



FILE NO:
CH089583

API NO:
05045217920000

Ver. 3.87
32 6S 93W
RU 23-5 PAD
NABORS 576

LOCATION:
SHL: 127' FNL & 2575' FWL(5 7S 93W)
BH: 1061' FSL & 2023' FWL(32 6S 93W)

SEC 32 TWP 6S RGE 93W

OTHER SERVICES
RPM

COMPANY
WELL
FIELD
COUNTY

WPX ENERGY
FEDERAL NER 324-32
RULISON
GARFIELD

STATE CO

PERMANENT DATUM
LOG MEASURED FROM
DRILL MEAS. FROM

GL ELEVATION 7603 FT
KB 26 FT ABOVE P.D.
KB

ELEVATIONS:
KB 7629 FT
DF
GL 7603 FT

DATE
RUN

TRIP
1

SERVICE ORDER
US089583

DEPTH DRILLER
10174 FT

DEPTH LOGGER
10140 FT

BOTTOM LOGGED INTERVAL
10130 FT

TOP LOGGED INTERVAL
26 FT

TIME STARTED
11:30

TIME FINISHED
15:00

OPERATOR RIG TIME
3.5 HOURS

TYPE OF FLUID IN HOLE
WATER

FLUID DENSITY
NA

FLUID SALINITY
NA

LOGGED LEVEL
90 FT

LOGGED CEMENT TOP
NA

WELLHEAD PRESSURE
0 PSI

MAXIMUM HOLE DEVIATION
NA

NOMINAL LOGGING SPEED
65 FMN

MAX. RECORDED TEMP.
242 DEGF

REFERENCE LOG
NA

REFERENCE LOG DATE
NA

EQUIP. NO.
6670

LOCATION
JEFF DUCY

RECORDED BY
NEWELL

WITNESSED BY

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.

BOREHOLE RECORD

BIT SIZE	FROM	TO
13.5 IN	0 FT	1114 FT
8.75 IN	1114 FT	10192 FT

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			0 FT	1114 FT
4.5 IN	11.6 LB/F	P-110	0 FT	10192 FT

REMARKS

RUN 1 TRIP 1: All data on this log is shifted using the CCL curve to put the wellhead (top CCL mark) on depth with ground level elevation at the client's request.

The amount of linear shift is 2 feet.

Logged with 0 PSI at wellhead.

BHT = 242 degF
SJ = 6902' - 6924

Thank you for choosing Baker Hughes ... The best choice!

EQUIPMENT DATA					
RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10404539	CENTRALIZED
1	1	GR/CCL	2459XA	10218503	CENTRALIZED

PRIMARY PRESENTATION 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1 Patches: 2

Plotted: Mon Sep 1 17:52:59 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH089583/n012e02.prm
LOGGING MODE: DEPTH
TOP DEPTH: 27.000 ft

DIRECTION: UP
BOTTOM DEPTH: 10146.069 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

RAL CCL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	174	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-74	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	135	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

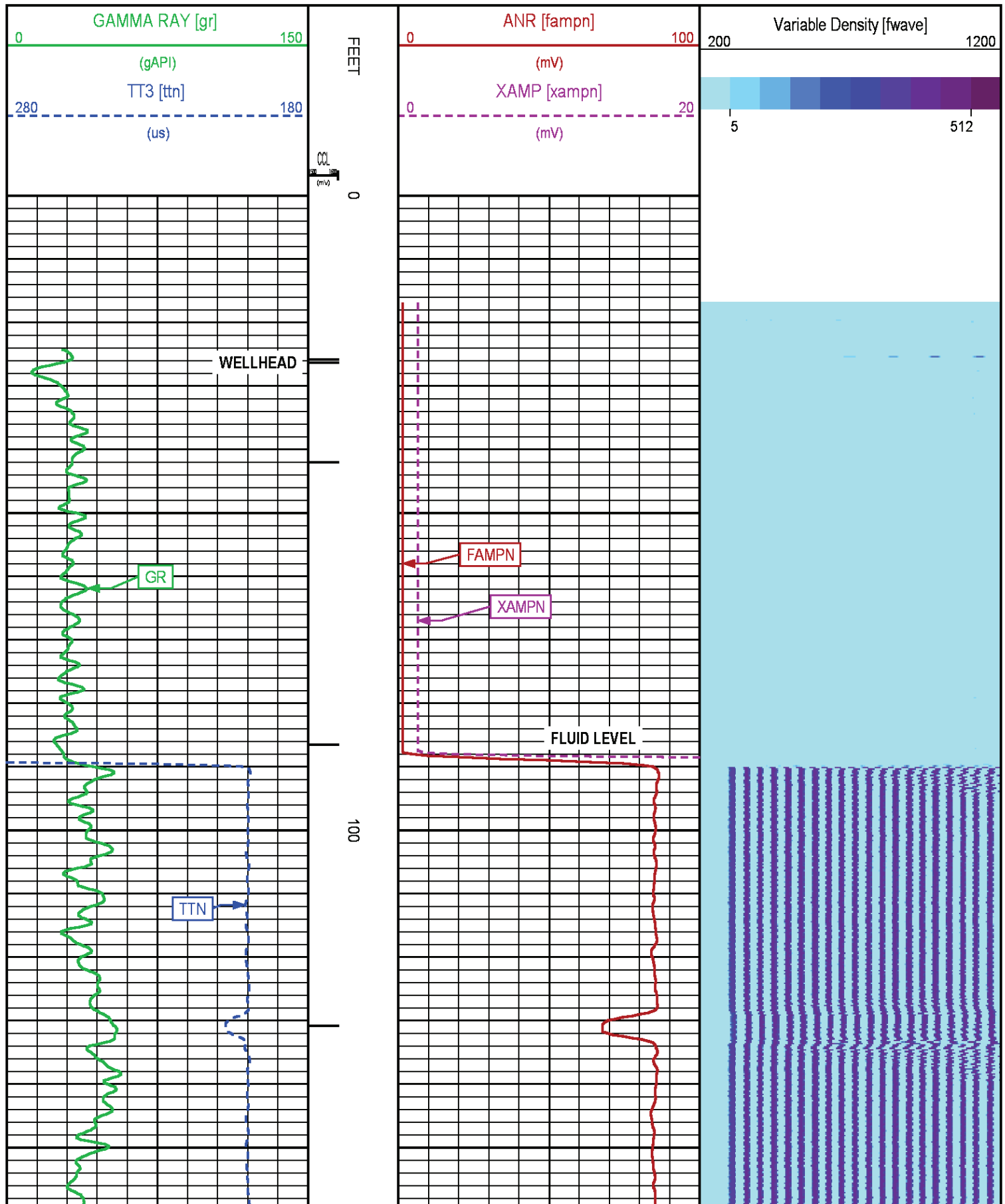
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Sep 1 12:18:56 2014	CASING COLLAR LOCATOR
F1:FAMPN	Sep 1 12:18:56 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Sep 1 12:18:56 2014	FAR WAVE FORM
F1:GR	Sep 1 12:18:56 2014	GAMMA RAY
F1:TTN	Sep 1 12:18:56 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Sep 1 12:18:56 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

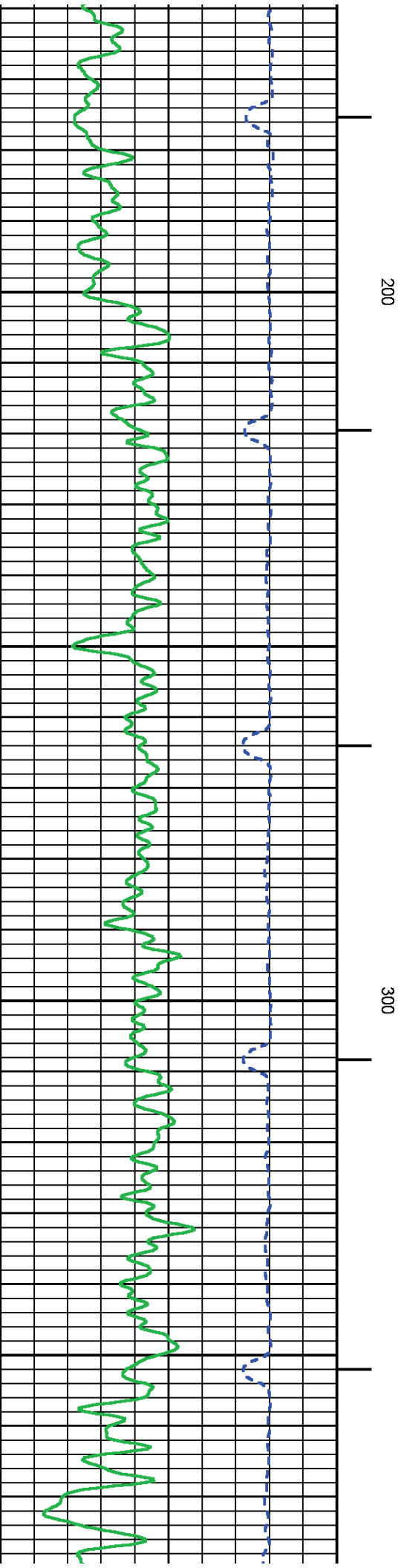
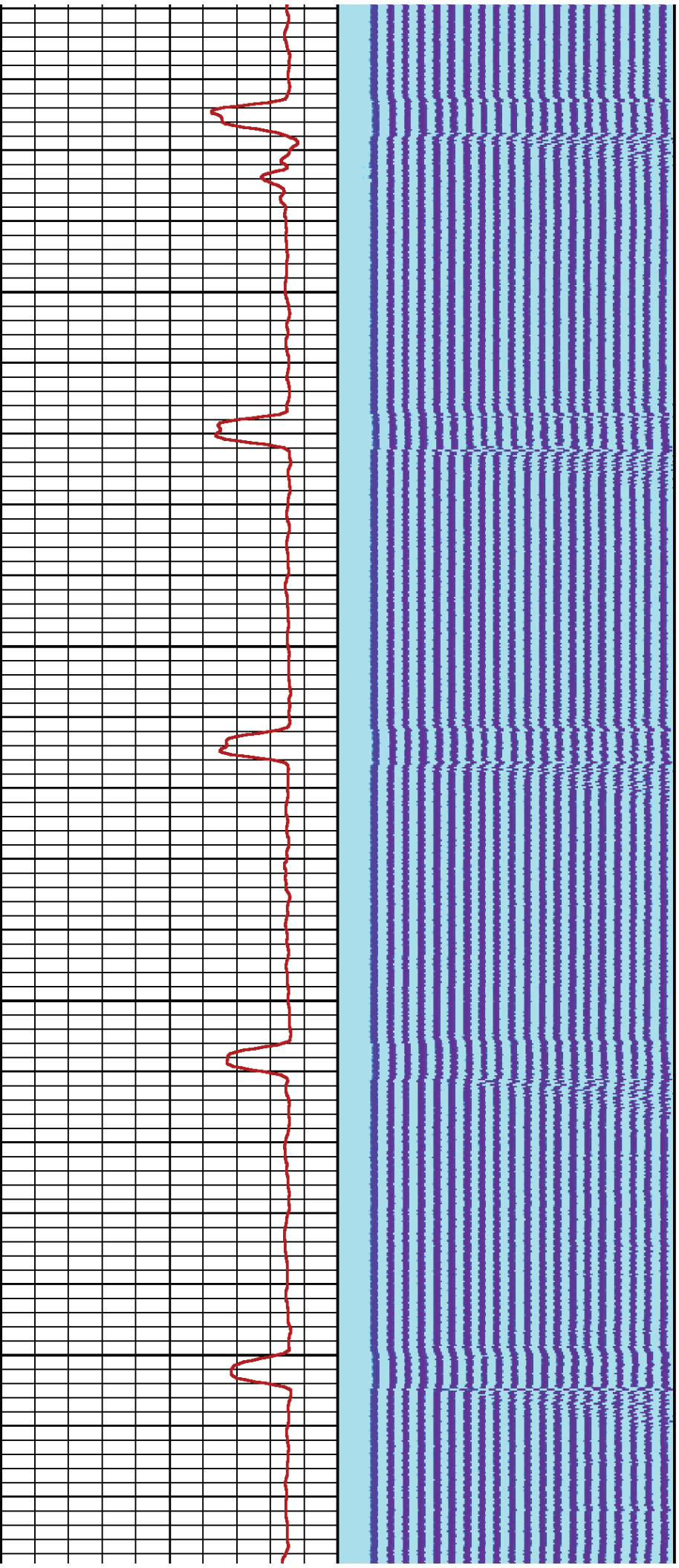
CURVE MEASURE POINT OFFSET

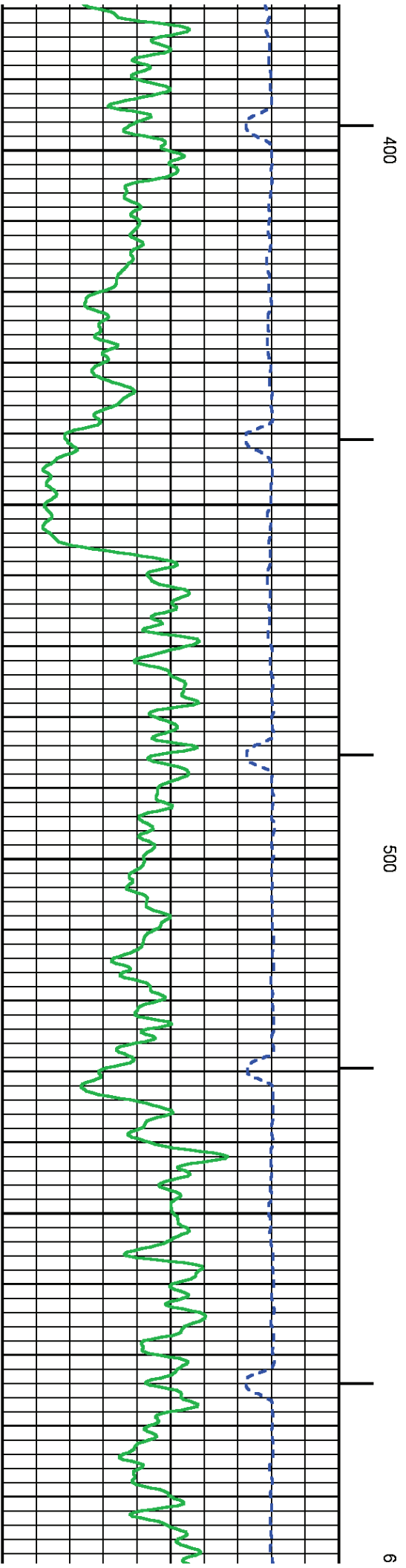
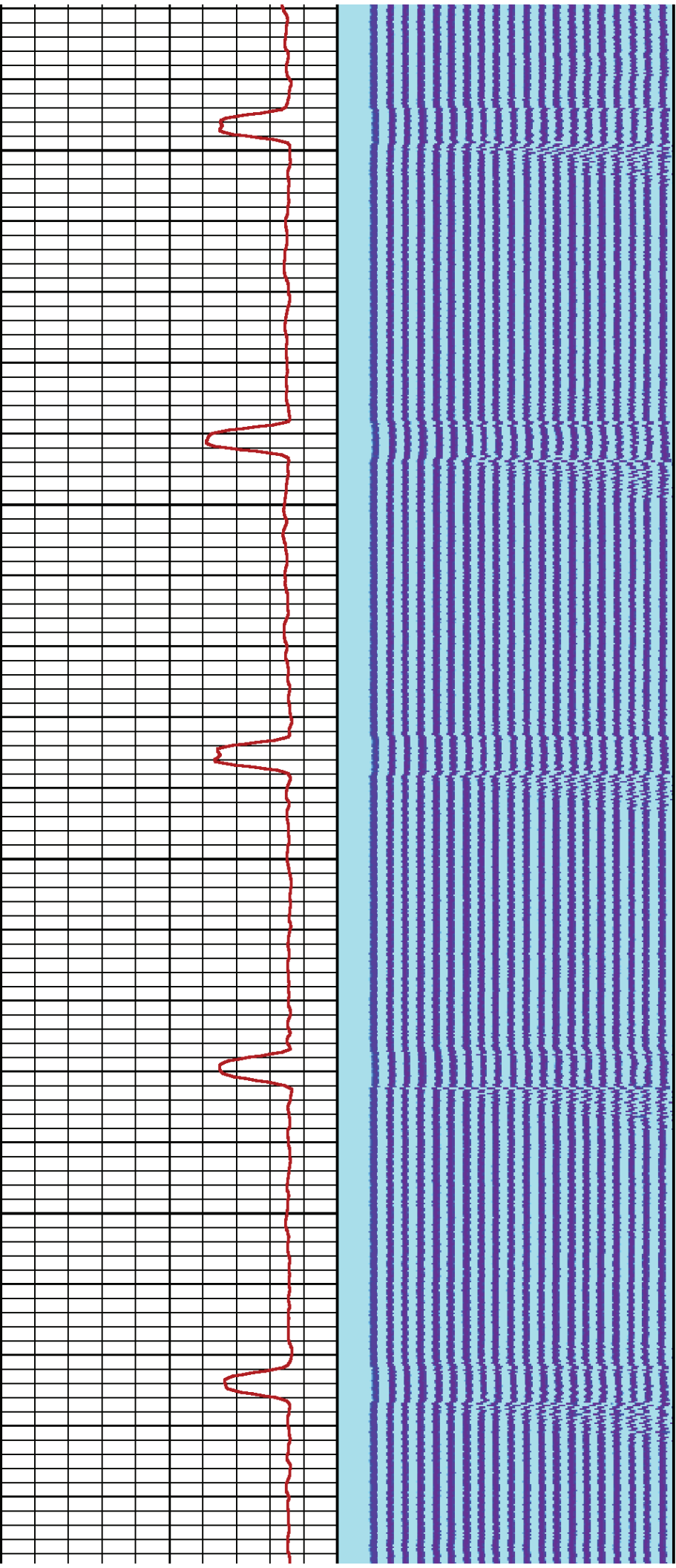
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

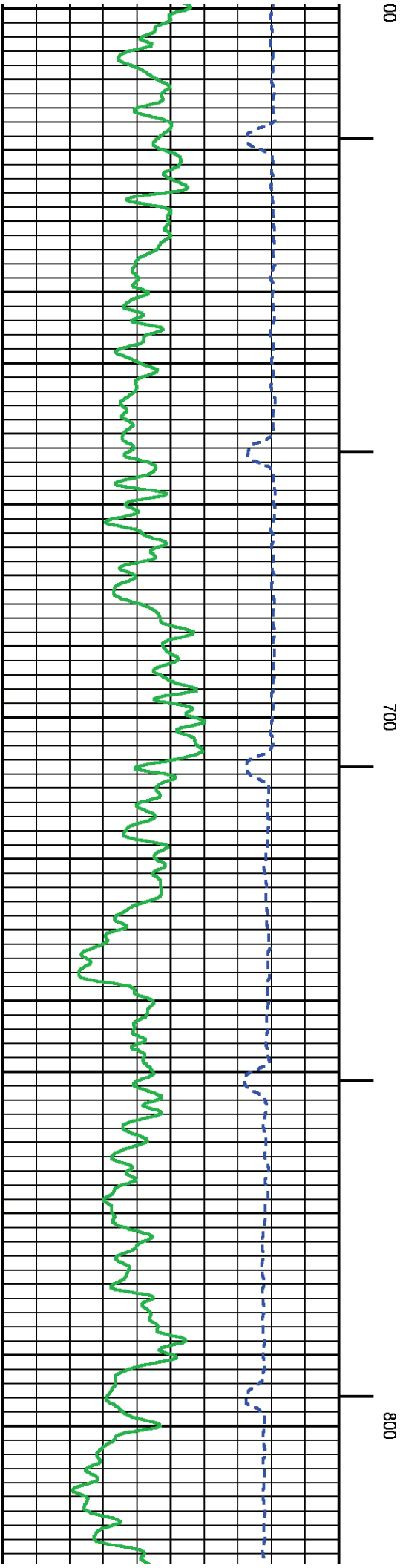
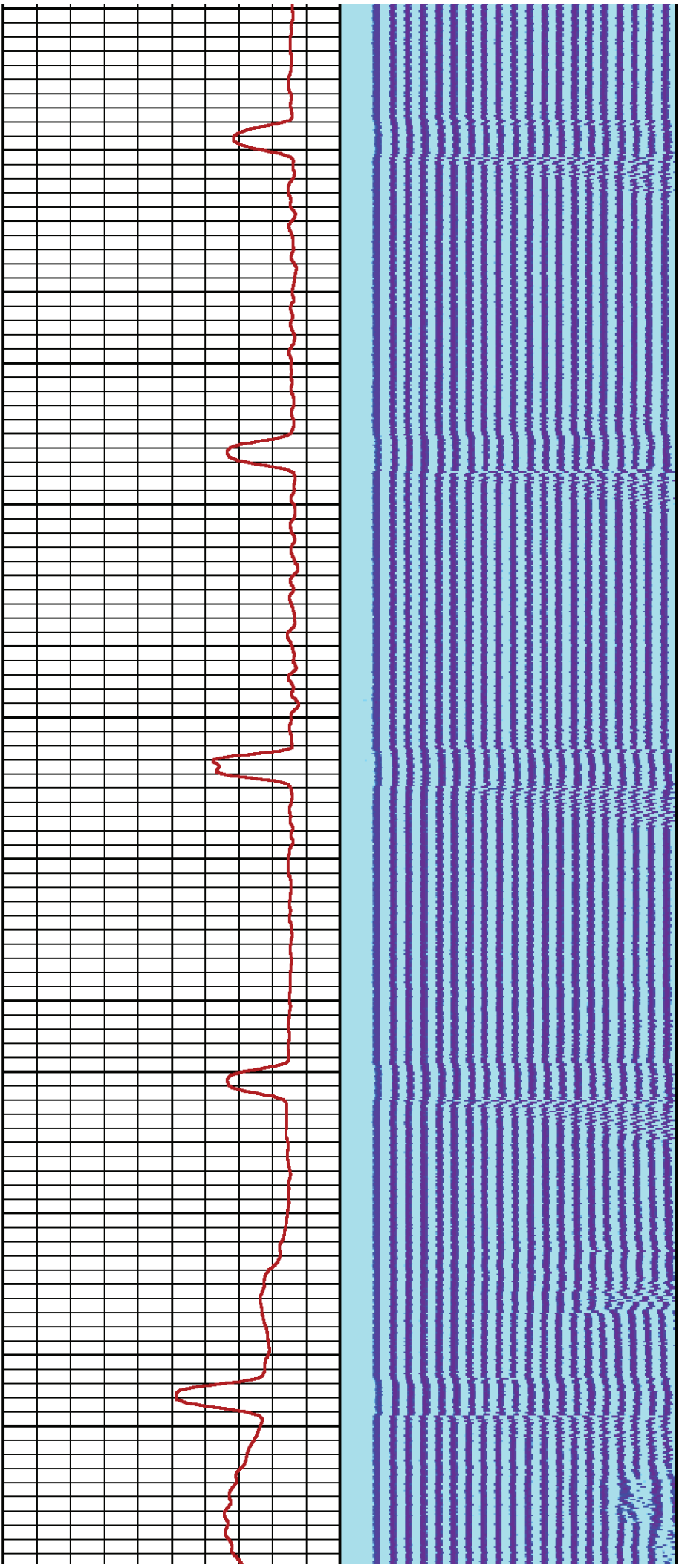
Presentation : HL6670:/dat1a/CH089583/324CBL_MAIN_PRIMARY.TVPdr [5 /100 Scale]
Plot Interval : 0 - 10145 Feet

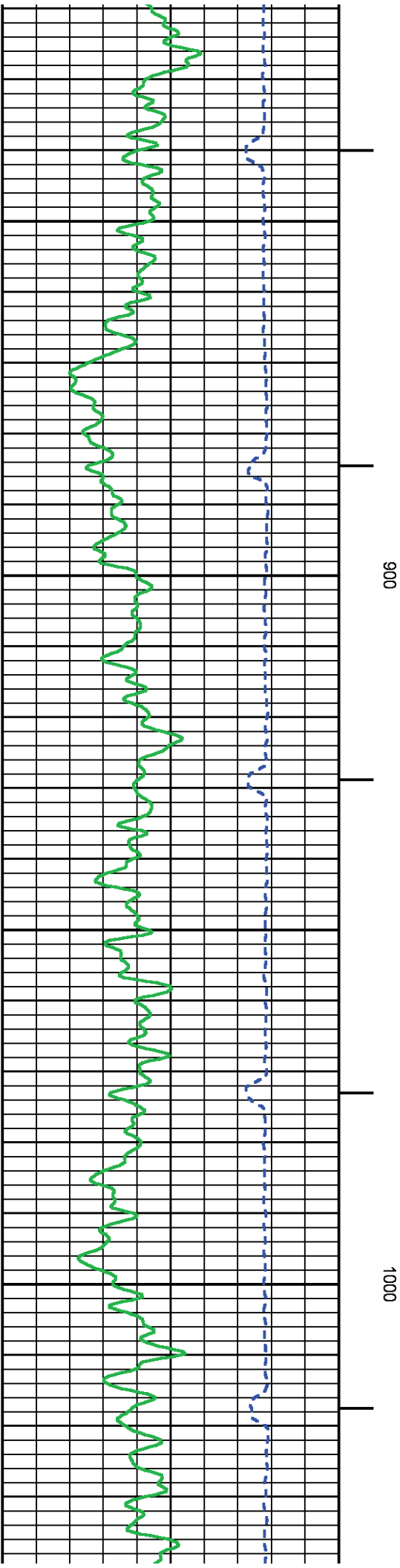
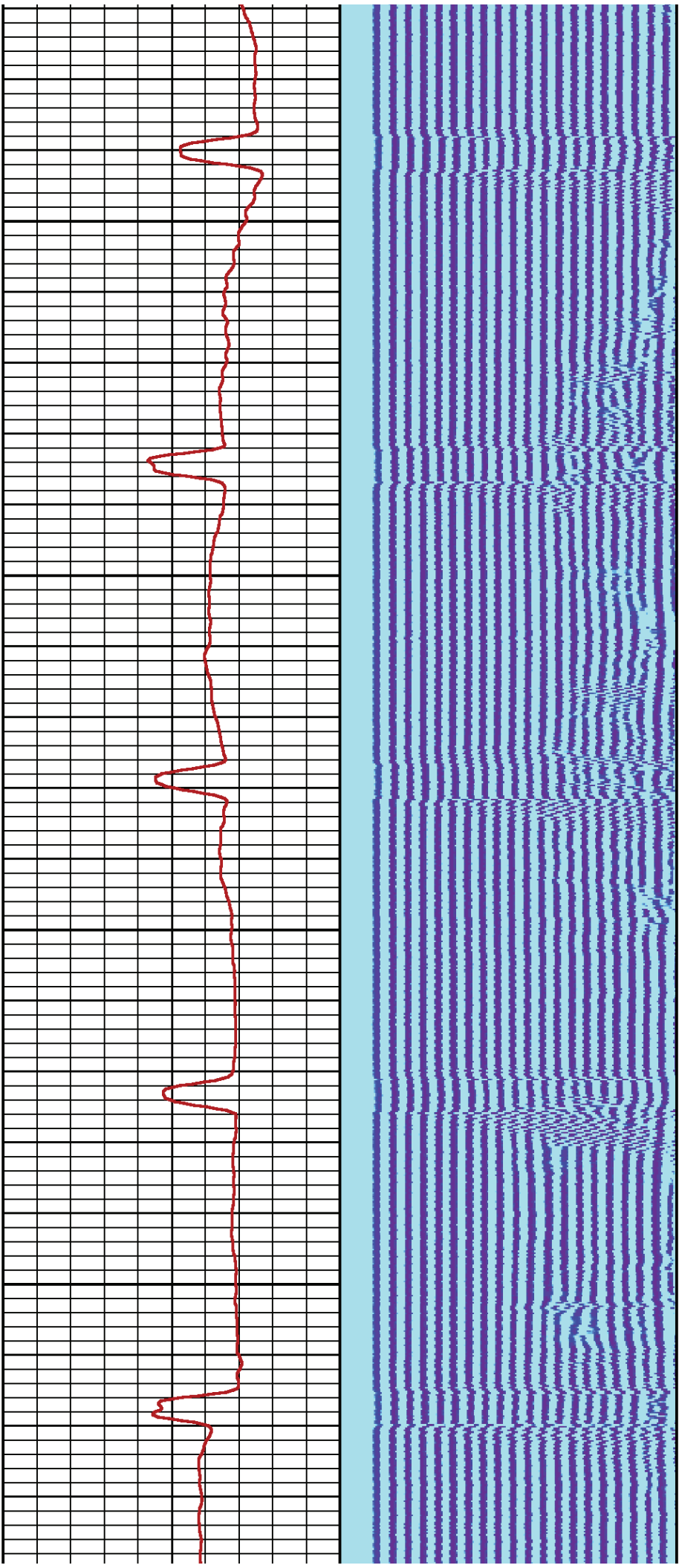
Data File 1 : F1 : HL6670:/dat1a/CH089583/324CBL_MAIN.xtf
Created On : Sep 1 12:18:56 2014
Company : WPX ENERGY
Well : FEDERAL NER 324-32
Field : RULISON
File Interval : 15.75 - 10148.5 Feet
OCT : n012e

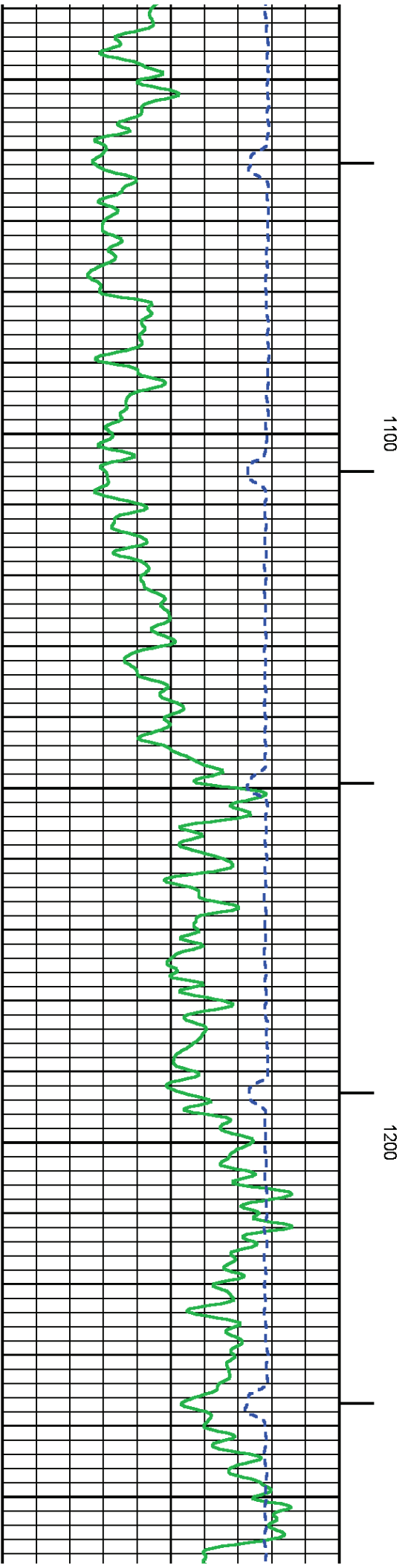
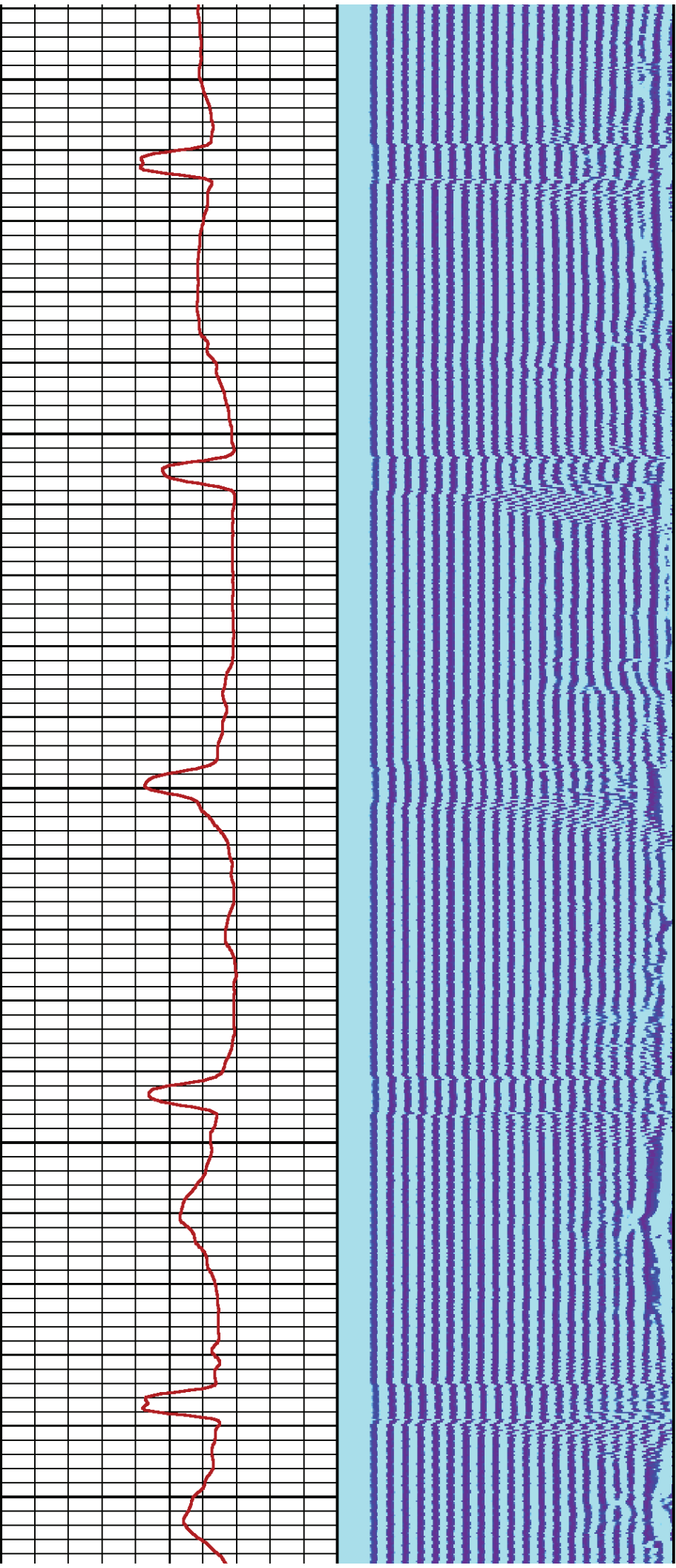


