



YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

HIGH RESOLUTION TEMPERATURE LOG

Company **HAZEN & SAWYER**
 Well **IW #1**
 Field **S. CTY RGL WTP R/O EXP**
 County **COLLIER**
 State **FLORIDA**

Company **HAZEN & SAWYER**
 Well **IW #1**
 Field **S. CTY REGIONAL WTP R/O EXP**
 County **COLLIER** State **FLORIDA**

Location **NW S35, T49S, R26E**

Permanent Datum **PAD** Elevation
 Log Measured From **PAD**
 Drilling Measured From **PAD**

Other Services
SEE COMMENTS
 Elevation
 K.B.
 D.F.
 G.L. 10'NVD

Date	19-FEB-2003
Run Number	RTS
Depth Driller	3206'
Depth Logger	2803'
Bottom Logged Interval	2803'
Top Log Interval	SURFACE
Open Hole Size	22.5"
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	95 DEGF
Estimated Cement Top	N/A
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	00:00
Equipment Number	102
Location	FTMYERS
Recorded By	LEE
Witnessed By	J. WHEATLEY


Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
ONE	48.50"	SURFACE	336'				
TWO	12.25"	CASING	1420'				
THREE	40.50	CASING	1305'				
SEVEN	22.5"	CASING	3206'				
Casing Record		Size	Wgt/ft	Top	Bottom		
Surface String		42"	37.5 W.T.	SURFACE	330'		
Prod. String		34"	37.5 W.T.	SURFACE	1300'		
Production String		24"	500 W.T.	SURFACE	2555'		
Inner		20"	500 W.T.	SURFACE	2549'		

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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

RTS
 (EJECTOR PORT 13.5' FROM TOOL BOTTOM)



YOUNGQUIST BROTHERS, Inc
 GEOPHYSICAL LOGGING DIVISION

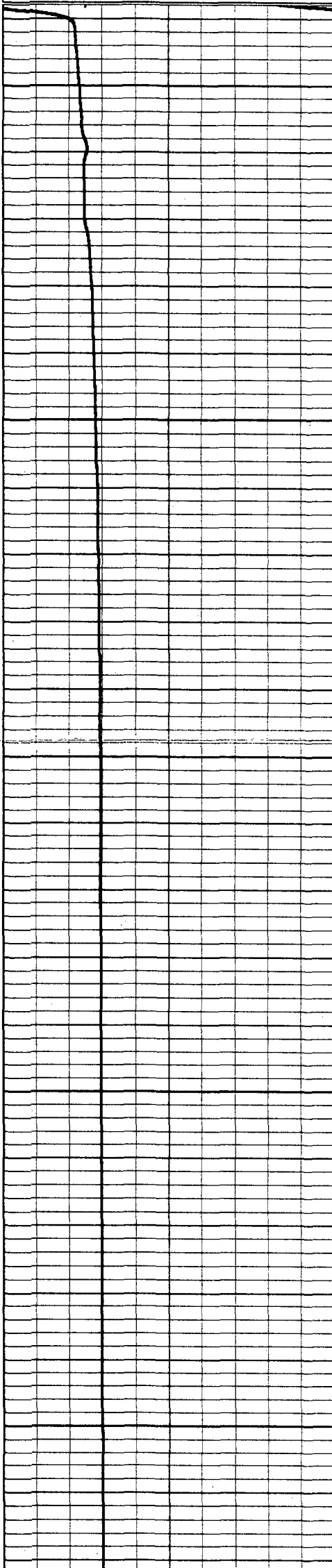
TEMPERATURE

Database File: scr1rts.db
 Dataset Pathname: TEMP
 Presentation Format: temp
 Dataset Creation: Wed Feb 19 00:37:30 2003 by Log 6.2 B4

