

FILE NO:  
US088114COMPANY  
WELL

WPX ENERGY INC

PUCKETT LAND COMPANY PA 744-26

API NO:  
05045223700000

FIELD

GRAND VALLEY

COUNTY

GARFIELD

STATE

CO

Ver. 3.87

LOCATION:

S26 T6S R9SW

SHL: 240'FNL 1149' FEL S35 T6S R9SW

PAD: 341-35

BHL: 656' FSL 624' FEL S26 T6S R9SW

RIG: CYCLONE 17

SEC 26

TWP 6S

RGE 9SW

OTHER SERVICES  
NONE

PERMANENT DATUM

GL

ELEVATION

5168 FT

LOG MEASURED FROM

KB

21 FT

ABOVE P.D.

ELEVATIONS:

KB 5189 FT

DF

GL 5168 FT

DRILL. MEAS. FROM

KB

DATE

03-JUL-2014

RUN

TRIP

1

1

SERVICE ORDER

US088114

DEPTH DRILLER

13194 FT

DEPTH LOGGER

13114 FT

BOTTOM LOGGED INTERVAL

13104 FT

TOP LOGGED INTERVAL

21 FT

TIME STARTED

13:30

TIME FINISHED

22:00

OPERATOR RIG TIME

8.5 HR

TYPE OF FLUID IN HOLE

WATER

FLUID DENSITY

NA

FLUID SALINITY

NA

FLUID LEVEL

140 FT

LOGGED CEMENT TOP

NA

WELLHEAD PRESSURE

0 PSI

MAXIMUM HOLE DEVIATION

NA

NOMINAL LOGGING SPEED

65 FMN

MAX. RECORDED TEMP.

348 DEGF

REFERENCE LOG

HALIBURTON OH/BAKER OH

EQUIP. NO.

11-JUN-2014

LOCATION

6670

D SMITH

GRAND JCT

RECORDED BY

D WELSH

WITNESSED BY

D WELSH

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
24 IN	0 FT	80 FT
17.5 IN	80 FT	2050 FT
12.25 IN	2050 FT	4800 FT
7.875 IN	4800 FT	13183 FT

## CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
20 IN			0 FT	80 FT
13.375 IN			0 FT	2050 FT
9.625 IN	32.2 LB/F		2050 FT	4800 FT
5.5 IN	27 LB/F		0 FT	13183 FT

## REMARKS

RUN 1 TRIP 1: ALL DATA ON THIS LOG IS SHIFTED AND DEPTH MATCHED USING GAMMA RAY CURVE TO THE HALIBURTON OPEN HOLE LOG DATED 11-JUNE-2014 AT THE CLIENT'S REQUEST

THE DEPTH MATCHING PROCESS CREATES POTENTIAL FOR COLLAR LENGTHS TO VARY FROM THOSE RECORDED ON OTHER CASED HOLE WIRELINE UNITS WITHOUT A GAMMA RAY REFERENCE

AMOUNT OF LINEAR SHIFT +9.5

BHT: TWO THERMOMETERS WERE USED. ONE READING WAS 348 DEGF/SECOND READ 344 DEGF

SJ: 8508 FT TO 8531 FT

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES

#### EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10218495	CENTRALIZED
1	1	GR	2459XA	10218504	CENTRALIZED

### PRIMARY PRESENTATION 0 PSI

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

Updates: 1

Plotted: Sat Jul 5 14:34:57 2014

#### PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH088114/n012eR02.prm  
LOGGING MODE: DEPTH DIRECTION: UP  
TOP DEPTH: 14.250 ft BOTTOM DEPTH: 13126.500 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*)	195	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	167	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	207.850	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-64	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	132	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

#### CURVE DESCRIPTION REPORT

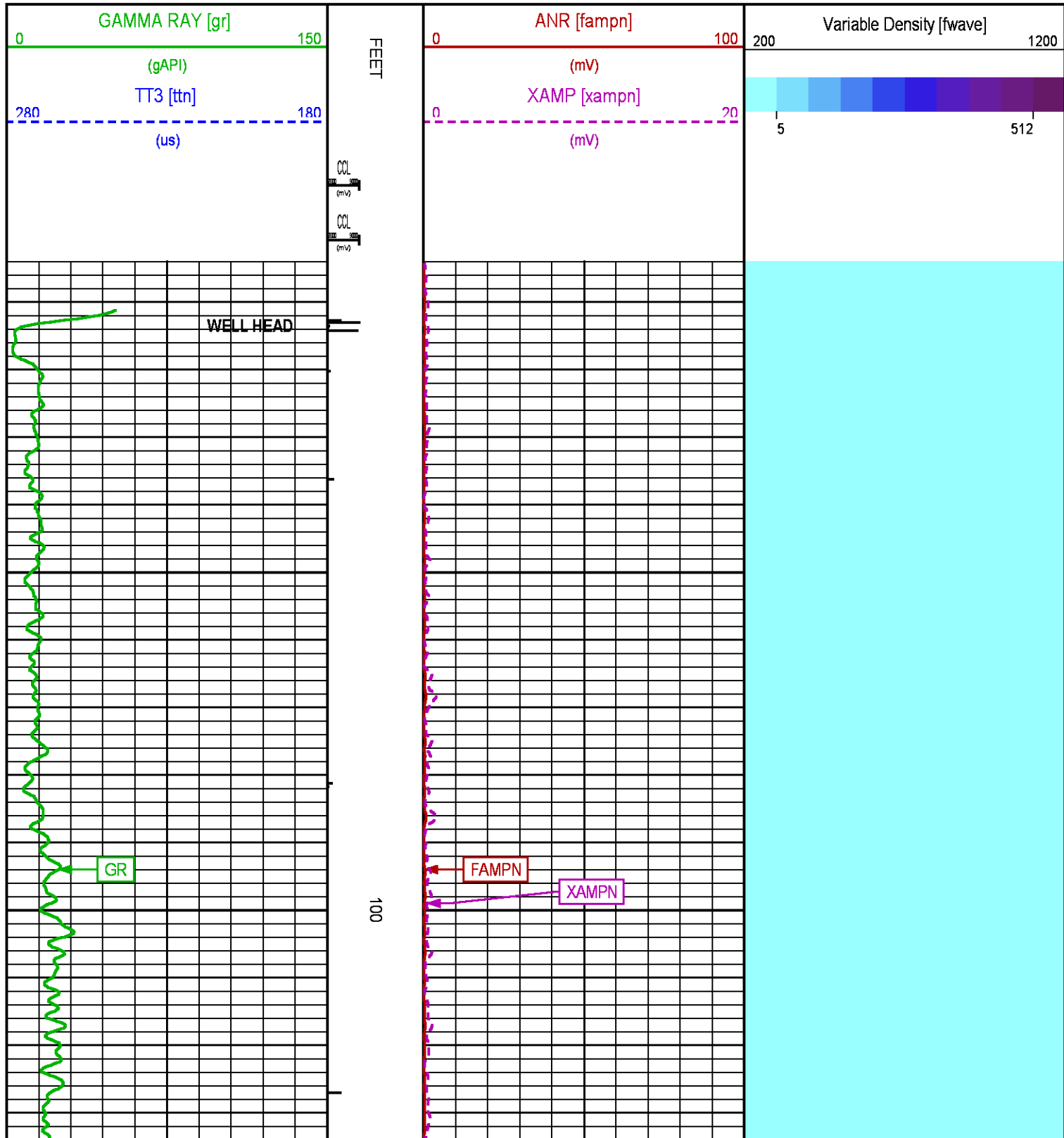
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jul 5 10:00:12 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jul 5 10:00:12 2014	FAR WAVE FORM
F1:GR	Jul 5 10:00:12 2014	GAMMA RAY
F1:TTN	Jul 5 10:00:12 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

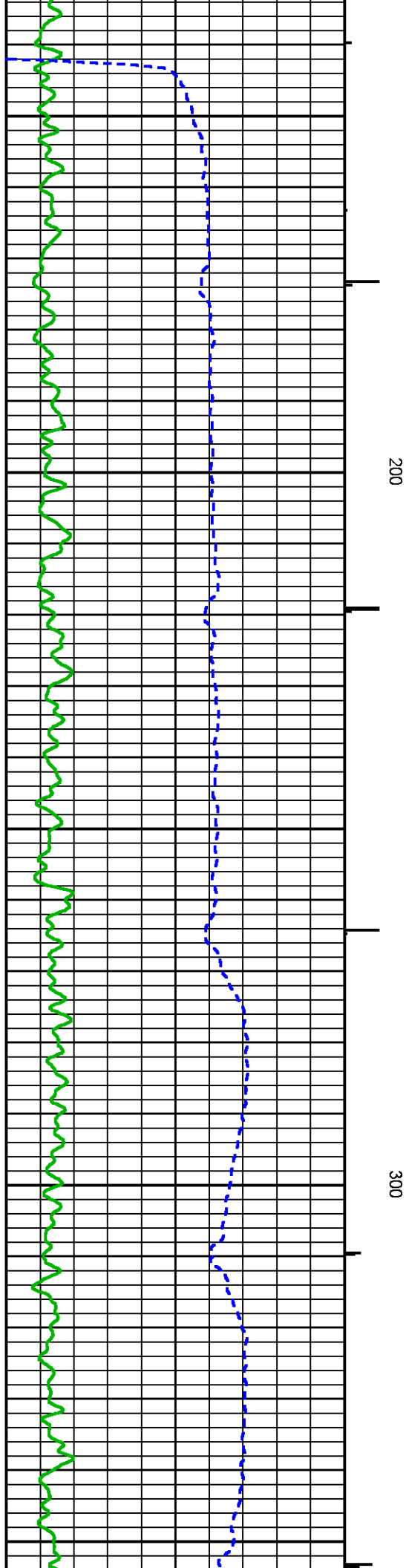
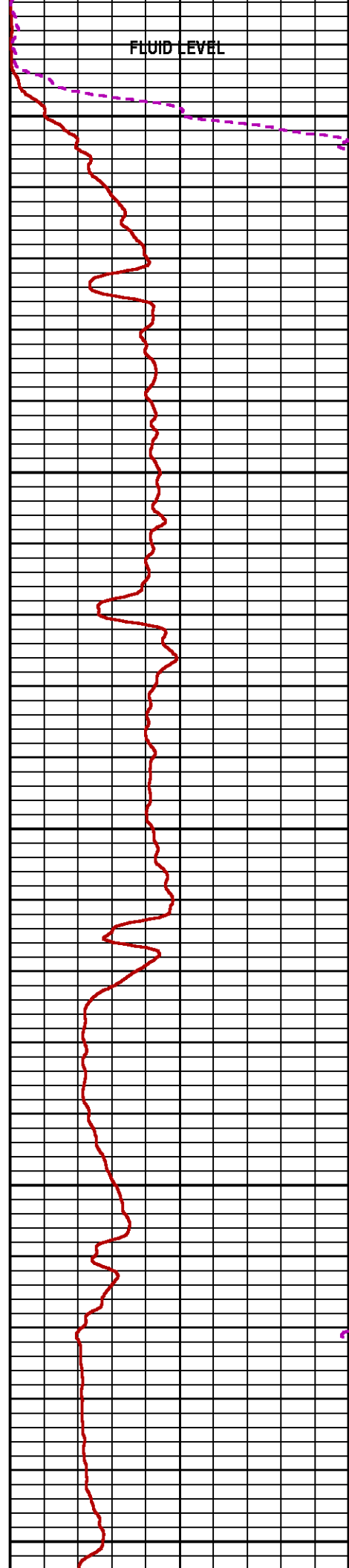
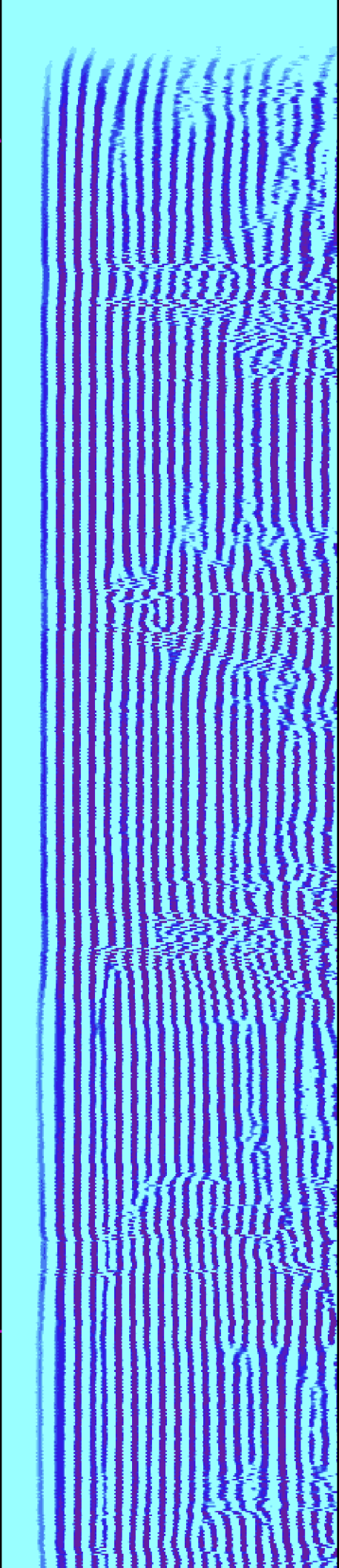
# CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	11.50	GR	9.50	XAMPN	16.50		
FAMPN	16.50	TTN	16.50				

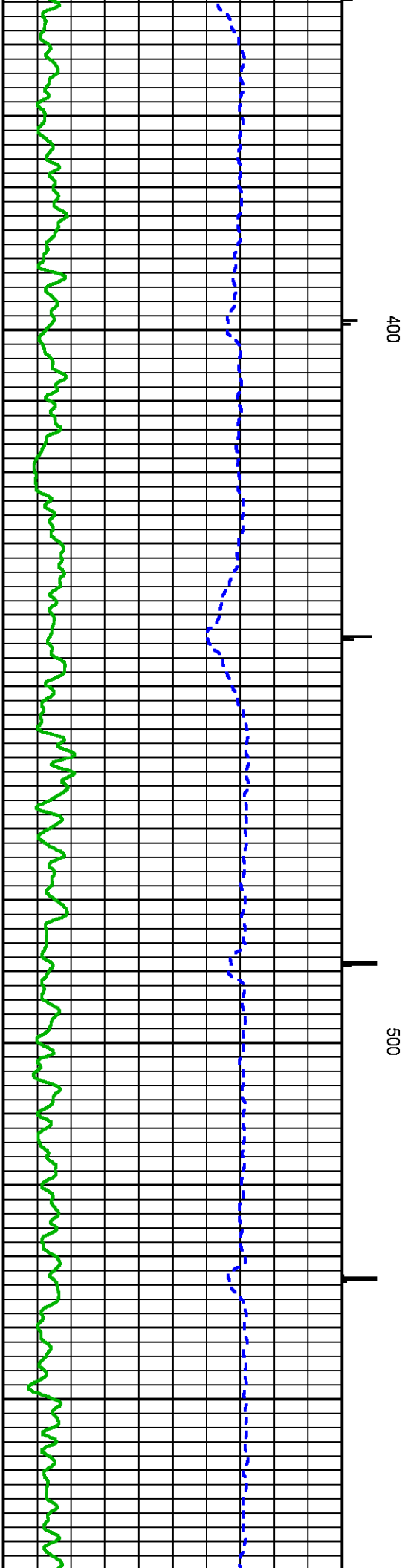
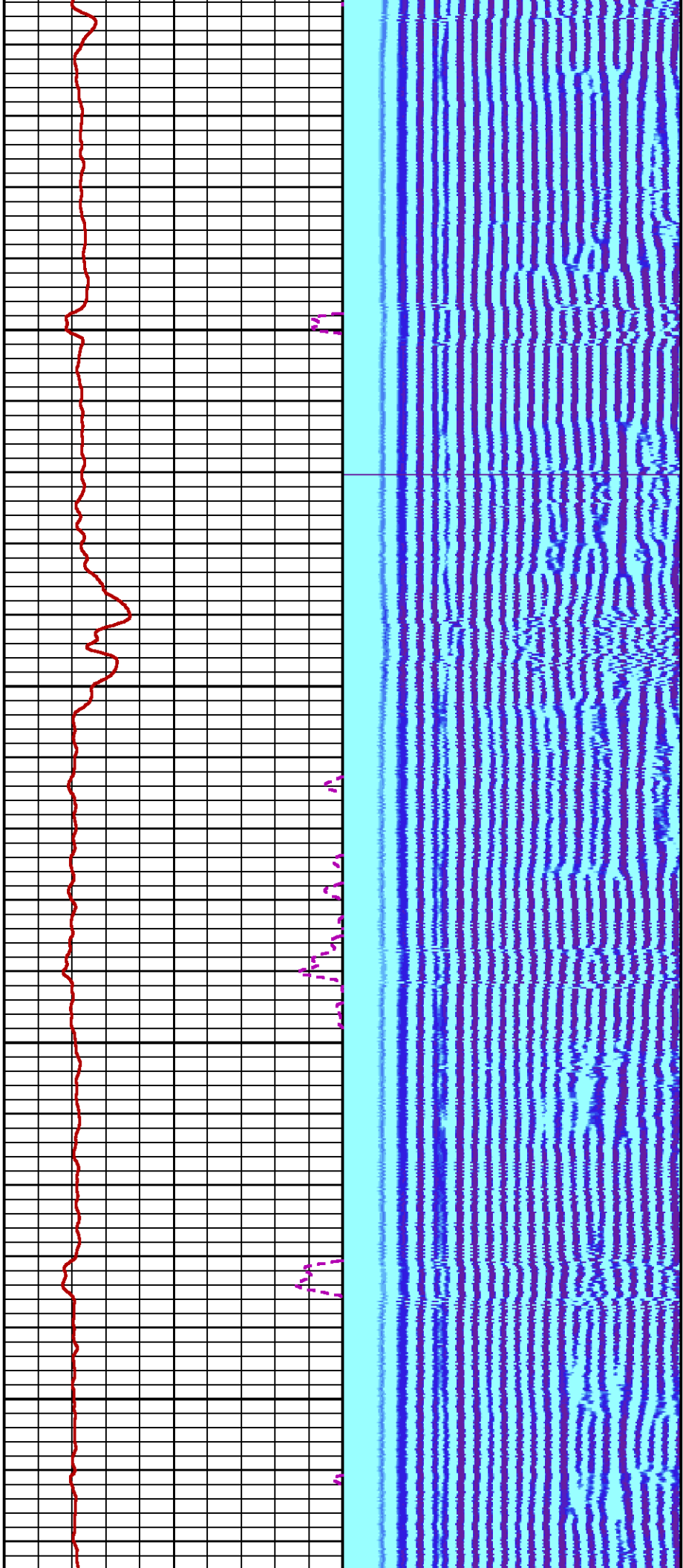
Presentation : HL6670:WPX\_CBL\_PRIMARY\_PRESENTATION.fvpdf [5"/100' Scale]  
 Plot Interval : 4 - 13130.2 Feet

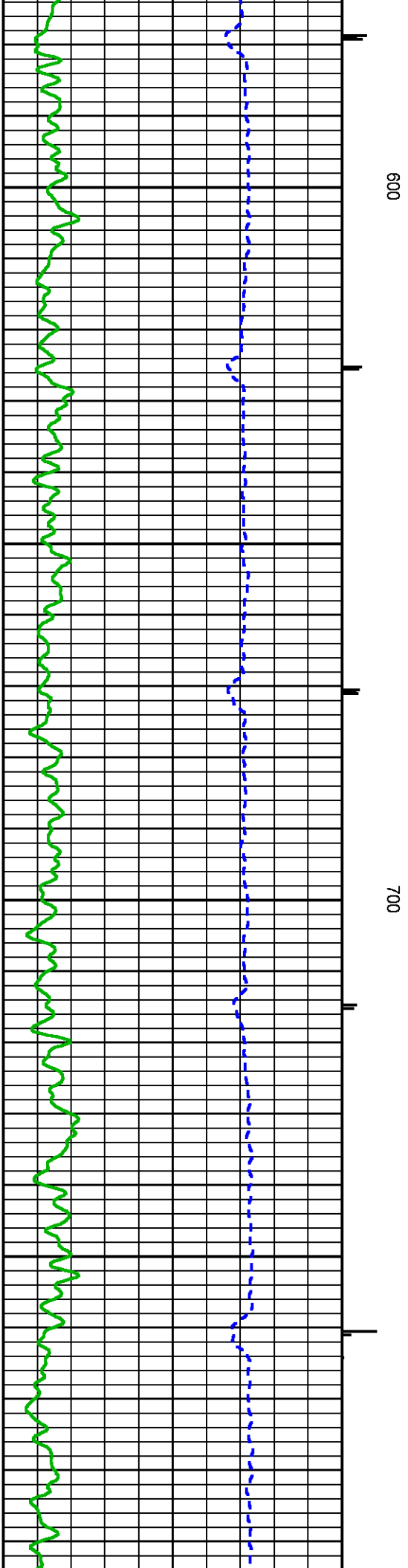
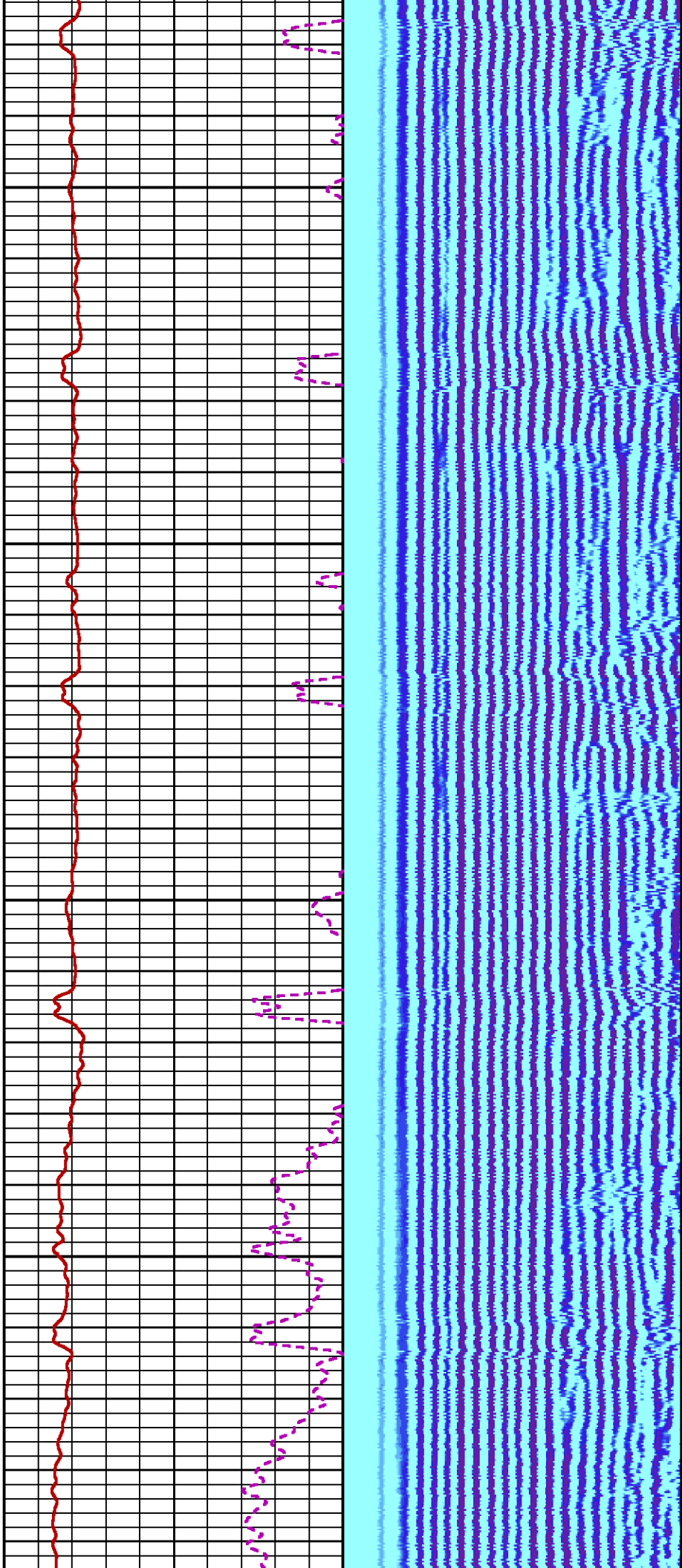
Data File 1 : F1 : HL6670:/dat1a/CH088114/MAIN\_RDR.xtf  
 Created On : Jul 5 10:00:12 2014  
 Company : WPX ENERGY INC  
 Well : PUCKETT LAND COMPANY PA 744-26  
 Field : GRAND VALLEY  
 File Interval : 3 - 13131.8 Feet  
 OCT : n012e

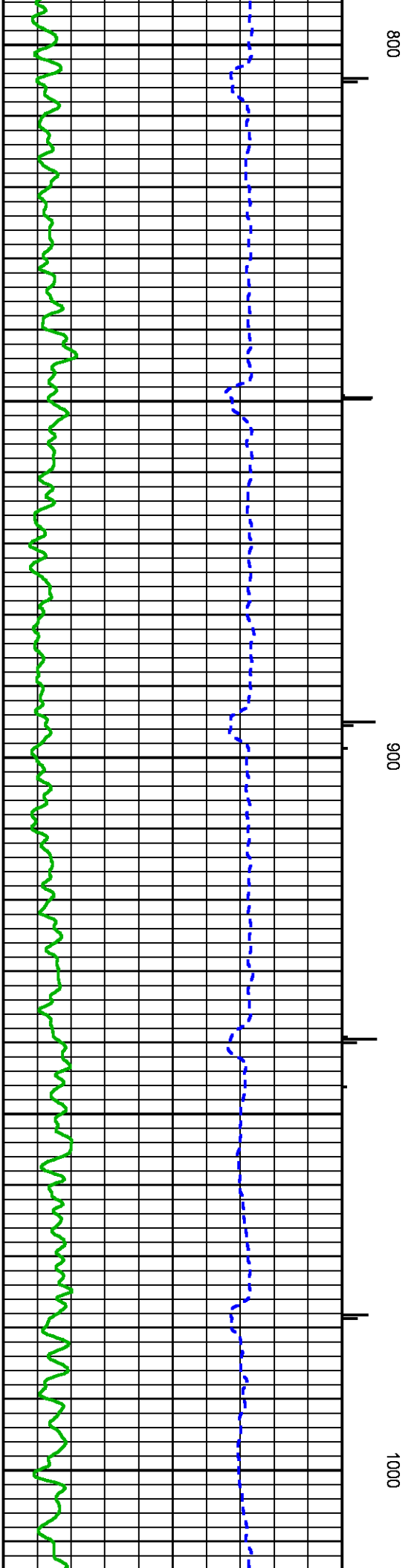
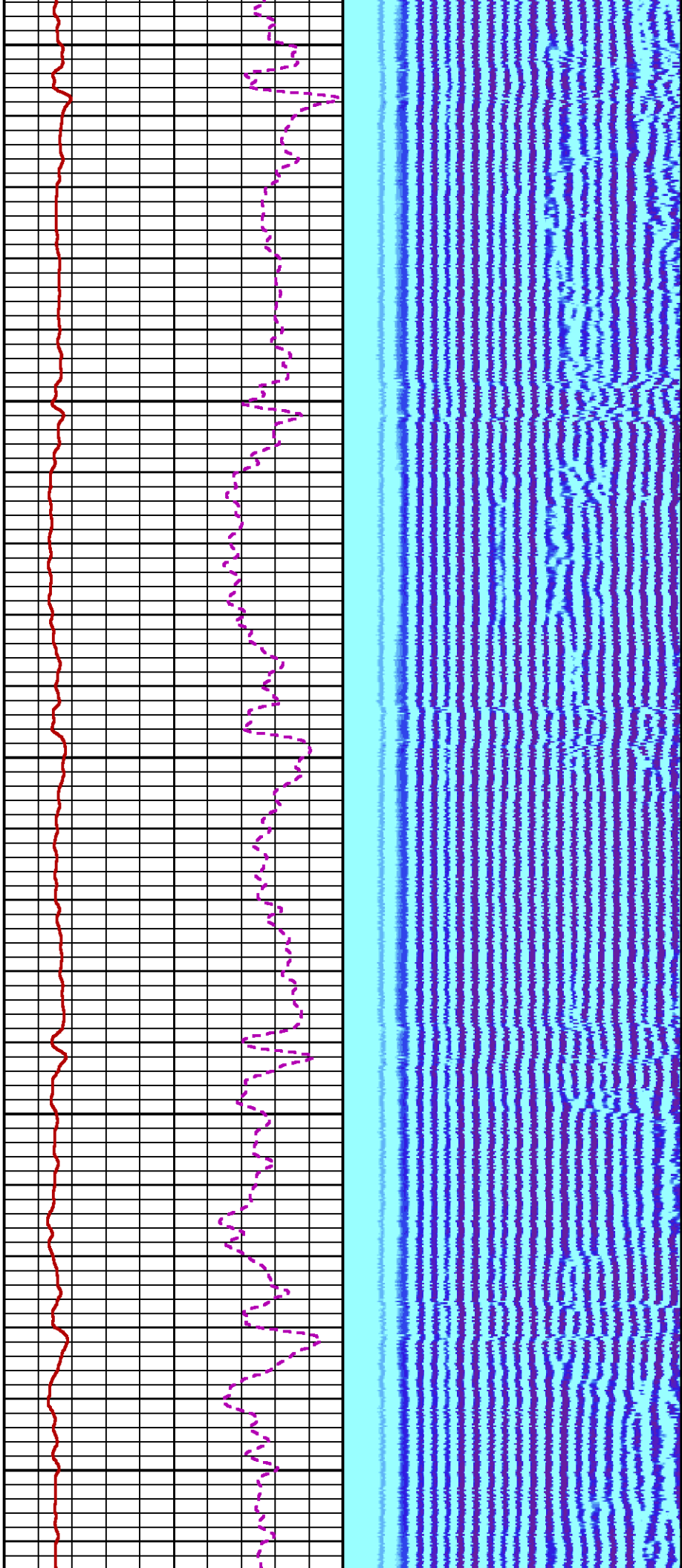




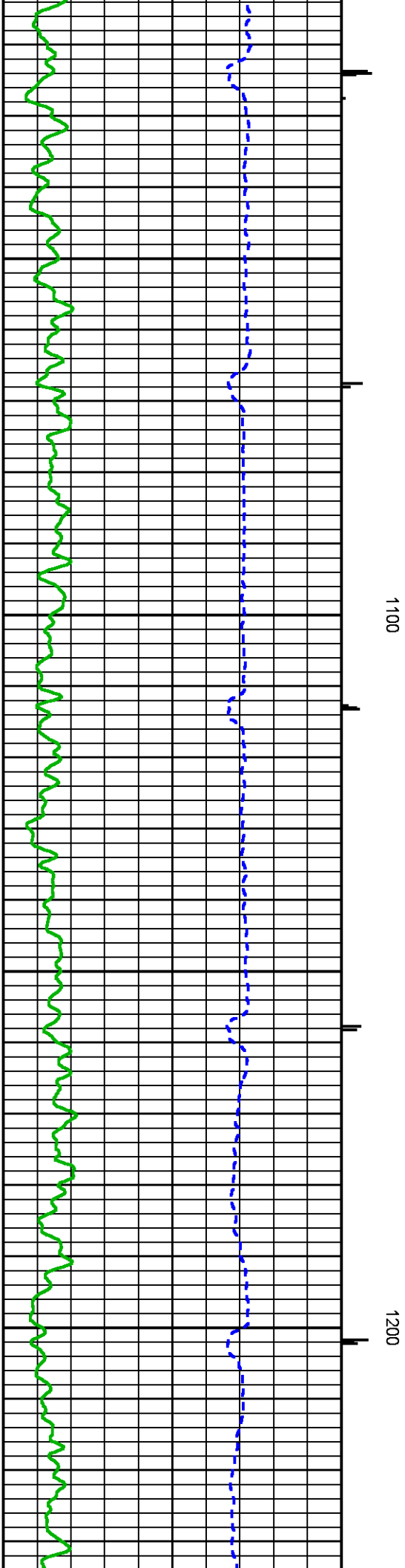
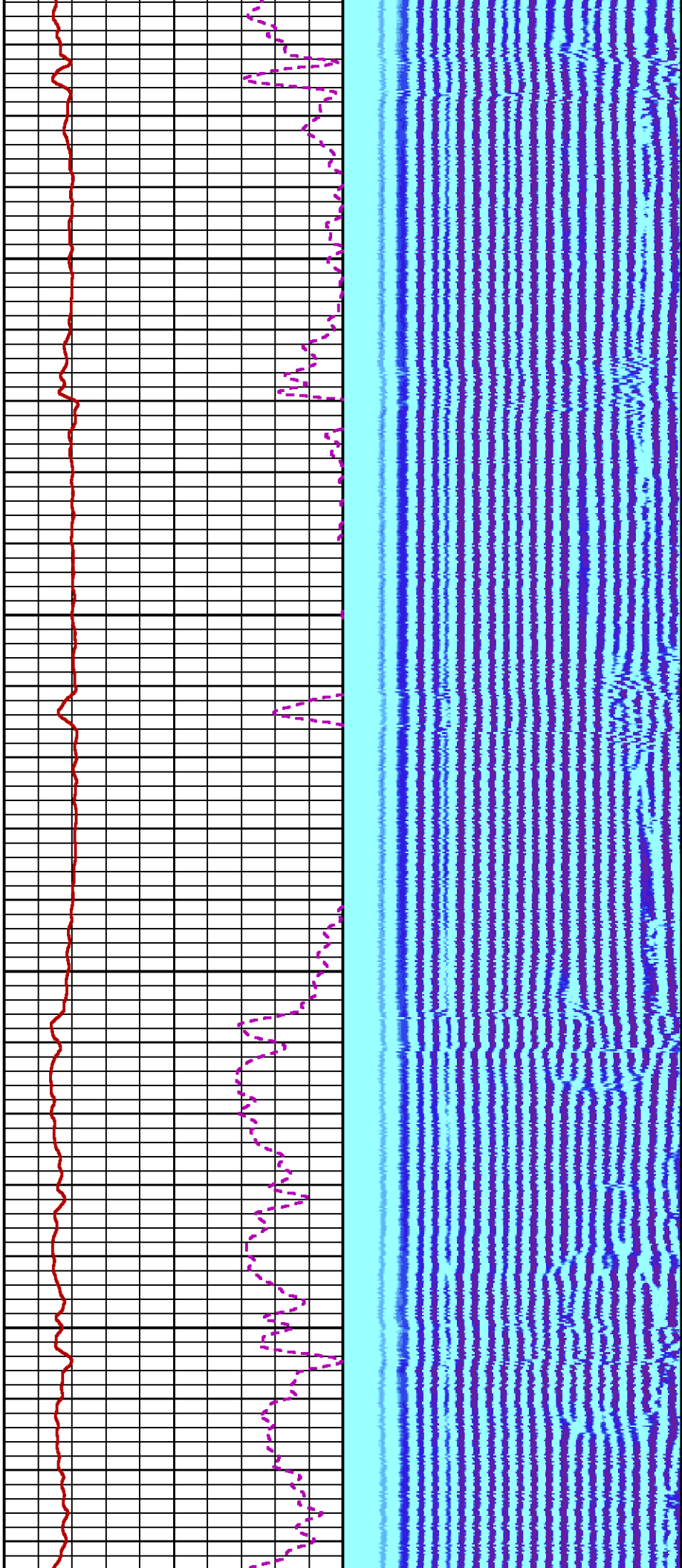


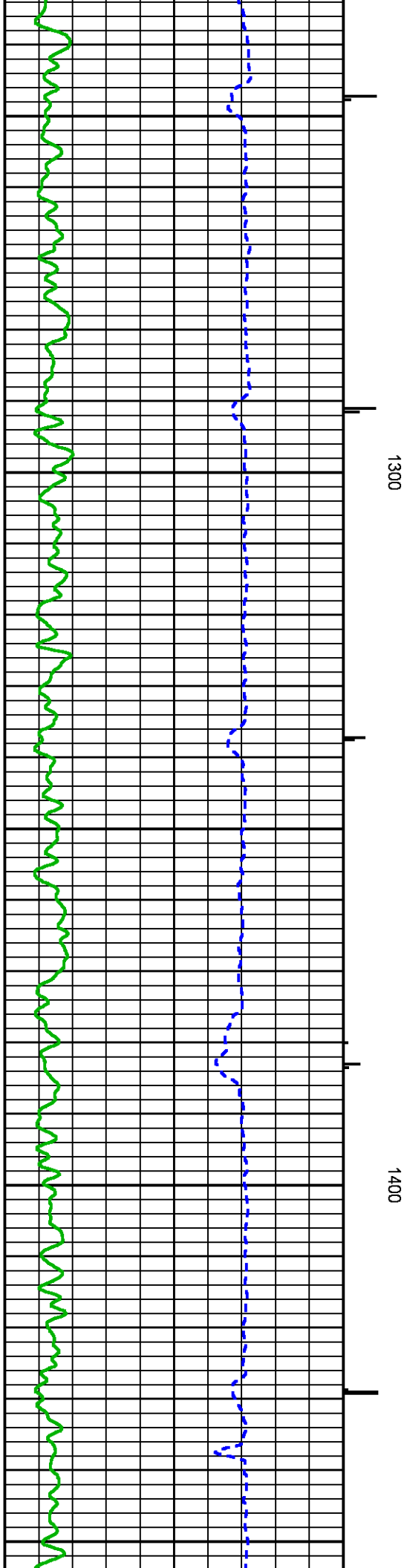
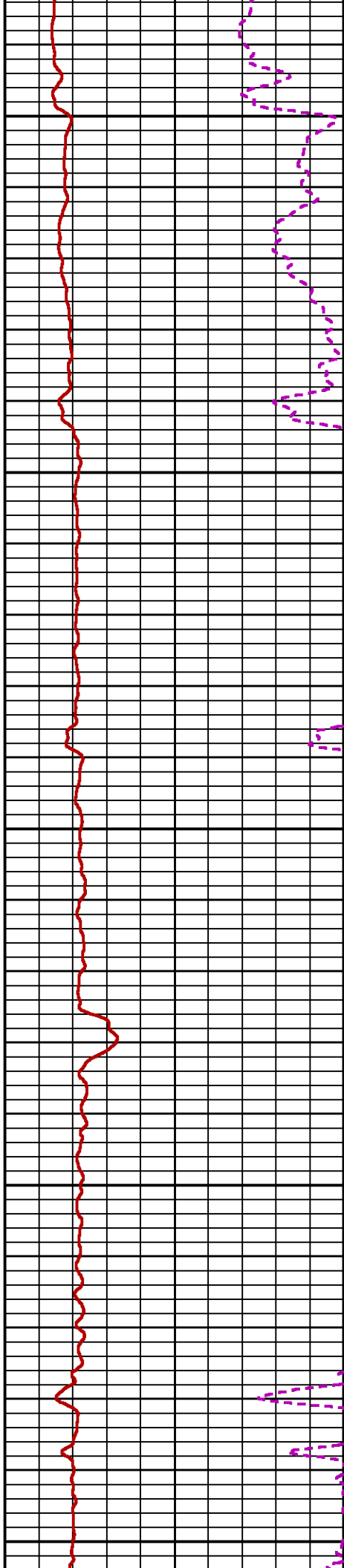
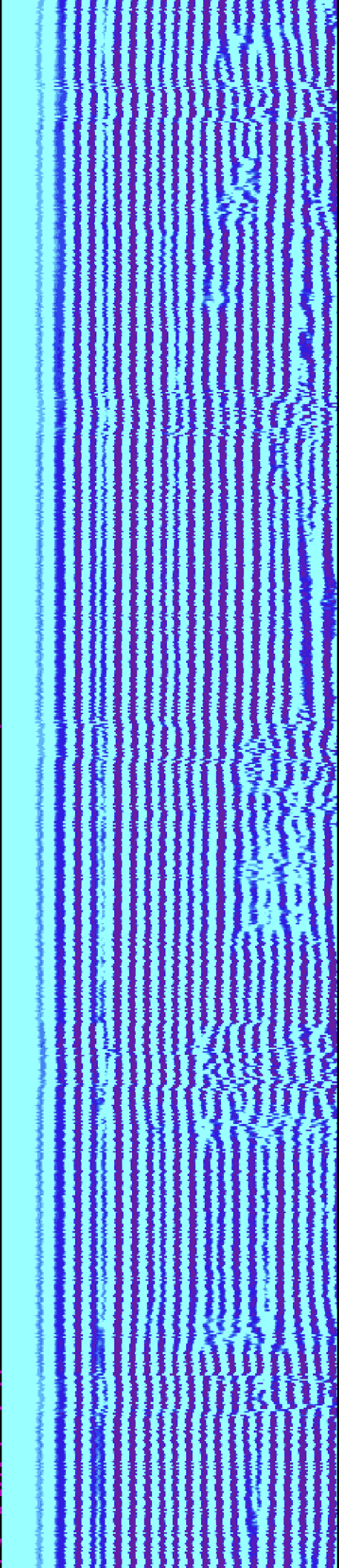


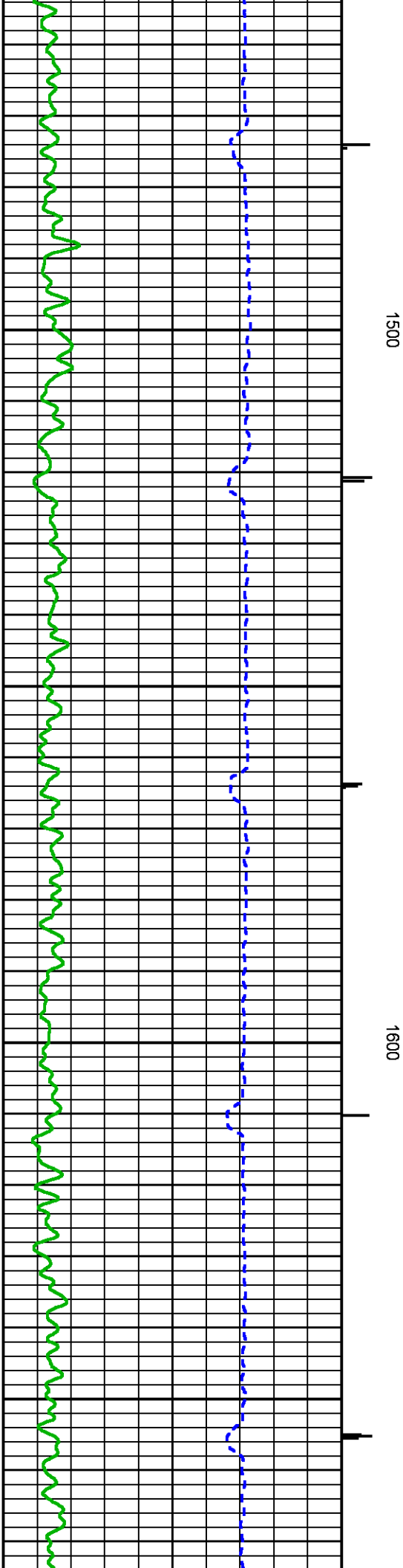
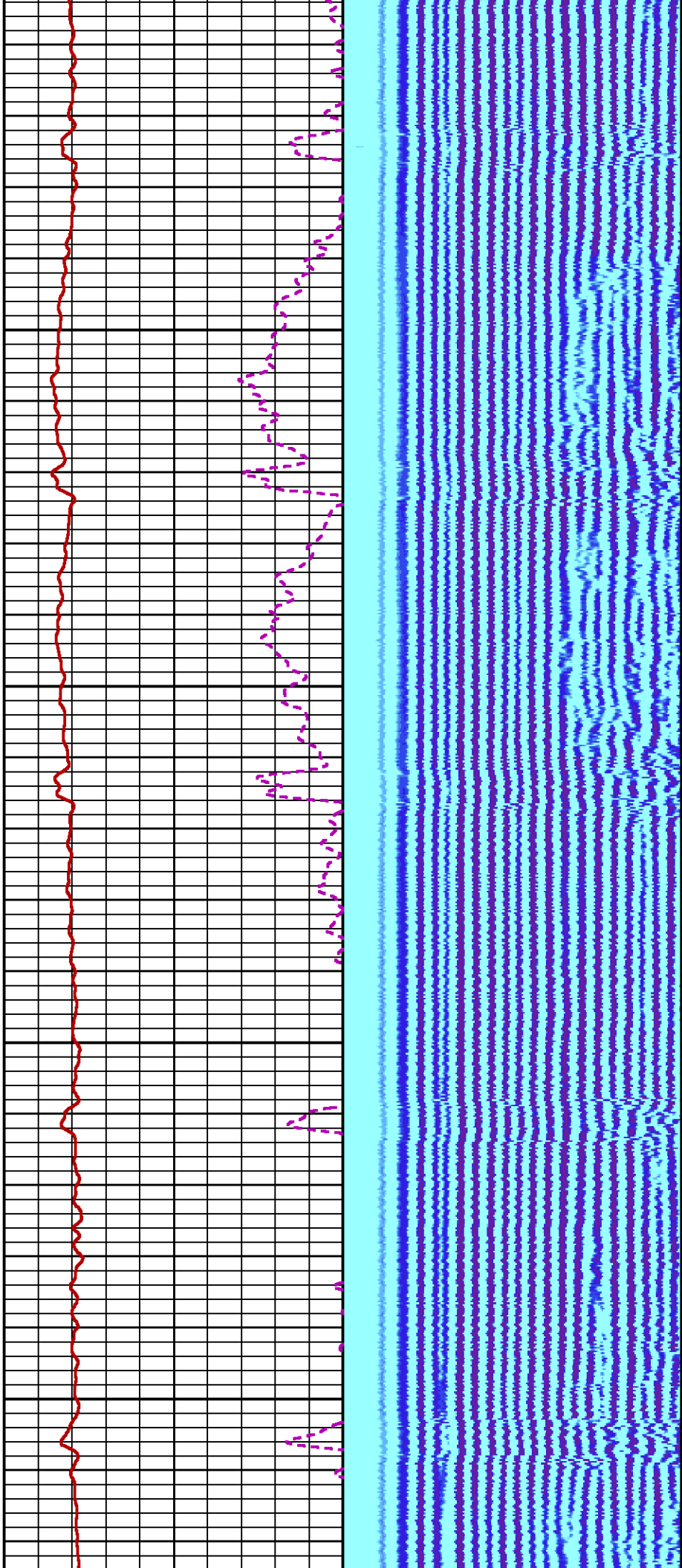




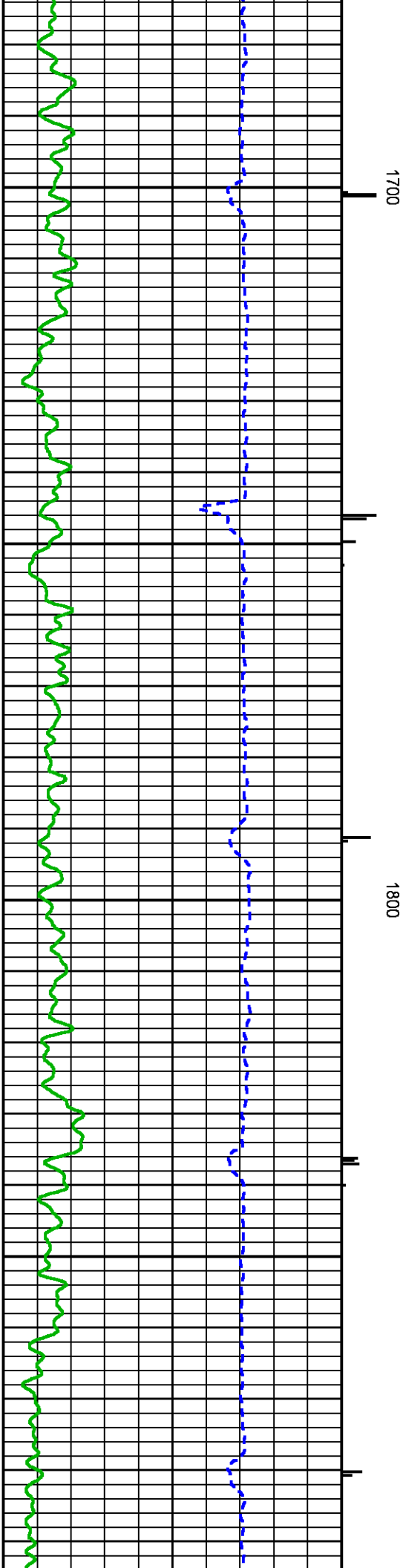
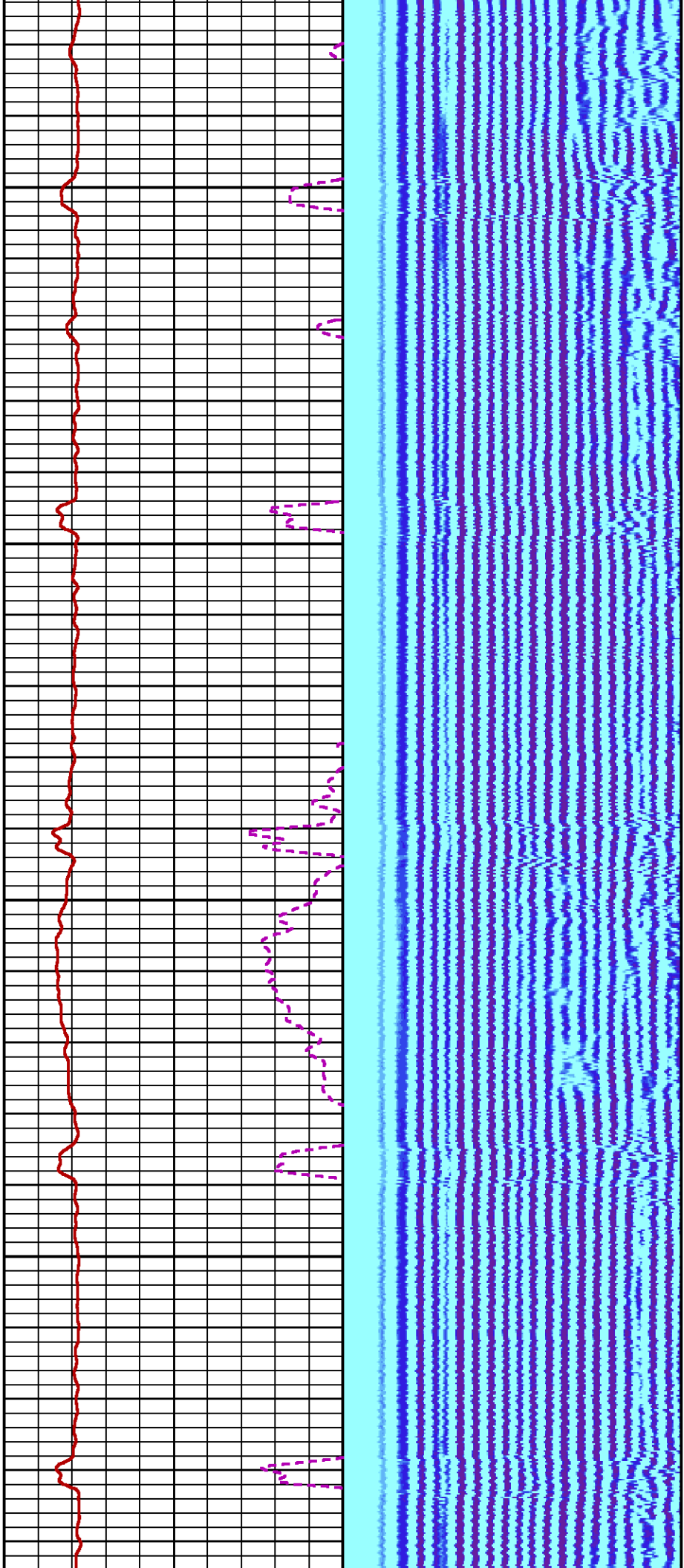


