



Temperature
Casing Collar Log

Company		TEP Rocky Mountain LLC	
Well		Federal WMC 531-20	
Field		Rulison	
County		Garfield	
State		Colorado	
Location:		API # : 05-045-24498	
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	01-DEC-2022		
Run Number	One		
Depth Driller	11160 FT		
Depth Logger	11084 FT		
Bottom Logged Interval	11084 FT		
Top Log Interval	Surface		
Open Hole Size	8.75"		
Type Fluid	Water		
Density / Viscosity	8.34 Lb/Gal		
Max. Recorded Temp.	240°F		
Estimated Cement Top	6220 FT		
Time Well Ready	ROA		
Time Logger on Bottom	13:00		
Equipment Number	8047		
Location	Grand Junction		
Recorded By	P. Edwards		
Witnessed By	G. Wade		
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

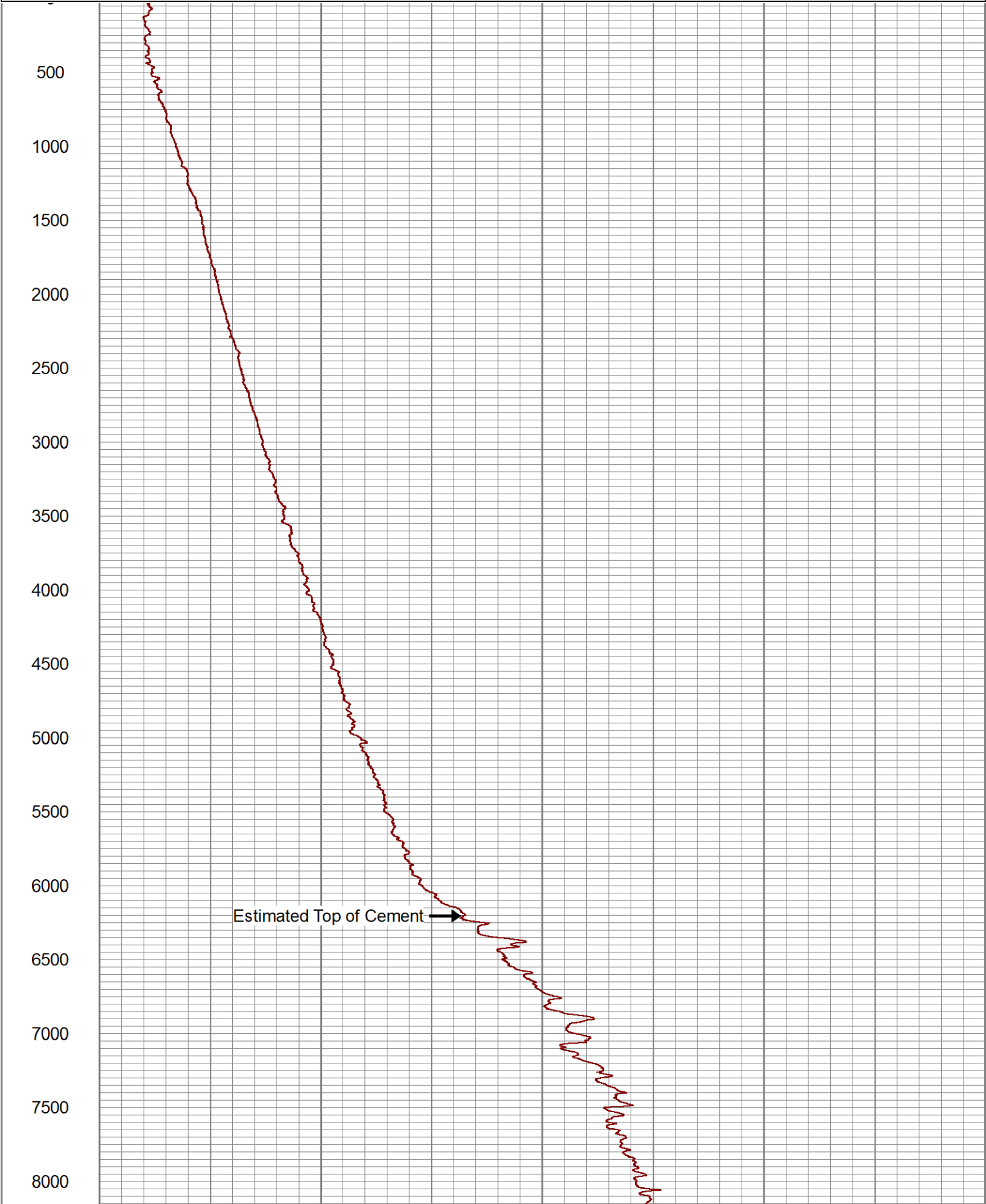
Thank you for choosing The Wireline Group!

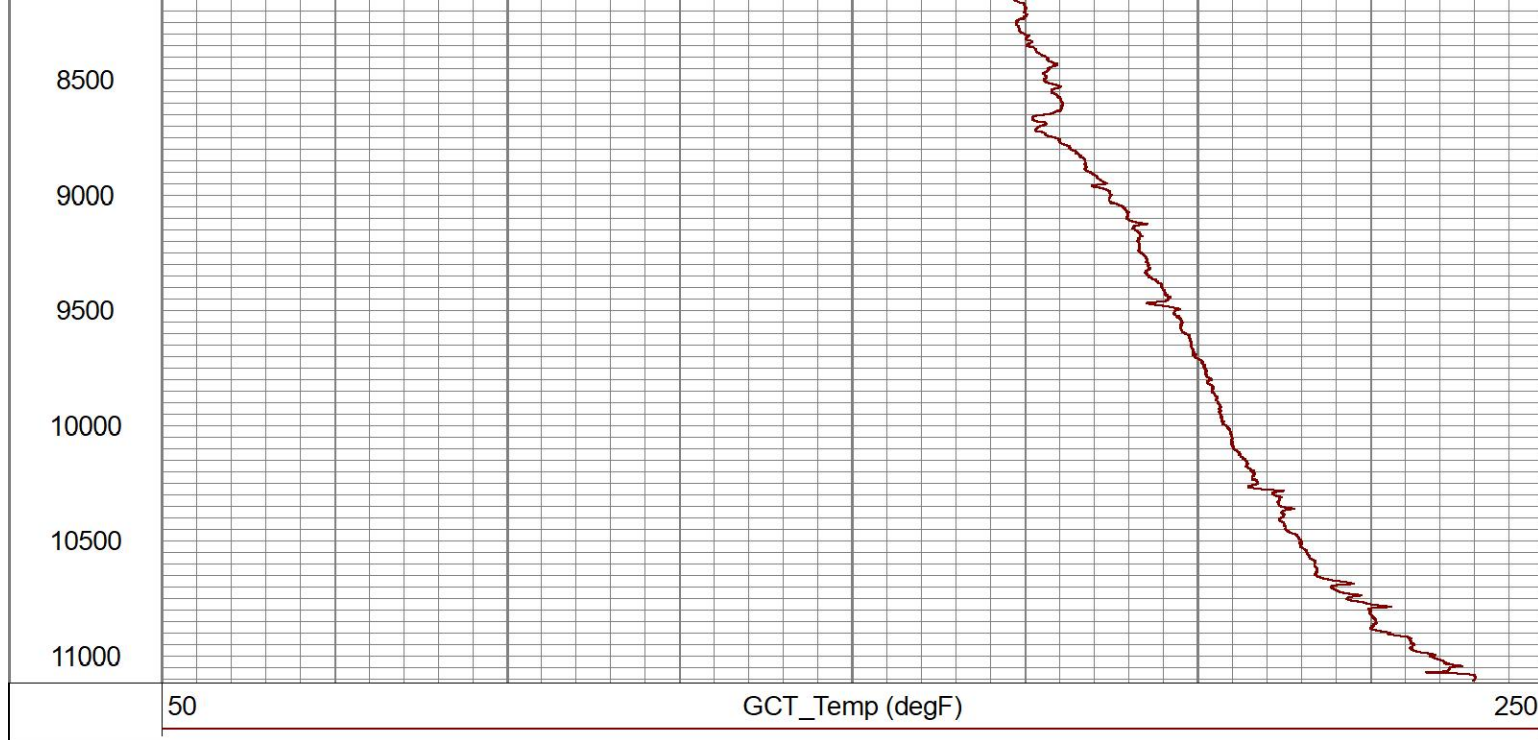


Main Pass (Quick Look)

Database File	tep_federal wmc 531-20_temp_12-1-2022.db
Dataset Pathname	main1.1
Presentation Format	ros_temp_ql_tep
Dataset Creation	Thu Dec 01 13:05:26 2022
Charted by	Depth in Feet scaled 1:10000

	50	GCT_Temp (degF)	250
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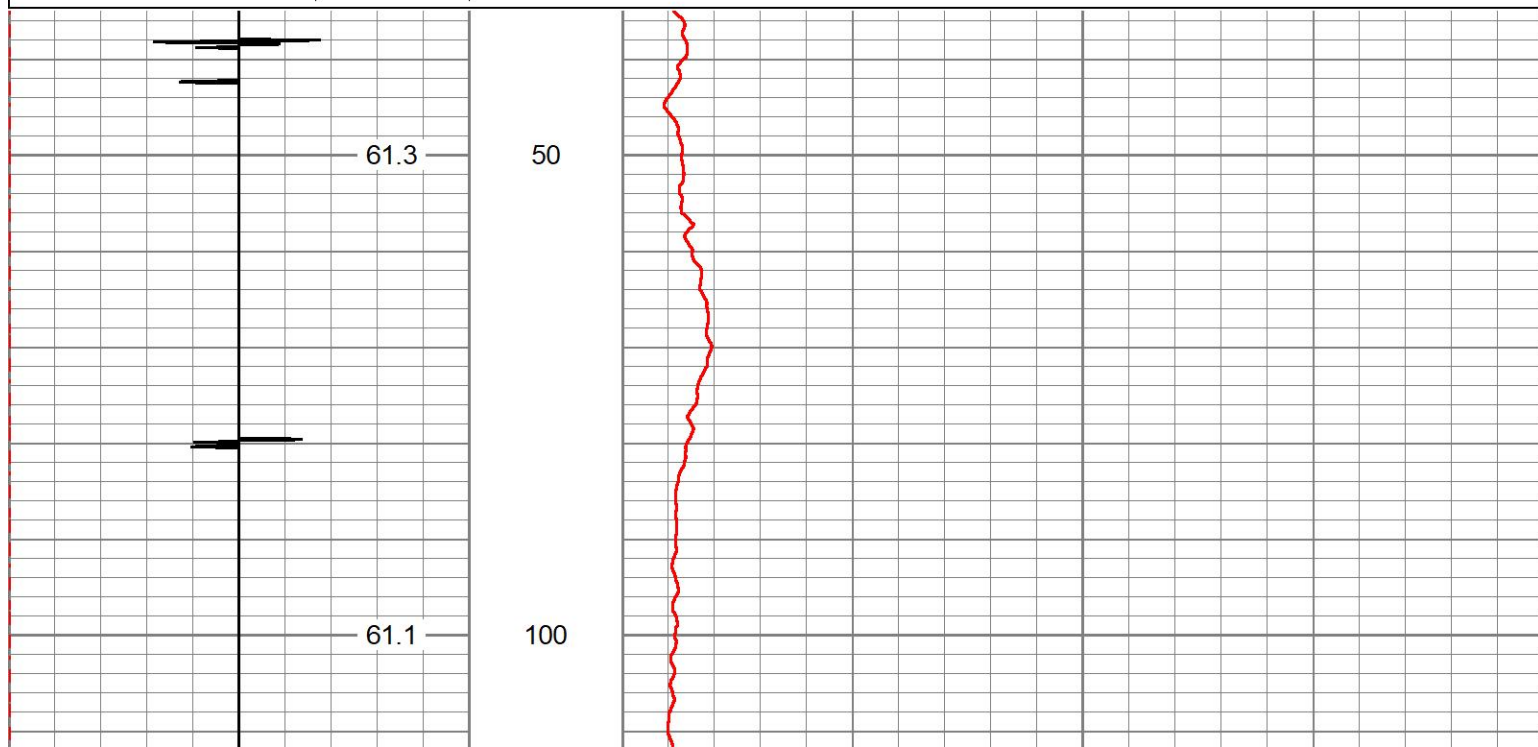


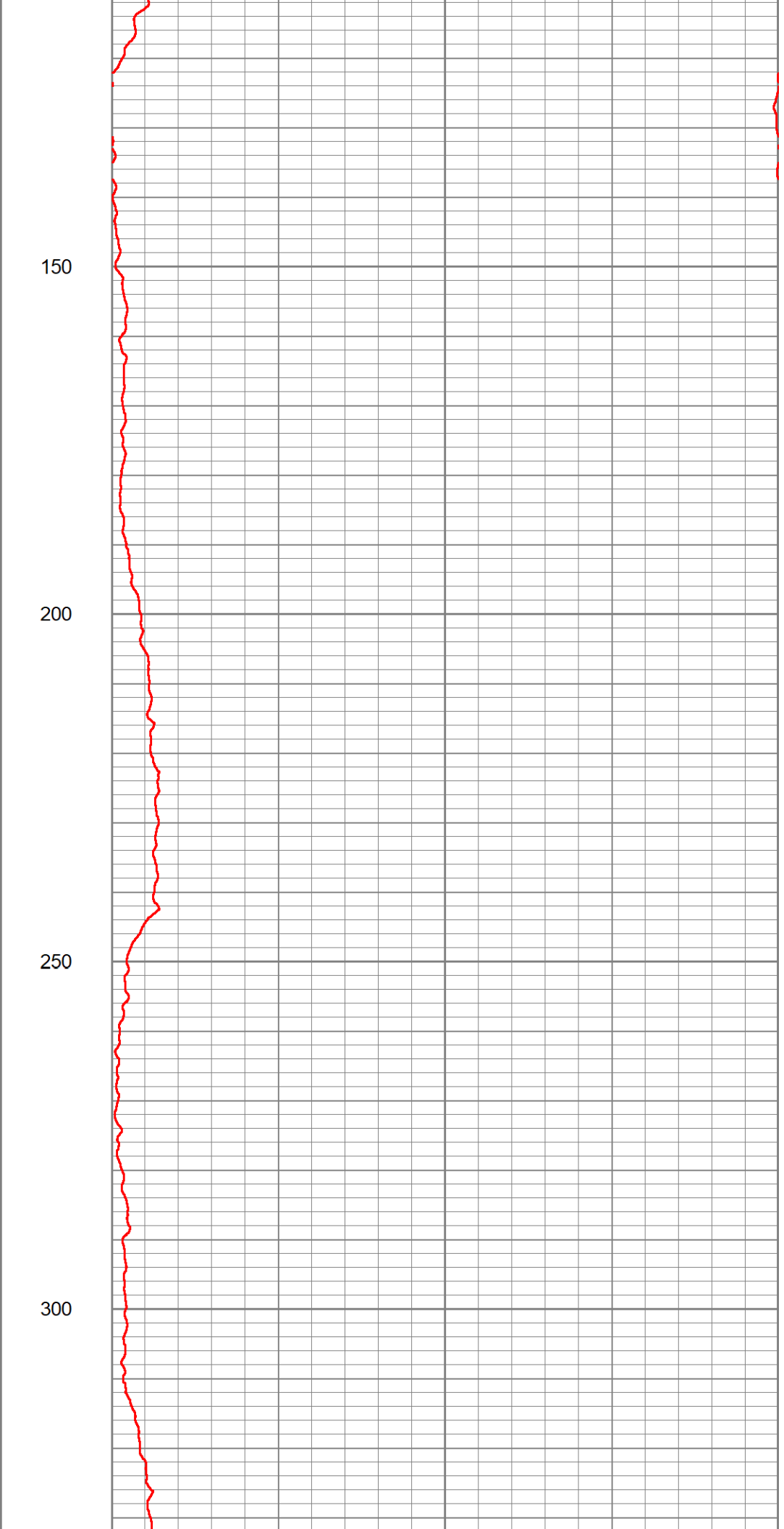
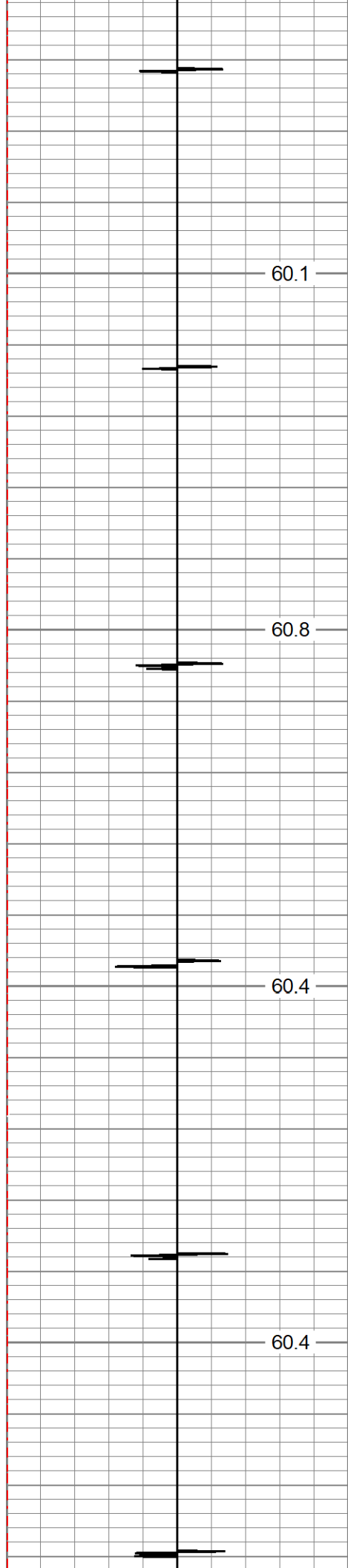


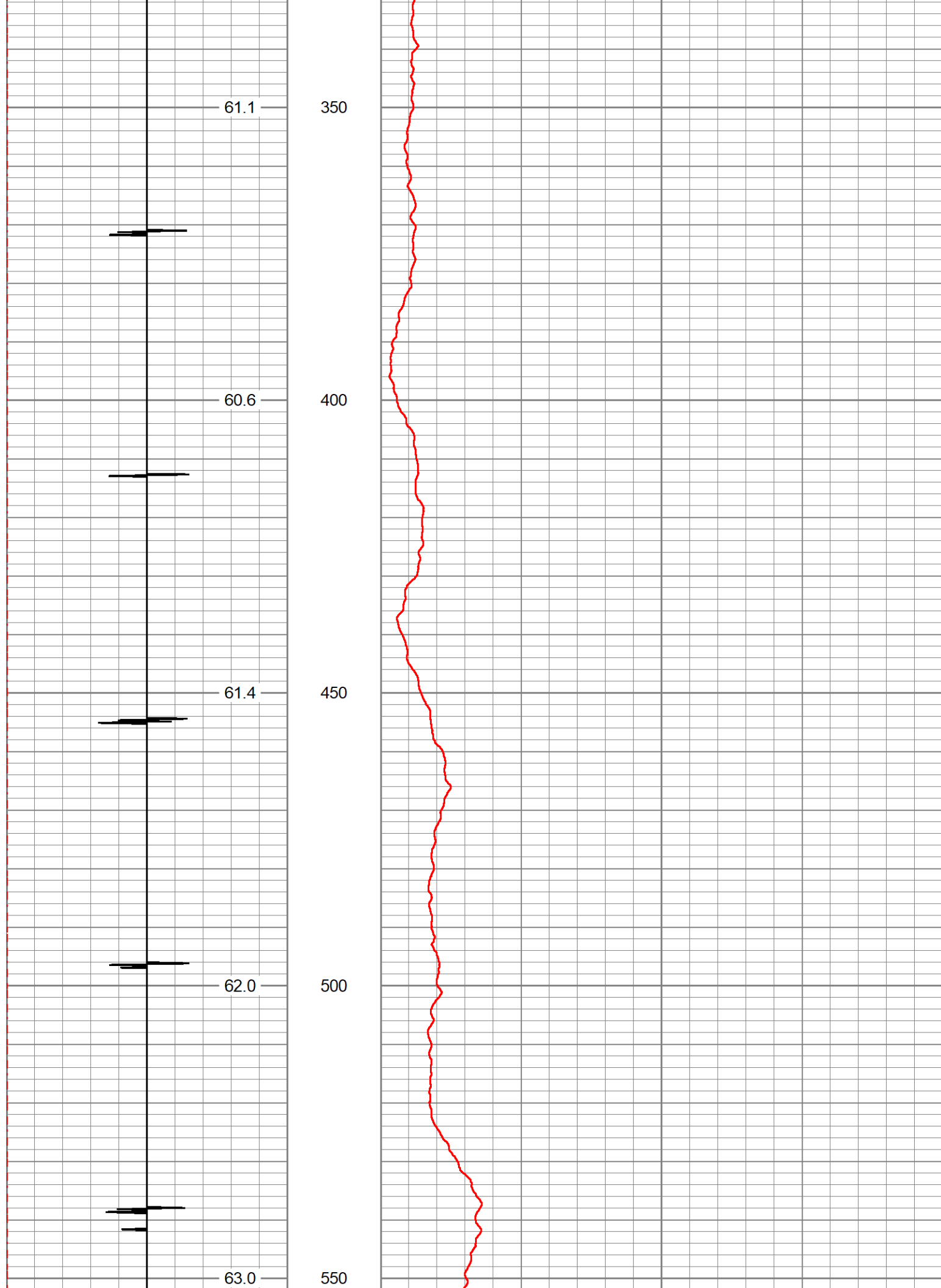
Main Pass

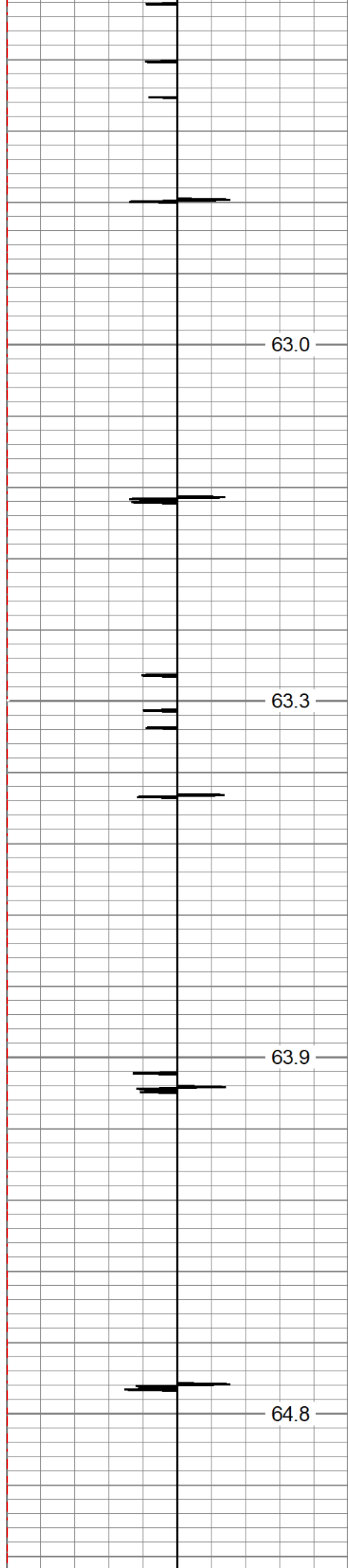
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Dataset Pathname	main1
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Dataset Creation	Thu Dec 01 12:16:54 2022
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5	CCL\$1	-5	100	GCT_Temp (degF)	120
0	LTEN (lb)	1500			
		GCT_Temp (degF)			







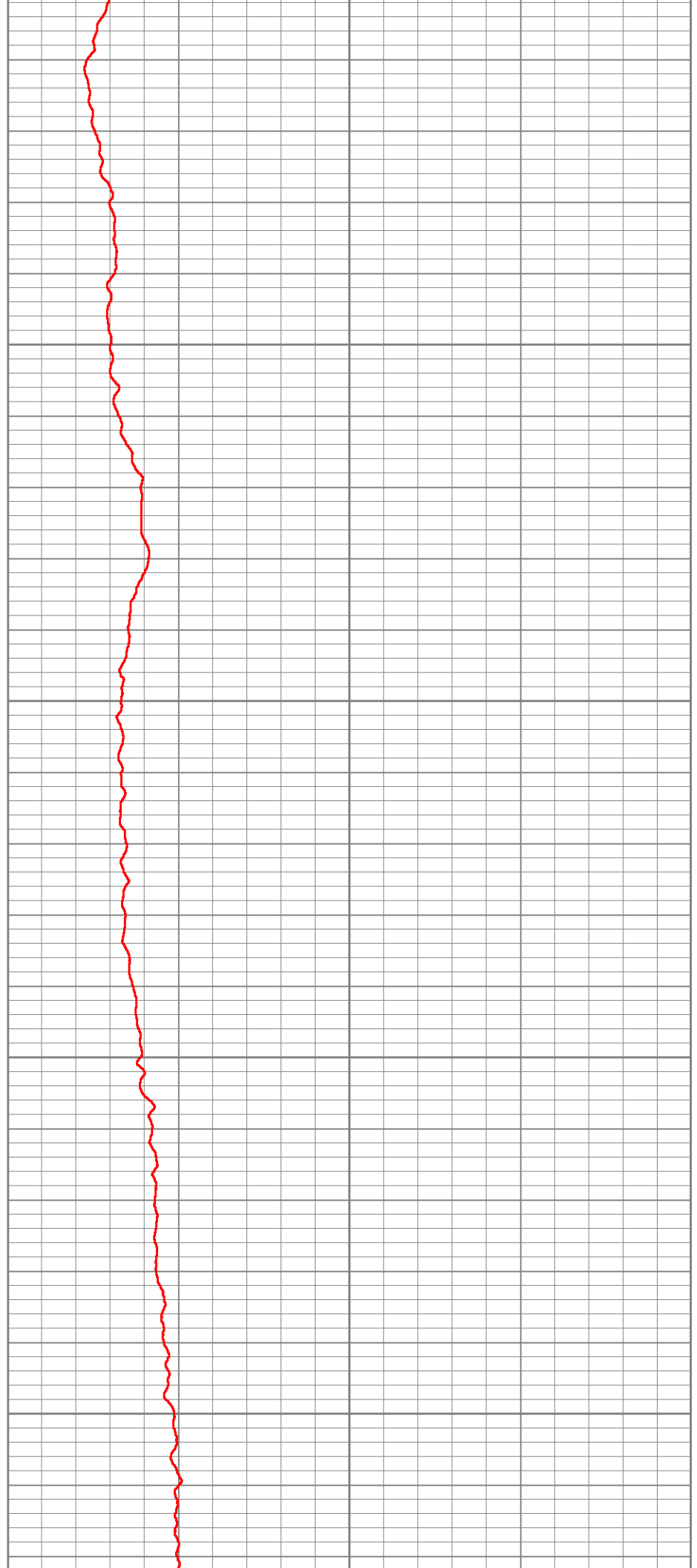


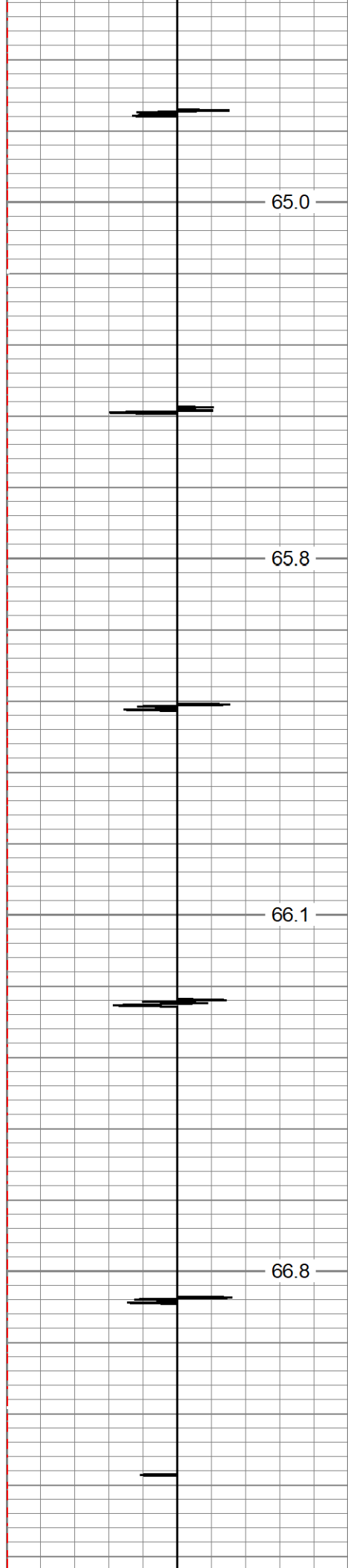
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650

