

SCHLUMBERGER

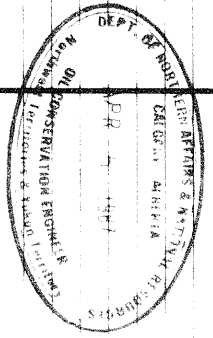
INDUCTION ELECTRICAL LOG

SCHLUMBERGER OF CANADA Calgary, Alberta

PROVINCE YUKON TERRITORY
 FIELD PEEL RIVER
 WELL SHELL PEEL R YT K-9
 COMPANY SHELL CANADA LIMITED

COMPANY SHELL CANADA LIMITED
 WELL SHELL PEEL R YT K-9
 FIELD PEEL RIVER
 PROVINCE YUKON TERRITORY
 LOCATION 50° 19' 35.72"N, 134° 01' 02.22"W
 Permanent Datum GL Elev 1134.3
 Log Measured From KB 12.5 Ft Above Perm Datum
 Other Services: BS-GR, FDC, ML, COST, C/S
 ELEV KB 1134.3
 GL 1134.3
 CBF

Date	2 MAR 67	5 MAR 67	
Run No.	ONE	TWO	
First Reading	5010	5089	
Last Reading	563	4800	
Feet Measured	4447	289	
Depth Reached	5011	5090	
Bottom Driller	5027	5100	
Csg. SOC	563		
Csg. Driller	562	562	
Mud Nature	GEL	GEL	
Dens Visc	9.7	9.6	9.9
Mud pH	5.4	5.4	
Water Loss			
Res @ BHT			
Rmfl	0.99 @ 64	1.23 @ 65	
Rmc	1.30 @ 64	1.63 @ 66	
Bit Size	3 3/4"	6 3/4"	
Spacing - AM	16"	16"	
Ind Type	34'-6" 6FF40	34'-6" 6FF40	
Oper Rig Time	1.5 HRS	1.5 HRS	
Truck No.	SKW-M 1576	SKW-M 1576	
Recorded By	PHILLIPS	PHILLIPS	
Witness	MILLER	MILLER	



MAR 15 '67 CAL E-

REMARKS: Drilling Stopped, Circulation Stopped 0000, 2nd, Tool on Bottom, 1st Run Service Order #: 36383, BHT 123' OF

Stand Off = Inches	0			
Cartridge No.	5269	R#1 - 1.17	64°F	0.53 - 126°F (BHT)
Panel No.	F219	R#2 - 1.17	64°F	0.53 - 128°F (BHT)
Sonde No.	K333	R#3 - 1.17	65°F	0.53 - 128°F (BHT)
IAP-D No.	204	RUN TWO		
SBR	4	R#1 - 1.52	66°F	0.73 - 130°F (BHT)
		R#2 - 1.51	66°F	
		R#3 - 1.52	66°F	

SPONTANEOUS - POTENTIAL millivolts	DEPTHS	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms m/m}}$
		INDUCTION
		RESISTIVITY ohms m/m
		16" NORMAL

Speed in FPM

RESISTIVITY
ohms m /m

16" NORMAL

0 50

0 500

INDUCTION

0 50

0 500

Casing

Zero Shift

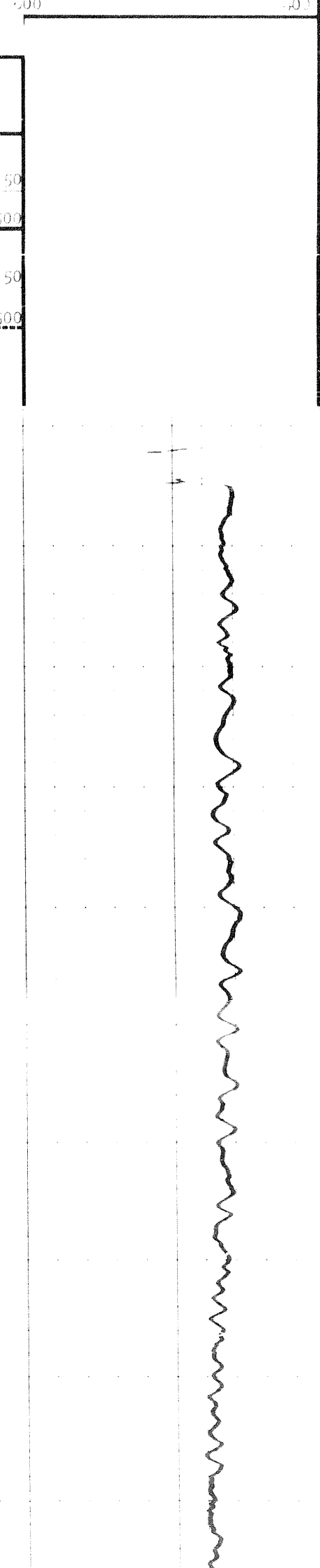
Zero Shift

1090

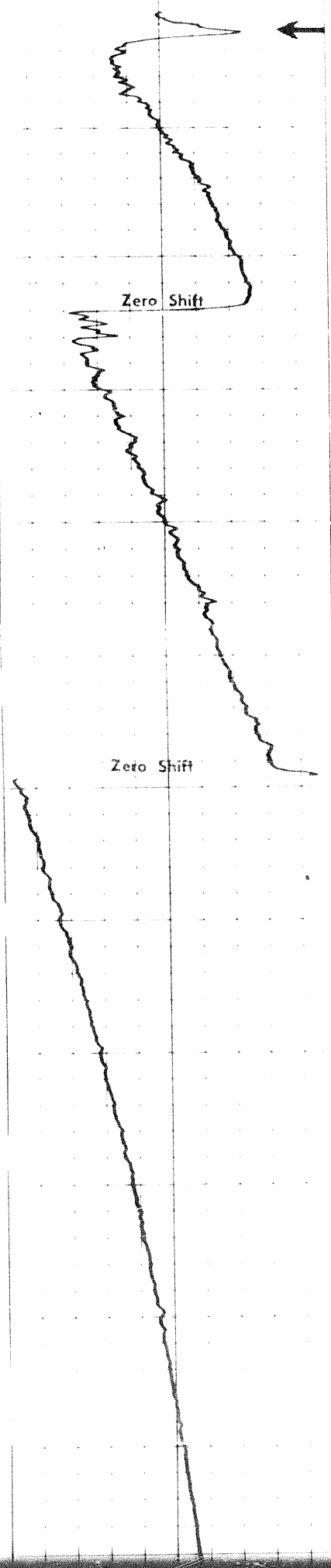
0700

016

000



108



← Casing

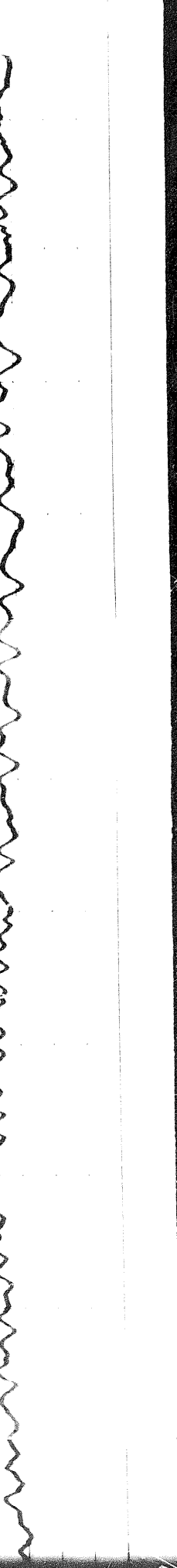
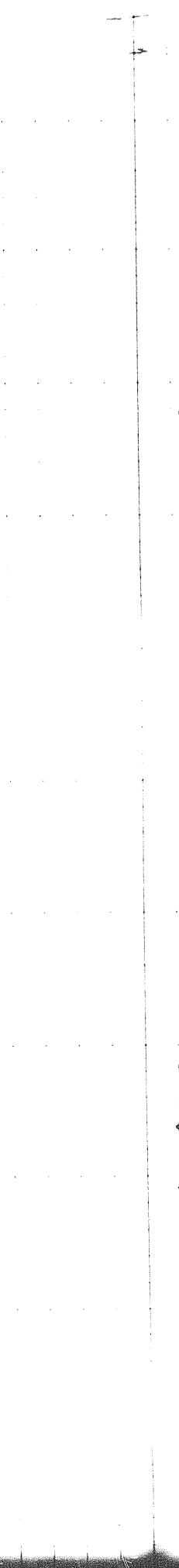
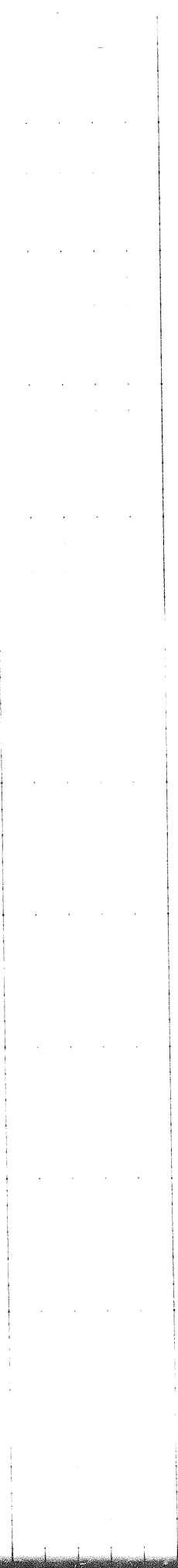
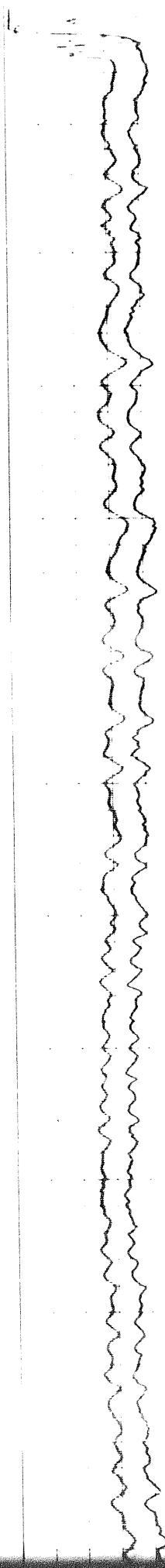
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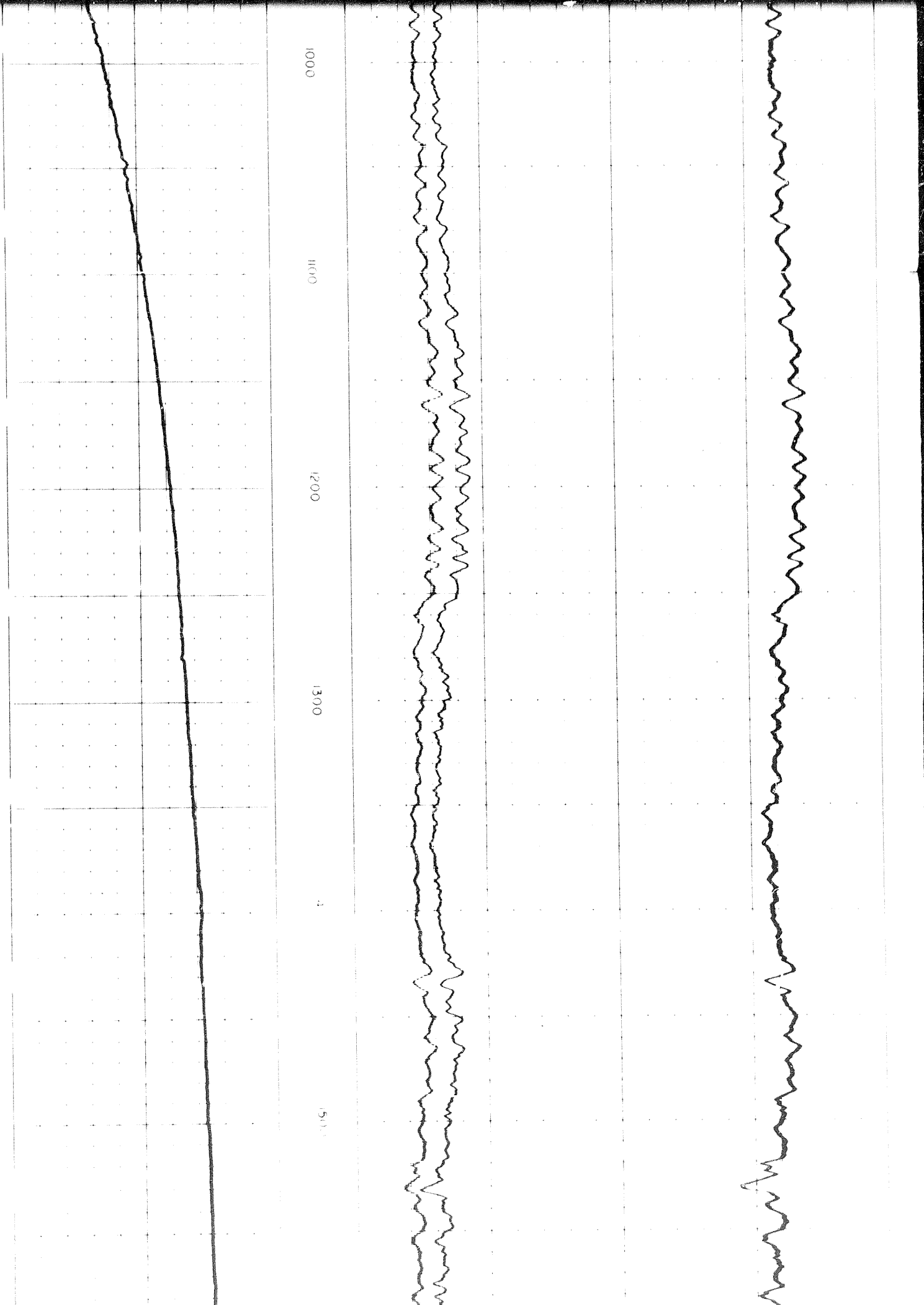
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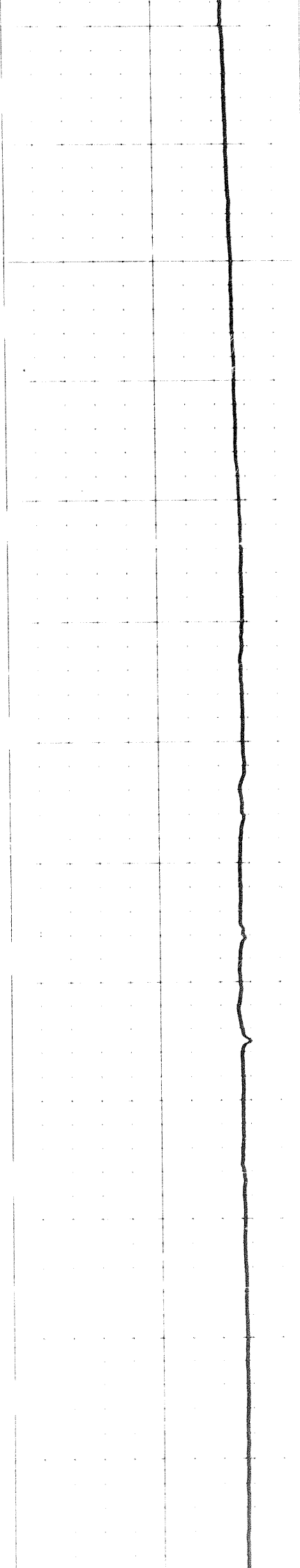
06

000

0







1500

500

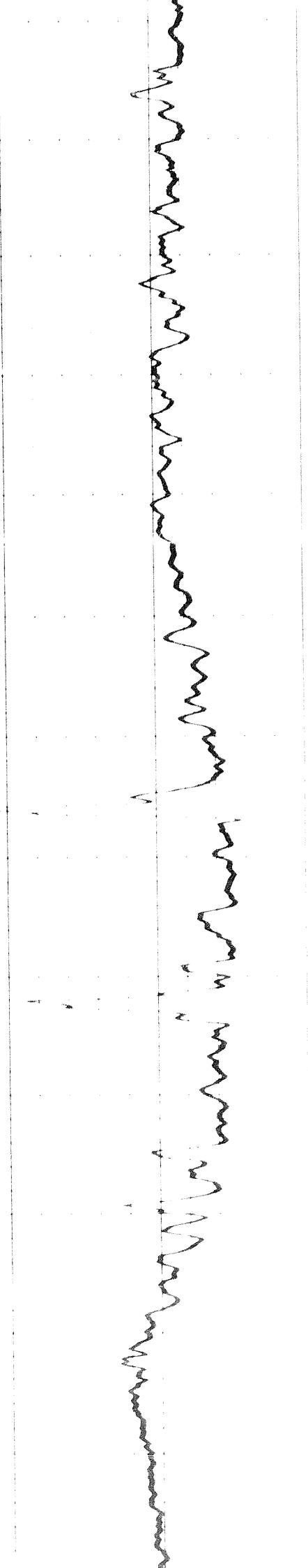
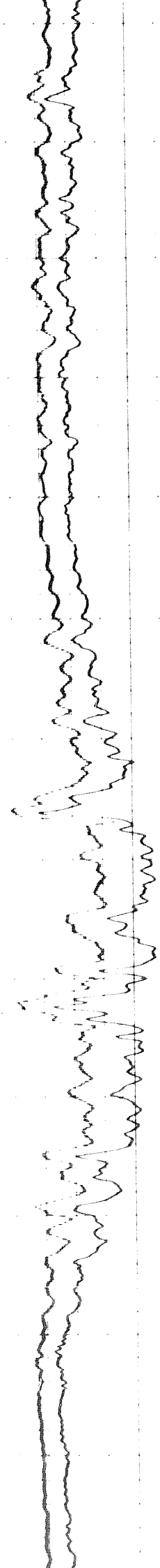
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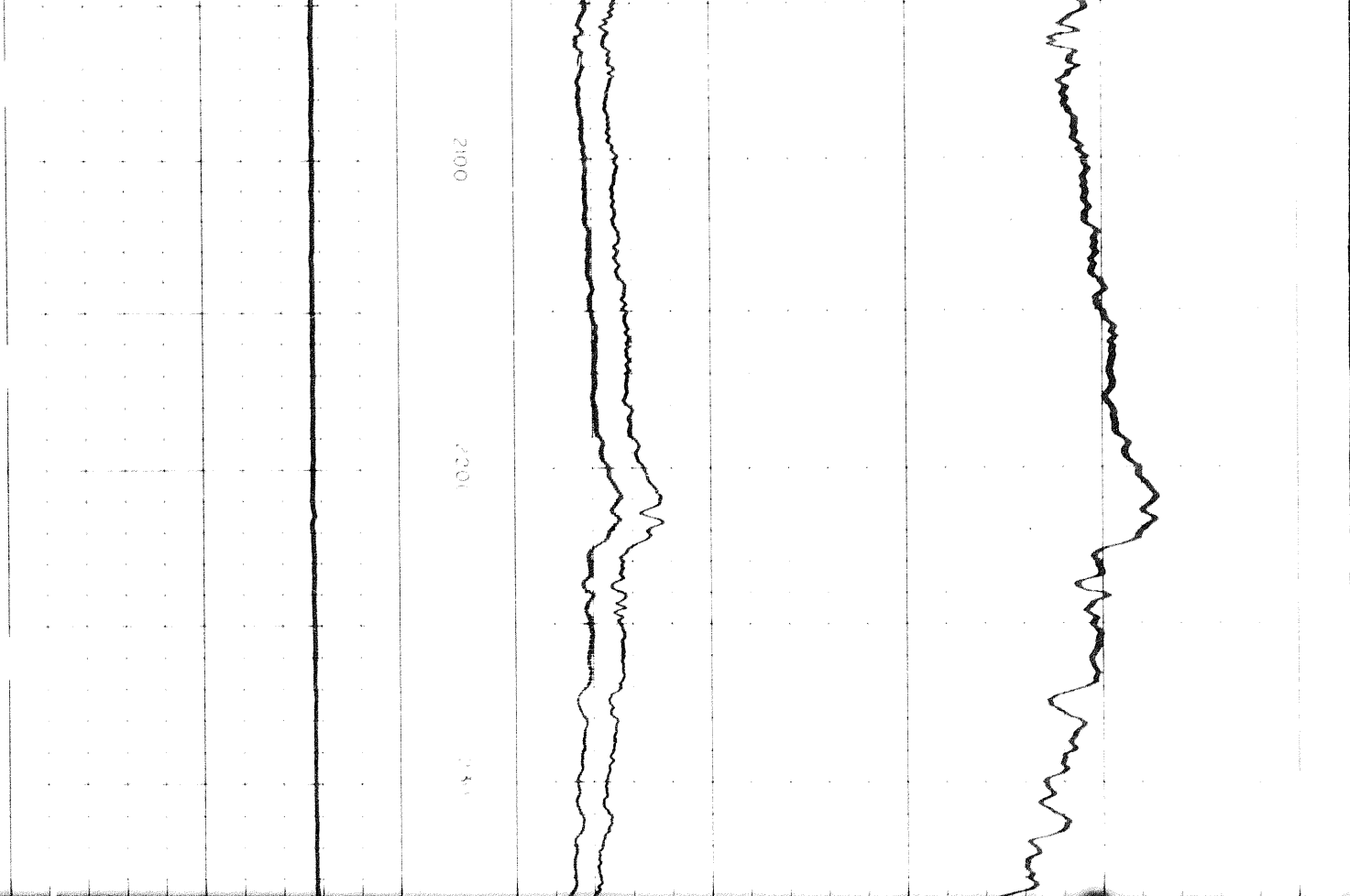
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2000