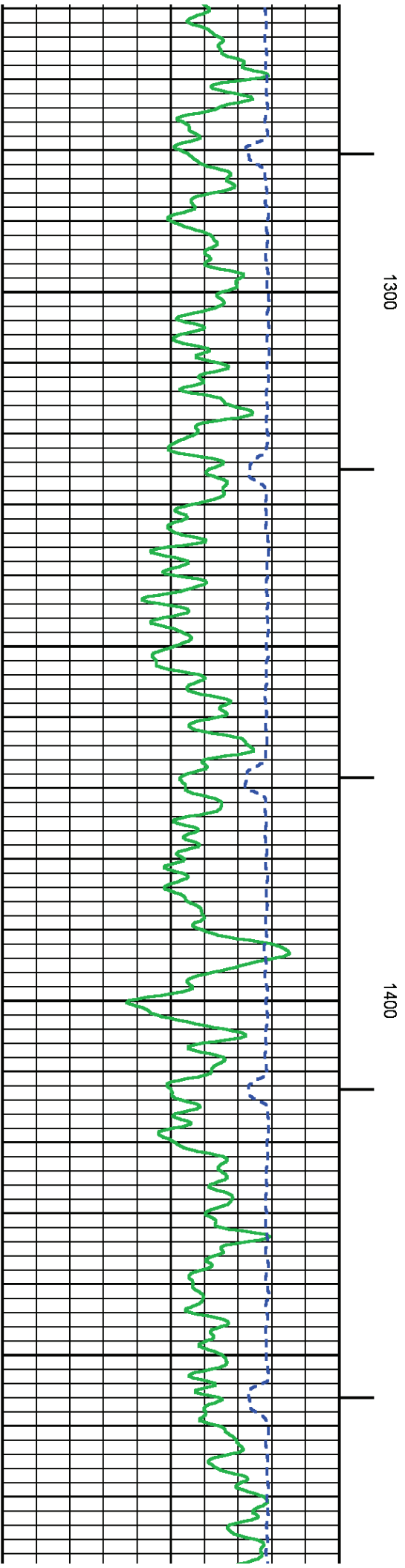
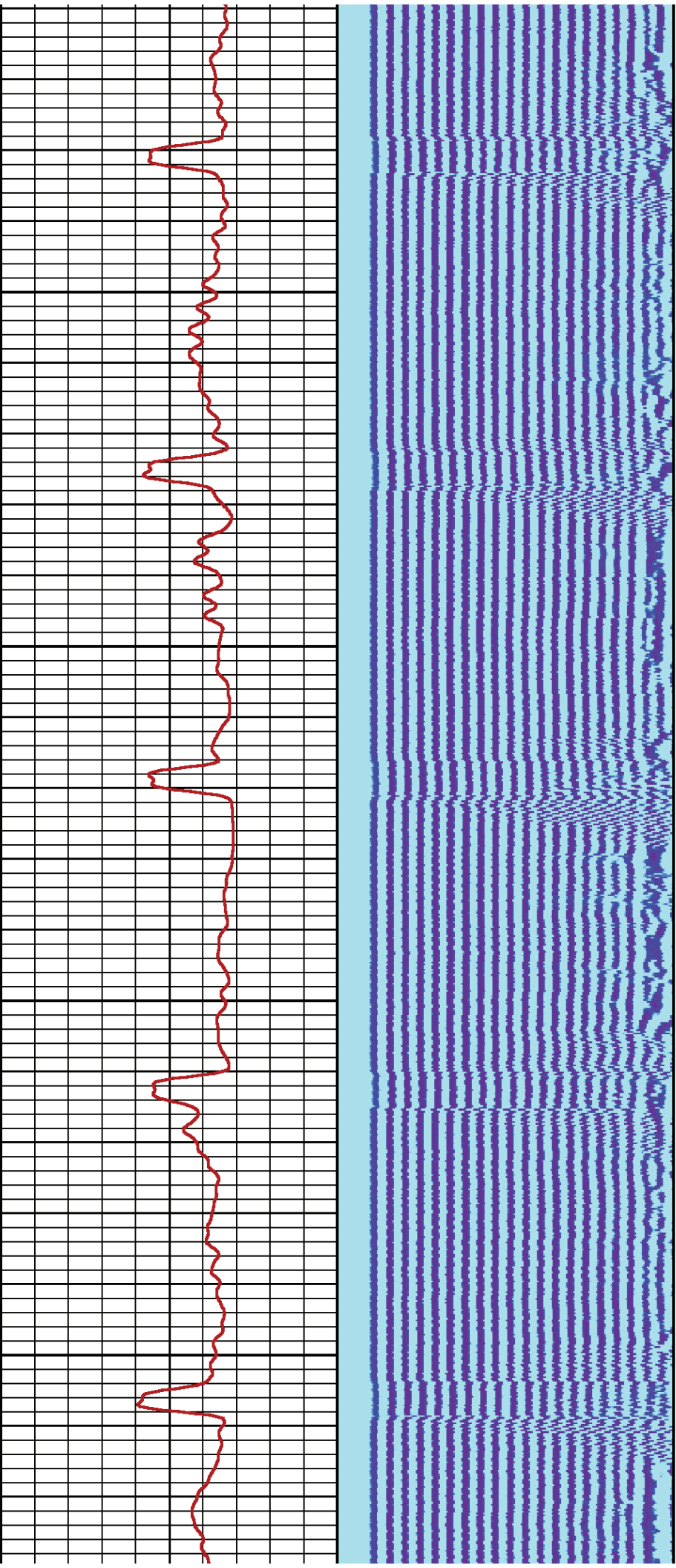


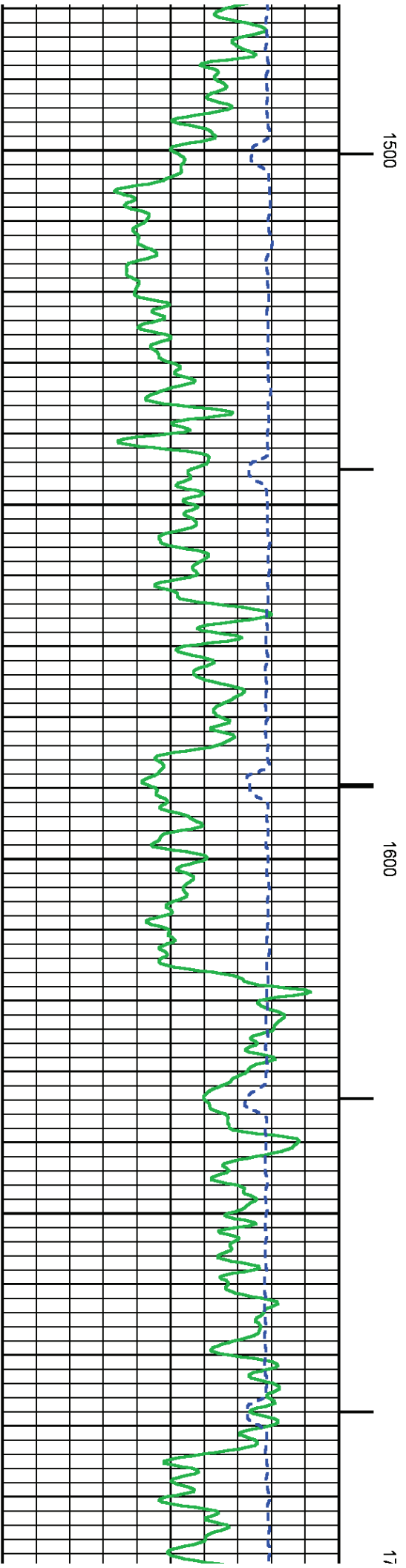
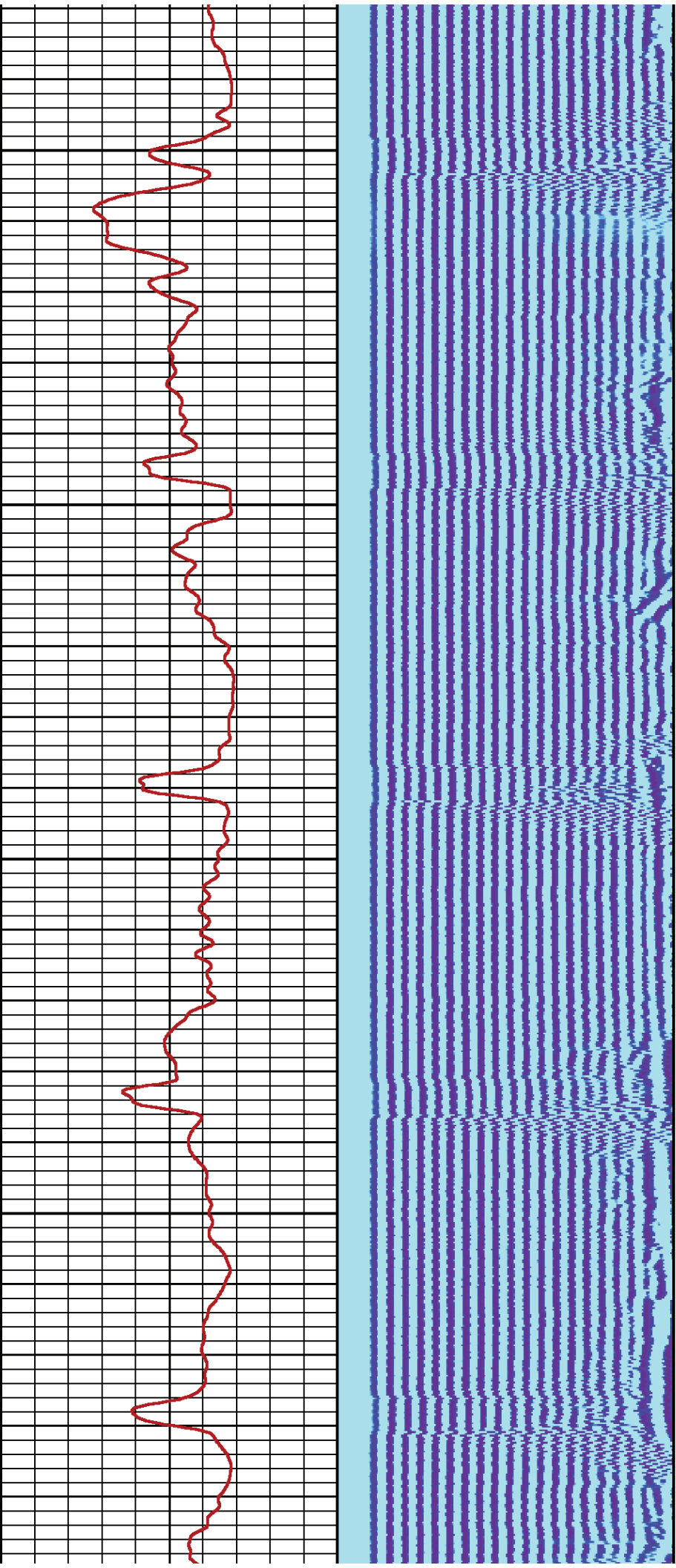


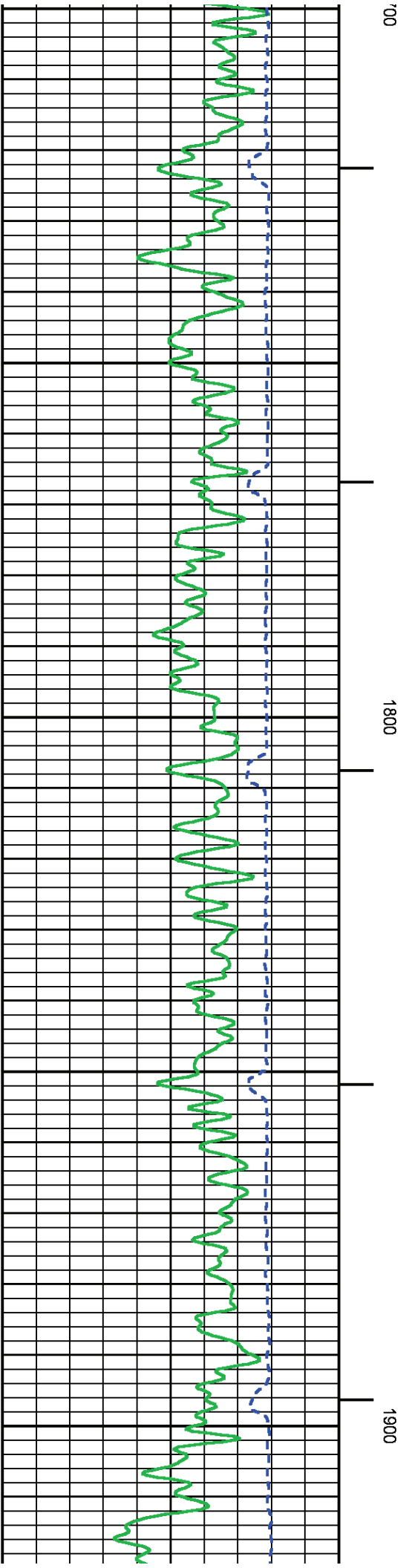
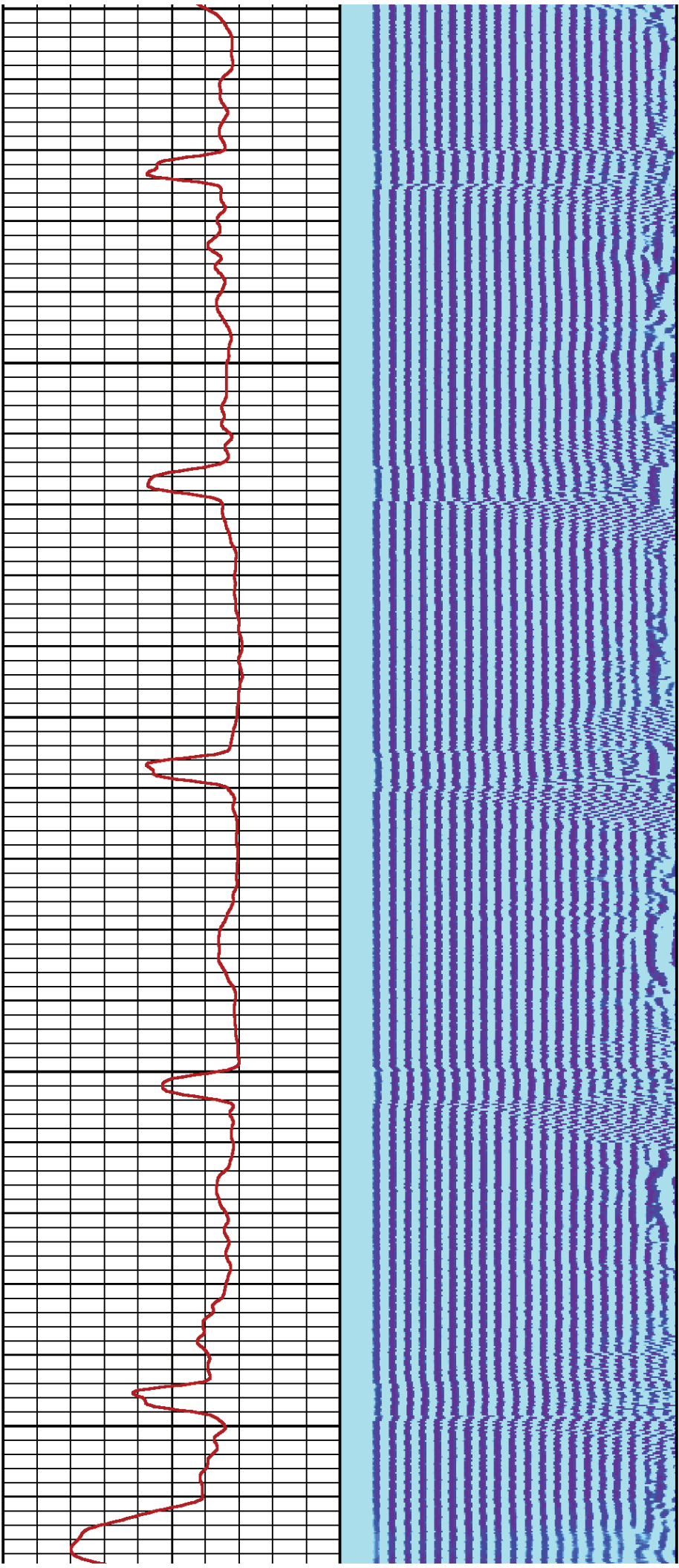


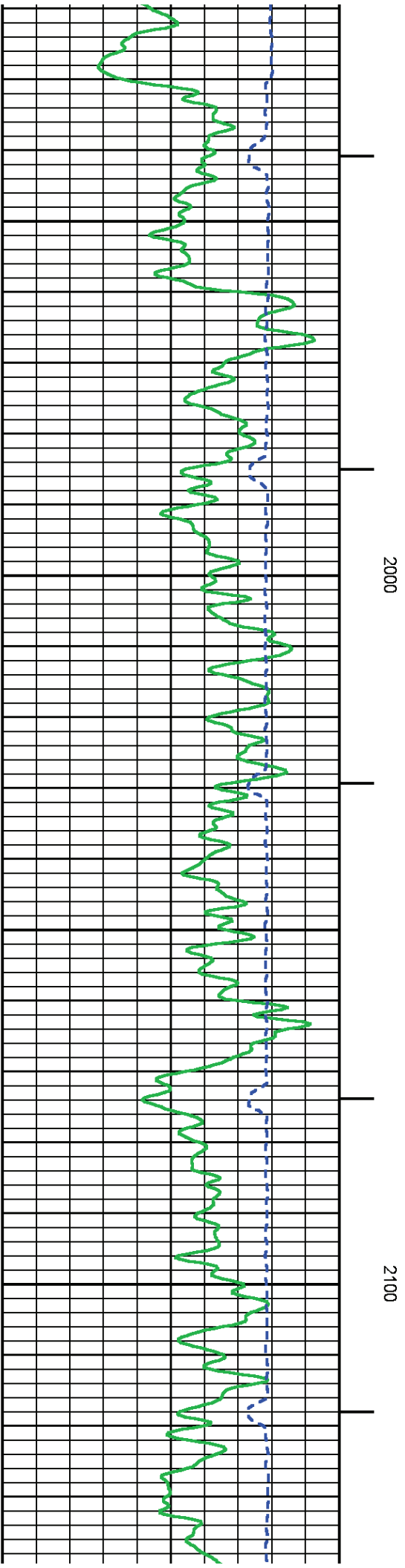
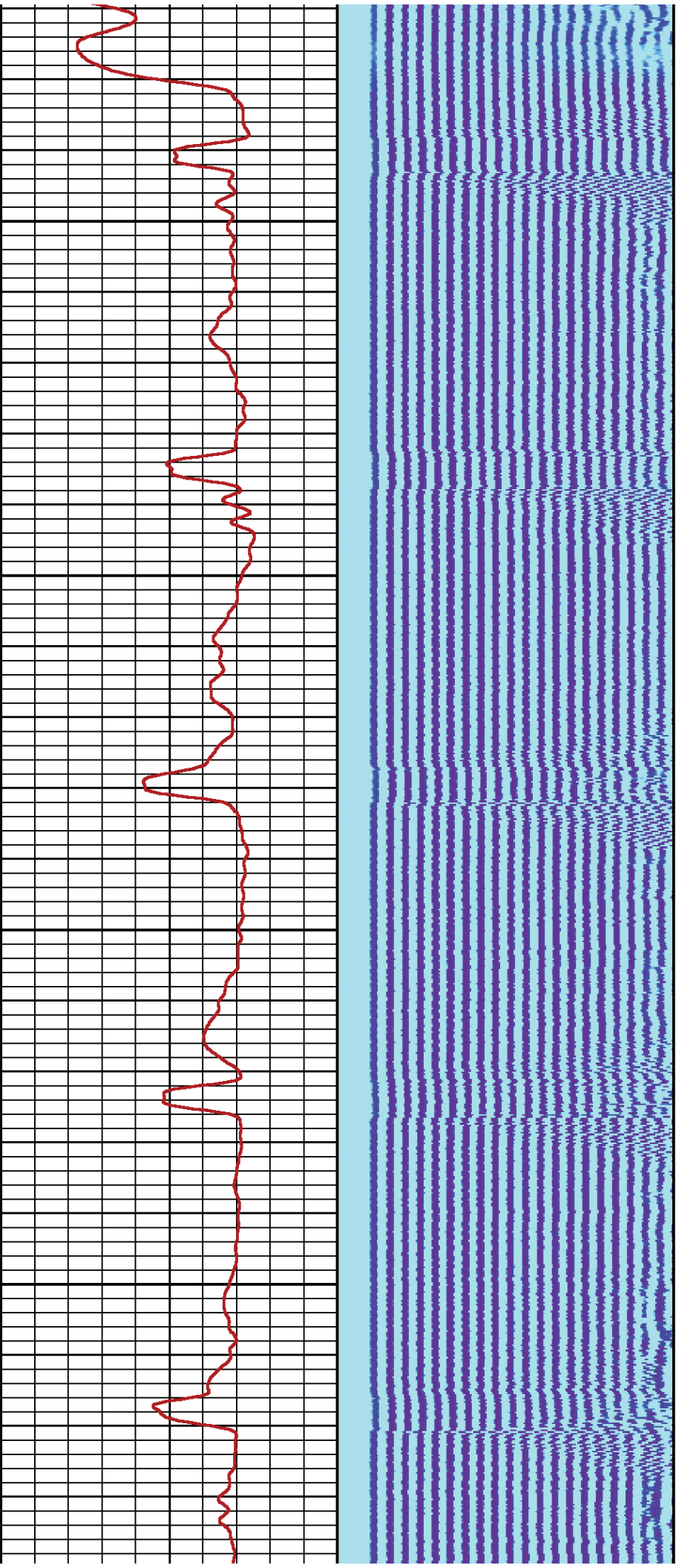


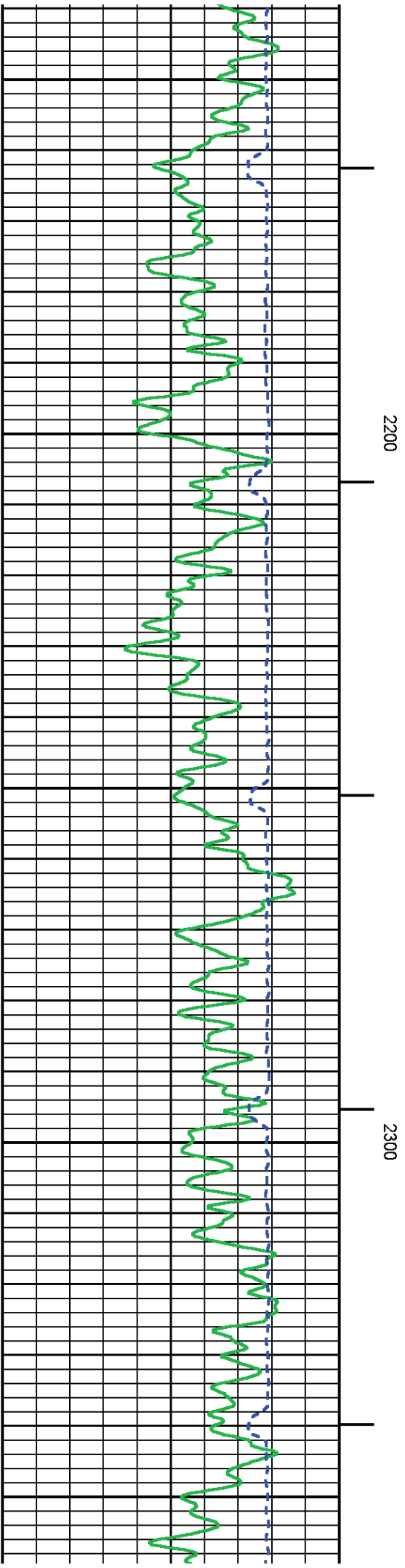
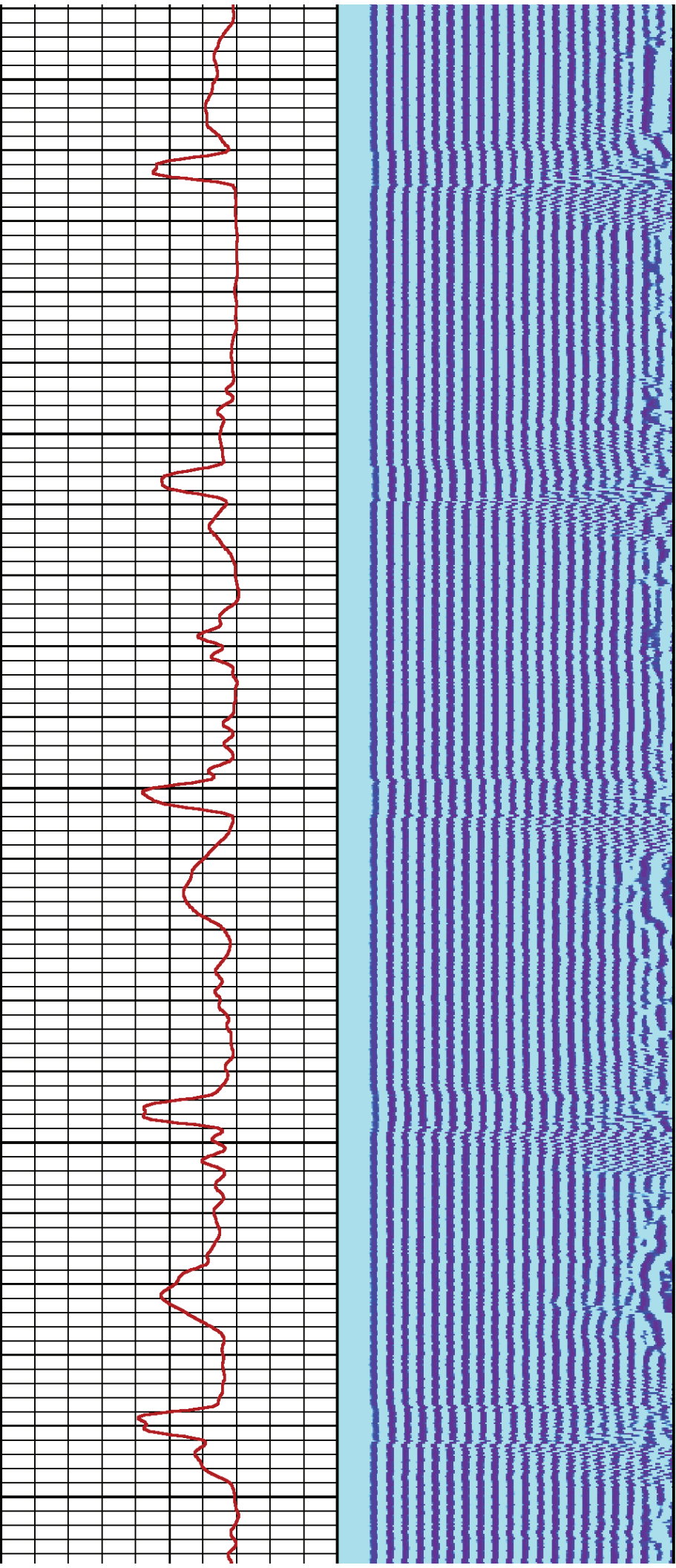


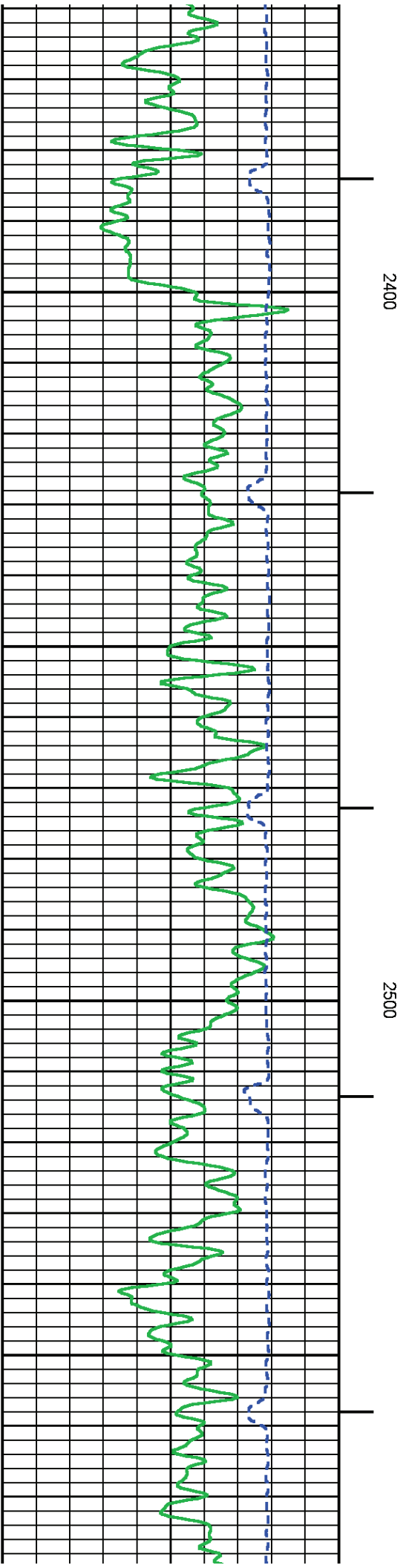
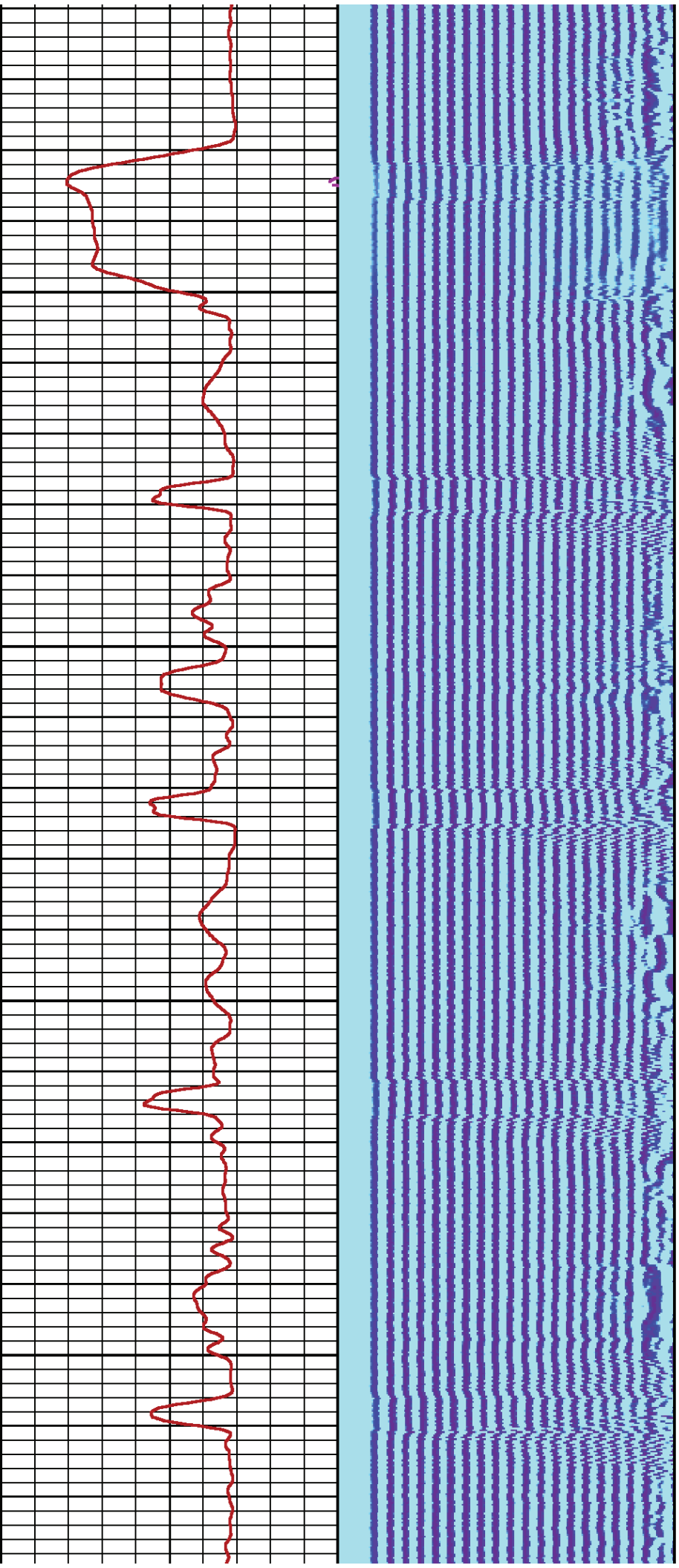


