

SCHLUMBERGER

GAMMA RAY - NEUTRON LOG

SCHLUMBERGER OF CANADA Calgary Alberta

PROVINCE YUKON TERRITORIES
 FIELD WILDCAT (EAGLE PLAIN AREA)
 WELL SOCONY MOBIL WESTERN MINERALS S. TUTTLE YT N-5
 COMPANY SOCONY MOBIL OIL OF CANADA LIMITED

| | |
|---------------------|----------------|
| Date | 1 JULY 65 |
| Run No | ONE |
| First Reading | 11513 |
| Last Reading | 50 |
| Feet Measured | 11463 |
| Depth Reached | 11514 |
| Bottom Driller | 11527 |
| Mud Nature | GEL-GLEM |
| Dens. Visc | 9.5 |
| Mud pH | 10.5 |
| Water Loss | 6.4 |
| Res. at BHT | 1.25 @ 60 |
| Rmf | 0.93 @ 60 |
| Rmc | 1.56 @ 60 |
| Bit Size | 8 5/8" to 1000 |
| Csg Size - Inches | to |
| Csg Weight - Pounds | to |
| Source to Detector | 19.5 inches |
| Op Rig Time | 14 HOURS |
| Truck No | DSU-B-3 |
| Recorded By | ARMERIJTER |
| Witness | BAIN |

| | |
|-------------------|---|
| COMPANY | SOCONY MOBIL OIL OF CANADA LIMITED |
| WELL | SOCONY MOBIL WESTERN MINERALS S. TUTTLE YT N-5 |
| FIELD | WILDCAT (EAGLE PLAINS AREA) |
| PROVINCE | YUKON TERRITORIES |
| LOCATION | 66°24'51.2"N 136°06'12.7"W |
| Permeant Datum | GL Elev 1642 |
| Log Measured From | KB 13.75 Ft Above Perm. Datum |
| Other Services | ELEV KB 1655.75 DIL. ESTOR-1 ML-C. ESTOR-1 CBF |

AV/20/7/65/D

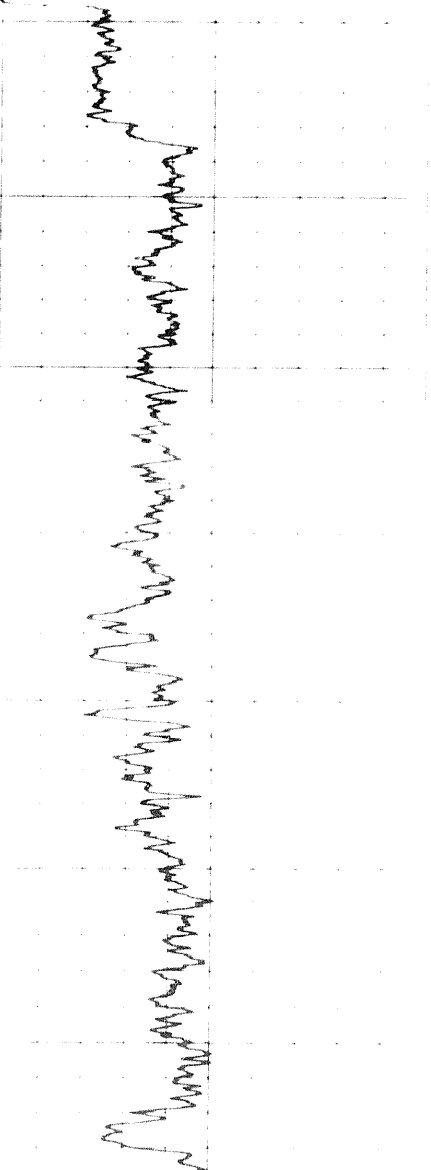
REMARKS
 Drilling Stopped
 Circulation Stopped
 Tool on Bottom
 Ist Run Service Order #: 26974
 BHT 204 of
 Panel No
 Cartridge No H
 Neutron Detector No NLD-D-L3
 Gamma Ray Detector No
 Equipment Designation GNT
 RW (DST#1) - 0.190 @ 60"

| CALIBRATION | | Background CPS | Test Source CPS | | Galv Deflection Divisions | | Panel Sens. Tap for Cal. |
|-------------|---------------|----------------|-----------------|-----|---------------------------|-----|--------------------------|
| Gamma Ray | Before Survey | 50 | Near | 400 | 8.25 | 500 | |
| | After | 55 | Far | 410 | 8.30 | 500 | |
| Neutron | Before Survey | 2 | Near | 435 | 15.7 | 500 | |
| | After | 2 | Far | 525 | 16.1 | 500 | |

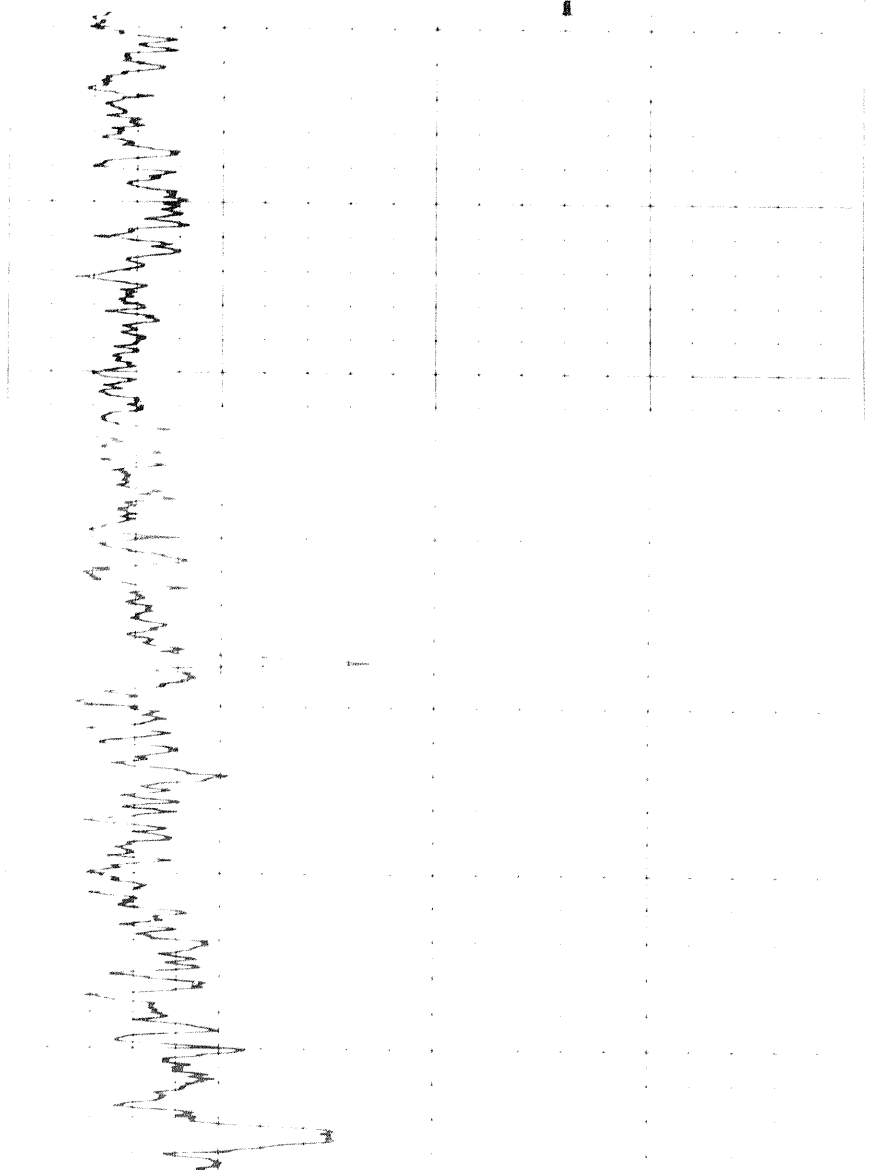
| GAMMA RAY API UNITS | DEPTHS | NEUTRON API UNITS |
|---------------------|--------|-------------------|
| 300 | 100 | 150 |
| 200 | 200 | 200 |
| 100 | 300 | 300 |
| 100 | 400 | 400 |
| 100 | 500 | 500 |
| 100 | 600 | 600 |
| 100 | 700 | 700 |
| 100 | 800 | 800 |
| 100 | 900 | 900 |
| 100 | 1000 | 1000 |

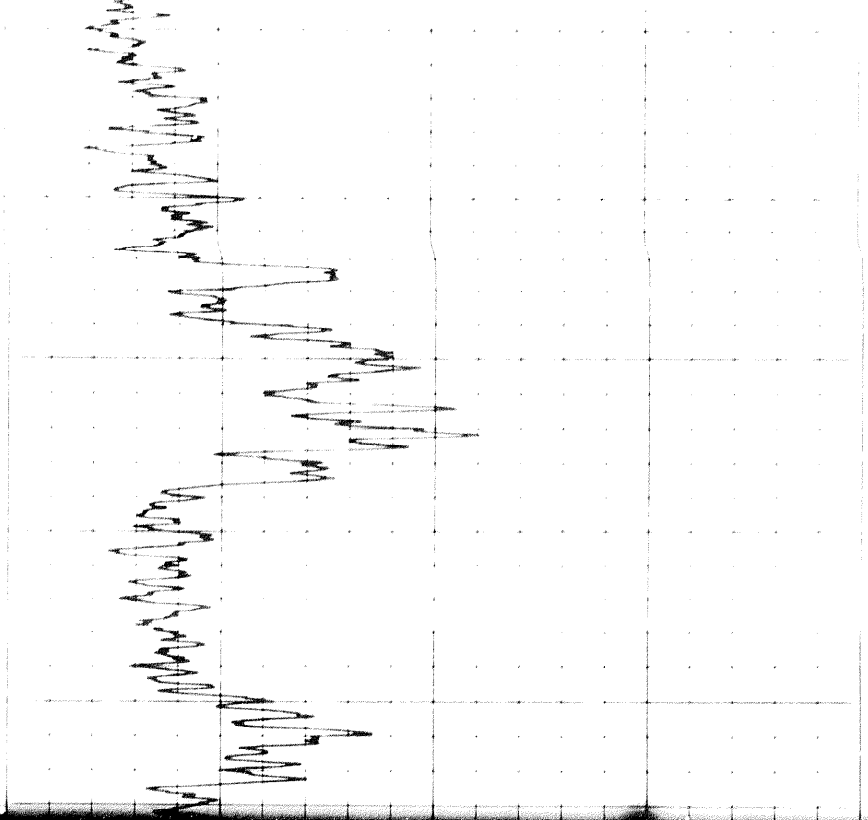
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|---------------|-----|----|------|
| Interval | 50 | to | 1150 |
| Sensitivity | 300 | | 2 |
| Logging Speed | 20 | | |
| ZERO | 0 | | |
| | 120 | | 240 |
| Interval | | to | |
| Sensitivity | | | |
| Logging Speed | | | |
| ZERO | | | |
| Interval | | to | |
| Sensitivity | | | |
| Logging Speed | | | |
| ZERO | | | |
| Interval | | to | |
| Sensitivity | | | |
| Logging Speed | | | |
| ZERO | | | |

| | | | |
|---------------|------|----|------|
| Interval | 50 | to | 900 |
| Sensitivity | 150 | | 2 |
| Logging Speed | 20 | | |
| ZERO | 7 | | |
| | 765 | | 1215 |
| Interval | 900 | to | 1970 |
| Sensitivity | 200 | | 2 |
| Logging Speed | 20 | | |
| ZERO | 7 | | |
| | 1020 | | 1620 |
| Interval | 1970 | to | 1750 |
| Sensitivity | 200 | | 2 |
| Logging Speed | 20 | | |
| ZERO | 5 | | |
| | 900 | | 1500 |
| Interval | 1750 | to | 700 |
| Sensitivity | 300 | | 2 |
| Logging Speed | 20 | | |
| ZERO | 10 | | |
| | 1800 | | 2700 |
| Interval | 1700 | to | 10 |
| Sensitivity | 400 | | 2 |
| Logging Speed | 20 | | |
| ZERO | 12 | | |
| | 2640 | | 3840 |

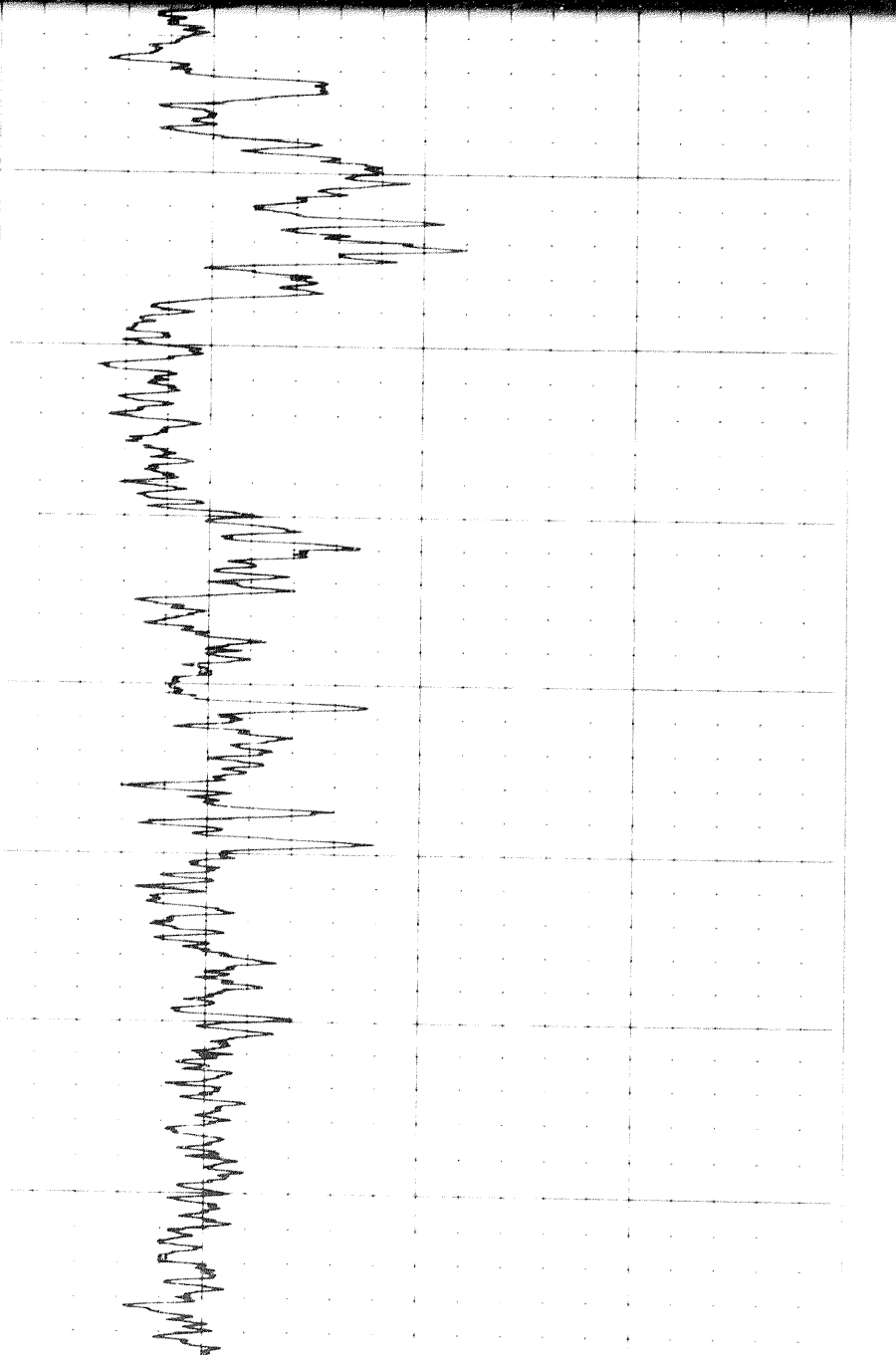
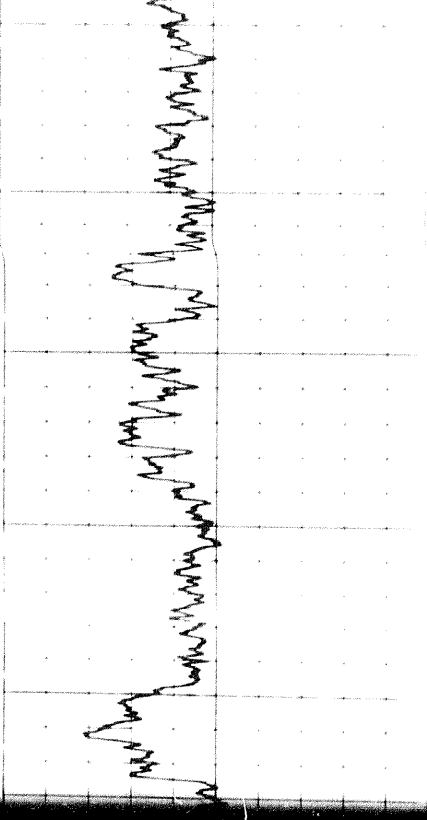


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0200
0300

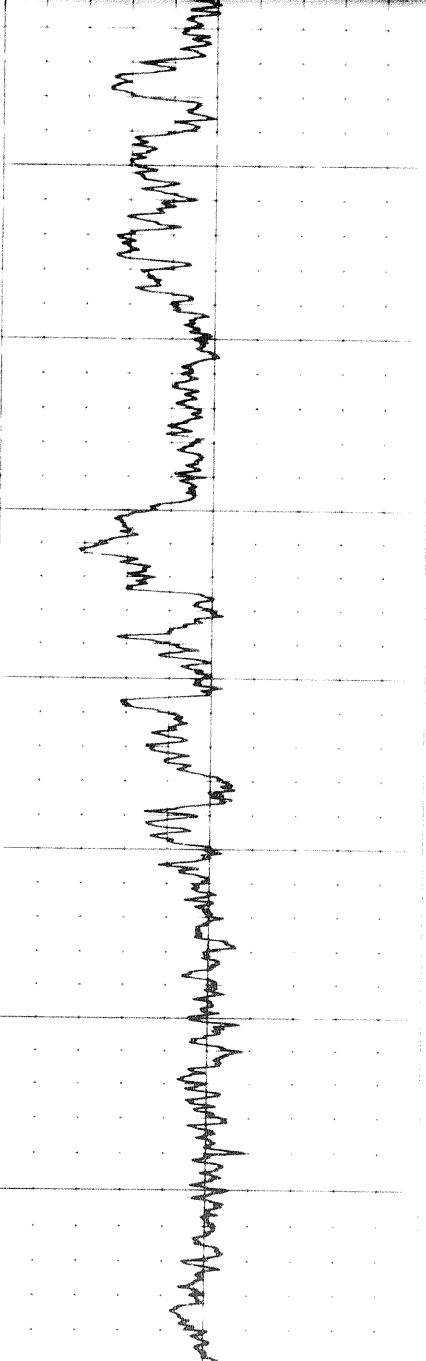




0300
0400
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0400
0500
0600
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1st

0700

0800

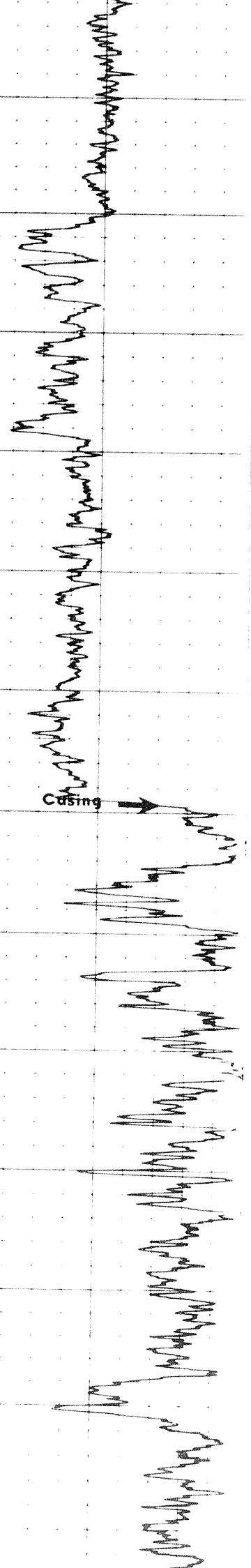
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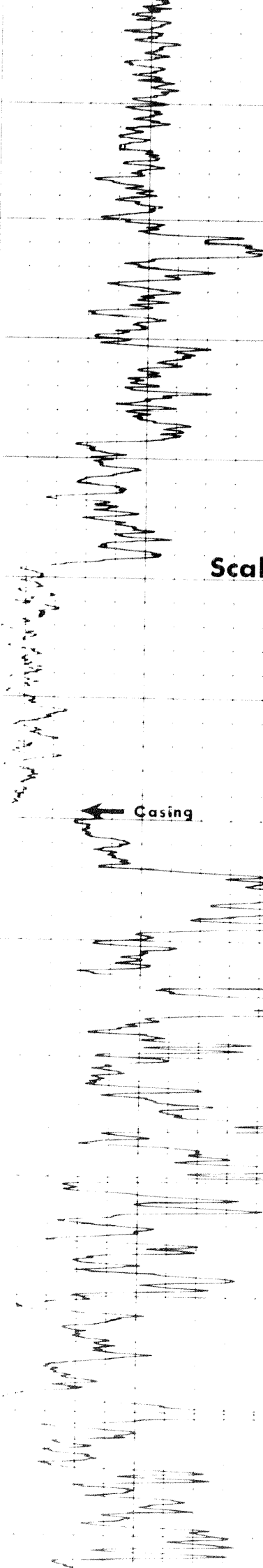
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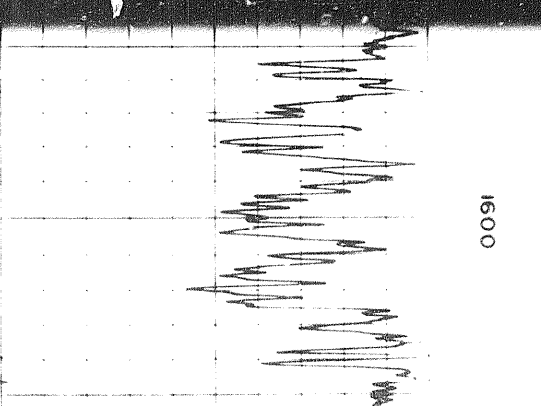
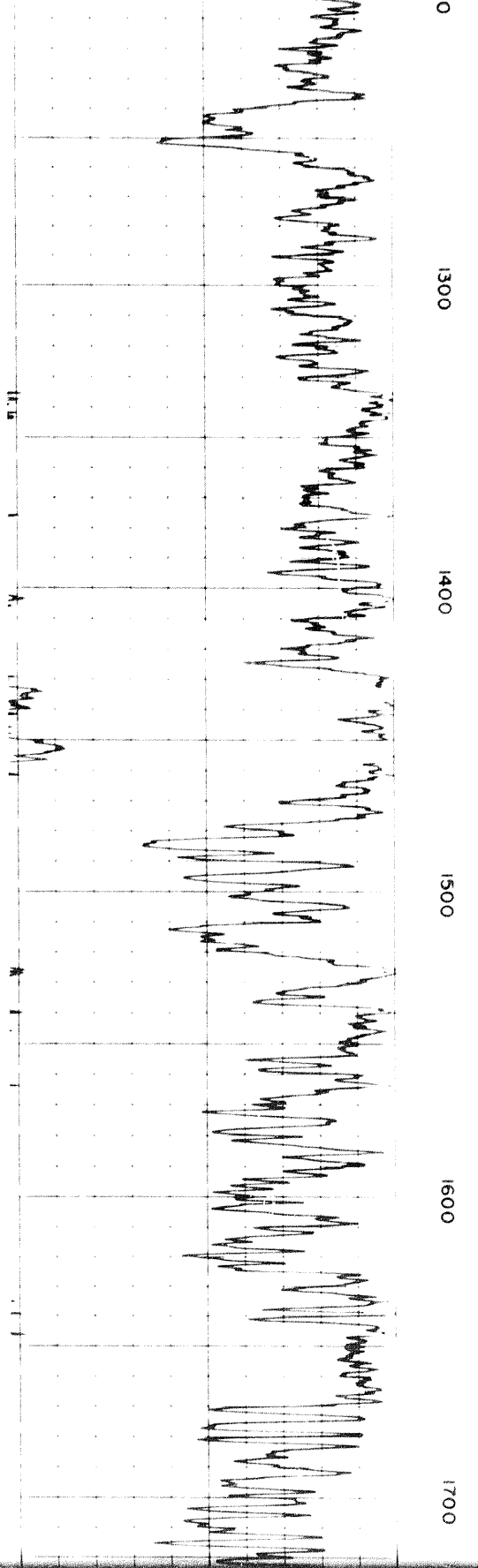
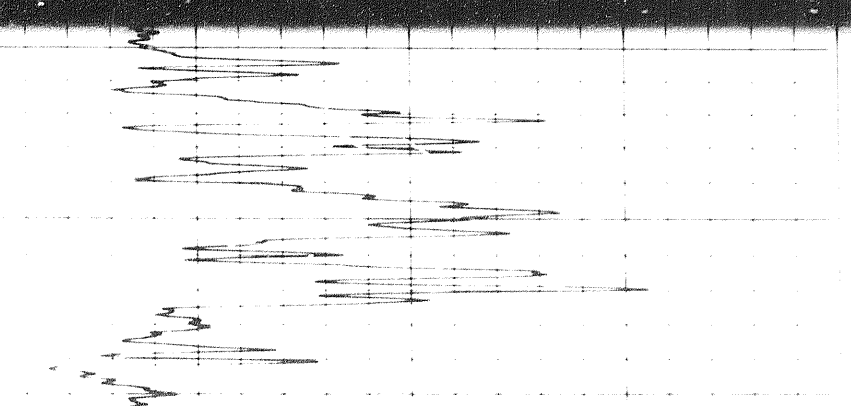
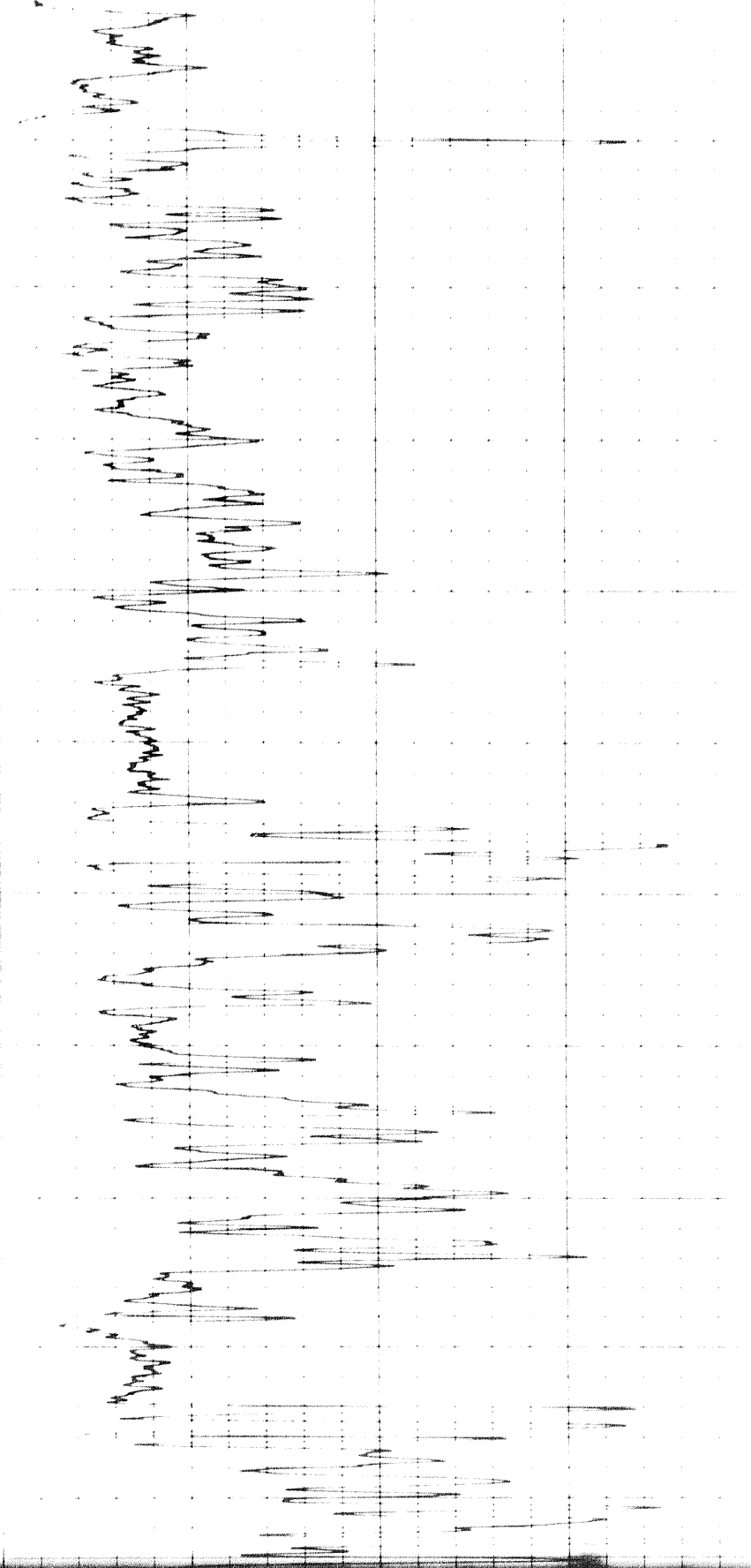


Casing →

Scale Change



Casing →



1600

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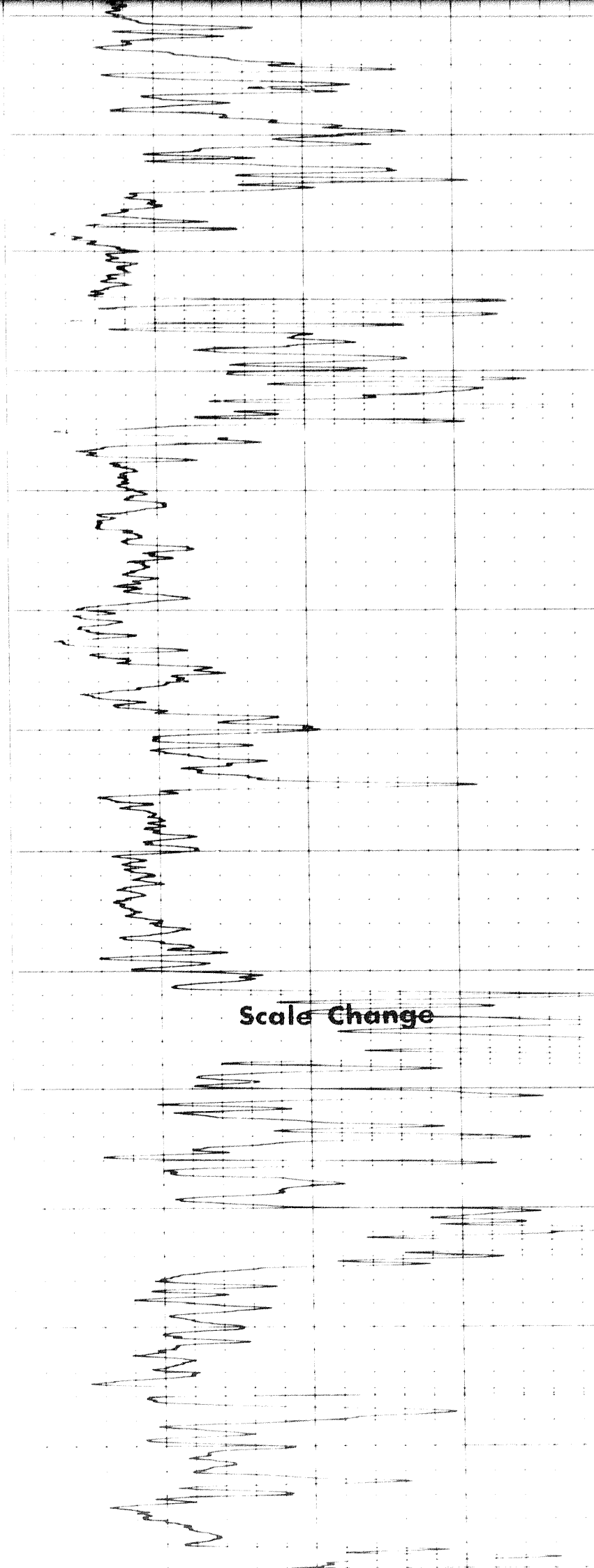
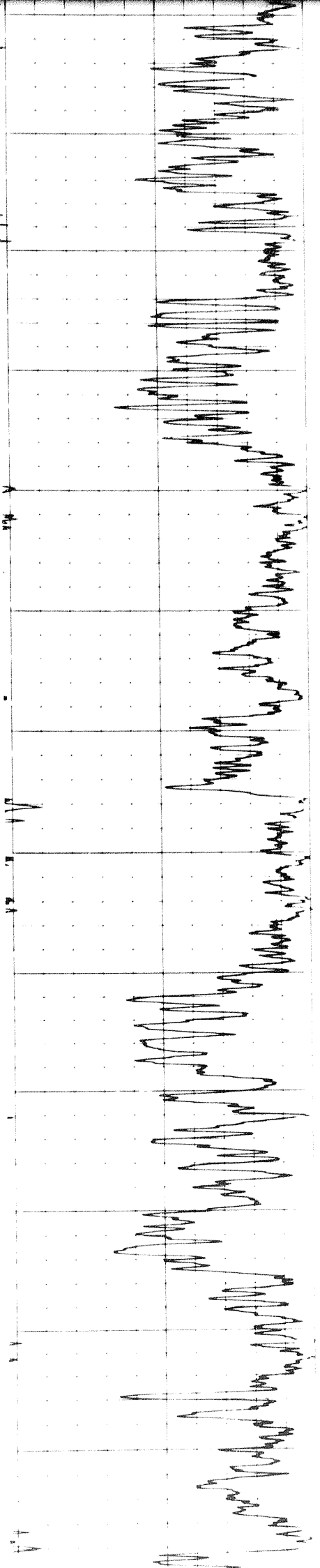
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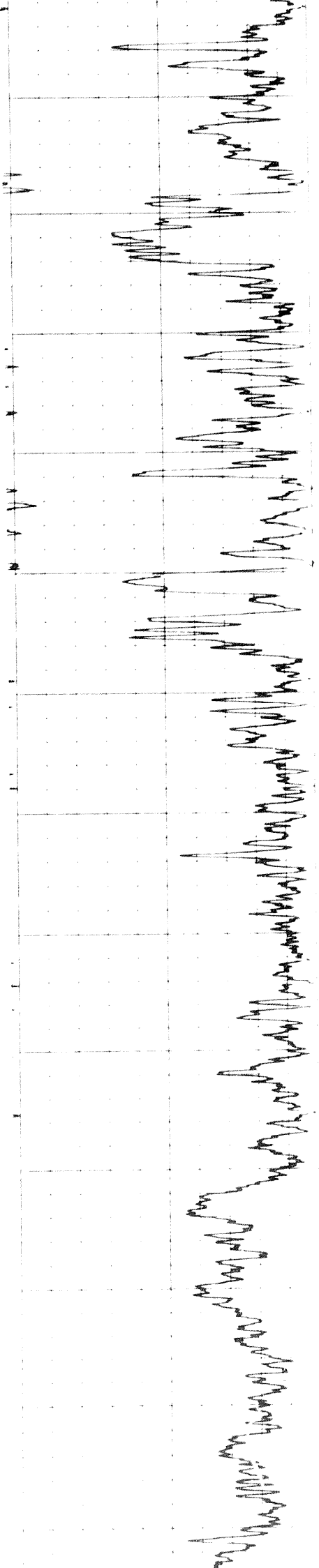
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Scale Change



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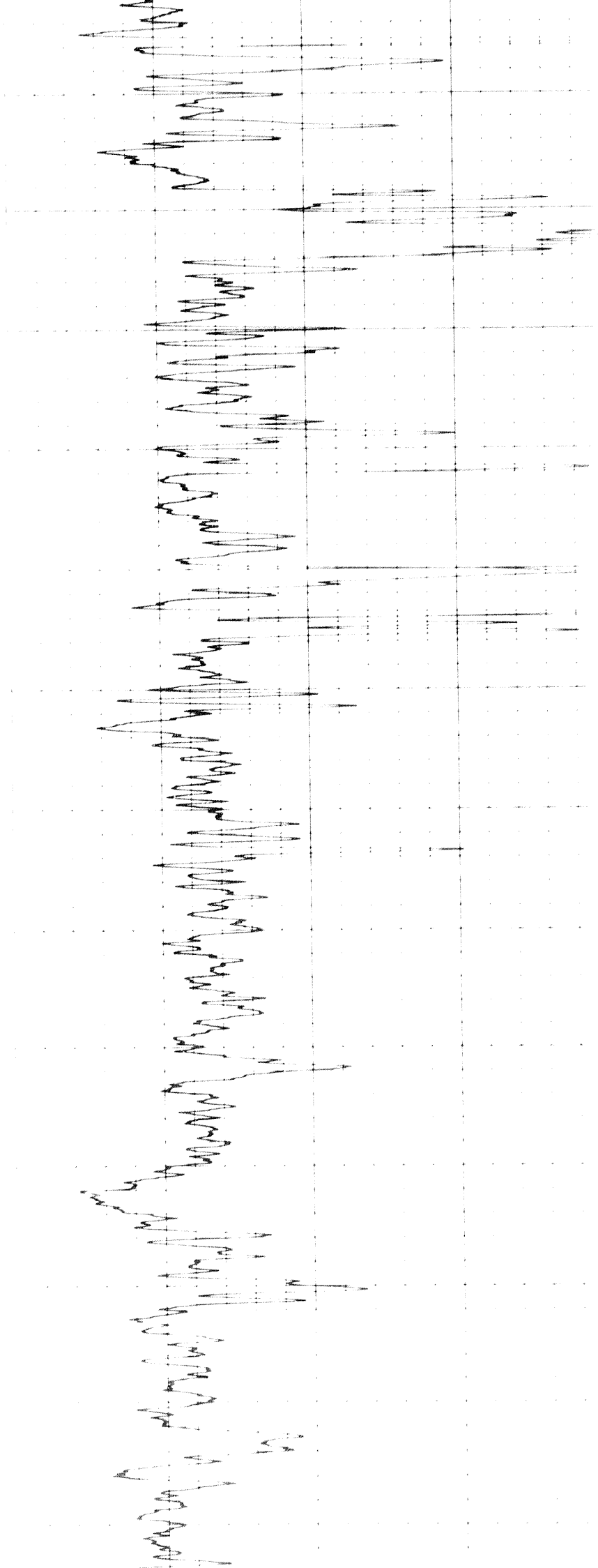
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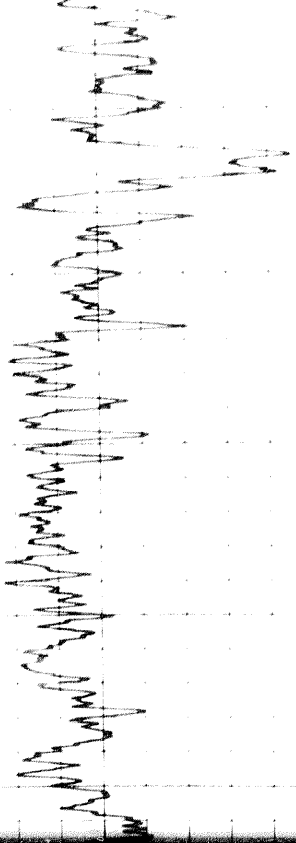
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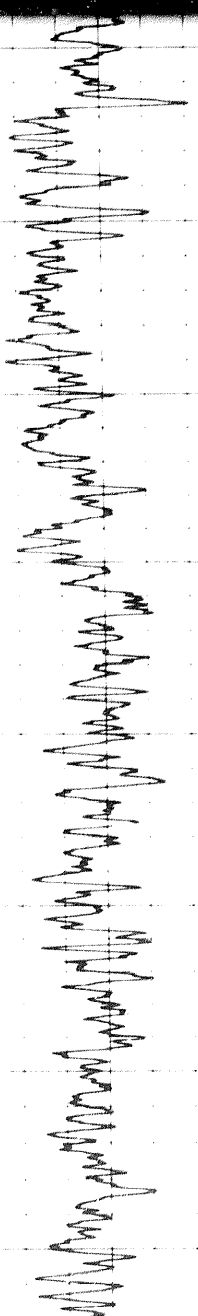
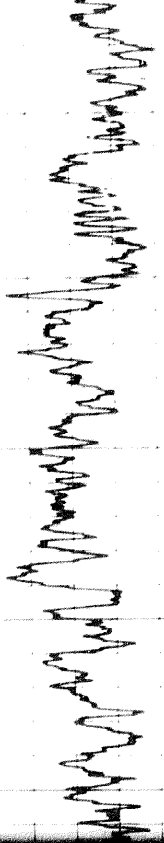




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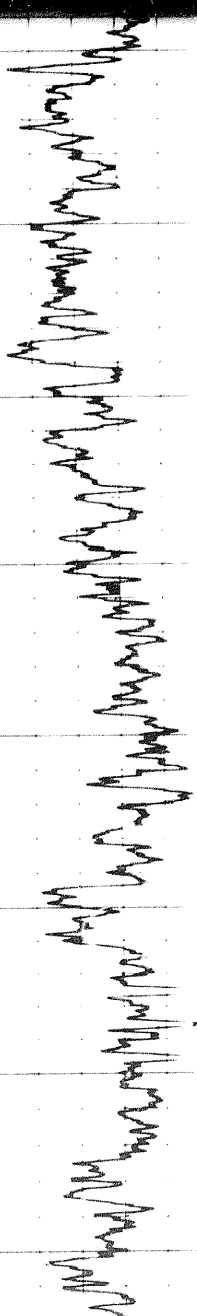


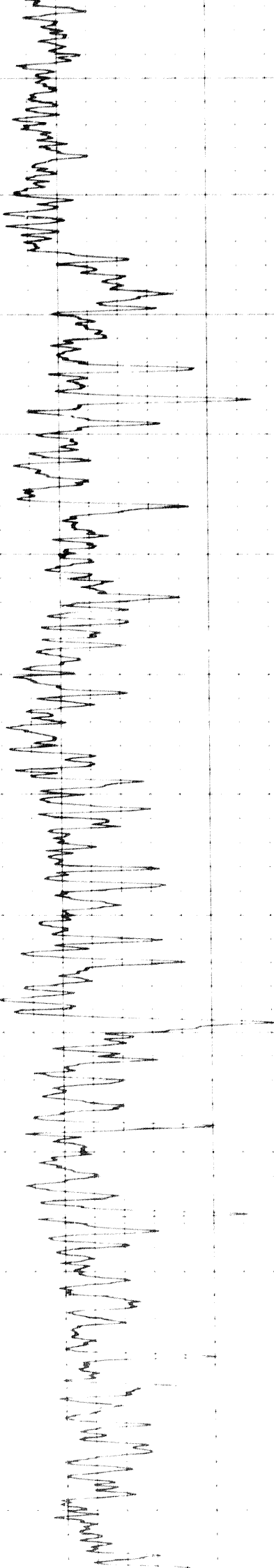
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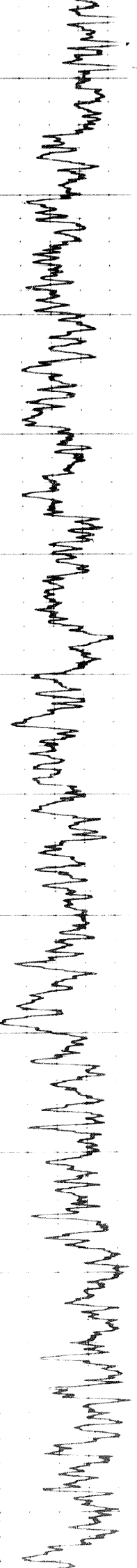
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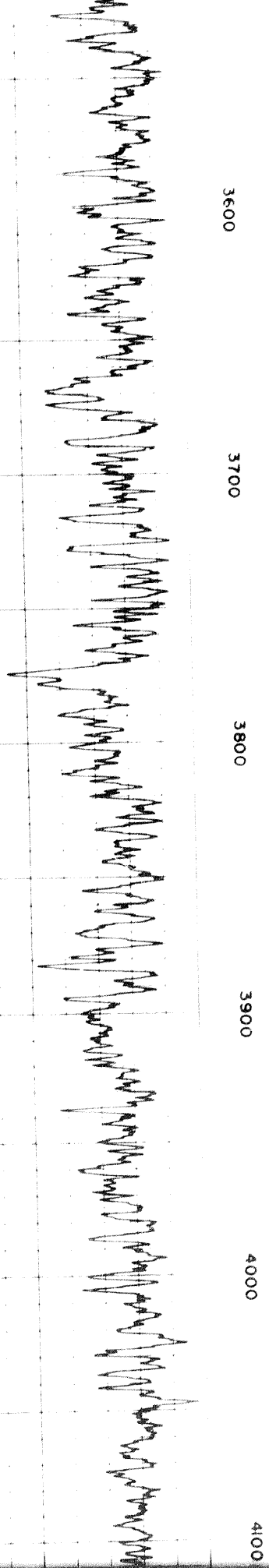
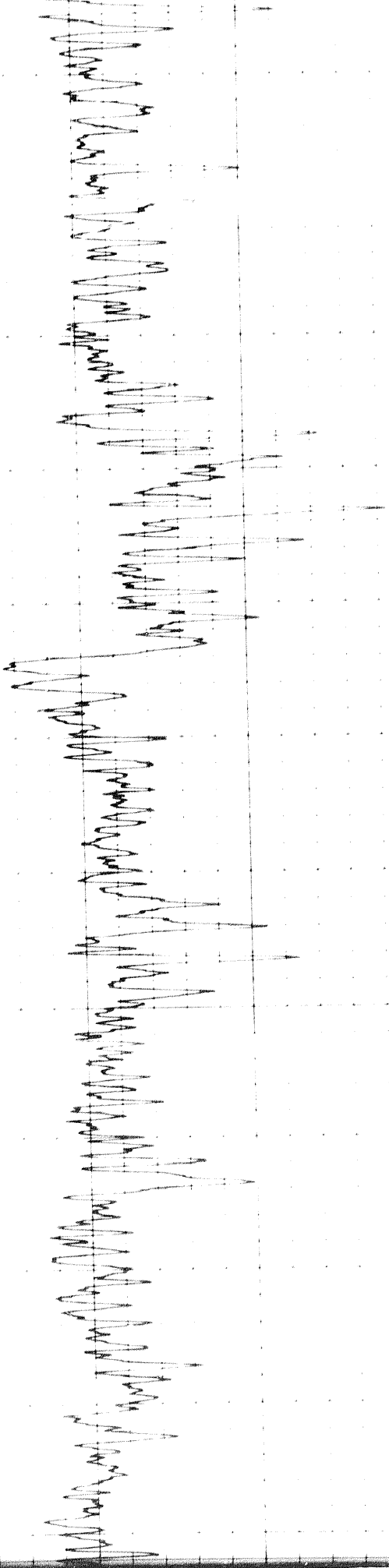
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Scale Change

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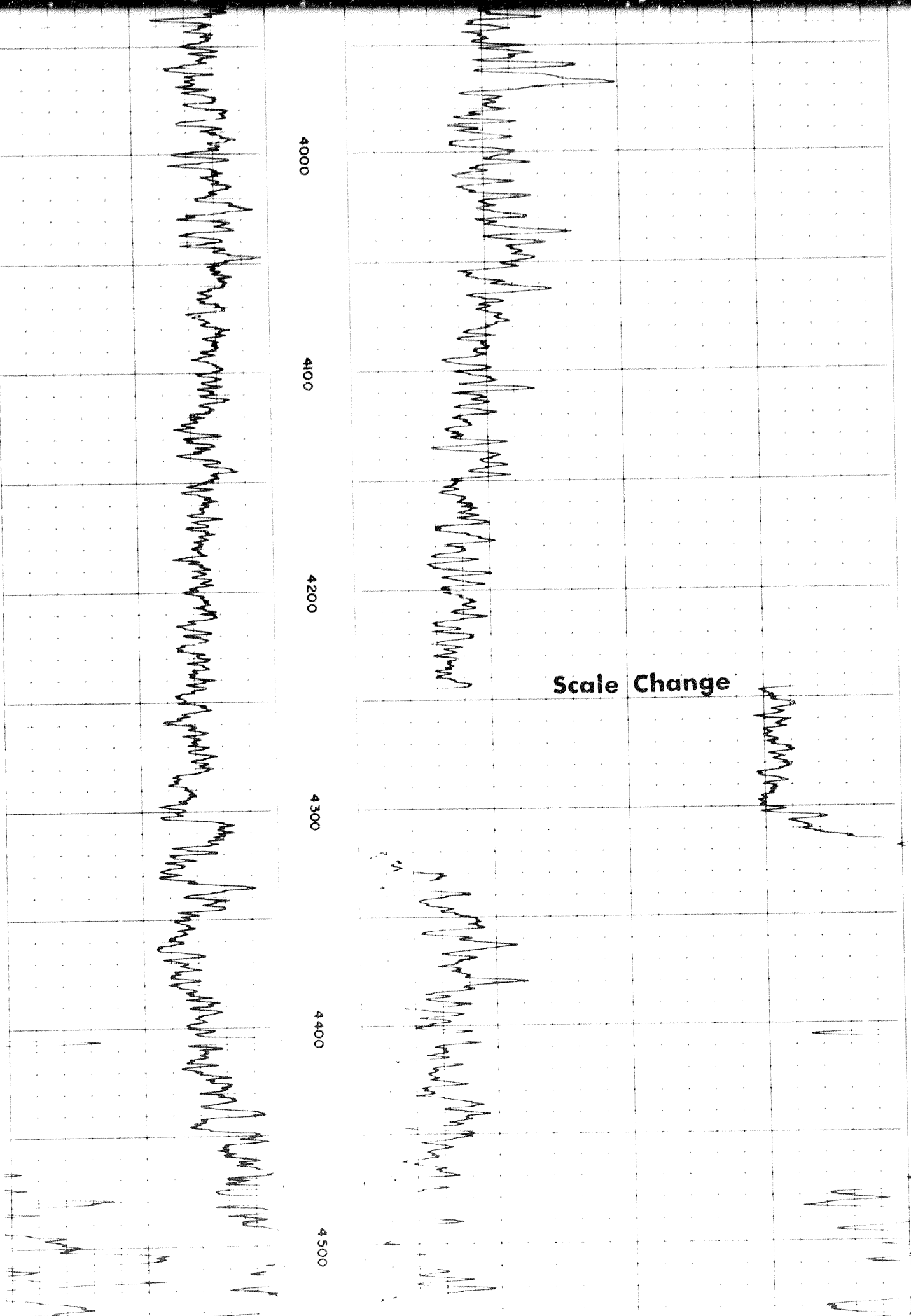
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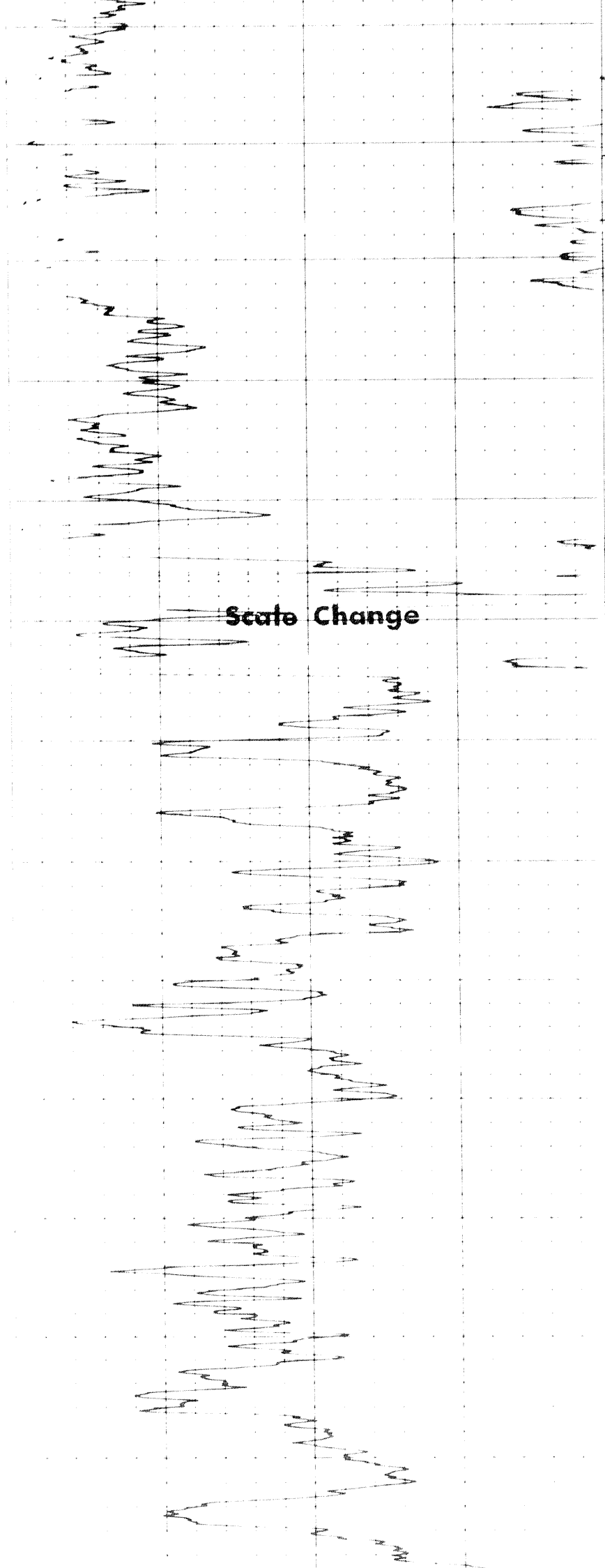
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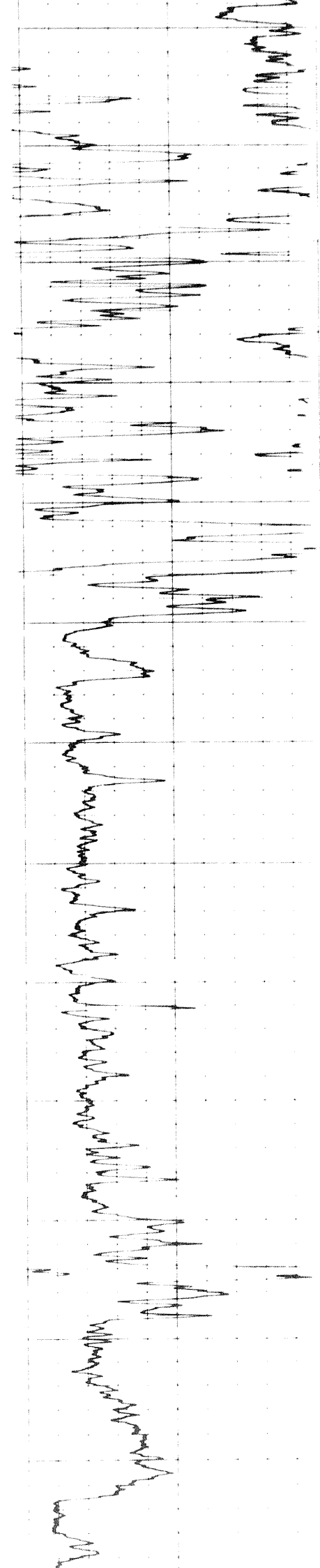
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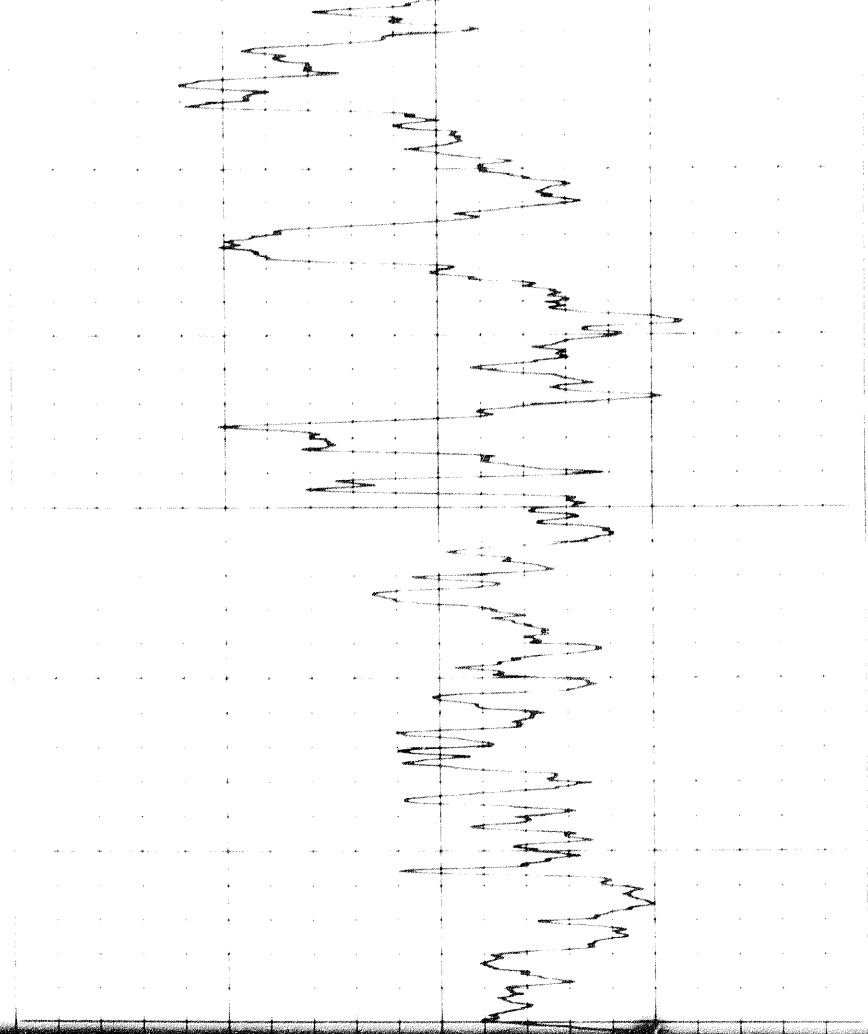