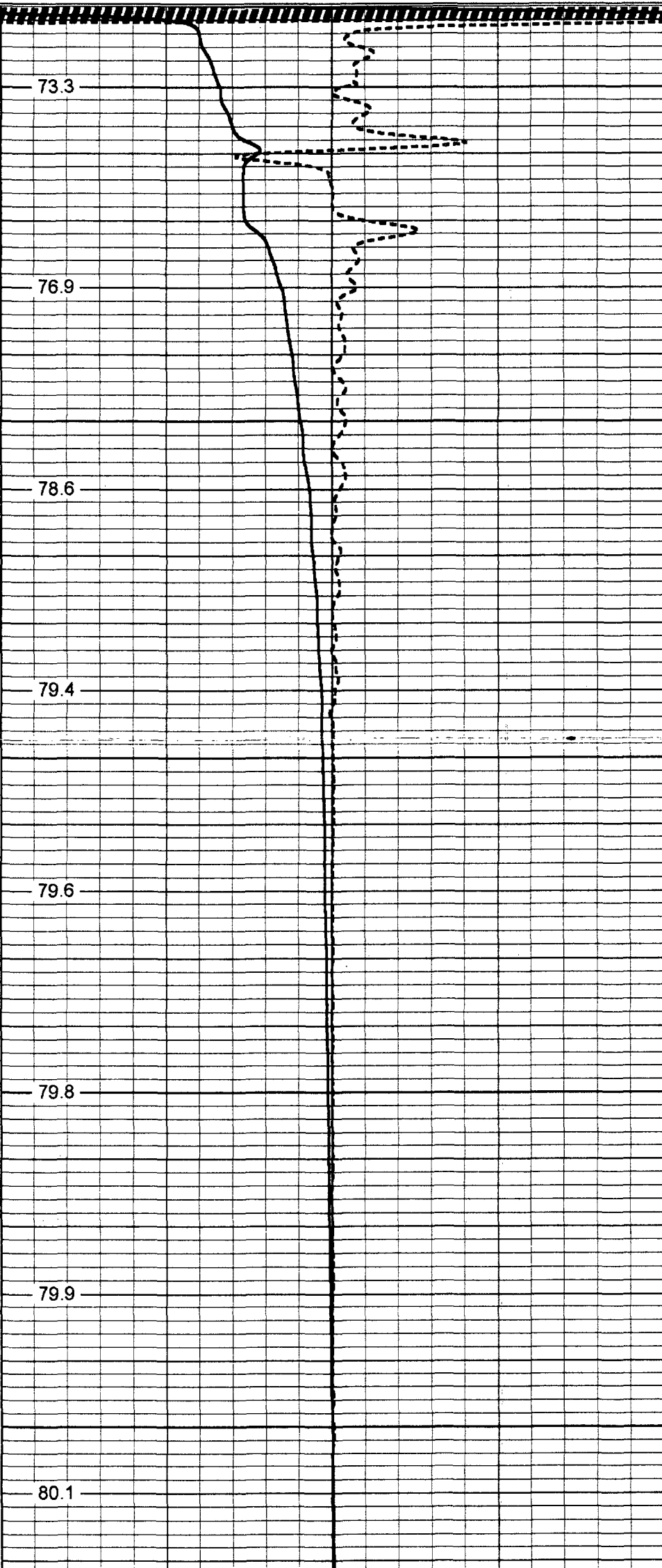
50 TEMPERATURE (degF) 150

60 TEMPERATURE (degF) 100

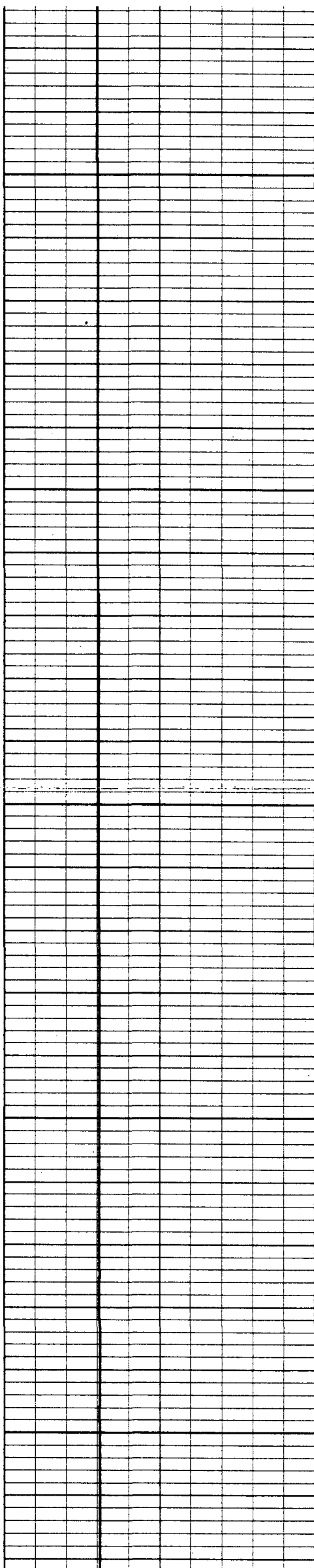
-2 DELTA TEMPERATURE (degF) 2



0
50
100
150
200



73.3
76.9
78.6
79.4
79.6
79.8
79.9
80.1



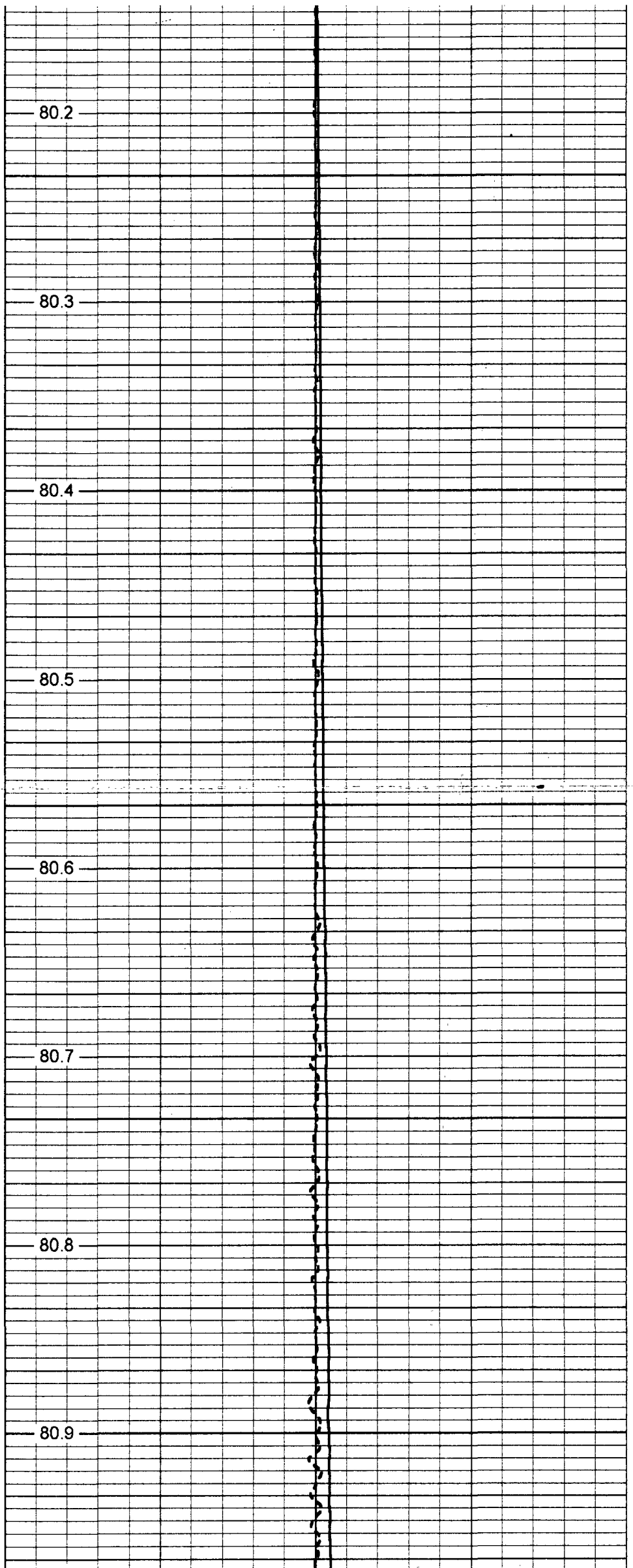
250

300

350

400

450



80.2

80.3

80.4

80.5

80.6

80.7

80.8

80.9

