



Caliper Log

FILE NO. R-357 **COMPANY** AERO JET NUCLEAR INEL
GL02598 **WELL** RRGE #3
FIELD RAFT RIVER GEOTHERMAL
COUNTY CASSIA **STATE** IDAHO
LOCATION: SE/NW **Other Services**
 DIFL/CN/GR
 CDL/GR/BHC
 AL/CAL
 DIFF TEMP
SEC 25 **TWP** 15S **RGE** 26E

Permanent Datum GROUND LEVEL **Elev.** 4860 **KB** 4878
Log Measured from GROUND LEVEL, 18 **DF** 4876
Drilling Measured from R.K.B. **GL** 4860
 Elevations:

Date	3/30/76	4/17/76	
Run No.	ONE	TWO	
Depth—Driller	1404	4259	
Depth—Logger	1412	4212	
Bottom Logged Interval	1409	4209	
Top Logged Interval	54	1385	
Casing—Driller	20" @ 120	13 3/8@1385GL. @	@
Casing—Logger	140	1385	
Bit Size	17.5	12 1/4"	
Type Fluid in Hole	GEL/CMC/CAUSTIC WATER		

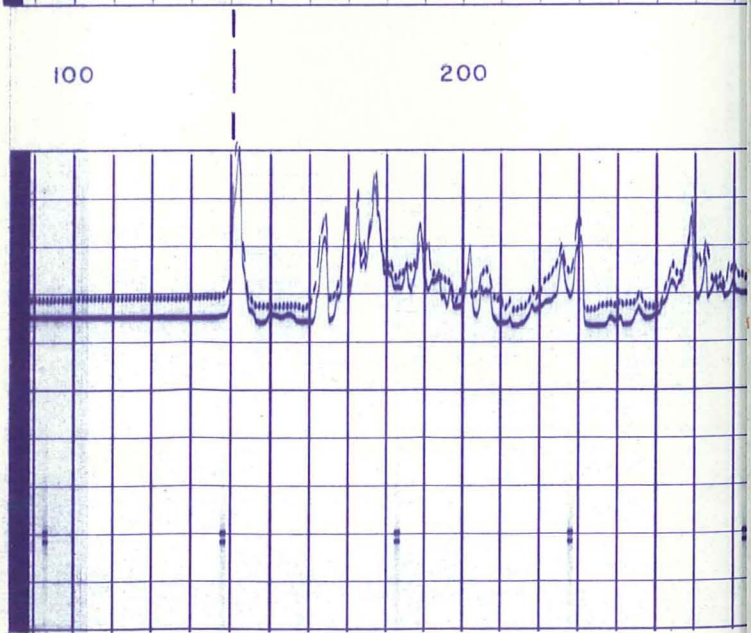
Density and Viscosity	9.1	53				
pH and Fluid Loss	10.5	11.0	cc	cc	cc	cc
Source of Sample	FLOWLINE					
Rm @ Meas. Temp.	4.30@56 °F	3.30@71 °F	@ °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	3.35@56 °F	@ °F	@ °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	5.20@56 °F	@ °F	@ °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	MEASURED M M		@ °F	@ °F	@ °F	@ °F
Rm @ BHT	1.52@158 °F	@130 °F	@ °F	@ °F	@ °F	@ °F
Time Since Circ.	8 HOURS	6 HOURS				
Max. Rec. Temp. Deg. F.	158 °F	130 °F	°F	°F	°F	°F
Equip. No. and Location	6103 FARM	6089 RSVLT				
Recorded By	KUKAL	MCCALL				
Witnessed By	MS. PRESTWICH					

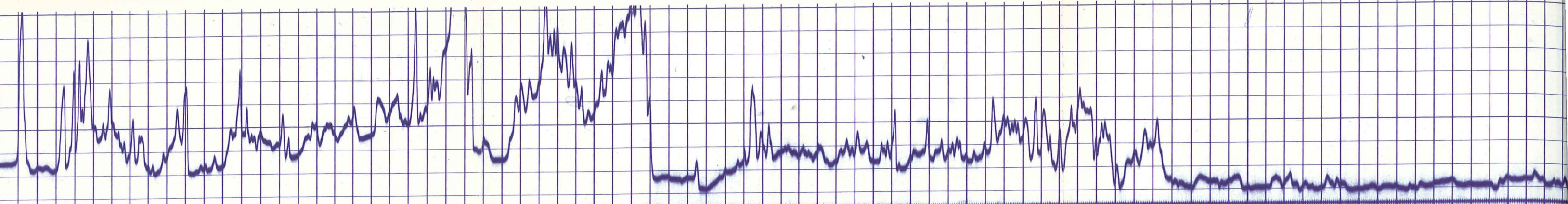
THIS HEADING AND LOG CONFORMS TO API RECOMMENDED STANDARD PRACTICE RP-31

FOLD HERE

Run No.	Equipment Data		Equipment Used		Scale Changes	
	Tool Type	Tool Position	Series No.	Run No.	Depth	Scale Up Hole
ONE	4 ARM-CAL	OPEN	1906	ONE		
TWO	1906-CAL	FREE		TWO		
				40633	41262	
				29712	29712	
				29712	29712	
				SN 3	SN 3	

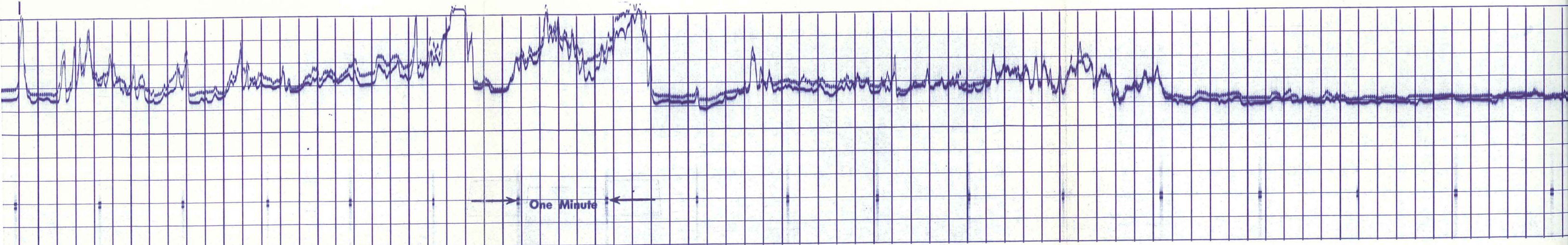
DEPTH	INDIVIDUAL CALIPERS HOLE SHAPE	CALIPER (AVERAGE)	HOLE DIAMETER—INCHES
7			7
9			9
11			11
13			13
15			15
17			17
19			19
21			21
23			23
25			25

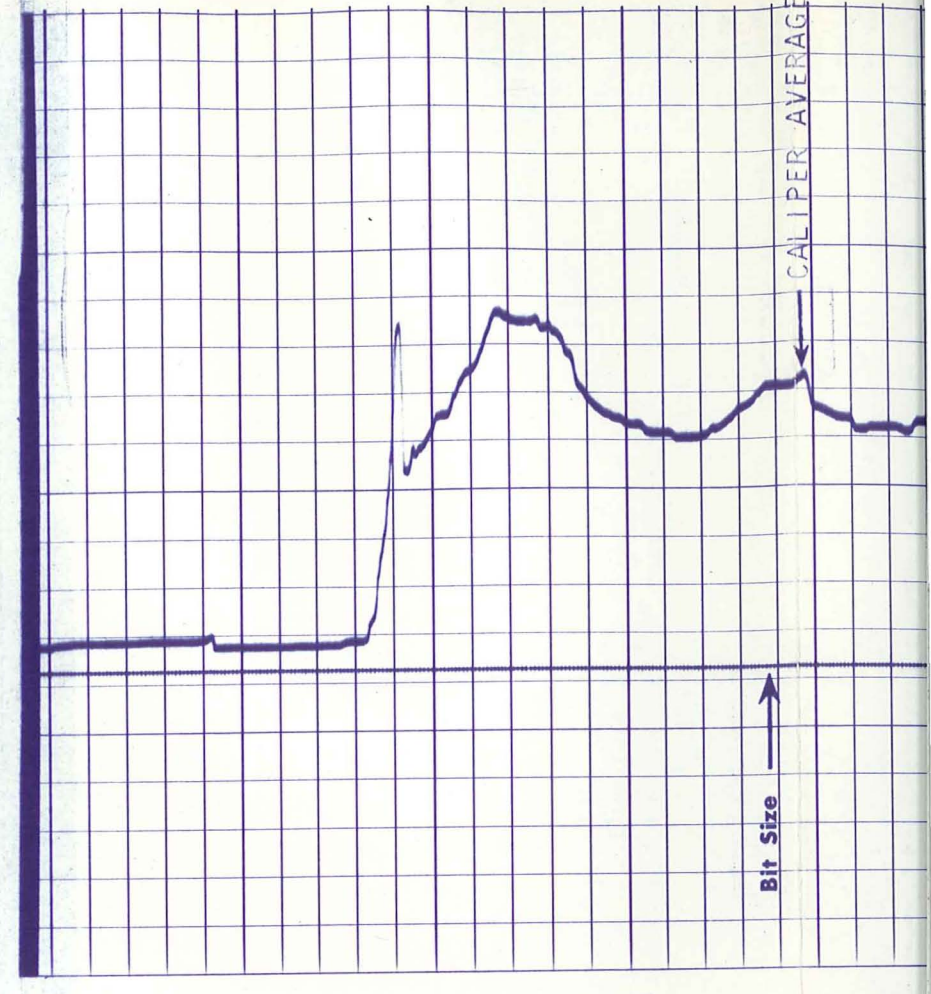
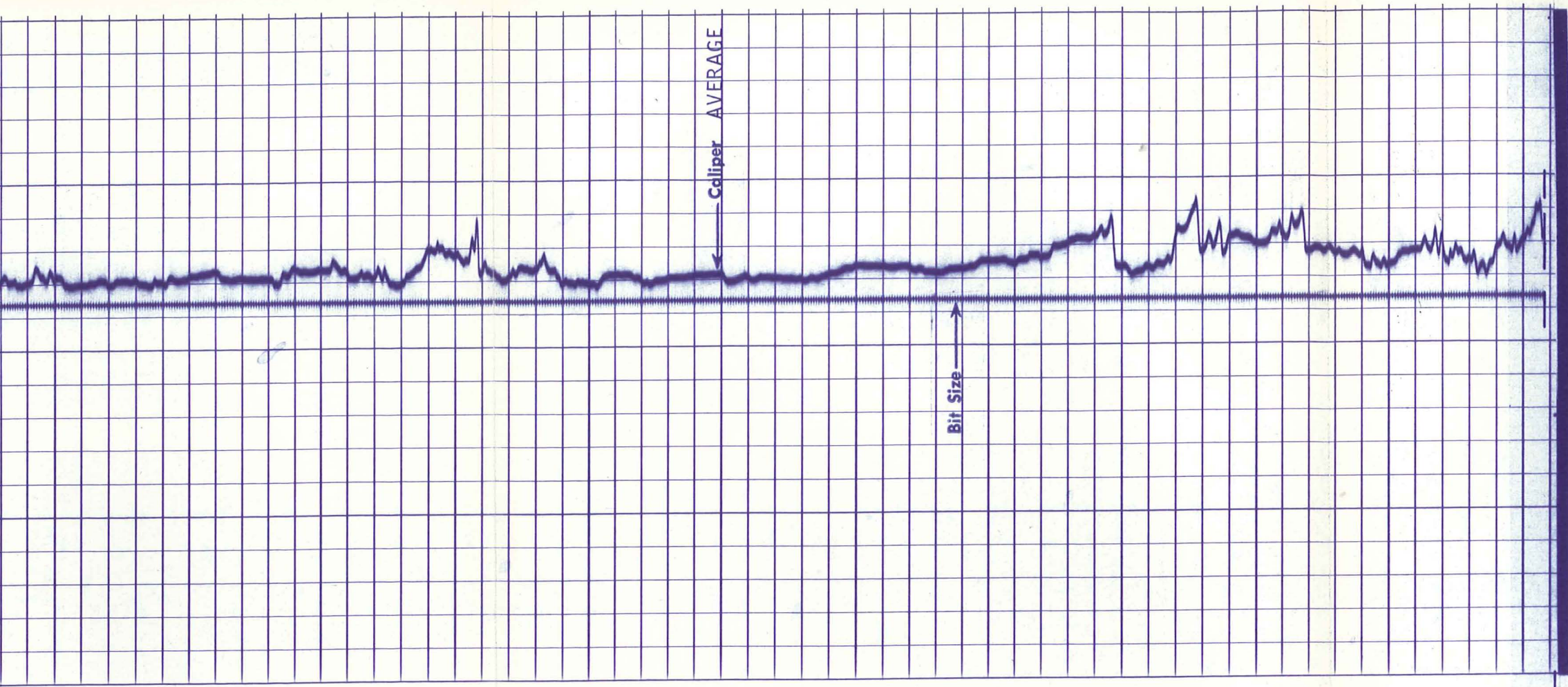




