



Dual Induction Focused Log

WITH LINEAR CORRELATION LOG

FILE NO. GL02659

COMPANY E.G. & G. IDAHO INC.

WELL RRGP-5

FIELD RAFT RIVER GEOTHERMAL

COUNTY CASSIA STATE IDAHO

LOCATION:
NE-SW
SEC 22 TWP 155 RGE 26E

Other Services
DIP. TEMPERATURE
4-ARM CALIPER
BHC - GR
CDLC - CDN - GR
EPILOG

Permanent Datum G.L. Elev. 4988
Log Measured from K.B. 14 Ft. Above Permanent Datum
Drilling Measured from K.B.

Elevations:
KB 5002
DF
GL 4988

Date	<u>5/28/78</u>			
Run No.	<u>ONE</u>			
Depth-Driller	<u>3743</u>			
Depth-Logger	<u>3745</u>			
Bottom Logged Interval	<u>3743</u>			
Top Logged Interval	<u>1510</u>			
Casing-Driller	<u>13 3/8 @ 1510'</u>	@	@	@
Casing-Logger	<u>1510</u>			
Bit Size	<u>12 1/4</u>			
Type Fluid in Hole	<u>FLOCCULATED WATER</u>	@	@	@
Density and Viscosity	<u>9.2 32</u>	@	@	@
pH and Fluid Loss		CC	CC	CC
Source of Sample	<u>FLOWLINE</u>			
Rm @ Meas. Temp.	<u>2.31 @ 62 °F</u>	@	@	@
Rmf @ Meas. Temp.	<u>1.7 @ 68 °F</u>	@	@	@
Rmc @ Meas. Temp.	<u>2.8 @ 69 °F</u>	@	@	@
Source of Rmf and Rmc	<u>MEAS MEAS</u>			
Rm @ BHT	<u>0.72 @ 198 °F</u>	@	@	@
Time Since Circ.	<u>10.5 HRS.</u>			
Max. Rec. Temp. Deg. F.	<u>198</u>	°F	°F	°F
Equip. No. and Location	<u>6180 Cody</u>			
Recorded By	<u>J. WARD / L. WISOCK</u>			
Witnessed By	<u>MR. STOKER</u>			

FIELD PRINT

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

REMARKS CONDUCTIVITY WAS LEFT OFF OF 2" FILM
DUAE TO CAMERA FAILURE (WILL BE COLLECTED
WITH USE OF DIGITAL TAPE).

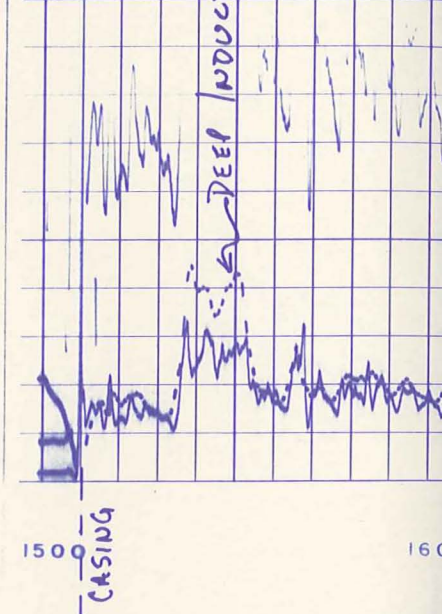
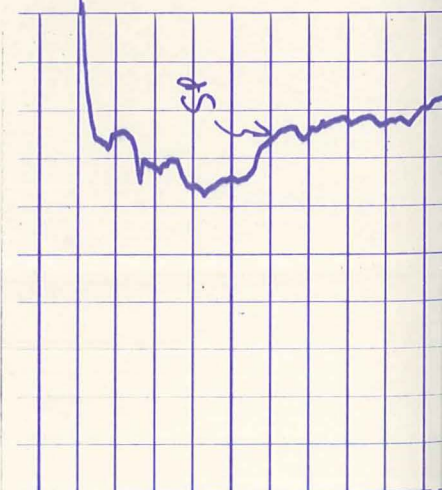
Series No.	<u>1503</u>	Equipment Used	
Run No.	<u>ONE</u>		
S.O.	<u>07829</u>		
Tool No.	<u>37803</u>		
Elec. No.	<u>37803</u>		
Panel No.	<u>31516</u>		
C.S.	<u>160</u>		

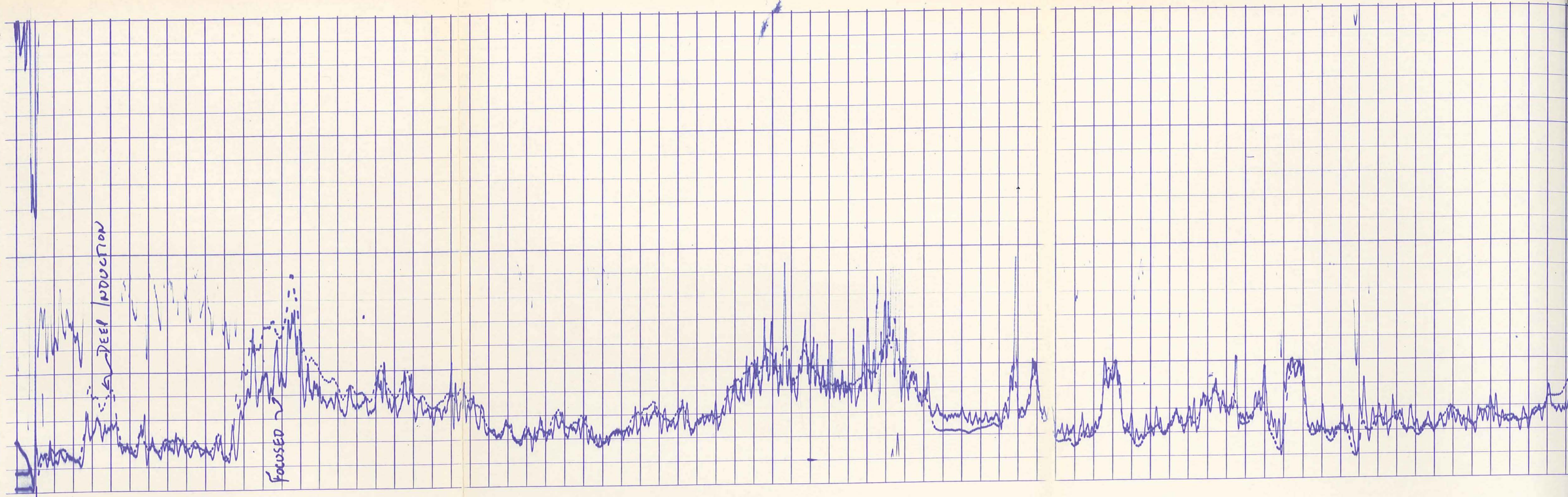
Changes in Mud Type or Additional Samples		Scale Changes	
Date	Sample No.	Scale Up Hole	Scale Down Hole
Depth-Driller			
Type Fluid in Hole			
Dens.	Visc.		
pH	Fluid Loss		
Source of Sample			
Rm @ Meas. Temp.	°F	Tool Type	Tool Position
Rmf @ Meas. Temp.	°F	<u>1503 DIFL</u>	<u>1 1/2" S.O.</u>
Rmc @ Meas. Temp.	°F		
Source Rmf Rmc			
Rm @ BHT	°F		
Rmf @ BHT	°F		
Rmc @ BHT	°F		

SPONTANEOUS POTENTIAL	Millivolts
	- + 10 mV

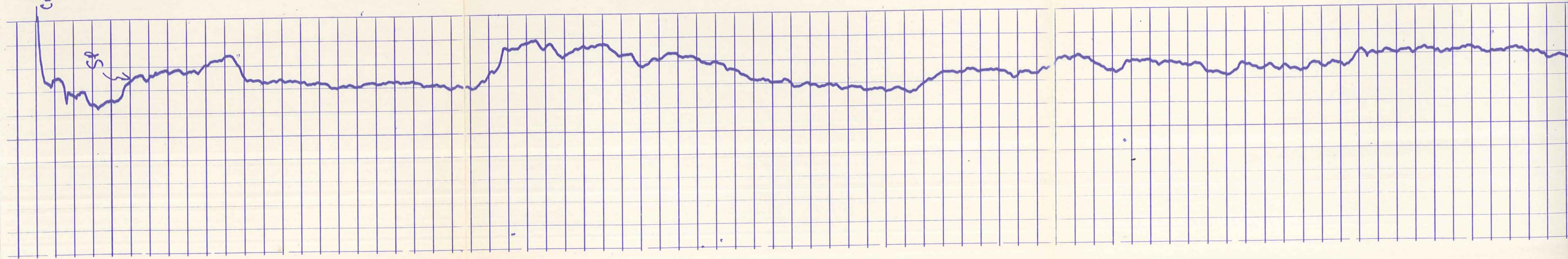
RESISTIVITY	Ohms m ² /m
SHALLOW FOCUSED LOG	0 20 200
DEEP INDUCTION LOG	0 20 200

DEPTH	
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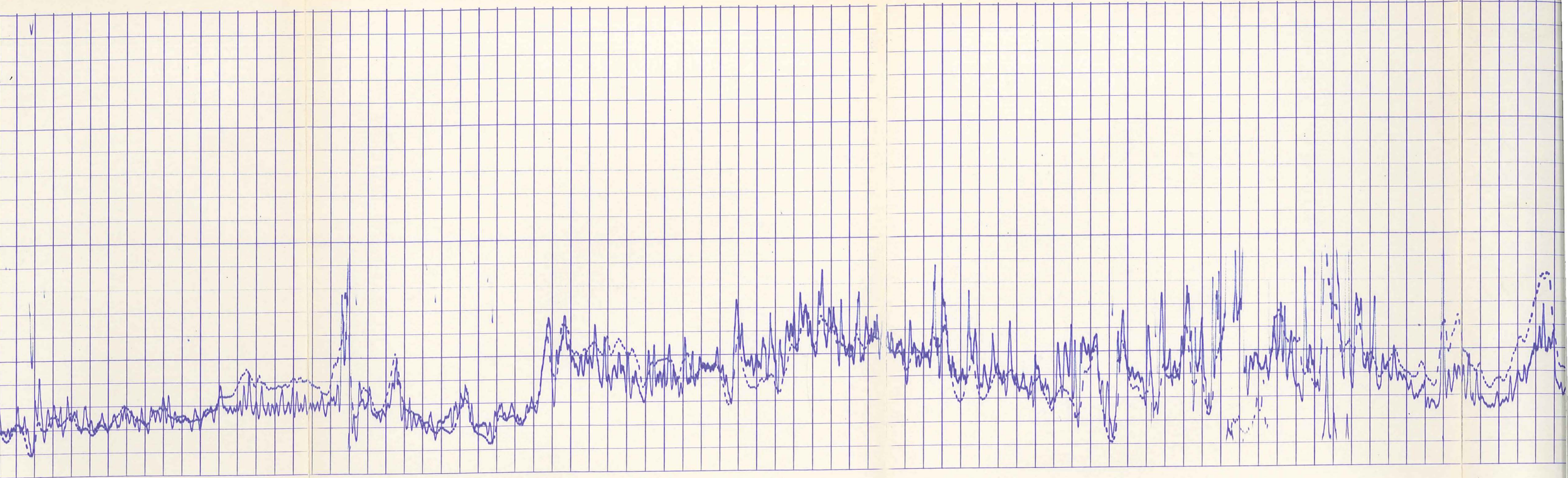




