

# Temperature Survey

**Company** BILL BARRETT CORPORATION  
**Well** GGU DALEY 24A-19-691  
**Field** MAMM CREEK  
**County** GARFIELD **State** COLORADO

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**Well** GGU DALEY 24A-19-691  
**Field** MAMM CREEK  
**County** GARFIELD  
**State** COLORADO

**Location:** API # : 05-045-19584  
 SHL: 252' FSL & 2008' FWL  
 BHL: 166' FSL & 1982' FWL  
 SEC 19 TWP 6S RGE 91W  
 Permanent Datum G.L. Elevation 5823  
 Log Measured From K.B. OR 22' AGL  
 Drilling Measured From K.B. Elevation 5845  
 D.F. 5844  
 G.L. 5823

**Date** 25-APR-2011  
**Run Number** 1  
**Depth Driller** 7279  
**Depth Logger** 7252  
**Bottom Logged Interval** 7252  
**Top Log Interval** SURFACE  
**Open Hole Size** 7.875  
**Type Fluid** WATER  
**Density / Viscosity** N/A  
**Max. Recorded Temp.** 182 DEG  
**Estimated Cement Top** 2710  
**Time Well Ready** 1045  
**Time Logger on Bottom** 1130  
**Equipment Number** 14098  
**Location** GRAND JUNCTION  
**Recorded By** R RICHARDS  
**Witnessed By** C CROW

Run Number	Borehole Record		Tubing Record	
	Bit	From	To	Weight

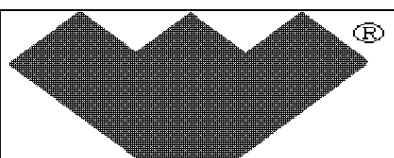
	Size	Wgt/Ft	Top	Bottom
Casing Record				
Surface String				
Prof. String	4.5	11.6	SURFACE	7279
Production String				
Liner				

<<< Fold Here >>>

All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and shall not 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 employees or agents. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

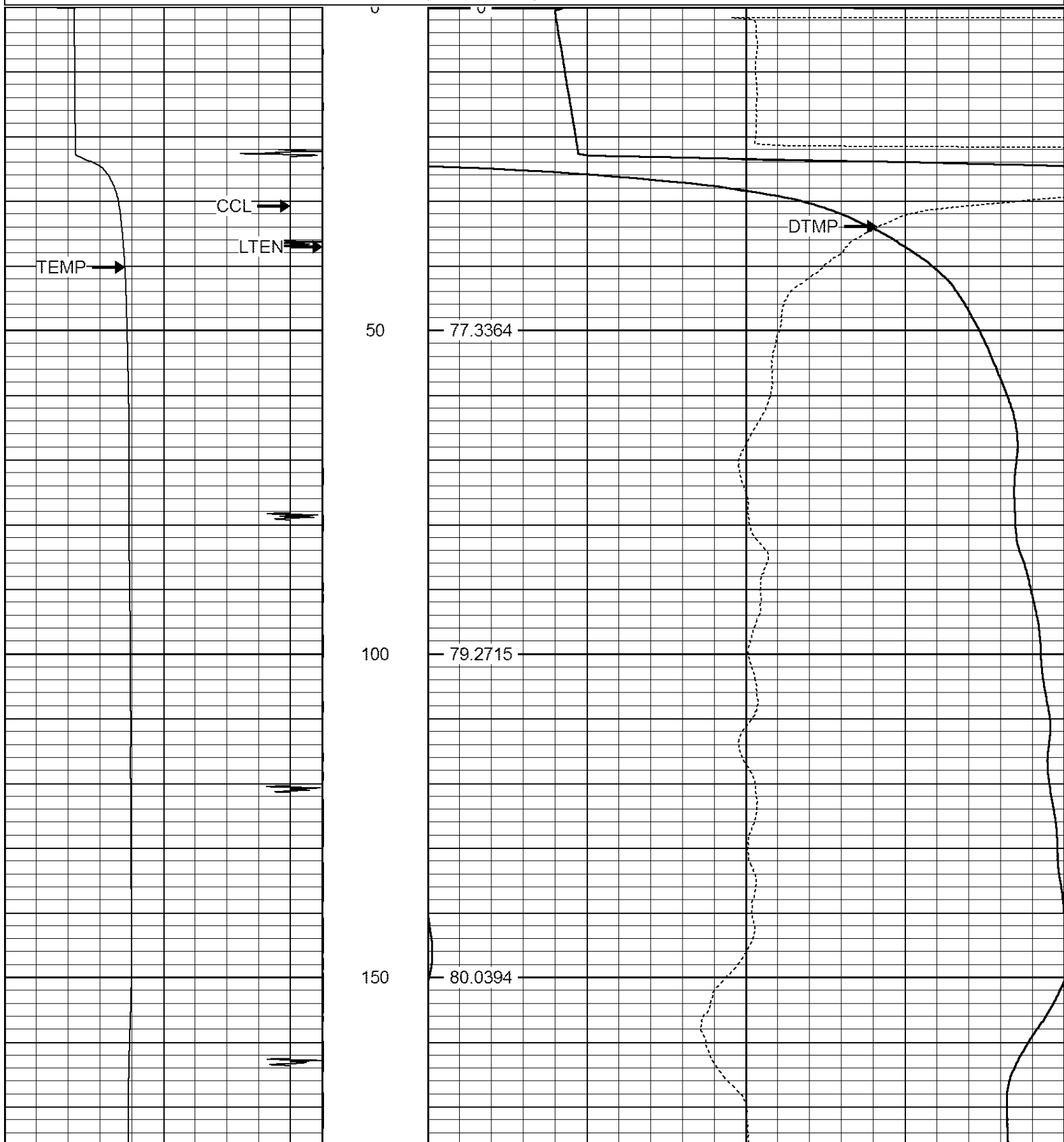
Remarks: Rig: PATTERSON 307 Prints: 2 Service Order # 176873  
 LOG CORRELATED TO K.B. DO NOT USE FOR PERFORATING  
 YOUR CREW OF W WILLIAMS, J PHERSON THANKS YOU.

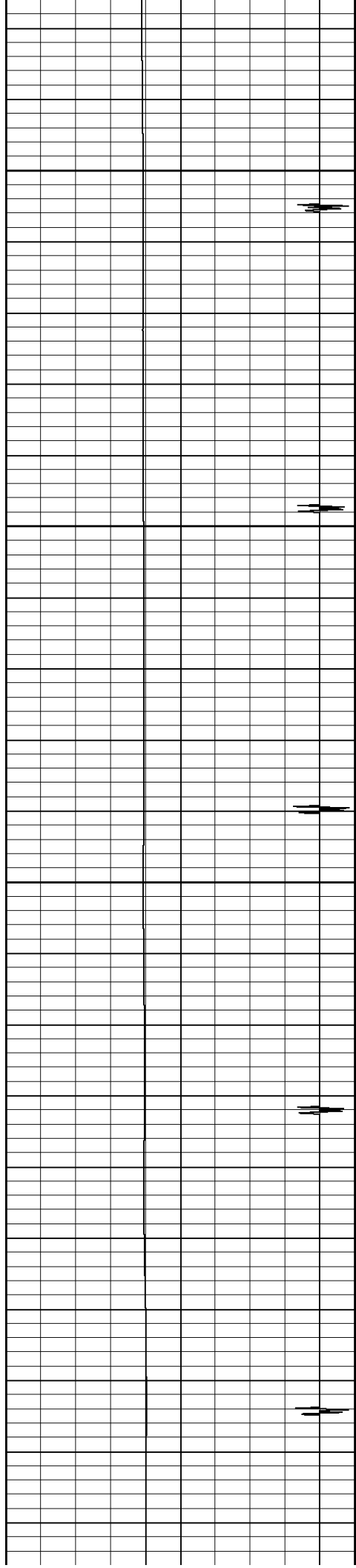
BHT	Bit Size	Surface Pressure	Run No.	Tool Type	EQUIPMENT DATA	
					Tool No.	Other



Database File: 176873.db  
 Dataset Pathname: pass2  
 Presentation Format: temp\_ws  
 Dataset Creation: Mon Apr 25 10:54:44 2011 by Log Weatherford Casedho  
 Charted by: Depth in Feet scaled 1:240

-9	CCL	1	LTEN	0	Temperature (degF)	20
0	TEMP (degF)	200	0 (lb)3000	-1	Differential Temp (degF)	1
				TEMP (degF)		





200

78.7869

250

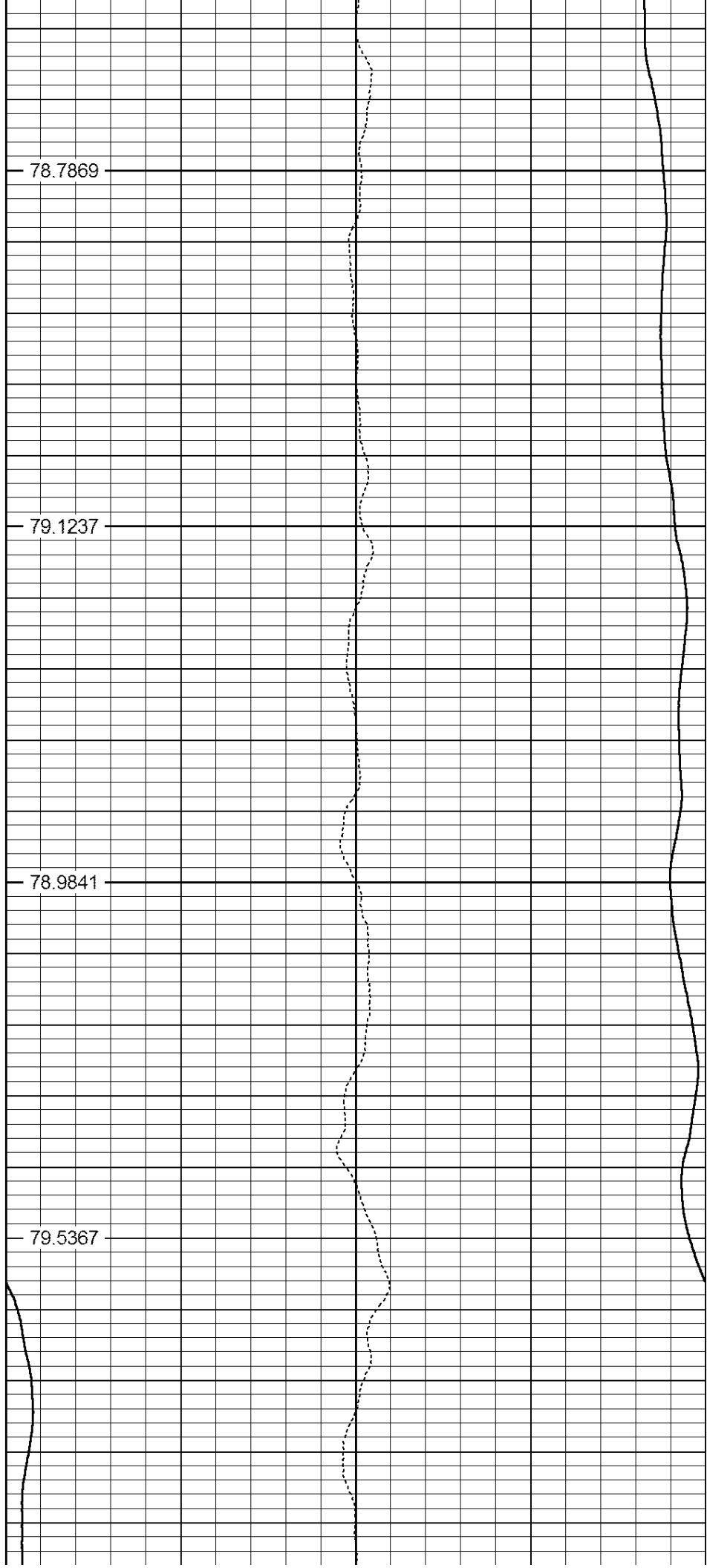
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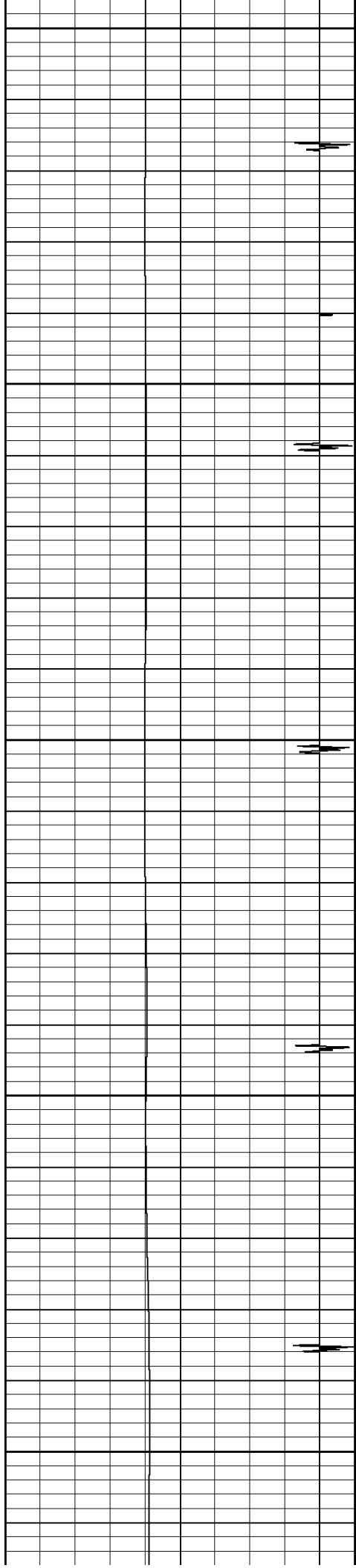
300

78.9841

350

79.5367





400

80.4809

450

80.7177

500

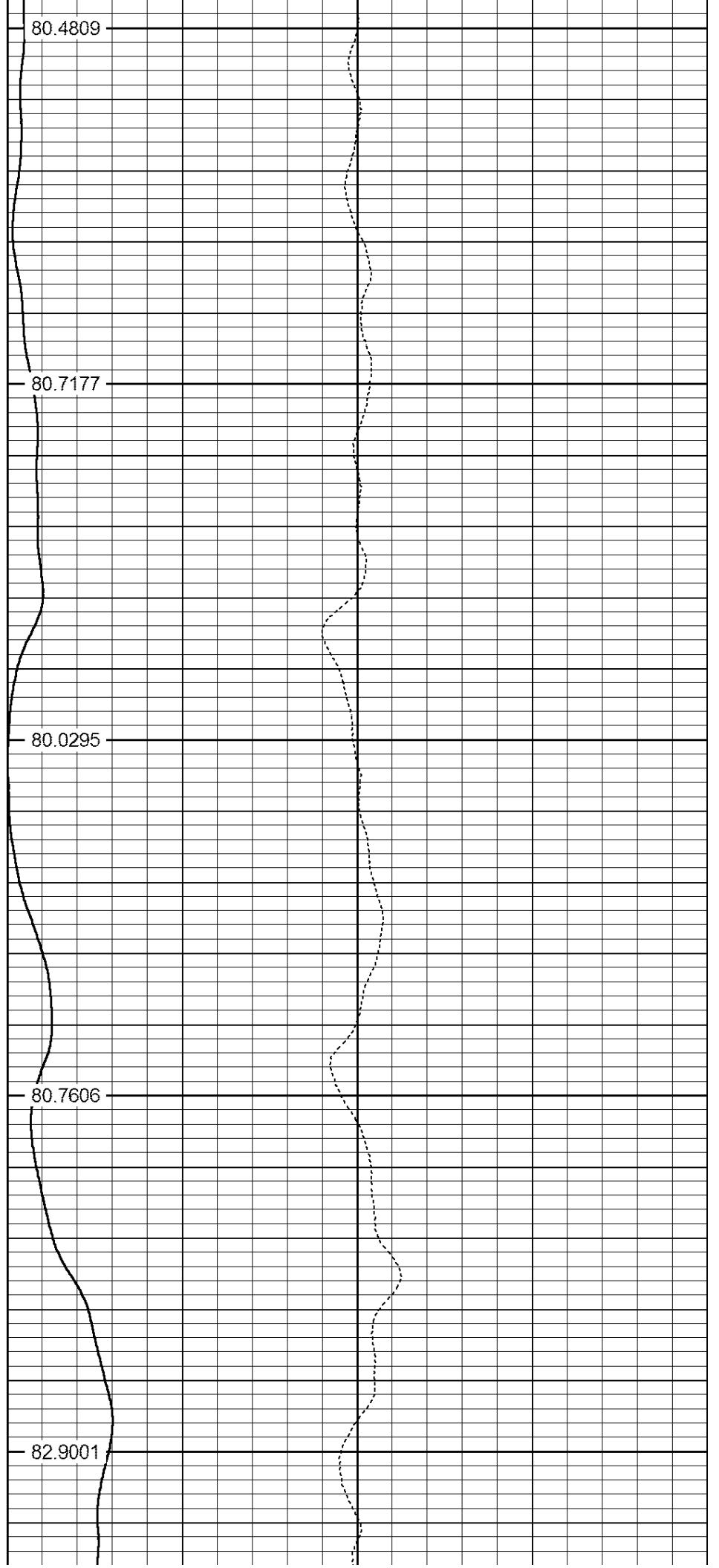
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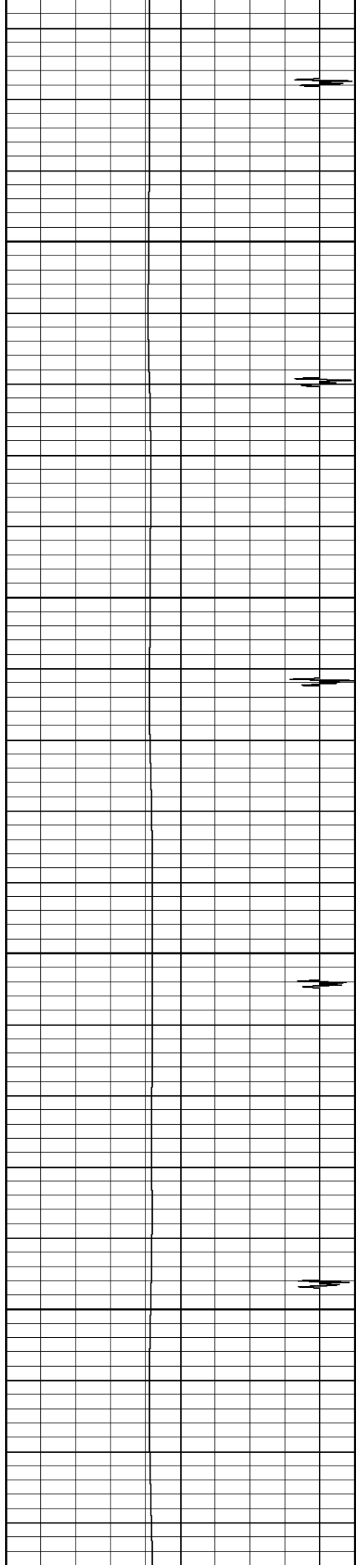
550

80.7606

600

82.9001





650

82.2268

700

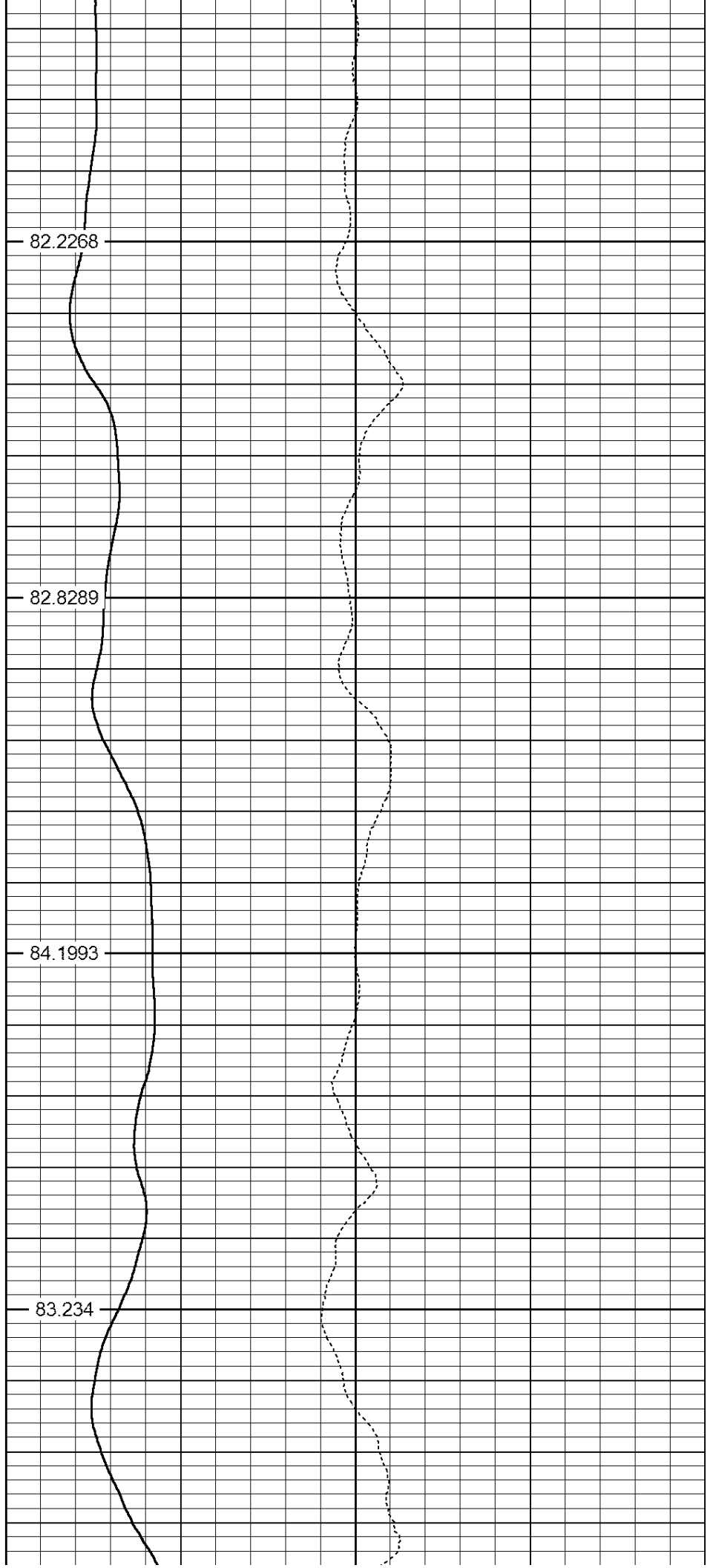
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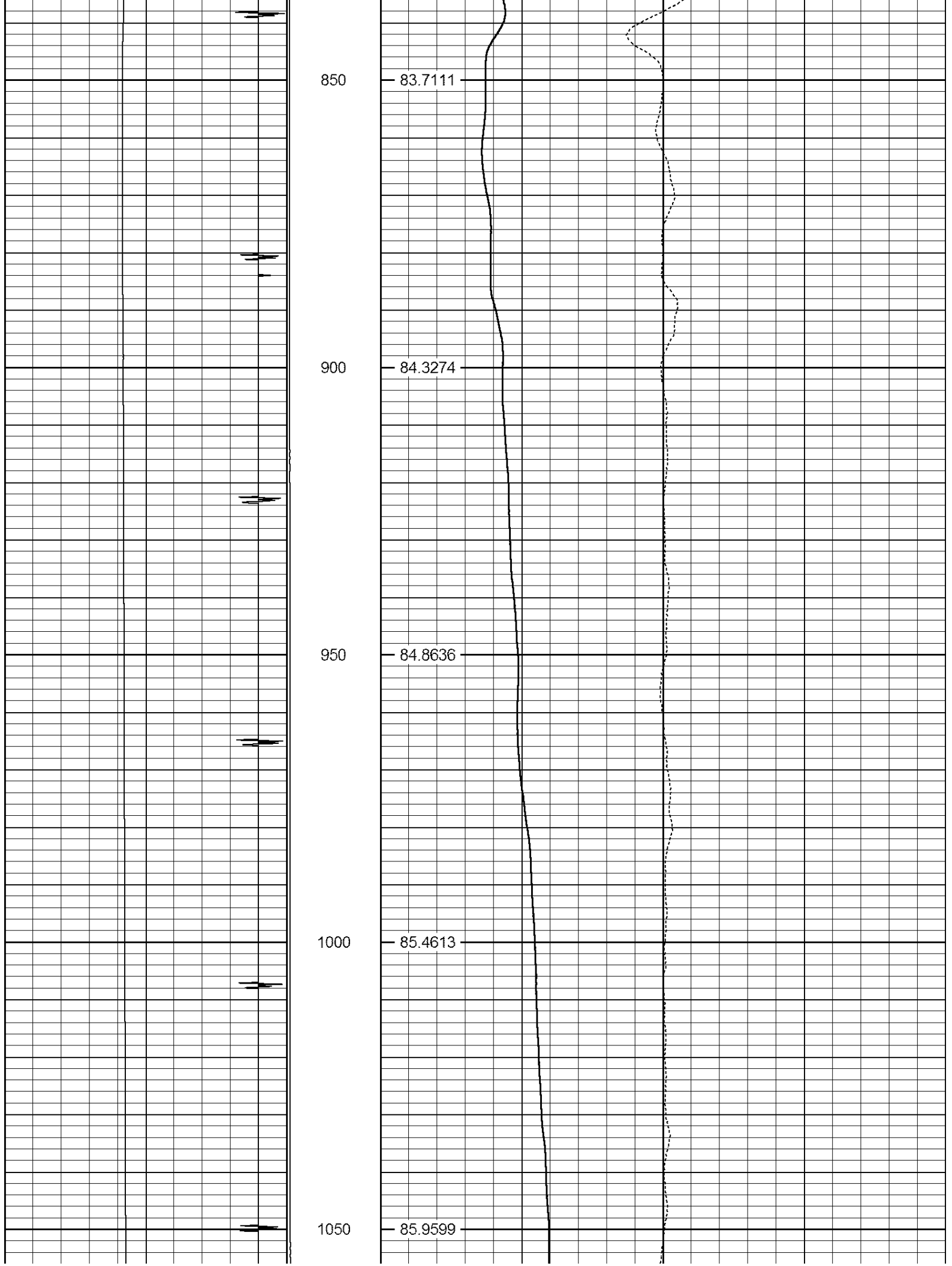
750

