

GL02612

Schlumberger

CALIPER LOG

COUNTY CASSIA (GEO THERMAL)
 FIELD or LOCATION RAFT RIVER
 WELL RRGE #1
 COMPANY AEROJET NUCLEAR-INEL

COMPANY AEROJET NUCLEAR - INEL
 WELL RRGE #1
 FIELD RAFT RIVER GEOTHERMAL
 COUNTY CASSIA STATE IDAHO

Location: NE/4 OF SW/4
 Sec. 23 Twp. 15S Rge. 26E

Other Services:
 DIL TEMP.
 BHC-GR CBL
 CNL-FDC-GR

Permanent Datum: GL; Elev.: 4835
 Log Measured From GL, --- Ft. Above Perm. Datum
 Drilling Measured From GL

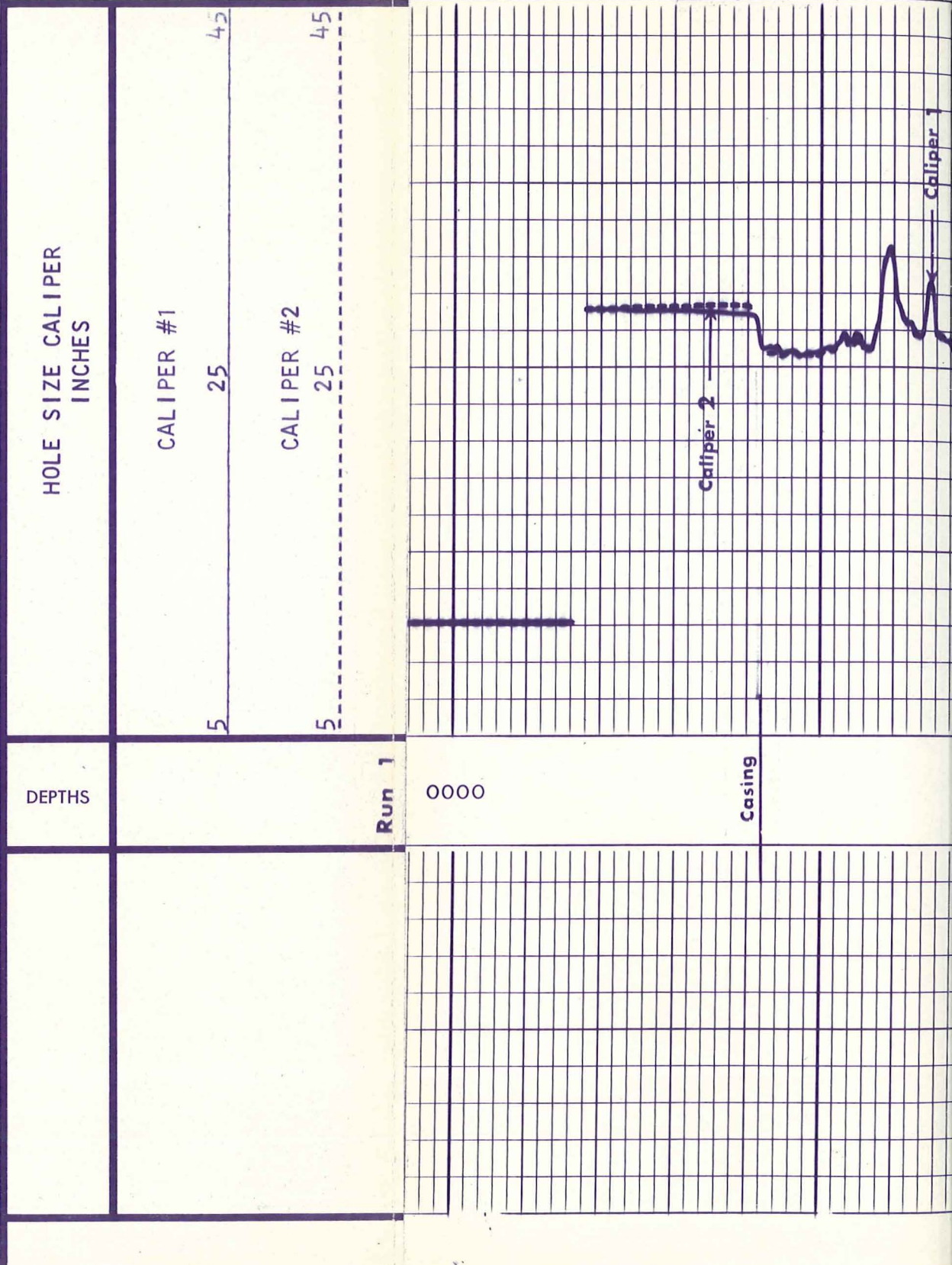
Elev.: K.B. ----
 D.F. ----
 G.L. 4835

Date	1-9-75	2-2-75	2-9-75	4-6-75
Run No.	ONE	TWO	THREE	FOUR
Depth-Driller	900	4632	4632	5007
Depth-Logger	900	4620	4617	5002
Btm. Log Interval	898	4619	4616	5002
Top Log Interval	18	870	900	-----
Casing-Driller	30 @ 40	20 @ 900	20 @ 900	13-3/8@3624
Casing-Logger	42	900	900	3626
Bit Size	26"	12-1/4	12-1/4	12-1/4
Type Fluid in Hole	FGM/LIME	WATER	WATER	FORM. WATER
Dens.	9.1	50	---	---
Visc.	---	---	---	---
pH	10.5	---	---	---
Fluid Loss	--- ml	---	---	---
Source of Sample	PIT	PIT	---	FLOWING
R _m @ Meas. Temp.	4.13 @ 67 °F	6.2 @ 54 °F	---	2.41 @ 114 °F
R _{mf} @ Meas. Temp.	3.4 @ 65 °F	---	---	---
R _{mc} @ Meas. Temp.	6.3 @ 67 °F	---	---	---
Source: R _{mf} R _{mc}	M C	---	---	---
R _m @ BHT	2.55 @ 109 °F	1.35 @ 252 °F	---	0.9 @ 286 °F
TIME Circulation Stopped	0500 1-9	0230 2-2	2100 2-8	WELL
Logger on Bottom	1000 1-9	0630 2-2	2230 2-9	FLOWING
Max. Rec. Temp.	109 °F	252 °F	280 °F	290 °F
Equip. Location	7710 R. S.	7710 R. S.	7726 R. S.	8002 R. S.
Recorded By	PARKS	PARKS	SELAN	PARKS
Witnessed By	STOKER	HUCKABEE	STOKER	MILLER

The well name, location and borehole reference data were furnished by the customer.

SCALE CHANGES Type Log Depth Scale Up Hole Scale Down Hole	THREE	TWO	ONE
	23855	23855	23851
	---	---	---
	FULL	---	FULL
EQUIPMENT DATA Eqt. Type Panel No. Cart No. Sonde No. TTR No. G. R. Panel No. Cent. Device Speed - F.P.M.	BGT	BGT-A	BGT
	---	A-712	---
	---	A-723	---
	---	A-725	---
	---	---	---
REMARKS			

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 interpretations, 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 Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.





Caliper 2

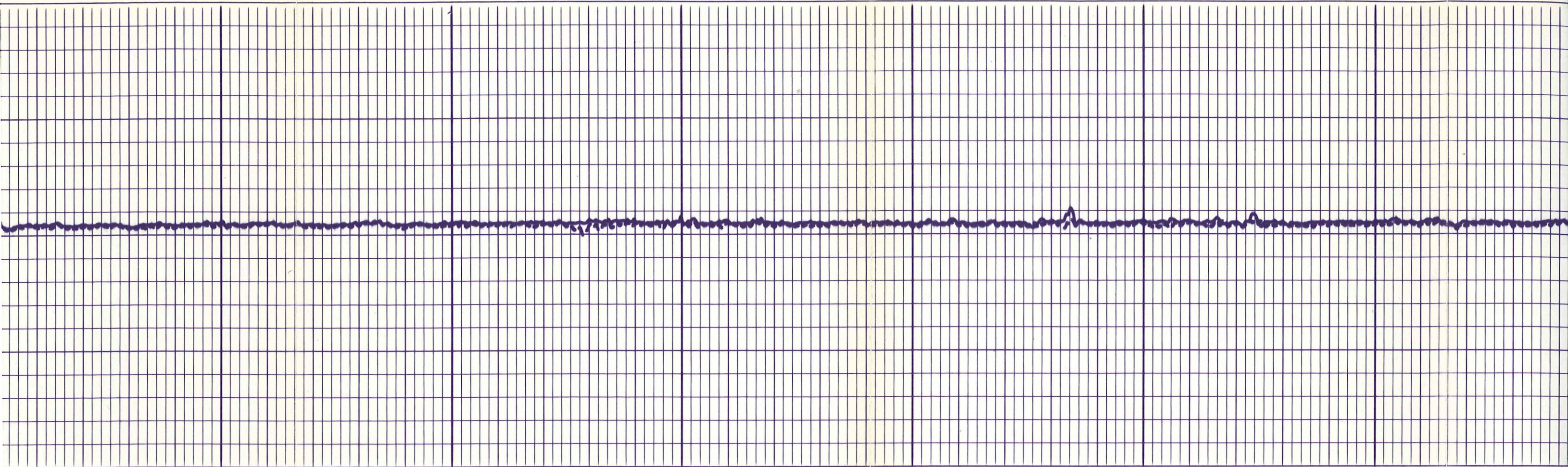
Caliper 1

Casing

0100

0200

0300

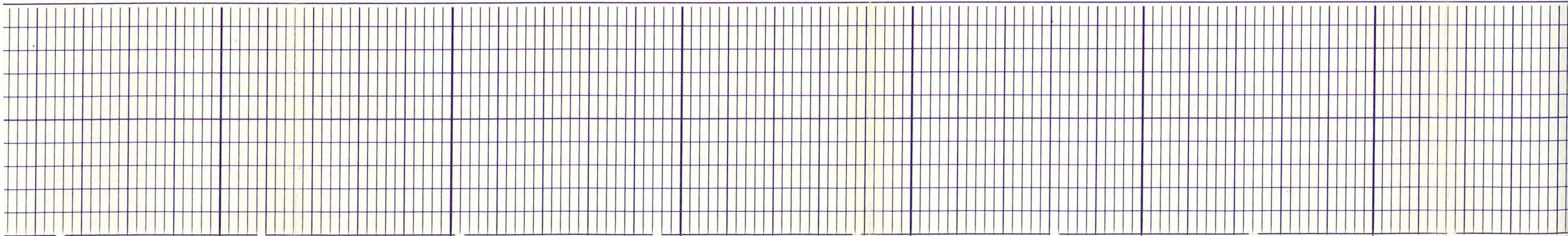


0

0400

0500

0600





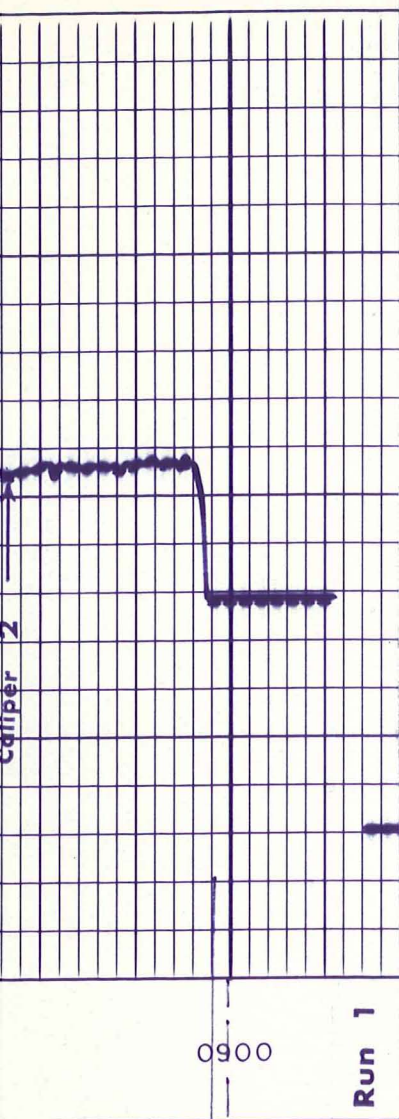
0600

0700

0800

0900

Run 1



CALIPER #1
25

5

45

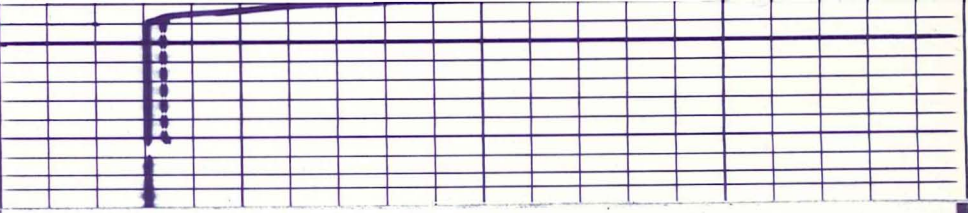
CALIPER #2
25

5

45

0900

Run 1



		CALIPER #1 5 25 45
		CALIPER #2 5 25 45

DEPTHS		HOLE SIZE CALIPER INCHES
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DETAIL LOG

RUN 2 " = 100'

DEPTHS		HOLE SIZE CALIPER INCHES
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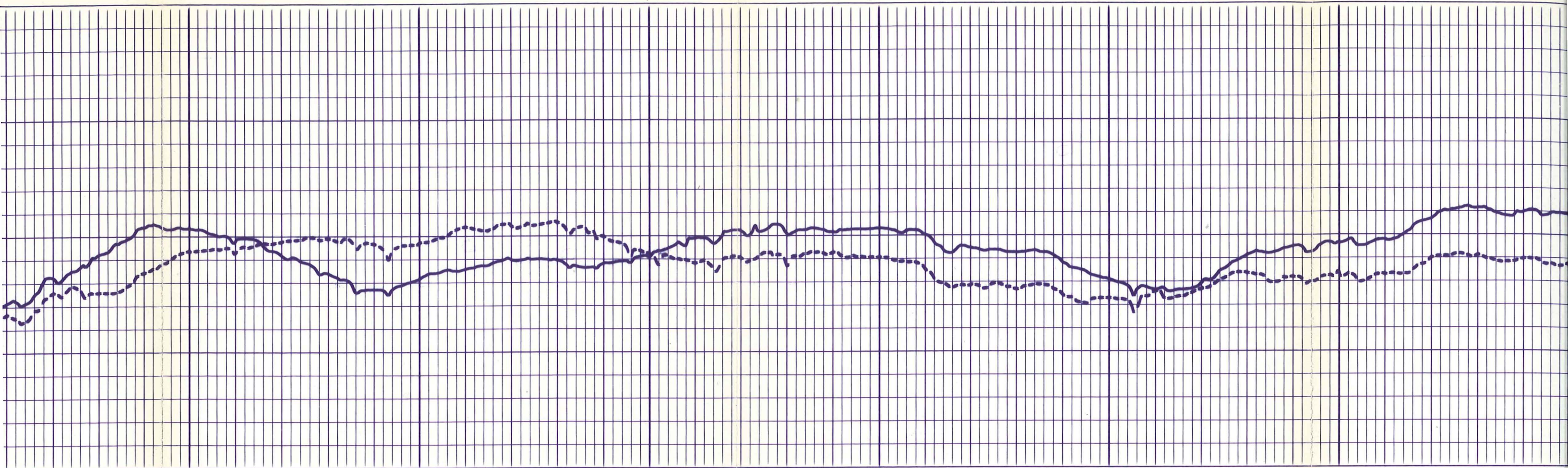
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		CALIPER #2 4 24 44

