

SCHLUMBERGER

DUAL INDUCTION - LATEROLOG
 SCHLUMBERGER OF CANADA
 Calgary, Alberta

PROVINCE YUKON TERRITORIES
 FIELD 10E SPRING RIVER YT
 WELL N-58
 COMPANY IMPERIAL OIL ENTERPRISES LTD.

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 WELL 10E SPRING RIVER YT
 N-58
 FIELD YUKON TERRITORIES
 PROVINCE YUKON TERRITORIES
 LOCATION 69° 07' 53" N LAT
 138° 44' 05" W LONG
 Permanent Datum GL Elev. 304
 Log Measured From KB 14 Ft. Above Perm. Datum
 Other Services SLC-GK, FDC, HRT, HDT, LGS, DCS
 ELEV. KB 318
 GL 304
 CBF

Date	6 FEB 71	14 MAR 71	
Run No.	ONE	TWO	
First Reading	1978	6991	
Last Reading	1978	1978	
Foal Measured	1456	5013	
Depth Reached	1982	6997	
Bottom Driller	1981	7009	
Csg SOC	523	1978	
Csg Driller	523	1979	
Mud Nature	GEL	GEL	
Dens Visc	10.2	9.2	62
Mud pH	9.5	9.5	
Water Loss	10.0		
Res.	-	1.97	89 %
Rml	2.24	1.94	81 %
@ BHT	-	-	-
Rmc	2.78	1.87	84 %
Source of Sample	FLOWLINE	FLOWLINE	
Bit Size	RMKS	RMKS	
Op'r Rig Time	2 HRS	3 HRS	
Truck No.	OSU-C 363 REM	OSU-C 363 REM	
Recorded By	NICKERSON	NICKERSON	
Witness	HEBERT	KAP JACK & STAPLES	

5 APR 71 CAL EMP

REMARKS

Drilling Stopped	2130	5th	Circulation Stopped	2150	5th	Tool on Bottom	0200	6th	1st Run Service Order ::	4779
RUN 2	1900	13th		1900	13th		0600	14th	B.H.T	RMKS 115

Stand Off = 1.5 Inches 1.5

Cartridge No. N 57 B 56

Panel No. B 226 B 214

Slide No. B 175 B 44

IAP-D No. MMP-B 223 MMP-B 97

SBR 2 2

MUD SAMPLES:

RUN 1 Rm#1 = 2.78 @ 50°F

RUN 1 Rm#2 = 2.76 @ 50°F

RUN 2 Rm#3 = 2.81 @ 50°F

BHT = 86°F TOOL ON BOTTOM @ 0245 / 6th

DRILLERS CIRCULATING TEMPERATURE 110°F

RUN 2 TEMPERATURE RECORDED 35° ABOVE FIRST READING @ 0622 / 14th.

BIT SIZE:

RUN 1 12 1/4" - 1970

8 11/16" - 1981

RUN 2 9 1/2" - 6998

8 11/16" - 7009

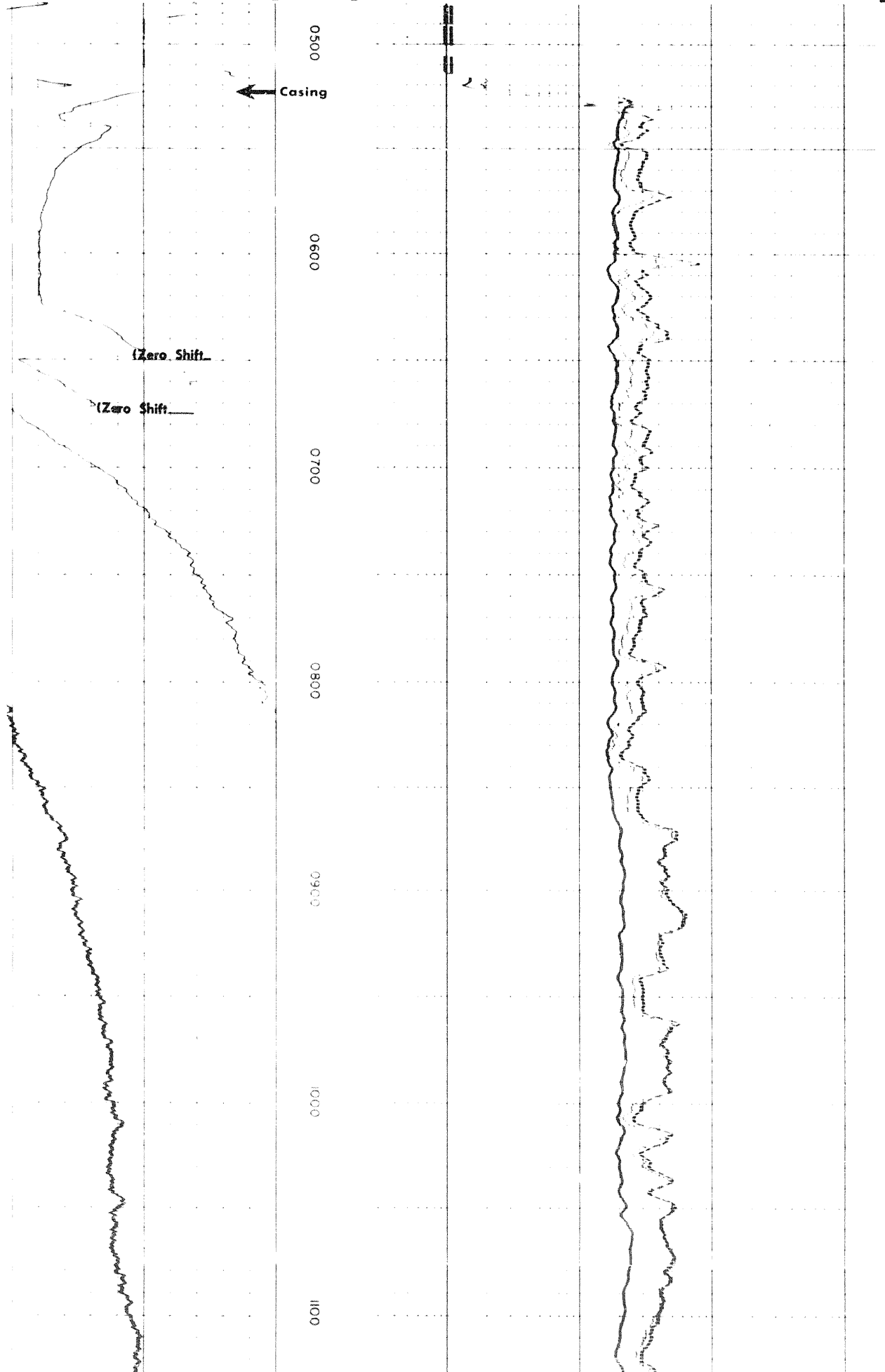
SPONTANEOUS - POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms m/m
		LATEROLOG-8
		1 10 100 1000
		MEDIUM INDUCTION LOG
		1 10 100 1000
		DEEP INDUCTION LOG
		1 10 100 1000

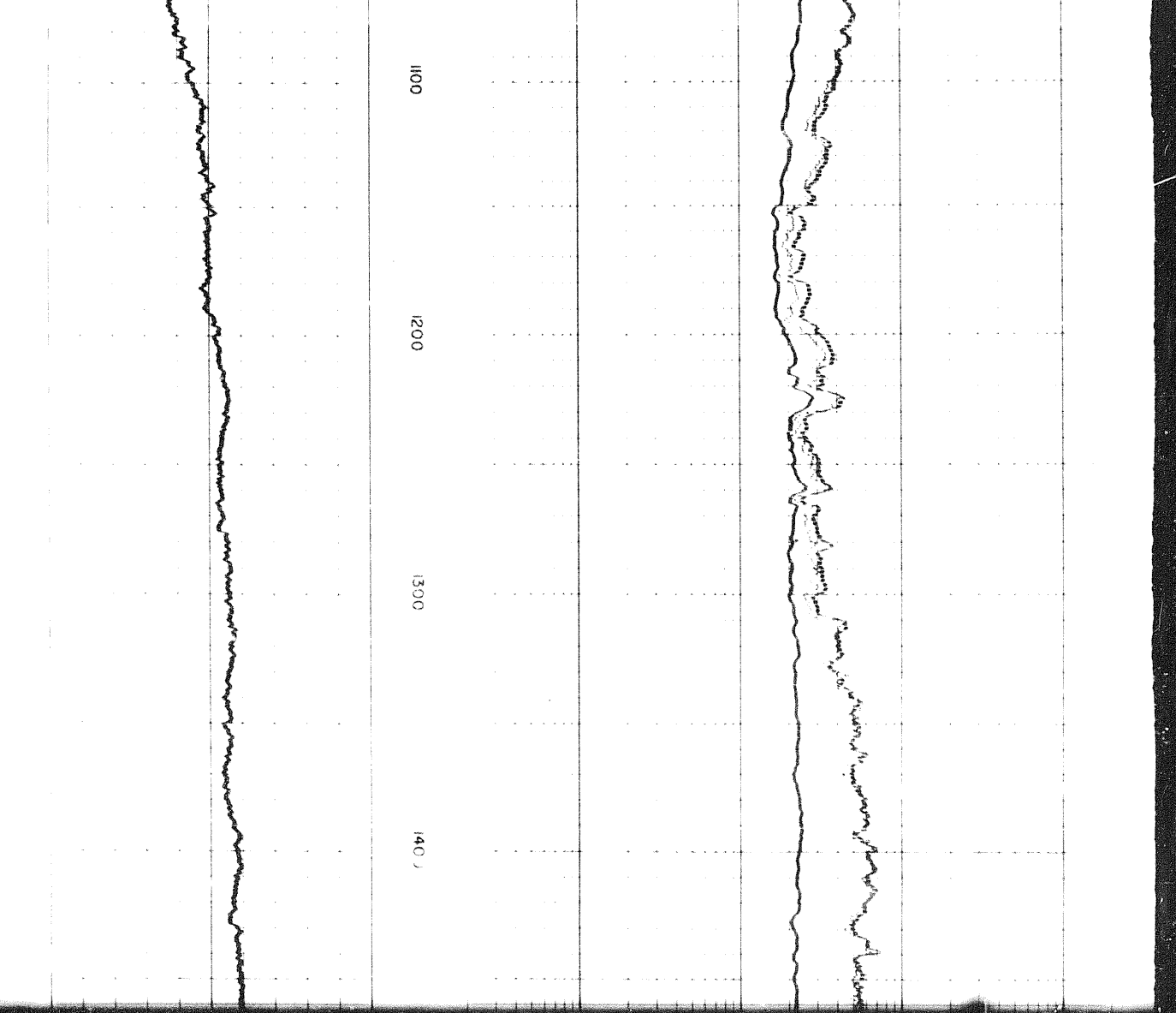
Speed in FPM →

10

1 of

of



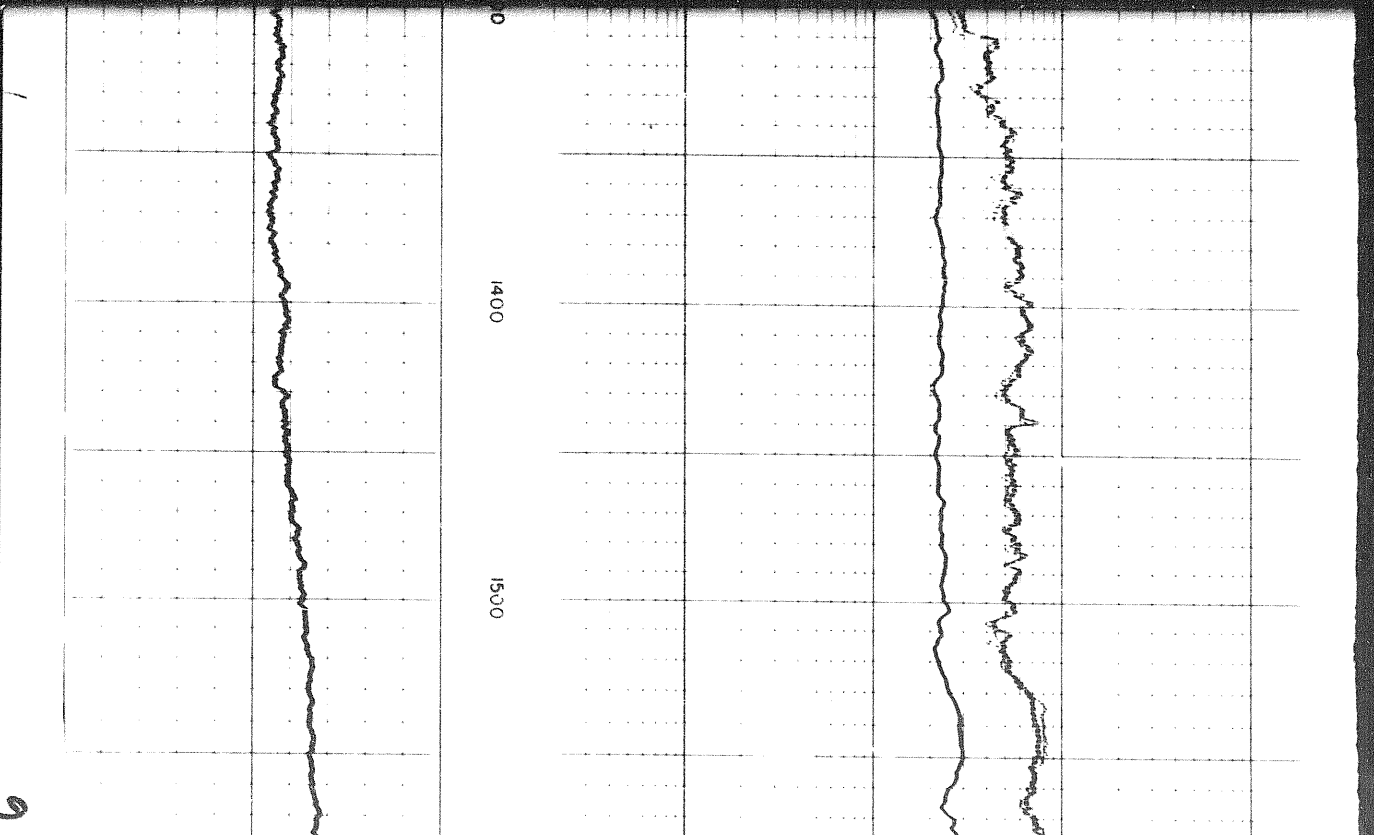


1100

1200

1300

1400



0

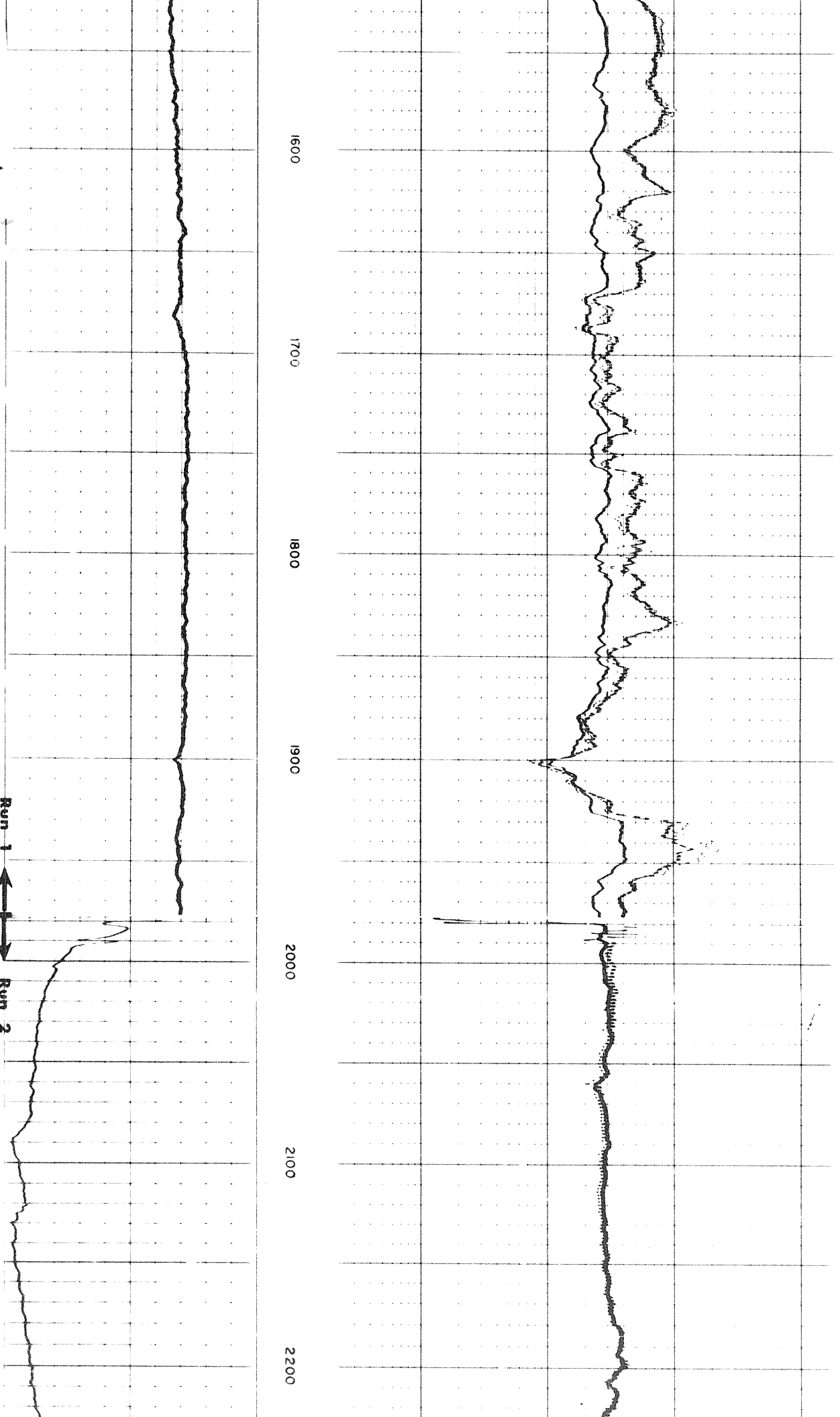
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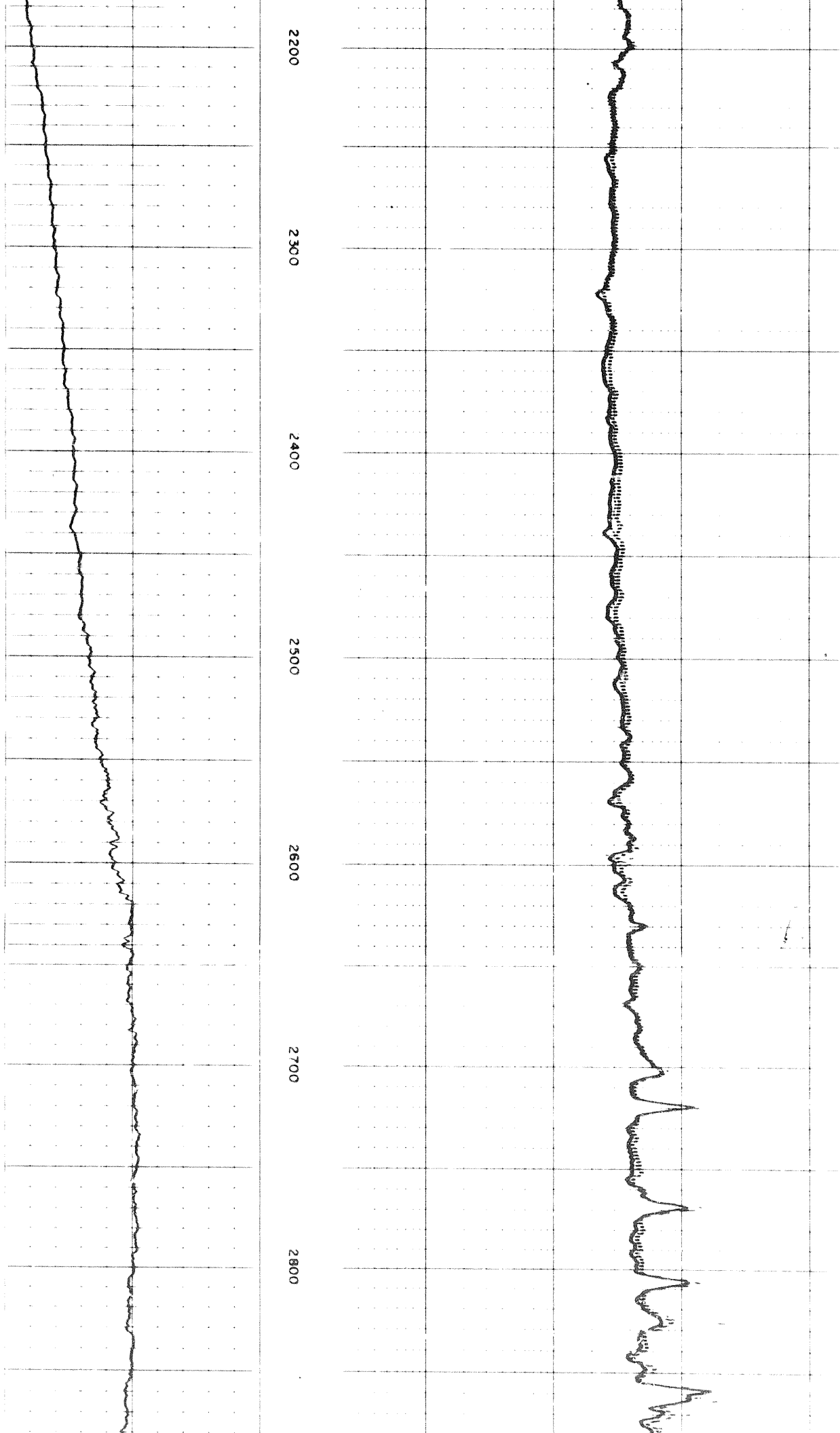
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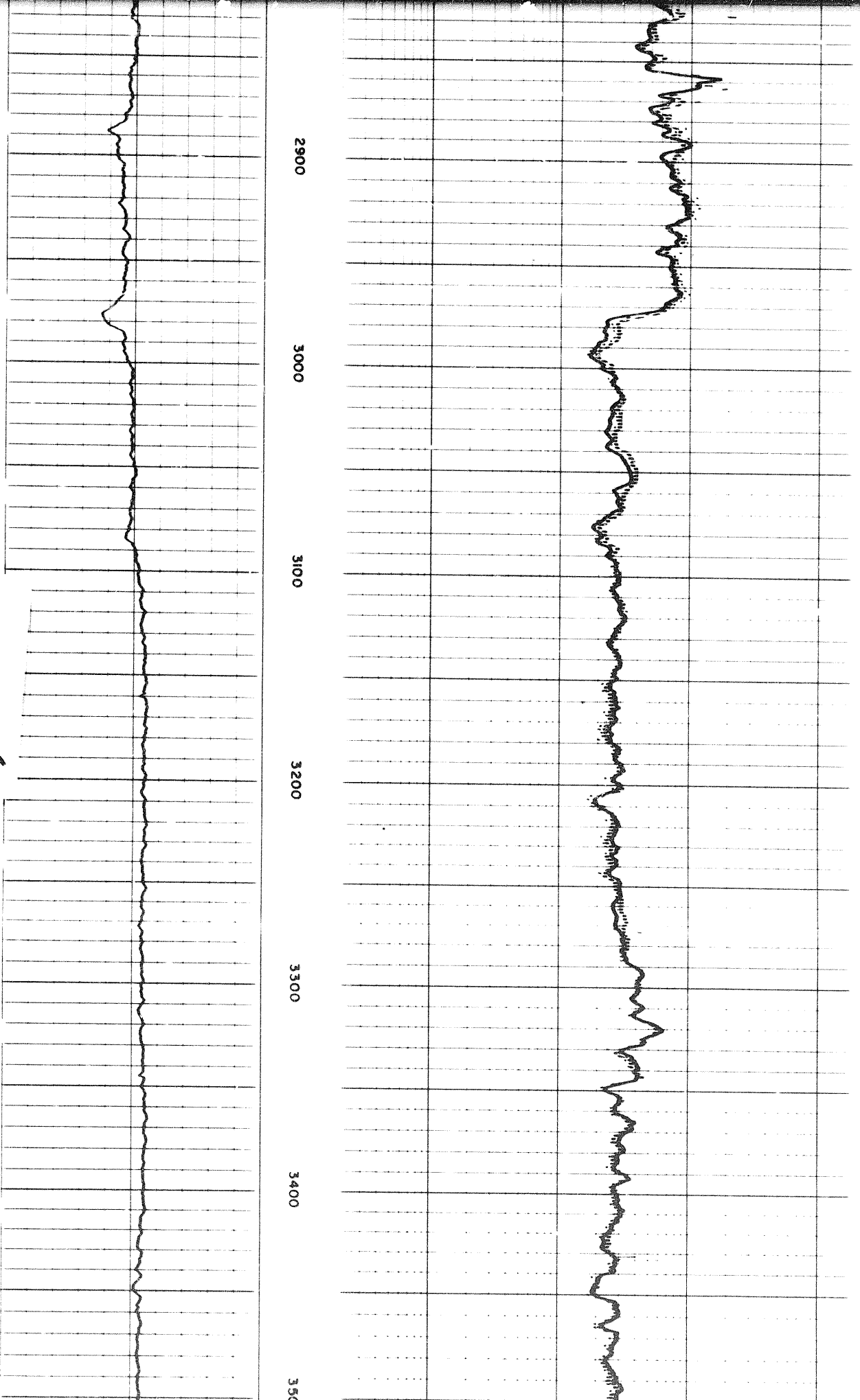
2