Casing

200 300 400 500 600 700 800 900





900

1000

1100

1200

1300

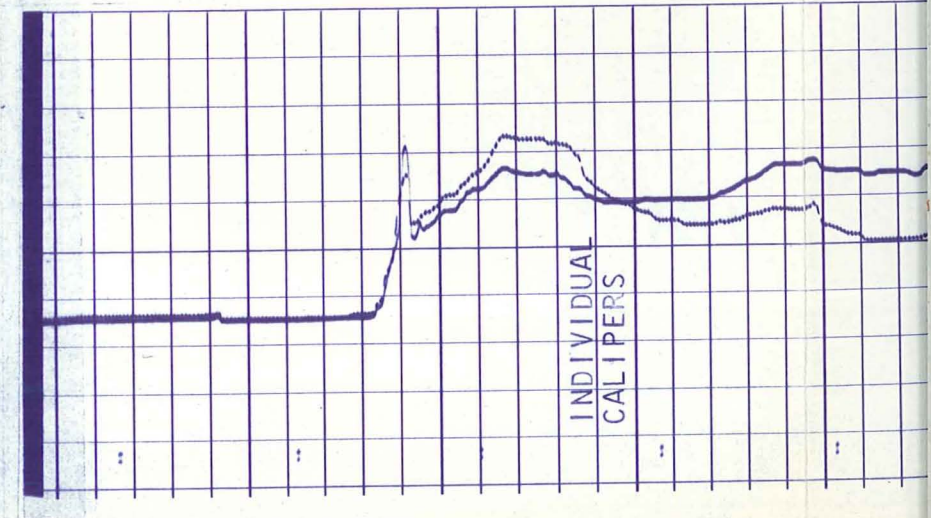
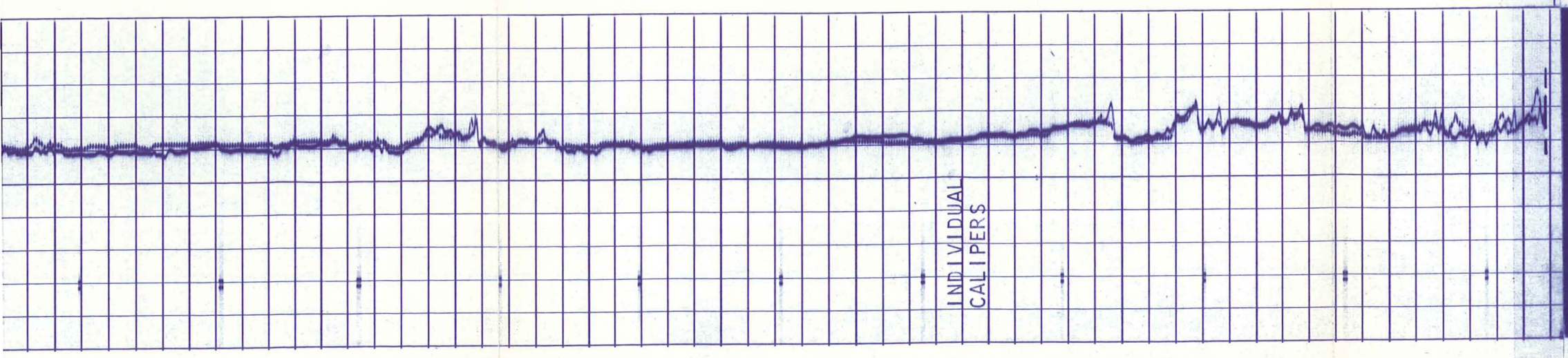
Run 1

1300

Run 2

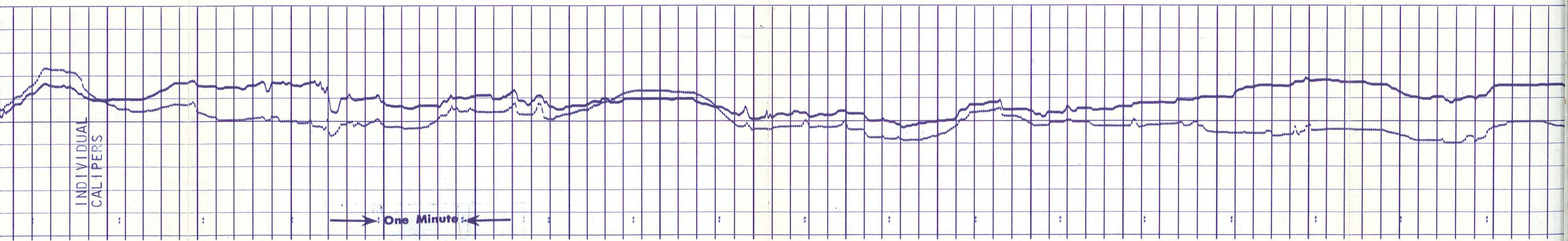
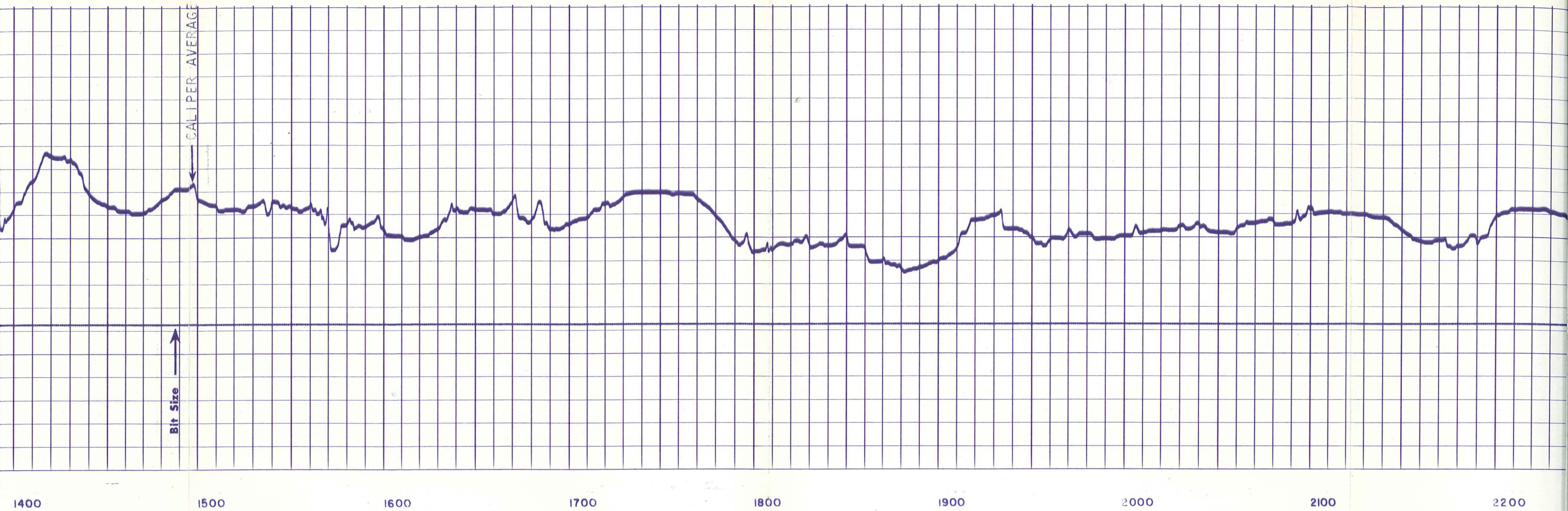
1400