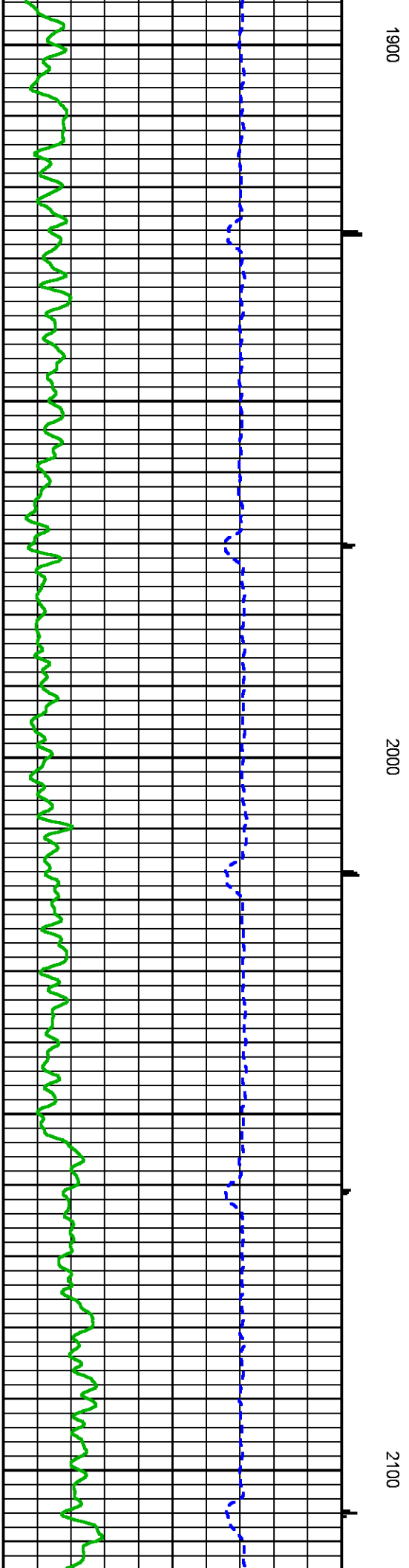
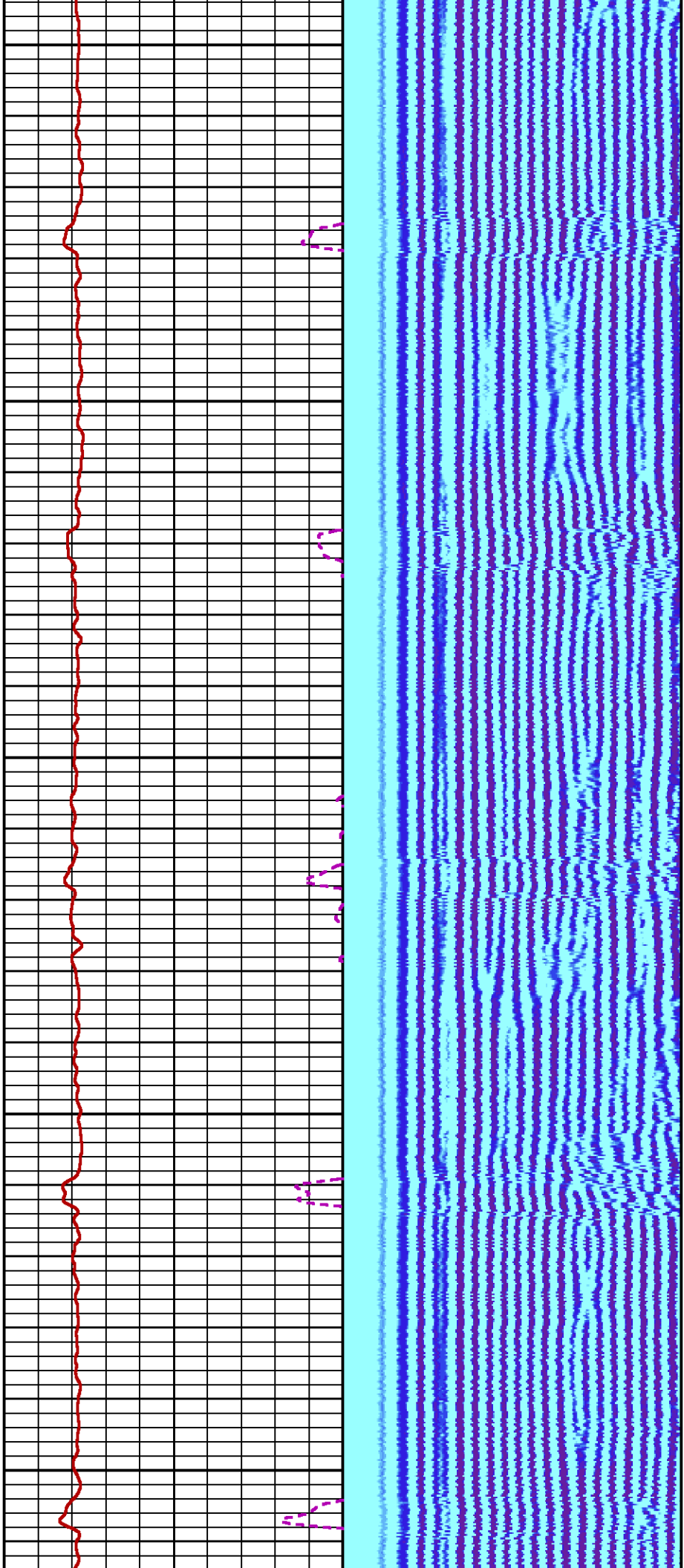




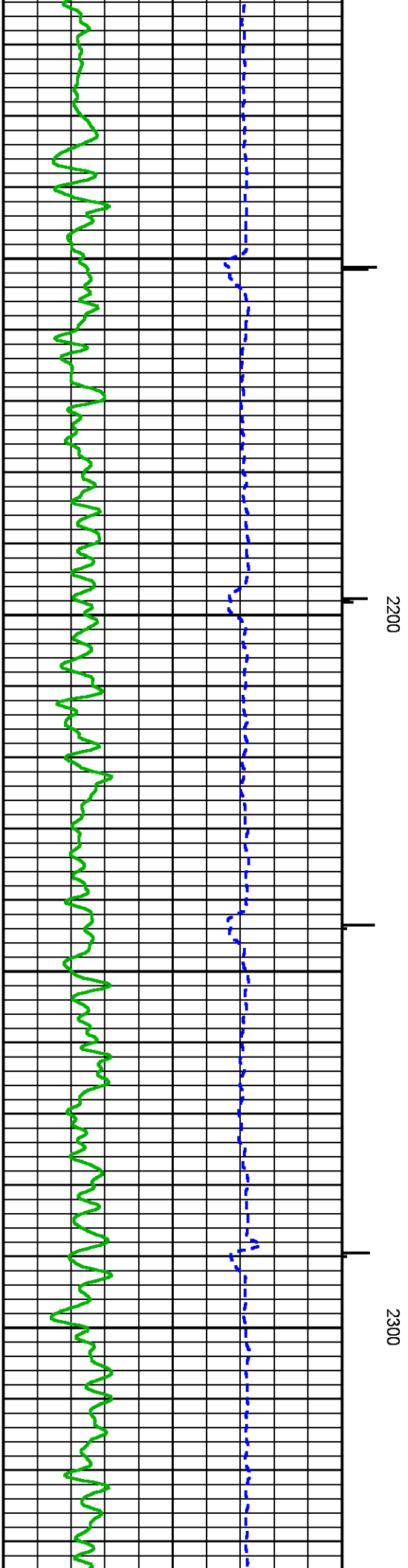
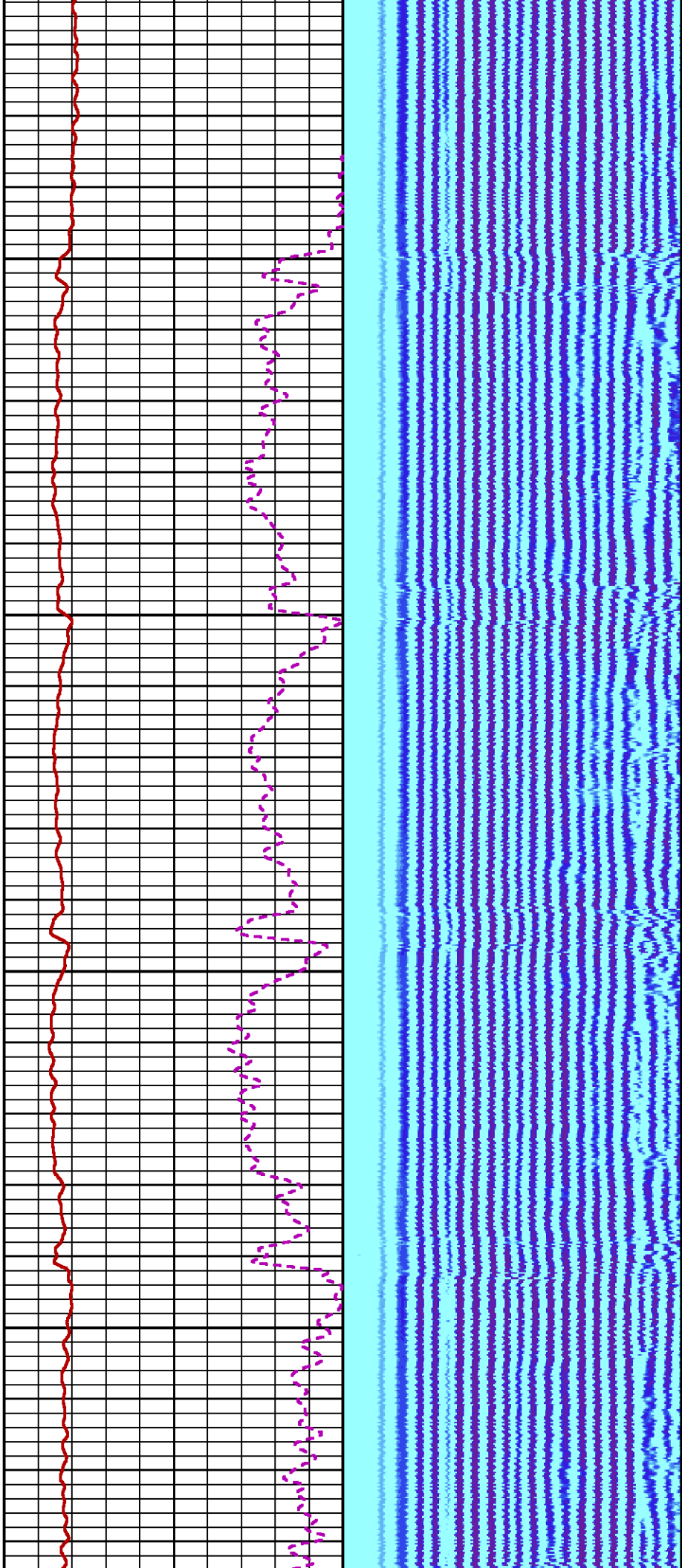


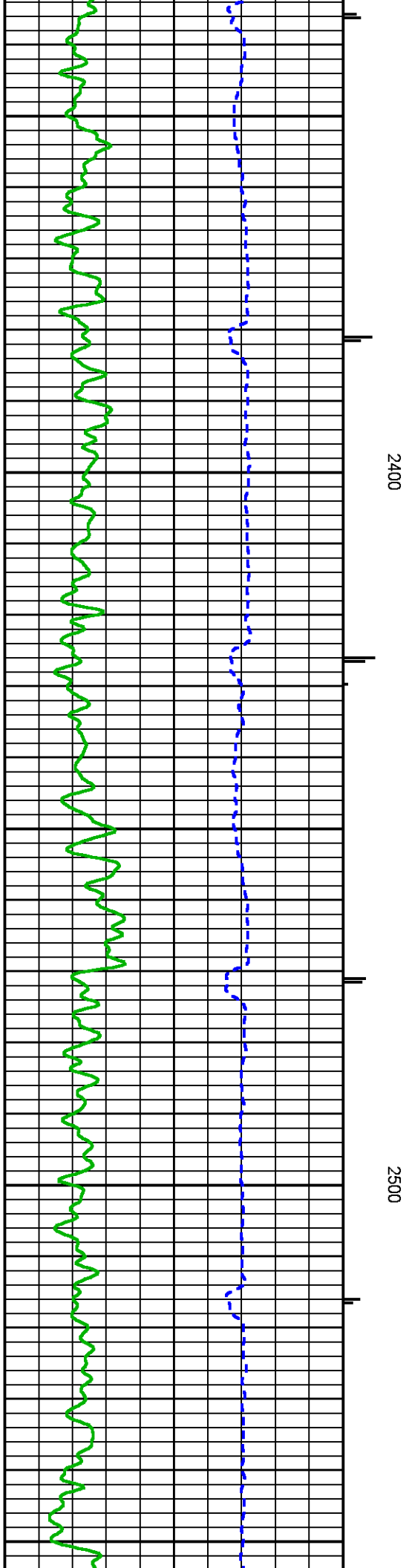
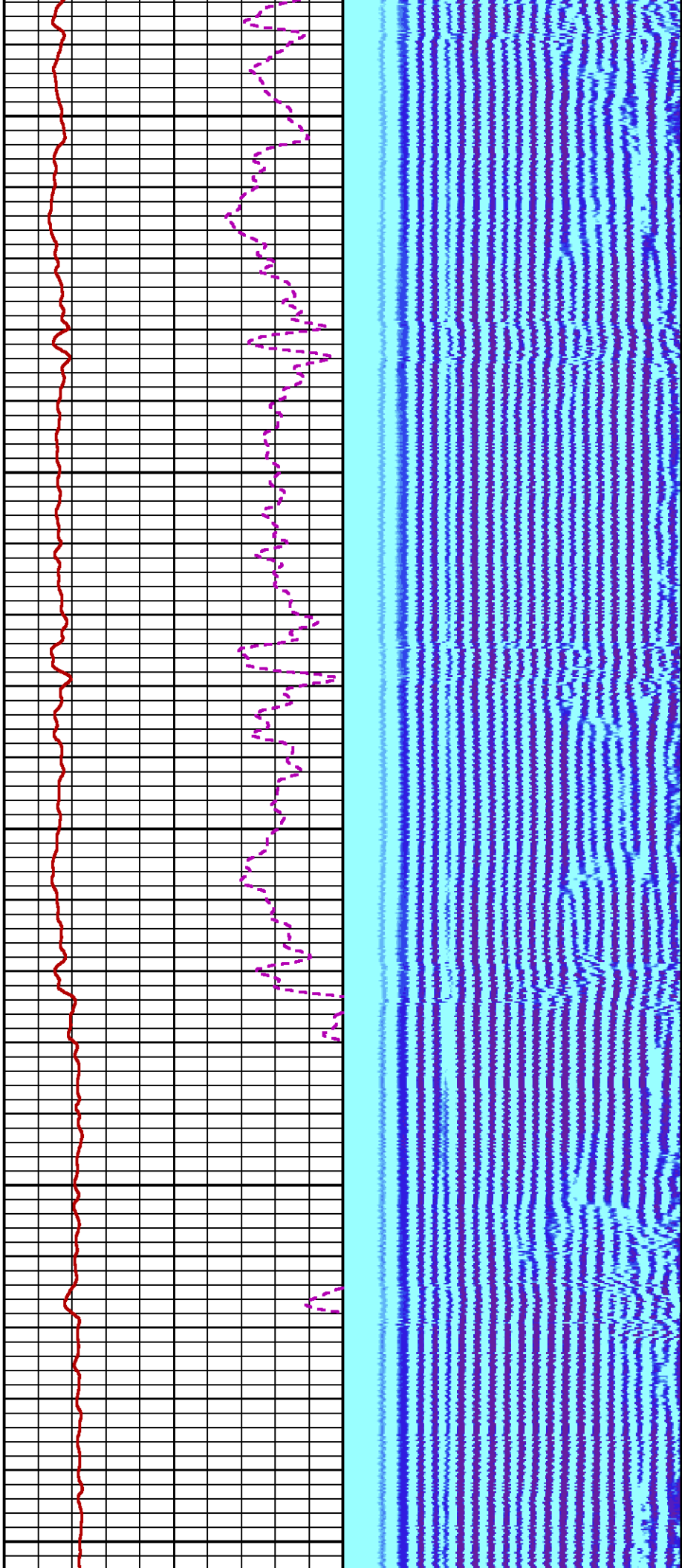


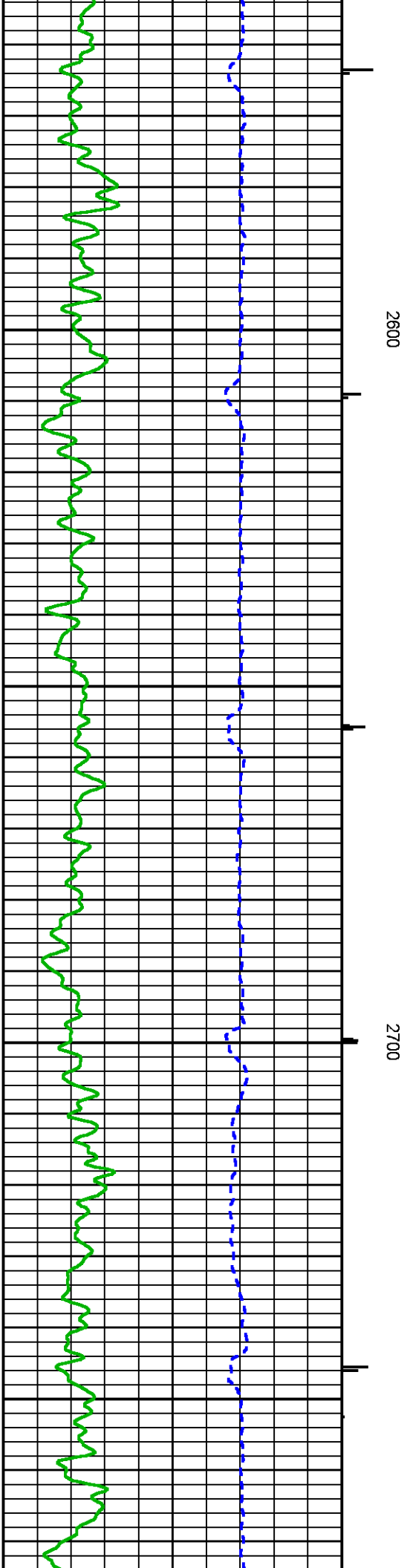
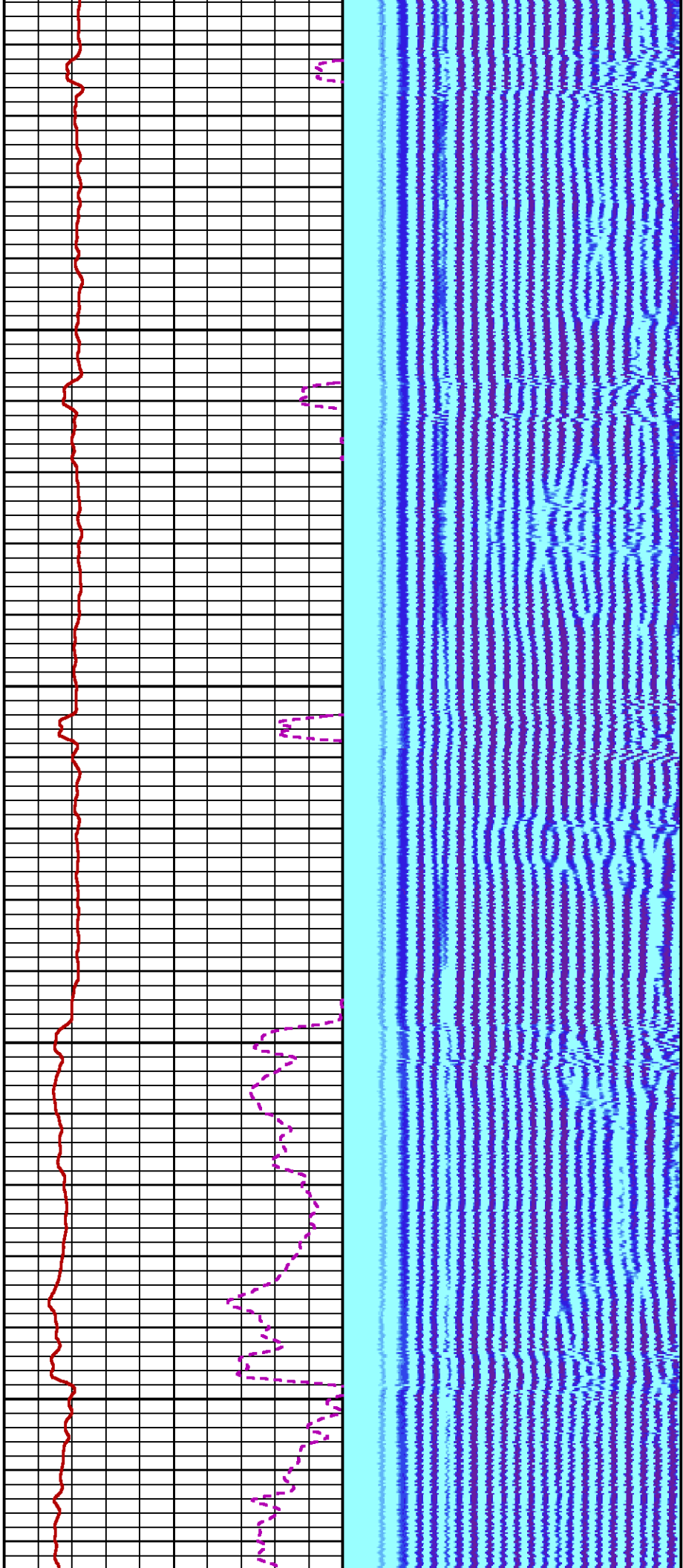




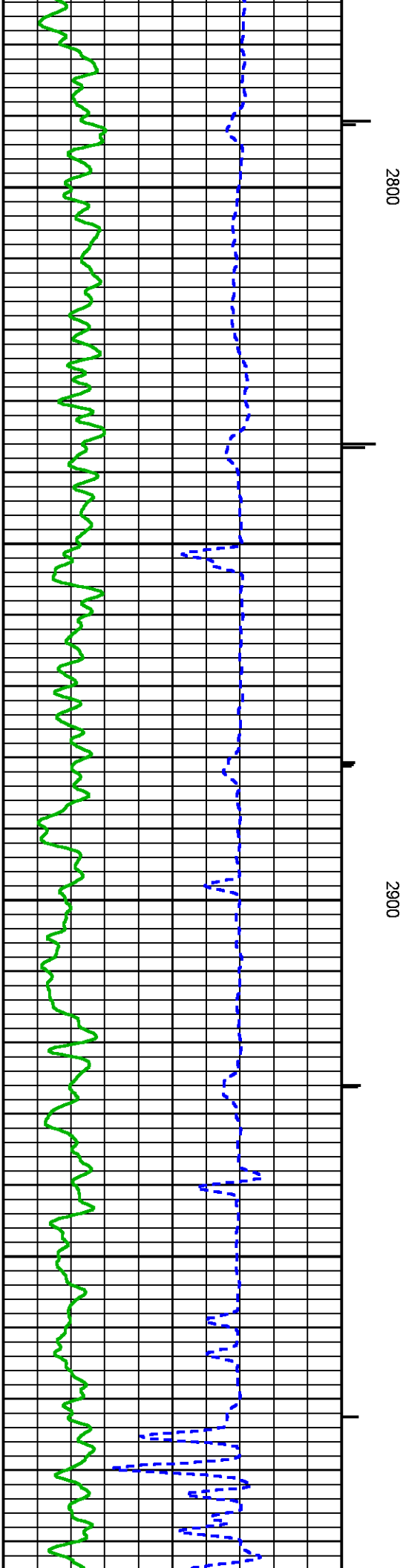
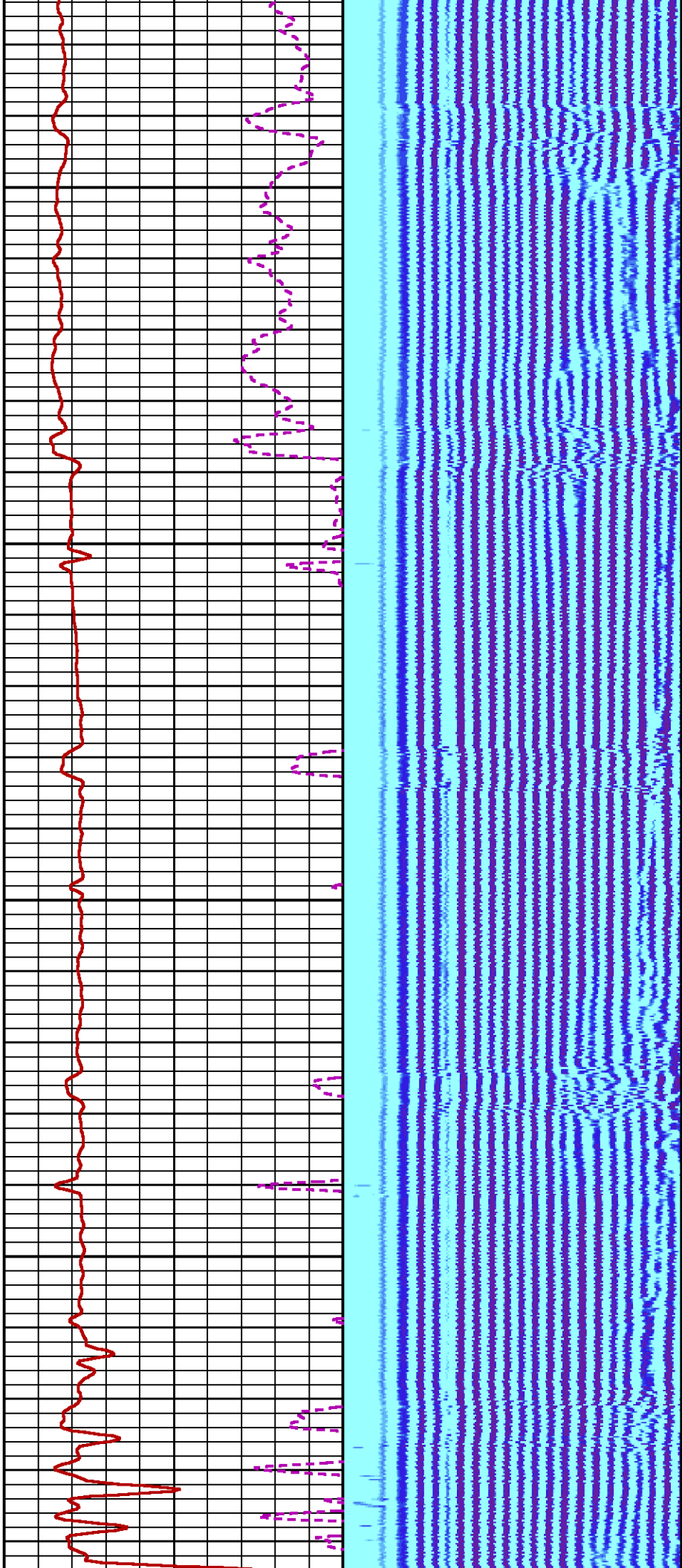


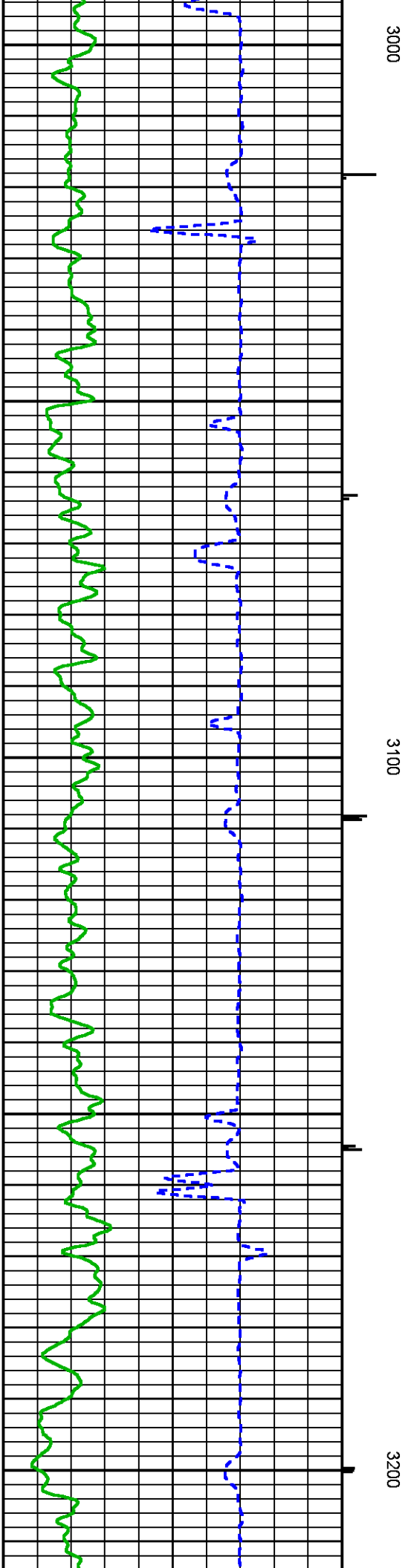
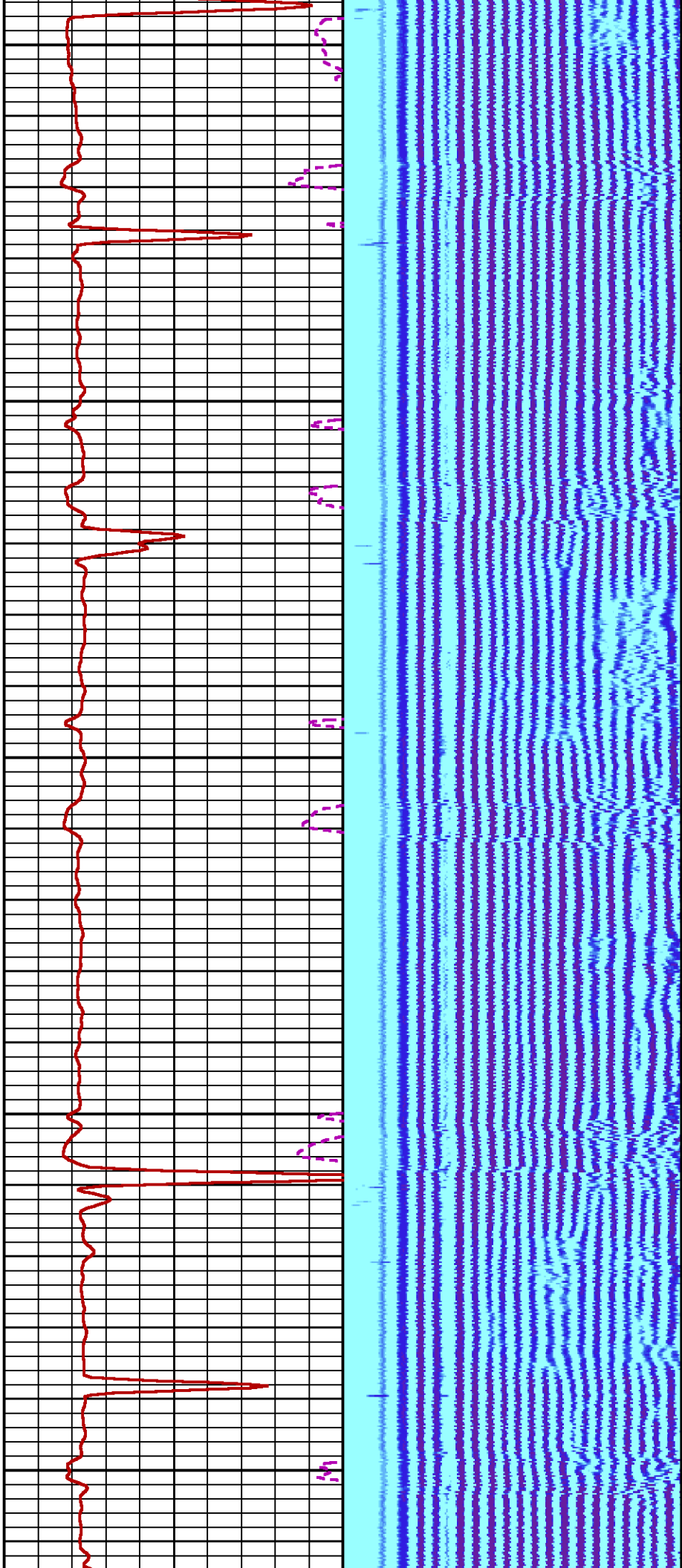


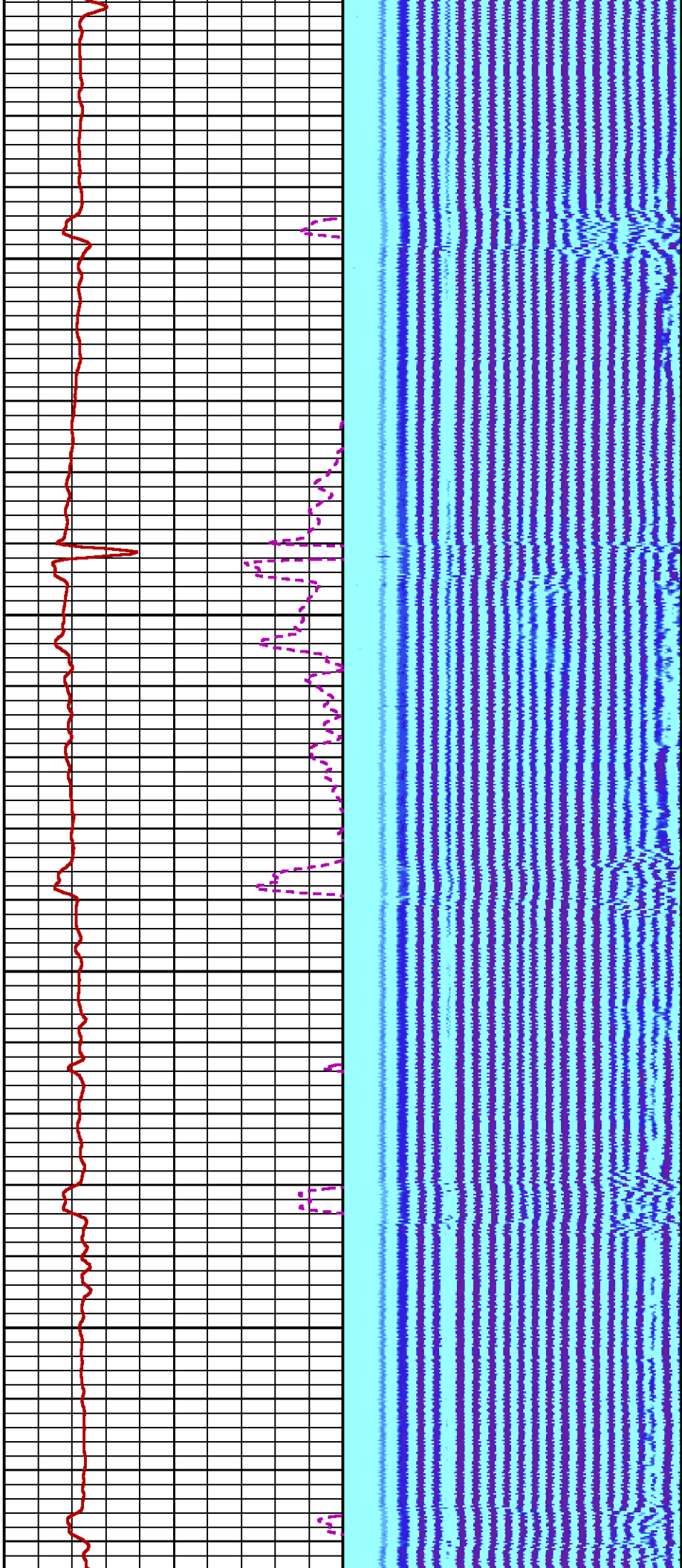






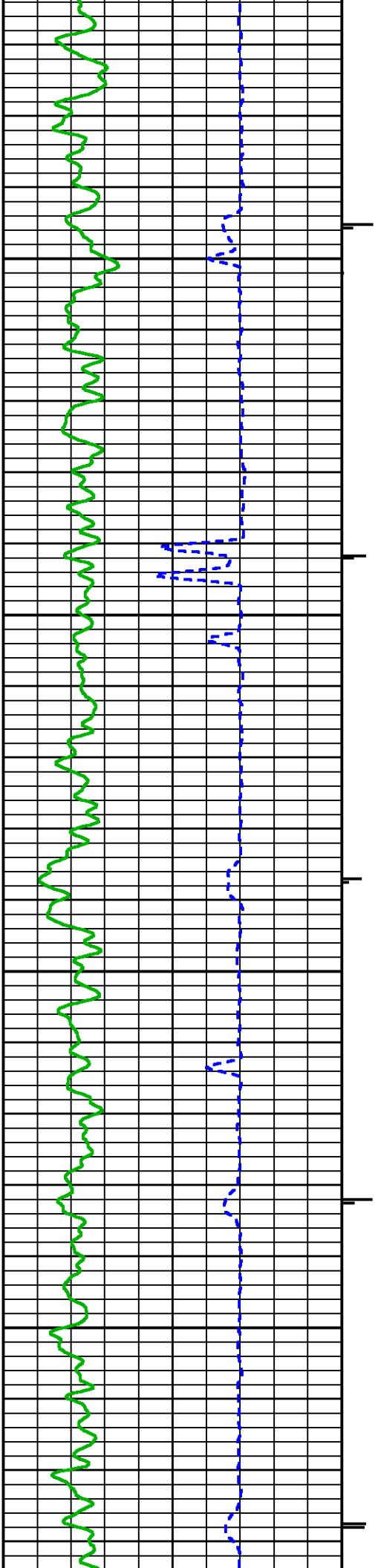




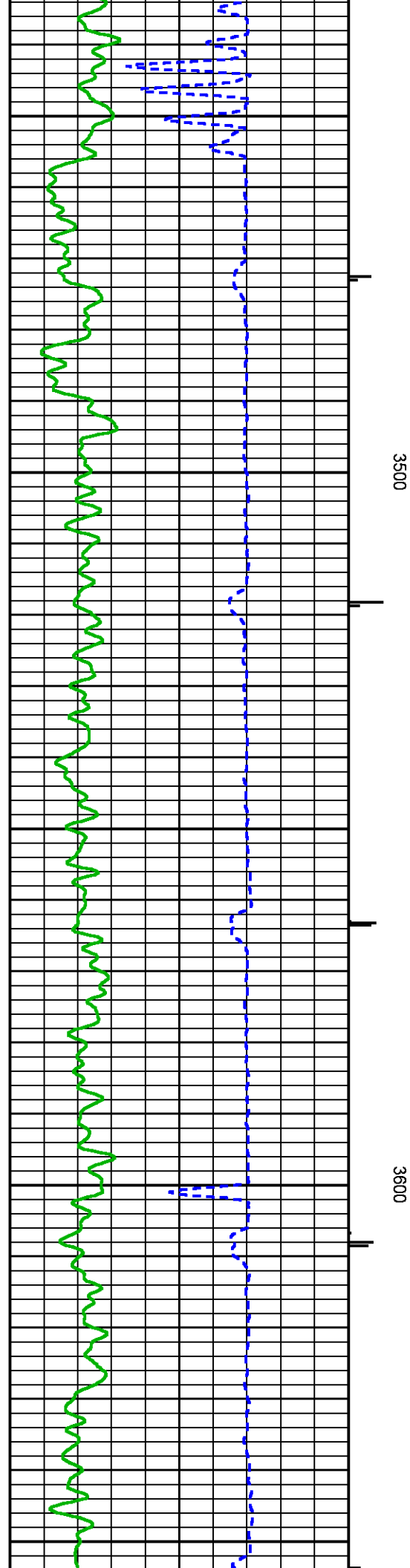
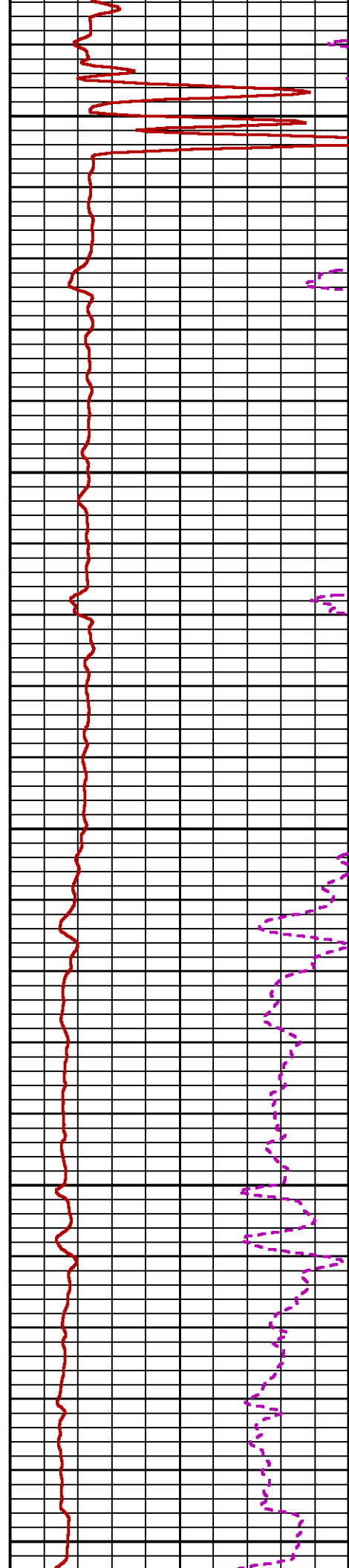
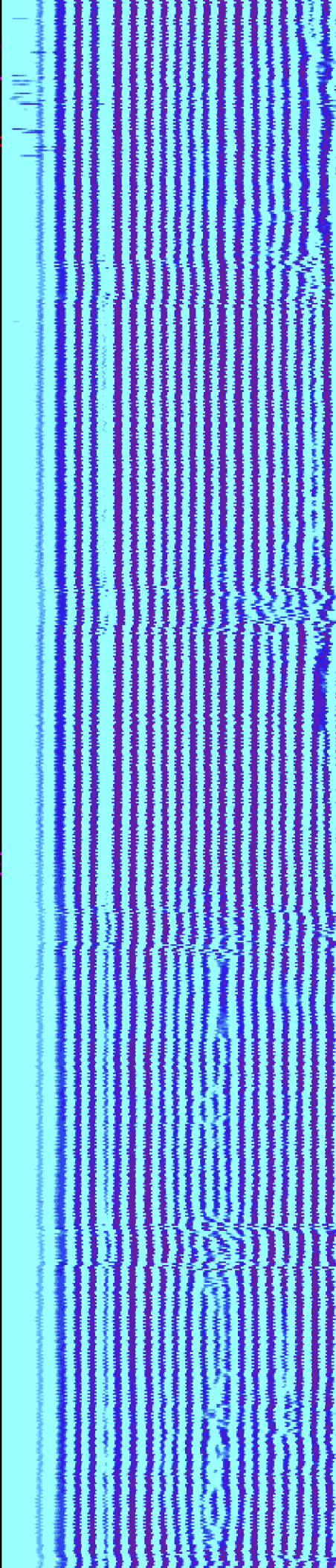


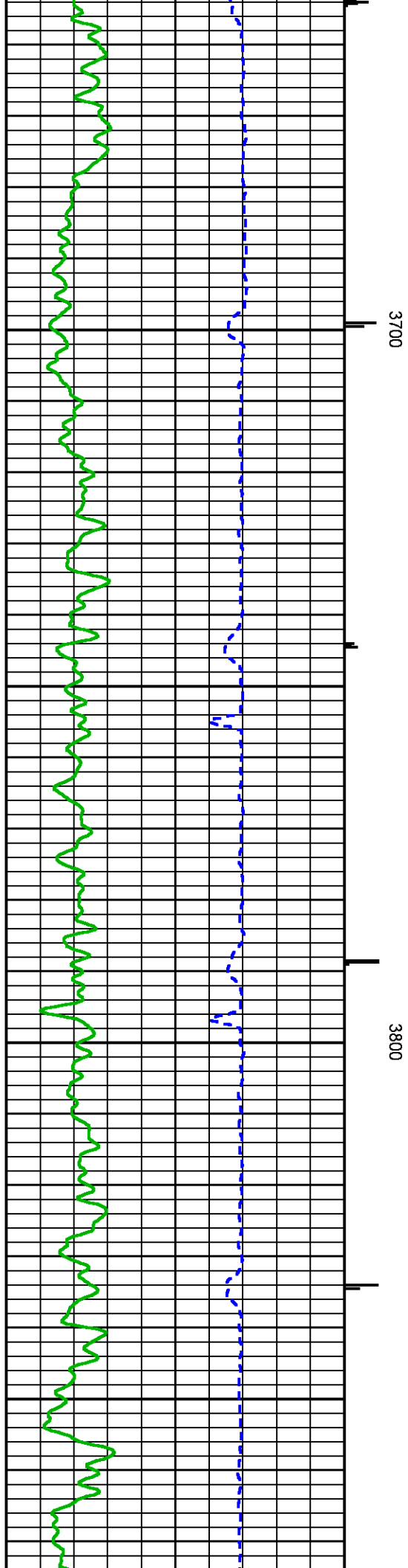
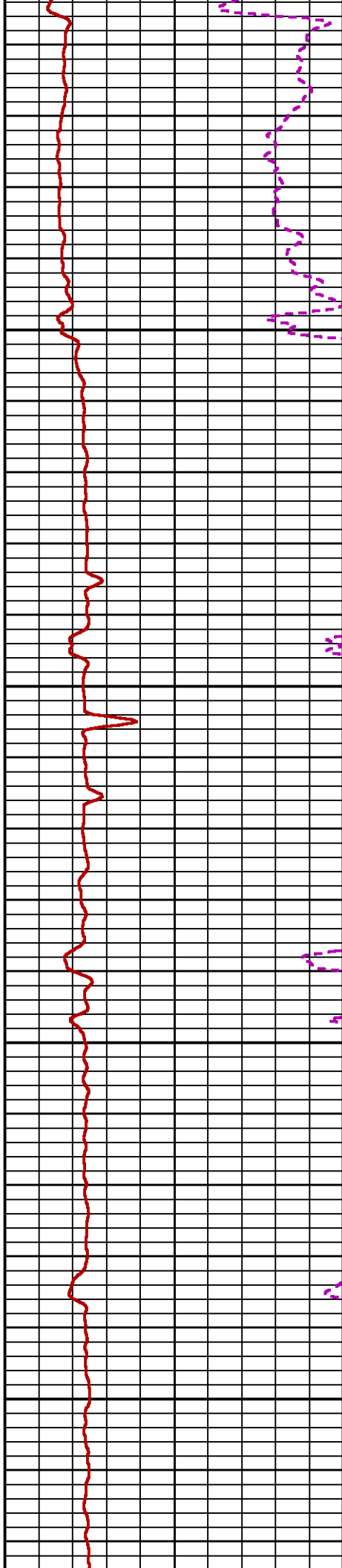
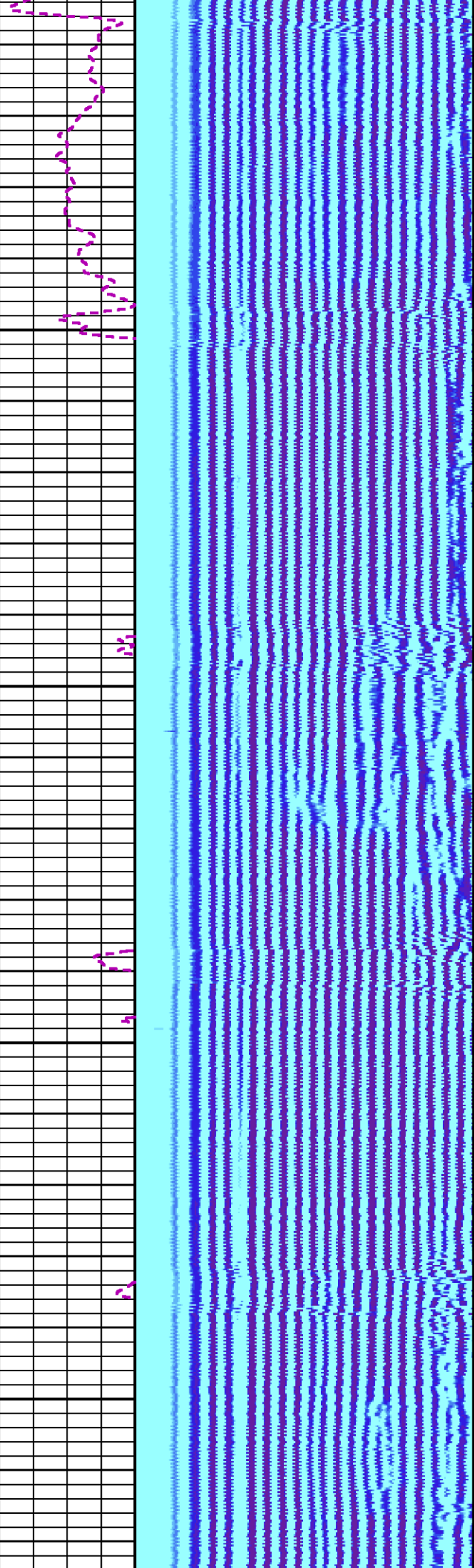
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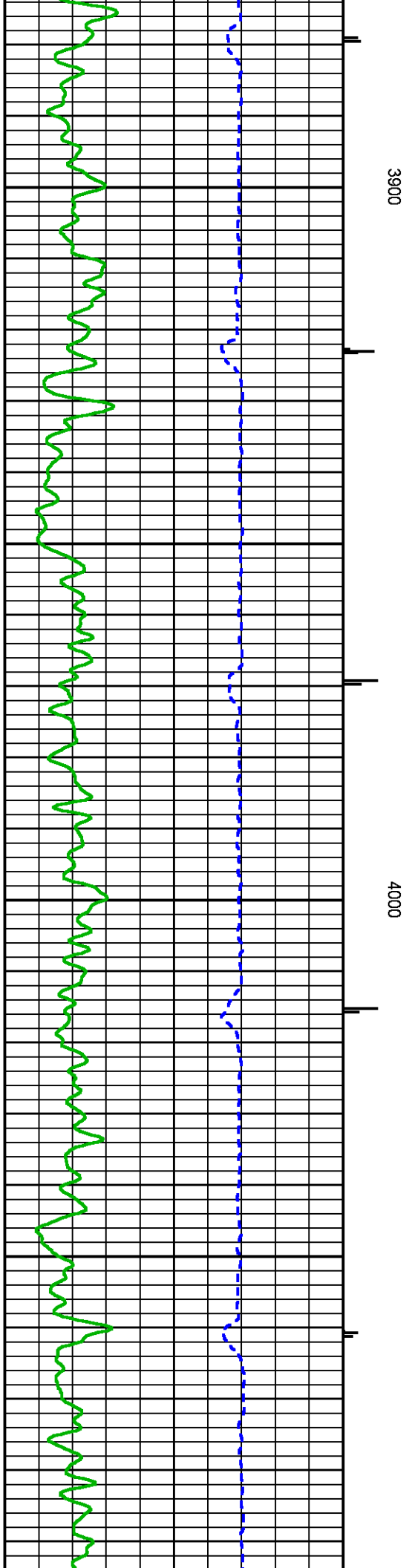
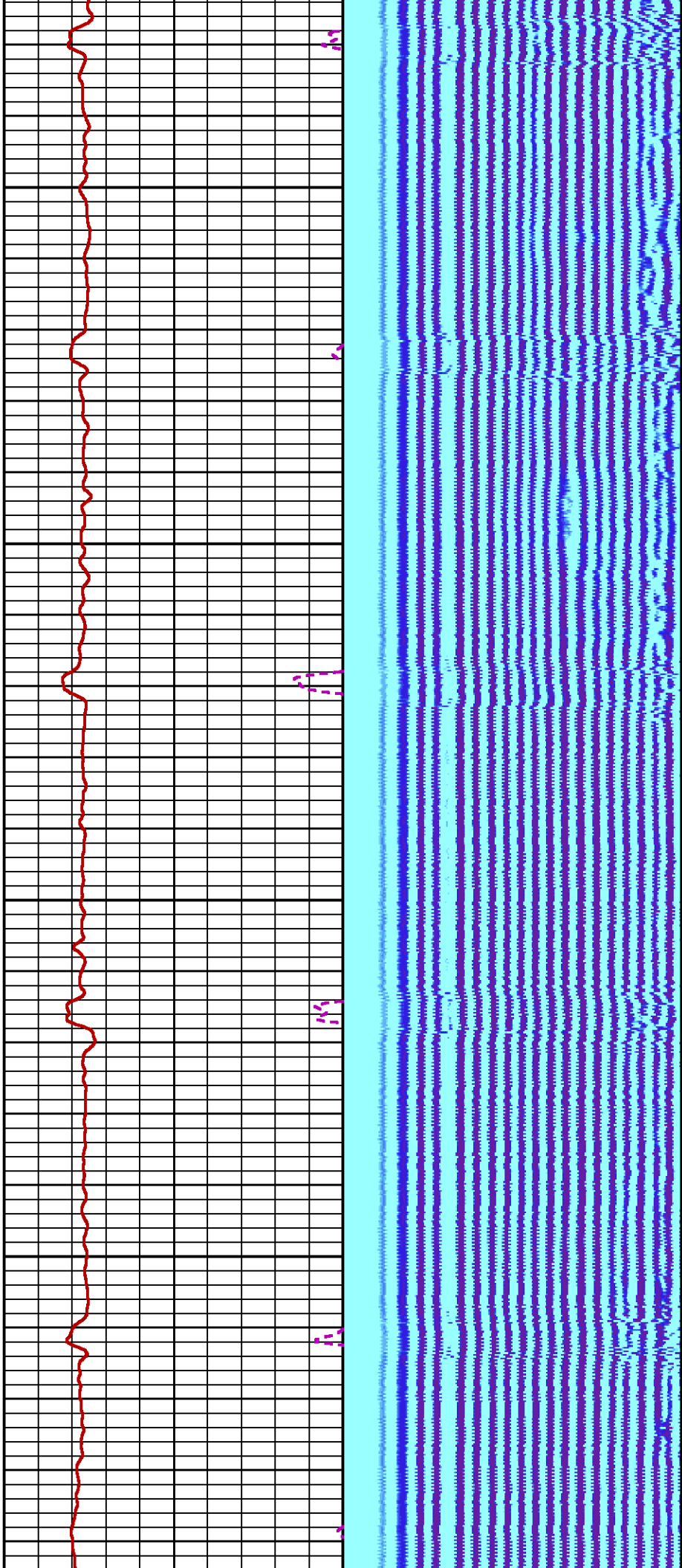


