



Temperature
Casing Collar Log

Company		TEP Rocky Mountain LLC	
Well		Federal WMC 532-20	
Field		Rulison	
County		Garfield	
State		Colorado	
Location:		API # : 05-045-24489	
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-NOV-2022		
Run Number	One		
Depth Driller	11477 FT		
Depth Logger	11160 FT		
Bottom Logged Interval	11160 FT		
Top Log Interval	Surface		
Open Hole Size	8.75"		
Type Fluid	Water		
Density / Viscosity	8.34 Lb/Gal		
Max. Recorded Temp.	217 °F		
Estimated Cement Top	See Log		
Time Well Ready	ROA		
Time Logger on Bottom	0:30		
Equipment Number	8047		
Location	Grand Junction		
Recorded By	A. Ellsworth		
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

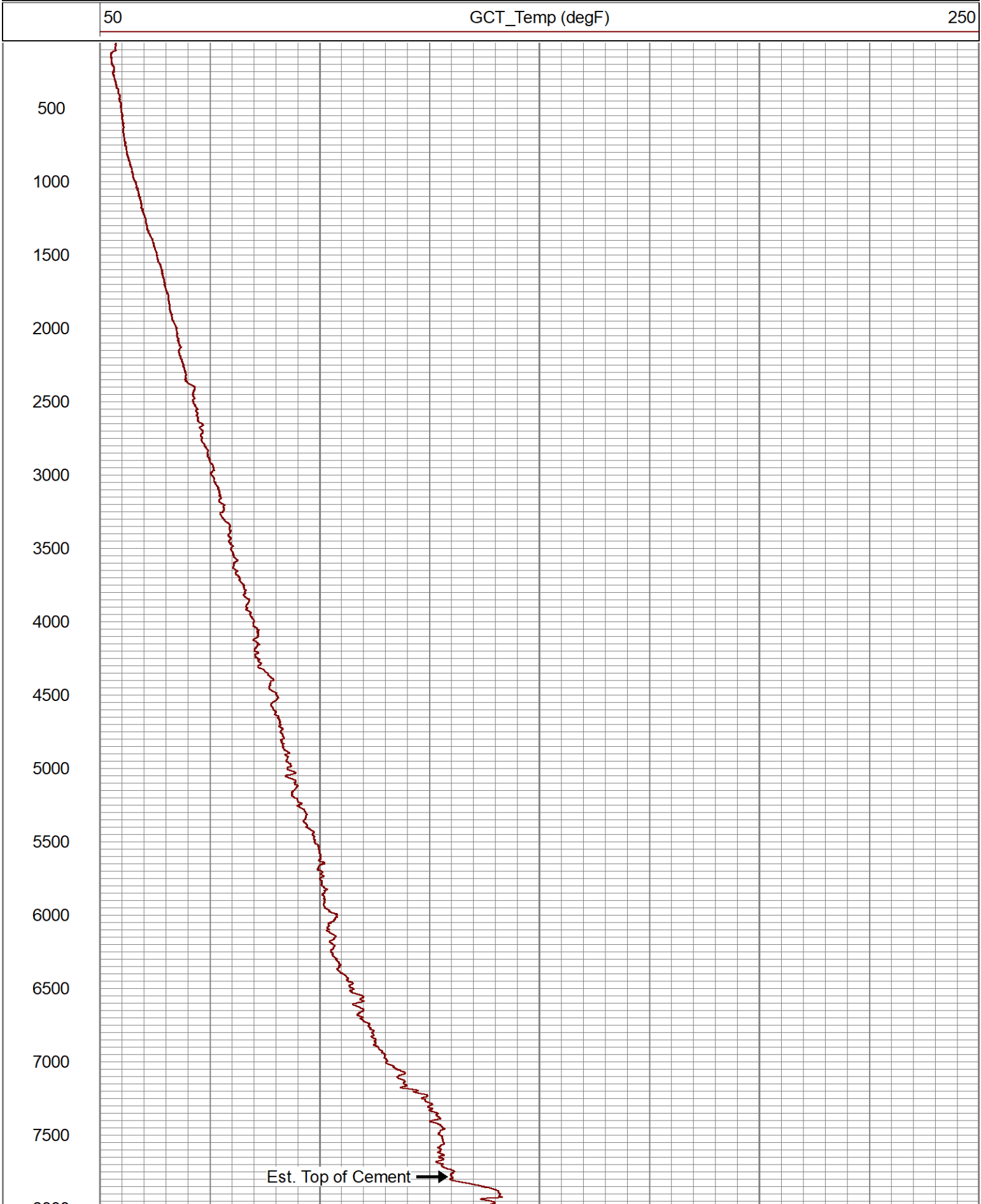
Log ran as per customer request
Depth referenced to Kelly Bushing at 30 FT

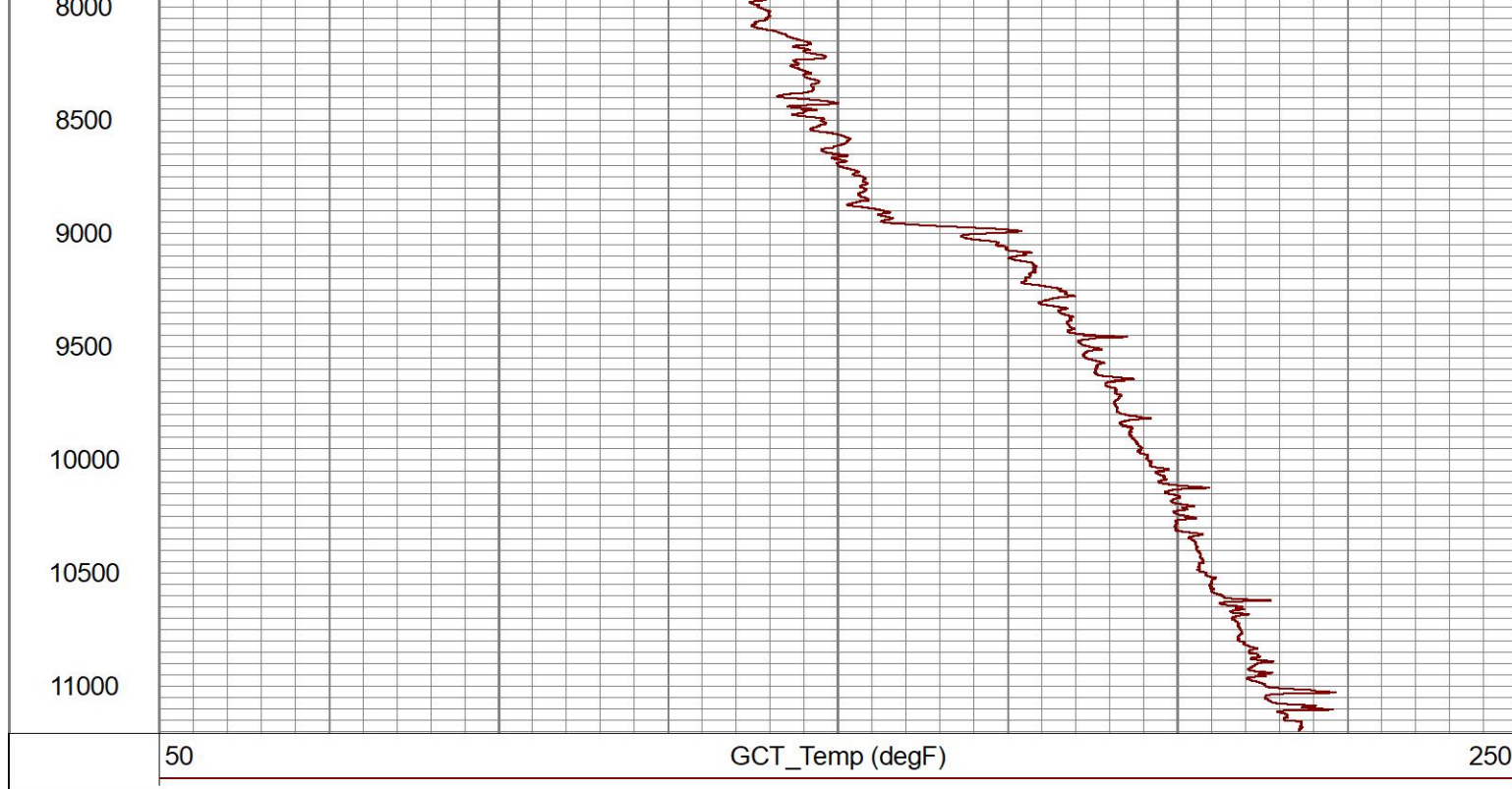
Thank you for choosing The Wireline Group!




Main Pass (Quick Look)

Database File	tep_fwd wmc 532-20_temp_11-13-2022.db
Dataset Pathname	main2
Presentation Format	ros_temp_ql_tep
Dataset Creation	Sun Nov 13 23:47:14 2022
Charted by	Depth in Feet scaled 1:10000

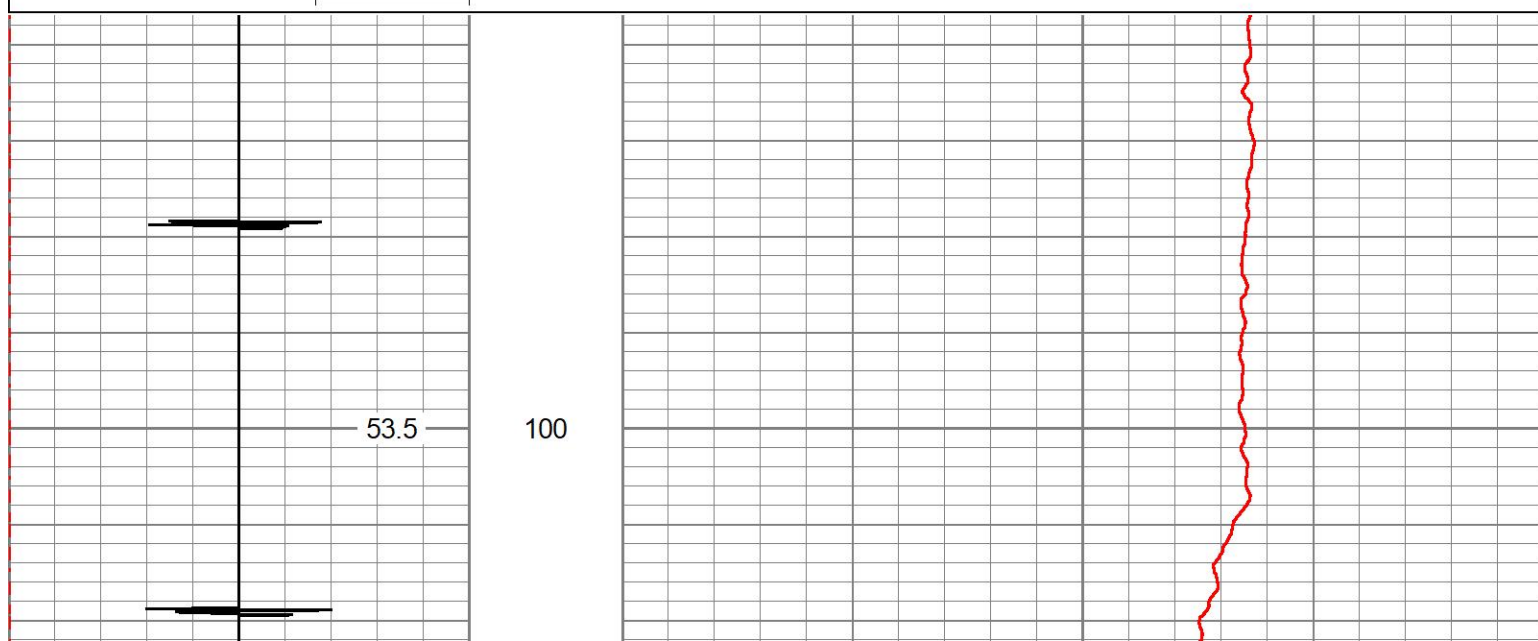


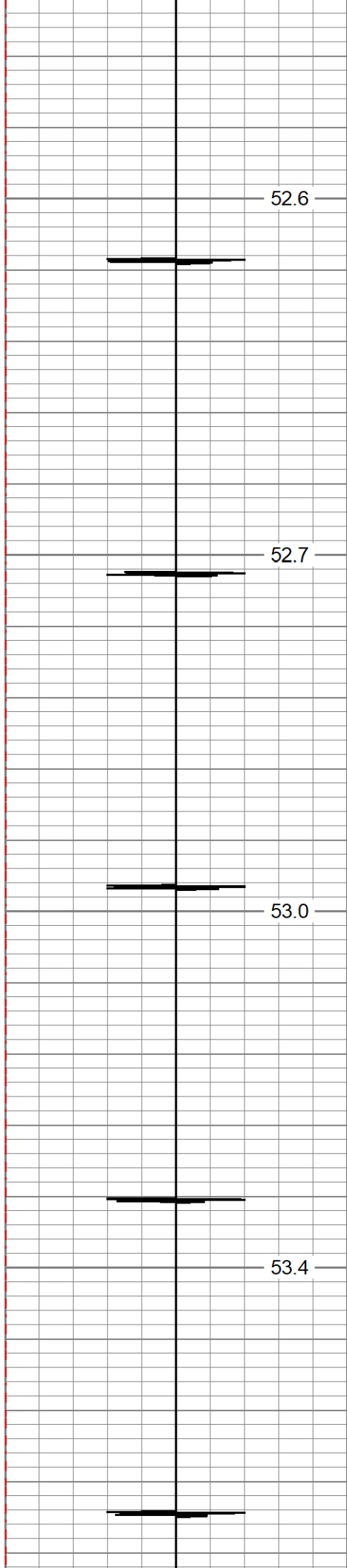


	<p>Main Pass 5" = 100'</p>
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Database File	tep_fwd wmc 532-20_temp_11-13-2022.db
Dataset Pathname	main2
Presentation Format	gct_tmp
Dataset Creation	Sun Nov 13 23:47:14 2022
Charted by	Depth in Feet scaled 1:240

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



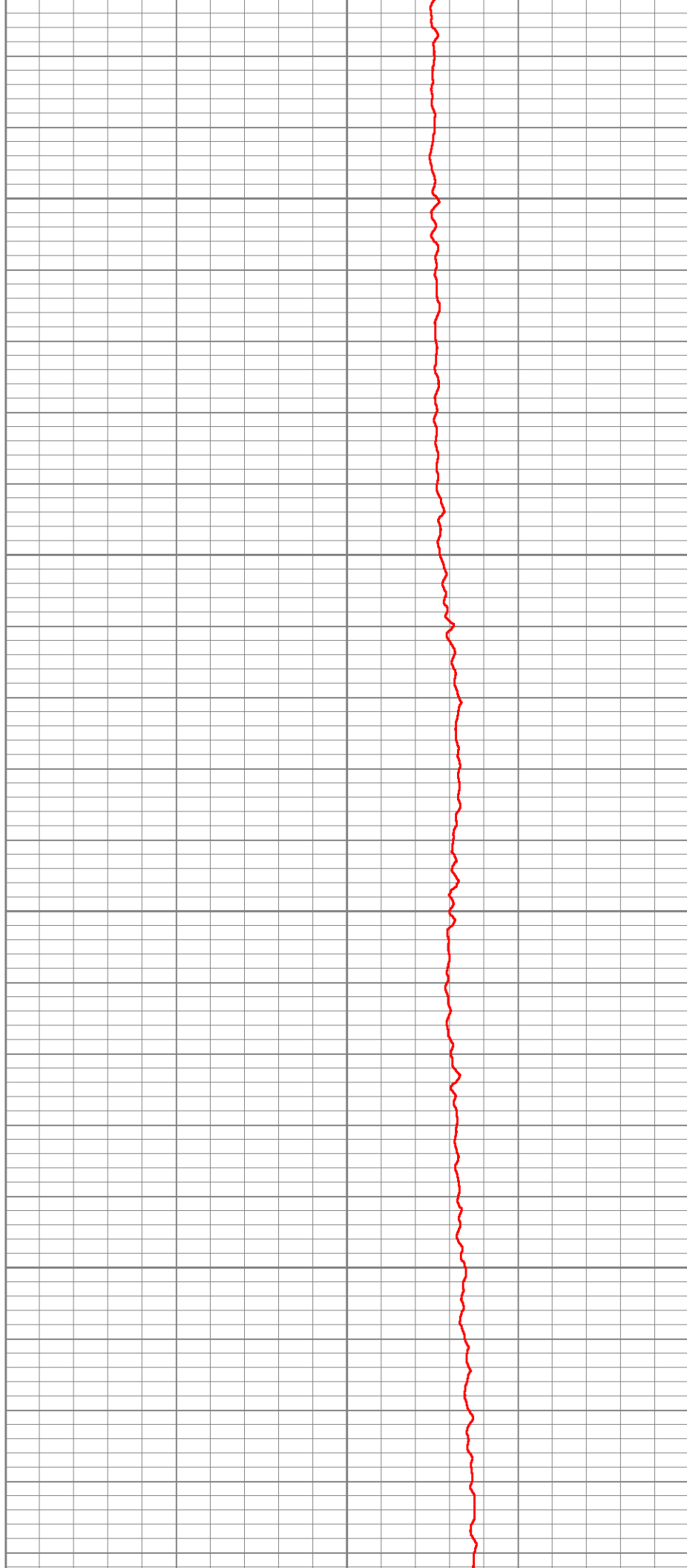


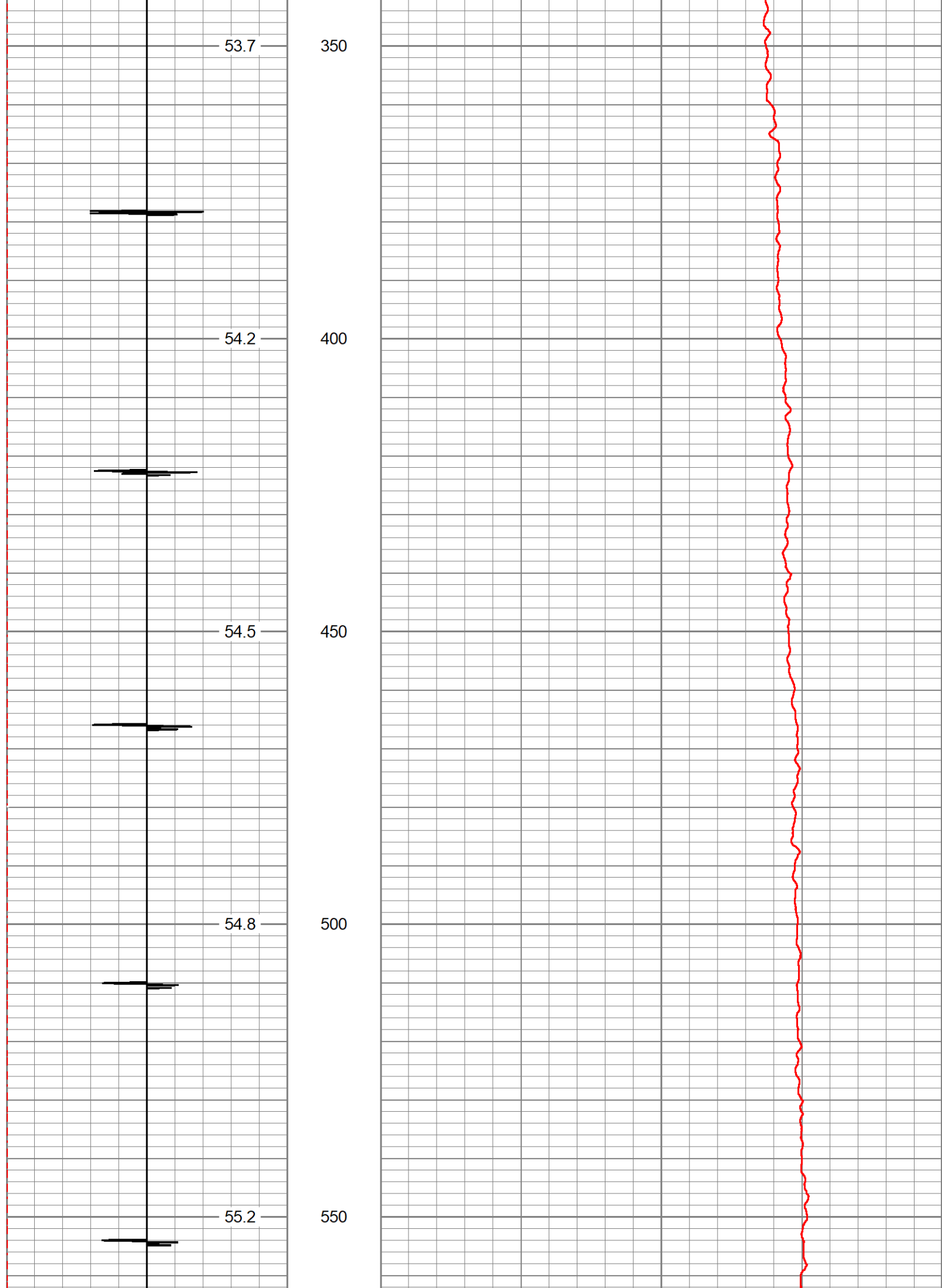
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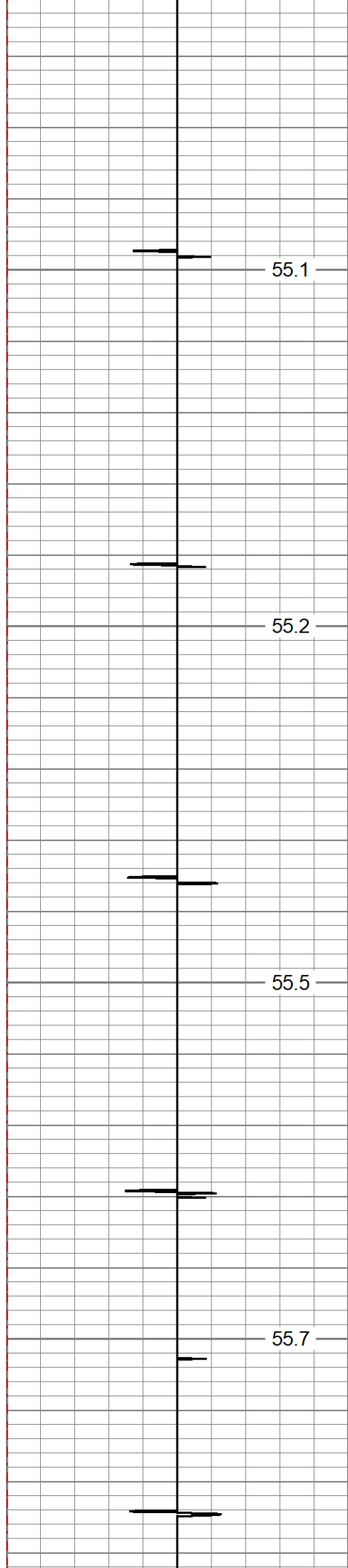
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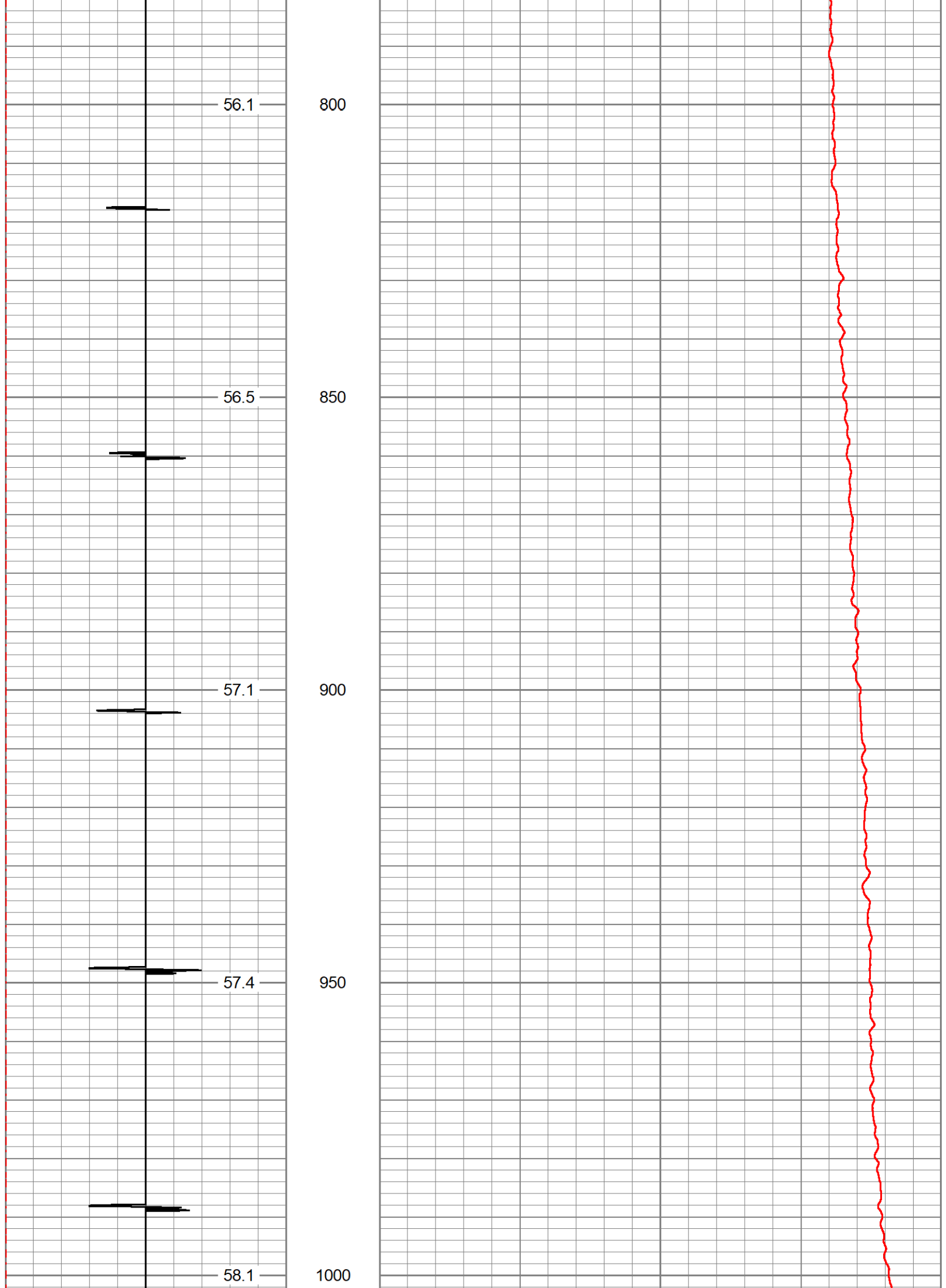
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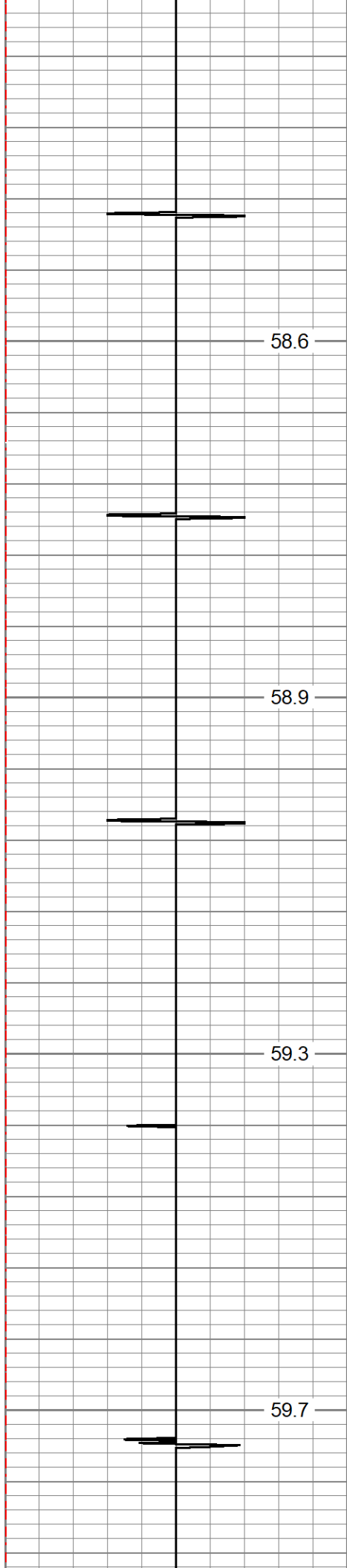
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700

