



Temperature Casing Collar Log

Company		TEP Rocky Mountain LLC													
Well		Federal WMC 12-20													
Field		Rulison													
County		Garfield													
State		Colorado													
Company		TEP Rocky Mountain LLC													
Well		Federal WMC 12-20													
Field		Rulison													
County		Garfield													
State		Colorado													
Location:		API # : 05-045-24494													
SEC 17 TWP 7S RGE 93W		Other Services													
Permanent Datum		Ground Level		Elevation											
Log Measured From		Kelly Bushing		8869 FT											
Drilling Measured From		Kelly Bushing		K.B. 8899 FT D.F. 8898 FT G.L. 8869 FT											
Date		1-OCT-2022													
Run Number		One													
Depth Driller		11177 FT													
Depth Logger		11077 FT													
Bottom Logged Interval		11075 FT													
Top Log Interval		Surface													
Open Hole Size		8.75"													
Type Fluid		Water													
Density / Viscosity		8.34 Lb/Gal													
Max. Recorded Temp.		250°F													
Estimated Cement Top		6400 FT													
Time Well Ready		ROA													
Time Logger on Bottom		08:45													
Equipment Number		8047													
Location		Grand Junction													
Recorded By		A. Ellsworth													
Witnessed By		G. Wade													
Borehole Record		Tubing Record													
Run Number		Bit		From		To		Size		Weight		From		To	
Casing Record		Size		Wgt/Ft		Top		Bottom							
Surface String		9-5/8"		36		Surface		1163 FT							
Prot. String															
Production String		4-1-2"		11.6		Surface		11167 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)

Database File	tep_wmc_12-20_temp_10-1-22.db
Dataset Pathname	main1
Presentation Format	ros_temp_ql_tep
Dataset Creation	Sat Oct 01 07:55:32 2022
Charted by	Depth in Feet scaled 1:10000

50

GCT_Temp (degF)

250

500

1000

1500

2000

2500

3000

3500

4000

4500

5000

5500

6000

6500

7000

Estimated Top of Cement →

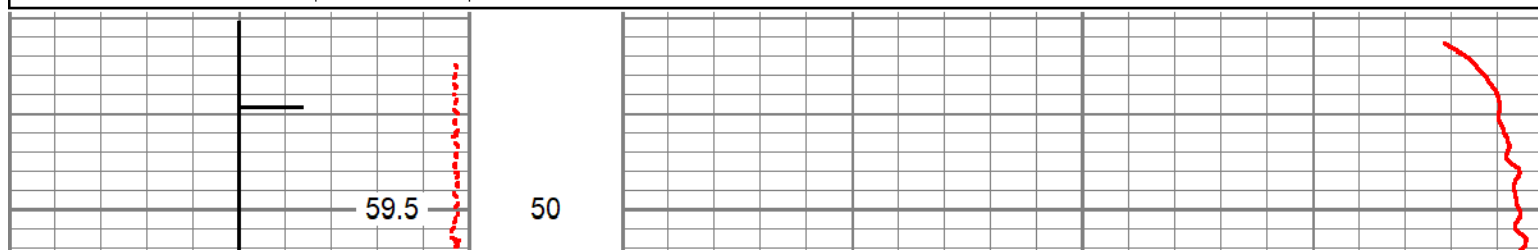


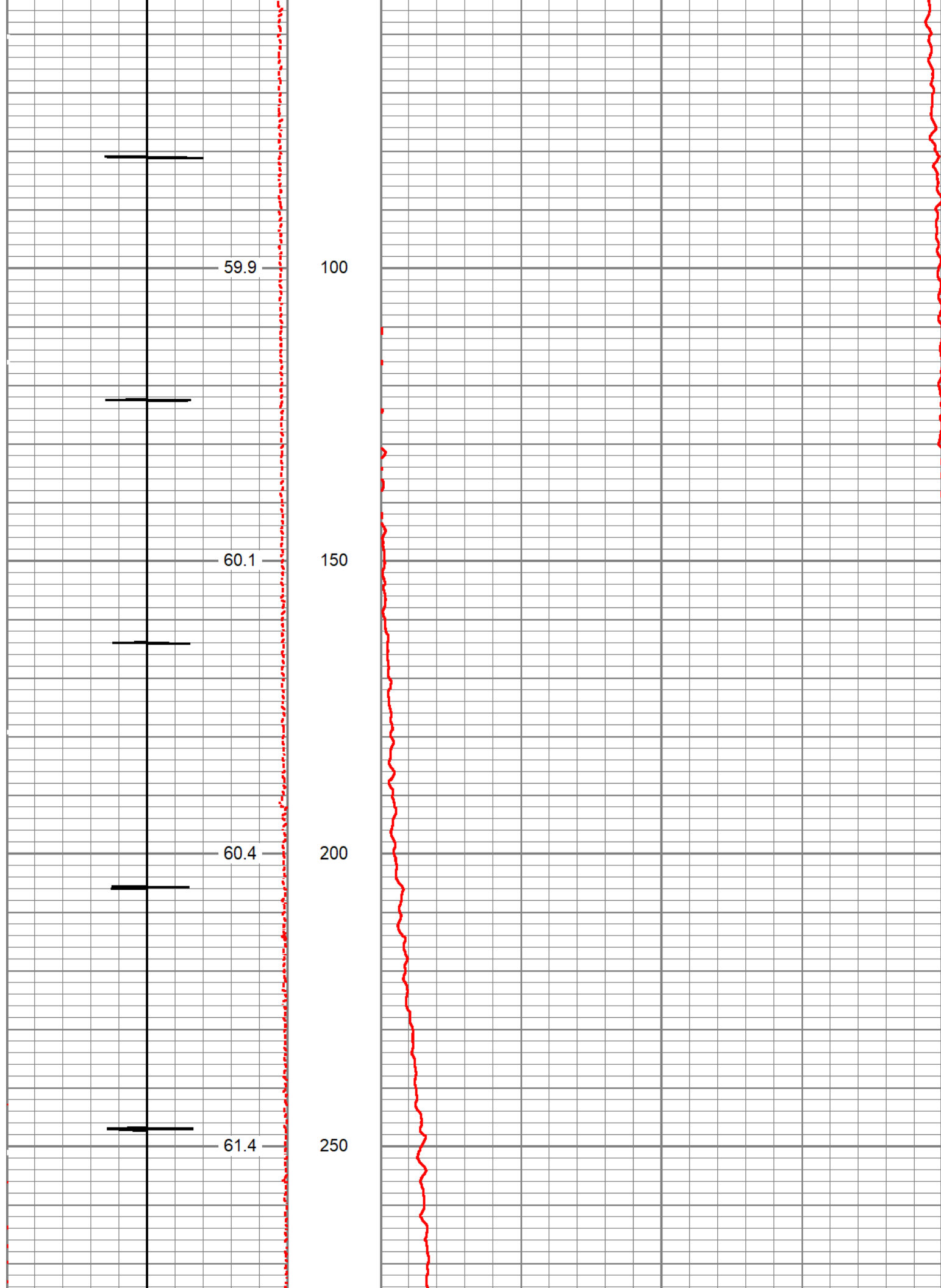


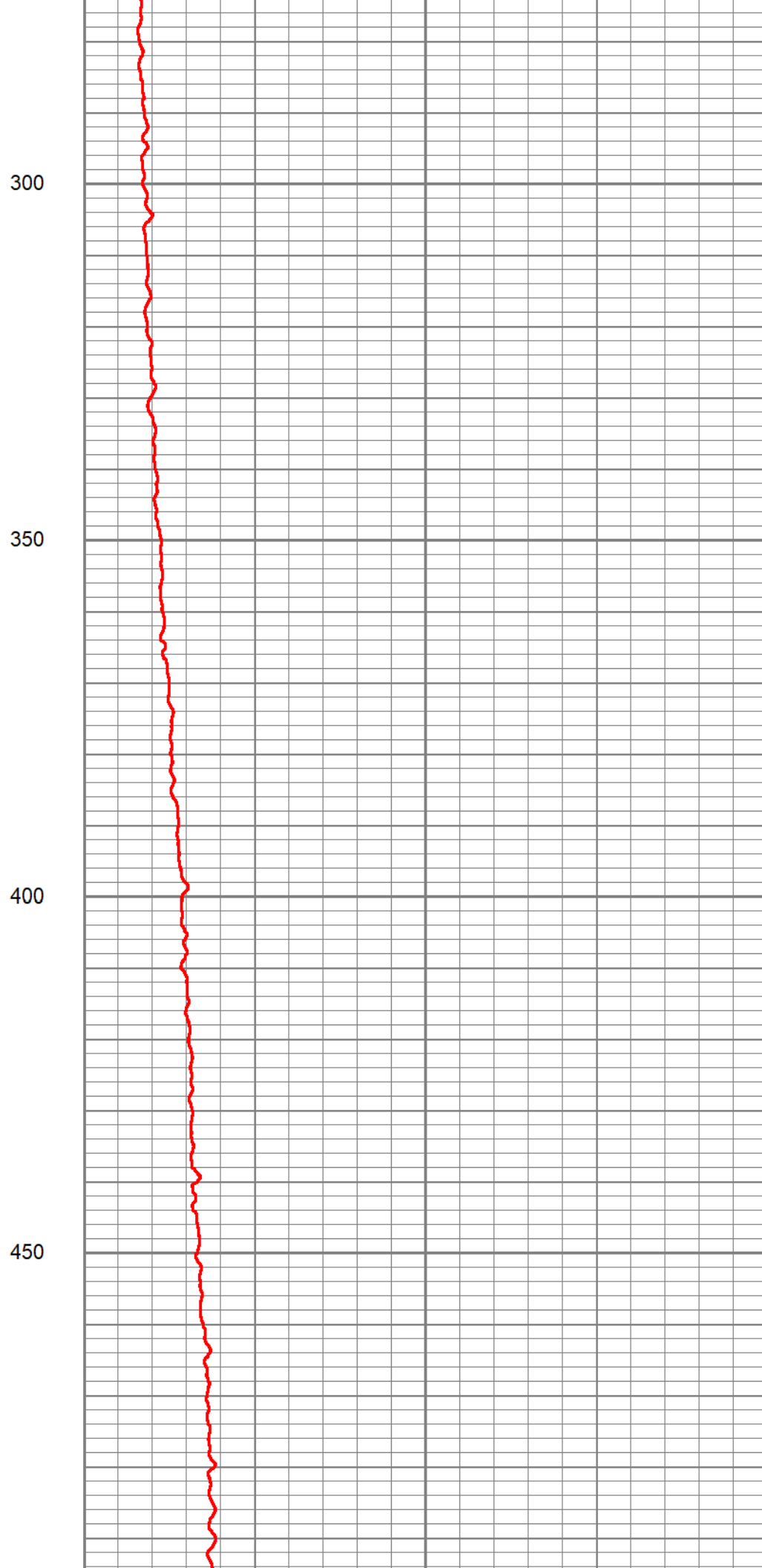
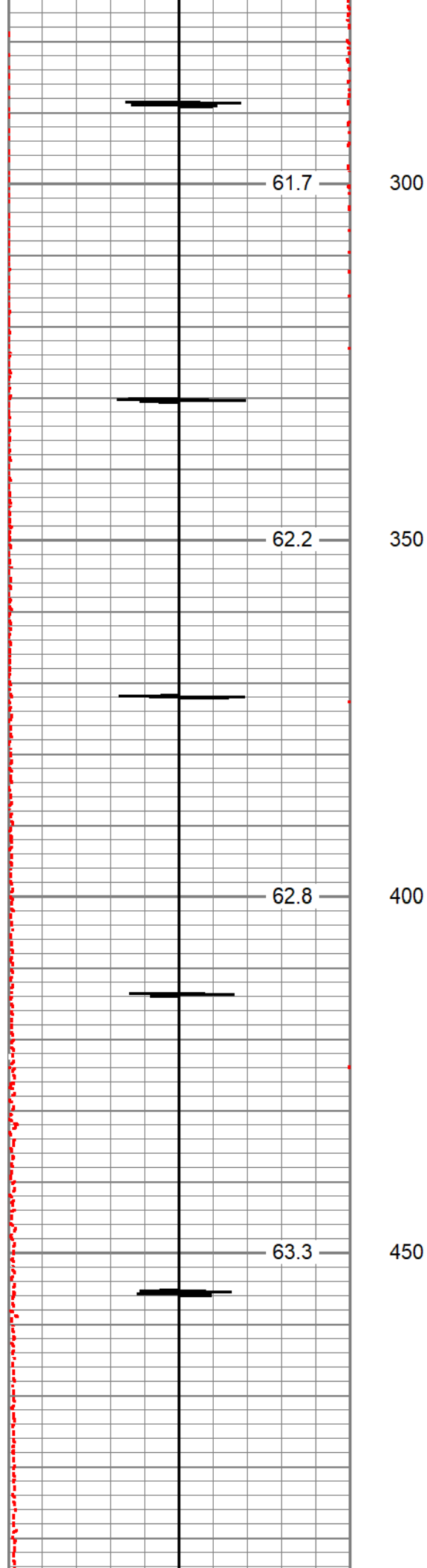
Main Pass 5" = 100'

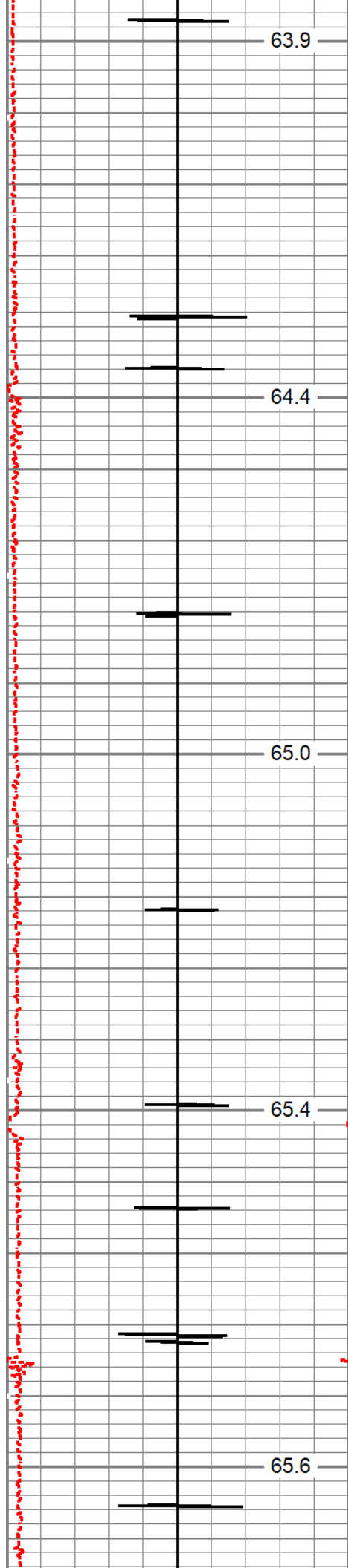
Database File	tep_wmc_12-20_temp_10-1-22.db
Dataset Pathname	main1
Presentation Format	gct_tmp
Dataset Creation	Sat Oct 01 07:55:32 2022
Charted by	Depth in Feet scaled 1:240

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









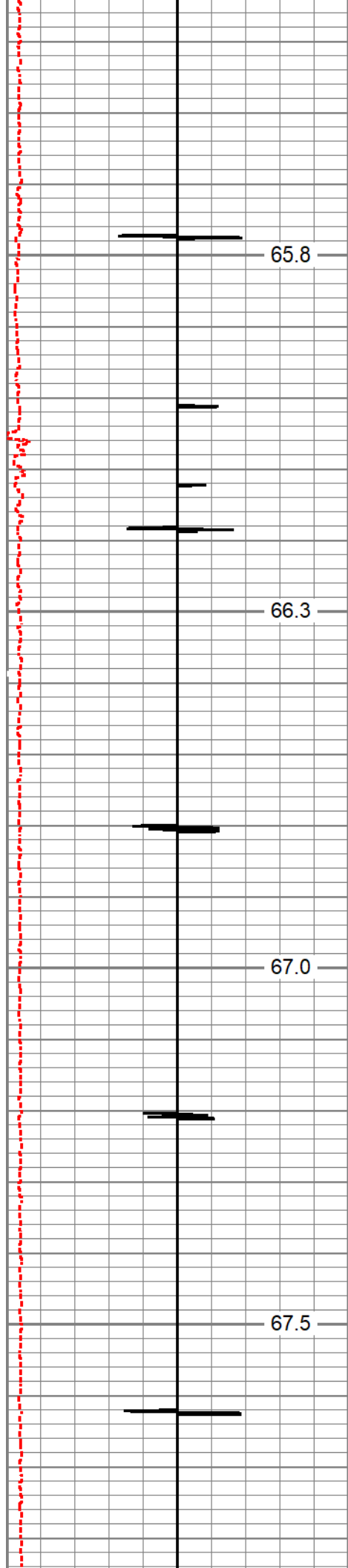
500

550

600

650

700

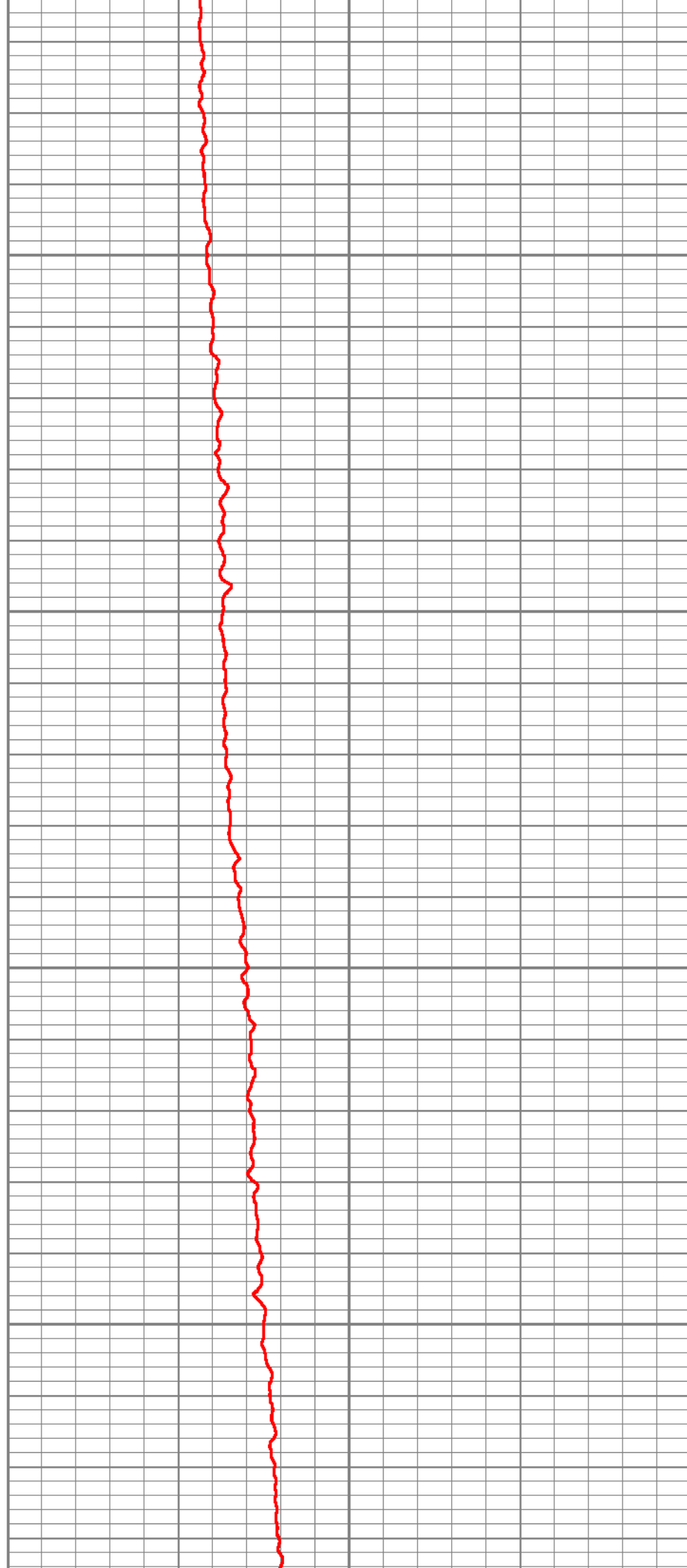


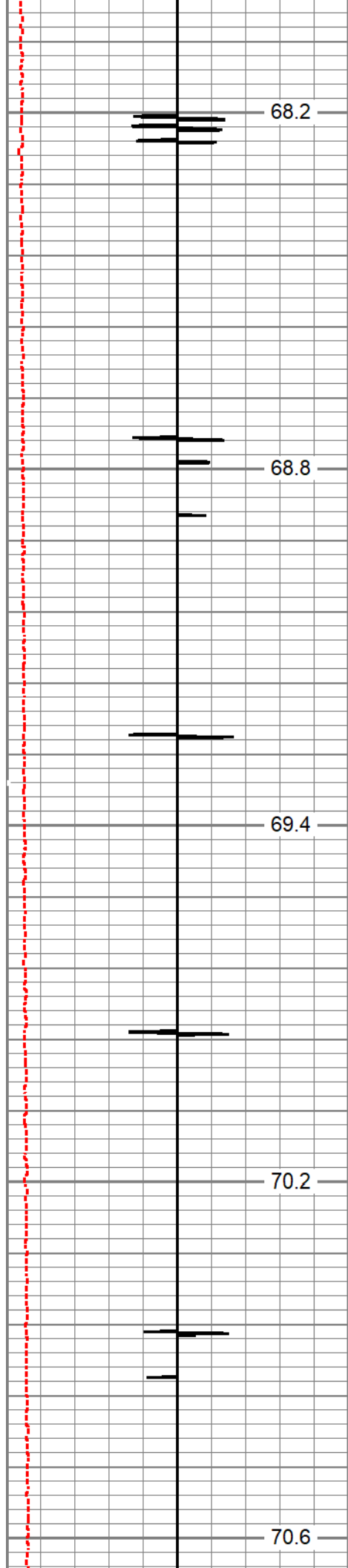
750

800

850

900





68.2

68.8

69.4

70.2

70.6

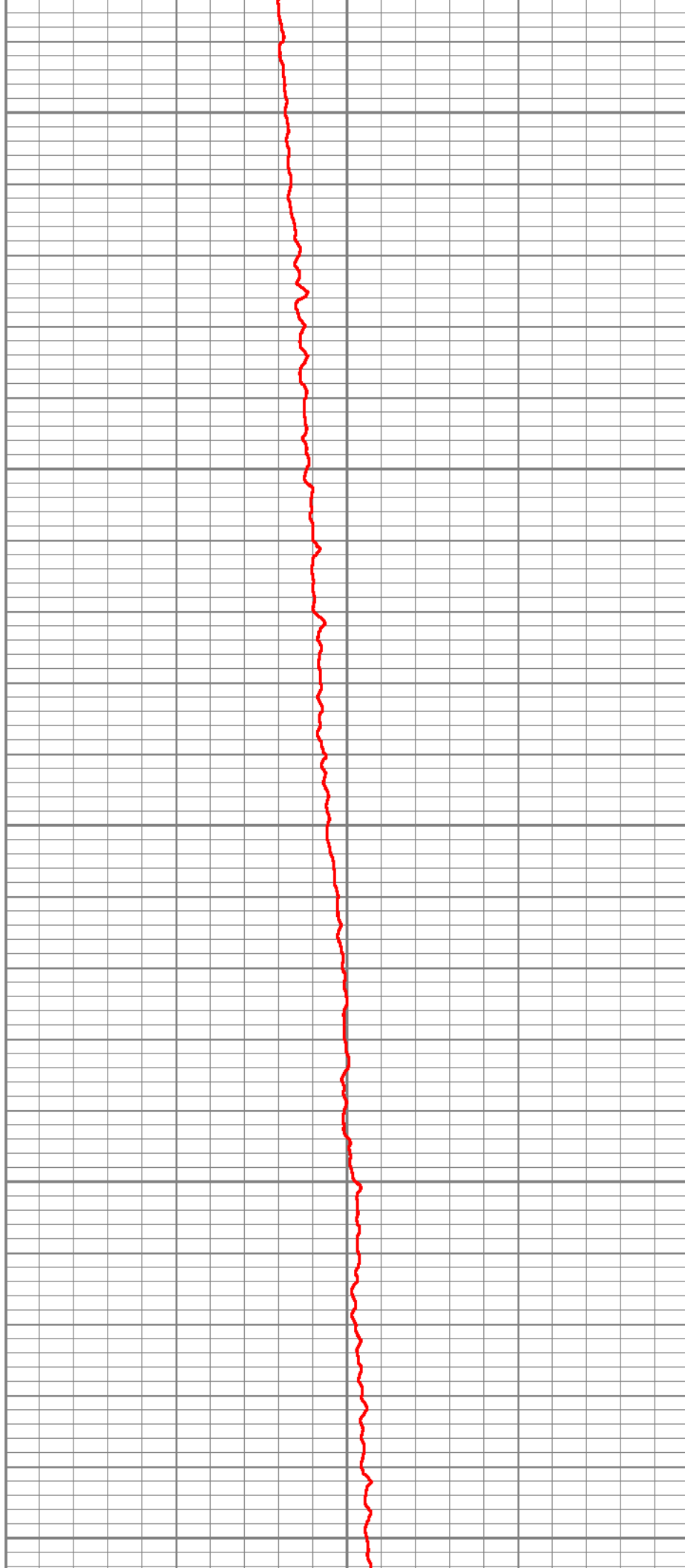
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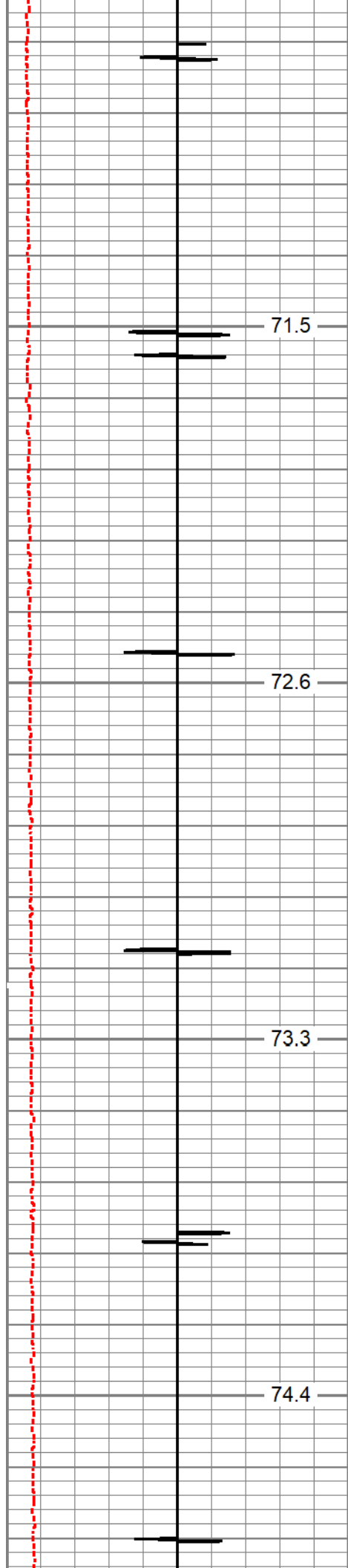
1000