2000



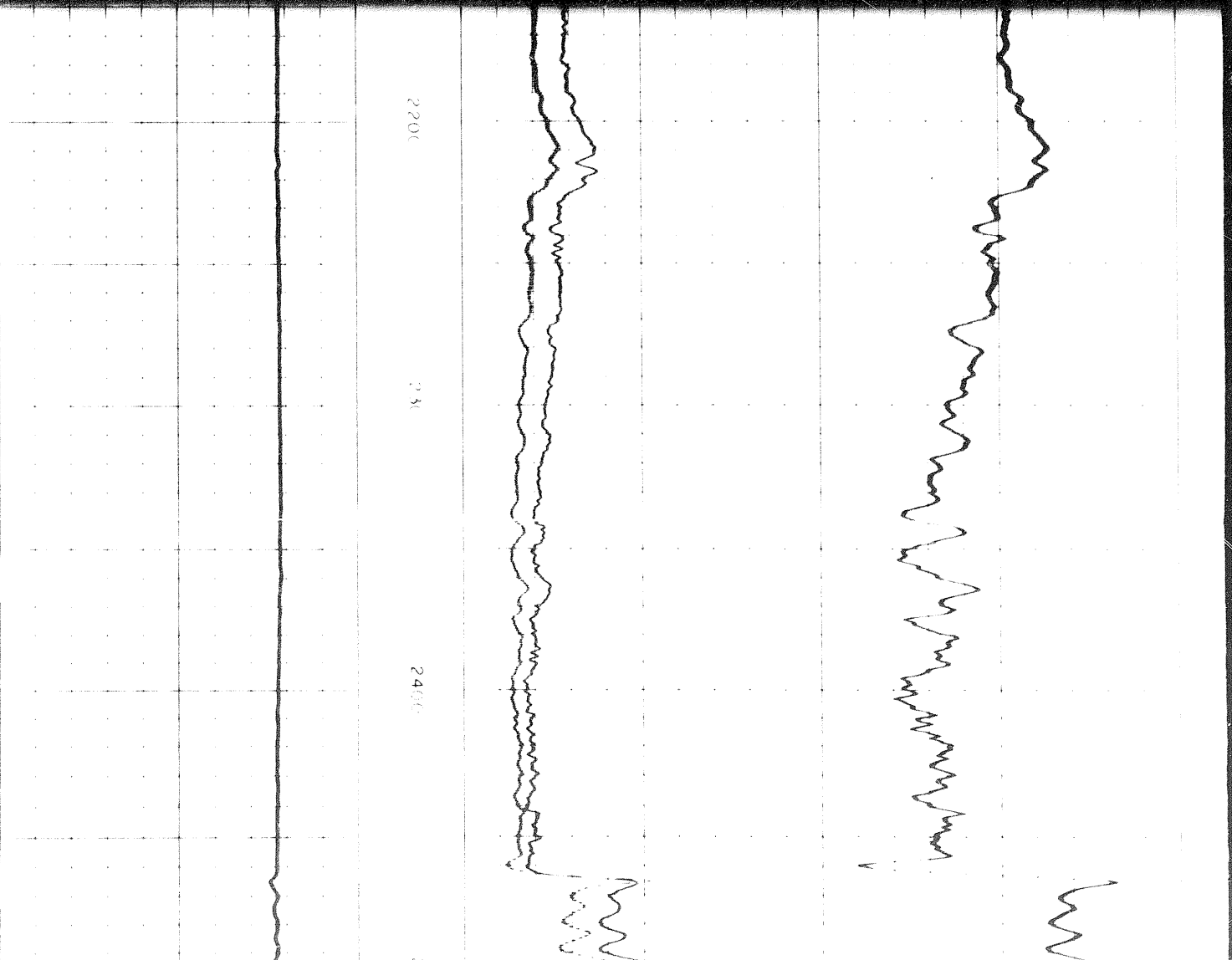
2.0



2100

2200

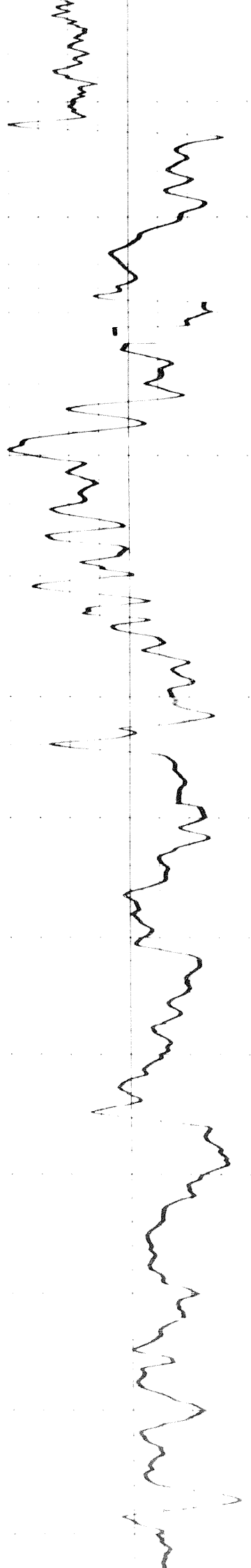
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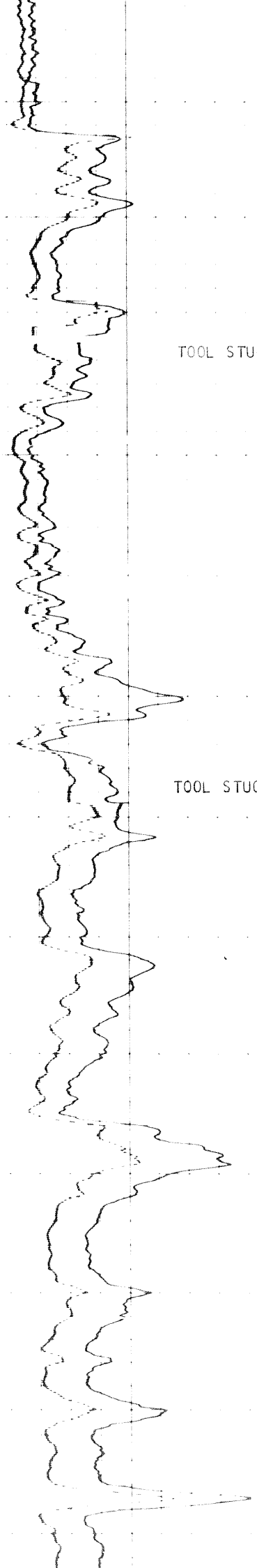
2300

2400



TOOL STUCK

TOOL STUCK



2500

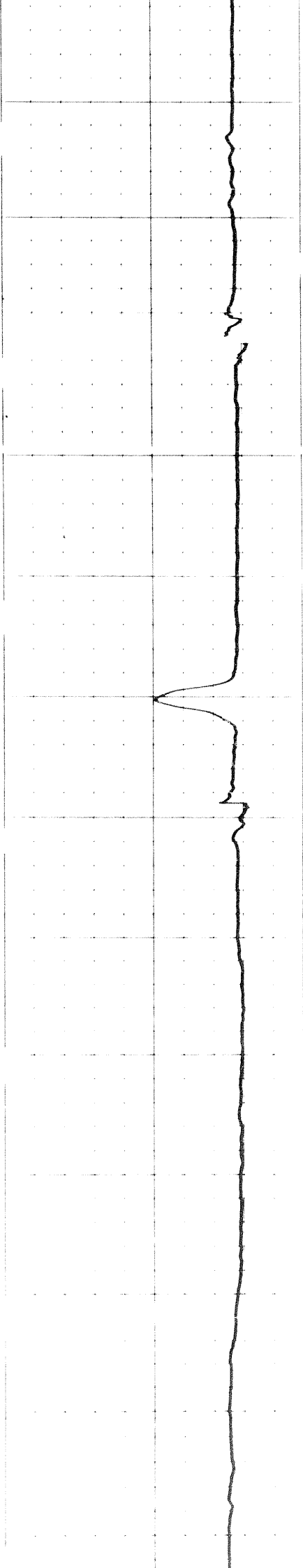
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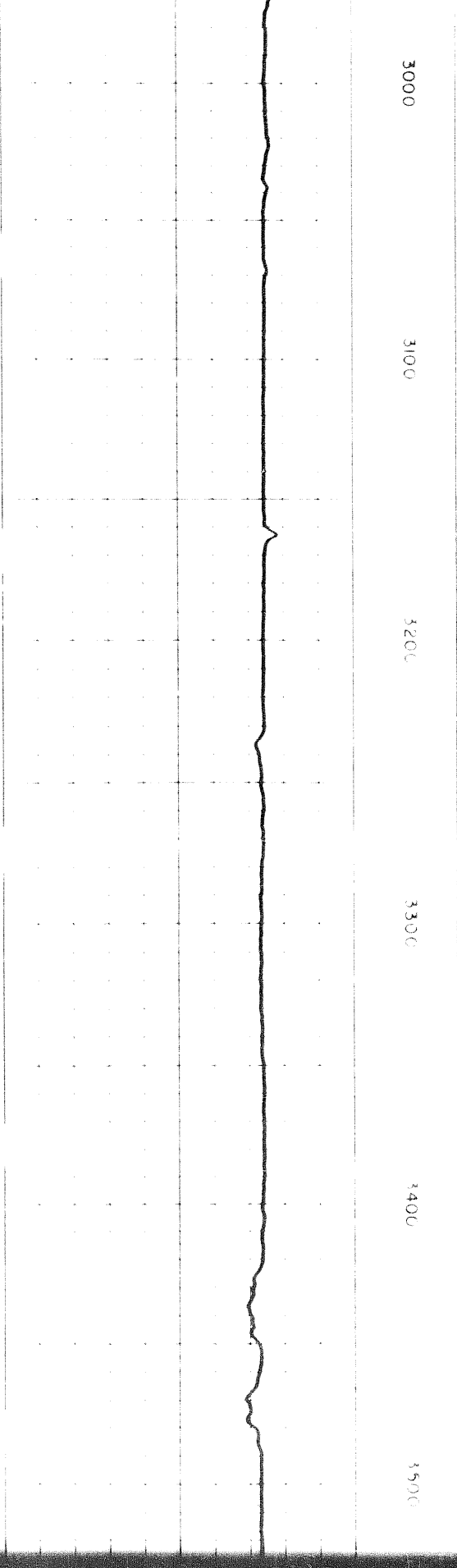
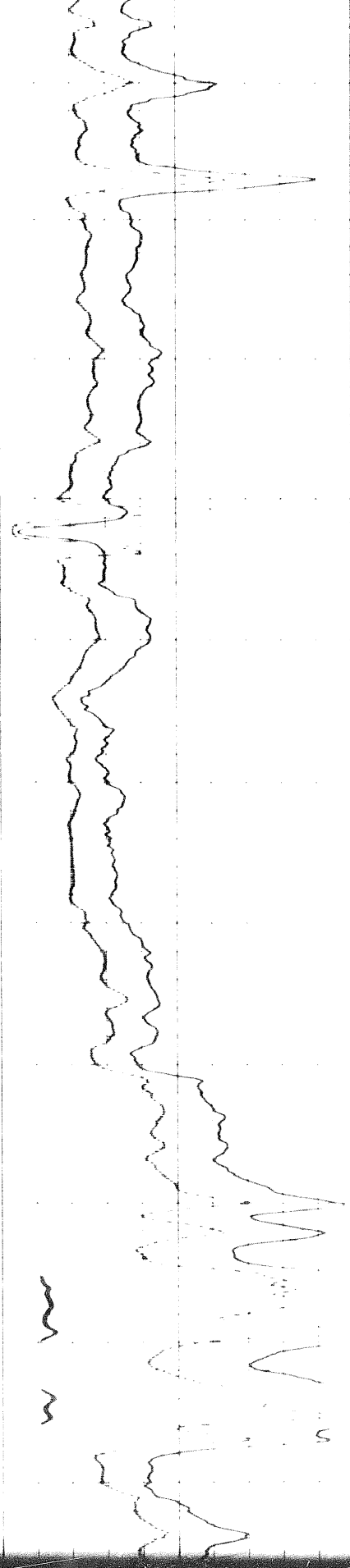
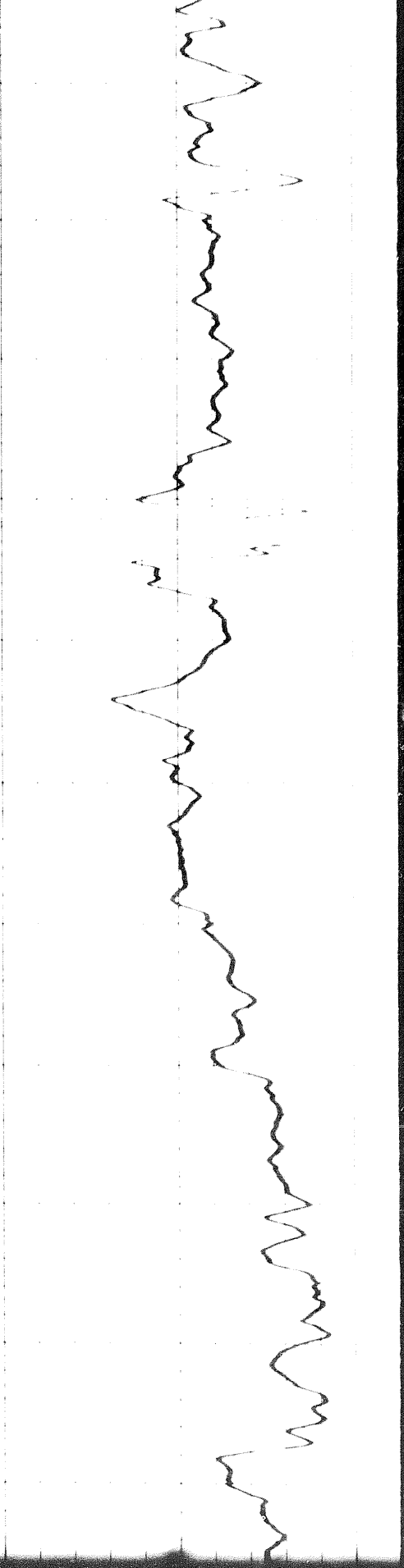
2700

2800

2900

3000





3000

3100

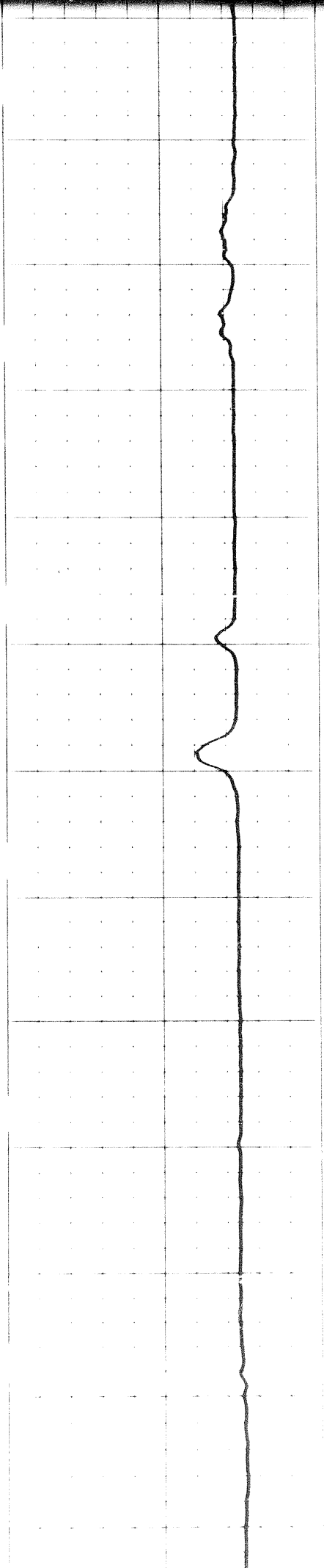
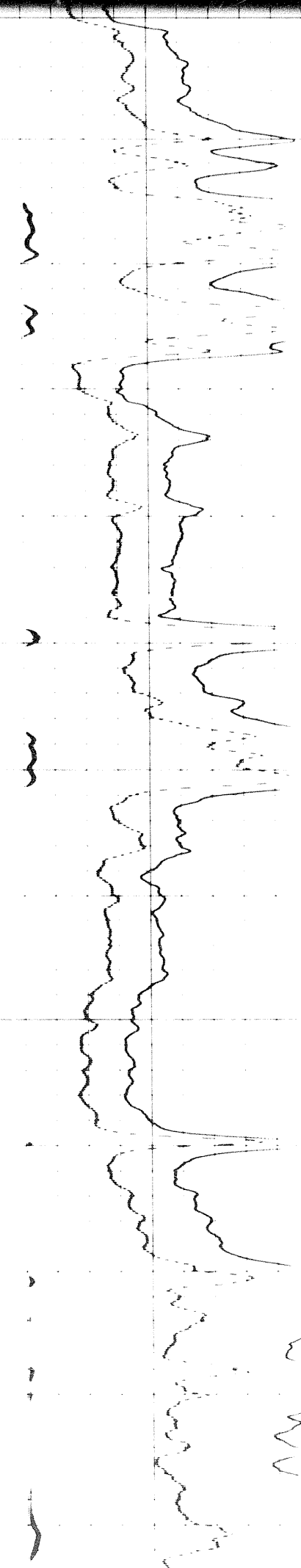
3200

3300

3400

3500

3400



3400

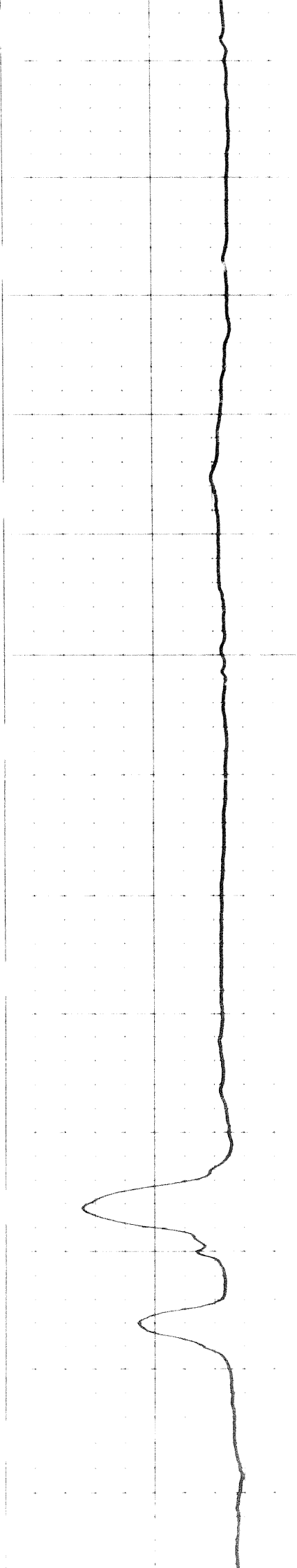
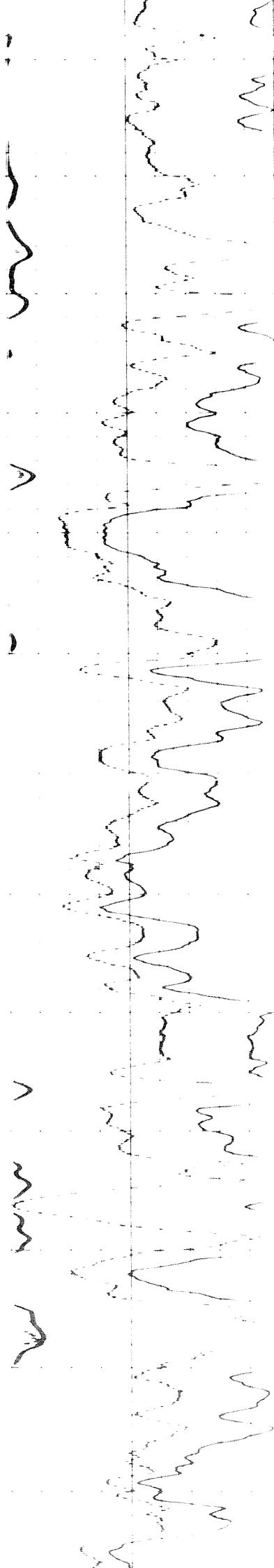
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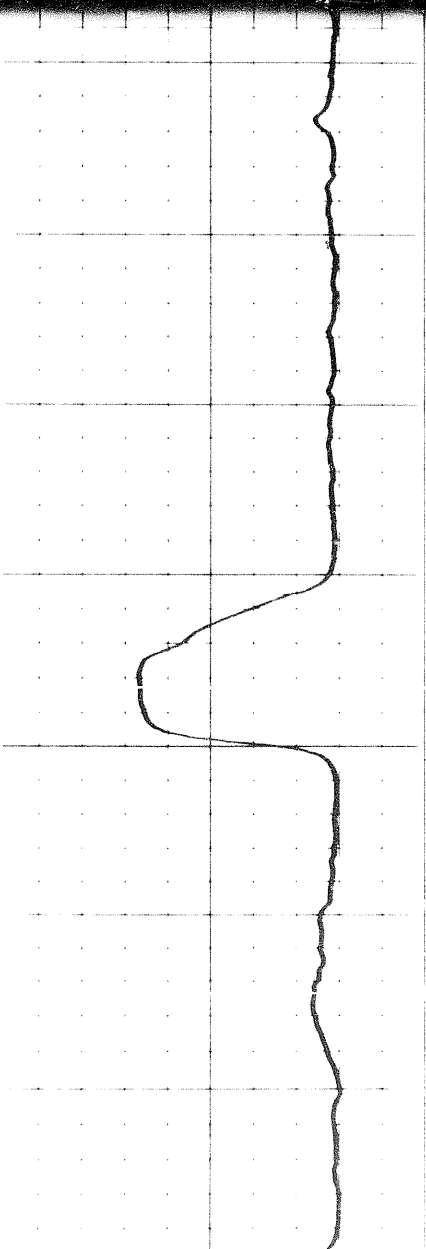
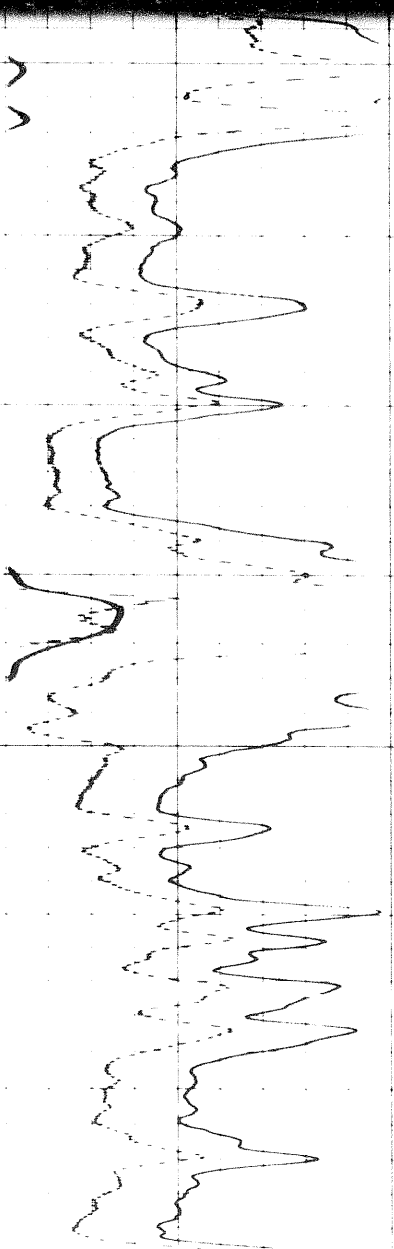
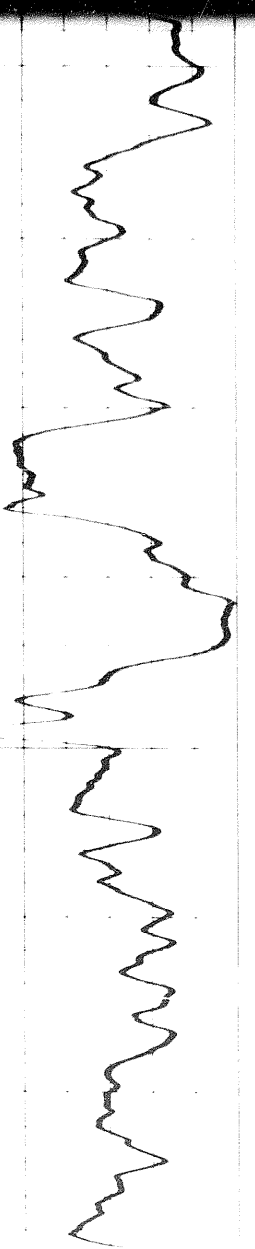
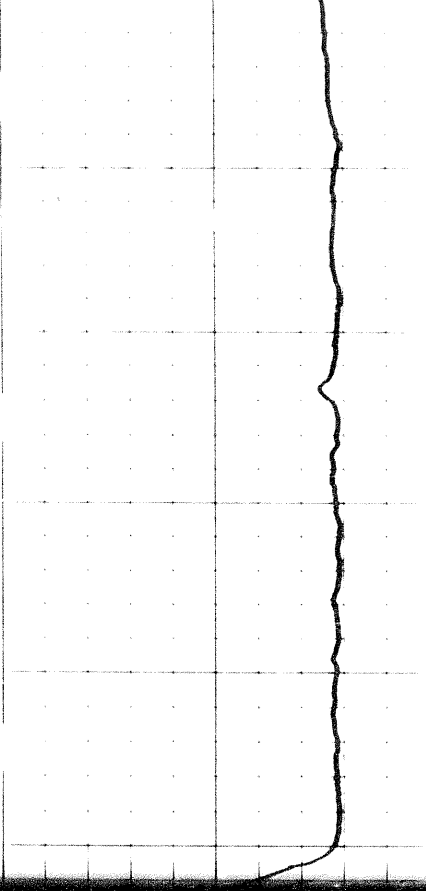
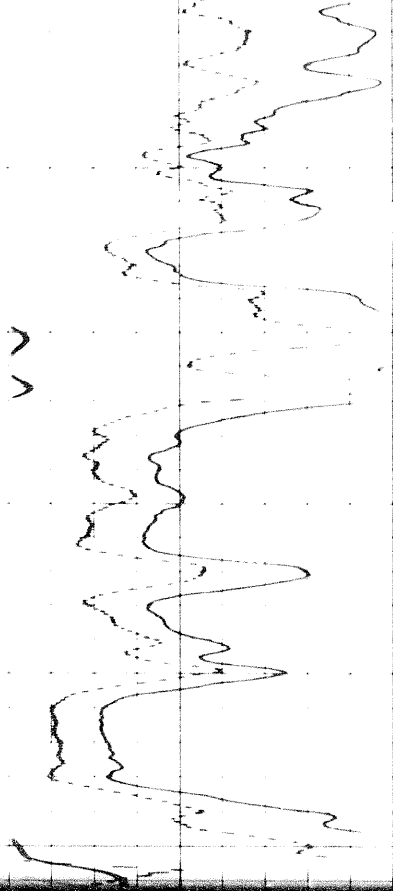
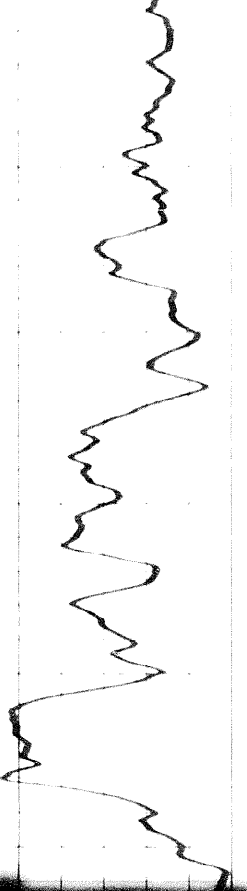
3600

