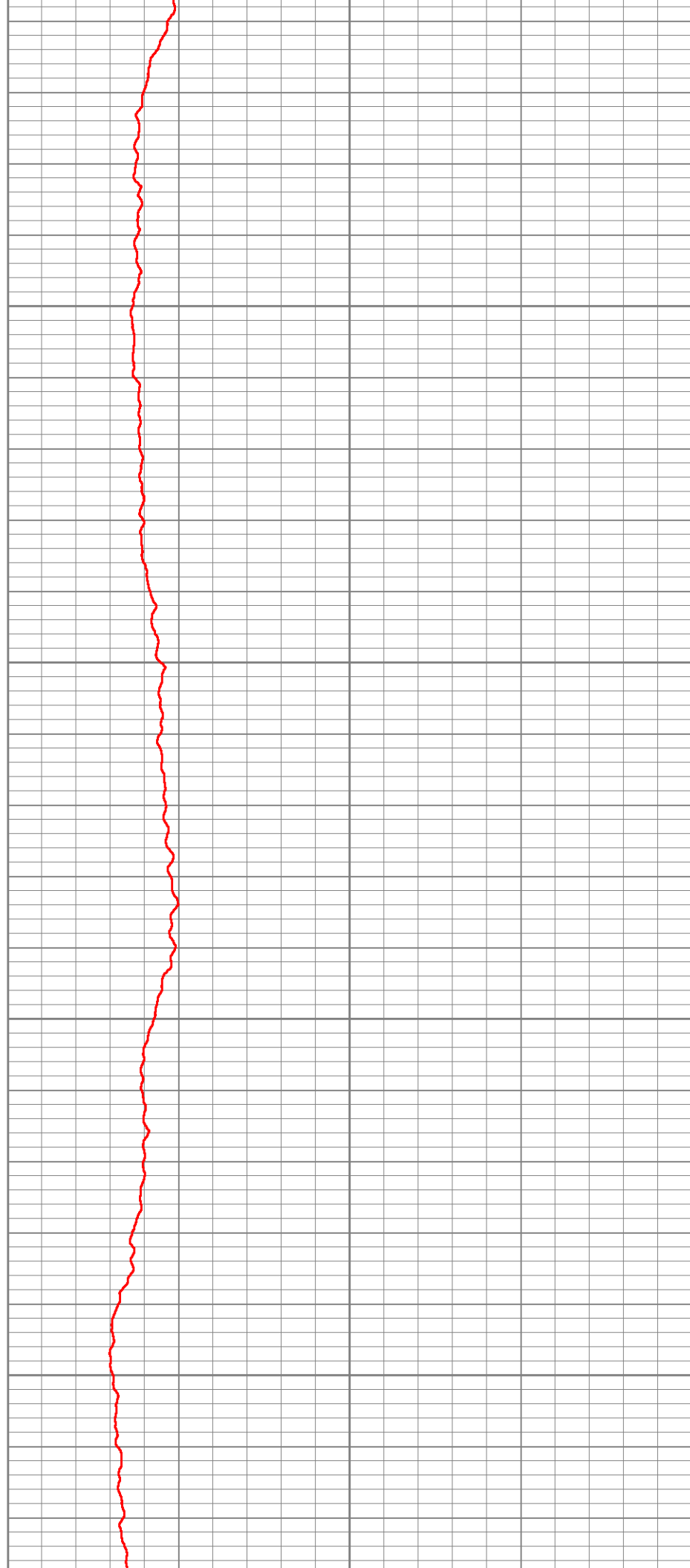


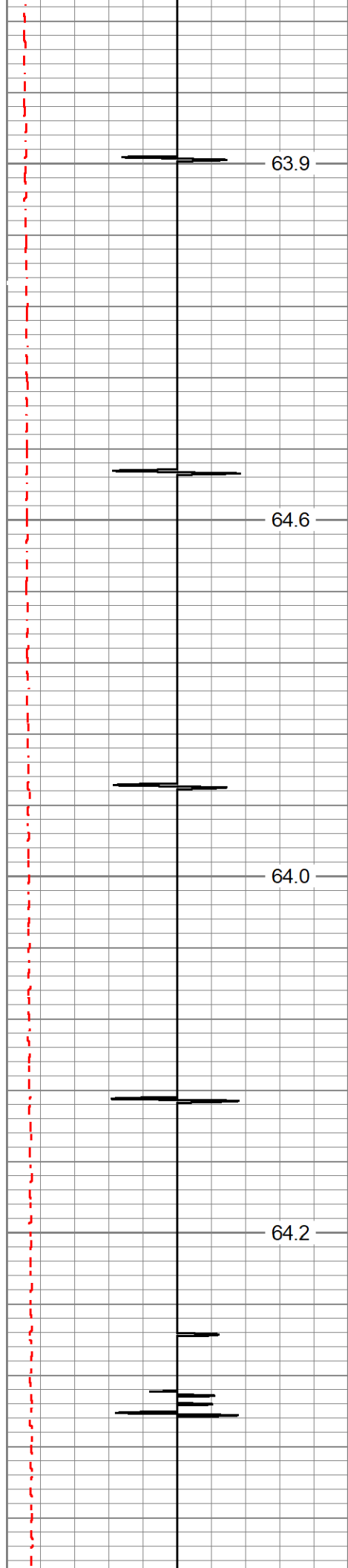
150

200

250

300



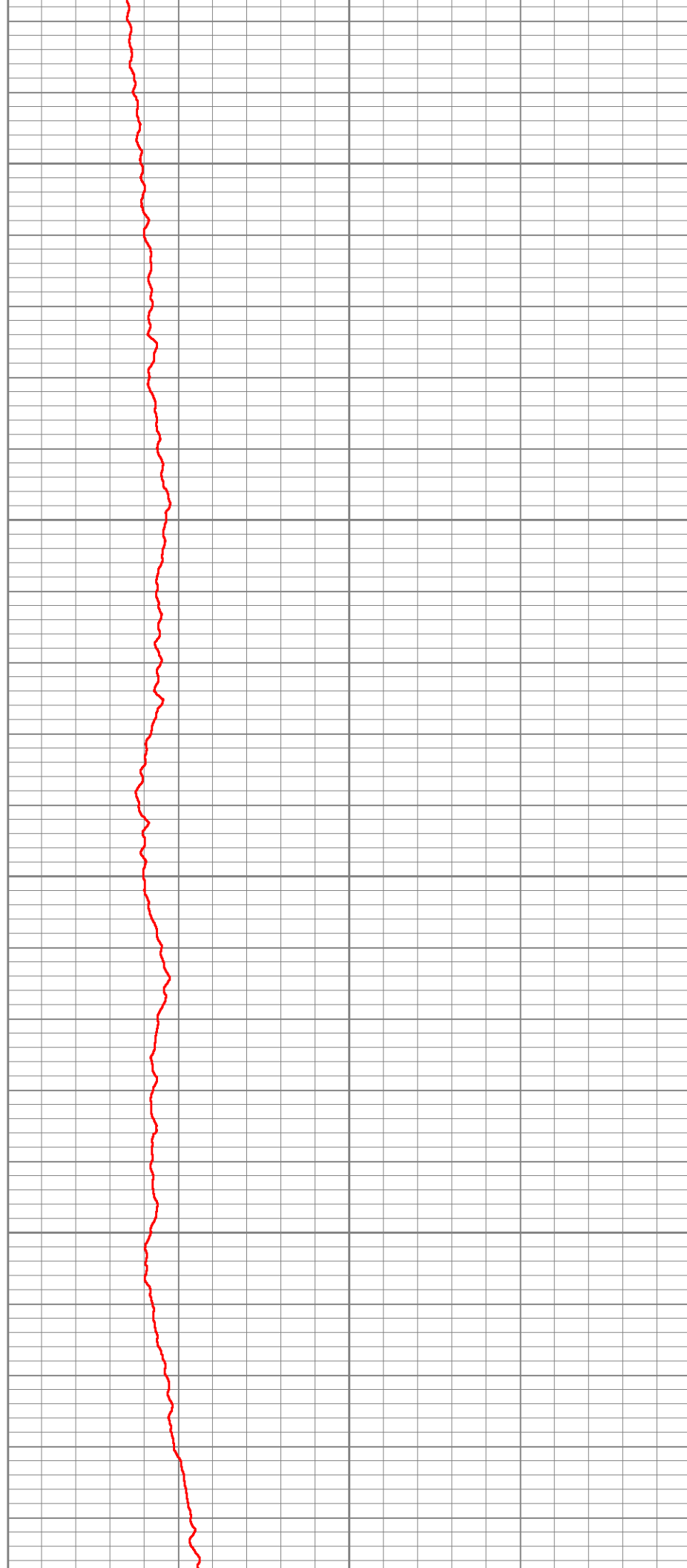


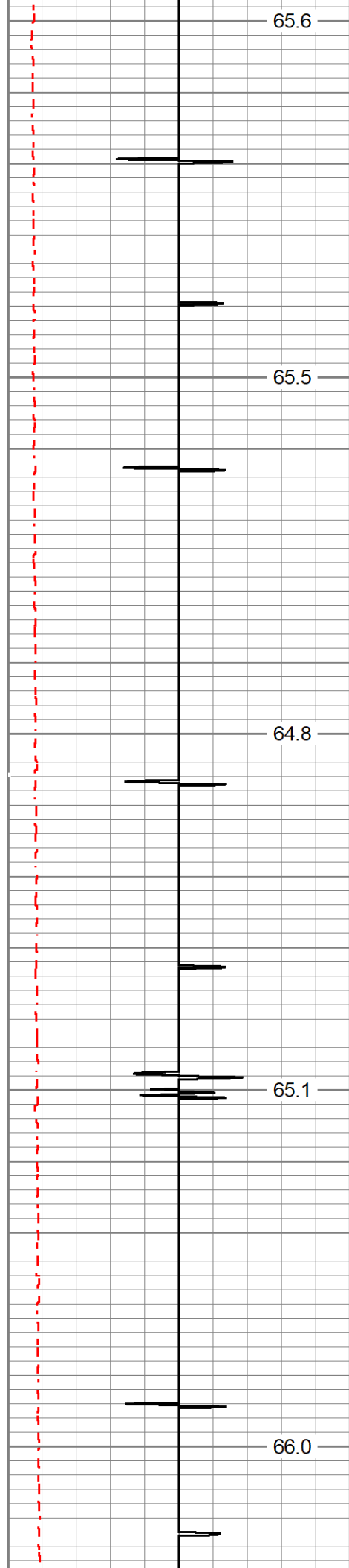
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400

450

500





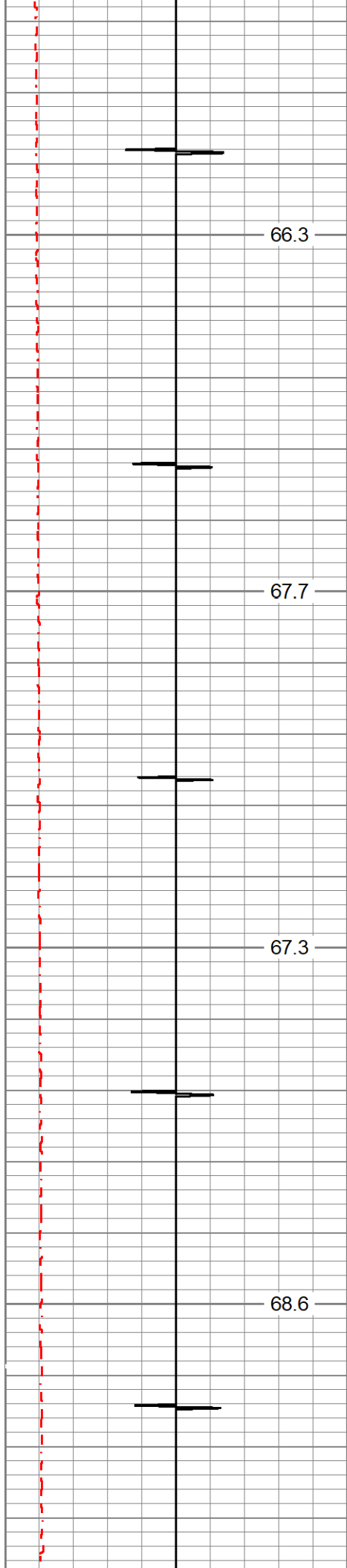
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600

650

700

750



66.3

67.7

67.3

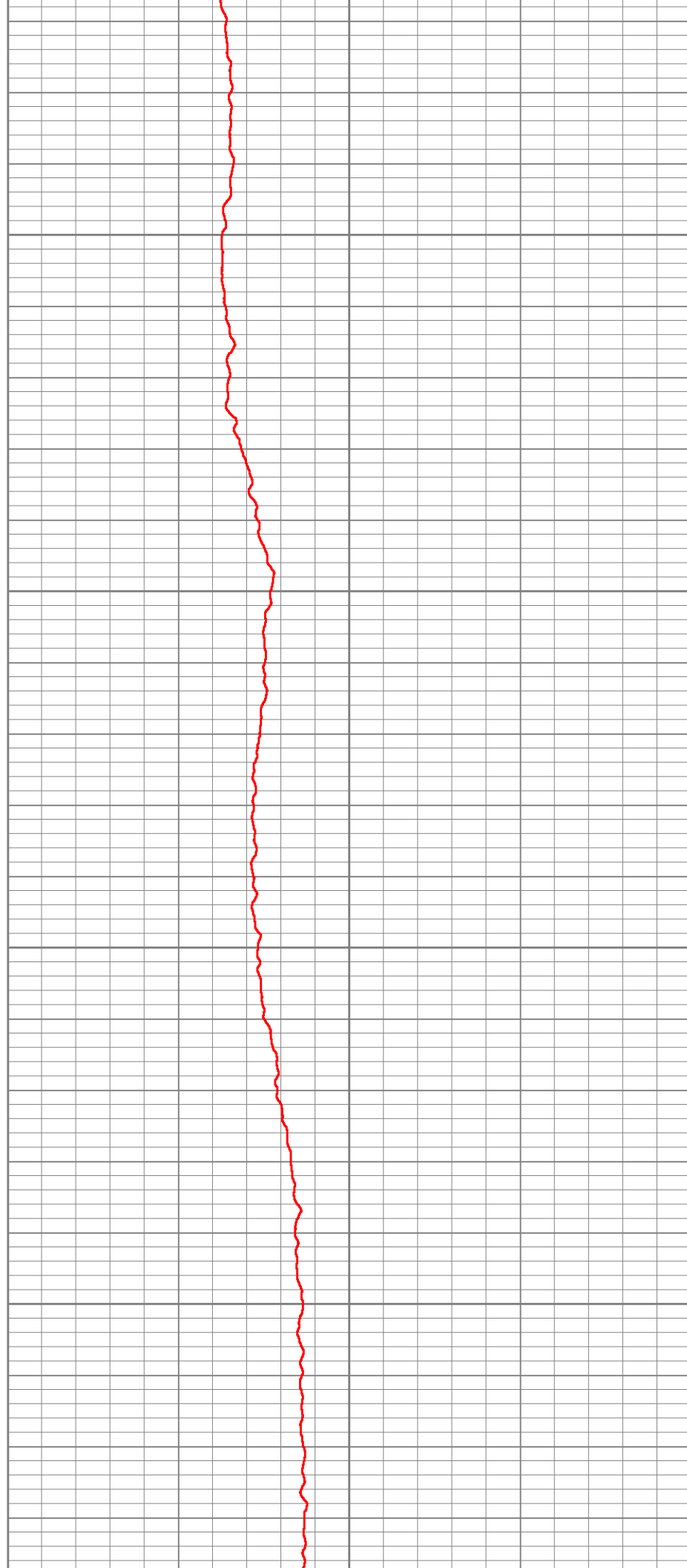
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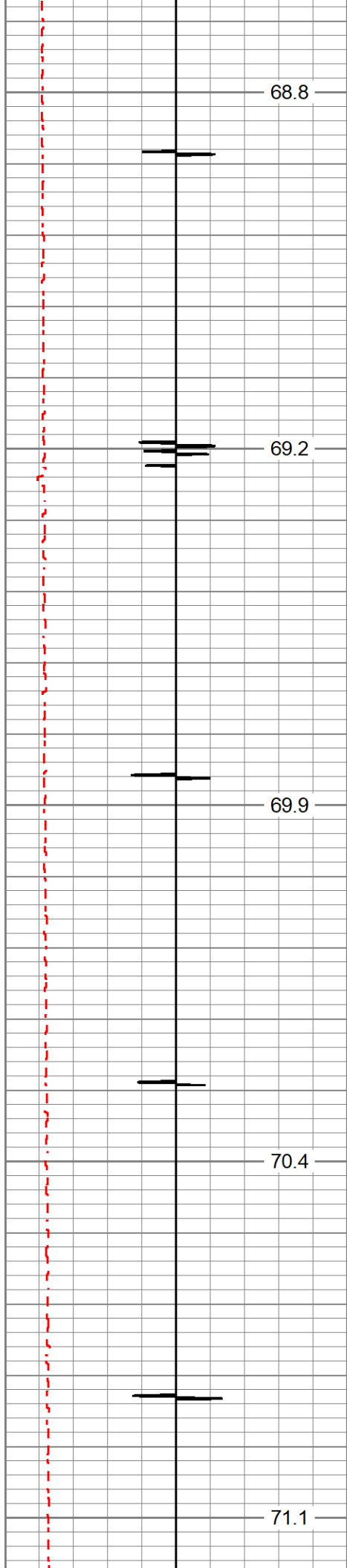
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850

900

950





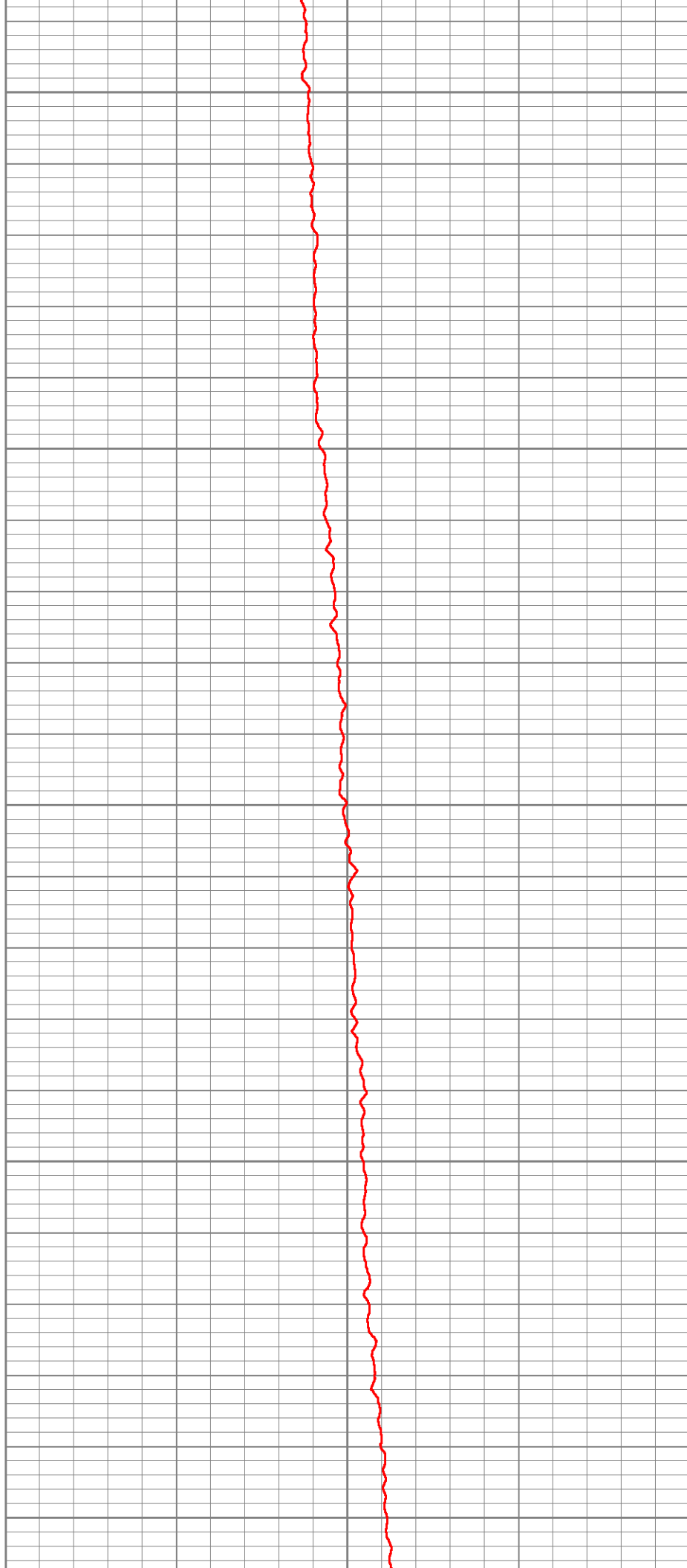
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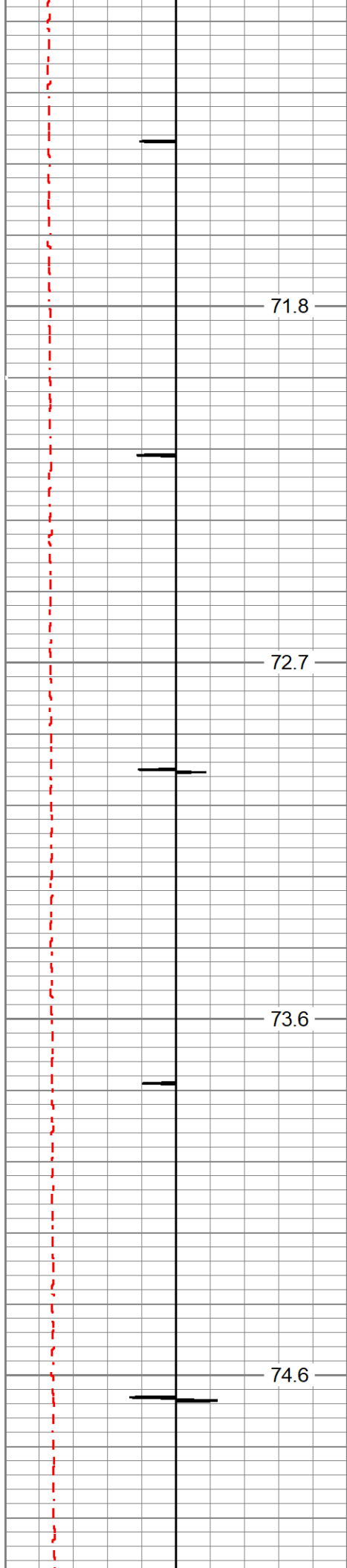
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1100

1150

1200



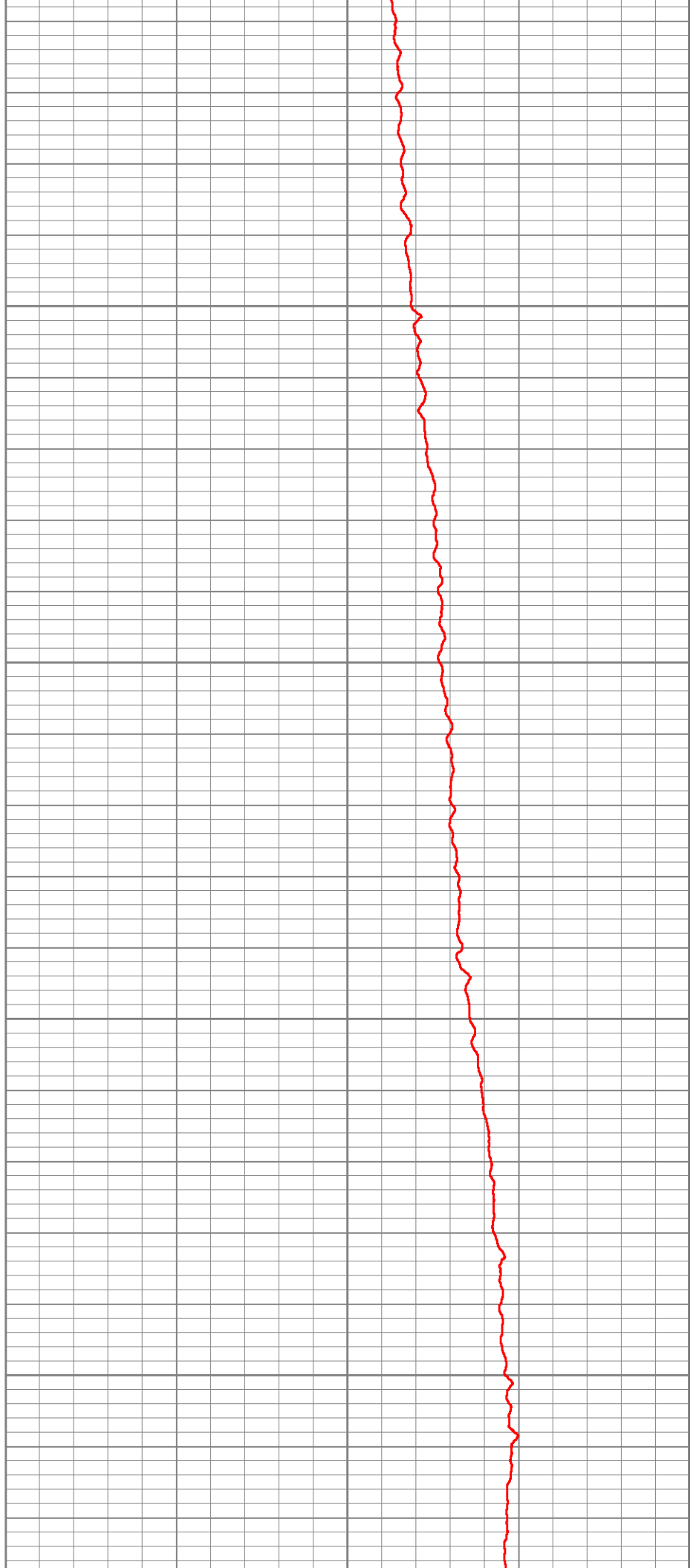


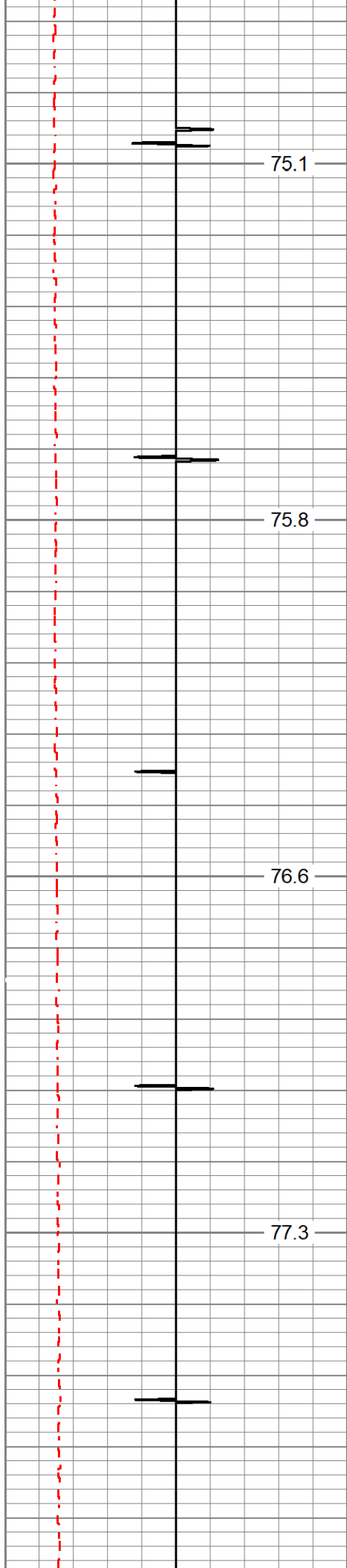
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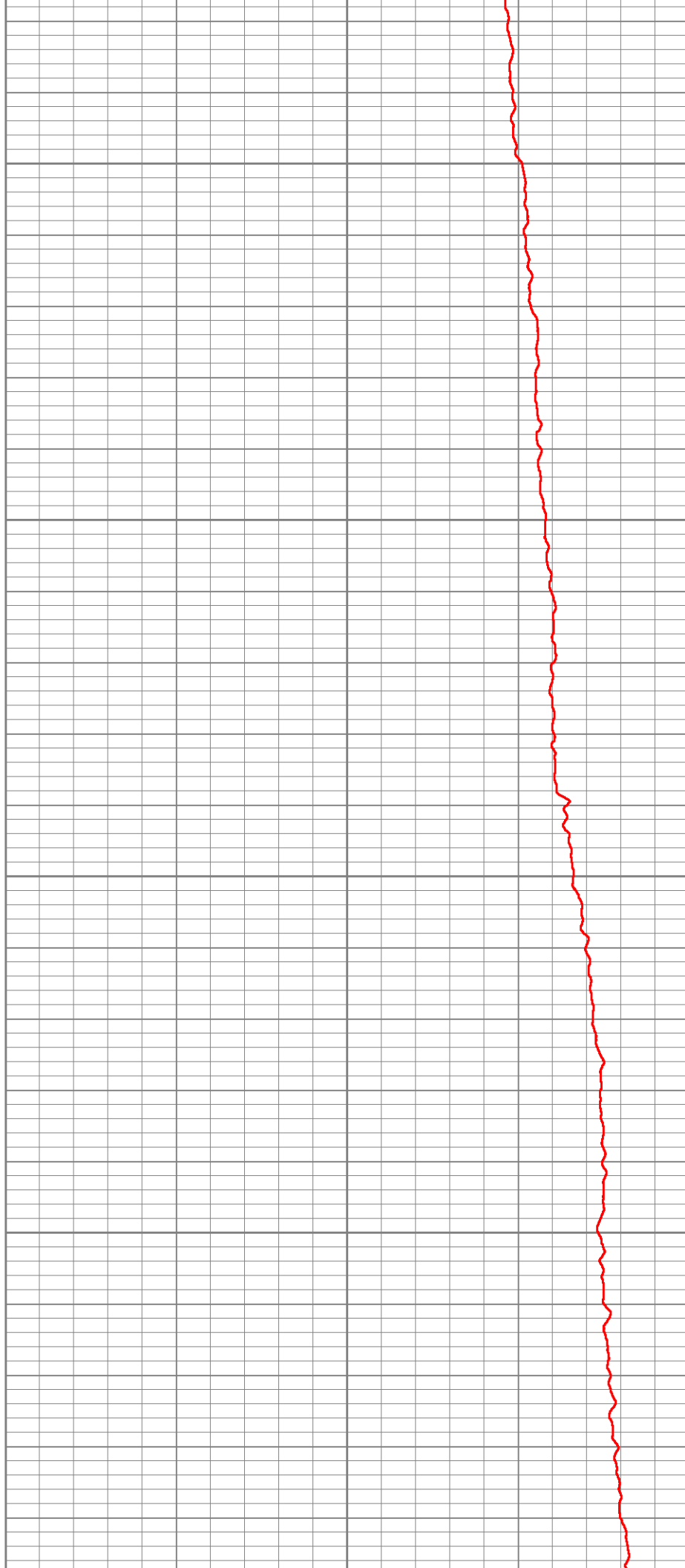