207

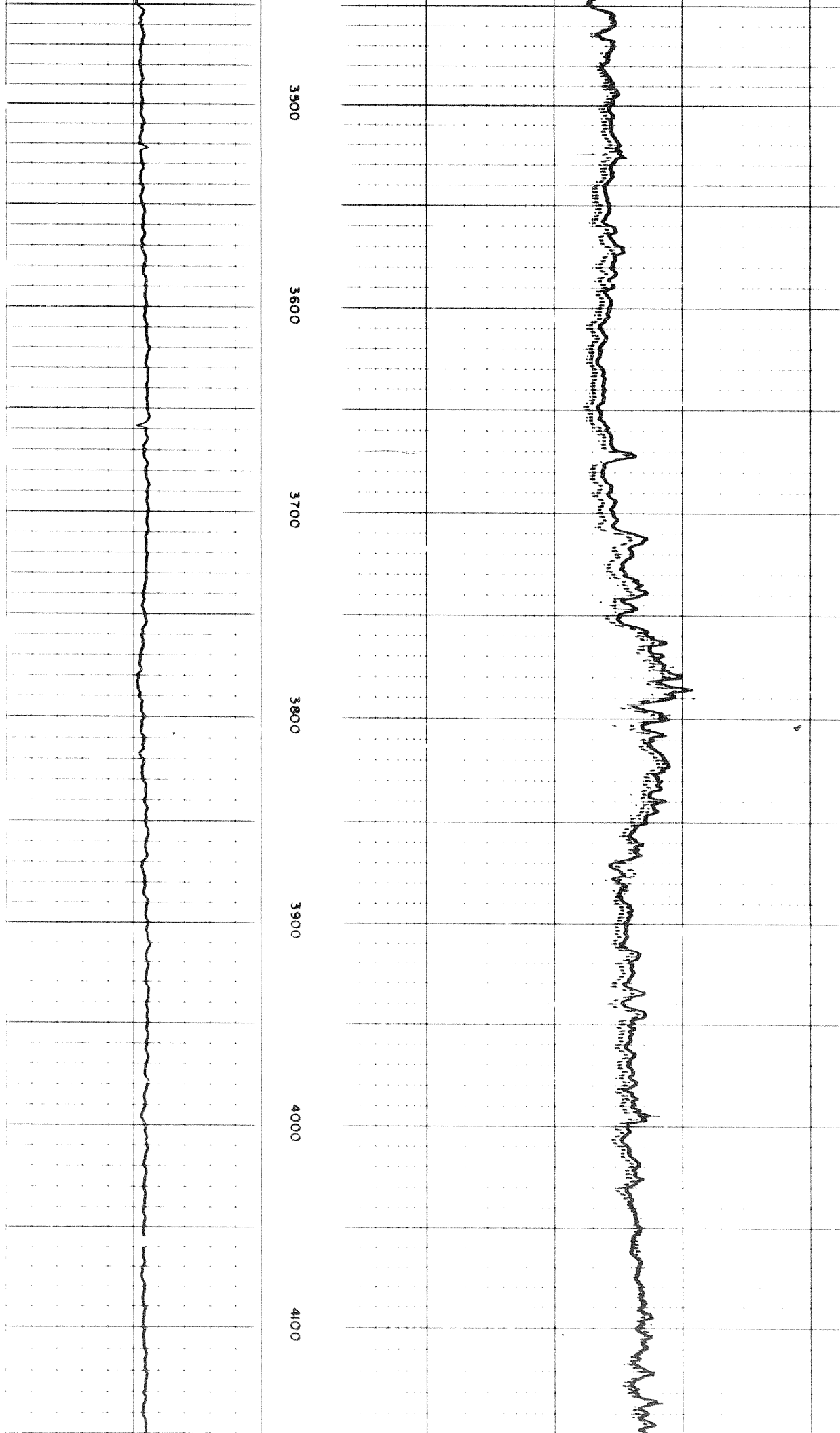
Run 1 → Run 2 ←

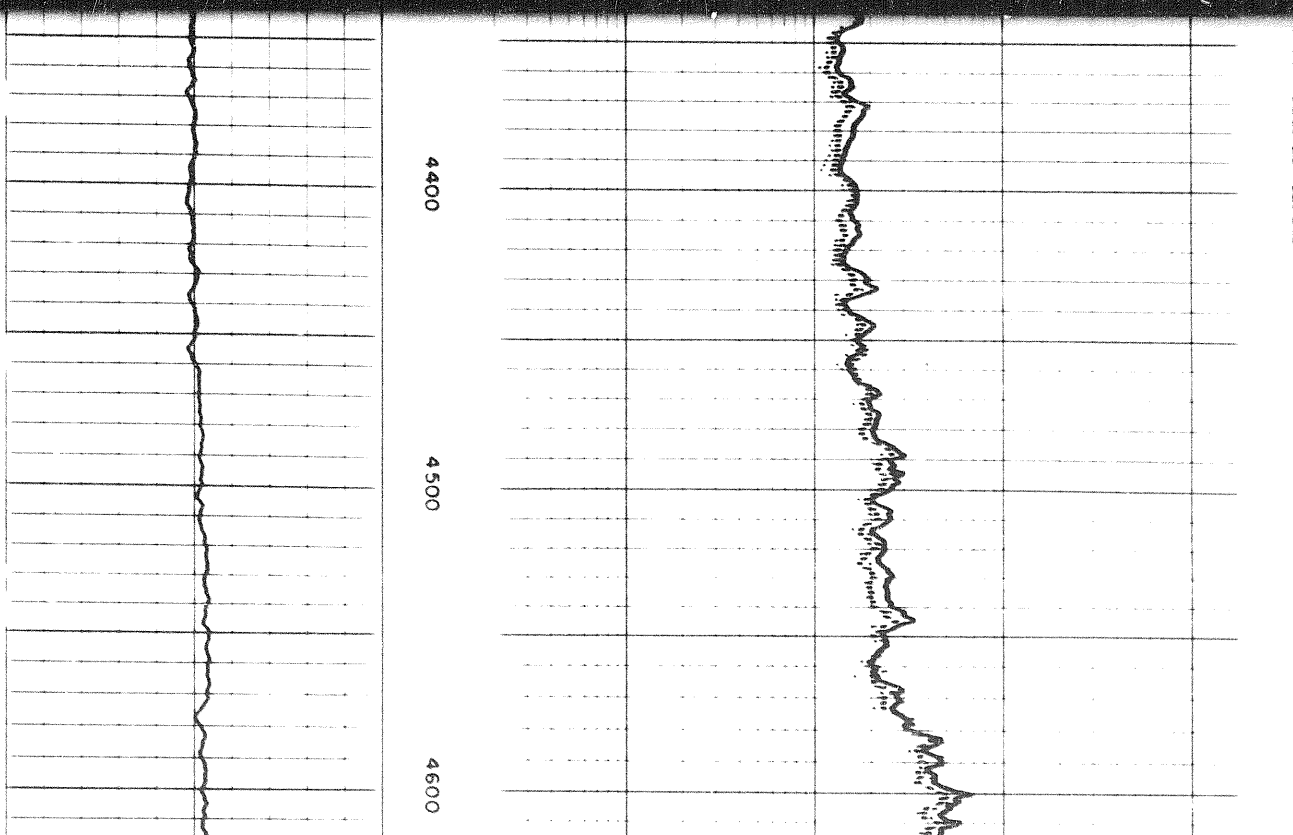
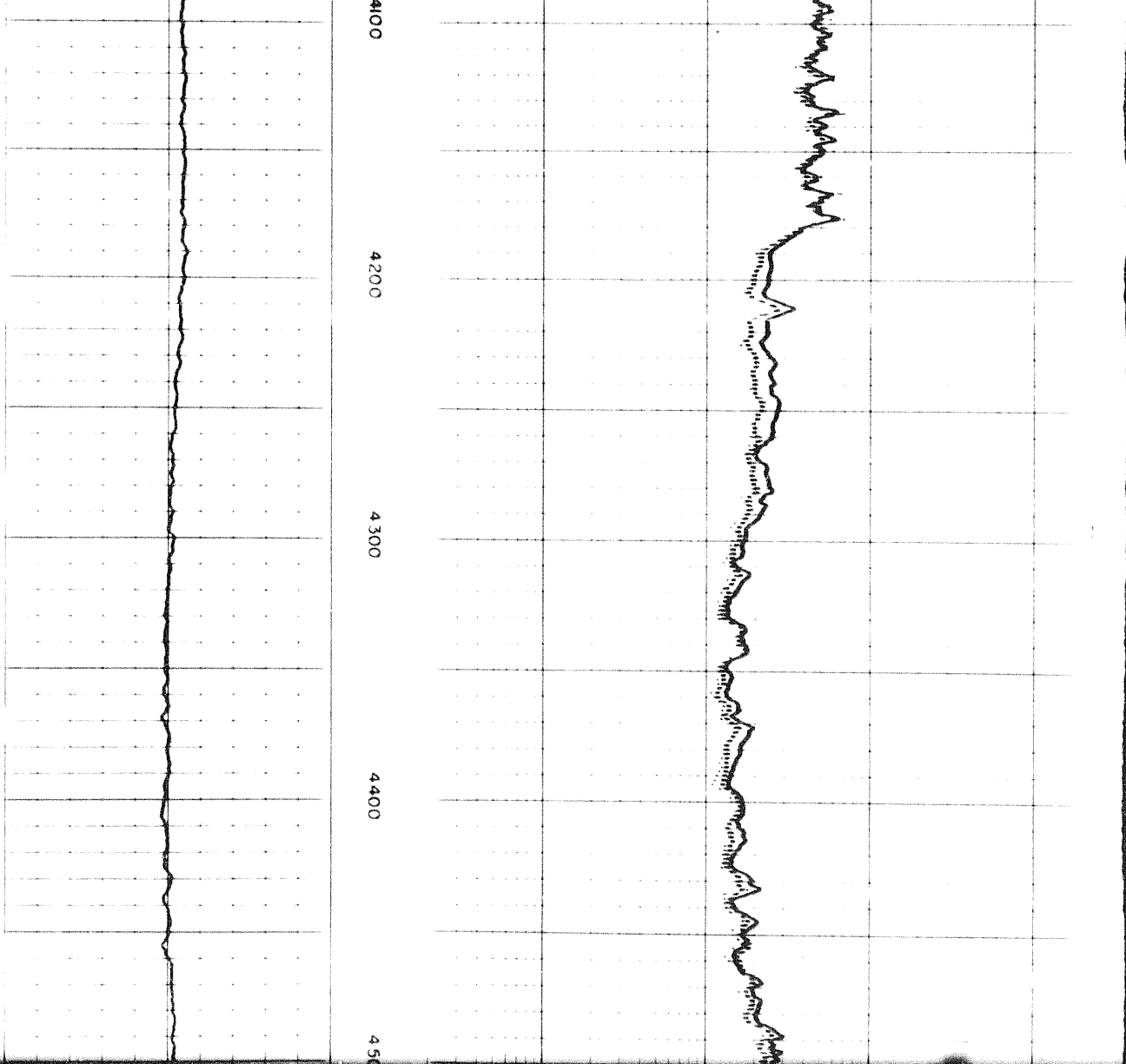




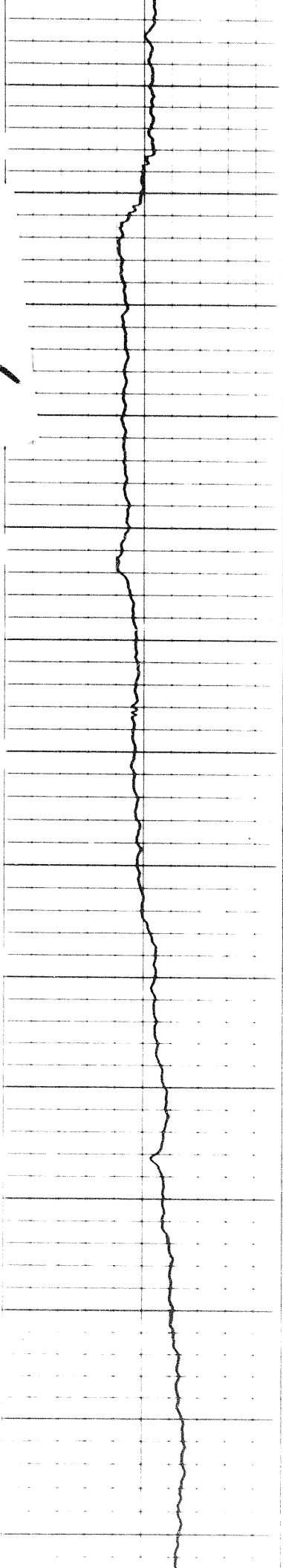


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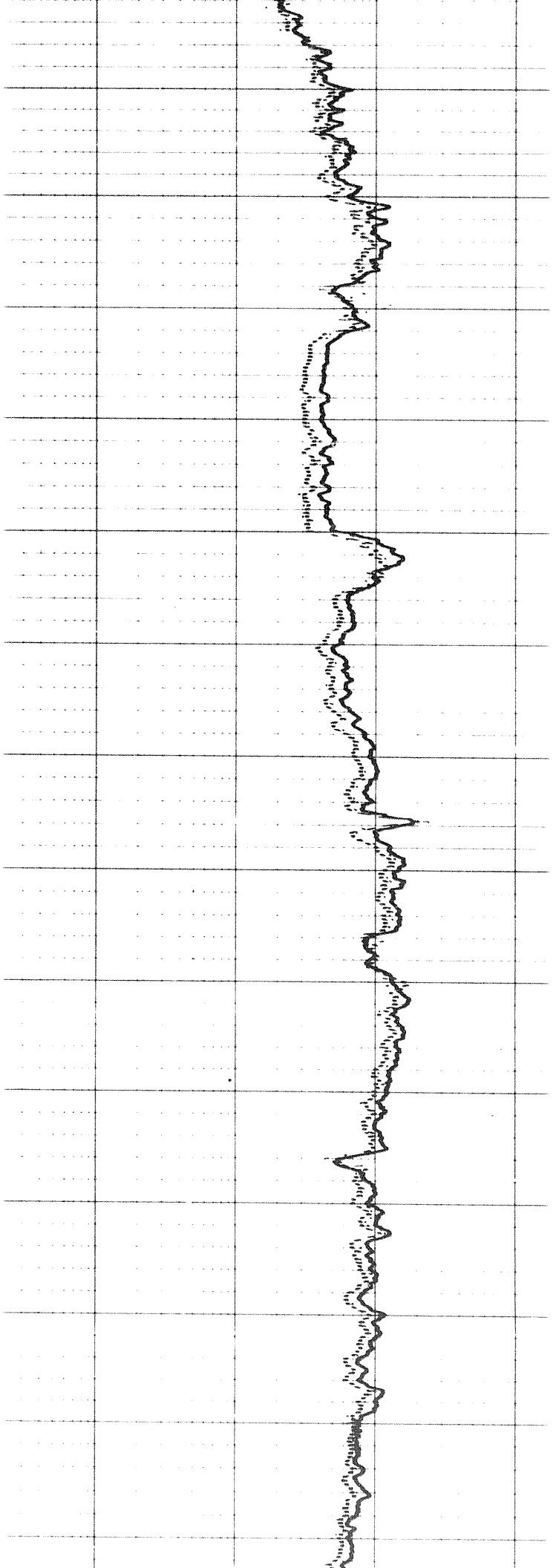


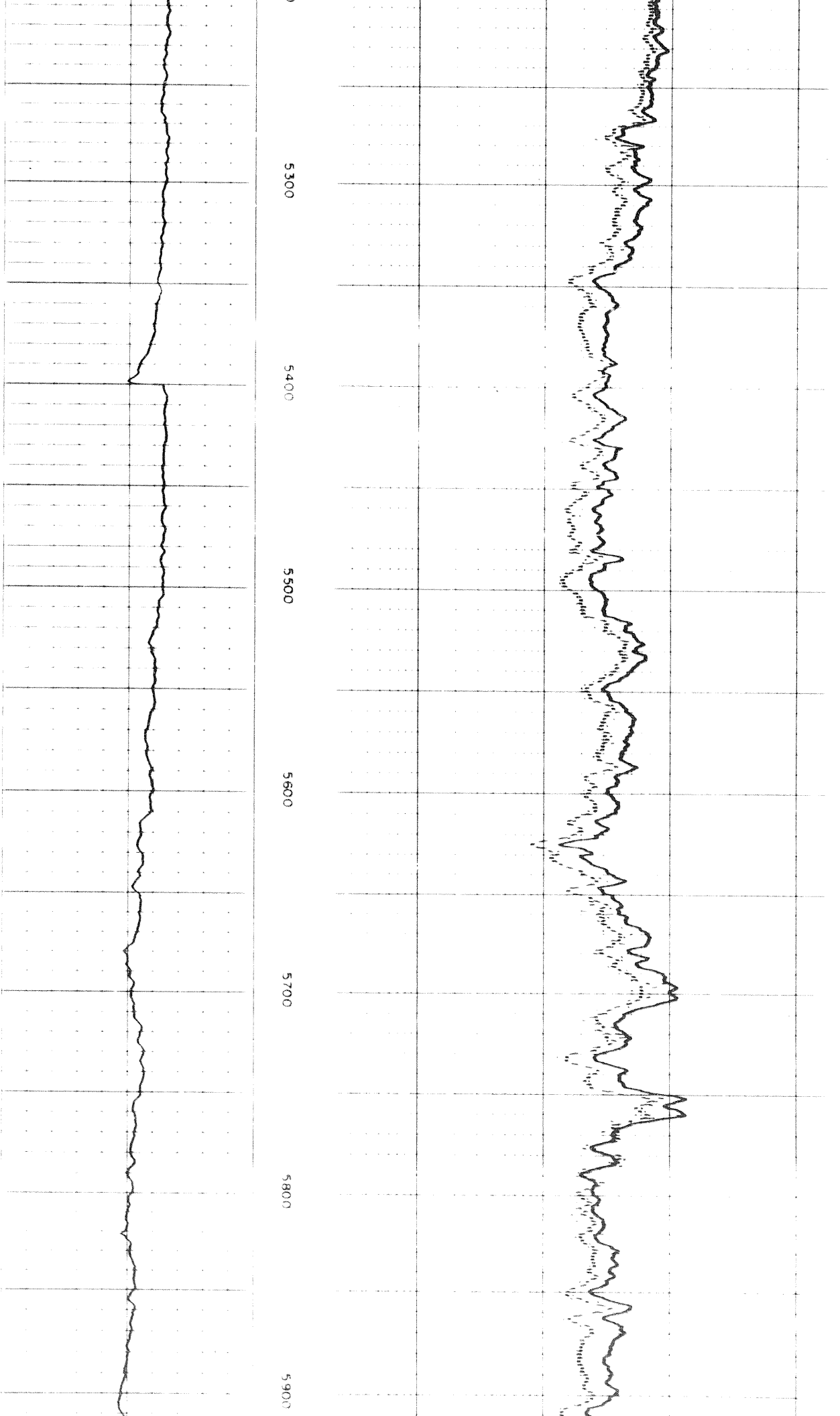


L-07

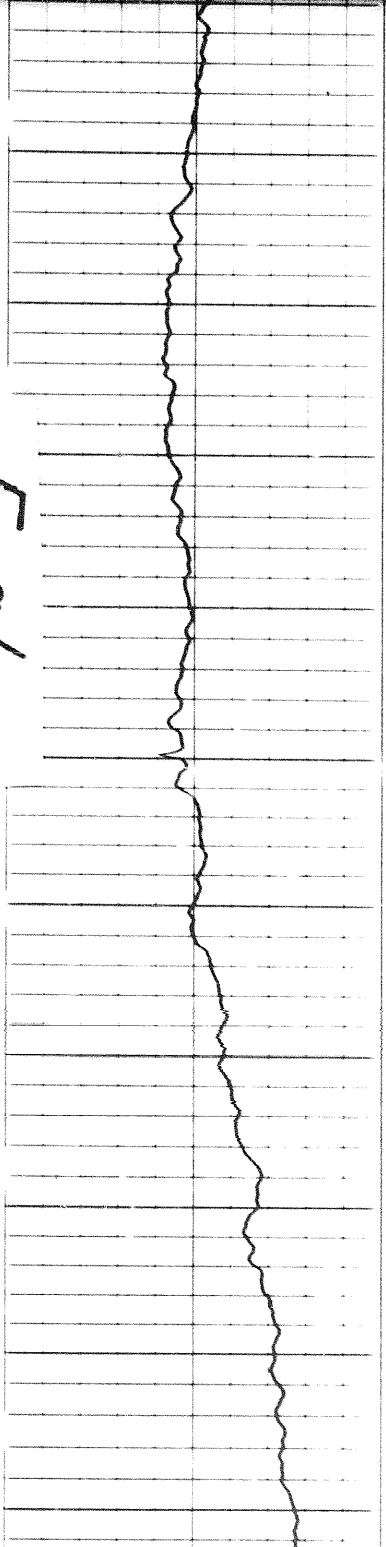


4600 4700 4800 4900 5000 5100 5200





5 of



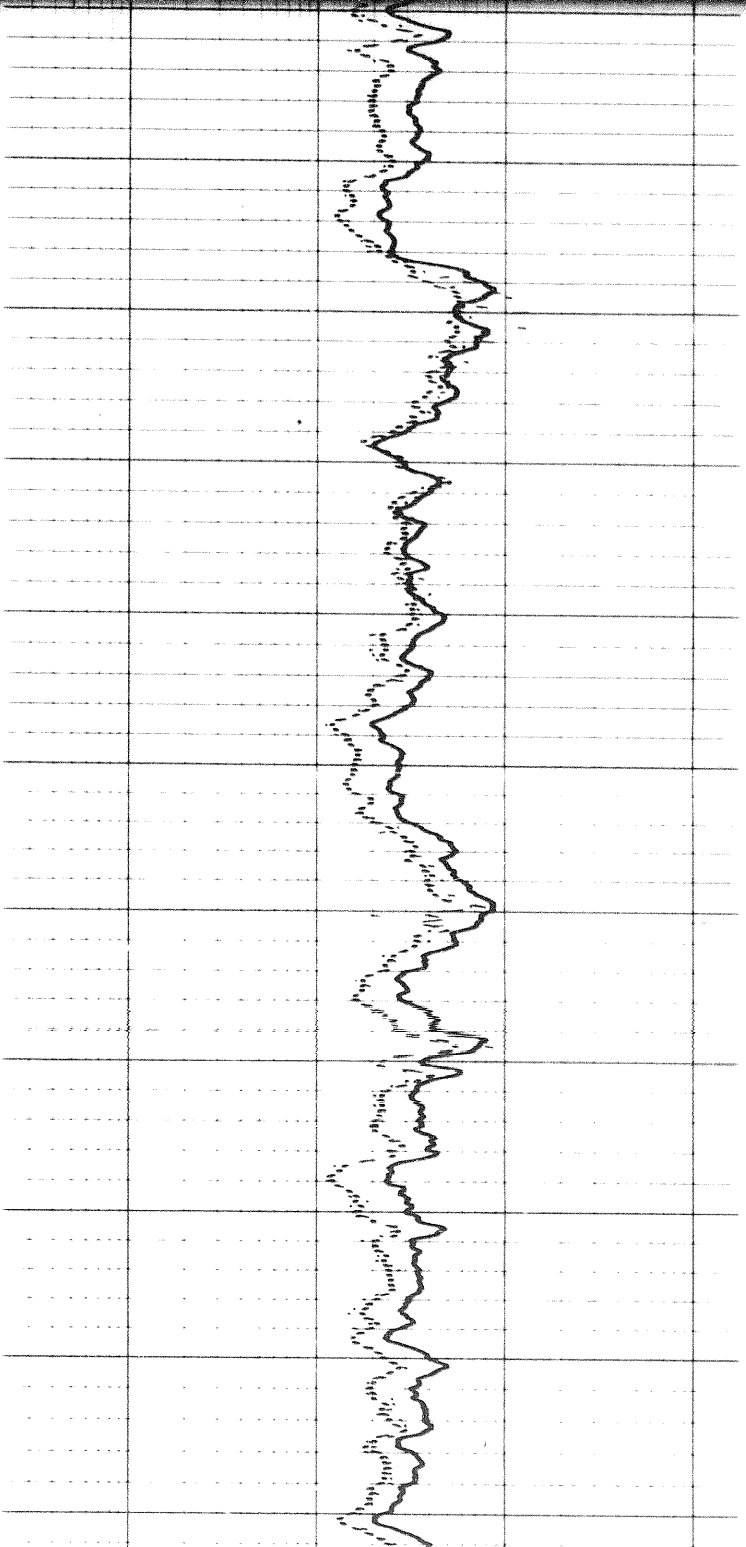
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6000

6100

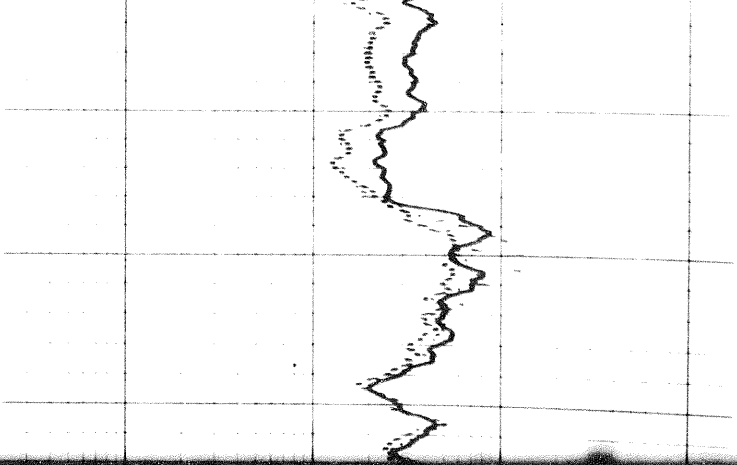
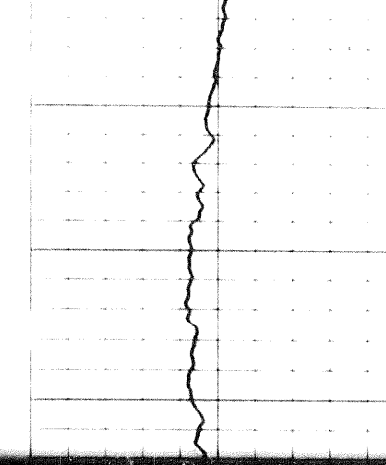
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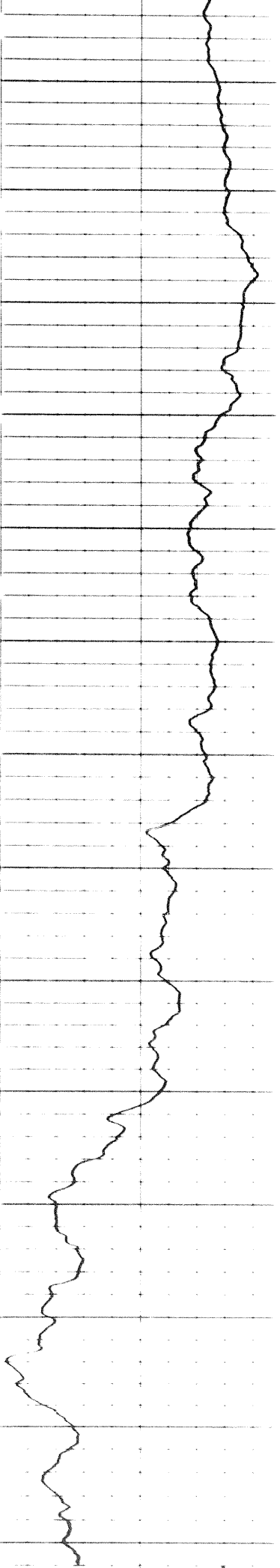
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5900

6000





6400

6500

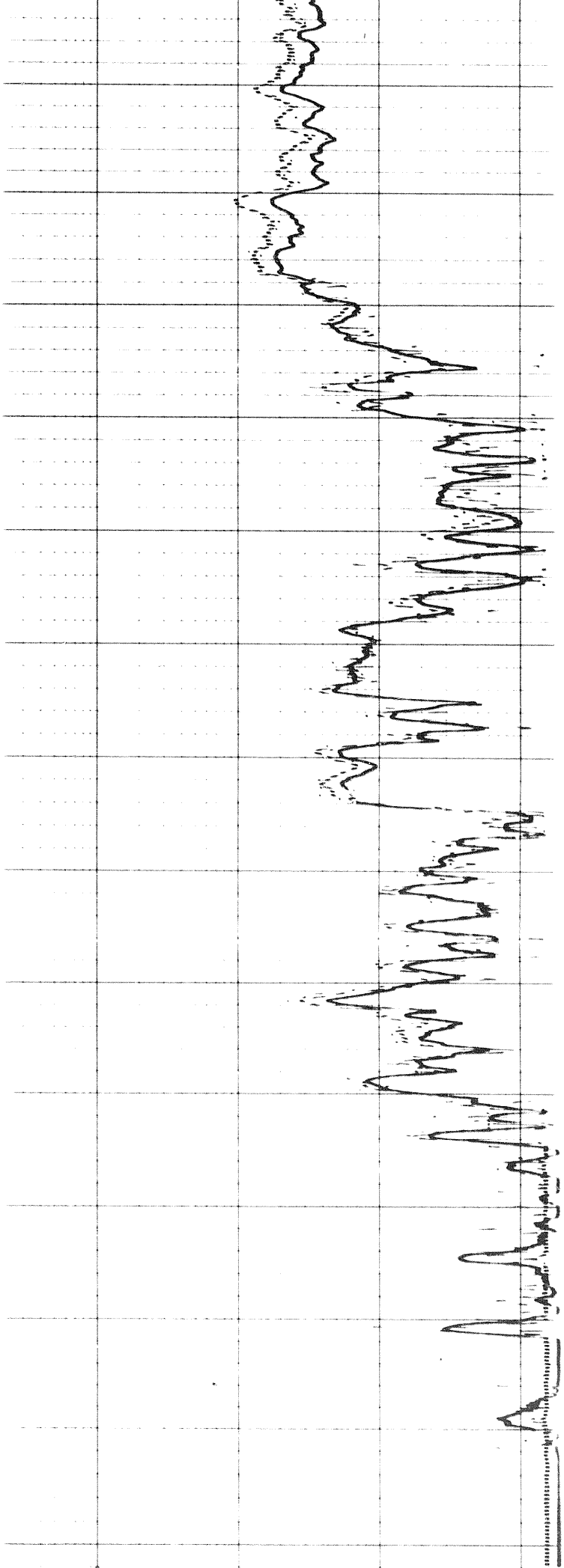
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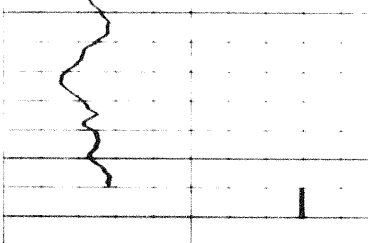
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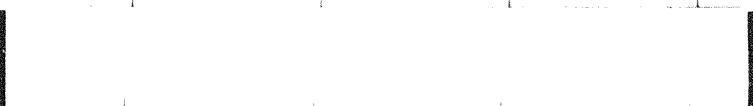
6900

FR 7000





FR
7000



Speed in FPM

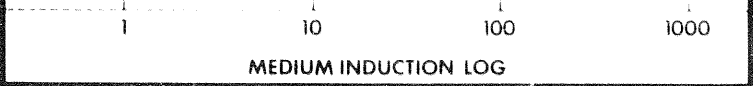
10



DEEP INDUCTION LOG



MEDIUM INDUCTION LOG



LATEROLOG-8

SPONTANEOUS - POTENTIAL
millivolts

DEPTHS

RESISTIVITY
ohms m/m

DETAIL LOG 5" = 100' RUN 1

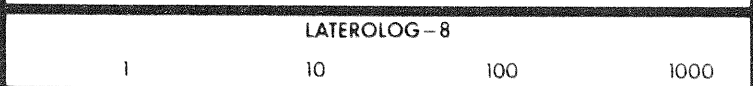
SPONTANEOUS - POTENTIAL
millivolts

DEPTHS

RESISTIVITY
ohms m/m

Speed in FPM

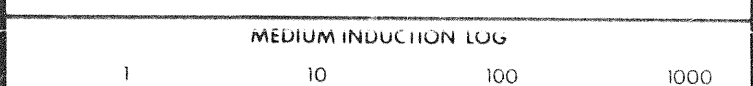
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LATEROLOG-8