Run 2

Casing 0900

1000



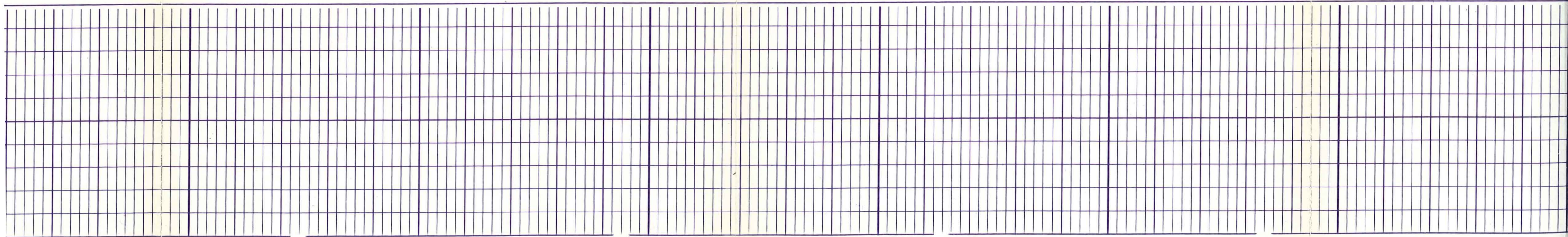


1100

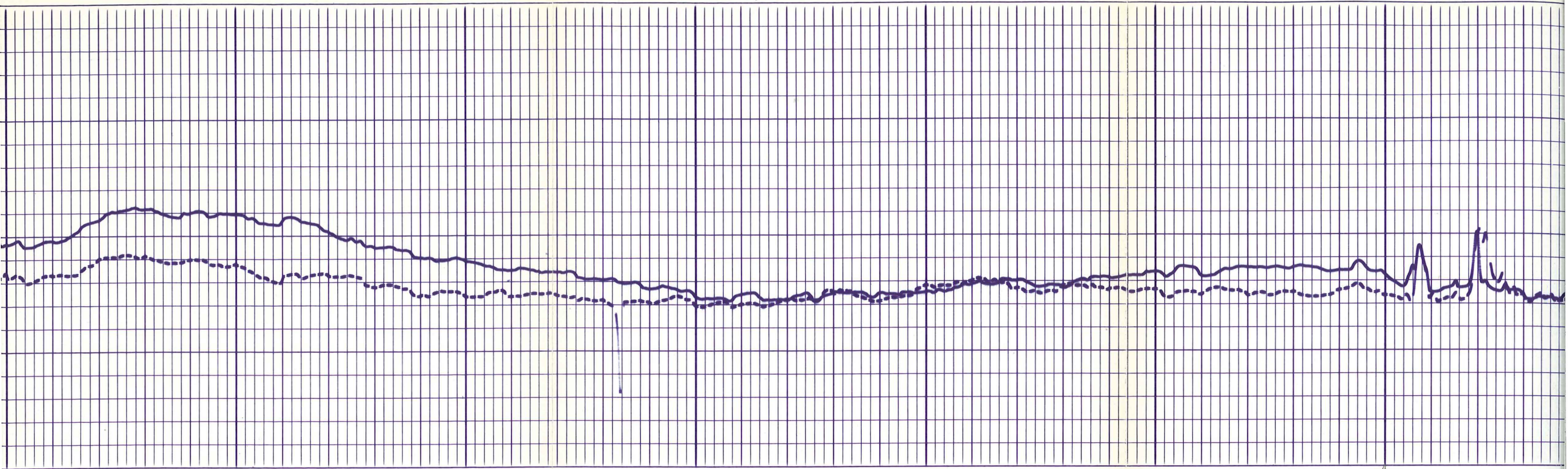
R6

1200

1300



R6

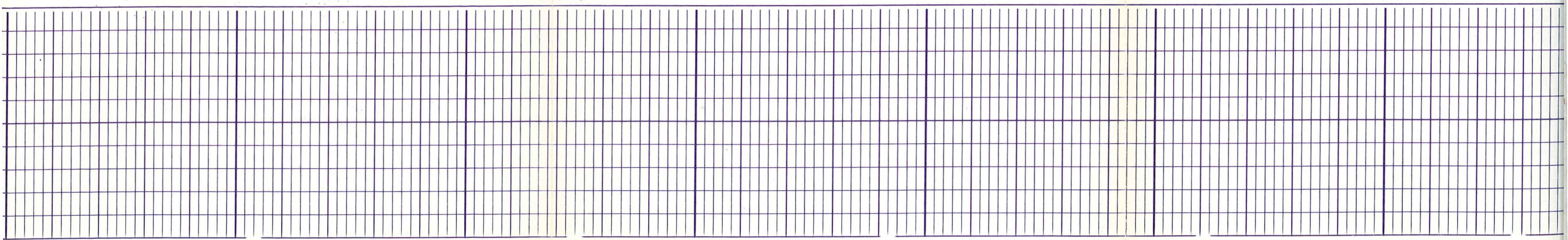


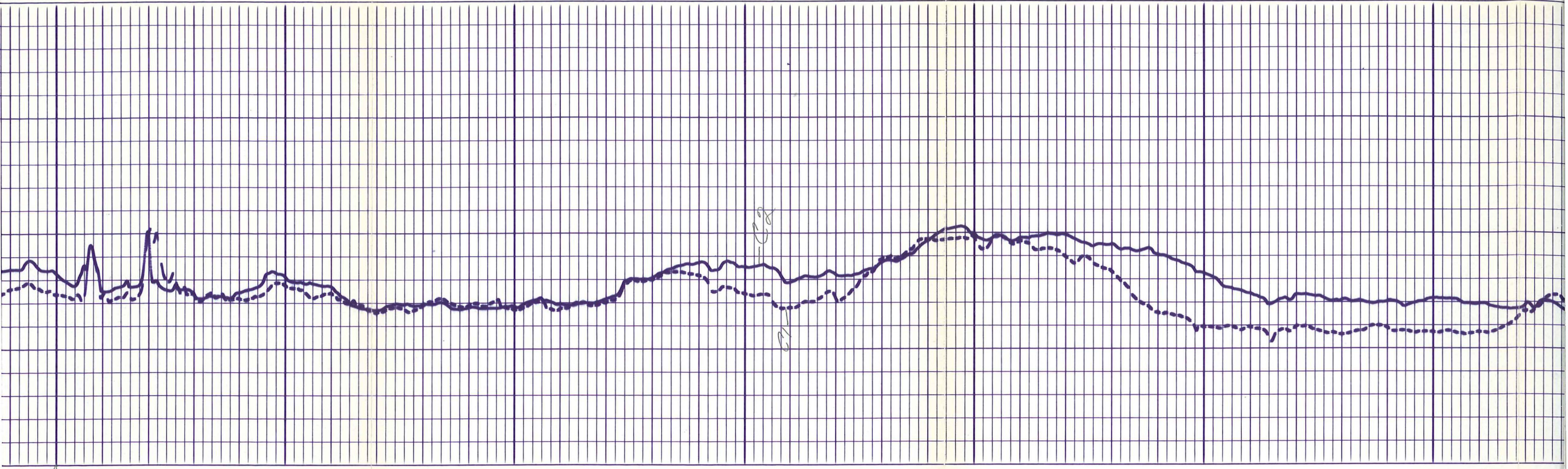
1300

R6
1400

1500

1600



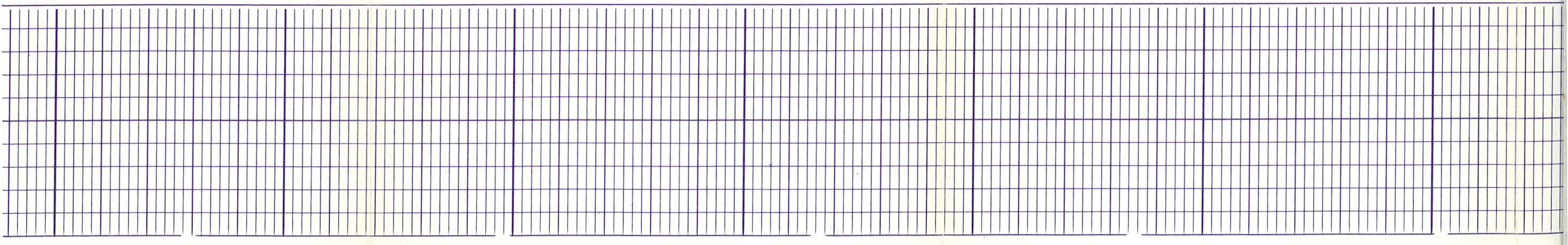


1600

1700

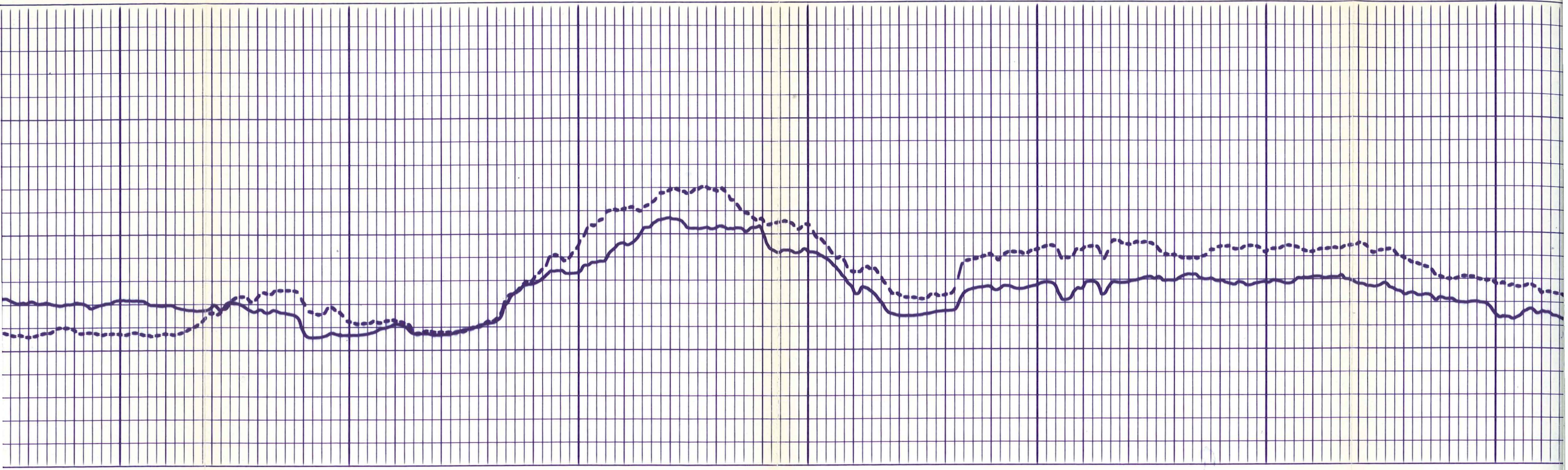
1800

1900



126

126

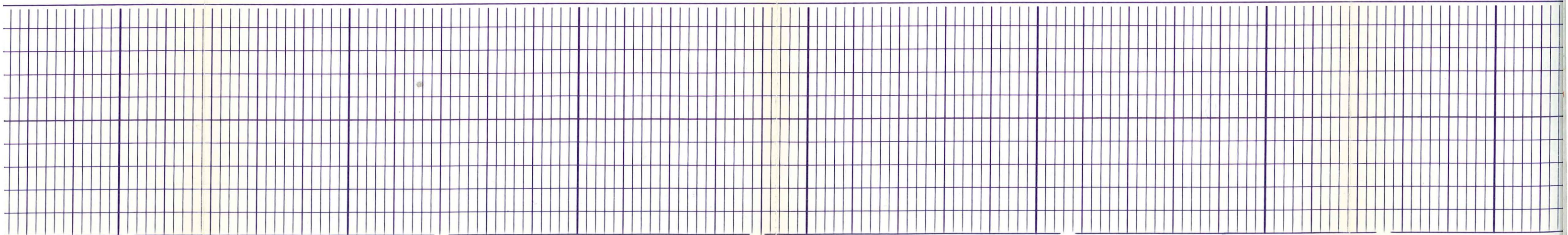