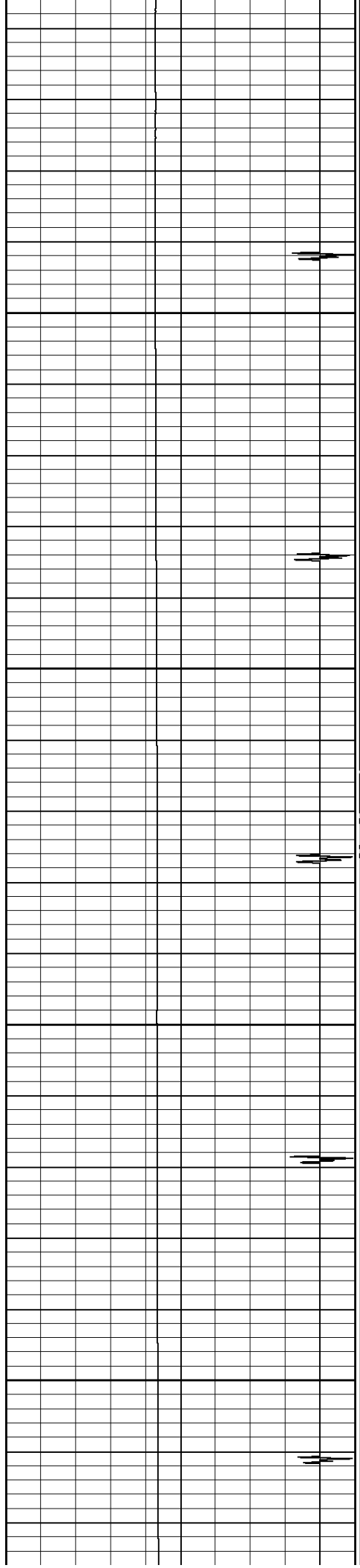
84.1993

800

83.234







1100

85.8644

1150

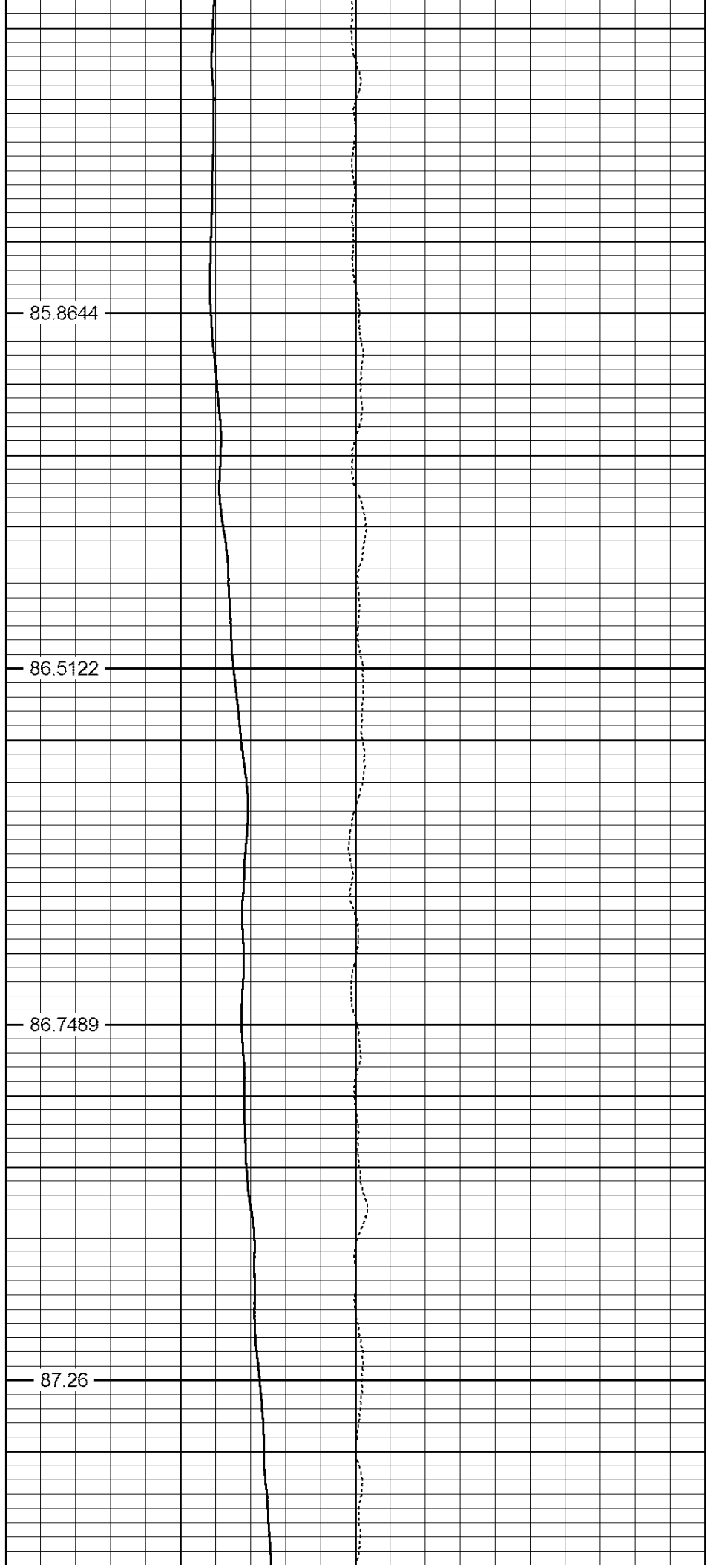
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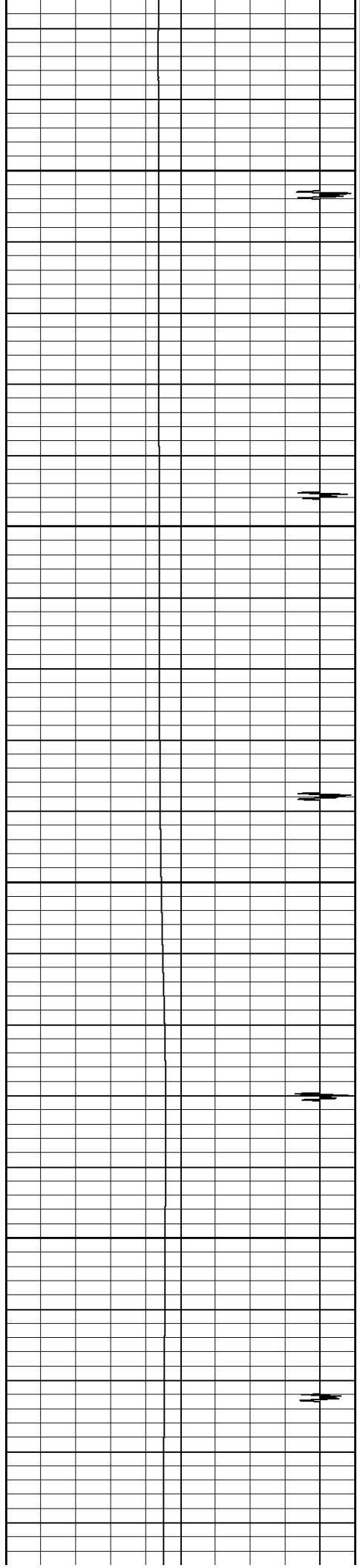
1200

86.7489

1250

87.26





1300

87.7515

1350

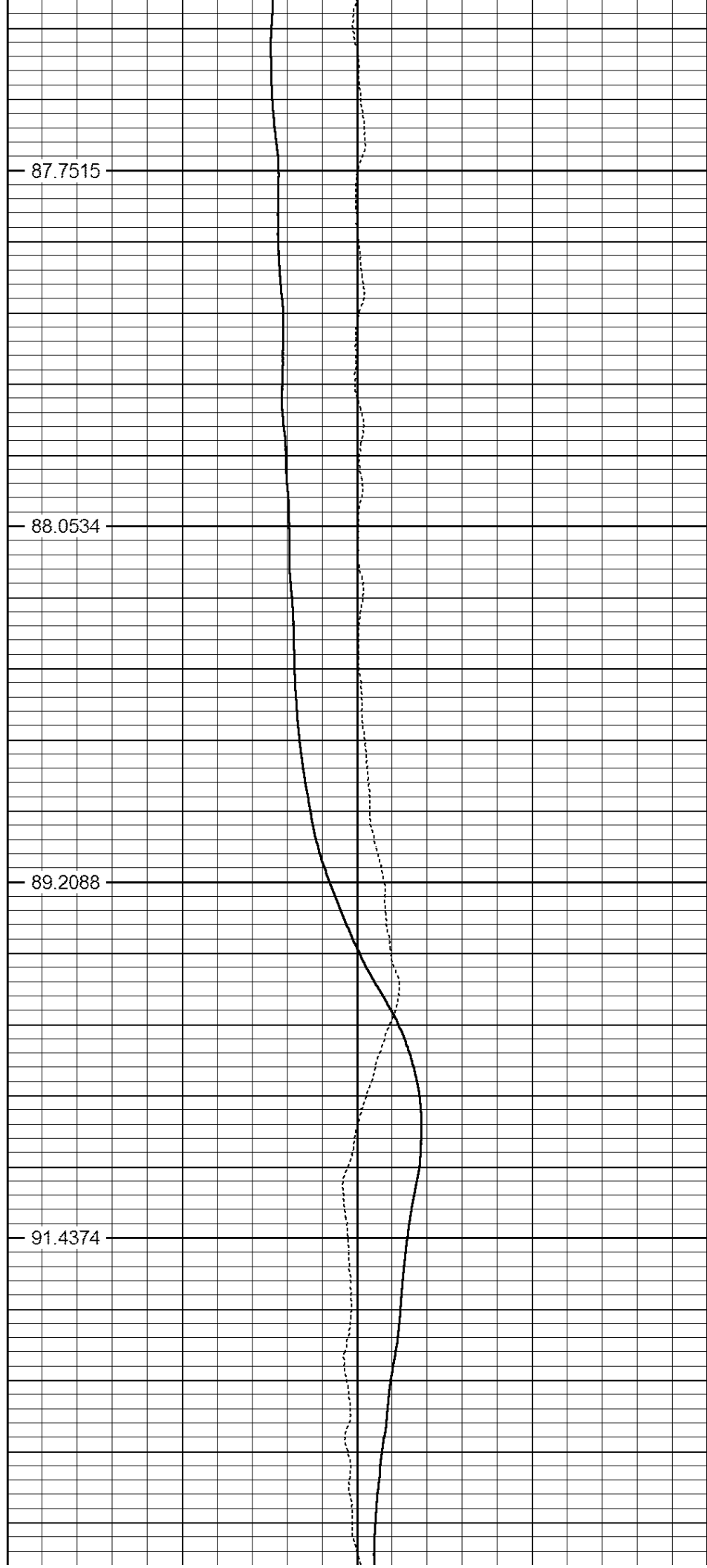
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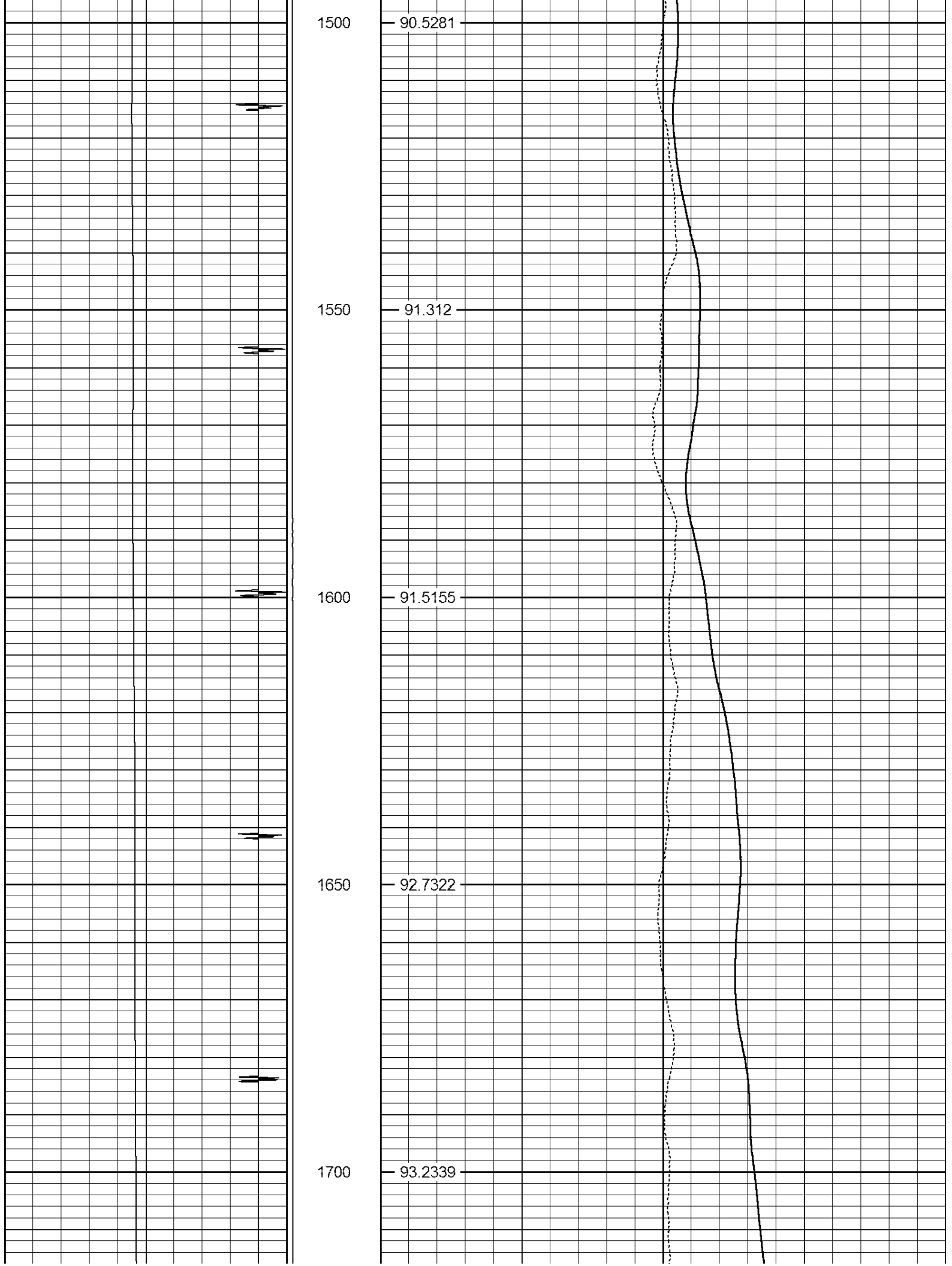
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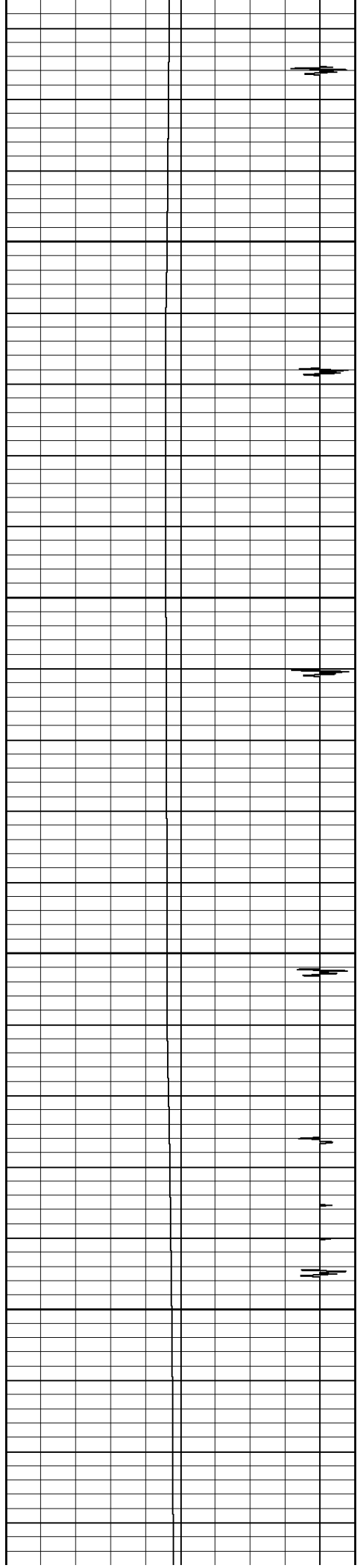
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1450

91.4374







1750

92.6114

1800

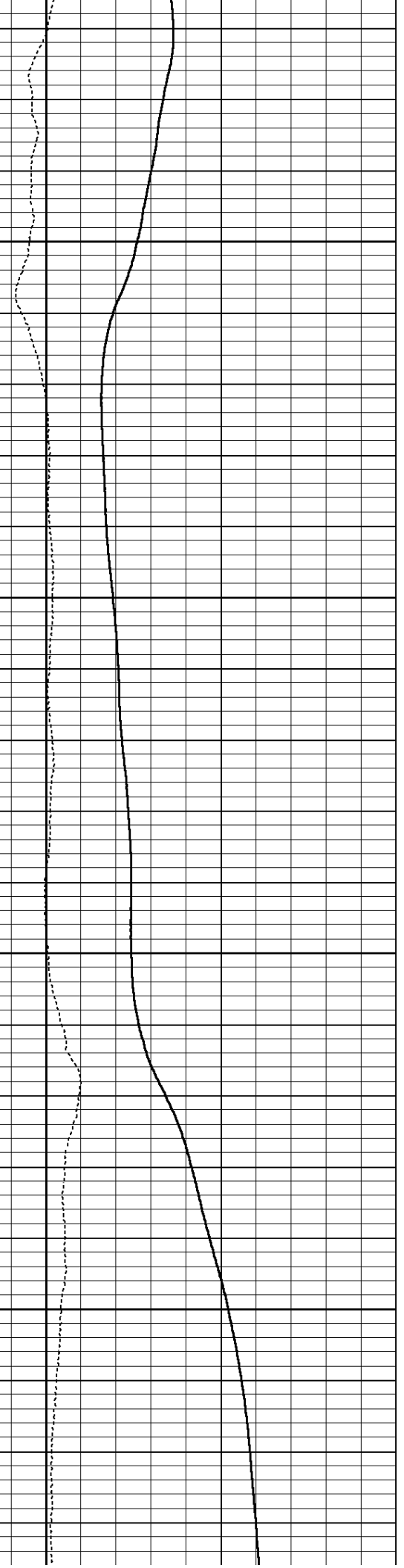
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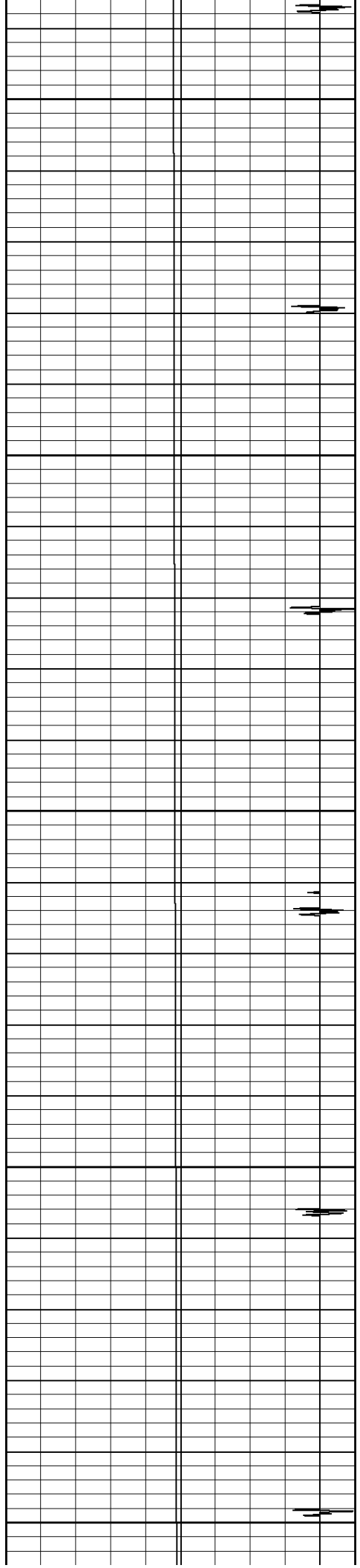
1850

