



FILE NO:  
CH089276

API NO:  
05045217840000

Ver. 3.87

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

COMPANY  
WELL  
FIELD  
COUNTY

WPX ENERGY  
FEDERAL NER 34-32  
RULISON  
GARFIELD

STATE CO

LOCATION:

SHL: 132' FNL & 2587' FWL(5 7S 93W)  
BHL: 1116' FSL & 1971' FEL(32 6S 93W)

OTHER SERVICES  
RPM

SEC 32 TWP 6S RGE 93W

PERMANENT DATUM GL ELEVATION 7603 FT

LOG MEASURED FROM KB 26 FT ABOVE P.D.

DRILL MEAS. FROM KB

ELEVATIONS:

KB 7629 FT  
DF  
GL 7603 FT

DATE	30-Aug-2014
RUN	1
TRIP	1
SERVICE ORDER	US089276
DEPTH DRILLER	10199 FT
DEPTH LOGGER	10163 FT
BOTTOM LOGGED INTERVAL	10153 FT
TOP LOGGED INTERVAL	26 FT
TIME STARTED	9:30
TIME FINISHED	16:00
OPERATOR RIG TIME	6.5 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	117 FT
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	65 FMN
MAX. RECORDED TEMP.	244 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	6670
LOCATION	GRAND JCT.
RECORDED BY	NEWELL
WITNESSED BY	JEFF DUCY

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	1101 FT
8.75 IN	1101 FT	10251 FT

#### CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			0 FT	1101 FT
4.5 IN	11.6 LB/F	P-110	0 FT	10251 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 3 feet.

Logged with 0 PSI at wellhead.

BHT = 244 degF  
SJ = 6666' - 6688'

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 12:32:14 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH089276/n012e06.prm  
LOGGING MODE: DEPTH  
TOP DEPTH: 22.750 ft

DIRECTION: UP  
BOTTOM DEPTH: 5698.750 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*)	173	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*)	-76	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

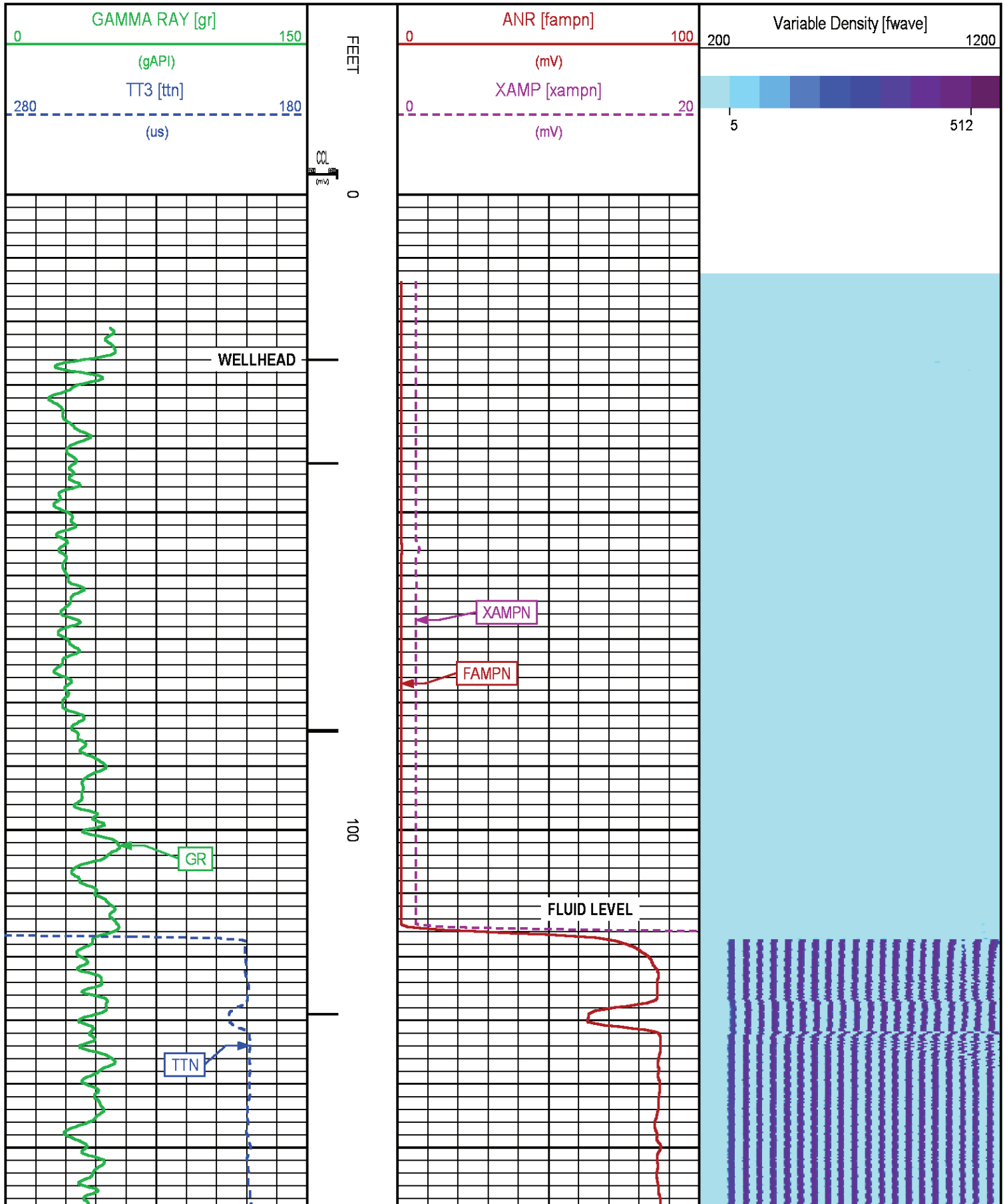
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Aug 30 15:38:57 2014	CASING COLLAR LOCATOR
F1:FAMPN	Aug 30 15:38:57 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Aug 30 15:38:57 2014	FAR WAVE FORM
F1:GR	Aug 30 15:38:57 2014	GAMMA RAY
F1:TTN	Aug 30 15:38:57 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Aug 30 15:38:57 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

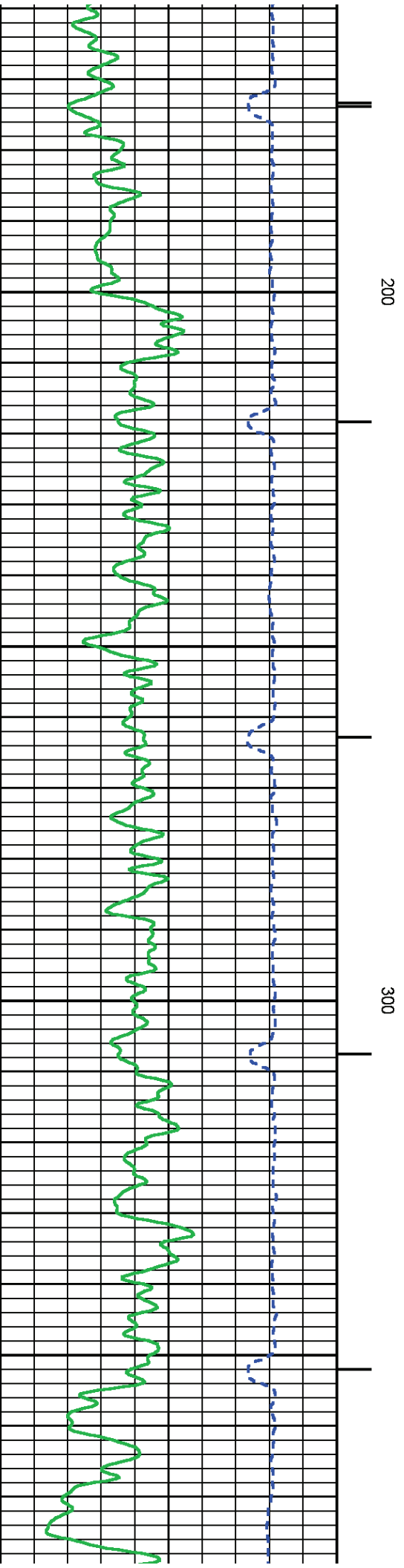
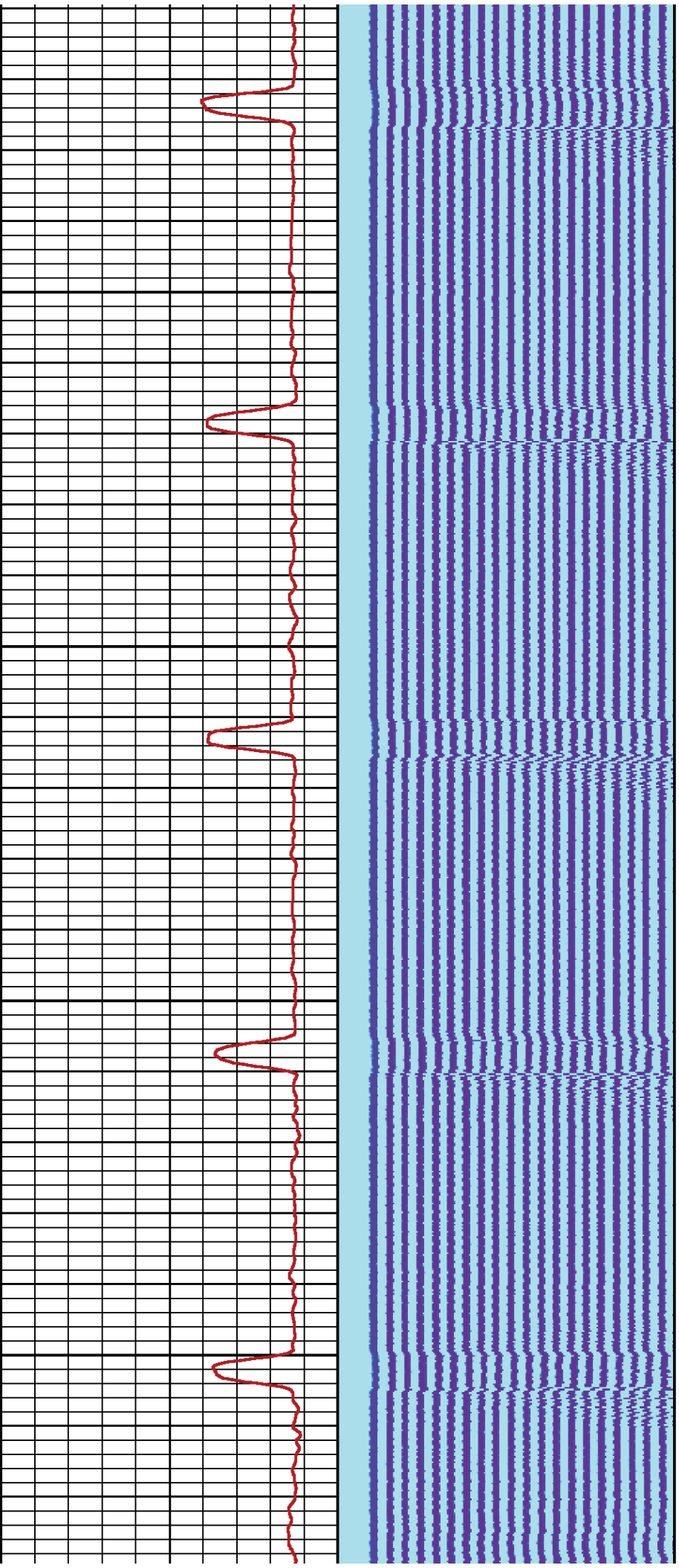
CURVE MEASURE POINT OFFSET

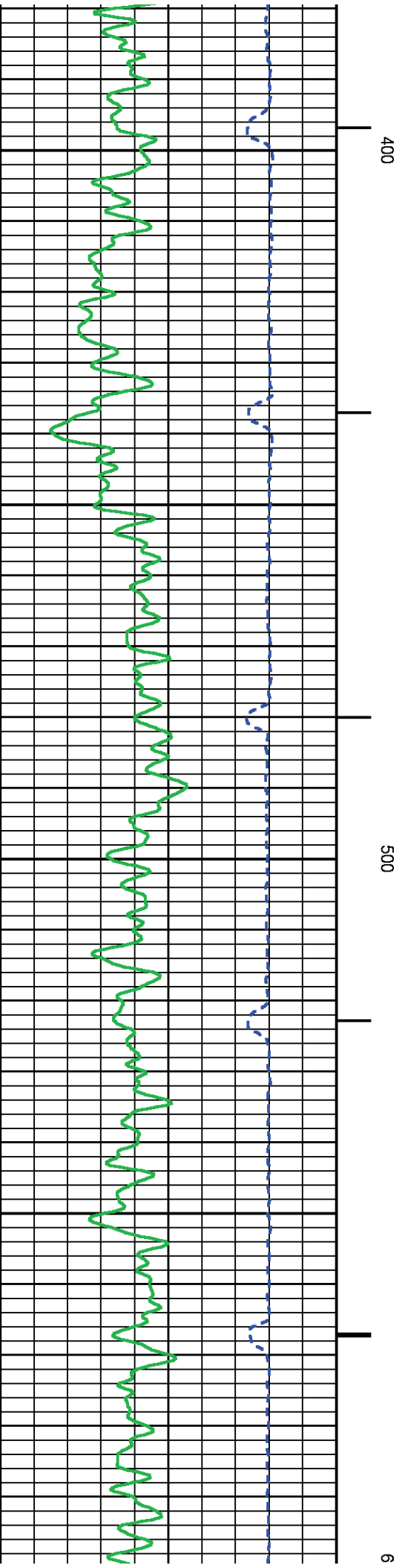
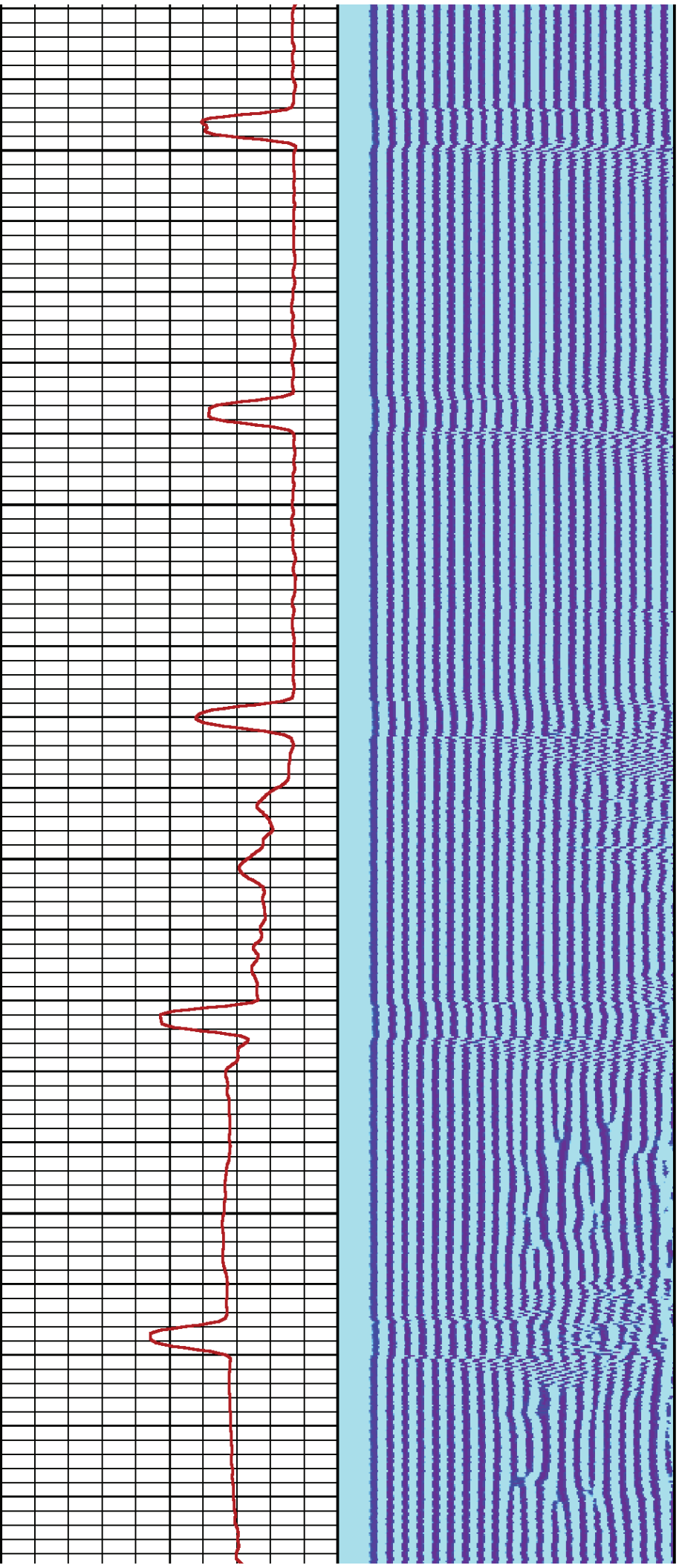
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

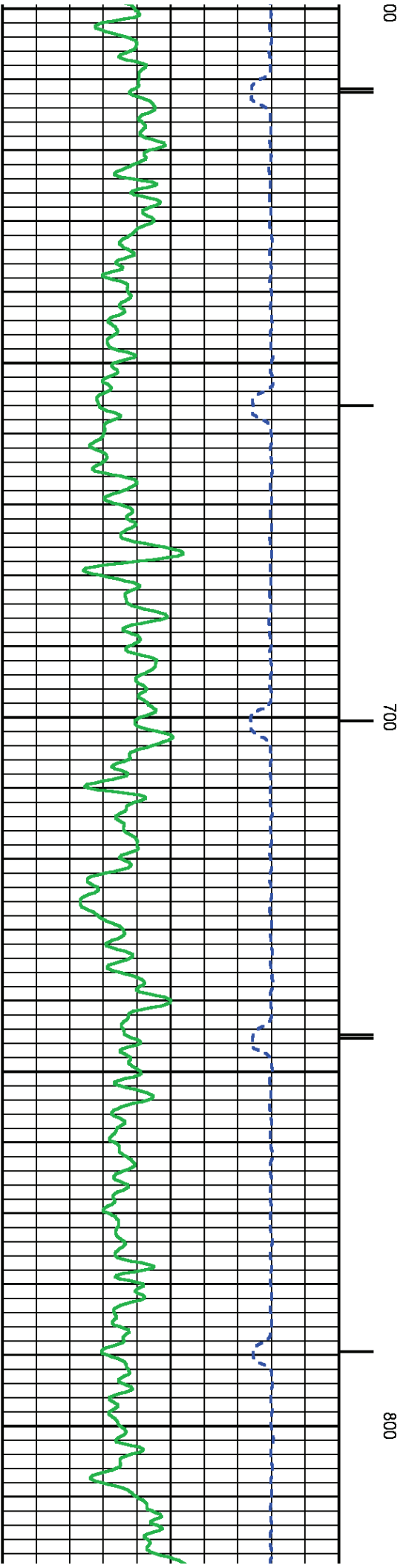
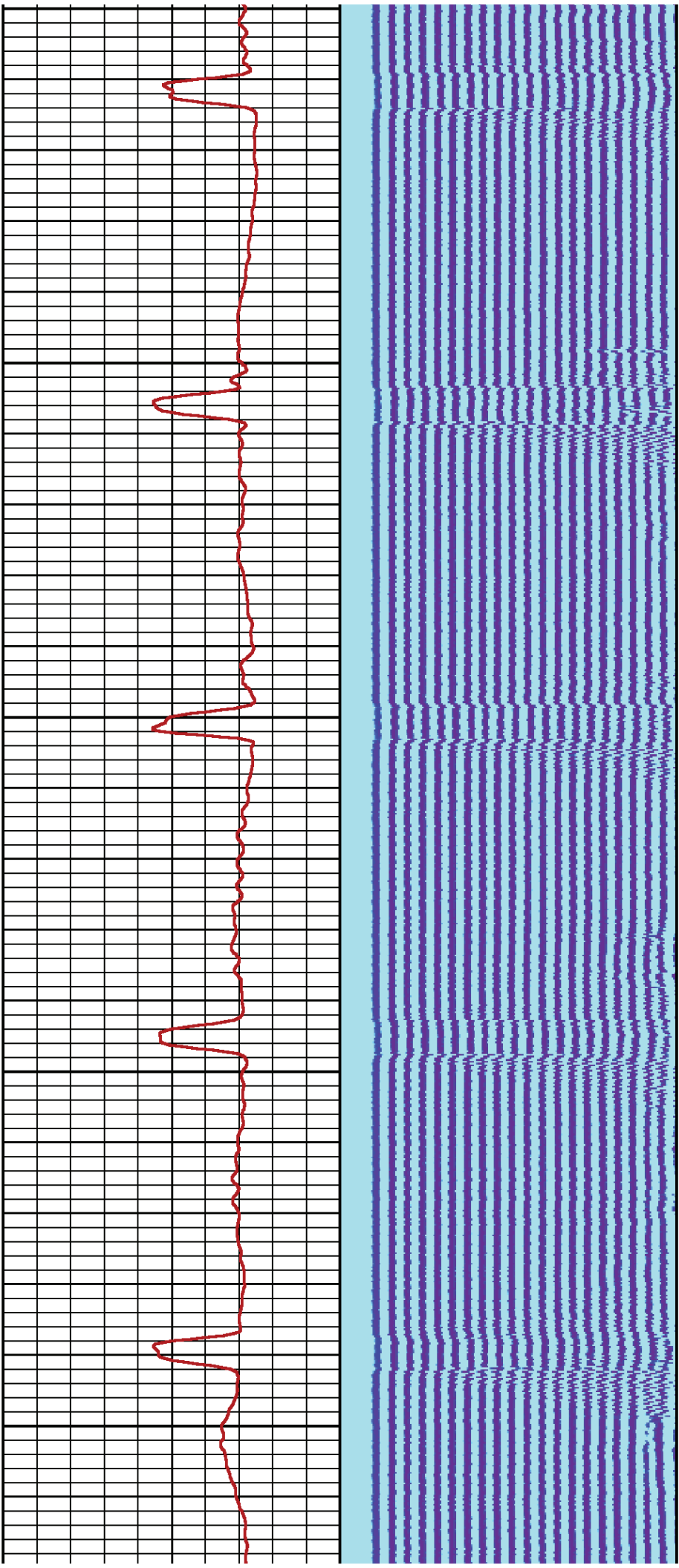
Presentation : HL6670:/dat1a/CH089276/34CBL\_MAIN\_PRIMARY.IVPdr [5 /100 Scale]  
Plot Interval : 0 - 10169.2 Feet

Data File 1 : F1 : HL6670:/dat1a/CH089276/34CBLMAINREDO.xtf  
Created On : Aug 30 15:38:57 2014  
Company : WPX ENERGY  
Well : FEDERAL NER 34-32  
Field : RULISON  
File Interval : 12.5 - 10169.2 Feet  
OCT : n012e

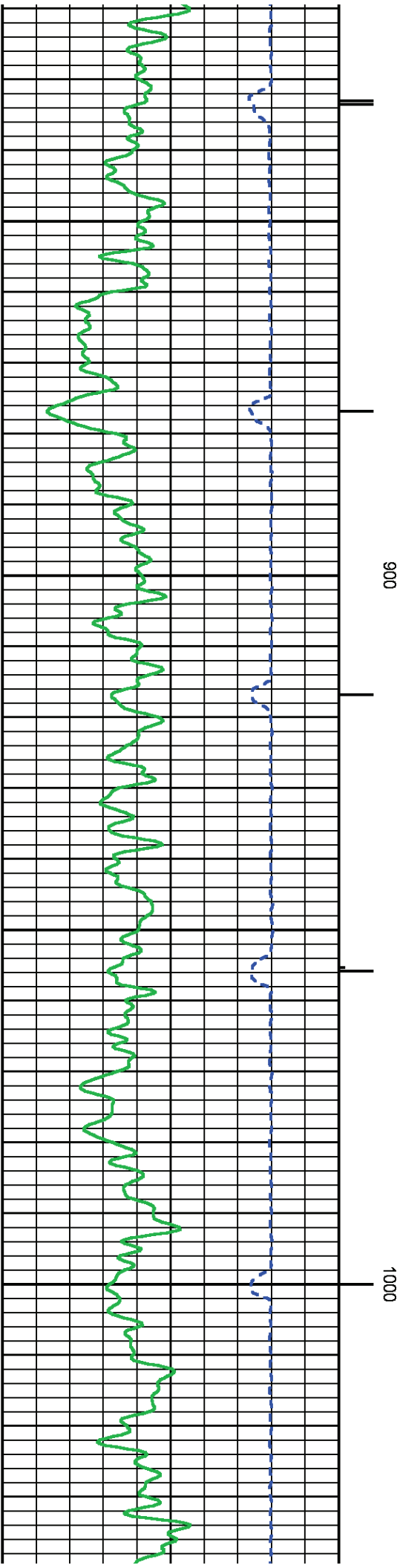
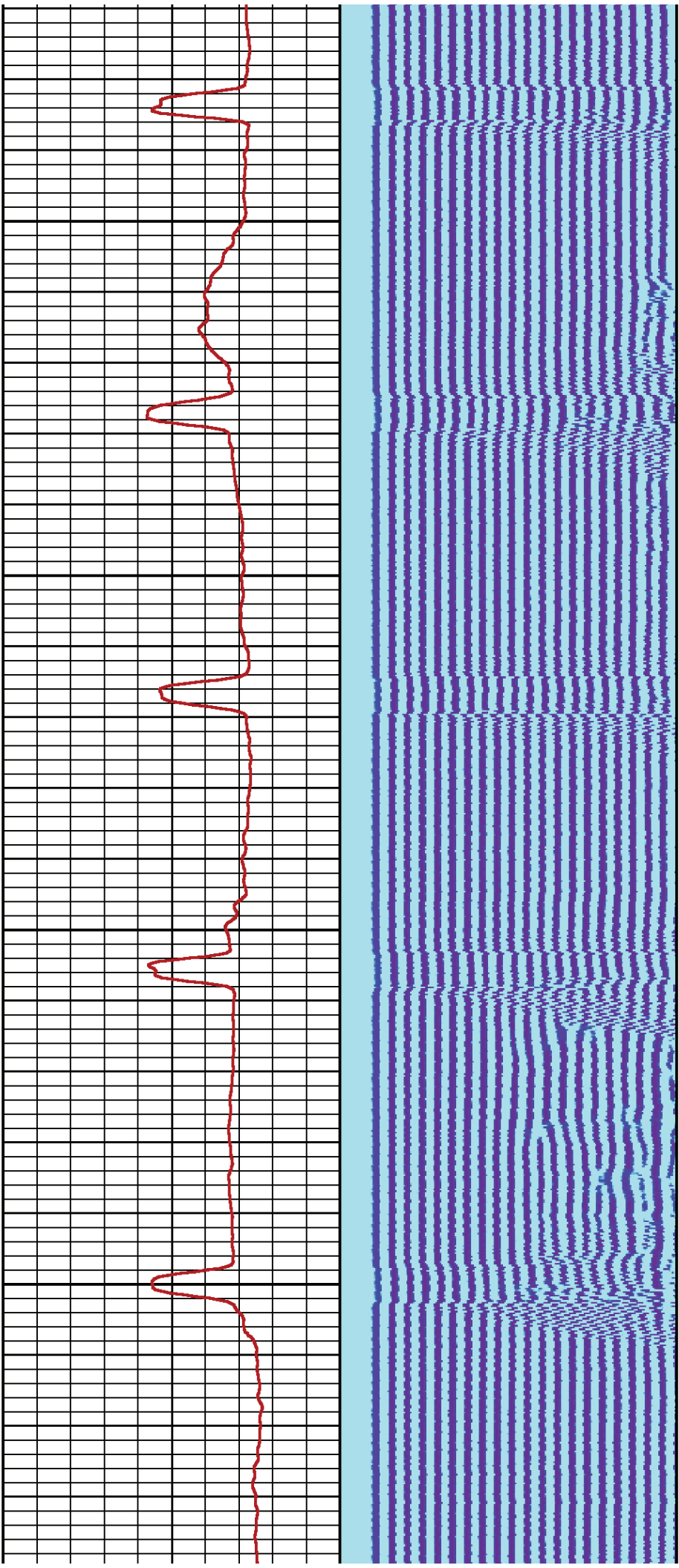


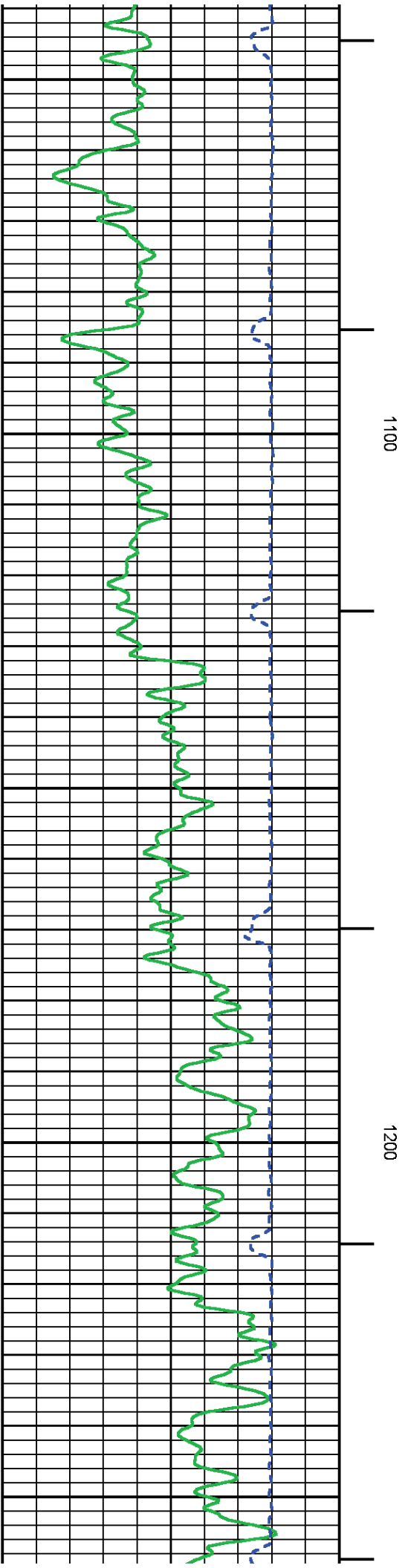
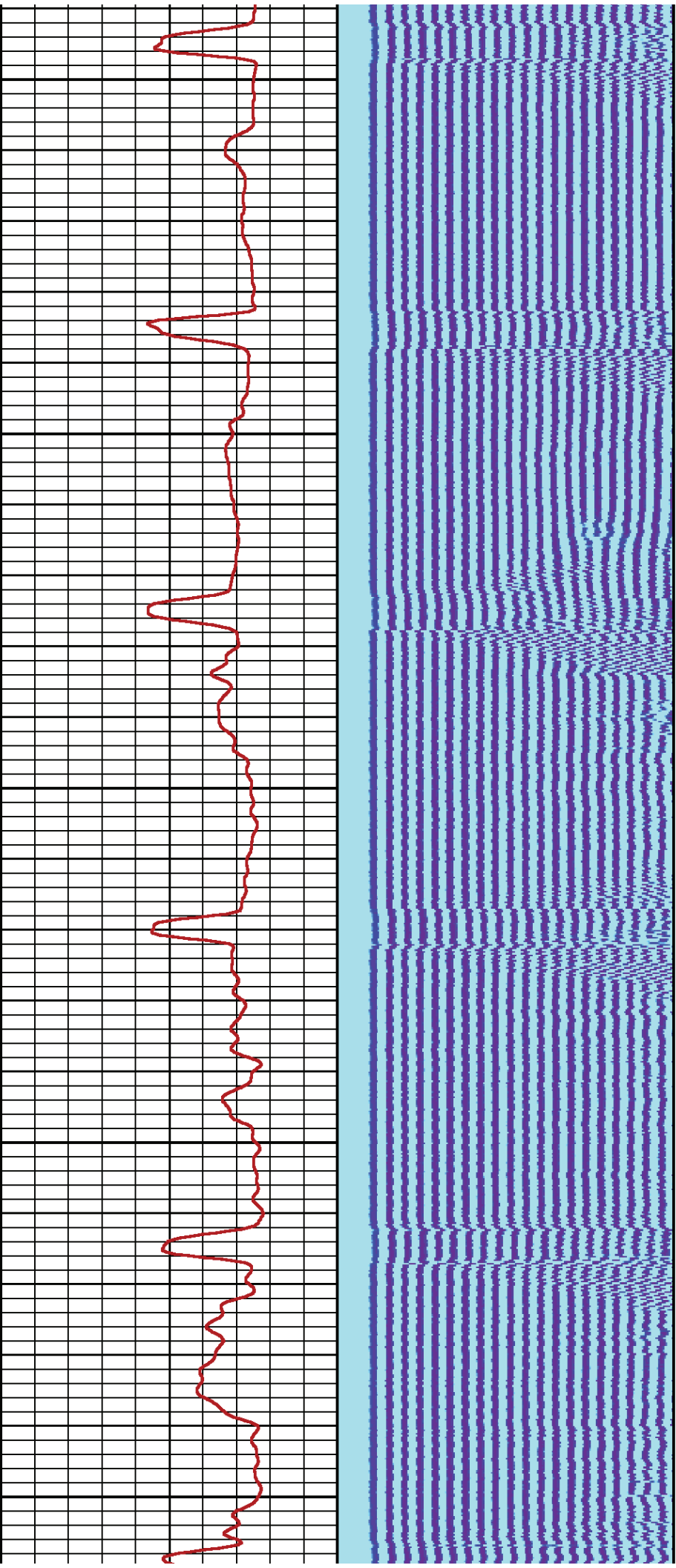