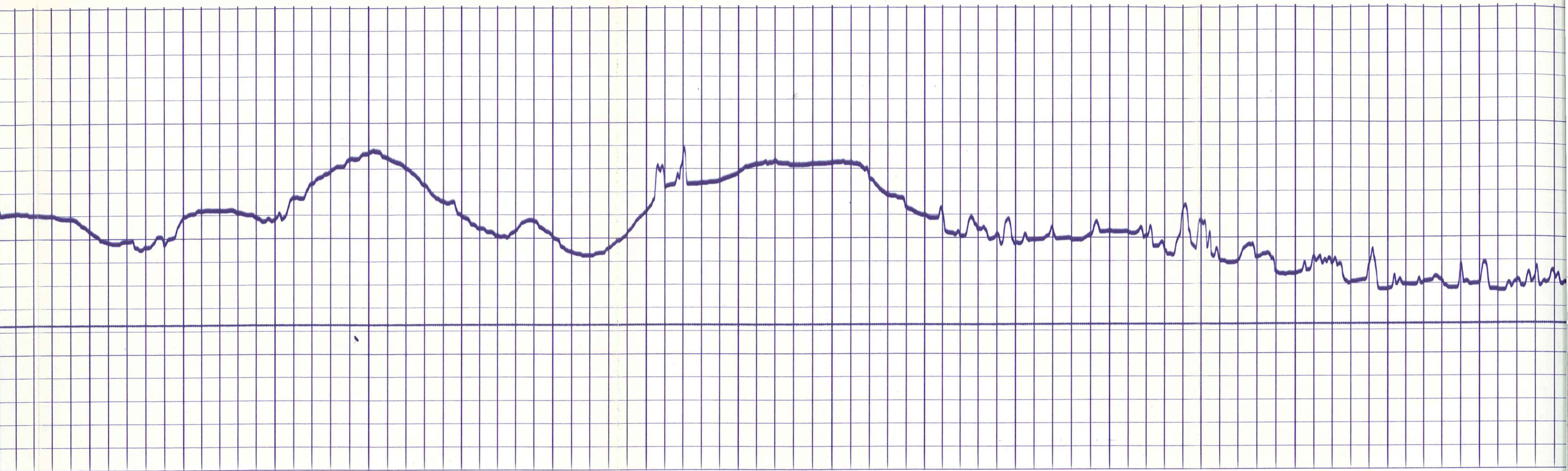
1500



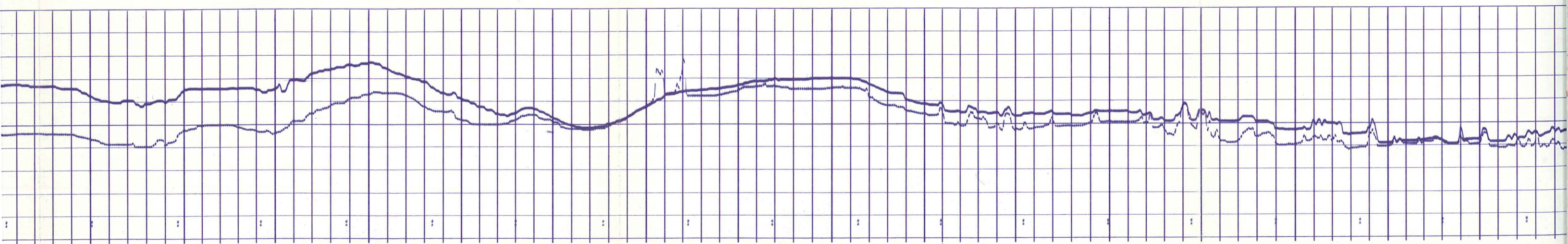
INDIVIDUAL
CALIPERS

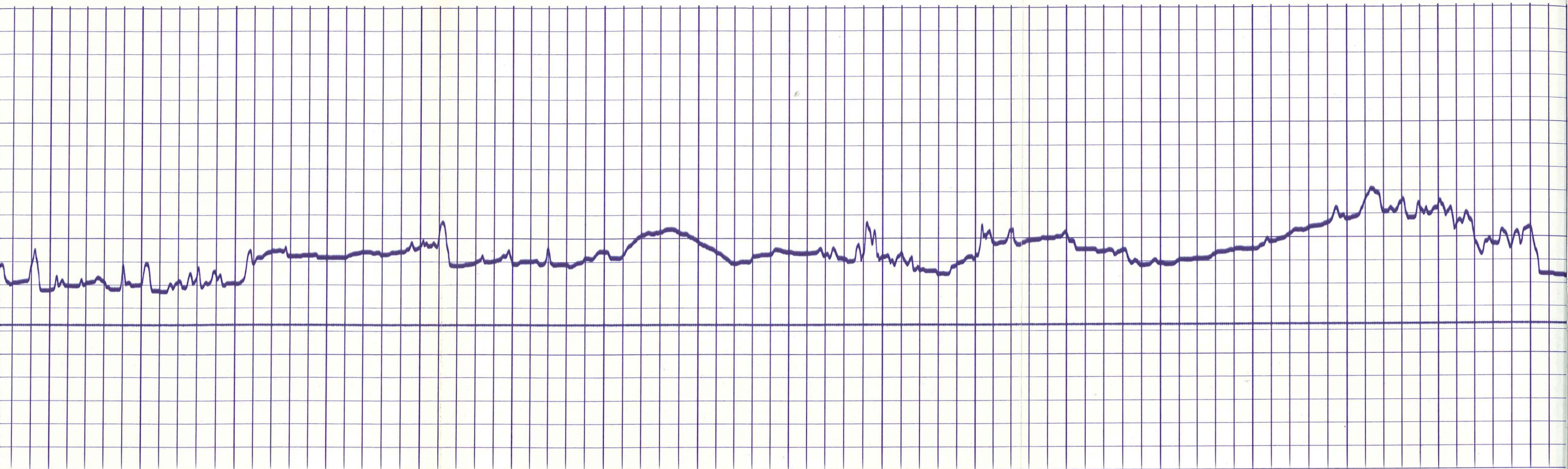
INDIVIDUAL
CALIPERS





2100 2200 2300 2400 2500 2600 2700 2800 2900





2900

3000

3100

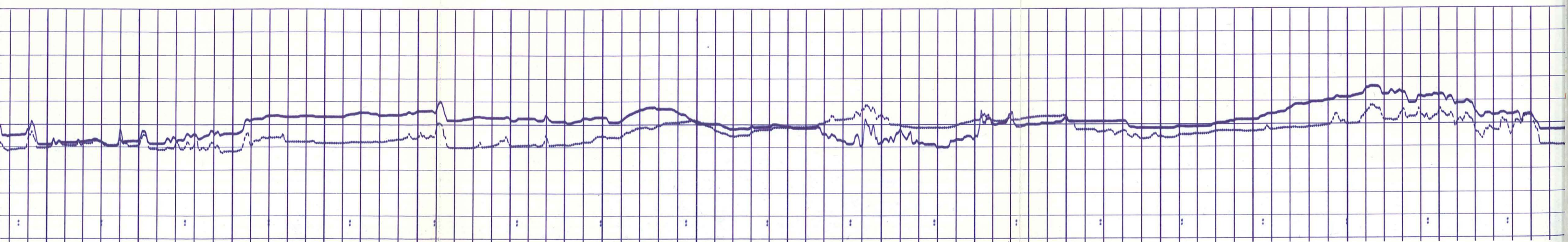
3200

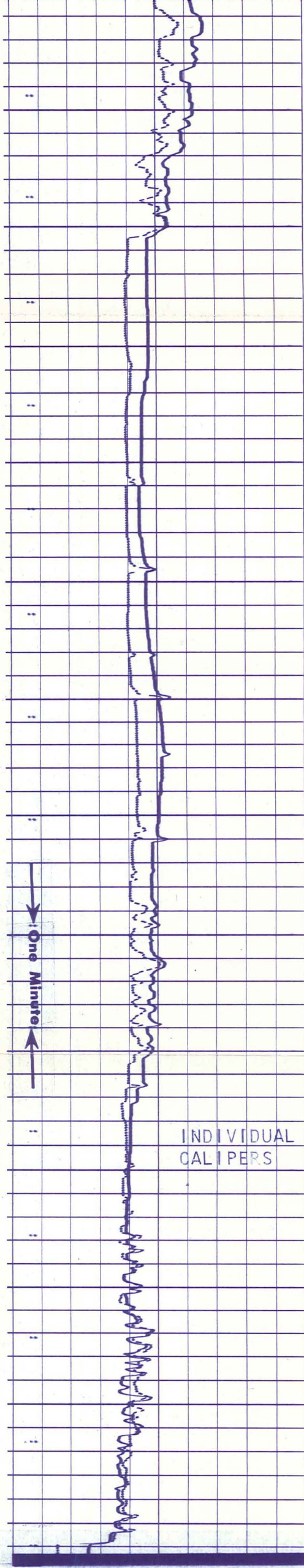
3300

3400

3500

3600

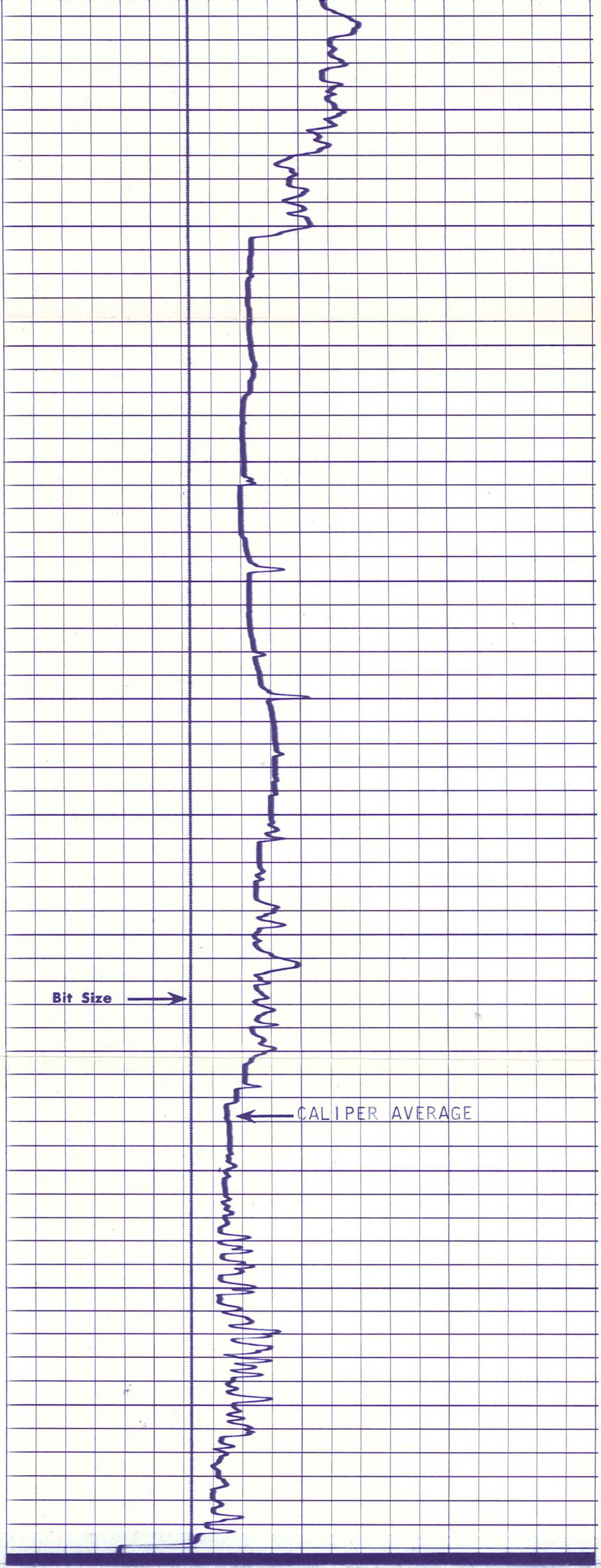




3600
3700
3800
3900
4000
4100
4200

INDIVIDUAL CALIPERS

One Minute



Bit Size

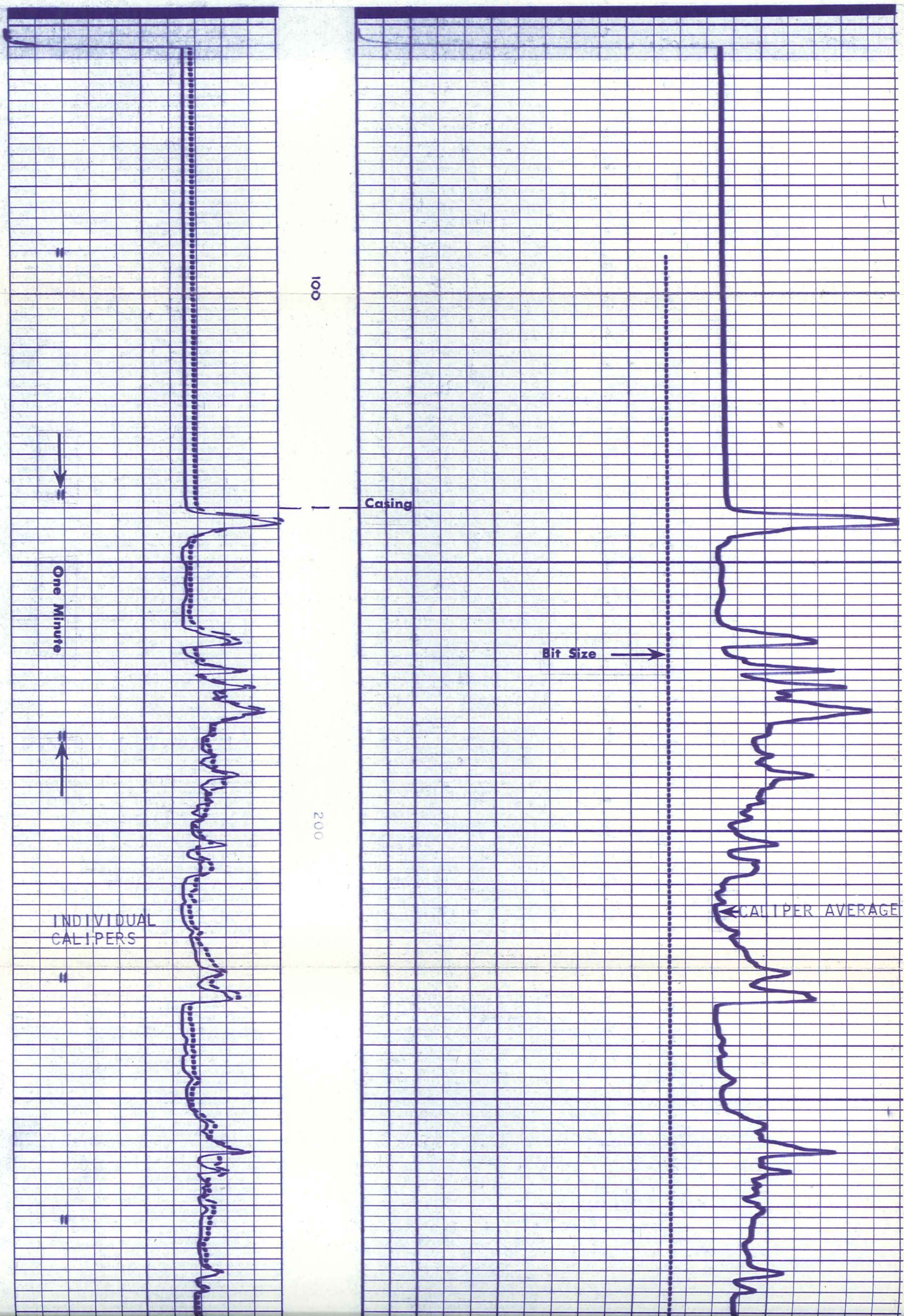
CALIPER AVERAGE

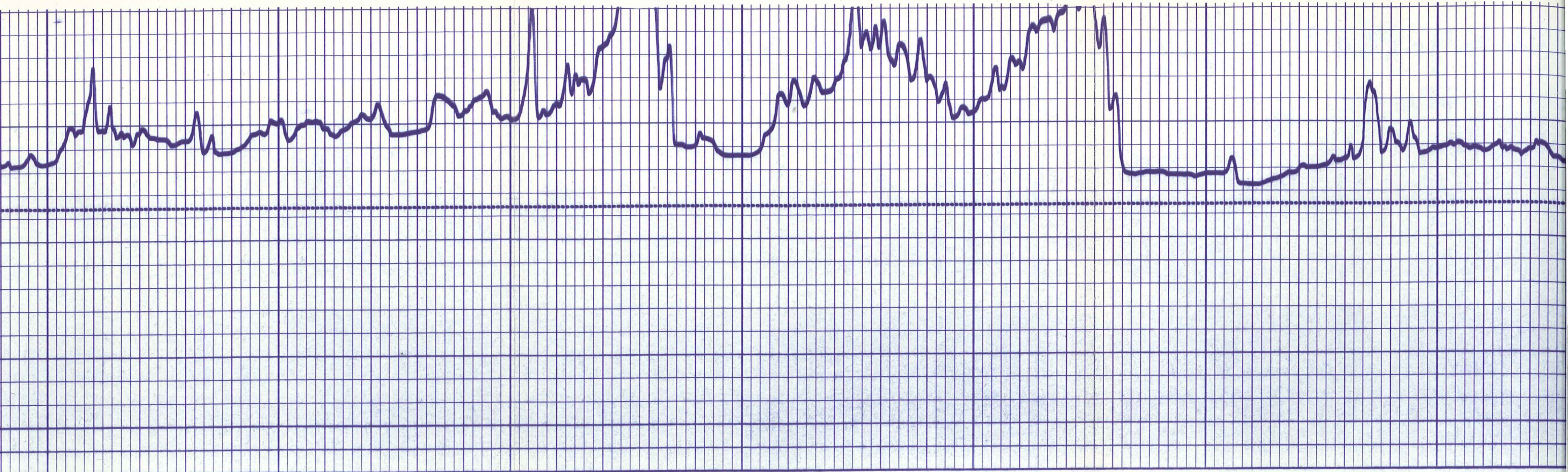
8 10 12 14 16 18 20 22 24
HOLE DIAMETER-INCHES
INDIVIDUAL CALIPERS HOLE SHAPE

7 9 11 13 15 17 19 21 23 25
HOLE DIAMETER-INCHES AVERAGE
CALIPER

DEPTH

HOLE DIAMETER-INCHES		HOLE DIAMETER-INCHES AVERAGE	
INDIVIDUAL CALIPERS HOLE SHAPE	DEPTH	CALIPER	
Company	AERO JET NUCLEAR	Drillers T.D.	4259
Well	RRGE #3	Log F.R.	4209
Field	RAFT RIVER GEOTHERMAL	Log T.D.	4212
County	CASSIA	Elevations:	
State	IDAHO	K.B. 4878	D.F. 4876 G.L. 4860