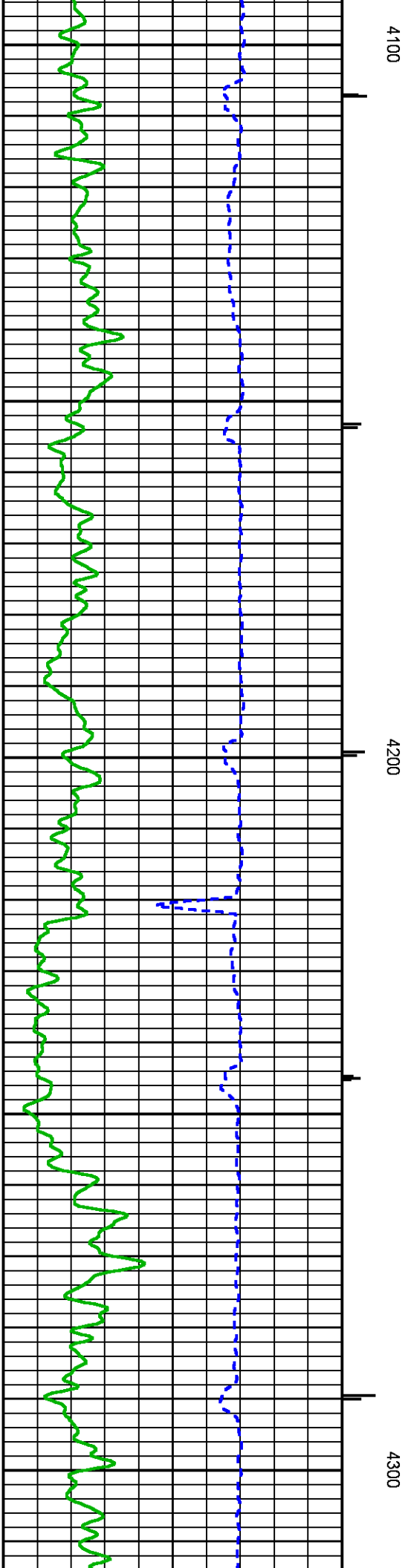
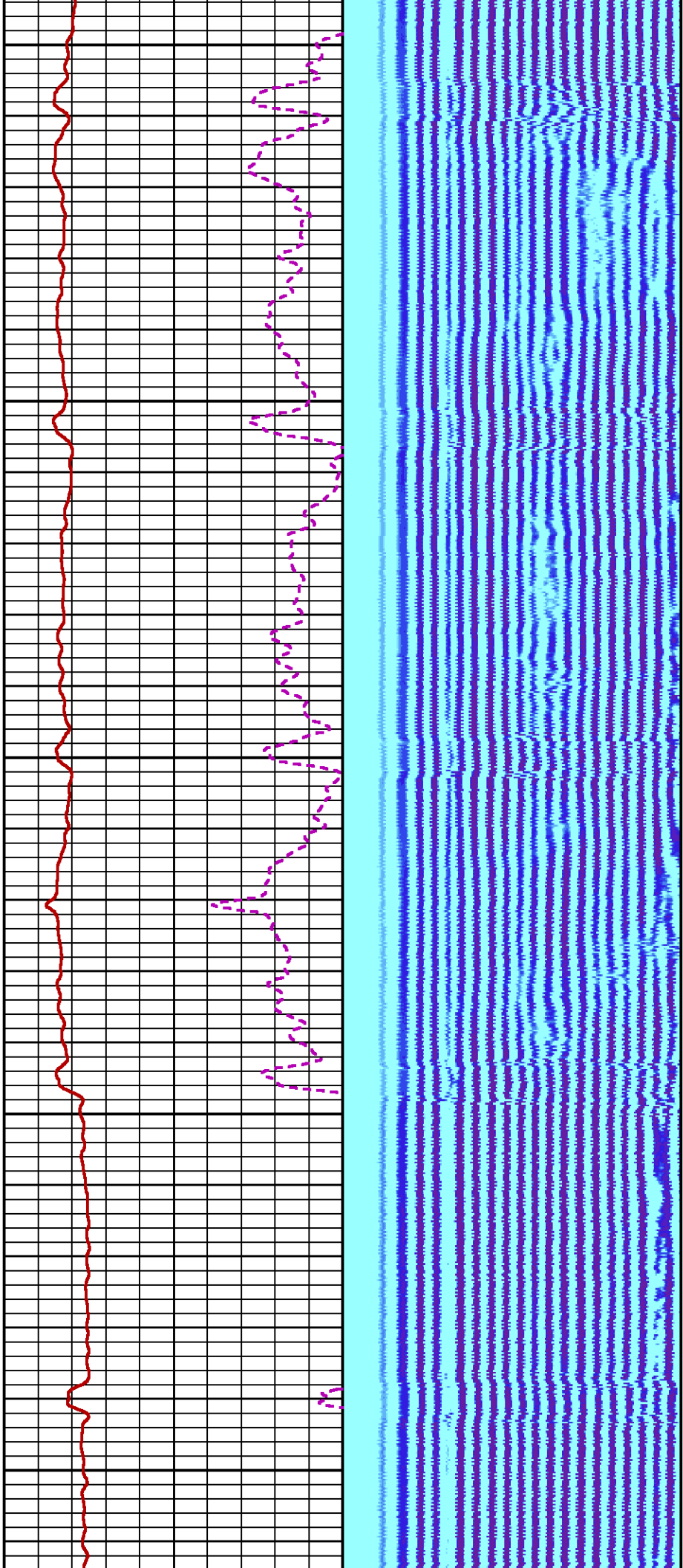


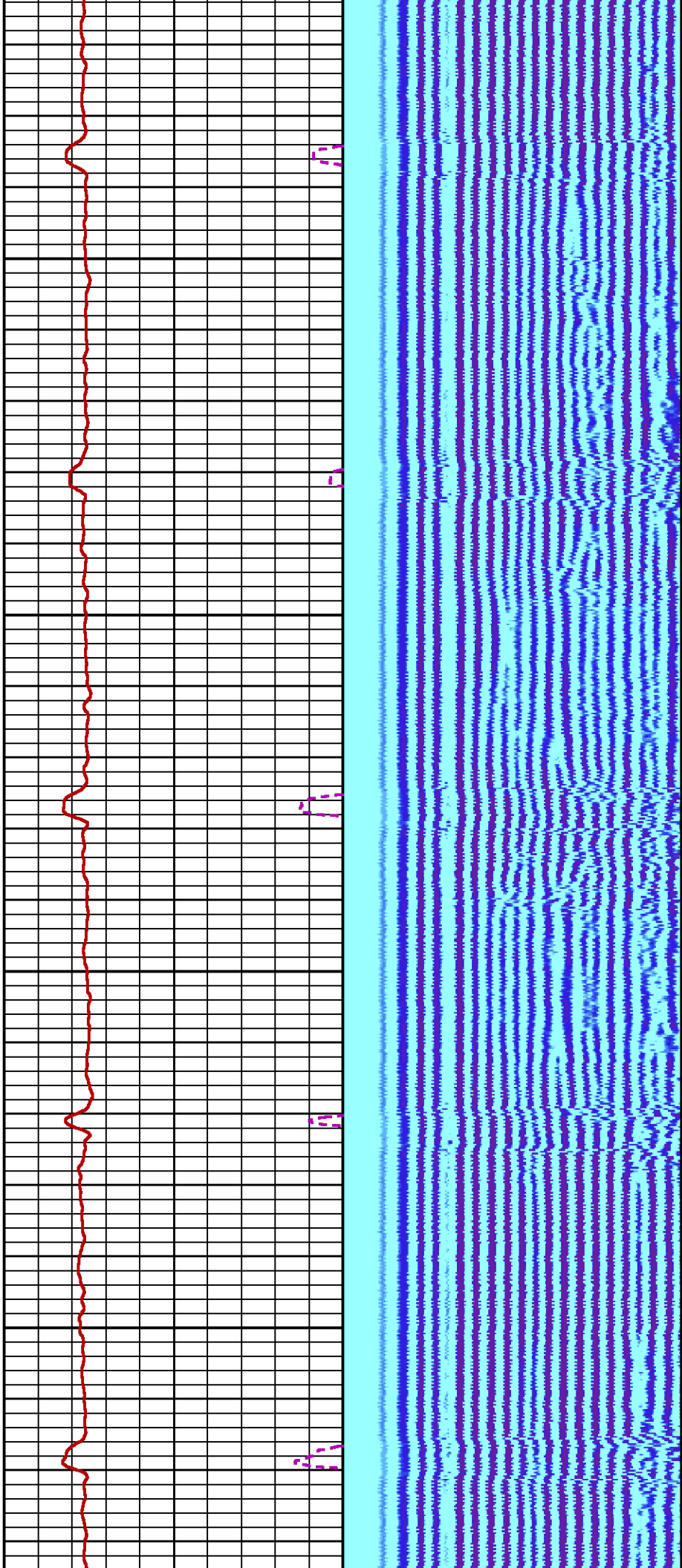






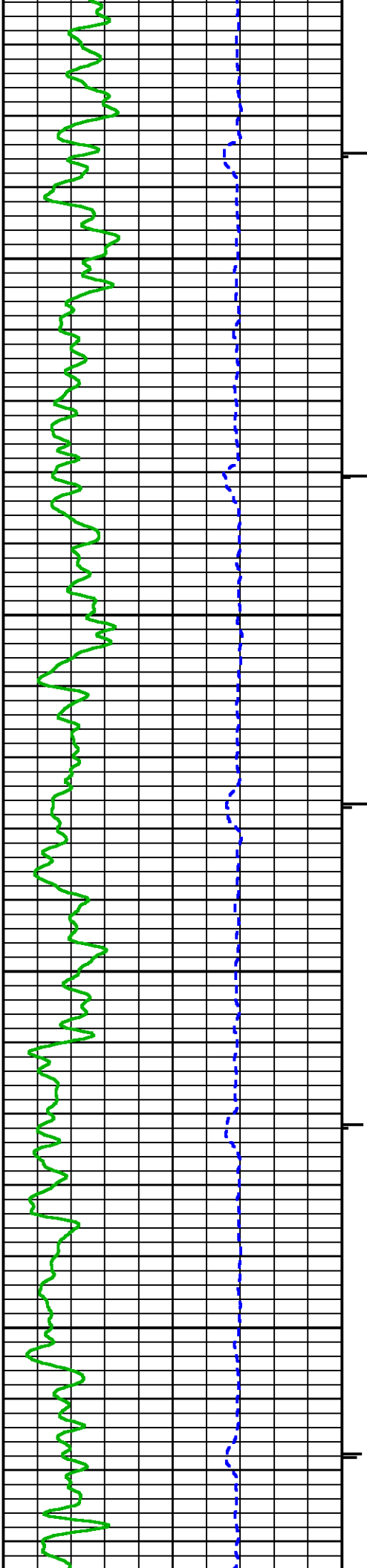




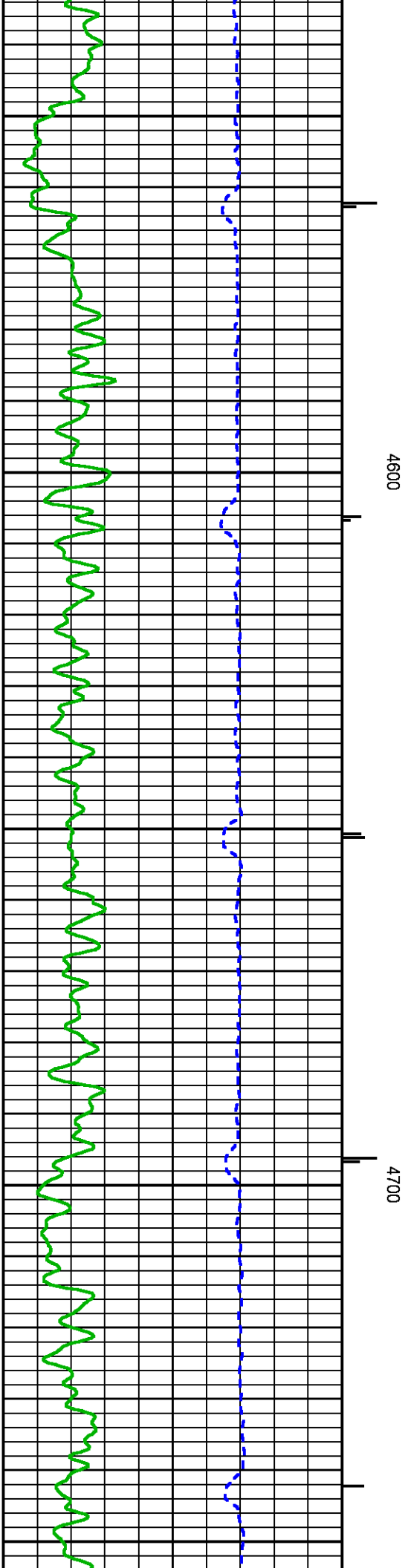
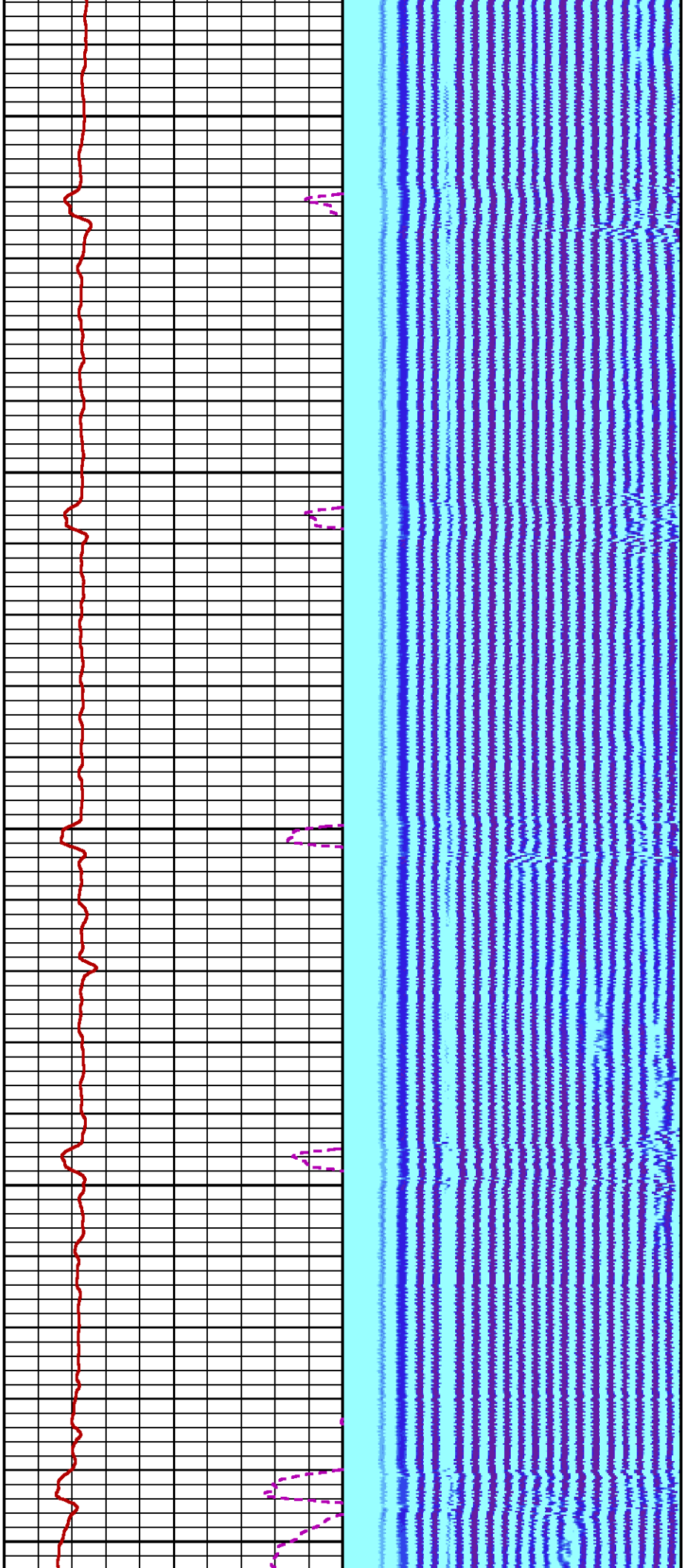


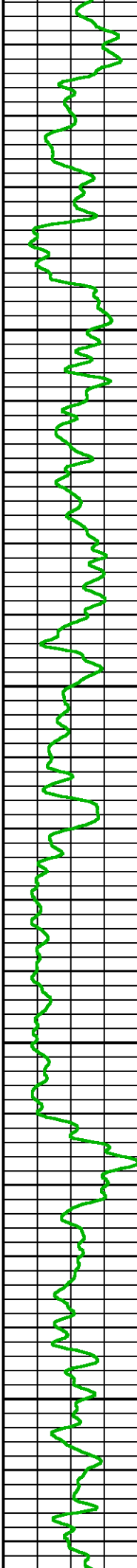
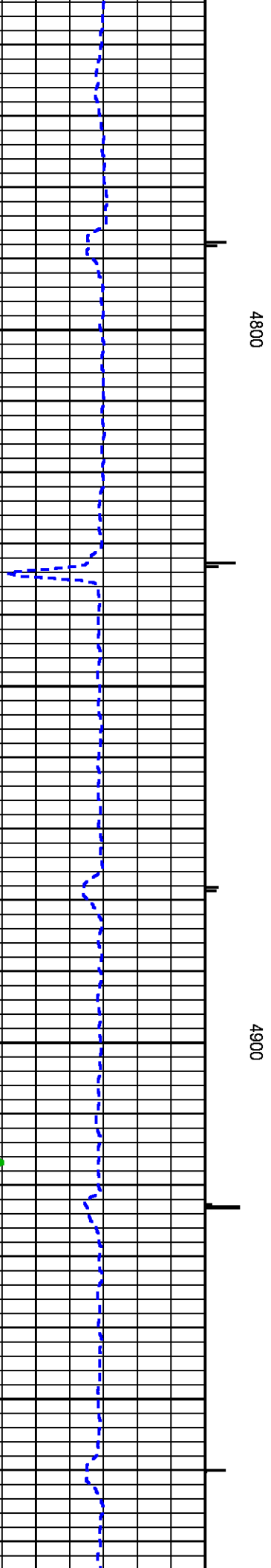
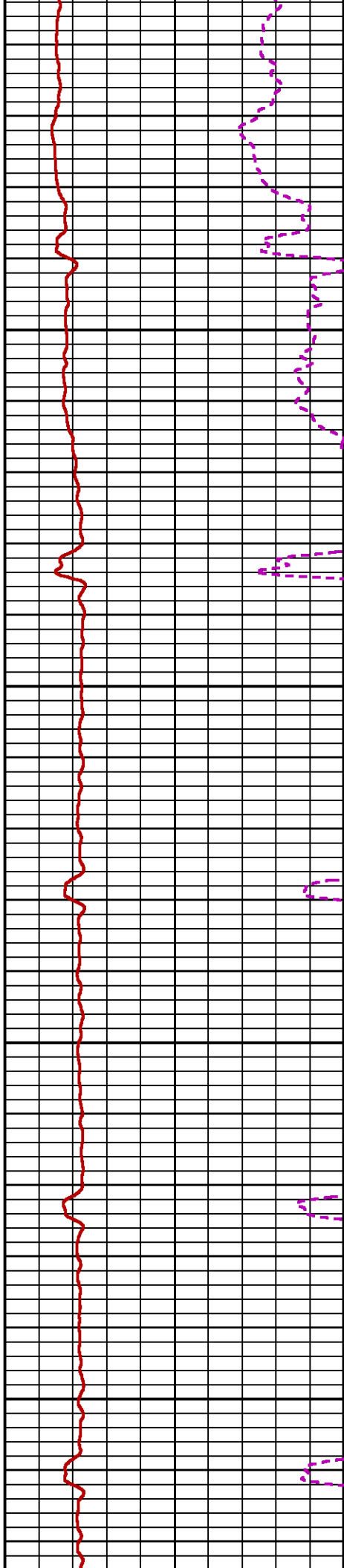
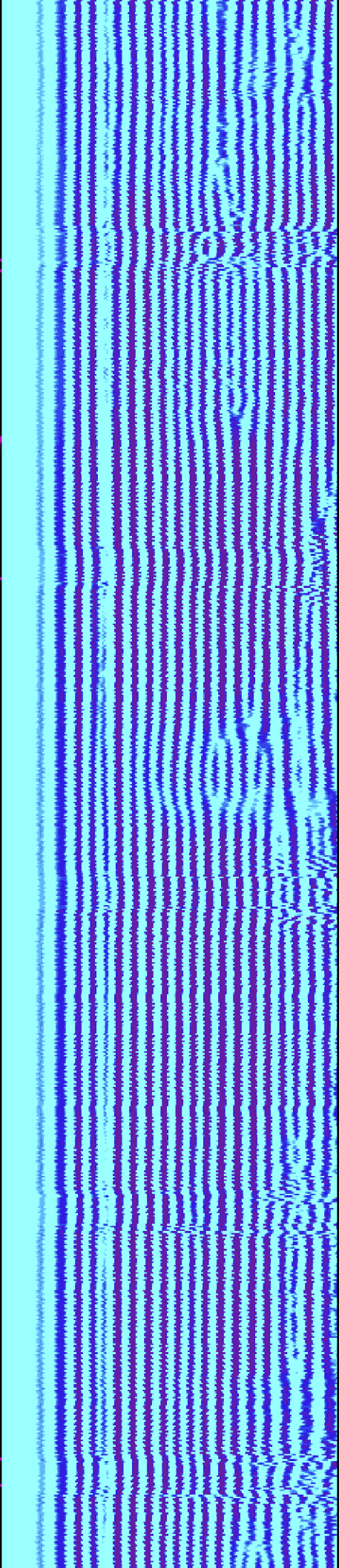
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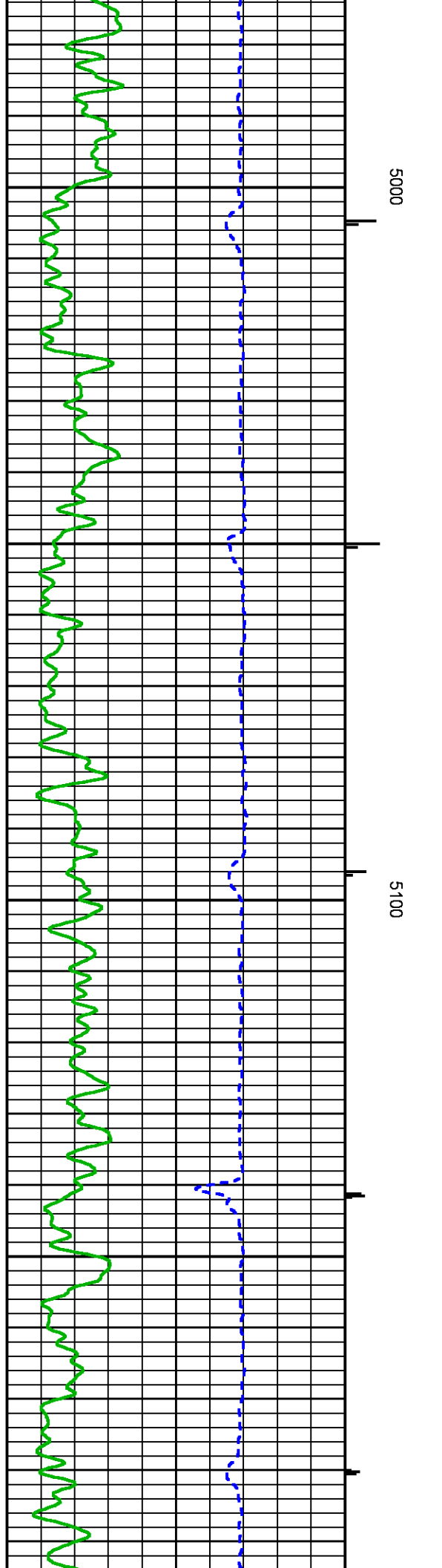
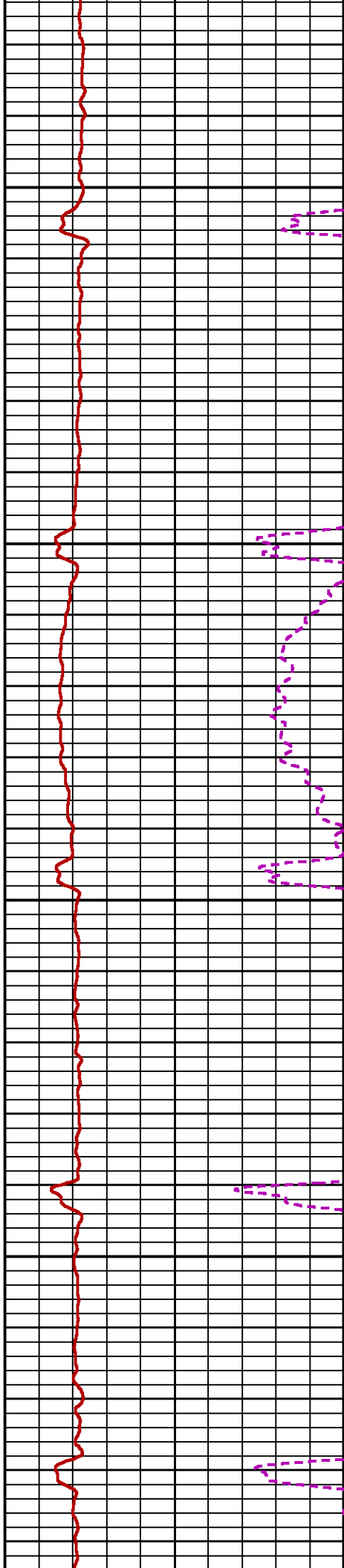
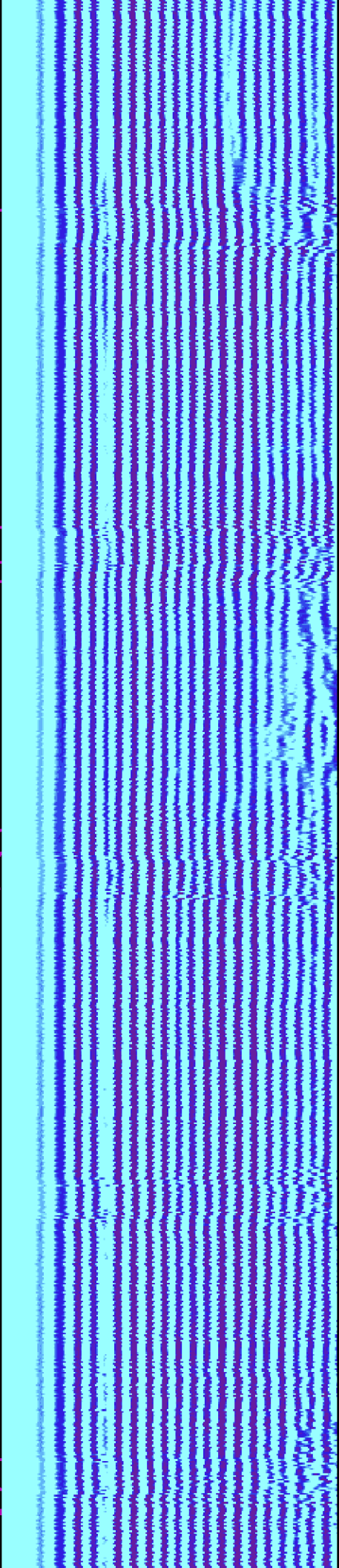
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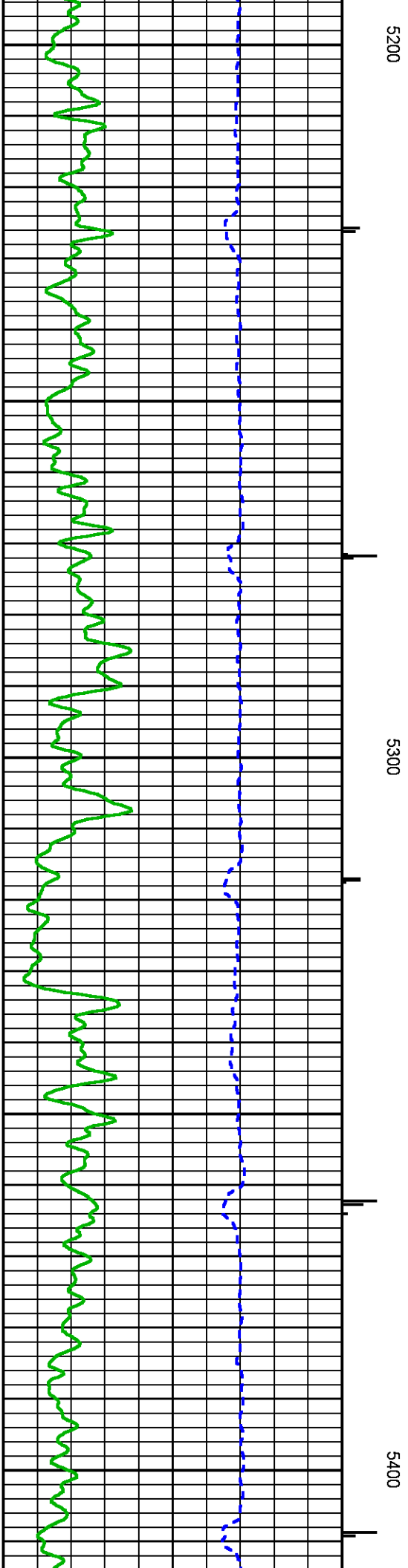
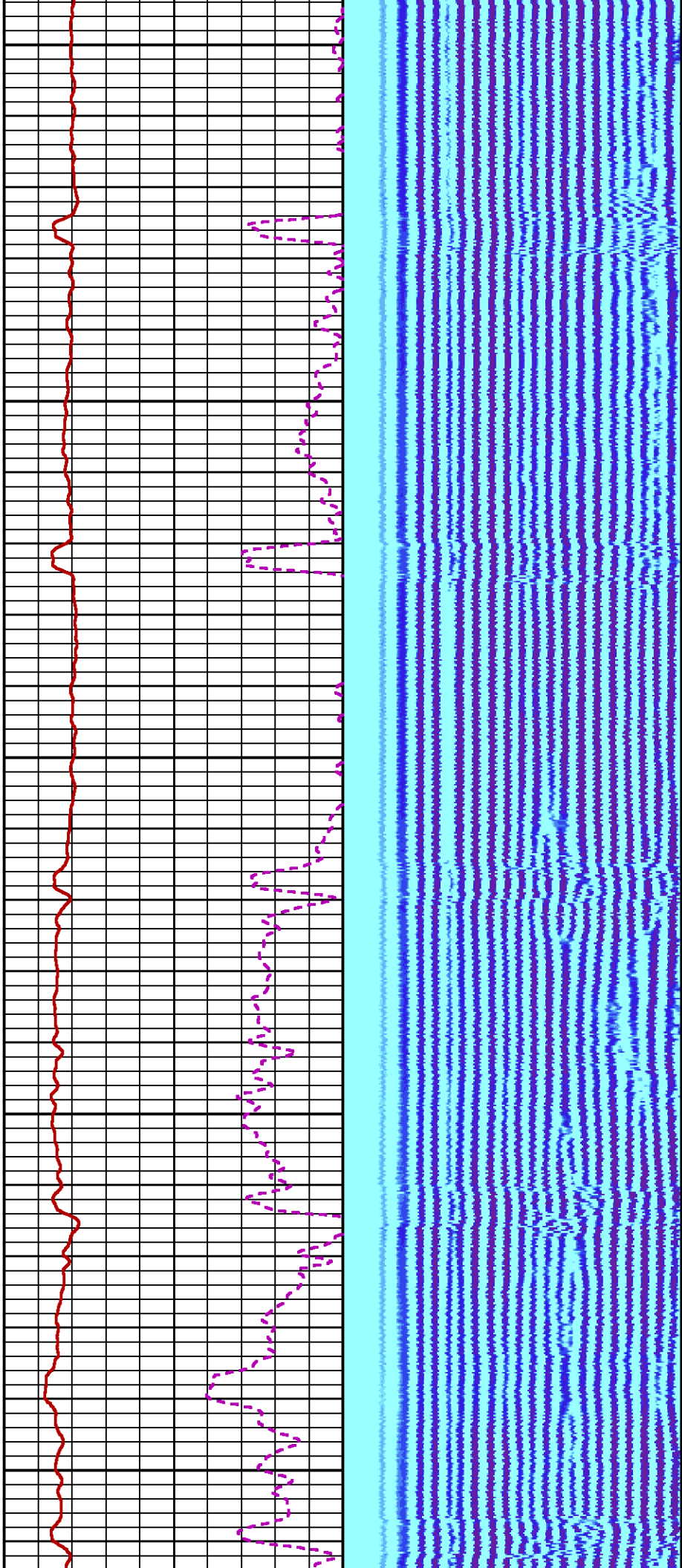


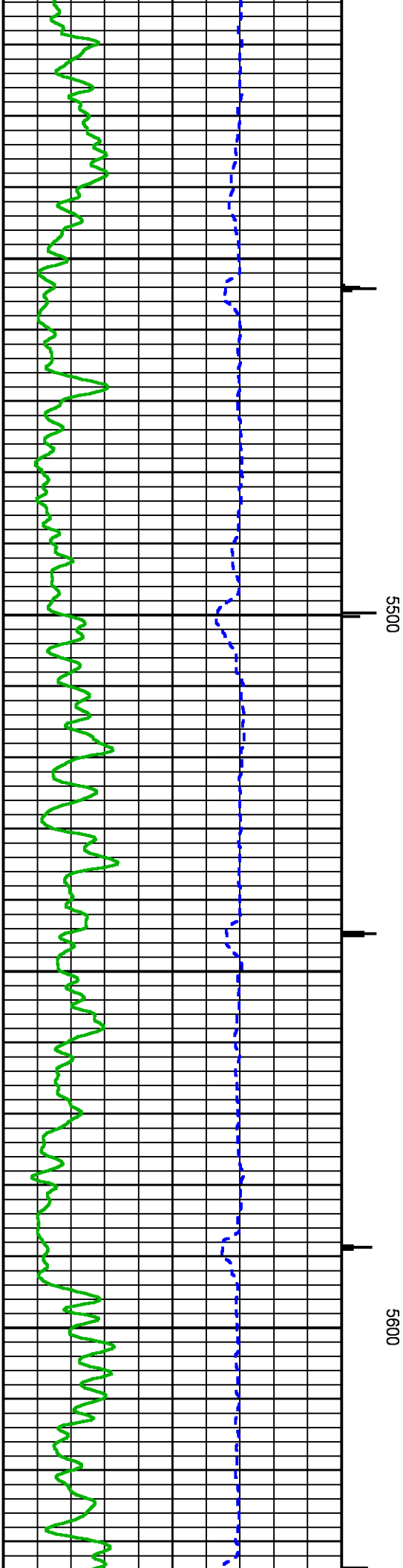
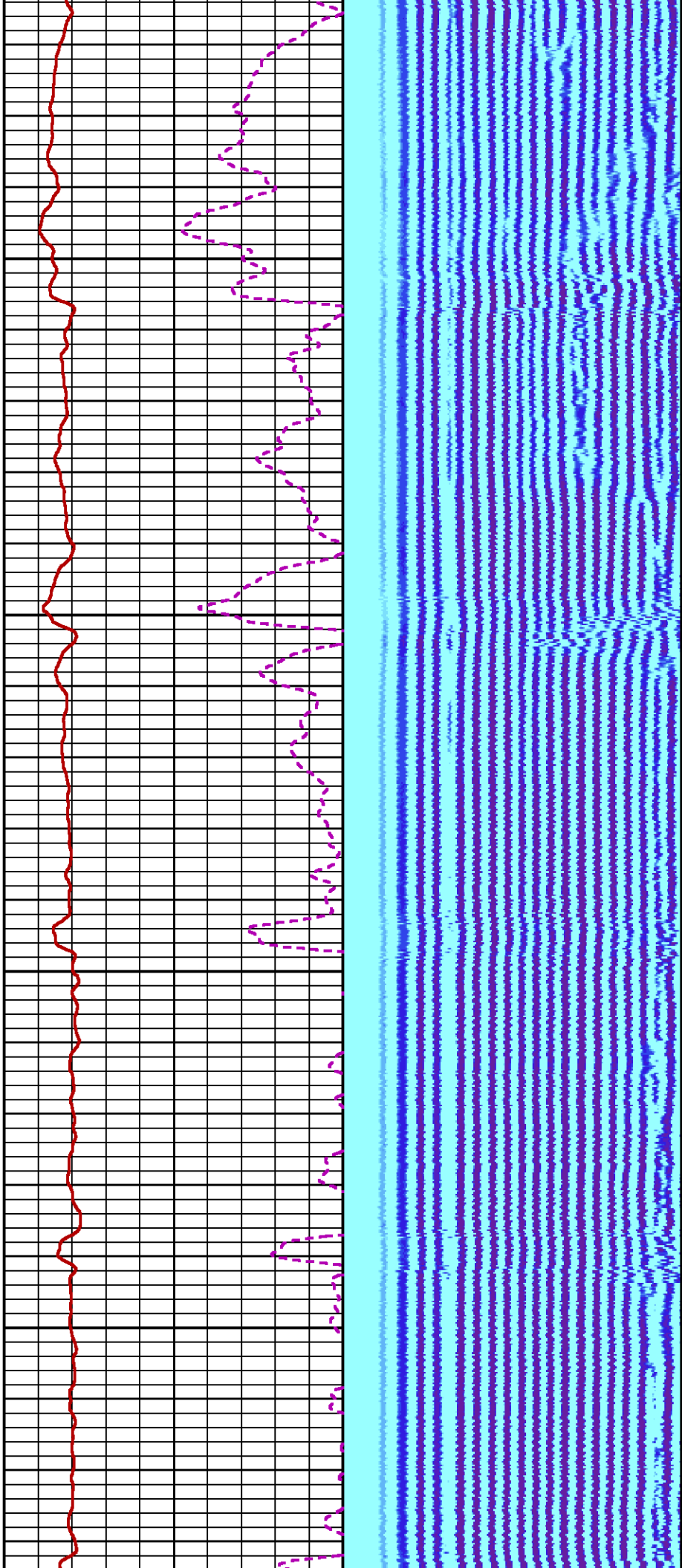




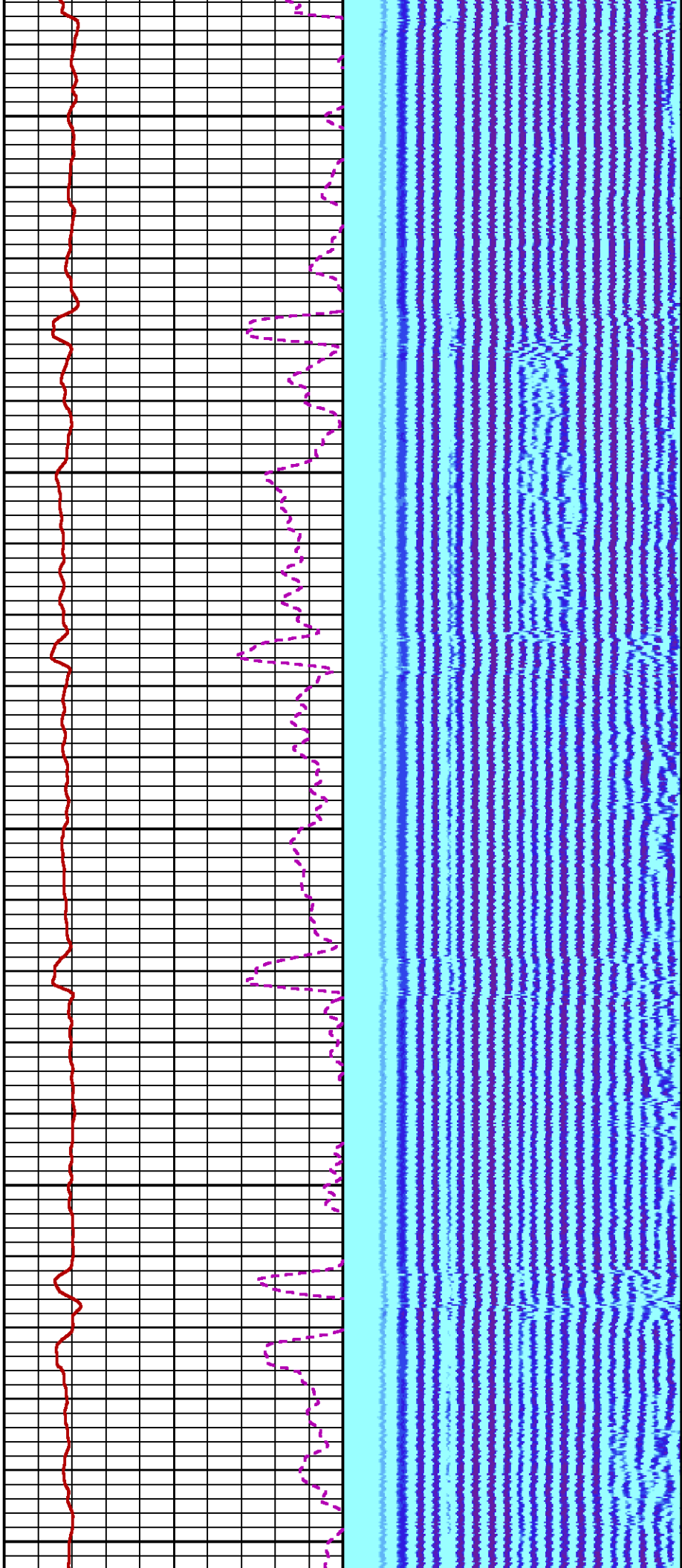






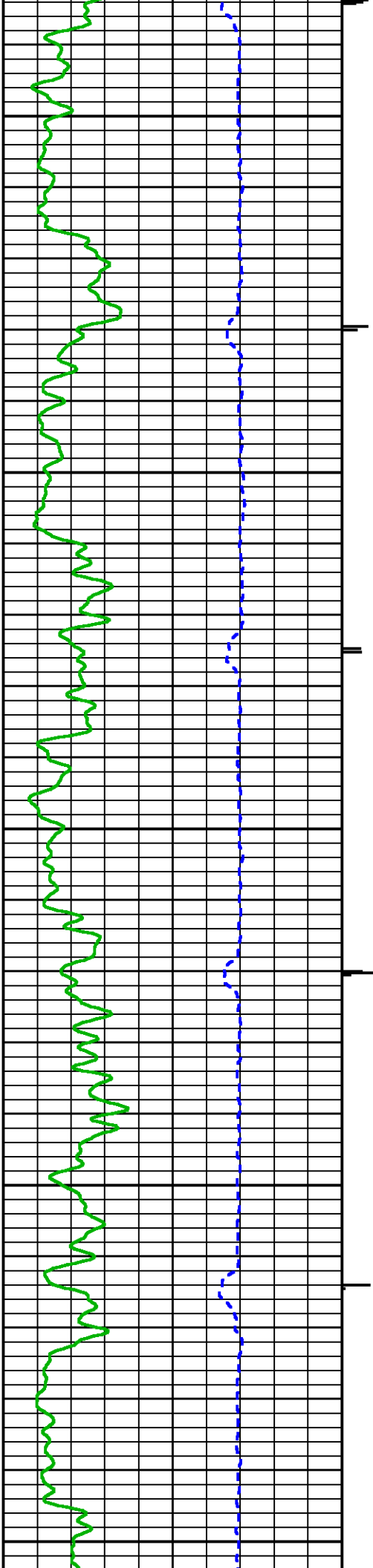


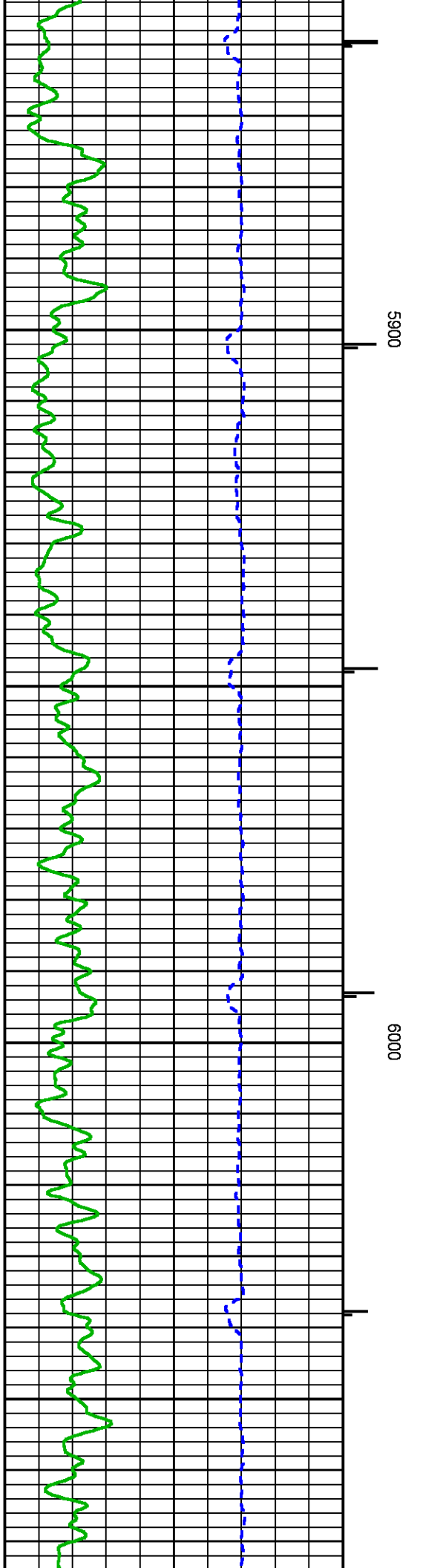
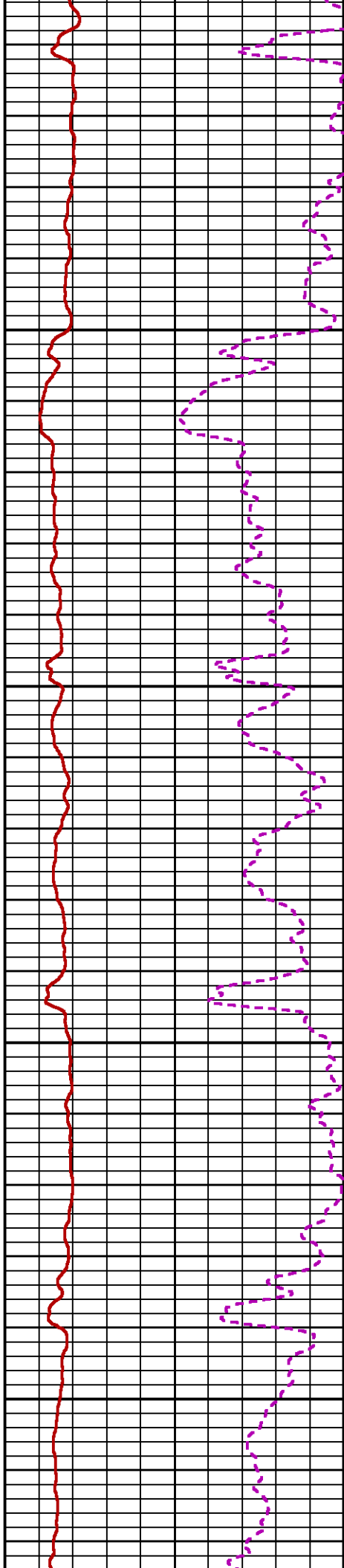
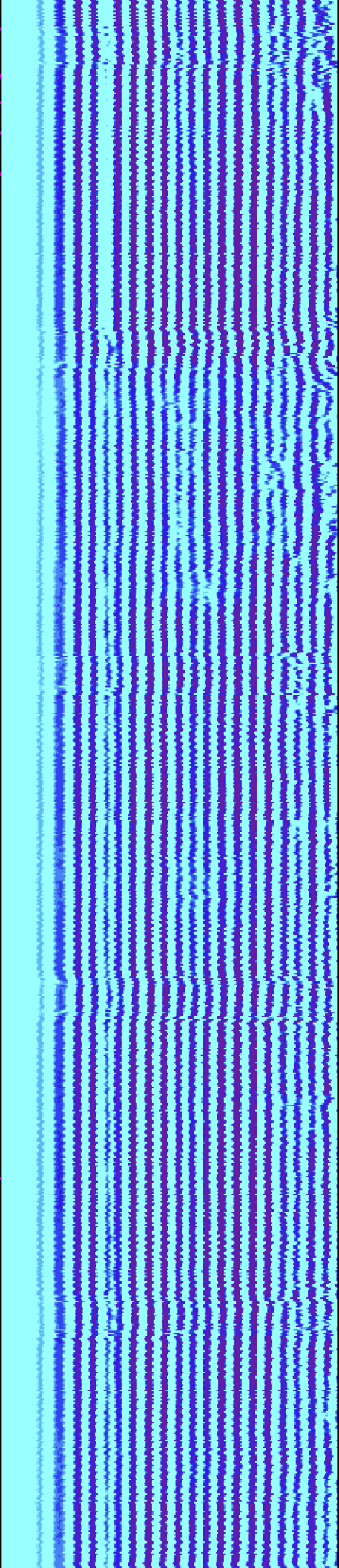