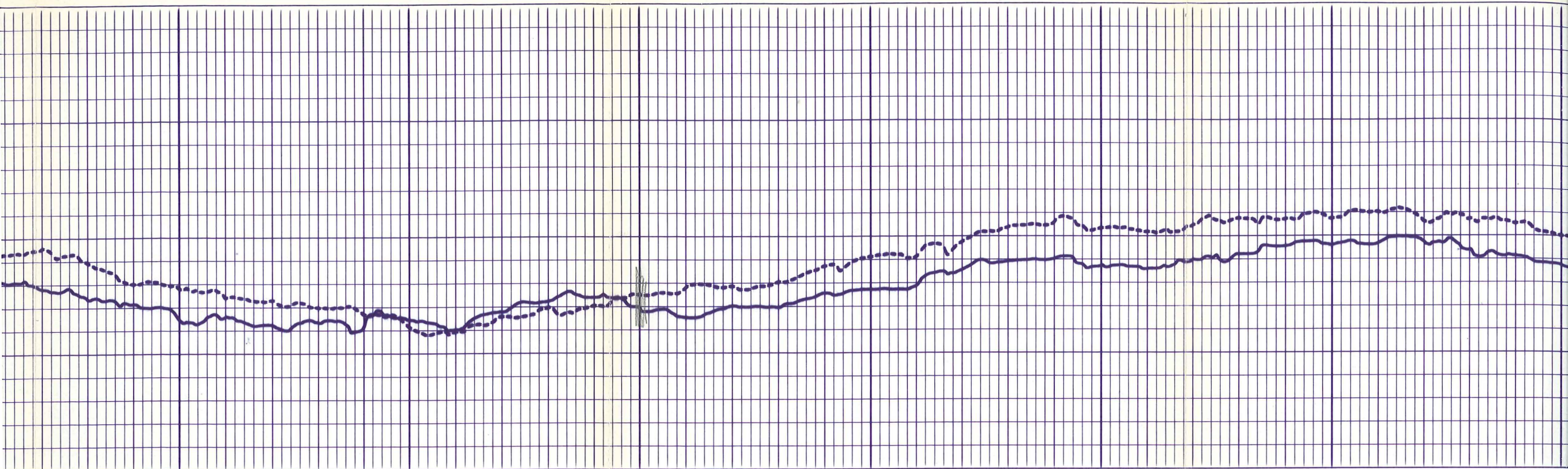
1900

2000

2100

2200





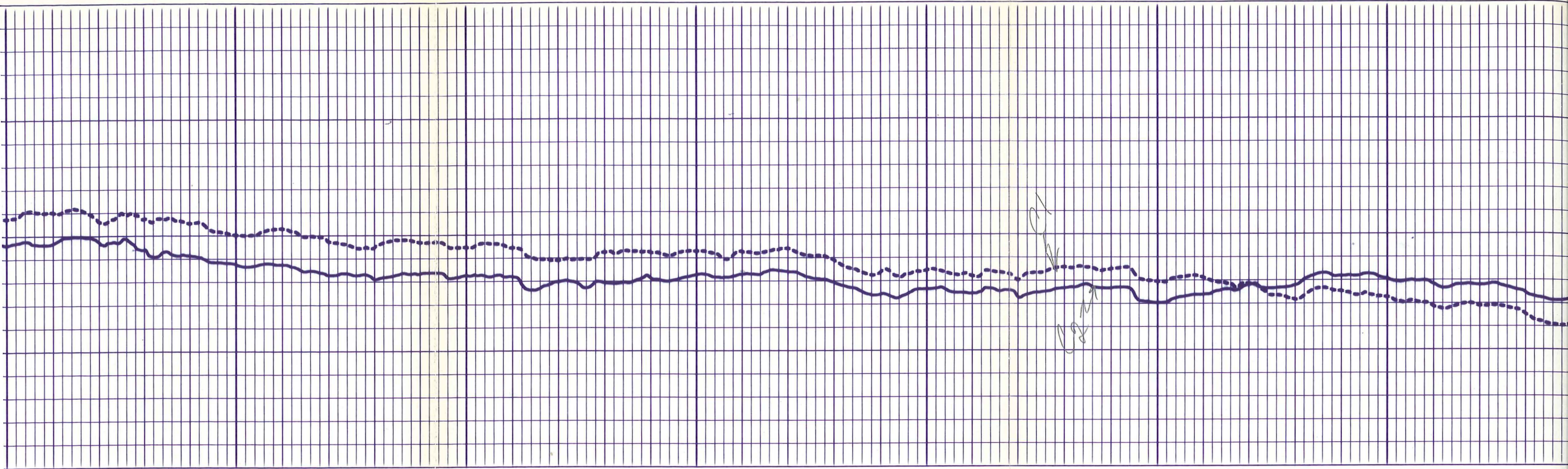
2200

2300

2400

2500

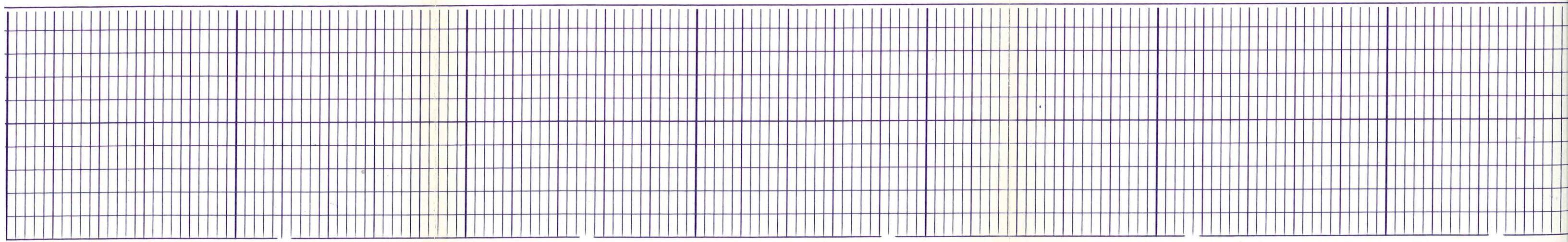
RG



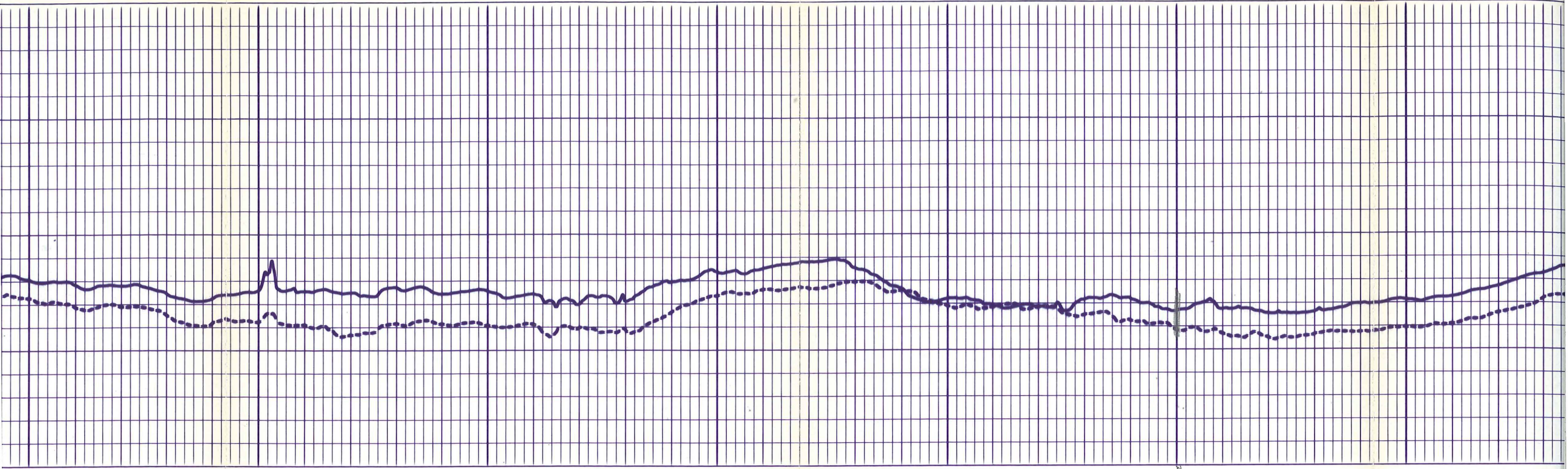
2500

RG
2600

2700



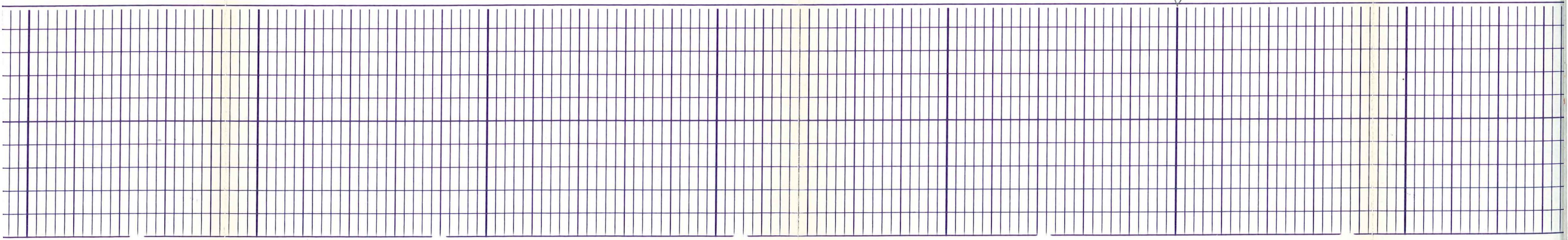
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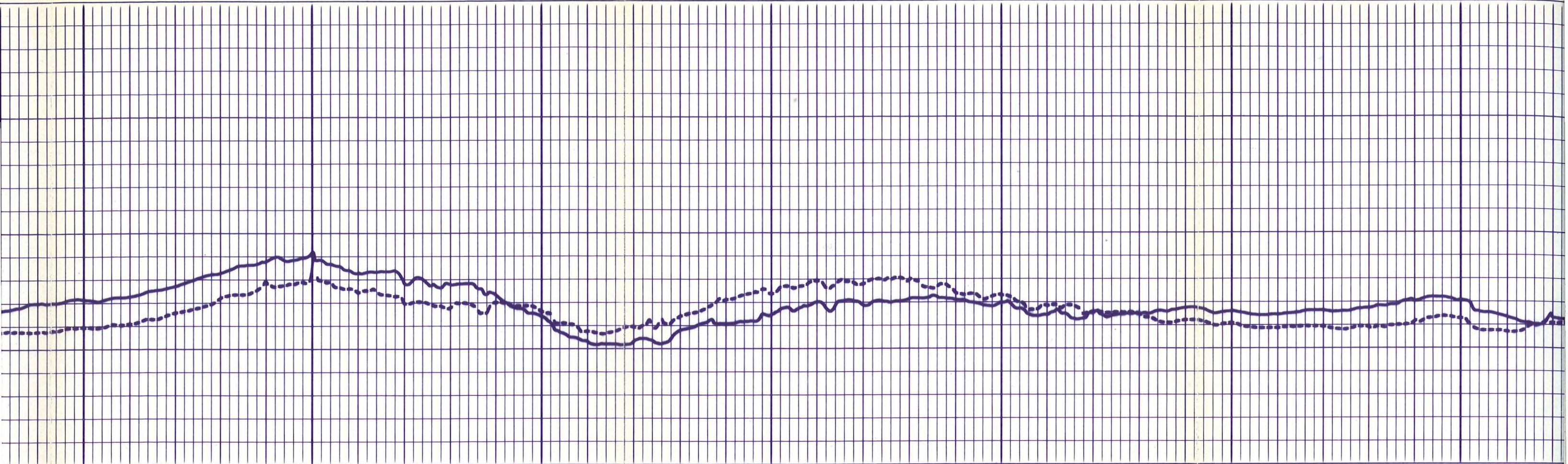
RG
2800