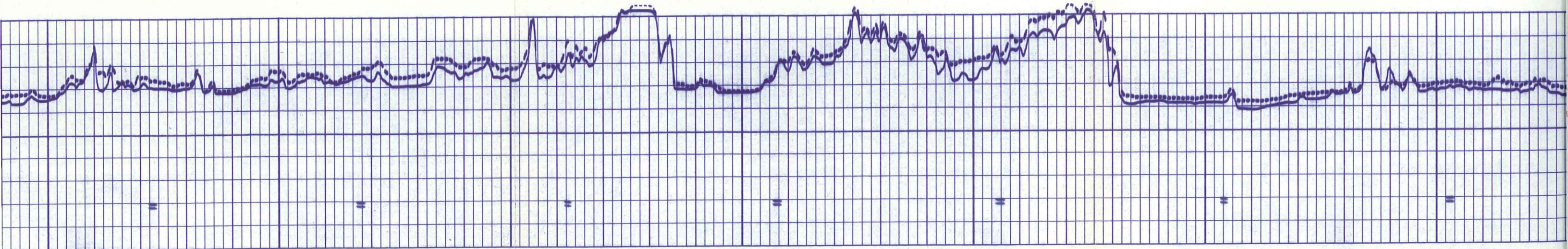


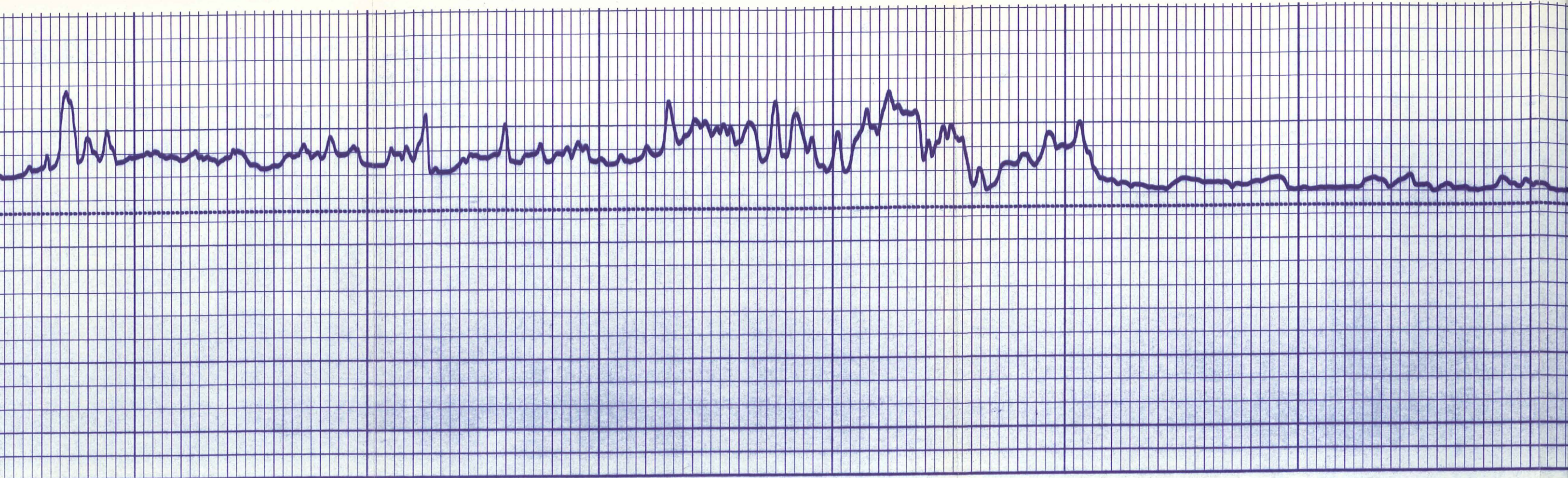


300

400

500

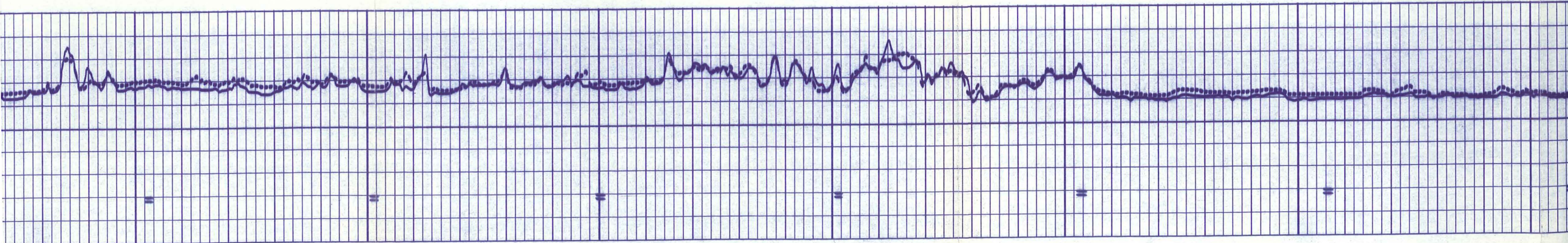


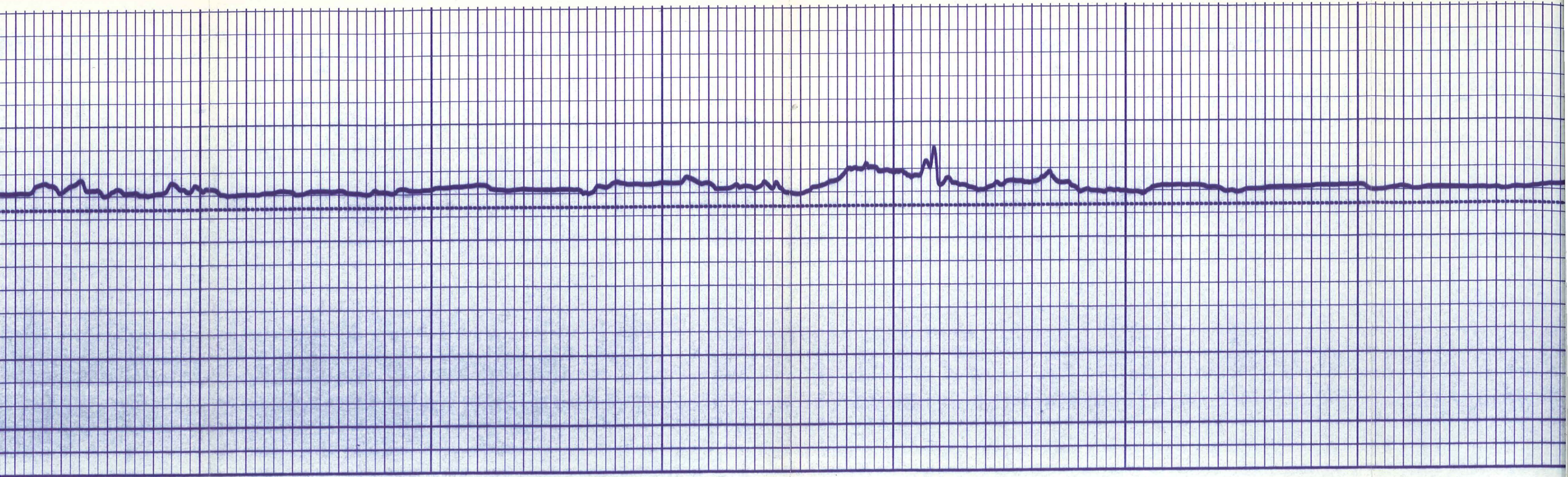


600

700

800

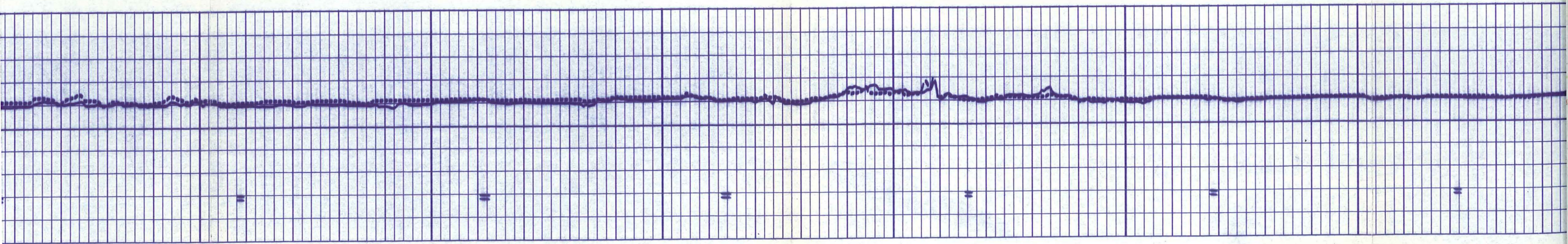


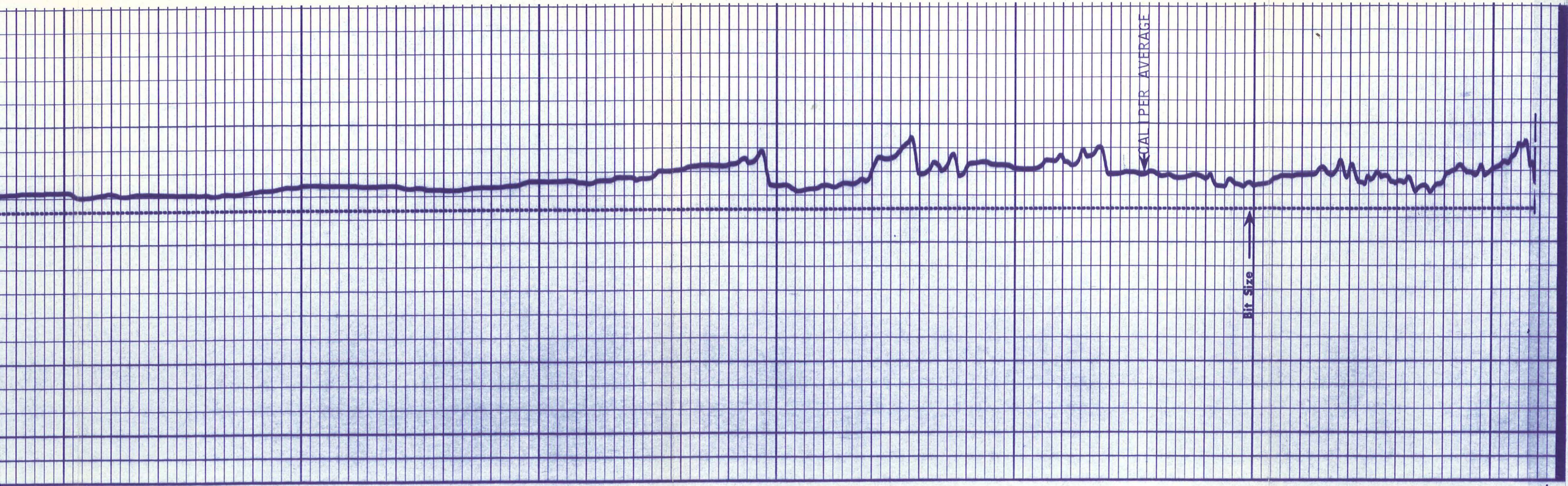


900

1000

1100



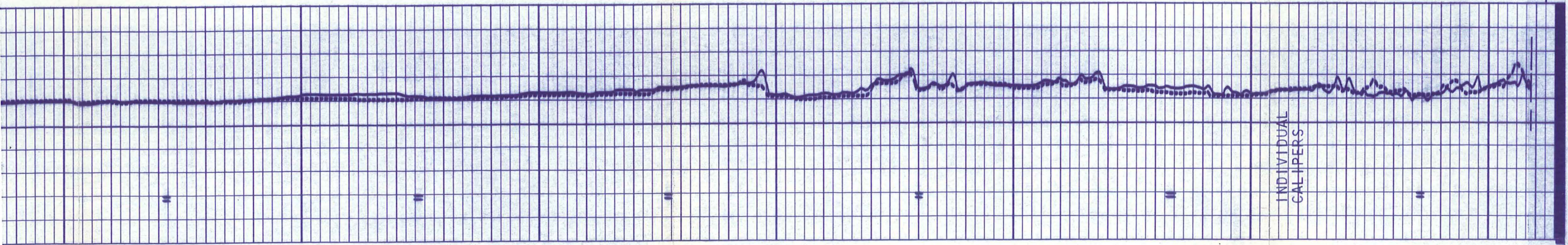


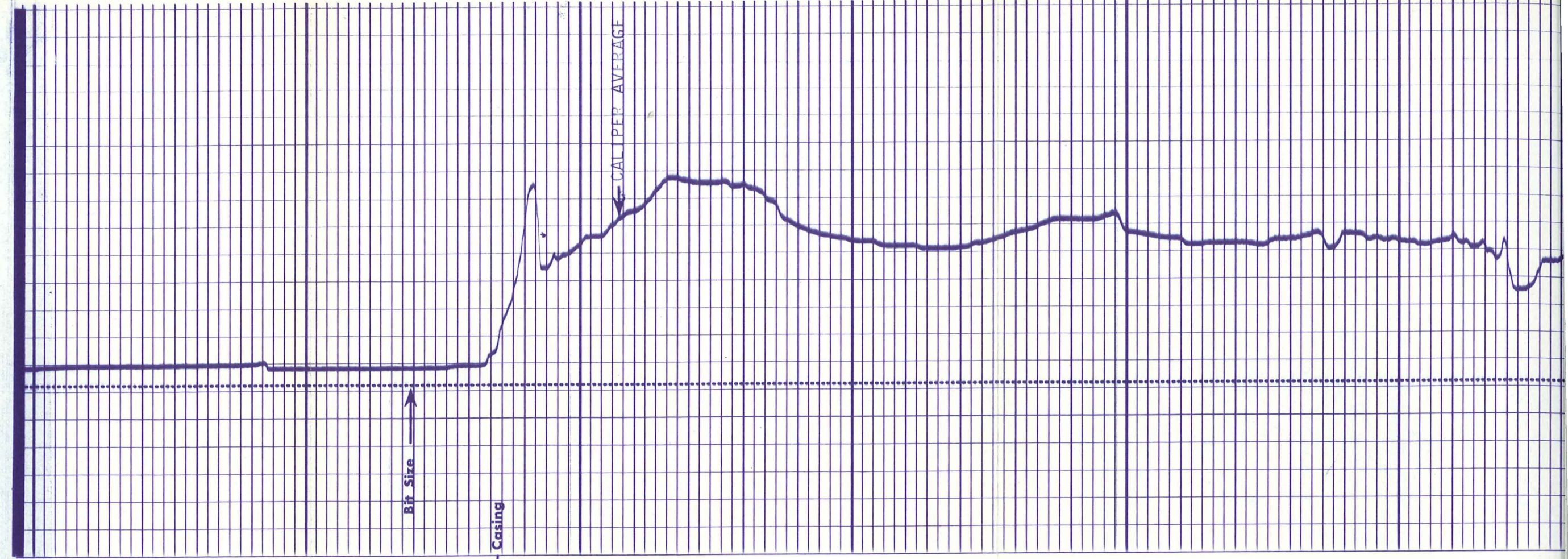
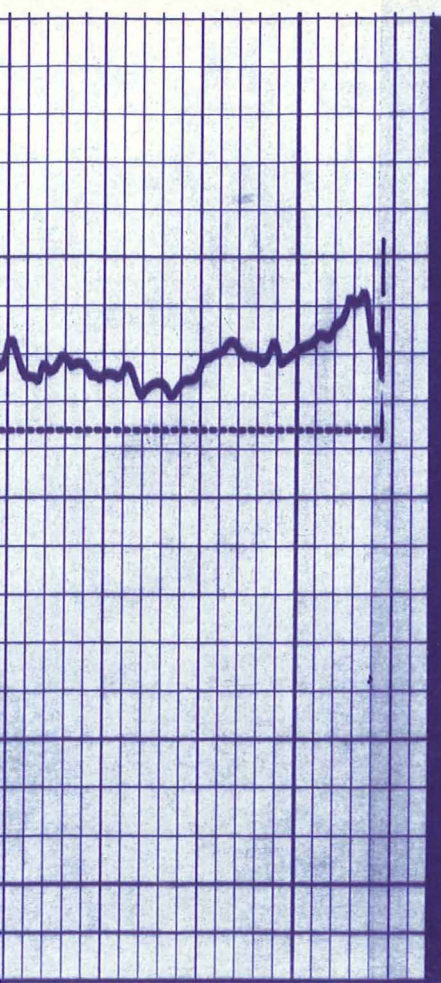
1100