3700

3800

3900





4500

4600

4700

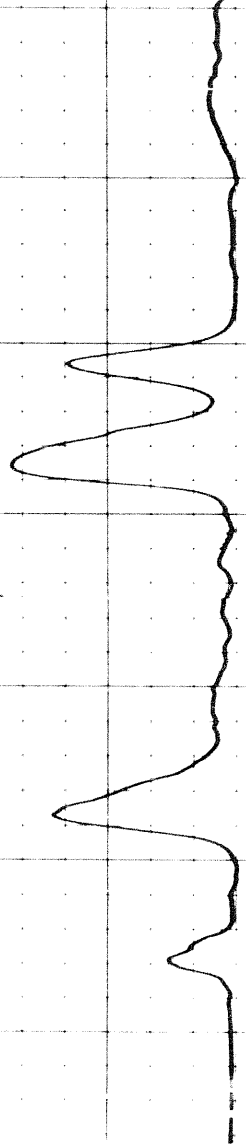
4600

4700

4800

4

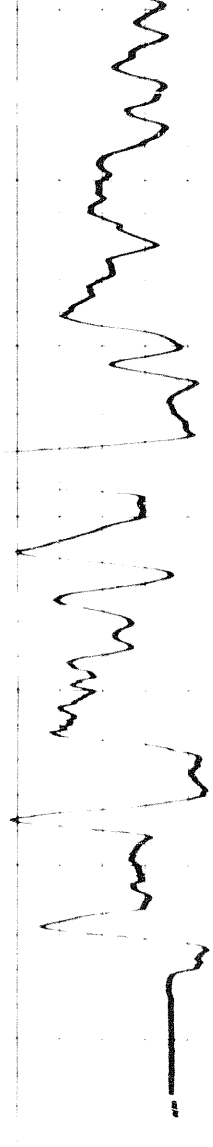
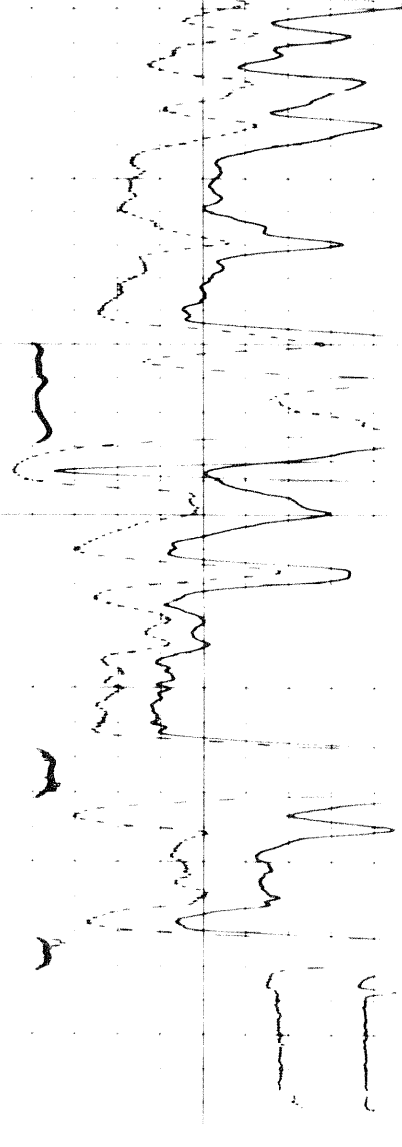
Run 1 → Run 2 →



4900

5000

FR



0	500
0	50
INDUCTION	
0	500
0	50
16" NORMAL	
RESISTIVITY ohms m / m	

Speed in FPM

400	200	100
INDUCTION		

SPONTANEOUS - POTENTIAL millivolts	DEPTHS	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms m/m}}$
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DETAIL LOG
5" = 100'

SPONTANEOUS - POTENTIAL millivolts	DEPTHS	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms m/m}}$
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Speed in FPM

20

400

INDUCTION

200

100

400

200

SPONTANEOUS-POTENTIAL
millivolts

DEPTHS

CONDUCTIVITY
millimhos/m = $\frac{1000}{\text{ohms m/m}}$

DETAIL LOG

5" = 100' RUN LINE

SPONTANEOUS-POTENTIAL
millivolts

DEPTHS

CONDUCTIVITY
millimhos/m = $\frac{1000}{\text{ohms m/m}}$

INDUCTION

400

200

100

400

20

Speed in FPM

RESISTIVITY
ohms m/m

16" NORMAL

INDUCTION

0

200

0

100

0

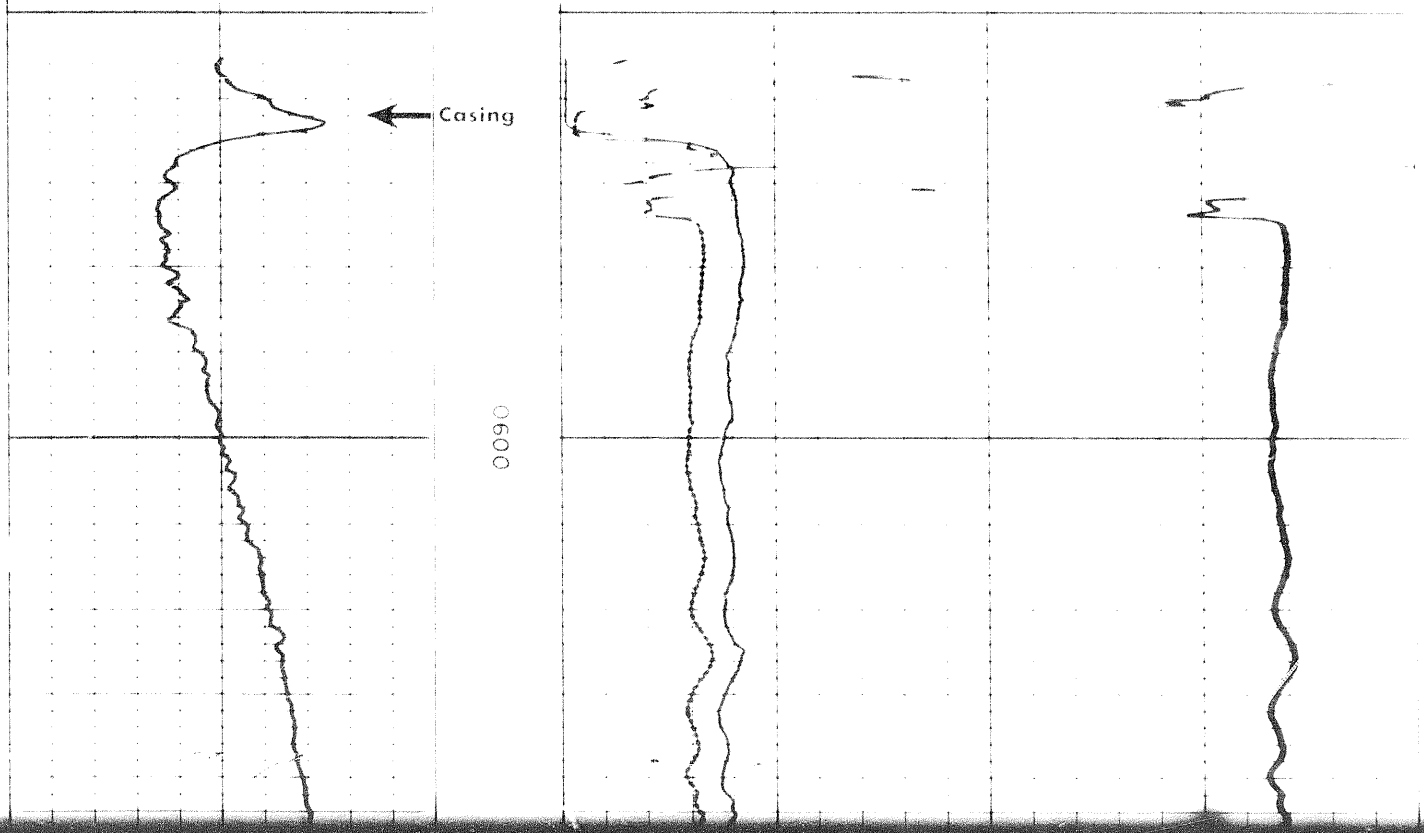
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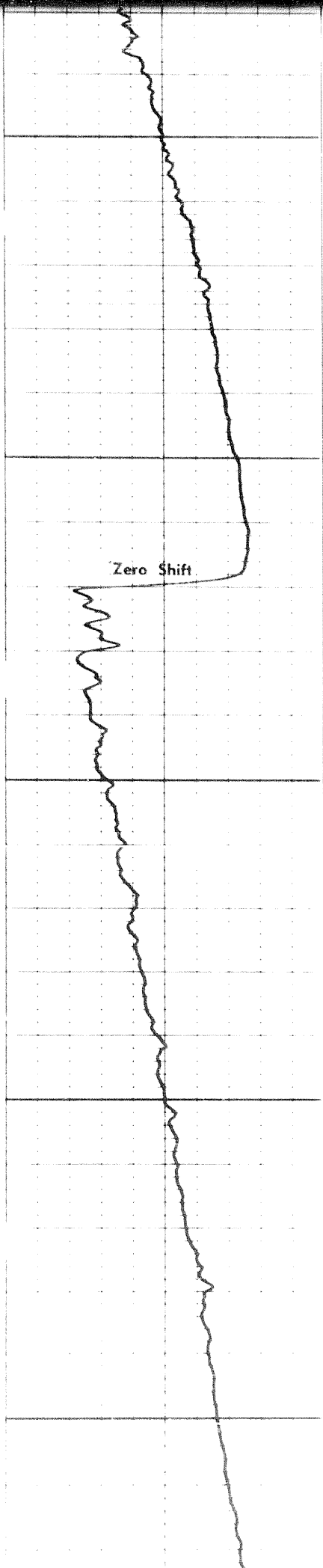
0