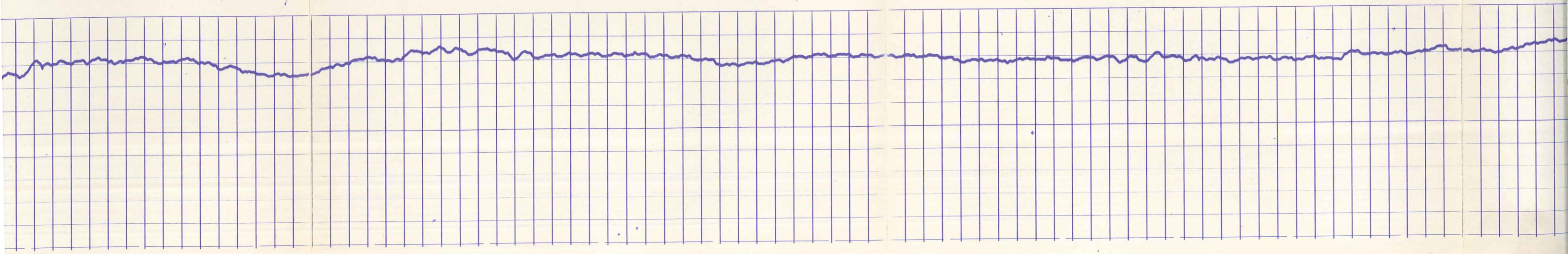
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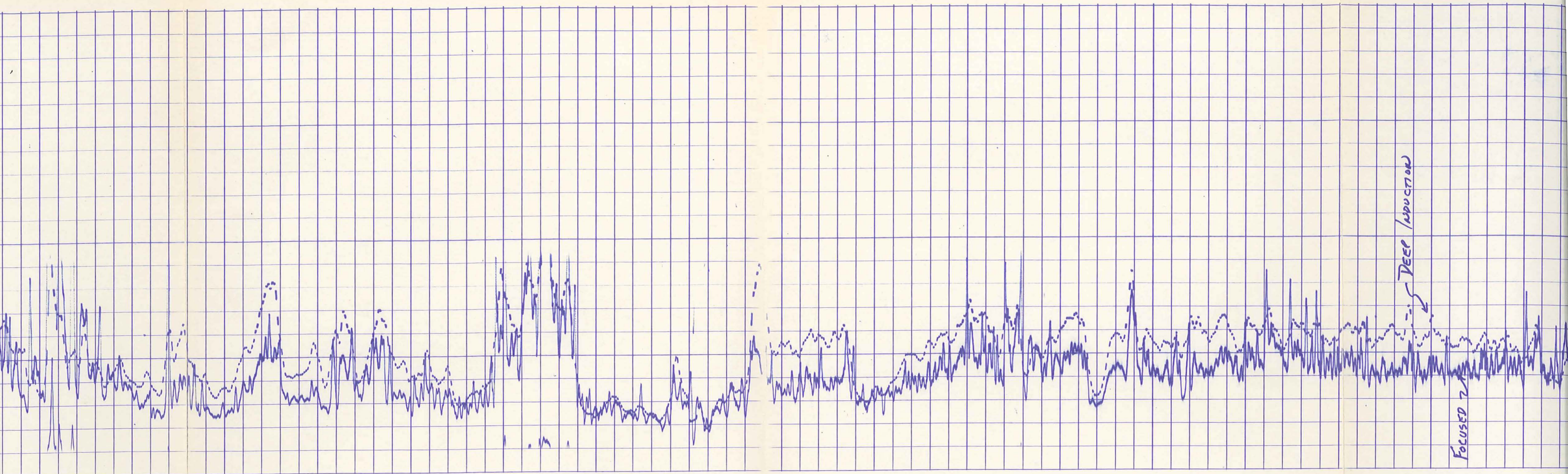