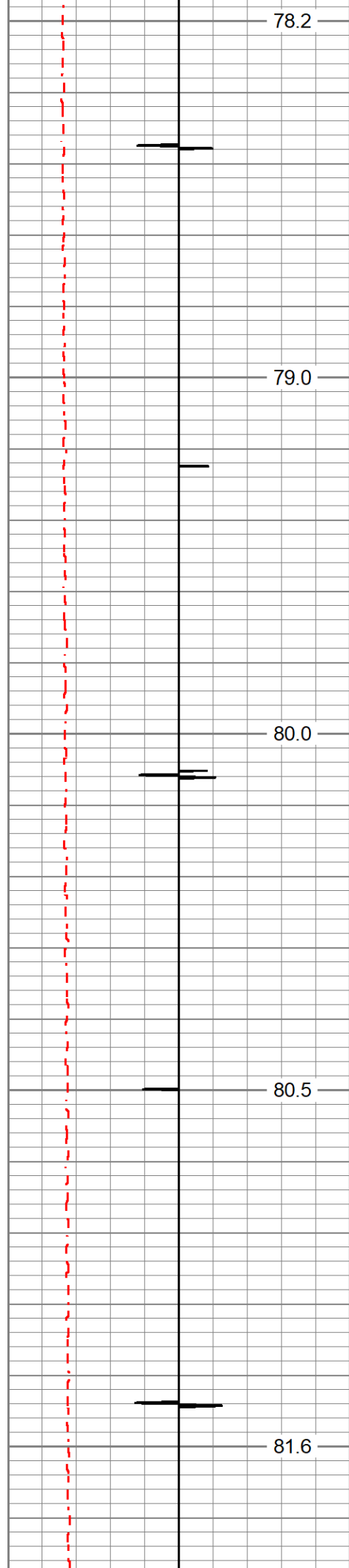
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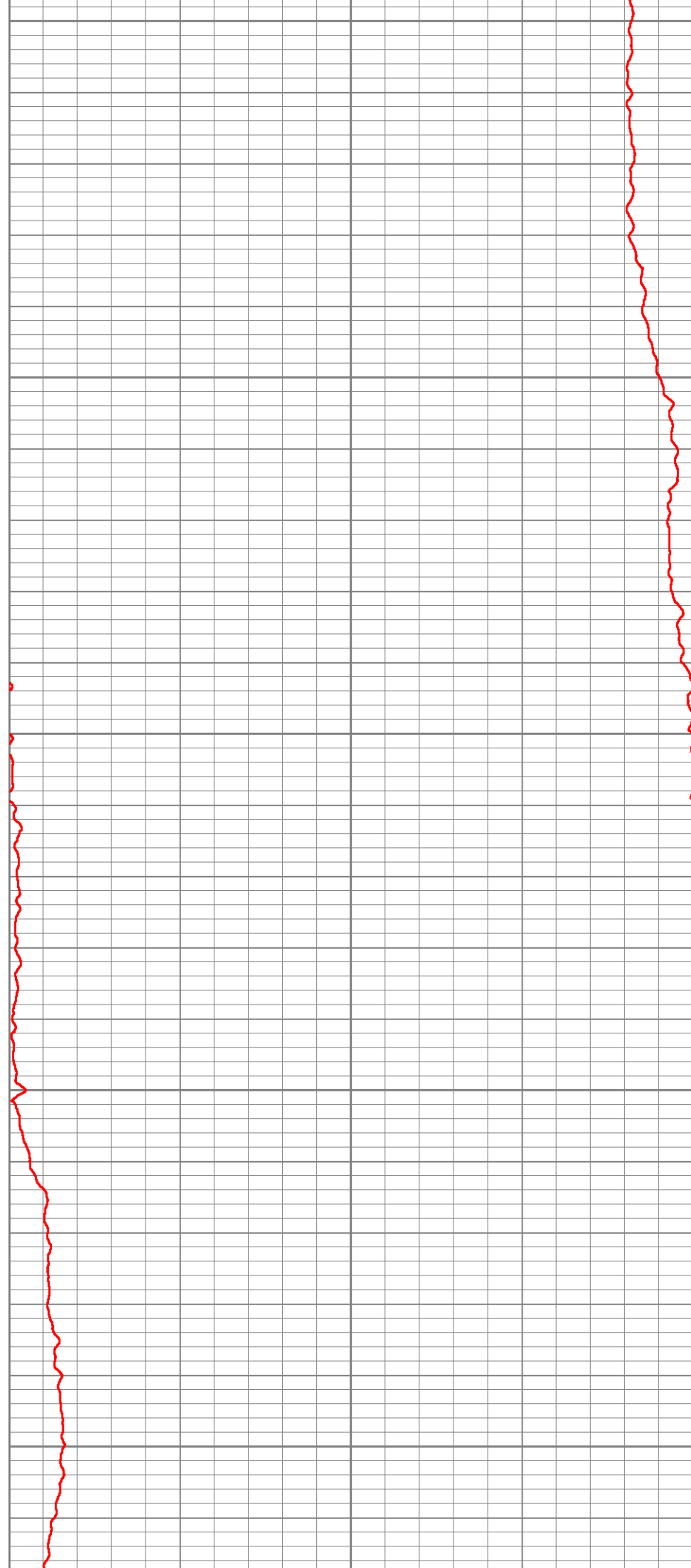
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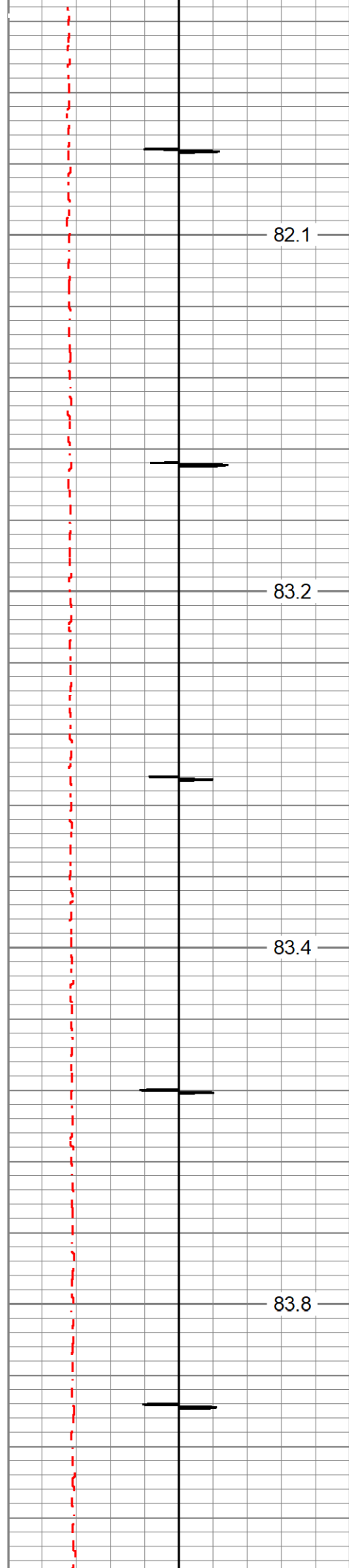
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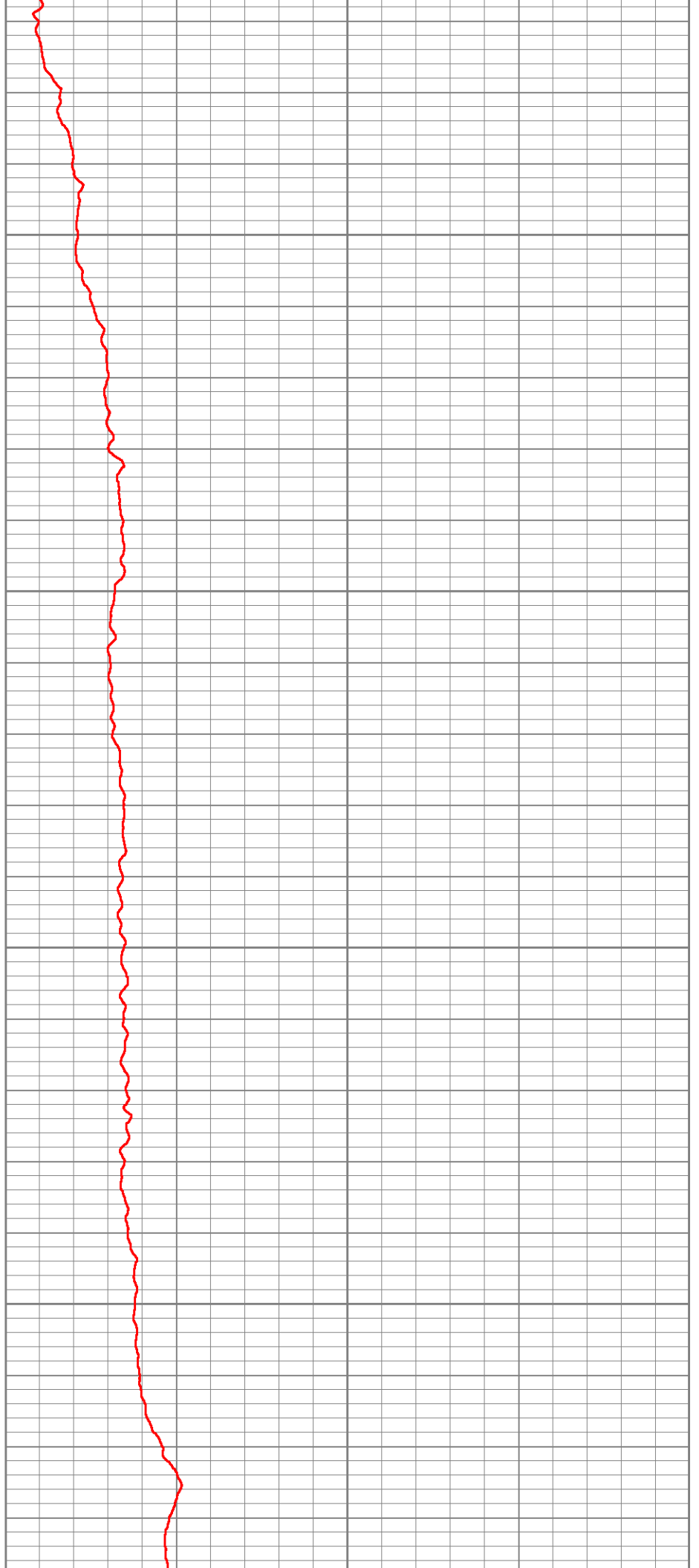


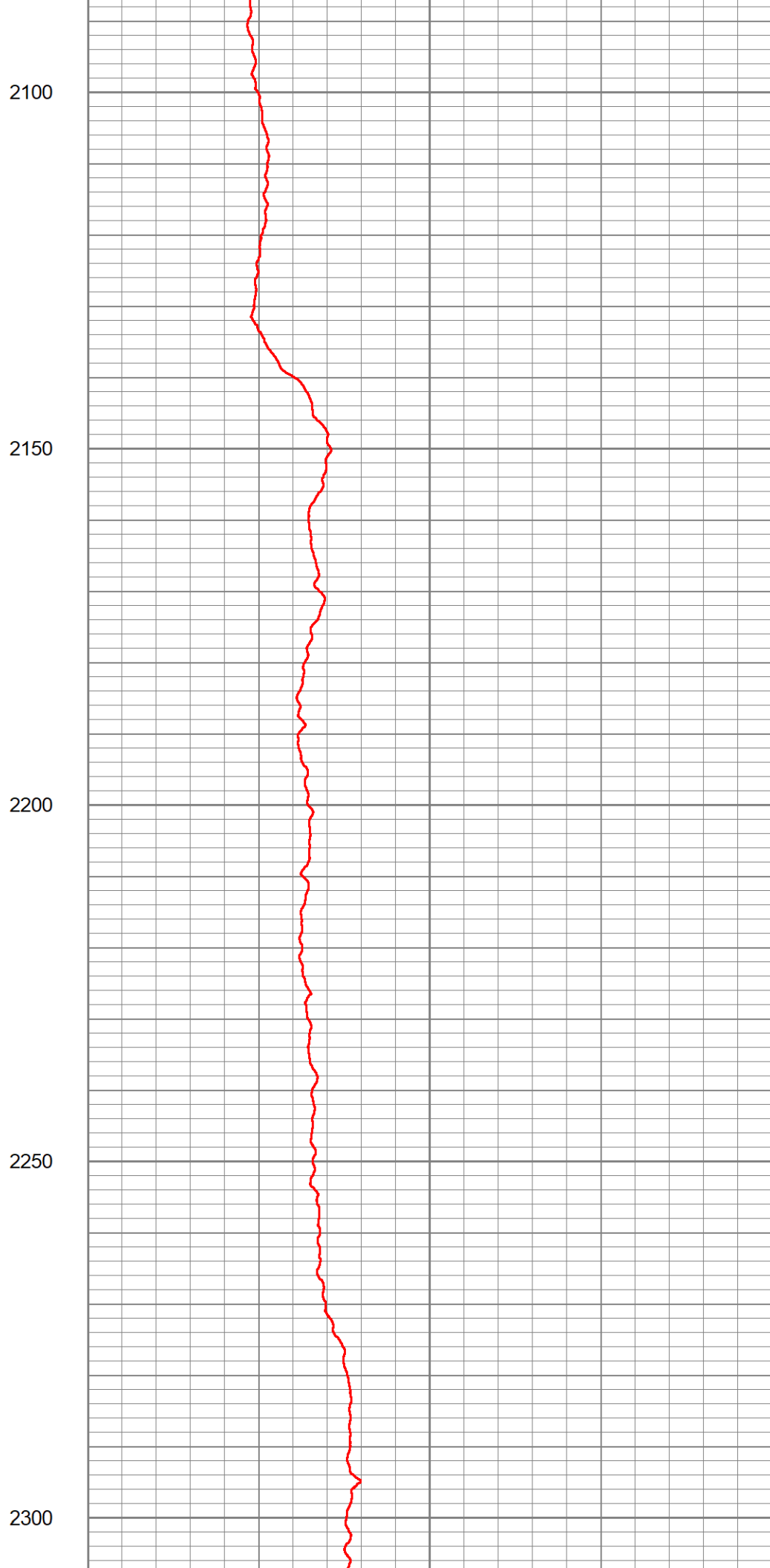
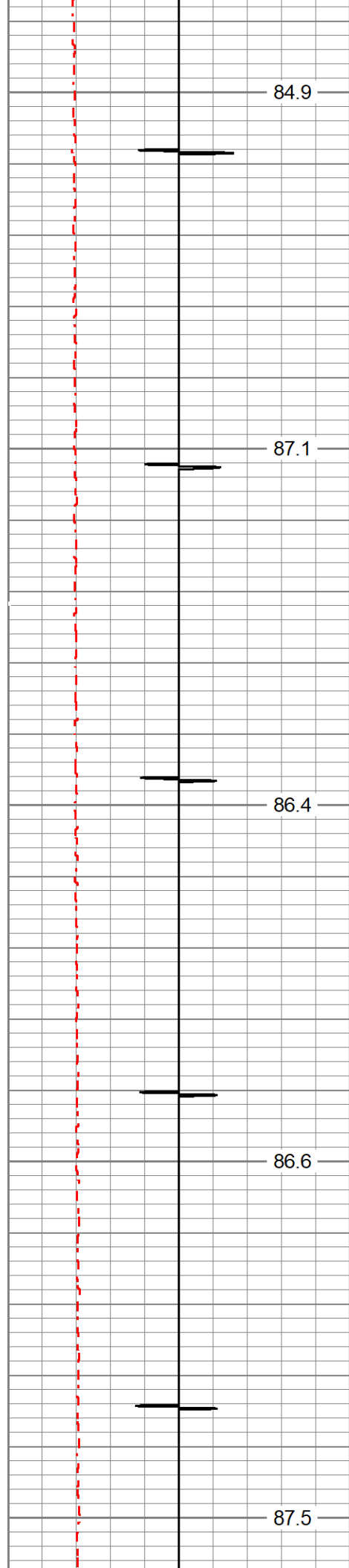
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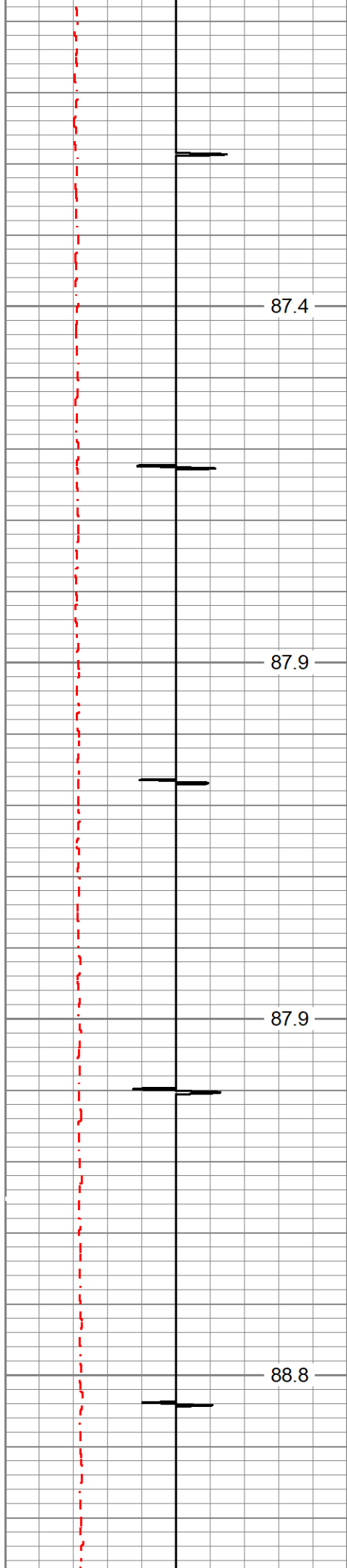
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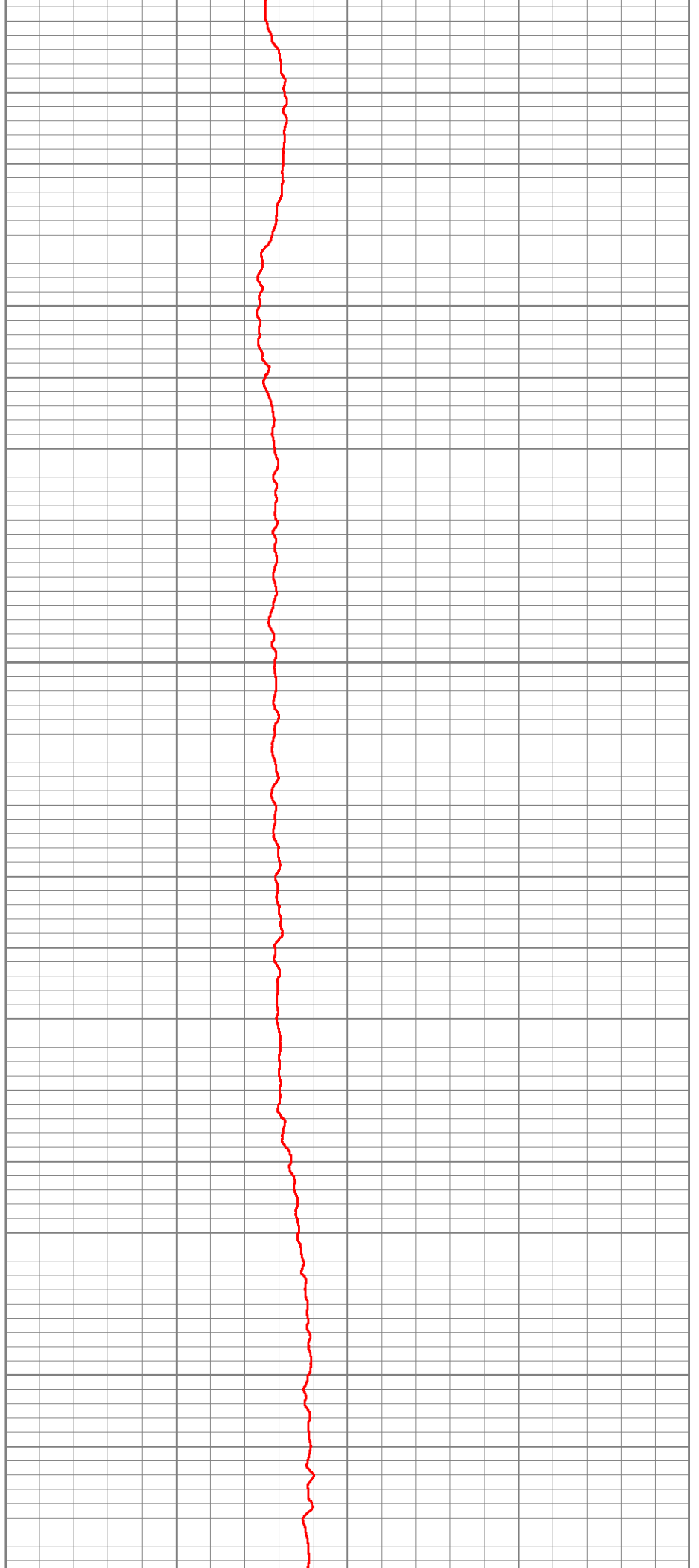


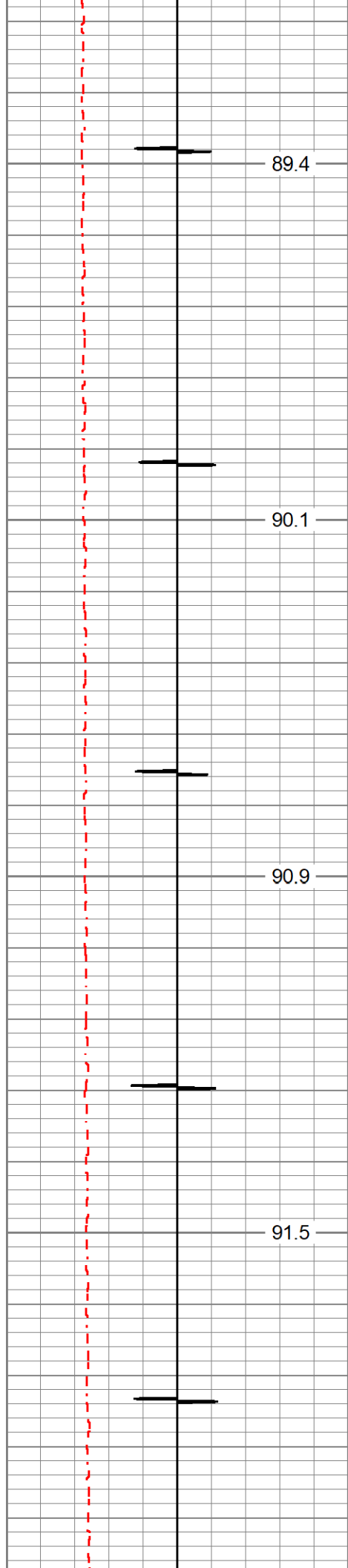
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89.4