81.0

500

81.1

81.2

550

81.3

600

81.4

81.5

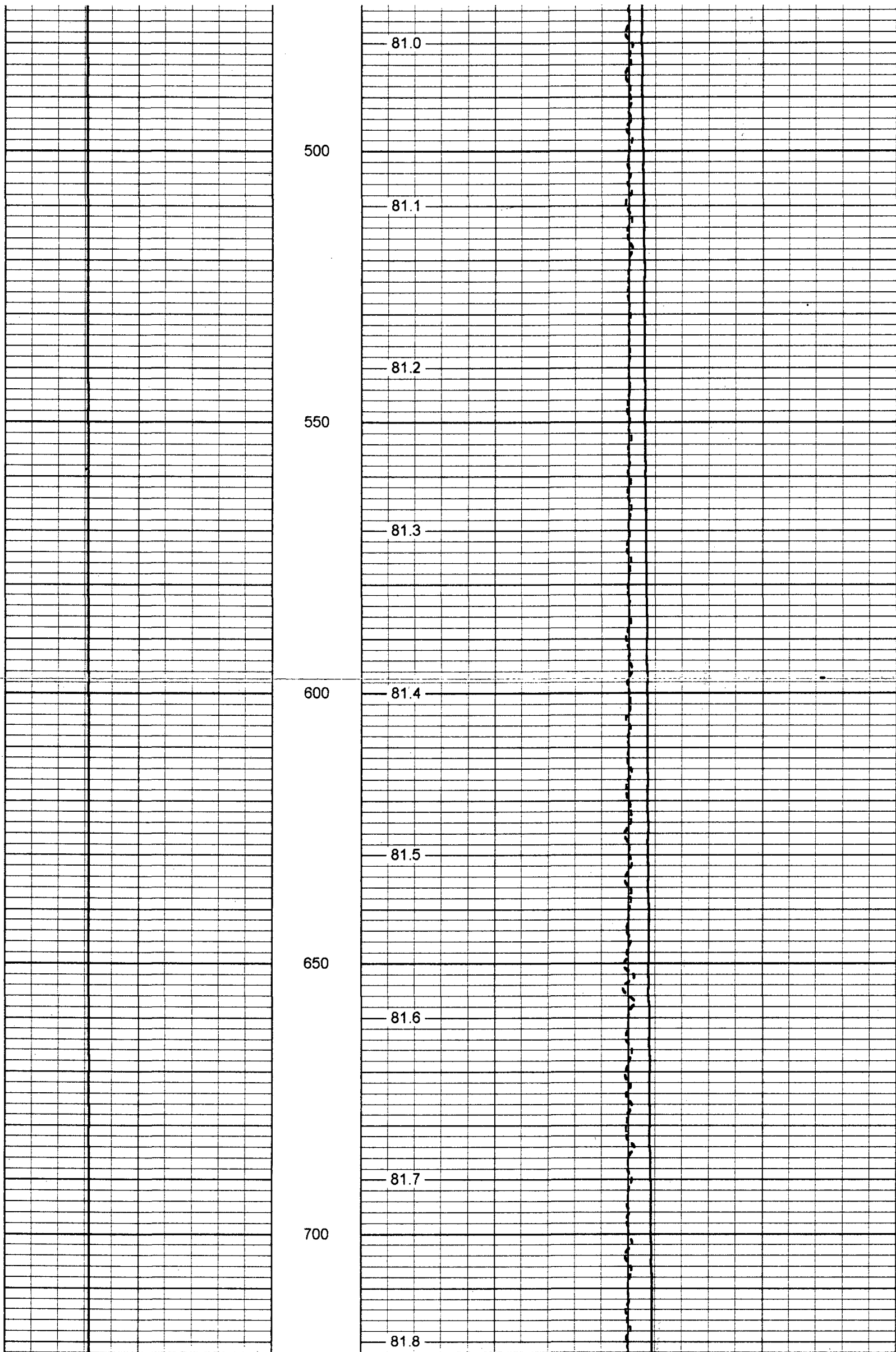
650

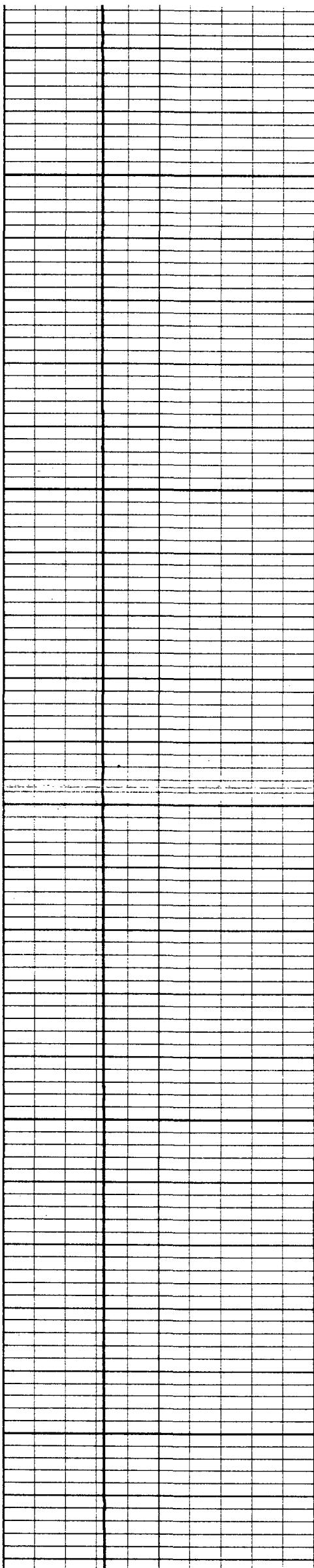
81.6

81.7

700

81.8





750

81.9

82.0

800

82.1

82.2

850

82.3

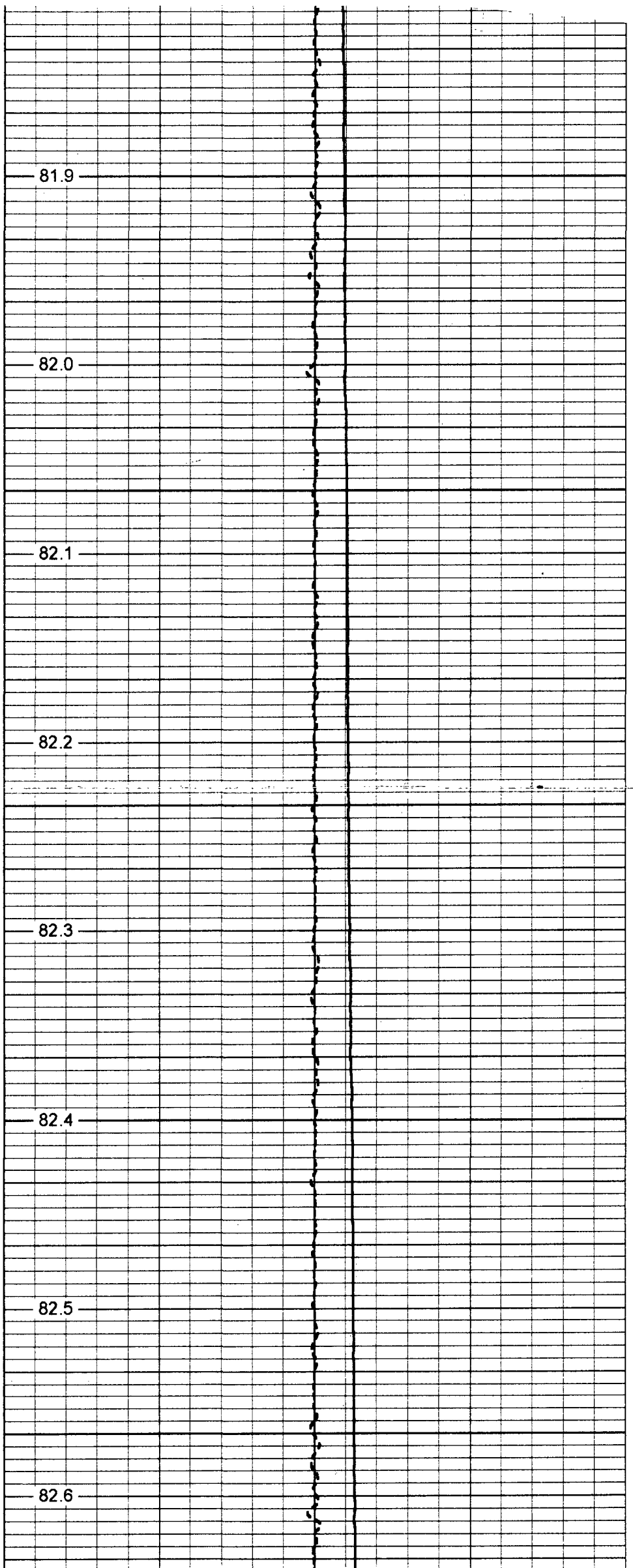
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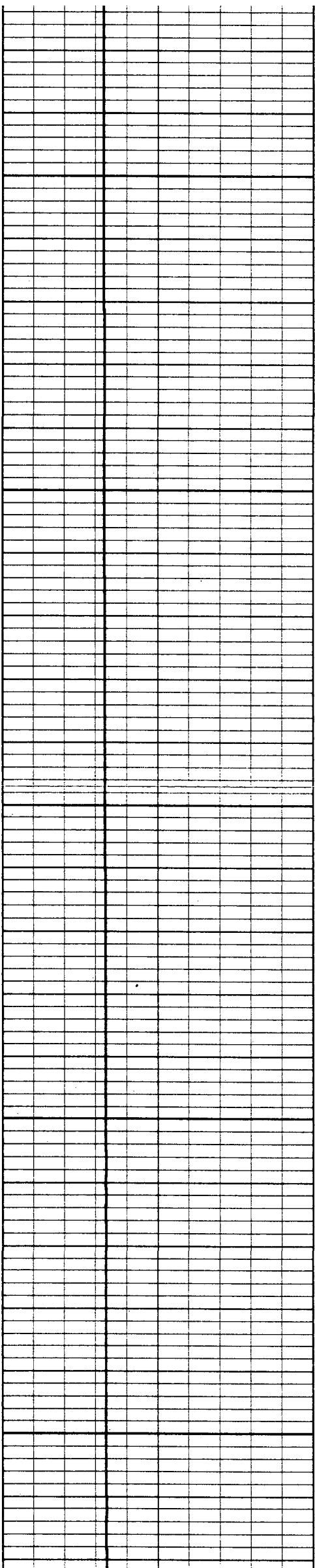
82.4