750





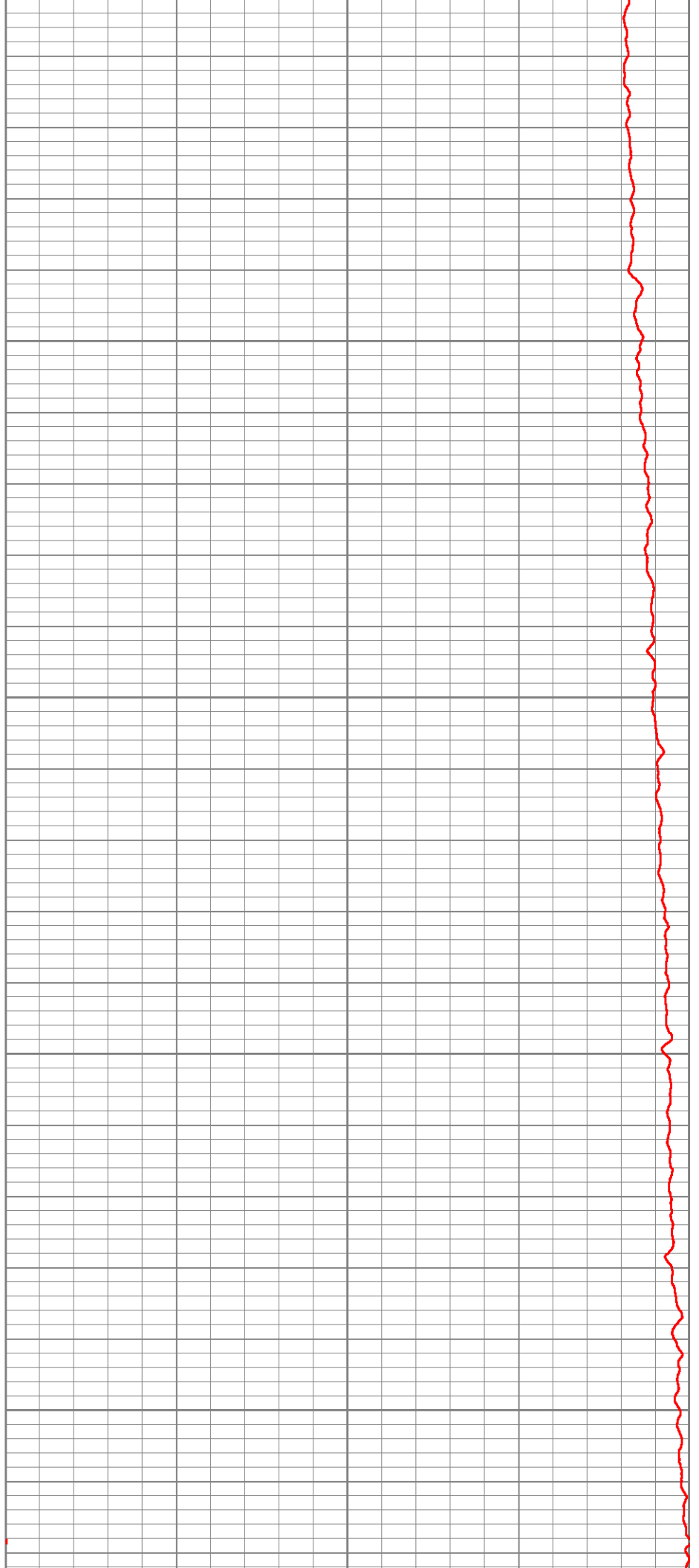


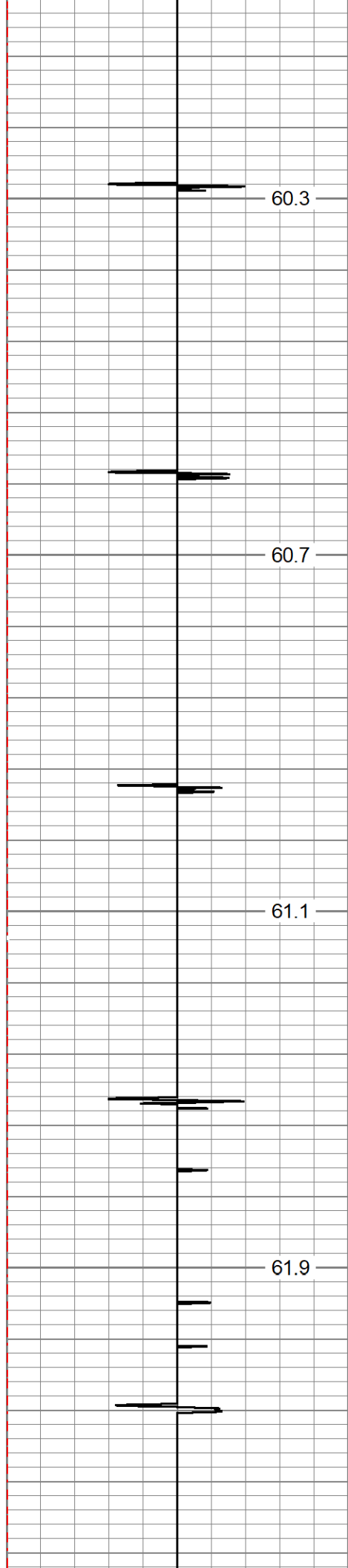
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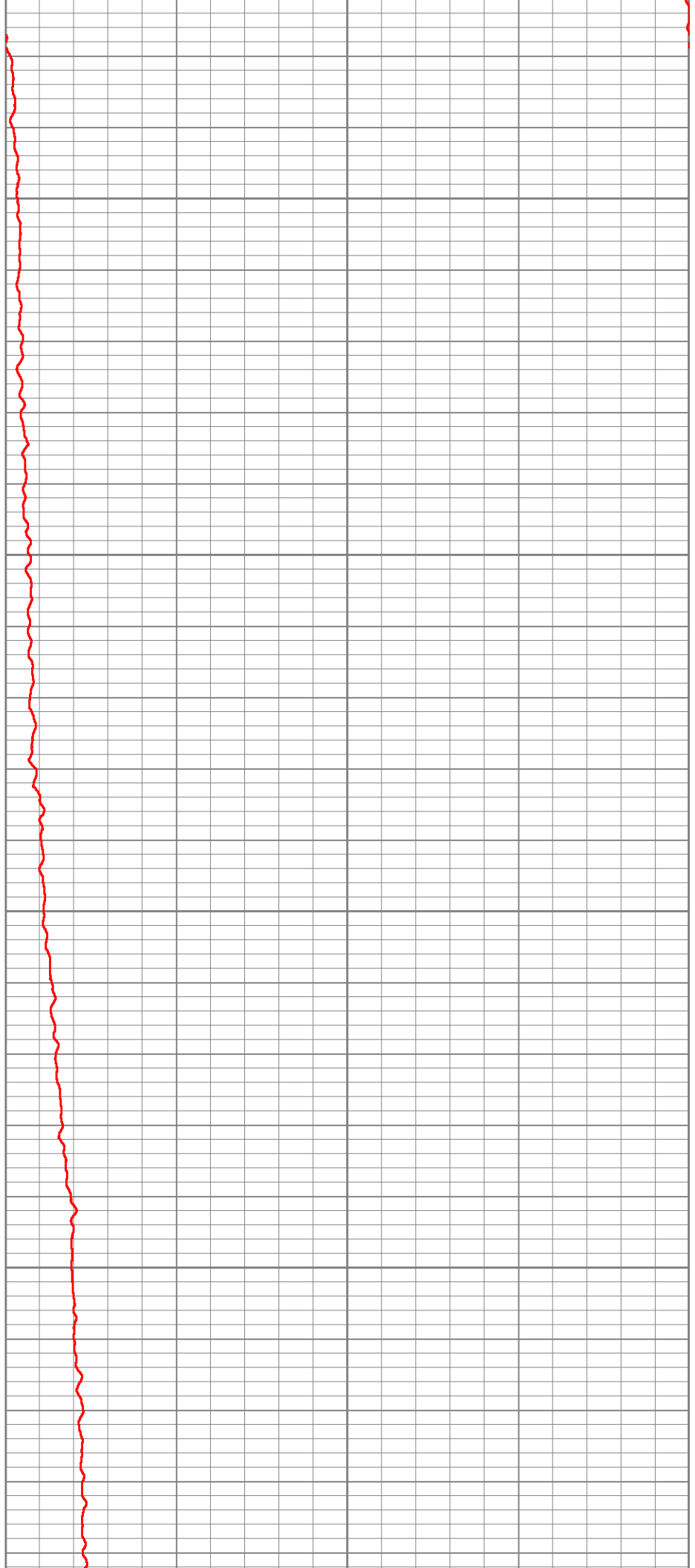


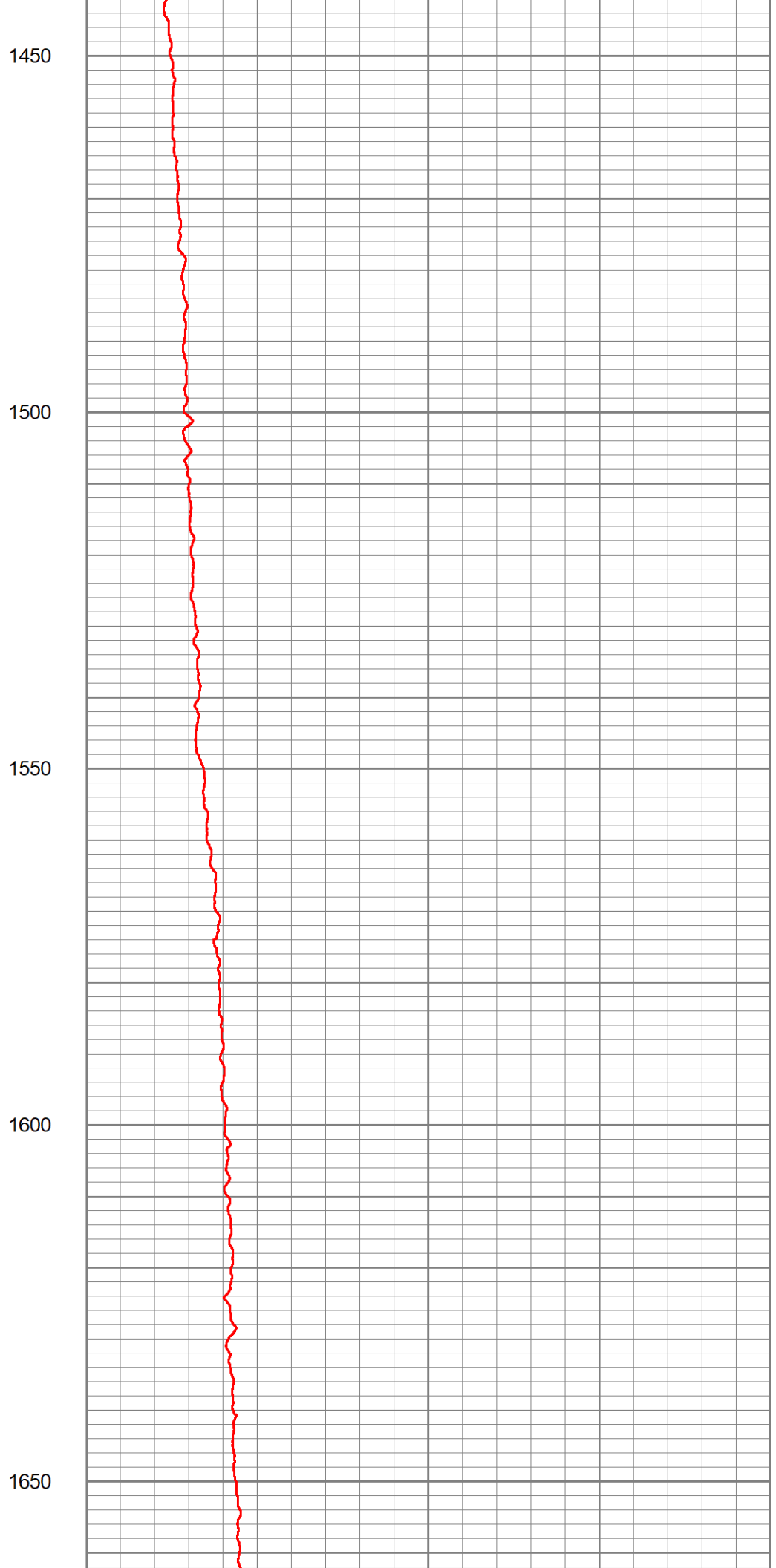
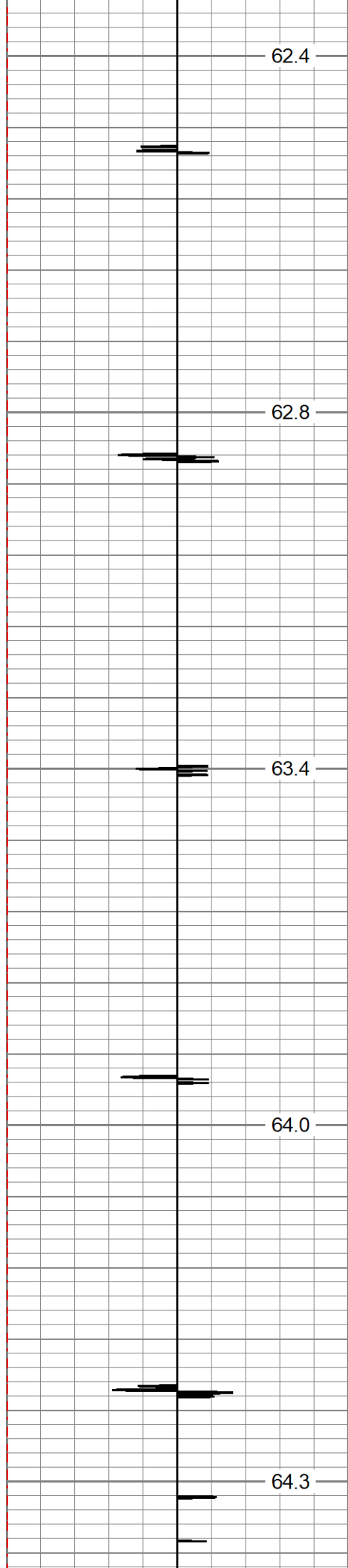
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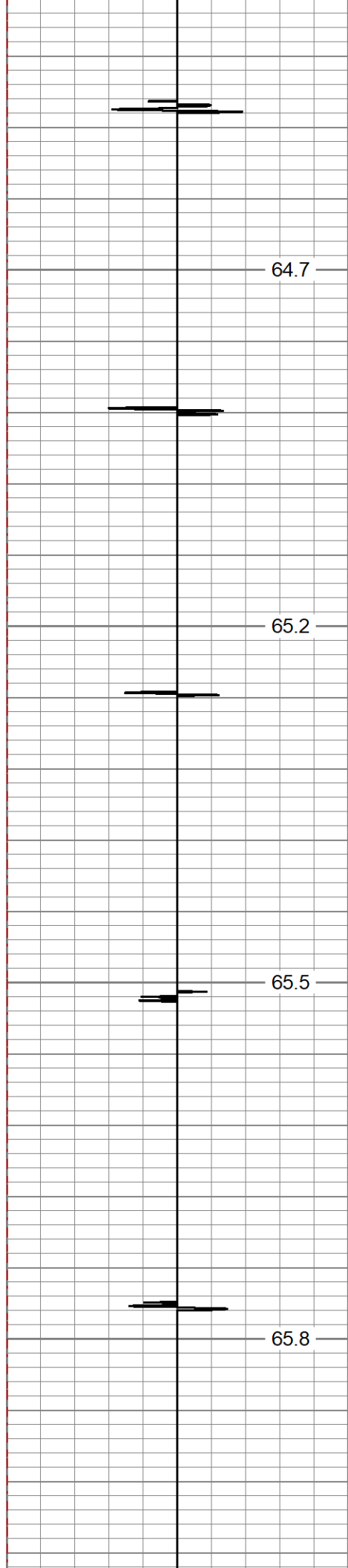
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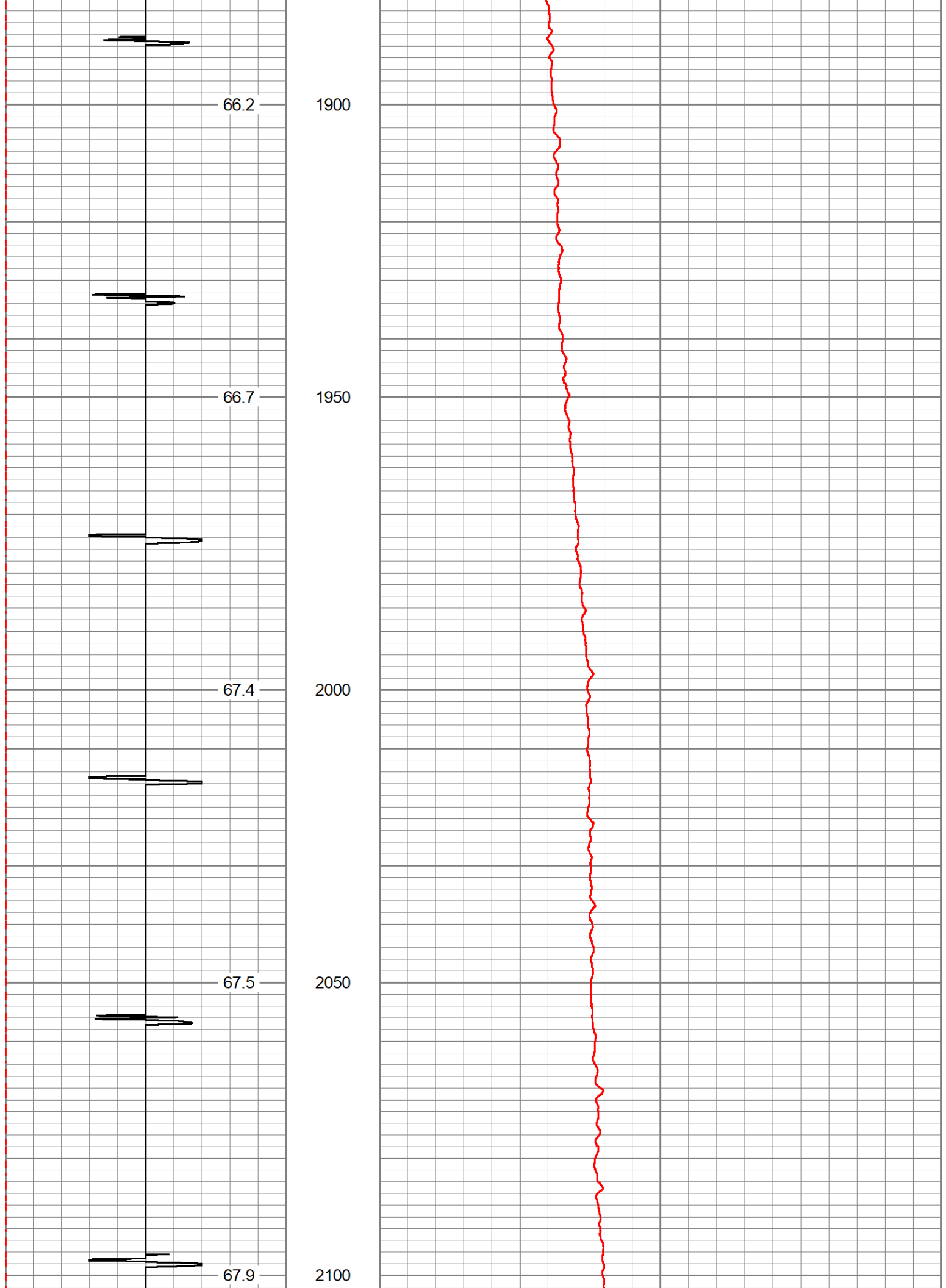
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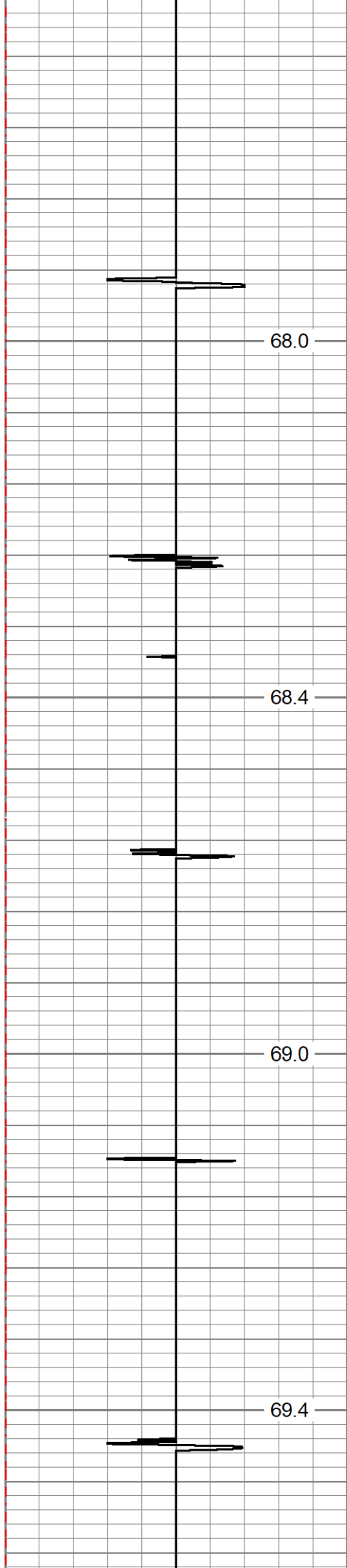
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68.4

69.0

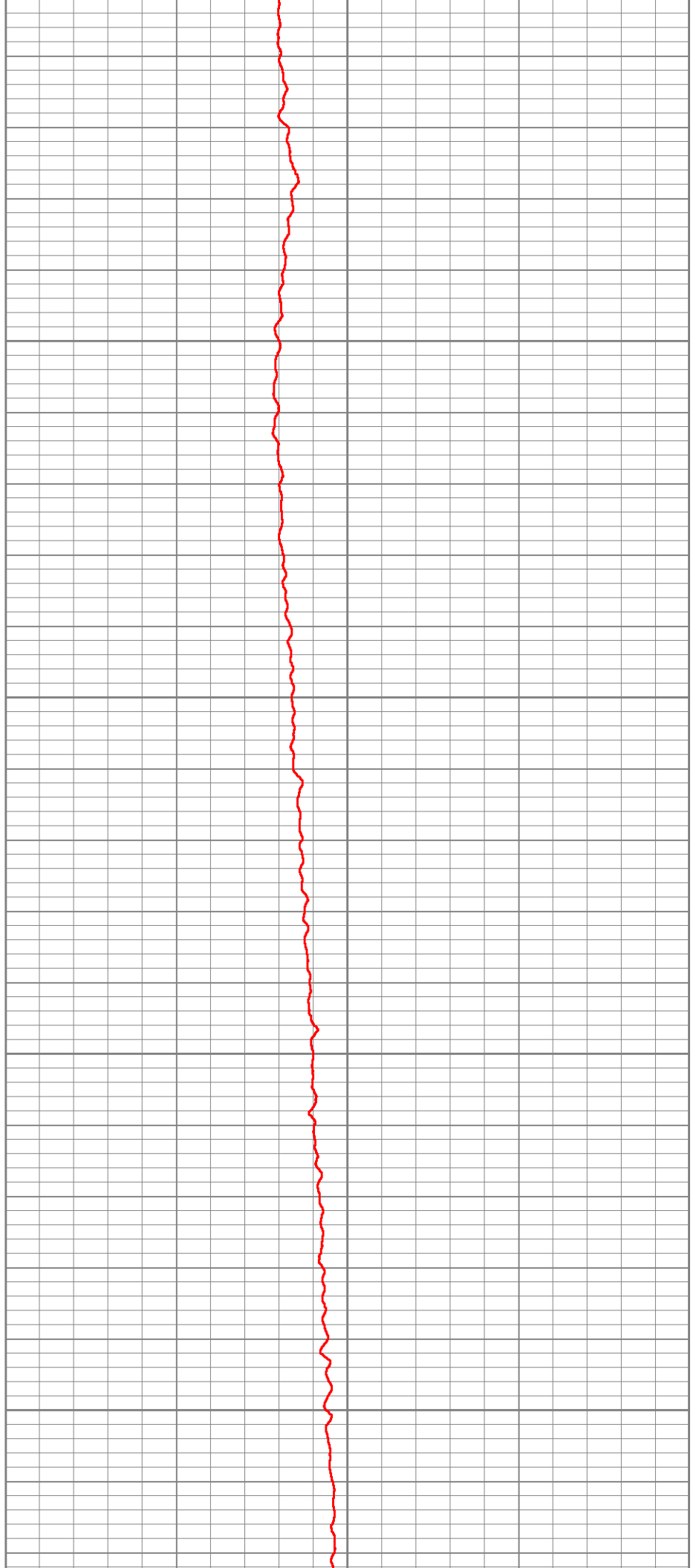
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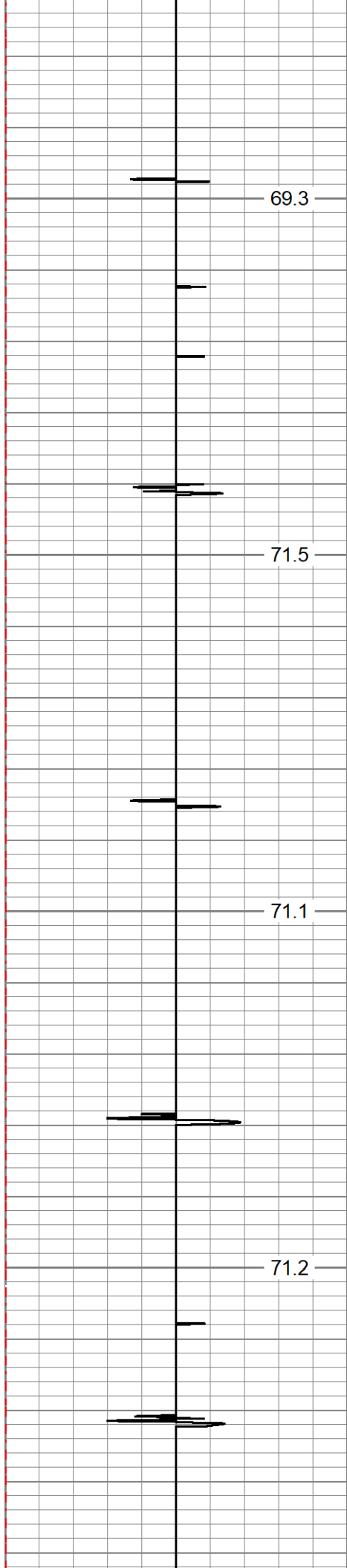
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71.5