90.1

90.9

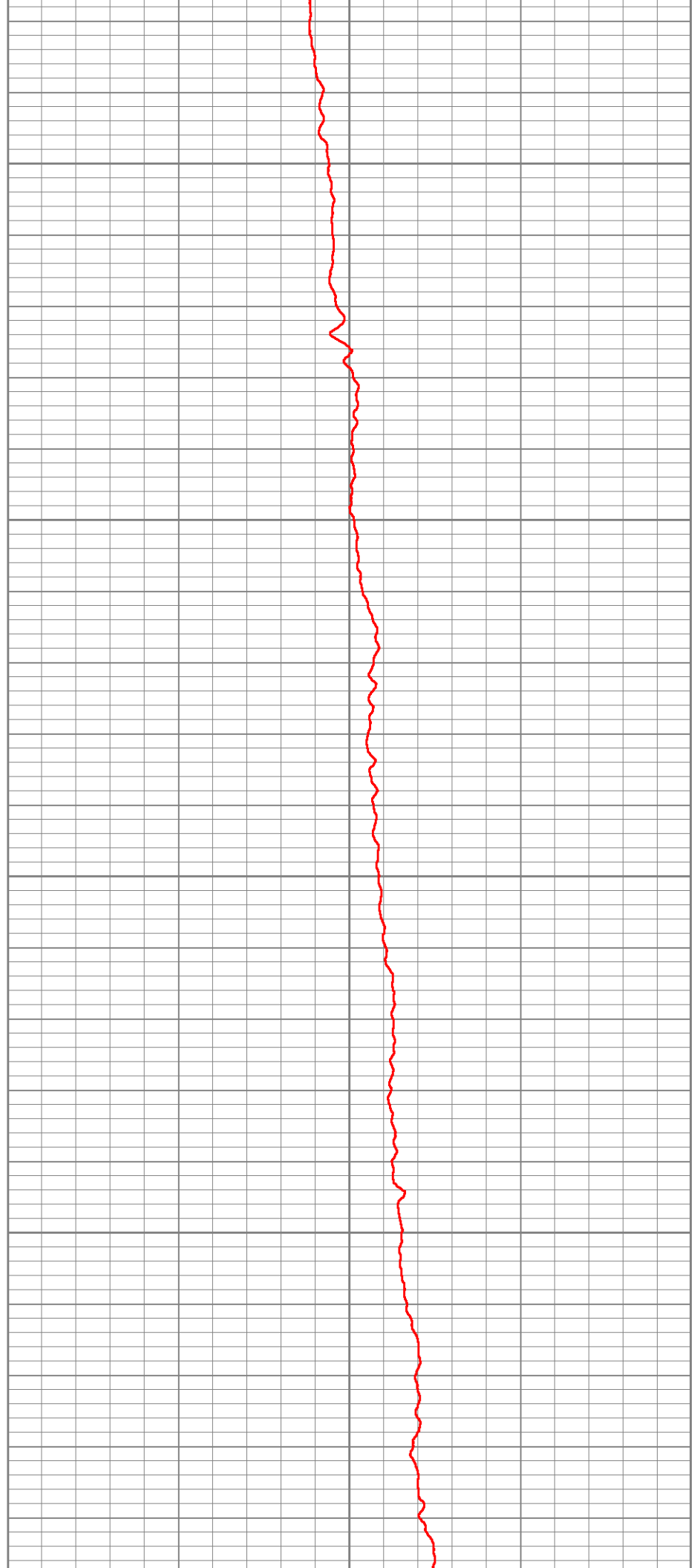
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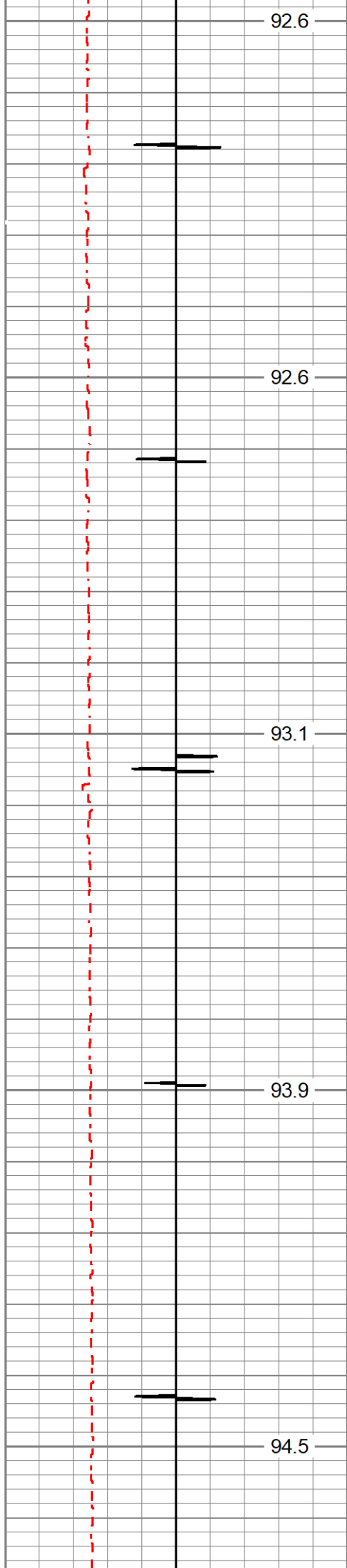
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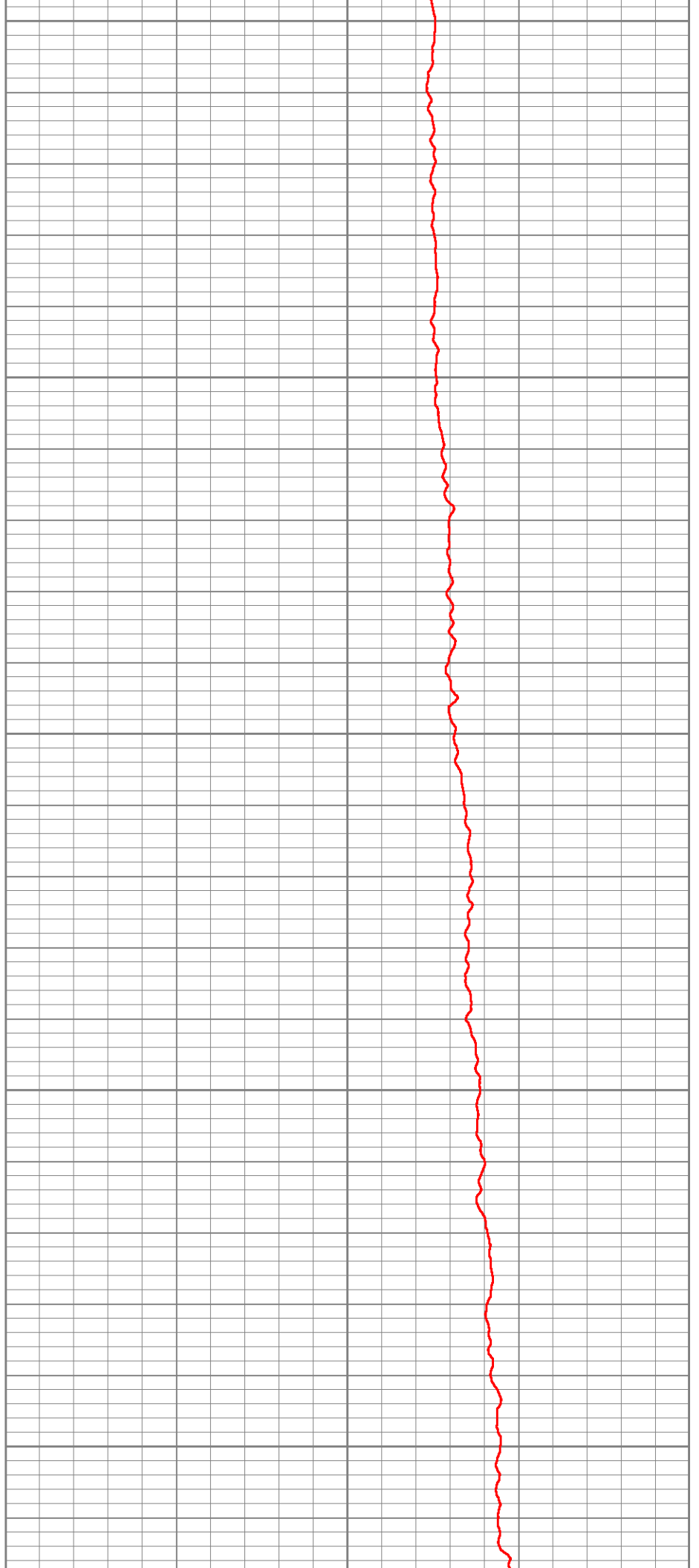
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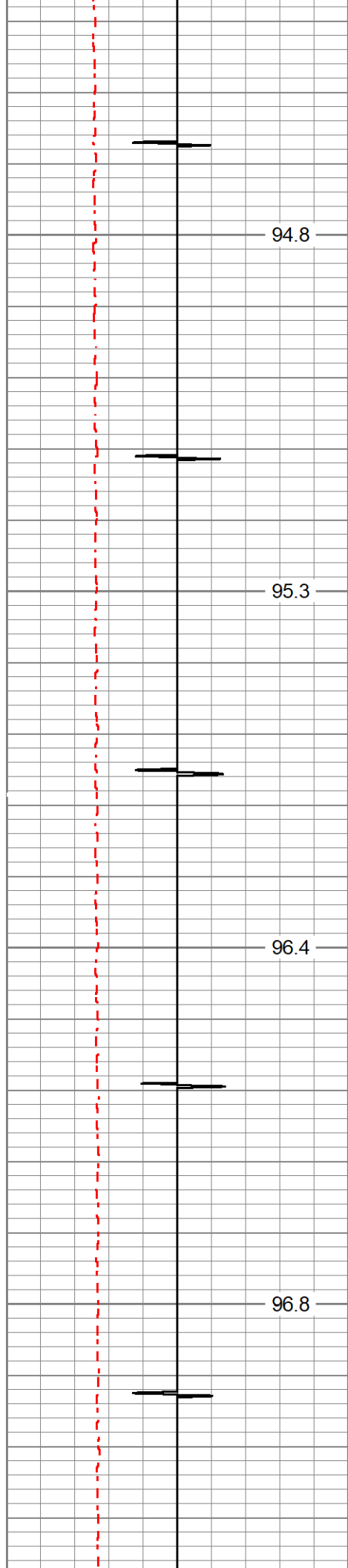
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95.3

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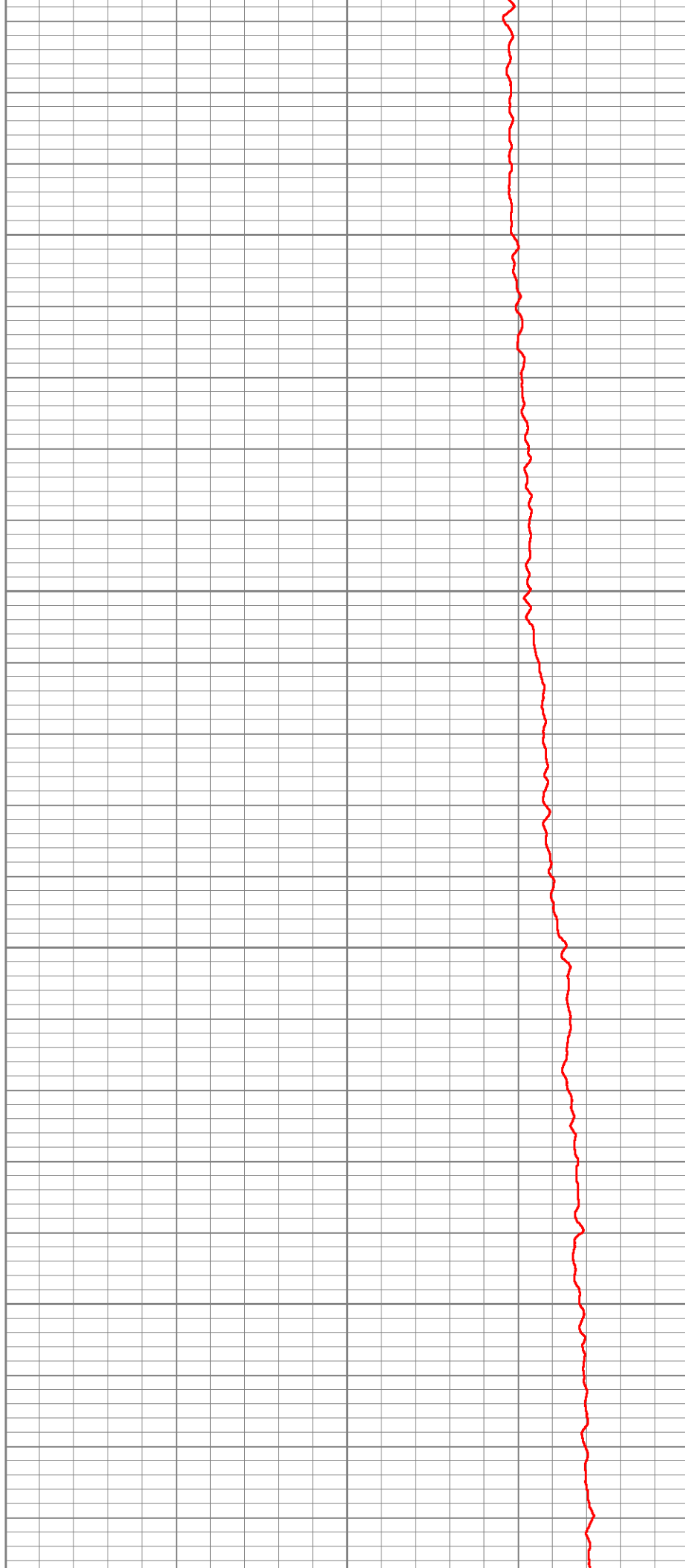
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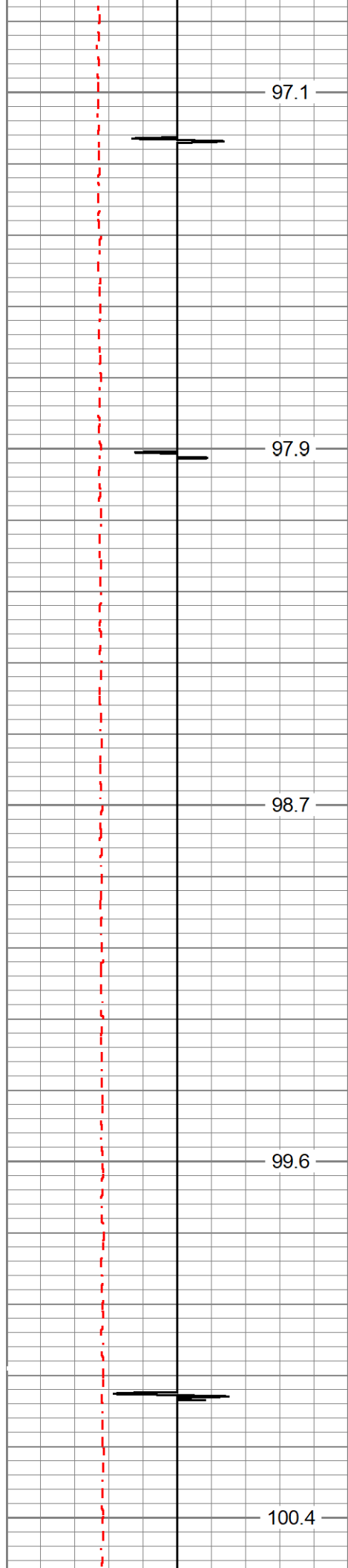
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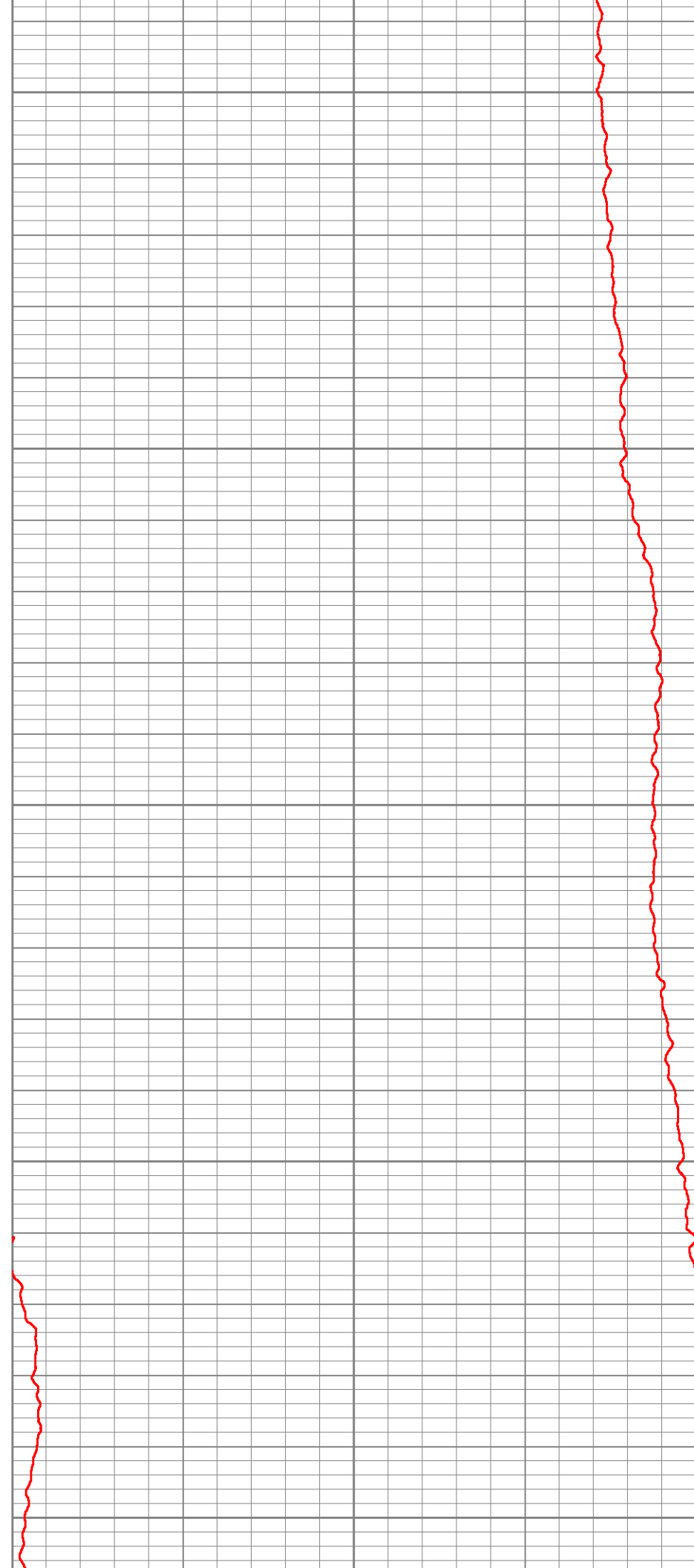
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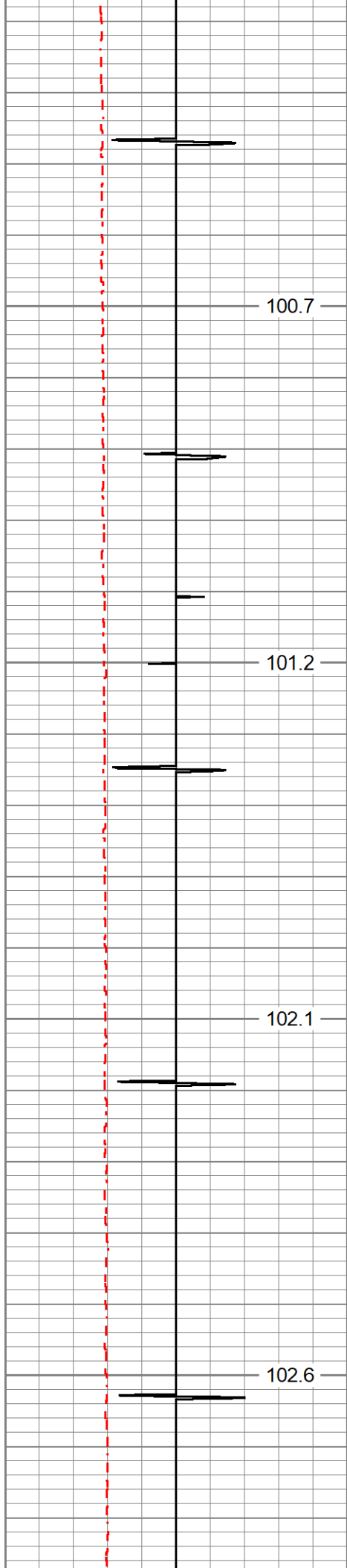
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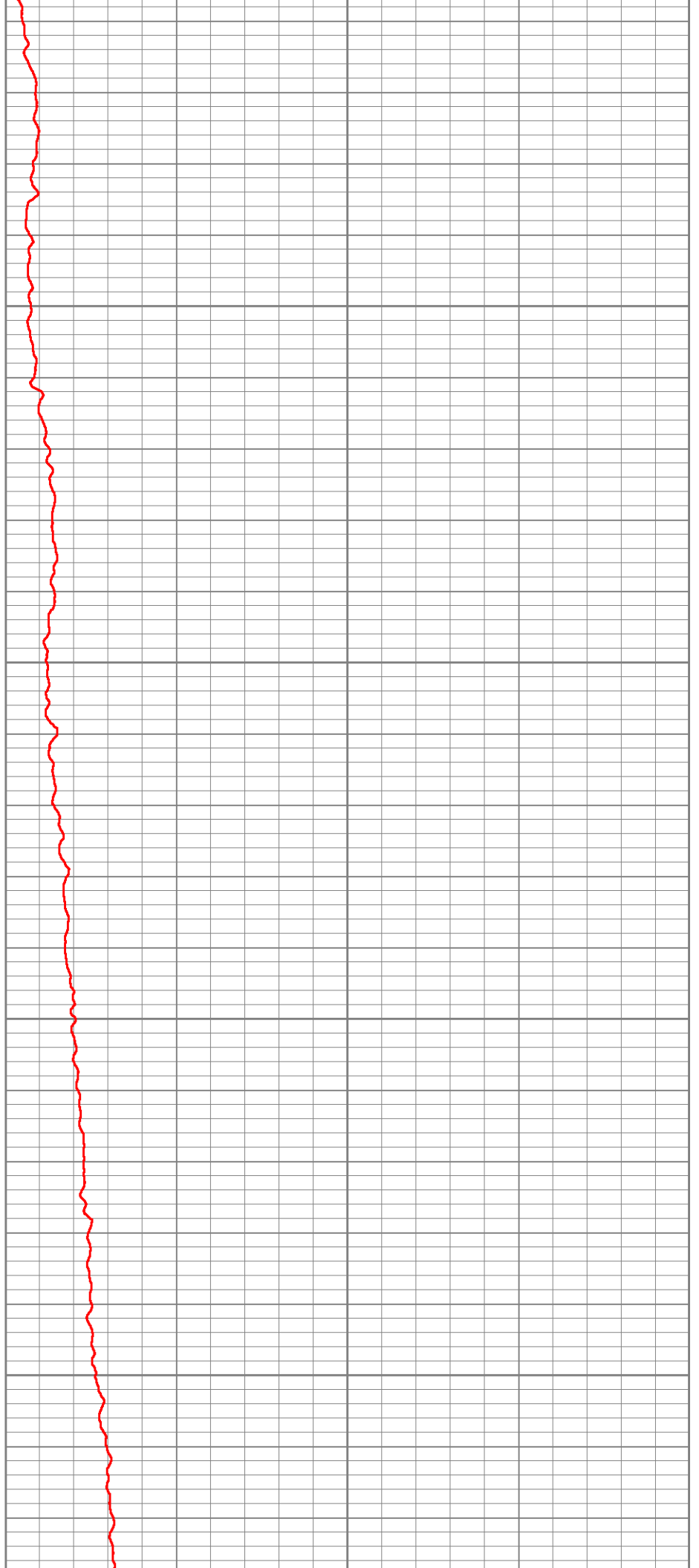


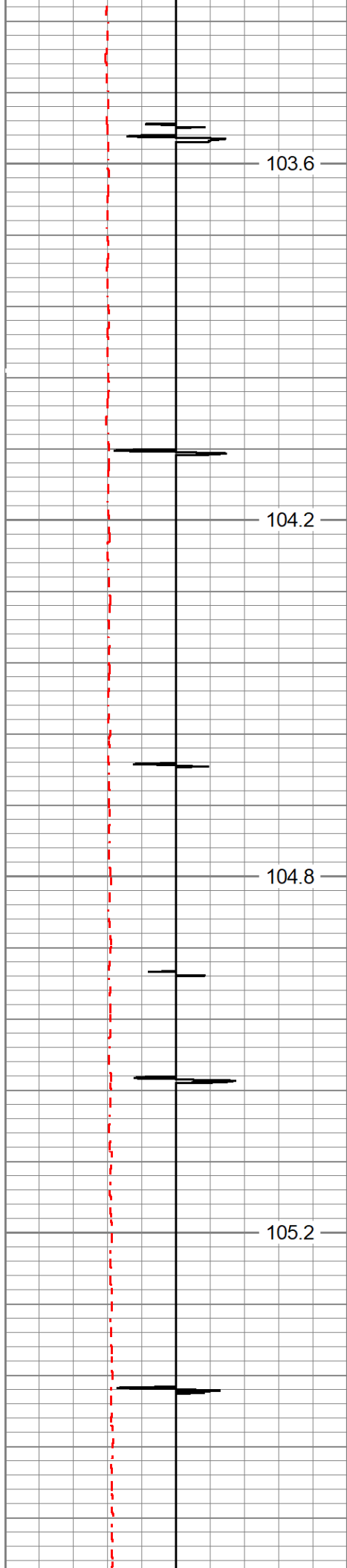
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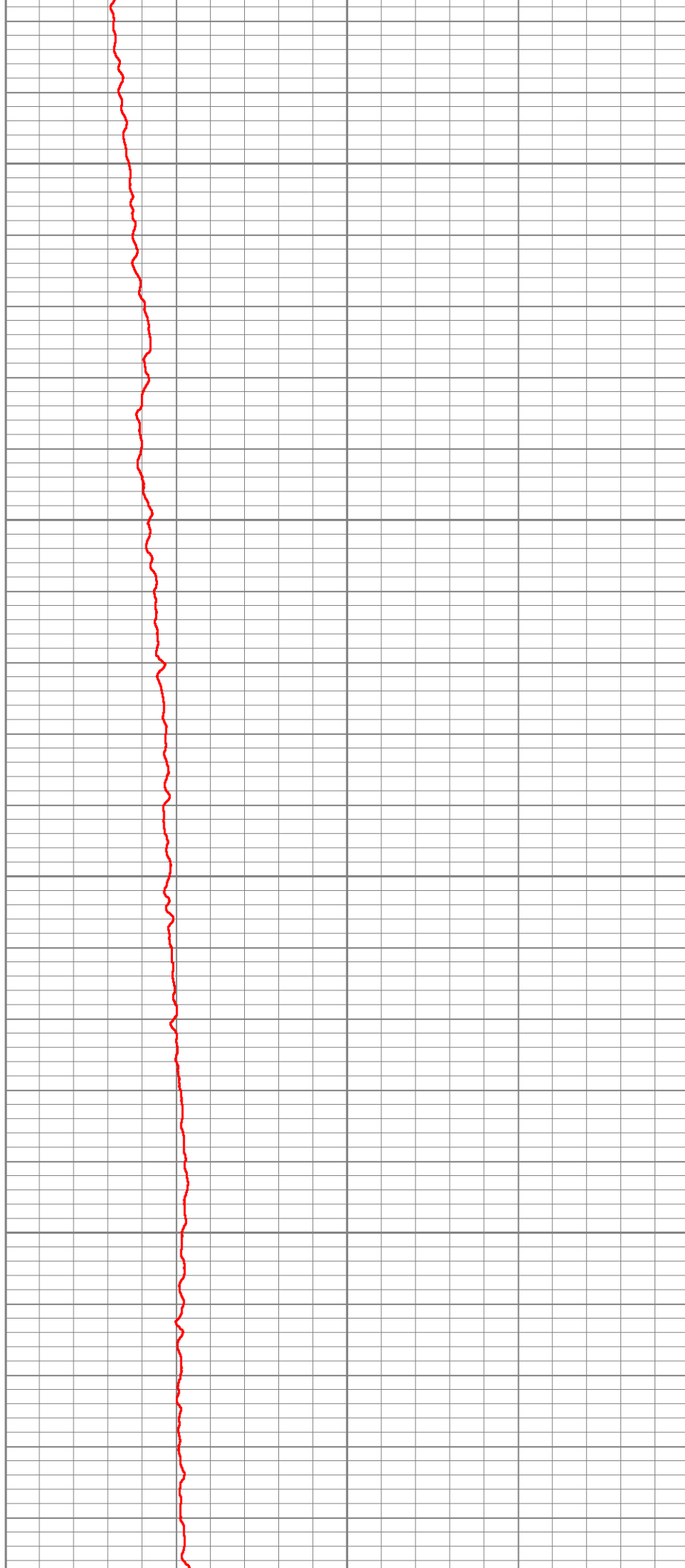
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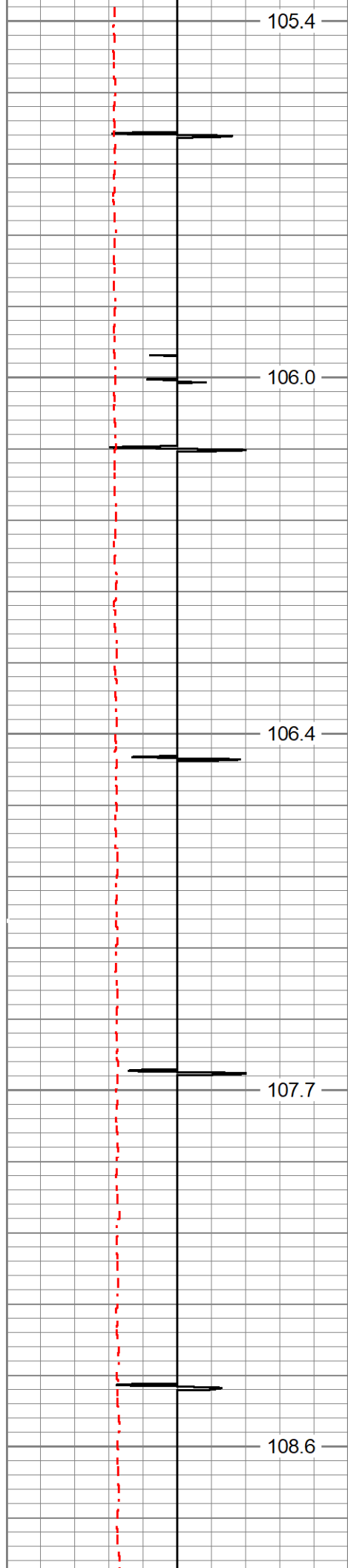
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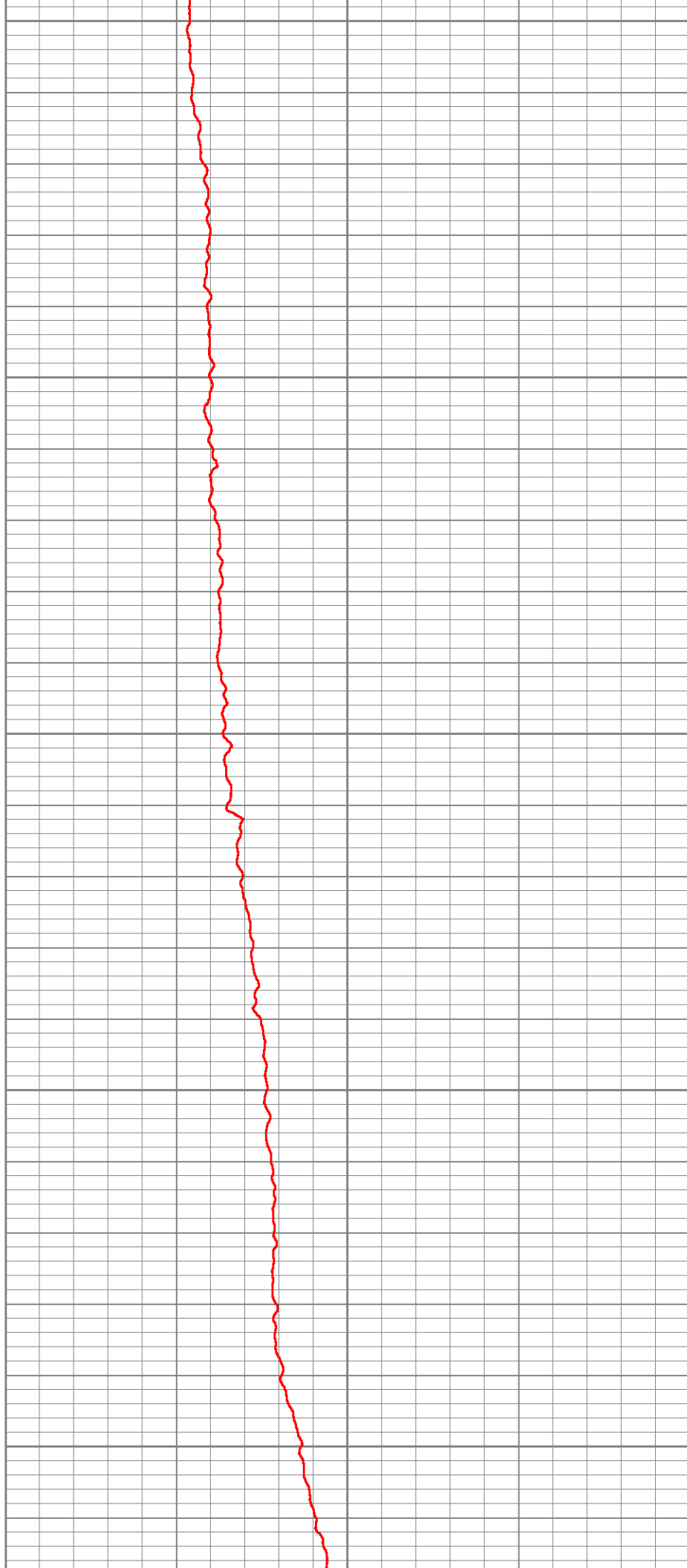
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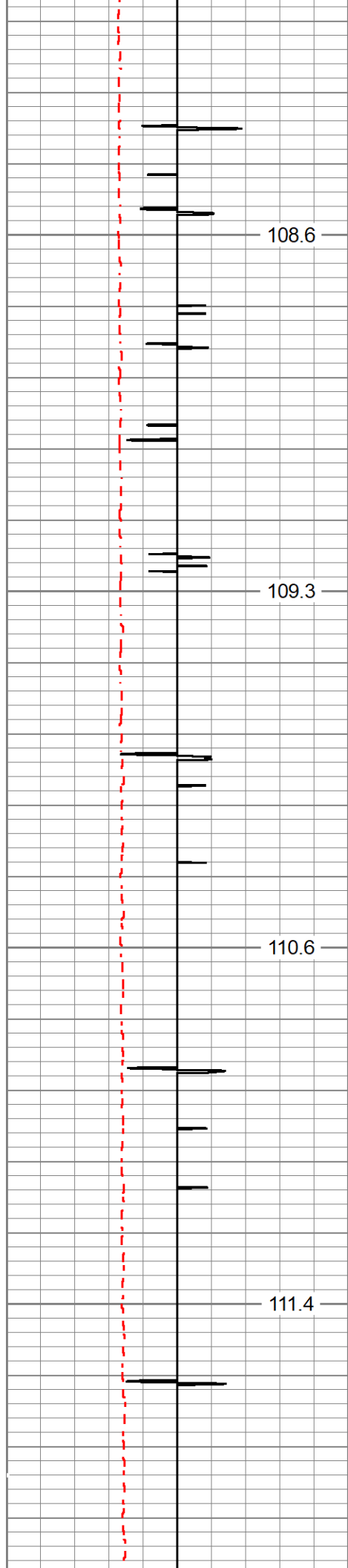
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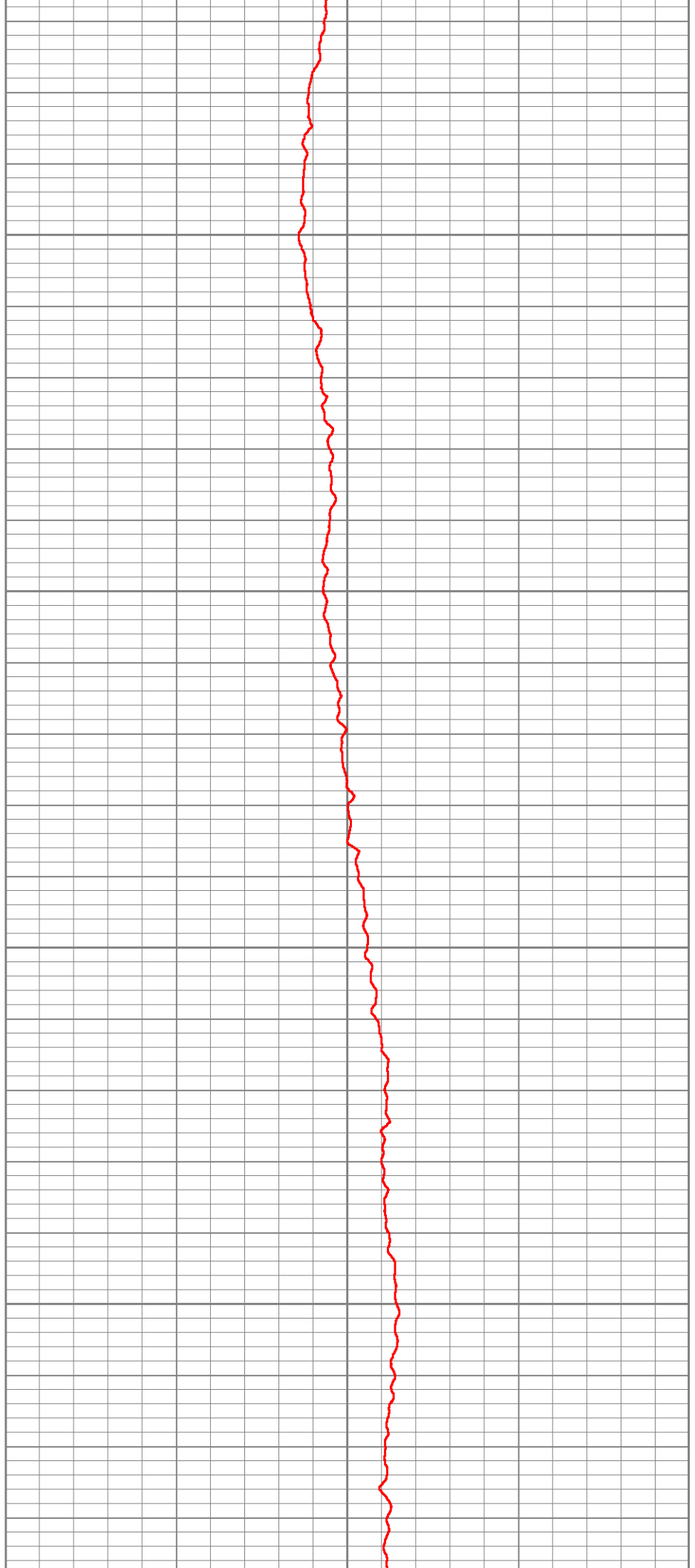


