



FILE NO: MD11798 COMPANY HOLLY FRONTIER - NAVAJO

API NO: 30-015-44677 WELL ARTESIA
FIELD EDDY STATE NEW MEXICO
COUNTY

Version LOCATION: 1217' FSL & 2443' FWL OTHER SERVICES
SECTION 23, T17S, R27E
N.M.P.M. SURVEY

PERMANENT DATUM GL ELEVATION 3565.8 FT ELEVATIONS:
LOG MEASURED FROM KB 20 FT ABOVE P.D. KB 3565.8 FT
DRILL. MEAS. FROM KB GL 3565.8 FT

DATE	01-Jul-2018
RUN	1
SERVICE ORDER	139478
DEPTH DRILLER	10360 FT
DEPTH LOGGER	NA
BOTTOM LOGGED INTERVAL	10331 FT
TOP LOGGED INTERVAL	0 FT
TIME STARTED	08:00
TIME FINISHED	11:30
OPERATOR RIG TIME	3.5 HRS
TYPE OF FLUID IN HOLE	WBM
FLUID DENSITY	10.2 LB/G
FLUID SALINITY	NA
FLUID LEVEL	FULL
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	0 DEG
NOMINAL LOGGING SPEED	150 F/MIN
MAX. RECORDED TEMP.	NA
REFERENCE LOG	CASING TALLY
REFERENCE LOG DATE	28-Jun-2018
EQUIP. NO.	HL6845
LOCATION	MIDLAND, TX
RECORDED BY	O. ROBLES / B. TELLER
WITNESSED BY	K. COOK

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE THE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

REMARKS

RUN 1 TRIP 1: TIED INTO CASING TALLY - TOOLS ZERO'D AT RIG FLOOR

RIG: PATRIOT #4
CREW: BECK / TELLER / ROBLES

NAVAJO REFINING WDW #4
CASING COLLAR LOCATOR LOG
CSG. 9.625 IN

MAIN LOG 5"/100FT SCALE

ECLIPS 7.0i ECLIPS General Release Rel 7.0i Thu Jun 08 20:36:10 CDT 2017

Patches: 3

Plotted: Sun Jul 1 10:21:17 2018

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/md11827/p113g01.prm
LOGGING MODE: DEPTH DIRECTION: DOWN
TOP DEPTH: -6.000 ft BOTTOM DEPTH: 10335.527 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
SPEED	FILTER ()	medium (1)		TOP
TENSION	FILTER ()	medium (1)		BOTTOM

CURVE DESCRIPTION REPORT

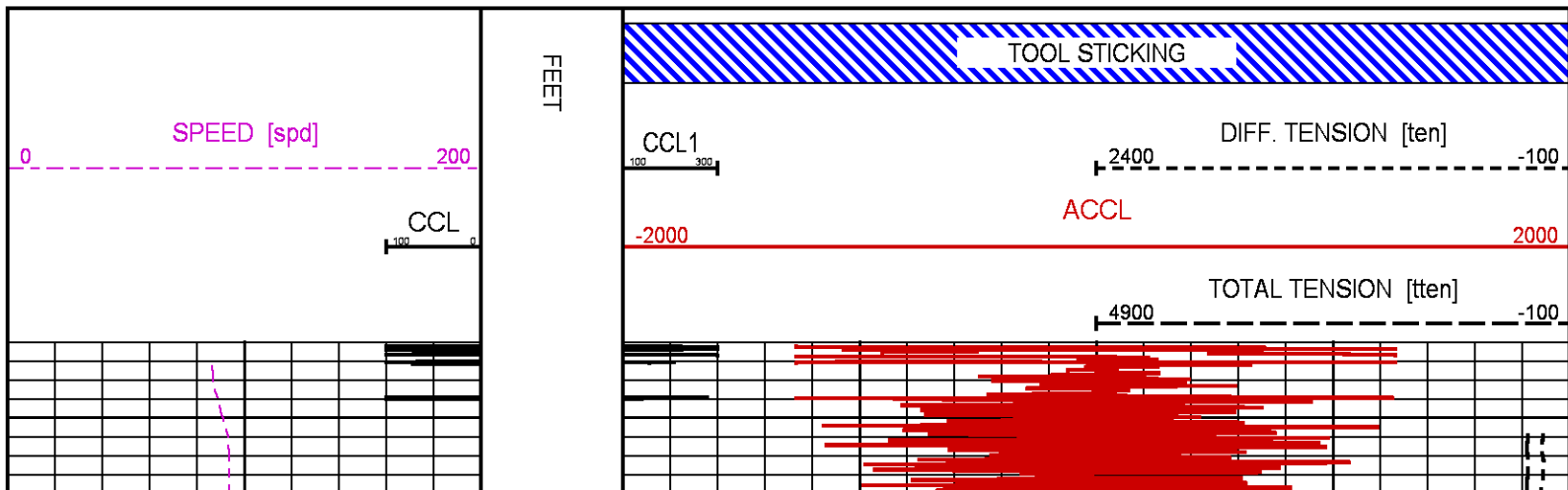
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:ACCLQK	N/A	ANALOG (CONTINUOUS) CCL FOR SHOOTING
F1:CCLQK	N/A	CASING COLLAR LOCATOR
F1:SPD	N/A	SPEED
F1:TEN	N/A	DIFFERENTIAL TENSION
F1:TTEN	N/A	TOTAL TENSION

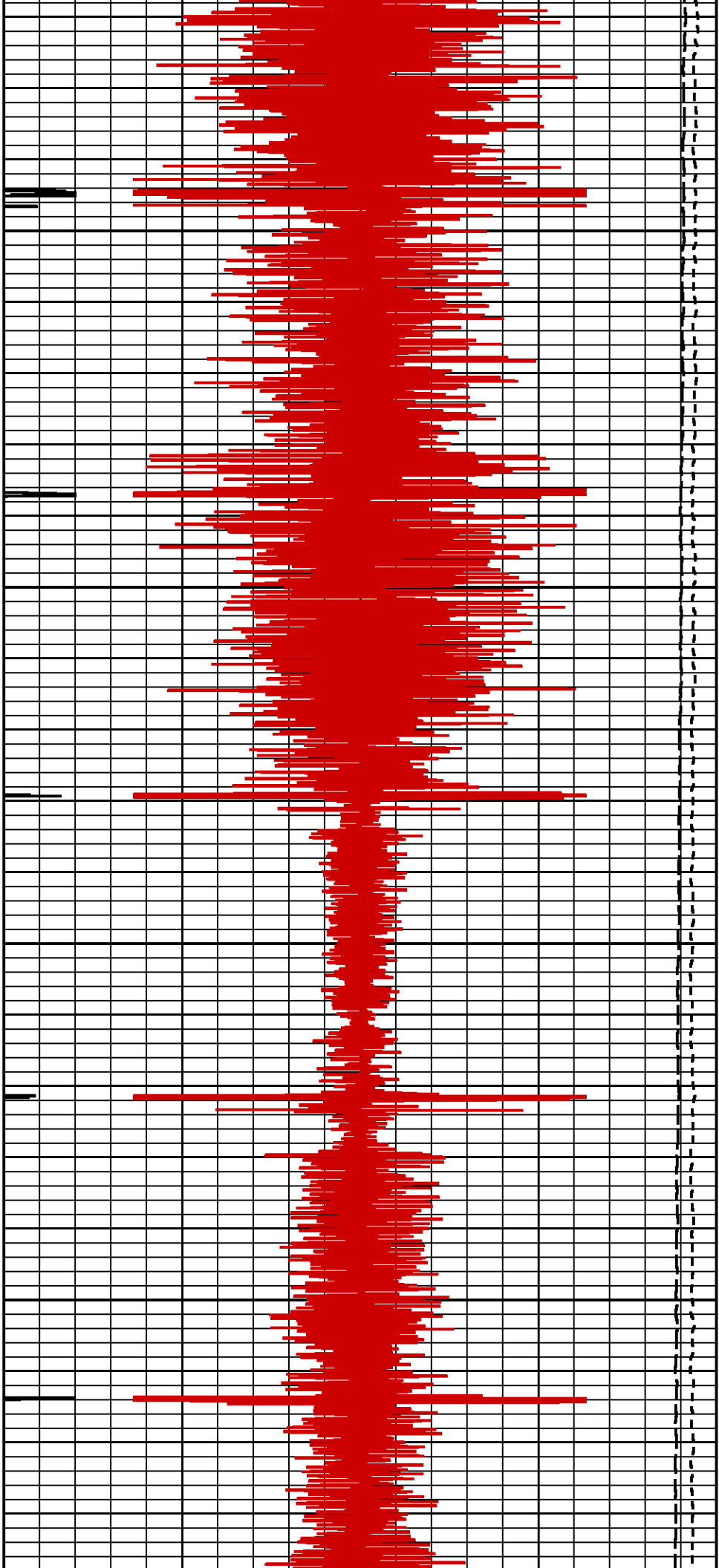
CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
ACCLQK	0.00	SPD	0.00	TTEN	7.50		
CCLQK	0.00	TEN	7.50				

Presentation : SysA:/dat1a/md11827/wsp_ccl.fvpdf [5"/100' Scale]
Plot Interval : 2.25 - 10347 Feet

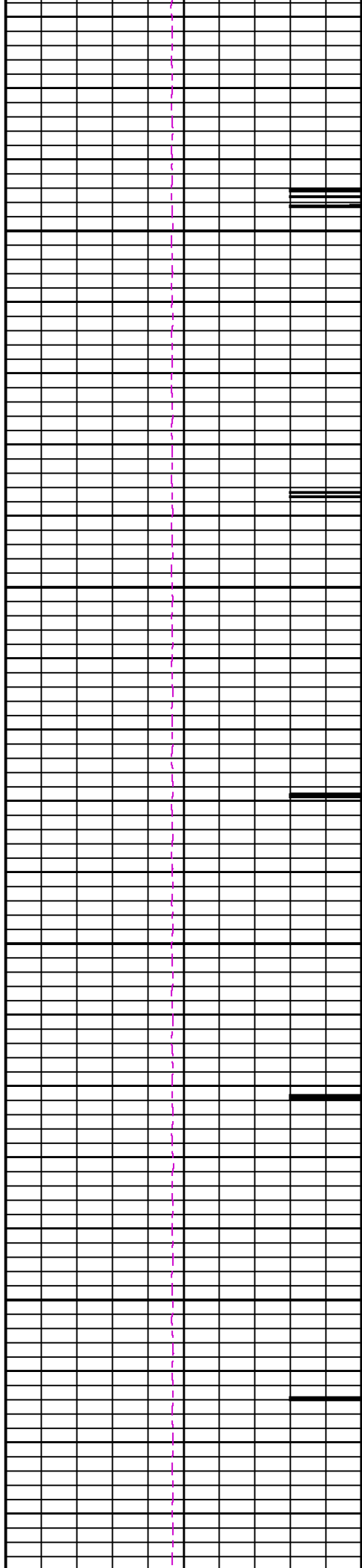
Data File 1 : F1 : SysA:/dat1a/md11827/down.xtf
Created On : N/A
Company : WSP USA INC
Well : NAVAJO REFINING WDW #4
Field : WILDCAT
File Interval : -3.25 - 10348.2 Feet
OCT : p113g

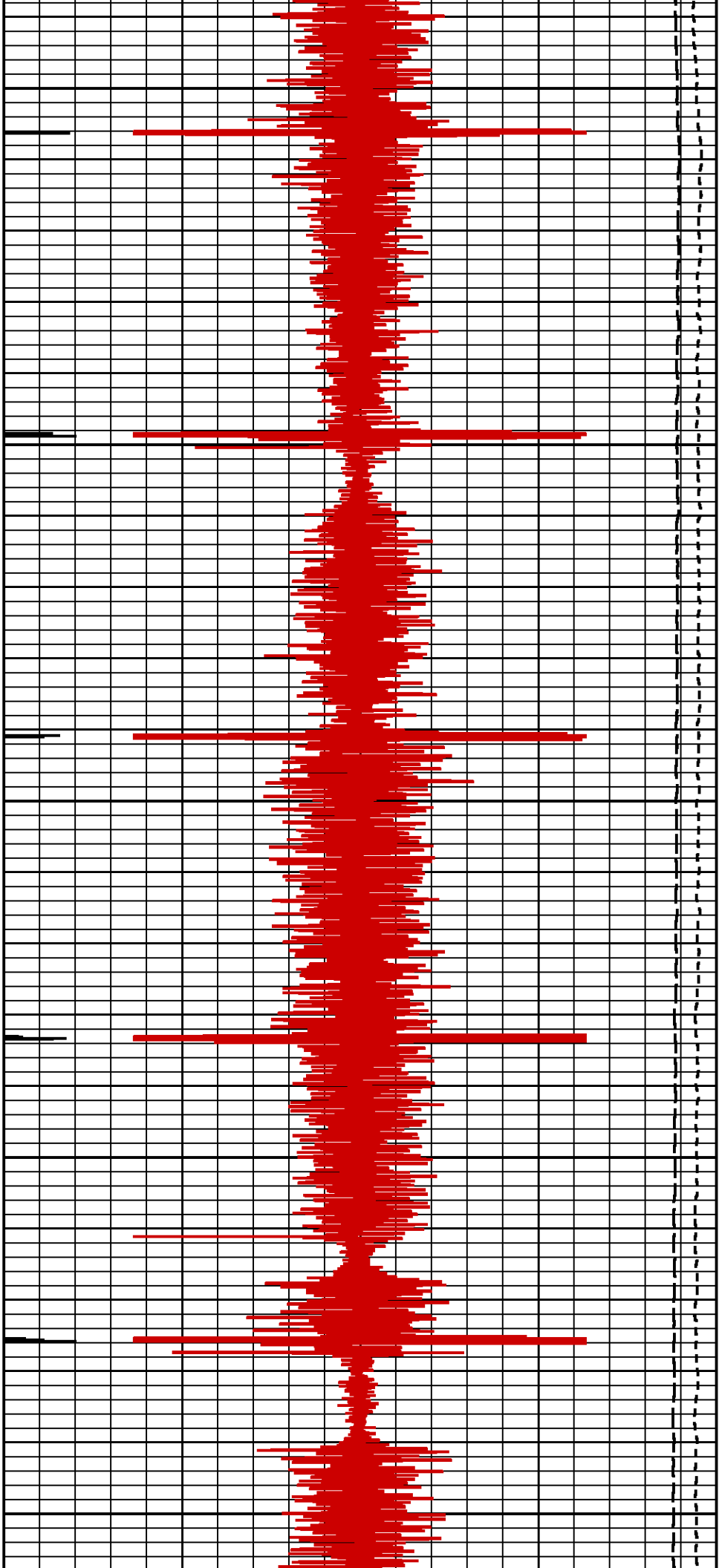




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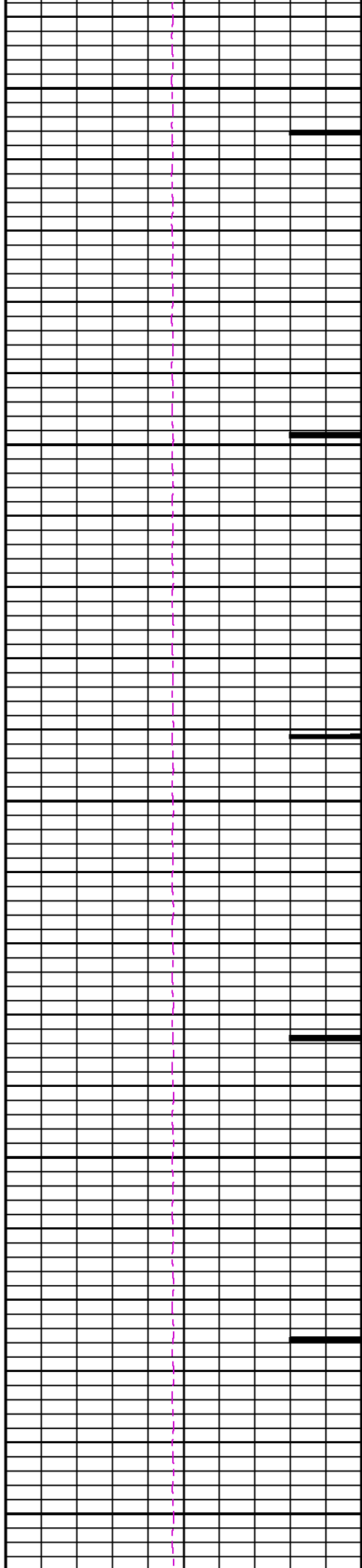
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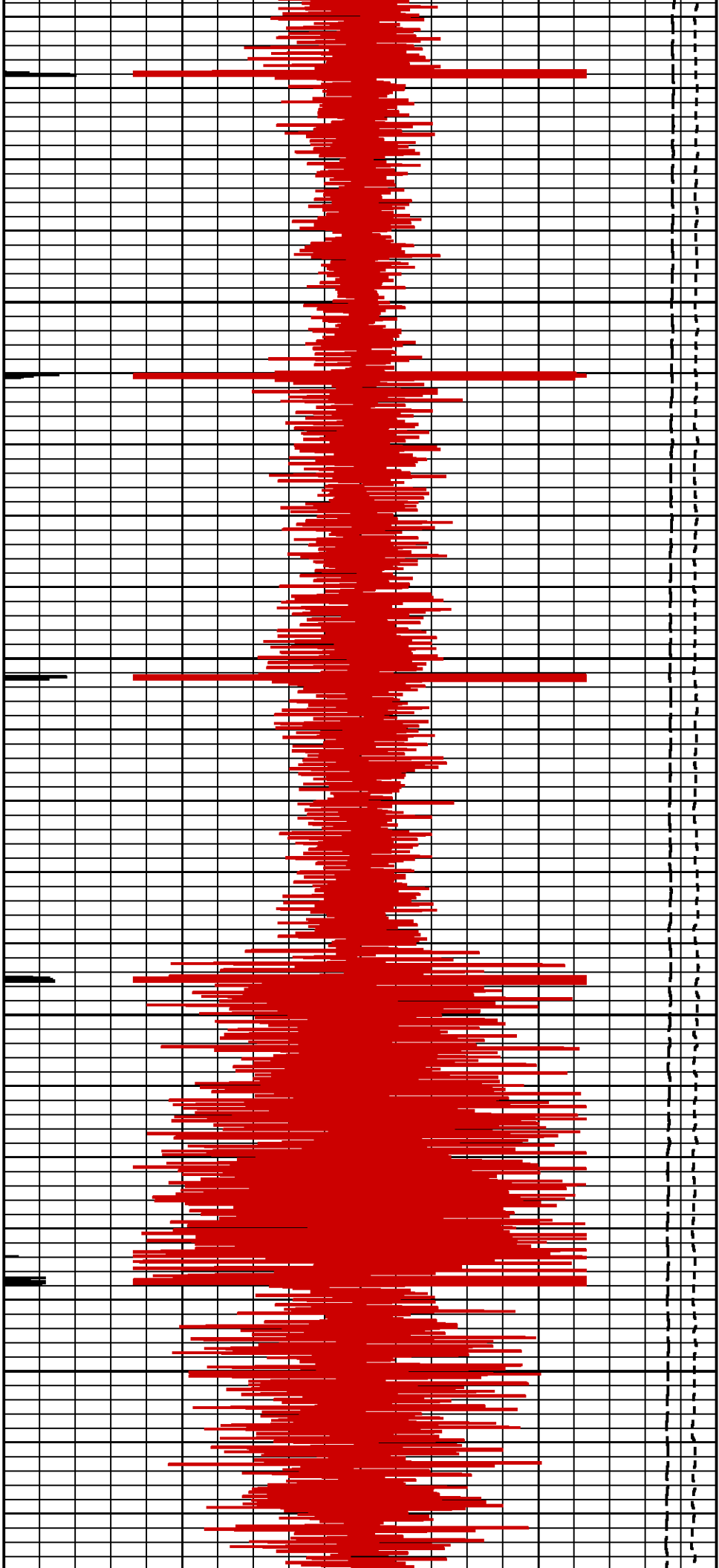




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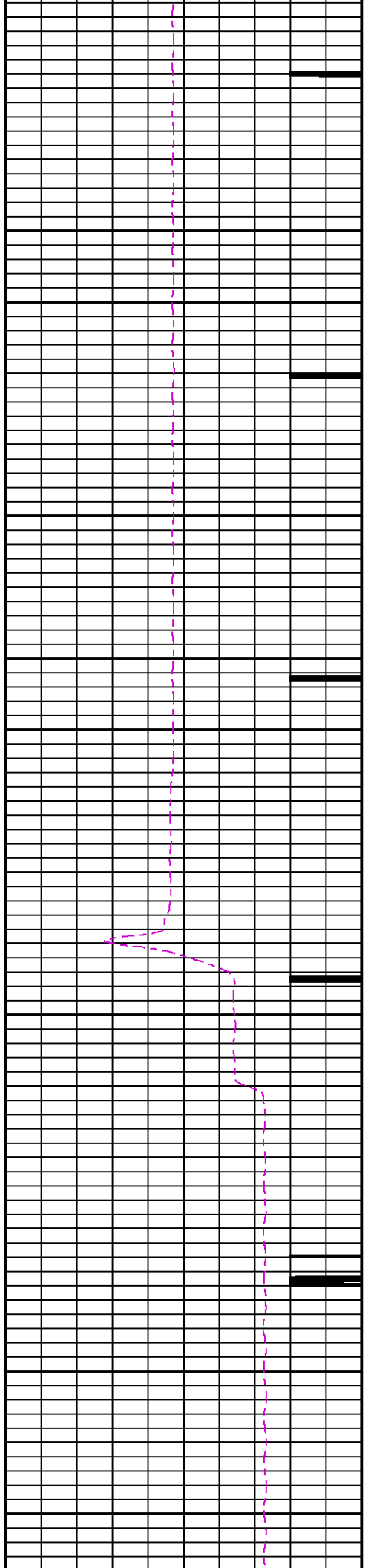
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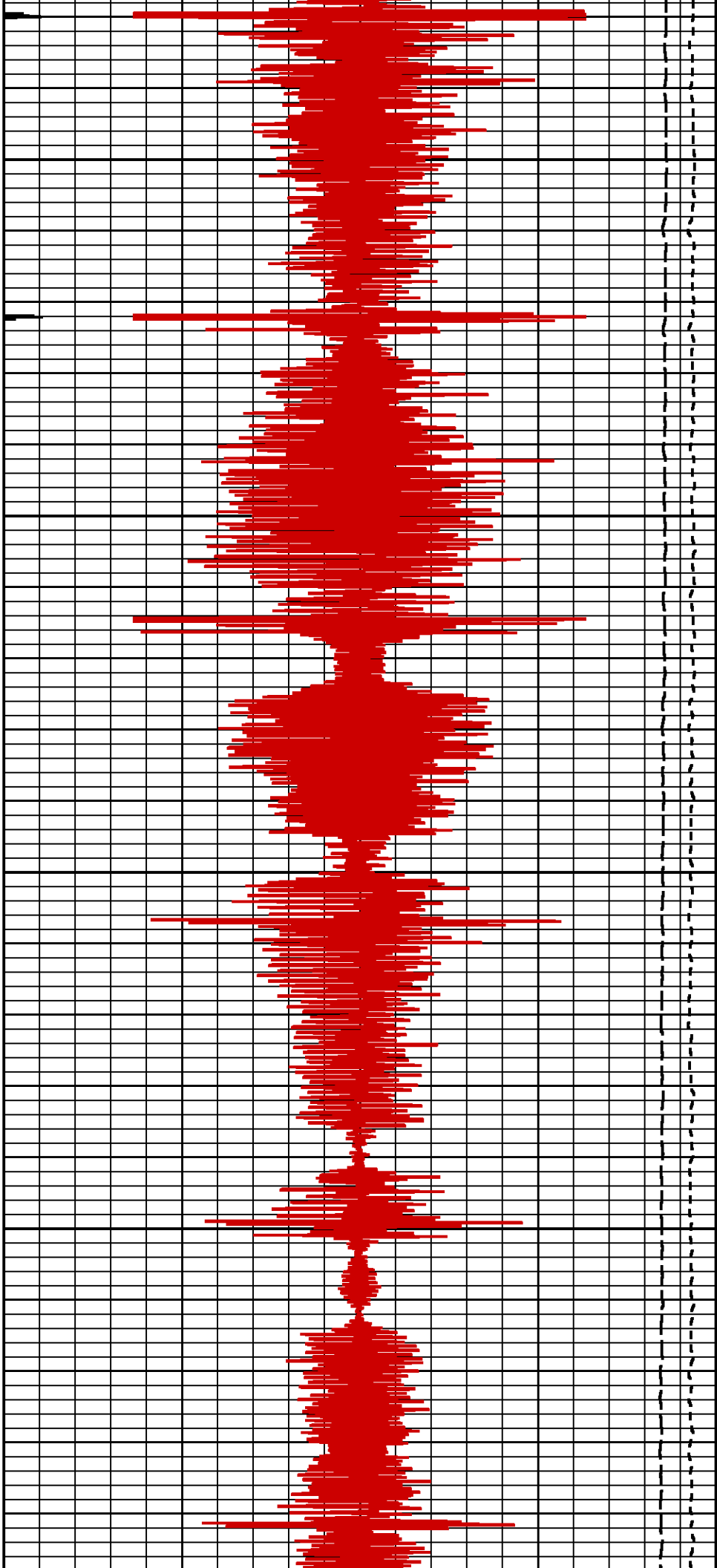




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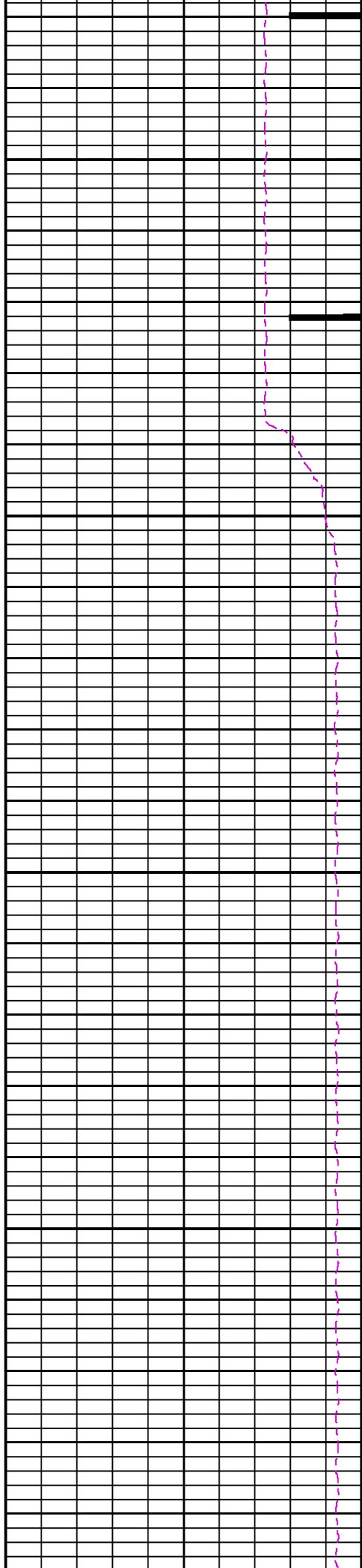
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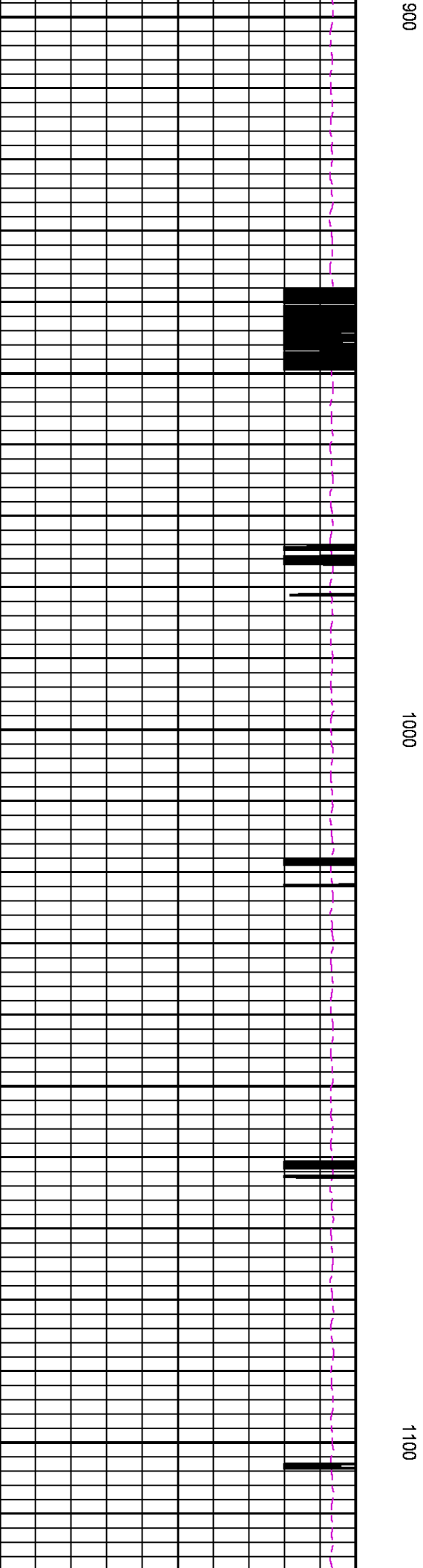
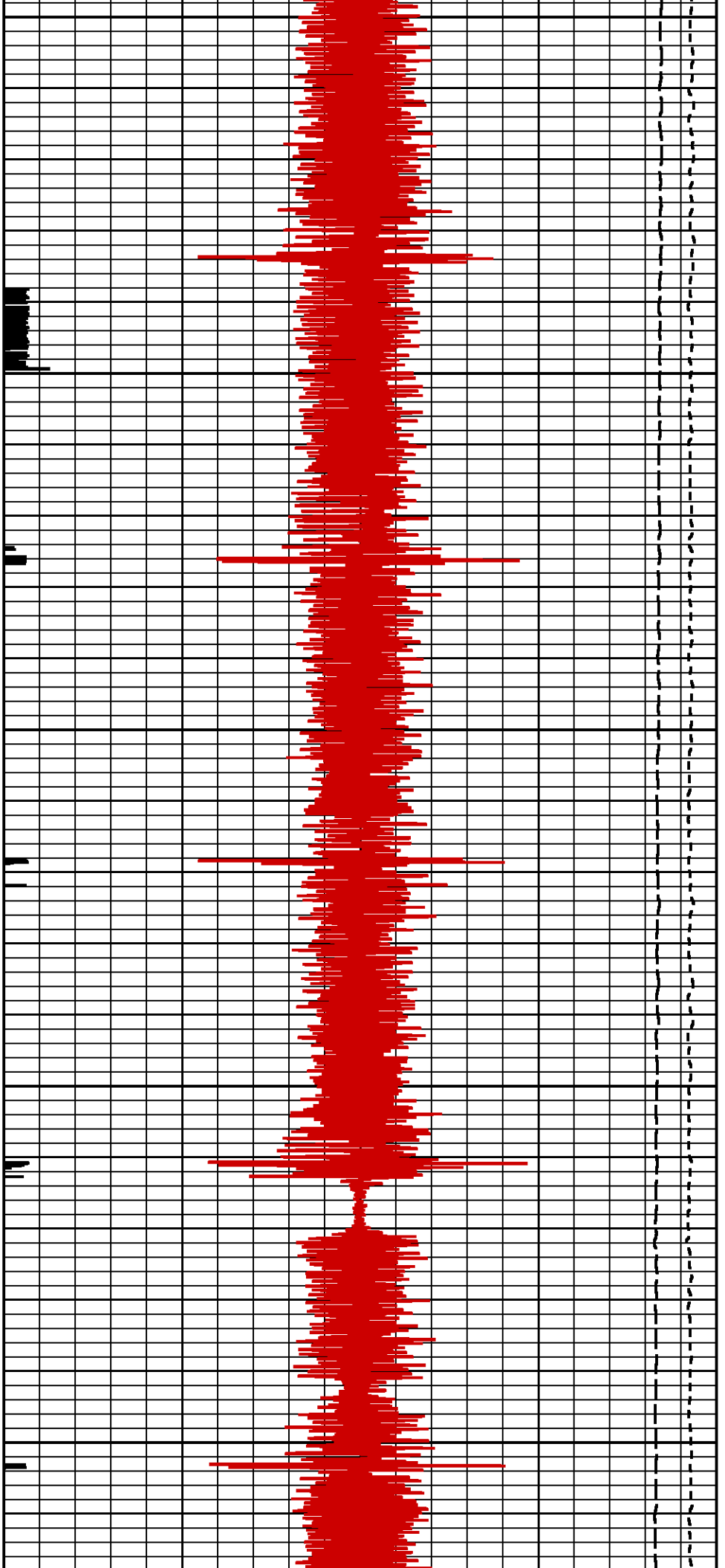