1500 1600 1700 1800 1900 2000 2100 2200 2300



2200 2300 2400 2500 2600 2700 2800 2900 3000





2900

3000

3100

3200

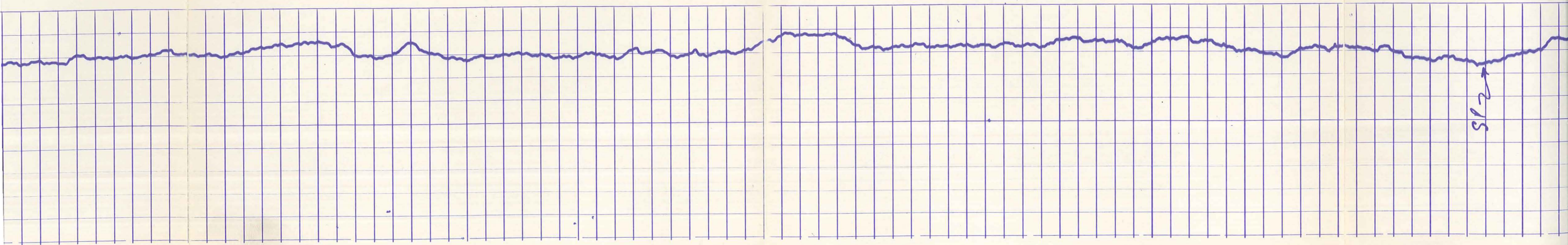
3300

3400

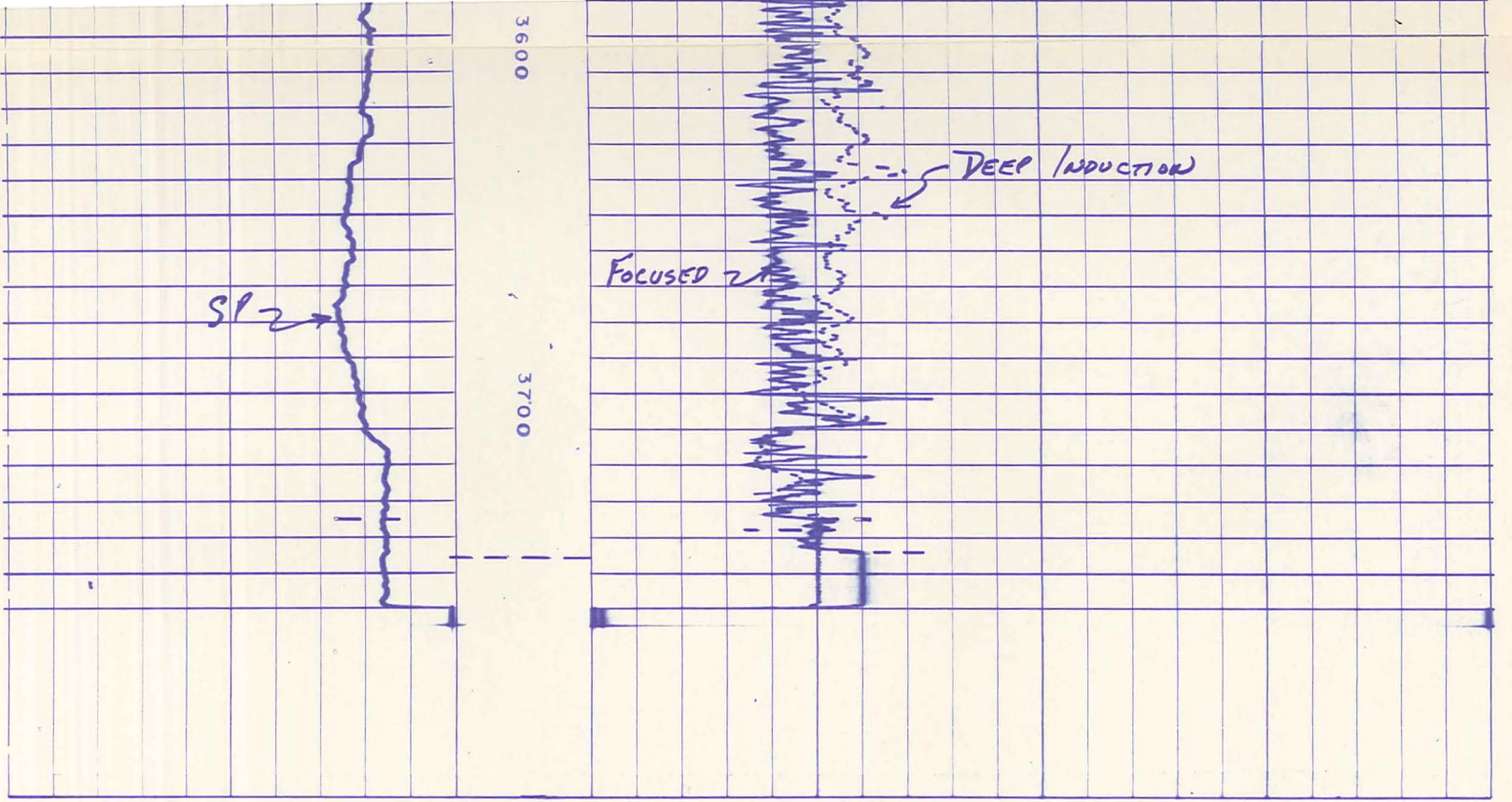
3500

3600

3700



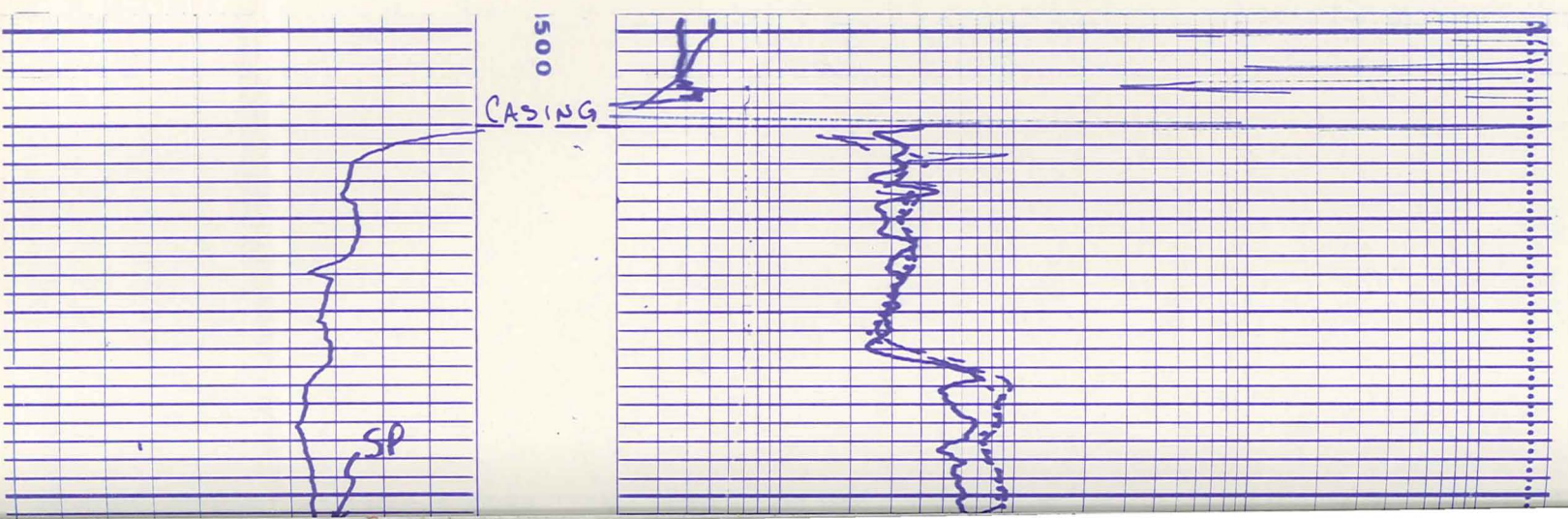
SL-2

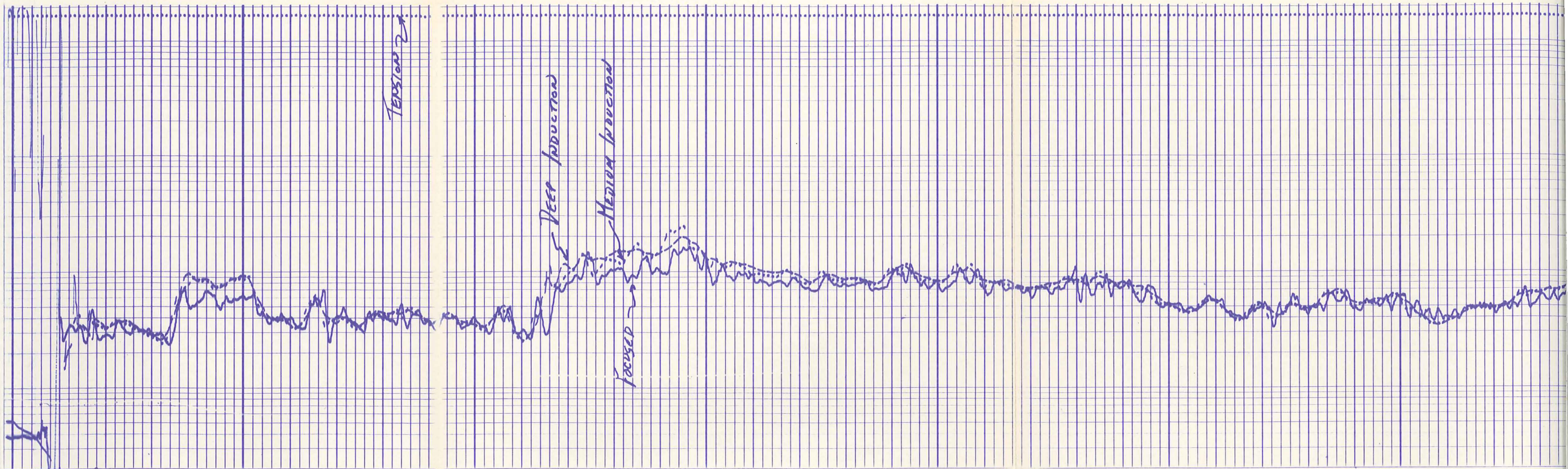


		DEEP INDUCTION LOG SHALLOW FOCUSED LOG	
SPONTANEOUS POTENTIAL Millivolts	DEPTH	RESISTIVITY Ohms m ² /m	
Company <i>E.G. & G. IDAHO INC.</i> Well <i>RRGP-5</i> Field <i>RAFT RIVER GEOTHERMAL</i> County <i>CASSIA</i> State <i>IDAHO</i>		Drillers T.D. <i>3743</i> Log F.R. <i>3743</i> Log T.D. <i>3745</i> Elevations: K.B. <i>5002</i> D.F. <i>—</i> G.L. <i>4988</i>	

FORM 92324A

		RESISTIVITY ohms - m ² /m SHALLOW FOCUSED LOG MEDIUM INDUCTION LOG DEEP INDUCTION LOG
SPONTANEOUS POTENTIAL Millivolts	DEPTH	
		.2 1.0 10 100 1000 .2 1.0 10 100 1000 .2 1.0 10 100 1000