1200

1300

1400
Run 1

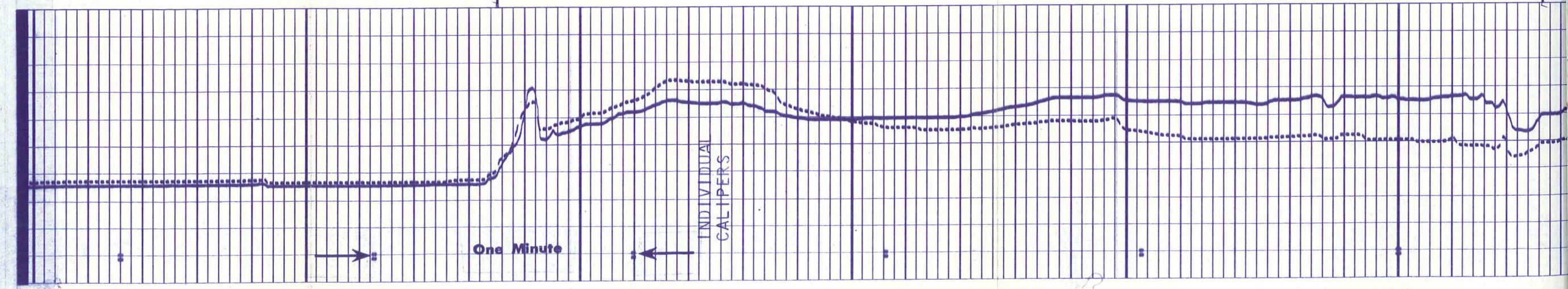
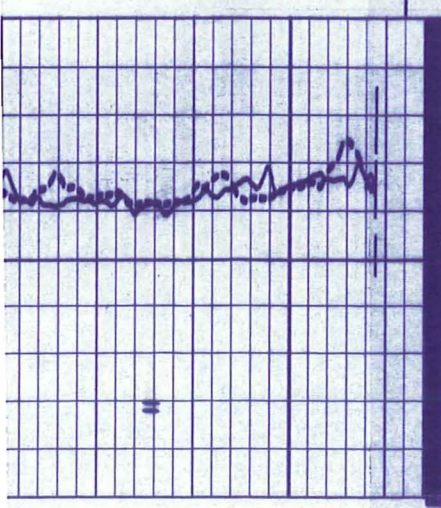