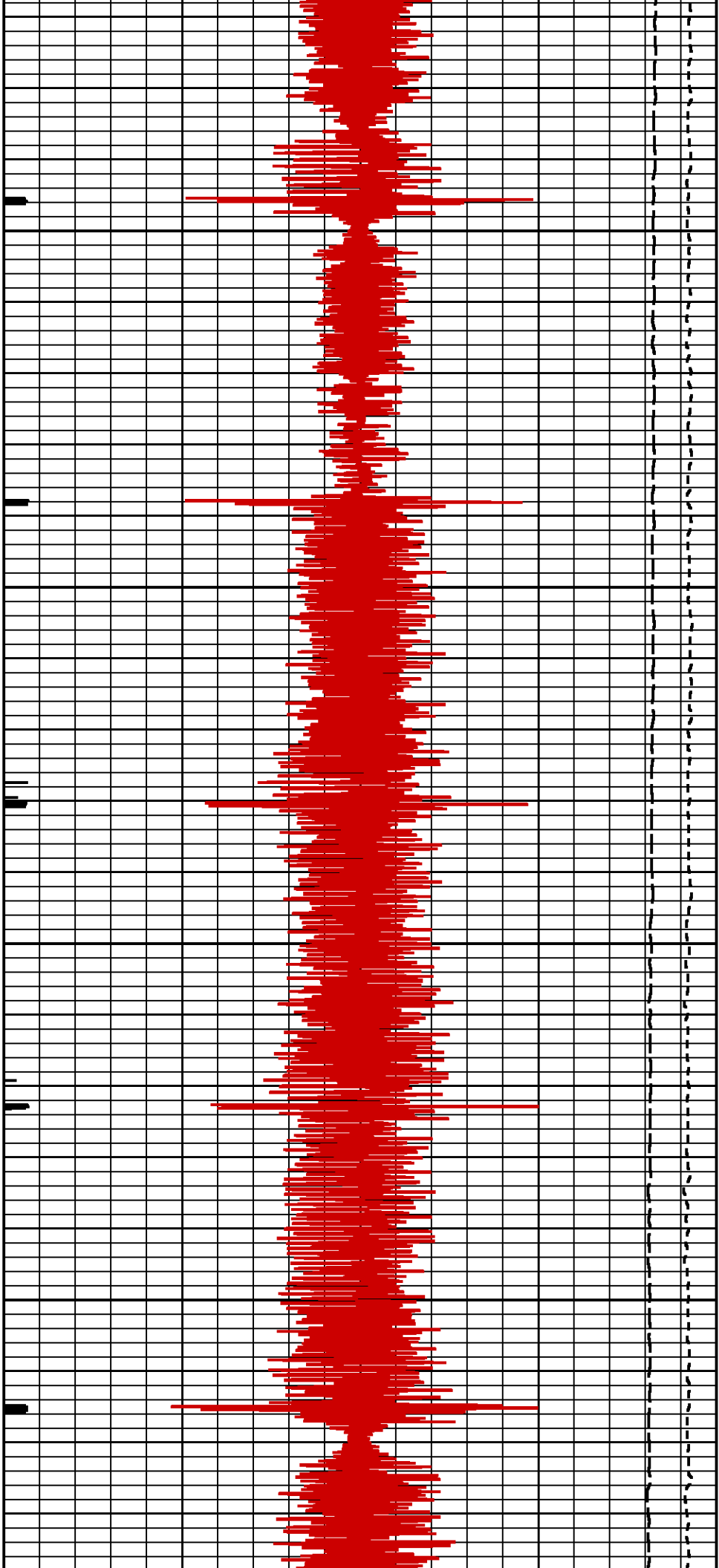


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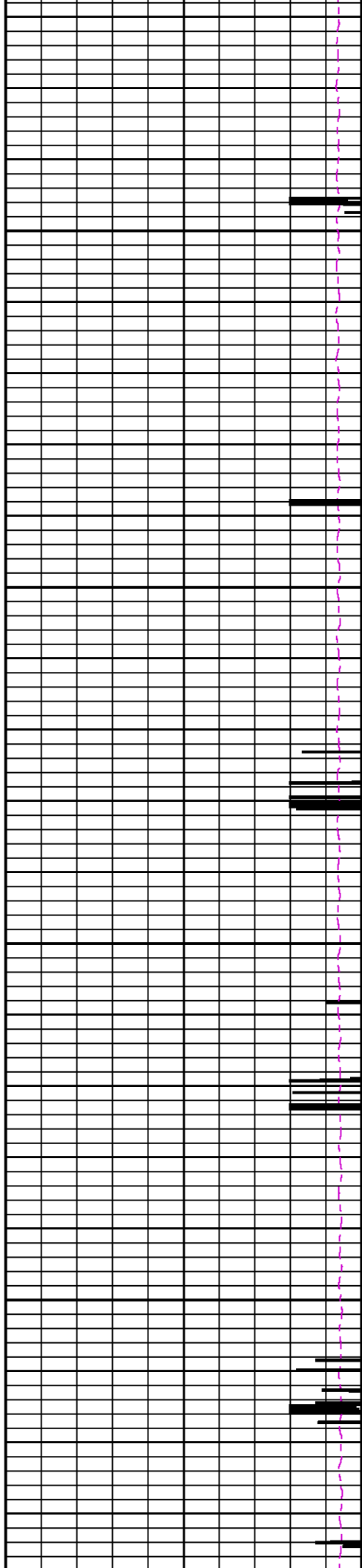


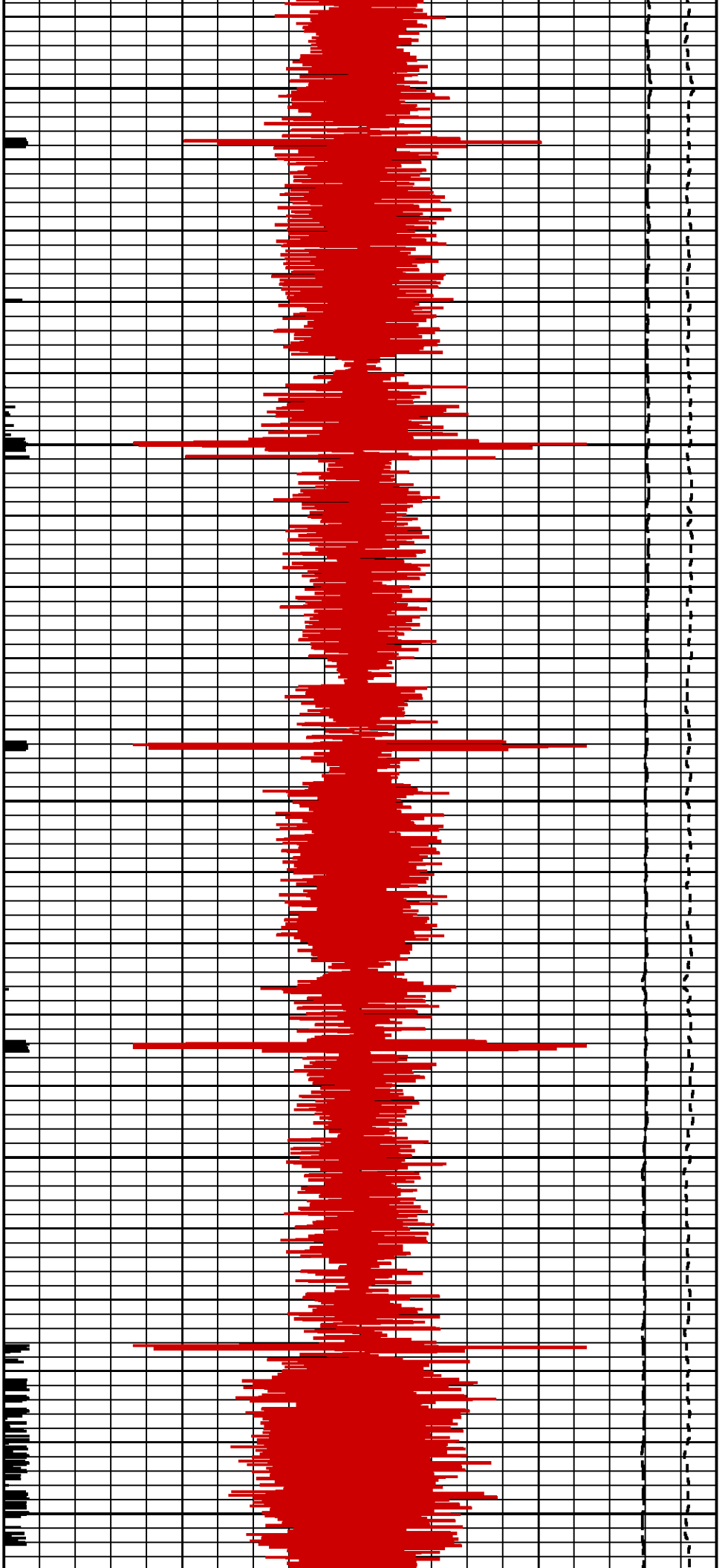




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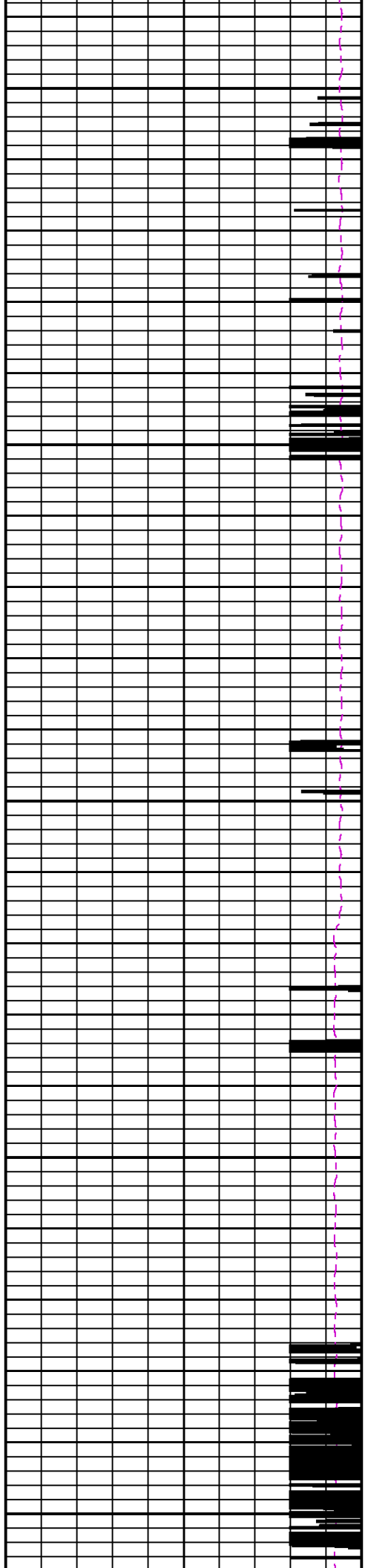
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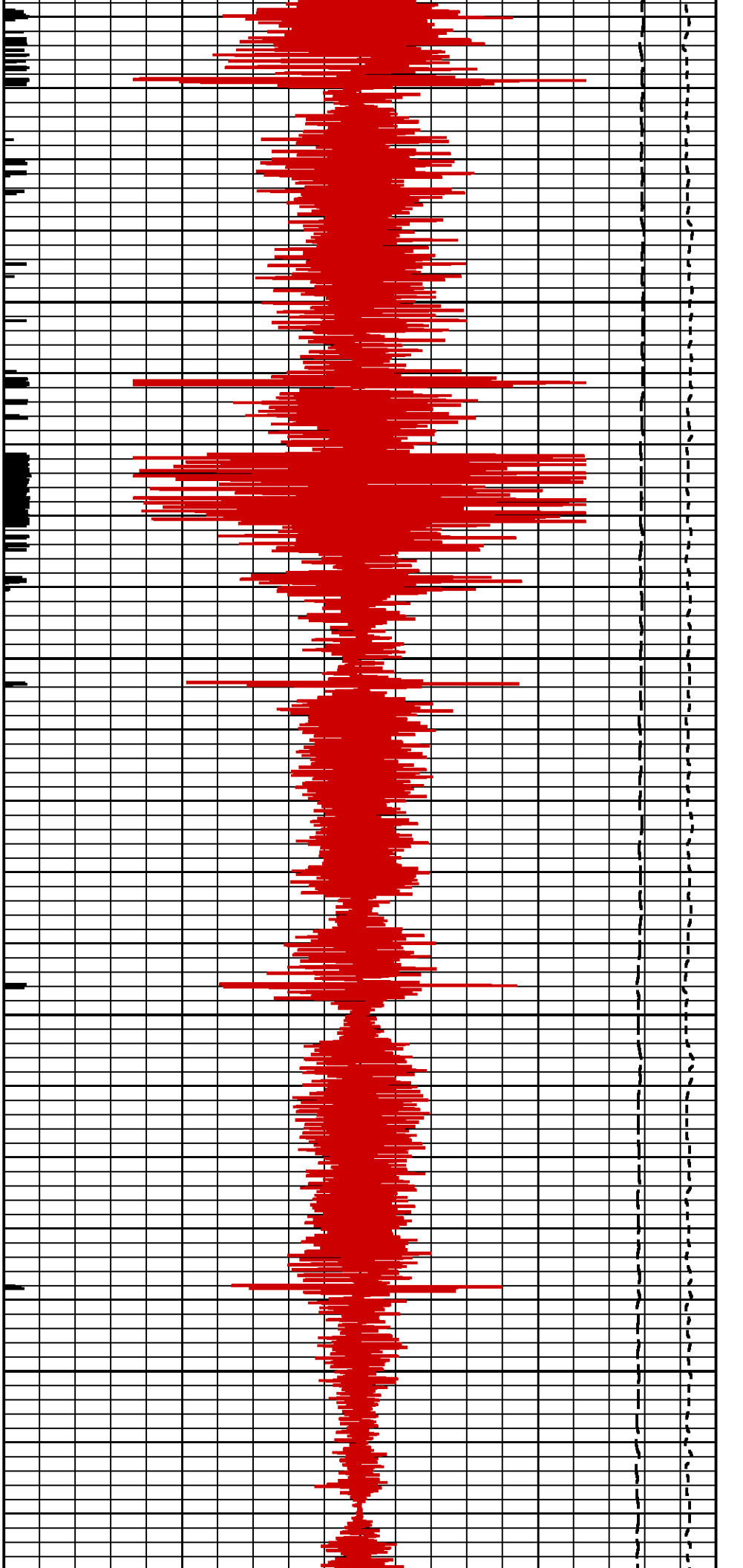




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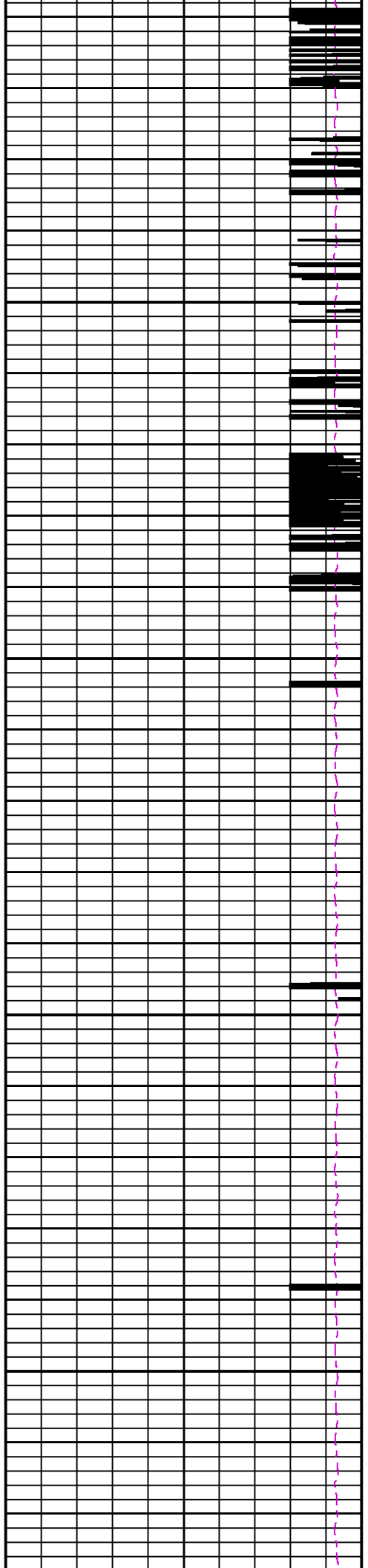
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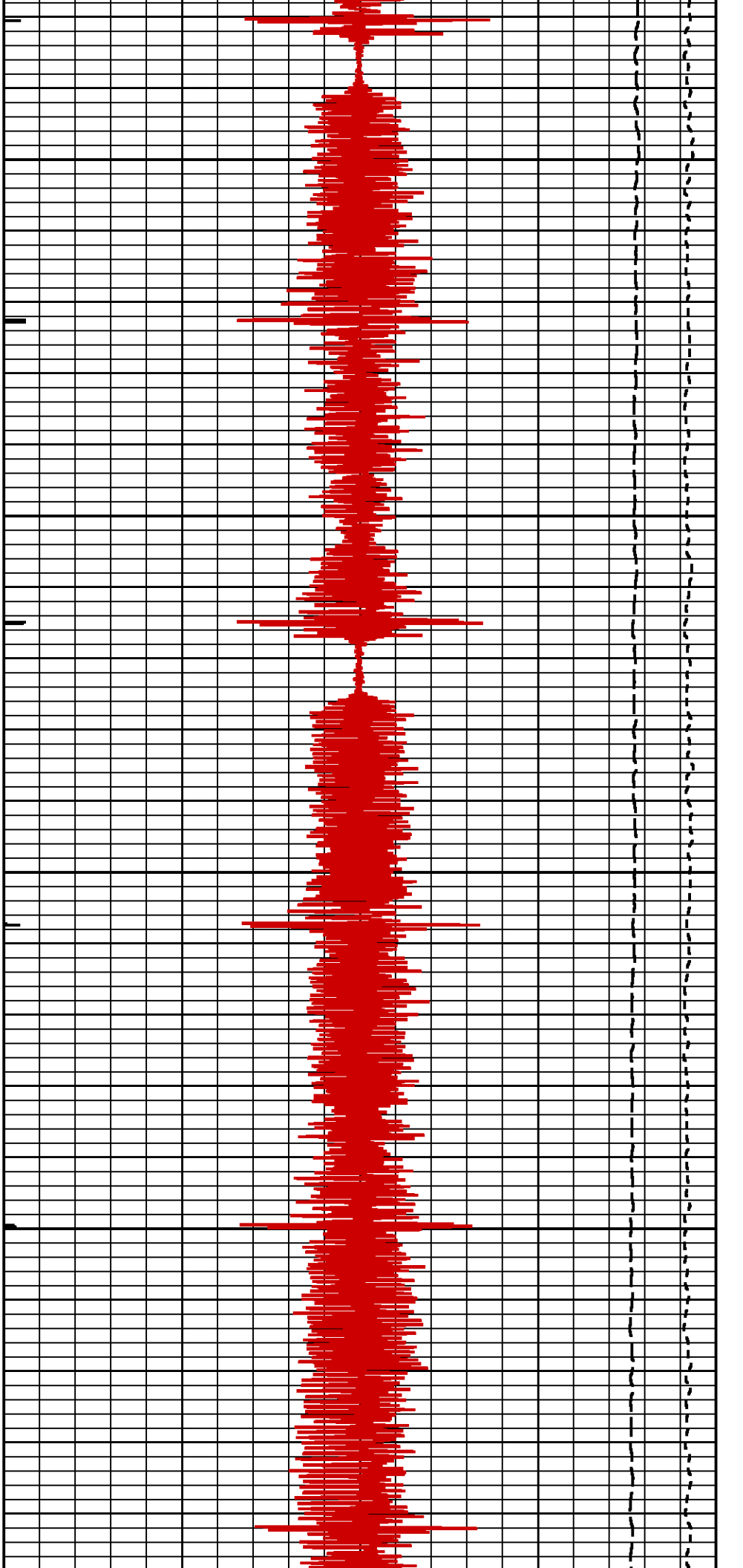




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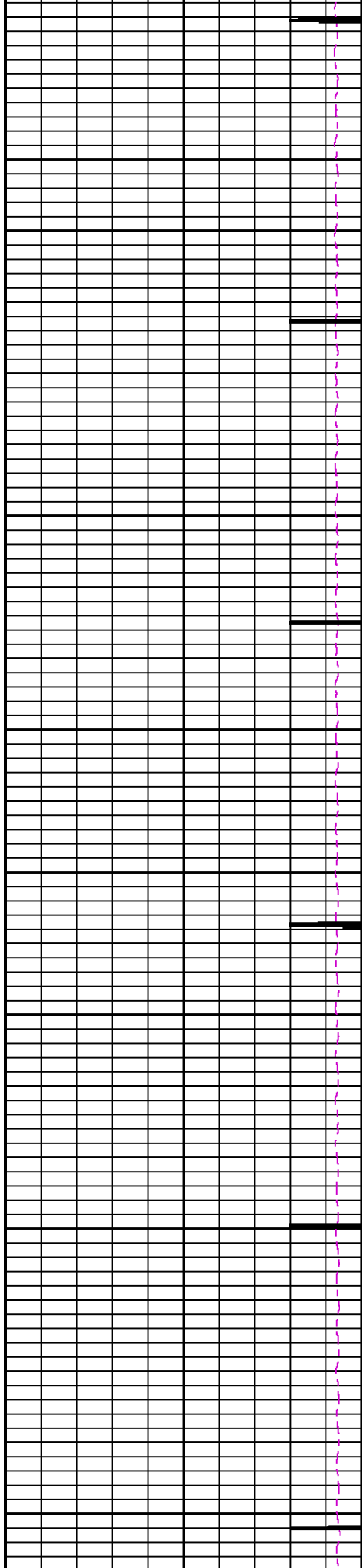
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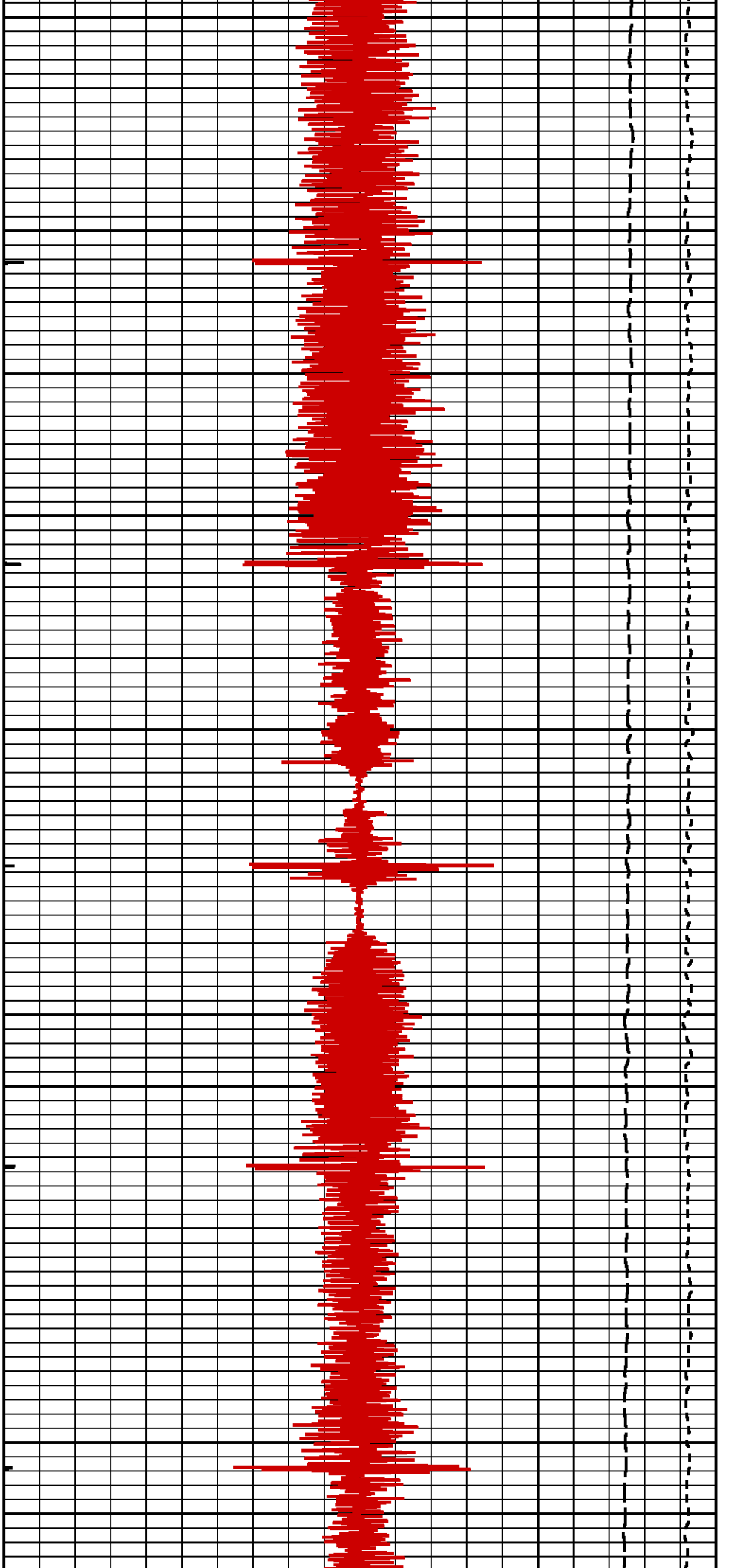




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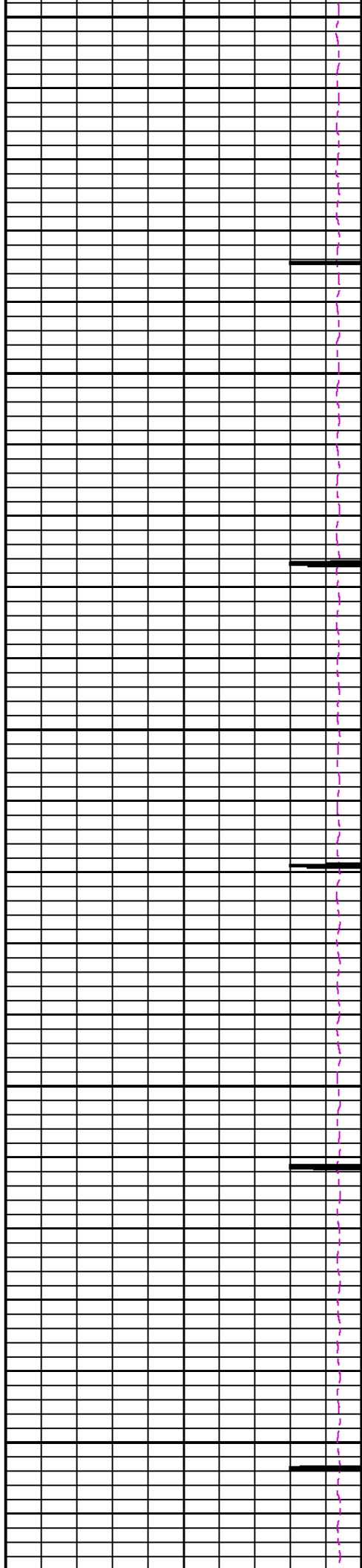


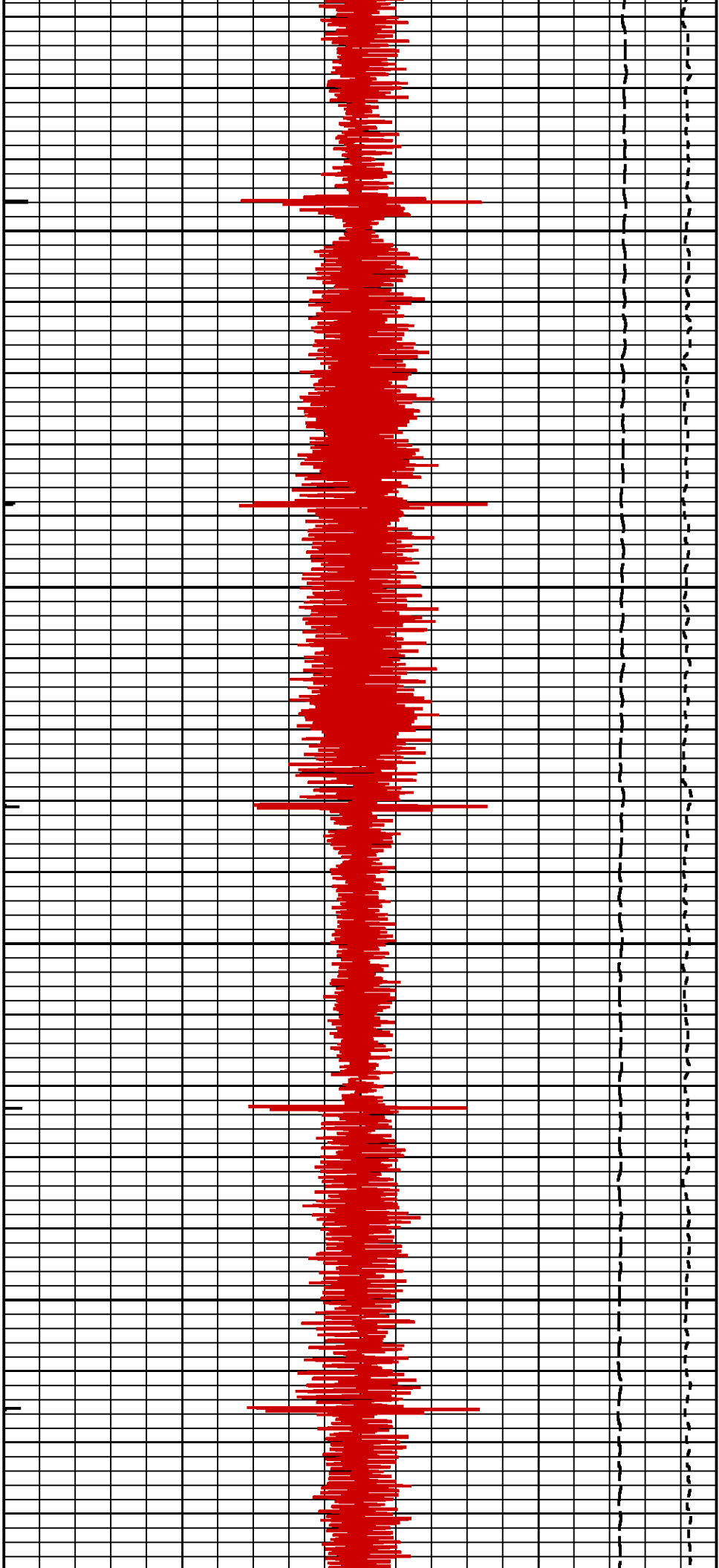


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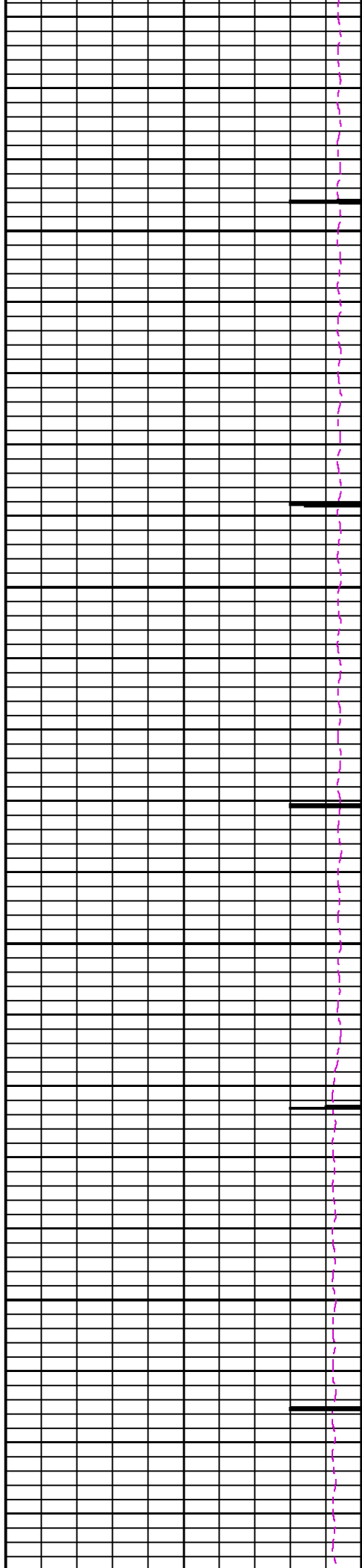
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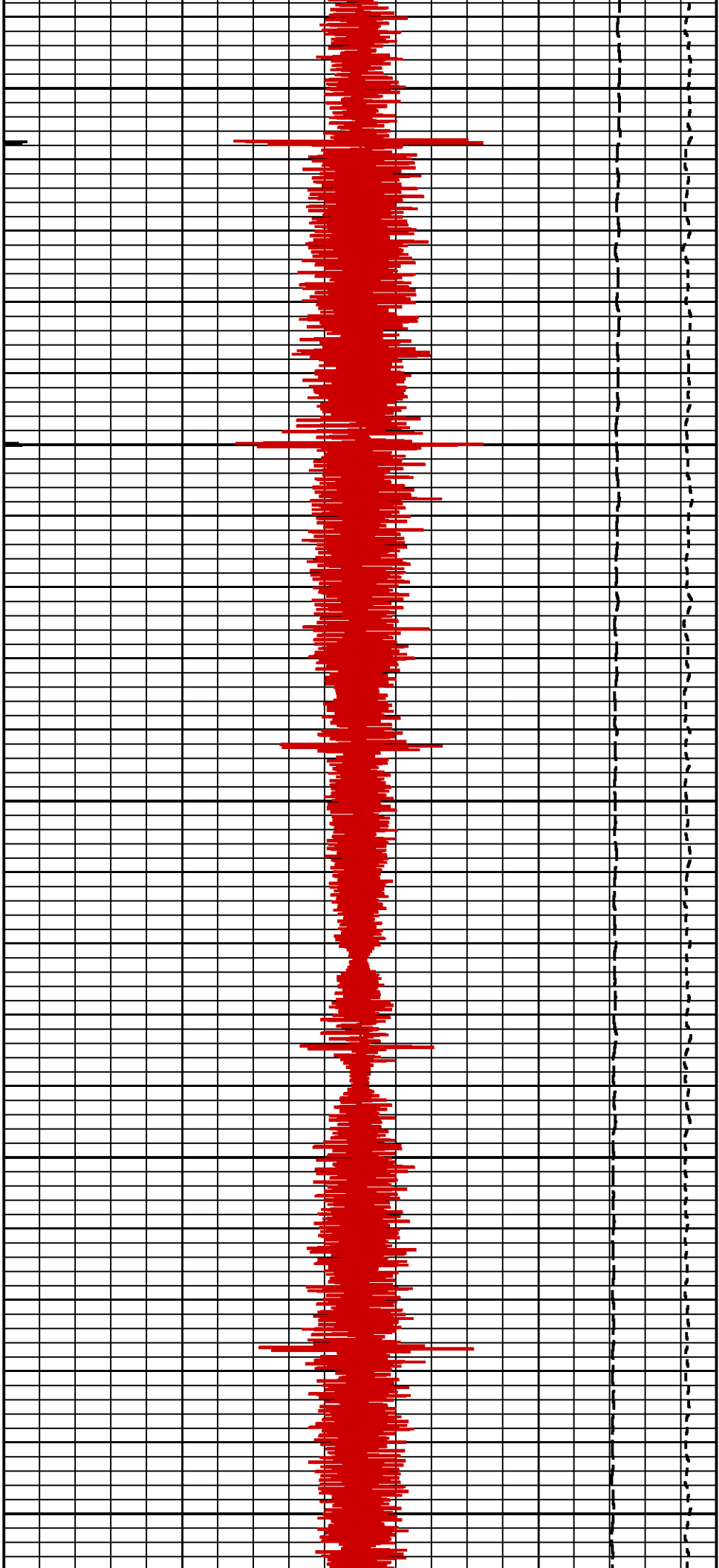