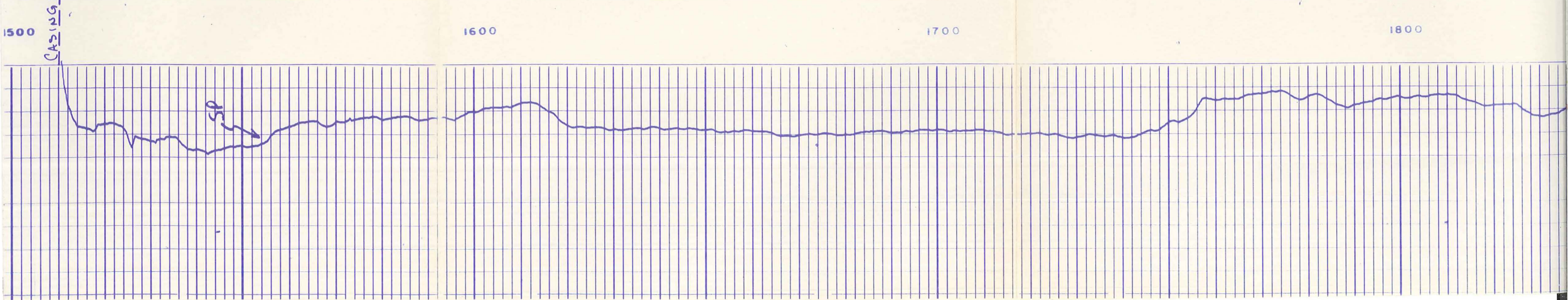


TENSION 2

DEEP INDUCTION

MUDINA INDUCTION

FOCUSSED



CASING

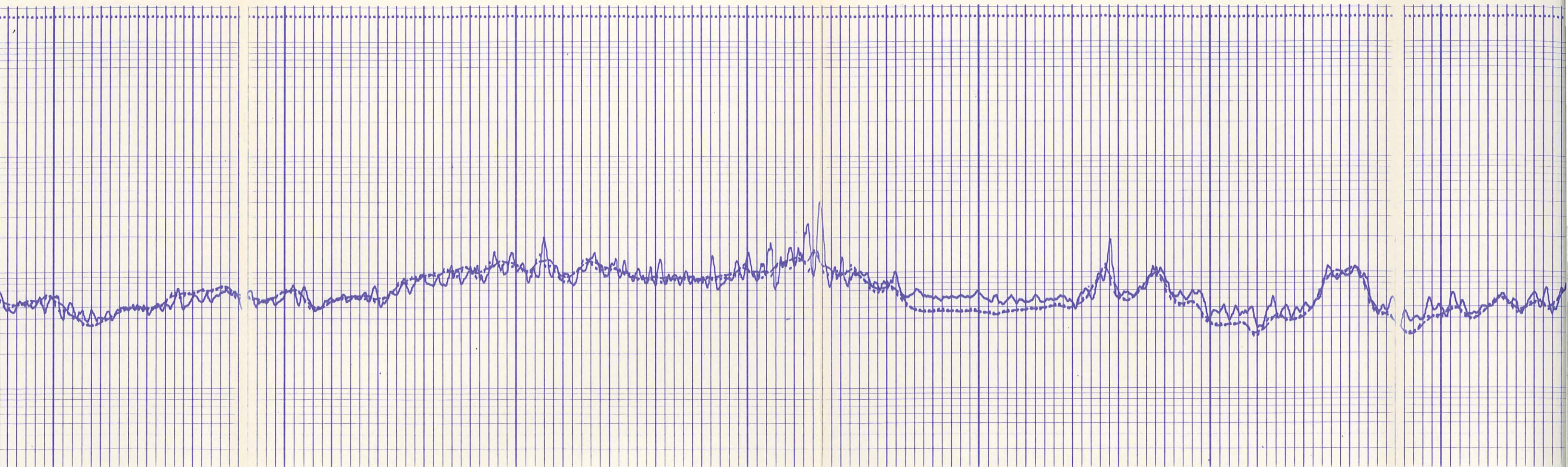
SP

1500

1600

1700

1800

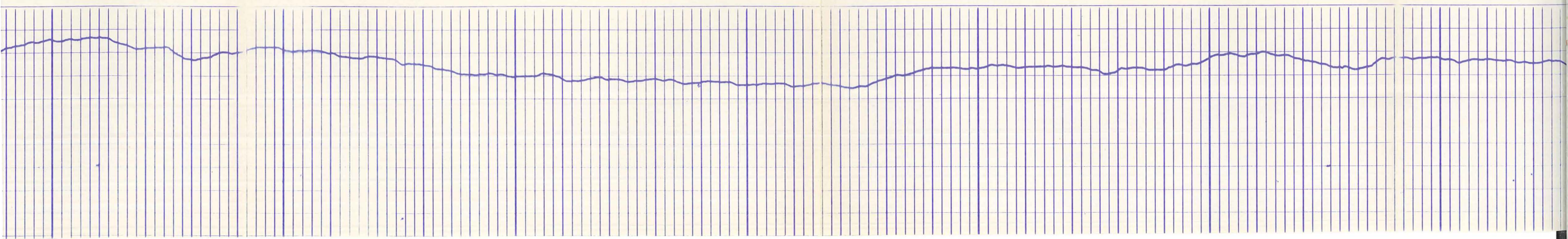


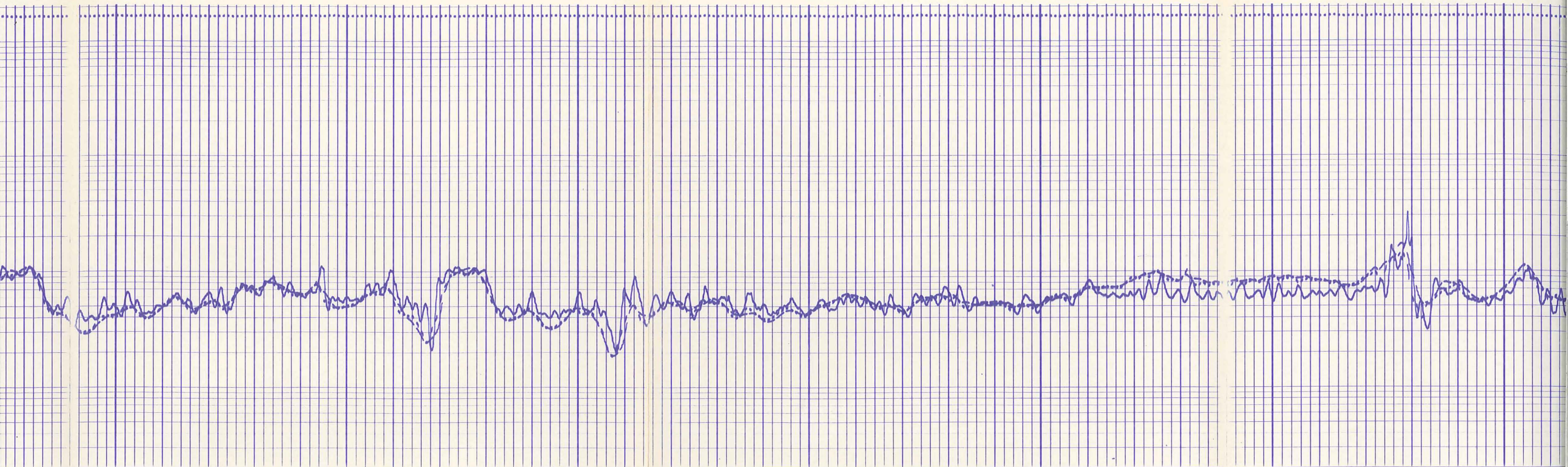
1800

1900

2000

2100



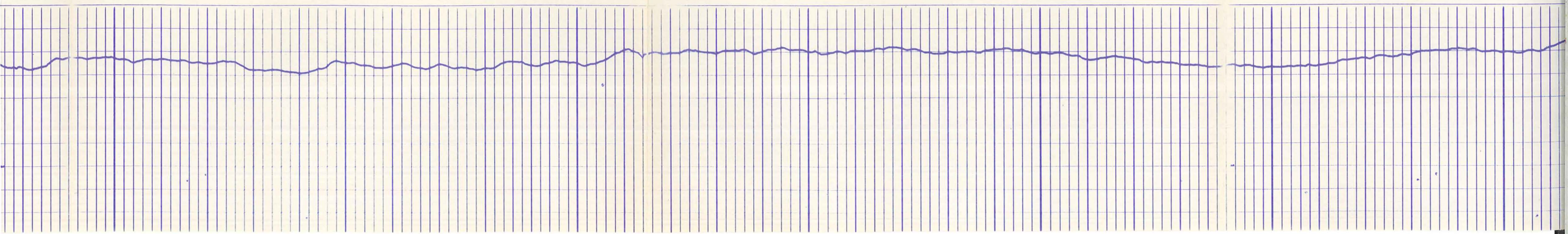