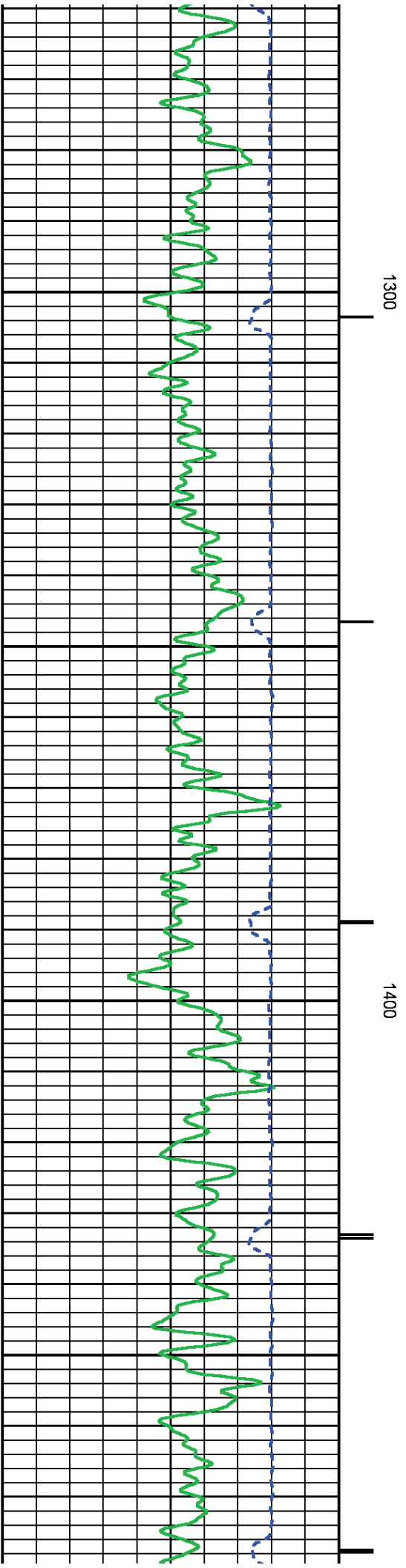
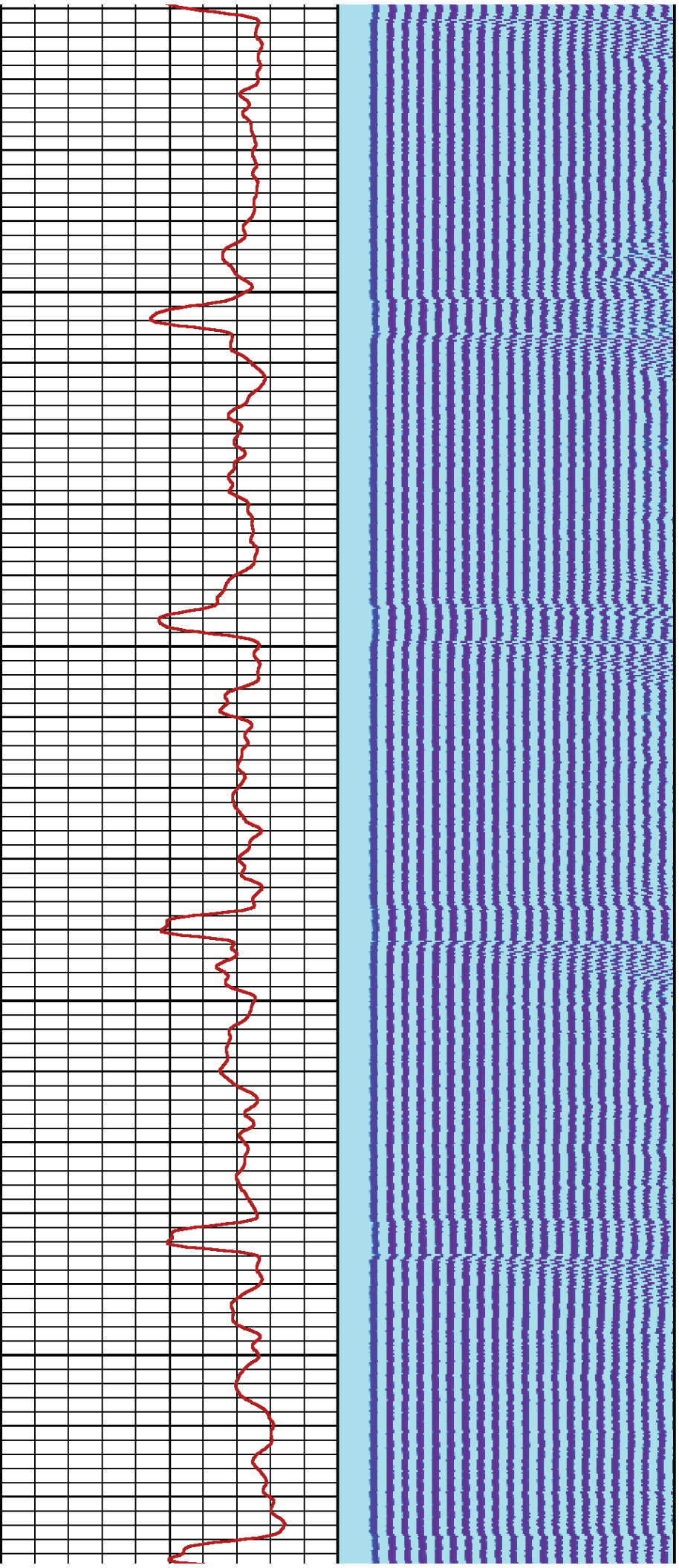


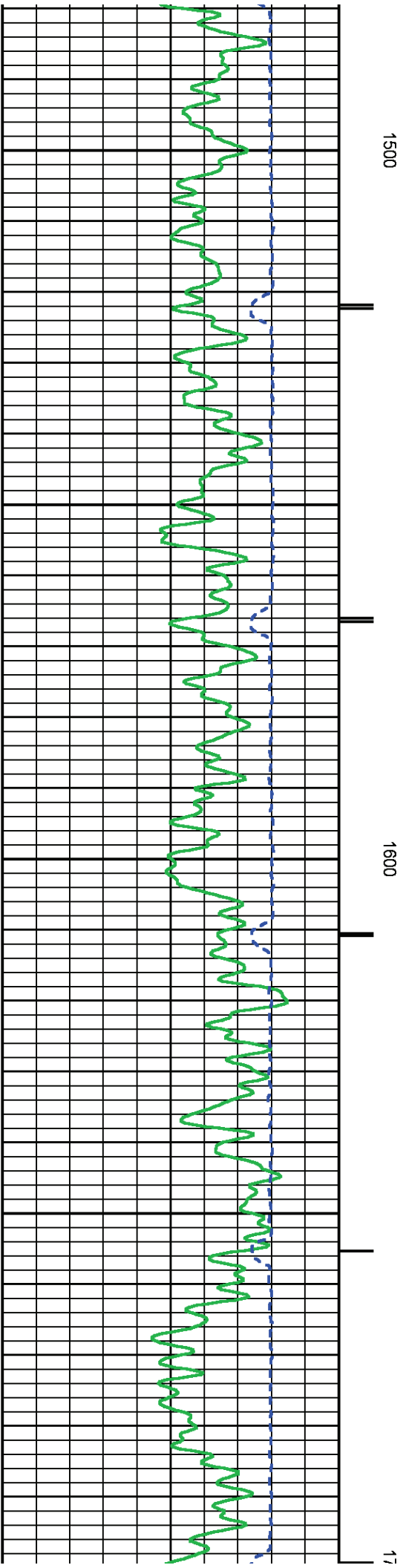
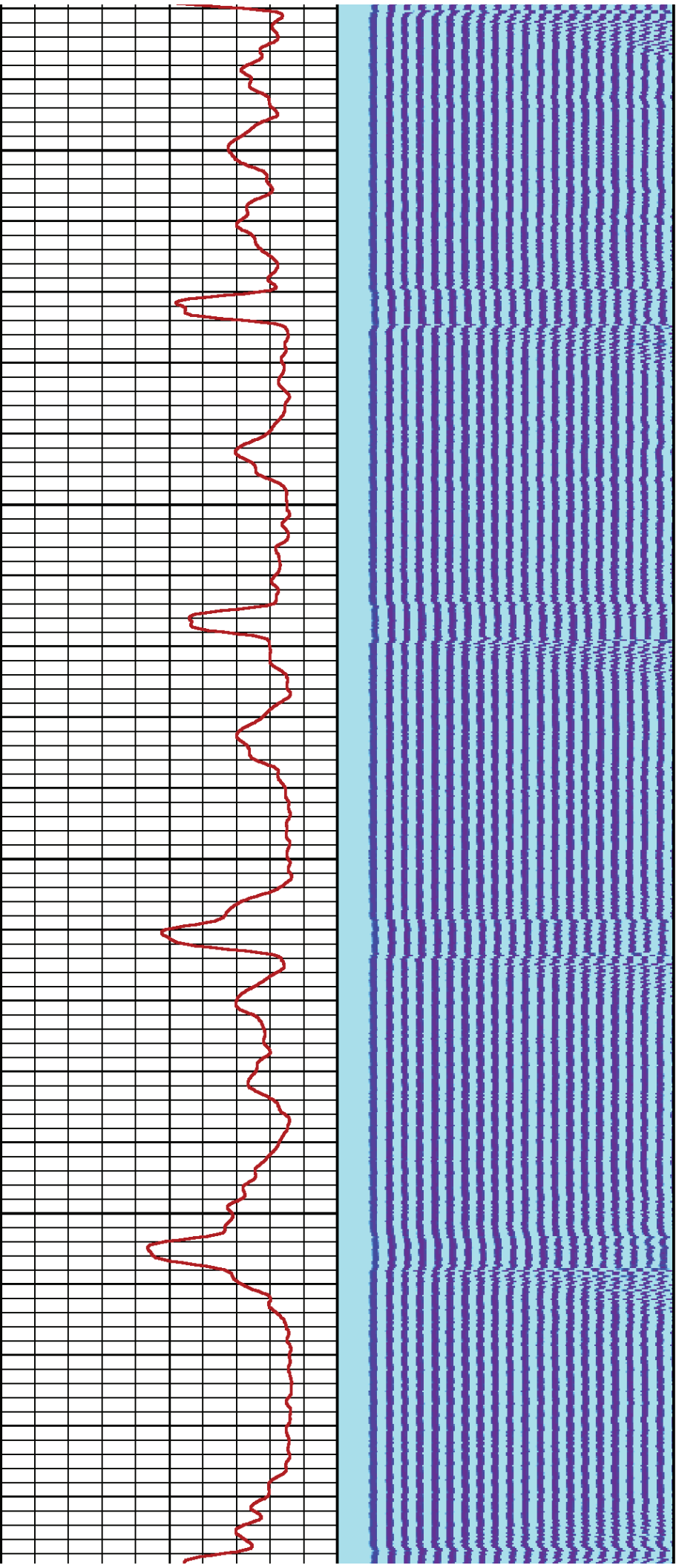


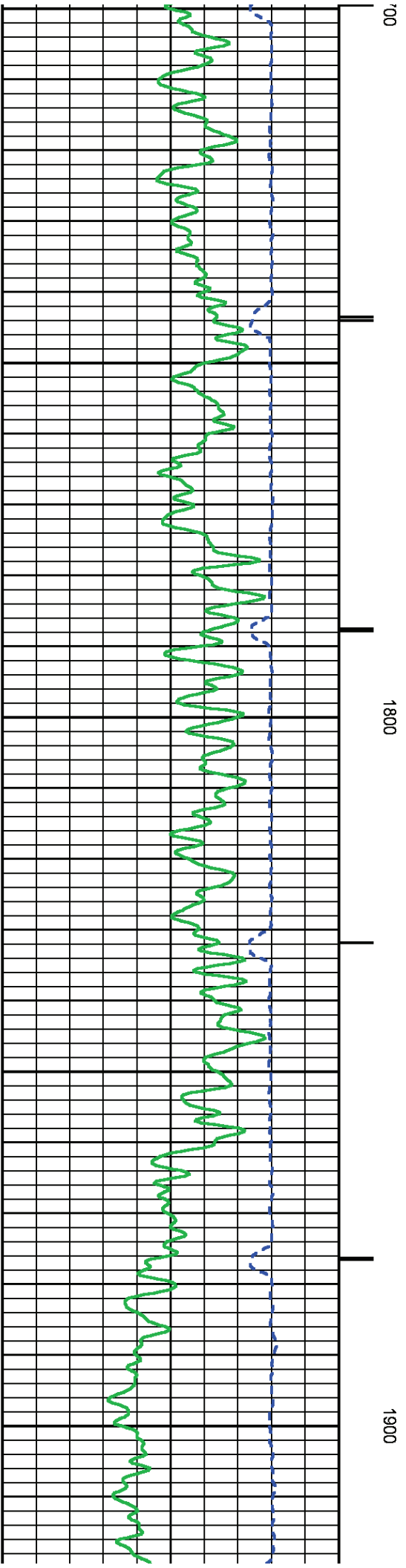
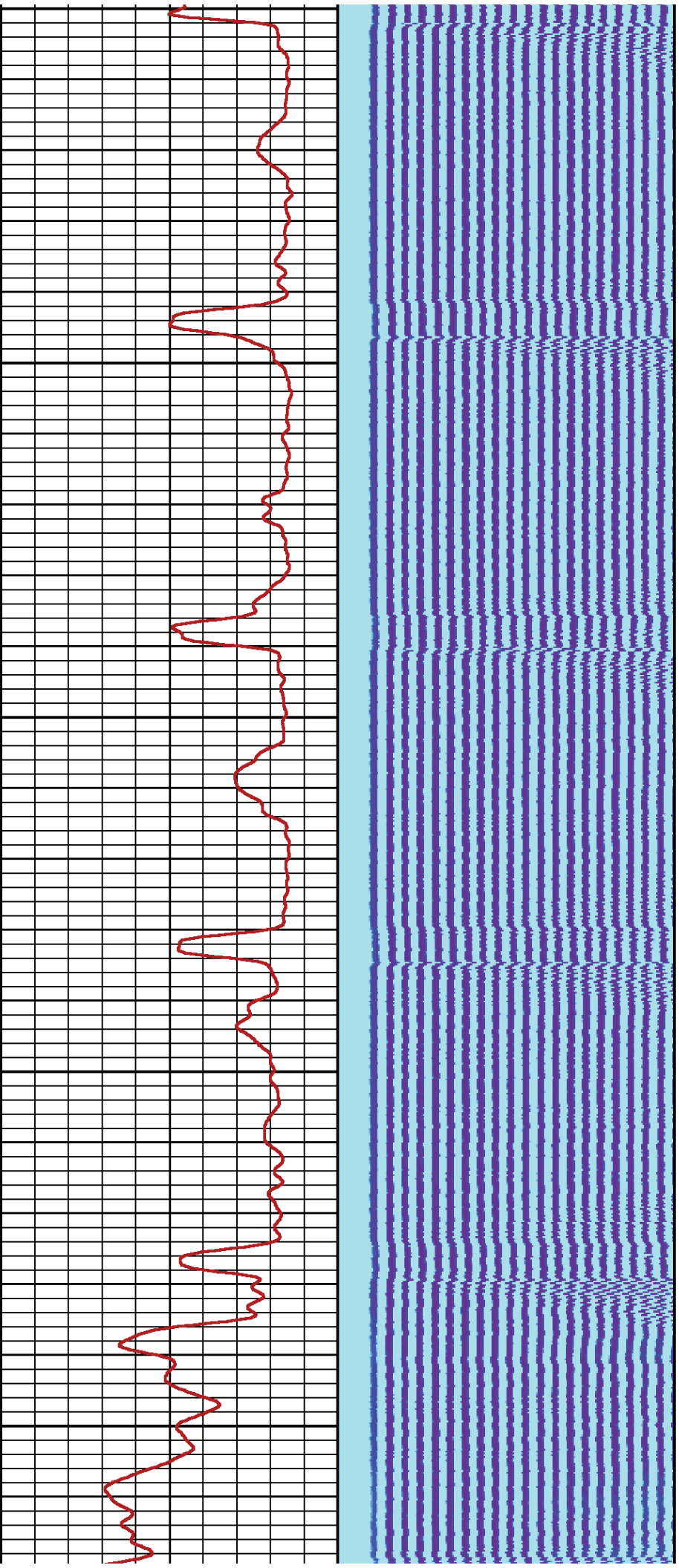


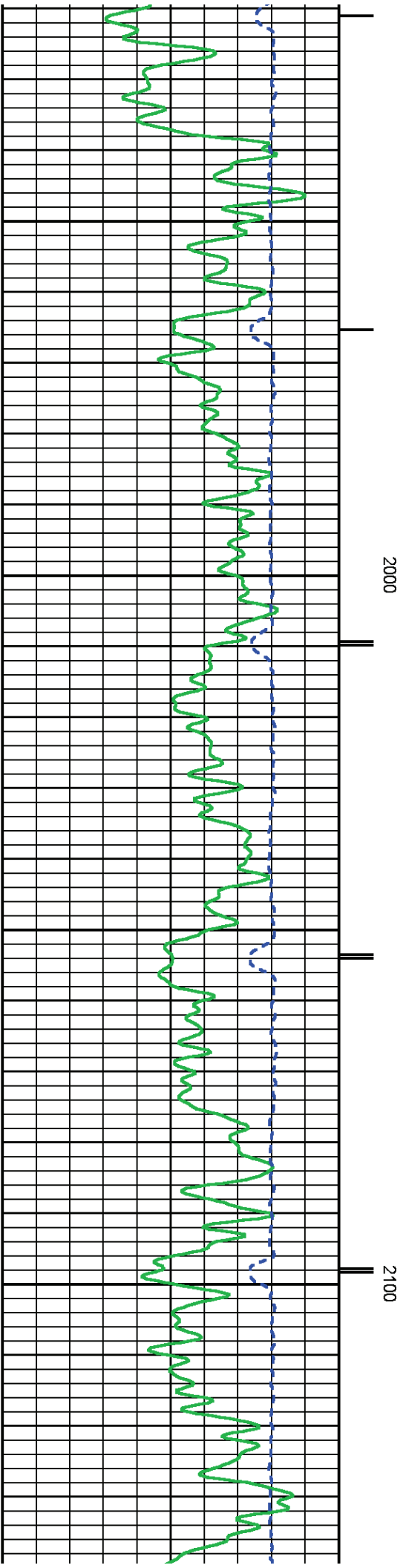
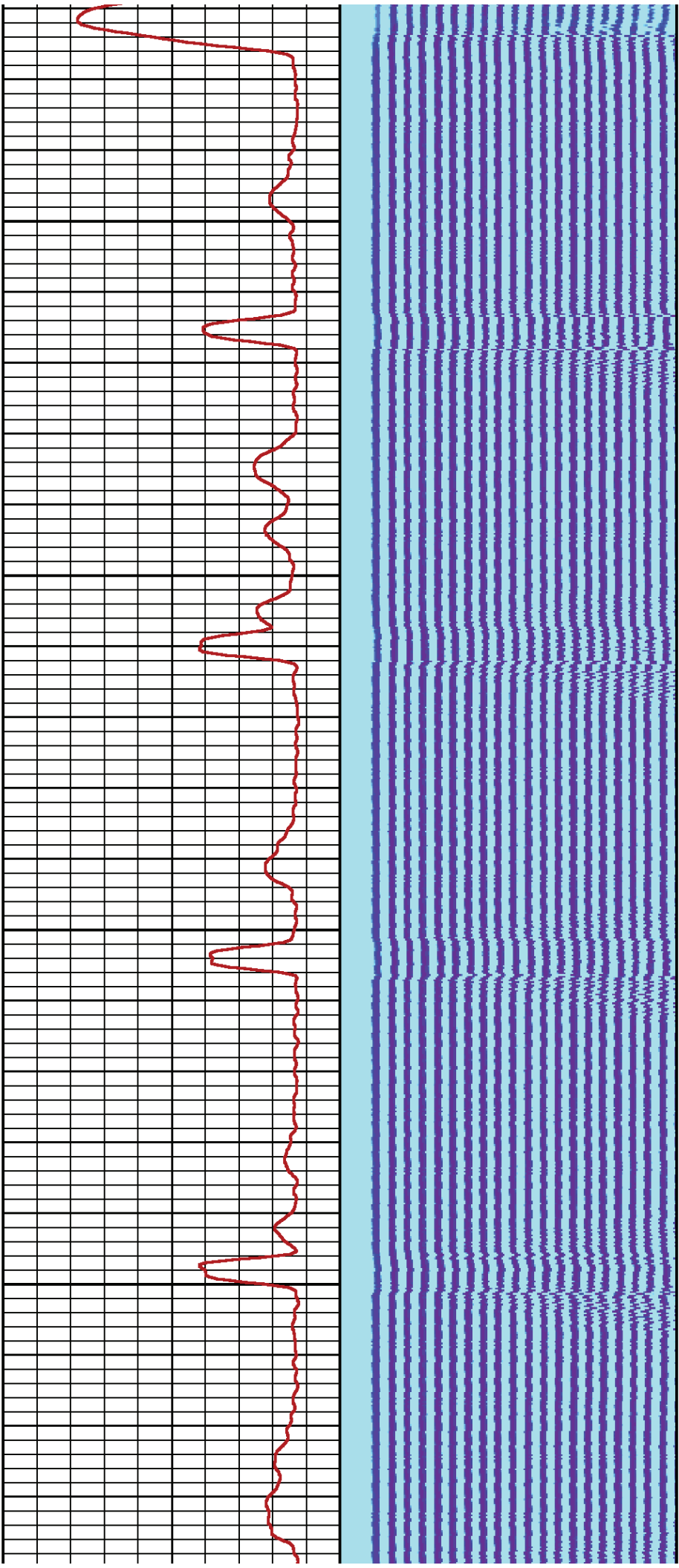


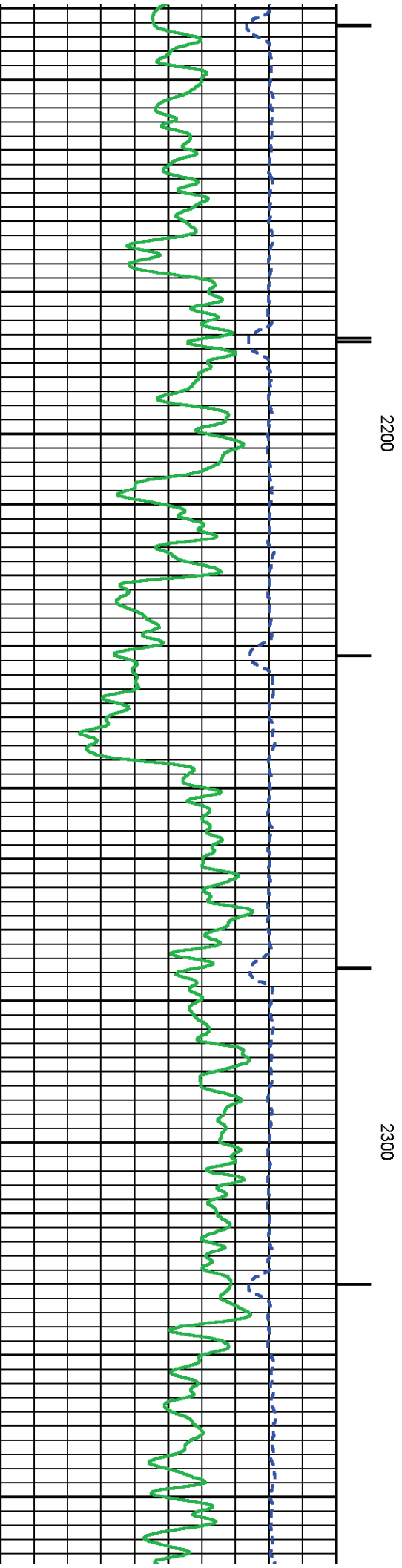
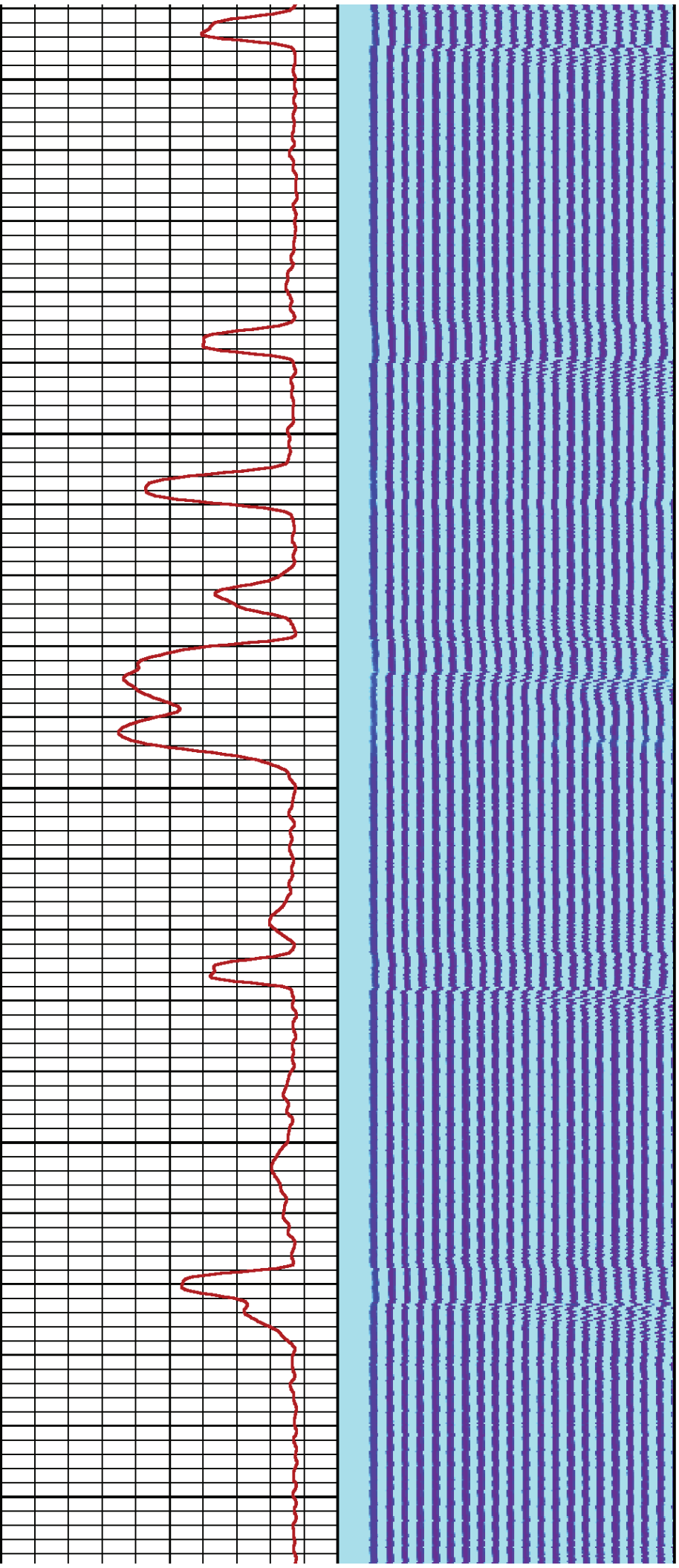




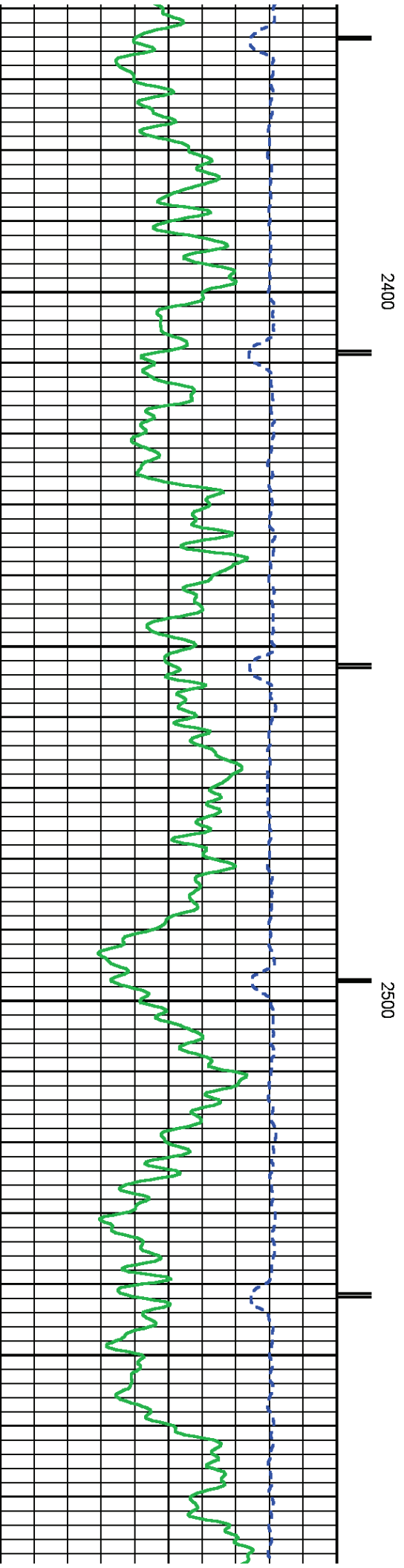
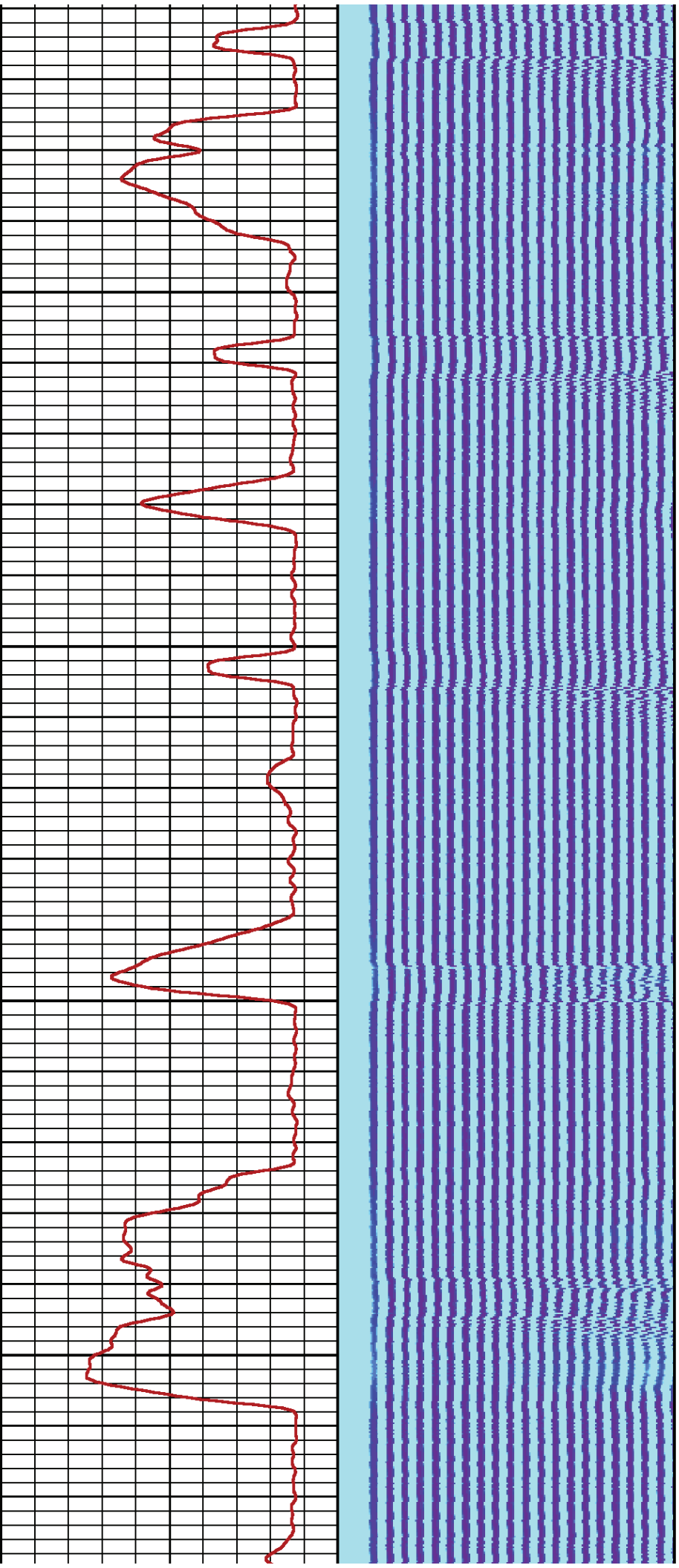