100

Casing

0600

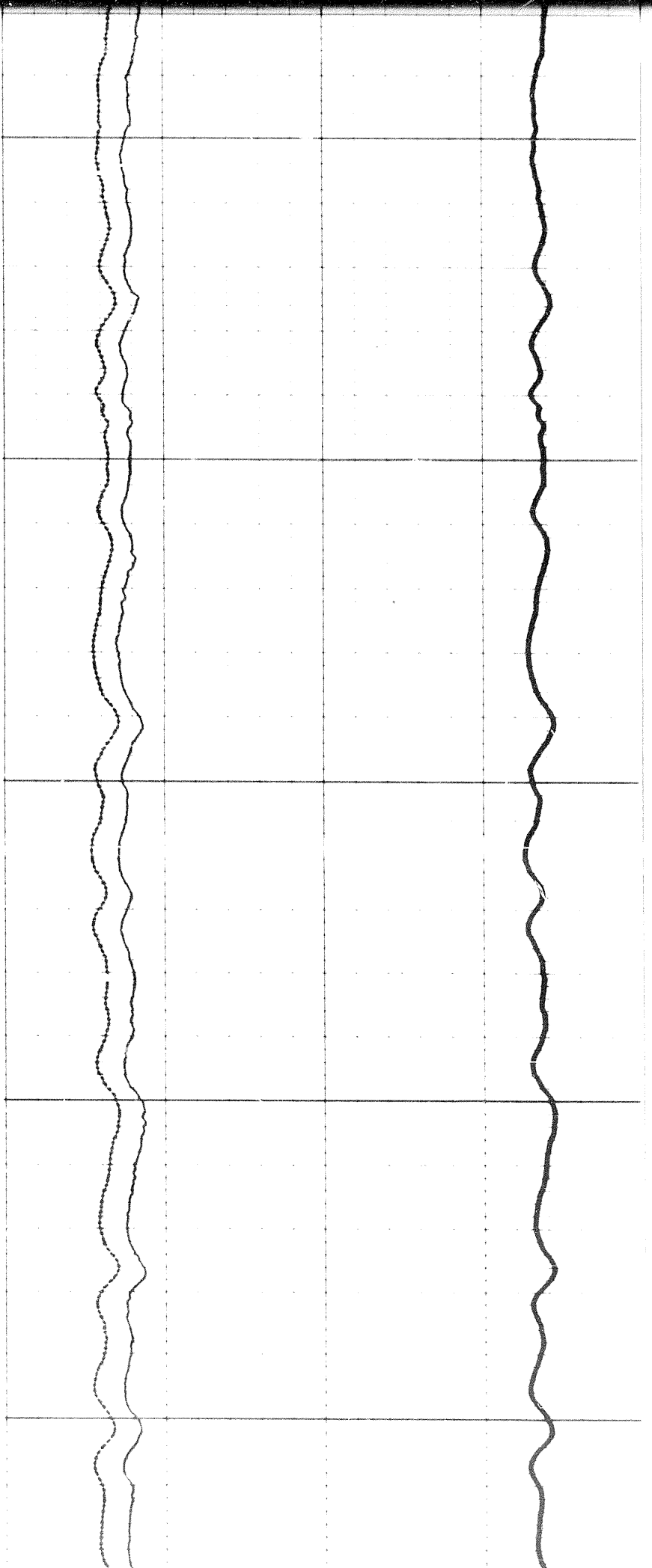


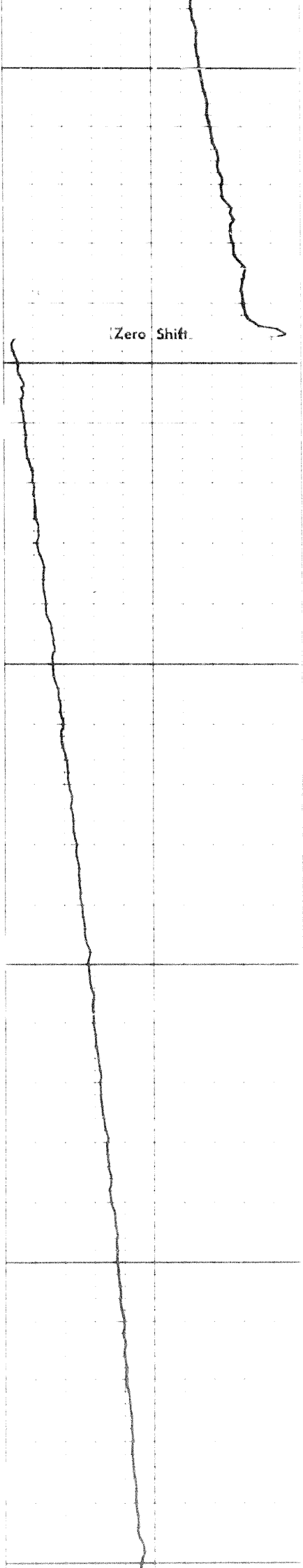


0090

0700

0800

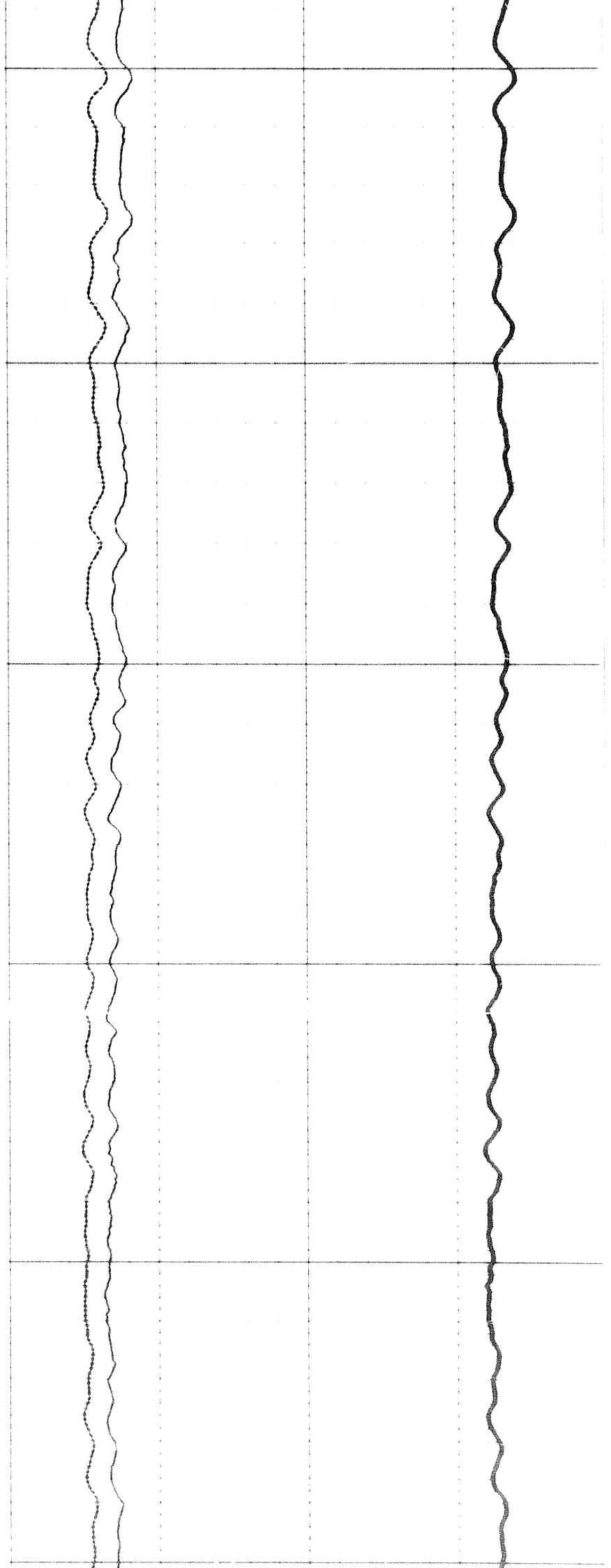


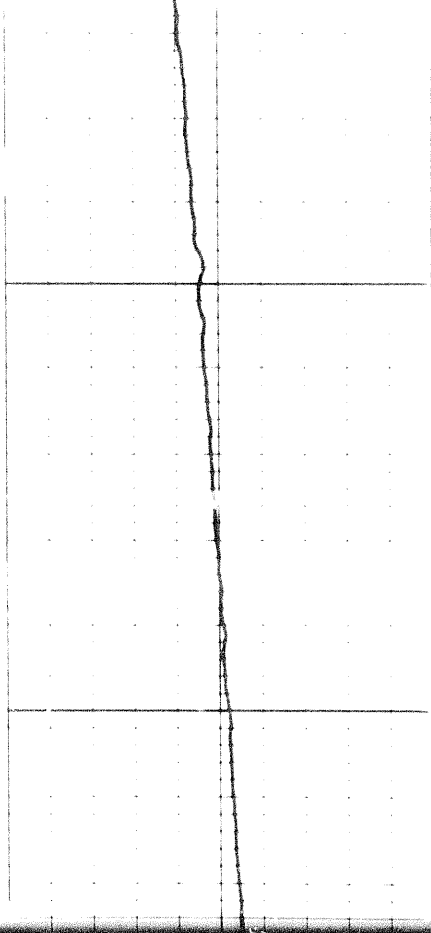


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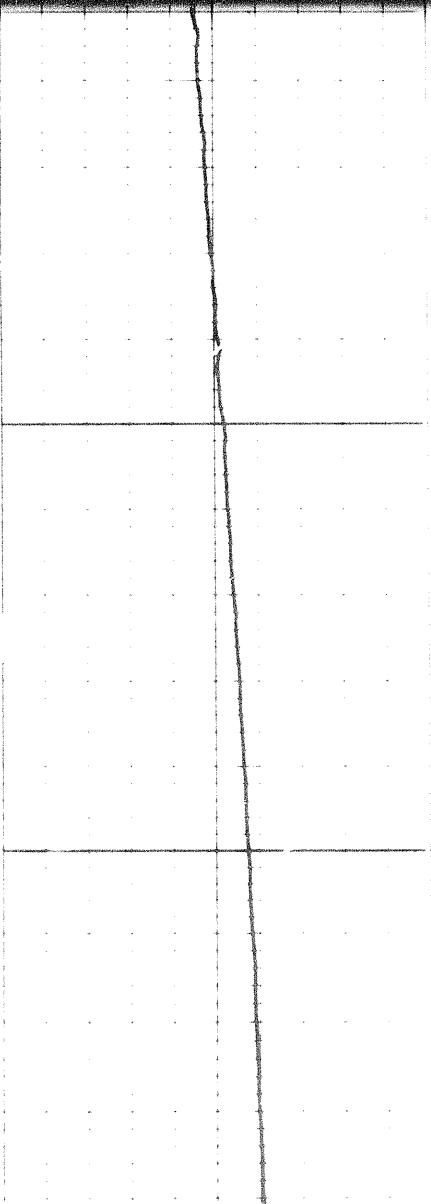
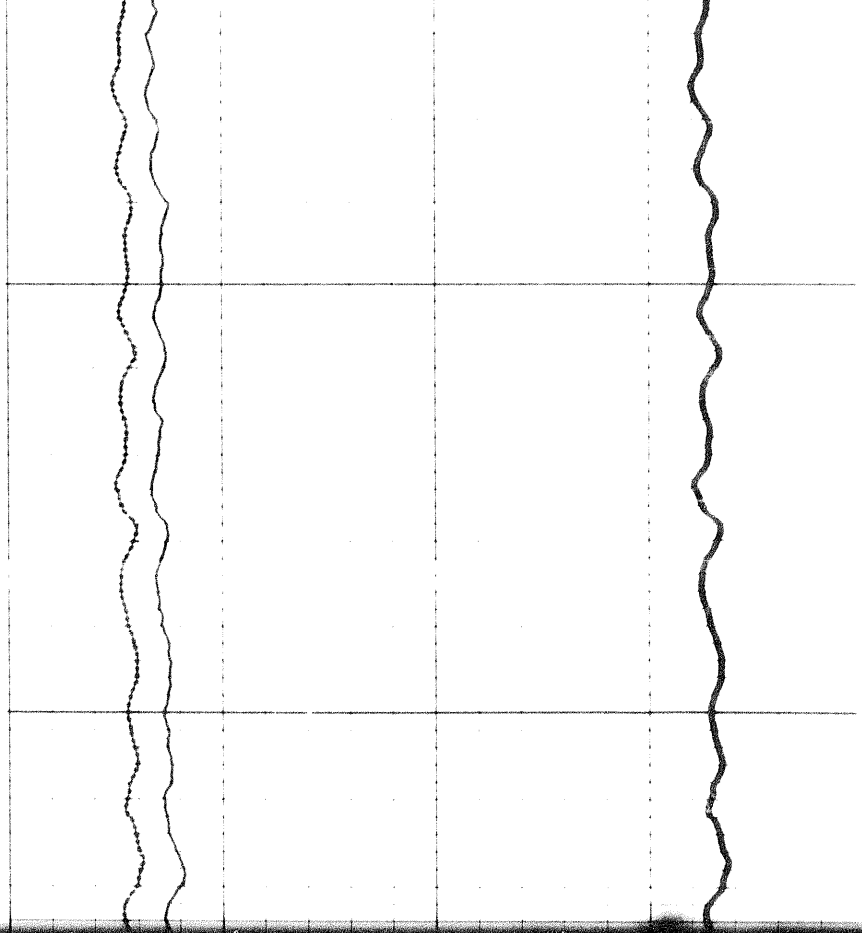
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0000

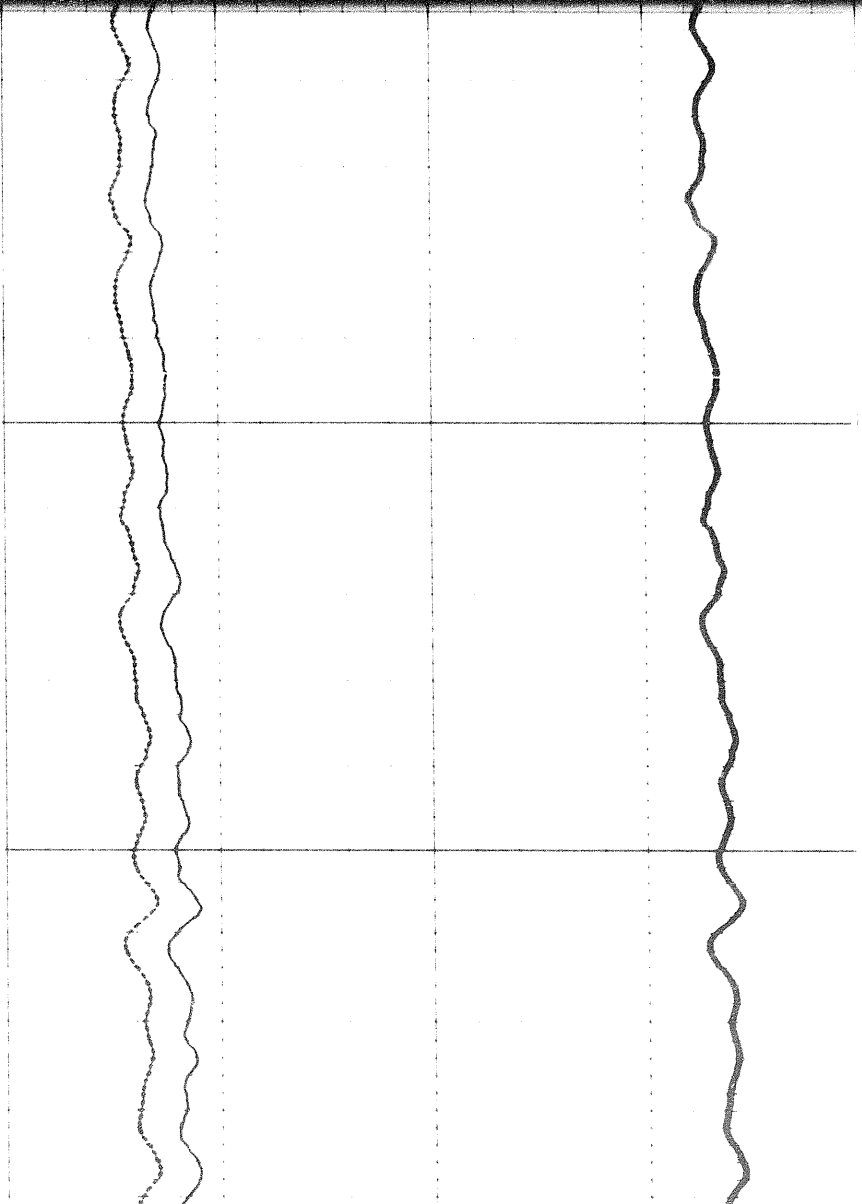


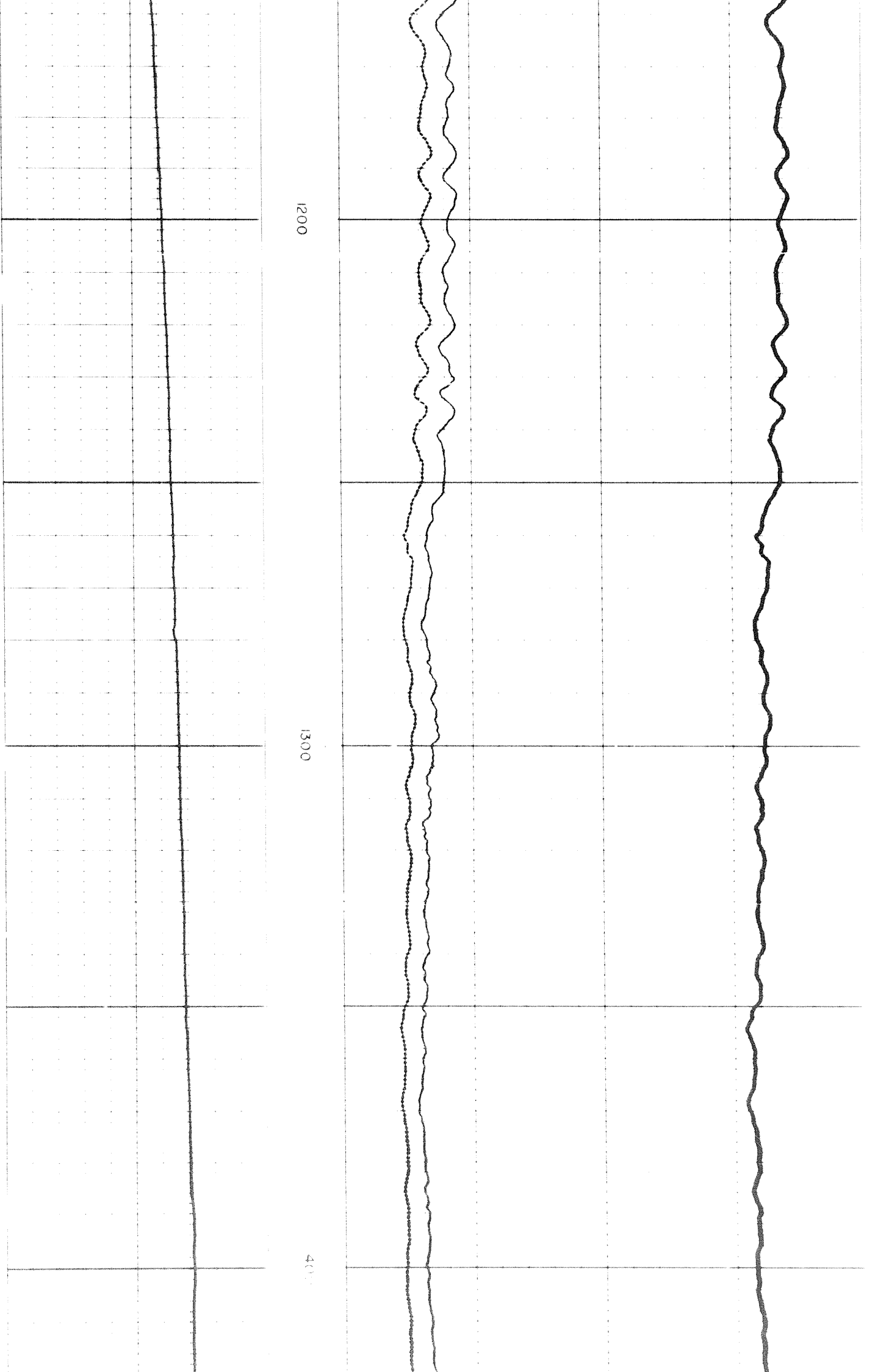


001



001

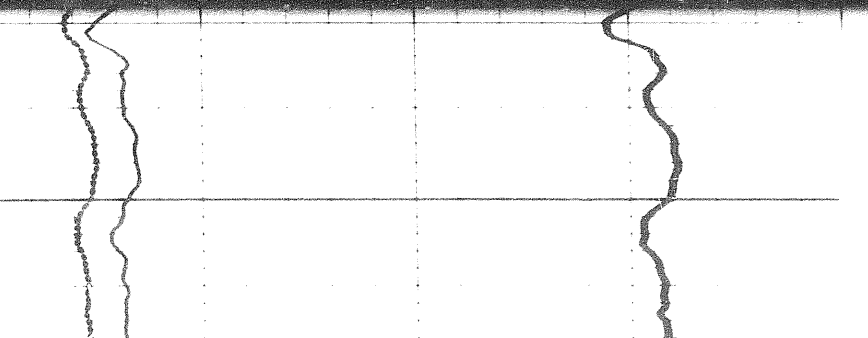
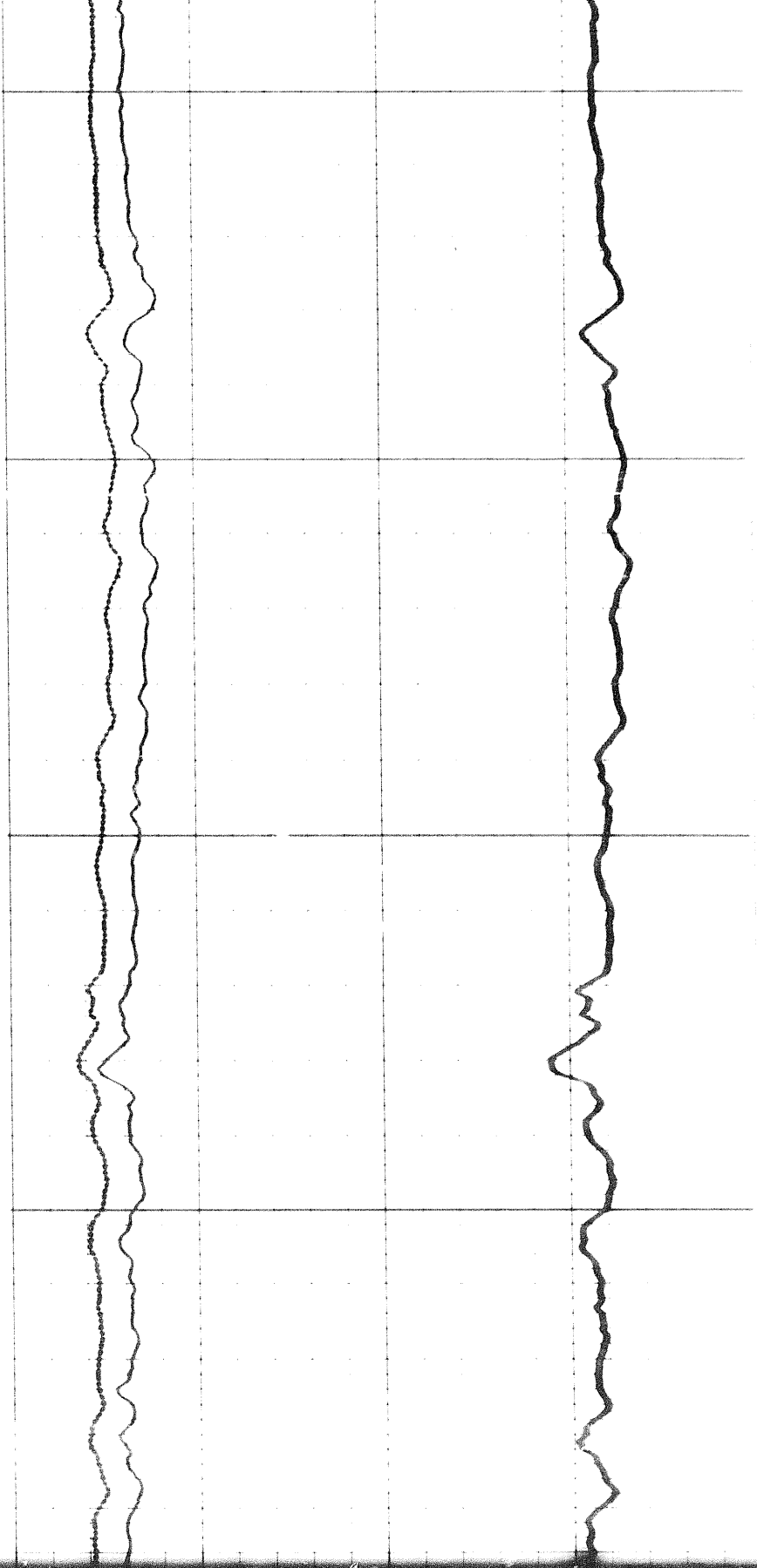




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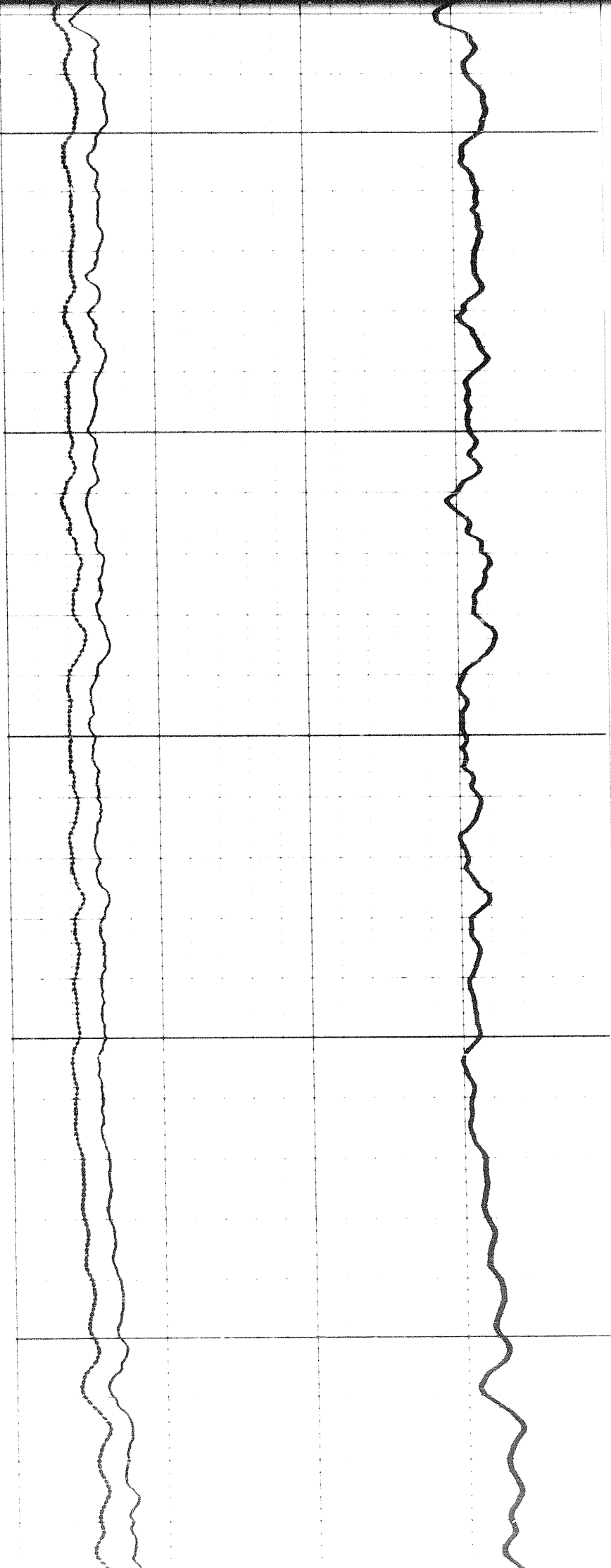
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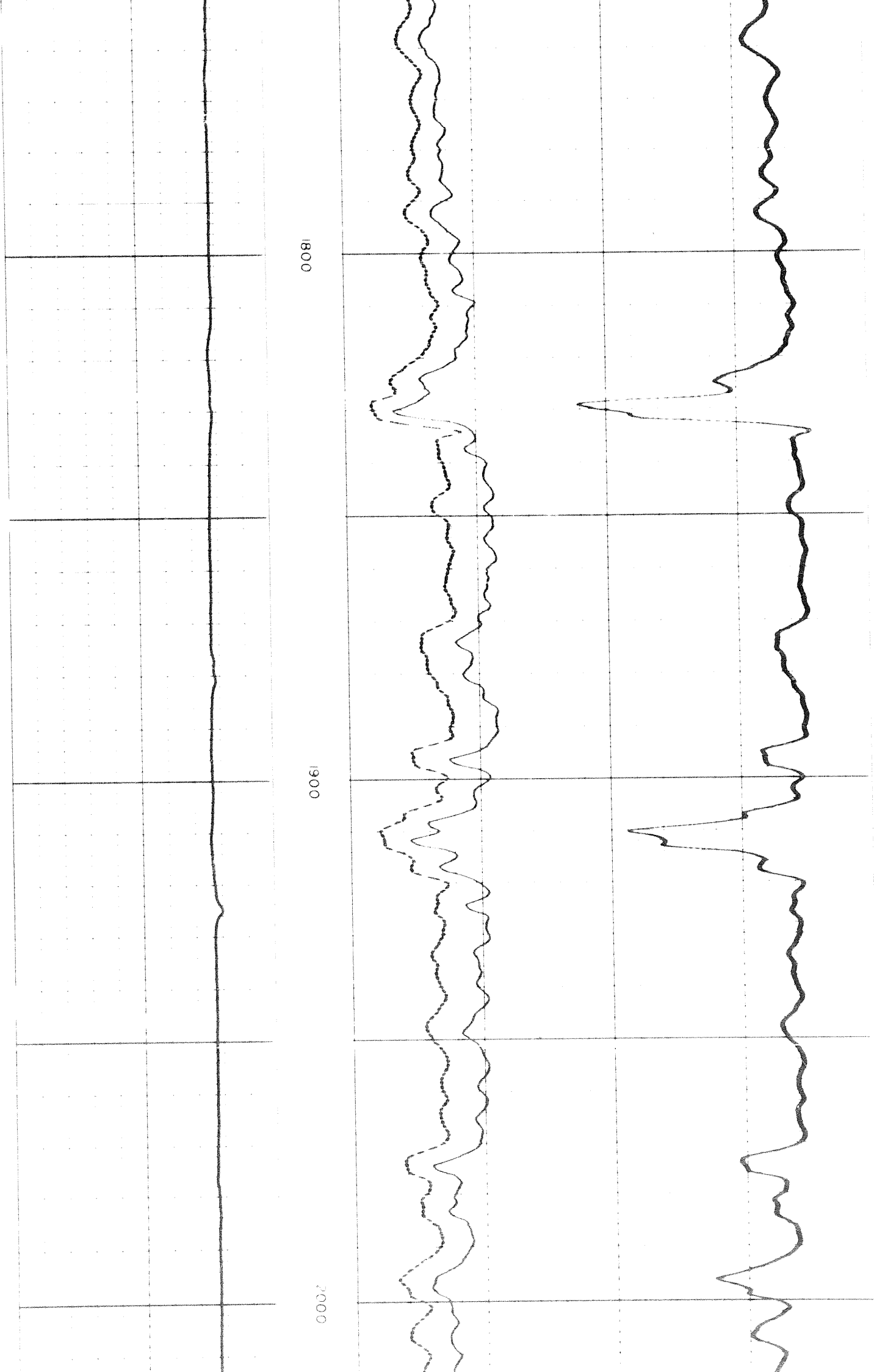
1500