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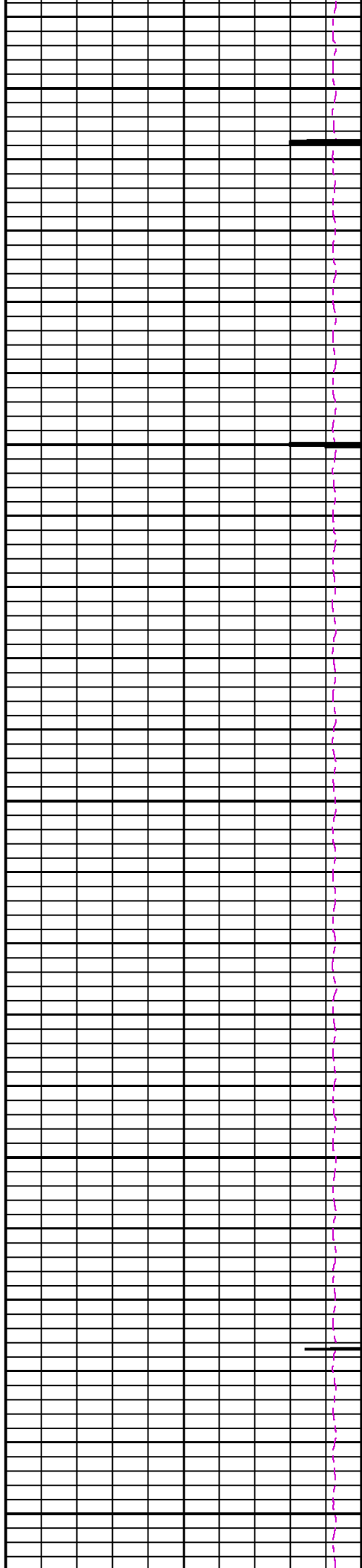
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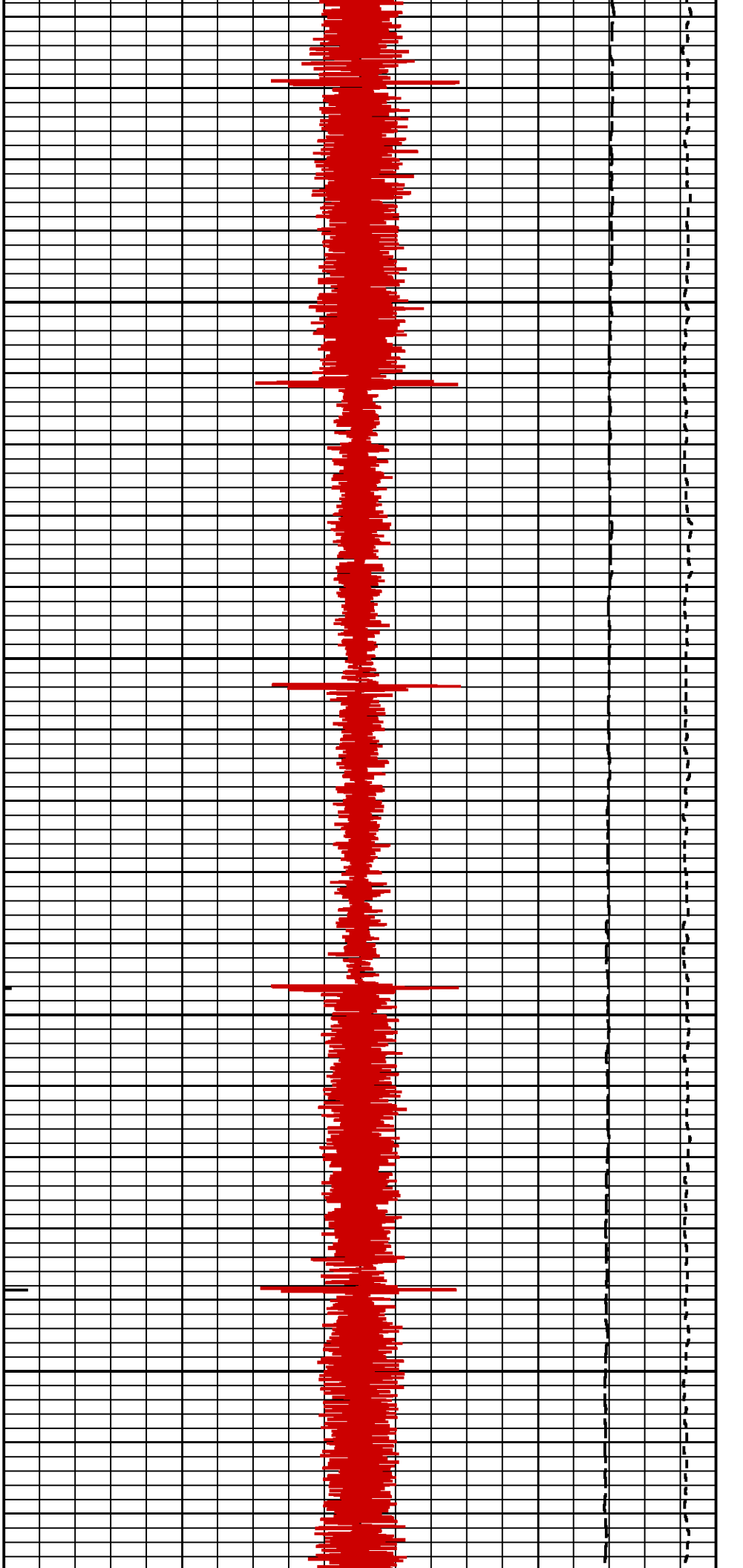




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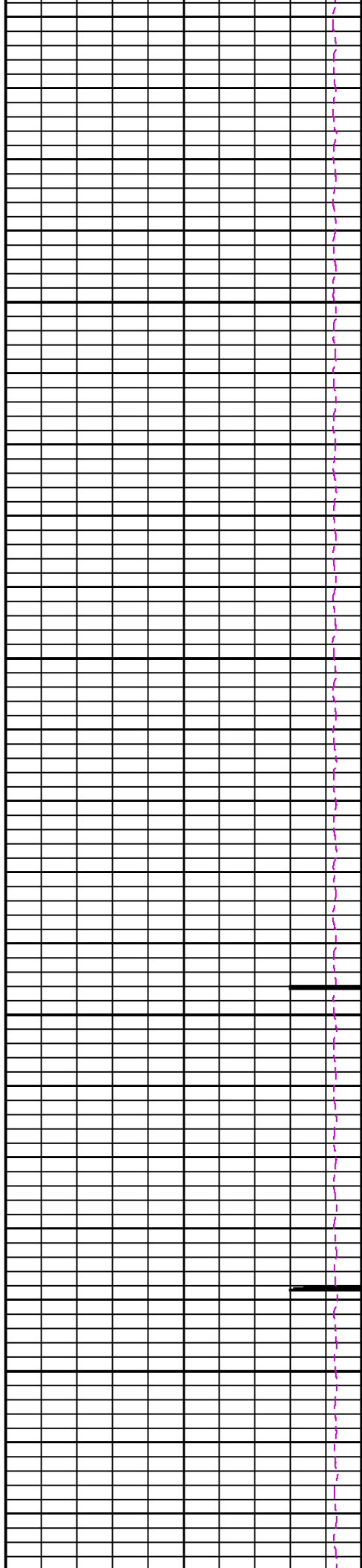
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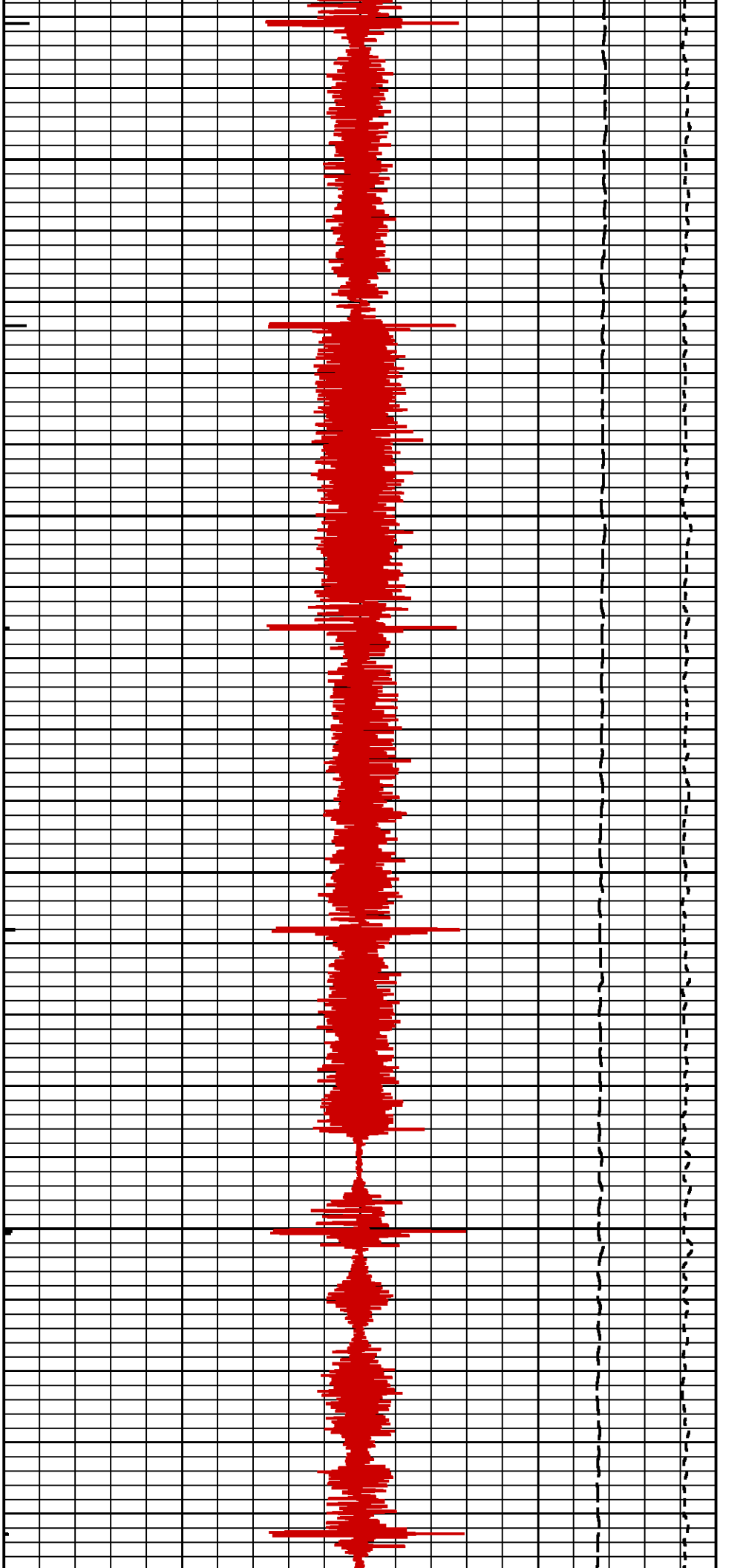




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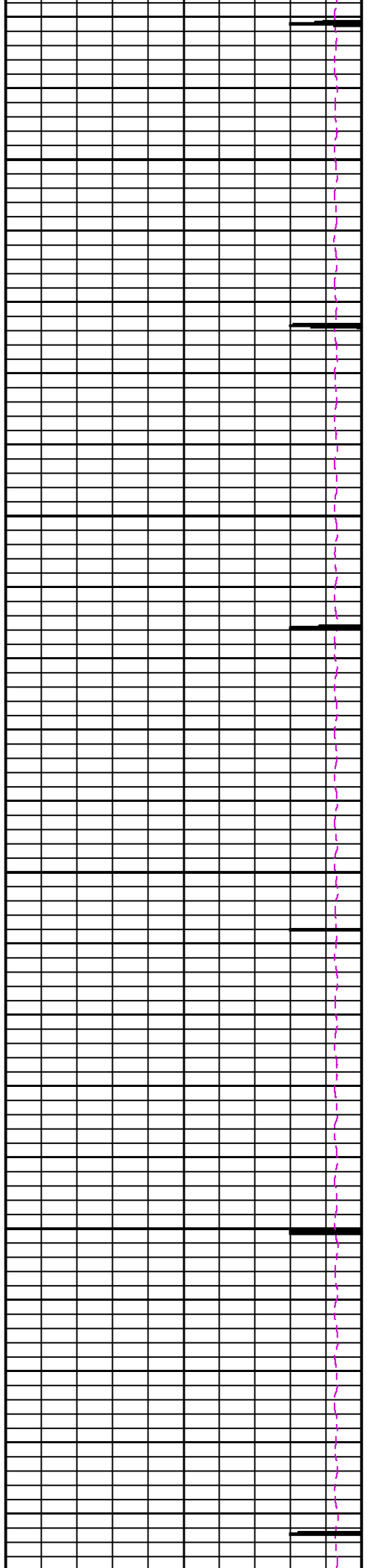
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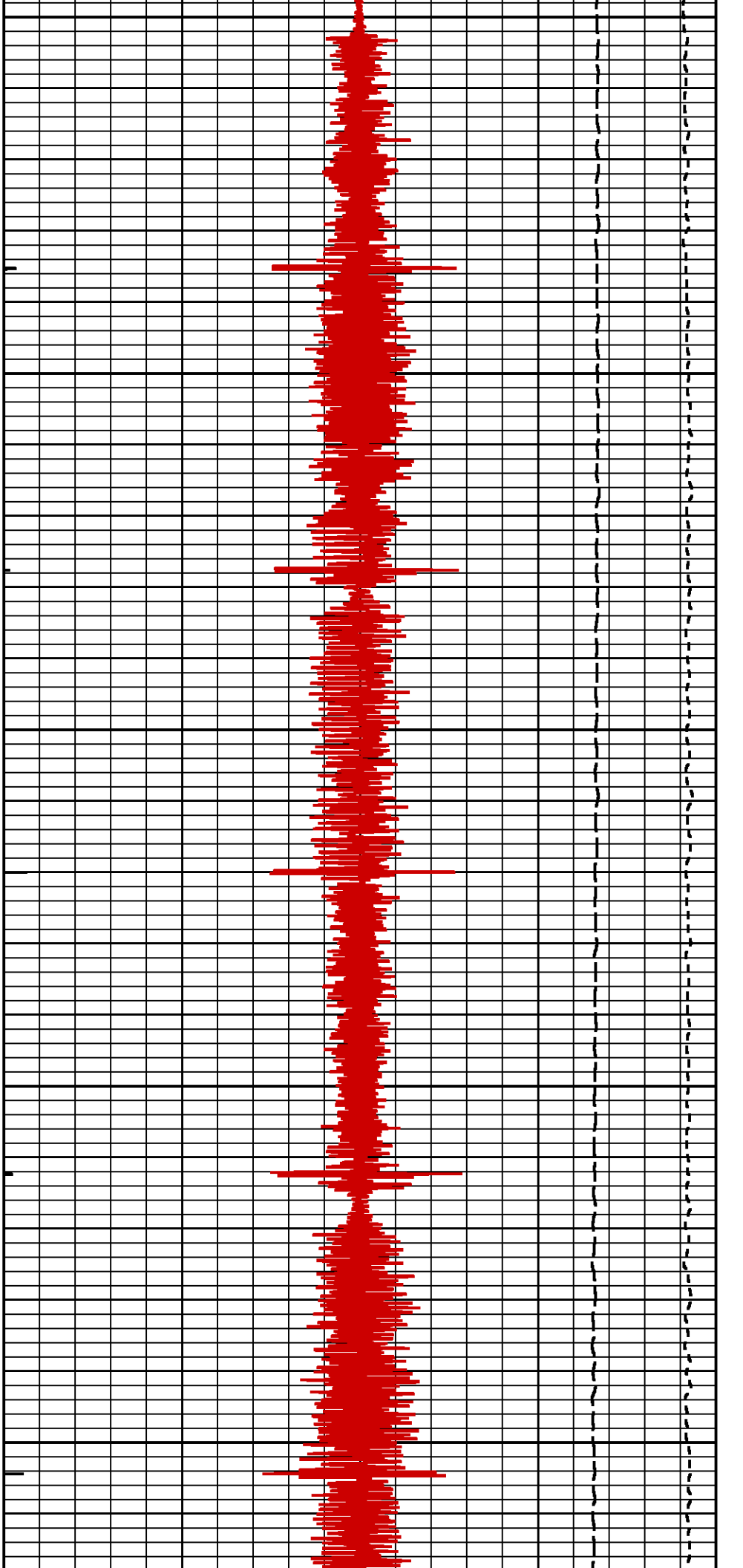




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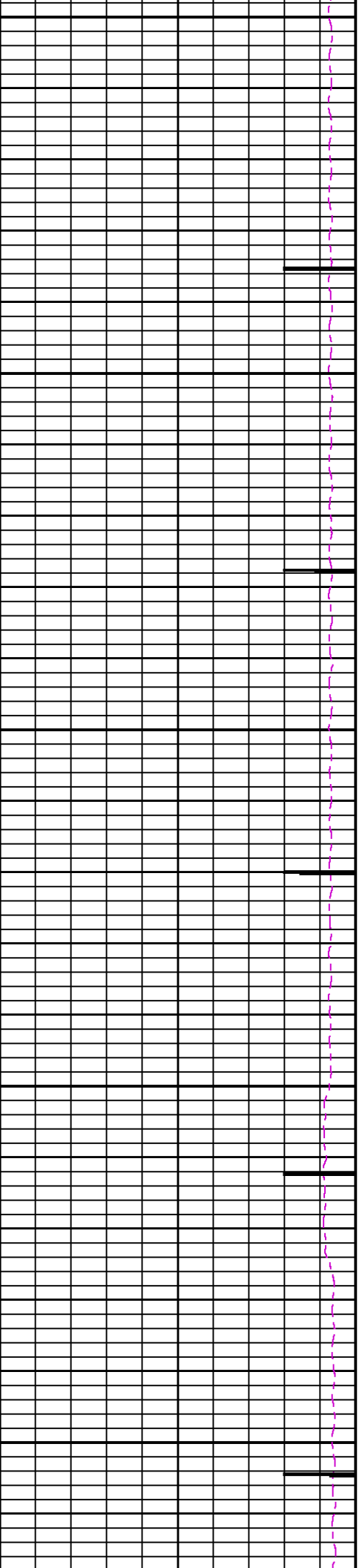


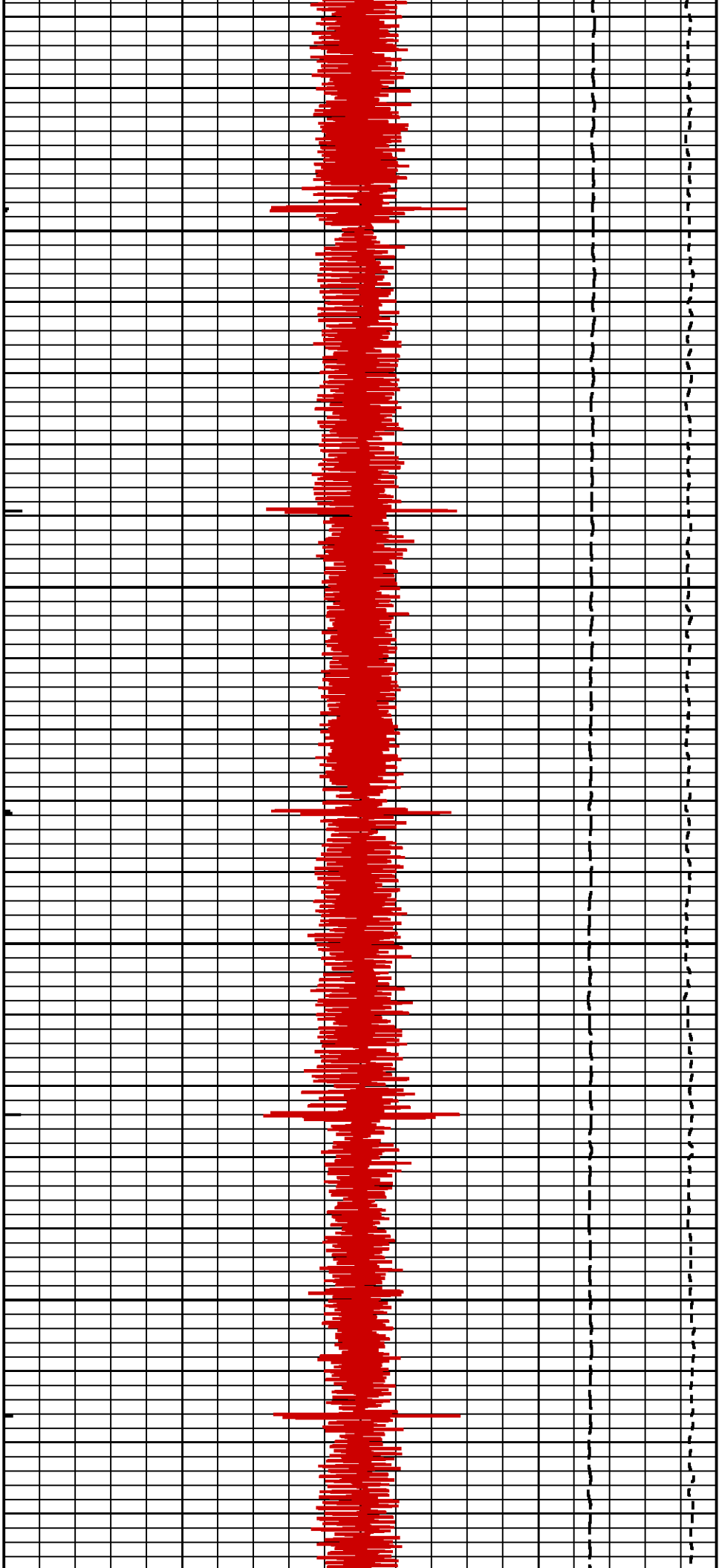


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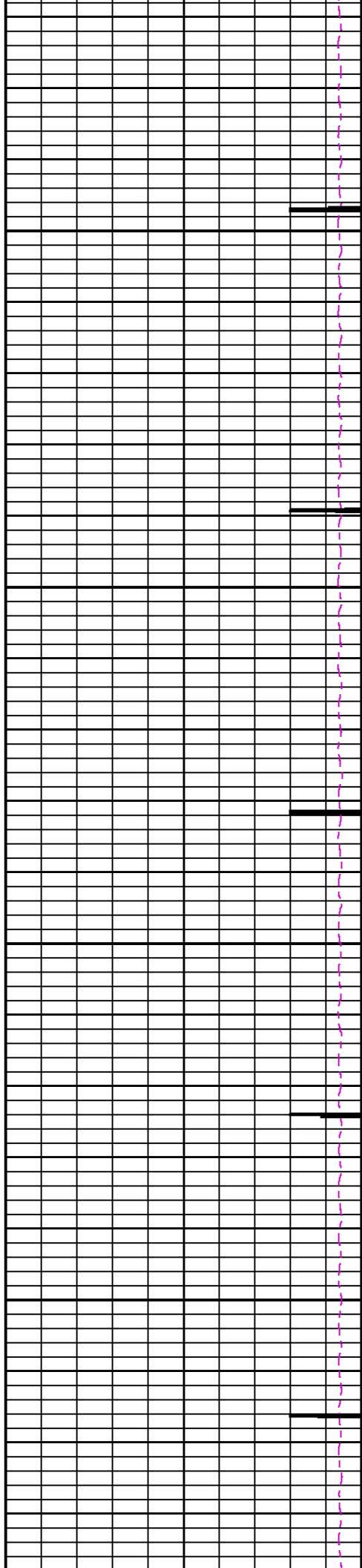
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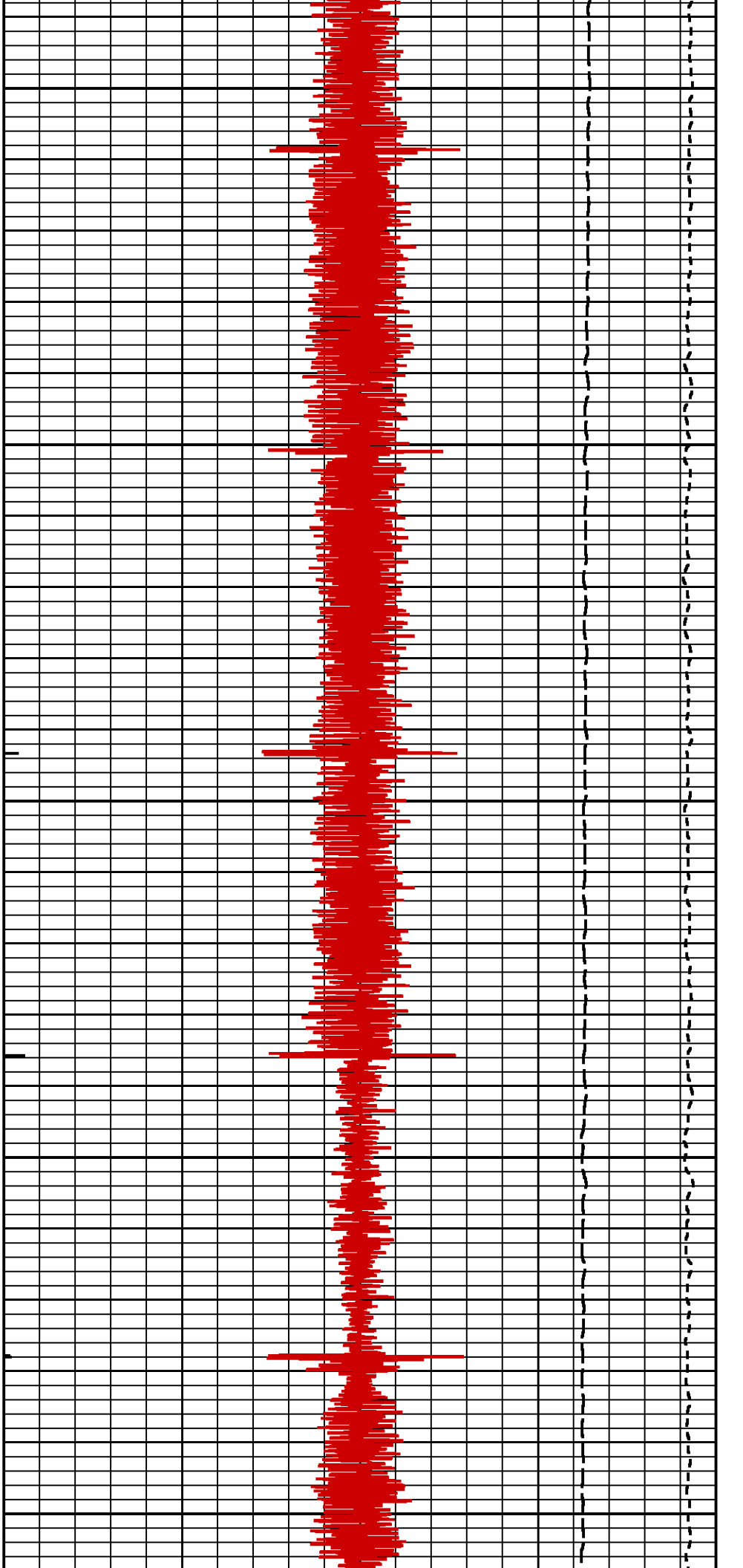




