



ACOUSTIC CEMENT
BOND LOG

Well File

CC. ANY CHEVRON USA, INC.
WELL EMERALD 79X
FIELD RANGELY
COUNTY RIO BLANCO STATE COLO.

COMPANY CHEVRON USA, INC.
WELL EMERALD 79X
FIELD RANGELY
COUNTY RIO BLANCO STATE COLORADO
API No. _____
Location 1435' FSL
1321' FEL
Other Services NONE

Permanent Datum GROUND LEVEL Elev. 5513.7
Log Measured From KELLY BUSHING 16.9 Ft. Above Perm Datum
Drilling Measured From KELLY BUSHING

Date & Time Logged 6/5/84
Run No ONE
Depth-Driller 6712' P.B.
Depth-Logger 6698'
Bm Logged Interval 6687'
Top Logged Interval SURFACE
Max Temp °F 166° MEASURED
CEMENTING DATA
Date/Time Cemented _____
Primary/Squeeze _____
Cement Volume 240 SKS.
Cement Type/Weight 50.50 POZ
FORMULATION _____
Mud Type Mud Wt _____
RUN _____

BOREHOLE RECORD
No Bit From To Size Wgt From To
ONE 13 3/4" SURF. 3100' 9 5/8" SURF. 3009'
TWO 8 3/4" SURF. TD 7" 23 & 26# SURF. TD

SCANNED
INTO EWF

Fold Here

Part Number 261

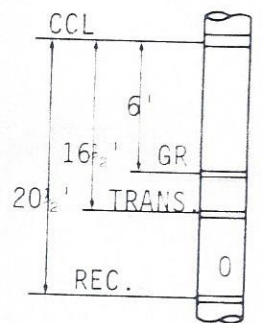
Service Ticket No. 127428 API Serial No. _____ PGM Version: _____
The Well Name, Location, Cementing Data & Borehole Description Furnished By Client

CEMENTING DATA
Cement pumped _____ bbl/min @ _____ psi
Preceding fluid _____ volume _____ bbl
Returns? ☐ full ☐ partial ☐ none
Pipe rotated/recipitated during pumping? ☐ yes ☐ no
after plug down? ☐ yes ☐ no
Plug bumped? _____ psi
Plug landing pressure _____ psi
Pressure held _____ hrs after pumping
Centralizers _____ / Joint from _____ to _____
Scratches _____ / Joint from _____ to _____

EQUIPMENT DATA
GAMMA NEUTRON ACOUSTIC
Run No ONE Run No _____ Run No ONE
Serial No 104181 Serial No _____ Serial No 26243
Model No 507 Model No _____ Model No 307
Diameter 3.50 Diameter _____ No of Cent TWO
Detector Model No ----- Log Type _____ Spacing 4'
Type ----- Source Type _____
Length ----- Serial No _____
Distance to Source ----- Strength _____

LOGGING DATA
GENERAL GAMMA NEUTRON ACOUSTIC
Run No _____ Depths _____ Well head _____ Speed _____ Scale _____ Scale _____ Scale _____
From To Pressure, psi ft/min L R L R L R
ONE SURF. T.D. 0 30 0 150 ----- 200 1200

Remarks REPEAT LOGGED SIX FEET SHALLOW.

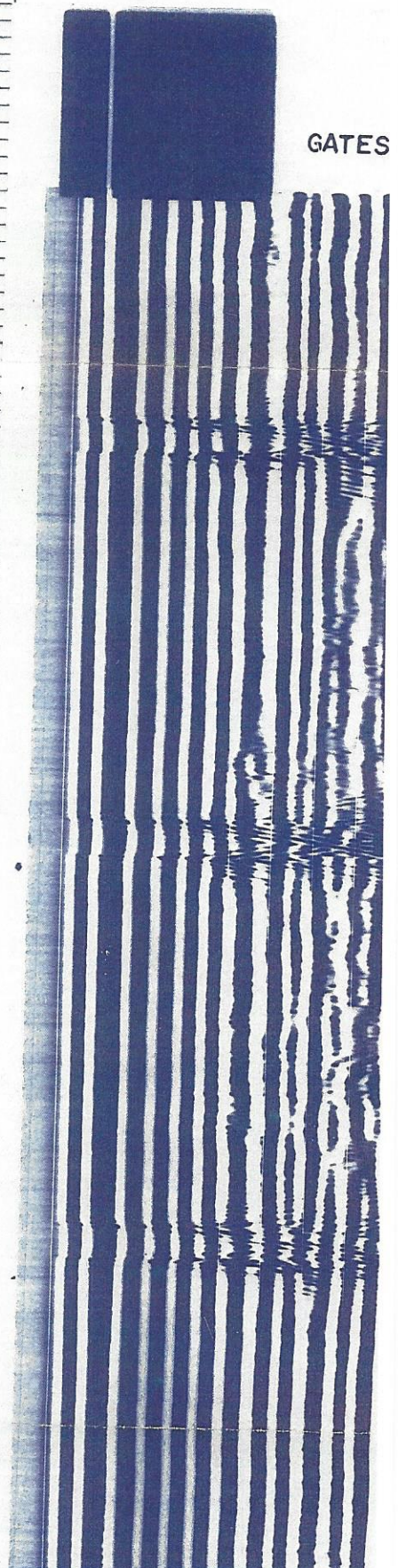
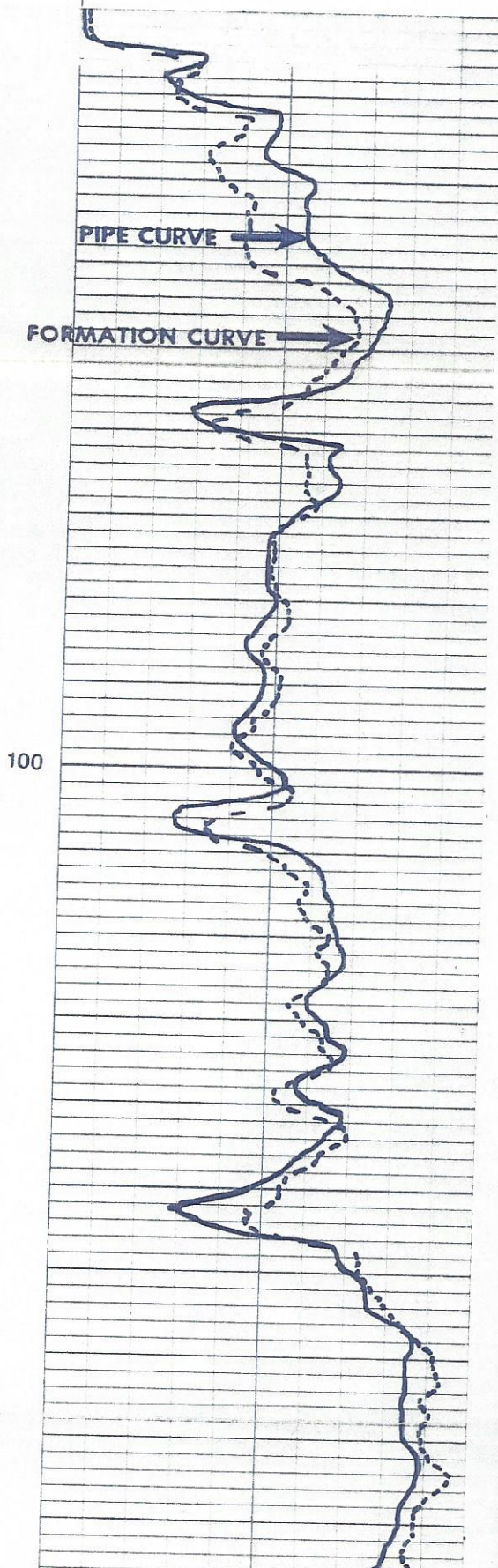
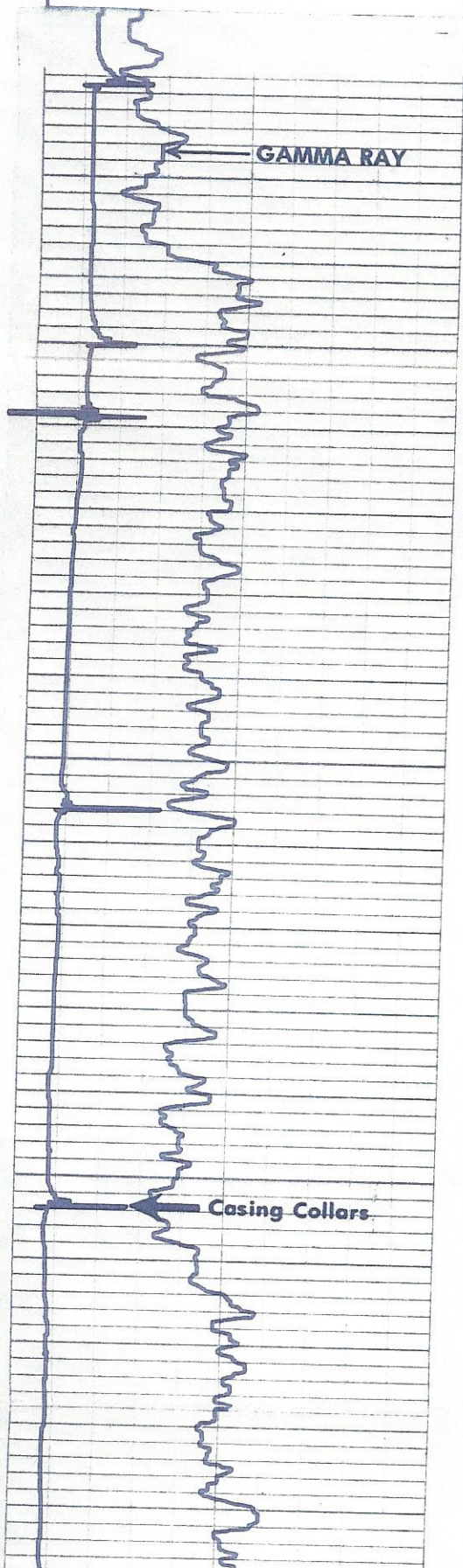


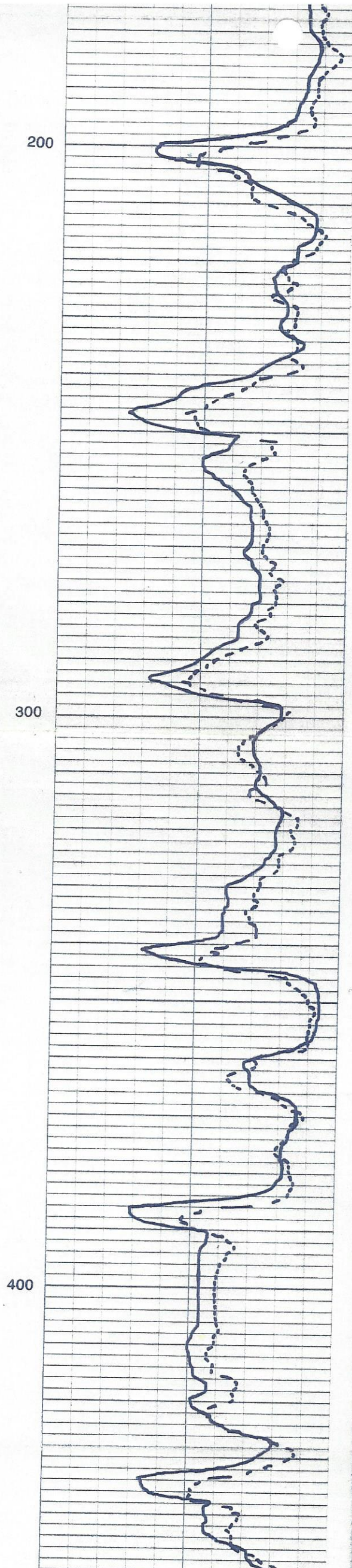
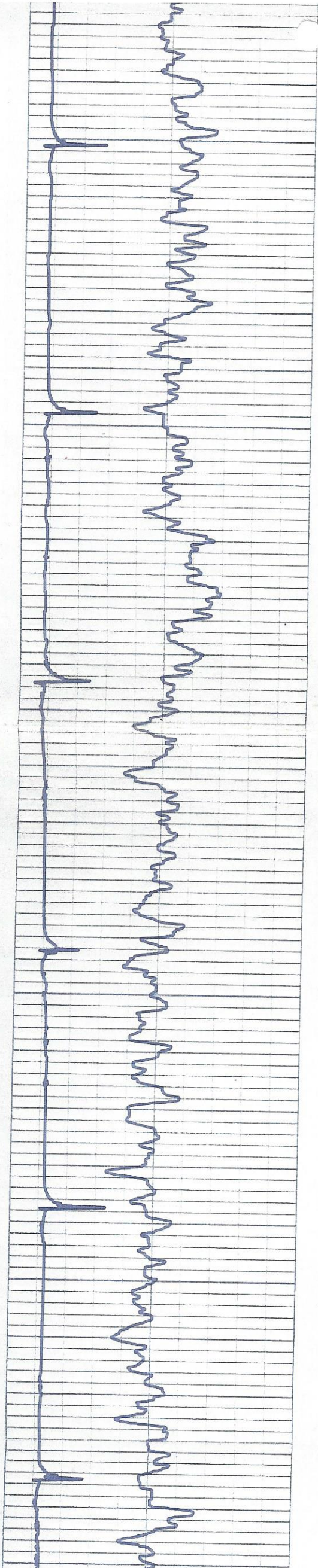
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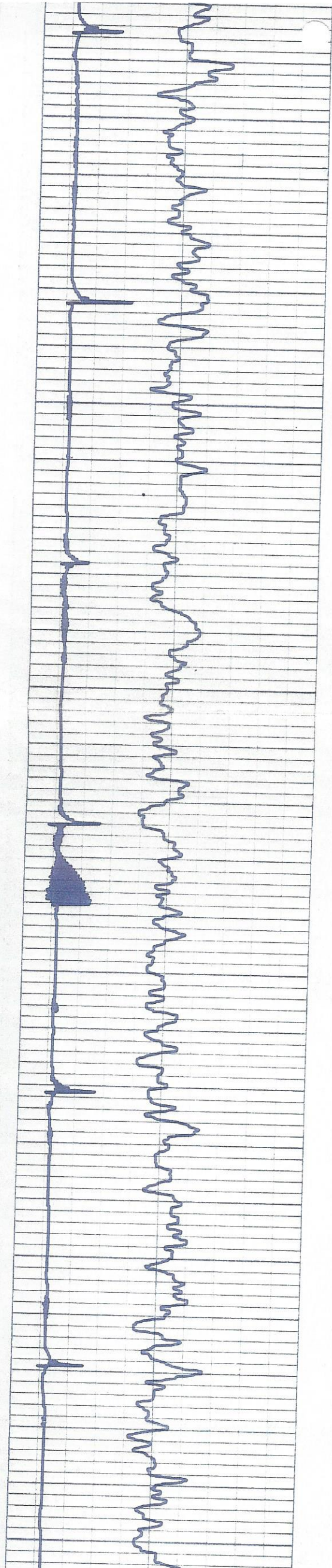
6'
16 1/2' GR
20 1/2' TRANS
REC.

Welex is not responsible for any interpretation of log data, conversion of log data to physical rock parameters or recommendations which may be given by Welex personnel or which may appear on the log. Any use of log data, interpretation, conversion or recommendations agrees that Welex is not responsible, except where due to gross negligence or willful misconduct for any loss, damages or expenses resulting therefrom.