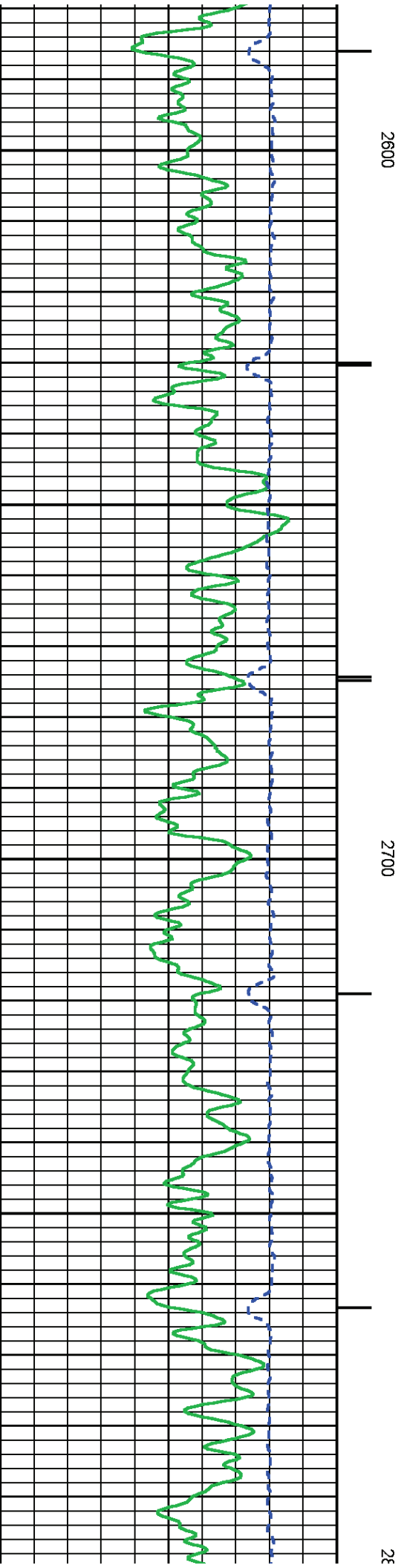
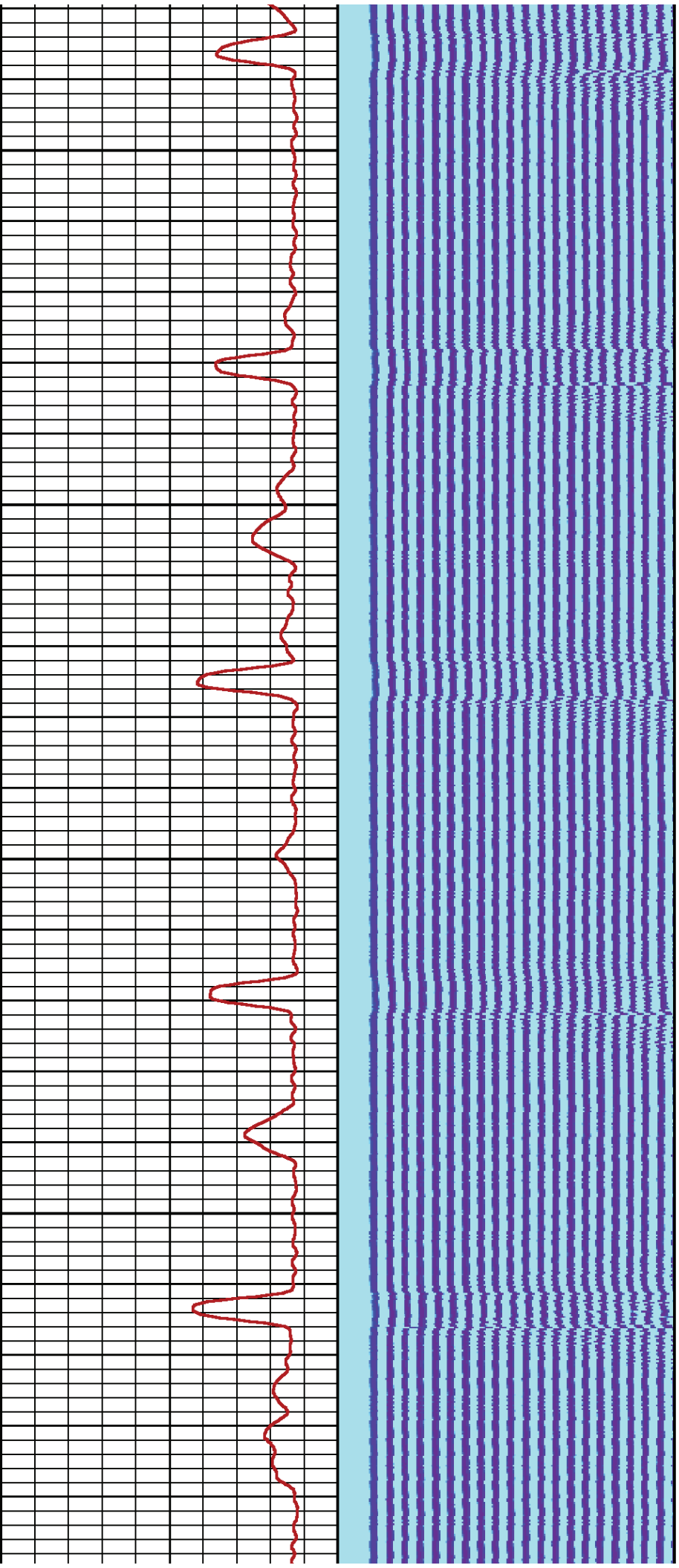


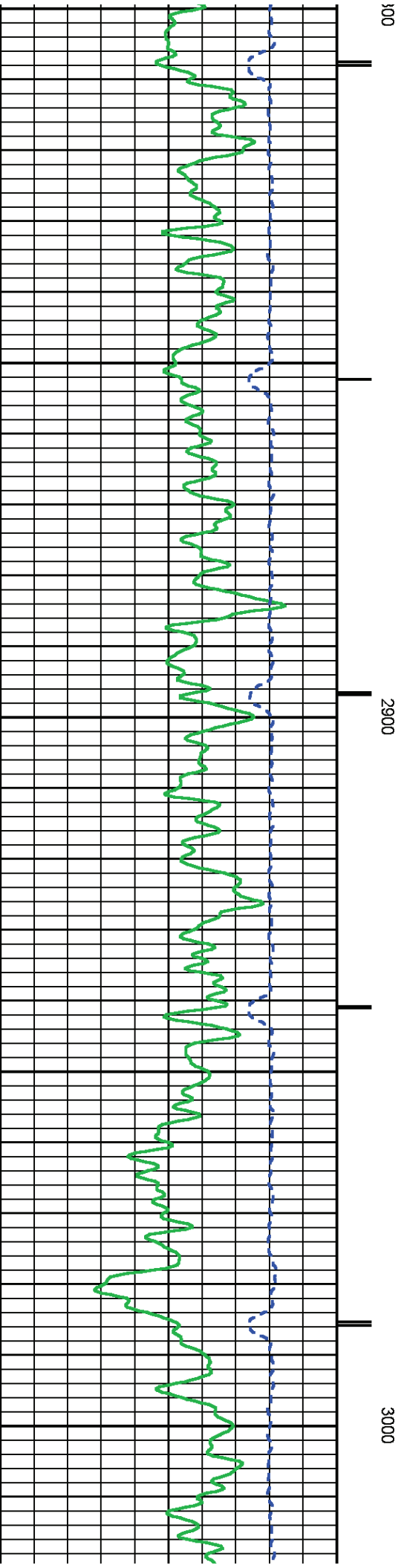
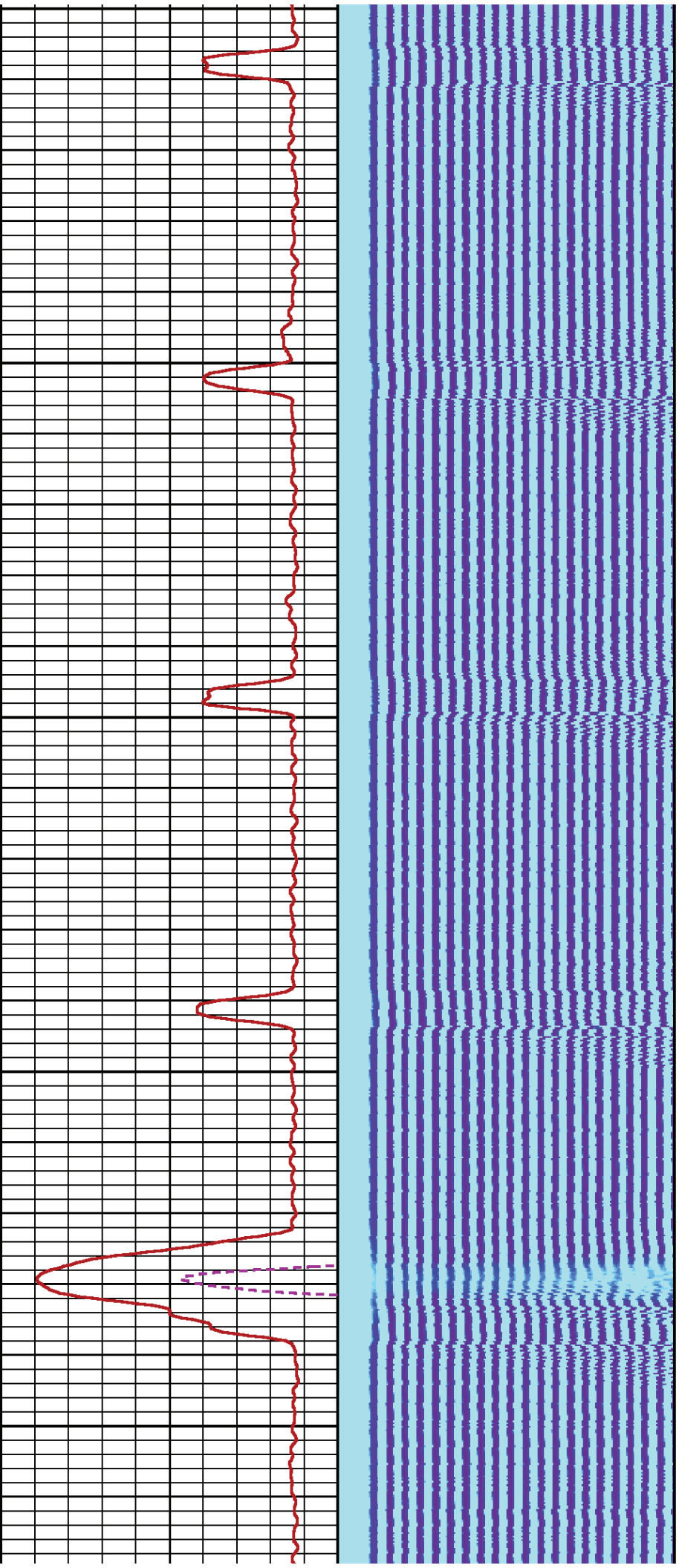


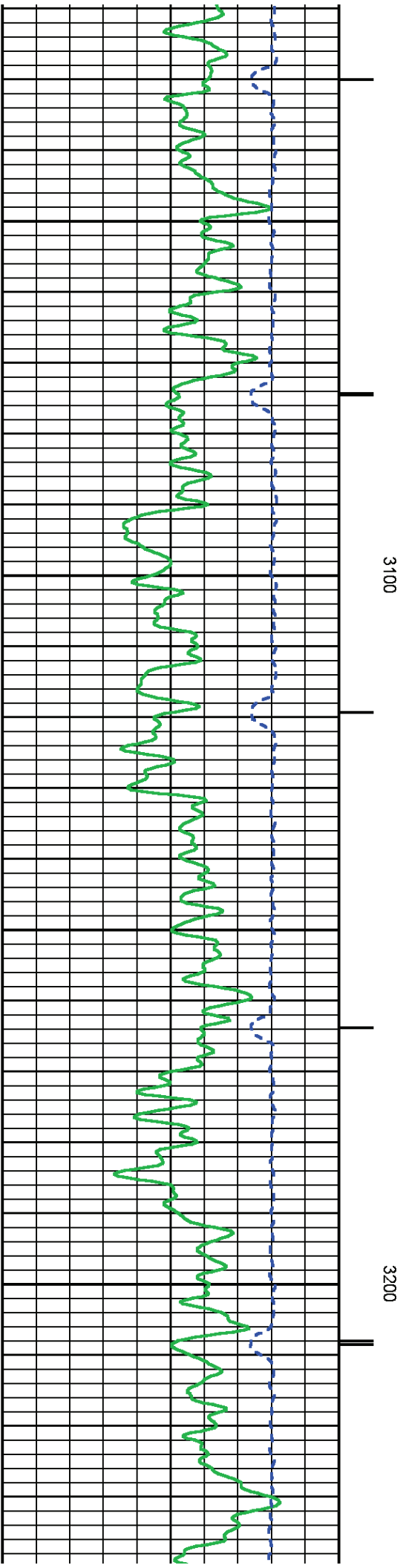
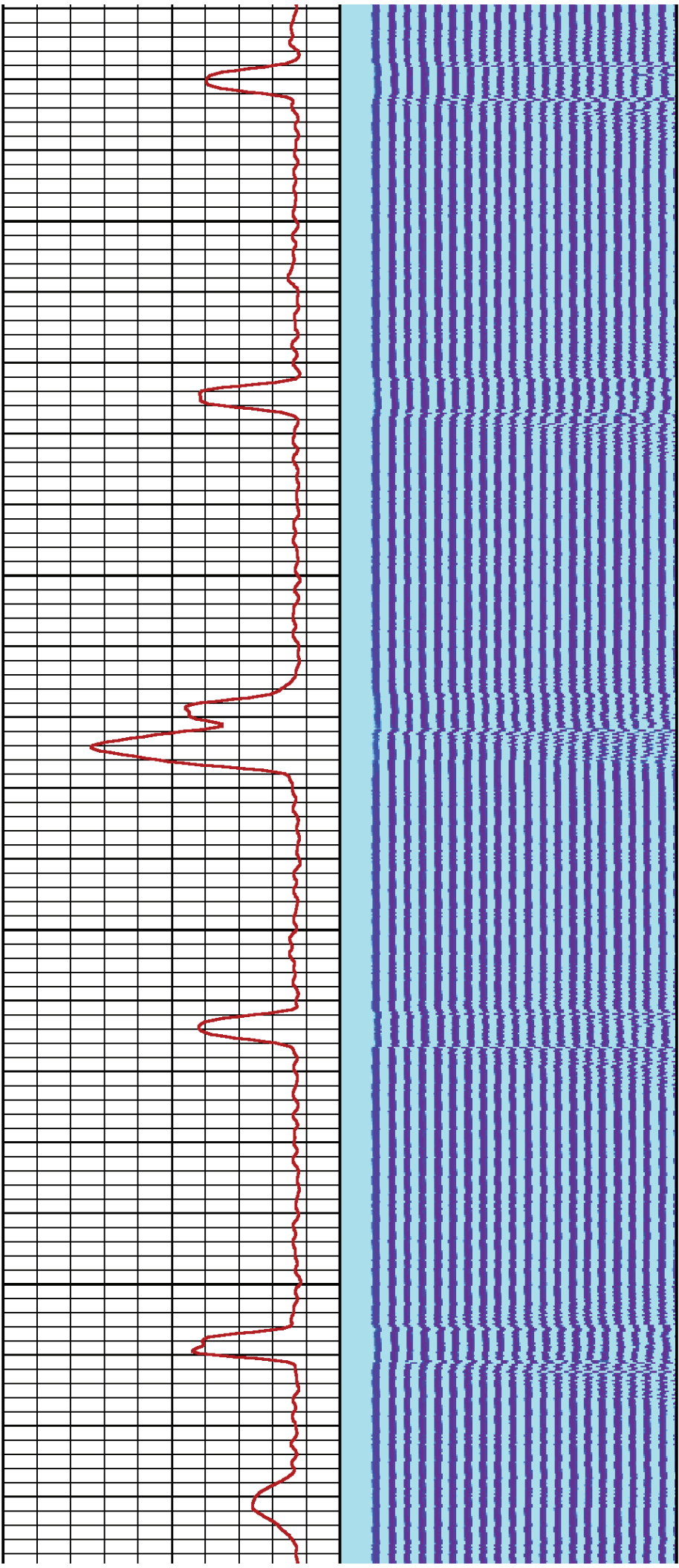


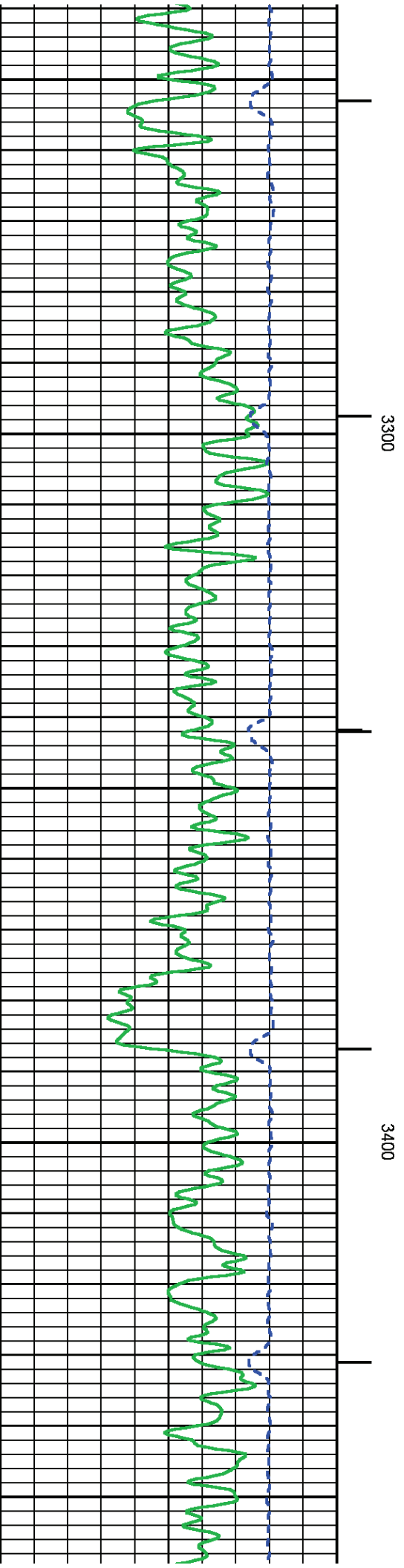
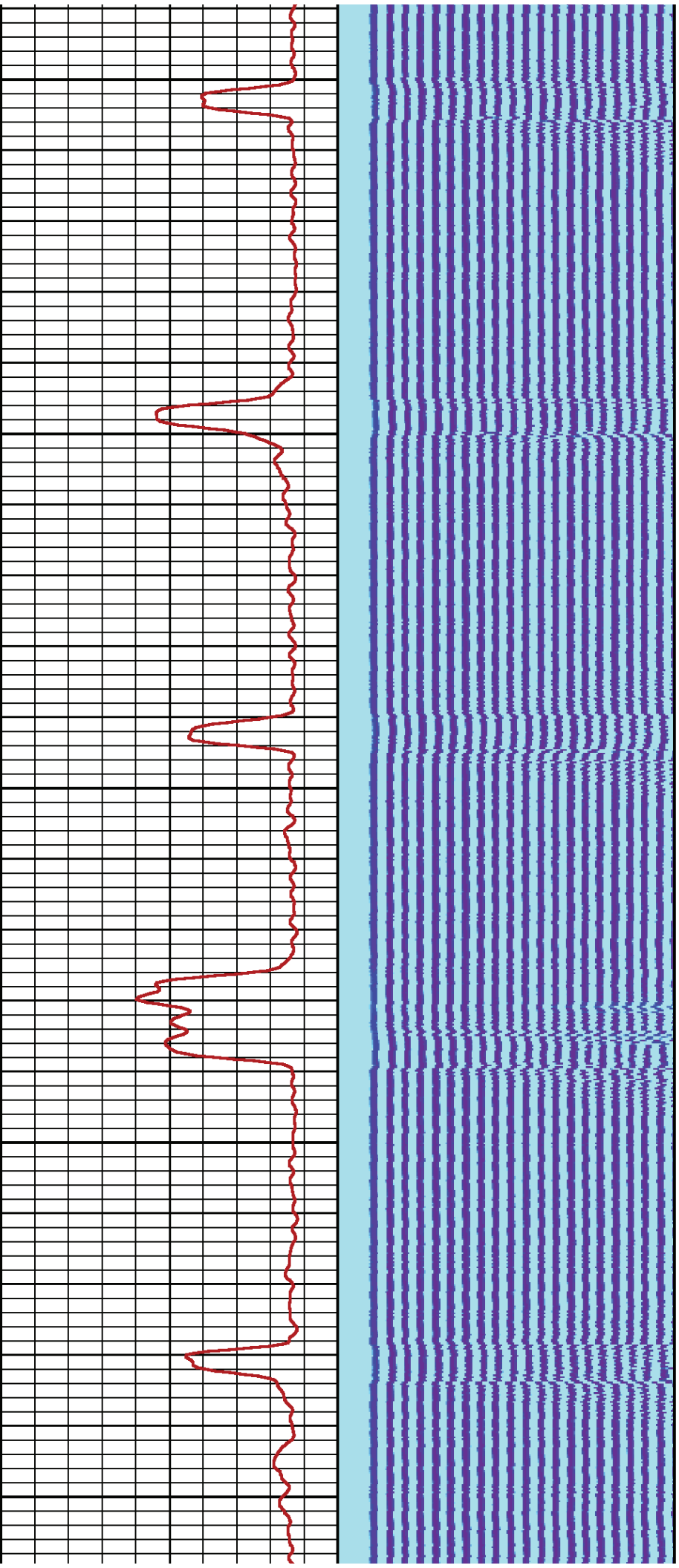




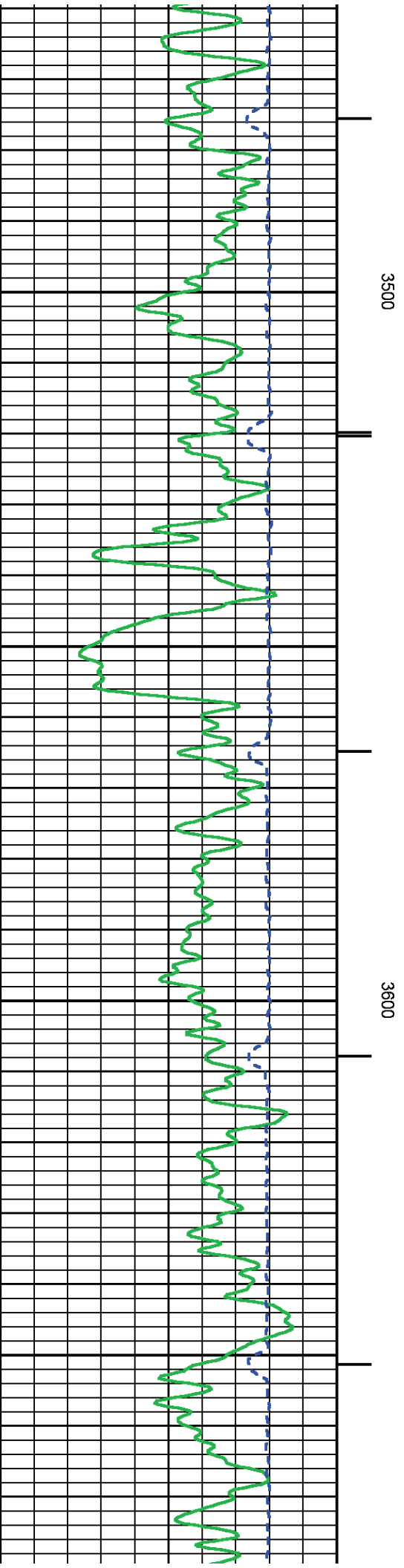
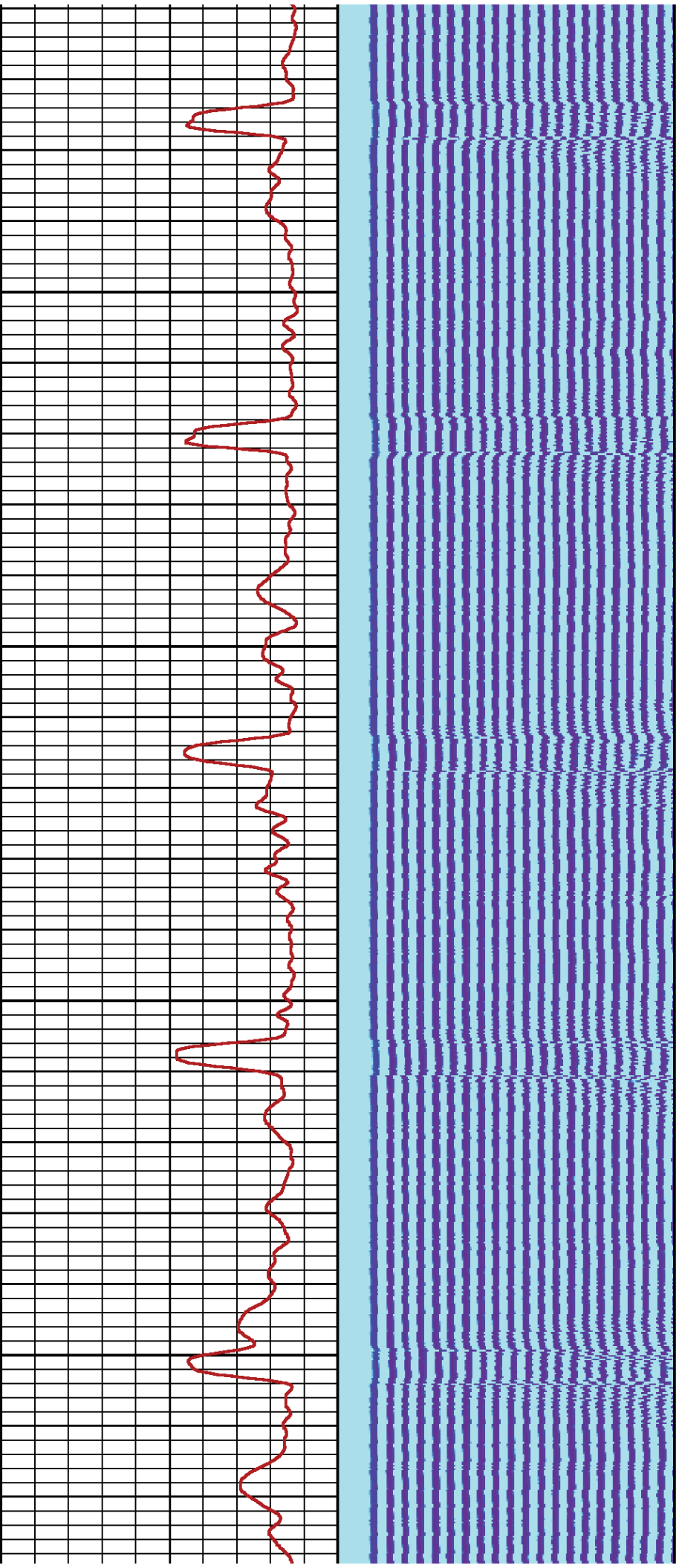


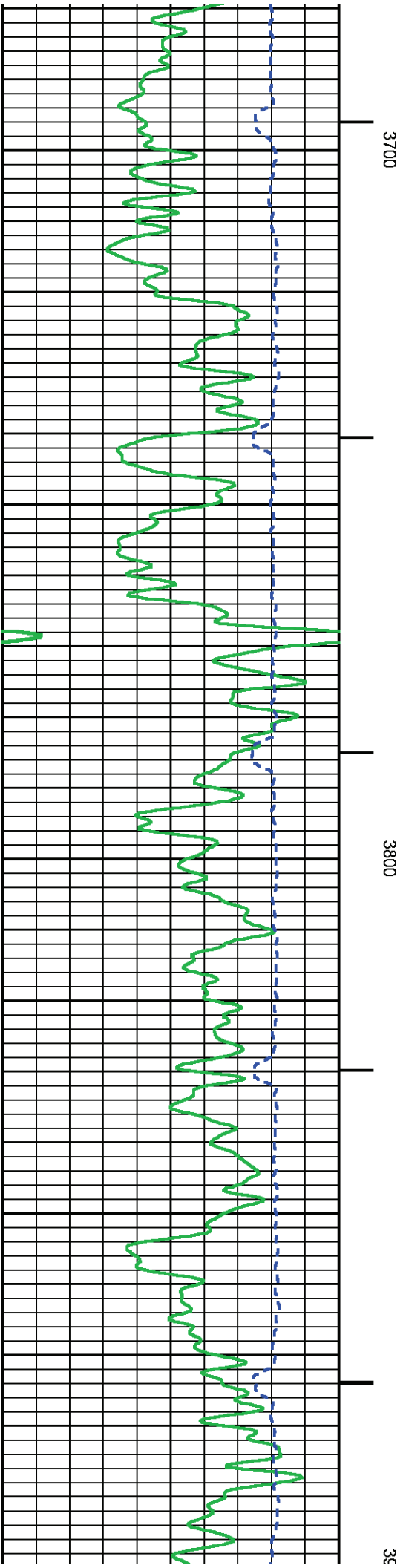
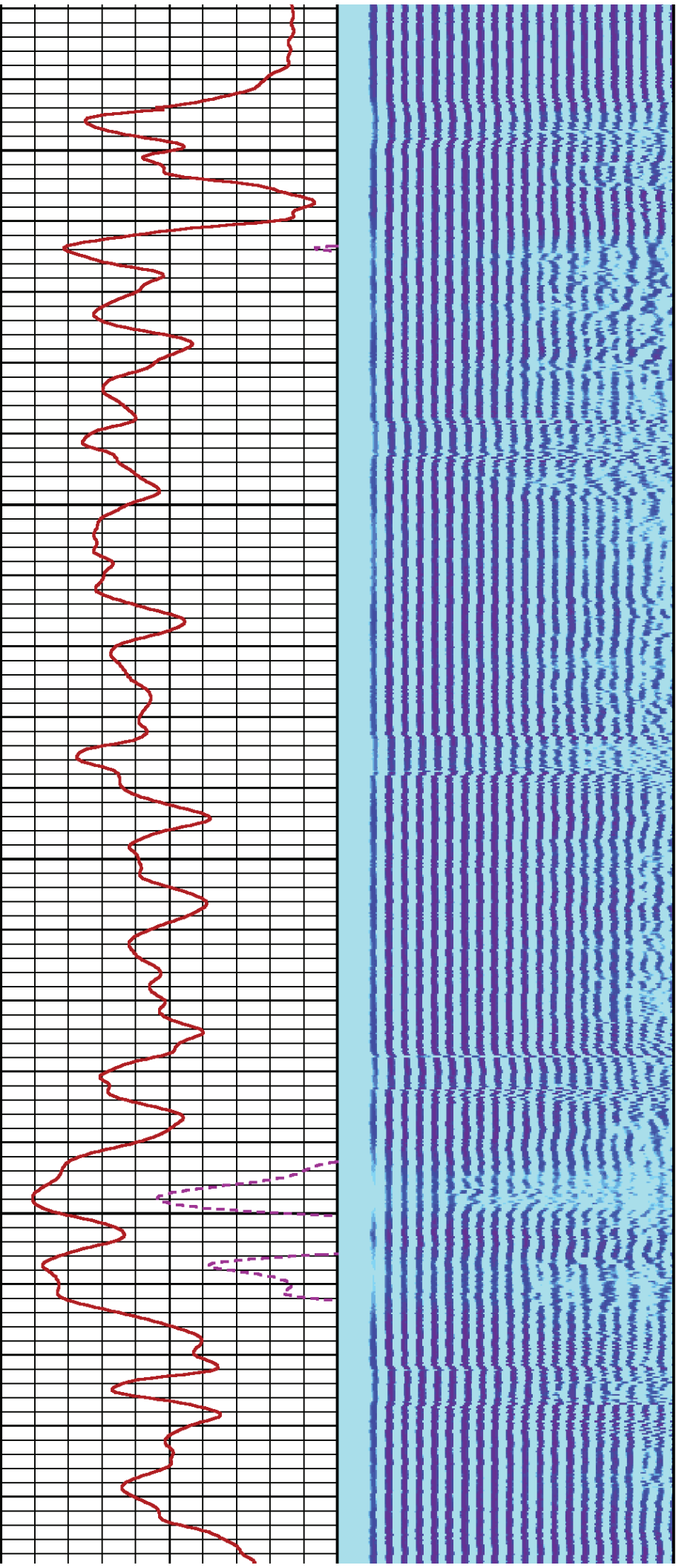