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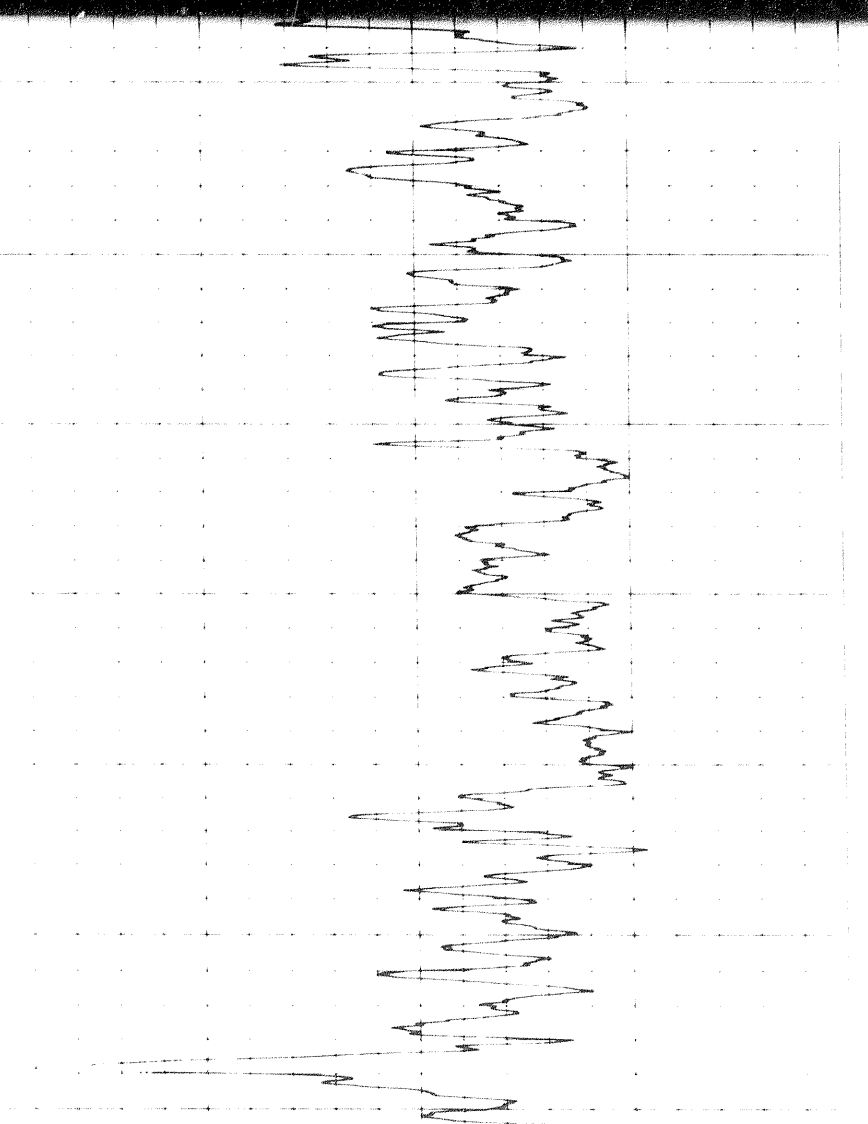


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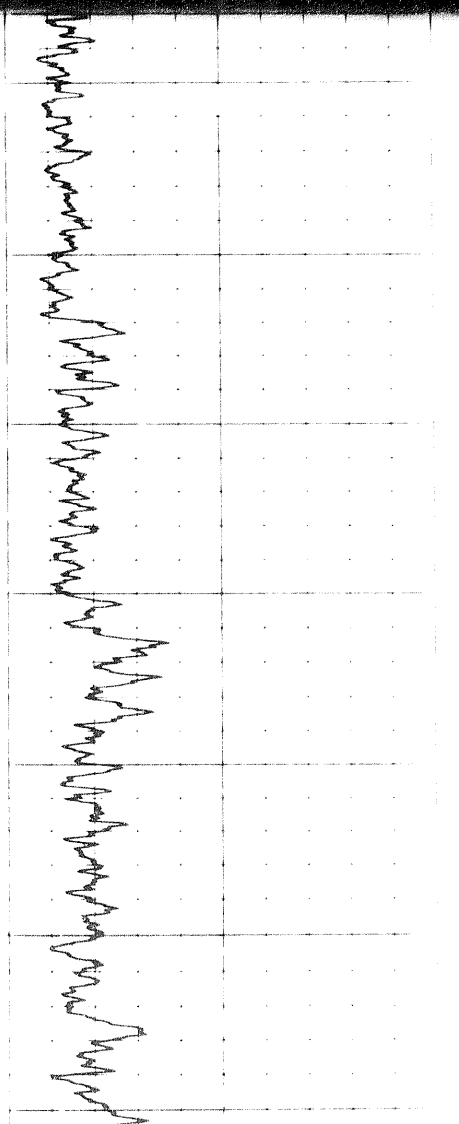
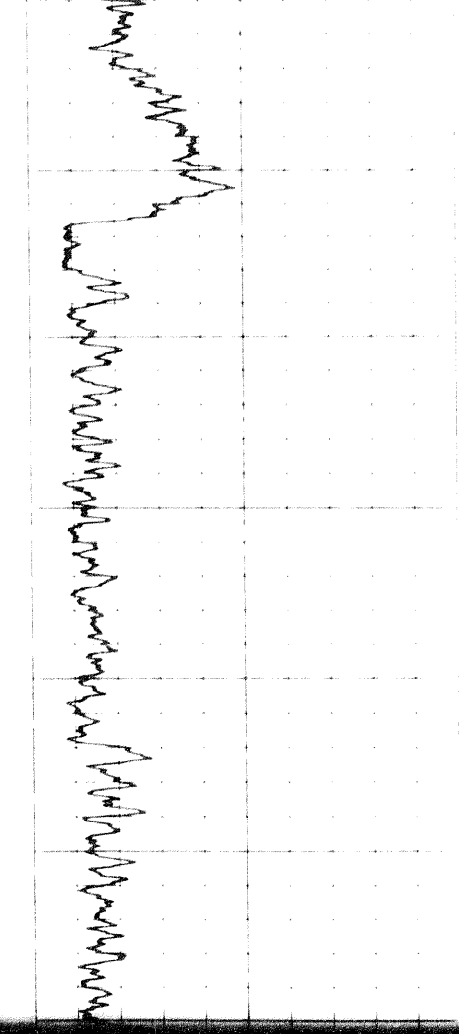
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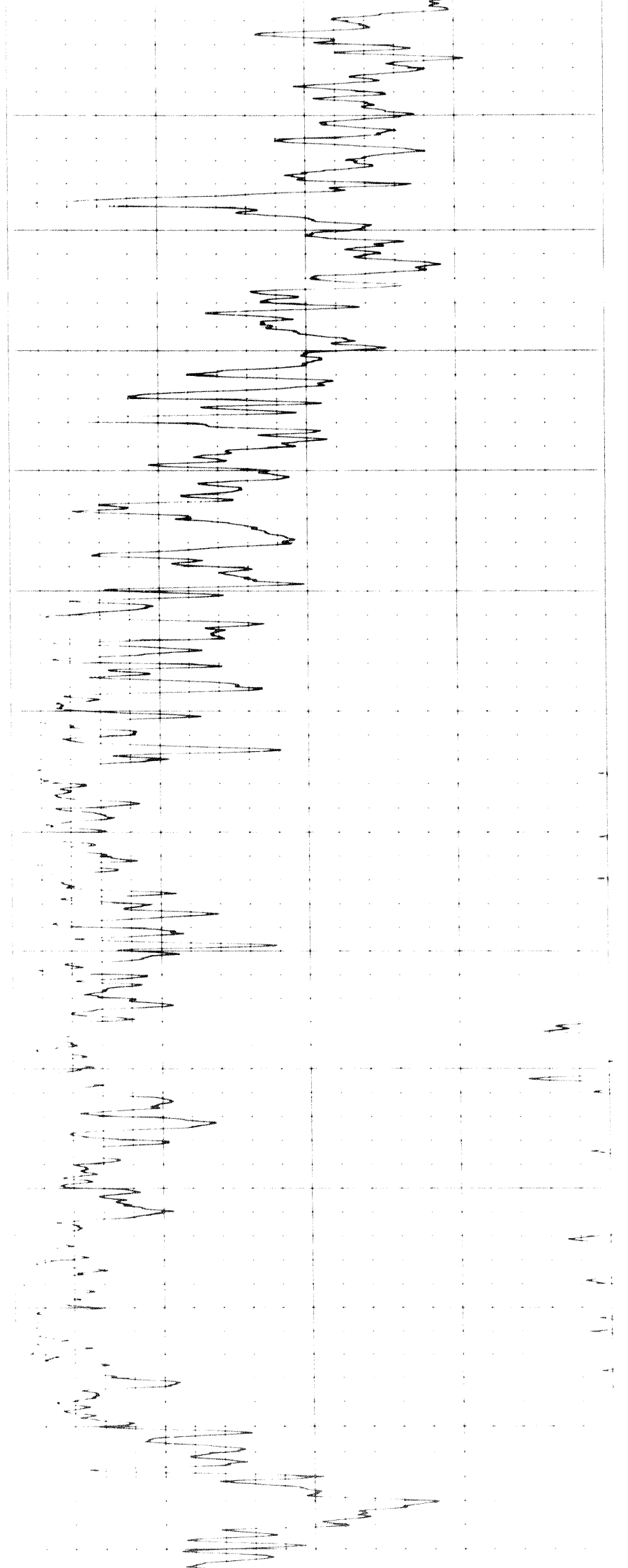
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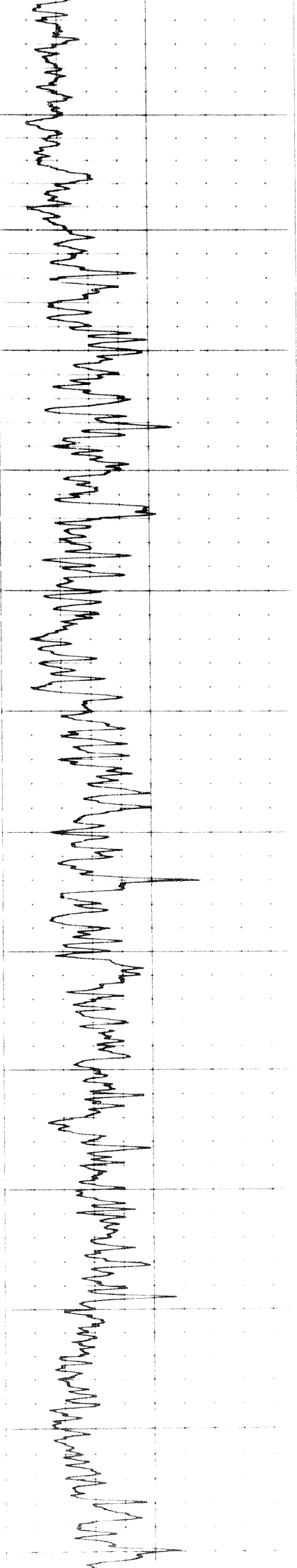
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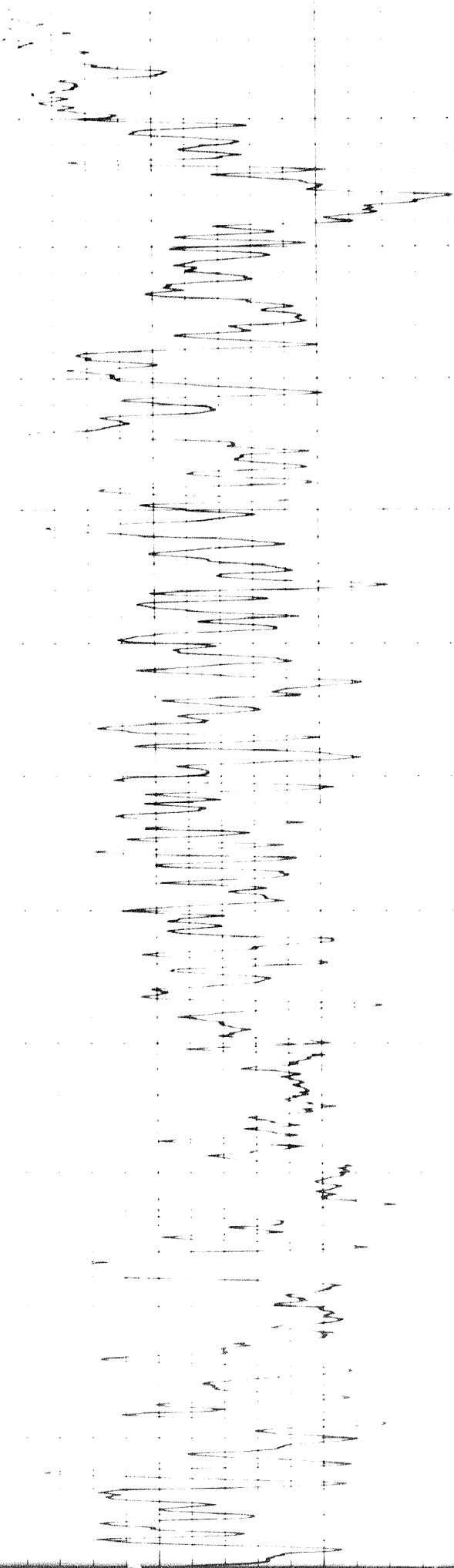
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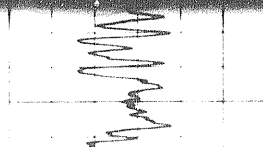
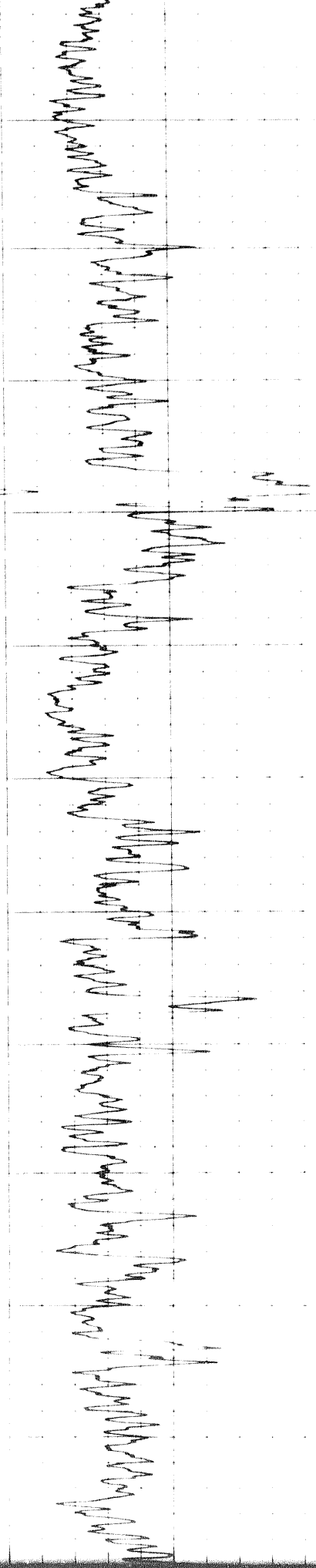
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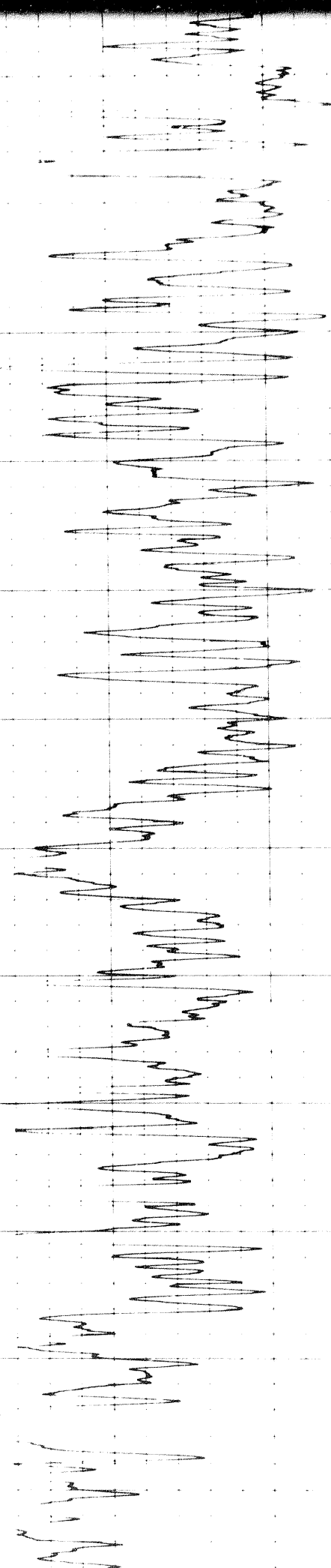
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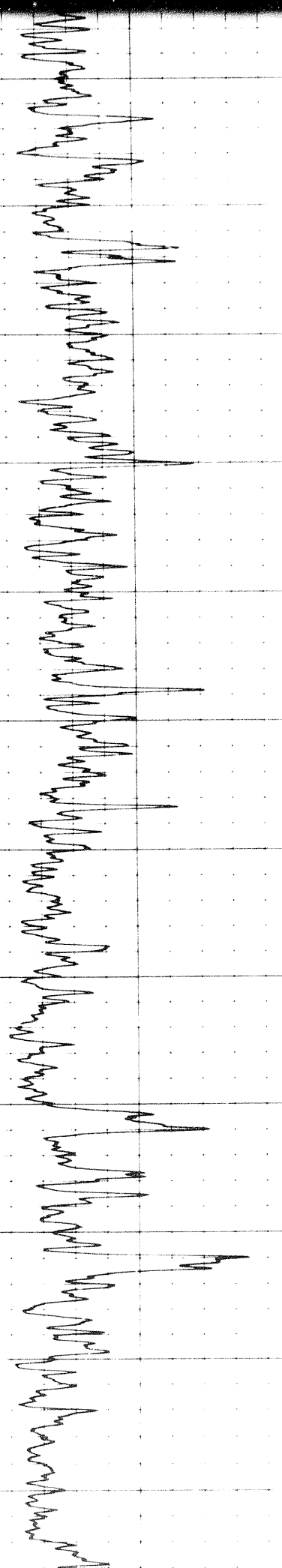
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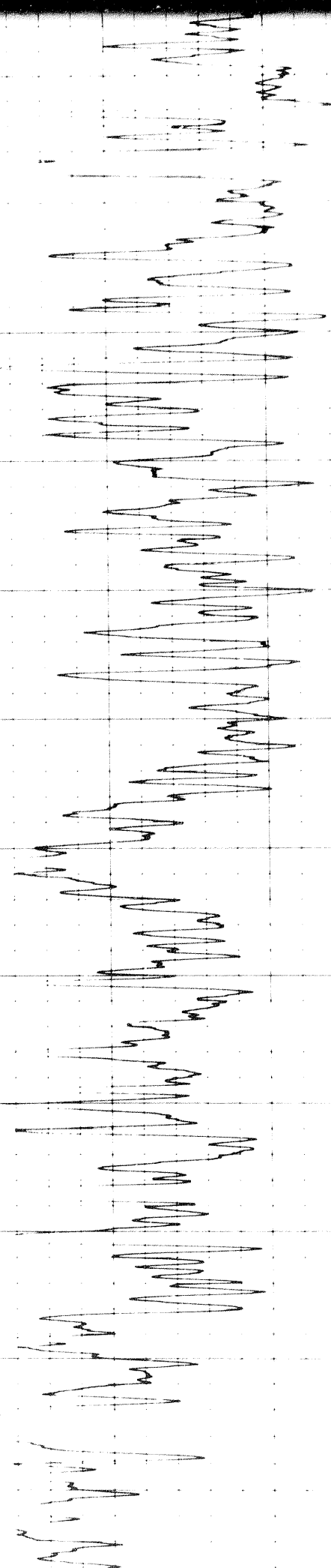
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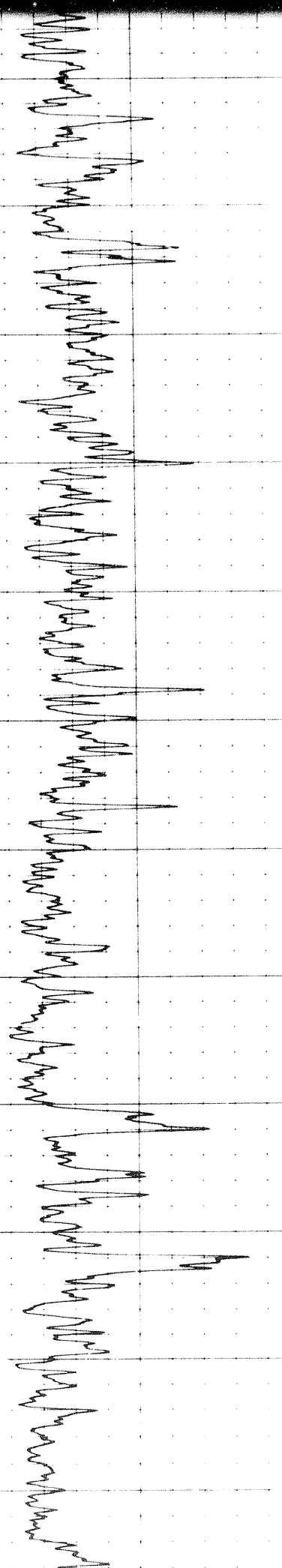


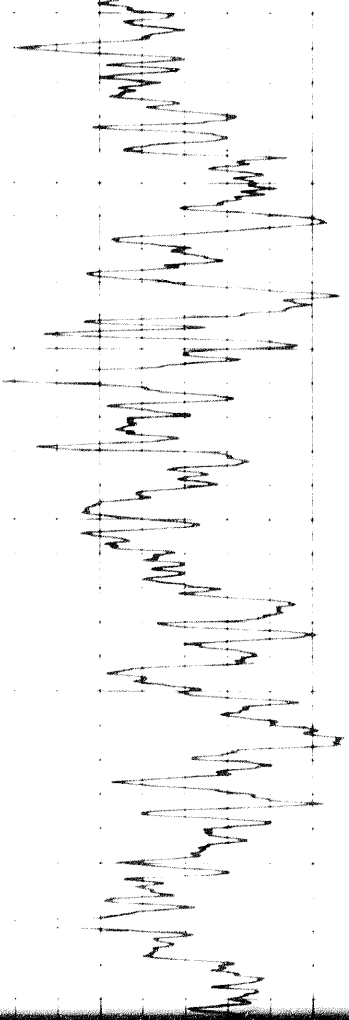
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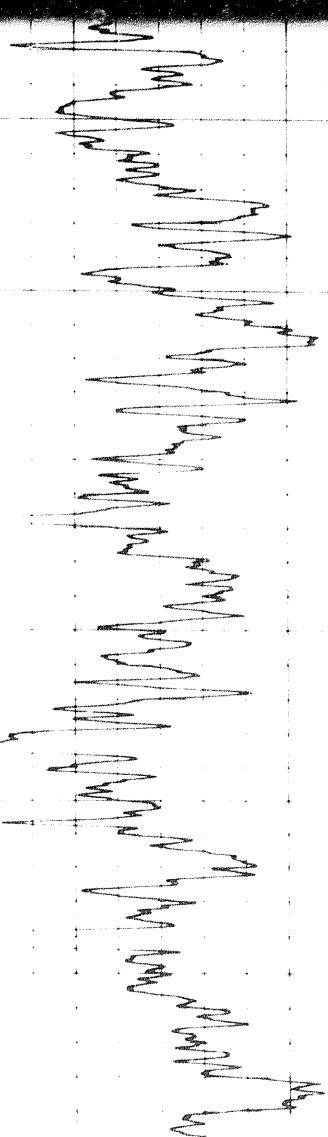




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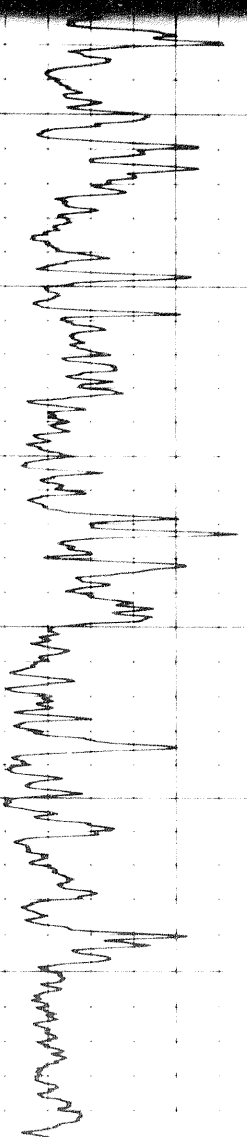
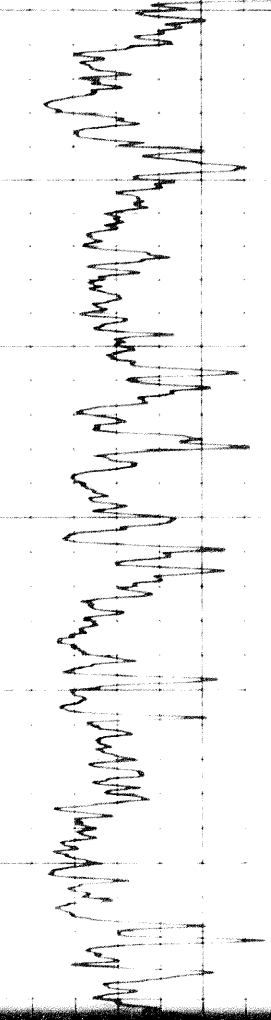
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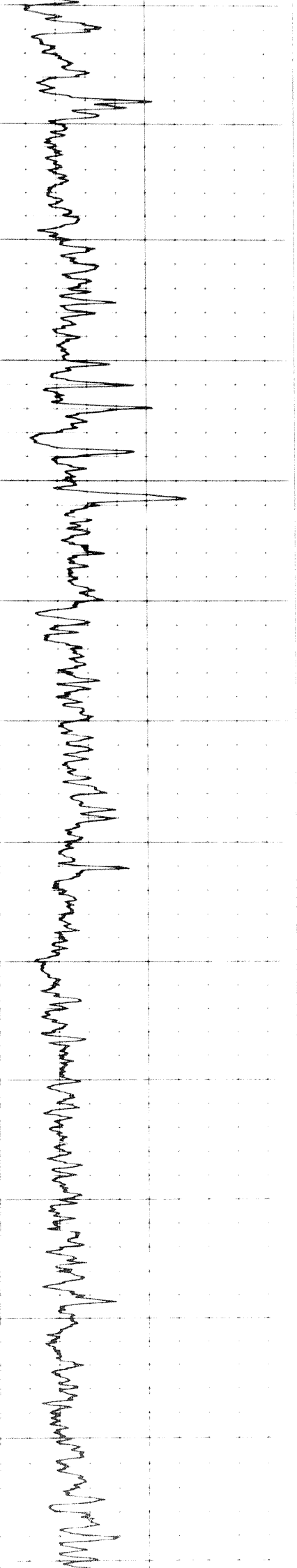
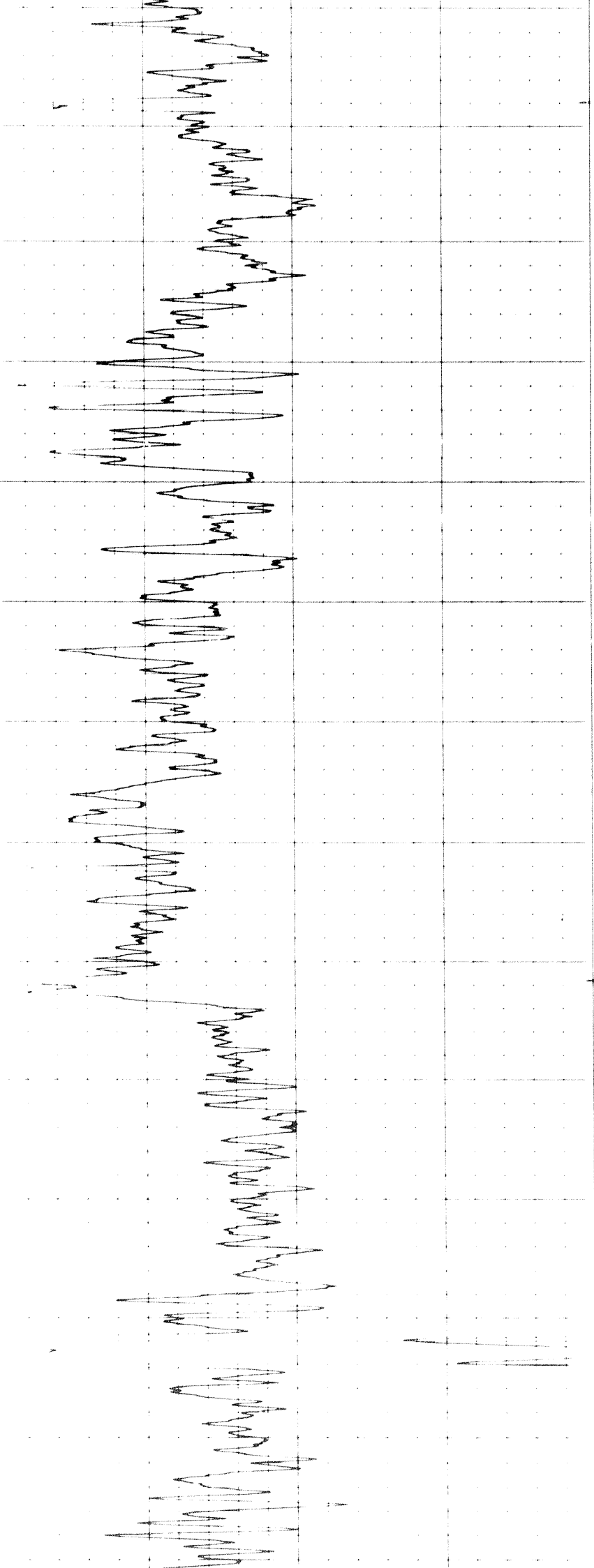
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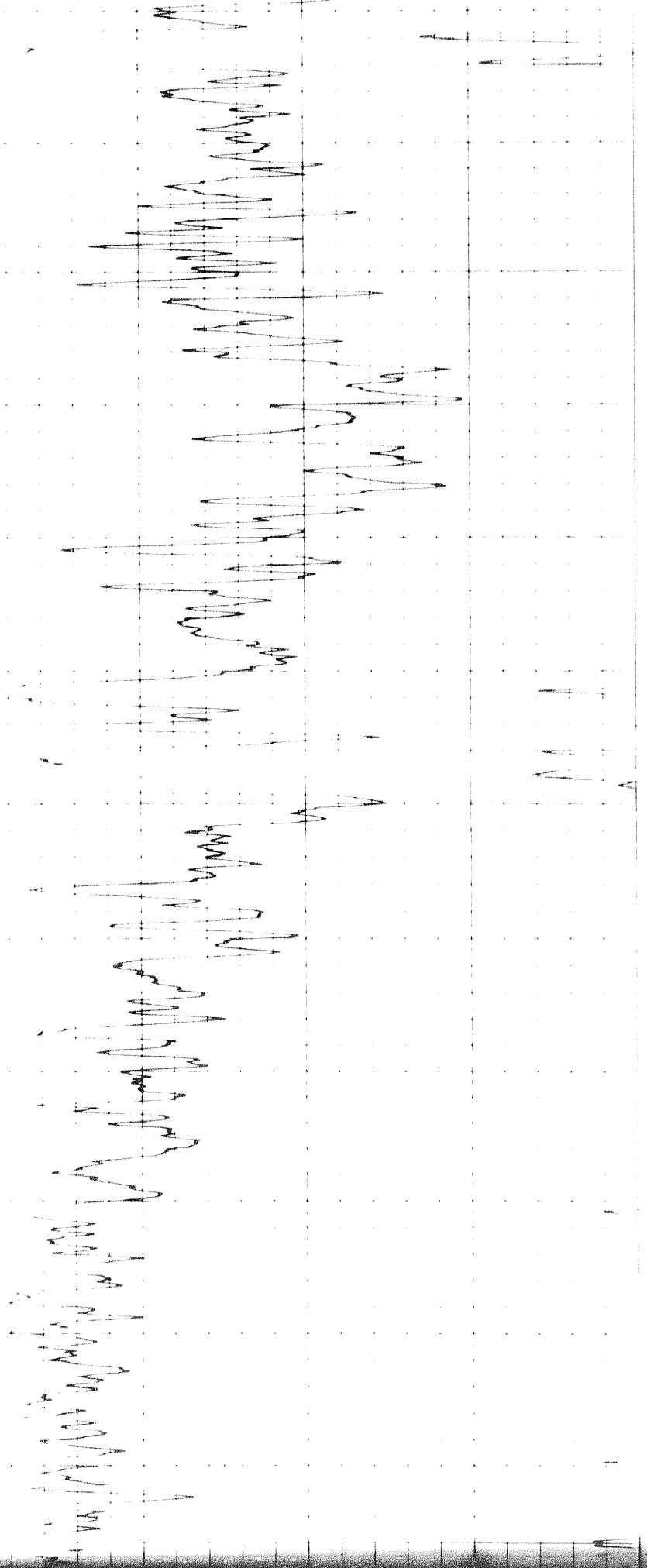
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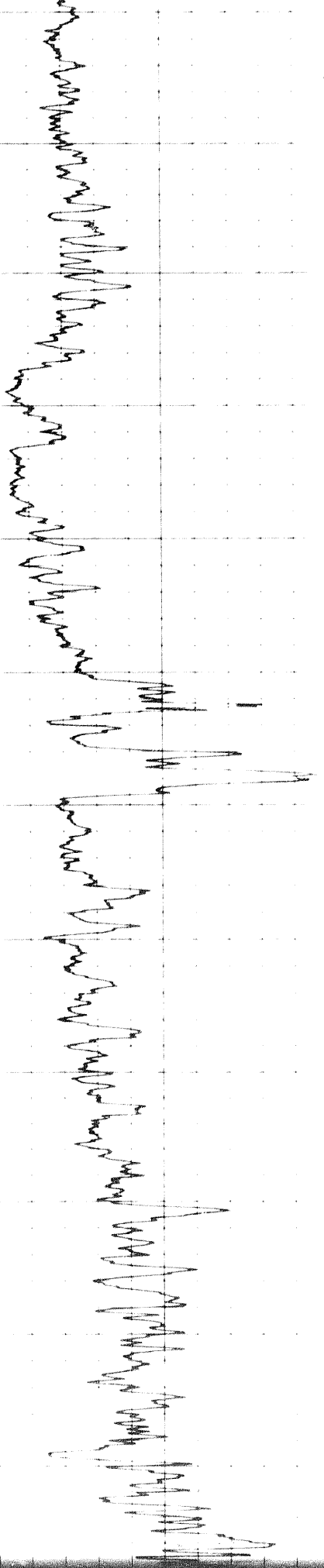
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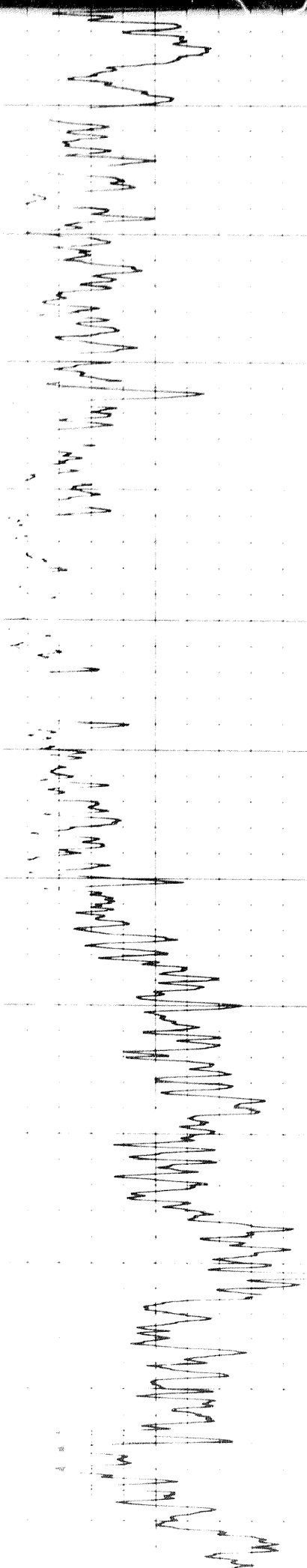
8700

8800



ad

Handwritten notes or labels at the top of the page, possibly indicating a specific frequency or channel.



8800

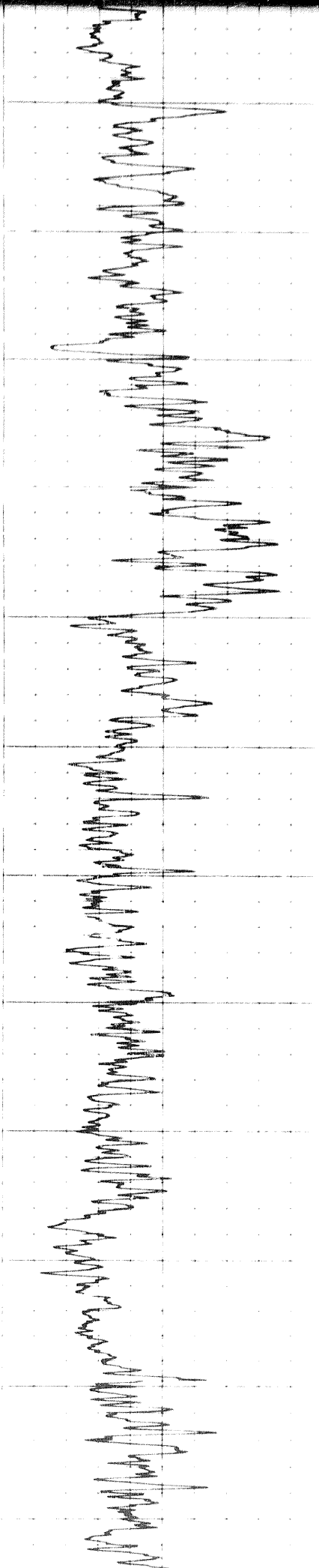
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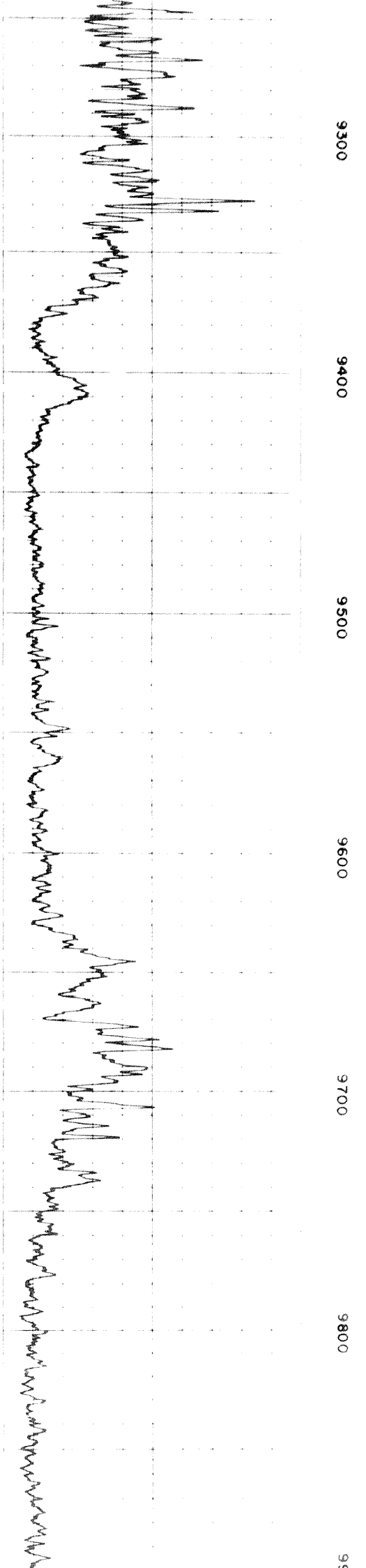
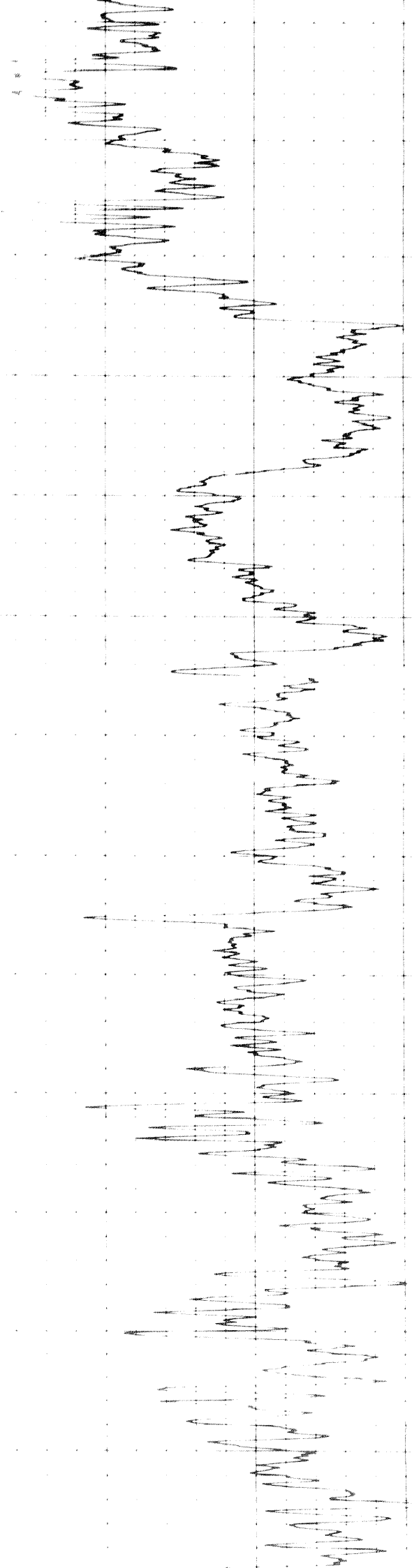
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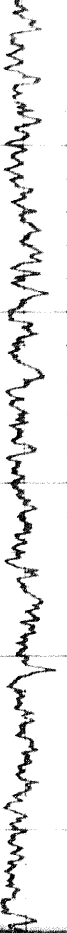
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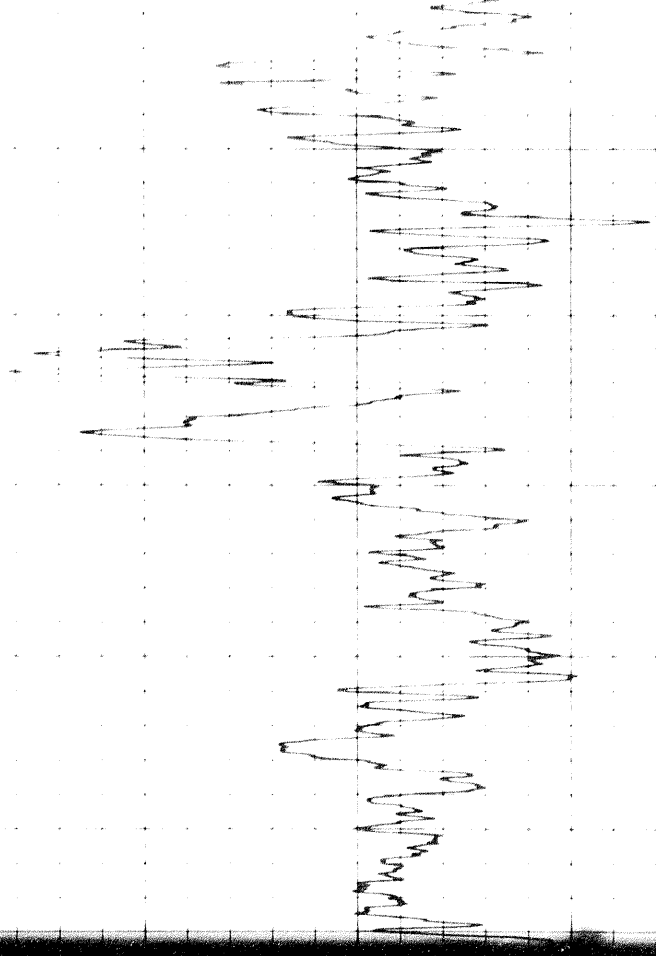


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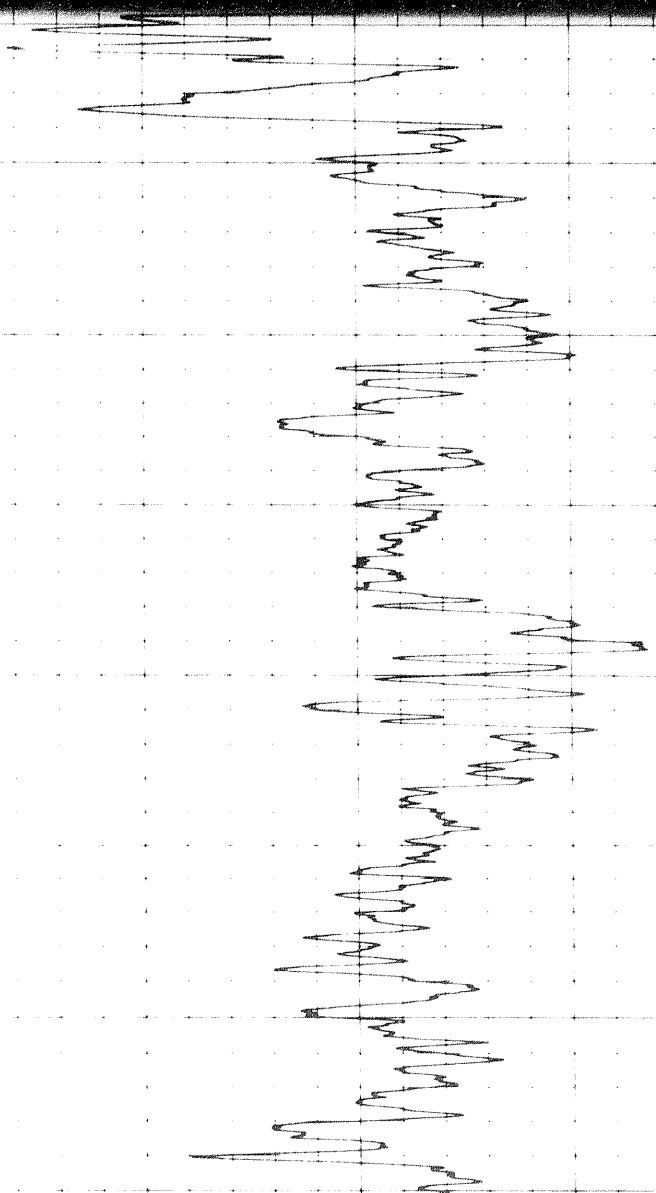
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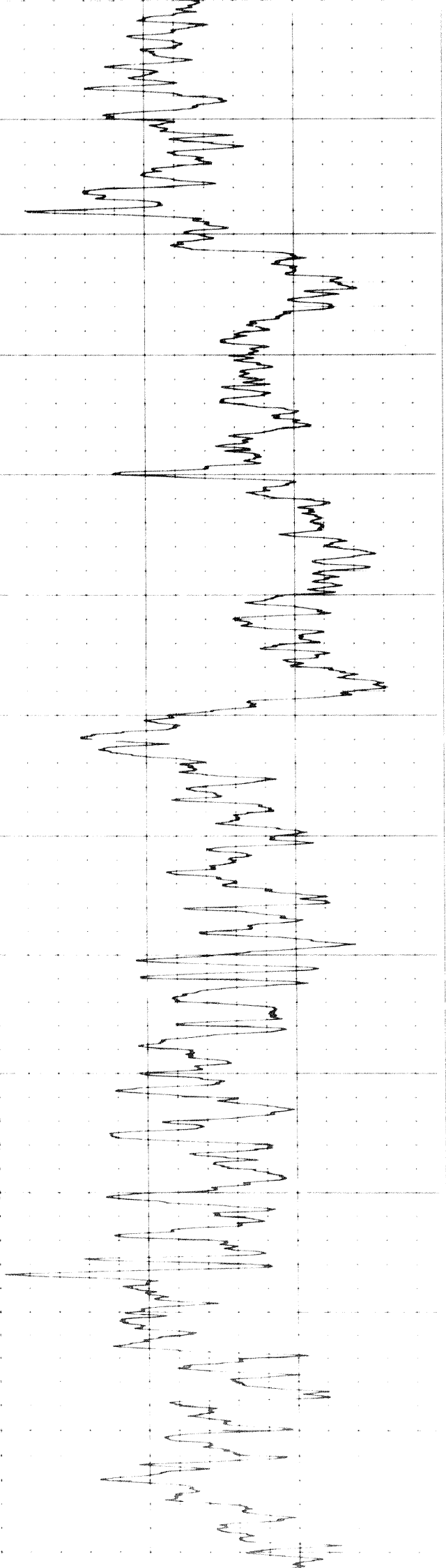