GAMMA API Gamma Ray Units		DEPTH	AMPLITUDE	
0	150		PIPE	
150	250		FORMATION	
			200 u sec	



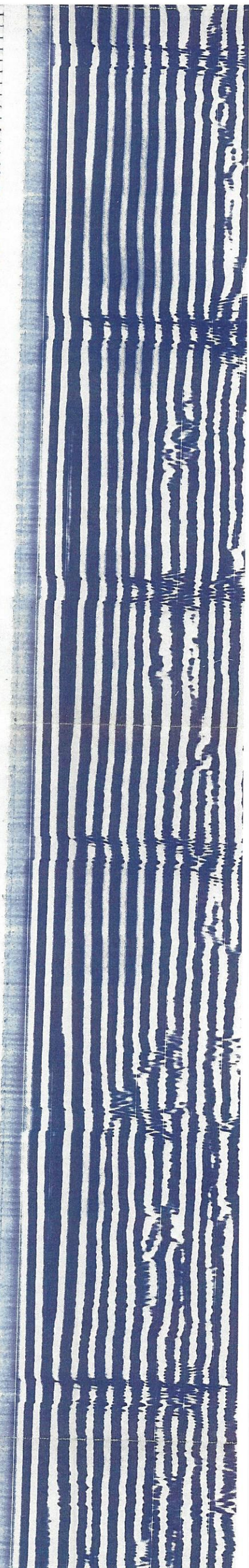
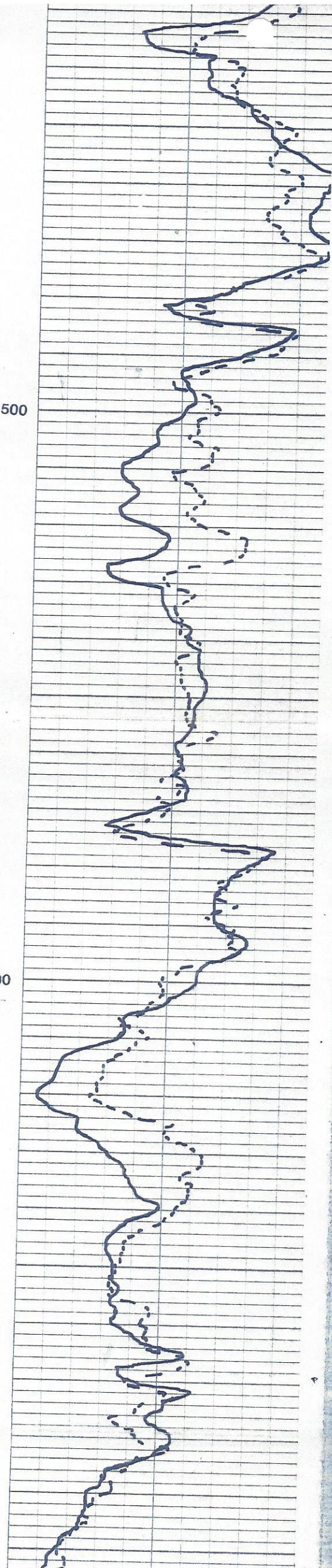


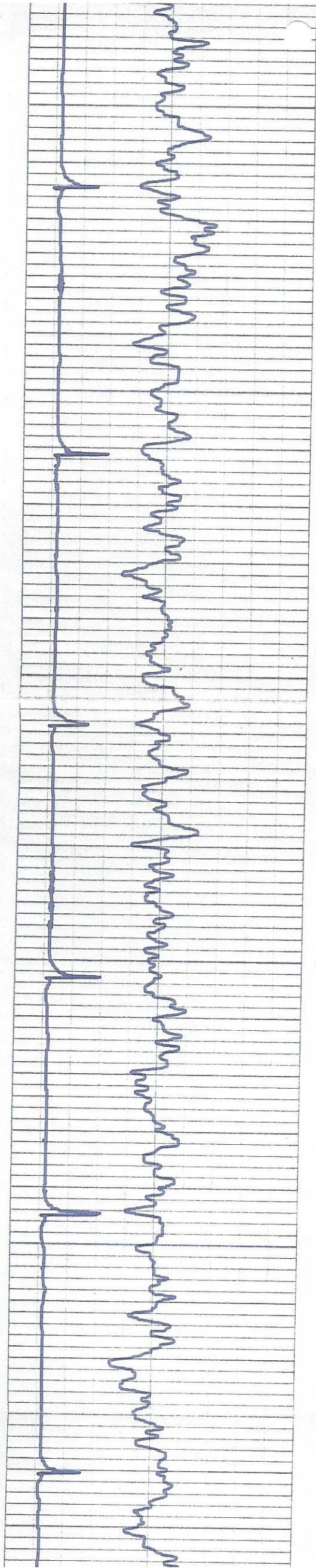


500

600

700

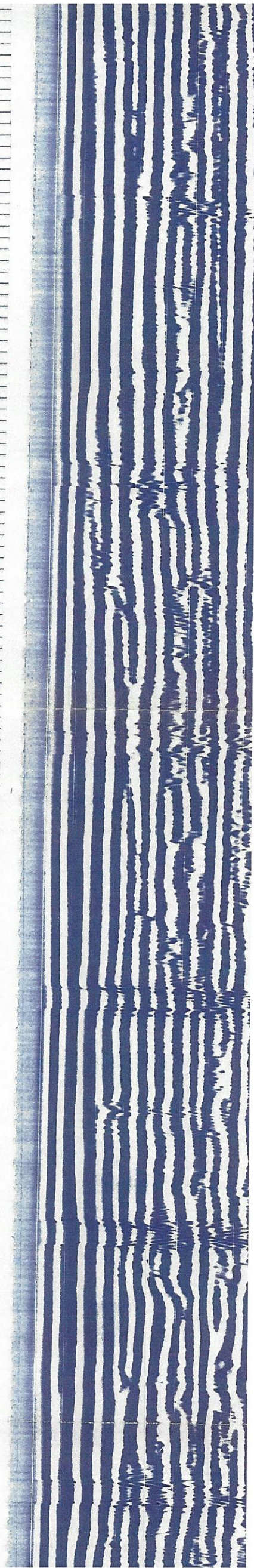
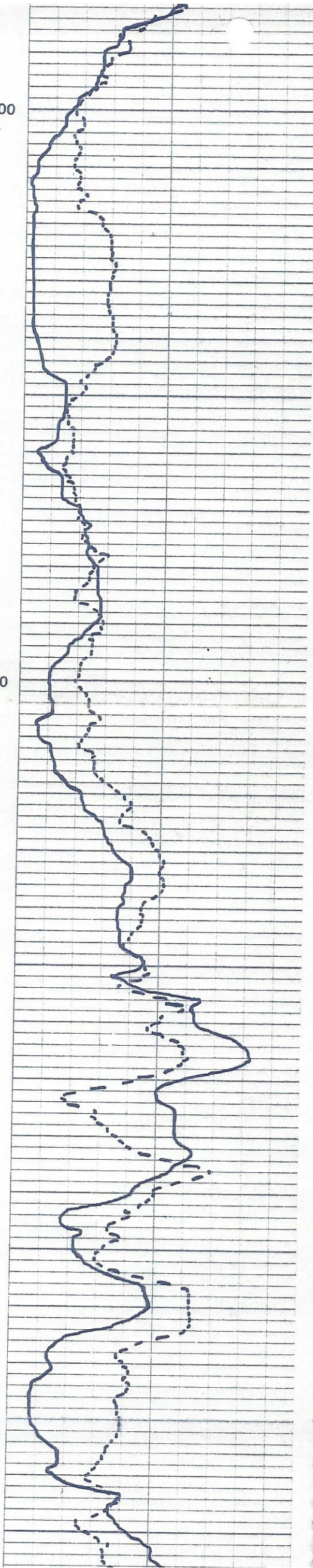


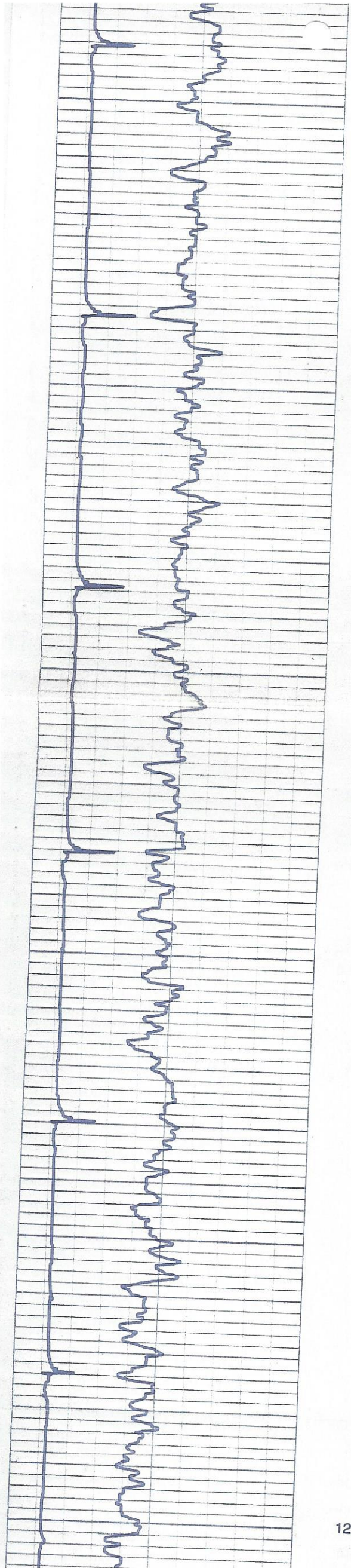


700

800

900

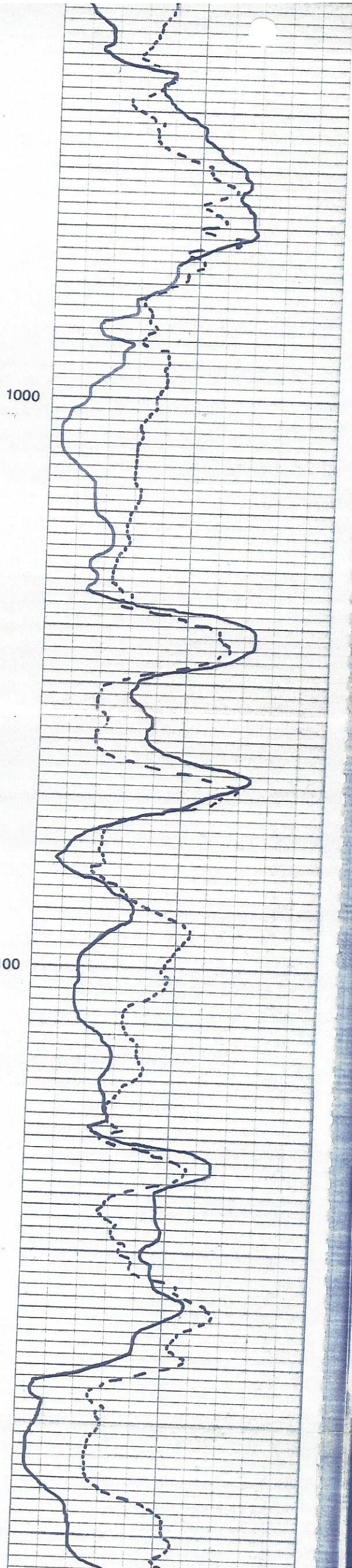


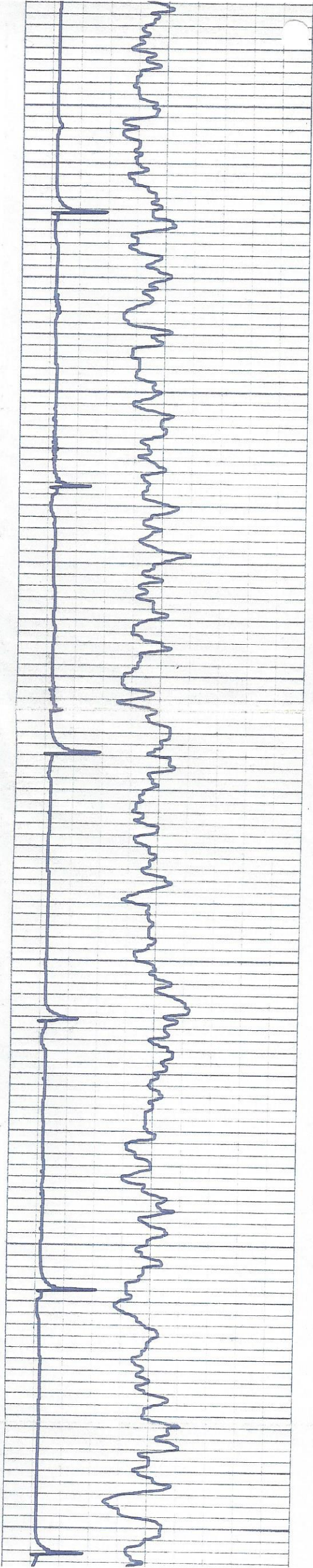


1200

1100

1000

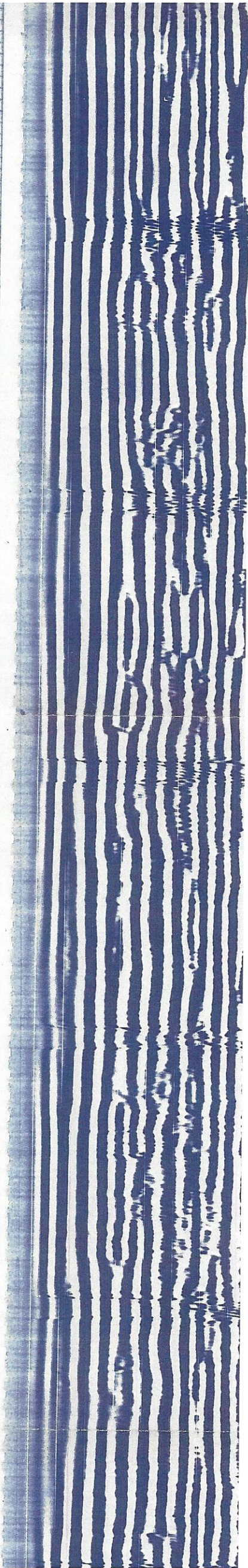
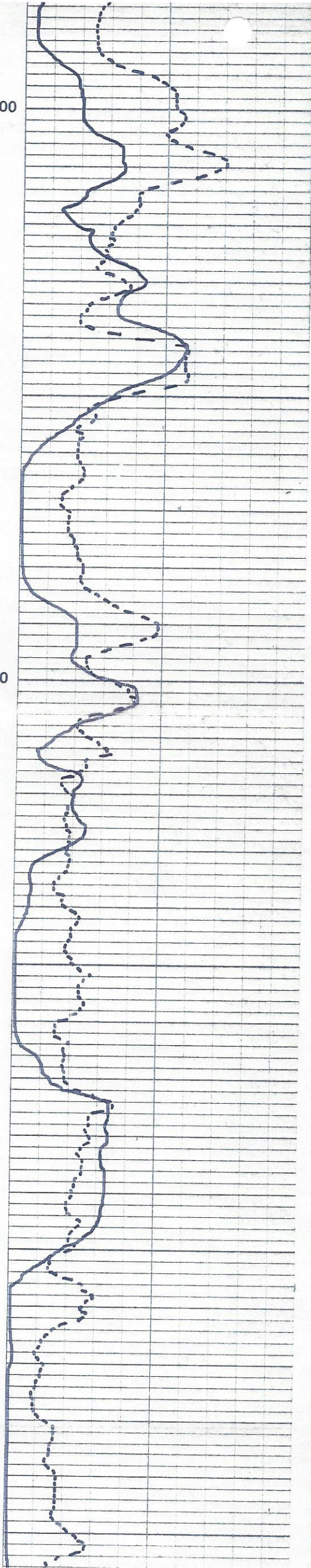