71.1

71.2

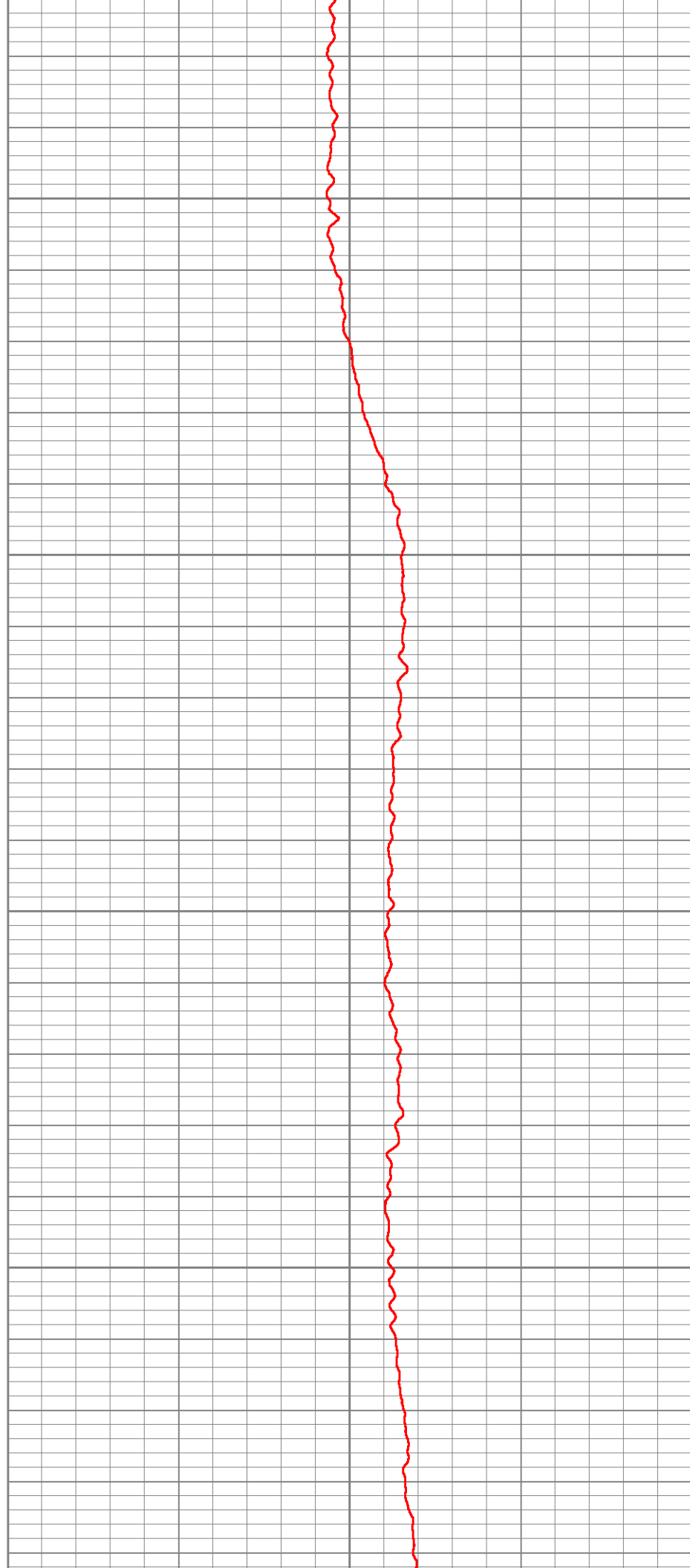
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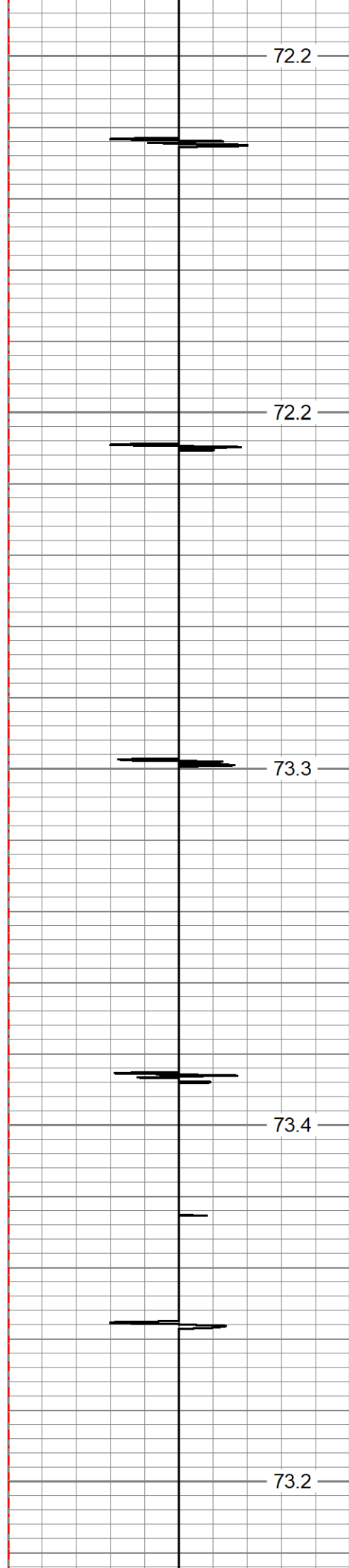
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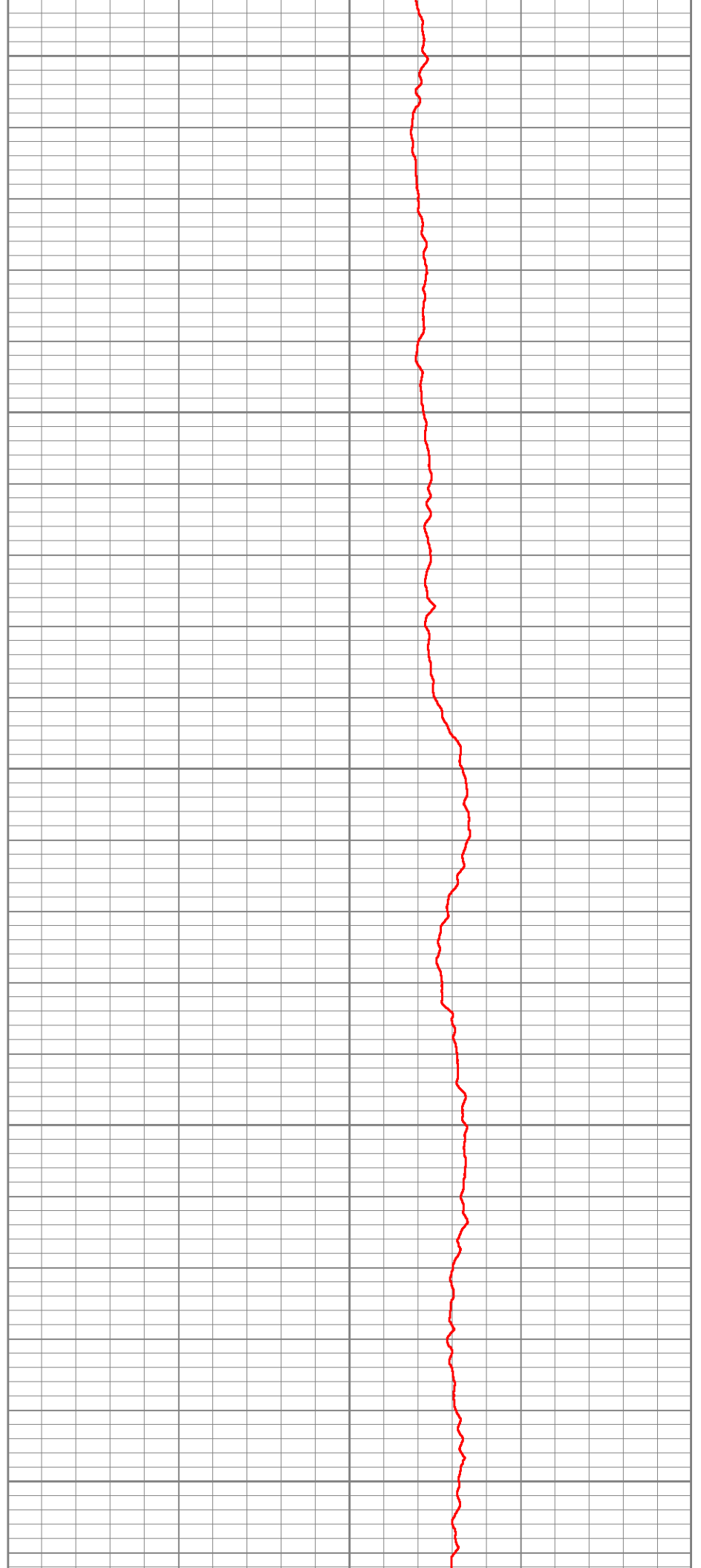
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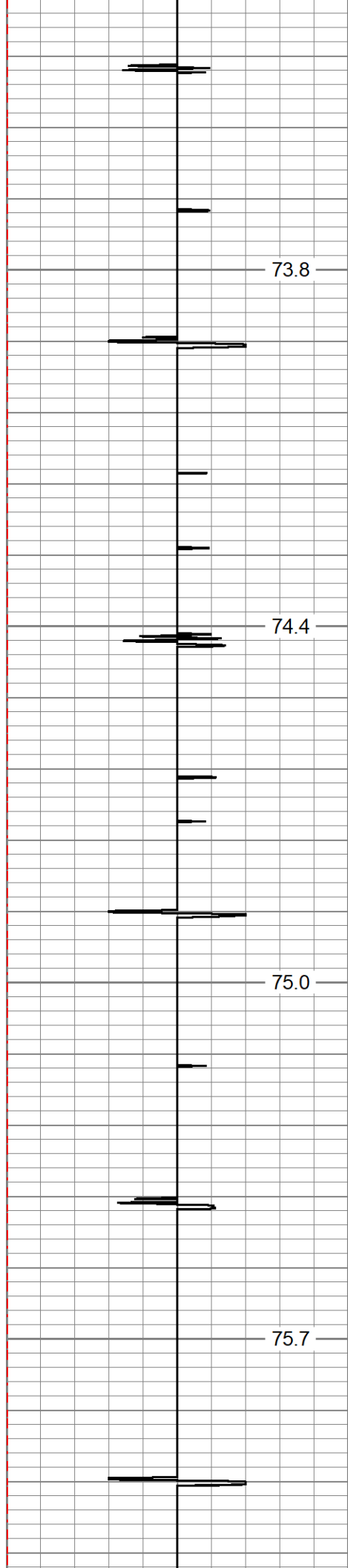
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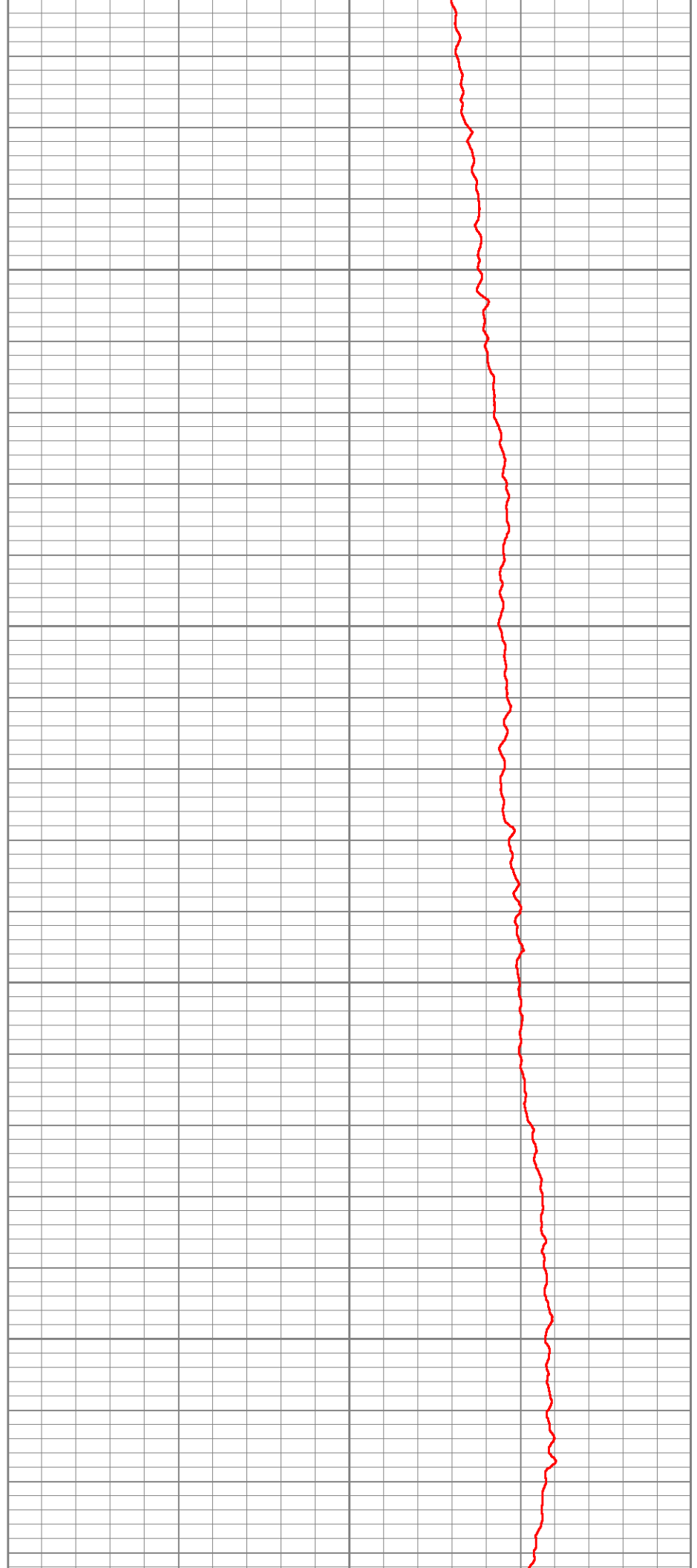
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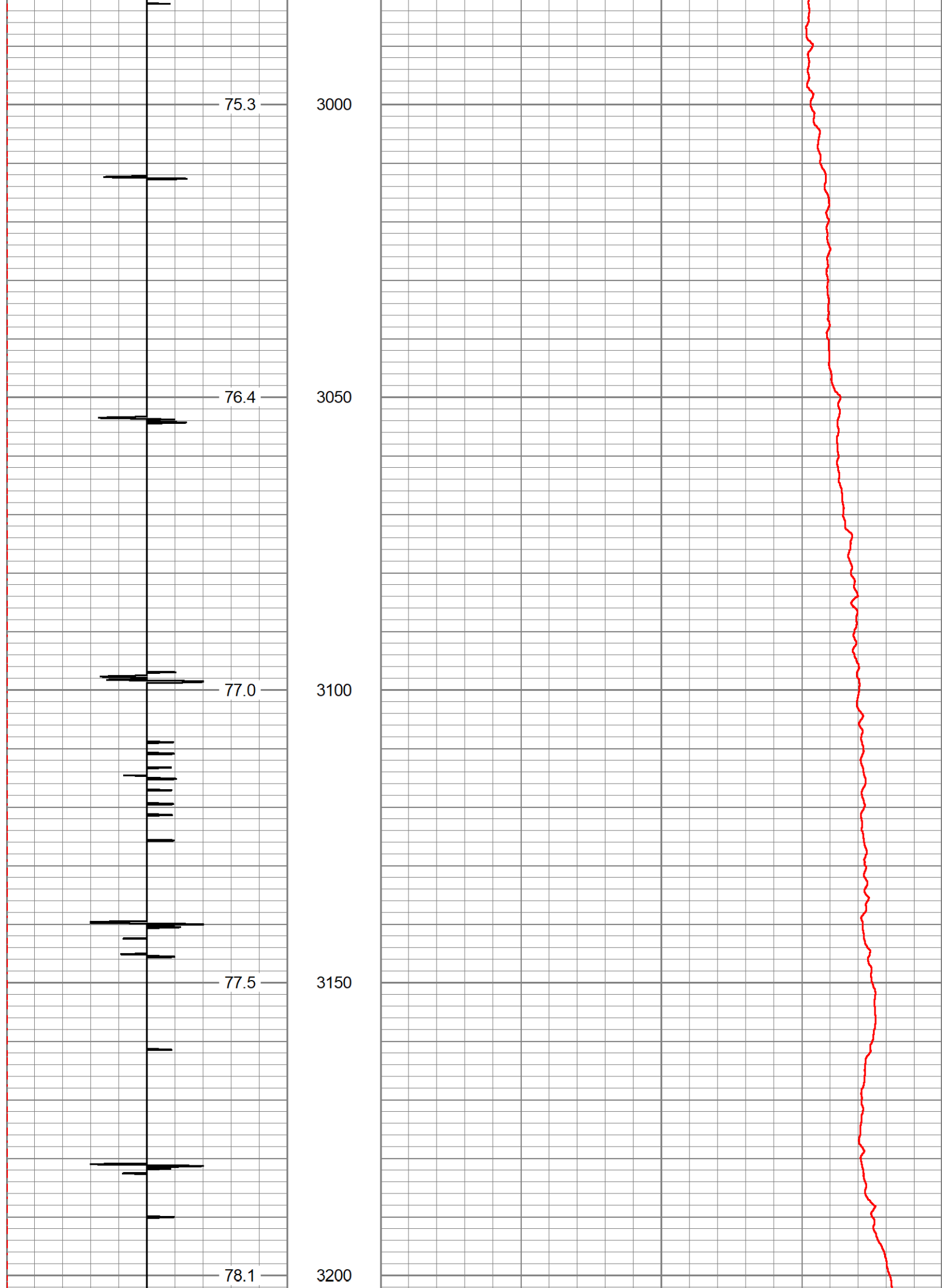
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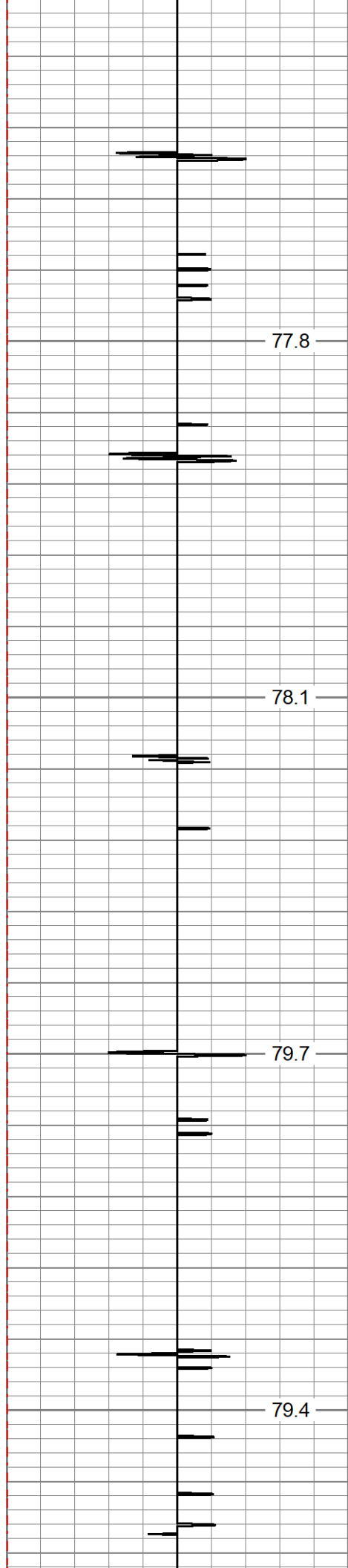
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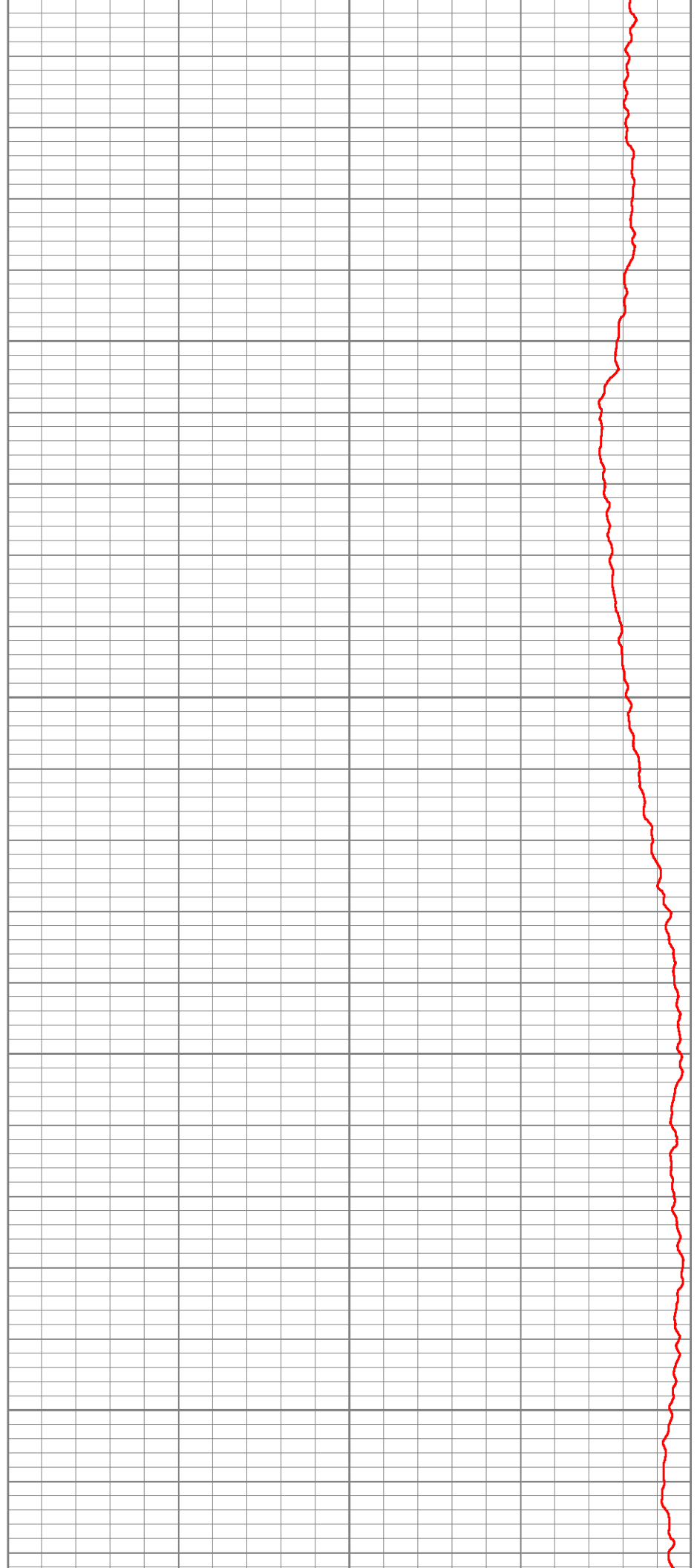
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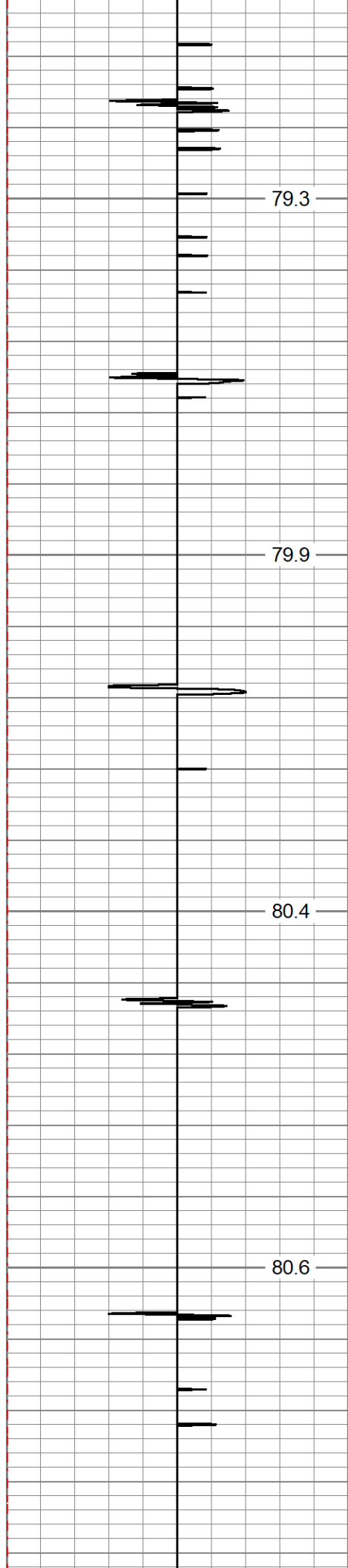
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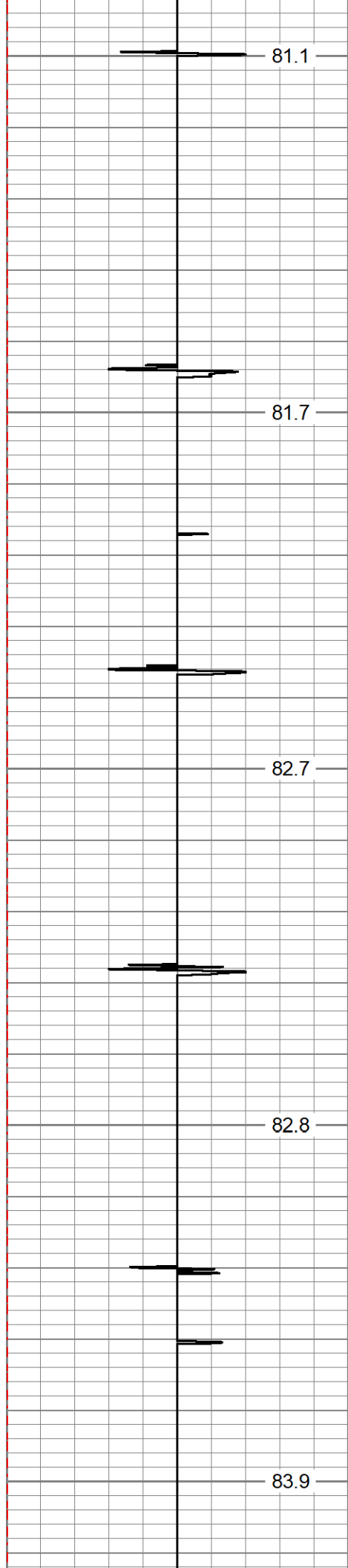


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3600



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81.7

82.7

82.8

83.9

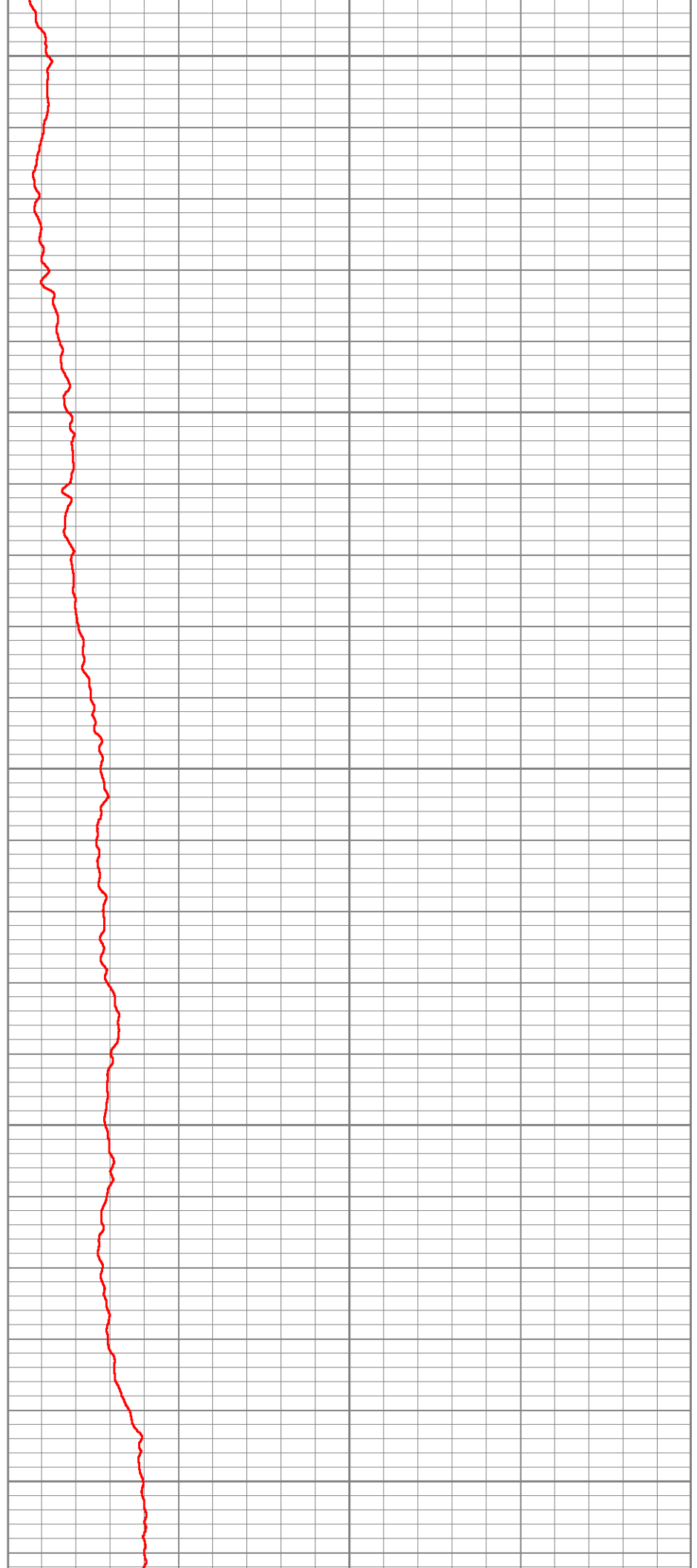
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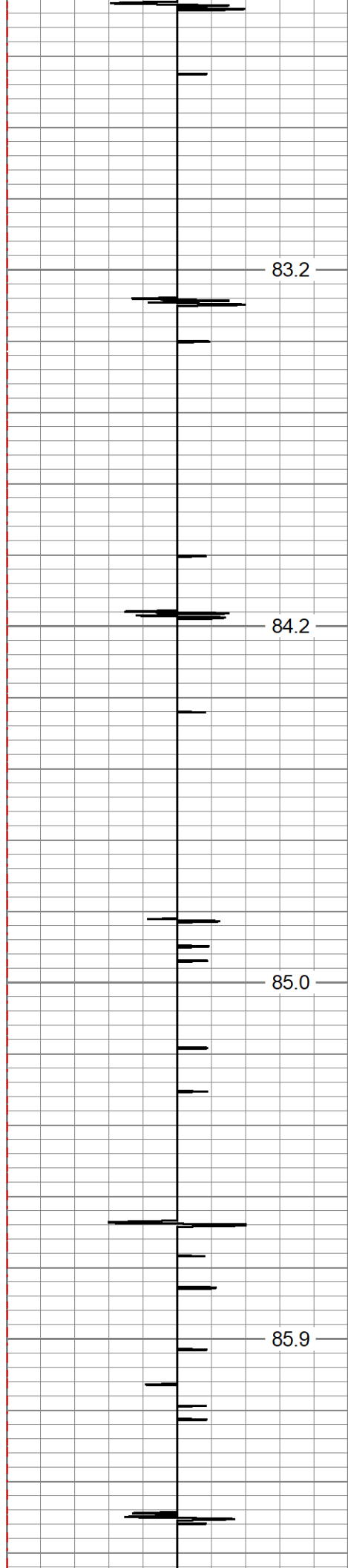
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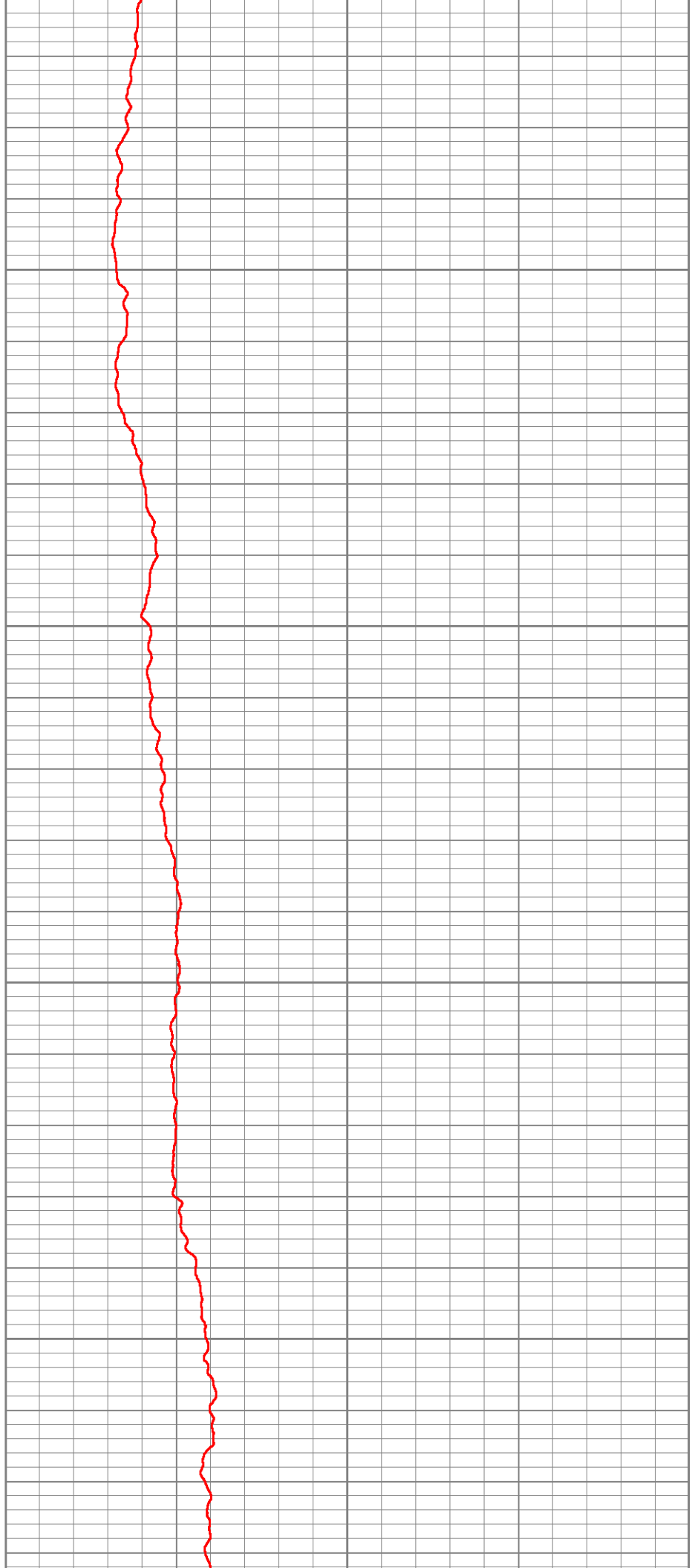