2900

3000



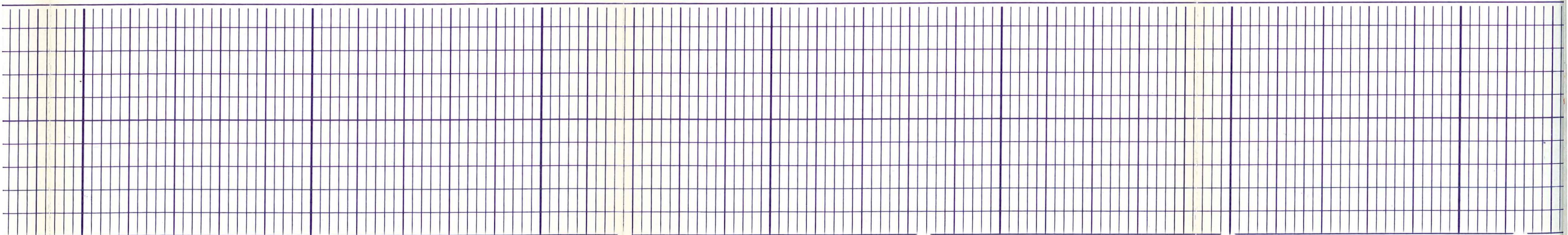
126



3100

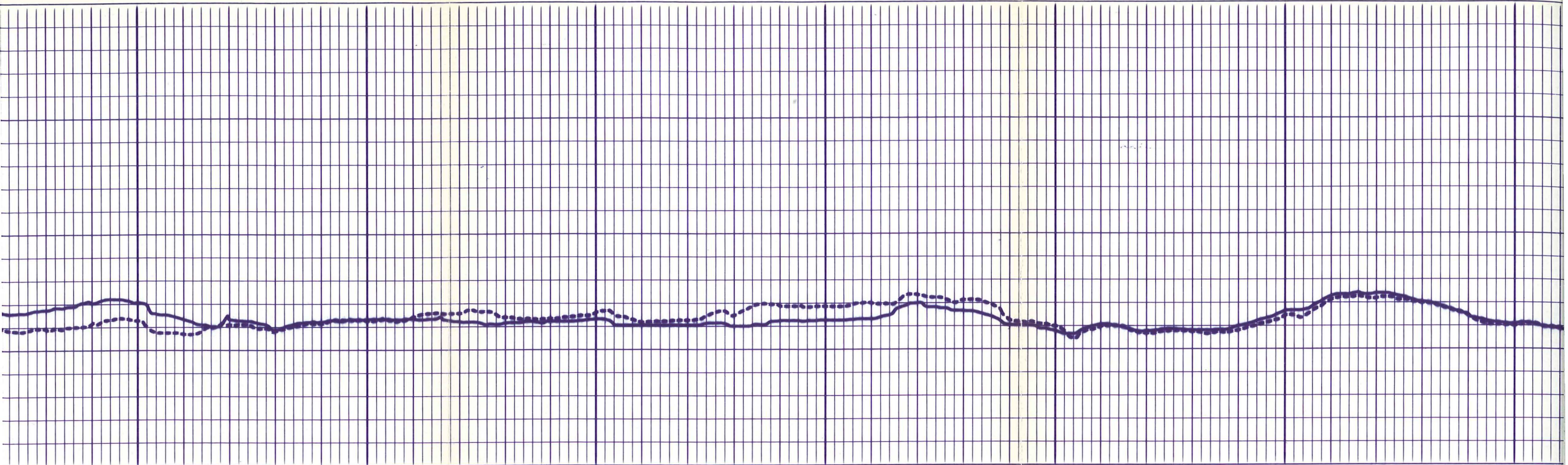
126
3200

3300



IR6

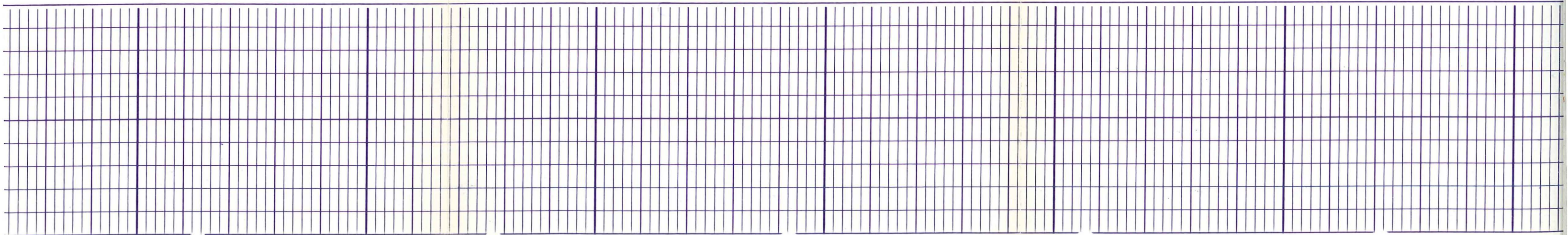
IR6

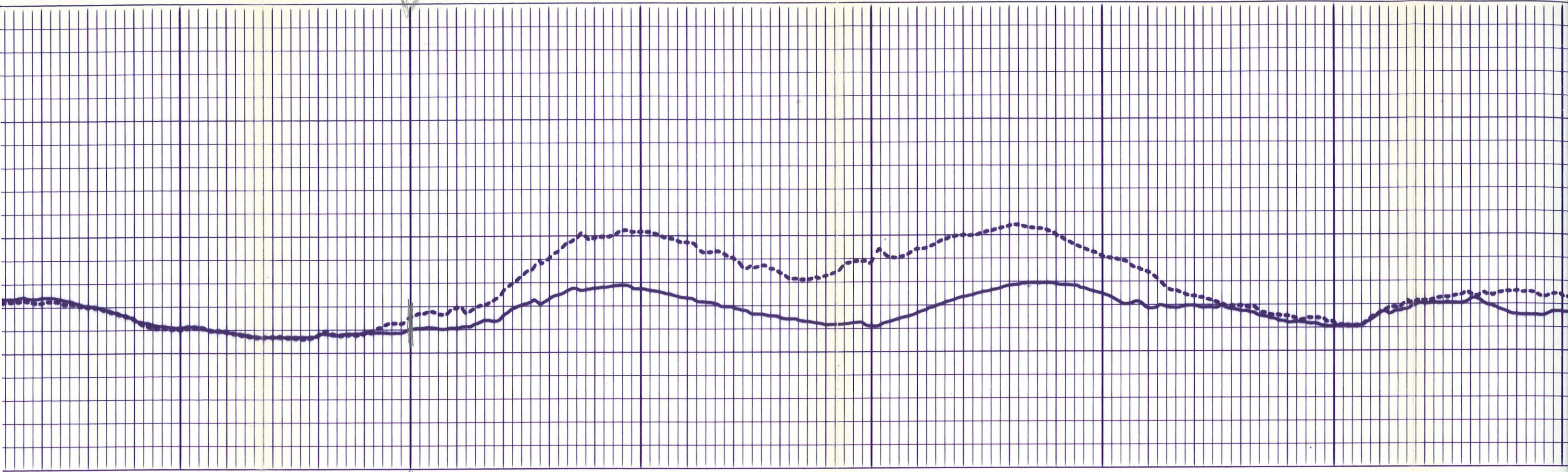


IR6
3400

3500

IR6
3600



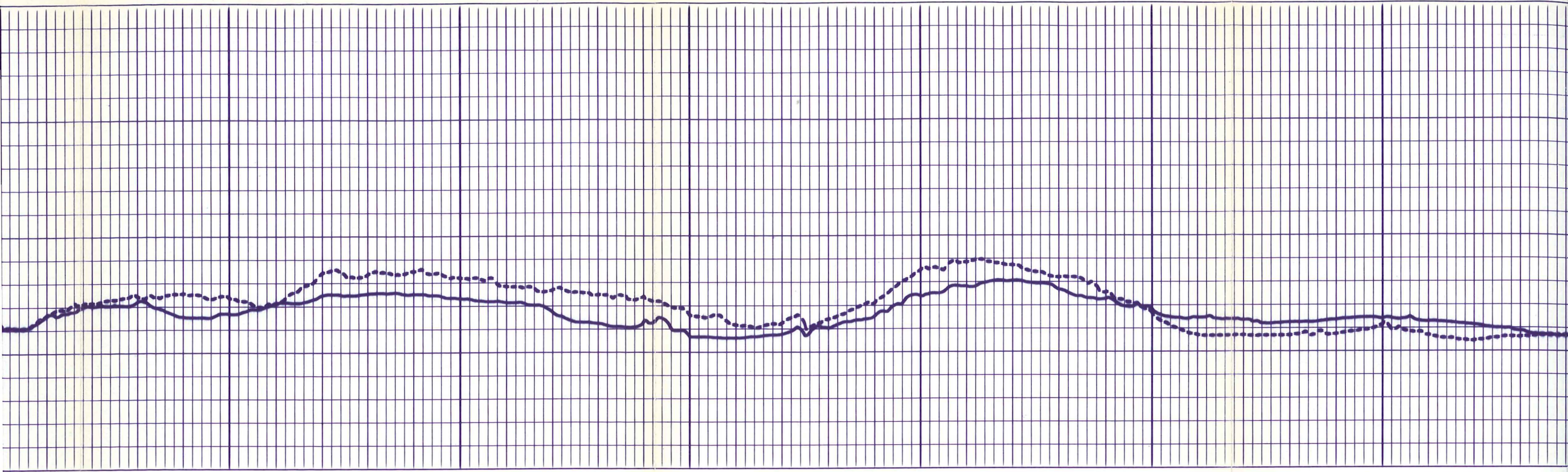


3700

END
LOG 1

3800

3900

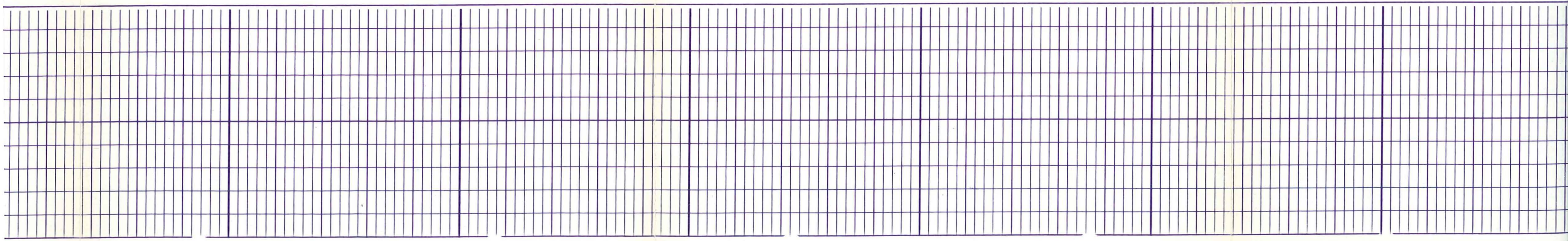


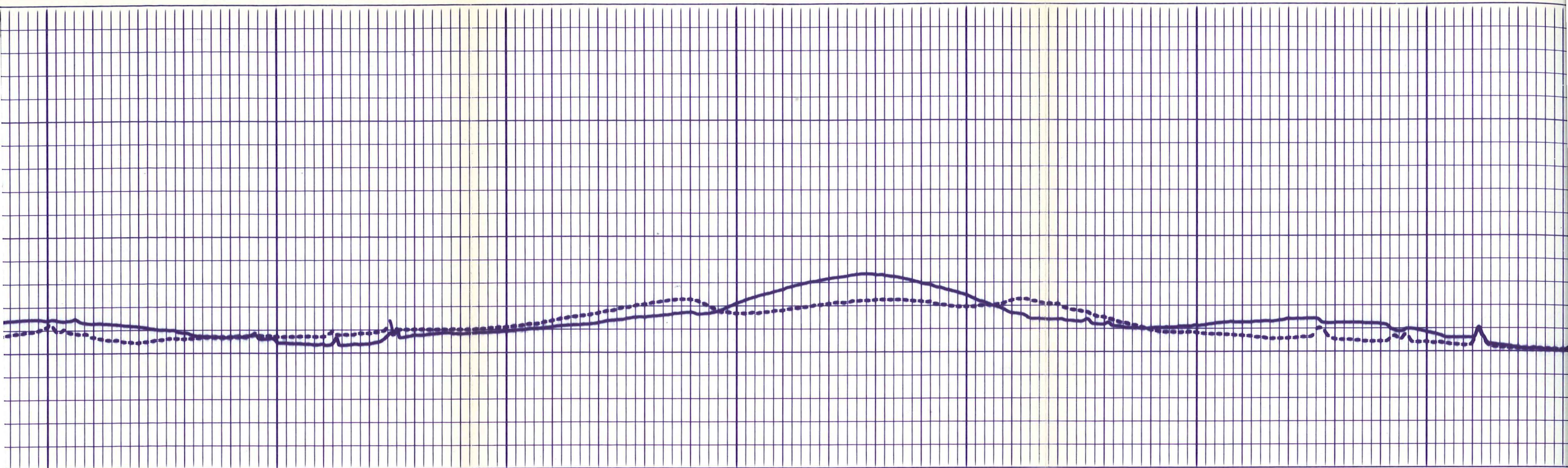
00

4000

4100

4200



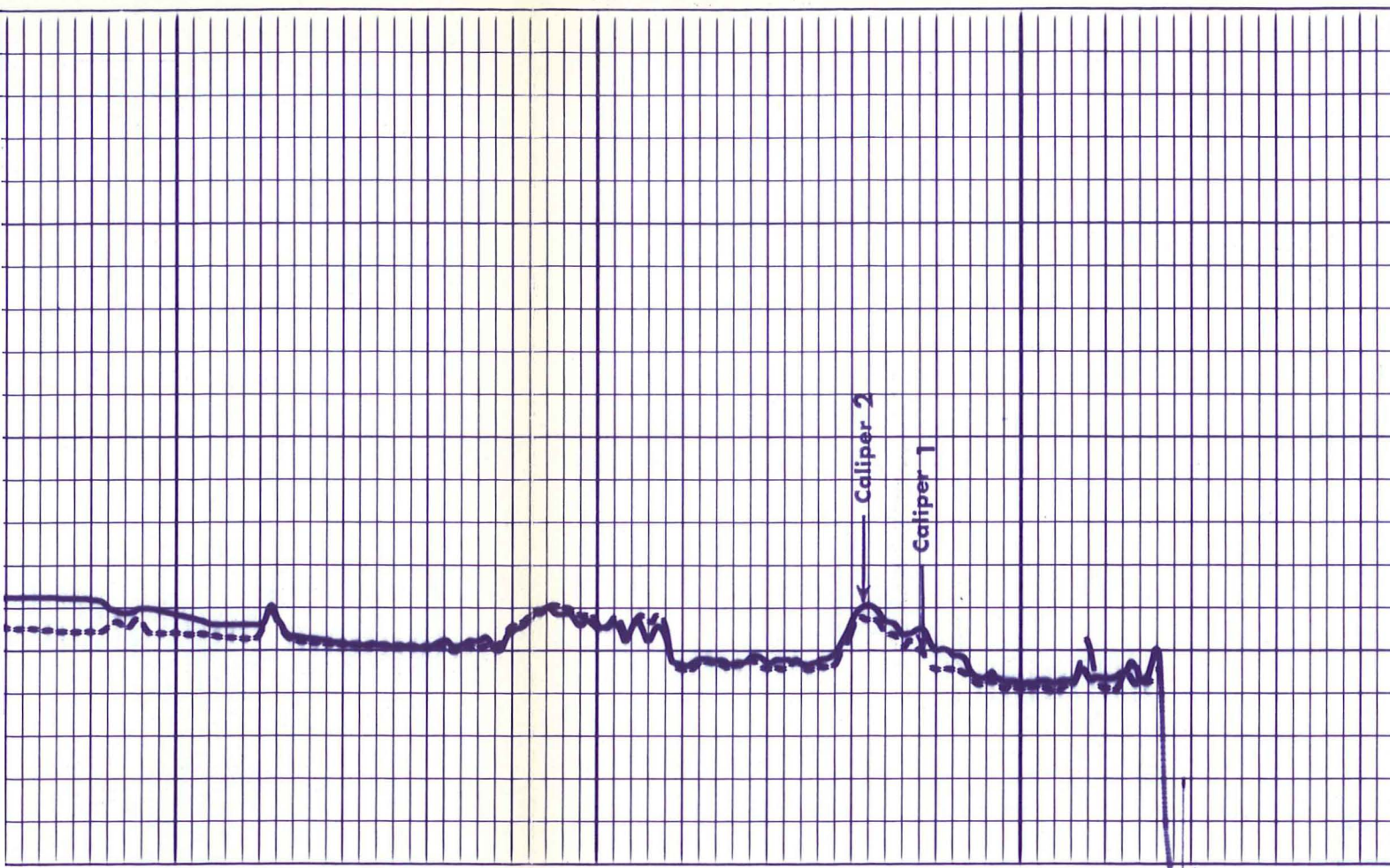


4200

4300

4400

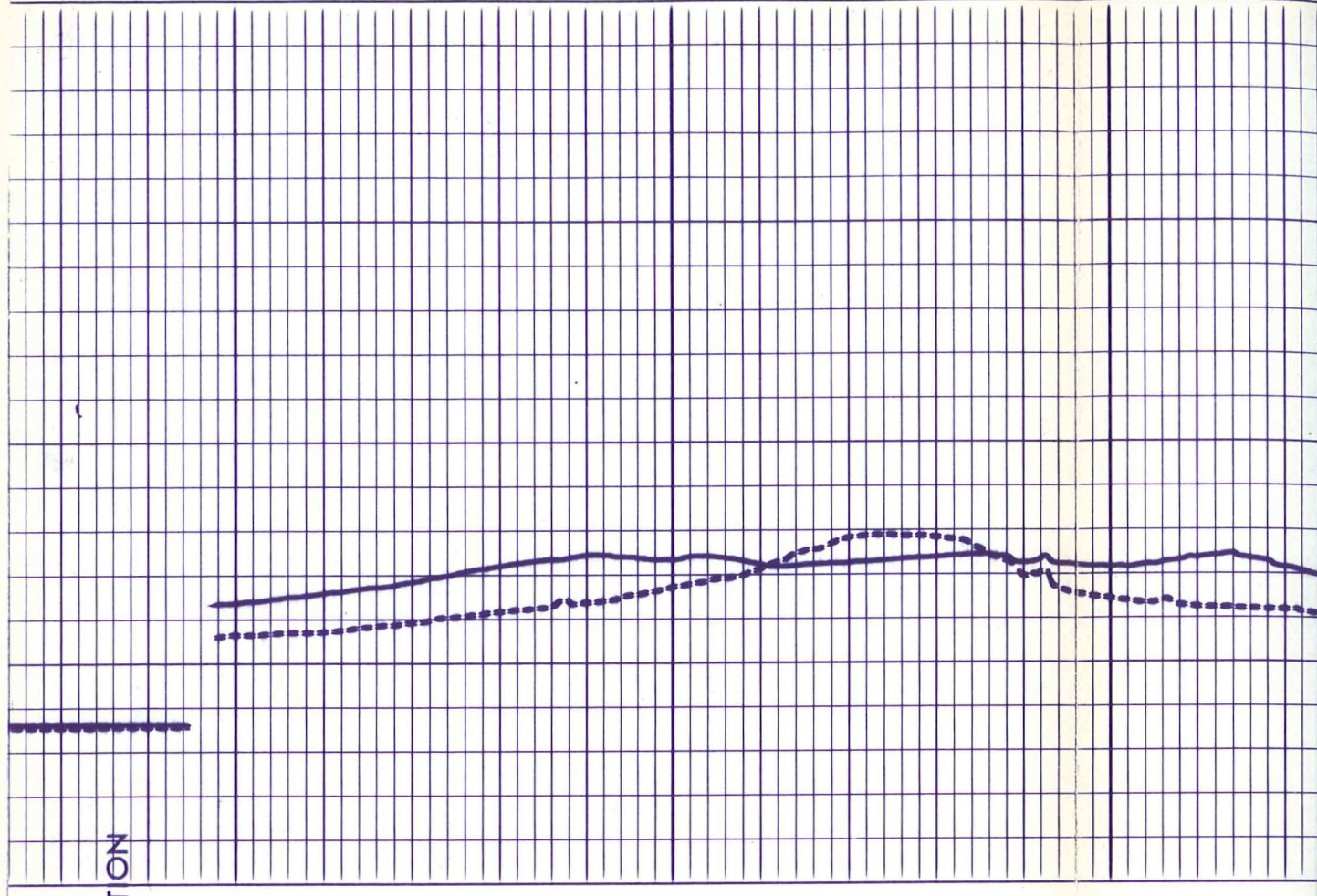