82.5

950

82.6





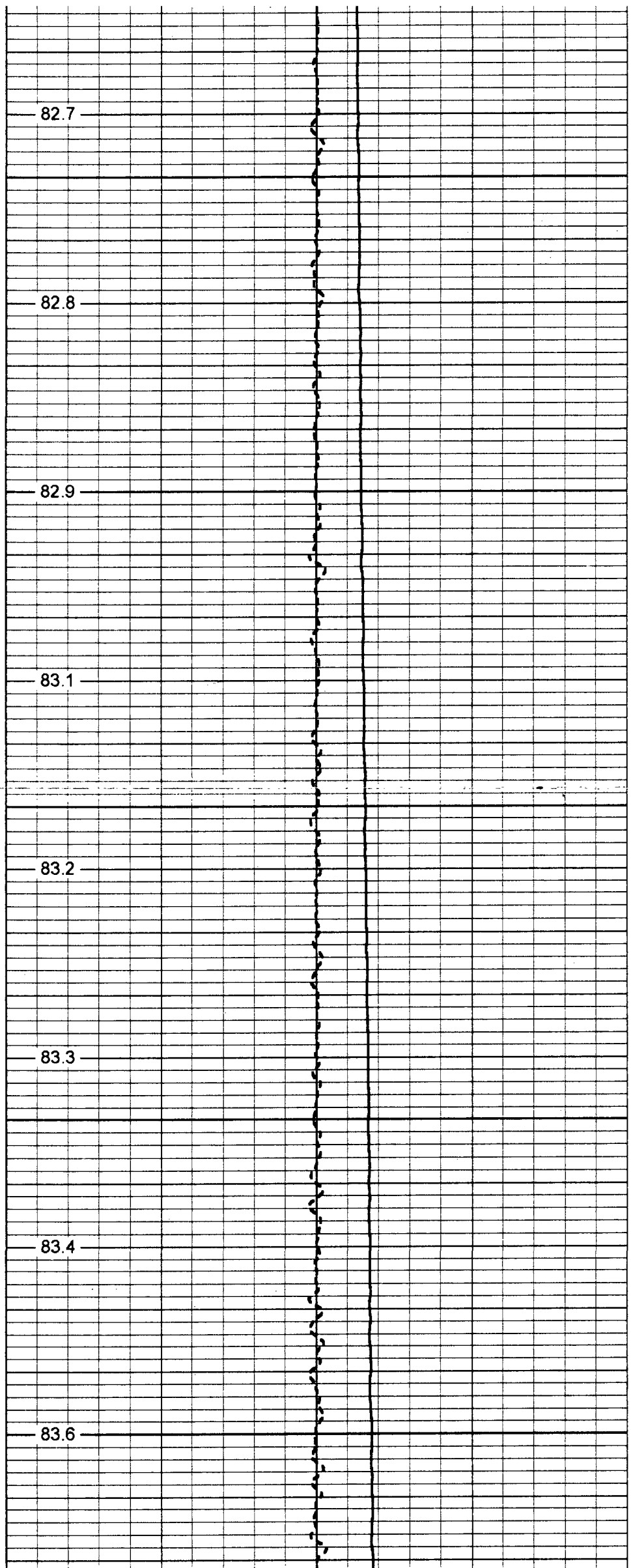
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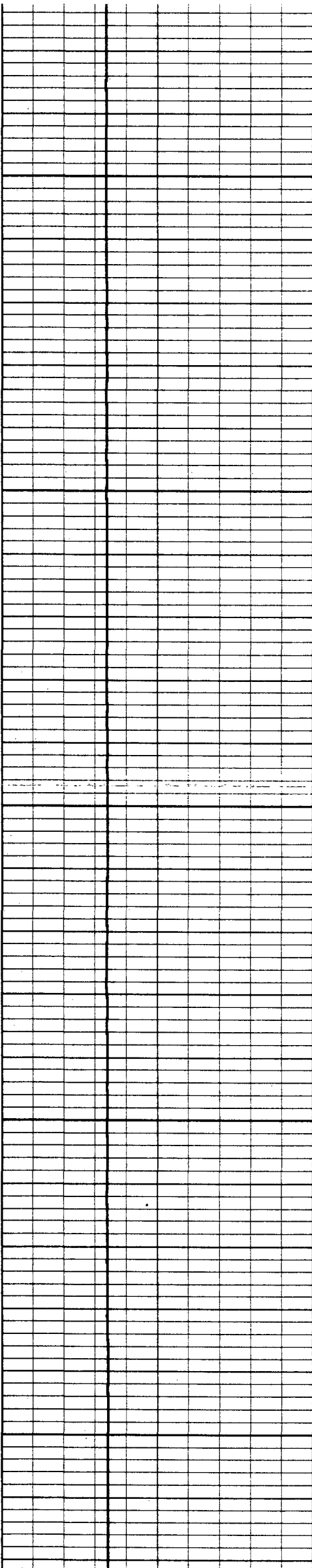
1050