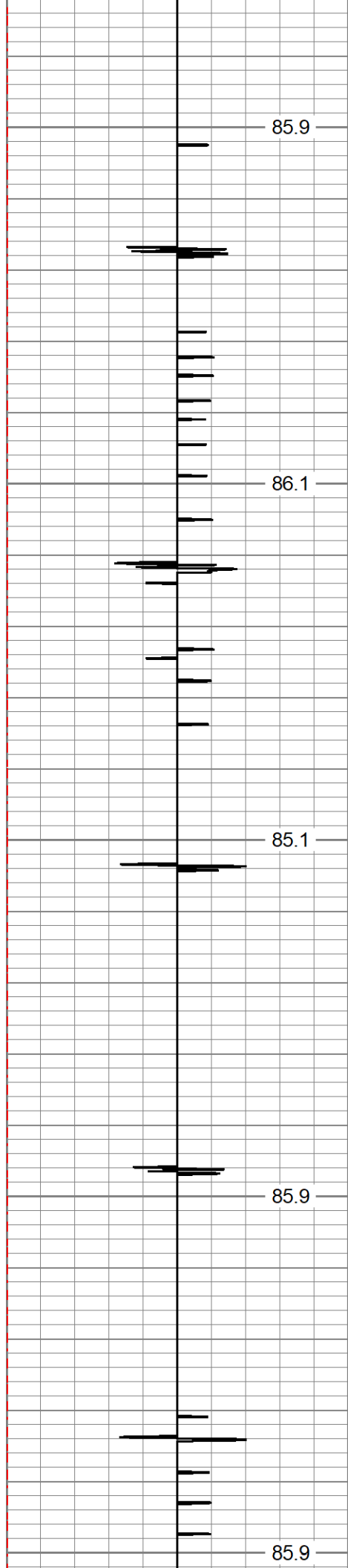
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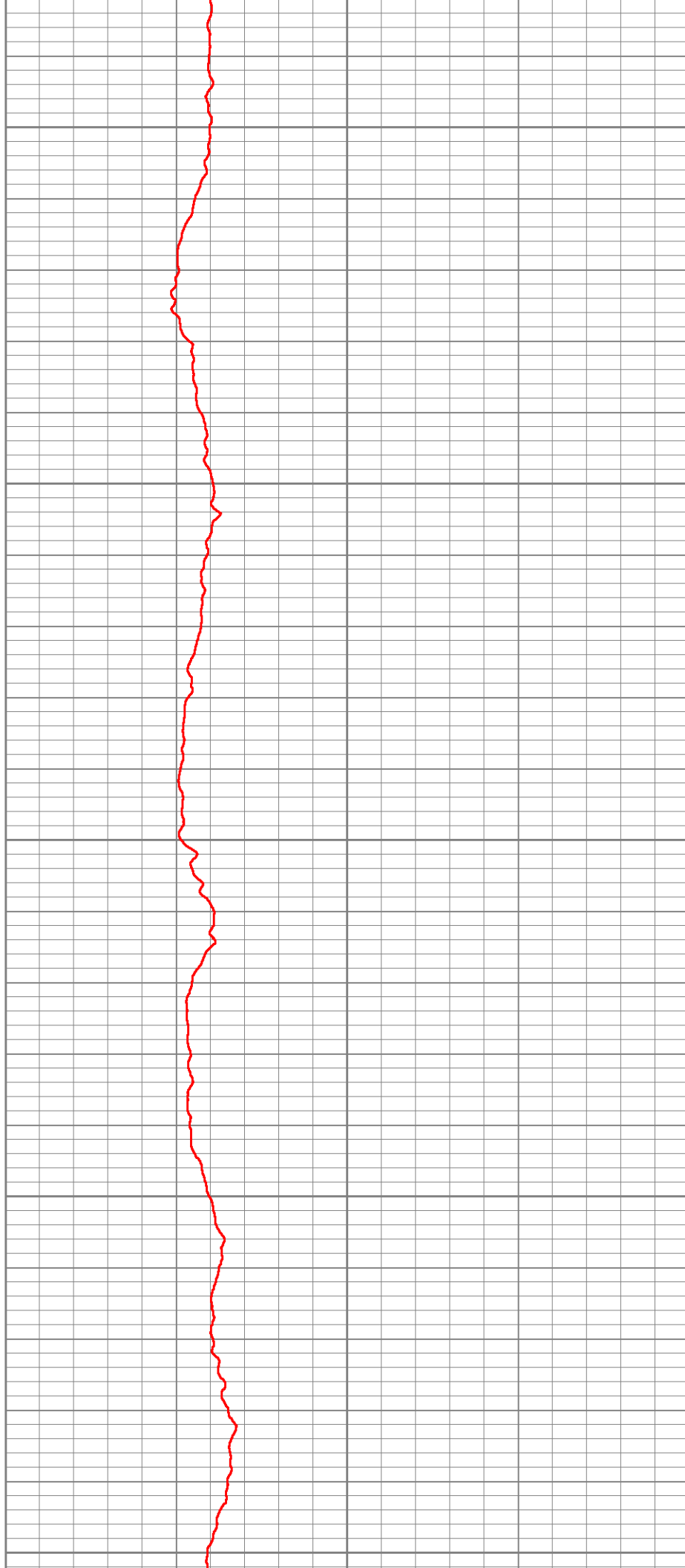
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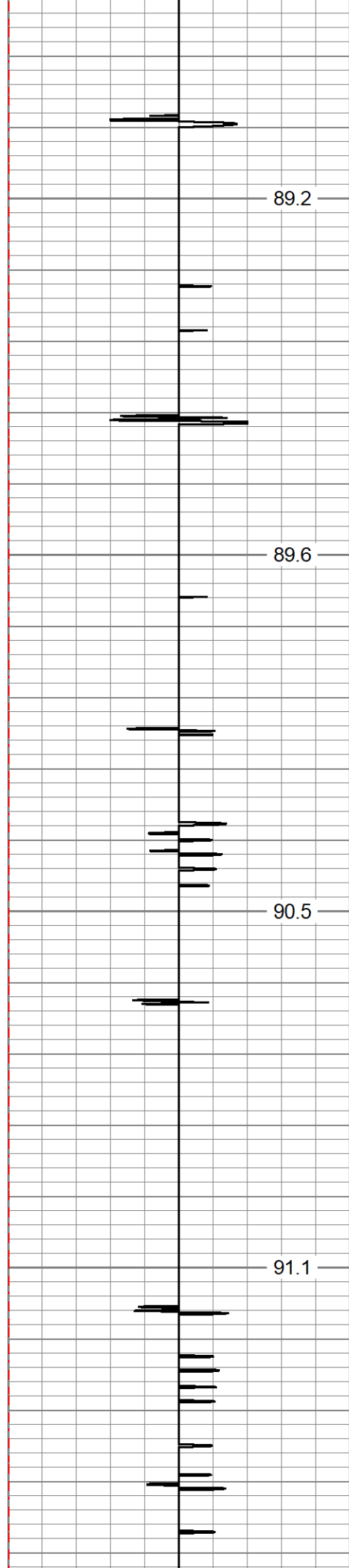
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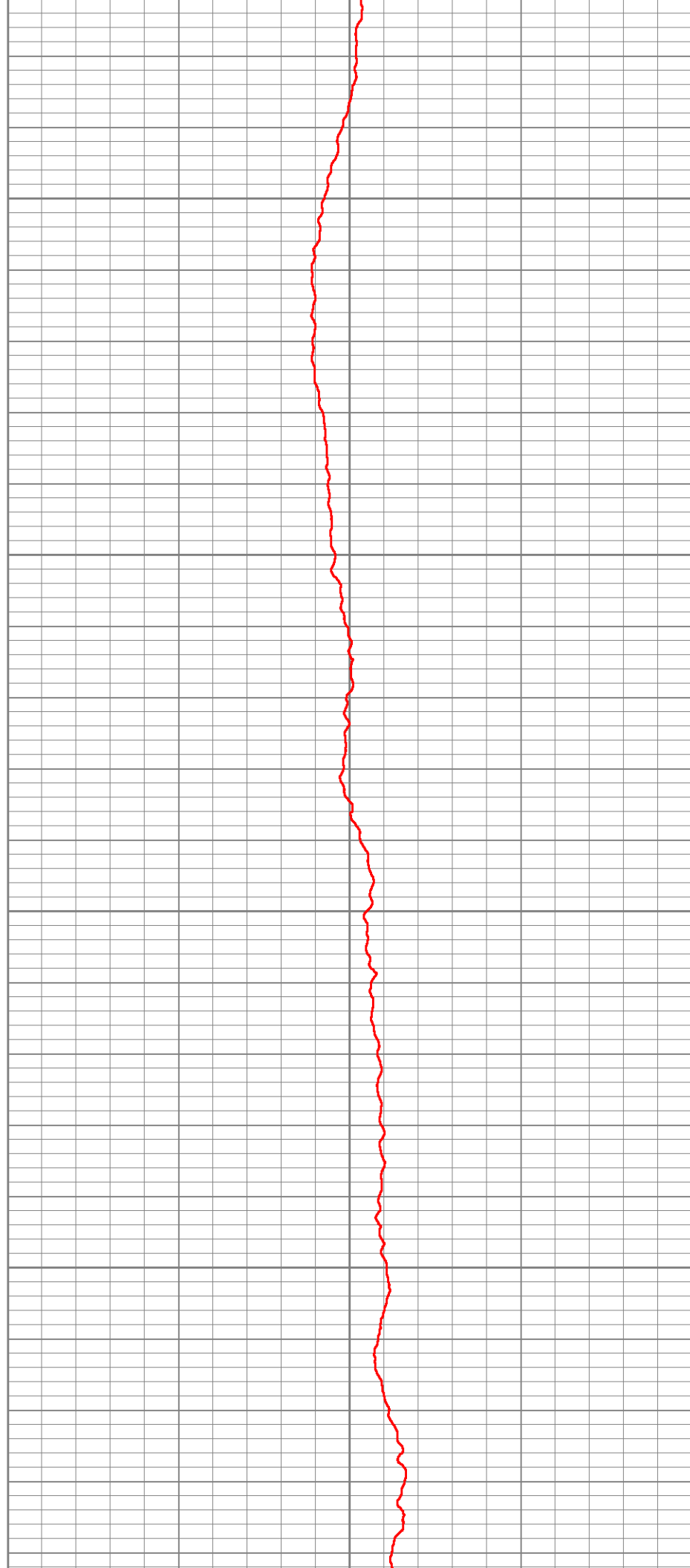


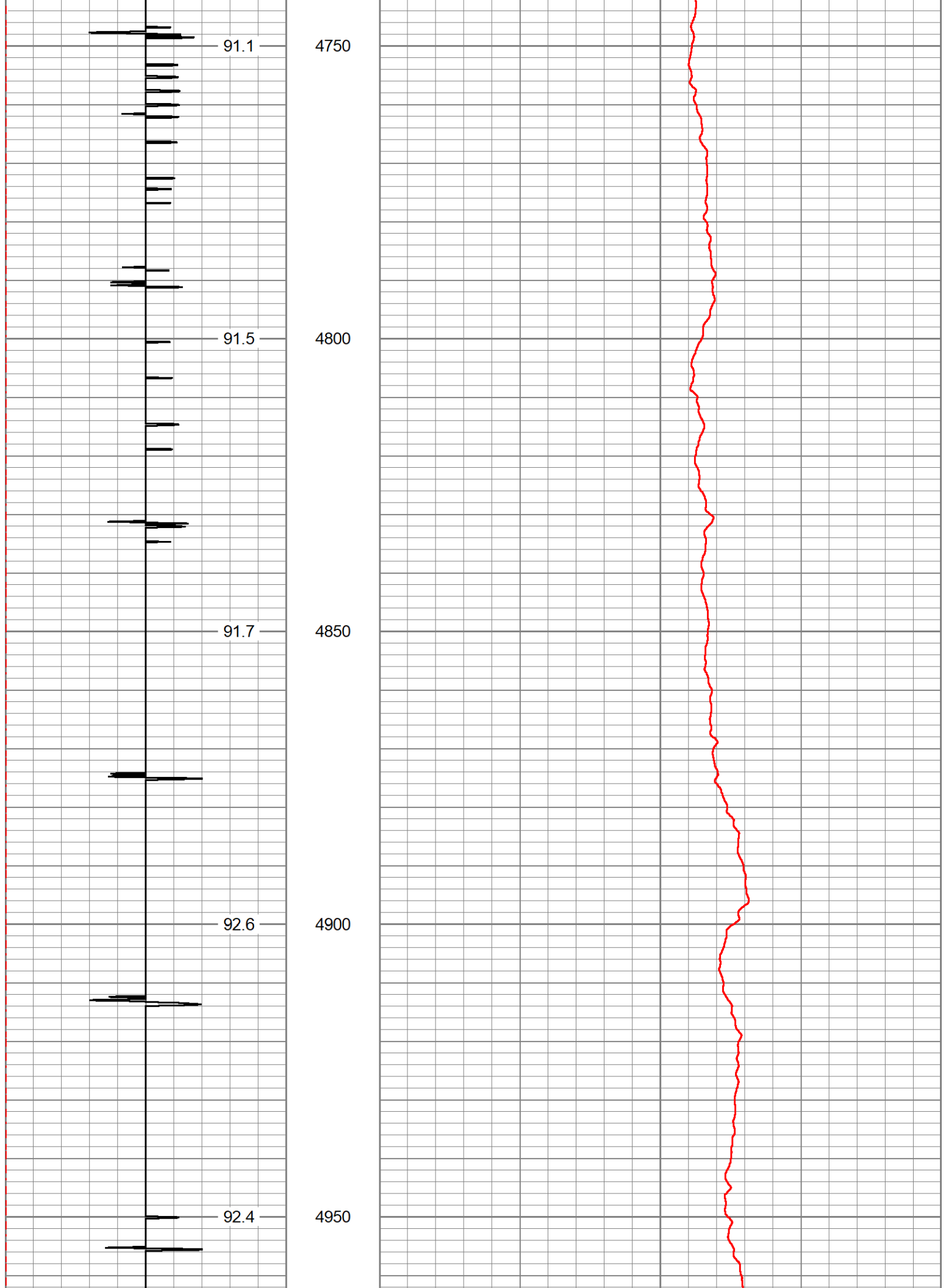
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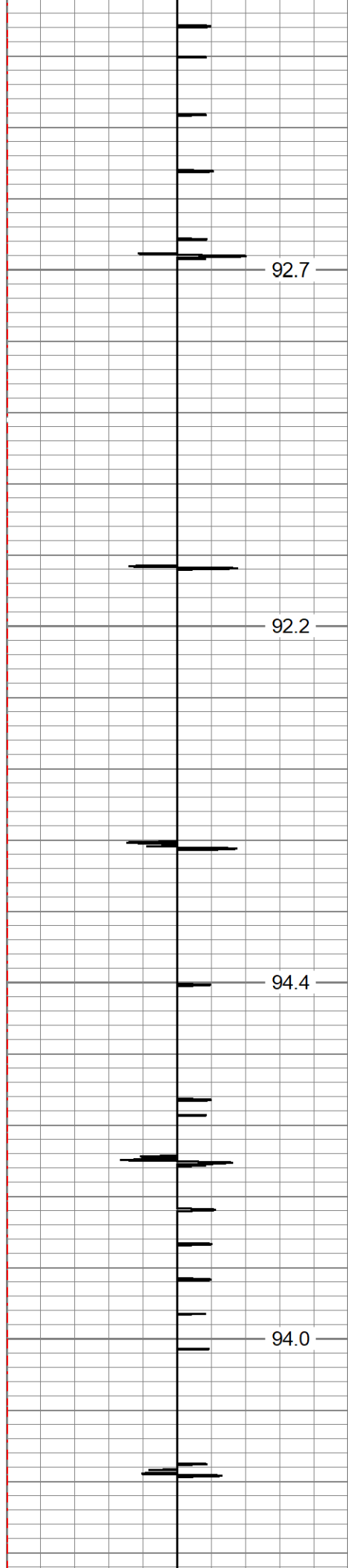
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92.7

92.2

94.4

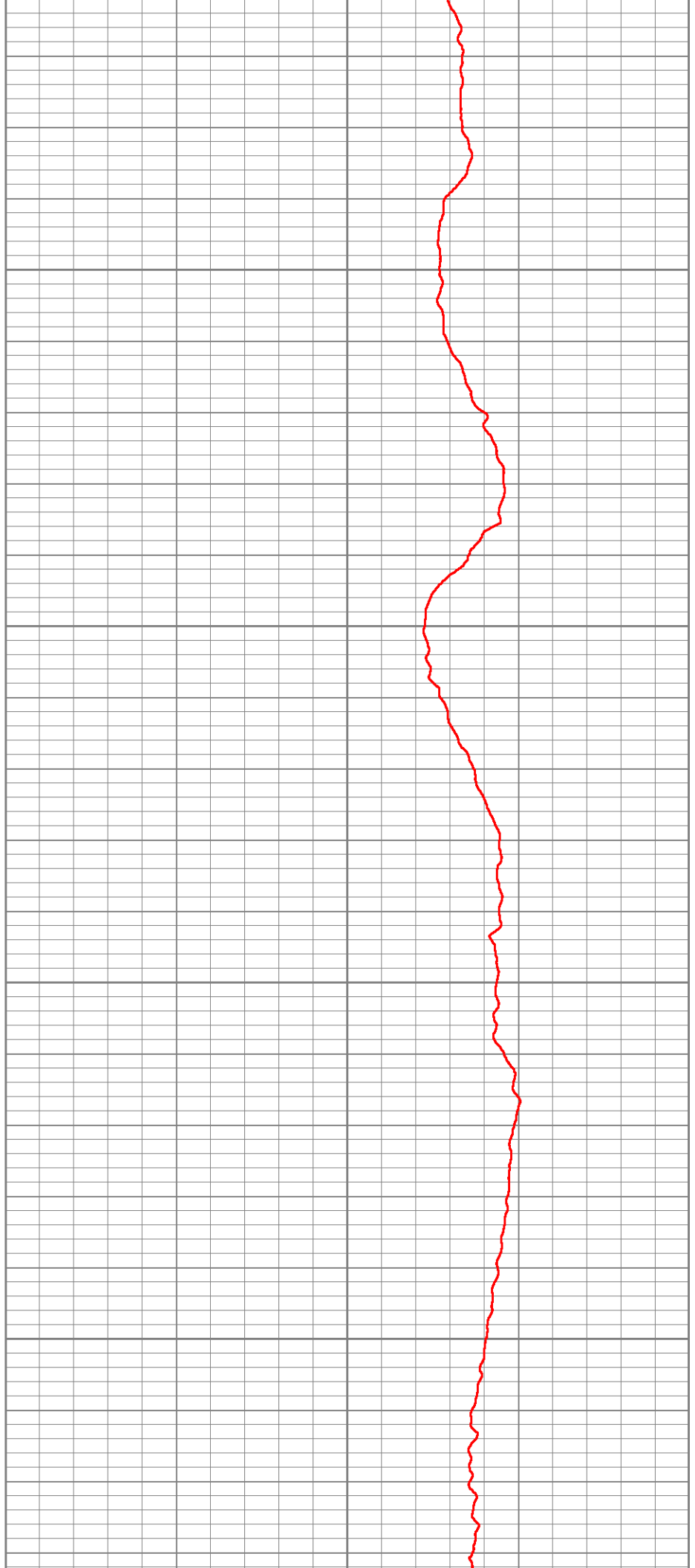
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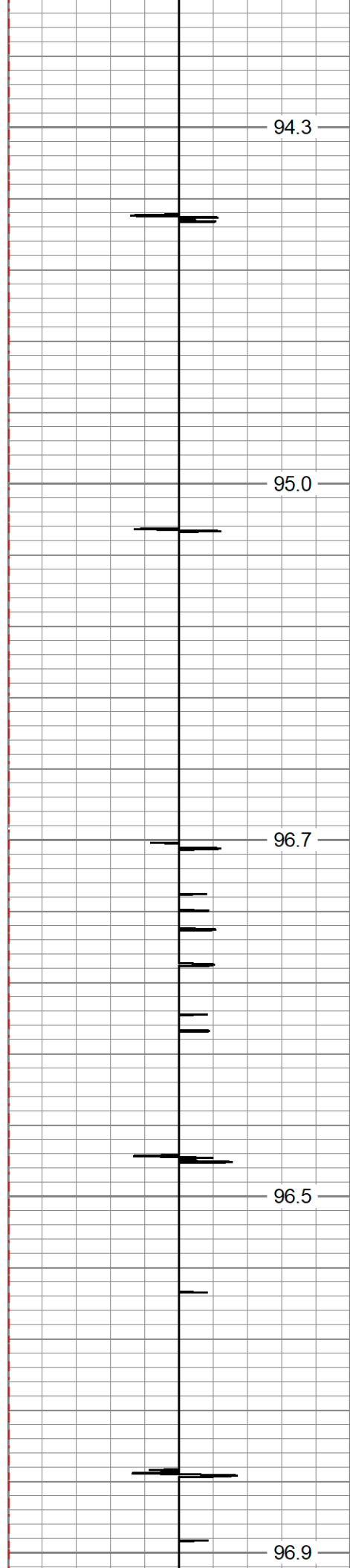
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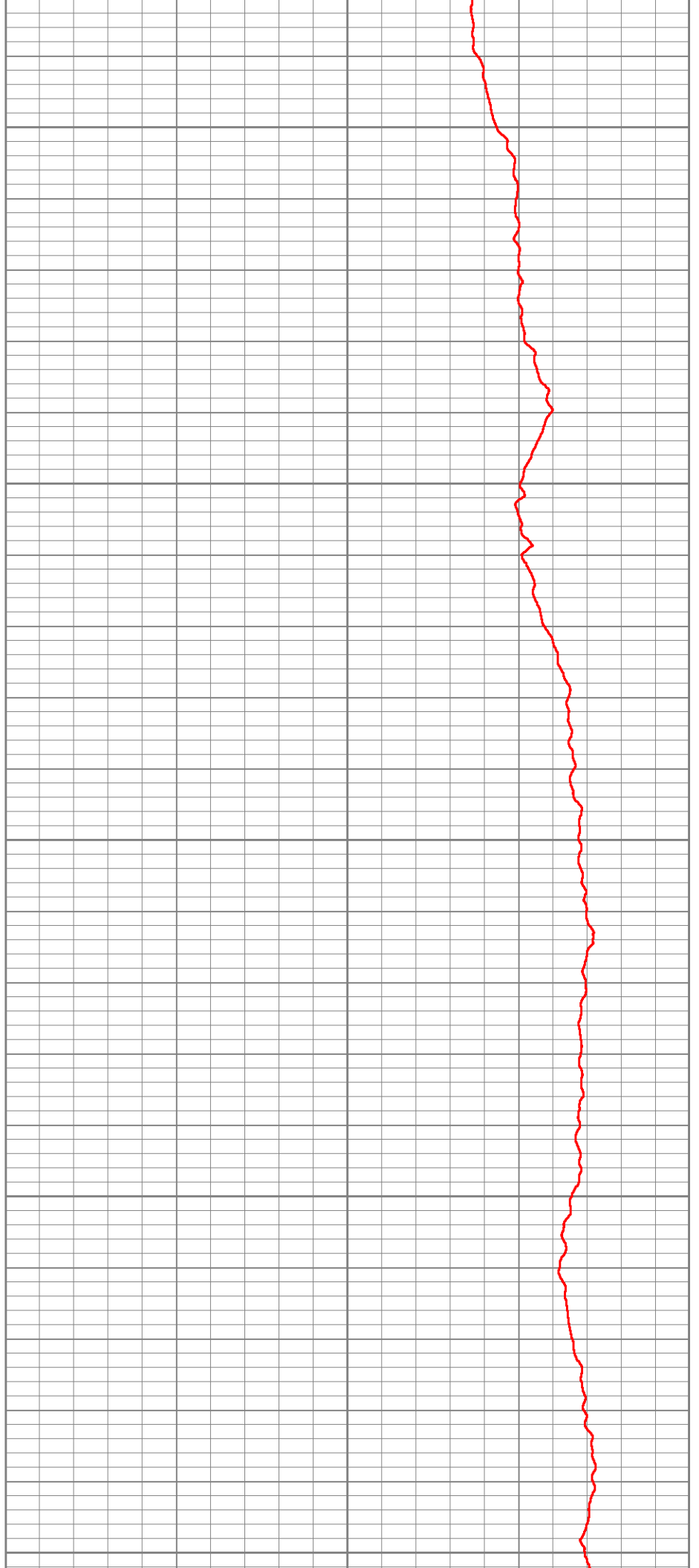
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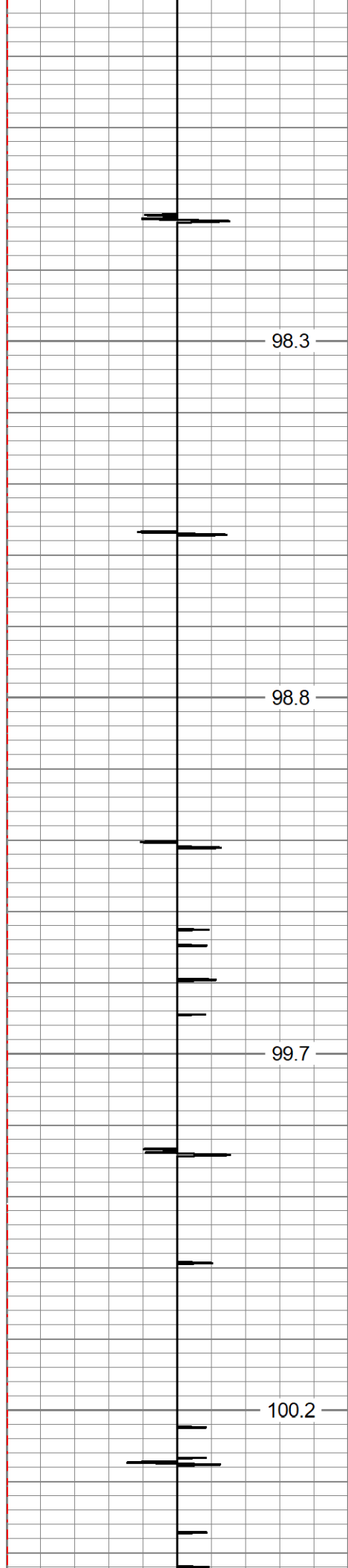
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5400