92.4328

1900

95.2049





1950

96.3036

2000

96.6084

2050

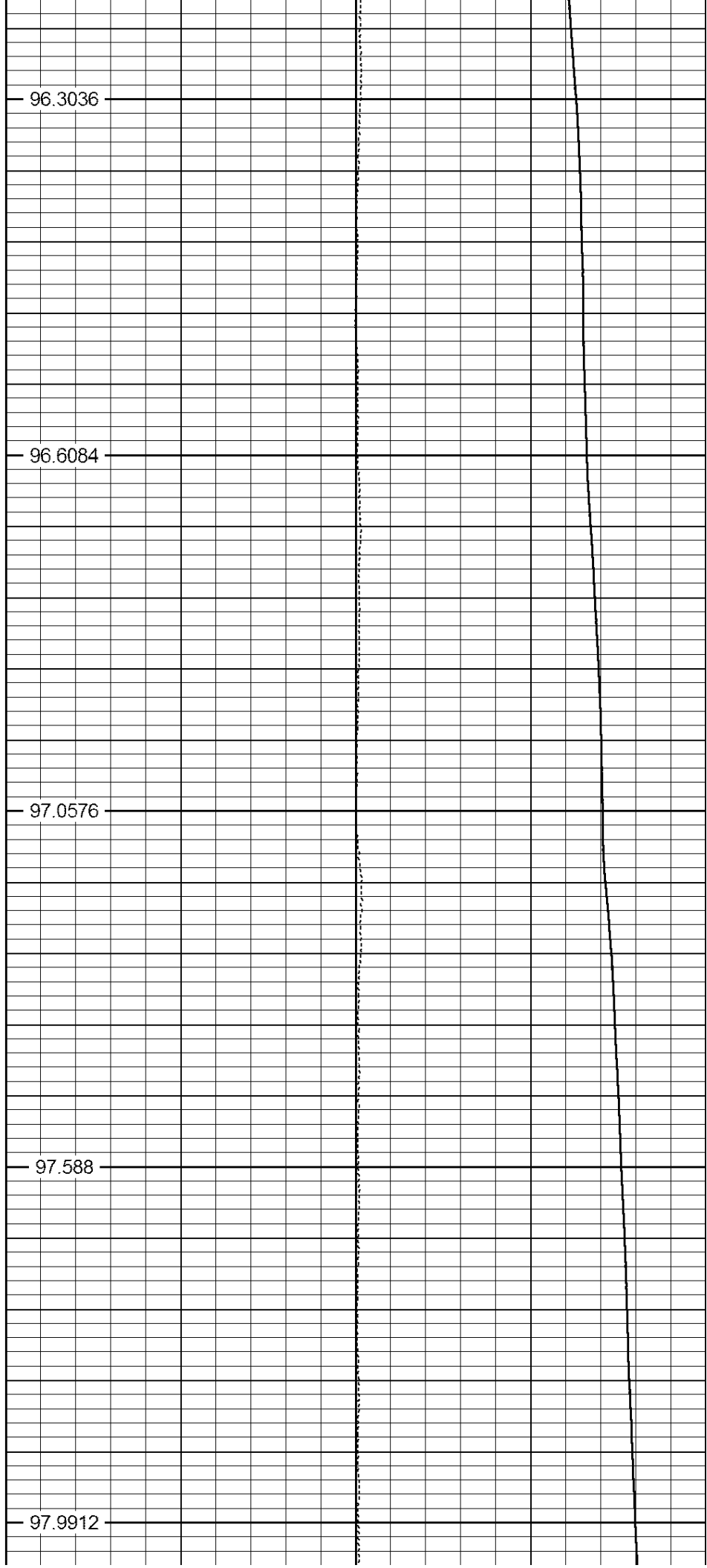
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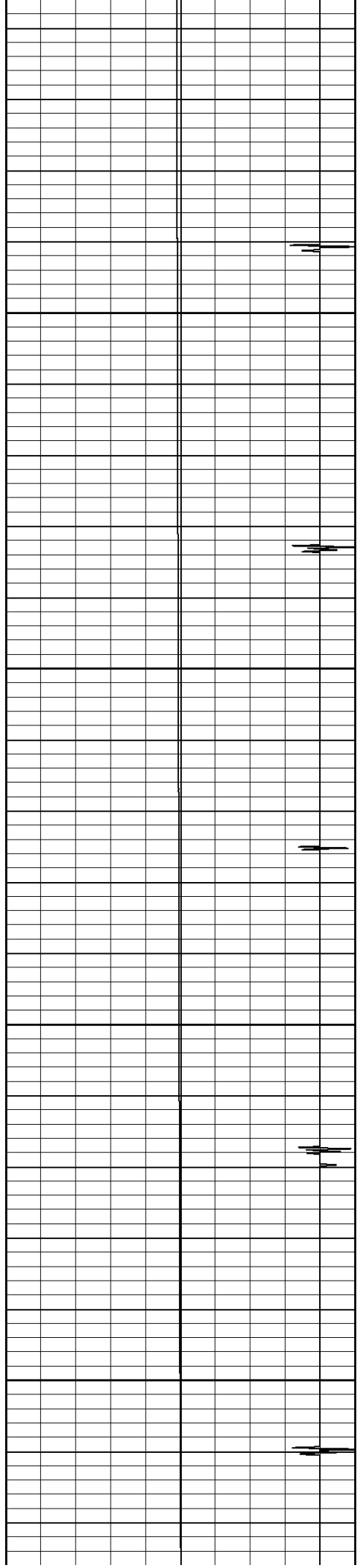
2100

97.588

2150

97.9912





2200

98.4932

2250

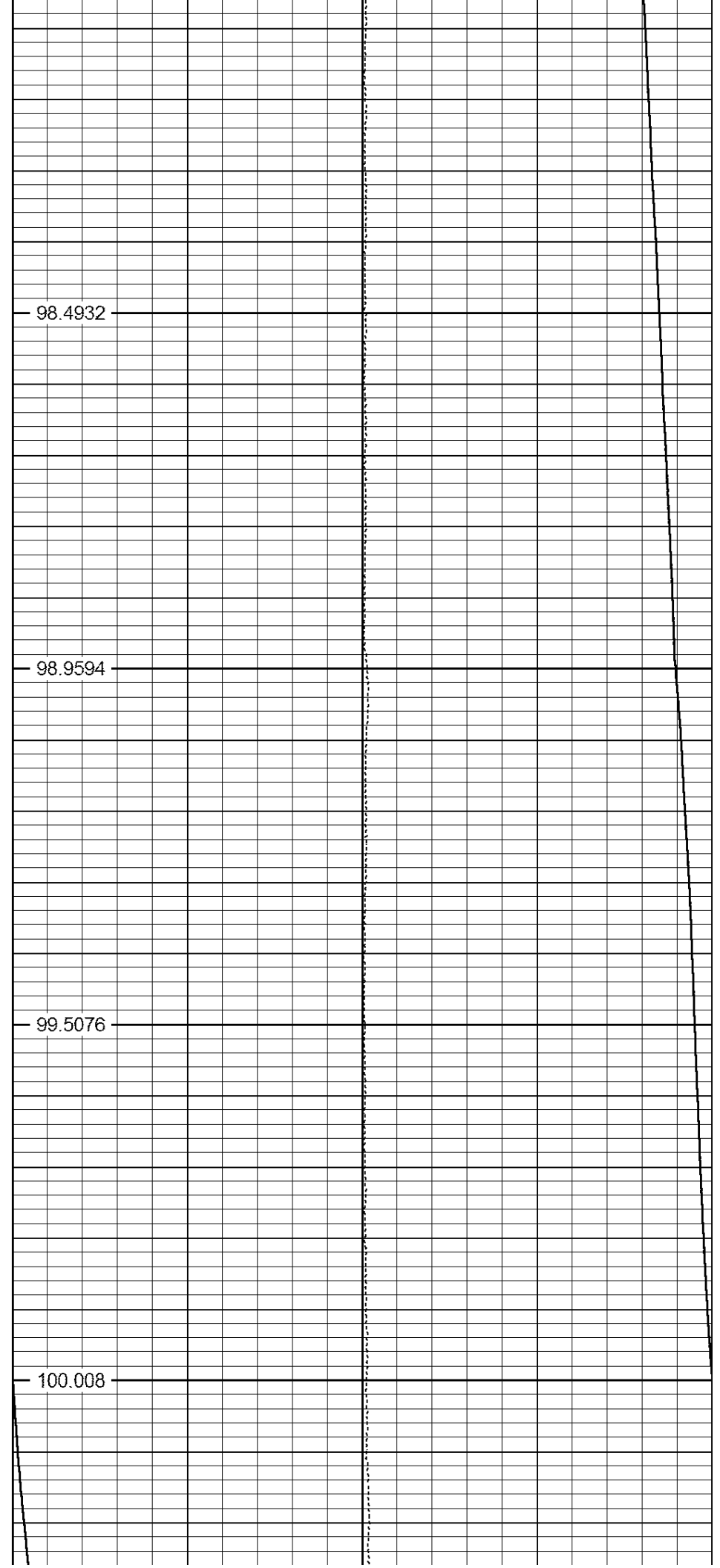
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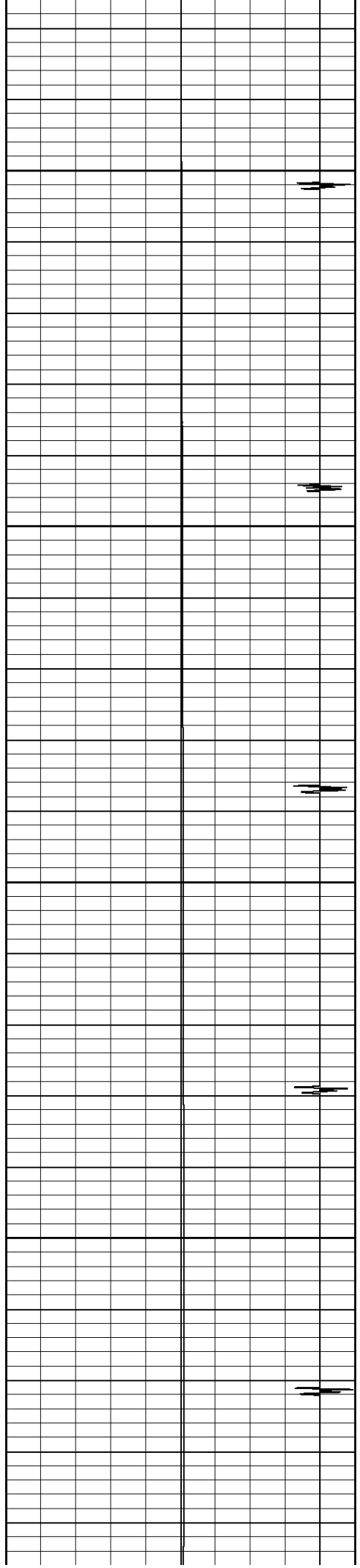
2300

99.5076

2350

100.008





2400

100.823

2450

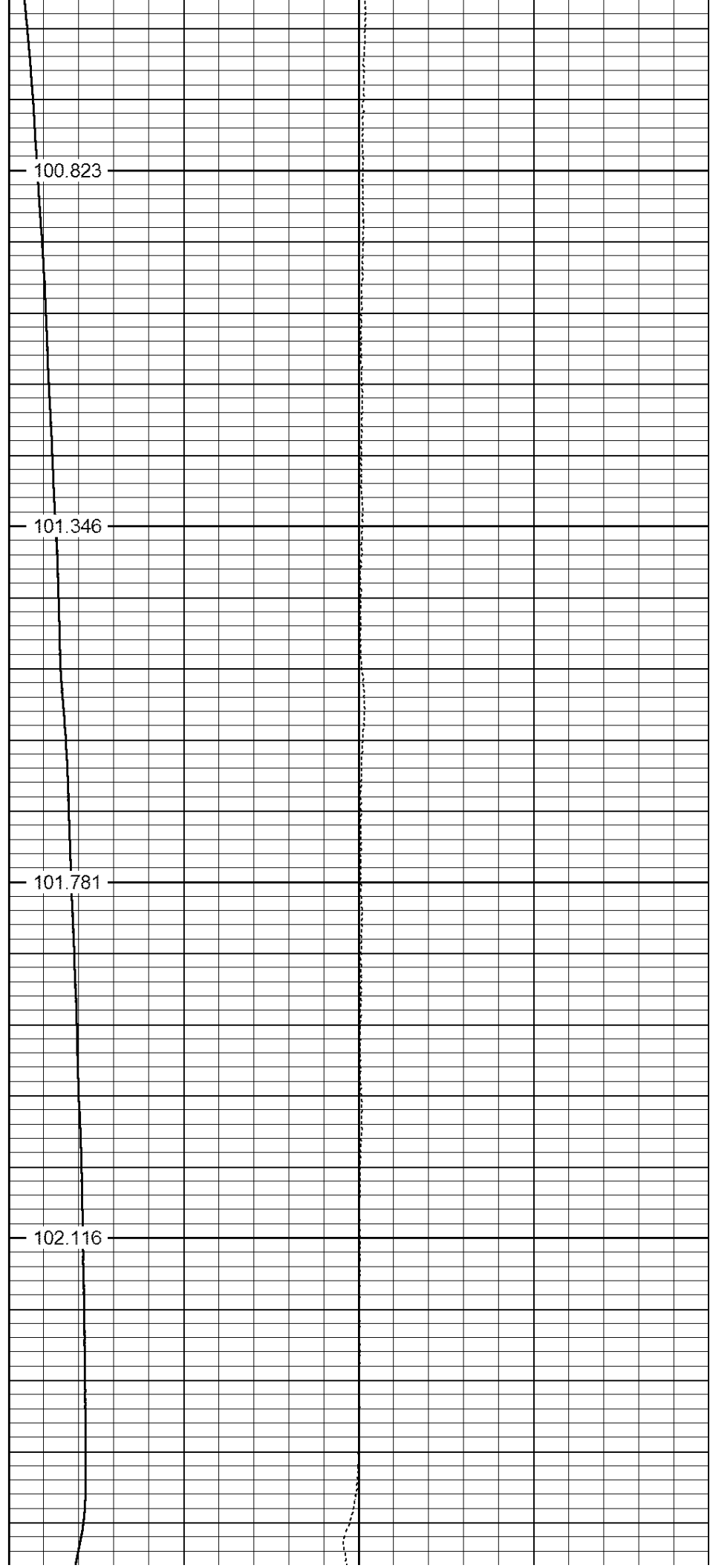
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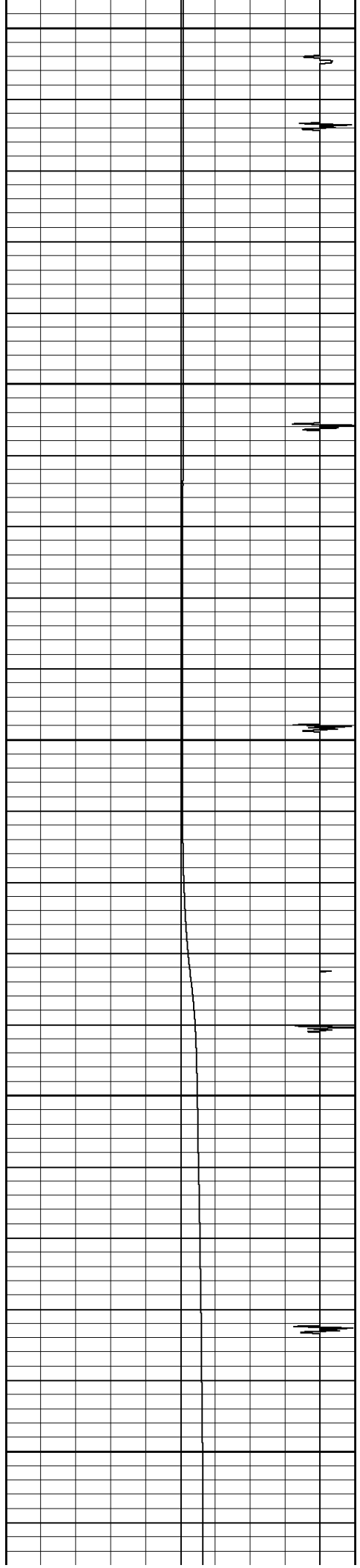
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101.781

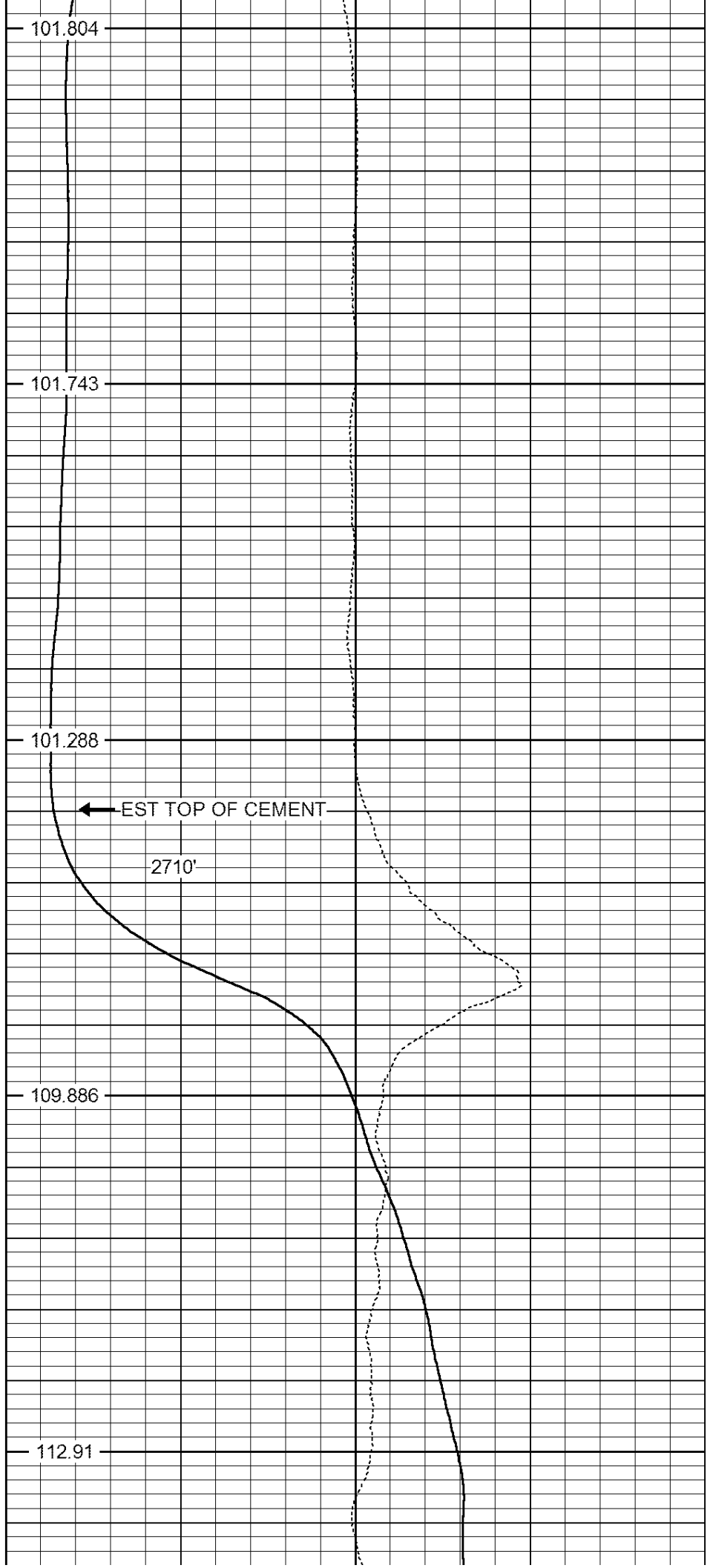
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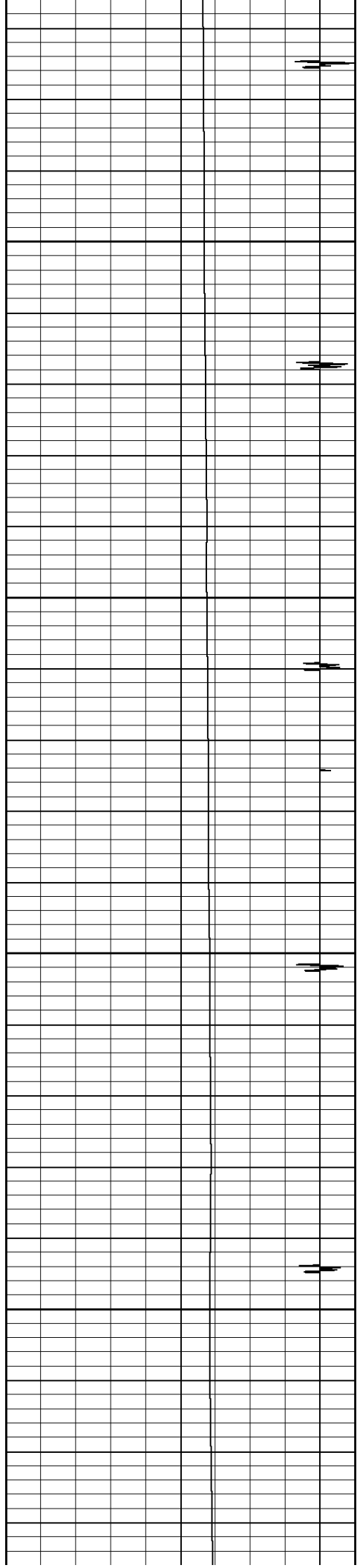
102.116





2600 — 101.804  
2650 — 101.743  
2700 — 101.288  
2750 — 109.886  
2800 — 112.91





2850

- 113.997

2900

- 115.283

2950

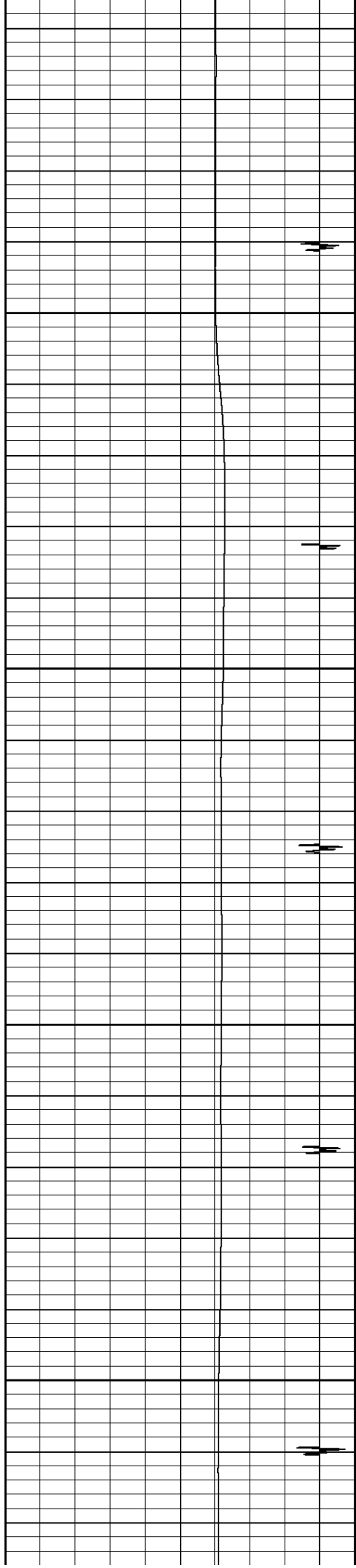
- 116.946

3000

- 116.998







3300

120.744

3350

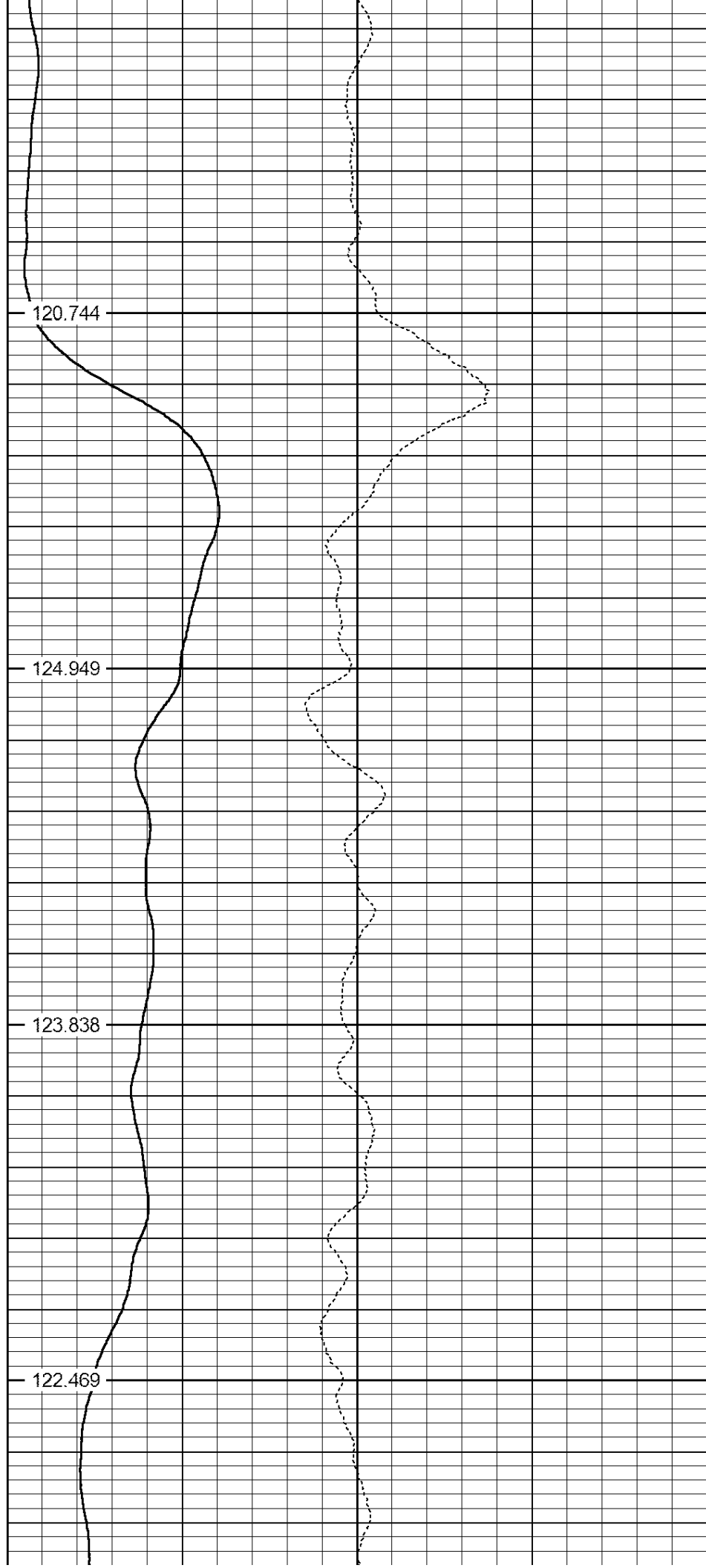
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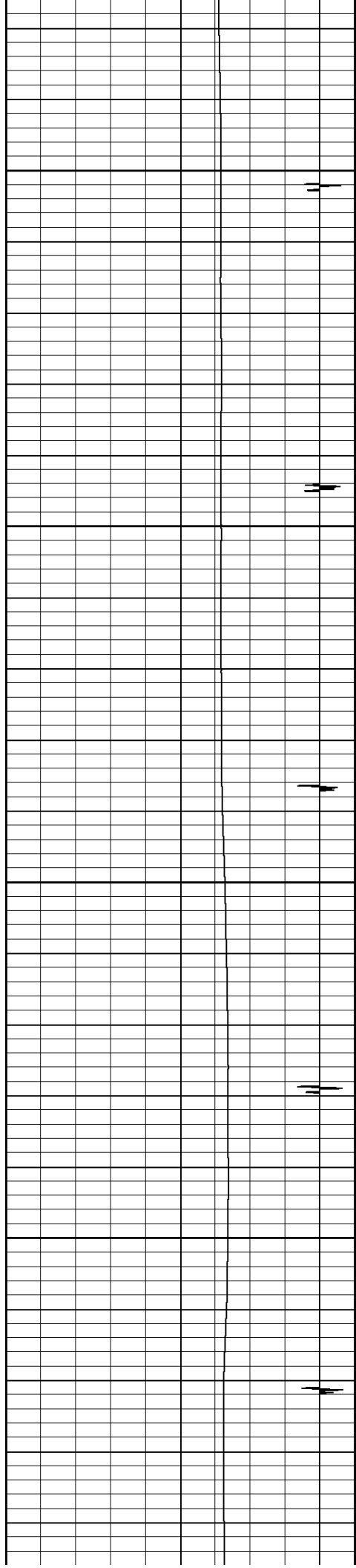
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123.838