1050

1100

1150





71.5

1200

72.6

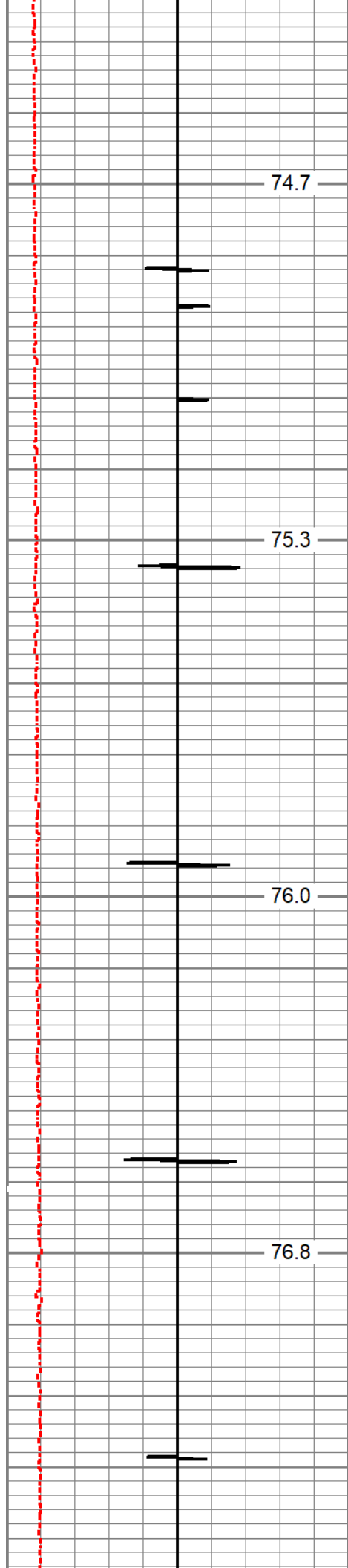
1250

73.3

1300

74.4

1350

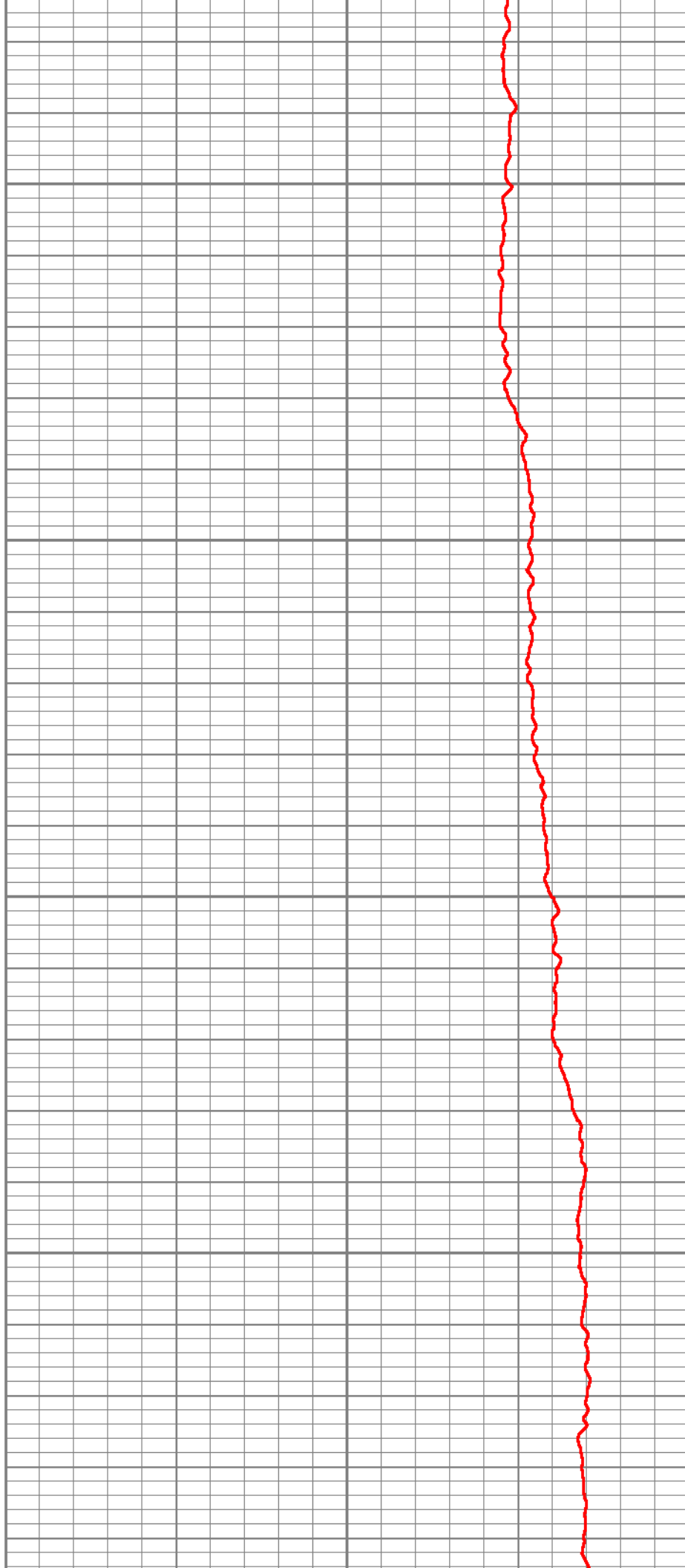


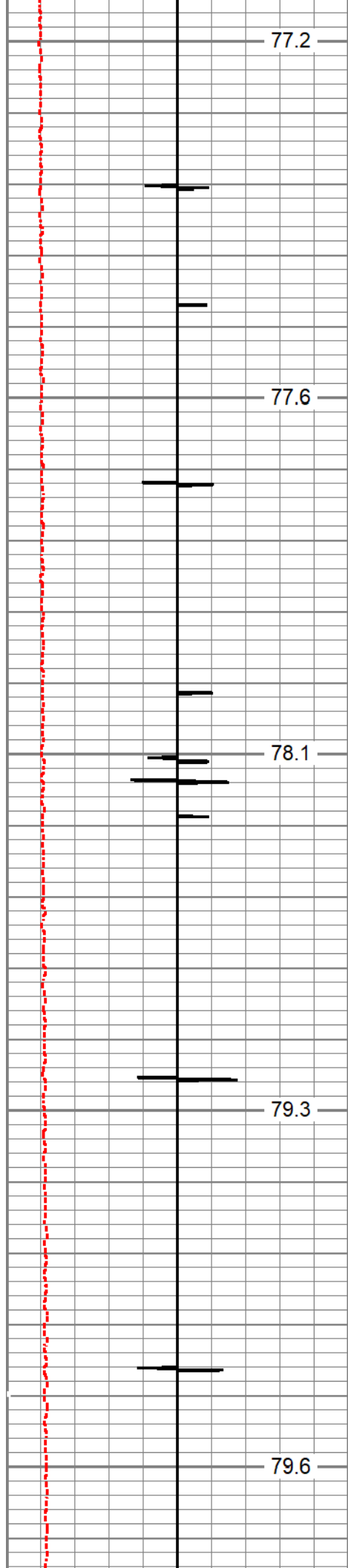
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1450

1500

1550





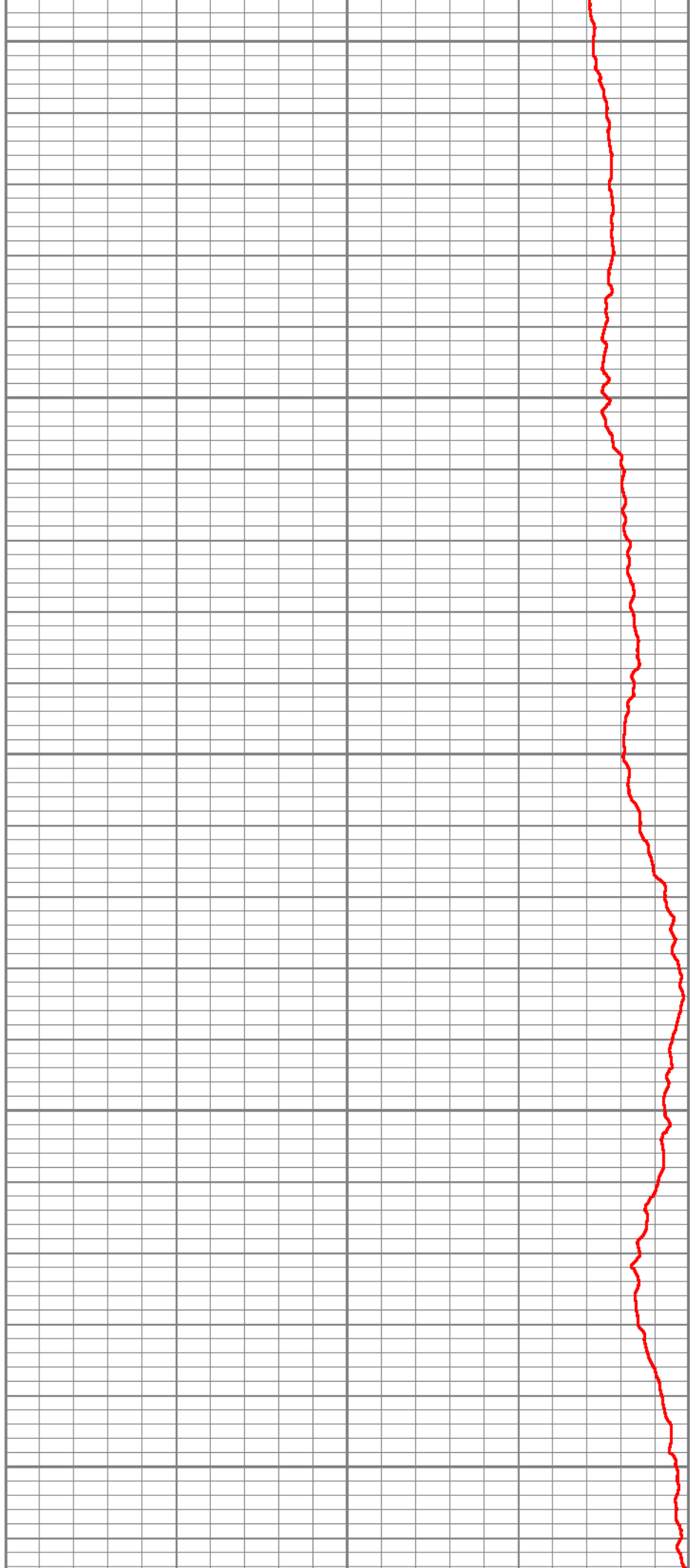
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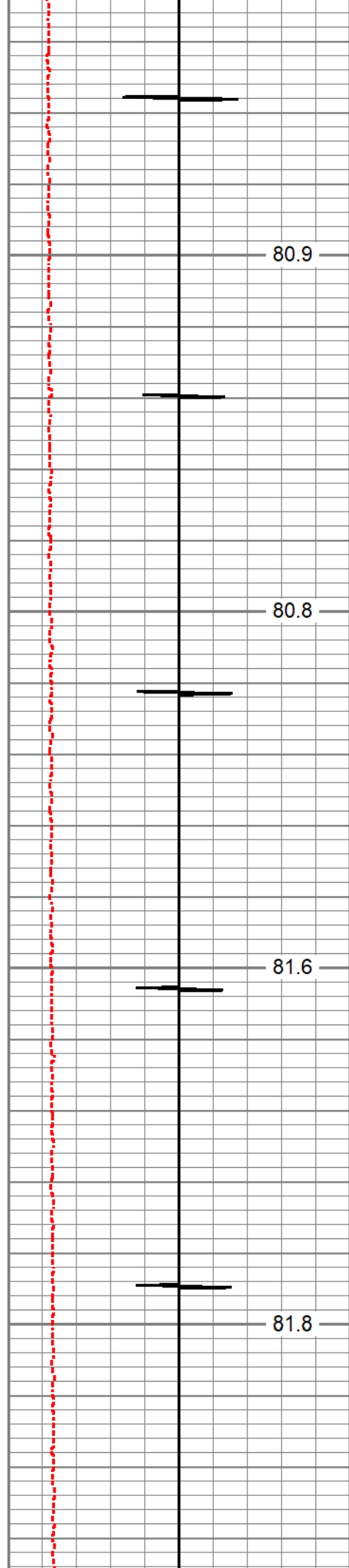
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1700

1750

1800



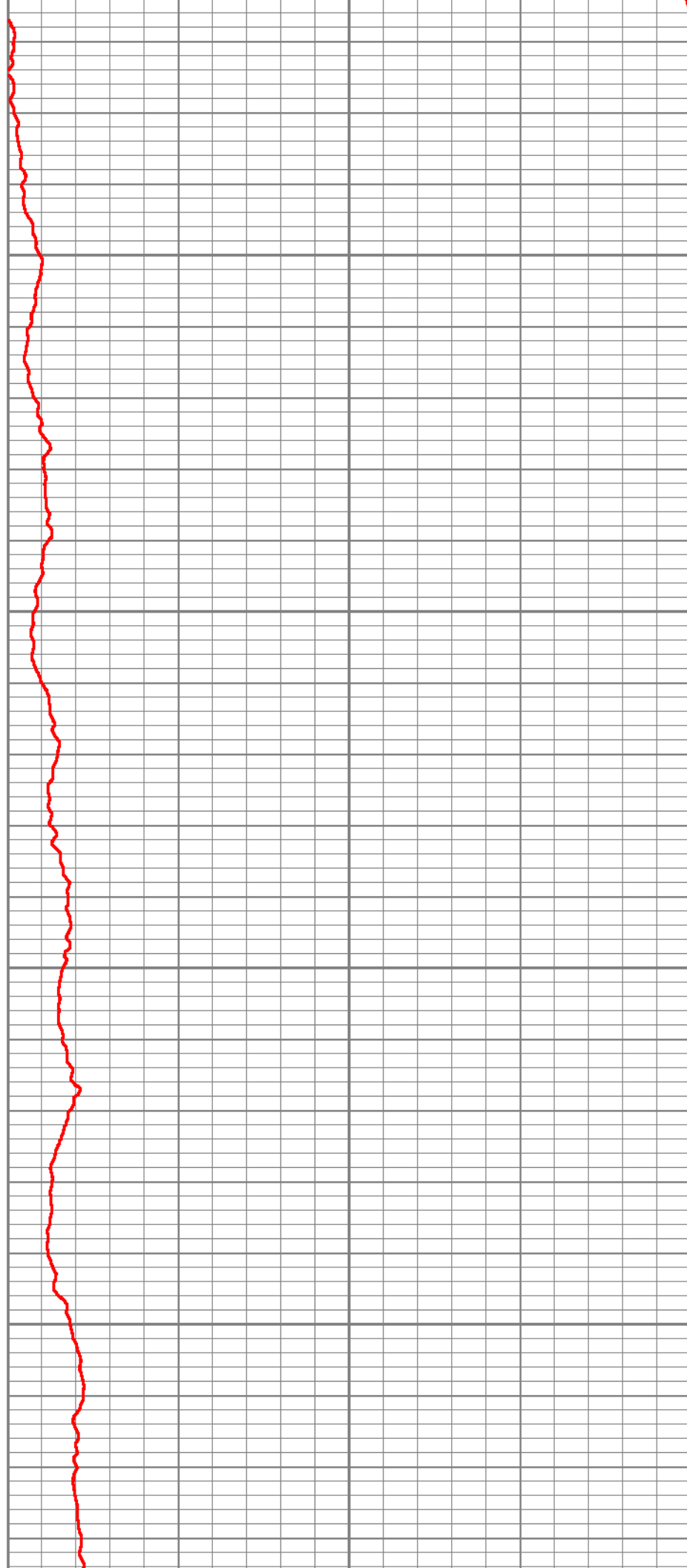


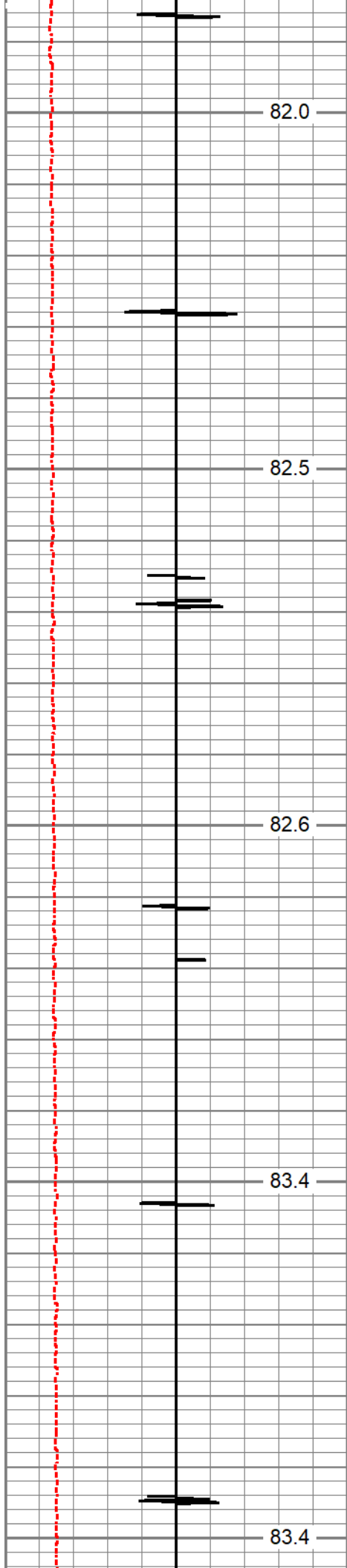
1850

1900

1950

2000





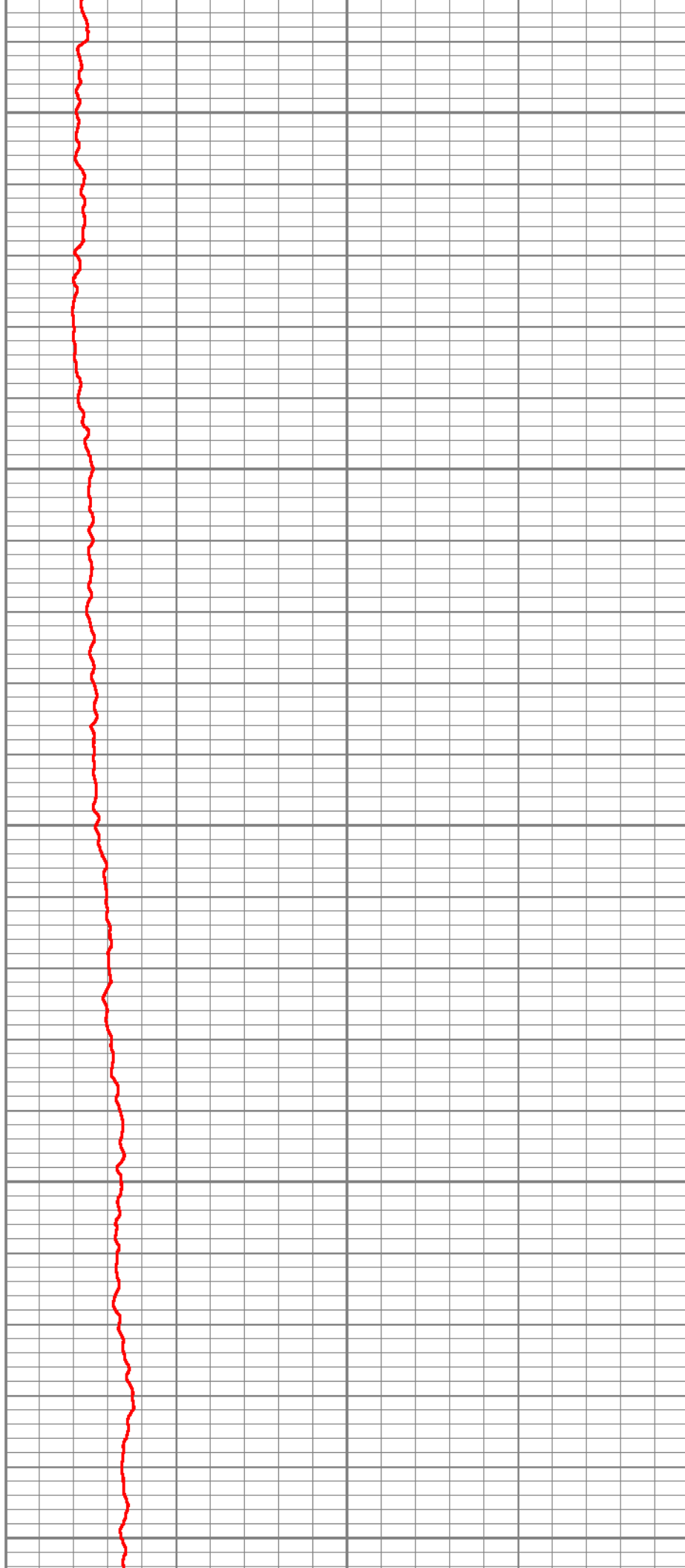
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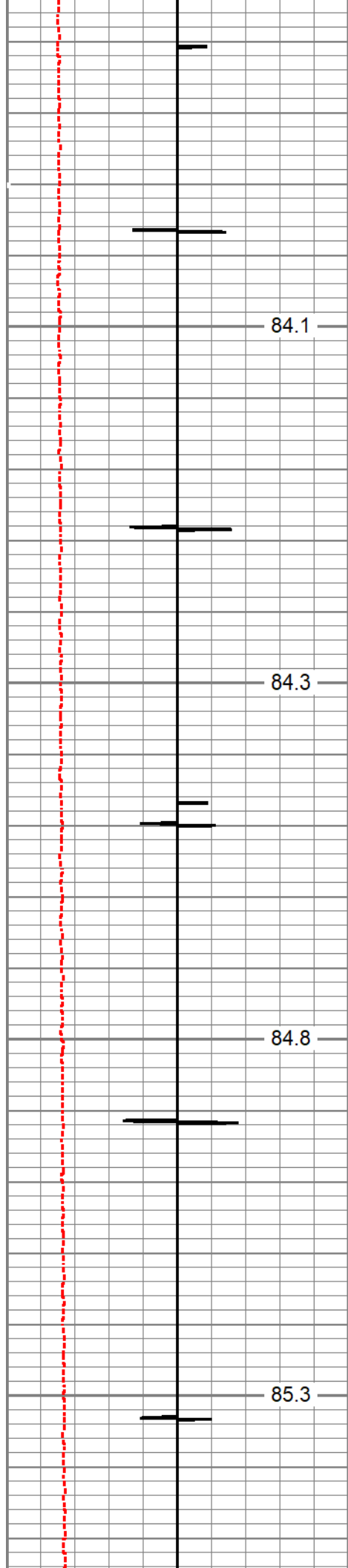
2100

2150

2200

2250





84.1

2300

84.3

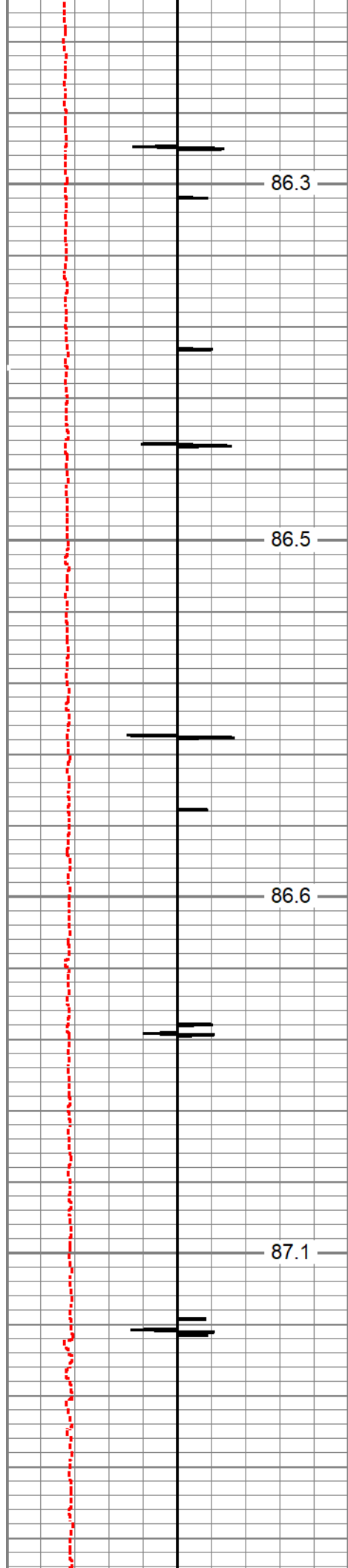
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84.8

2400

85.3

2450



86.3

2500

86.5

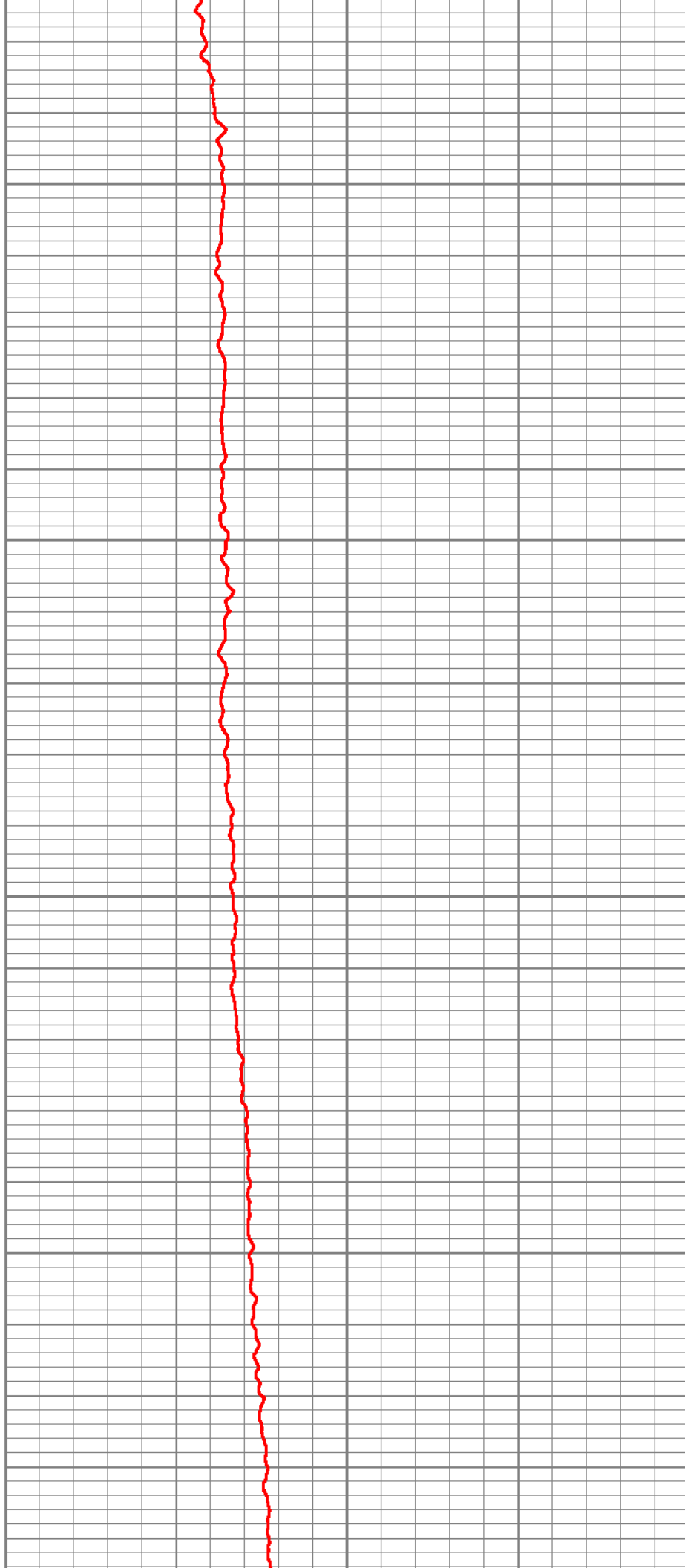
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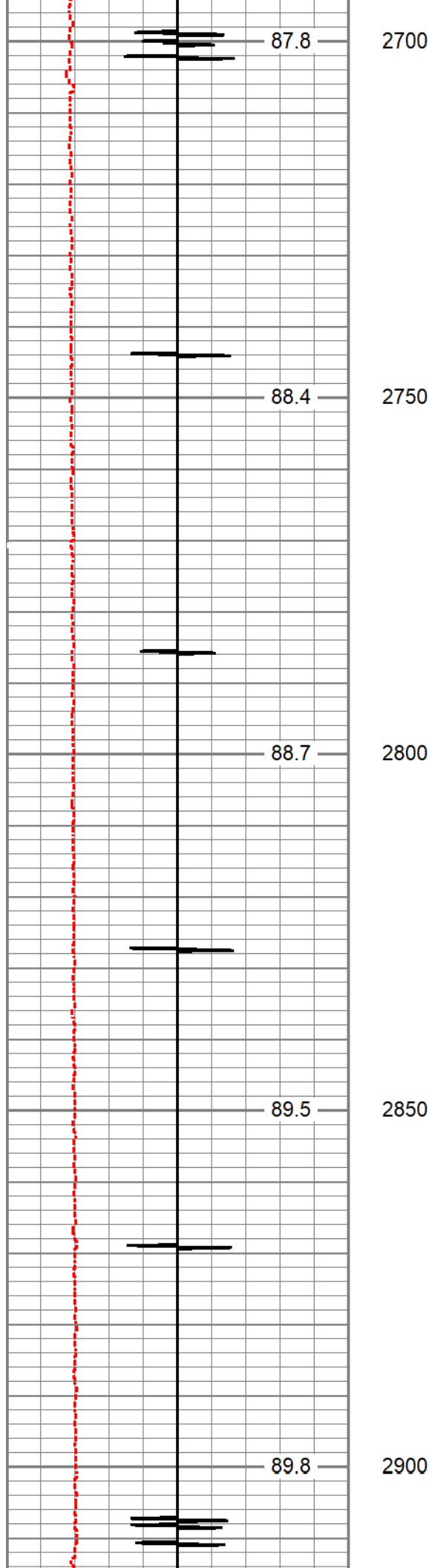
86.6