98.3

98.8

99.7

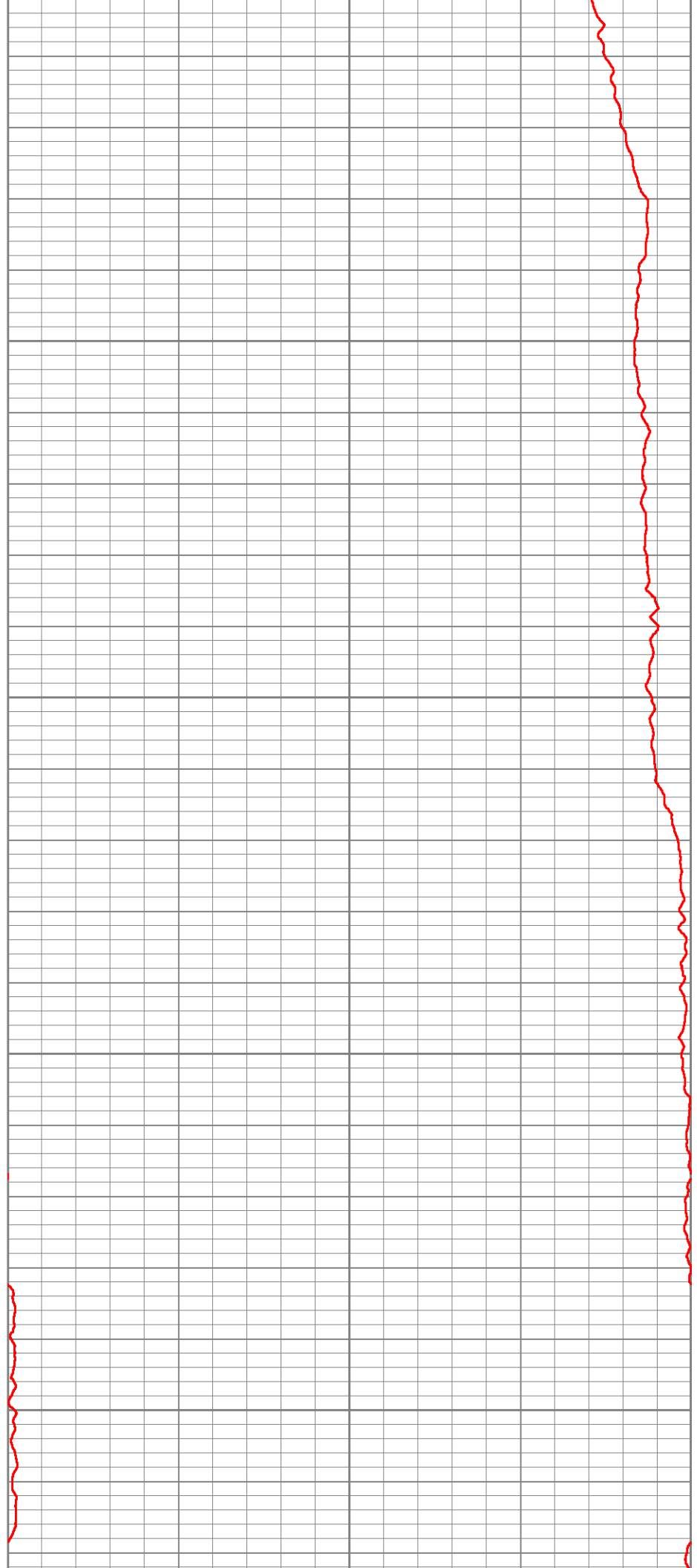
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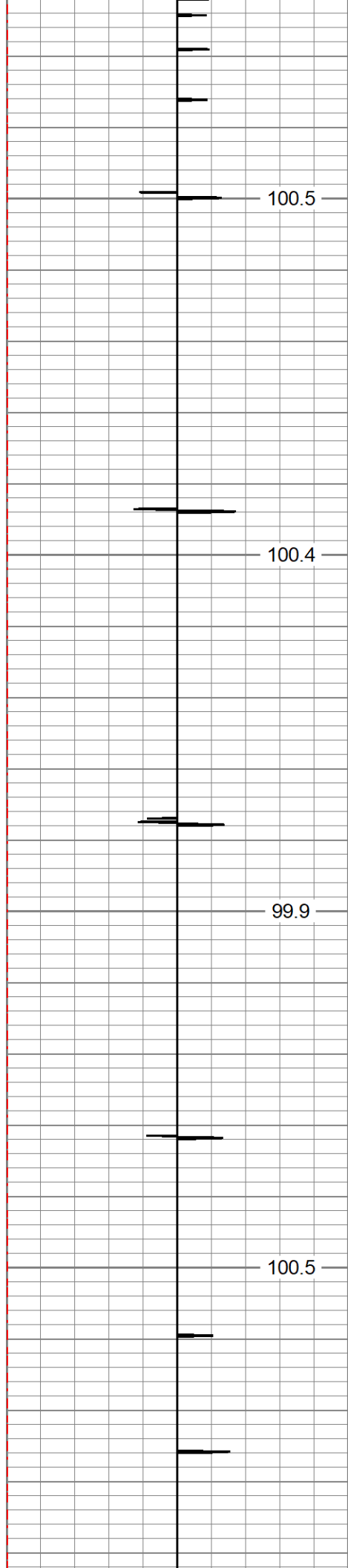
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5600





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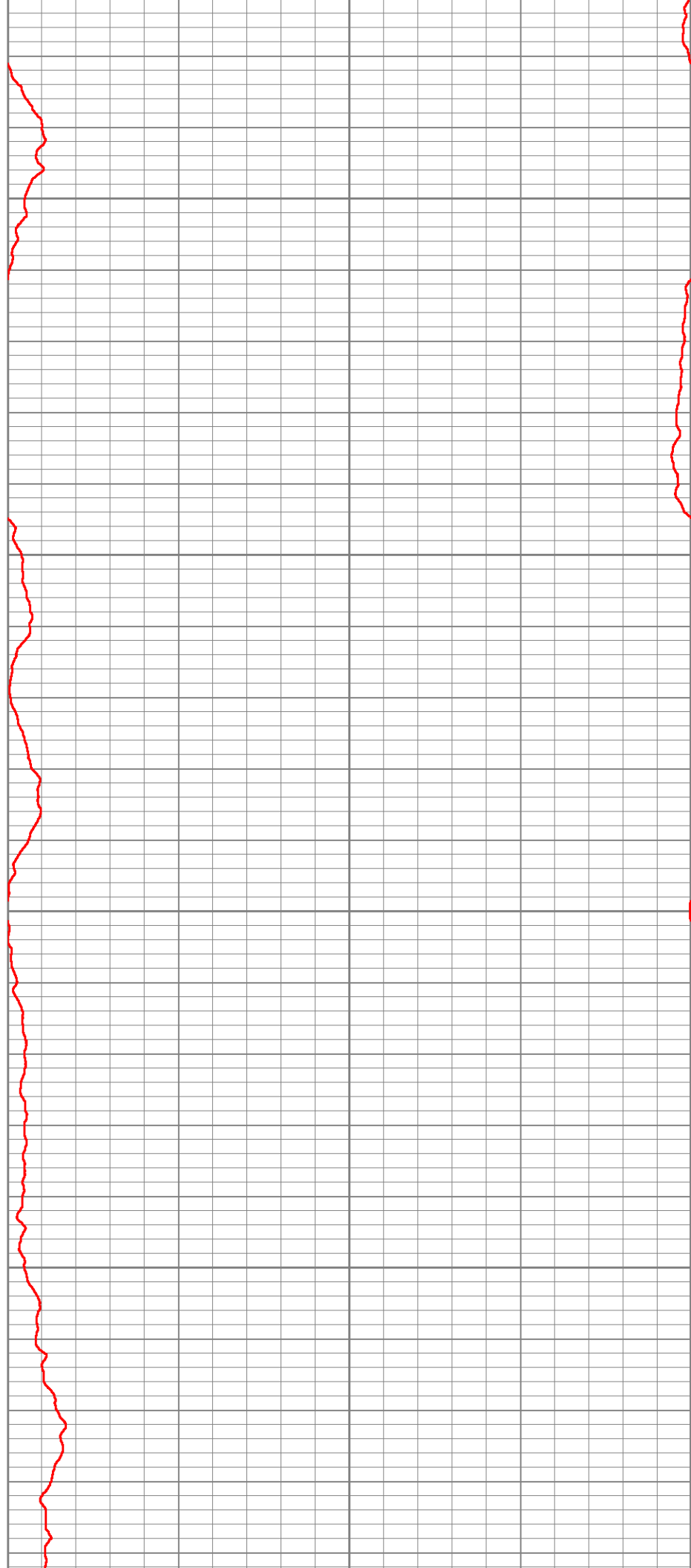
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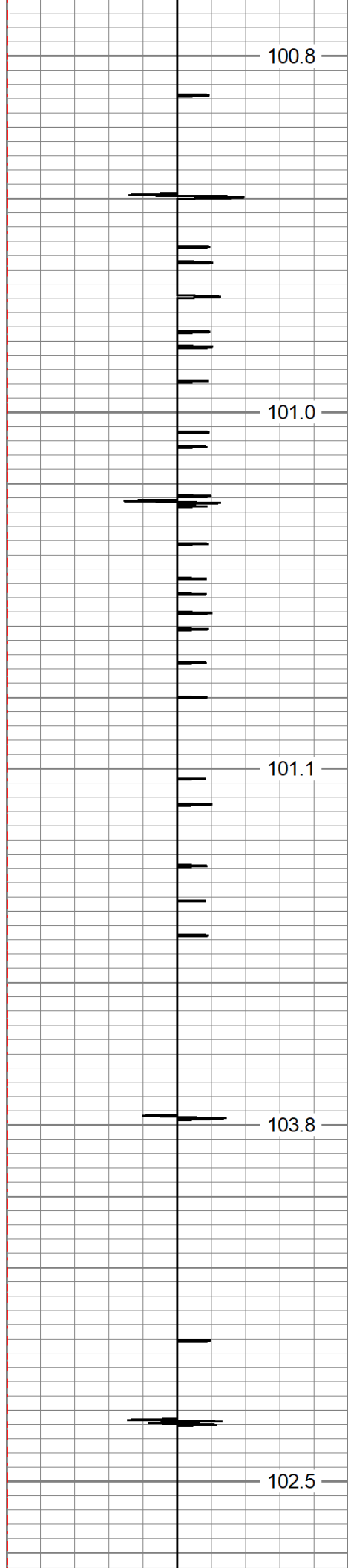
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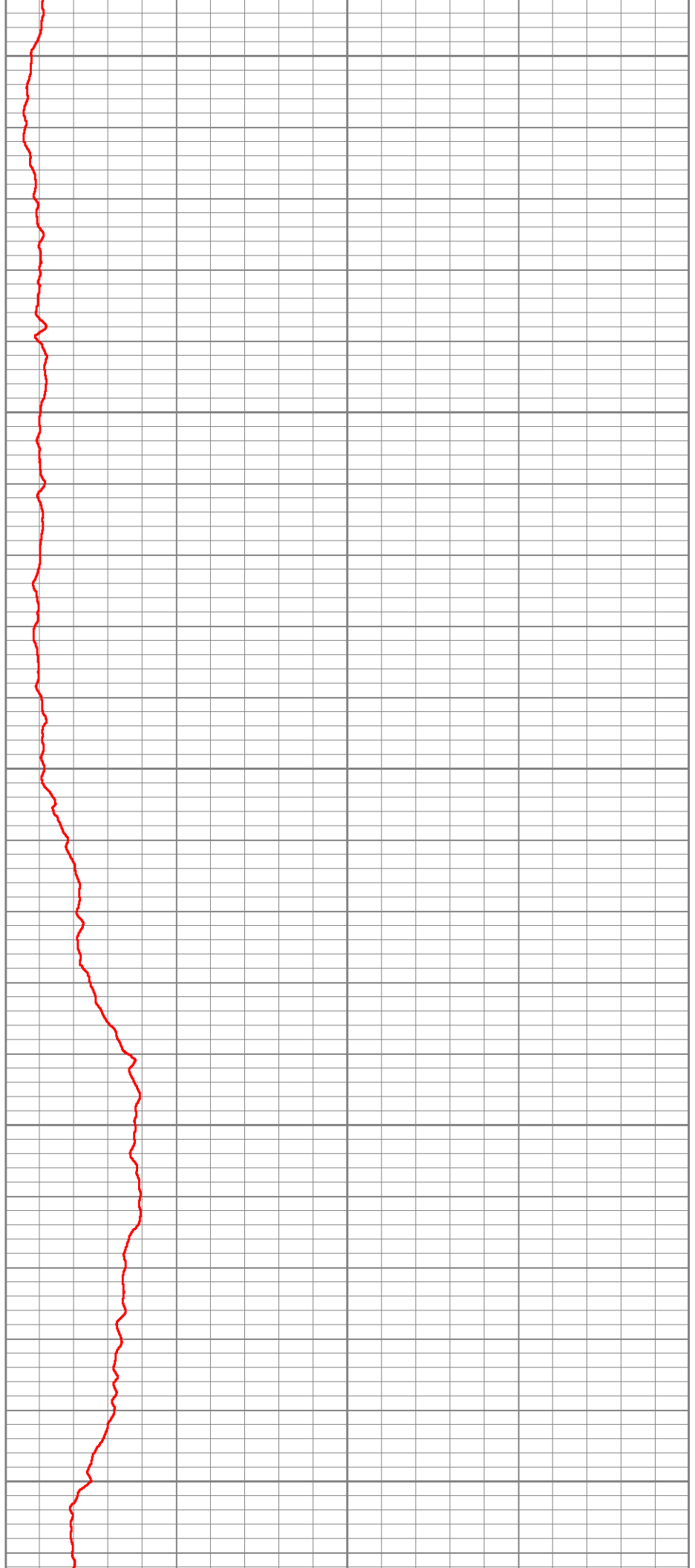
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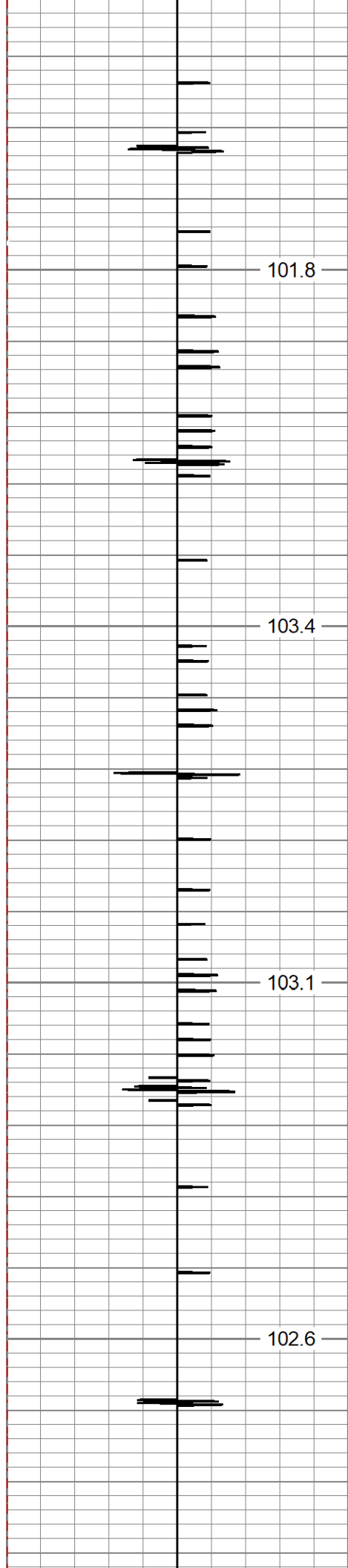
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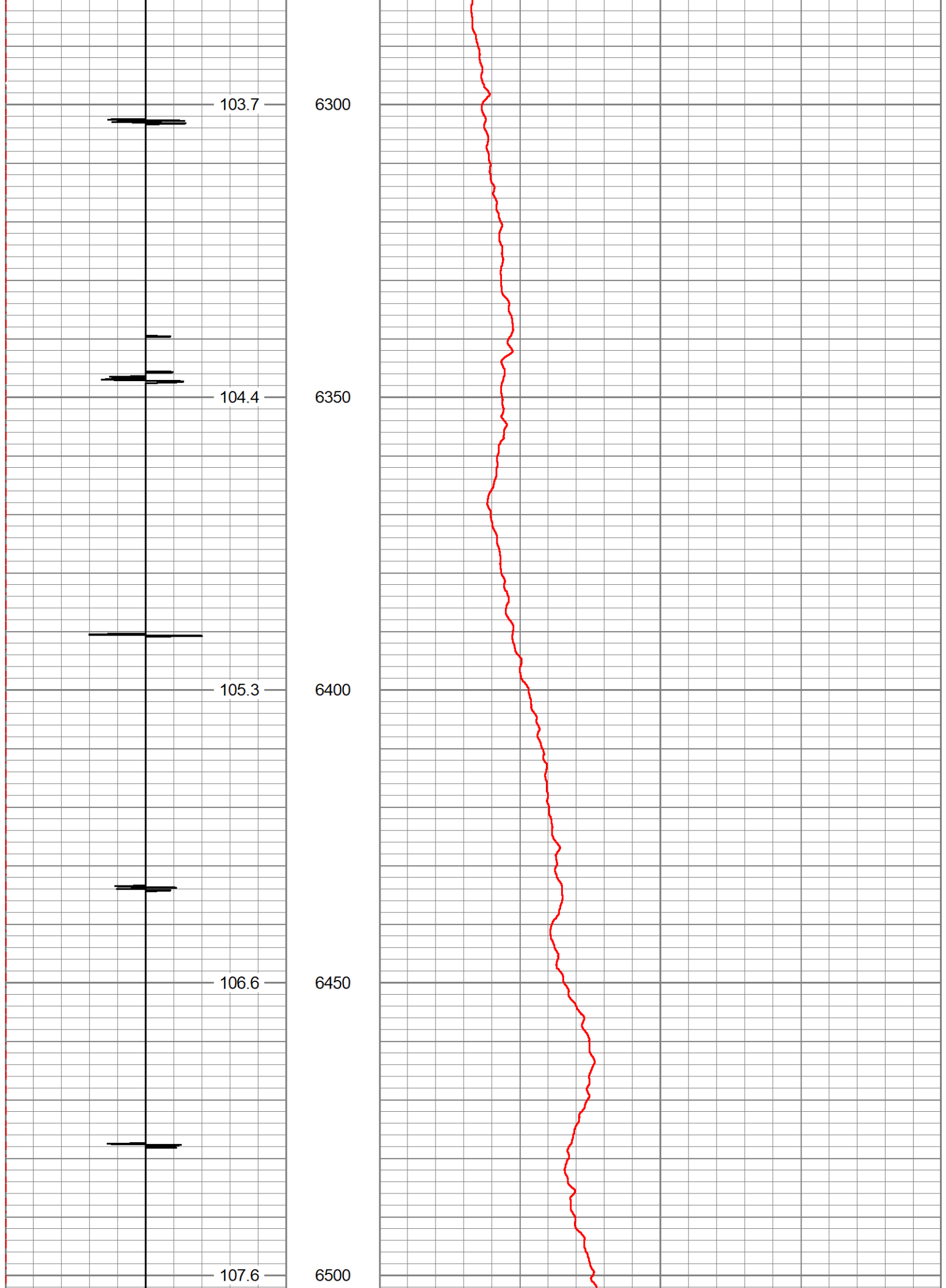
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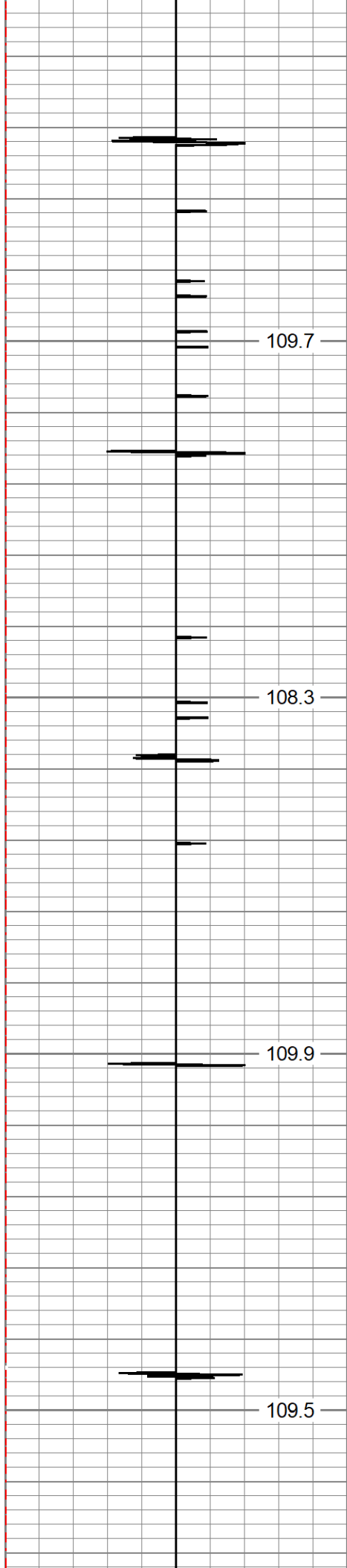
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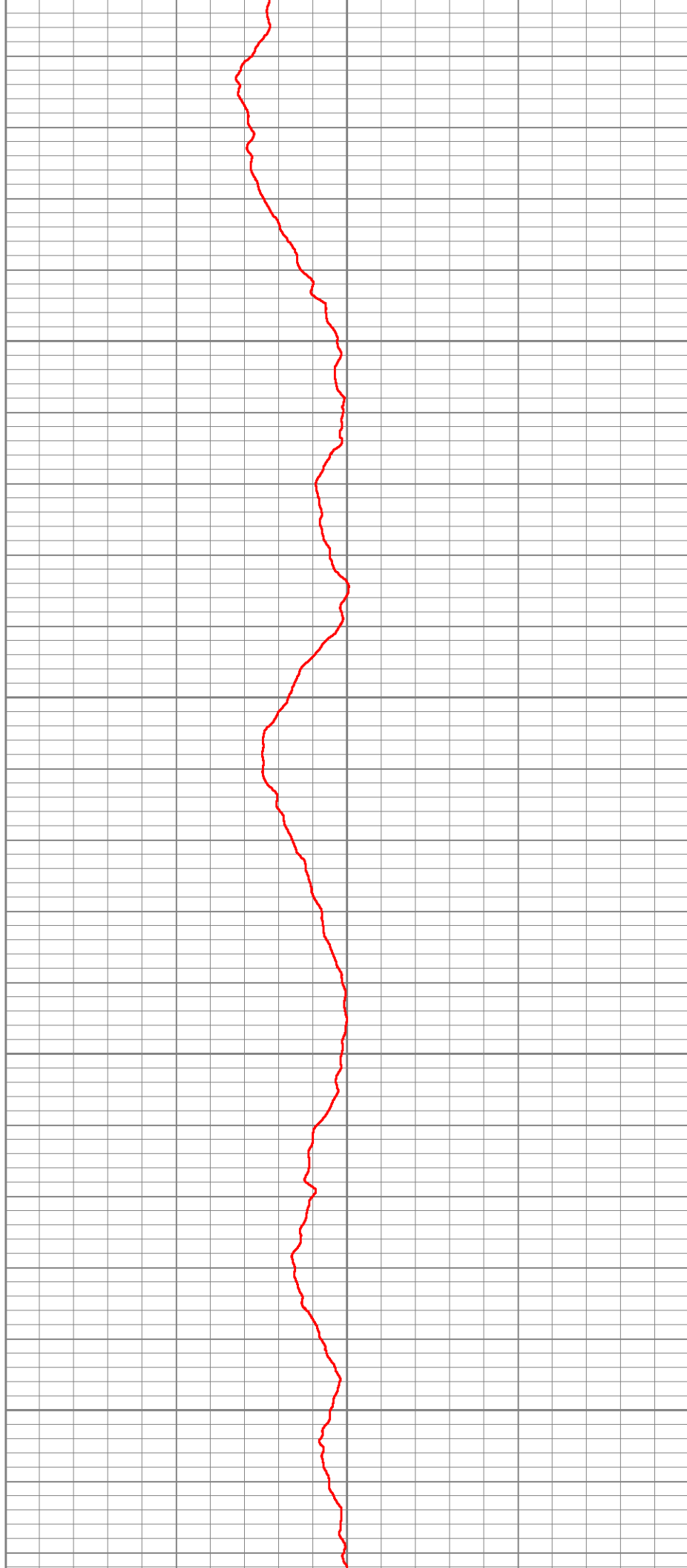