4500



4500

4600

Run 2



Run 2

REPEAT SECTION

4300

4400



4400

4500

4600

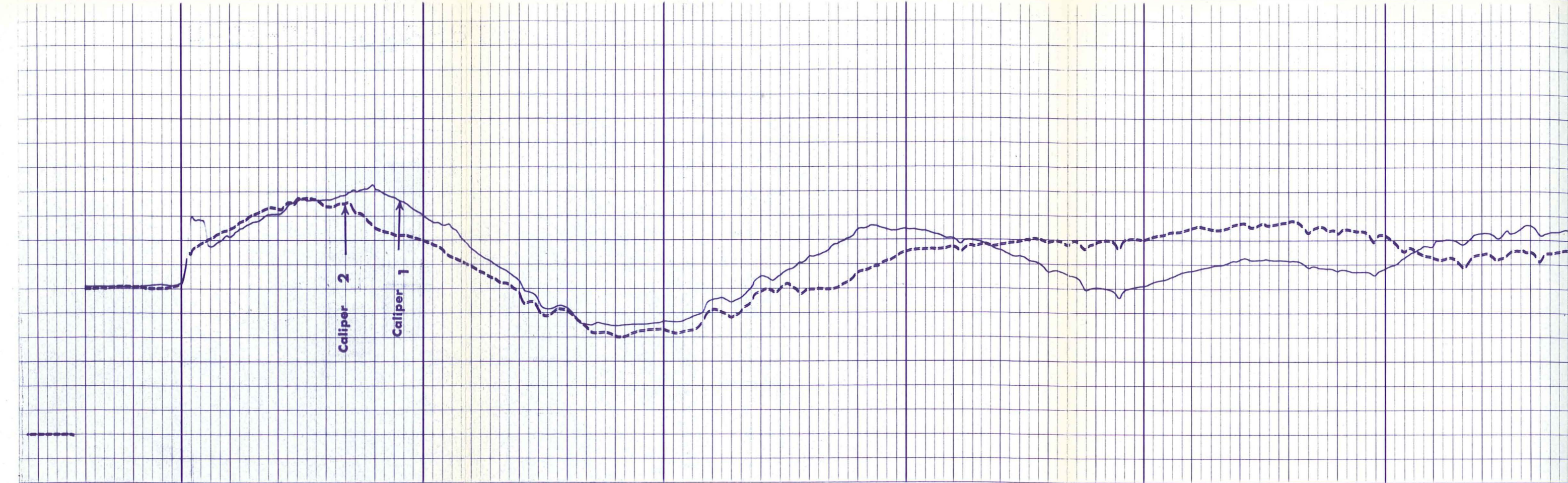
Run 2

Run 3

Run 2



Run 3



Run 3

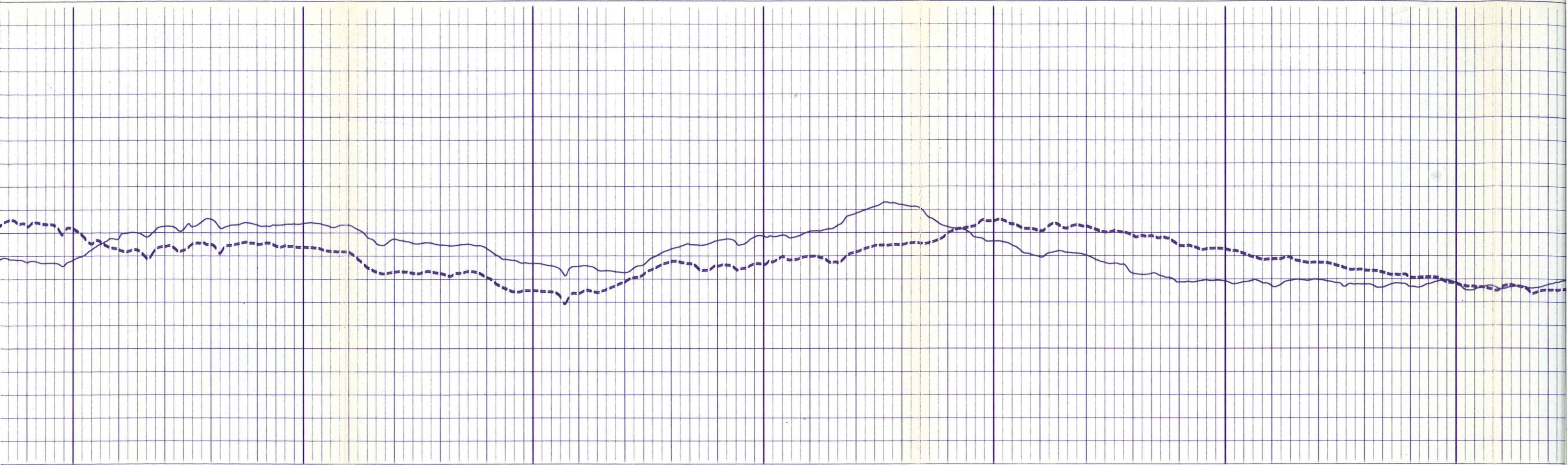
Casing 900

1000

1100



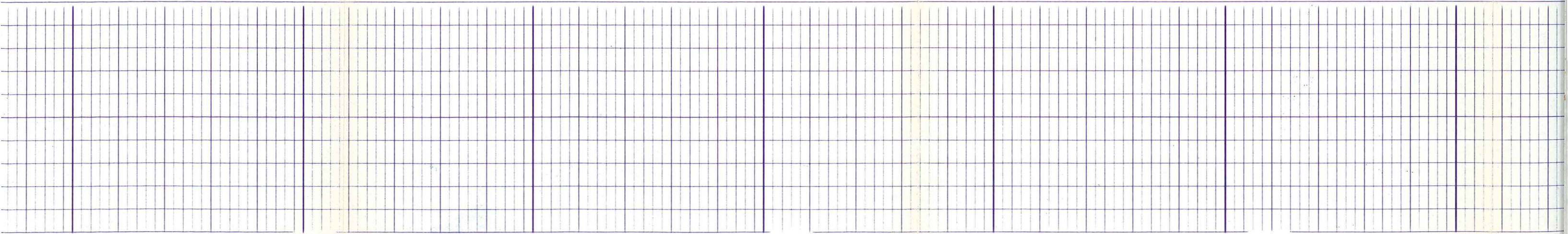
Run 3

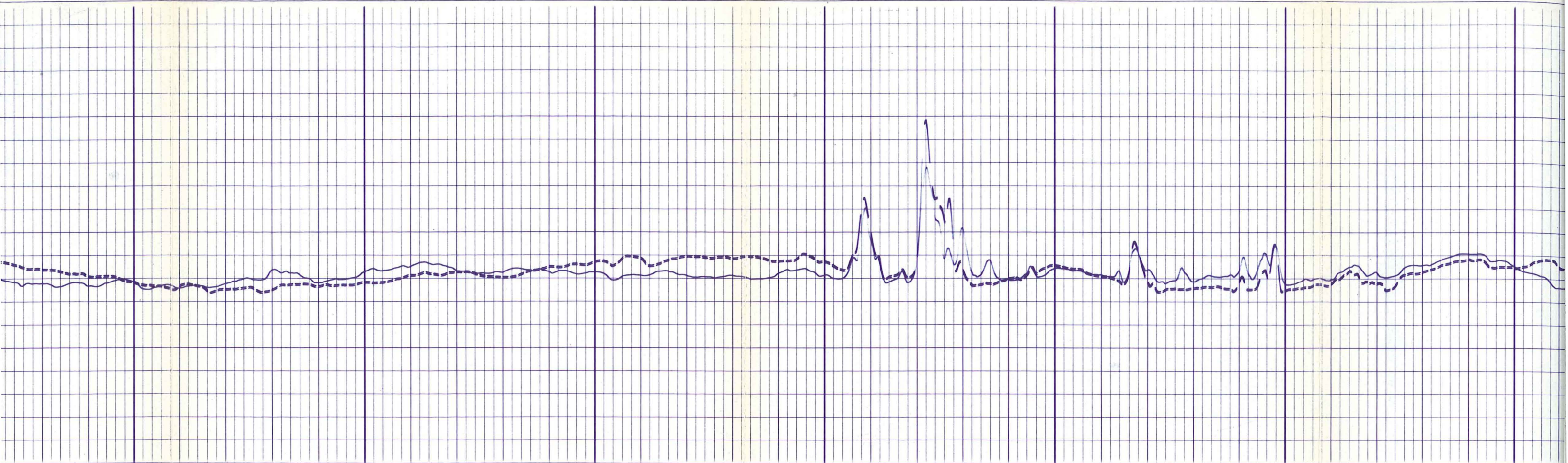


1200

1300

1400

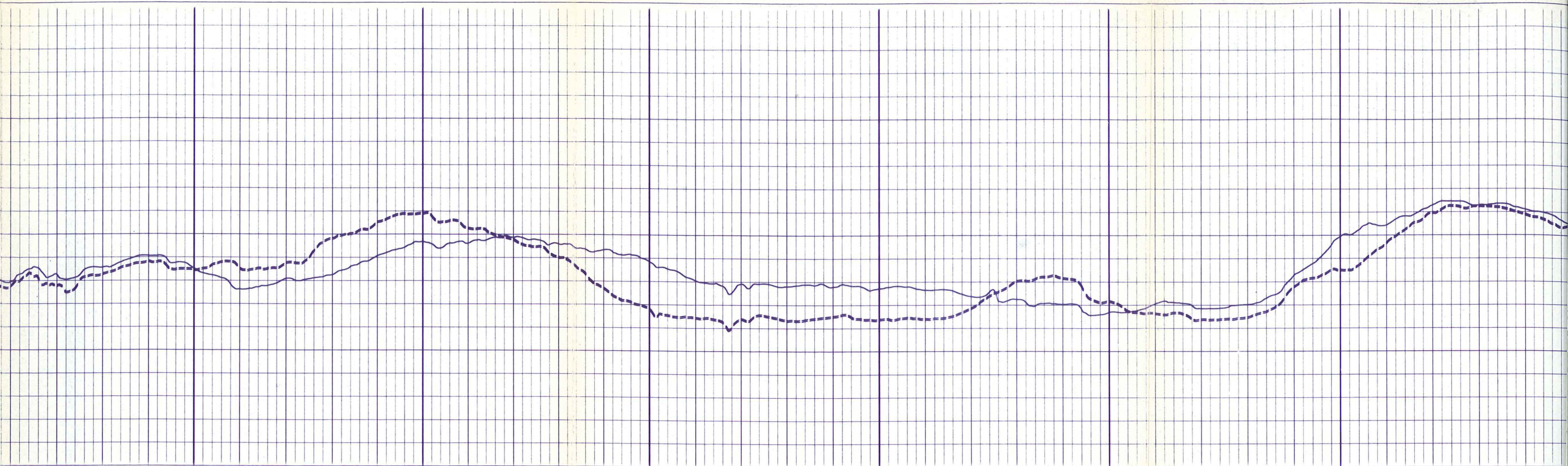




1500

1600

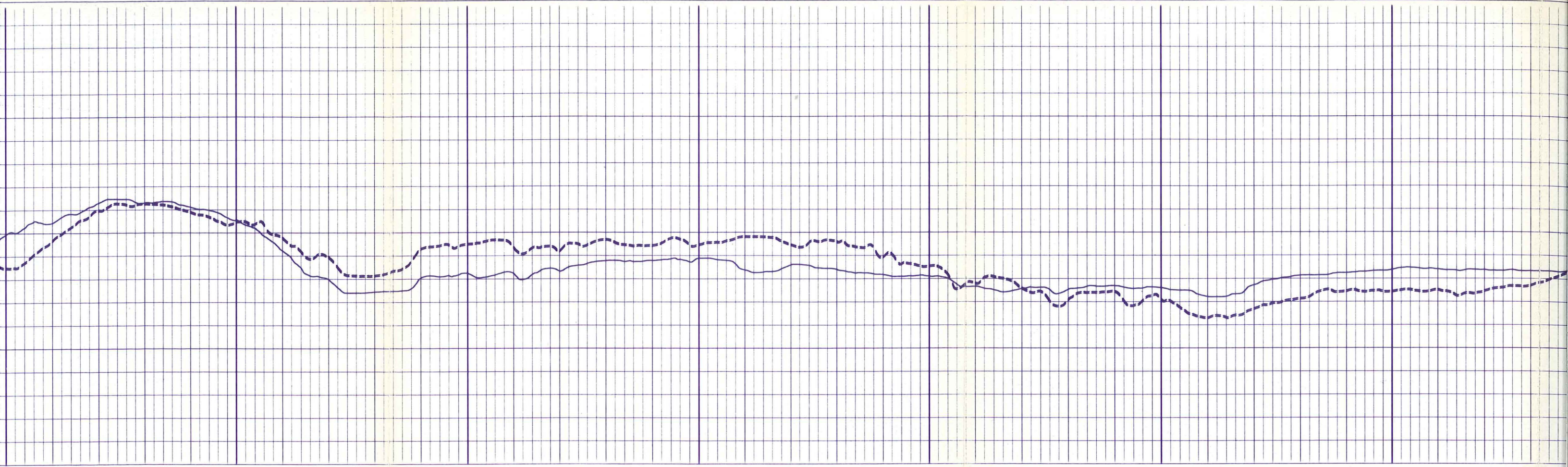
1700



1800

1900

2000

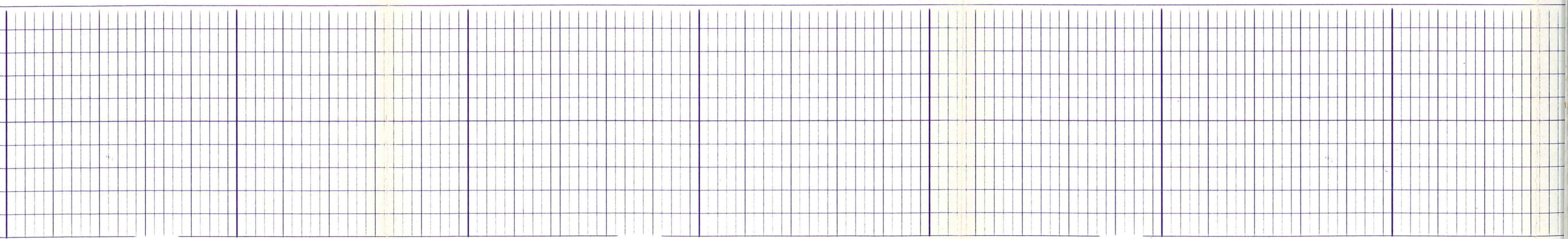