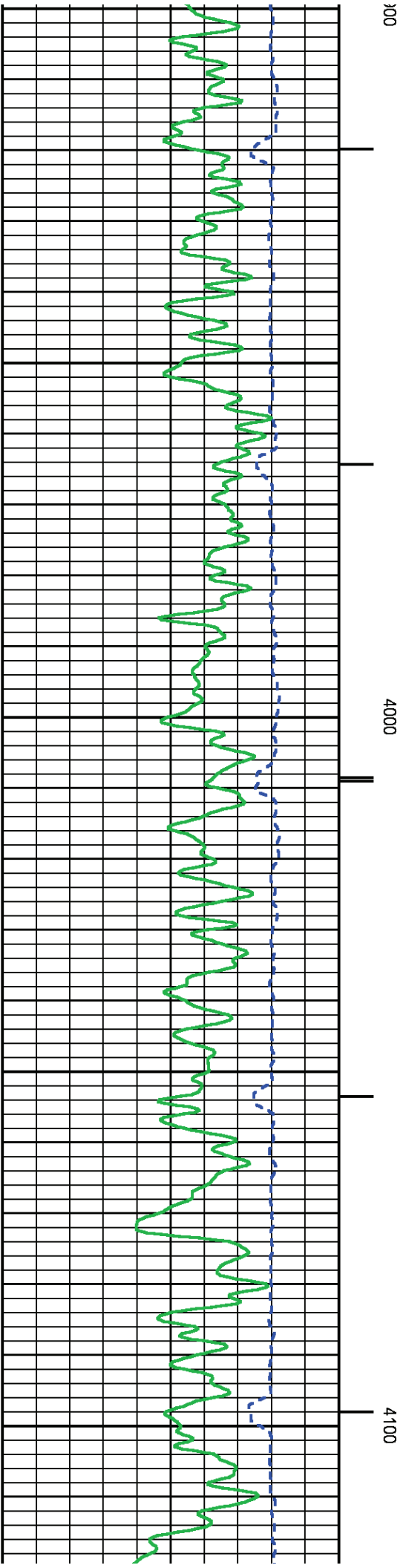
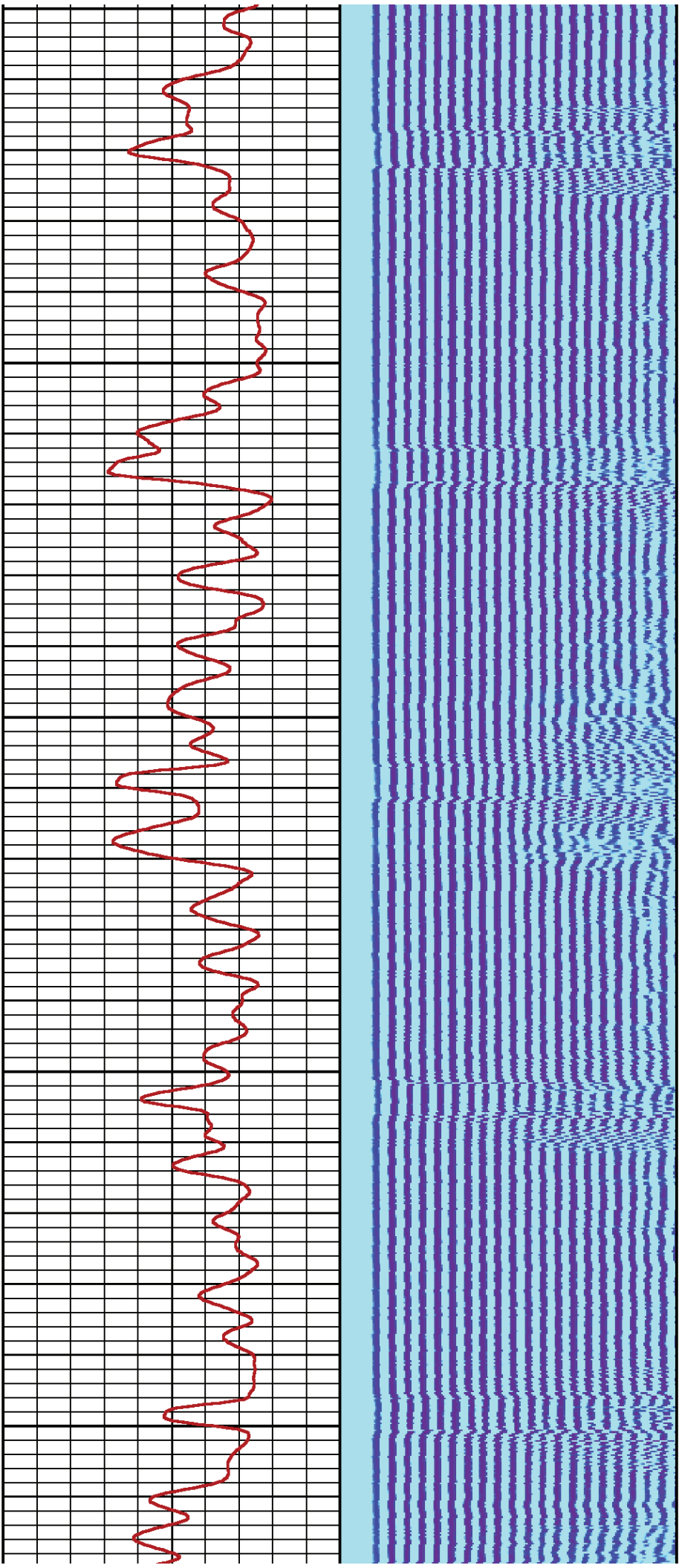


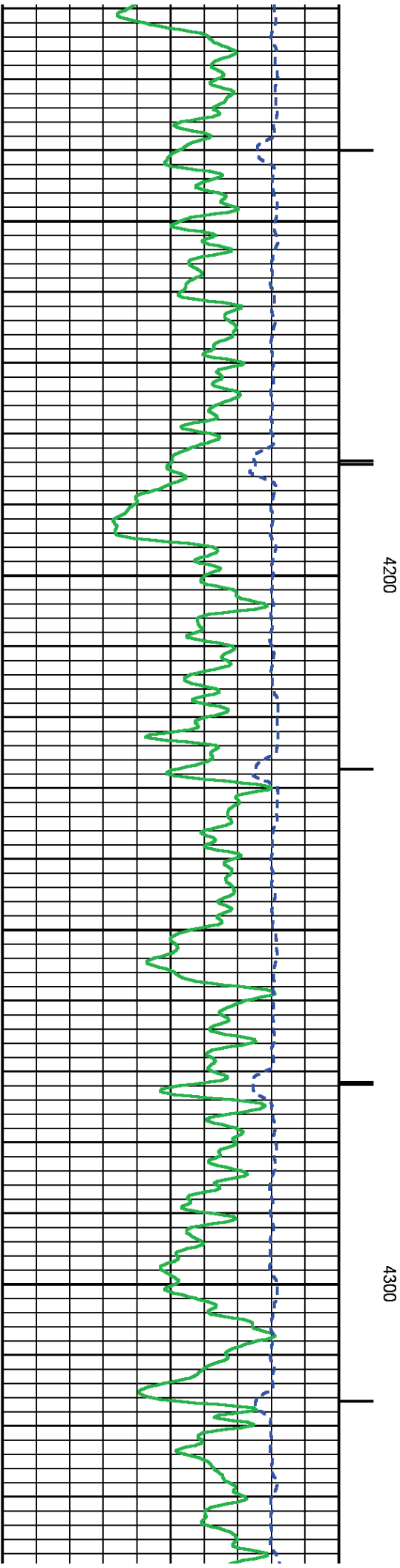
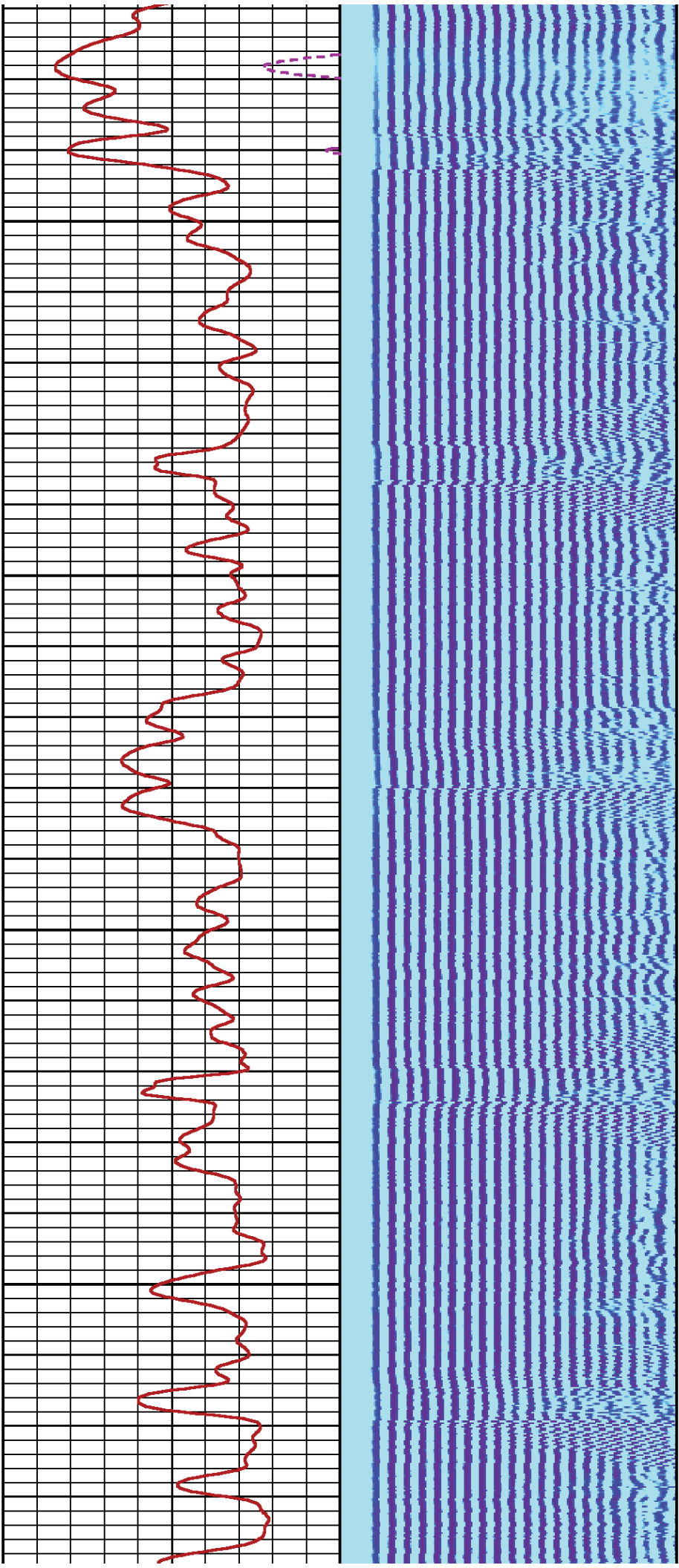




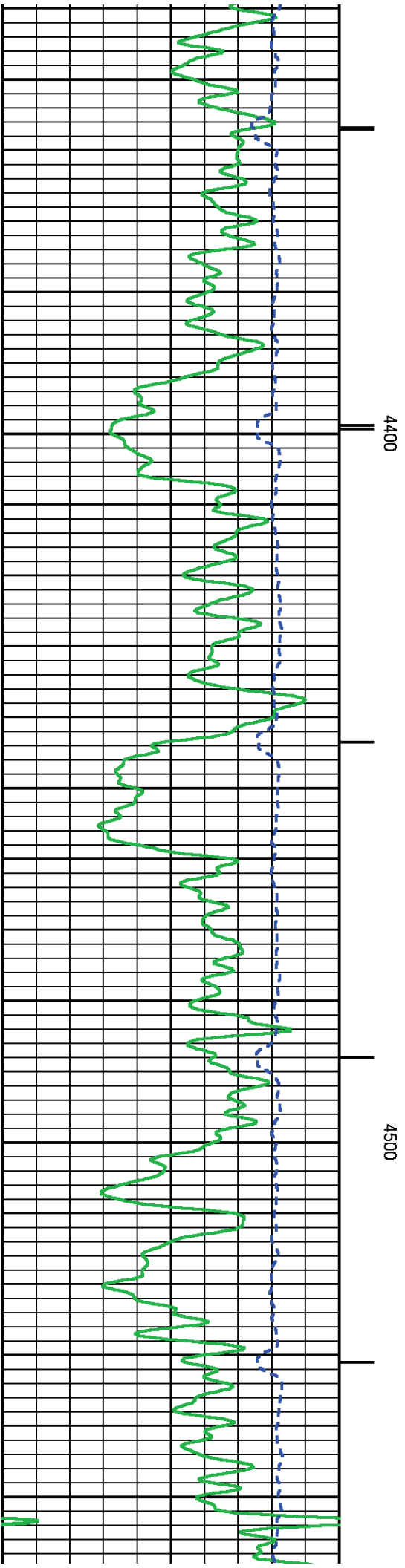
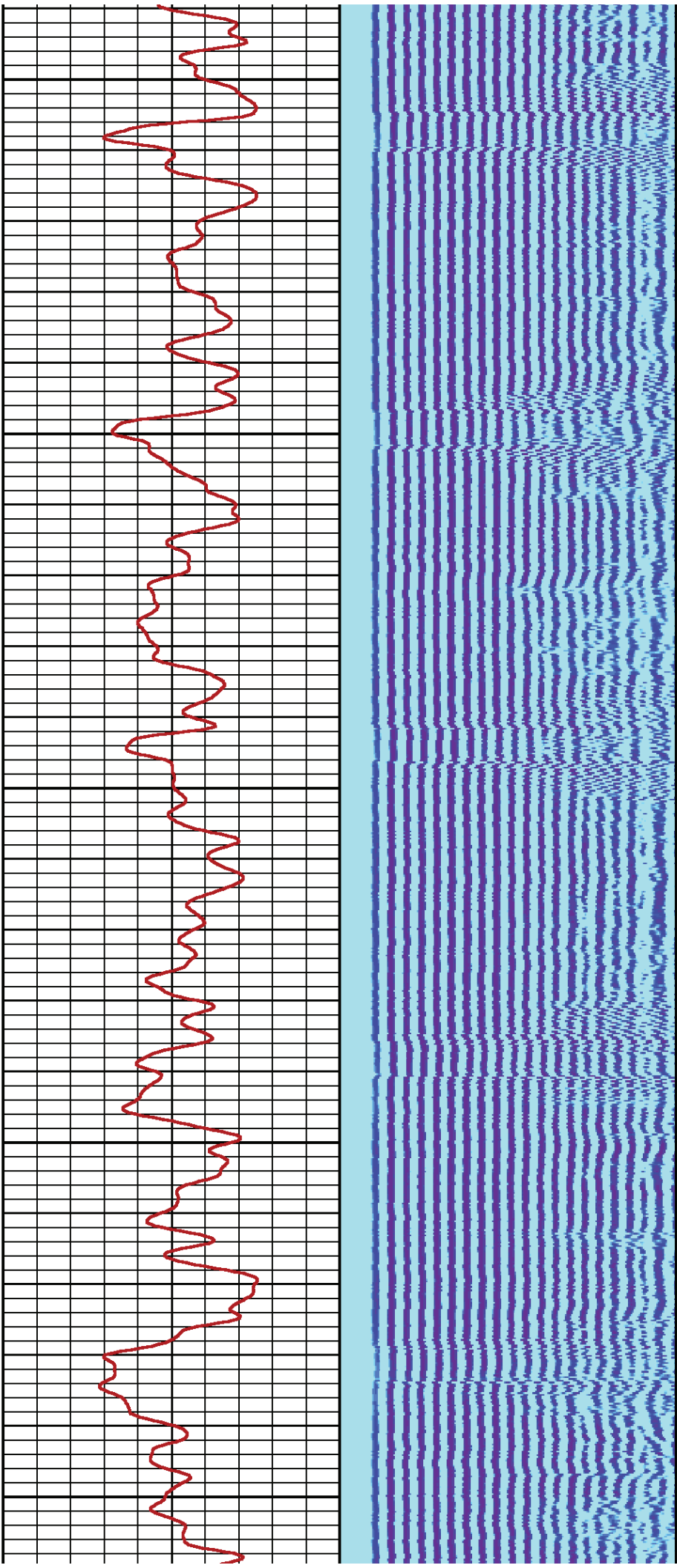




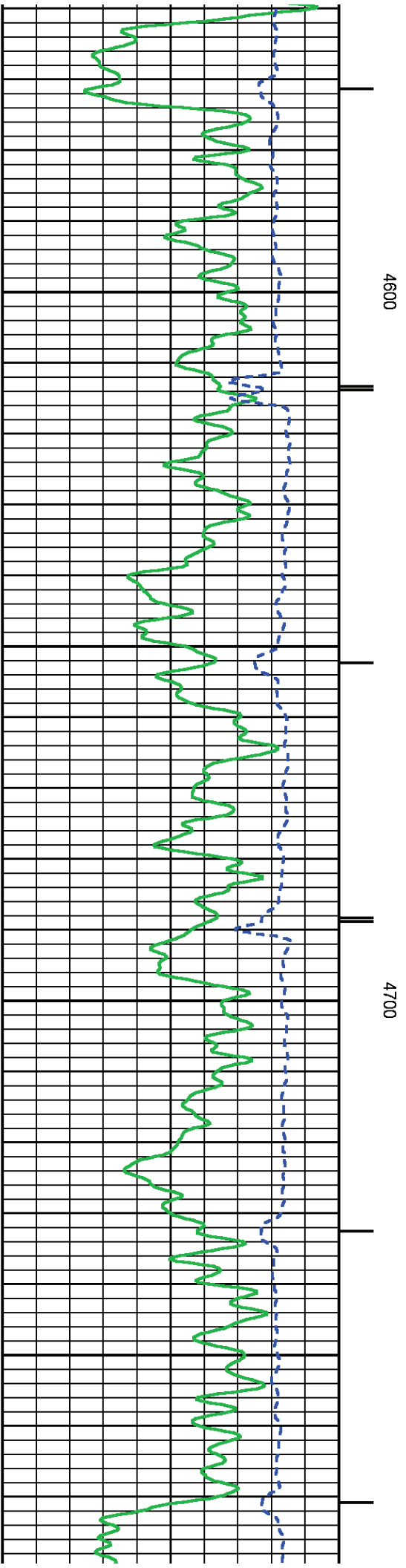
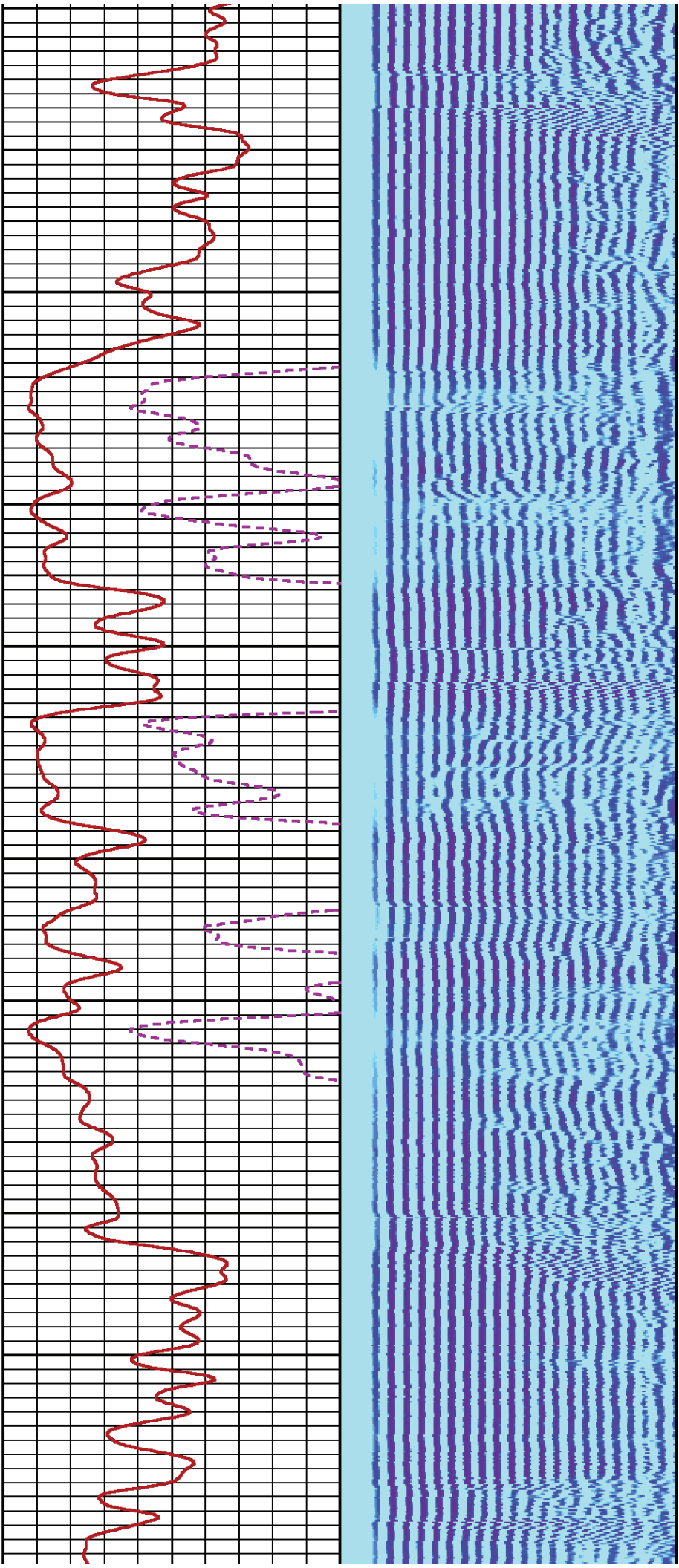


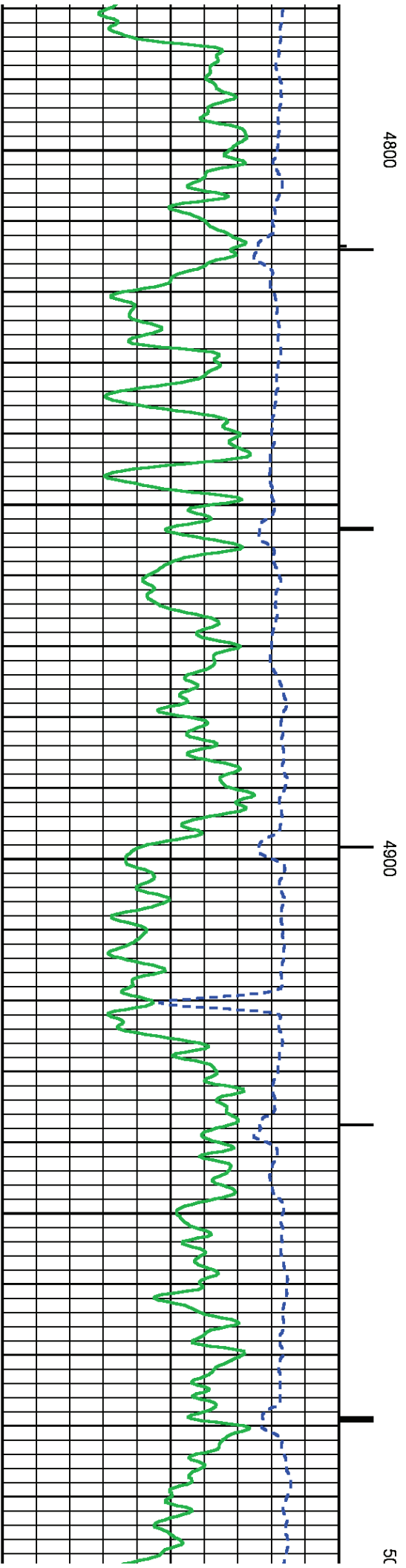
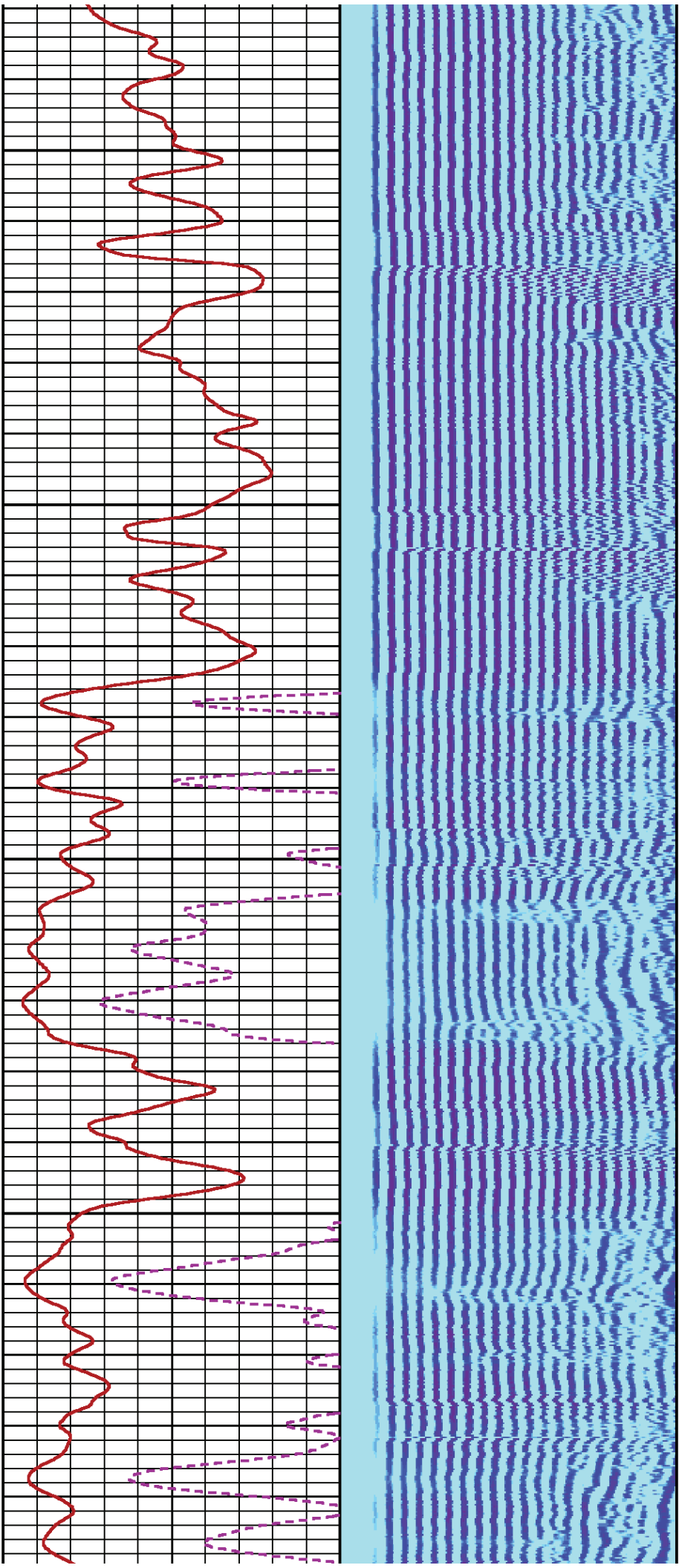


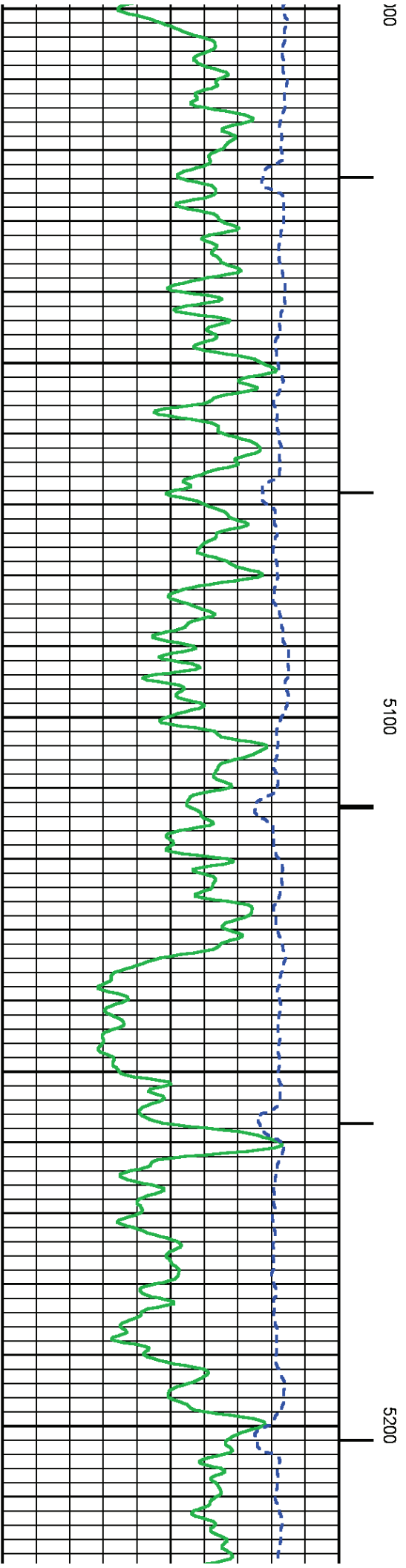
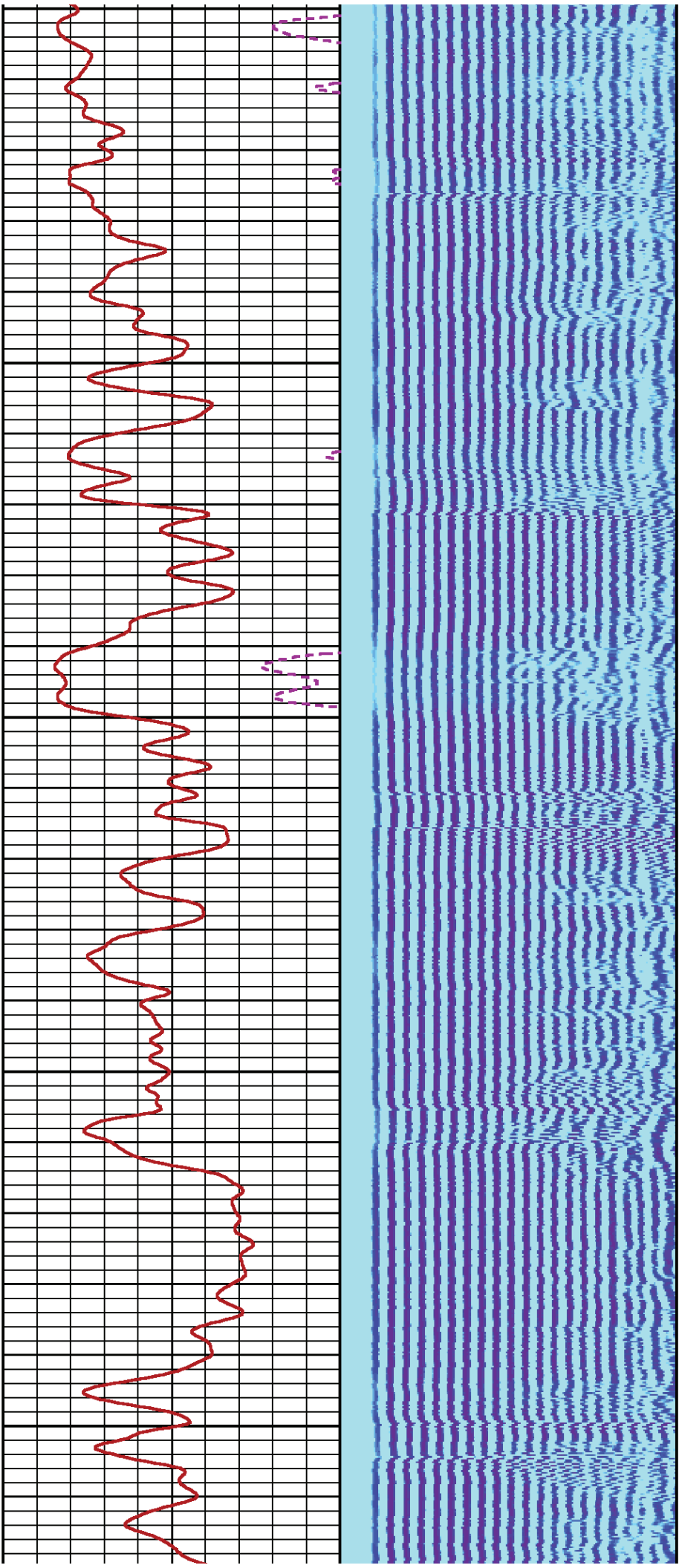