1600

1700





1800

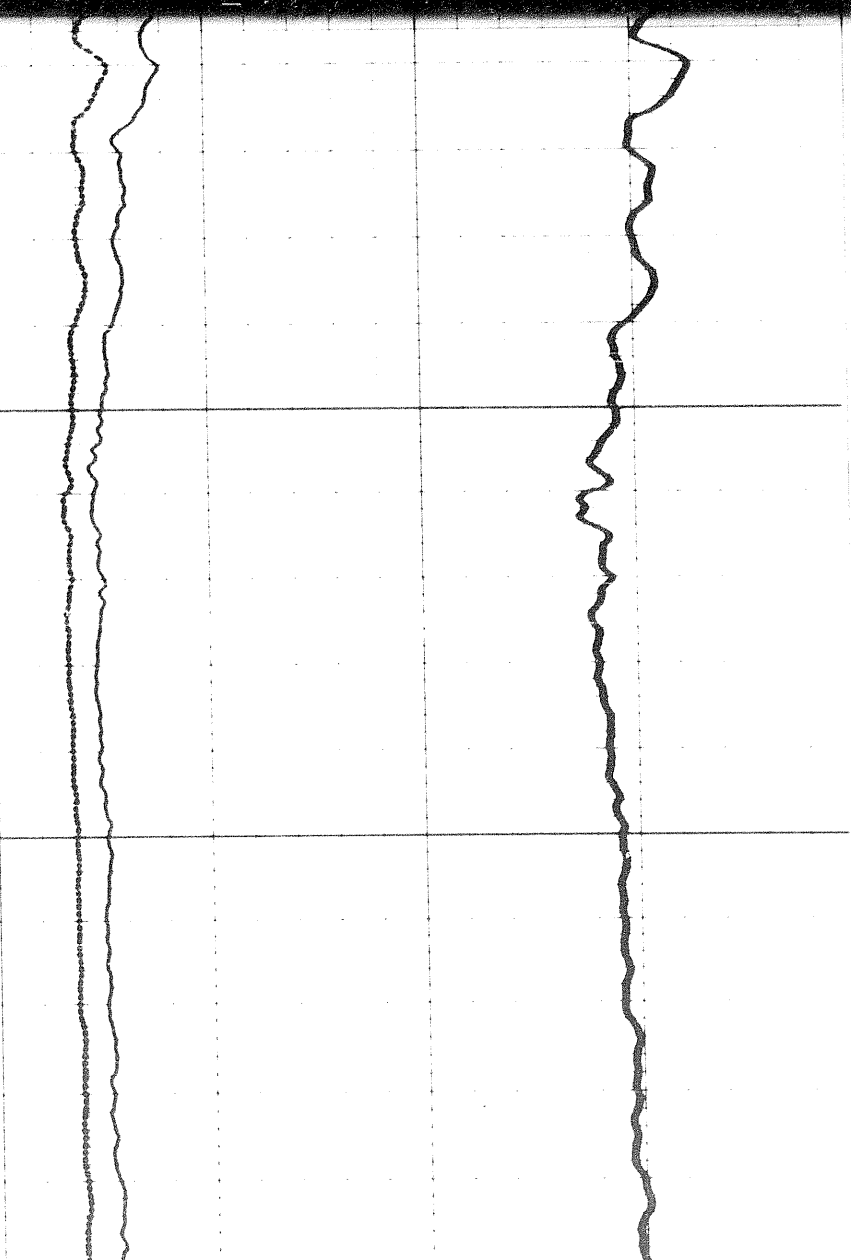
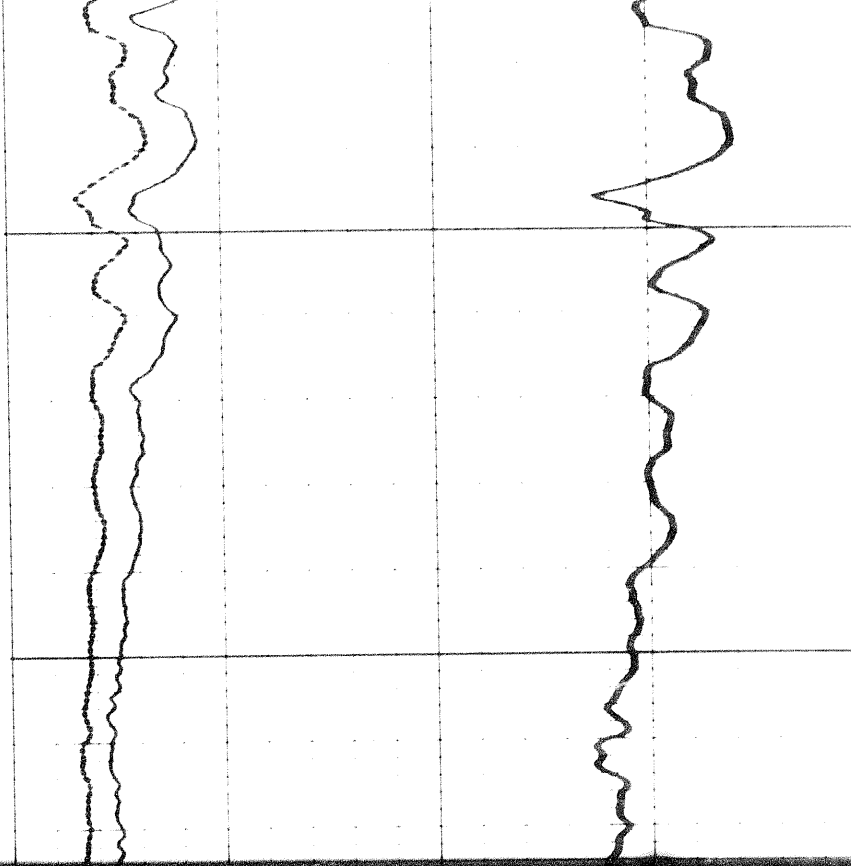
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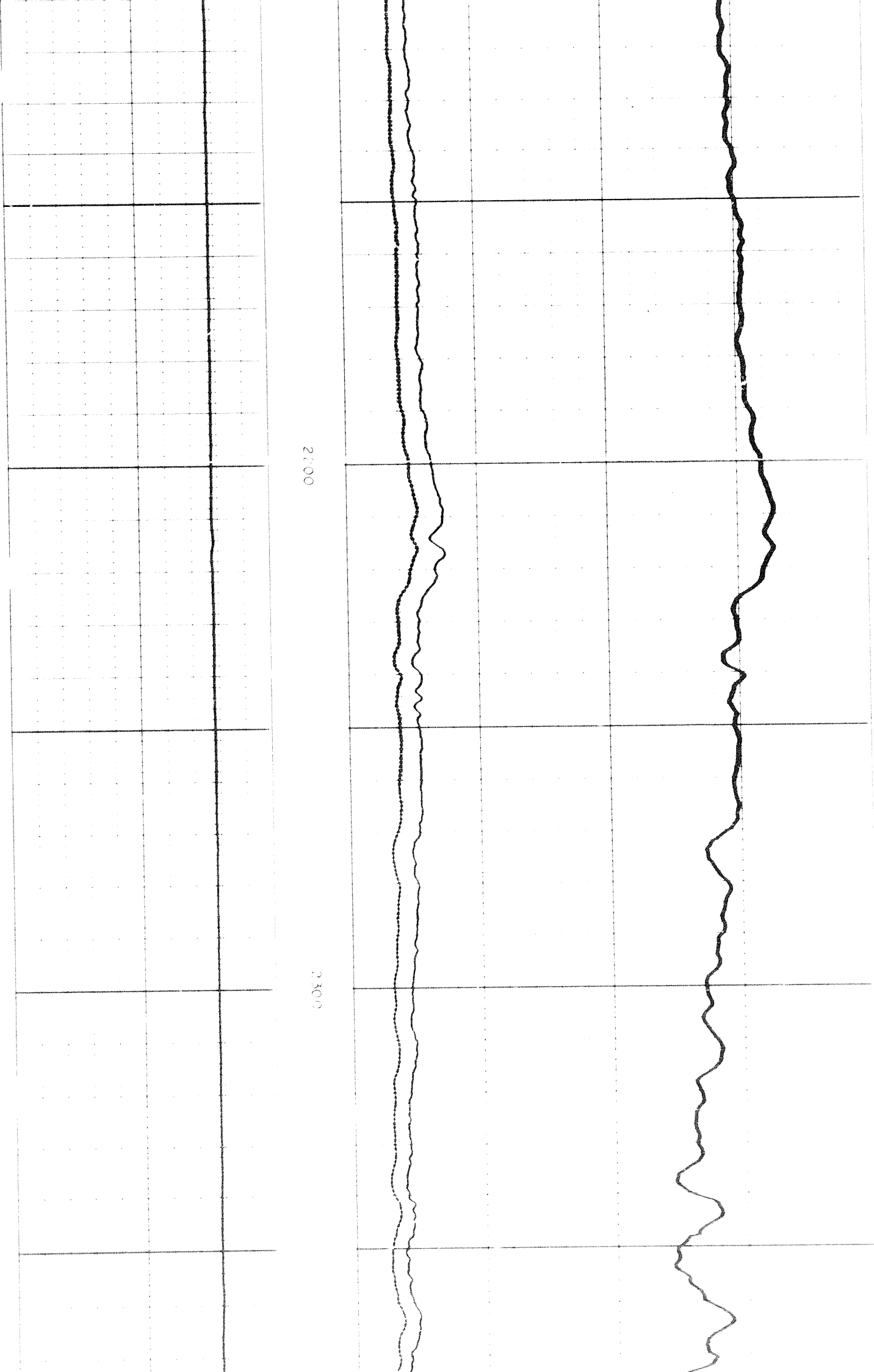
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504