1100

1150

1200





1250

1300

1350

1400

1450

83.7

83.8

83.9

83.9

84.0

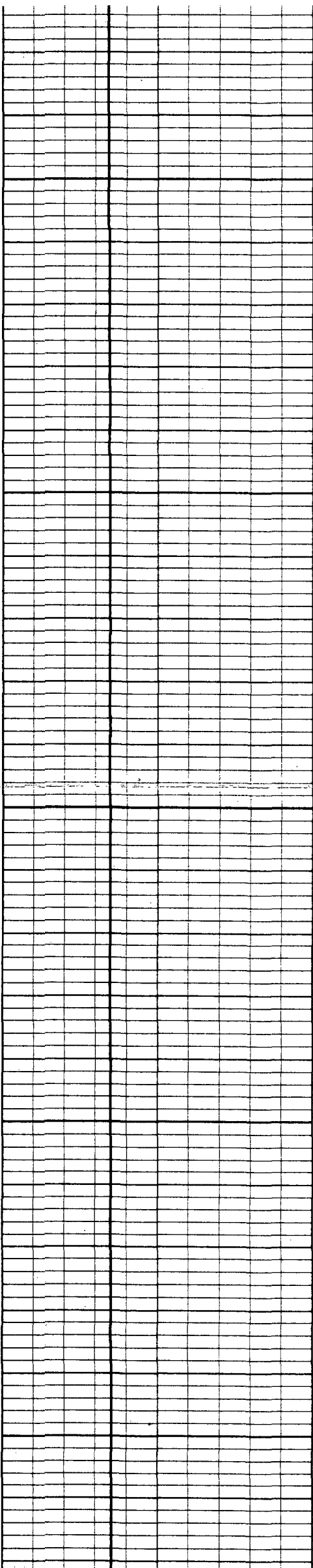
83.9

84.1

84.2

84.3





1500

84.4

1550

84.5

84.6

84.8

1600

84.9

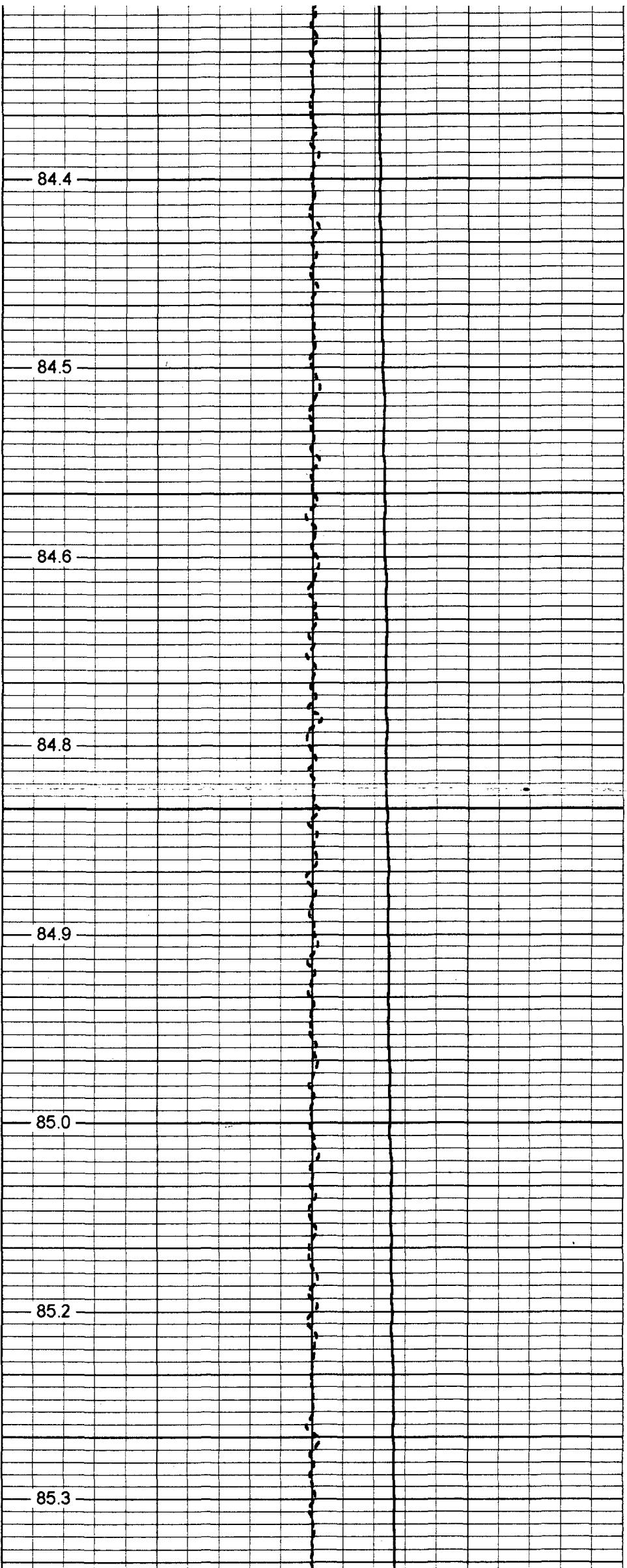
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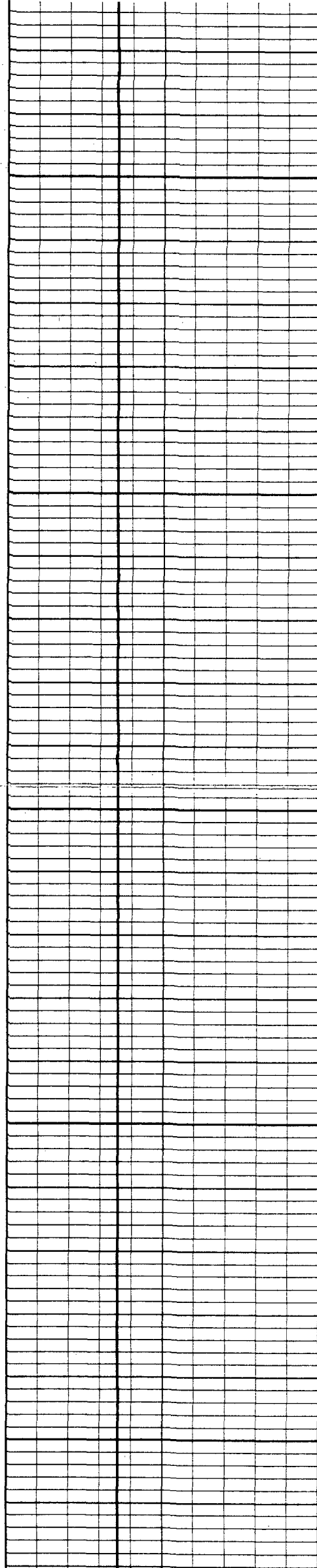
85.0