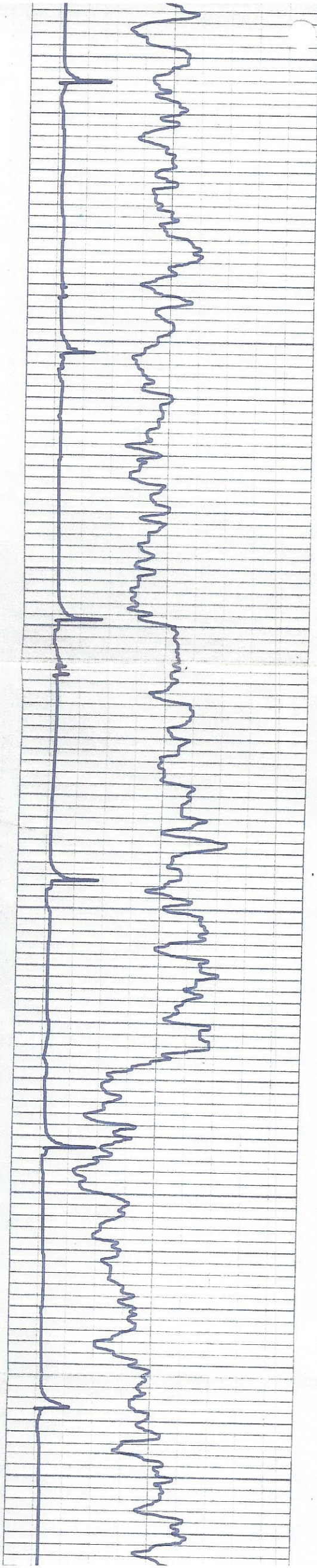


1200

1300

1400

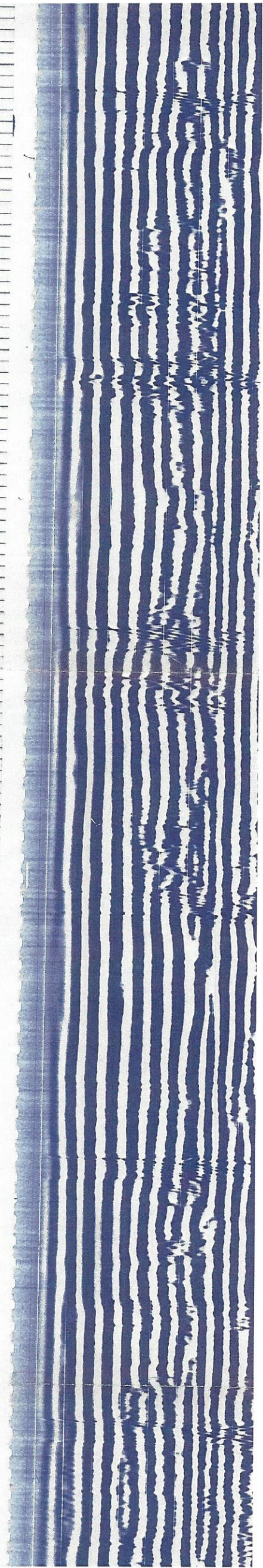
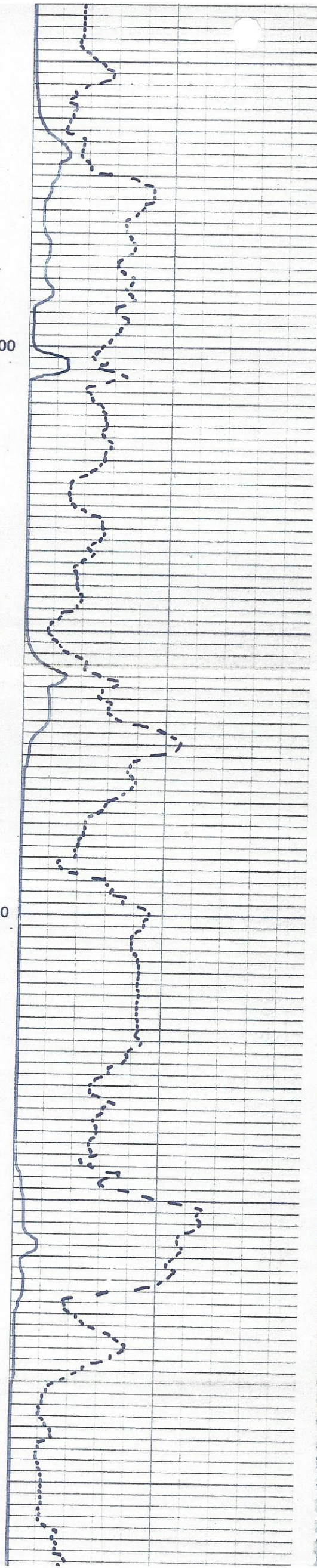


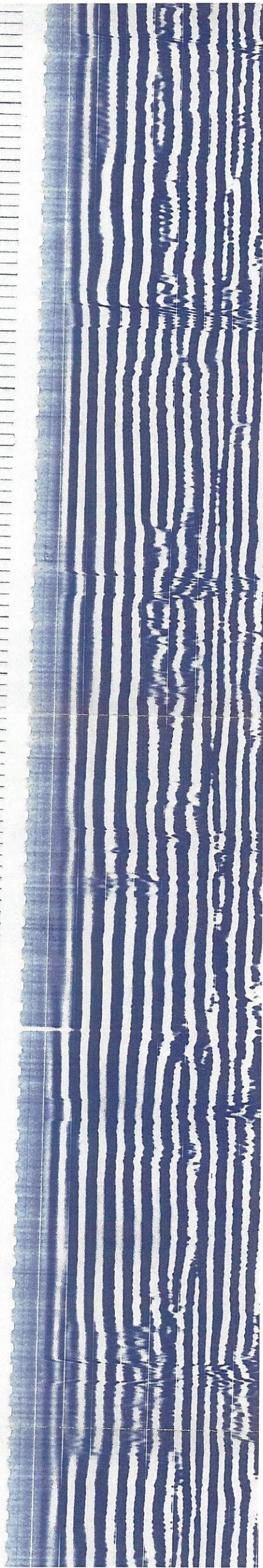
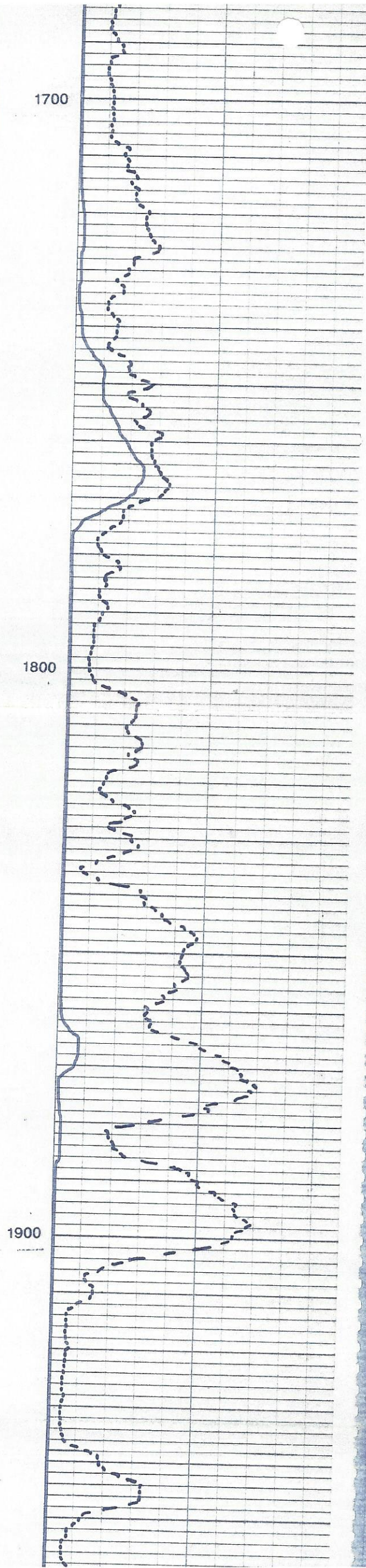
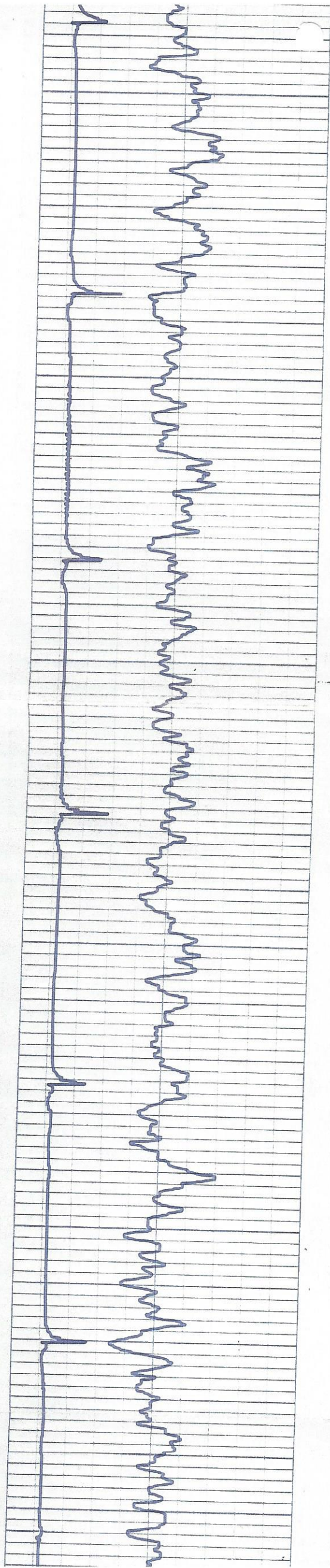


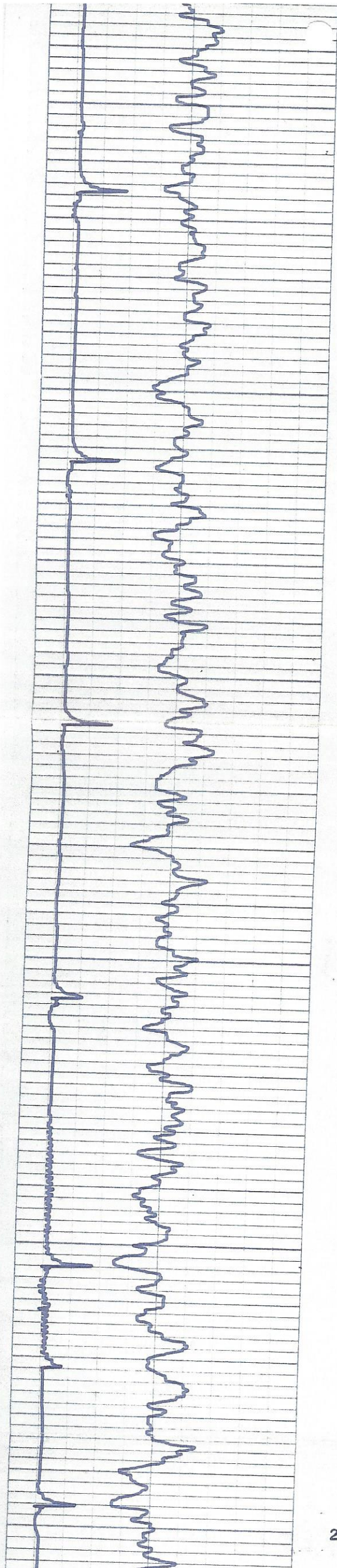
1500

1600

1700



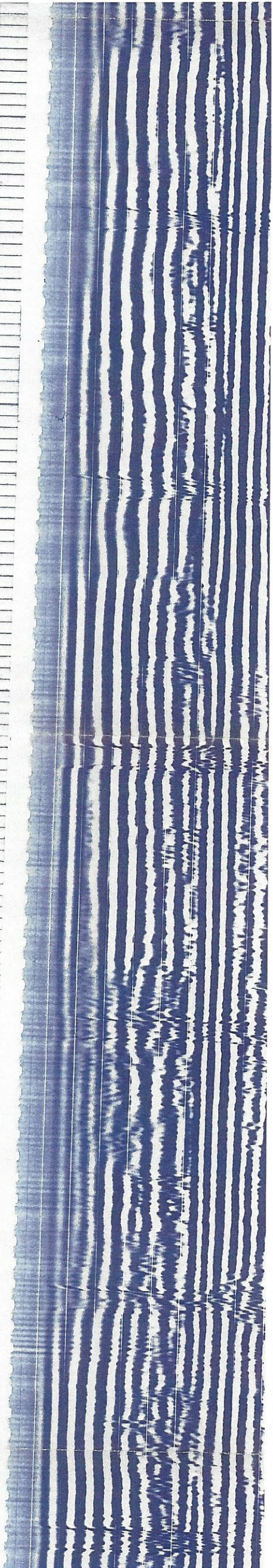
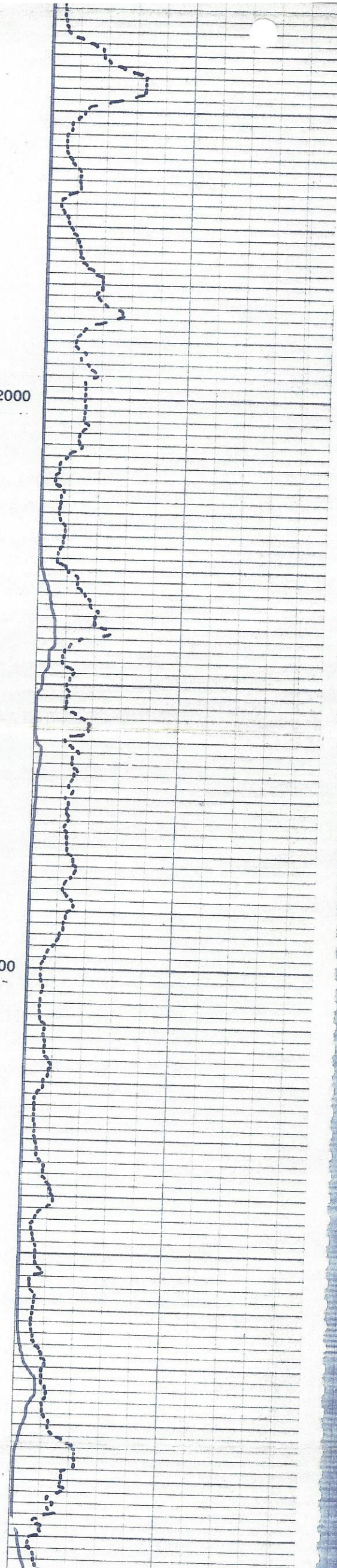