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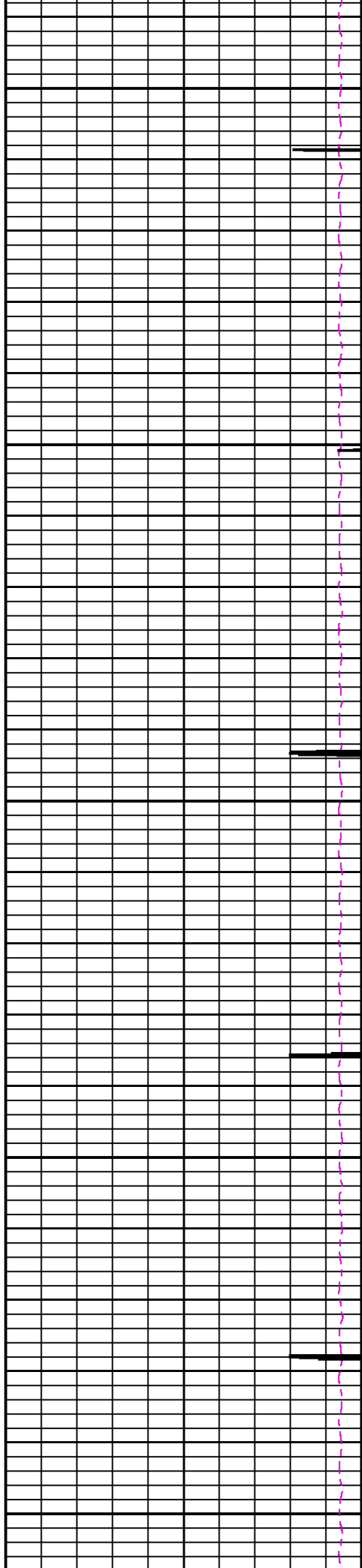
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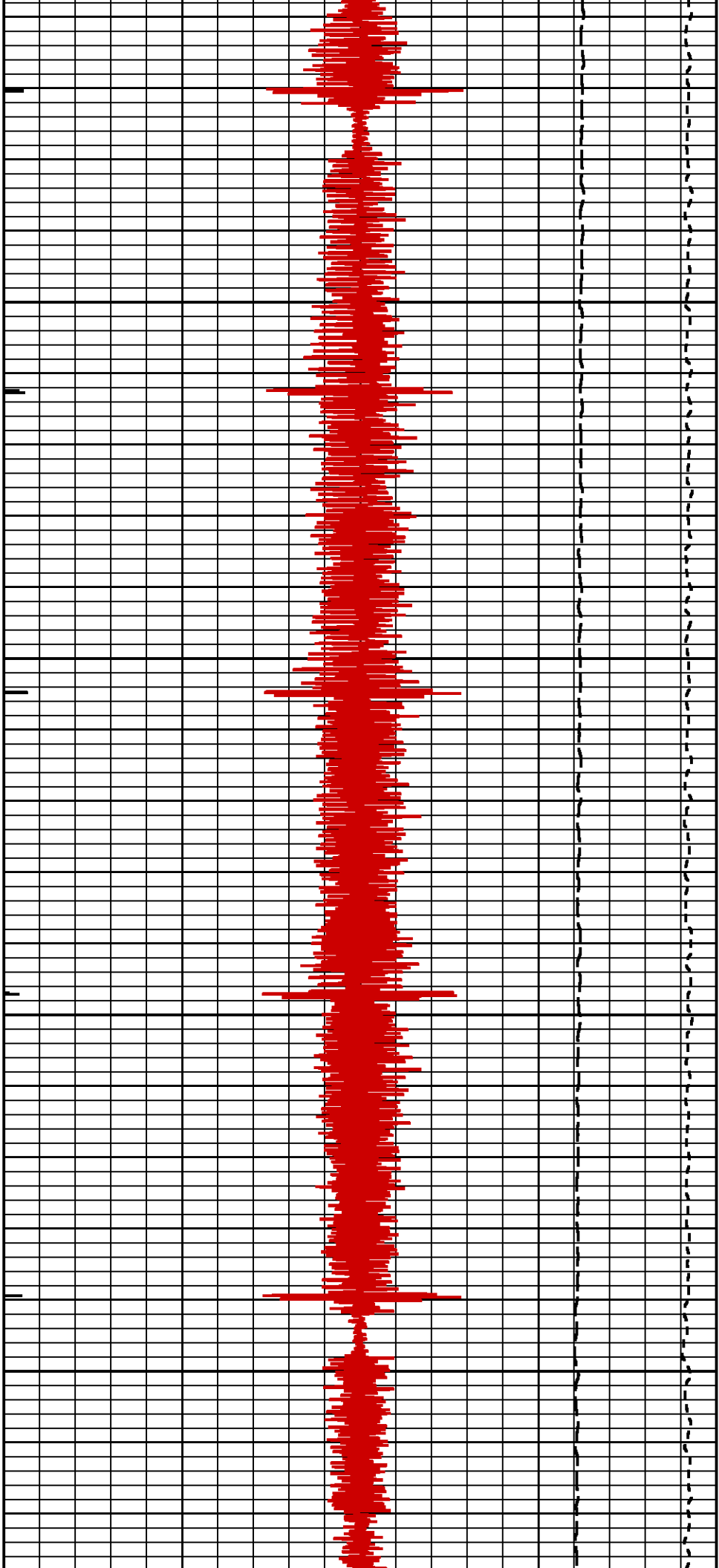




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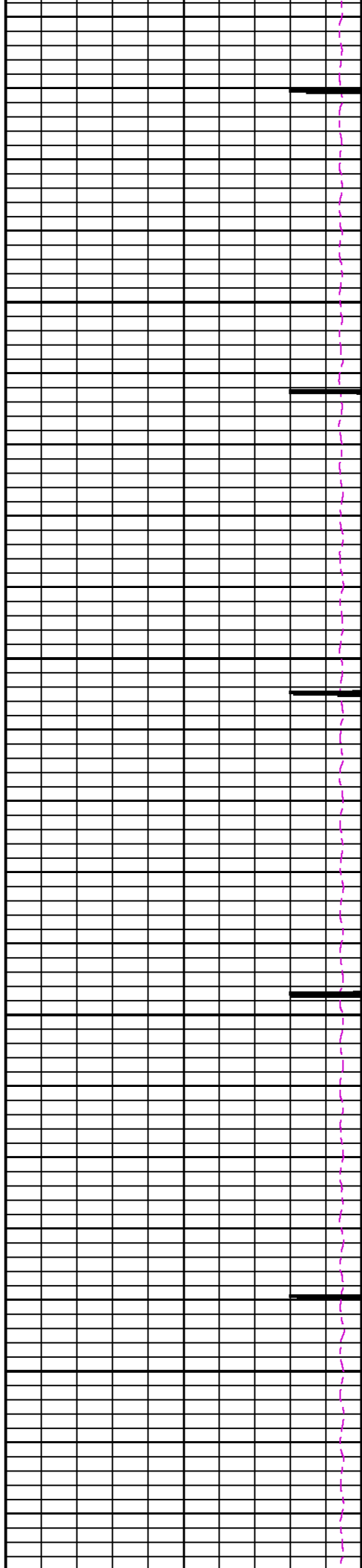
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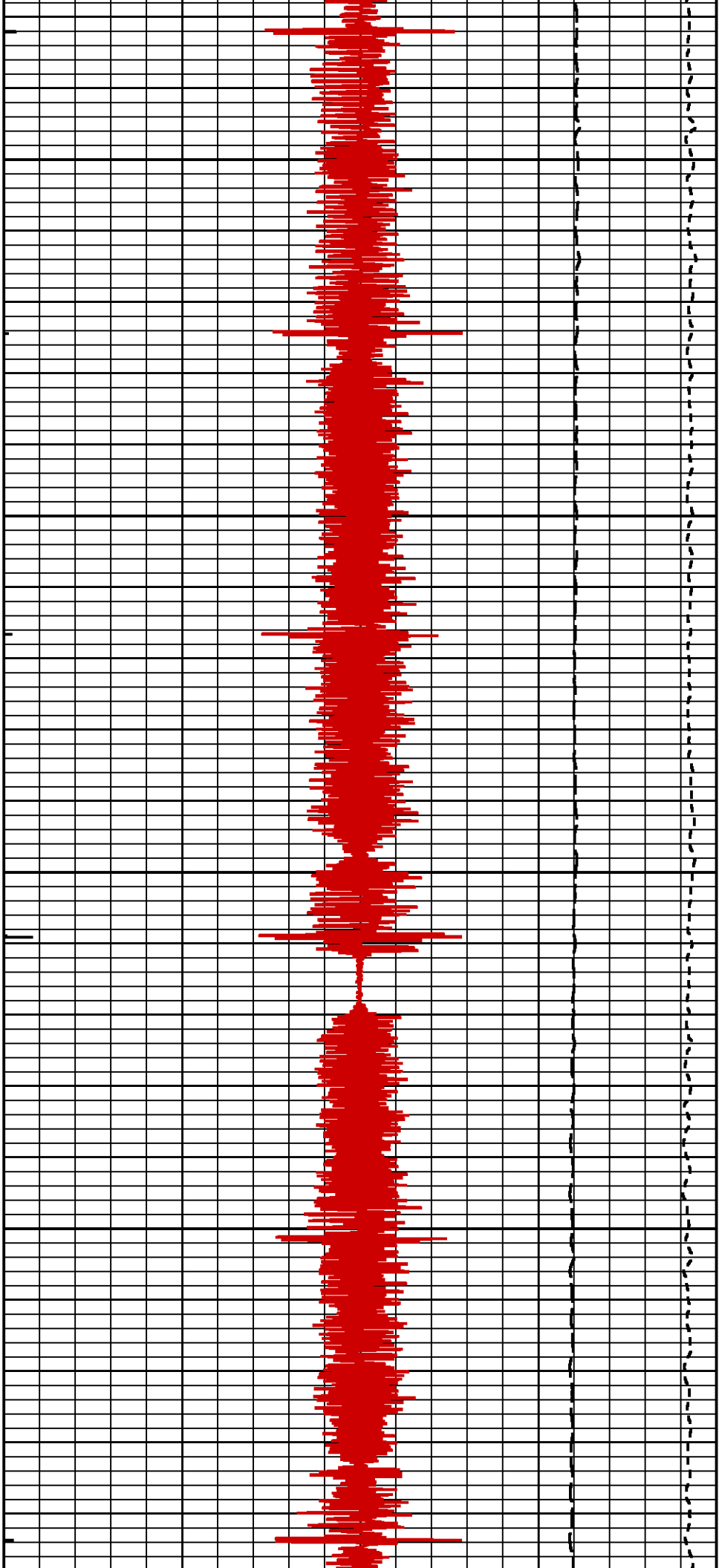




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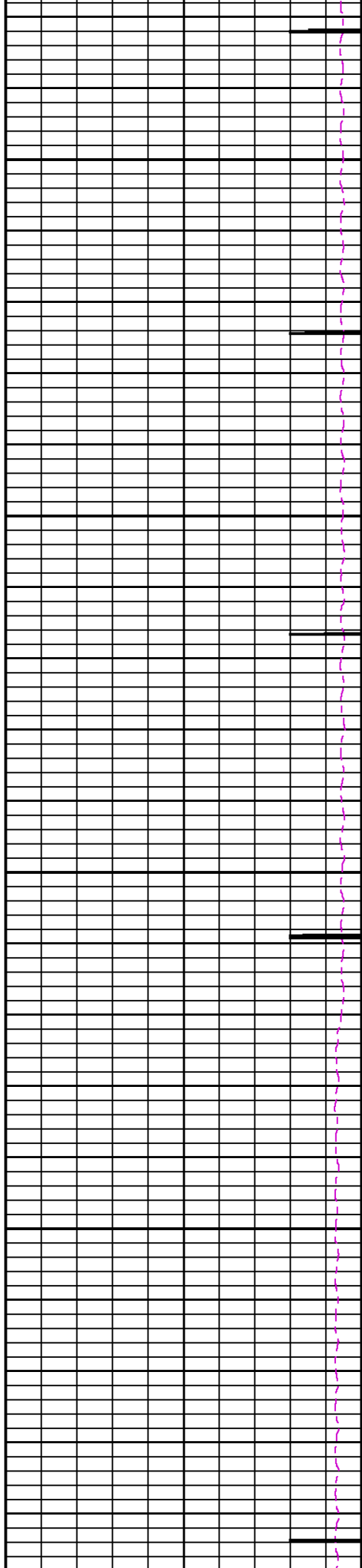
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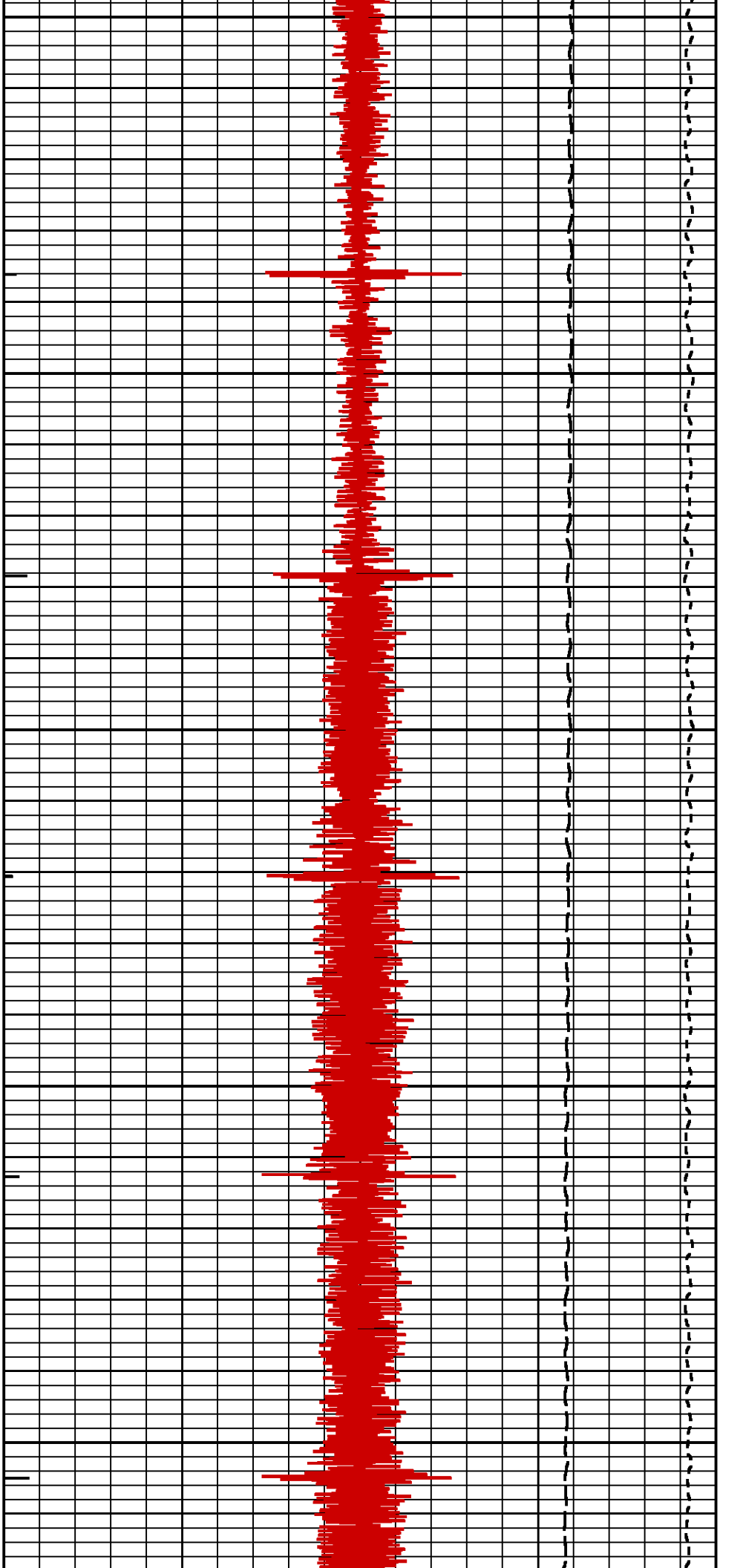




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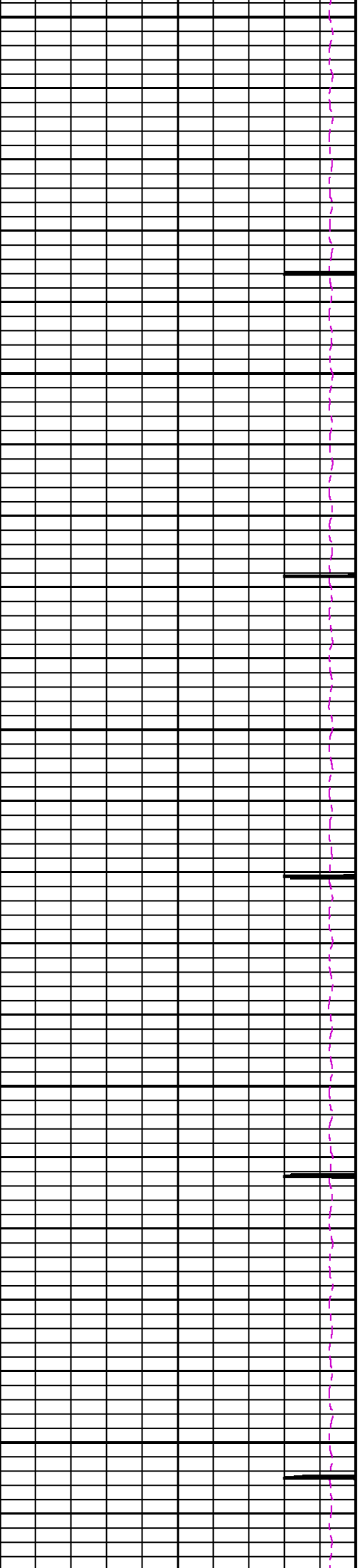


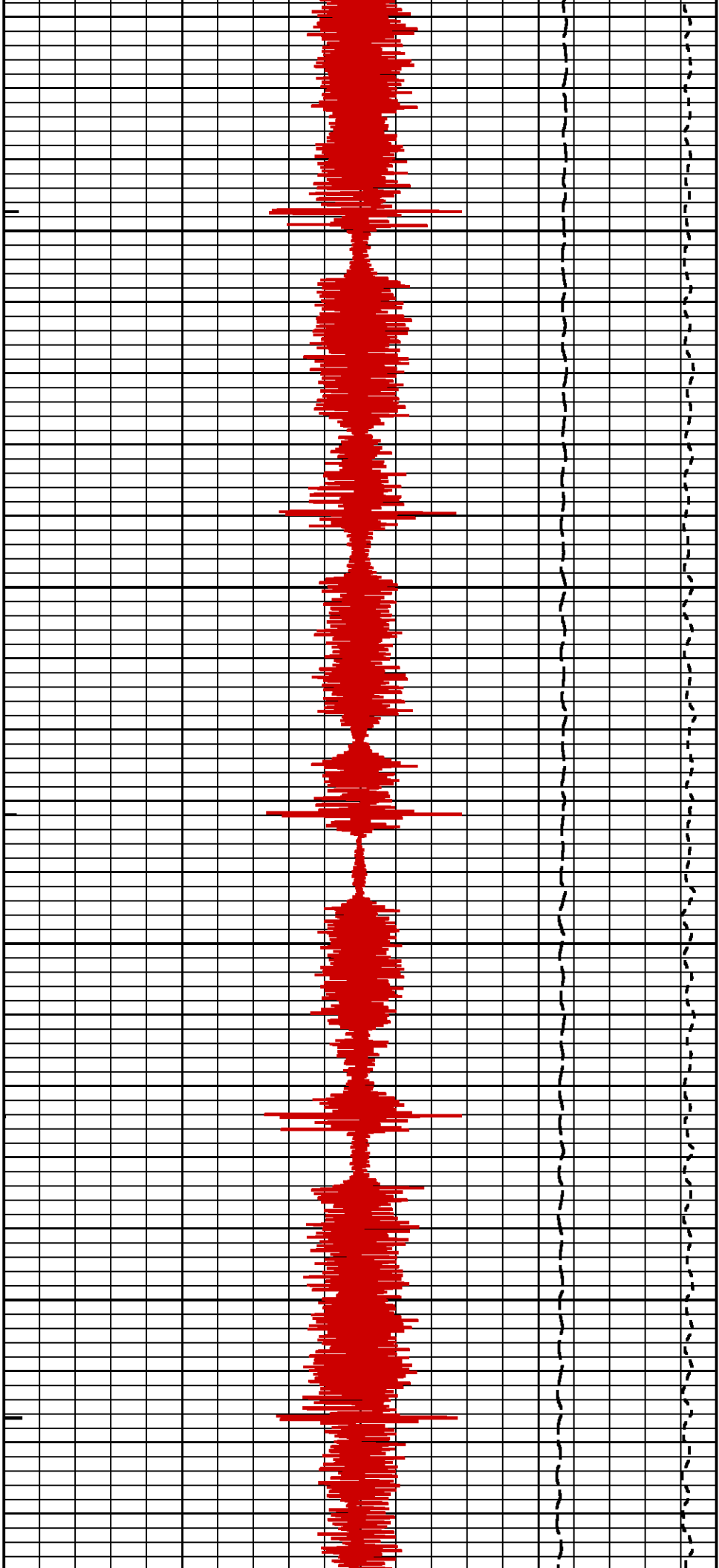


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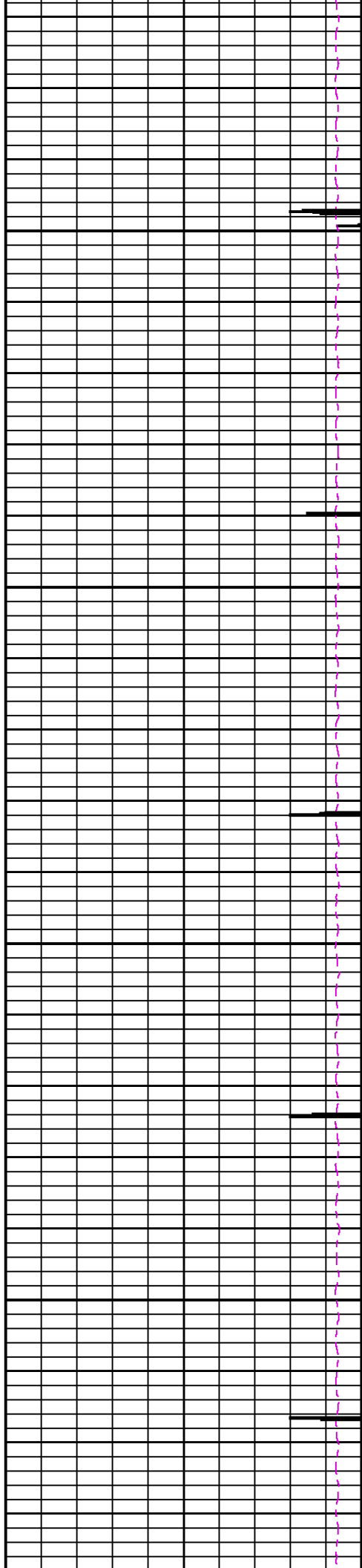
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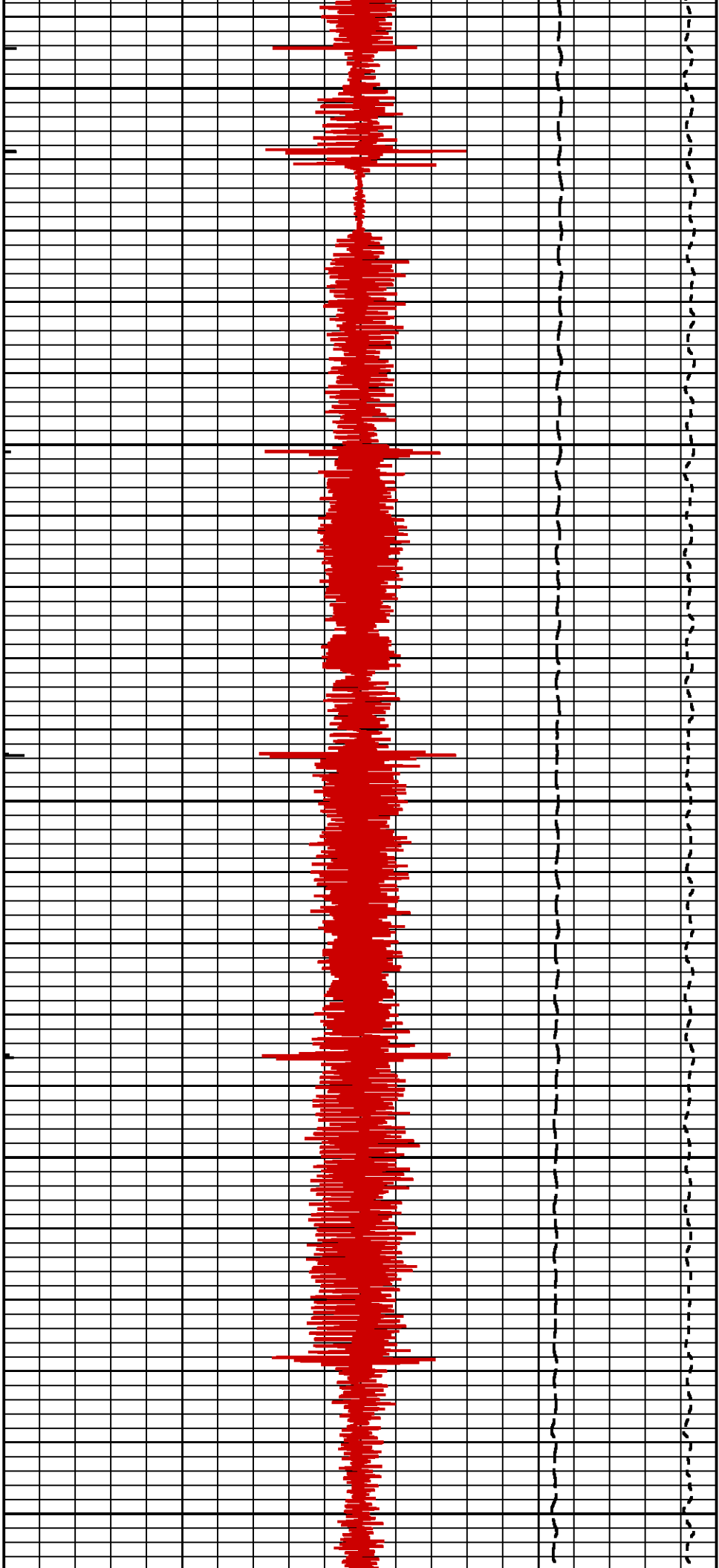




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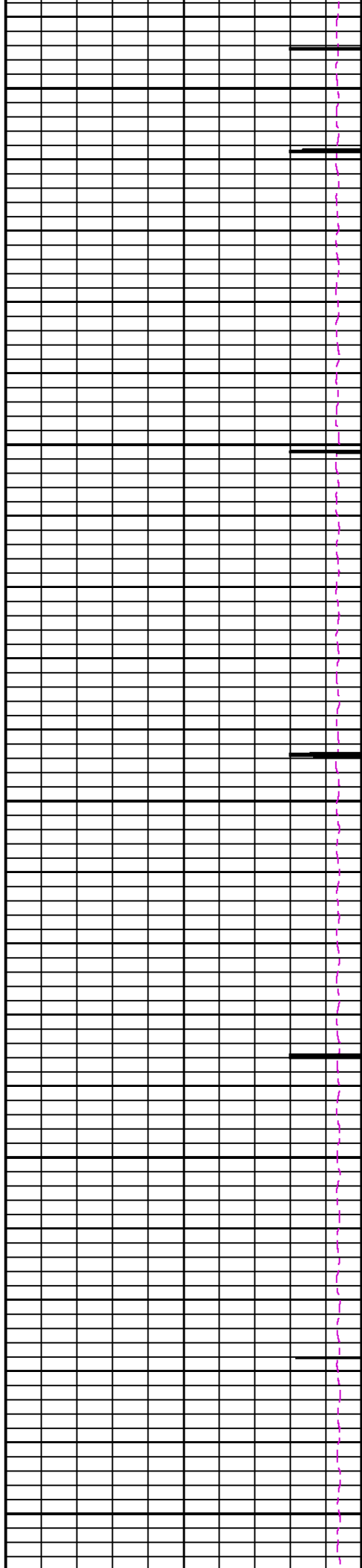
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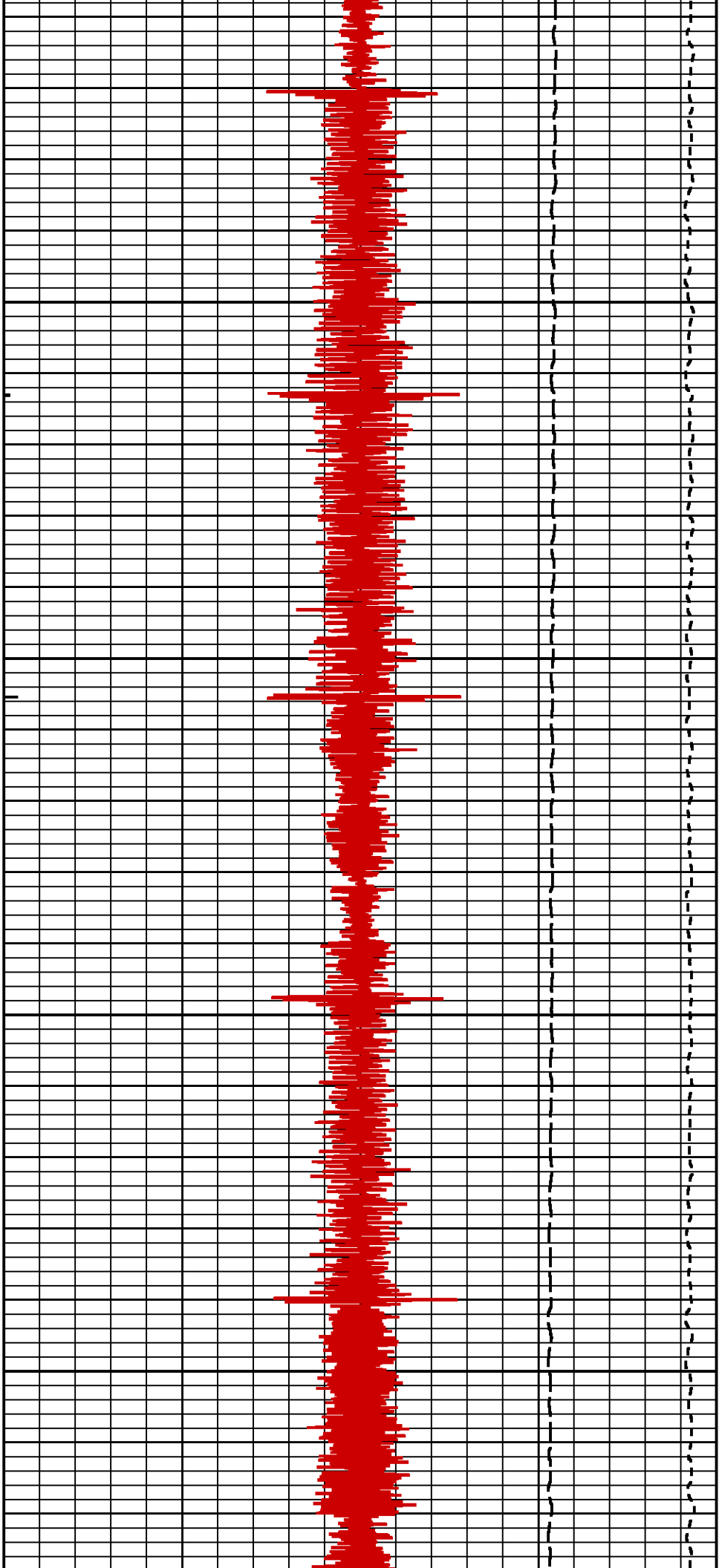




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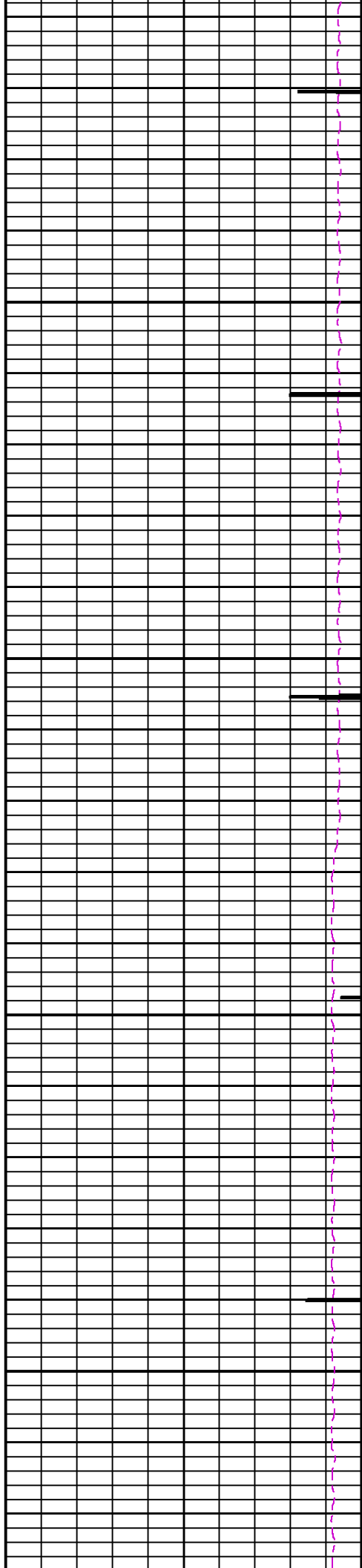
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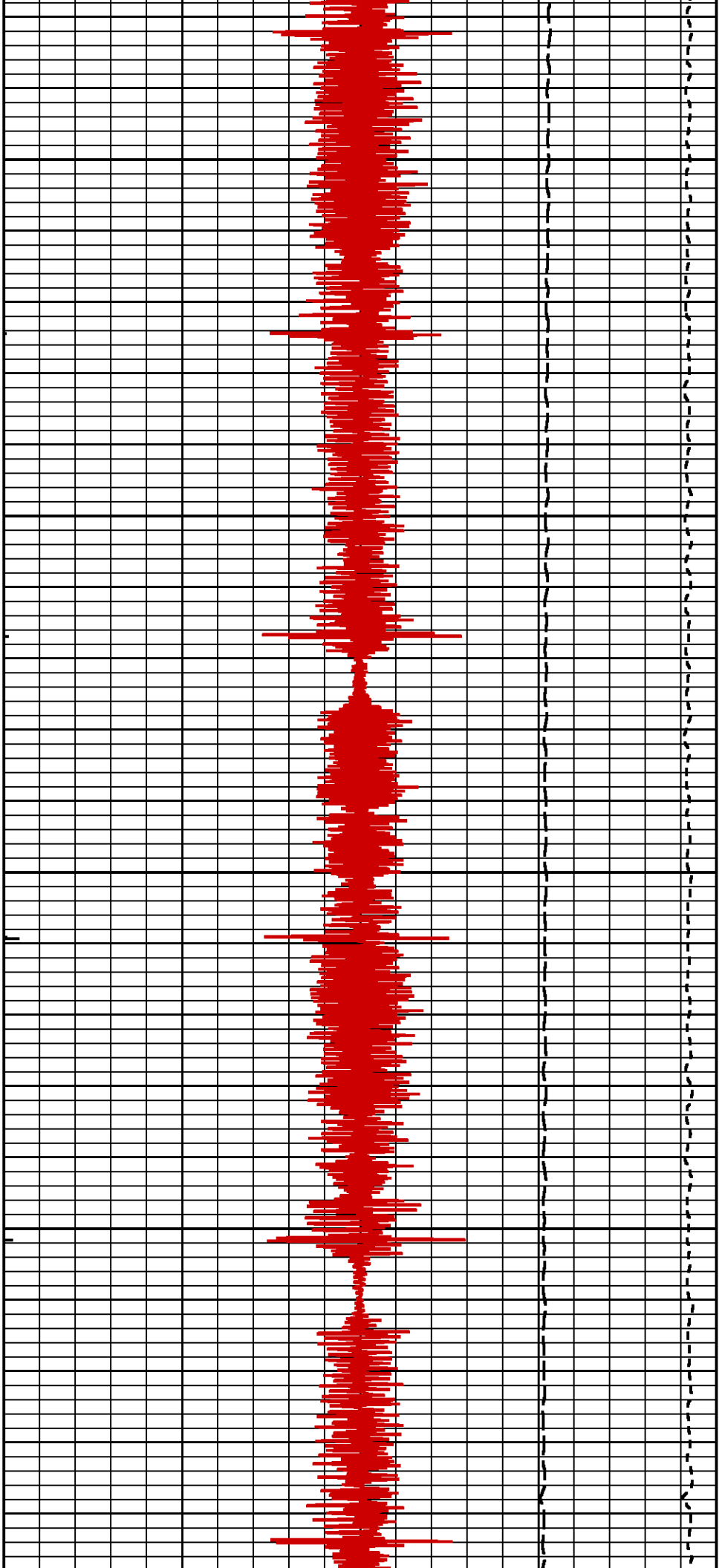