2000

2100

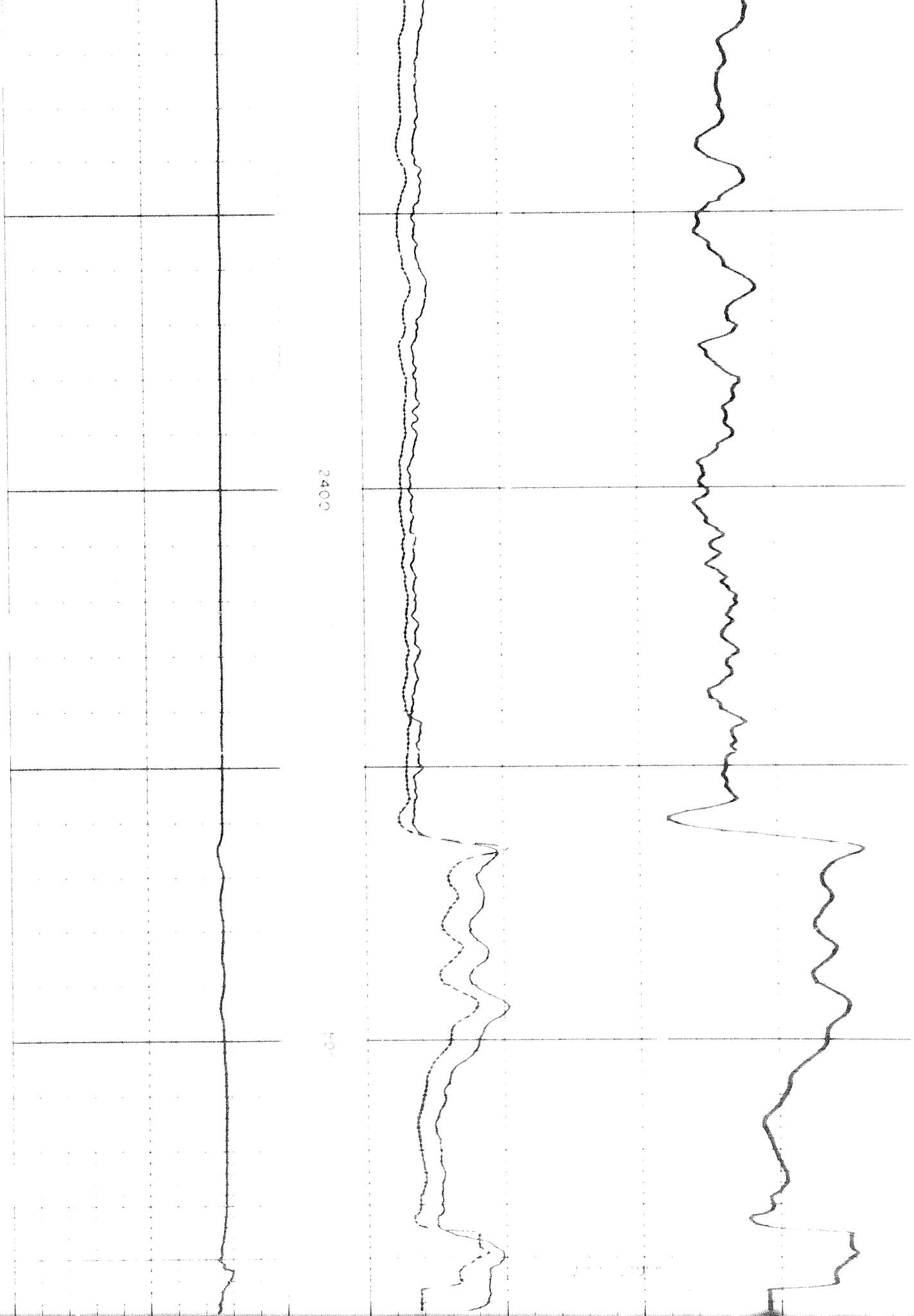


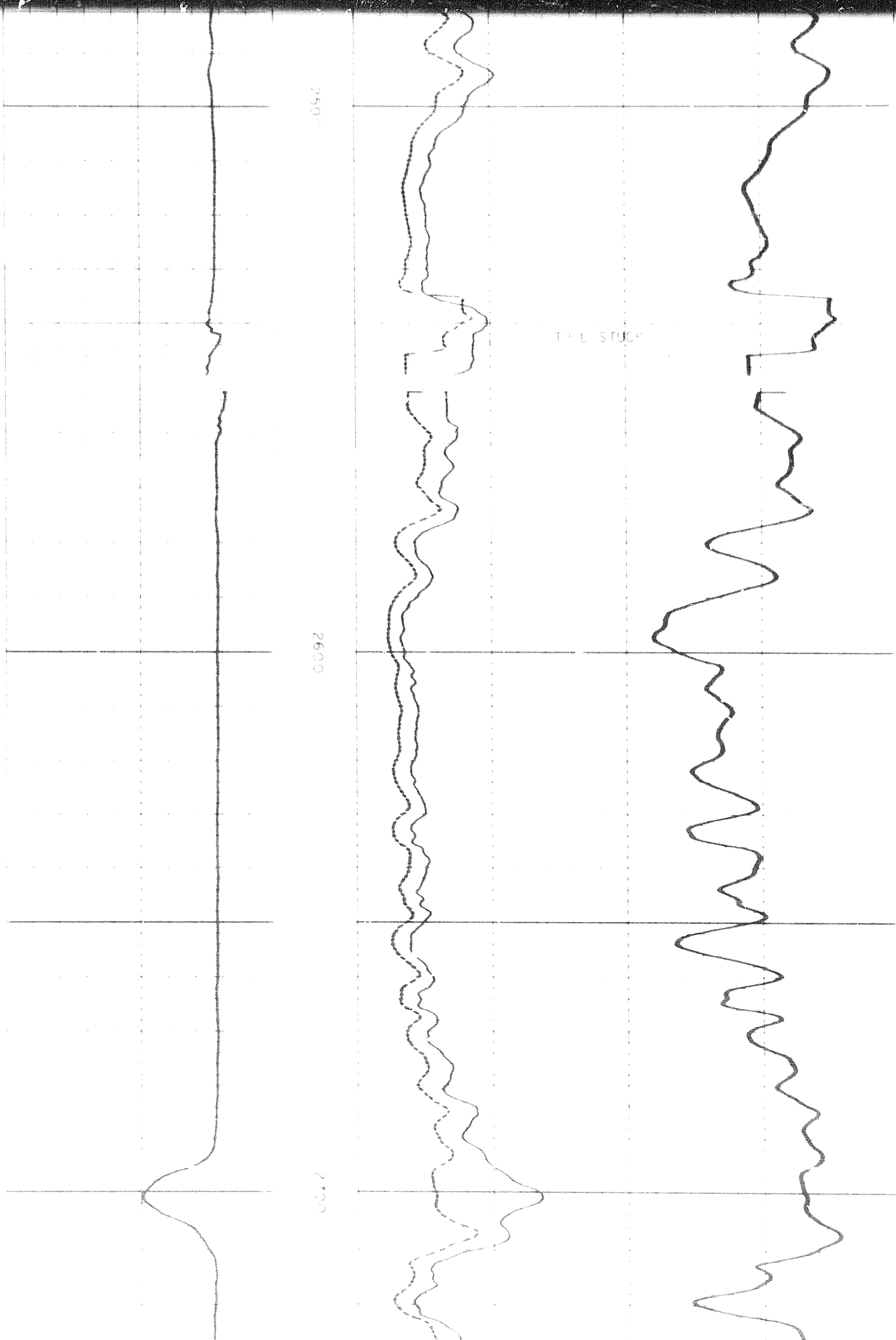


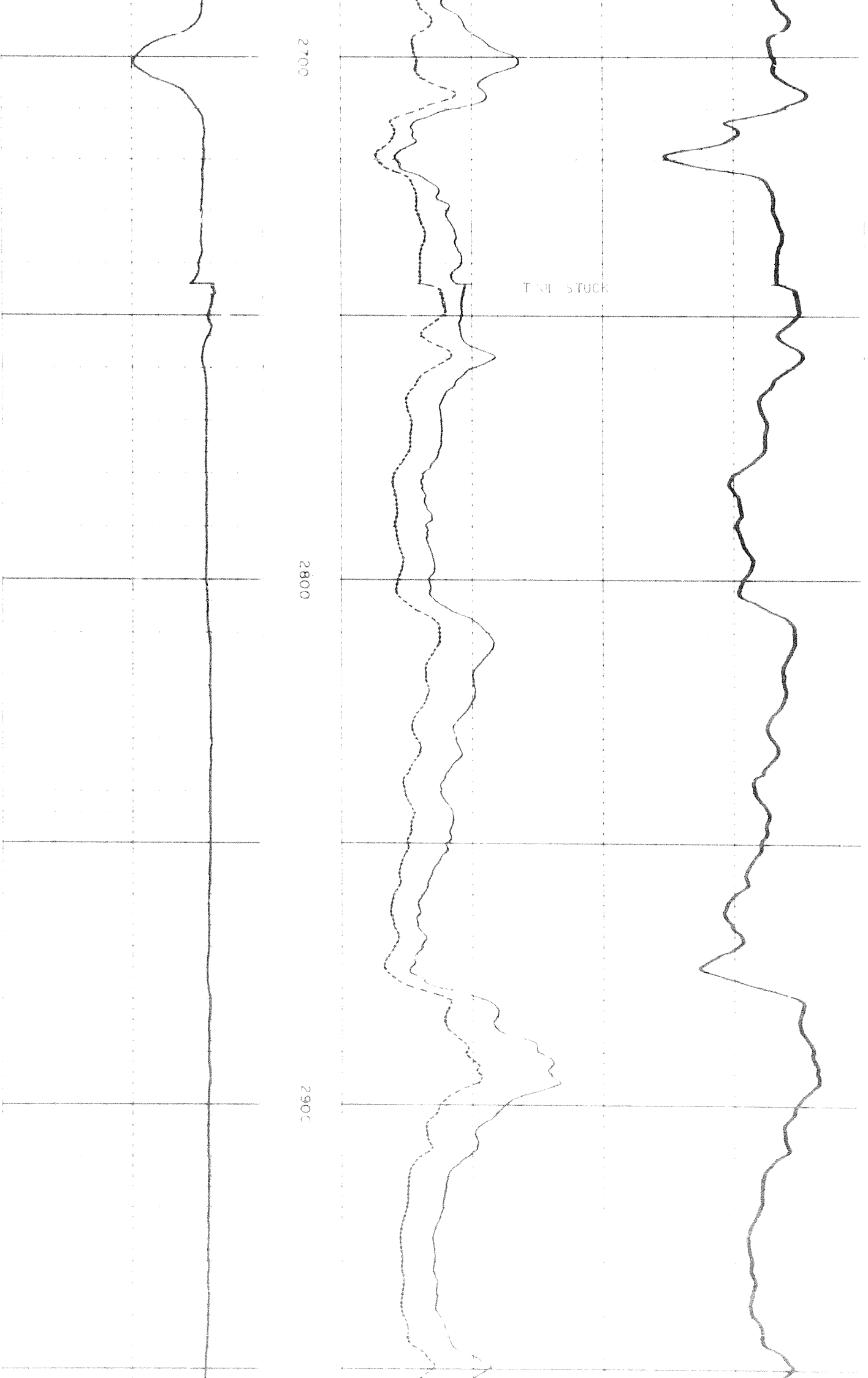
70

2400

400







2700

TOOL STUCK

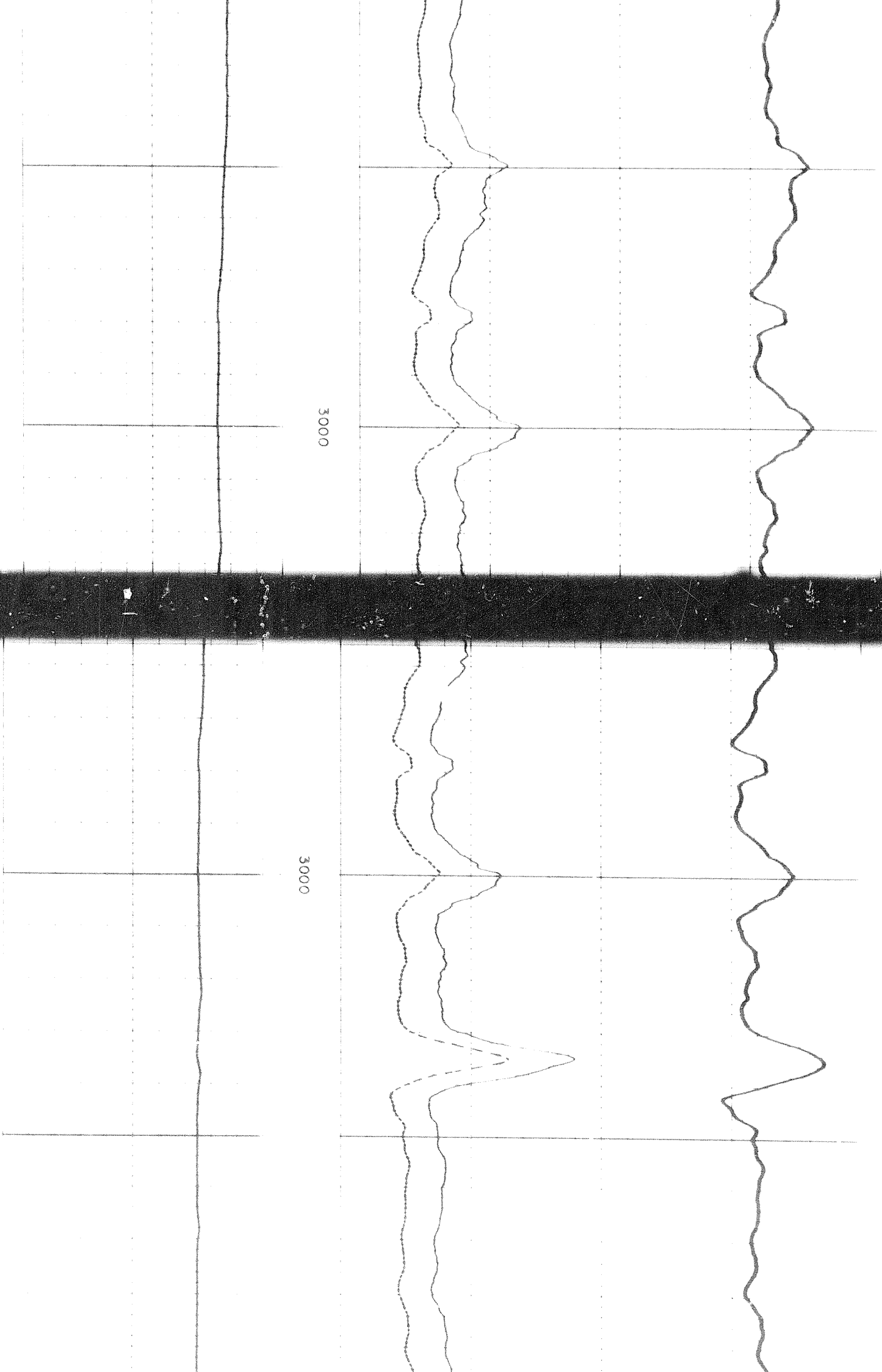
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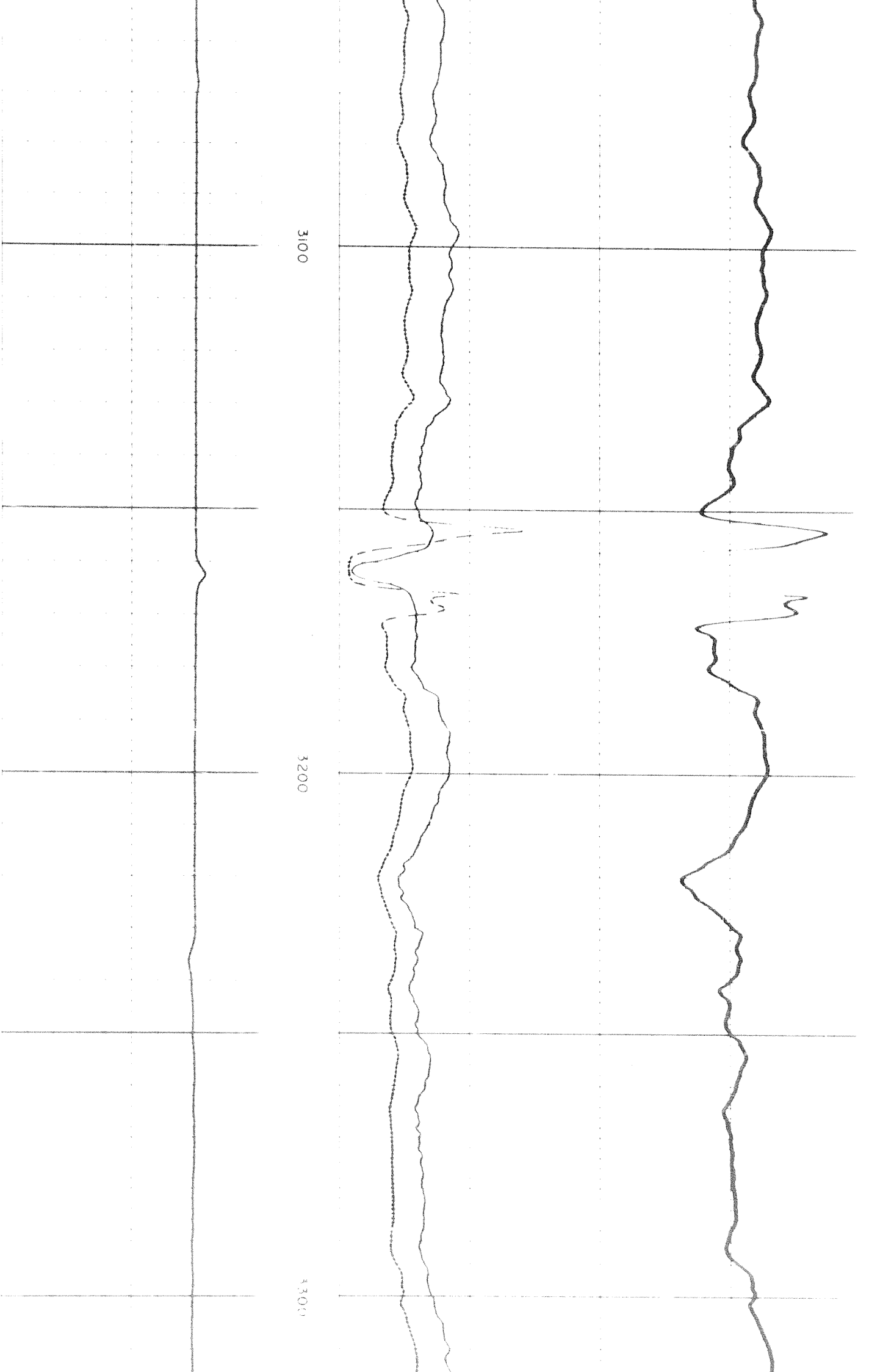
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104

3000

3000

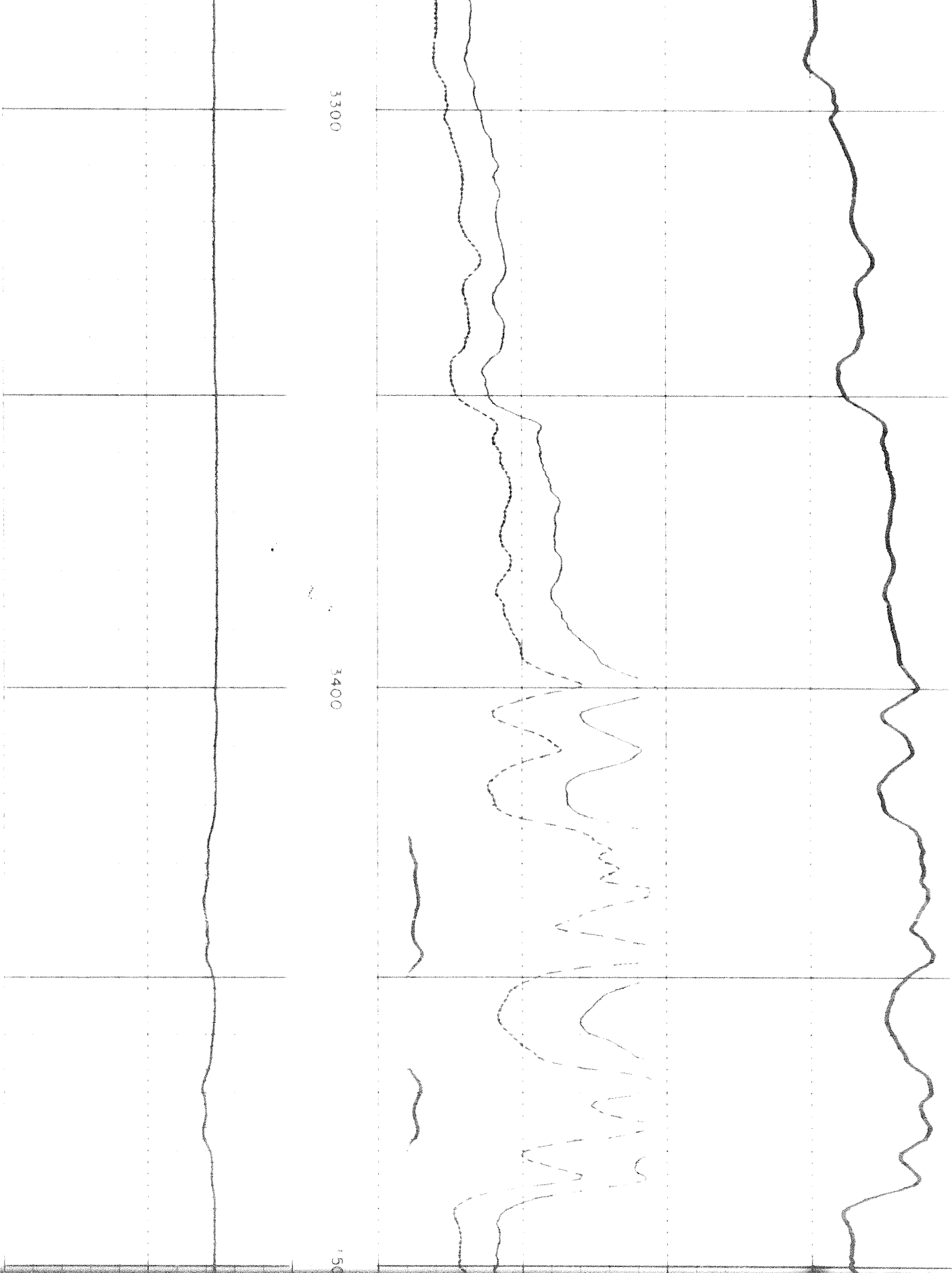


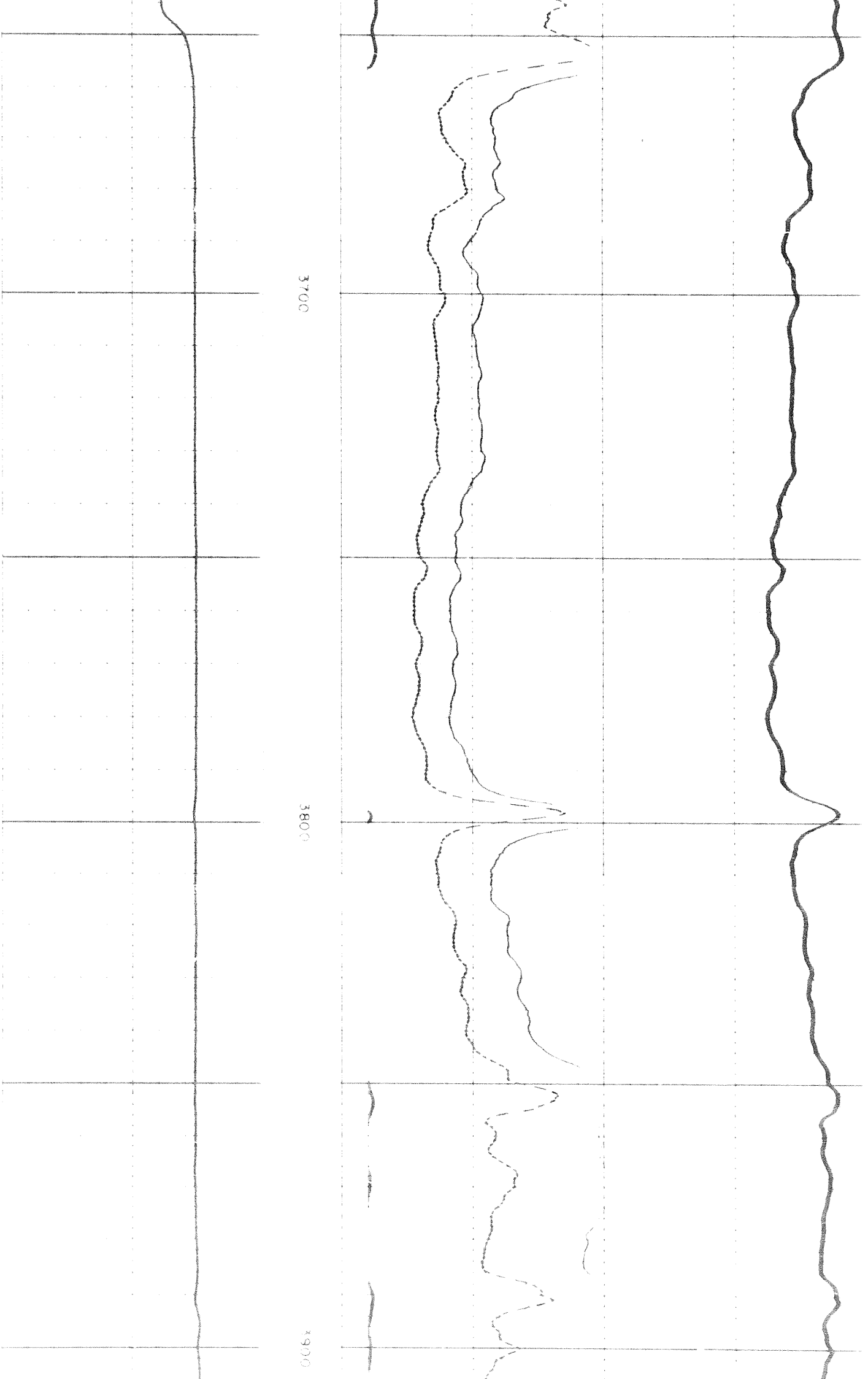


3300

3400

3500



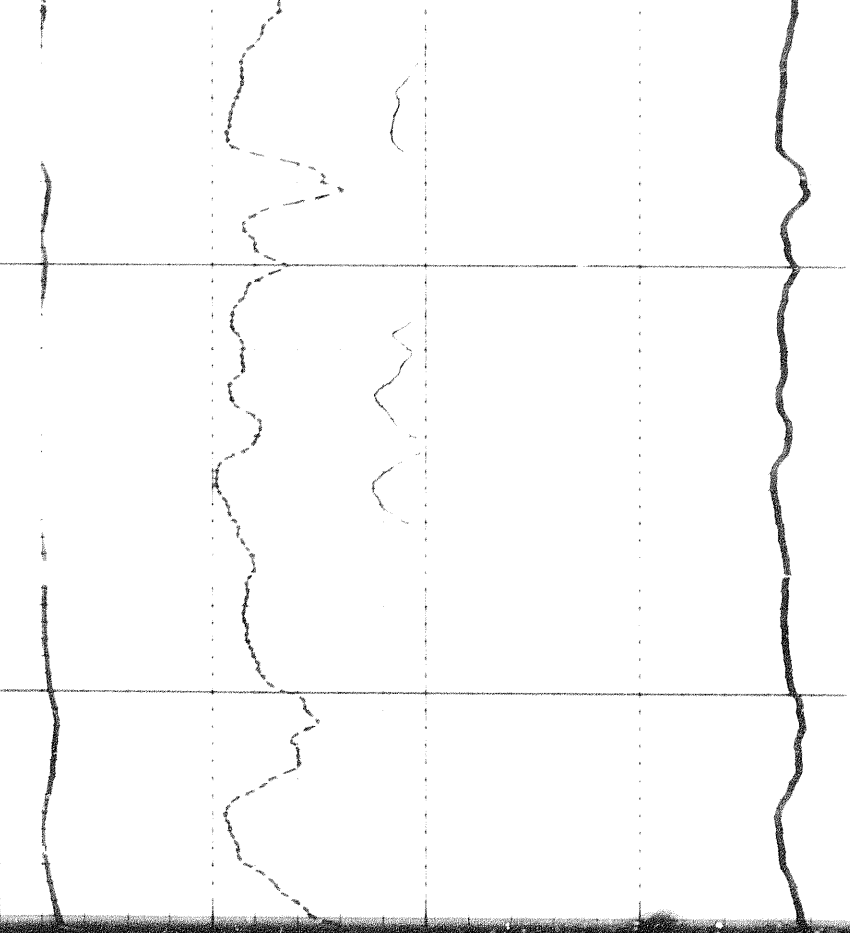


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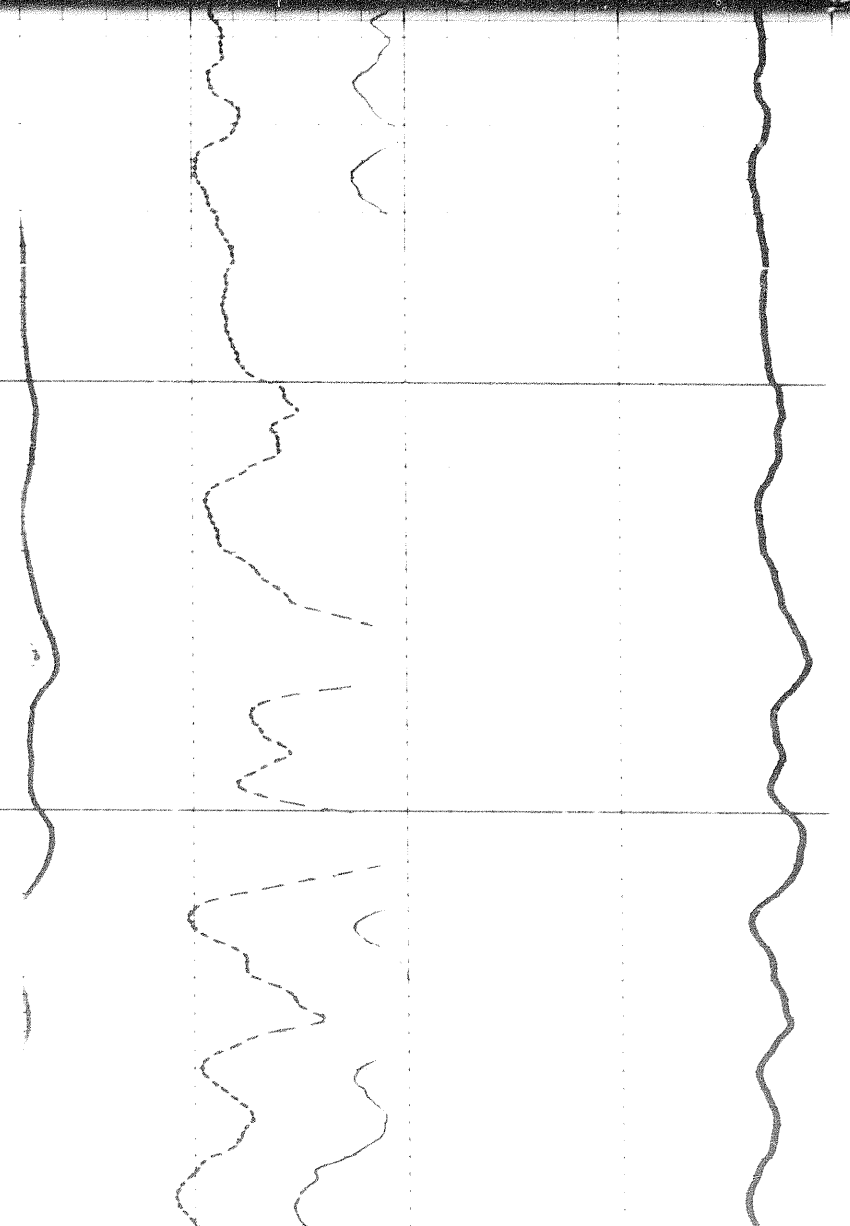
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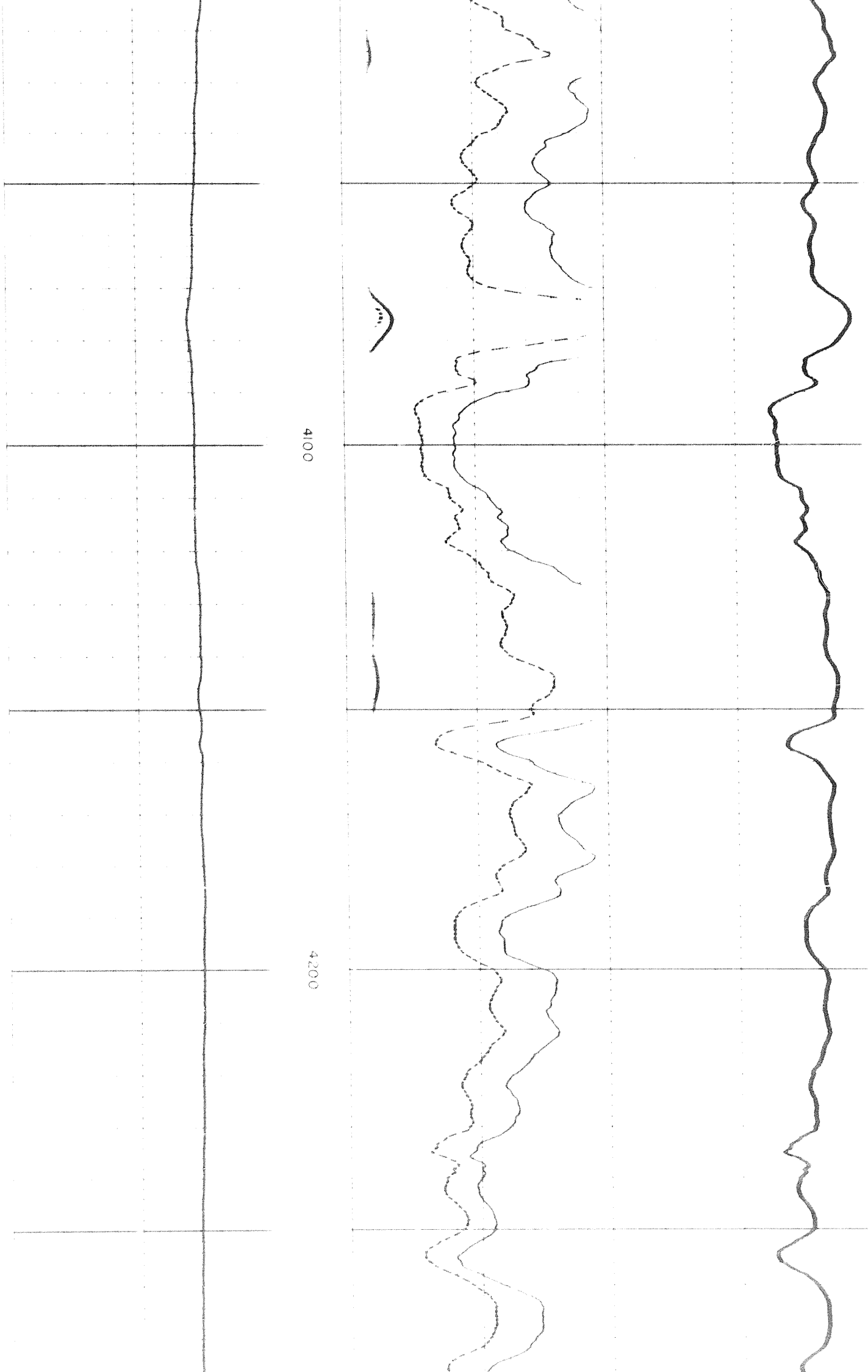
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3900