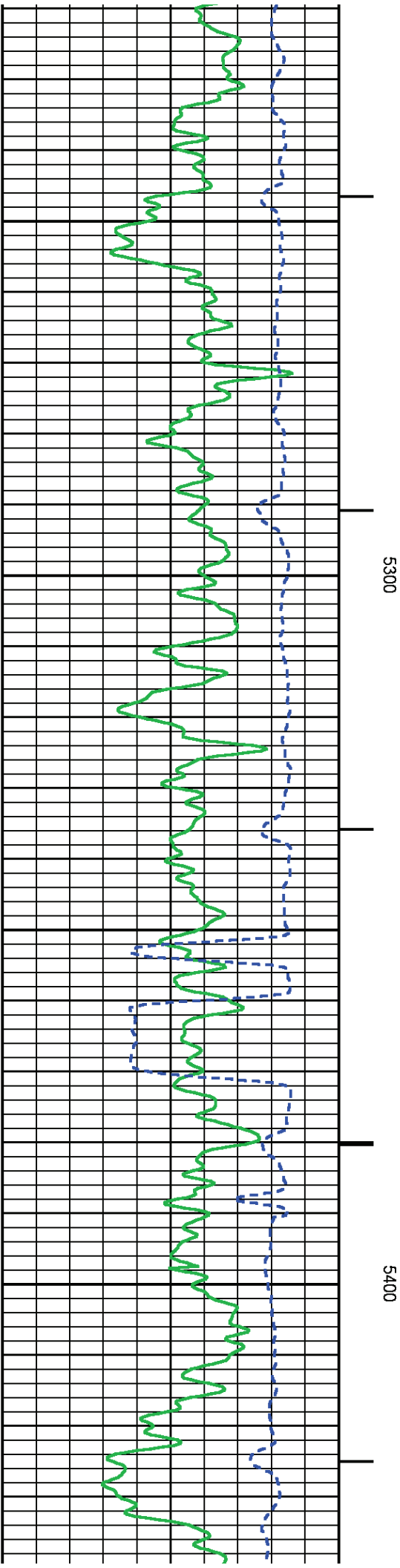
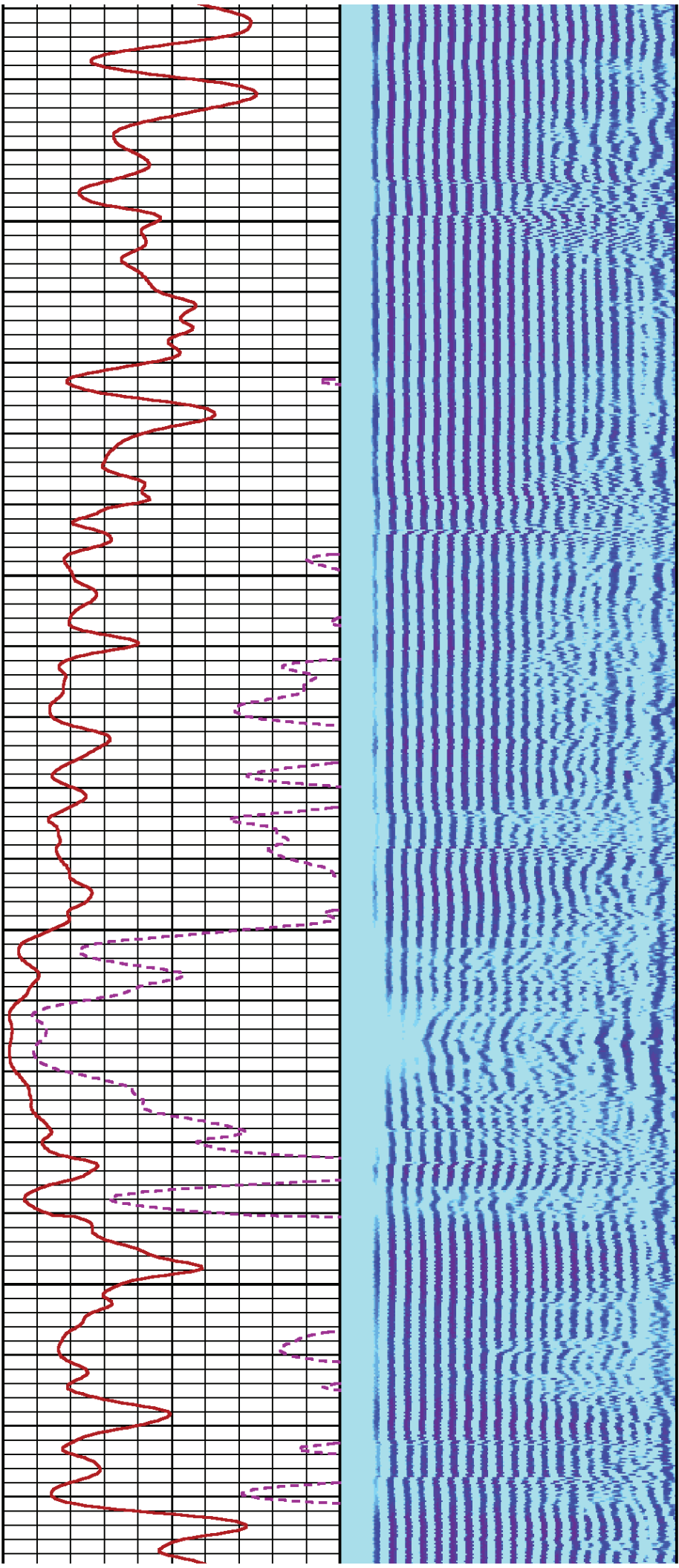




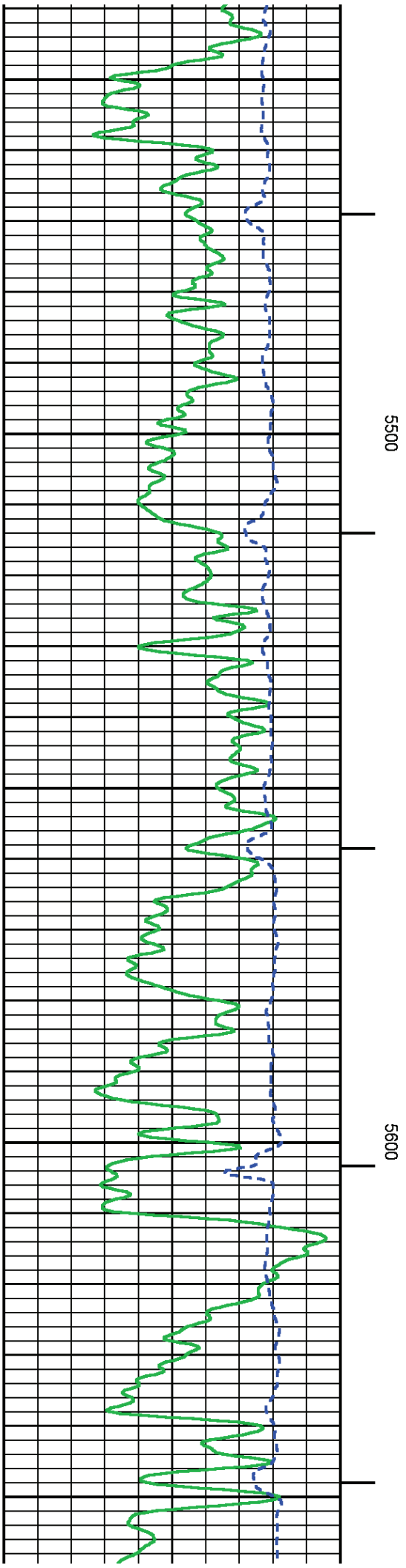
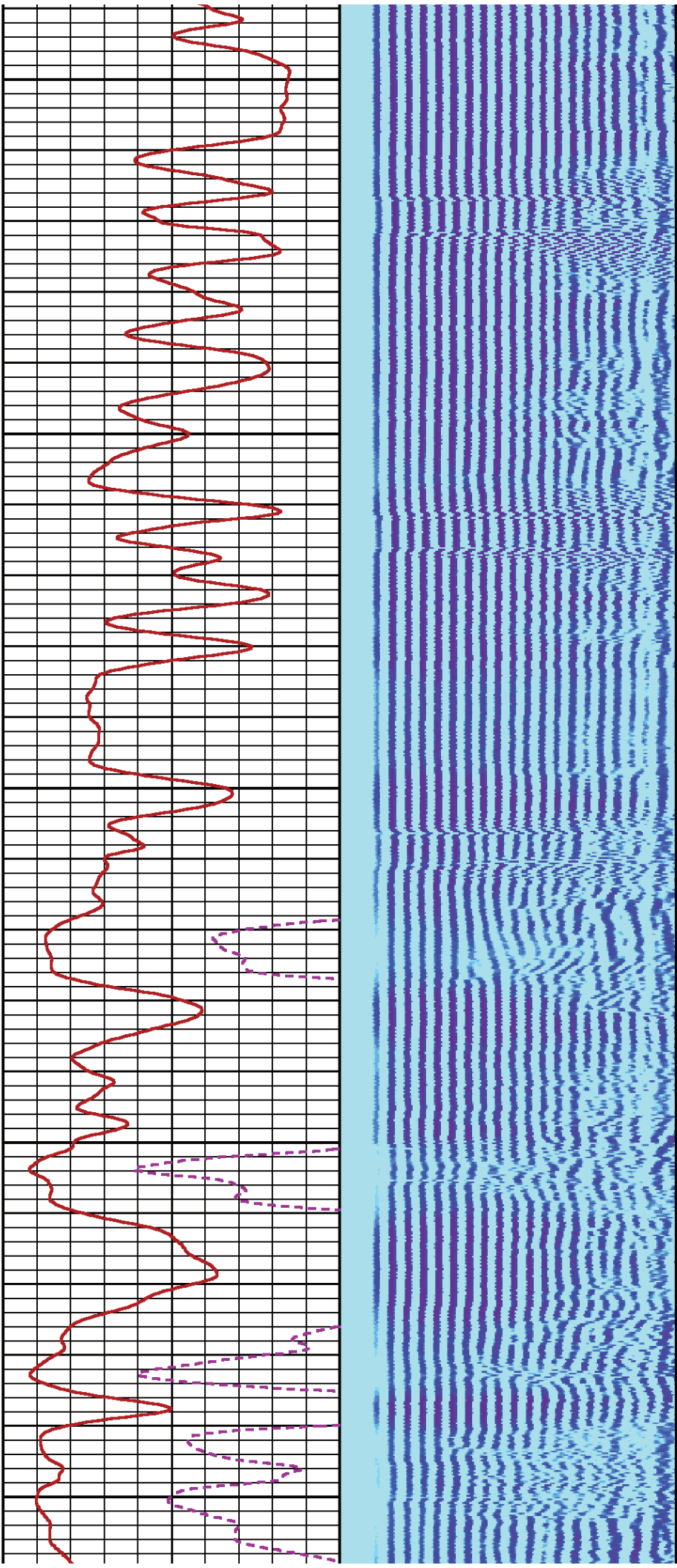




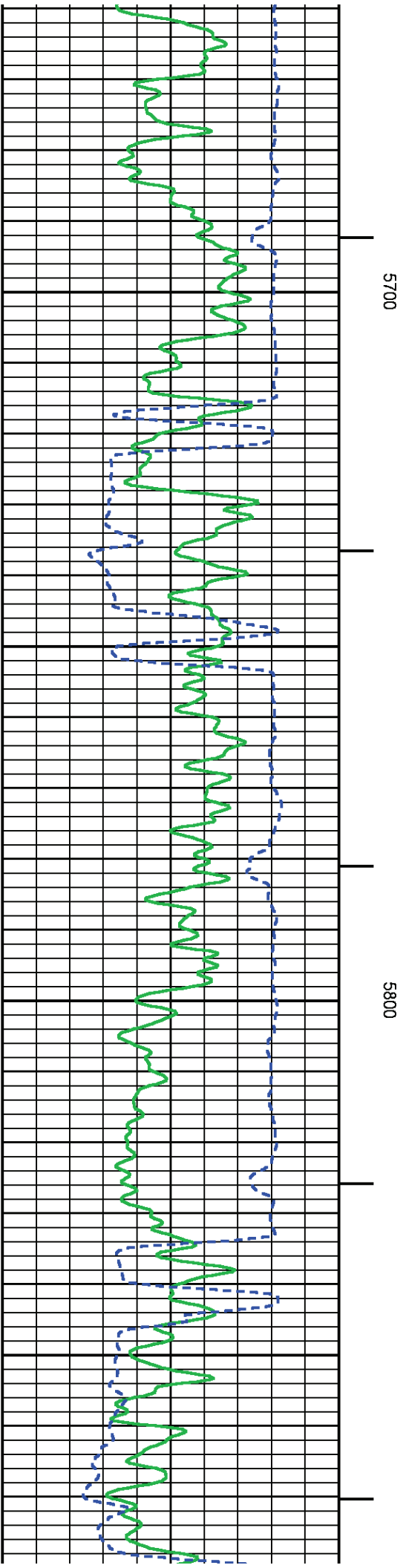
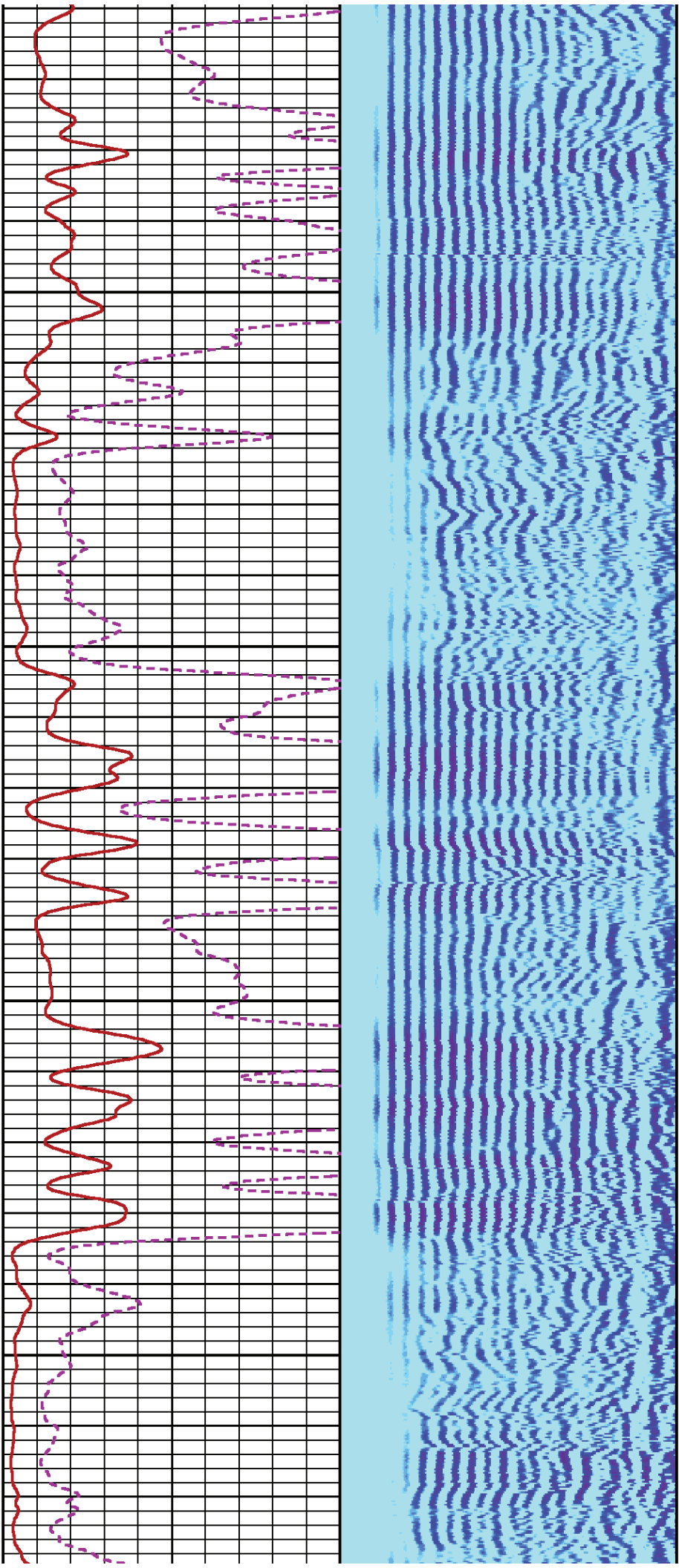


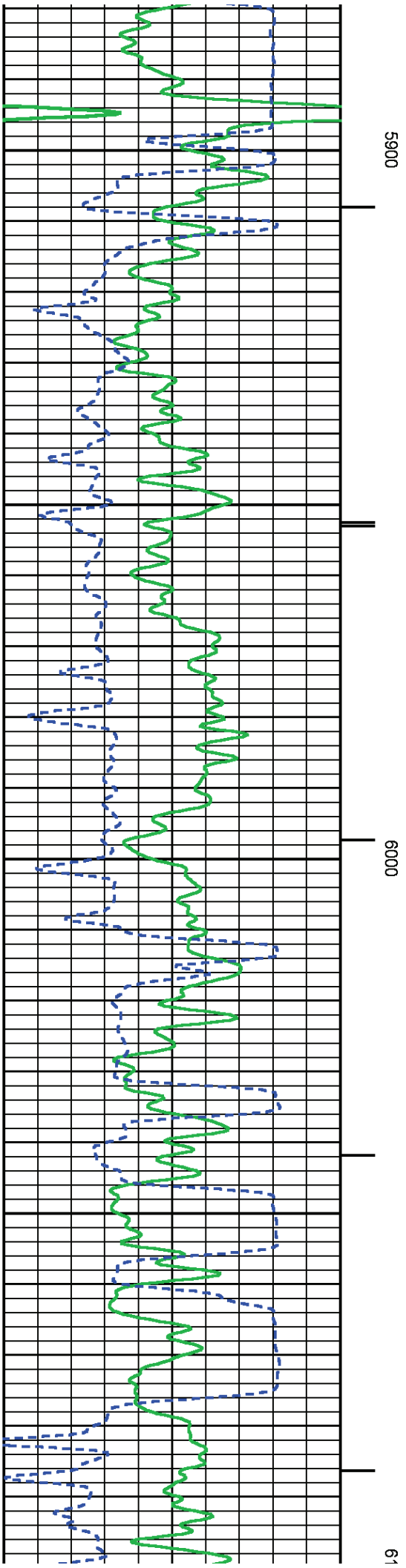
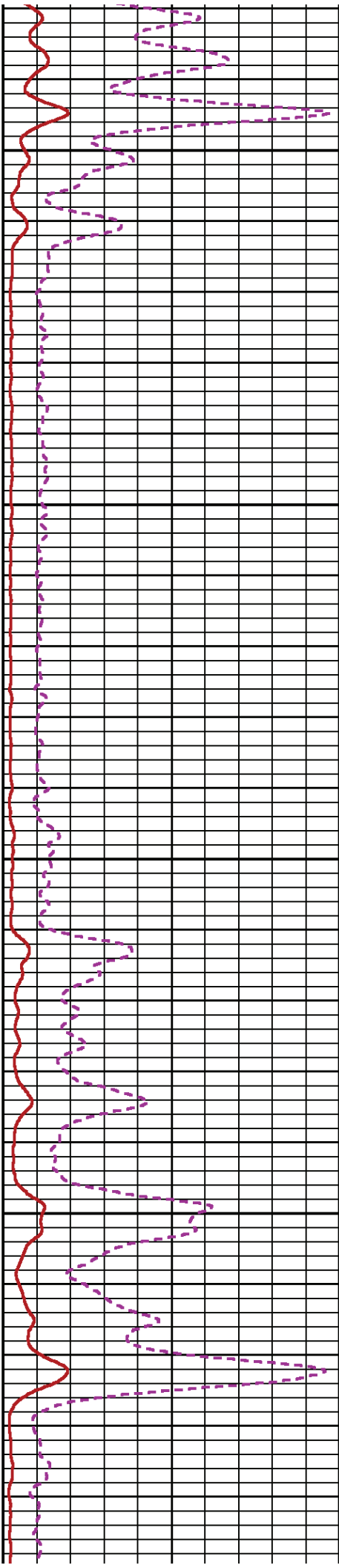
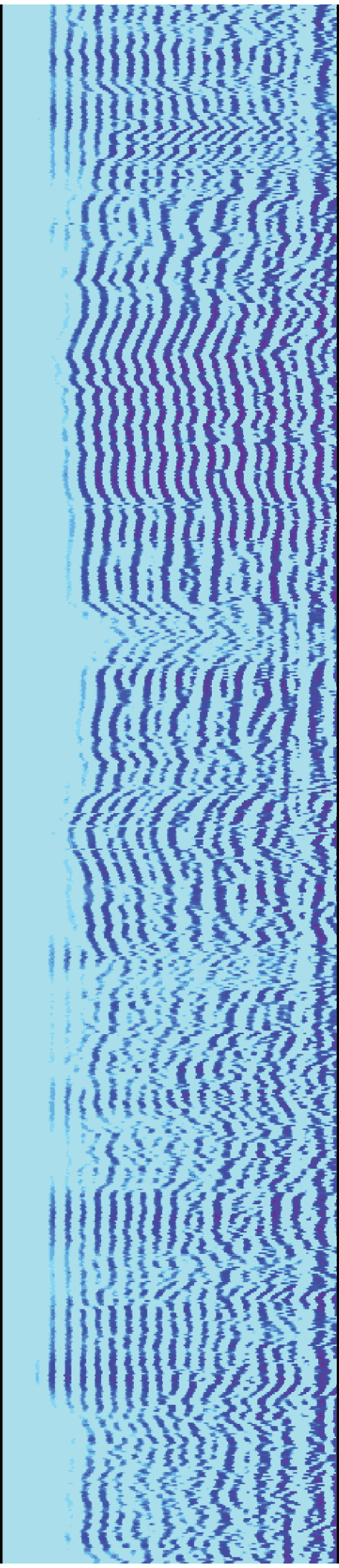


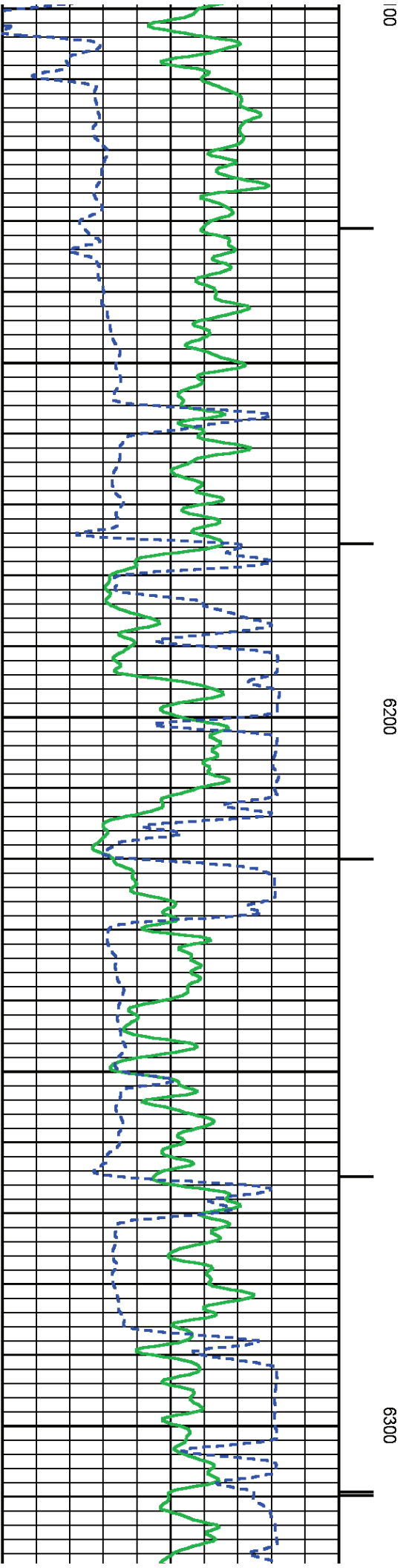
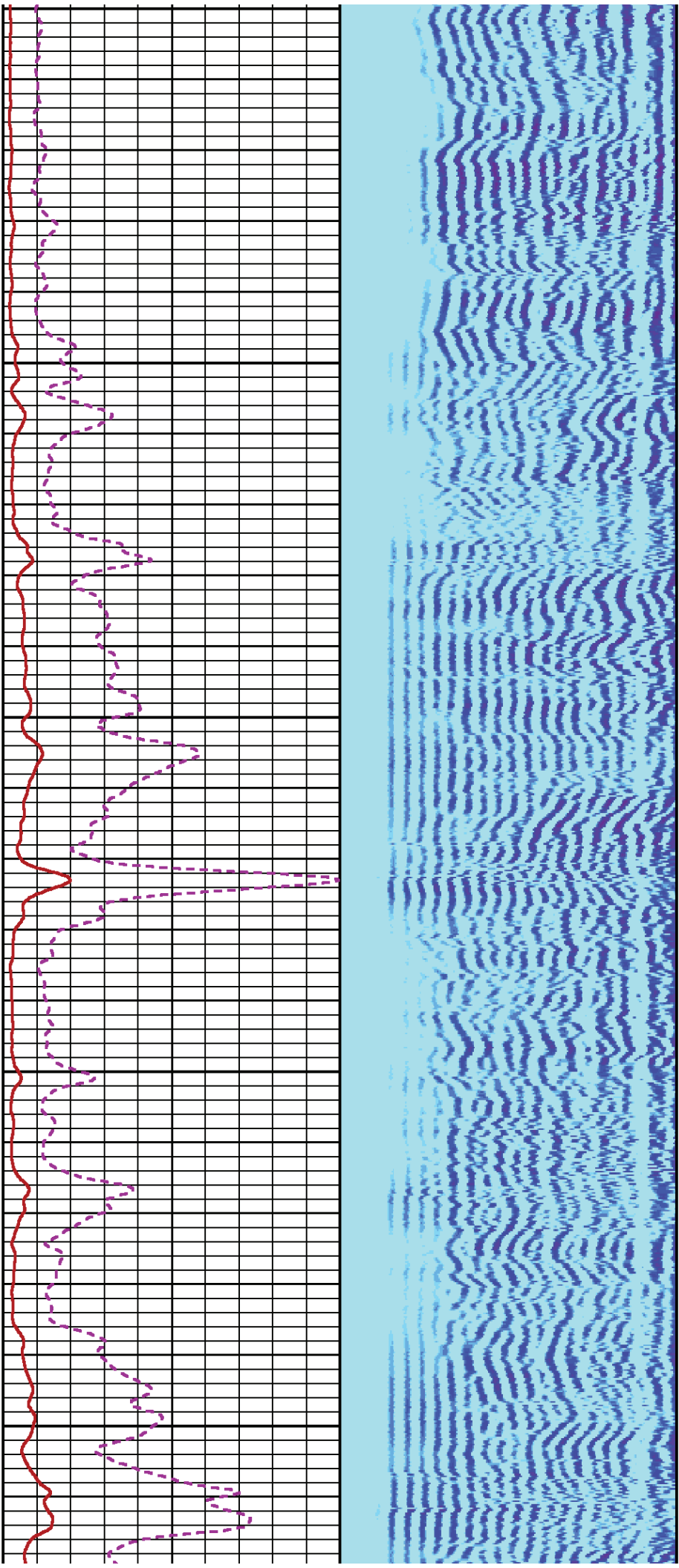