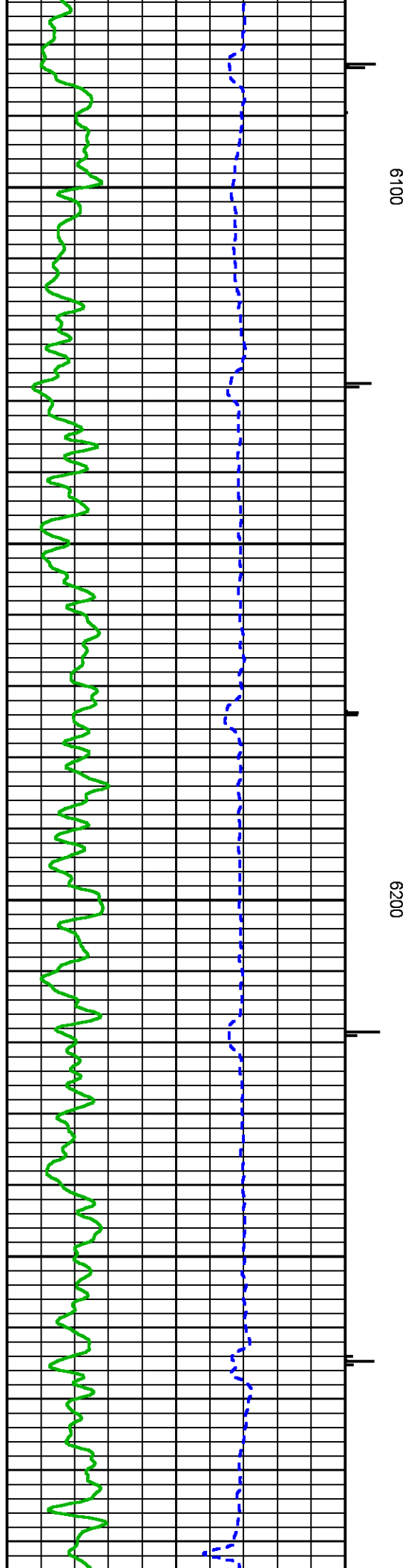
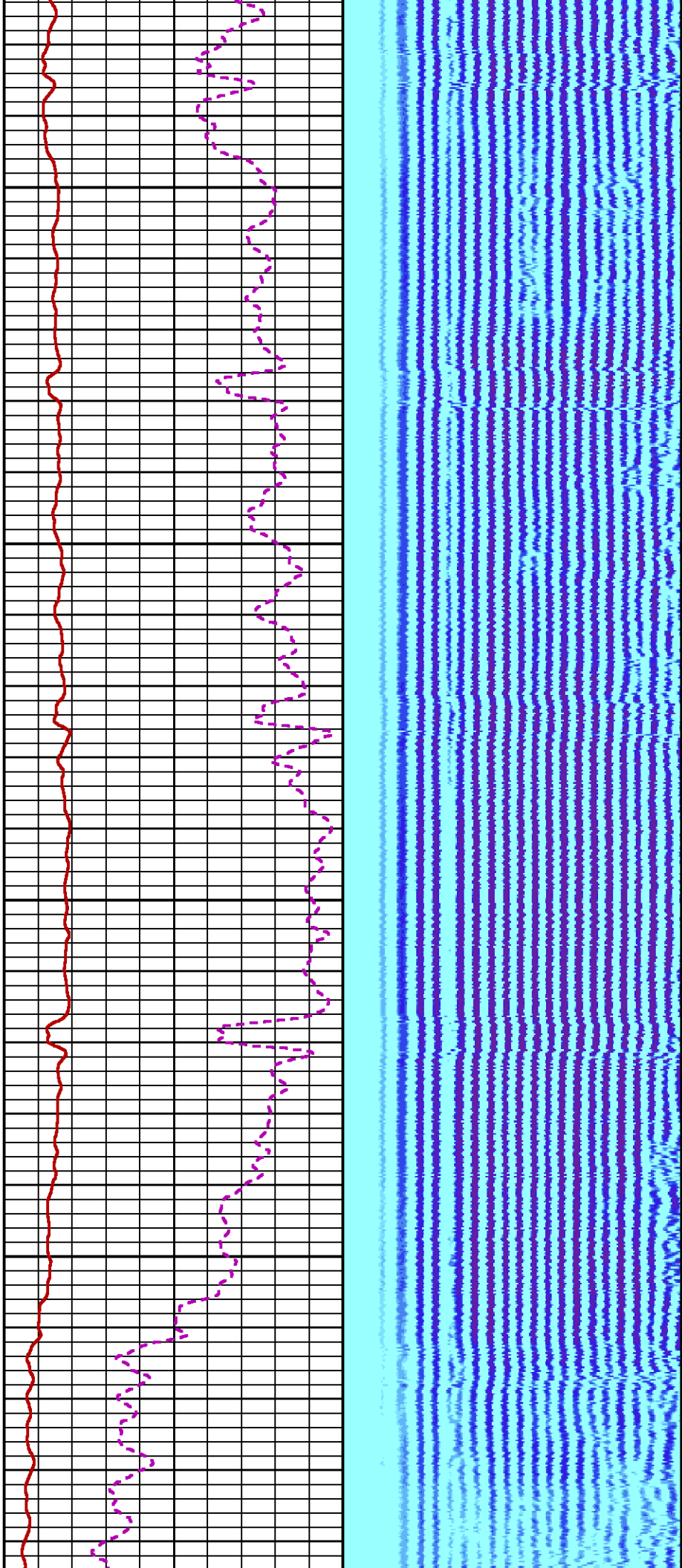


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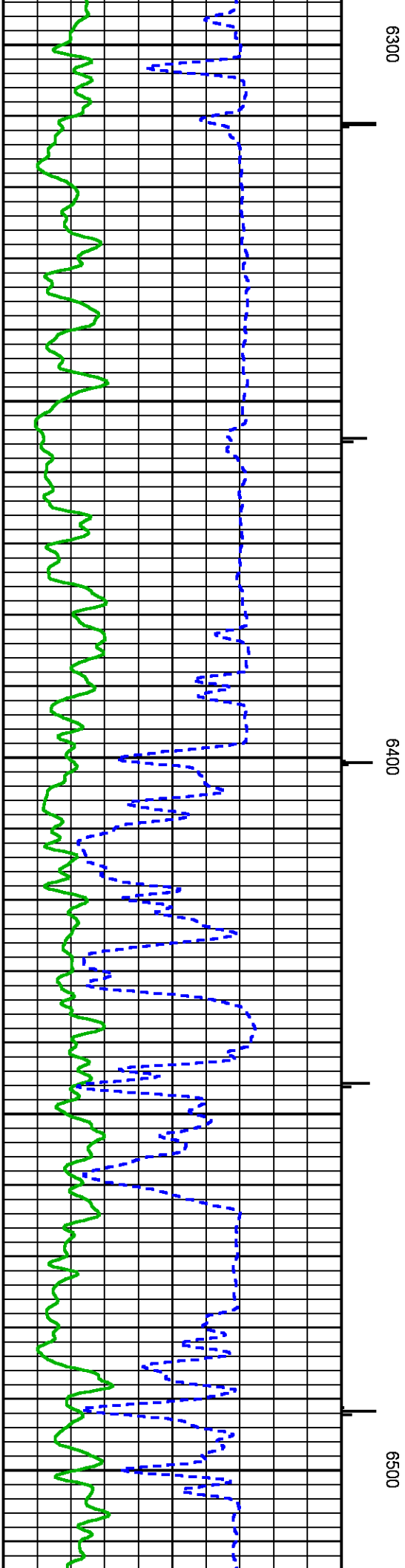
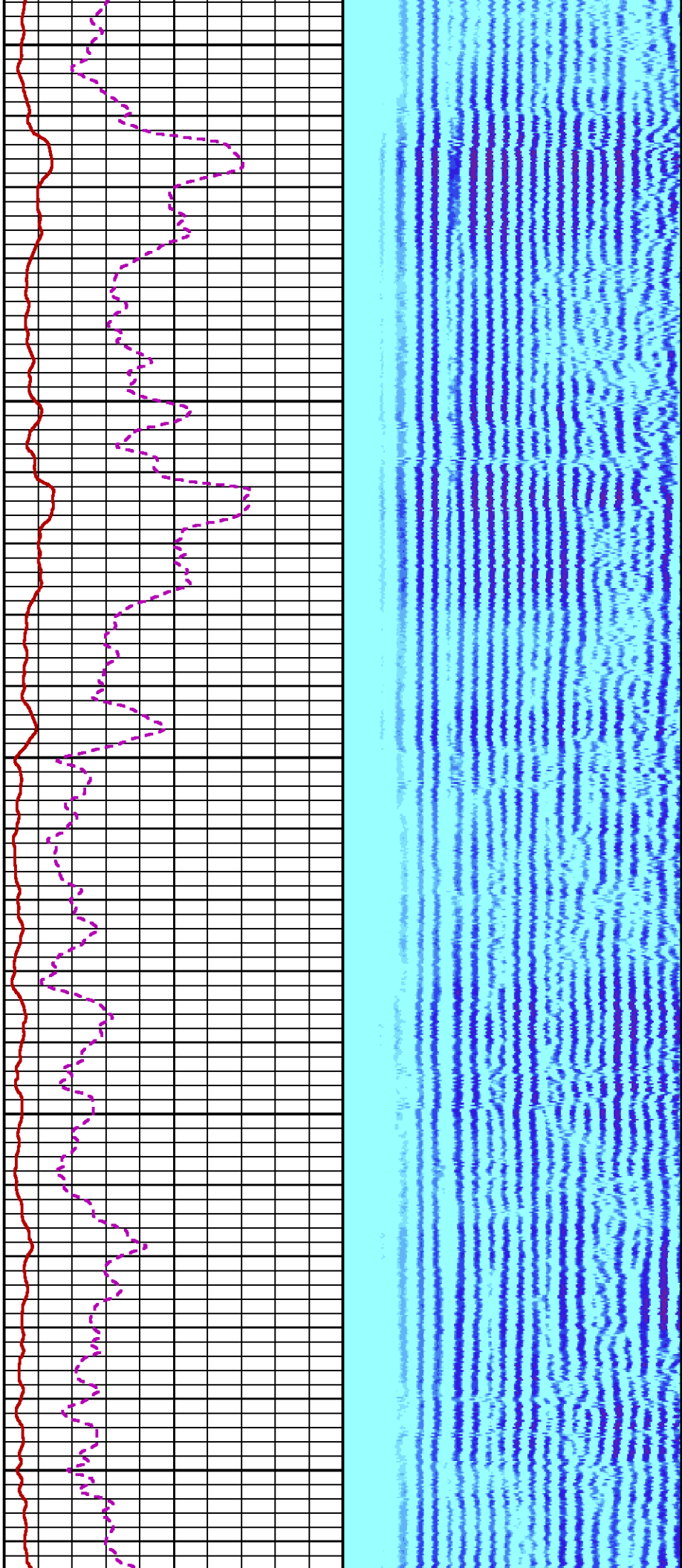
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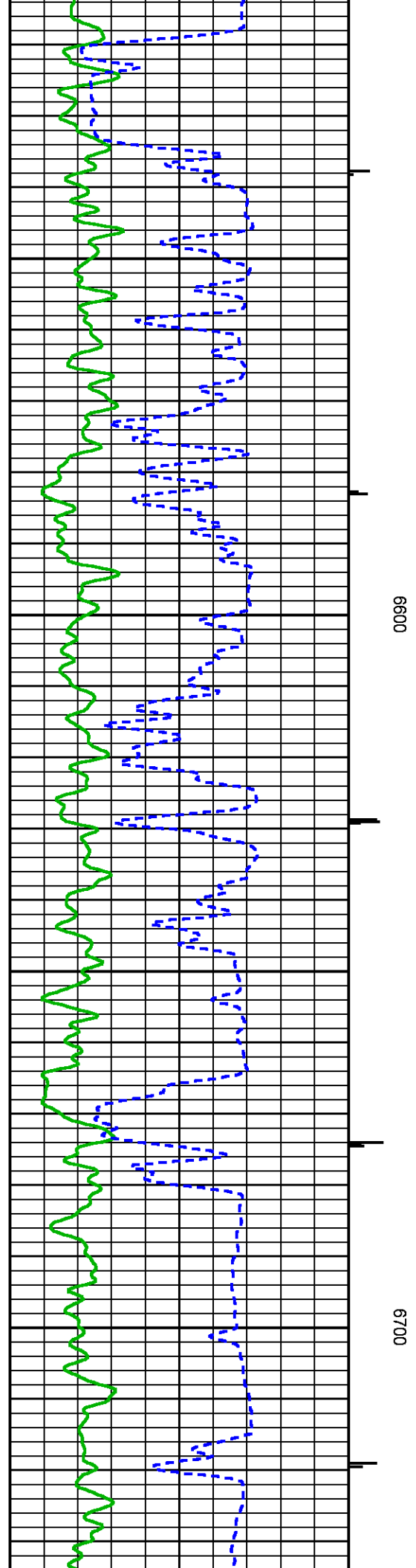
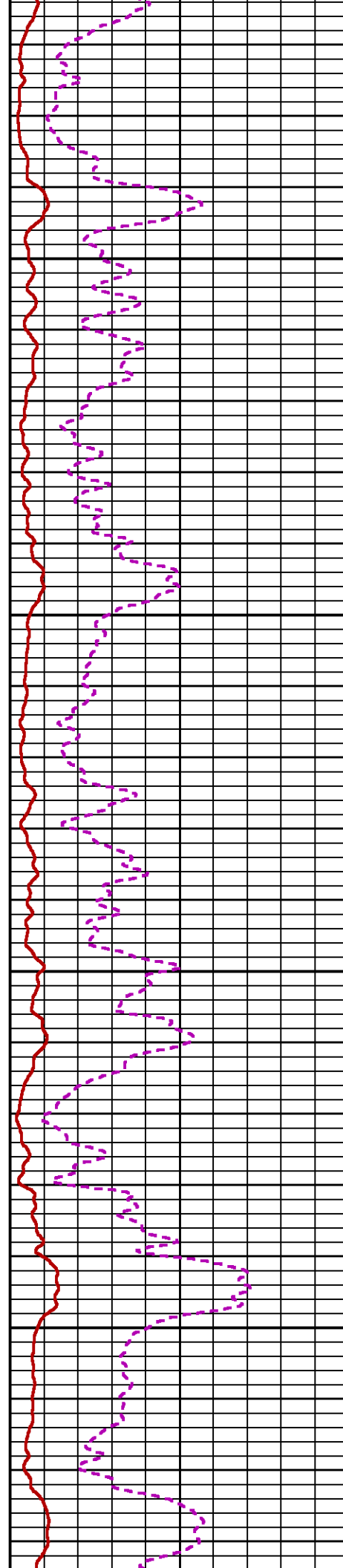
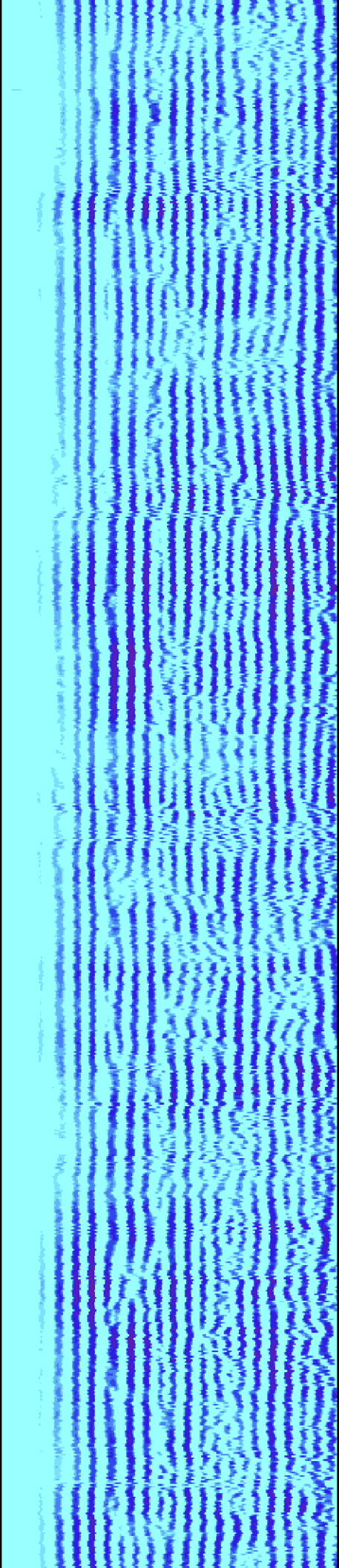


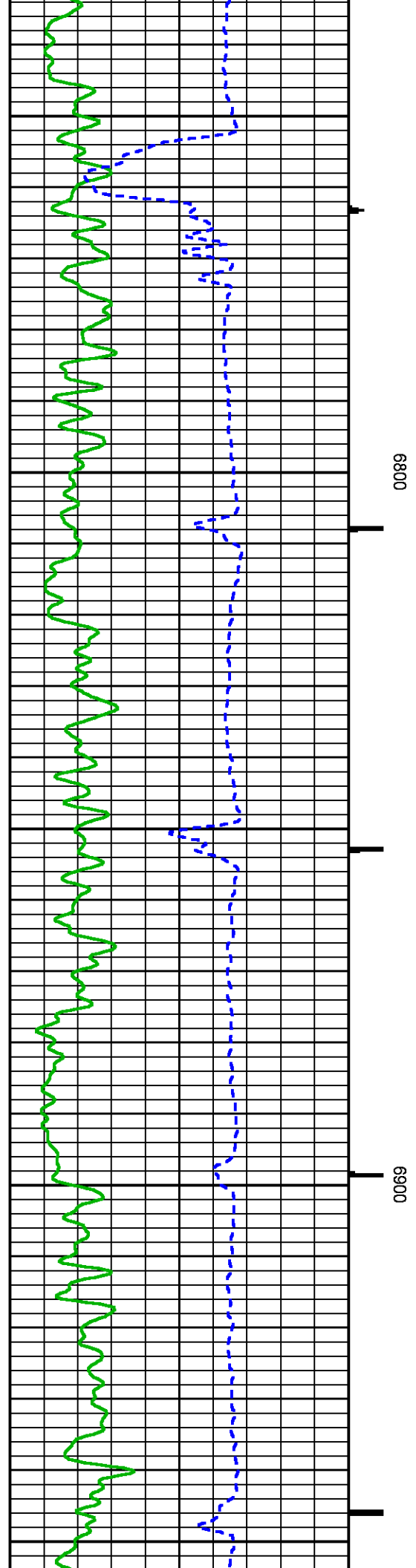
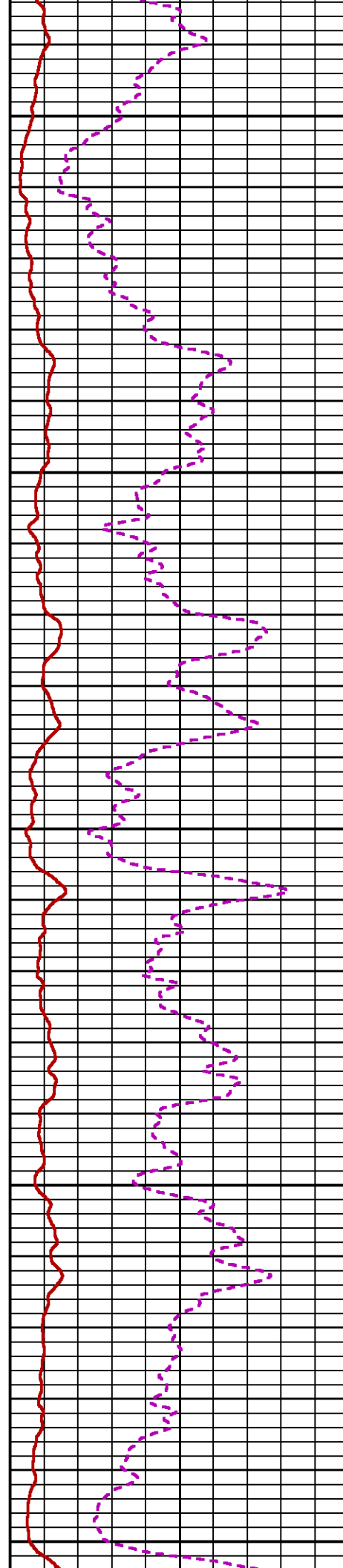
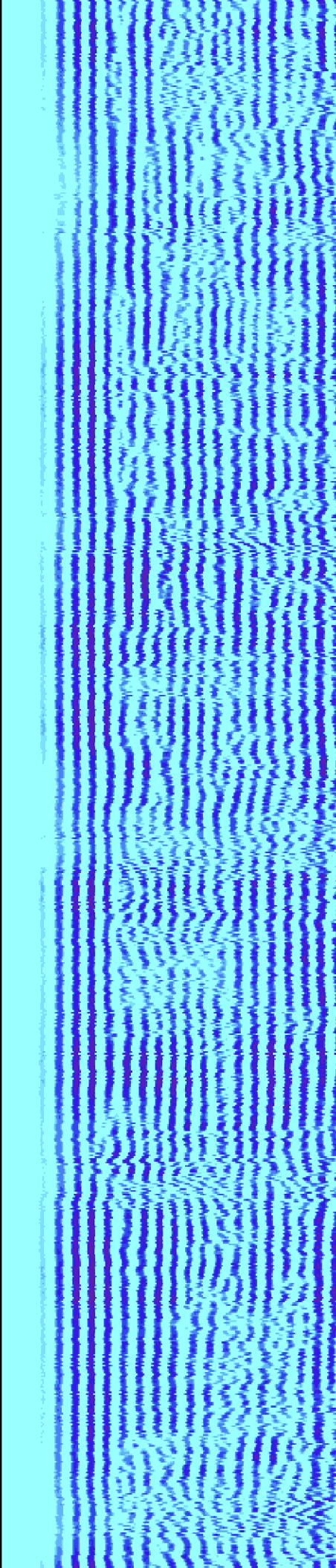


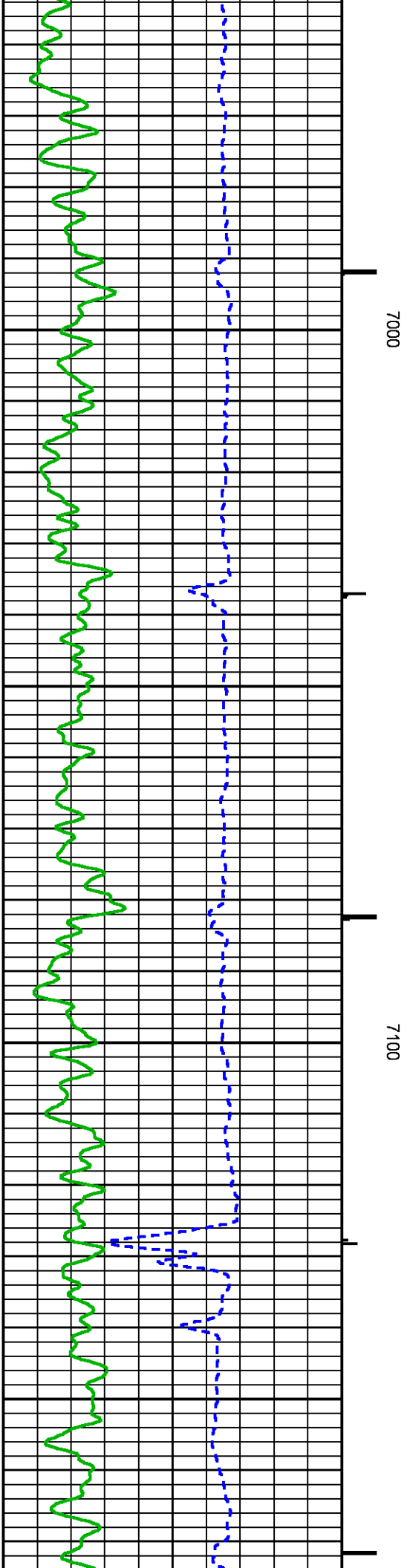
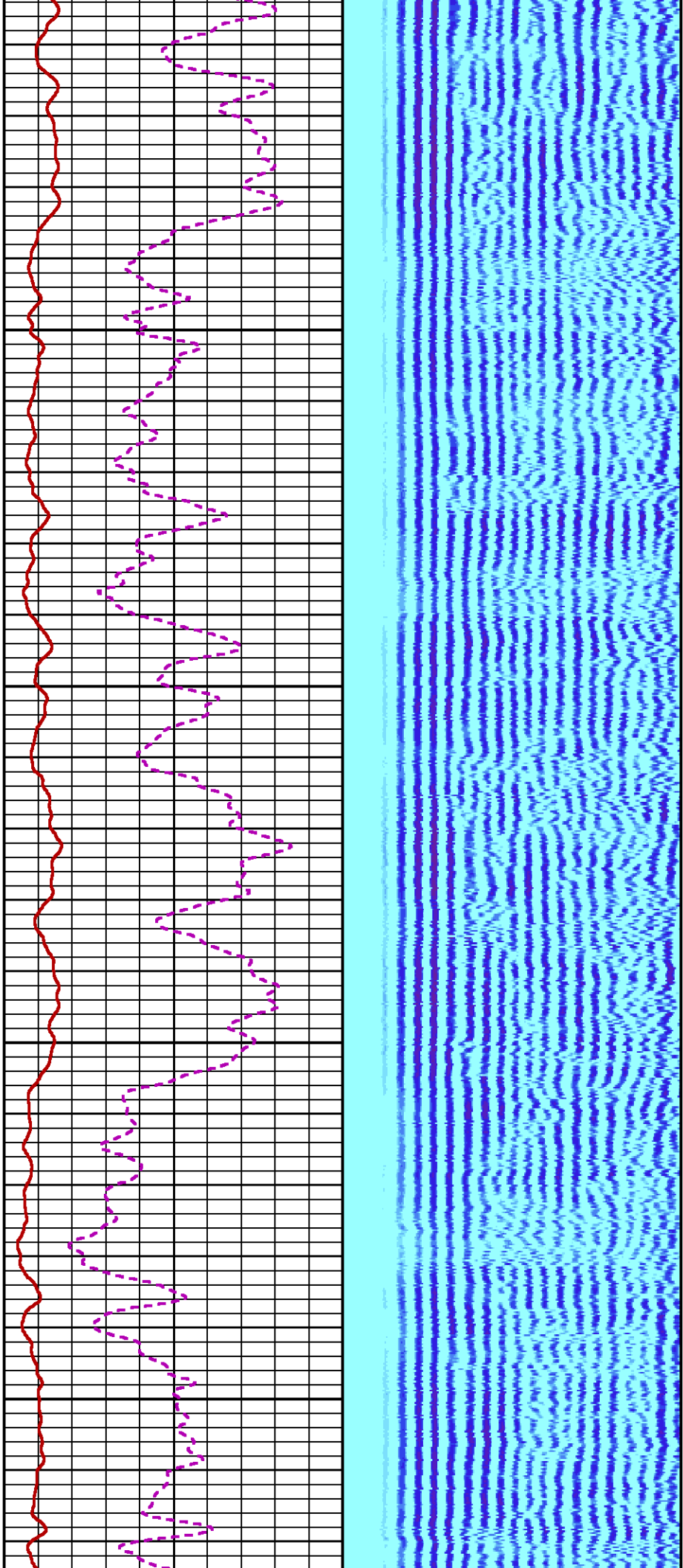




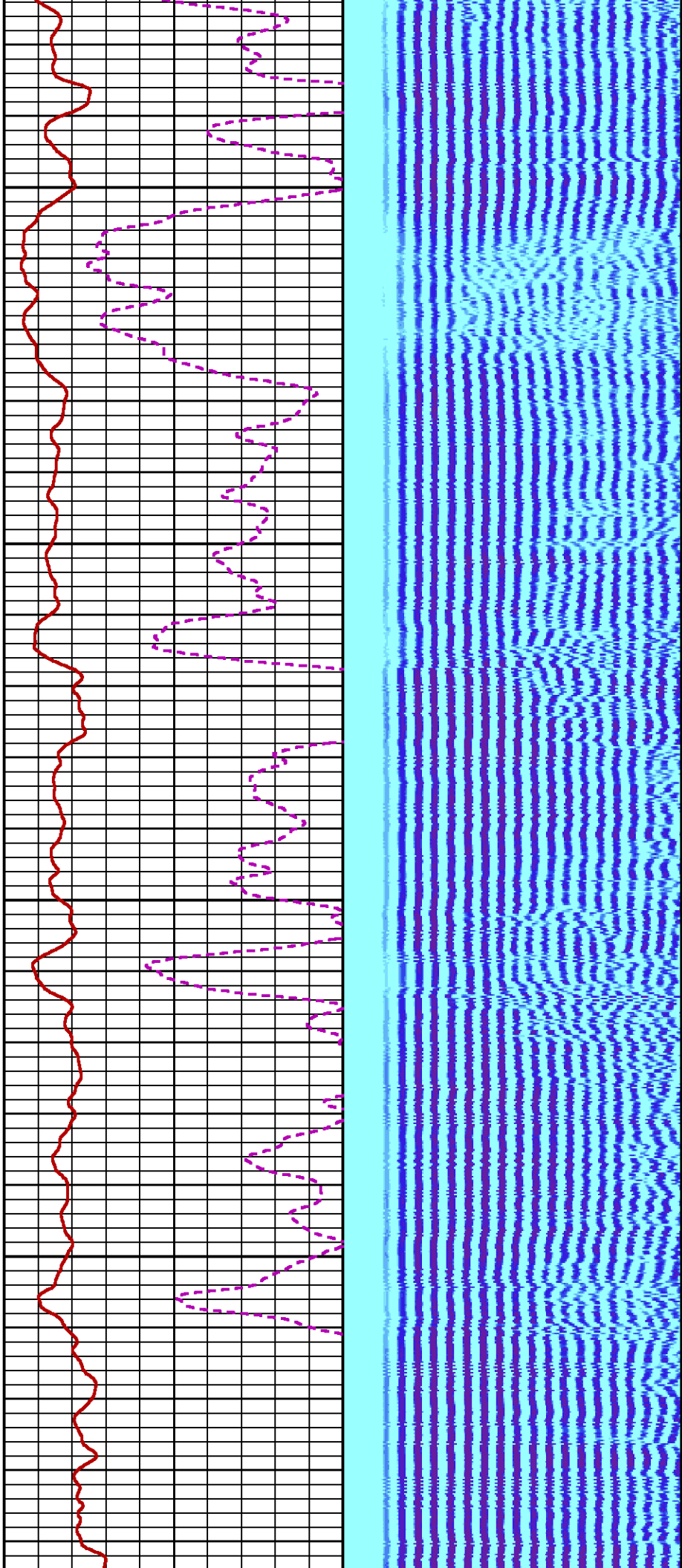






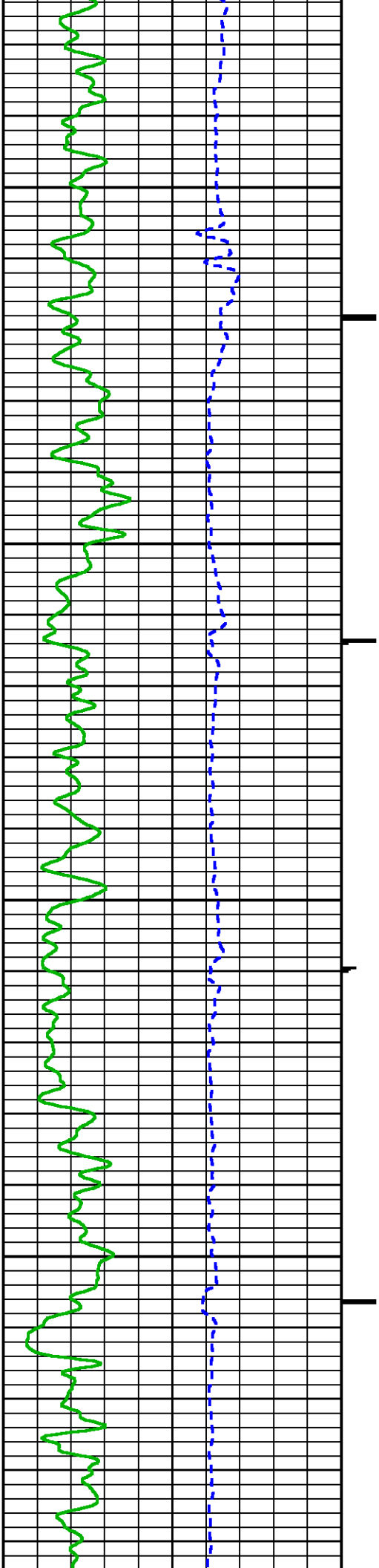




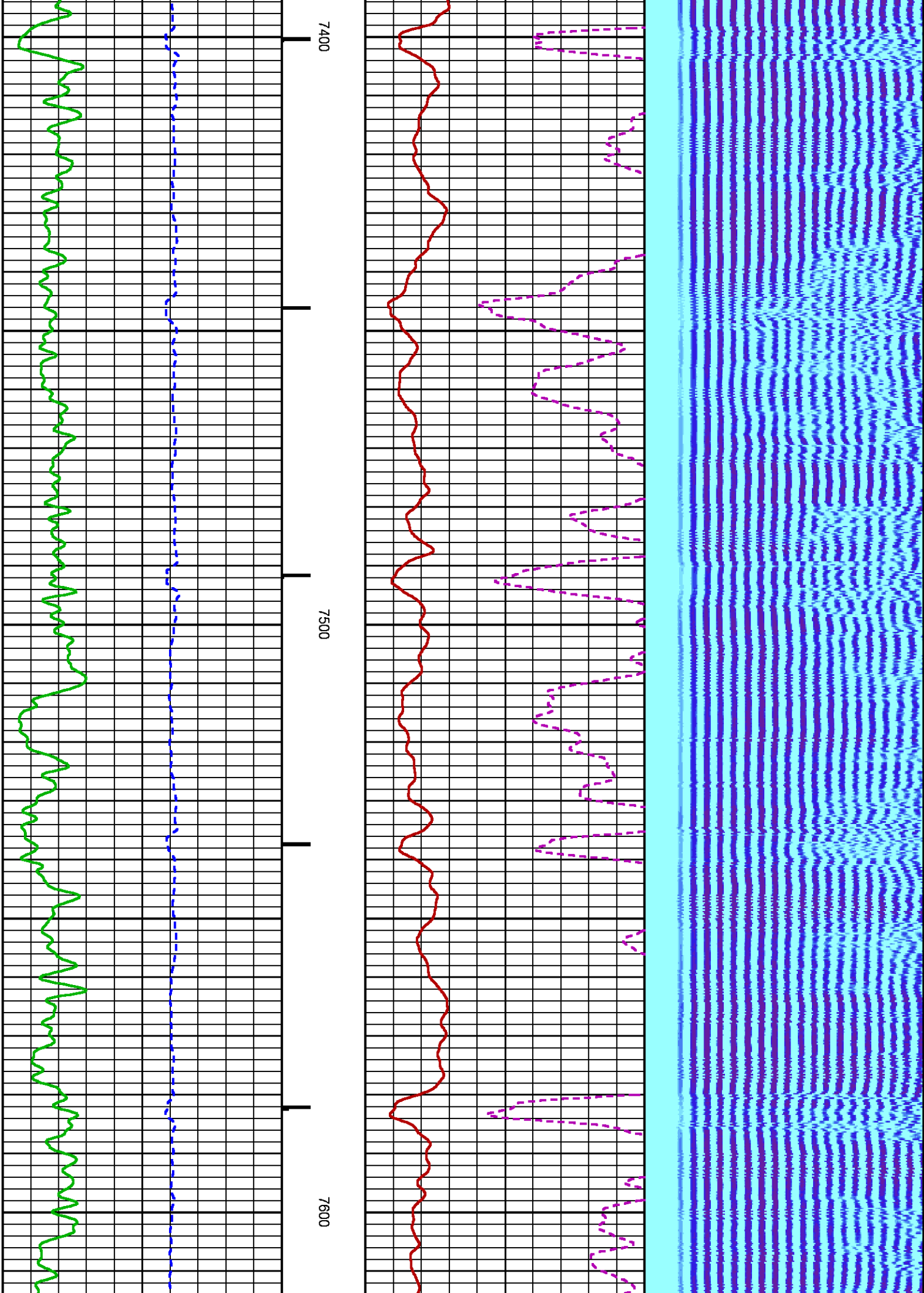


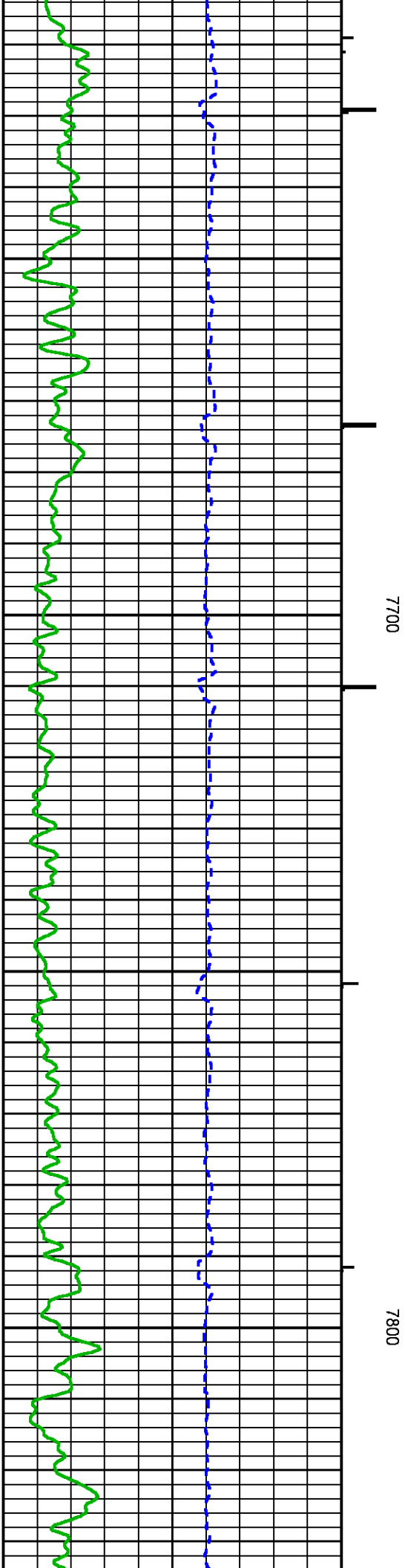
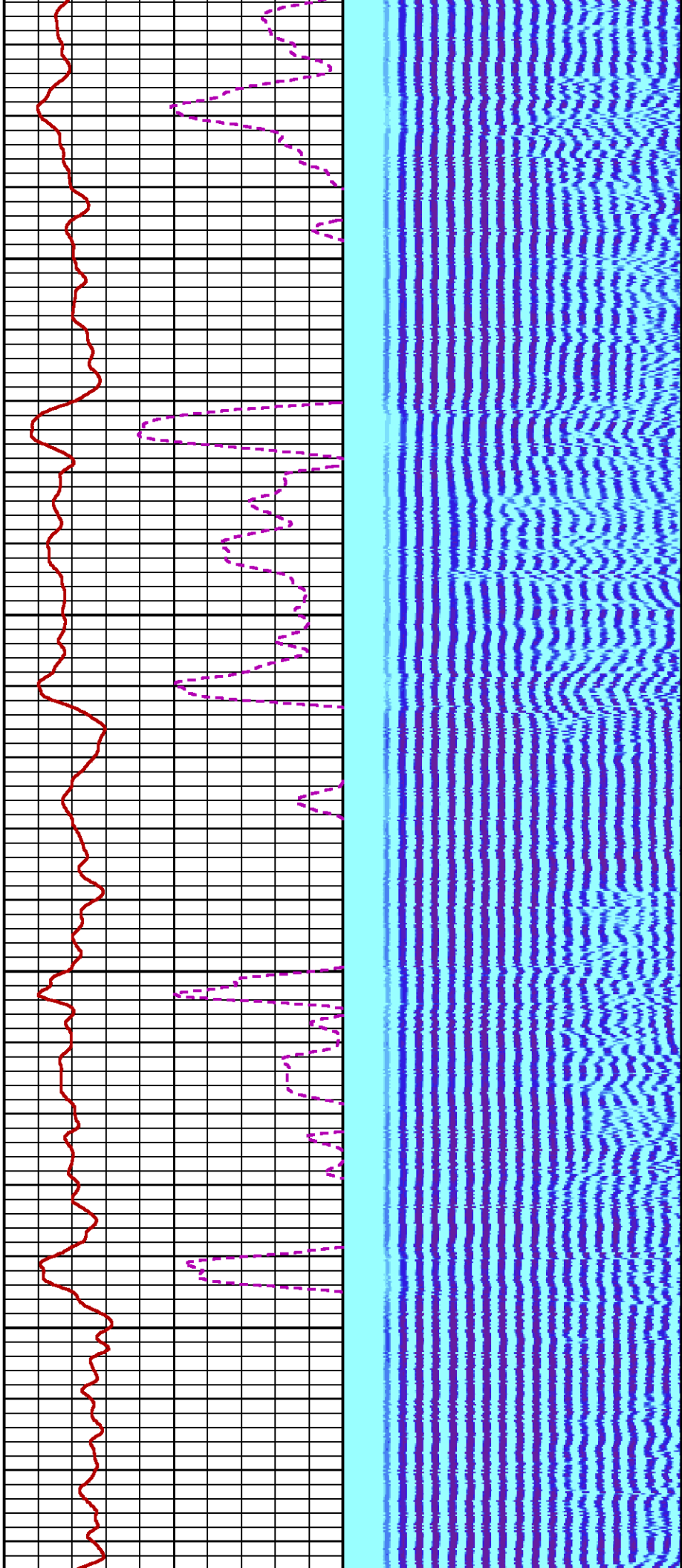
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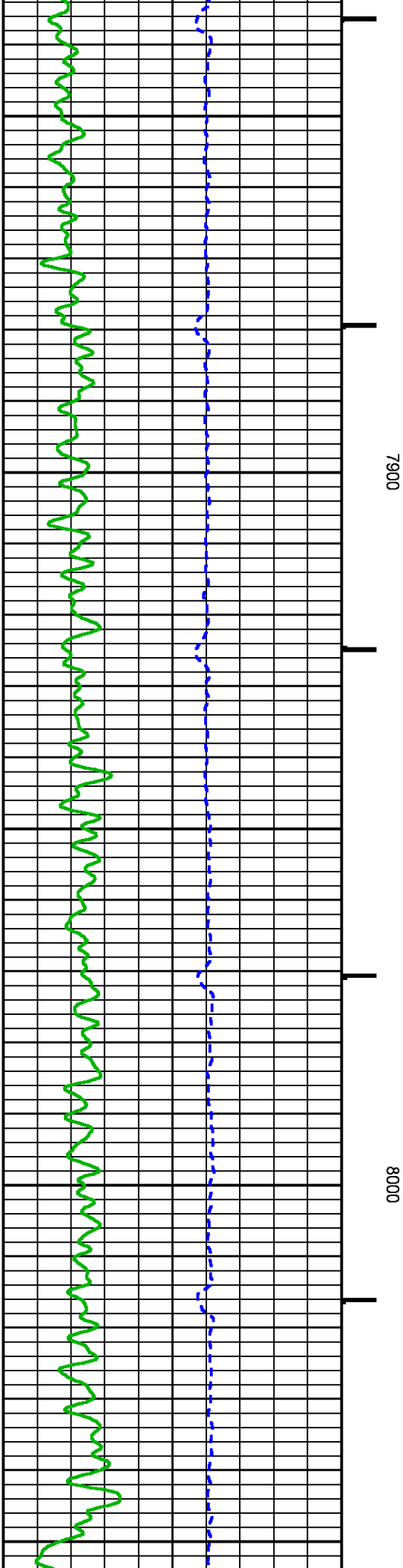
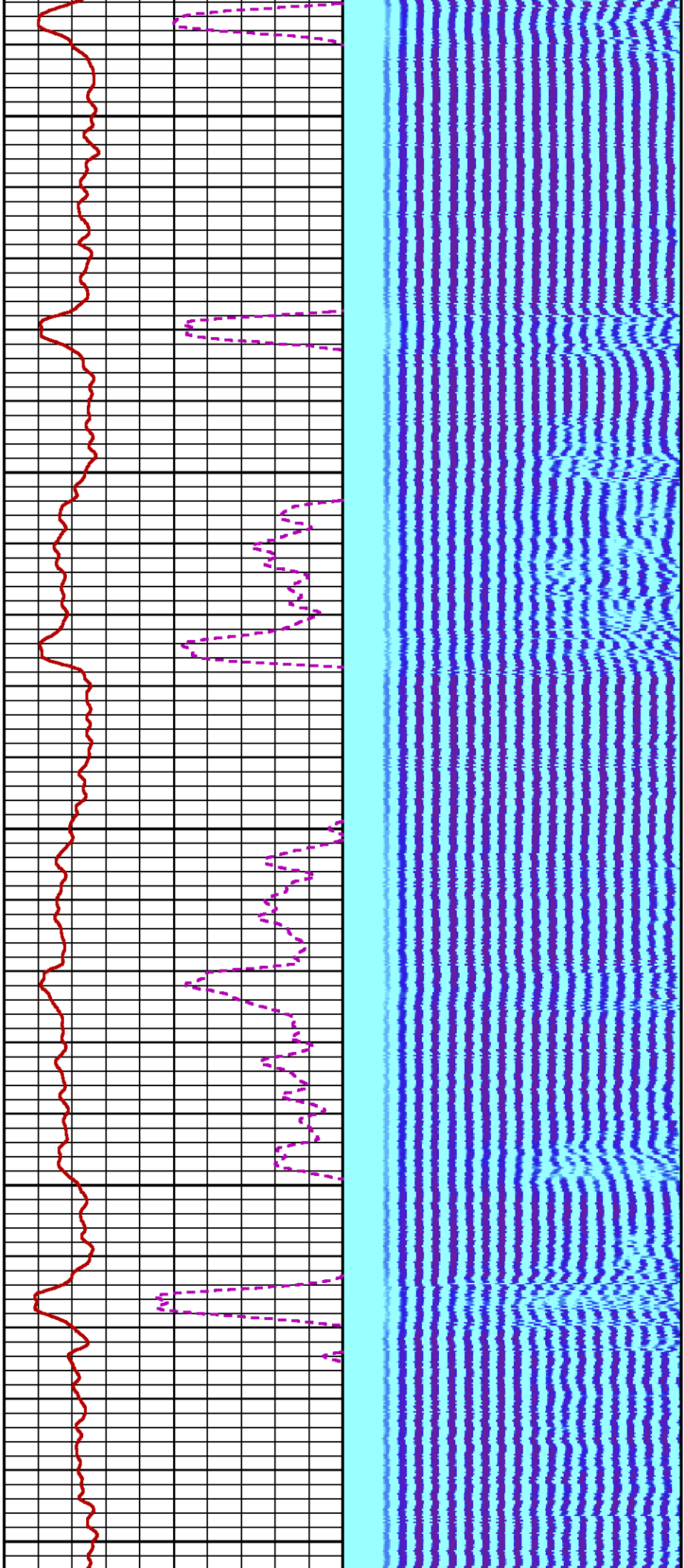
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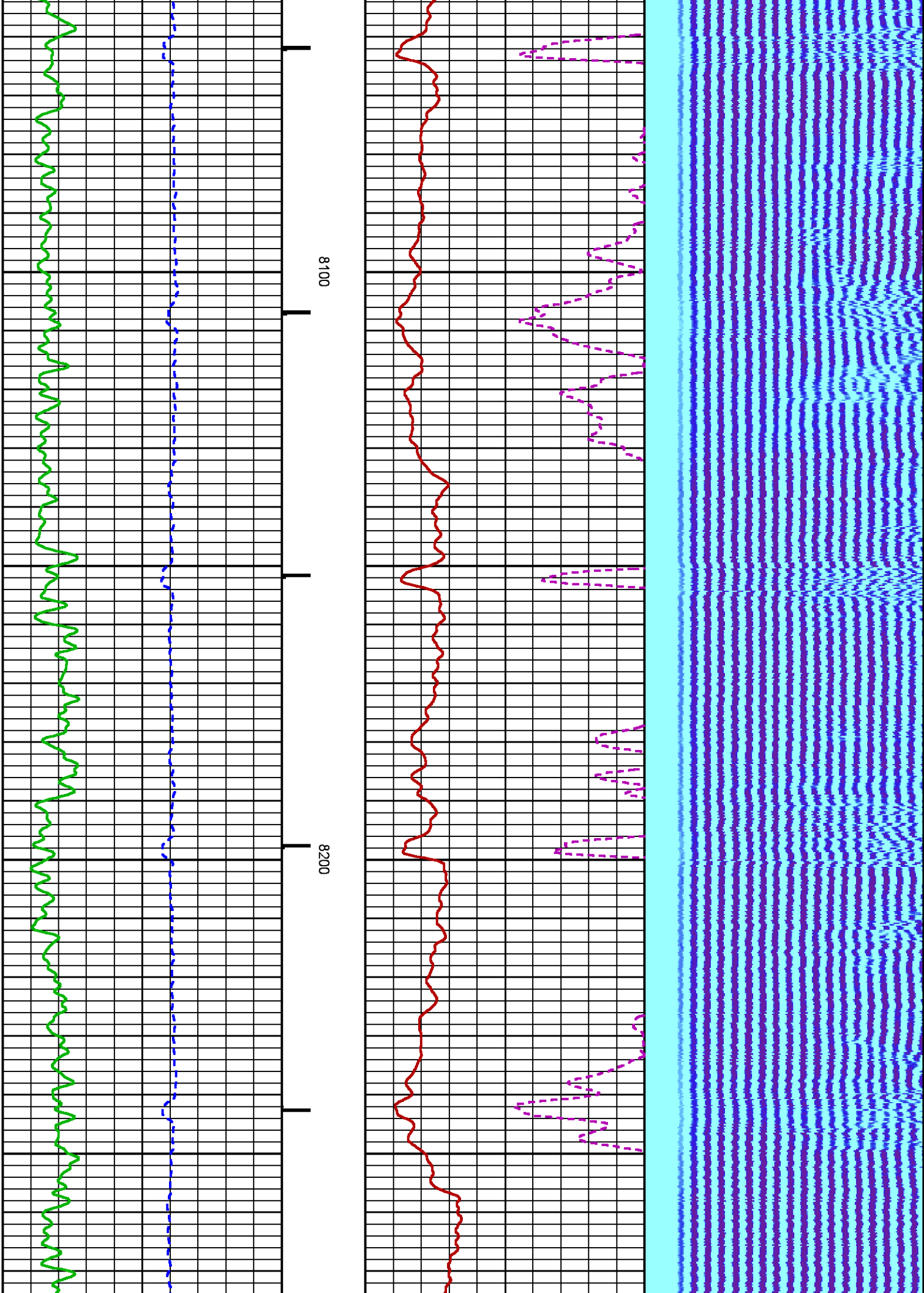