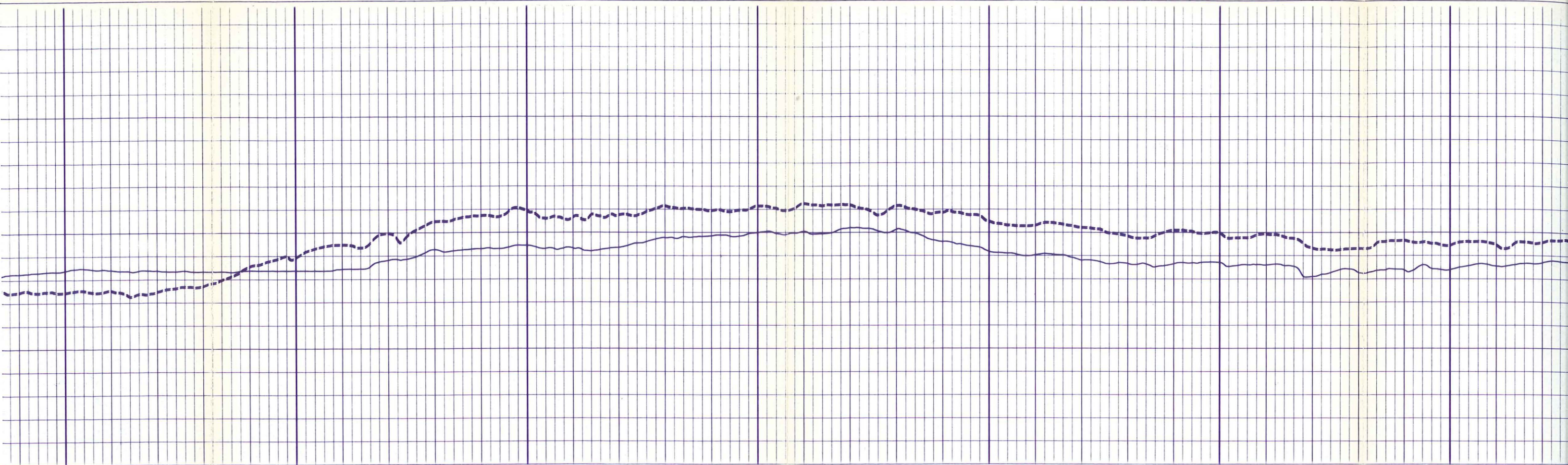
000

2100

2200

2300



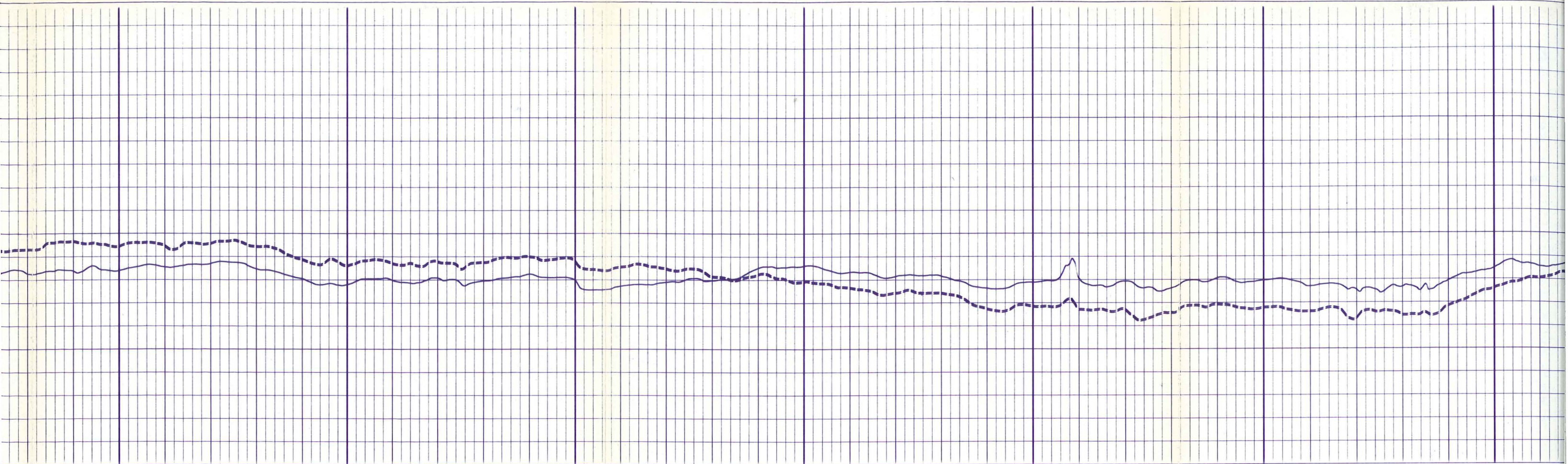


2300

2400

2500

2600

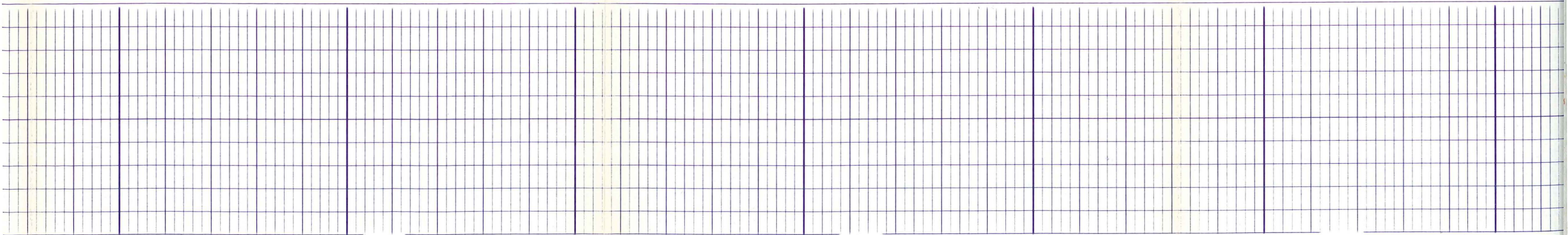


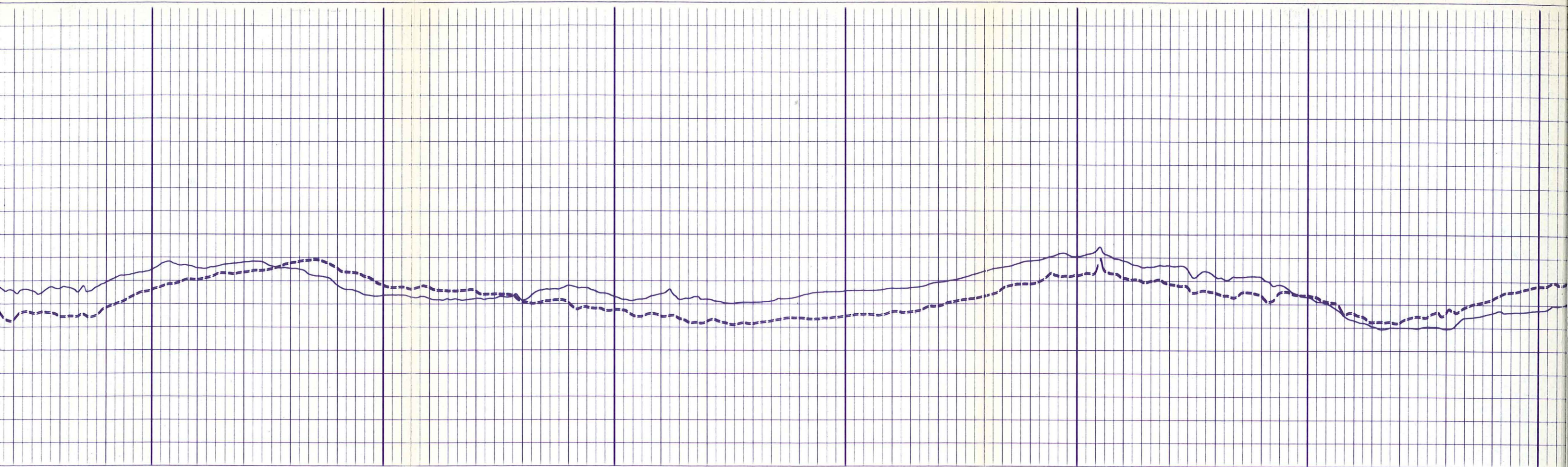
2600

2700

2800

2900



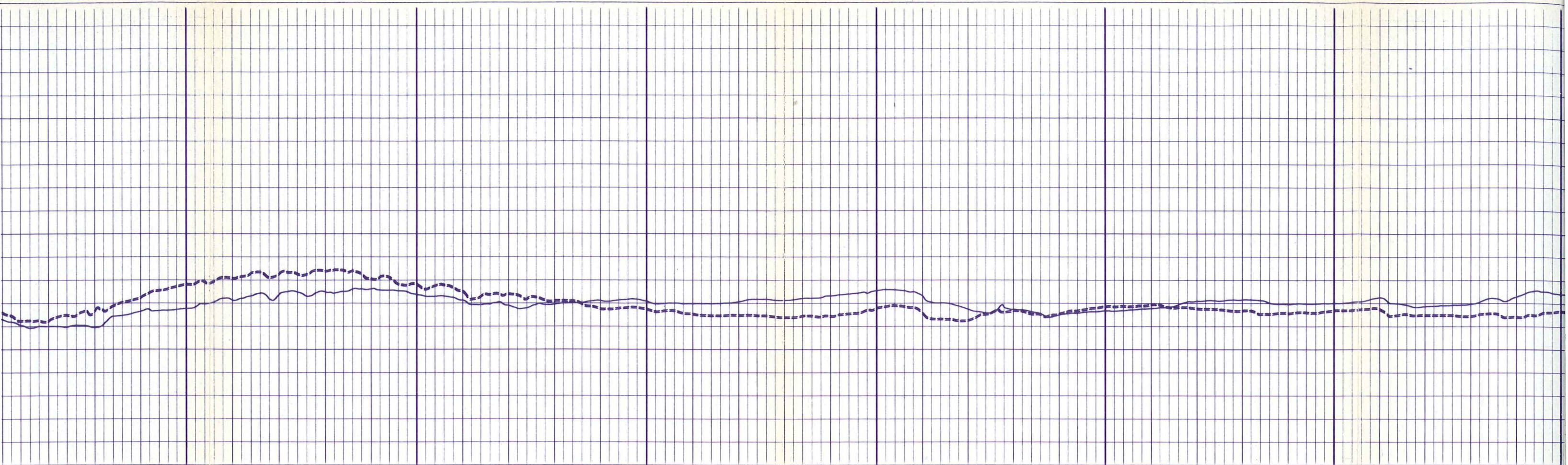


2900

3000

3100

3200

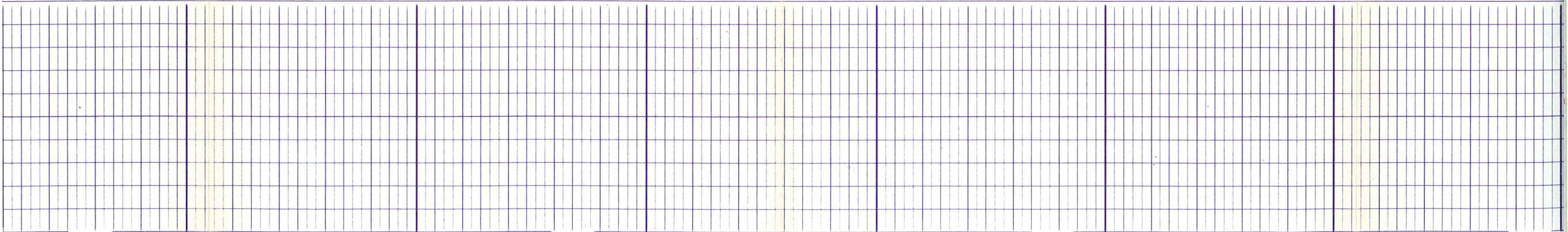


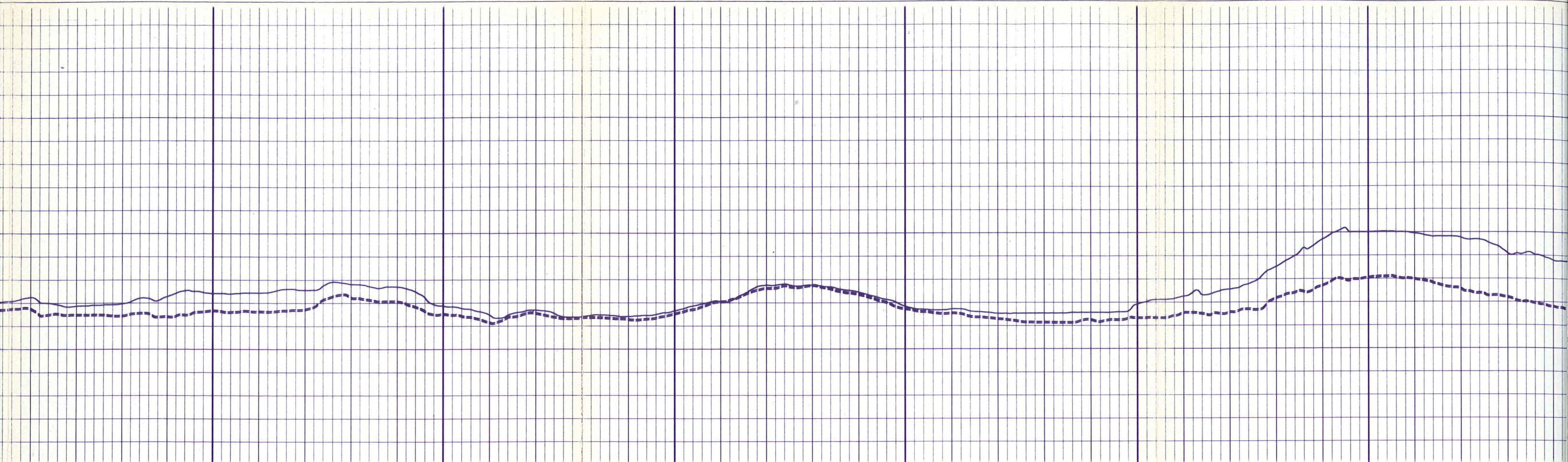
3200

3300

3400

3500

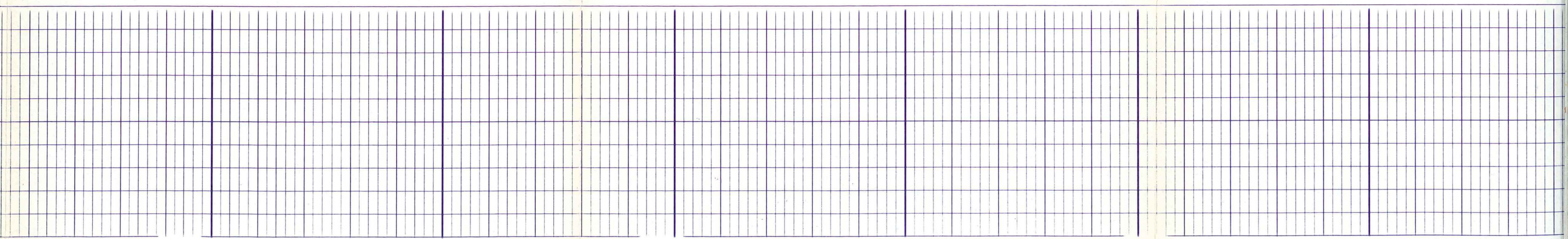


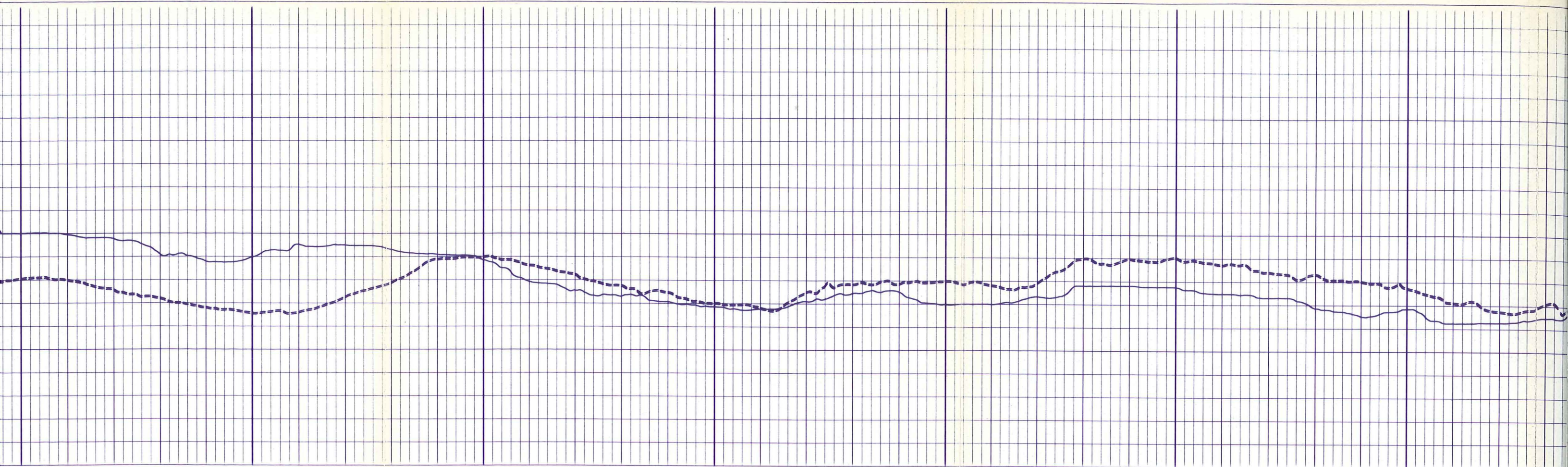


3500

3600