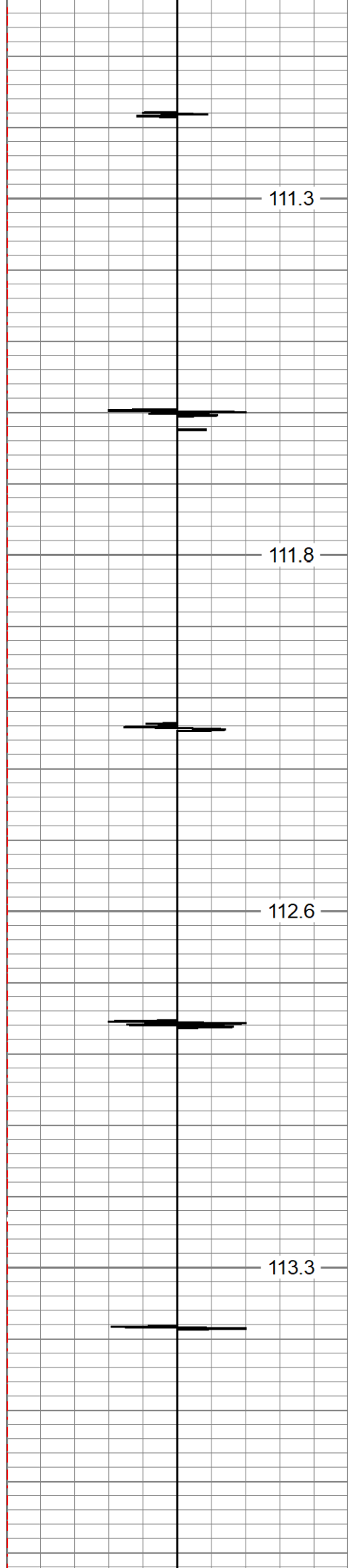
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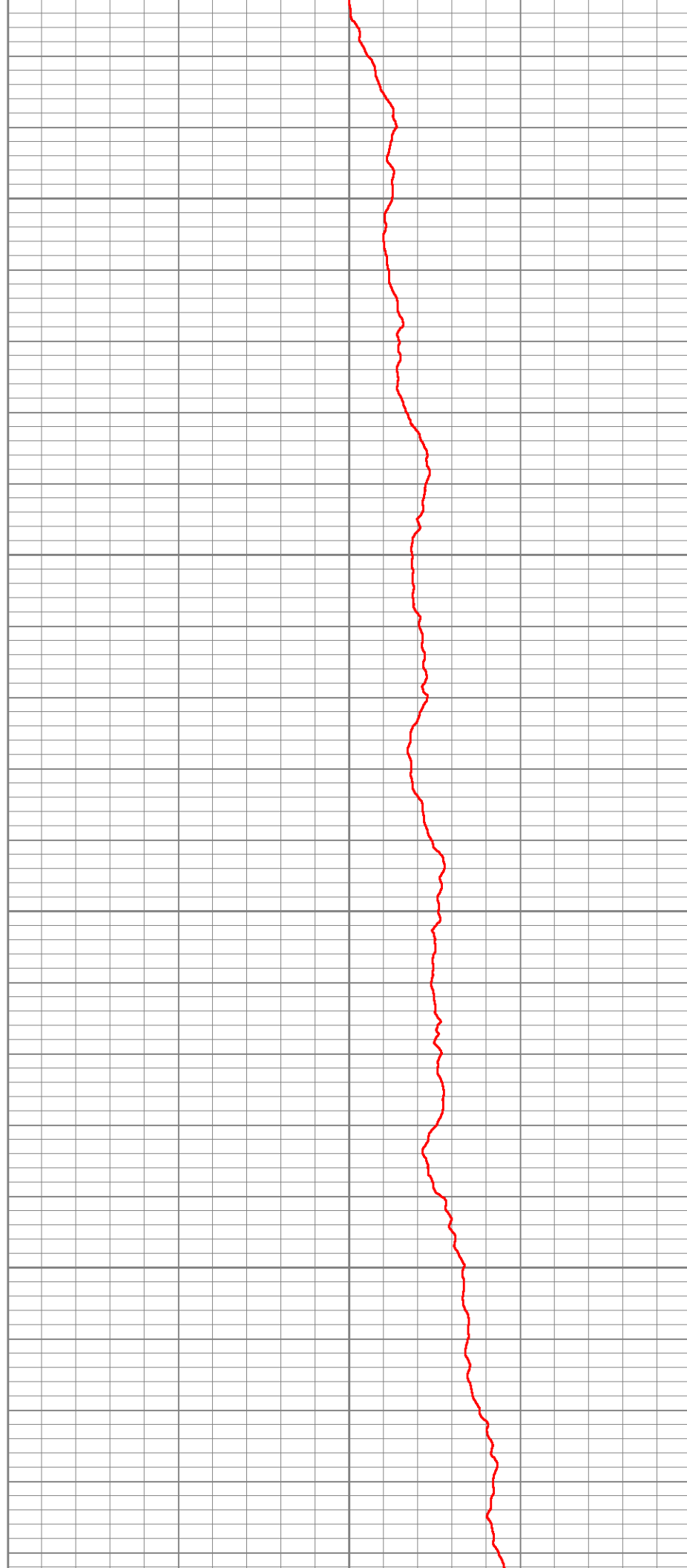
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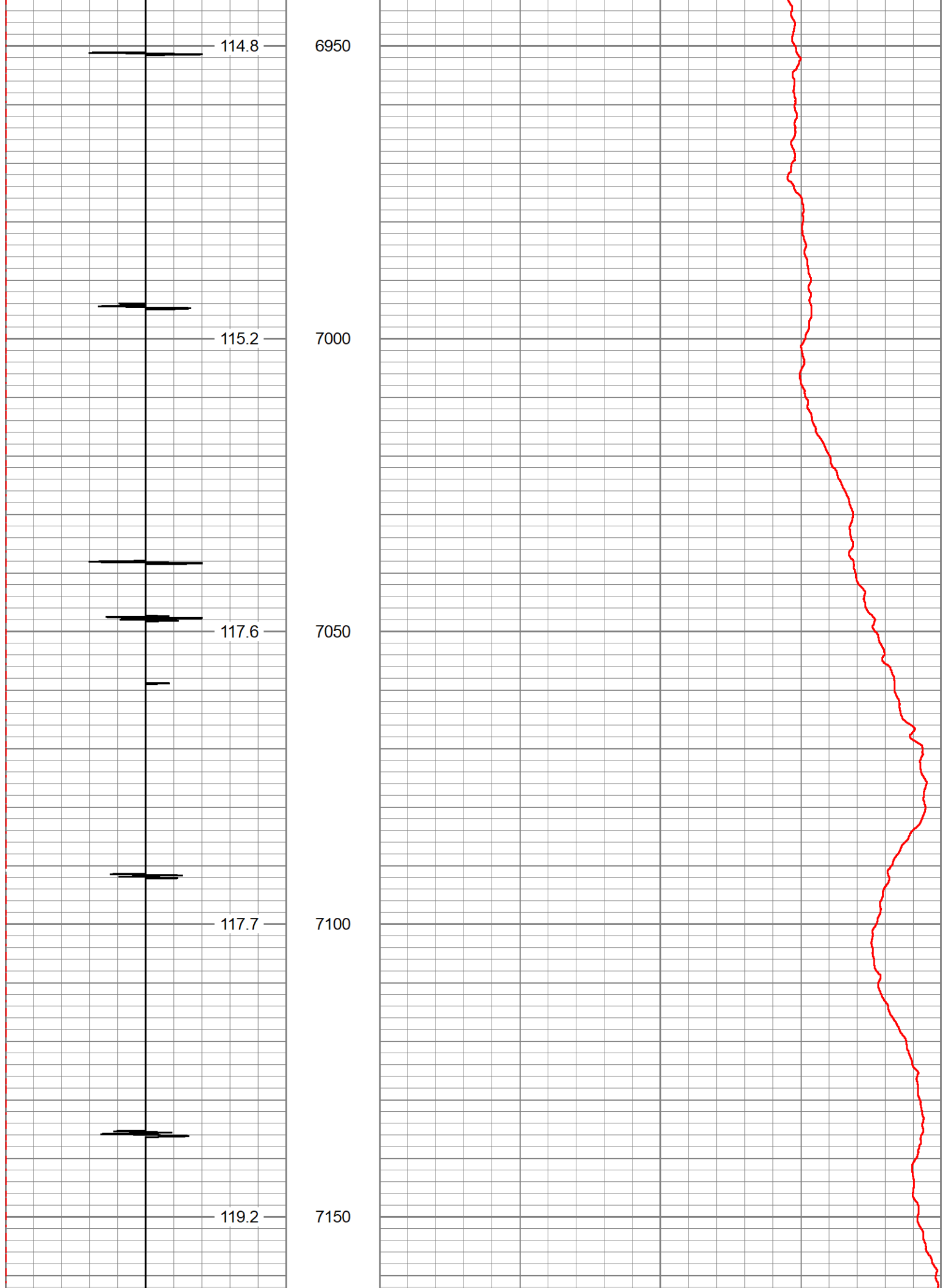
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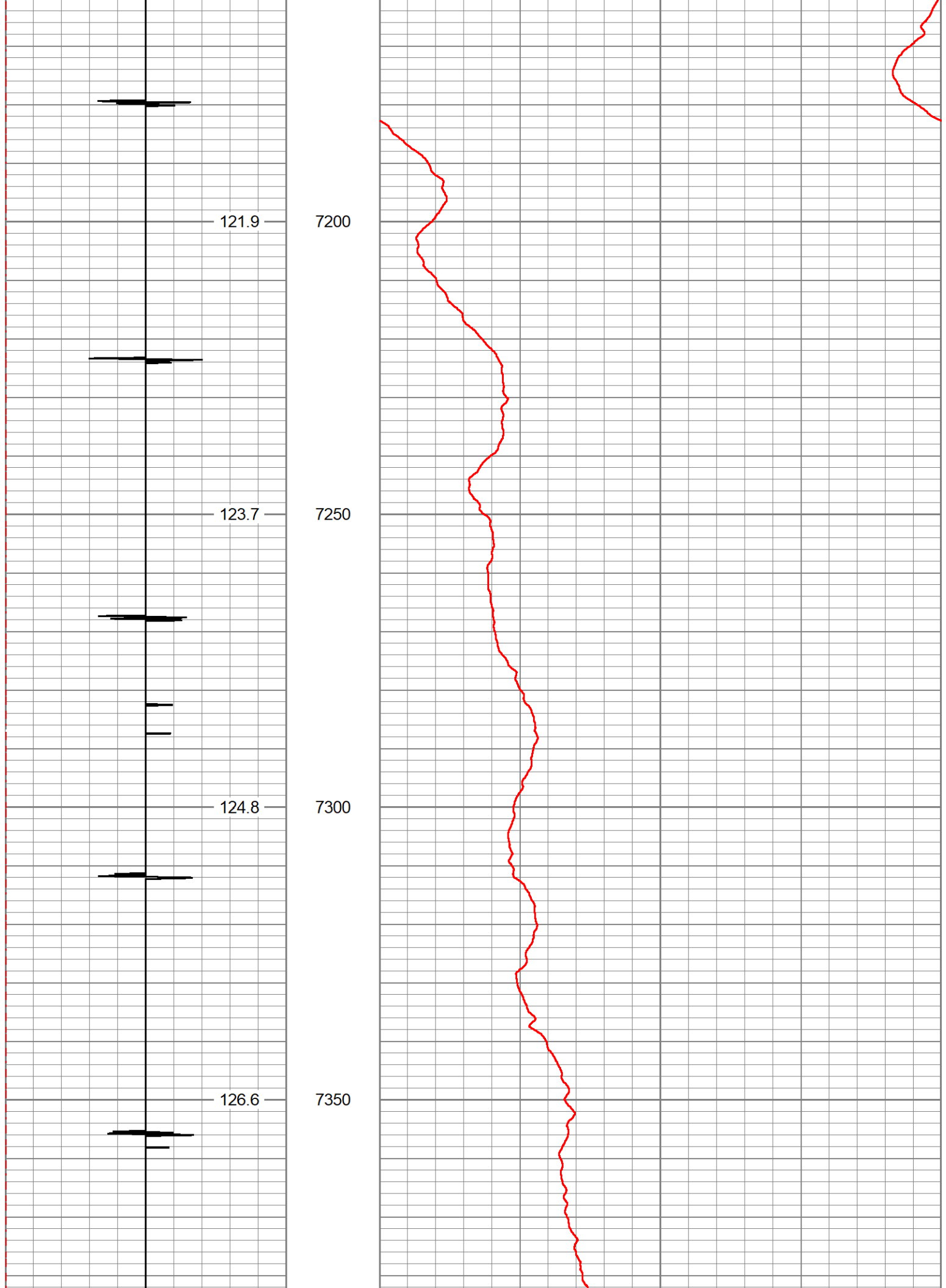
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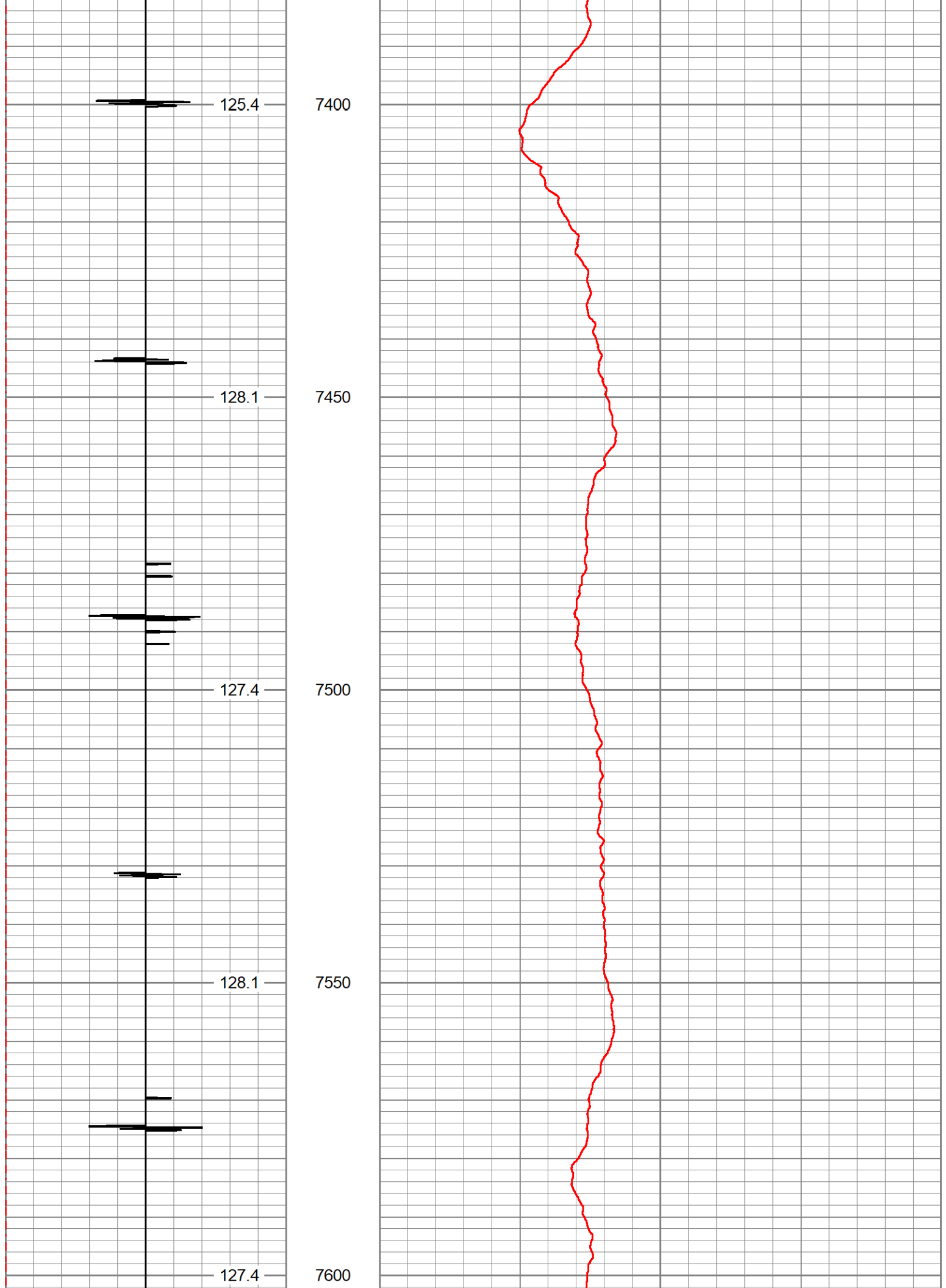
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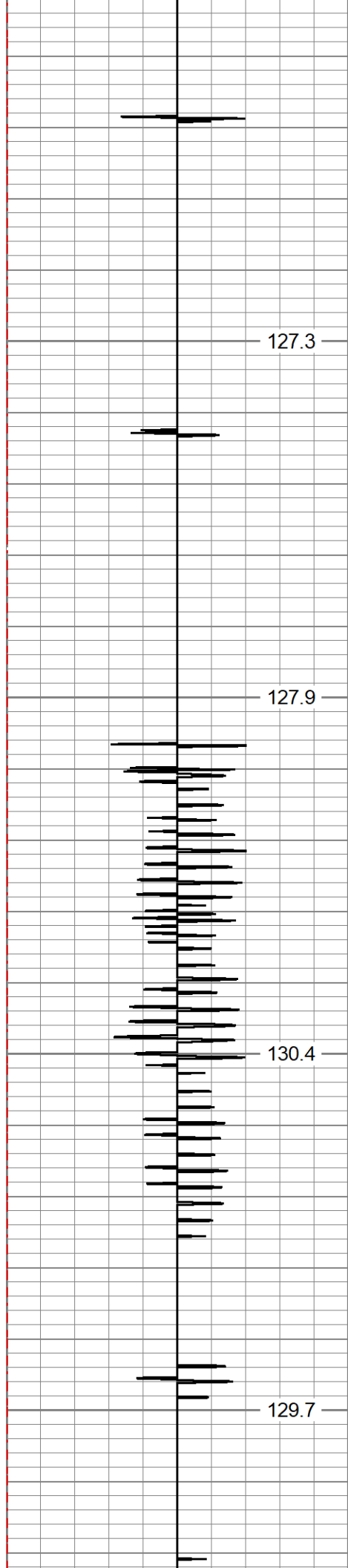
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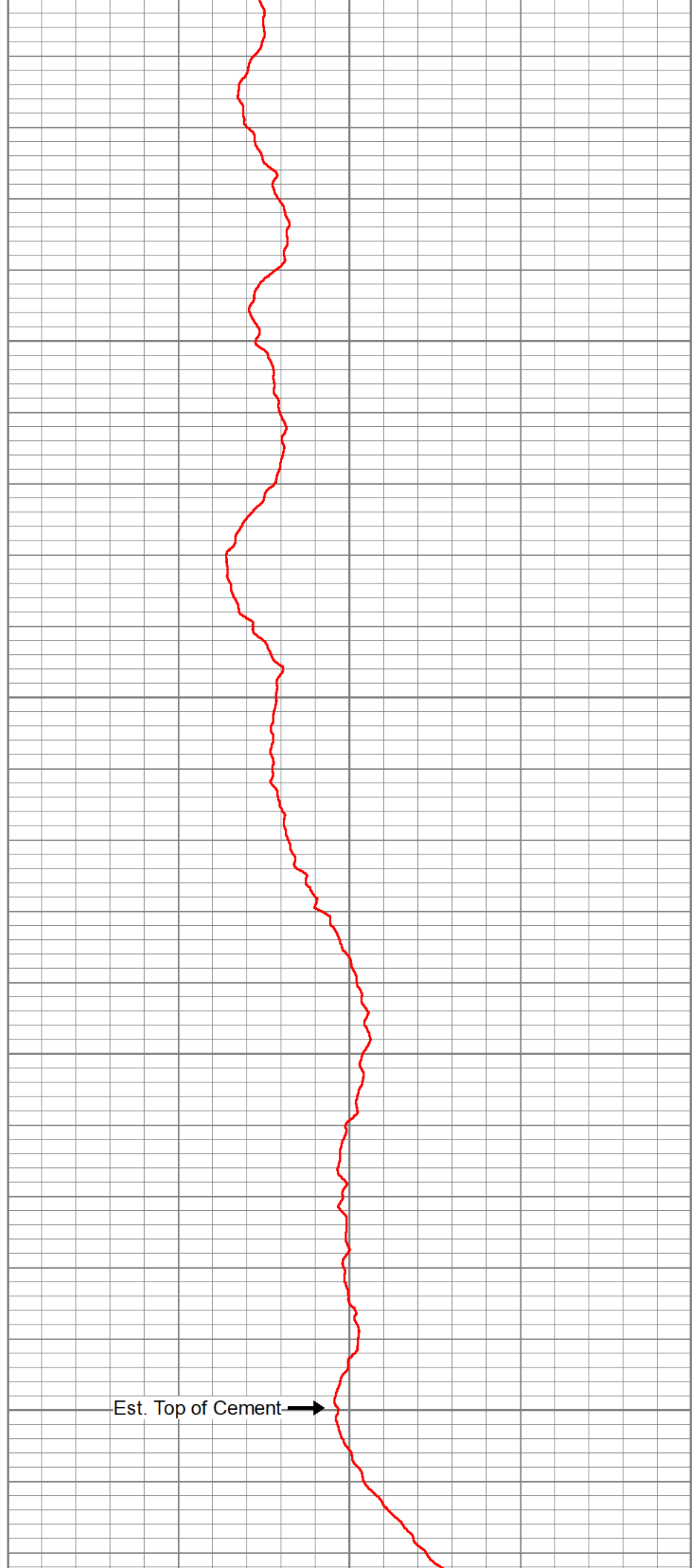
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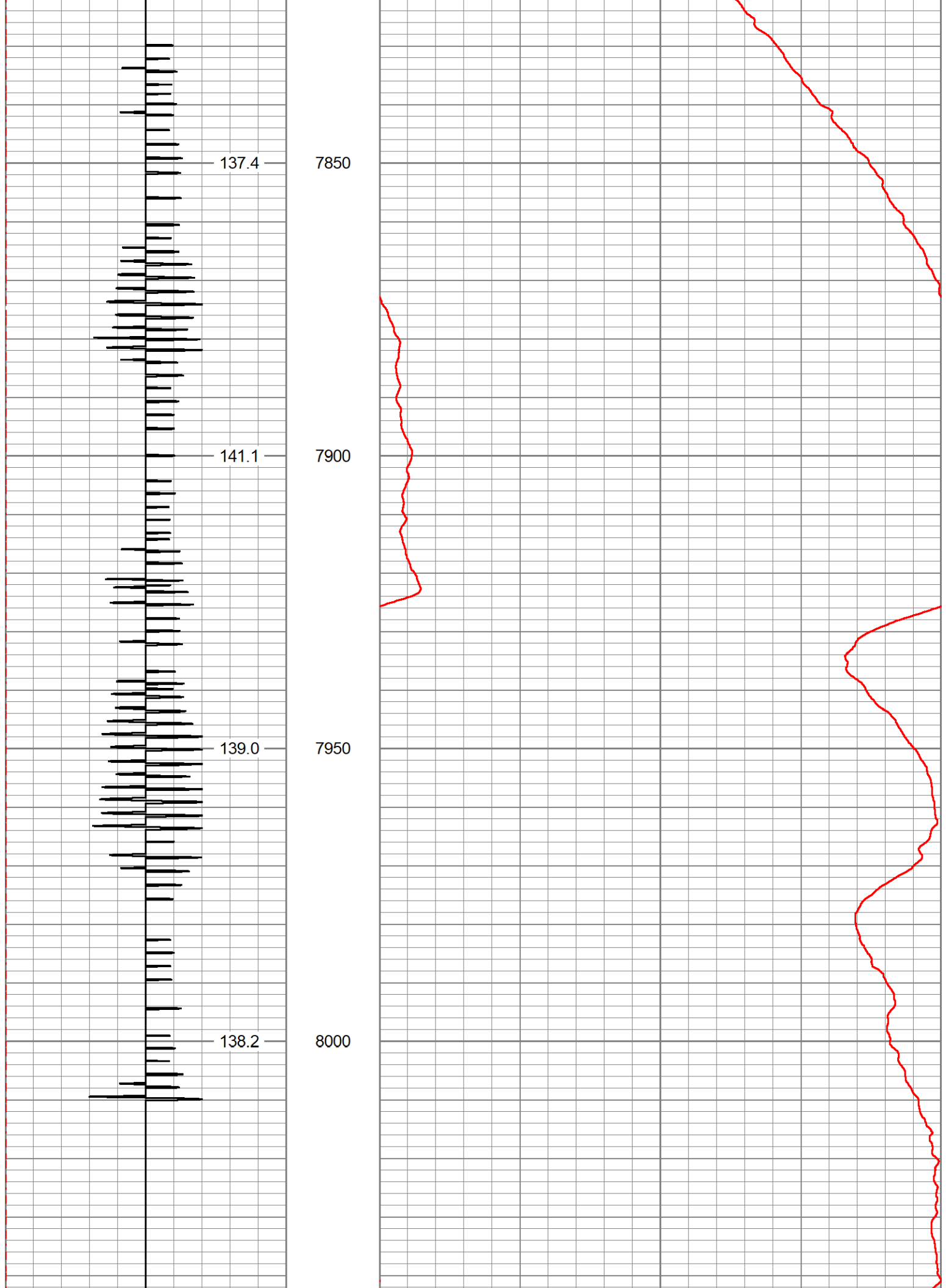
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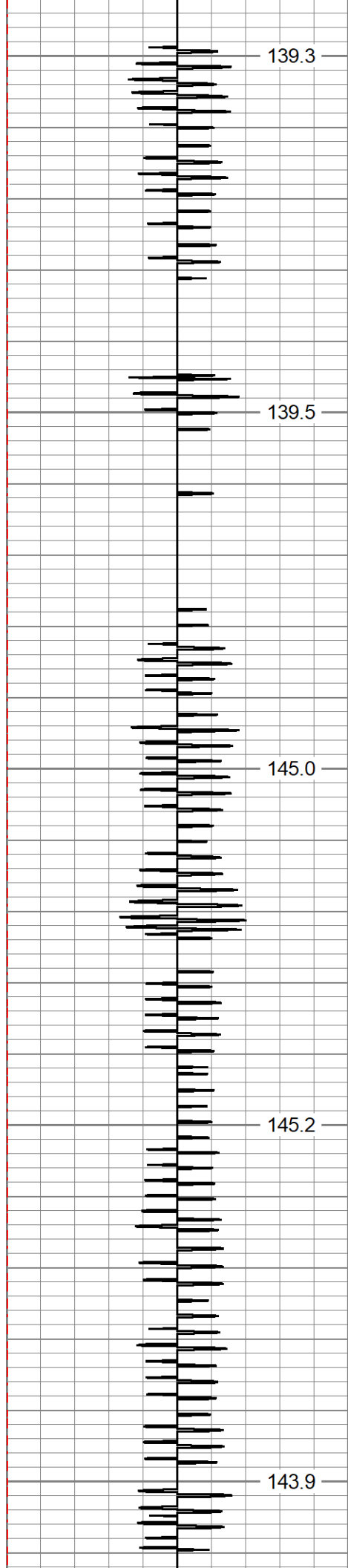
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Est. Top of Cement →