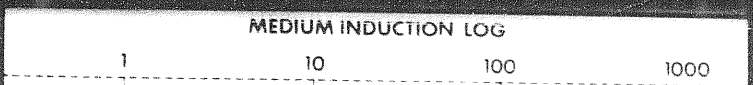
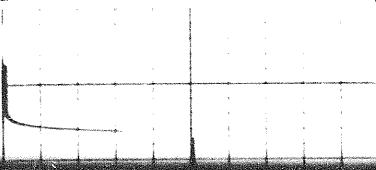
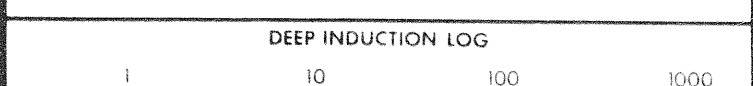
MEDIUM INDUCTION LOG



DEEP INDUCTION LOG



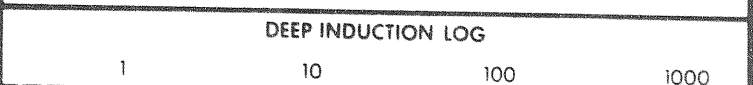
Calibration after Survey



MEDIUM INDUCTION LOG



DEEP INDUCTION LOG



DEEP INDUCTION LOG

1

10

100

1000

Calibration after Survey

0500

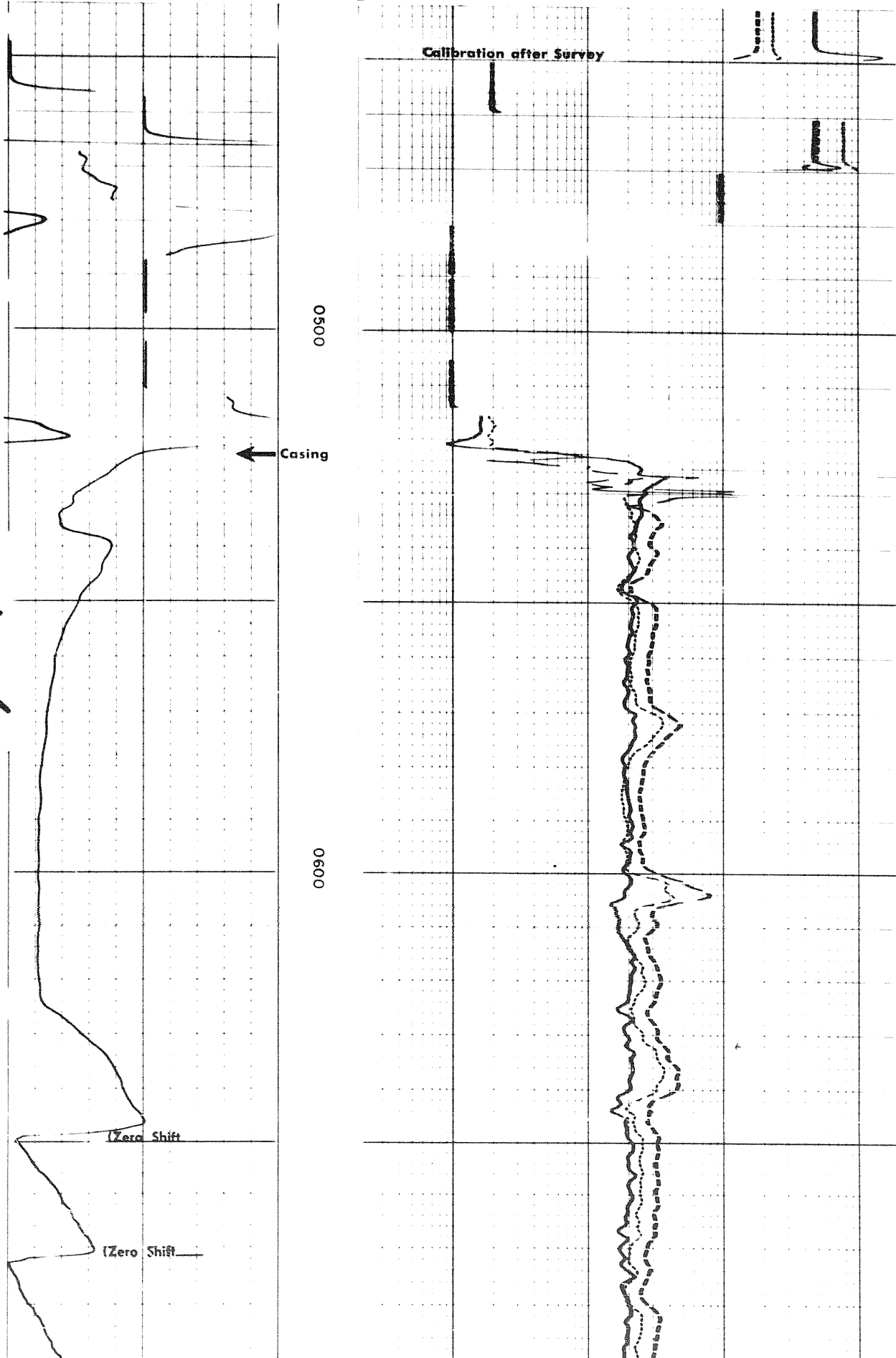
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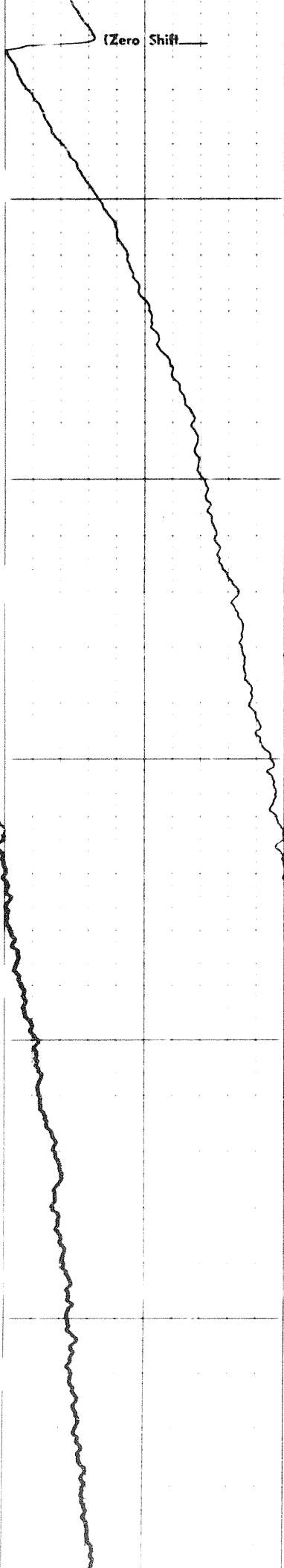
0600

(Zero Shift

(Zero Shift

6 of

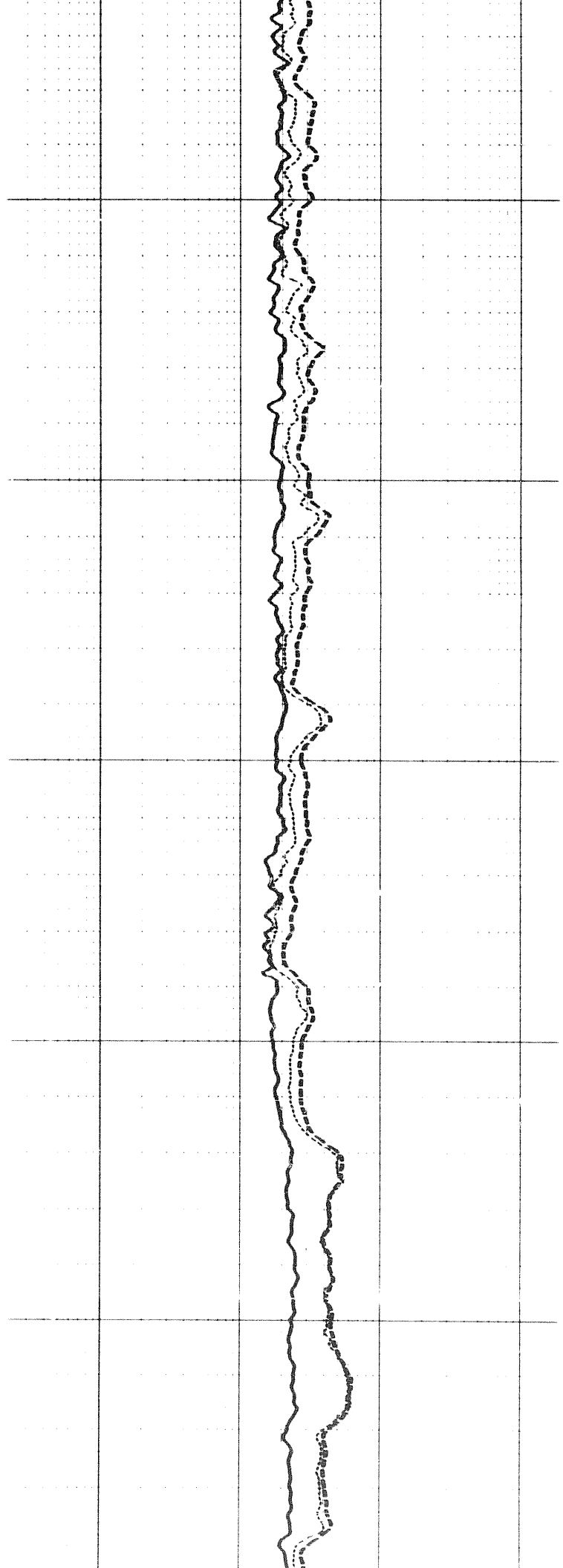


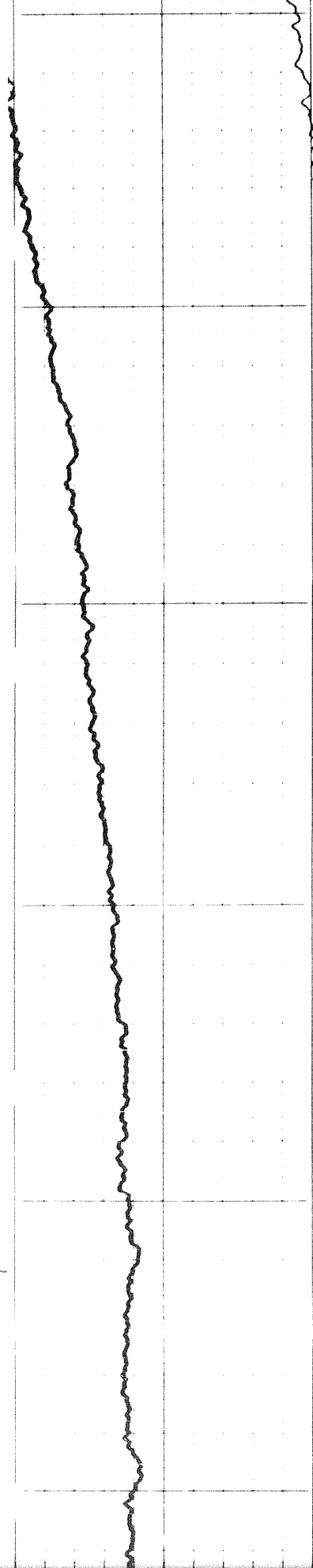


0700

0800

0900

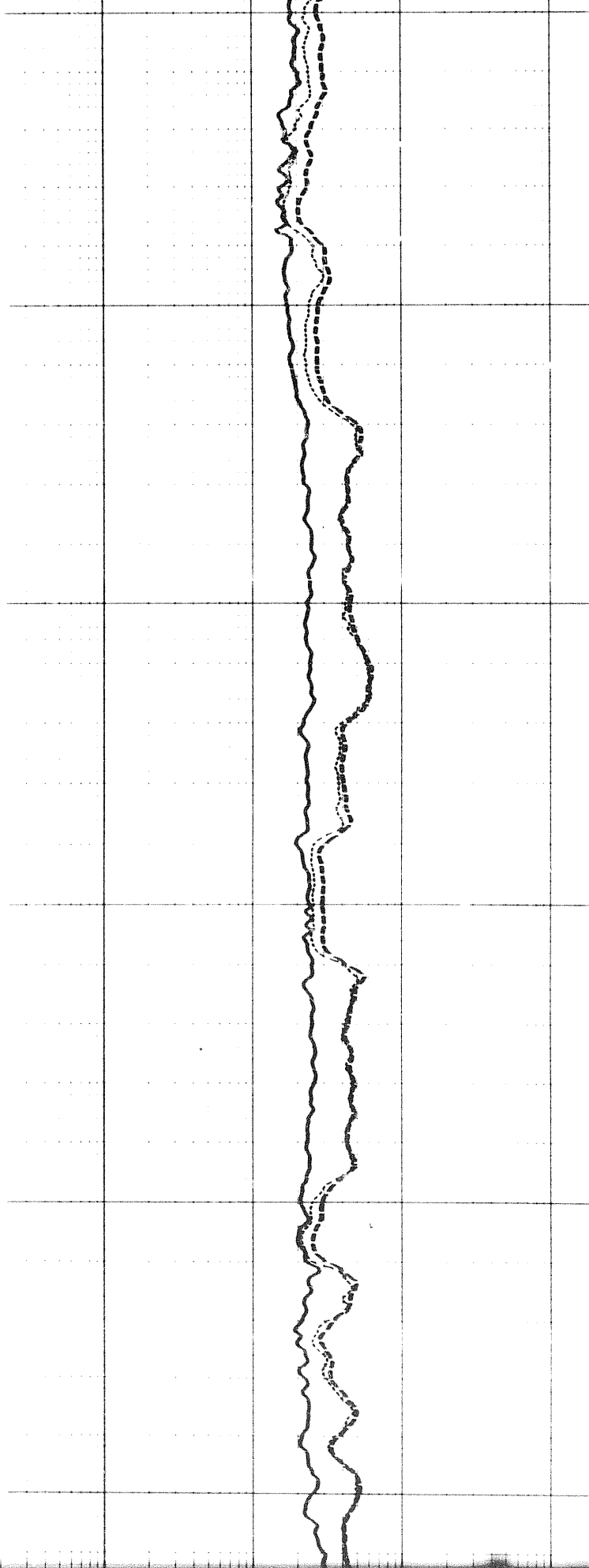


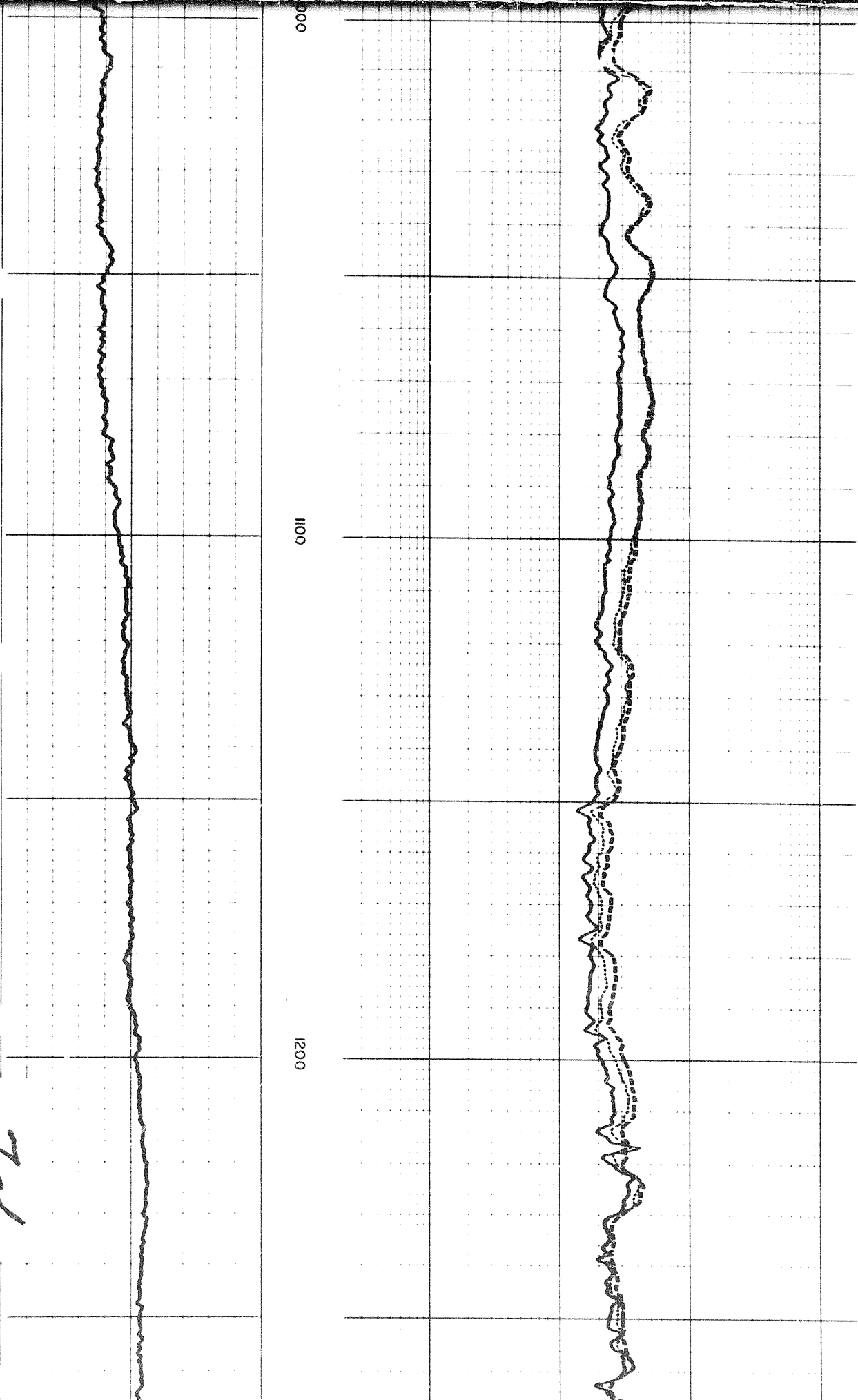


0080

0060

0001



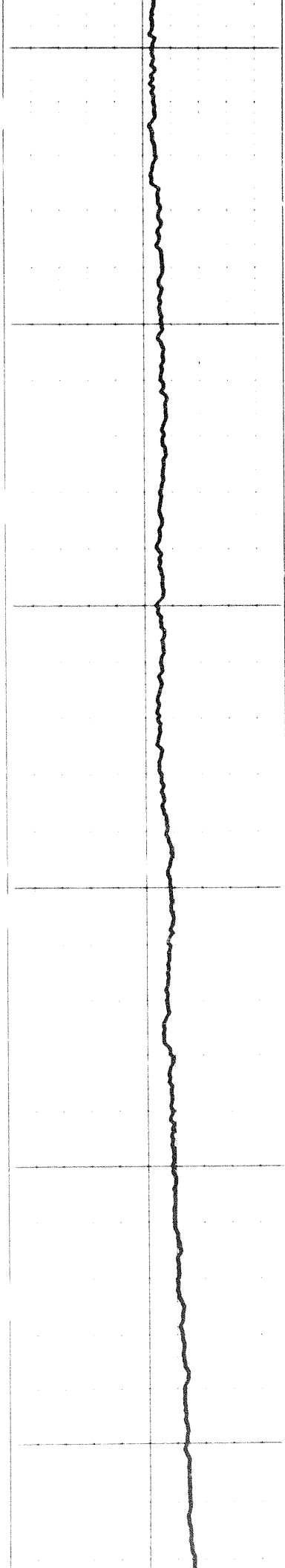


000

1100

1200

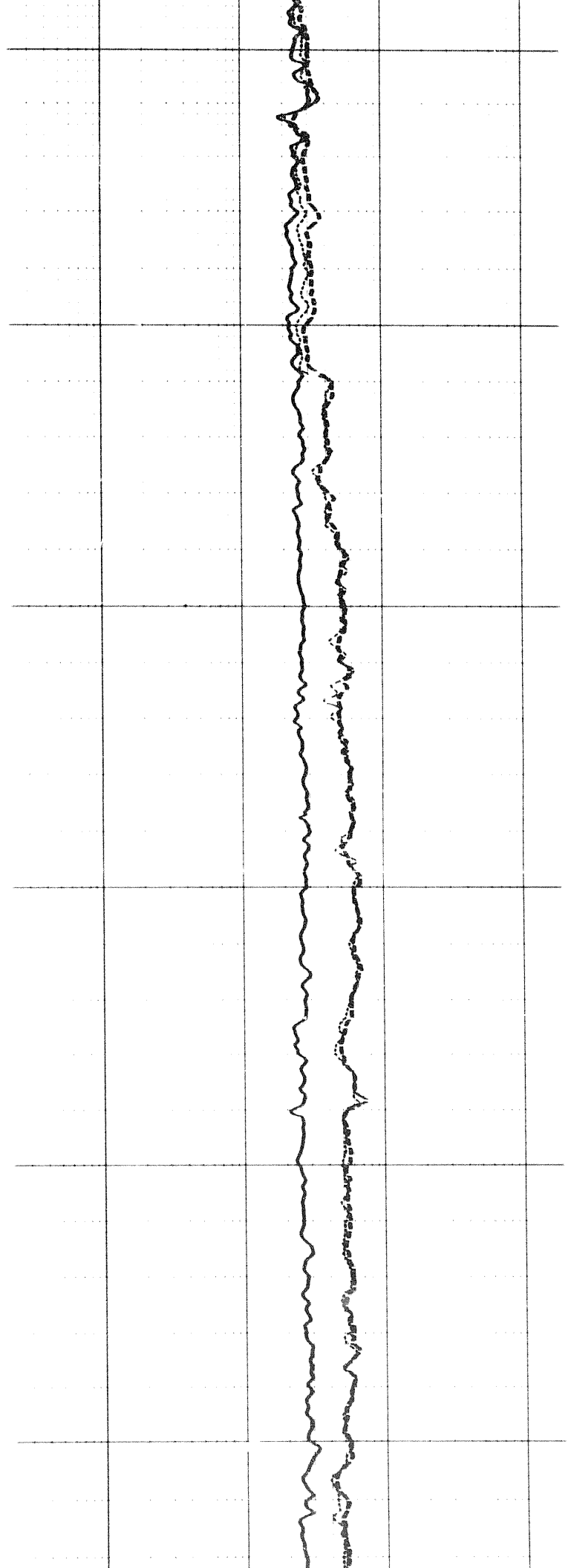
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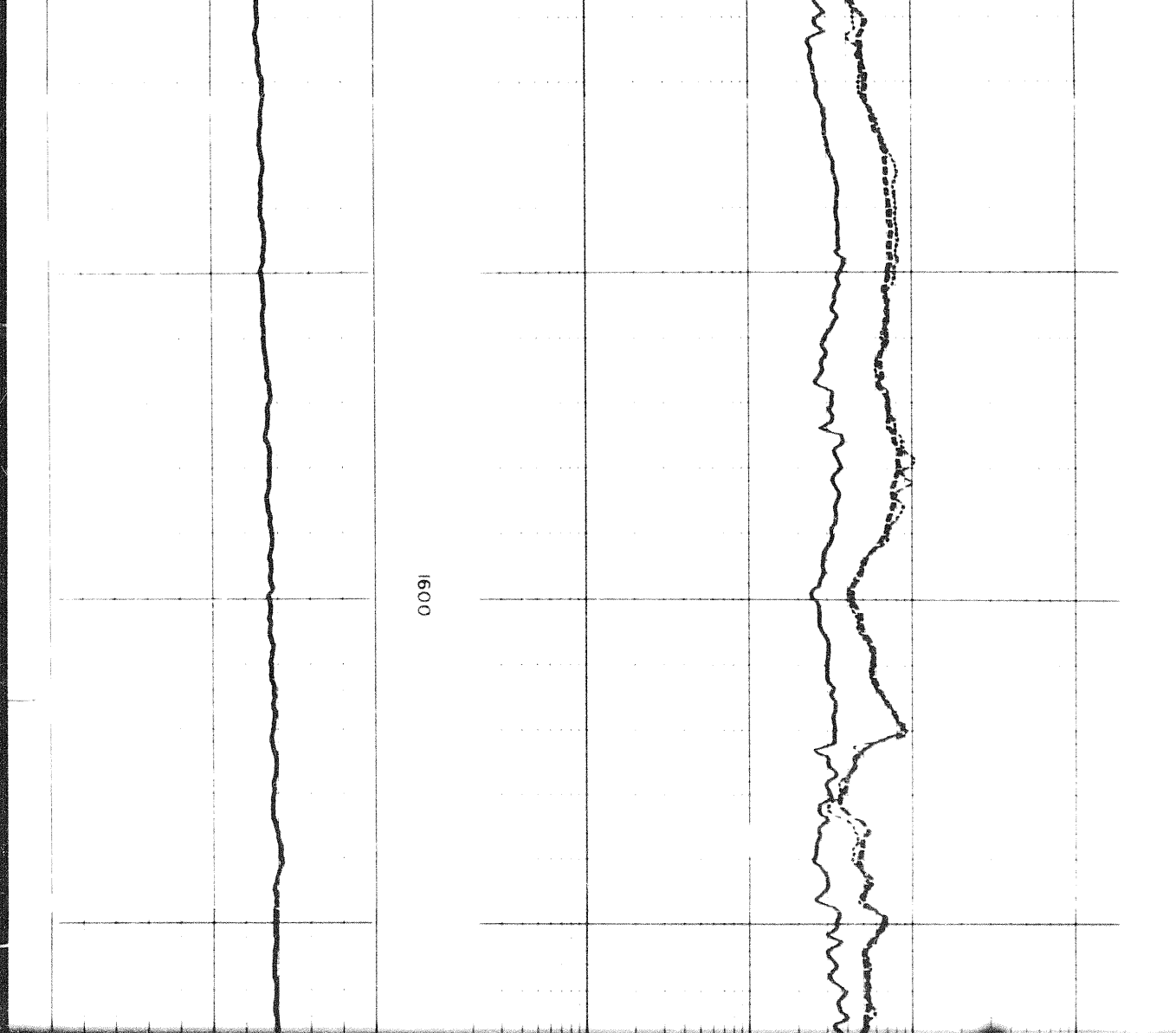


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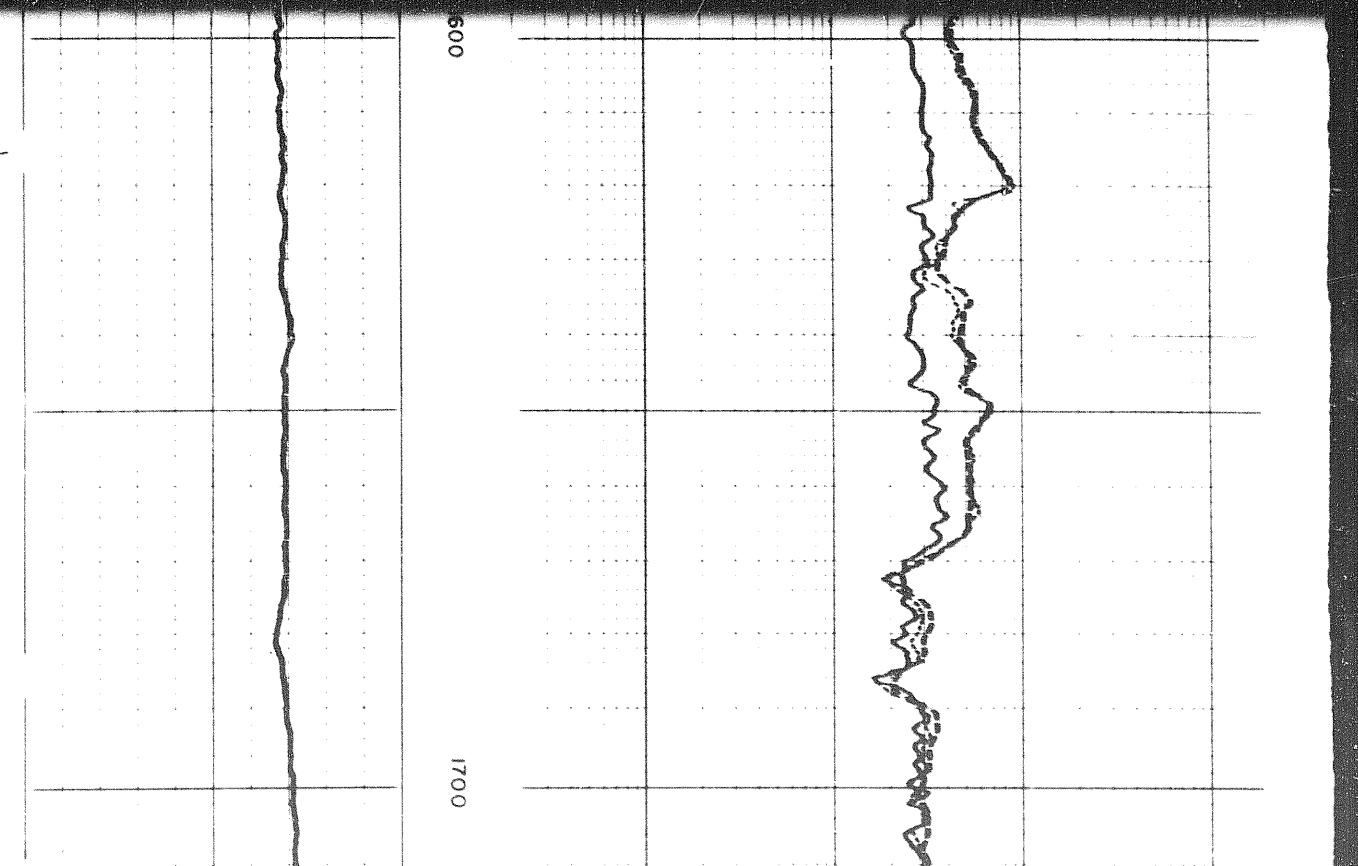
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1500