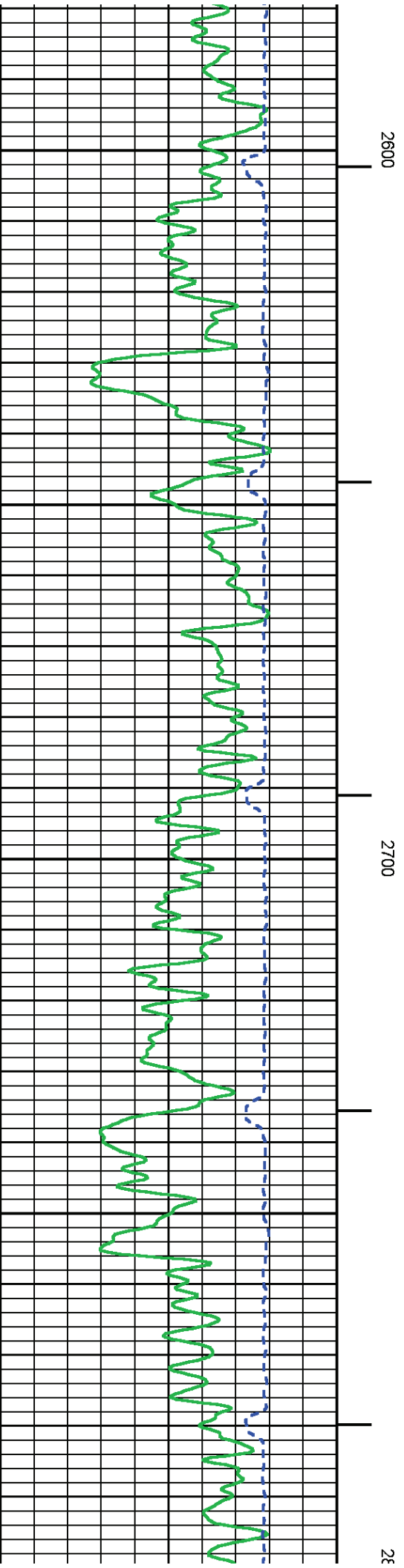
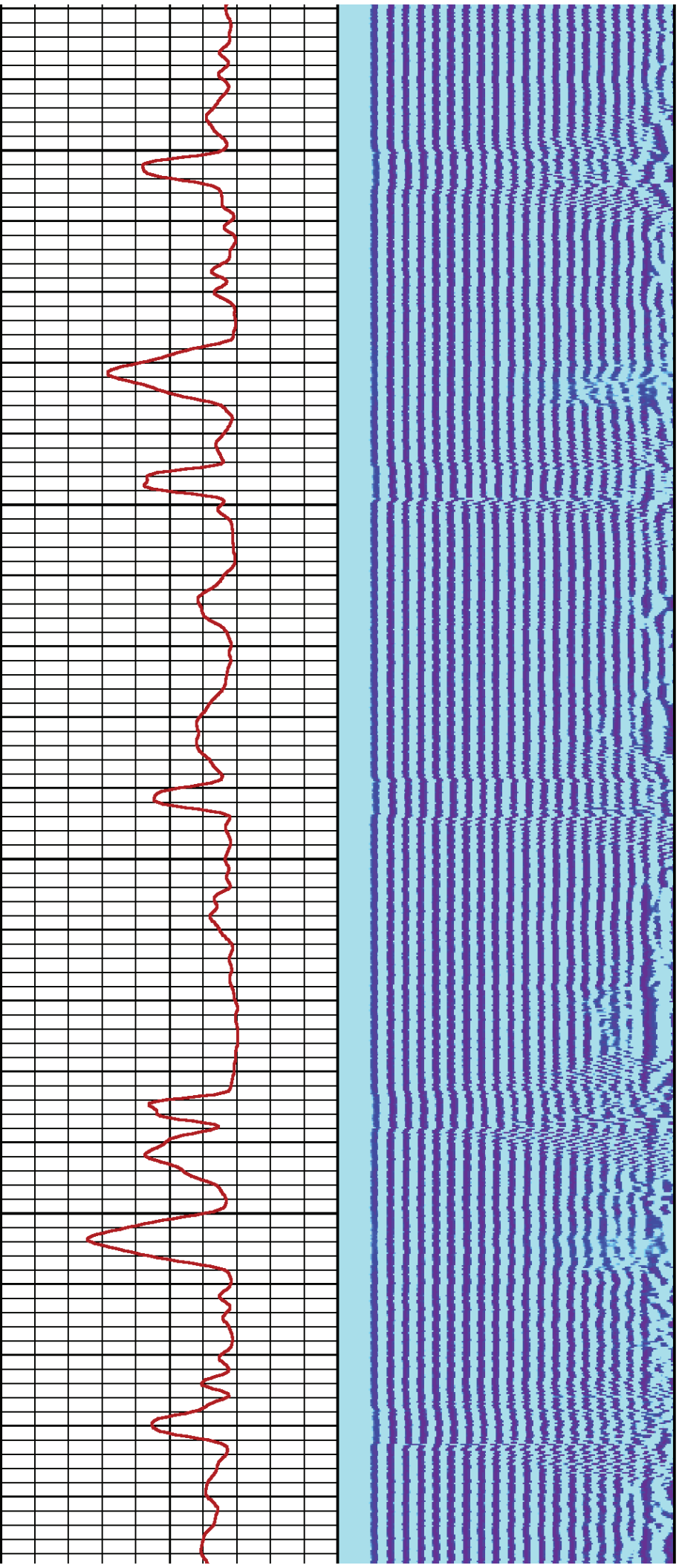


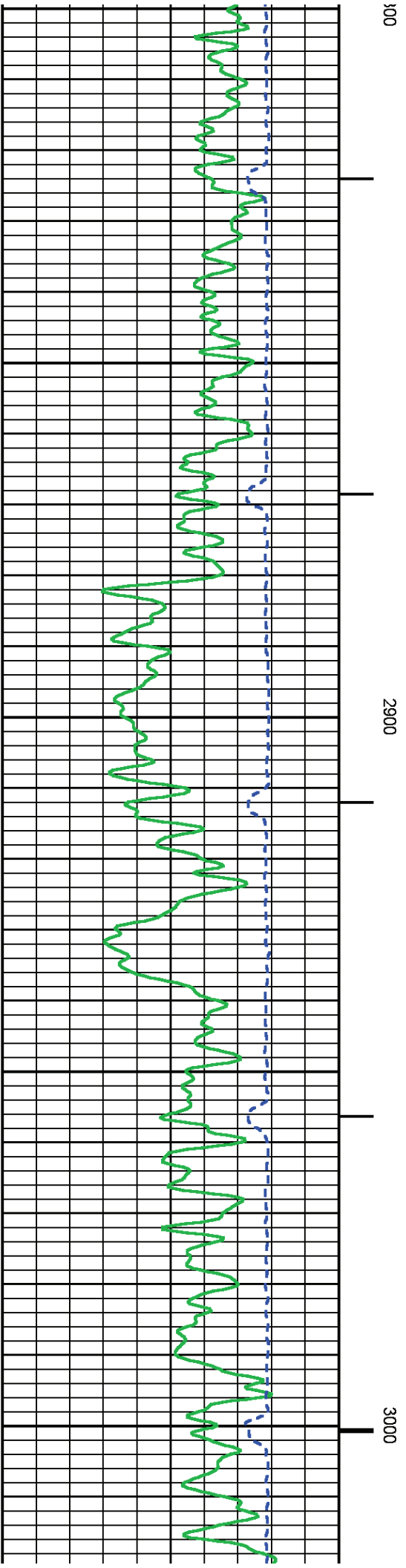
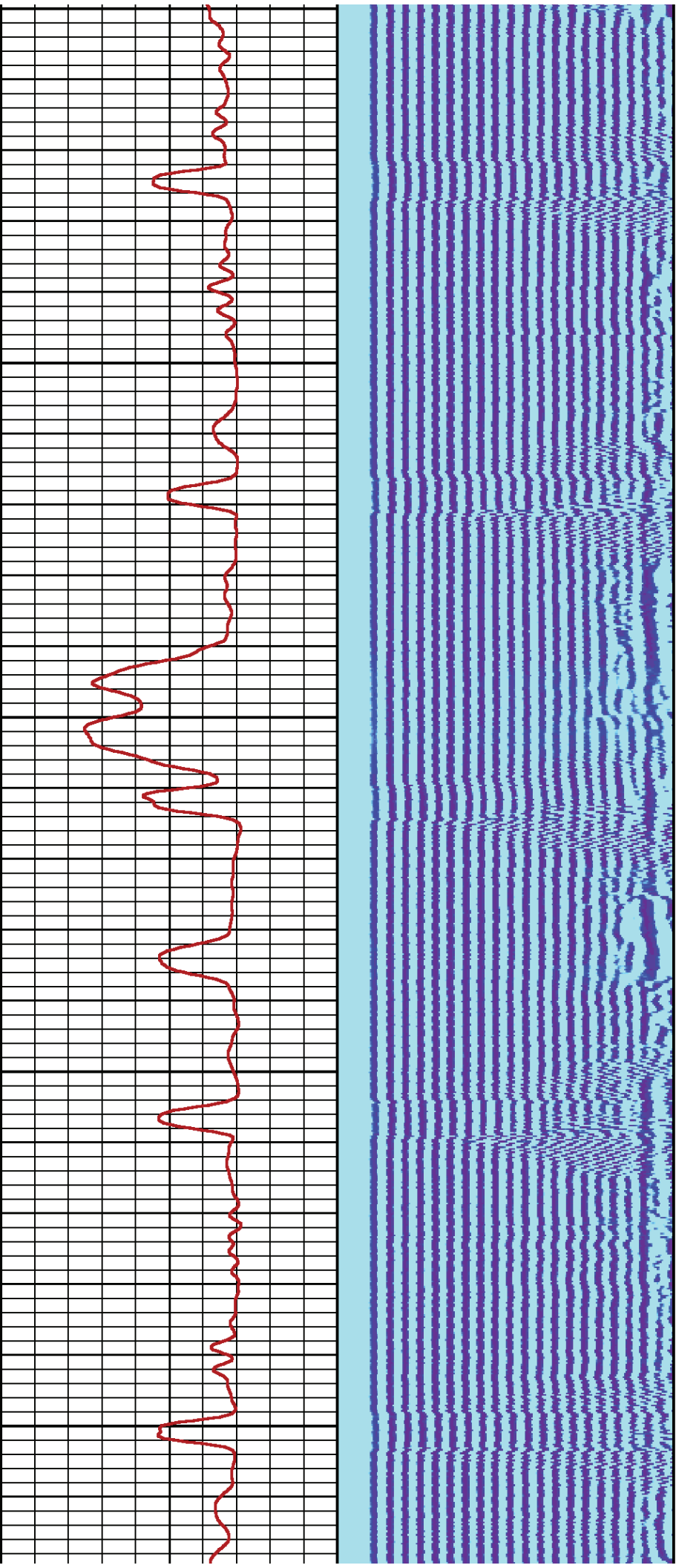


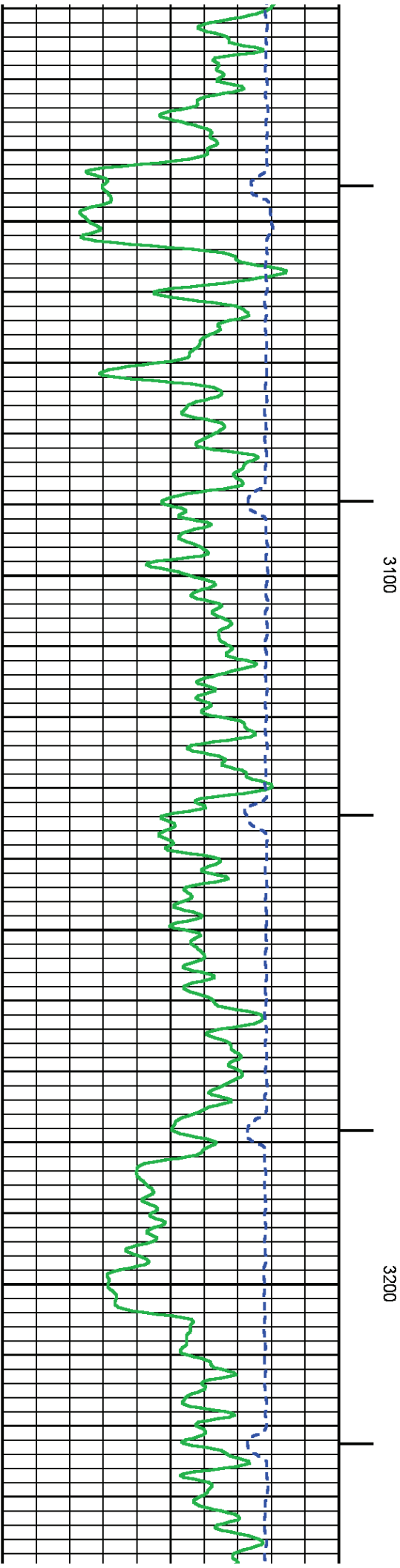
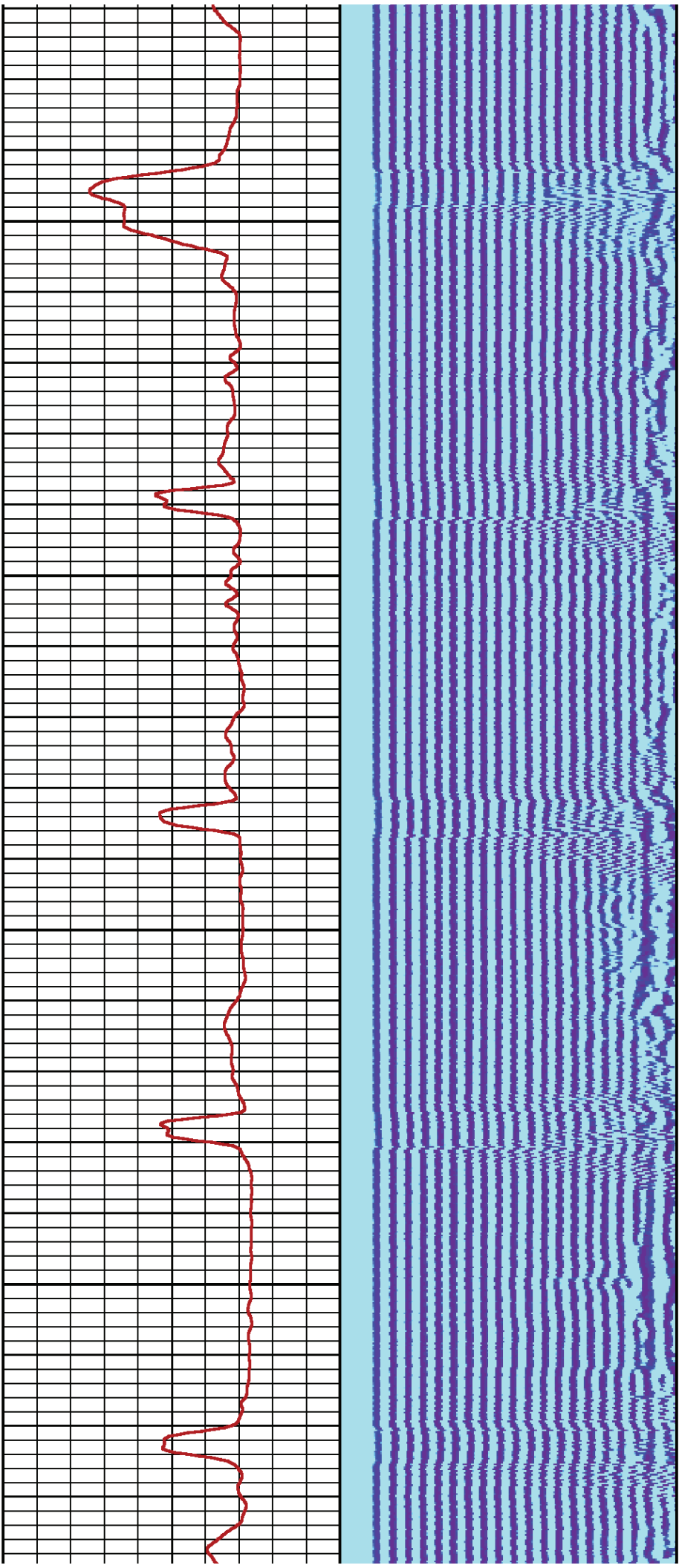


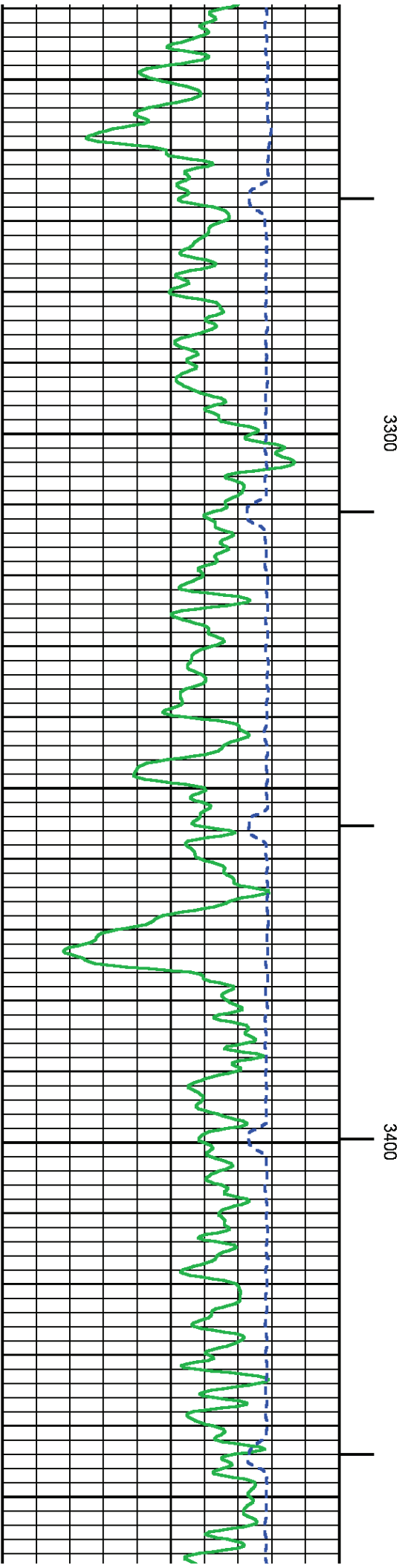
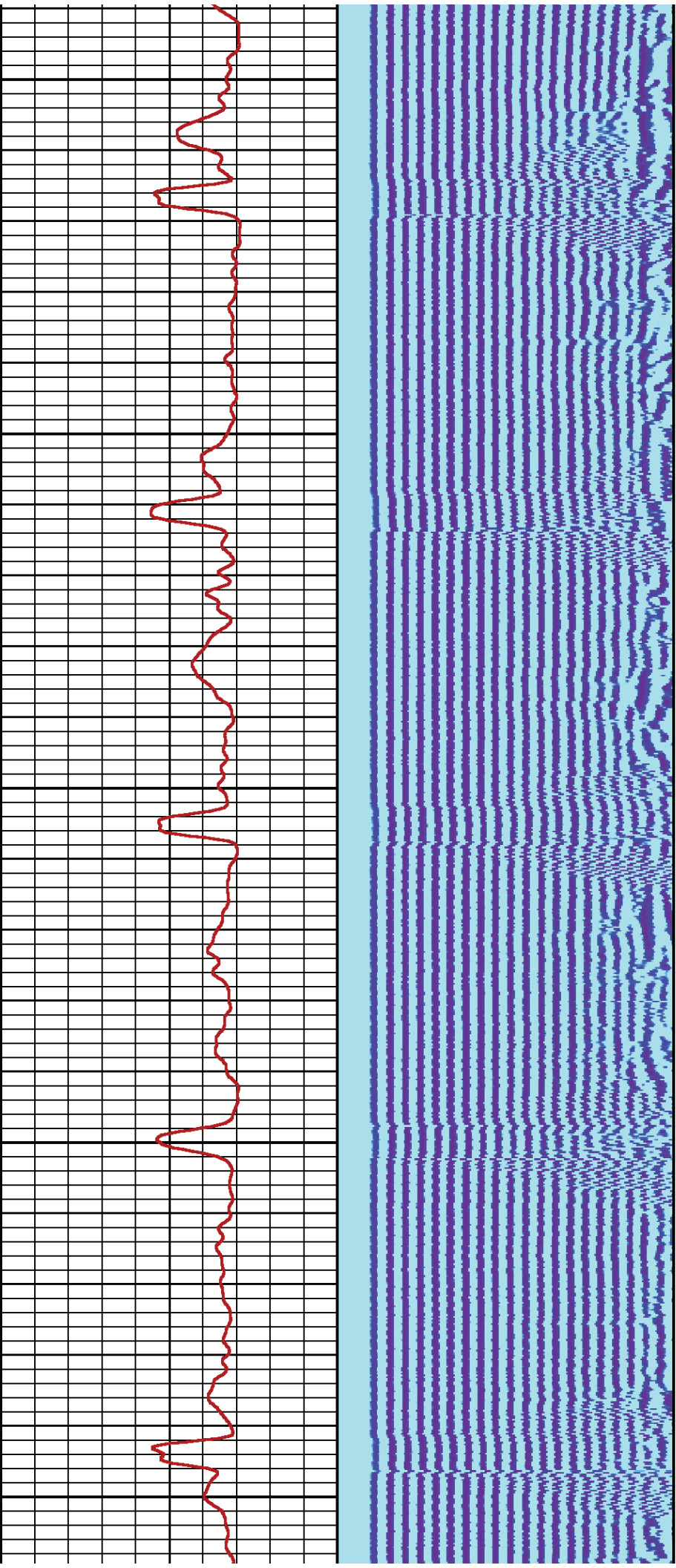


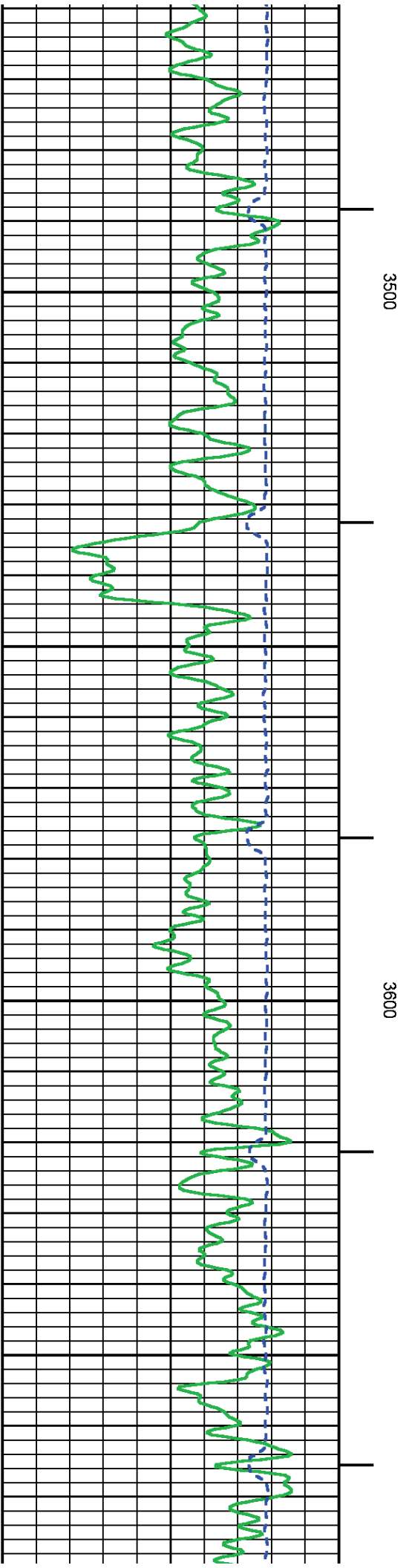
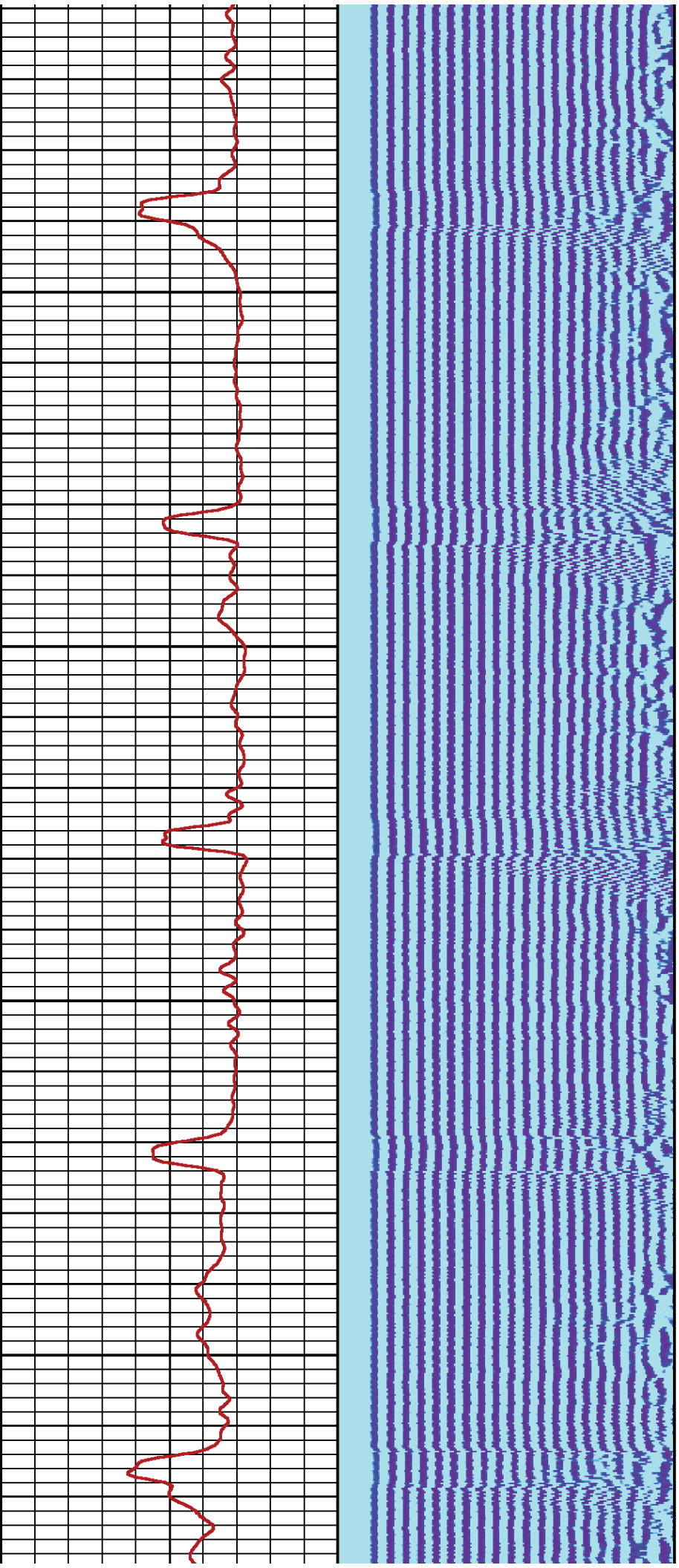


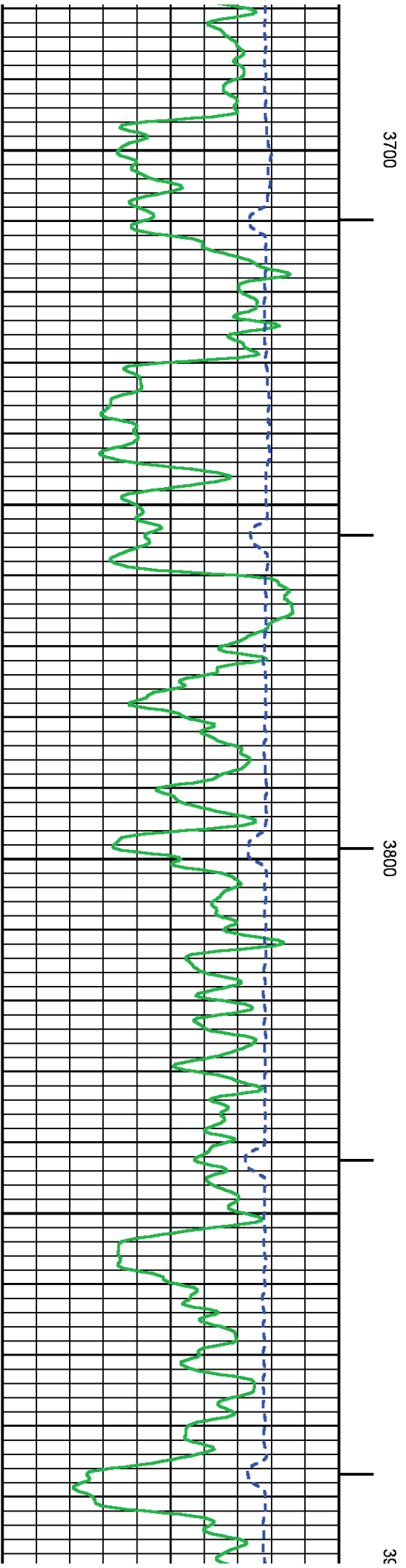
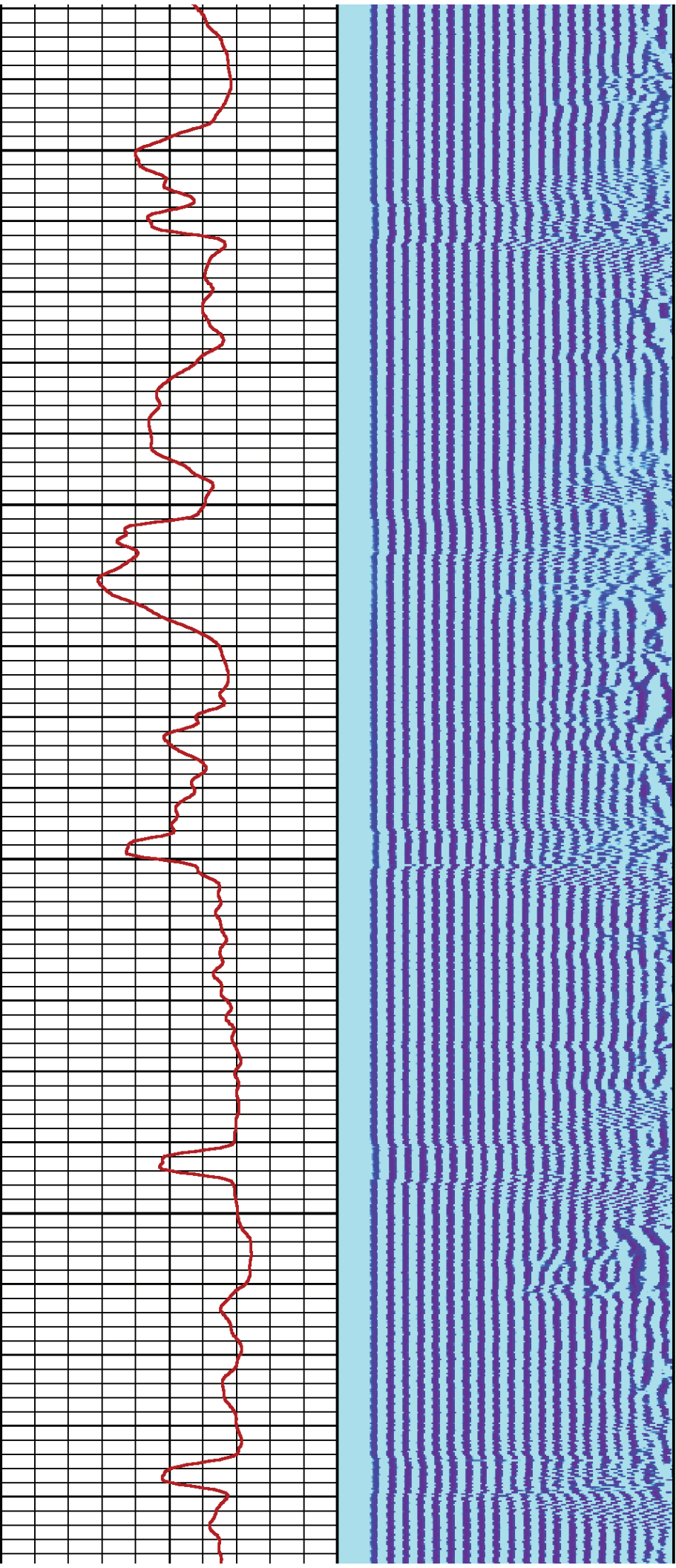