700

750



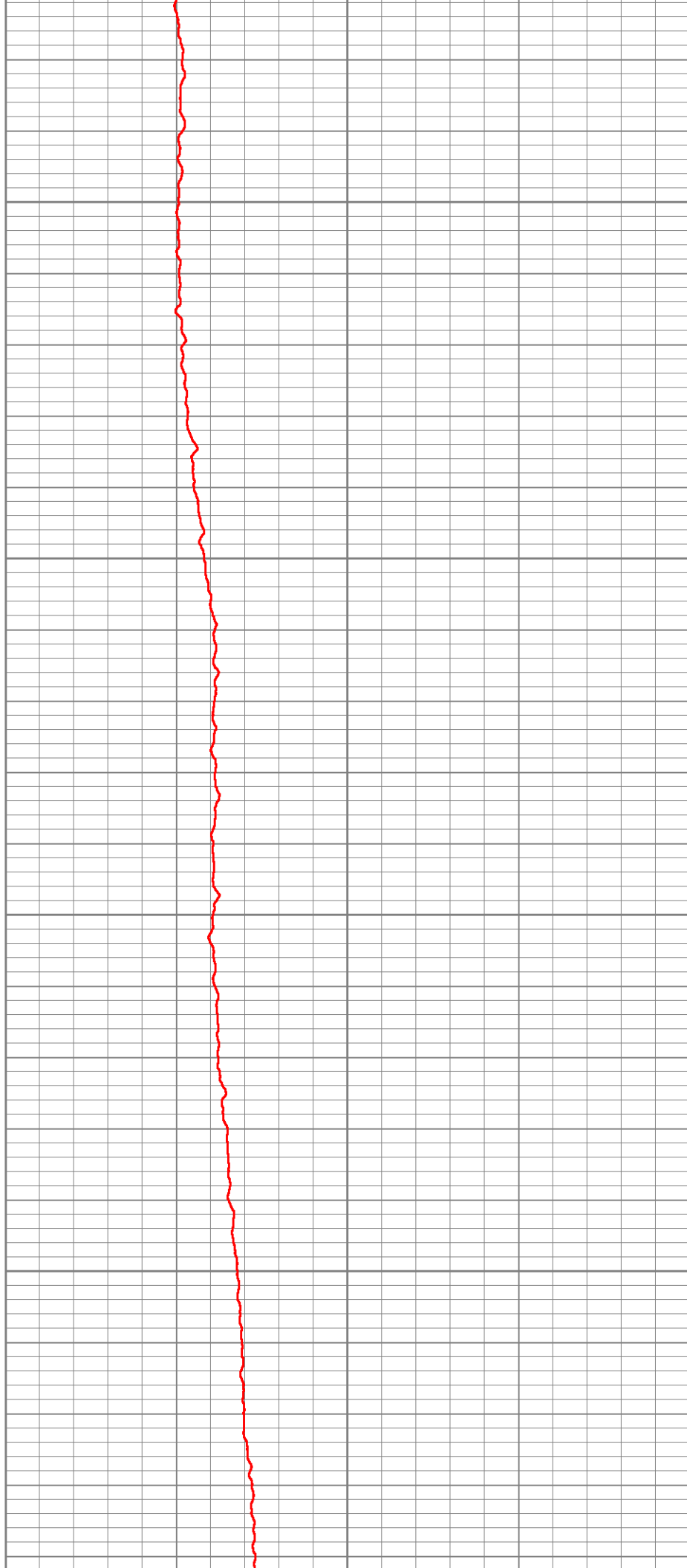


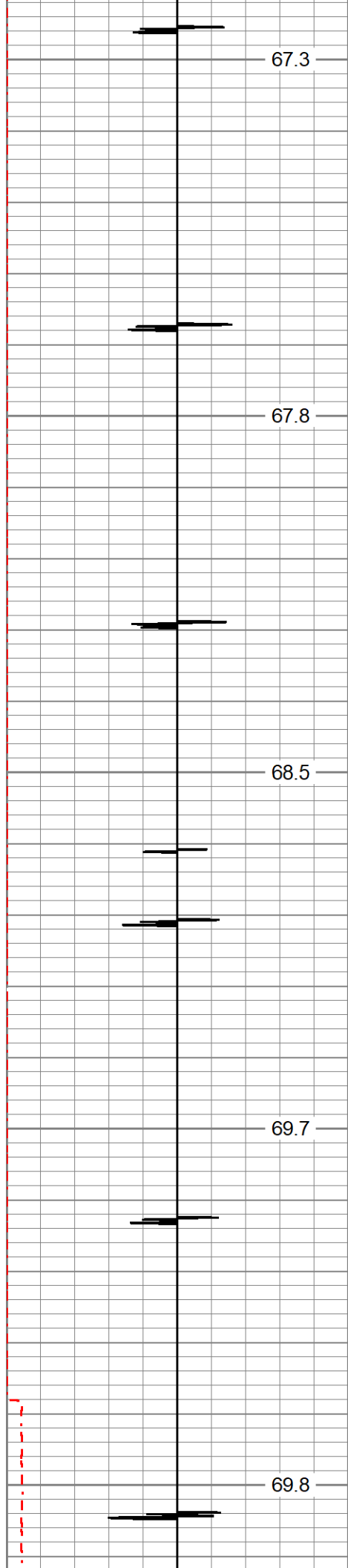
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850

900

950





67.3

67.8

68.5

69.7

69.8

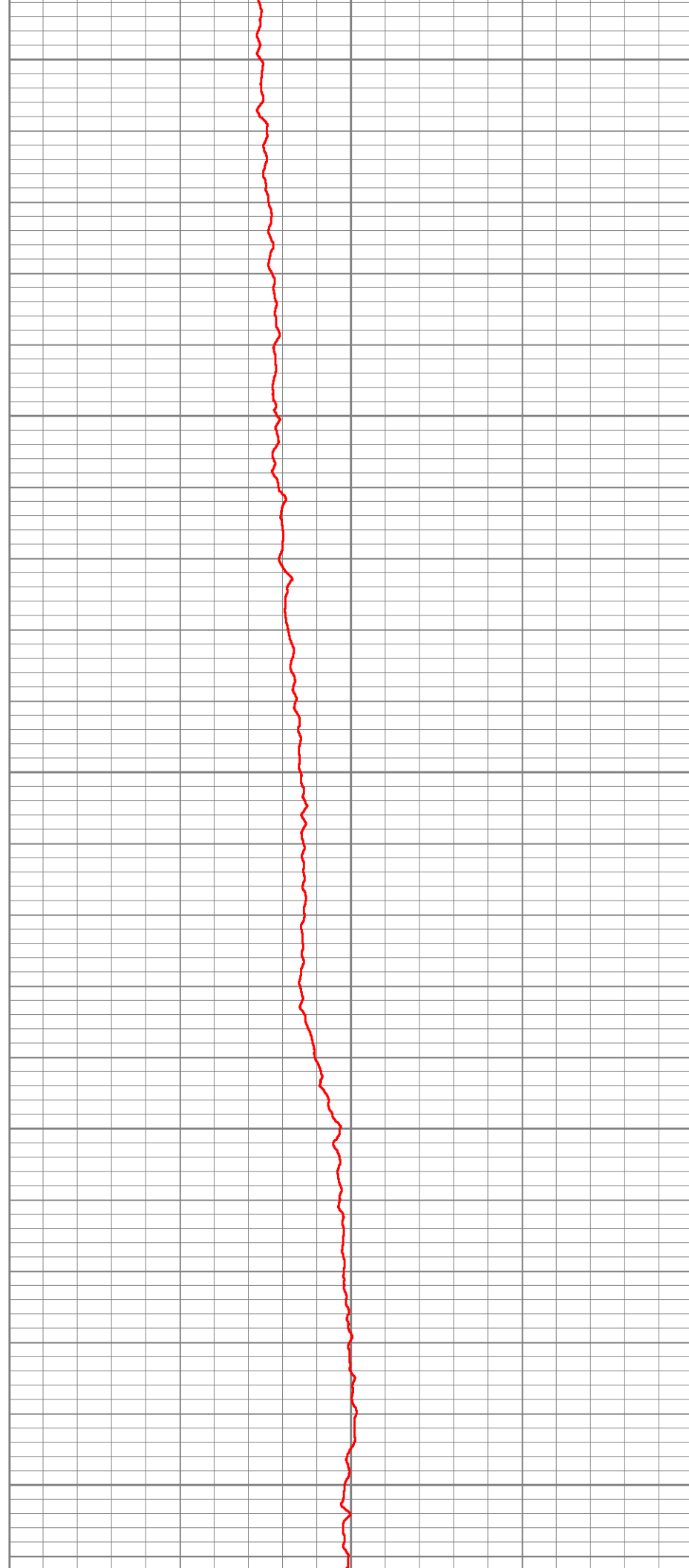
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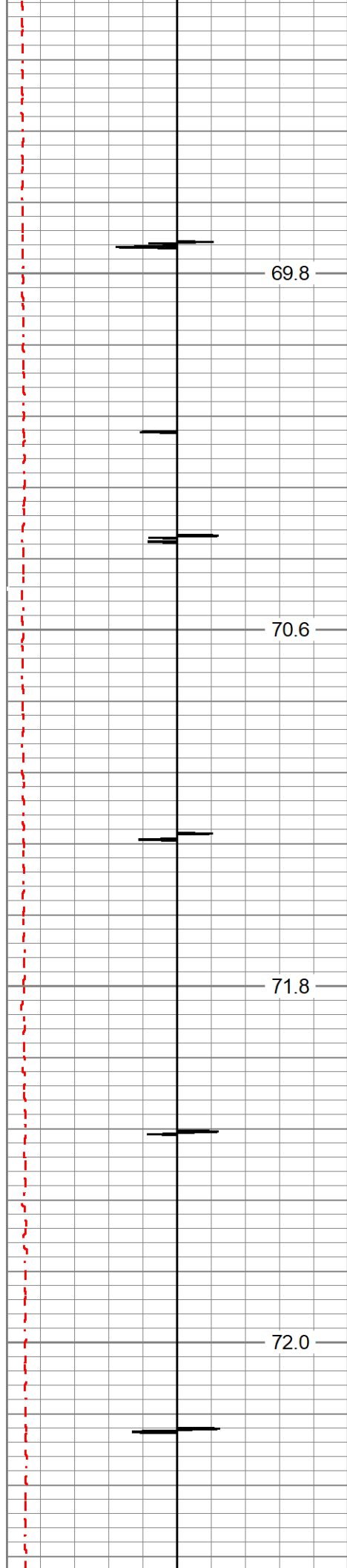
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1100

1150

1200



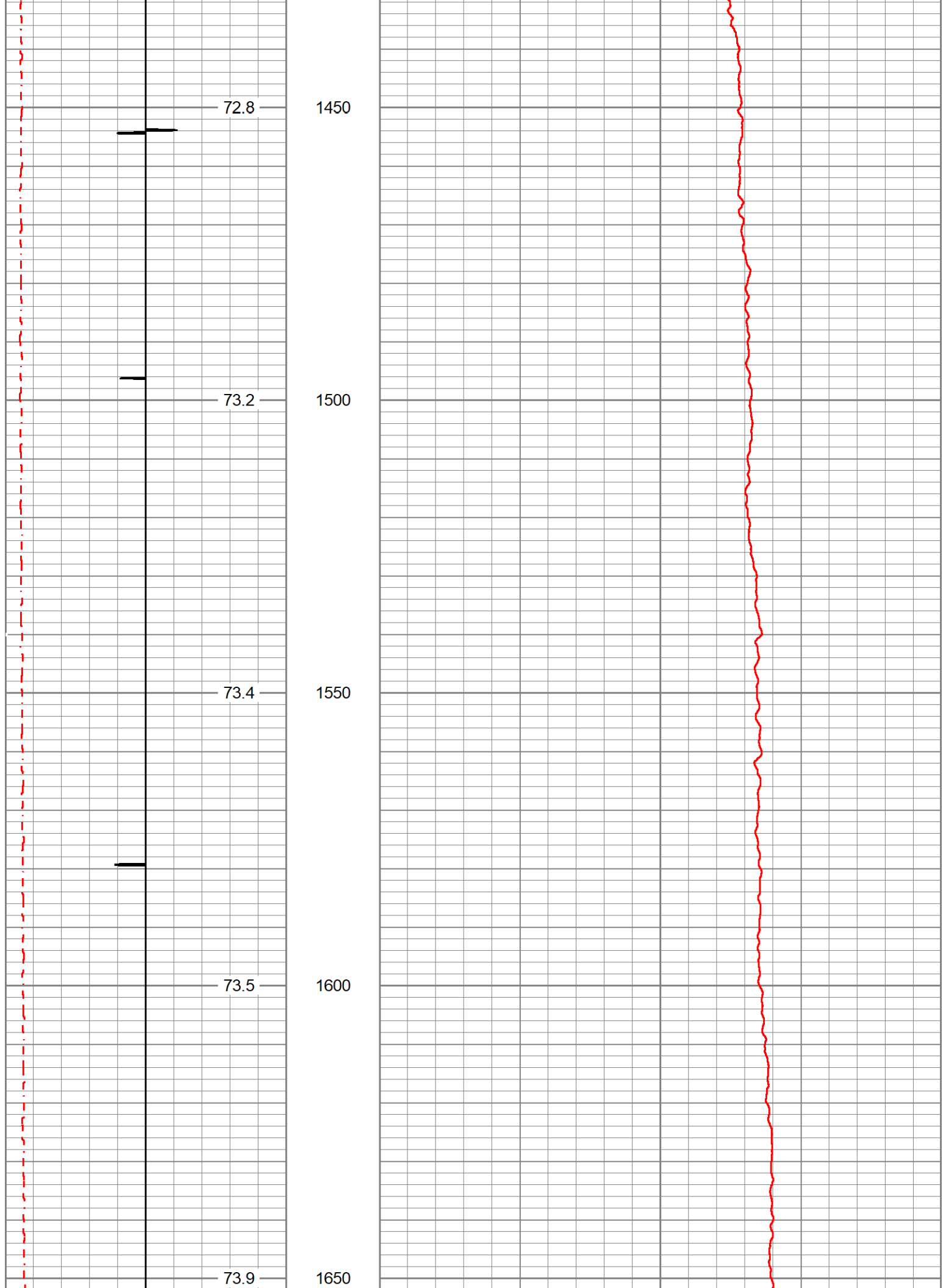


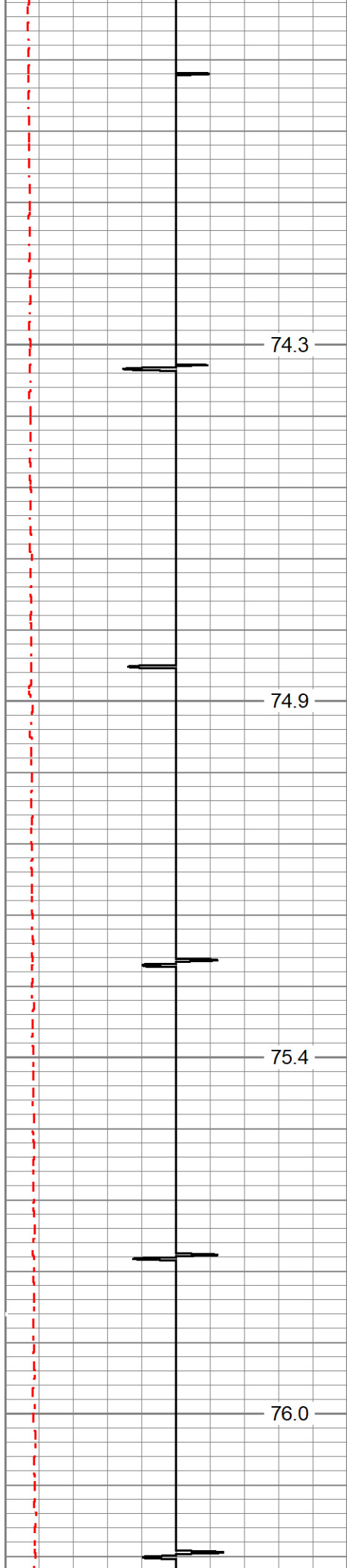
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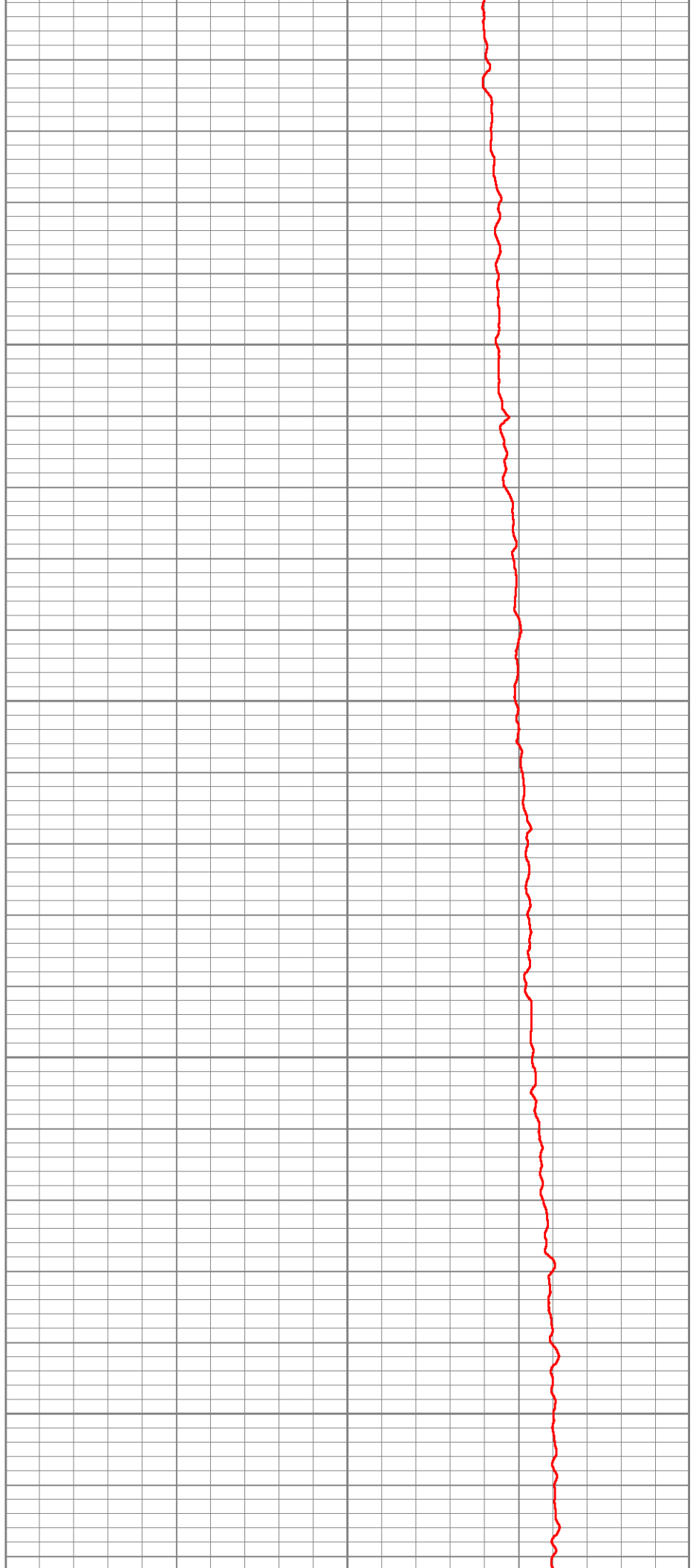


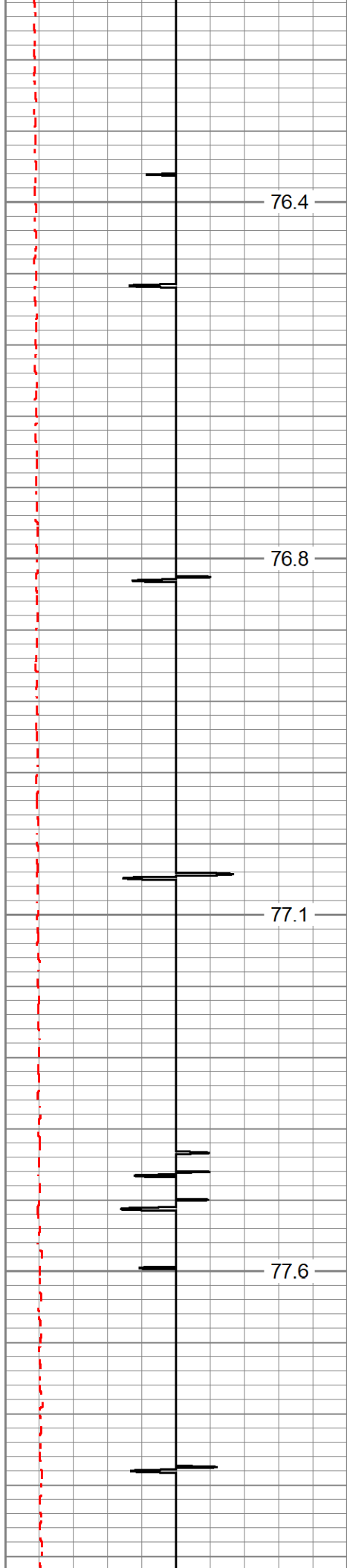
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1750