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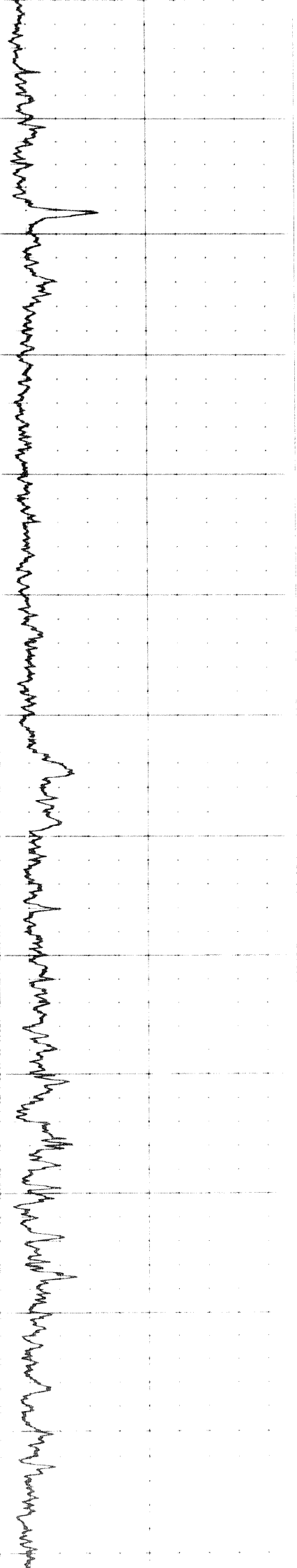
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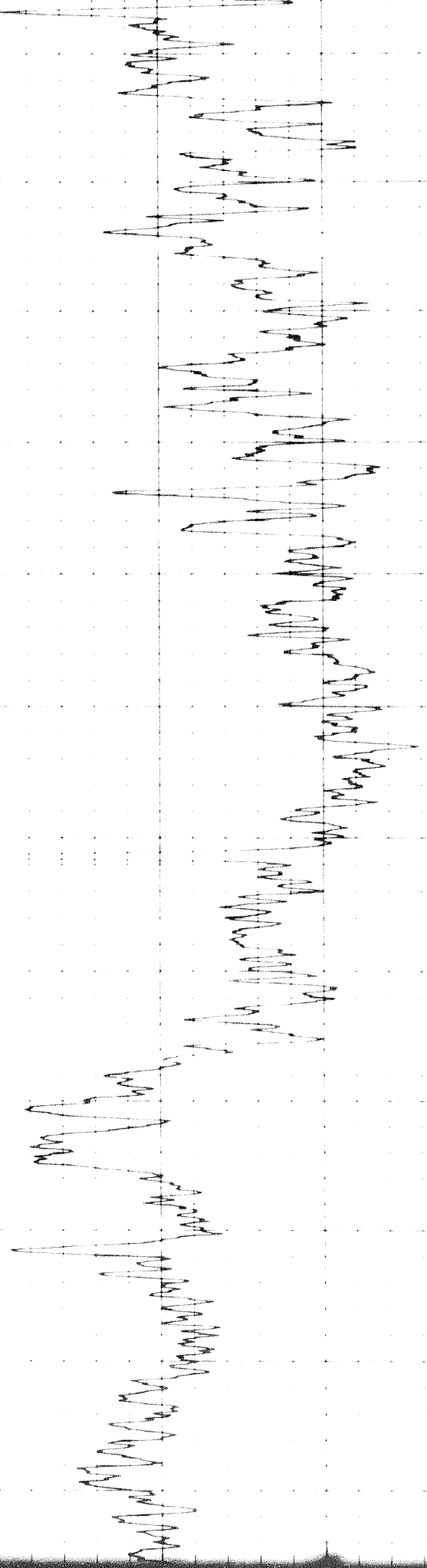
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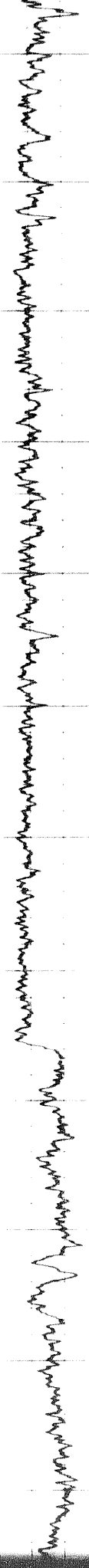


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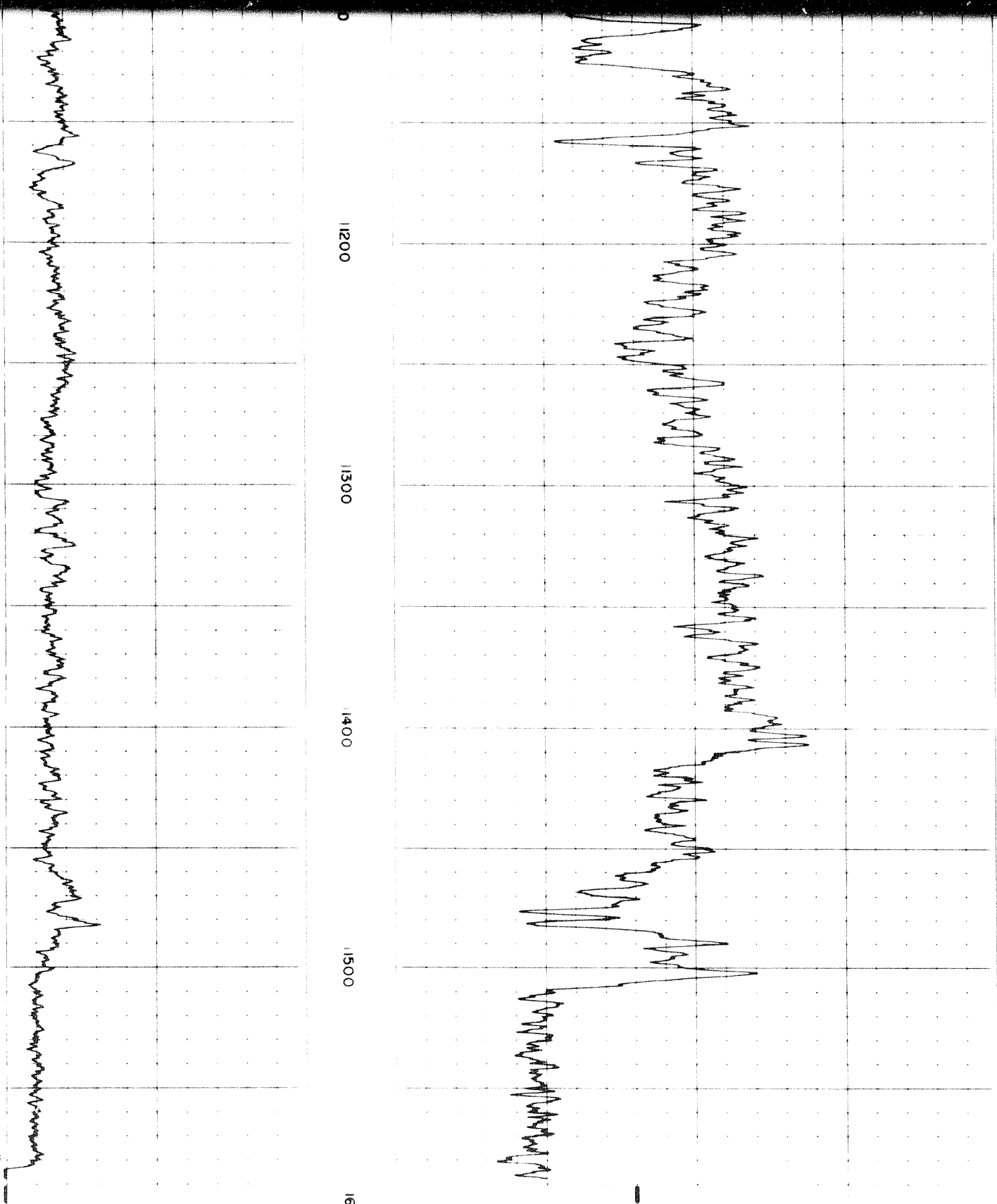




10700 10800 10900 11000 11100 11200



151



DETAIL LOG

5" - 100'

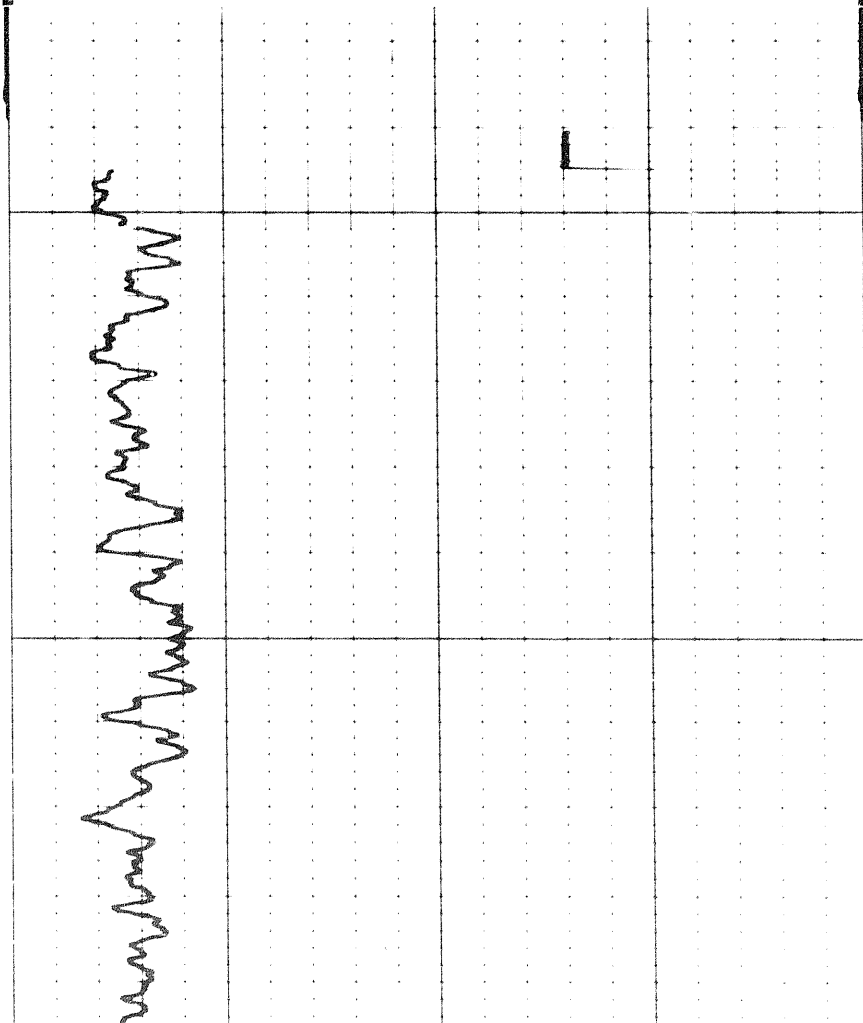
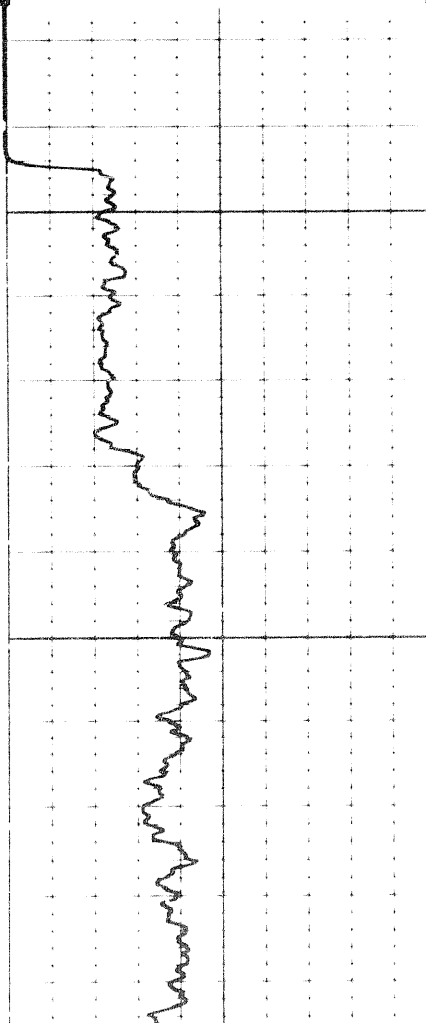
| GAMMA RAY API UNITS | | DEPTHS | NEUTRON API UNITS | | | |
|------------------------|-----|--------|----------------------|-------------|--------------------------------|------|
| Interval | 50 | | Interval | 50 | | |
| | to | 11513 | | to | 900 | |
| | 300 | 2 | Sensitivity | 150 | Time Constant | 2 |
| Logging Speed | 20 | | | feet/minute | | |
| ZERO | 0 | | Logging Speed | 7 | divisions to left of this line | |
| | | 120 | ZERO | 765 | | 1215 |
| | | 240 | | | | |

DETAIL LOG

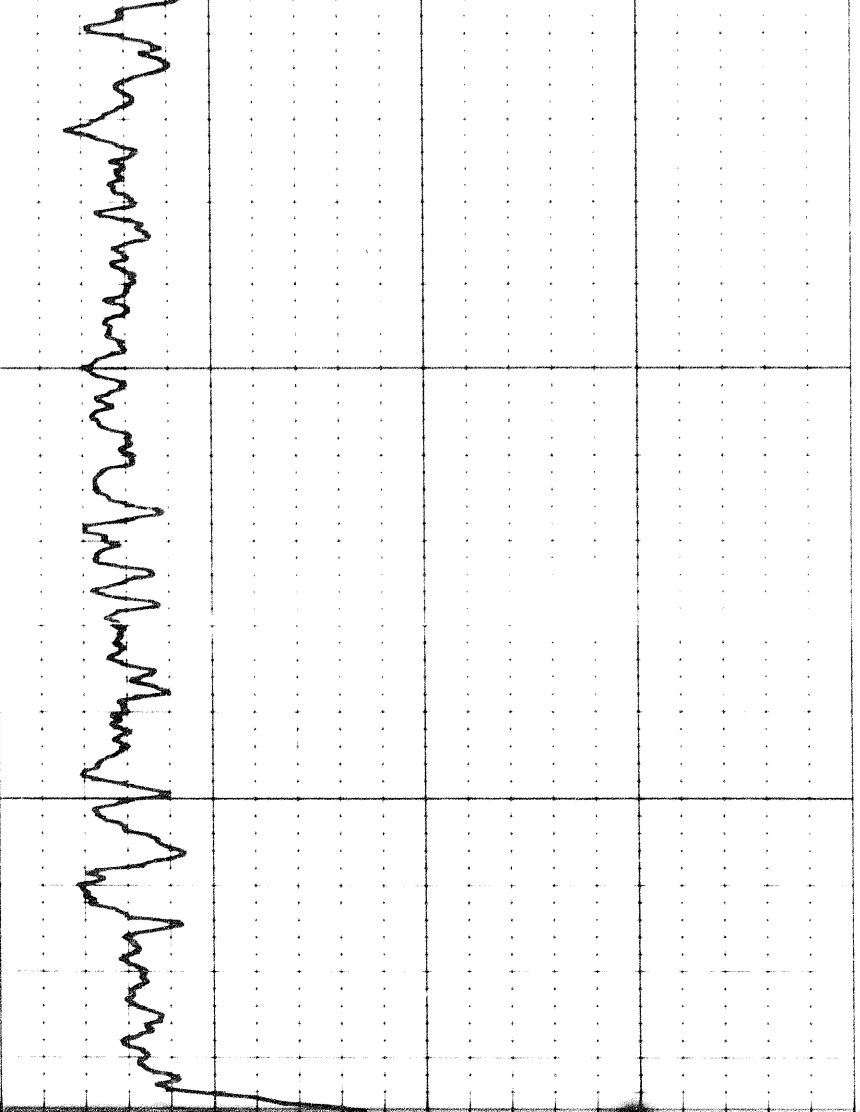
5" - 100'

| GAMMA RAY API UNITS | DEPTHS | NEUTRON API UNITS |
|---|--------|---|
| Interval 50 to 11513 Sens 300 T.C. 2 Logging Speed 20 ft/min ZERO 0 div. to left 0 120 120 240 | | Interval 50 to 900 Sensitivity 150 Time Constant 2 Logging Speed 20 feet/minute ZERO 7 divisions to left of this line 315 765 1215 |
| Interval to Sens T.C. Logging Speed ft/min ZERO div. to left | | Interval 900 to 1970 Sensitivity 200 Time Constant 2 Logging Speed 20 feet/minute ZERO 7 divisions to left of this line 120 1020 1620 |
| Interval to Sens T.C. Logging Speed ft/min ZERO div. to left | | Interval 1970 to 4250 Sensitivity 200 Time Constant 2 Logging Speed 20 feet/minute ZERO 5 divisions to left of this line 300 900 1500 |
| Interval to Sens T.C. Logging Speed ft/min ZERO div. to left | | Interval 4250 to 4700 Sensitivity 300 Time Constant 2 Logging Speed 20 feet/minute ZERO 10 divisions to left of this line 900 1800 2700 |
| Interval to Sens T.C. Logging Speed ft/min ZERO div. to left | | Interval 4700 to TD Sensitivity 400 Time Constant 2 Logging Speed 20 feet/minute ZERO 12 divisions to left of this line 1710 2640 3840 |

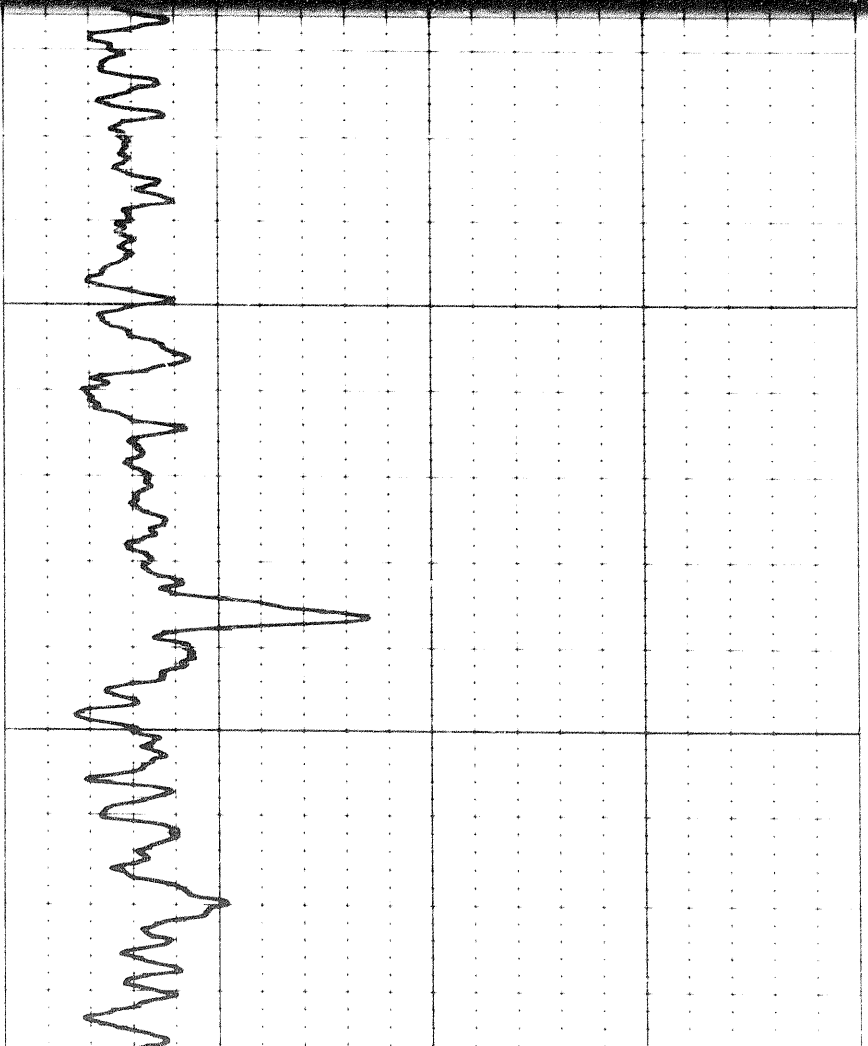
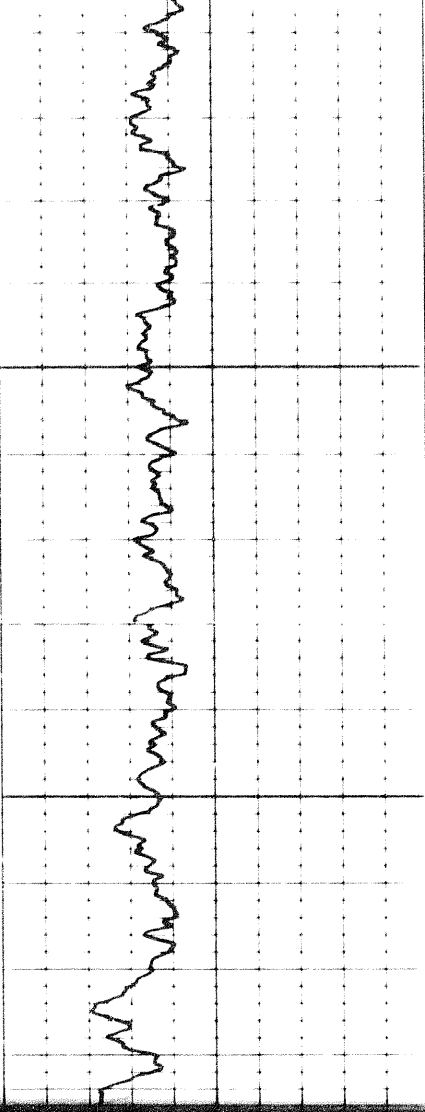
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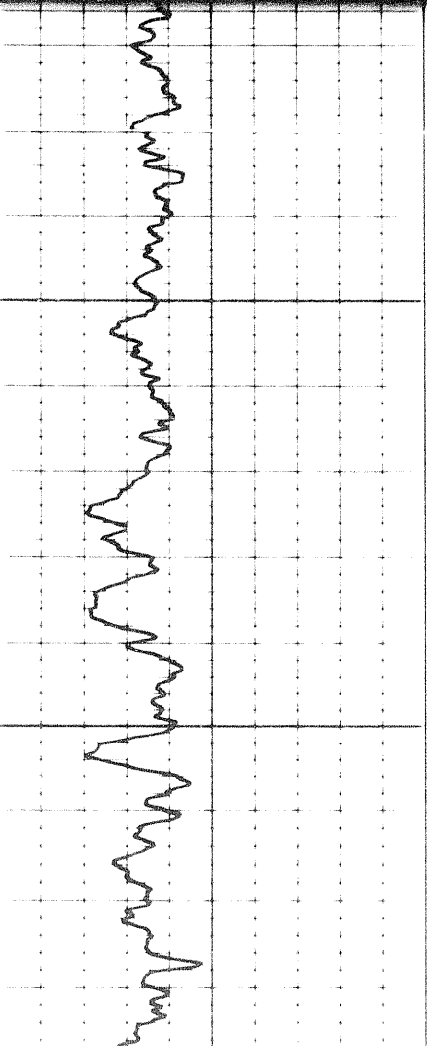
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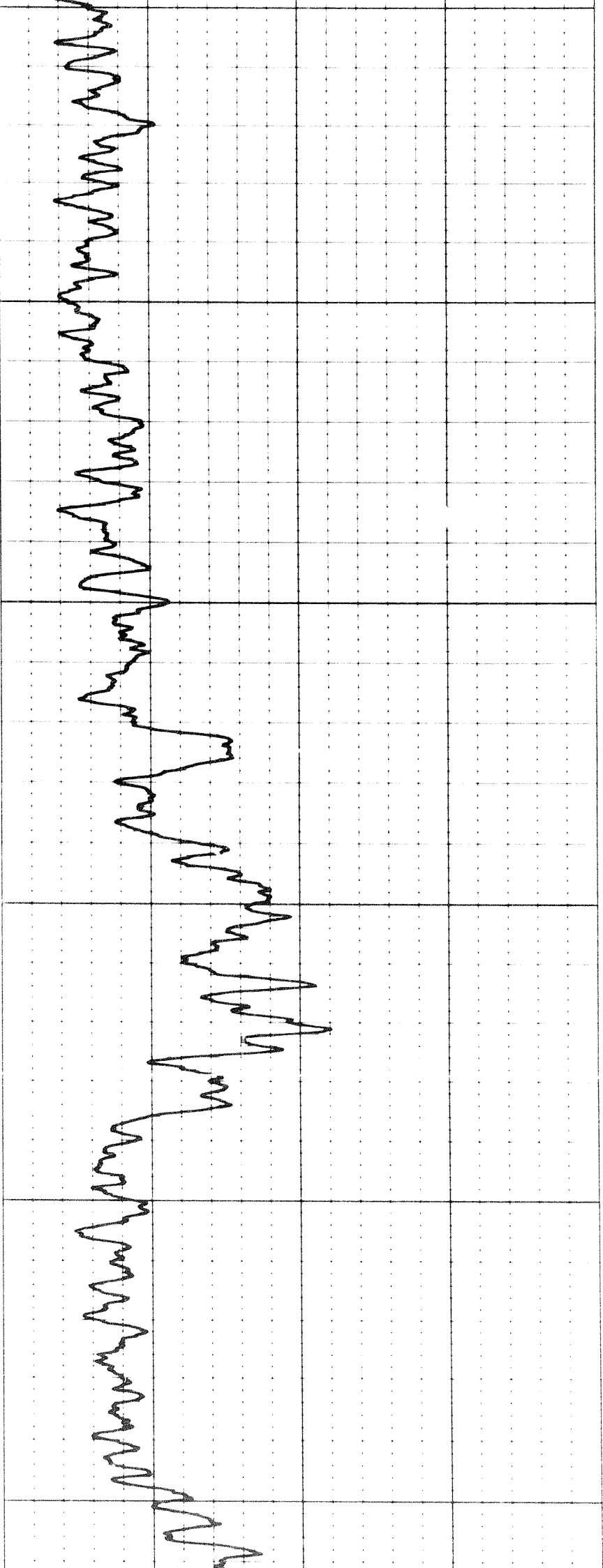
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0200



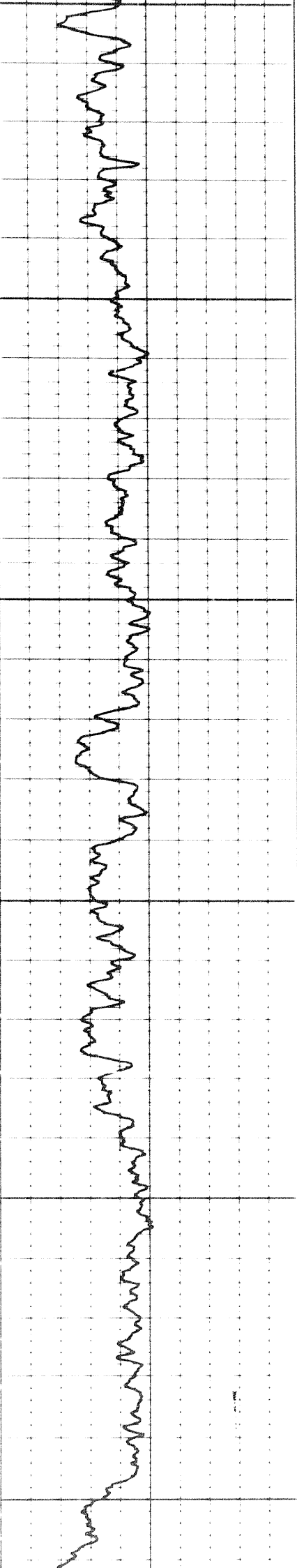
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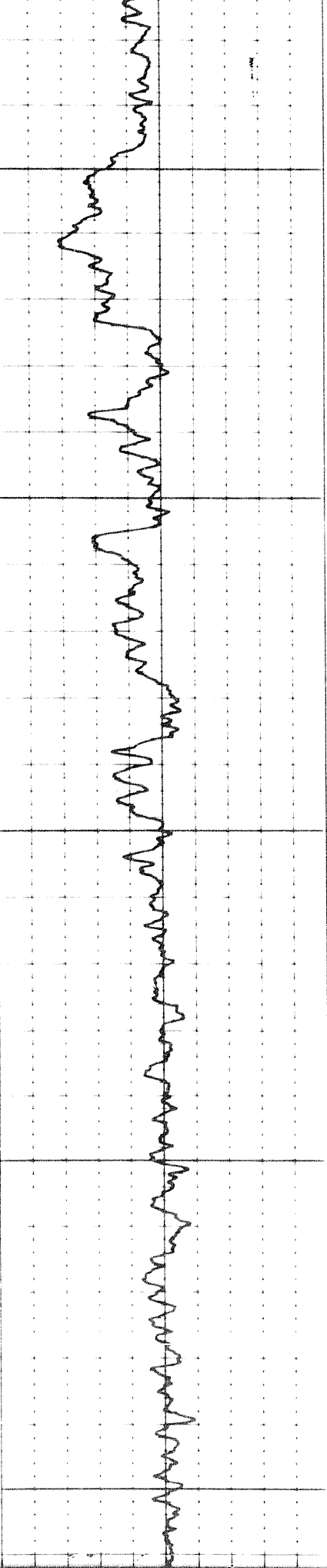
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0400

0500



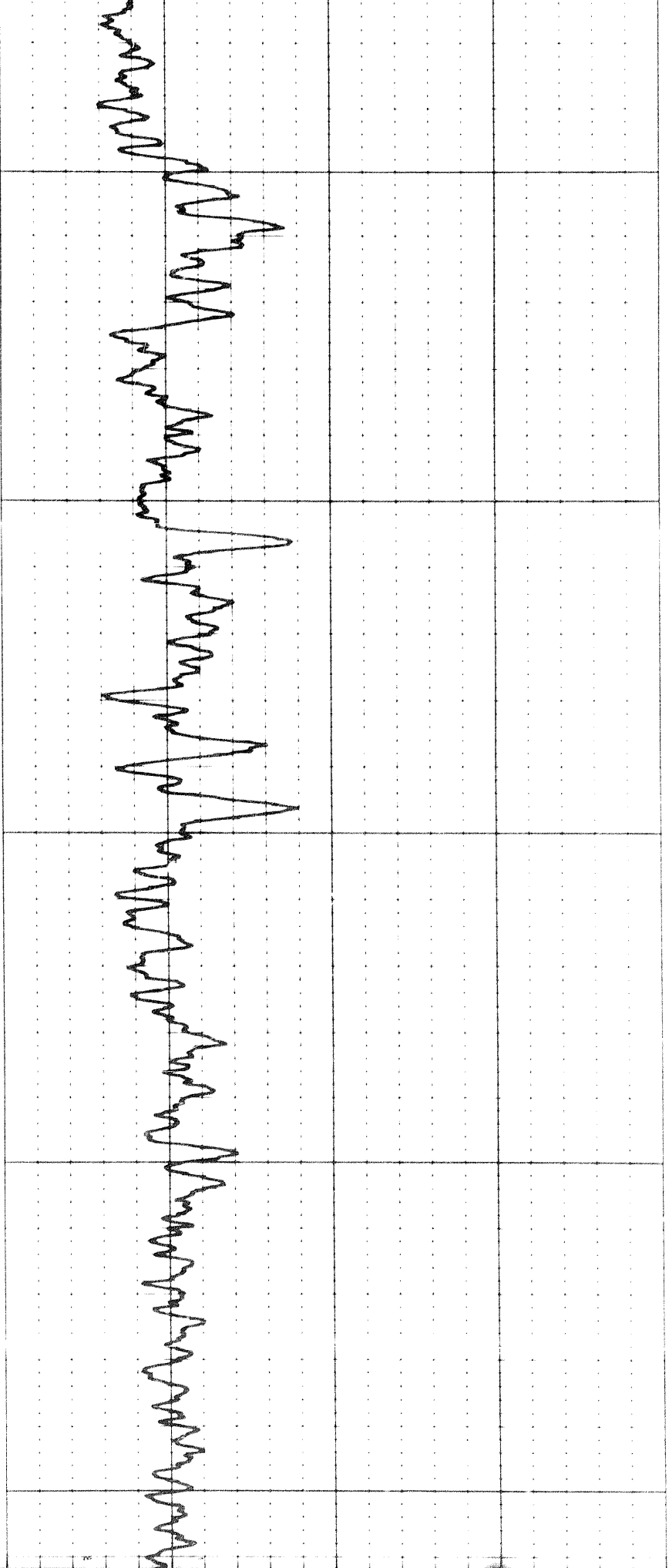
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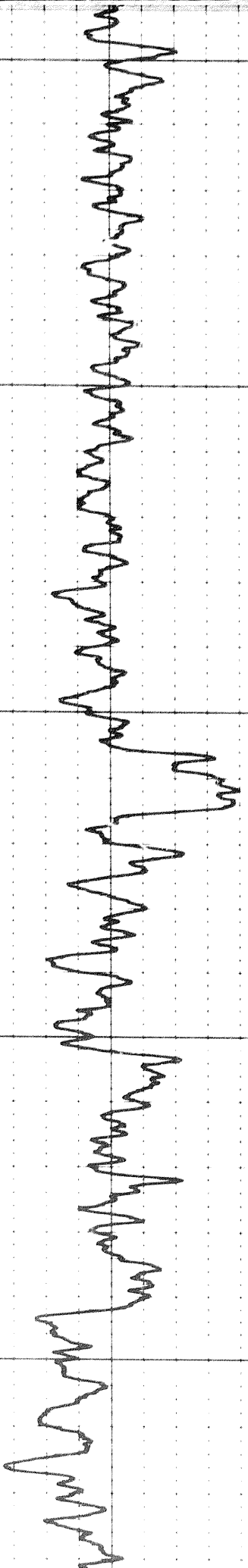


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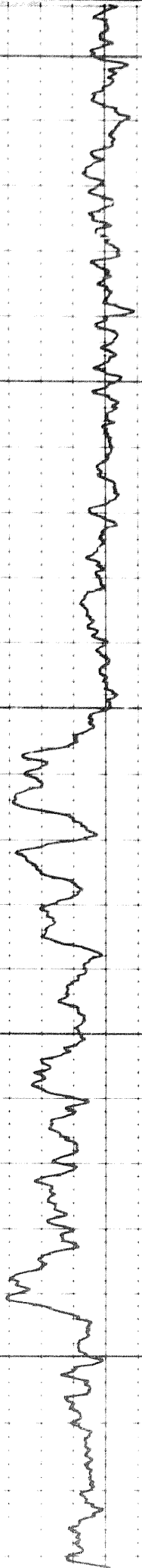
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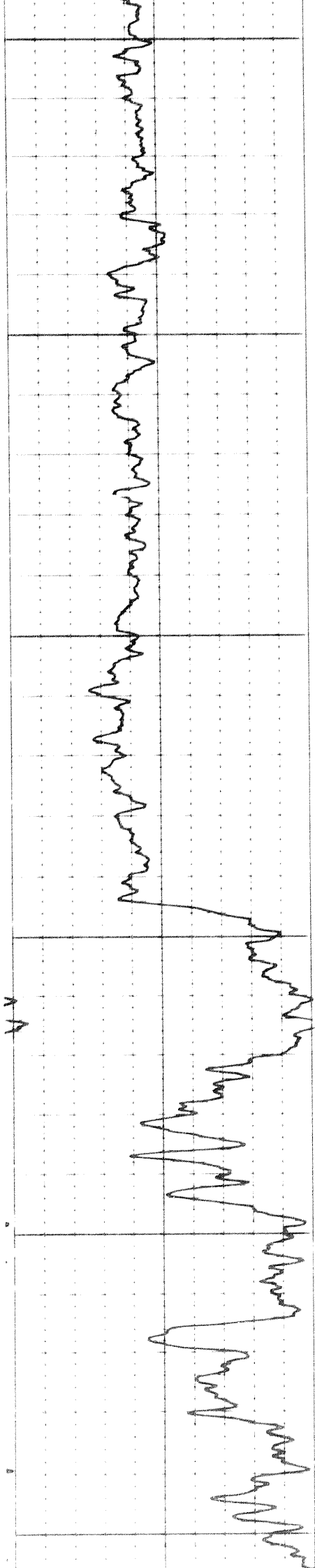


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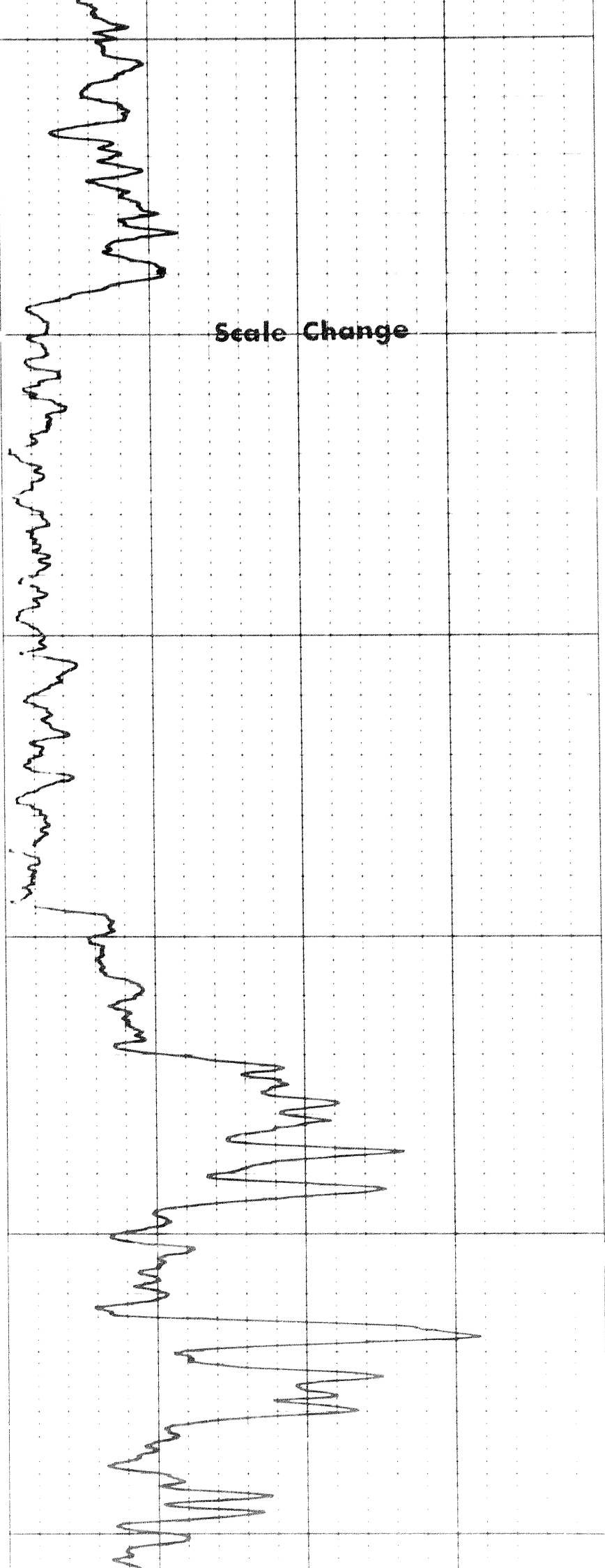
V.V



0011

1000

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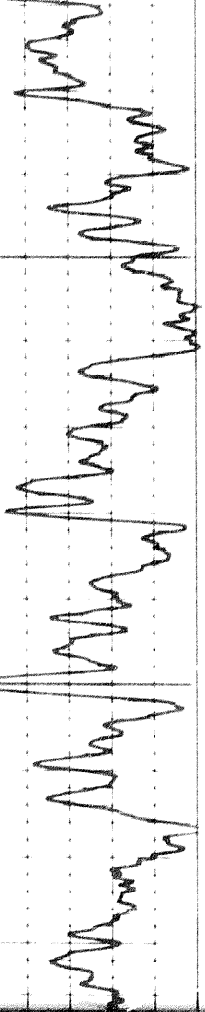


Scale Change

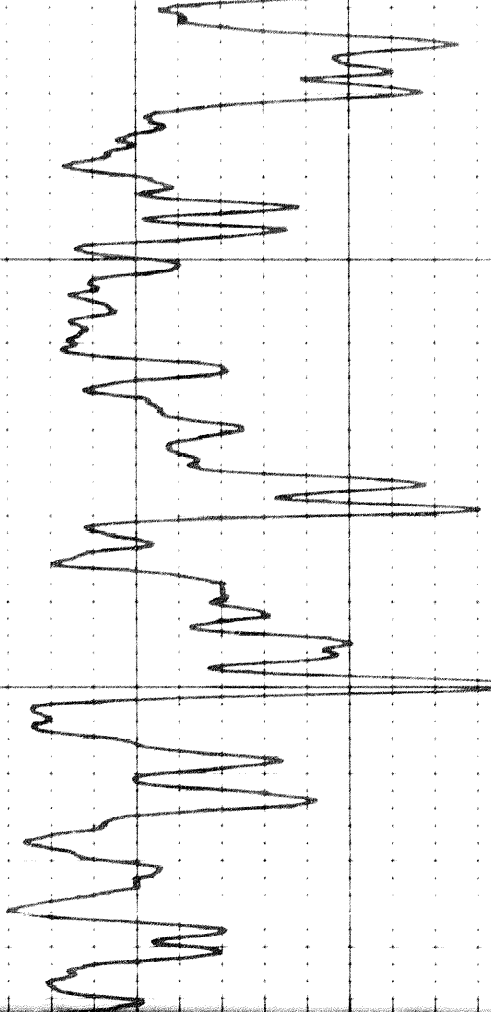
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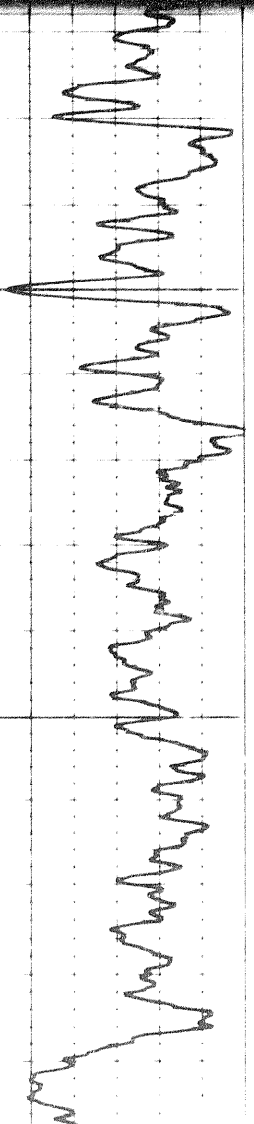
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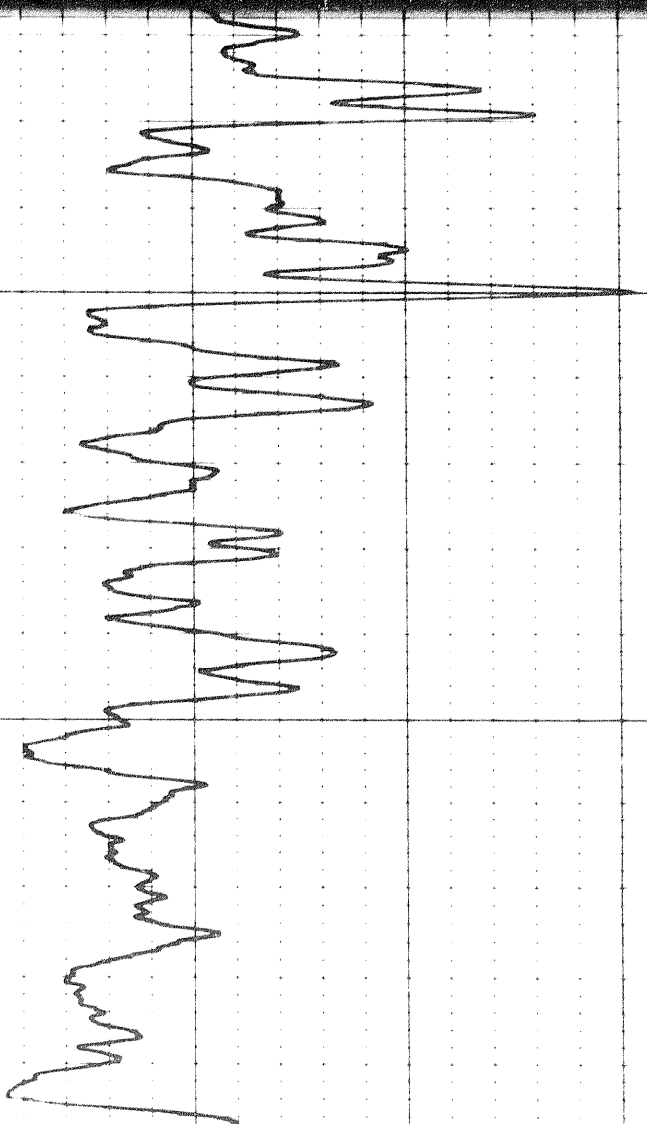
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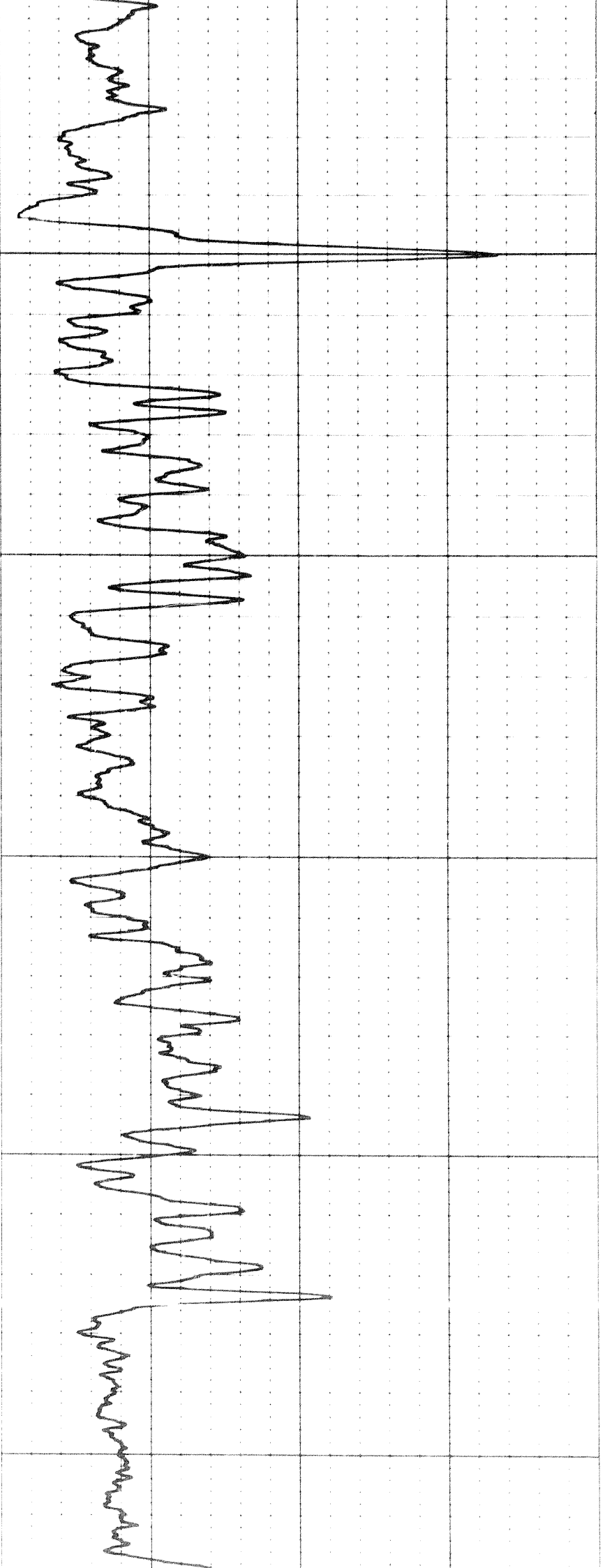


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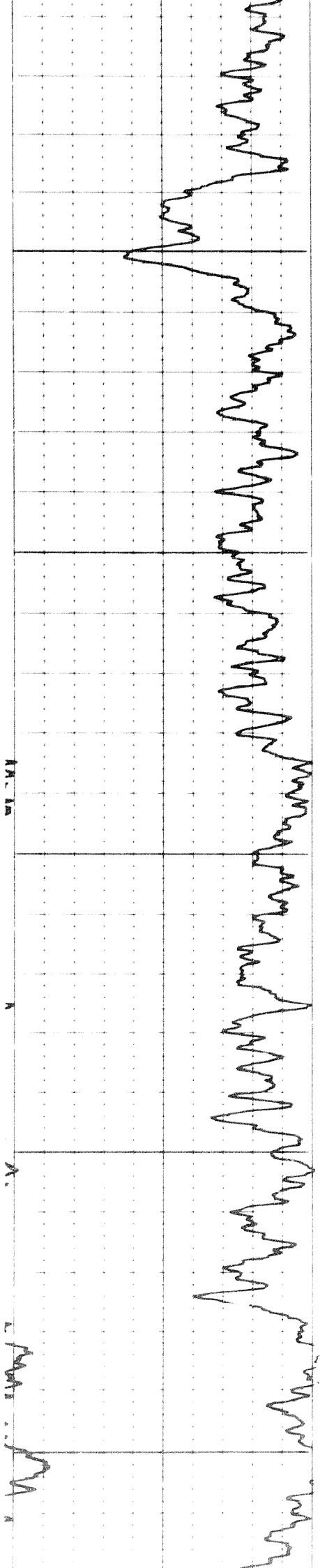
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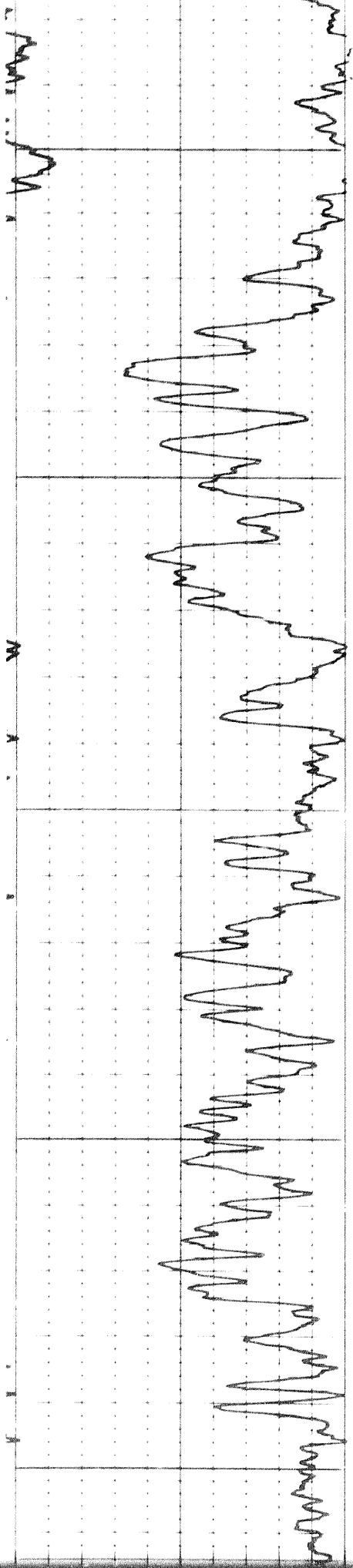