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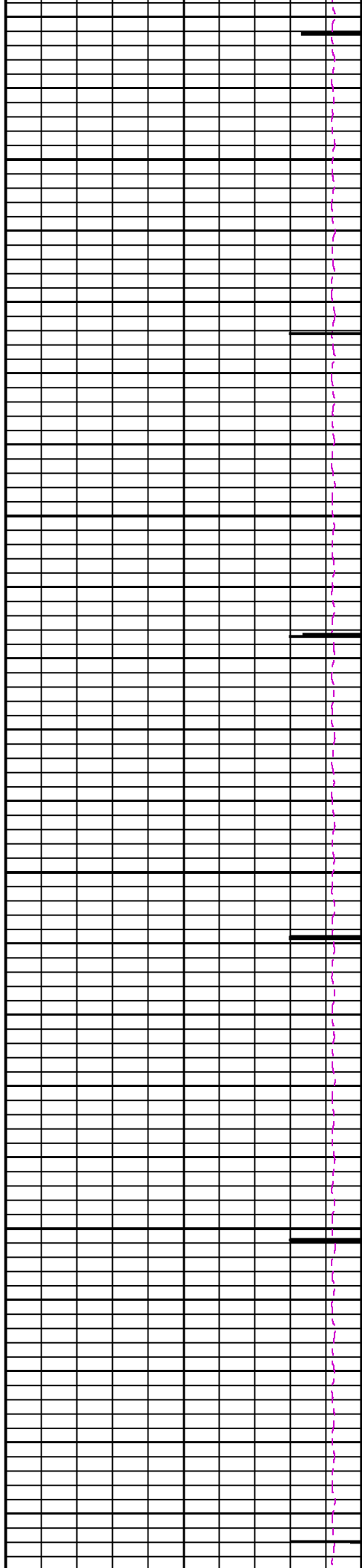
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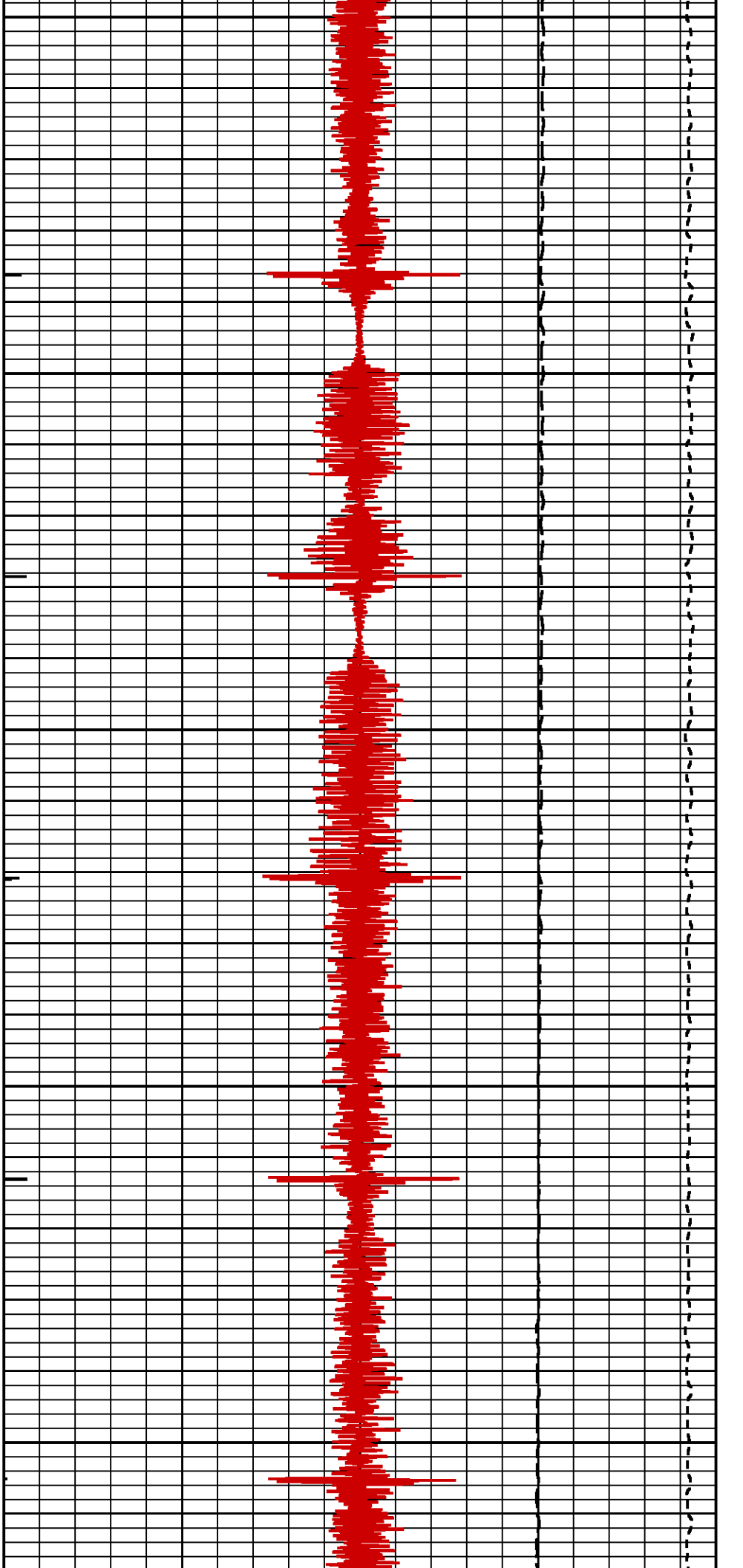




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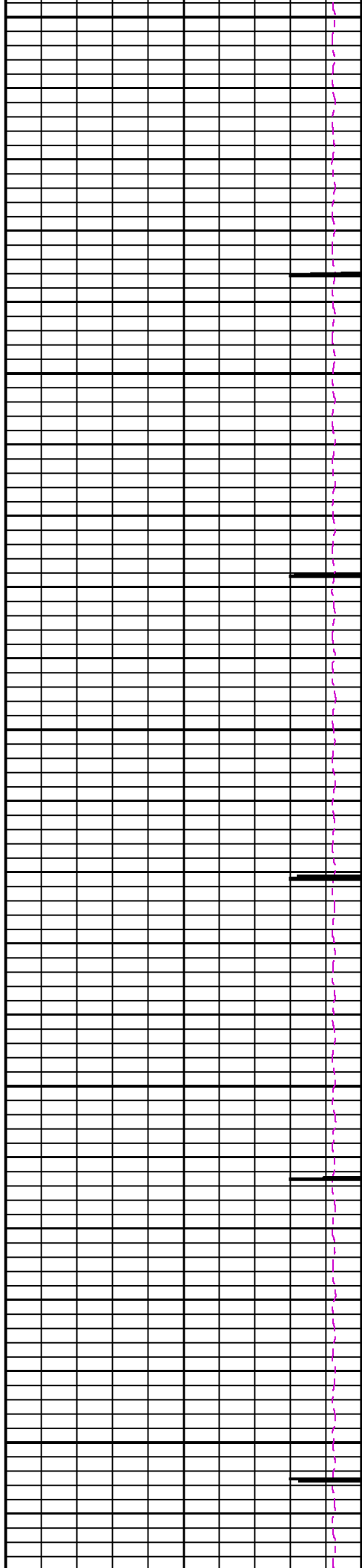


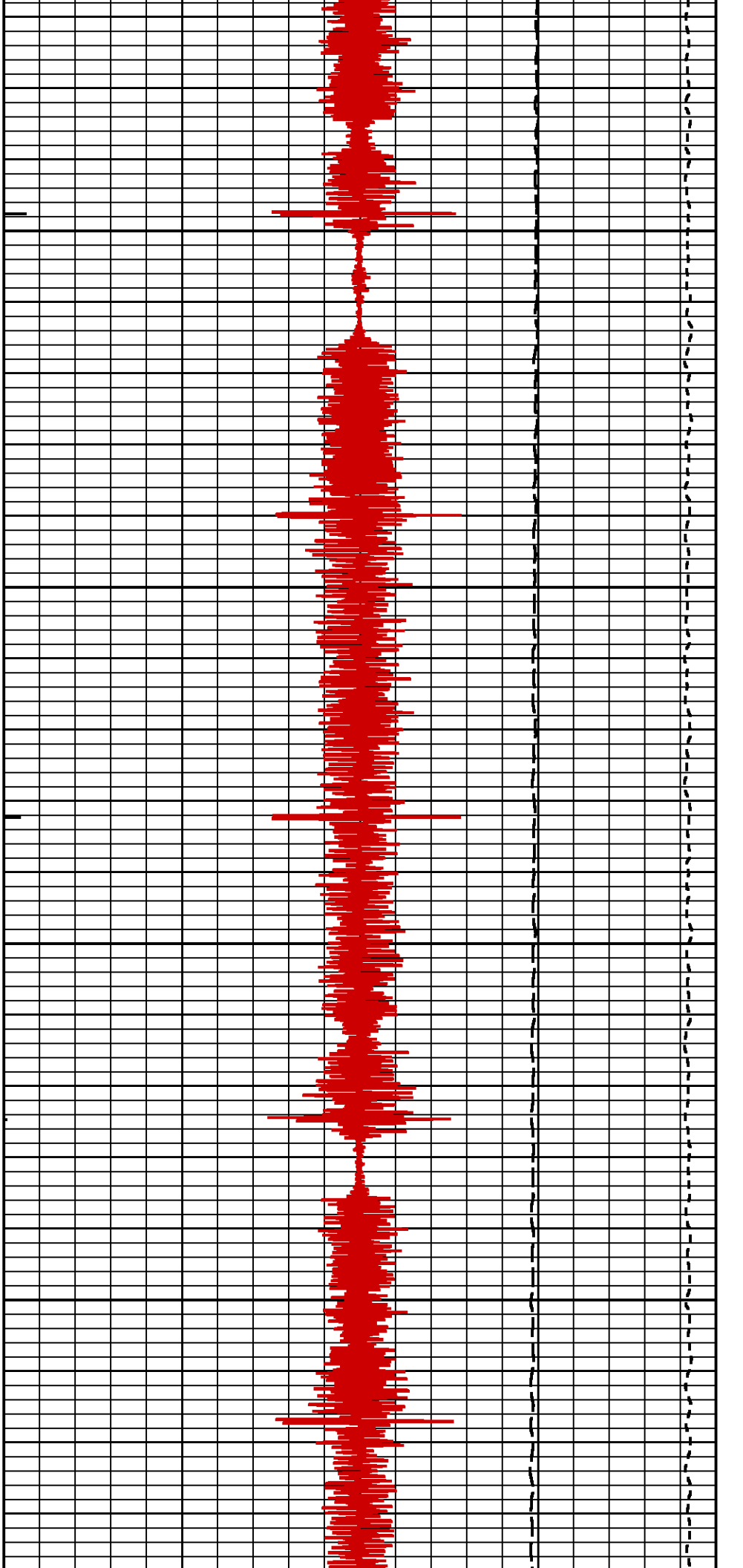


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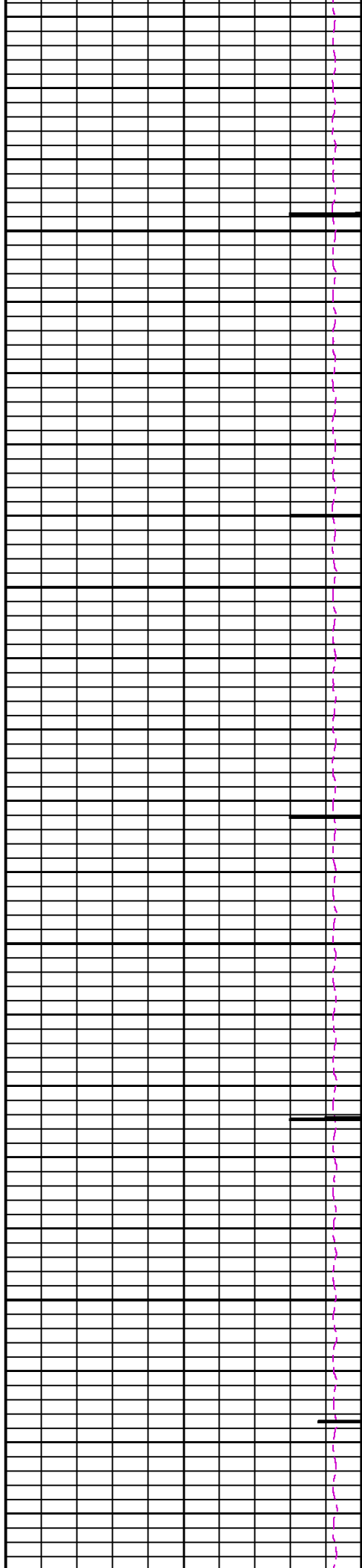
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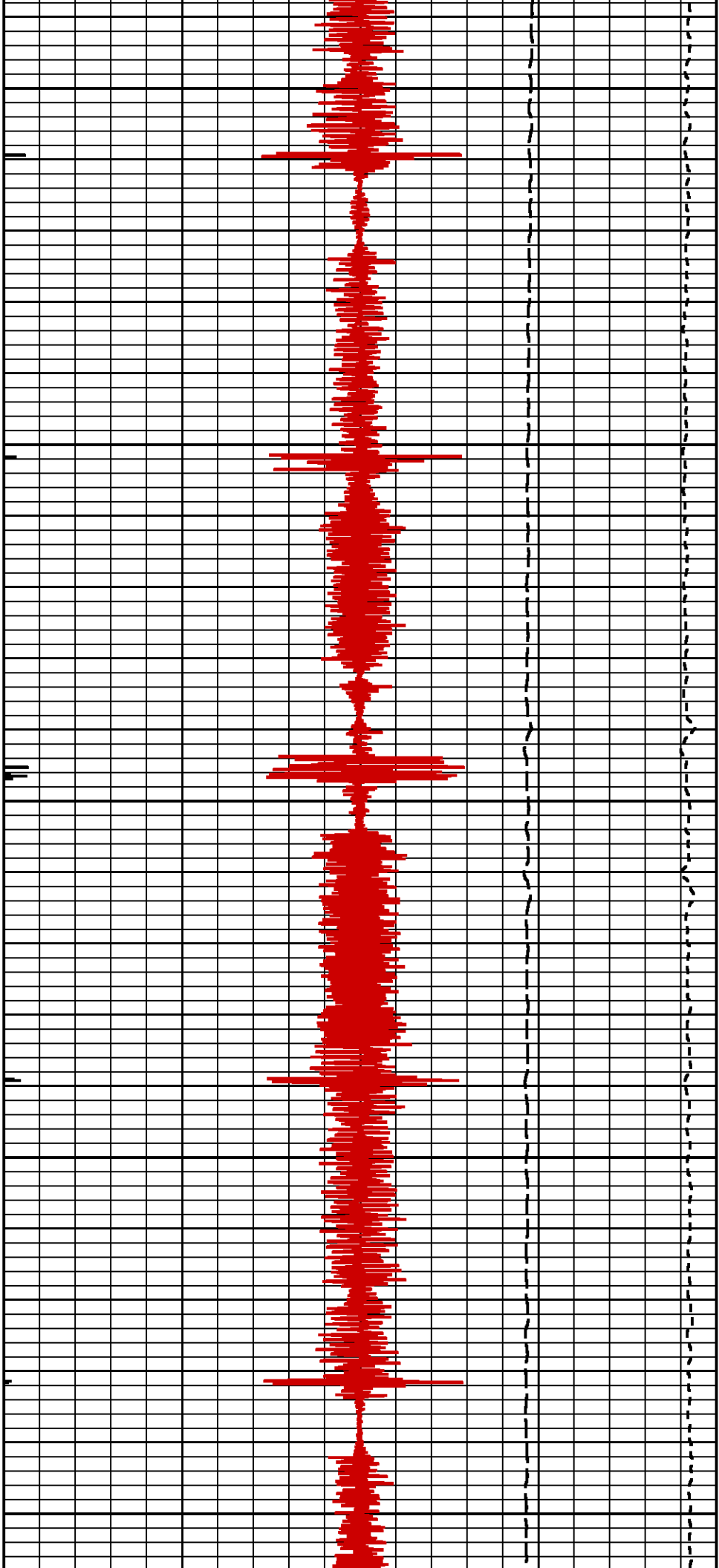




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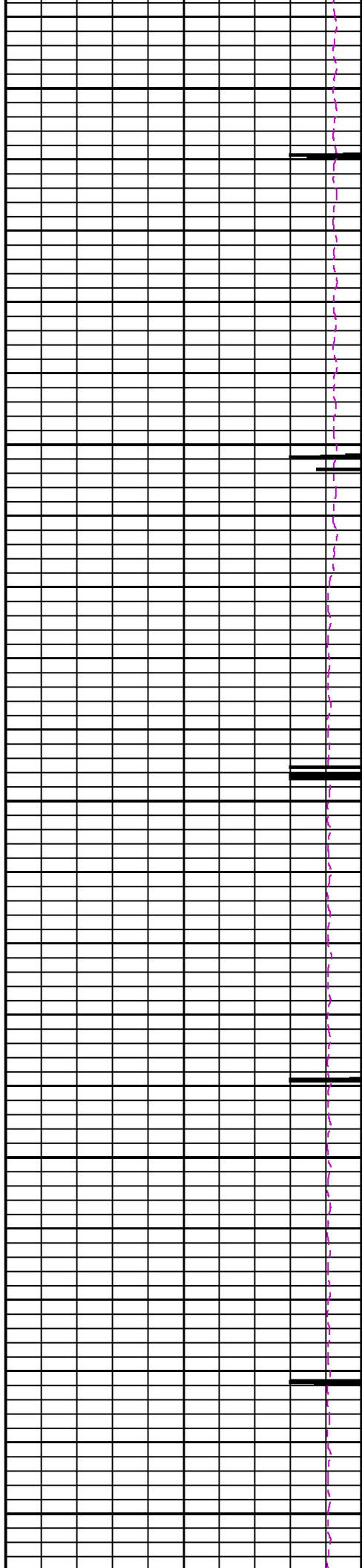
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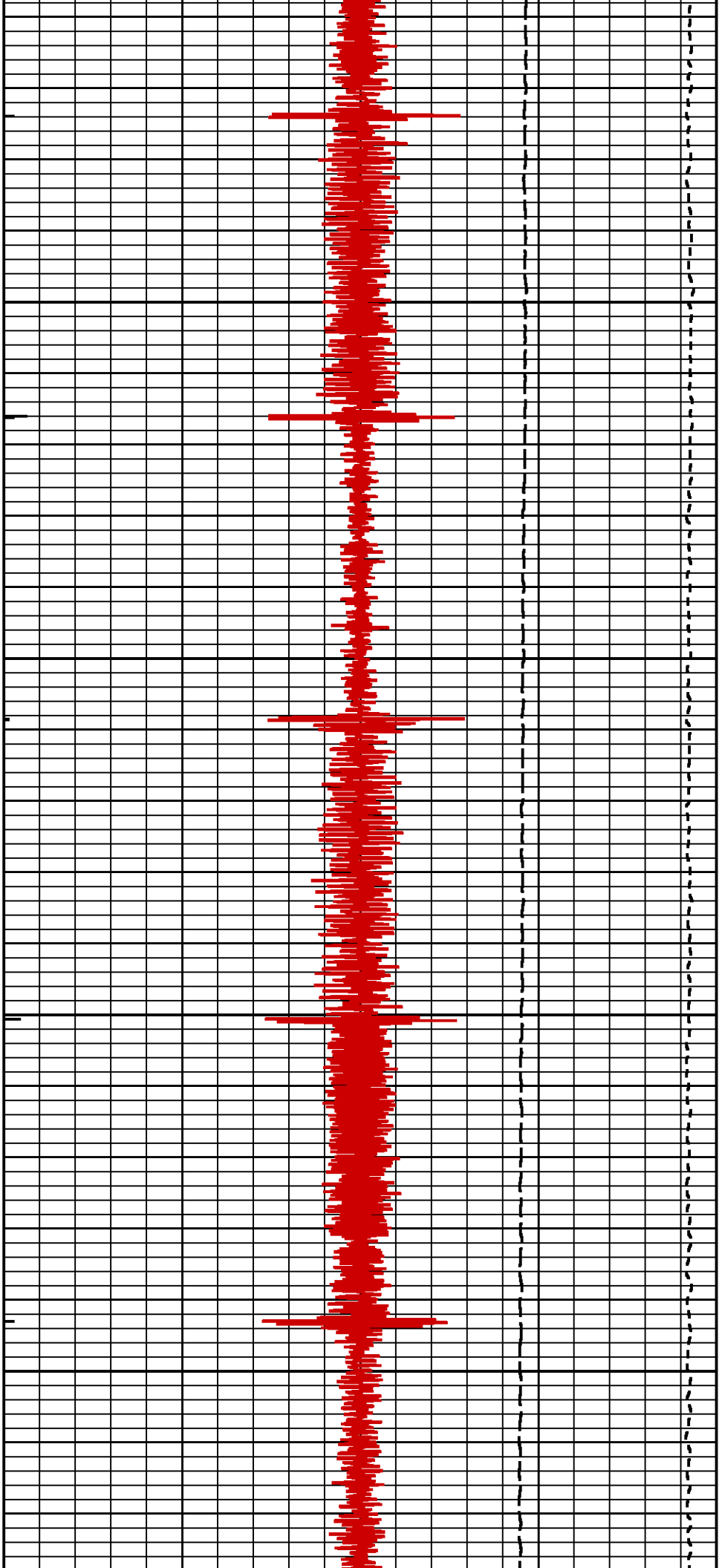




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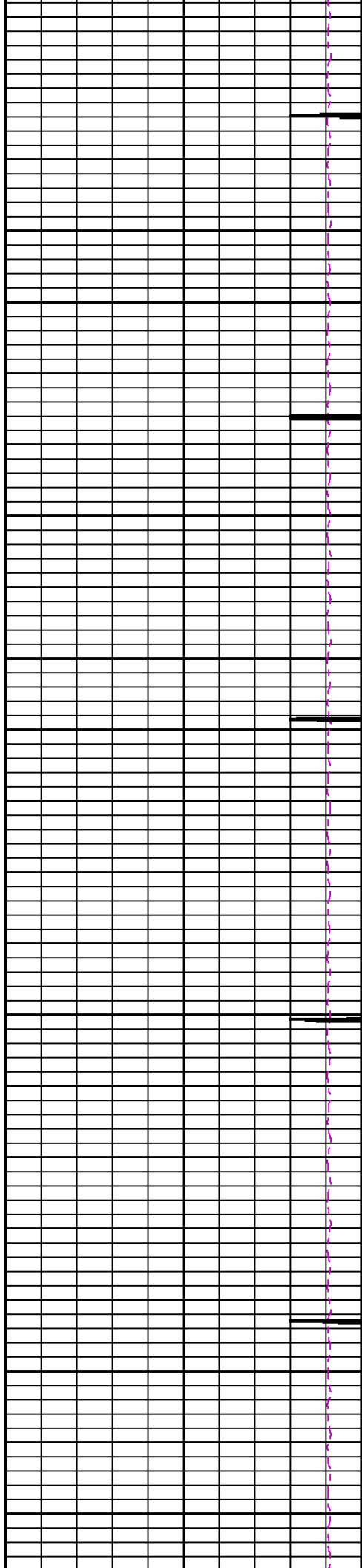
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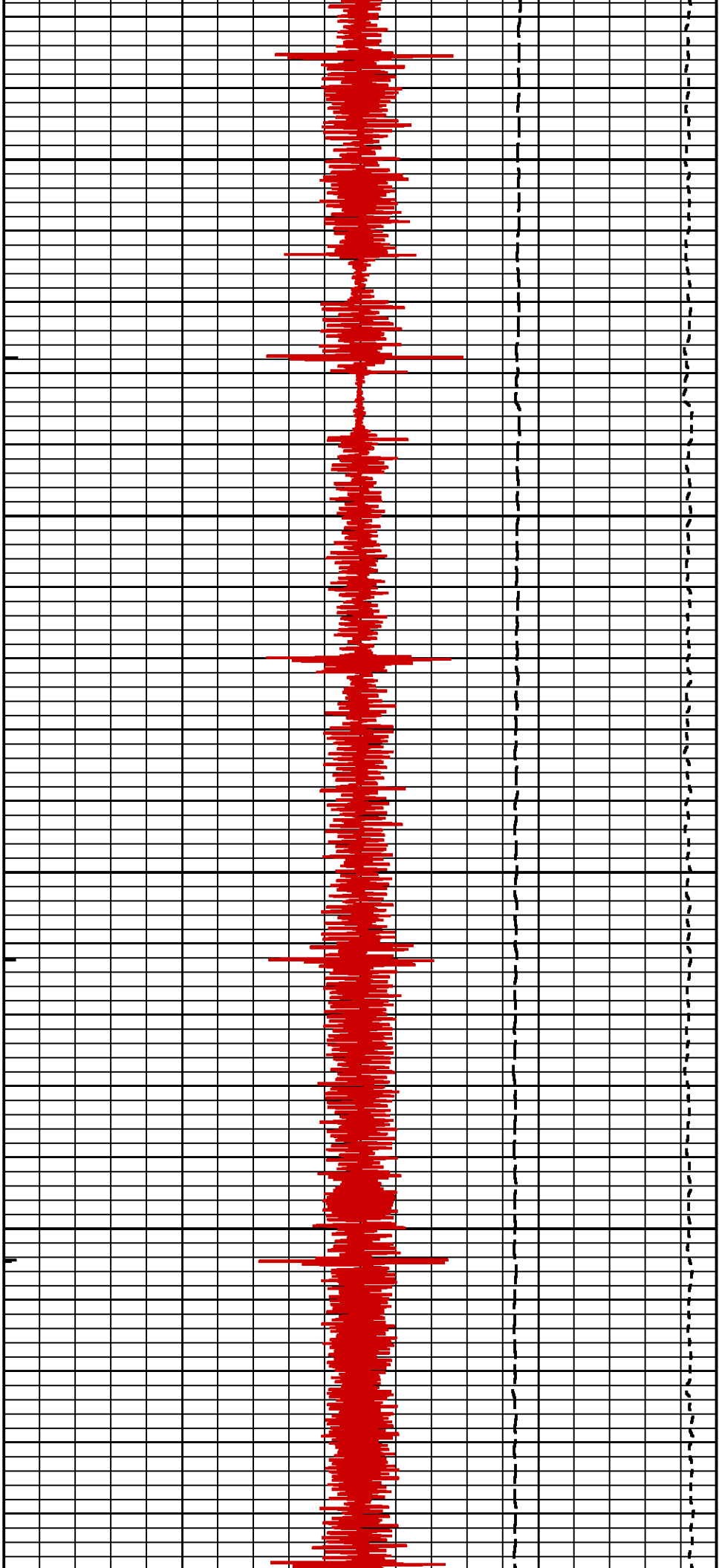




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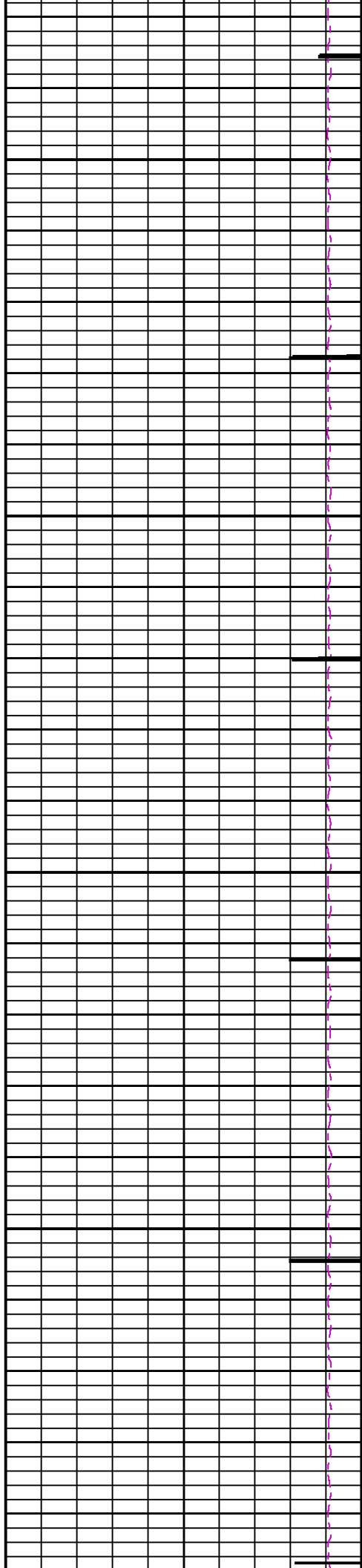
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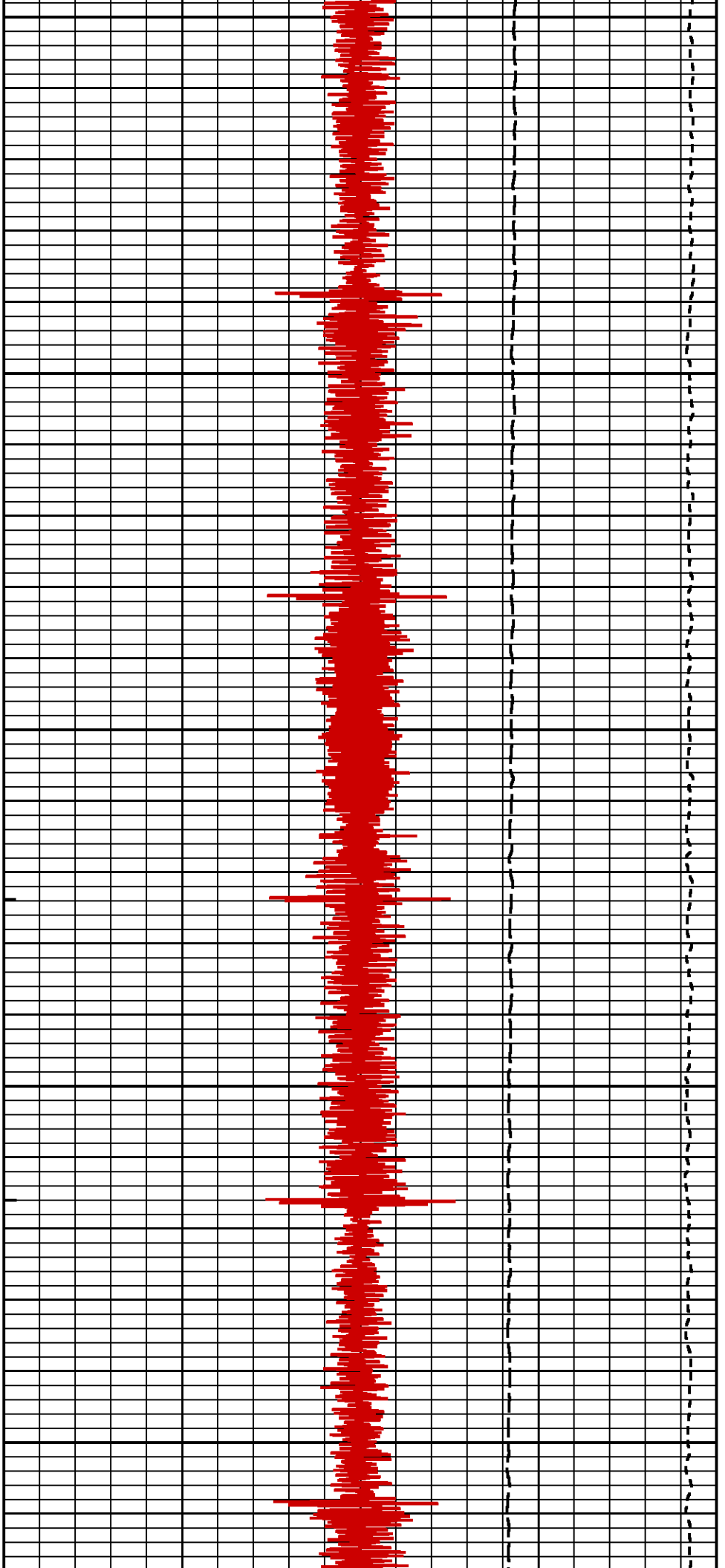