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1850





76.4

1900

76.8

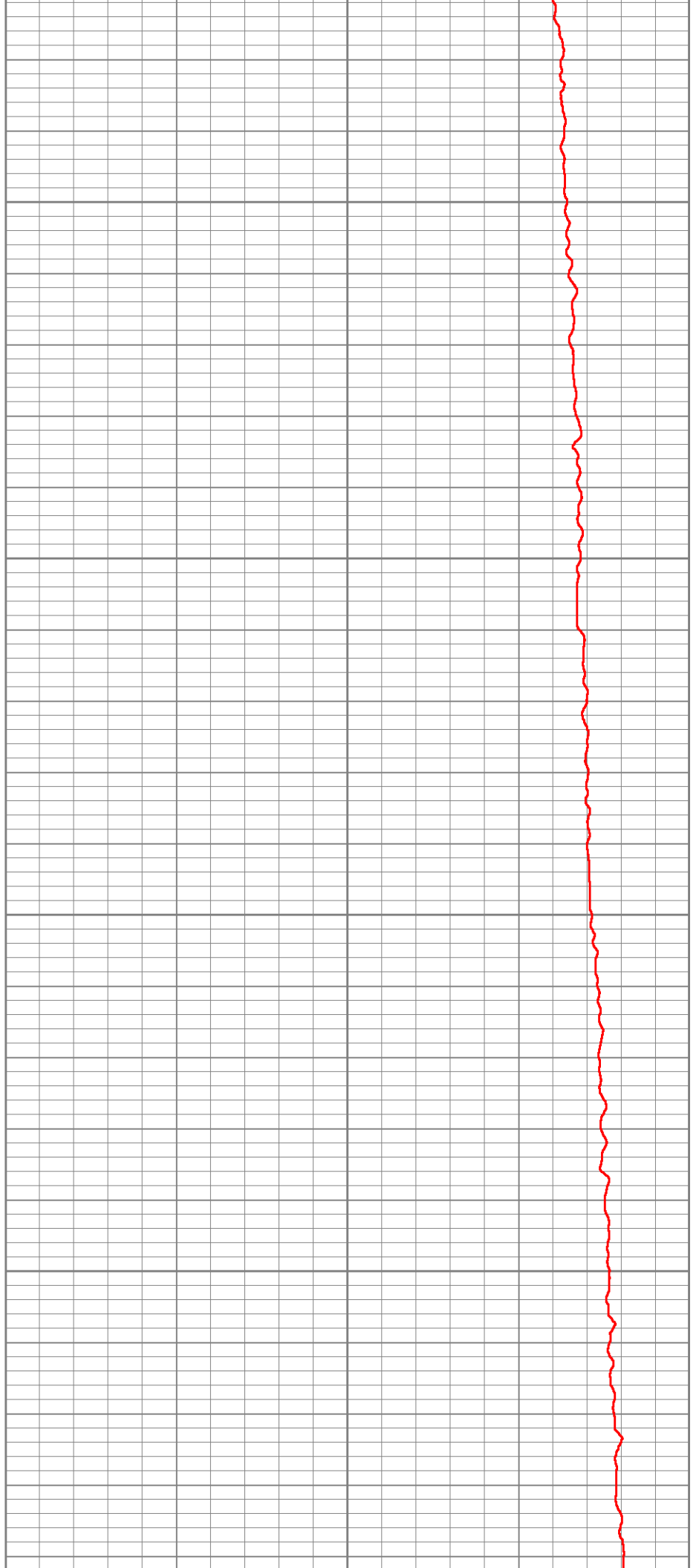
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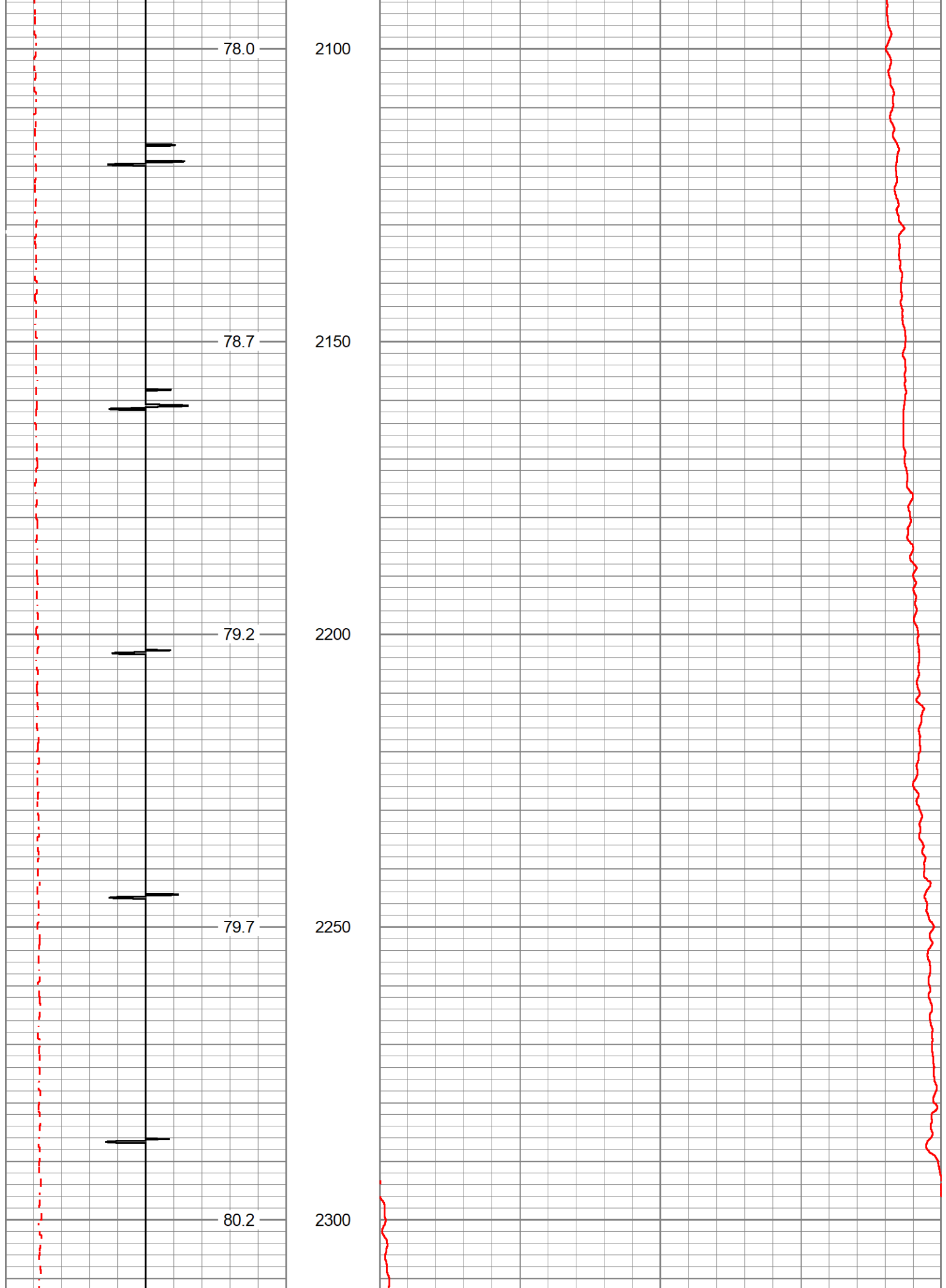
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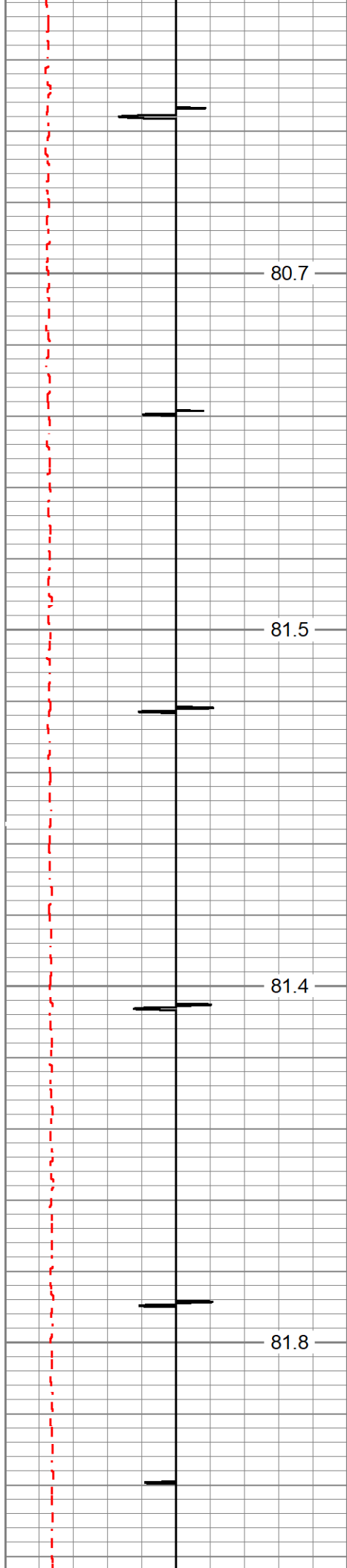
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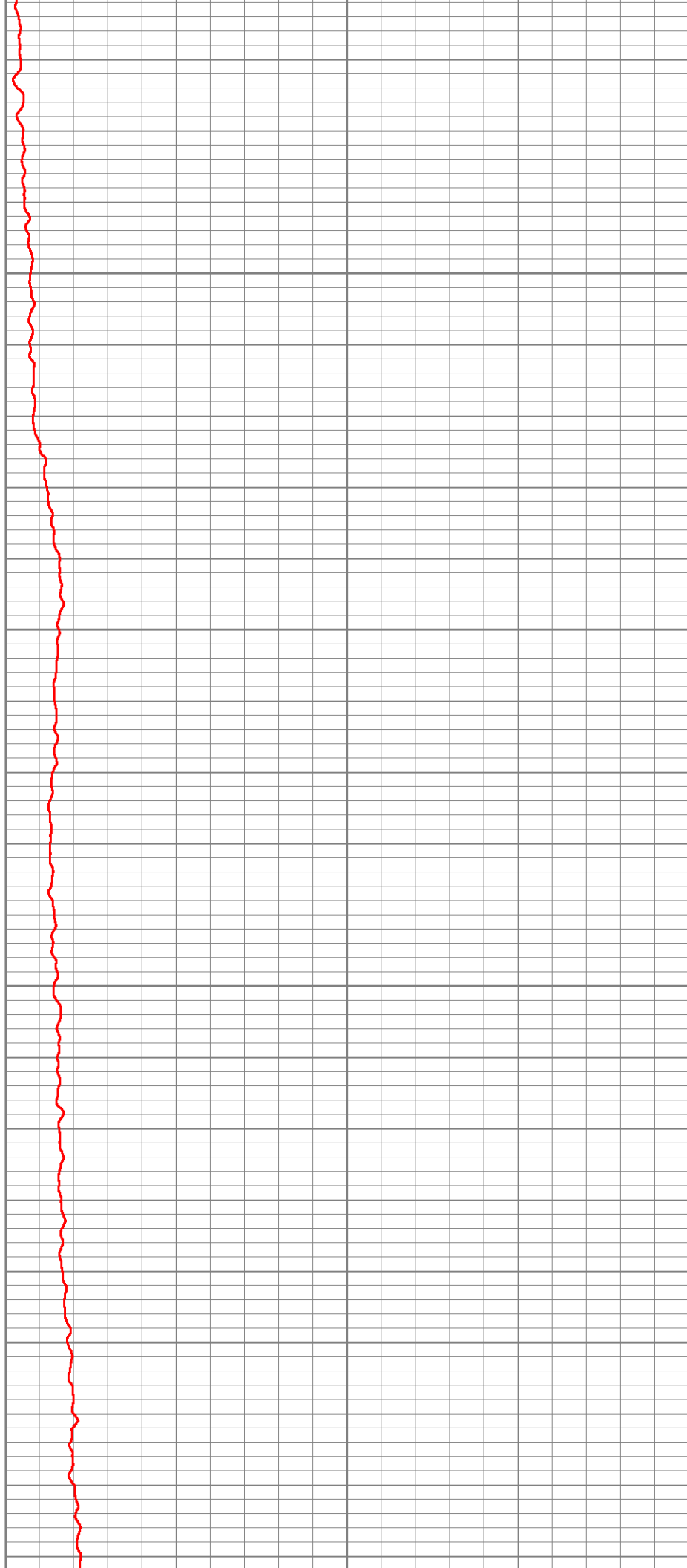
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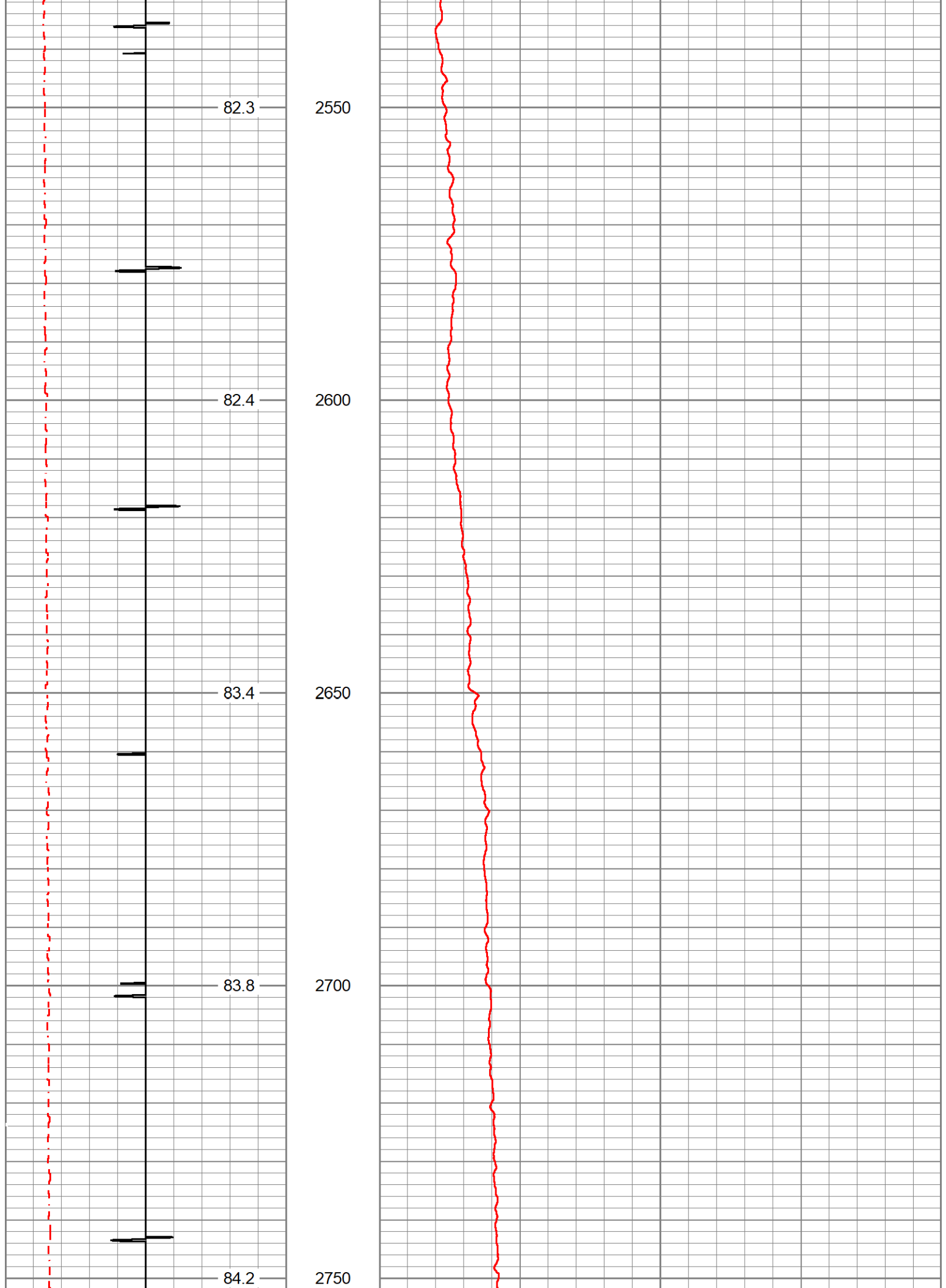
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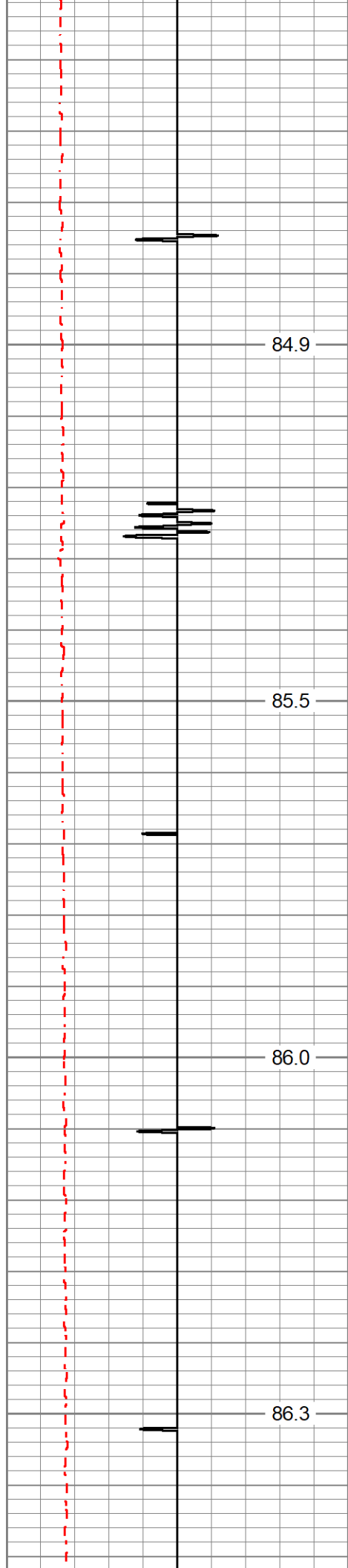
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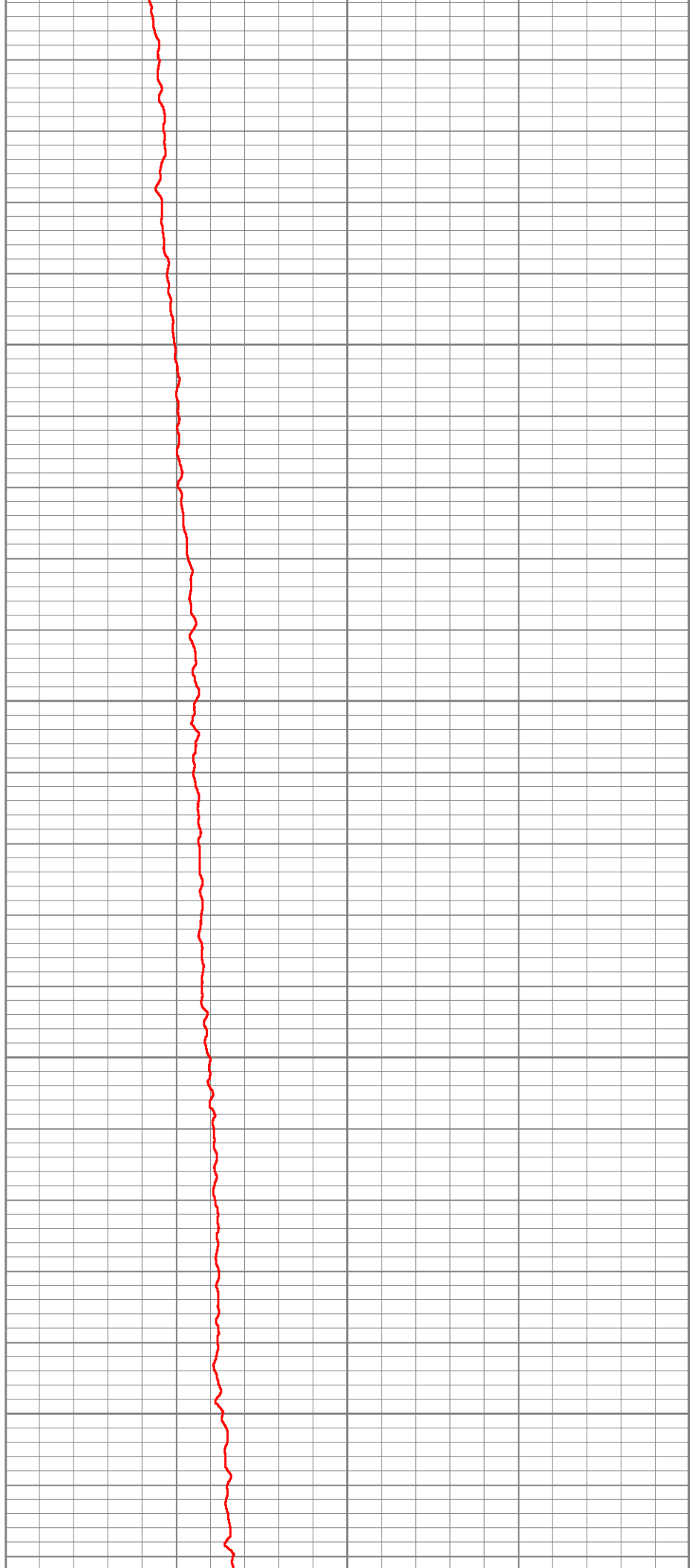


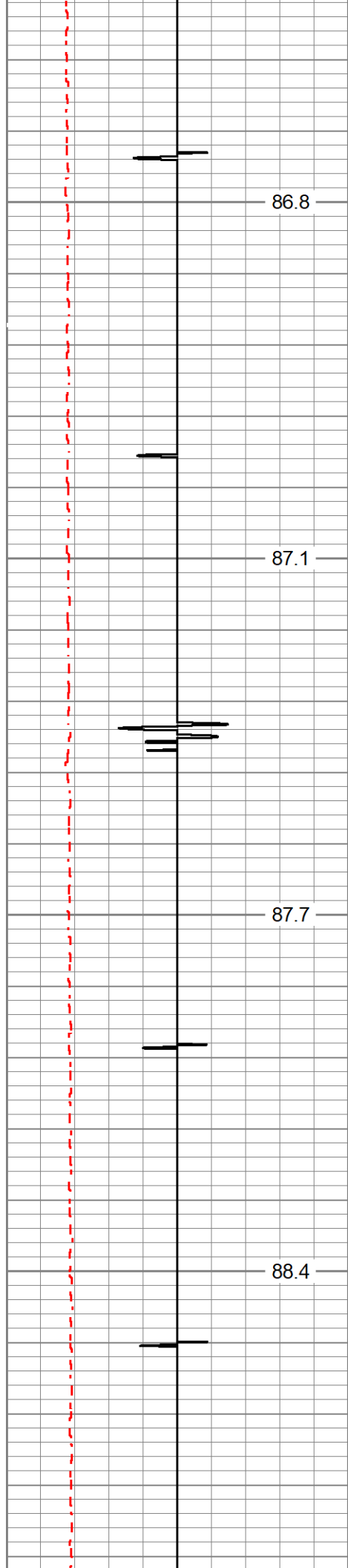
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2850

2900

2950





86.8

3000

87.1

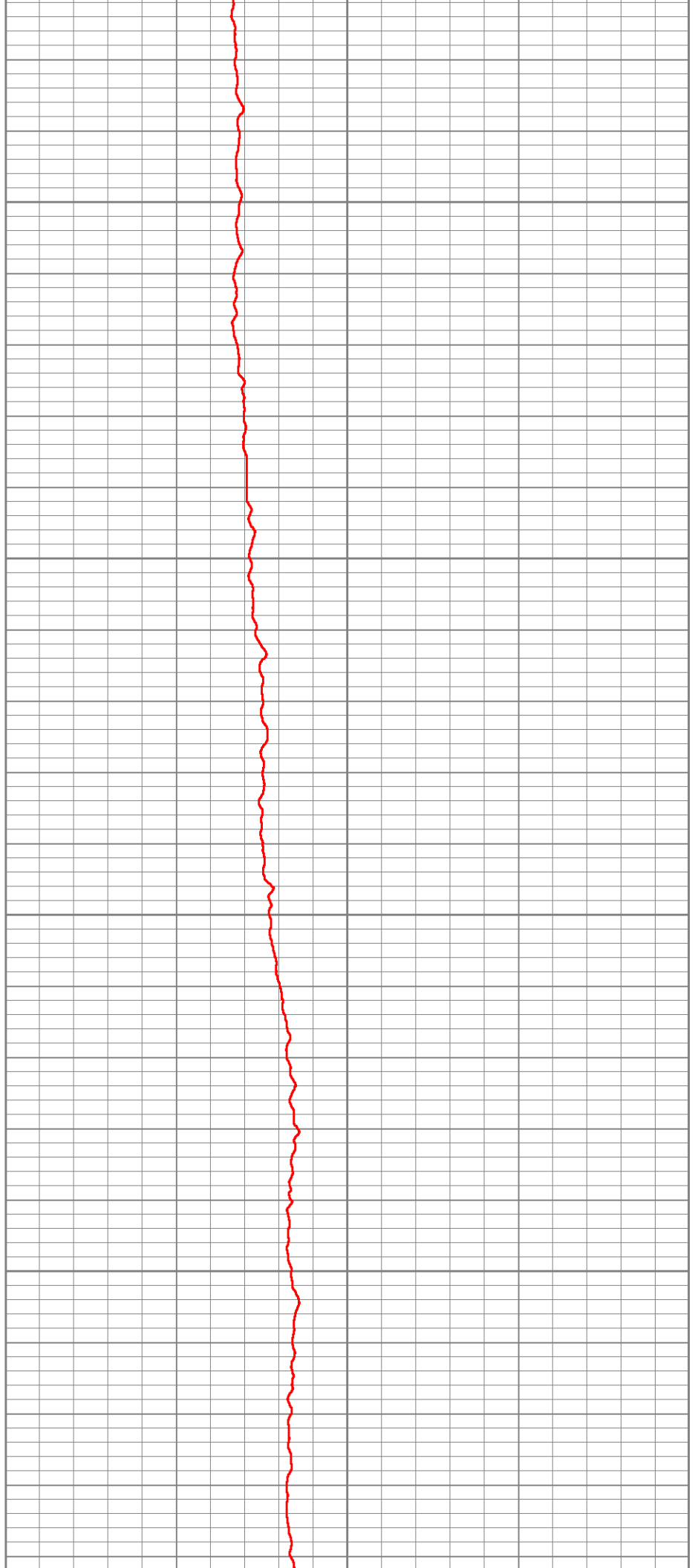
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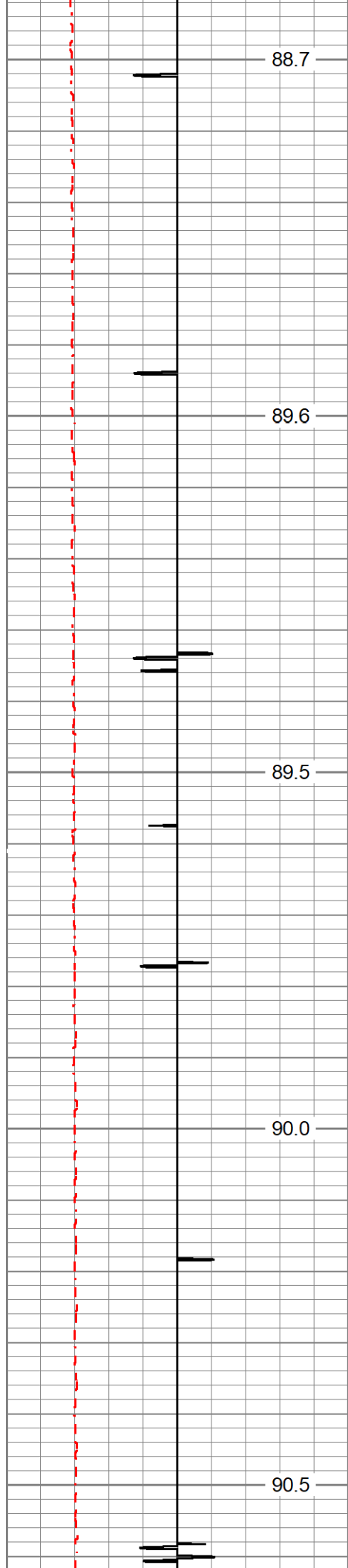
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3150





88.7

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89.5

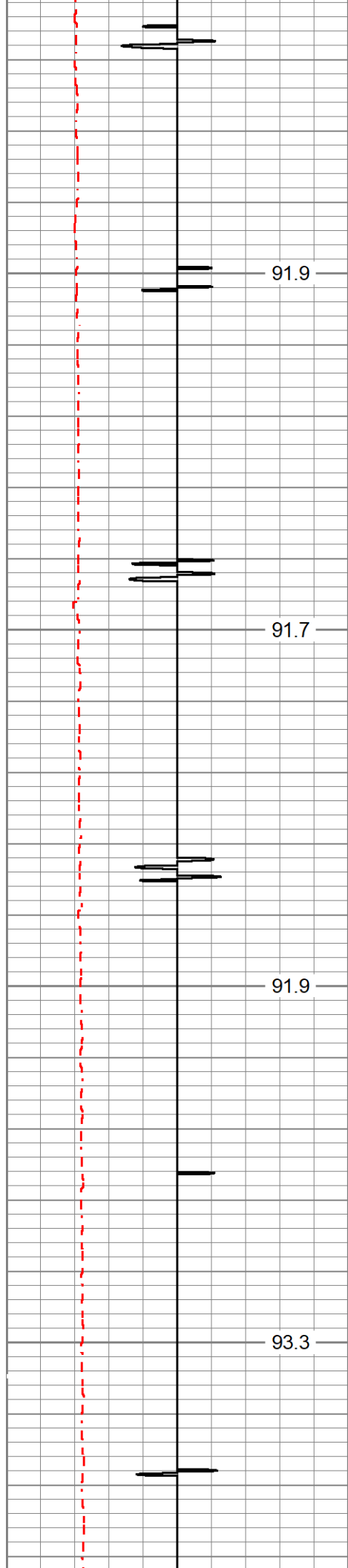
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90.5

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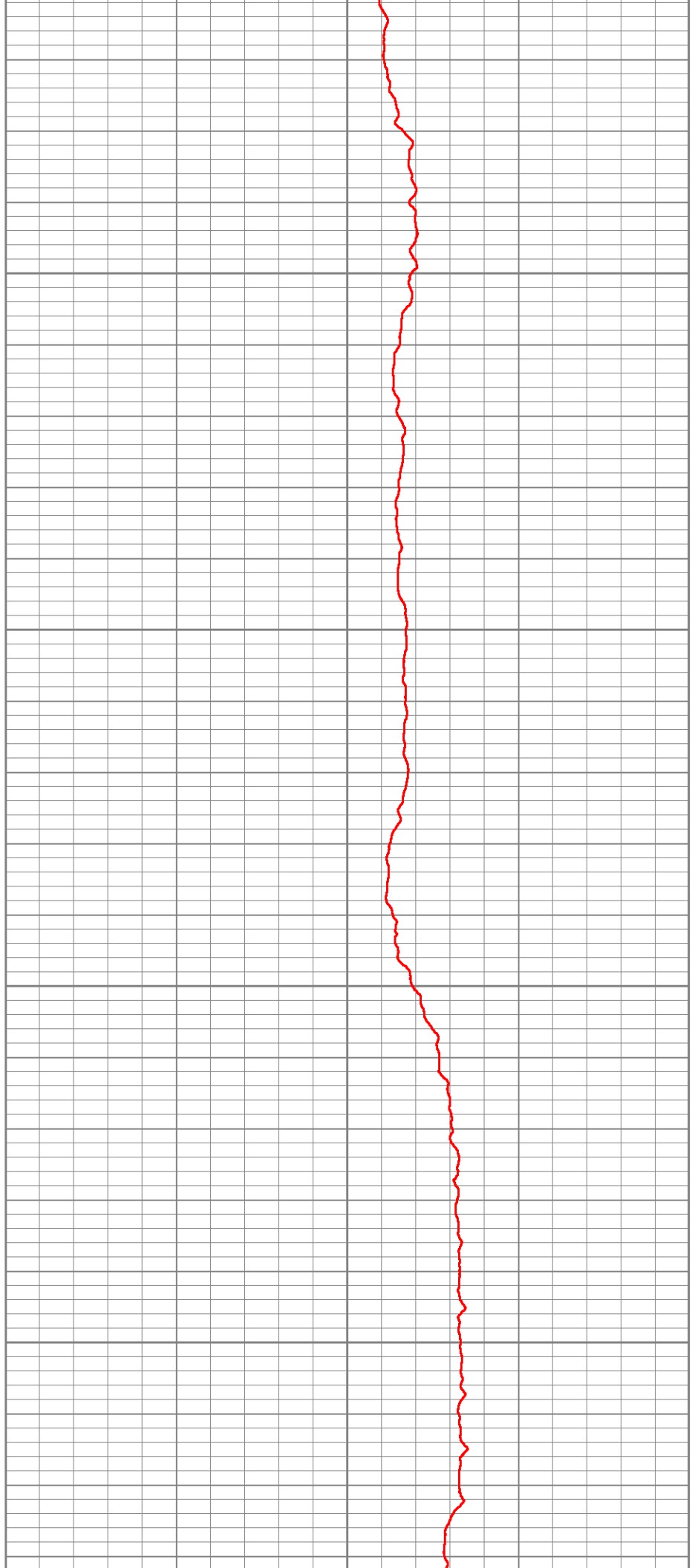


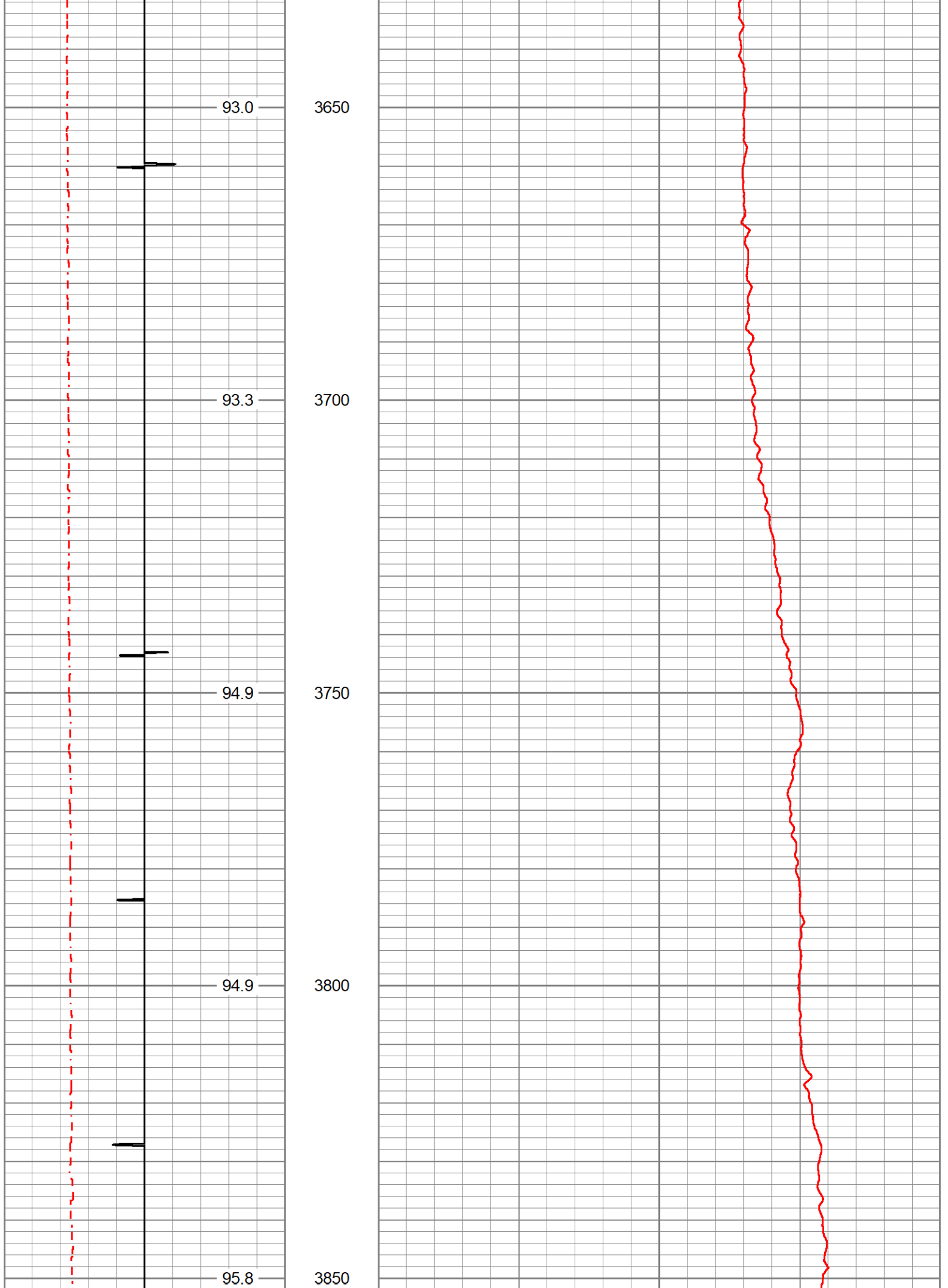
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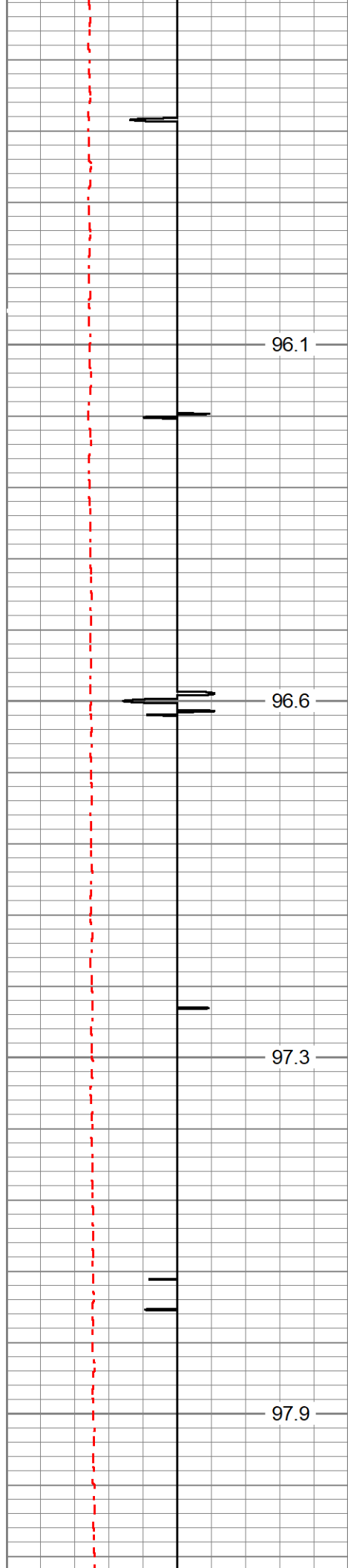
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96.6