2600

87.1

2650





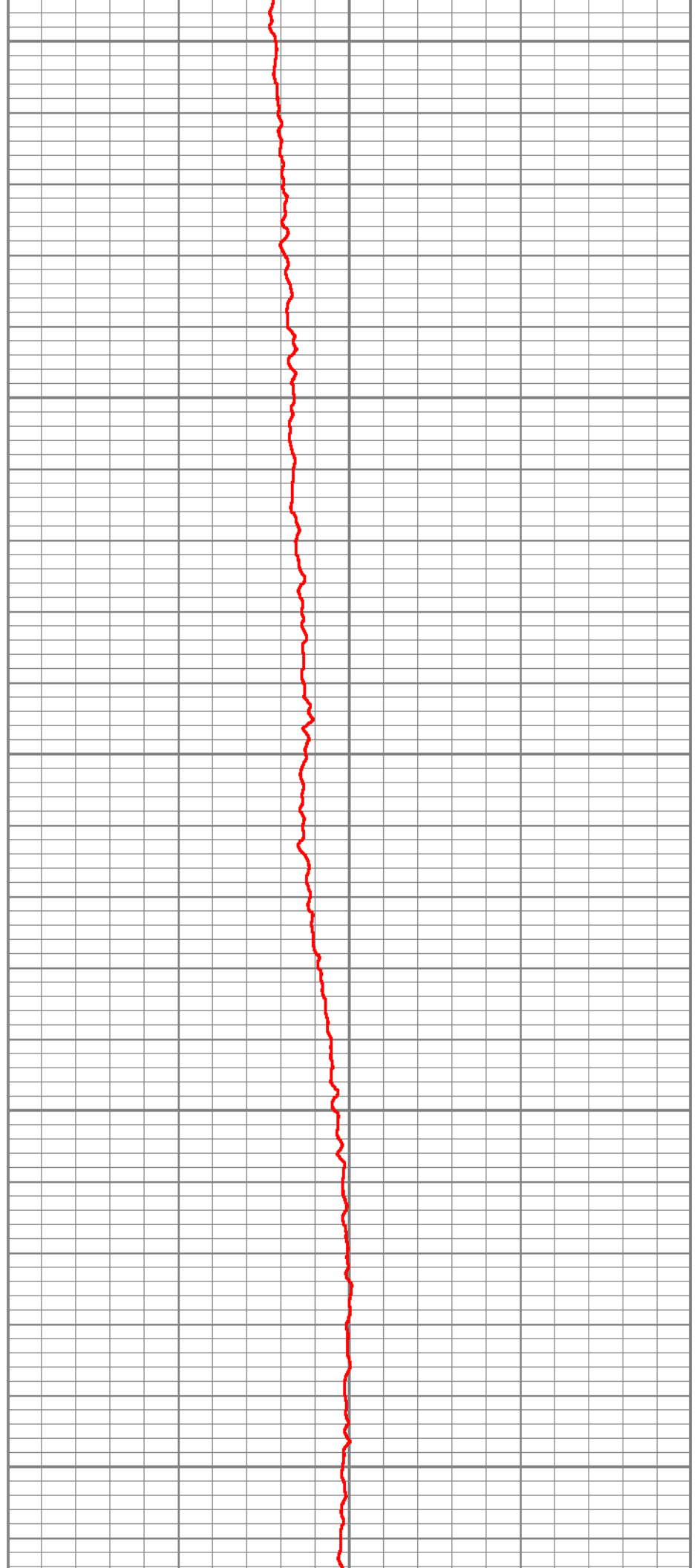
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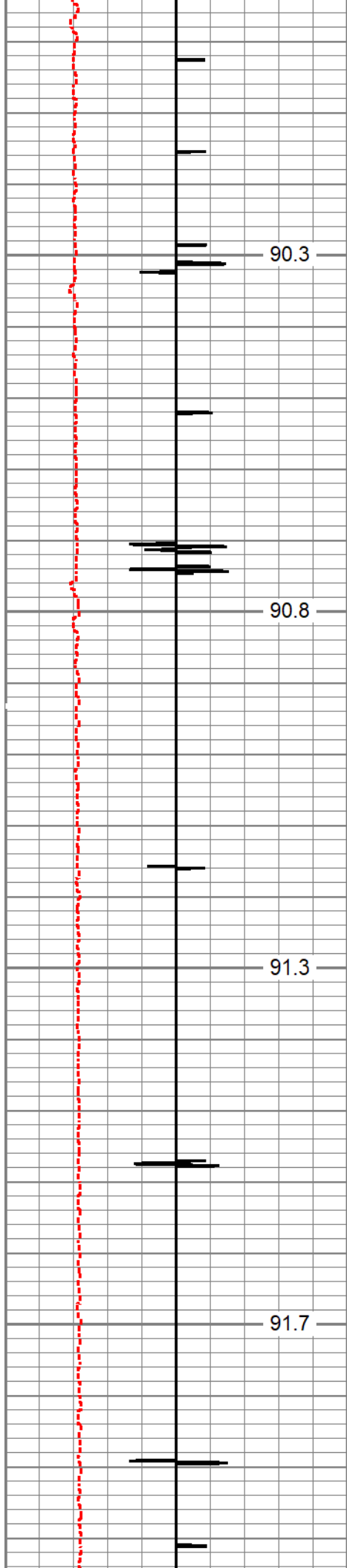
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2800

2850

2900



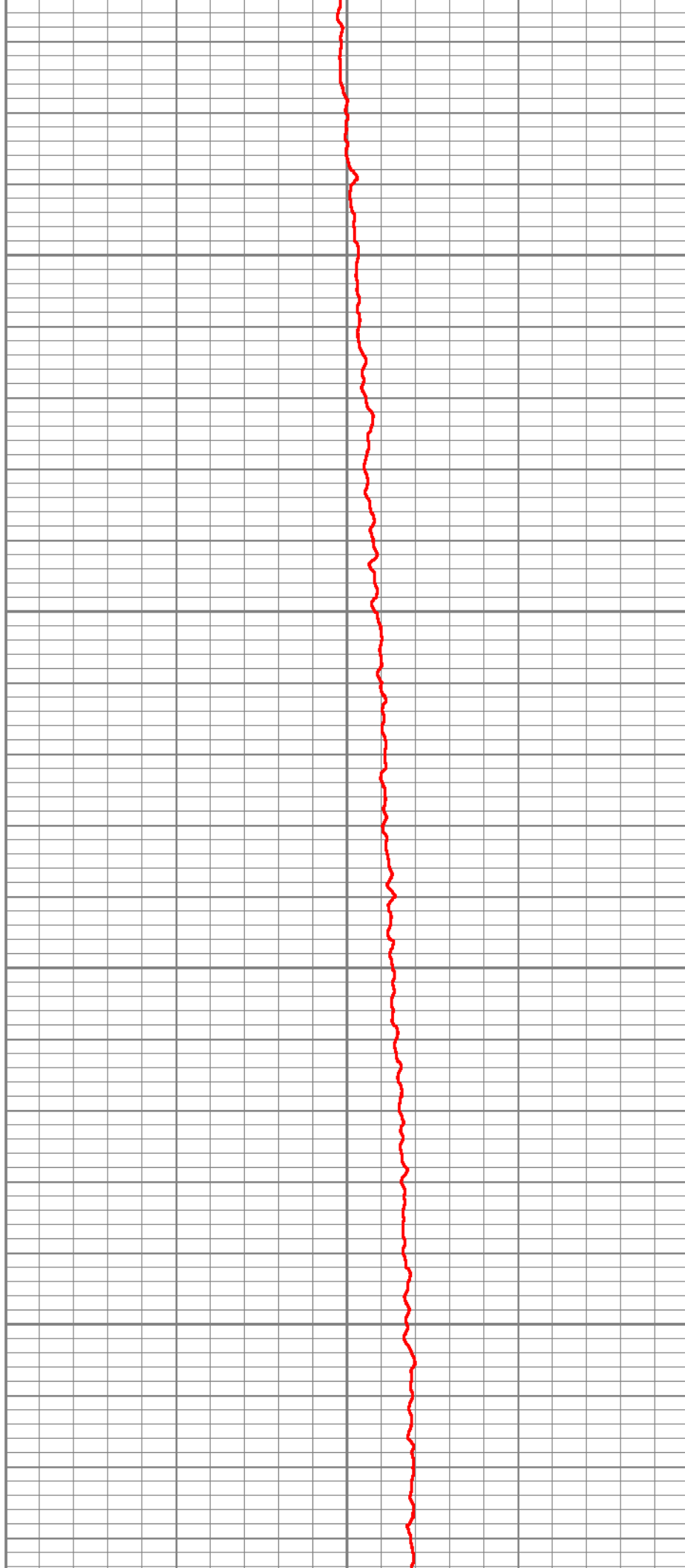


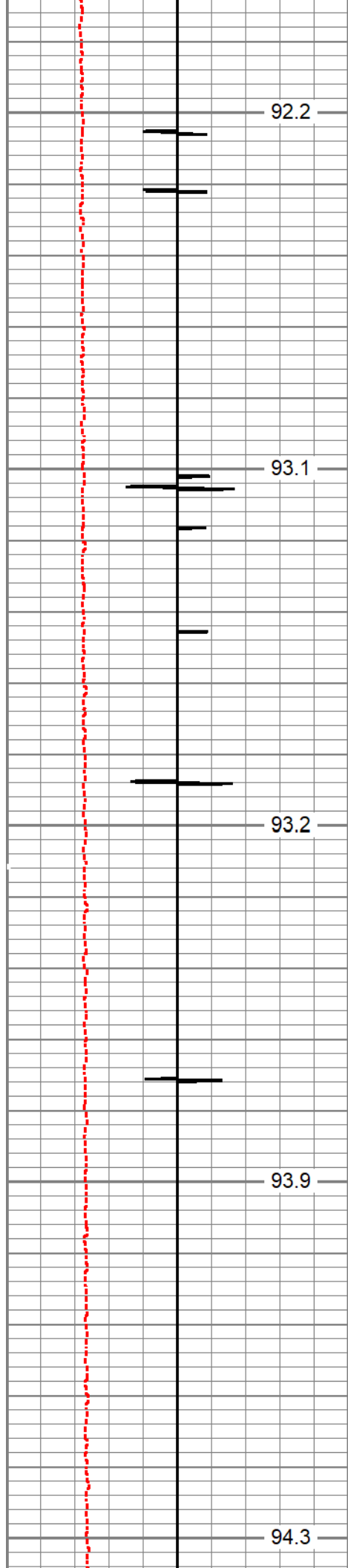
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3000

3050

3100





92.2

93.1

93.2

93.9

94.3

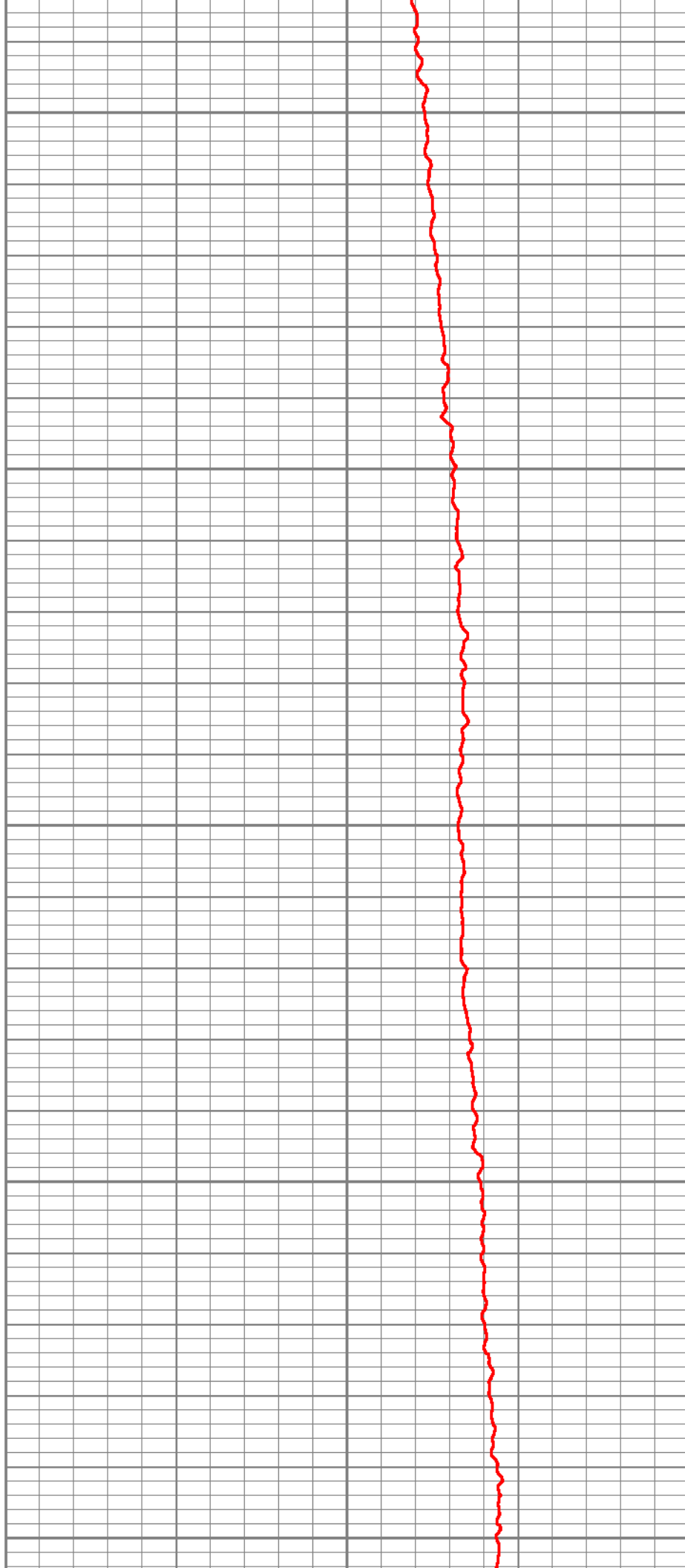
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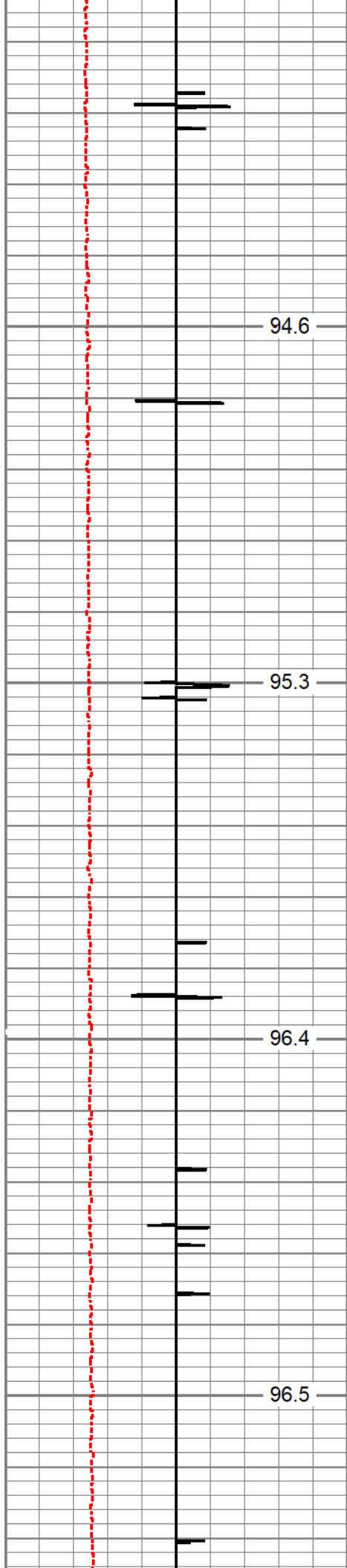
3200

3250

3300

3350



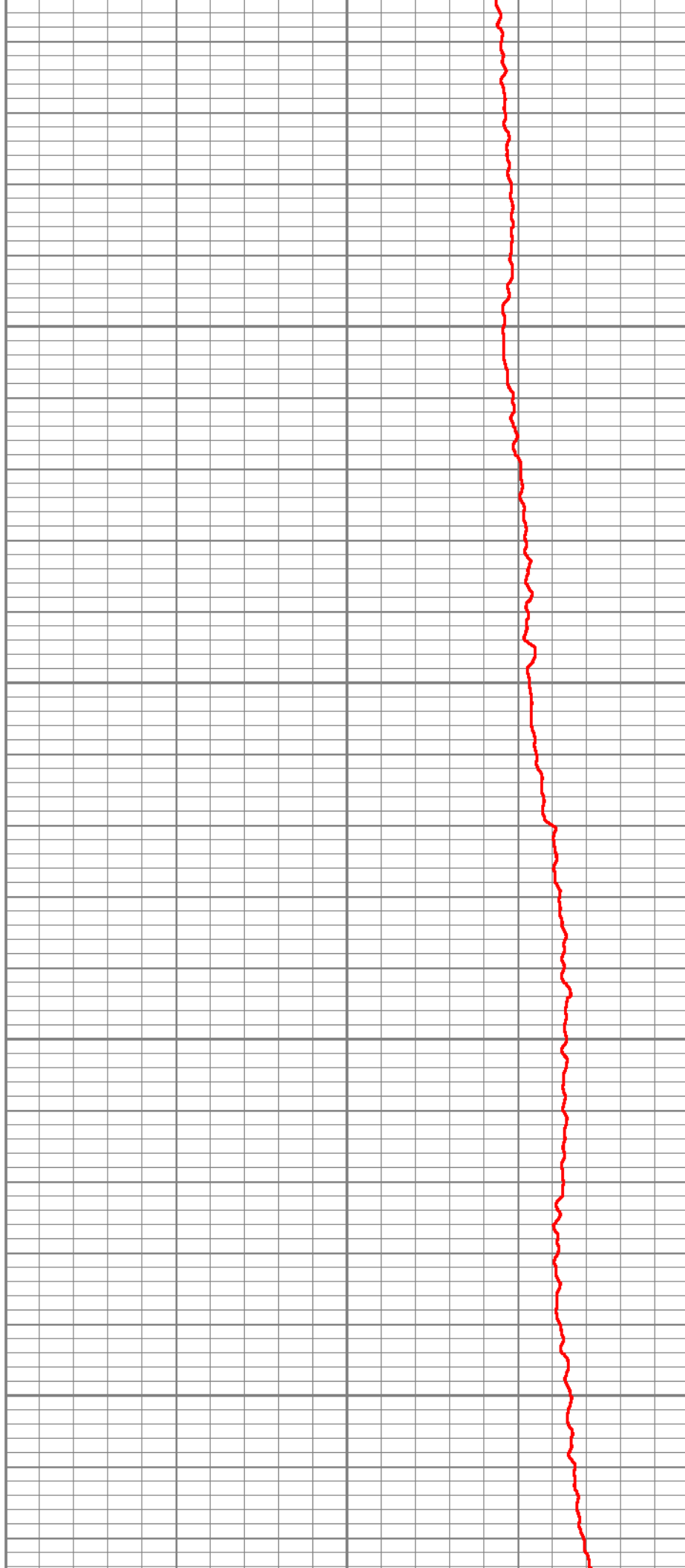


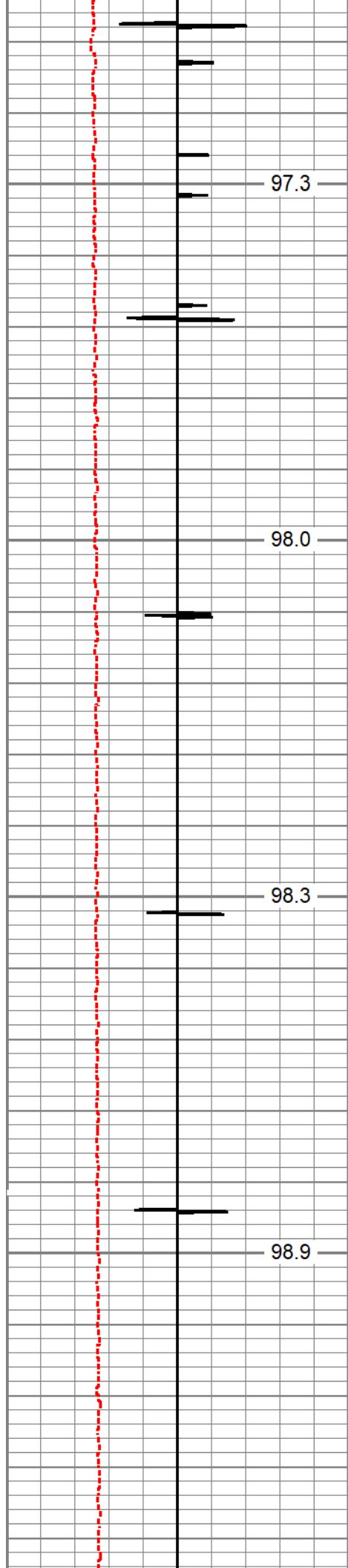
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3450

3500

3550





97.3

98.0

98.3

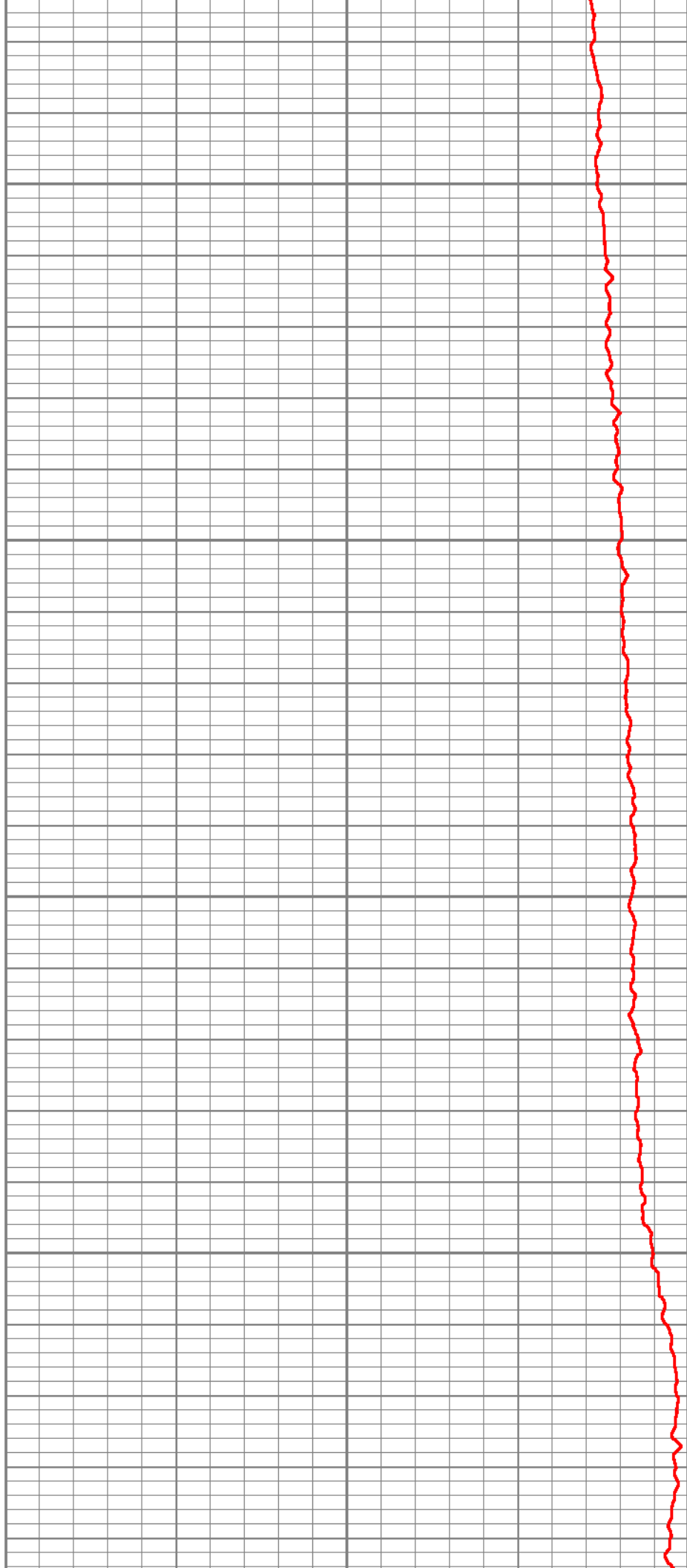
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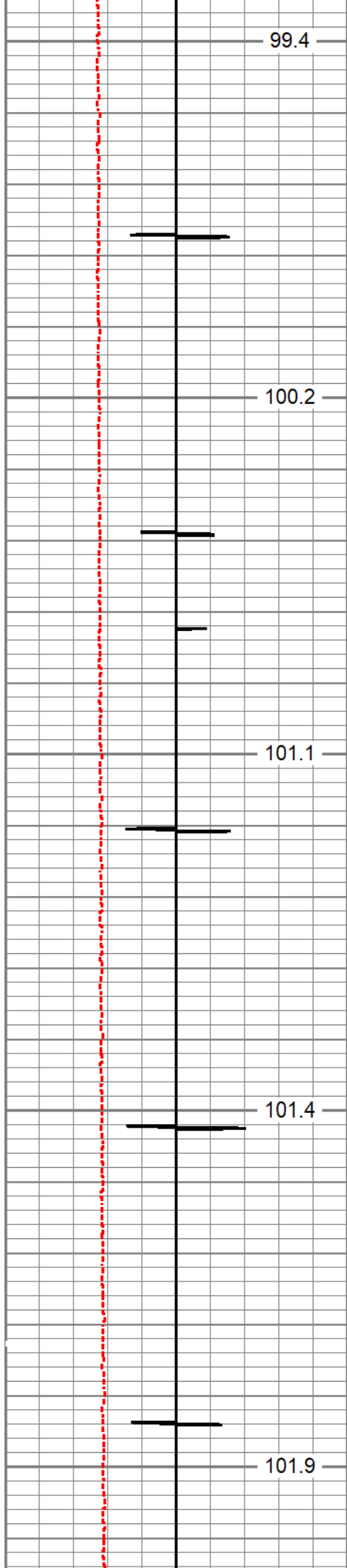
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3650