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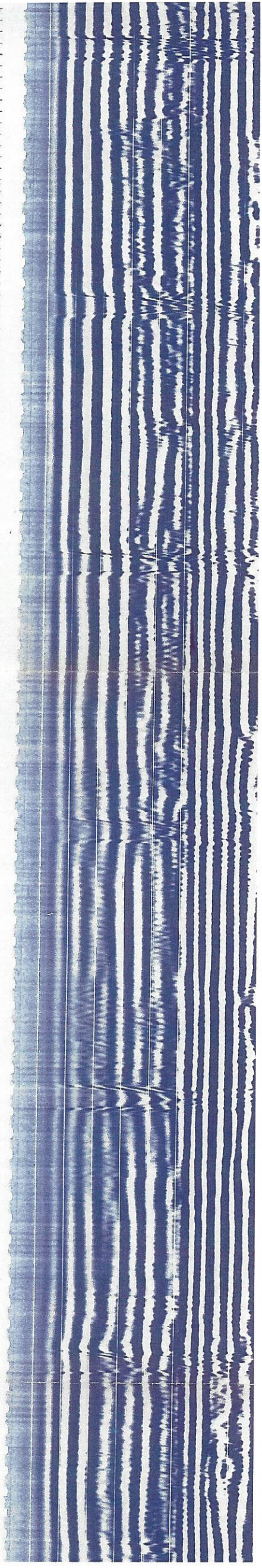
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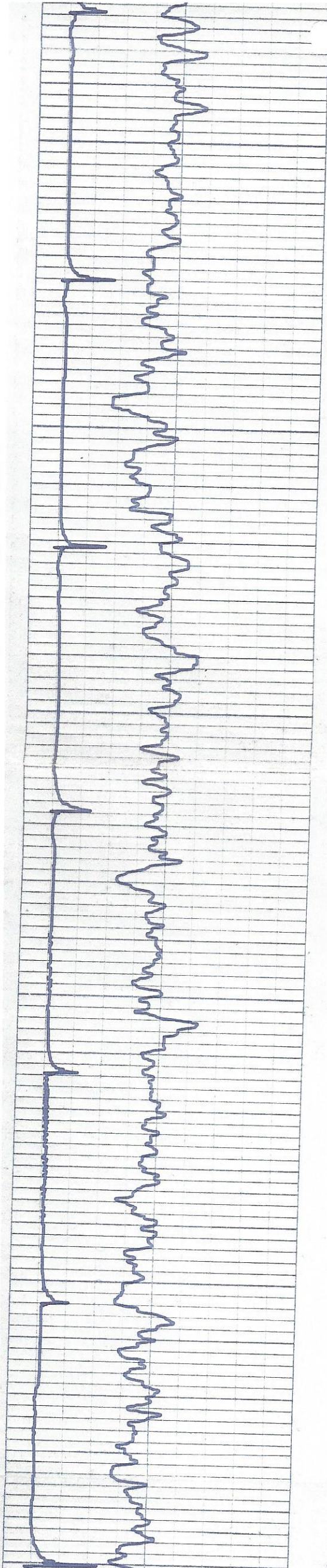


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2300

2400

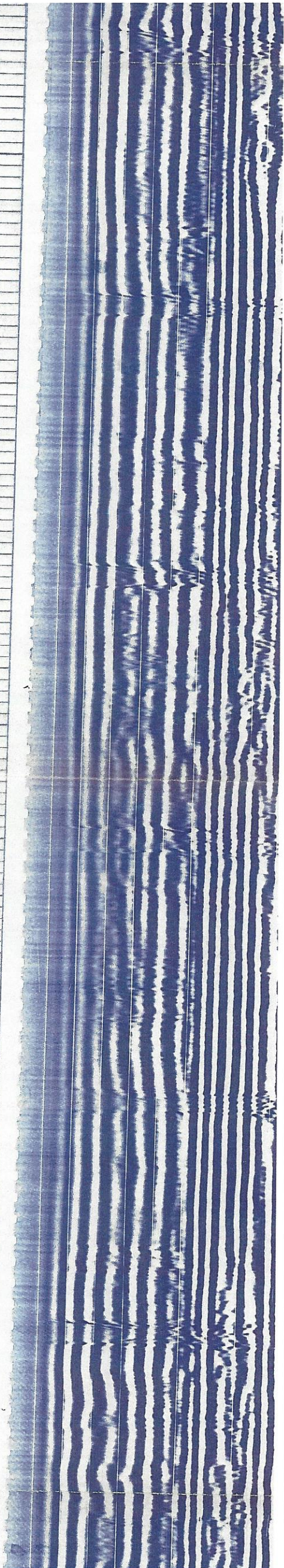
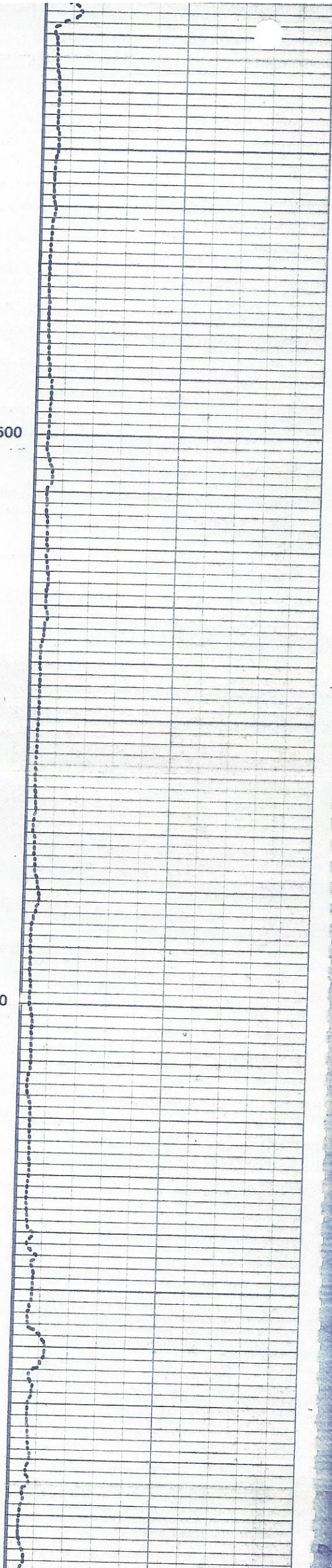


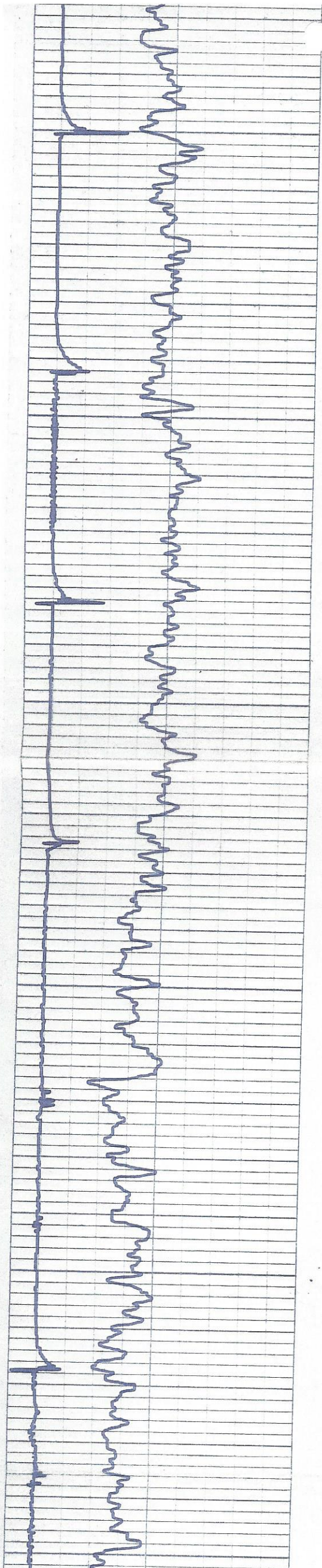


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2600

2700

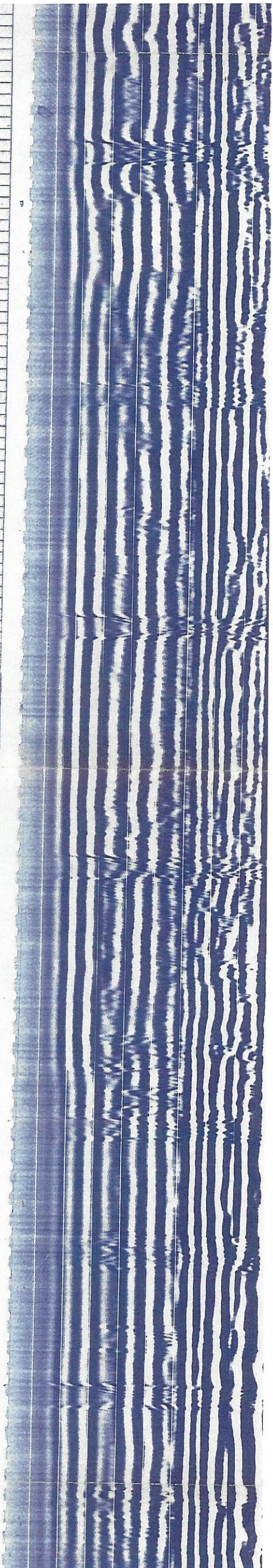
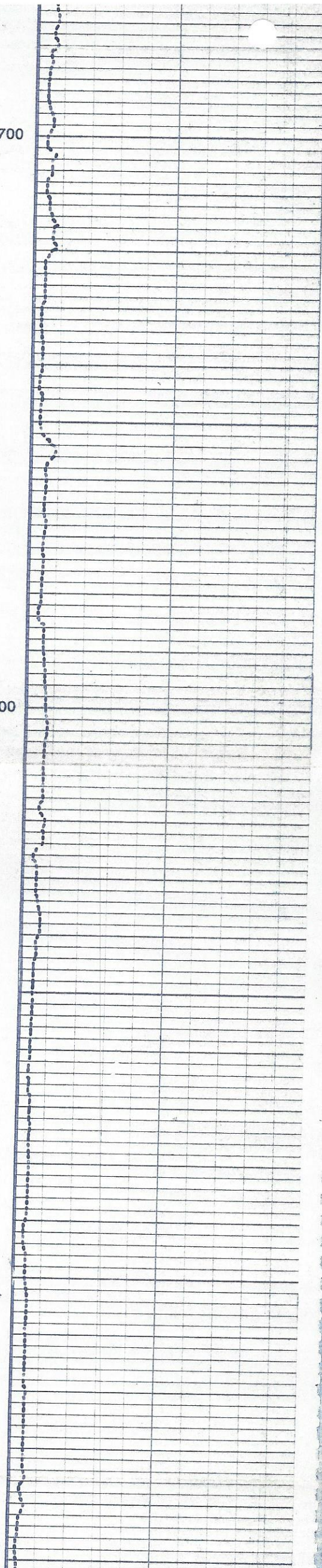