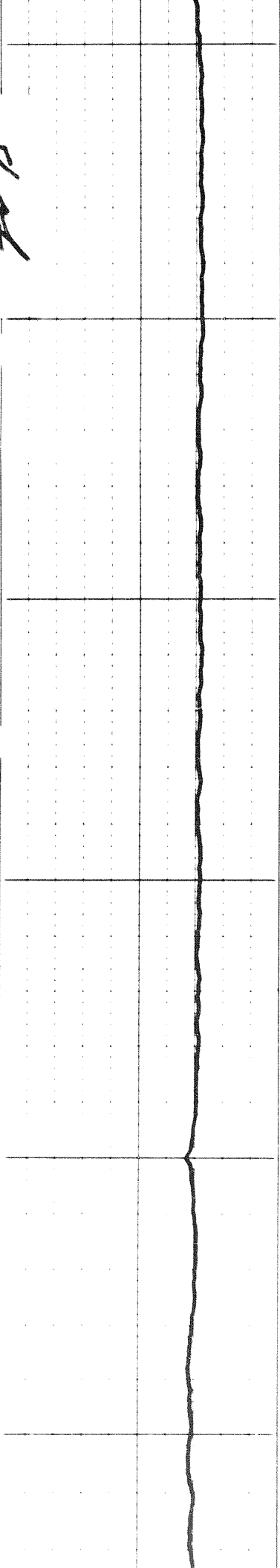
1600



600

1700

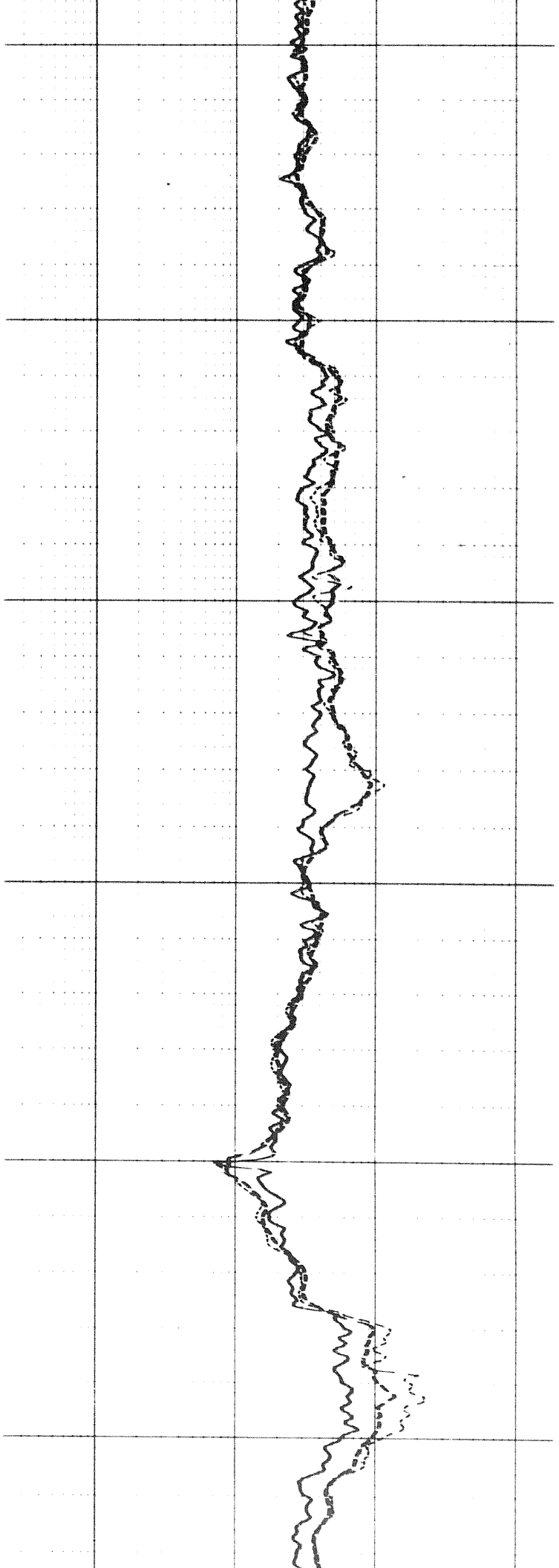
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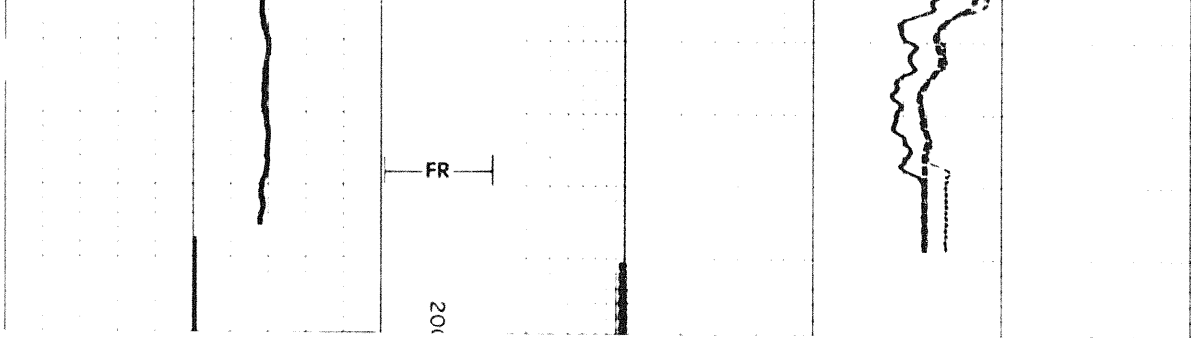


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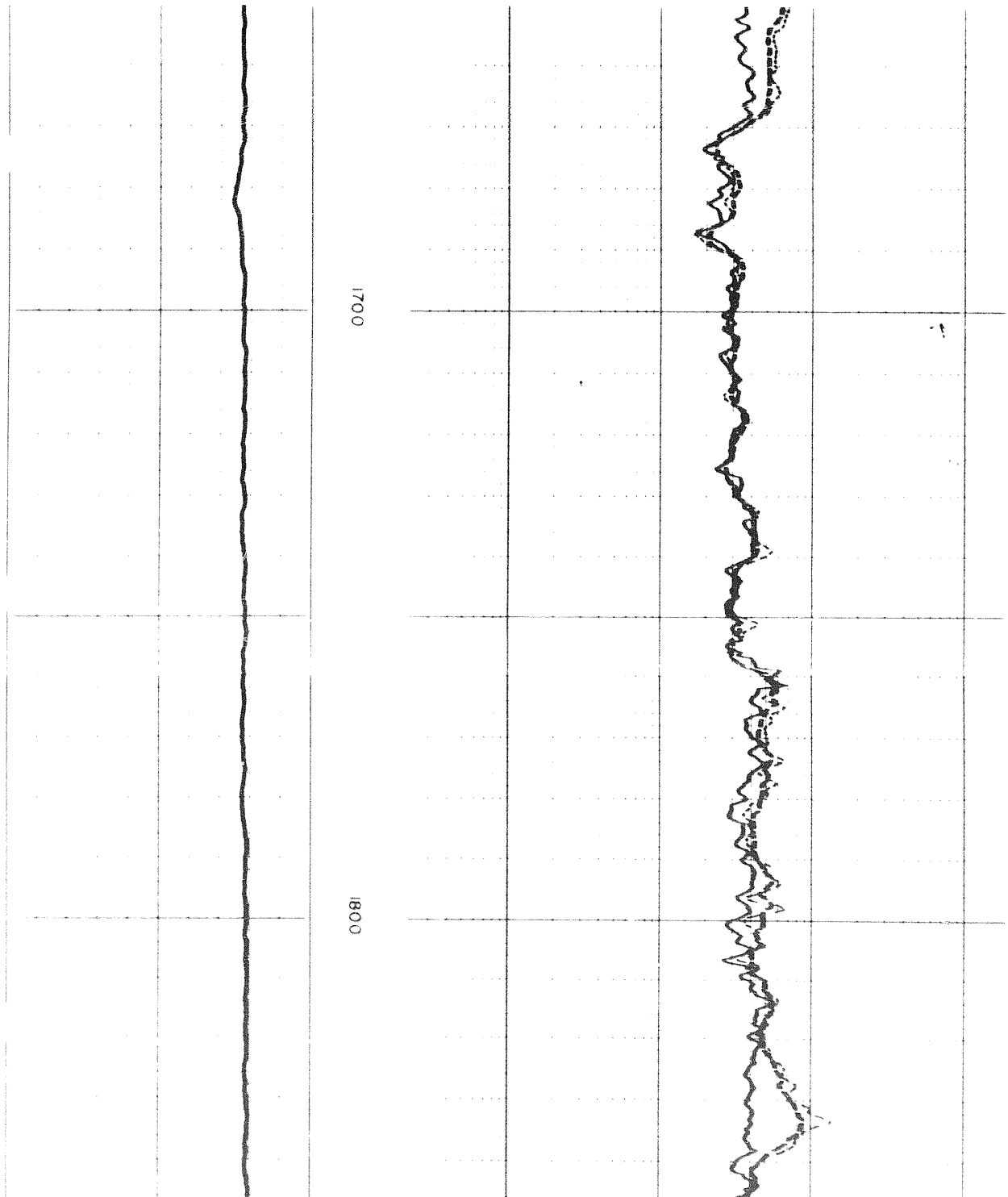
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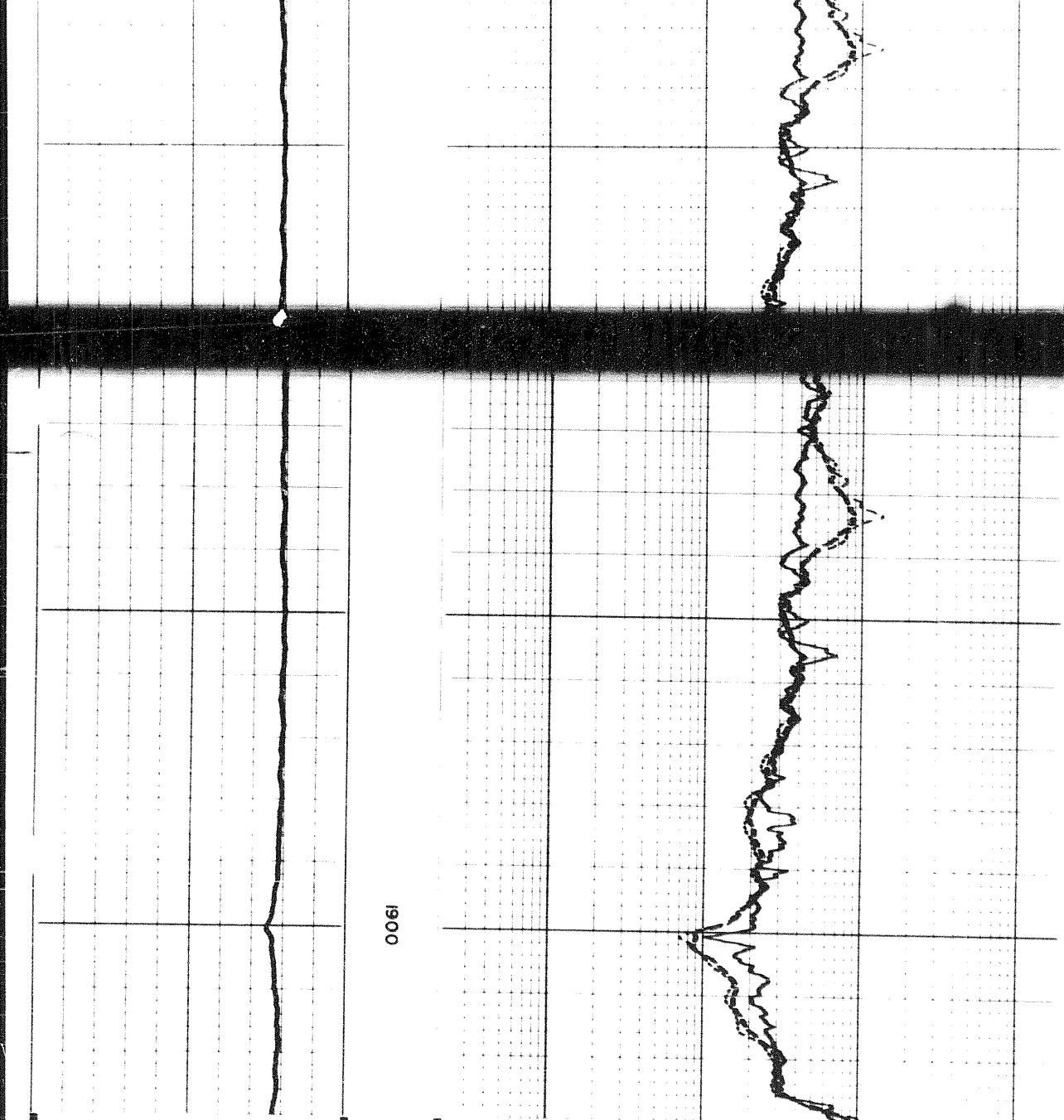
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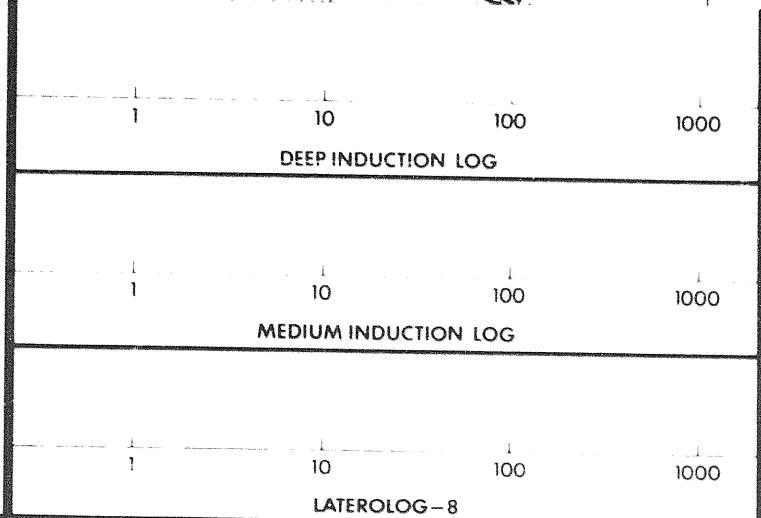


REPEAT SECTION





906
 10
 Speed in FPM



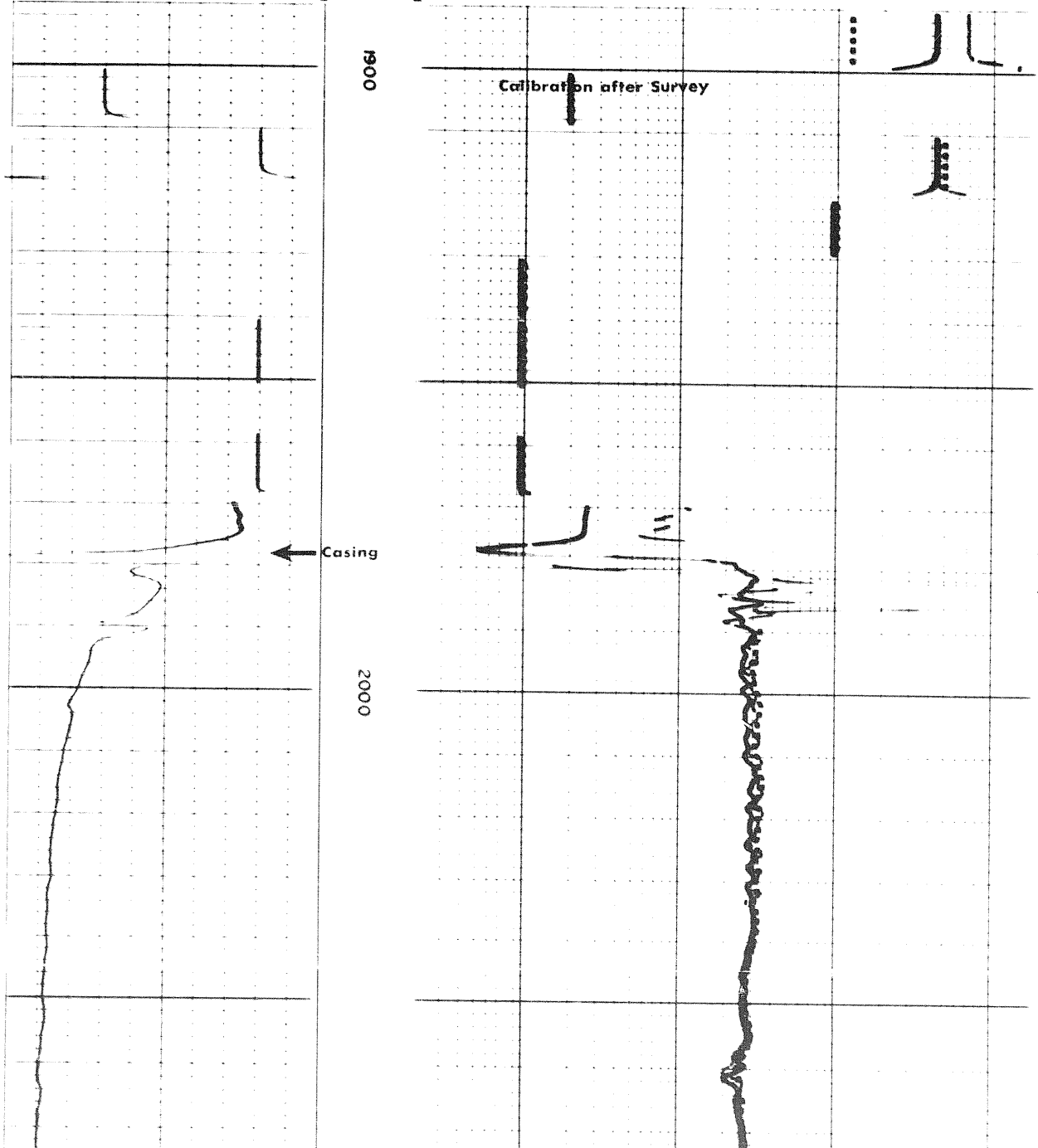
SPONTANEOUS - POTENTIAL millivolts	DEPTH	RESISTIVITY ohms m/m
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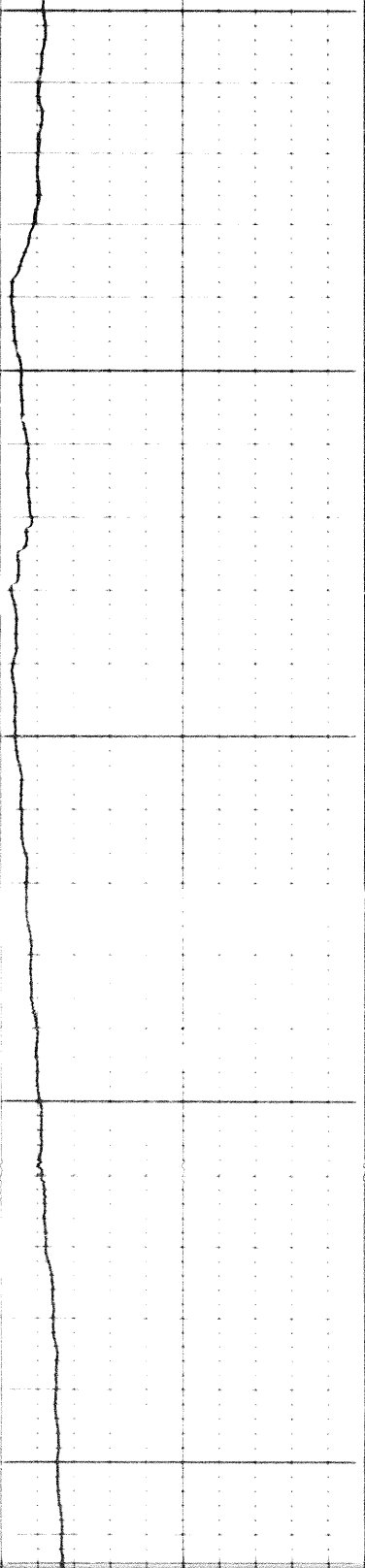
DETAIL LOG 5" = 100' RUN 2

SPONTANEOUS - POTENTIAL millivolts	DEPTH	RESISTIVITY
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SPONTANEOUS - POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms m/m			
10		LATEROLOG-8			
		1	10	100	1000
		MEDIUM INDUCTION LOG			
		1	10	100	1000
		DEEP INDUCTION LOG			
		1	10	100	1000

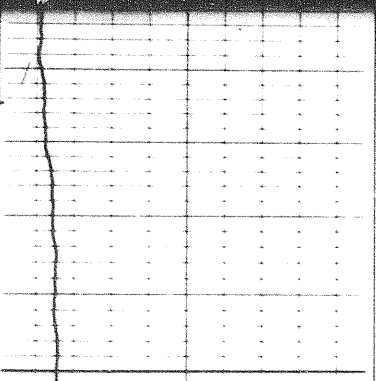
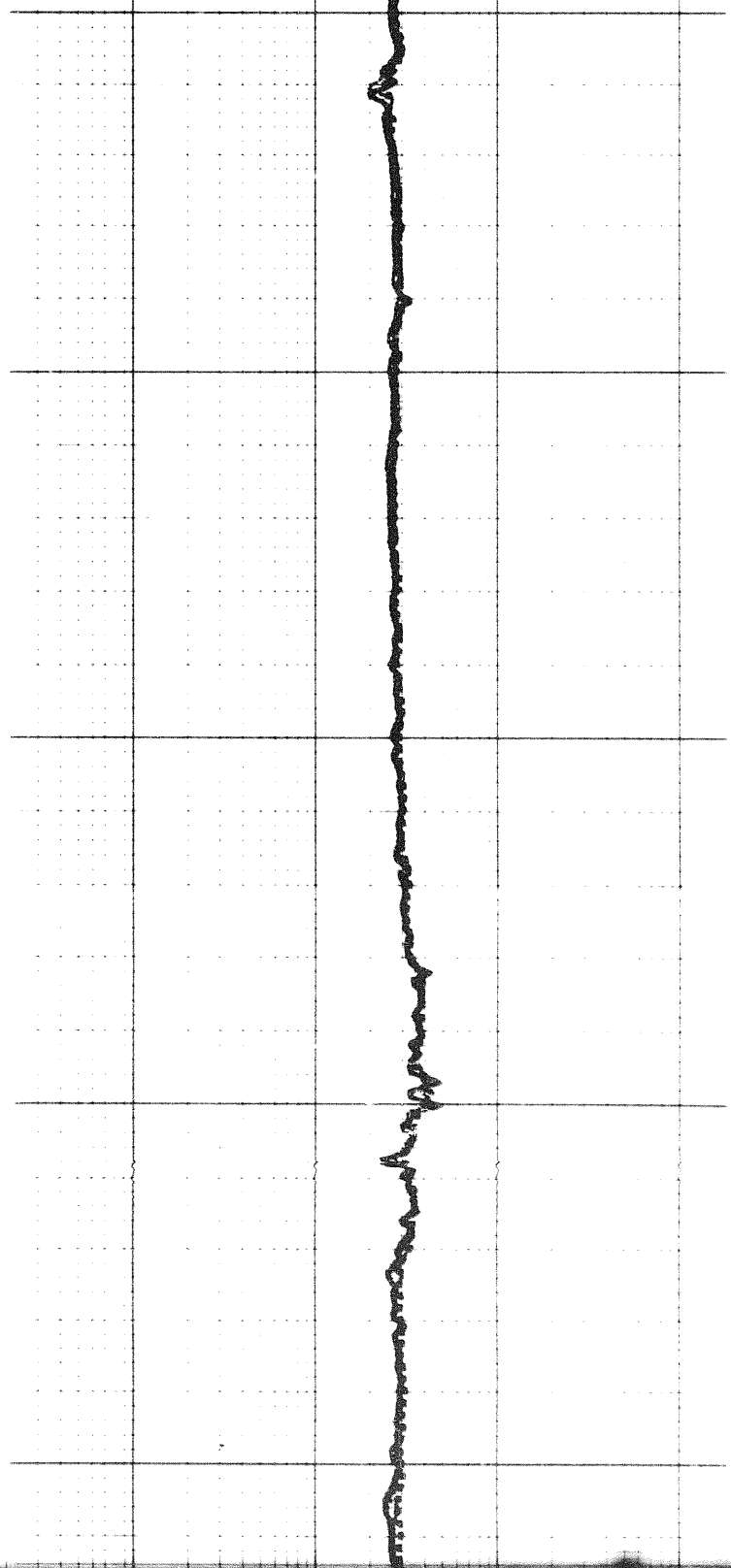
Speed in FPM



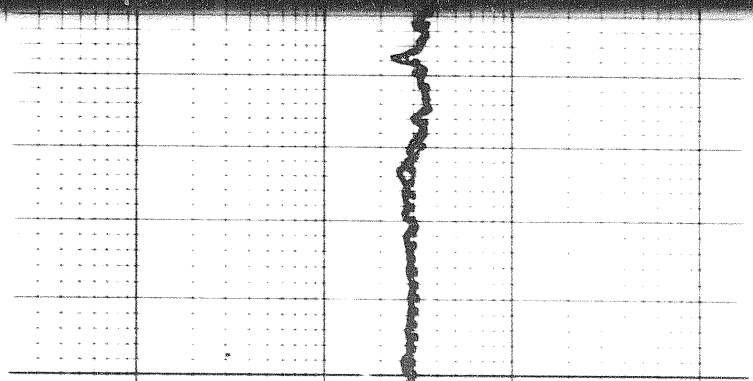


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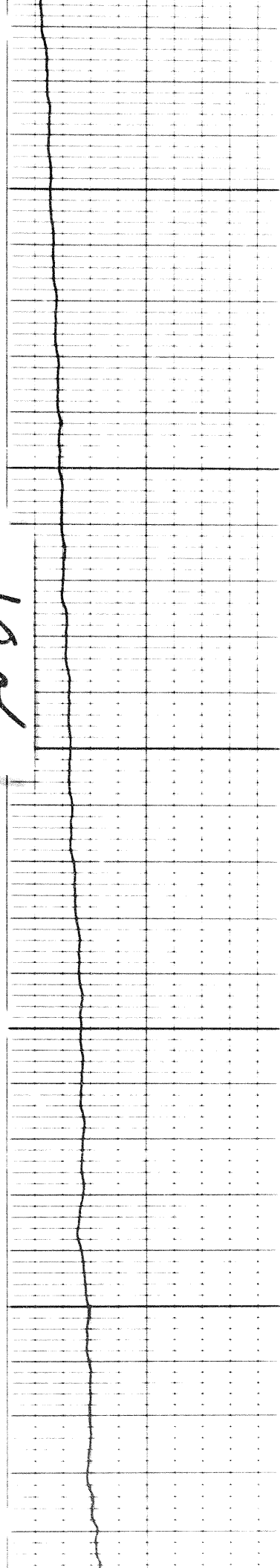
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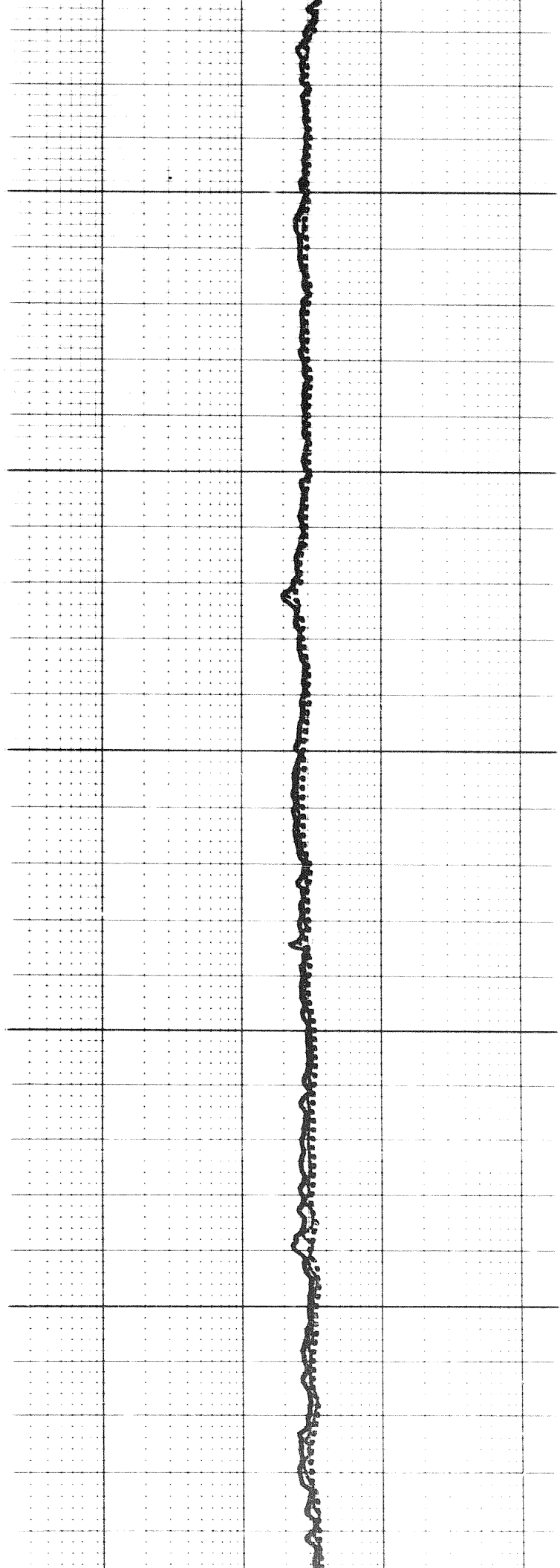