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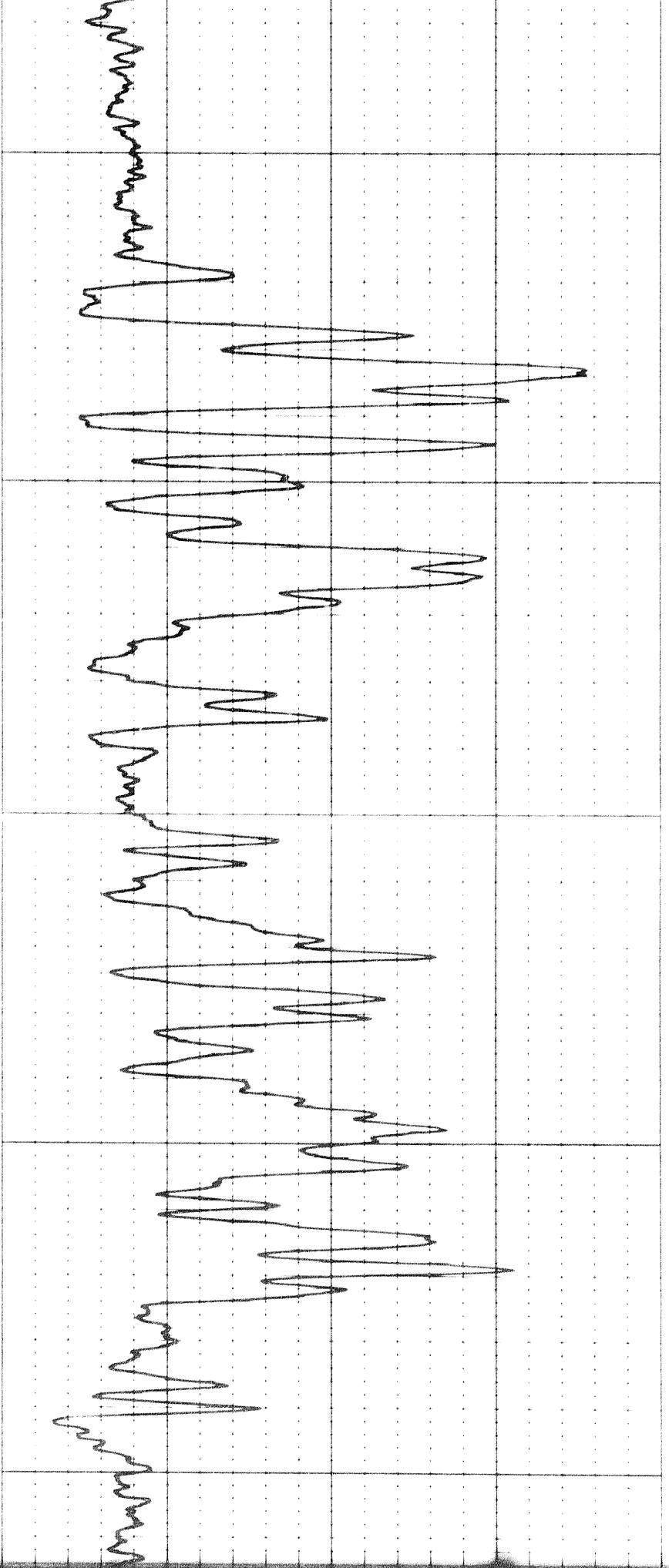
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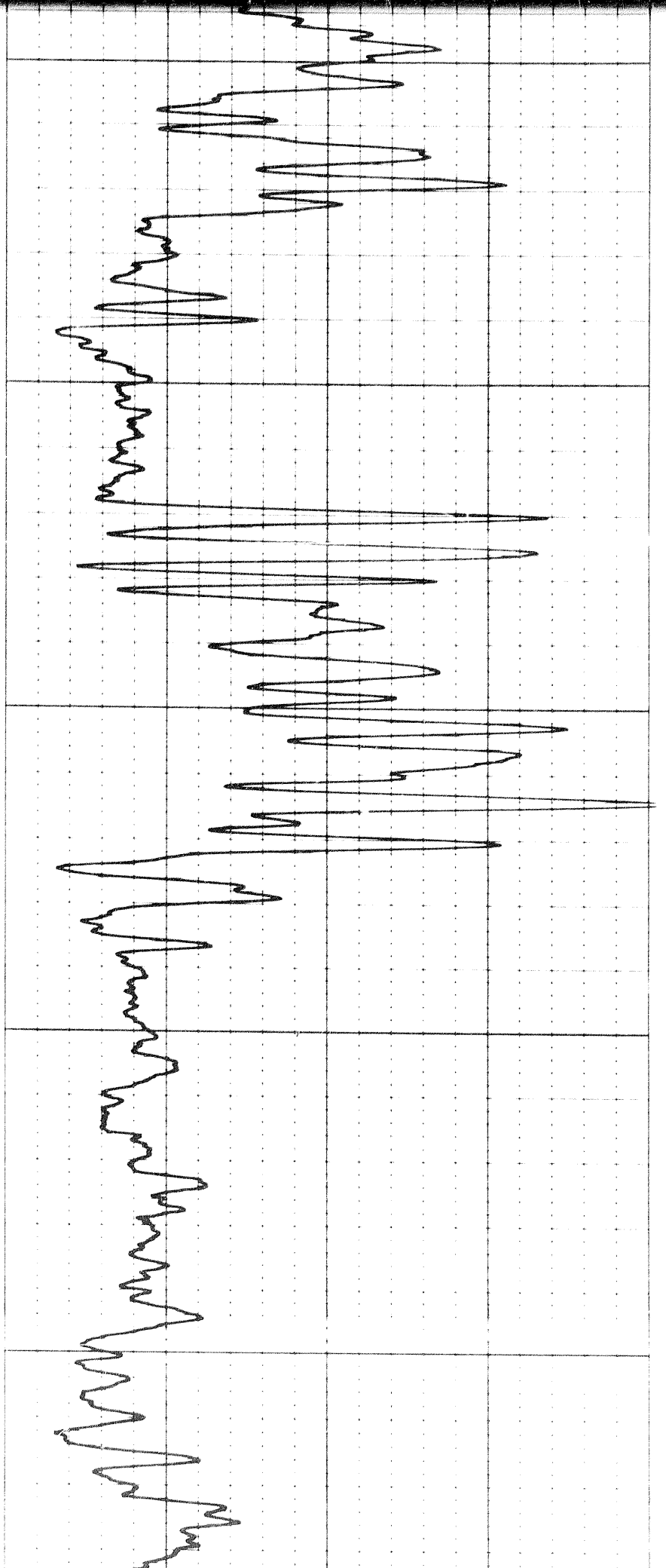


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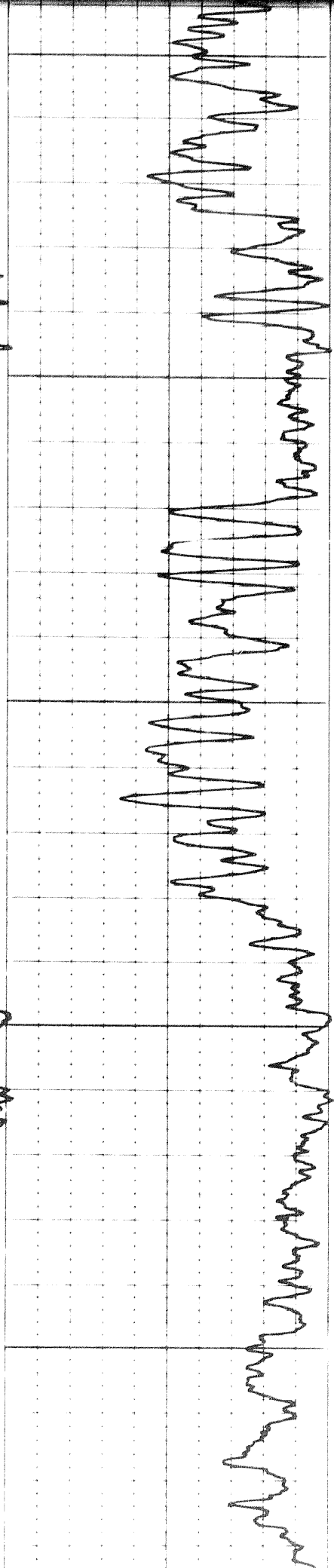
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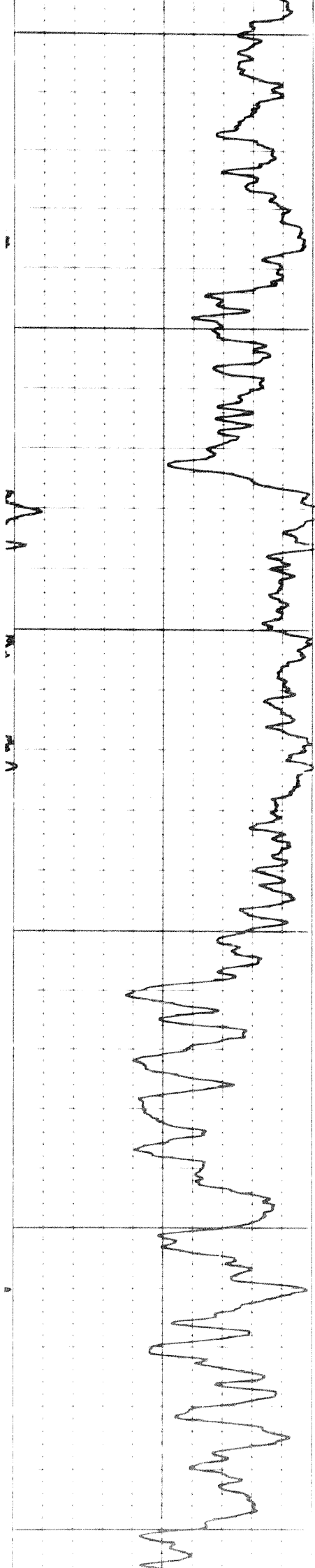
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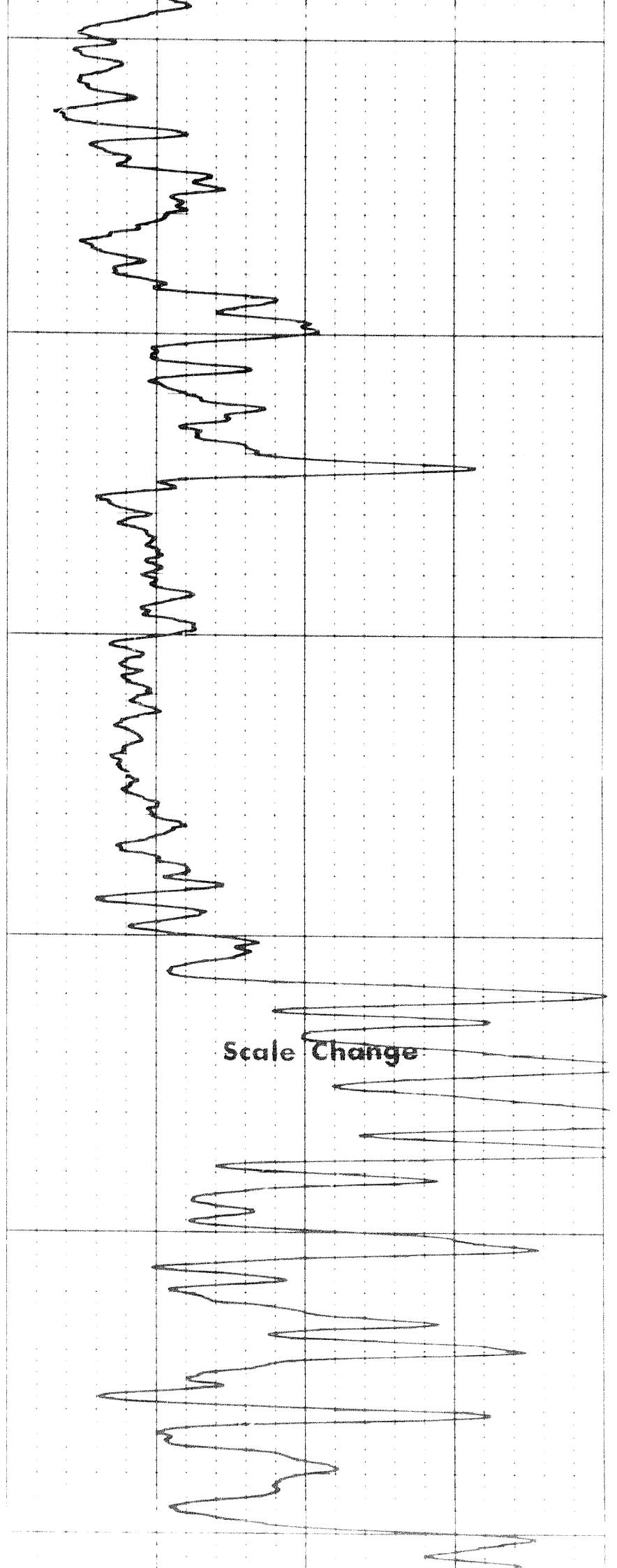
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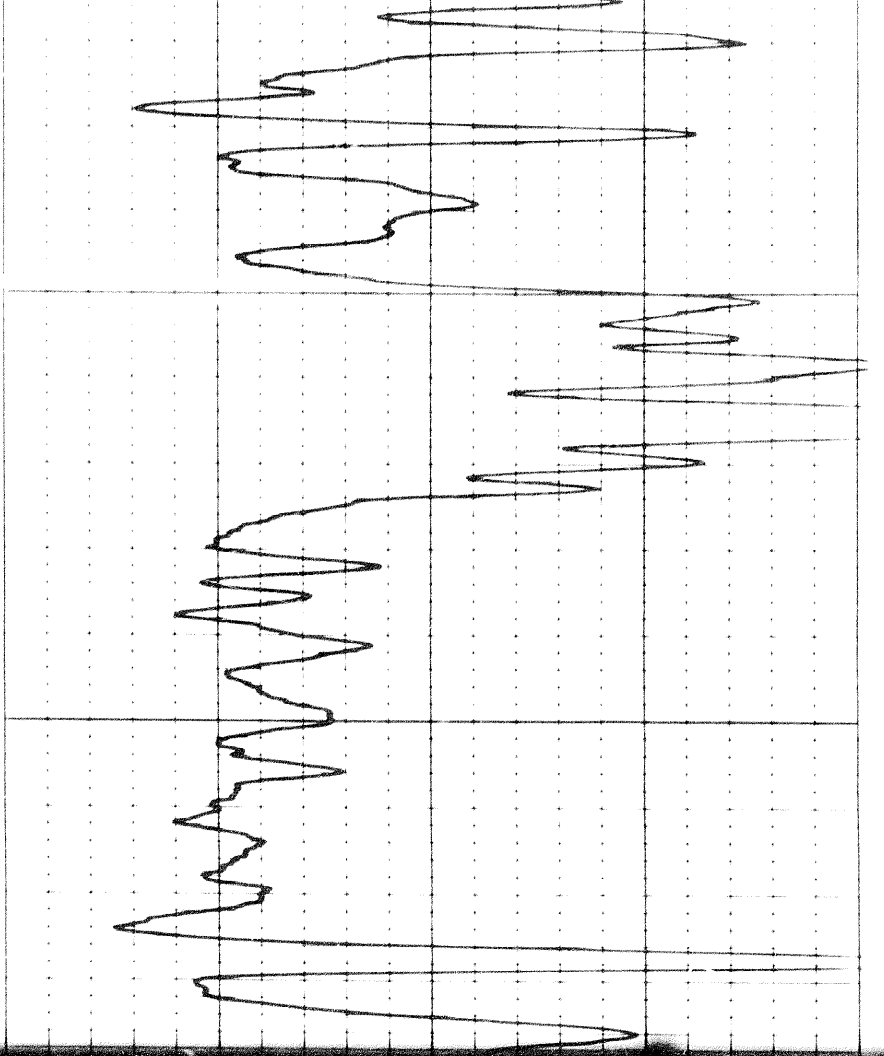
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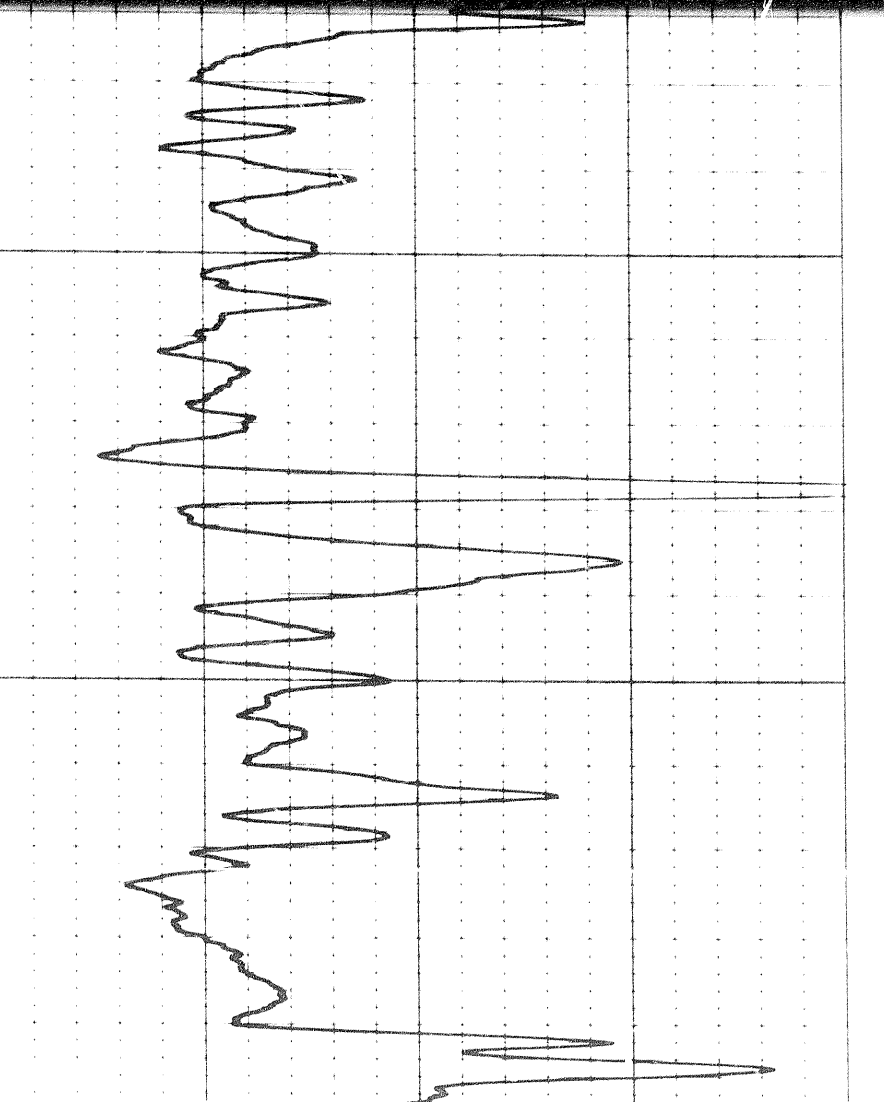
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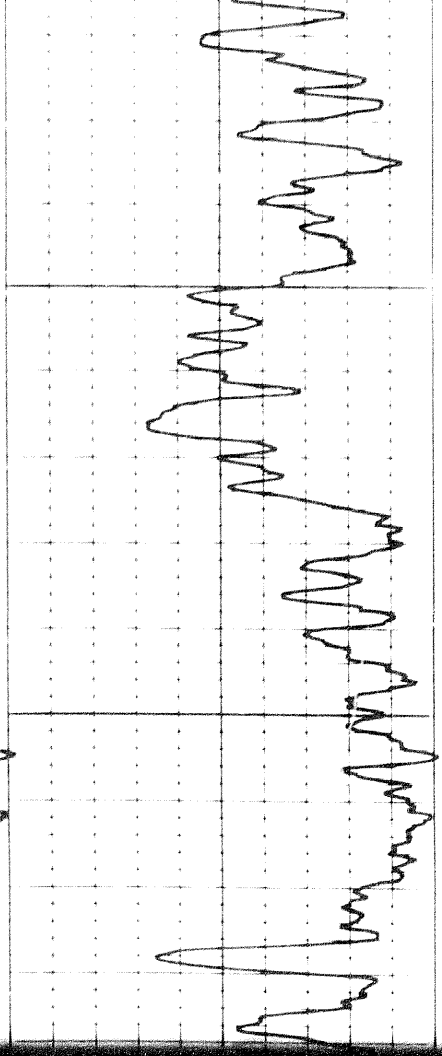
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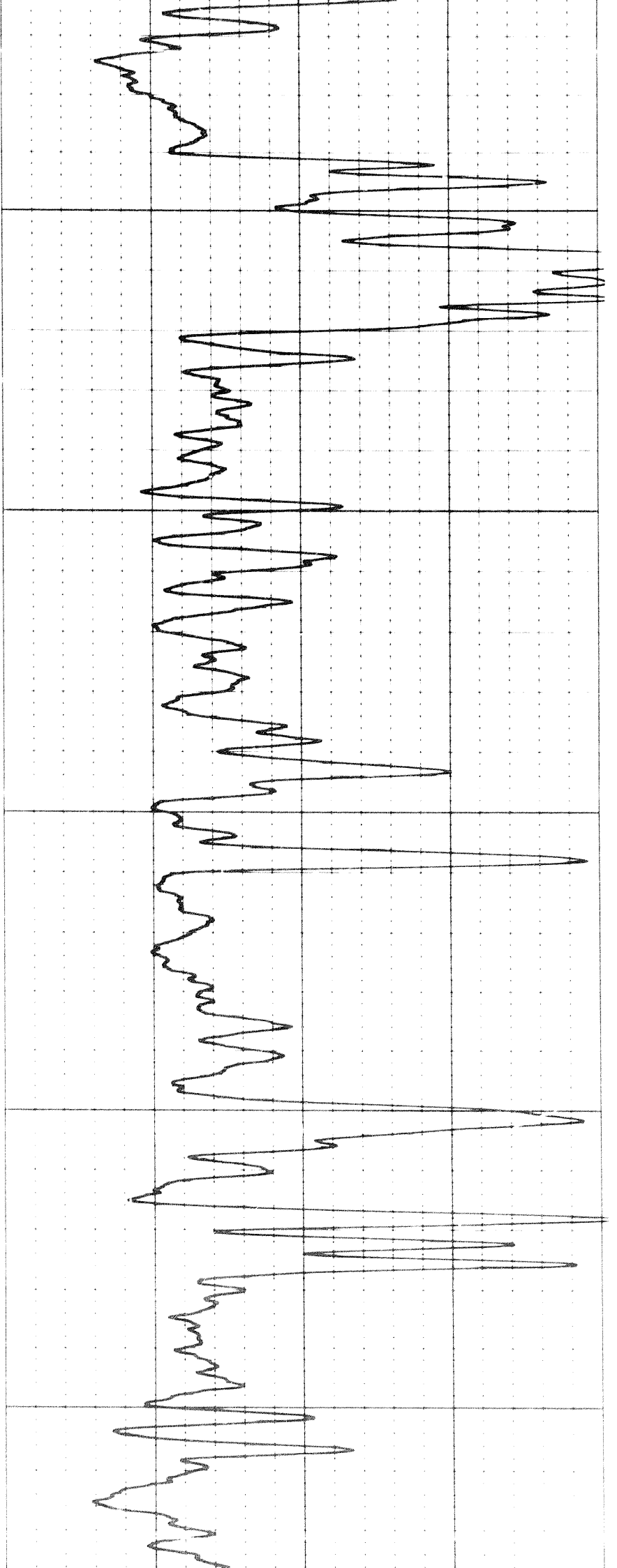
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V₁ V₂

V₃ V₄

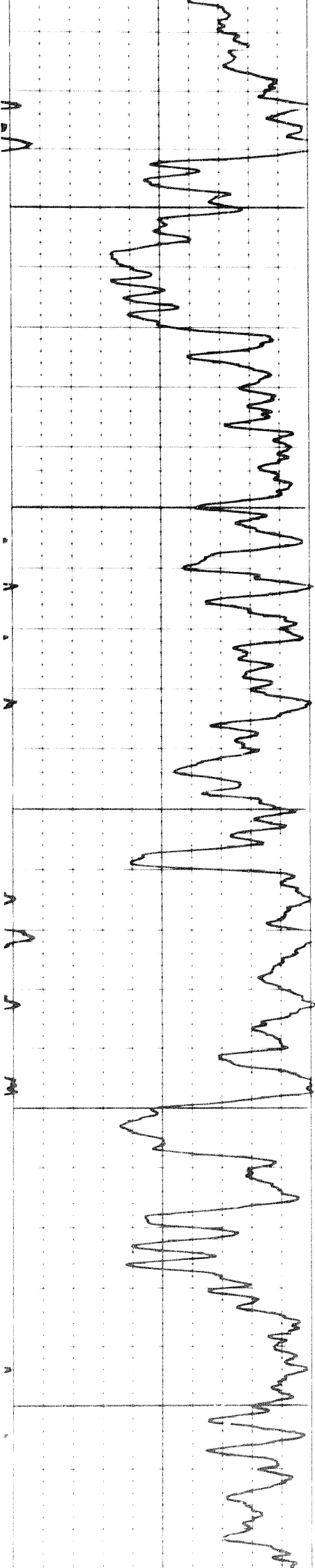
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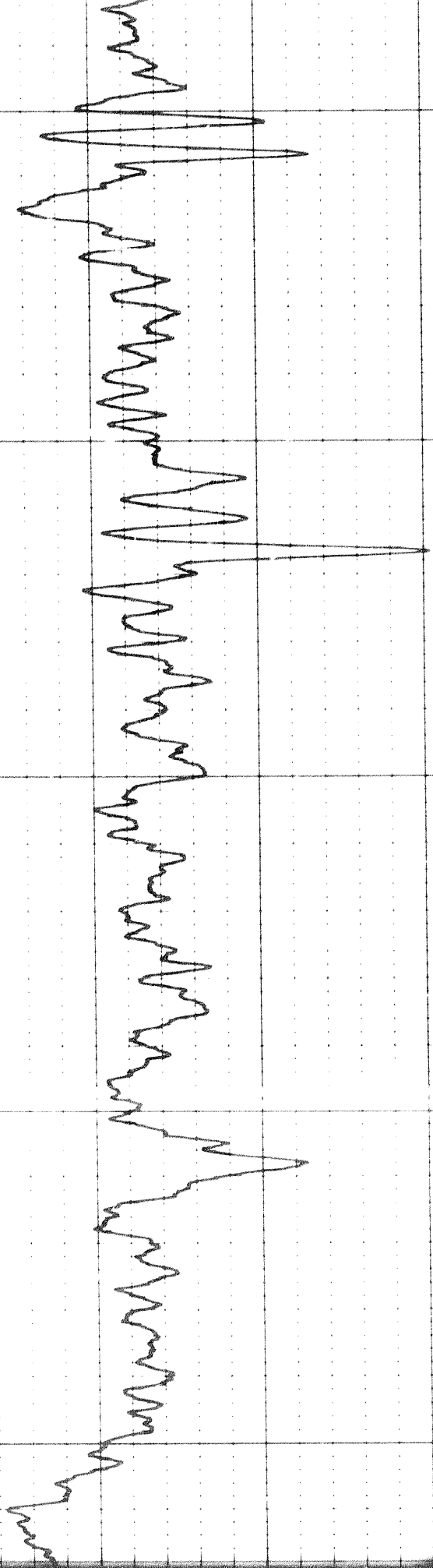


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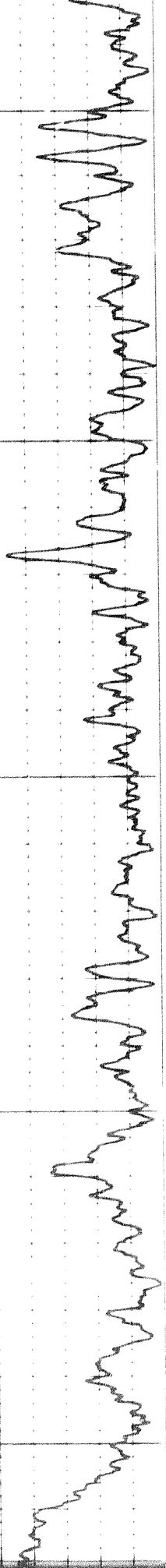


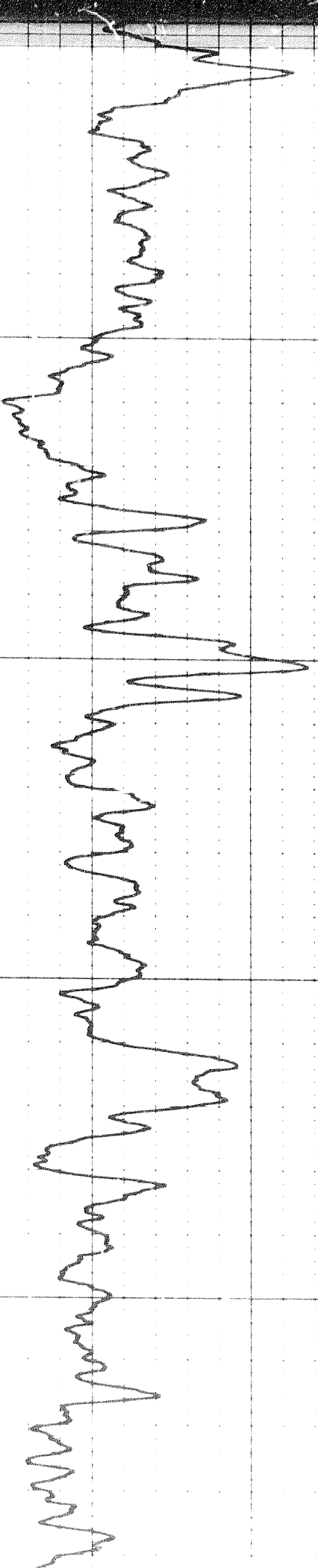


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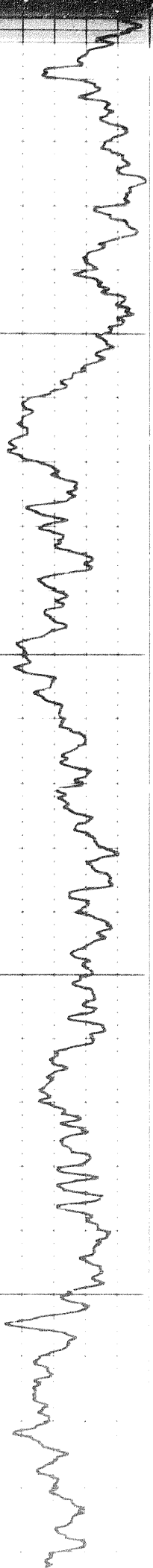
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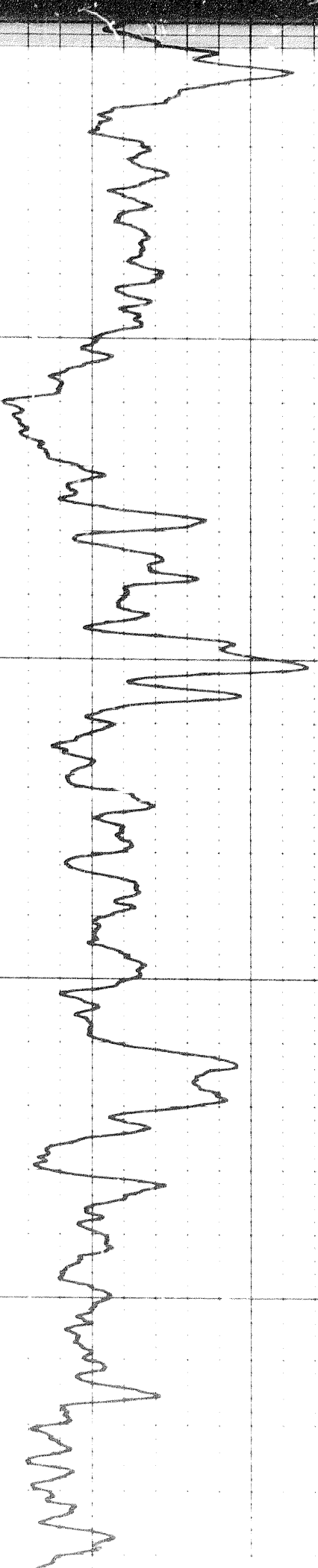




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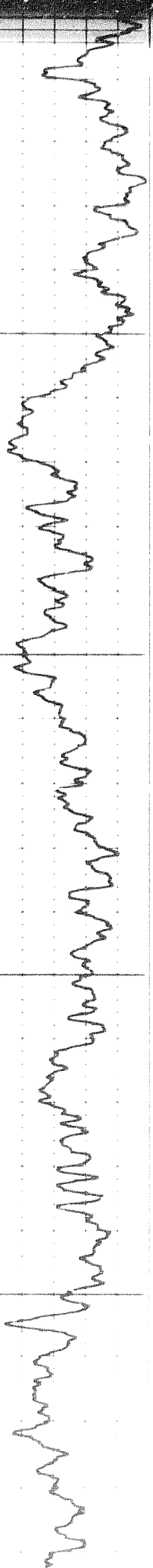
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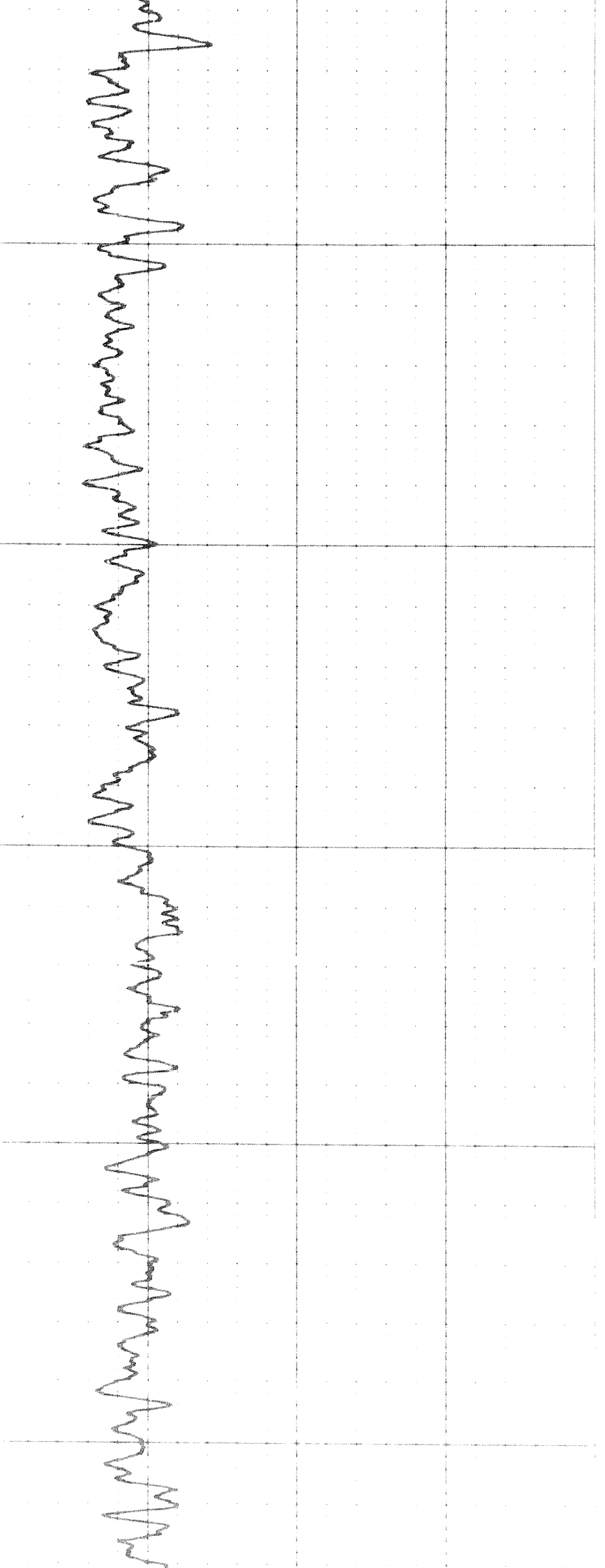




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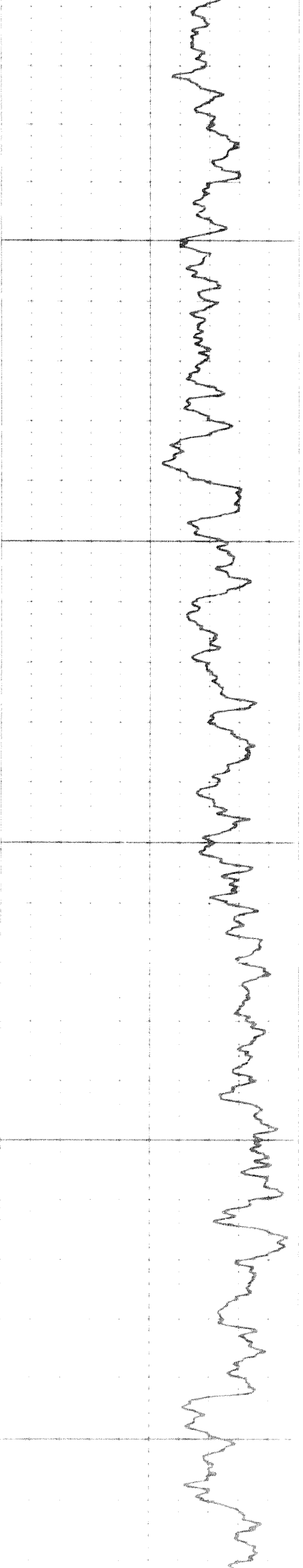




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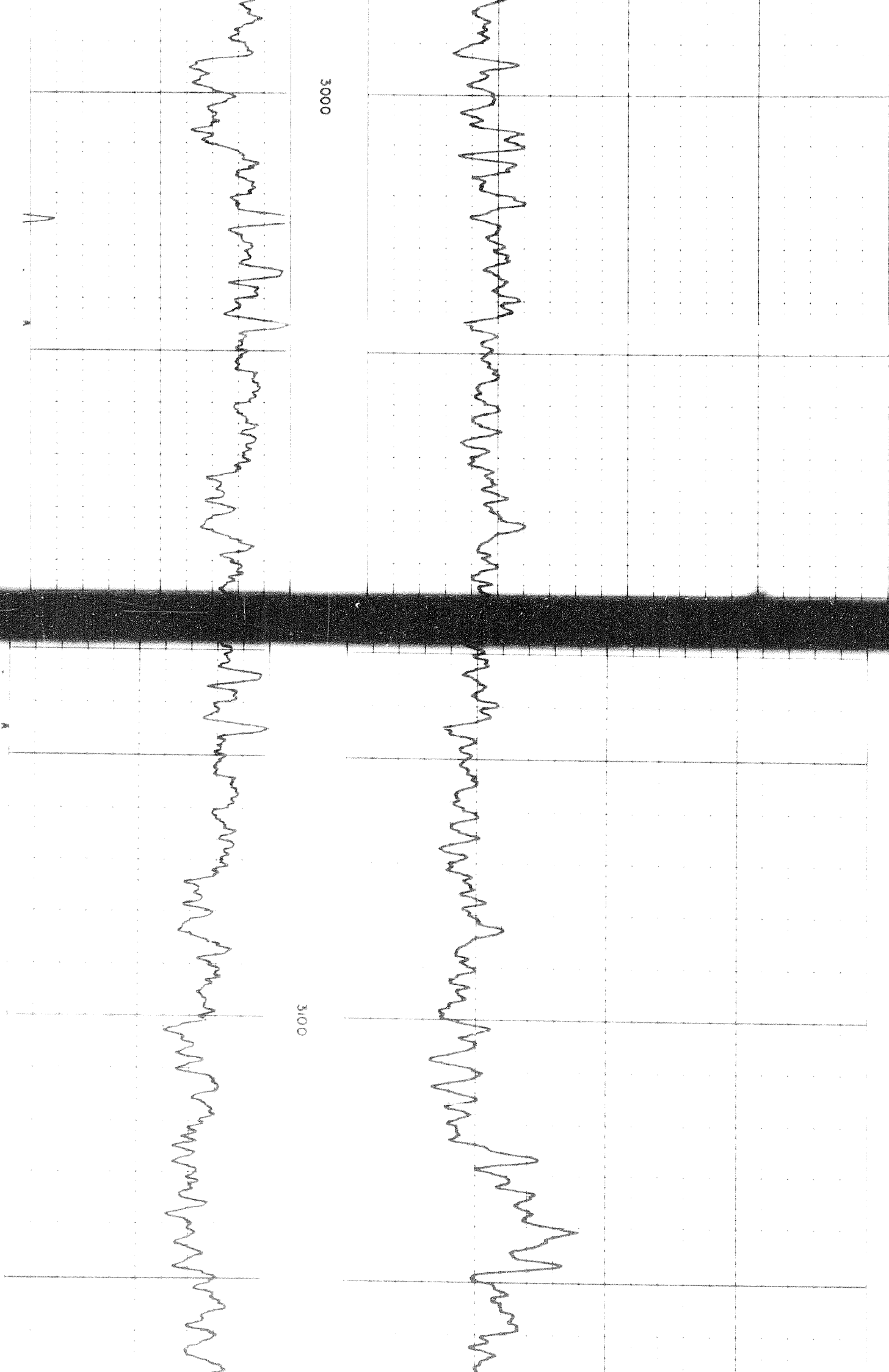
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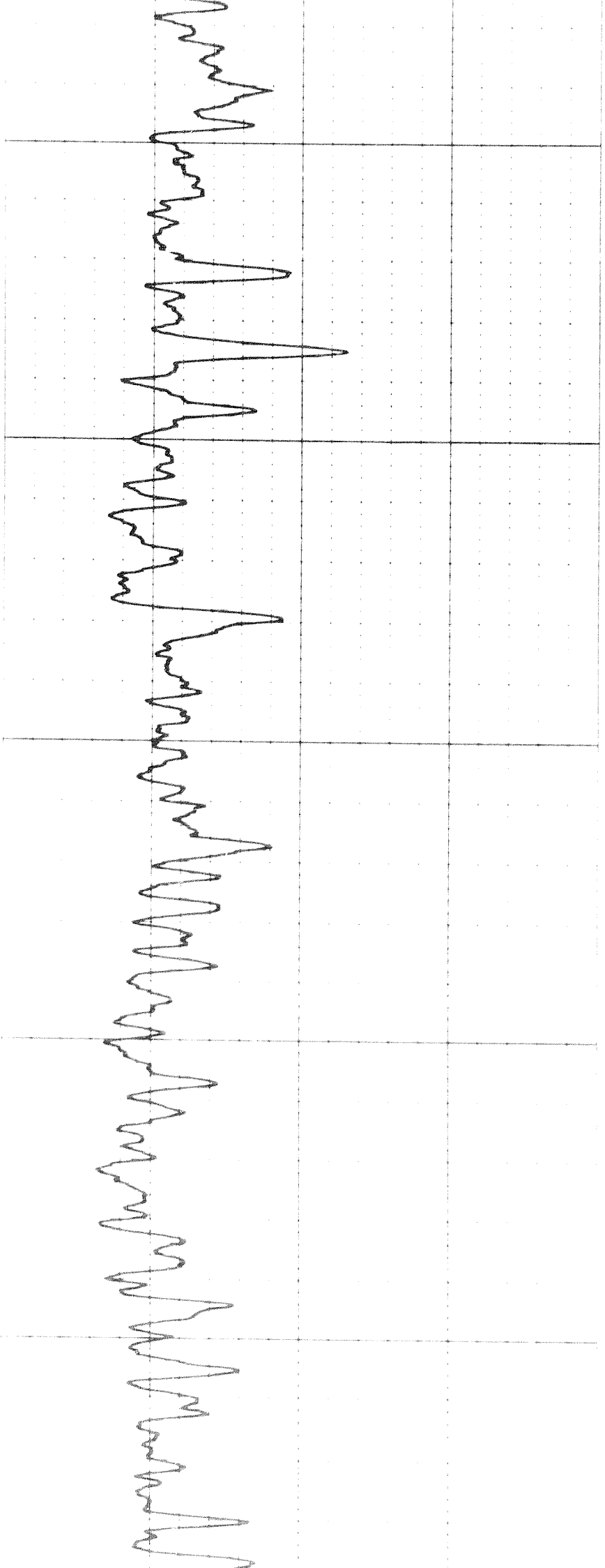


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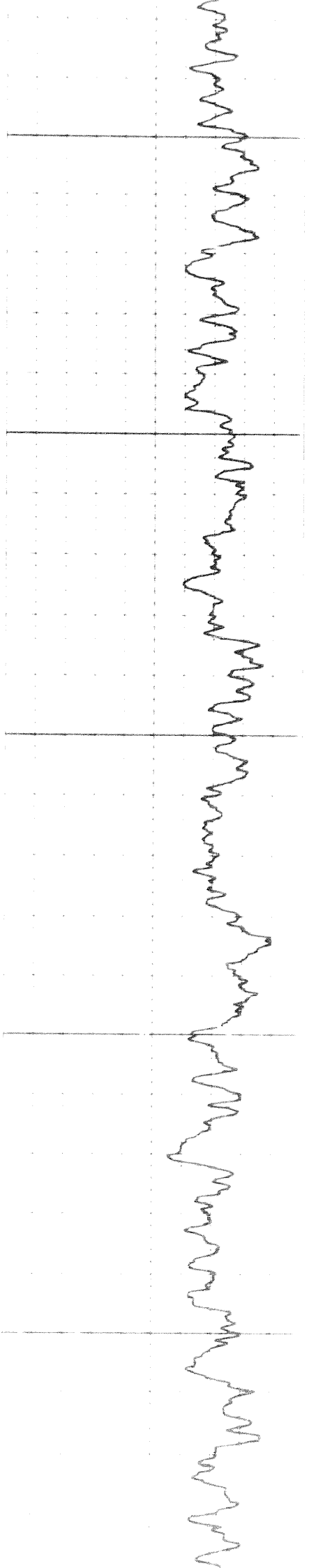
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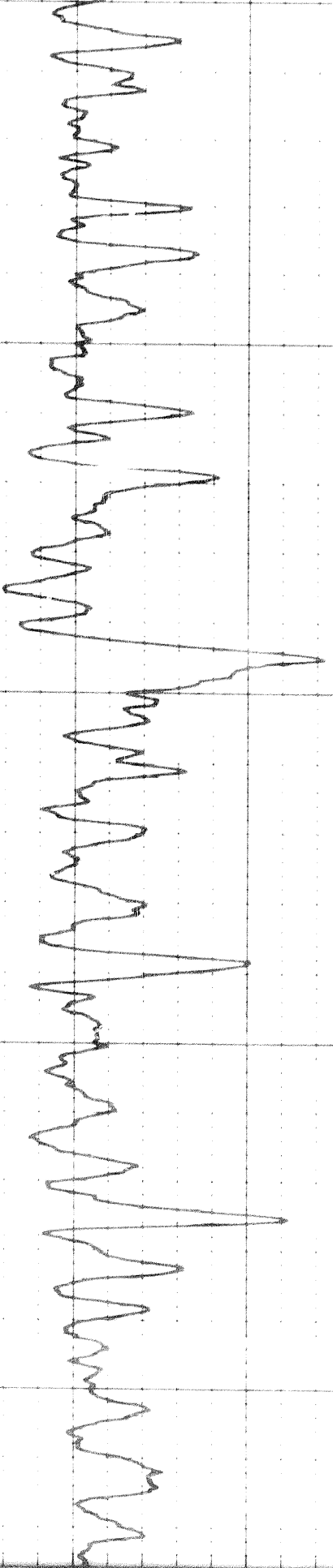




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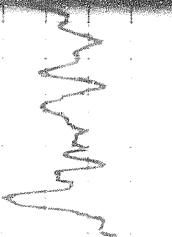
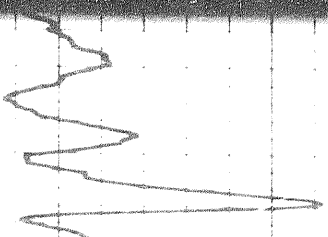
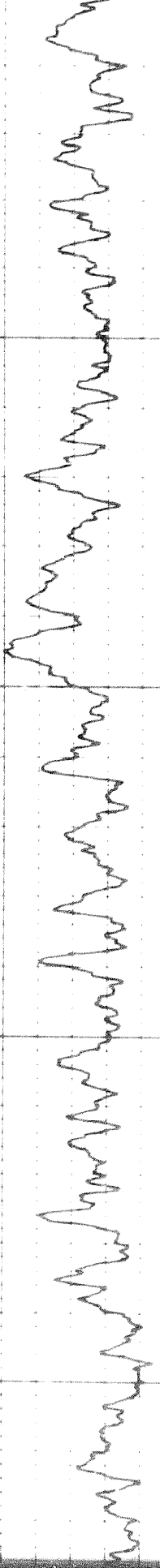


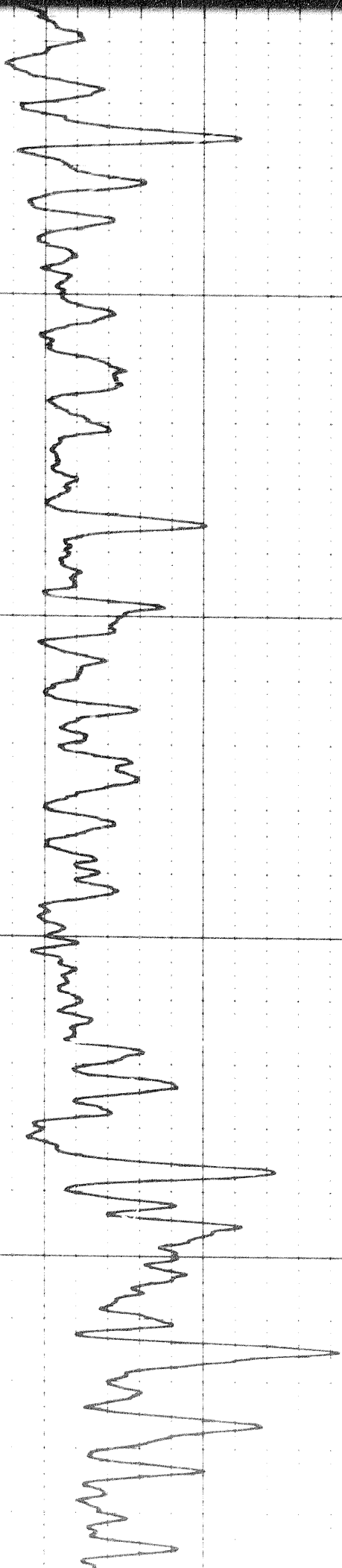
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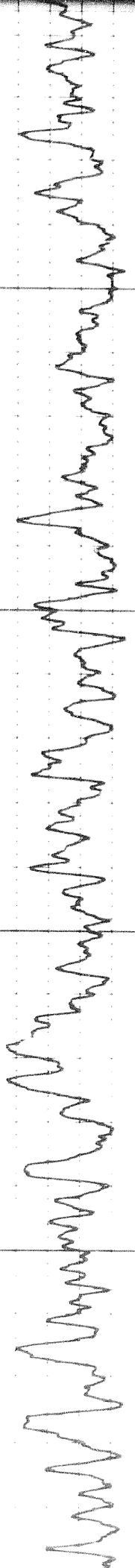
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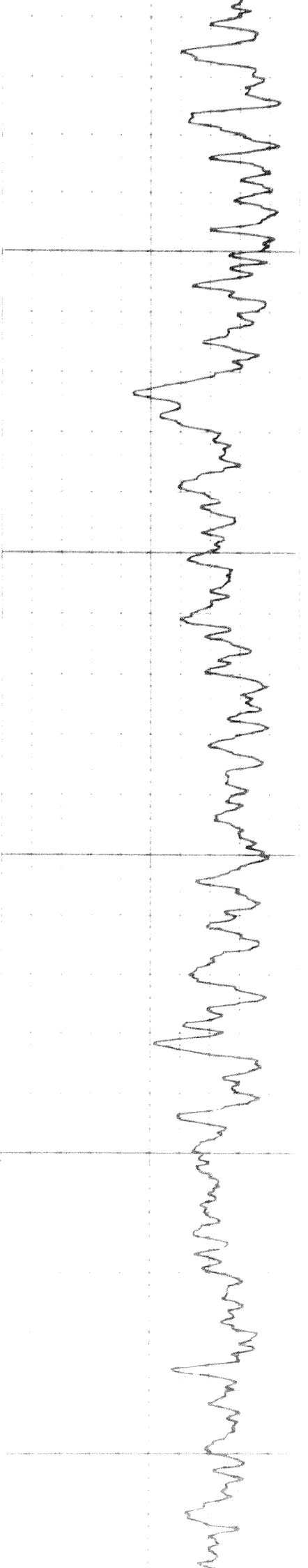
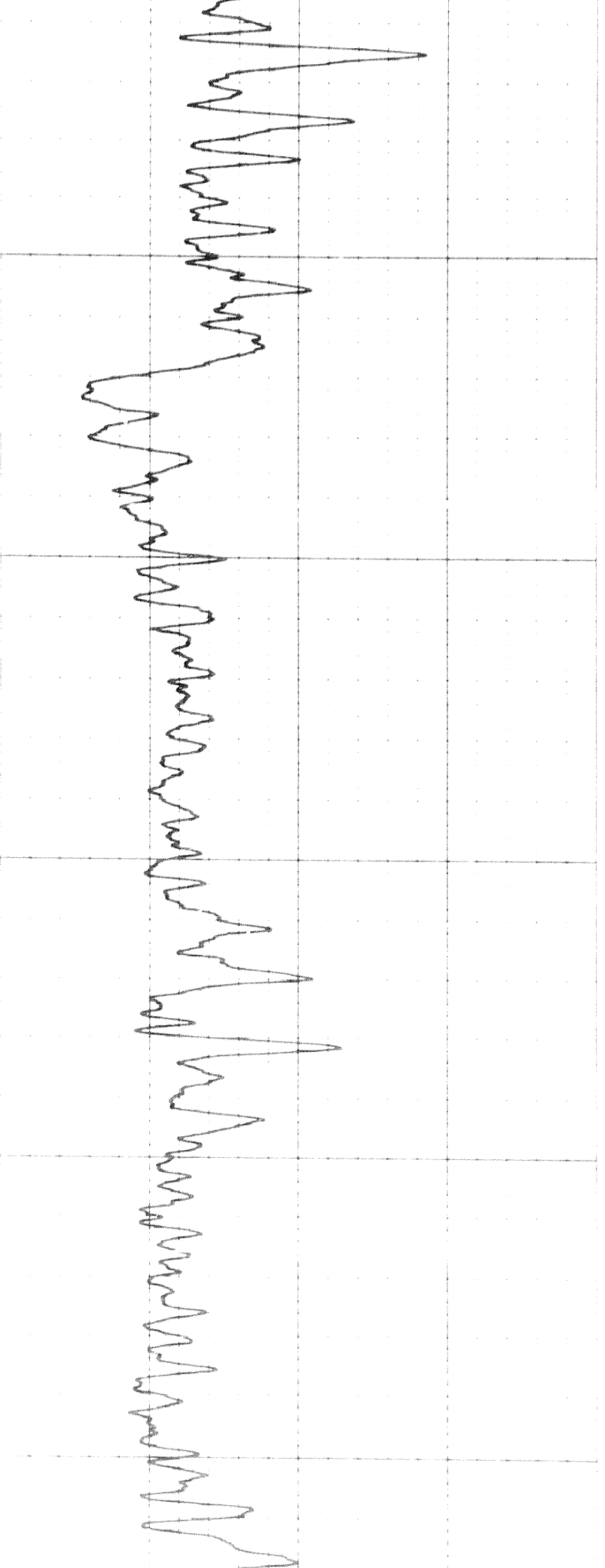