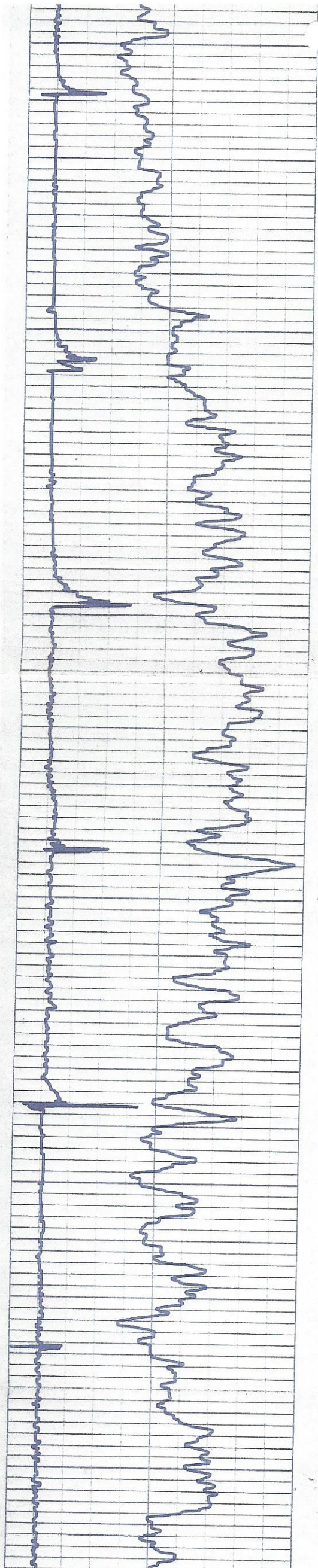


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2800

2900

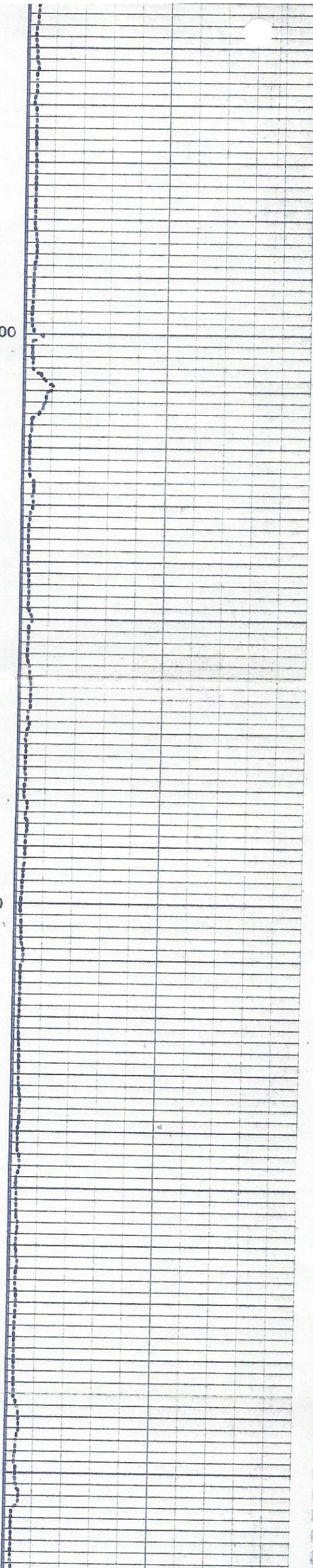


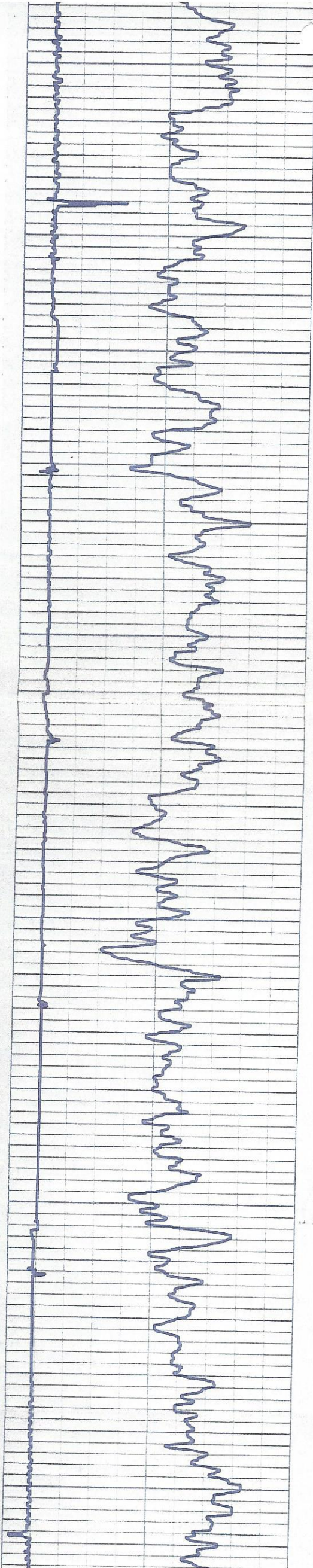


3000

3100

3200

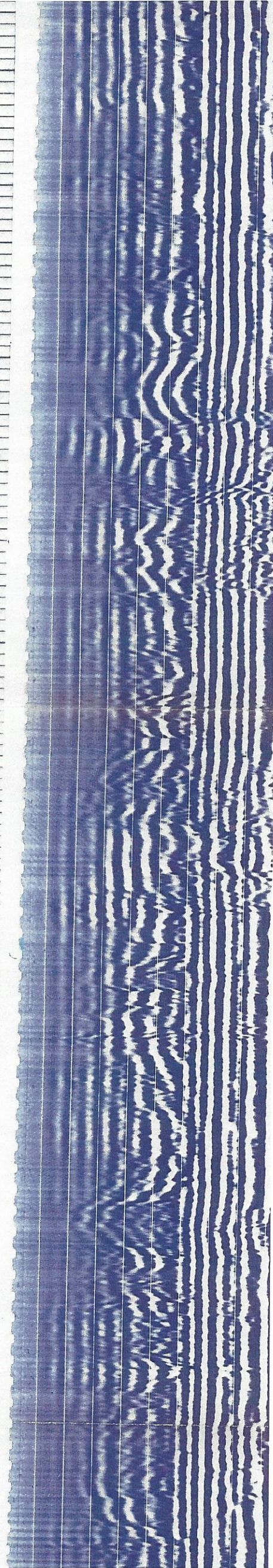
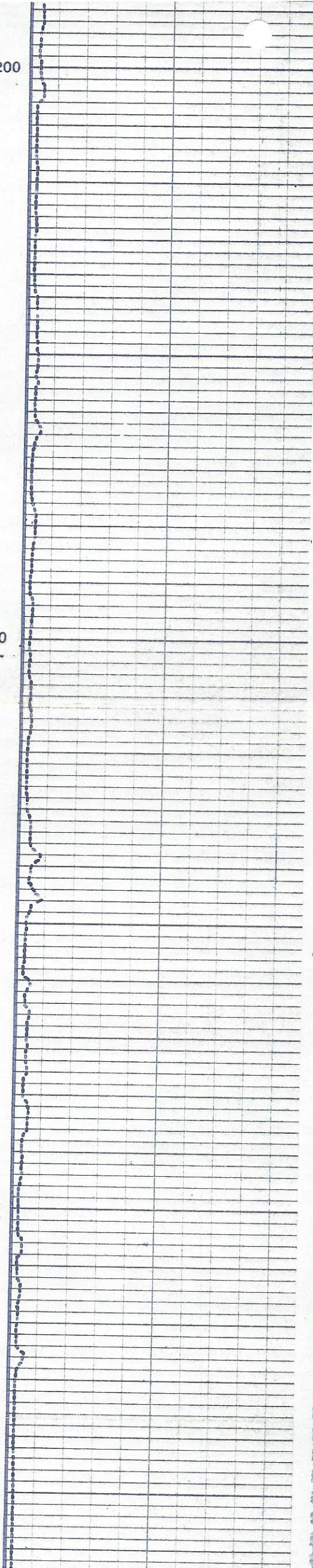


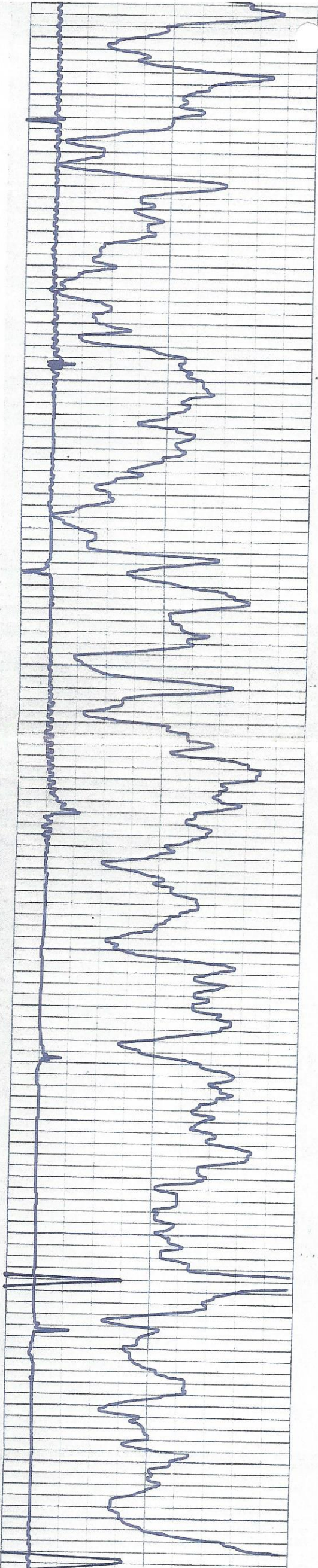


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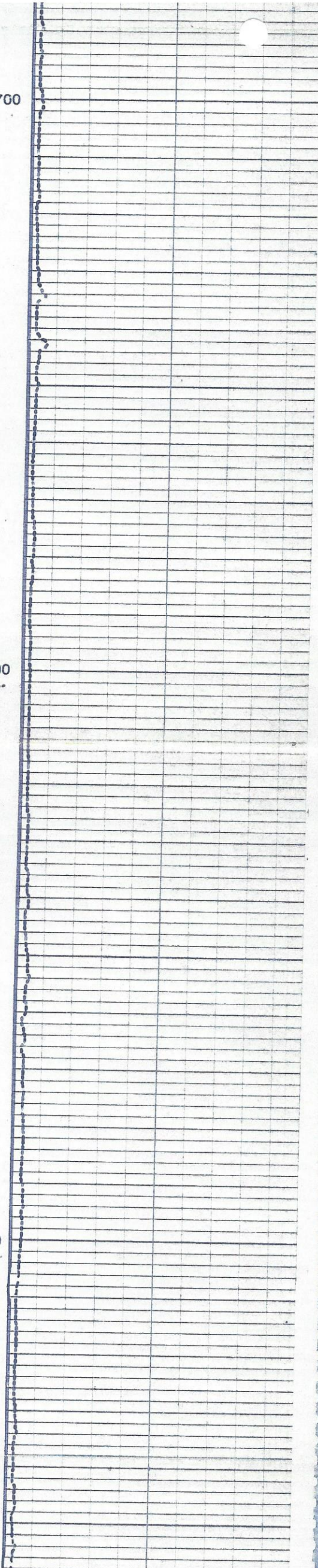


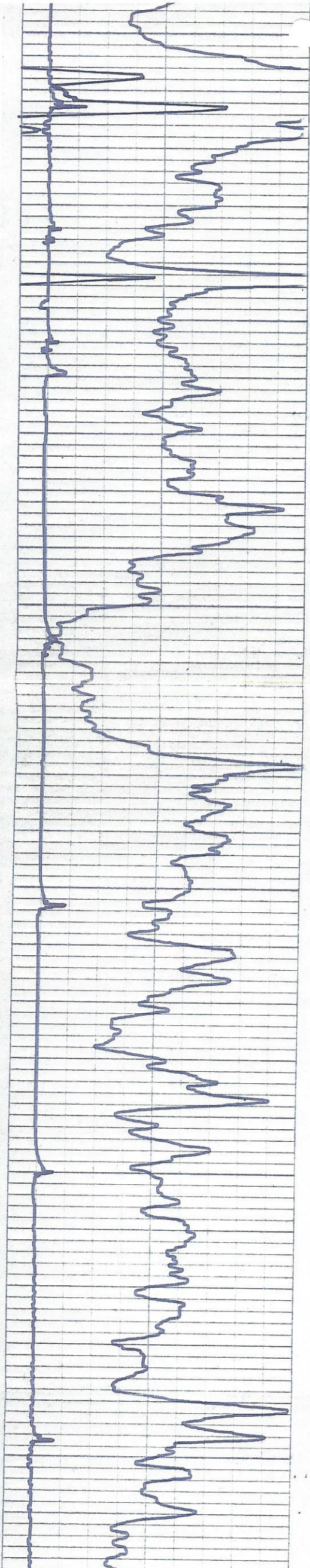


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3800

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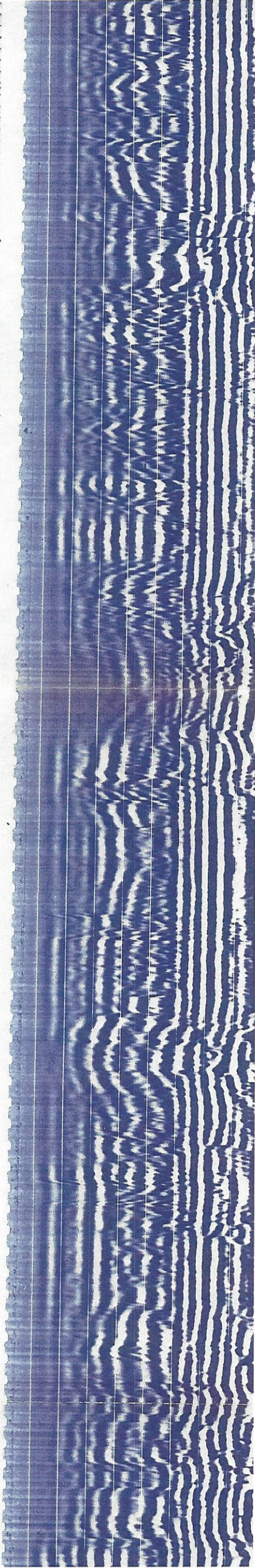
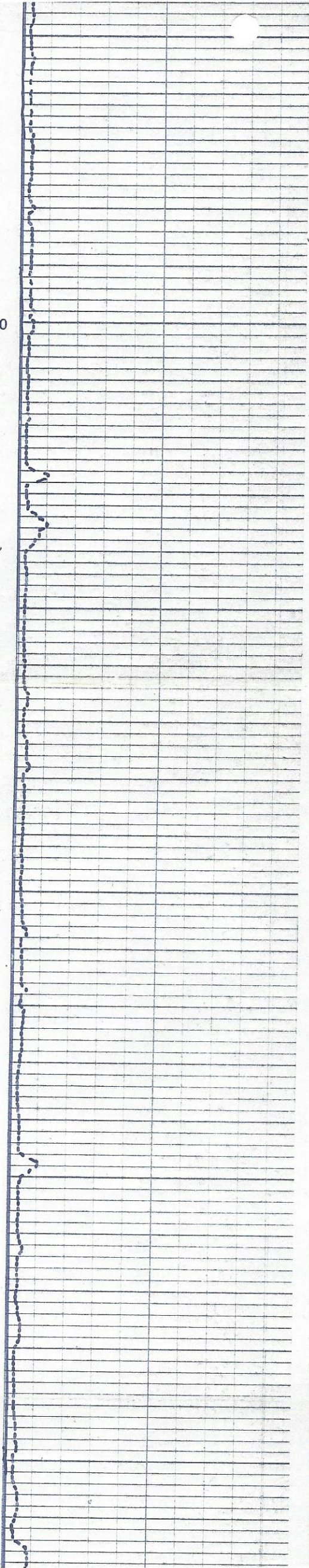




4000

4100

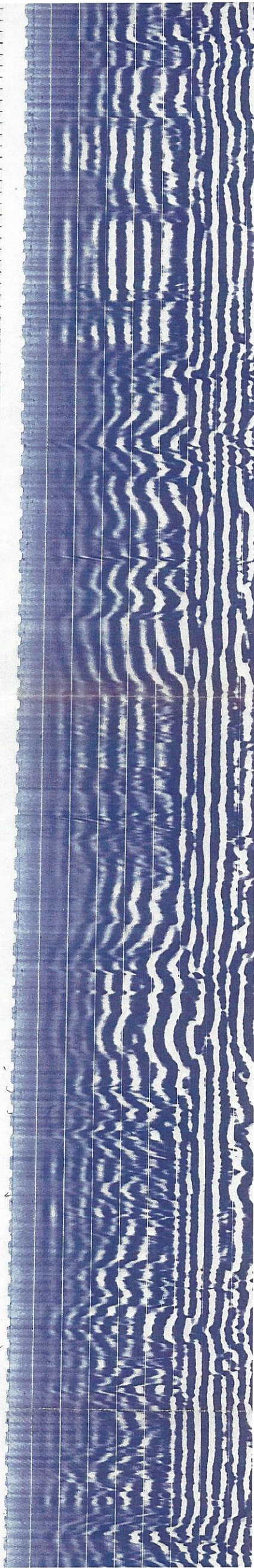
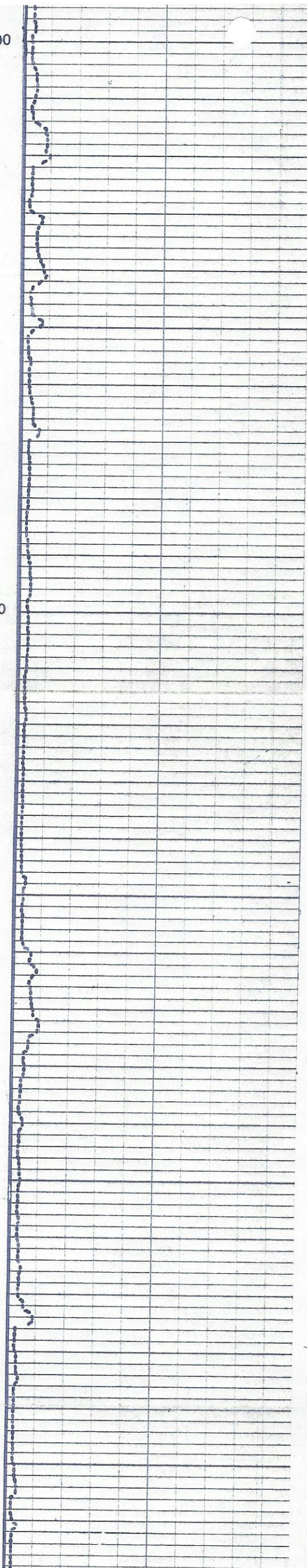
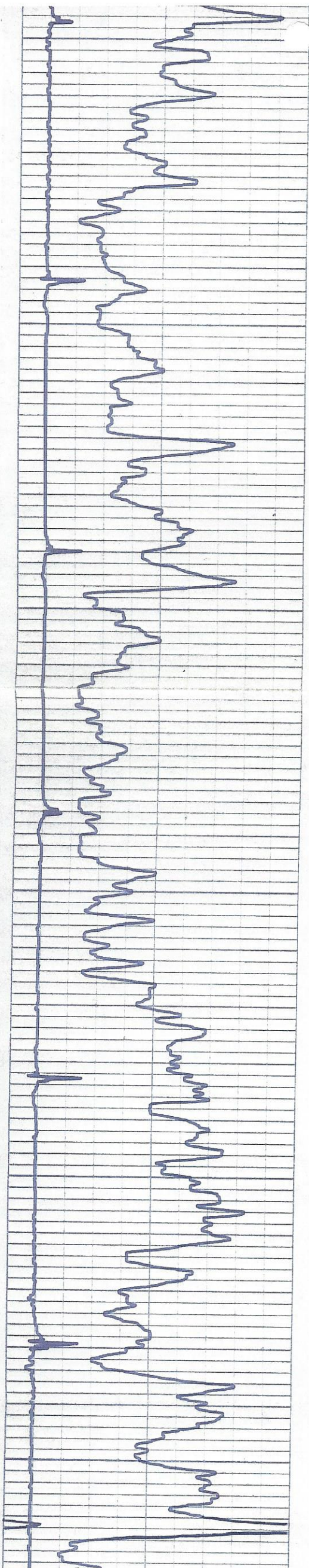
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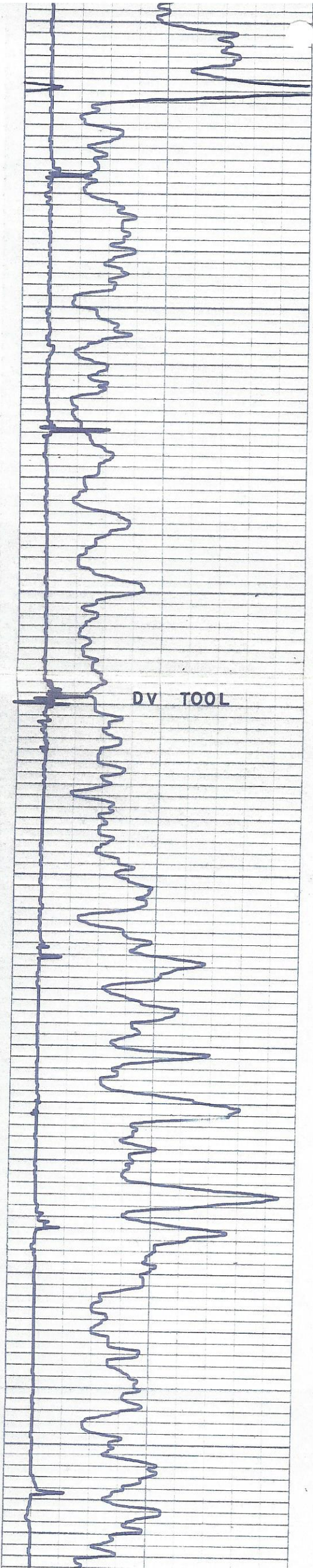