3450

122.469





3500

123.449

3550

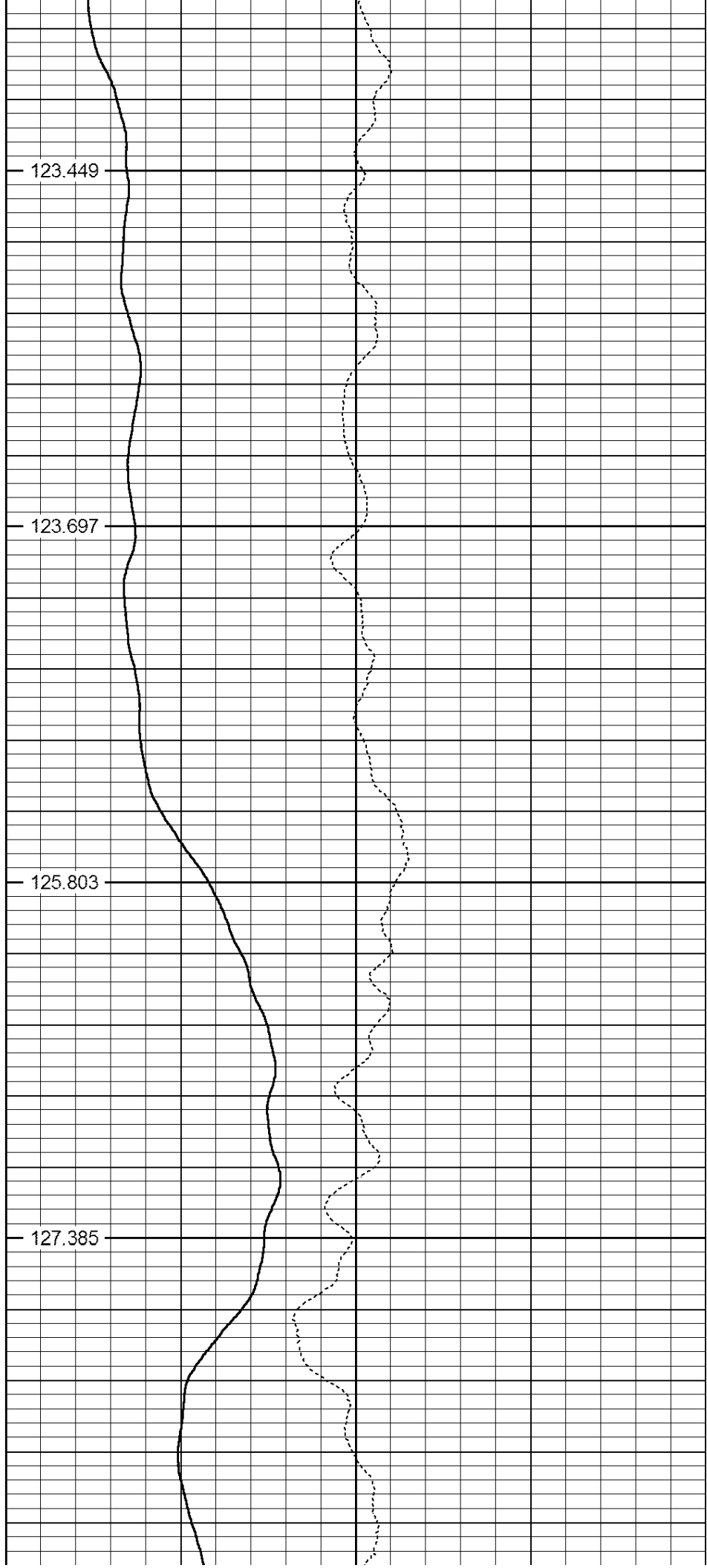
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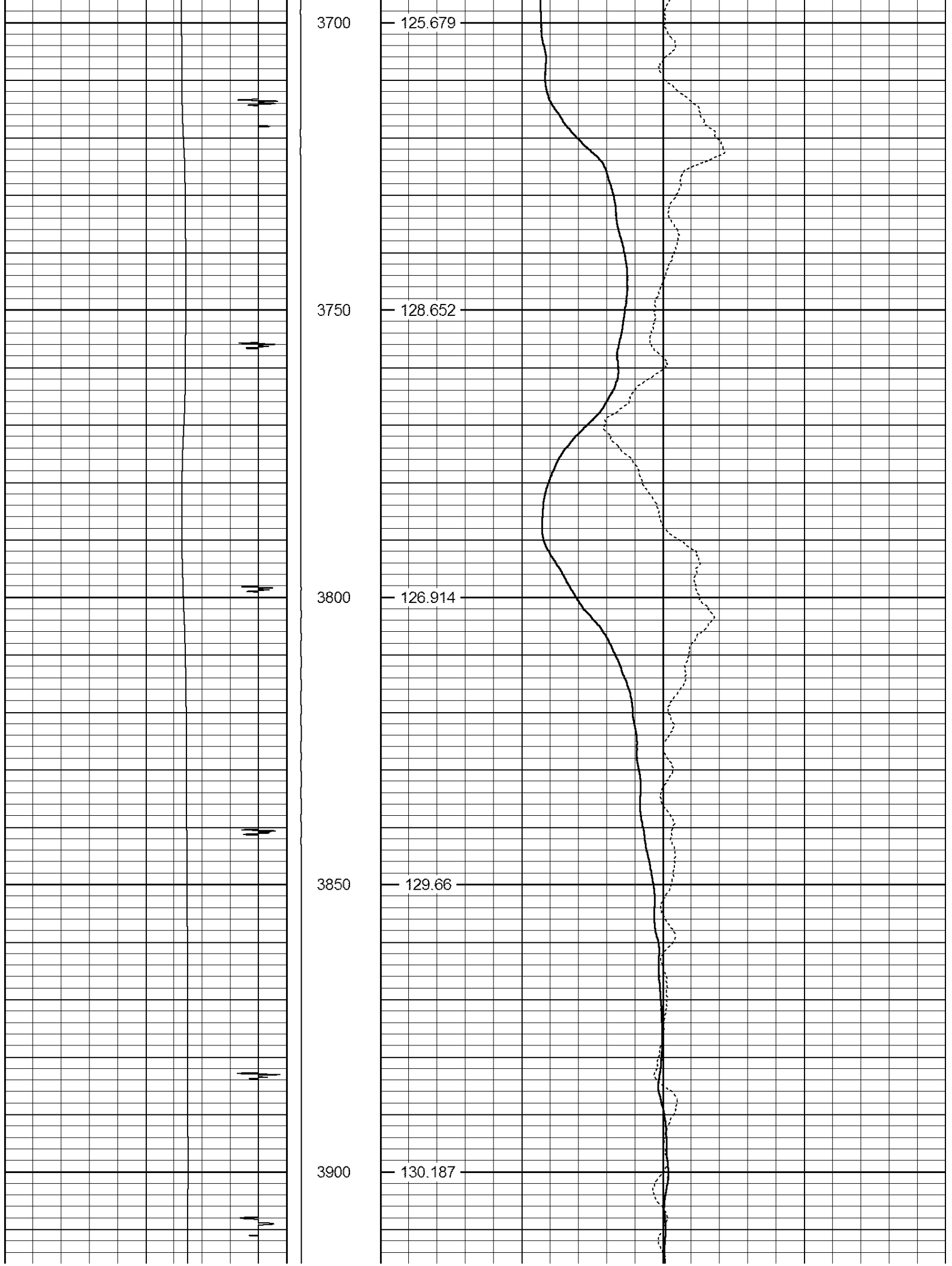
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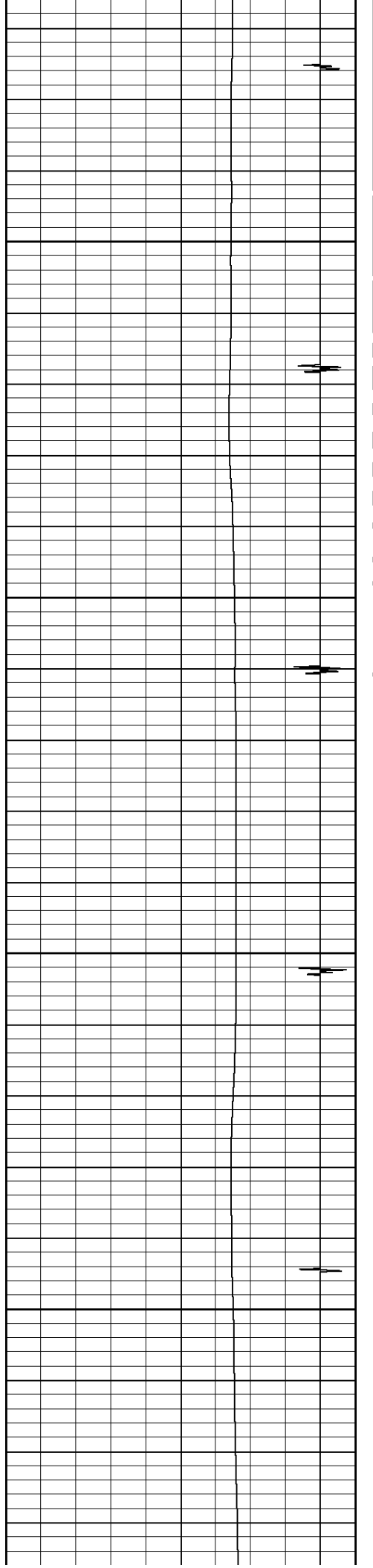
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3650

127.385







3950

4000

4050

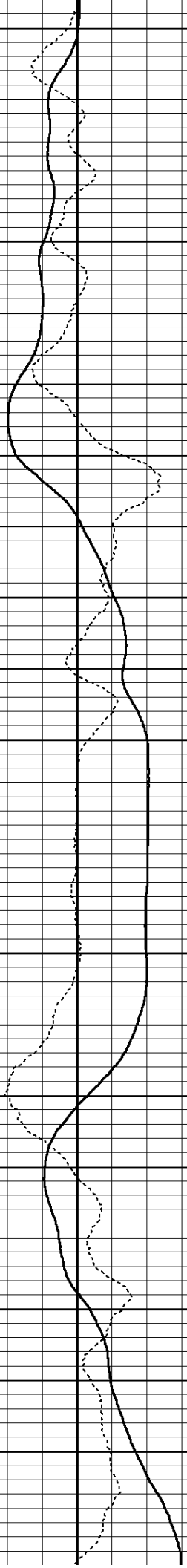
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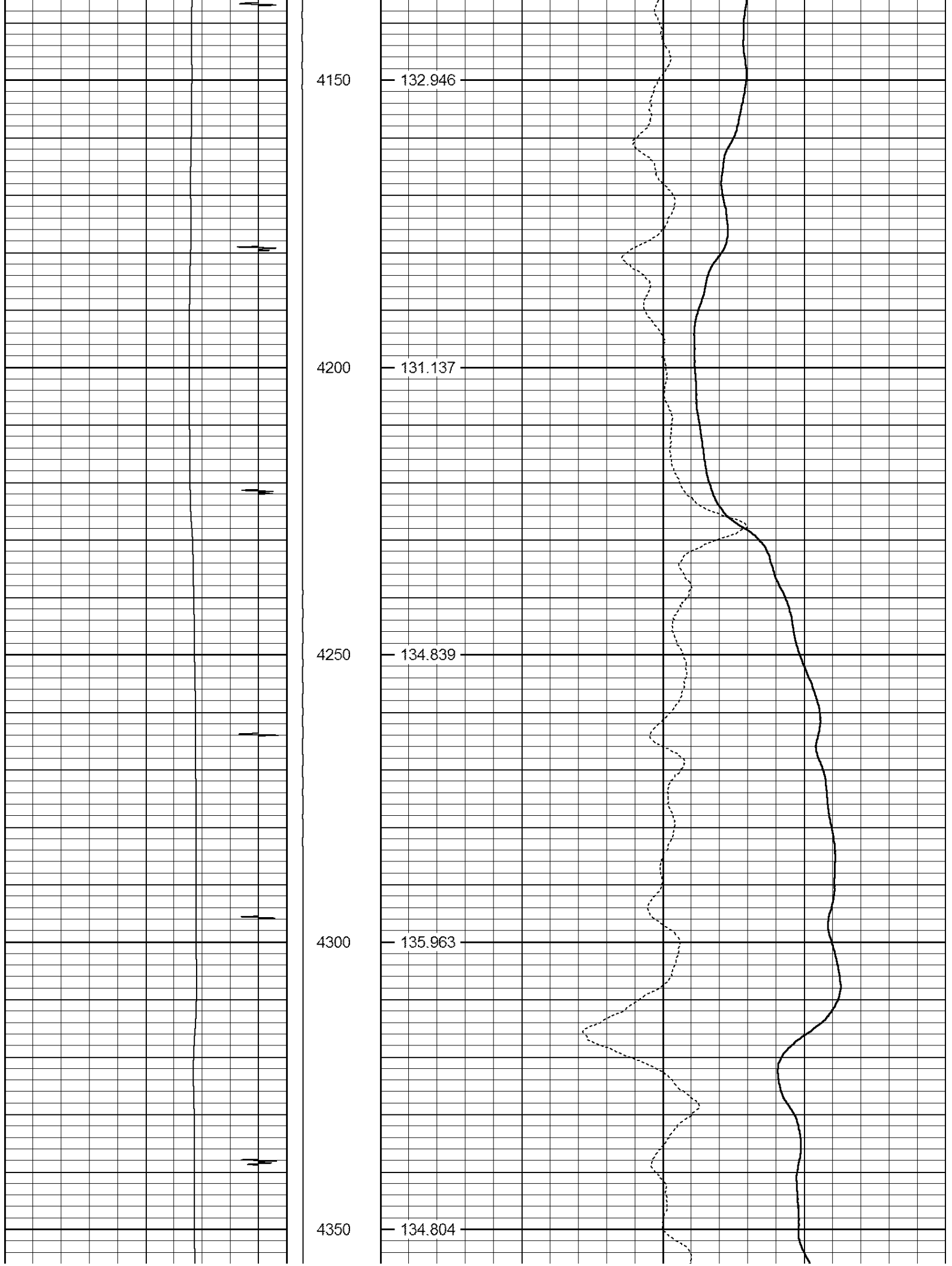
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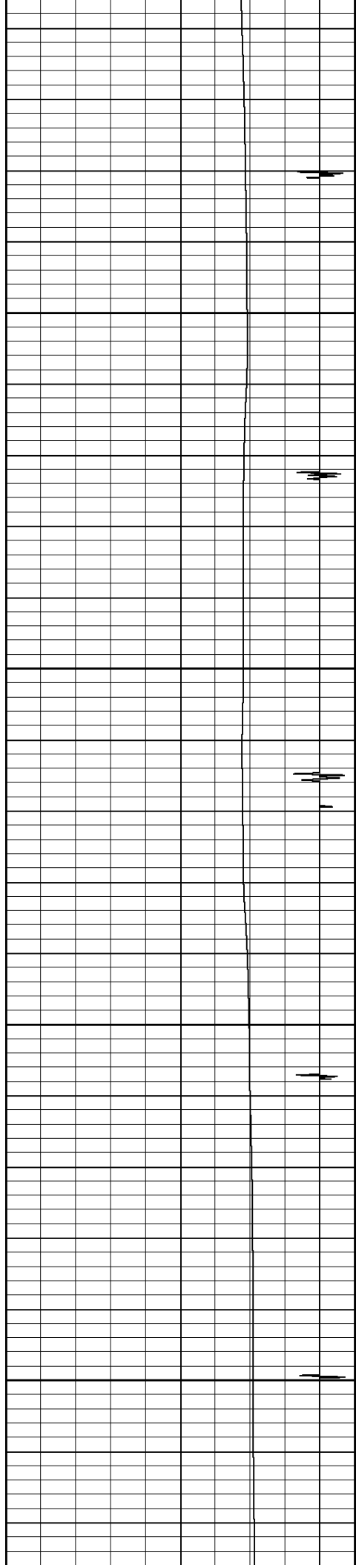
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131.974

130.367







4400

138.572

4450

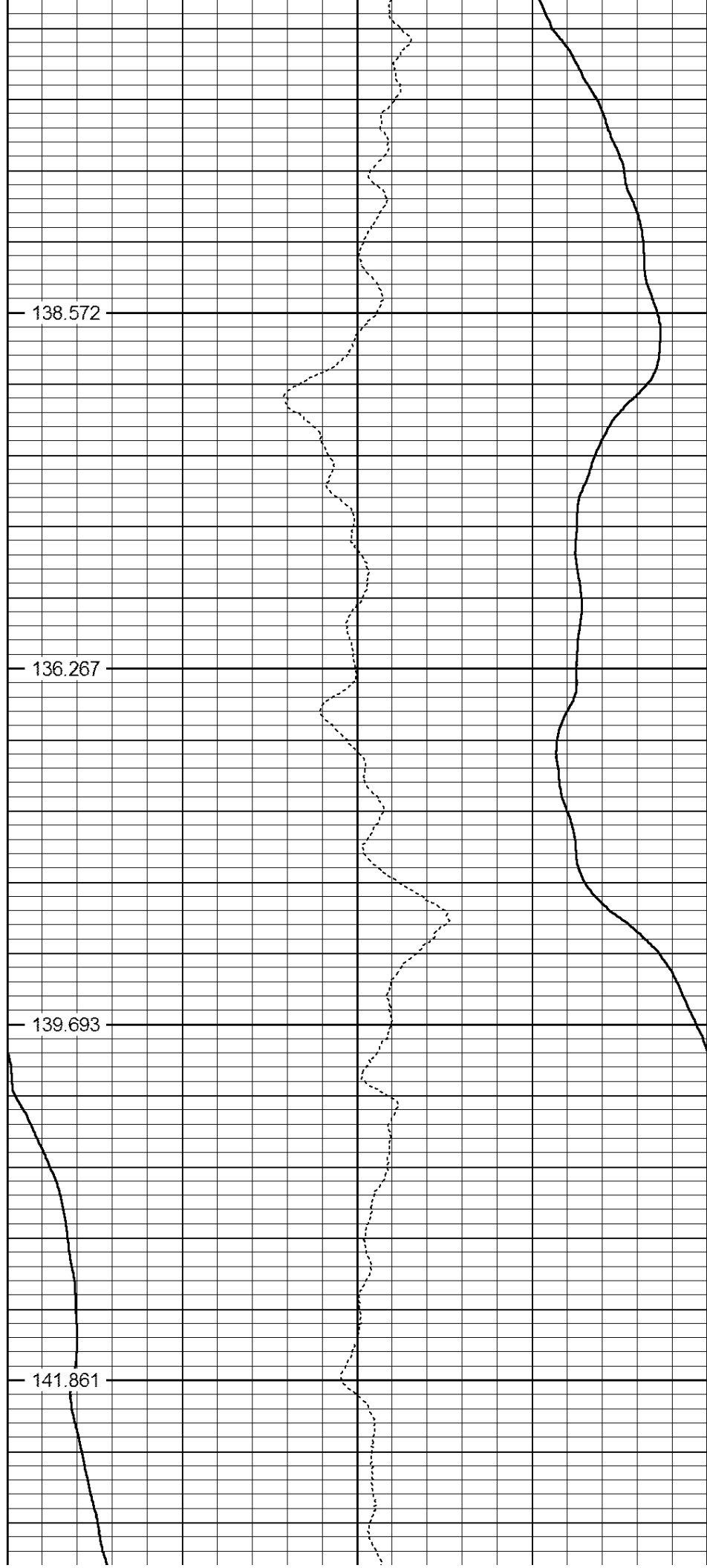
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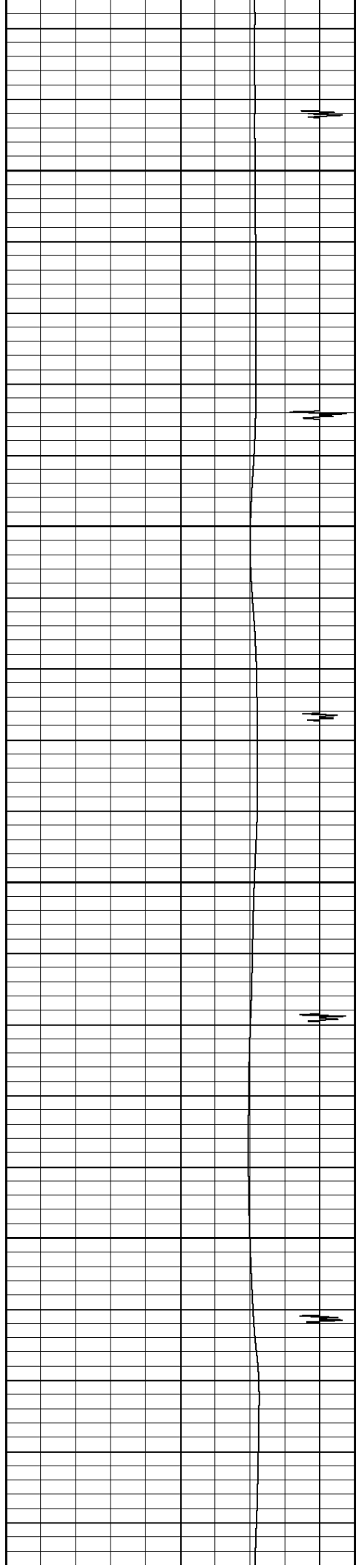
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139.693