97.3

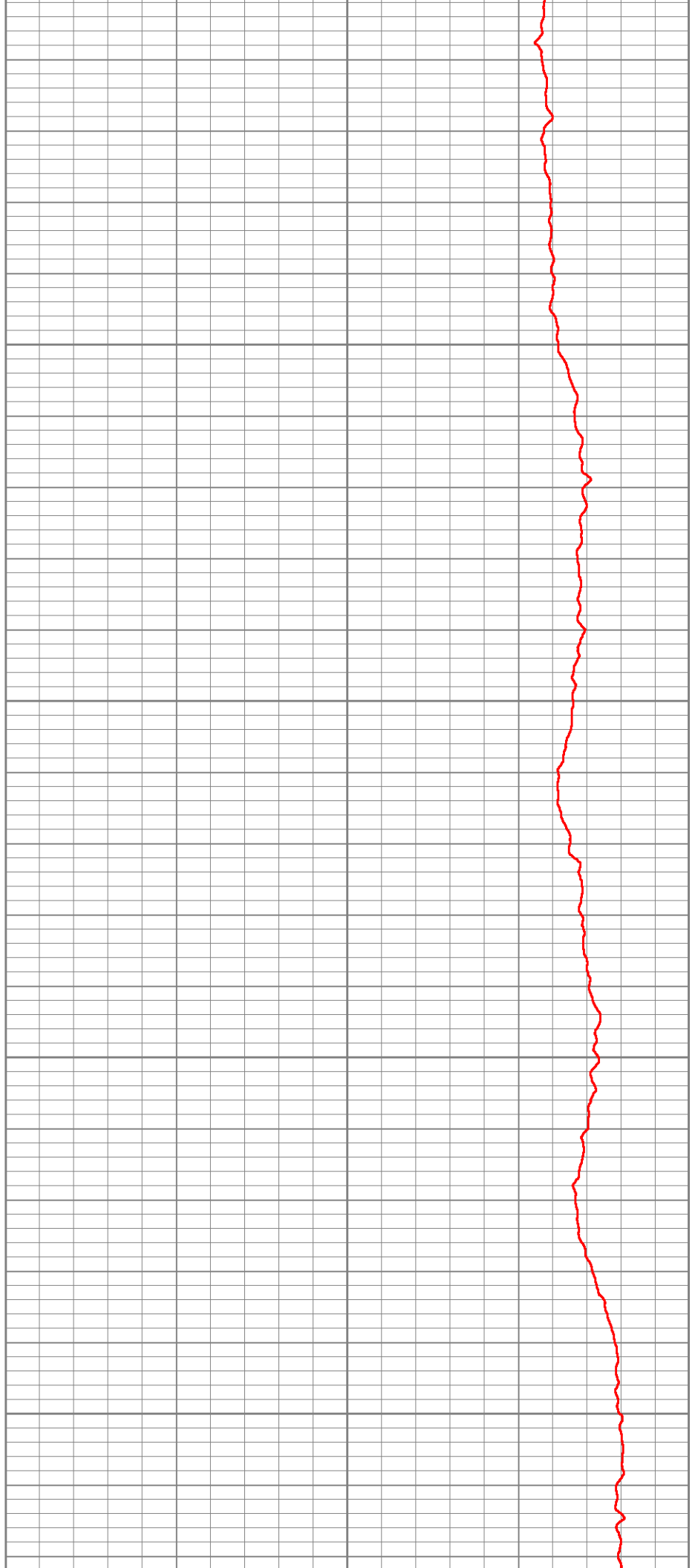
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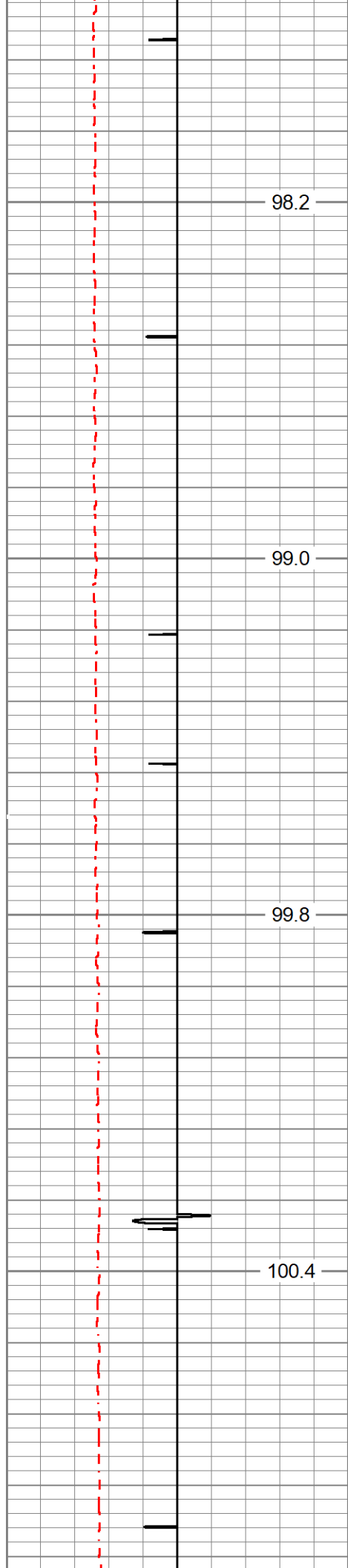
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4050





98.2

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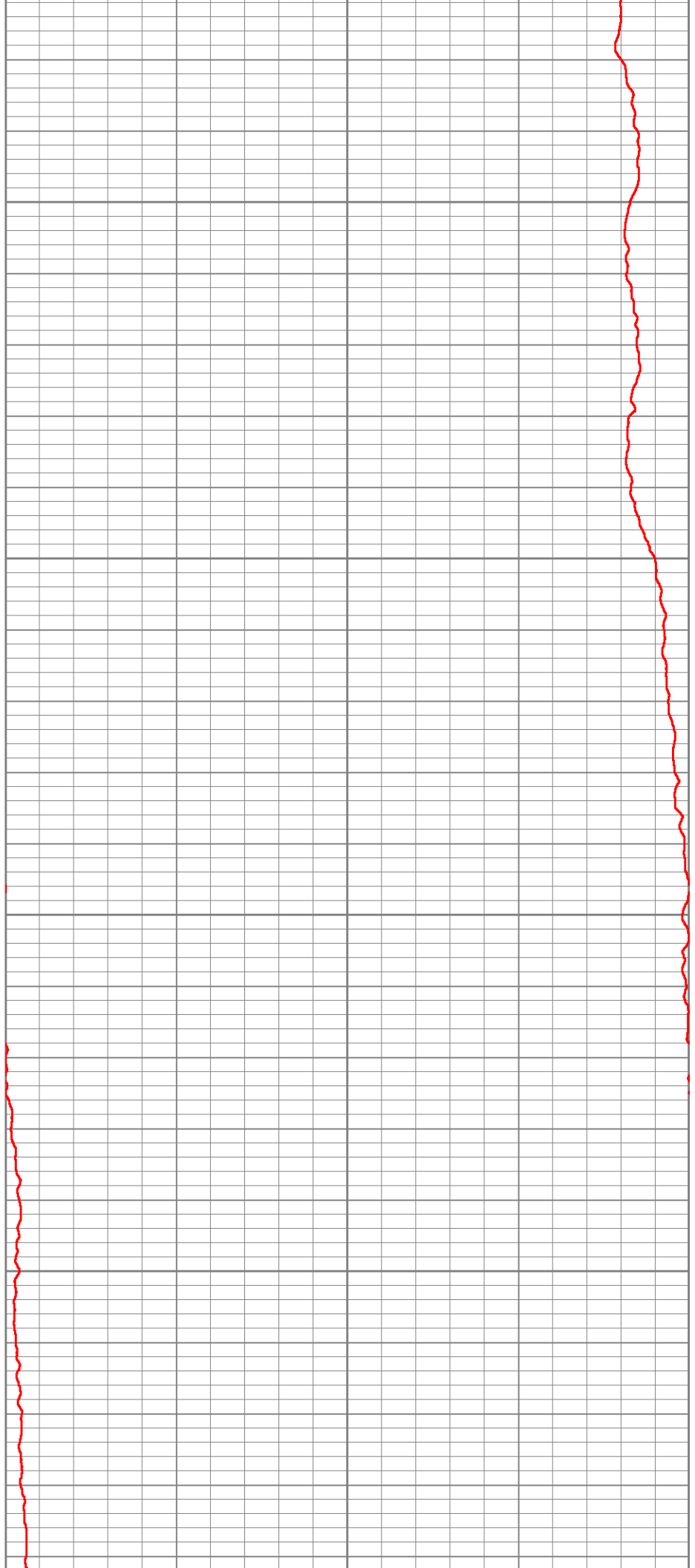
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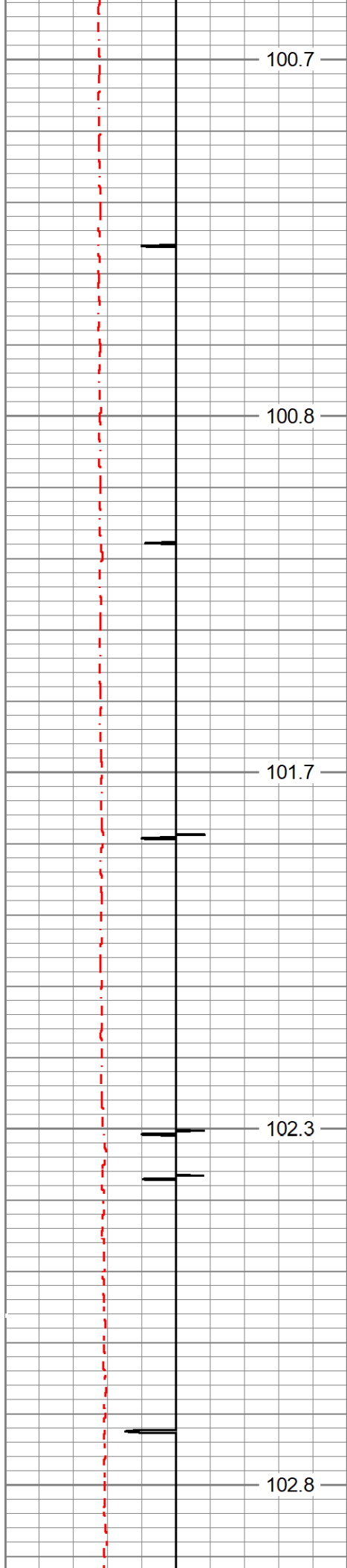
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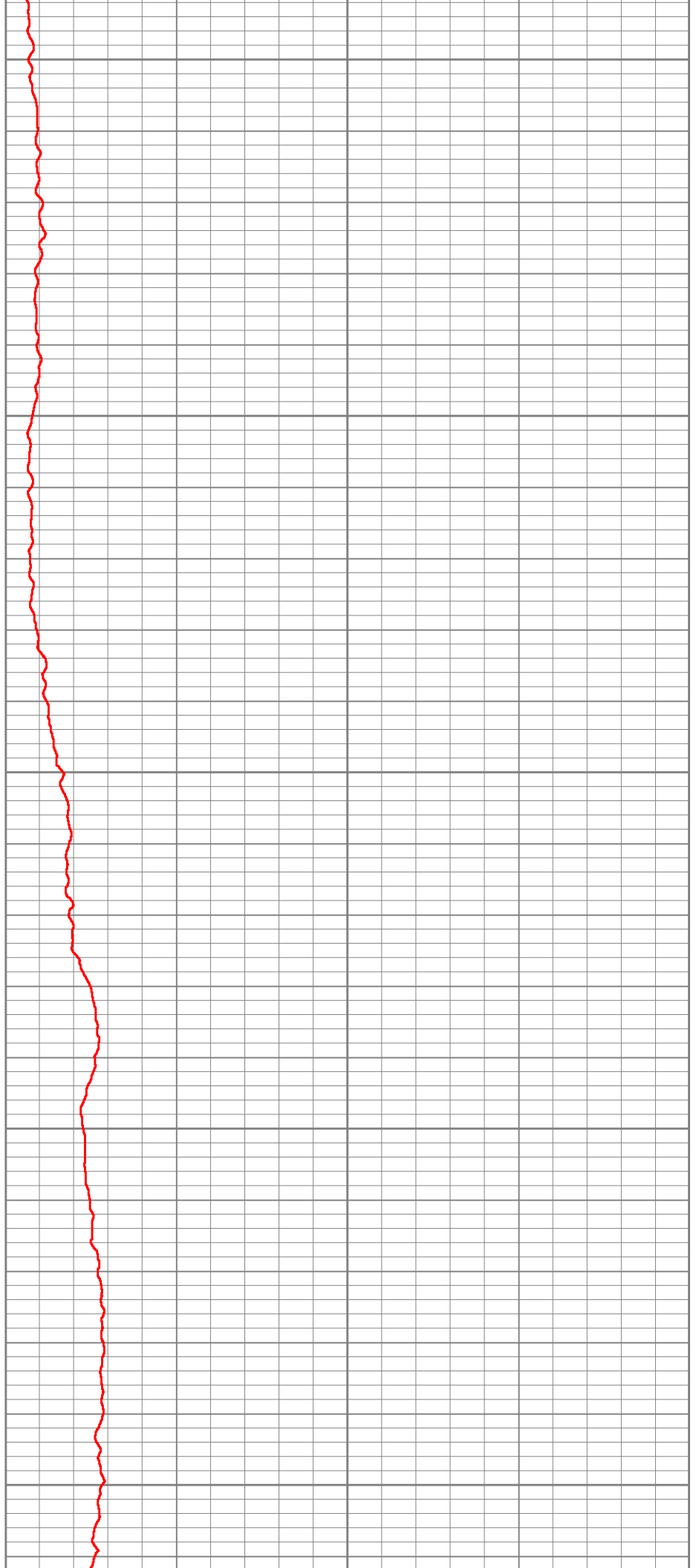
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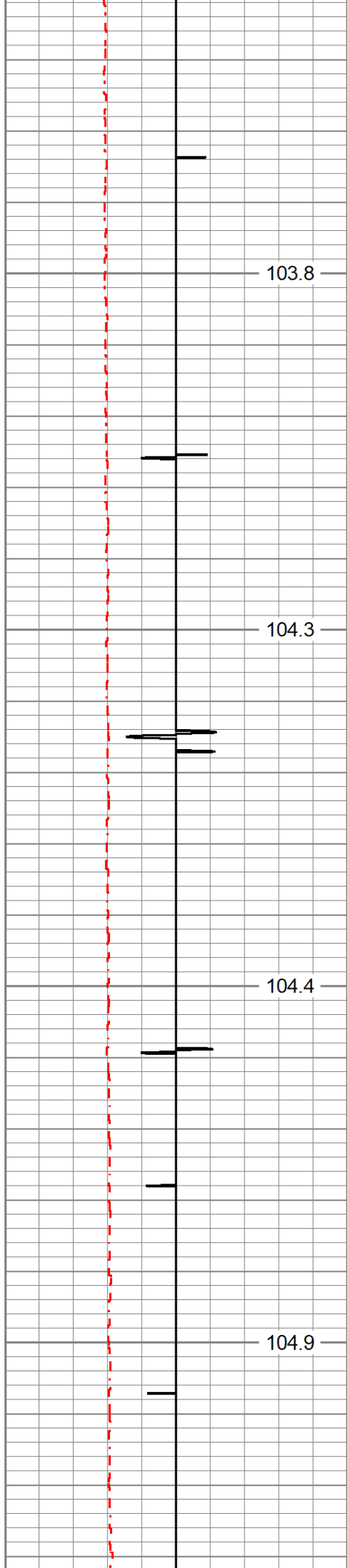
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103.8

104.3

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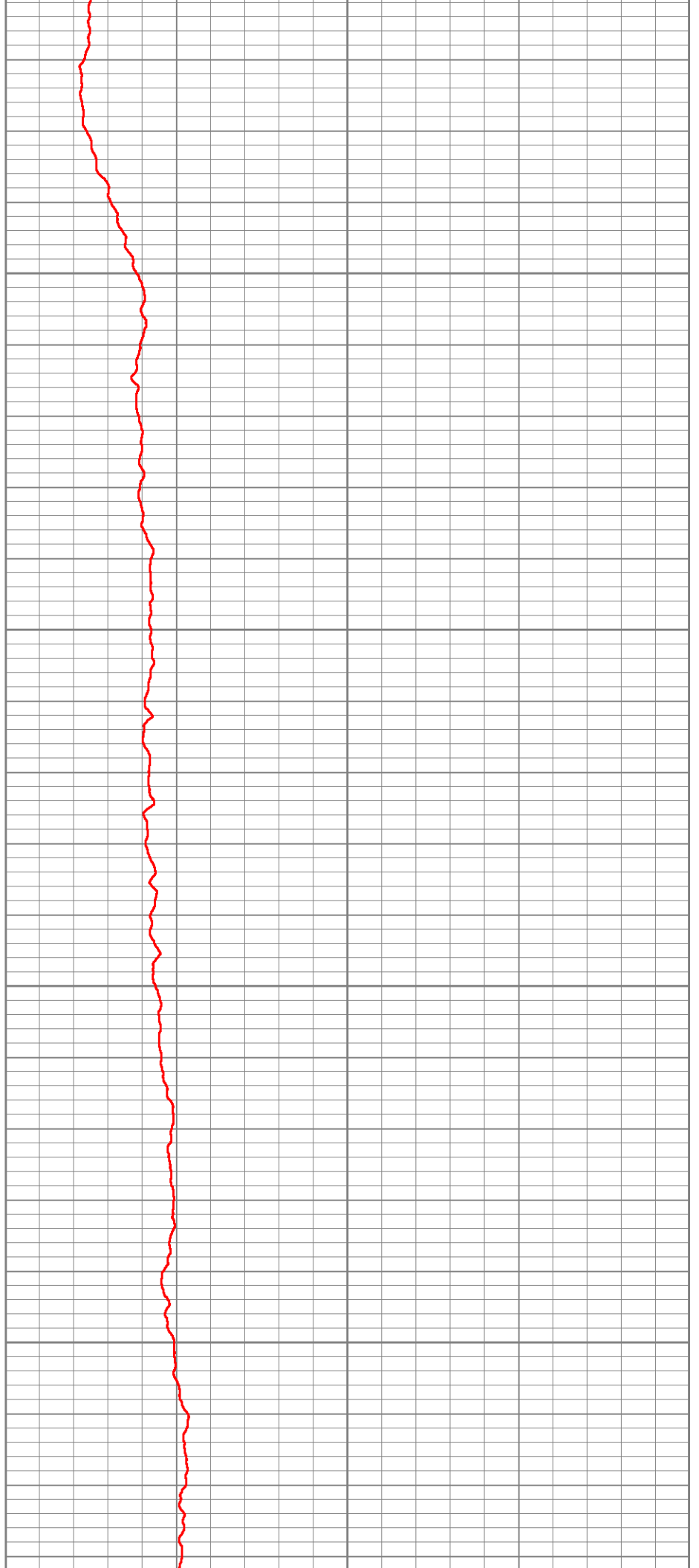
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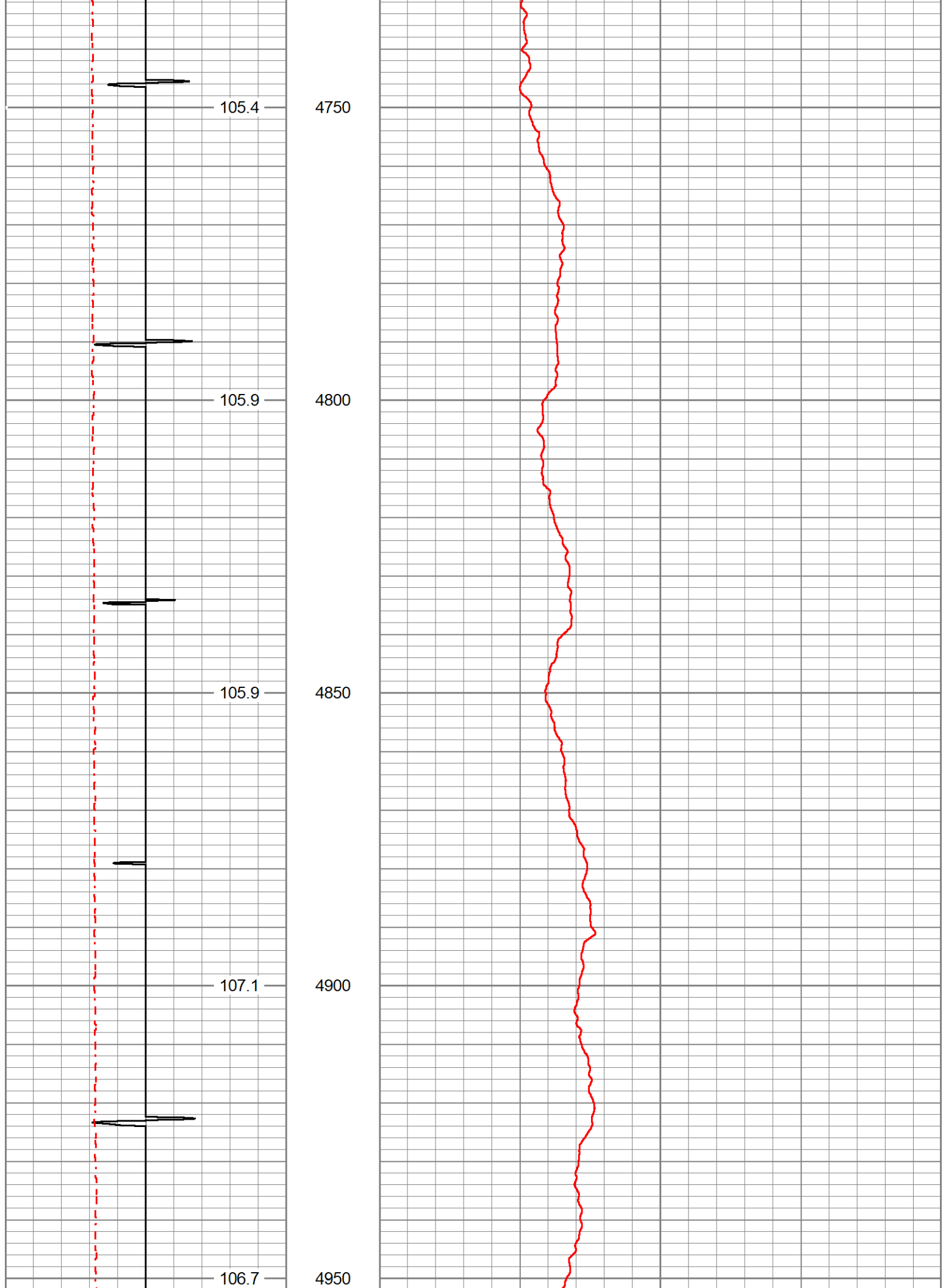
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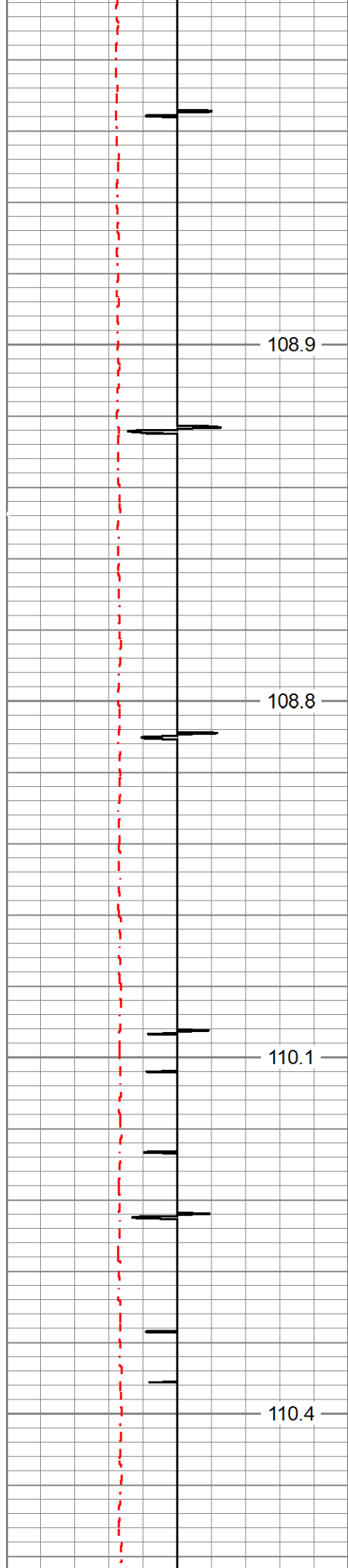
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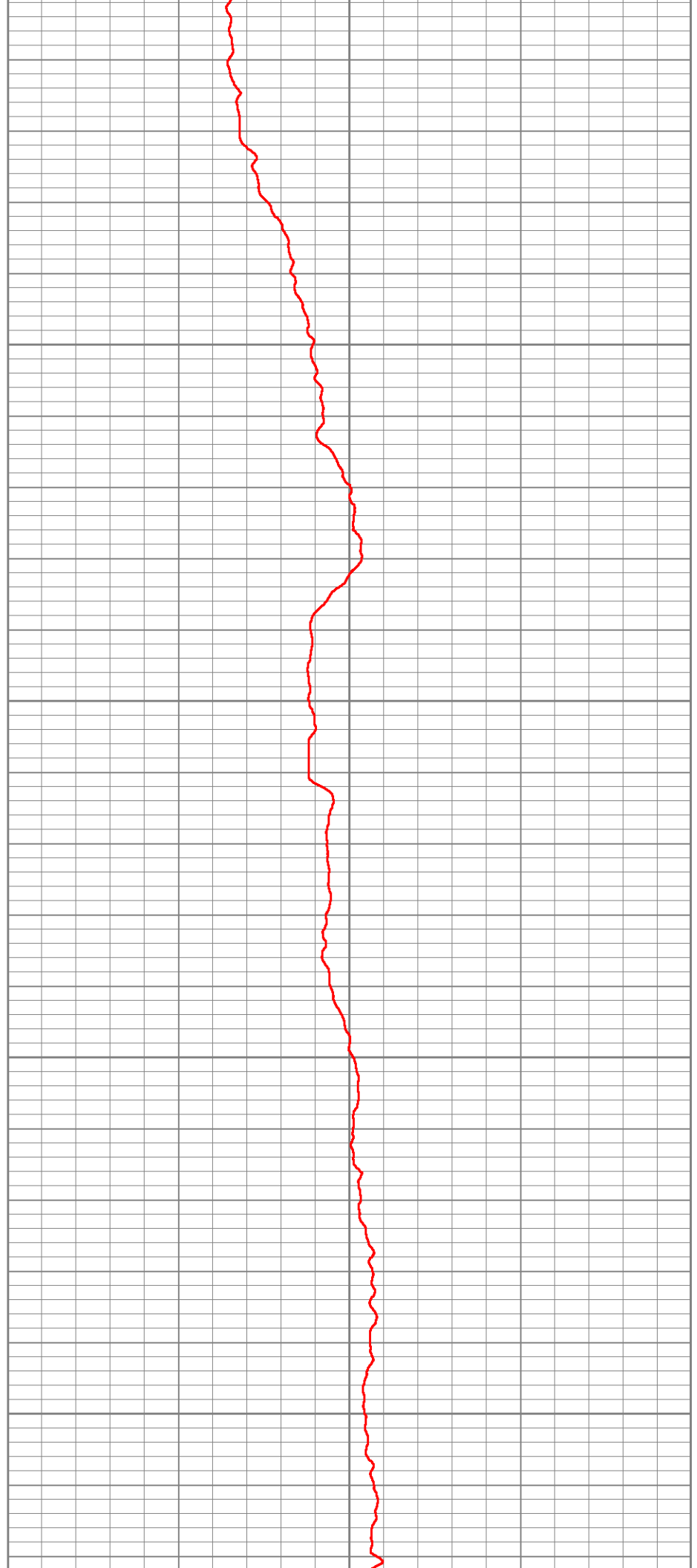


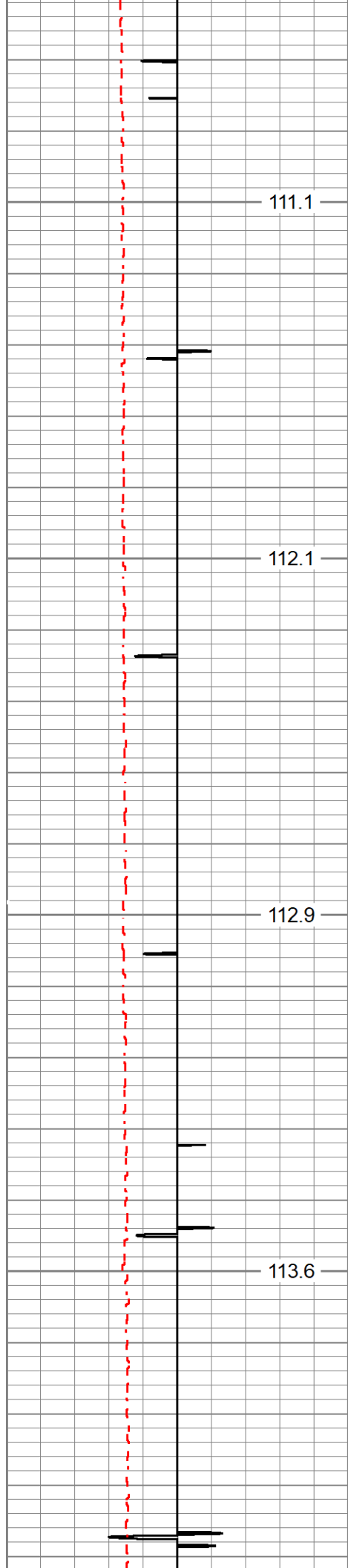
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108.8 5050