1400 Run 1 ← 300 Run 2

1400

1500



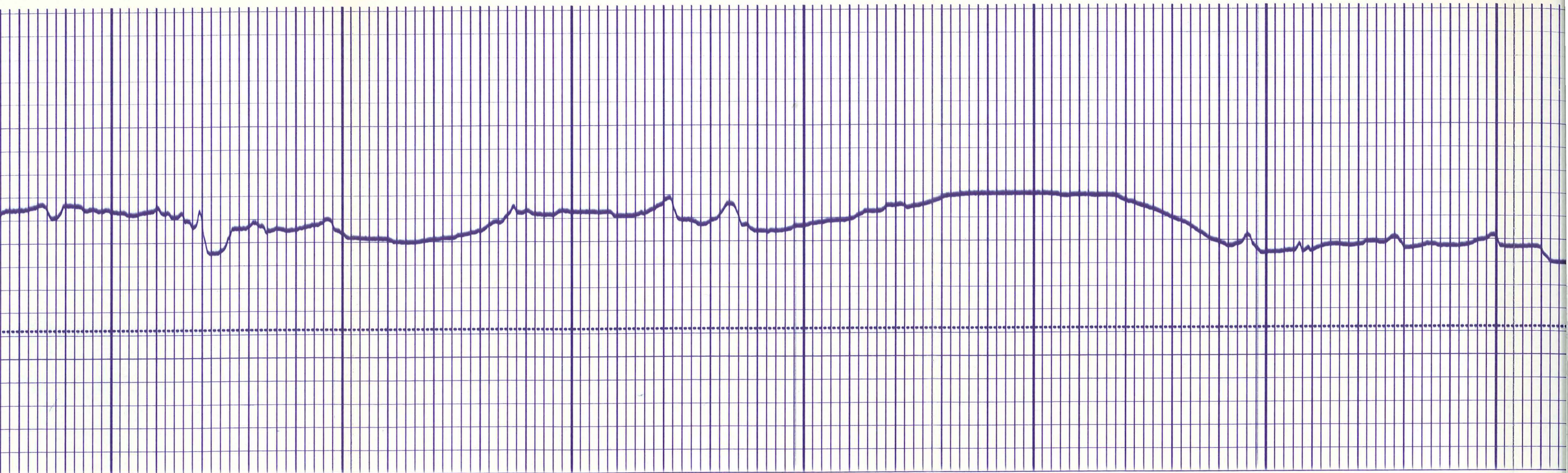
One Minute

INDIVIDUAL CALIPERS

Bit Size

Casing

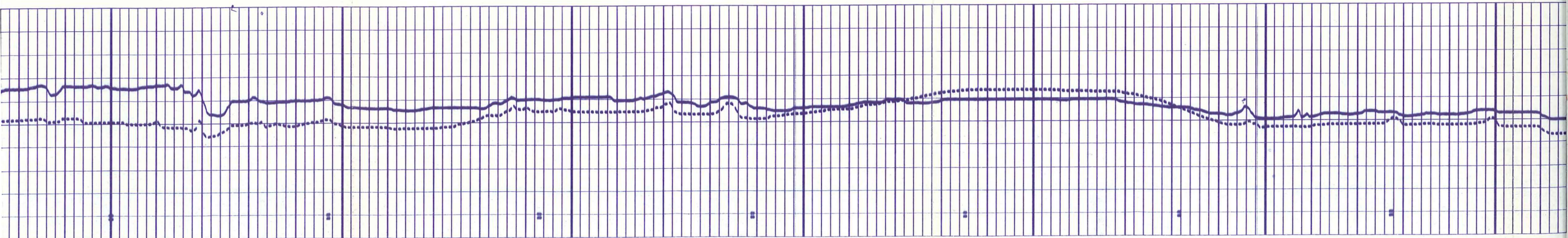
CAL PER AVERAGE

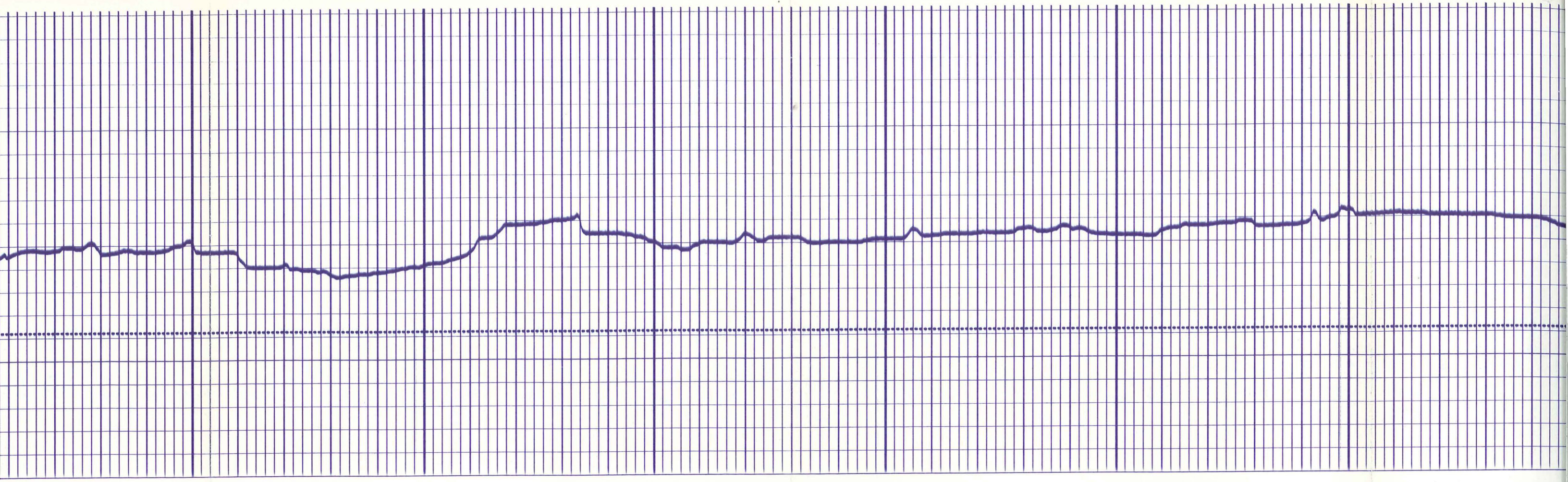


1600

1700

1800

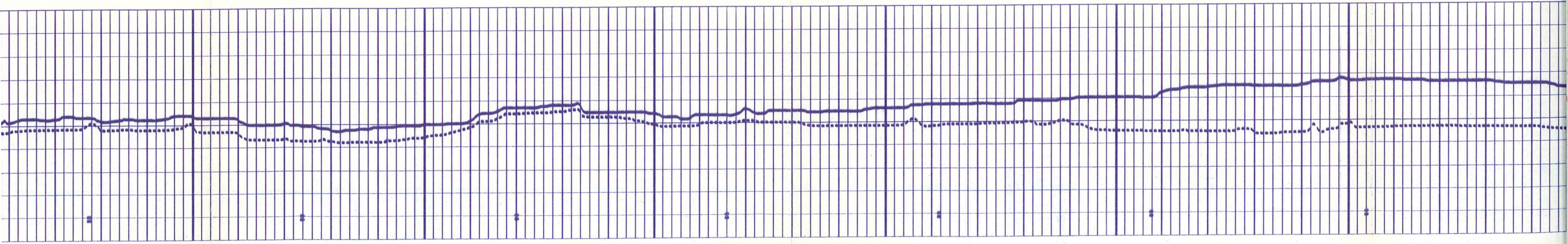




900

1000

2100



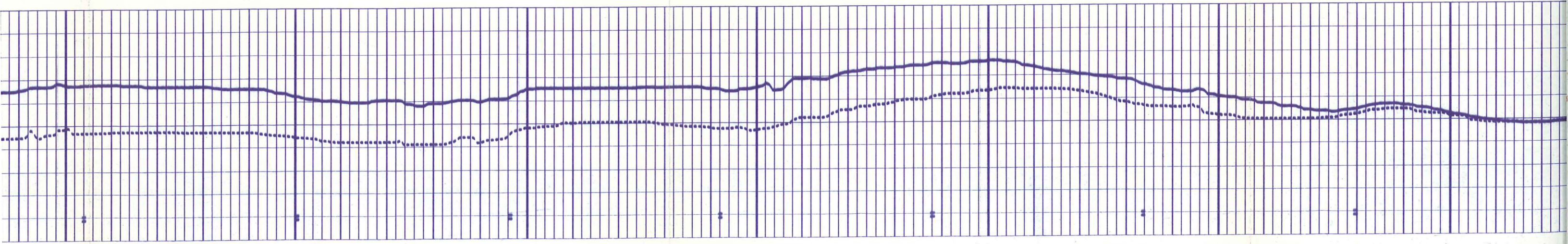