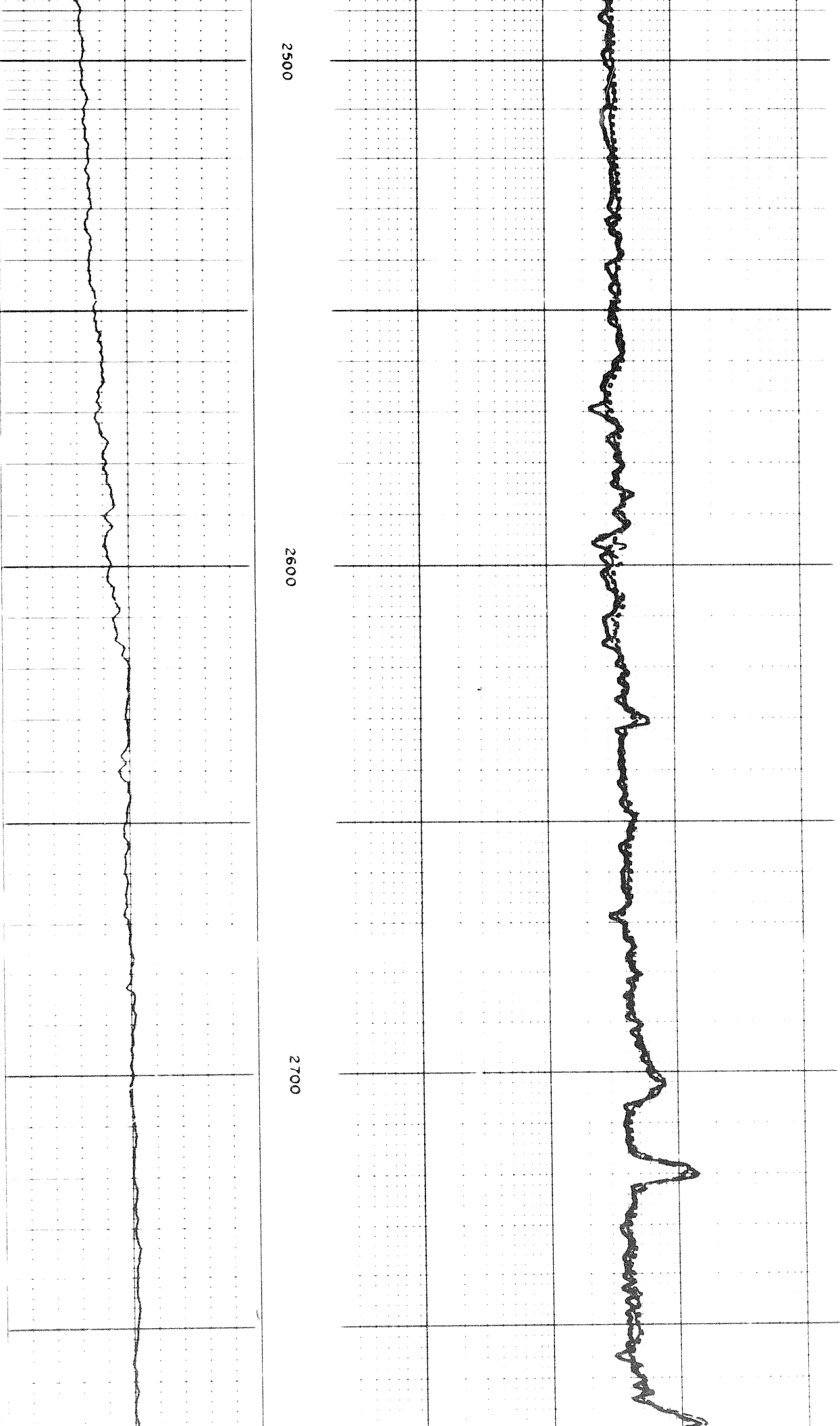
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2300

2400





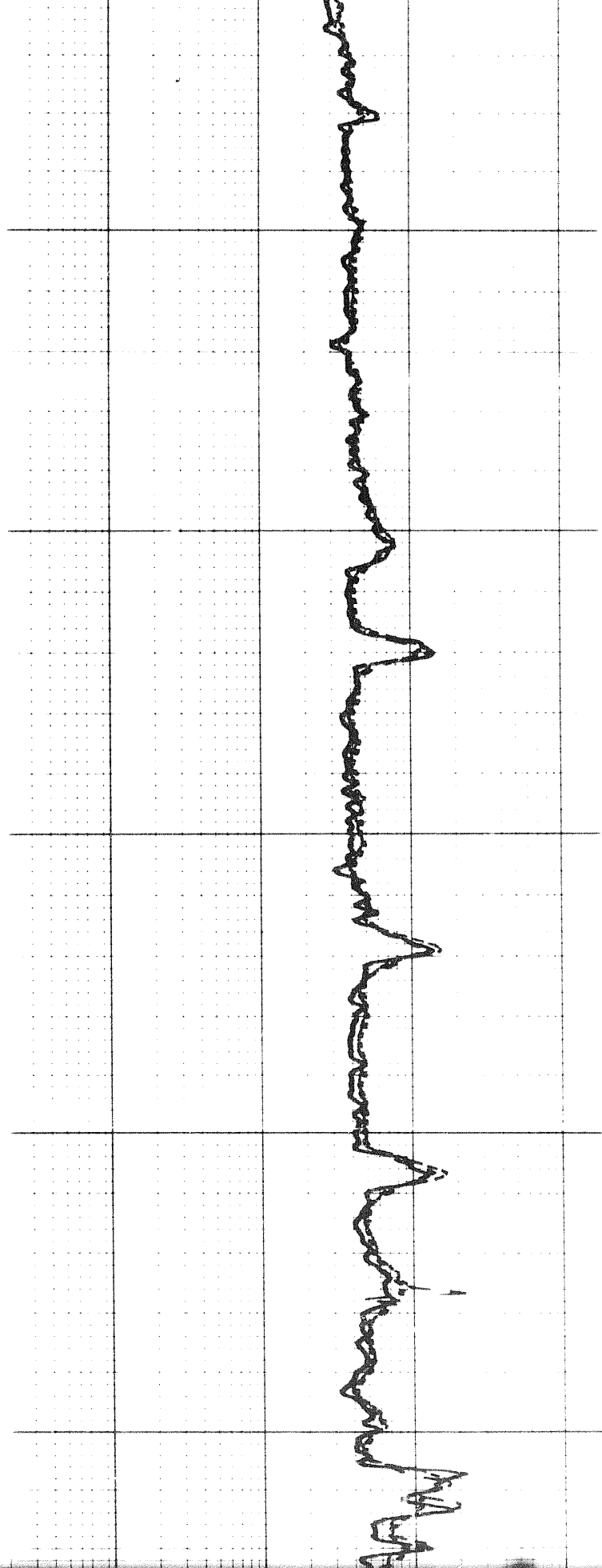
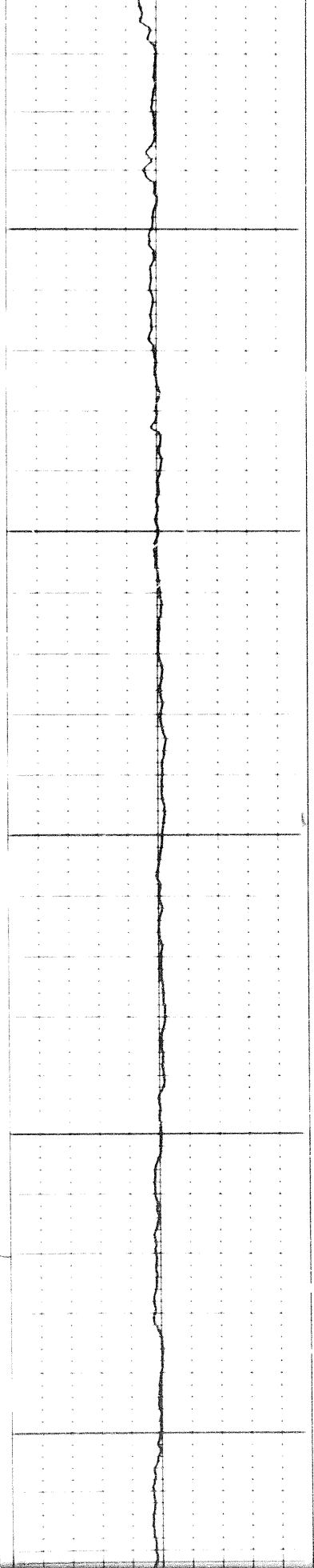
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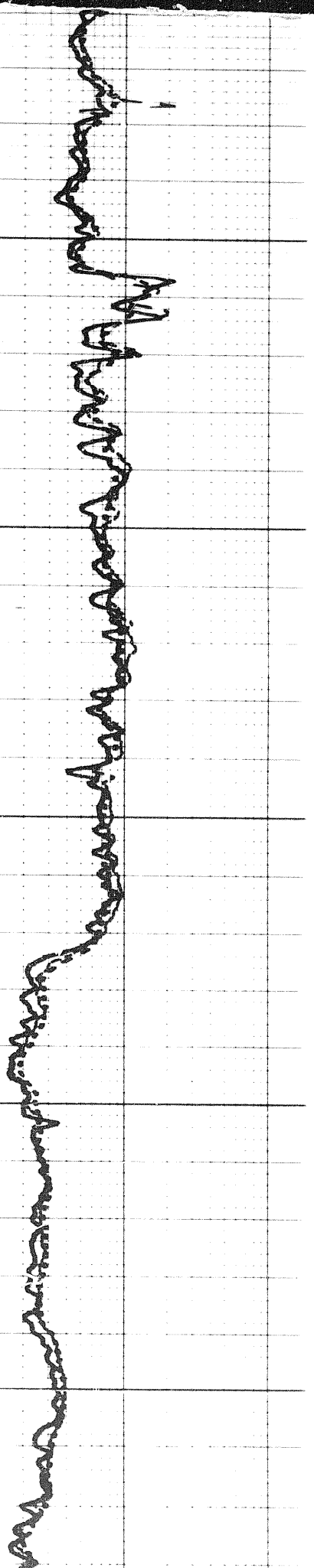
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2700

2700

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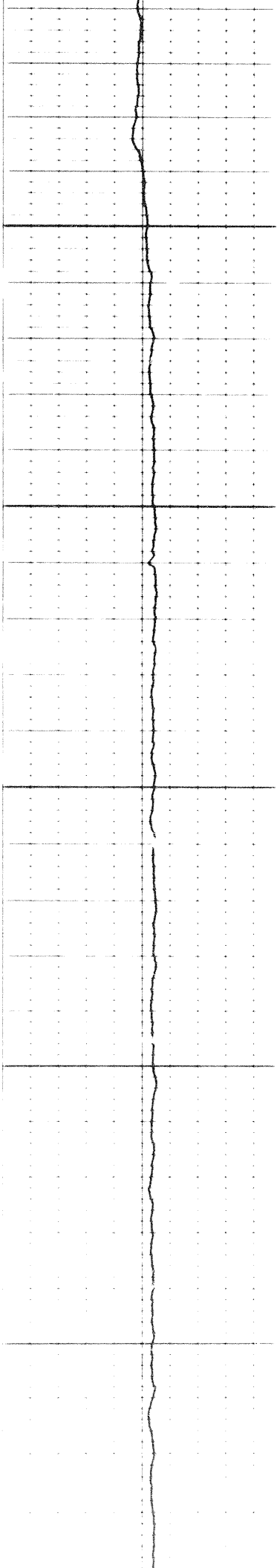




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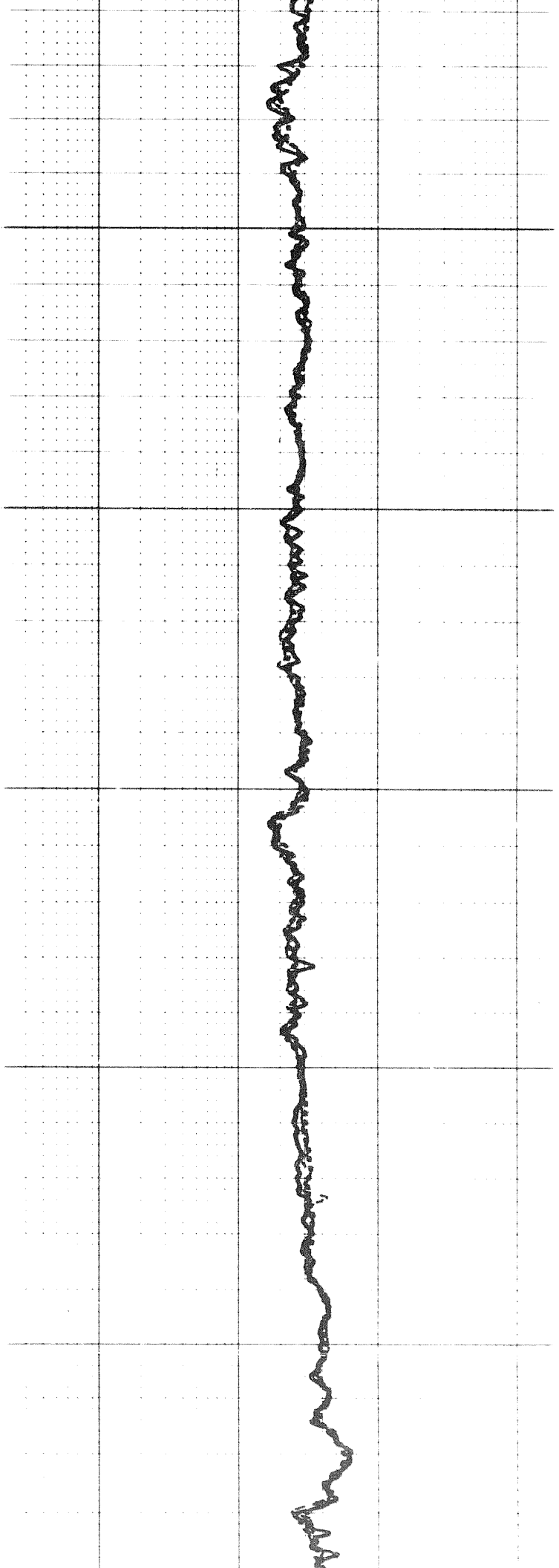
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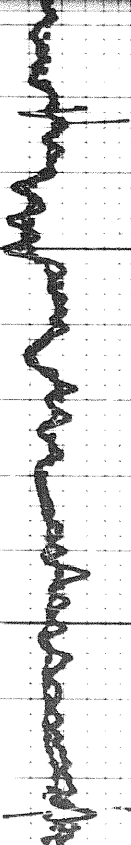


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3200

3300



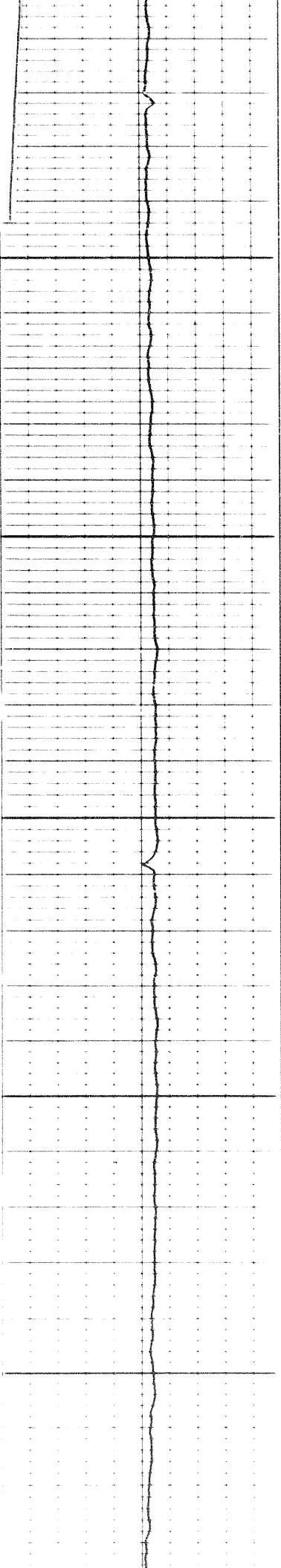


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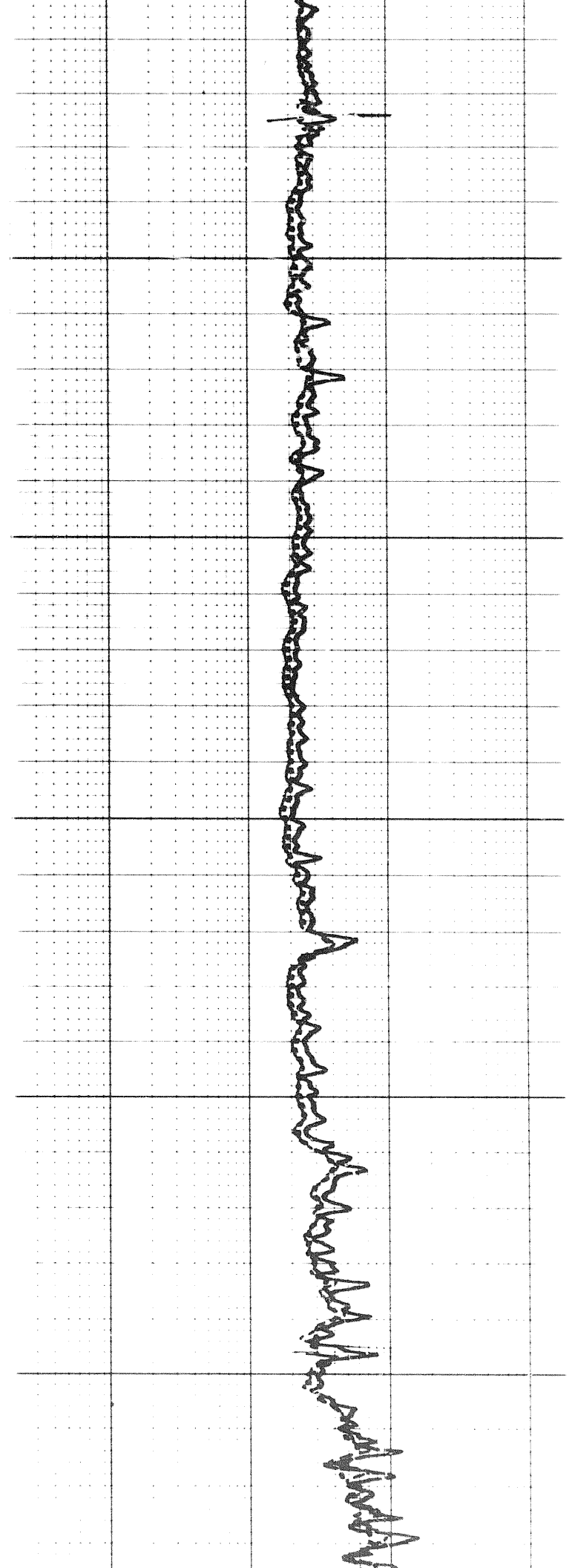
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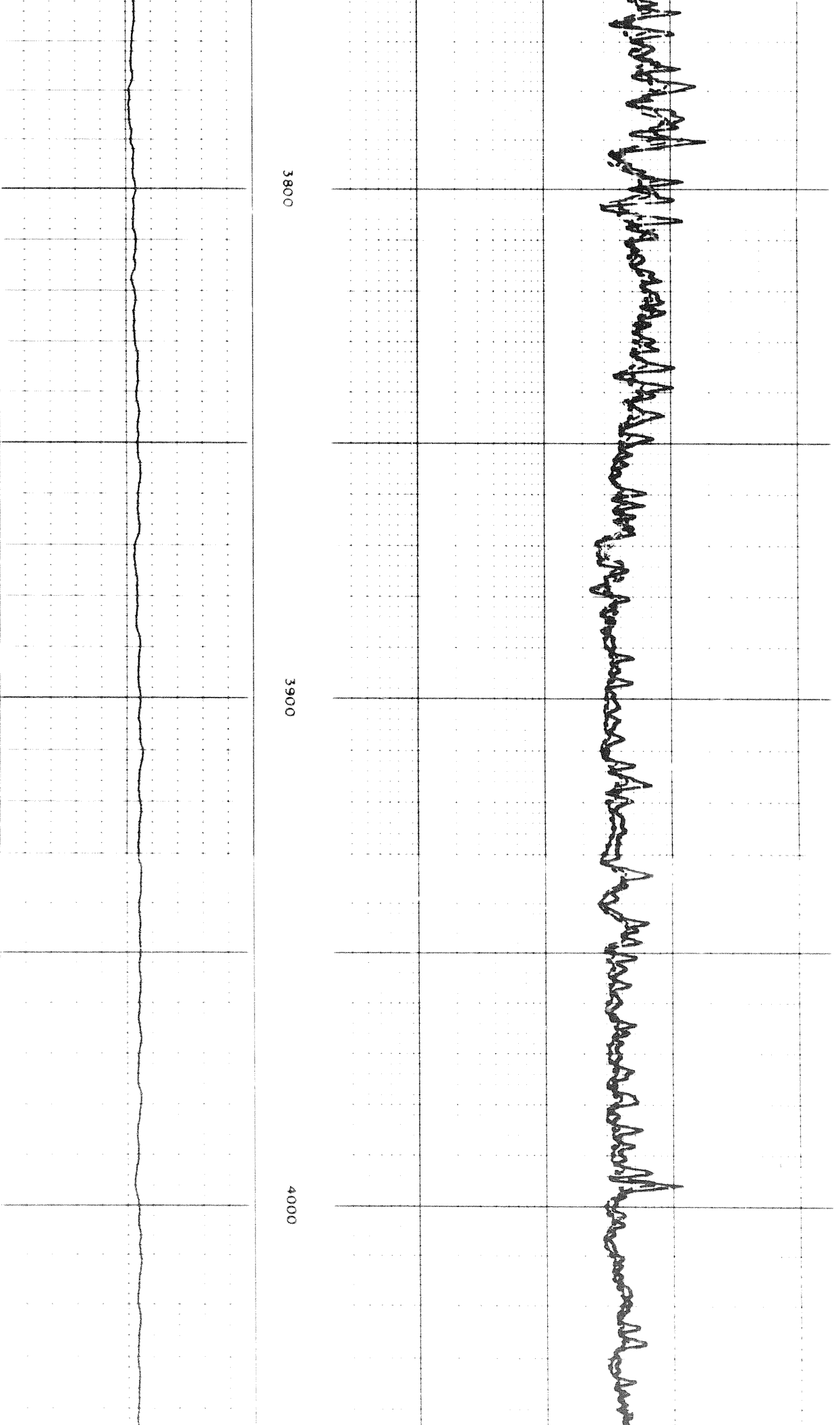
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3600