110.1 5100

110.4 5150





111.1

5200

112.1

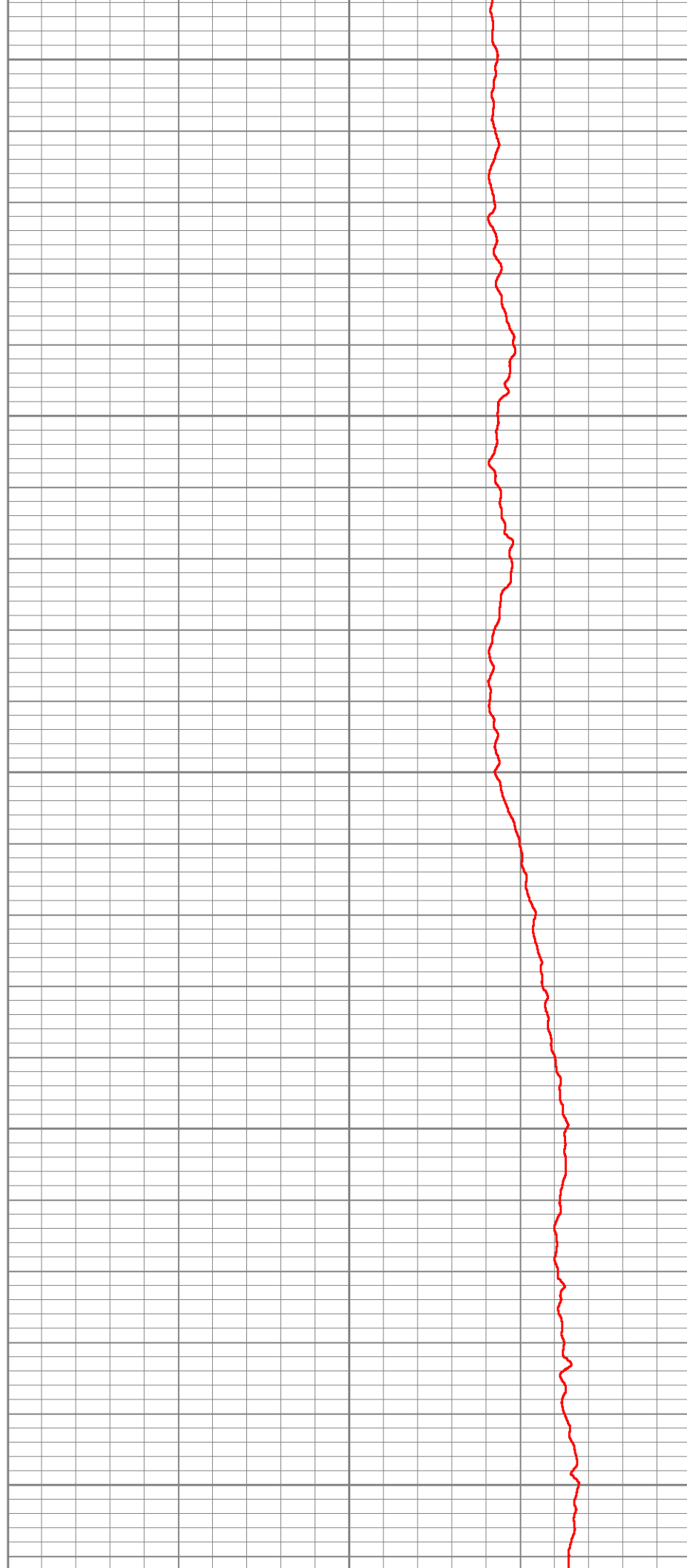
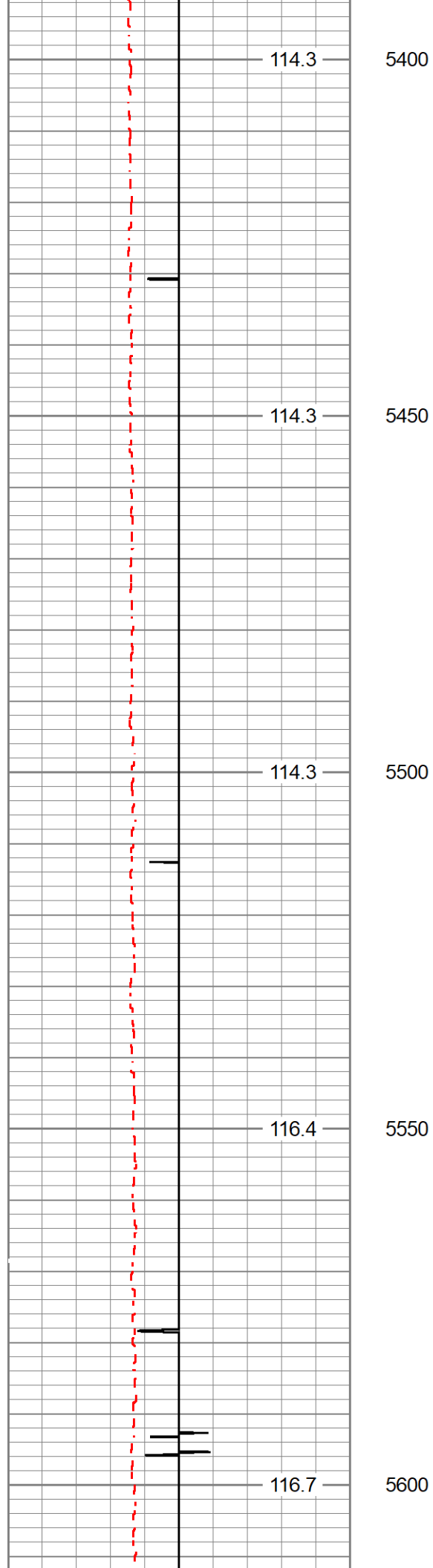
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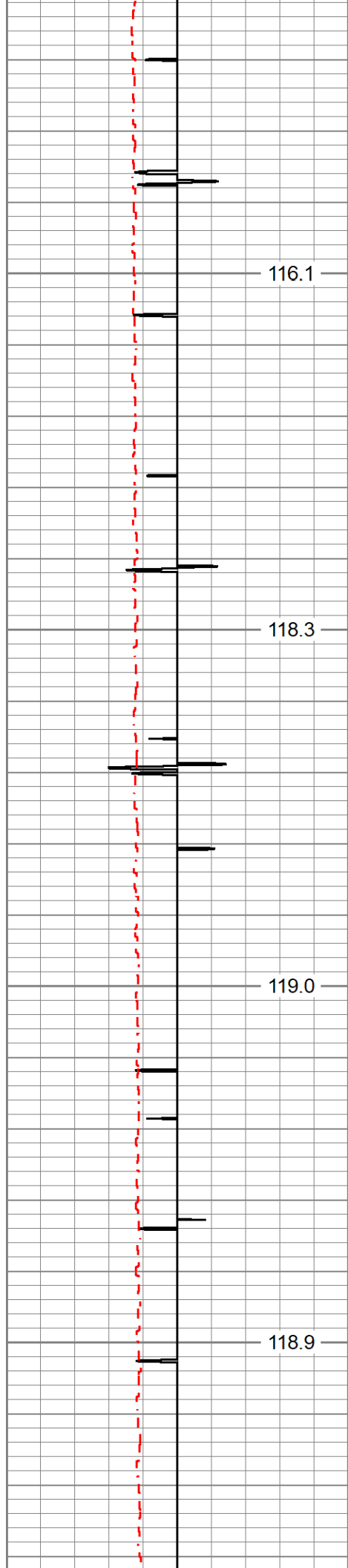
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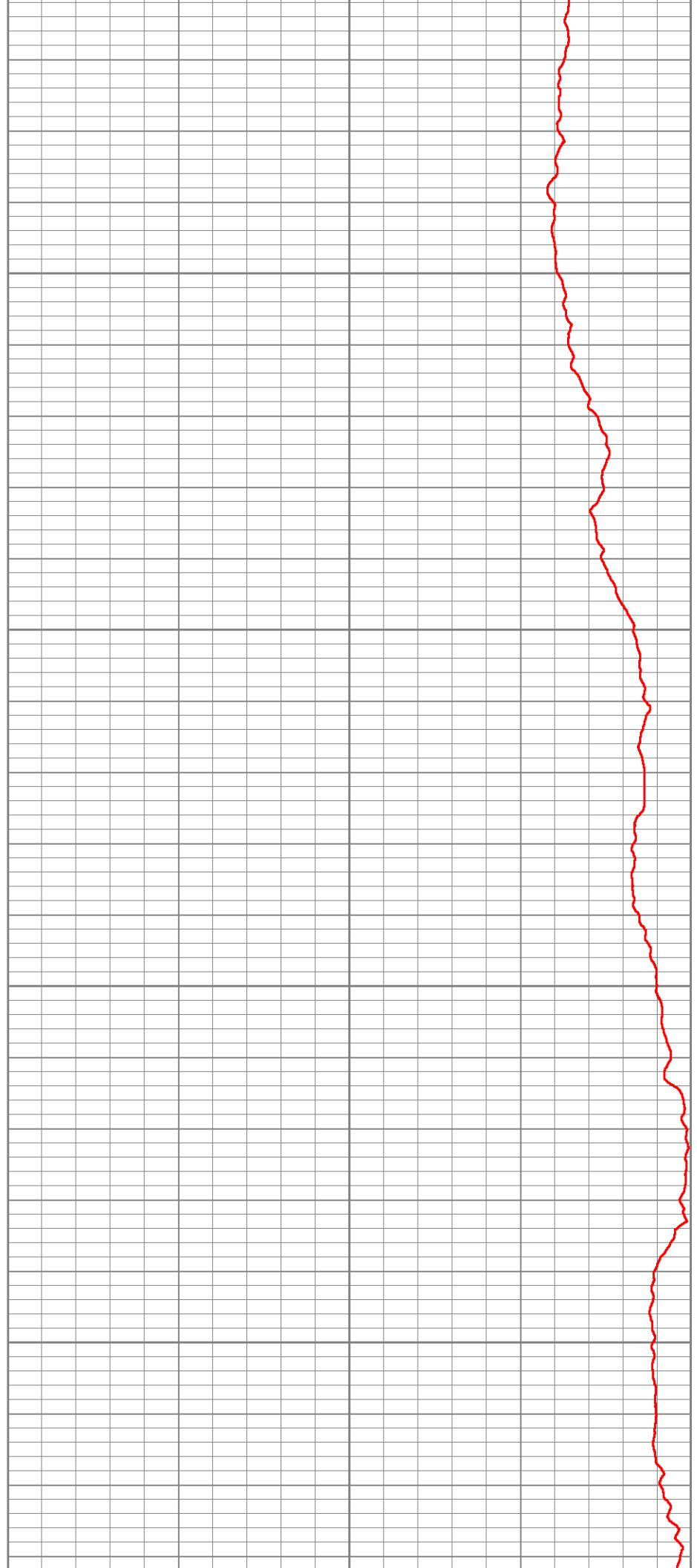
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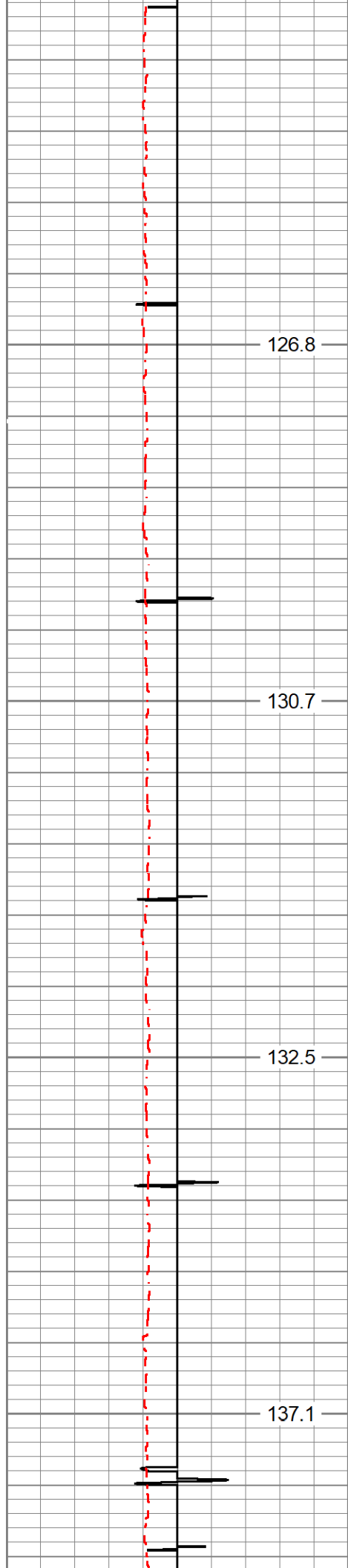
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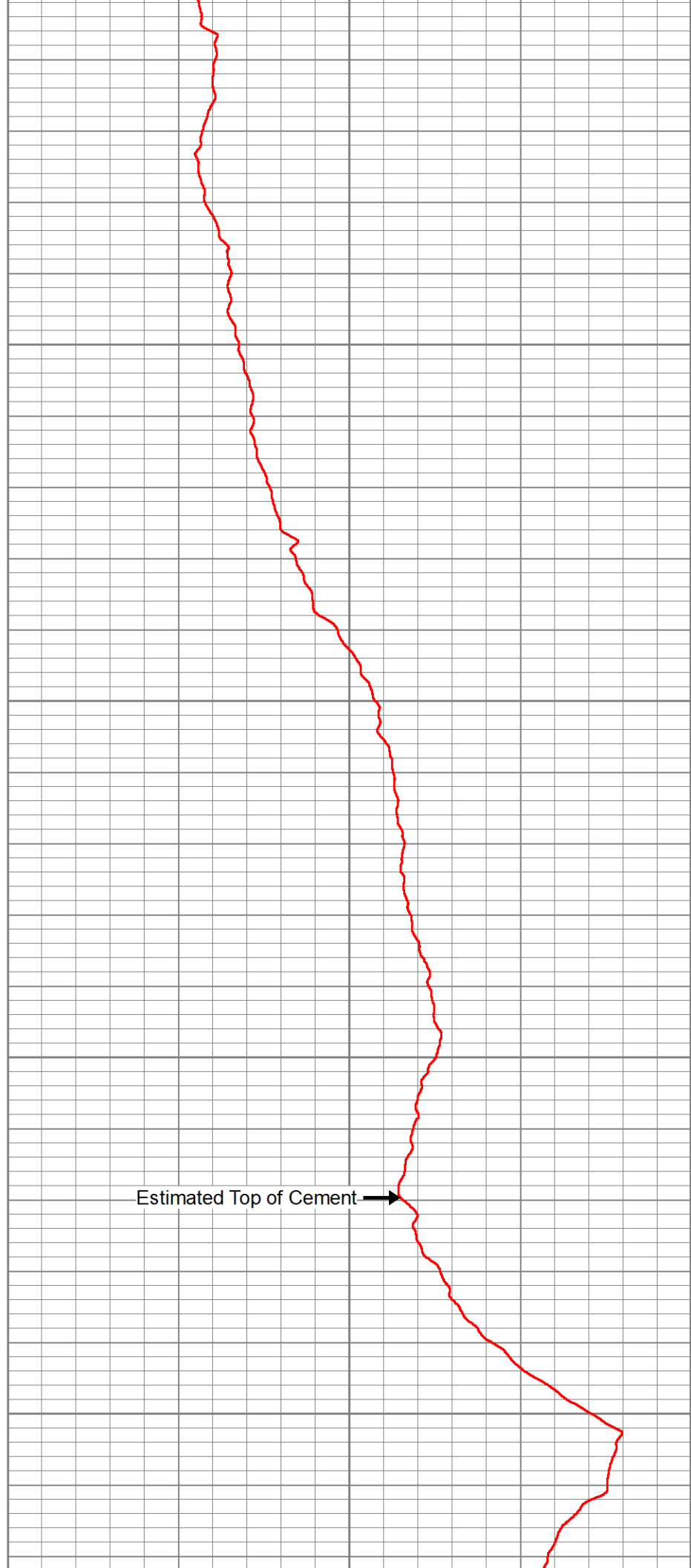
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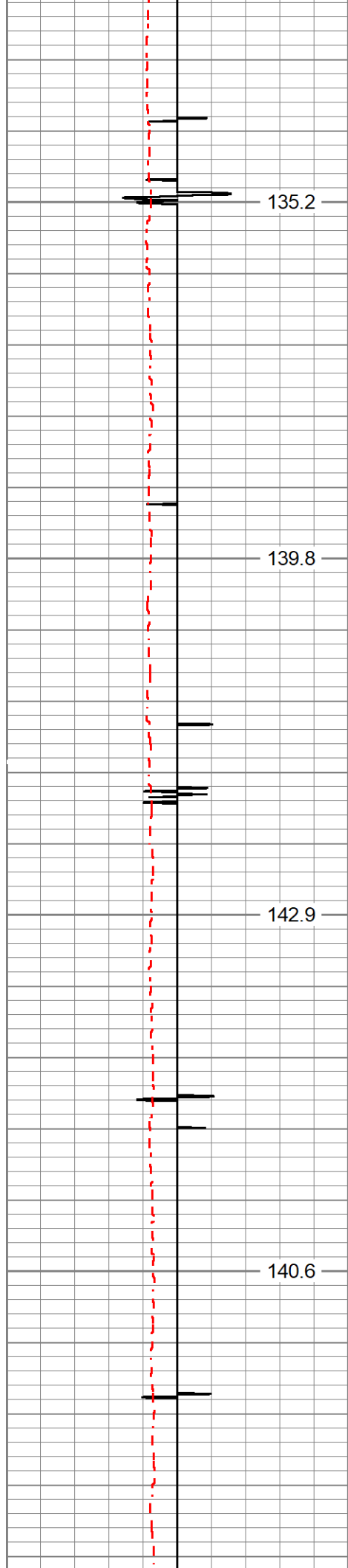
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6200

6250

Estimated Top of Cement →



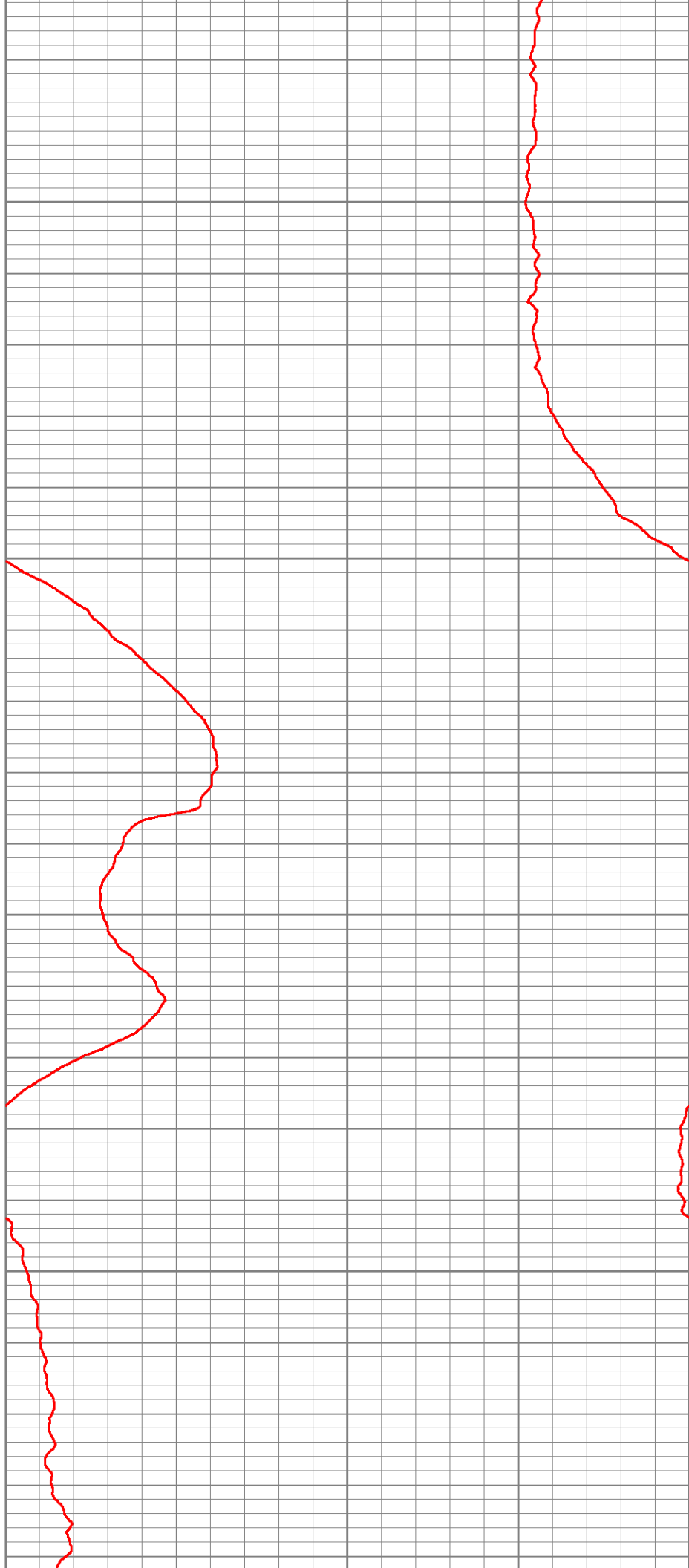


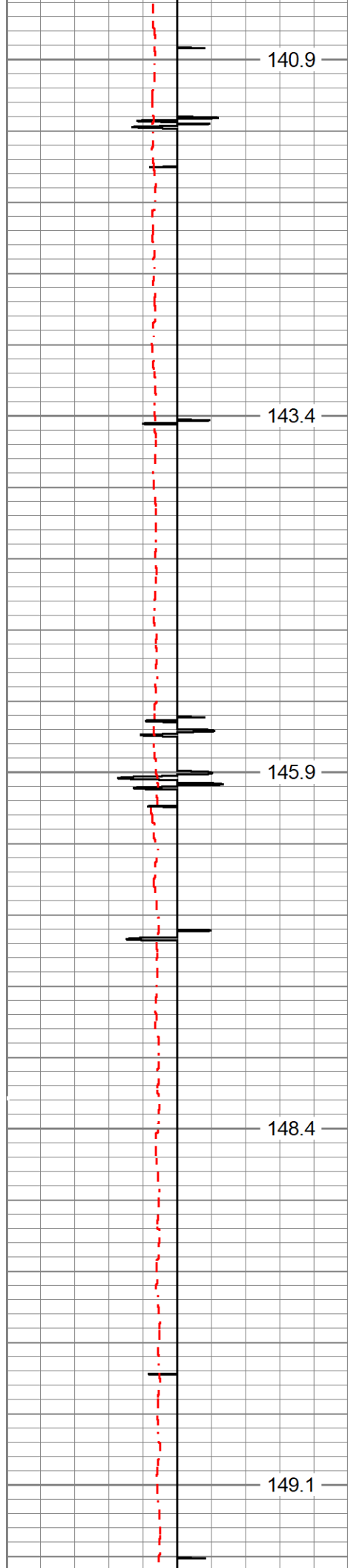
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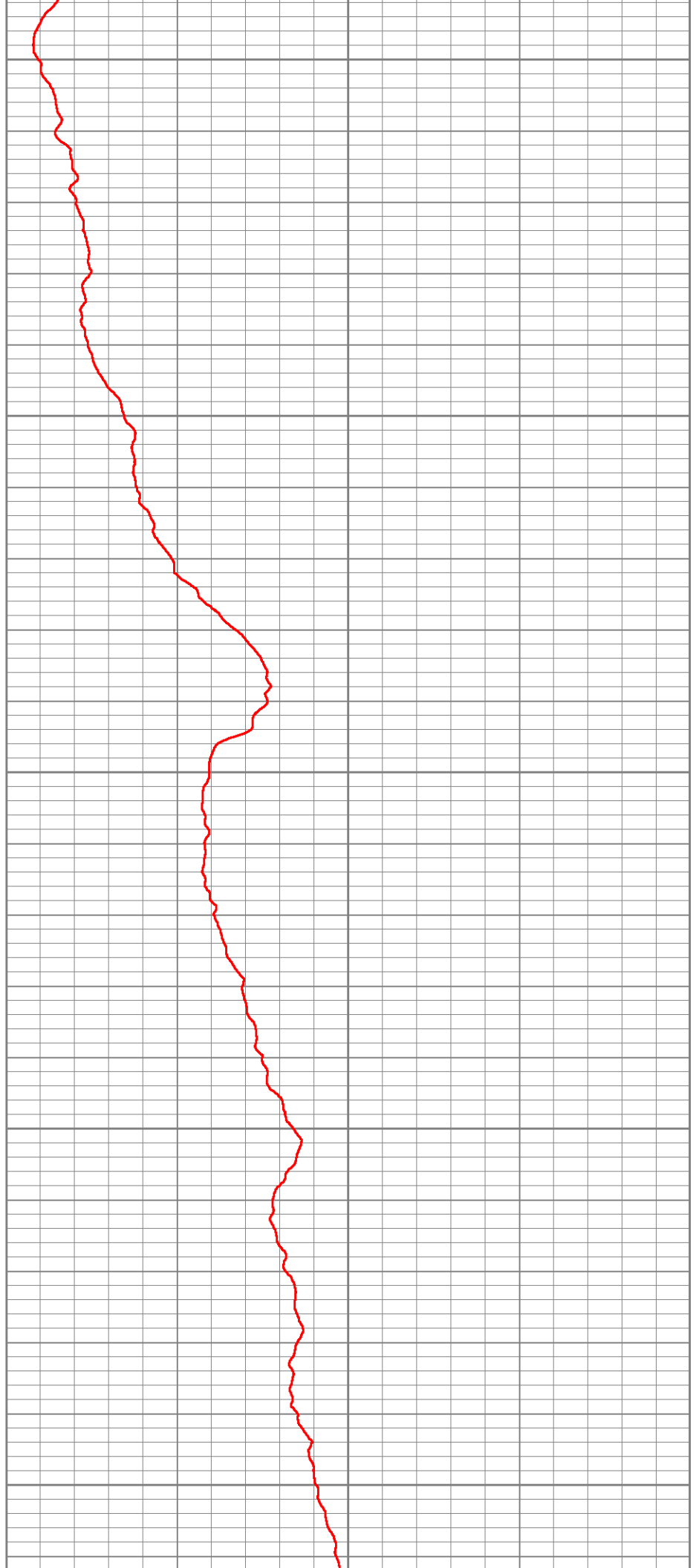
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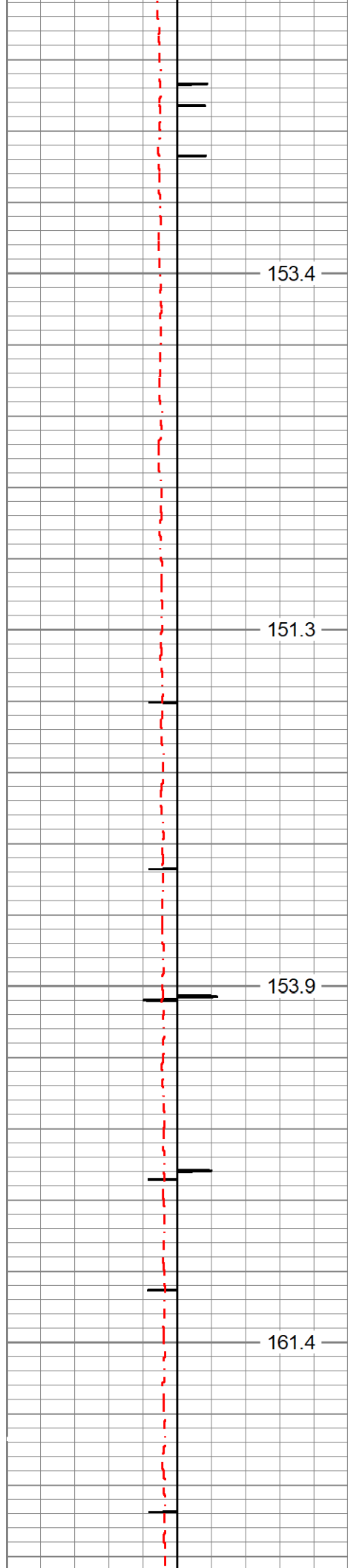
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6700