85.2

1700

85.3





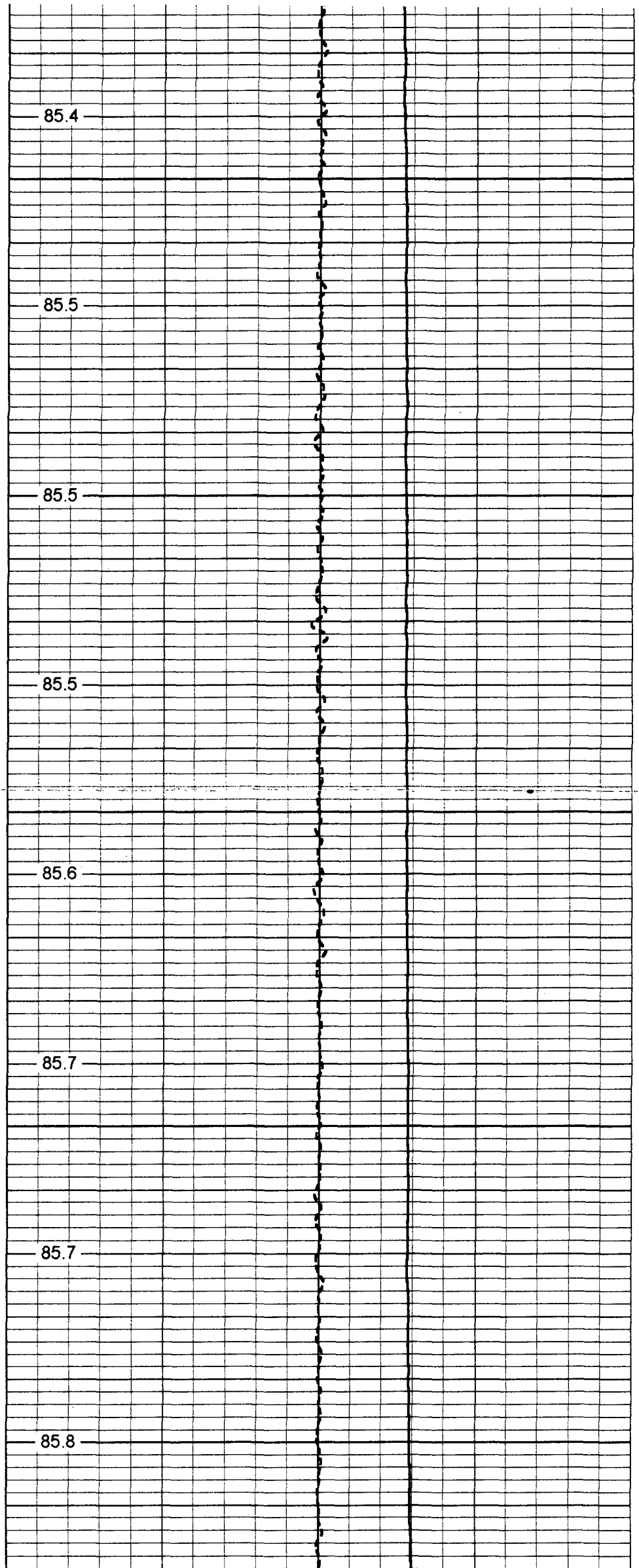
1750

1800

1850

1900

1950



85.4

85.5

85.5

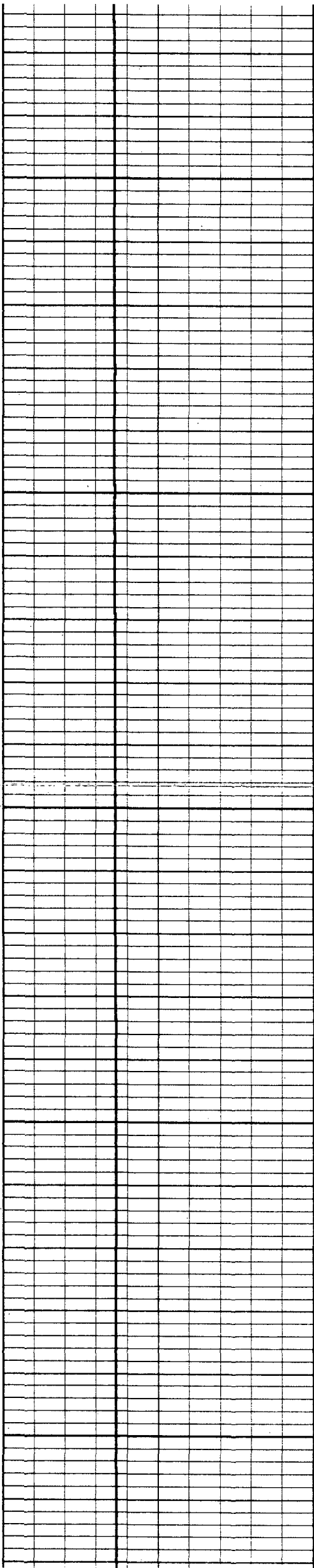
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85.6