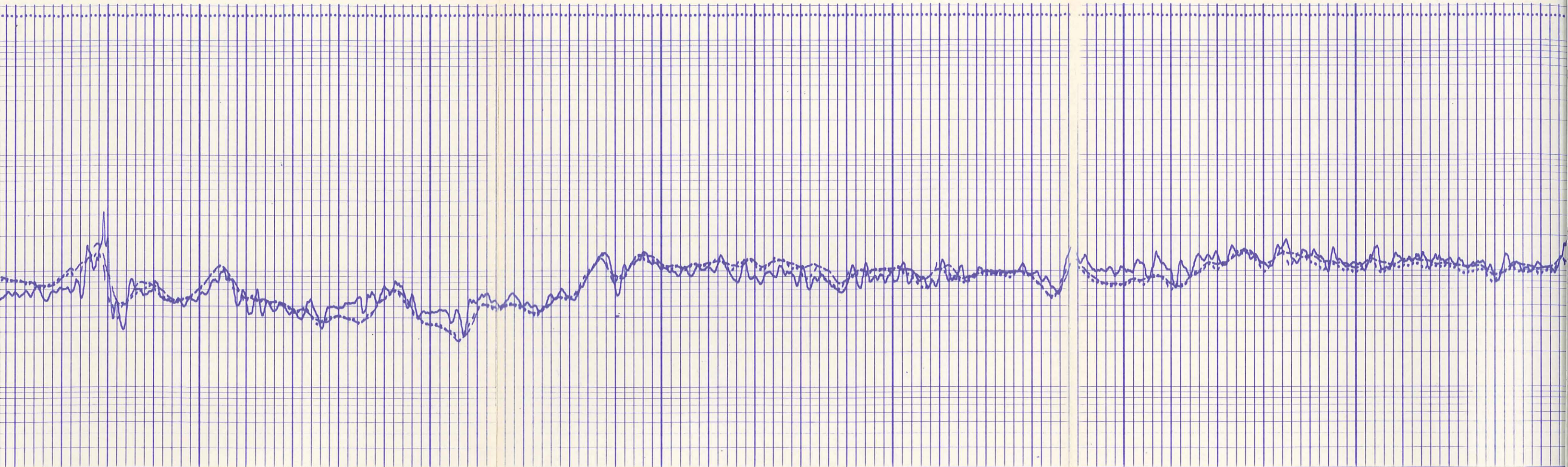
2100

2200

2300

2400

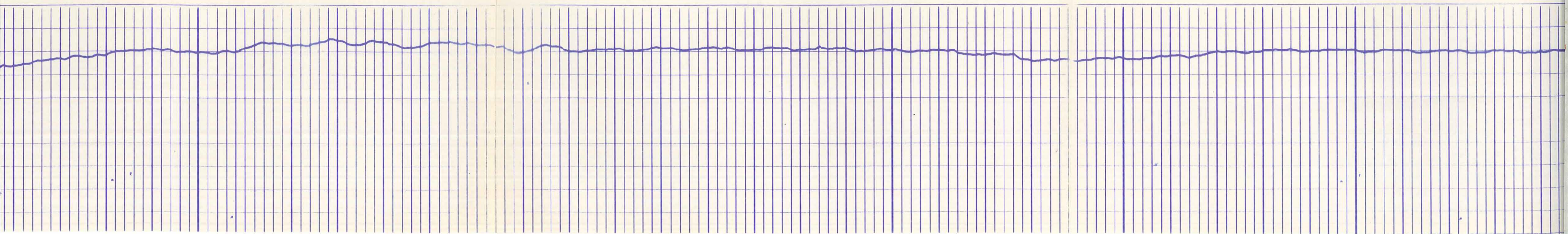


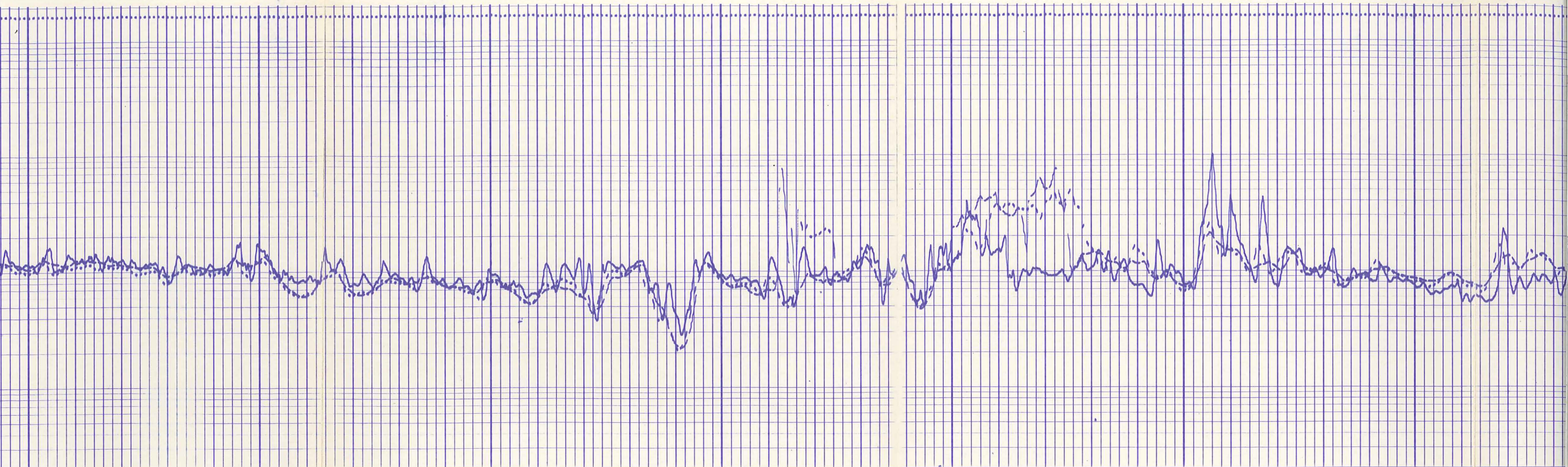


2400

2500

2600

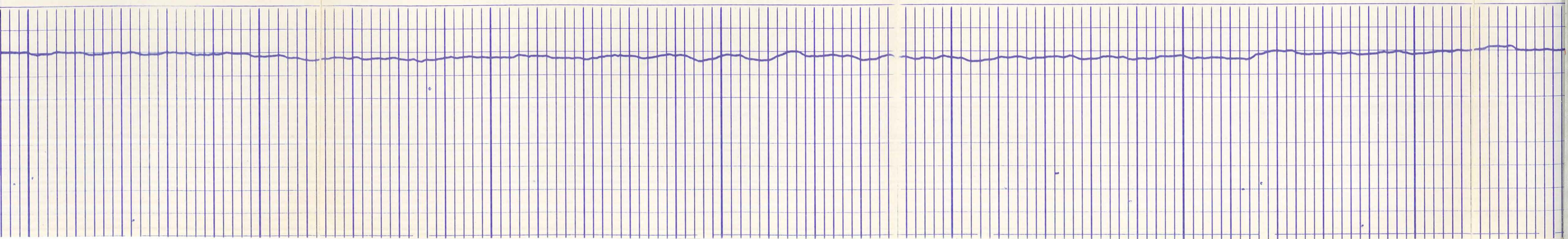


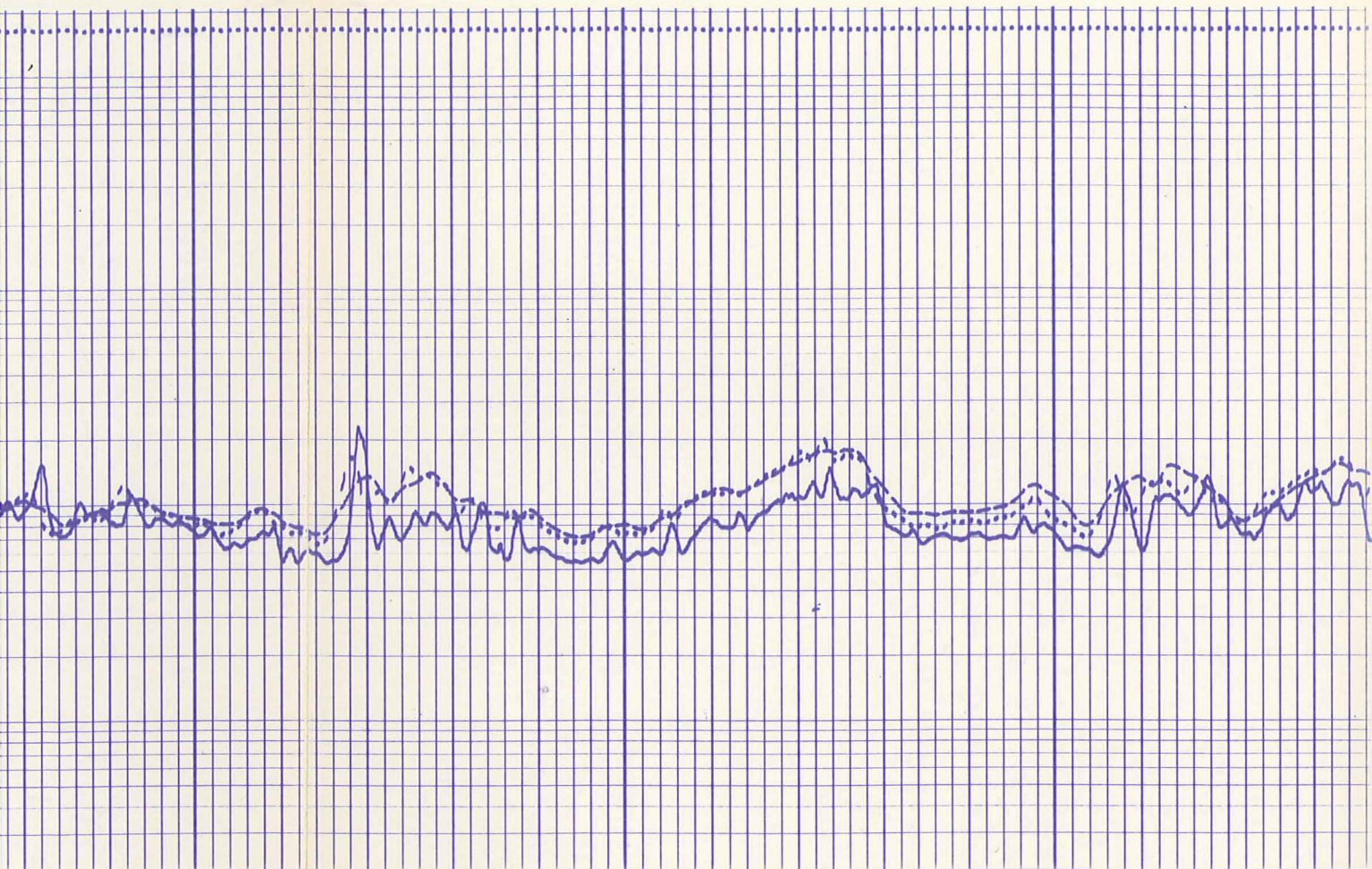


2700

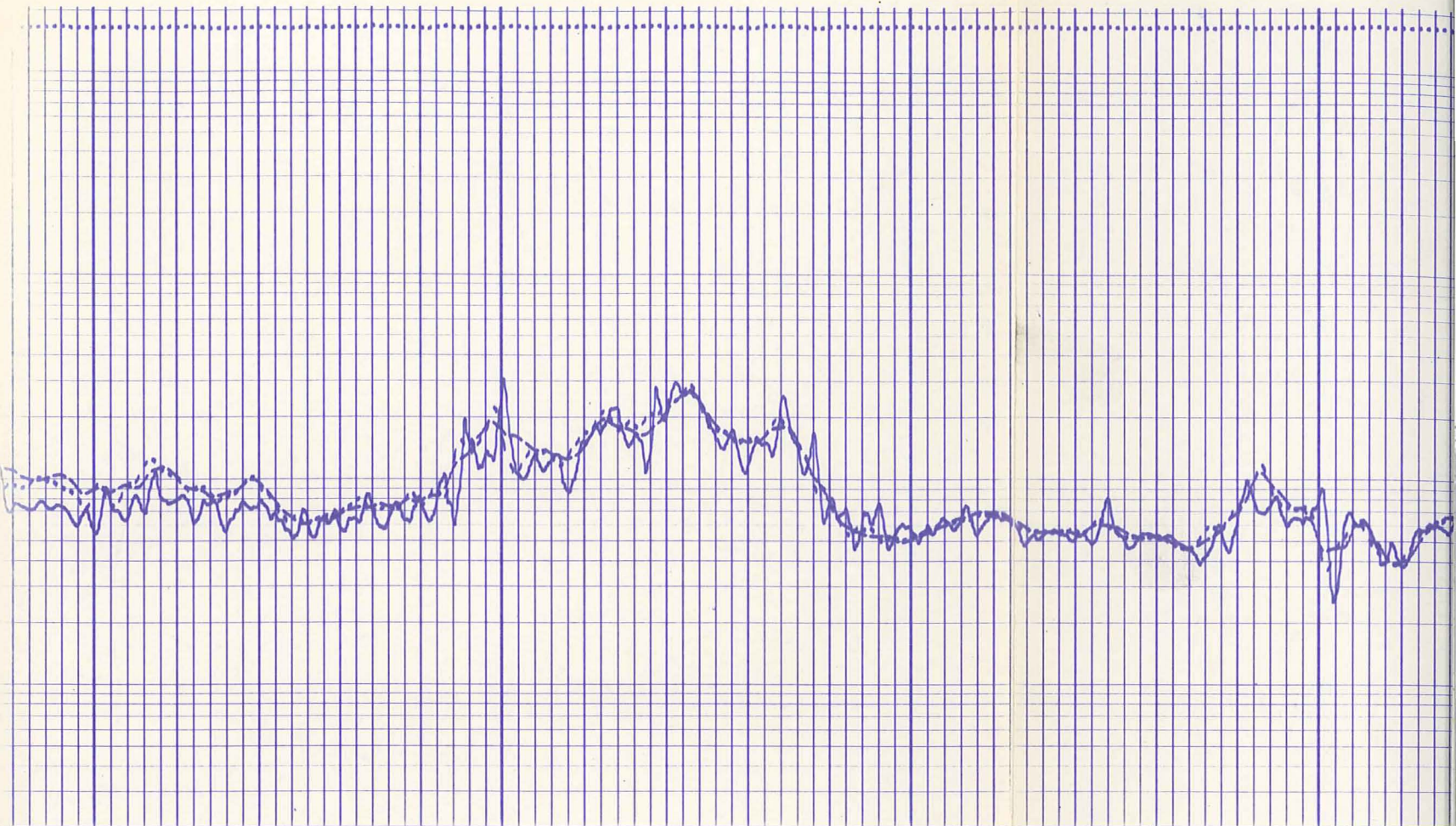
2800

2900

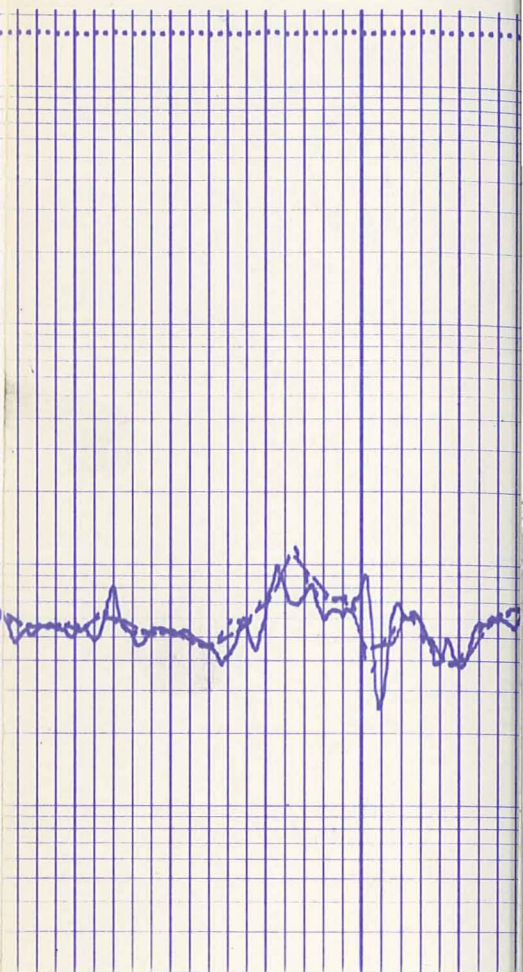