3700

3750





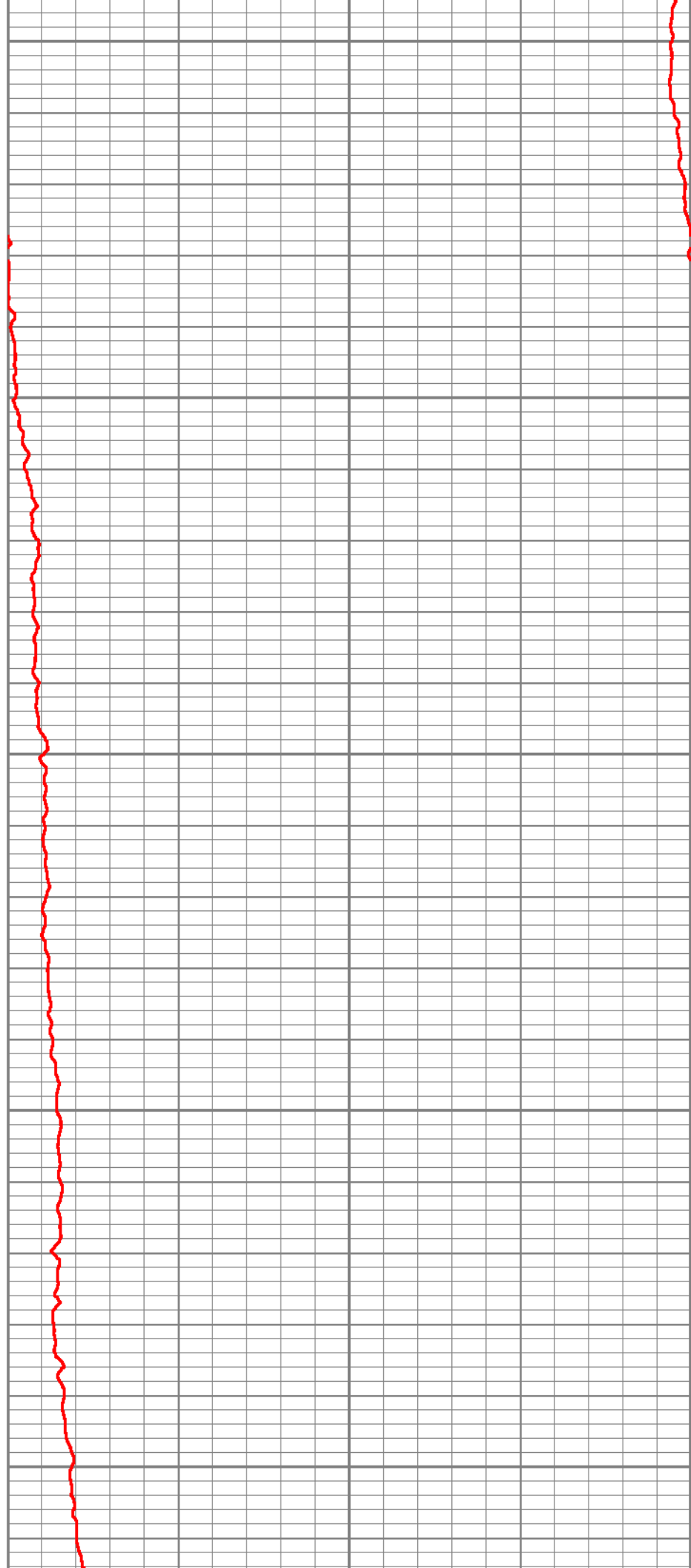
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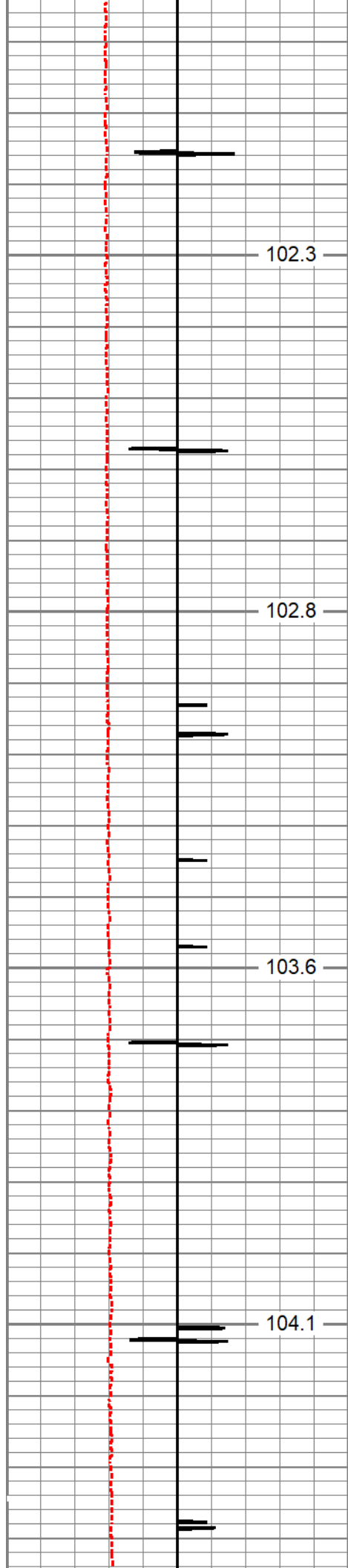
3850

3900

3950

4000



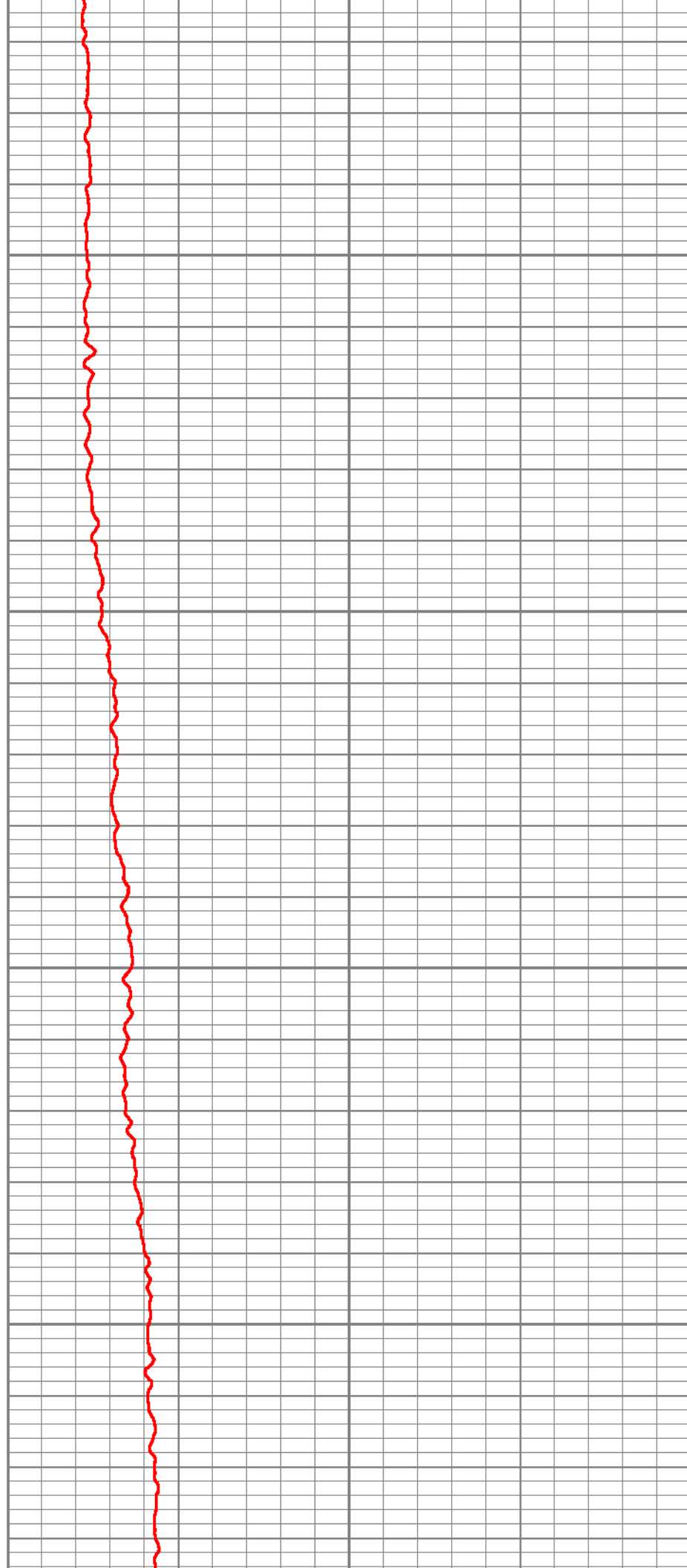


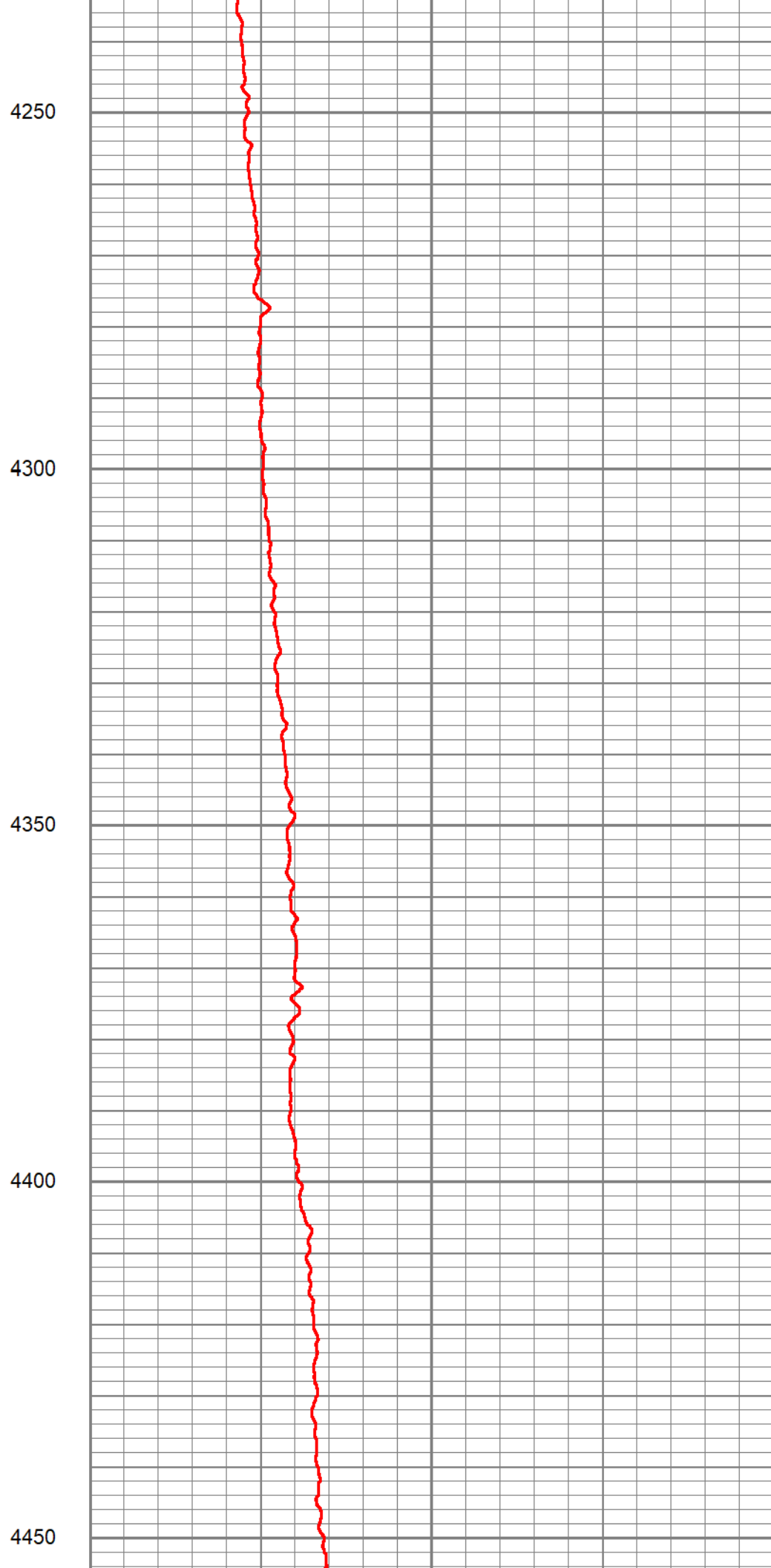
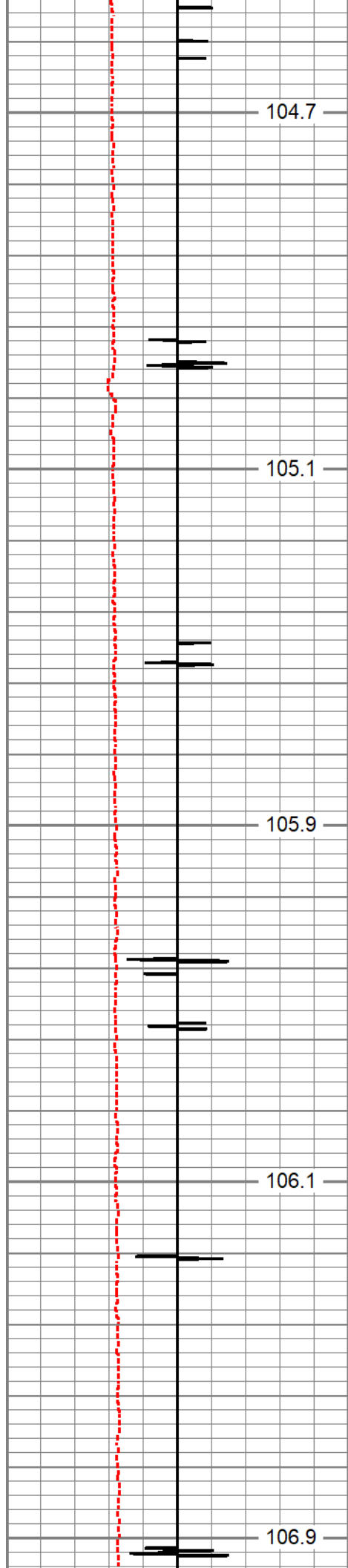
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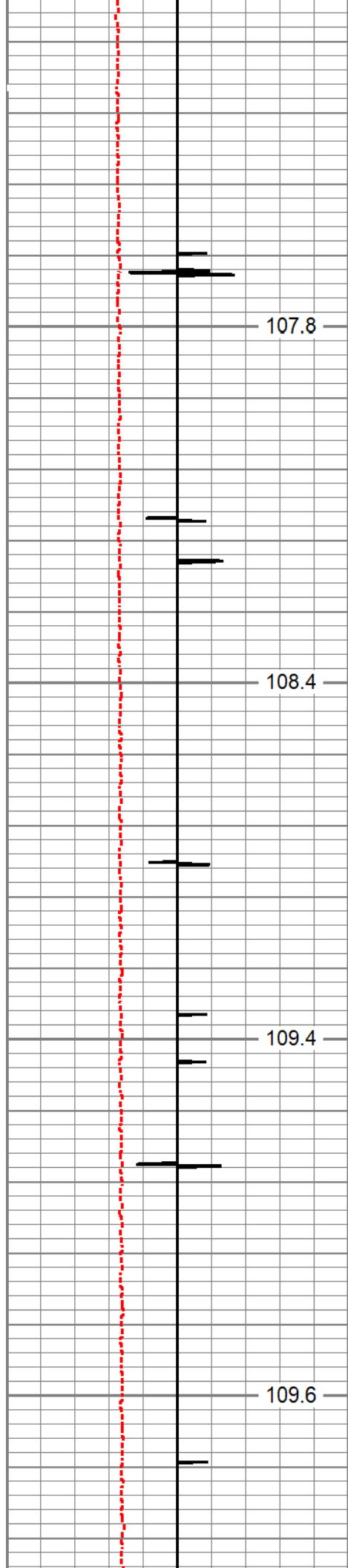
4100

4150

4200







107.8

4500

108.4

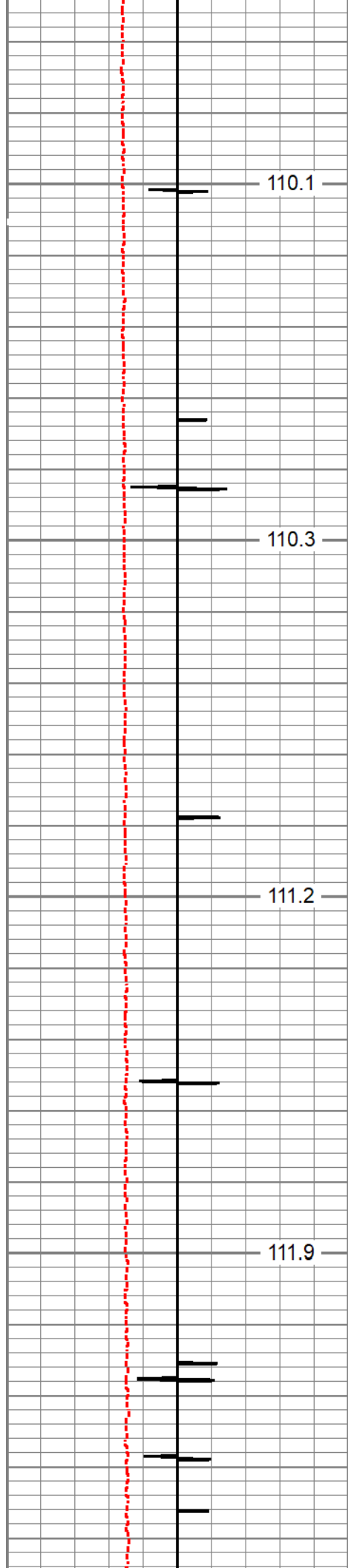
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109.4

4600

109.6

4650



110.1

4700

110.3

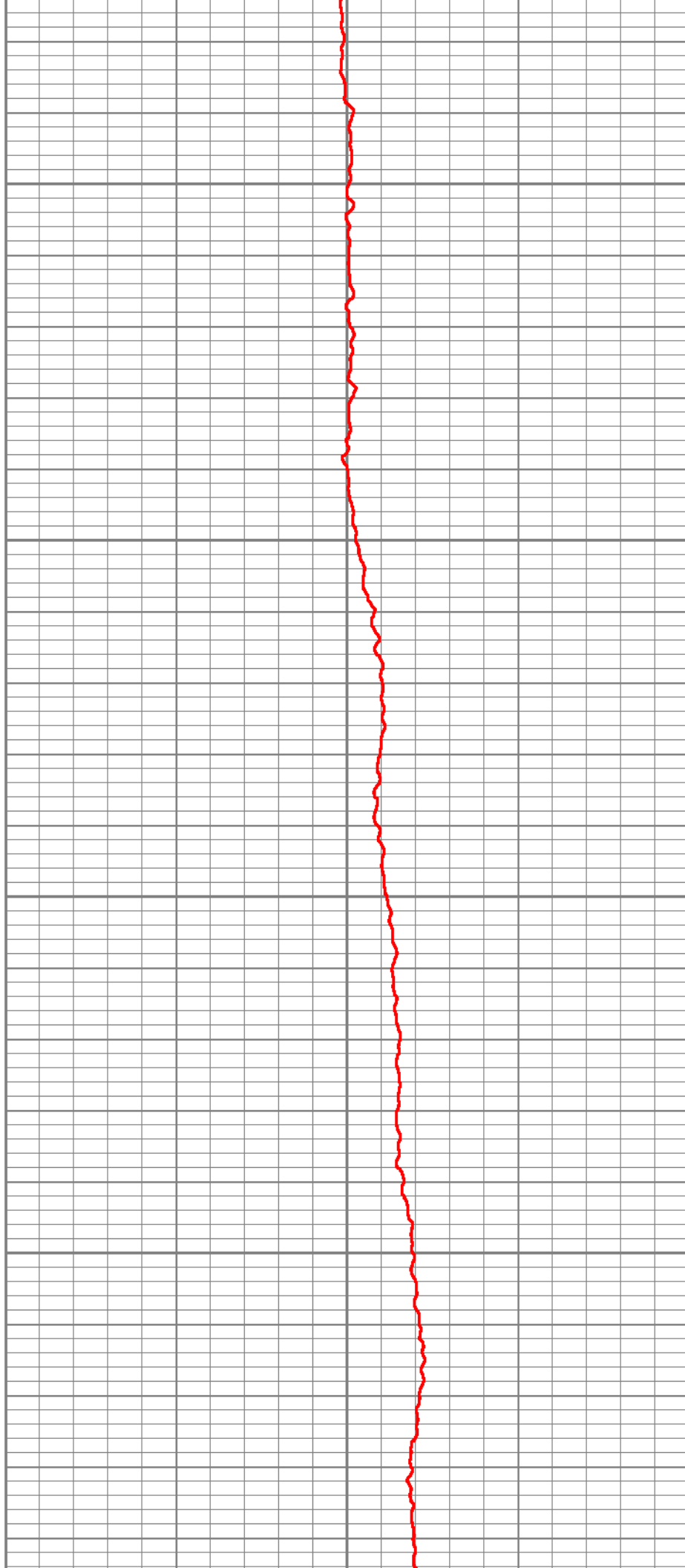
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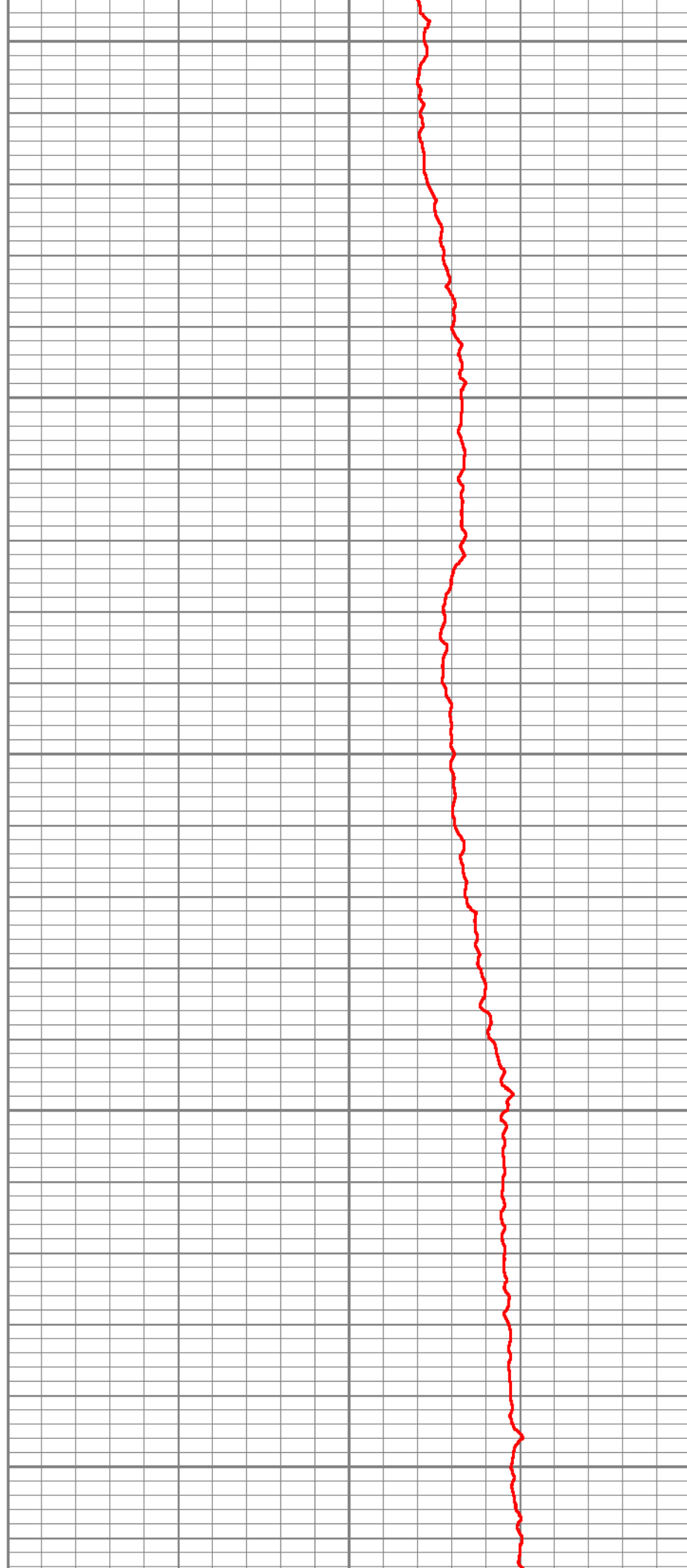
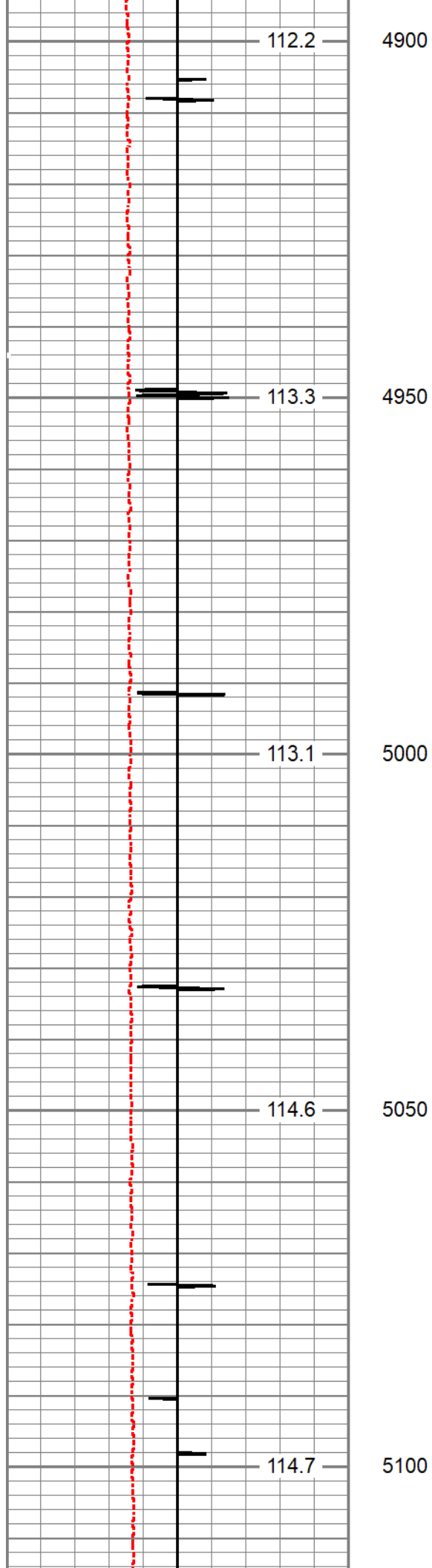
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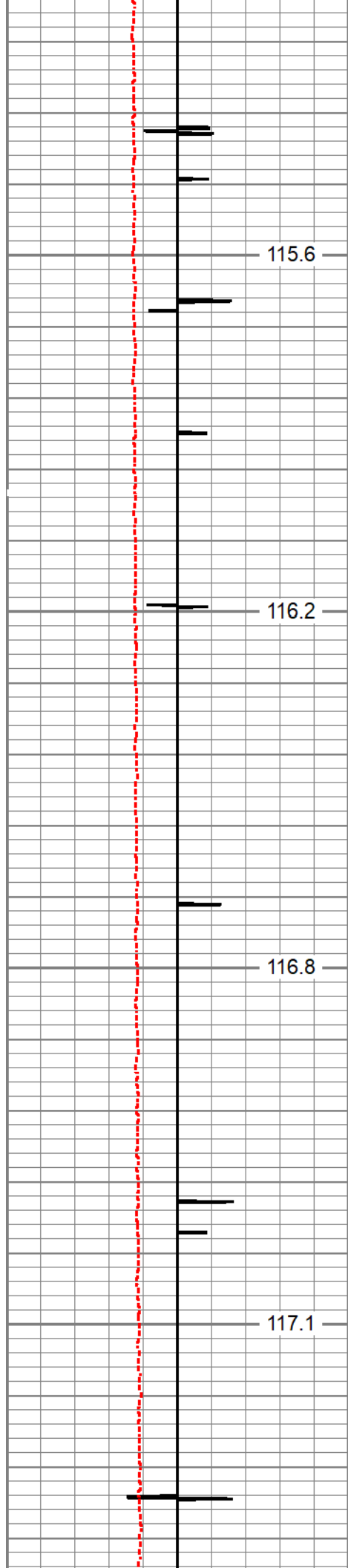
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111.9