85.7

85.7

85.8



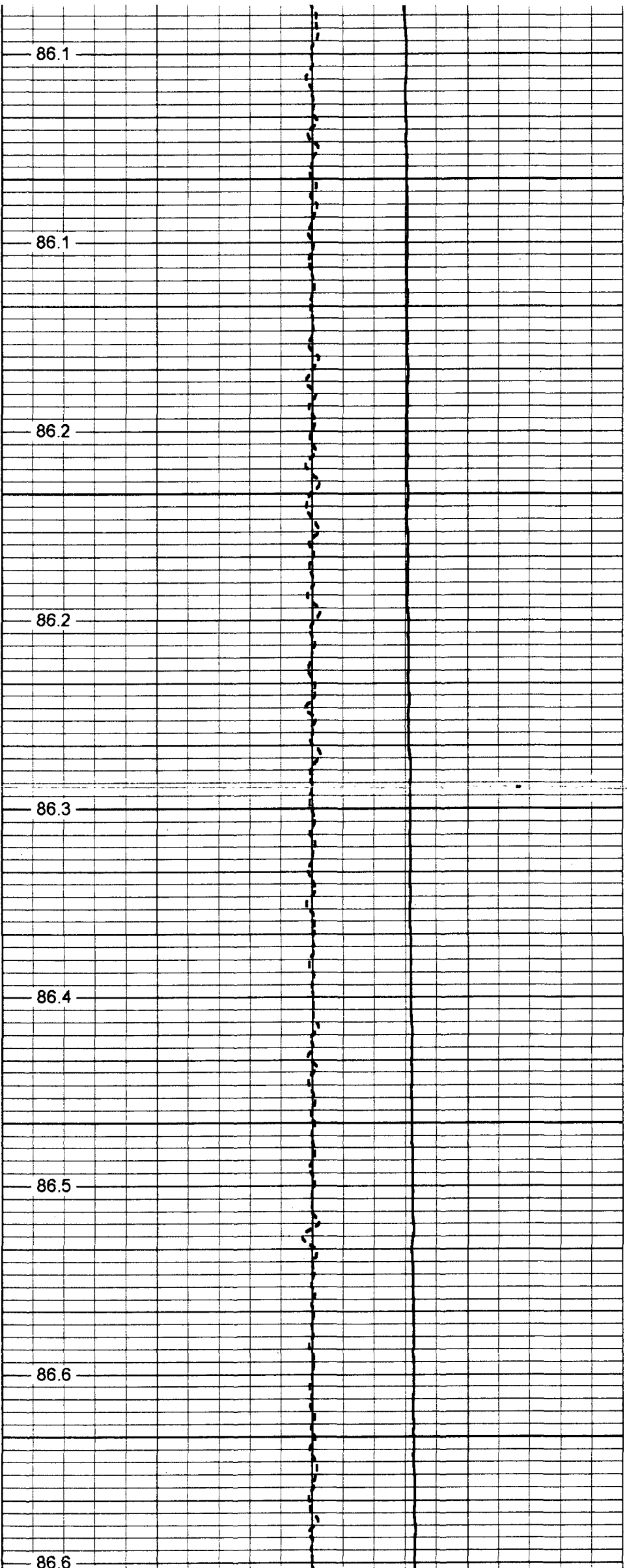
2000

2050

2100

2150

2200



86.1

86.1

86.2

86.2

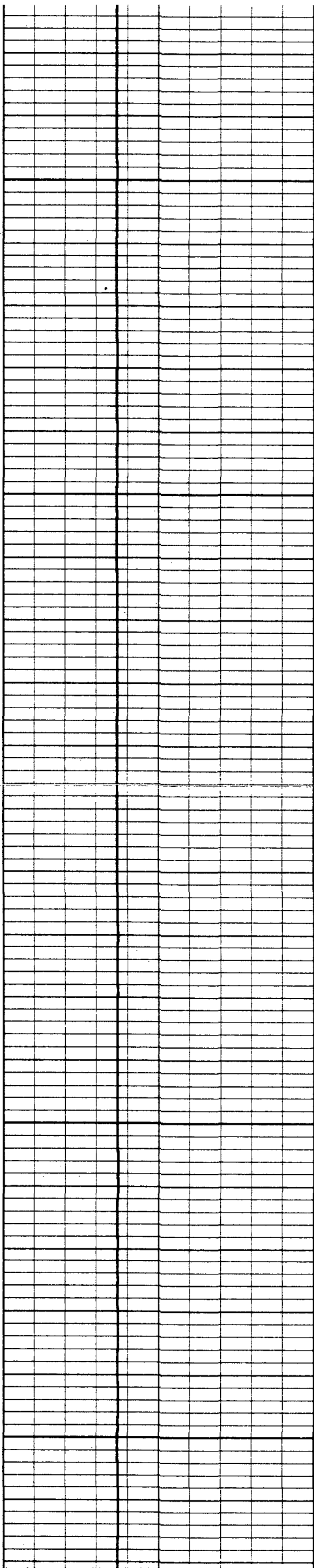
86.3

86.4

86.5

86.6

86.6



2250

86.8

86.8

2300

86.8

86.9

2350

87.0

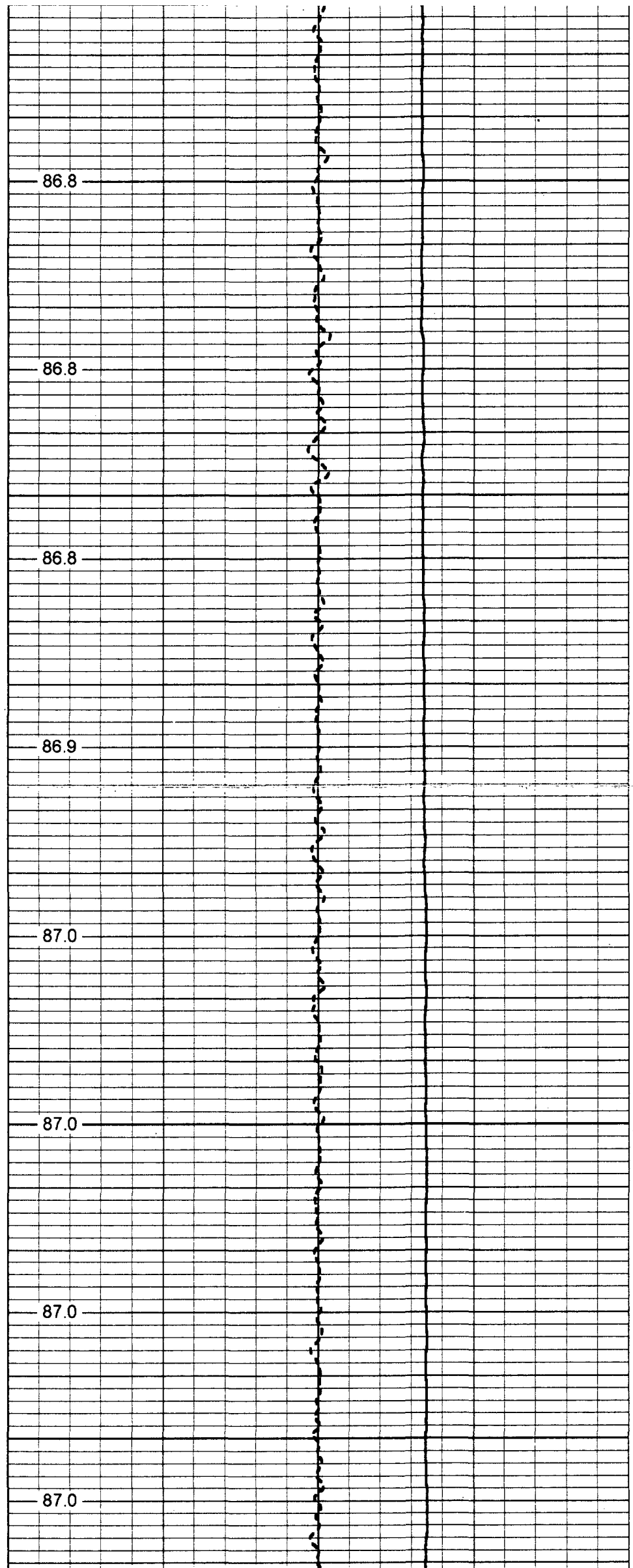
2400

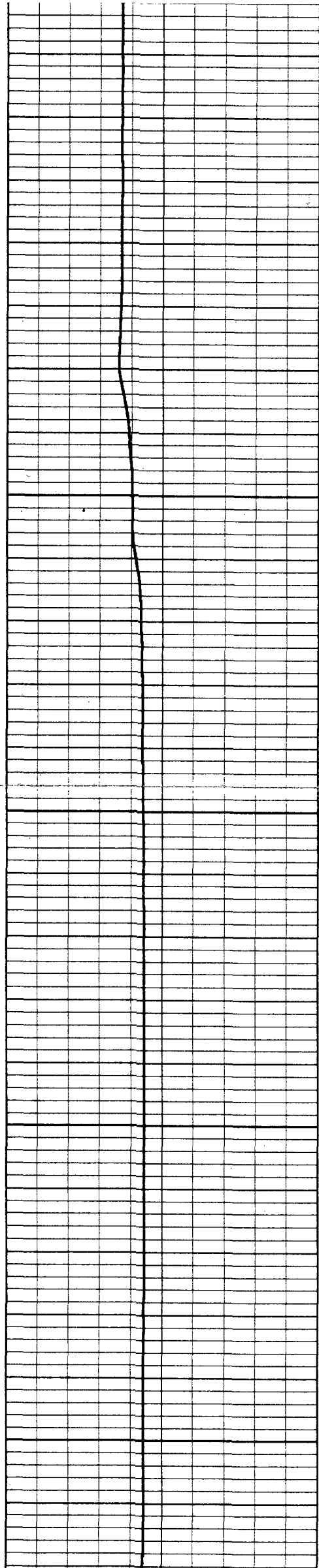
87.0

87.0

2450

87.0





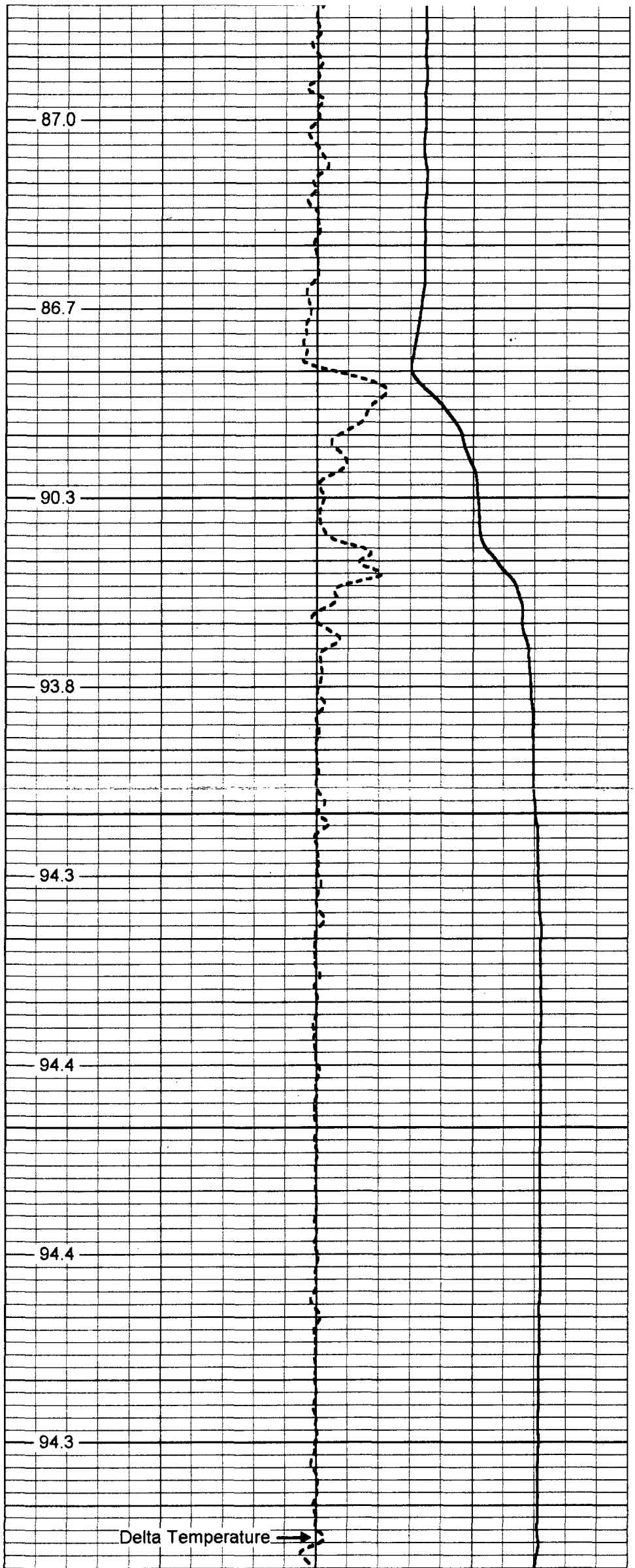
2500

2550

2600

2650

2700



87.0

86.7

90.3

93.8