153.4

151.3

153.9

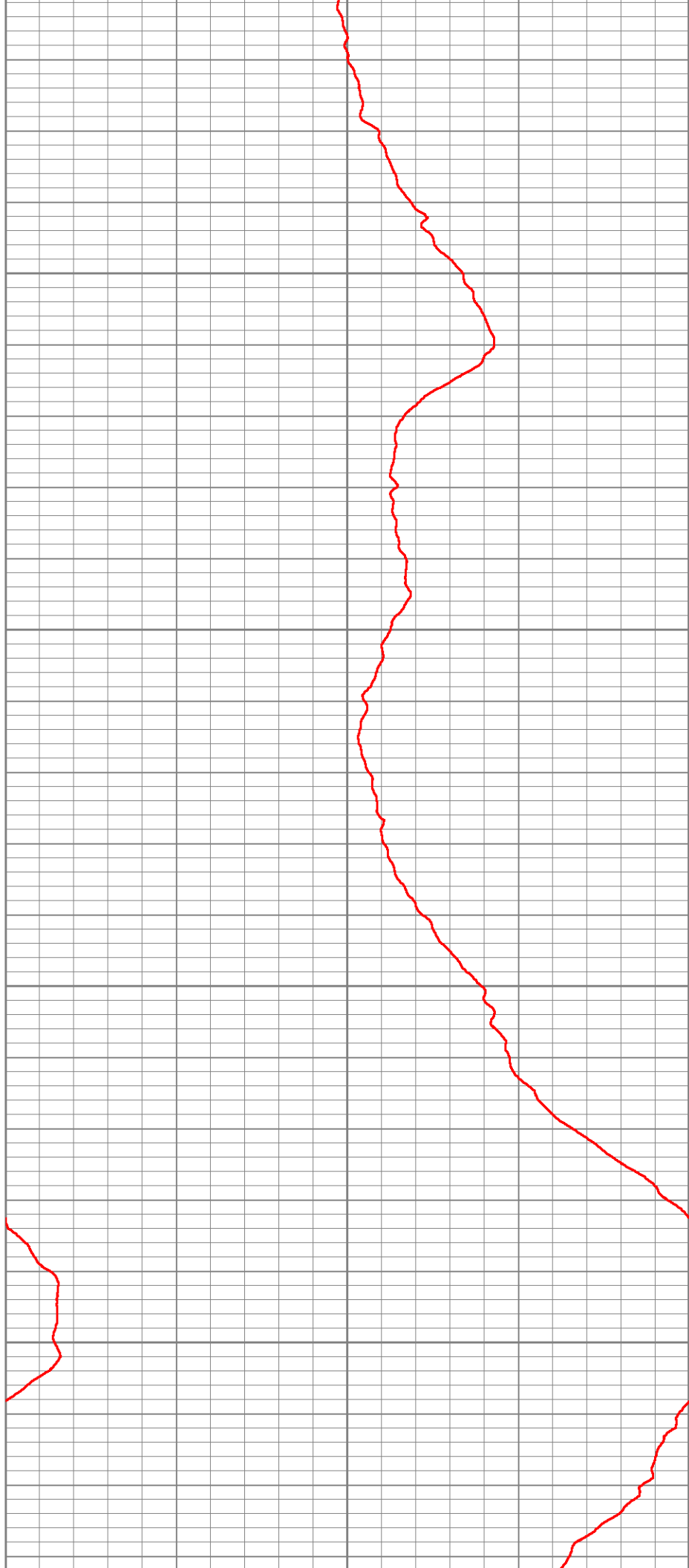
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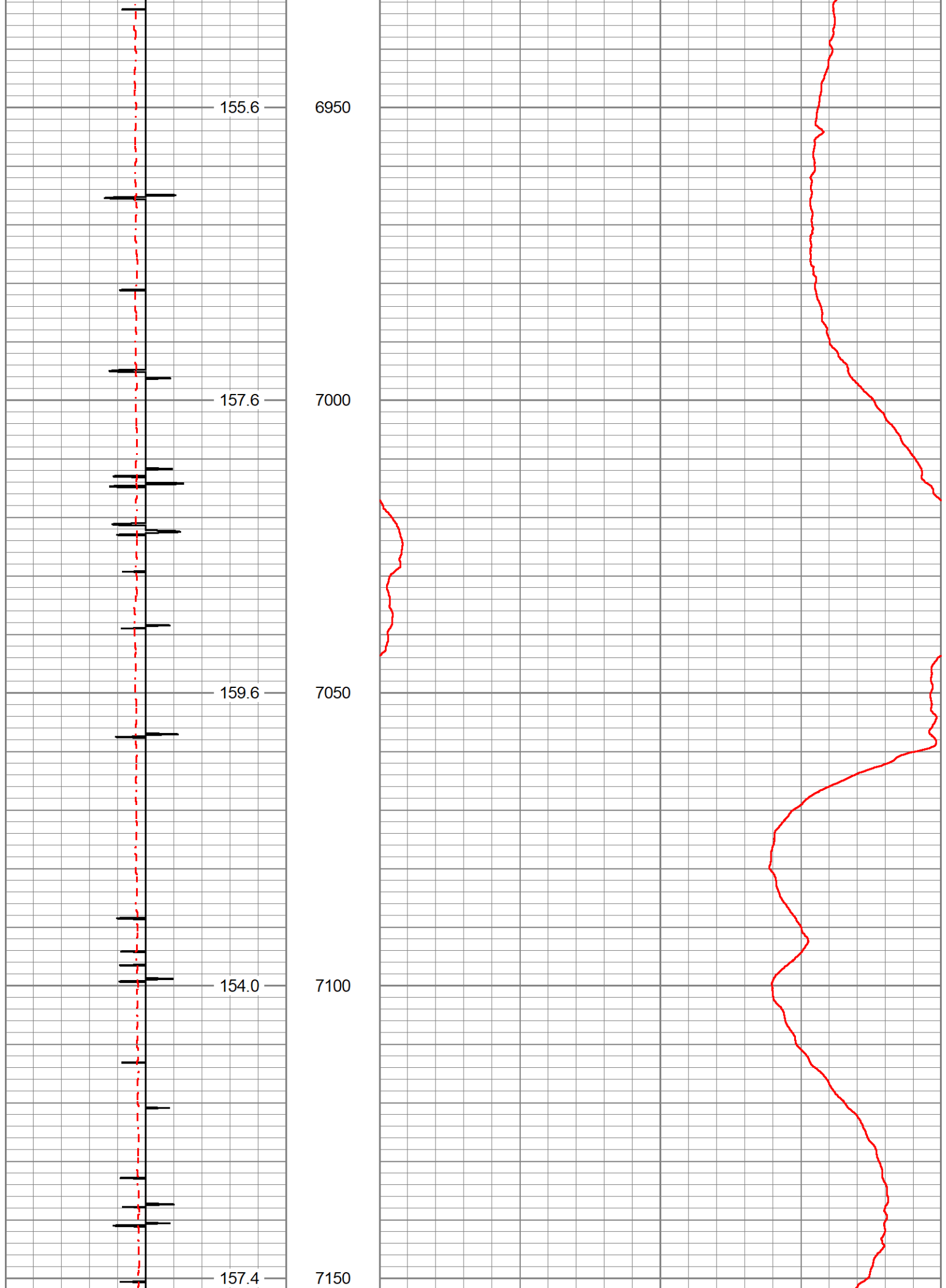
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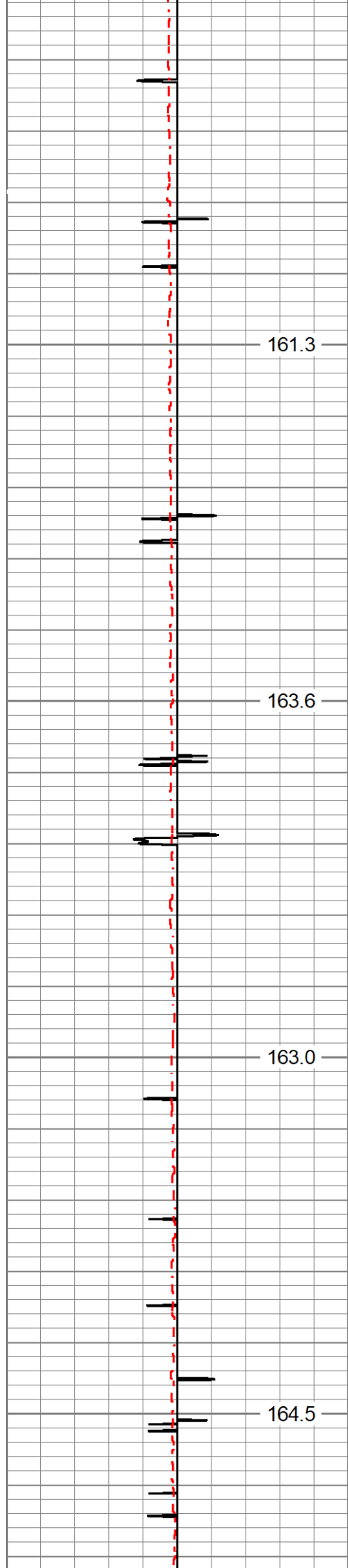
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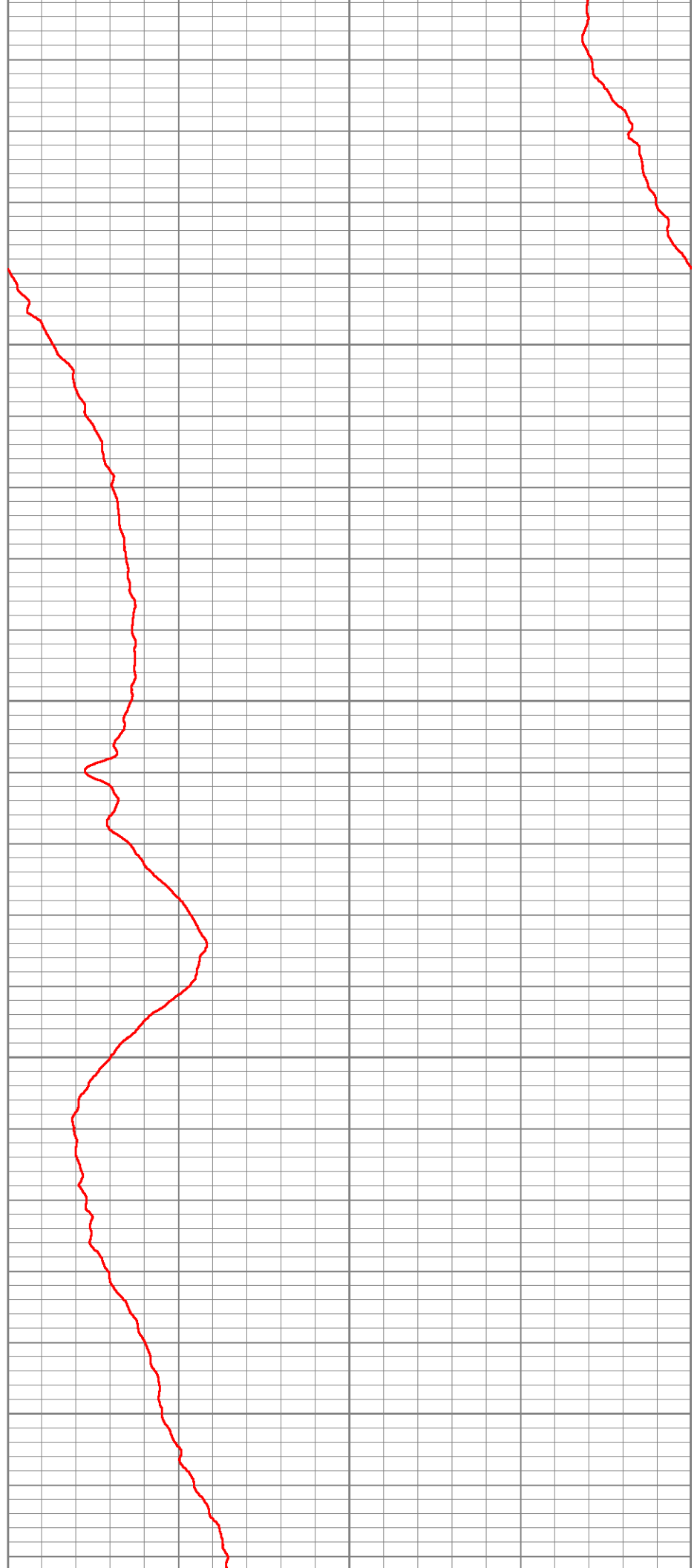


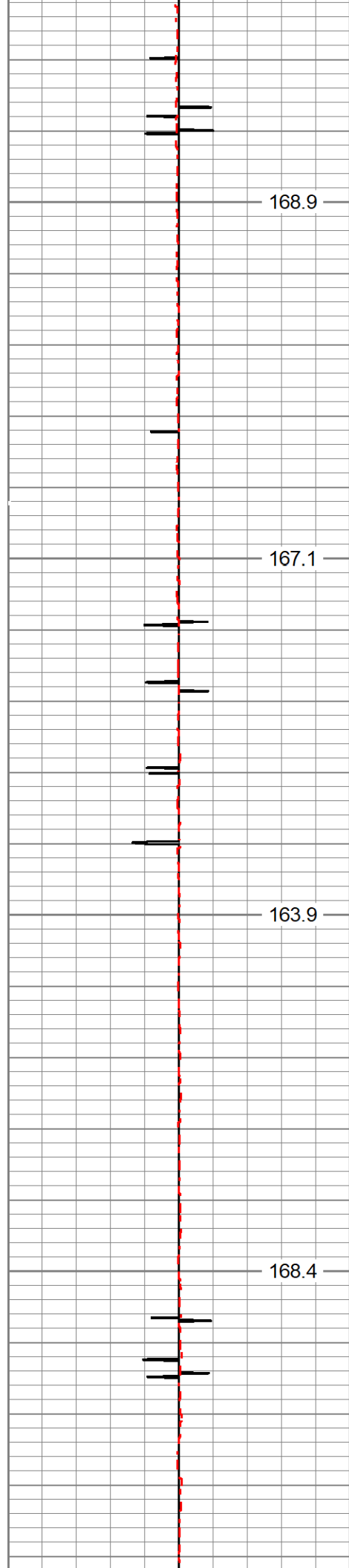
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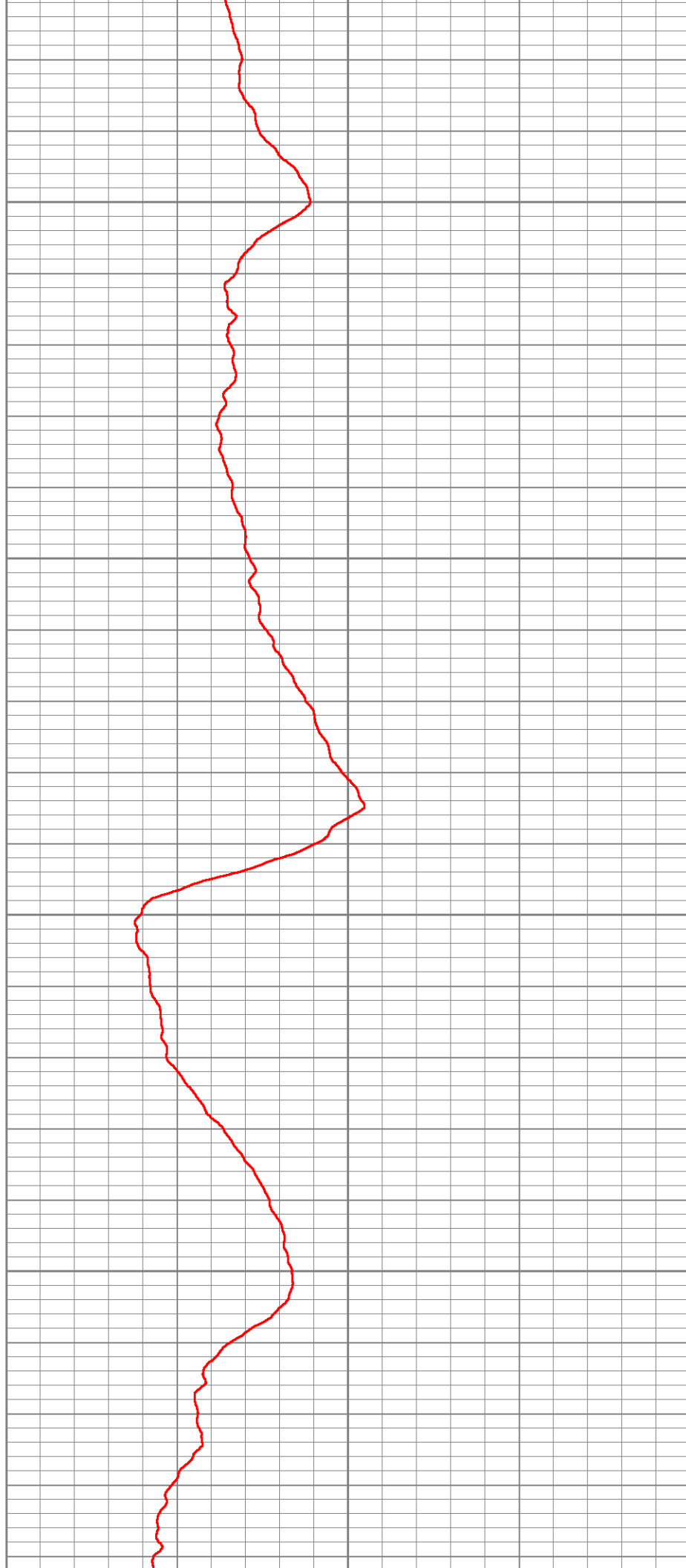


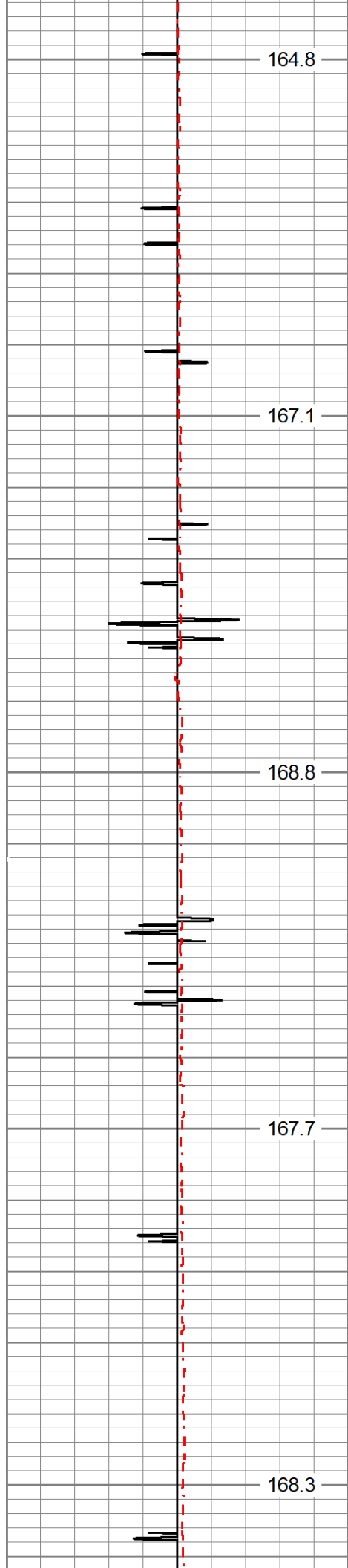
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167.1 7450

163.9 7500

168.4 7550





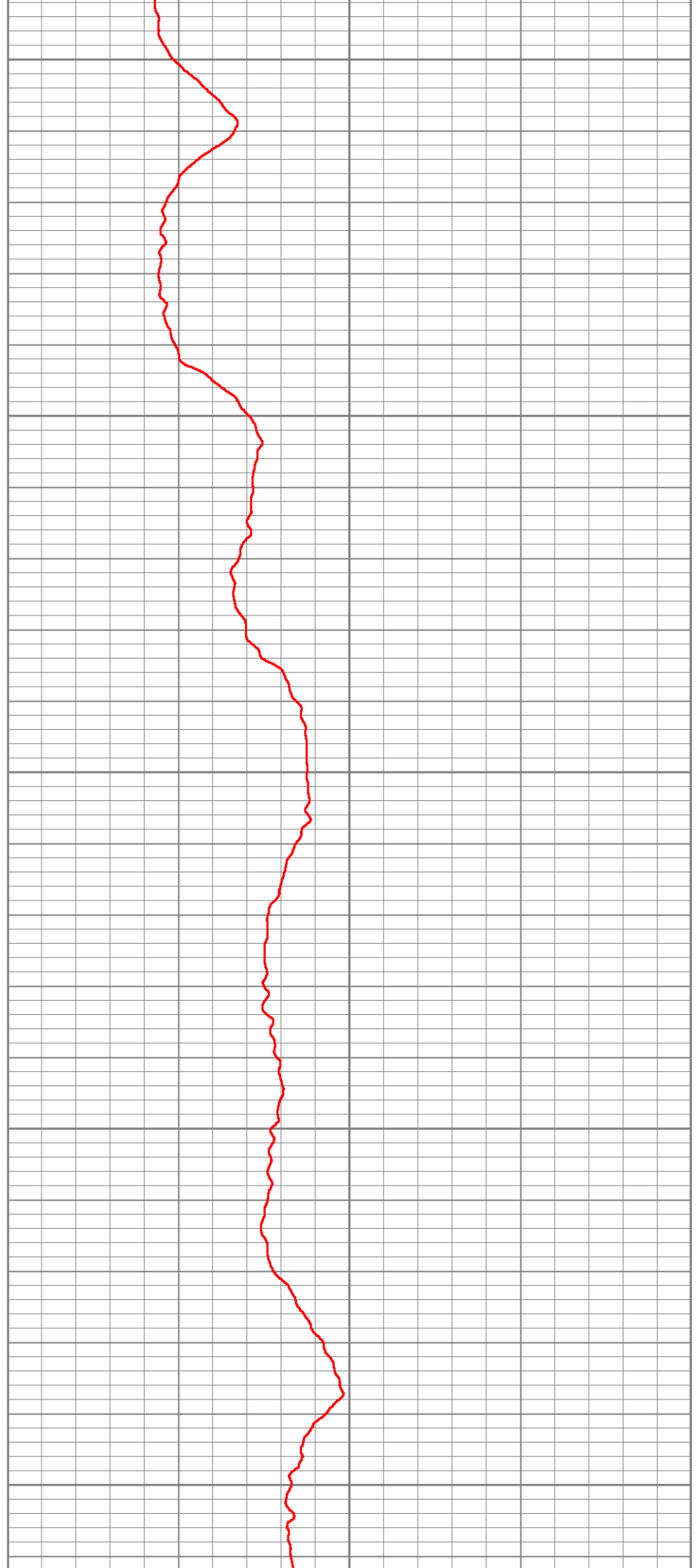
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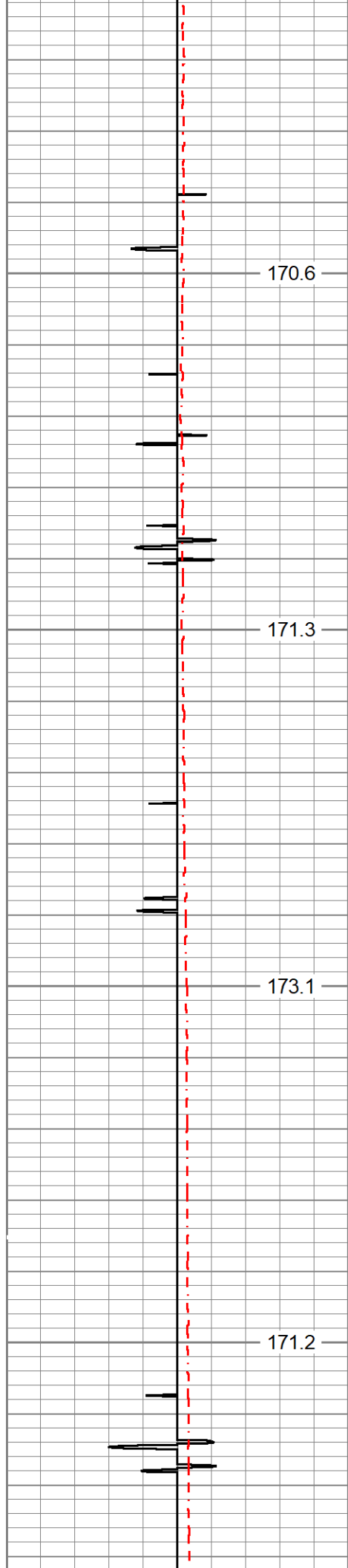
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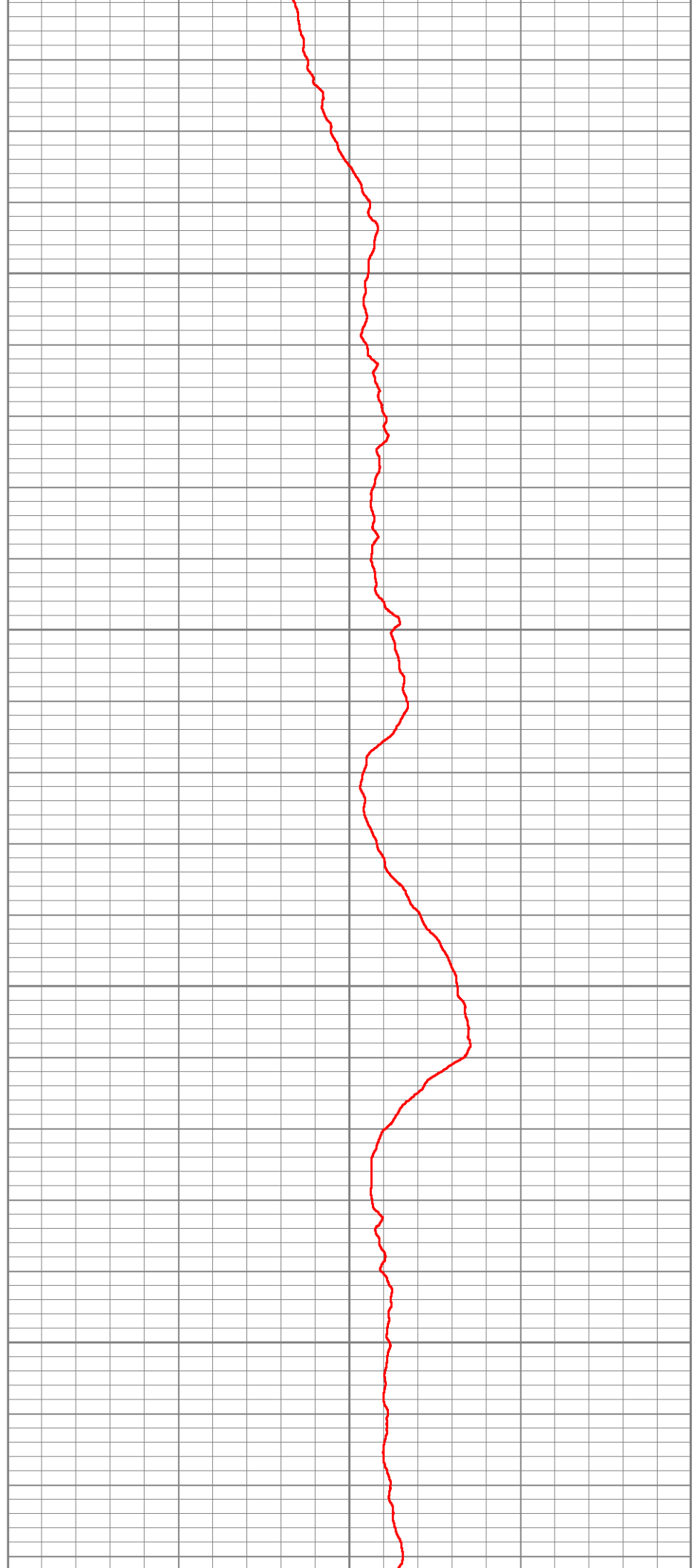
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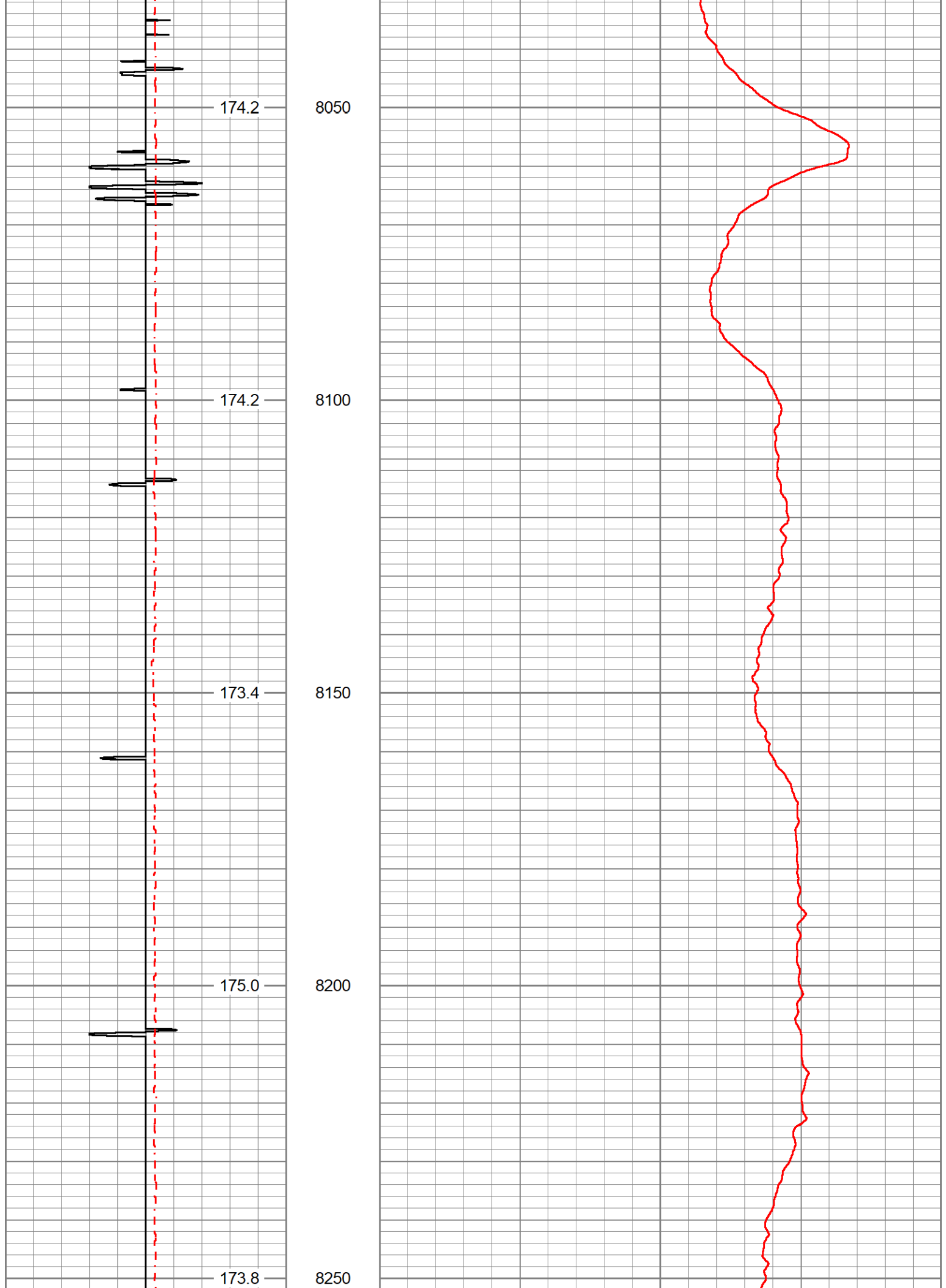
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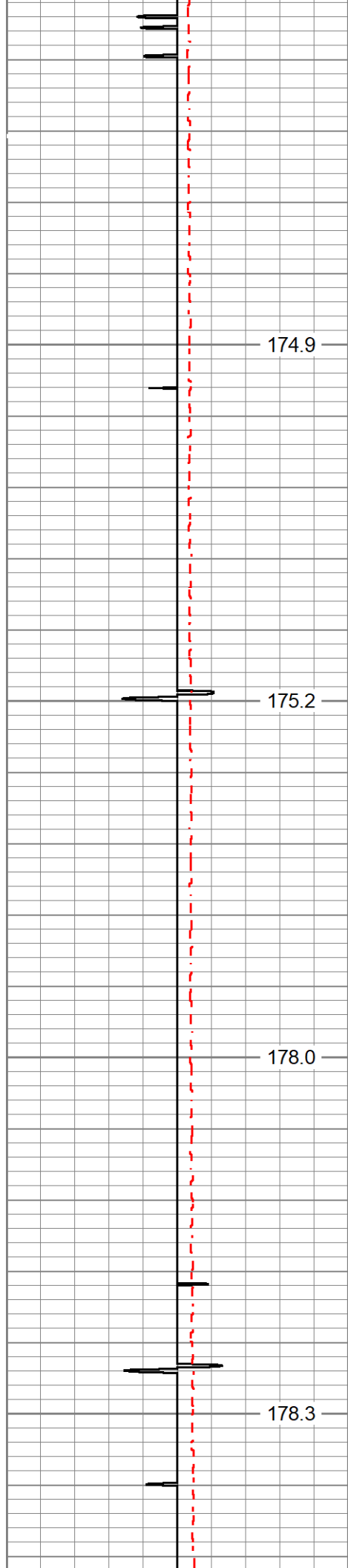
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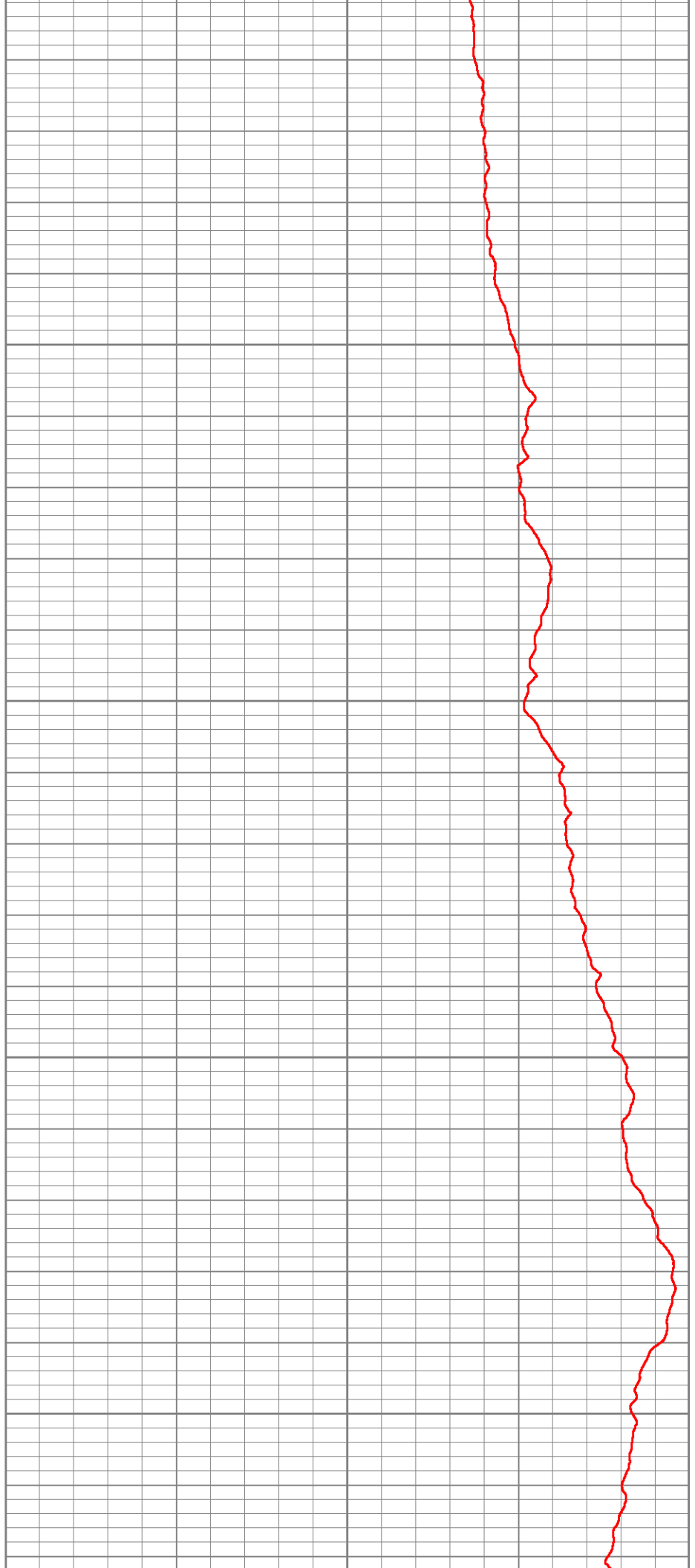