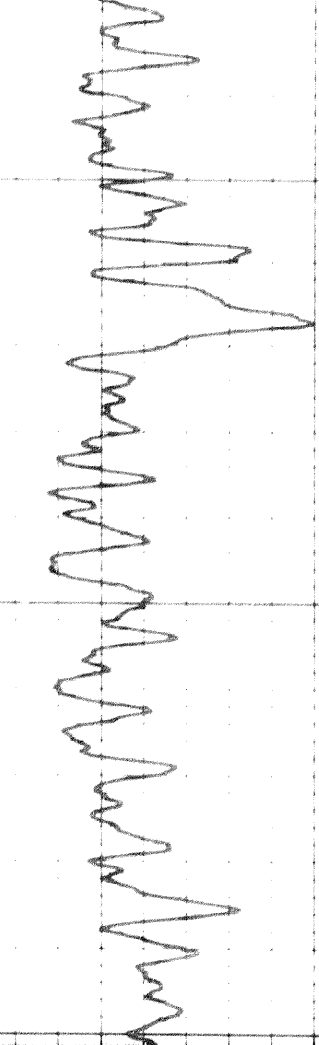


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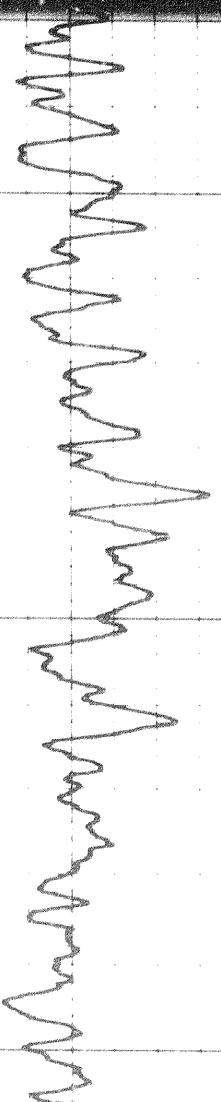
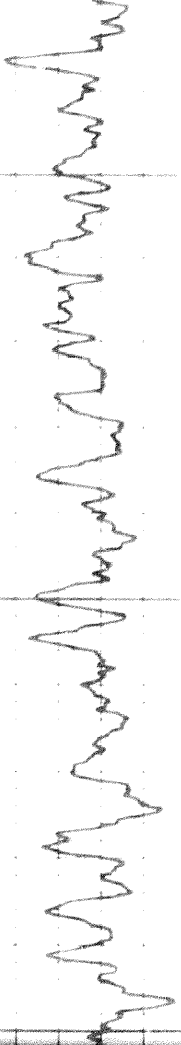
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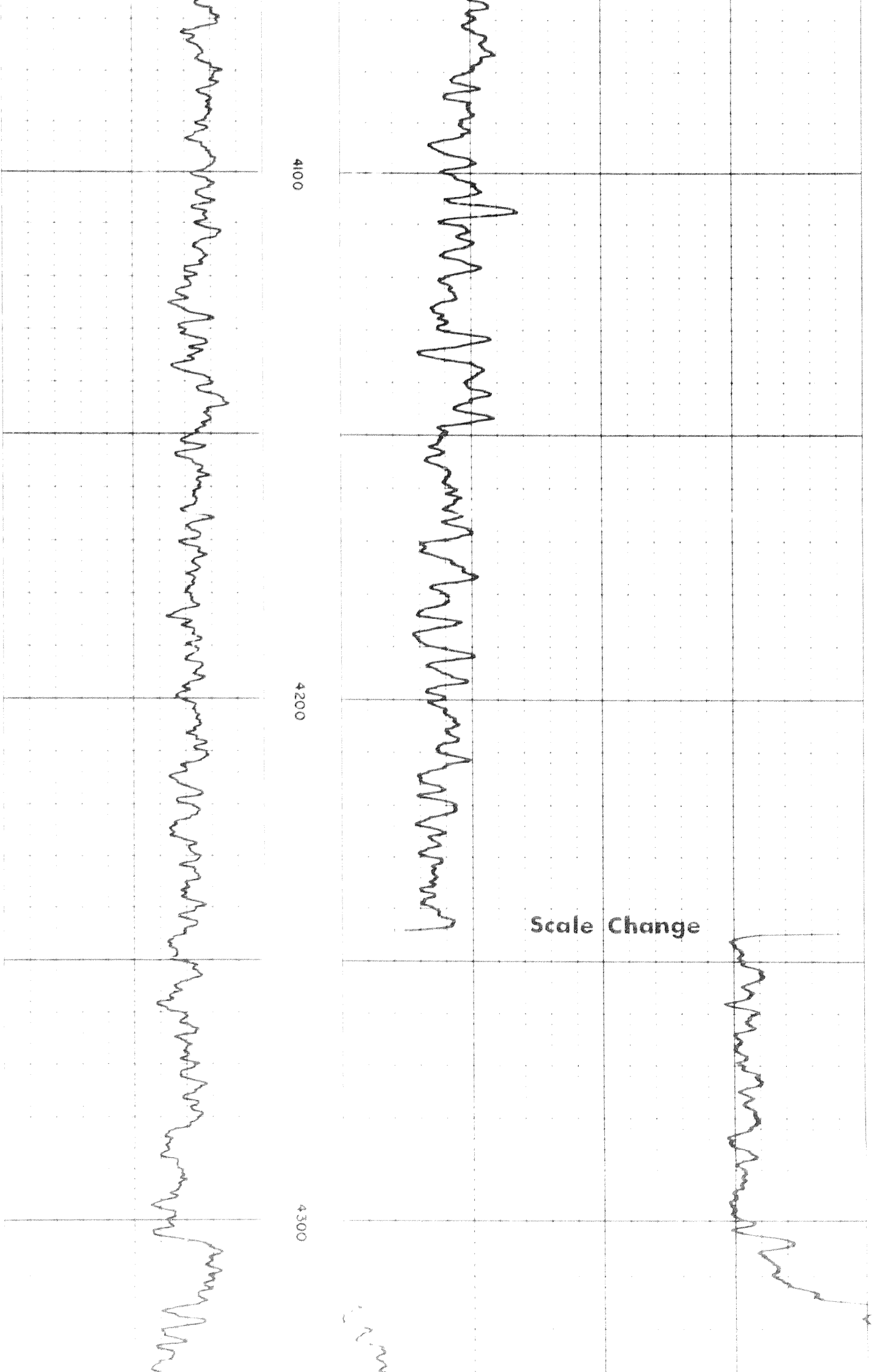


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4000



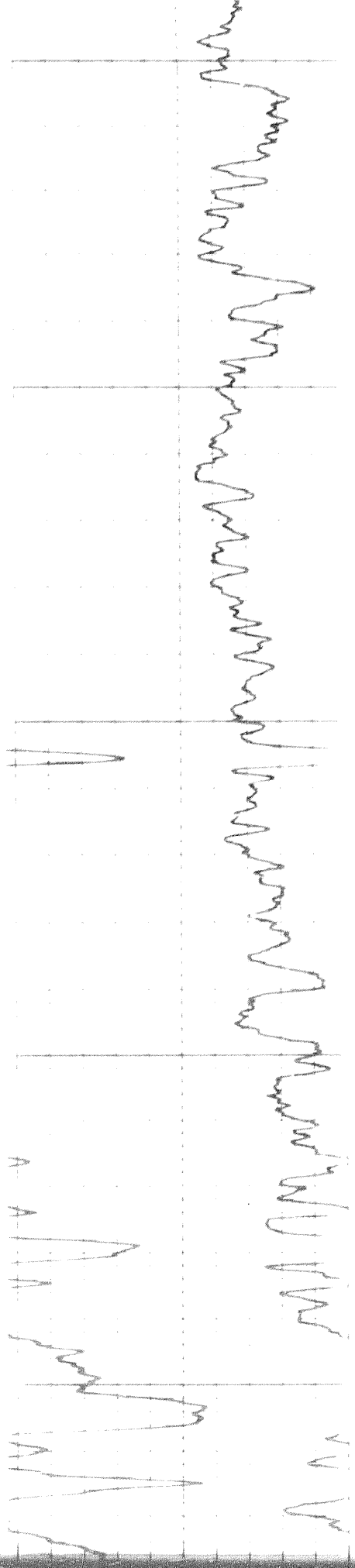
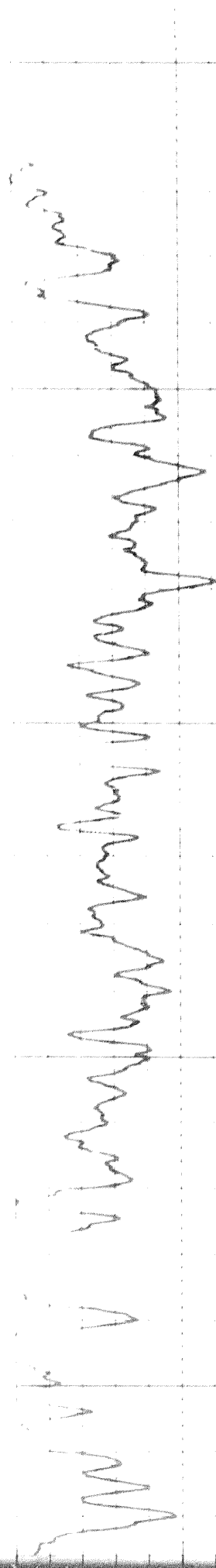
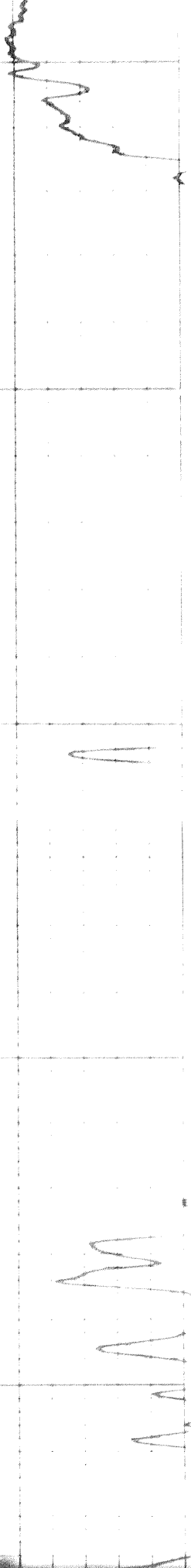


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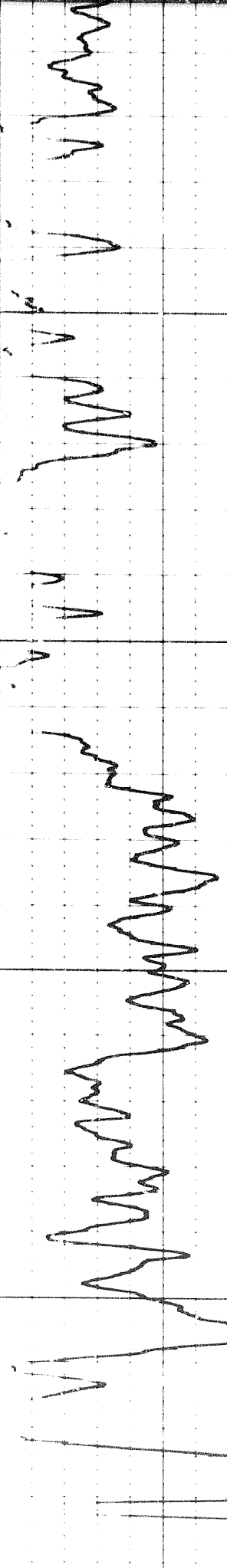
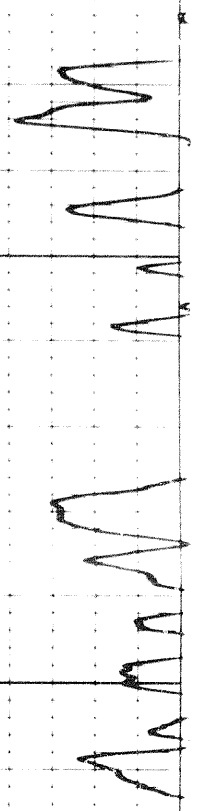
Scale Change



4300

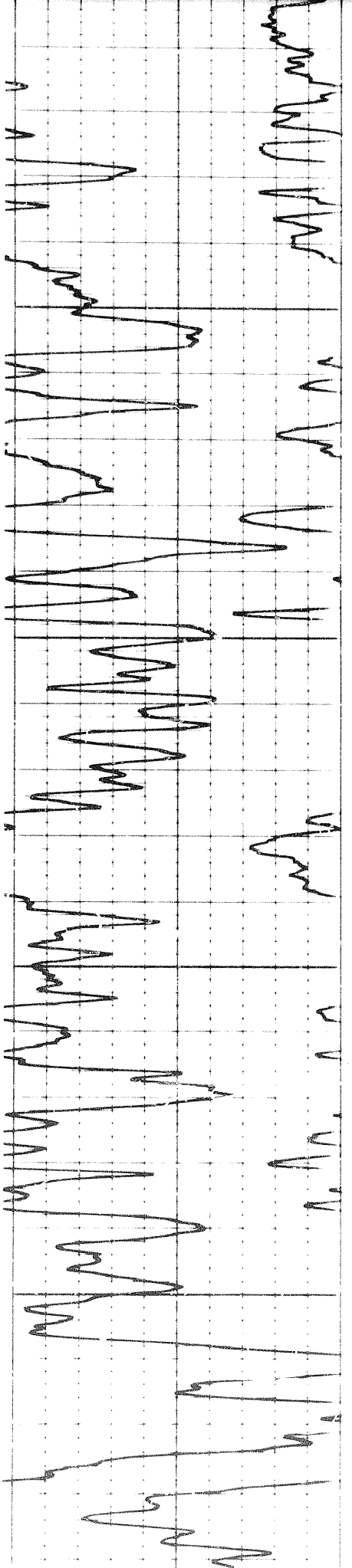
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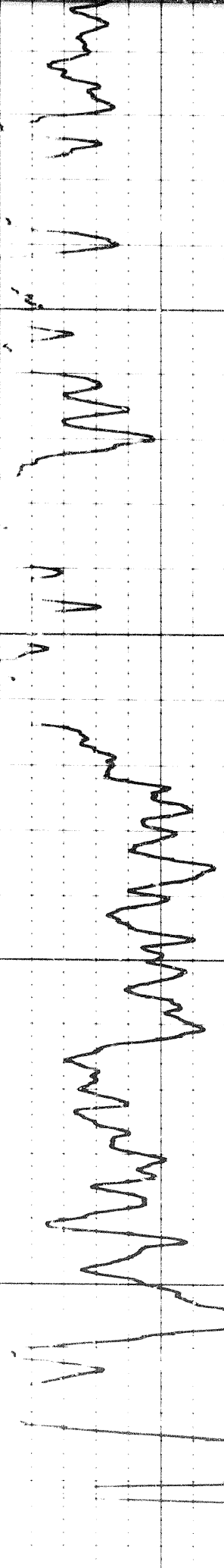
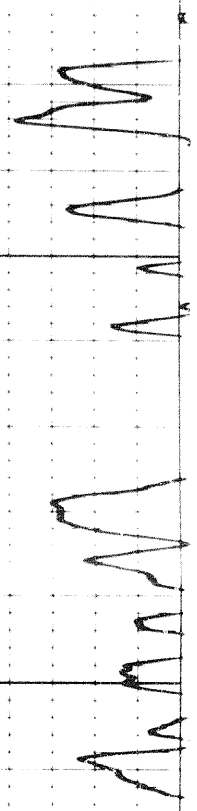
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4500

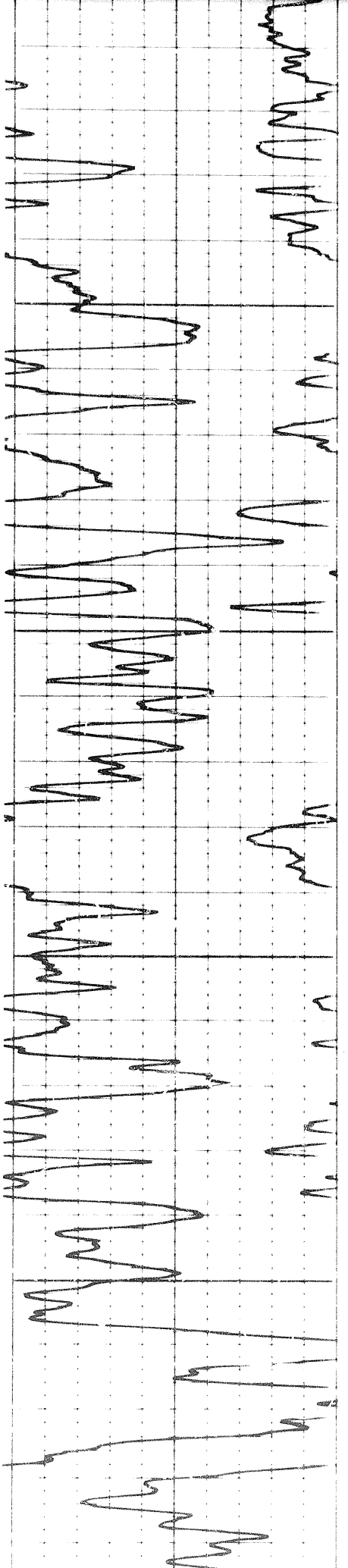
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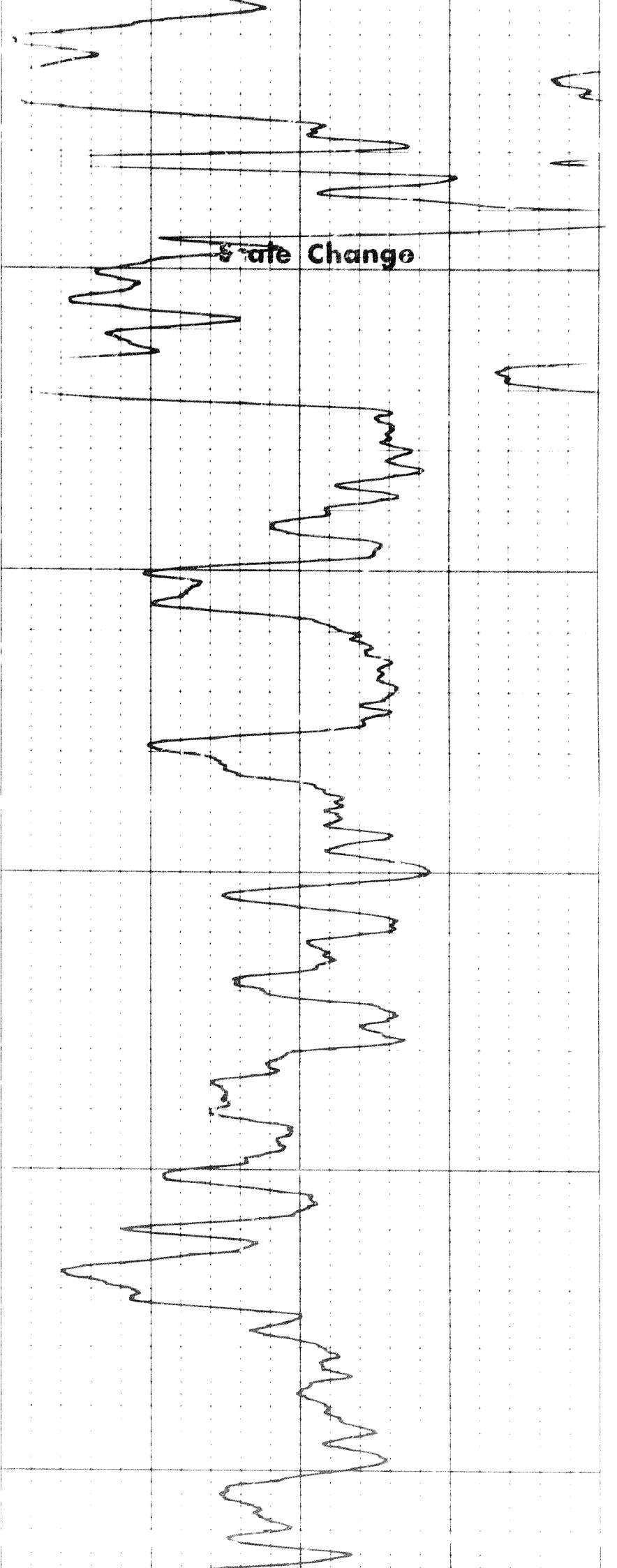




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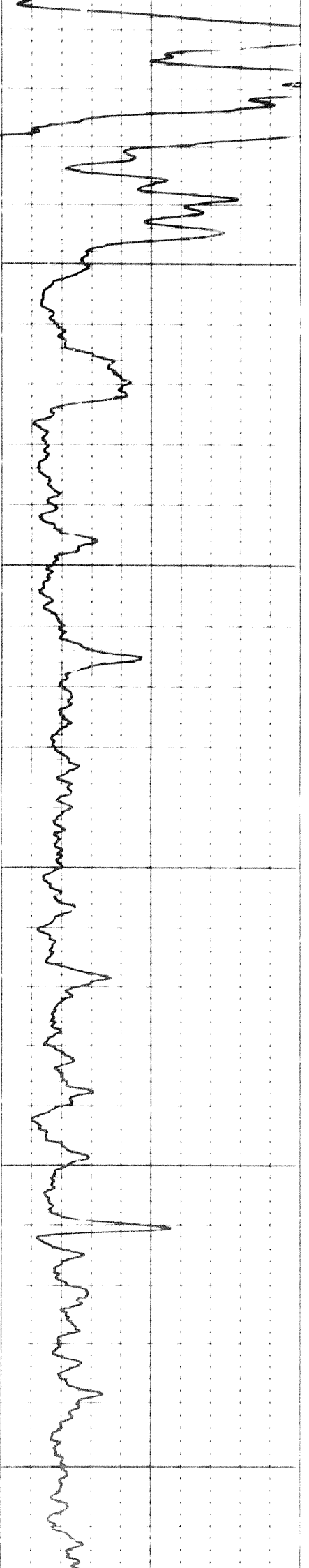


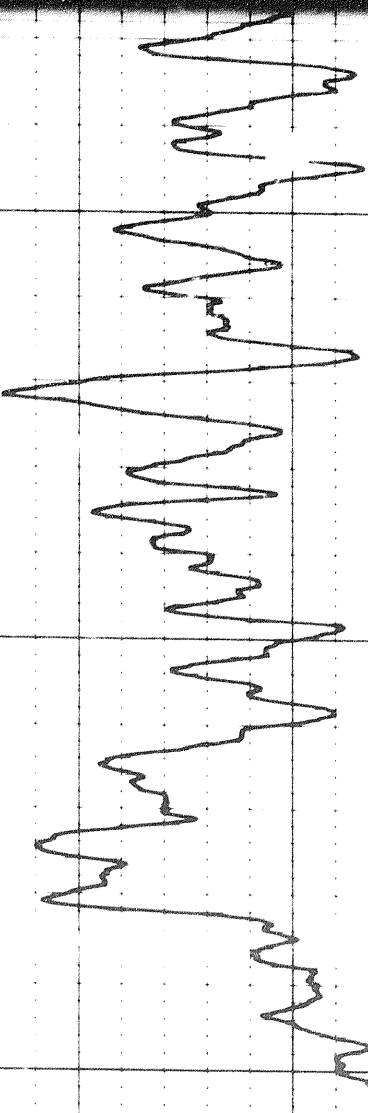
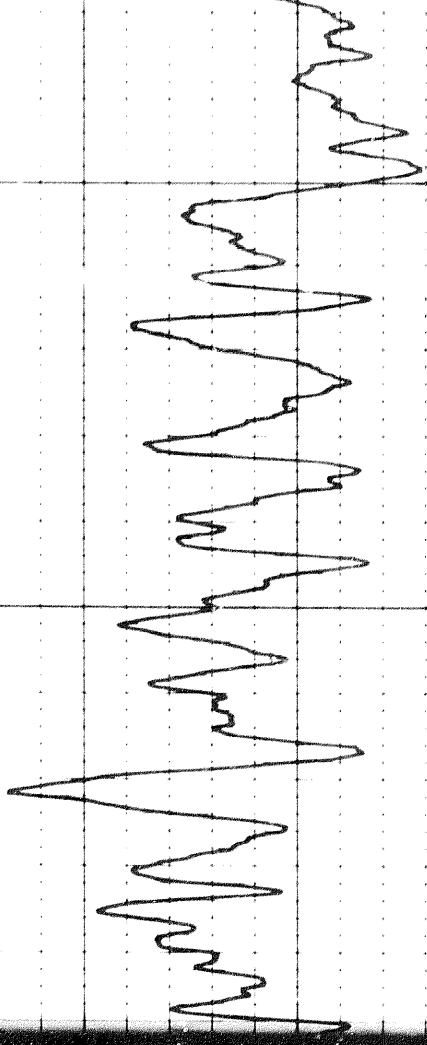


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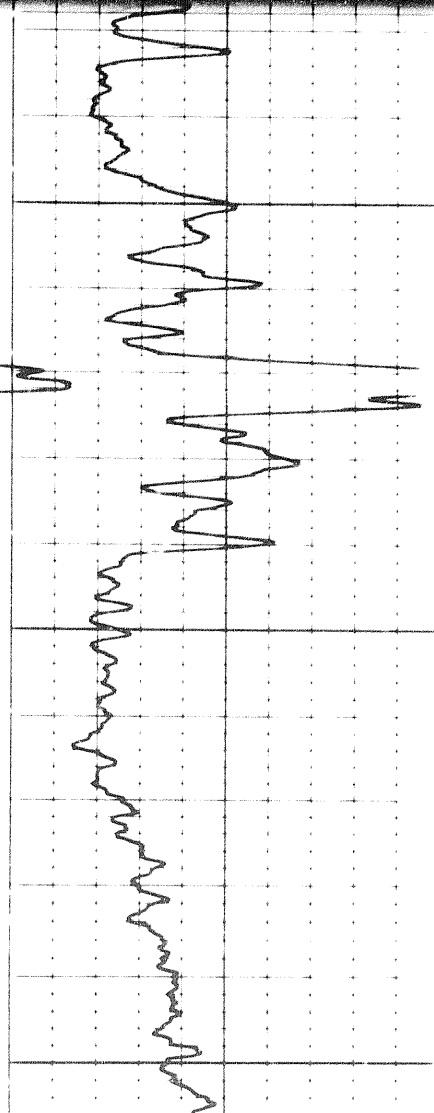
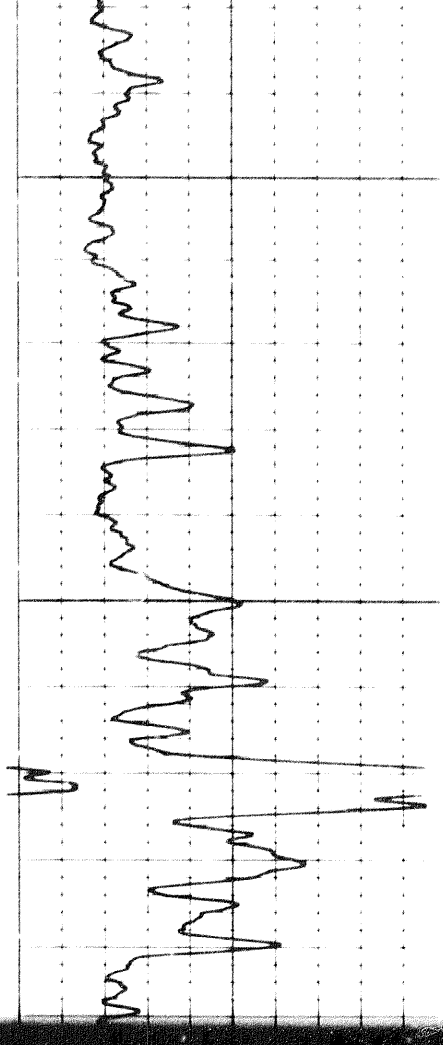




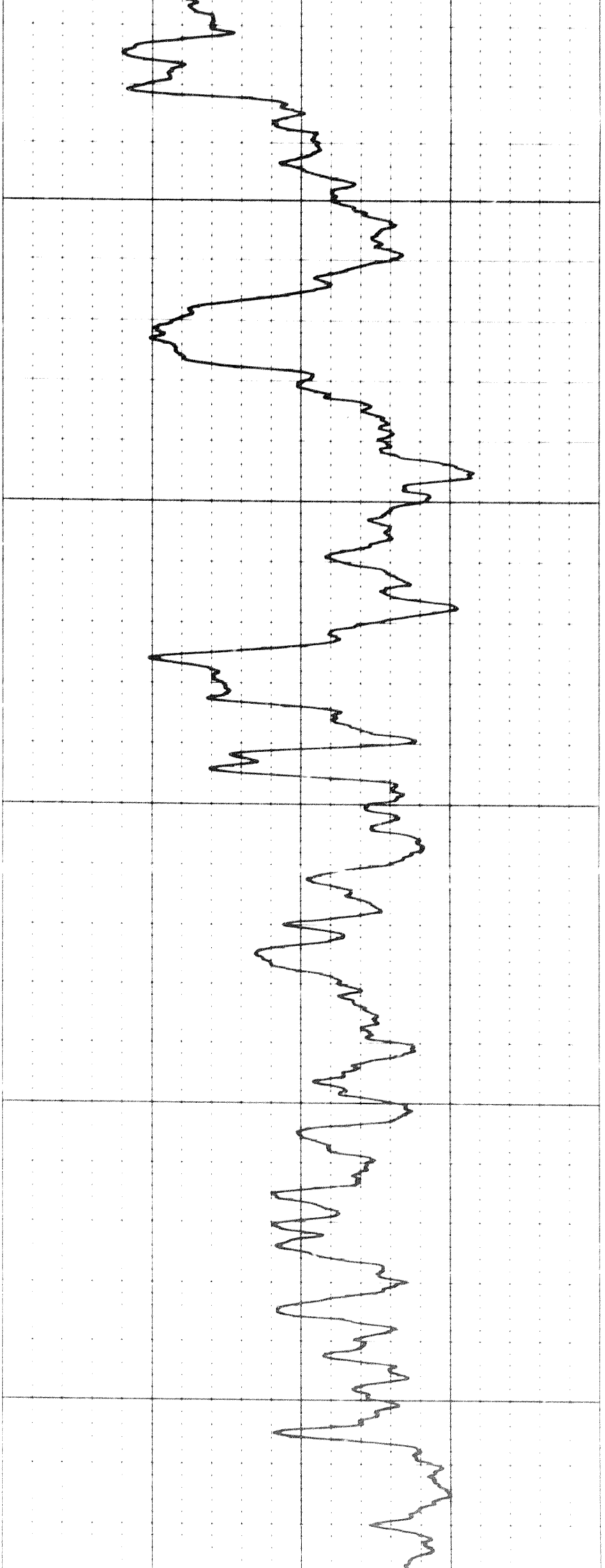
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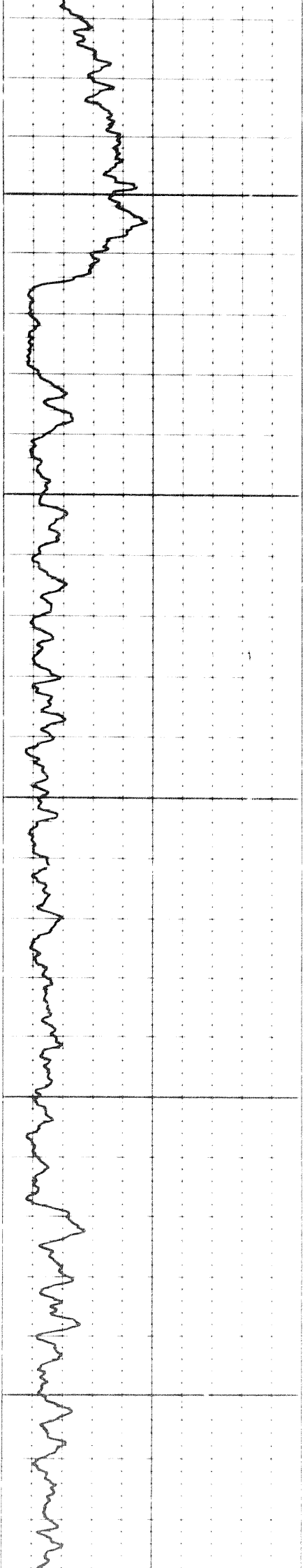


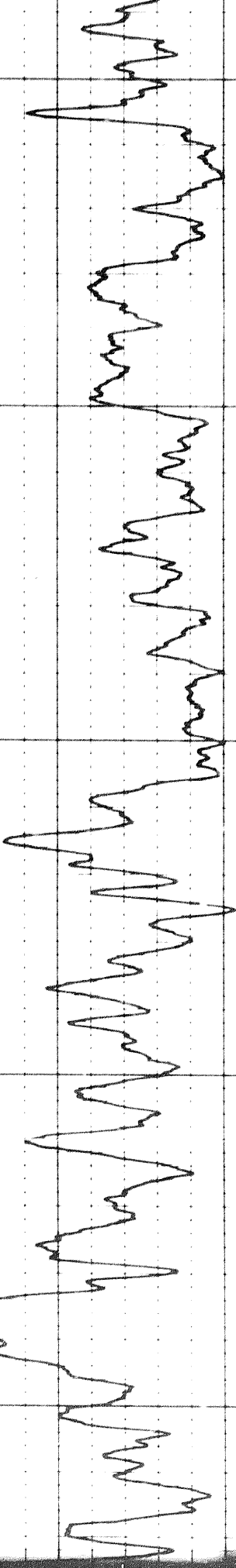
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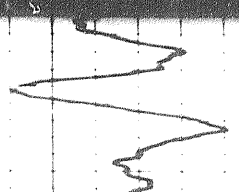
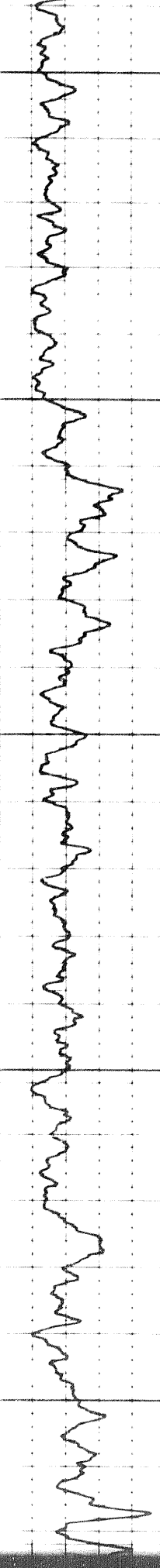
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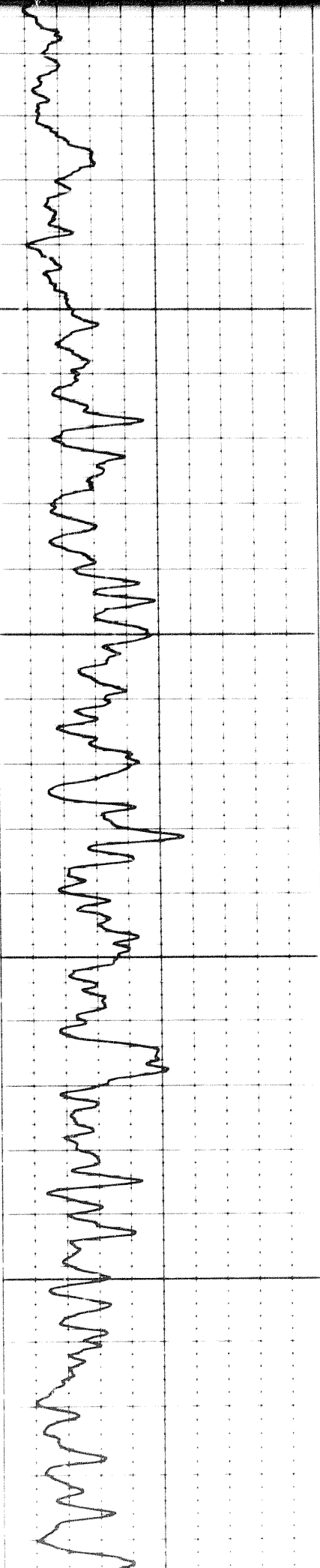


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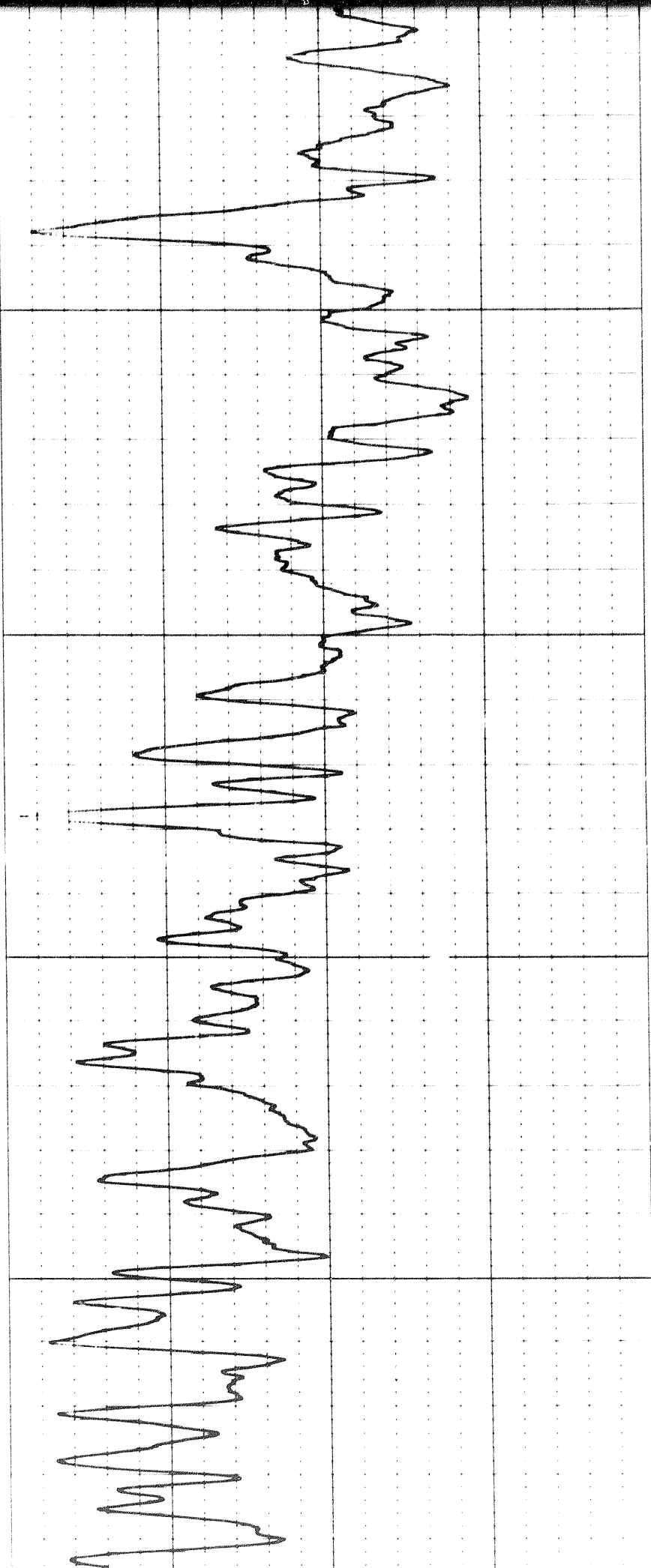


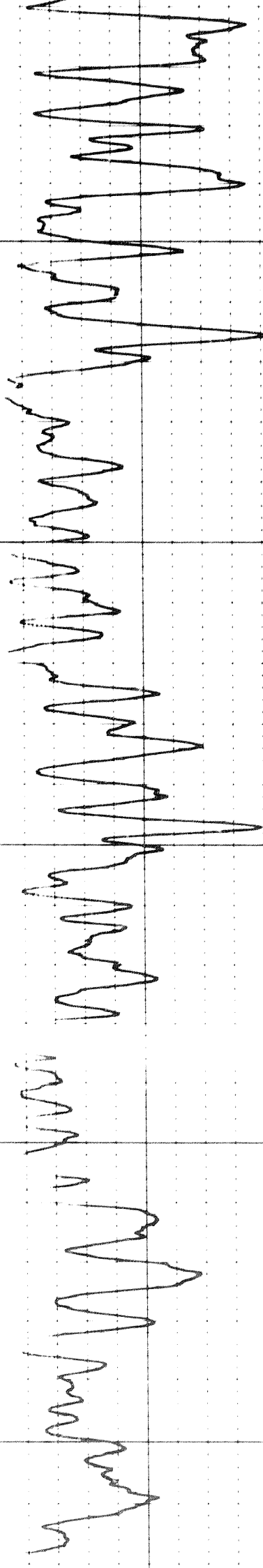
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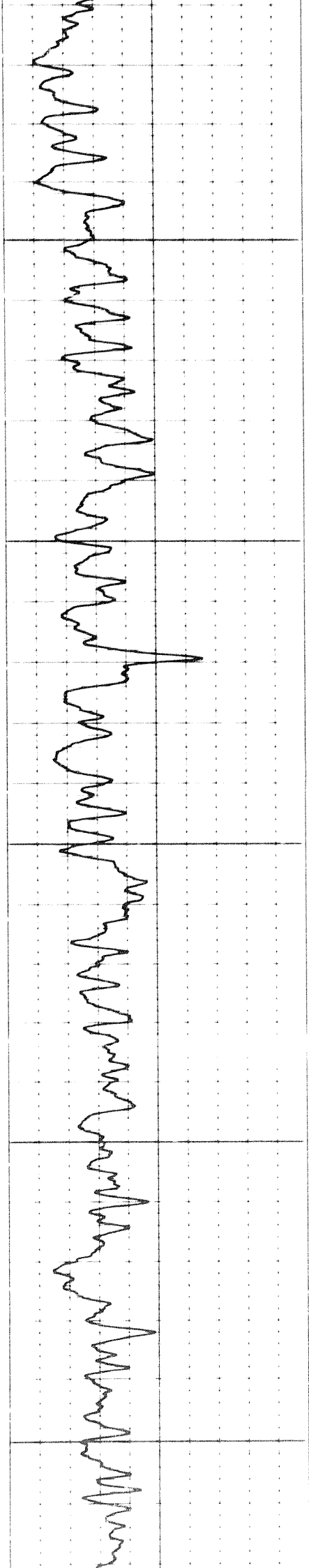
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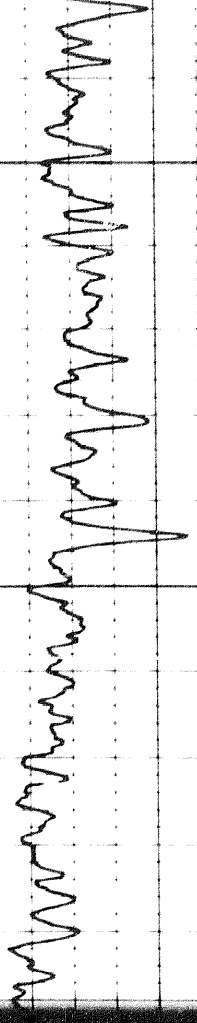


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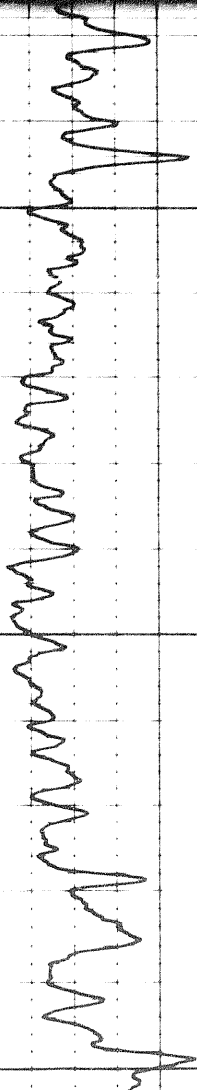
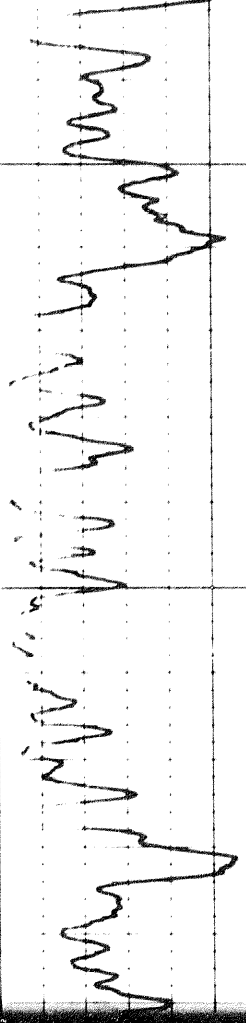
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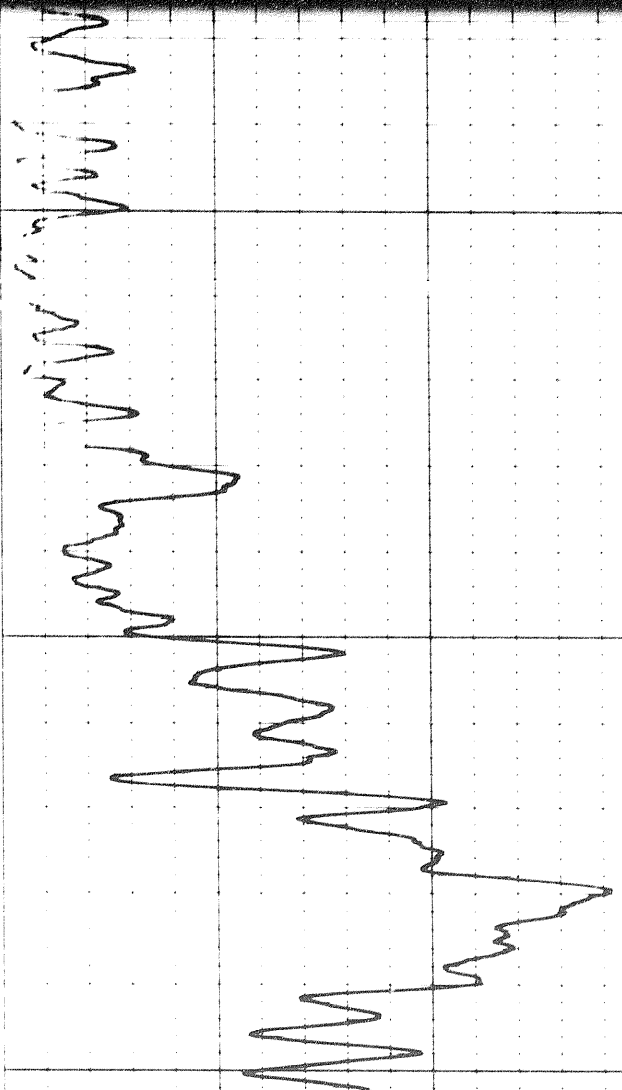
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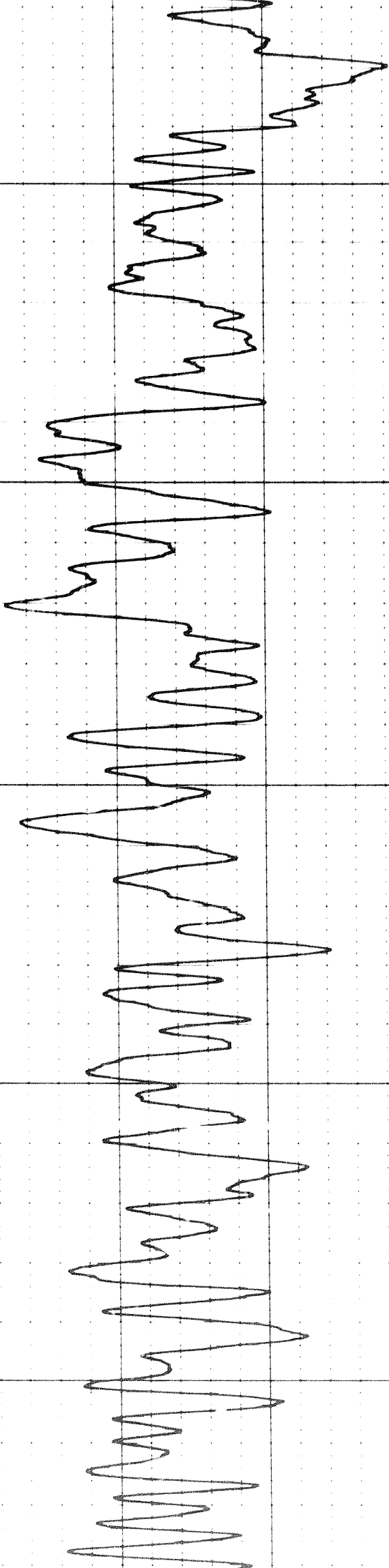


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5900

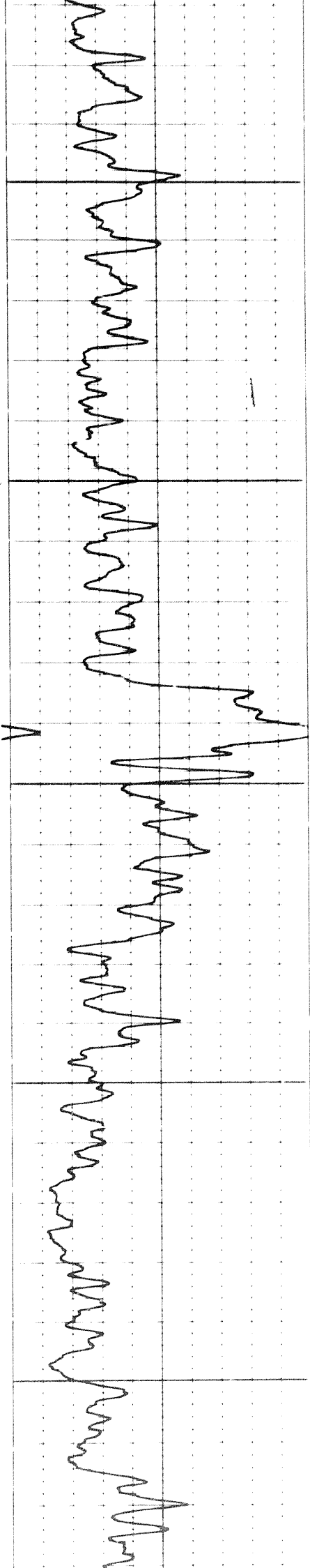


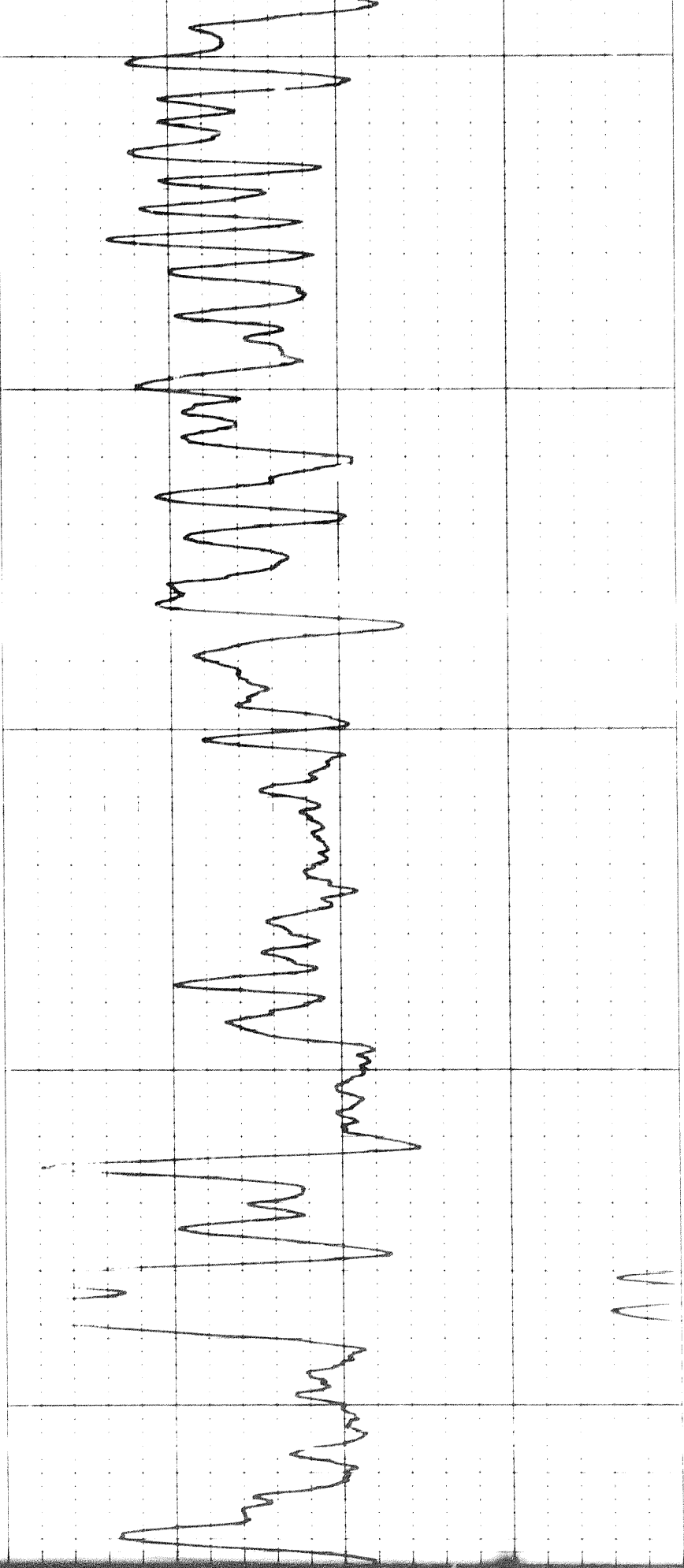


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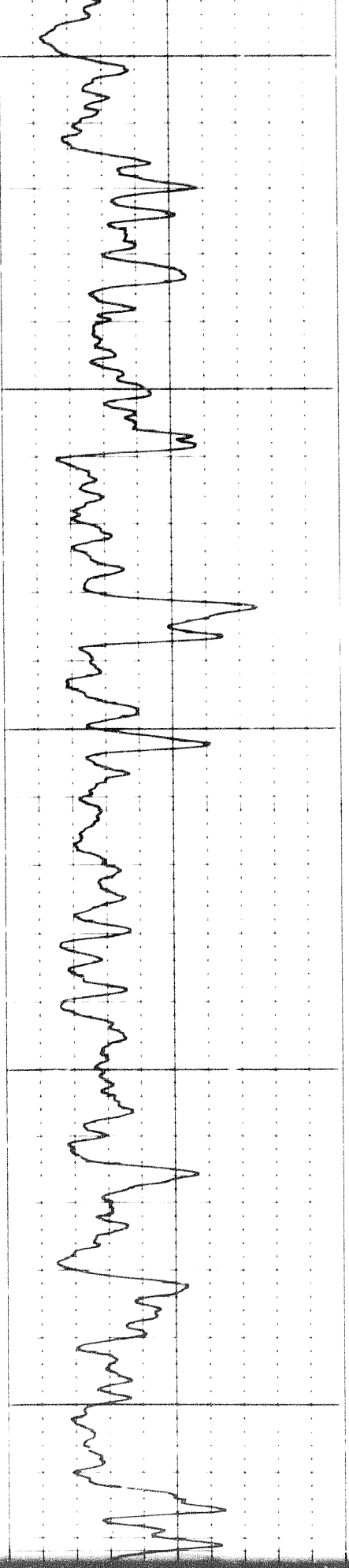