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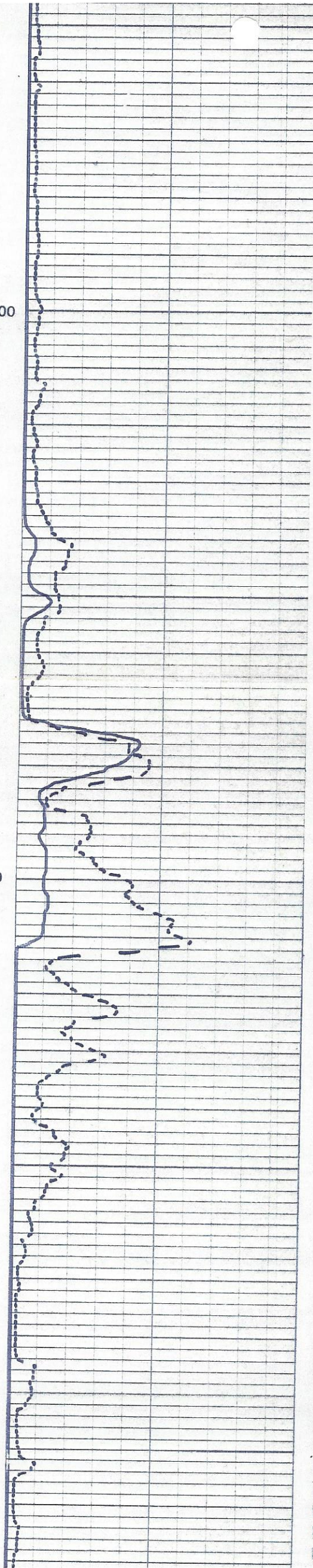




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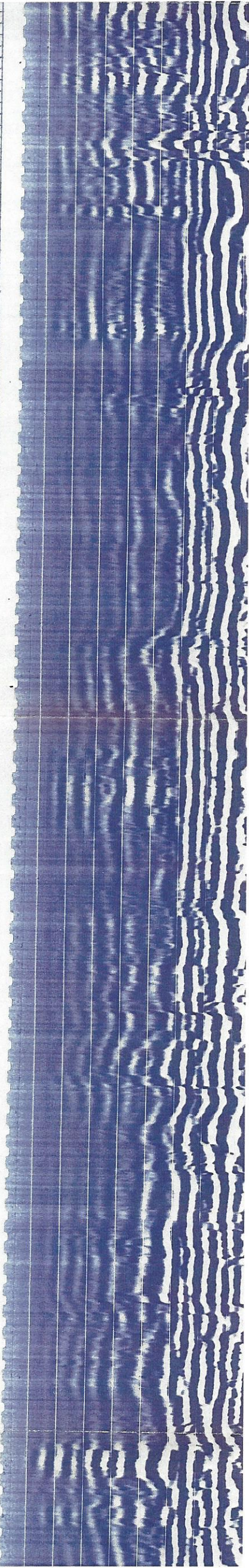
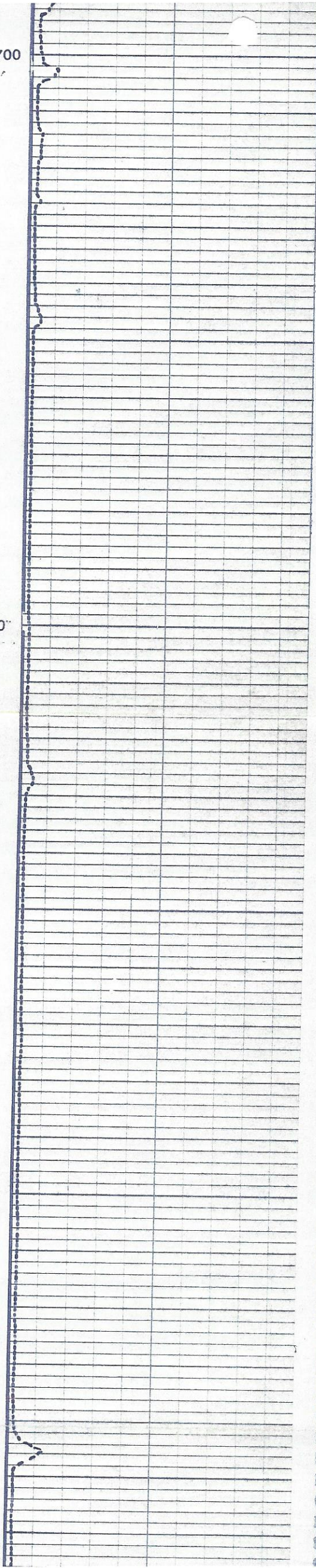
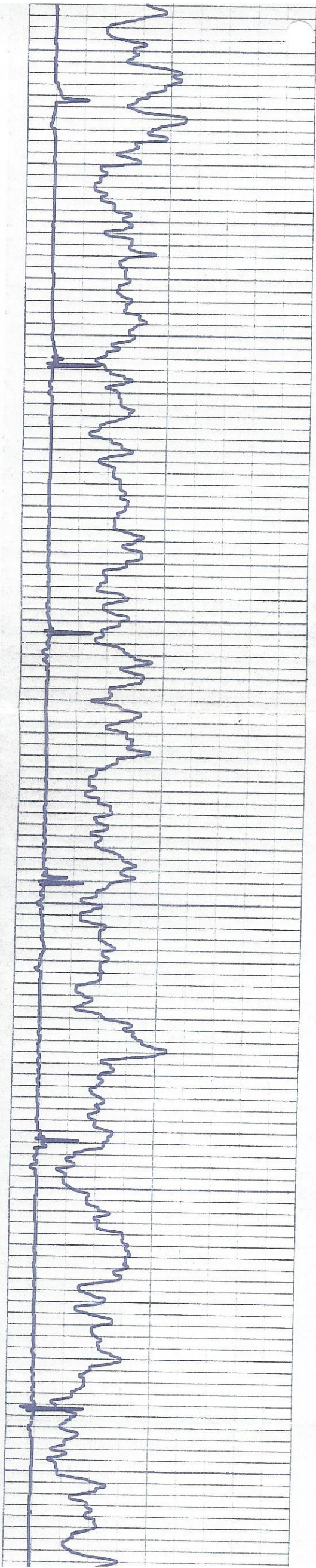
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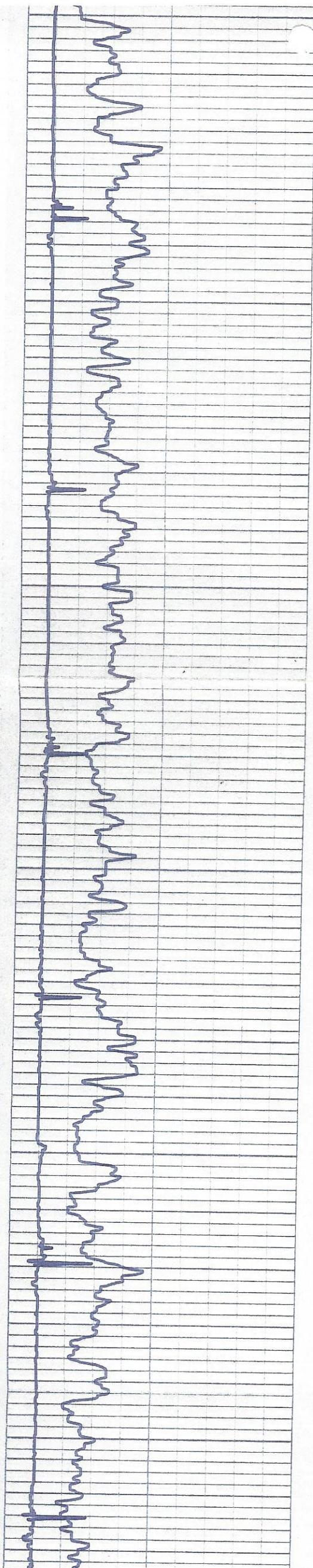


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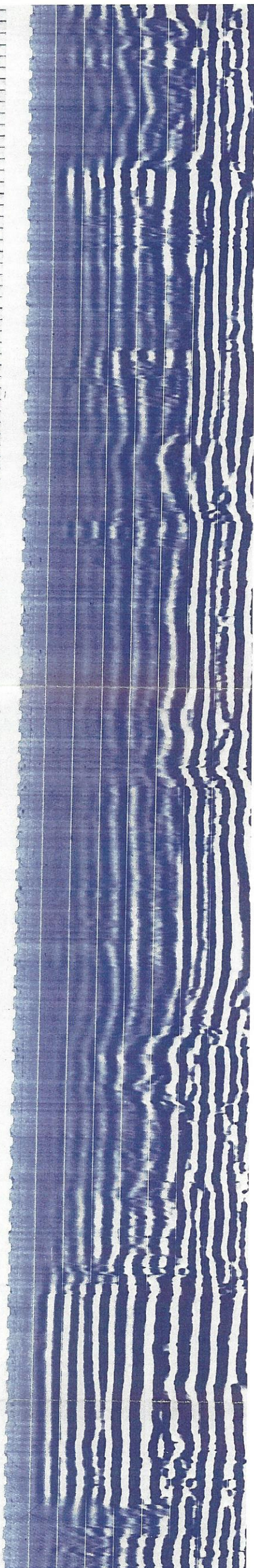
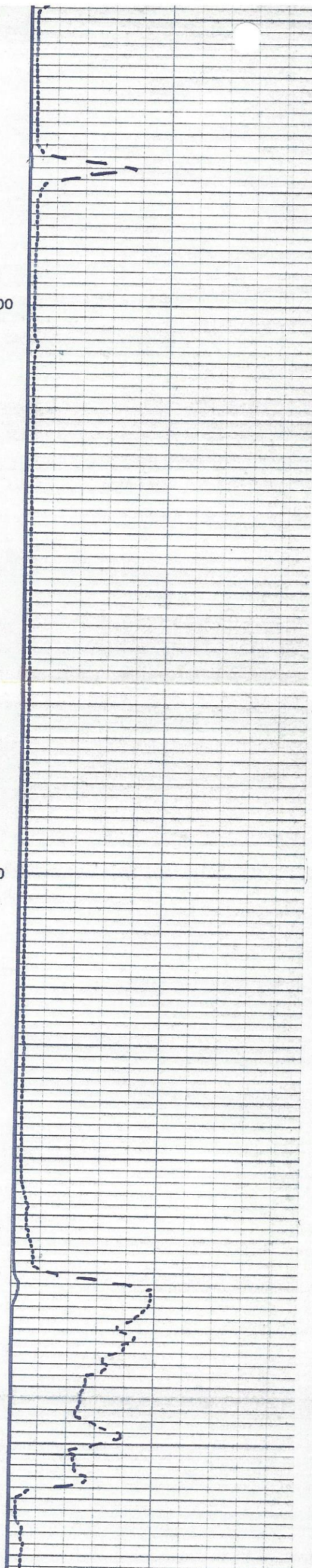