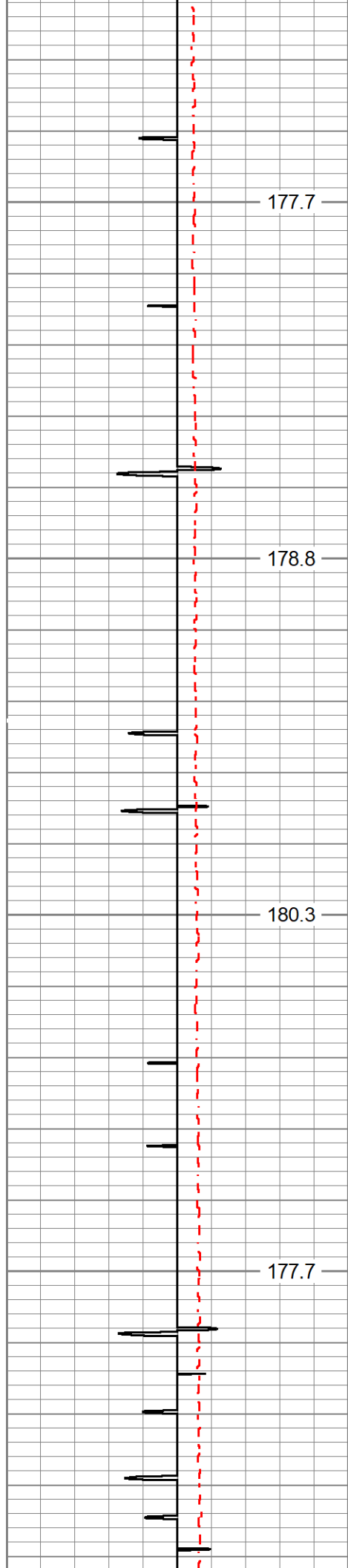
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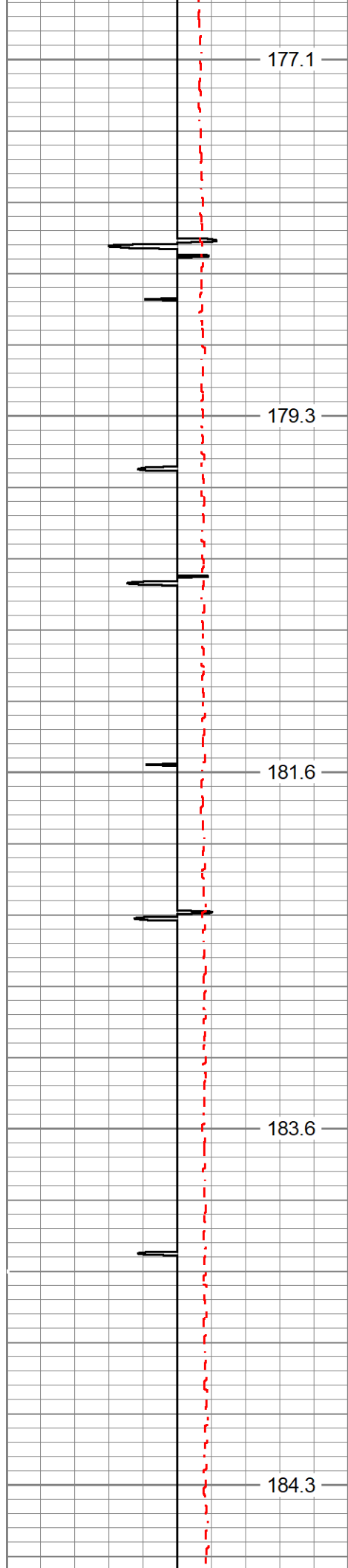
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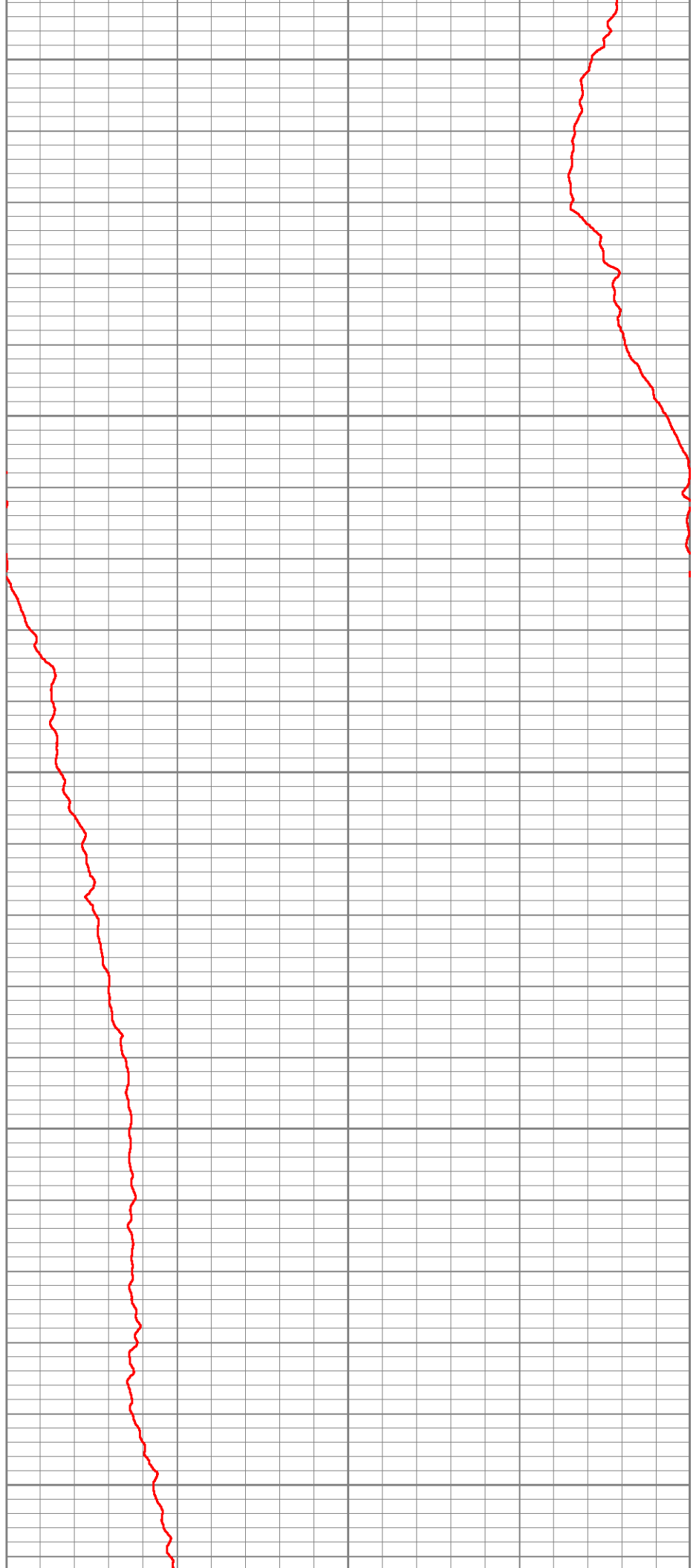
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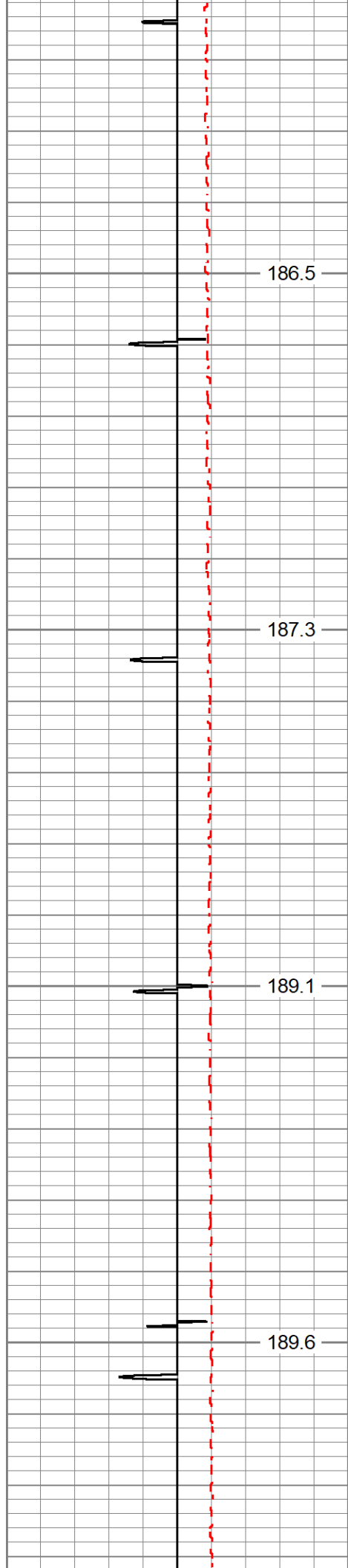
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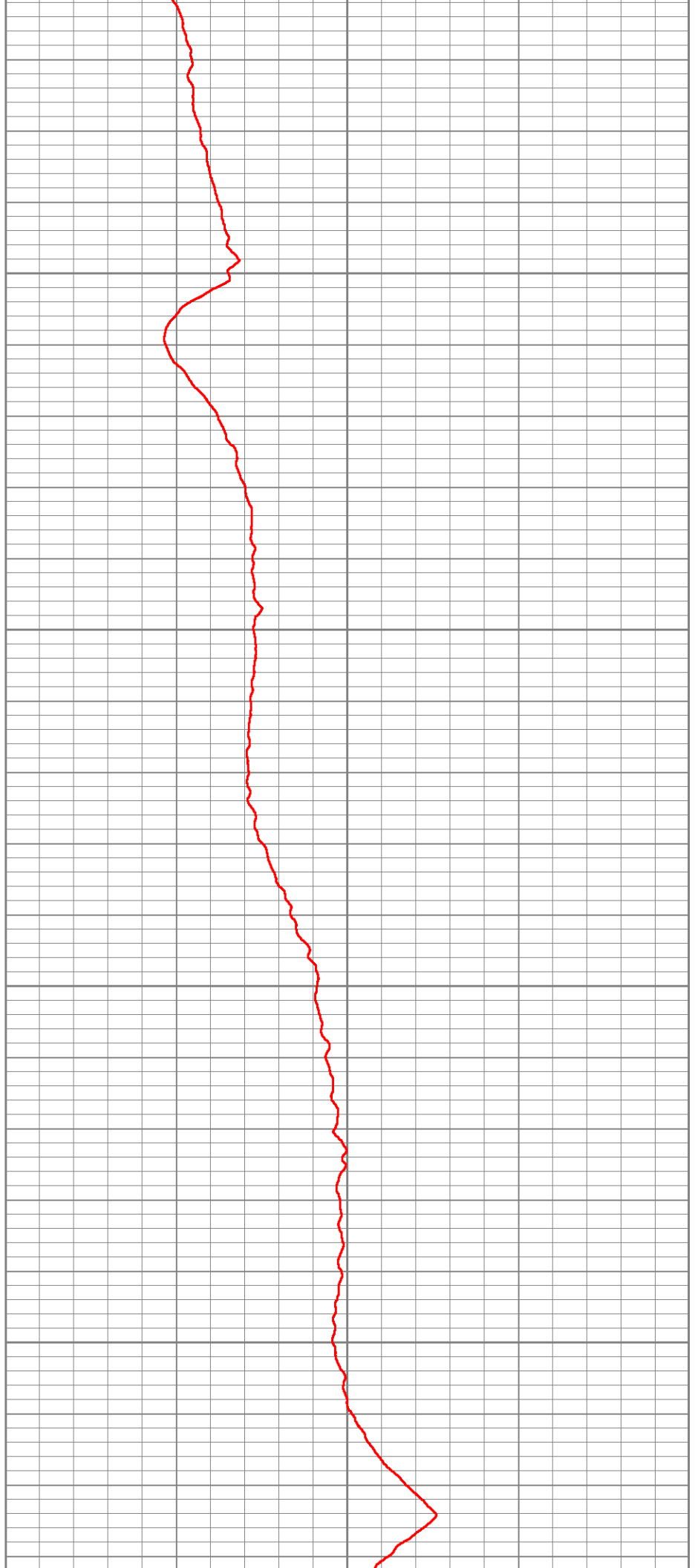


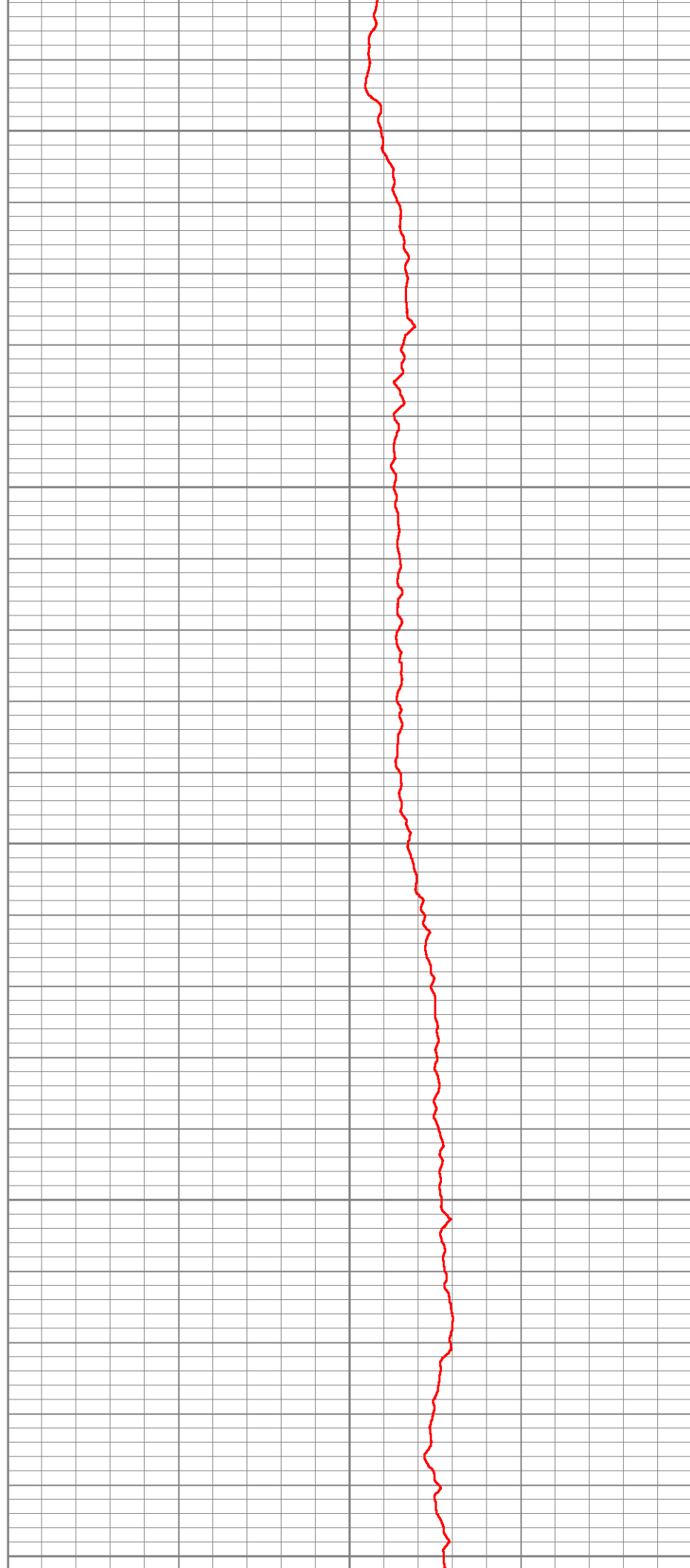
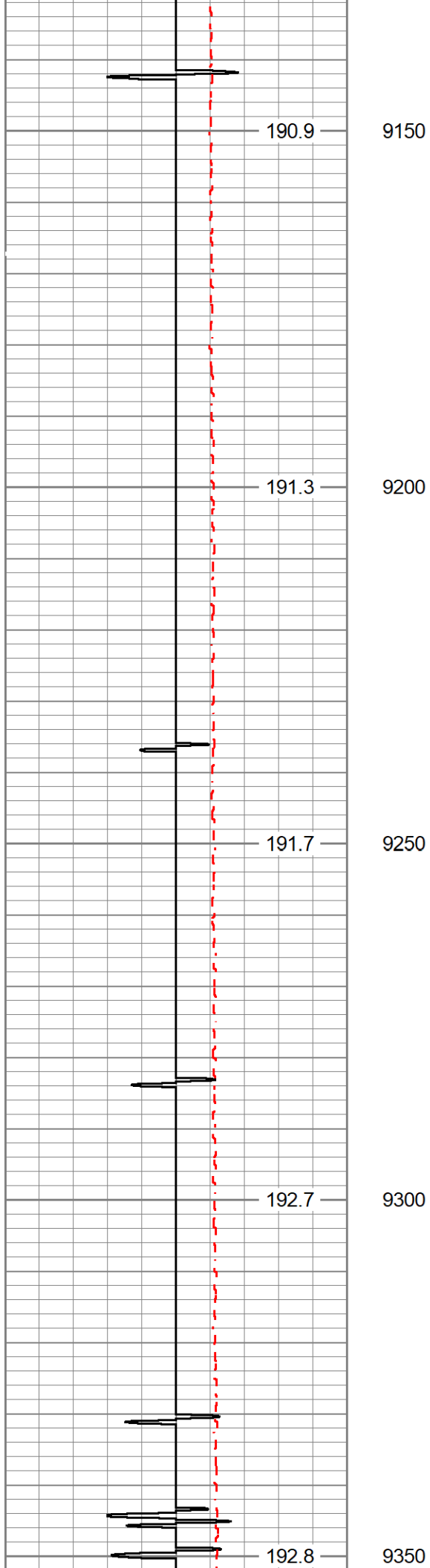
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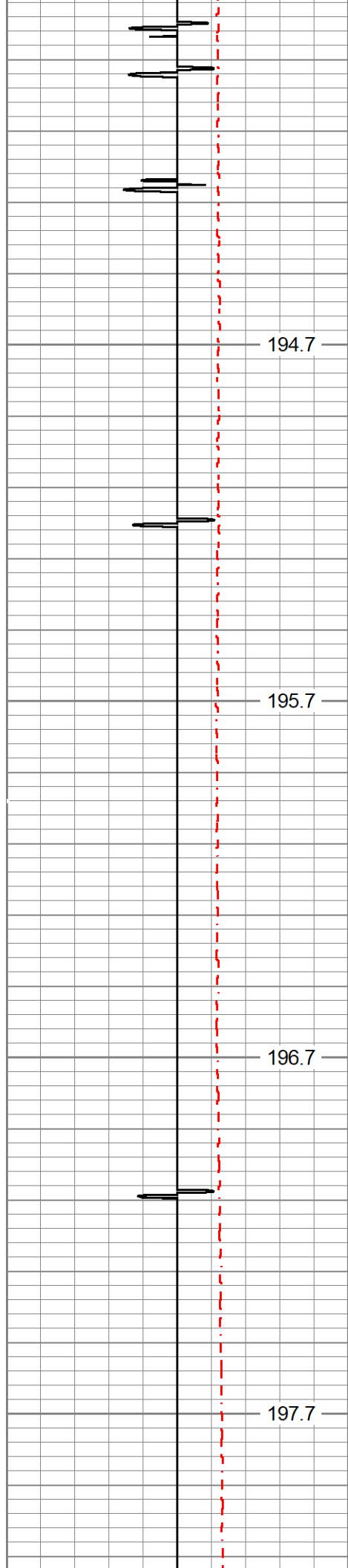
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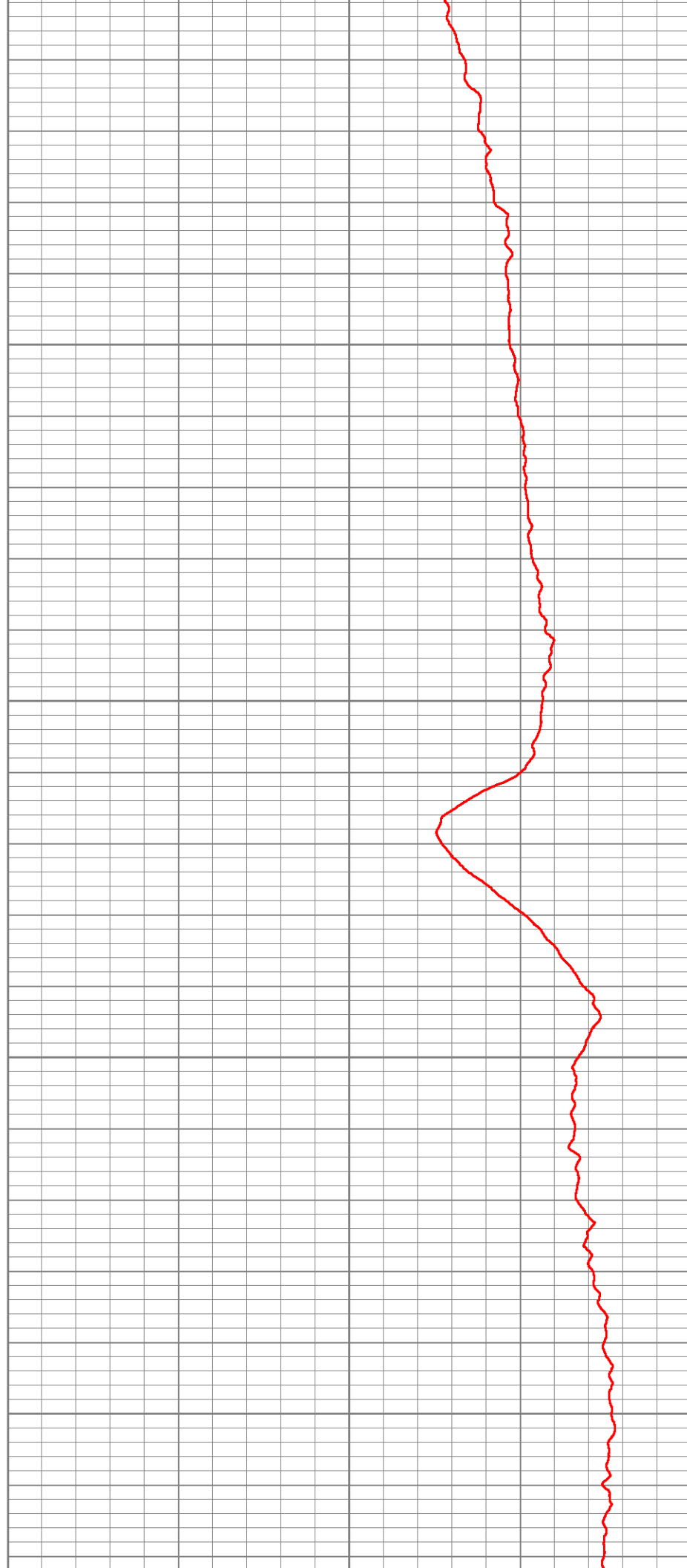
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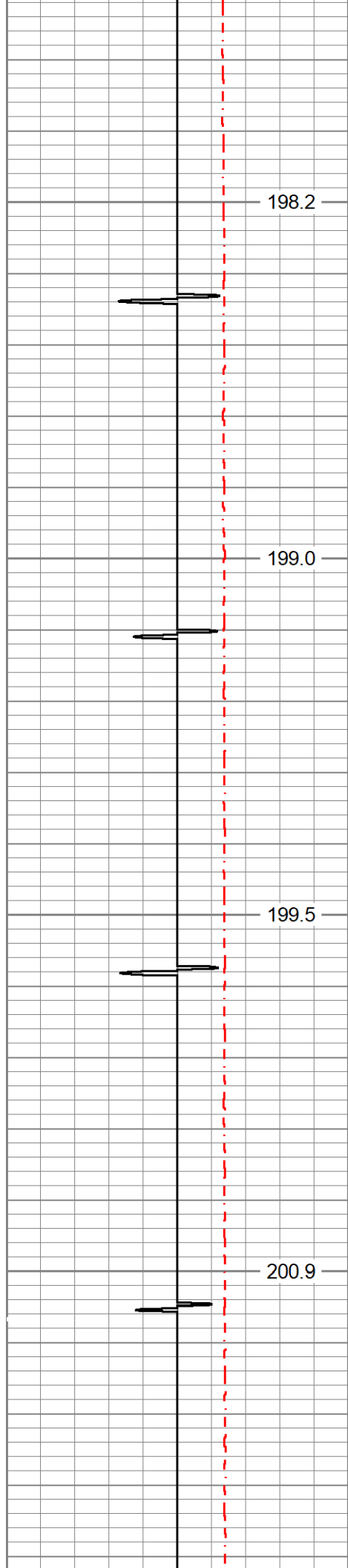
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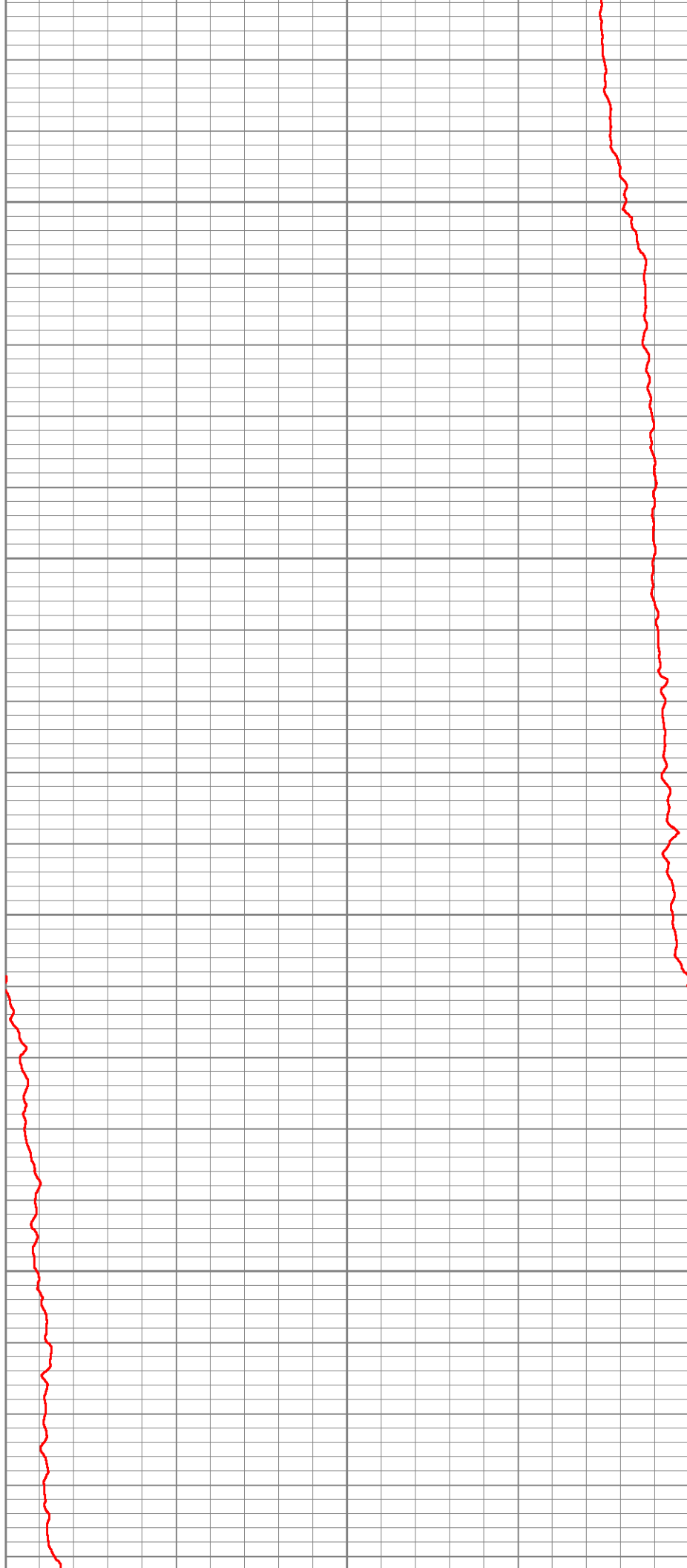
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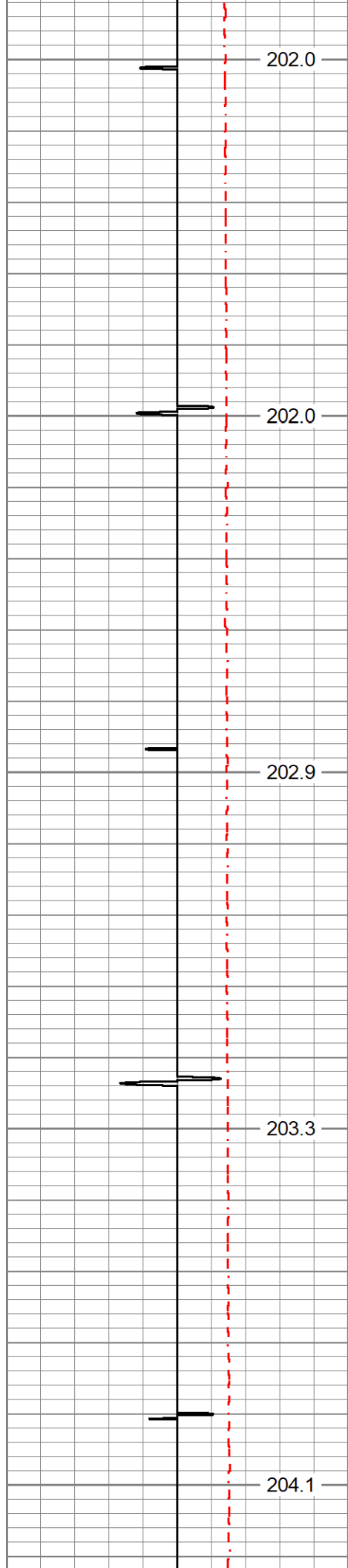
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9700