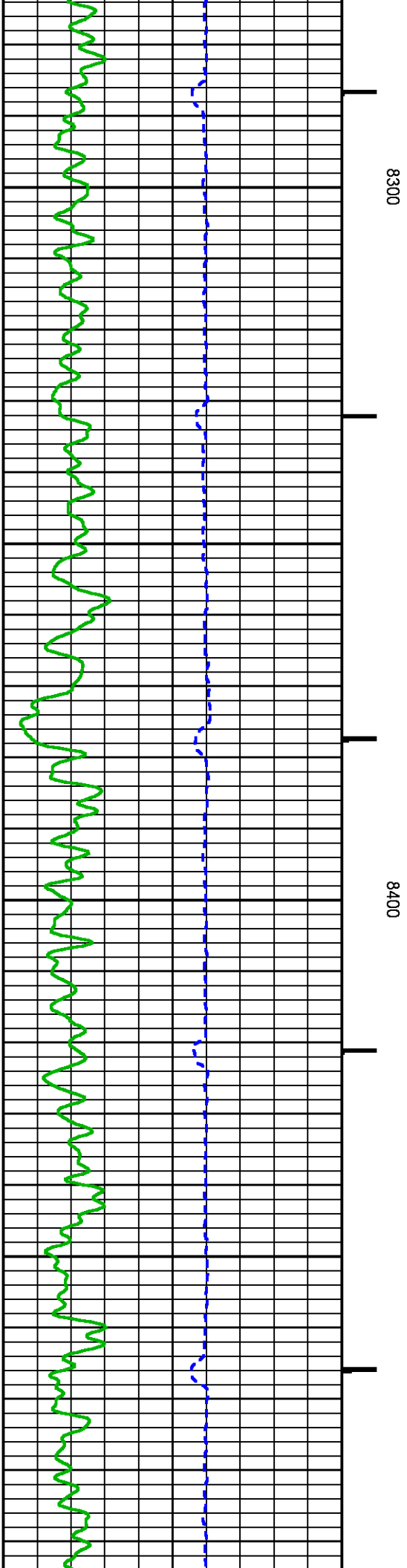
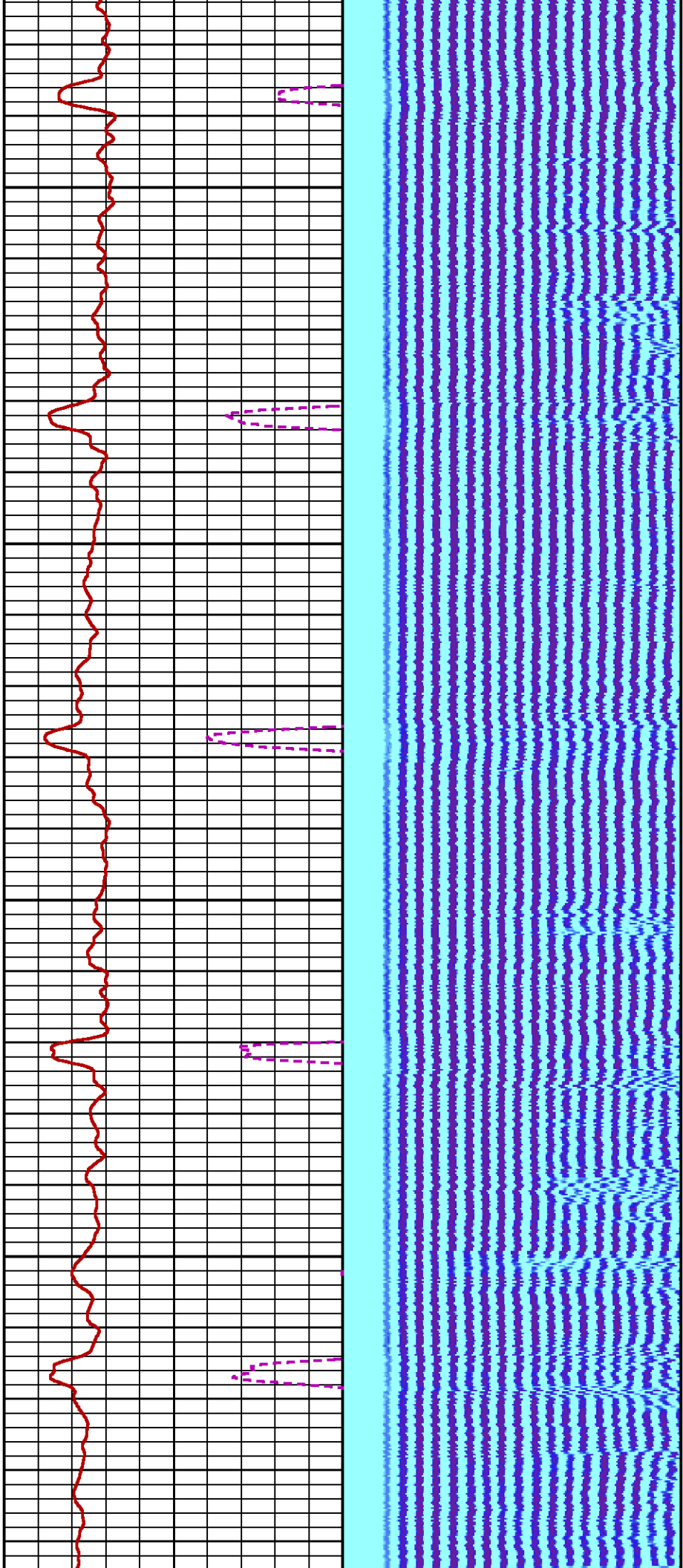


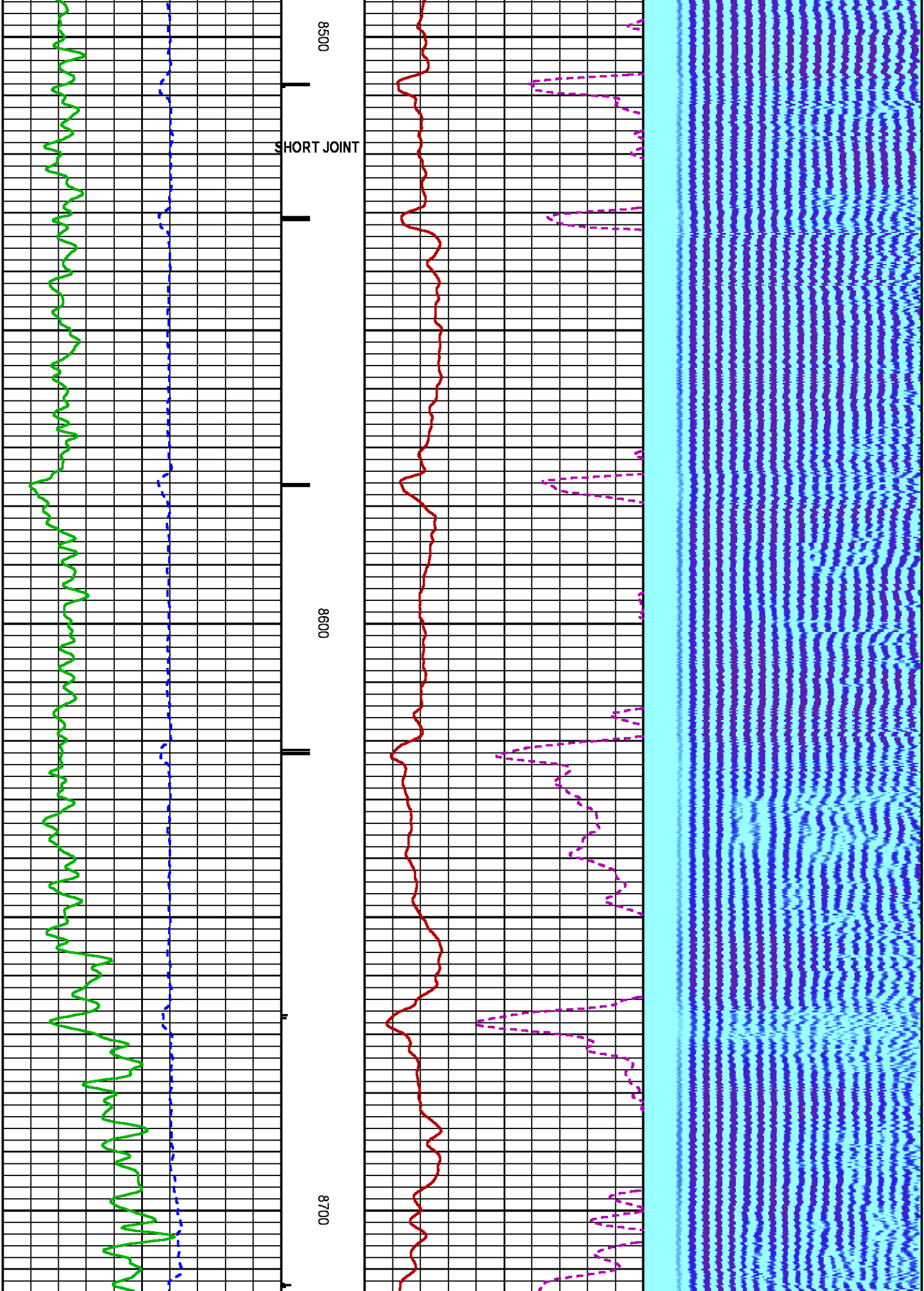


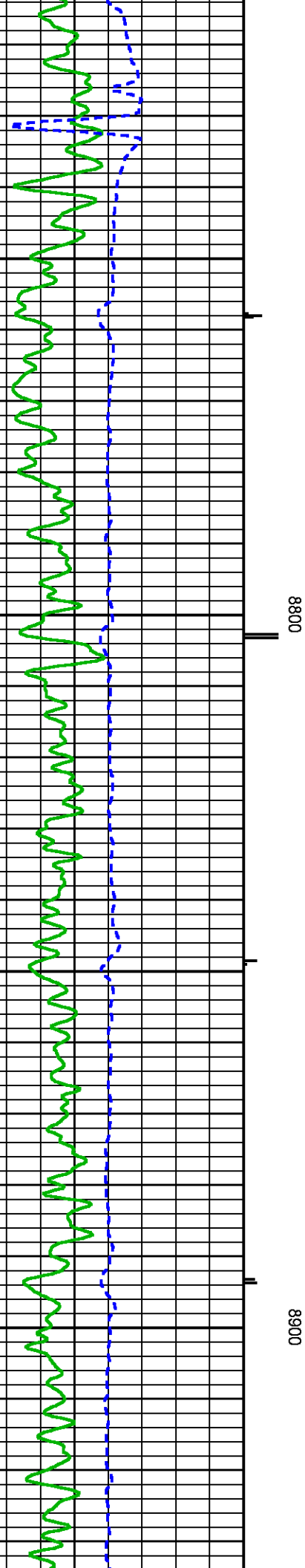






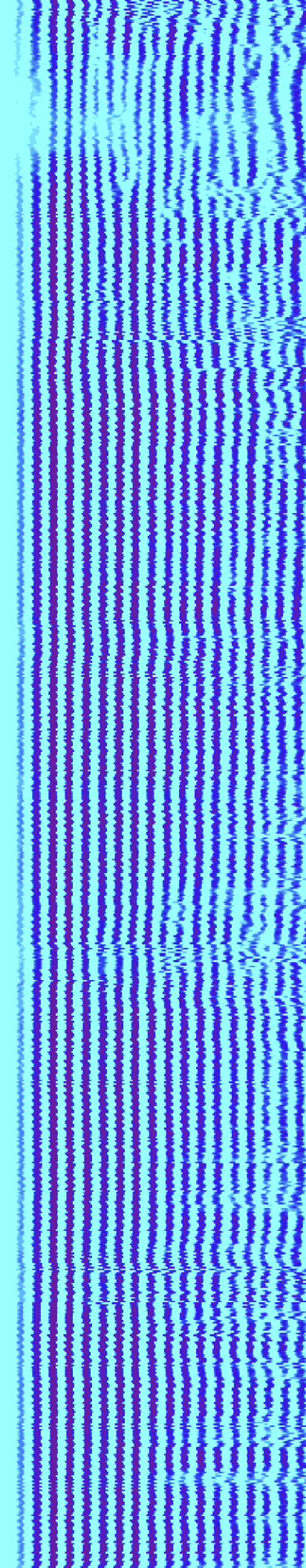
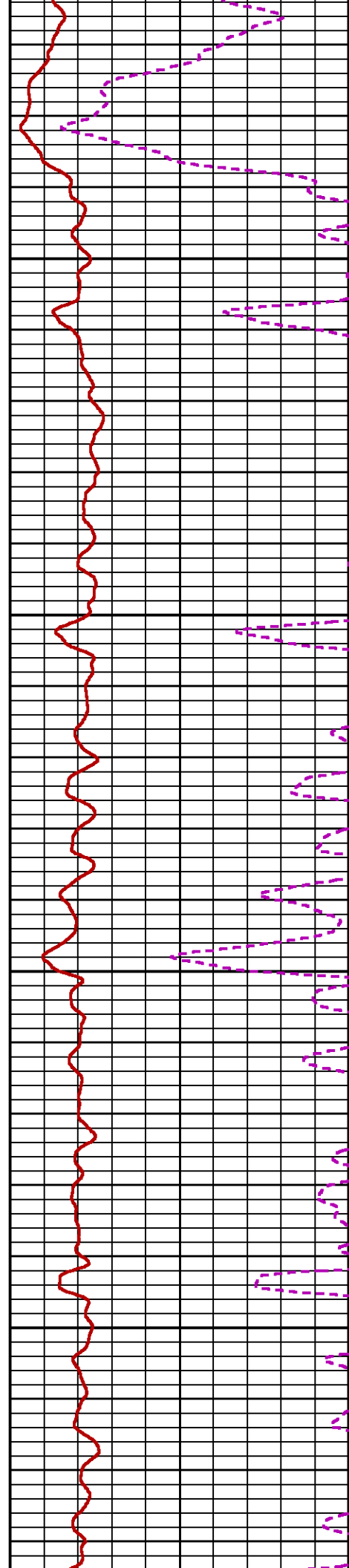




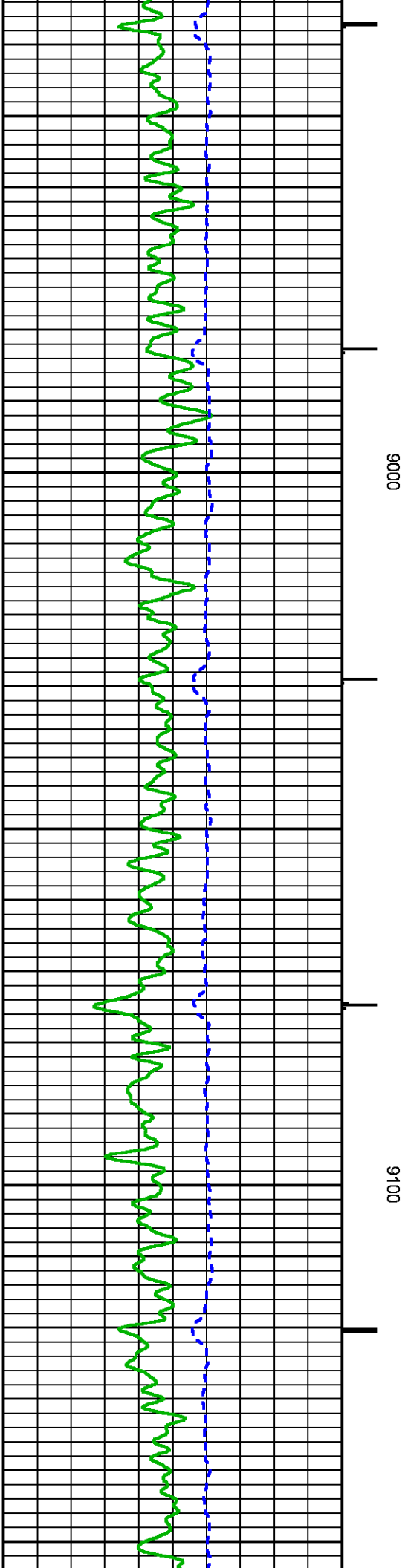
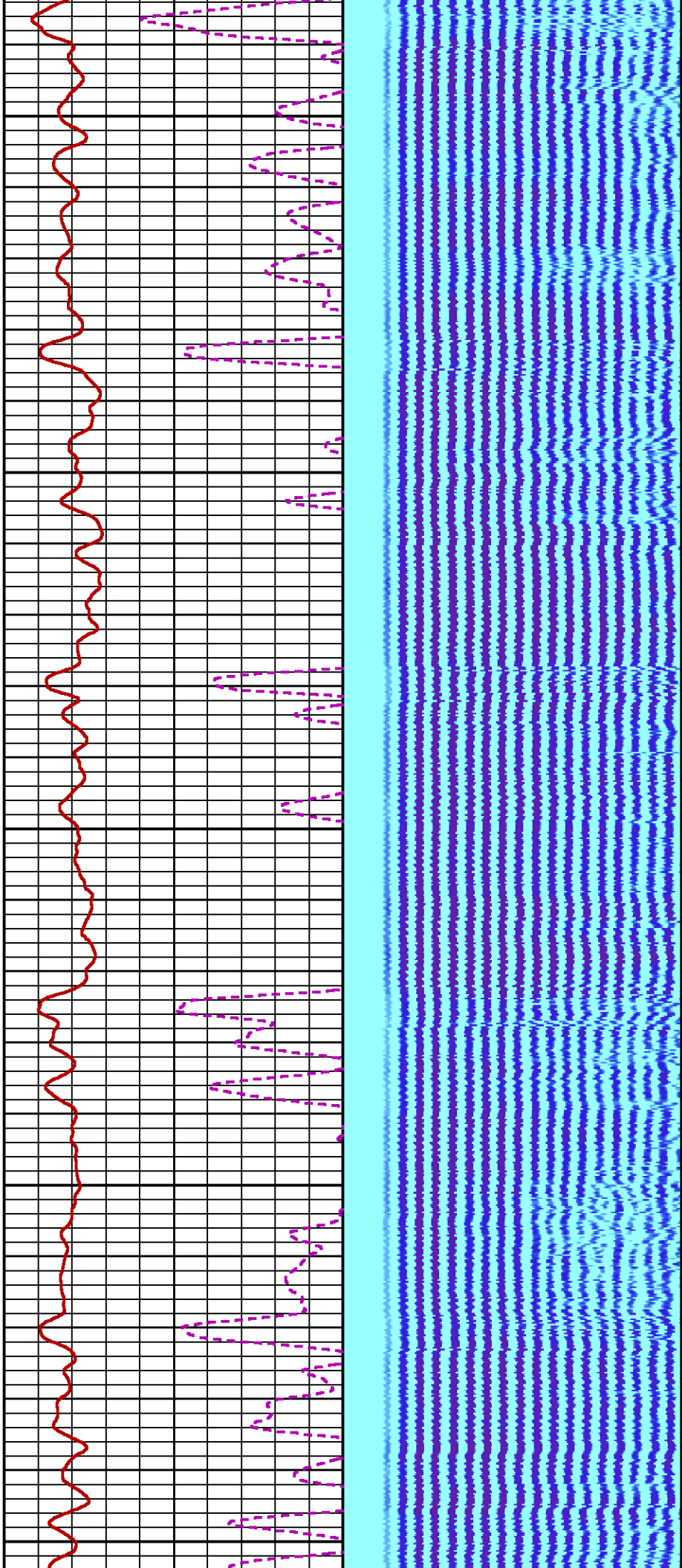


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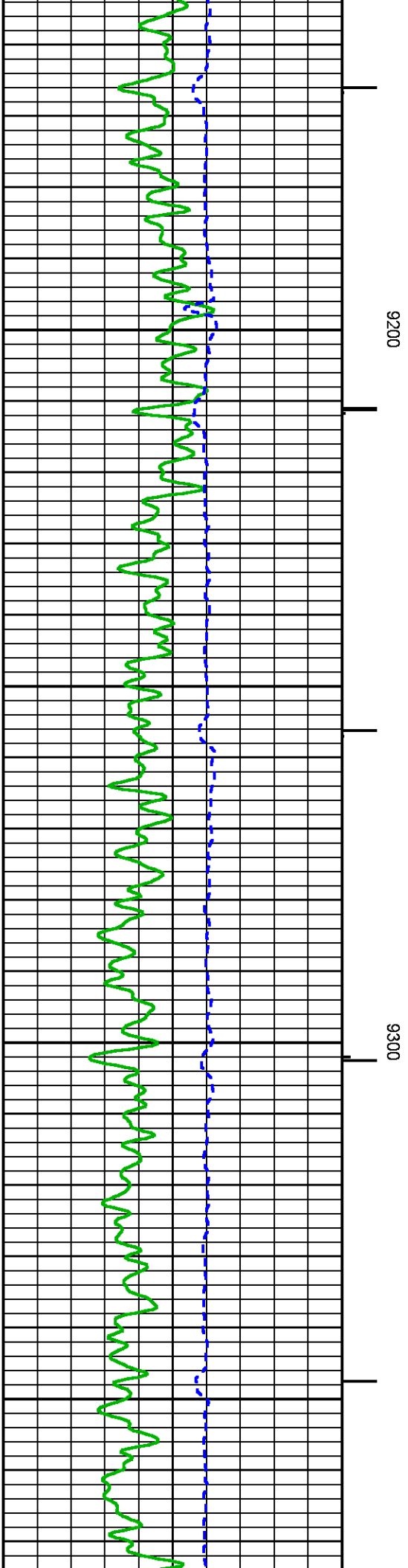
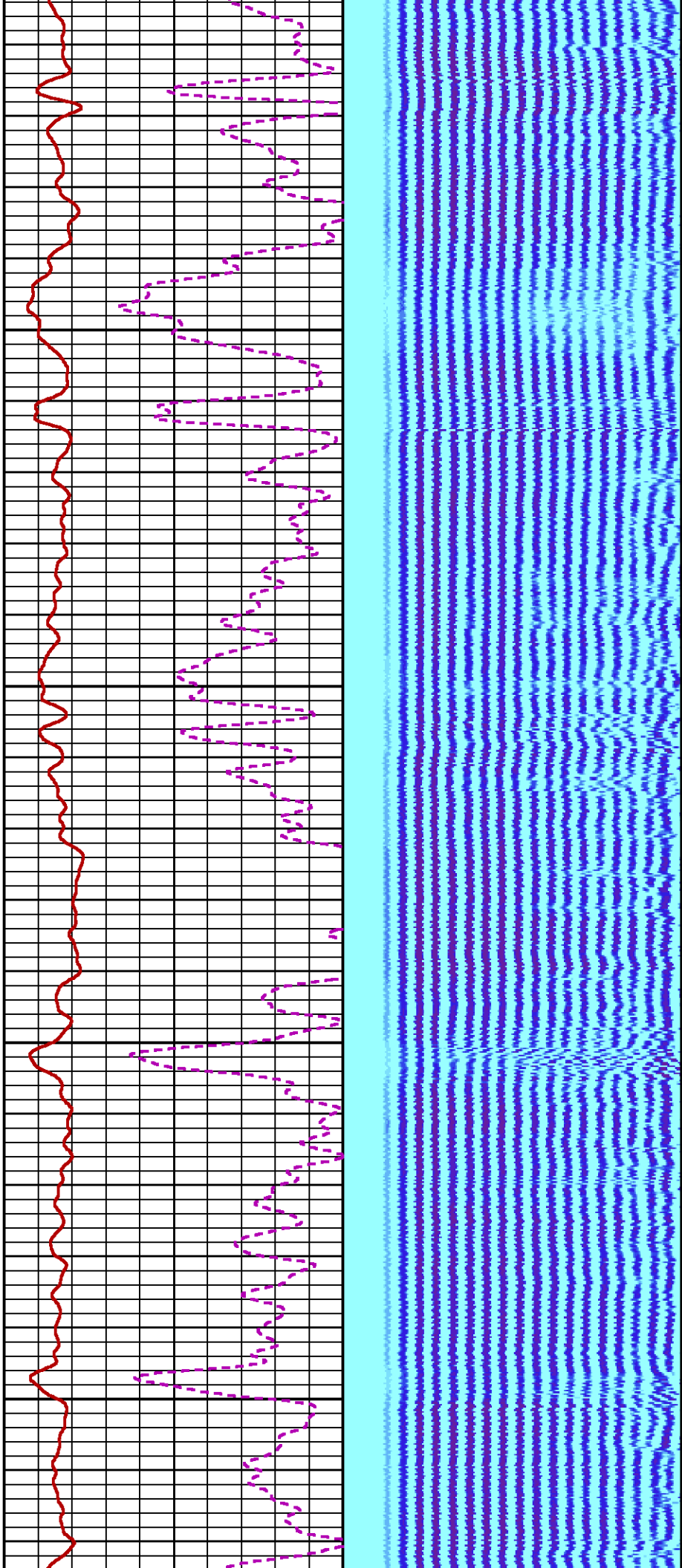
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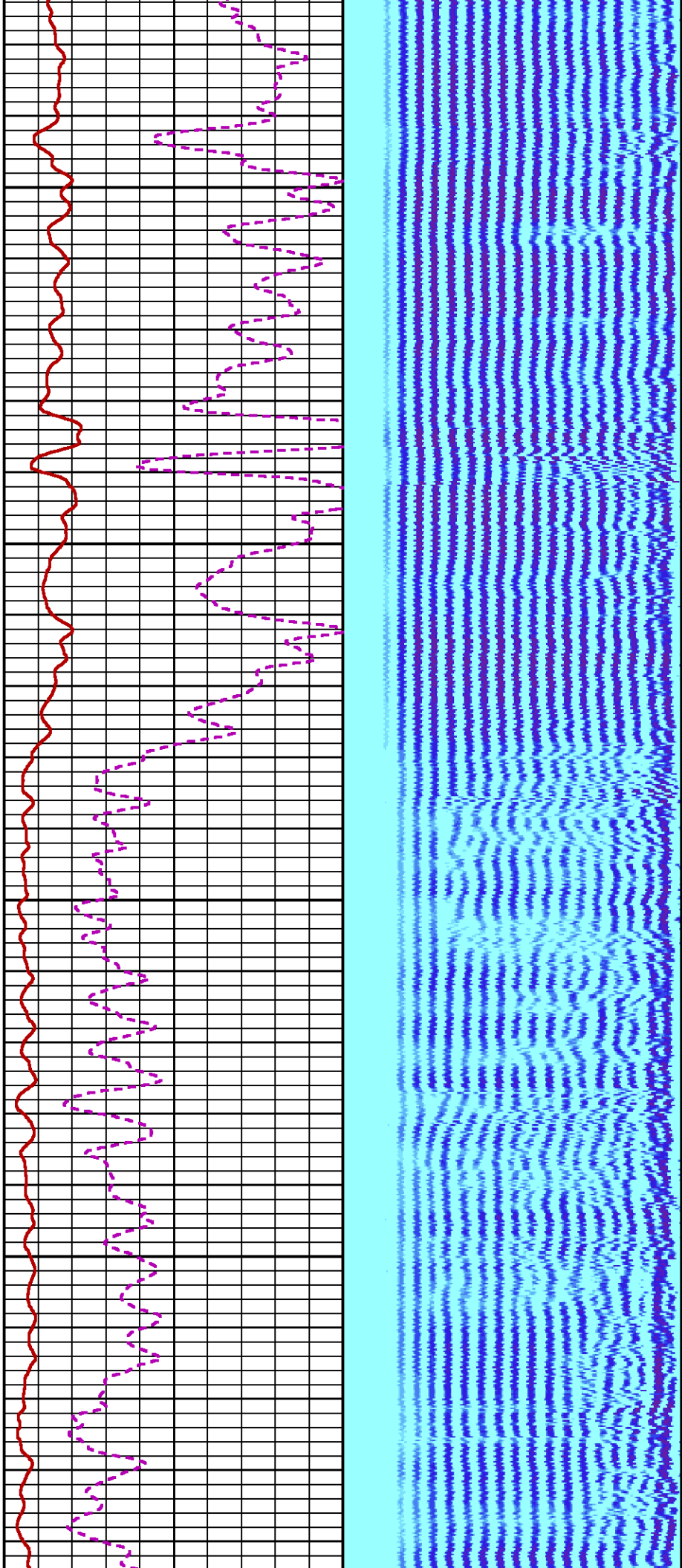






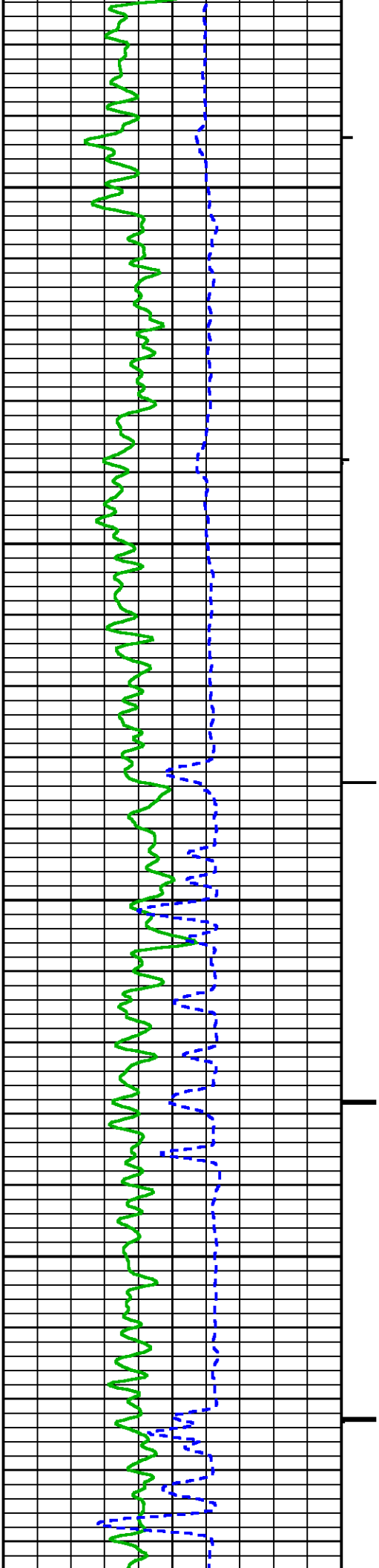


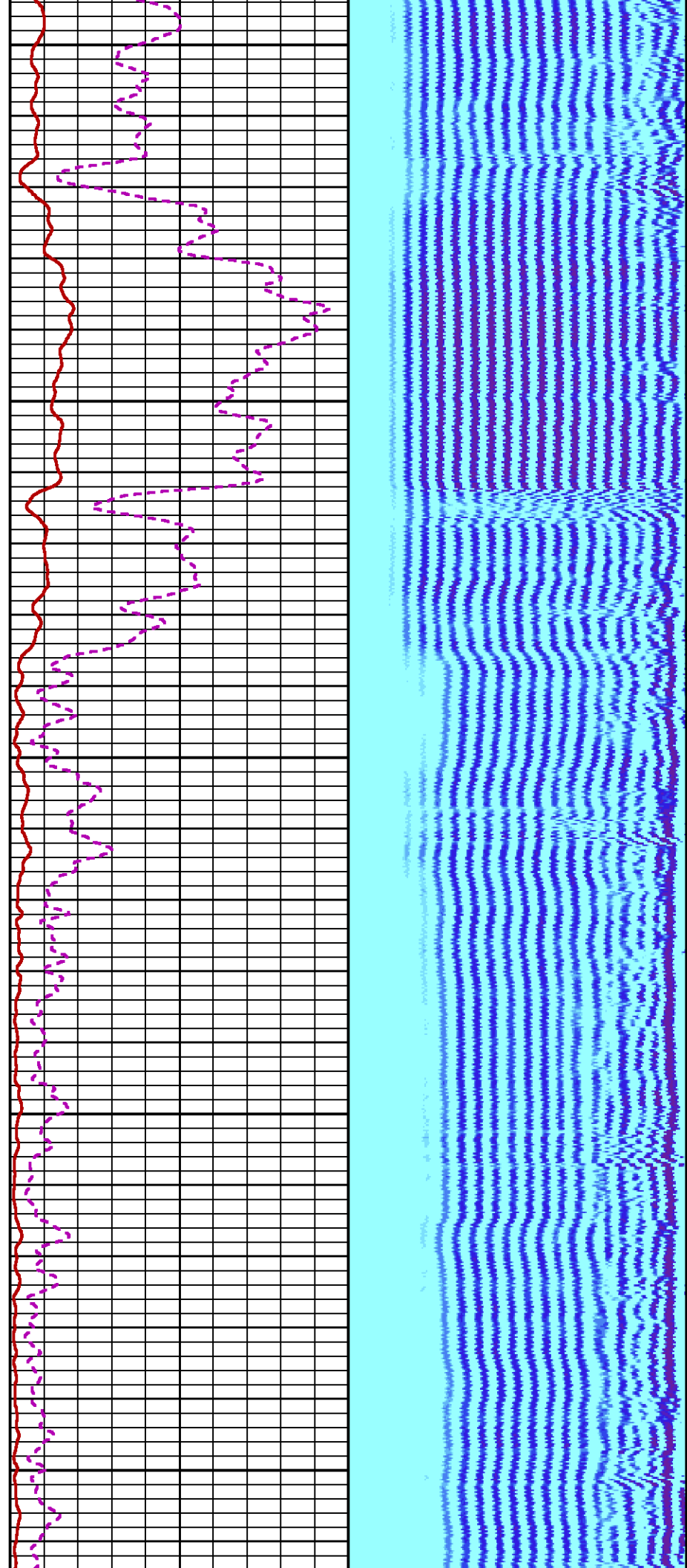




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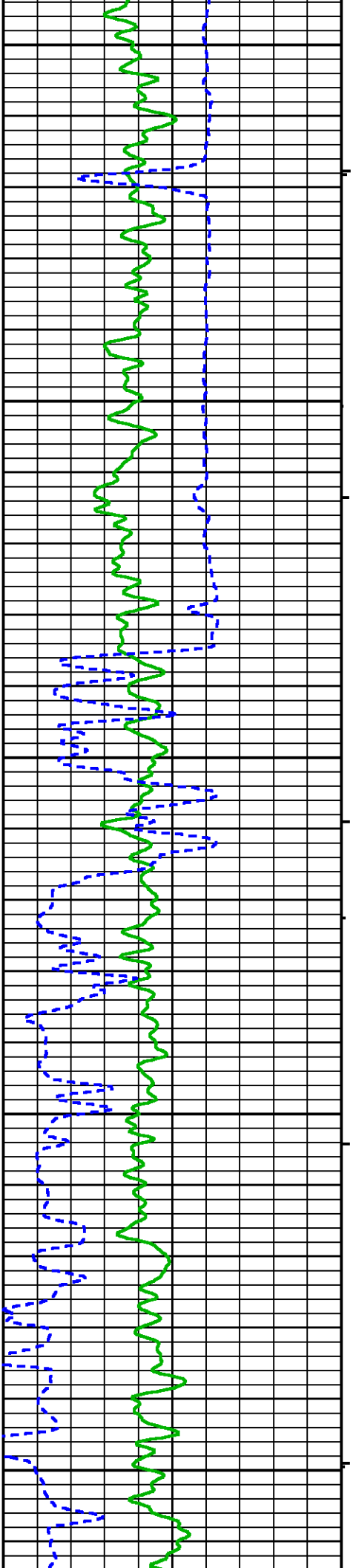




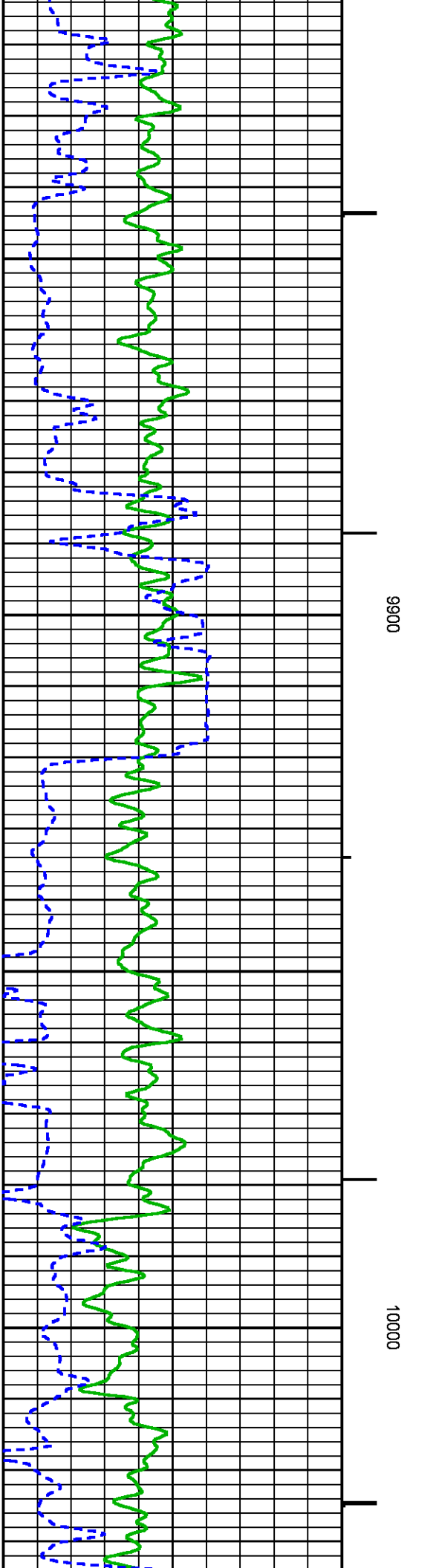
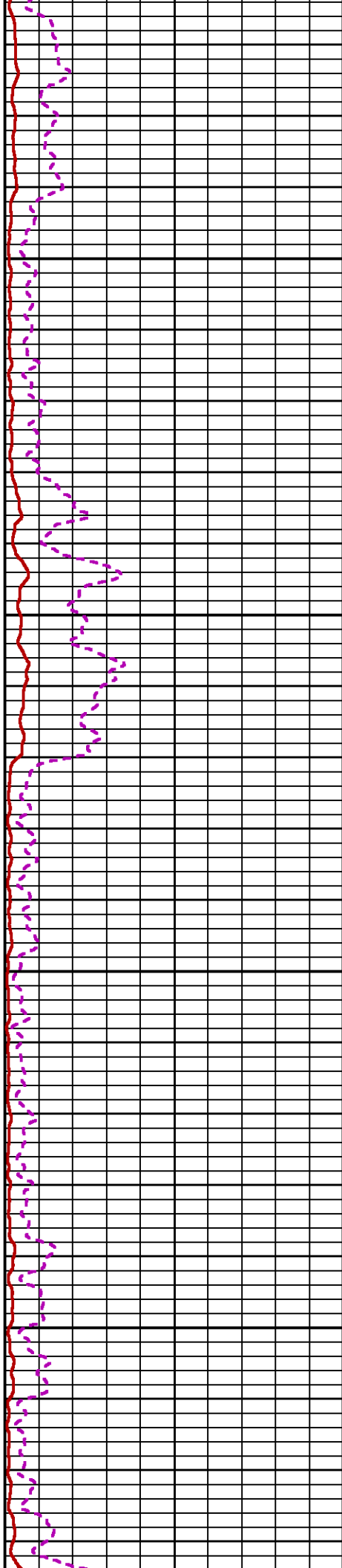
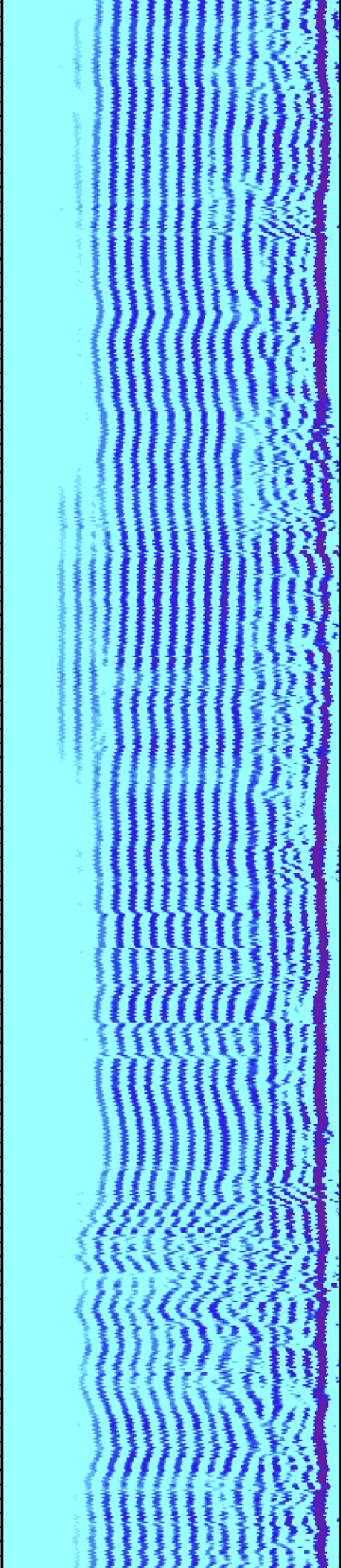
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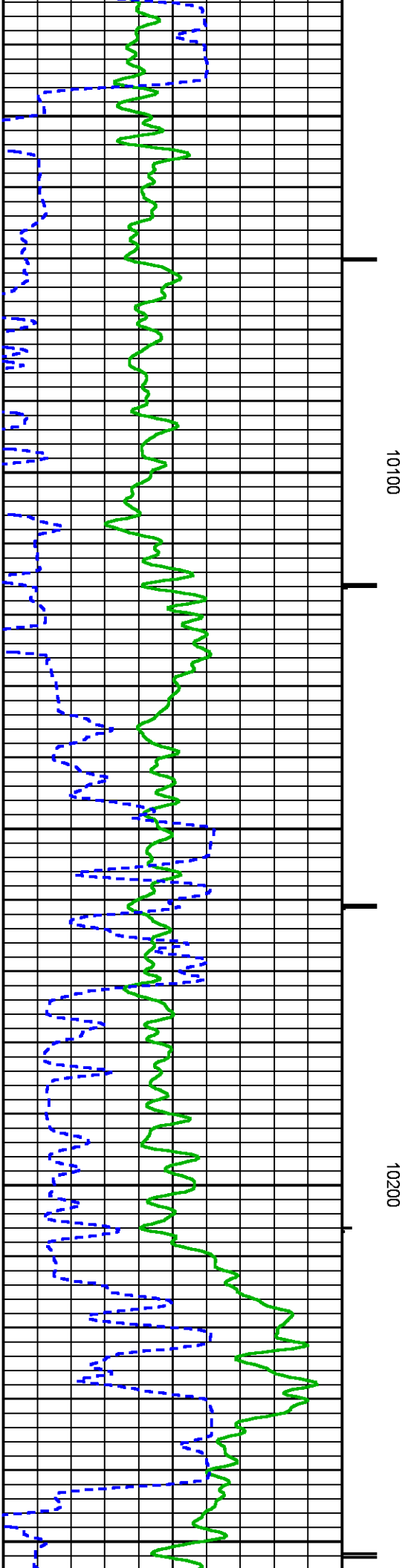
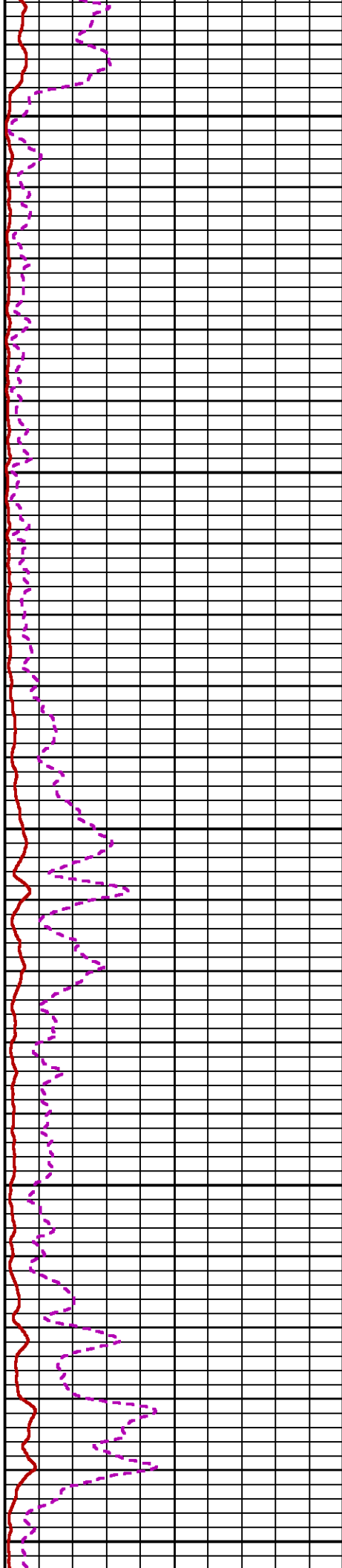
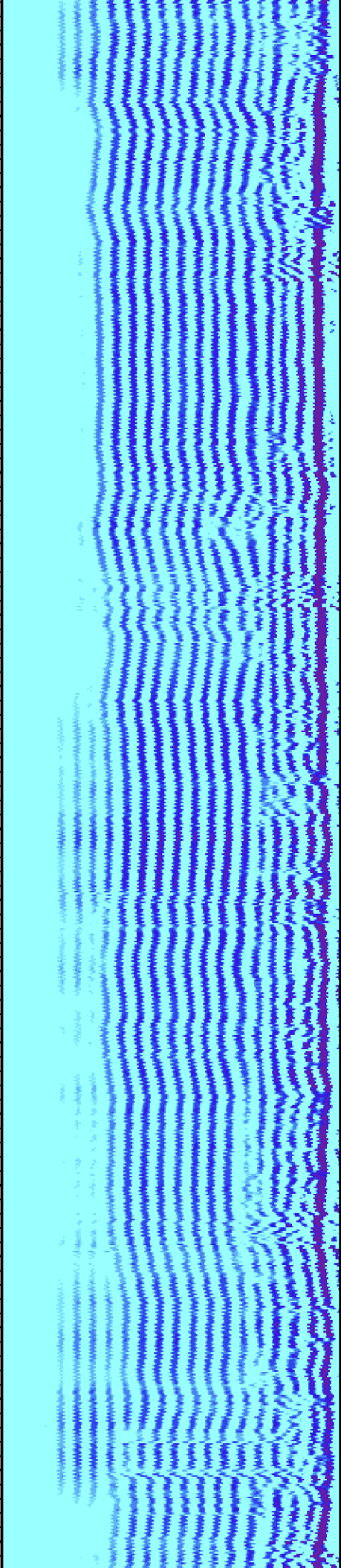
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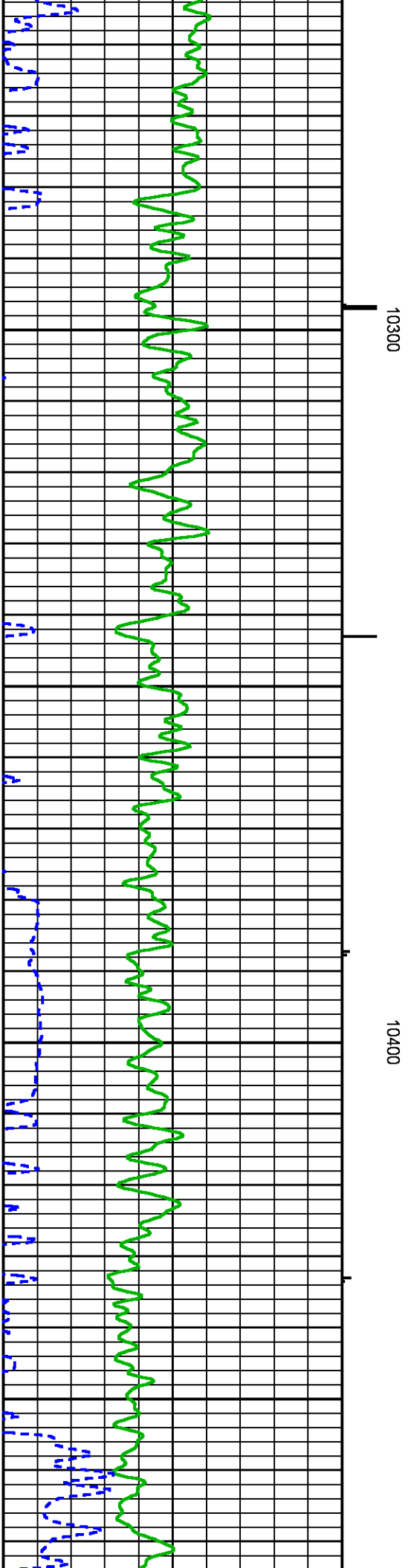
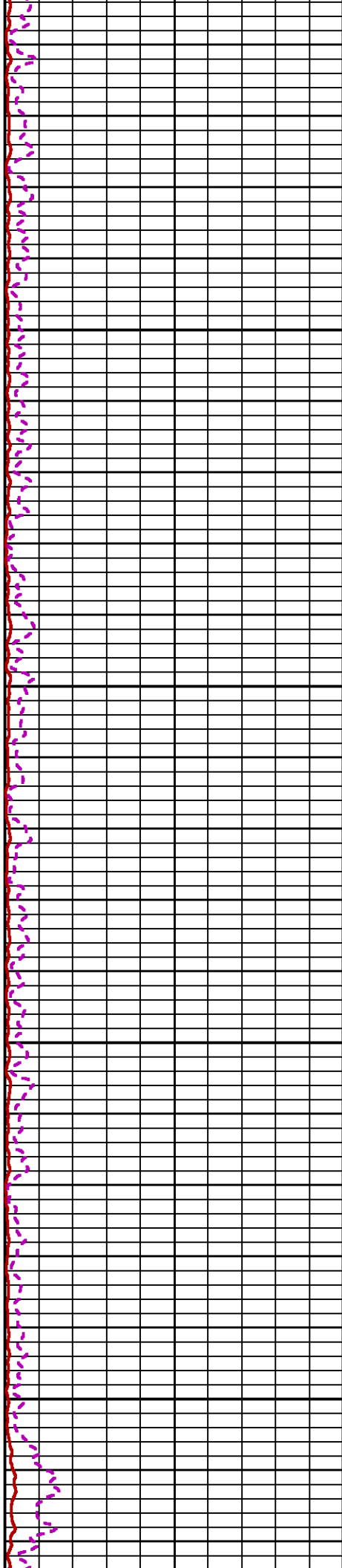
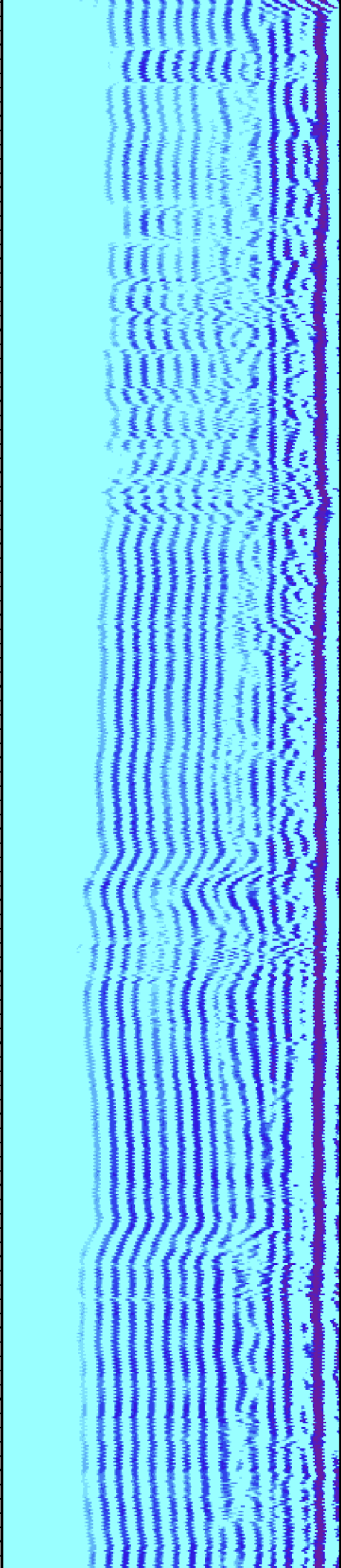