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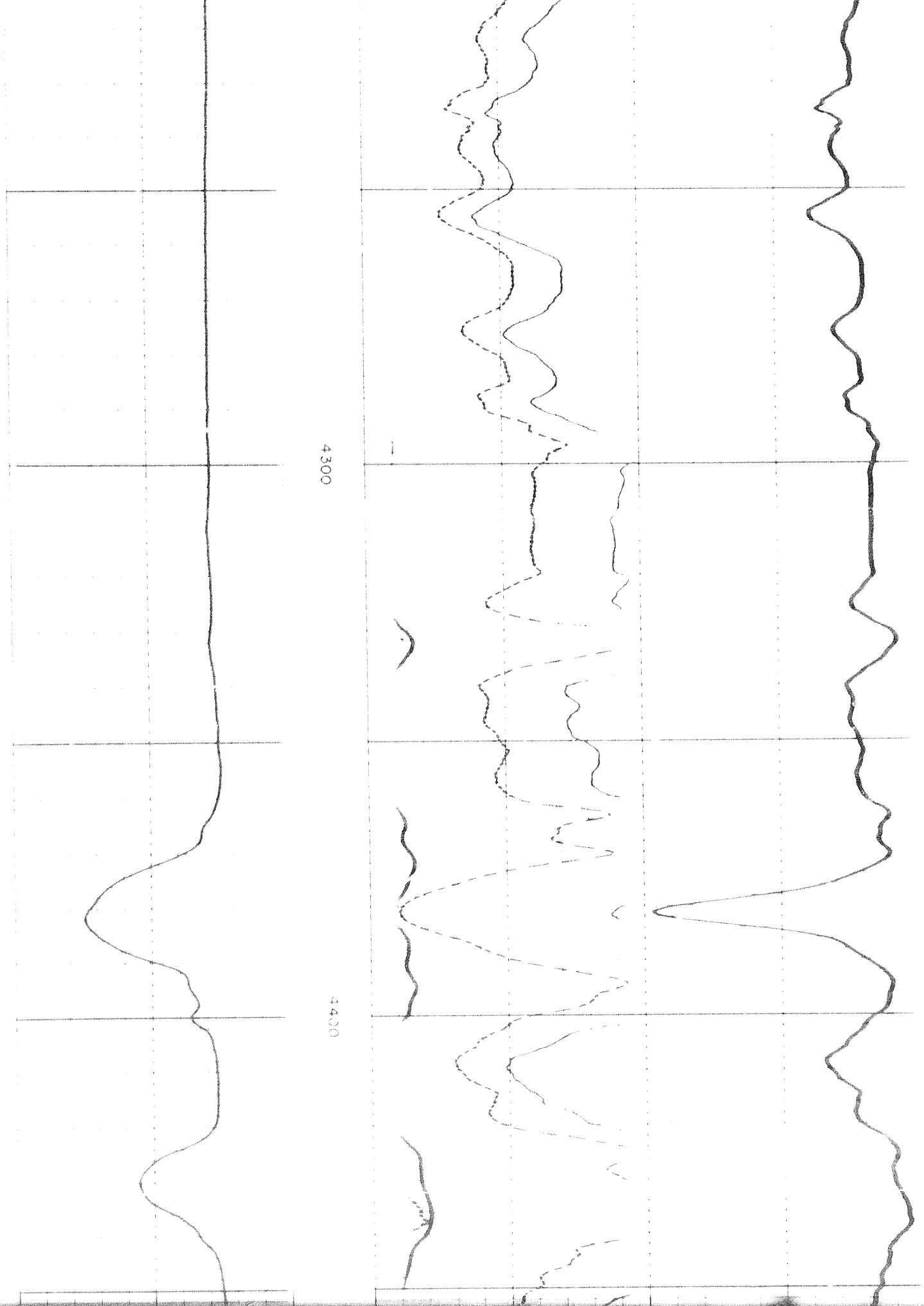


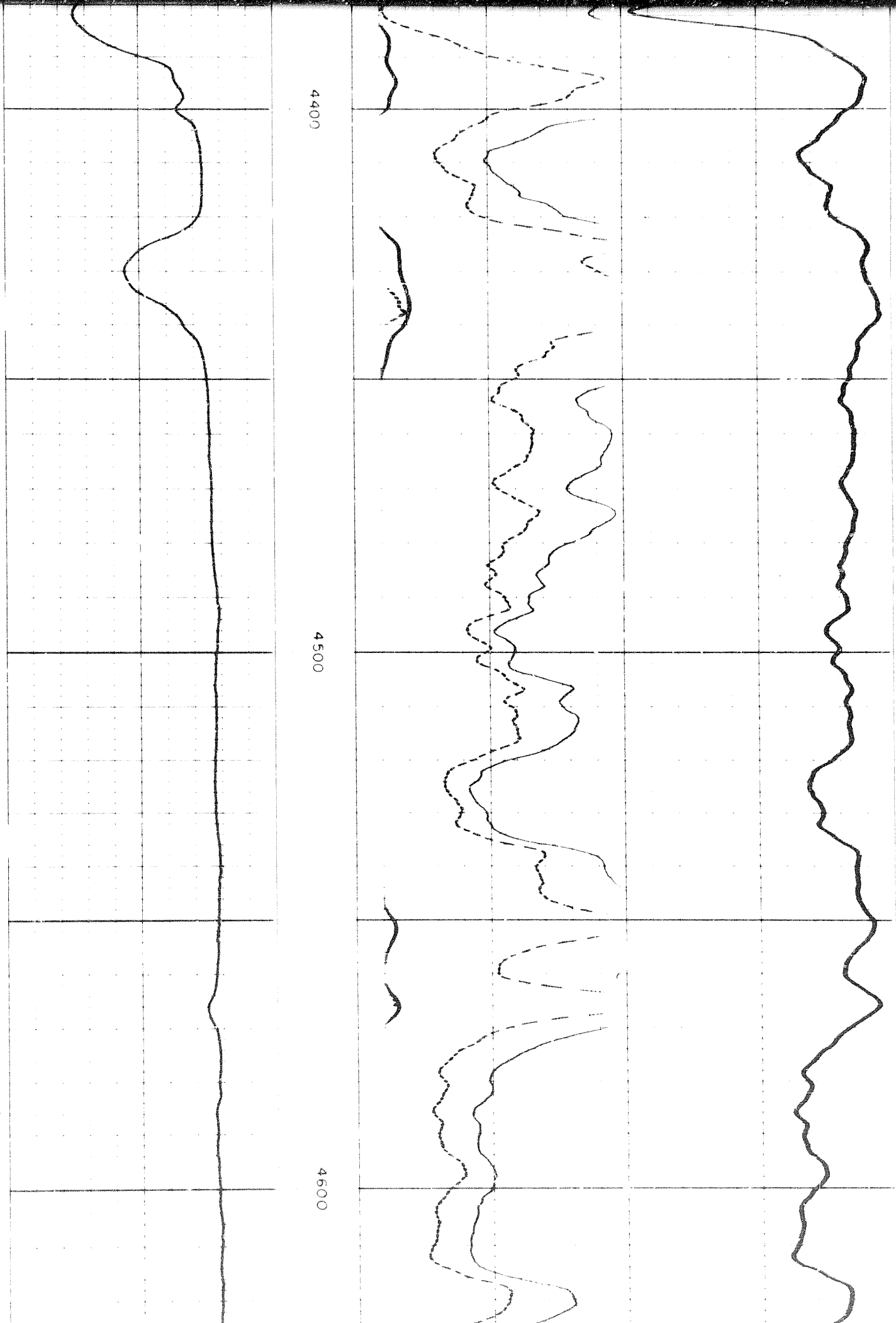


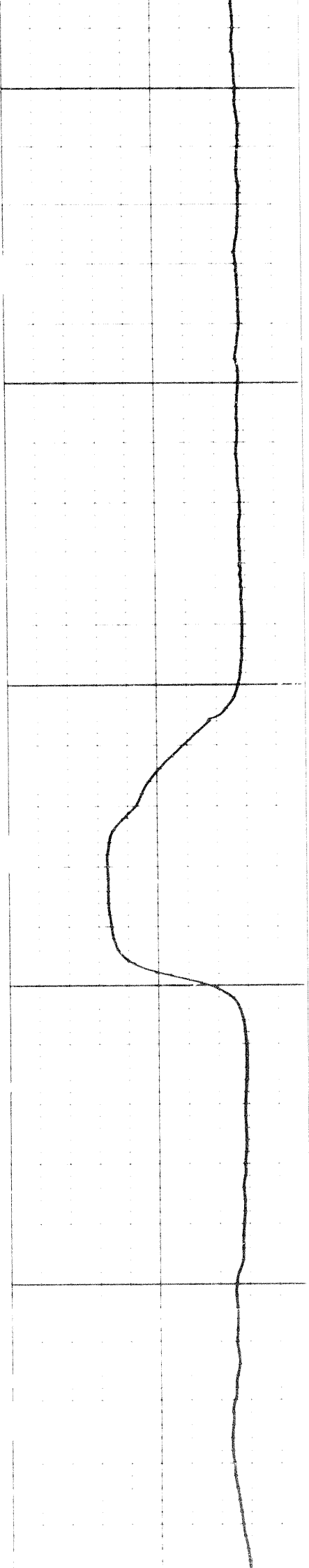
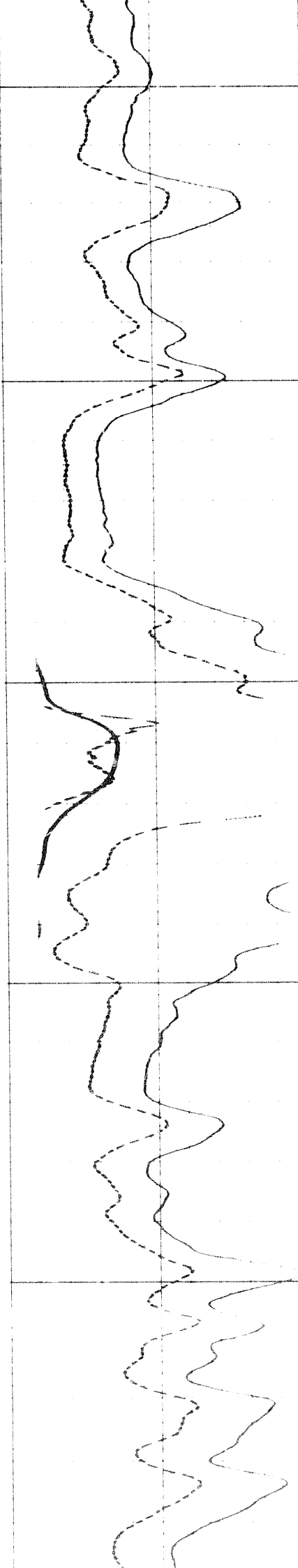
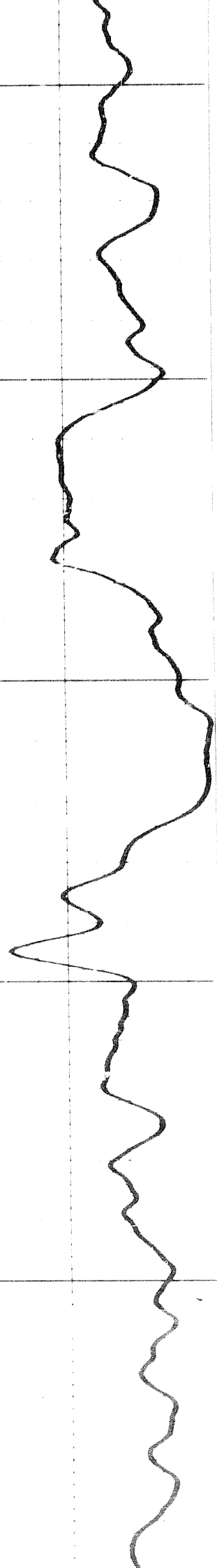
4100

4200

1384



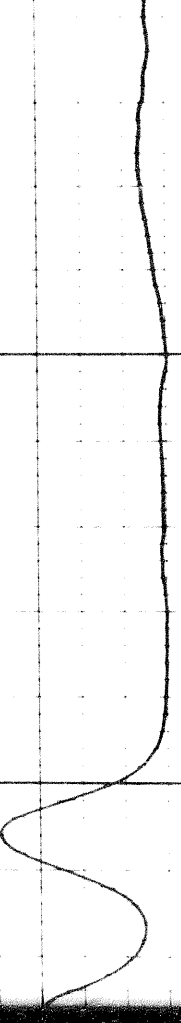
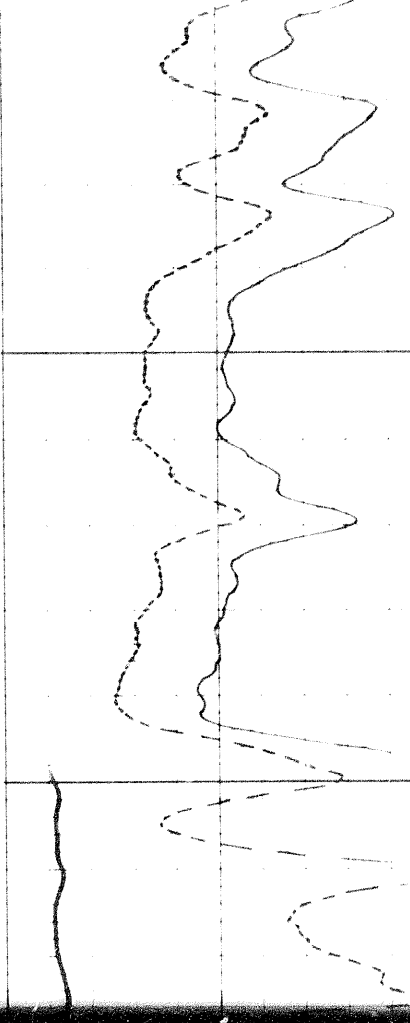




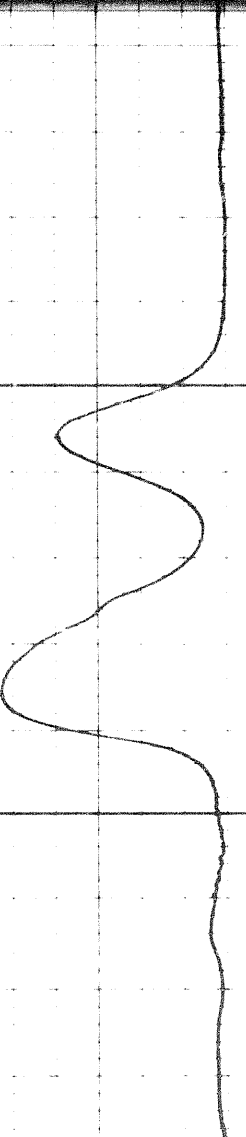
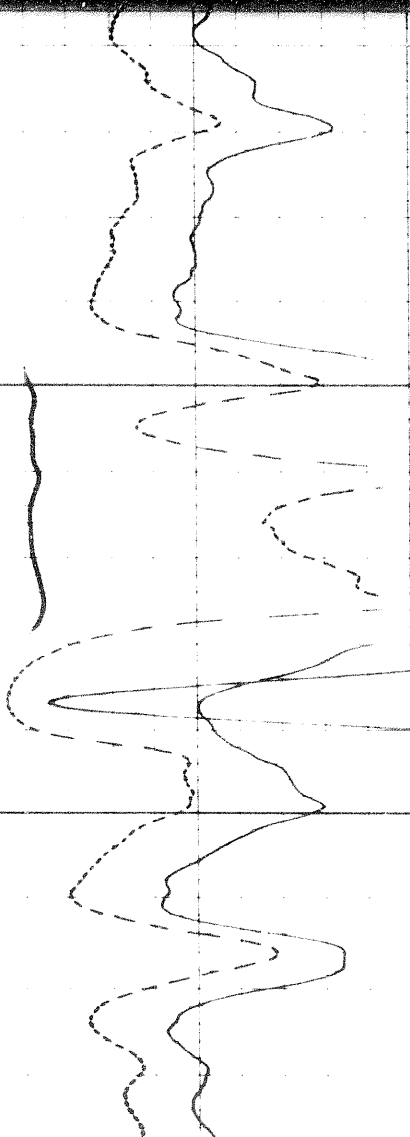
4600

4700

4800



4900



4900

Run 1



Run 2



5000

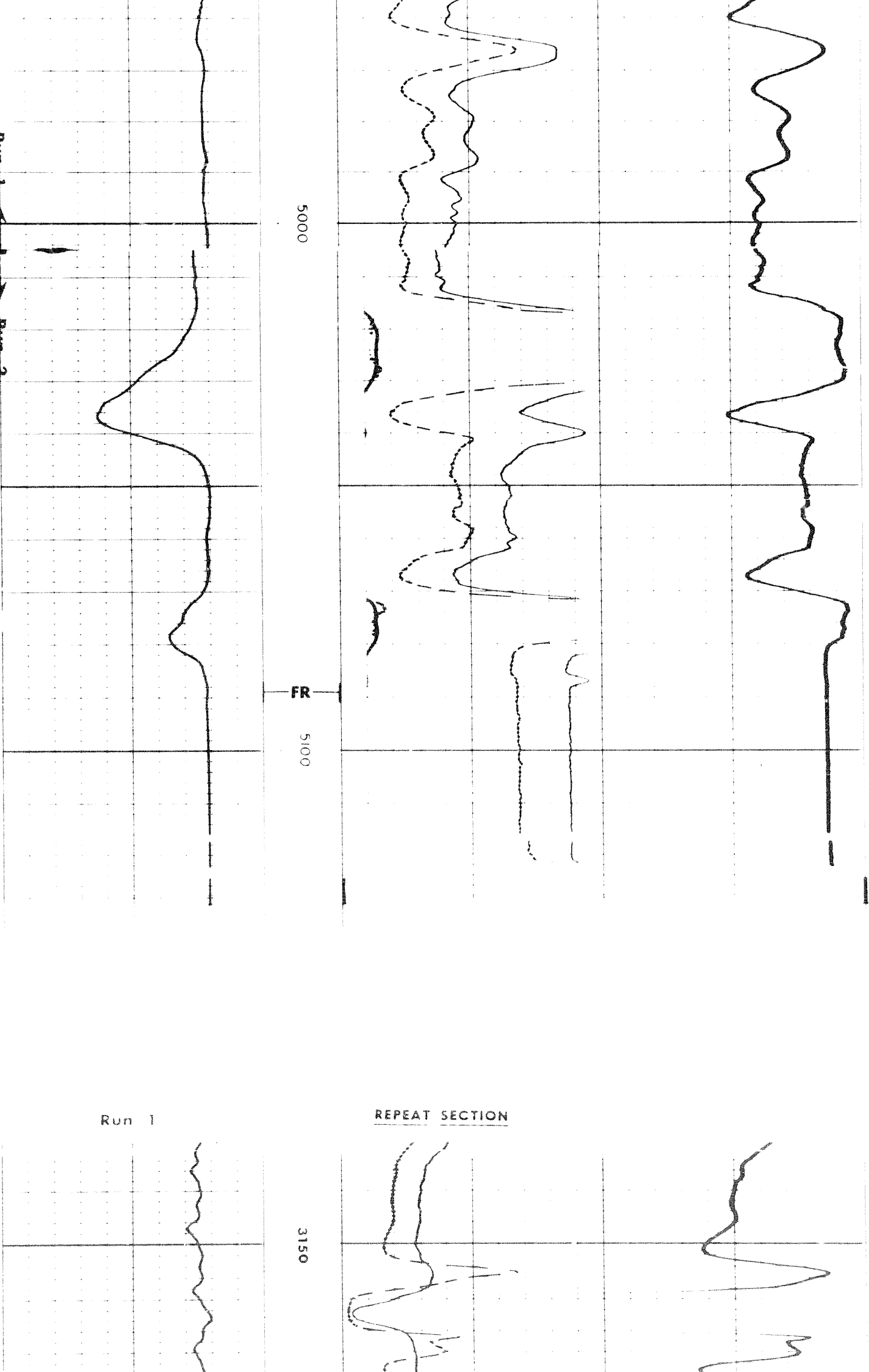
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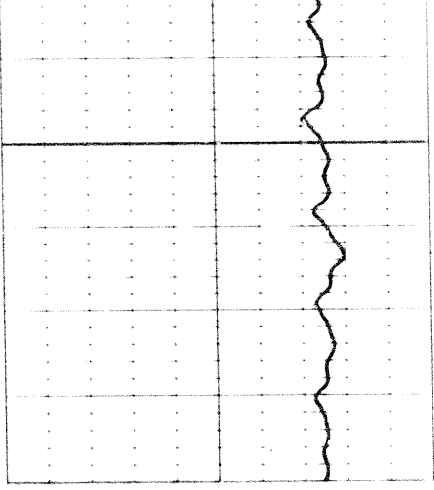
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Run 1