9750





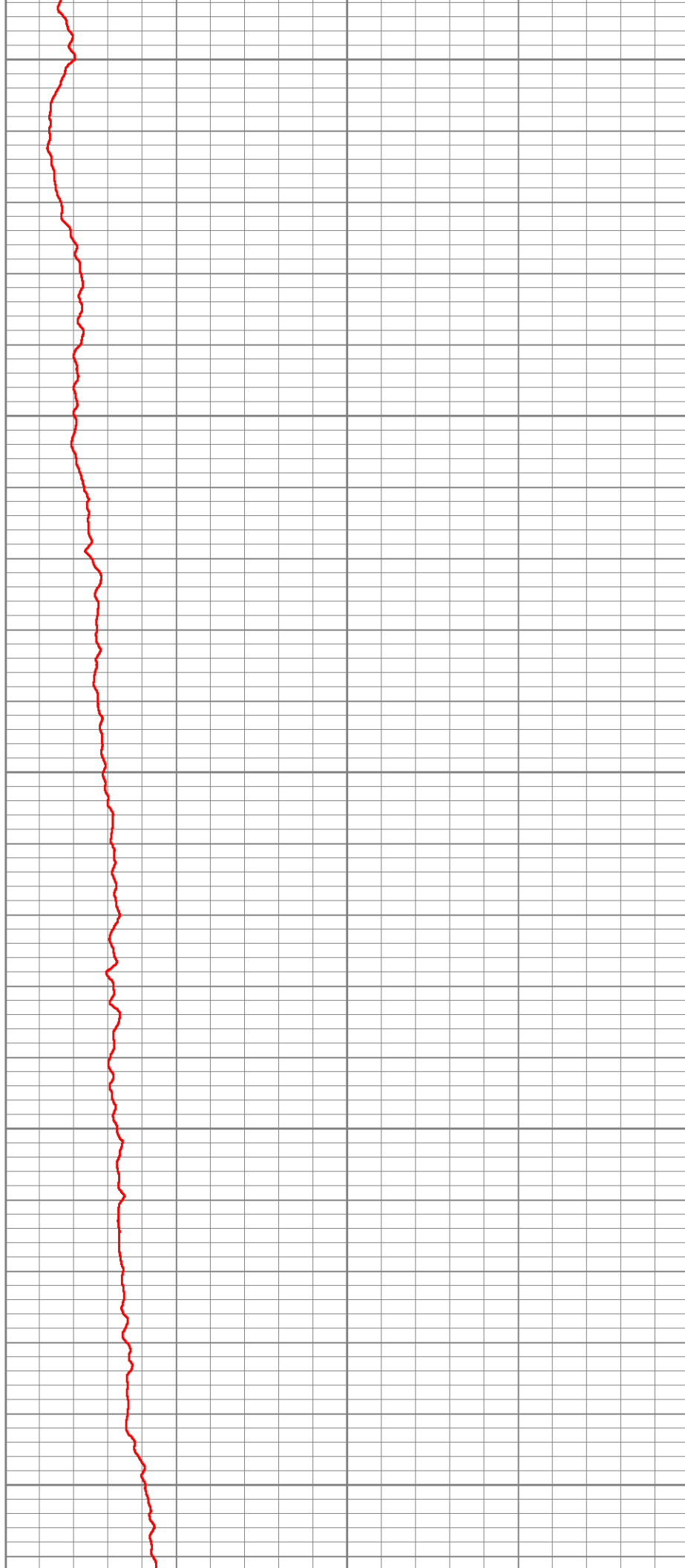
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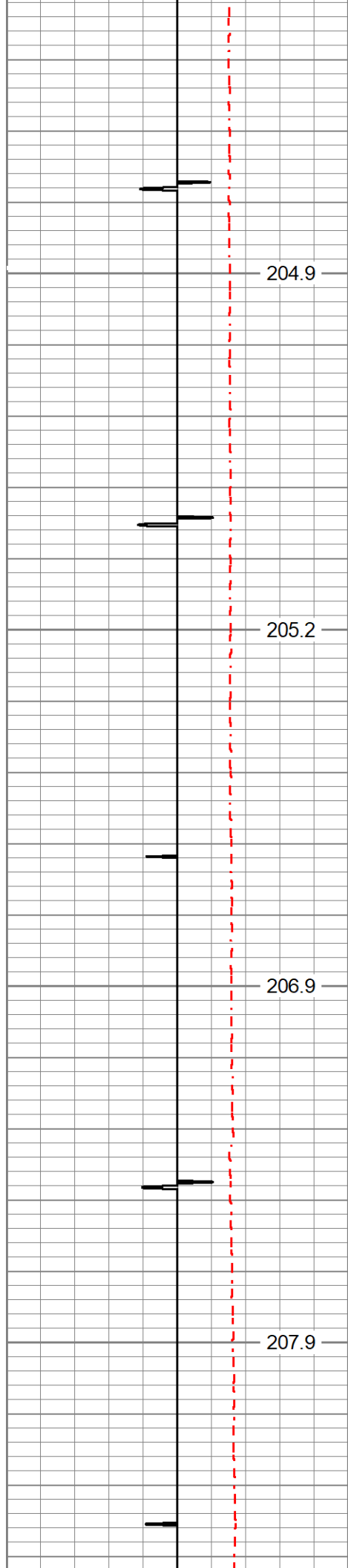
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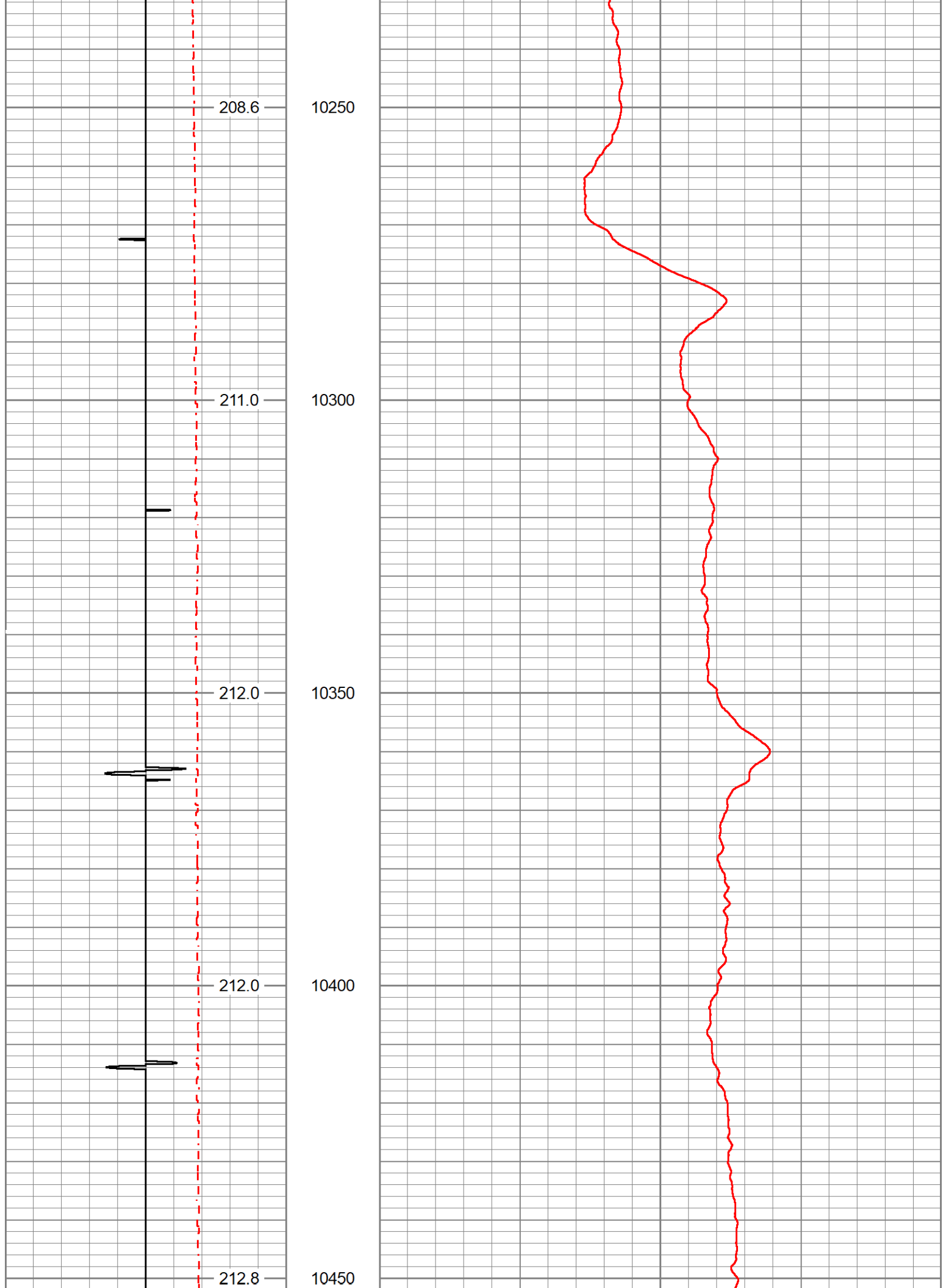
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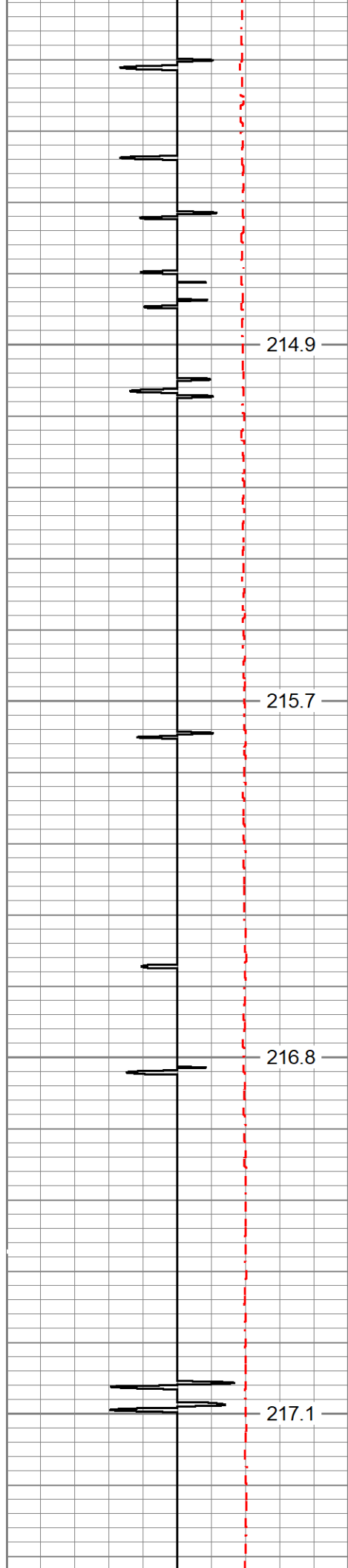
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10150

10200





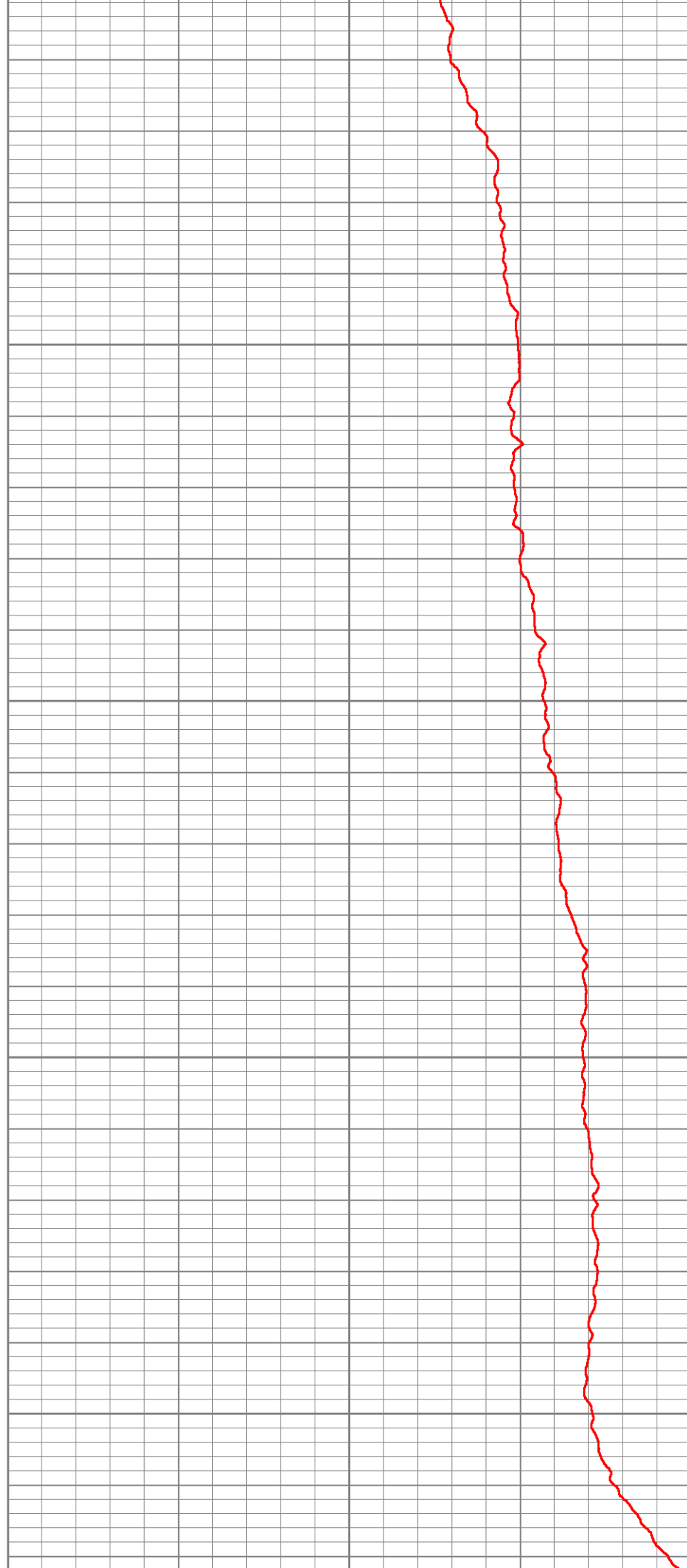


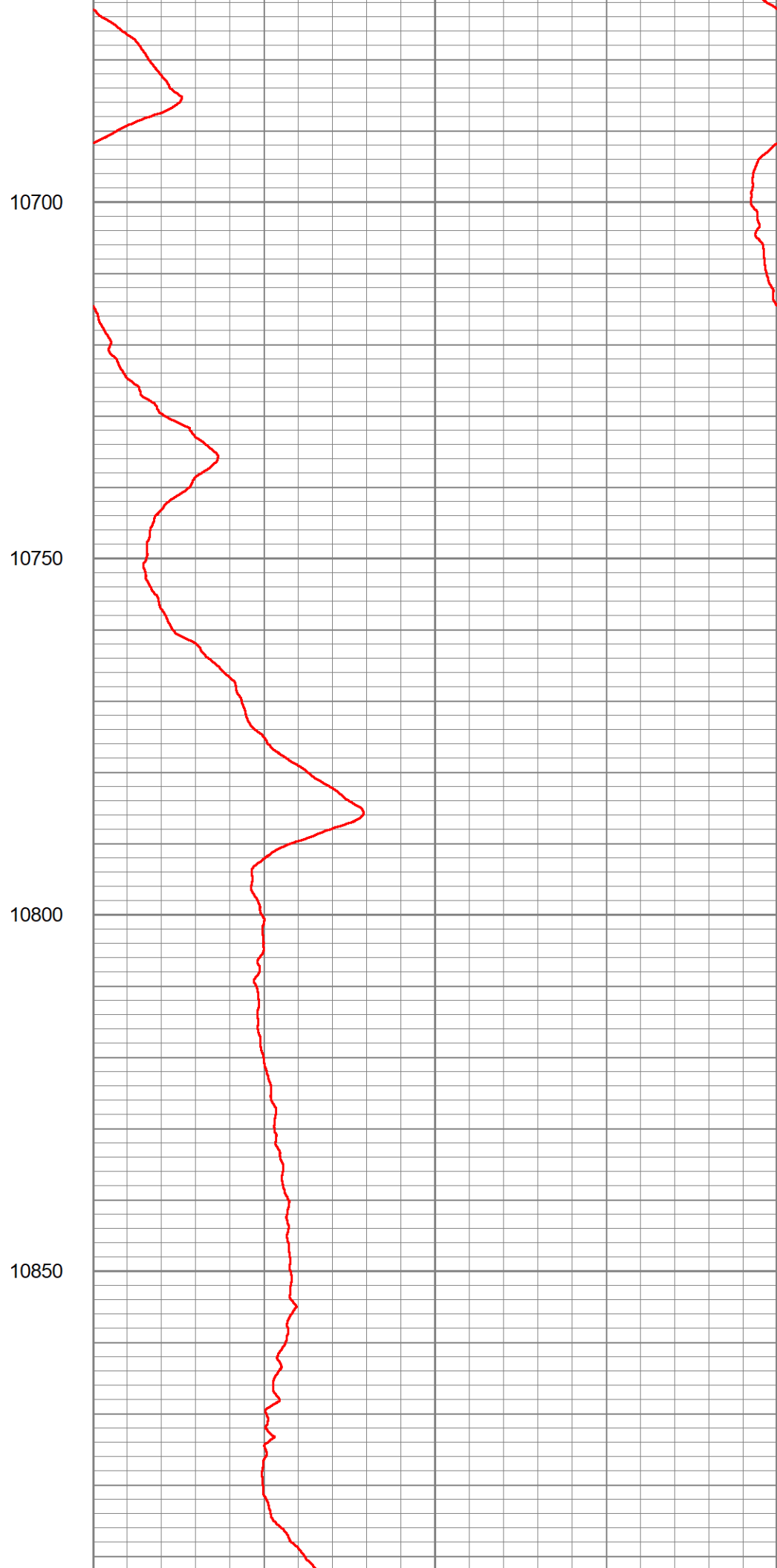
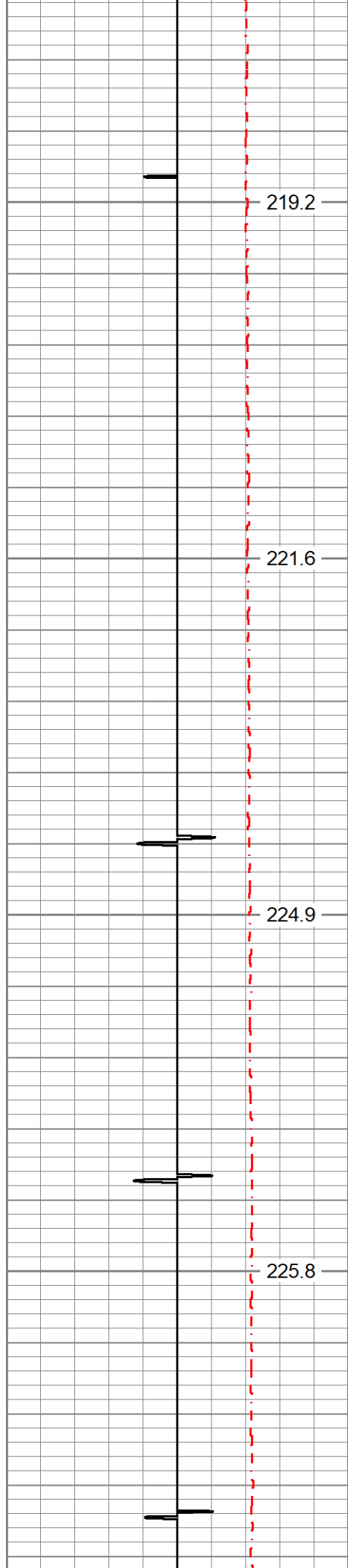
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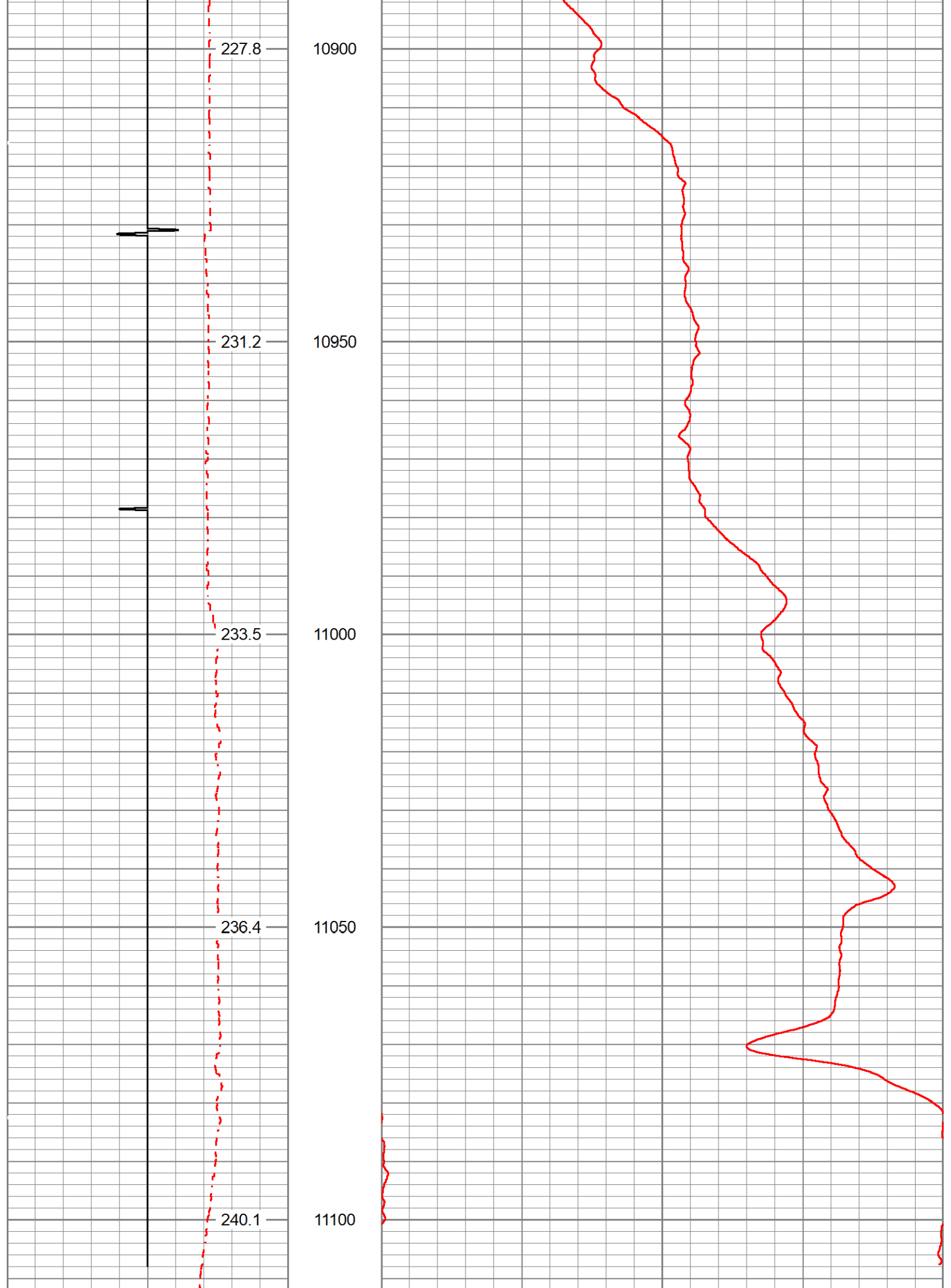
10550

10600


10650








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

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					
GCT_IntTemp	2.00					
GCT_ACCZ	0.33					
GCT_ACCY	0.33					
GCT_ACCX	0.33					
GCT_FMWR	0.00					
Error_Ct	0.00					
			GCacc-GCTacc_6-Pin-Base (110255) Probe 2.75" Gamma Ray - CCL w/ Temp and 6 Pin Bottom	5.00	2.75	
			Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00
Dataset: tep_federal wmc 531-20_temp_12-1-2022.db: field/well/run1/main1 Total length: 5.33 ft Total weight: 1.00 lb O.D.: 2.75 in						

Company	TEP Rocky Mountain LLC				
Well	Federal WMC 531-20				
Field	Rulison				
County	Garfield	State	Colorado		
		Temperature Casing Collar Log			