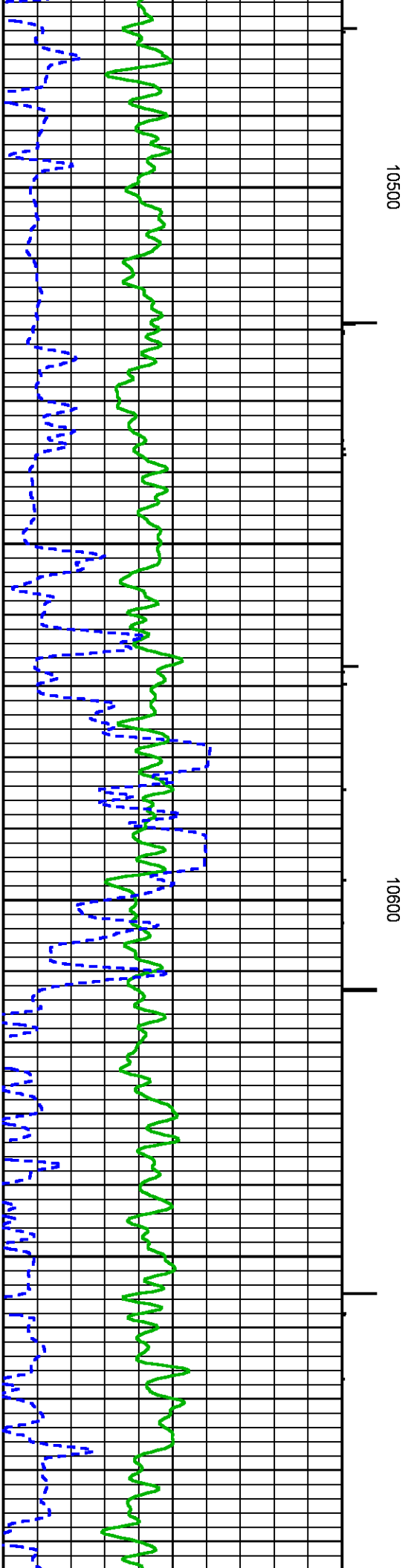
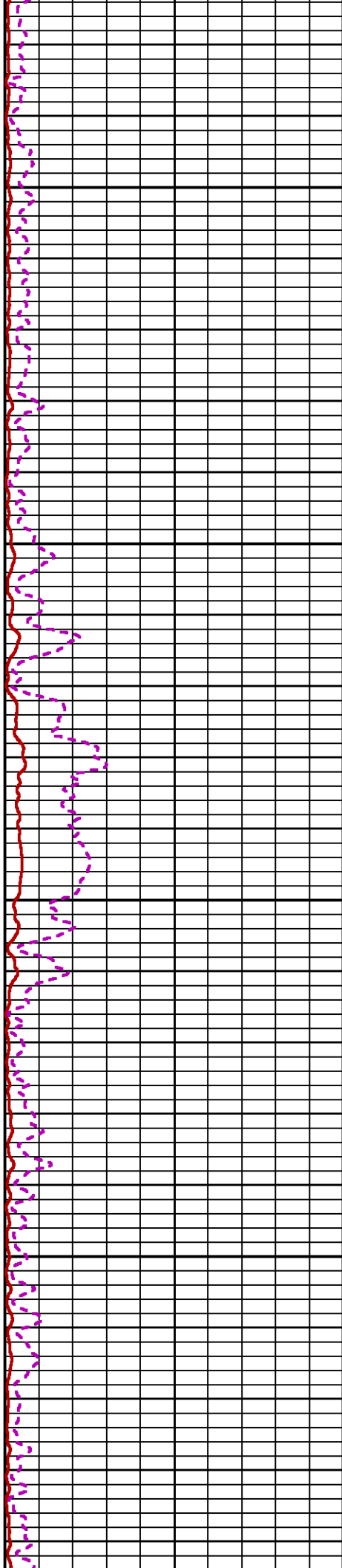
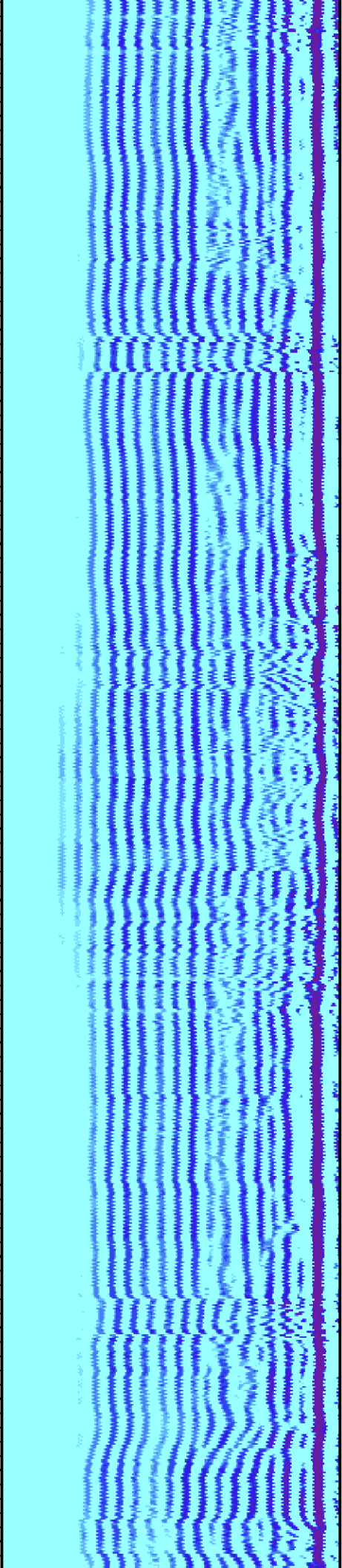


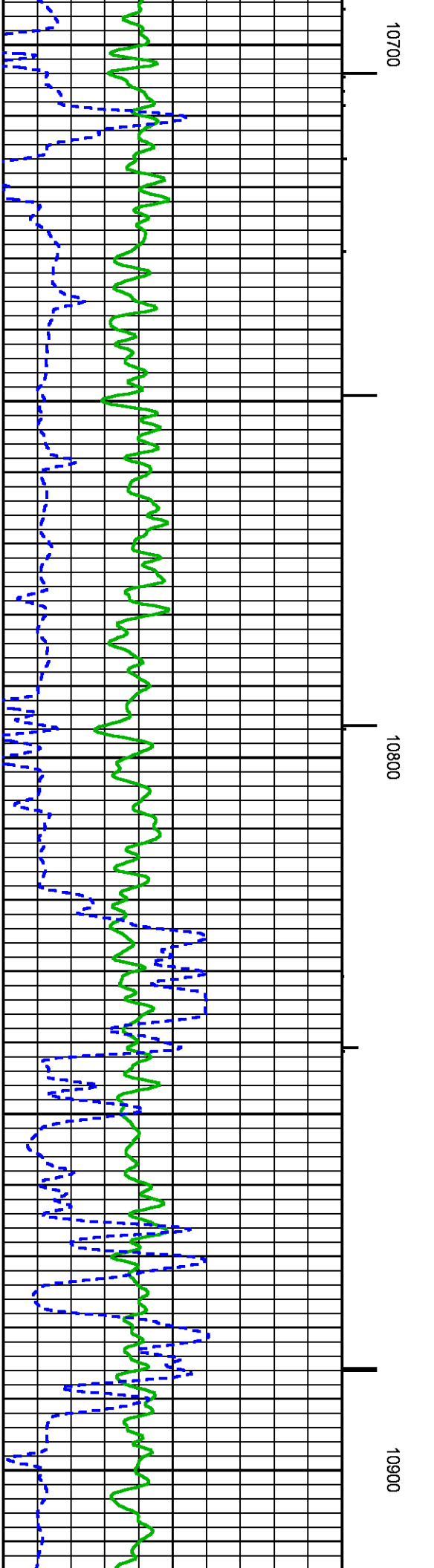
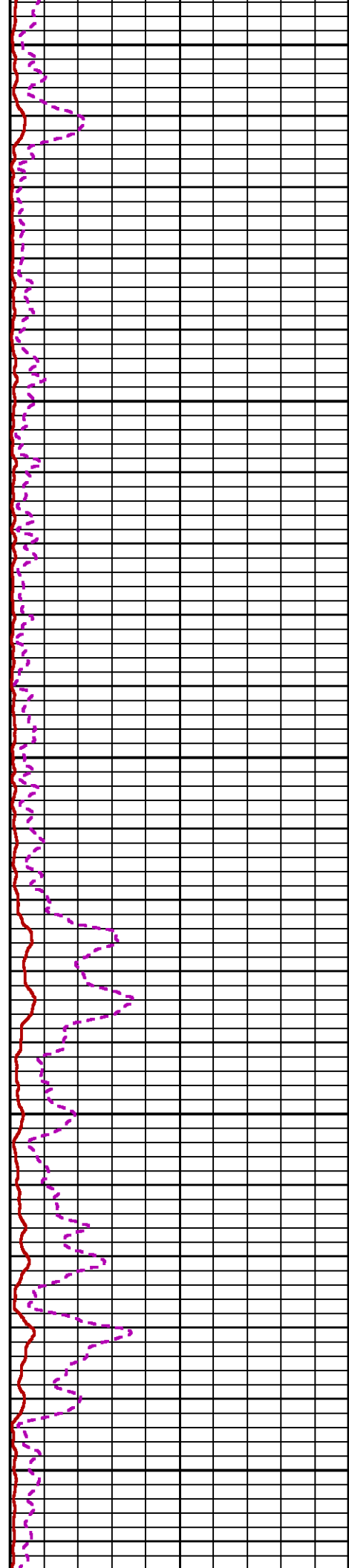
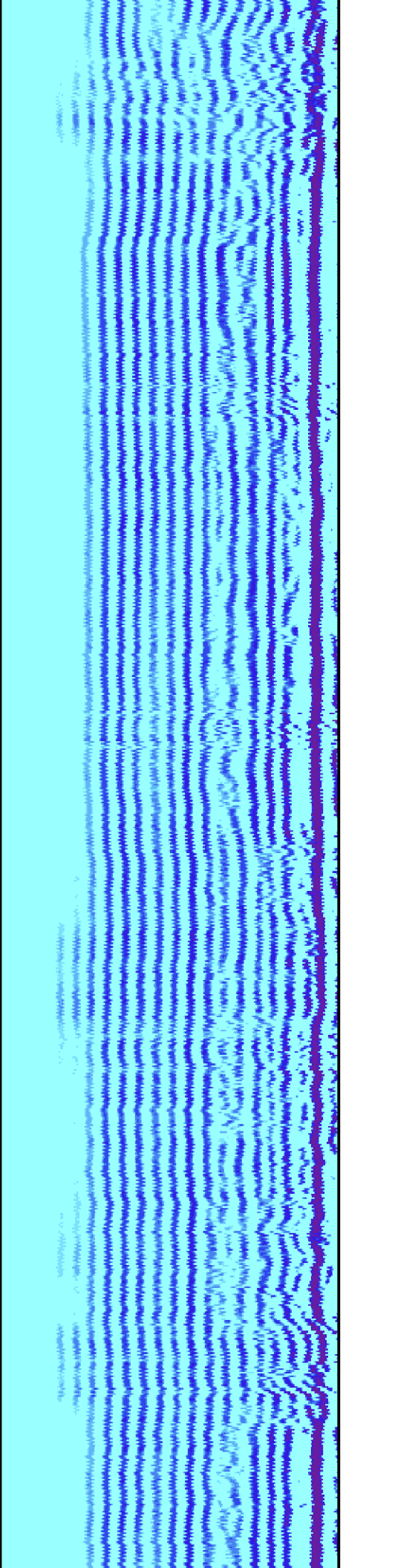




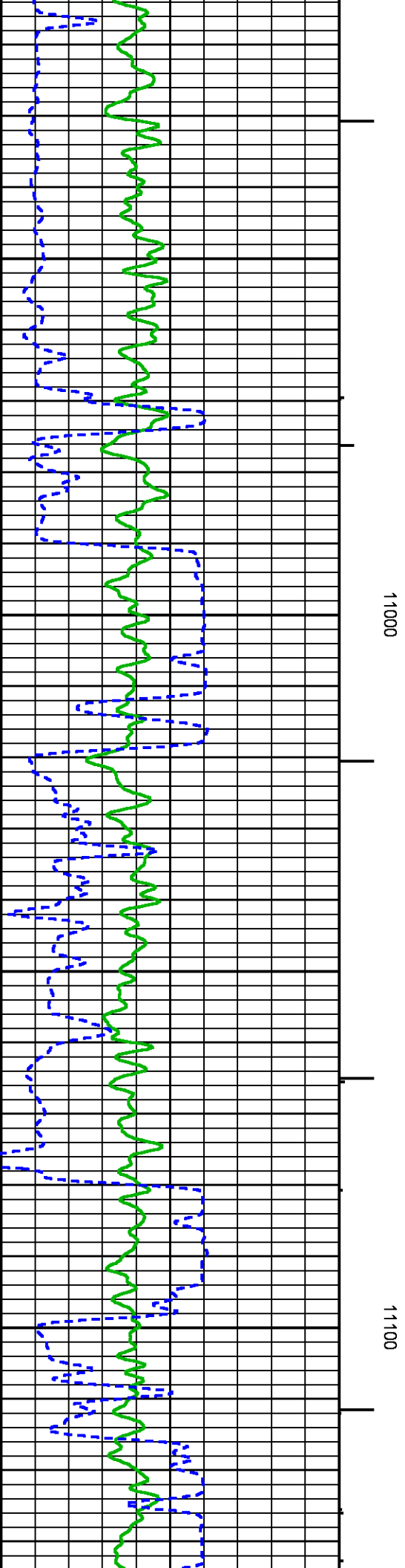
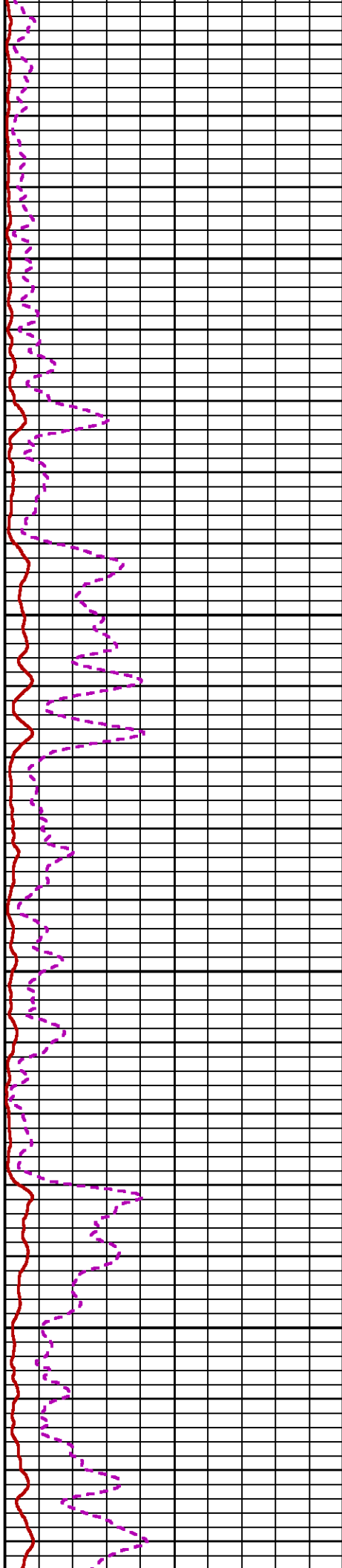
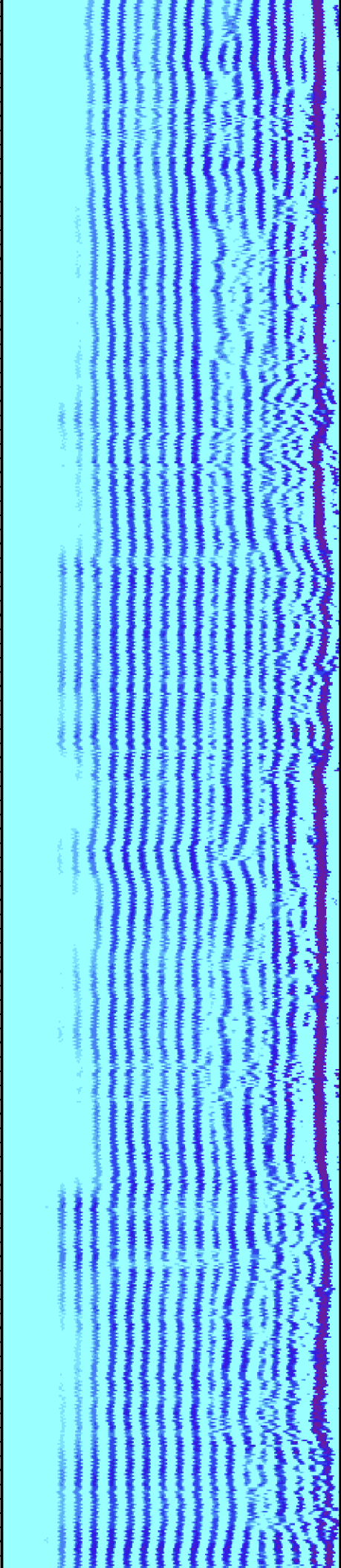


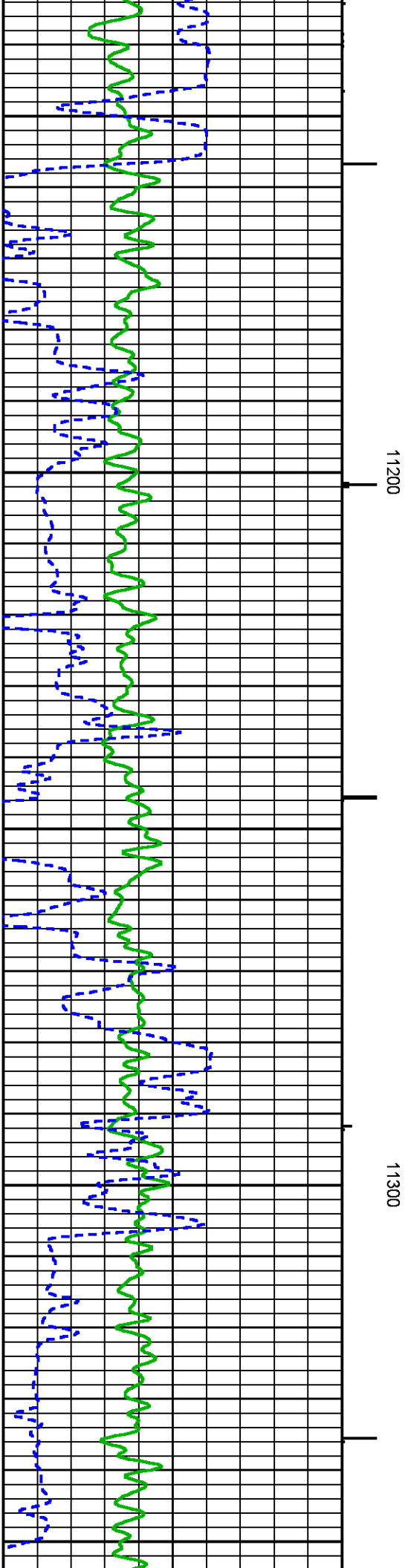
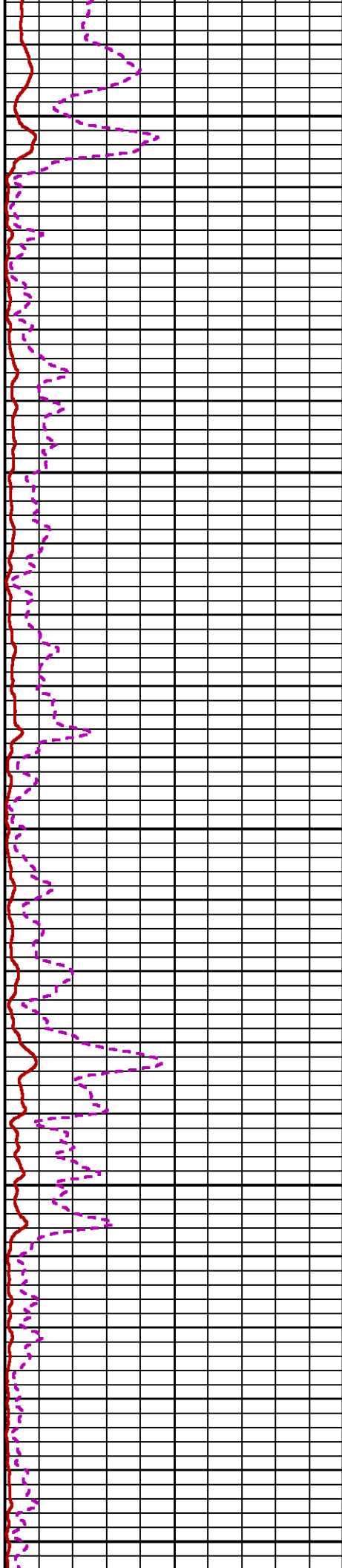
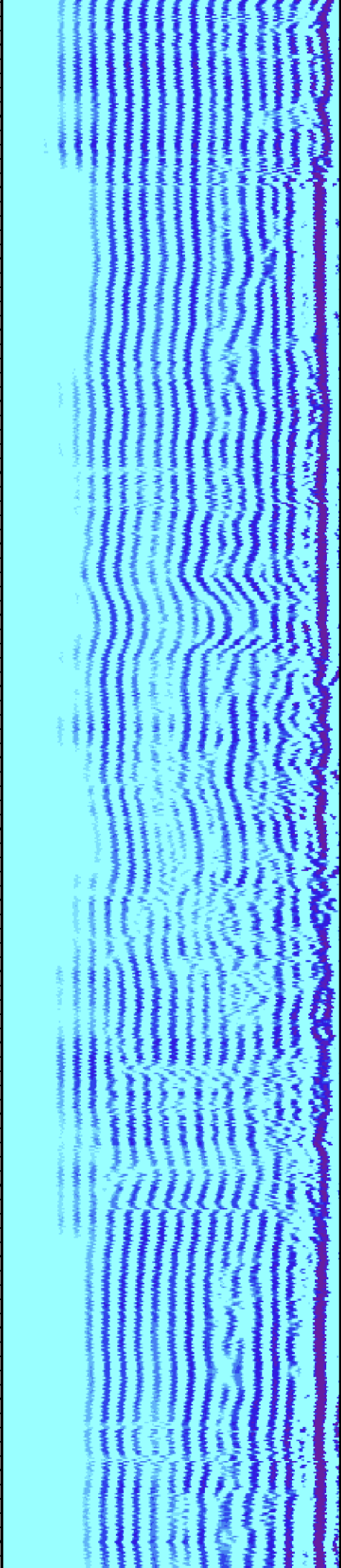


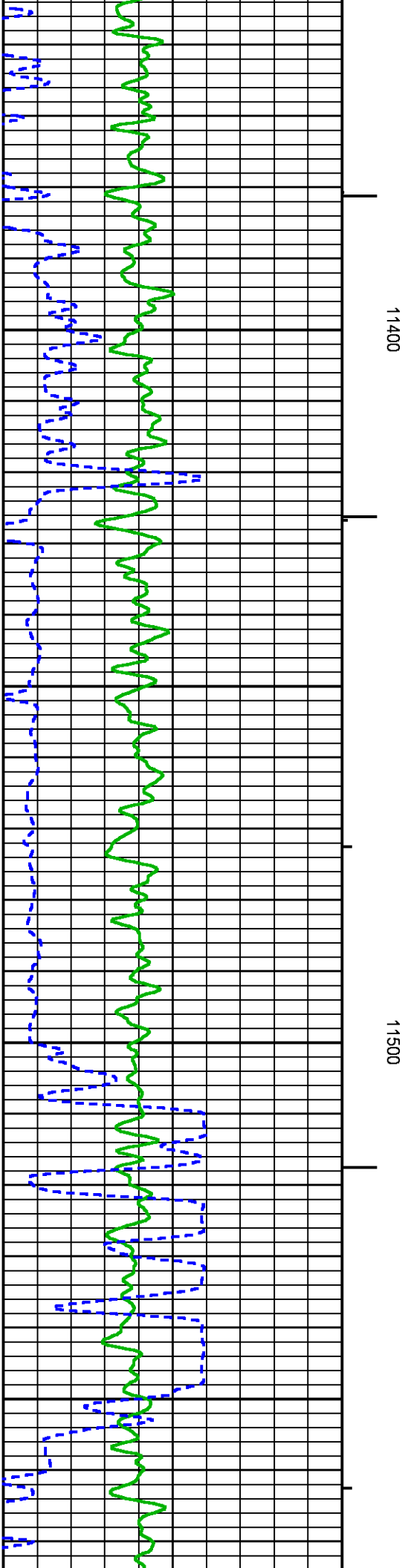
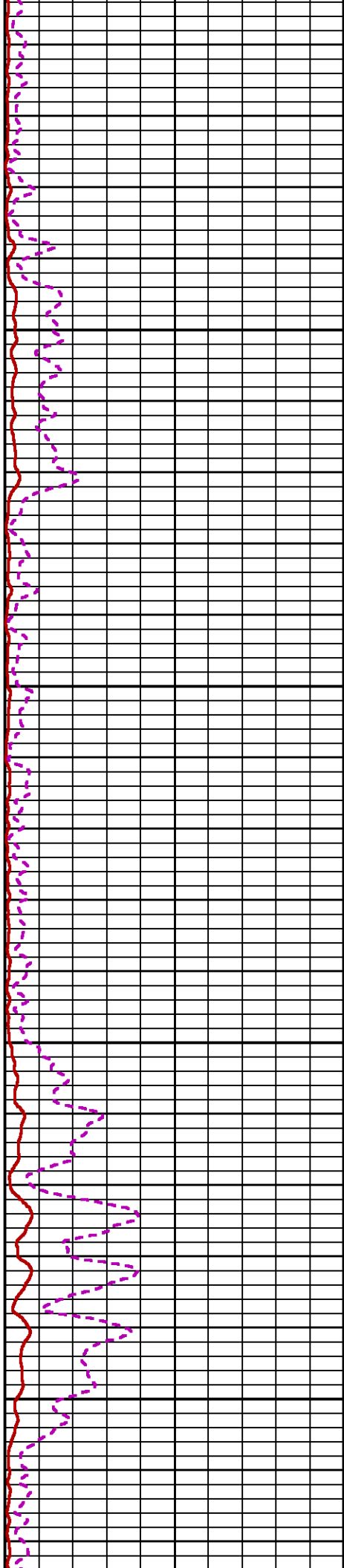
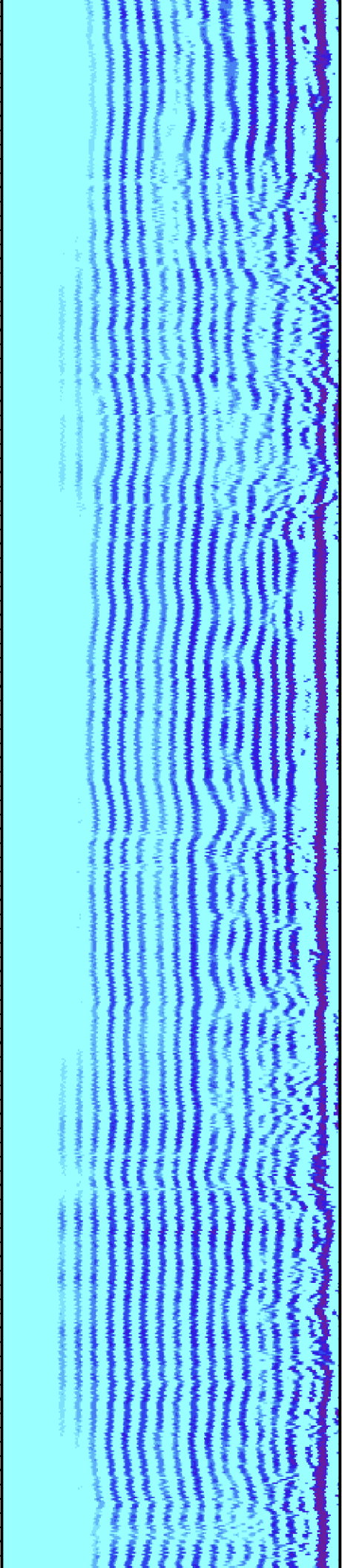


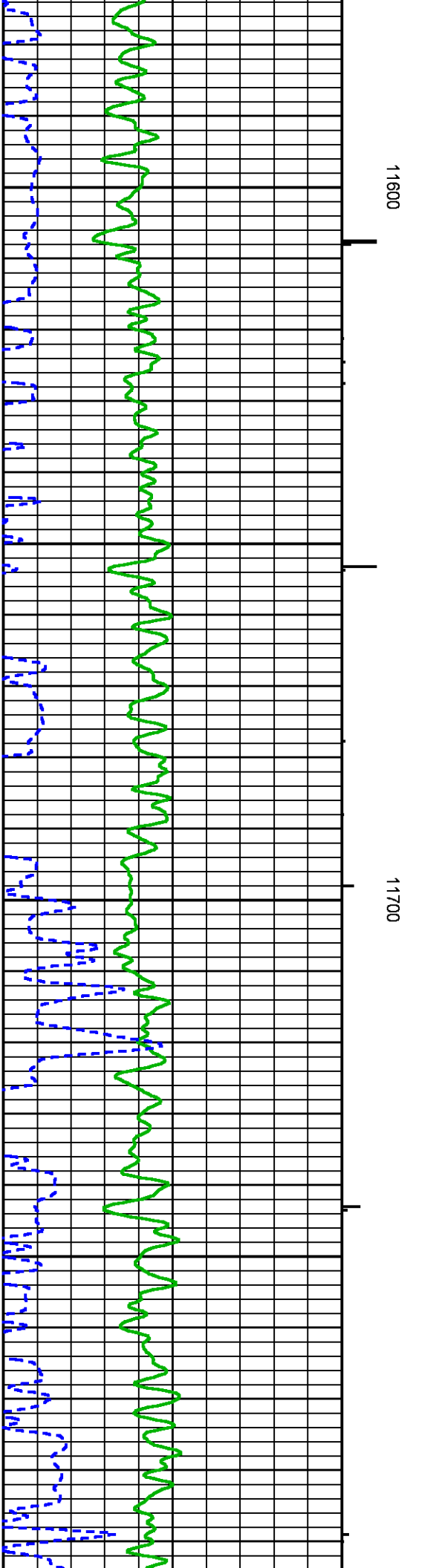
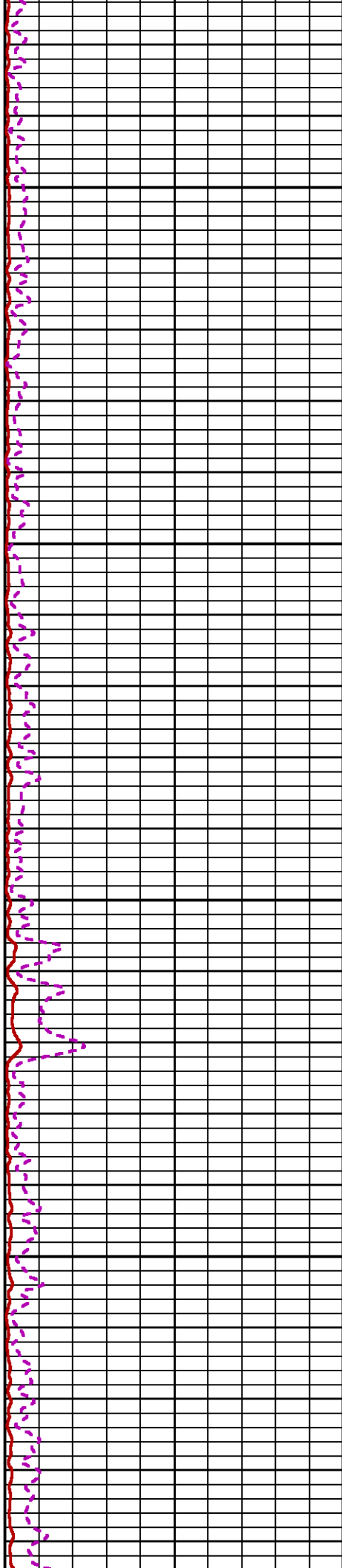
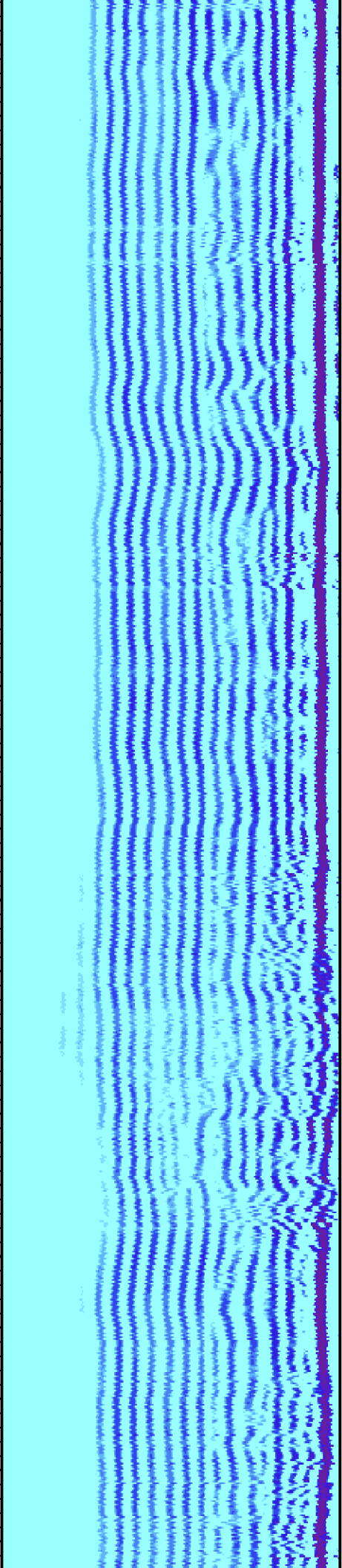




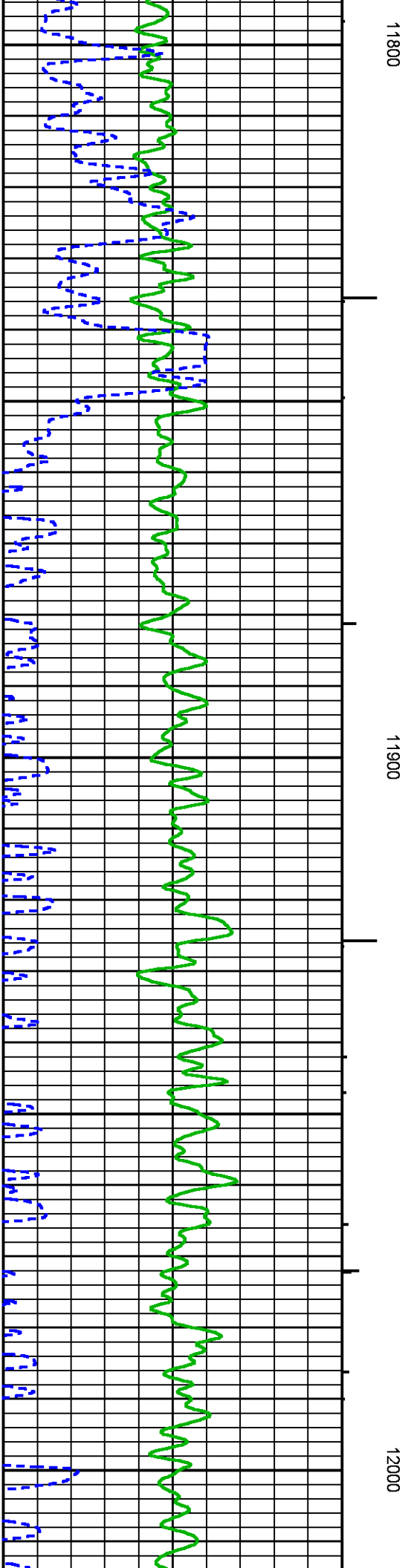
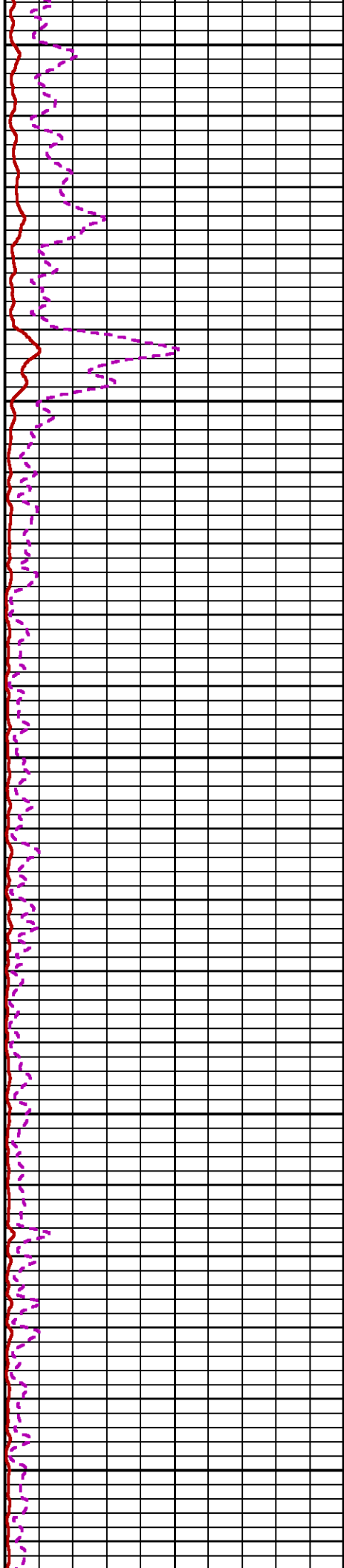
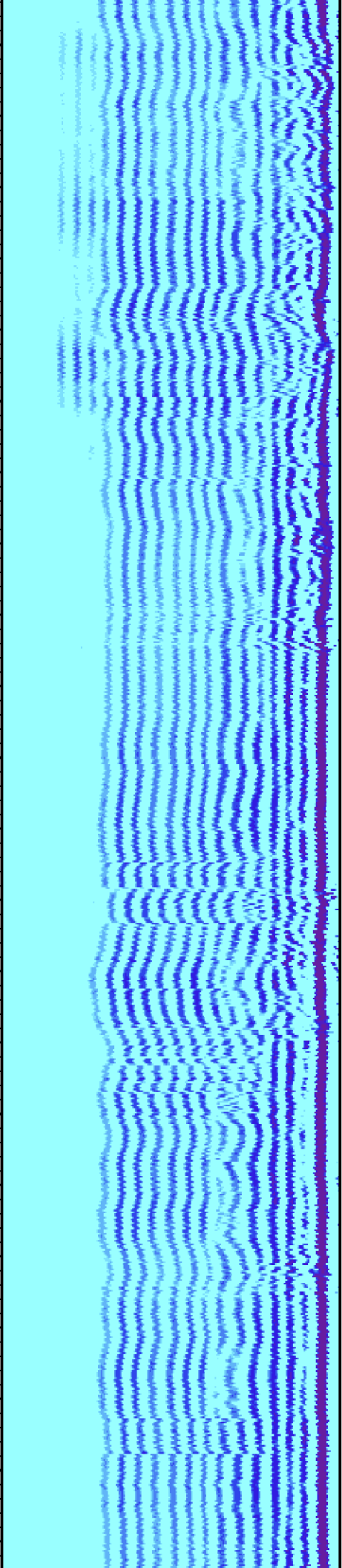


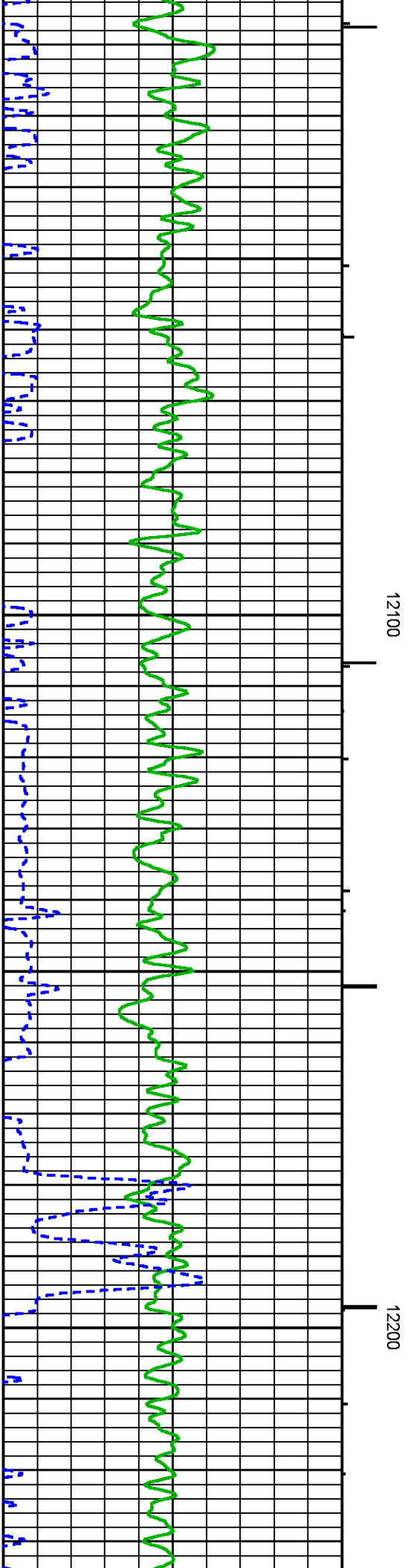
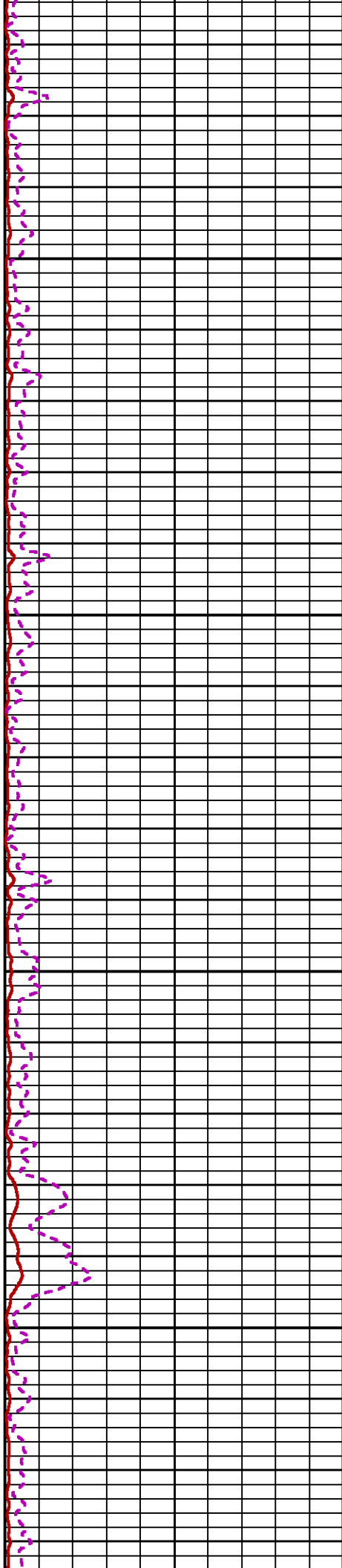
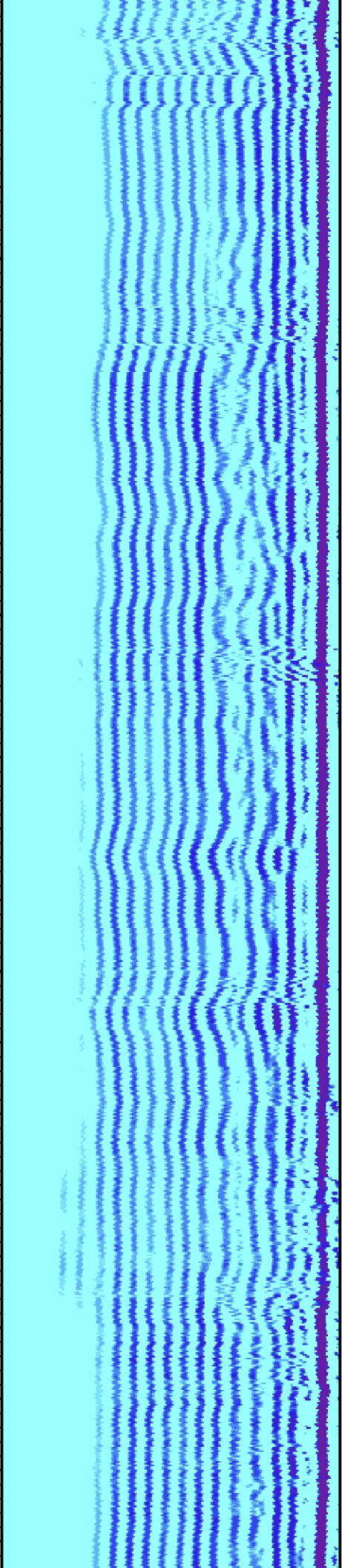


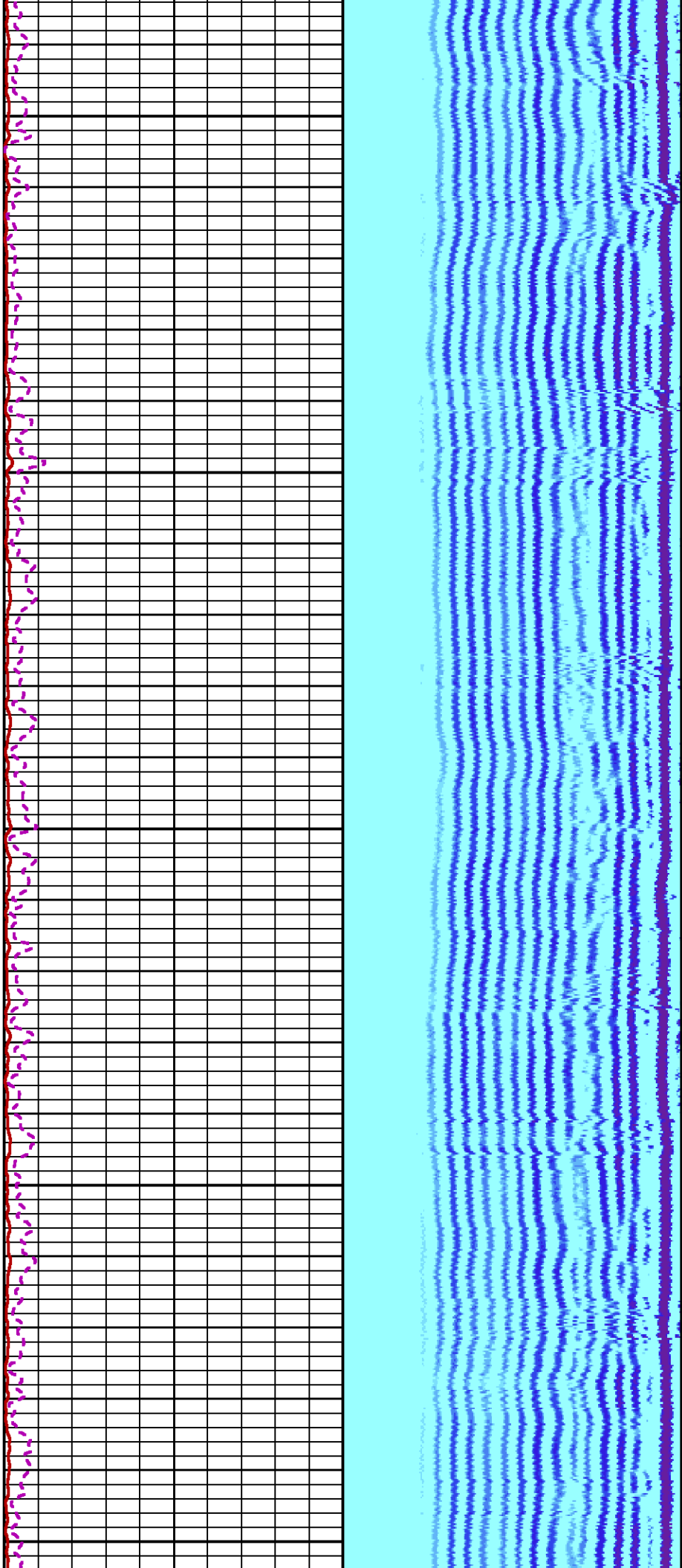






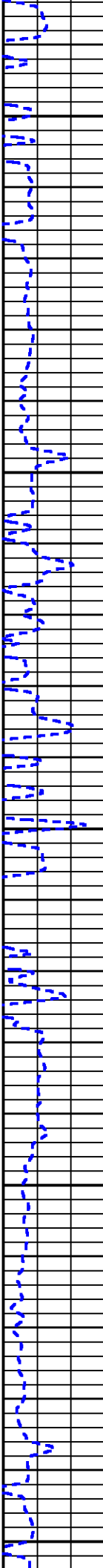
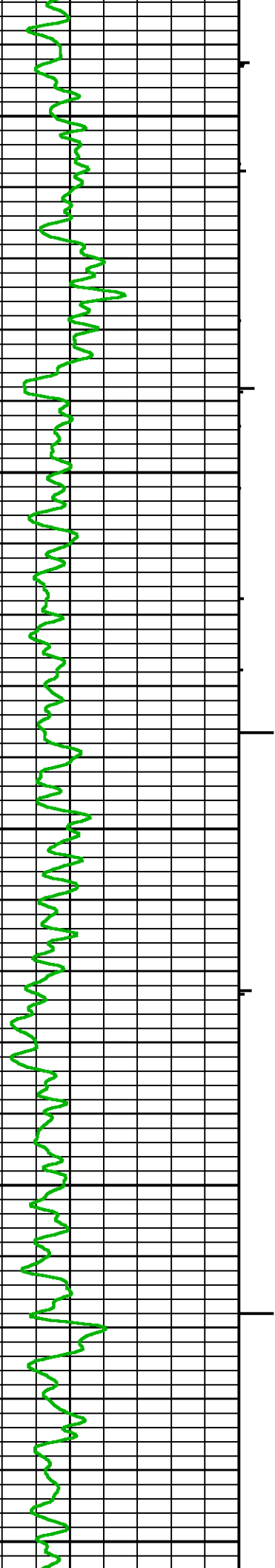