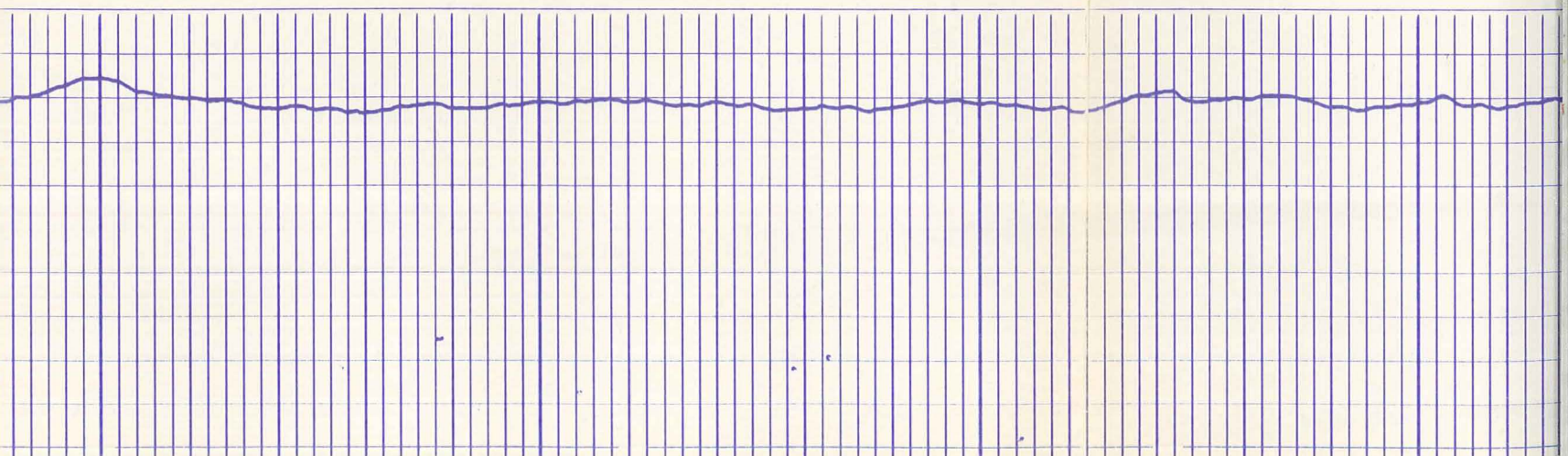
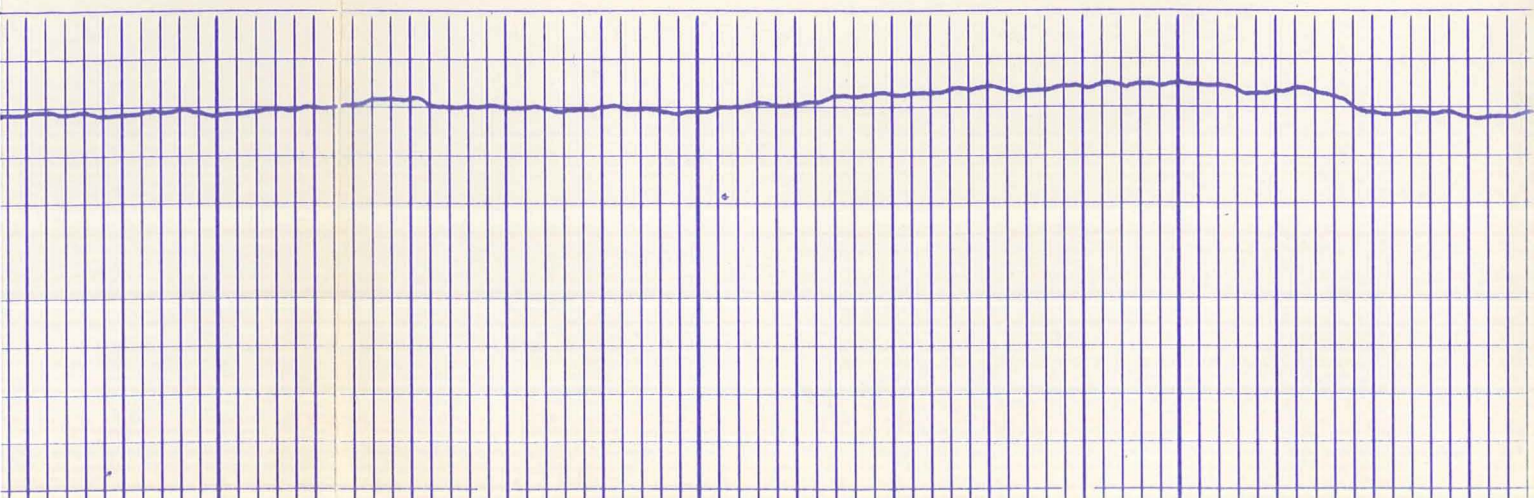
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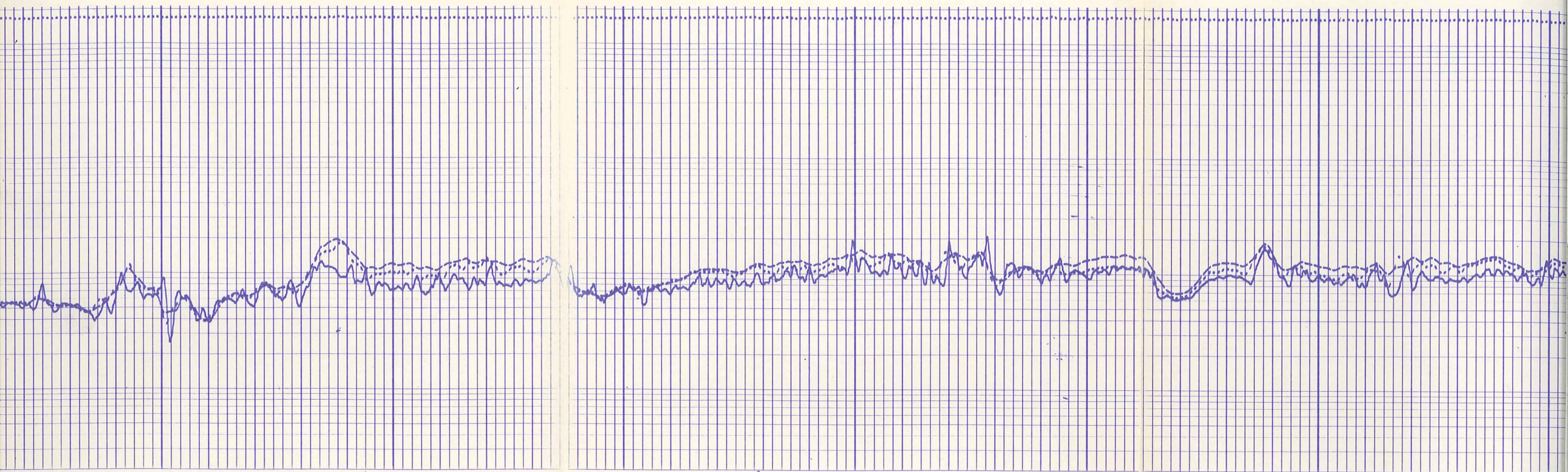


3100



3200

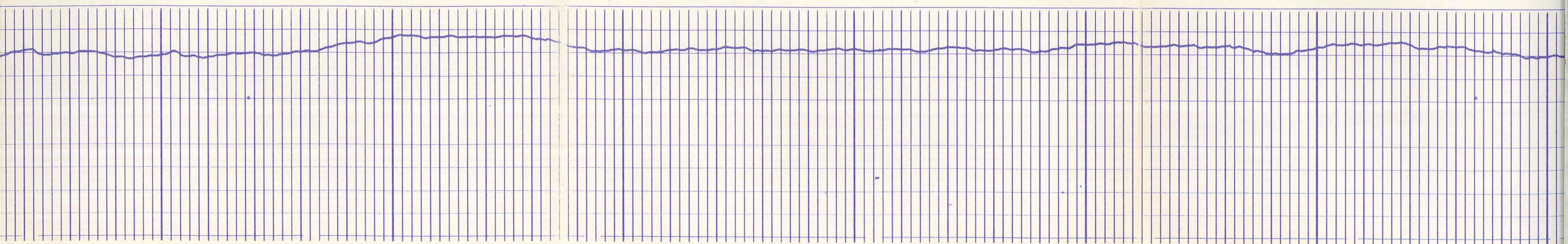


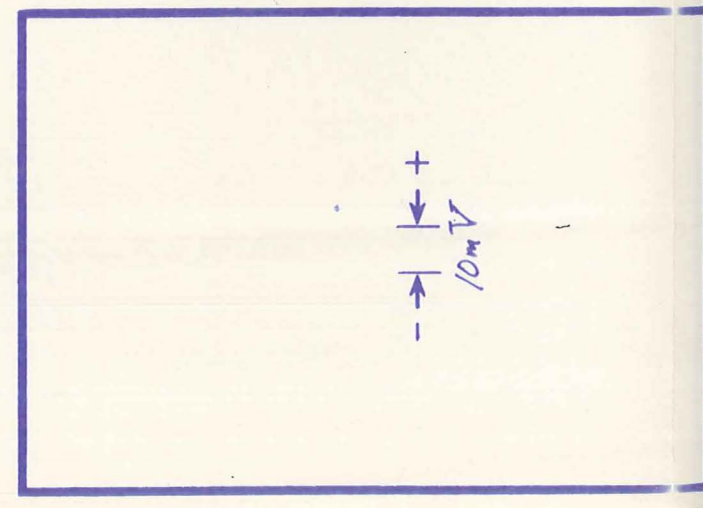
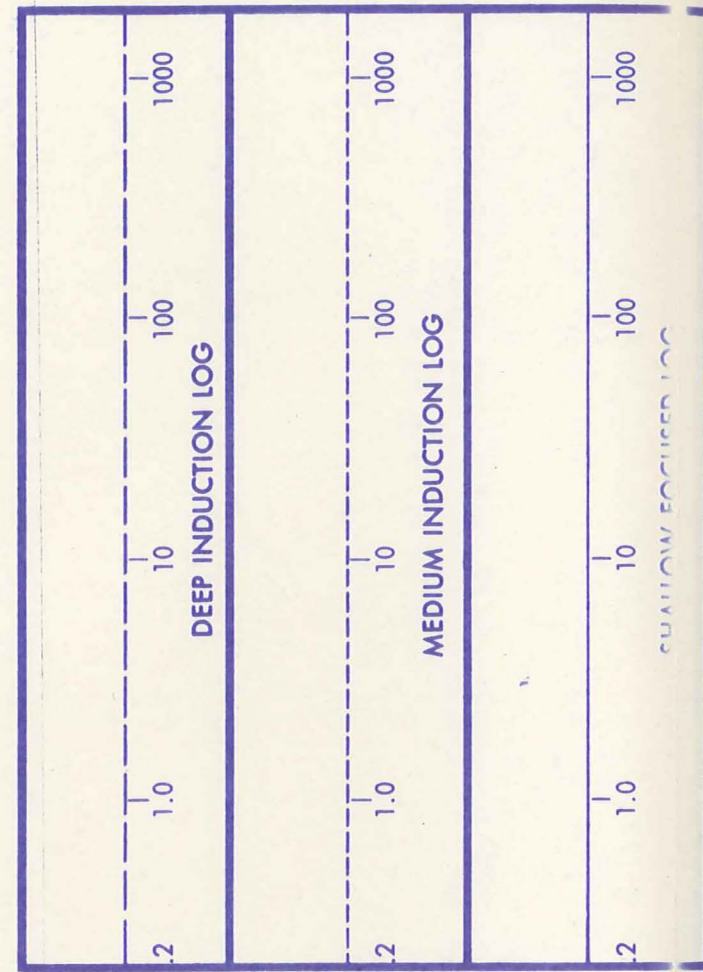
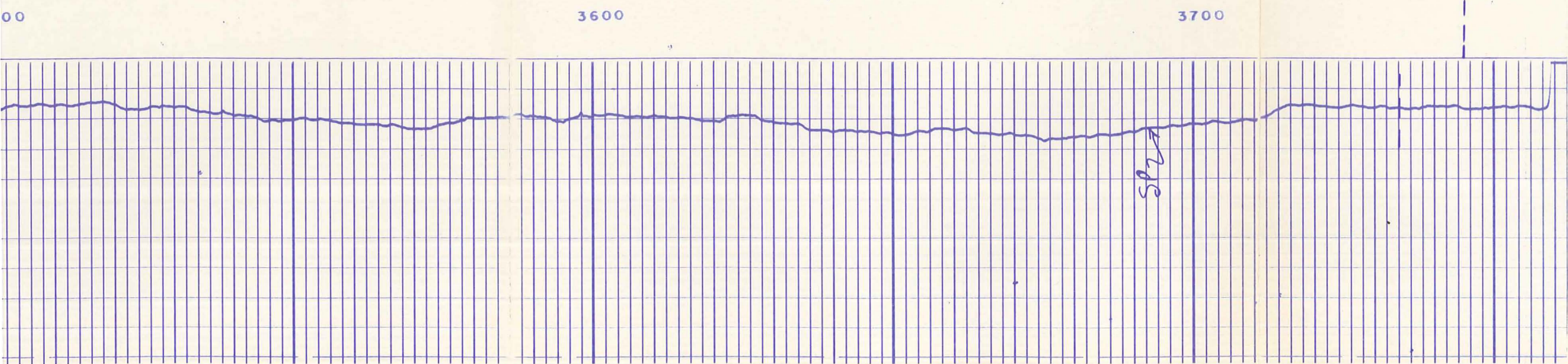