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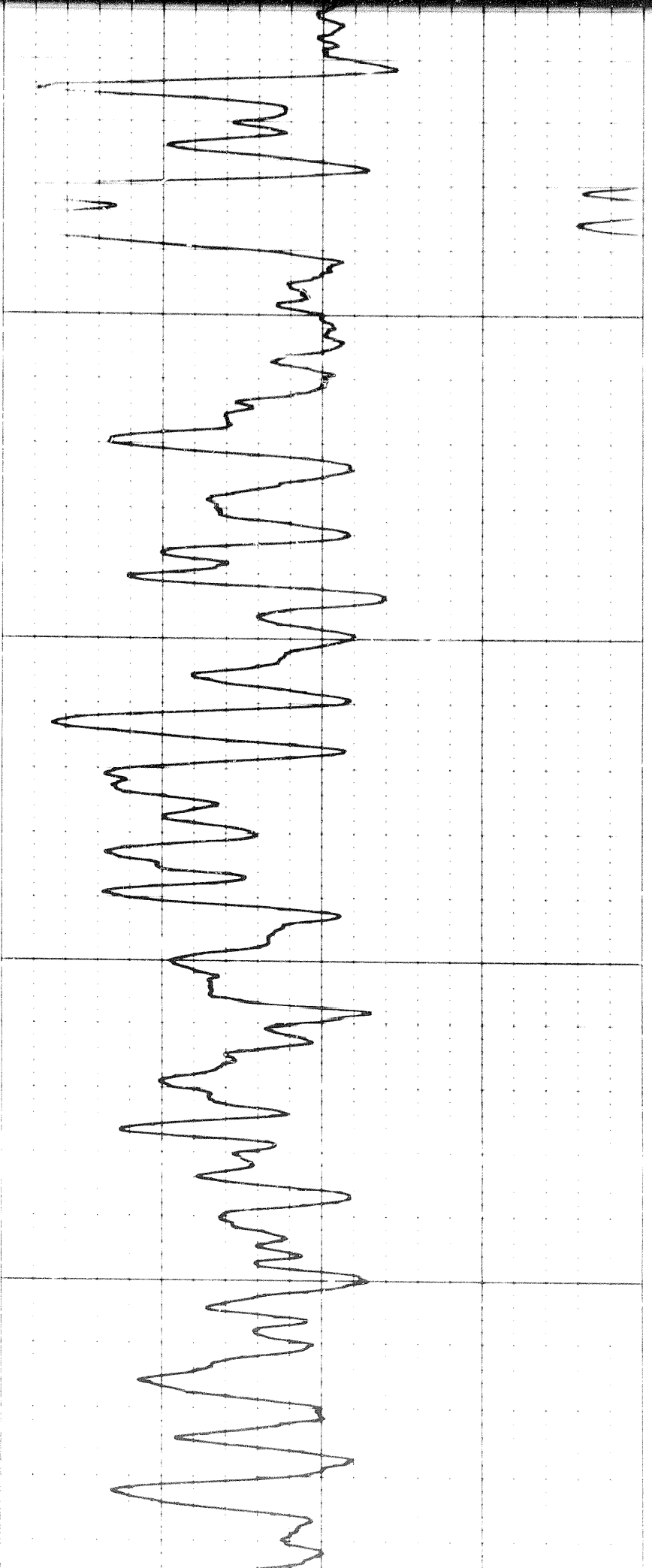
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6400



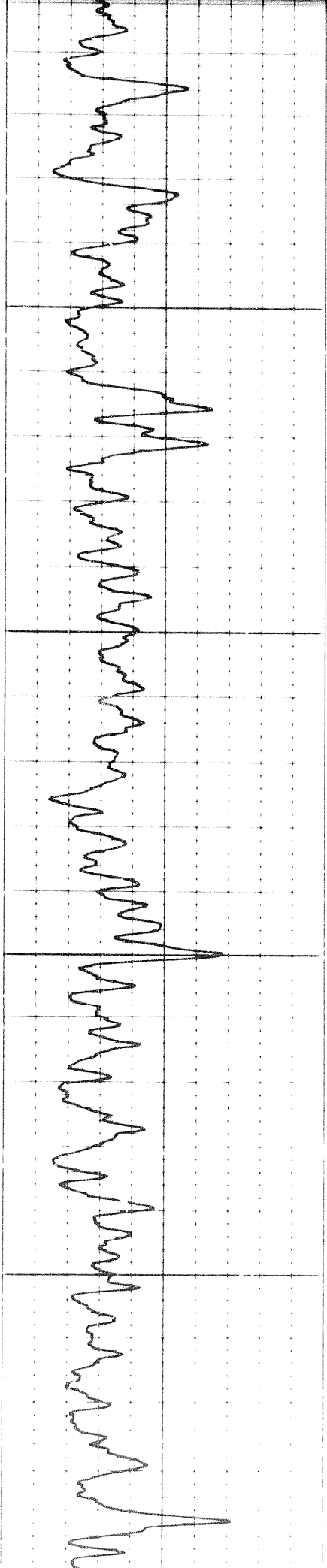
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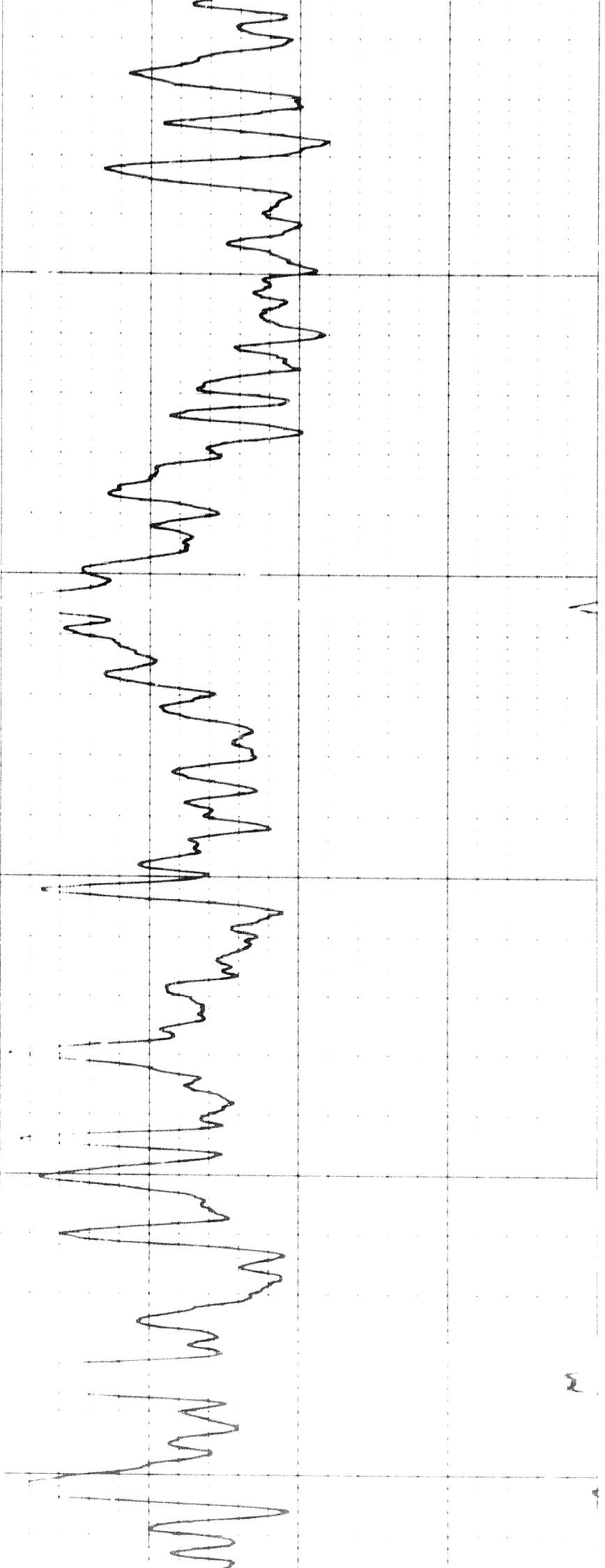
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6400

6500

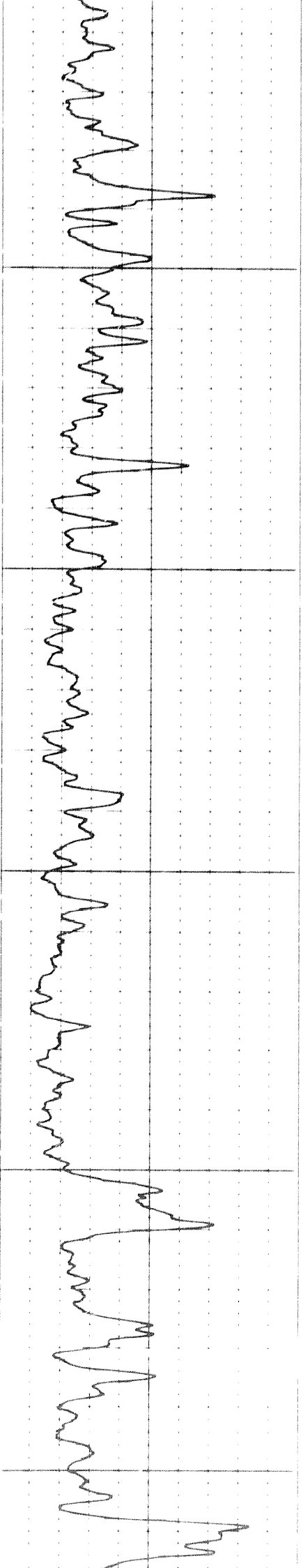




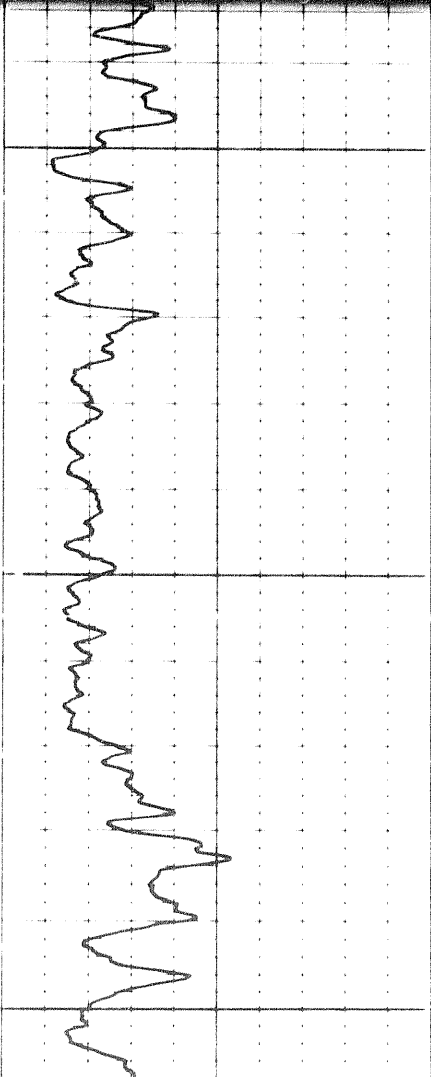
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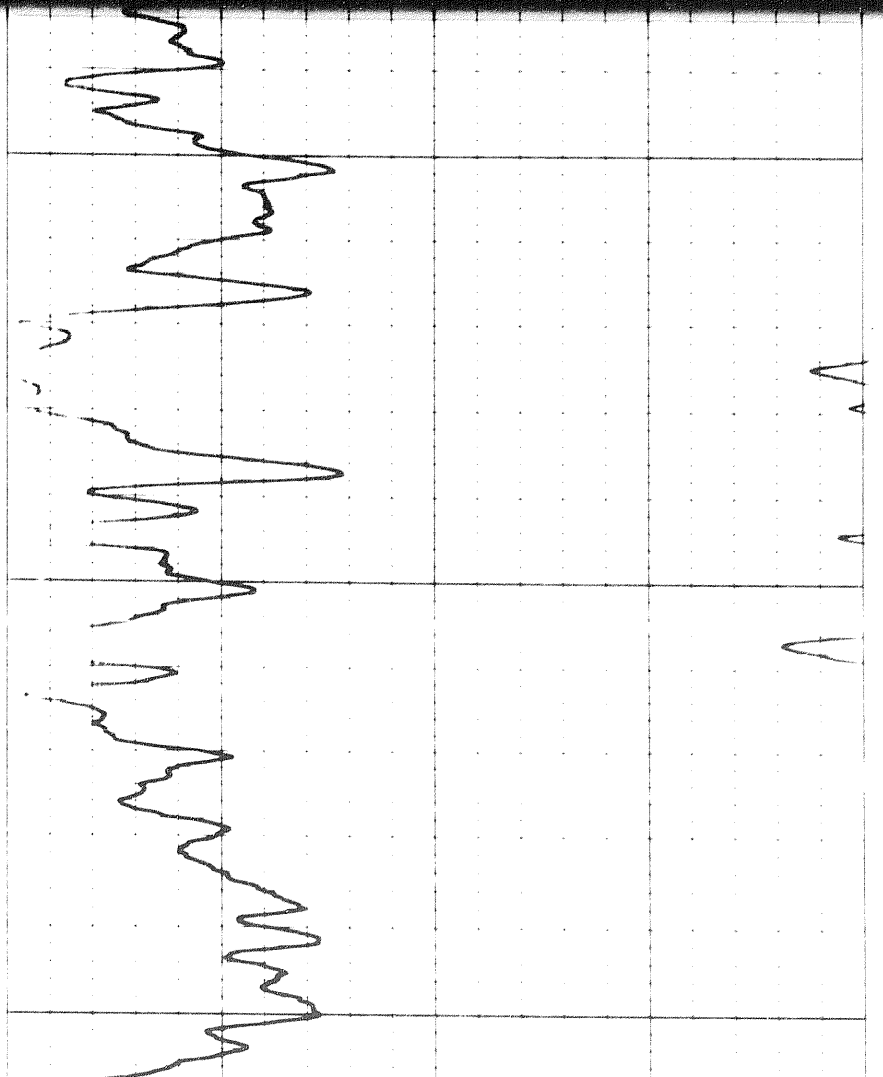
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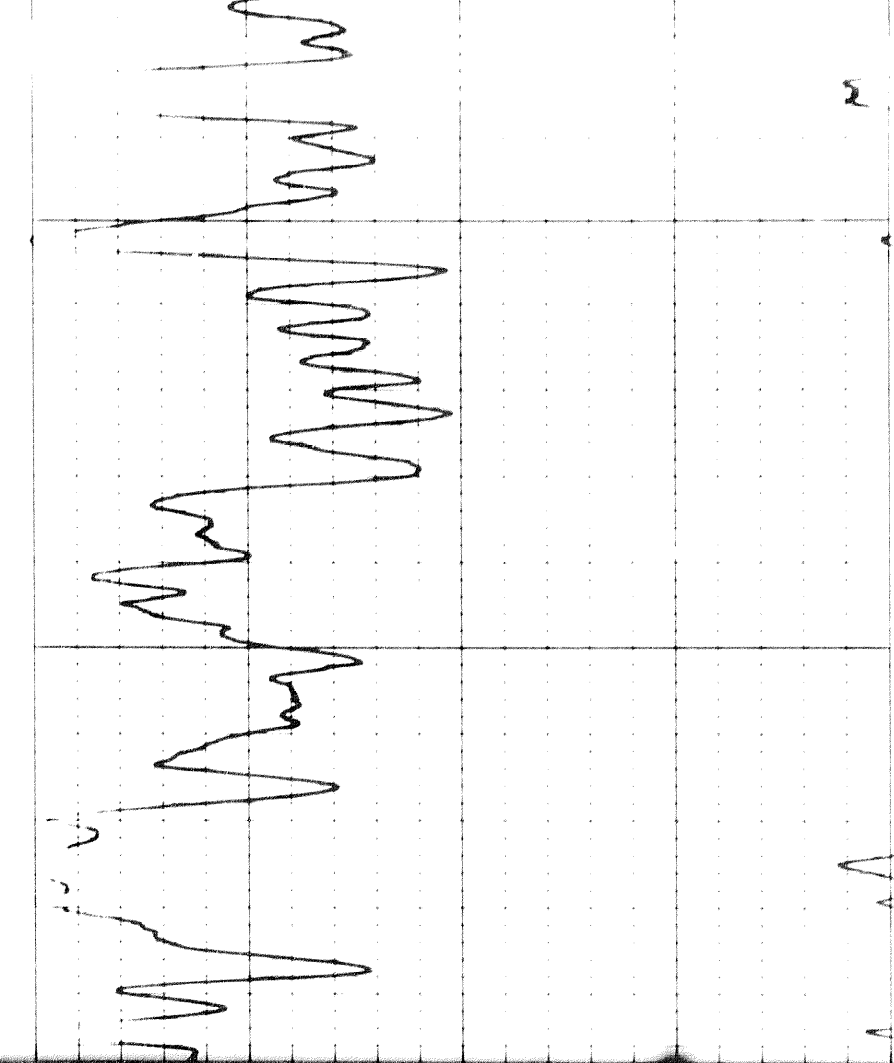
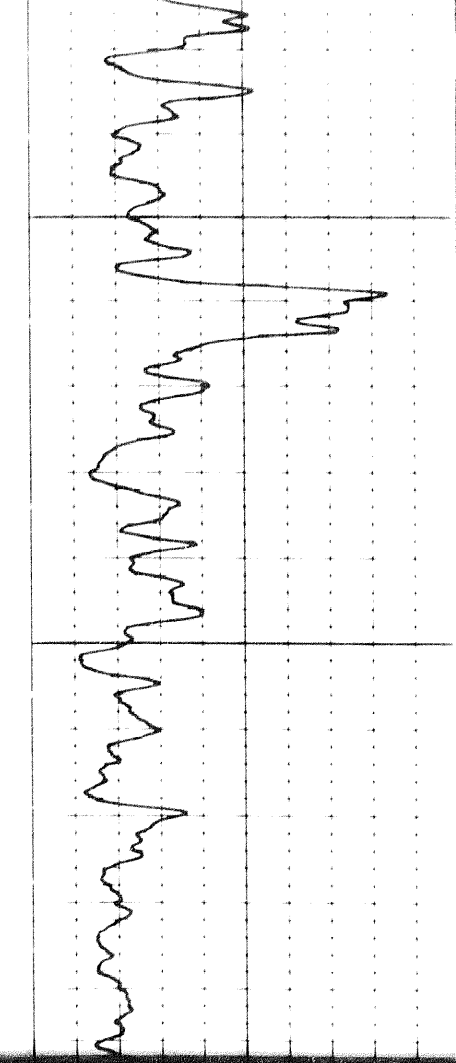
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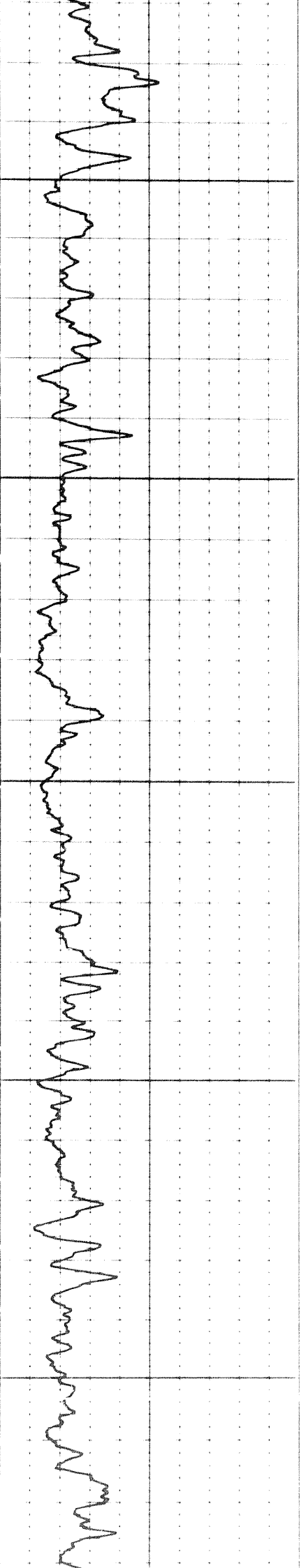
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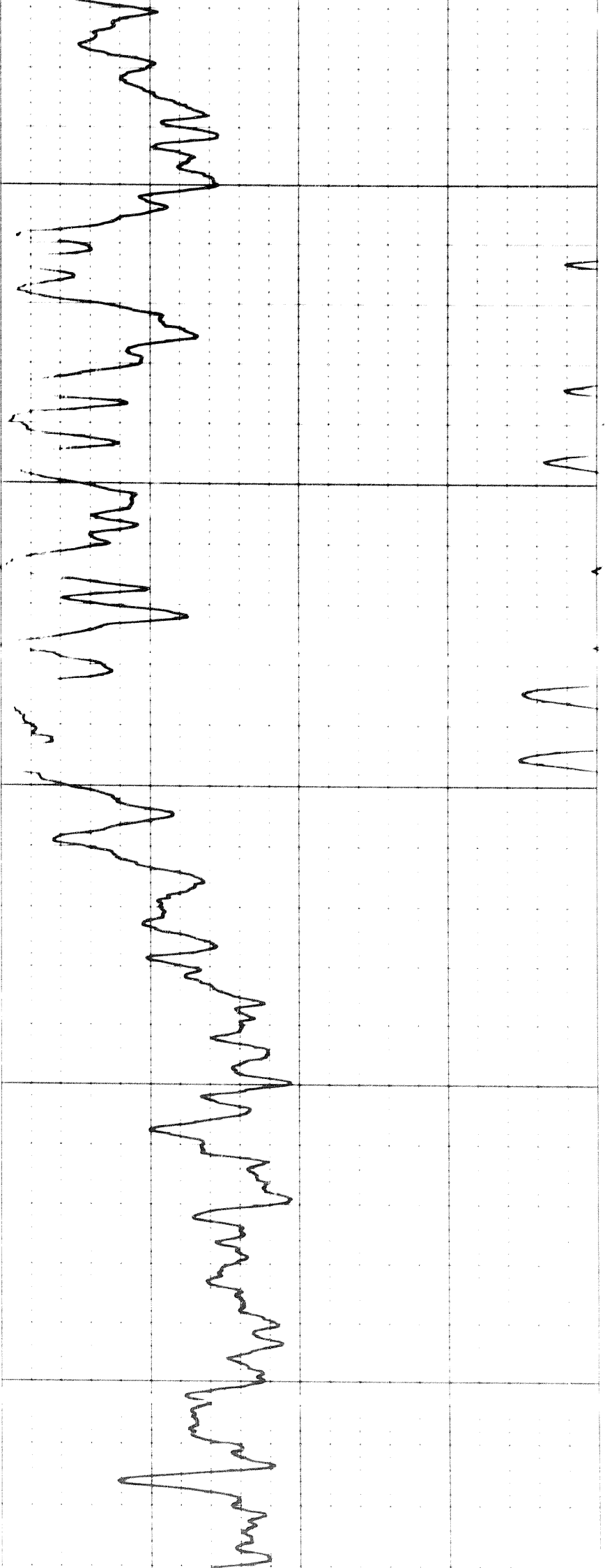


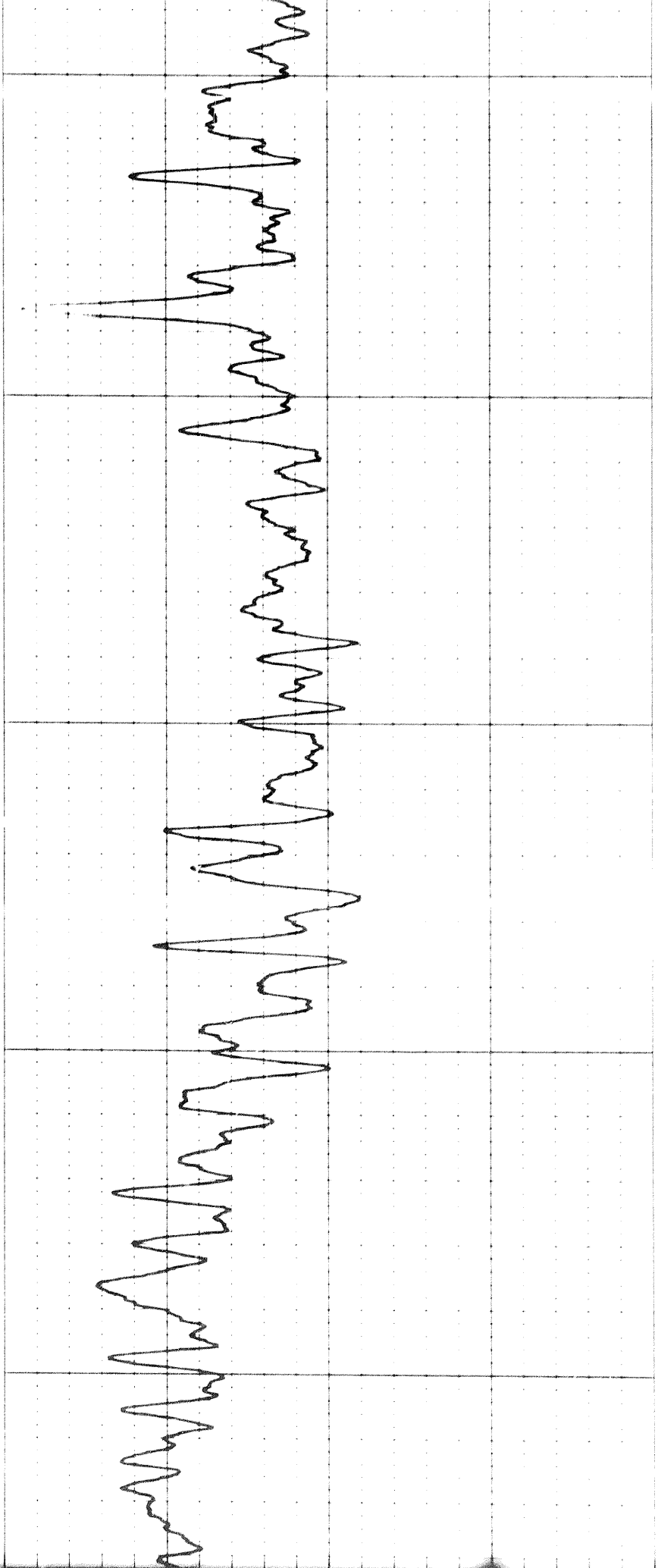
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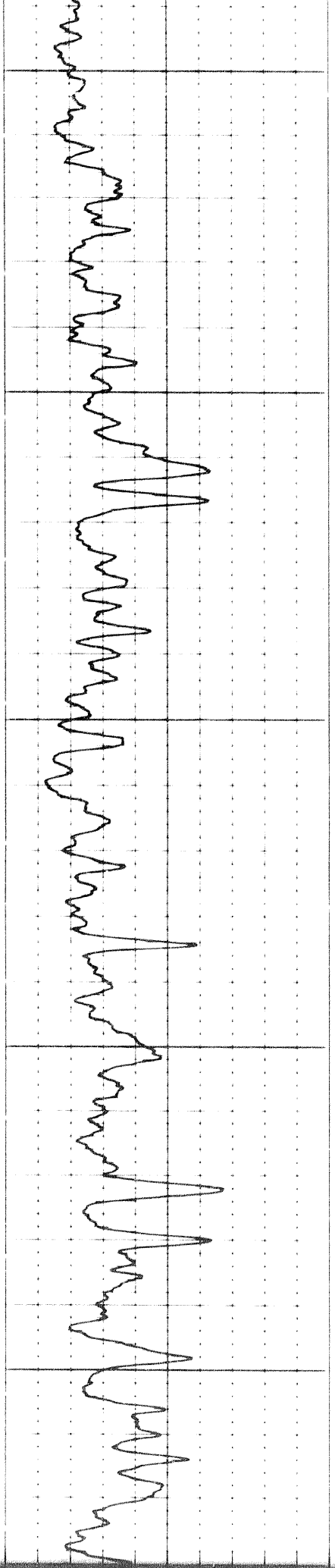
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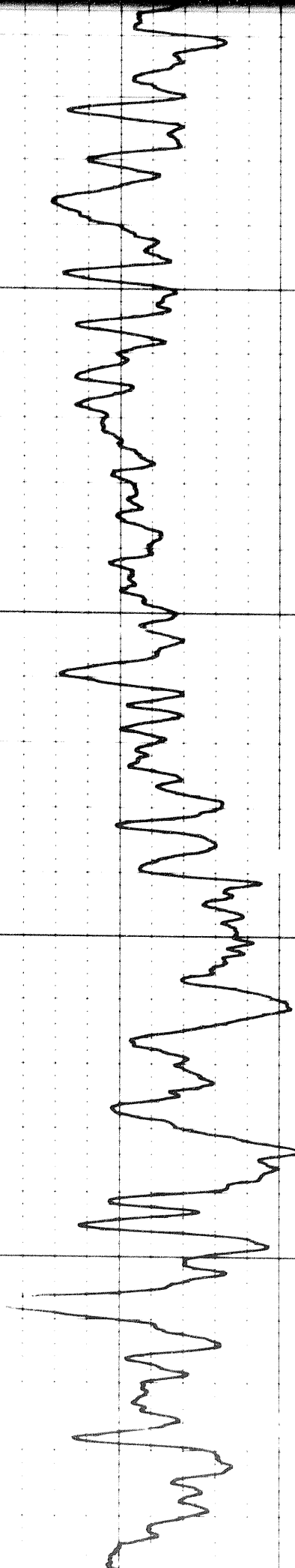


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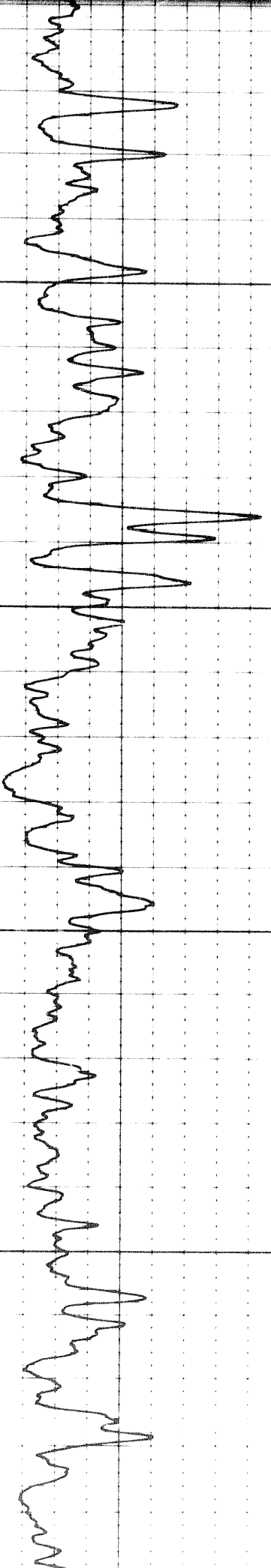


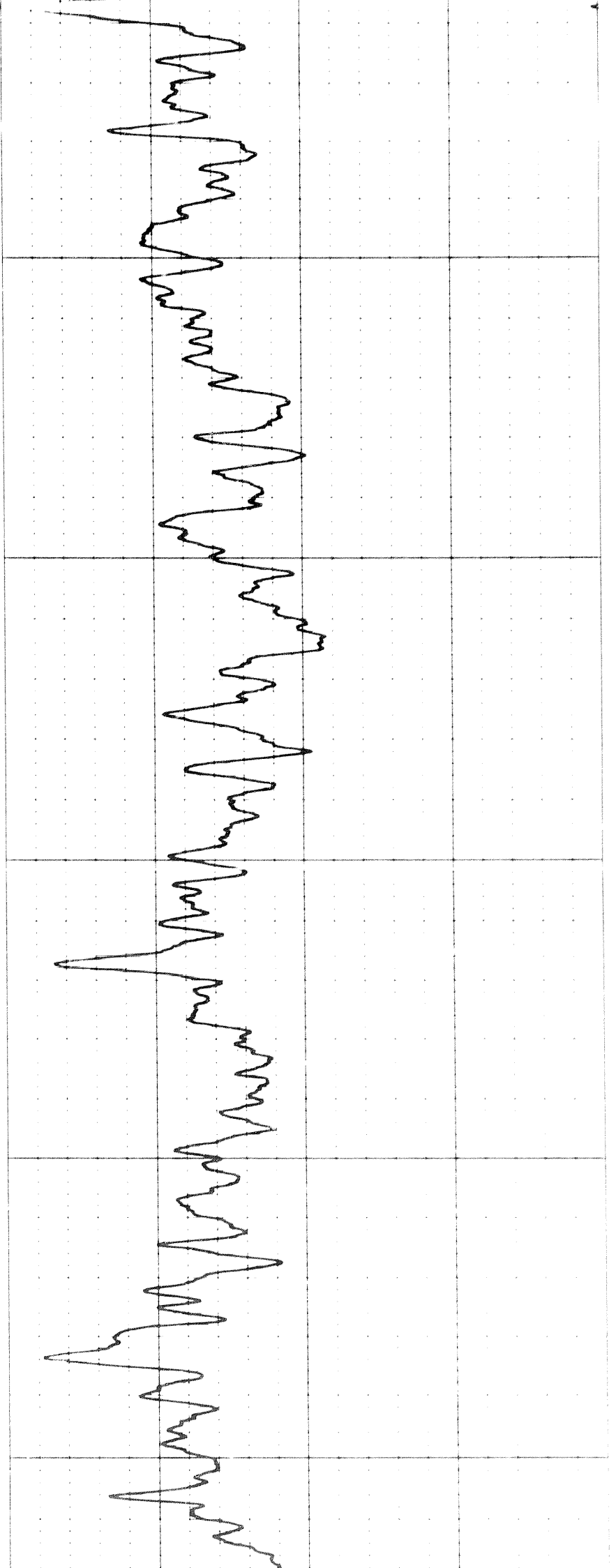
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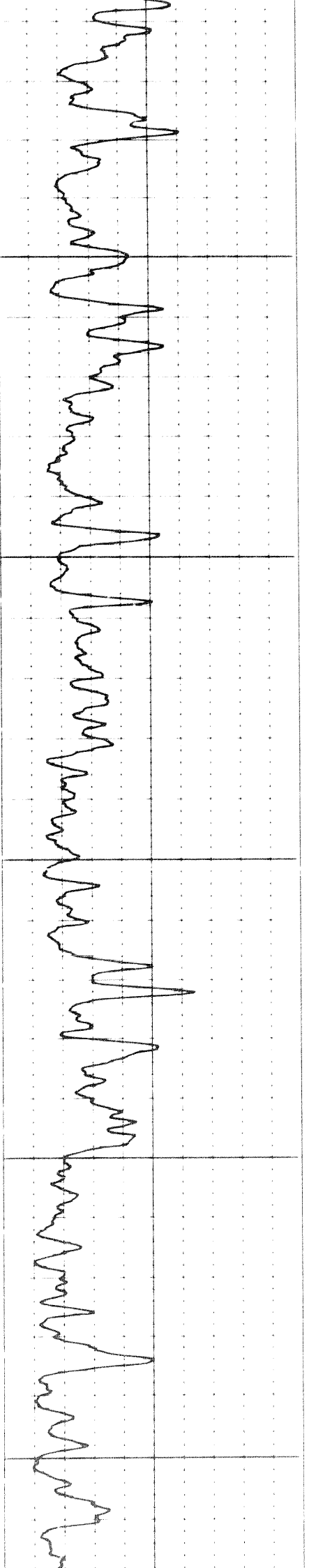
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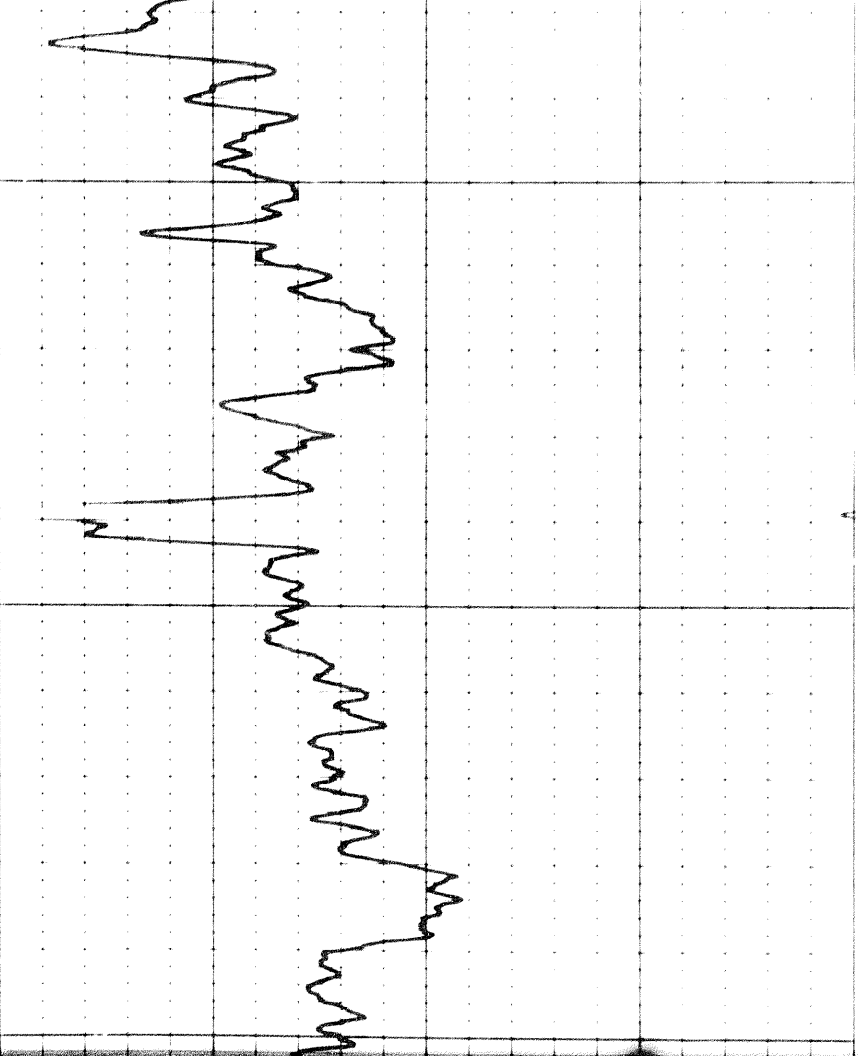




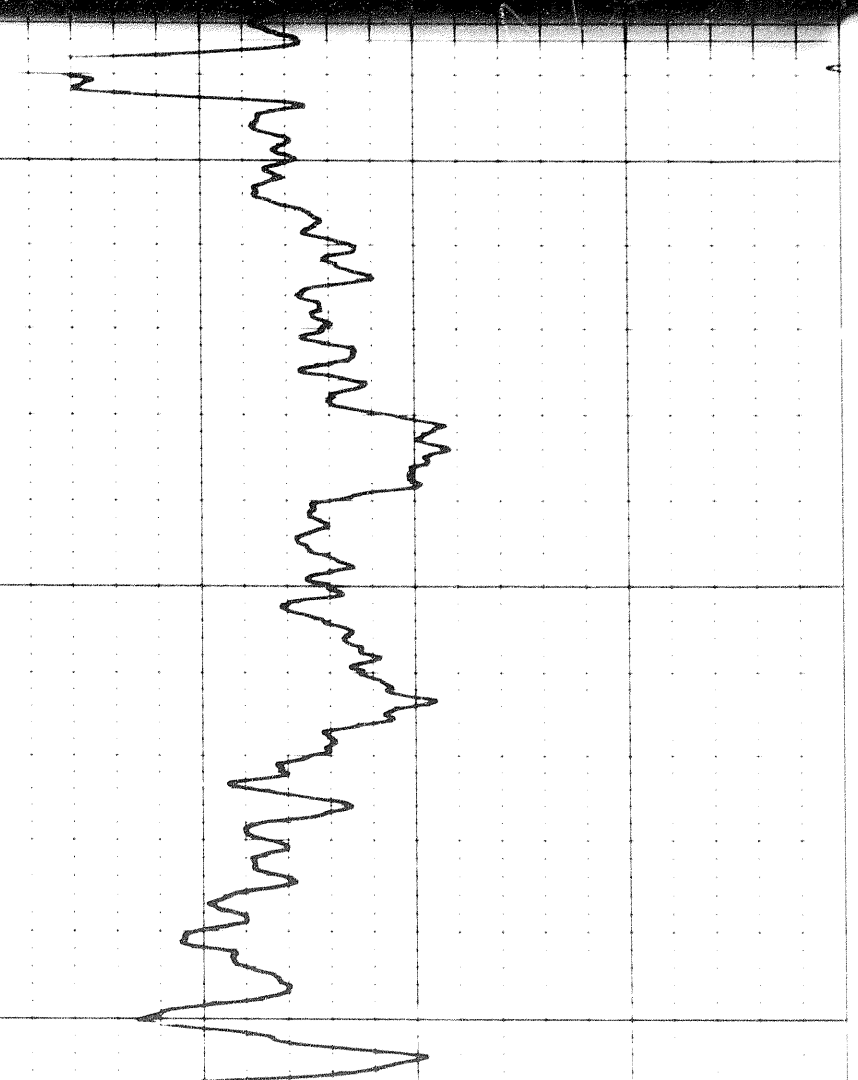
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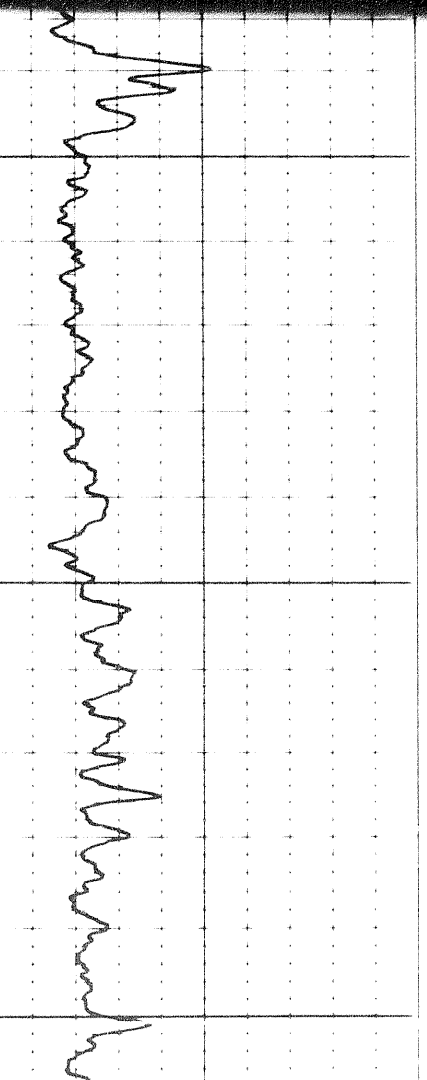
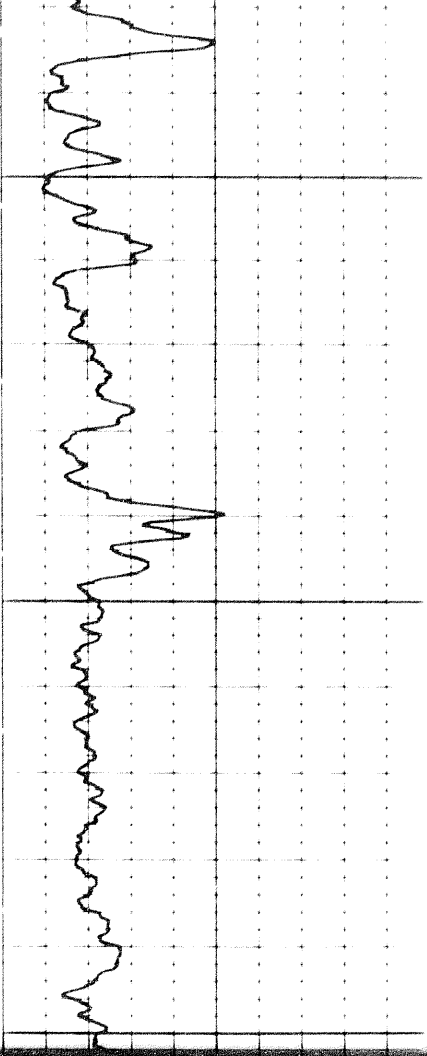


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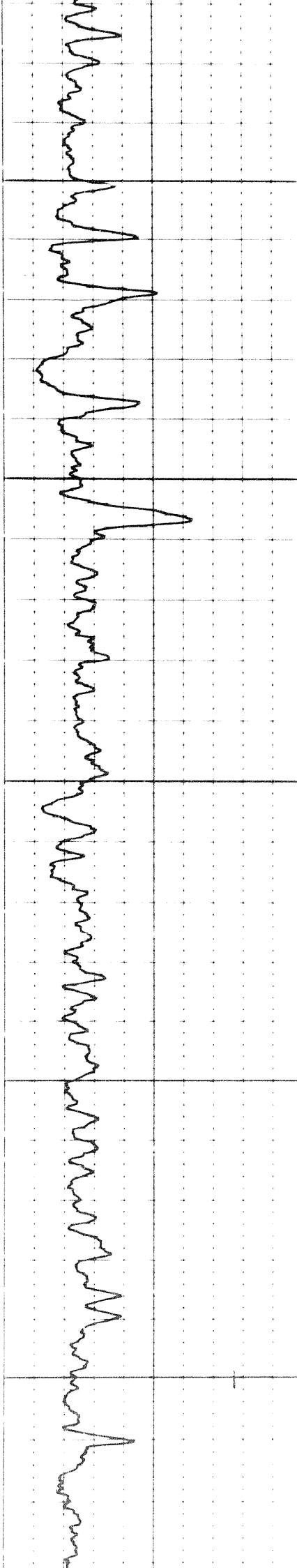
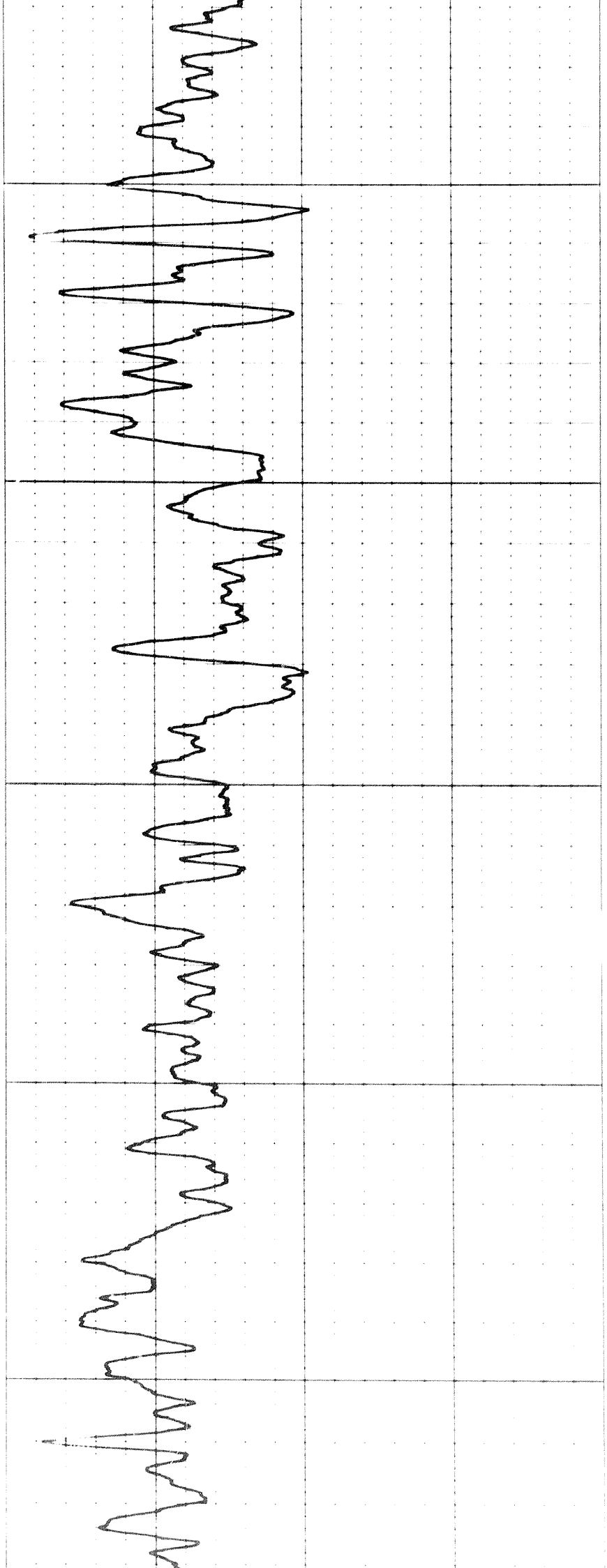
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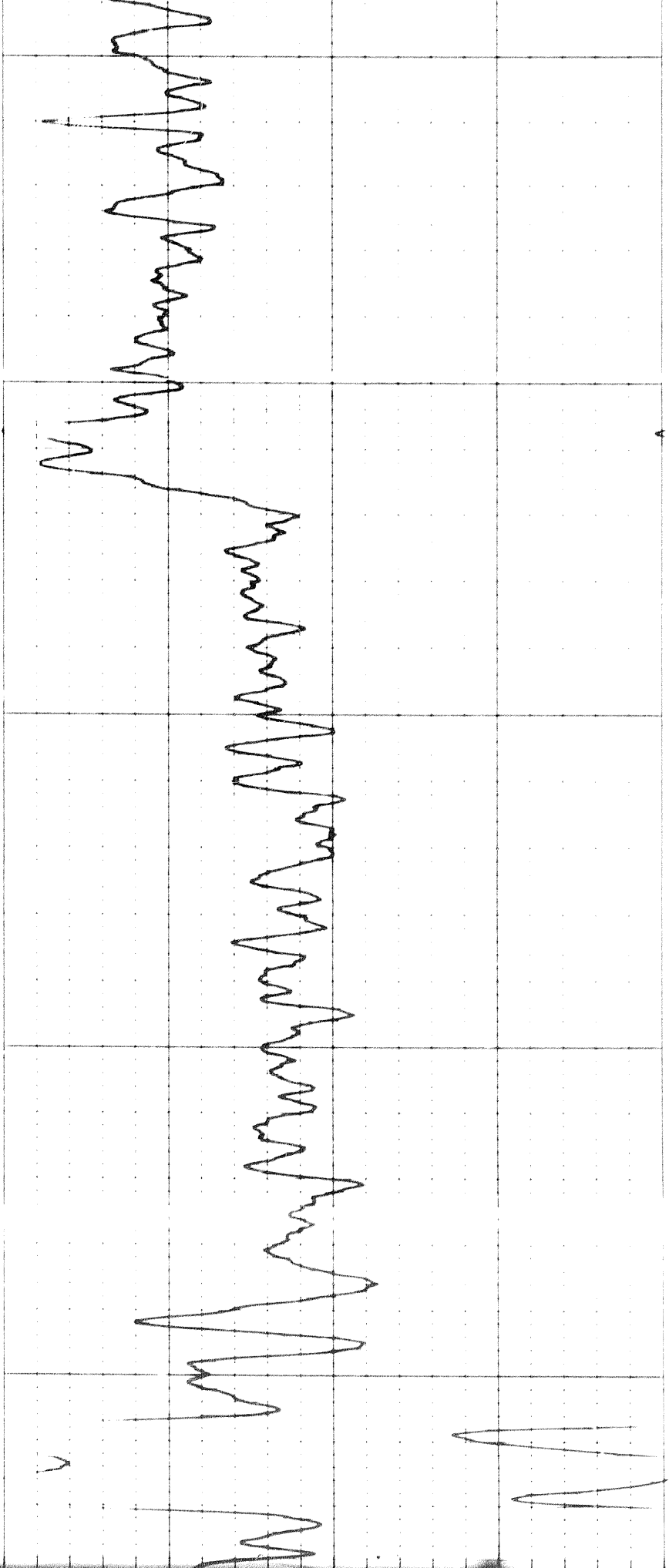