4850





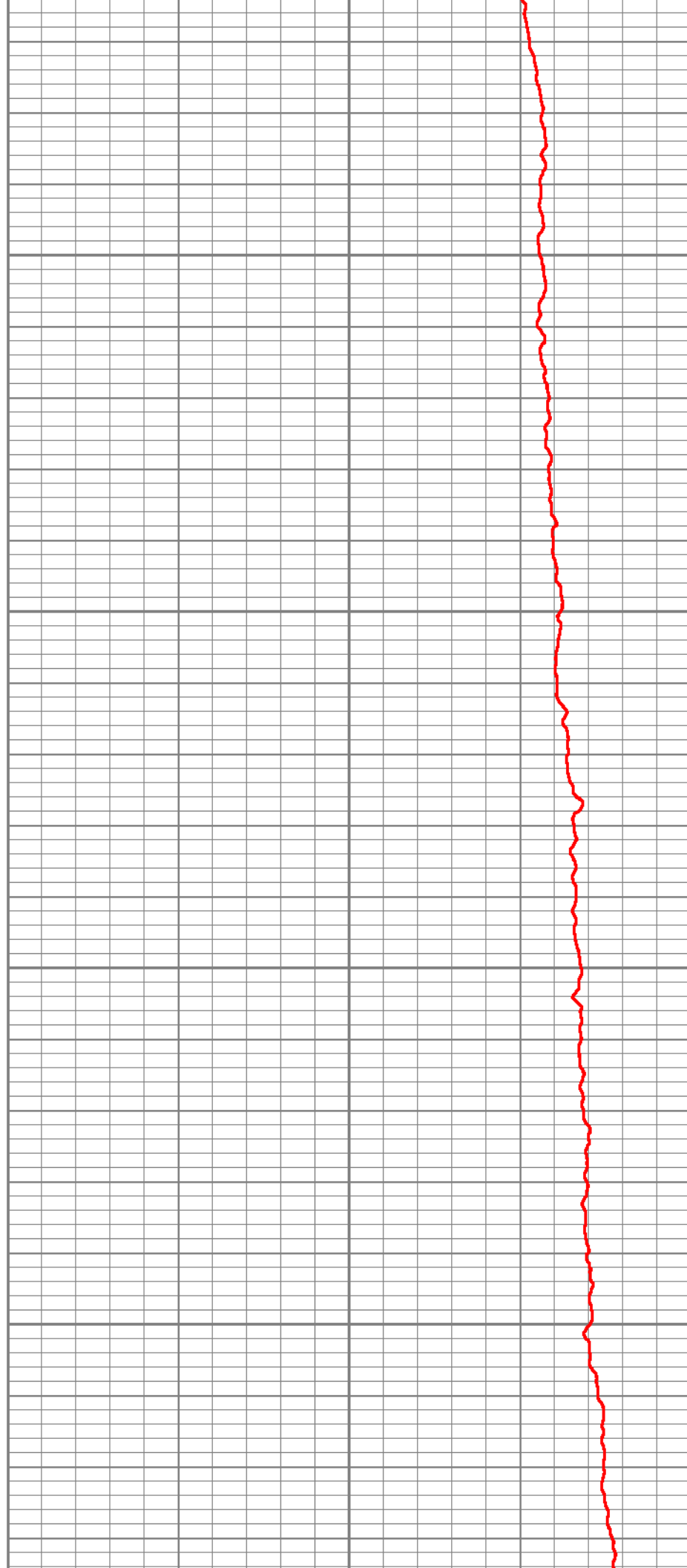


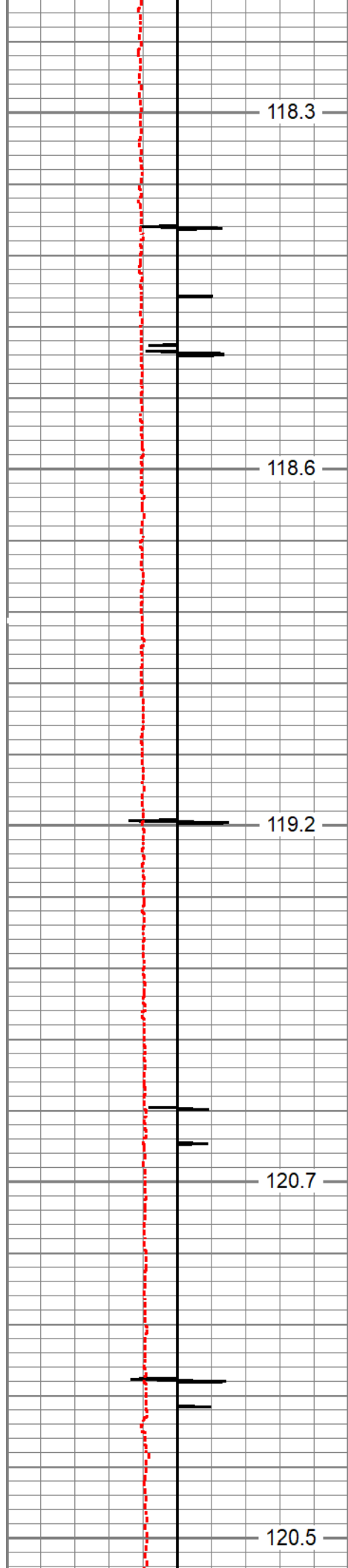
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5200

5250

5300





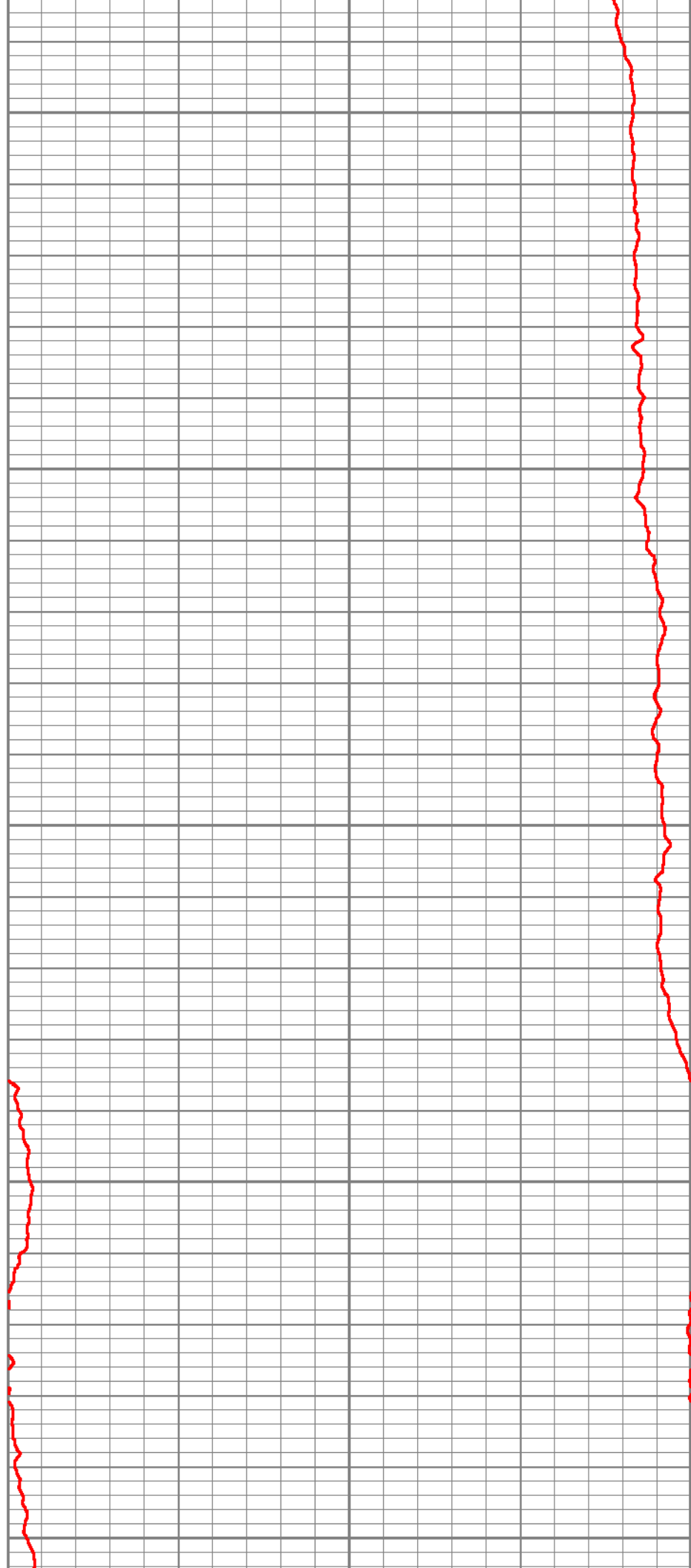
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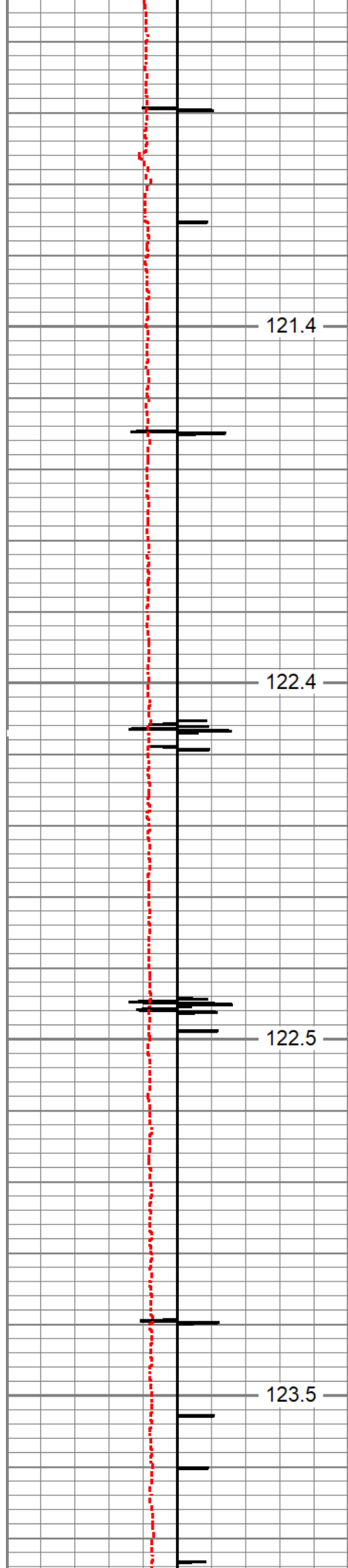
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5450

5500

5550



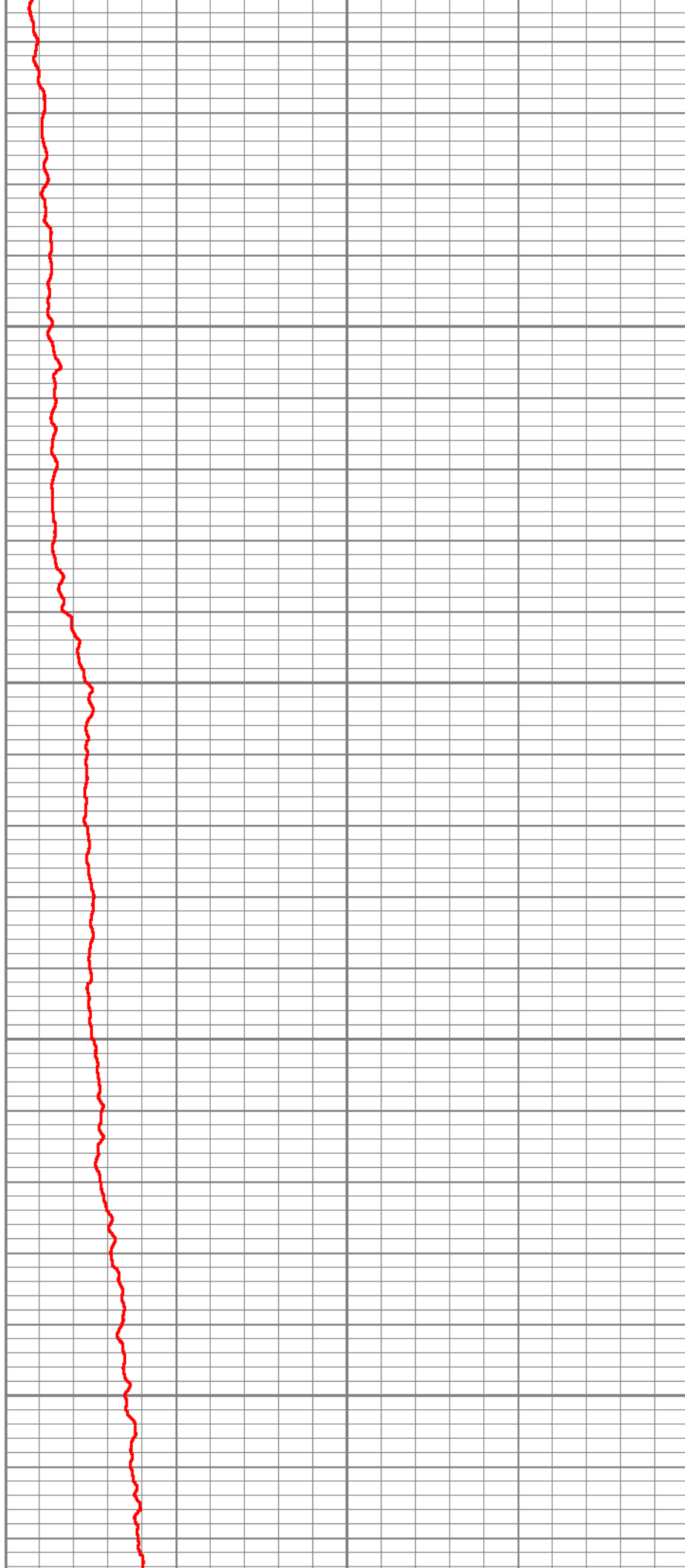


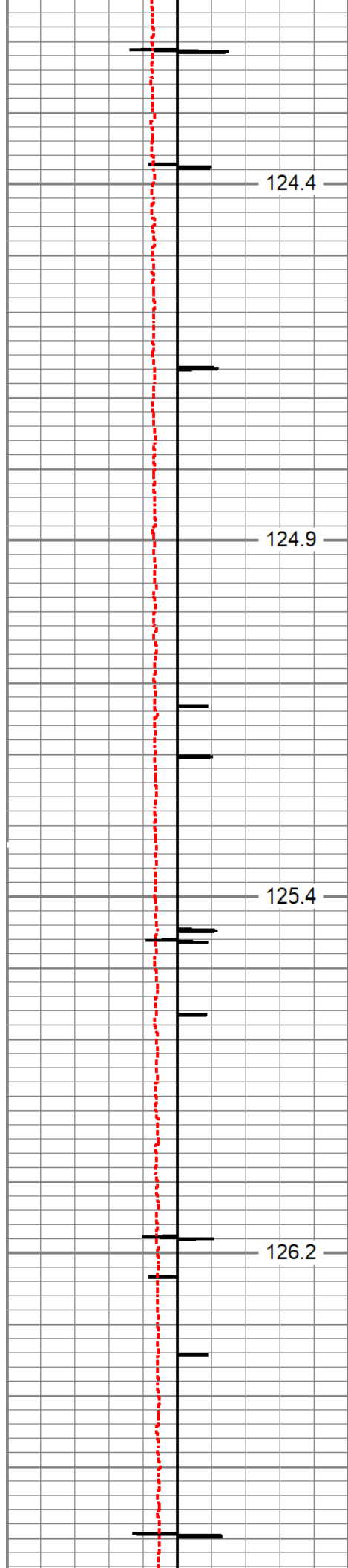
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5700

5750



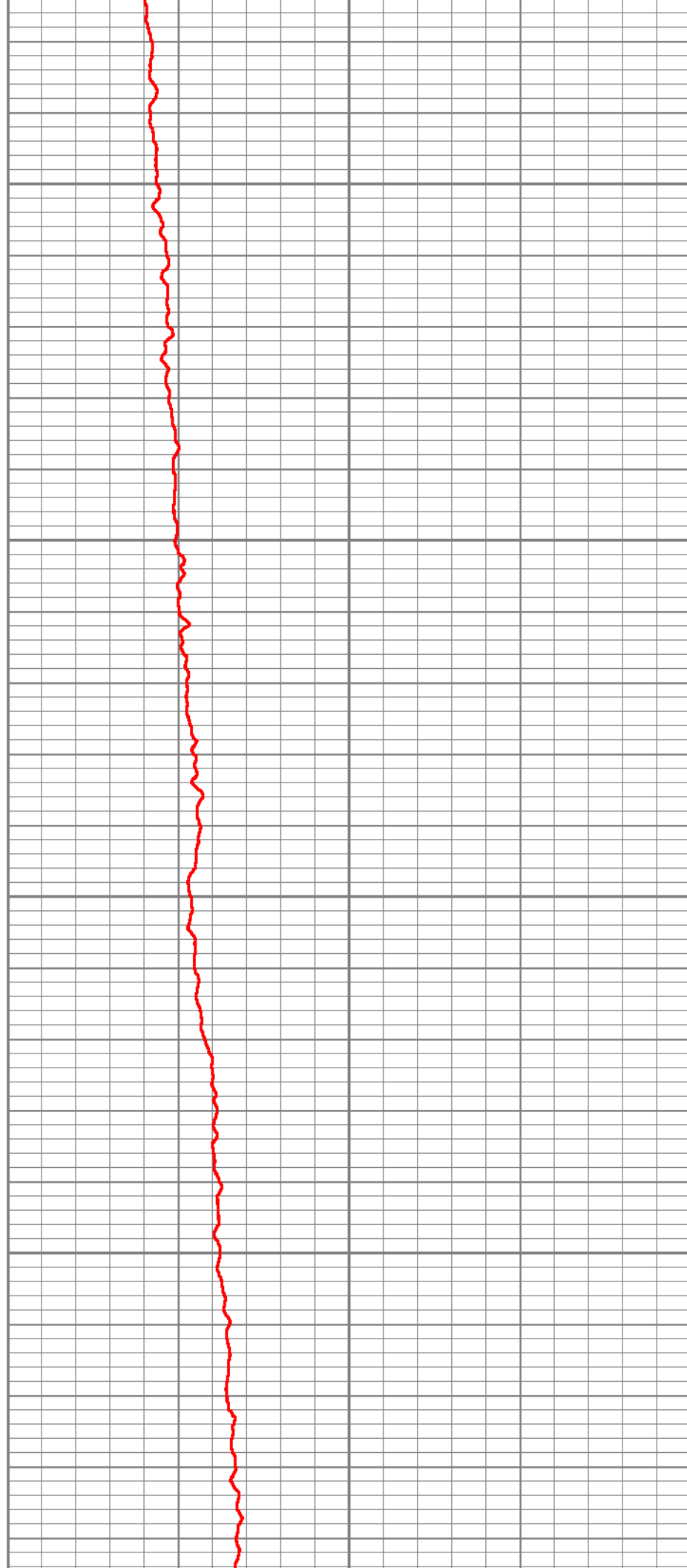


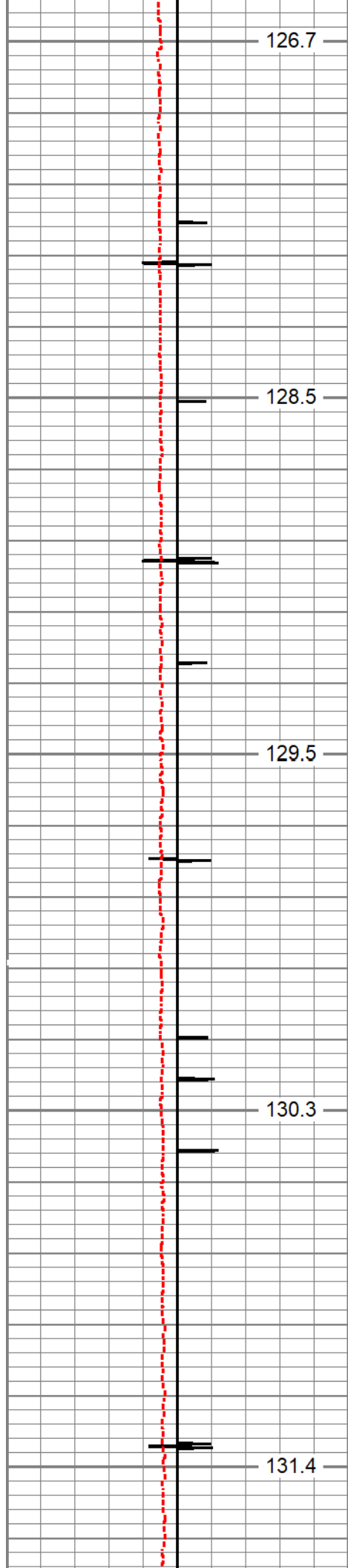
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5850

5900

5950





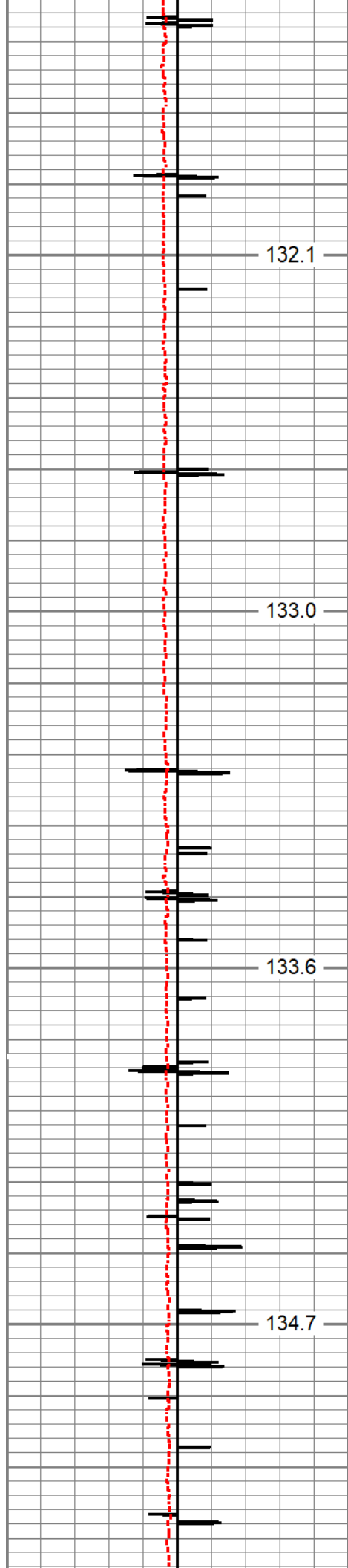
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6050