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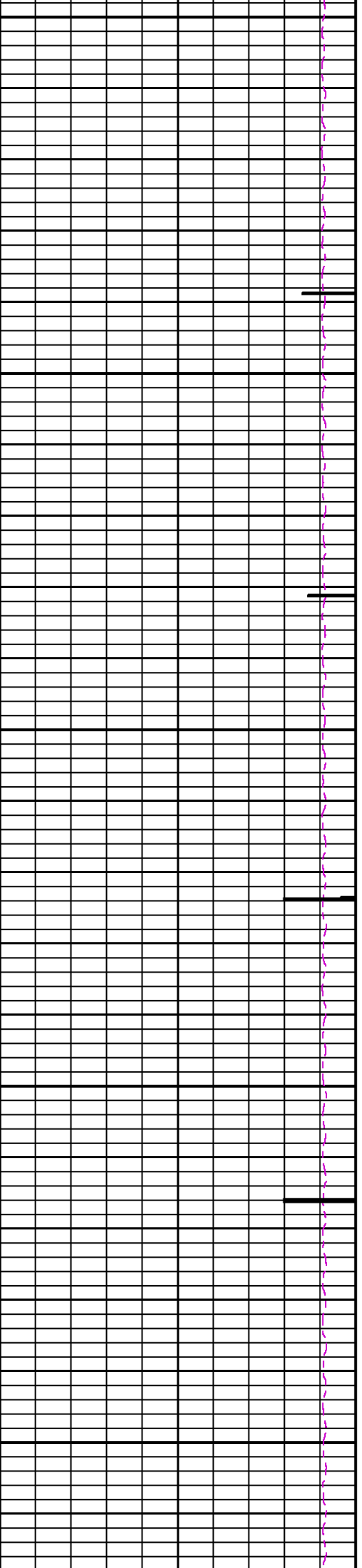


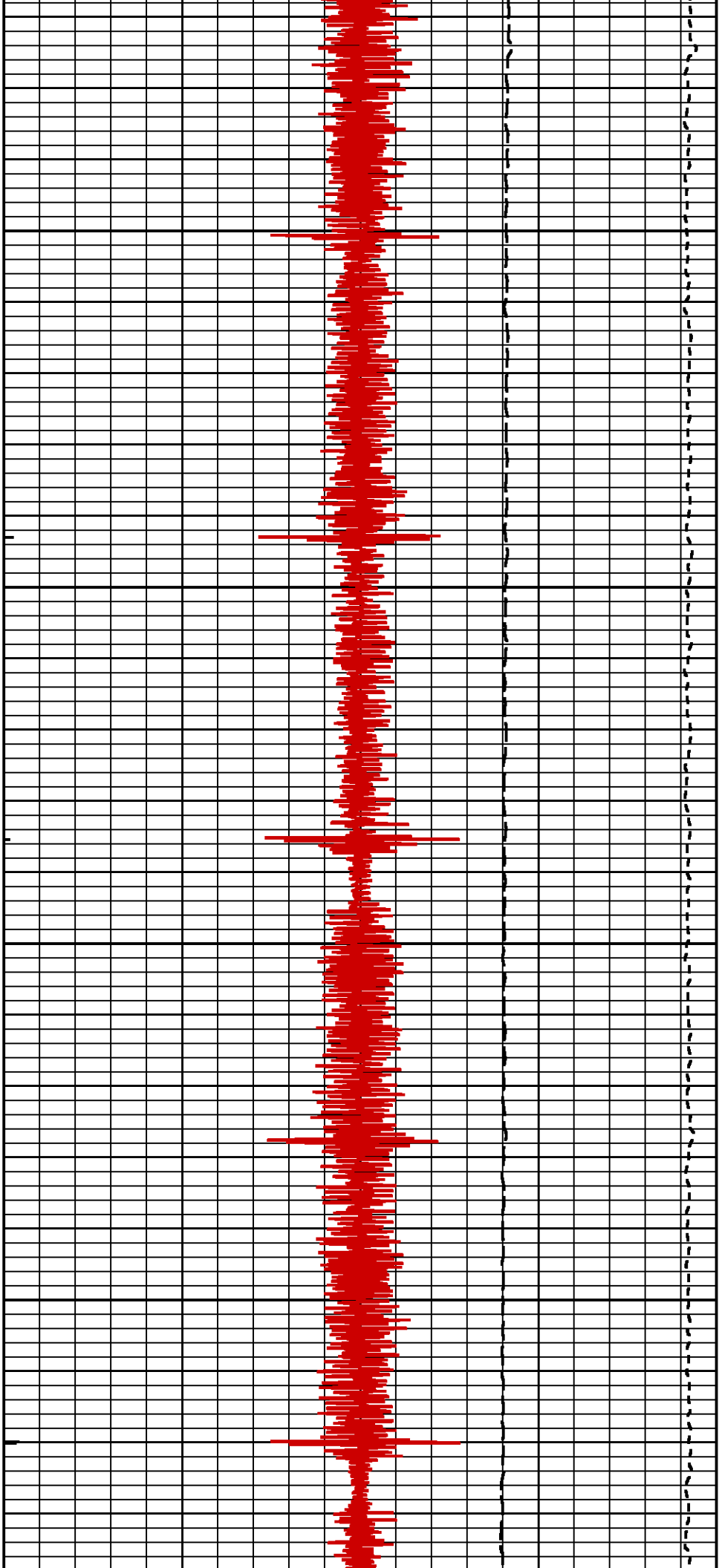


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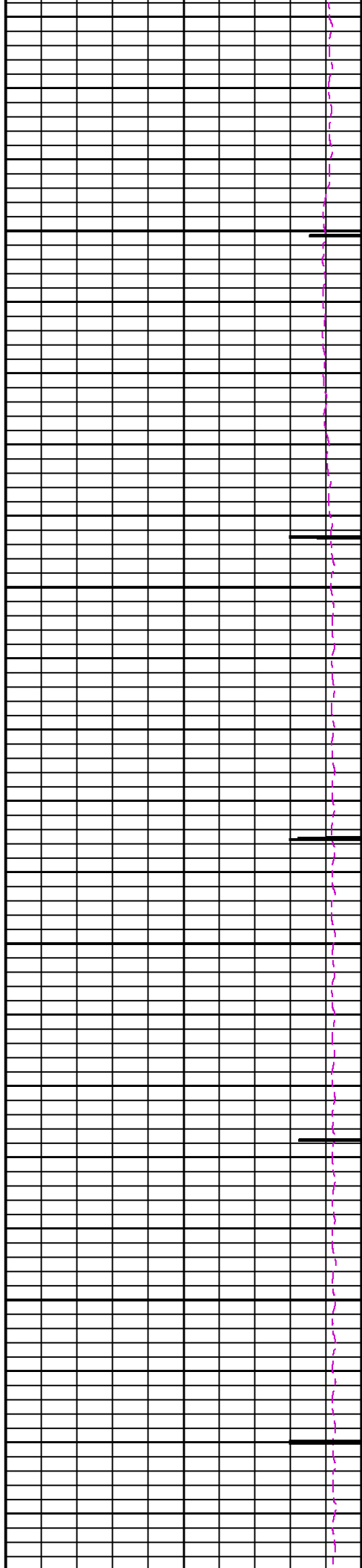
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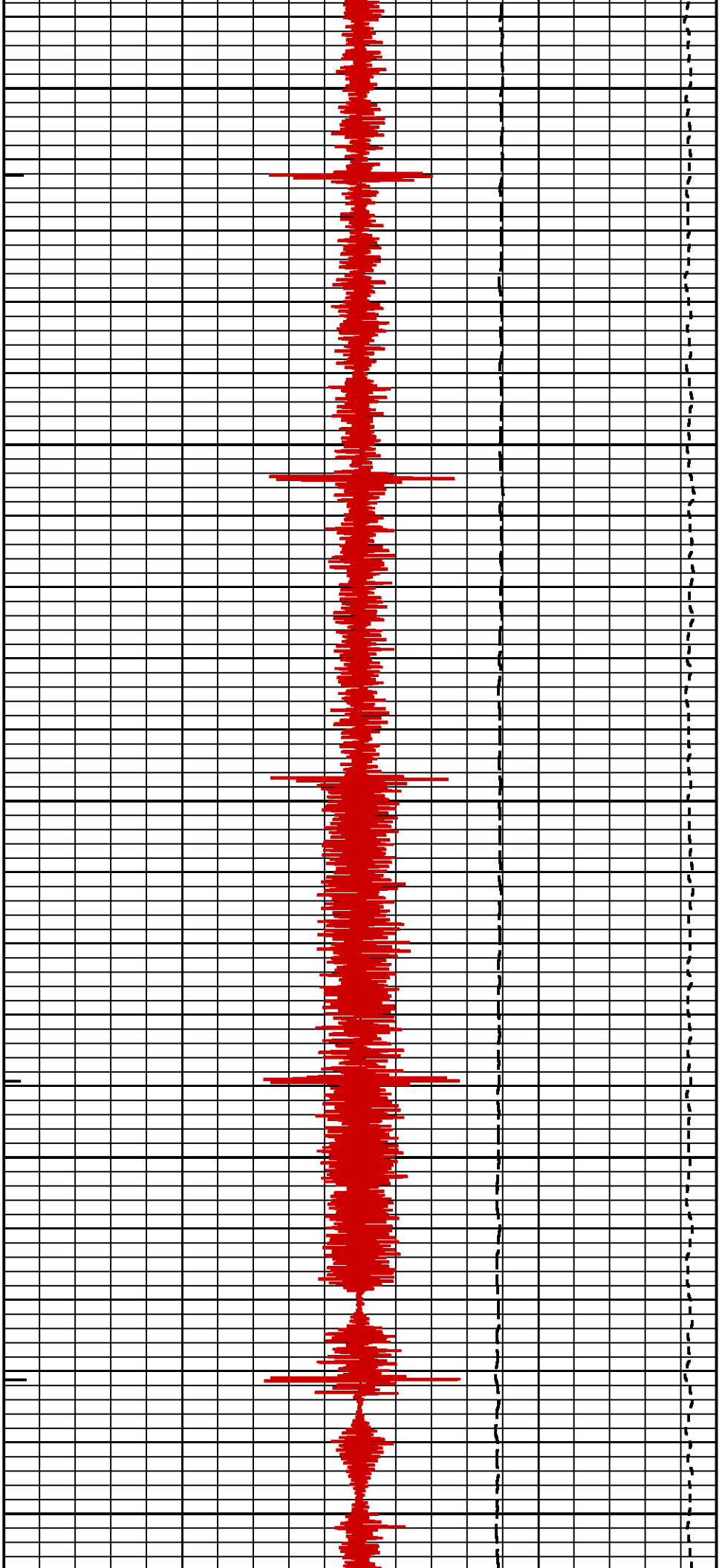




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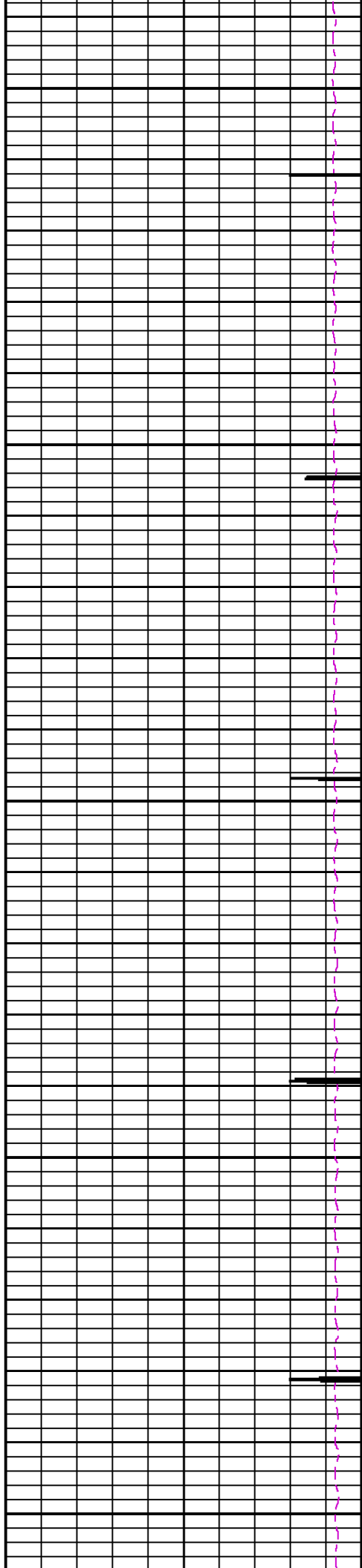
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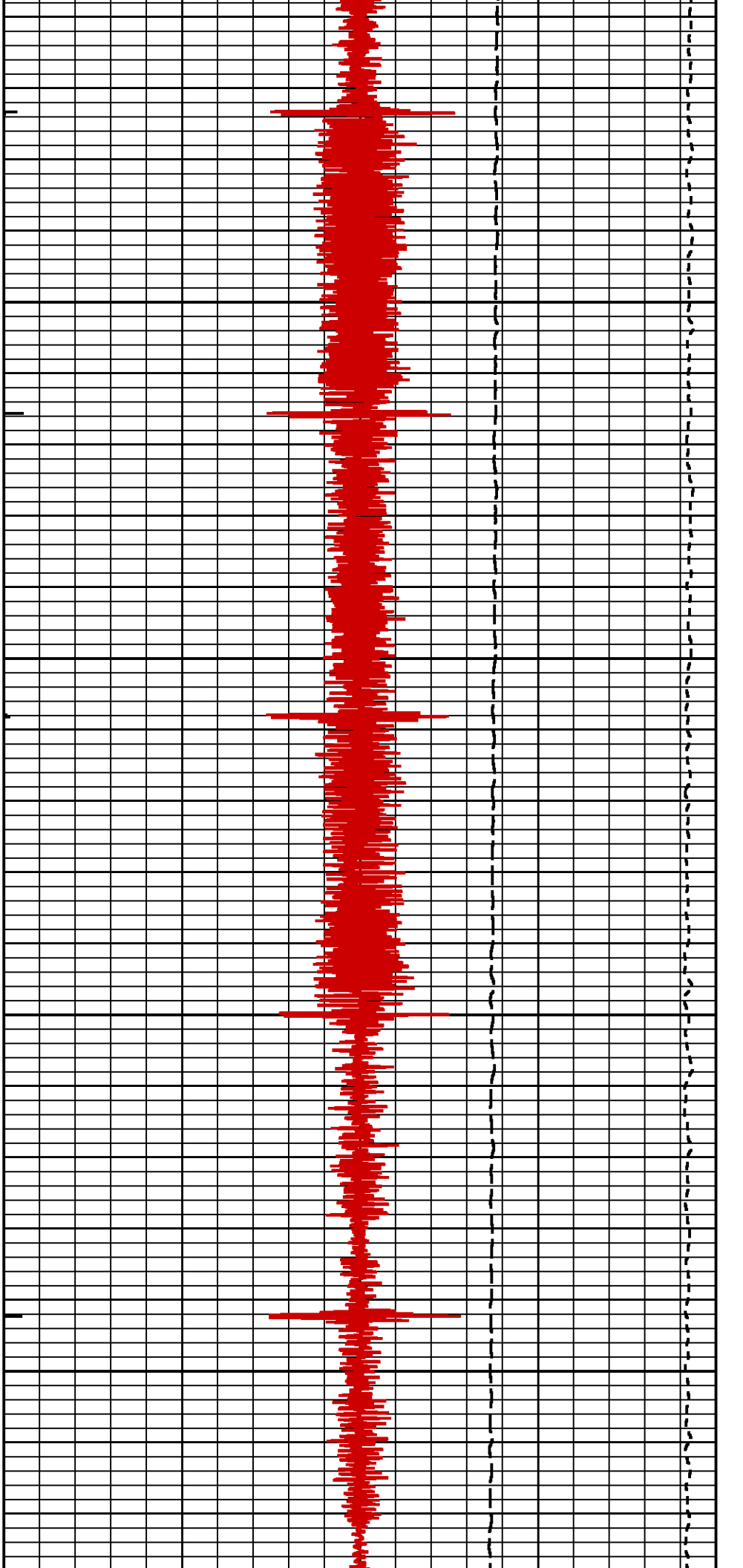




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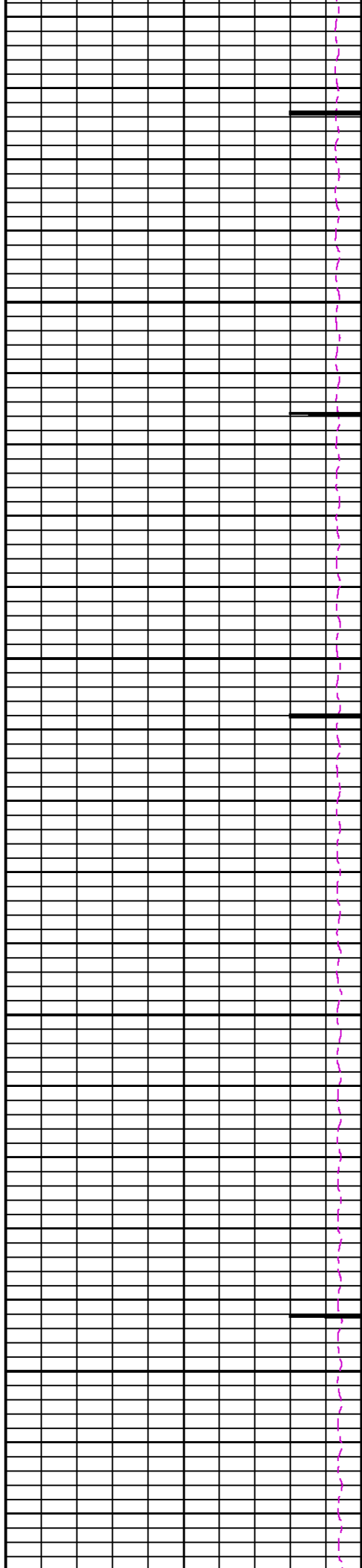
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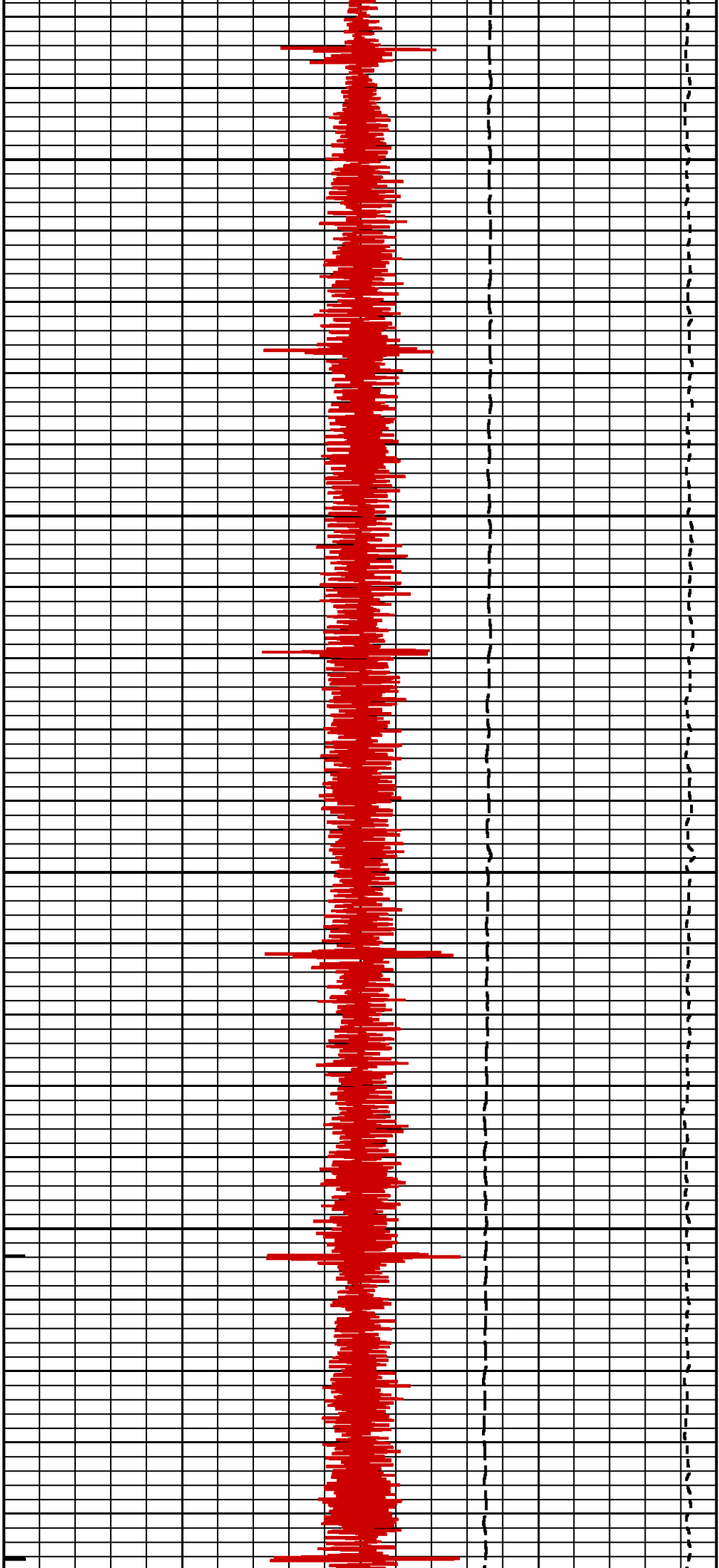




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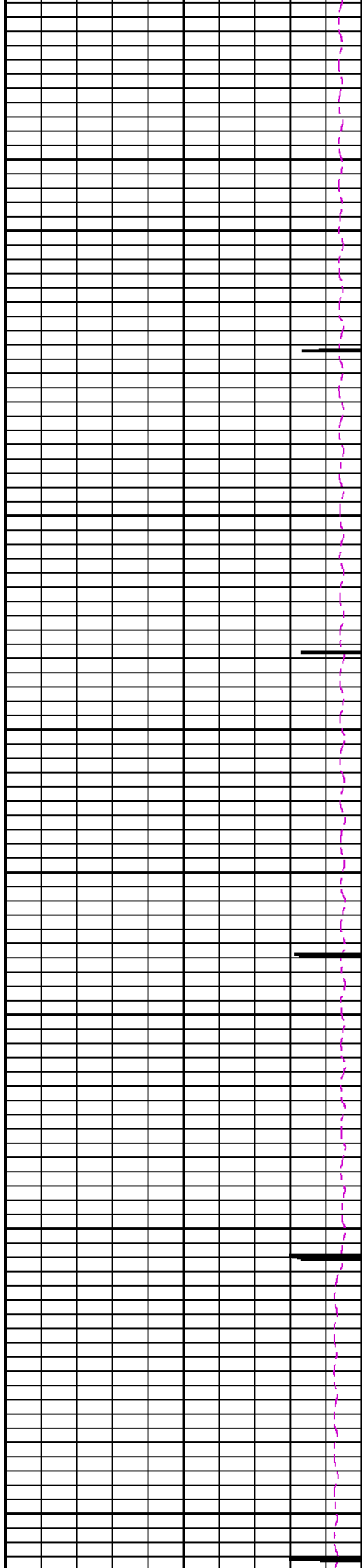
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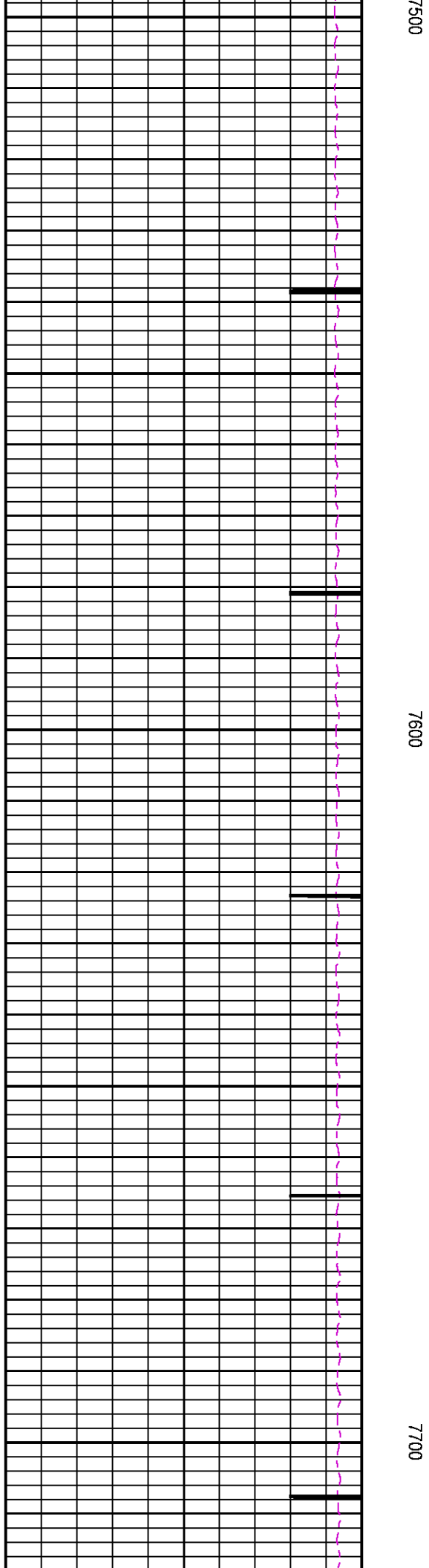
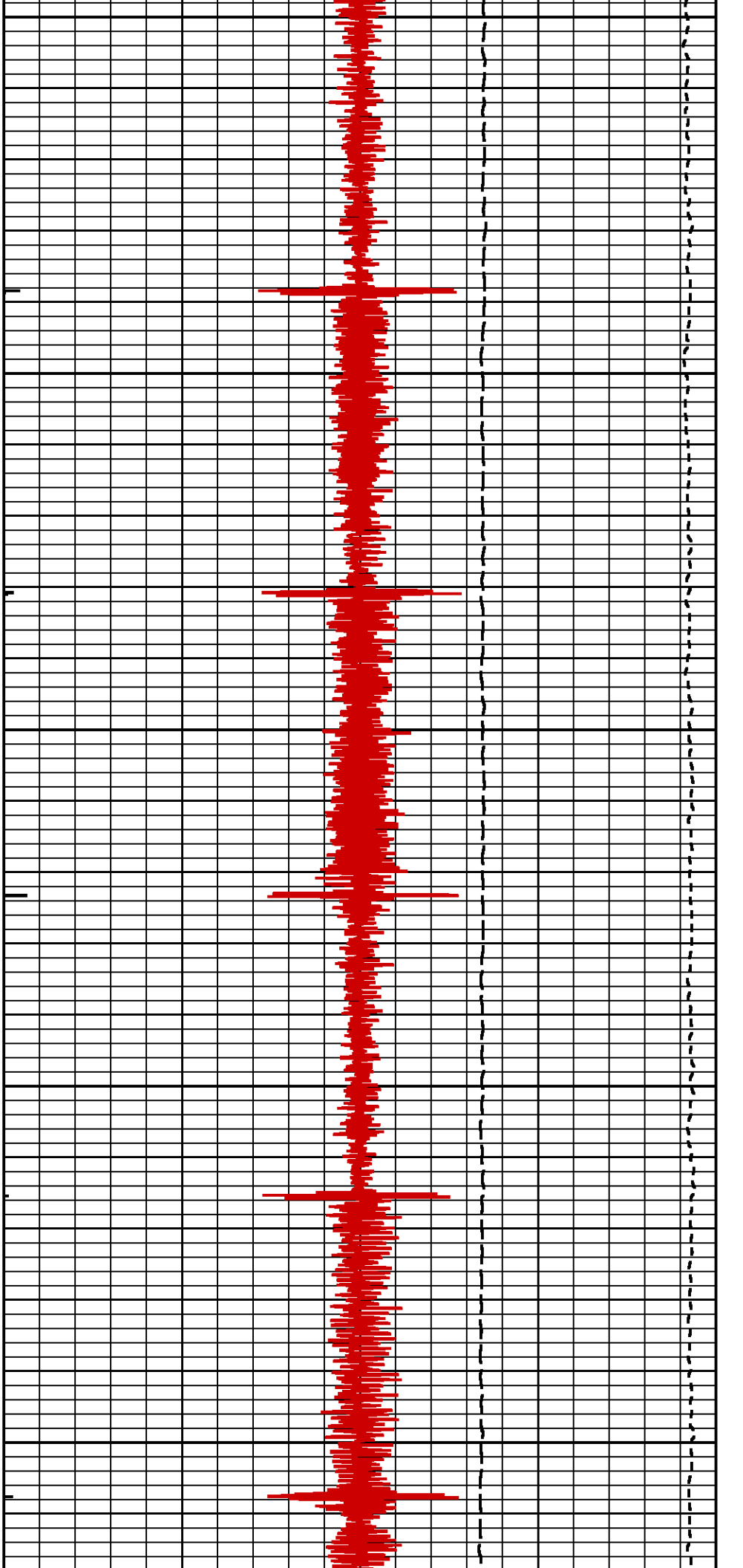