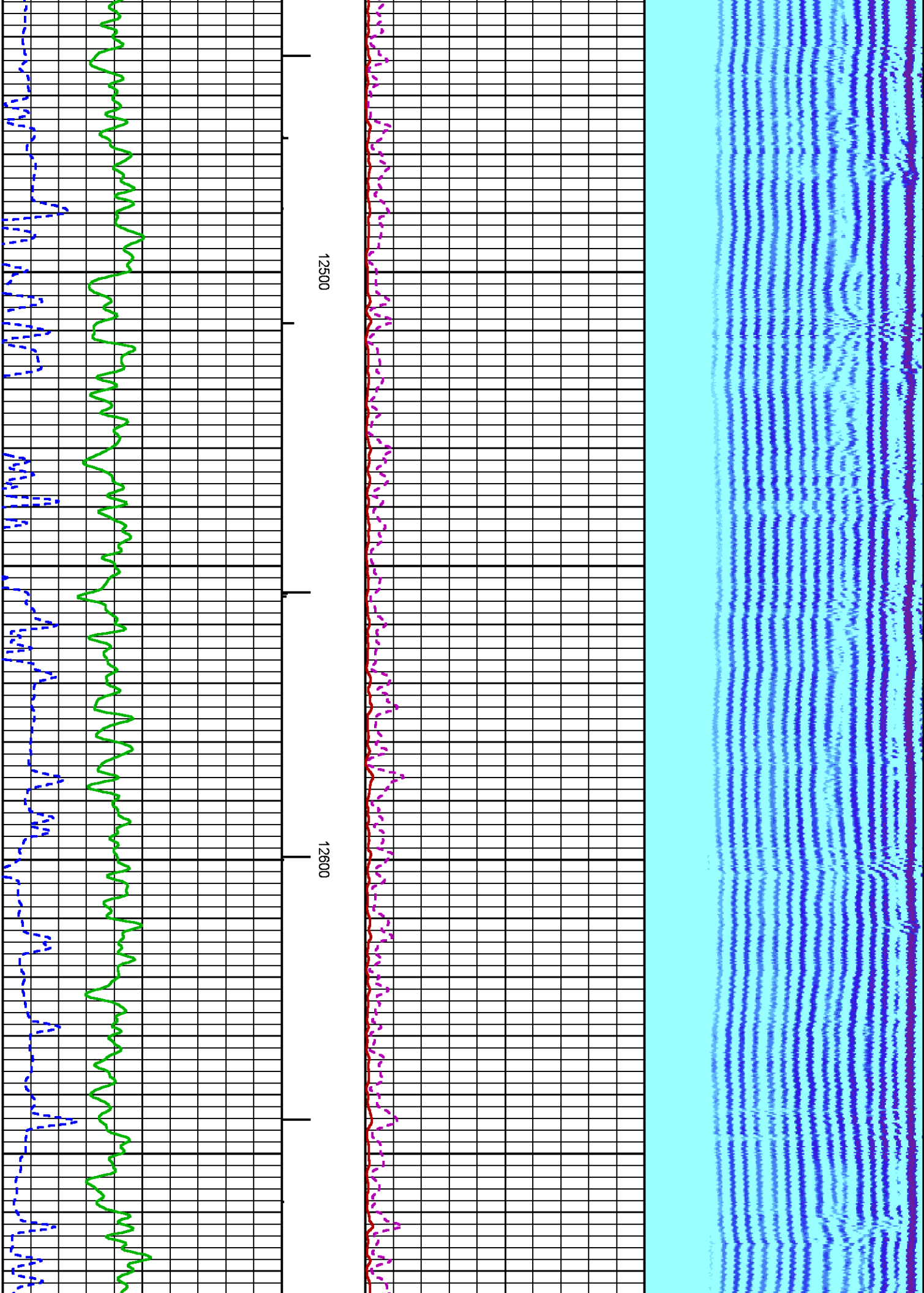




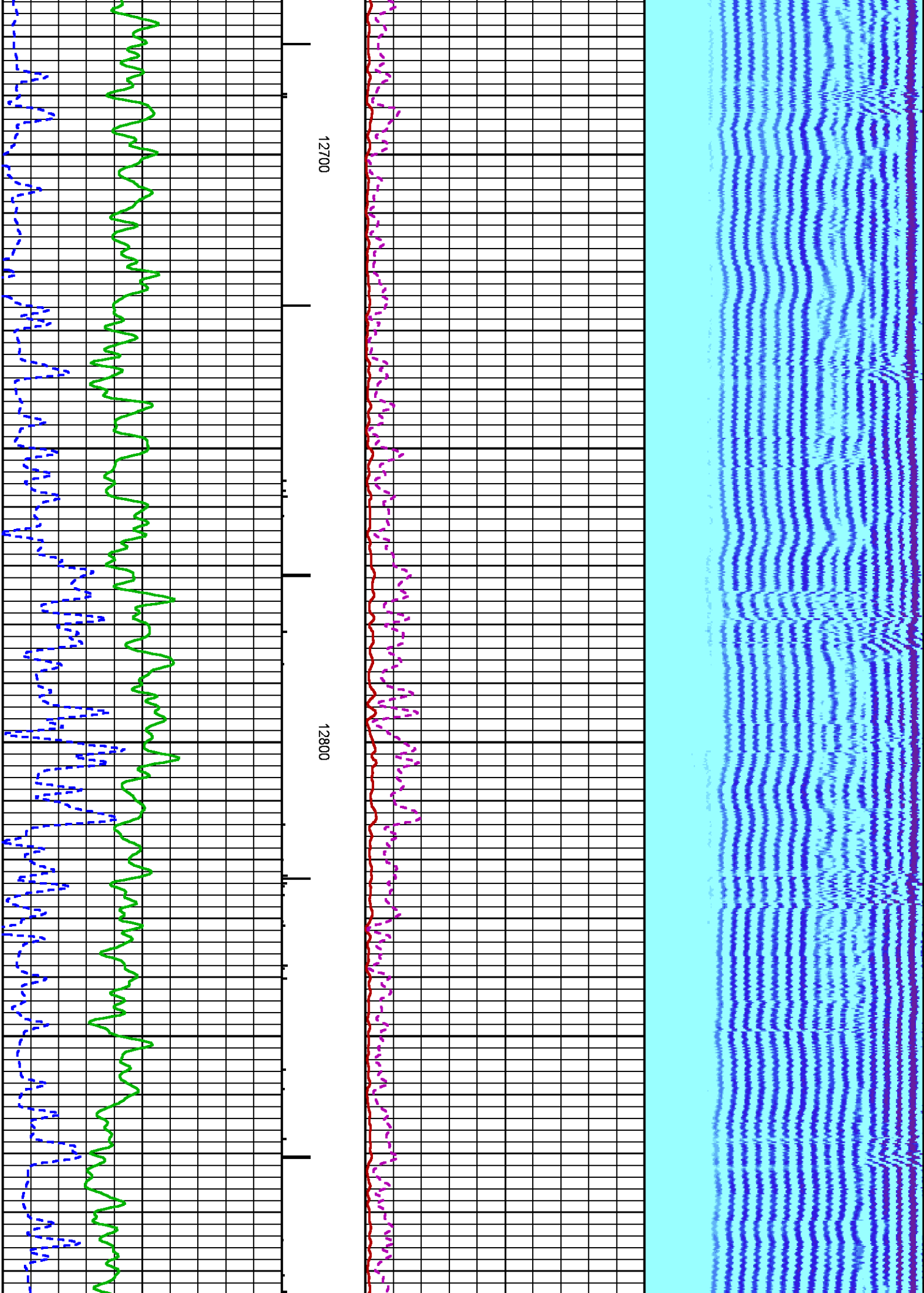
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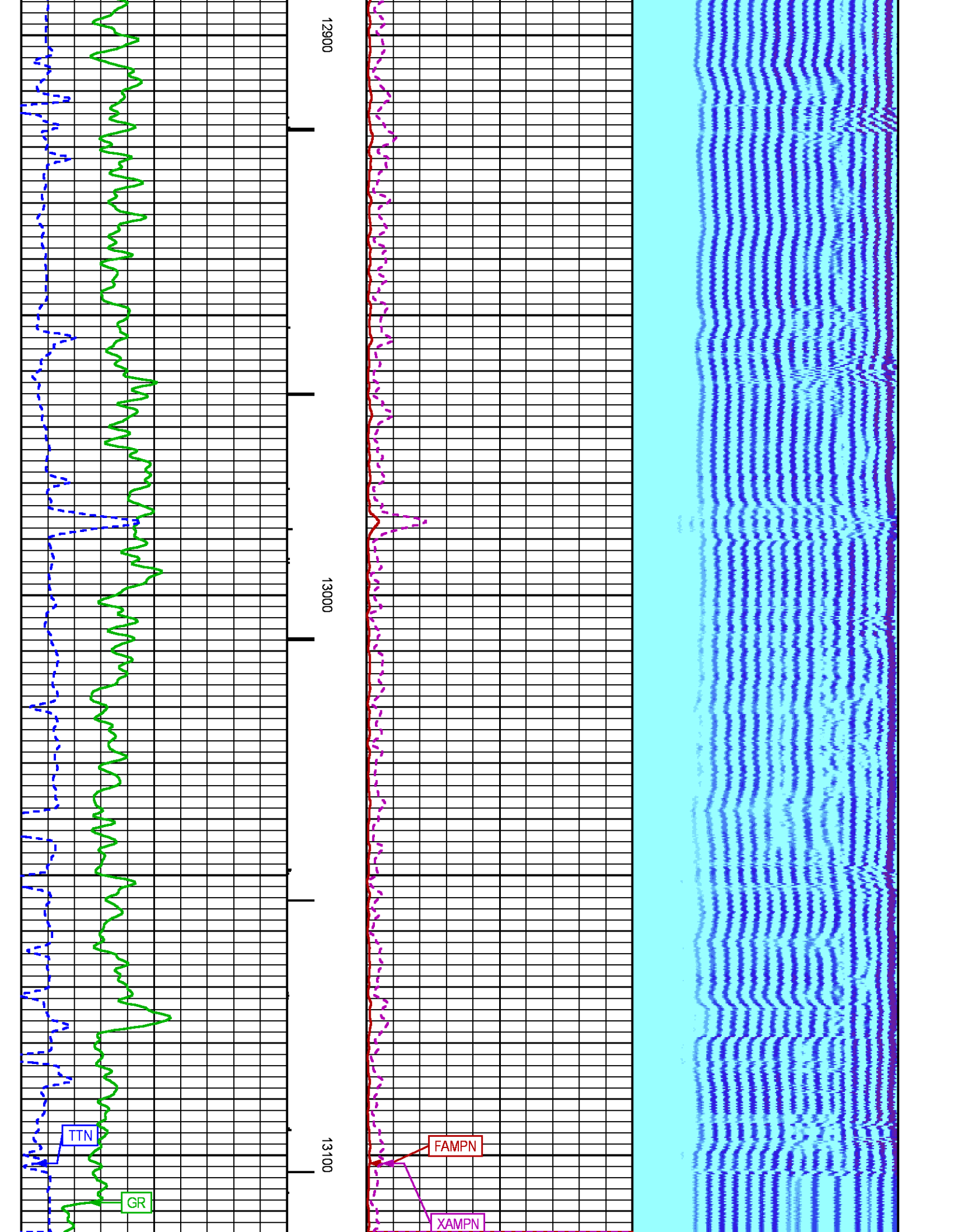
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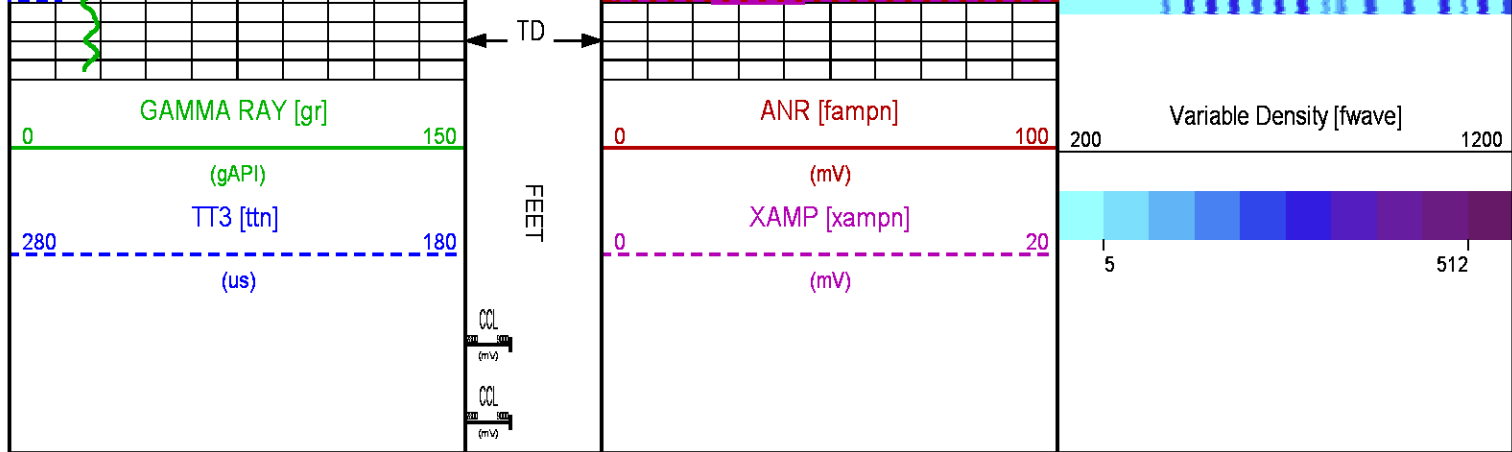












## SECONDARY PRESENTATION 0 PSI

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

Updates: 1

Plotted: Sat Jul 5 14:35:58 2014

### PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH088114/n012eR02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 14.250 ft BOTTOM DEPTH: 13126.500 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 (fgp1*)	195	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	195	us	"	"
	AMP WINDOW START (fgp3*)	195	us	"	"
	AMP WINDOW START (fgp4*)	195	us	"	"
	AMP WINDOW START (fgp5*)	195	us	"	"
	AMP WINDOW START (fgp6*)	195	us	"	"
	AMP WINDOW START (fgp7*)	195	us	"	"
	AMP WINDOW START (fgp8*)	195	us	"	"
	AMP WINDOW START (fgpn*)	195	us	"	"
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	167	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	207.850	us	"	"
RAL TOOL DELAY	TOOL DELAY (str1*)	-64	us	"	"
	TOOL DELAY (str2*)	-64	us	"	"
	TOOL DELAY (str3*)	-64	us	"	"
	TOOL DELAY (str4*)	-64	us	"	"
	TOOL DELAY (str5*)	-64	us	"	"

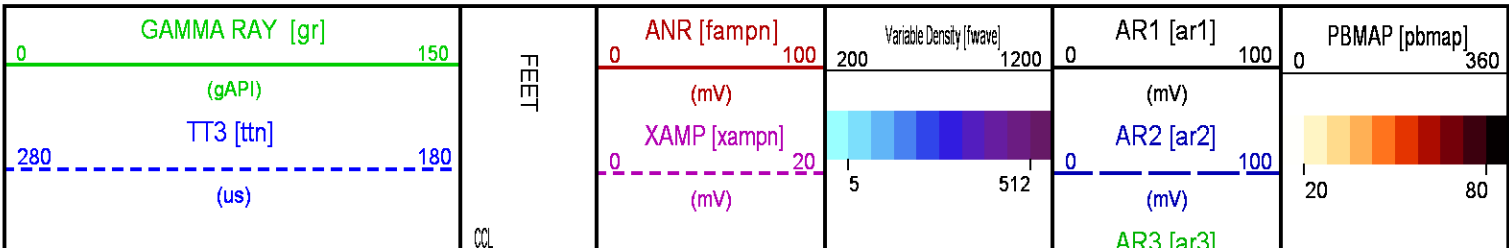
	TOOL DELAY (str6*)	-64	us	"	"
	TOOL DELAY (str7*)	-64	us	"	"
	TOOL DELAY (str8*)	-64	us	"	"
	TOOL DELAY (strn*)	-64	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	132	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

PERCENT BOND CEMENT MAP					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
RAL FREE PIPE AMPLITUDE	FREE AMP REC 1	72	mV	TOP	BOTTOM
	FREE AMP REC 2	72	mV	"	"
	FREE AMP REC 3	72	mV	"	"
	FREE AMP REC 4	72	mV	"	"
	FREE AMP REC 5	72	mV	"	"
	FREE AMP REC 6	72	mV	"	"
	FREE AMP REC 7	72	mV	"	"
	FREE AMP REC 8	72	mV	"	"
RAL FULL BOND AMPLITUDE	FULL BOND AMP REC 1	2	mV	"	"
	FULL BOND AMP REC 2	2	mV	"	"
	FULL BOND AMP REC 3	2	mV	"	"
	FULL BOND AMP REC 4	2	mV	"	"
	FULL BOND AMP REC 5	2	mV	"	"
	FULL BOND AMP REC 6	2	mV	"	"
	FULL BOND AMP REC 7	2	mV	"	"
	FULL BOND AMP REC 8	2	mV	"	"

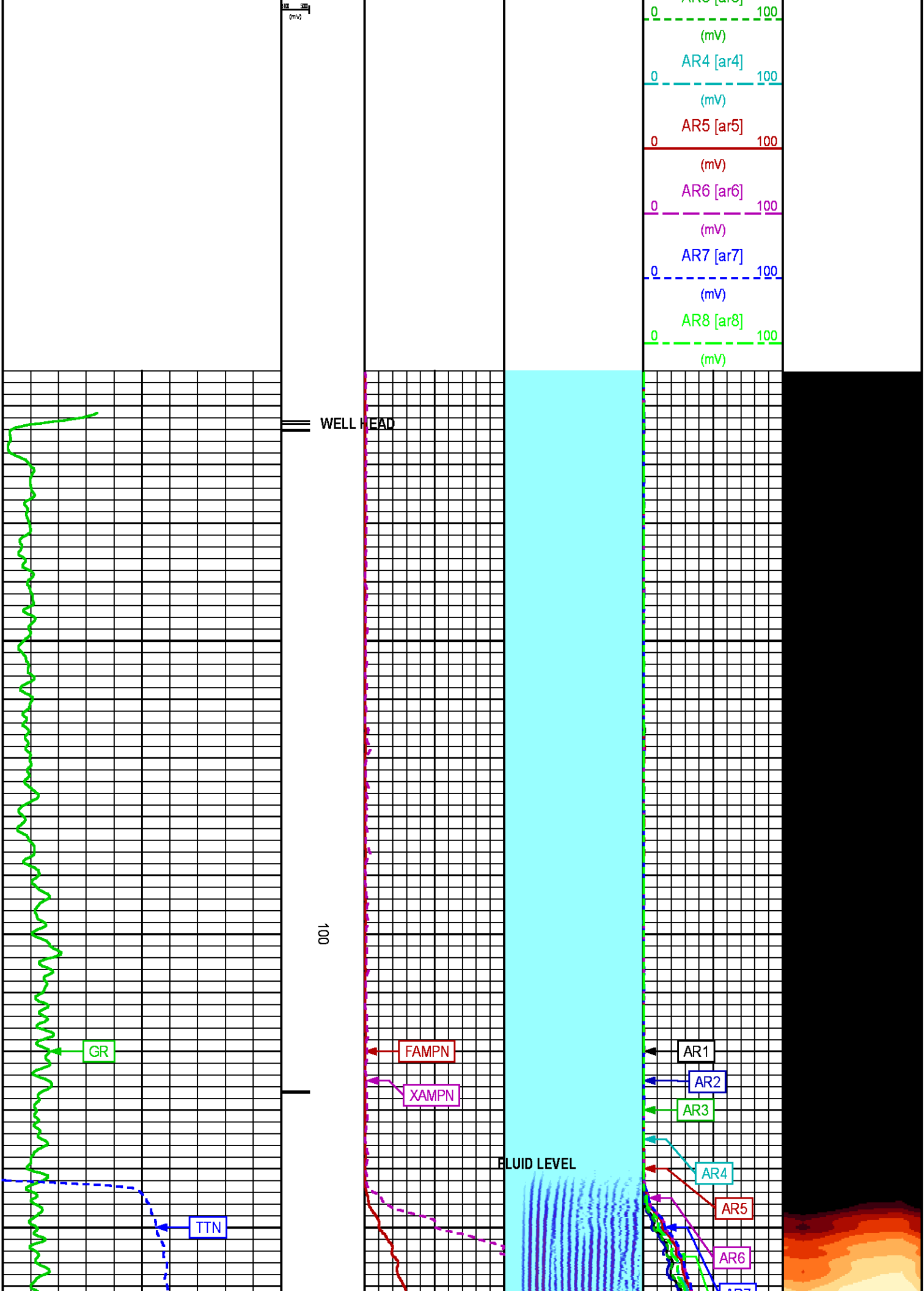
CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE T-R1
F1:AR2	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE T-R2
F1:AR3	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE T-R3
F1:AR4	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE T-R4
F1:AR5	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE T-R5
F1:AR6	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE T-R6
F1:AR7	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE T-R7
F1:AR8	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE T-R8
F1:CCL	Jul 5 10:00:12 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jul 5 10:00:12 2014	FAR WAVE FORM
F1:GR	Jul 5 10:00:12 2014	GAMMA RAY
F1:PBMAP	Jul 5 10:00:12 2014	PERCENT BOND CEMENT MAP
F1:TTN	Jul 5 10:00:12 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jul 5 10:00:12 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

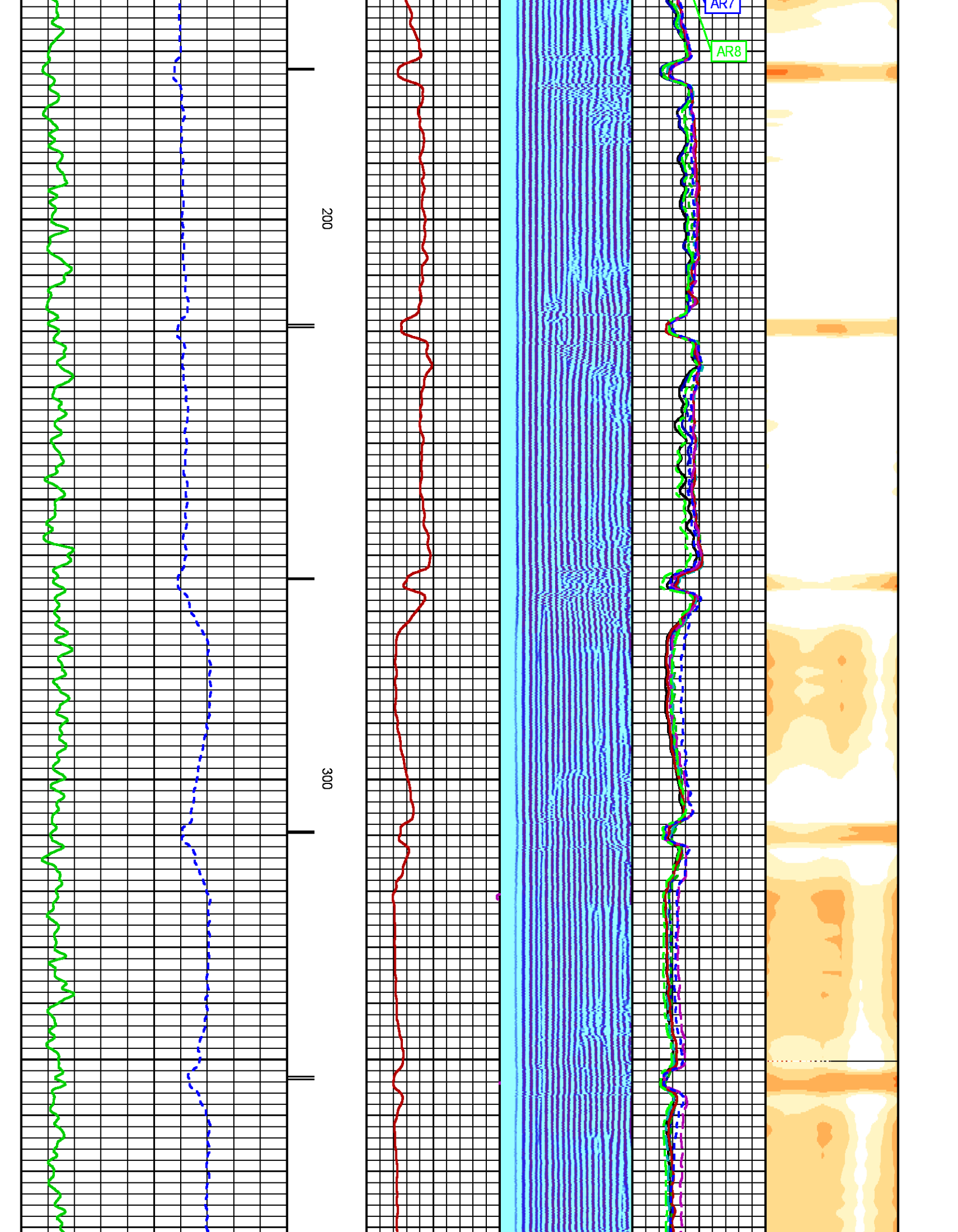
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	16.50	AR5	16.50	CCL	11.50	XAMPN	16.50
AR2	16.50	AR6	16.50	FAMPN	16.50		
AR3	16.50	AR7	16.50	GR	9.50		
AR4	16.50	AR8	16.50	TTN	16.50		

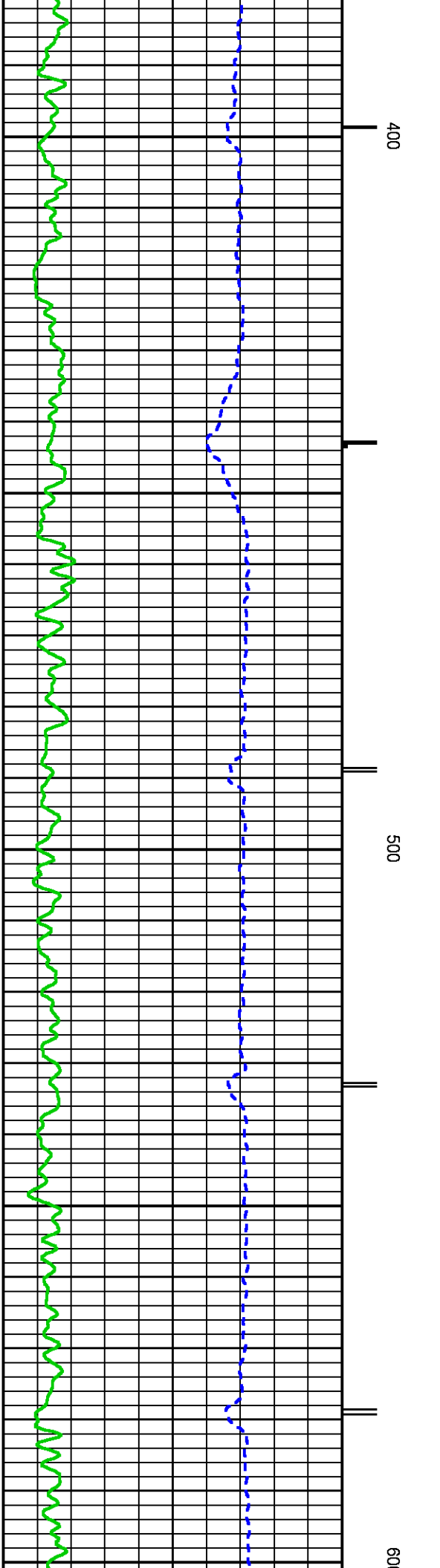
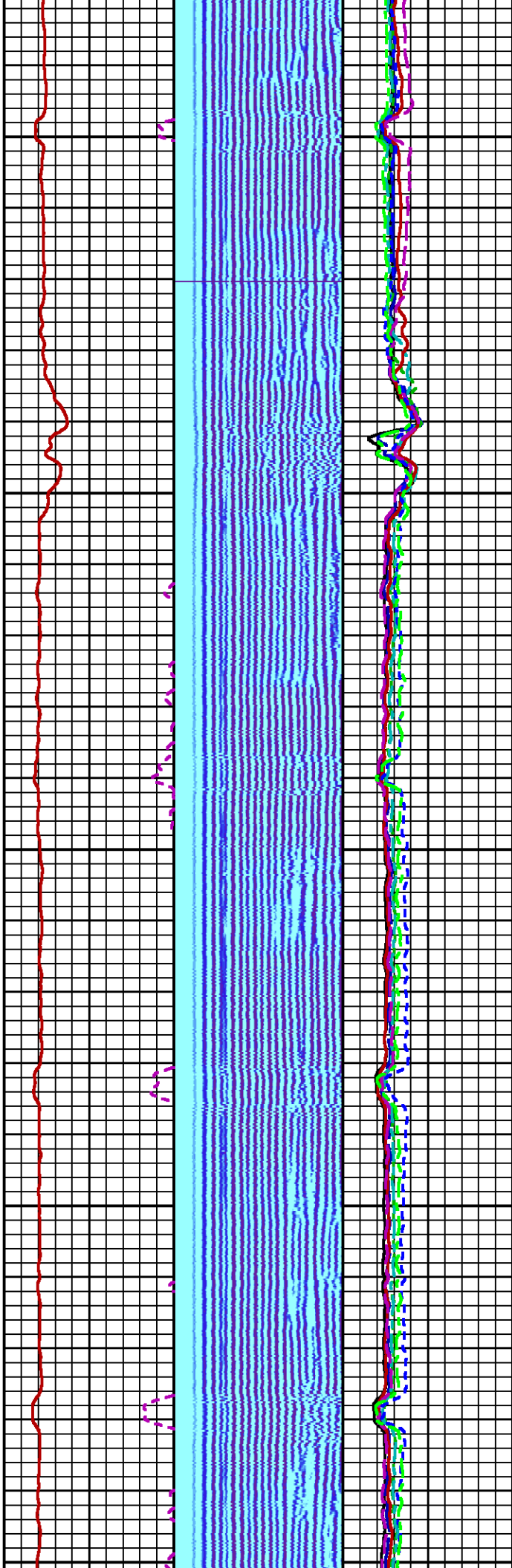
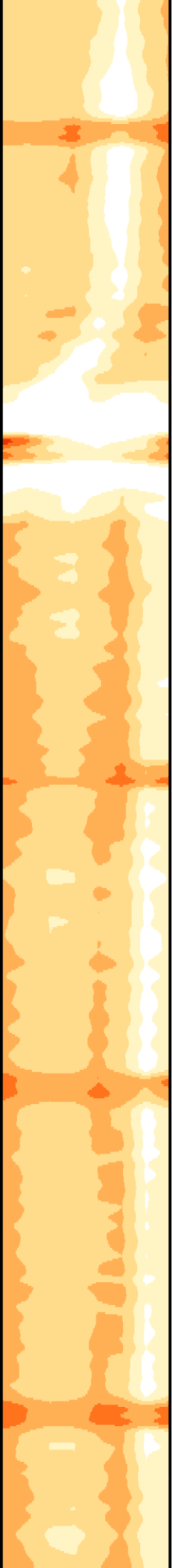
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Plot Interval	: 4 - 13130.5 Feet
Data File 1	: F1 : HL6670:/dat1a/CH088114/MAIN_RDR.xtf
Created On	: Jul 5 10:00:12 2014
Company	: WPX ENERGY INC
Well	: PUCKETT LAND COMPANY PA 744-26
Field	: GRAND VALLEY
File Interval	: 3 - 13131.8 Feet
OCT	: n012e

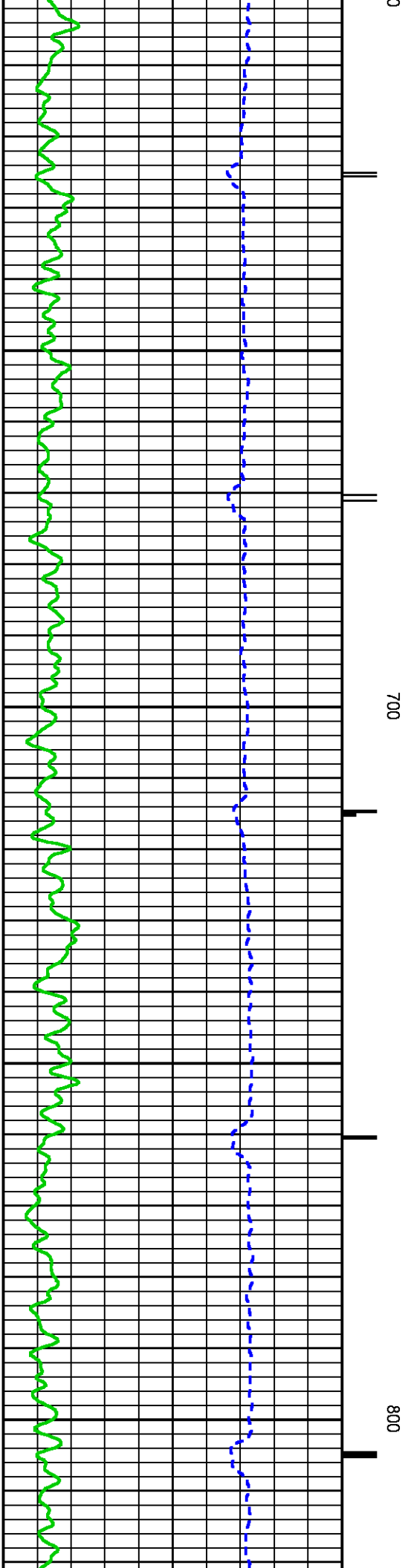
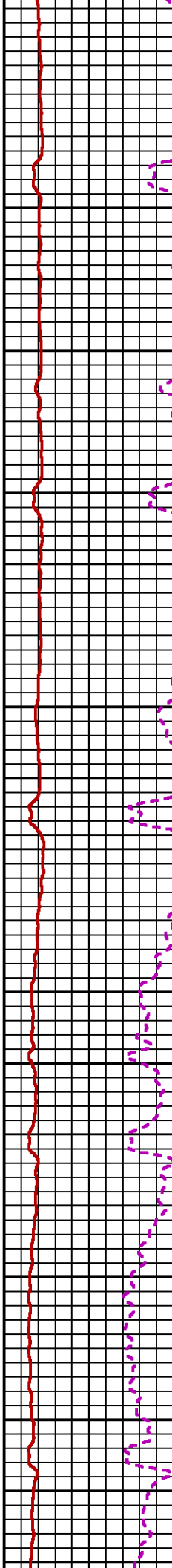
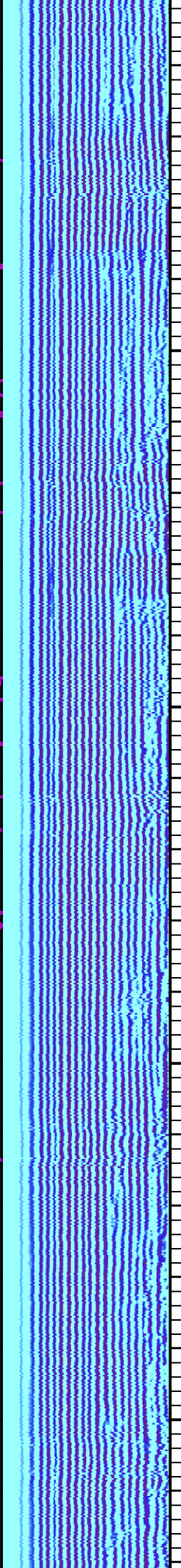
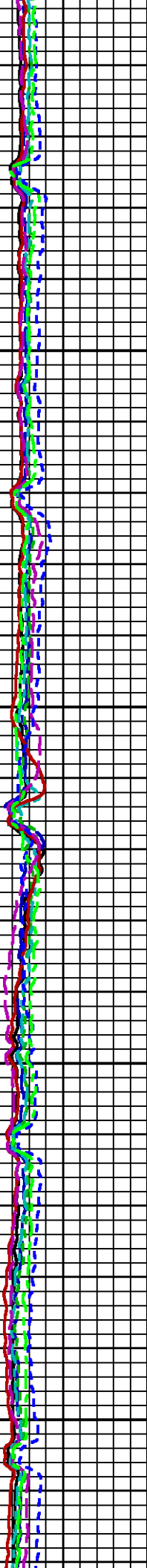
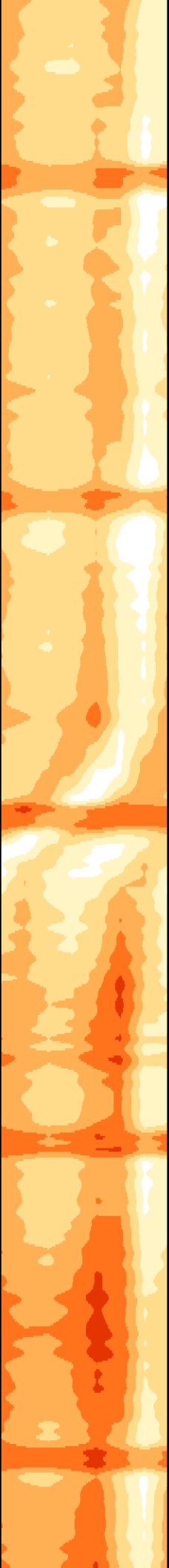




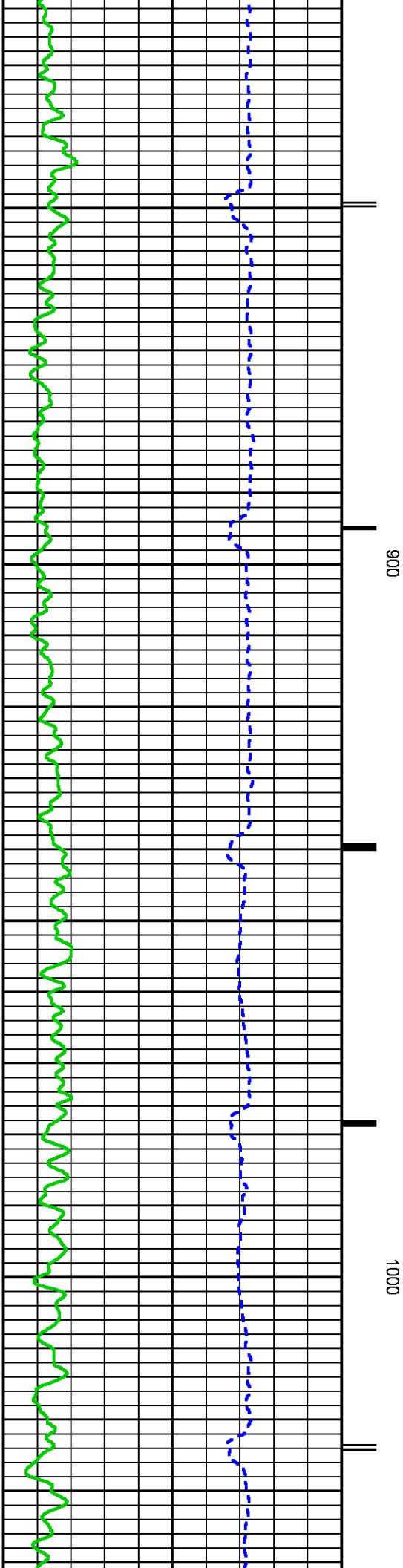
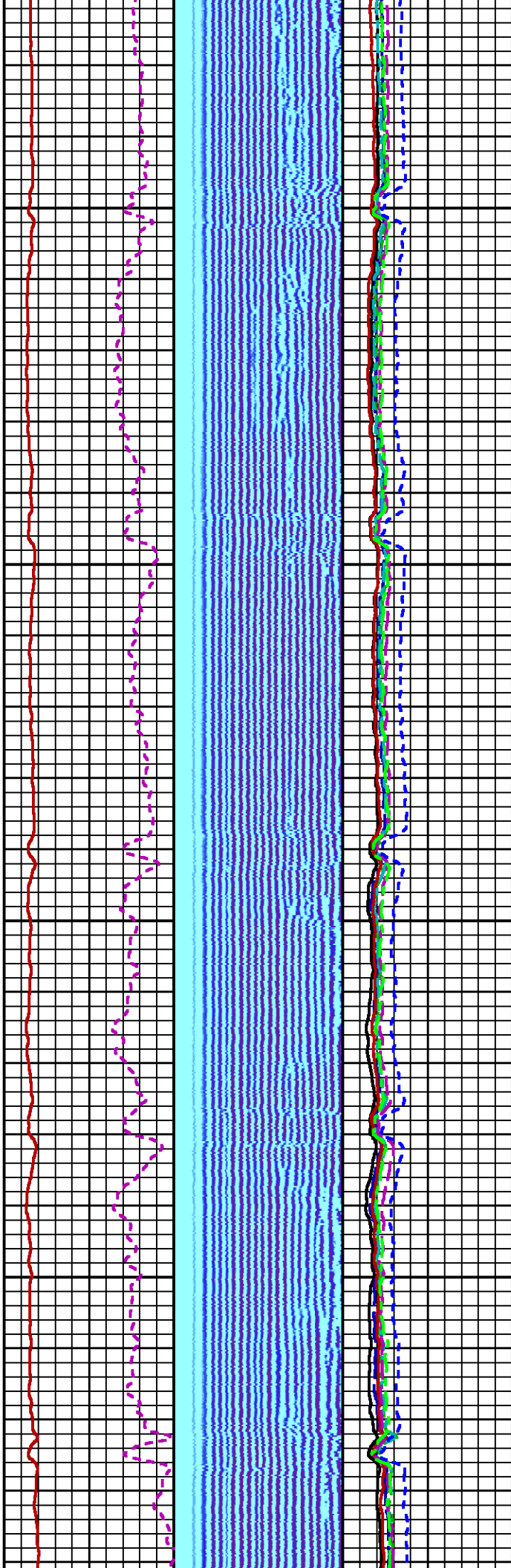
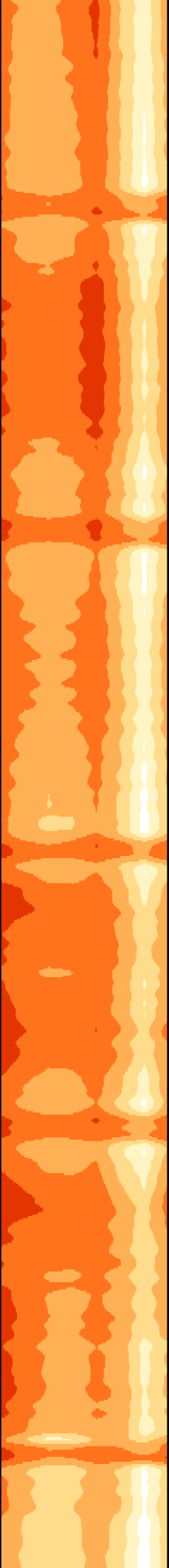