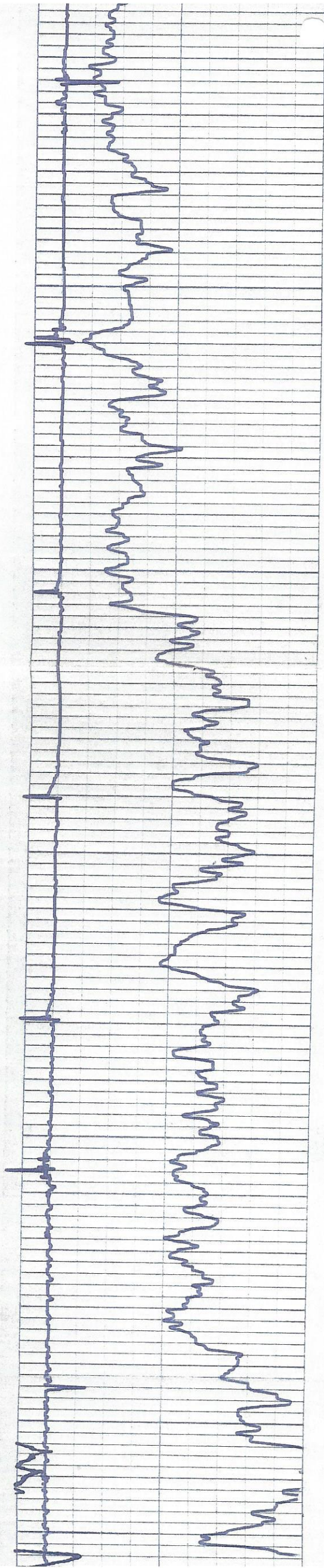


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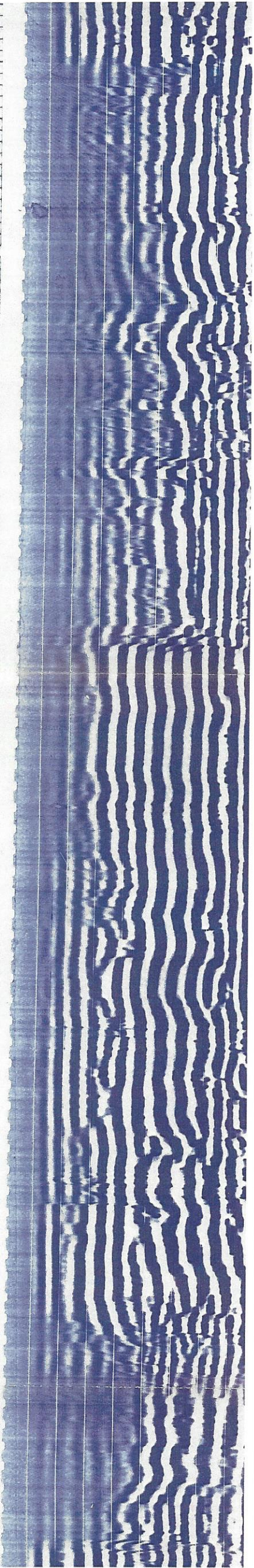
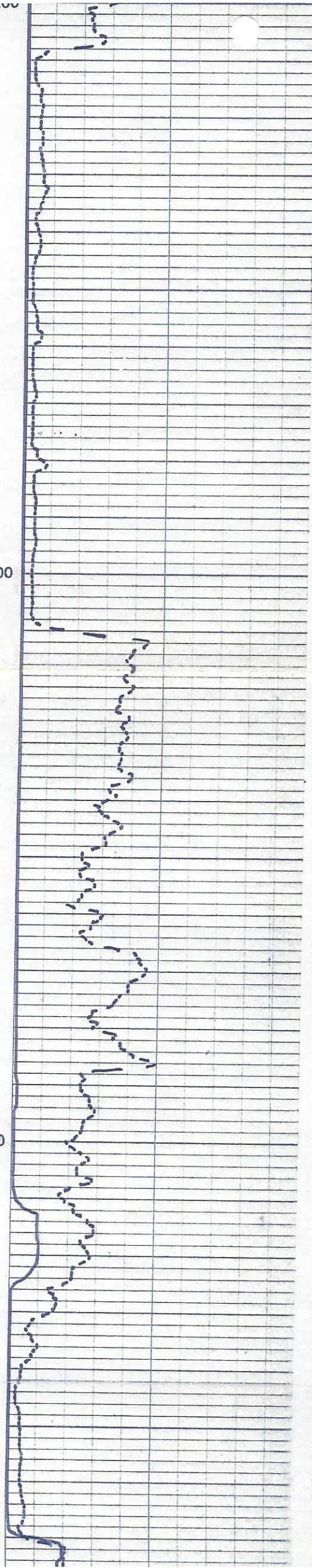
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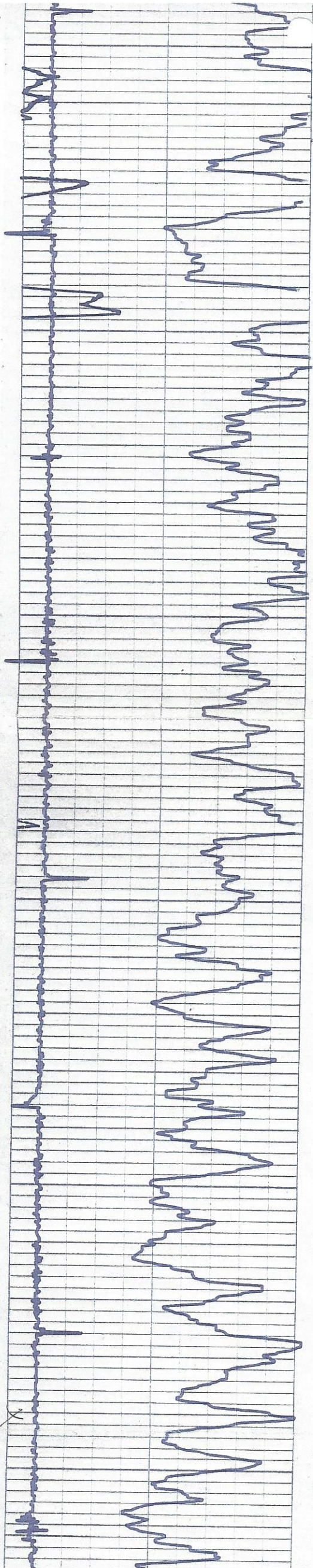




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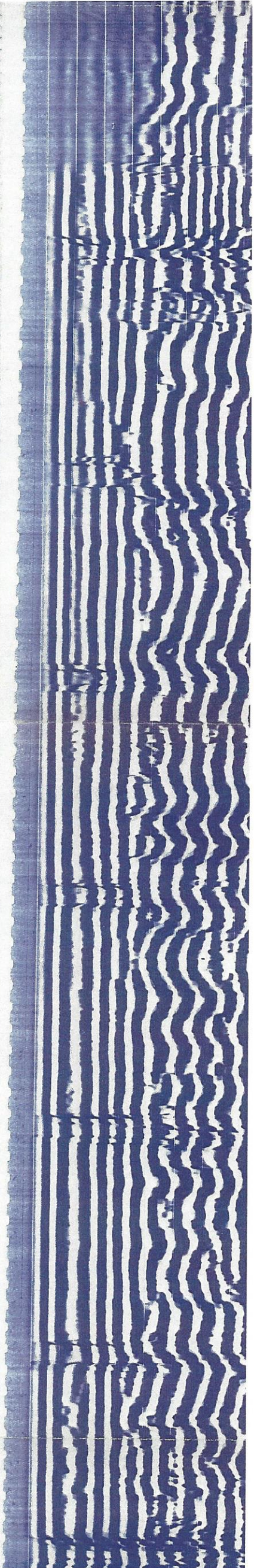
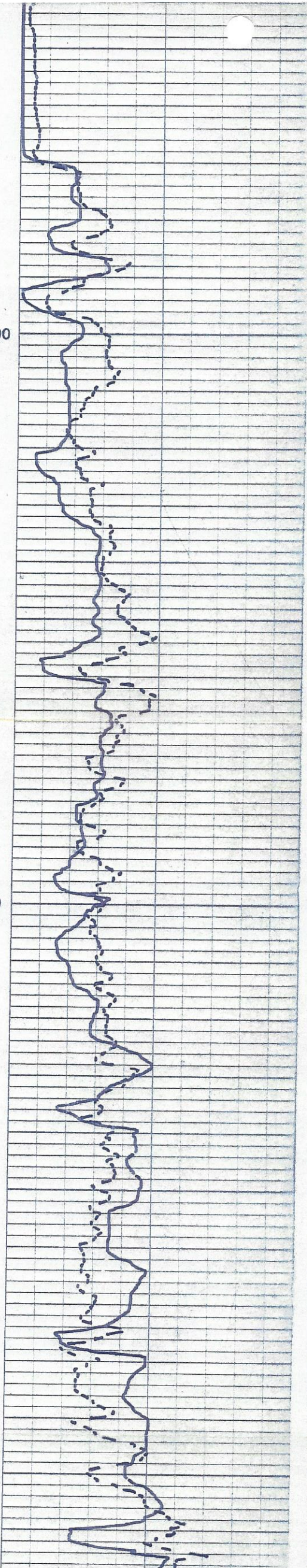




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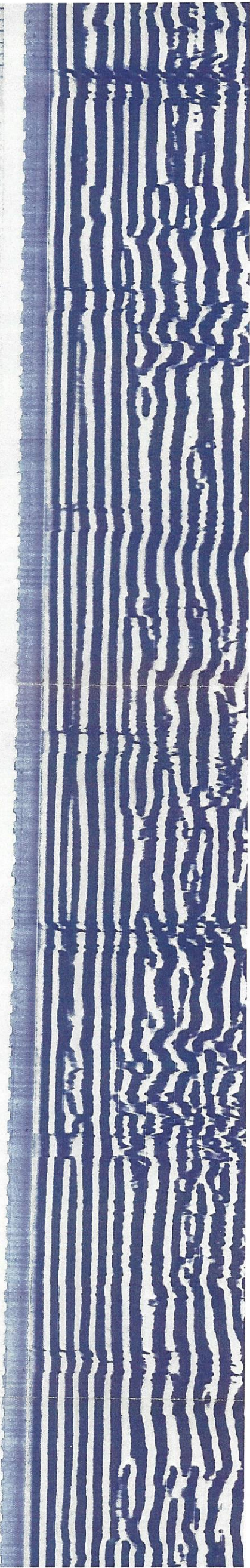
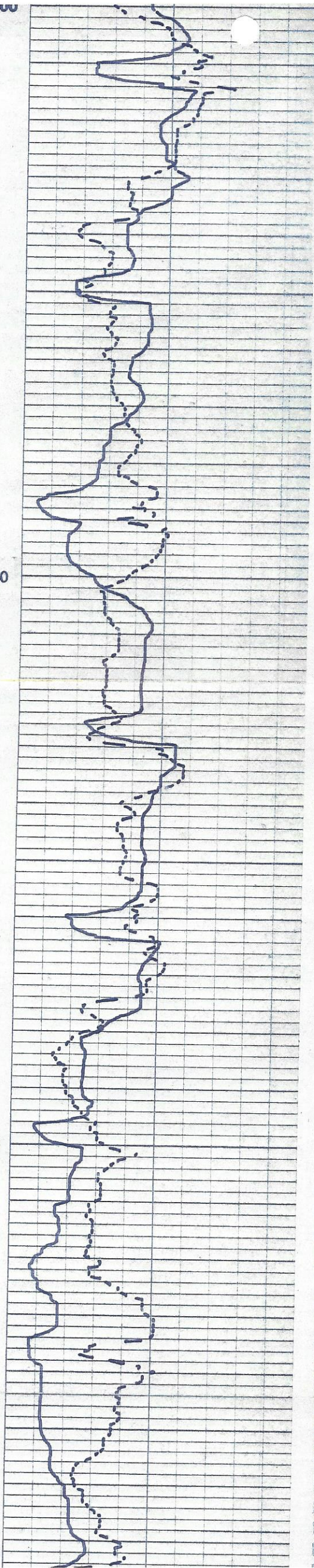
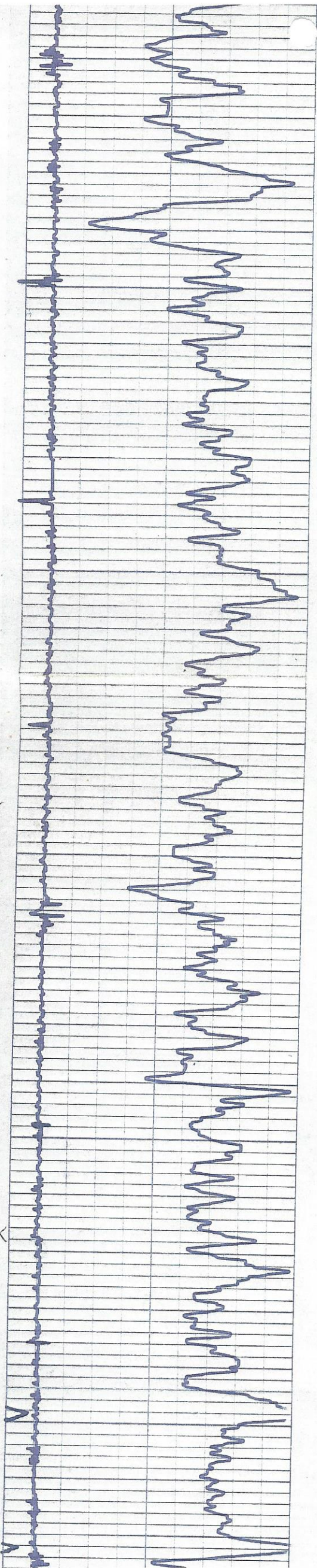
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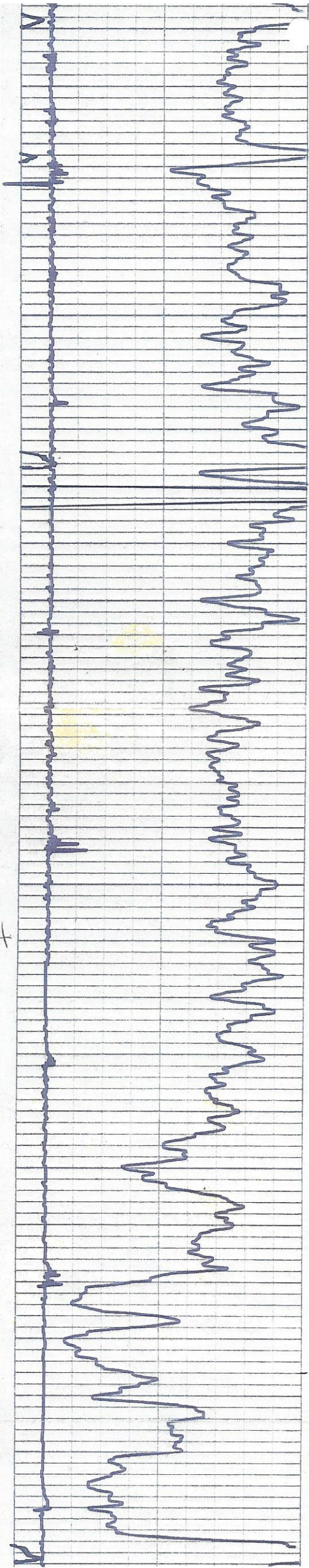


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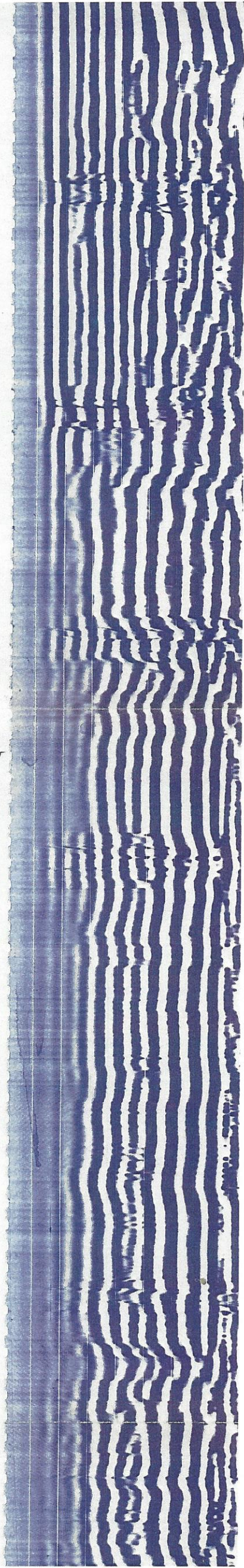
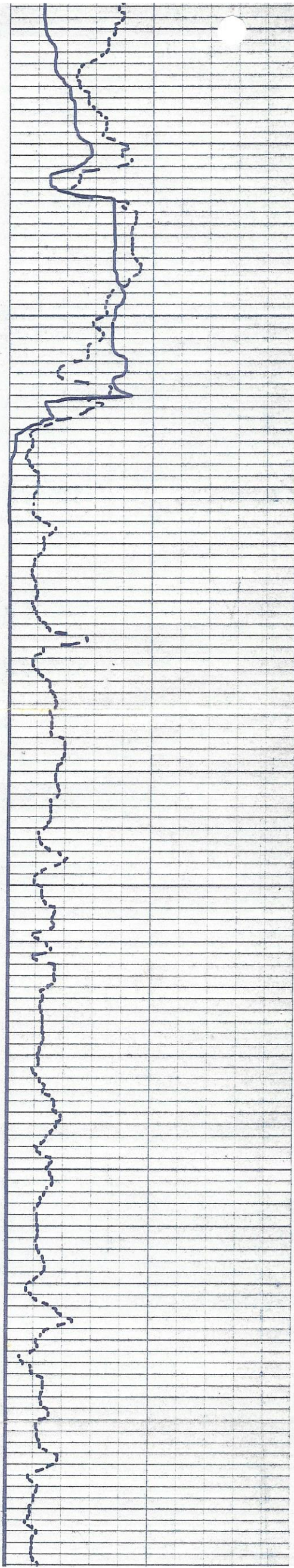