3700



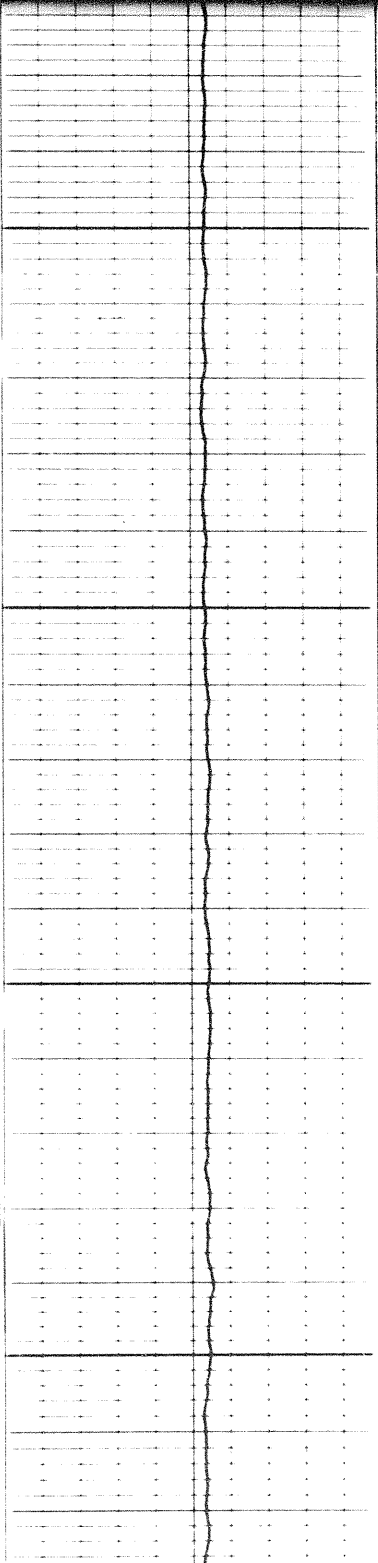


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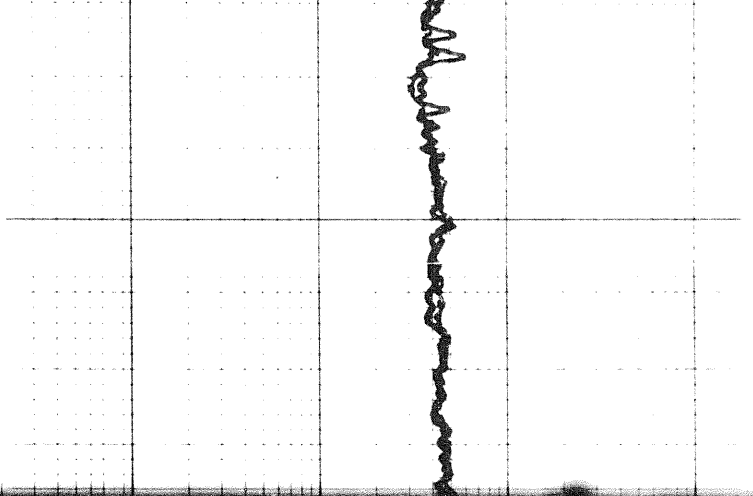
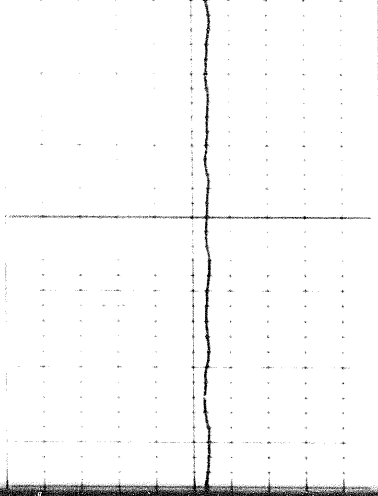
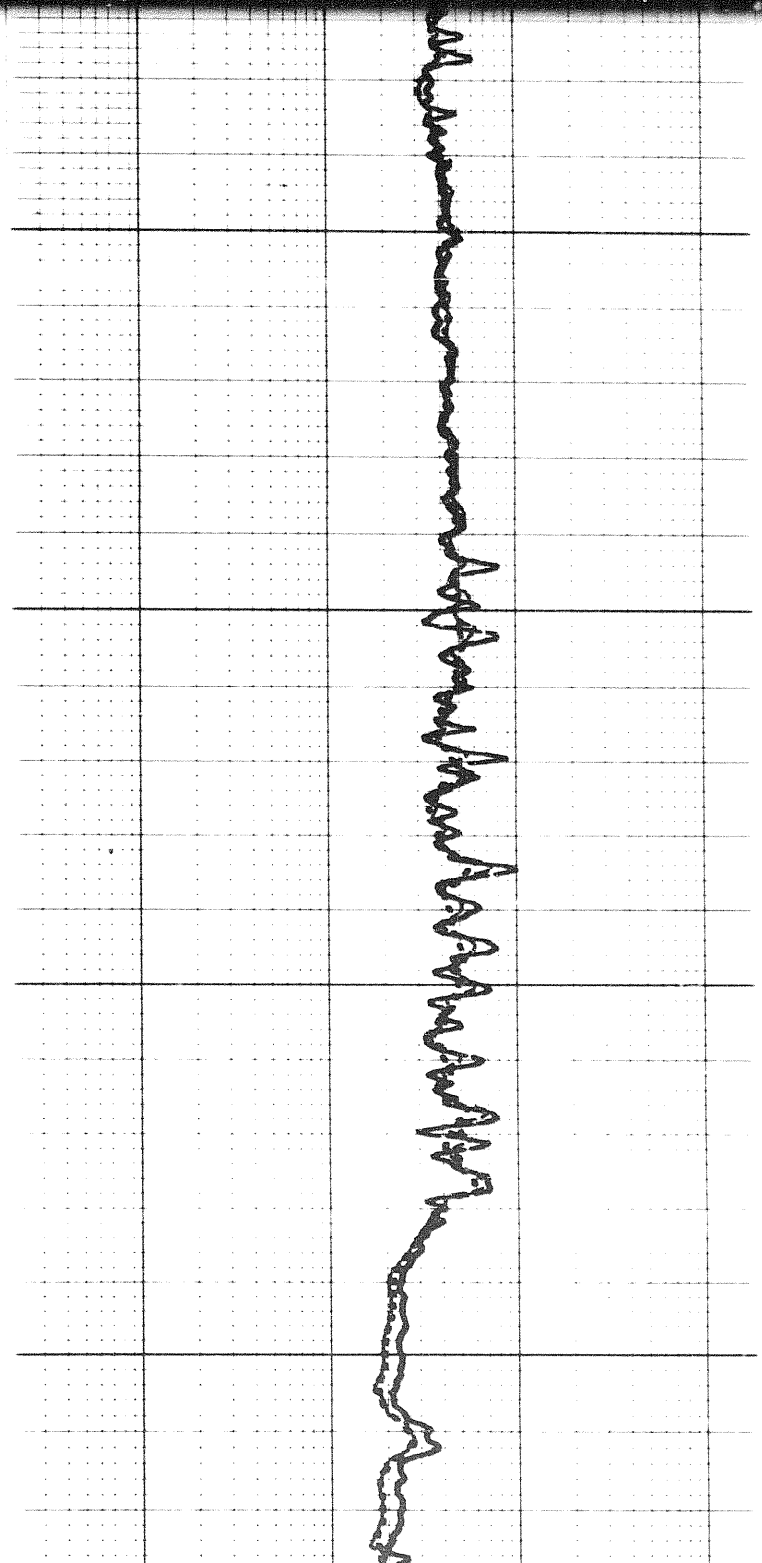
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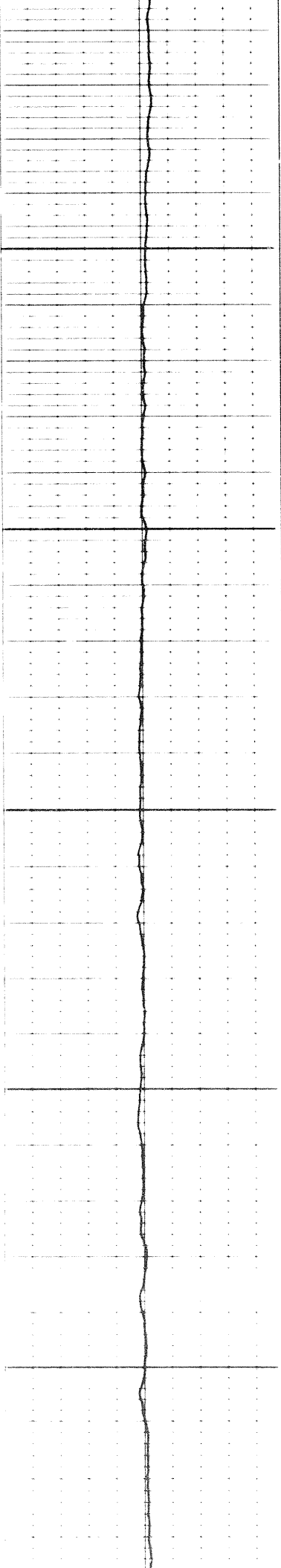
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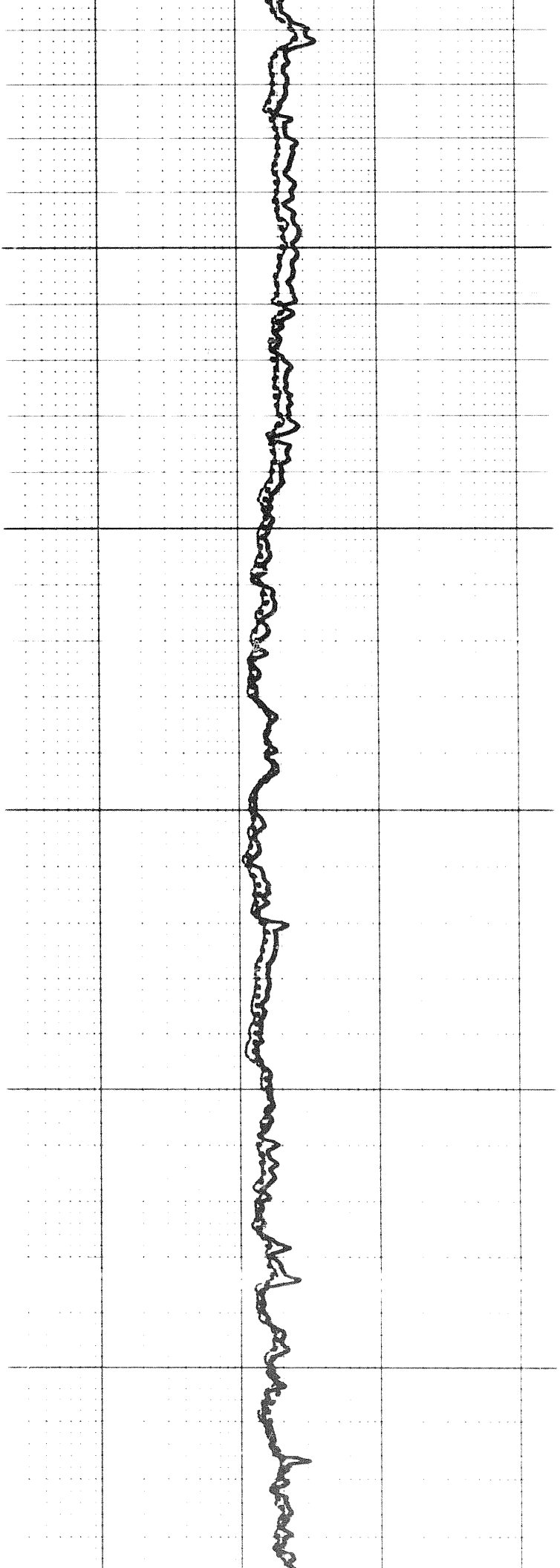
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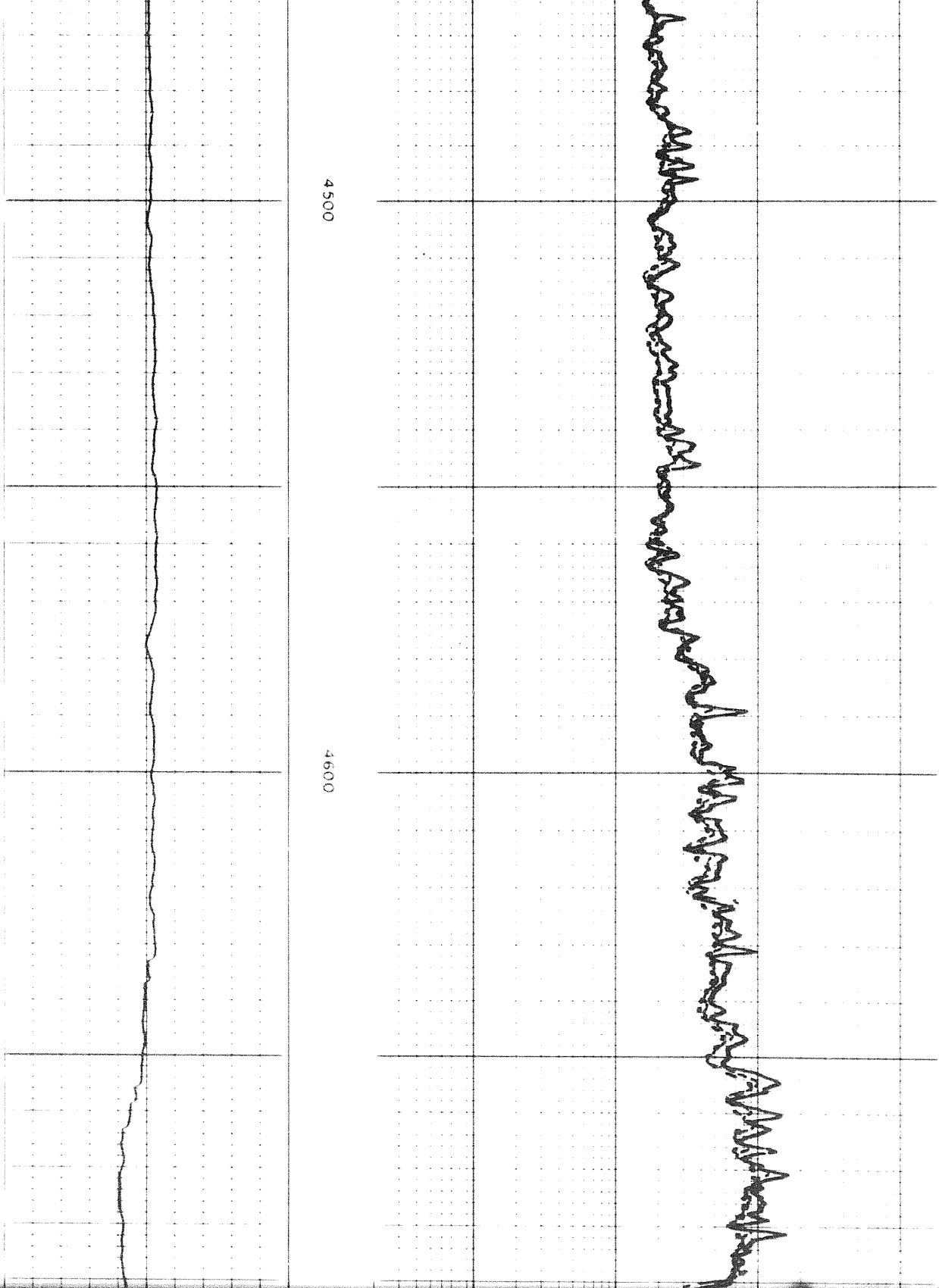




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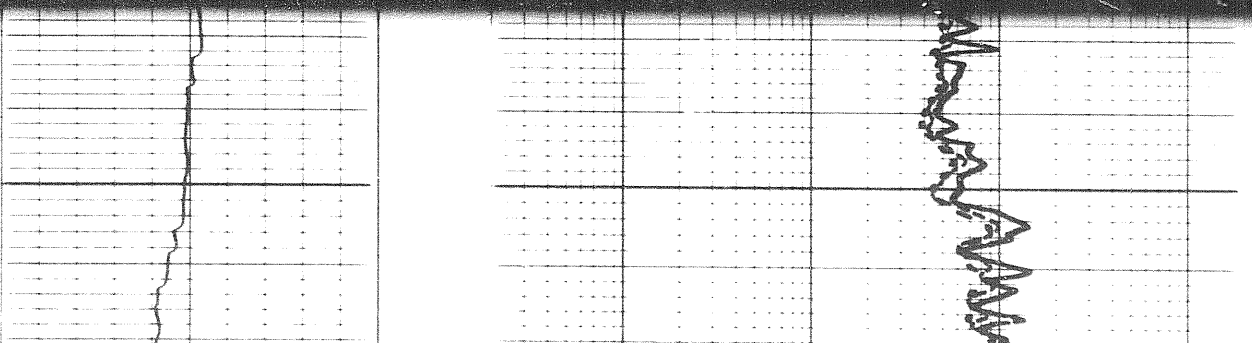
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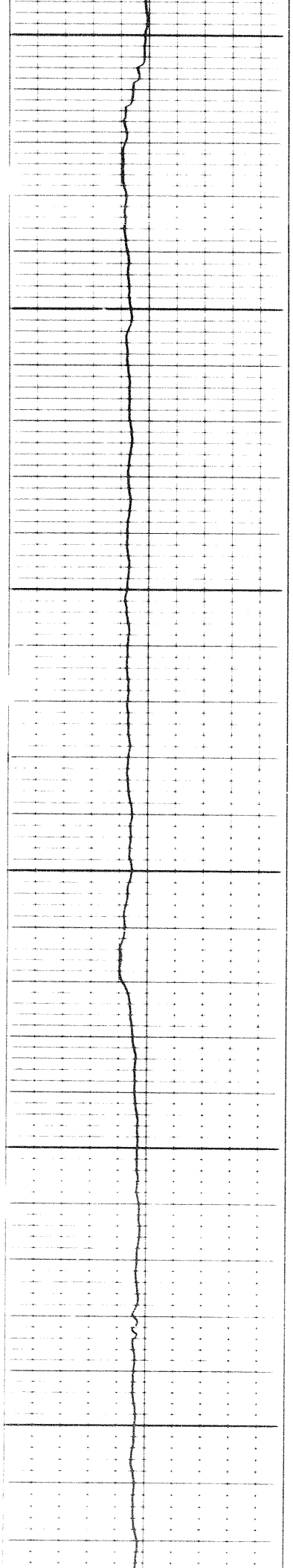


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4600



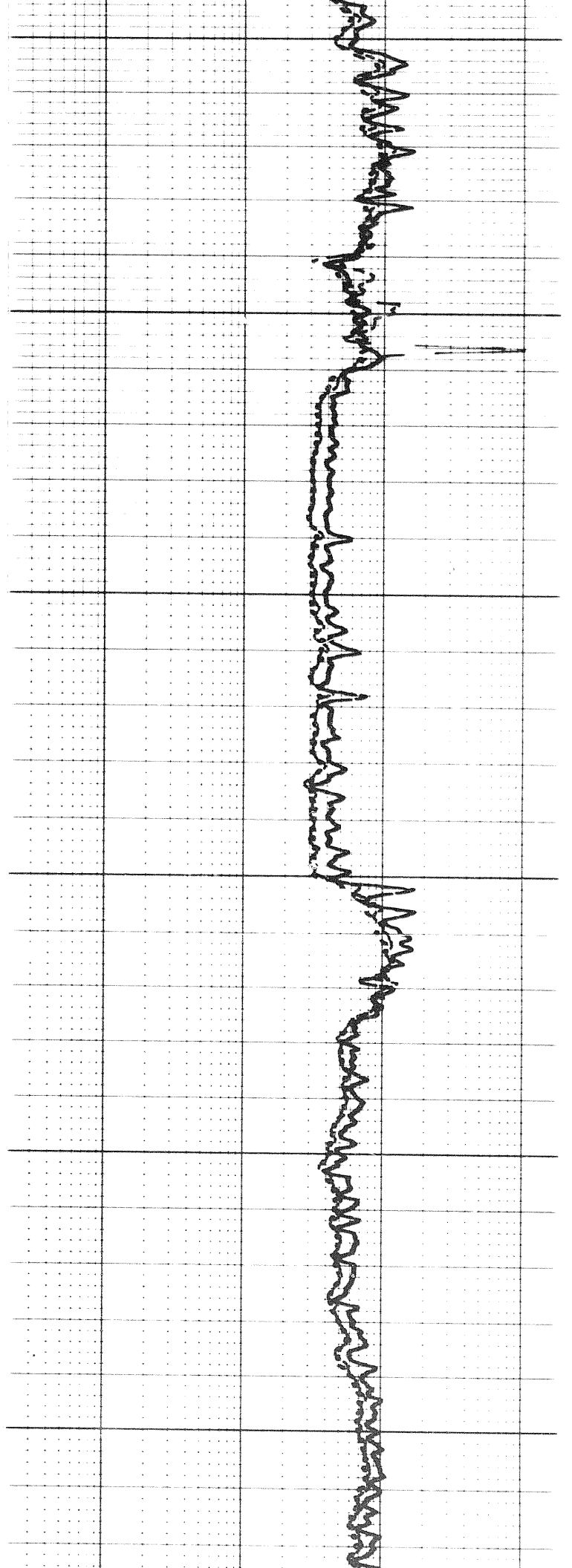
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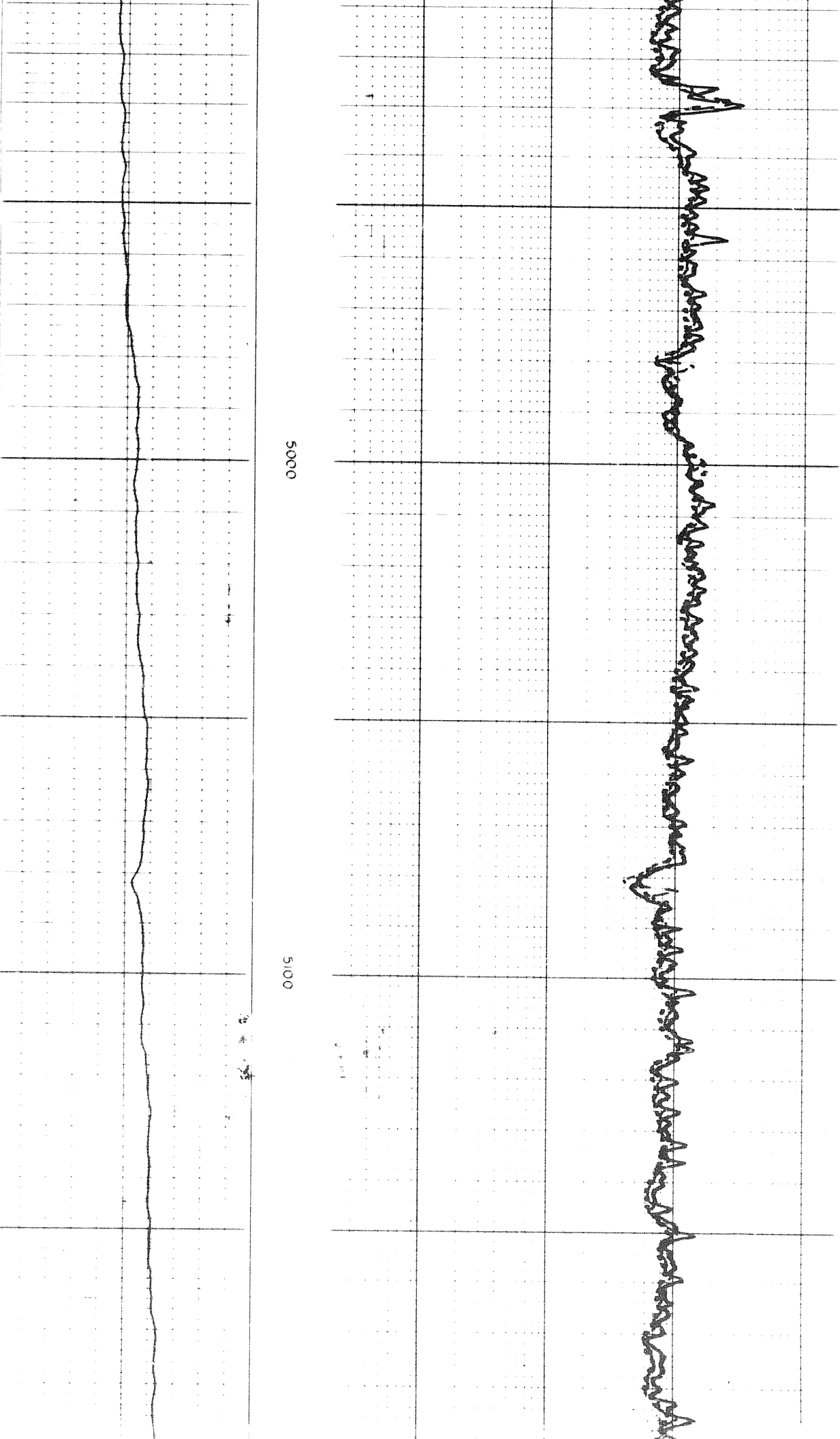


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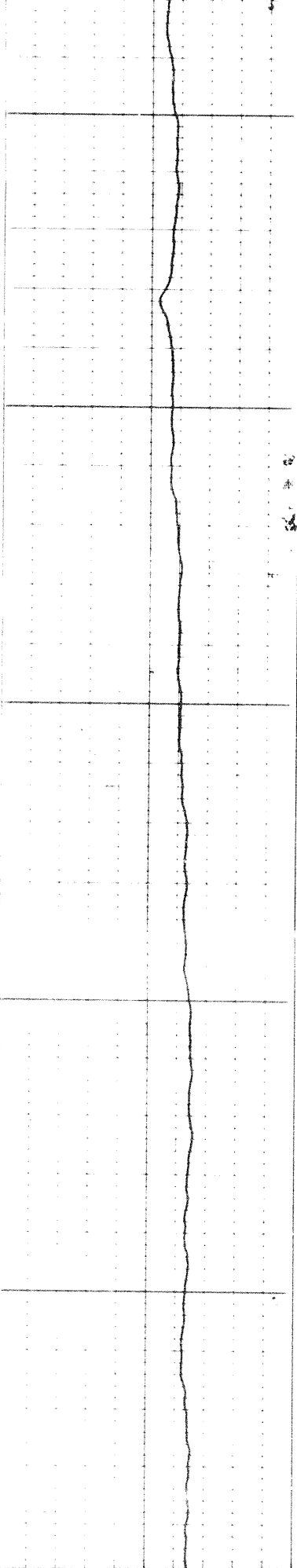
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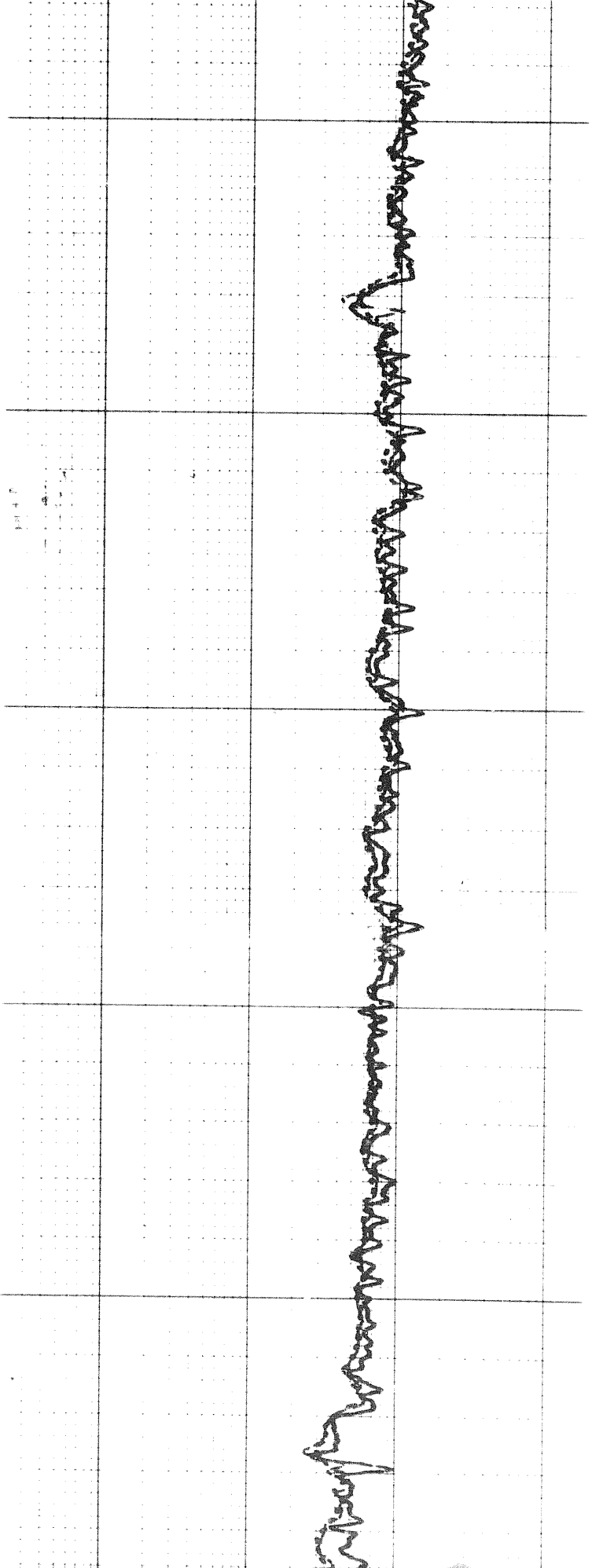
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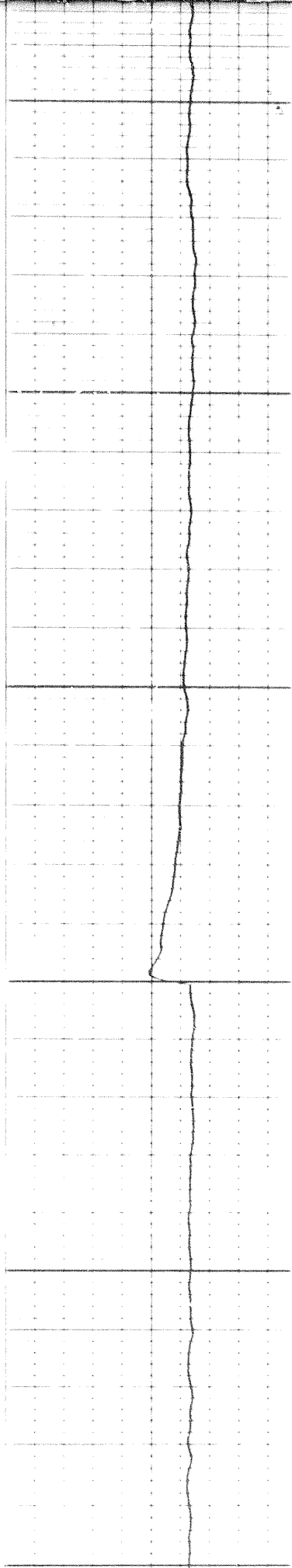