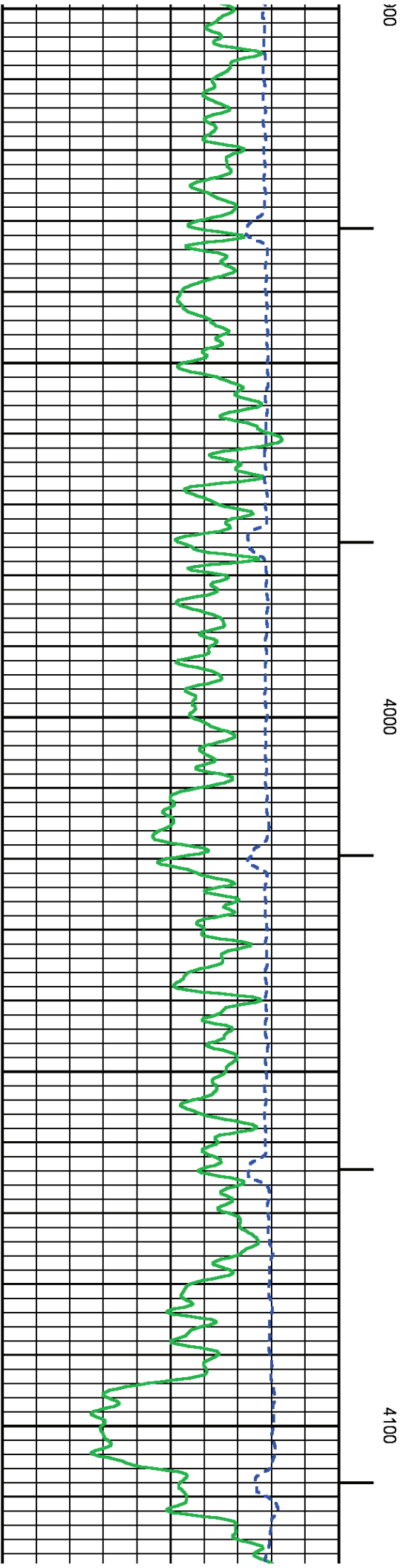
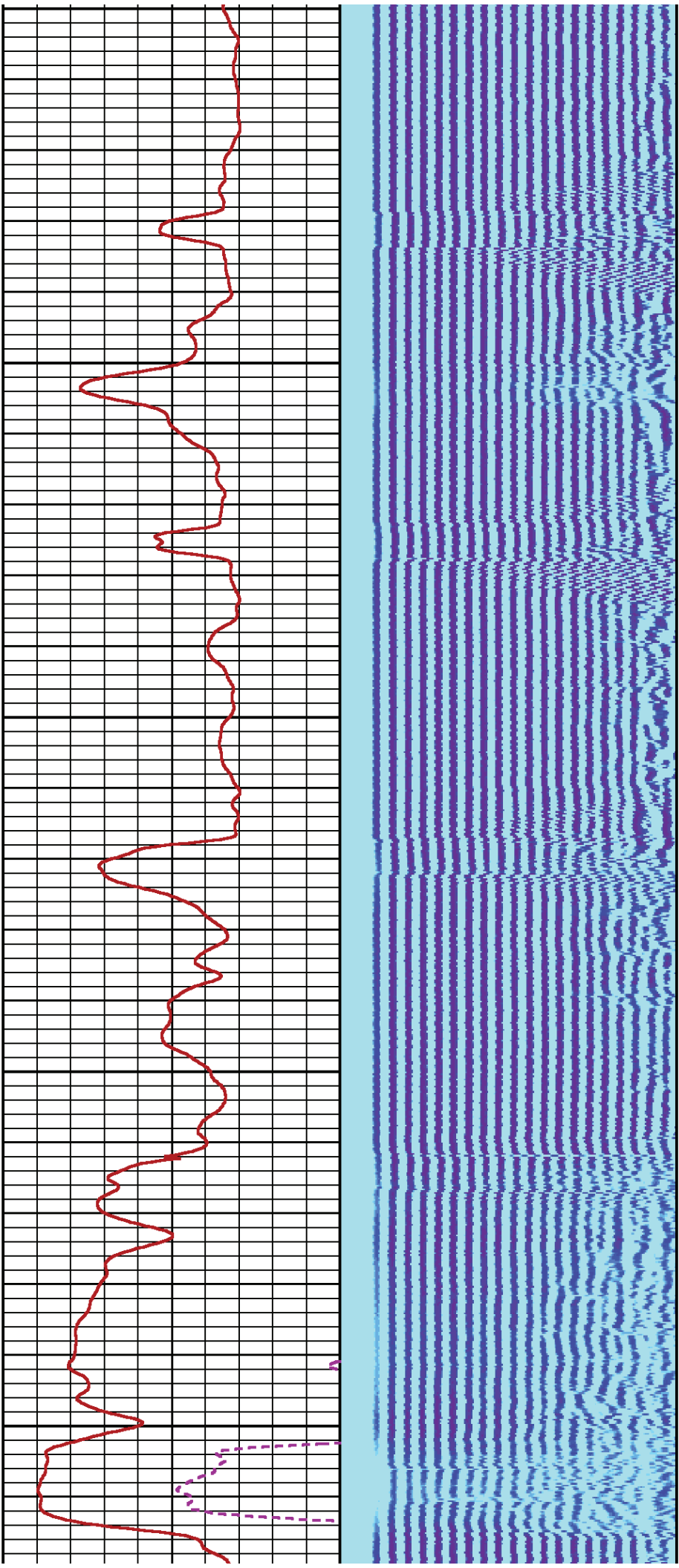


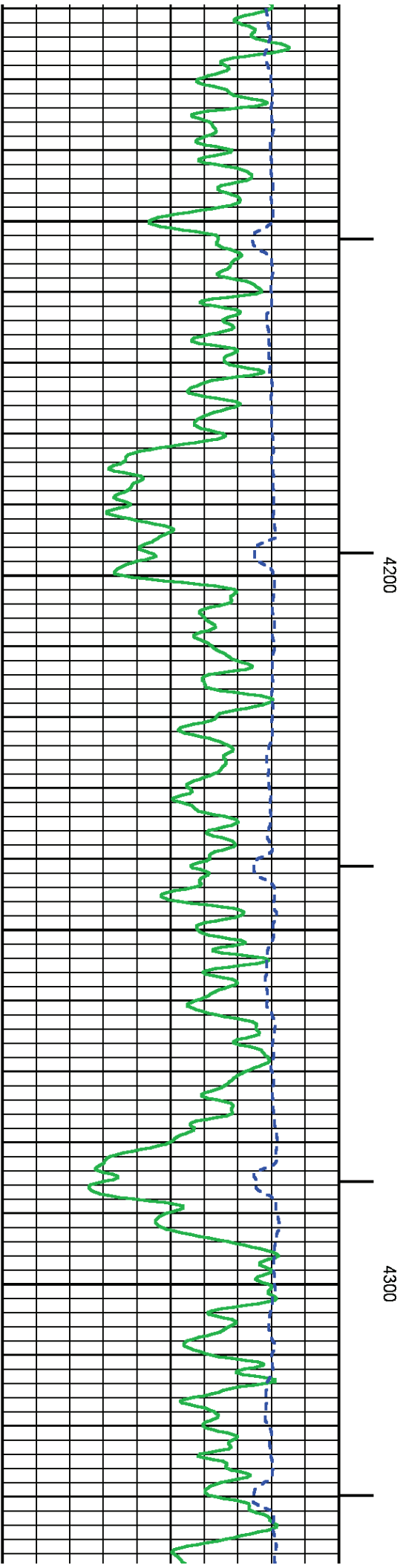
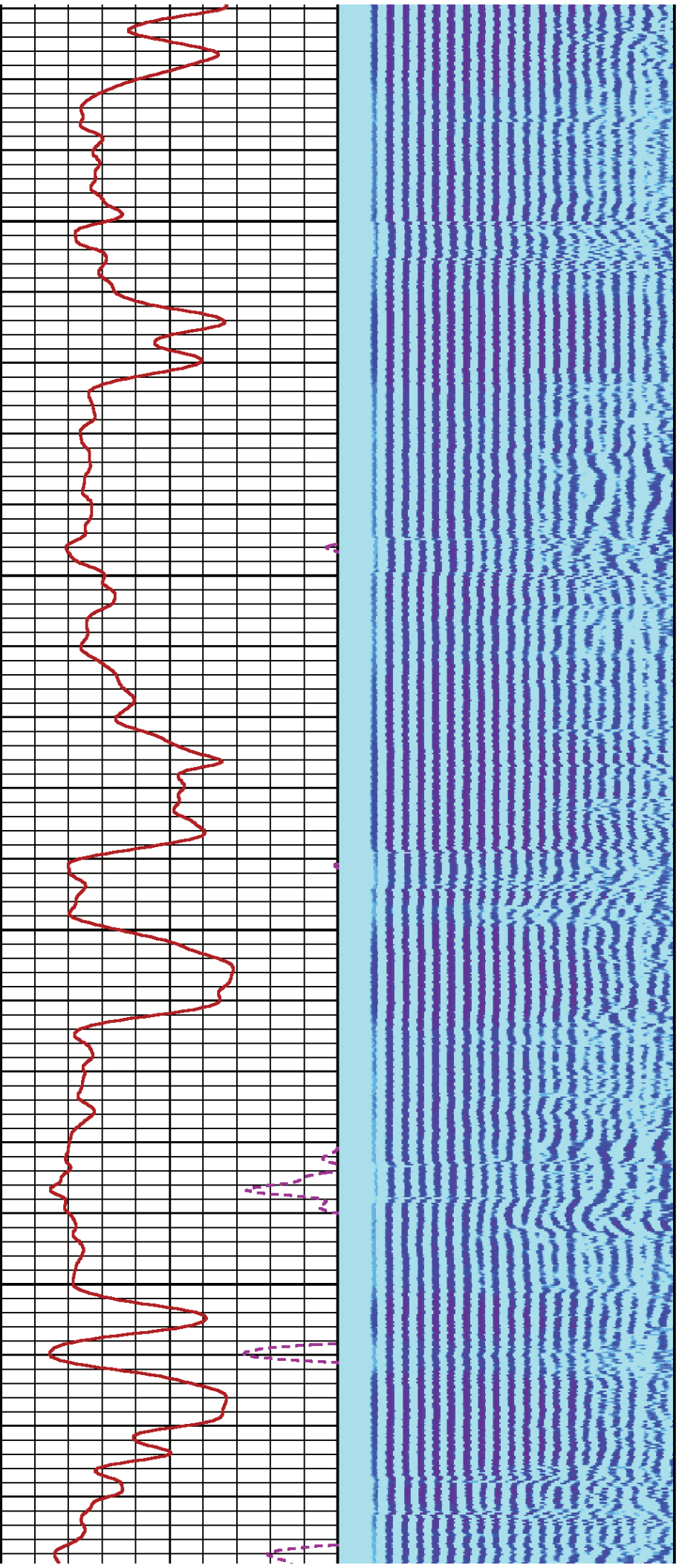


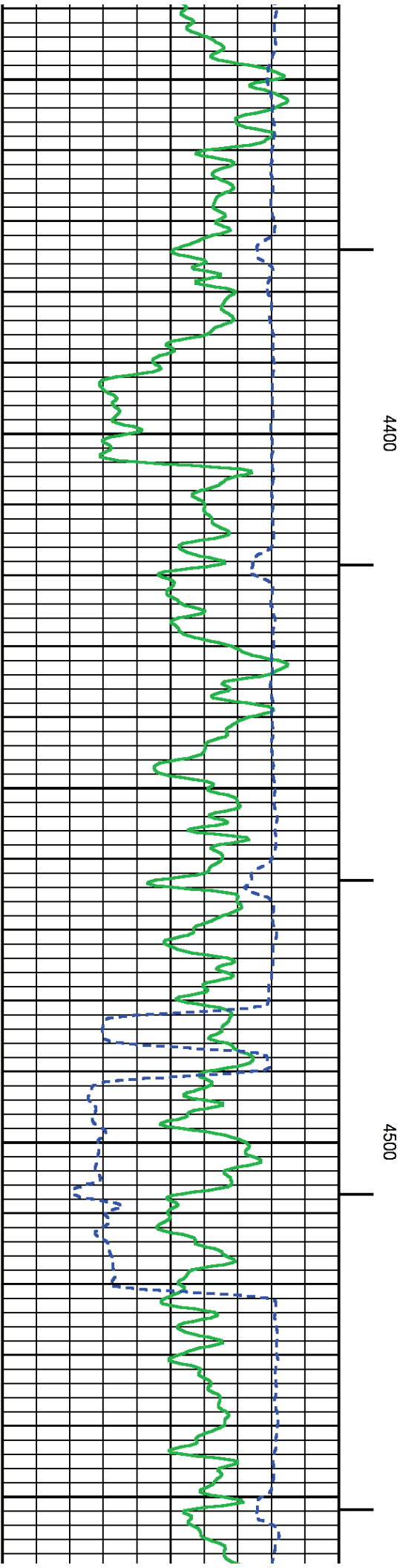
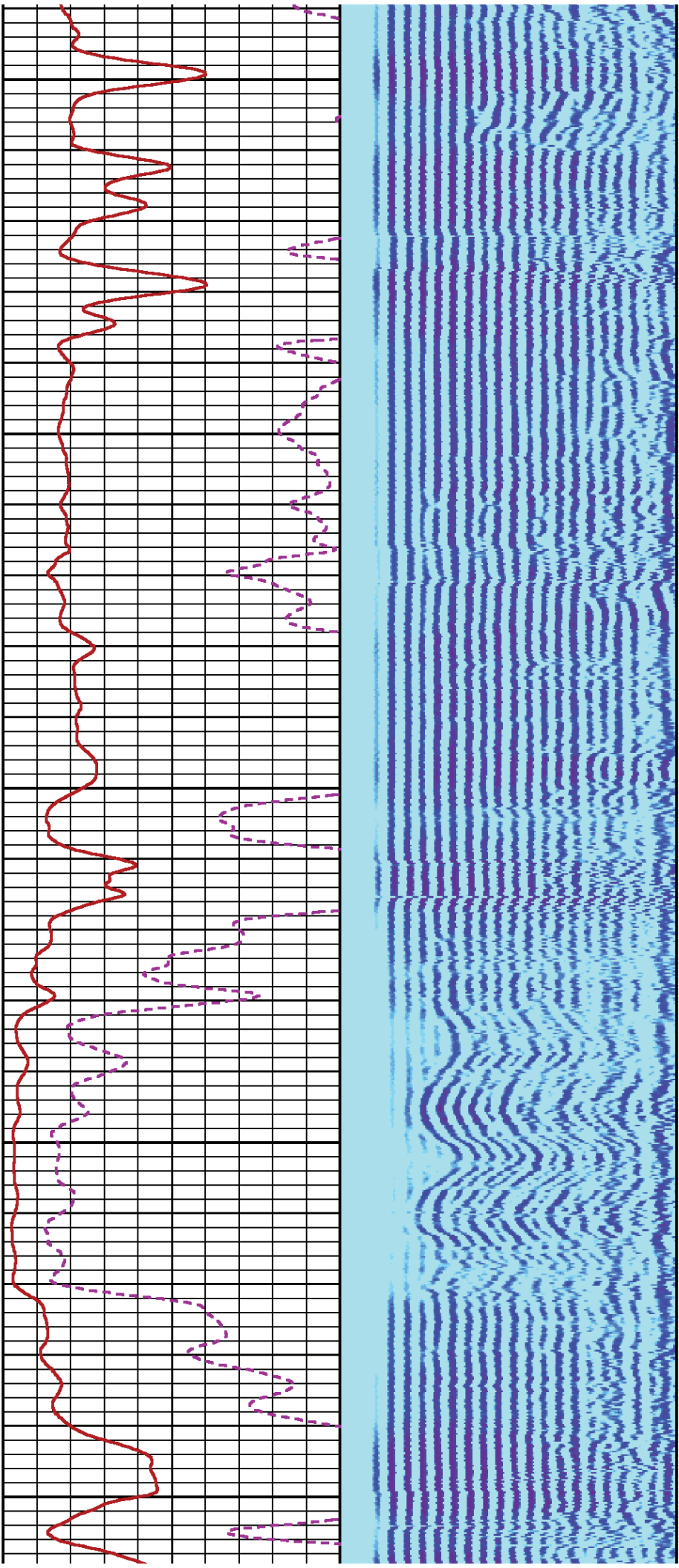


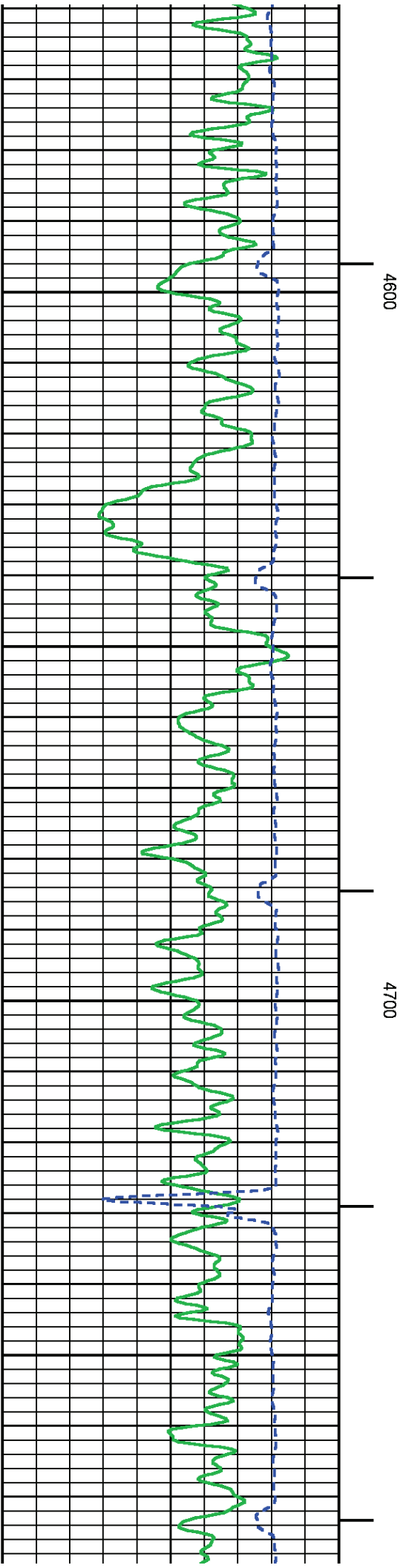
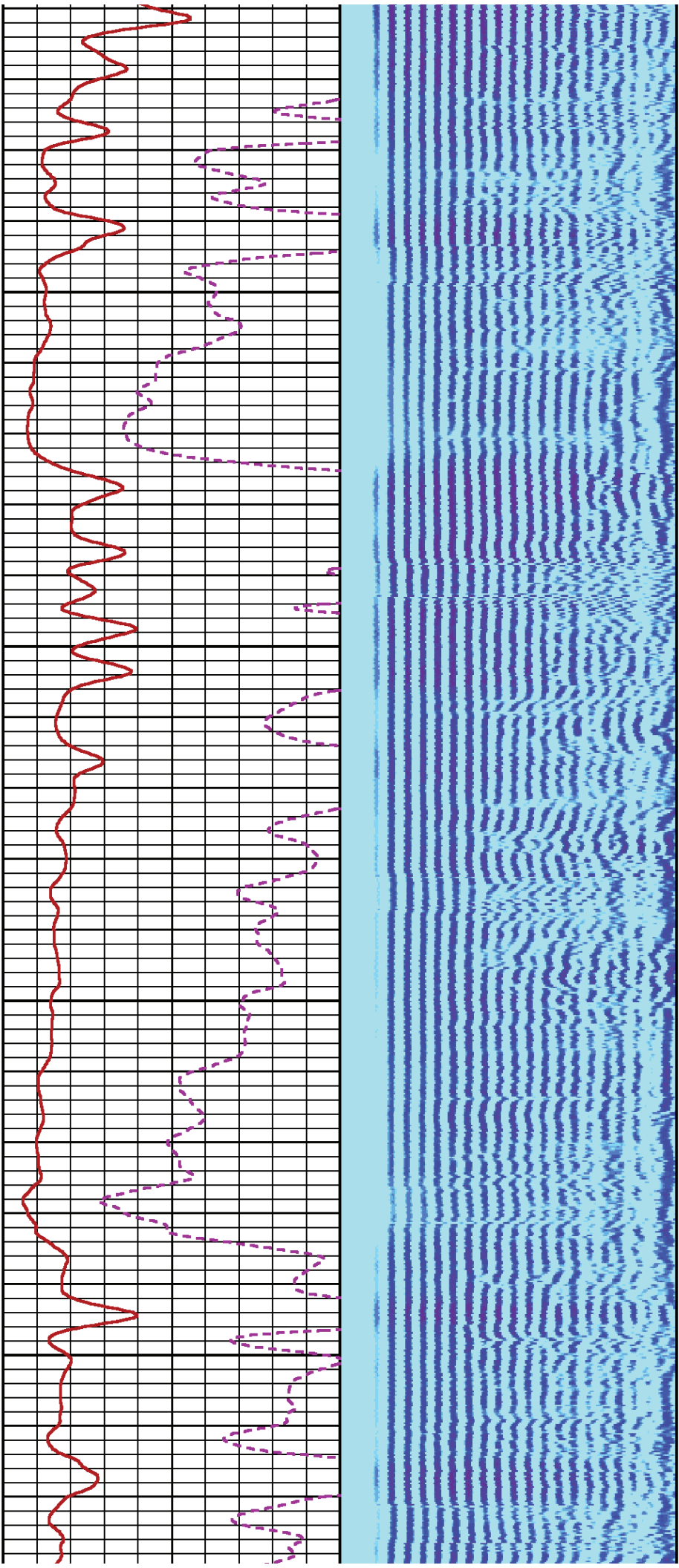


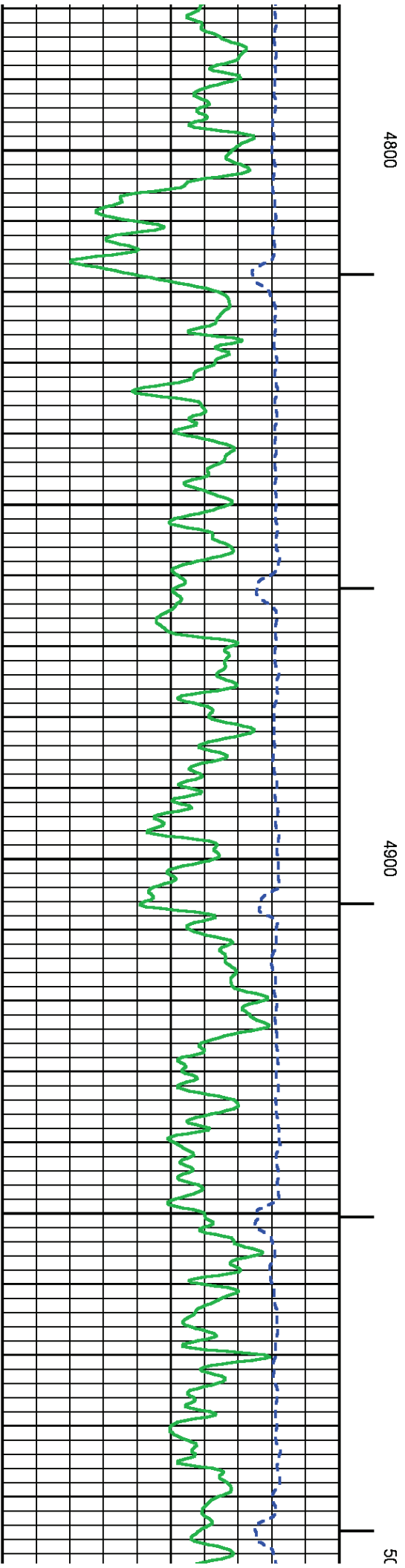
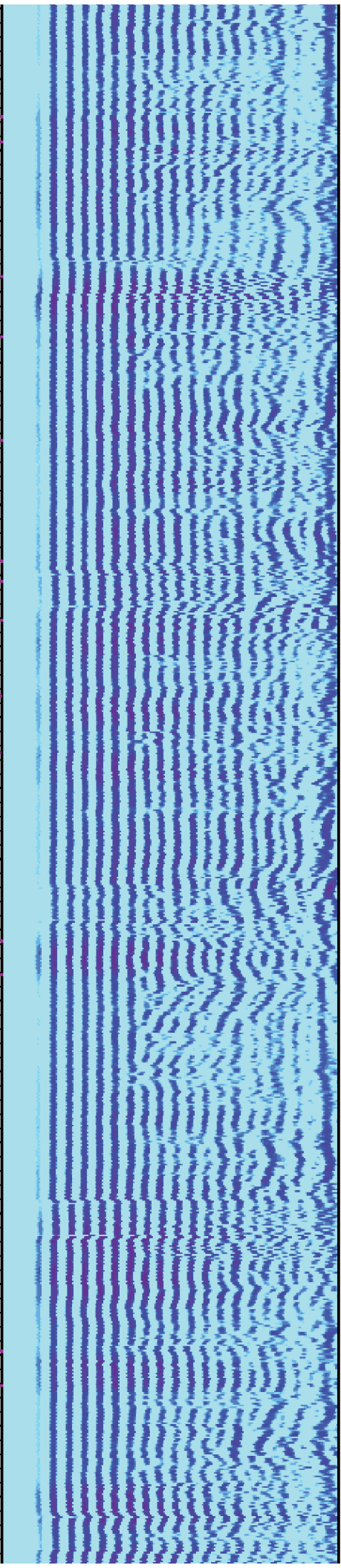
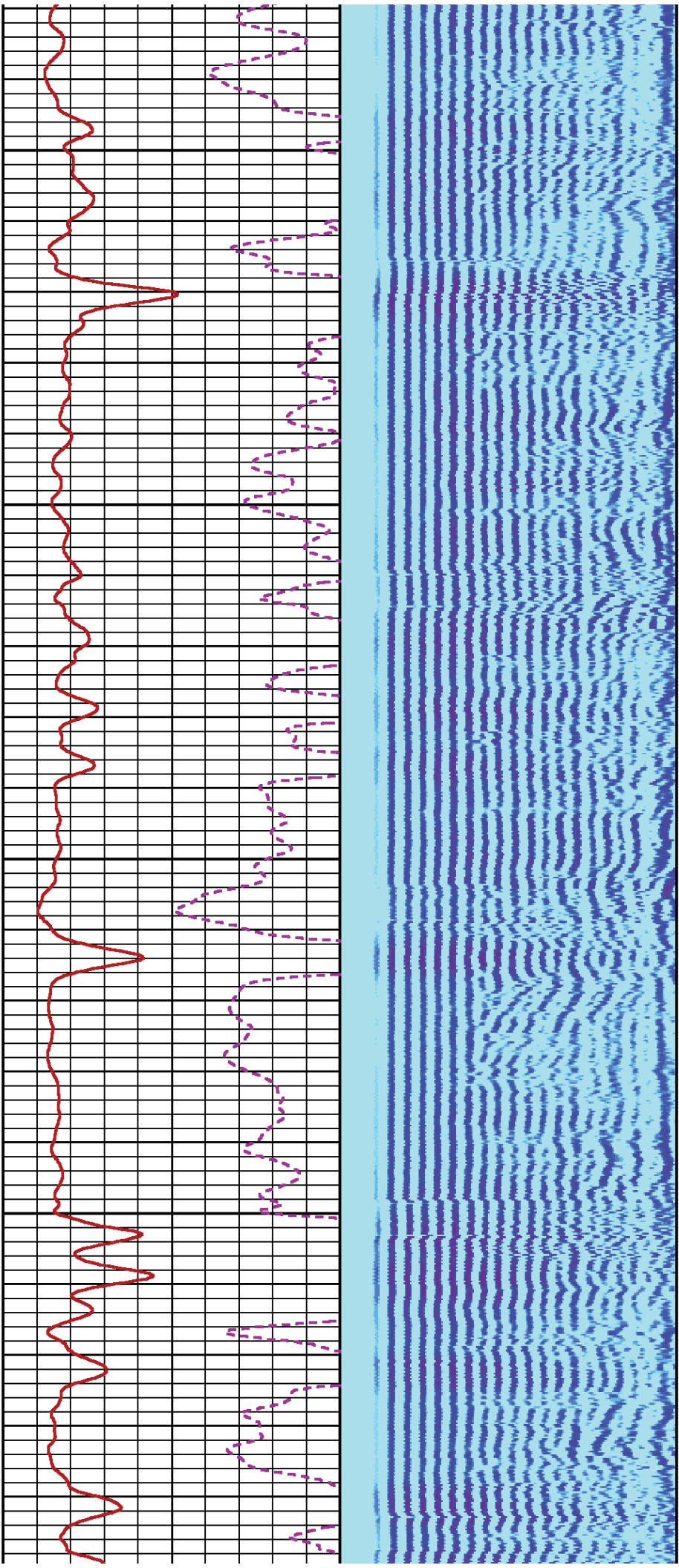