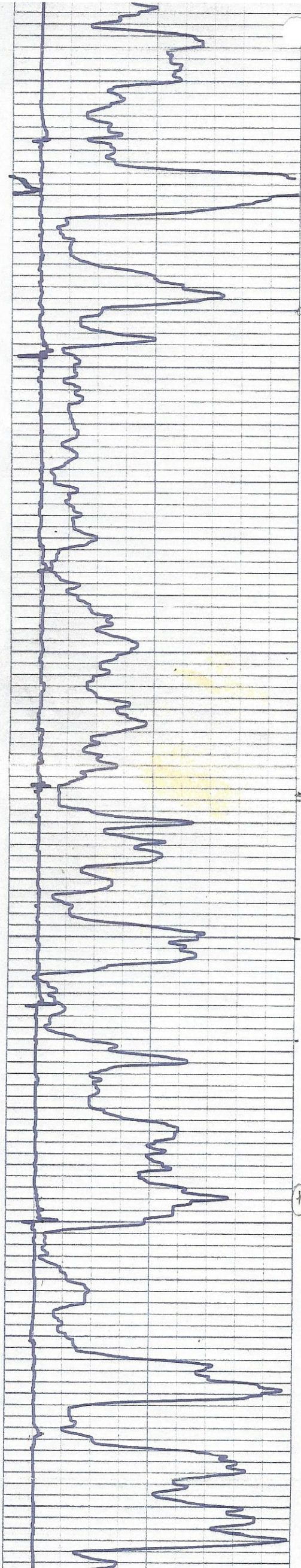


6000

6100

6200





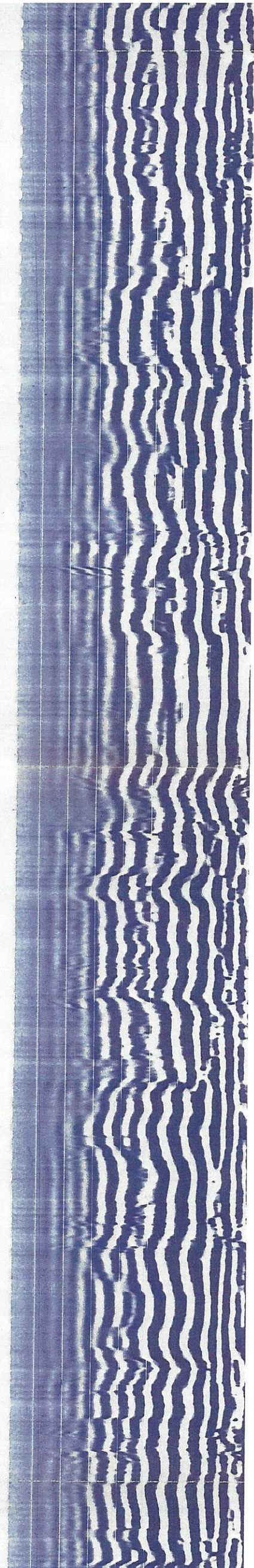
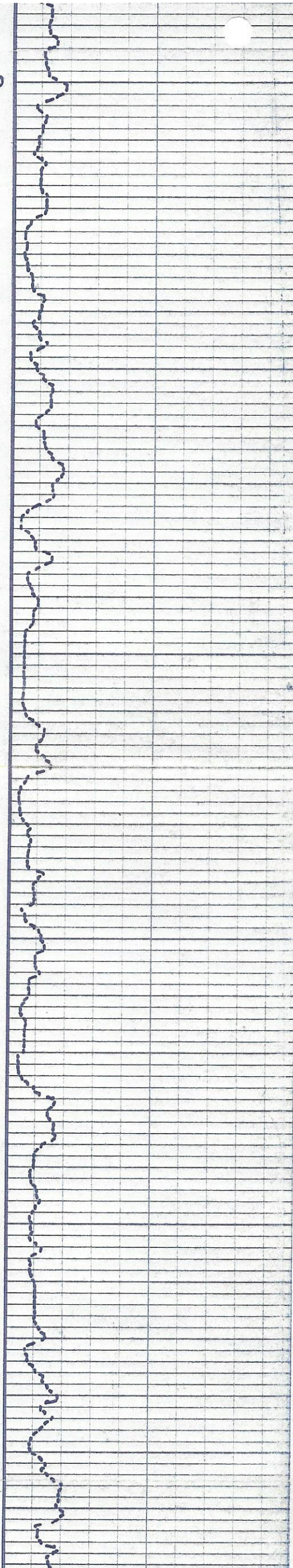
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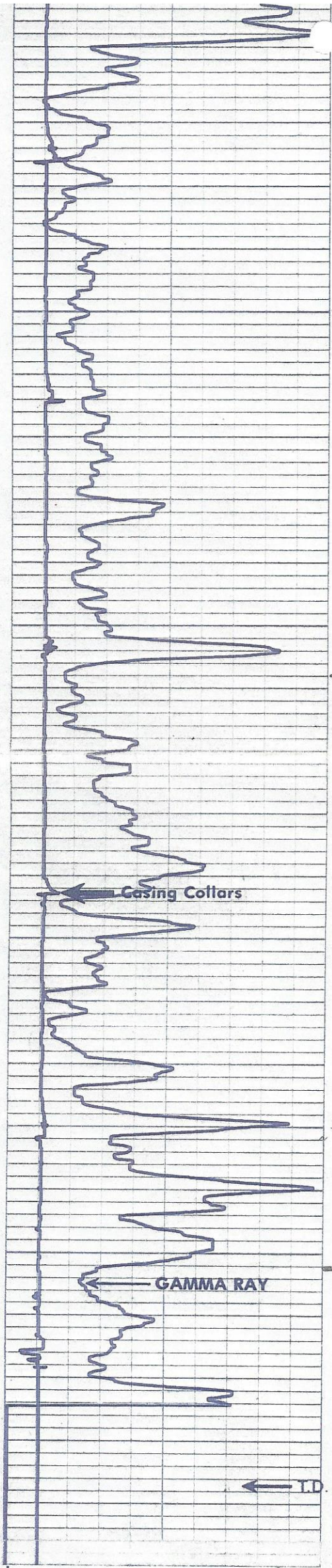
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12

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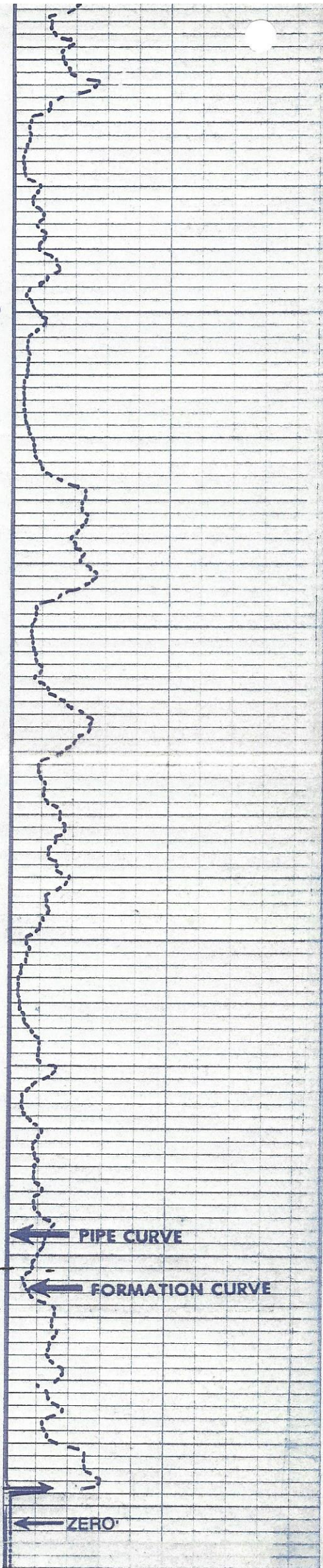
0	150
150	200

GAMMA

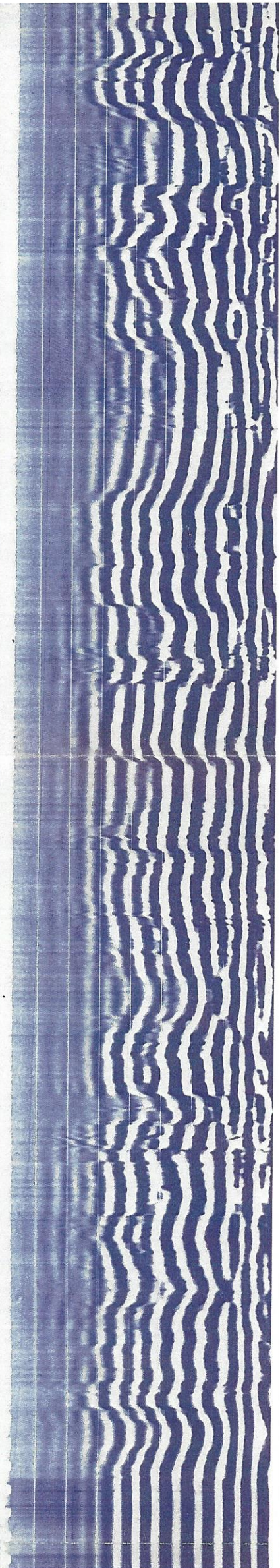
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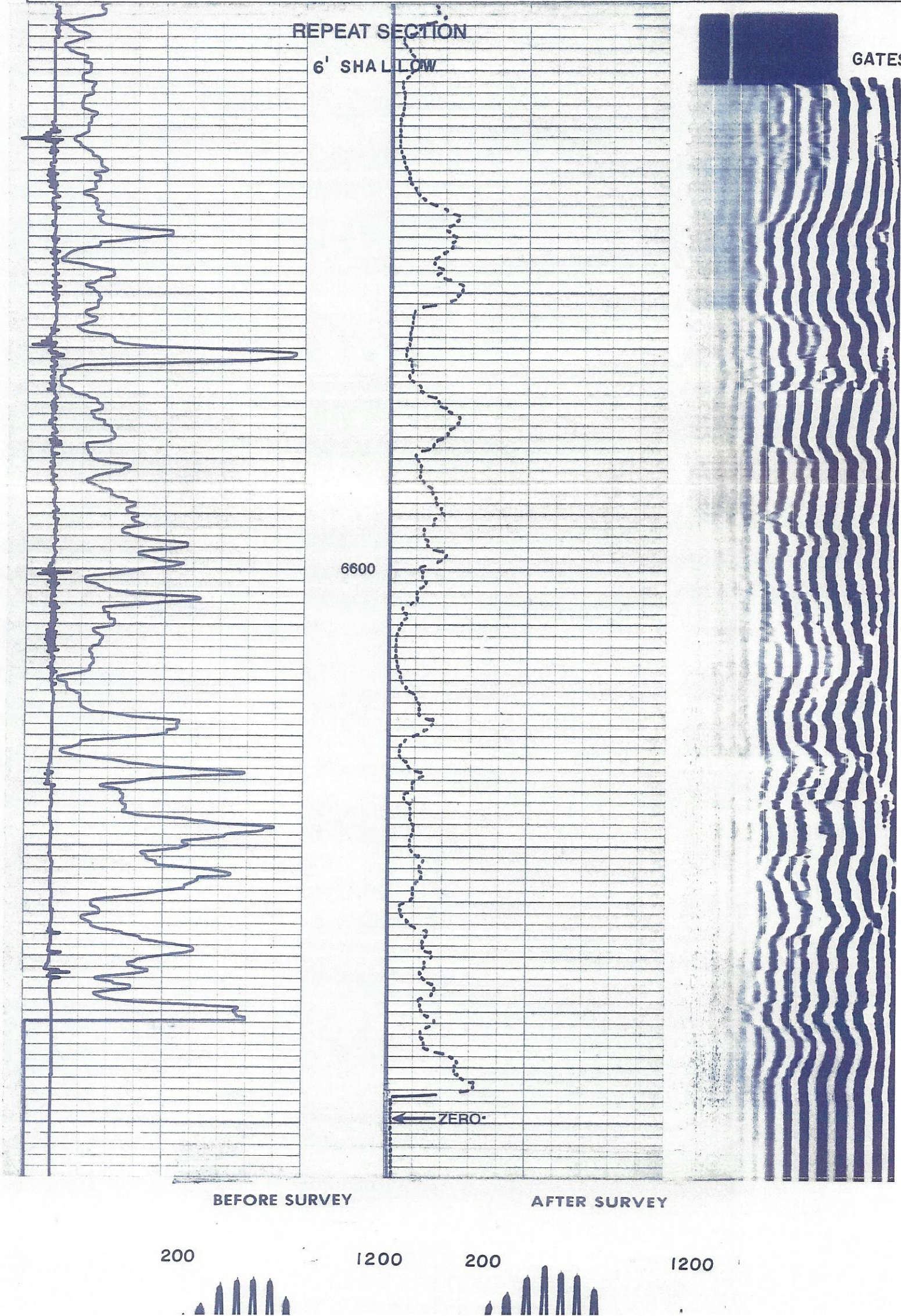
PIPE
FORMATION



MICRO-SEISMOGRAM® LI
200 u sec 1

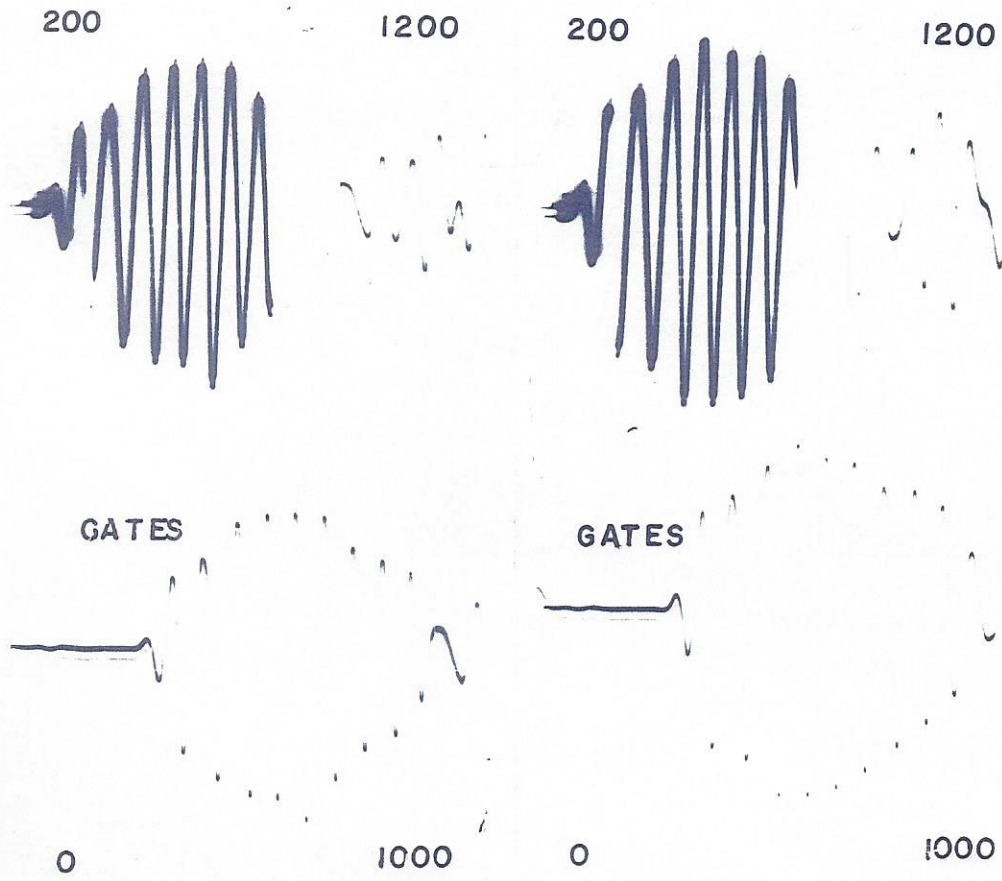
0	150
150	200
GAMMA API Gamma Ray Units	

PIPE	MICRO-SEISMOGRAM ®
FORMATION	200 u sec
AMPLITUDE	



BEFORE SURVEY

AFTER SURVEY



RECEIVED

JUN 22 1934

CHEVRON U.S.A. INC.
RANGELEY FIELD