4550

141.861





4600

143.145

4650

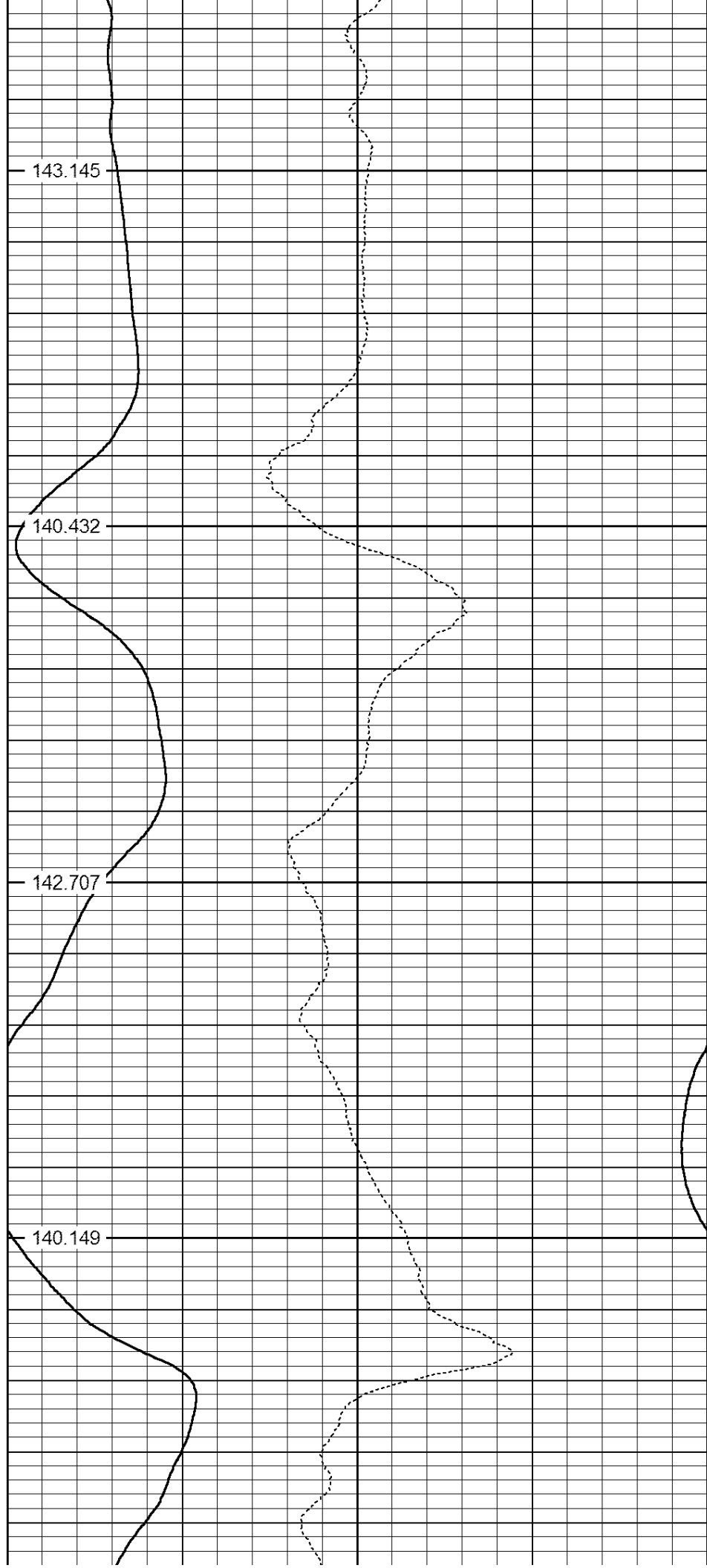
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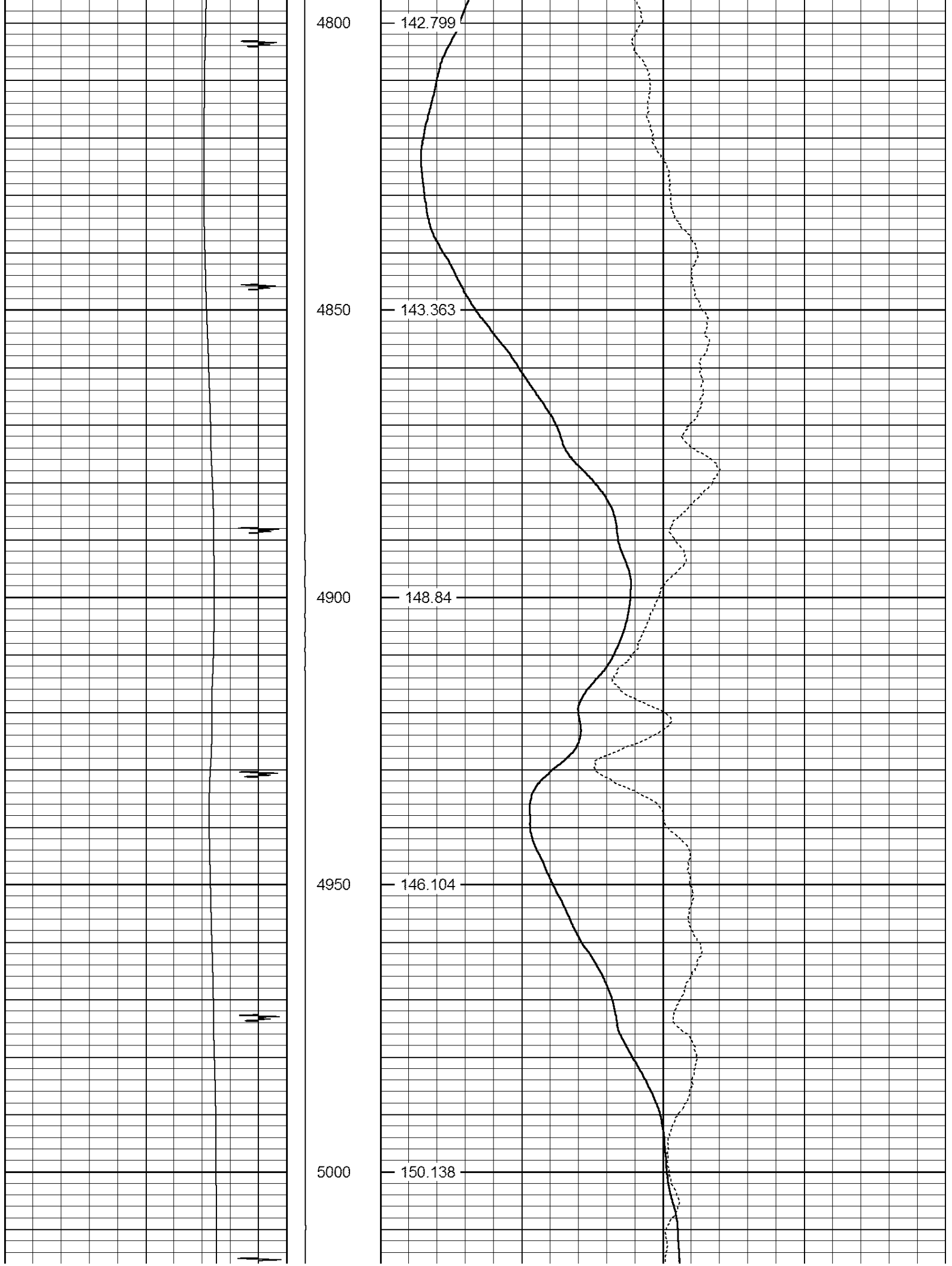
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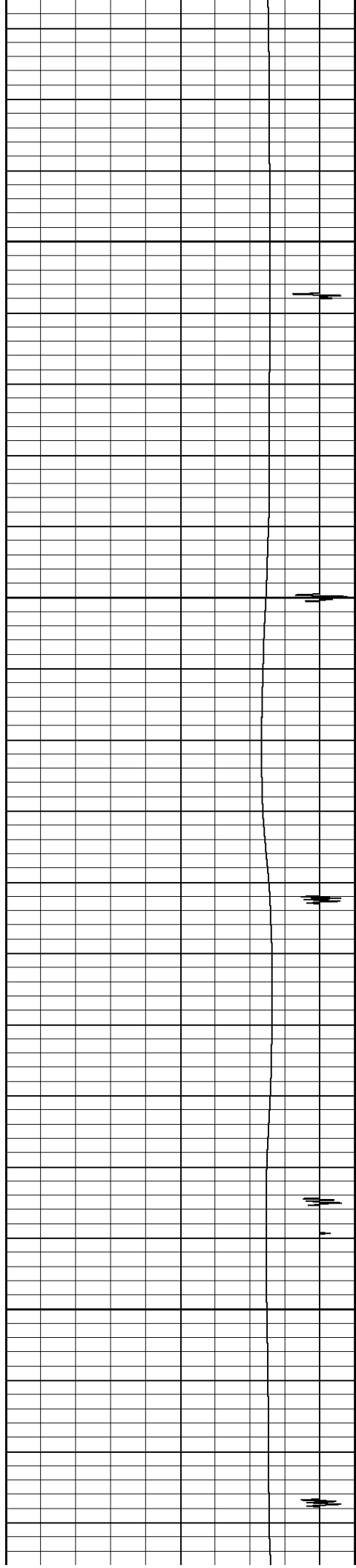
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4750

140.149







5050

151.576

5100

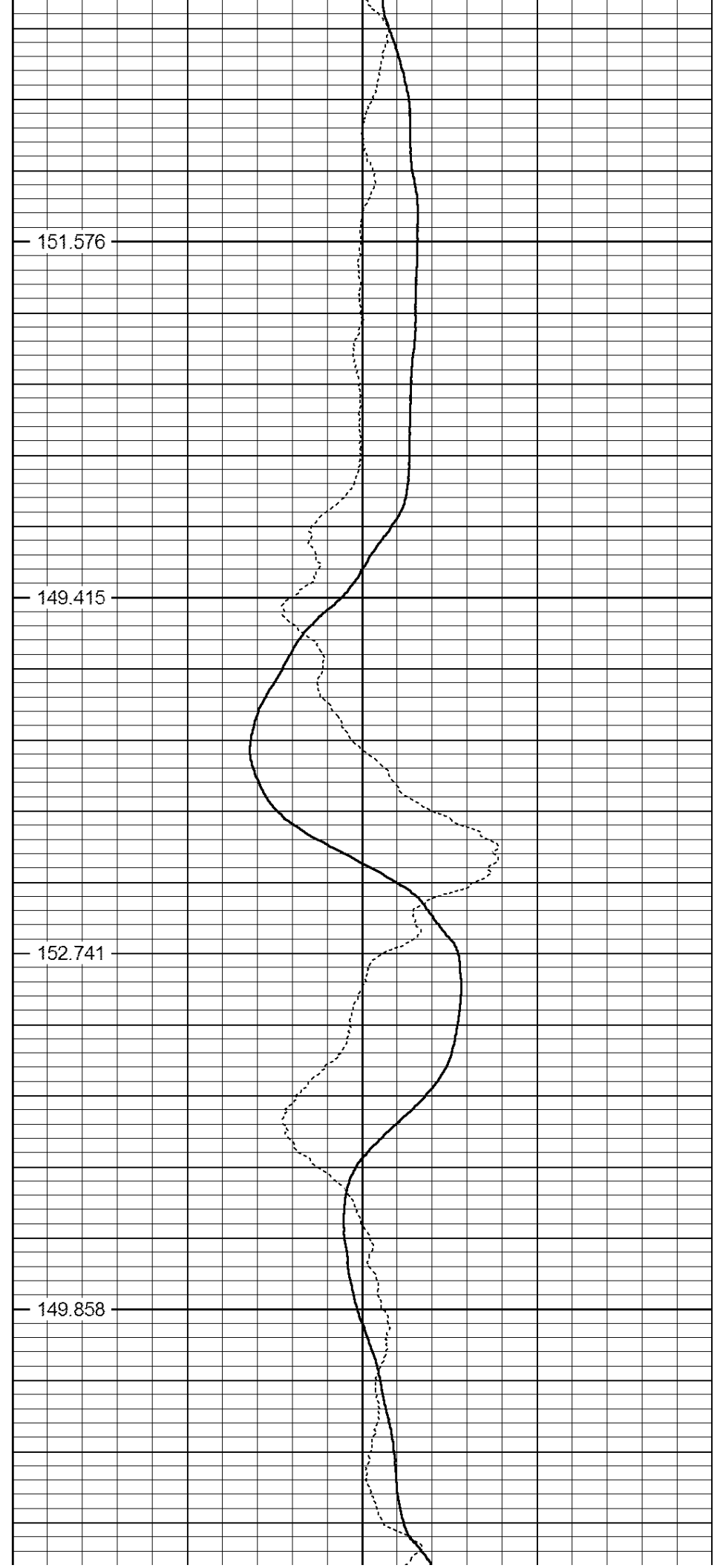
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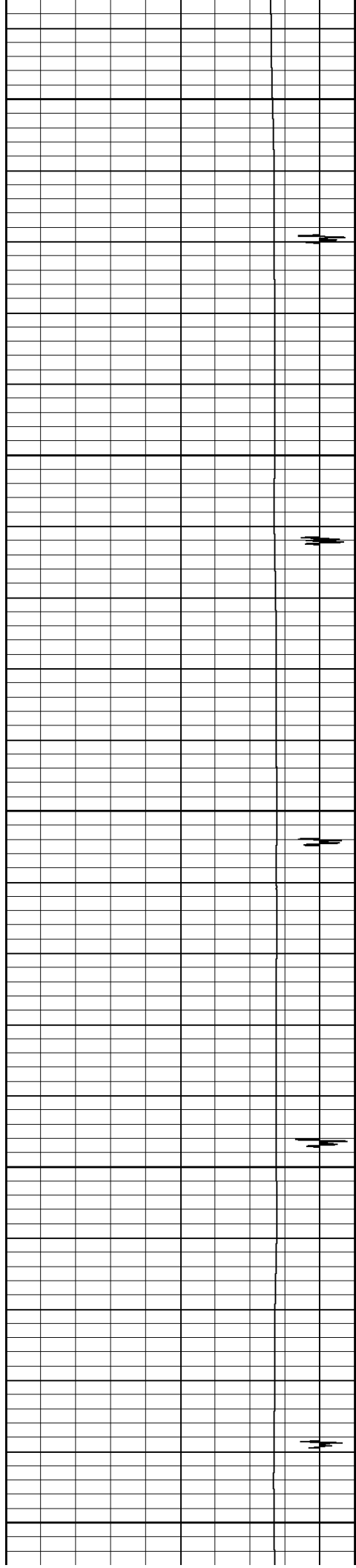
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152.741

5200

149.858





5250

153.032

5300

154.428

5350

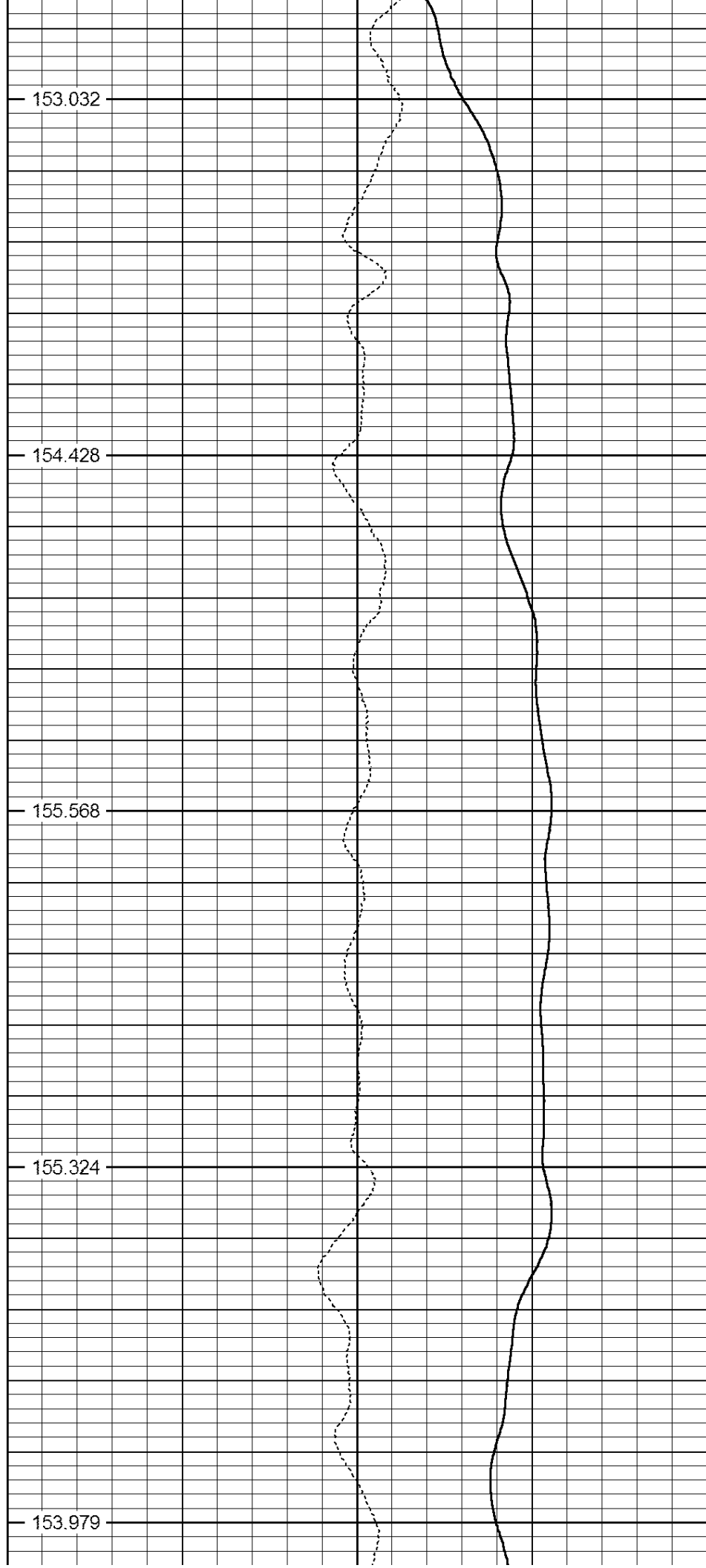
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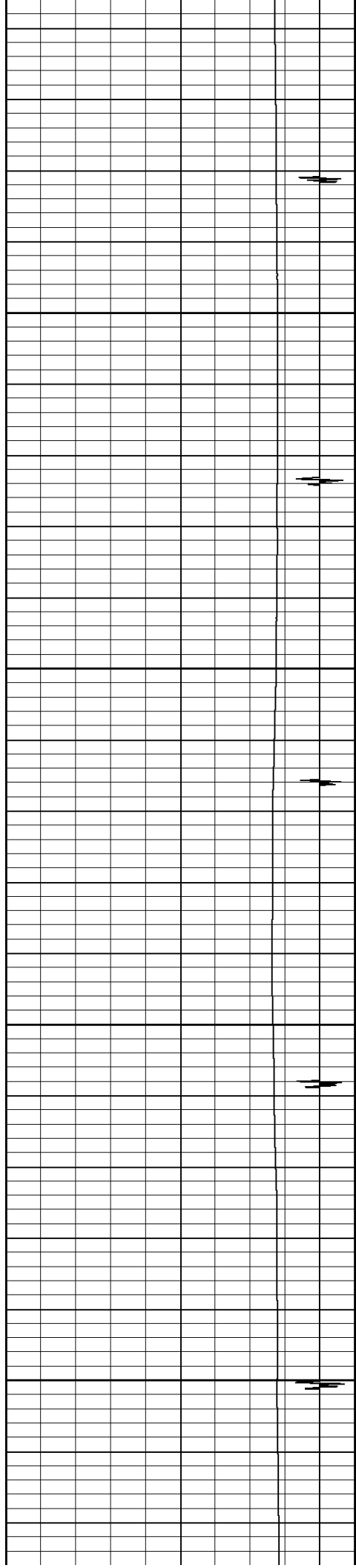
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5450

153.979





5500

155.87

5550

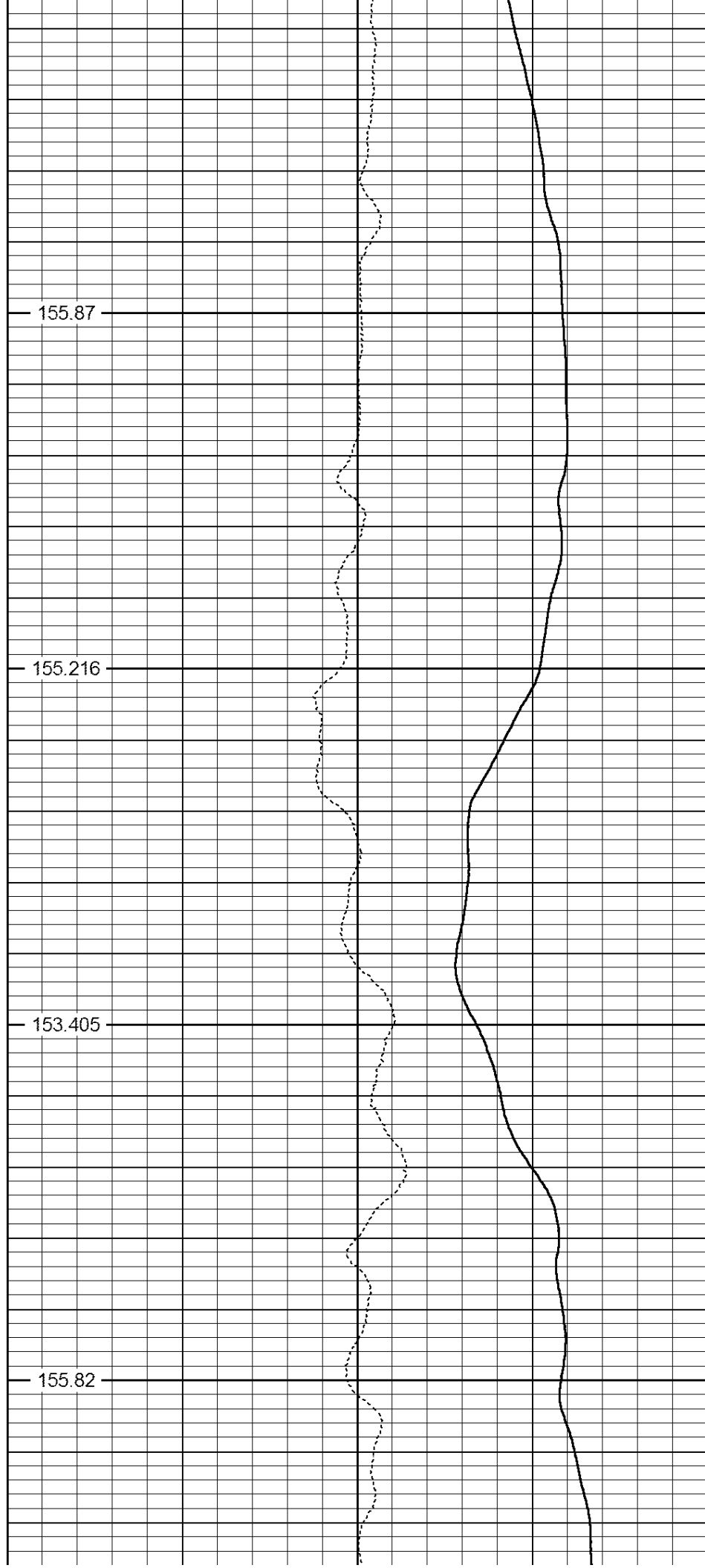
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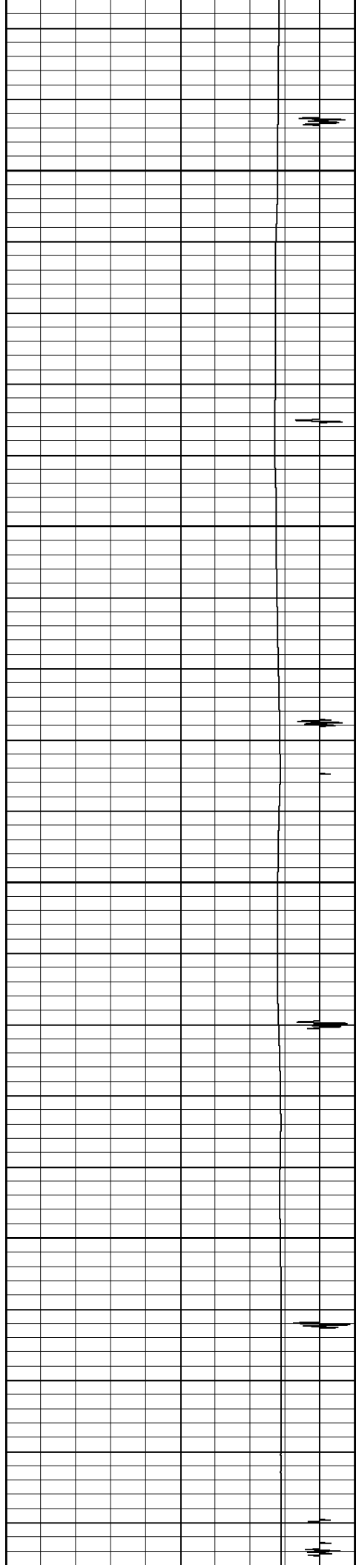
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153.405