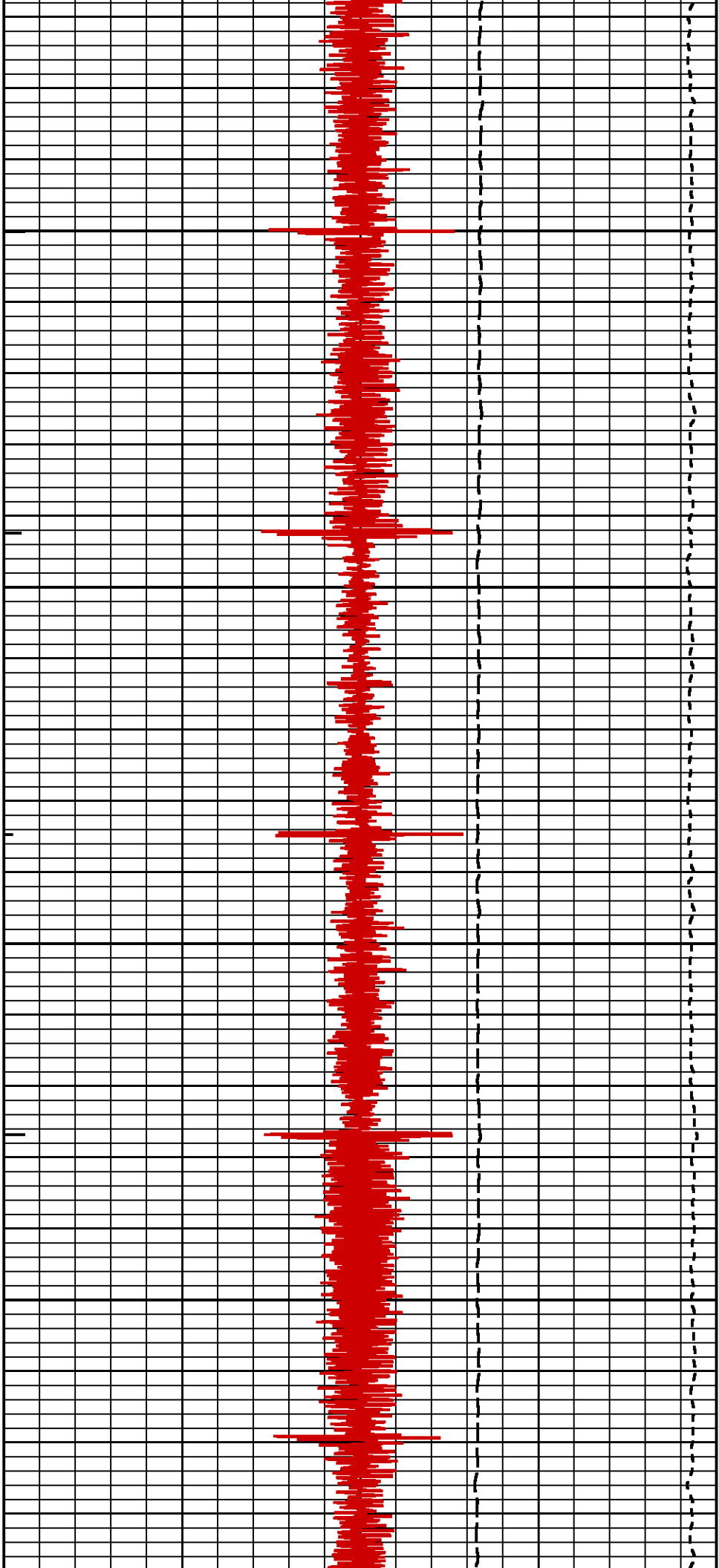


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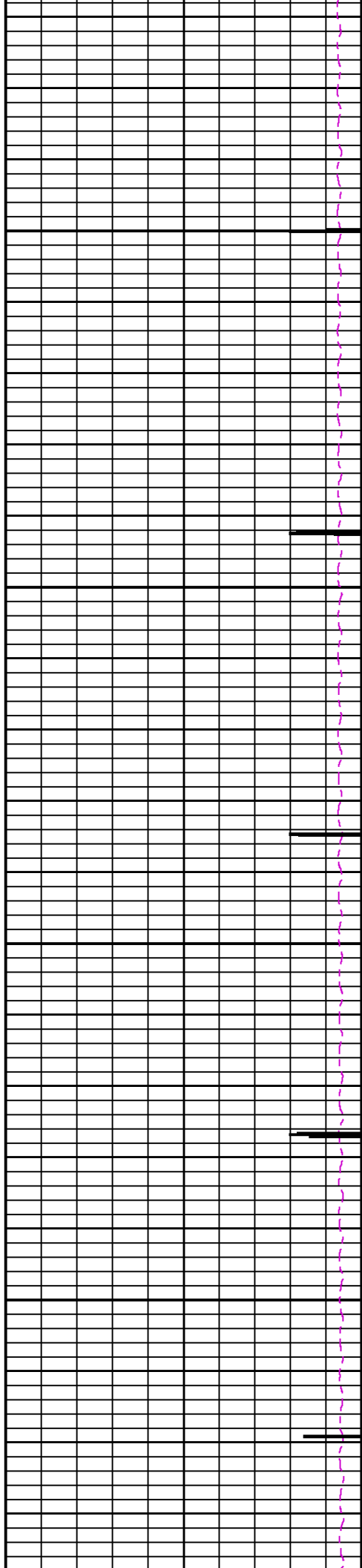


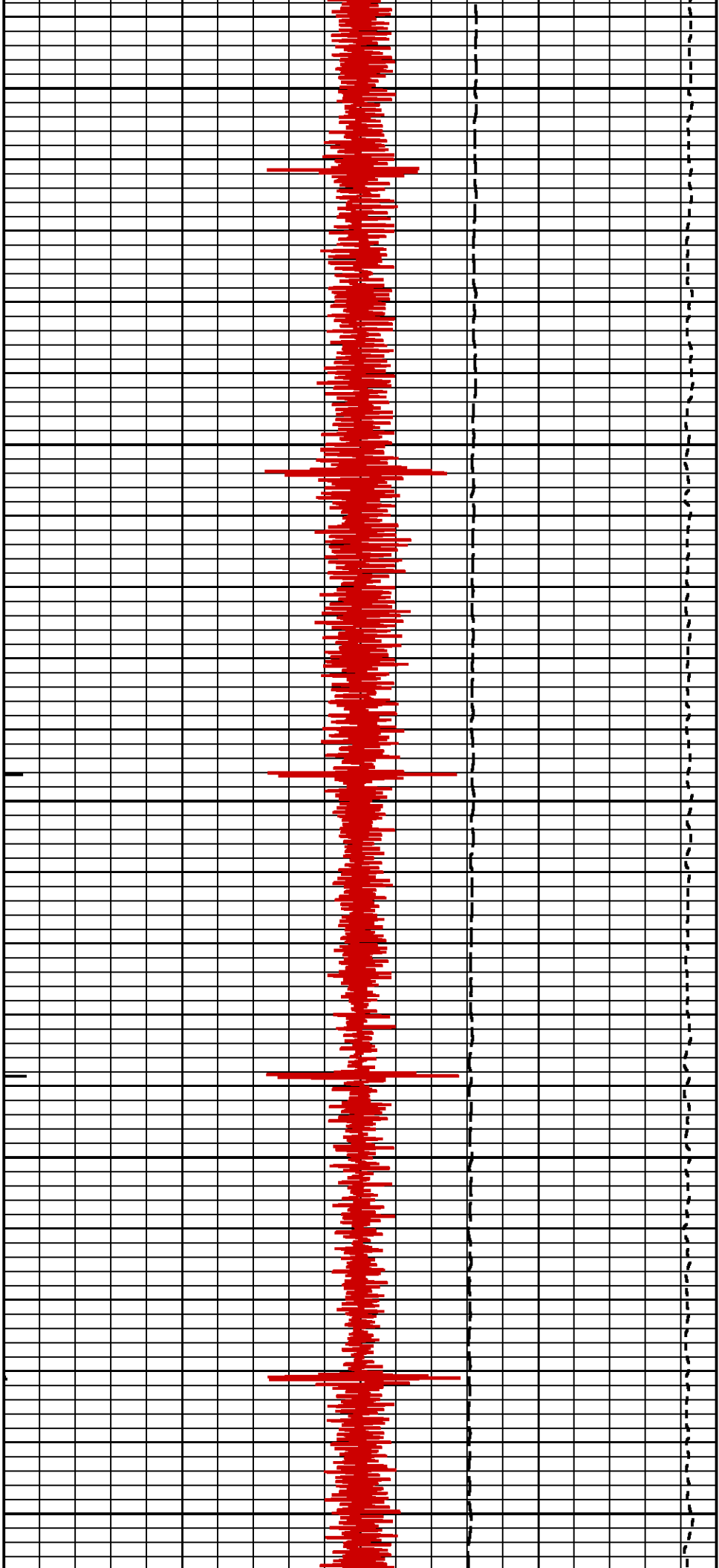




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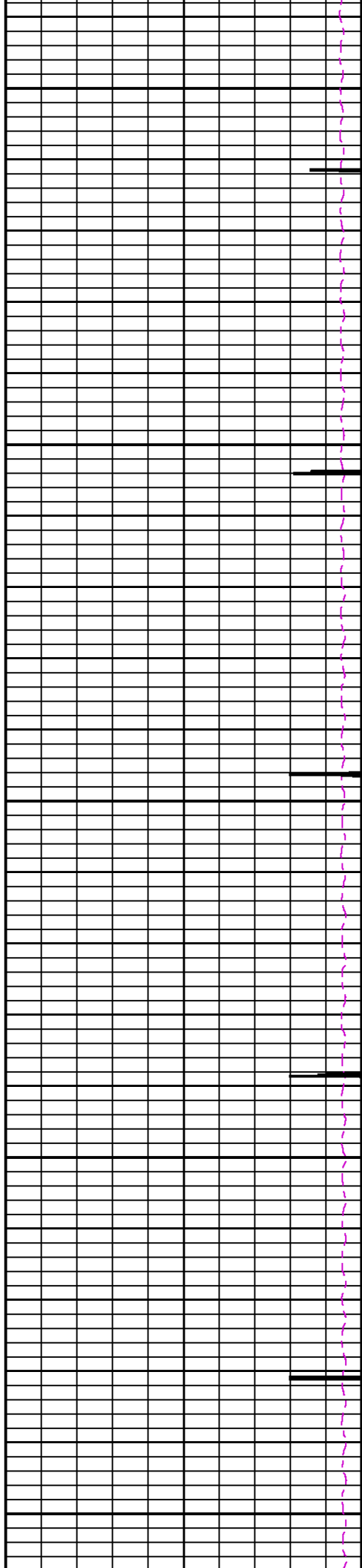
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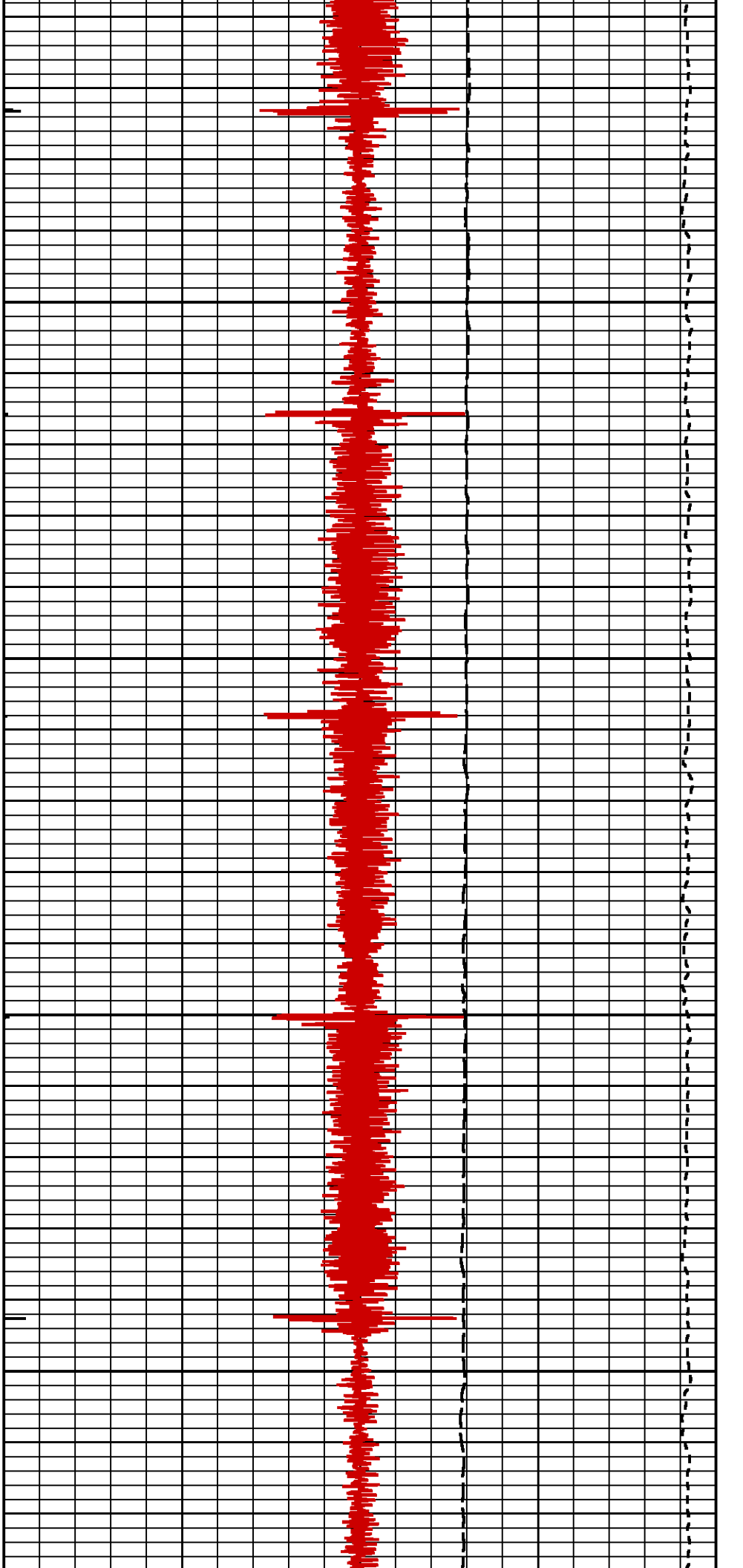




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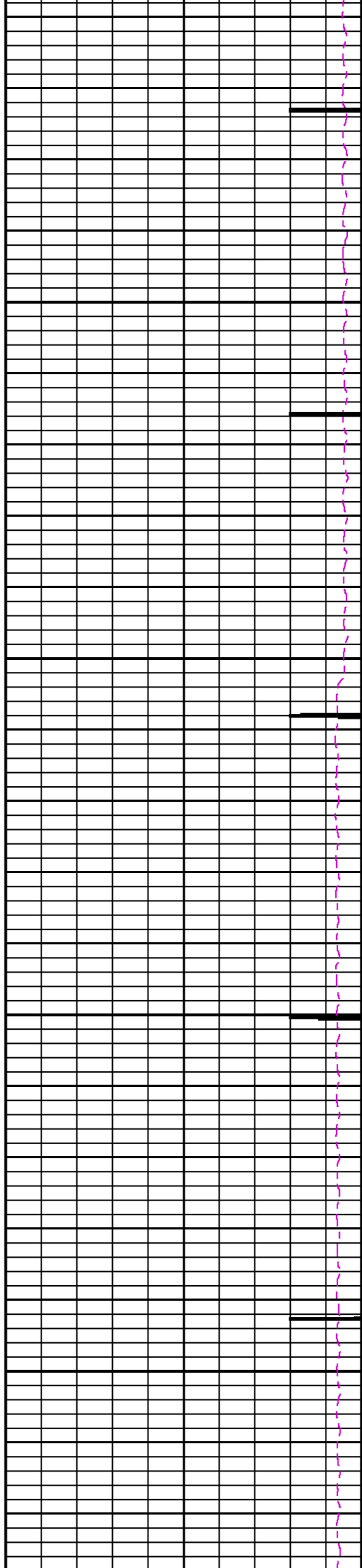
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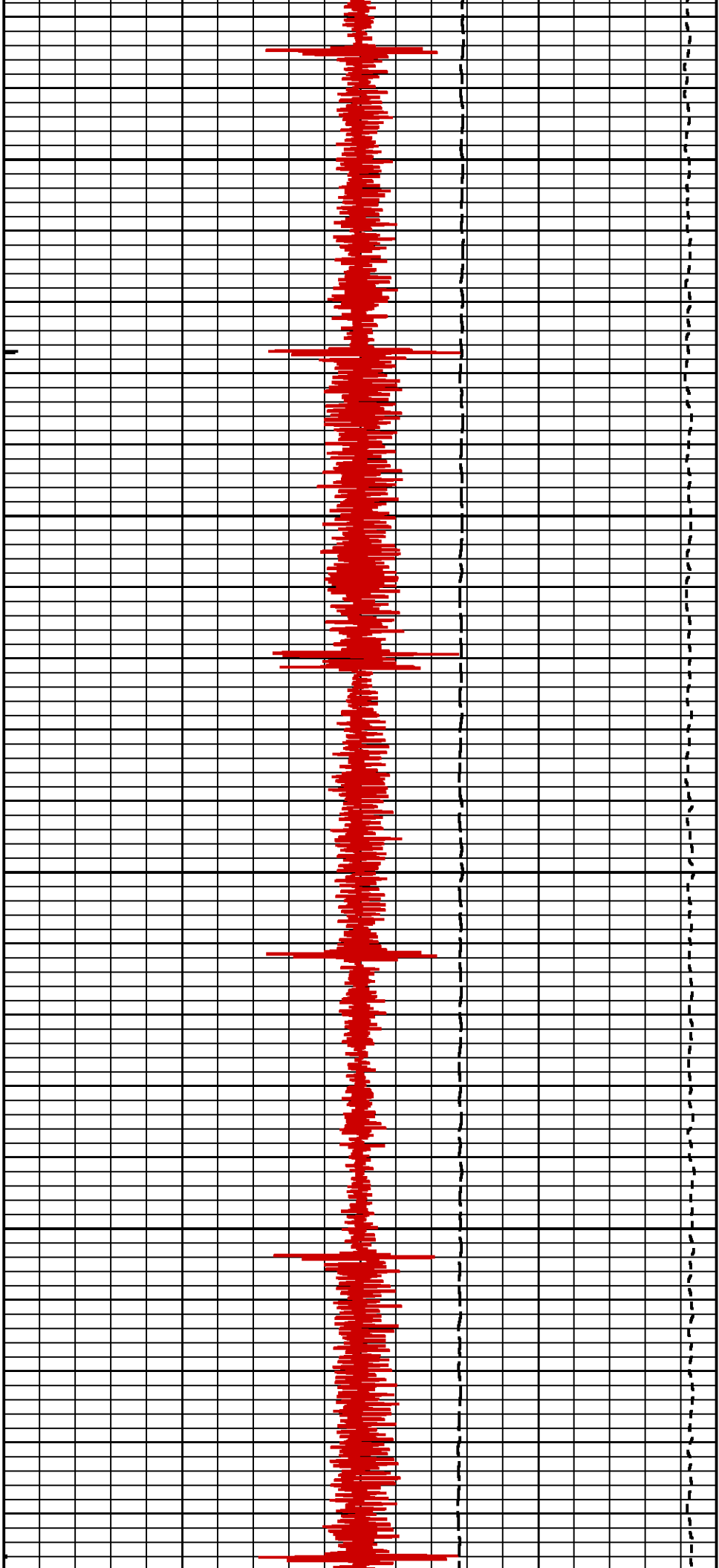




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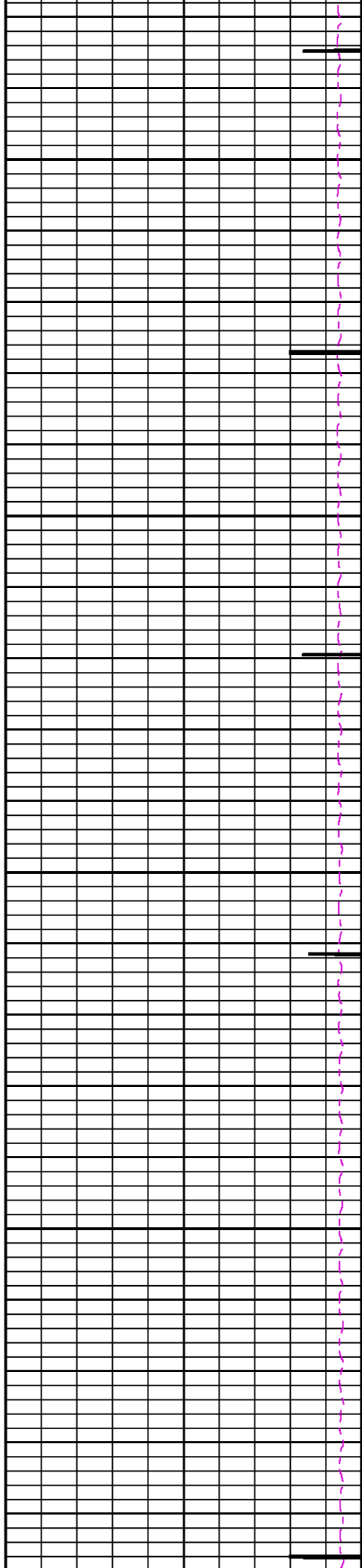
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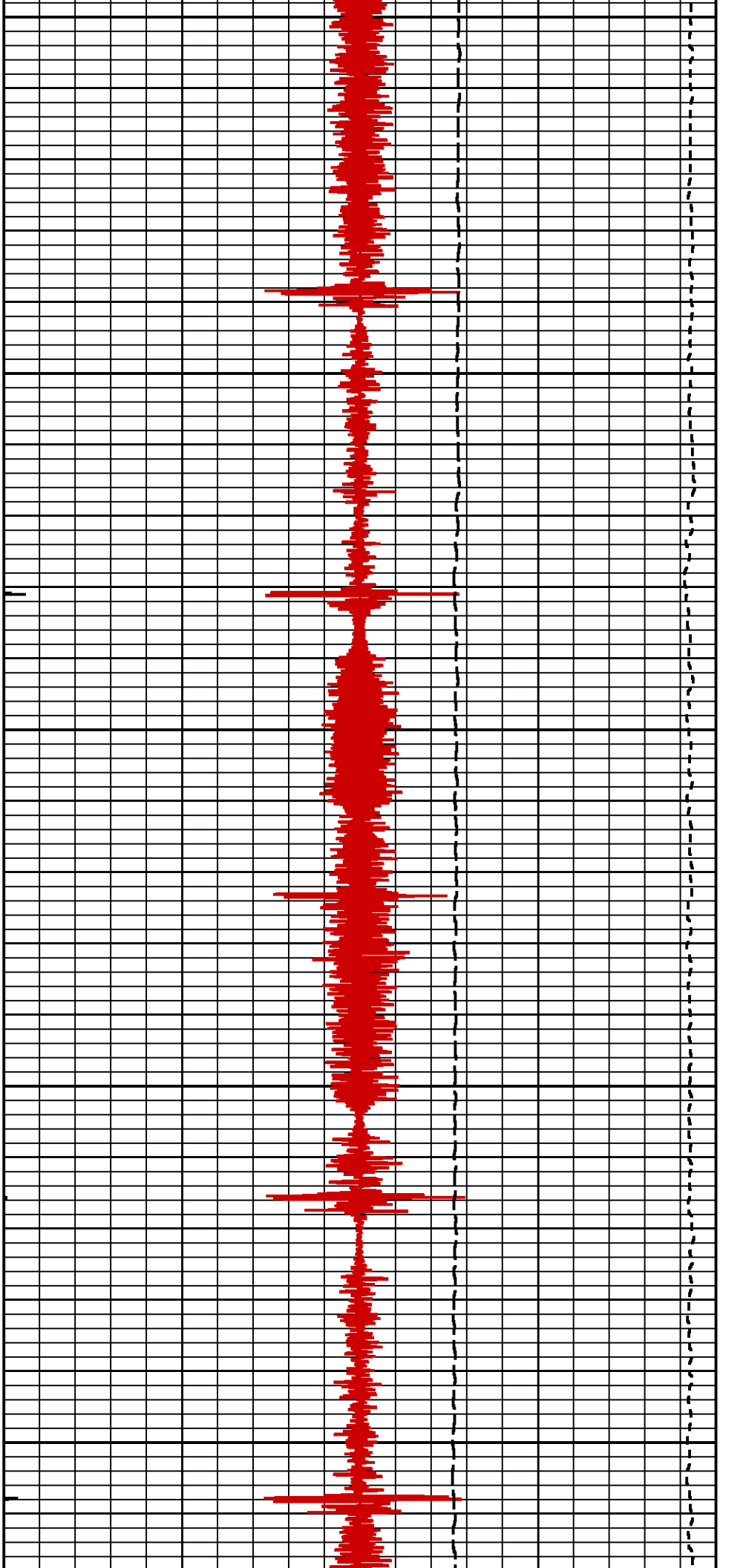




8400

8500

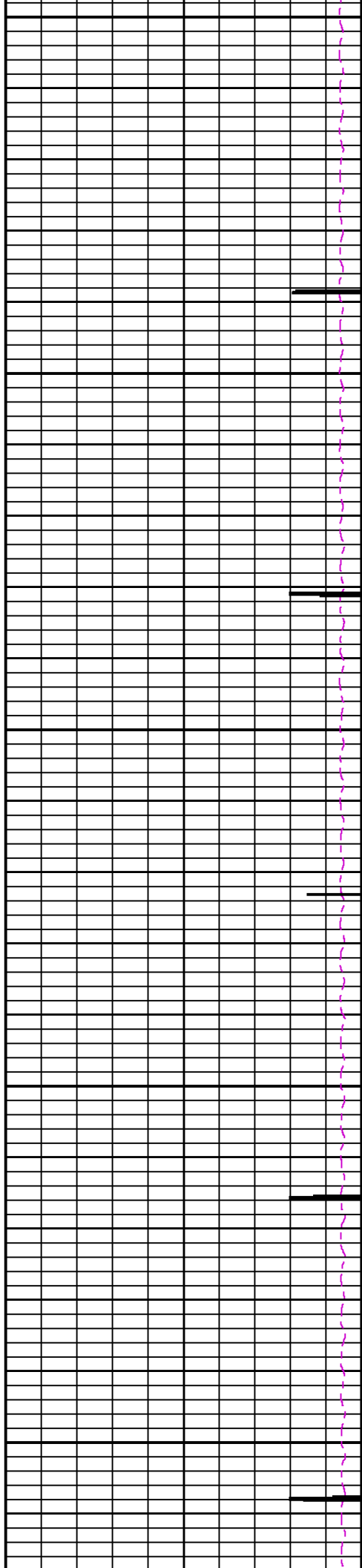


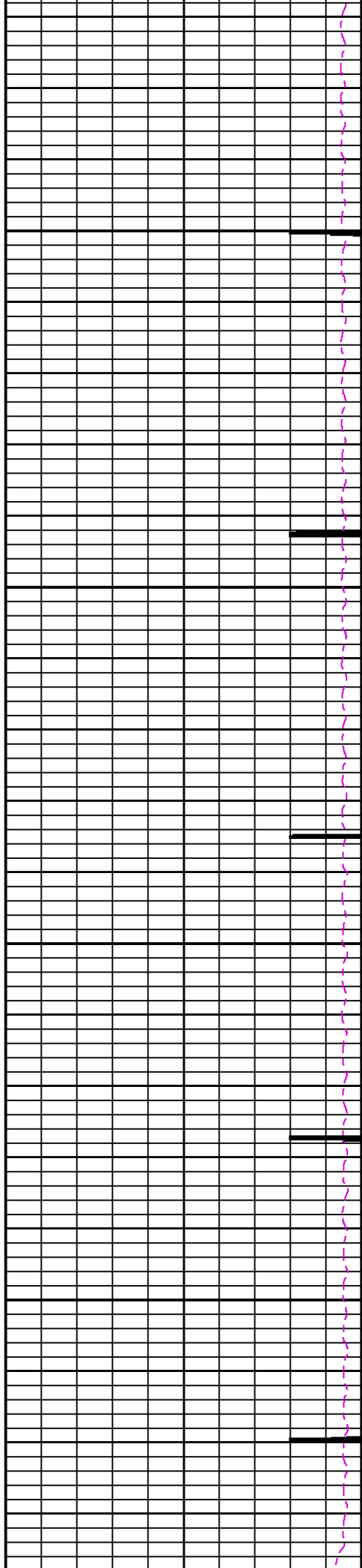


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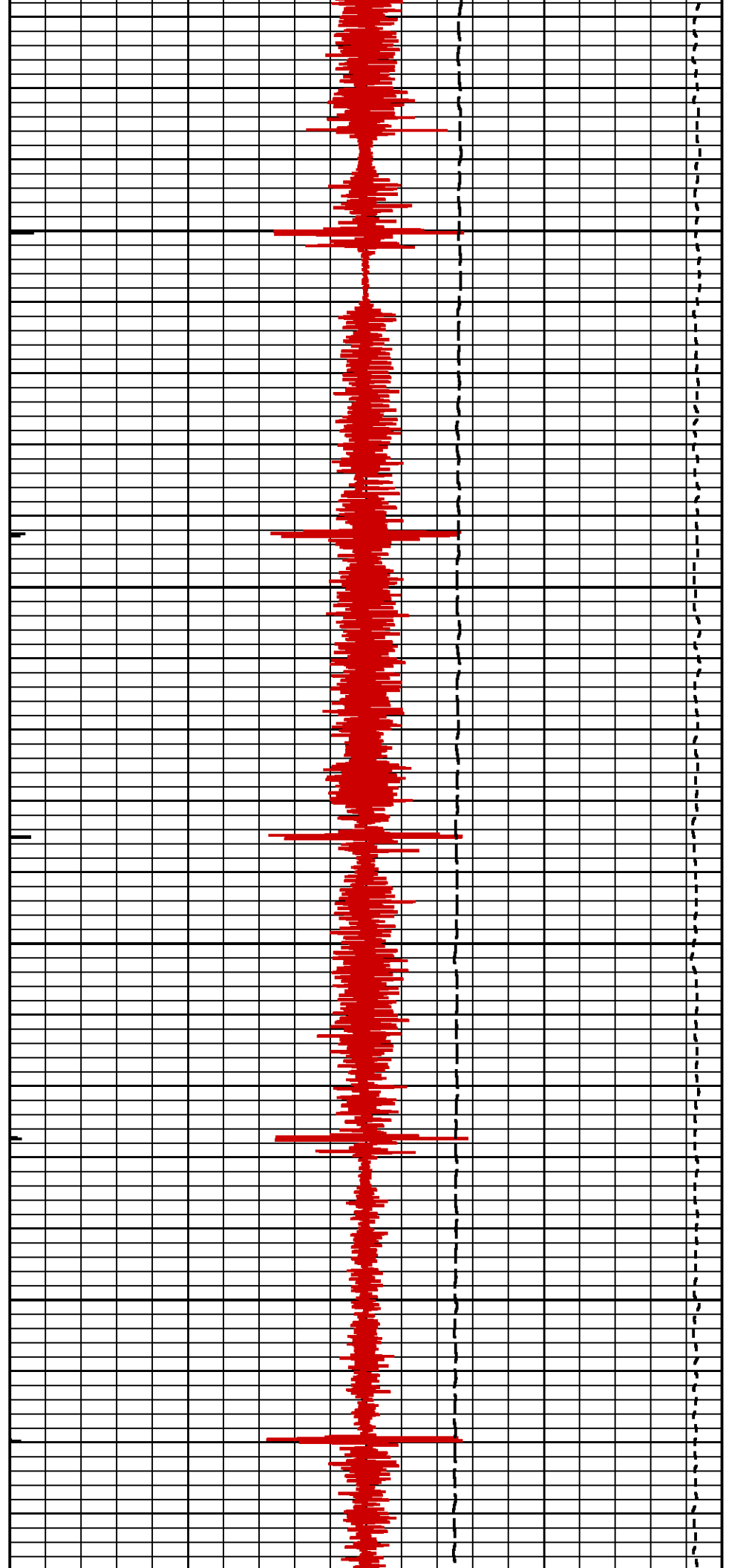
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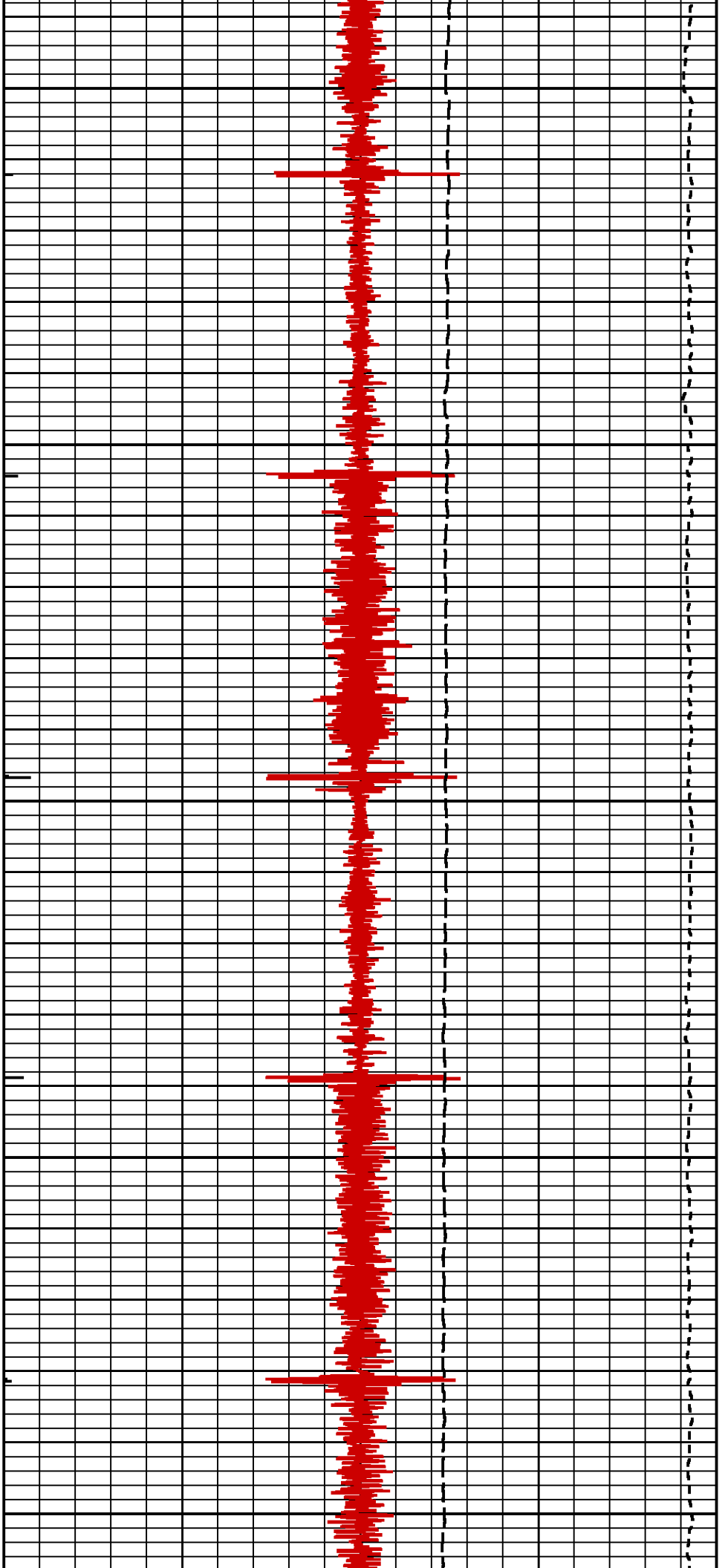