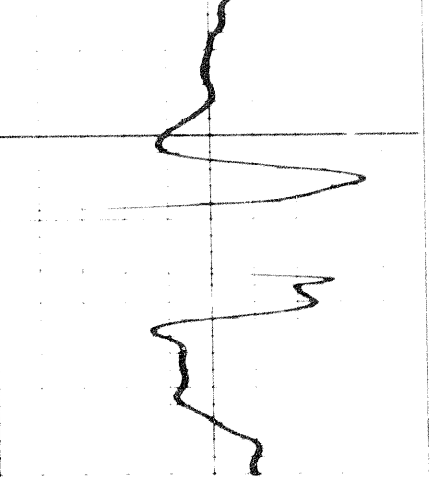
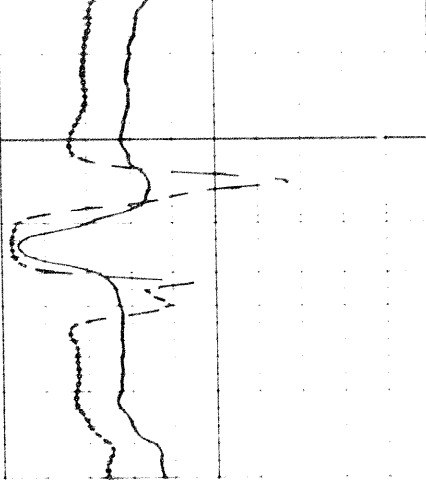
REPEAT SECTION

3150

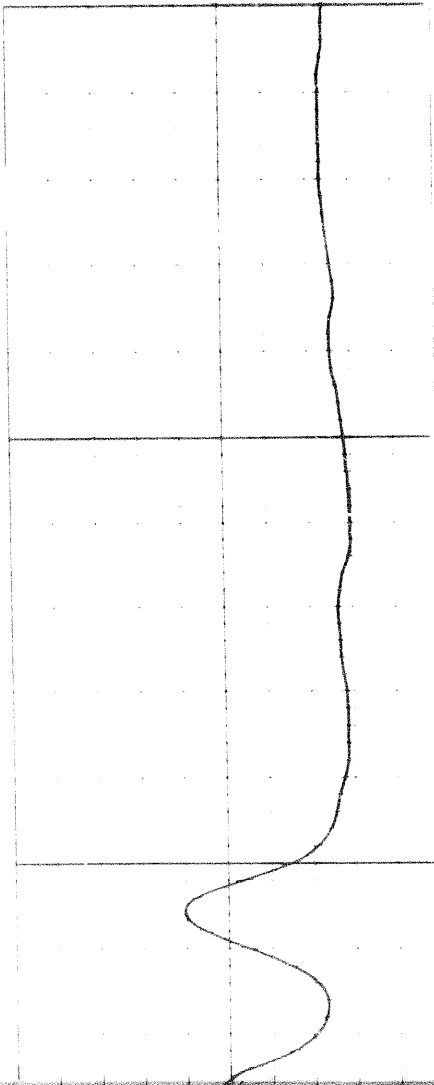




3150

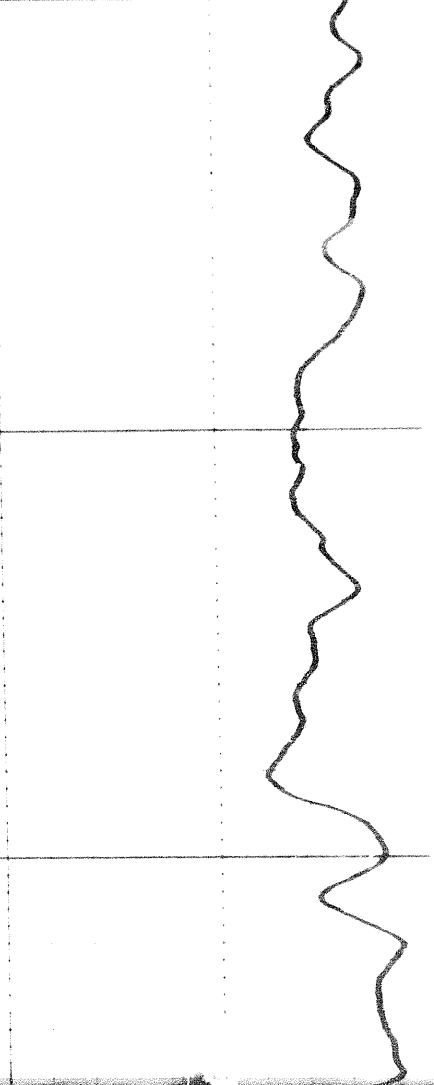
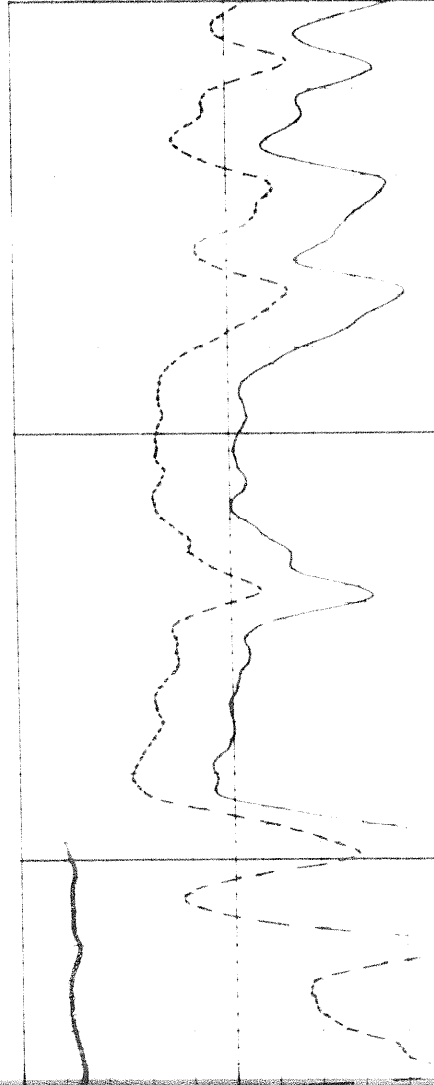


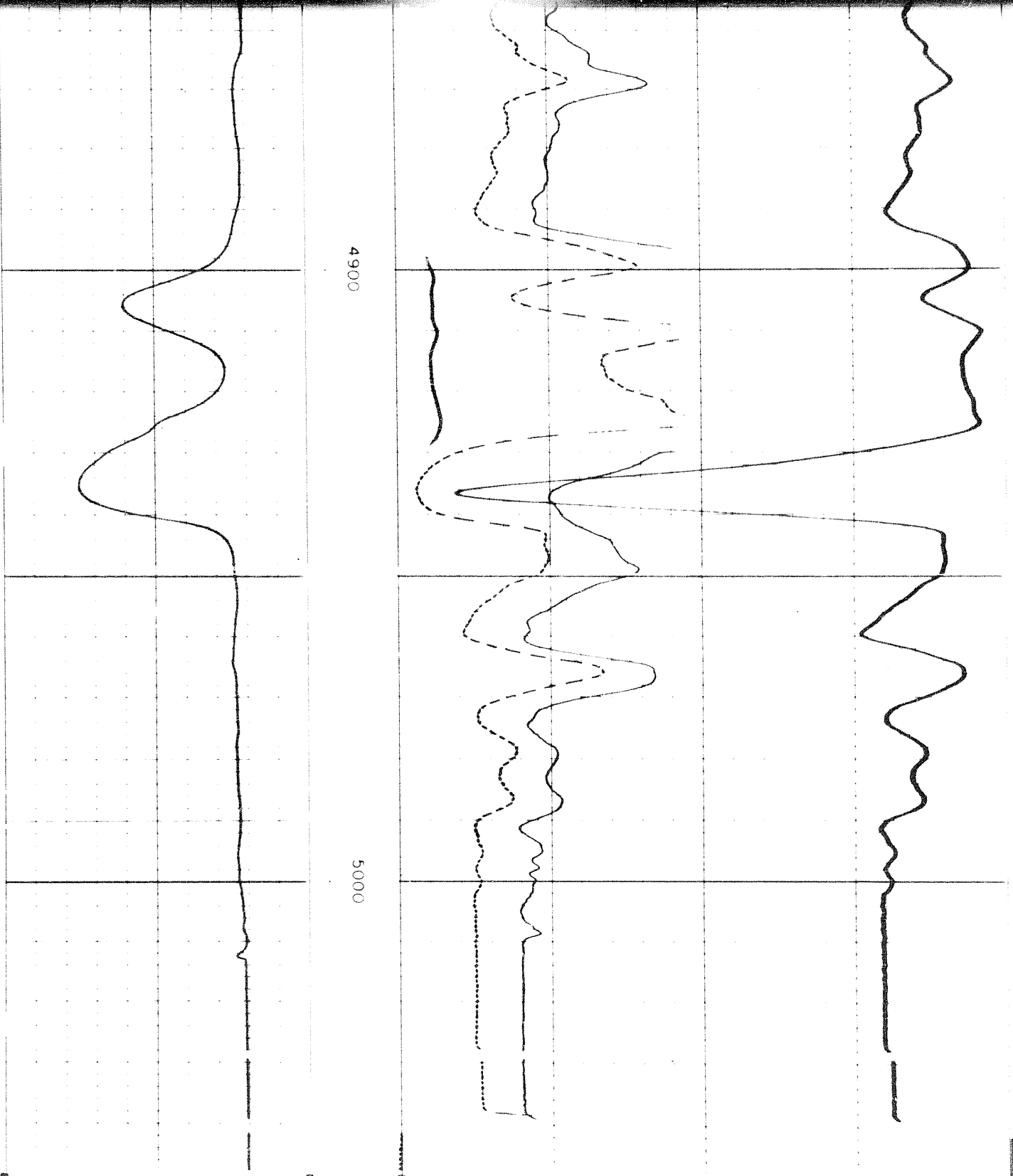
REPEAT SECTION



00

4900





4900

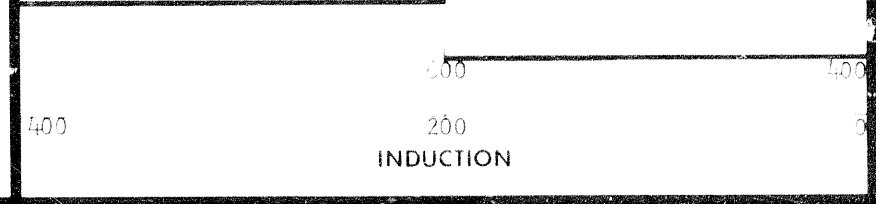
5000

INDUCTION

16' NORMAL

RESISTIVITY
ohms m m

0	500
INDUCTION	50
0	500
16" NORMAL	50
RESISTIVITY	
ohms m /m	



Speed in FPM

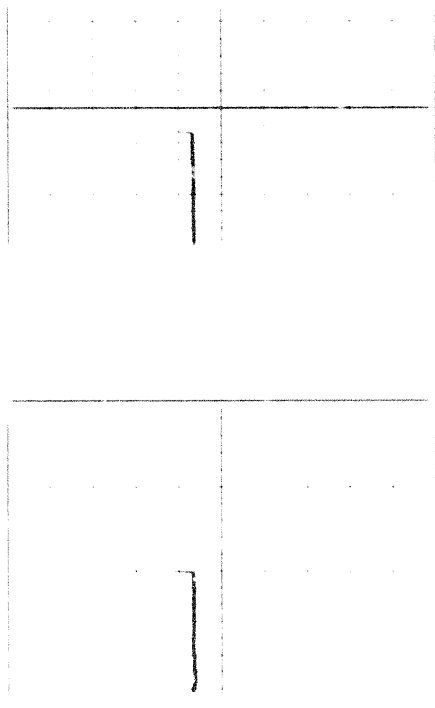
20

SPONTANEOUS POTENTIAL
millivolts

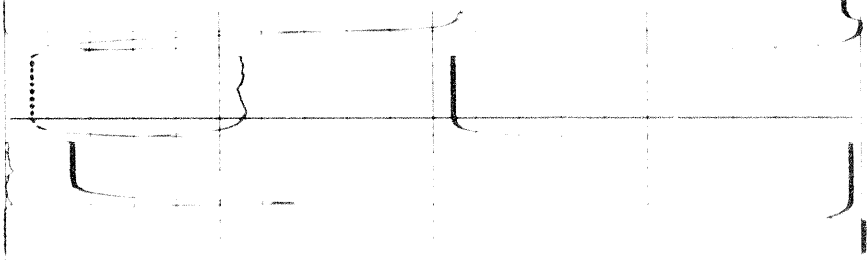
DEPTHS

CONDUCTIVITY
millimhos/m = $\frac{1000}{\text{ohms m/m}}$

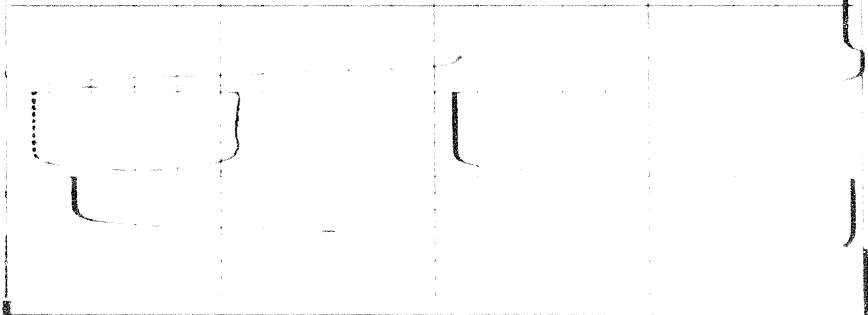
Run 1



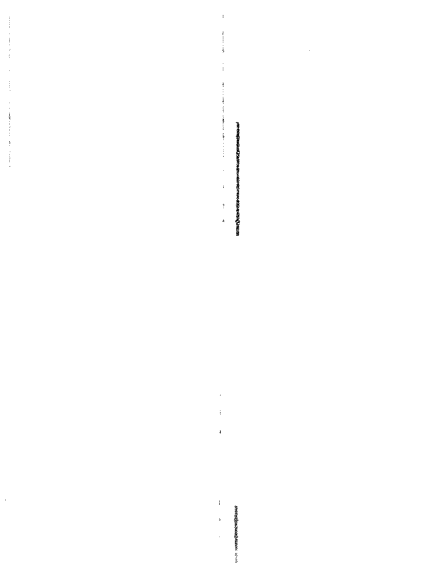
Calibration after Survey



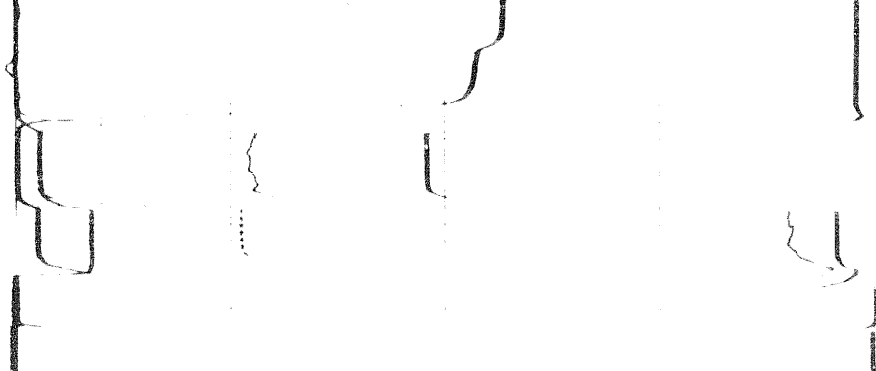
Calibration before Survey



Run 2



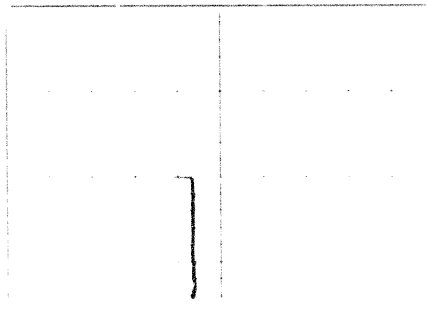
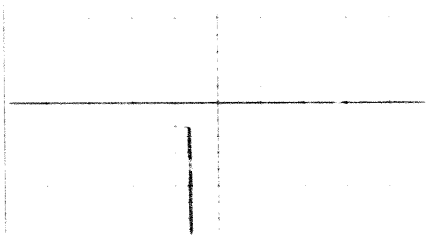
Calibration after Survey



Calibration before Survey

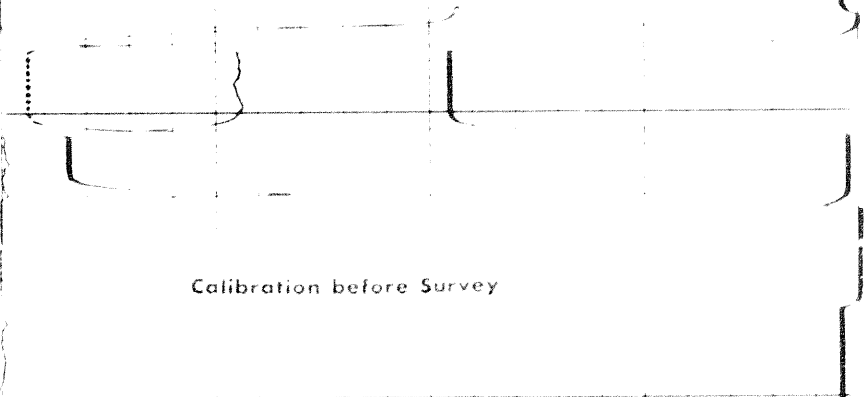


200

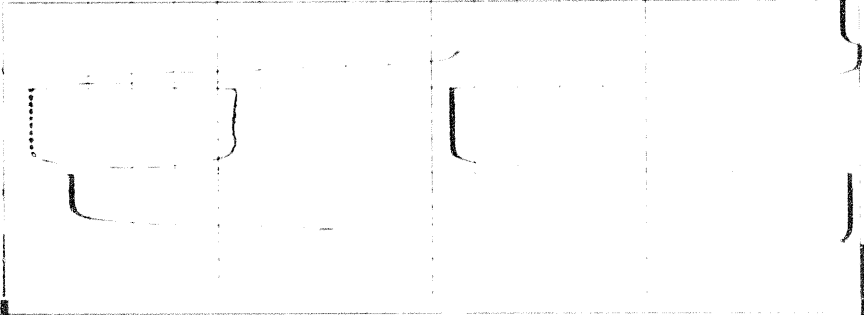


Run 2

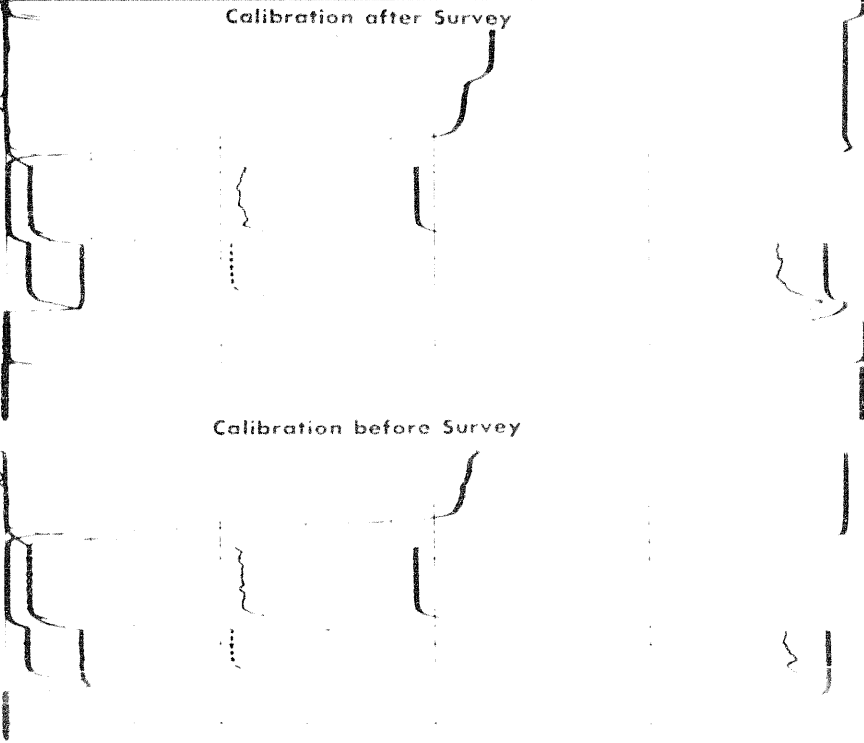
104



Calibration before Survey



Calibration after Survey



Calibration before Survey

COMPANY

WELL

FIELD

SHELL FIELD

FIELD NO.

PROVINCE



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