3700

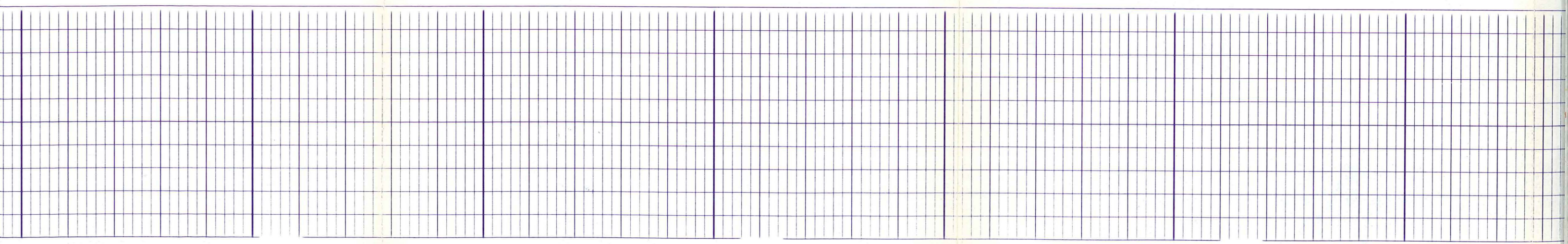


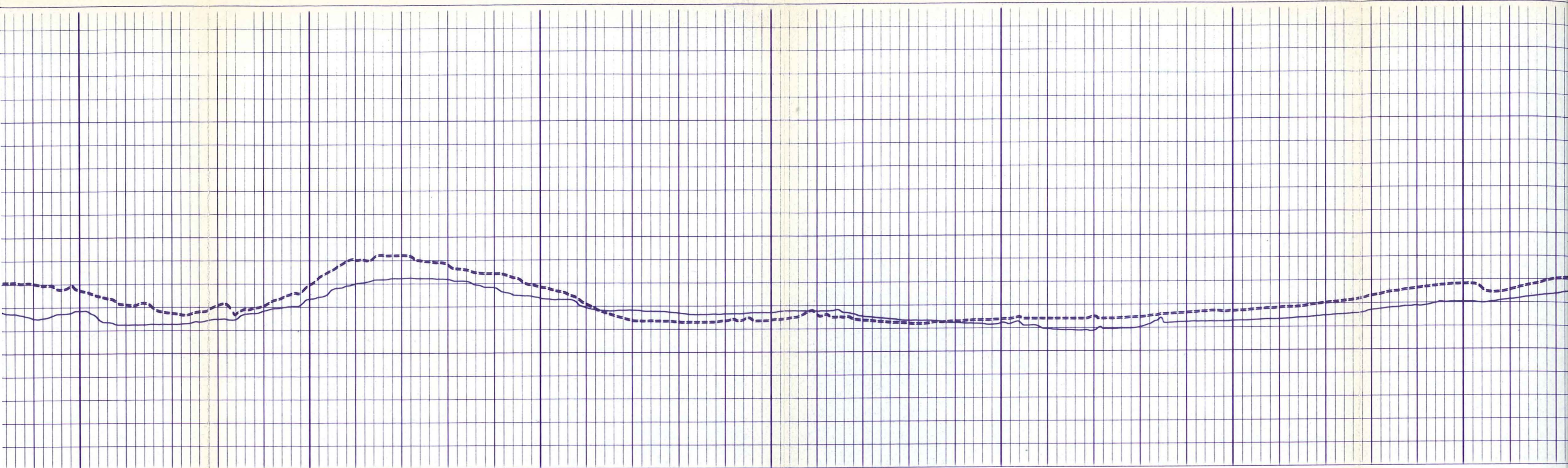


3800

3900

4000

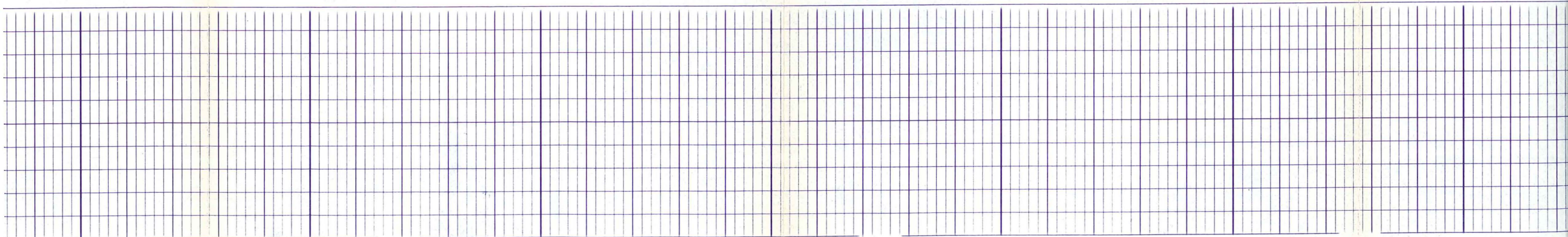




4100

4200

4300





4400

4500

4600

Run 3

Run 3

Run 3

Run 3

REPEAT SECTION

4400
LR

4500

4600

Run 3

CALIPER #1

4

24

44

CALIPER #2

4

24

44

RUN 3

DEPTHS

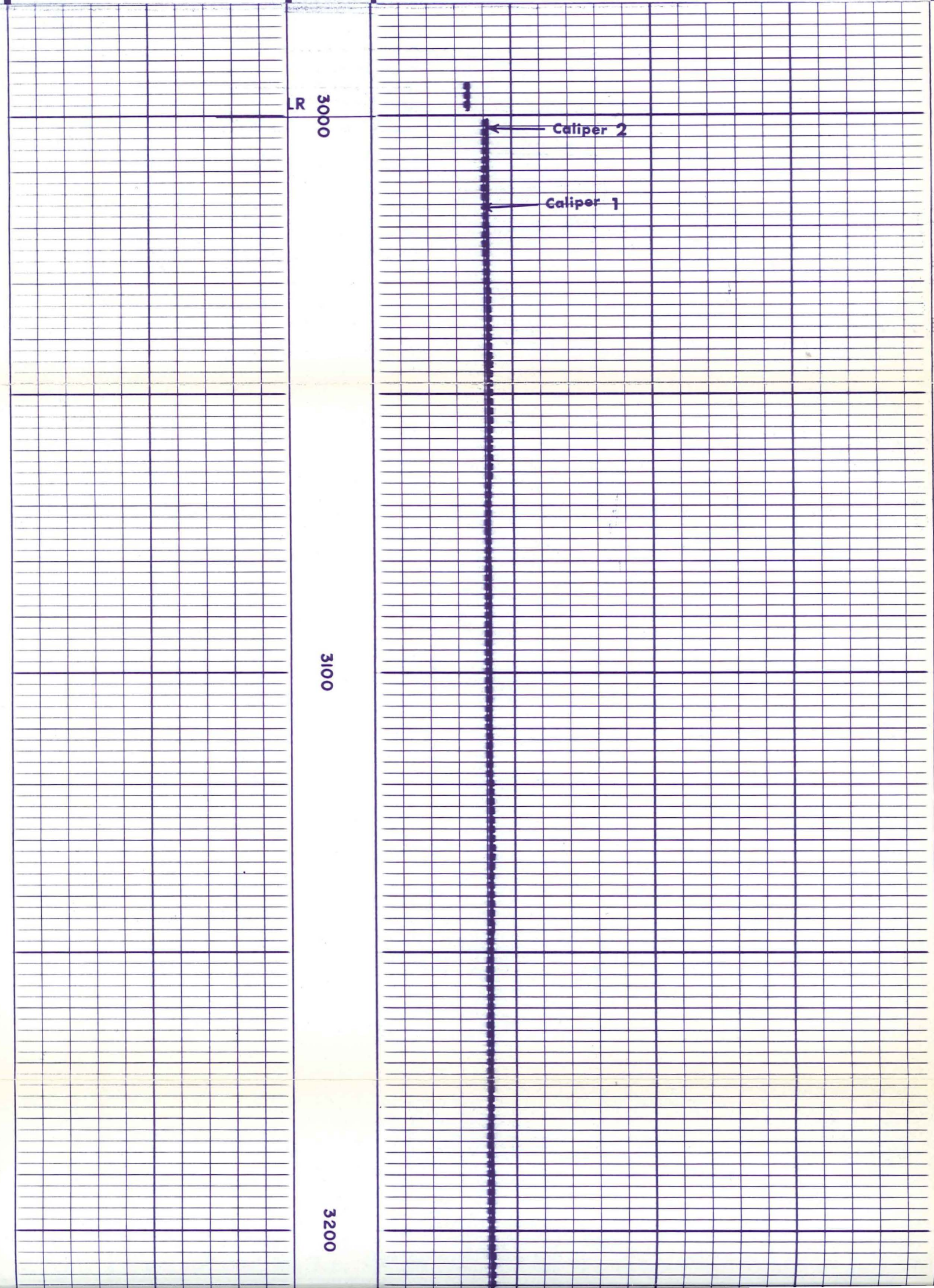
HOLE SIZE CALIPER
INCHES

DETAIL LOG

		CALIPER #1 24	44
		CALIPER #2 24	44
	RUN 3		
	DEPTHS	HOLE SIZE CALIPER INCHES	

DETAIL LOG
RUN 4 5" = 100'