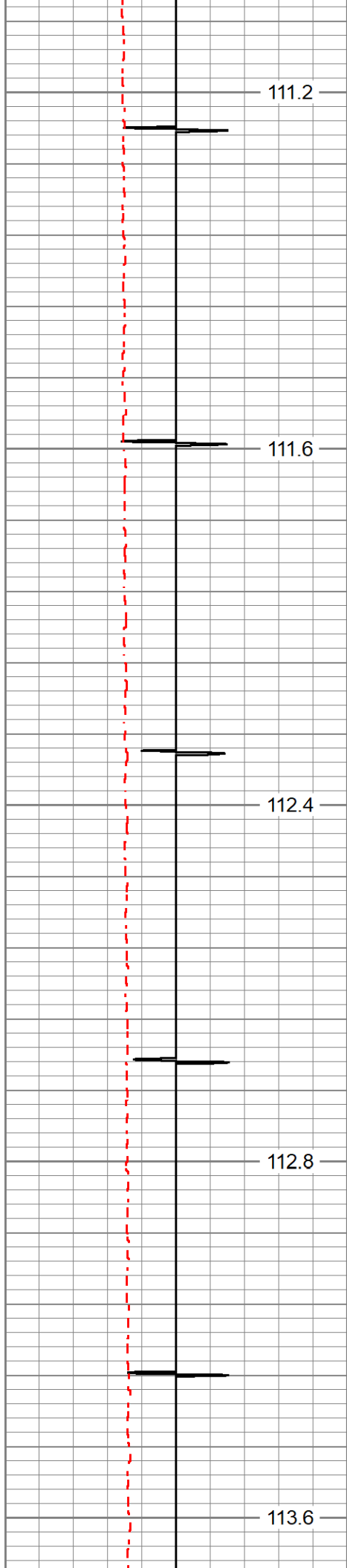
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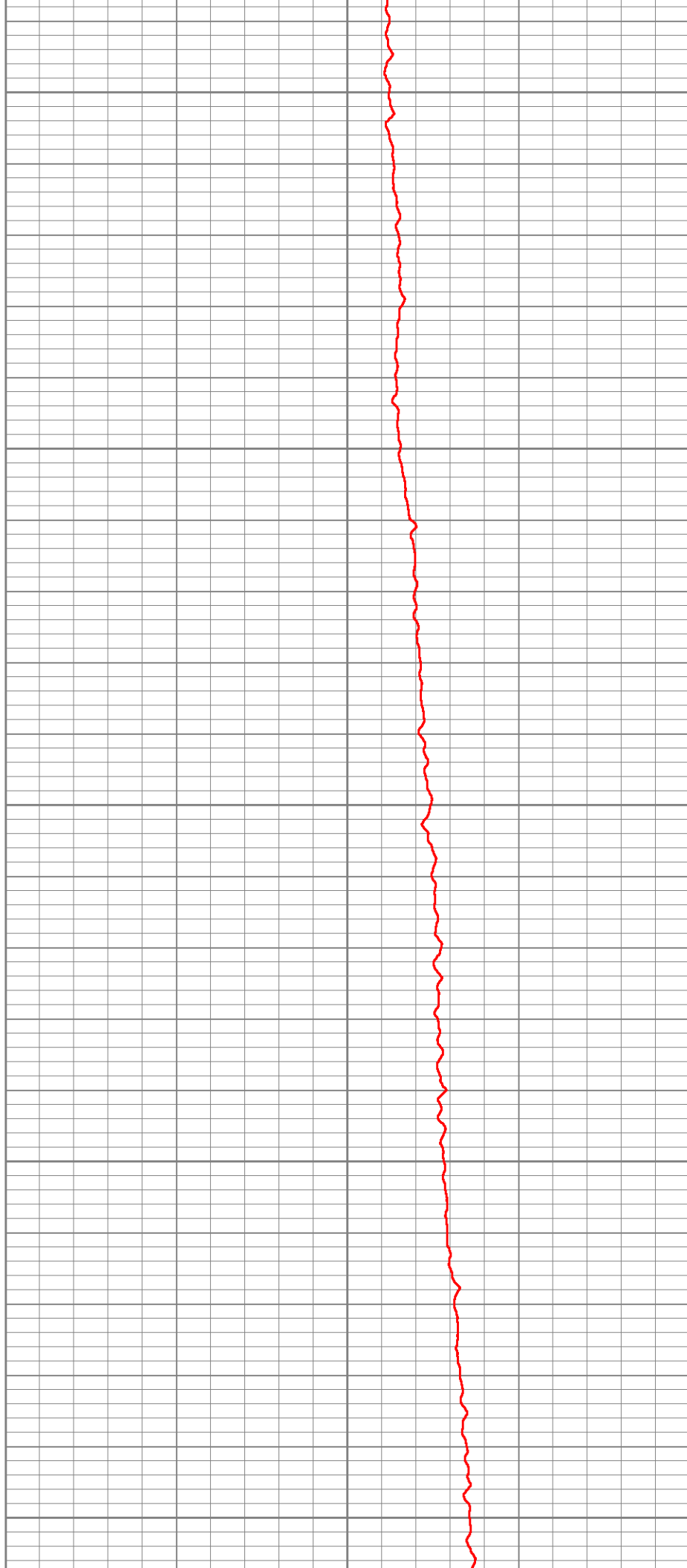
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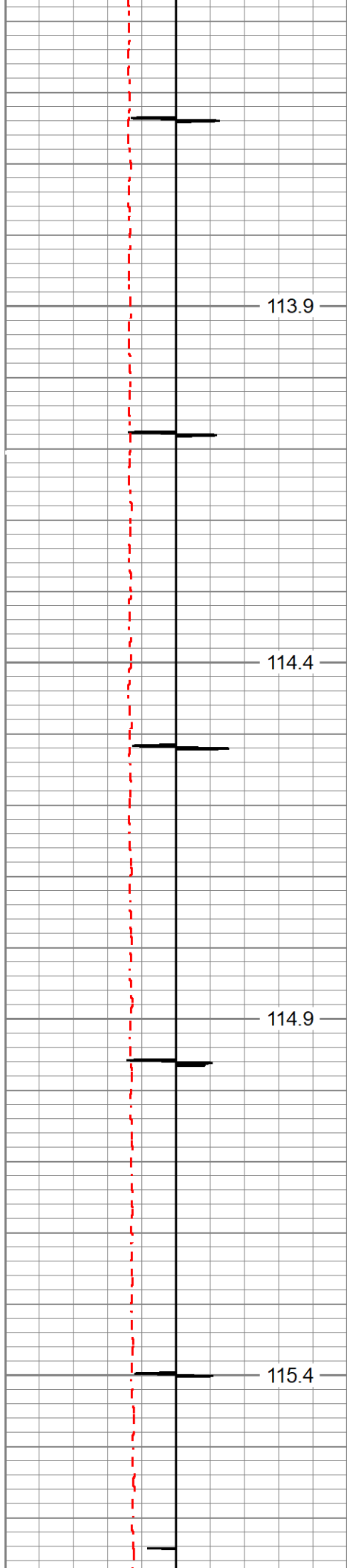
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114.4

114.9

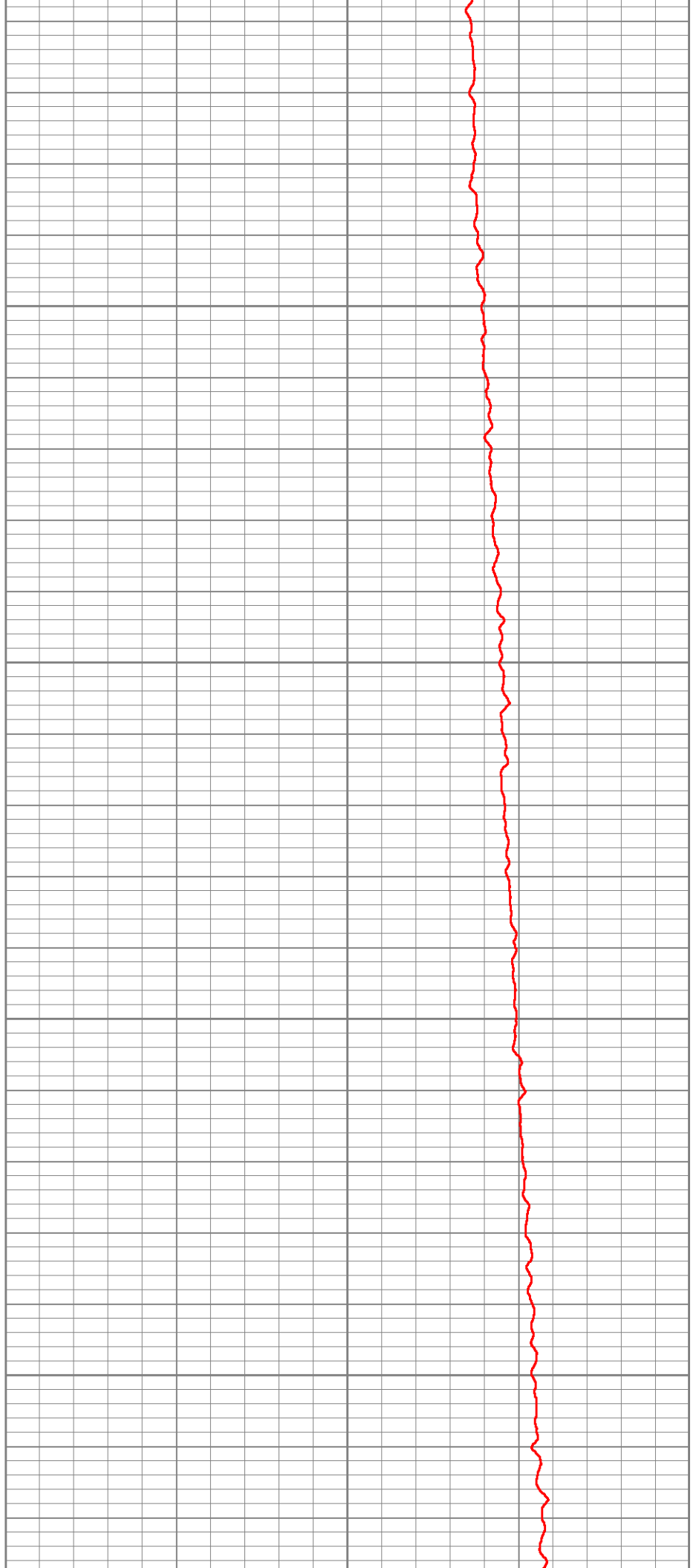
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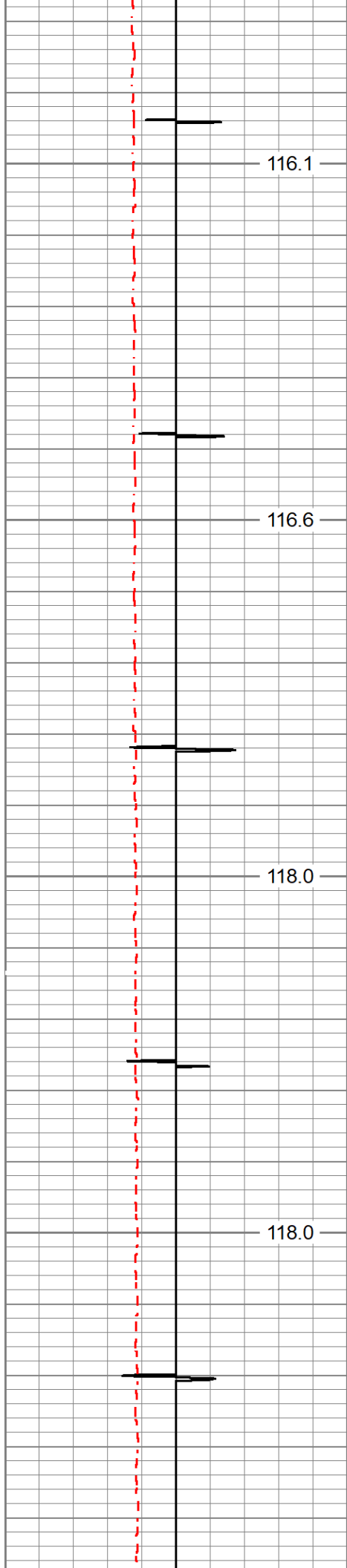
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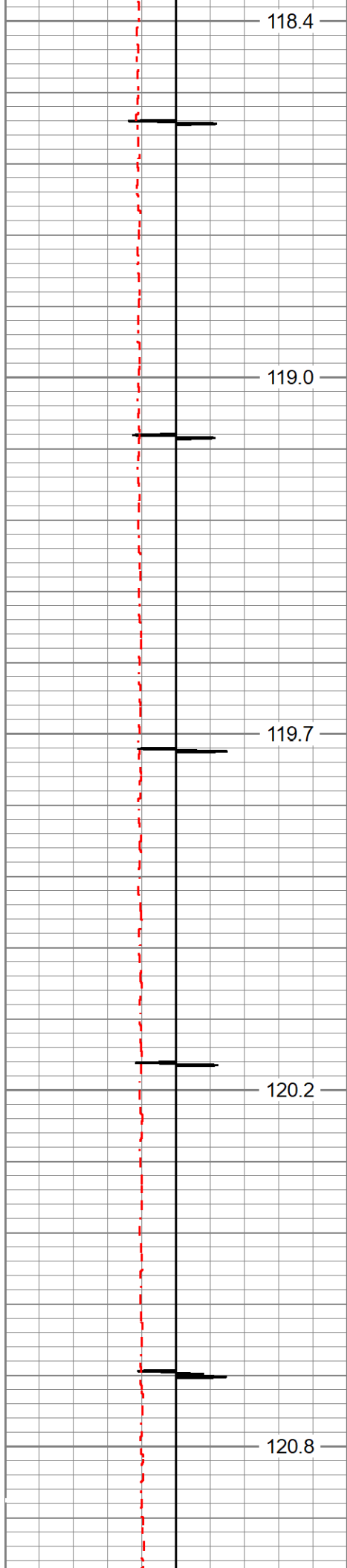
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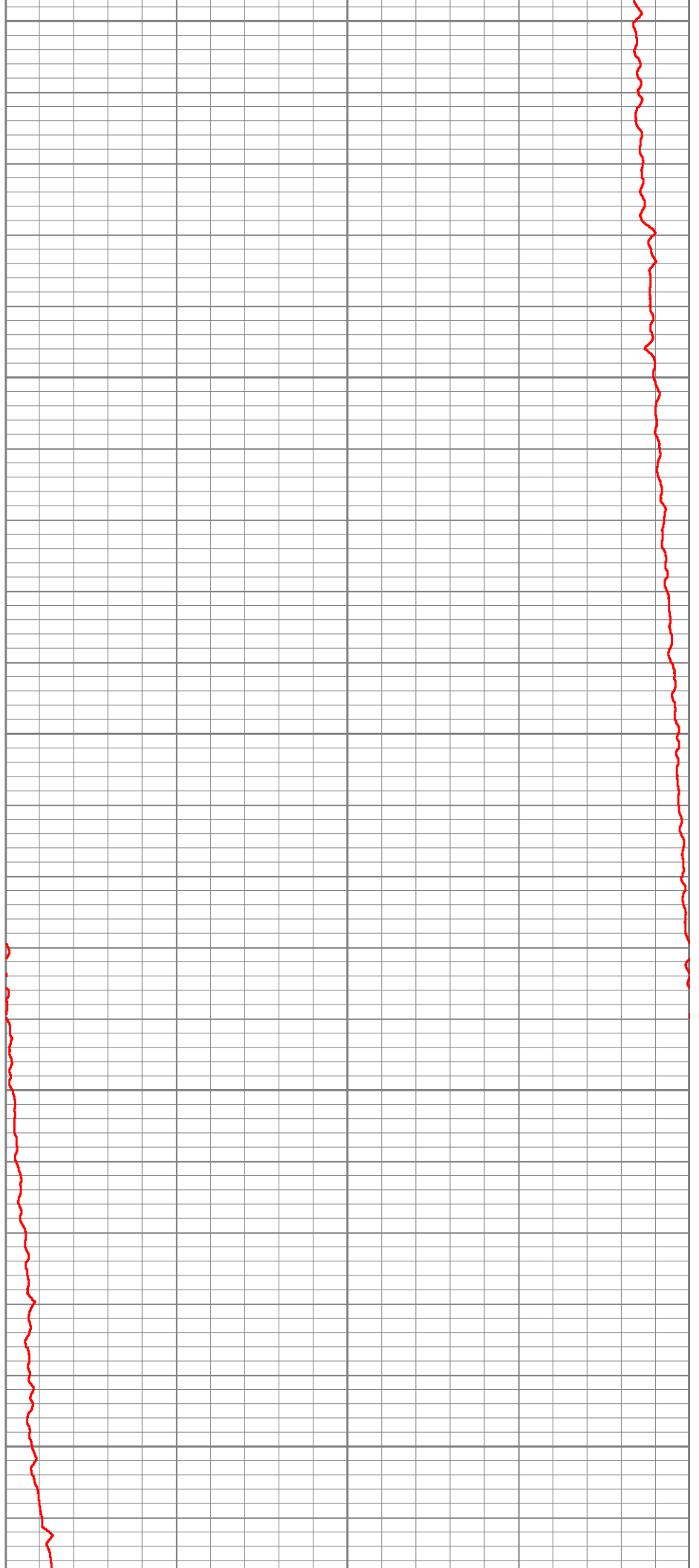
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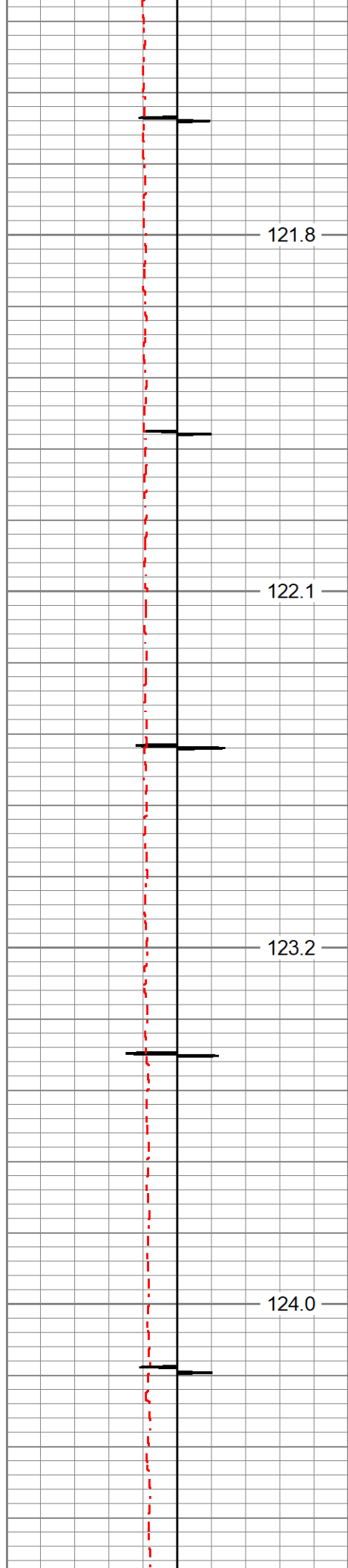
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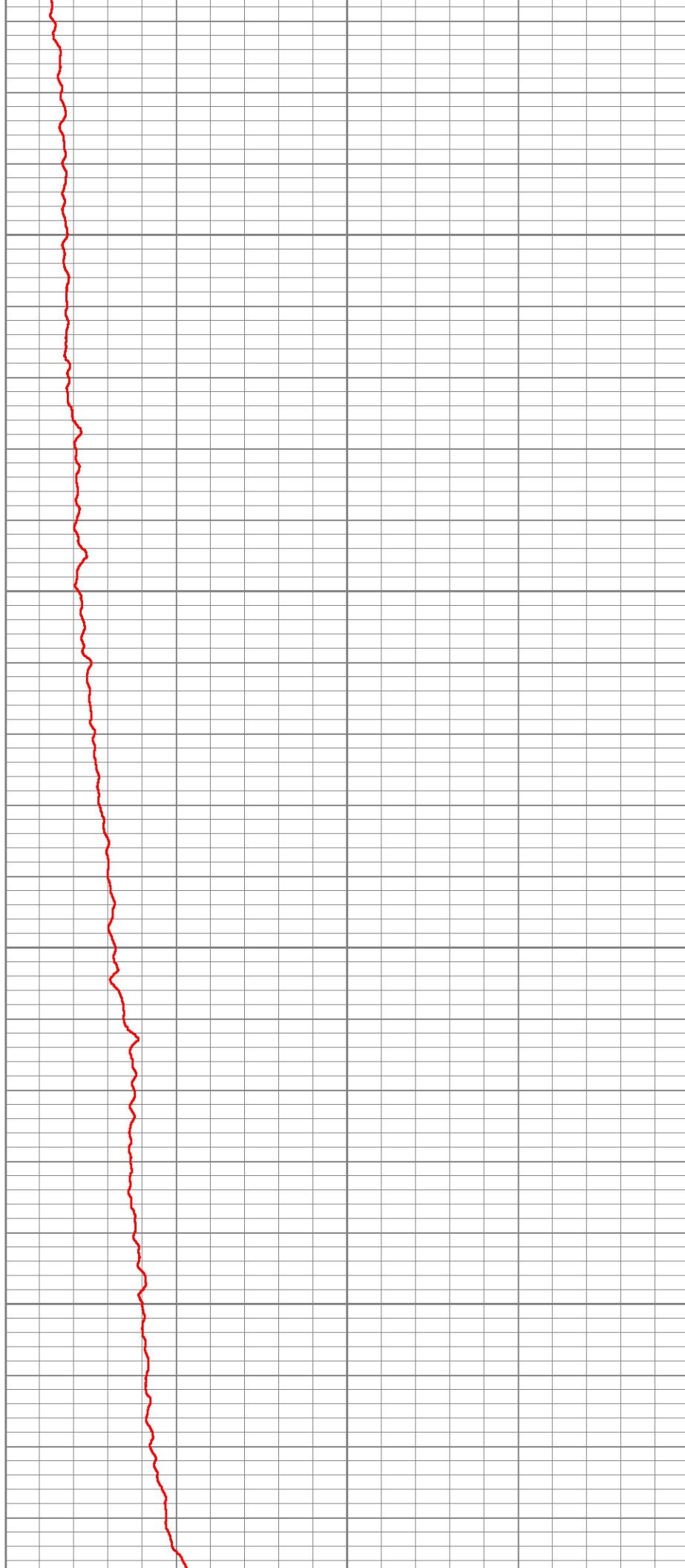
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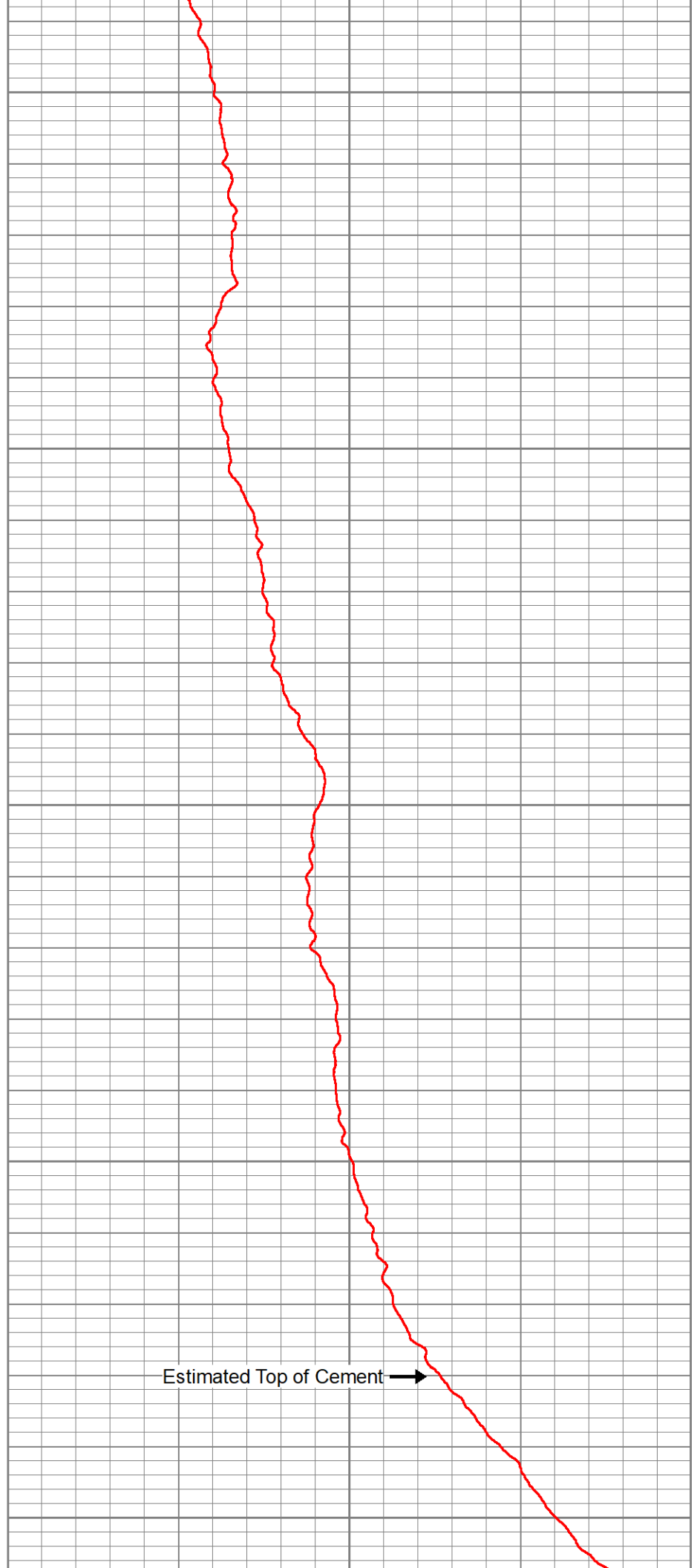
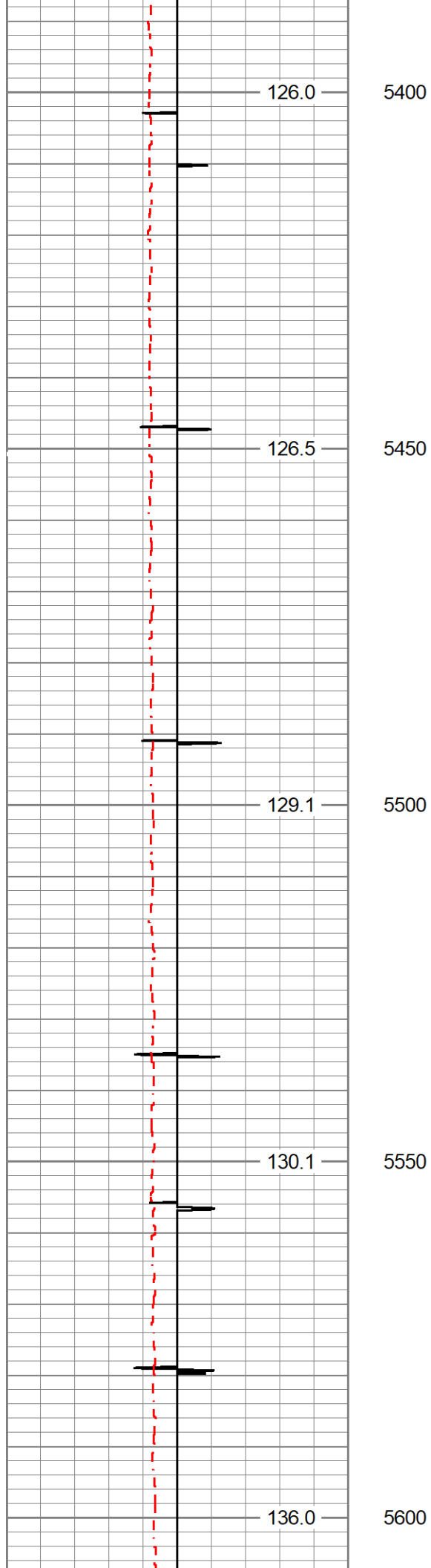
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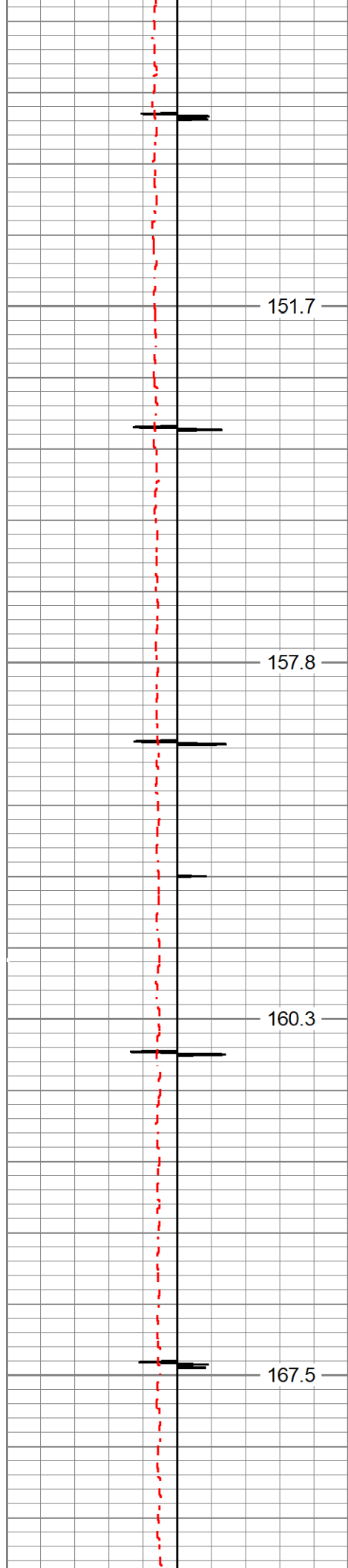
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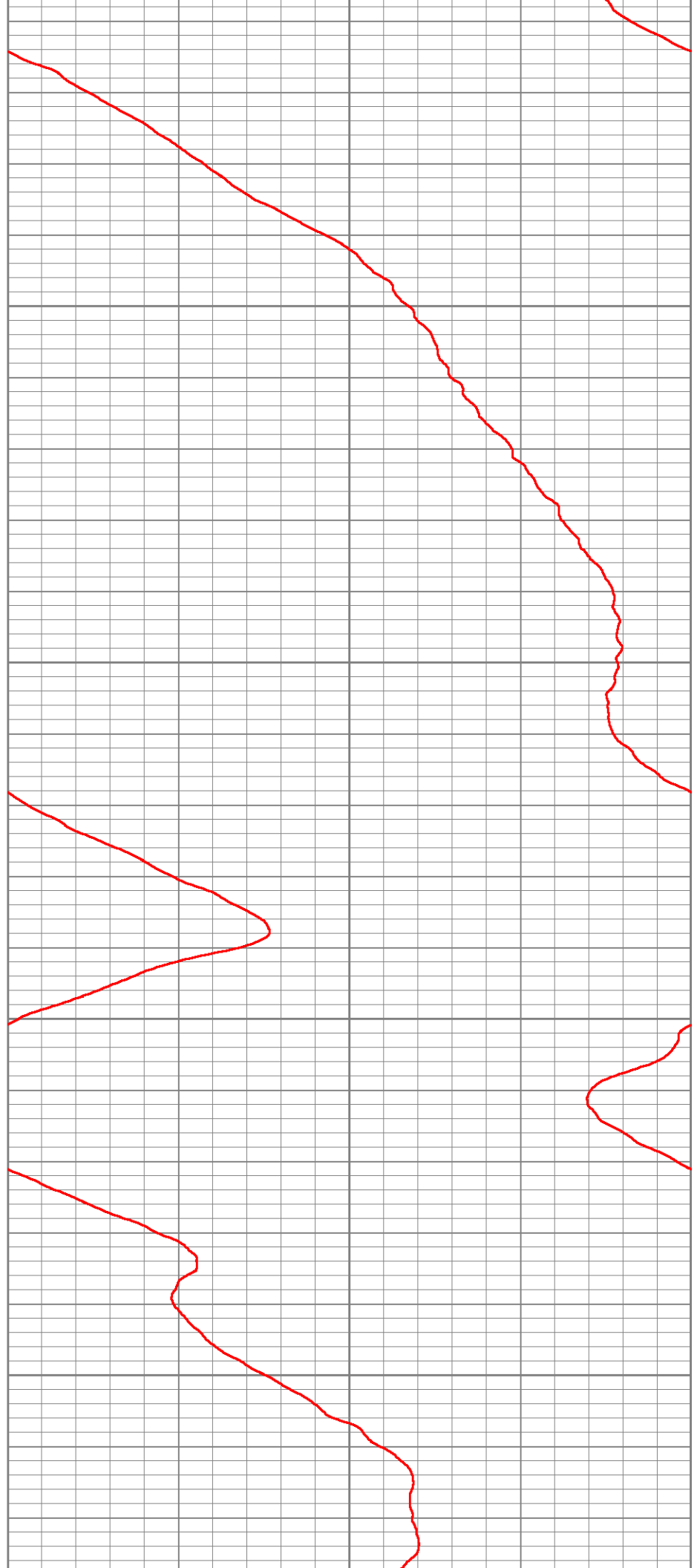