5650

155.82





5700

155.889

5750

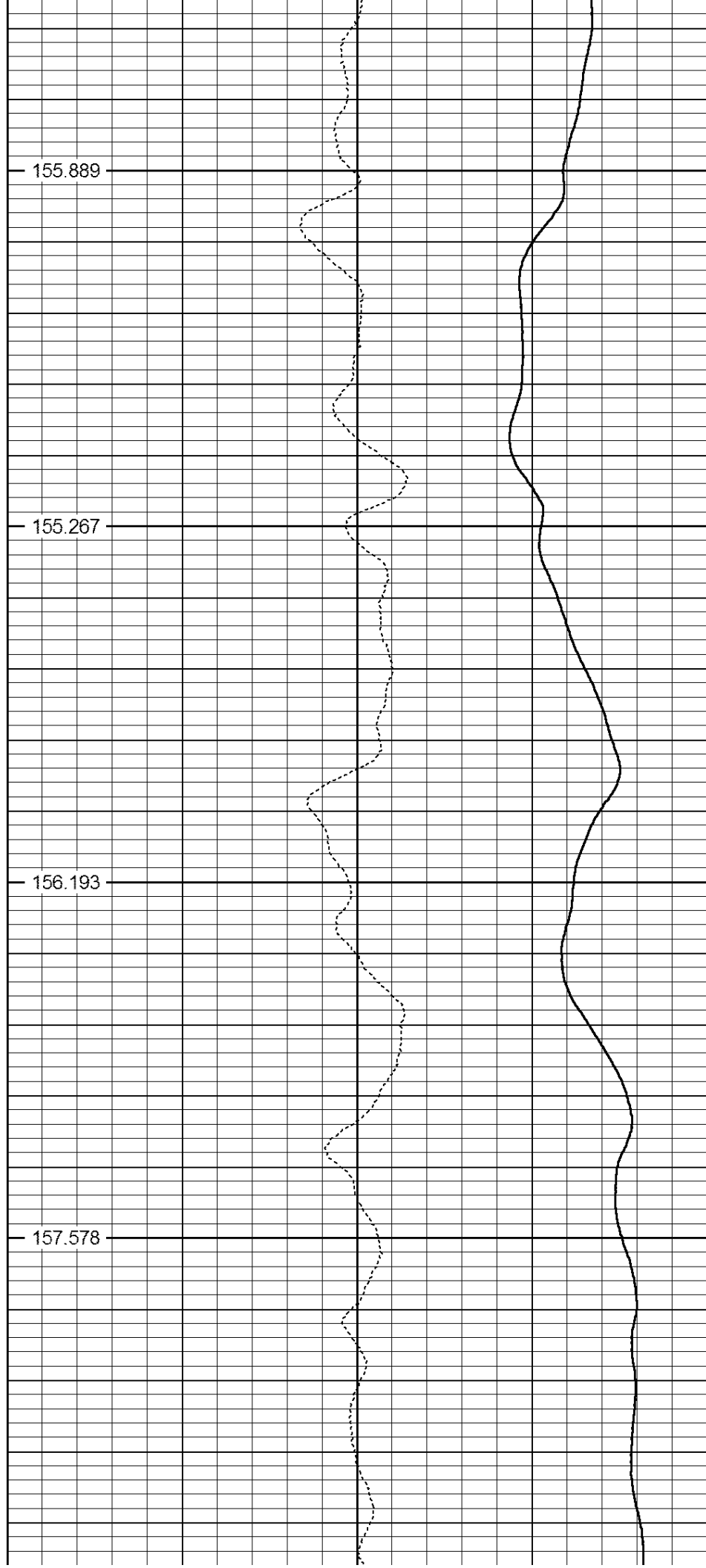
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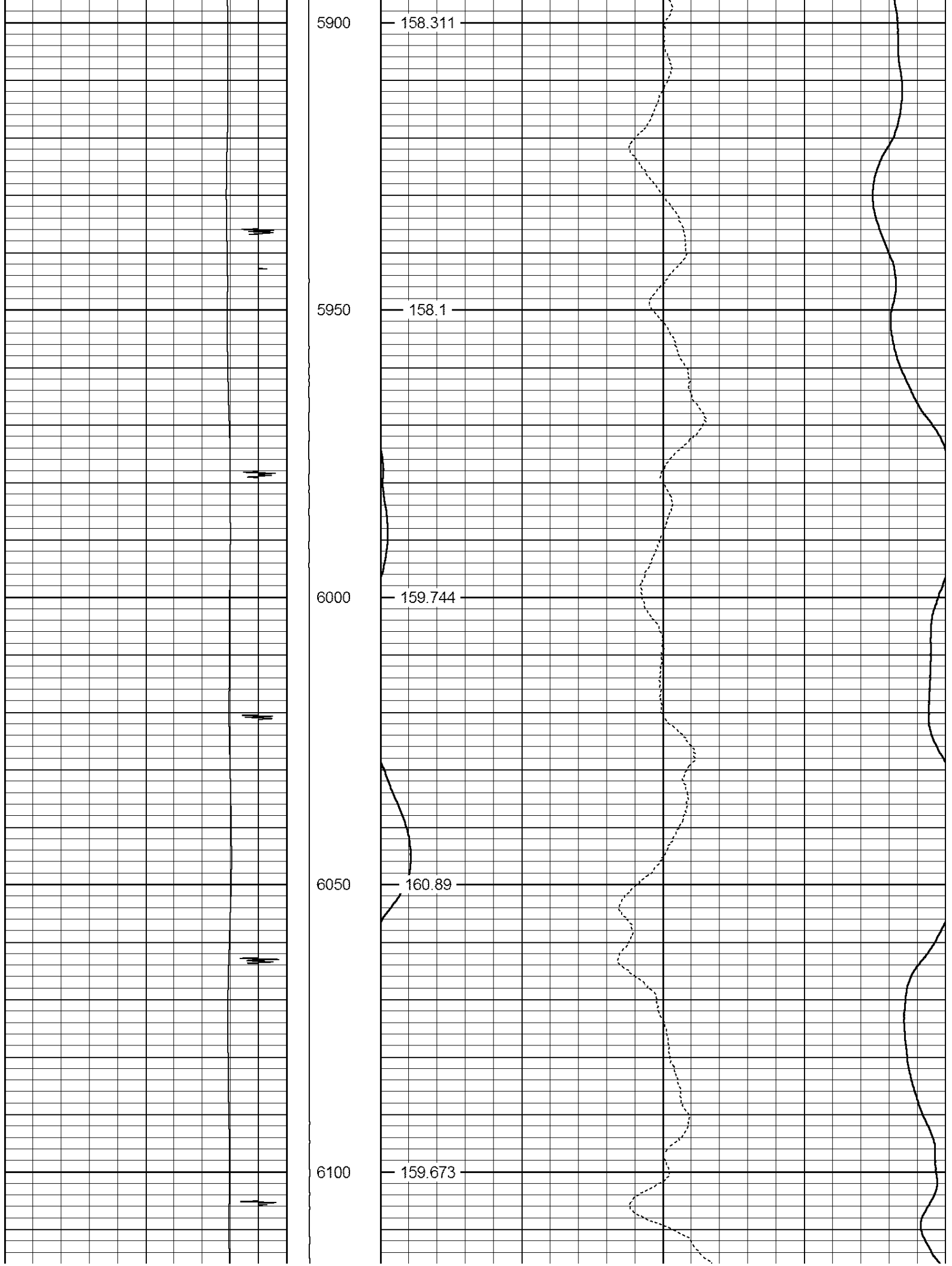
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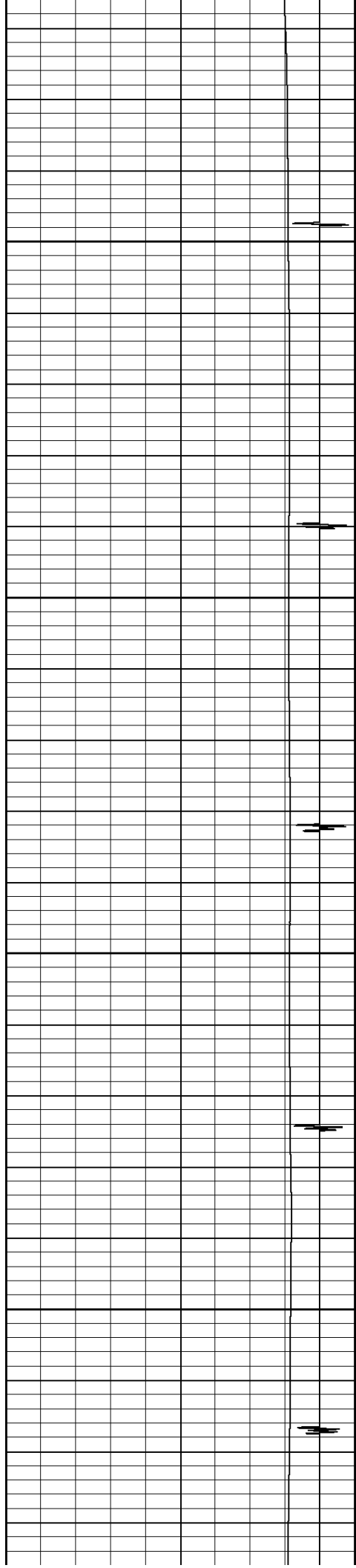
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5850

157.578







6150

162.127

6200

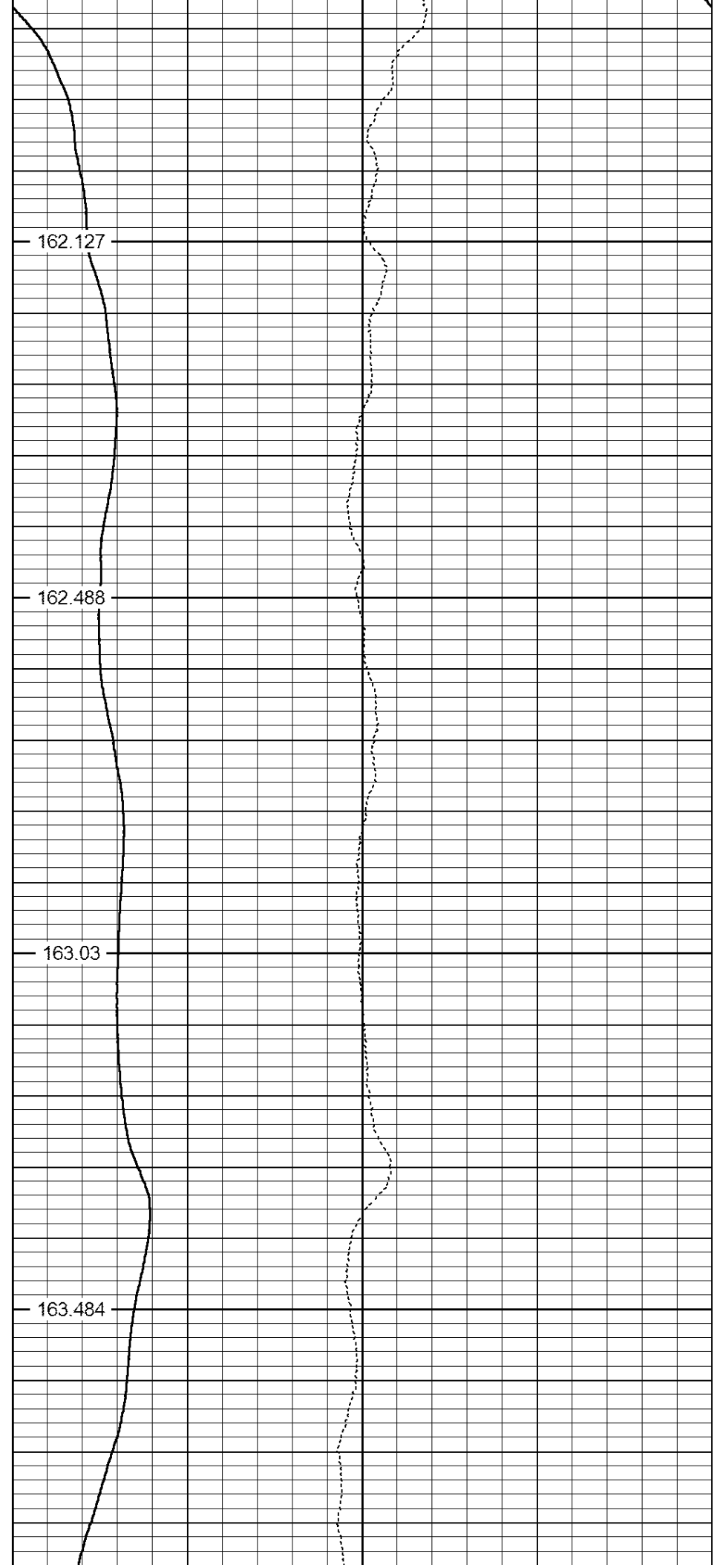
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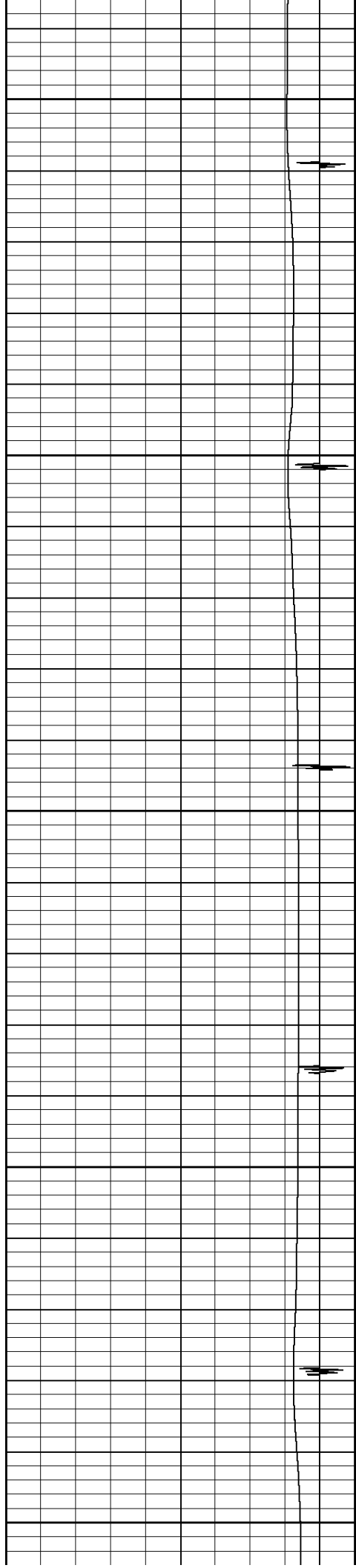
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163.03

6300

163.484





6350

161.428

6400

162.14

6450

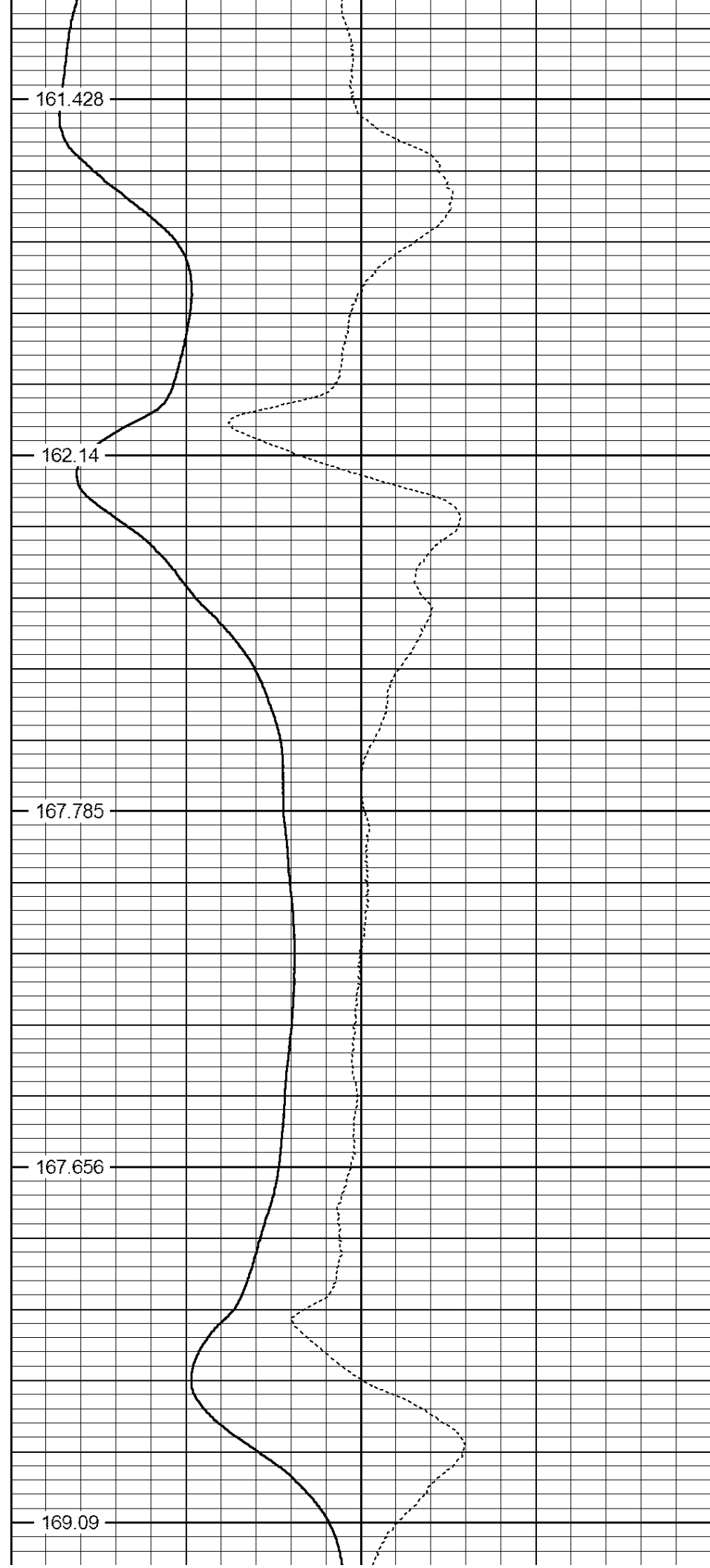
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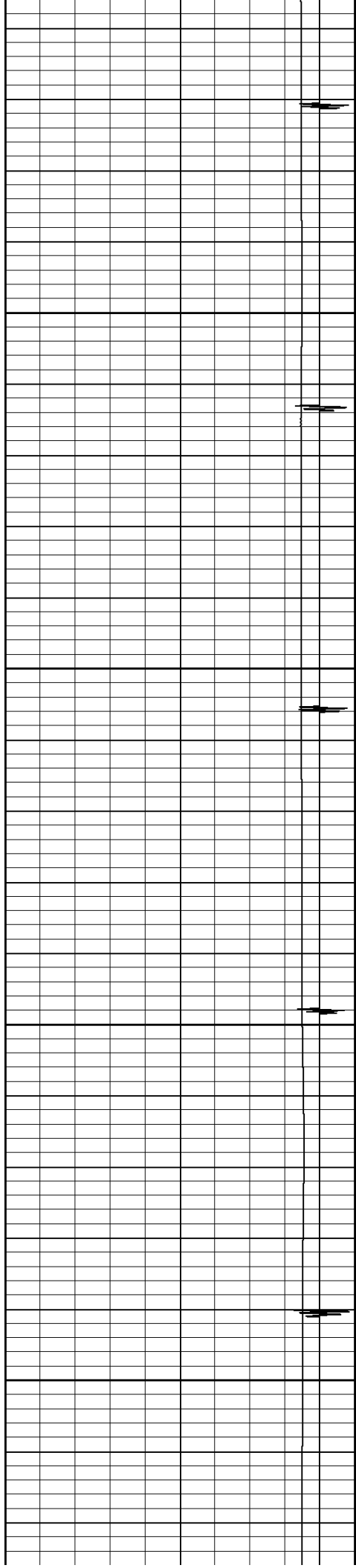
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6550