3300

3400

3500

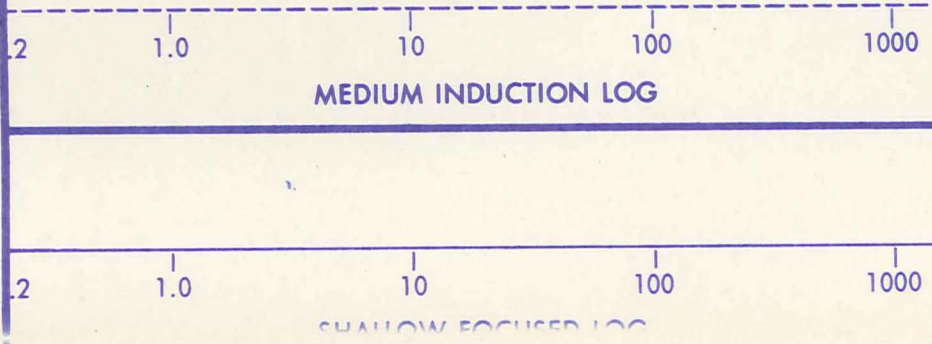




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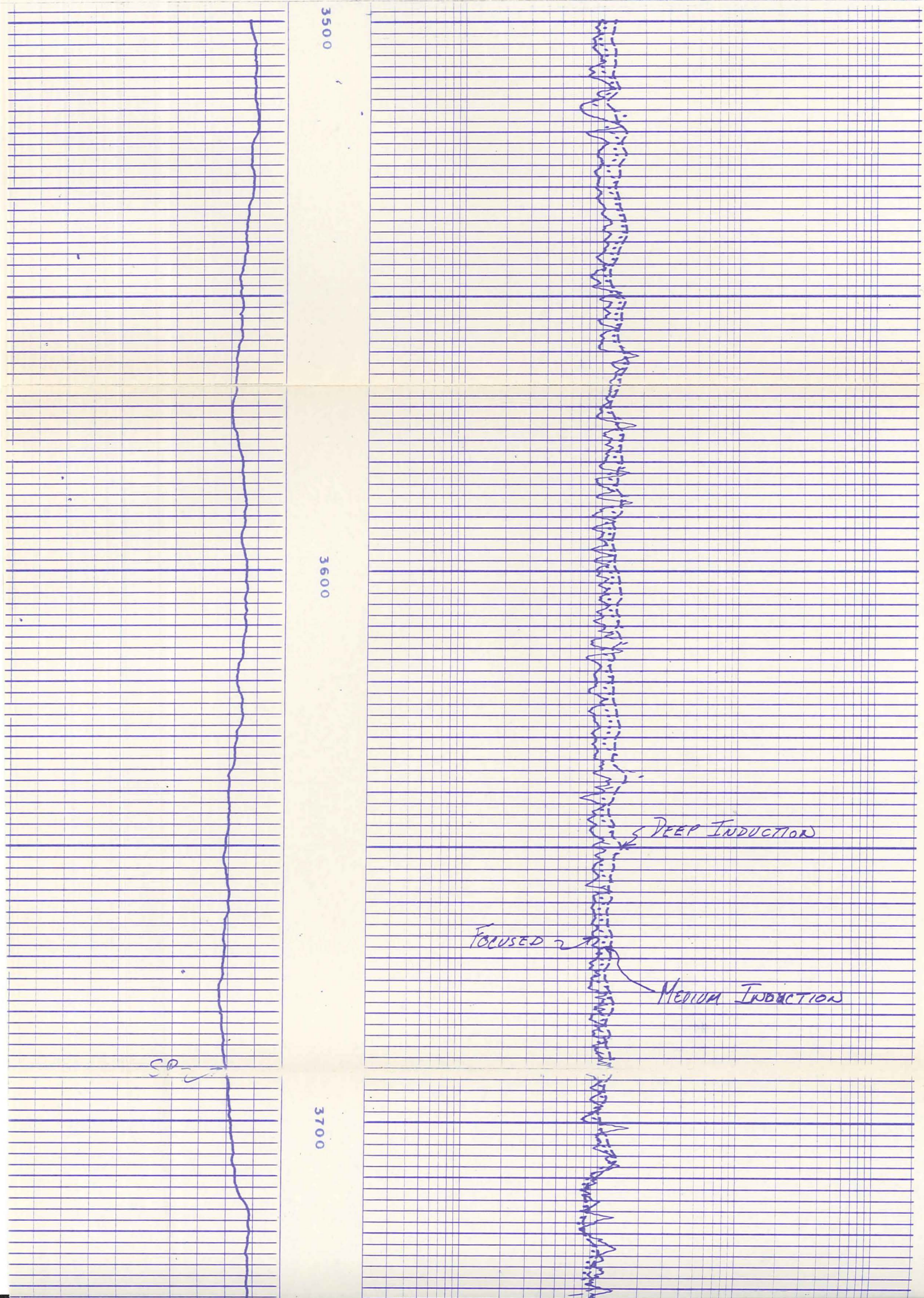
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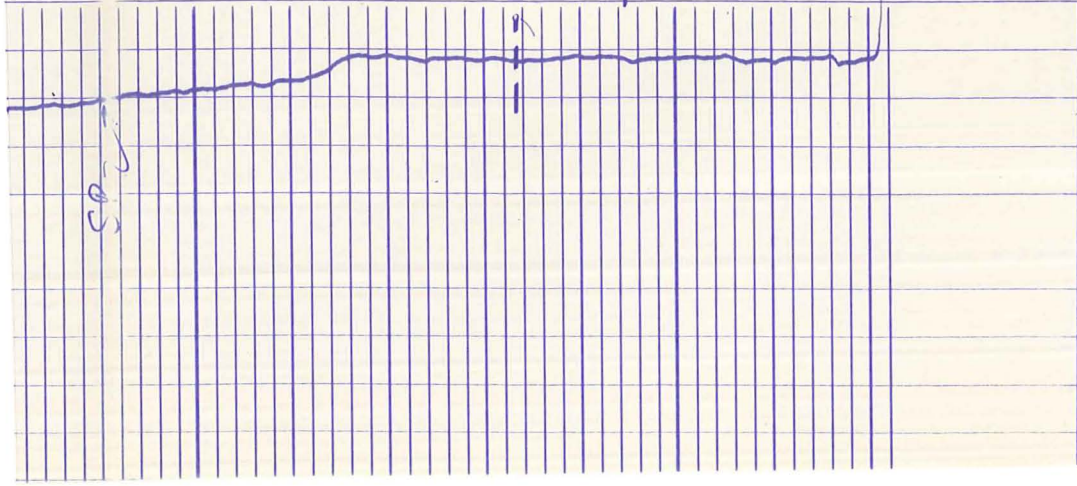
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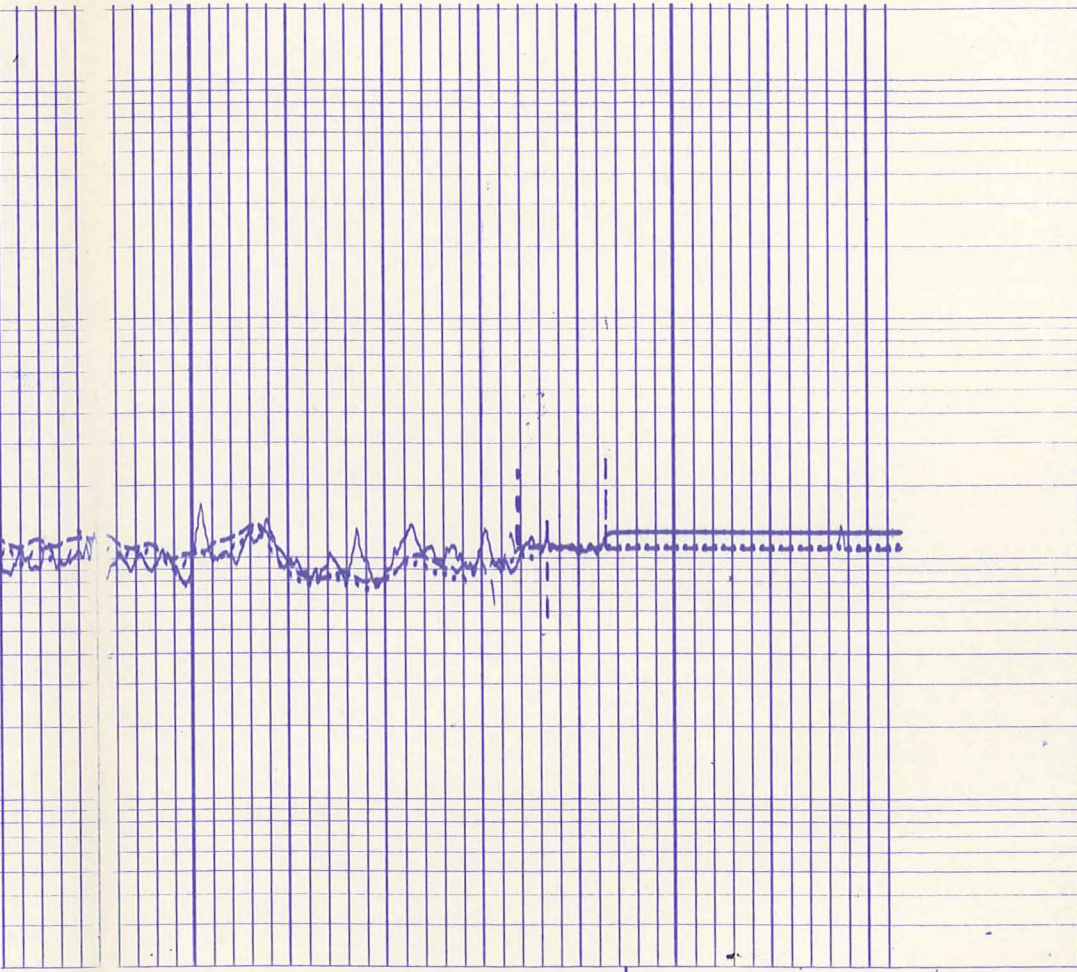
SPONTANEOUS POTENTIAL Millivolts	DEPTH	RESISTIVITY ohms - m ² /m
Company <i>E.G. & G. IDAHO INC.</i> Well <i>RRGP-5</i> Field <i>RAFT RIVER GEOTHERMAL</i> County <i>CASSIA</i> State <i>IDAHO</i>		Drillers T.D. <i>3743</i> Log F.R. <i>3743</i> Log T.D. <i>3745</i> Elevations: K.B. <i>5002</i> D.F. <i>—</i> G.L. <i>4938</i>