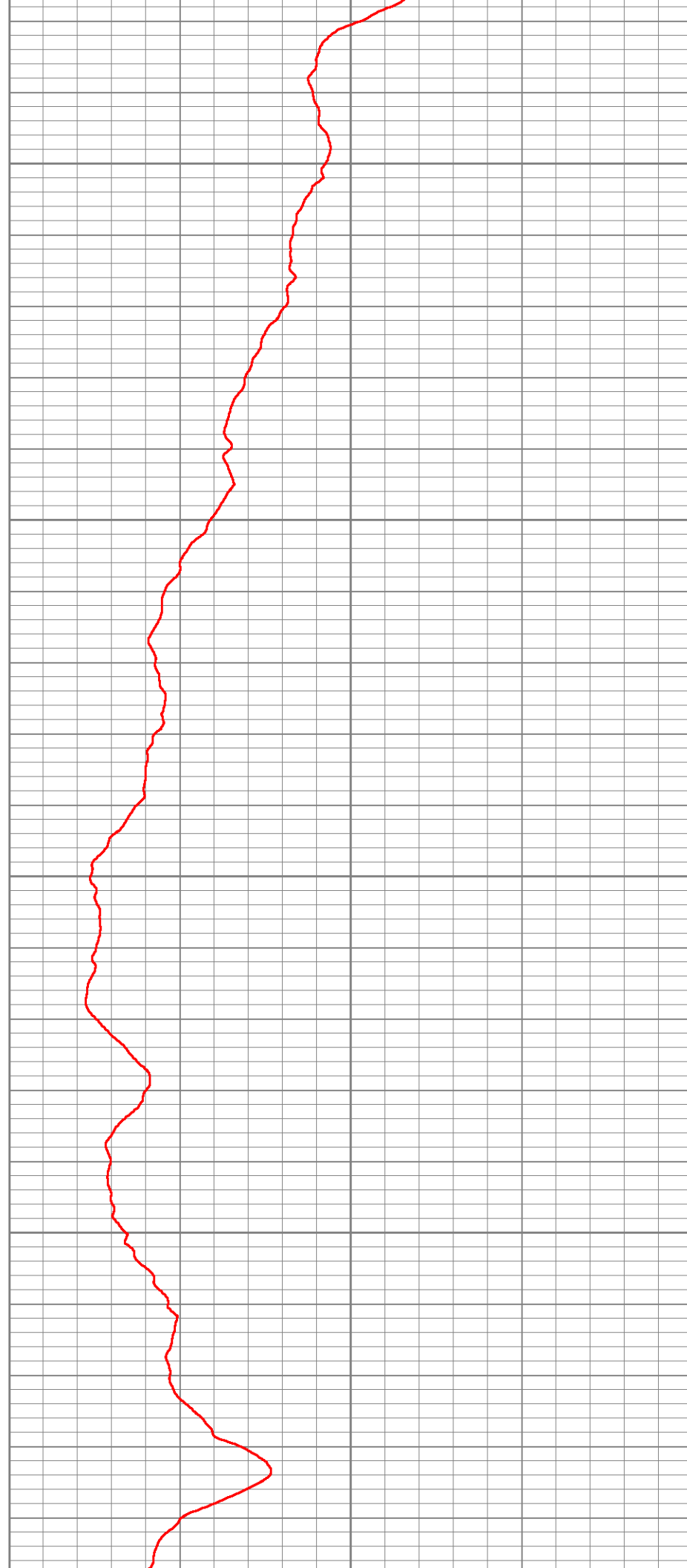
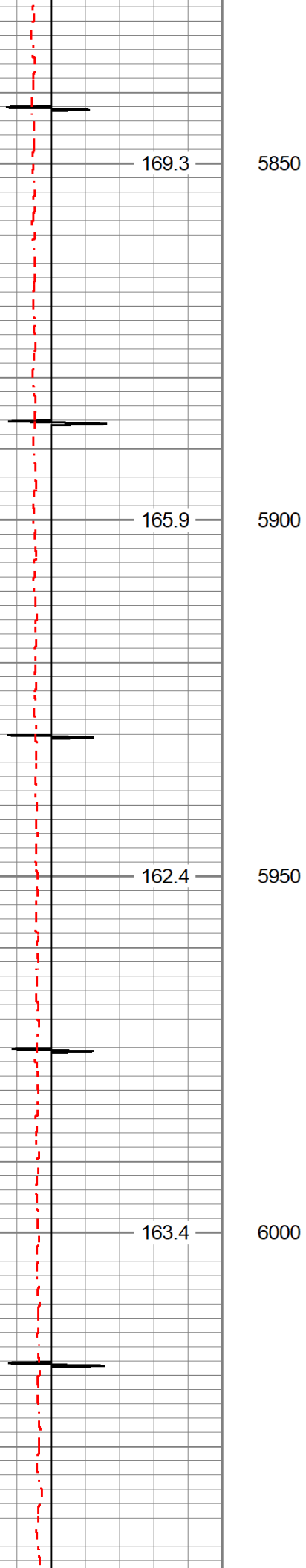
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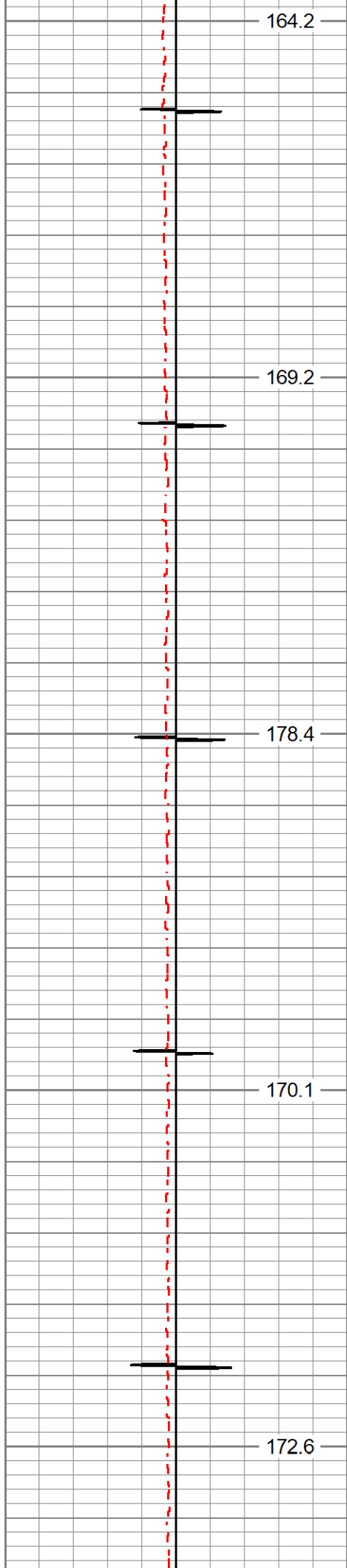
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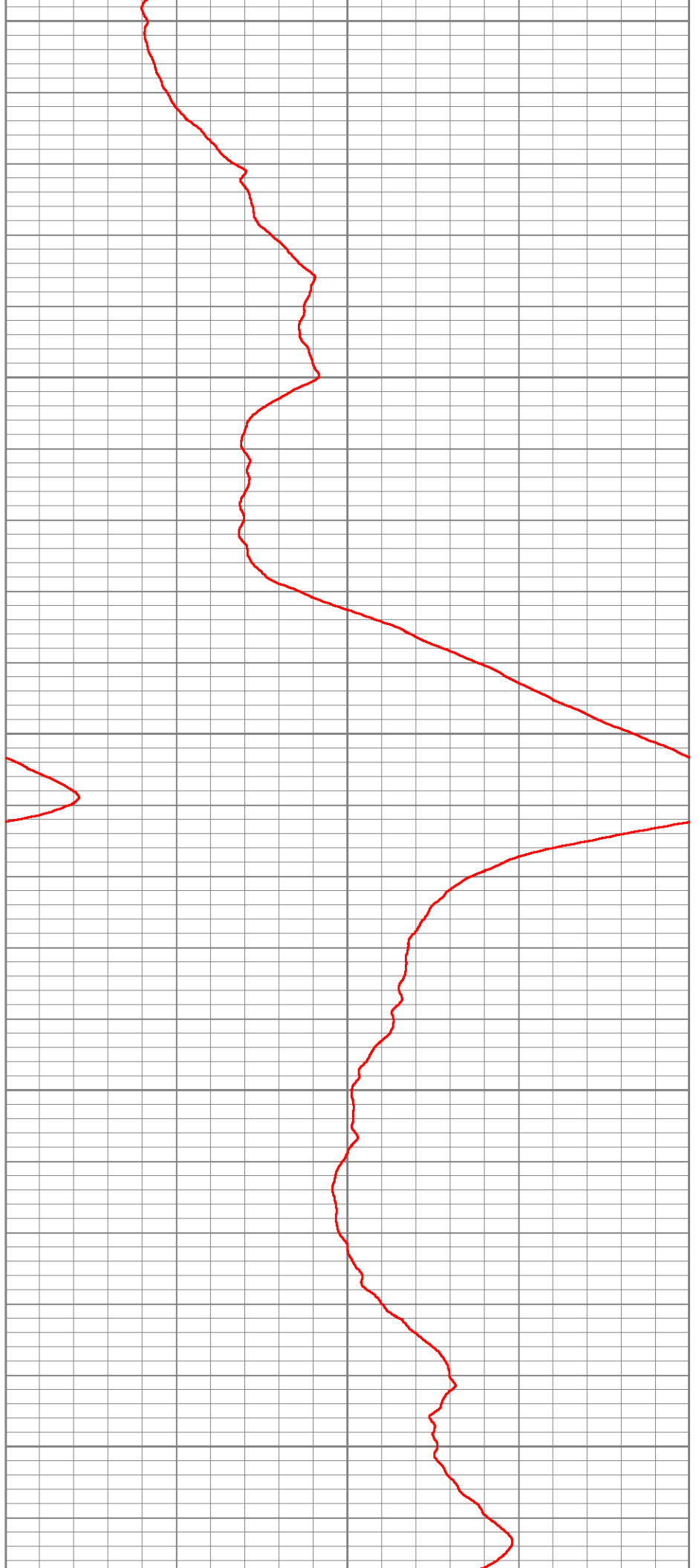
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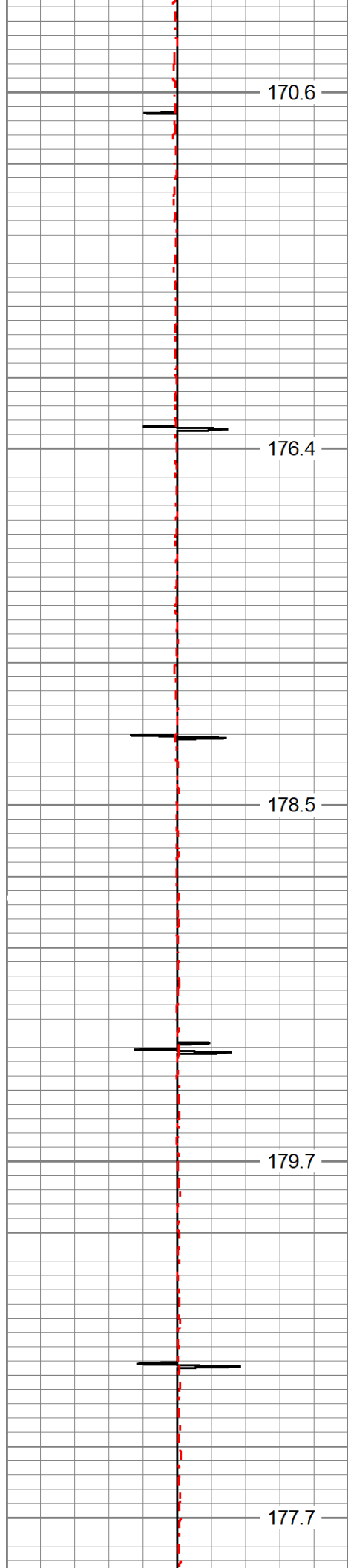
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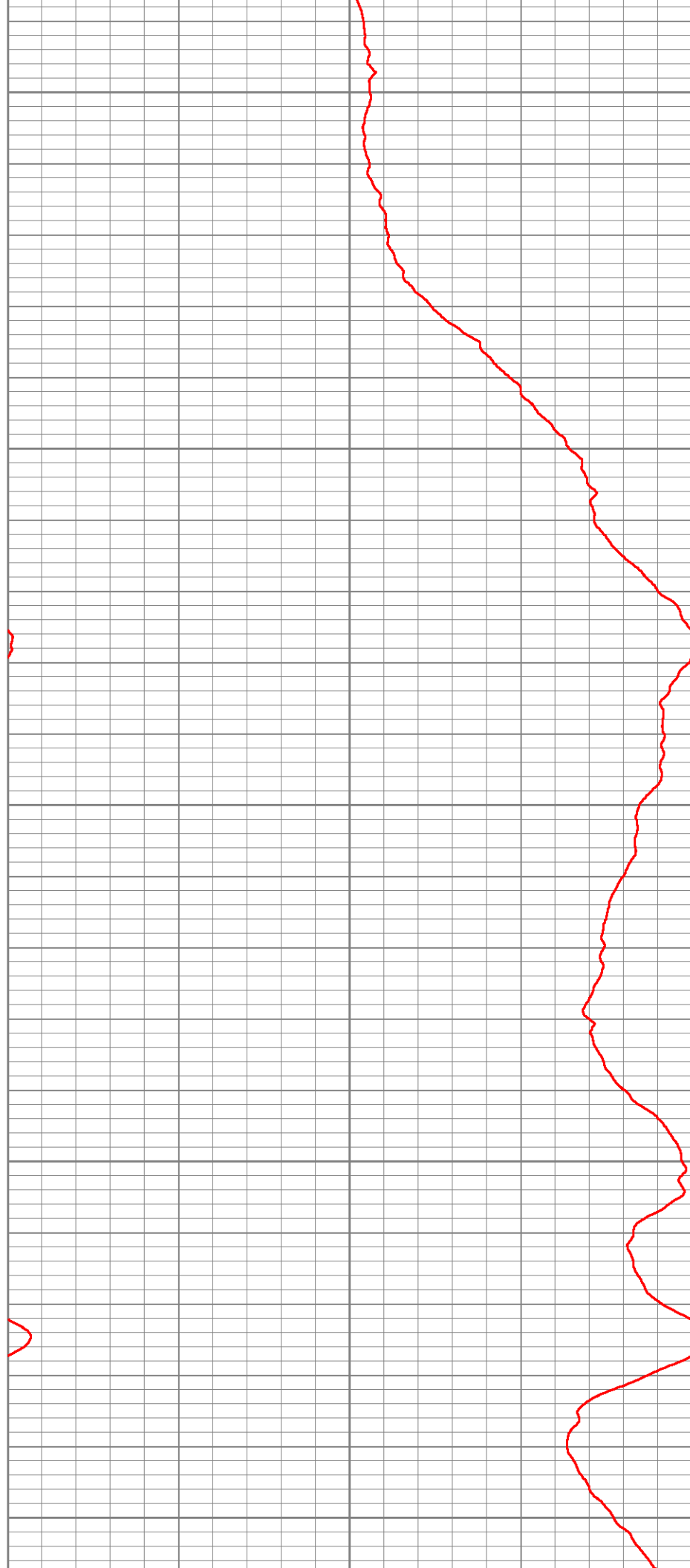
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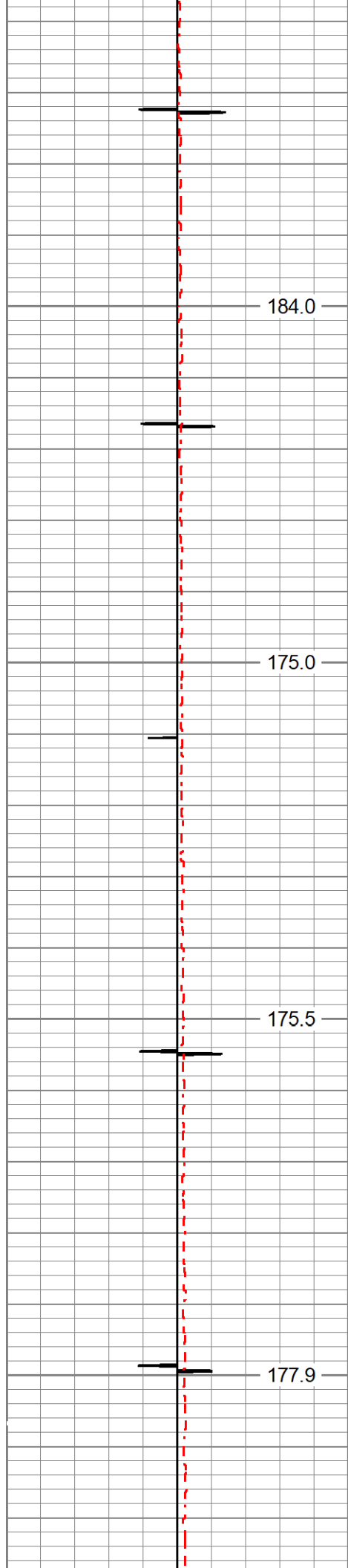
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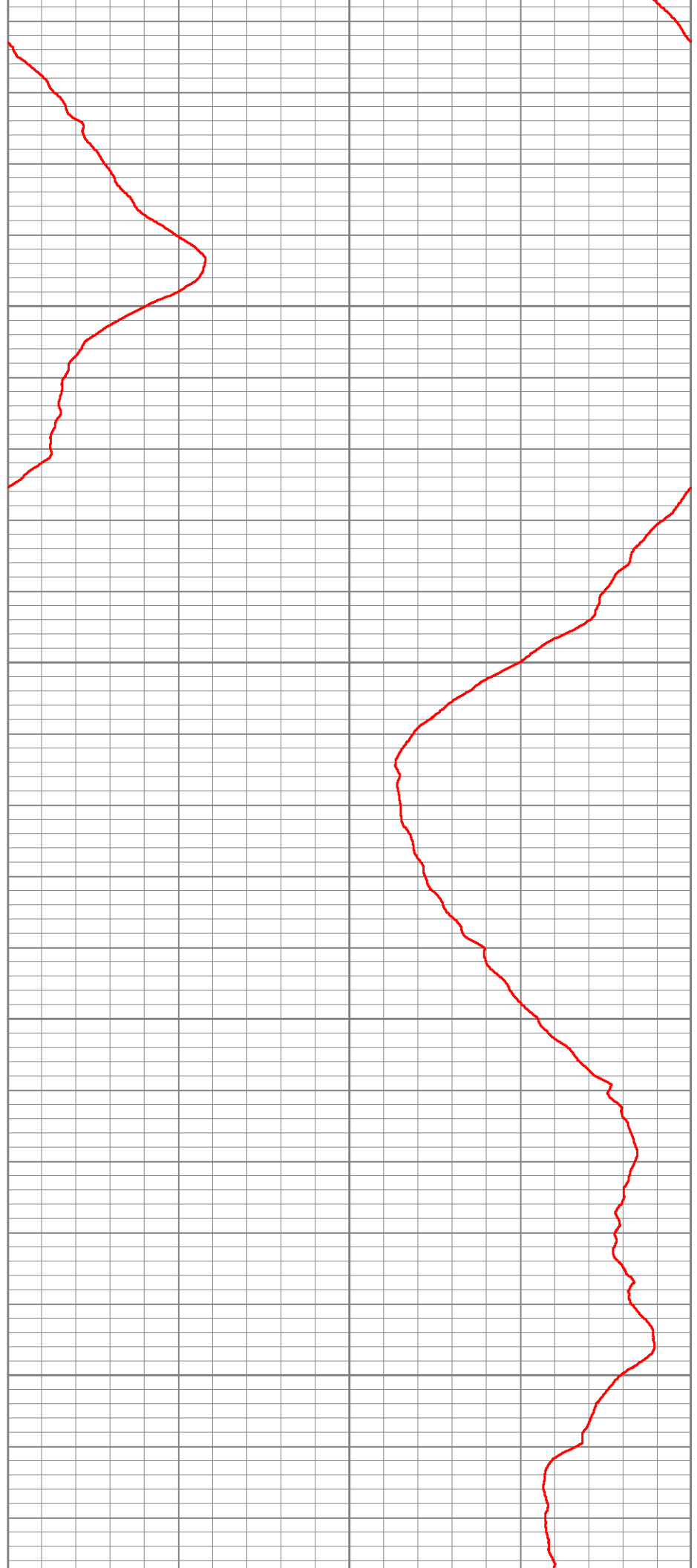