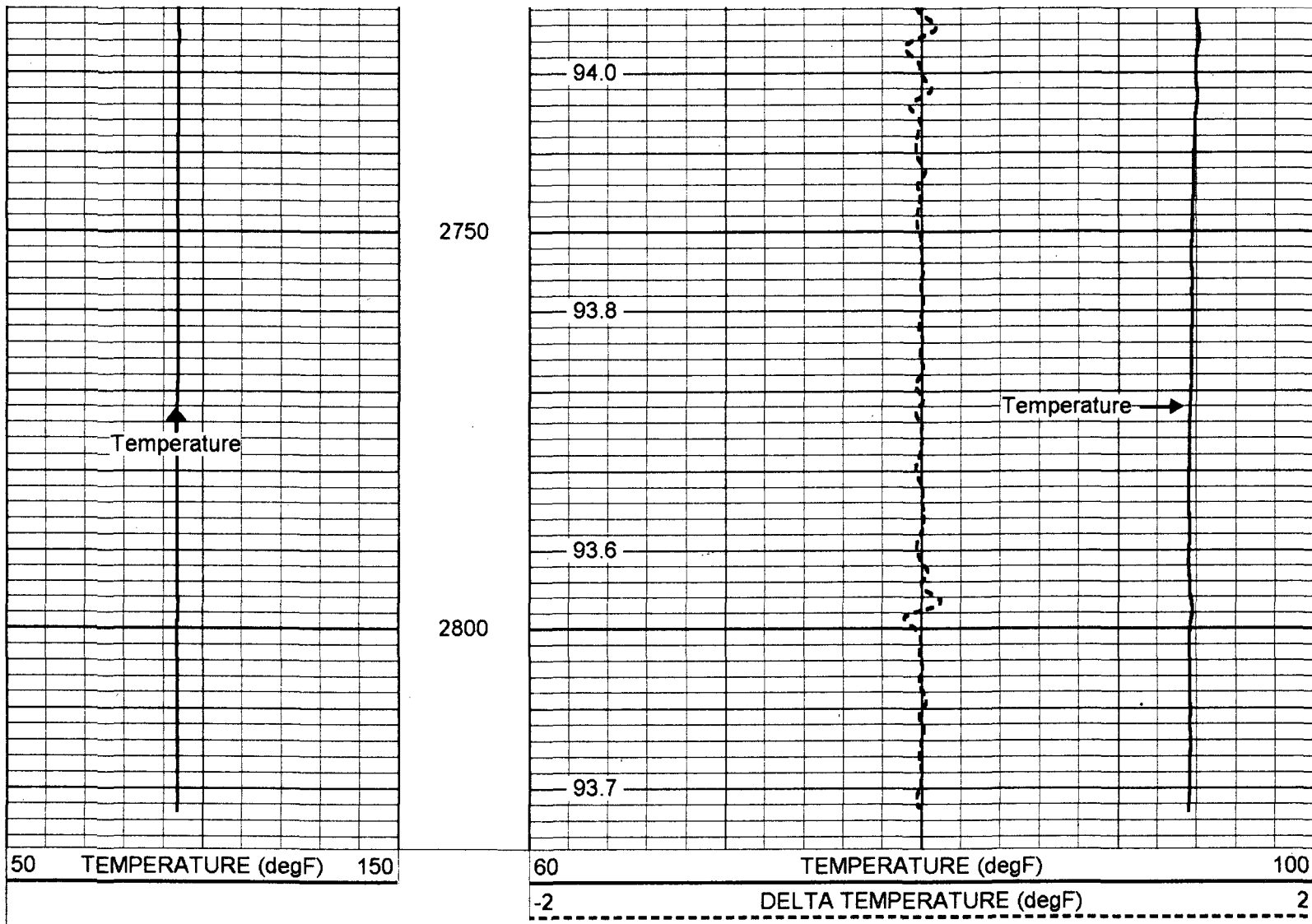
94.3

94.4

94.4

94.3

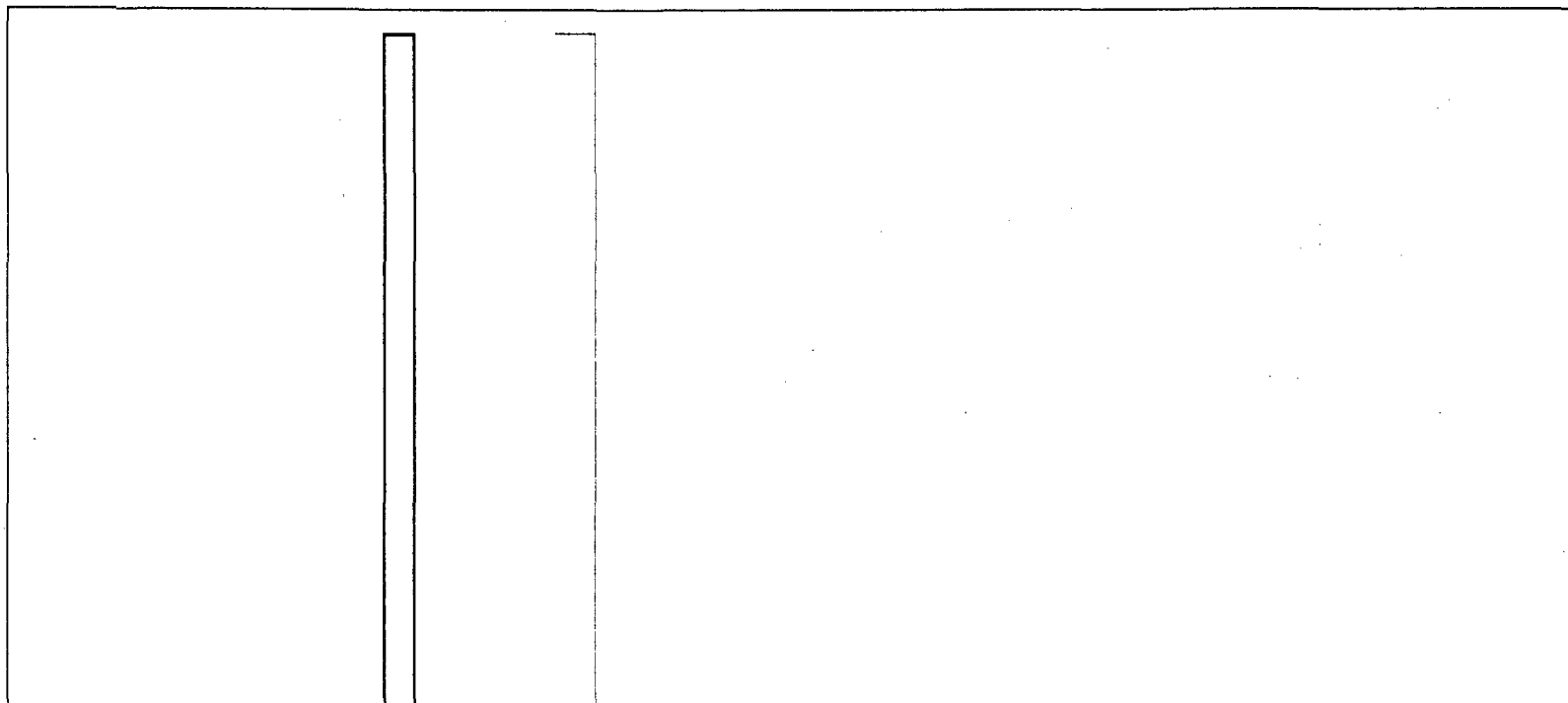
Delta Temperature →



Temperature Calibration Report

Serial Number: 952
 Tool Model: RTS
 Performed: Tue Feb 18 11:41:04 2003

Point #	Reading		Reference	
1	350	cps	35	degF
2	780	cps	78	degF
3	1280	cps	128	degF



TEMP-RTS (952)
70.00 lb 1.69 in OD 27.50 ft

TEMP 0.10 ft

Dataset:	run1/TEMP
Total Length:	27.50 ft
Total Weight:	70.00 lb
O.D.	1.69 in