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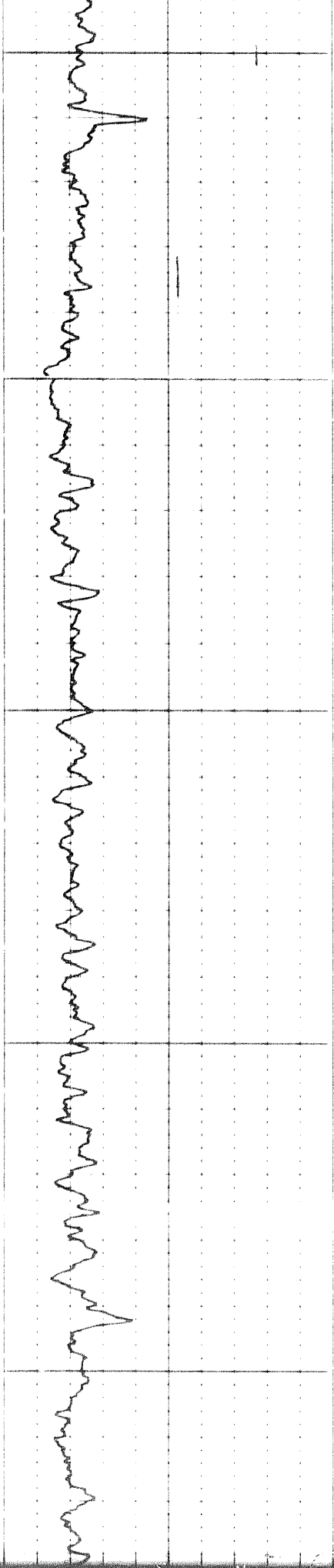


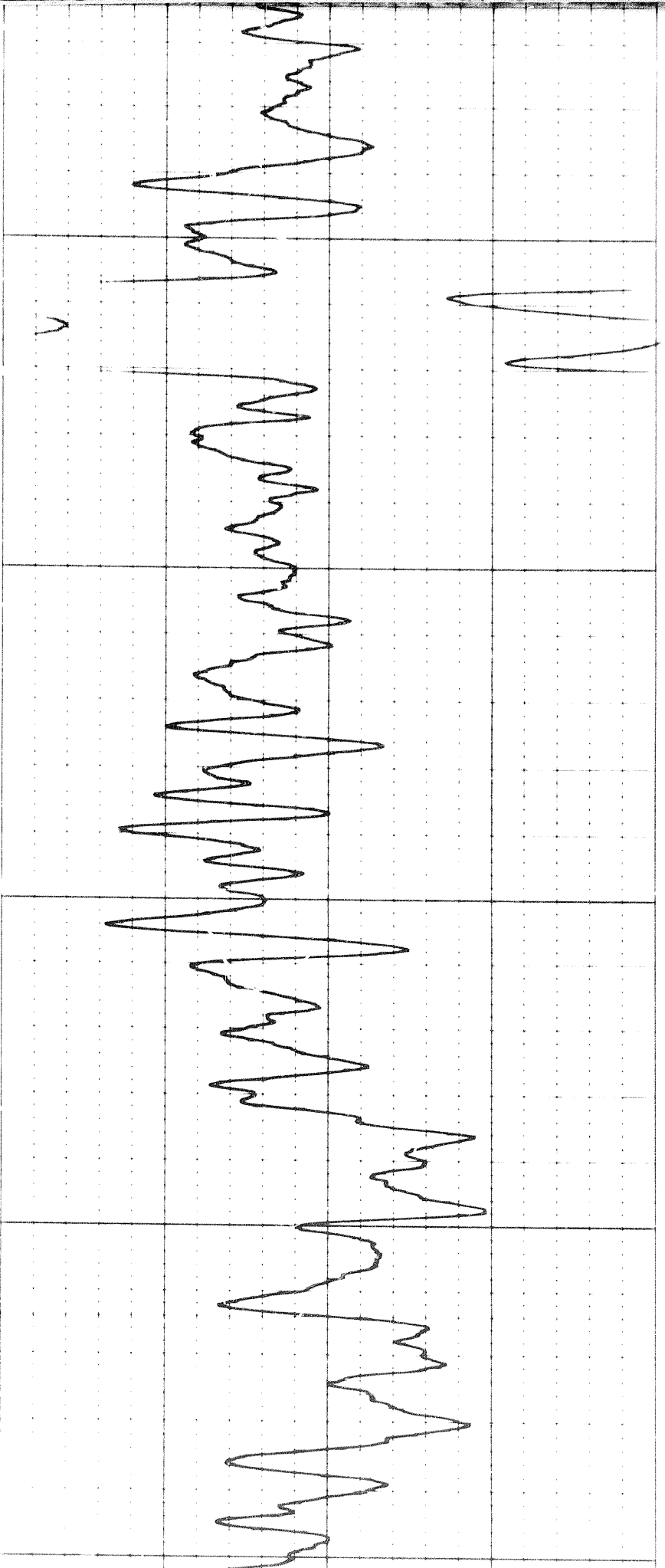


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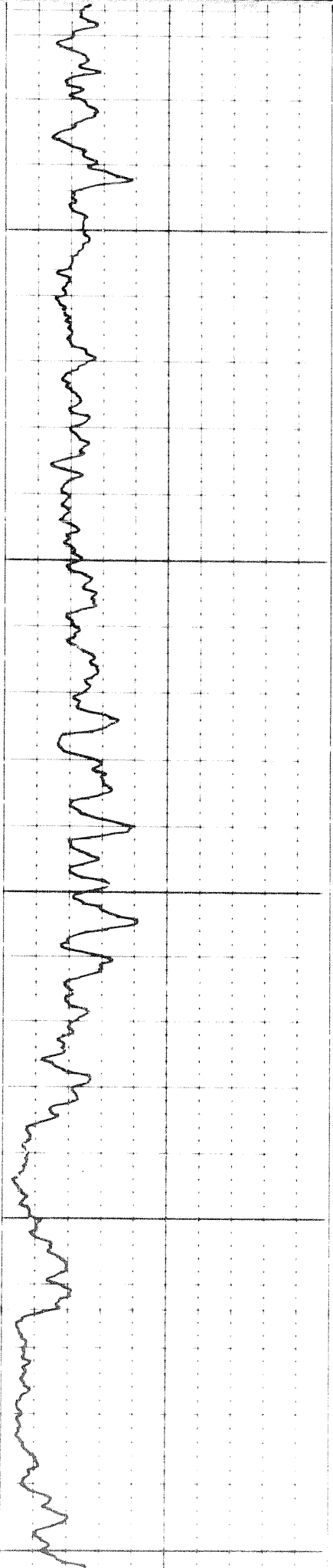


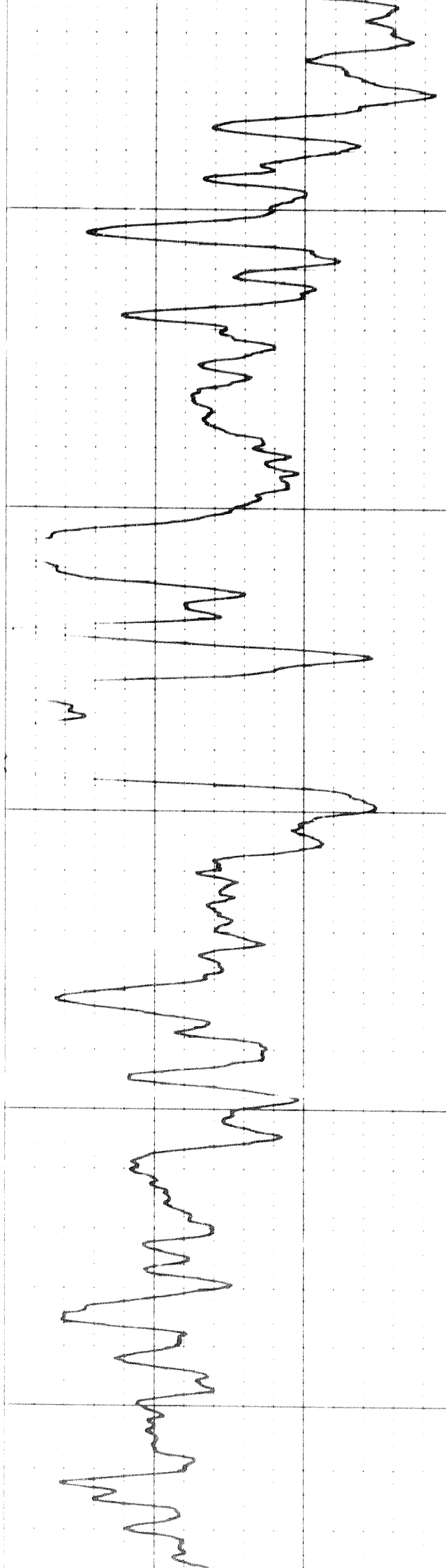
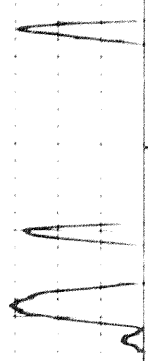


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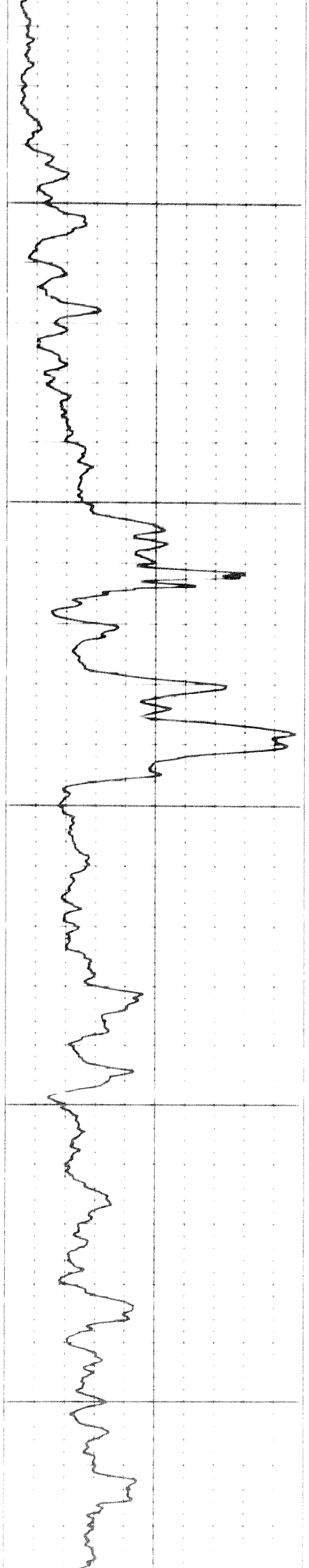




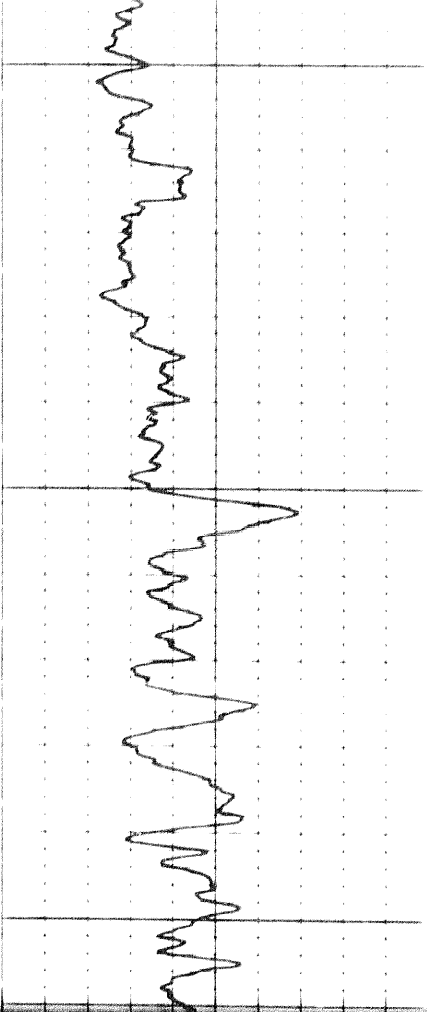
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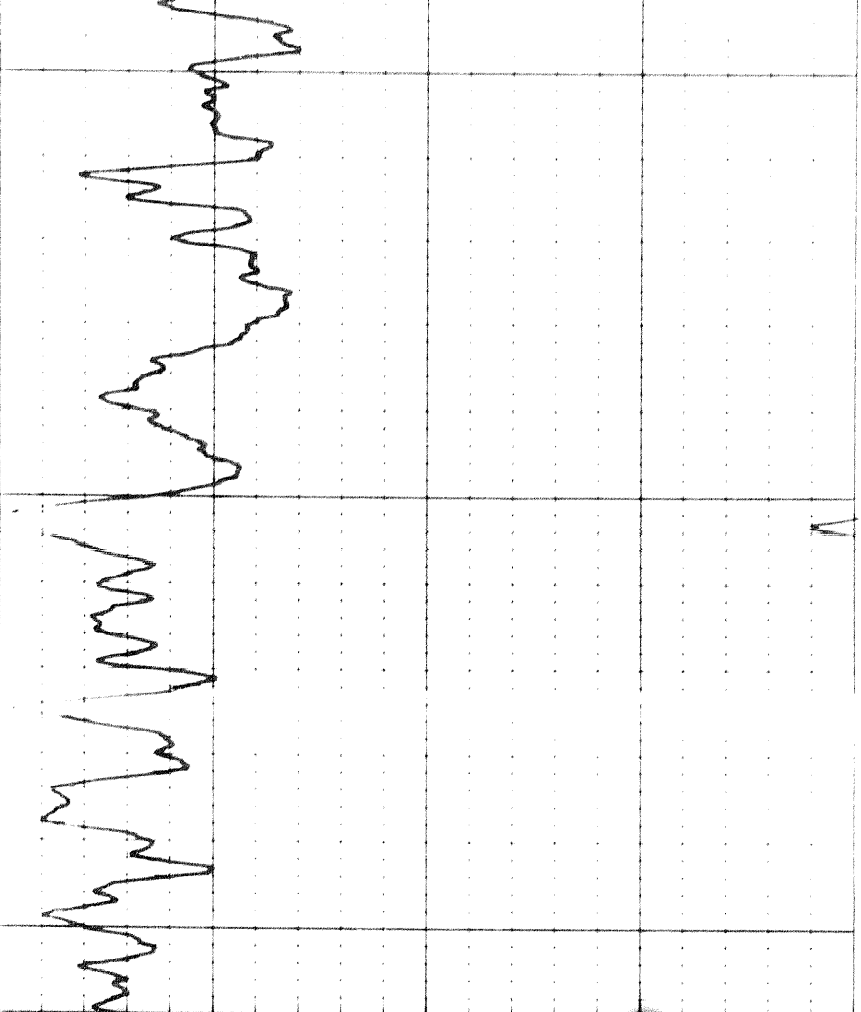
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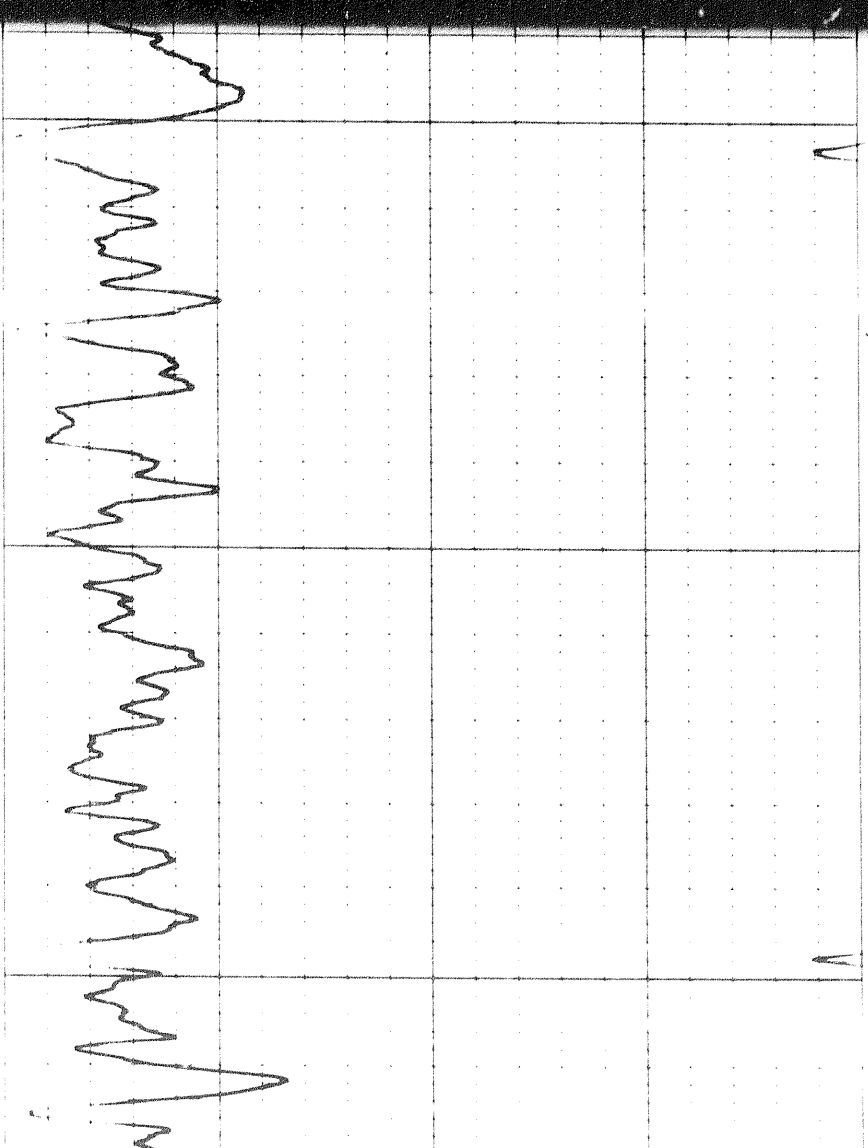
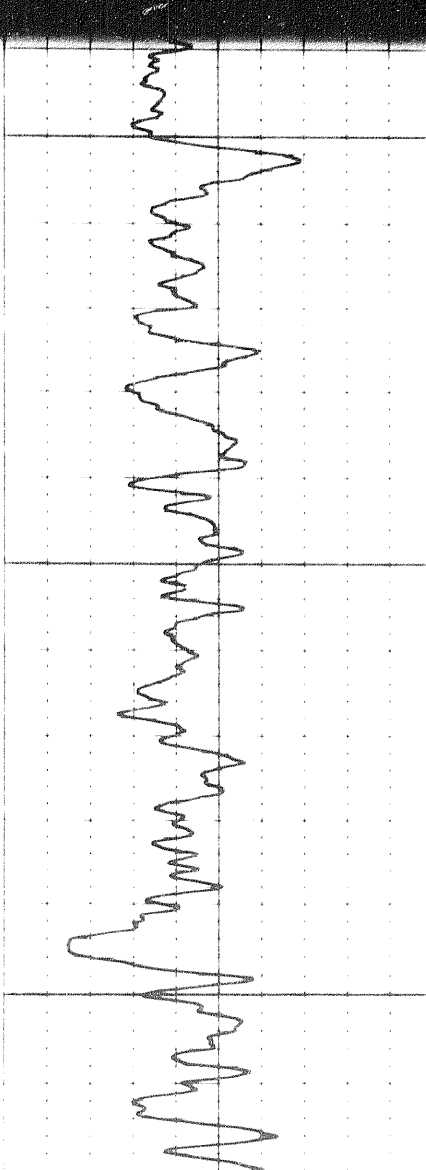
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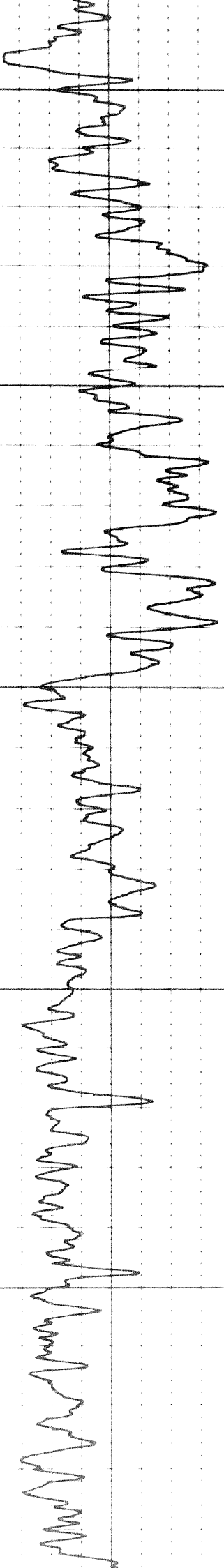


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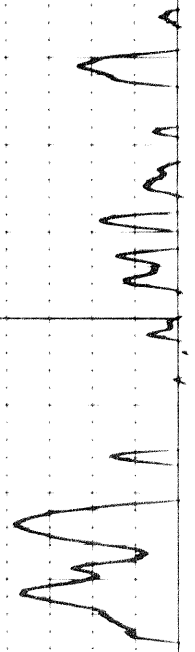
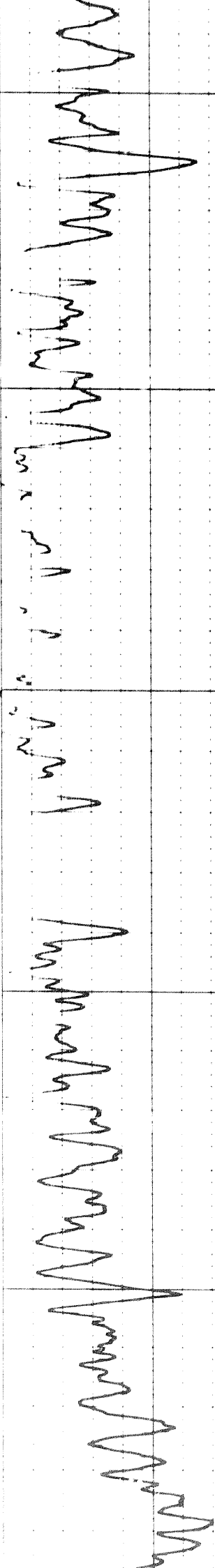
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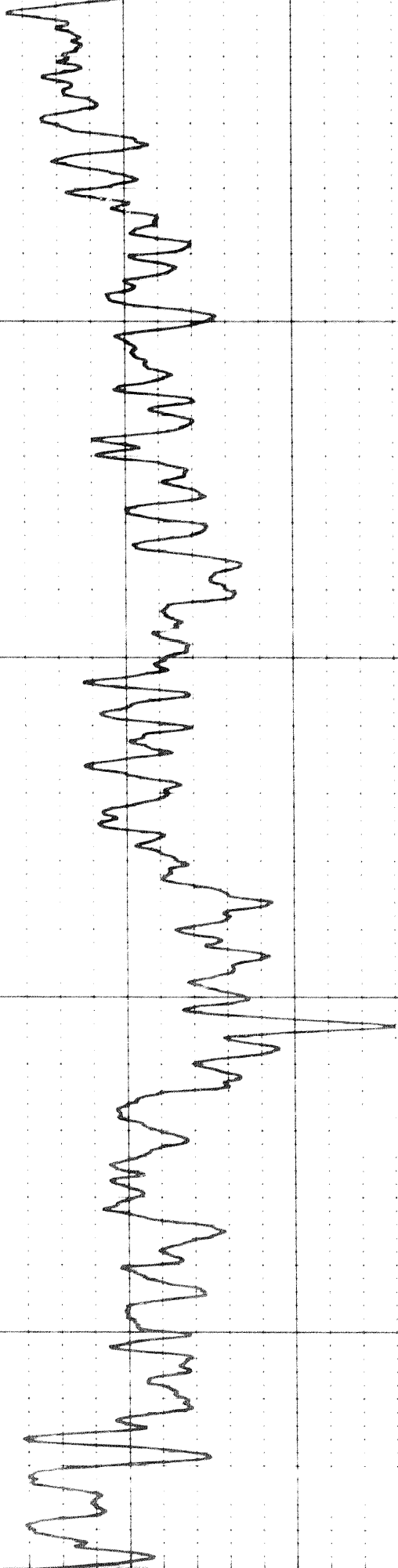




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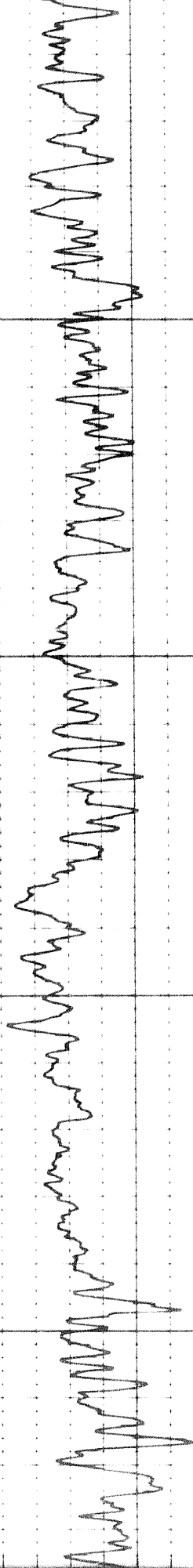
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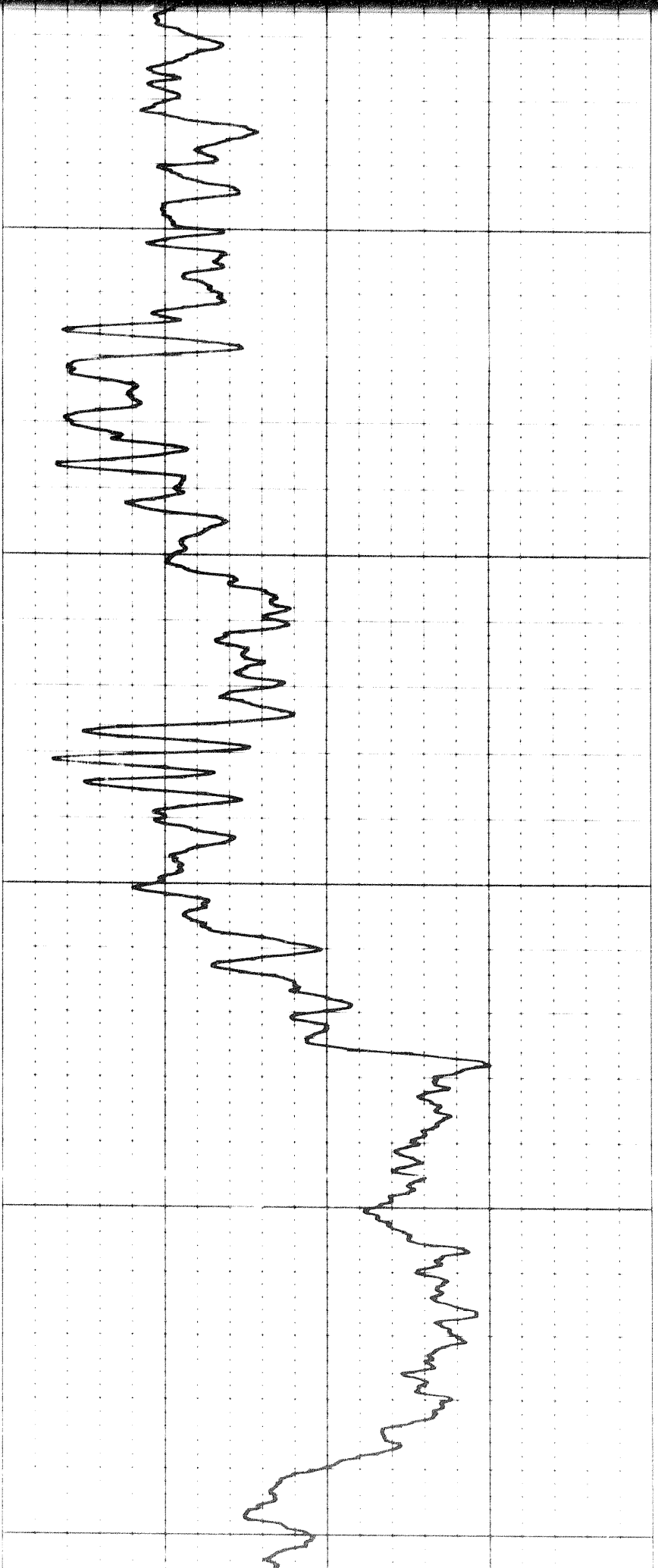




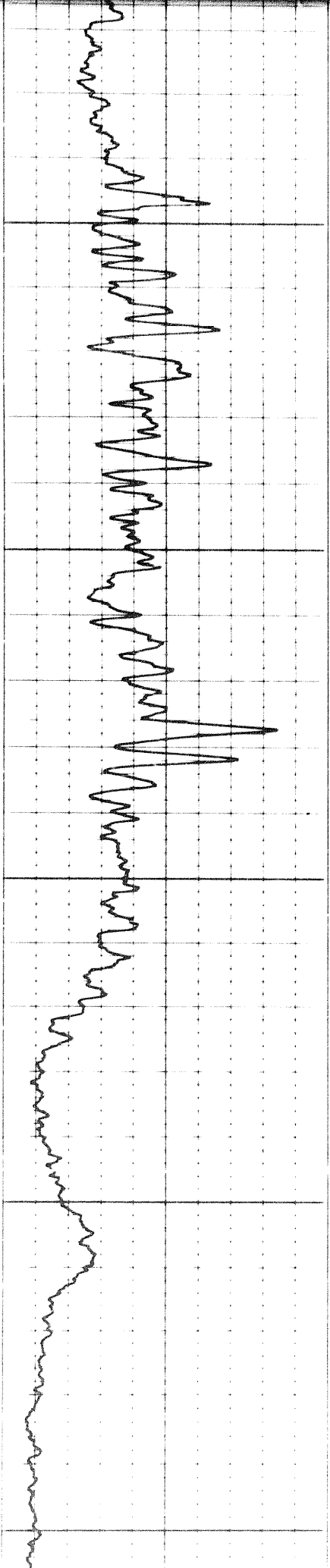
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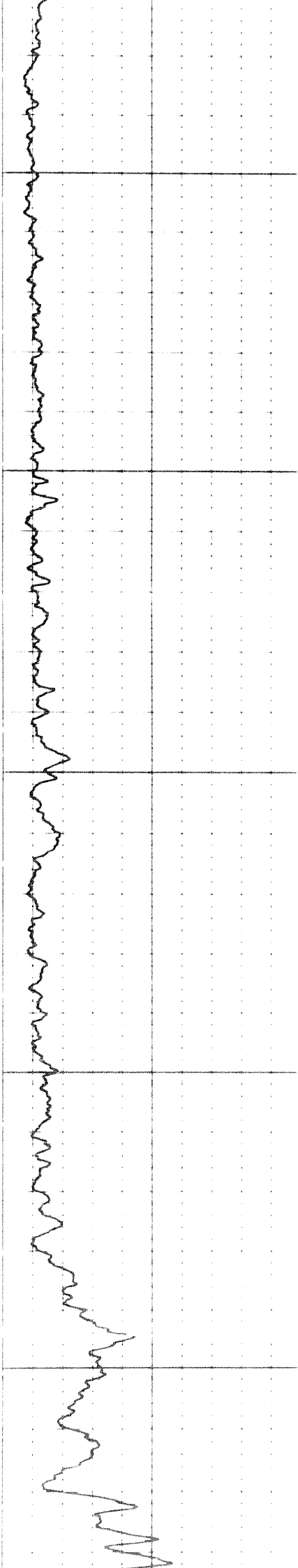




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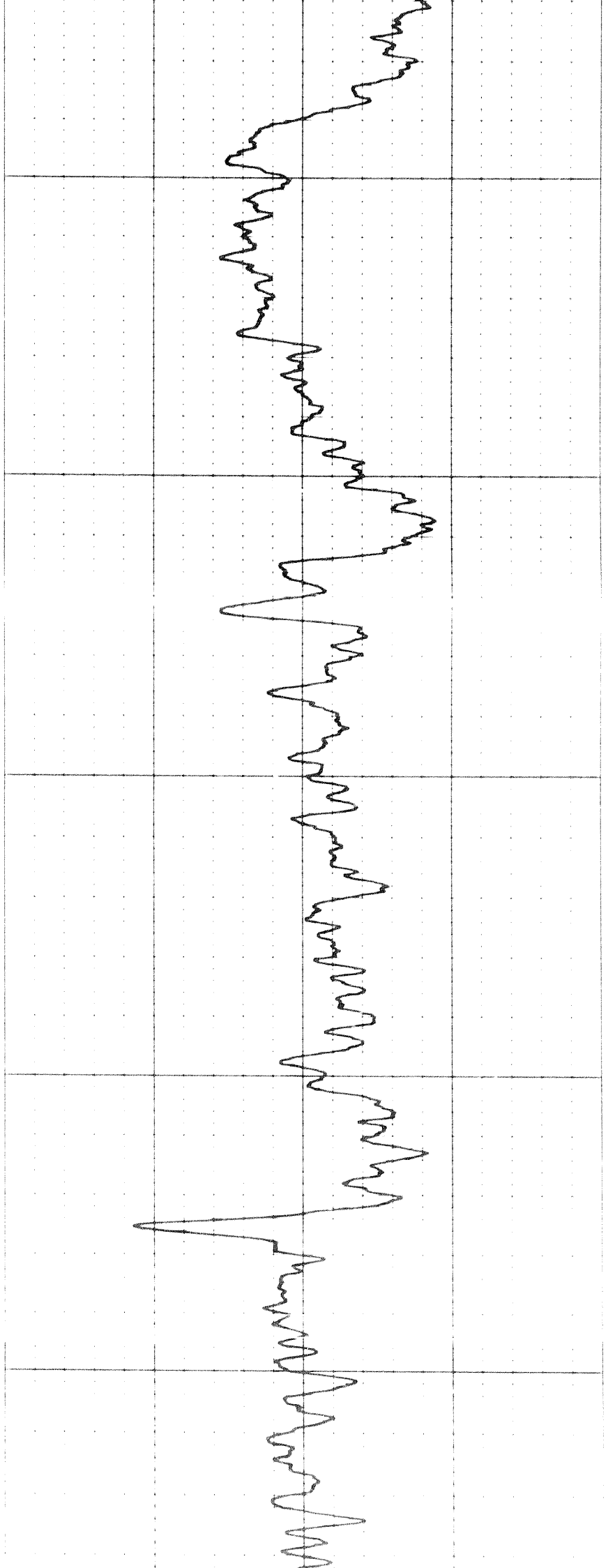


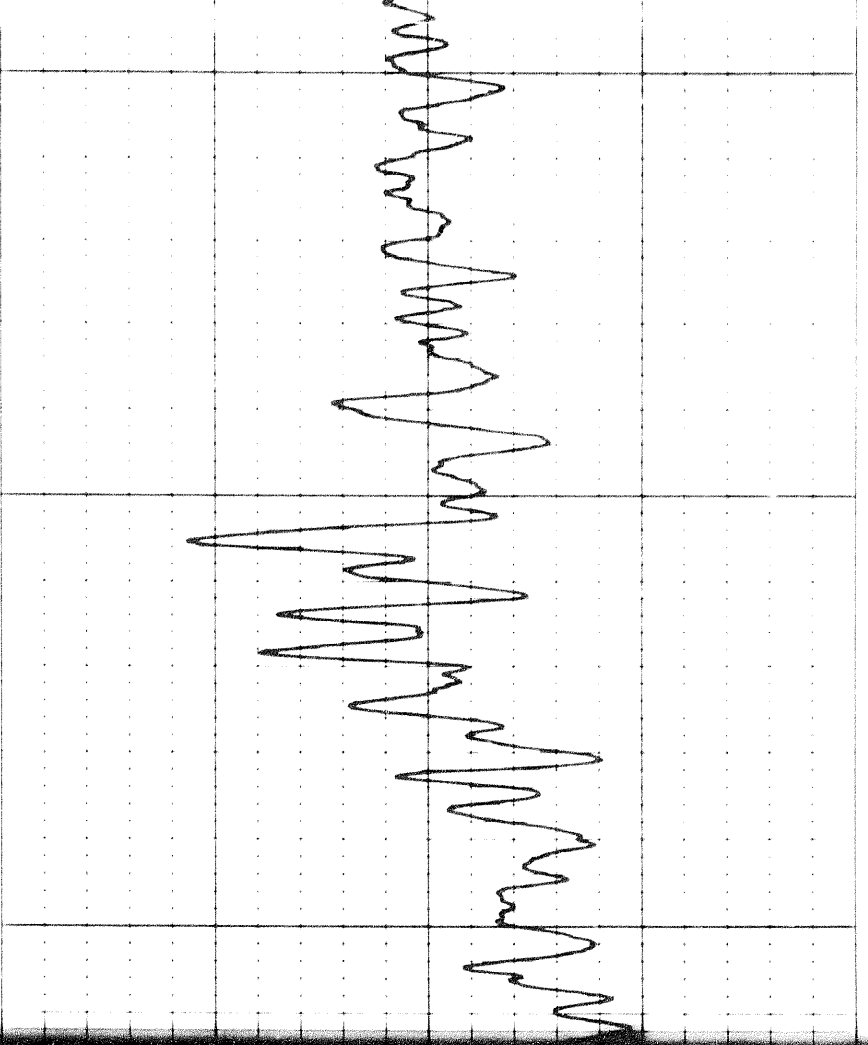
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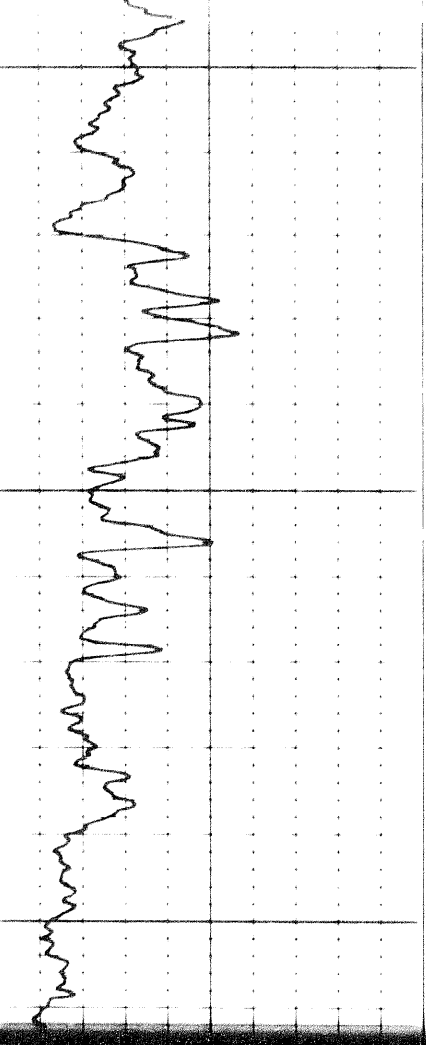
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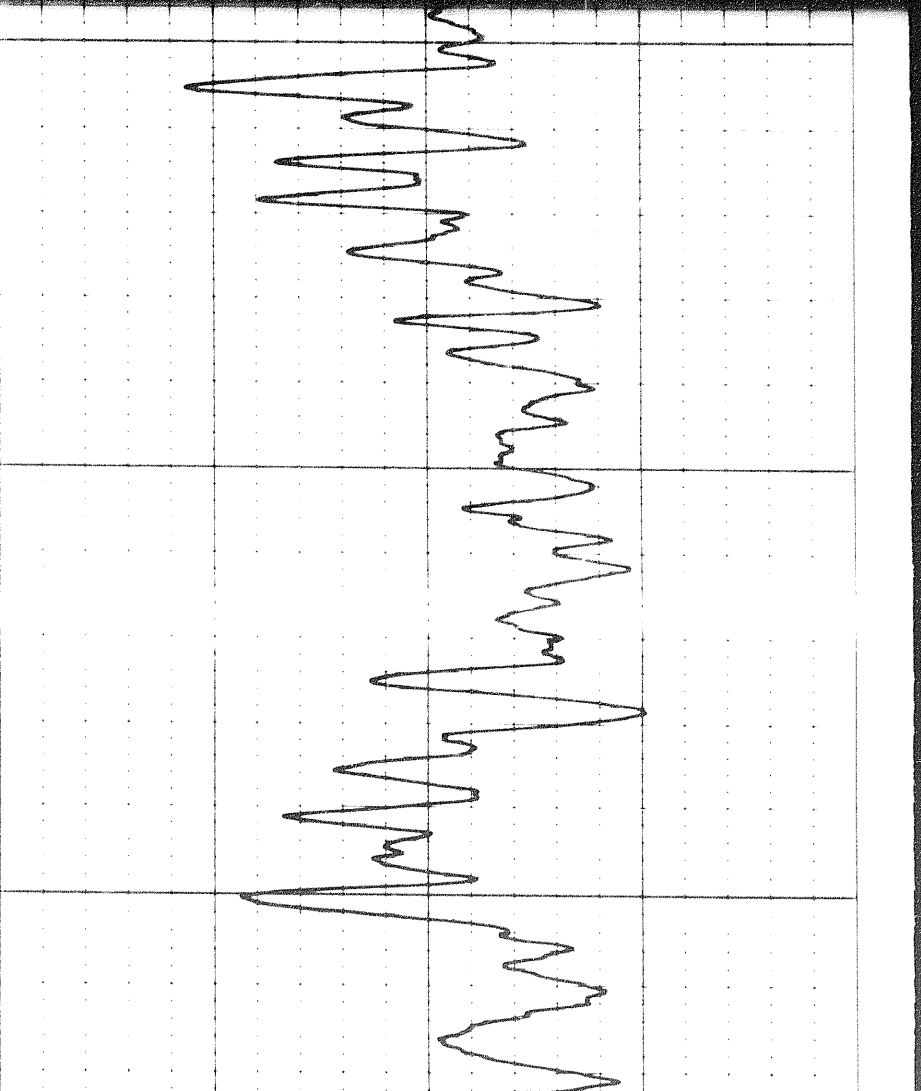




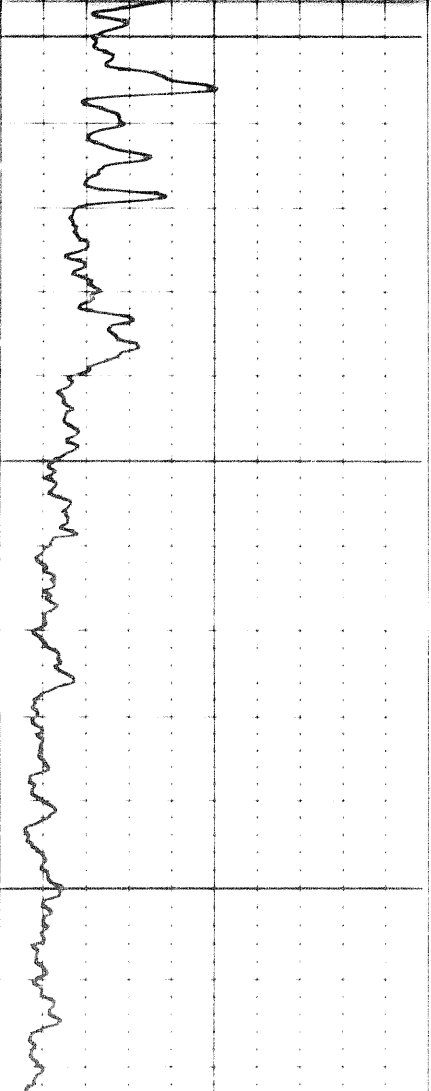
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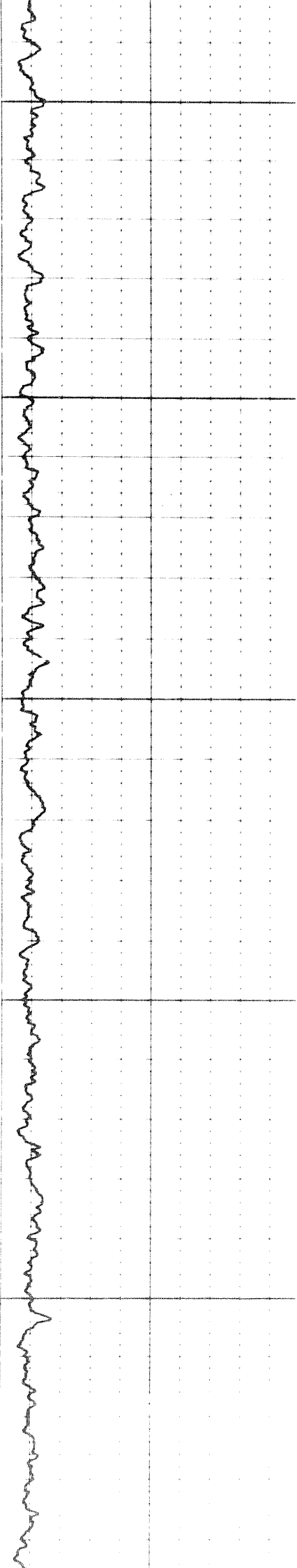
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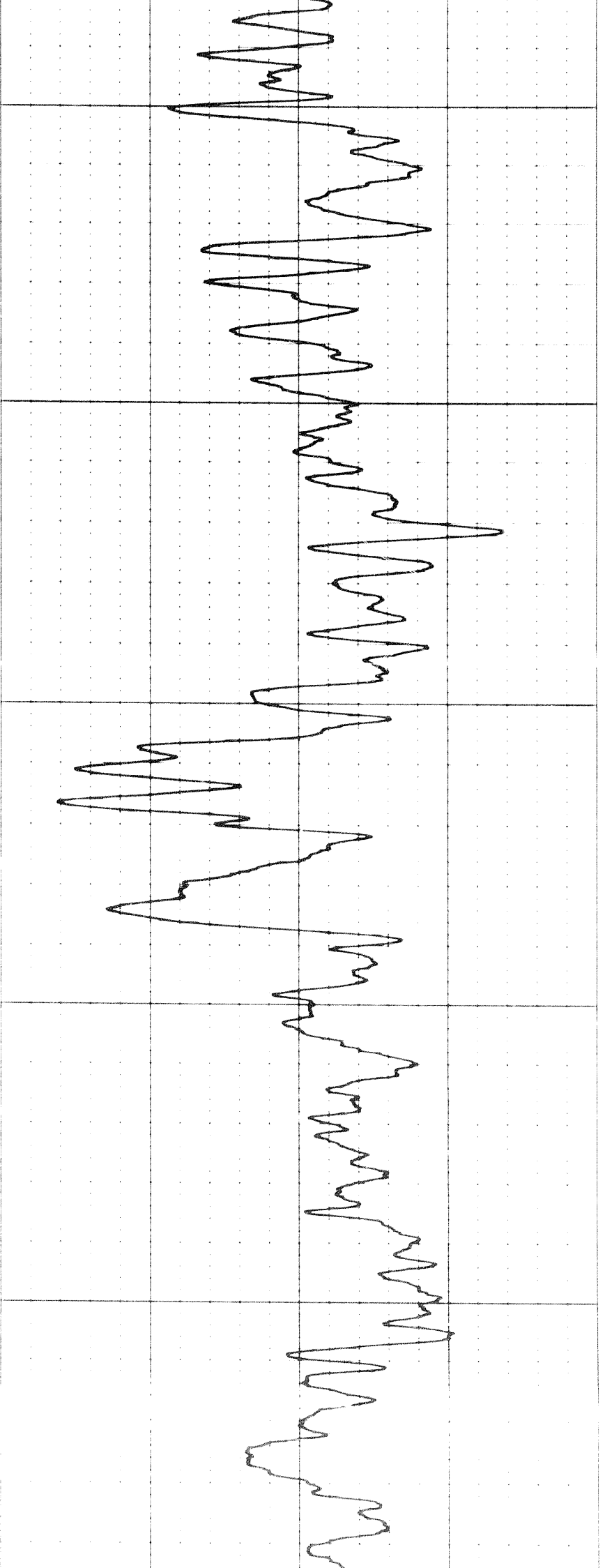
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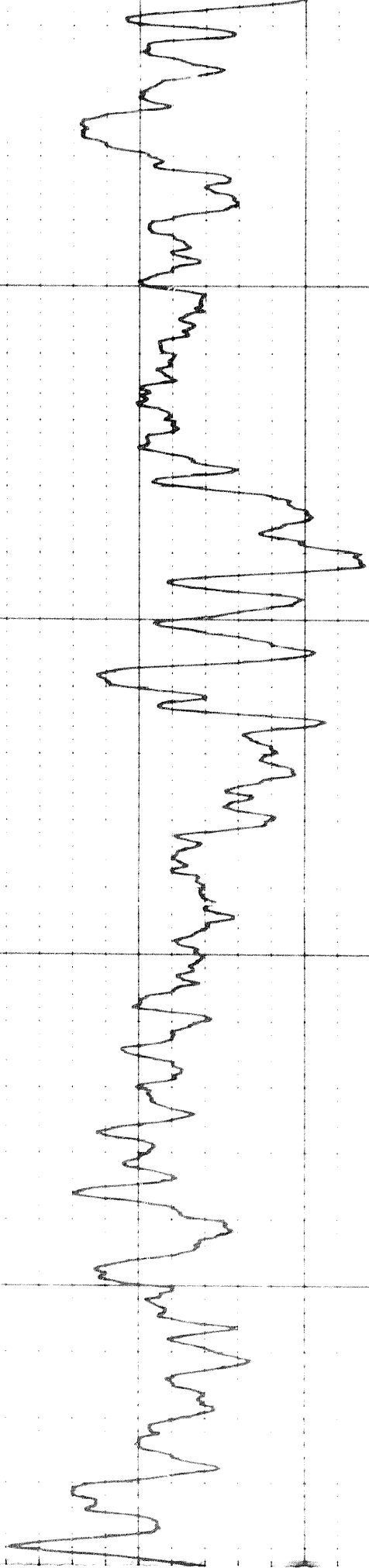


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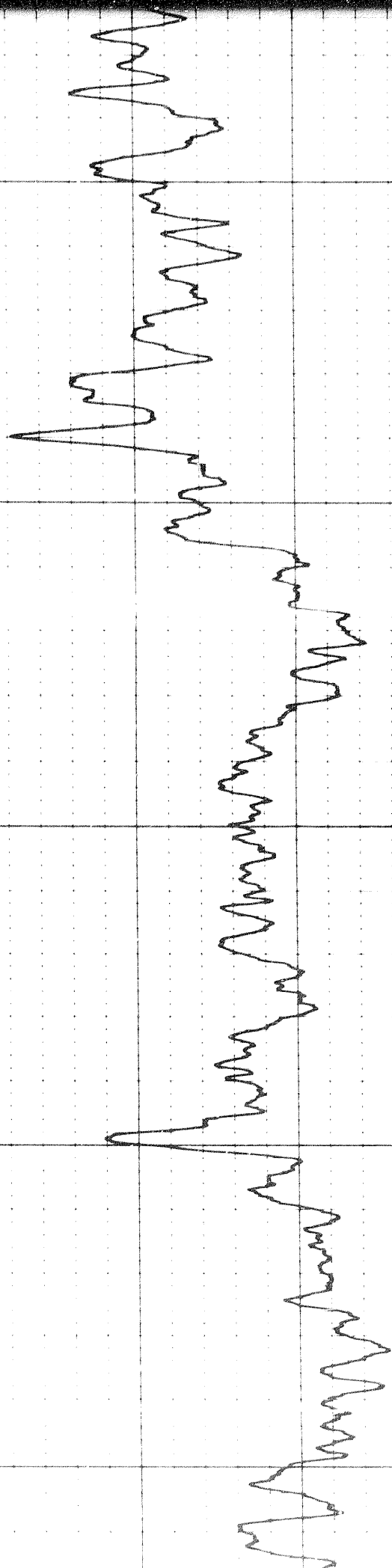




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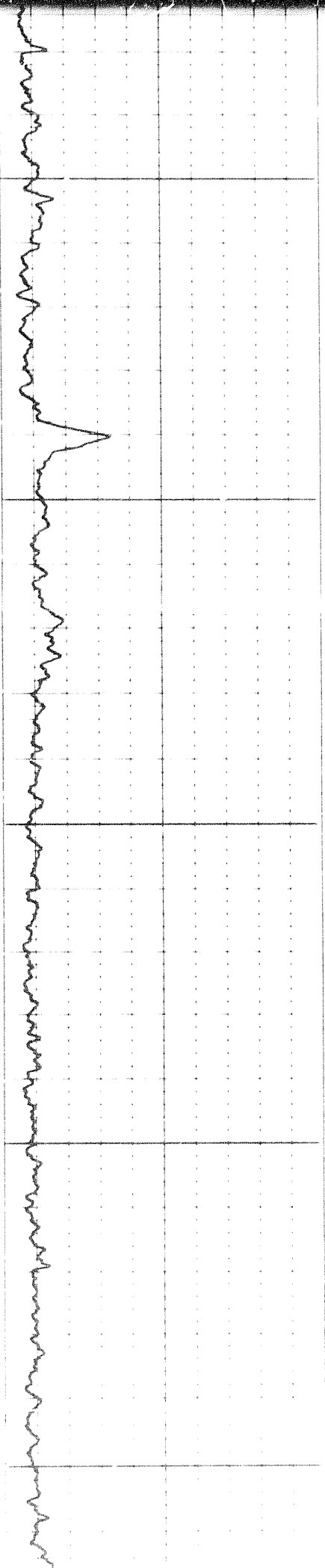