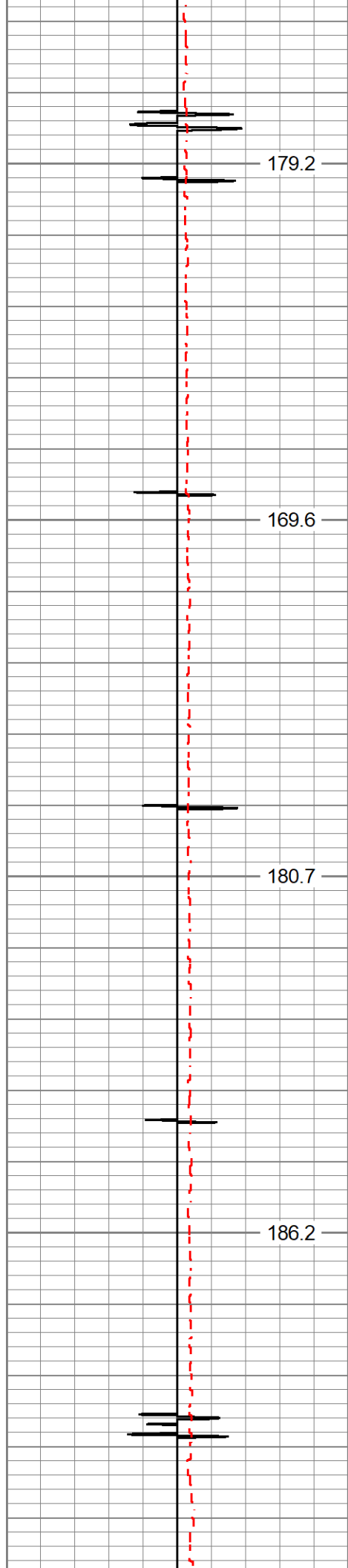
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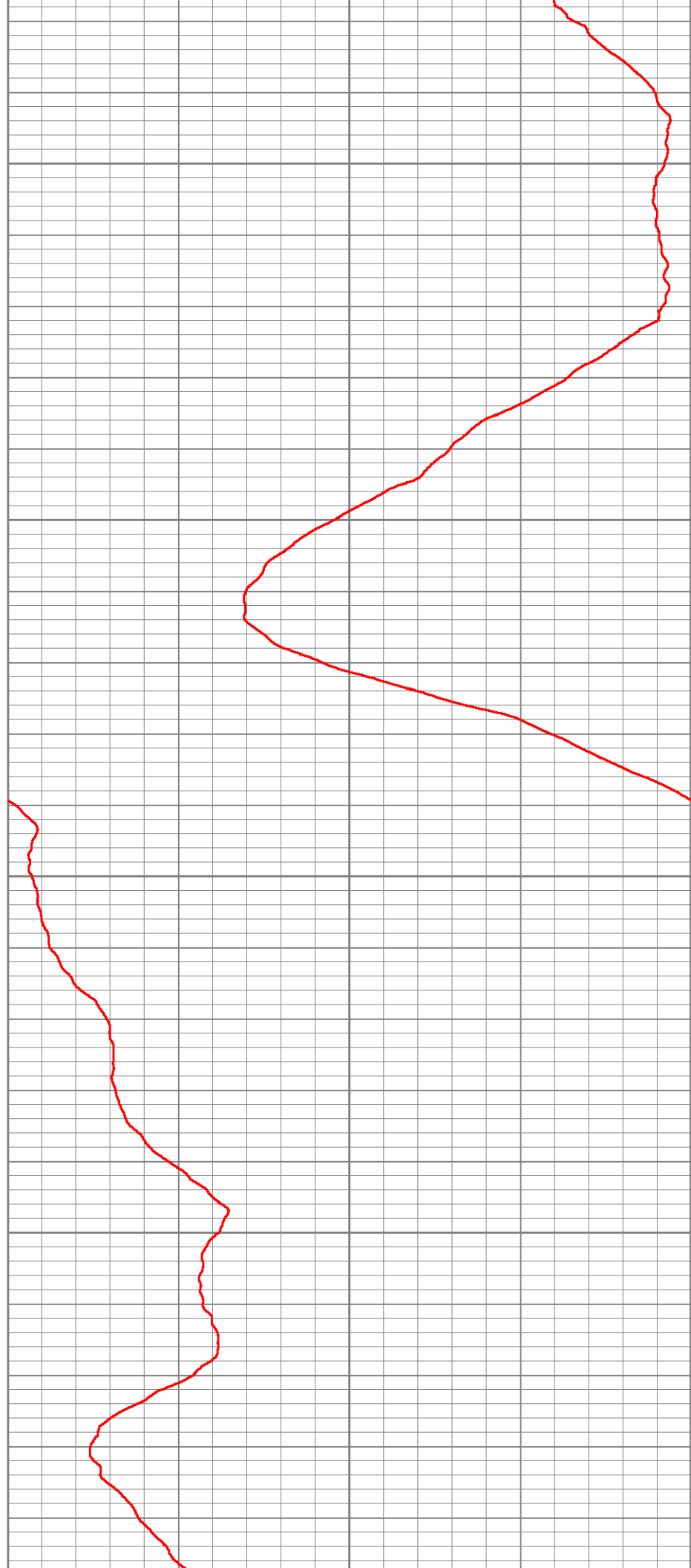


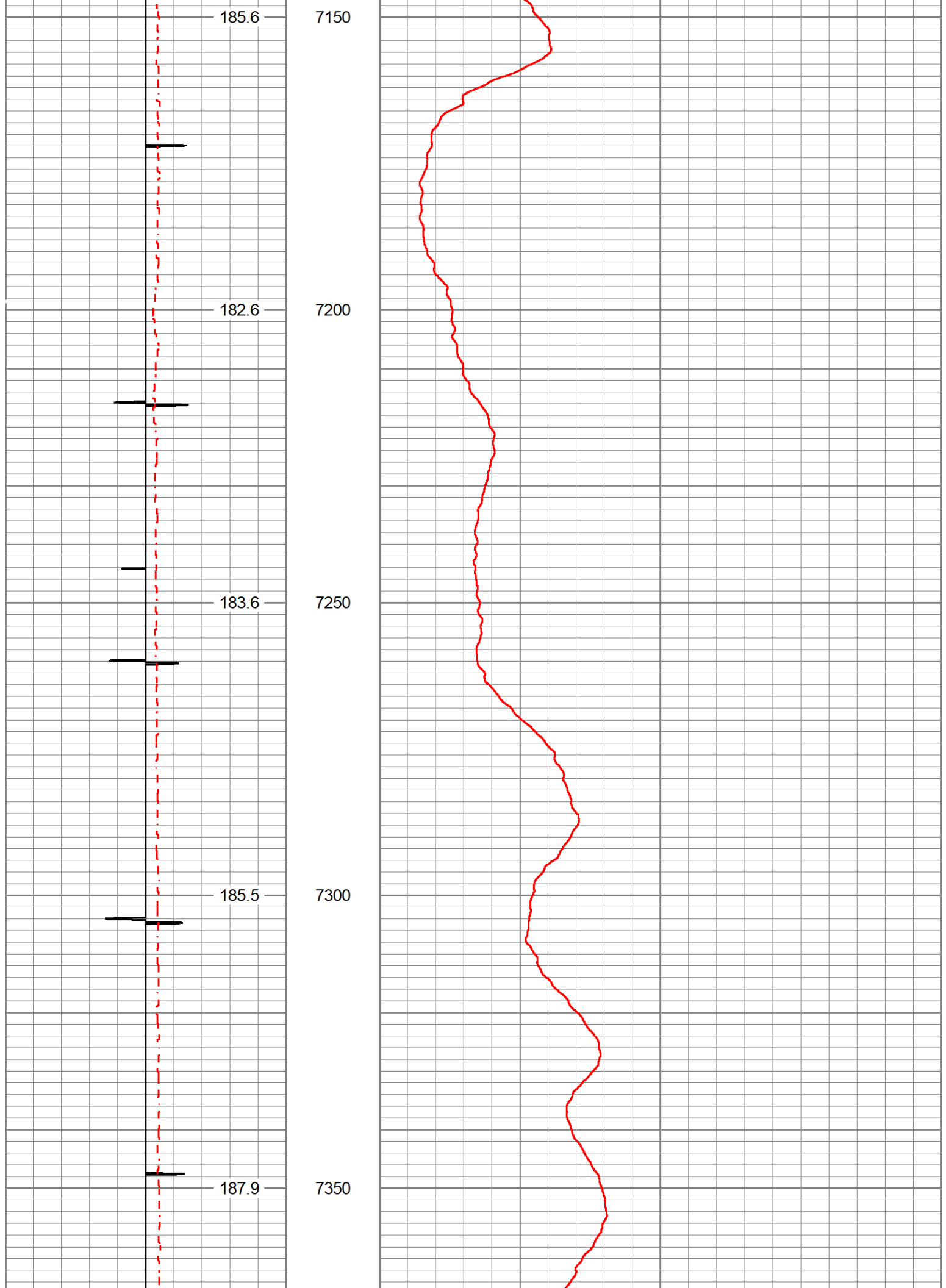
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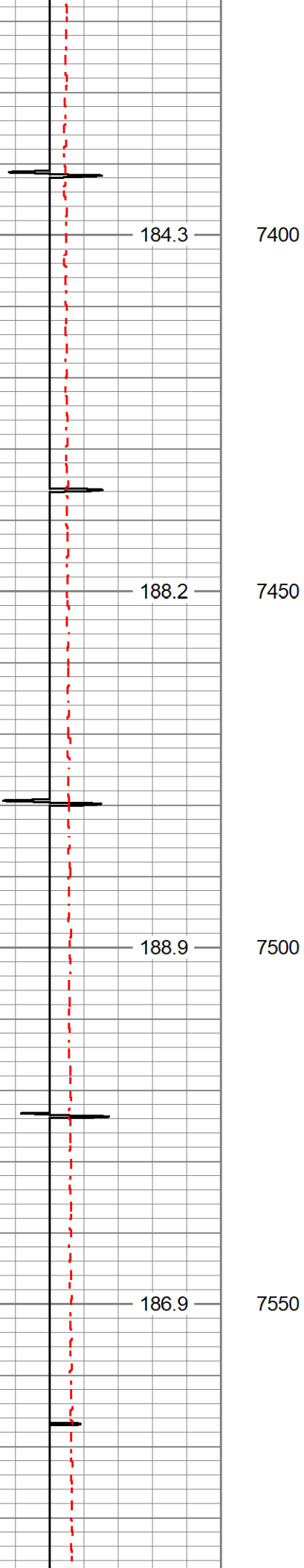
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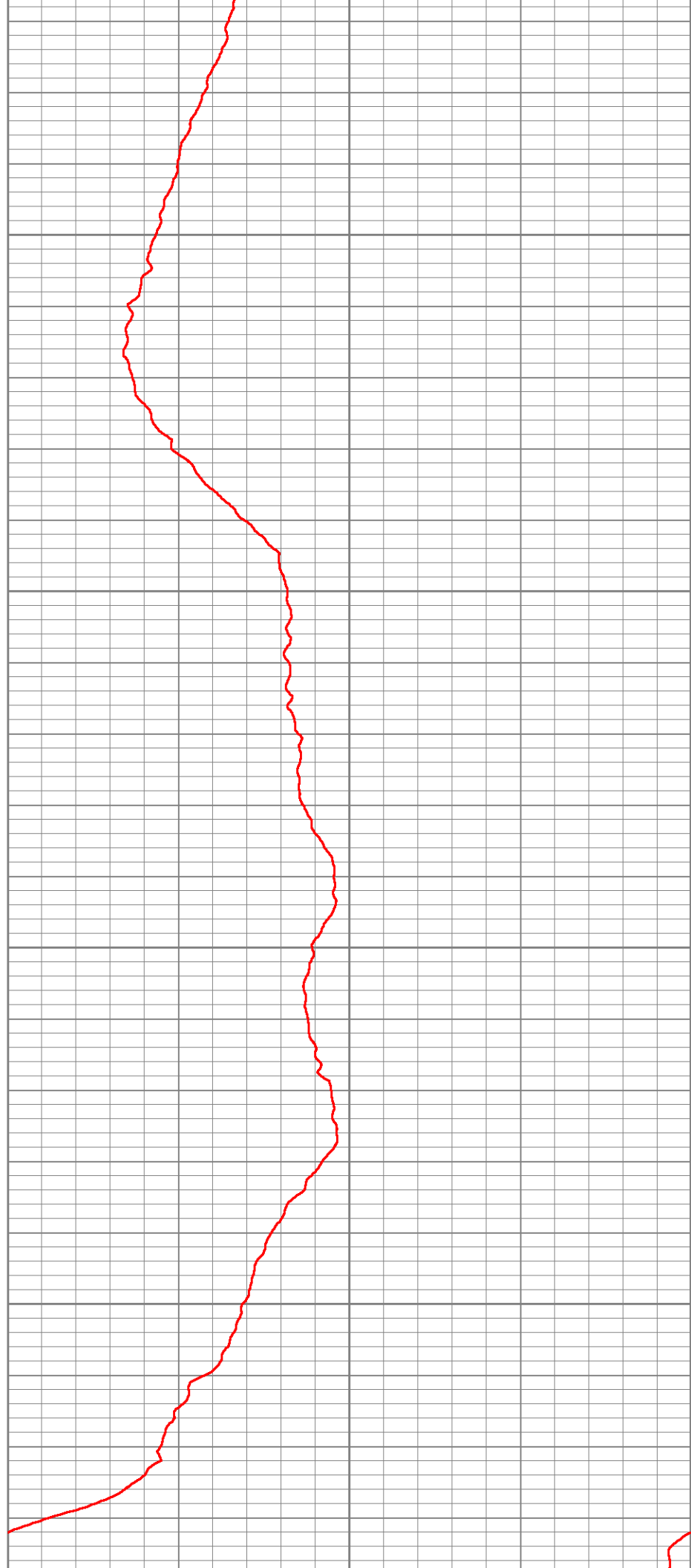


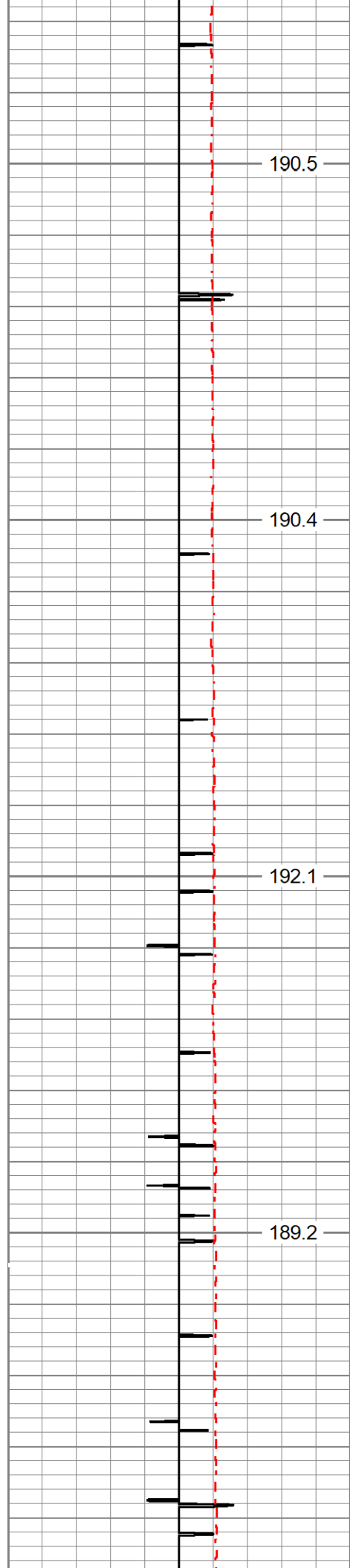
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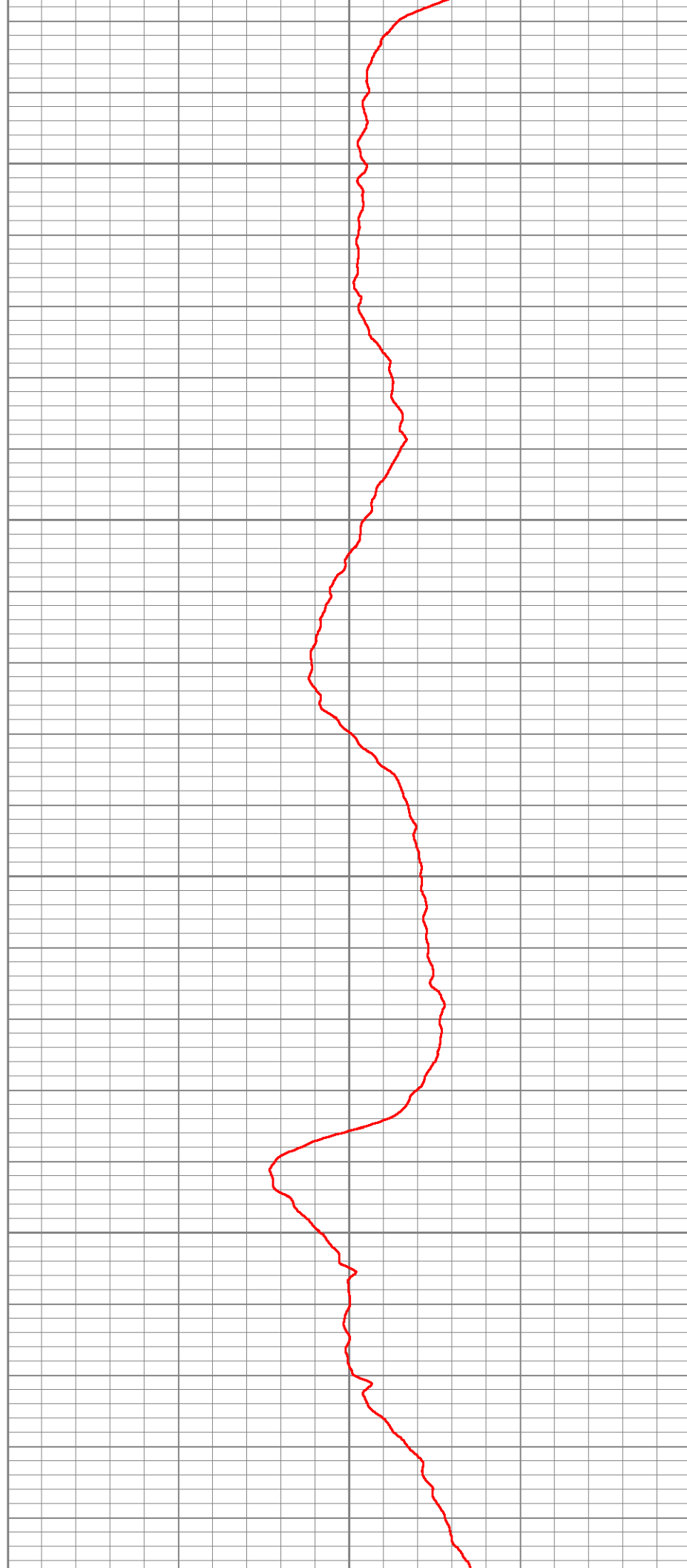


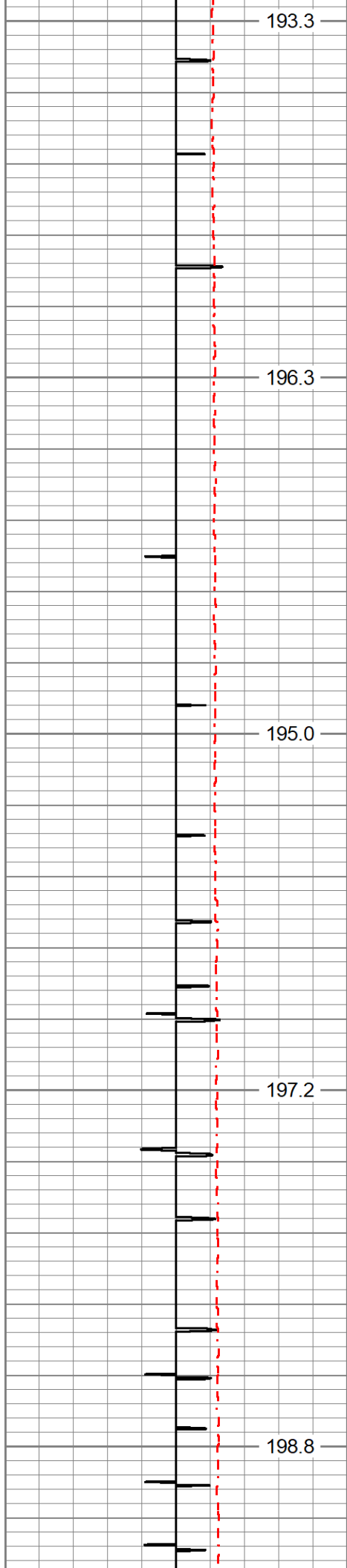
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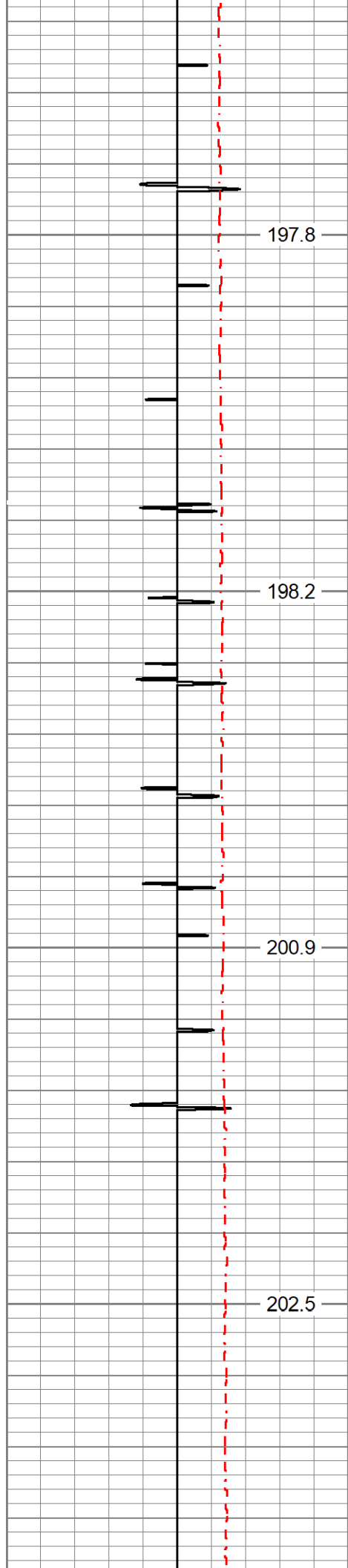
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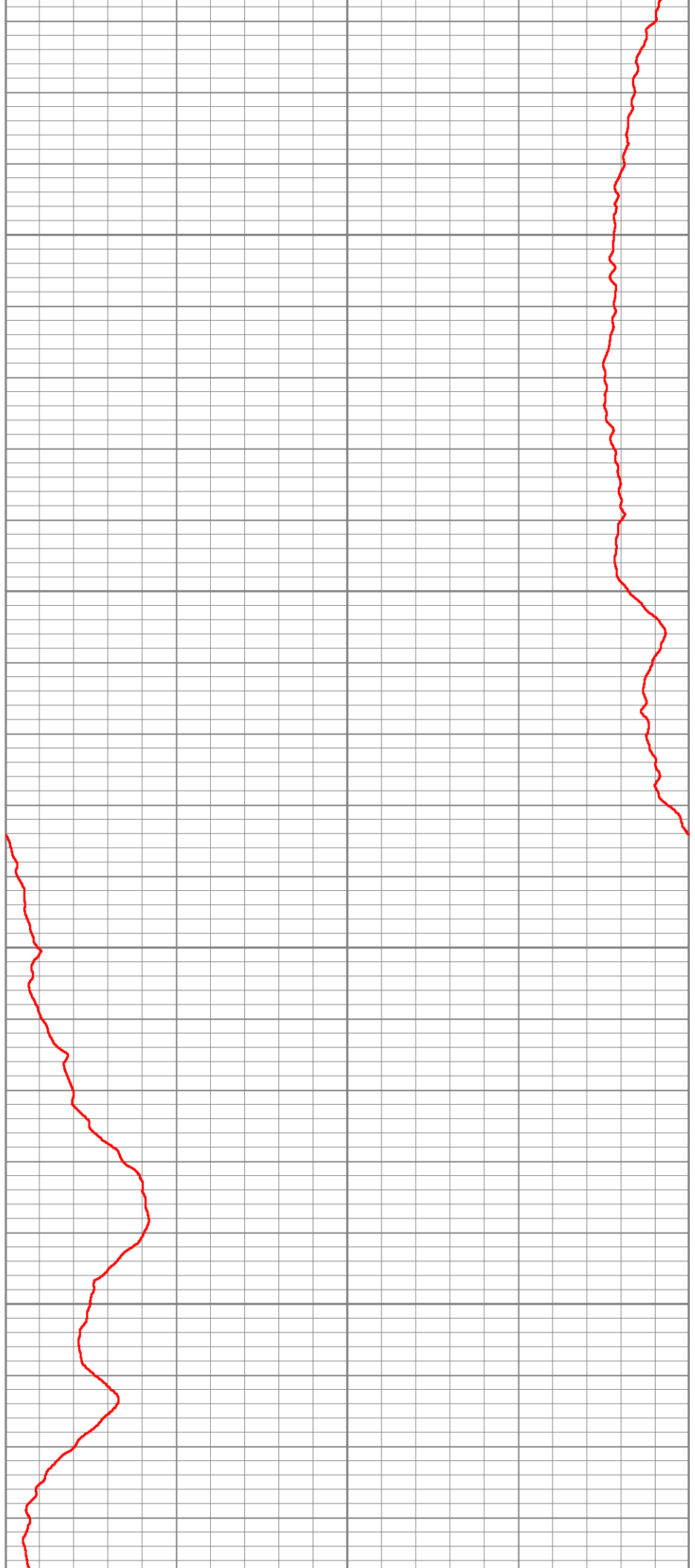