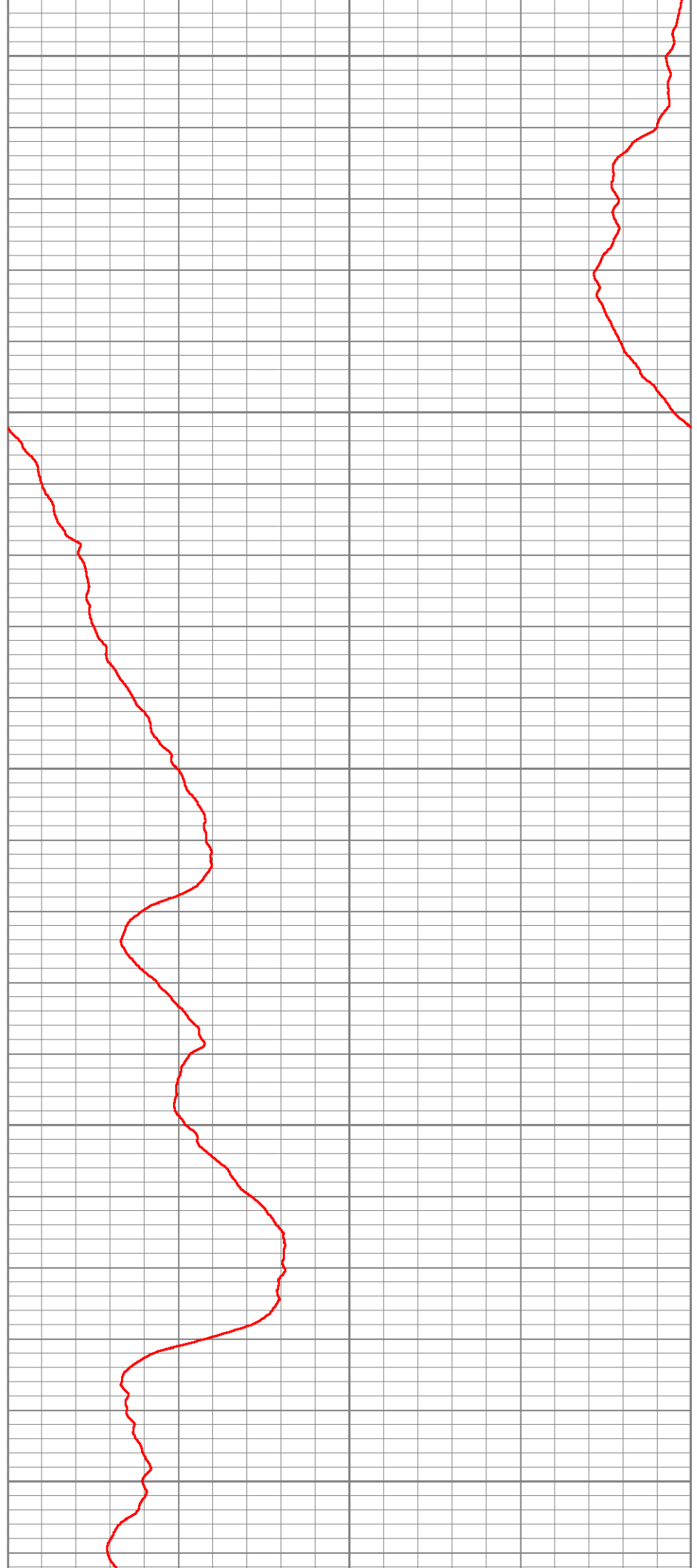
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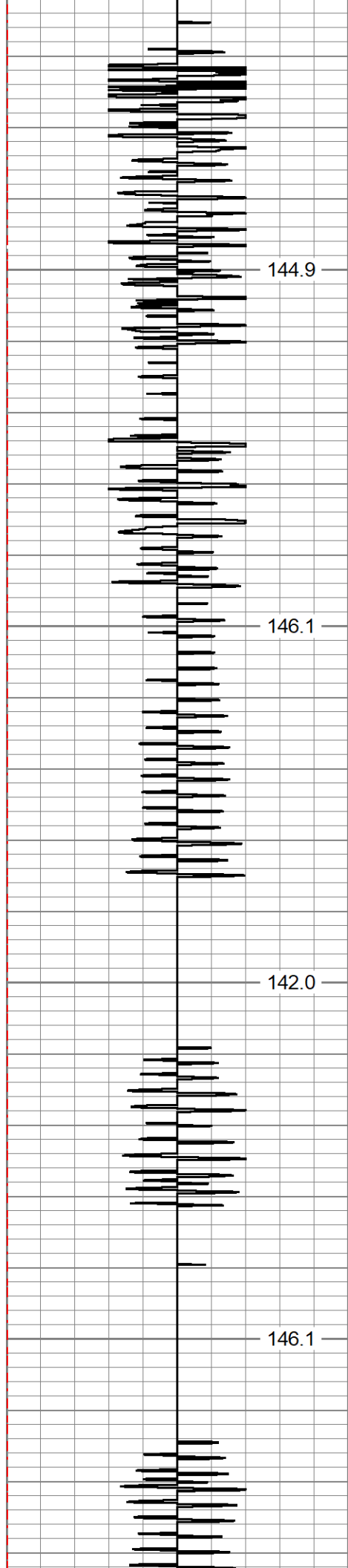
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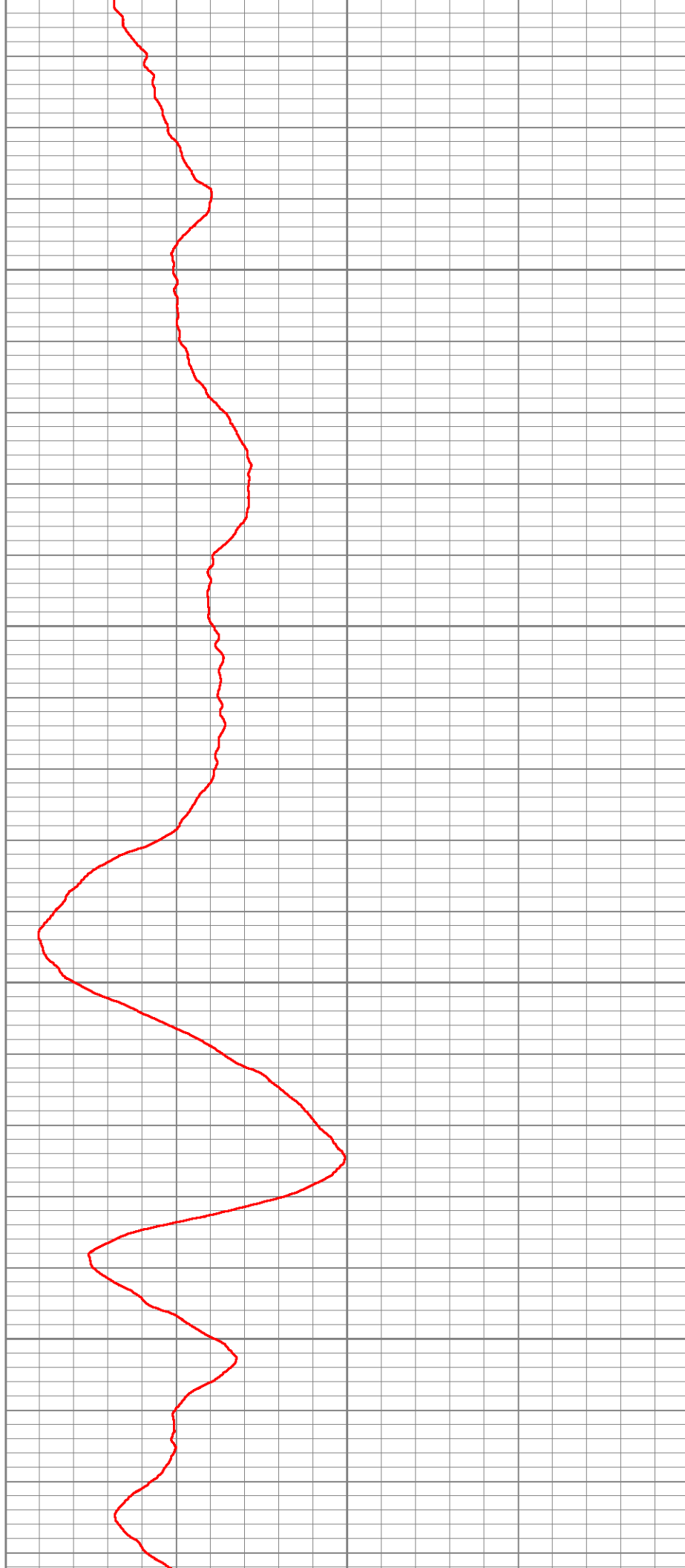
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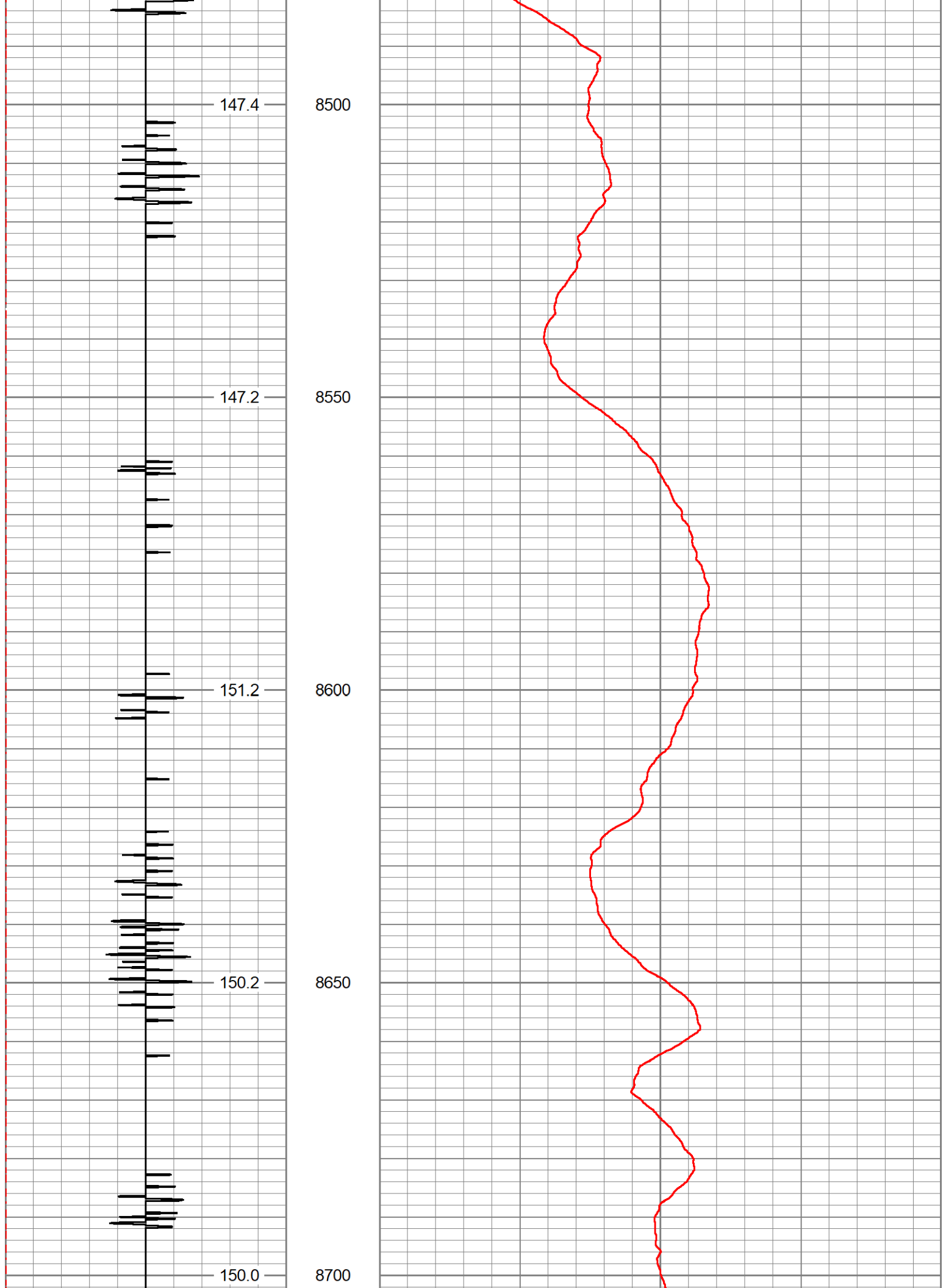
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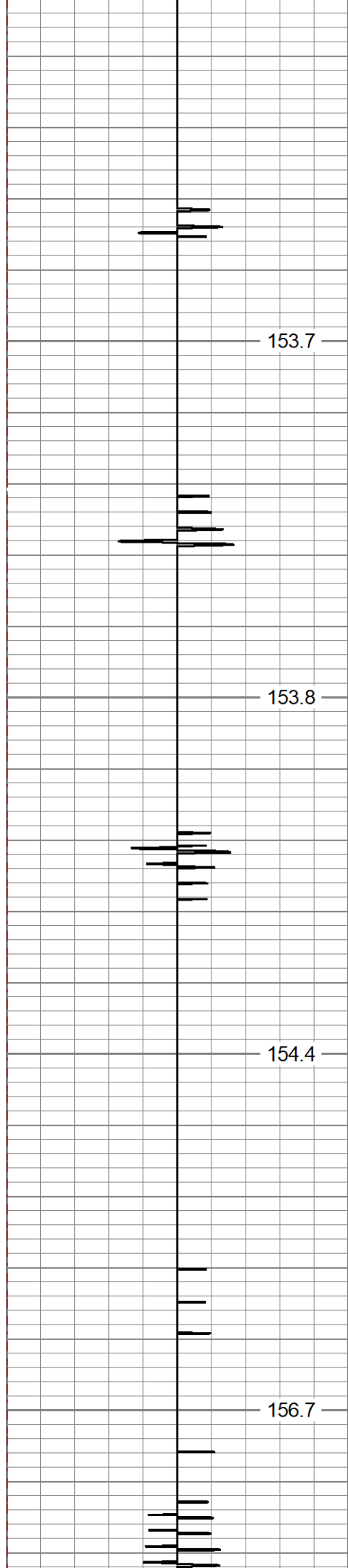
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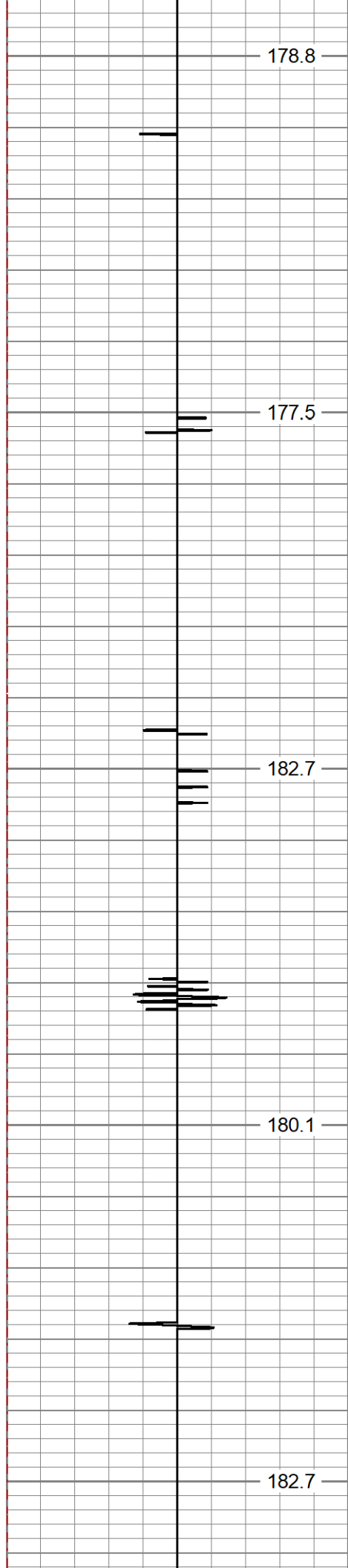


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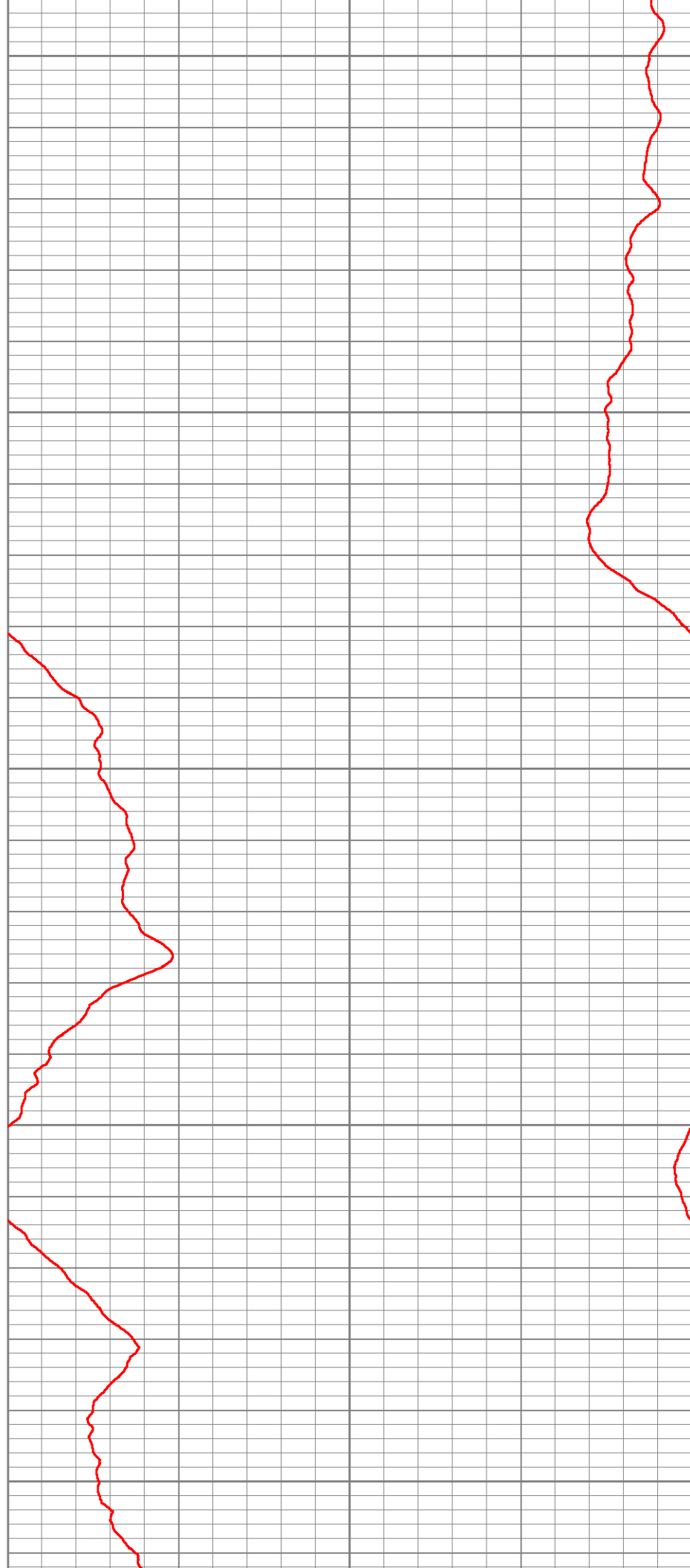
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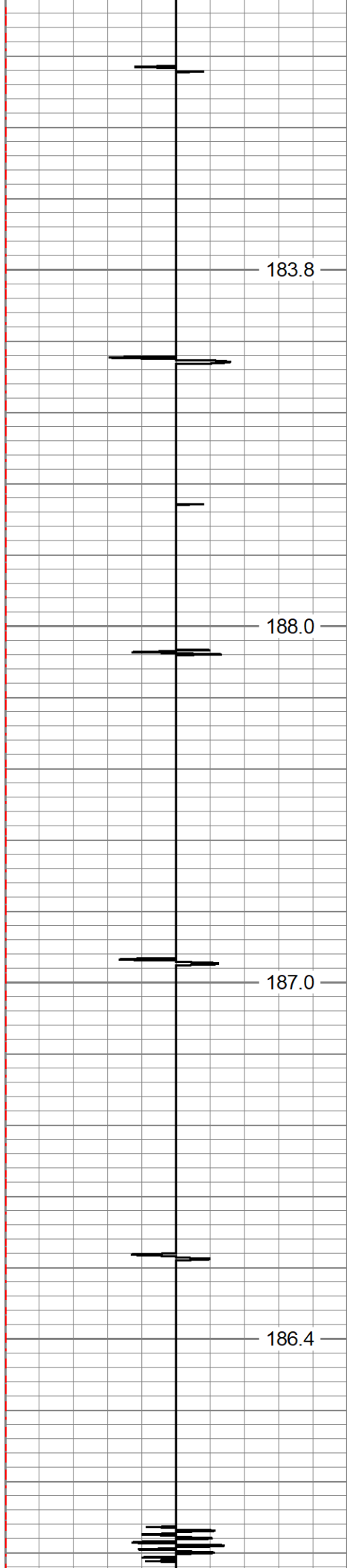
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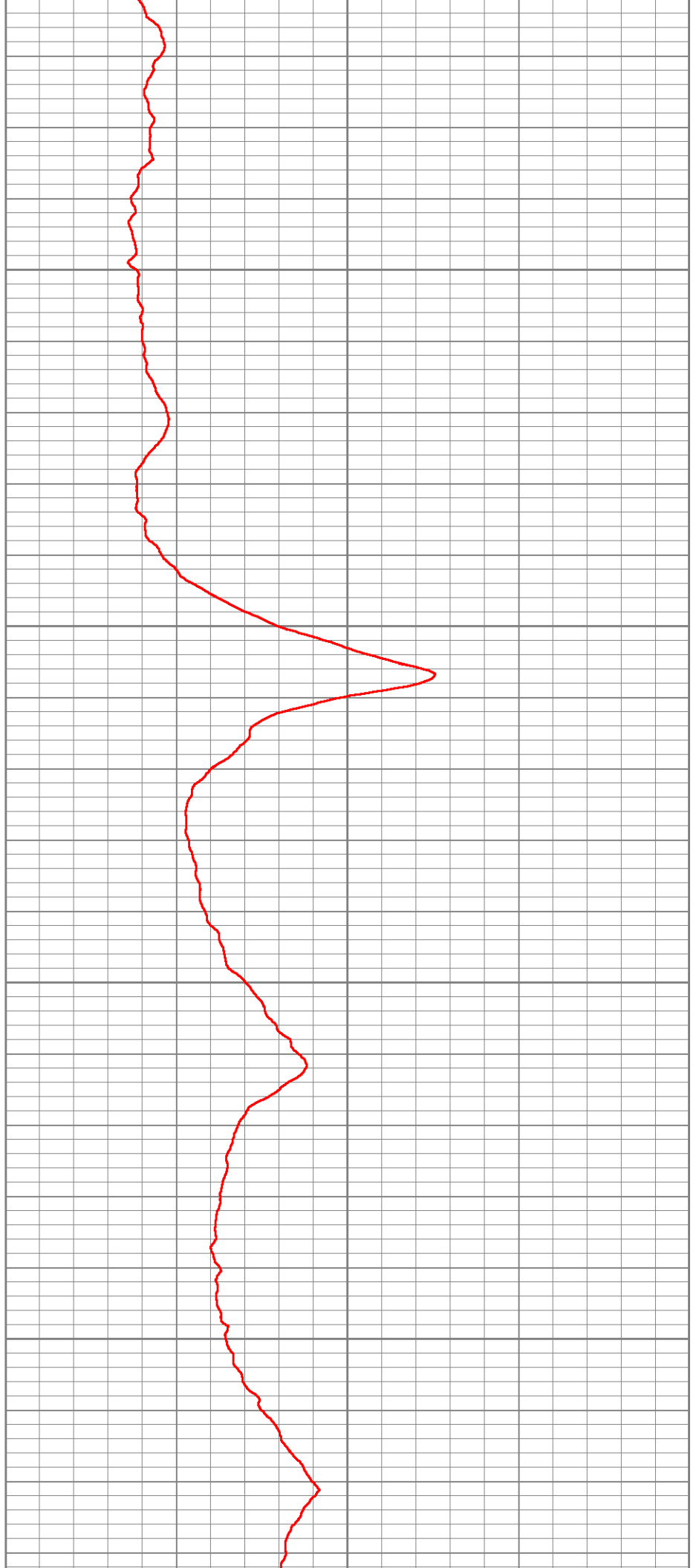


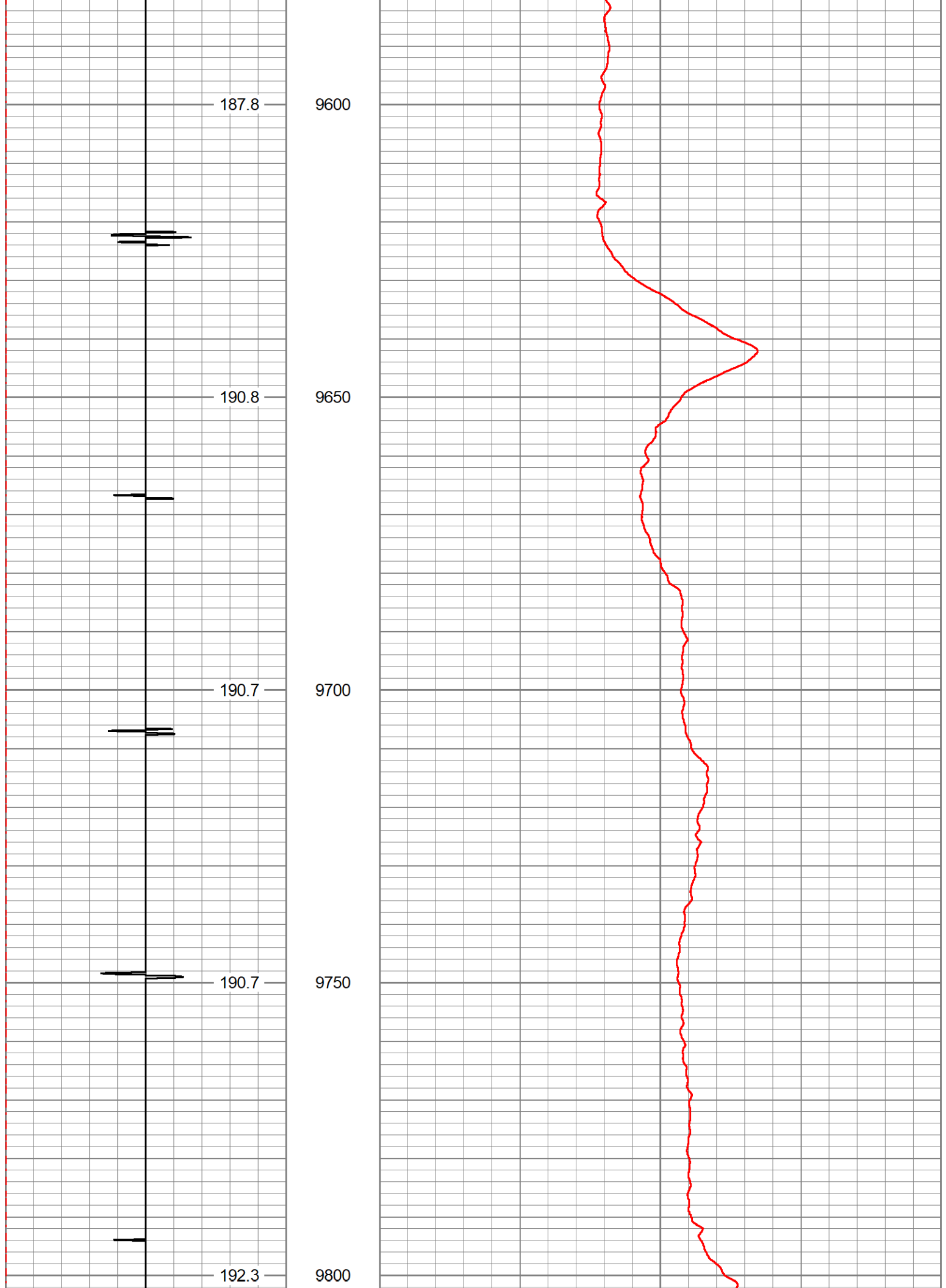
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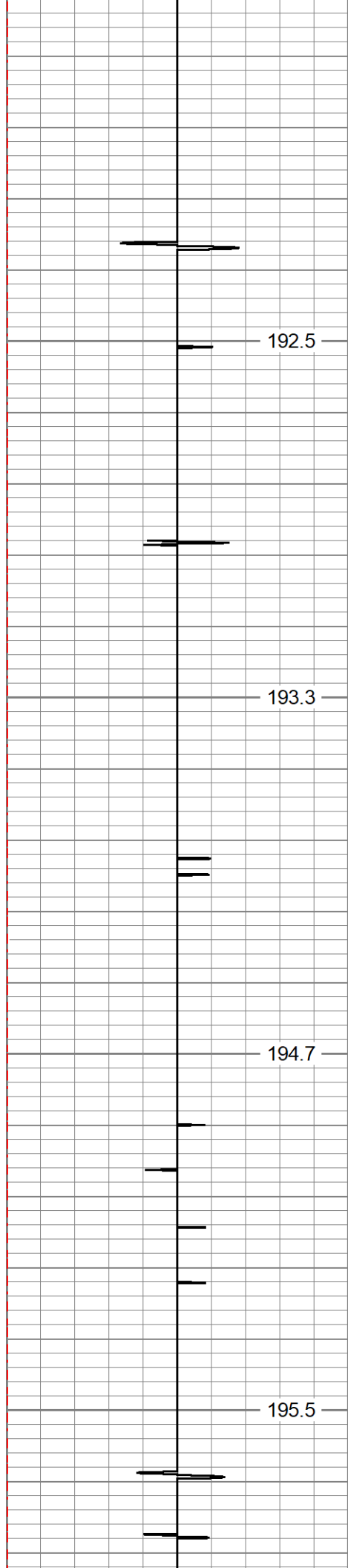
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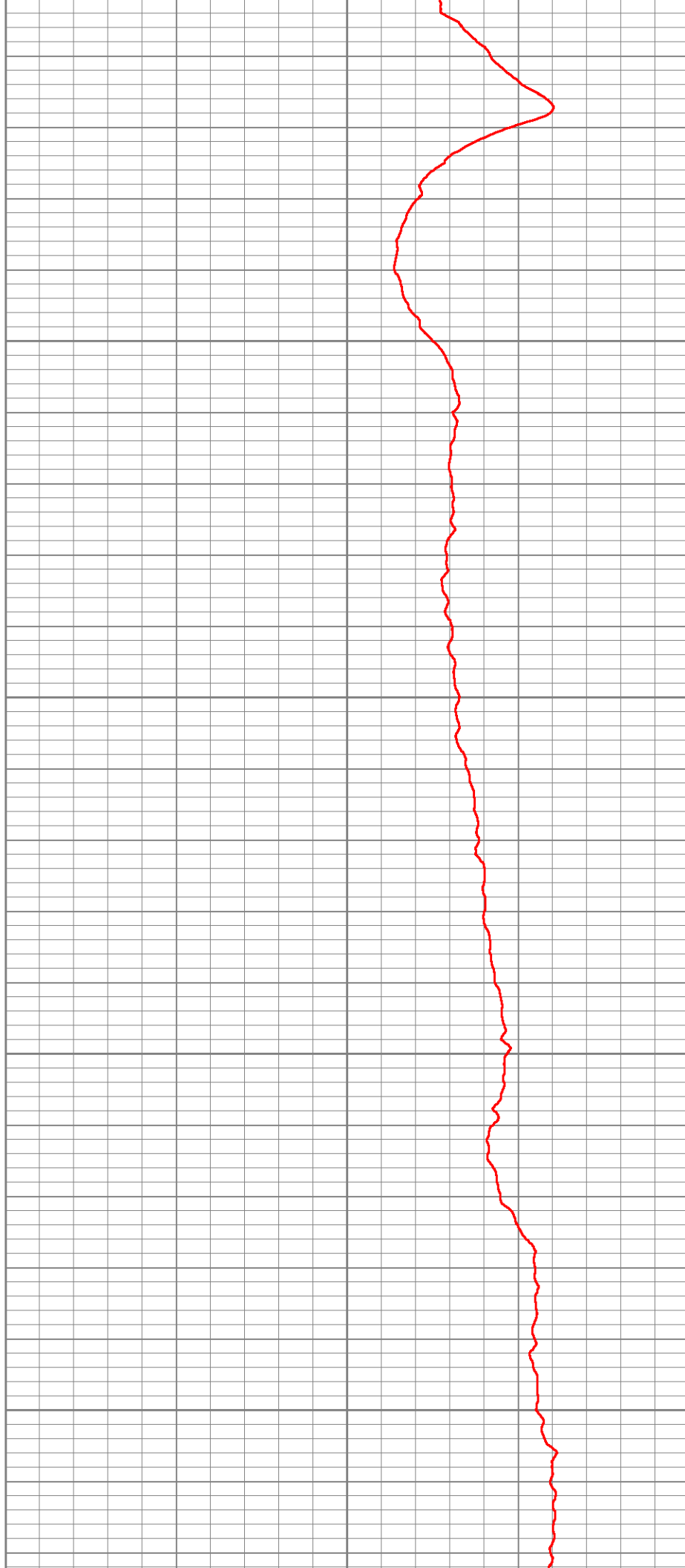
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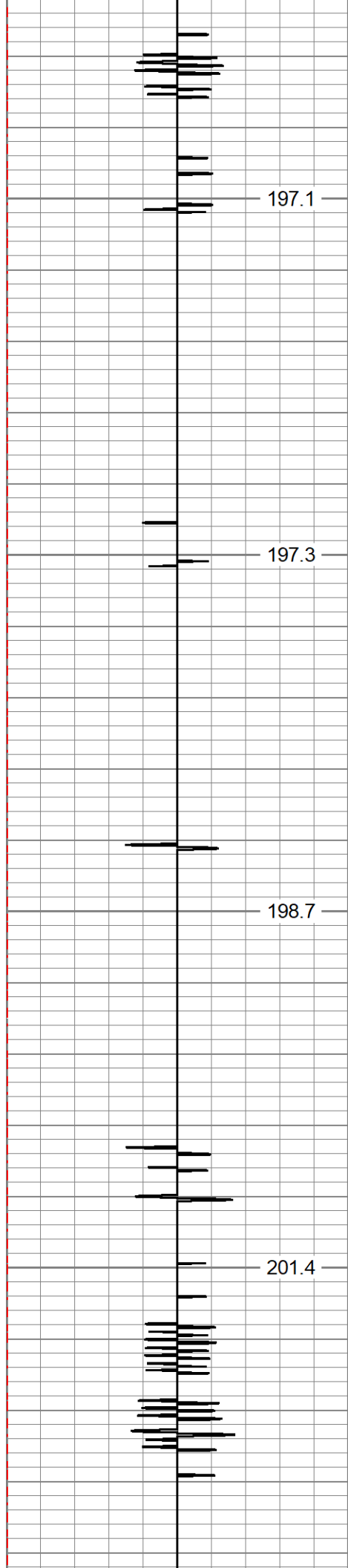
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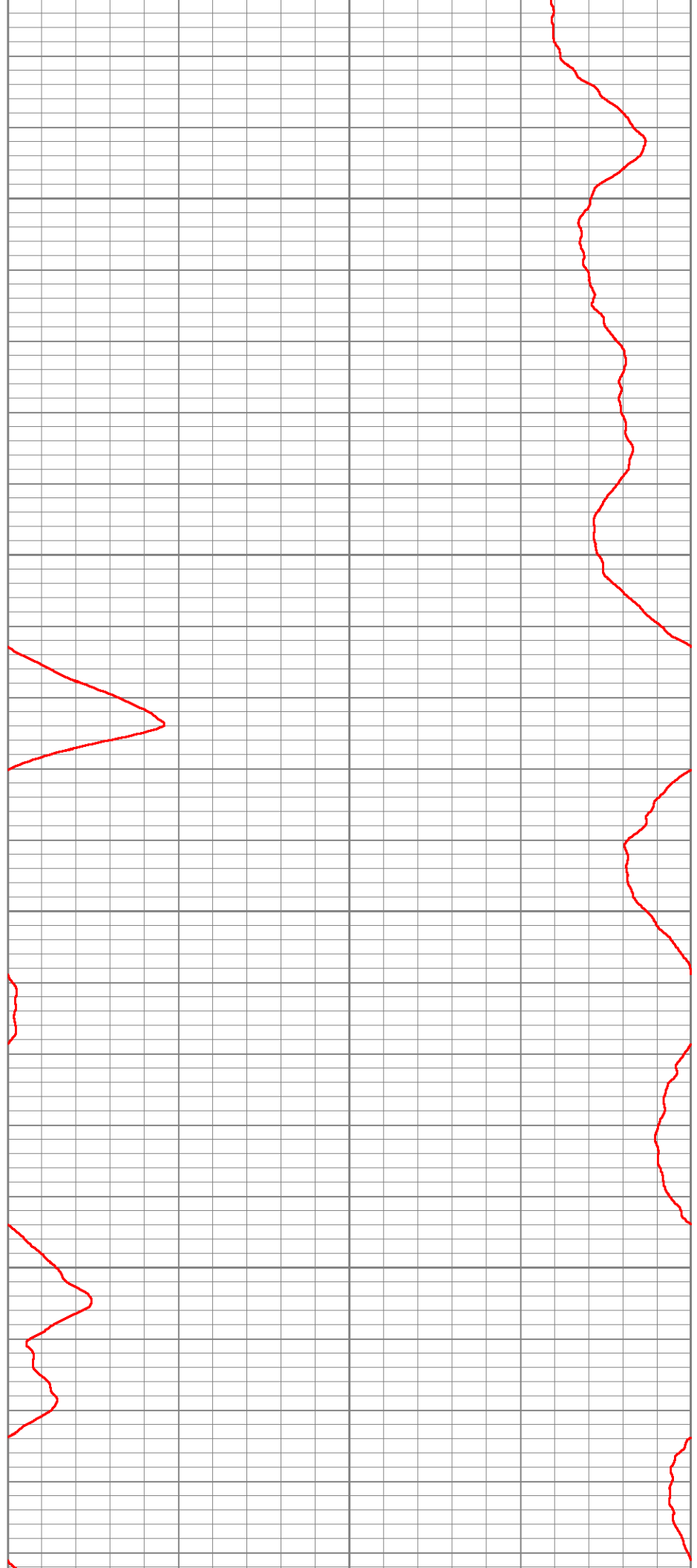