REPEAT SECTION

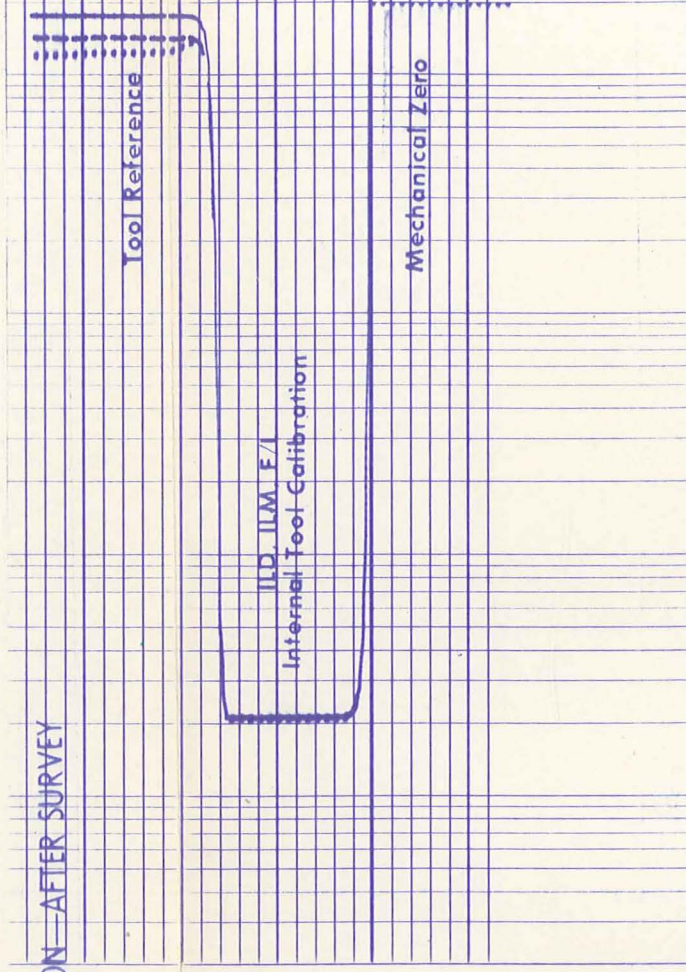




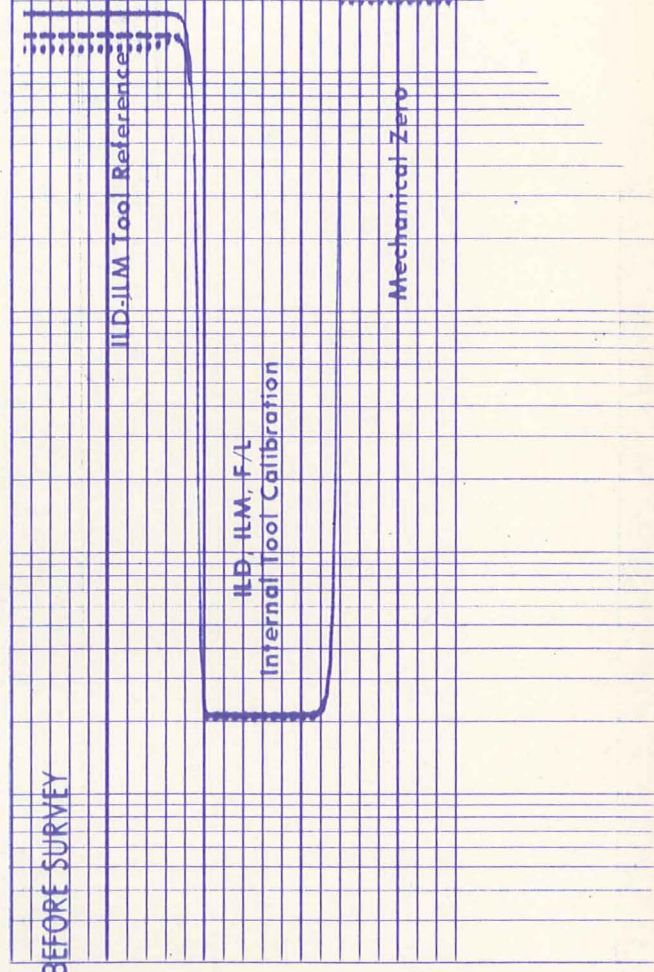
3700



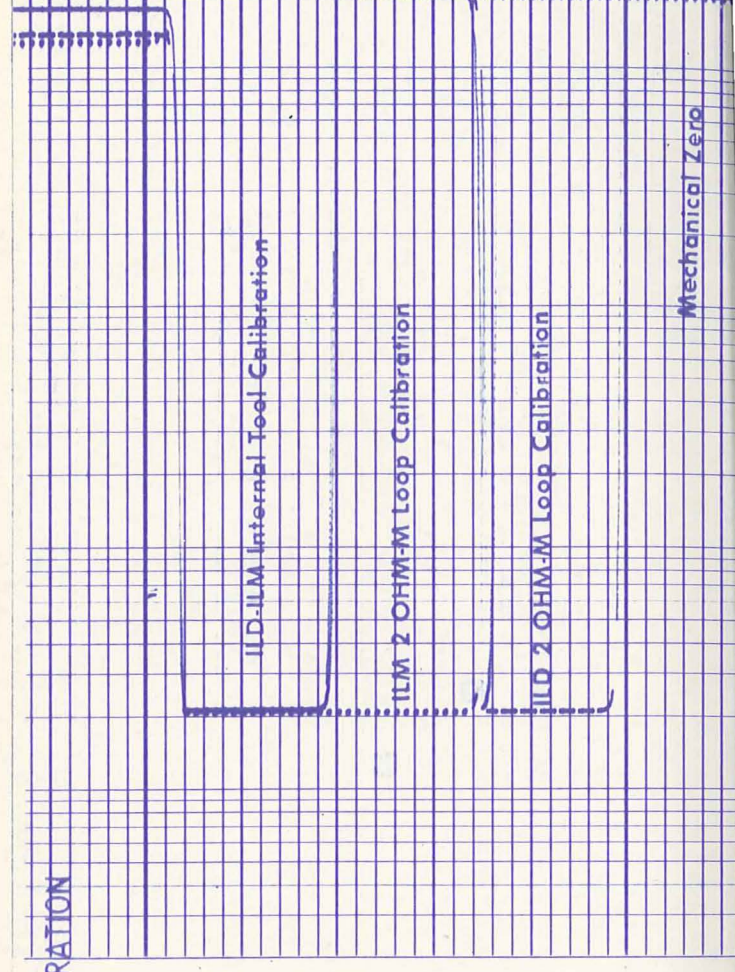
DOWNHOLE CALIBRATION AFTER SURVEY



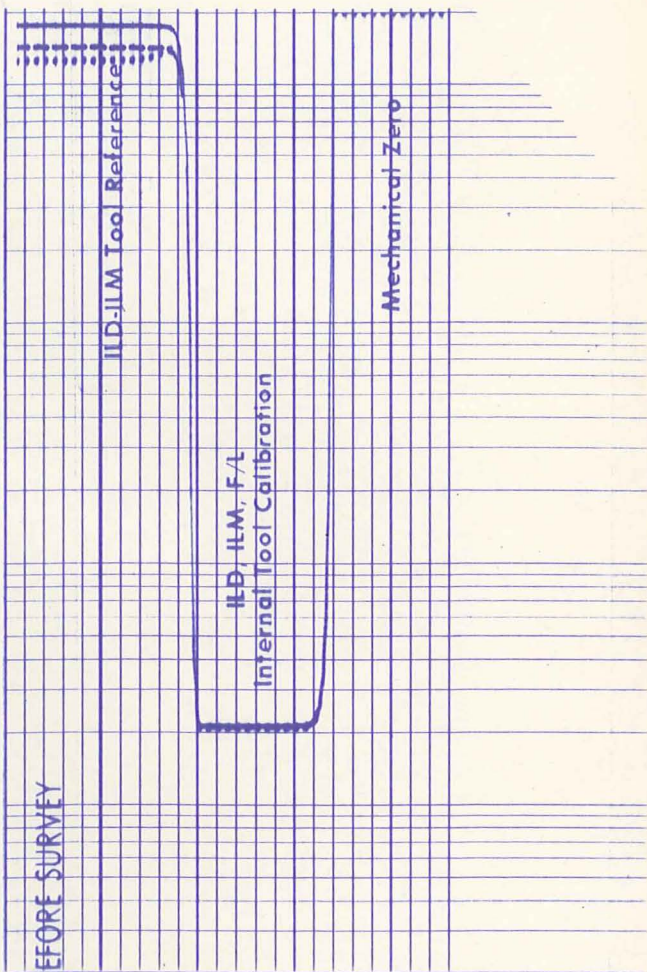
DOWNHOLE CALIBRATION BEFORE SURVEY



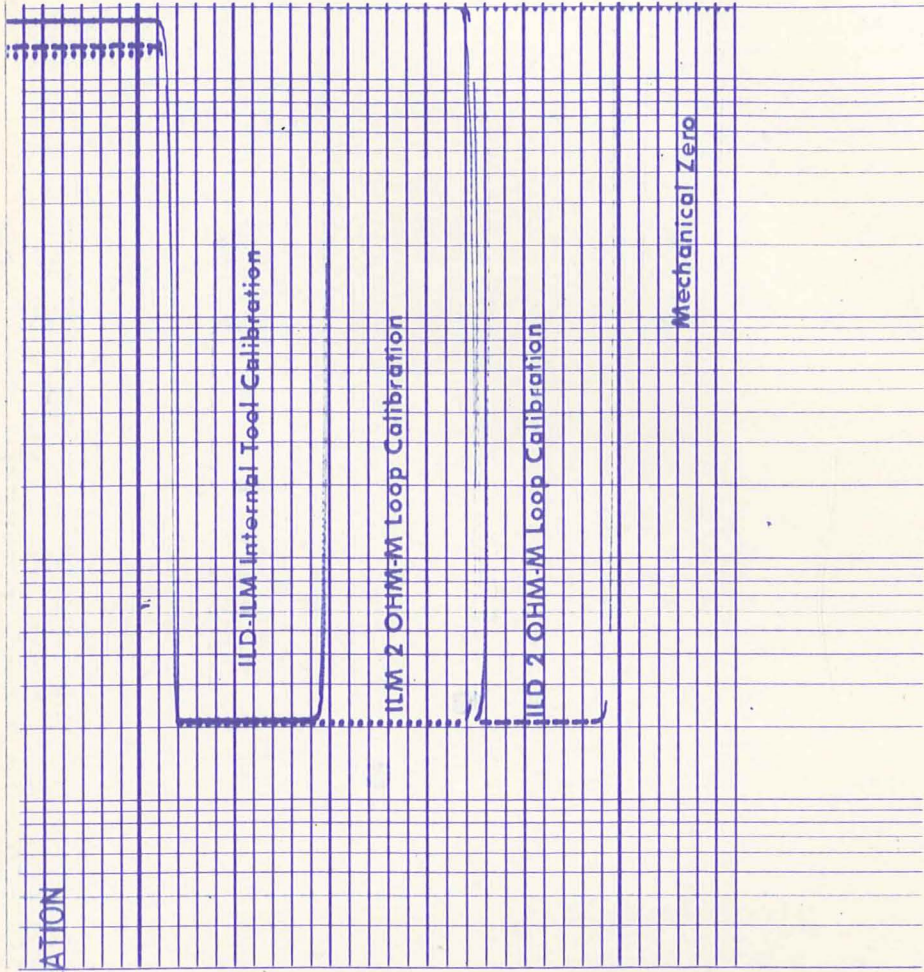
SURFACE CALIBRATION



DOWNHOLE CALIBRATION BEFORE SURVEY



SURFACE CALIBRATION



GL02659
FILE_CAB_15_DRAWER_2