169.09





6600

169.965

6650

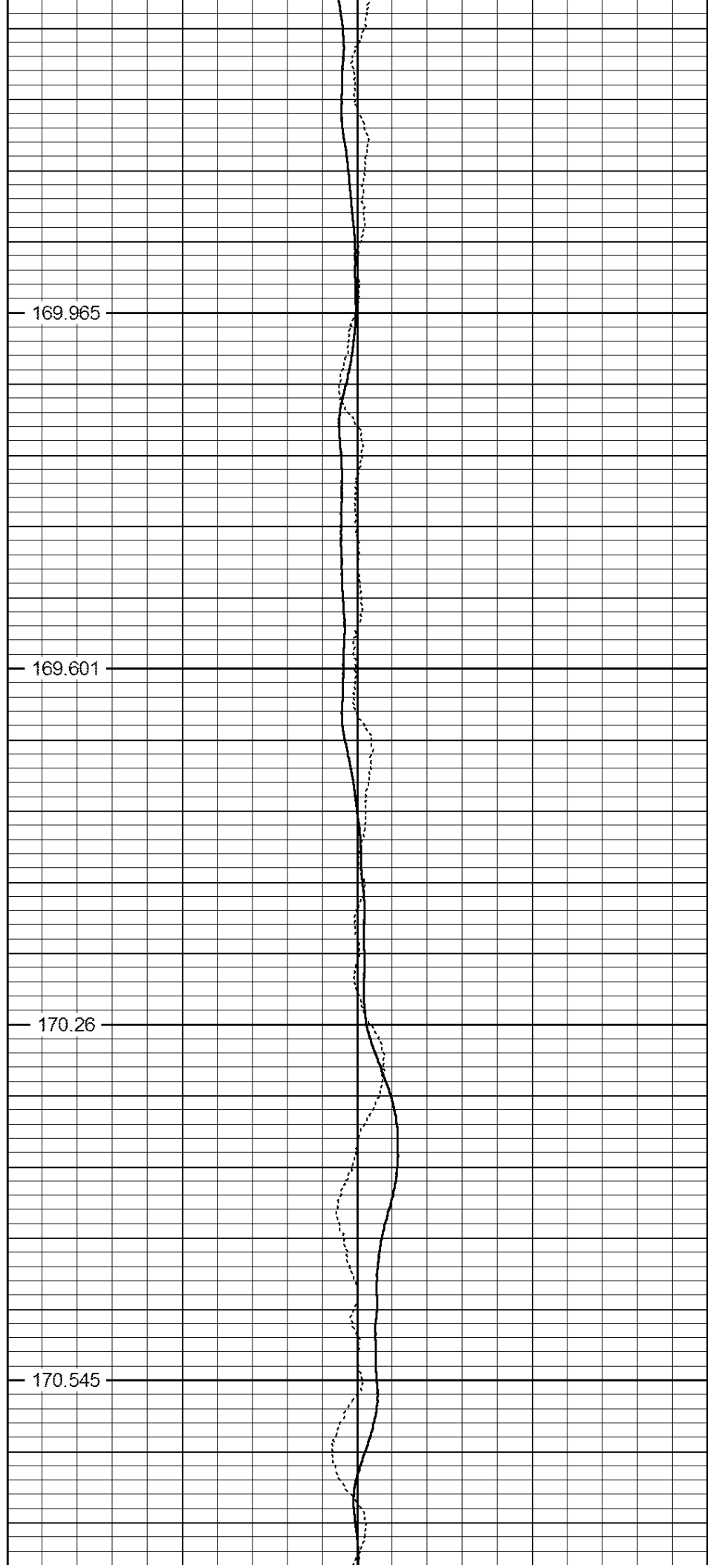
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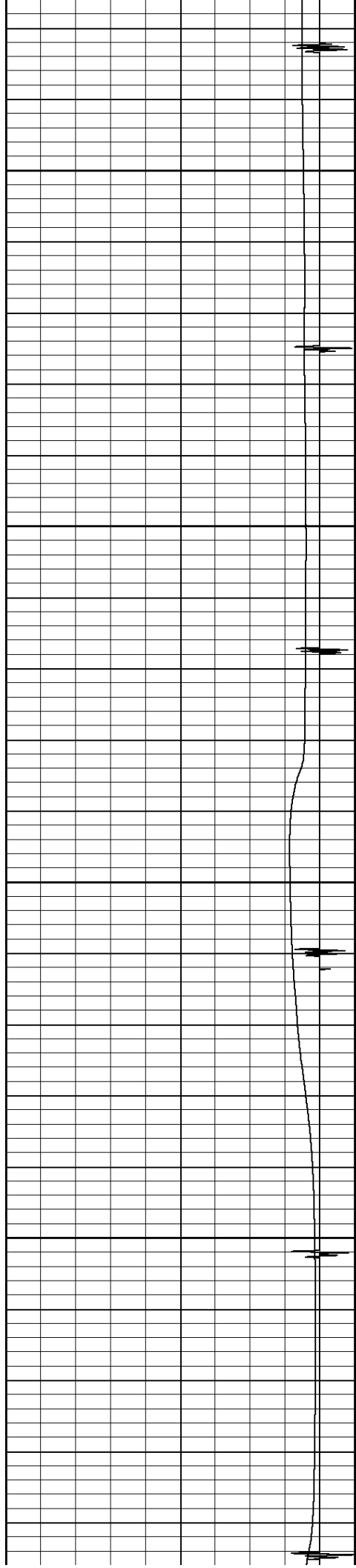
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170.26

6750

170.545





6800

170.873

6850

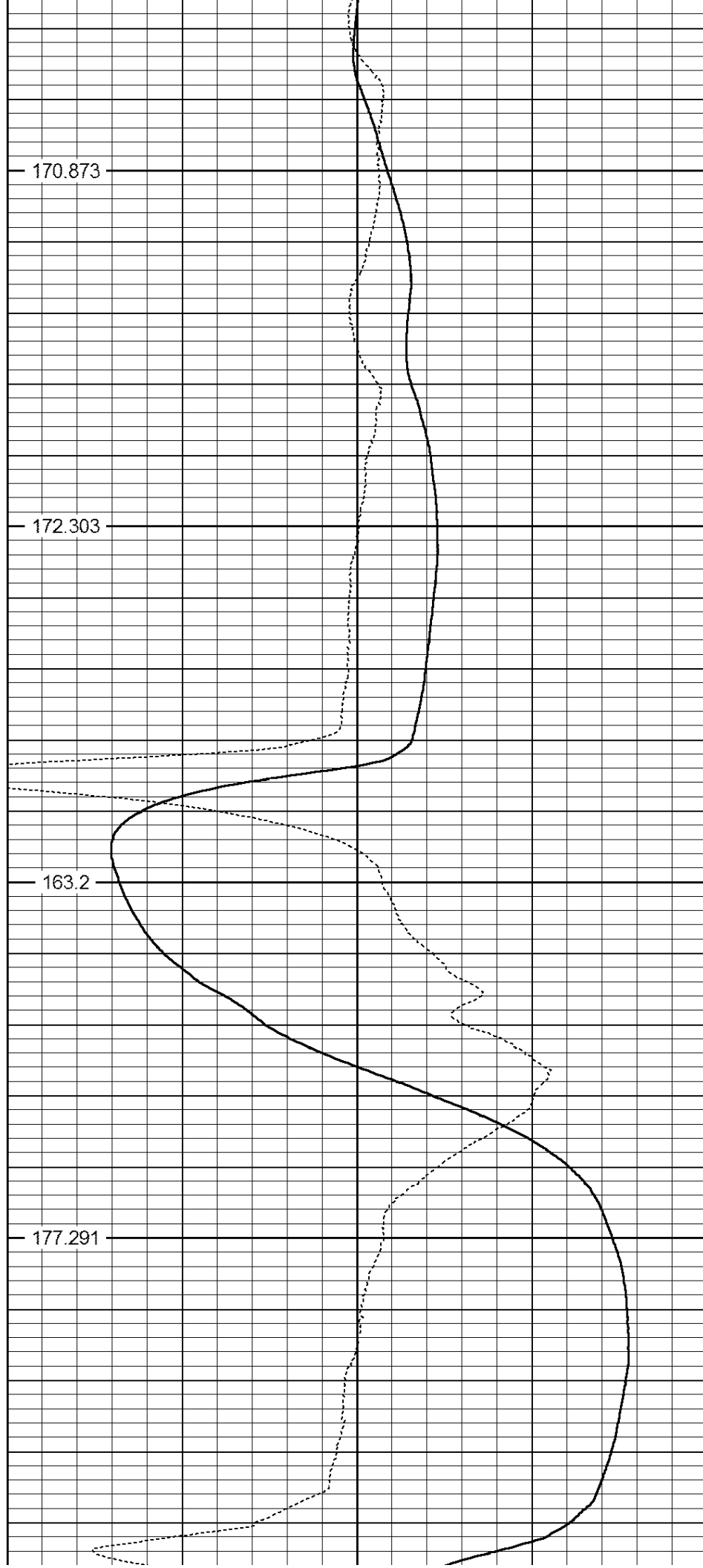
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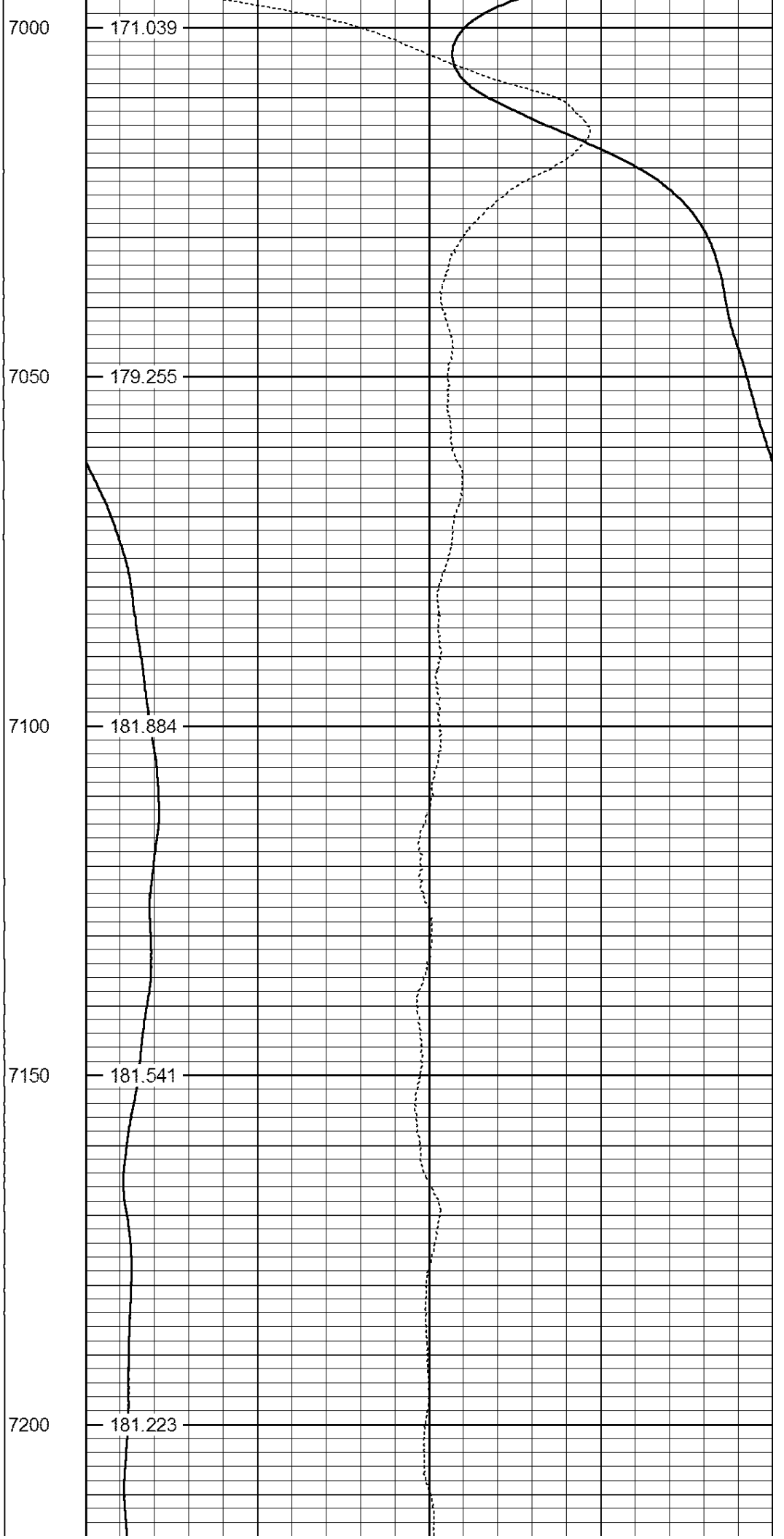
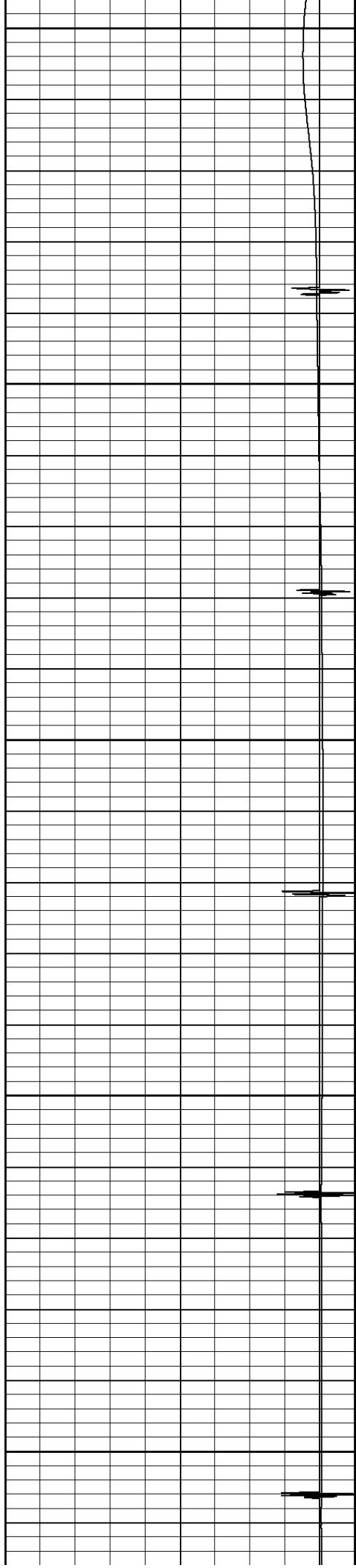
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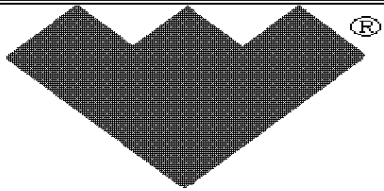
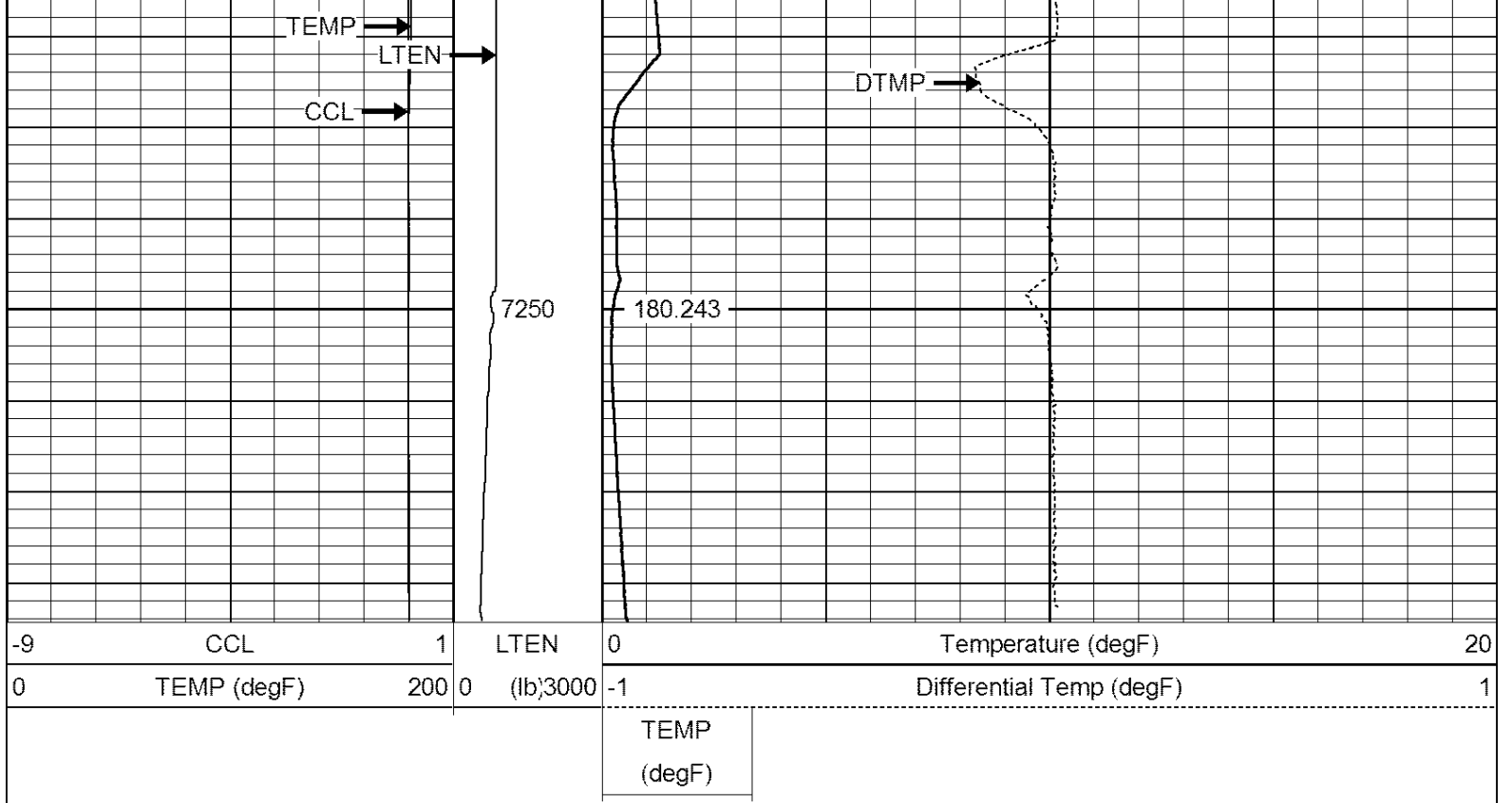
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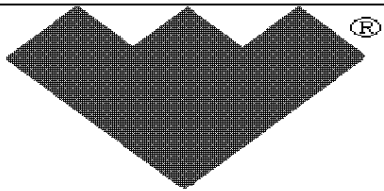
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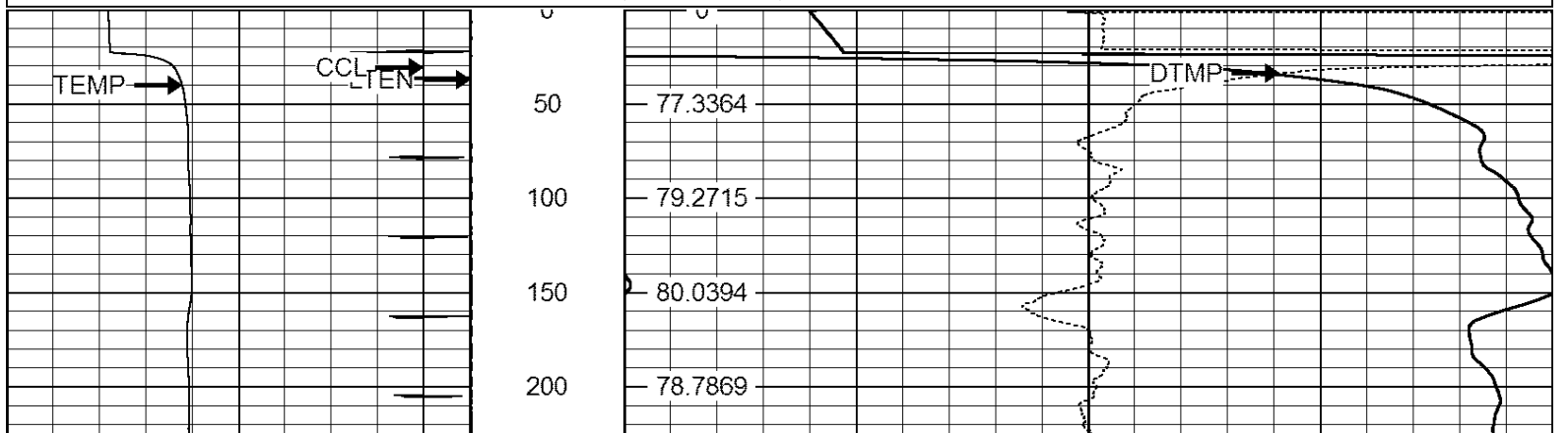
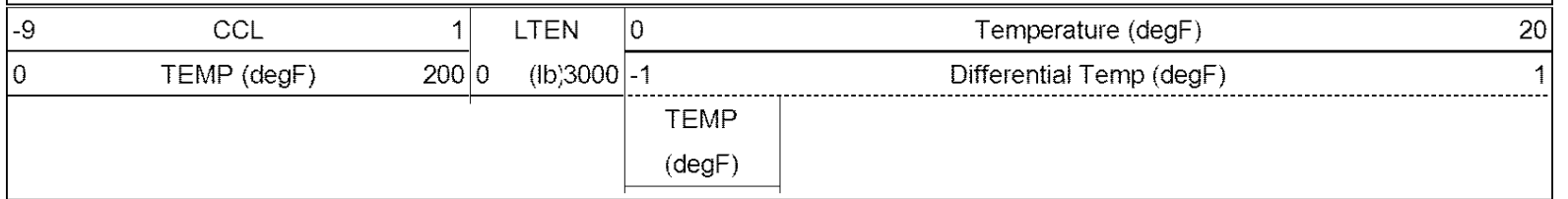