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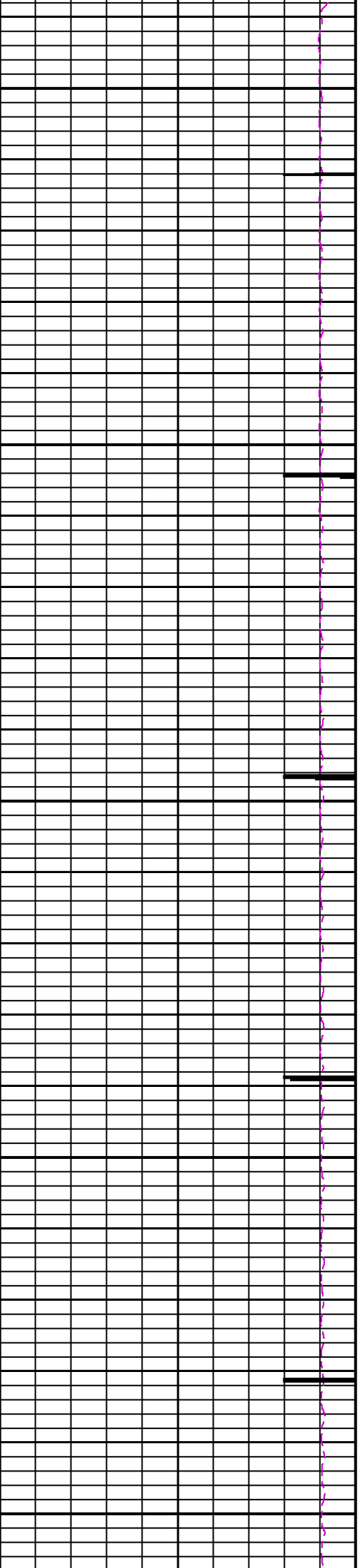
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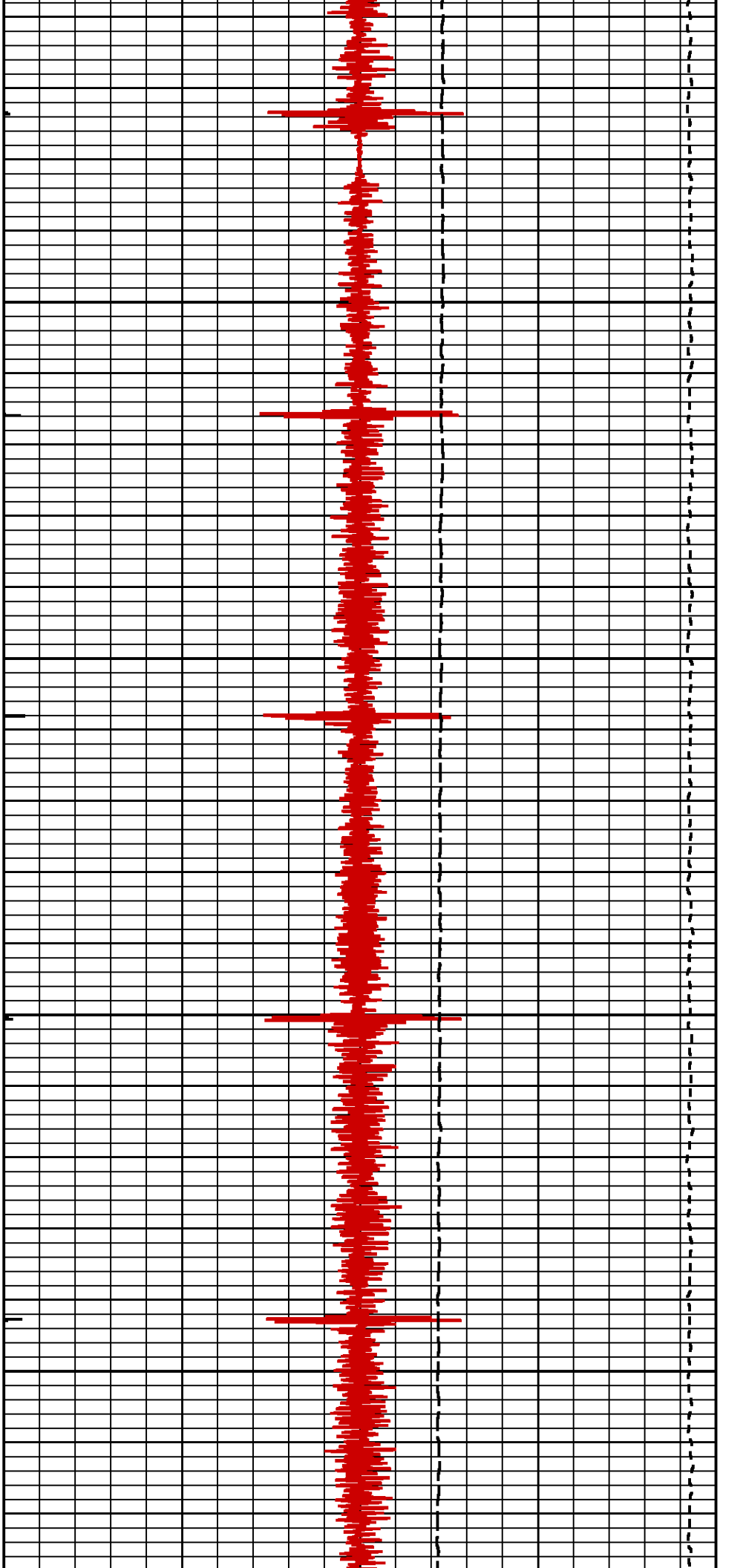




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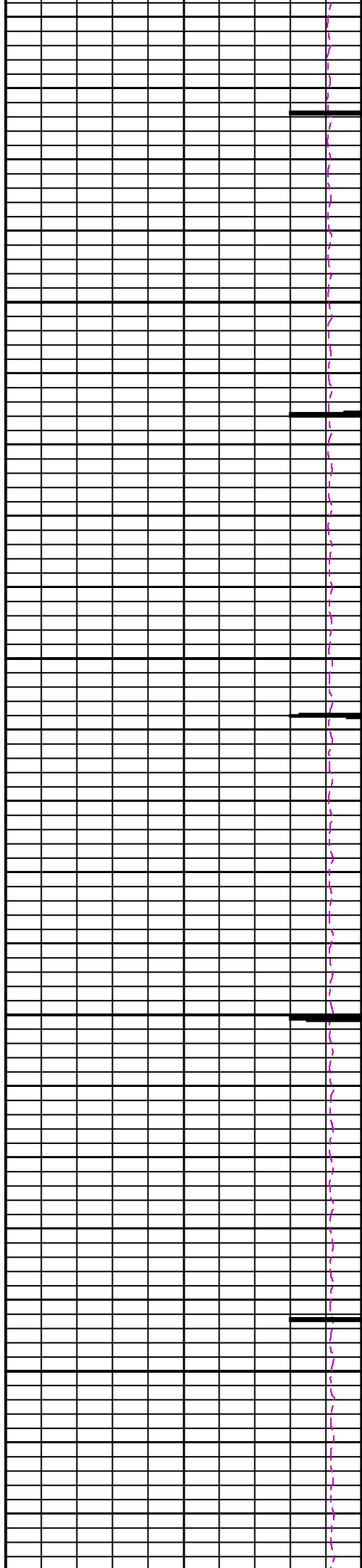
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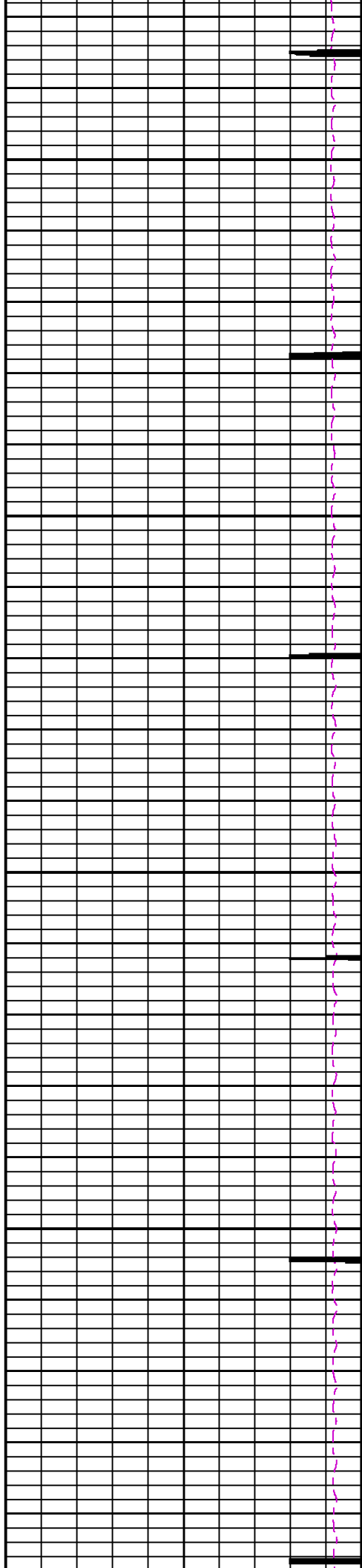




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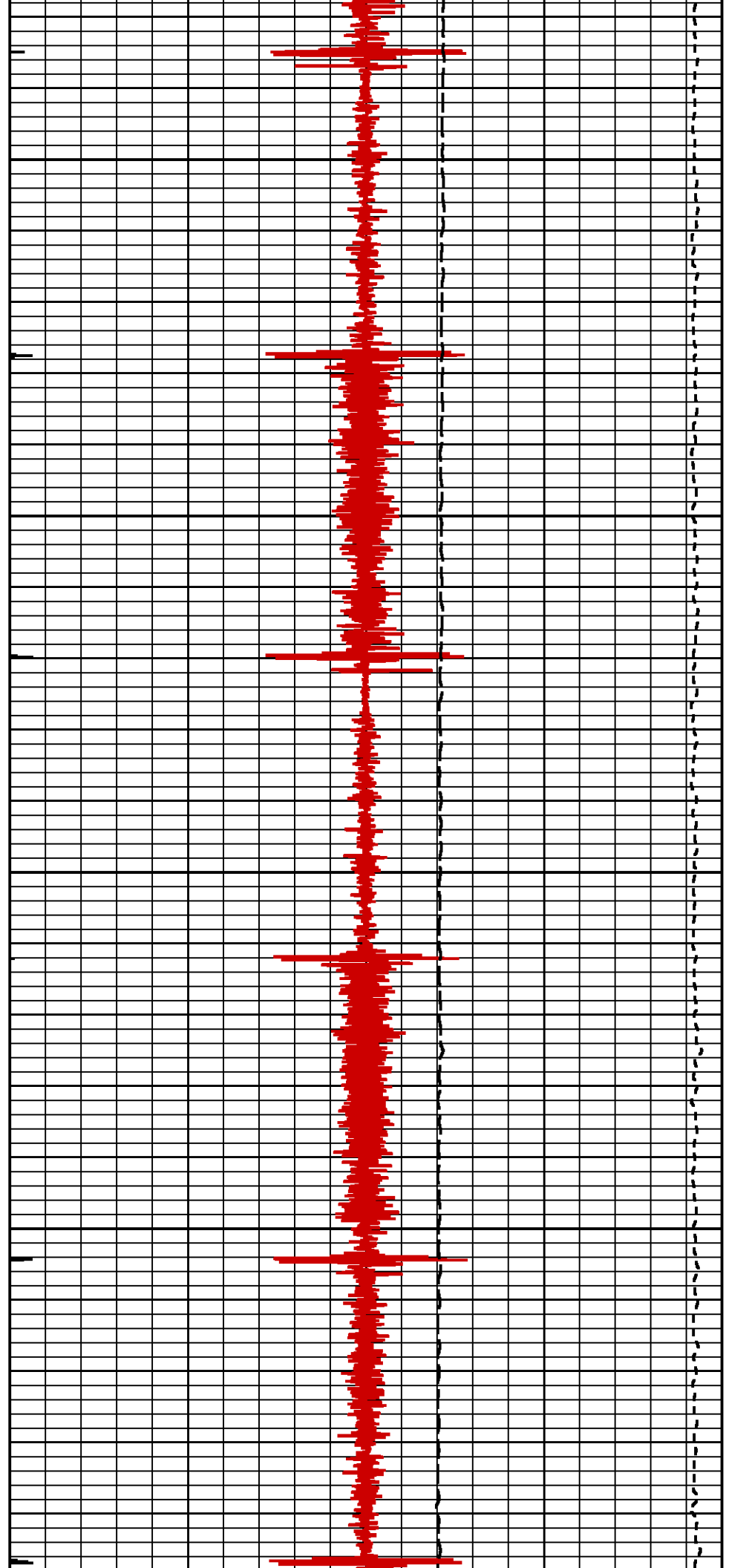
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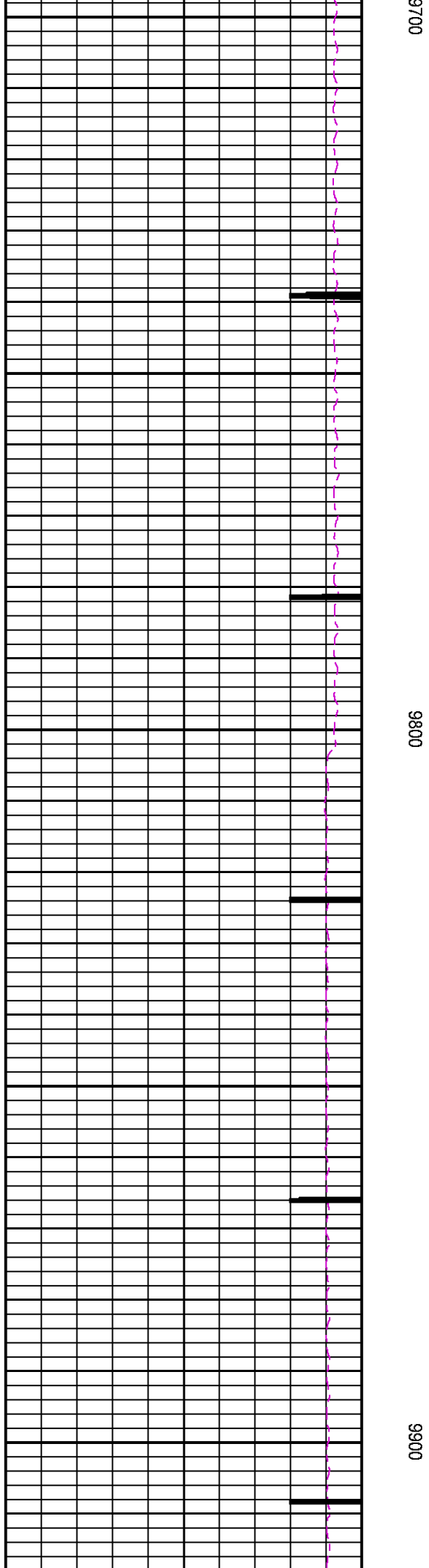
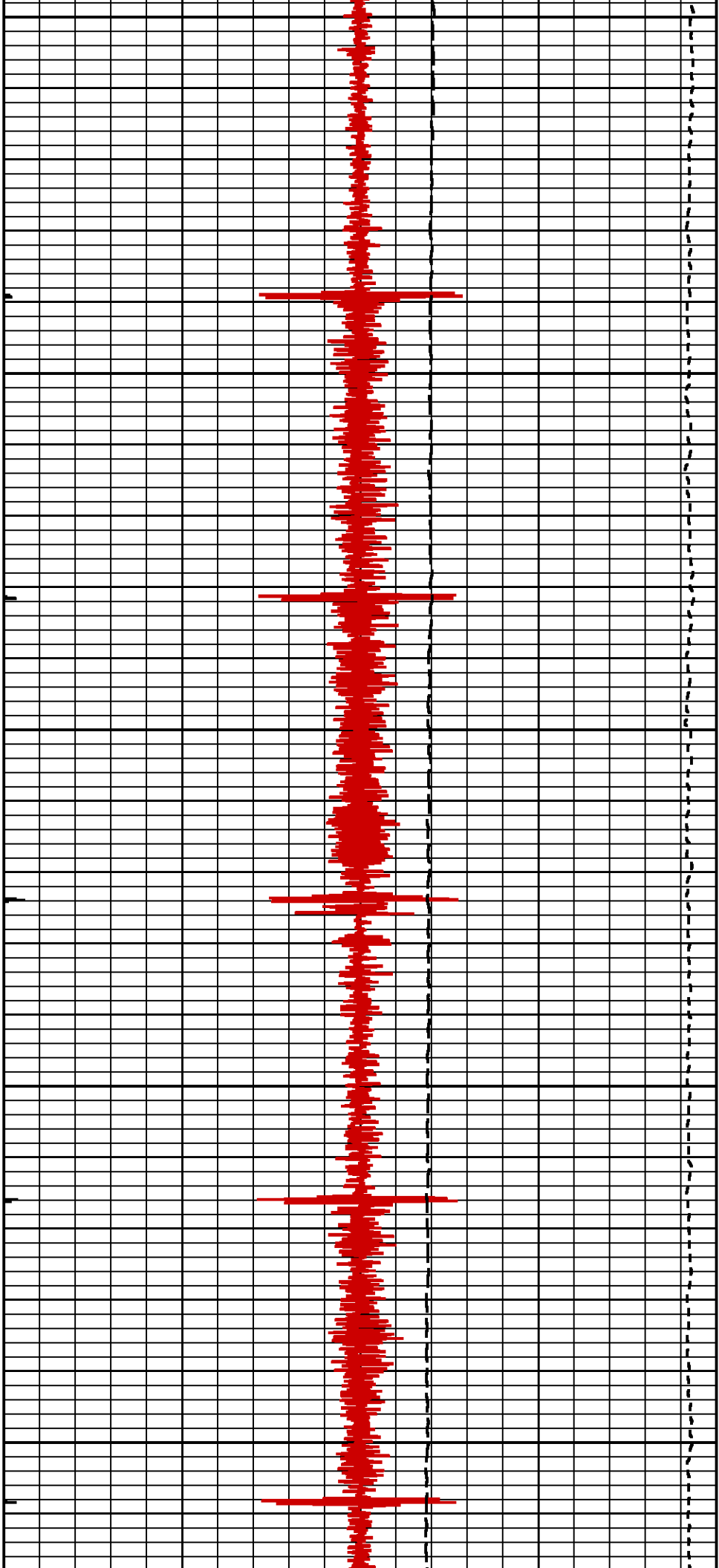


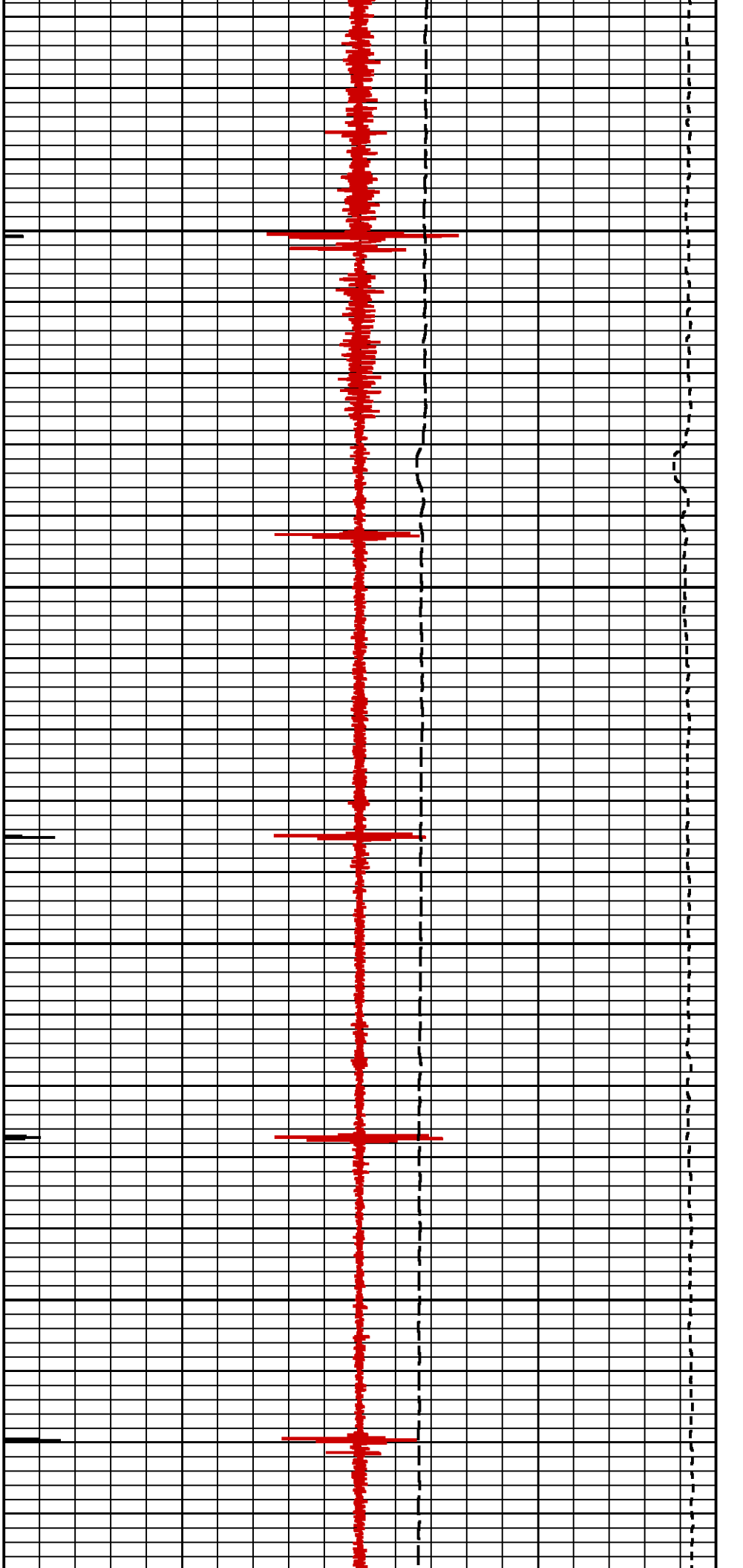


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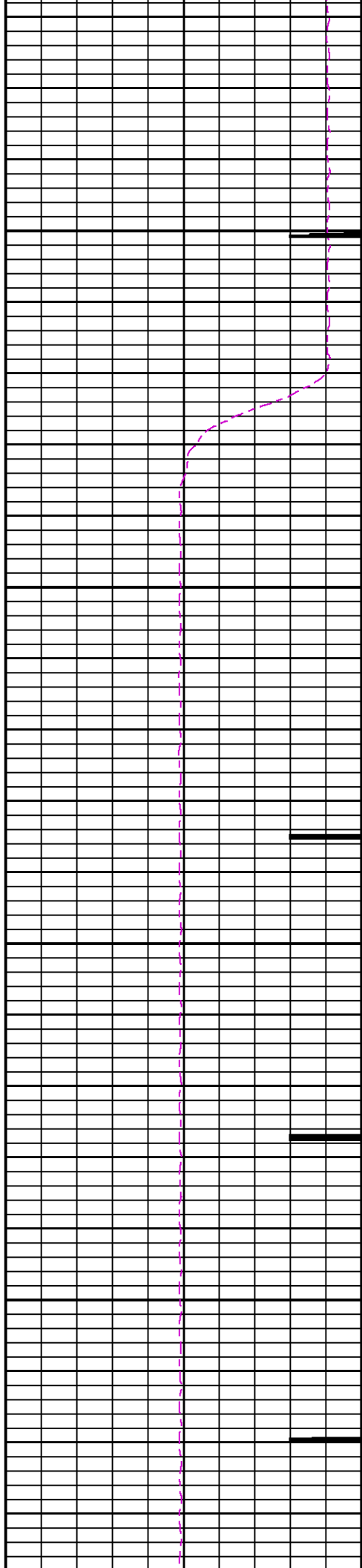


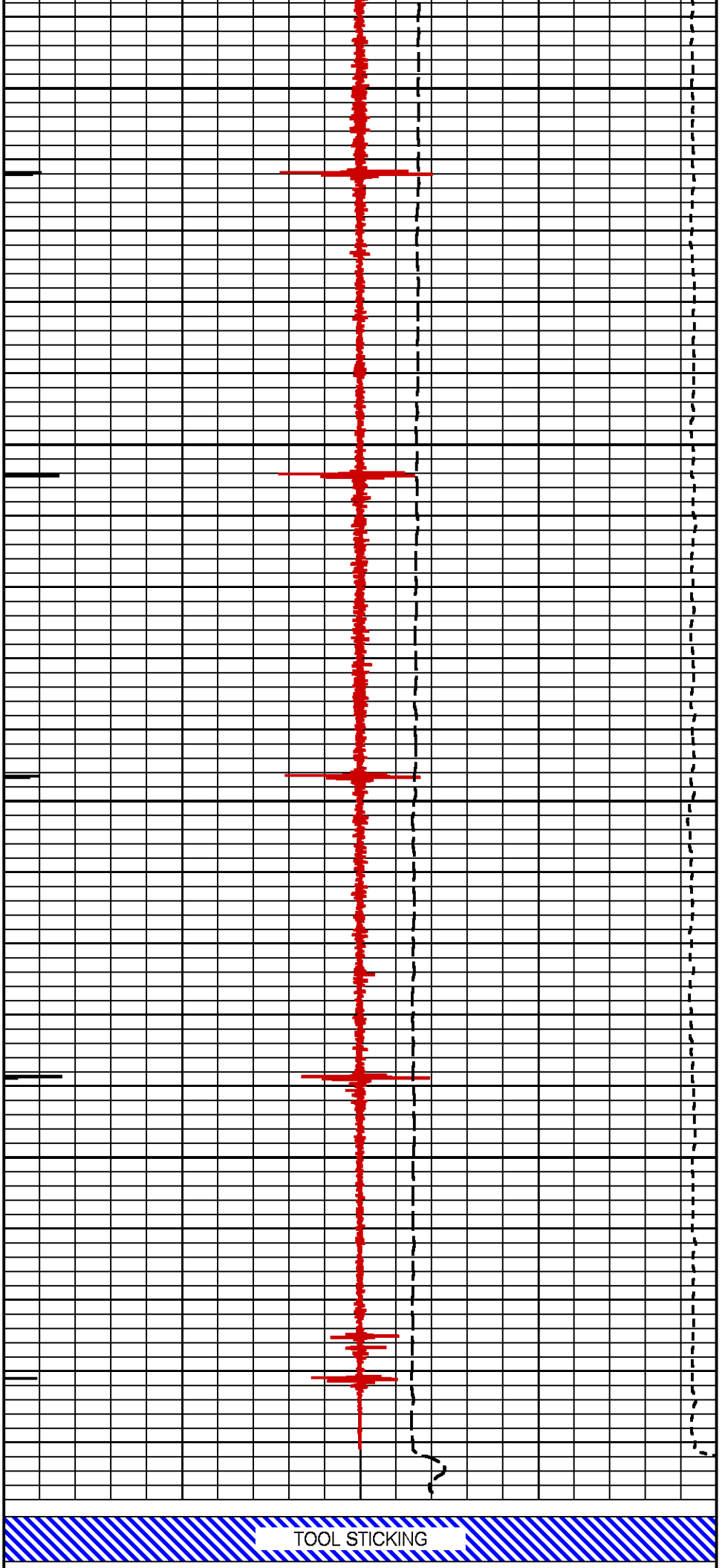




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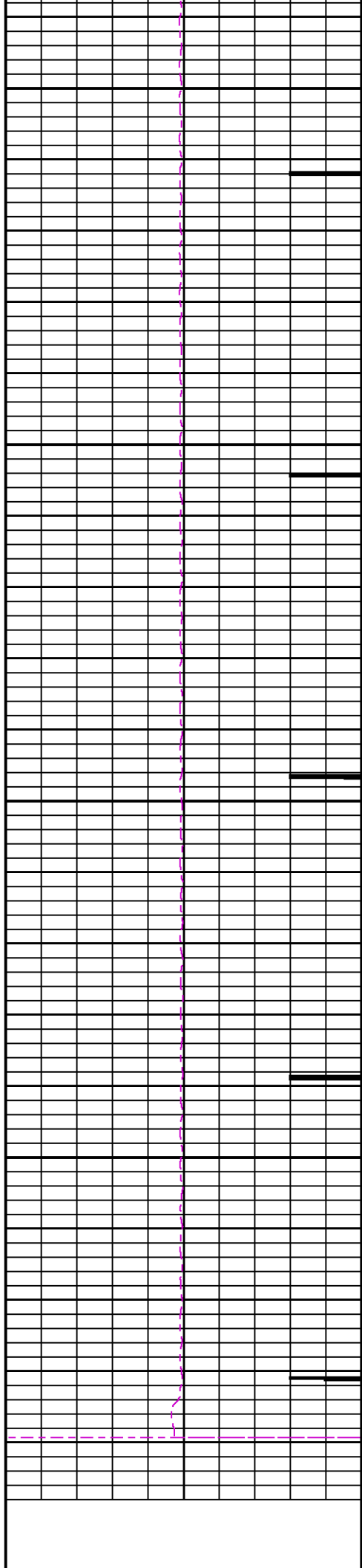
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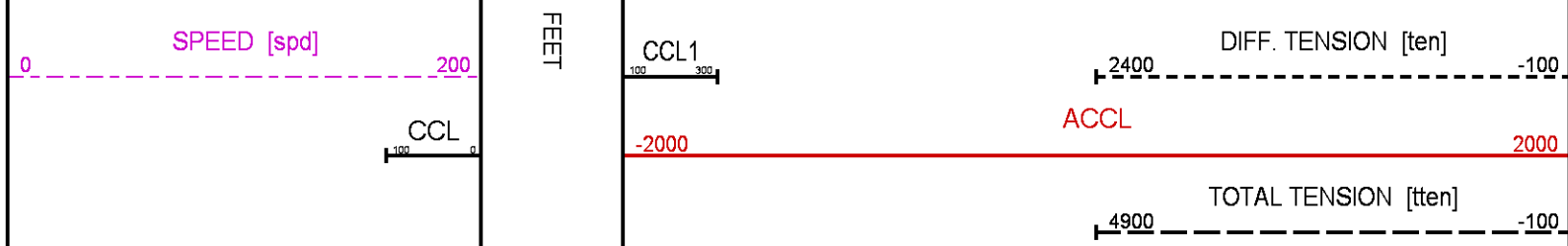




10200

10300





INSTRUMENT CONFIGURATION

Source File: /dat1a/md11827/p113g~OR-tdg

CABLEHEAD, A2 STANDARD 2 3/4
Diameter : 2.75"

TITAN INDUSTRIES HI TEMP PFC/CCL 2 3/4"

Diameter : 2.75"
Length : 8.63'
Weight : 102 lbs
Series : 0766XA
Mnemonic : PFC
Measure Point: 7.42': CCL
Measure Point: 5.30': GR

SINKER BAR 2.75" - STEEL 10 COND

Diameter : 2.75"
Length : 5.25'
Series : 3914NA
Mnemonic : SNKB

BULL PLUG 2 3/4

TOTAL LENGTH: 15.42'

MAX DIAMETER: 0'2.75"

15.42'
CCL 12.86'
GR 10.74'
0.00'

**BAKER
HUGHES**
a GE company



COMPANY
WELL
FIELD
COUNTY

HOLLY FRONTIER - NAVAJO
NAVAJO REFINING WDW #4
ARTESIA
EDDY

STATE **NEW MEXICO**

FILE NO:

MD11798

API NO:

30-015-44677

LOCATION:

1217' FSL & 2443' FWL
SECTION 23, T17S, R27E
N.M.P.M. SURVEY

ELEVATIONS:

KB 3585.8 FT

DF 3584.8 FT

GL 3565.8 FT

DATE

01-Jul-2018

ECLIPS