6100

6150

6200



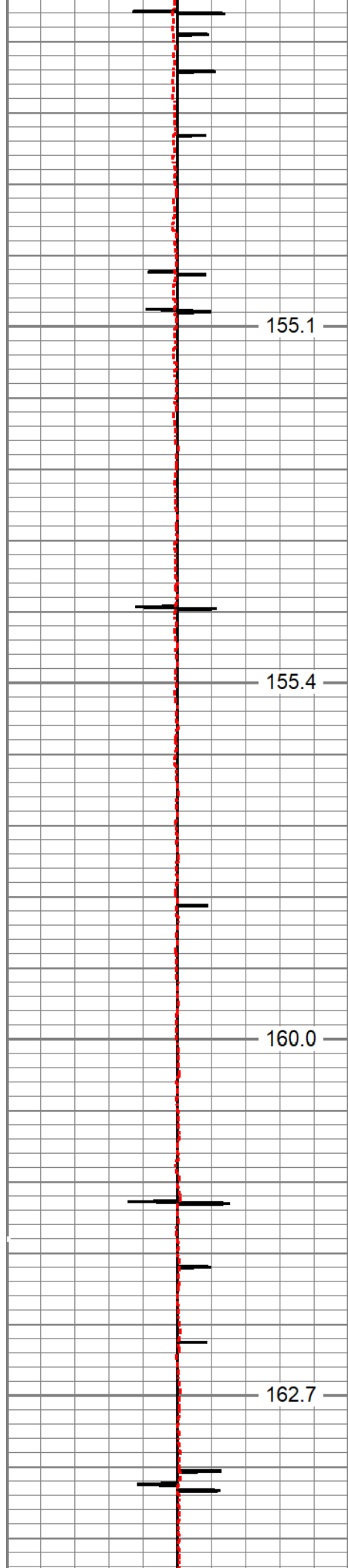
6250

6300

6350

6400

Estimated Top of Cement →

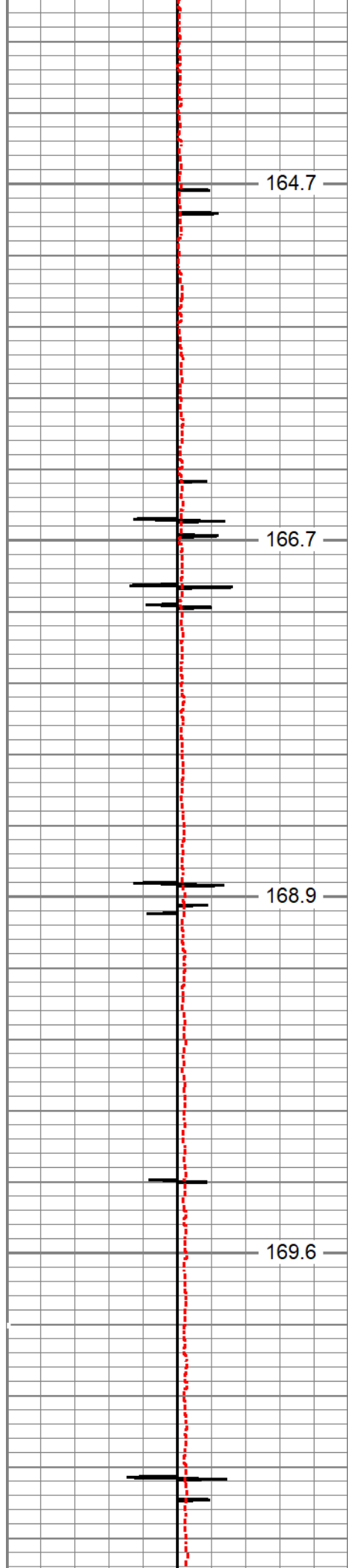


6700

6750

6800

6850

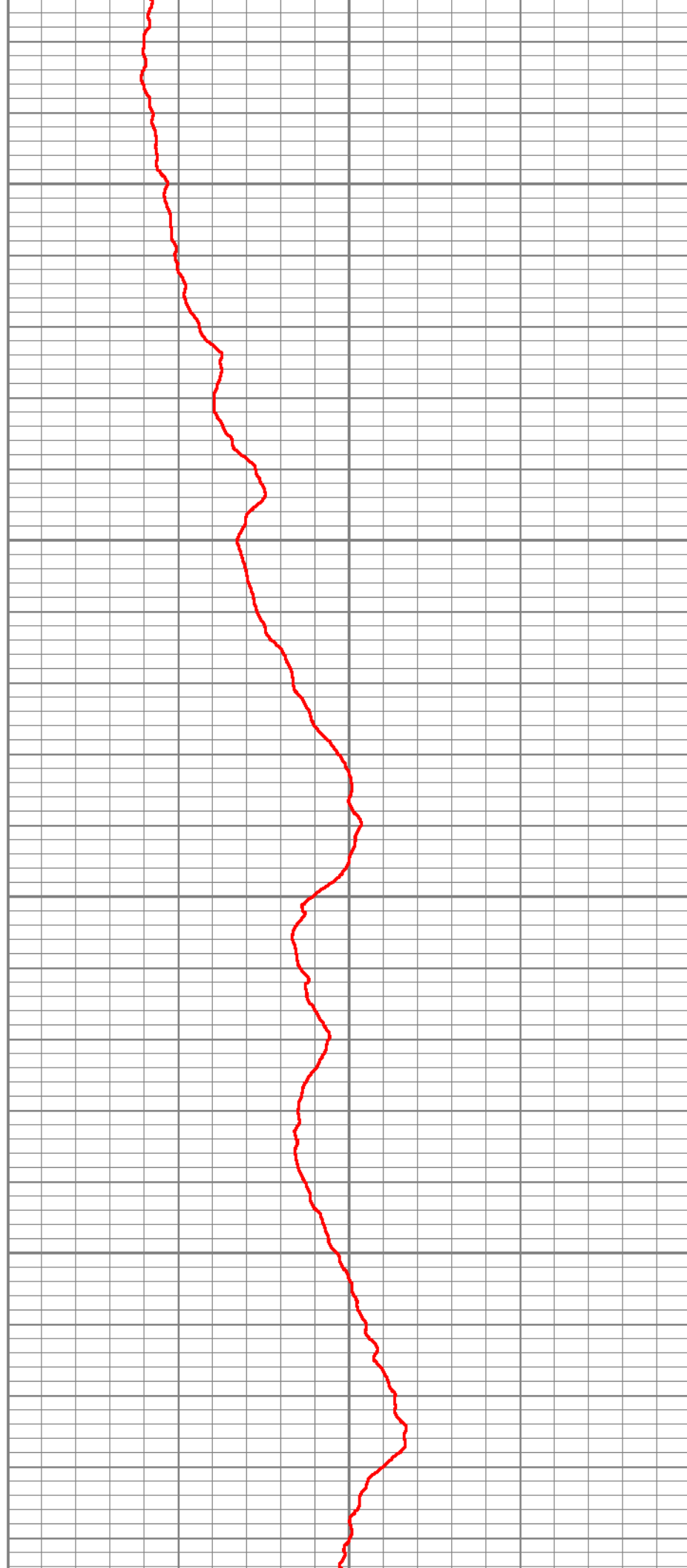


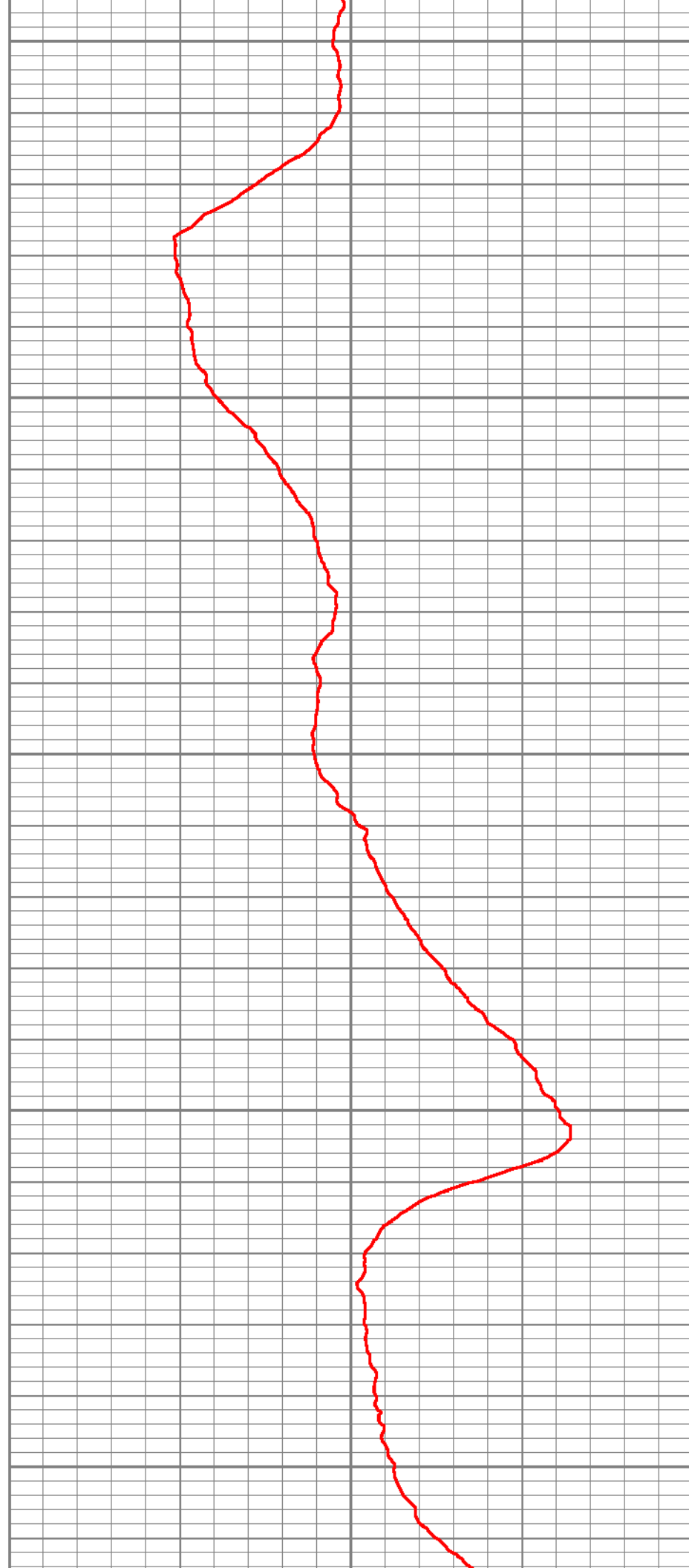
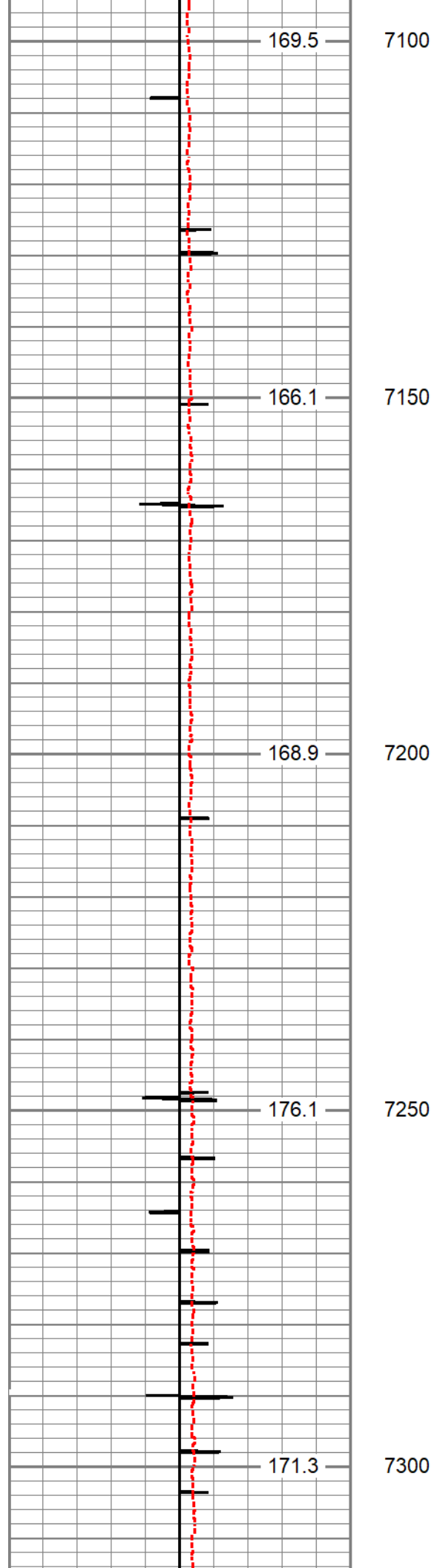
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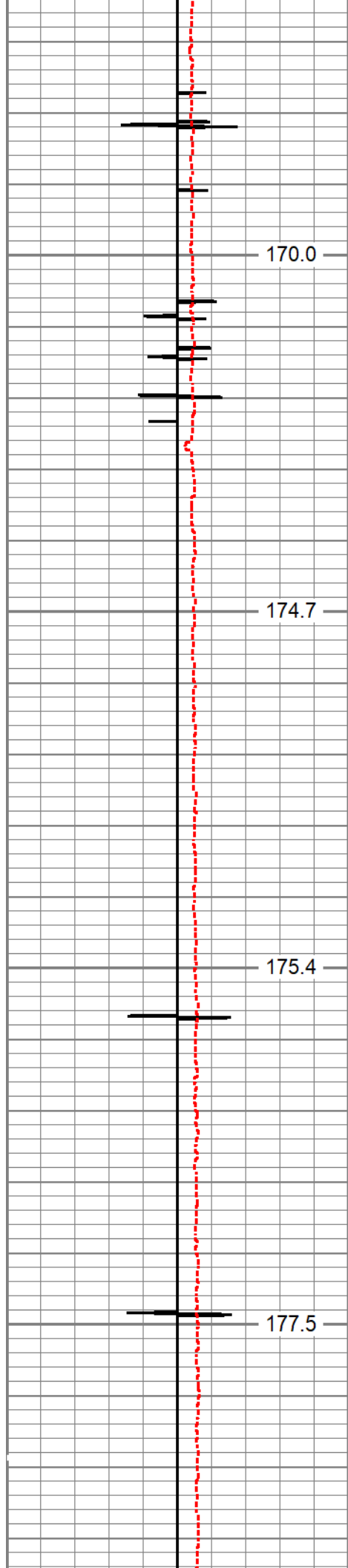
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7000

7050







170.0

7350

174.7

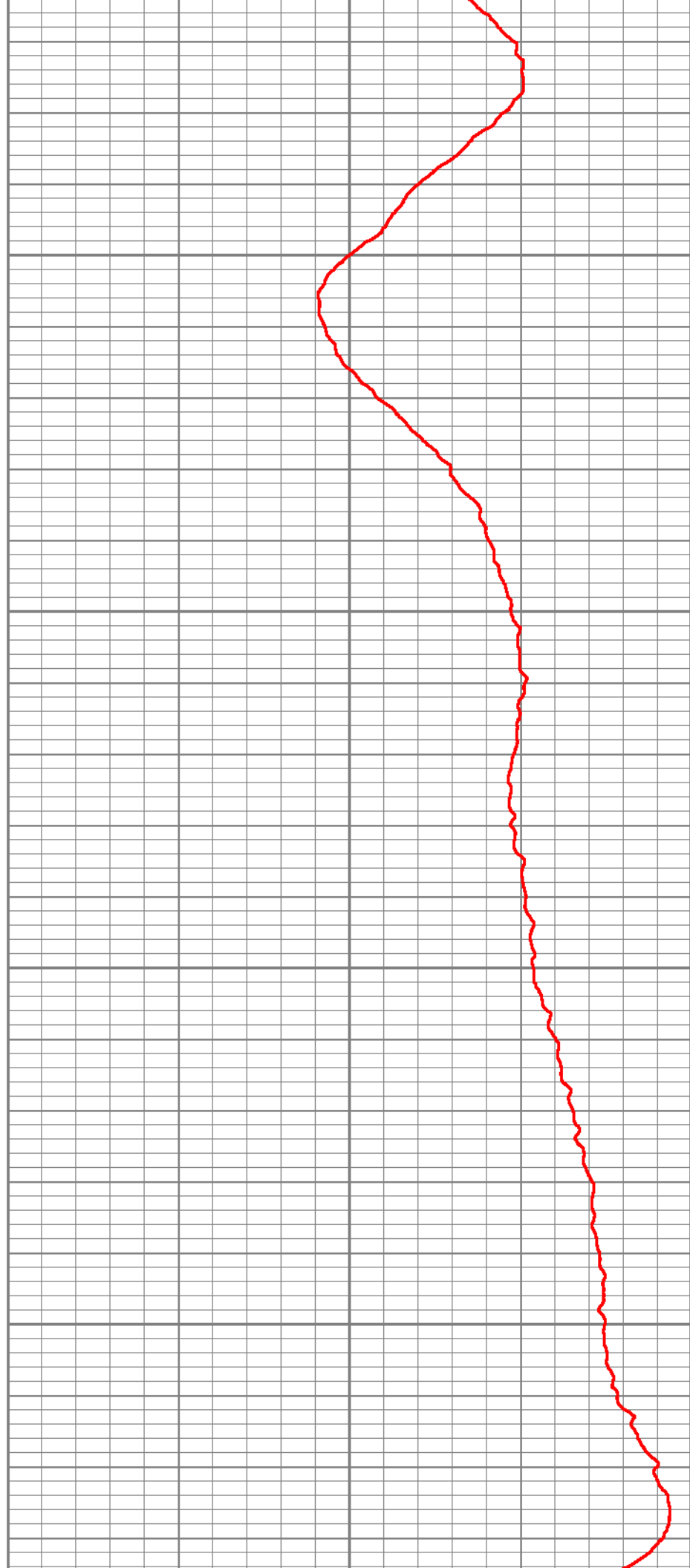
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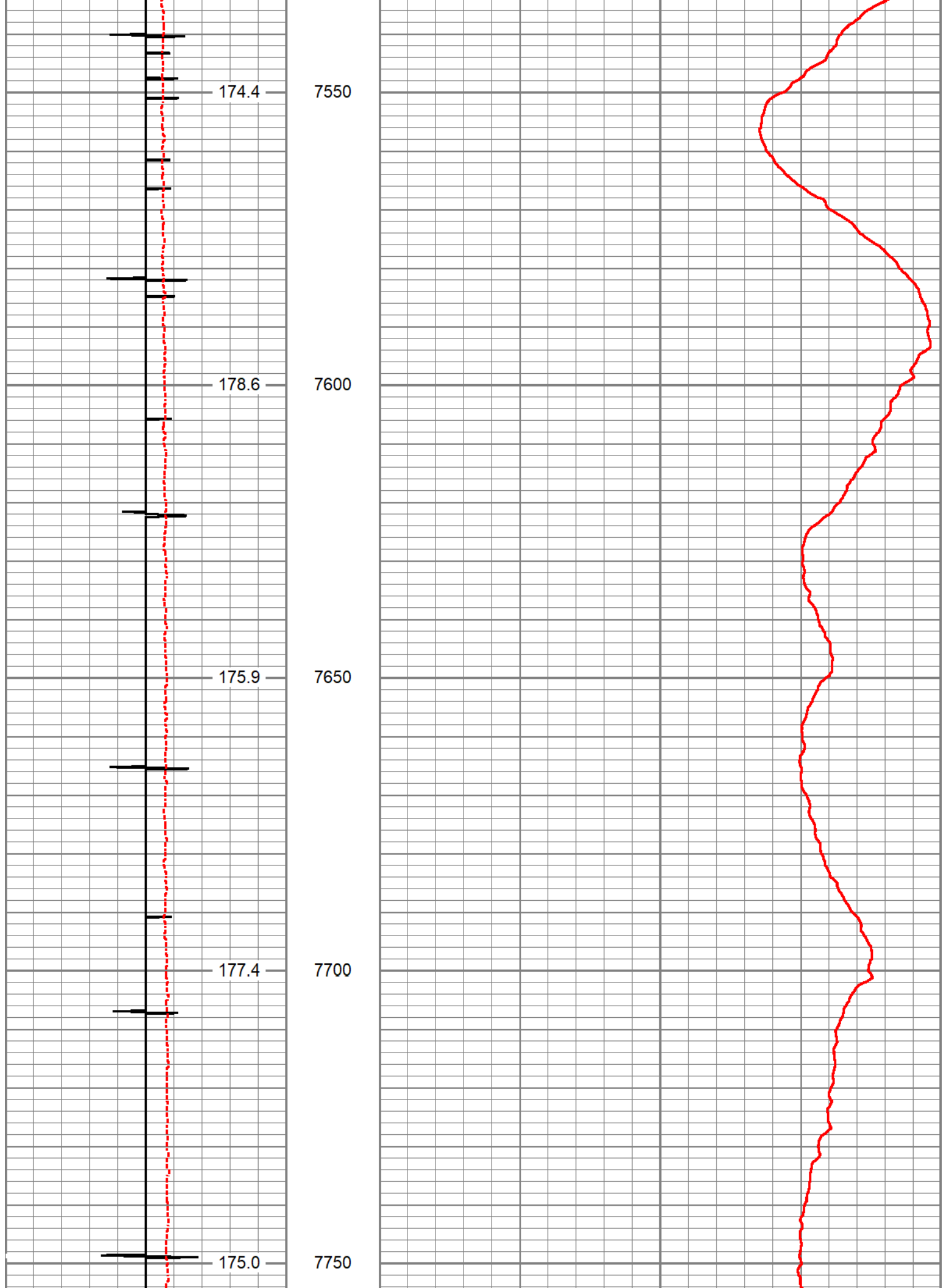
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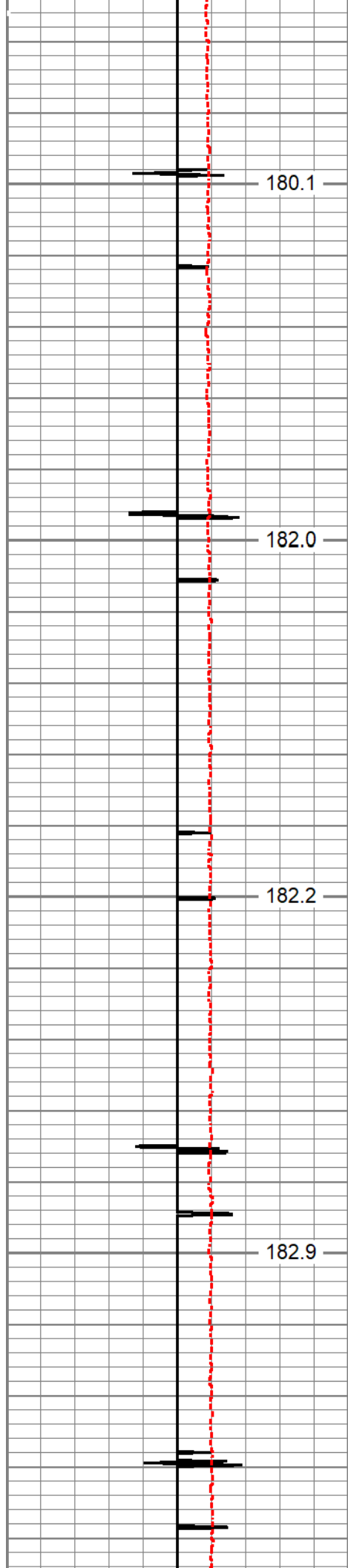
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177.5

7500







8000

8050

8100

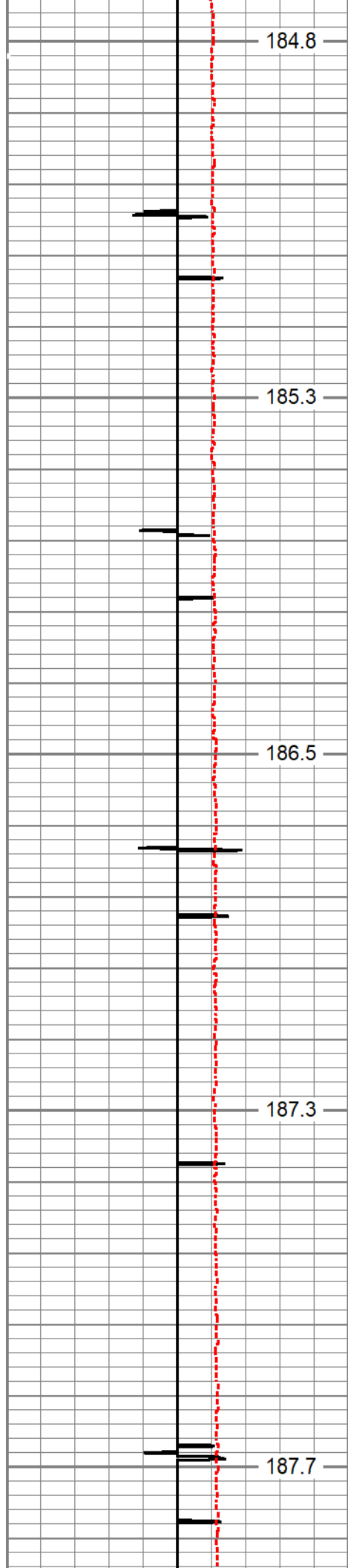
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180.1

182.0

182.2

182.9



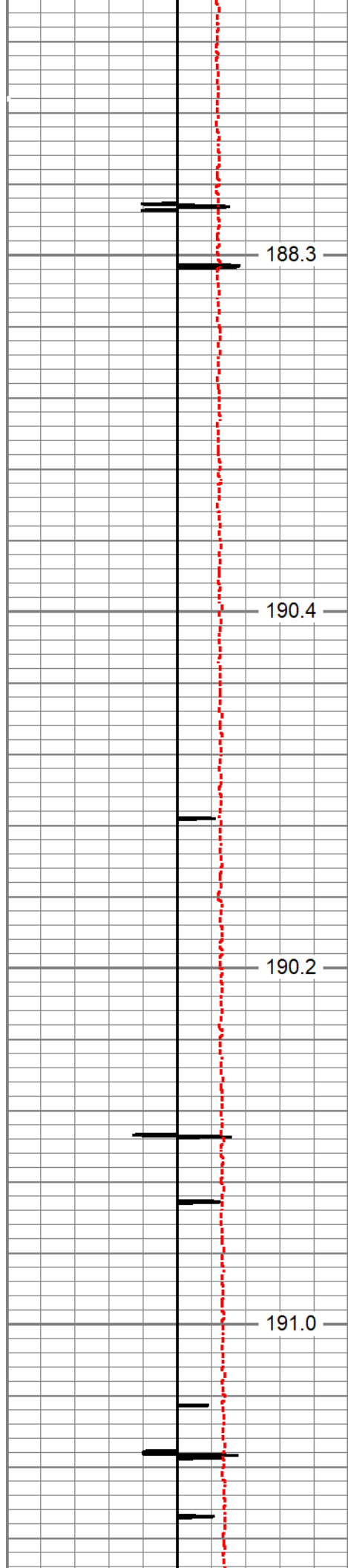
8200

8250

8300

8350

8400

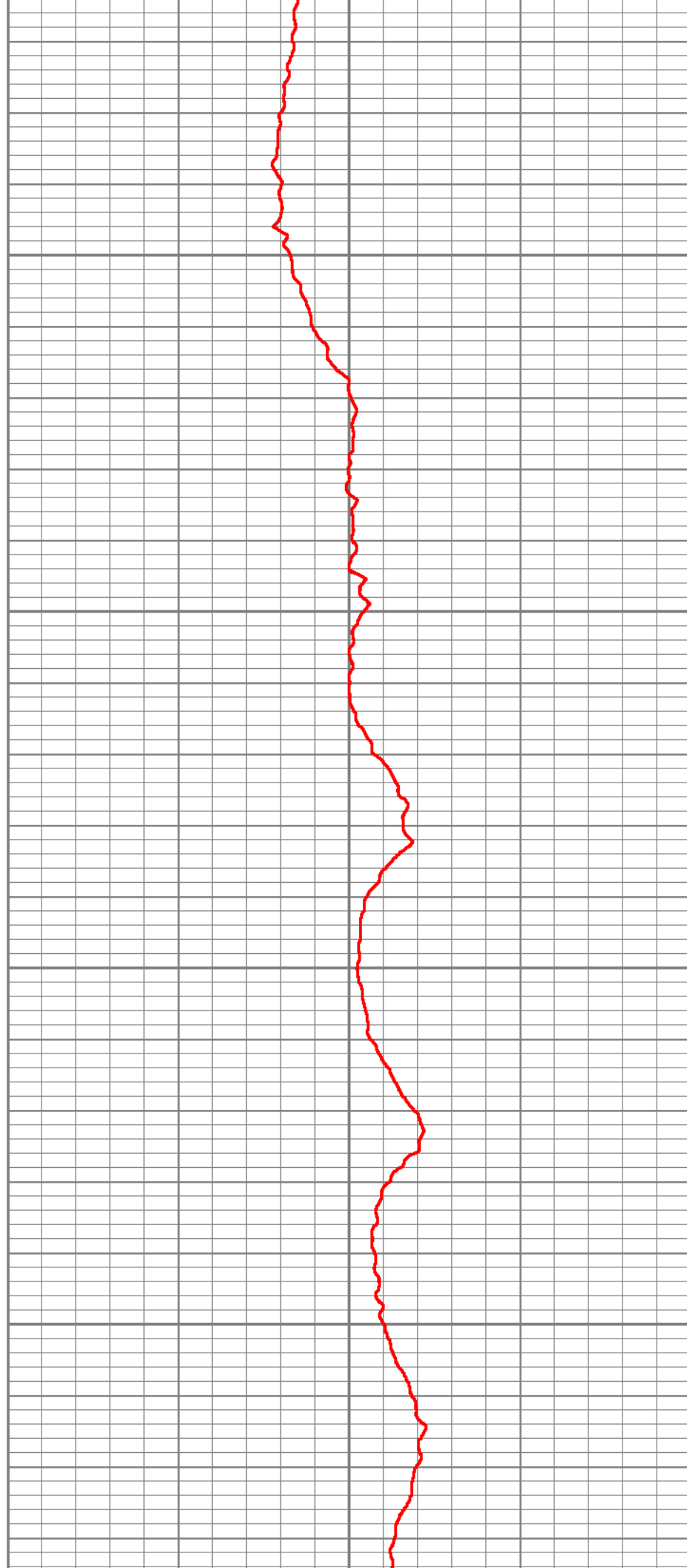


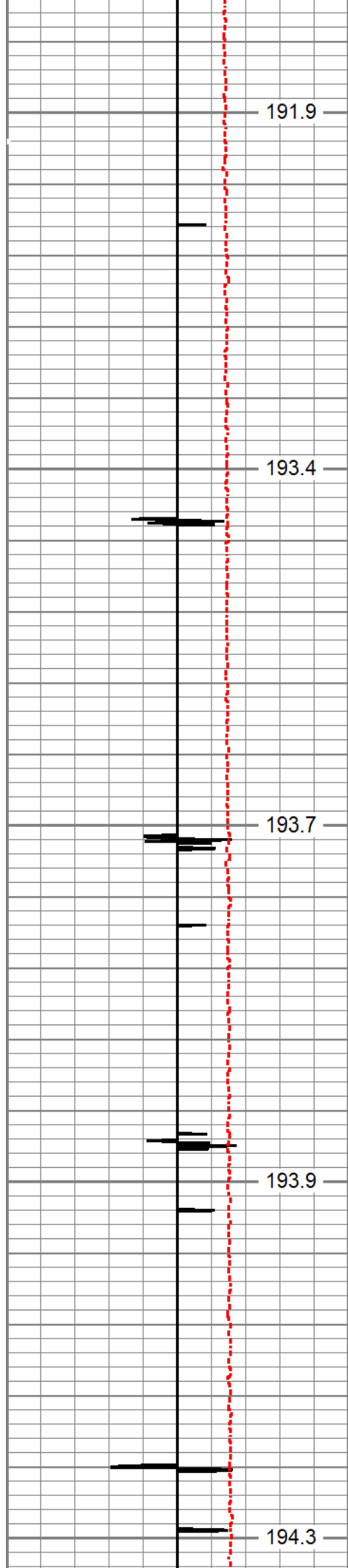
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8500