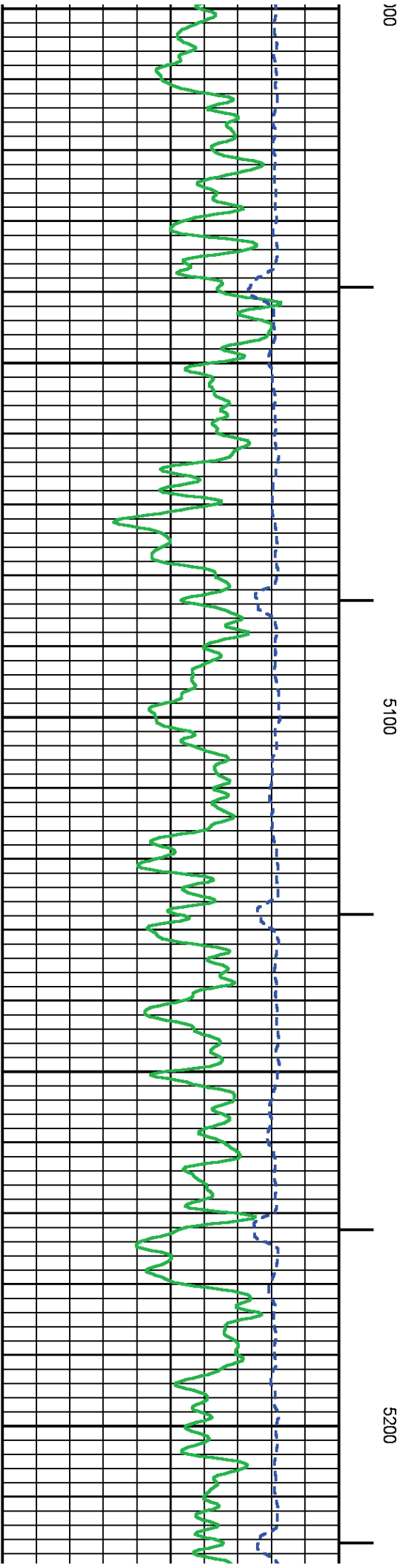
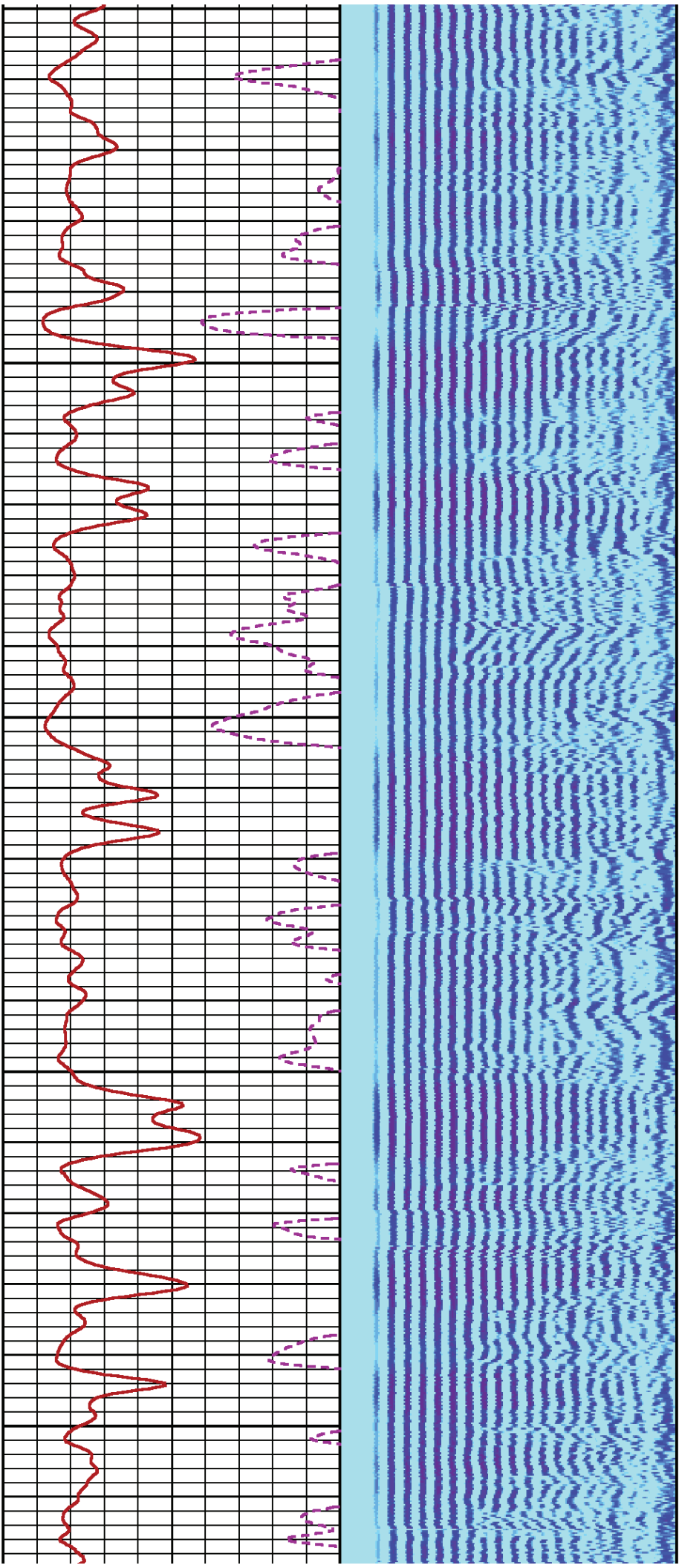


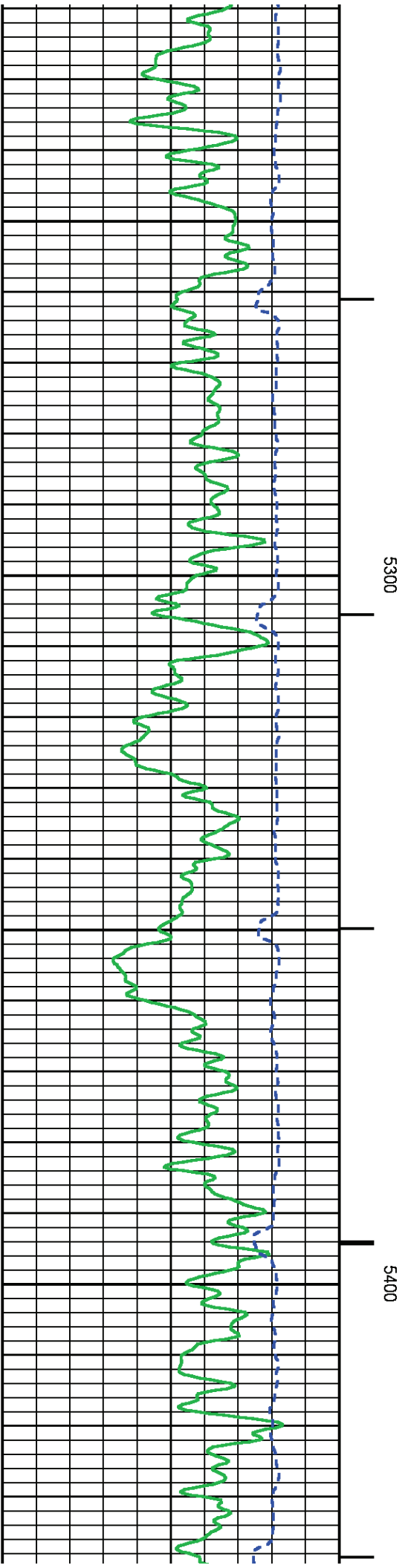
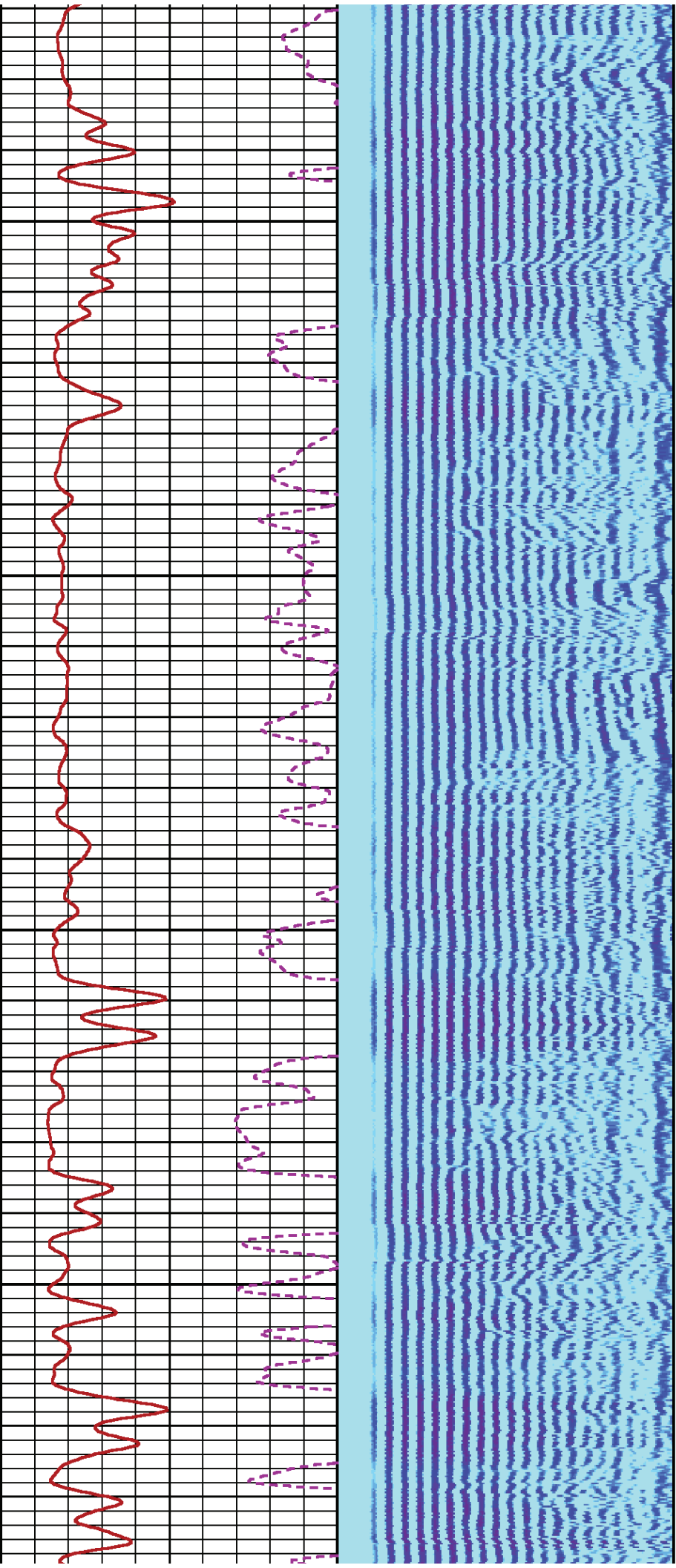


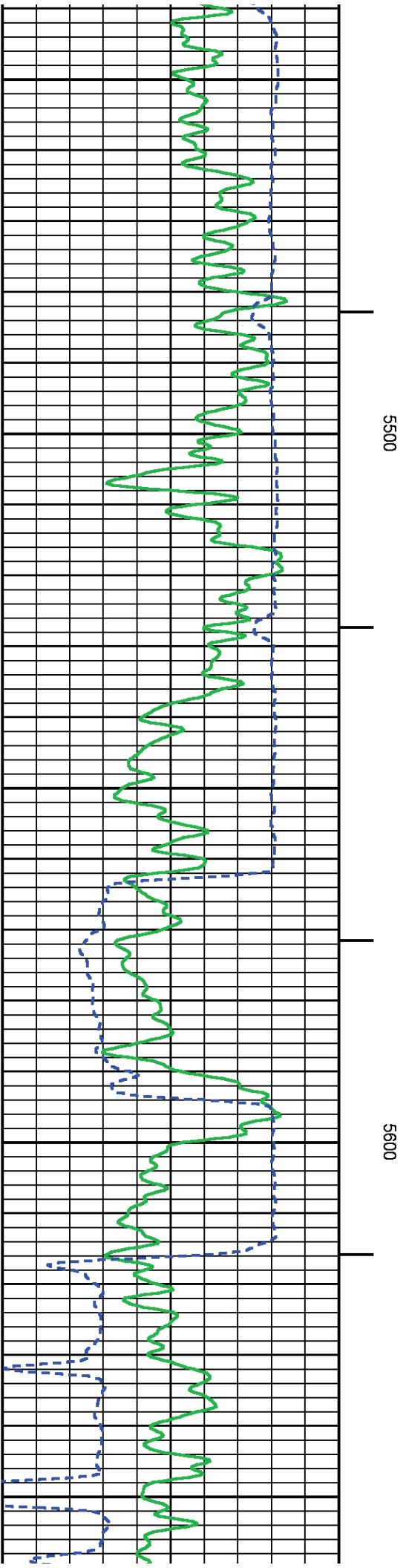
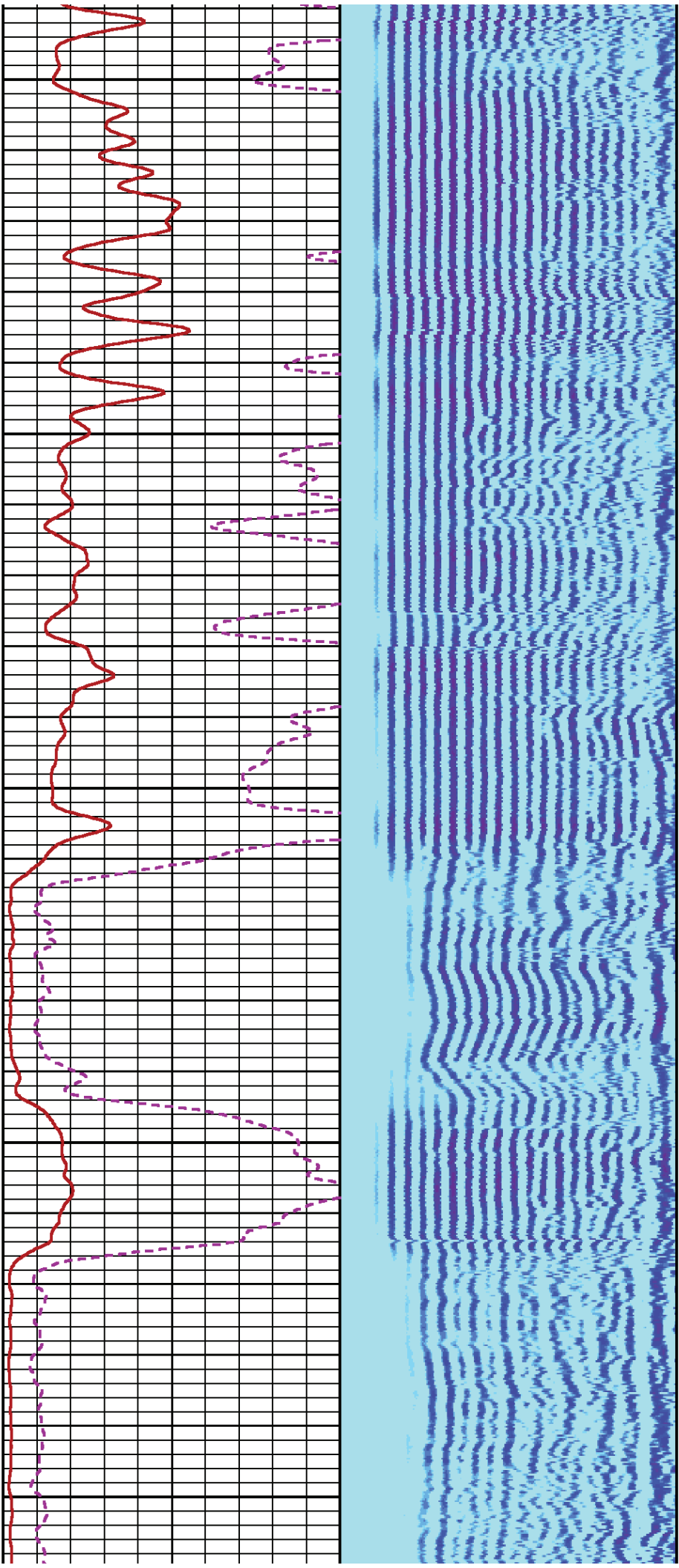


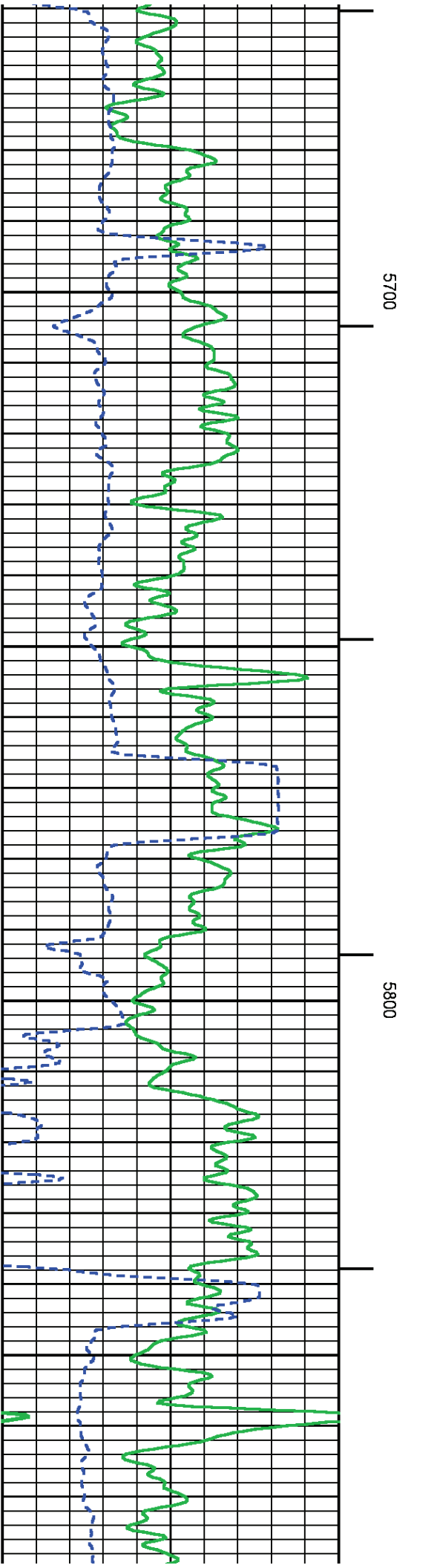
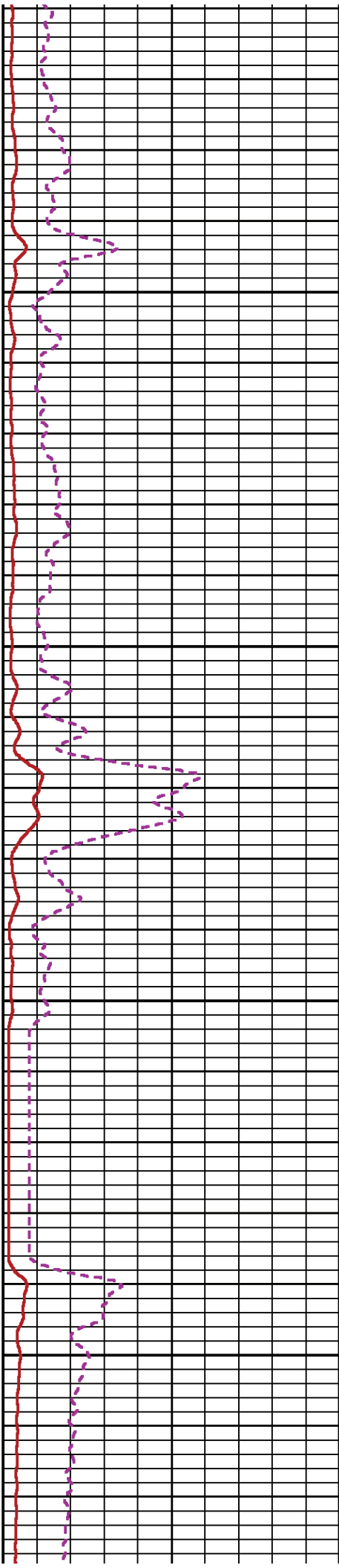
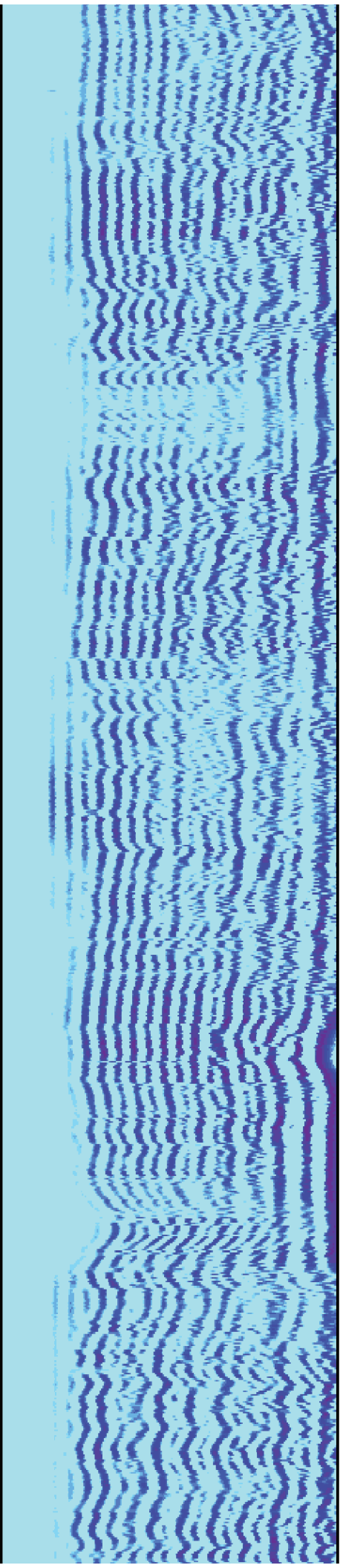


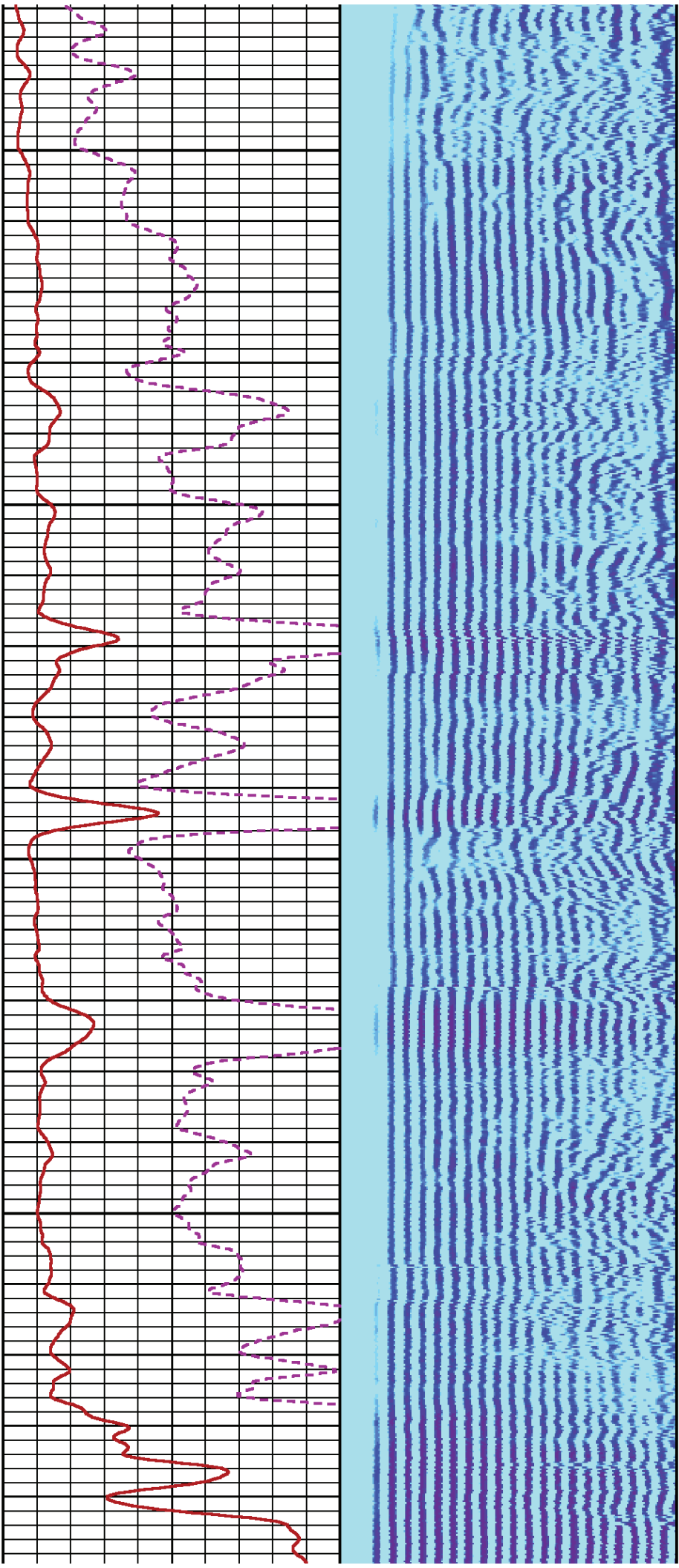








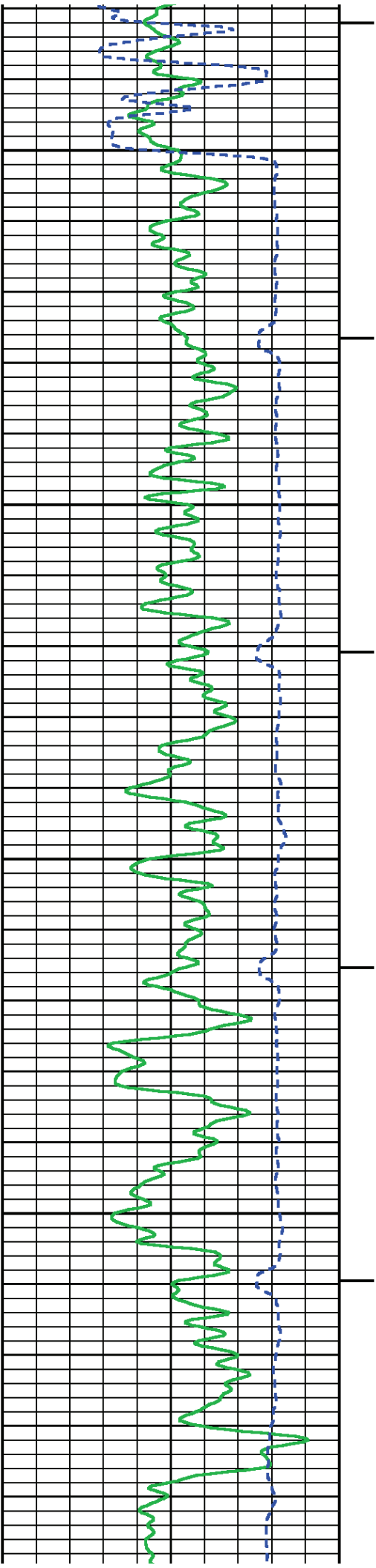


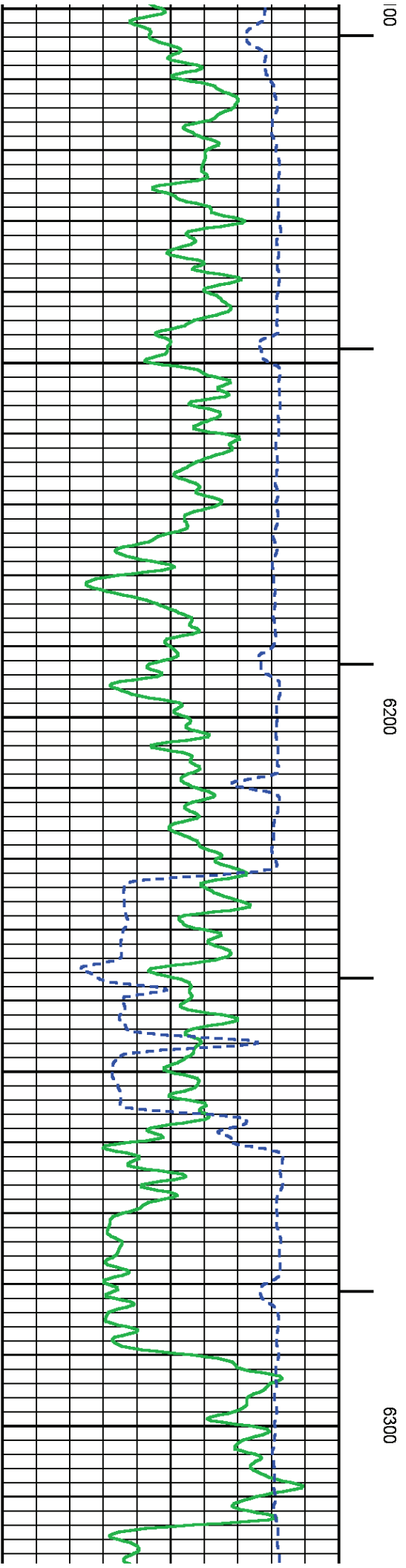
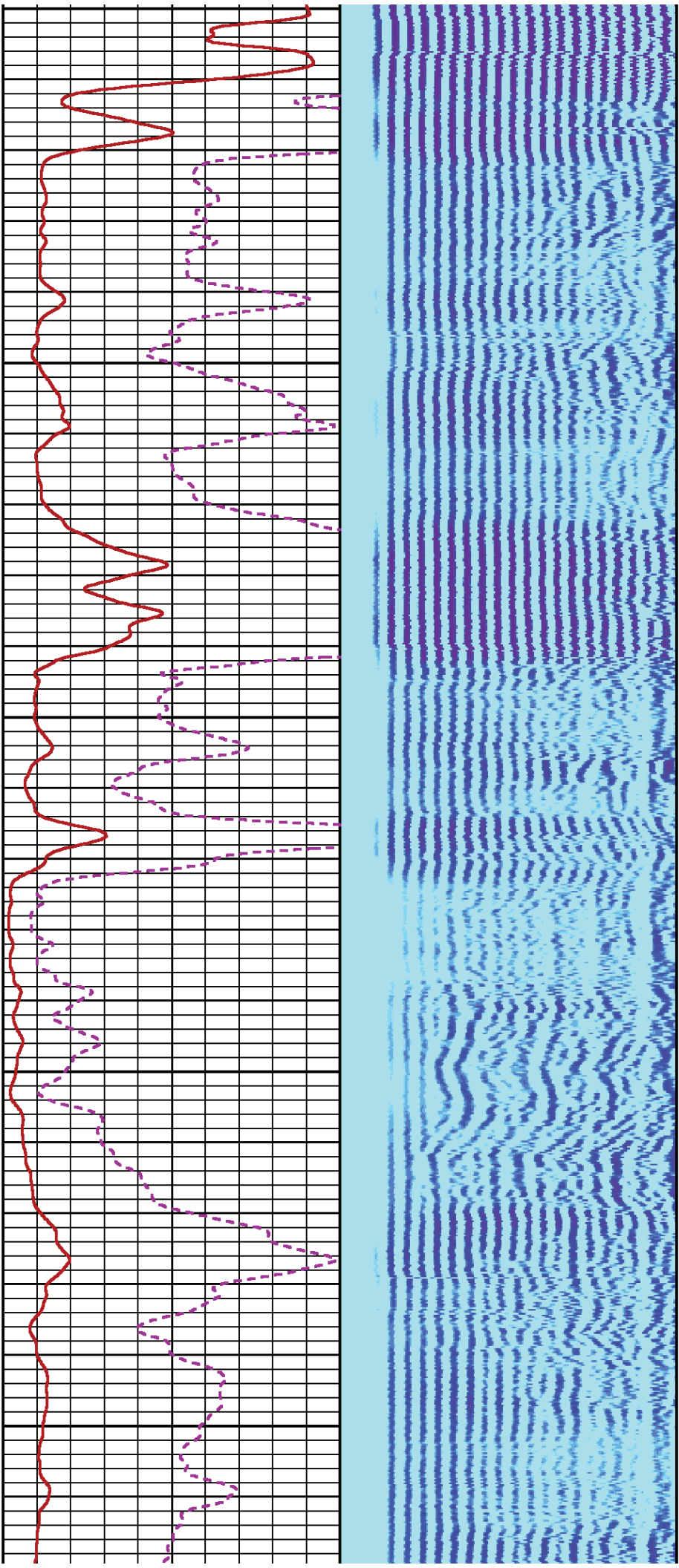