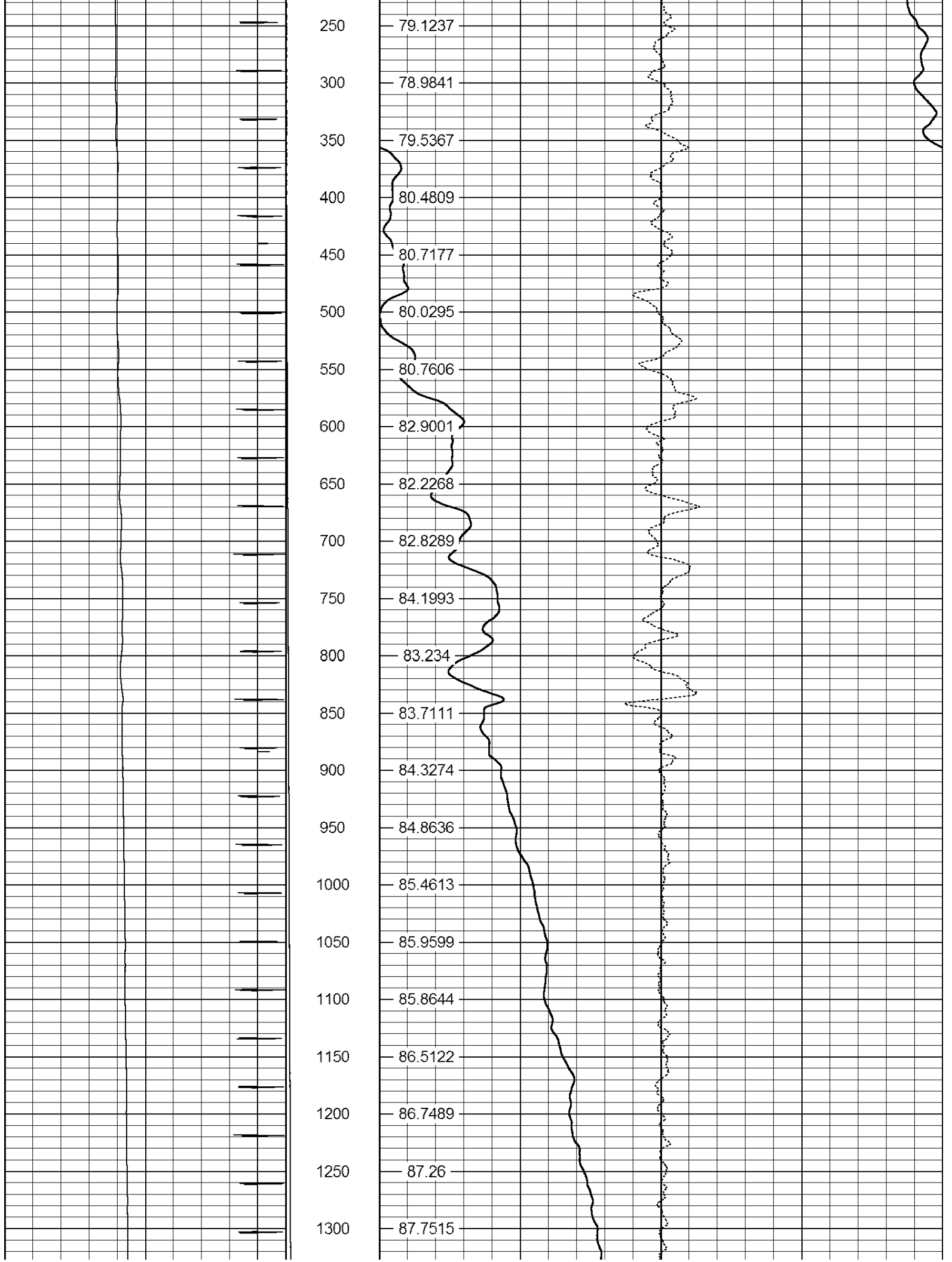
## TEMP SURVEY

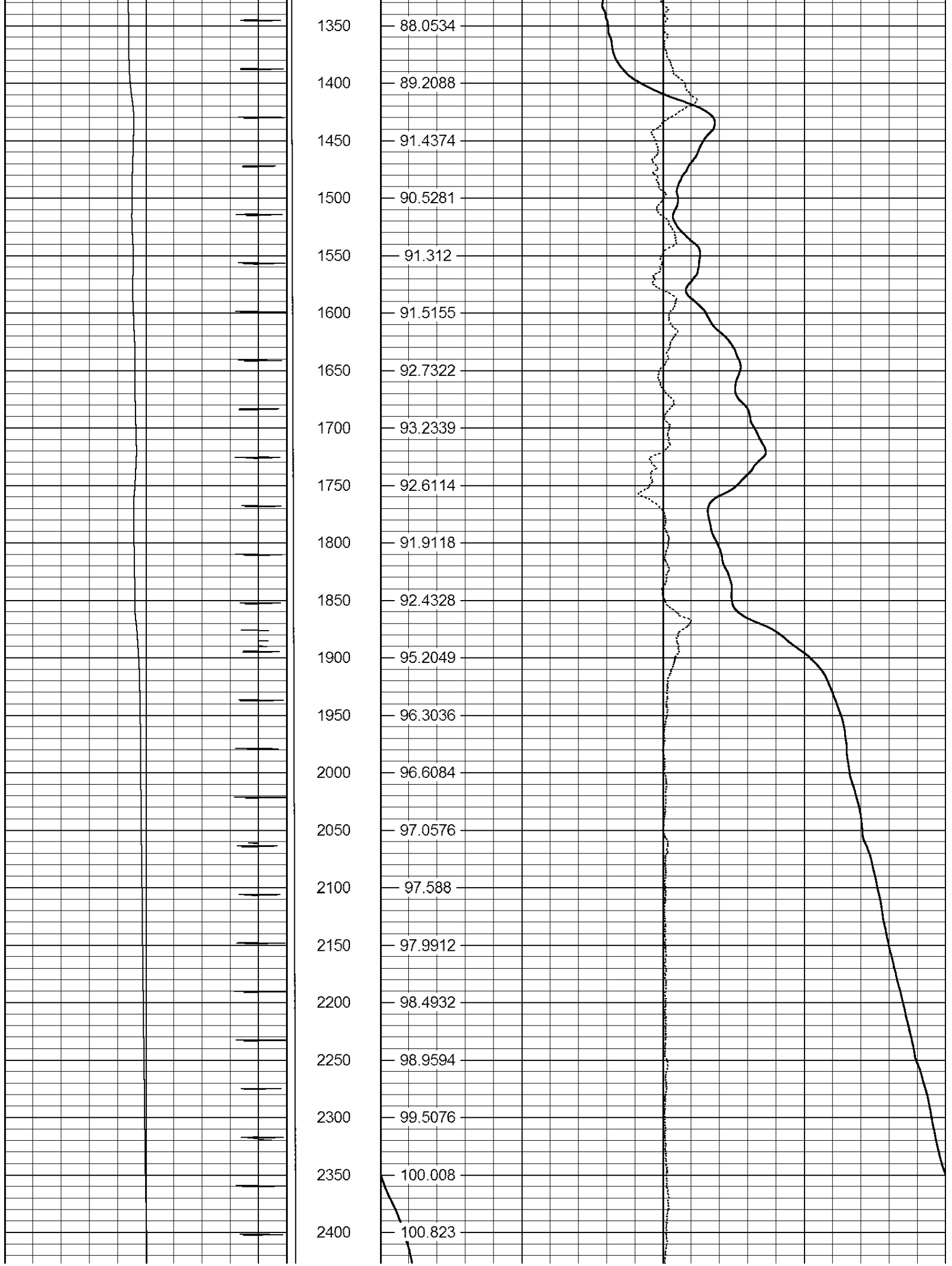


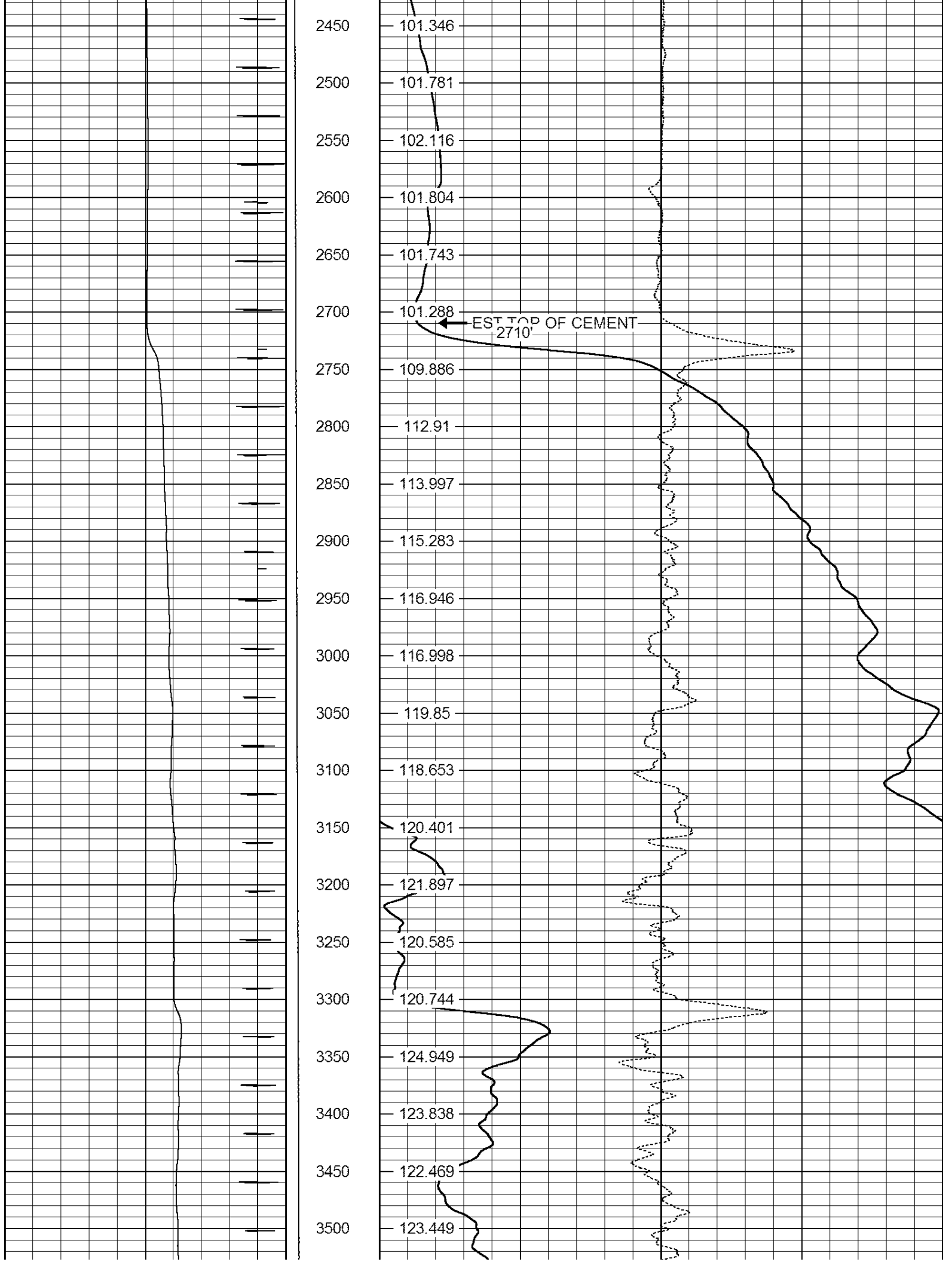
## TEMP SURVEY

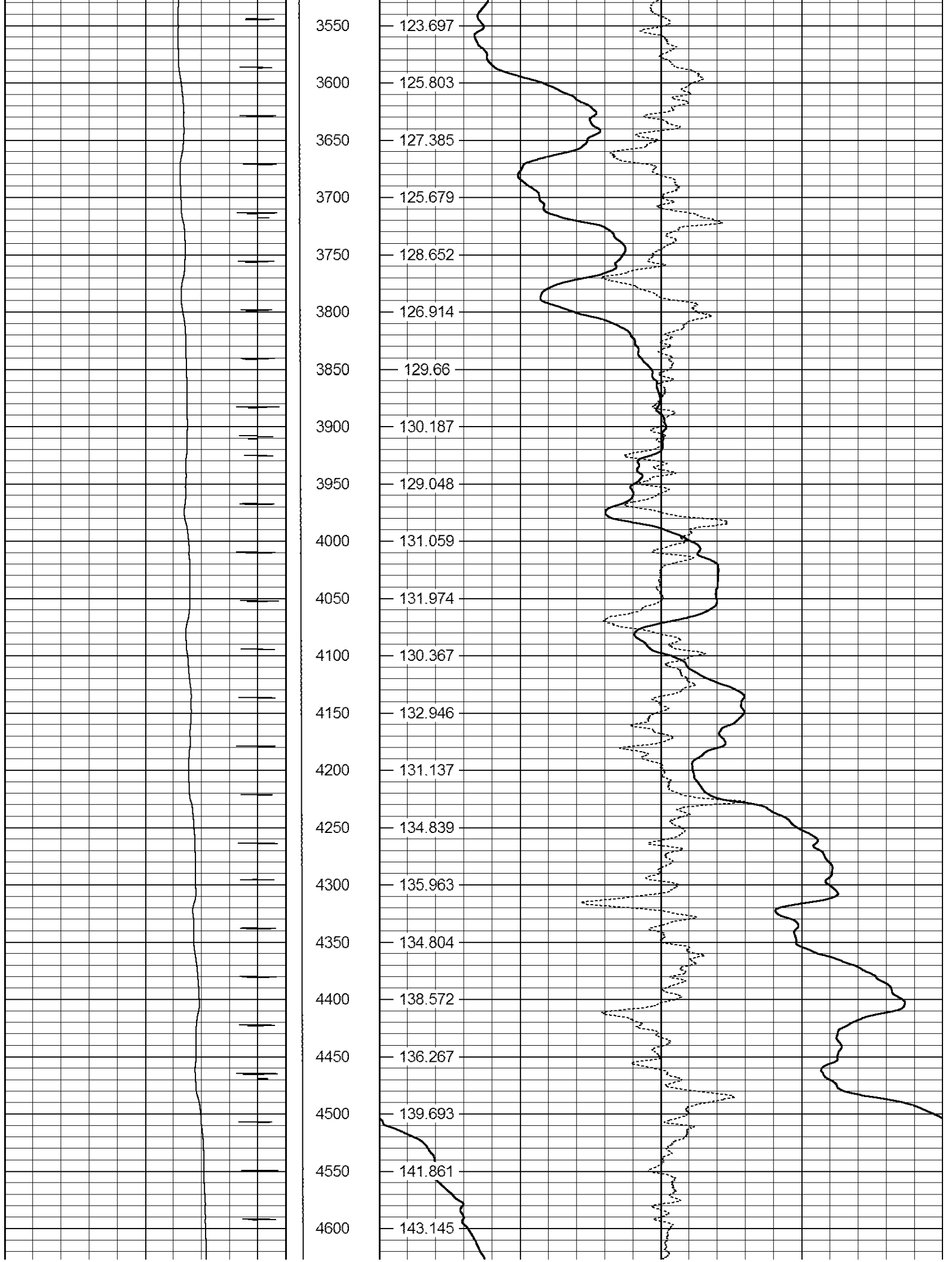
Database File: 176873.db  
 Dataset Pathname: pass2  
 Presentation Format: temp\_ws  
 Dataset Creation: Mon Apr 25 10:54:44 2011 by Log Weatherford Casedho  
 Charted by: Depth in Feet scaled 1:1200

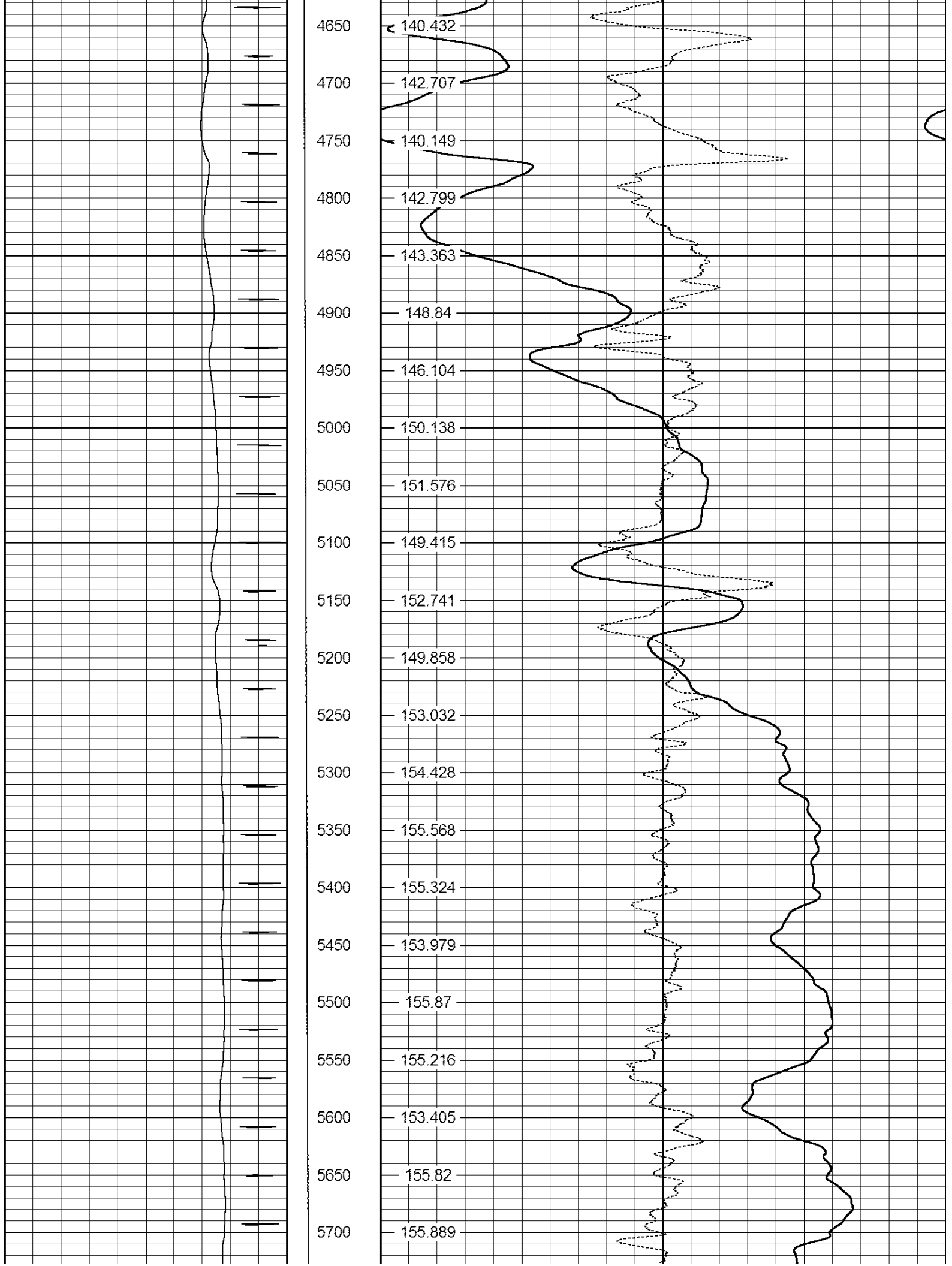


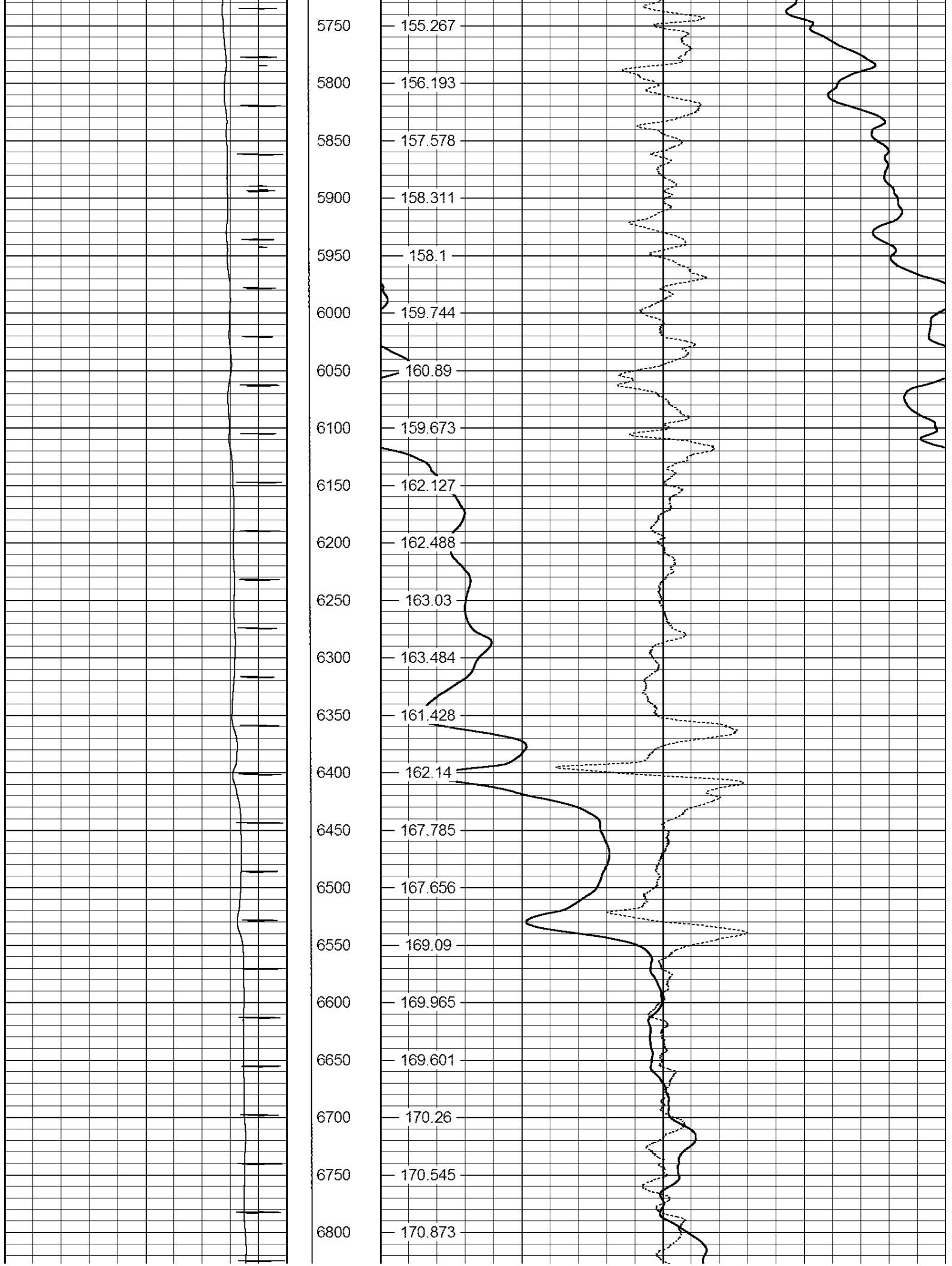


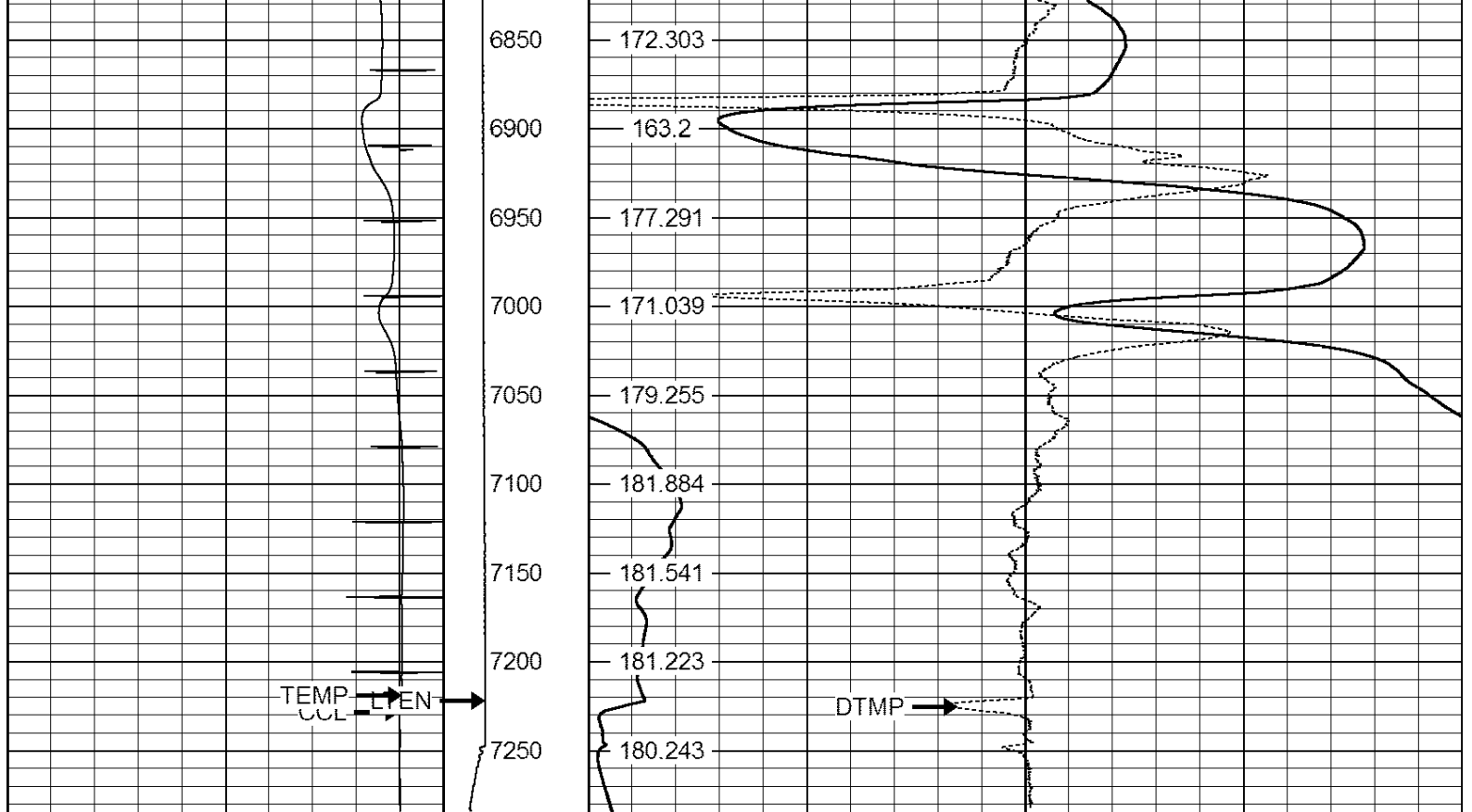




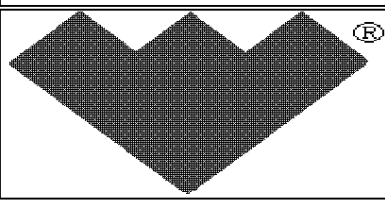




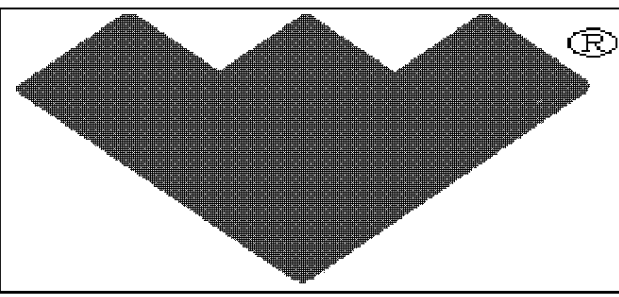




-9	CCL	1	LTEN	0	Temperature (degF)	20
0	TEMP (degF)	200	(lb)/3000	-1	Differential Temp (degF)	1
				TEMP (degF)		



## TEMP SURVEY



Company	BILL BARRETT CORPORATION
Well	GGU DALEY 24A-19-691
Field	MAMM CREEK
County	GARFIELD
State	COLORADO