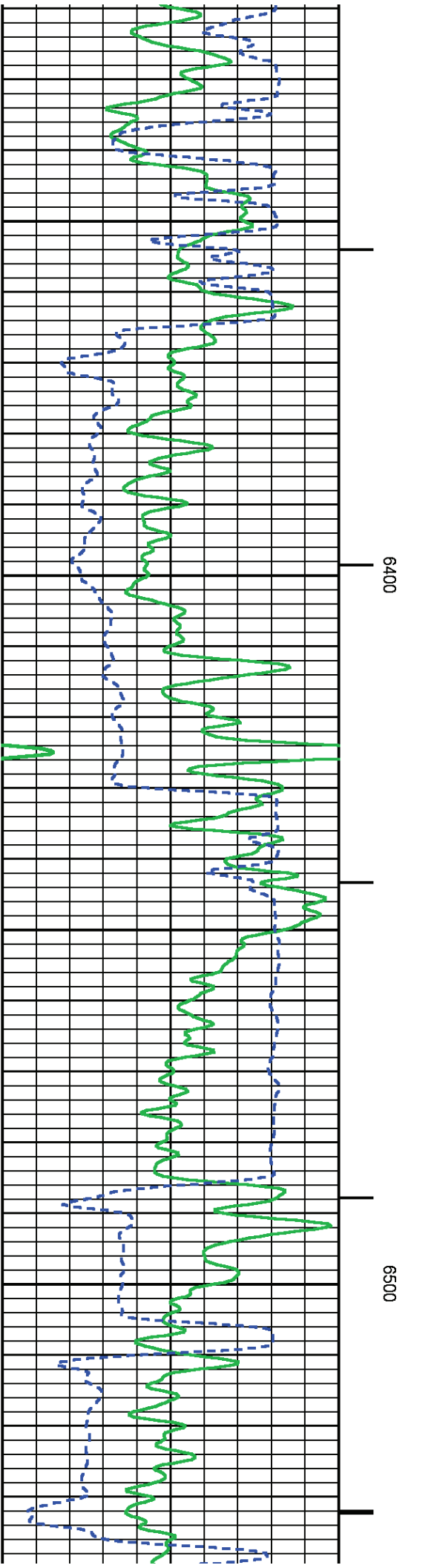
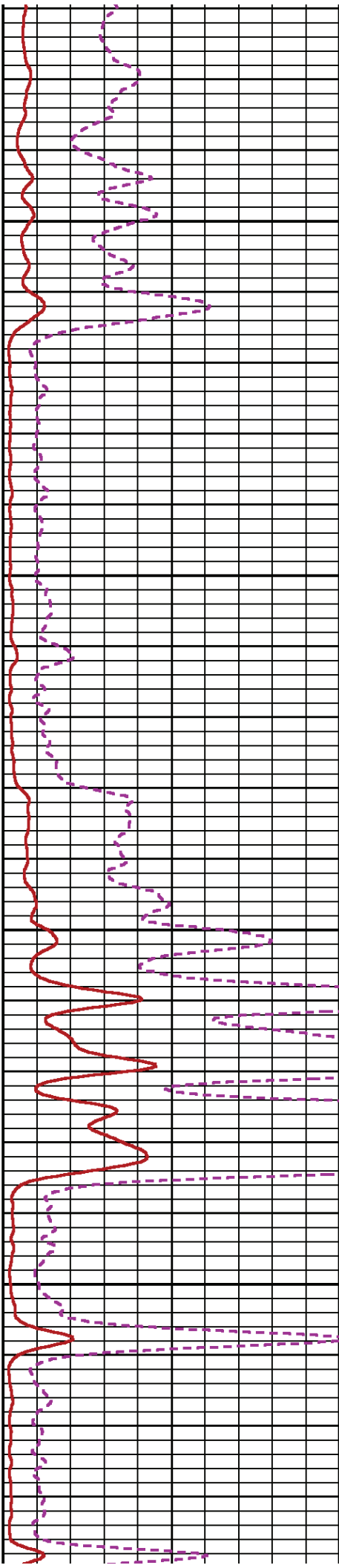
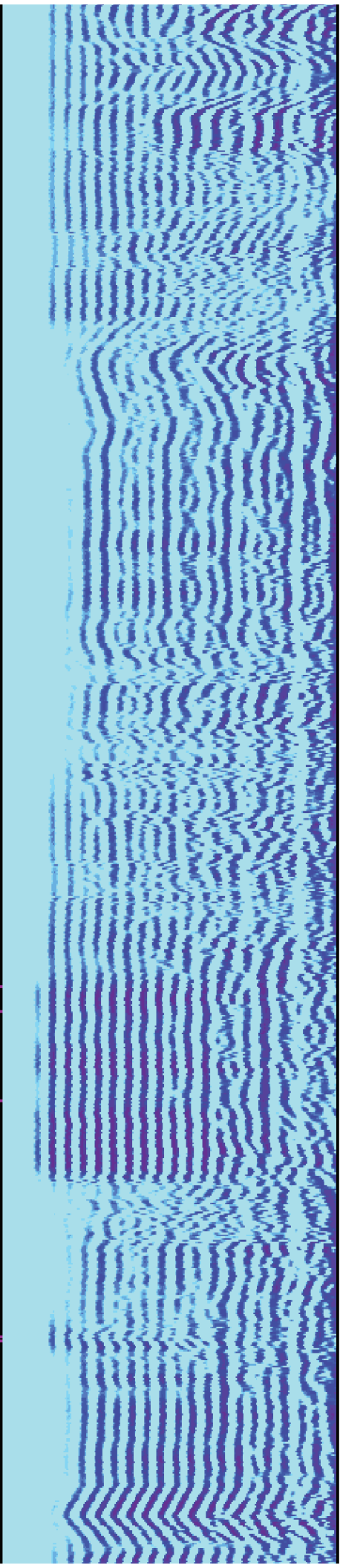




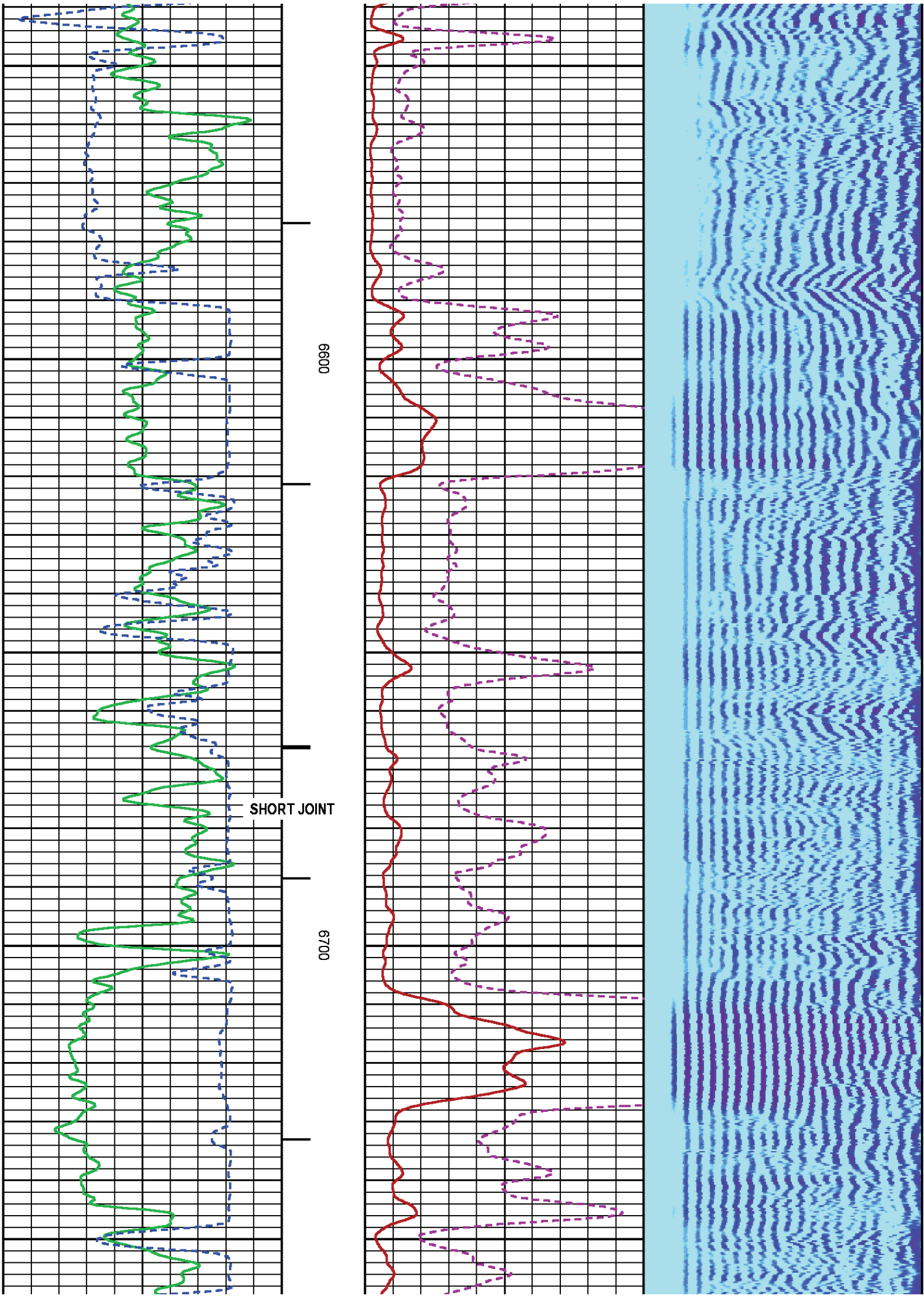




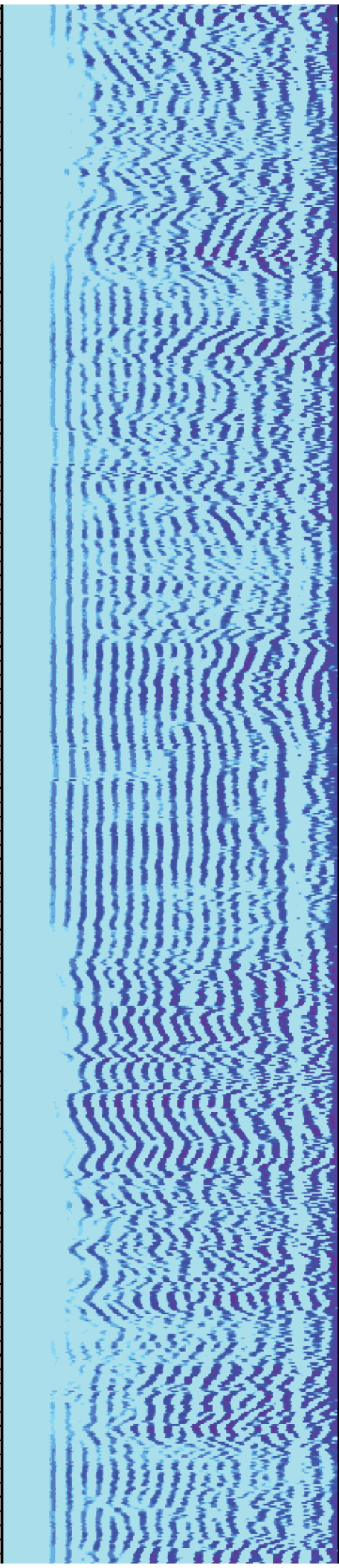
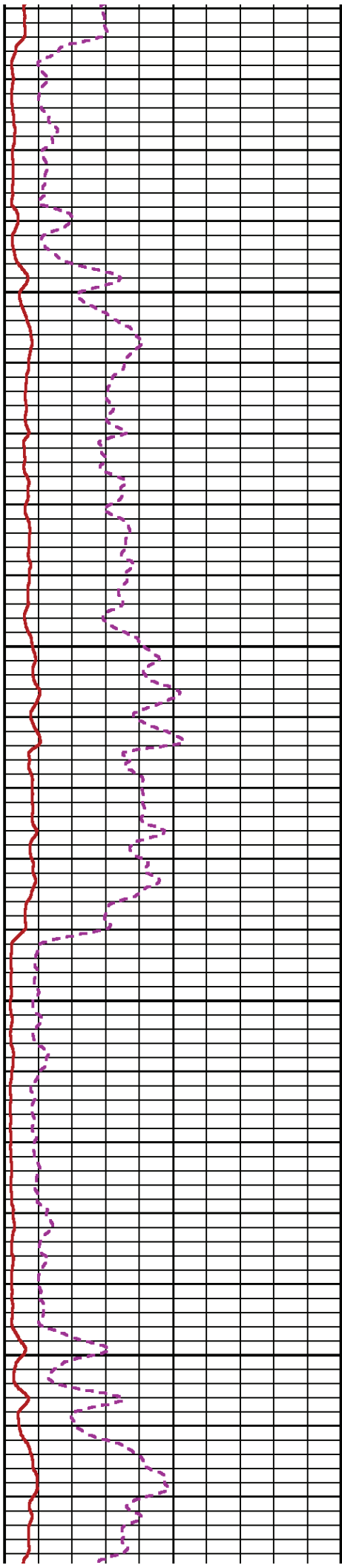
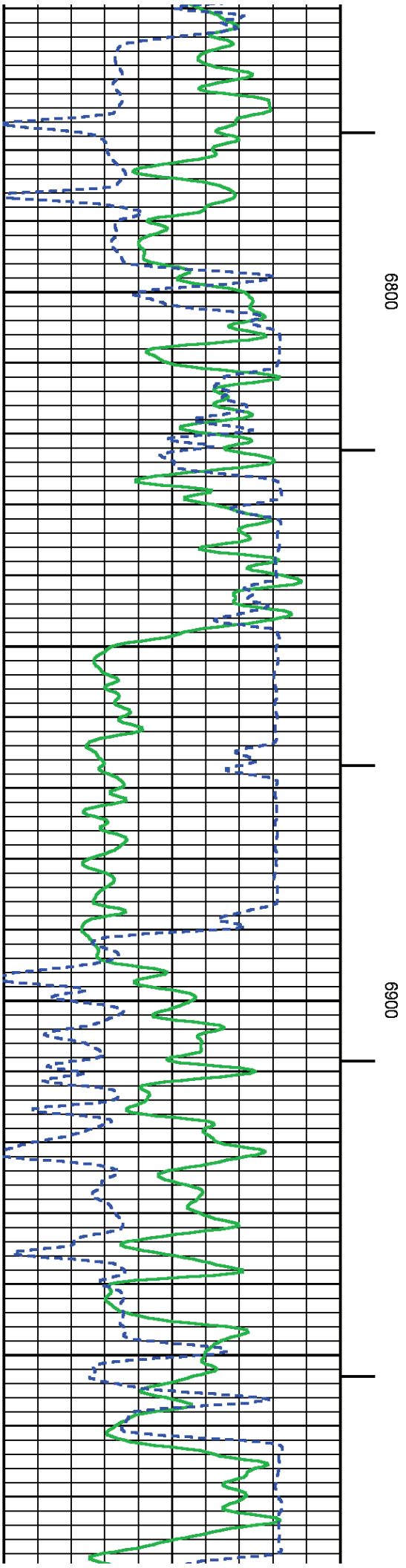


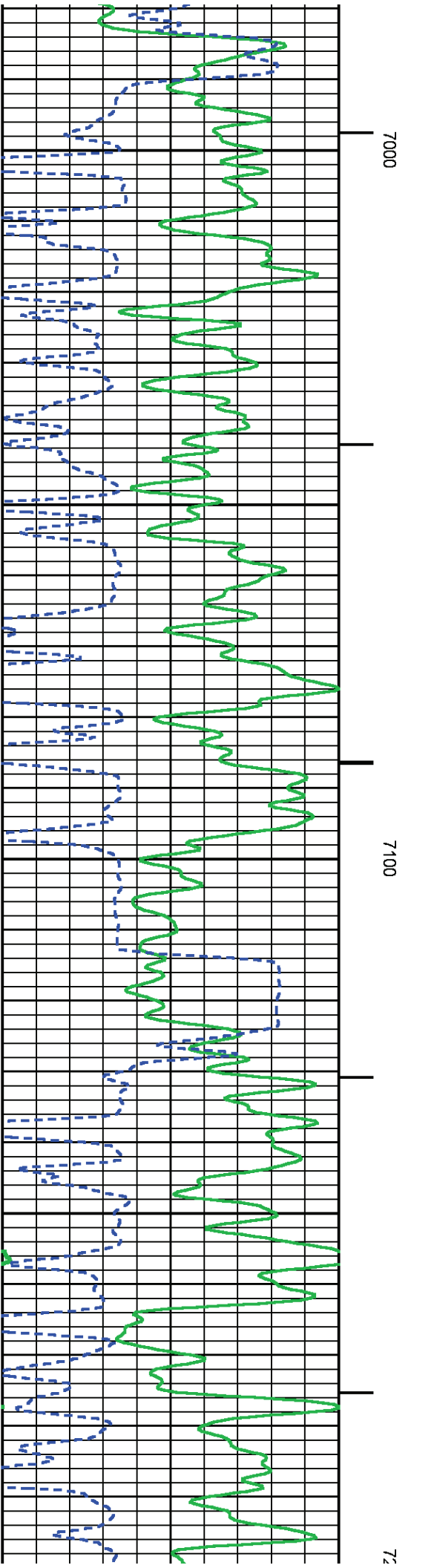
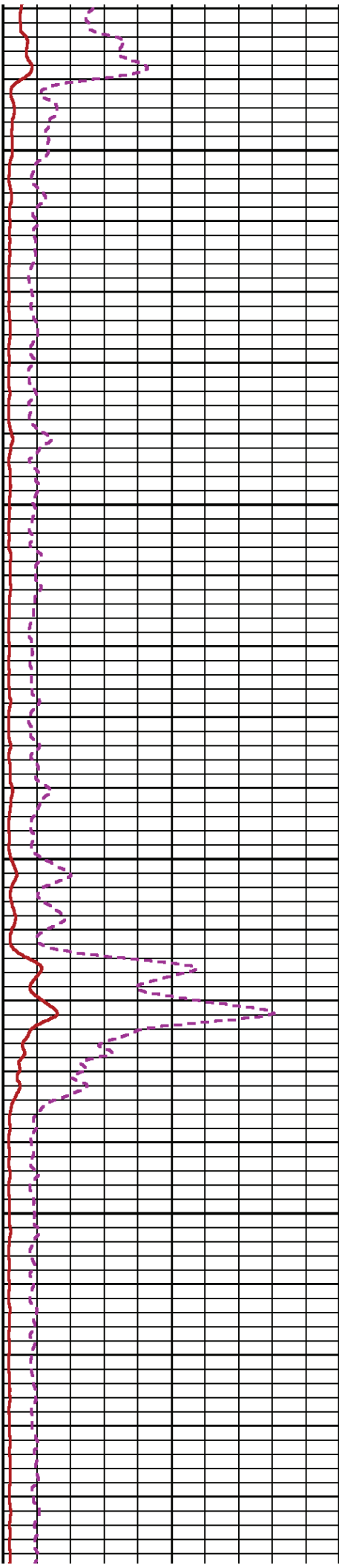
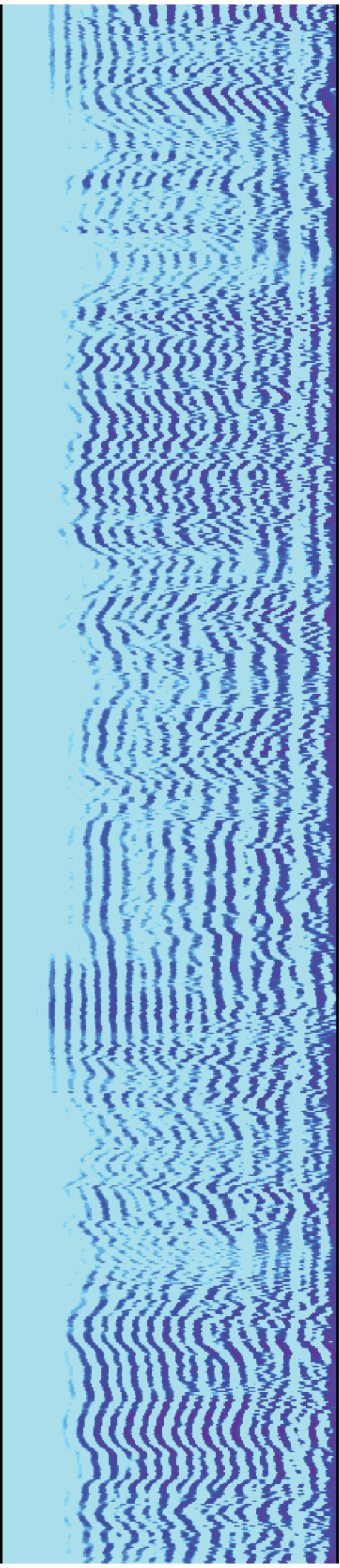


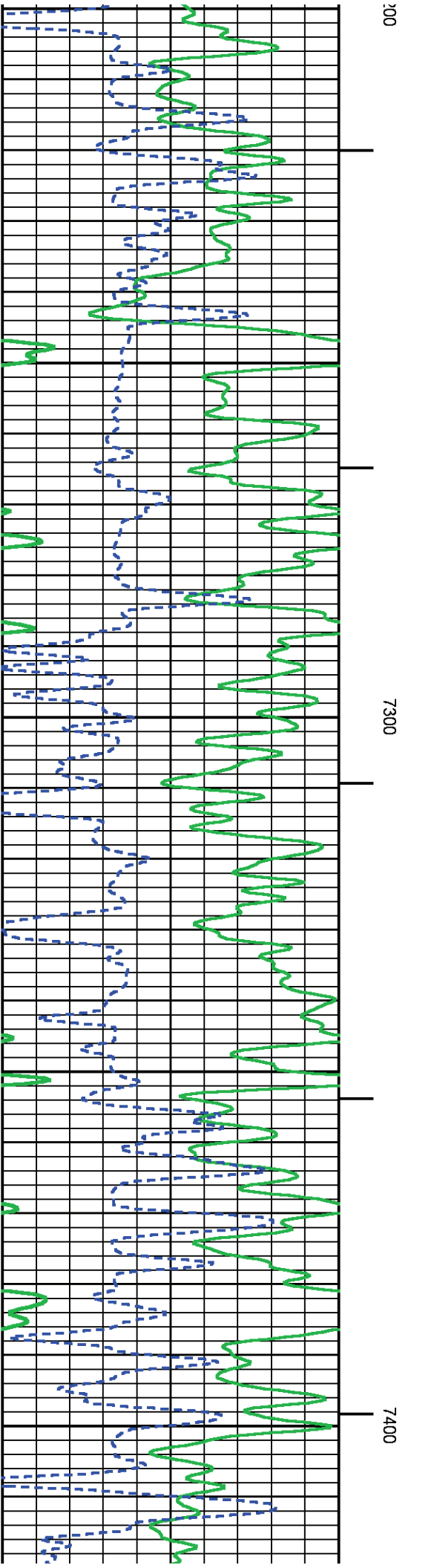
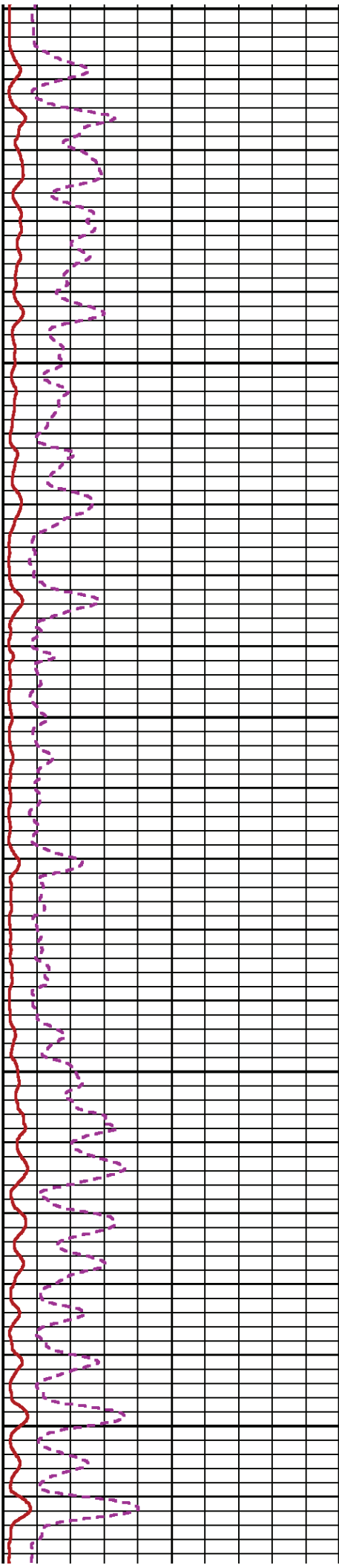
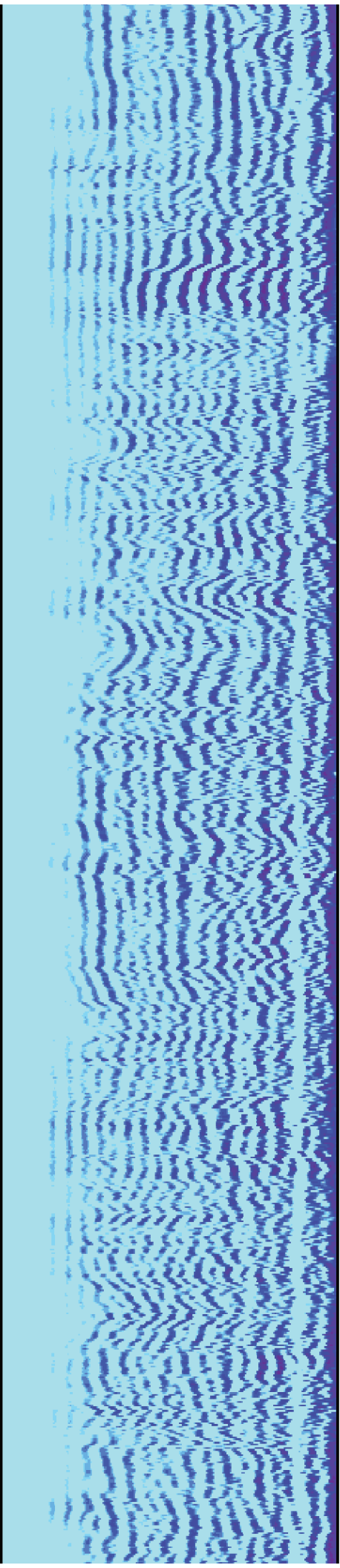


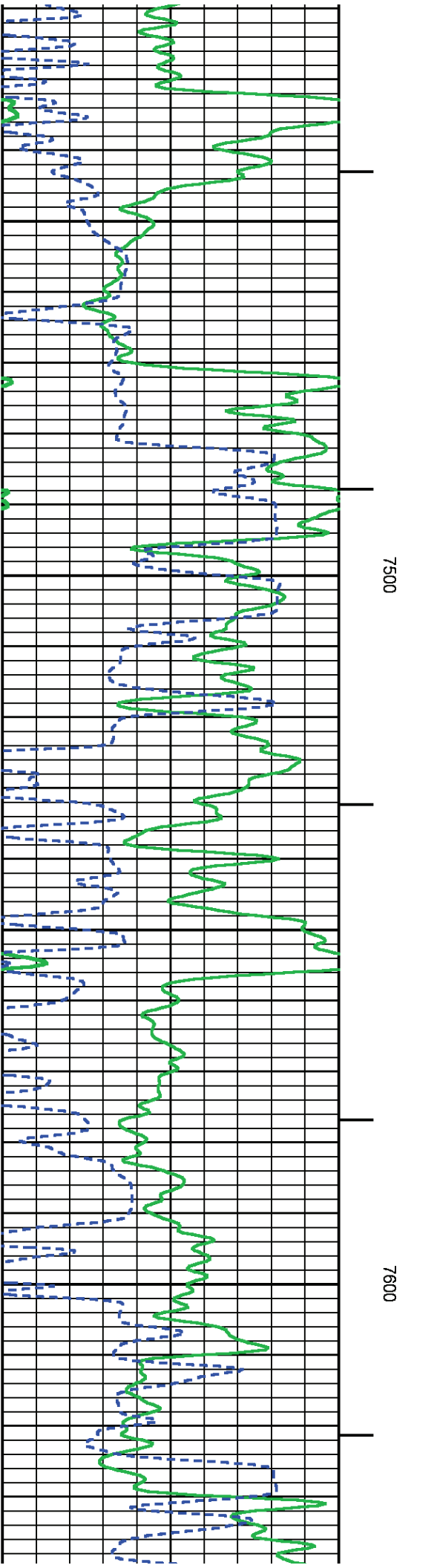
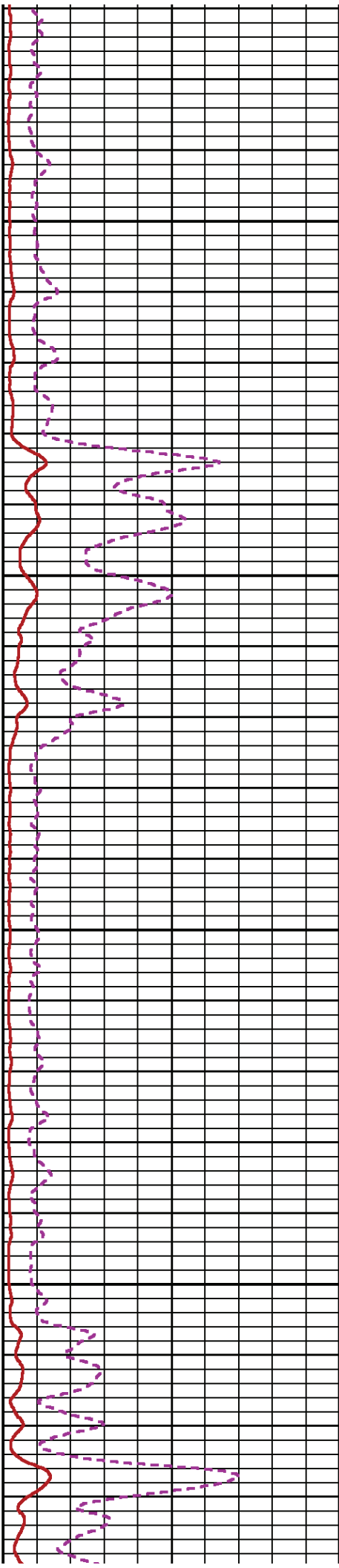
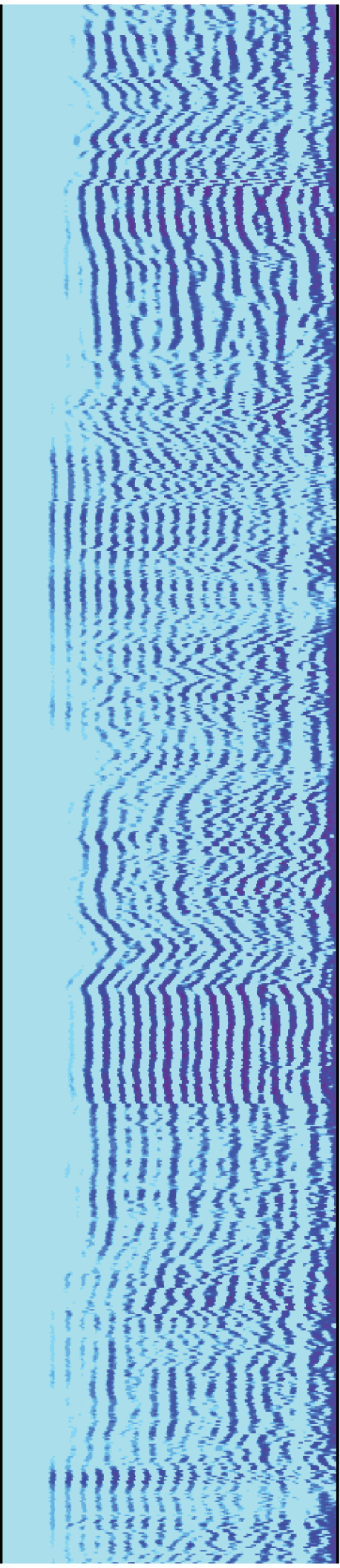