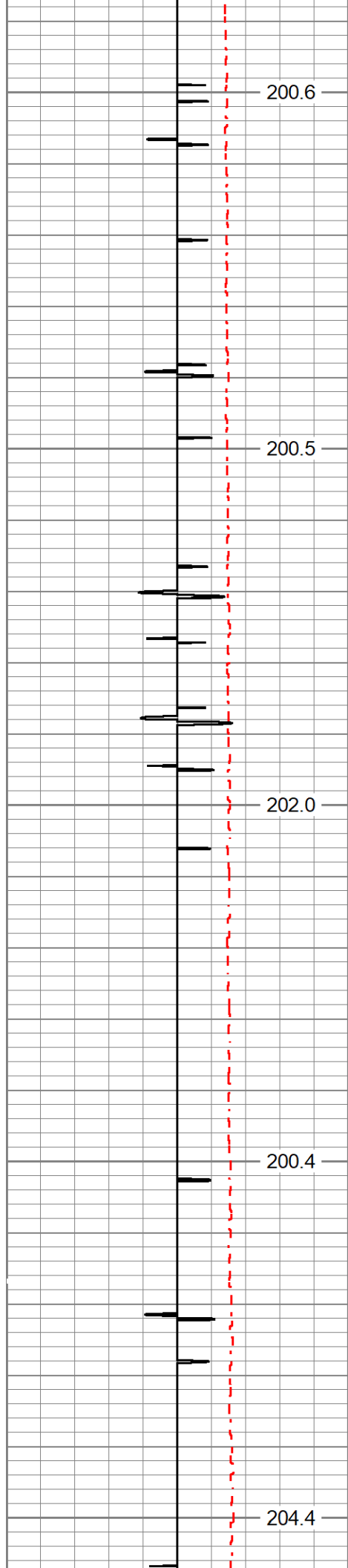
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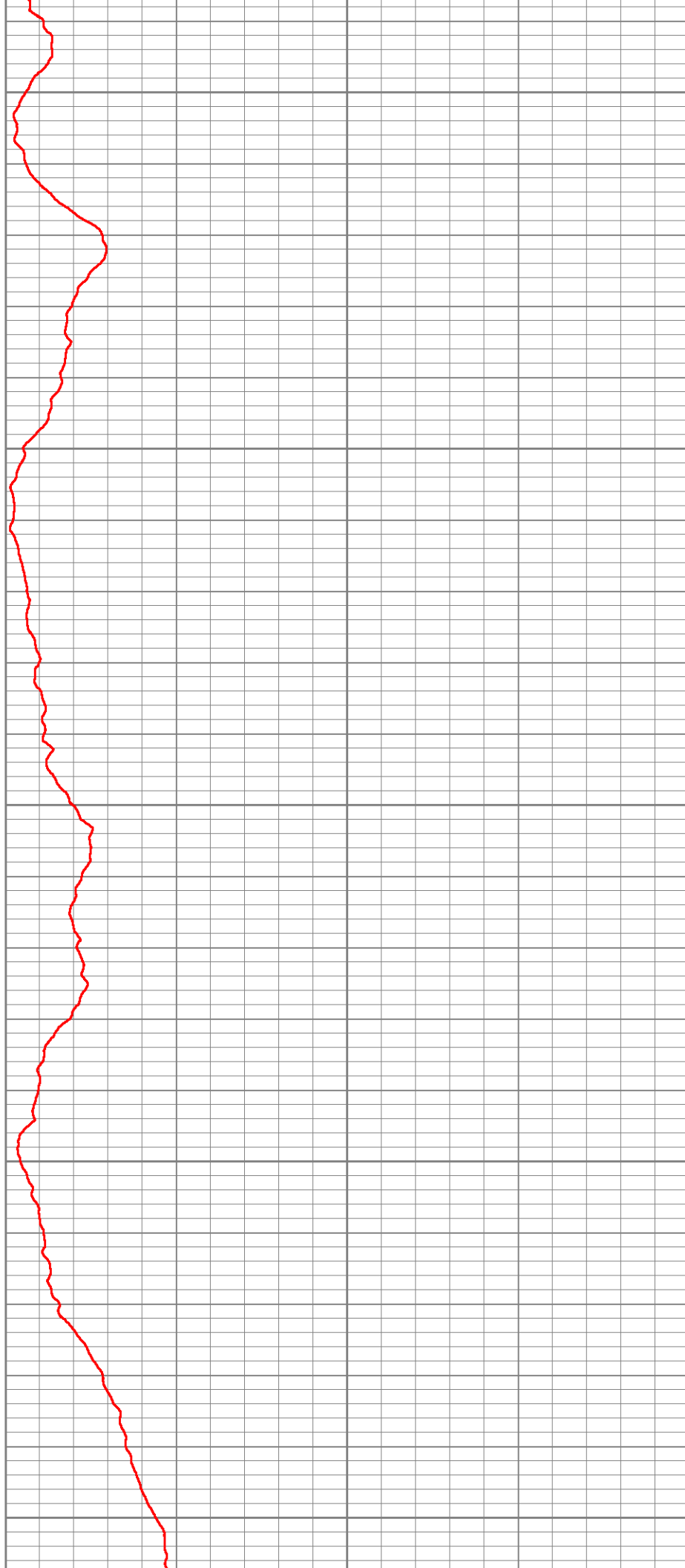
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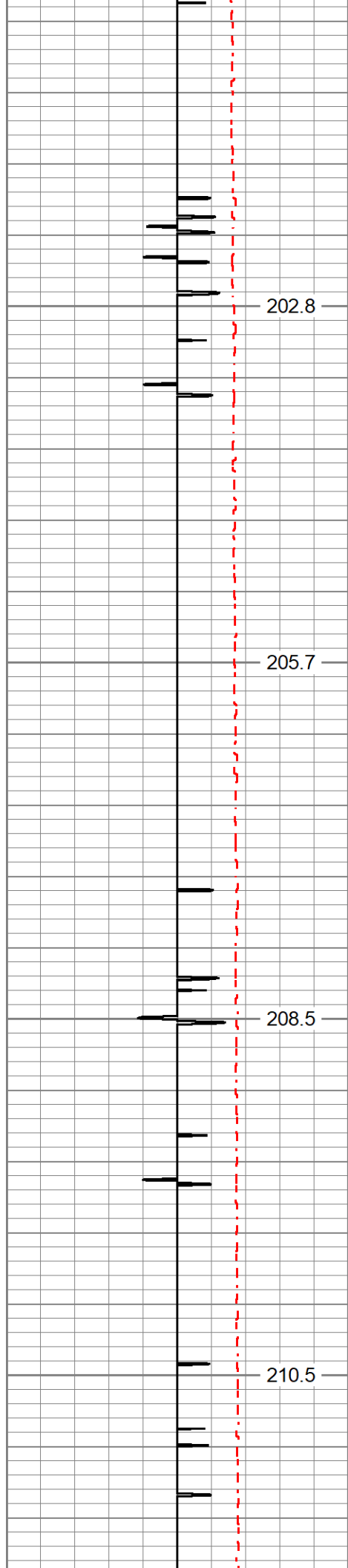
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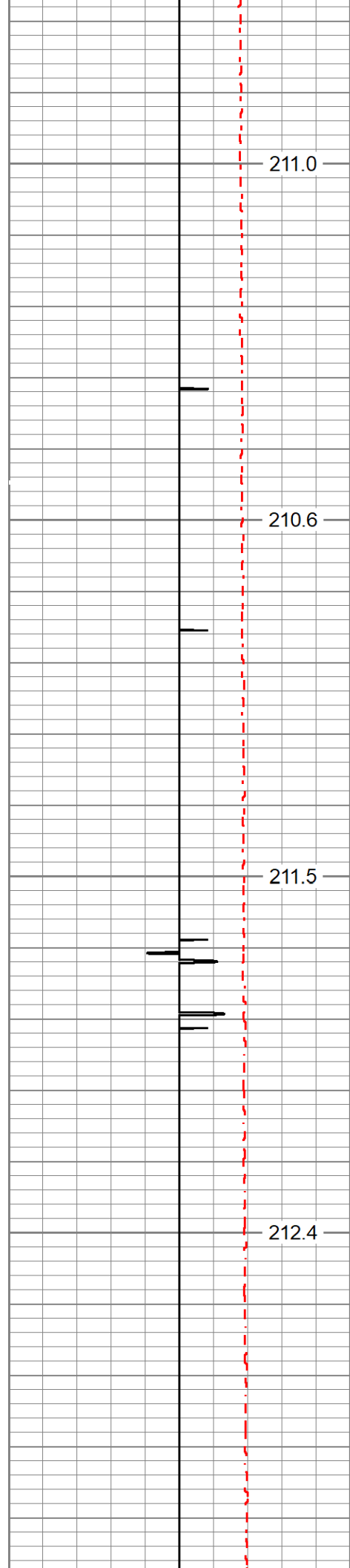


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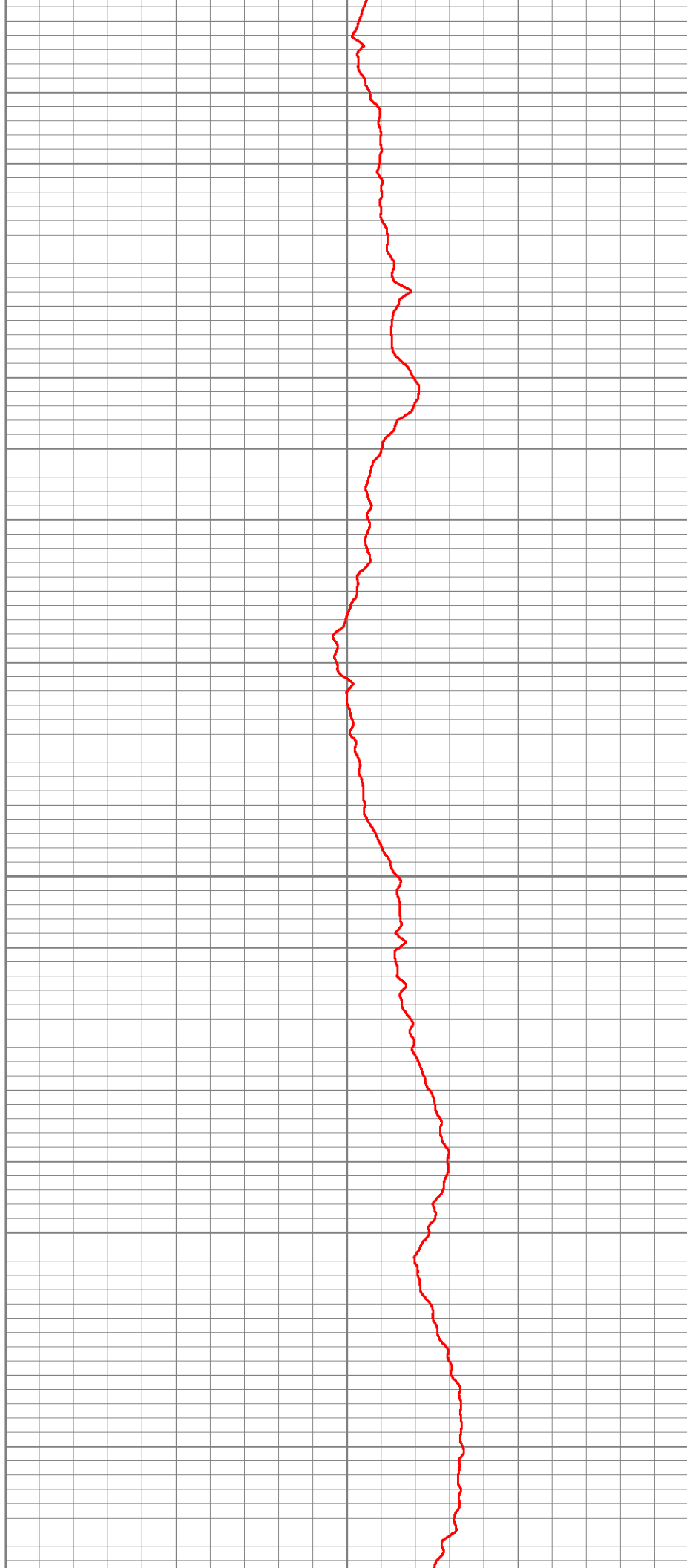


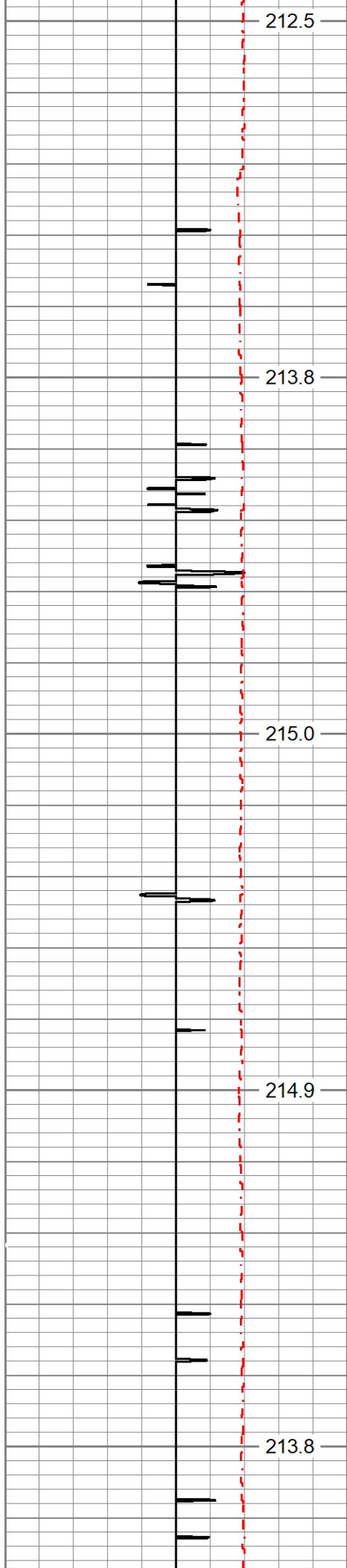
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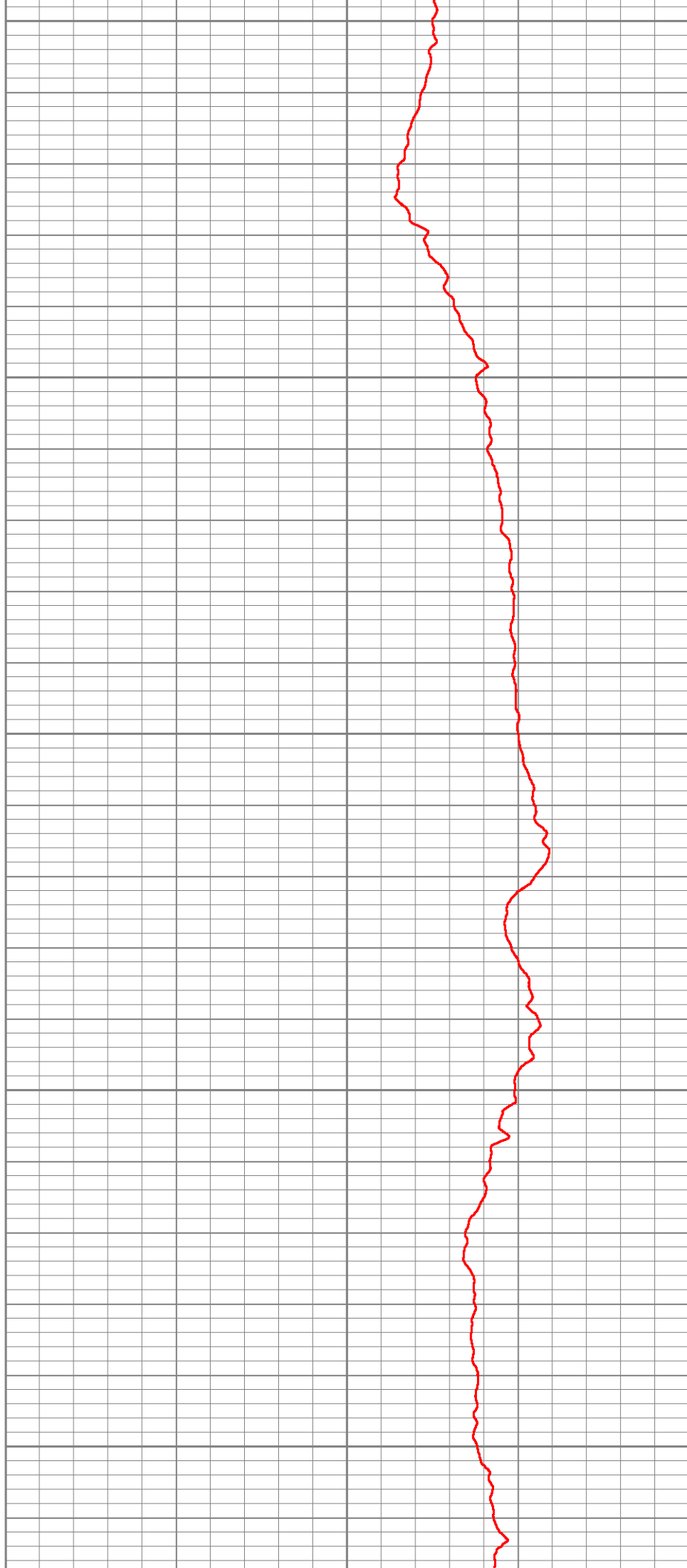
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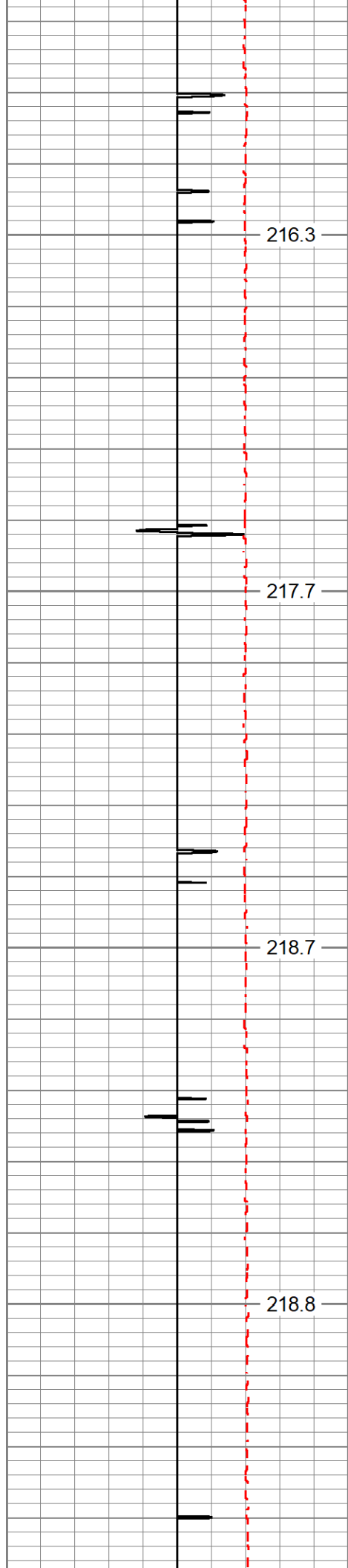
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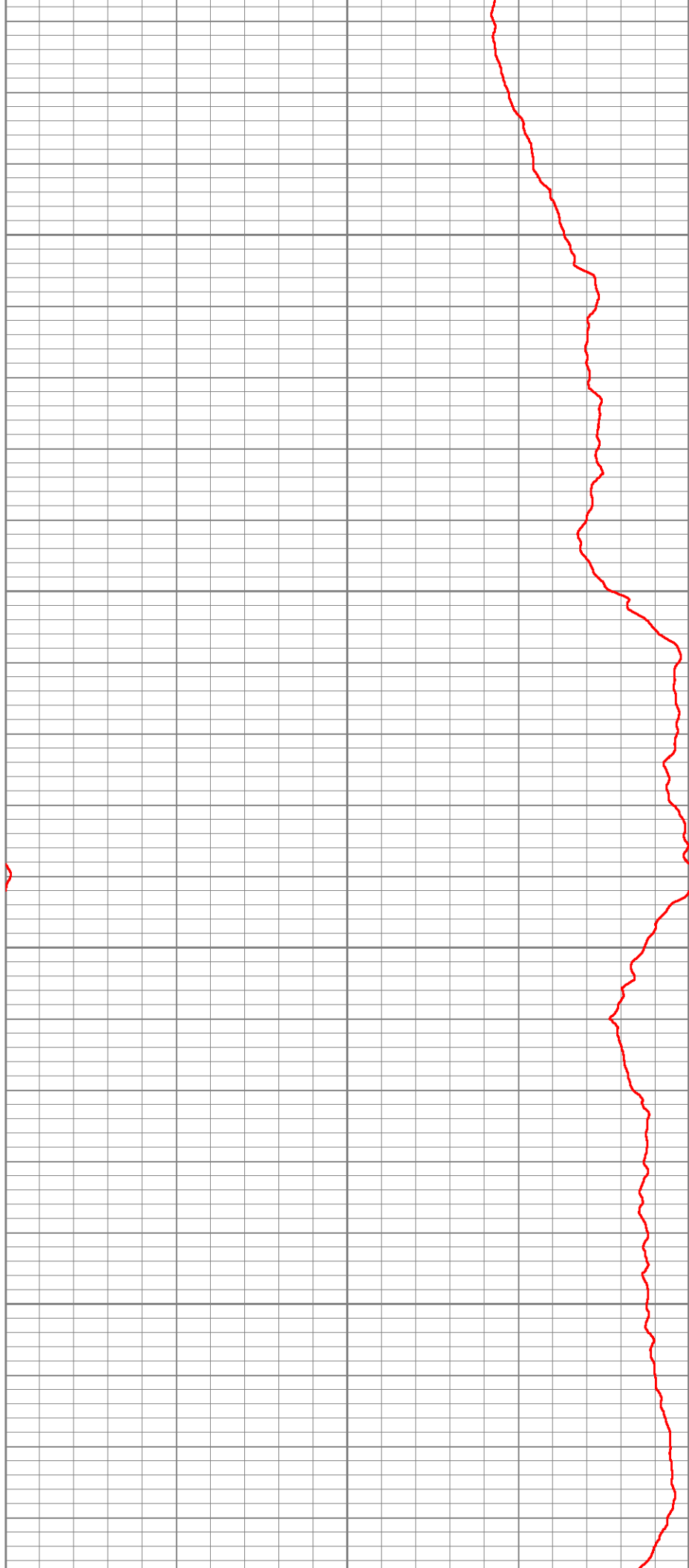


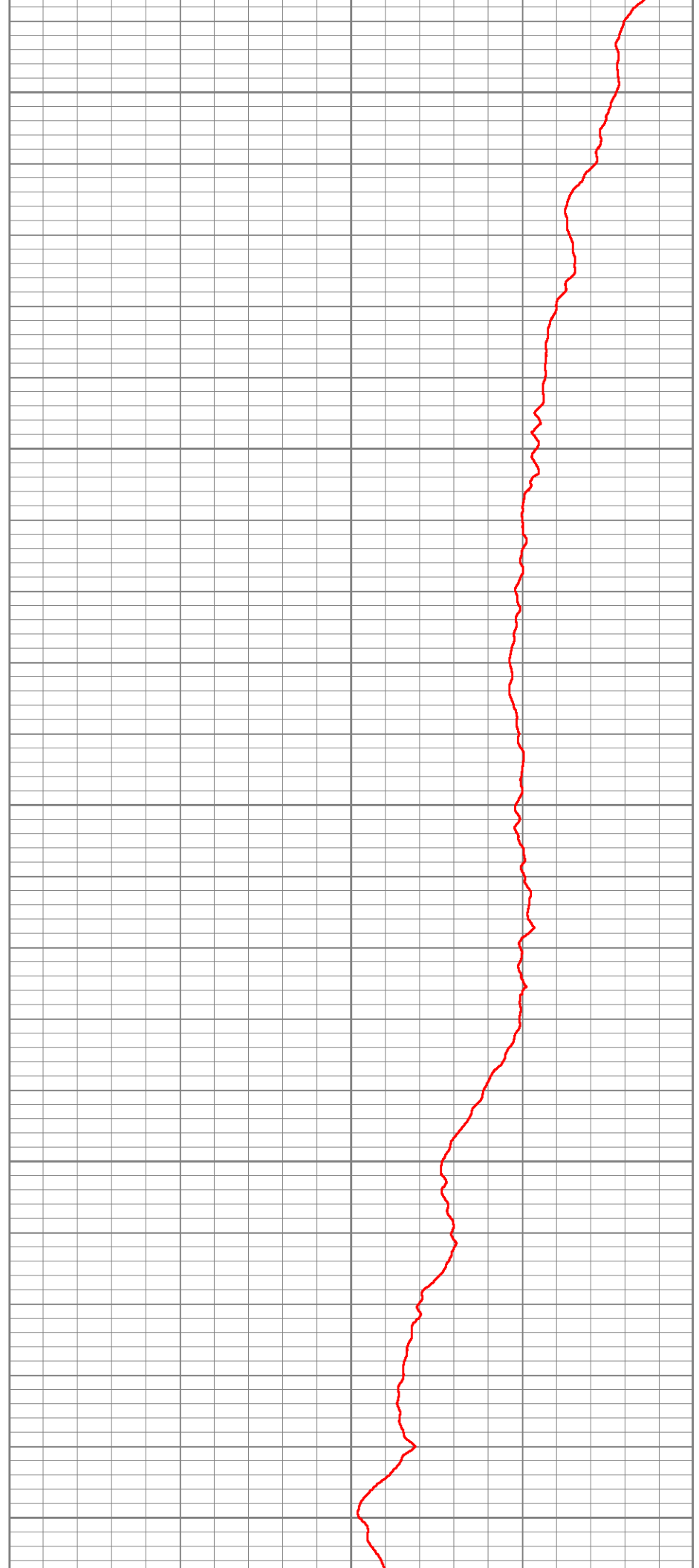
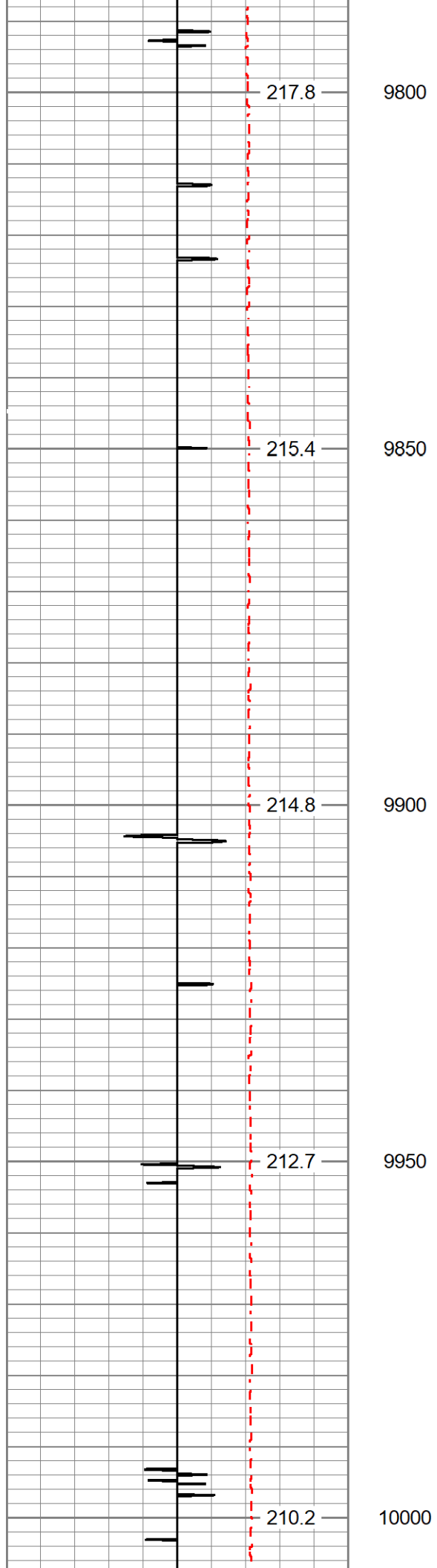
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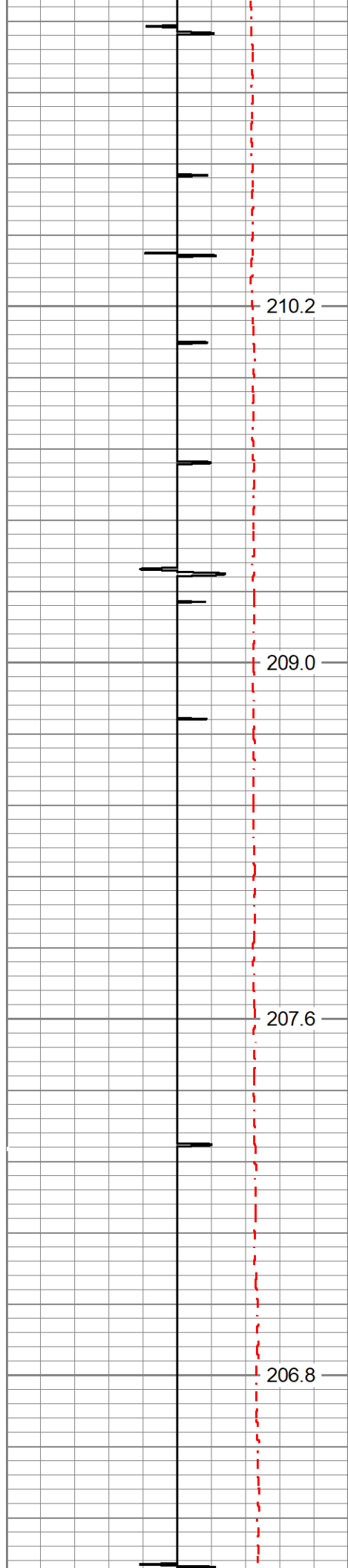
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9750