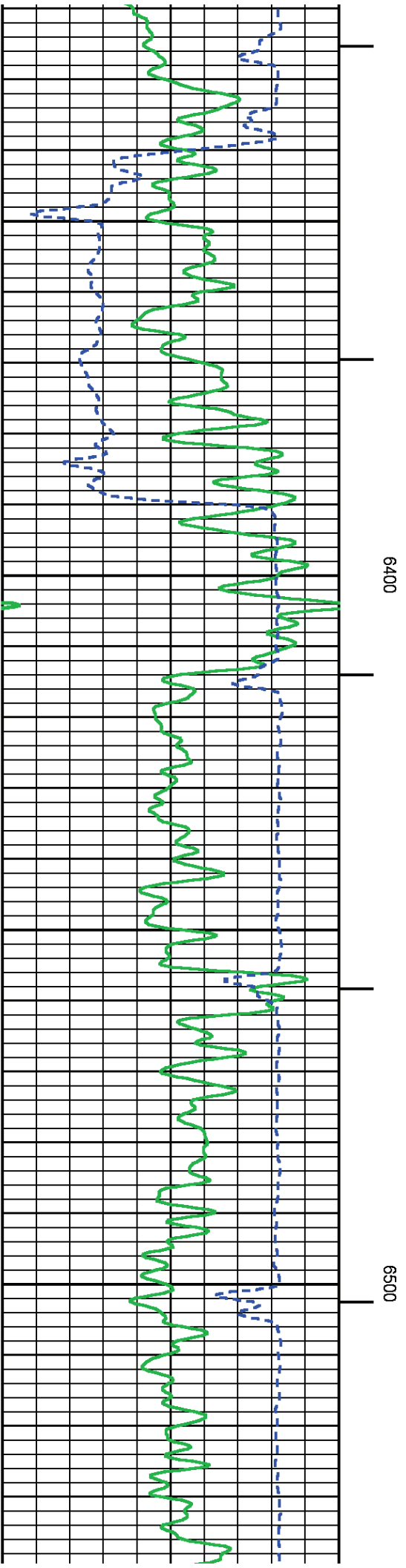
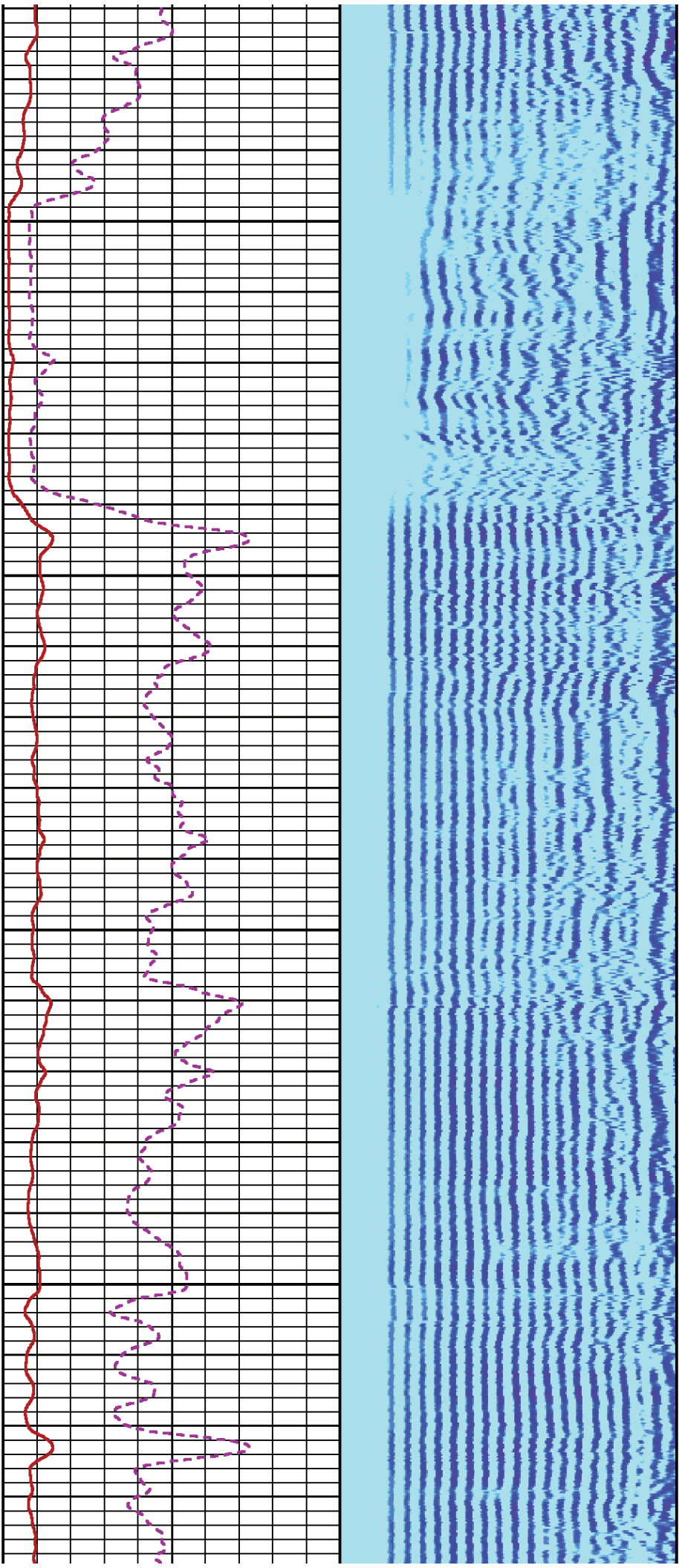
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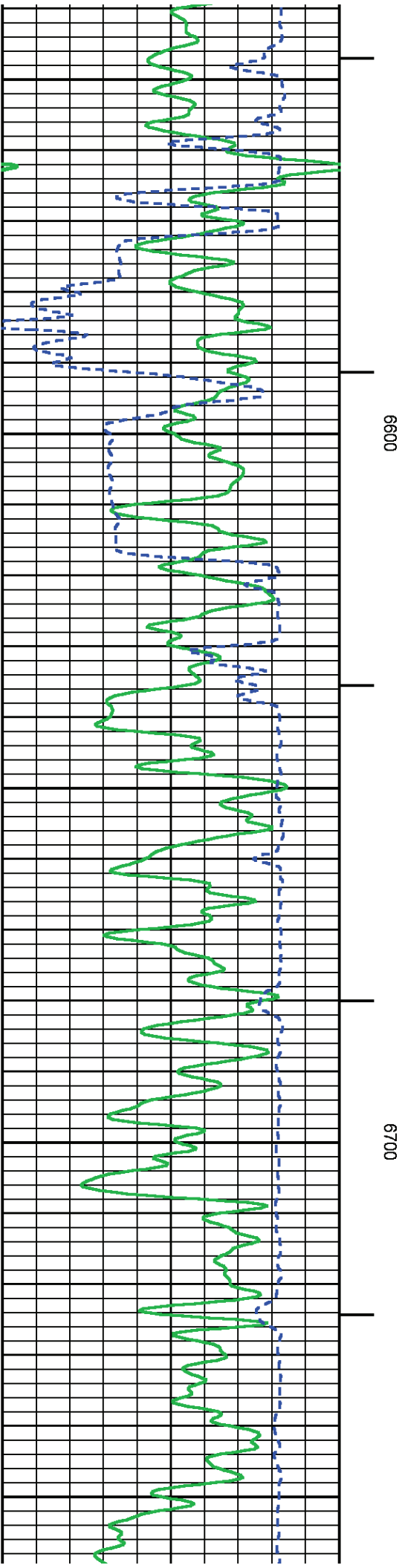
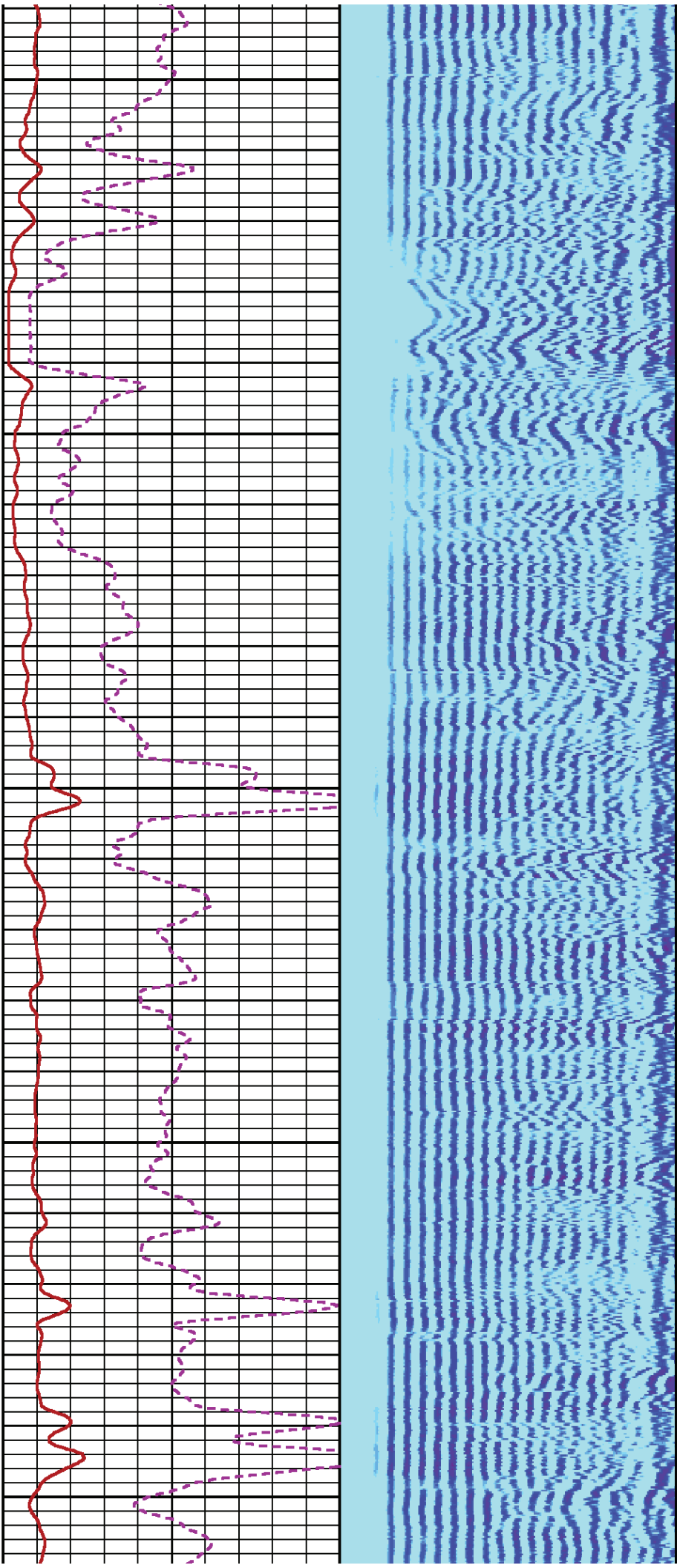
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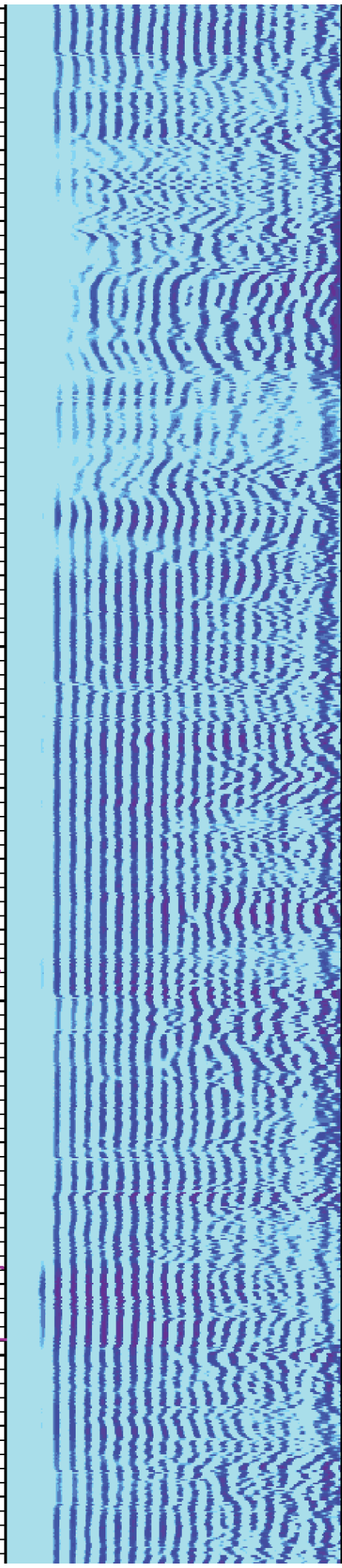
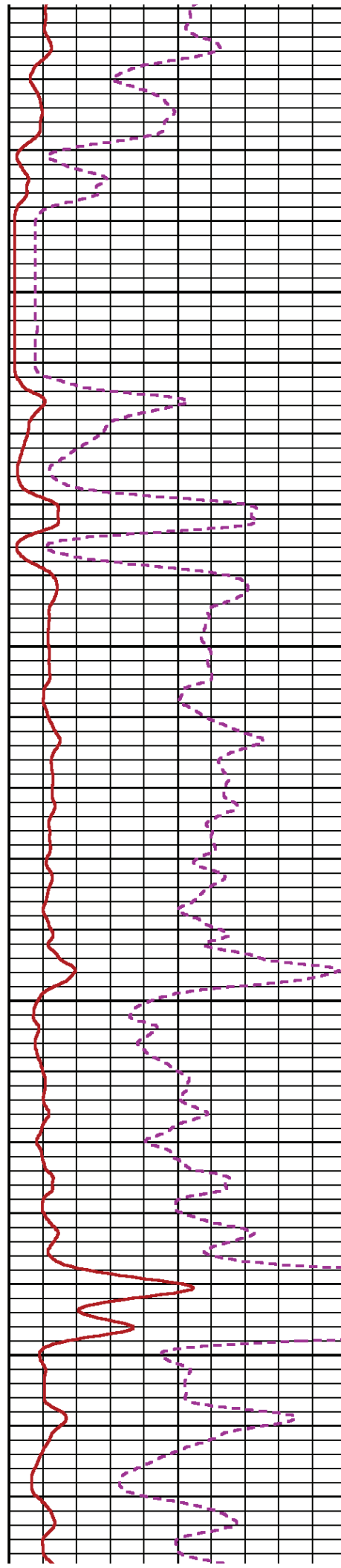
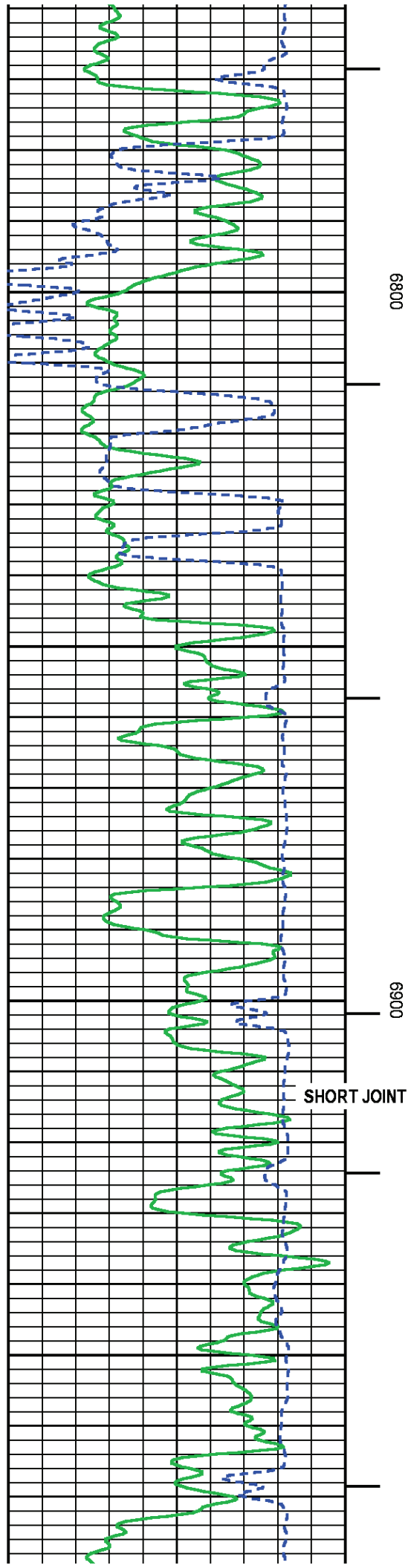
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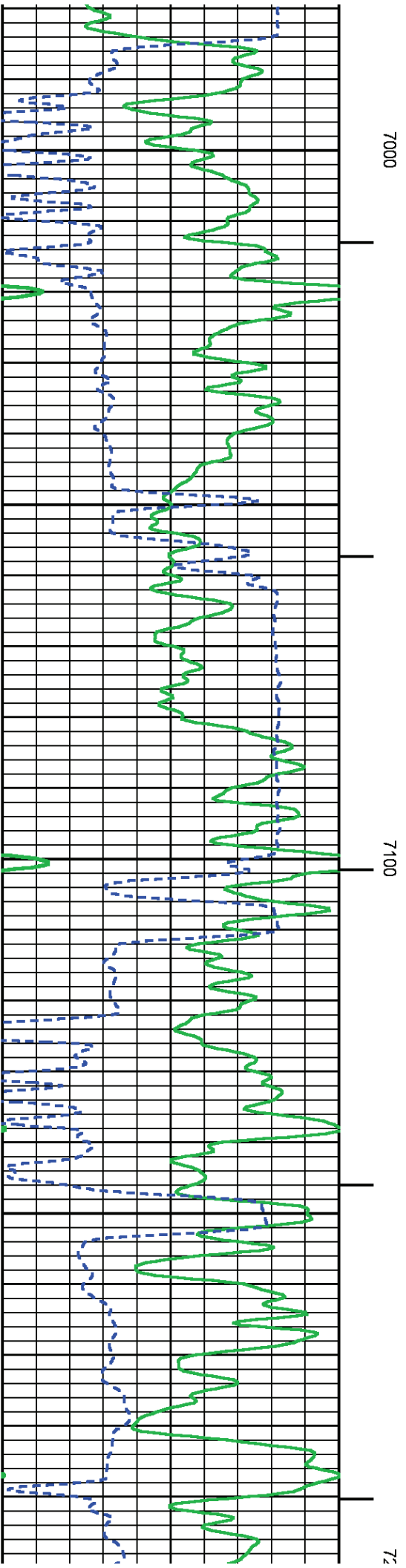
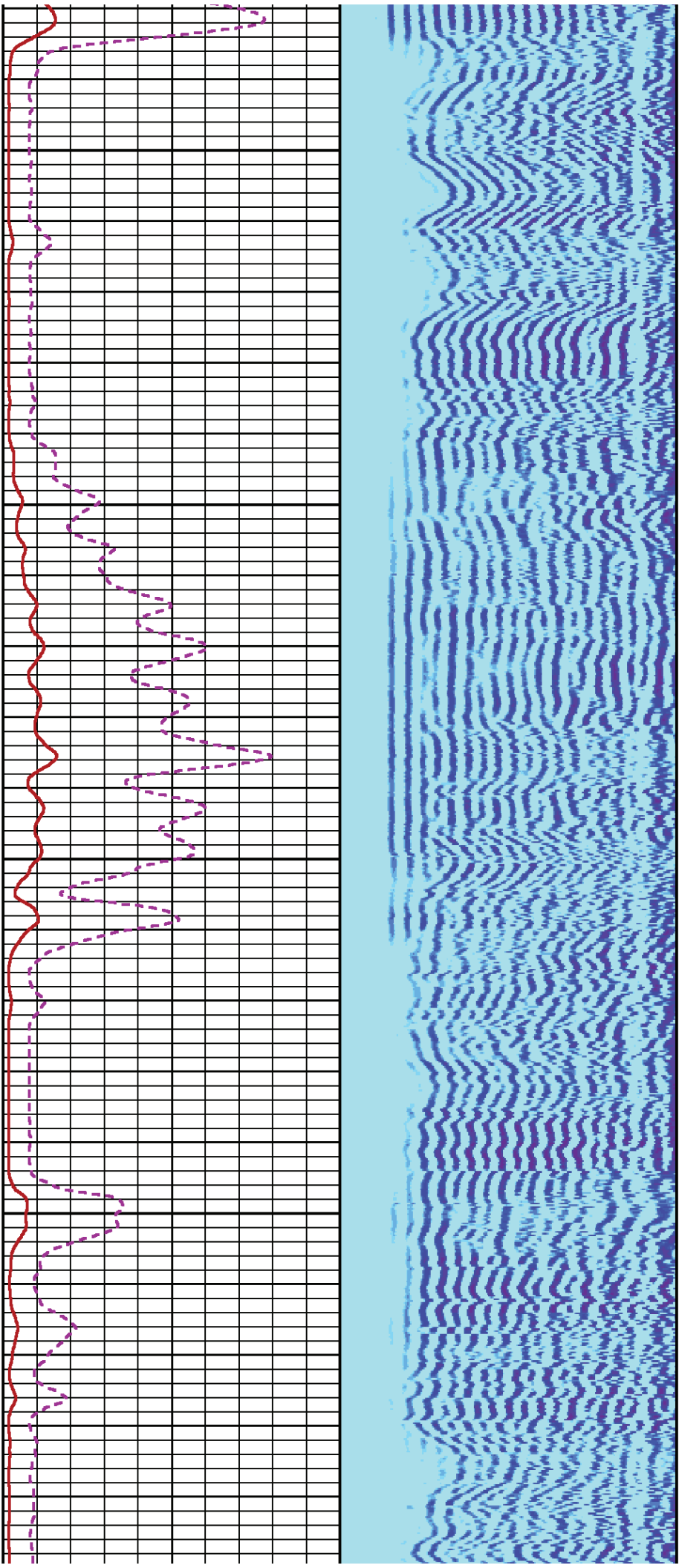


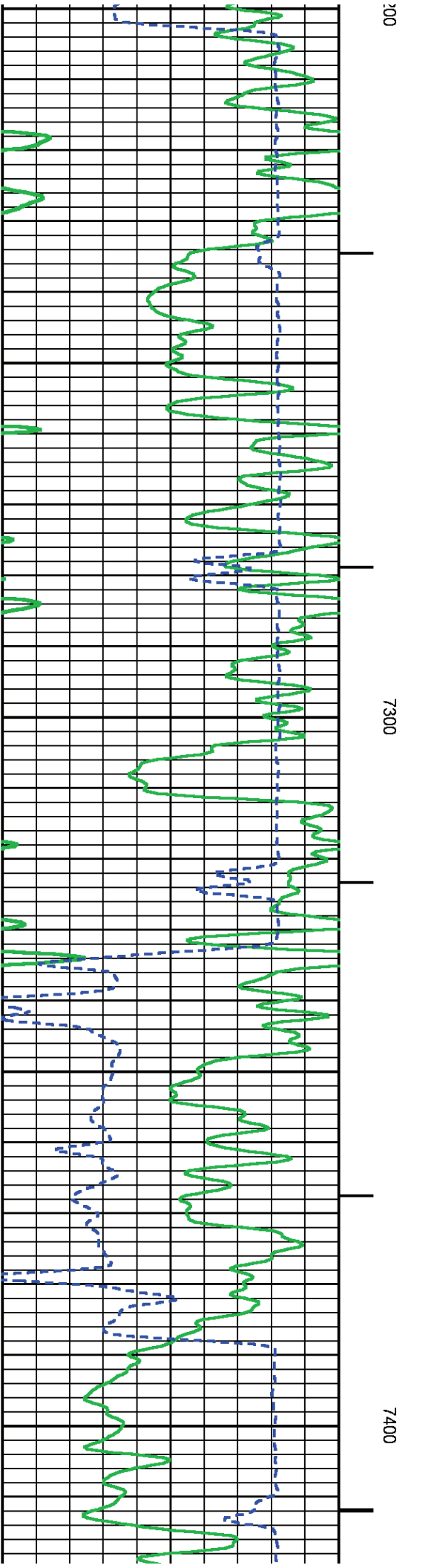
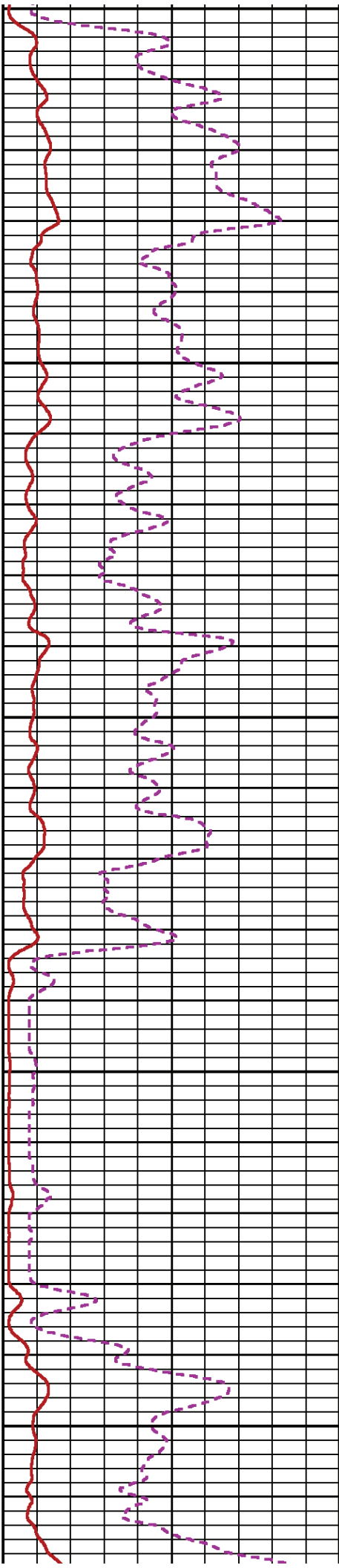
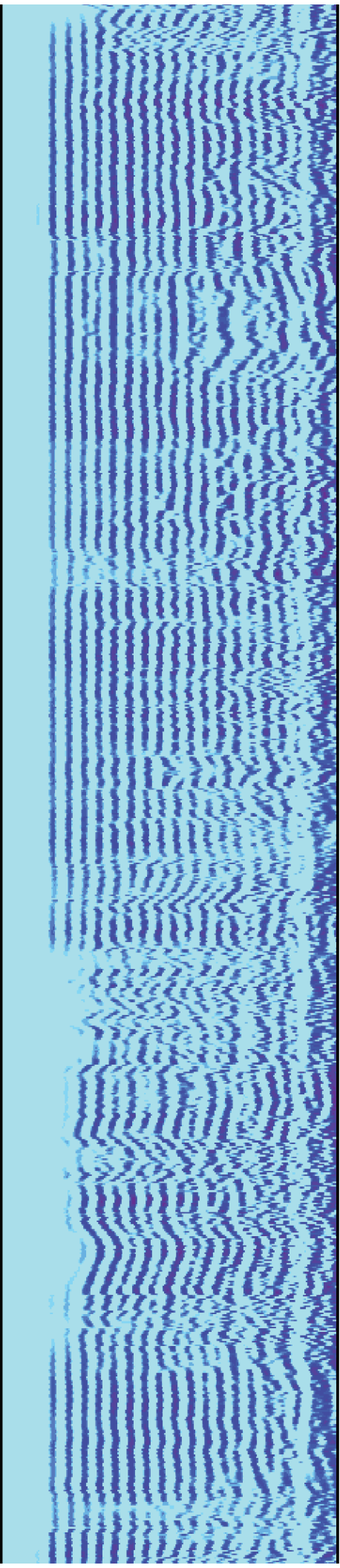


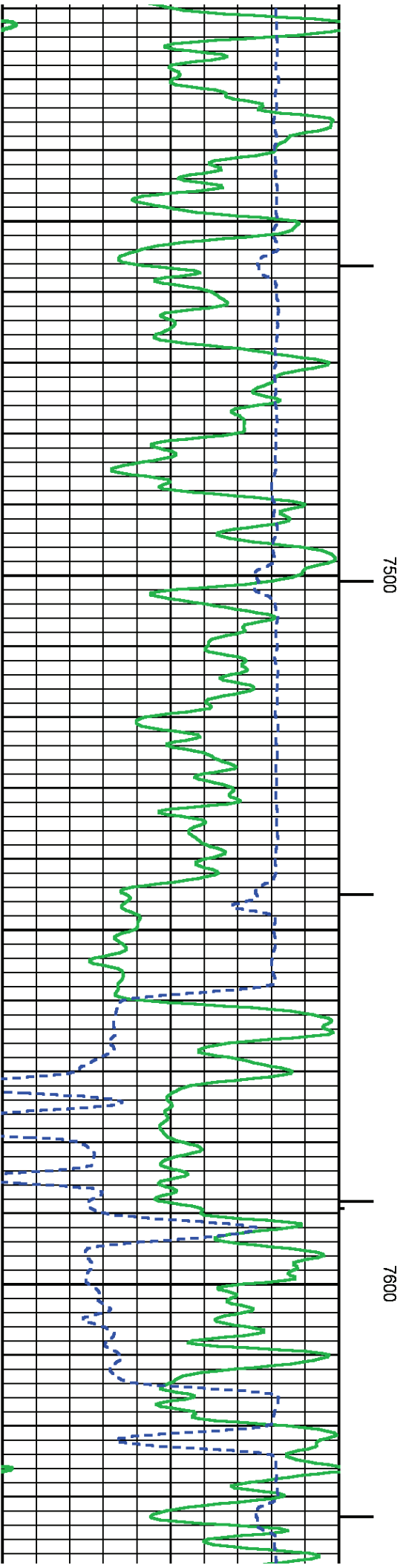
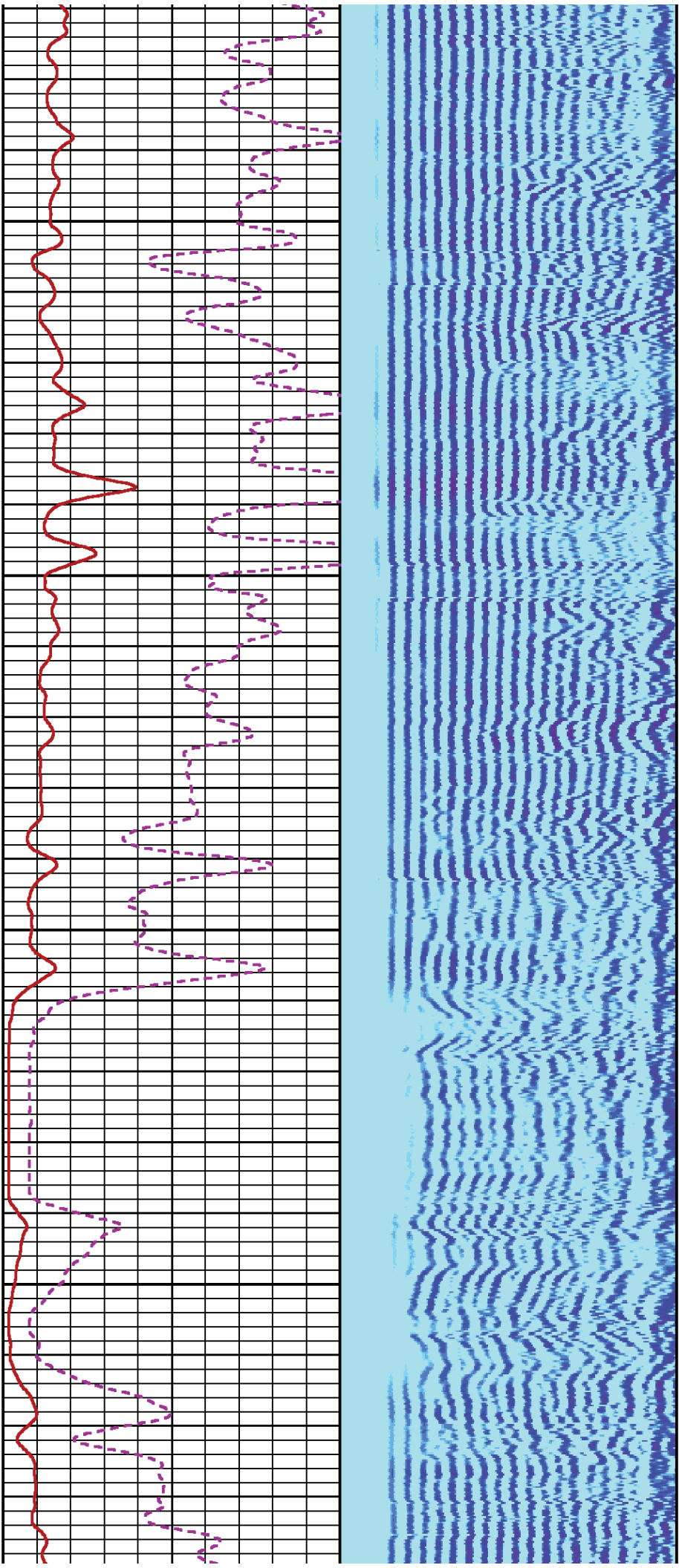