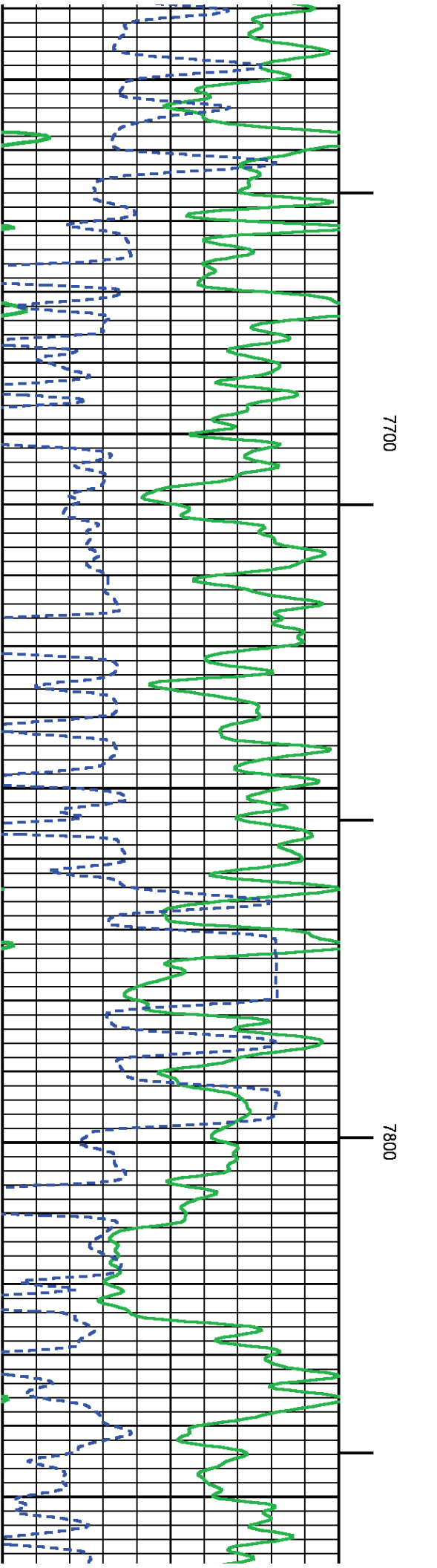
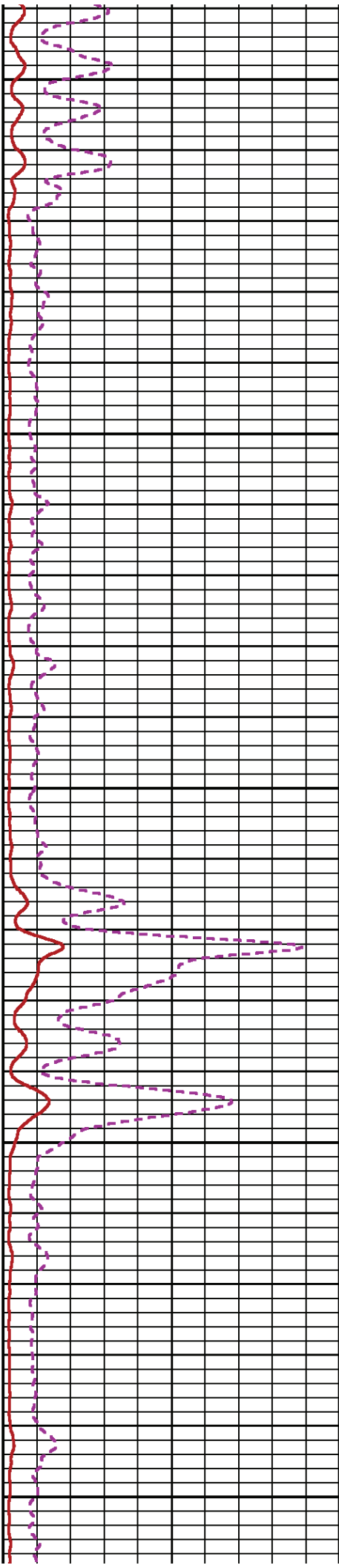
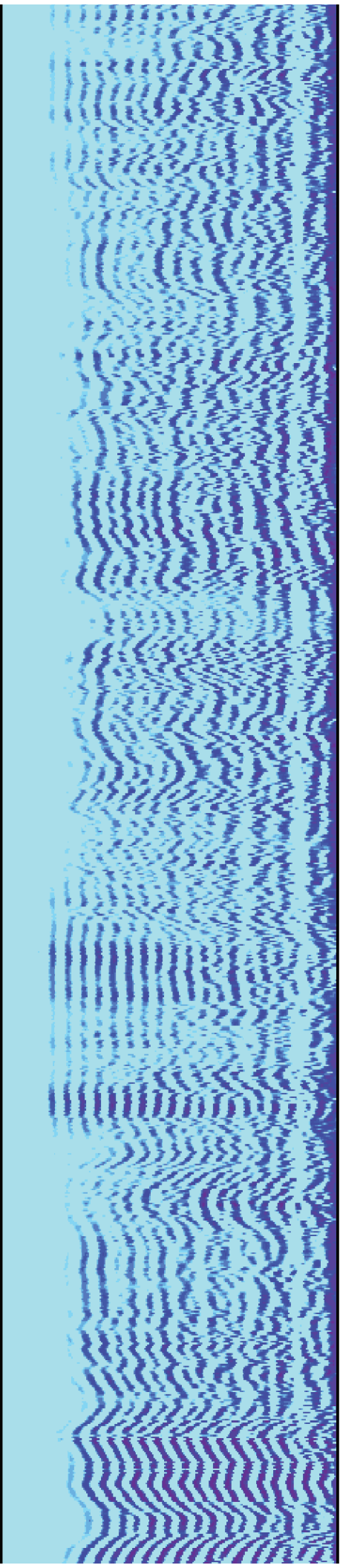




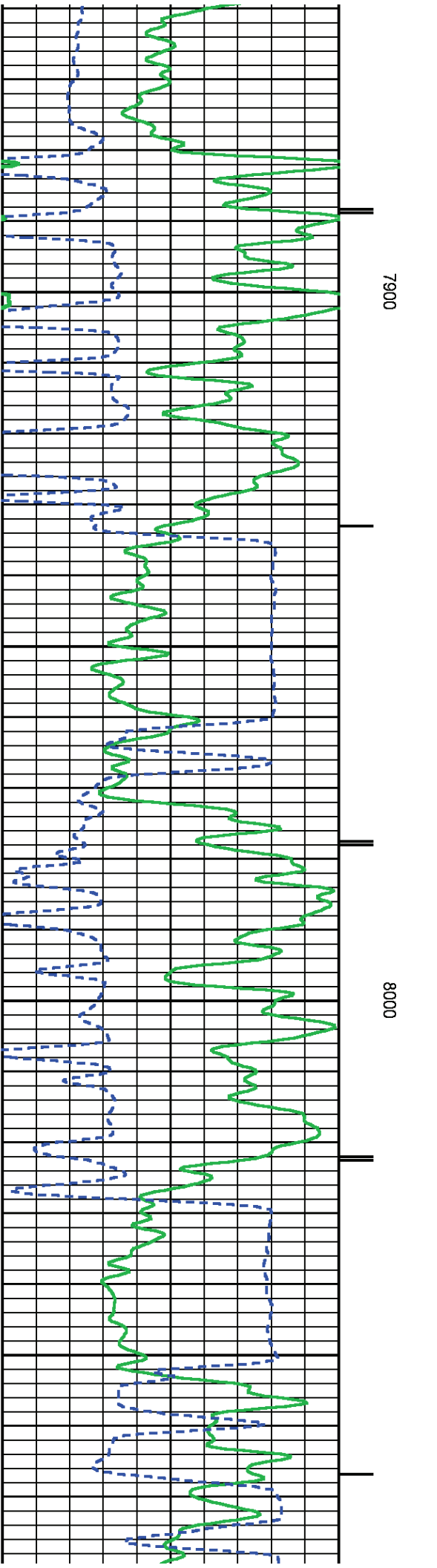
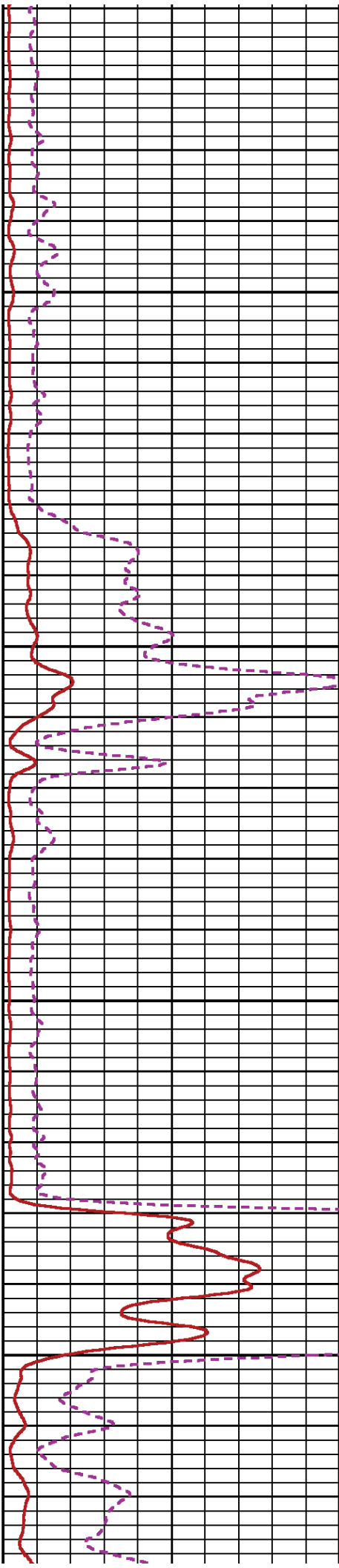
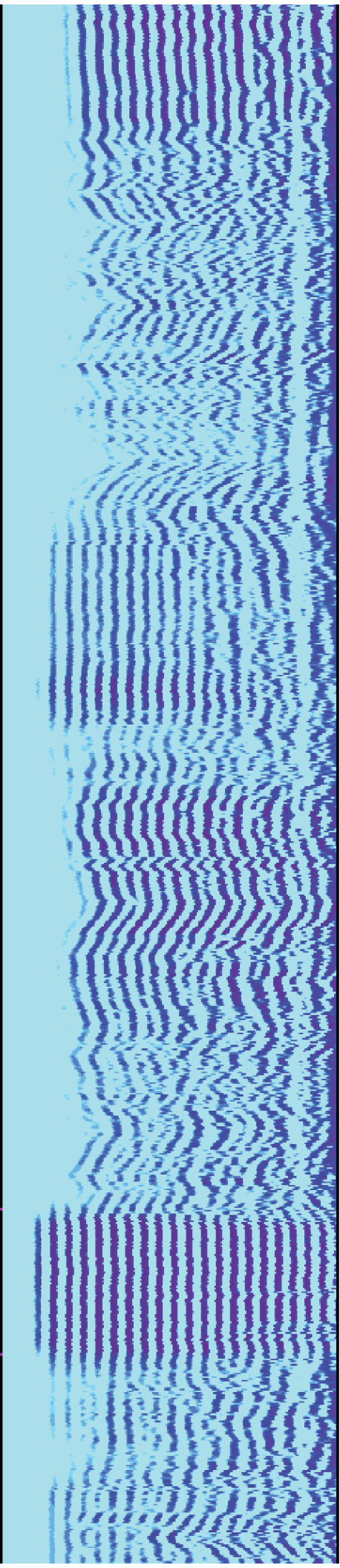


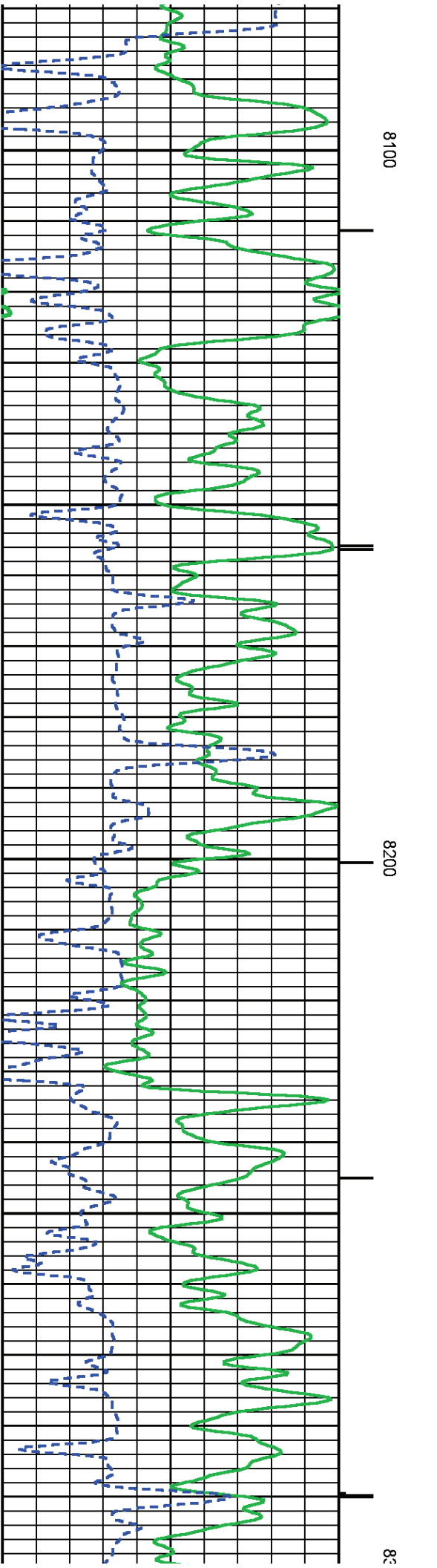
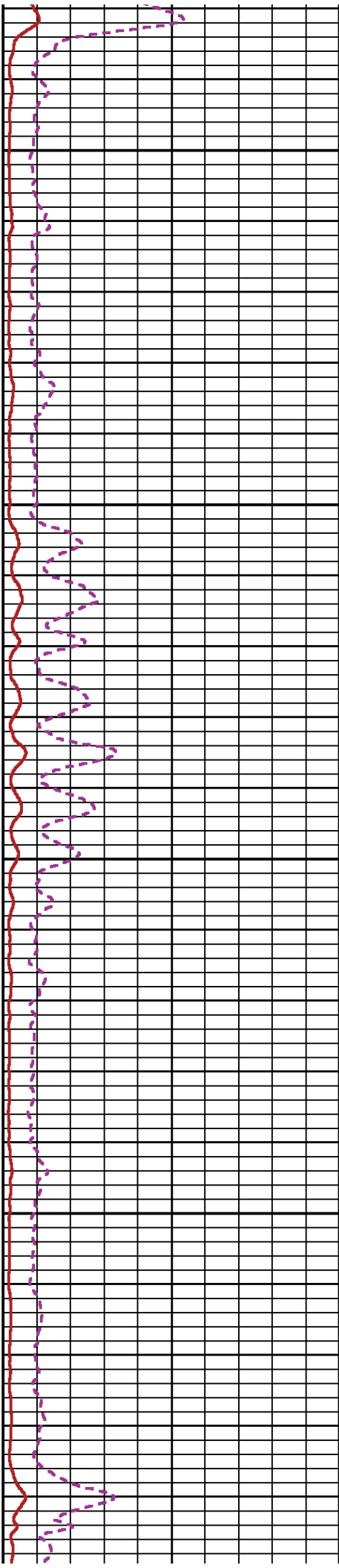
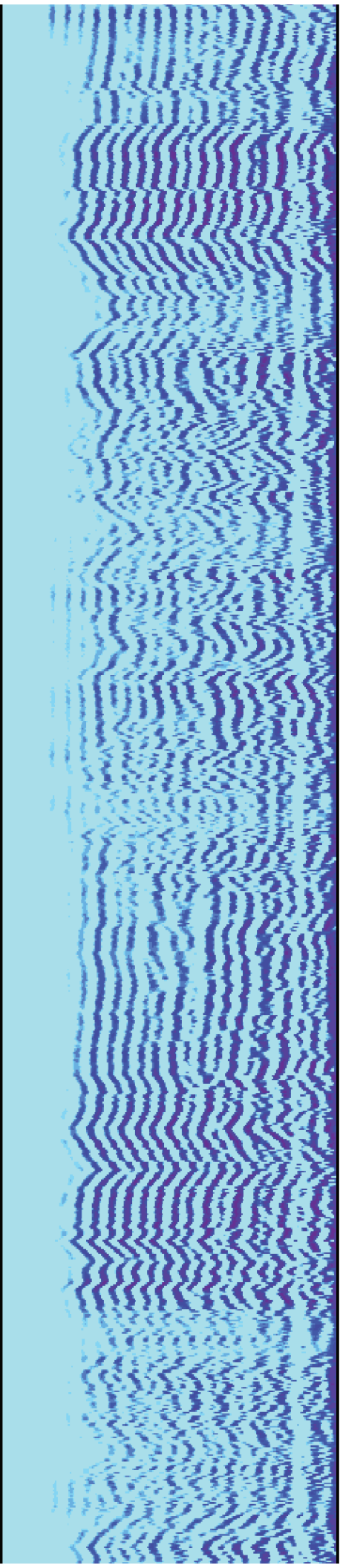


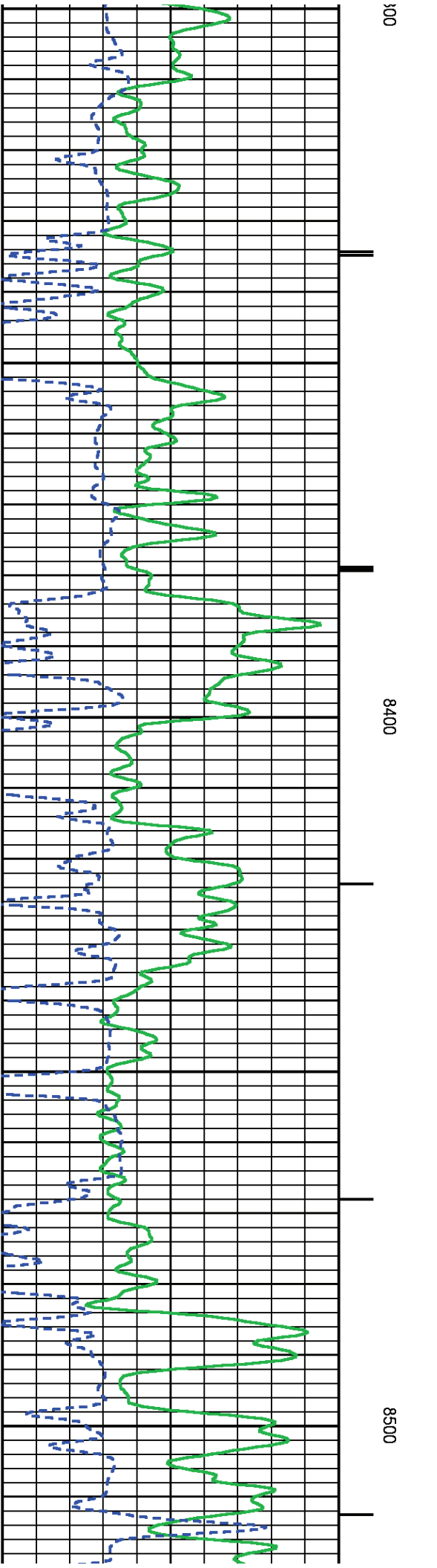
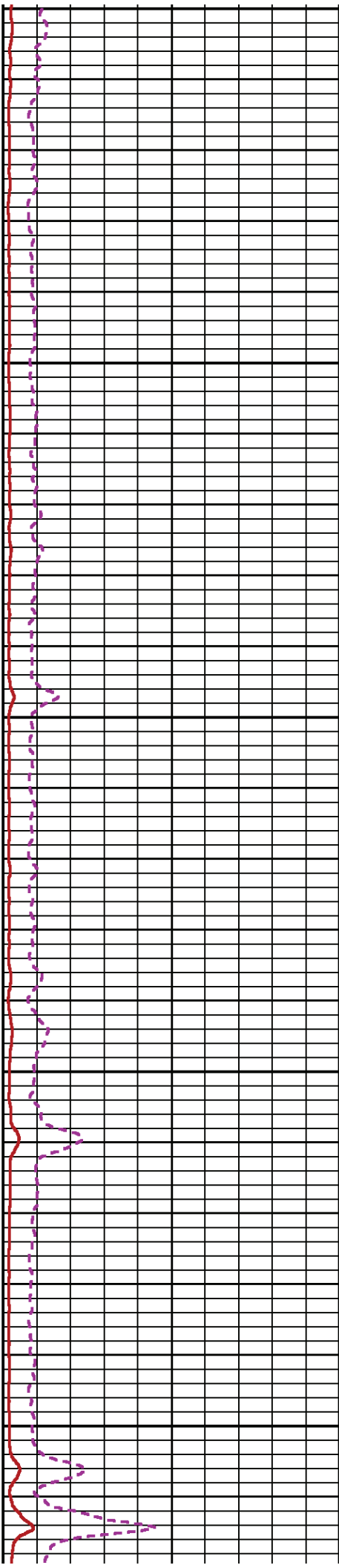
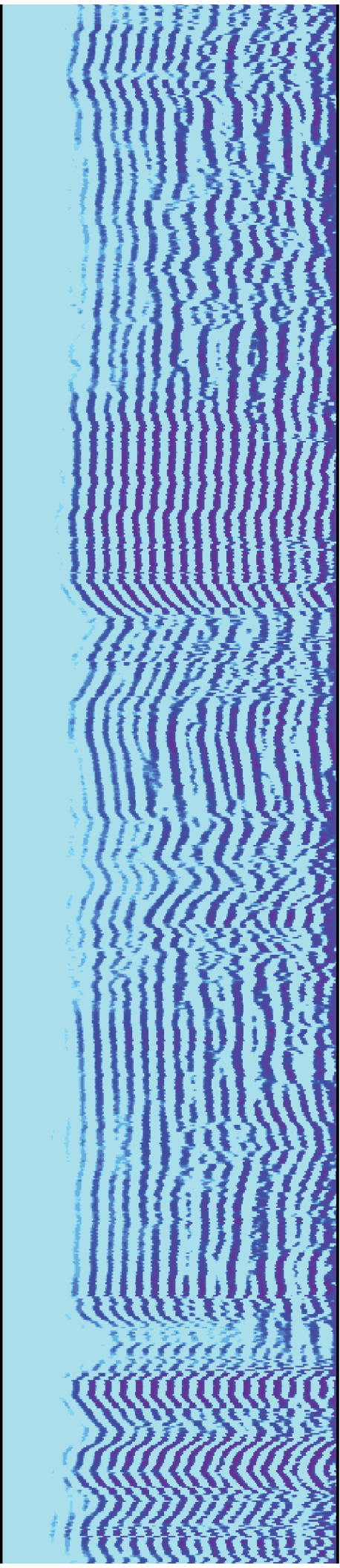


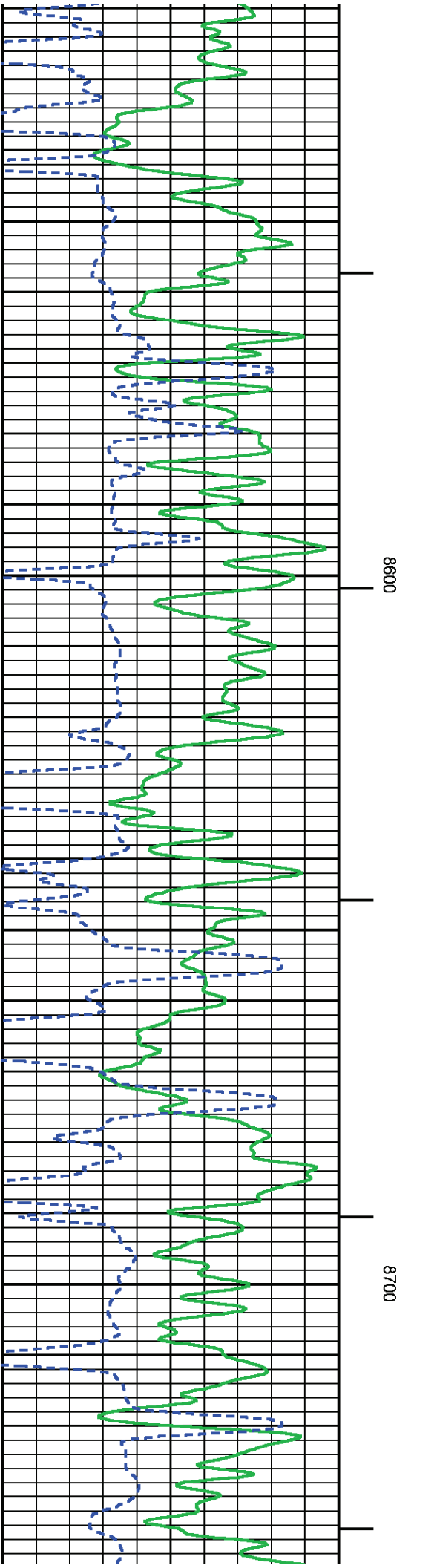
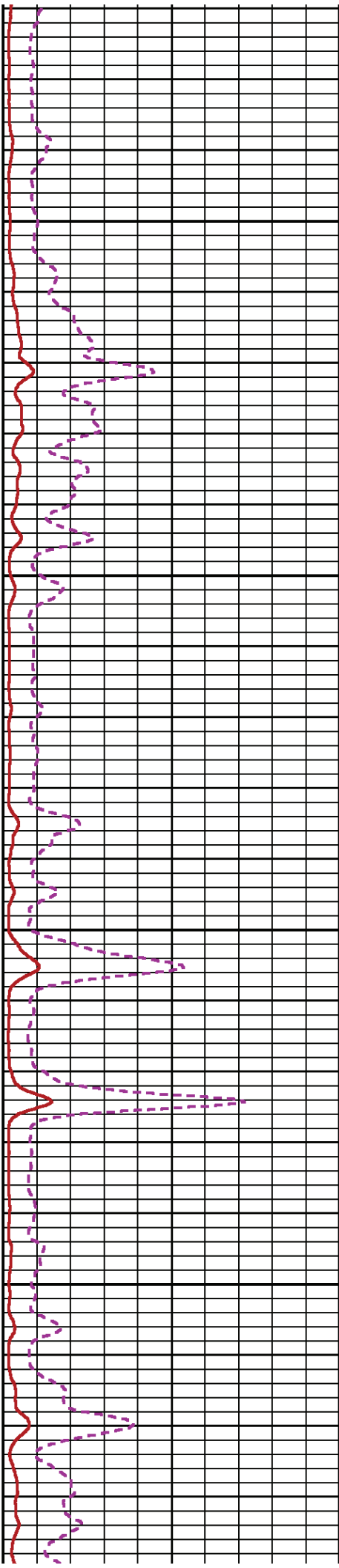
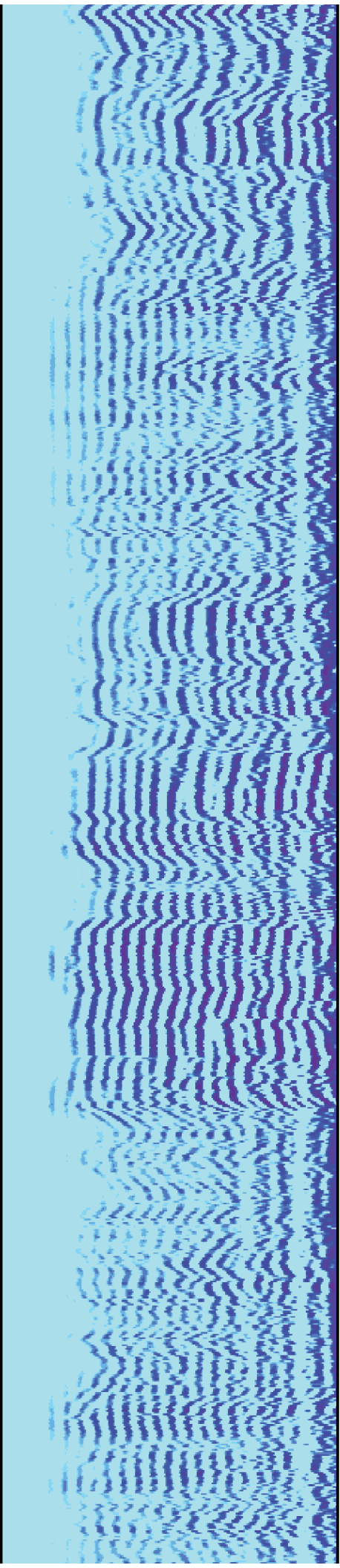




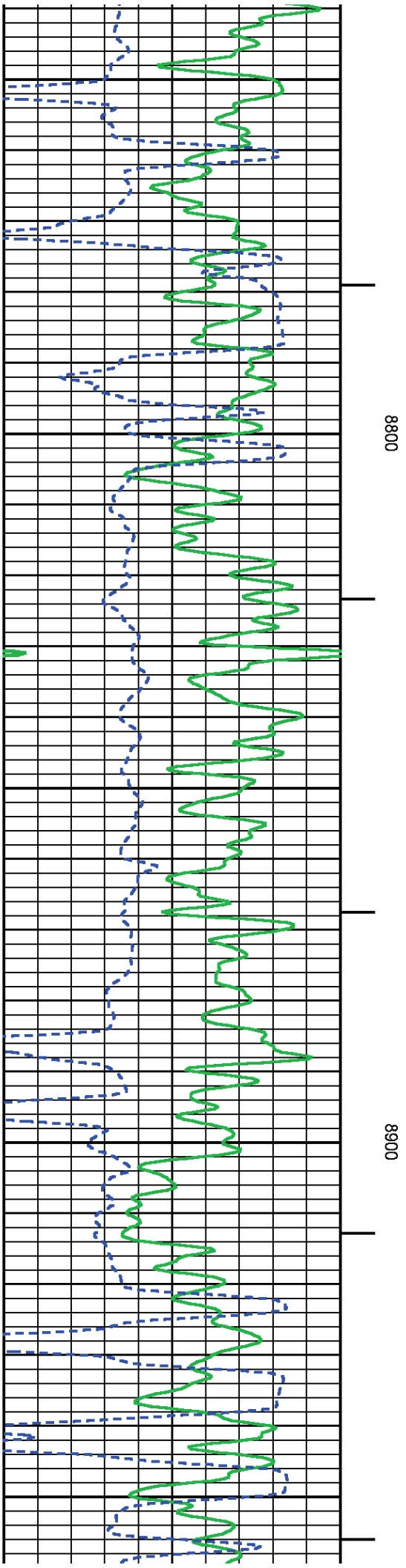
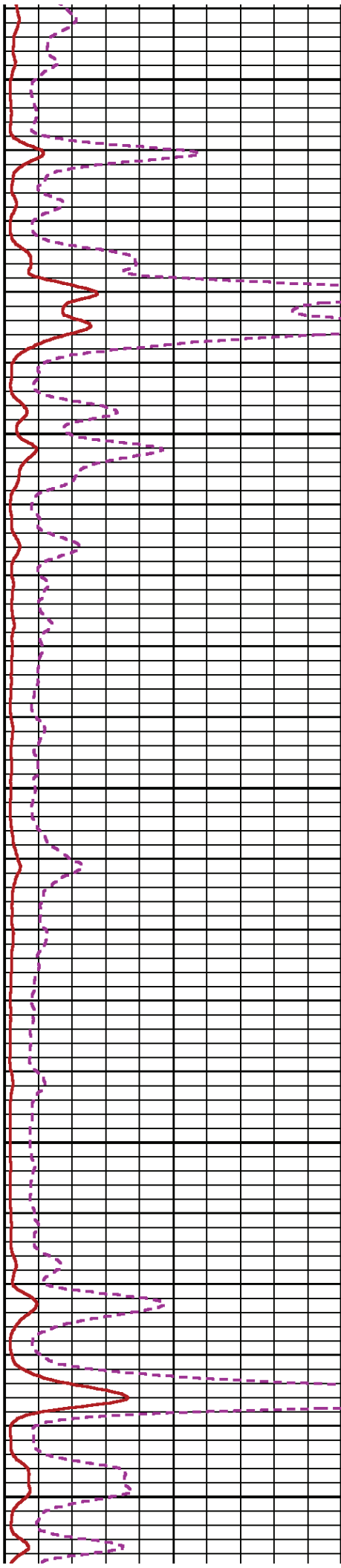
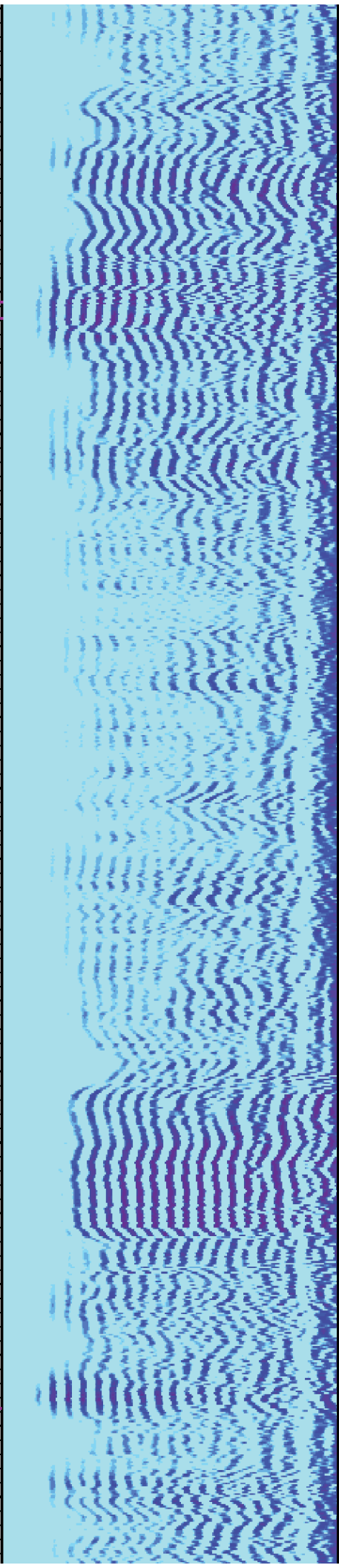