8550

8600





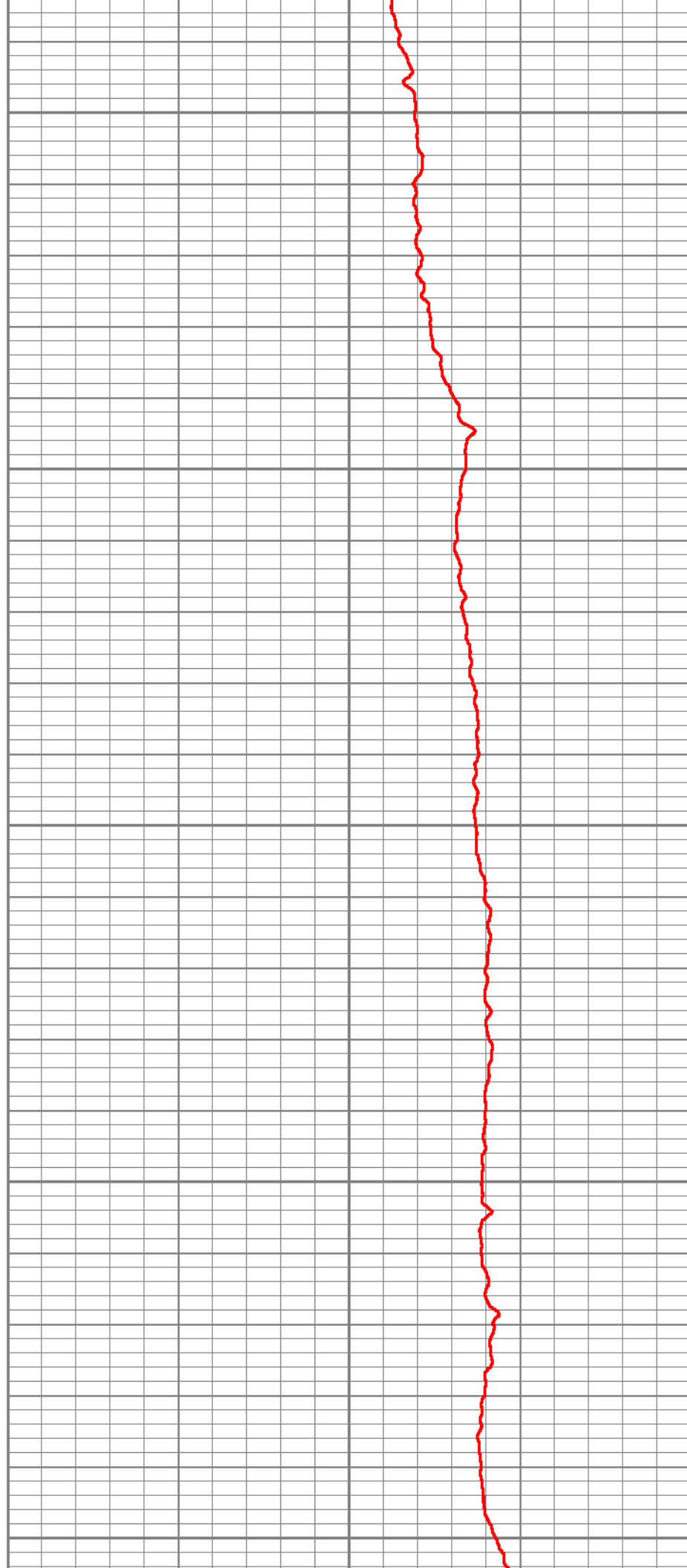
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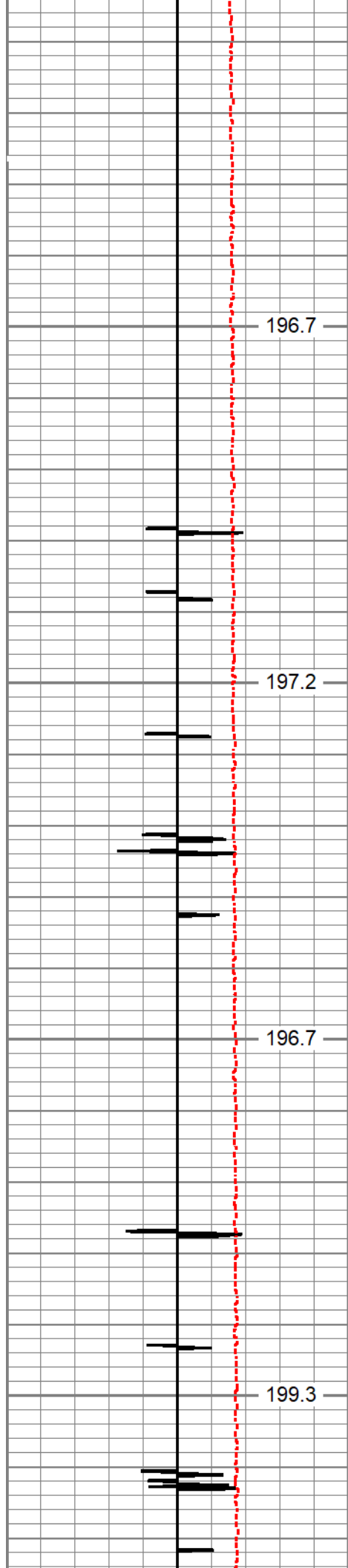
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8750

8800

8850





196.7

197.2

196.7

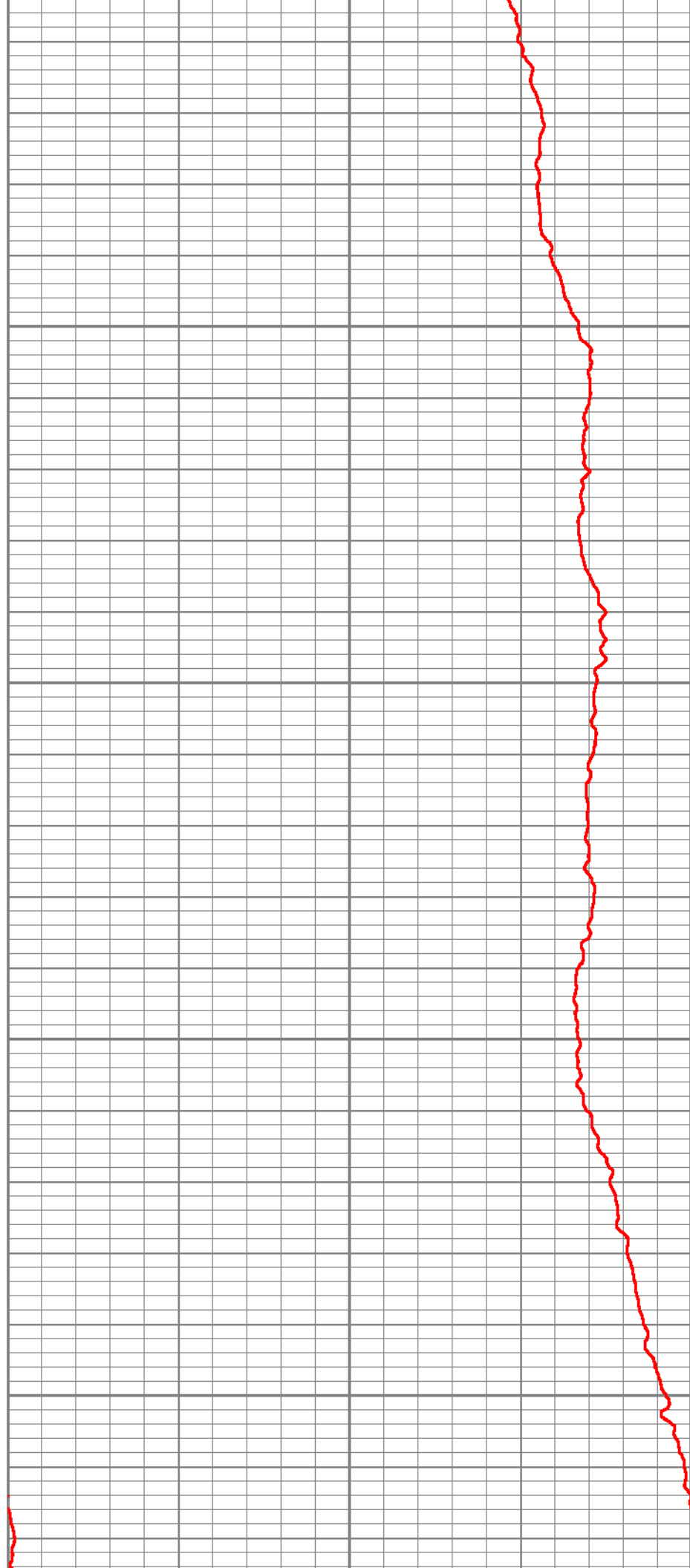
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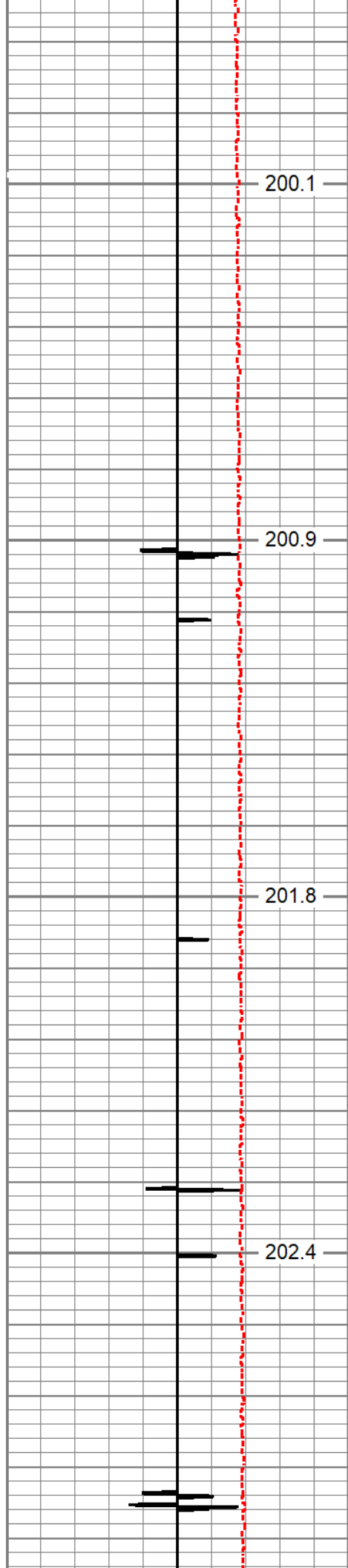
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8950

9000

9050





200.1

200.9

201.8

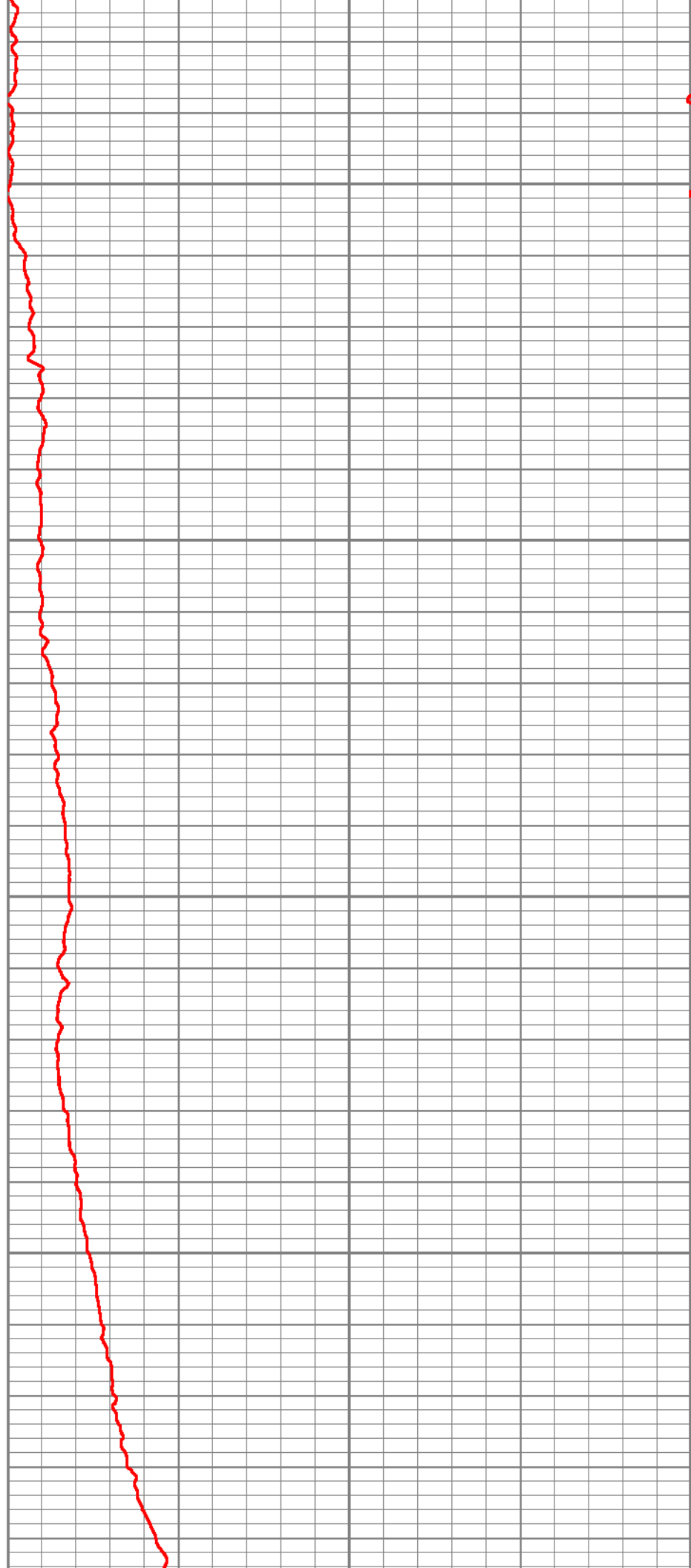
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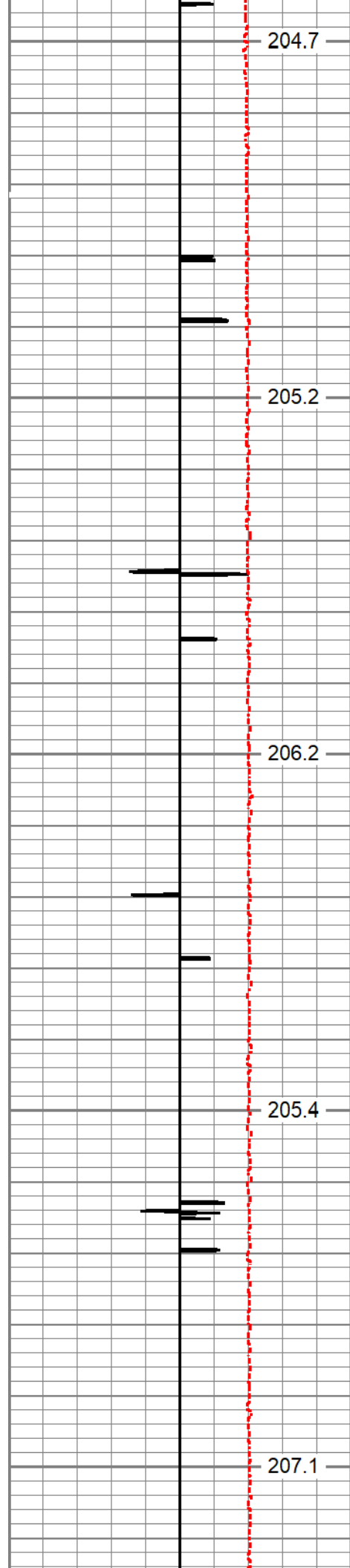
9100

9150

9200

9250





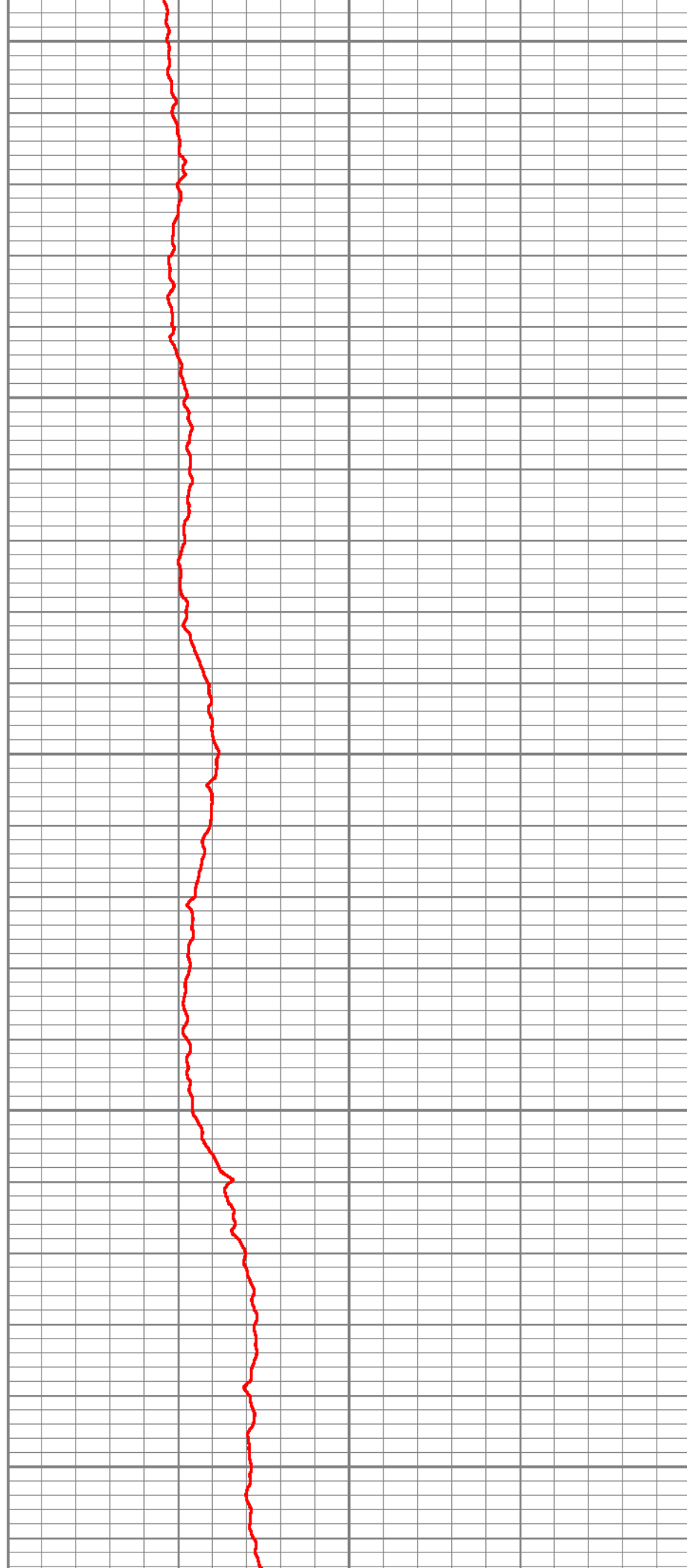
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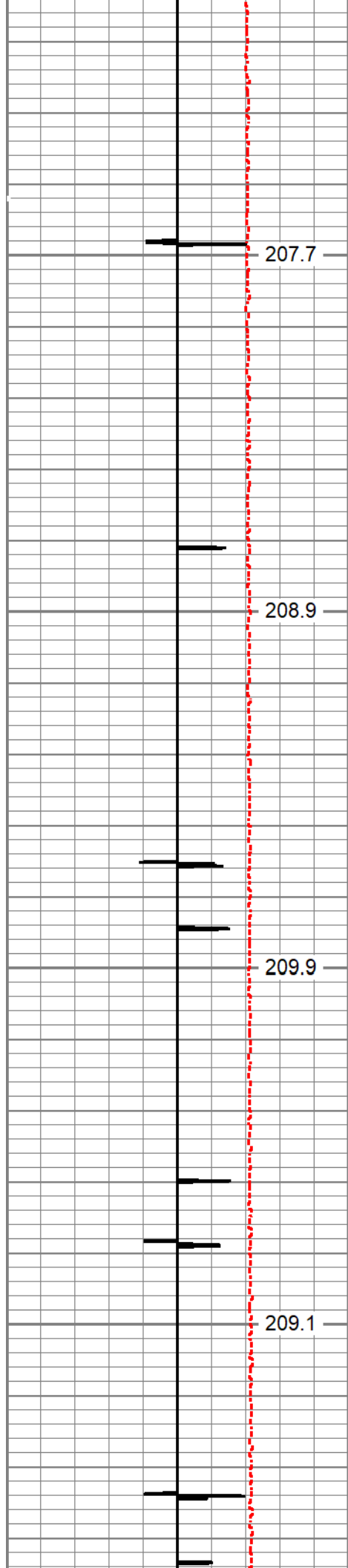
9350

9400

9450

9500





207.7

208.9

209.9

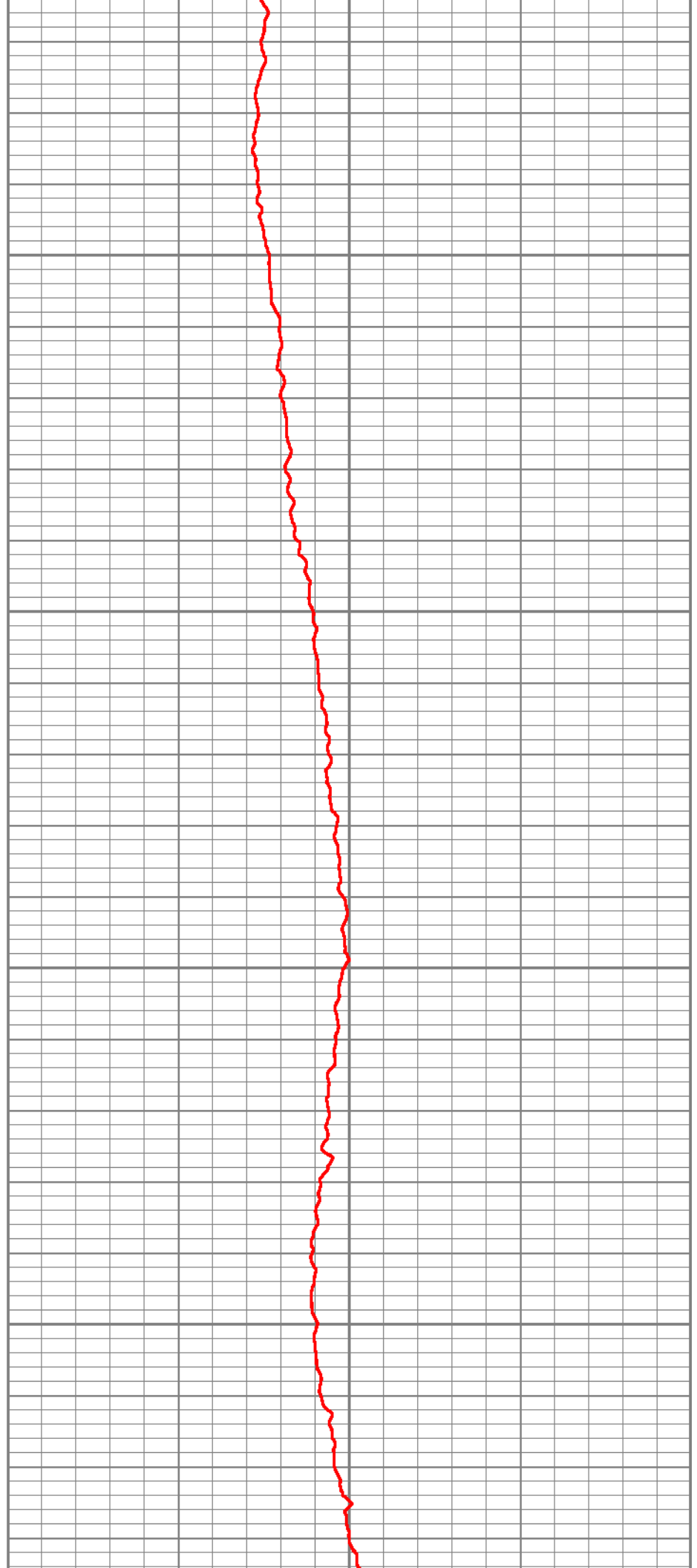
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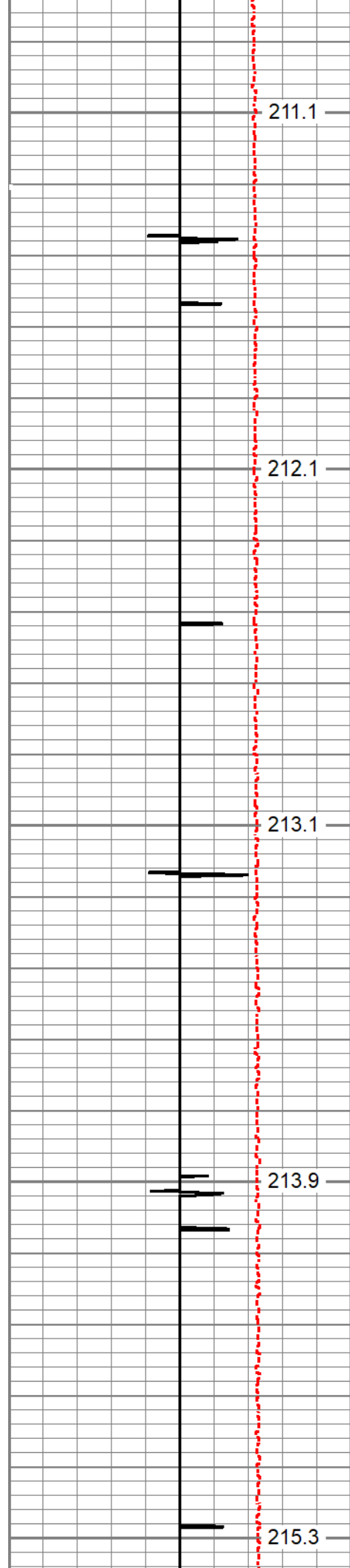
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9600