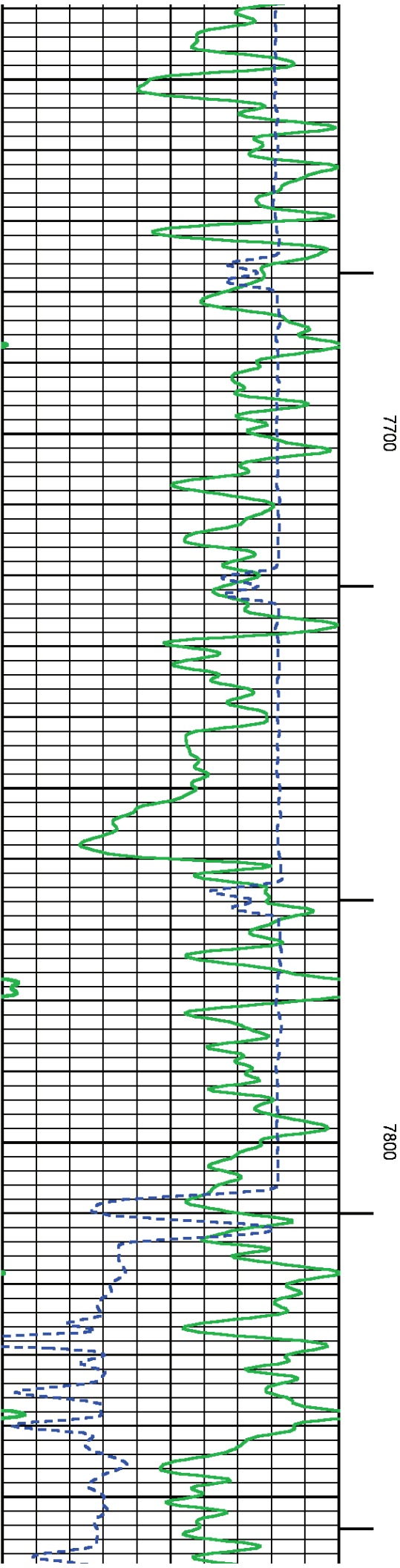
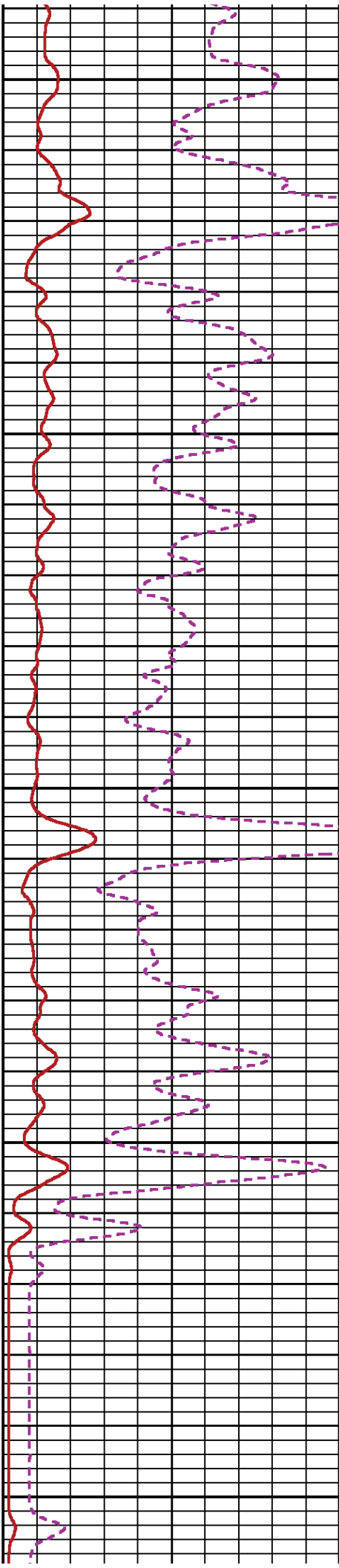
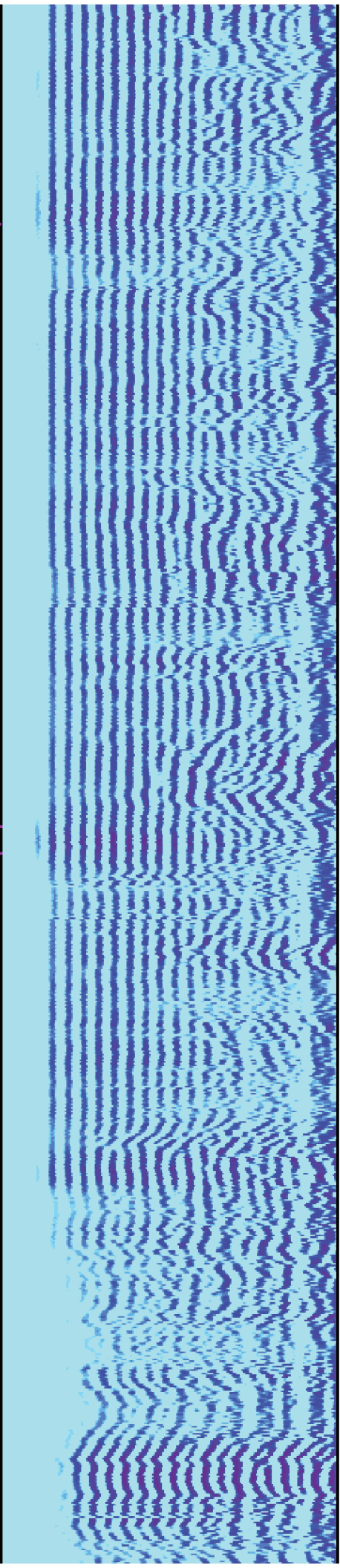


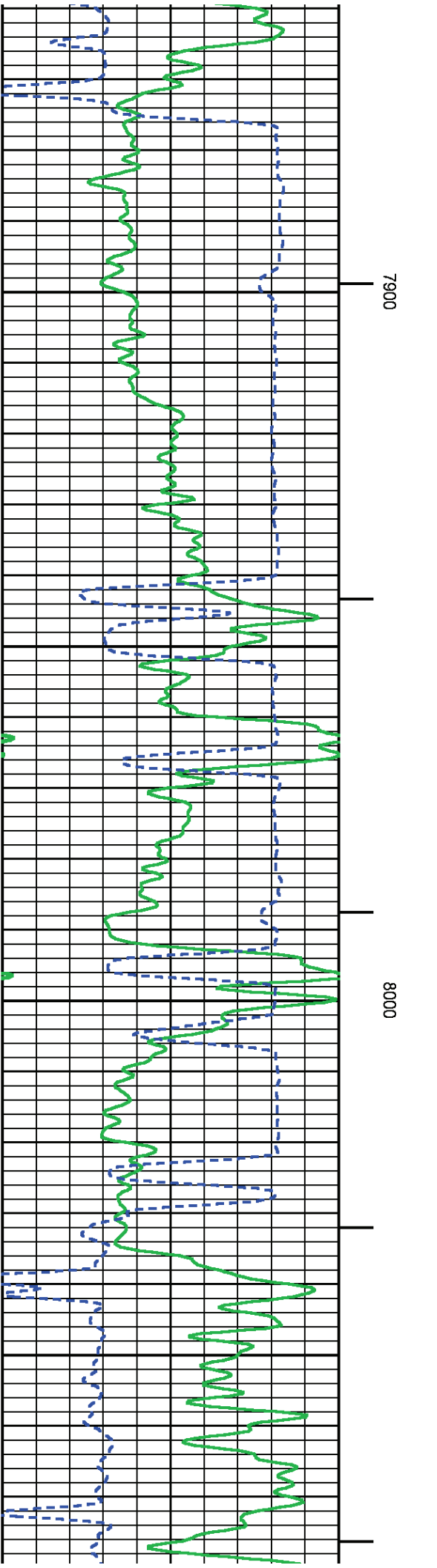
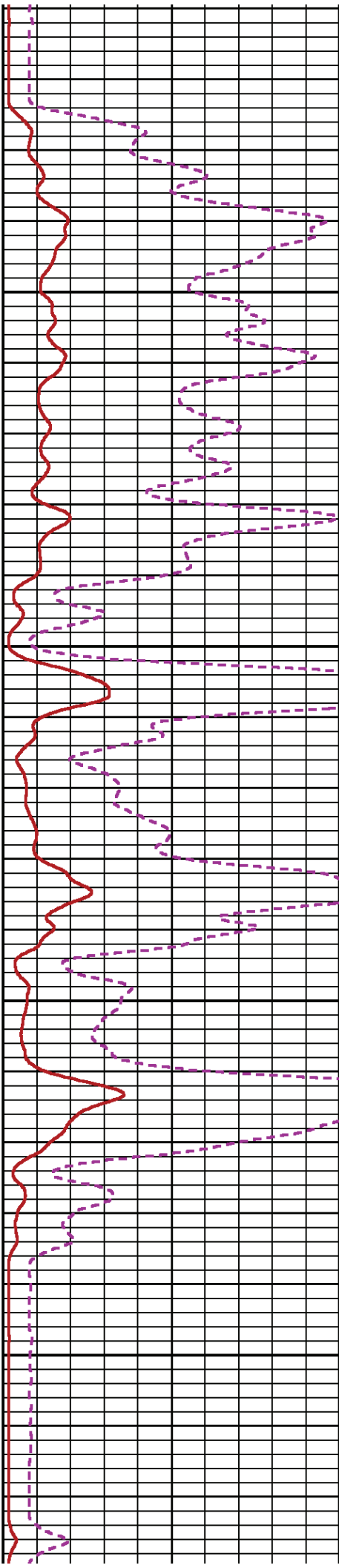
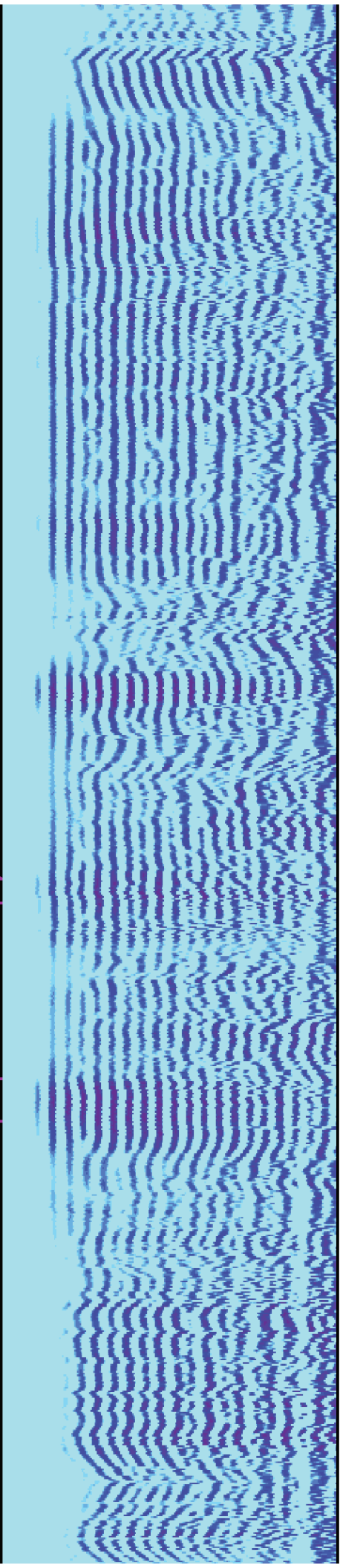


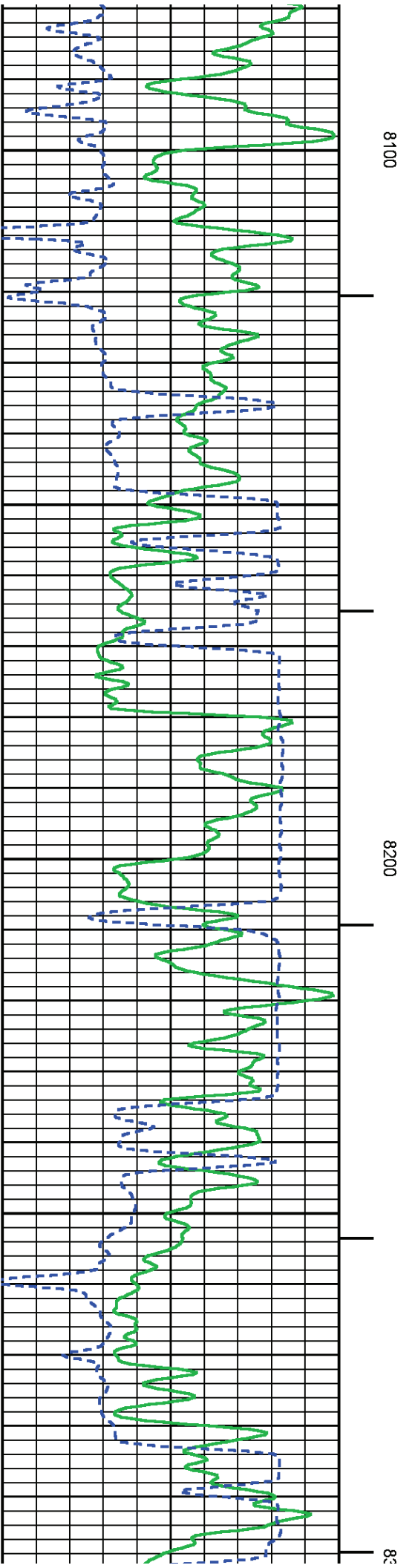
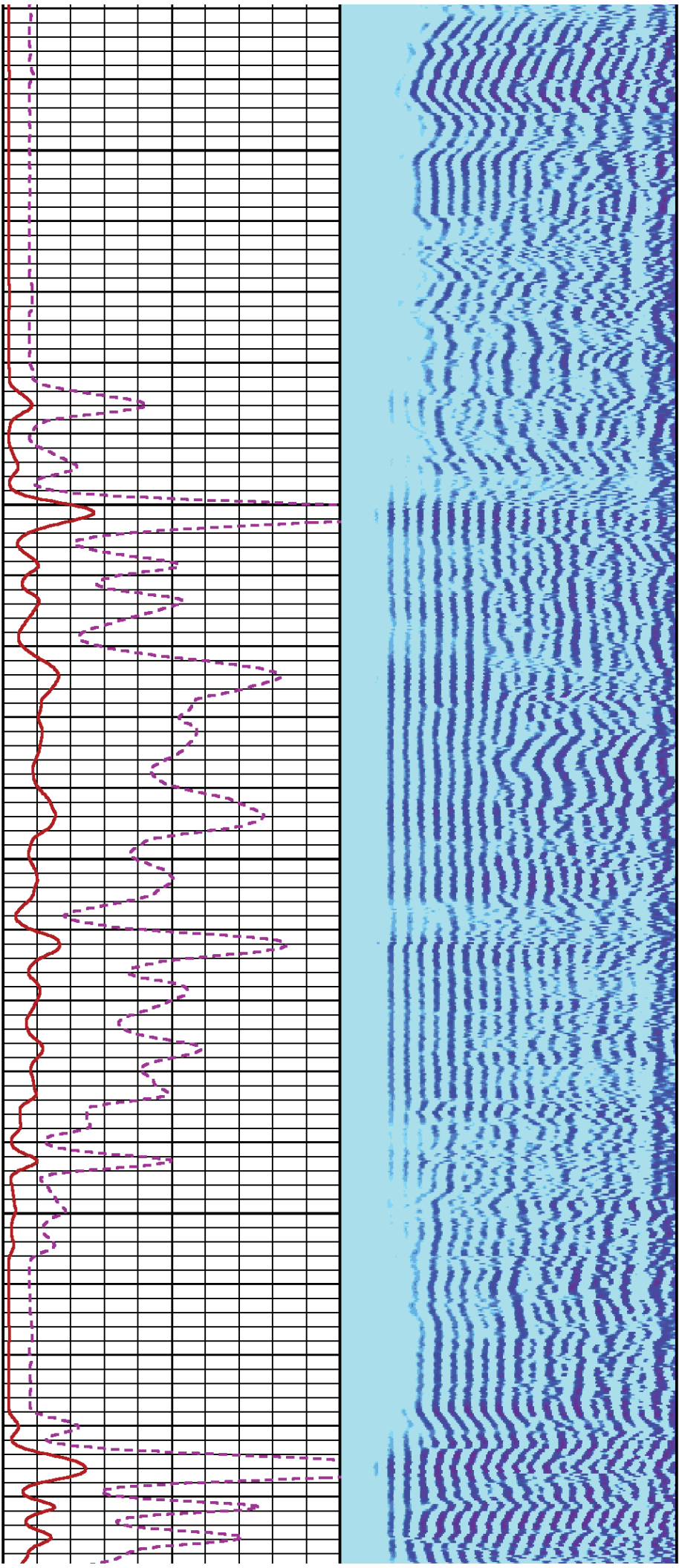


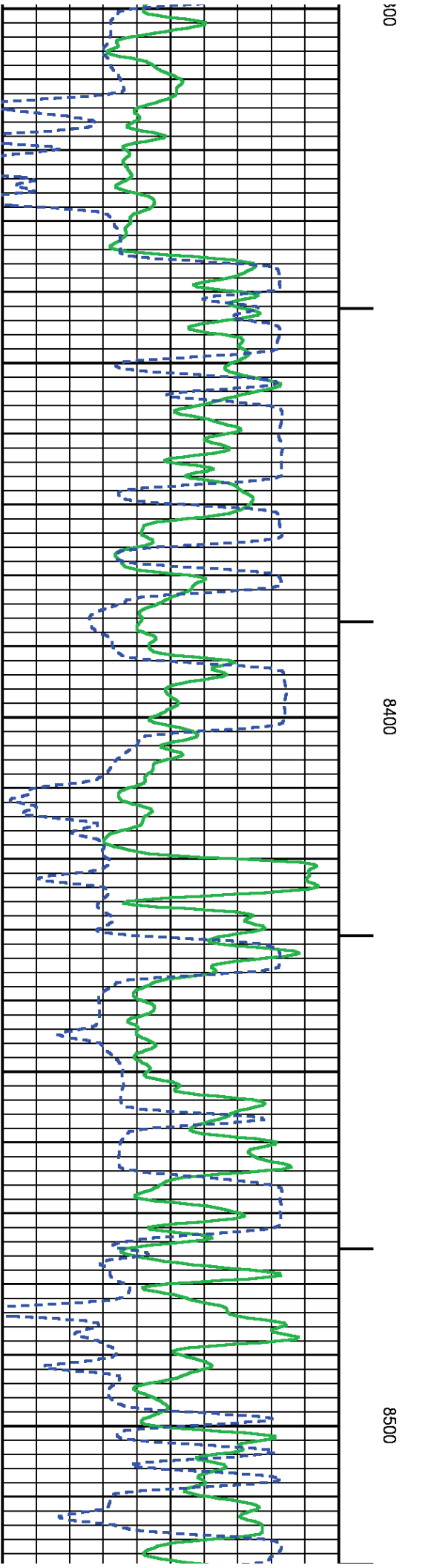
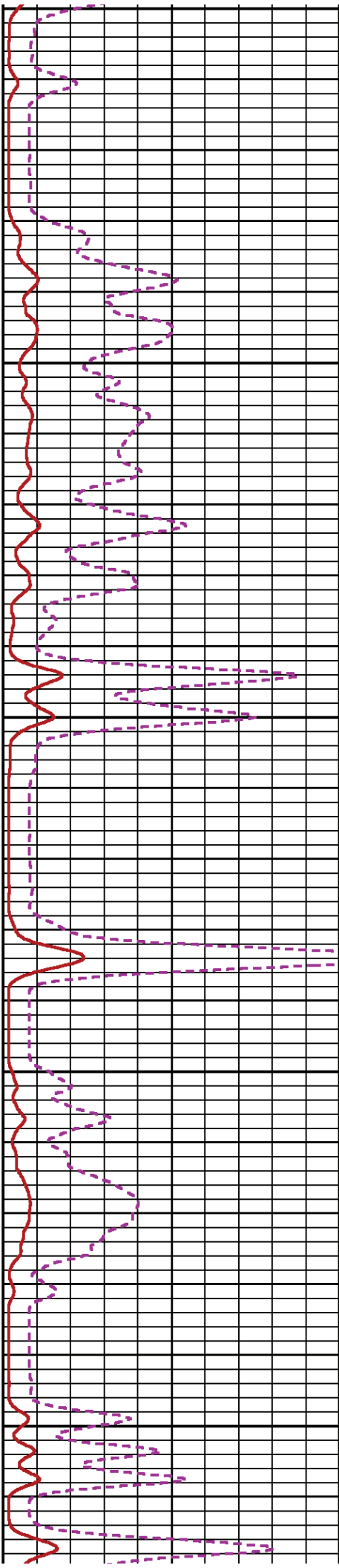
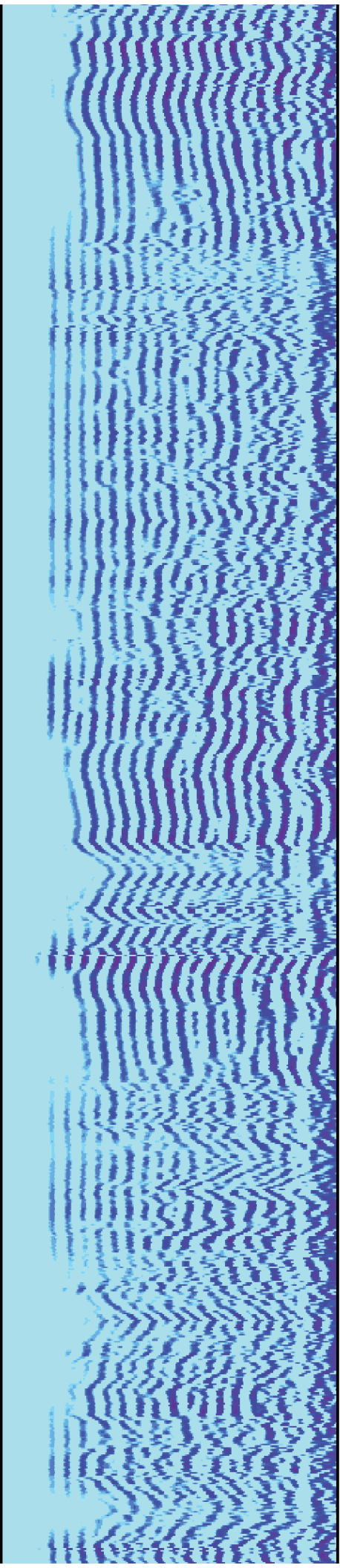


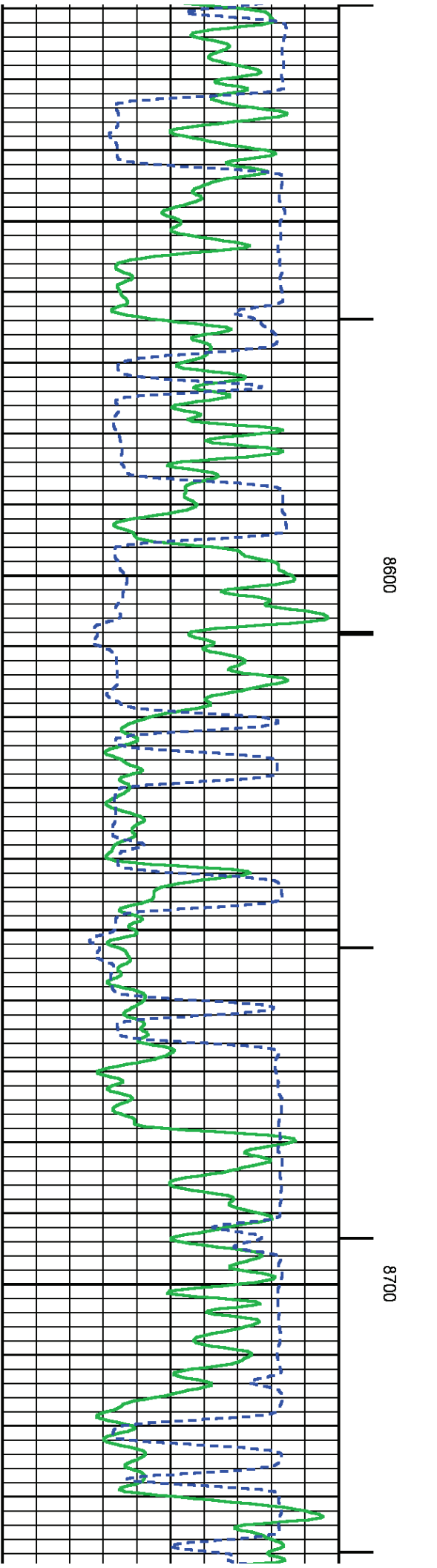
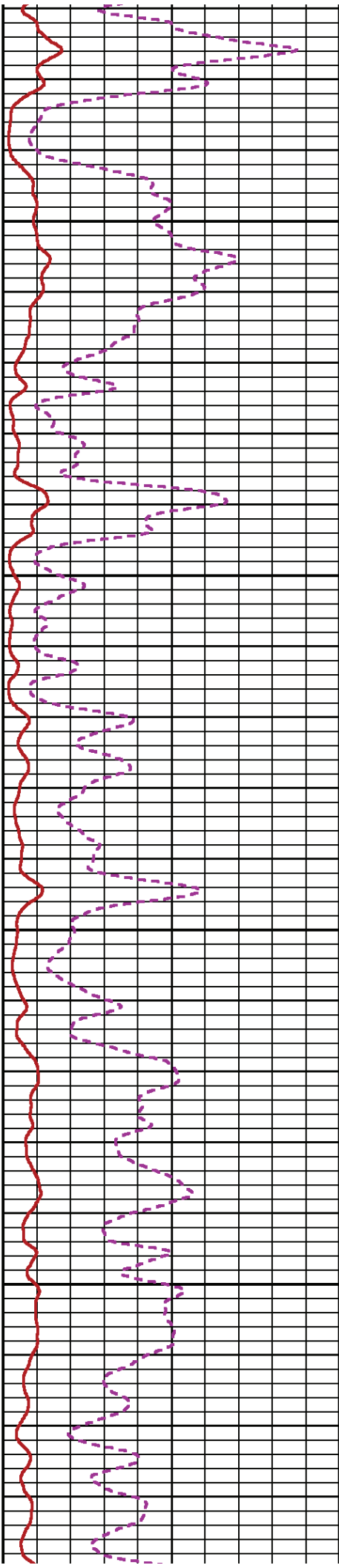
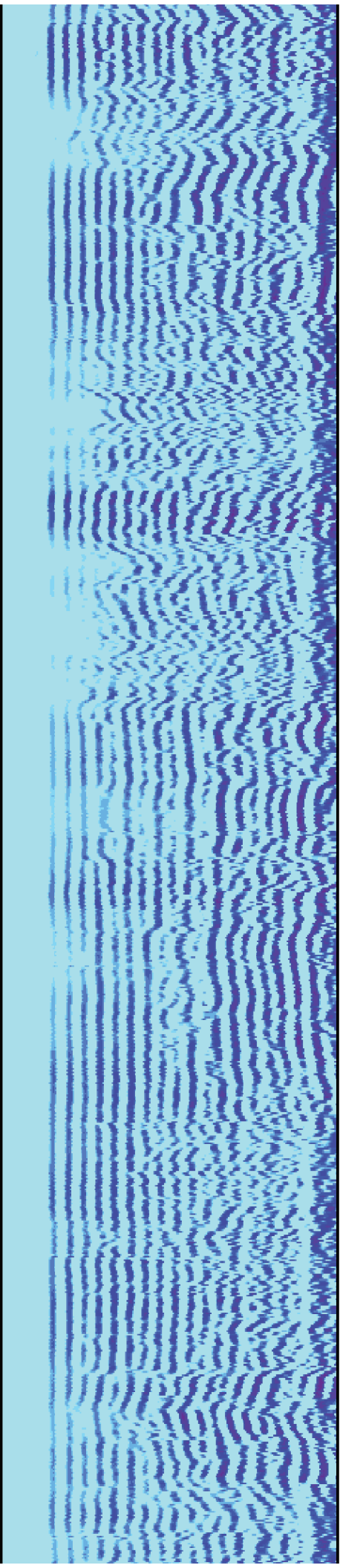


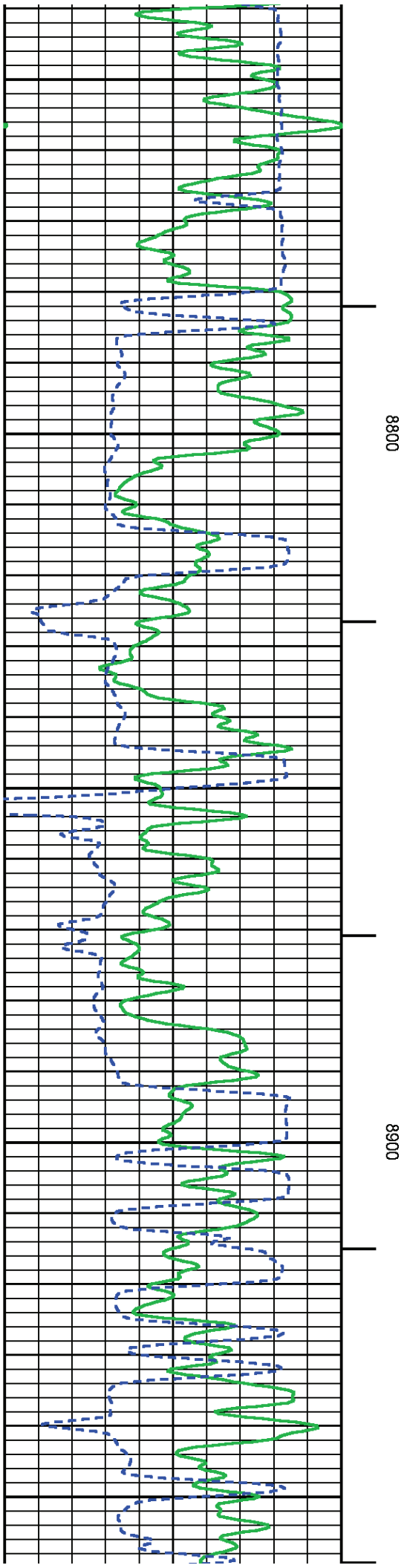
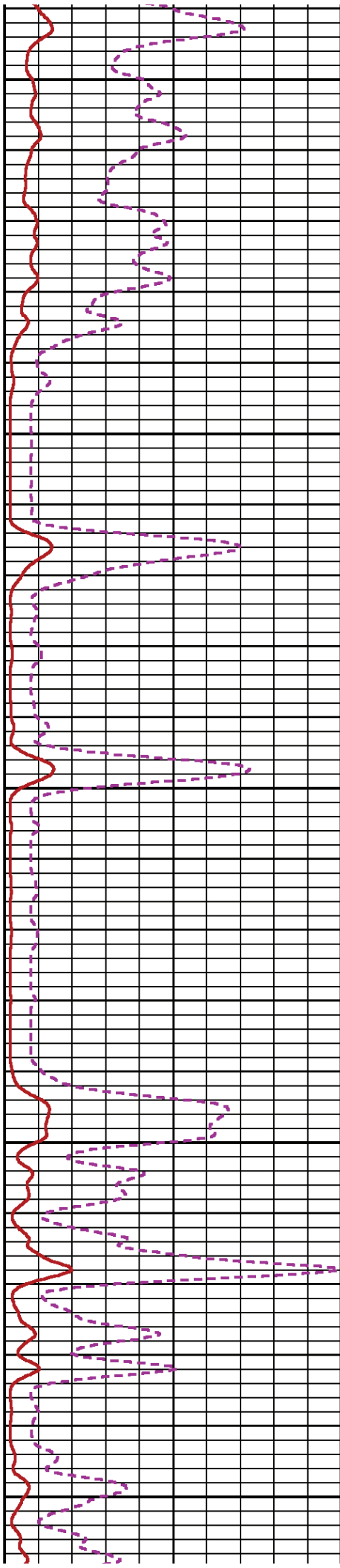
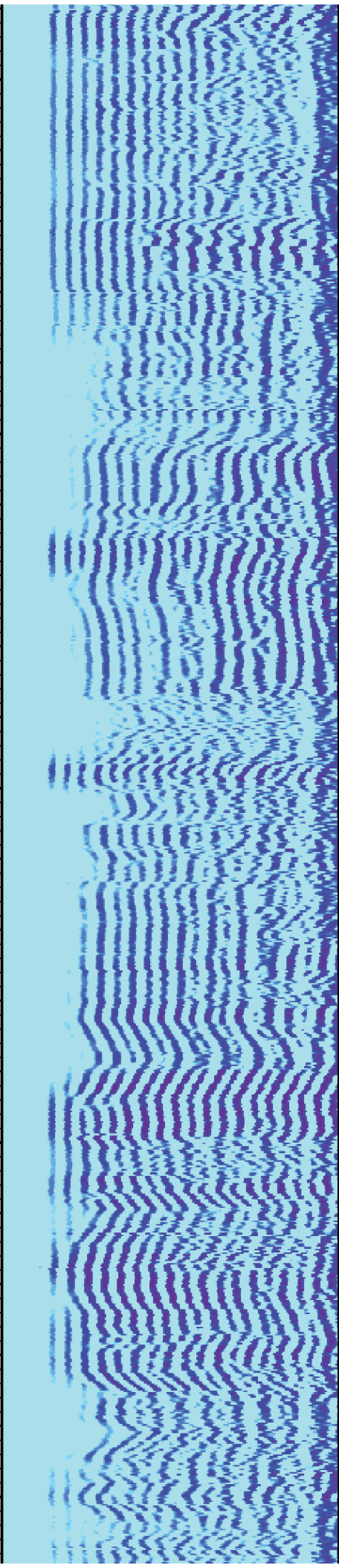