2100

2200

2300

2400



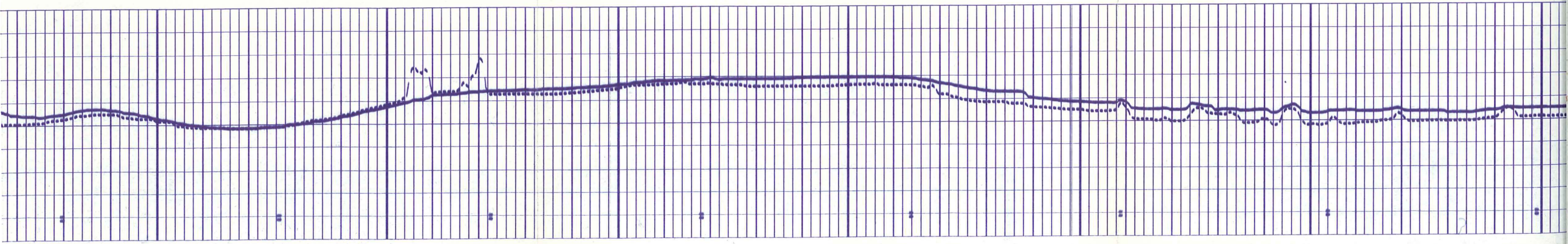


2400

2500

2600

2700

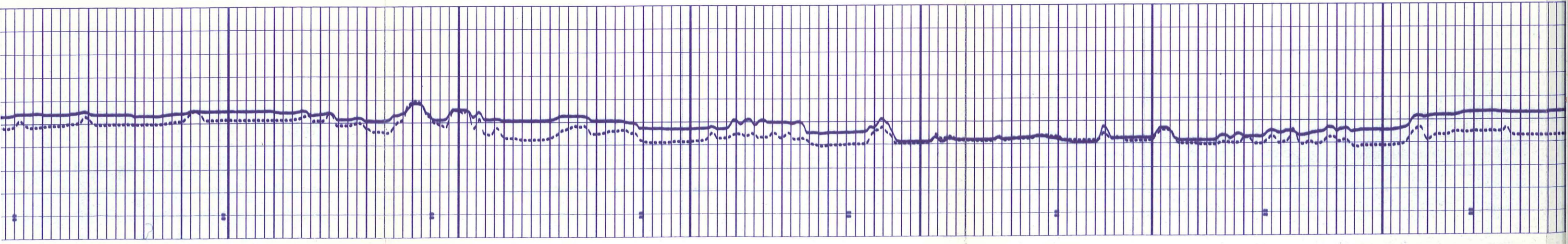


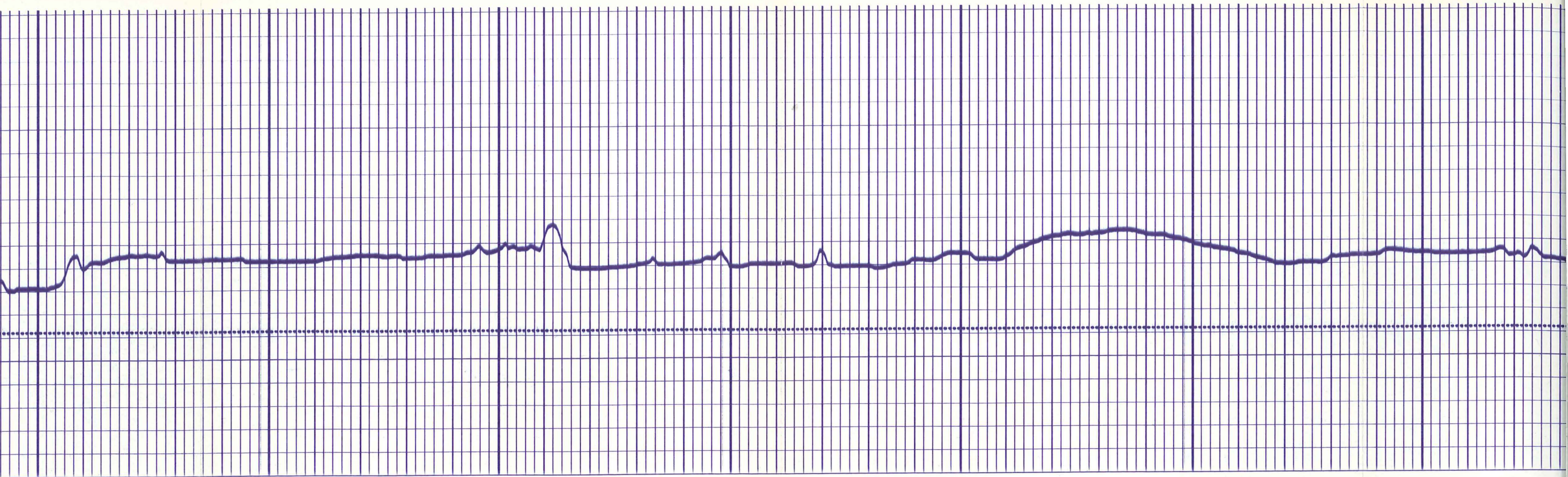


2700

2800

2900



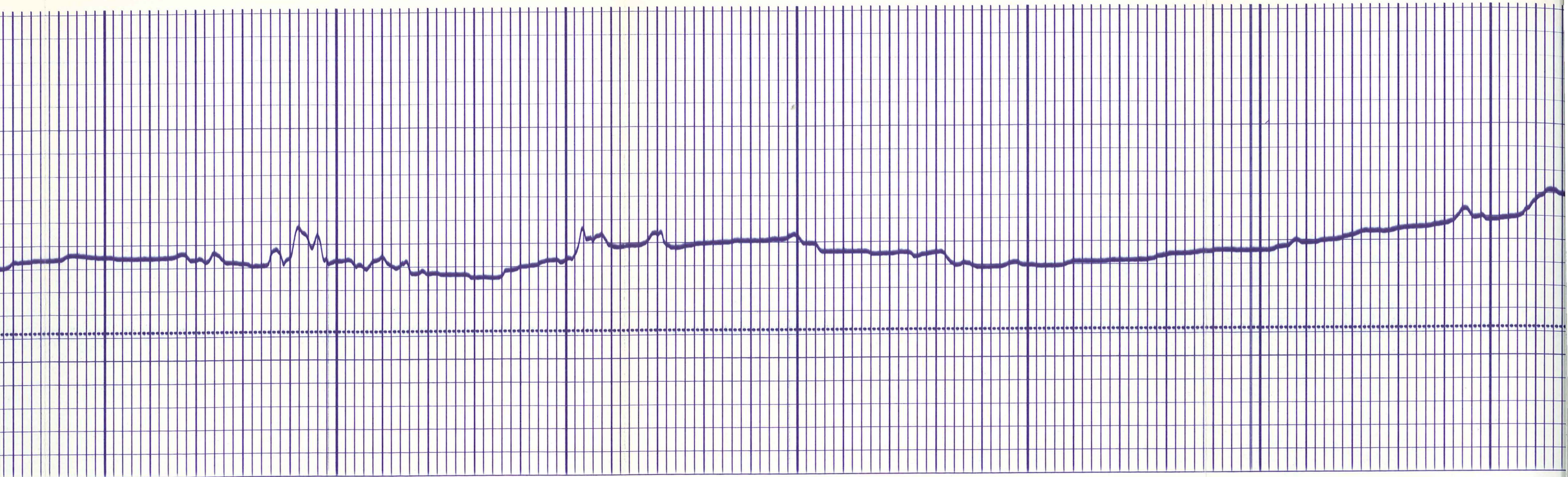


3000

3100

3200

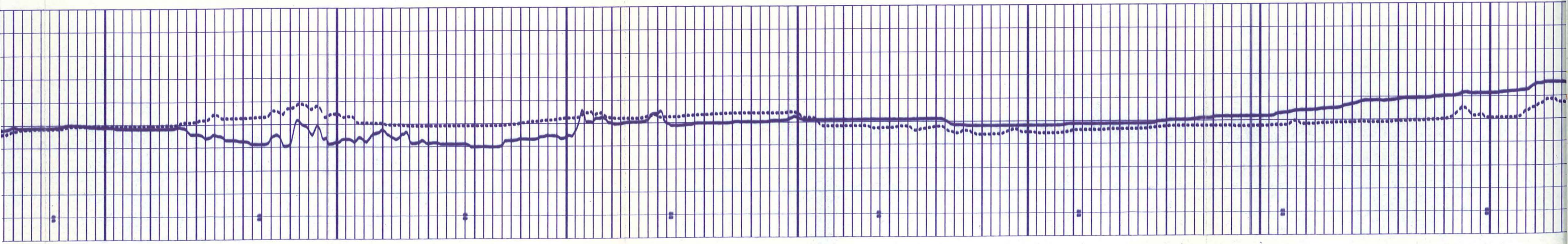


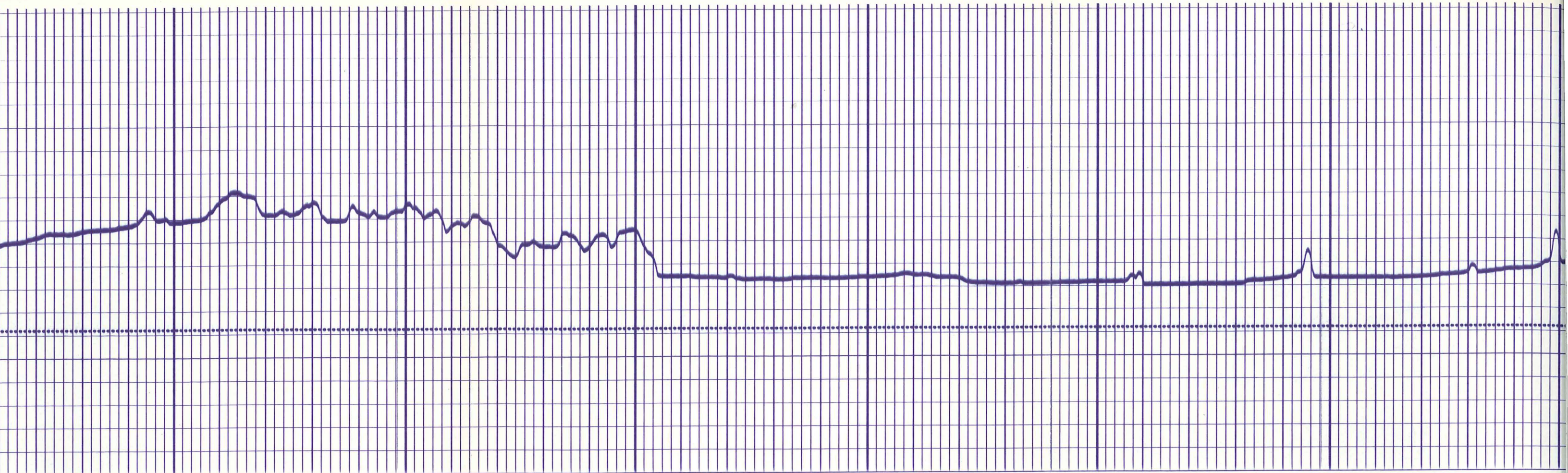


3300

3400