5100

5200



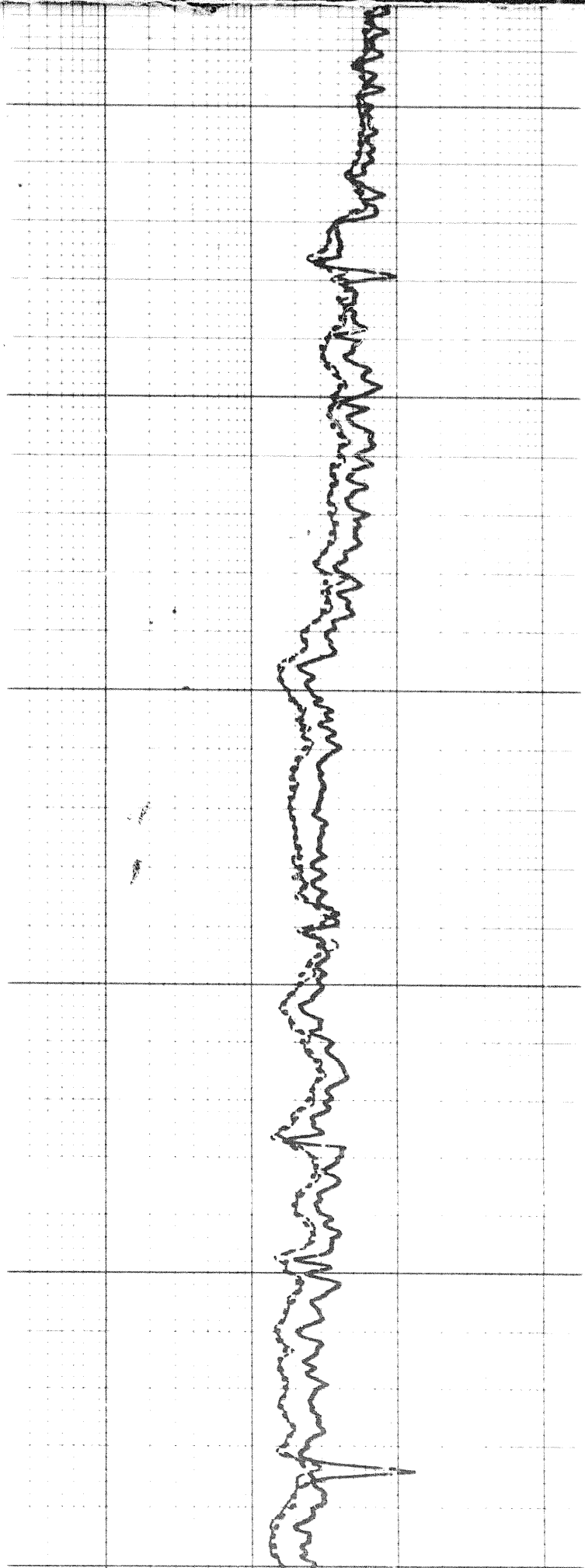
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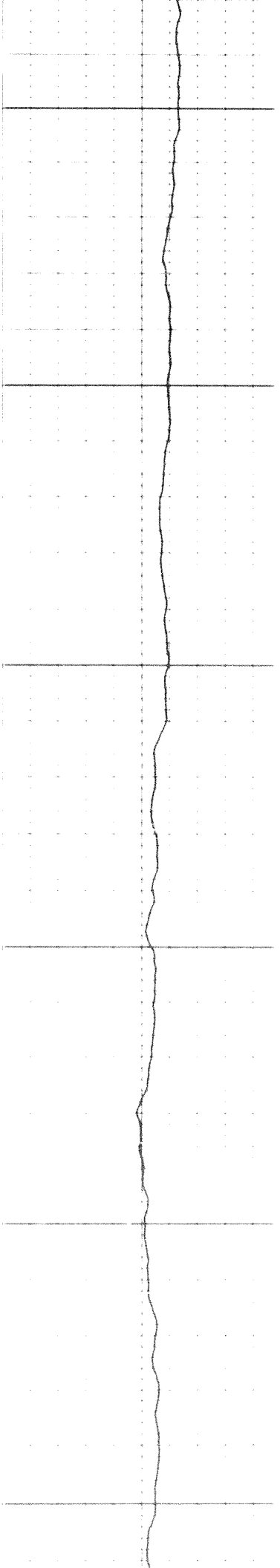


5300

5400

5500

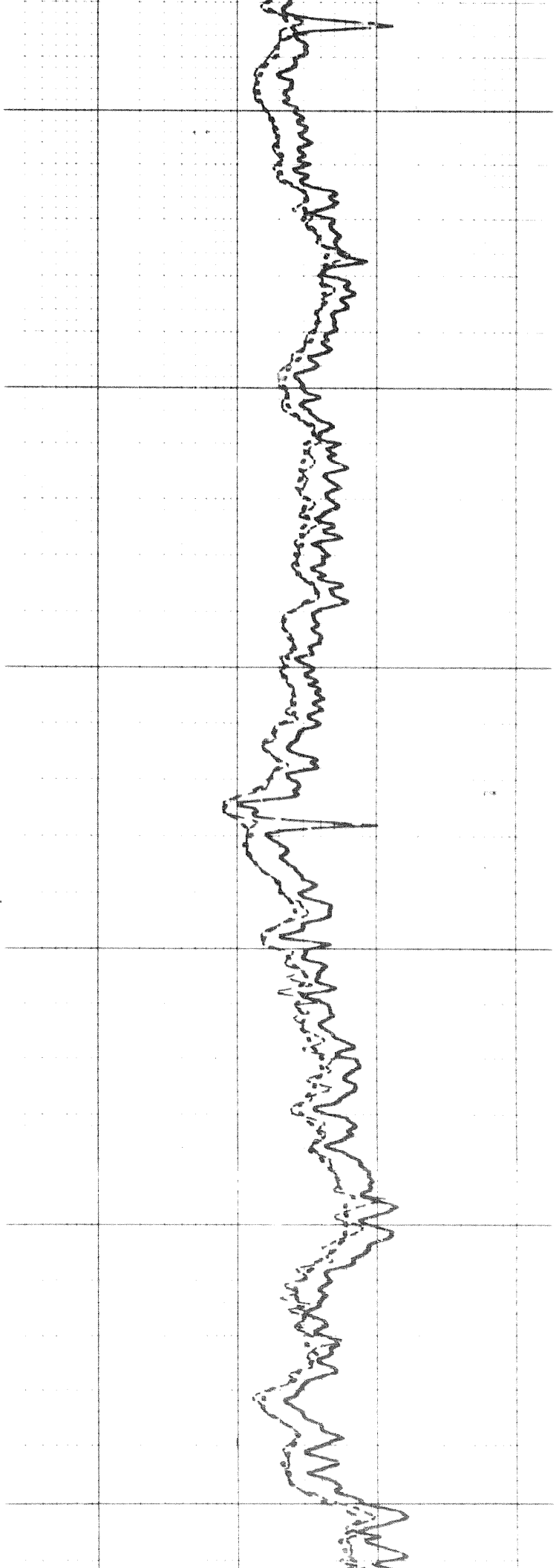


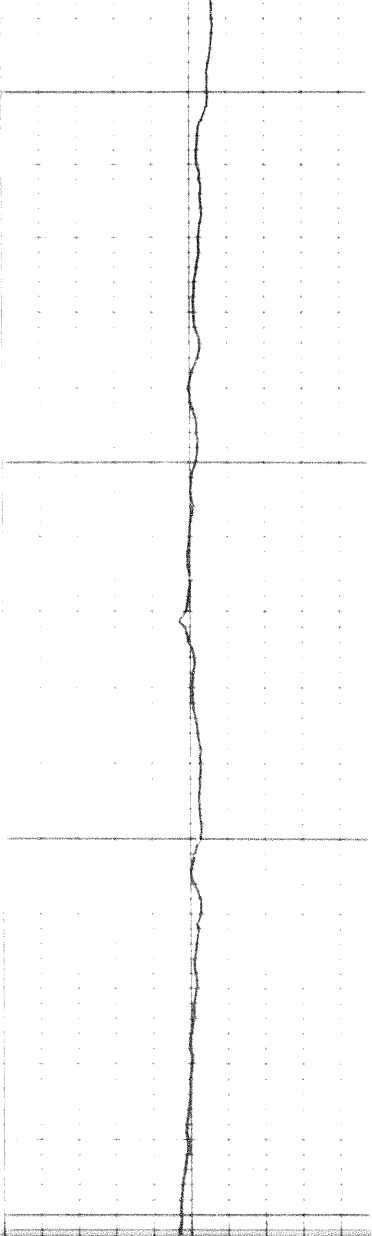


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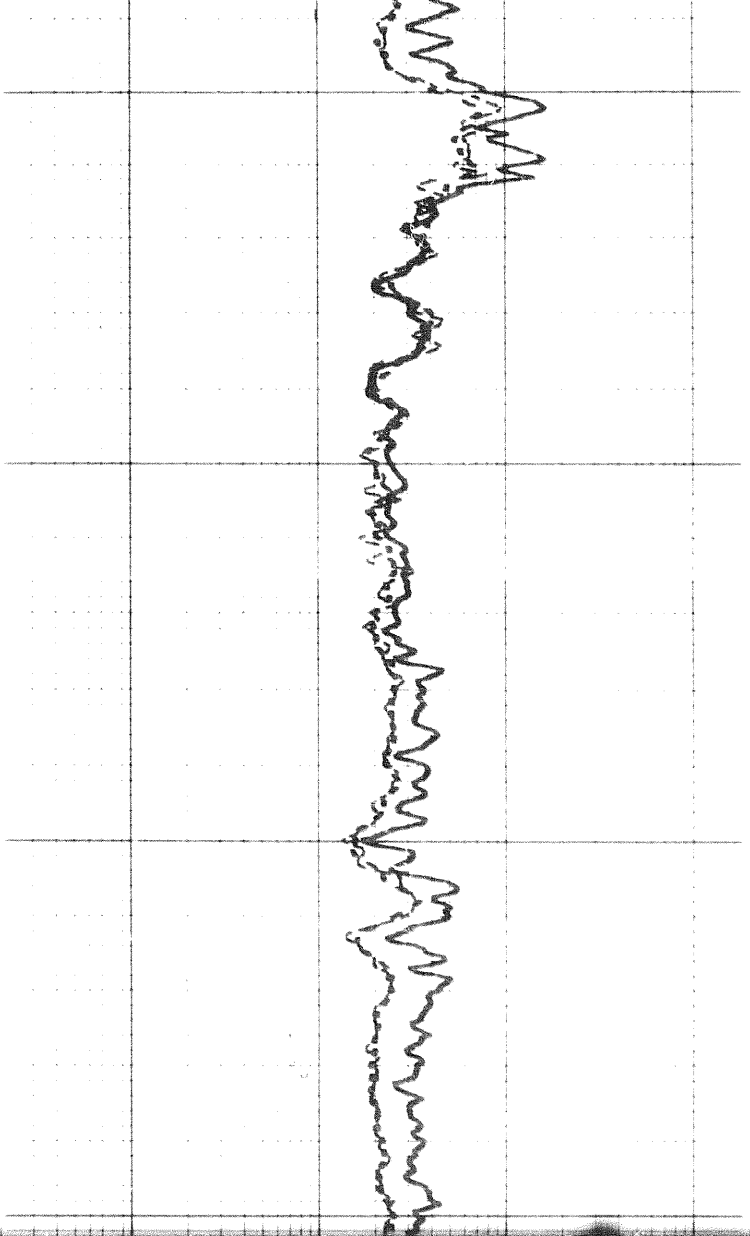
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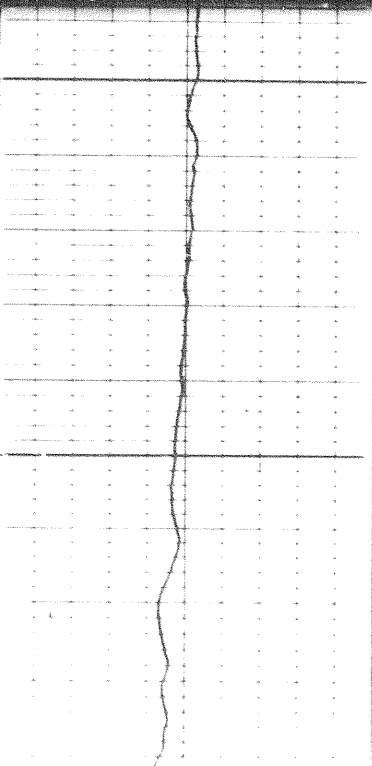




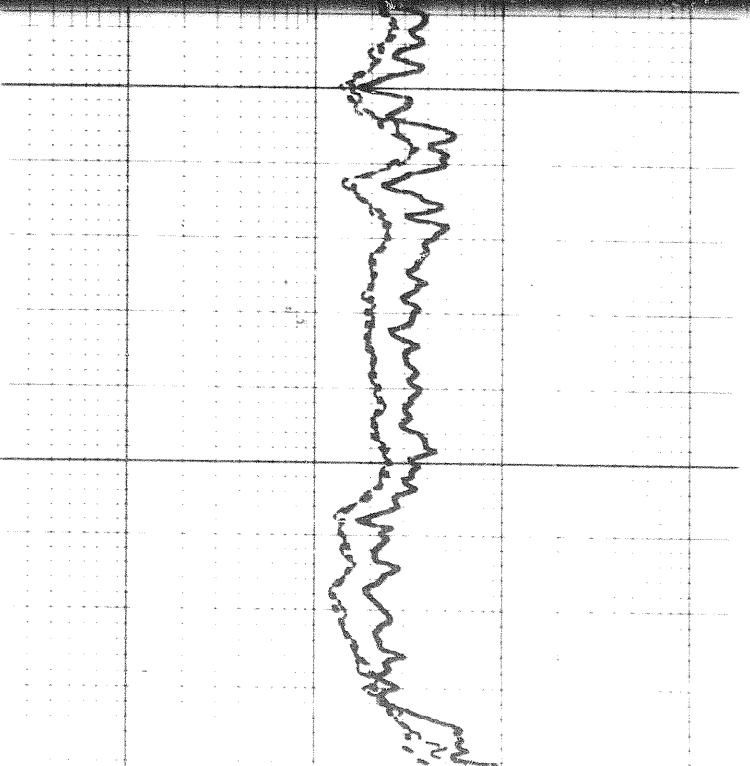
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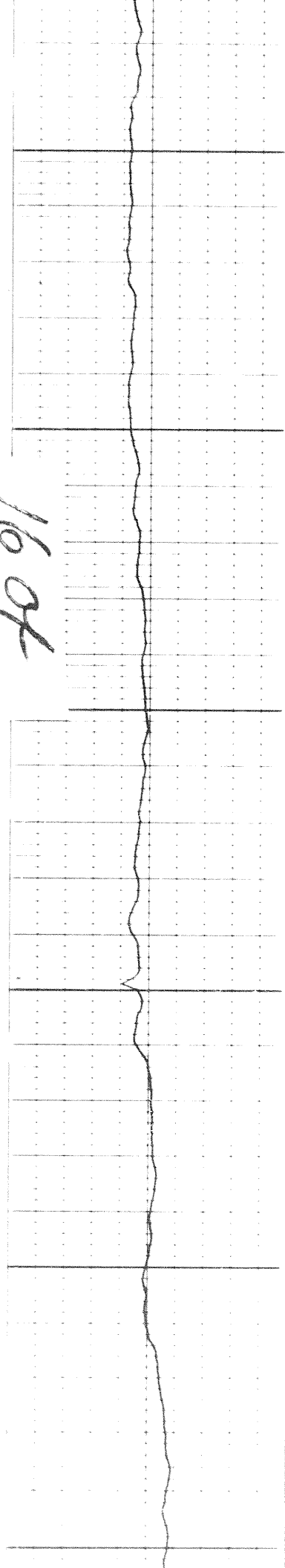
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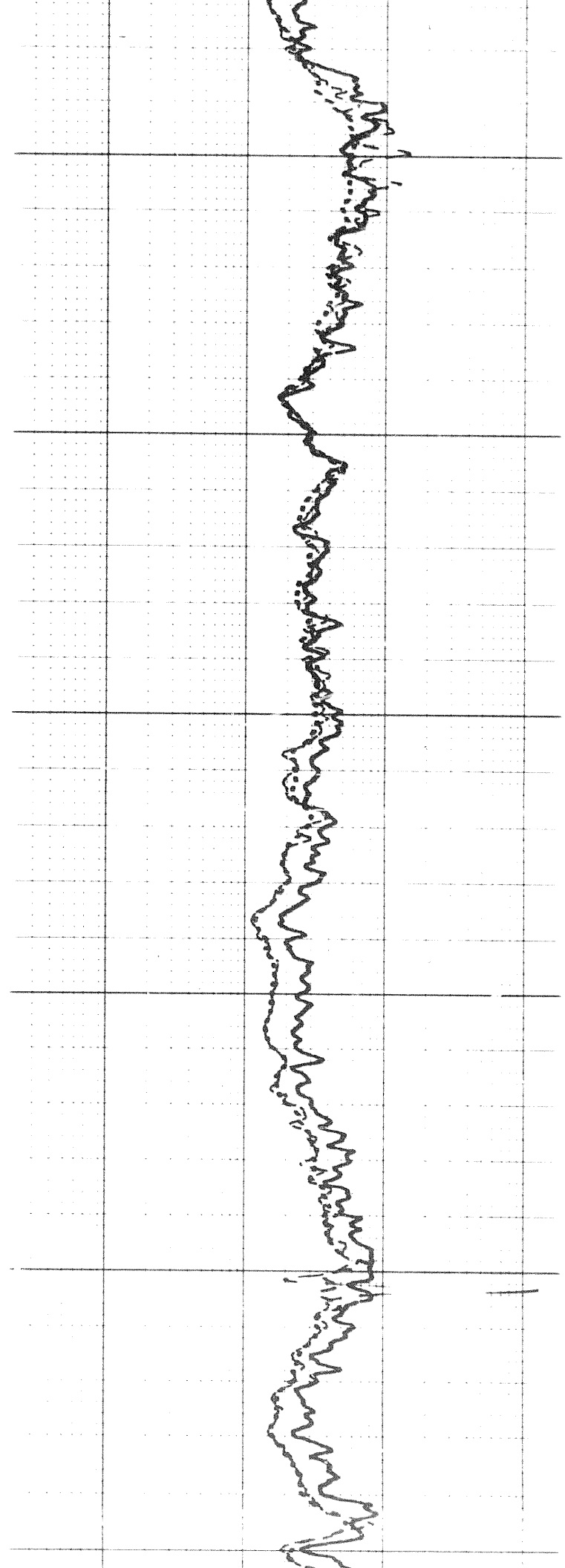
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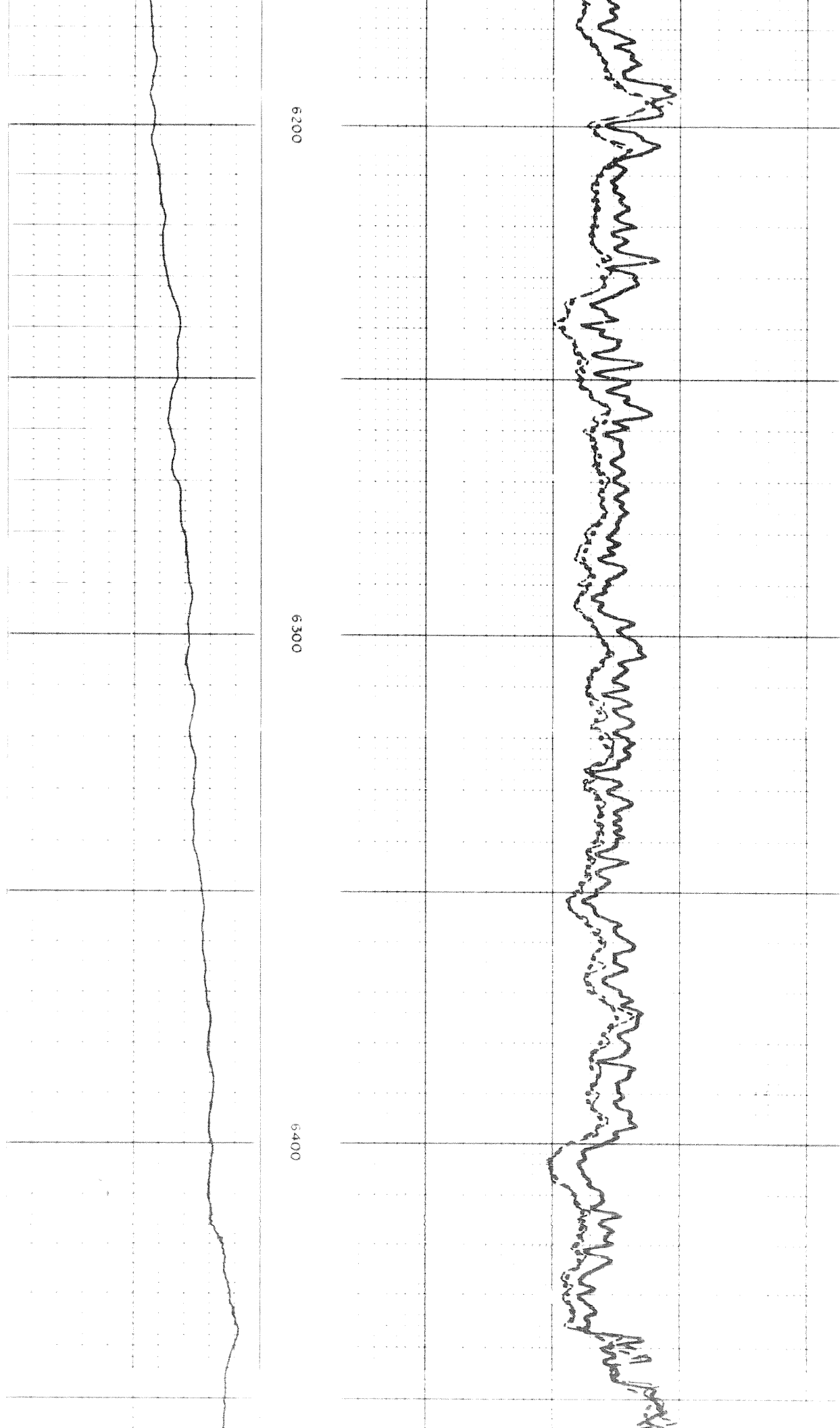


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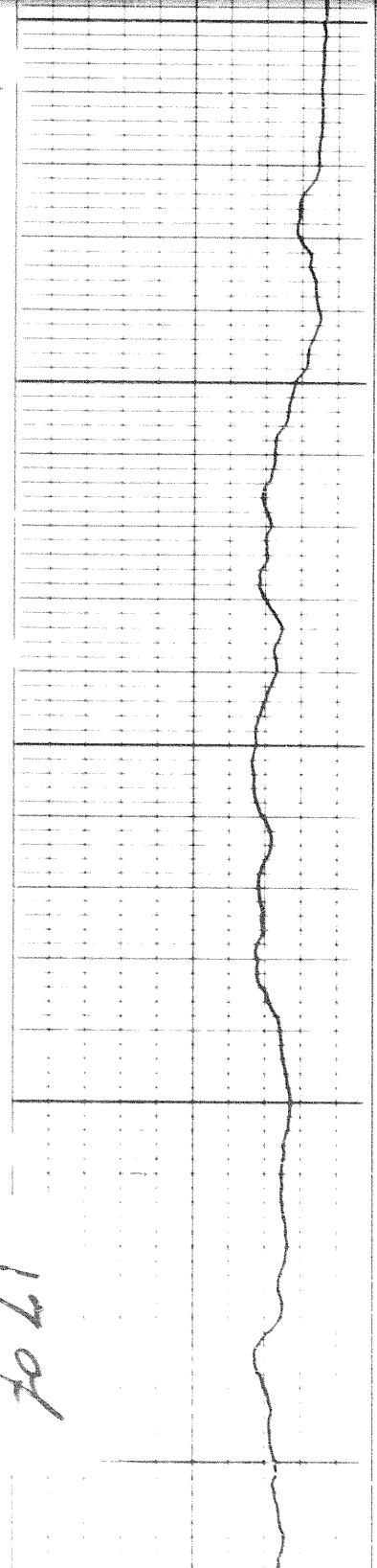


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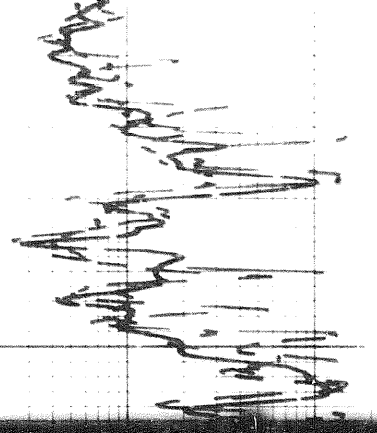
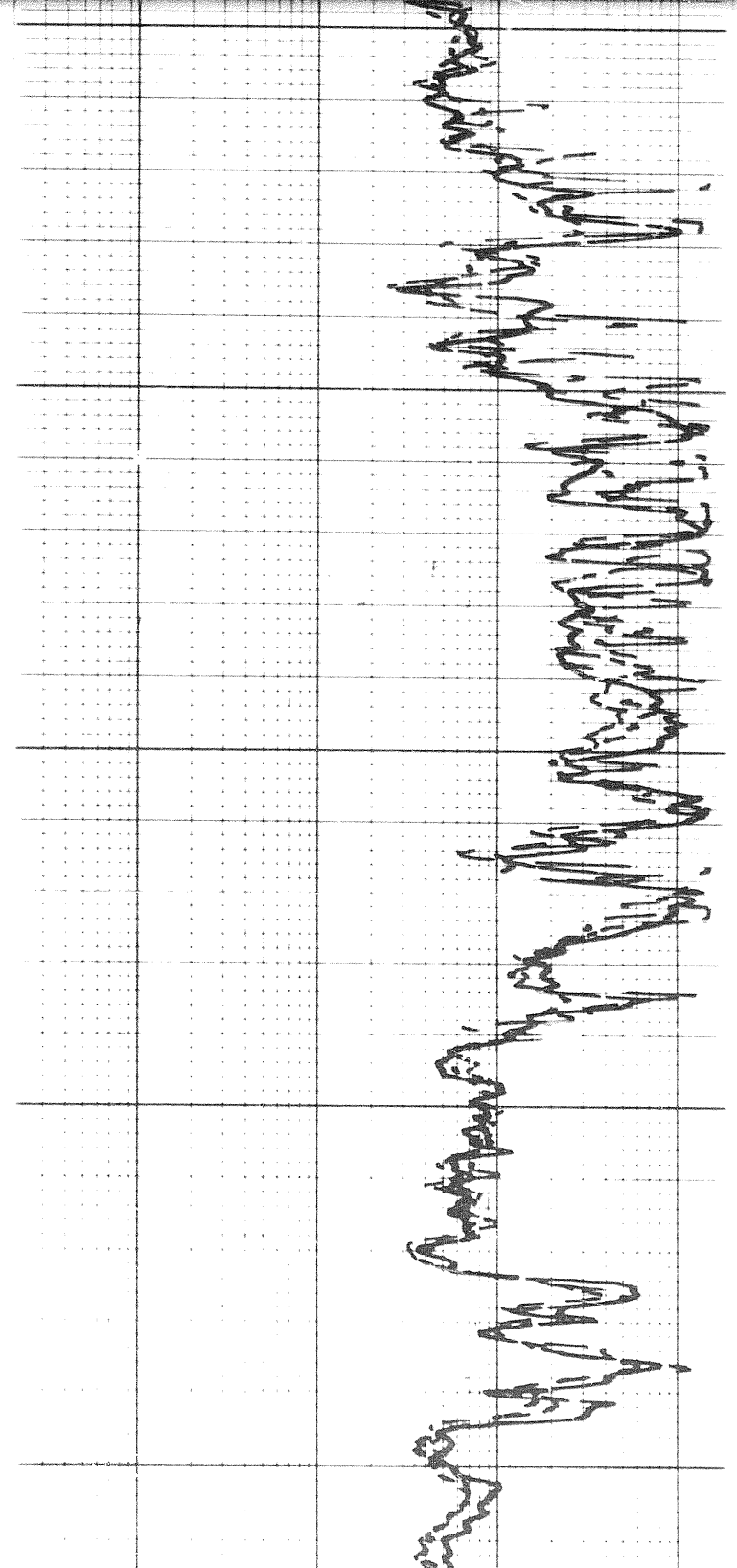
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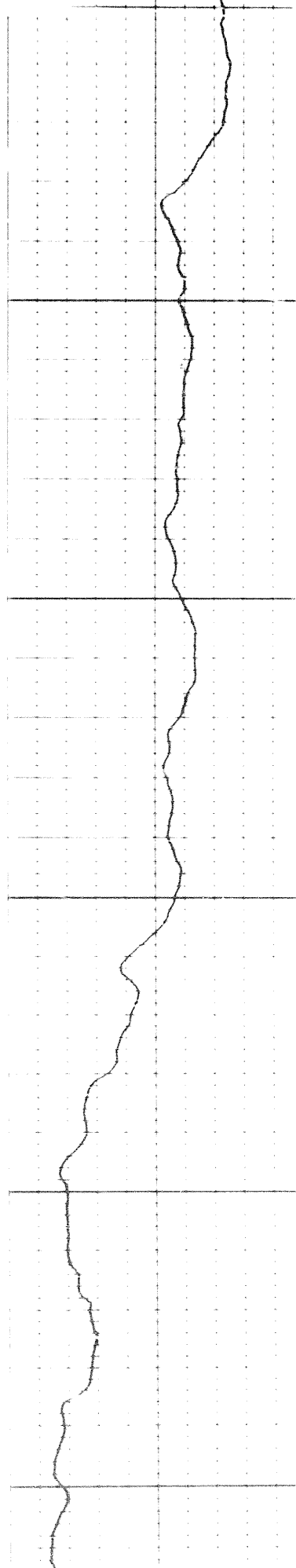
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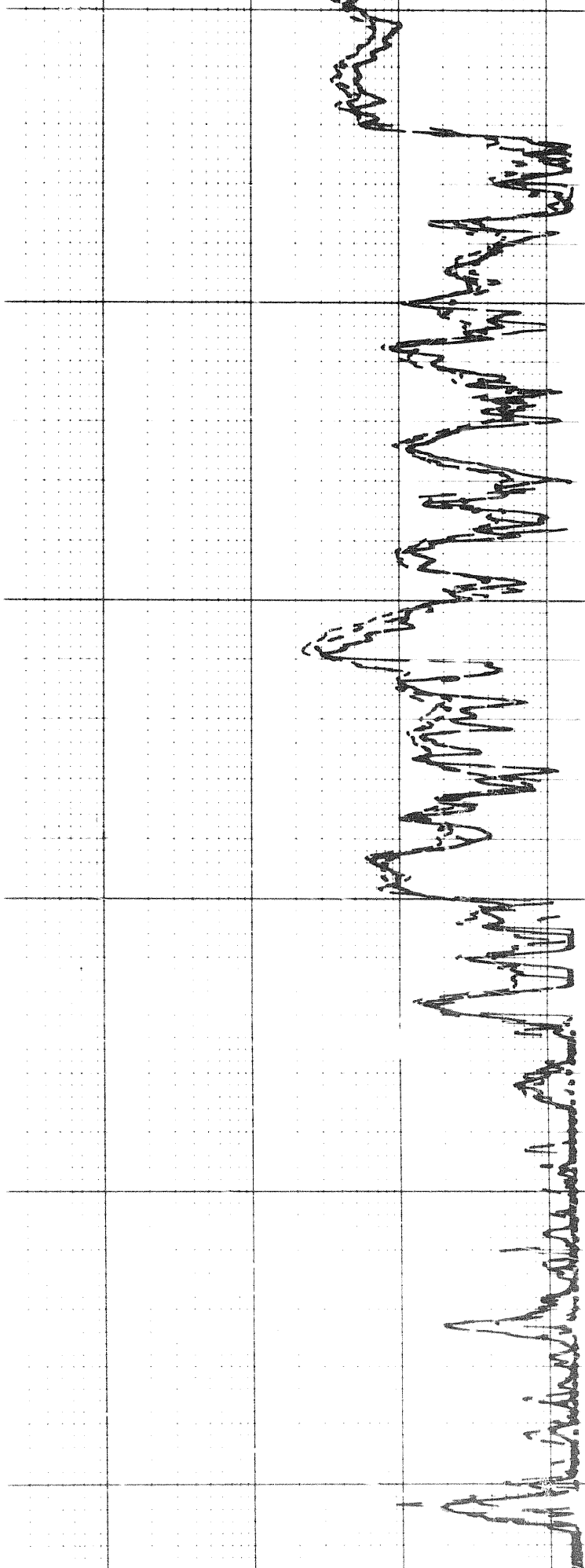
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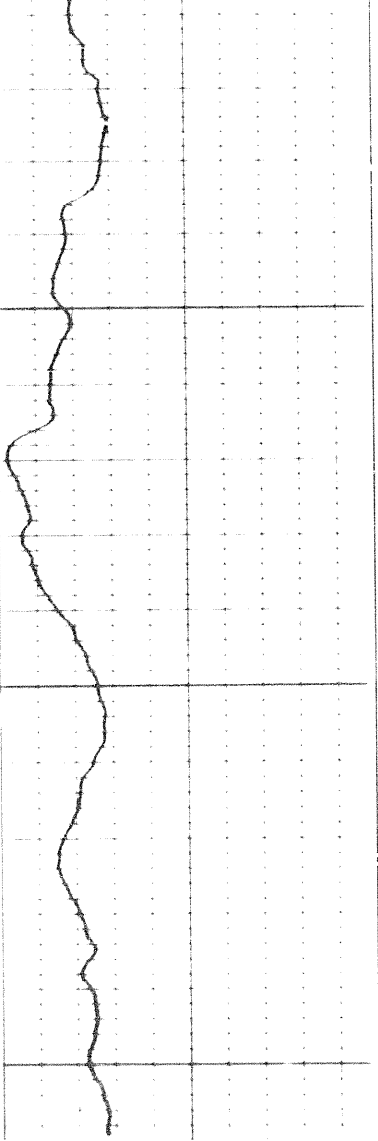