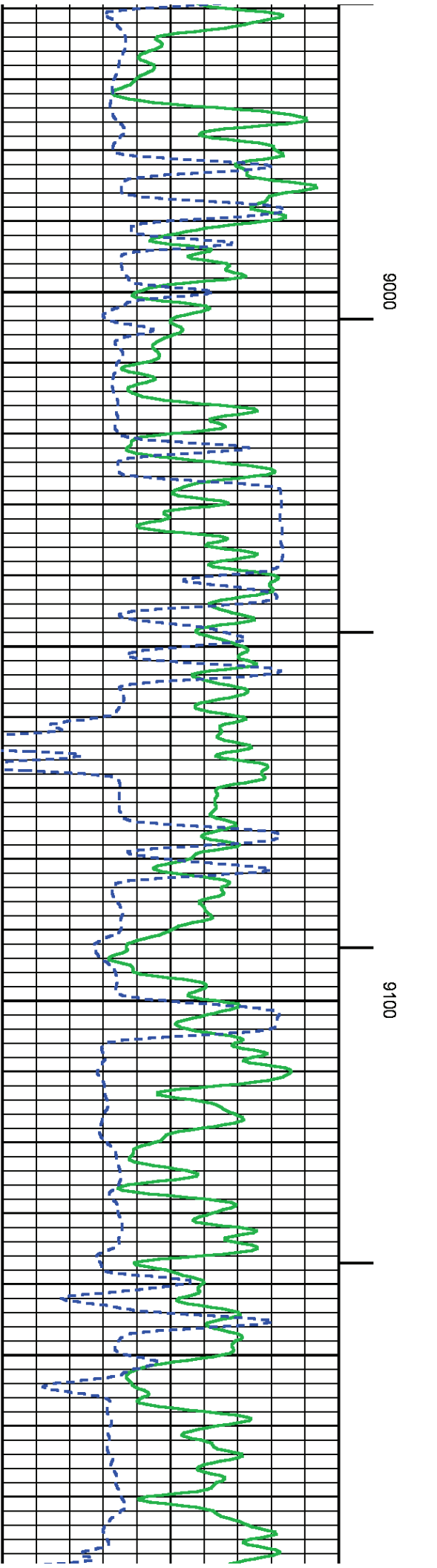
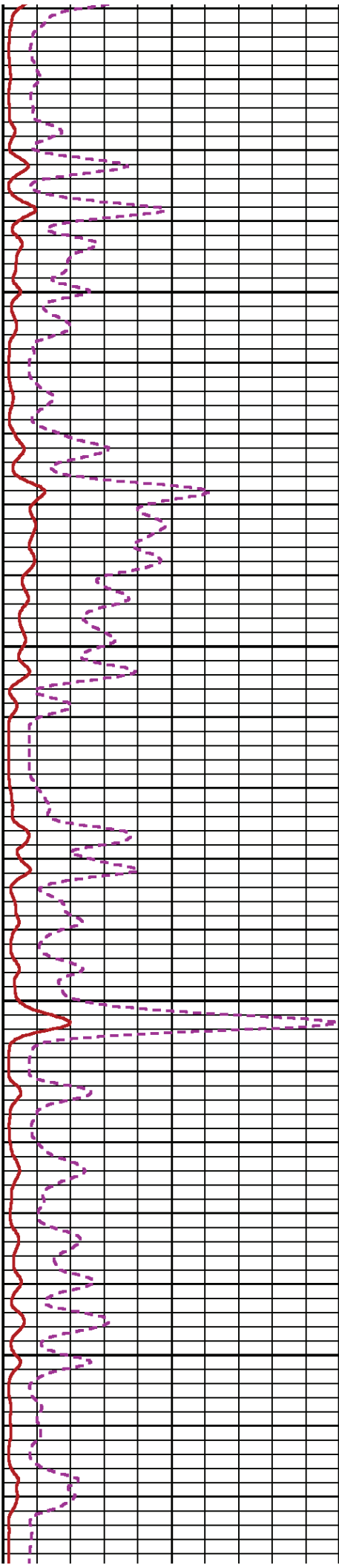
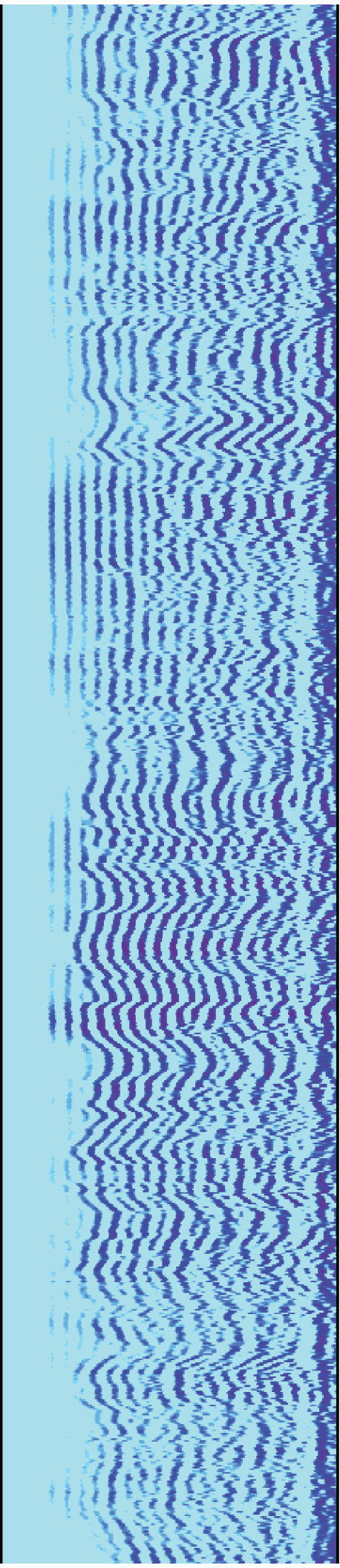


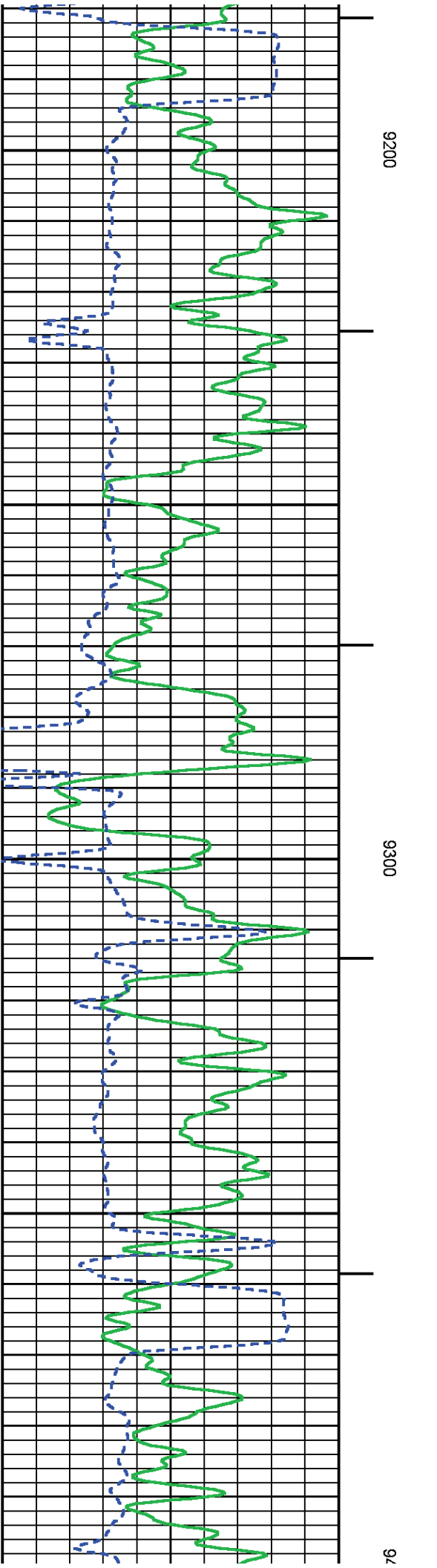
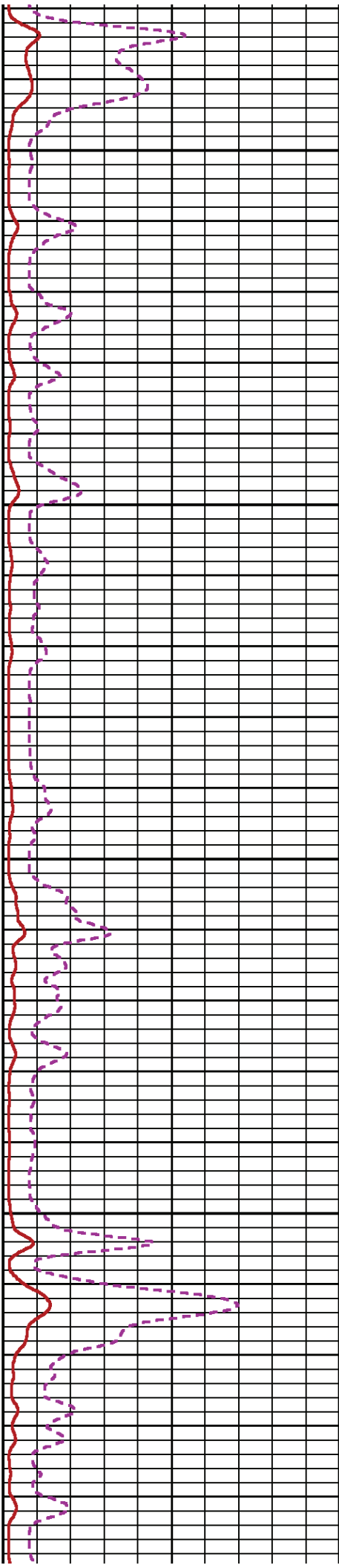
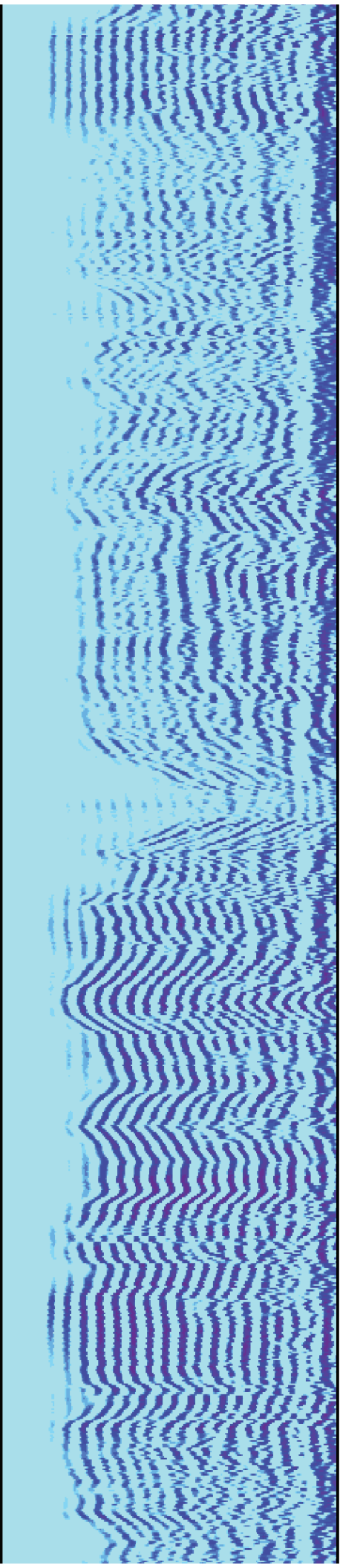


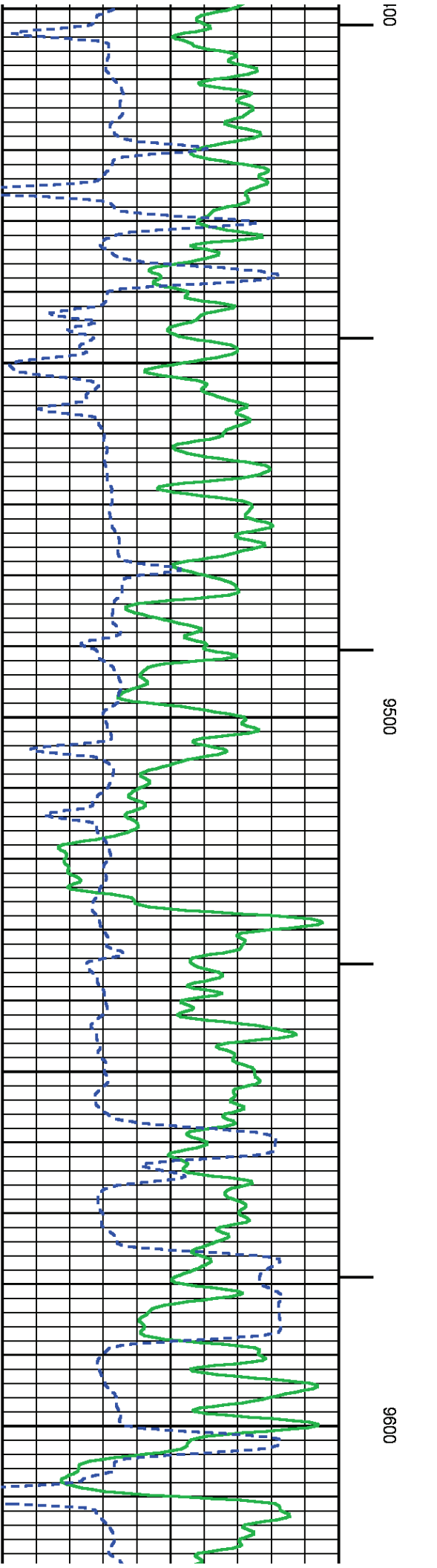
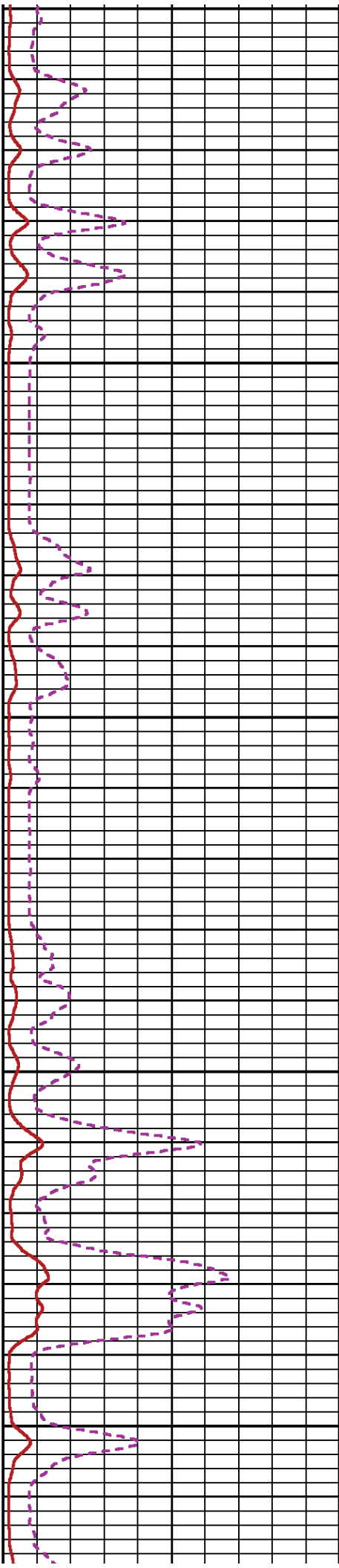
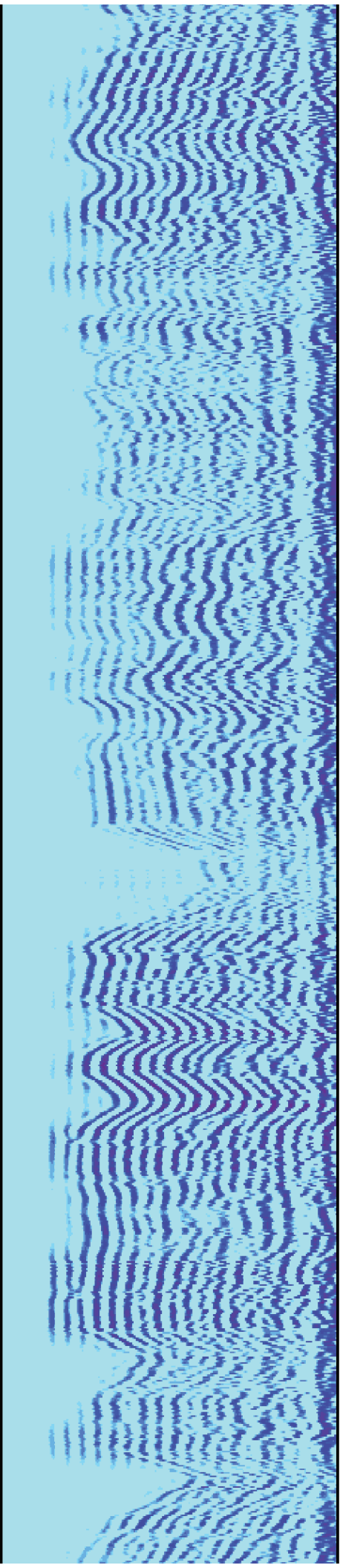


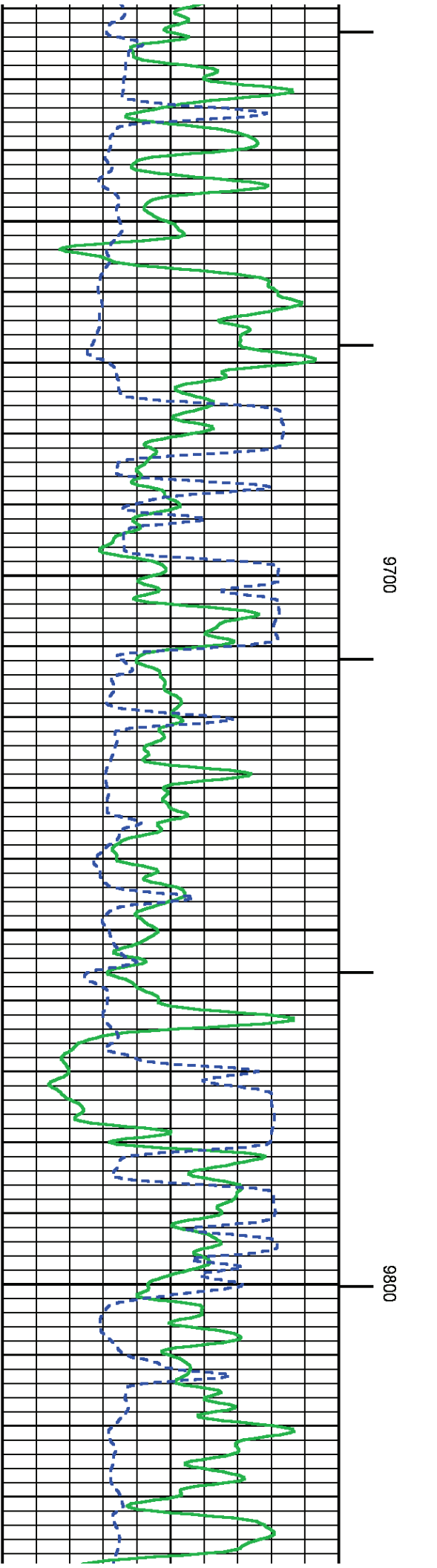
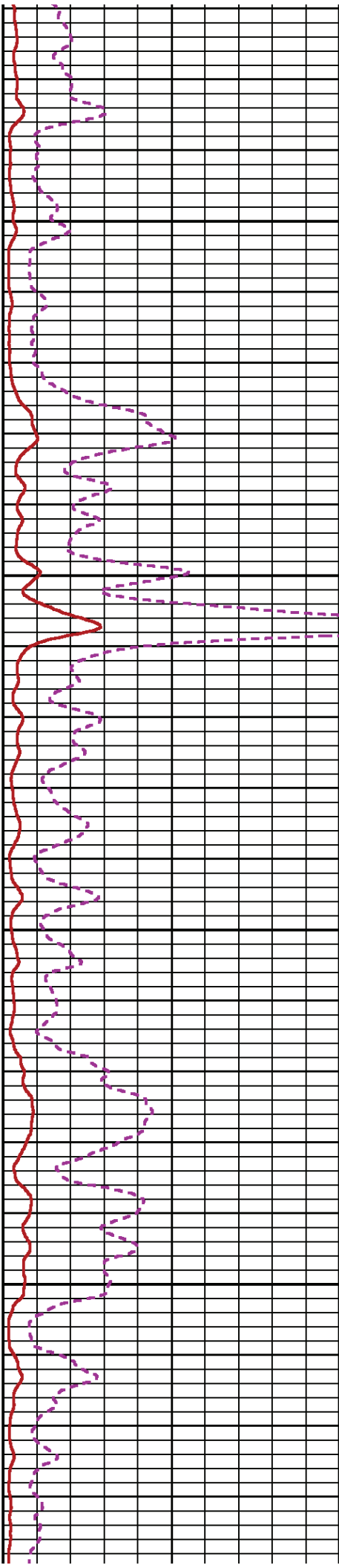
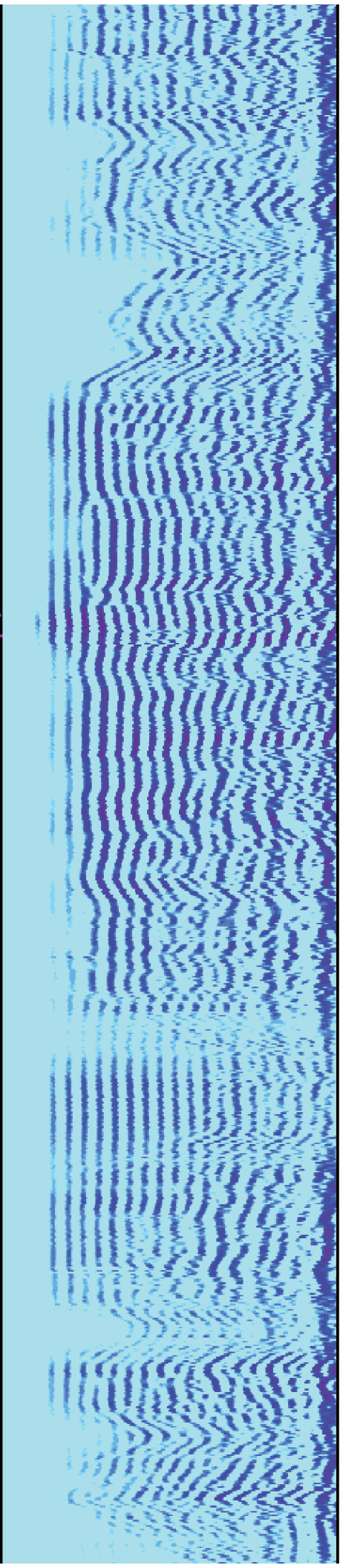


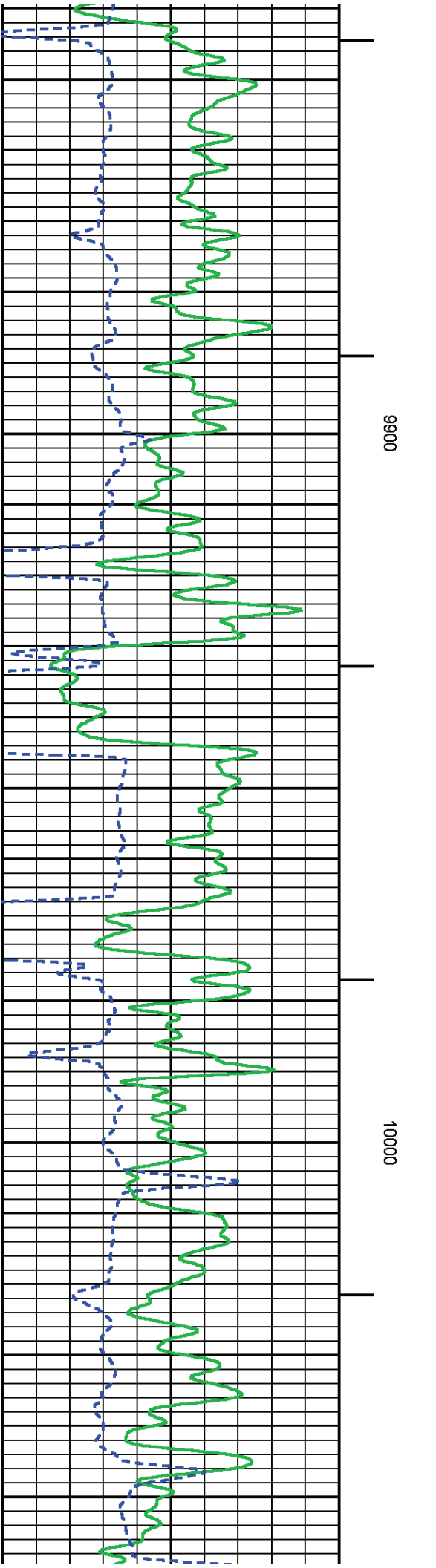
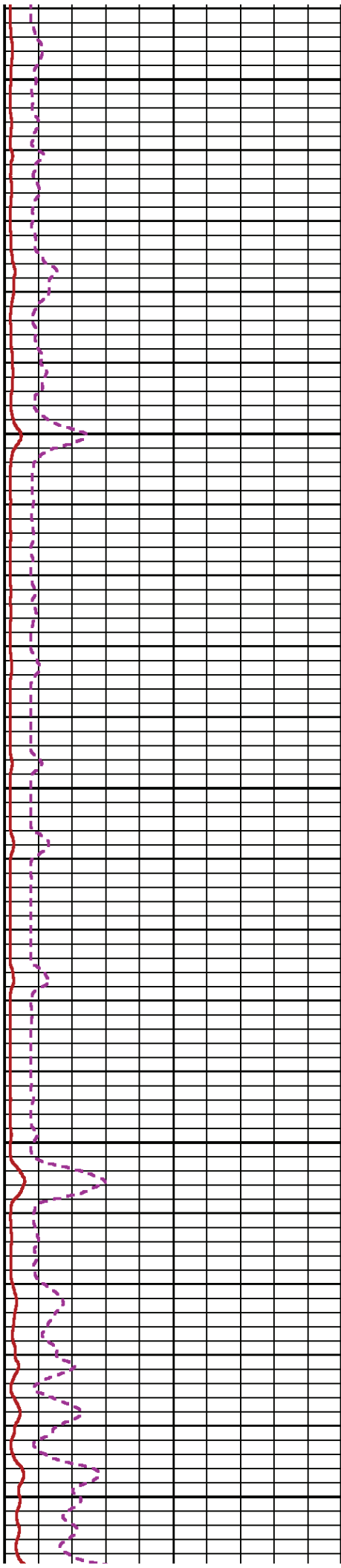
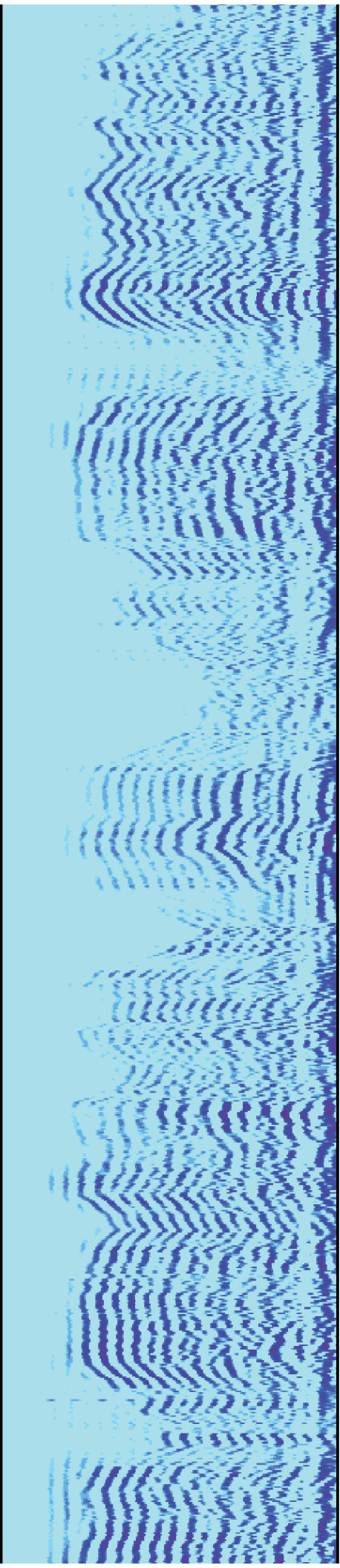


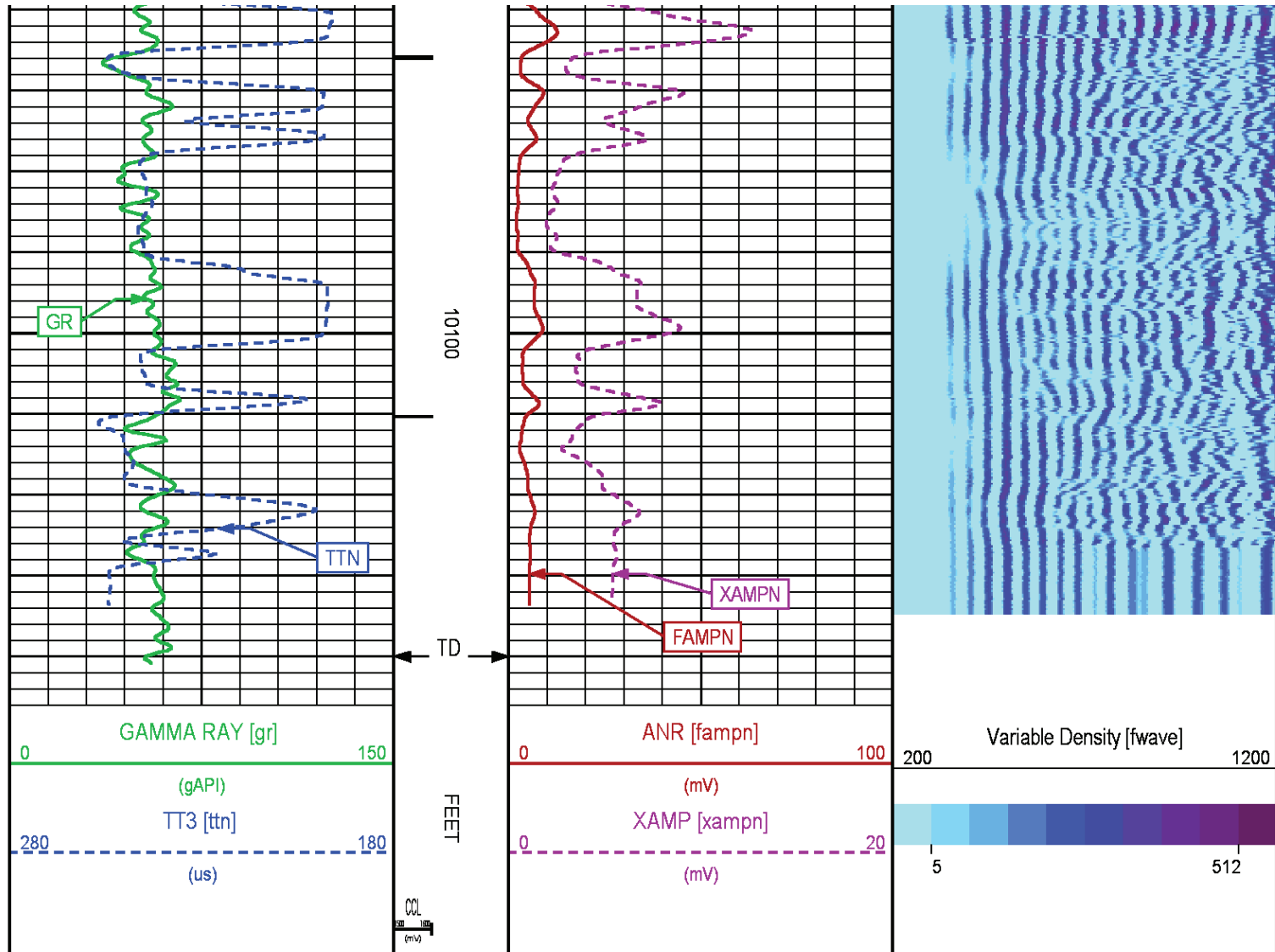












SECONDARY PRESENTATION 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1 Patches: 2

Plotted: Mon Sep 1 17:56:54 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH089583/n012e02.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 27.000 ft BOTTOM DEPTH: 10146.069 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

RAL CCL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
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