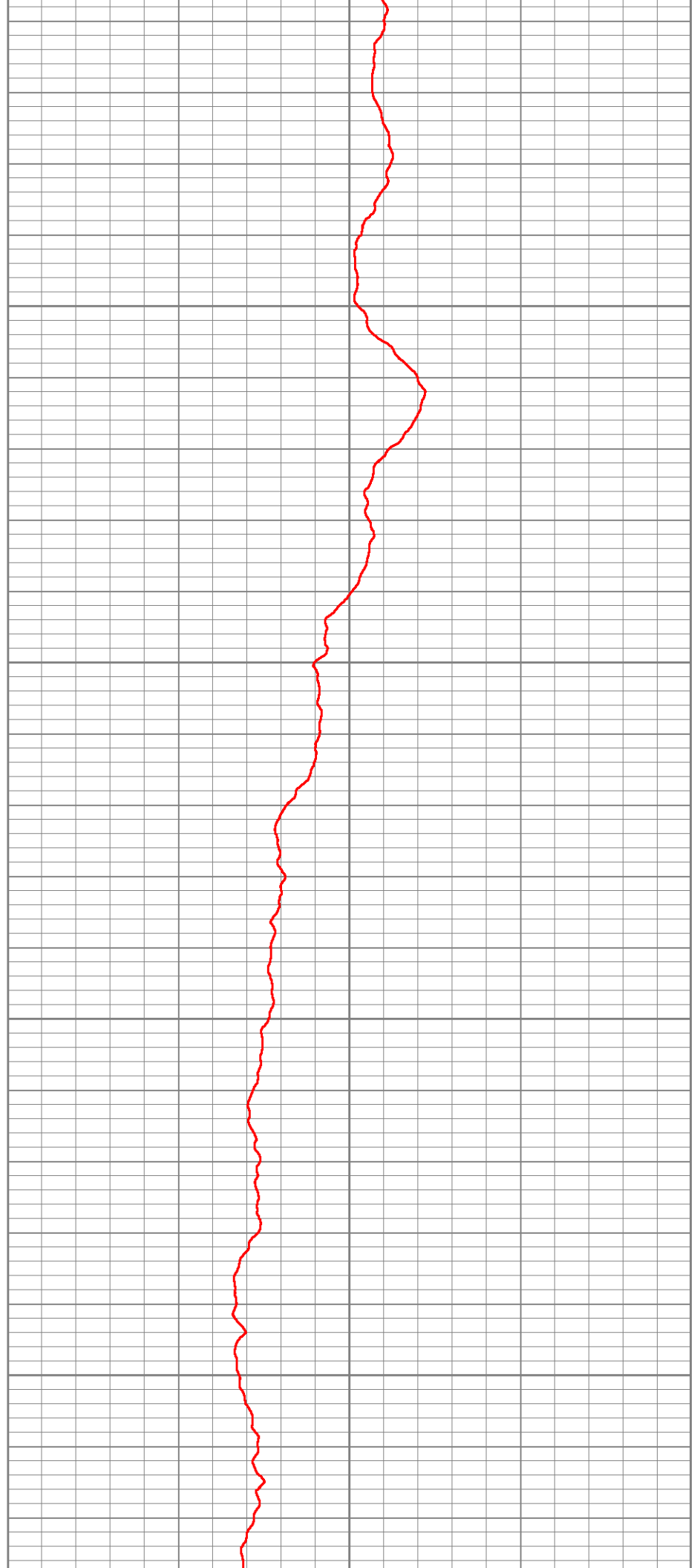


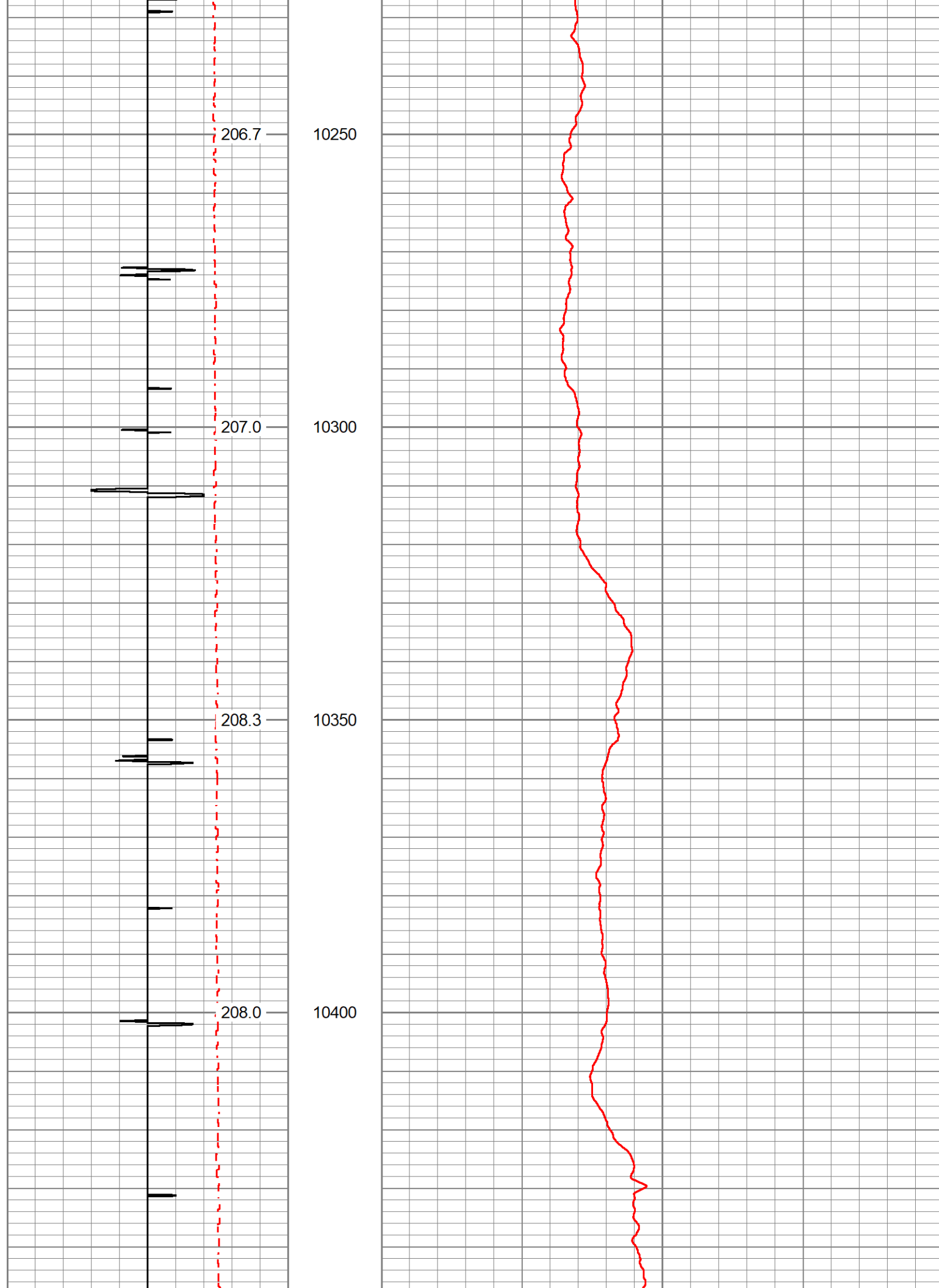
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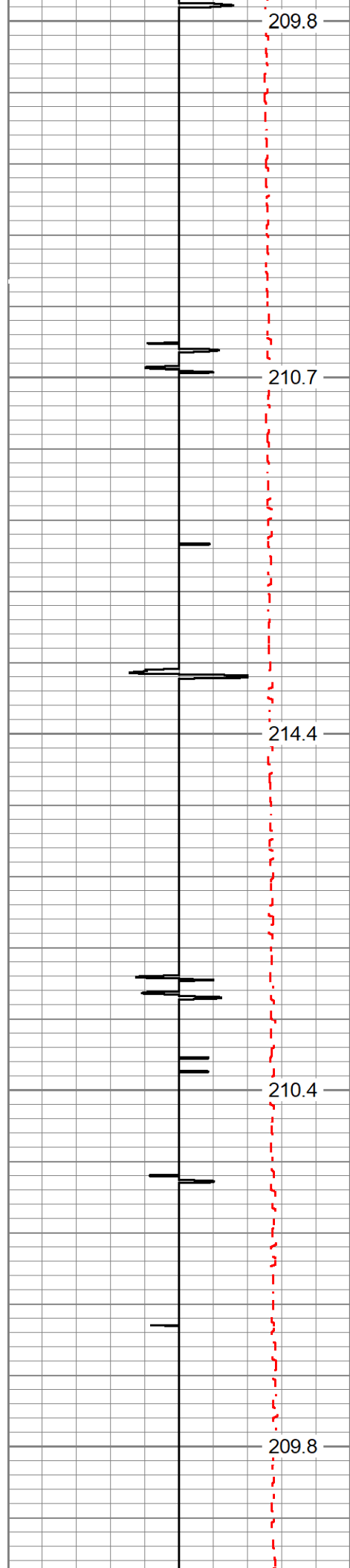
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10150

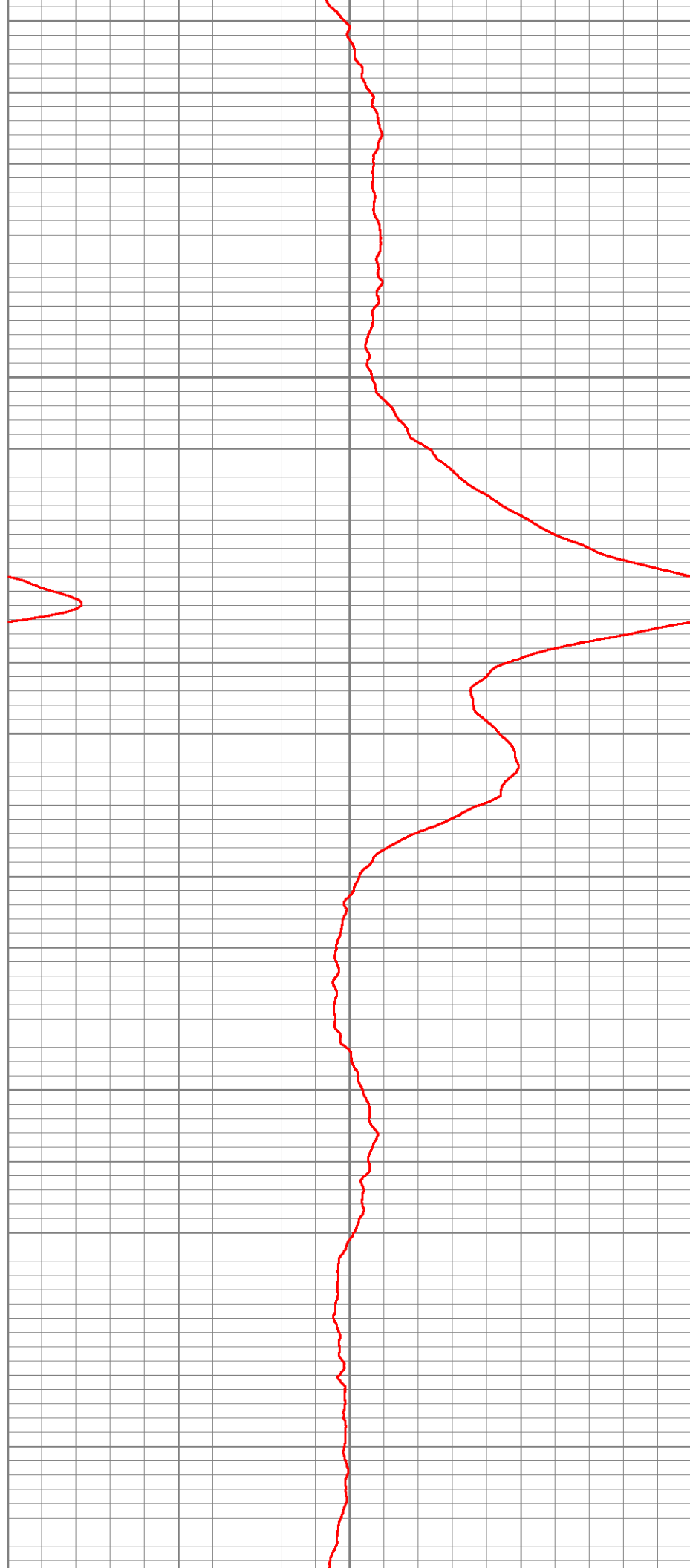
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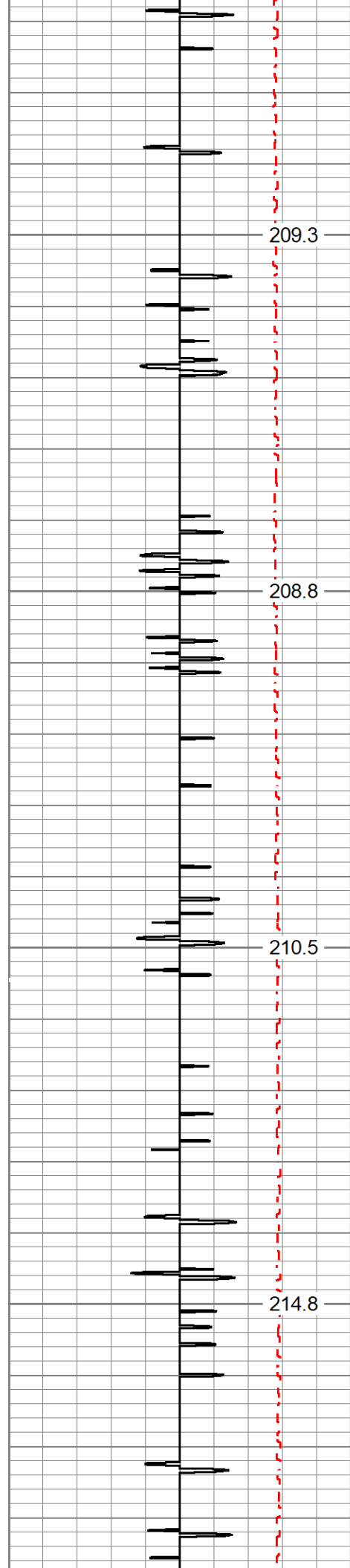






10450
10500
10550
10600
10650



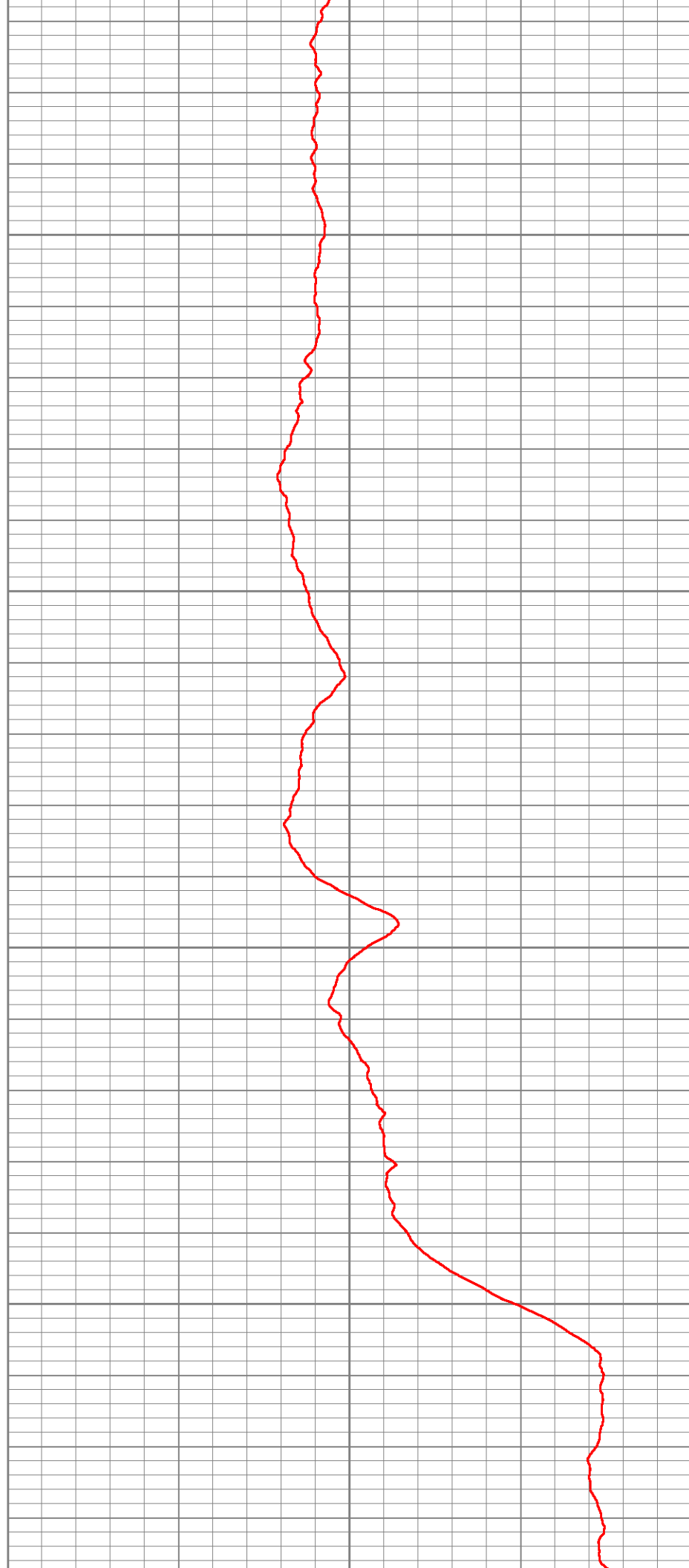


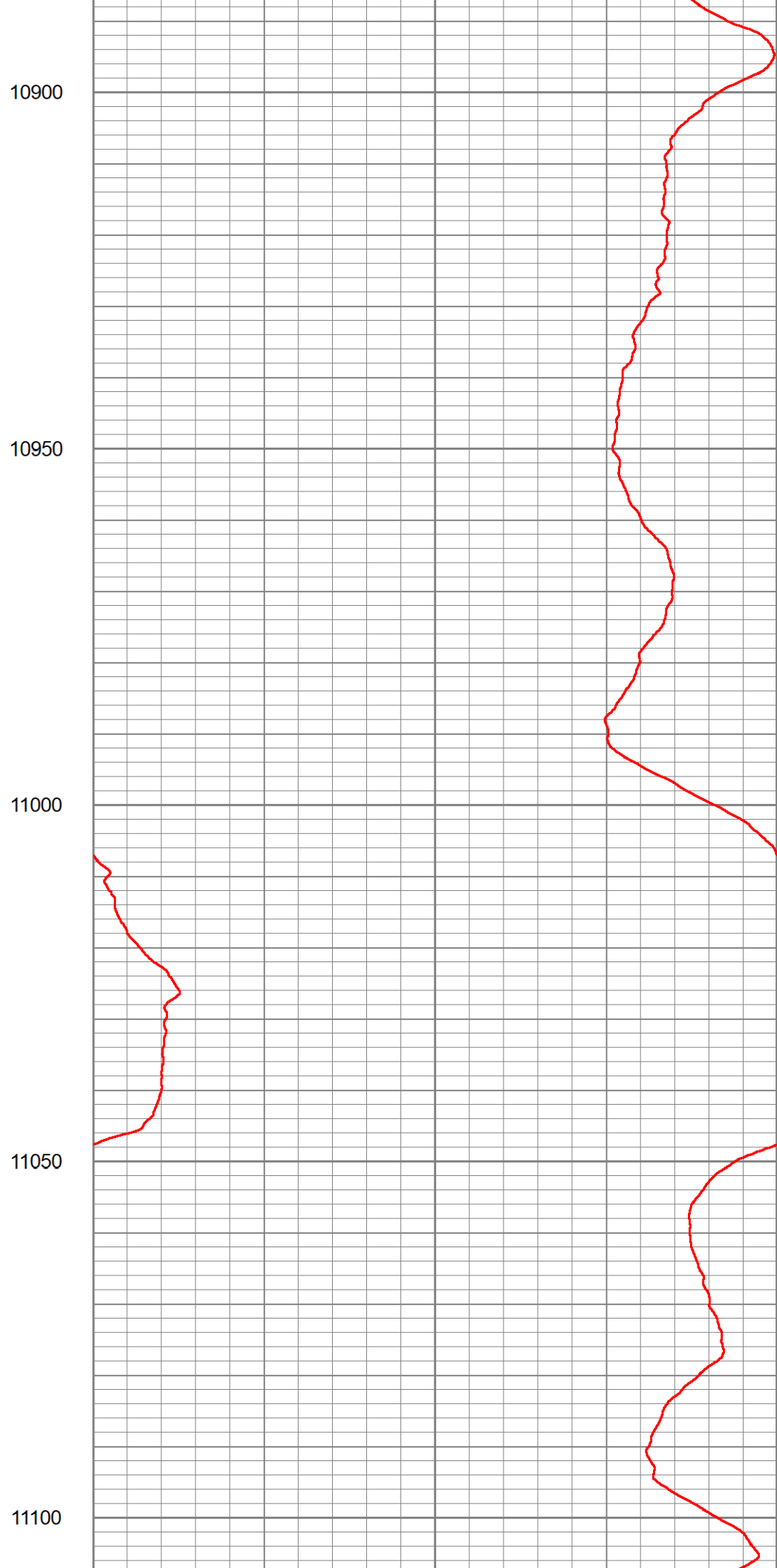
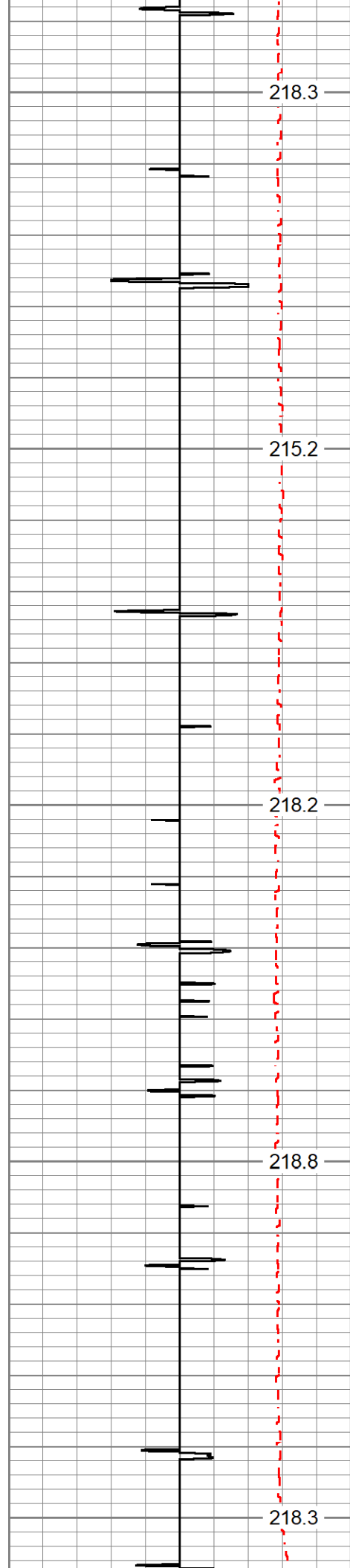
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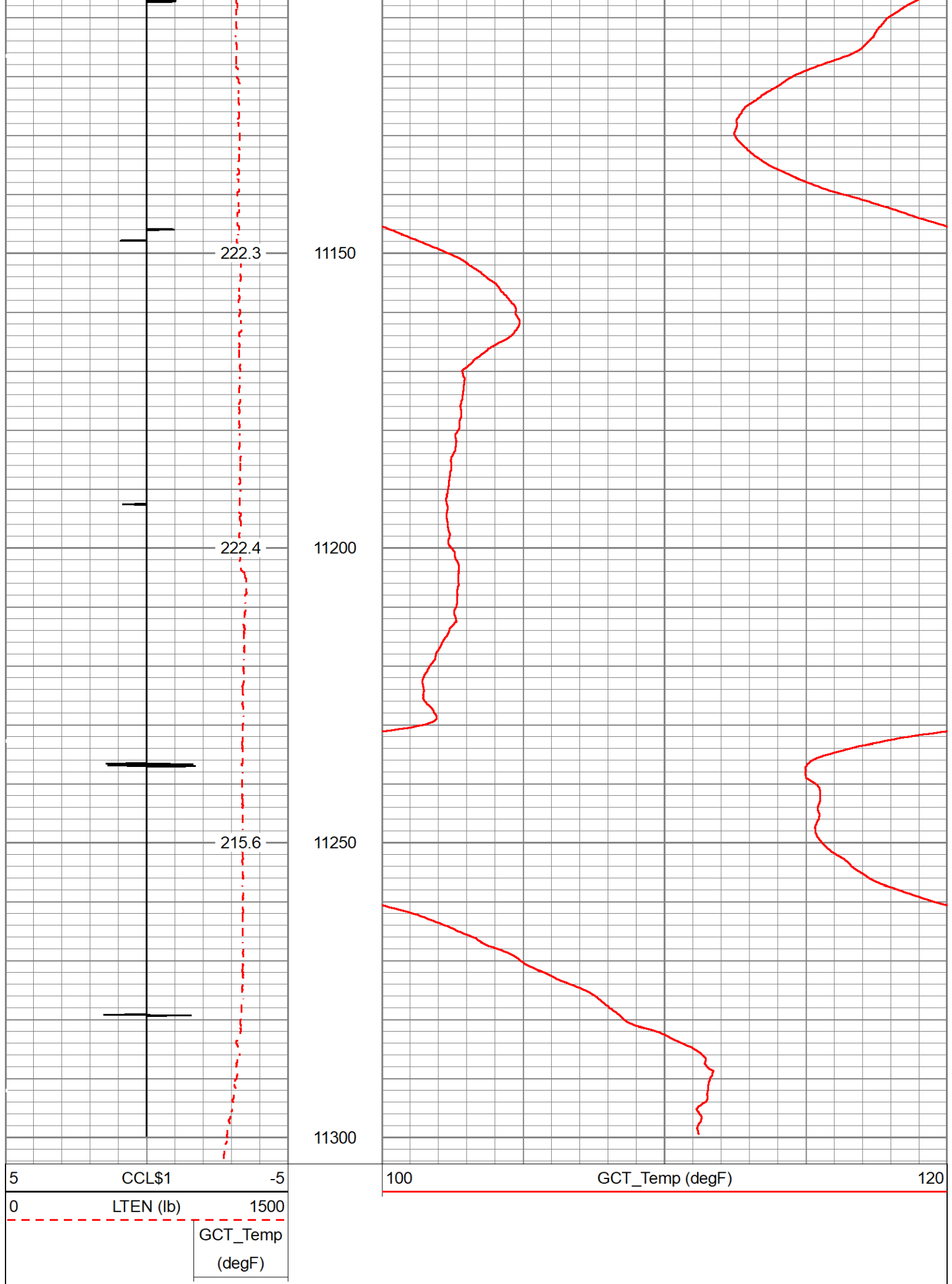
10750


10800


10850







Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_HV	5.67		GCacc-GCTacc_6-Pin-Base (110255) Probe 2.75" Gamma Ray - CCL w/ Temp and 6 Pin Bottom	5.00	2.75	
CCL\$2	4.68					
CCL\$1	4.68					
GCT_TEMP	3.79					
GR	2.99					
GCT_IntTemp	1.95					
GCT_ACCZ	0.28					
GCT_ACCY	0.28					
GCT_ACCX	0.28					
GCT_FMWR	0.00					
Error_Ct	0.00	Adaptor-6TO1 Probe 6 to 1 Adapter	0.28	2.75	2.00	
Dataset: tep_fed_wmc_412-20_temp_10-20-22.db: field/well/run1/main.1 Total length: 5.28 ft Total weight: 2.00 lb O.D.: 2.75 in						

Company	TEP Rocky Mountain LLC				
Well	Federal WMC 412-20				
Field	Rulison				
County	Garfield	State	Colorado		
		Temperature Casing Collar Log			