		HOLE SIZE CALIPER INCHES	
		CALIPER #1 25	45
		CALIPER #2 25	45
	Run 4		



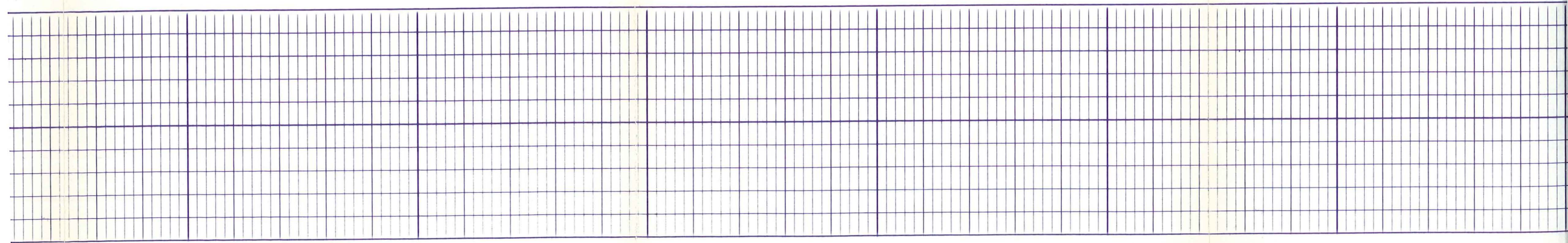


3200

3300

3400

350



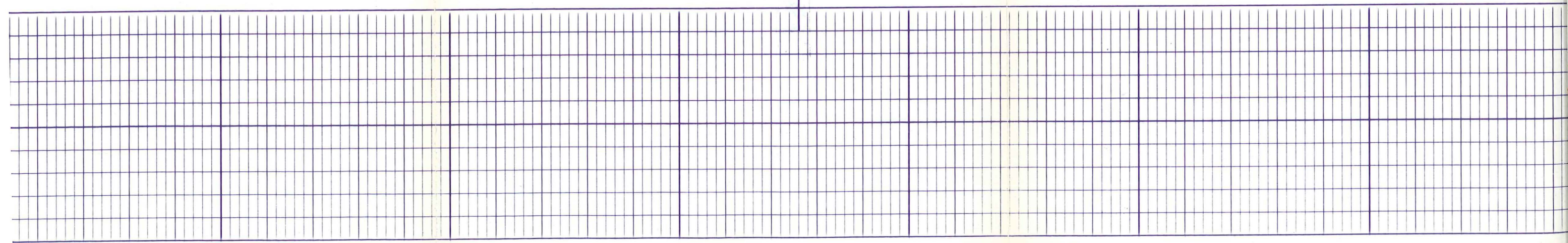


3500

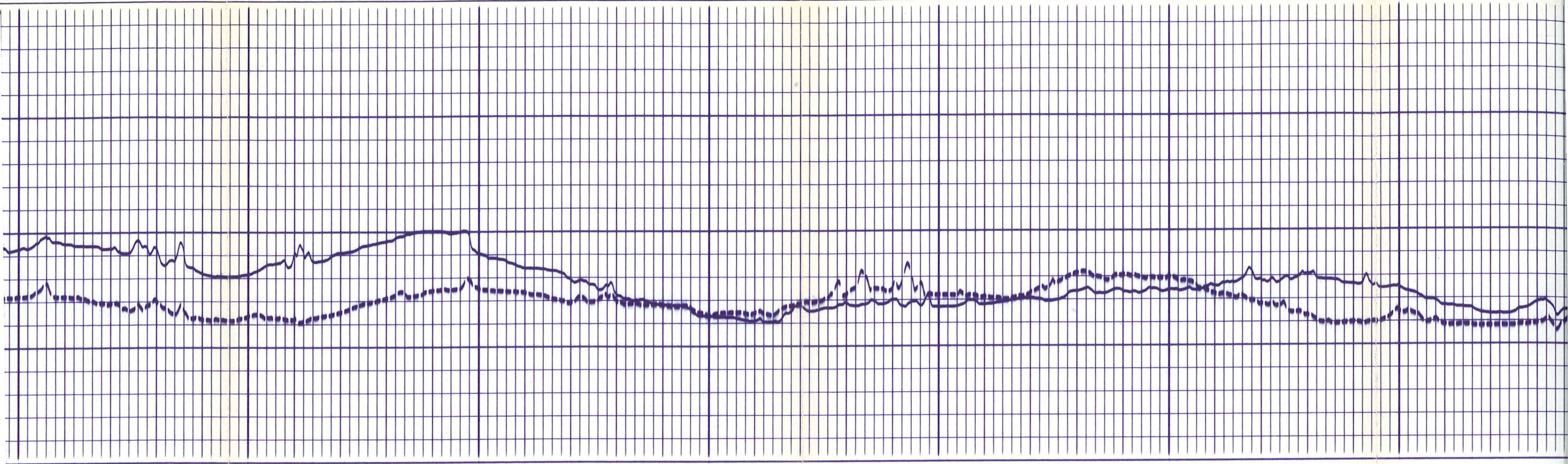
3600

Casing

3700



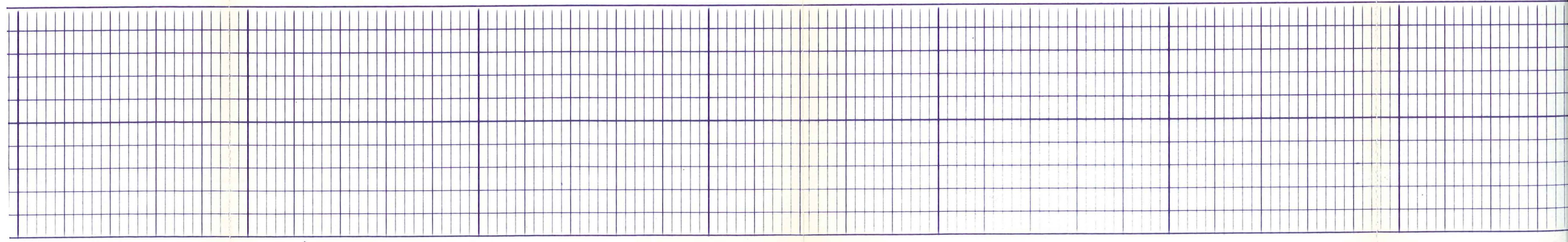
126



3800

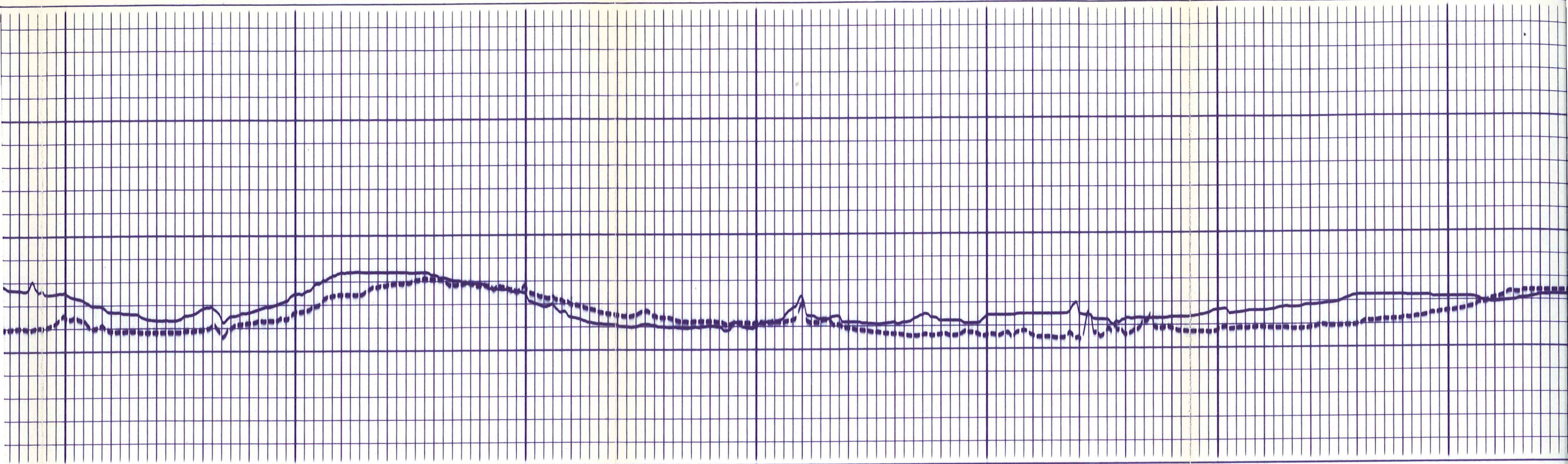
126
3900

4000



IR6

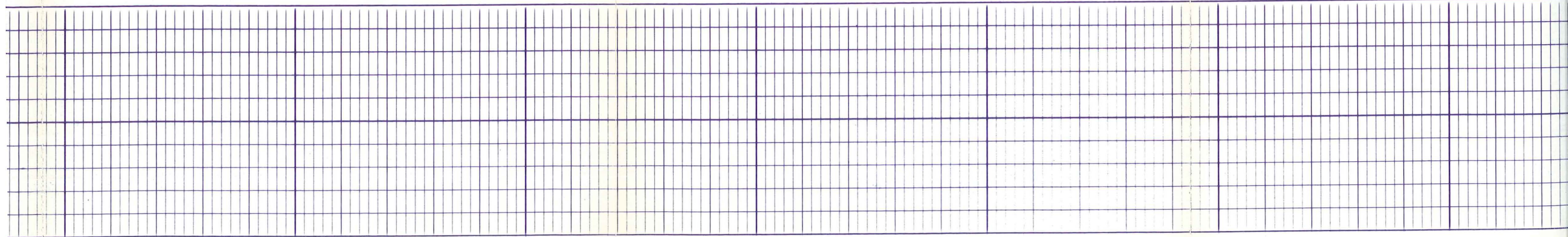
IR6



IR6
4100

4200

IR6
4300





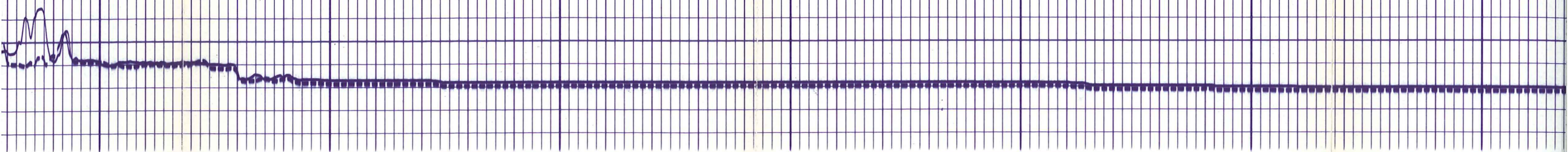
4400

4500

4600

R6

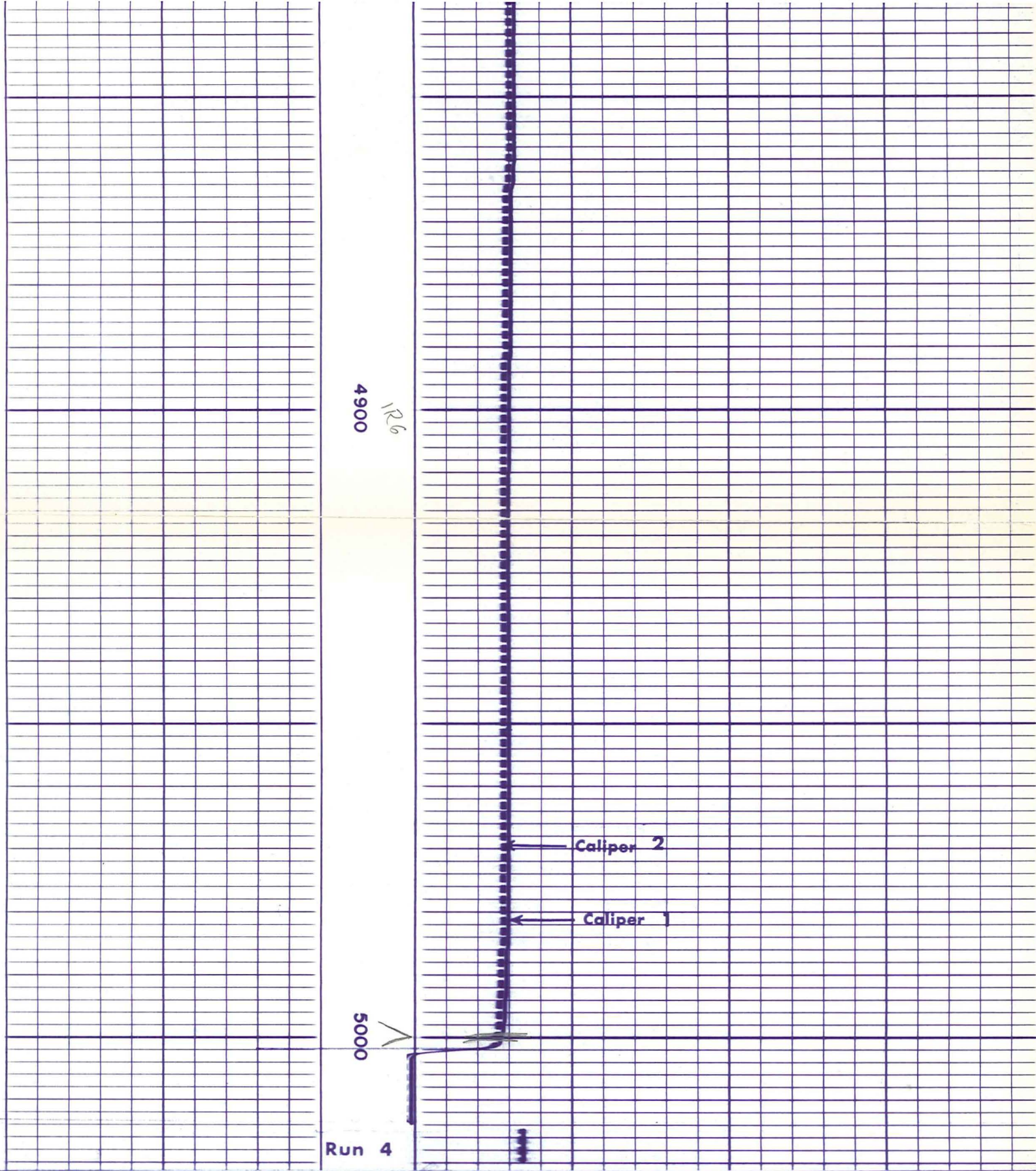
R6



R6
4700

4800

R6
4900



		CALIPER #1	
5	25		45
		CALIPER #2	
5	25		45

	DEPTHS	HOLE SIZE CALIPER INCHES
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COMPANY	AEROJET NUCLEAR - INEL	SCHL FR	5002
WELL	RRGE #1	SCHL TD	5002
FIELD	RAFT RIVER GEOTHERMAL	DRLR TD	5007
COUNTY	CASSIA STATE IDAHO	Elev:	
		KB	----
		DF	----
		GL	4835