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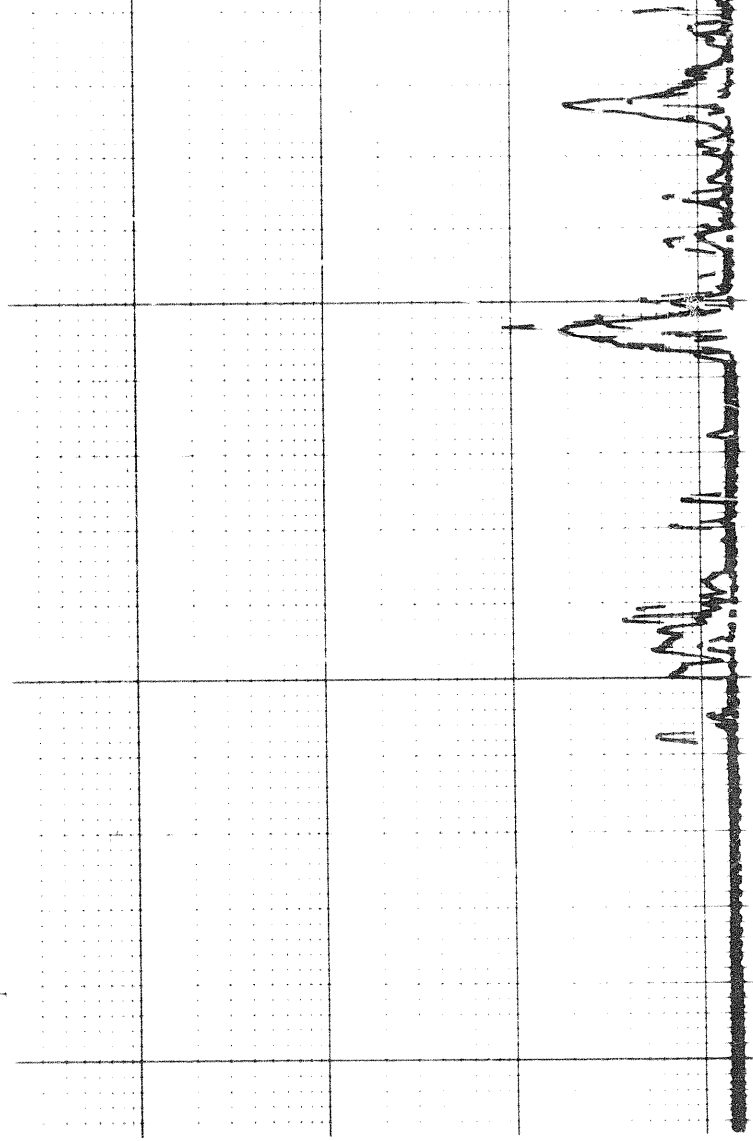
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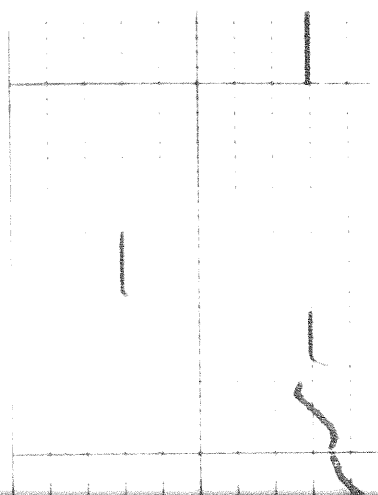


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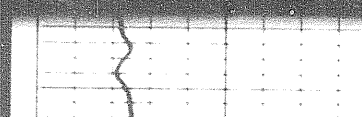
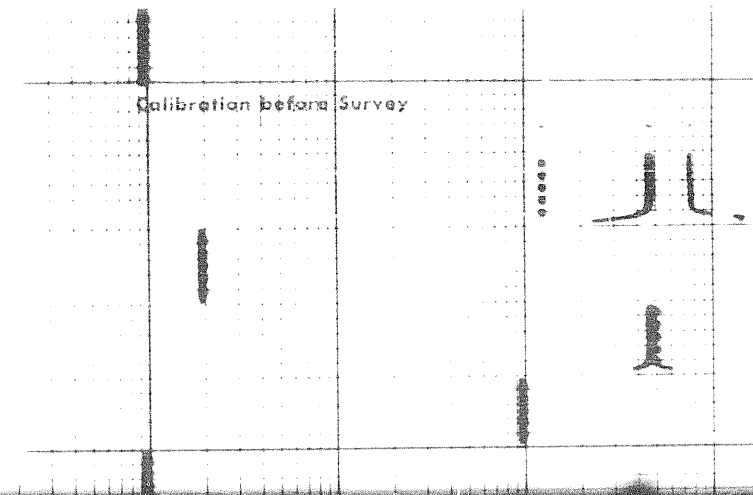


REPEAT SECTION

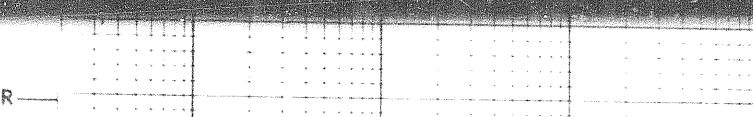


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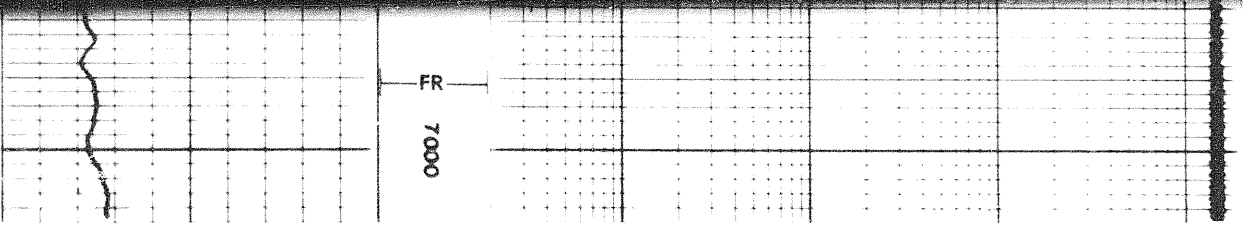
Calibration before Survey



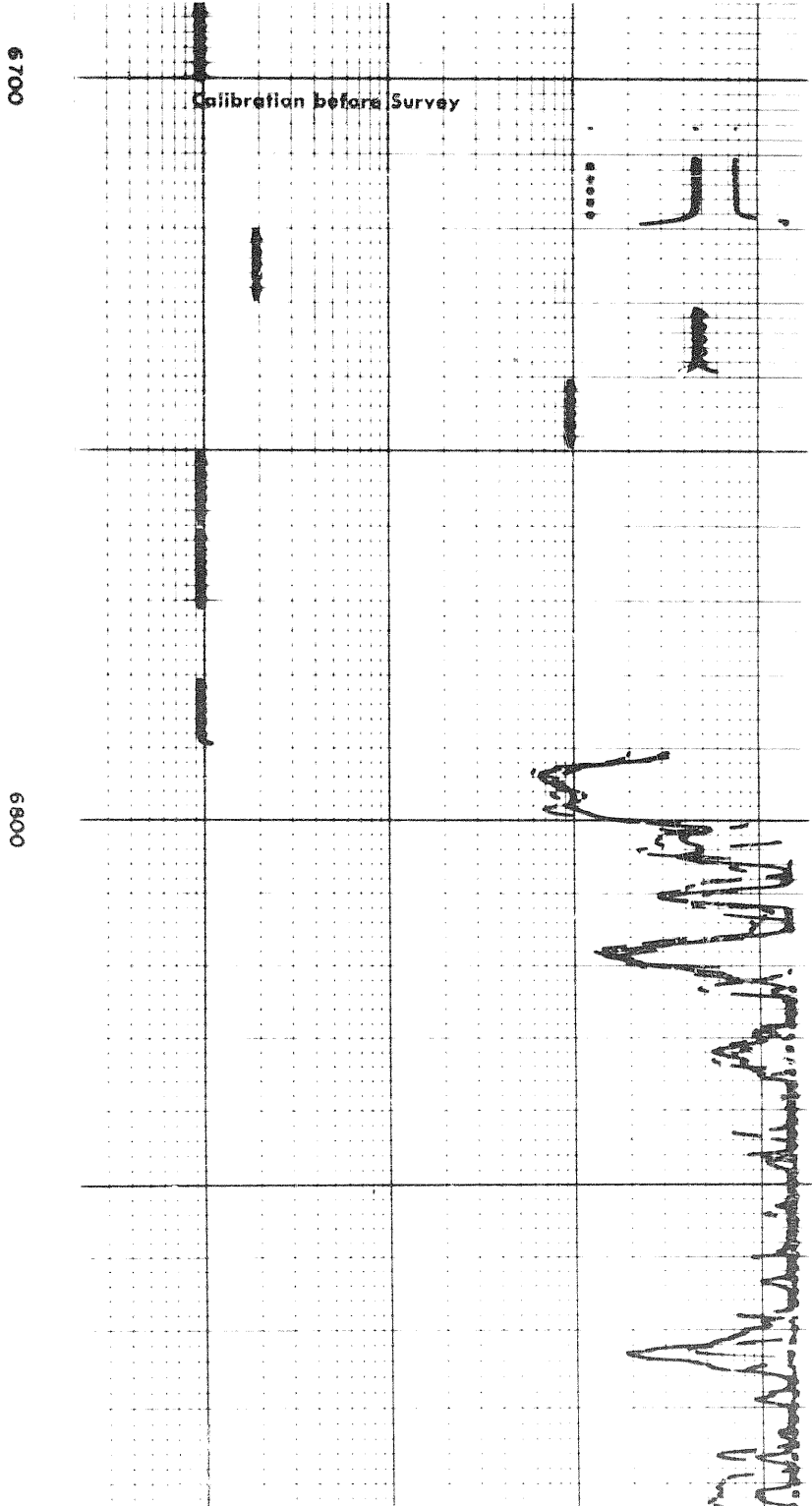
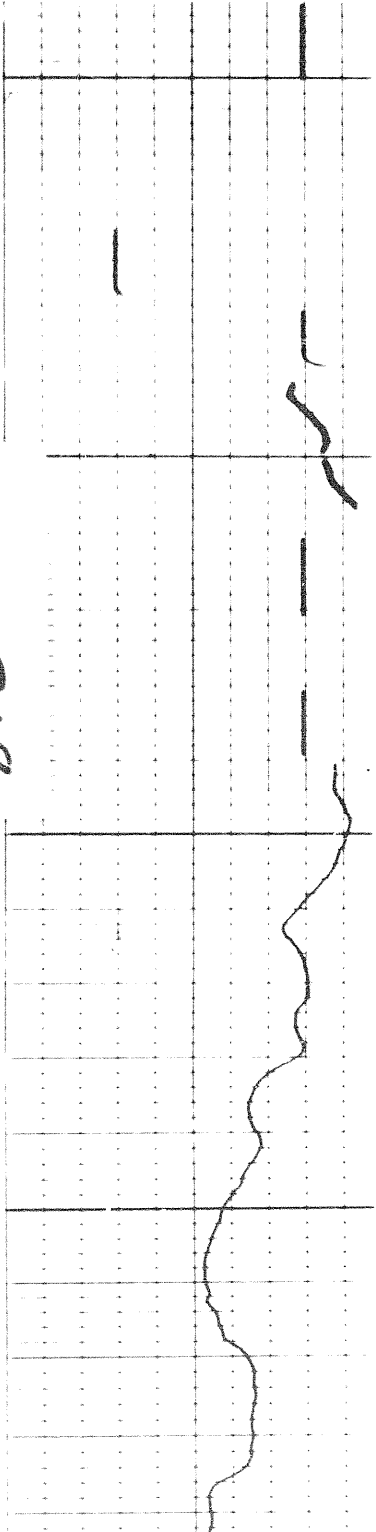
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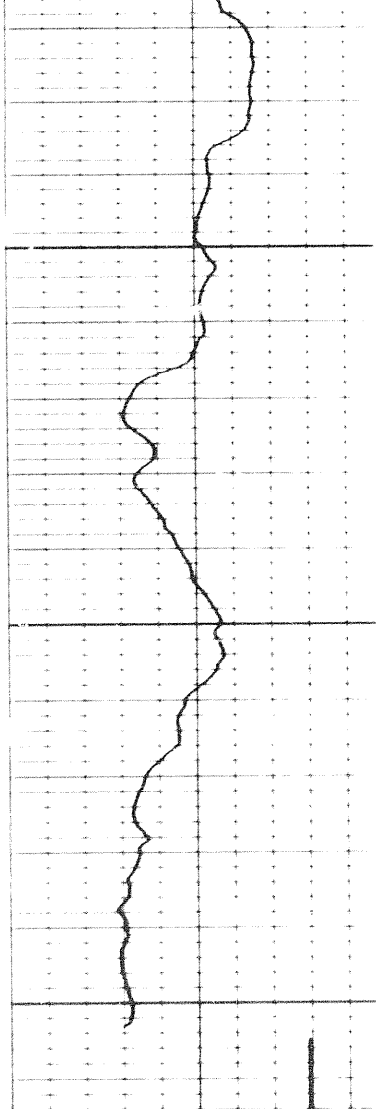


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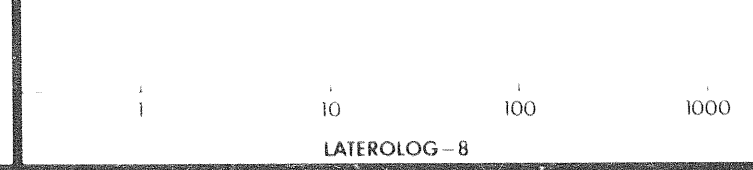
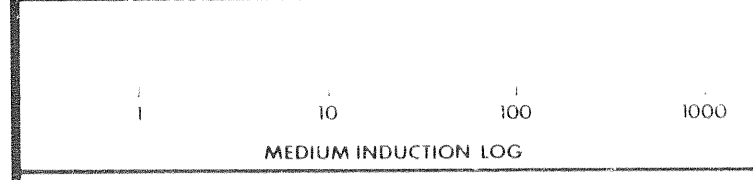
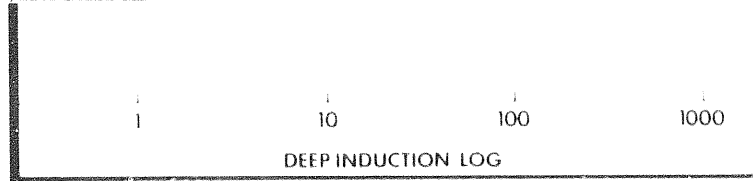
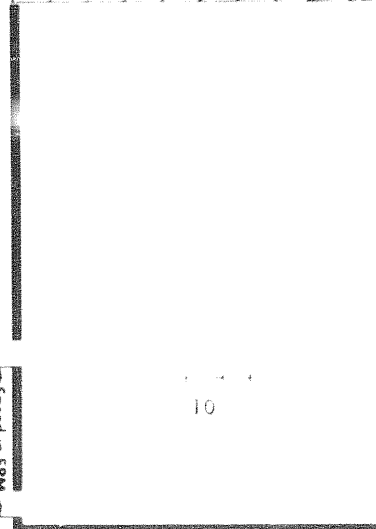
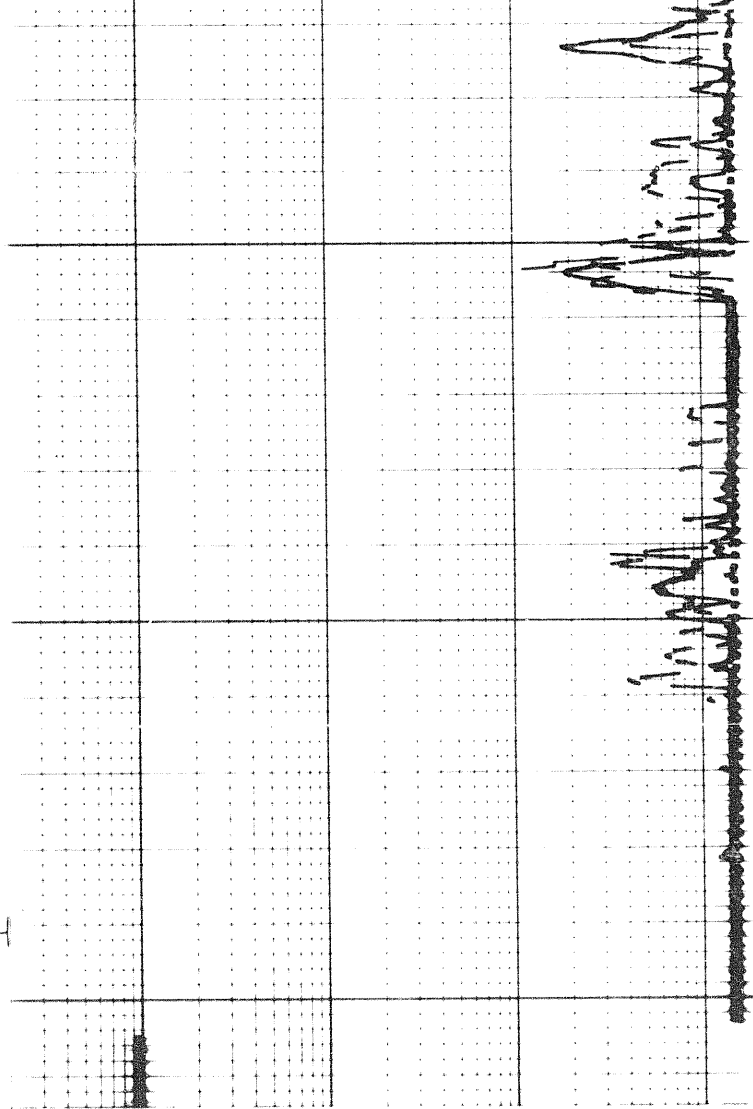
REPEAT SECTION





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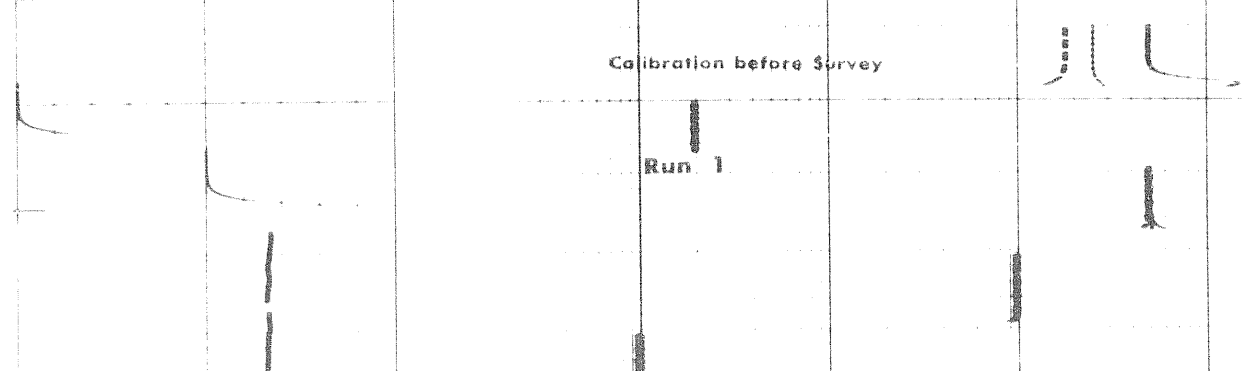
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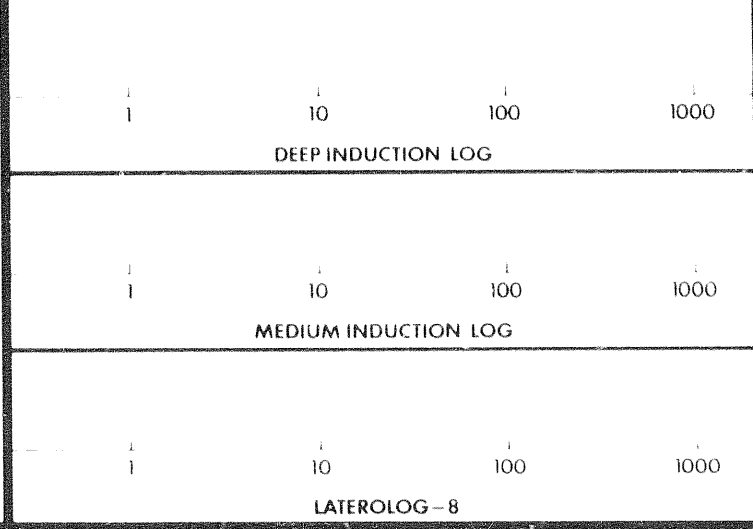
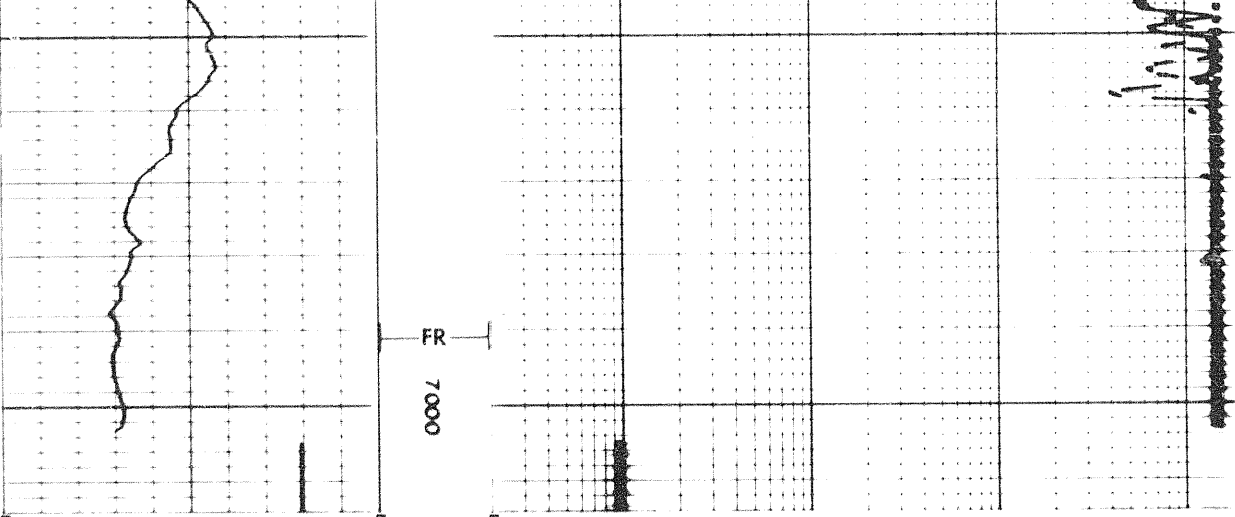


SPONTANEOUS POTENTIAL
millivolts

DEPTHS

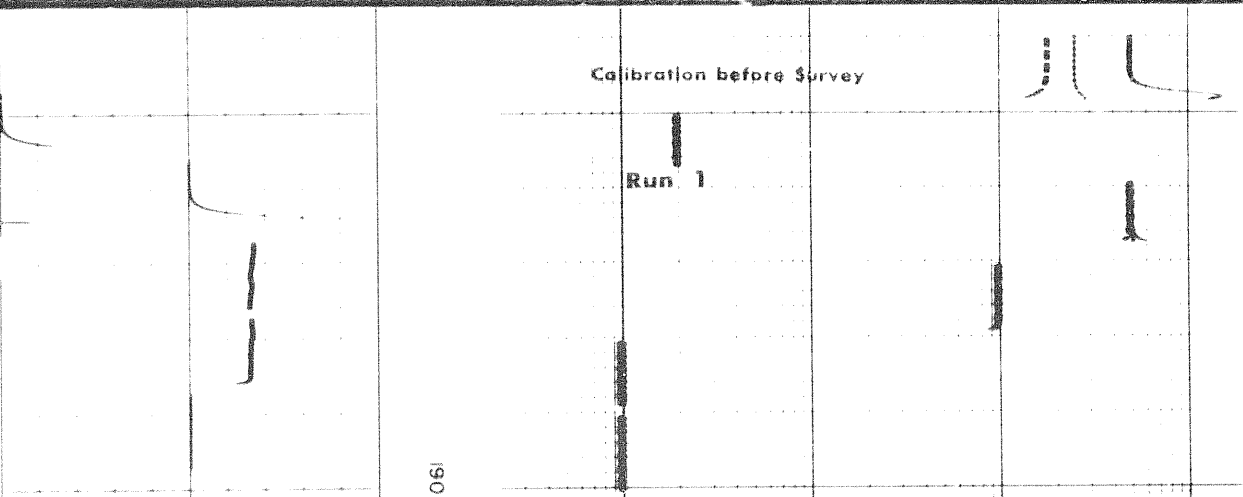
RESISTIVITY
ohms m





Speed in FPM

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms m. m.
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