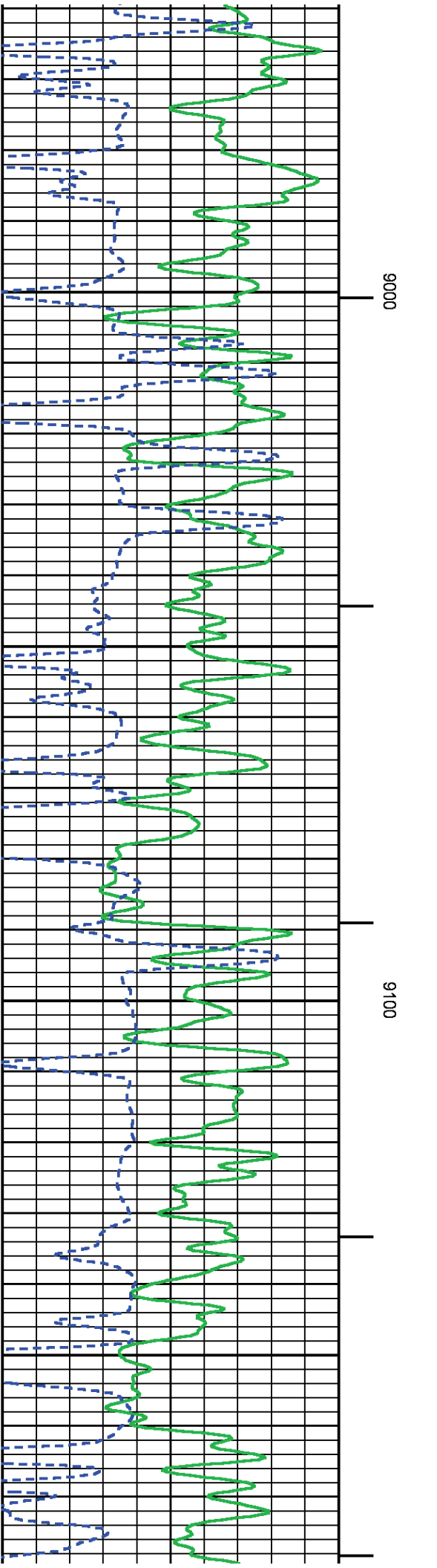
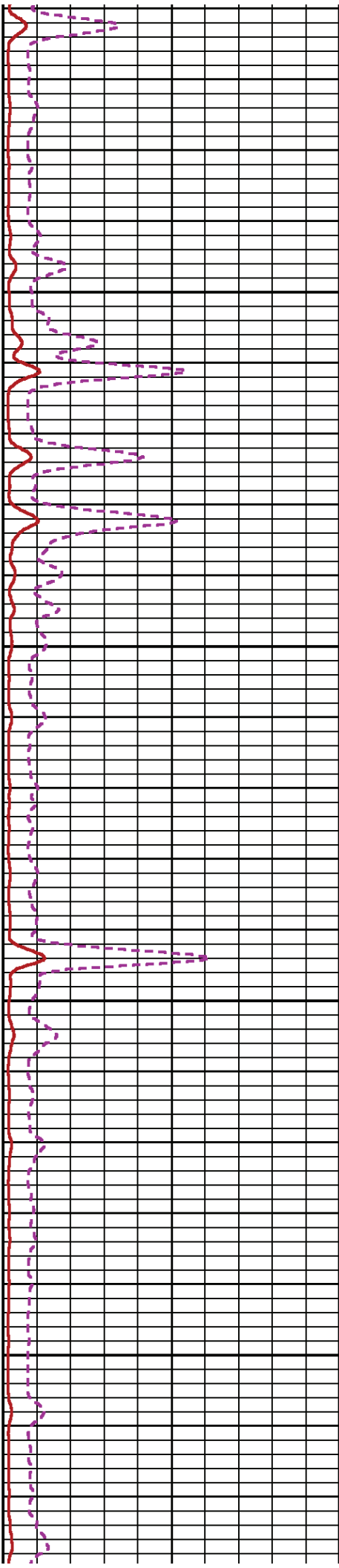
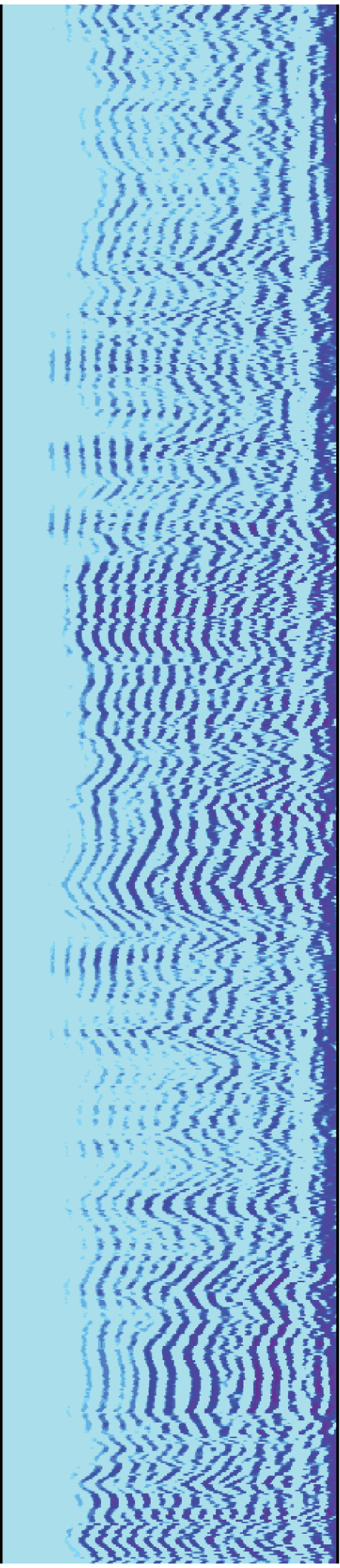


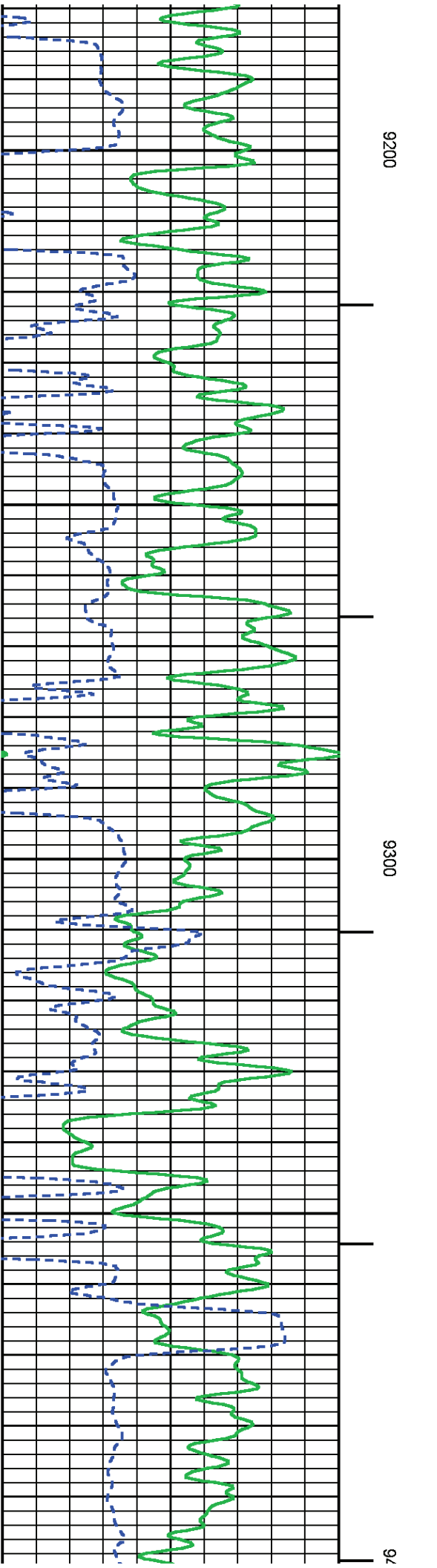
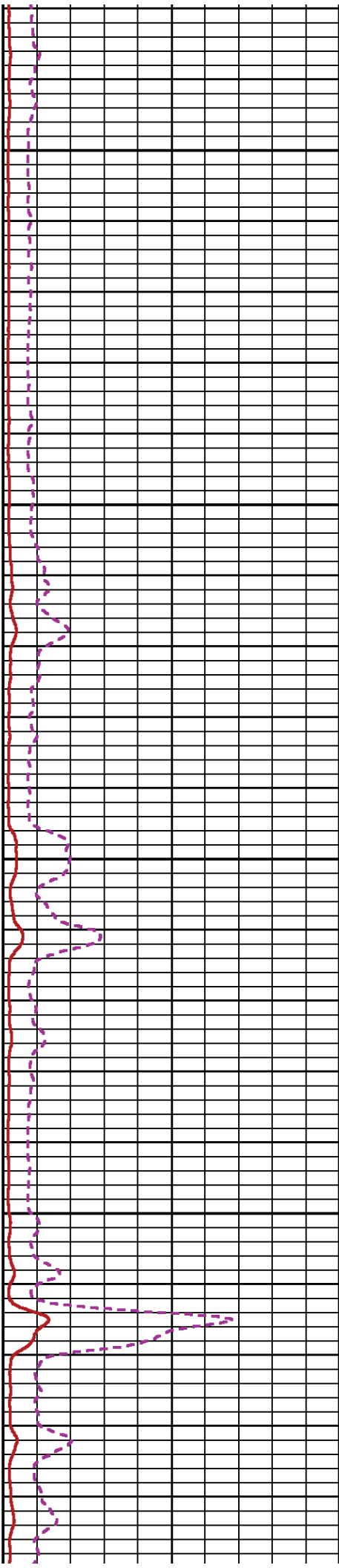
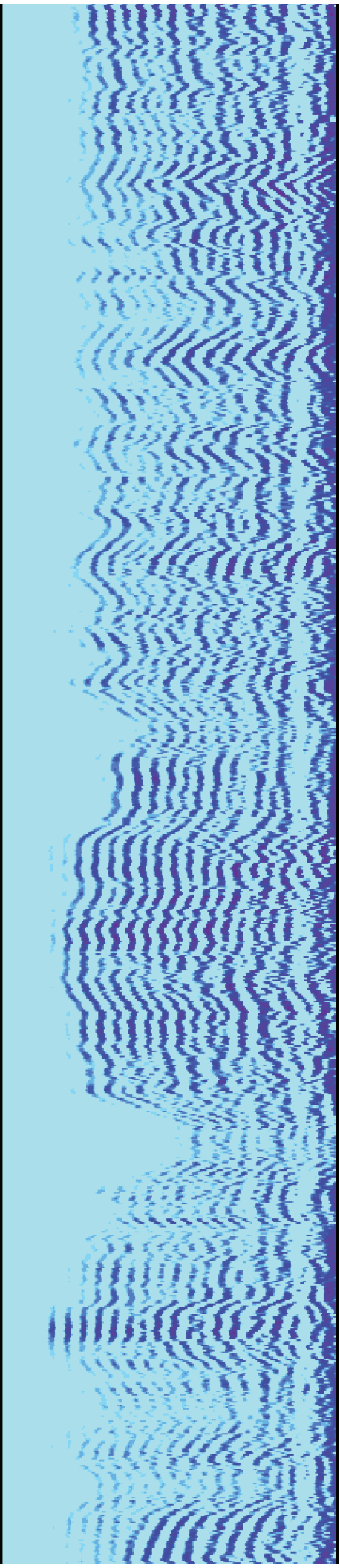


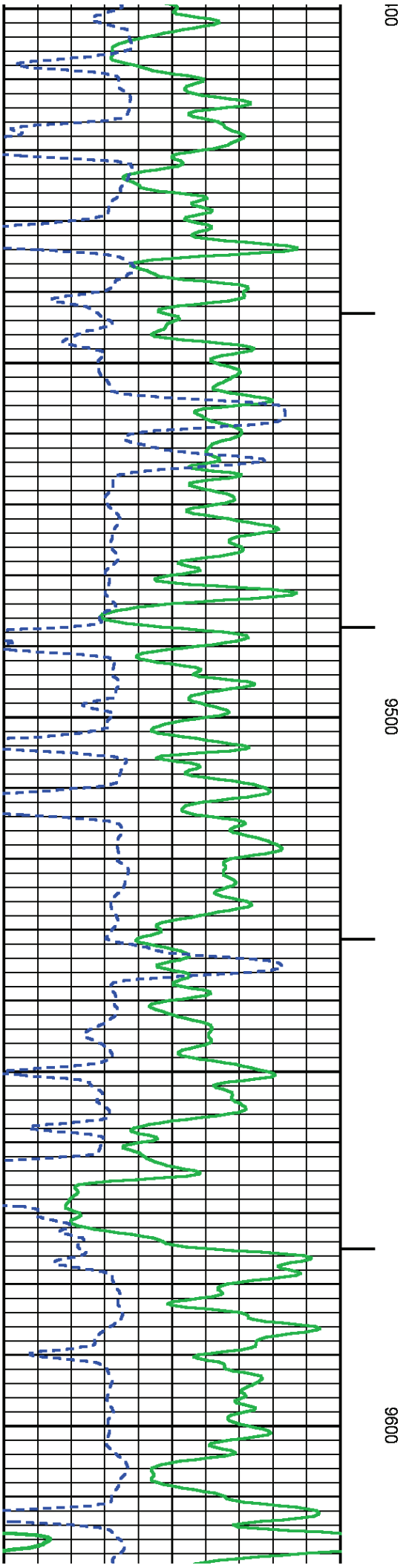
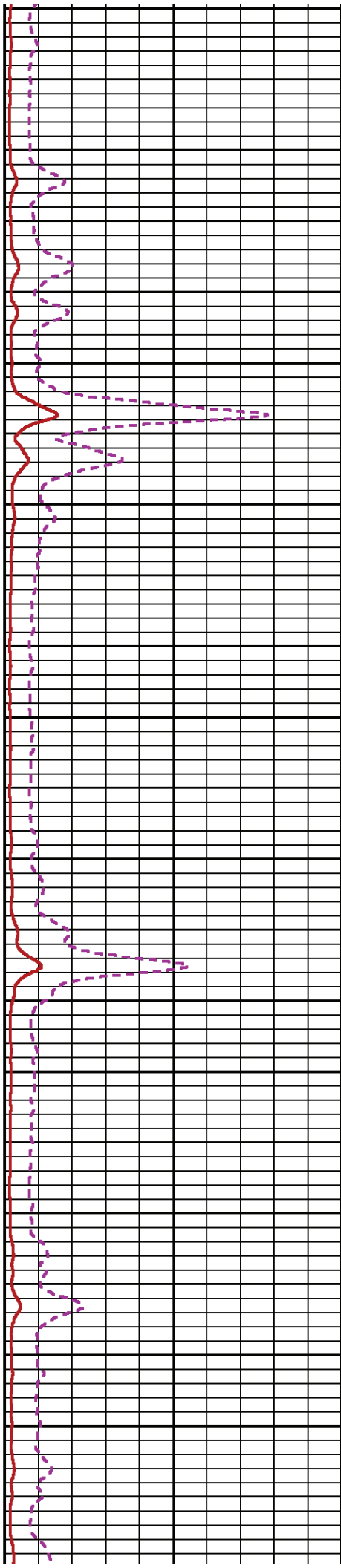
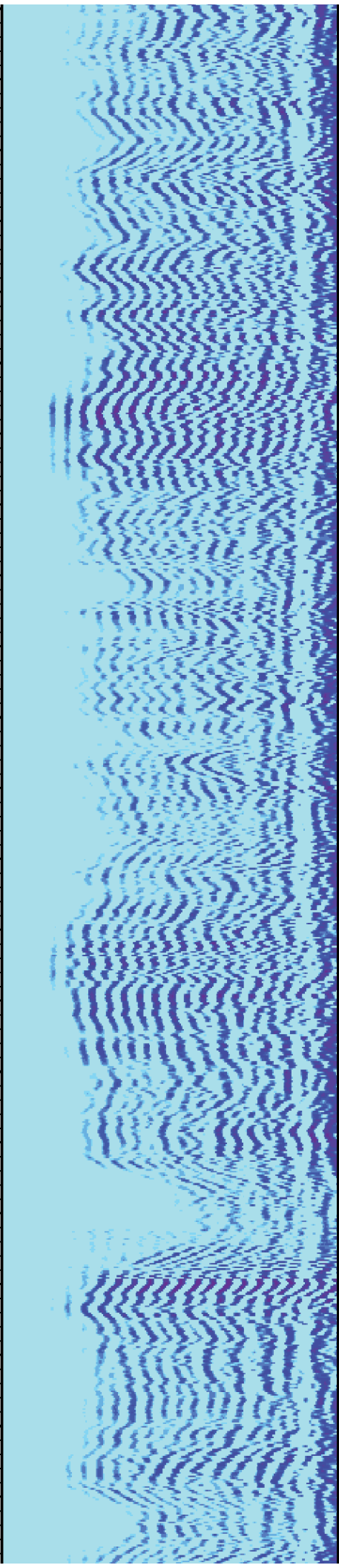


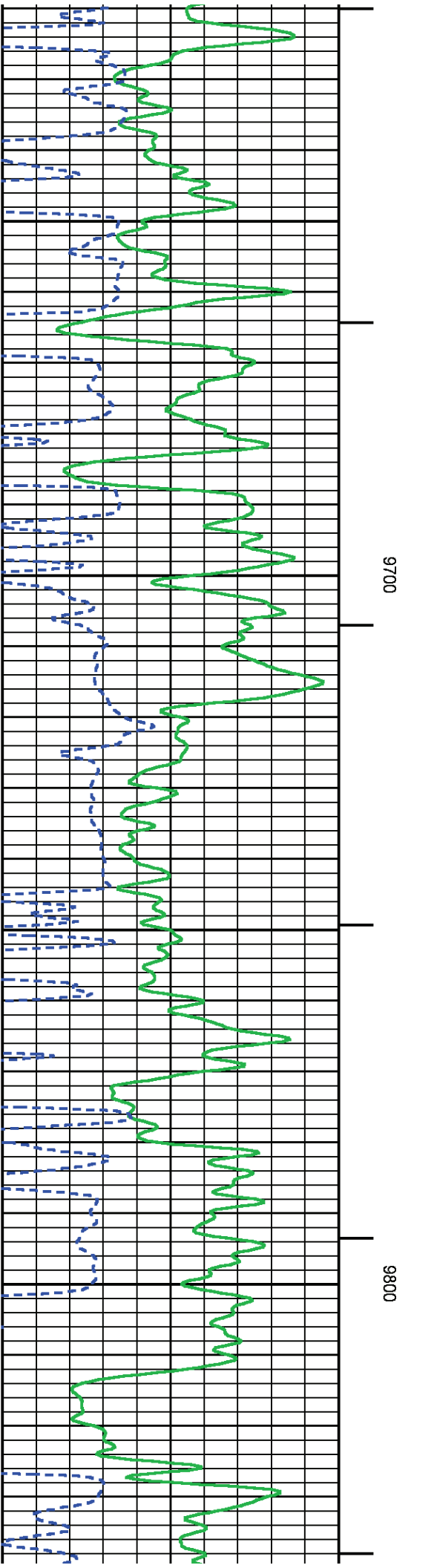
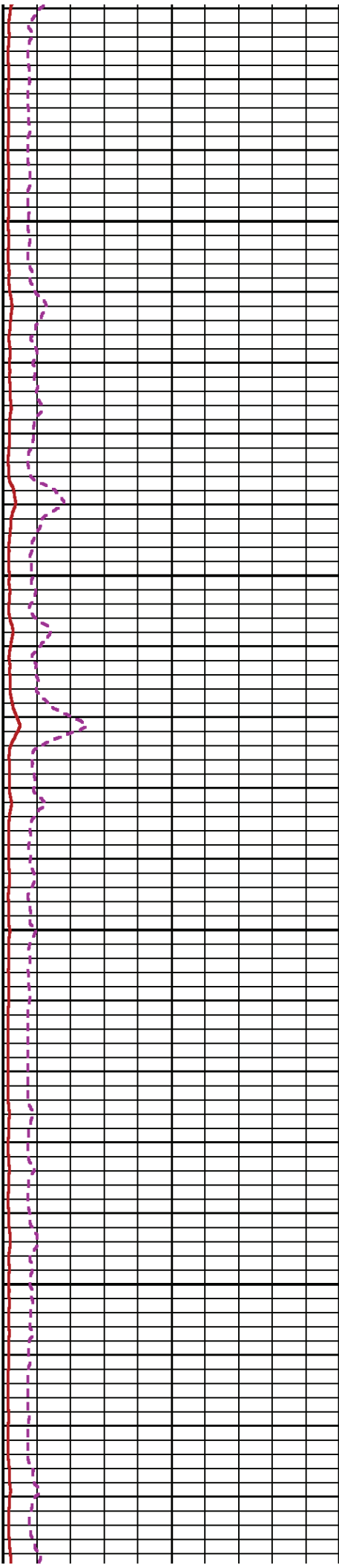
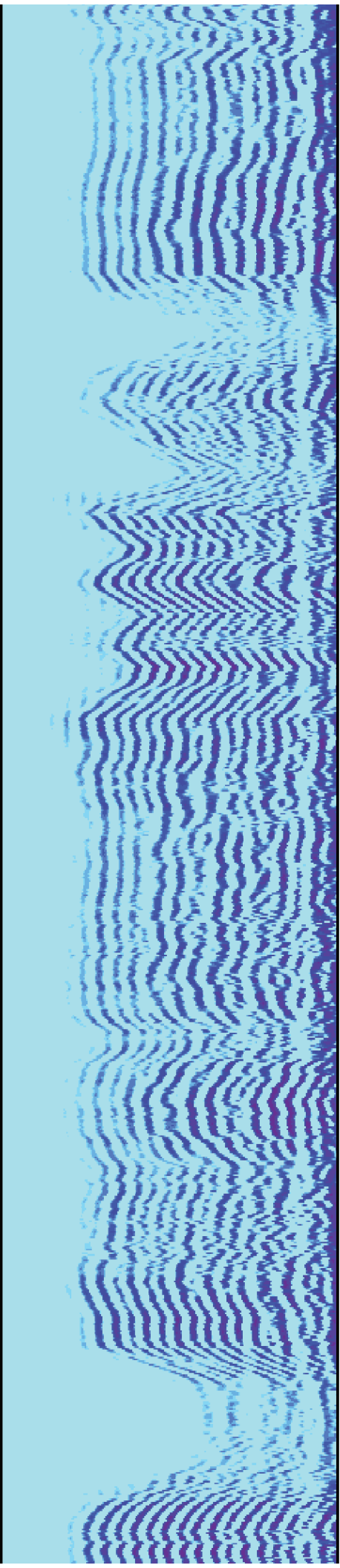




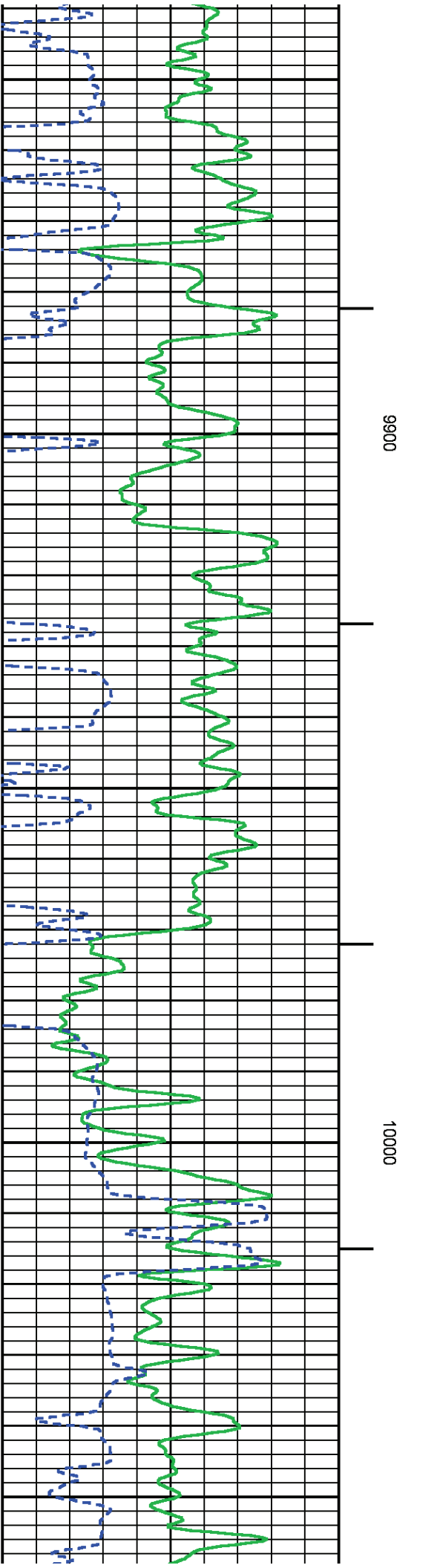
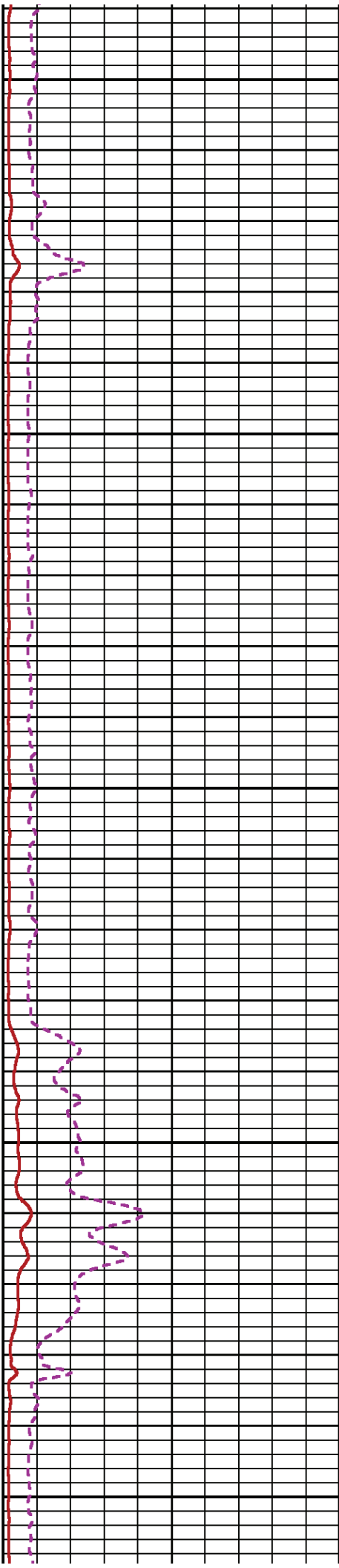
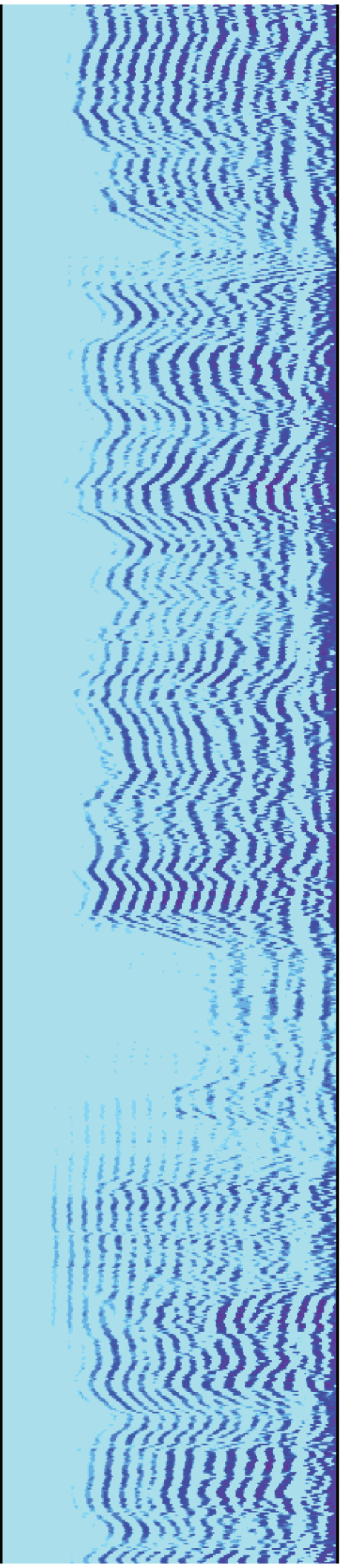


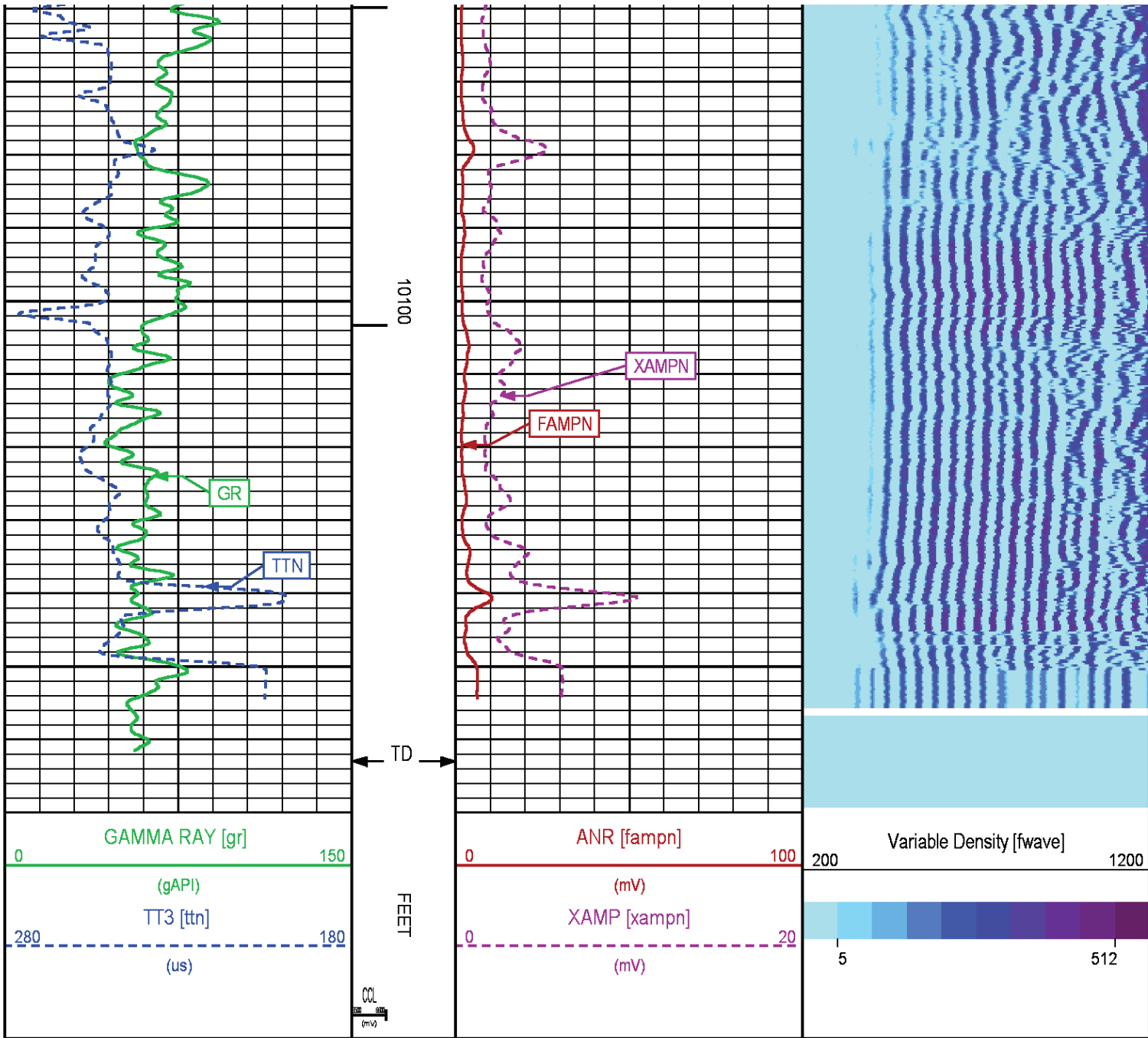












## SECONDARY PRESENTATION 0 PSI

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 12:36:26 2014

### PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH089276/n012e06.prm  
LOGGING MODE: DEPTH DIRECTION: UP  
TOP DEPTH: 22.750 ft BOTTOM DEPTH: 5698.750 ft

### SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
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