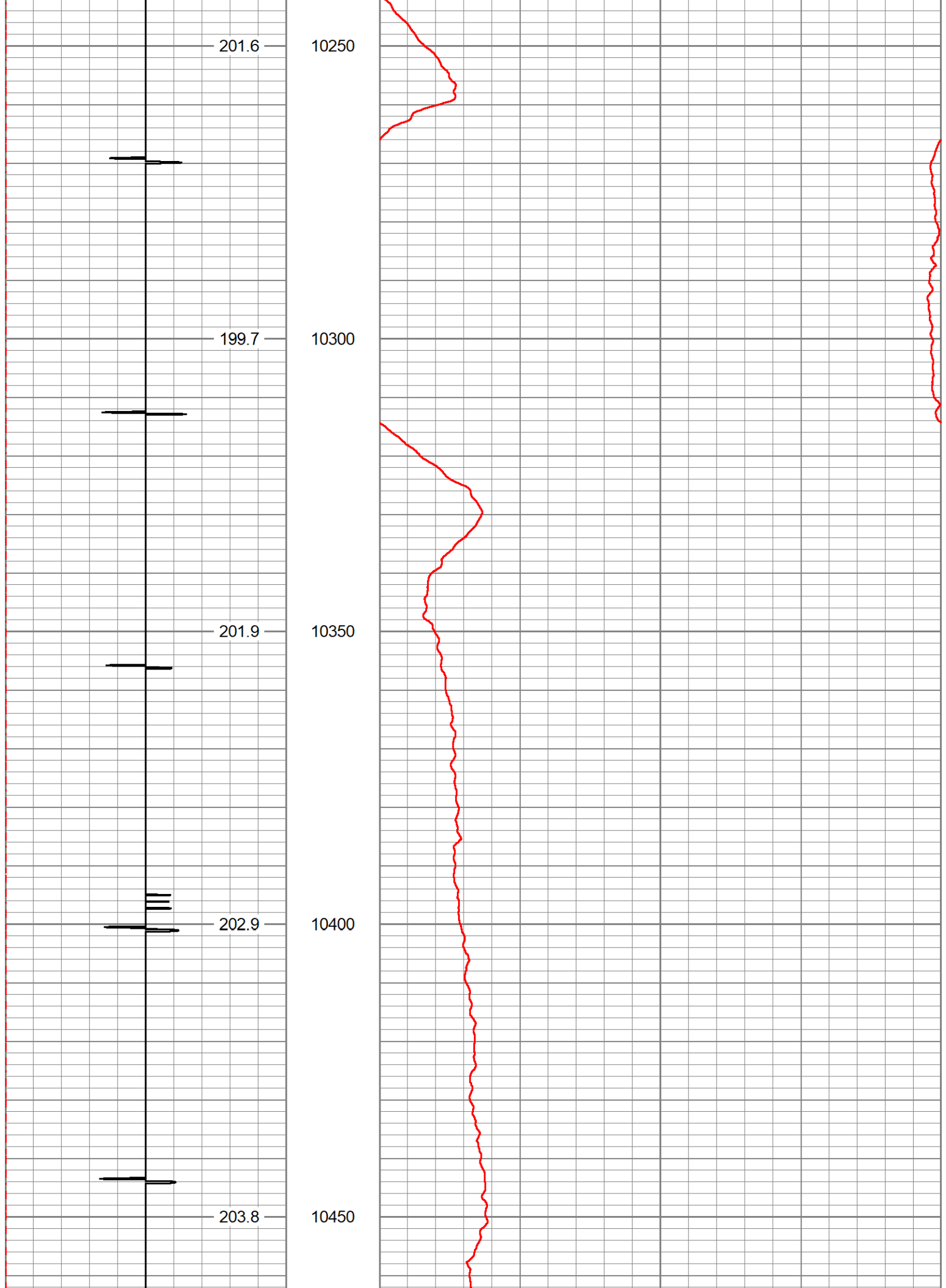
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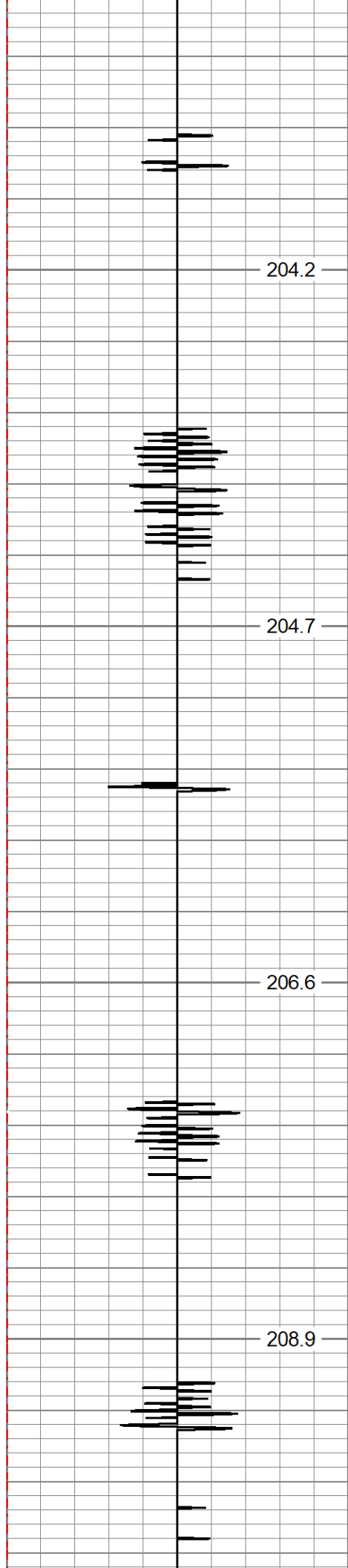
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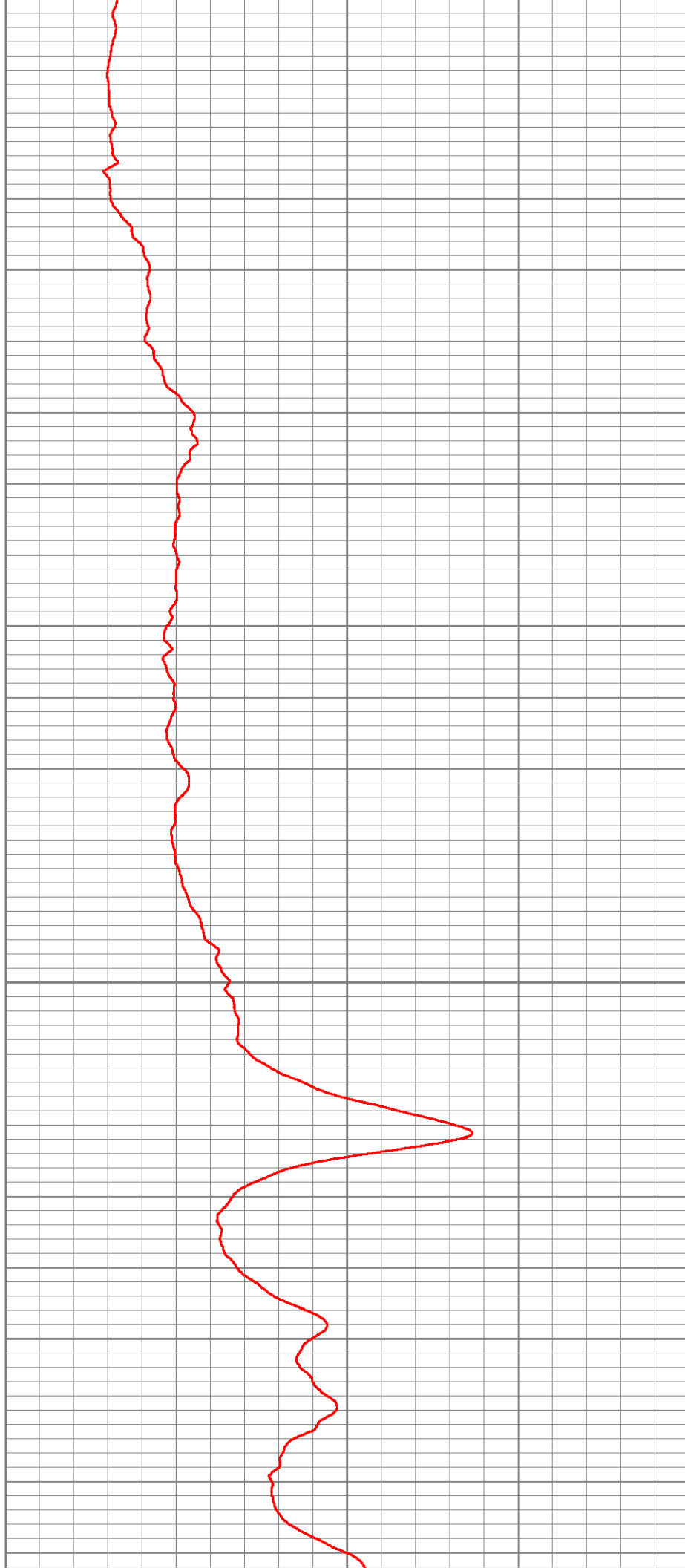


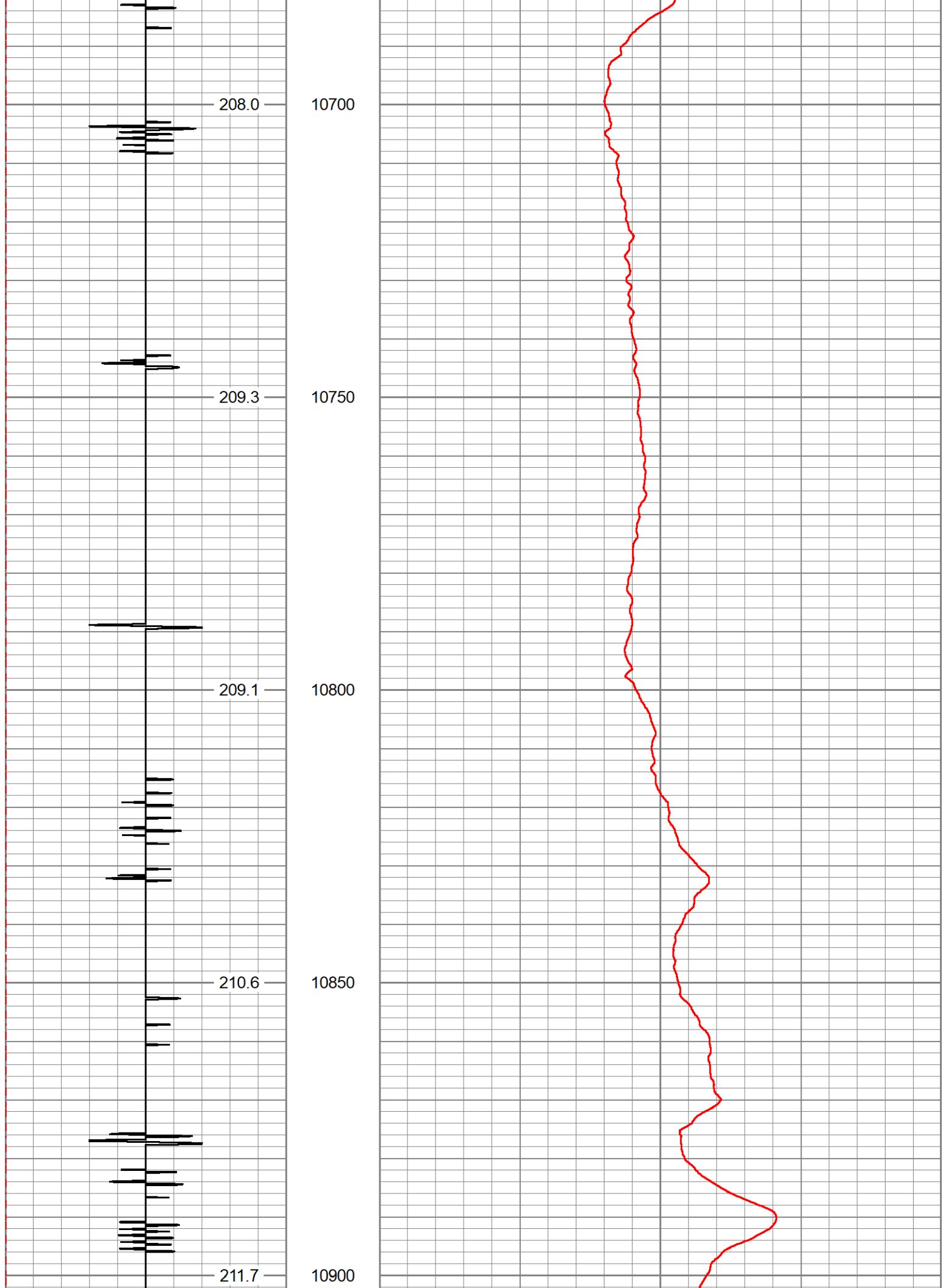
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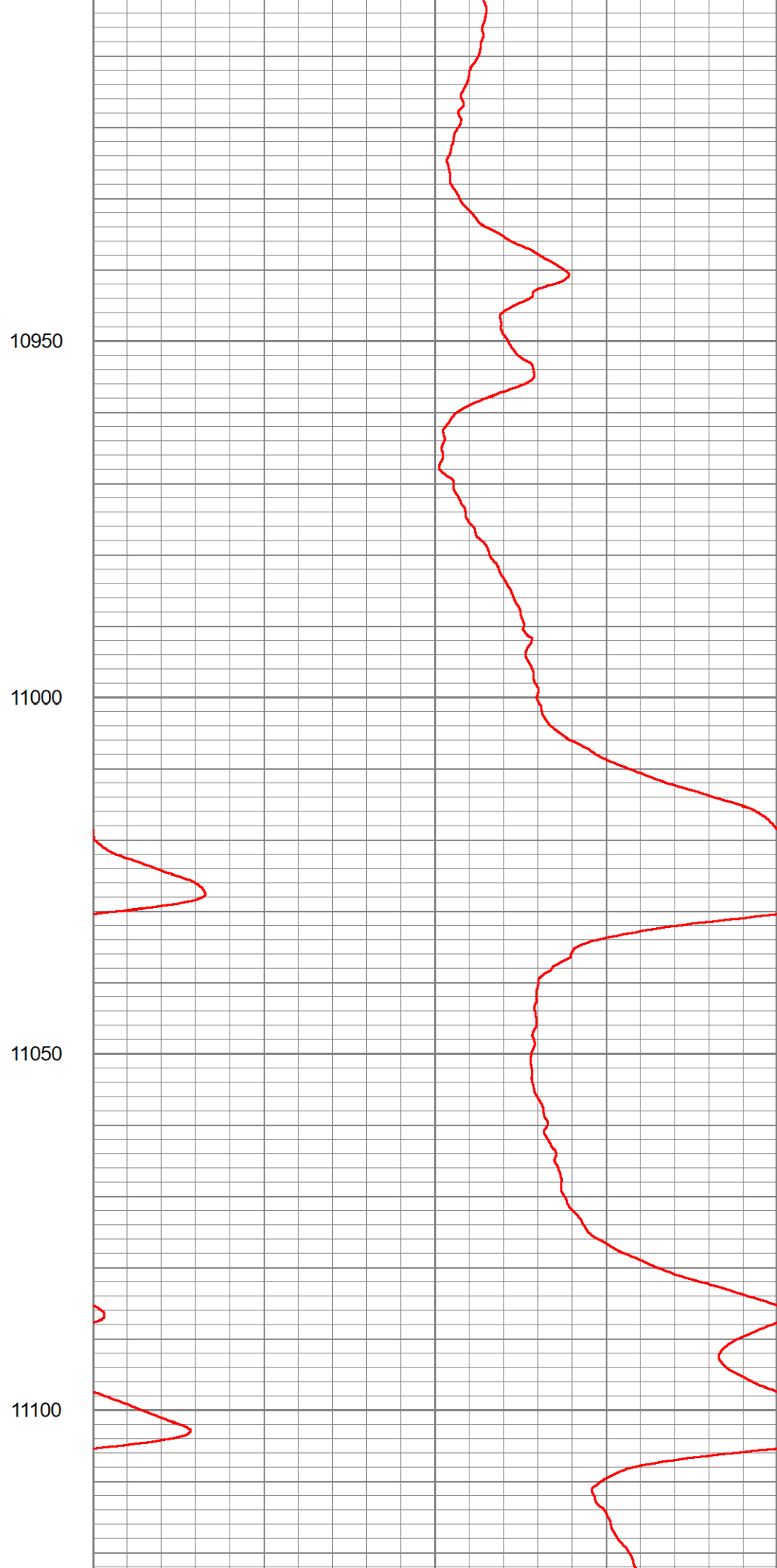
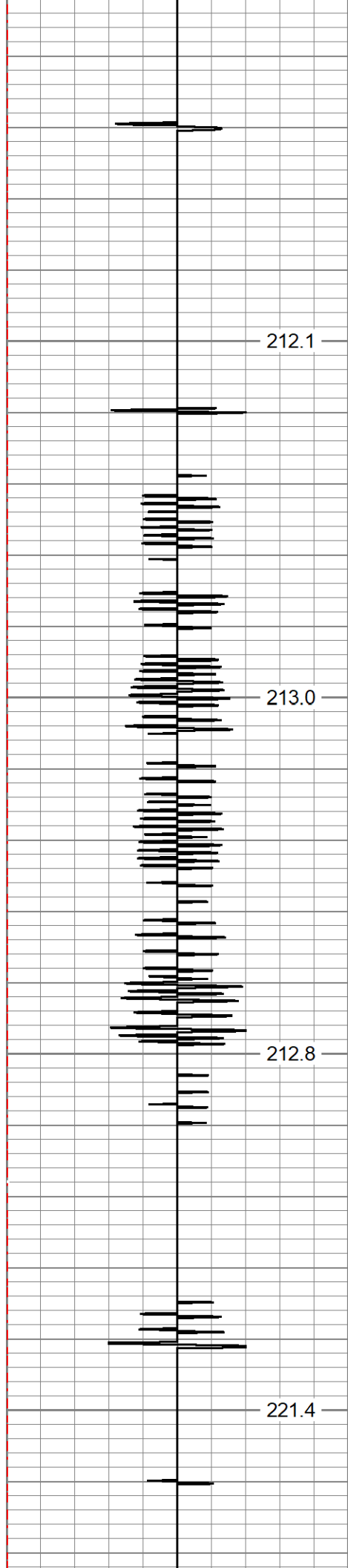
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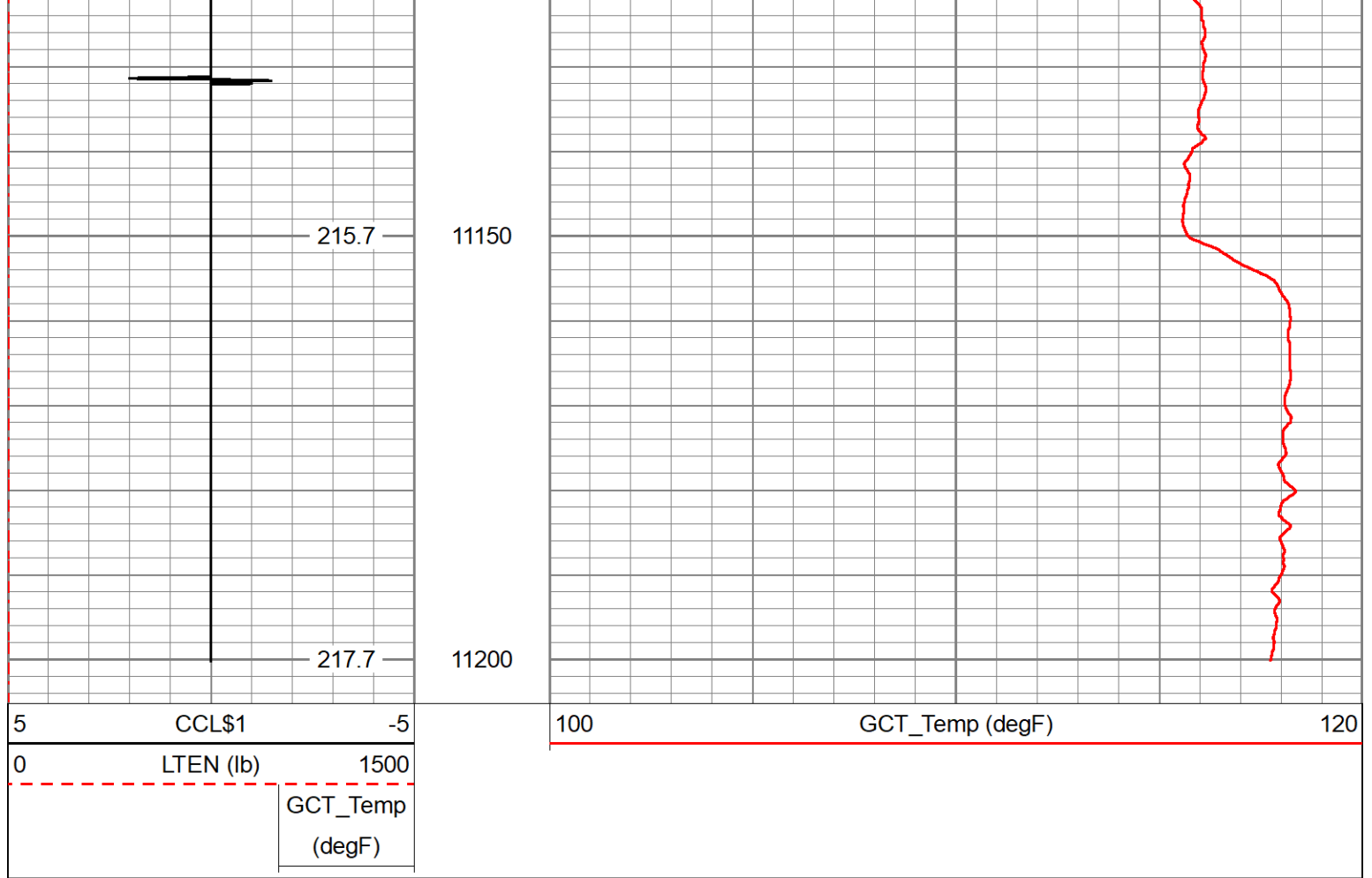
10600

10650

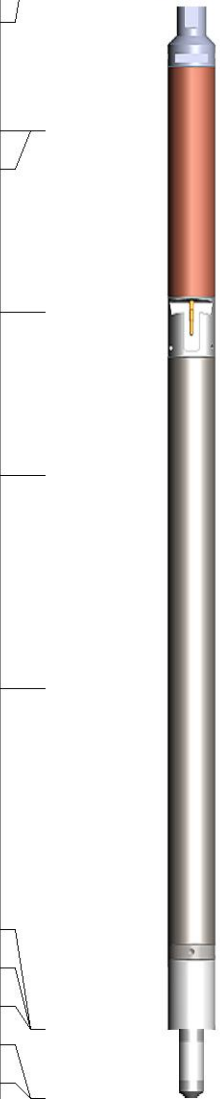









Calibration Report					
Database File	tep_fwd wmc 532-20_temp_11-13-2022.db				
Dataset Pathname	main2				
Dataset Creation	Sun Nov 13 23:47:14 2022				
Gamma Ray Calibration Report					
Serial Number:	110255				
Tool Model:	GCTacc_6-Pin-Base				
Performed:	Thu Sep 22 15:12:49 2022				
Calibrator Value:	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	5.72		GCacc-GCTacc_6-Pin-Base (110255) Probe 2.75" Gamma Ray - CCL w/ Temp and 6 Pin Bottom	5.00	2.75	
CCL\$2	4.72					
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	Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00	
Dataset: tep_fwd wmc 532-20_temp_11-13-2022.db: field/well/run1/main2 Total length: 5.33 ft Total weight: 1.00 lb O.D.: 2.75 in						

Company	TEP Rocky Mountain LLC				
Well	Federal WMC 532-20				
Field	Rulison				
County	Garfield	State	Colorado		
		Temperature Casing Collar Log			