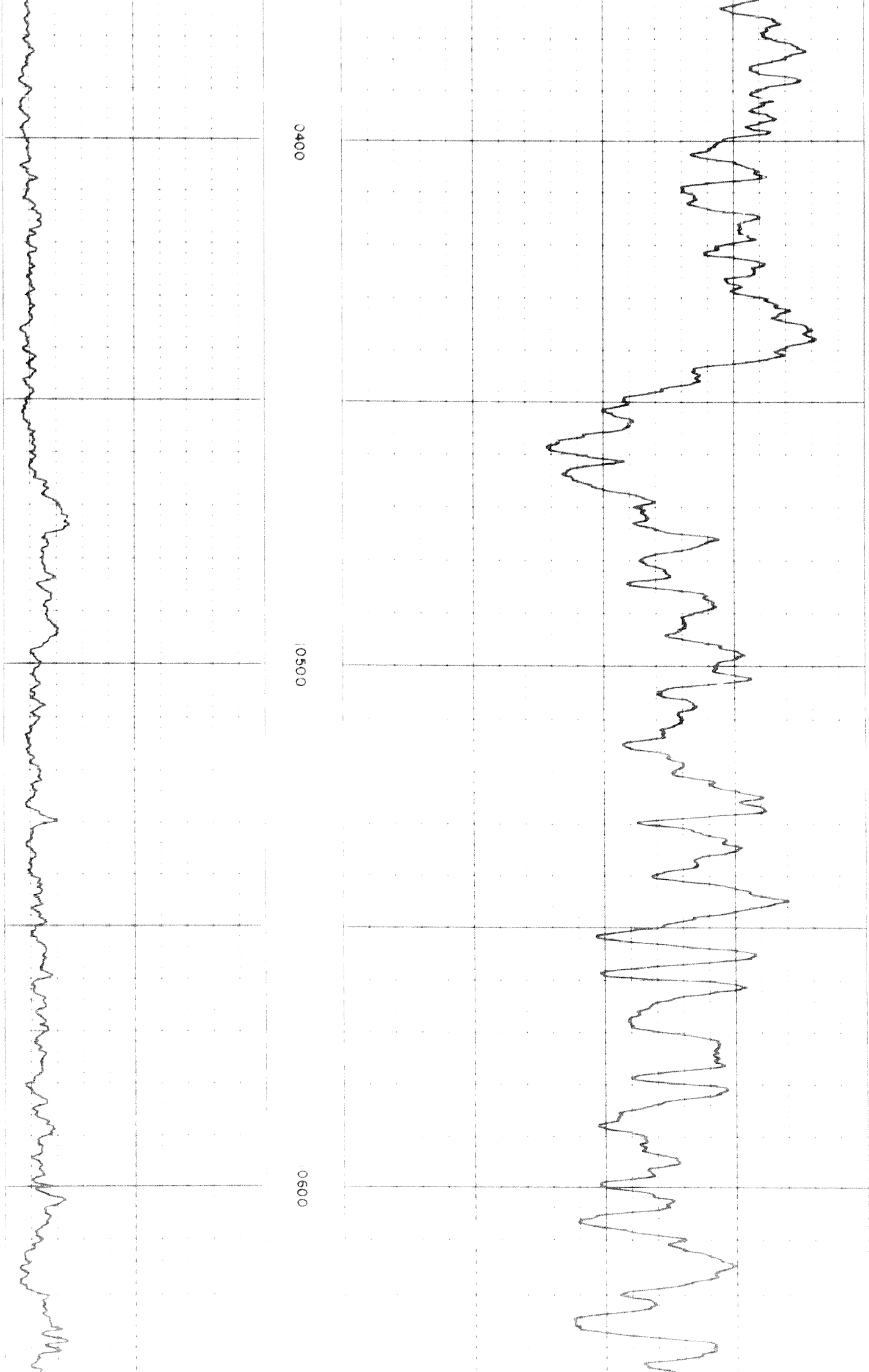


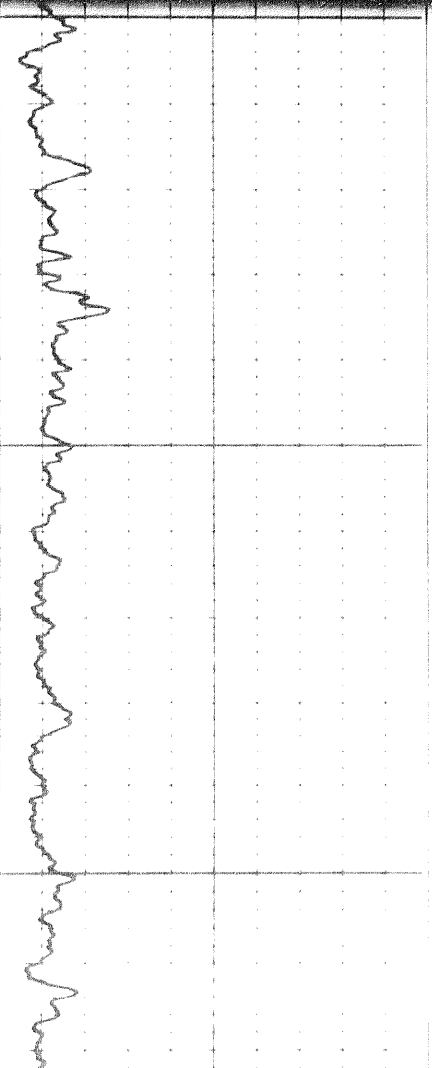
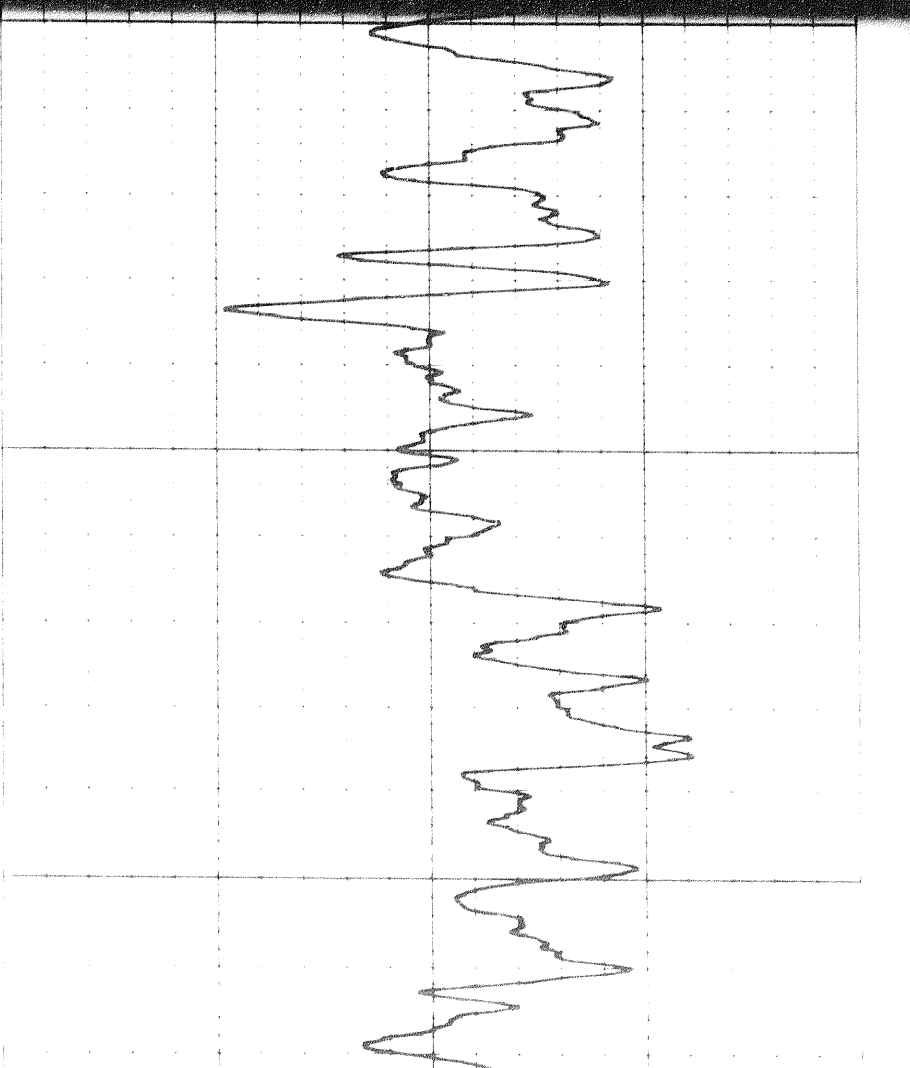
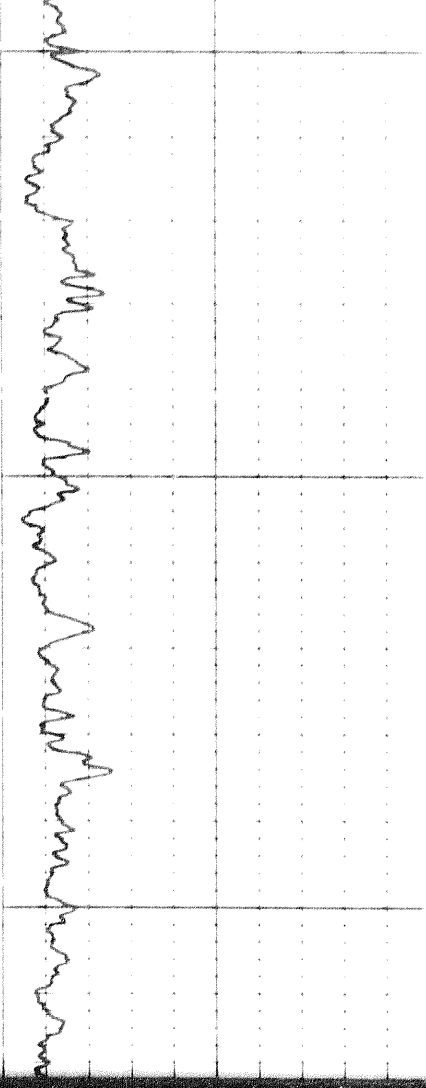
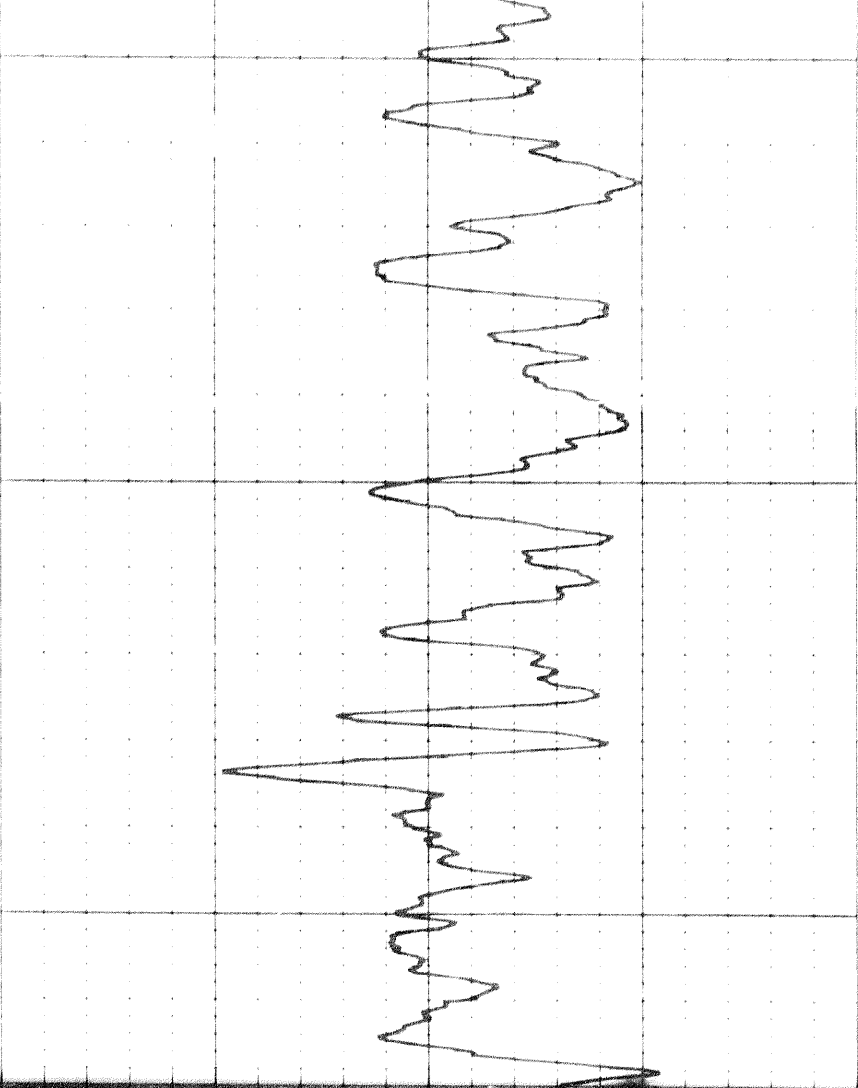
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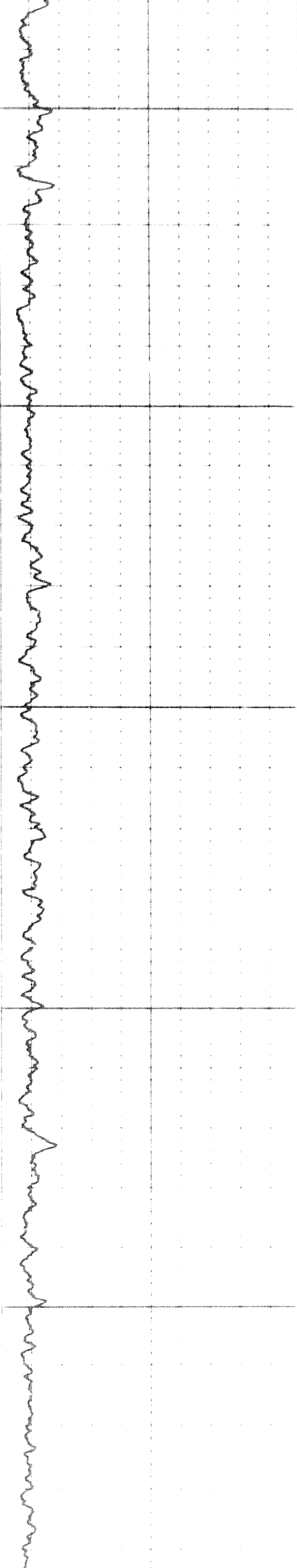
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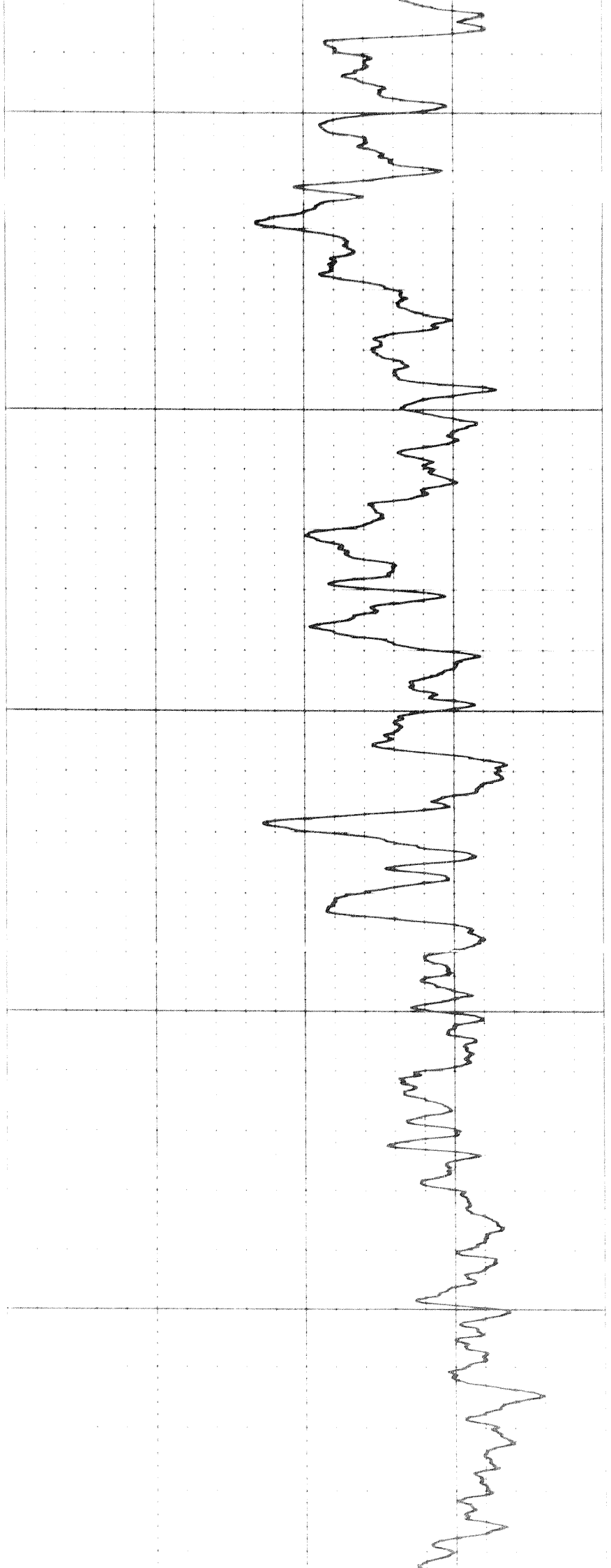


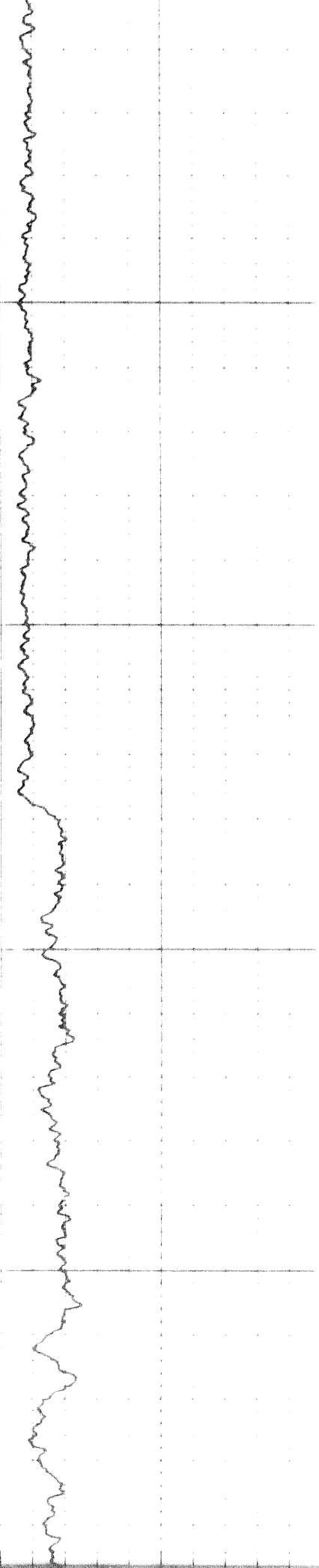




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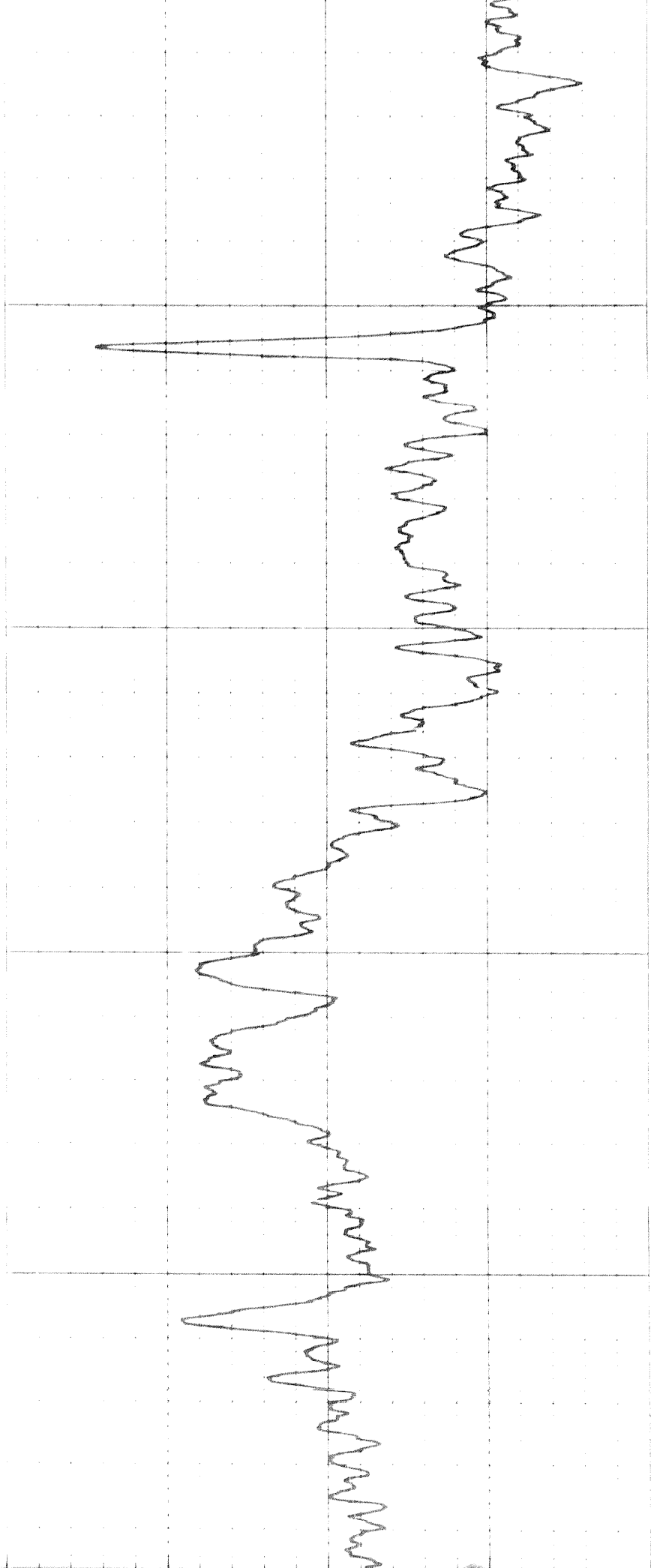
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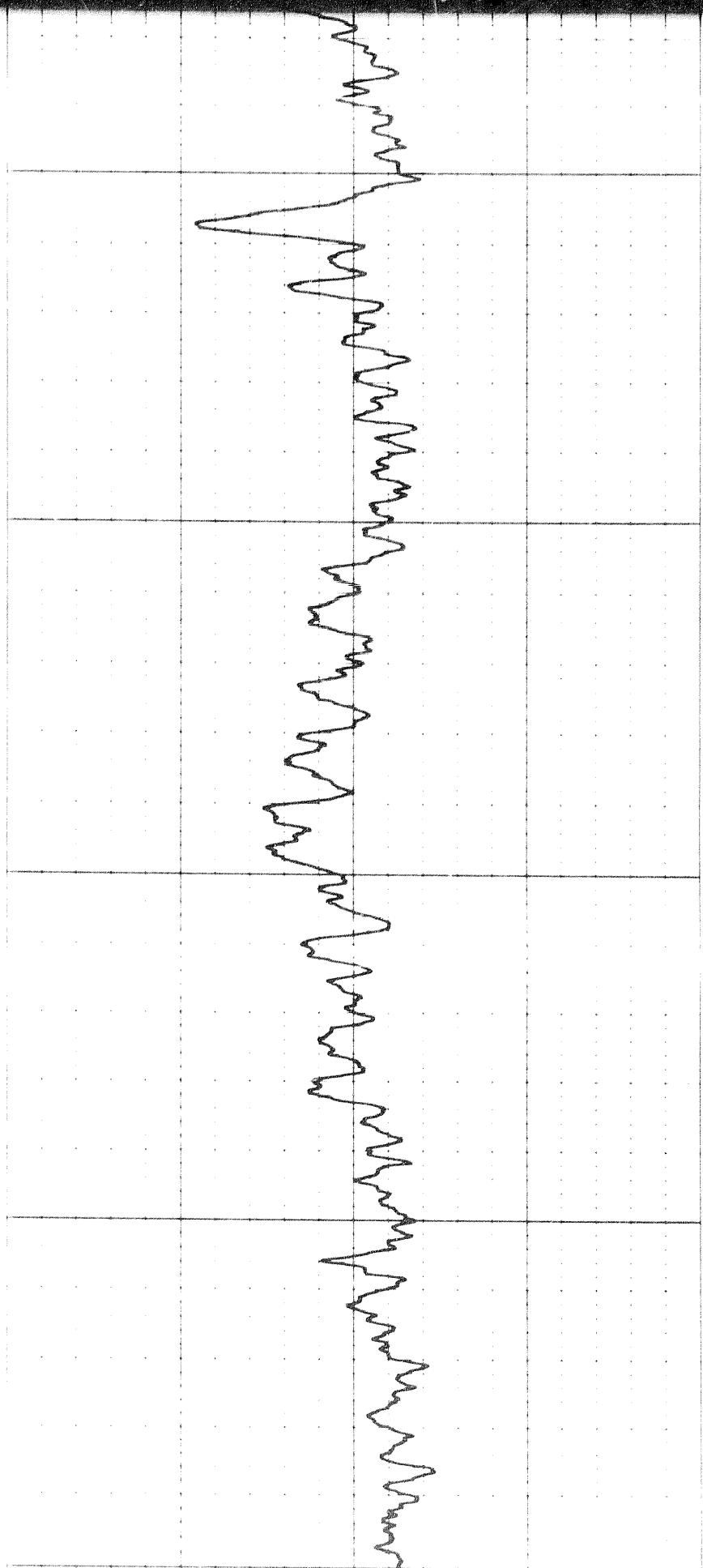


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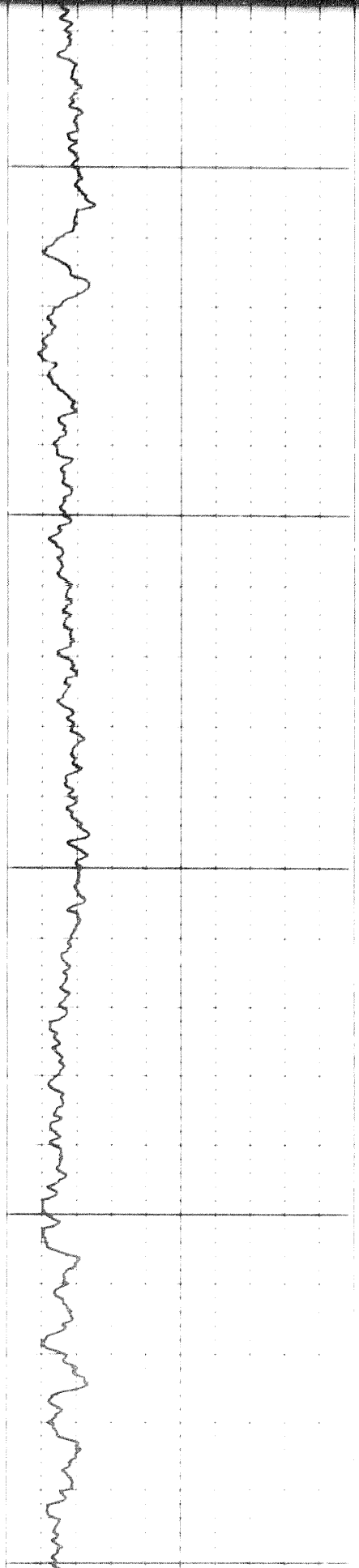


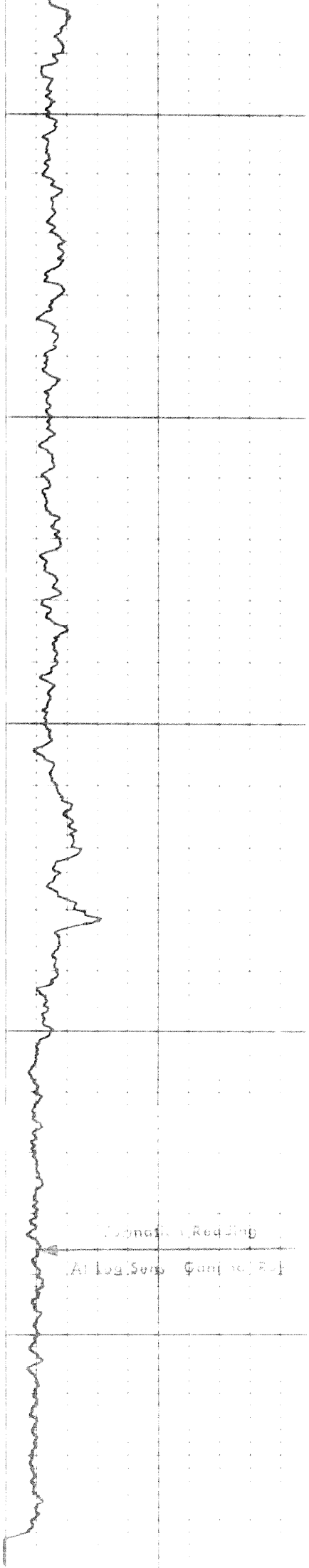
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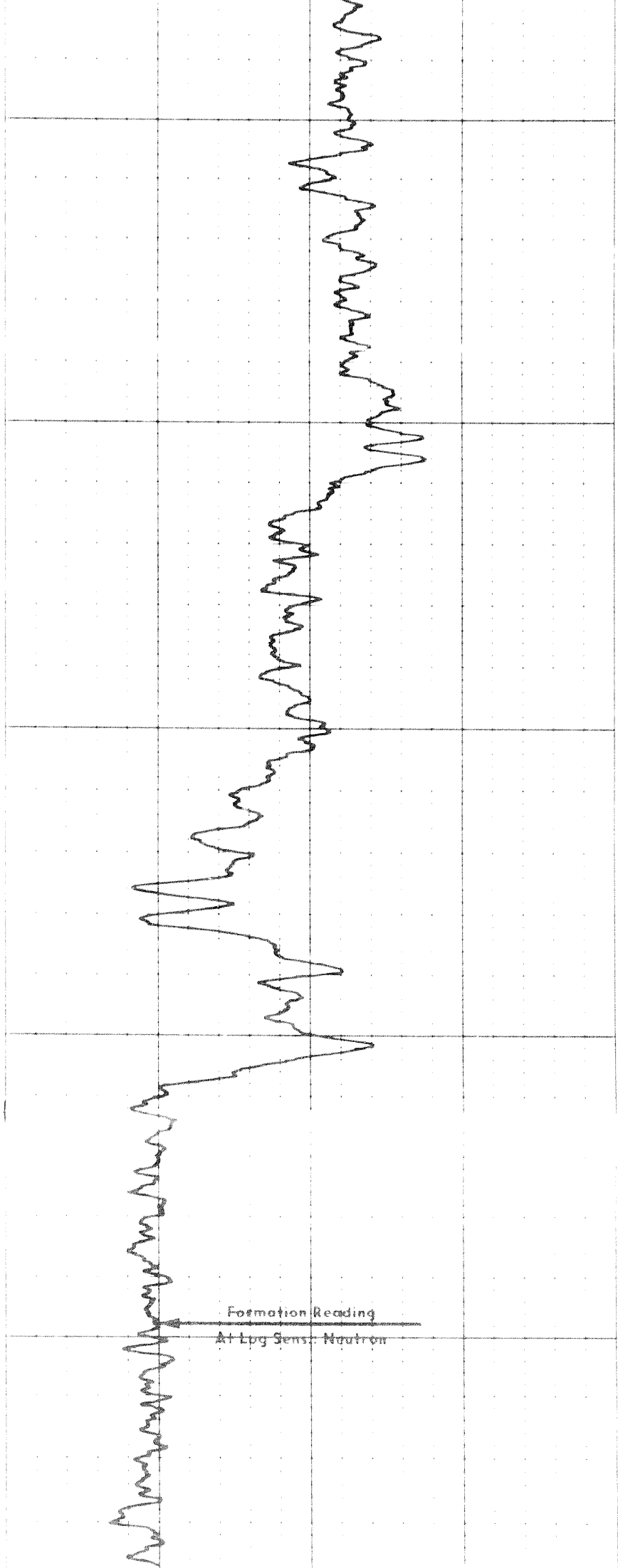




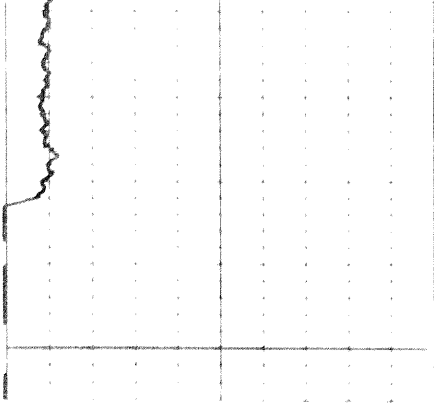
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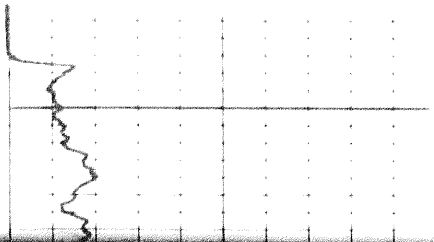
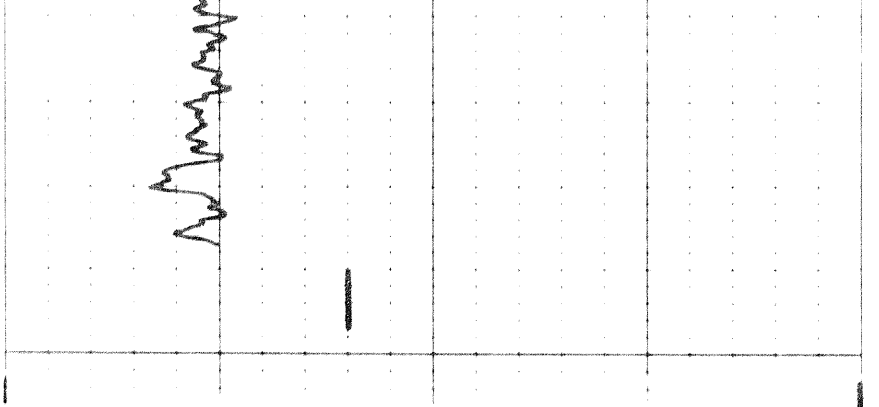
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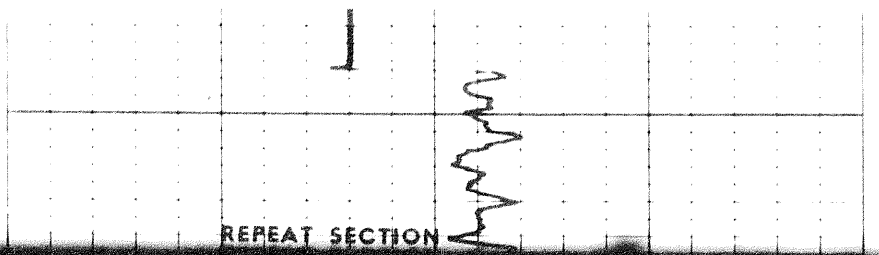
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At Log Sens. Neutron



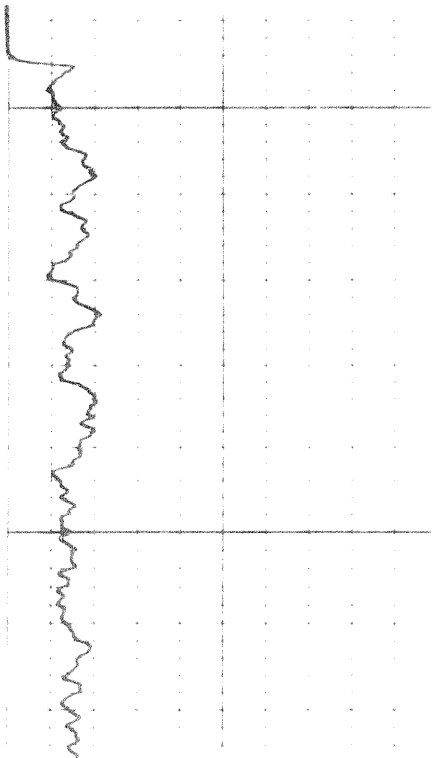
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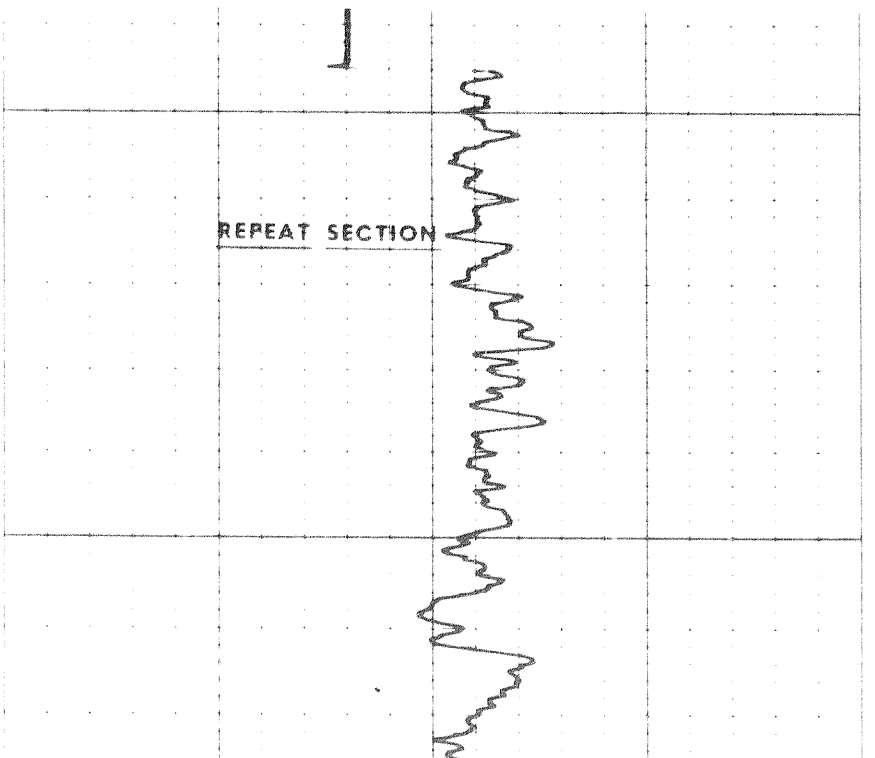
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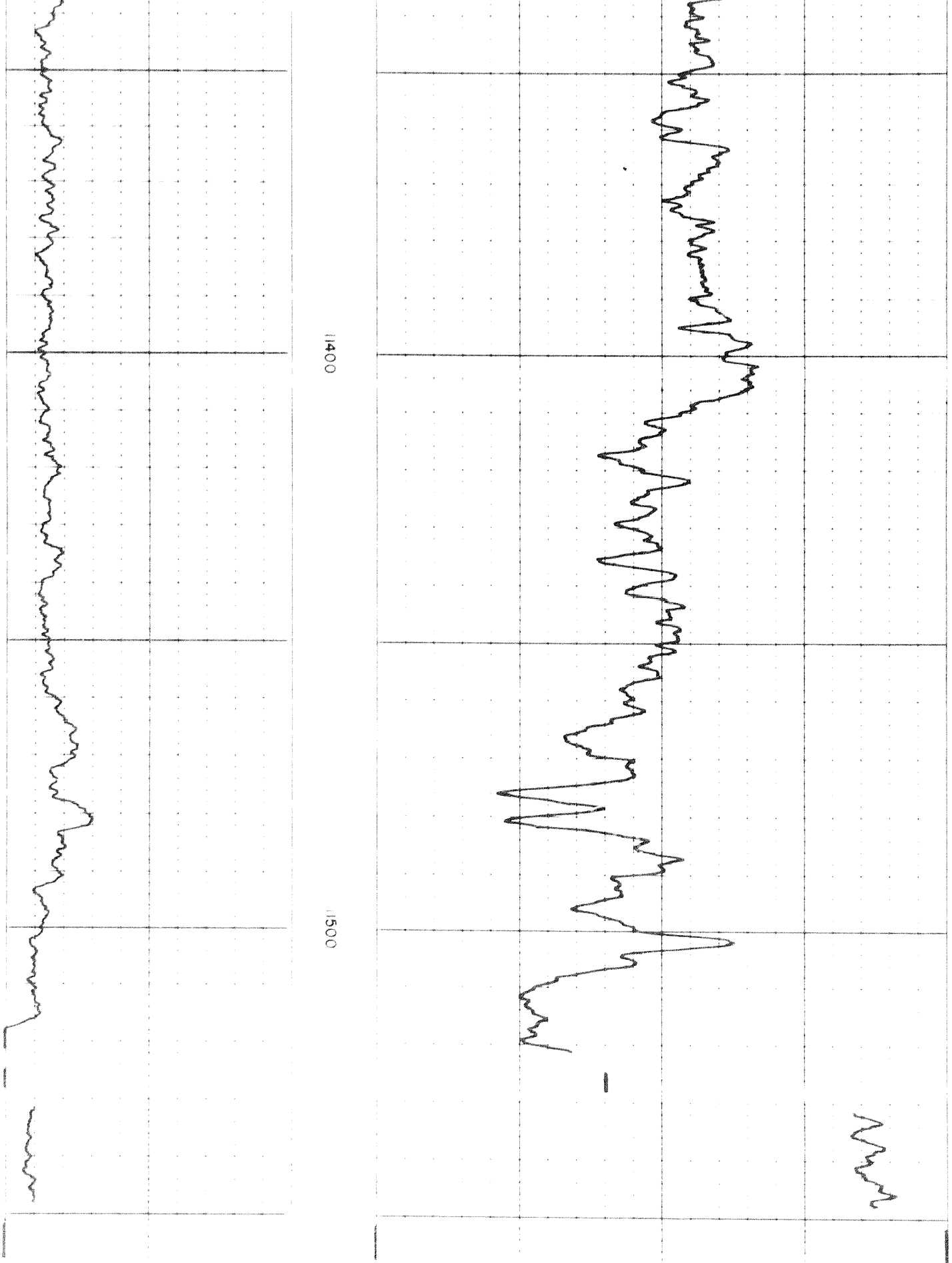
REPEAT SECTION



11300



REPEAT SECTION



COMPANY Schlumberger Canada Limited

WELL / POINT / TO THE WESTERN MINERALS / TITTLE / T-5

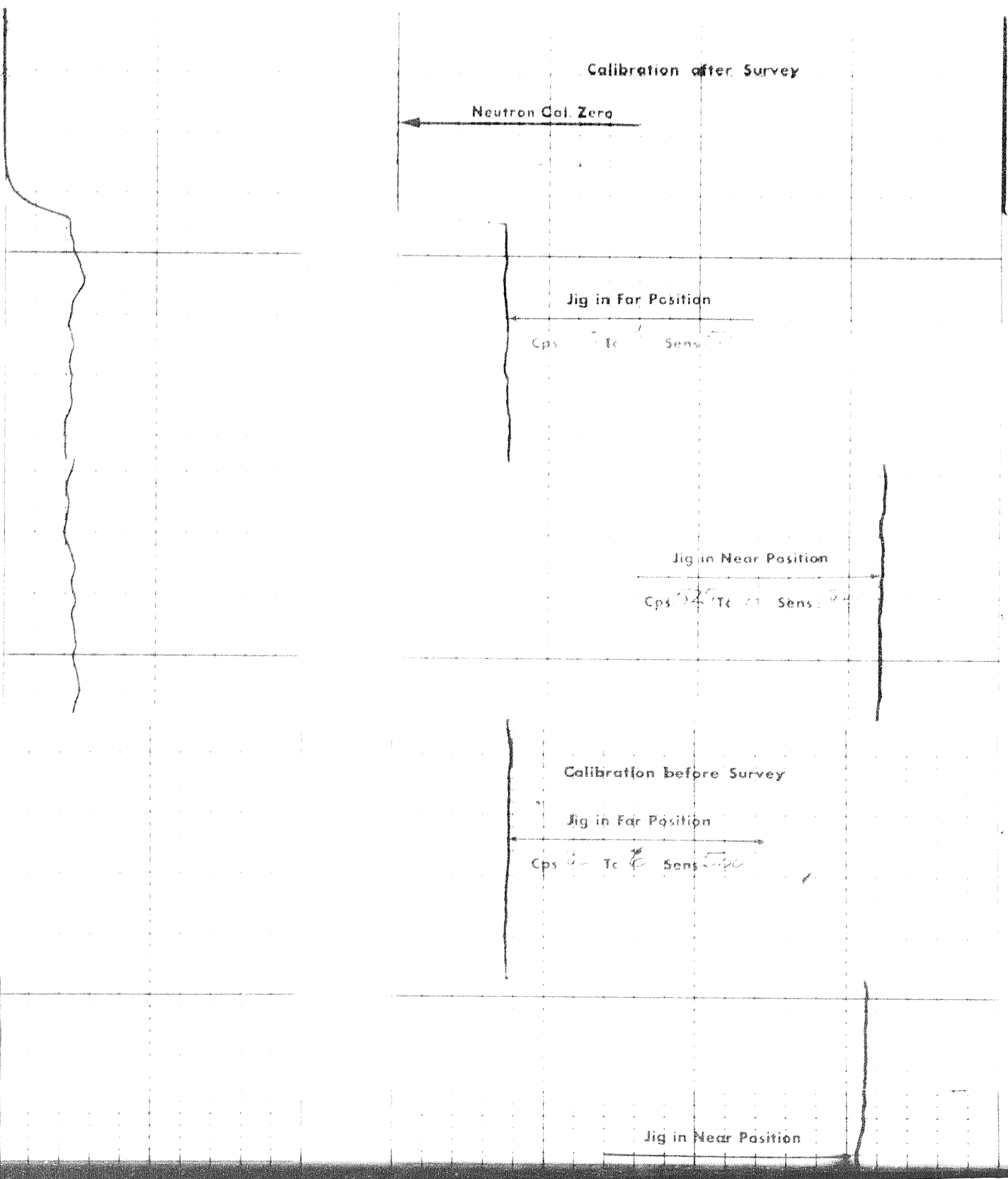
FIELD / TLU AT (PAGE) PROVINCE / NORTH TERRITORIES
 (METRE) AREA

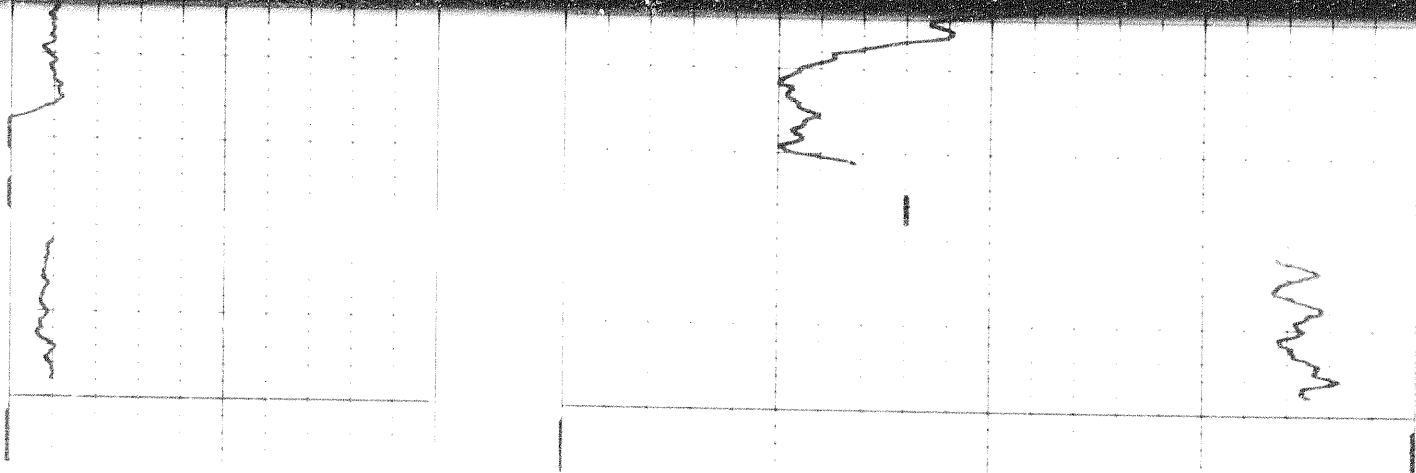


COMPANY SINOBRITISH PETROLEUM CANADA LIMITED



WELL SINOBY NORTH WESTERN MINERALS CO. TUTTLE YT N-5
FIELD WILDCAT (EAGLE PLAINS AREA) PROVINCE YUKON TERRITORIES



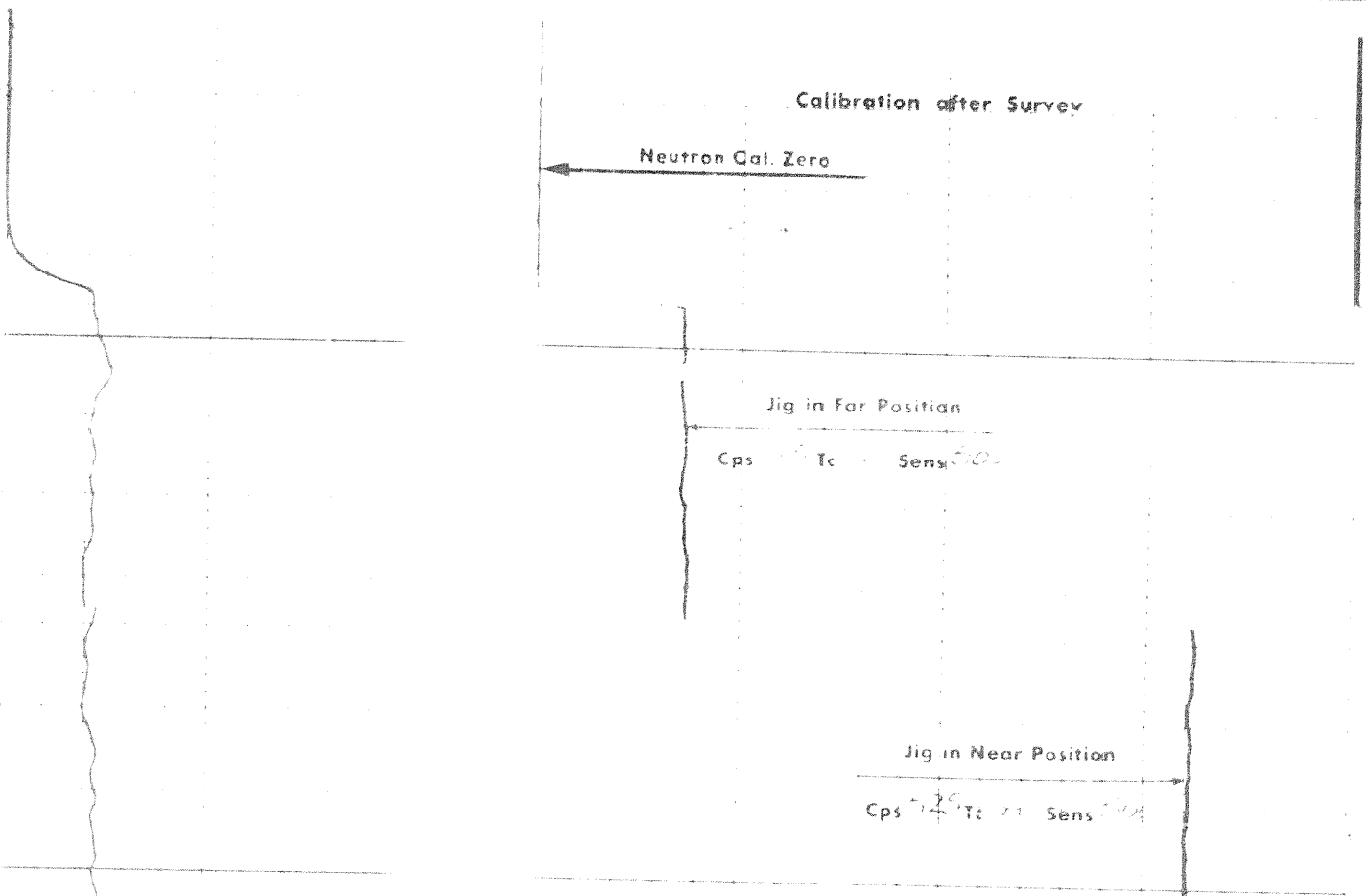


COMPANY SLOAN MOBILE OIL OF CANADA LIMITED



WELL SLOAN MOBILE WESTERN MINERALS W. TUTTLE YT N-5

FIELD WILD CAT (EAGLE PLAINS AREA) PROVINCE YUKON TERRITORIES



Calibration before Survey

Jig in Far Position →

Cps \approx Tc \approx Sens \approx 50

Calibration before Survey

Jig in Far Position

Cps 6×10^6 Tc 6 Sens 500

Jig in Near Position

Cps 485 Tc 6 Sens 500

0010

0010

Neutron Background

Cps 2 Tc 6 Sens 500

Neutron Cal. Zero

077 MA RAY CAL
 @ API UNITS
 4 1/2" 5 3/4"

372839



DUAL INDUCTION-LAT
 SCHLUMBERGER OF CANADA

PROVINCE YUKON TERRITORIES
 FIELD WILDCAT (EAGLE PLAIN AREA)
 WELL SOLONY MOBIL WESTERN
 MINERALS S. TUTTLE YT N-5
 COMPANY SOLONY MOBIL OIL
 OF CANADA LIMITED

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| COMPANY SOLONY MOBIL OIL OF CANADA LIMITED | WELL SOLONY MOBIL WESTERN MINERALS S. TUTTLE YT N-5 | PROVINCE YUKON TERRITORIES | FIELD WILDCAT (EAGLE PLAIN AREA) |
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