3500

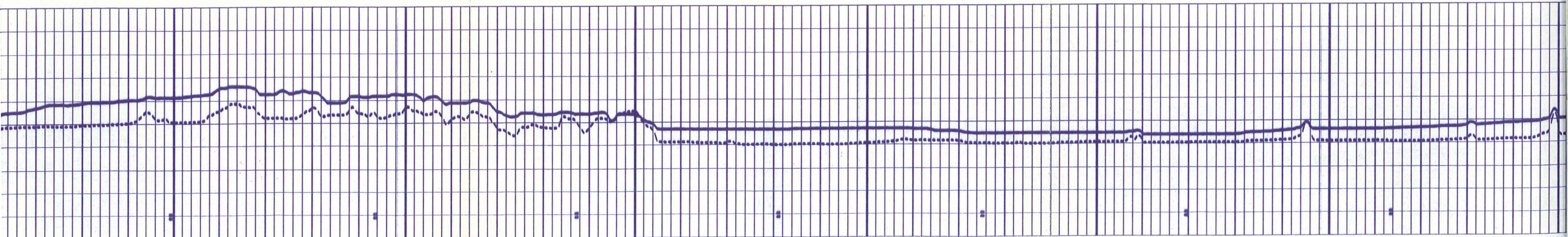


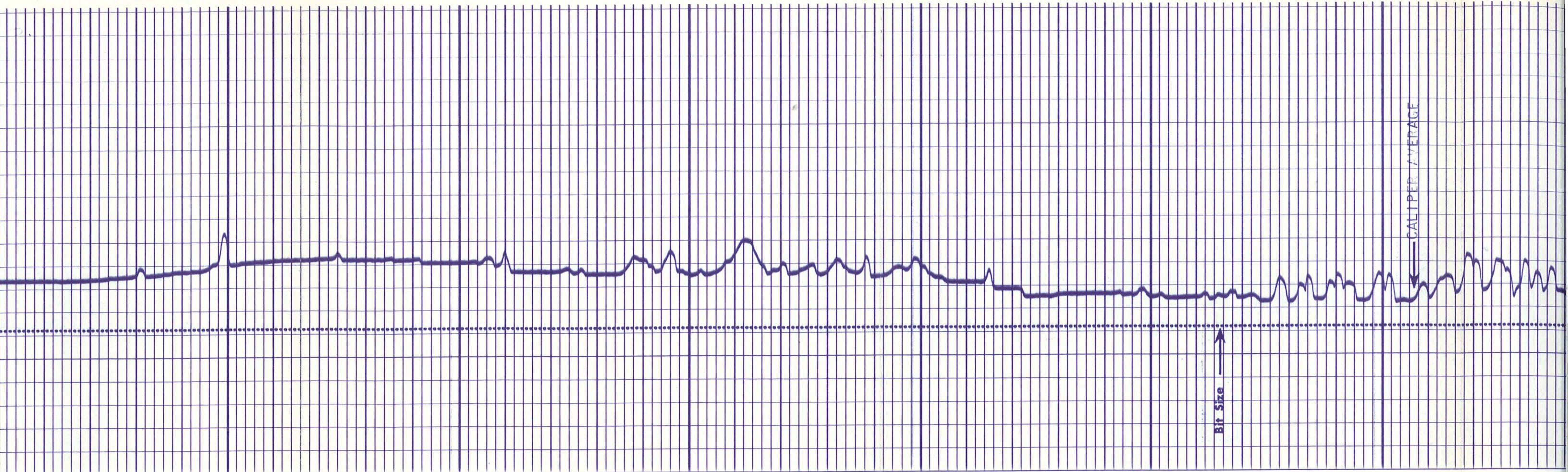


3600

3700

3800

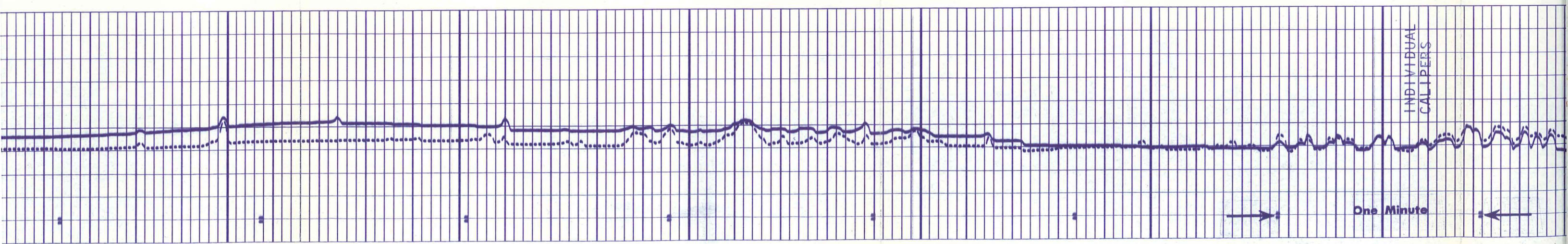




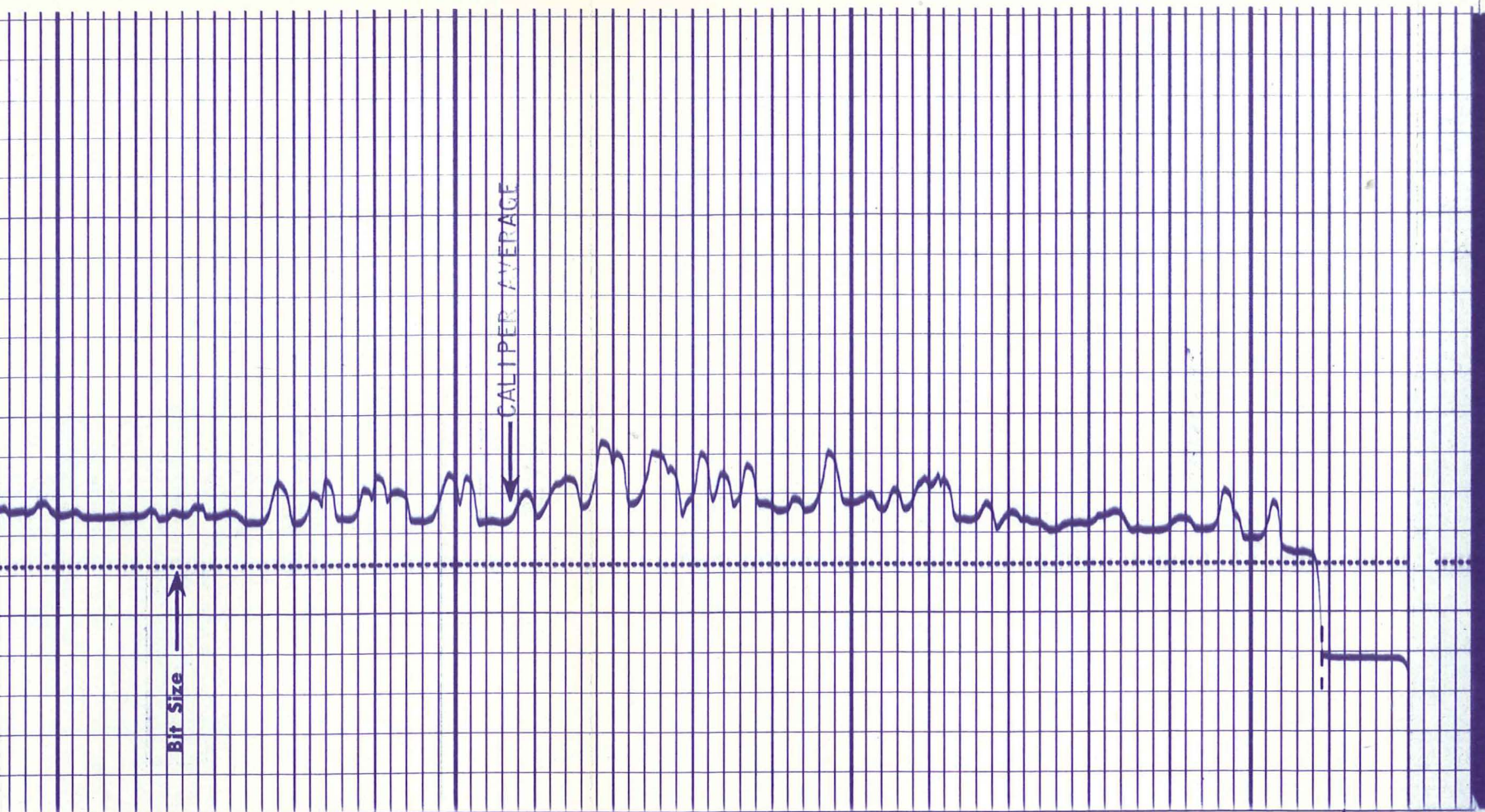
3900

4000

4100

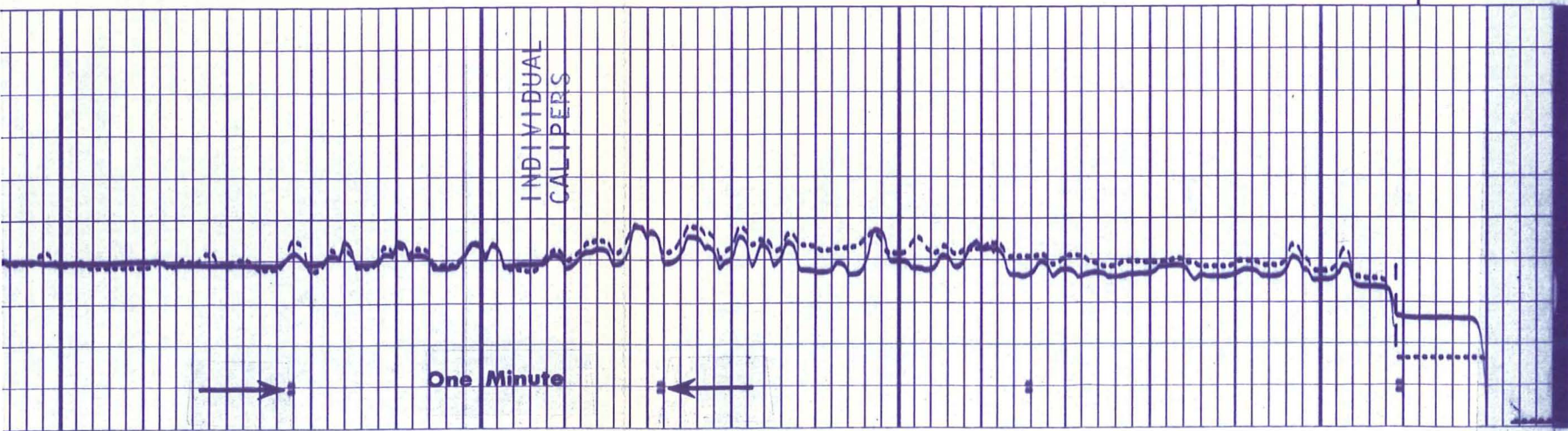


One Minute



4100

4200



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FILE_CAB_15_DRAWER_2