9650

9700





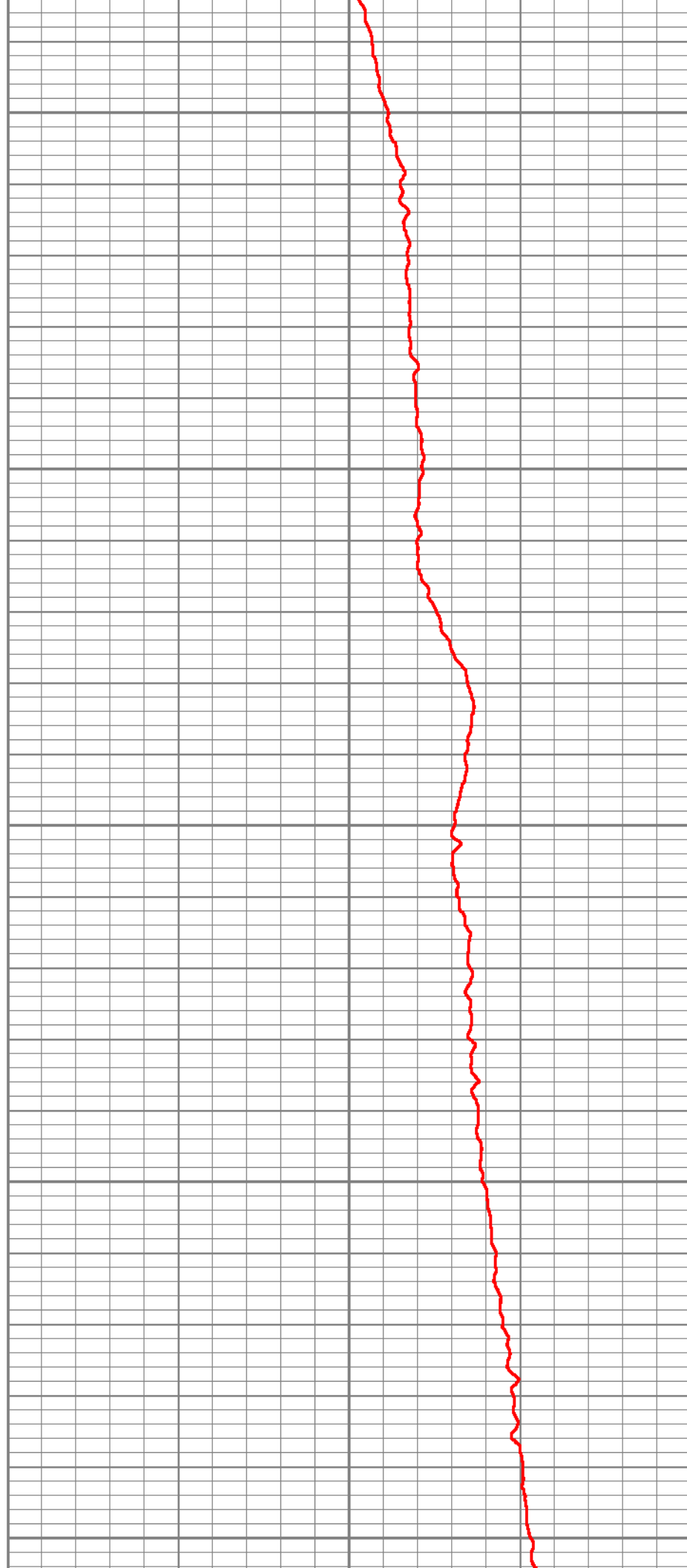
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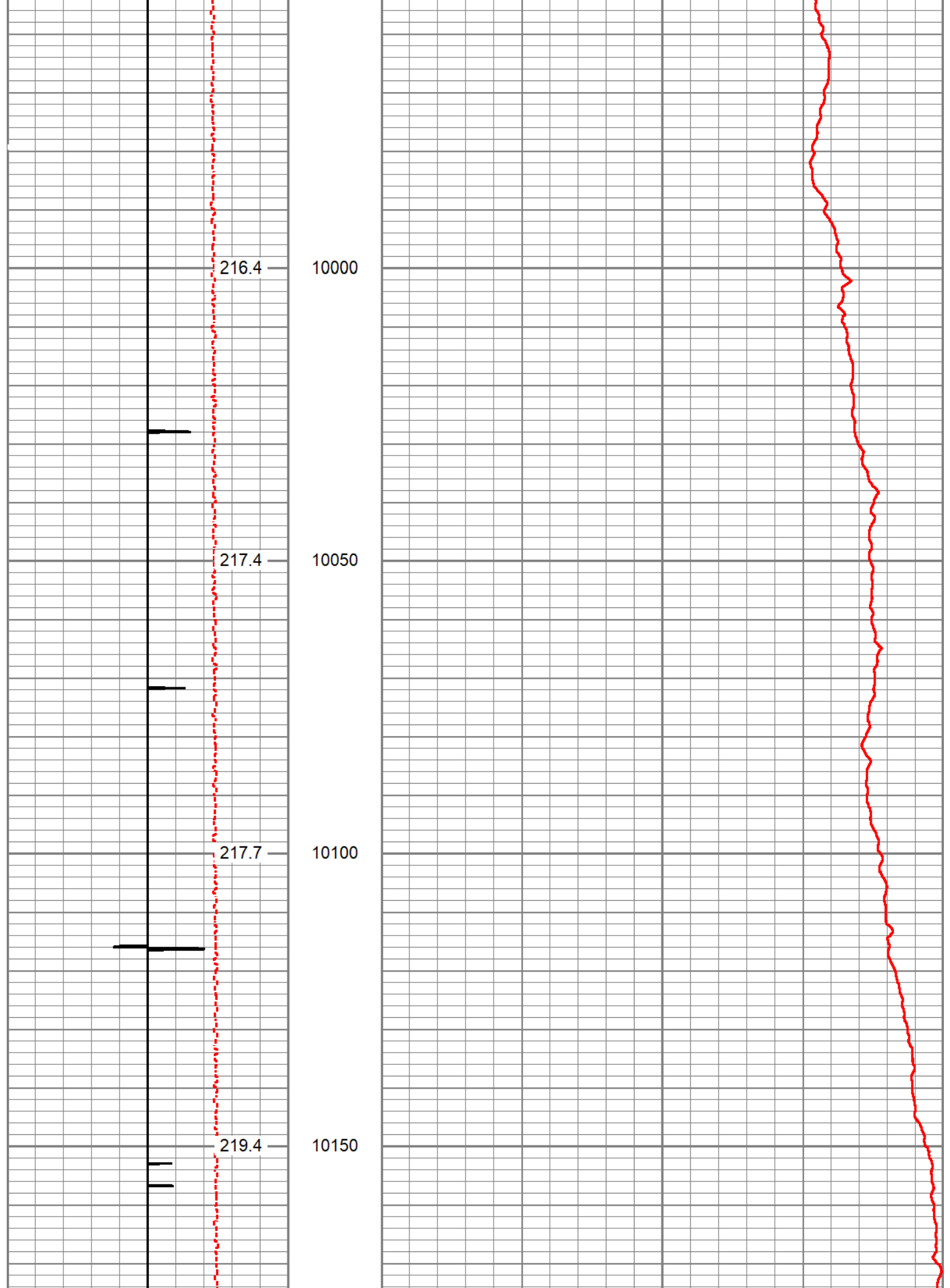
9800

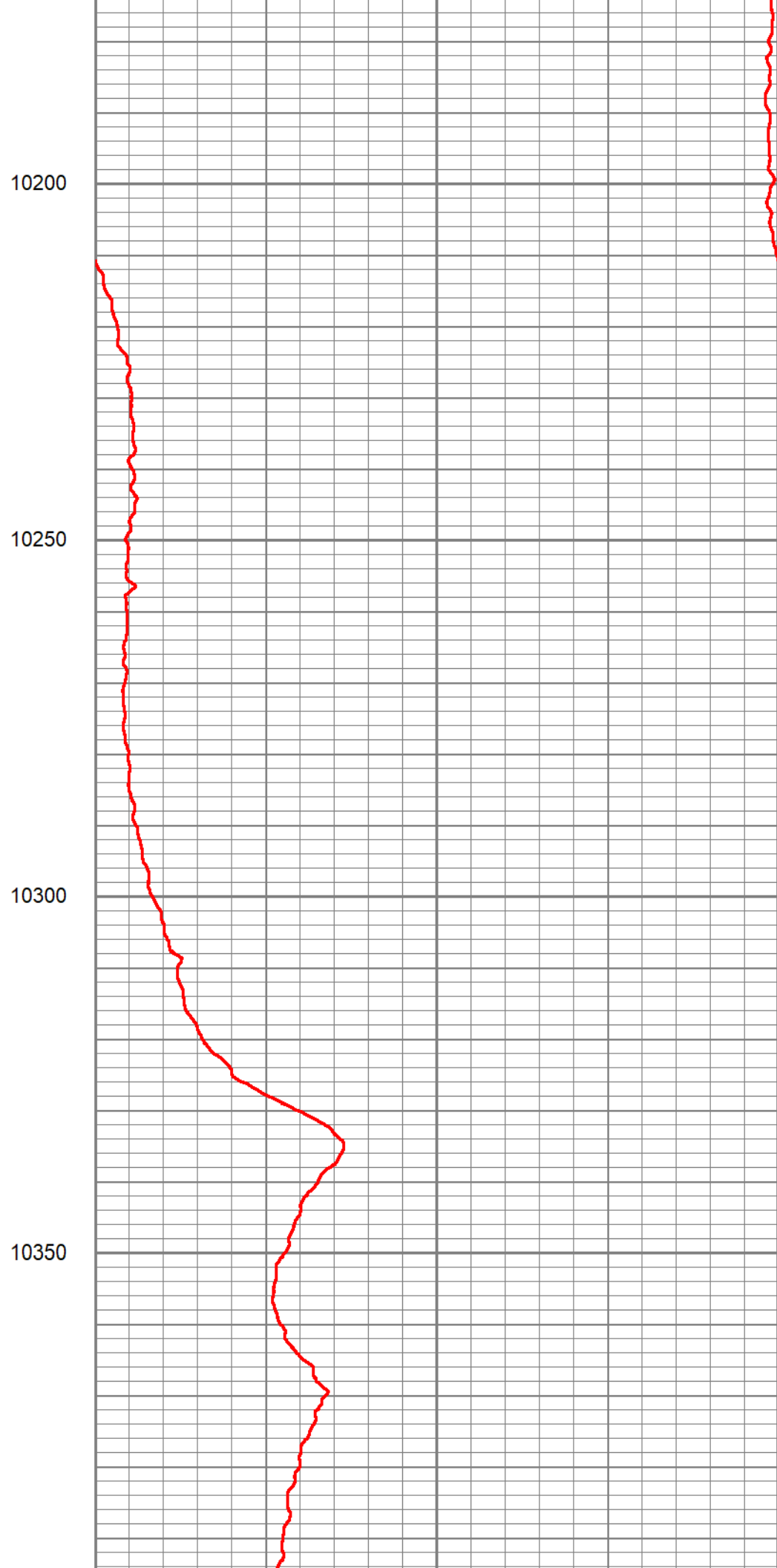
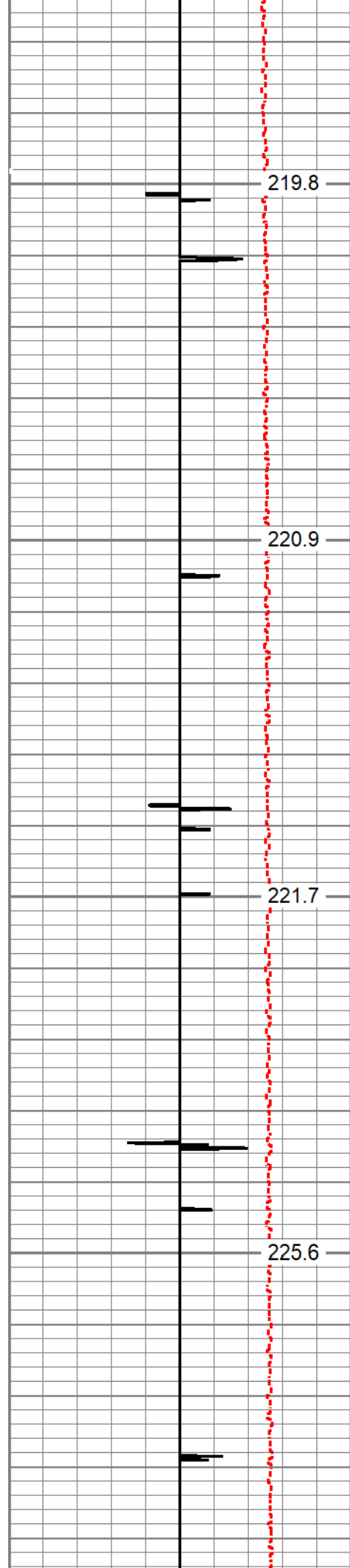
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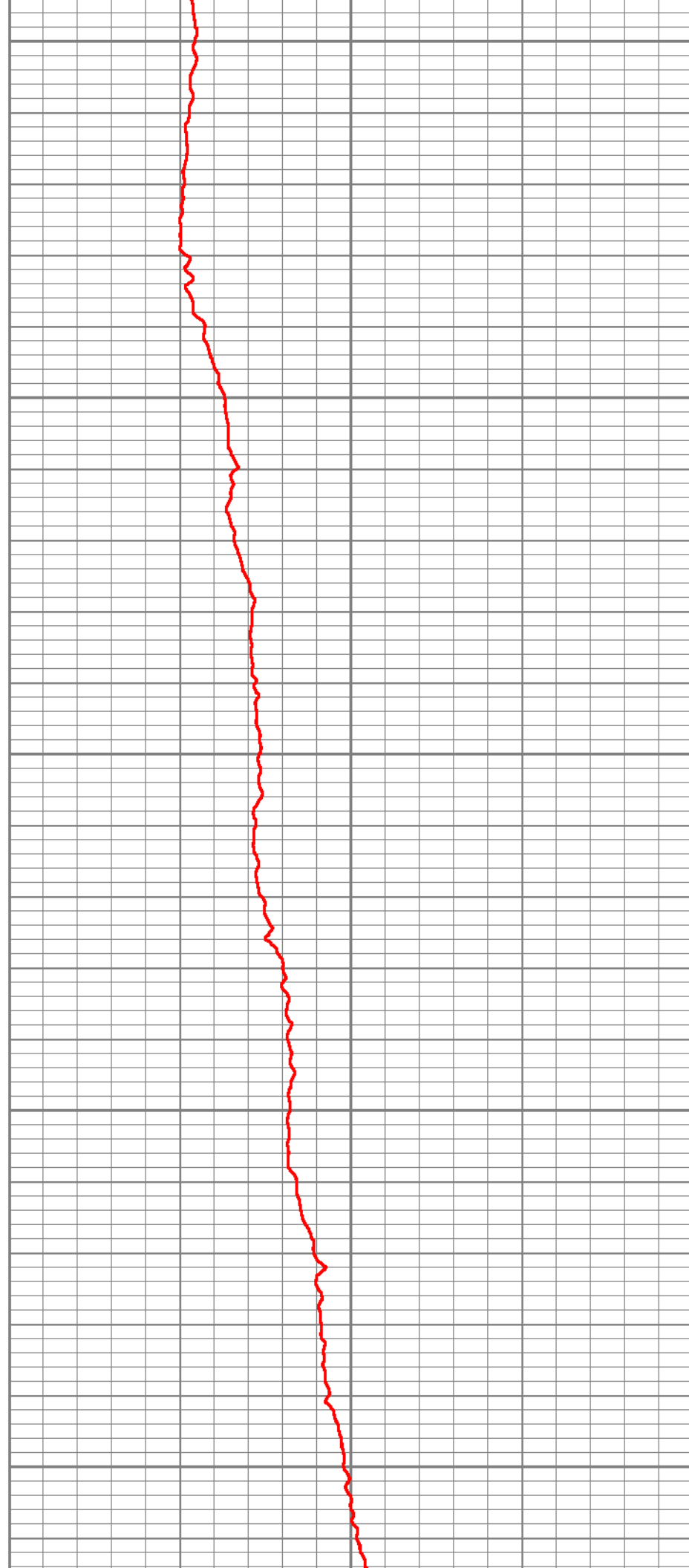
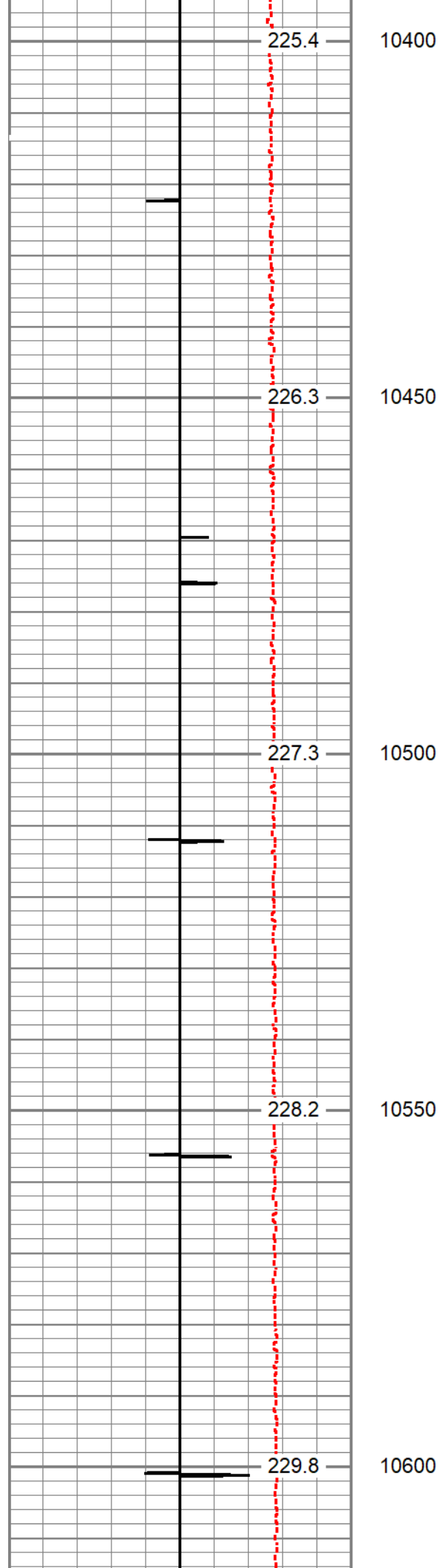
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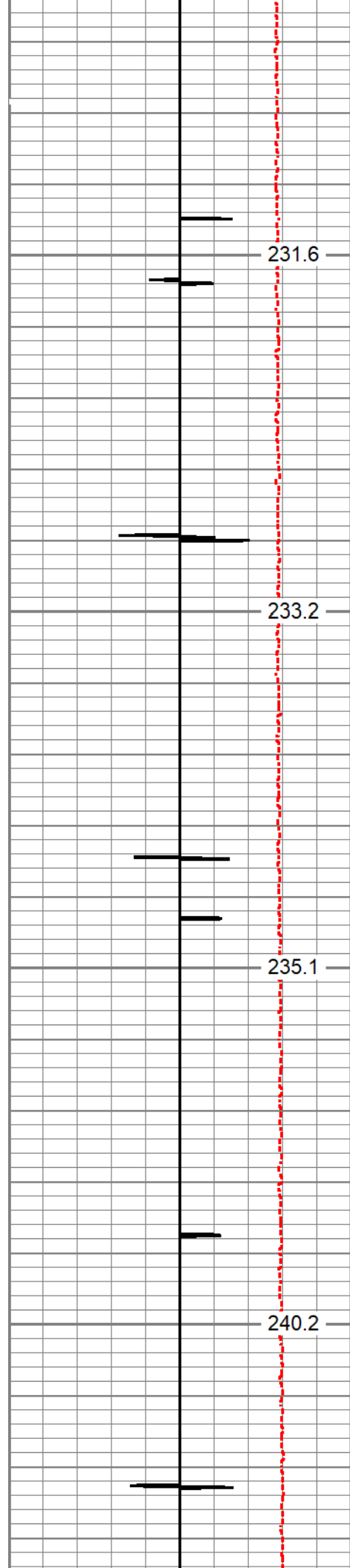
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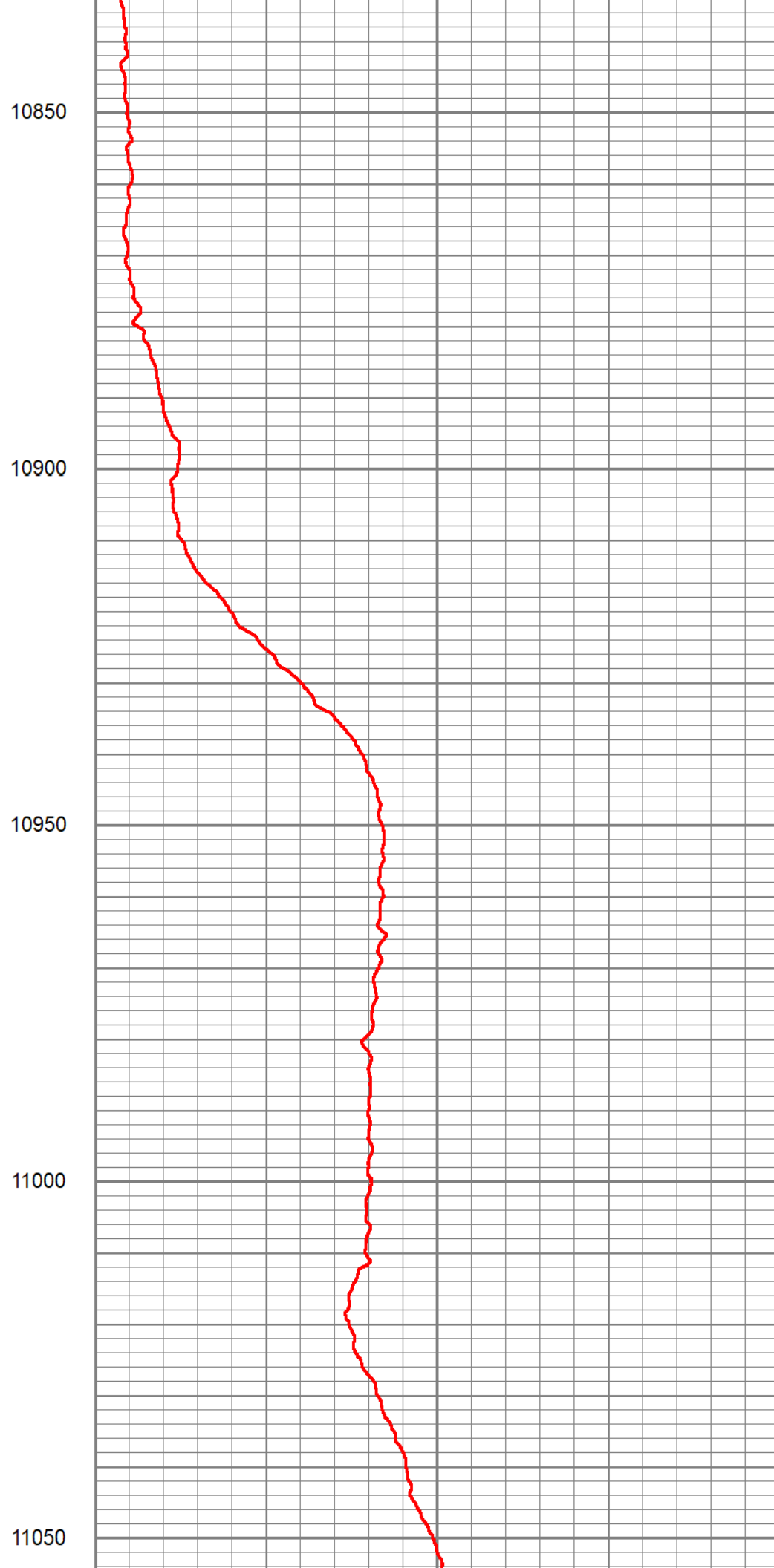
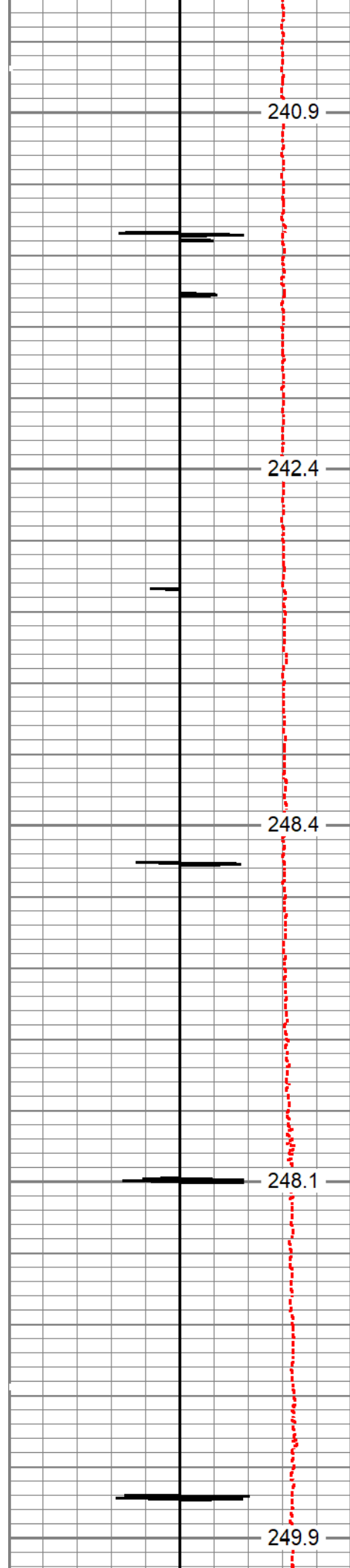


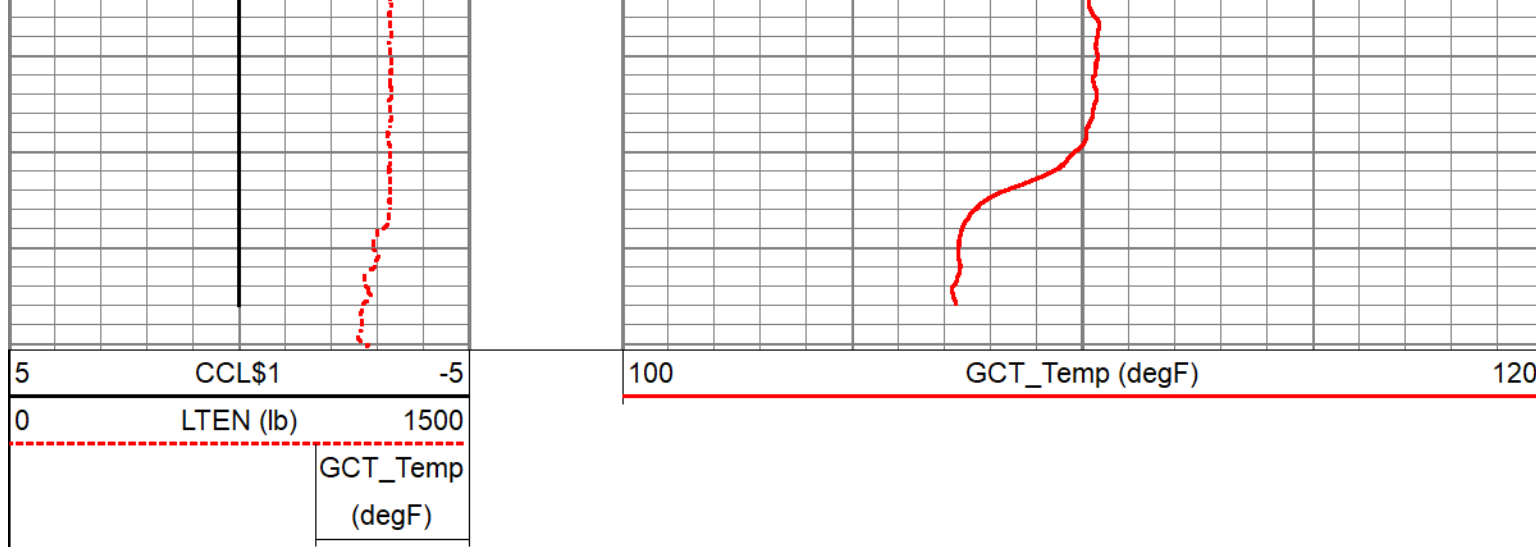
10650

10700


10750


10800






Calibration Report					
Database File	tep_wmc_12-20_temp_10-1-22.db				
Dataset Pathname	main1				
Dataset Creation	Sat Oct 01 07:55:32 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	5.38					
CCL\$2	4.39					
CCL\$1	4.39					
GCT_TEMP	3.51					

GR	2.71		GCacc-GCTacc_6-Pin-Base (110255) Probe 2.75" Gamma Ray - CCL w/ Temp and 6 Pin Bottom	5.00	2.75	
GCT_IntTemp	1.67					
GCT_ACCZ	0.00					
GCT_ACCY	0.00					
GCT_ACCX	0.00					
GCT_FMWR	0.00					
Error_Ct	0.00					
Dataset: tep_wmc_12-20_temp_10-1-22.db: field/well/run1/main1 Total length: 5.00 ft Total weight: lb O.D.: 2.75 in						

Company	TEP Rocky Mountain LLC				
Well	Federal WMC 12-20				
Field	Rulison				
County	Garfield	State	Colorado		
		Temperature Casing Collar Log			