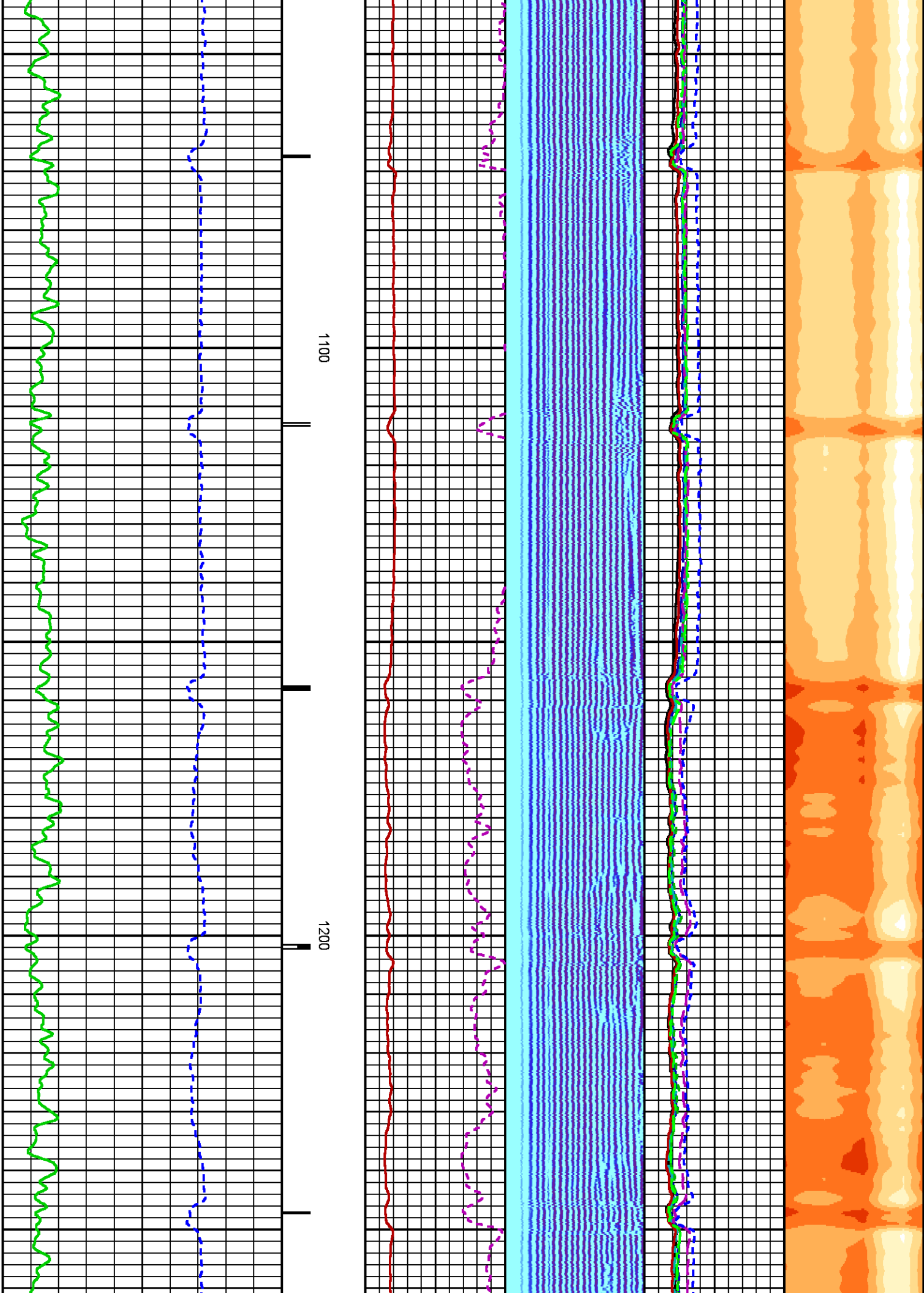


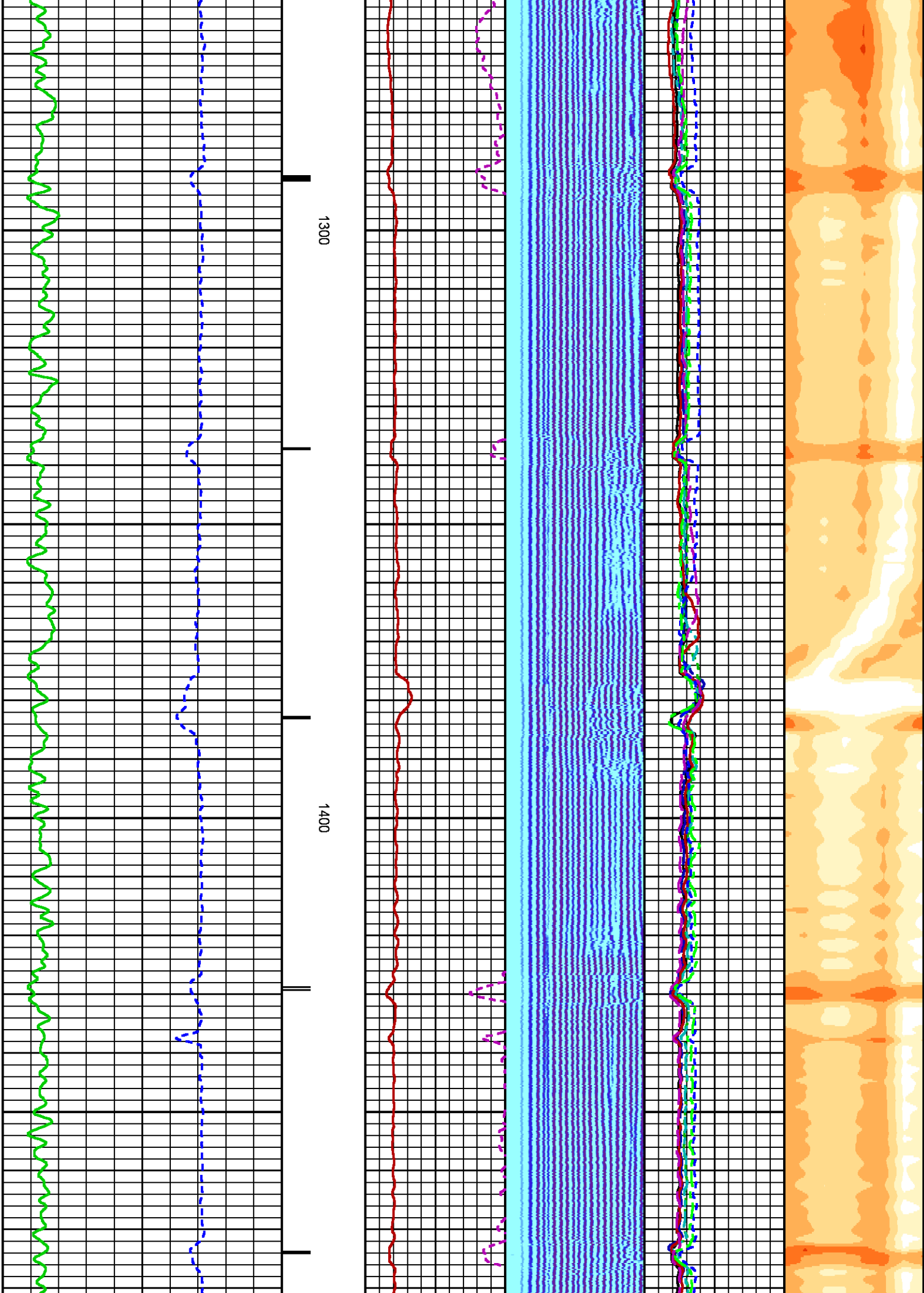


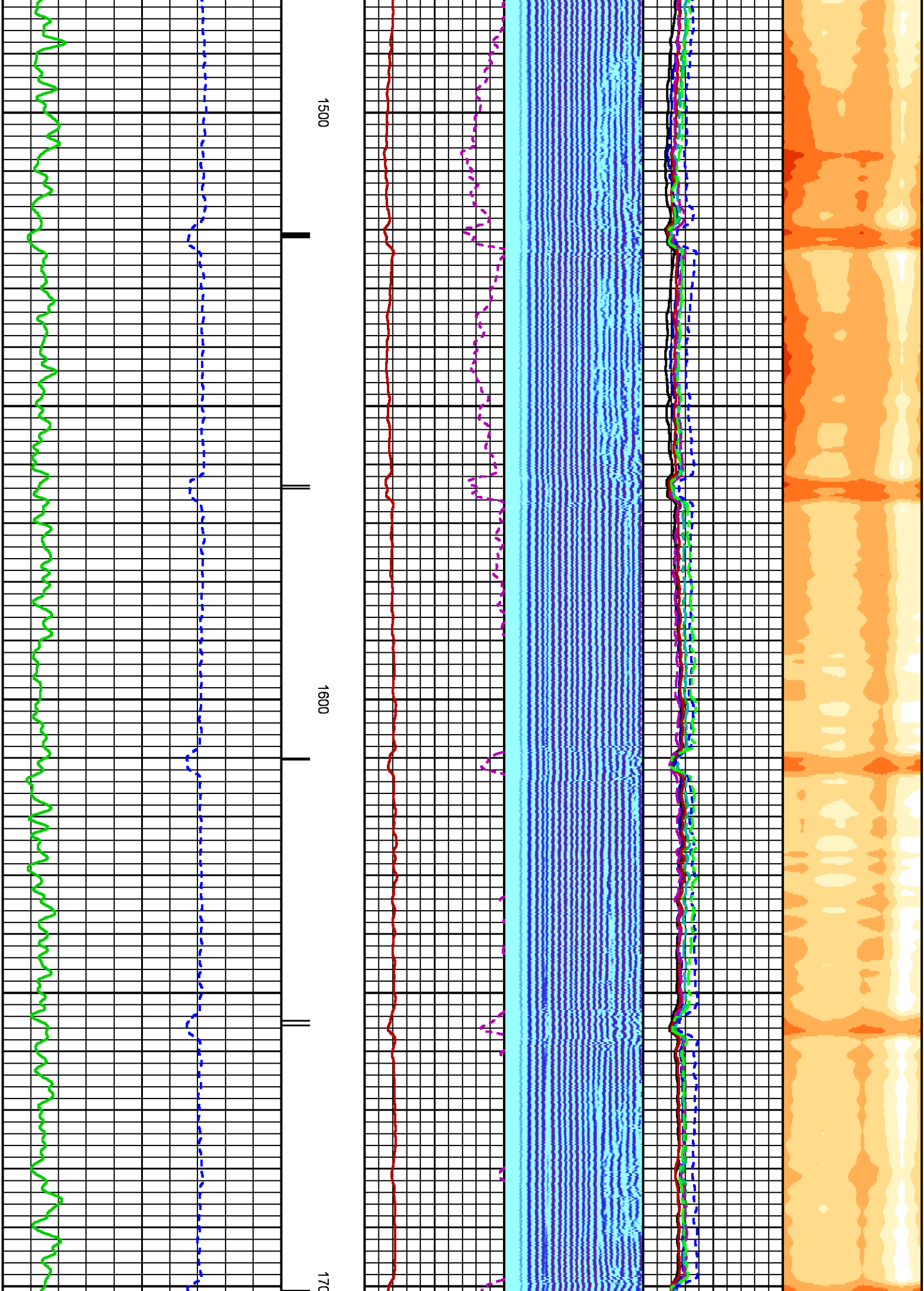




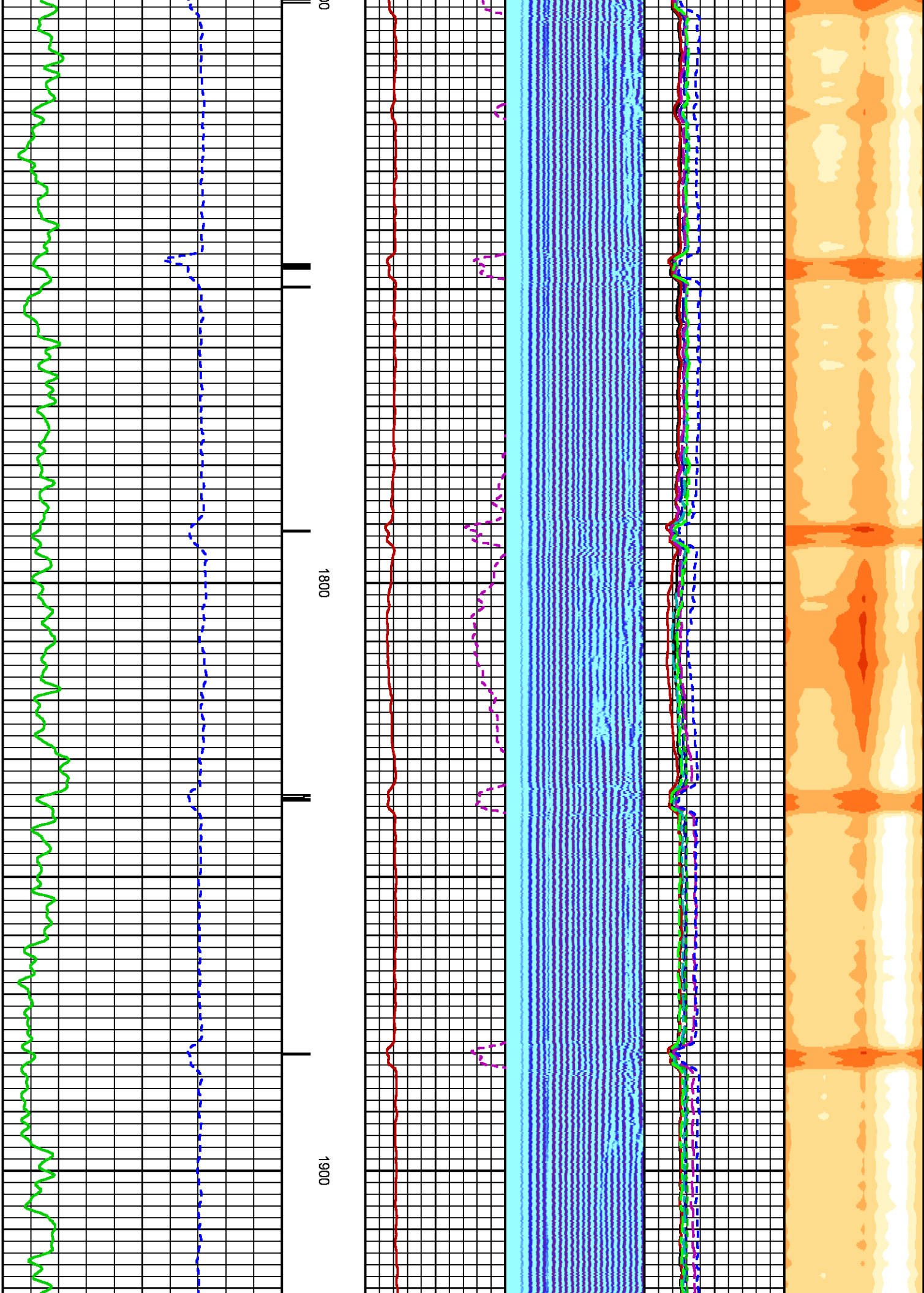


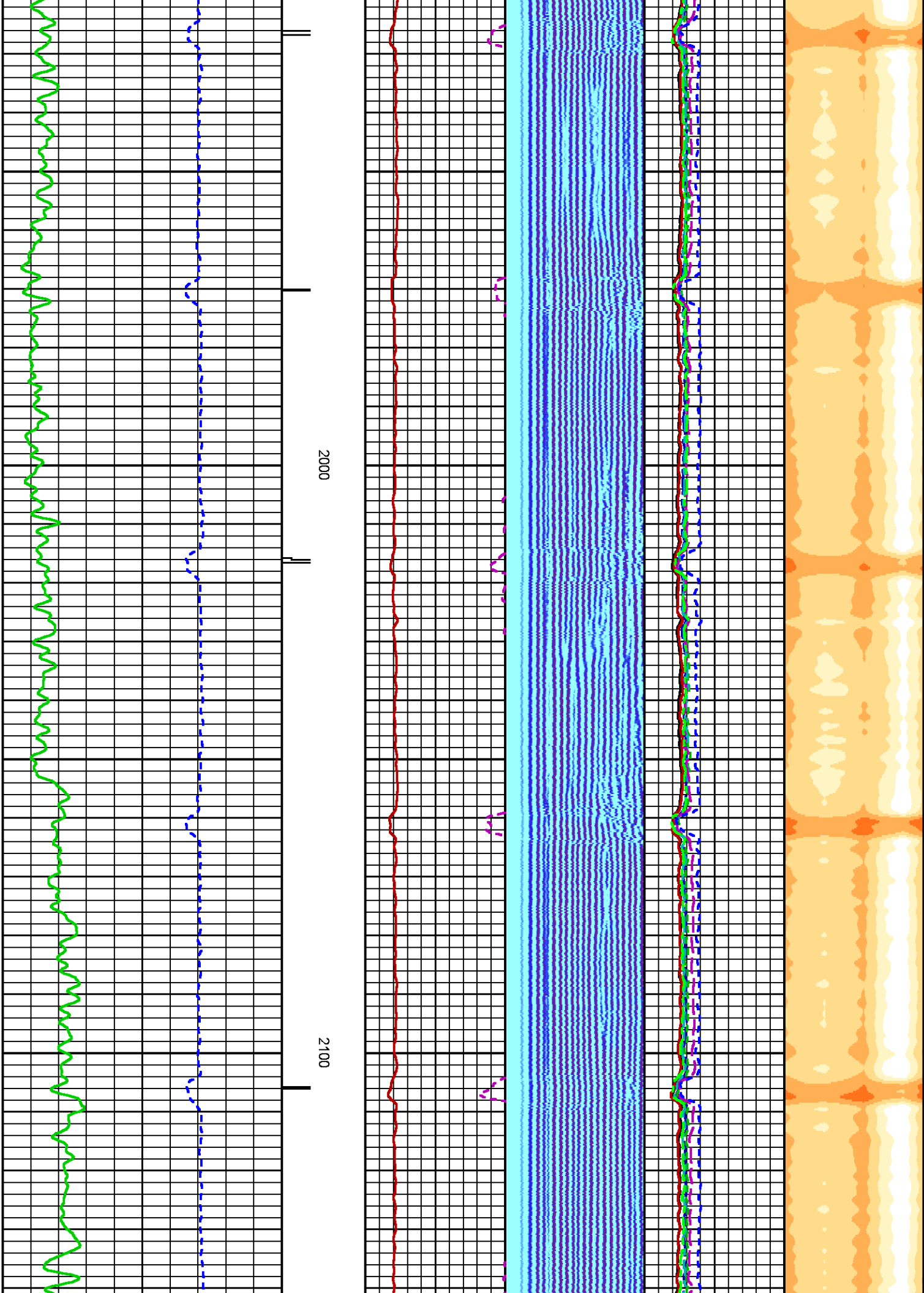


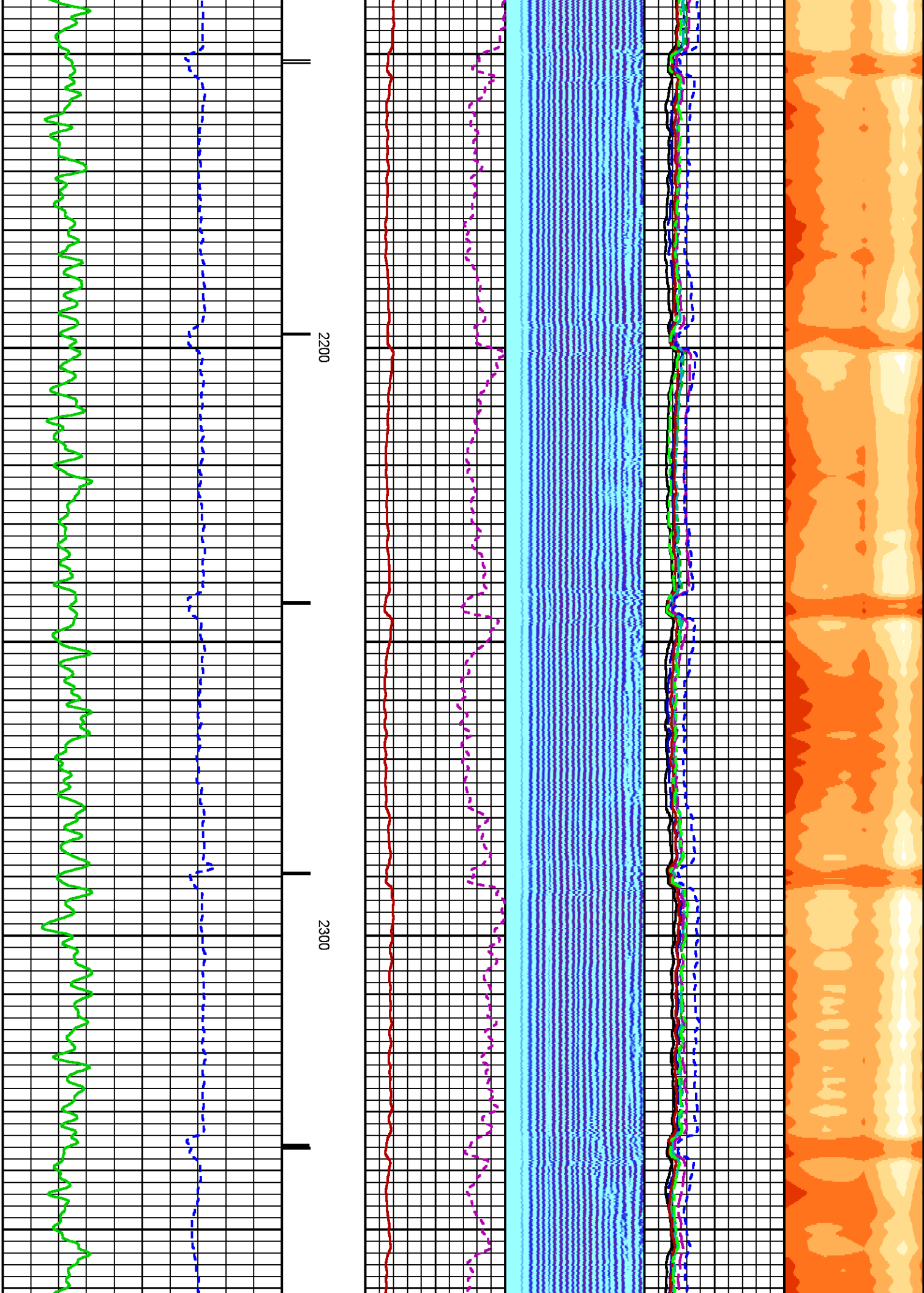


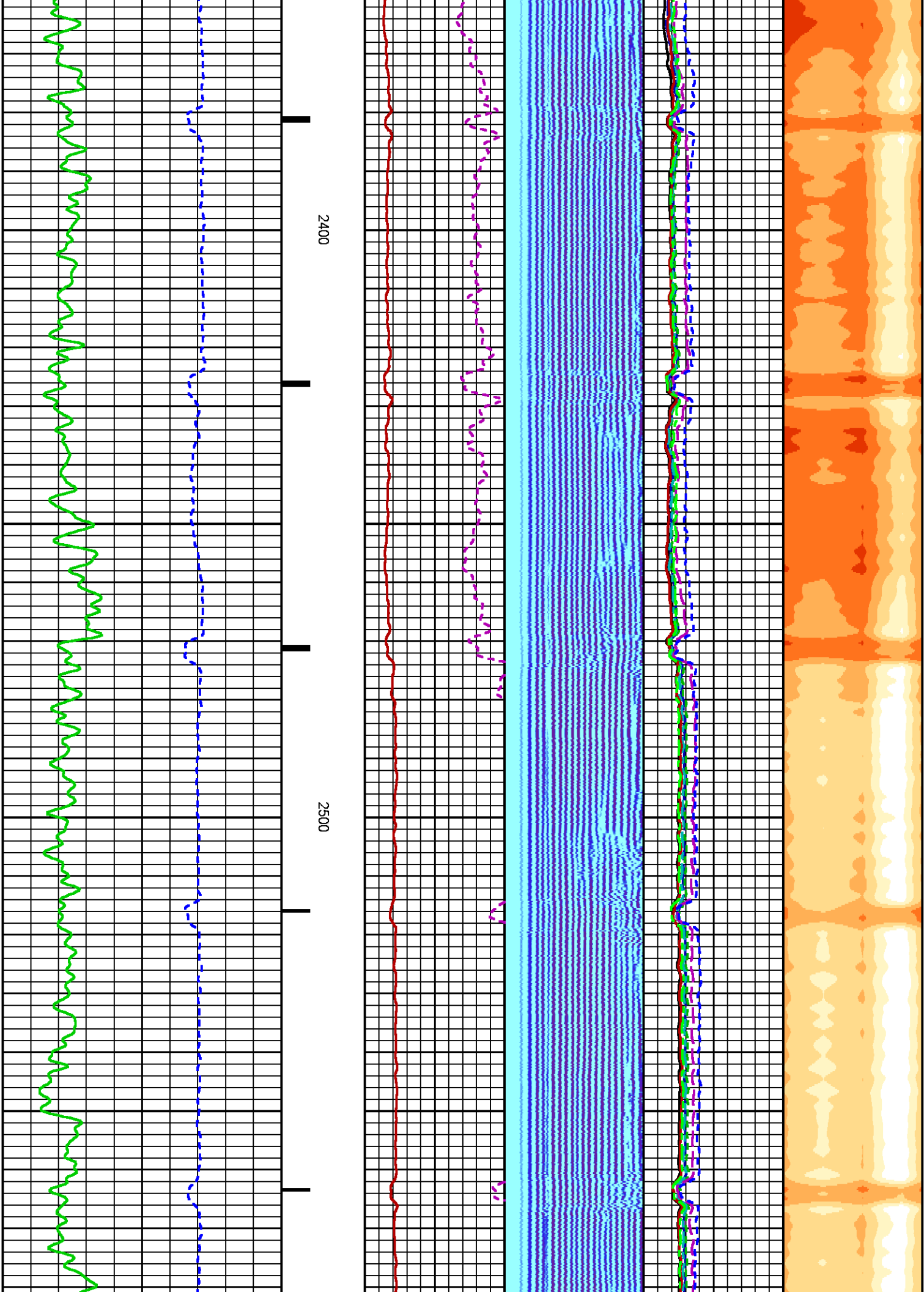




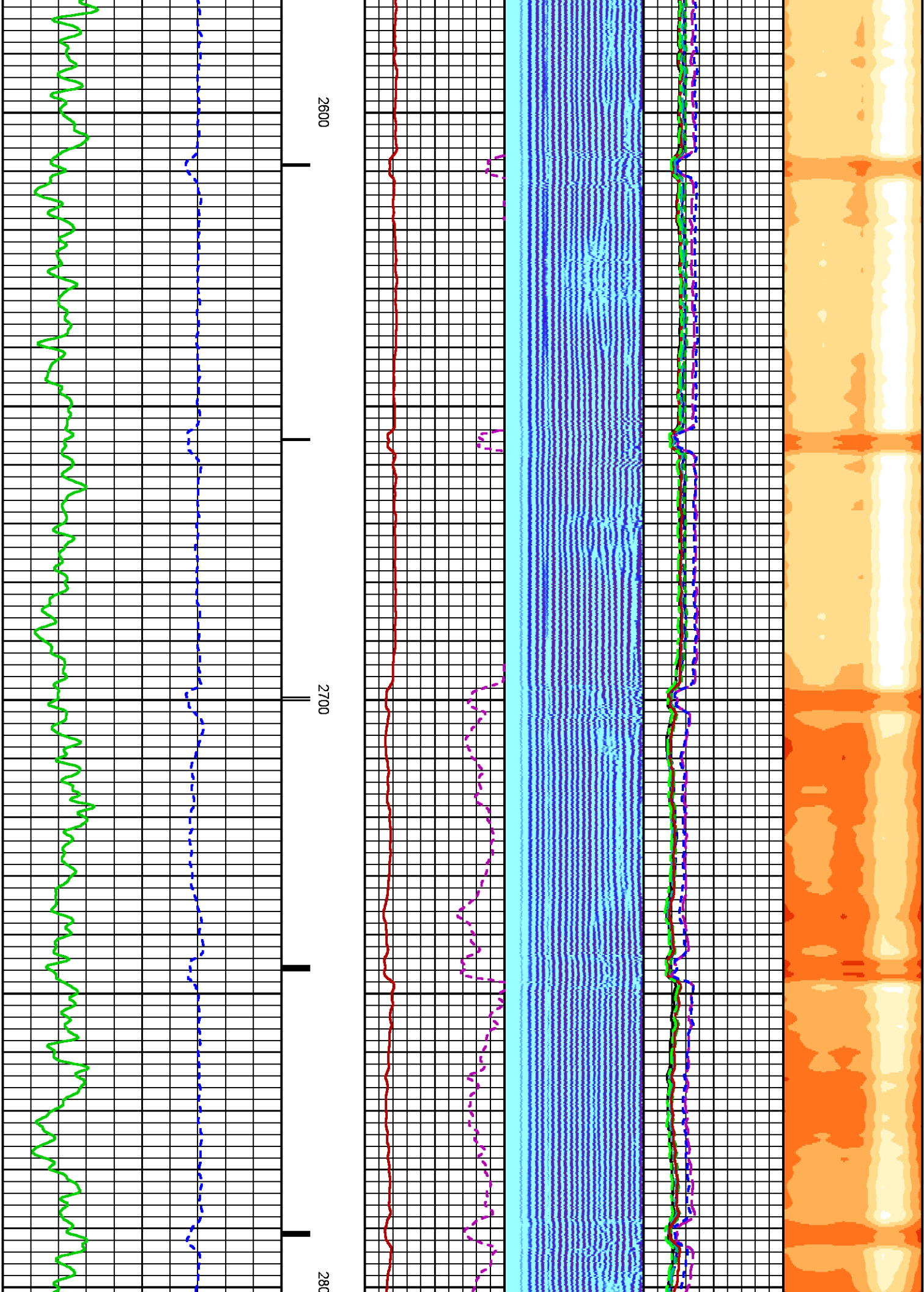


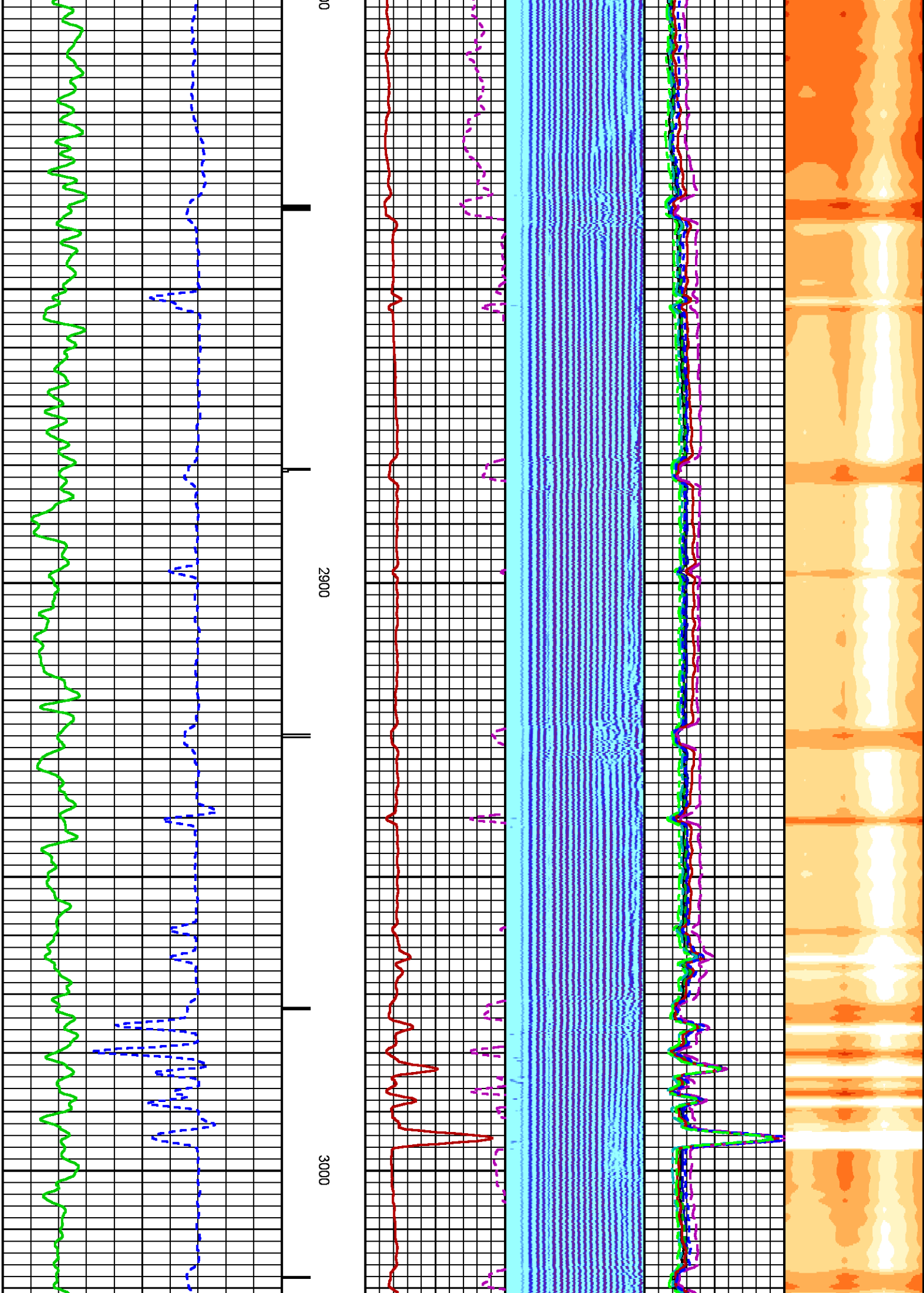


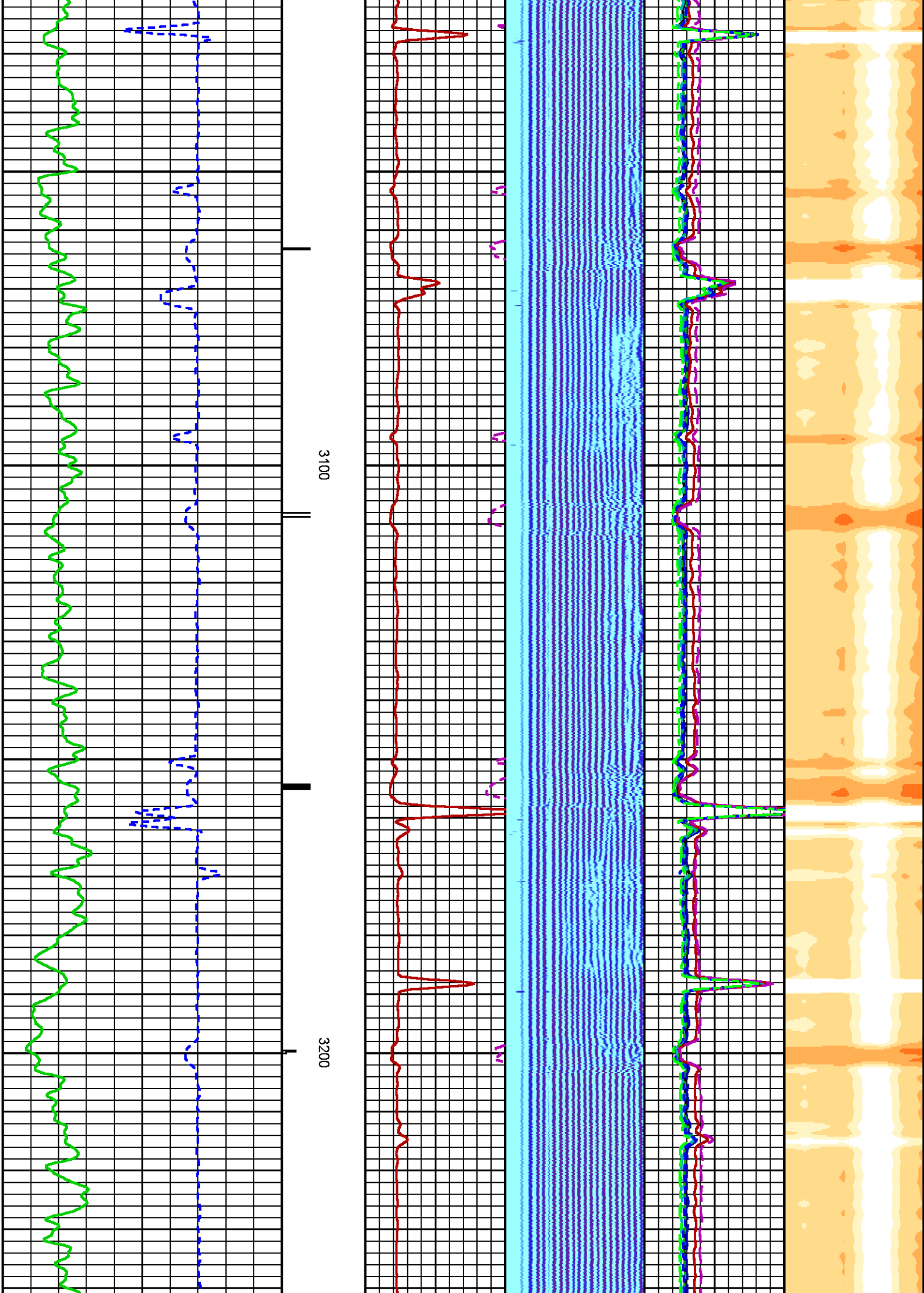


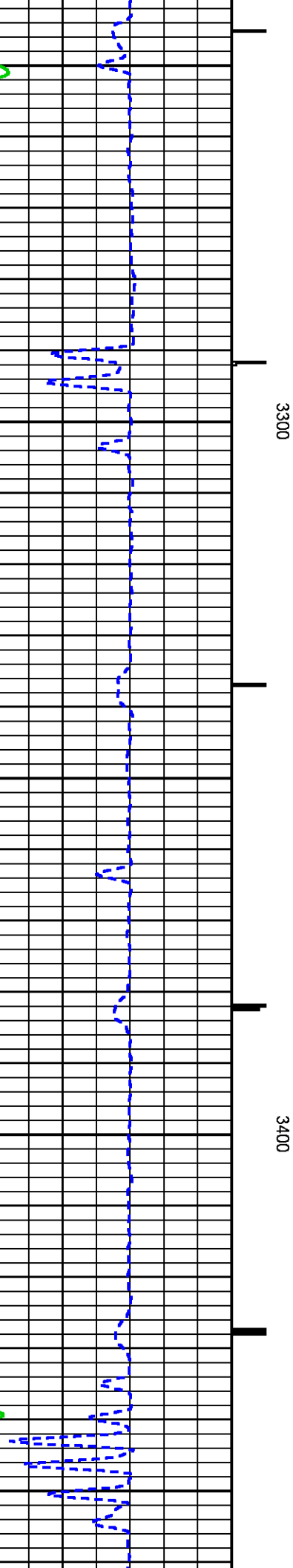
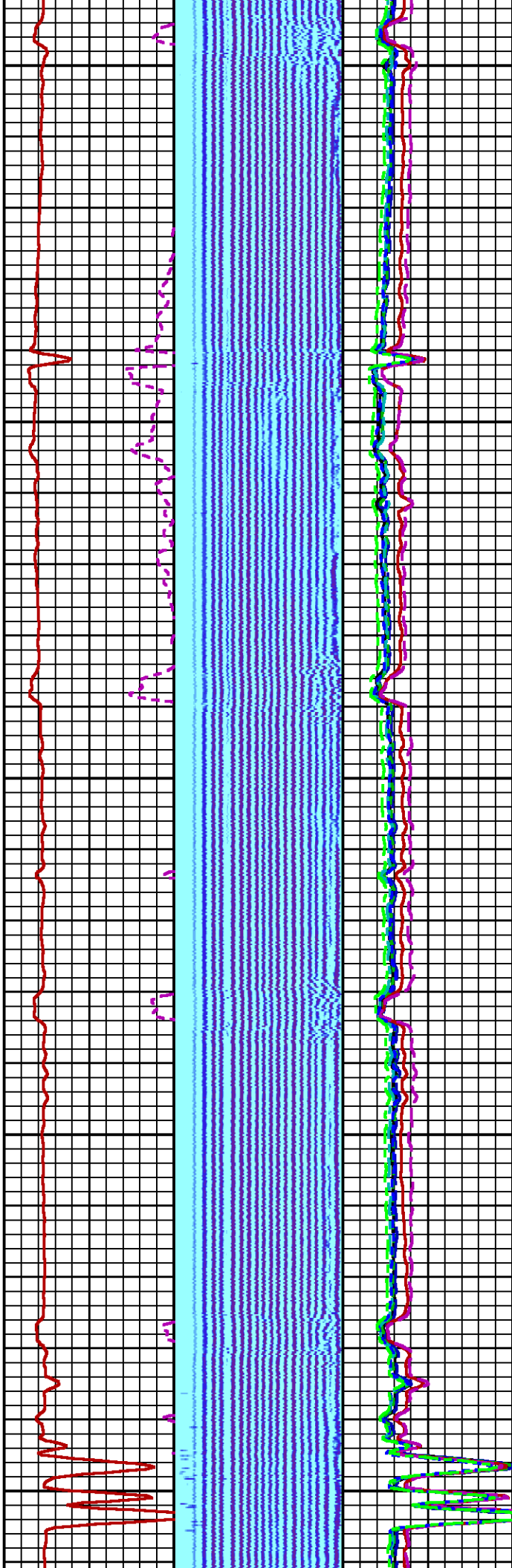
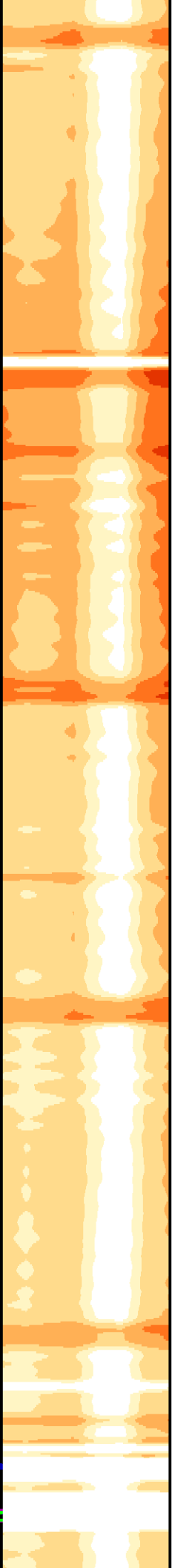








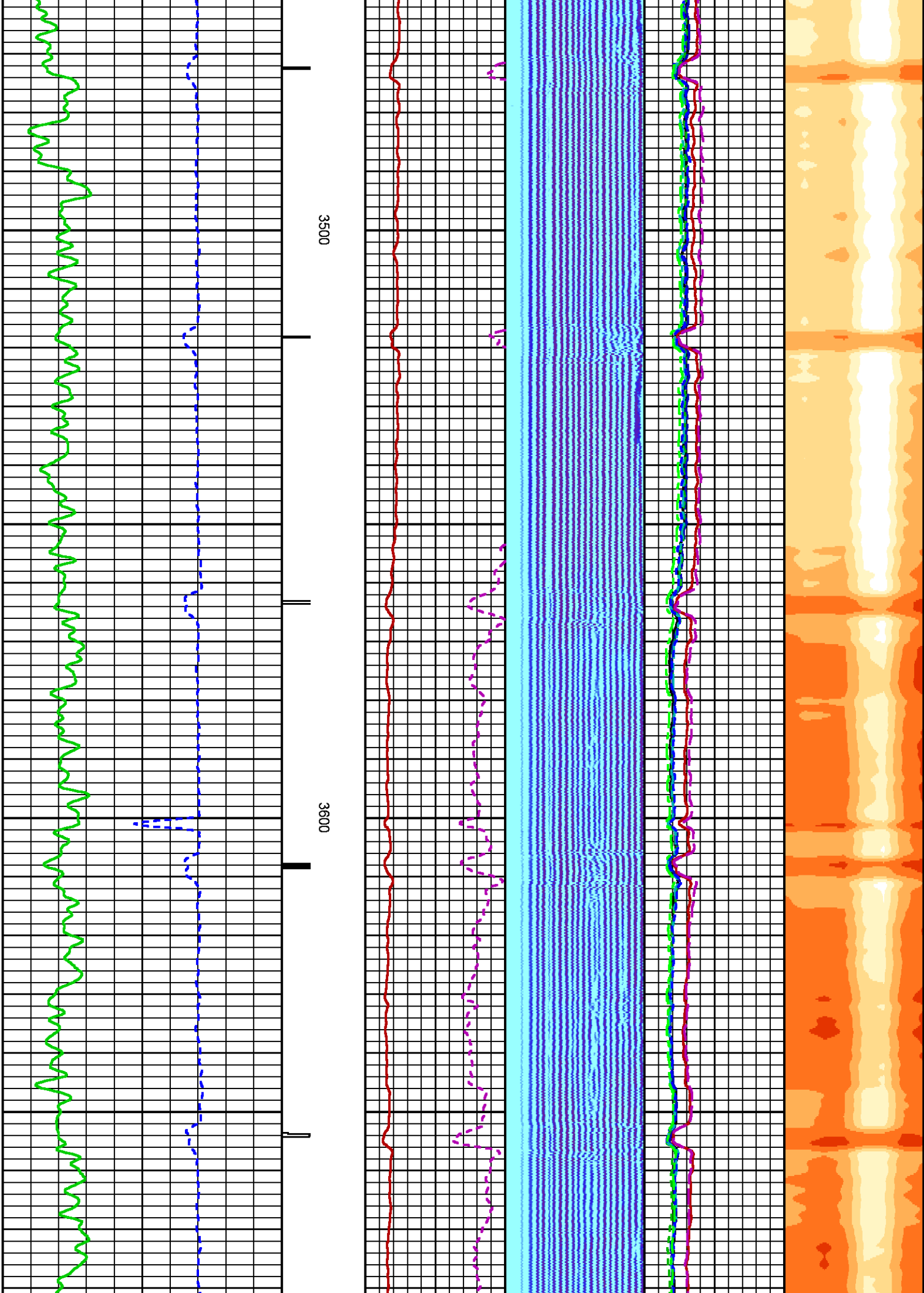


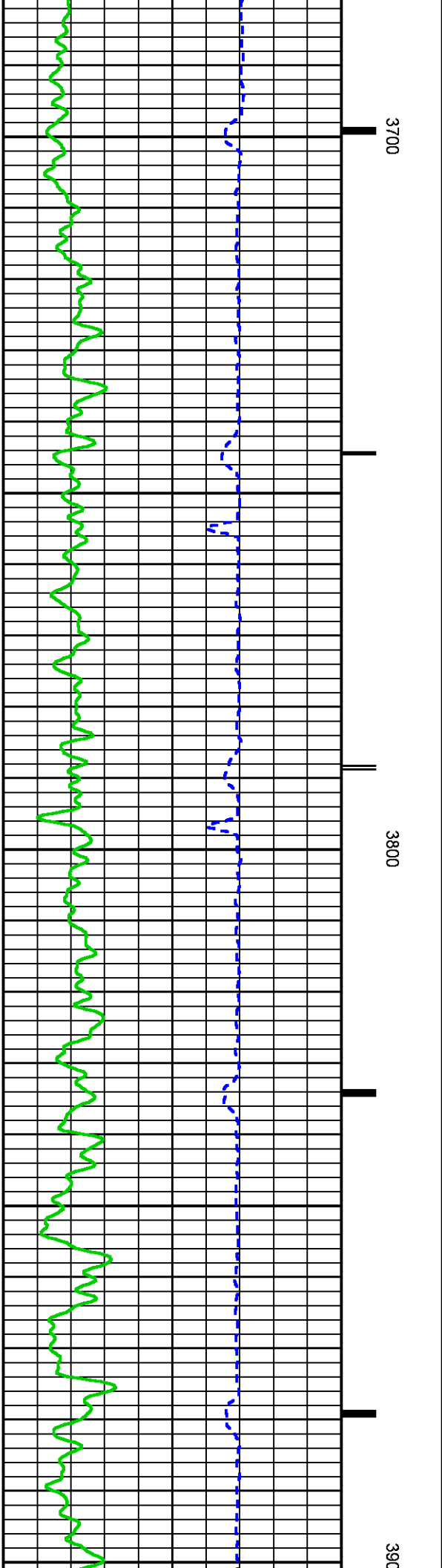
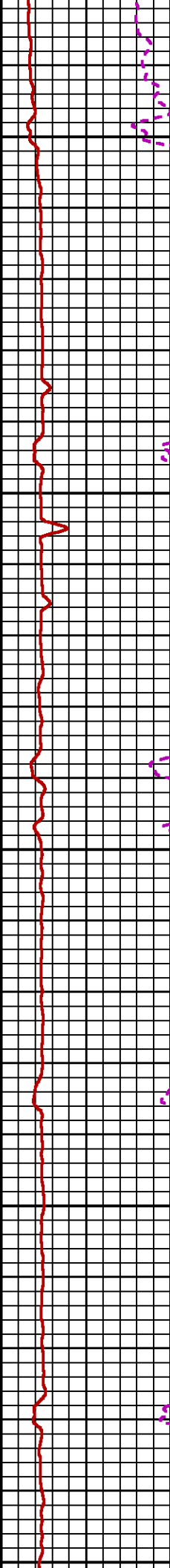
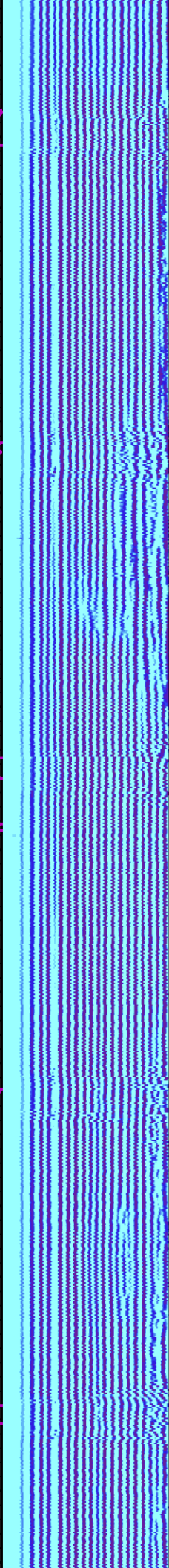
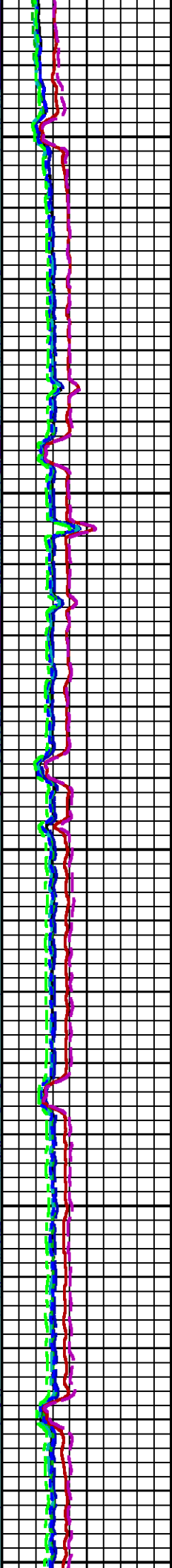
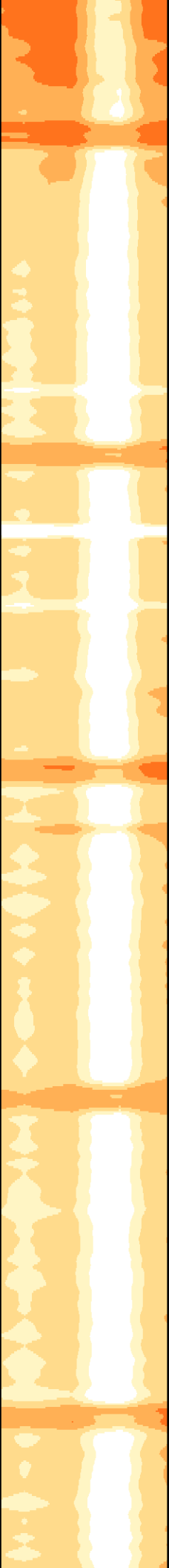


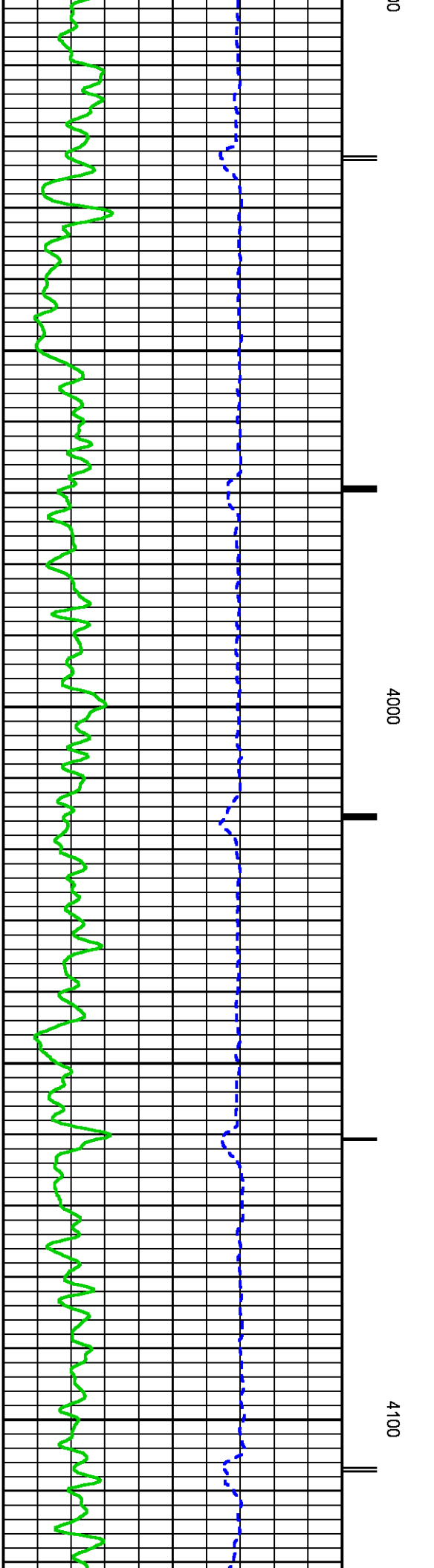
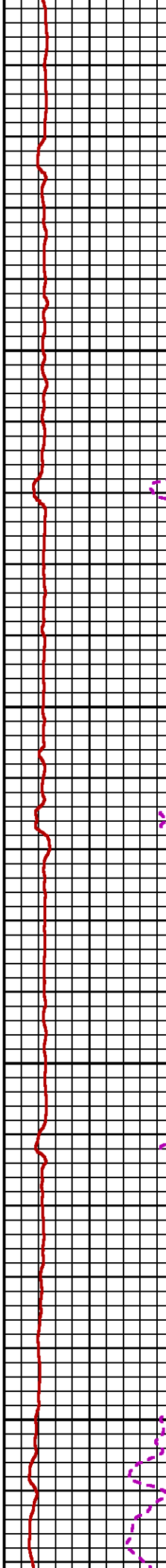
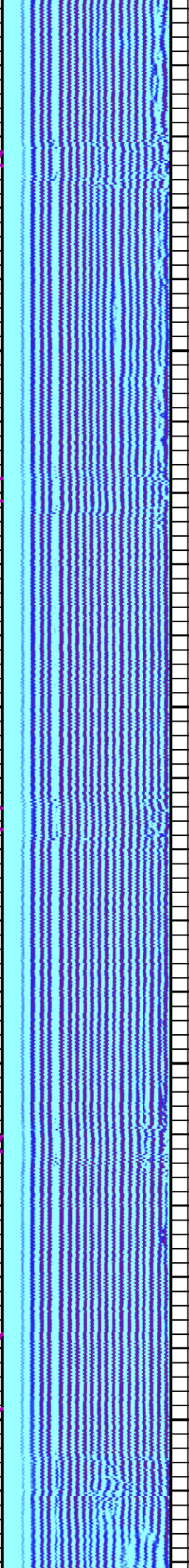
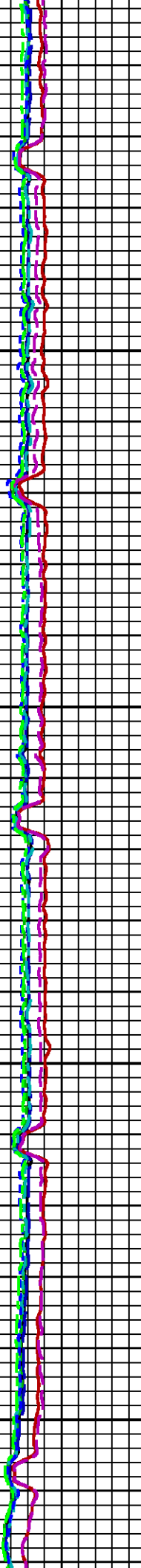
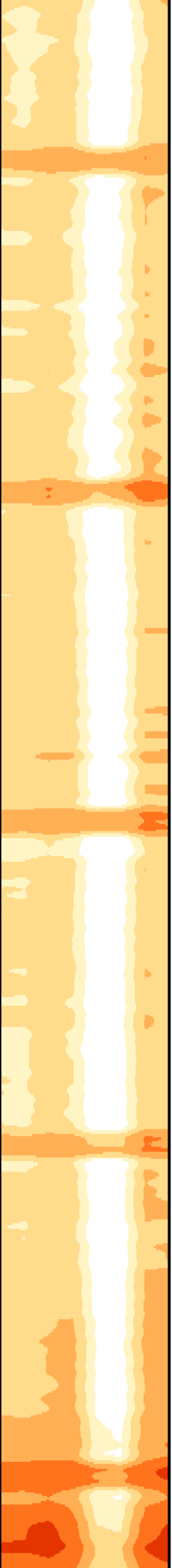
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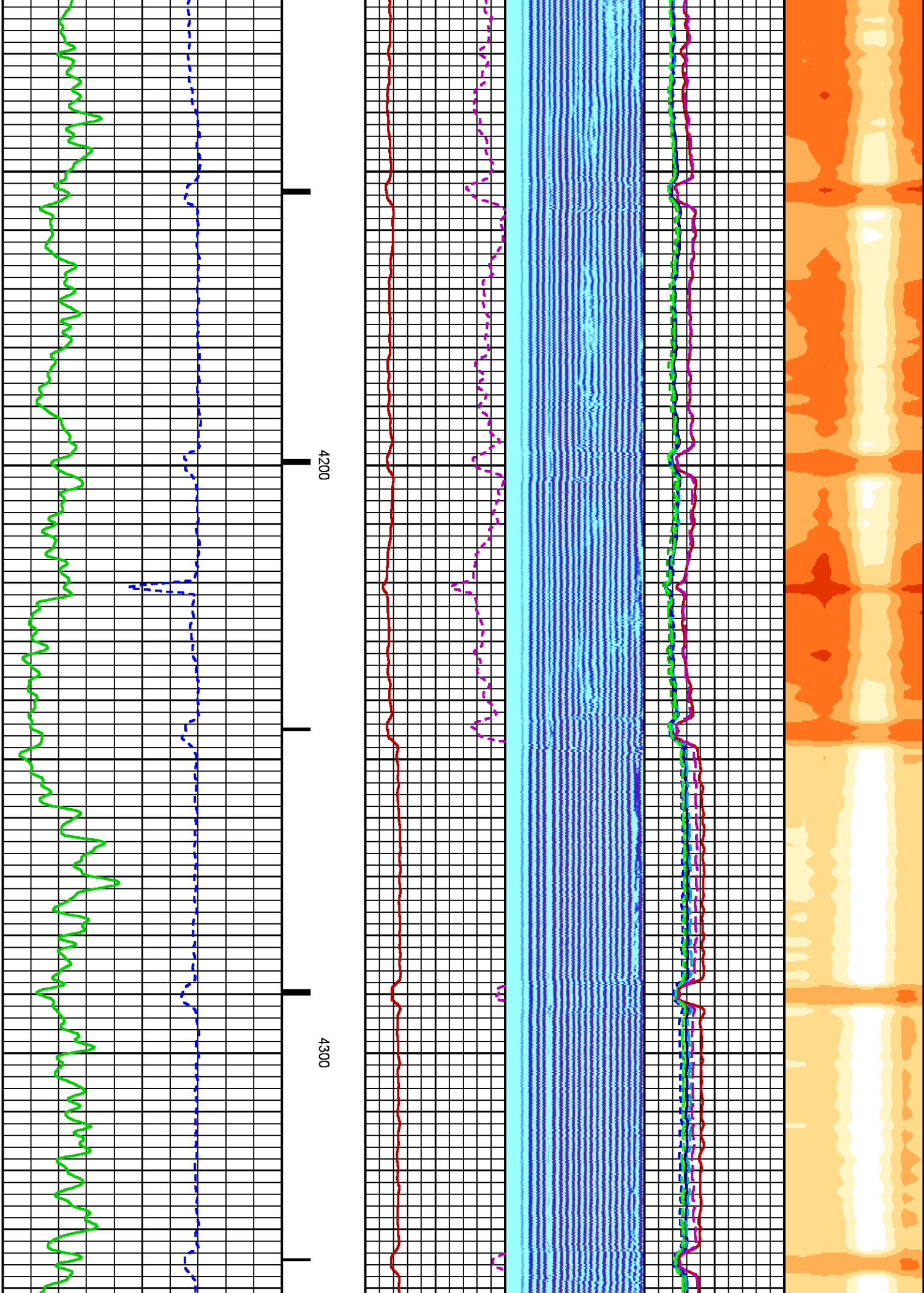
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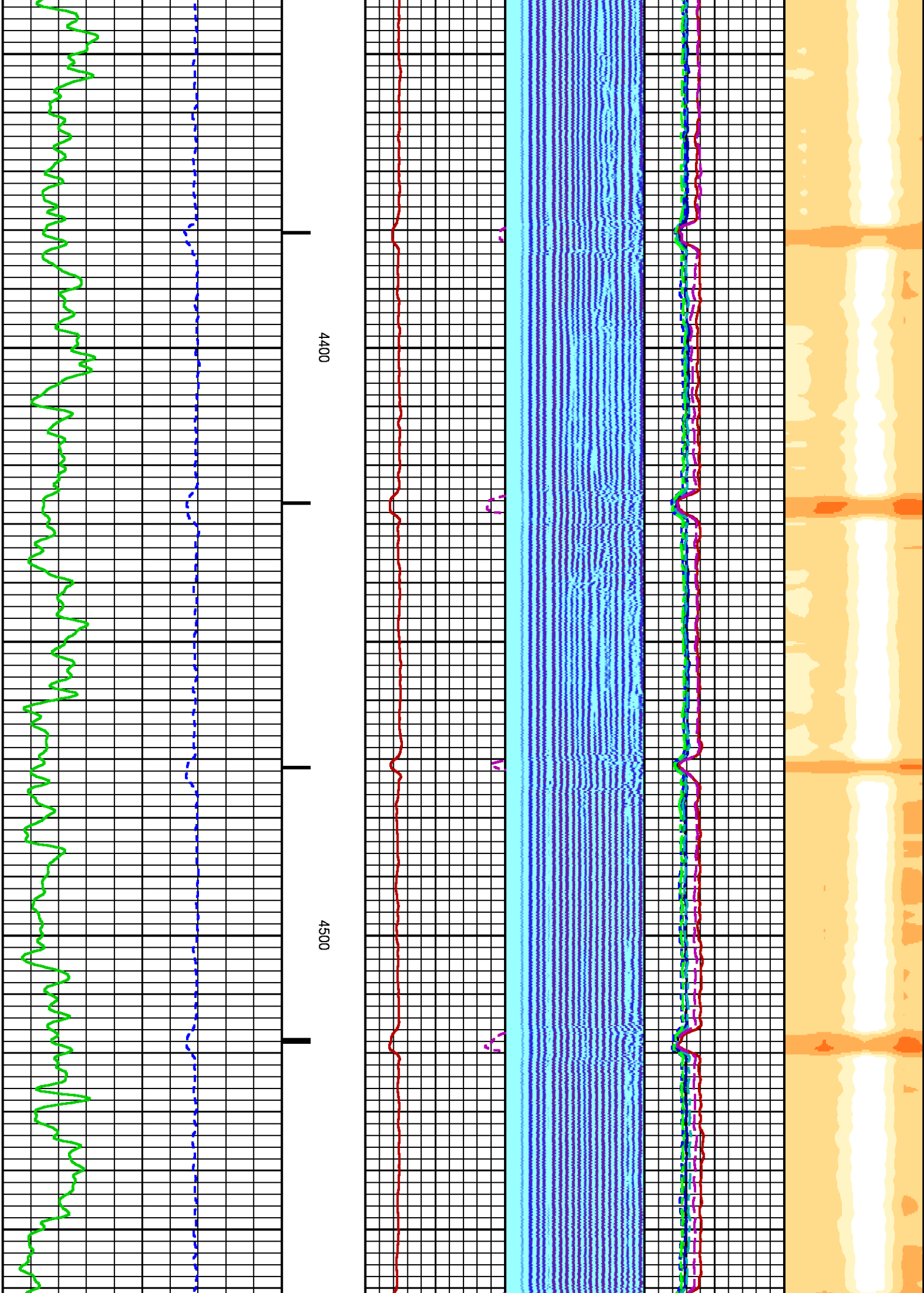


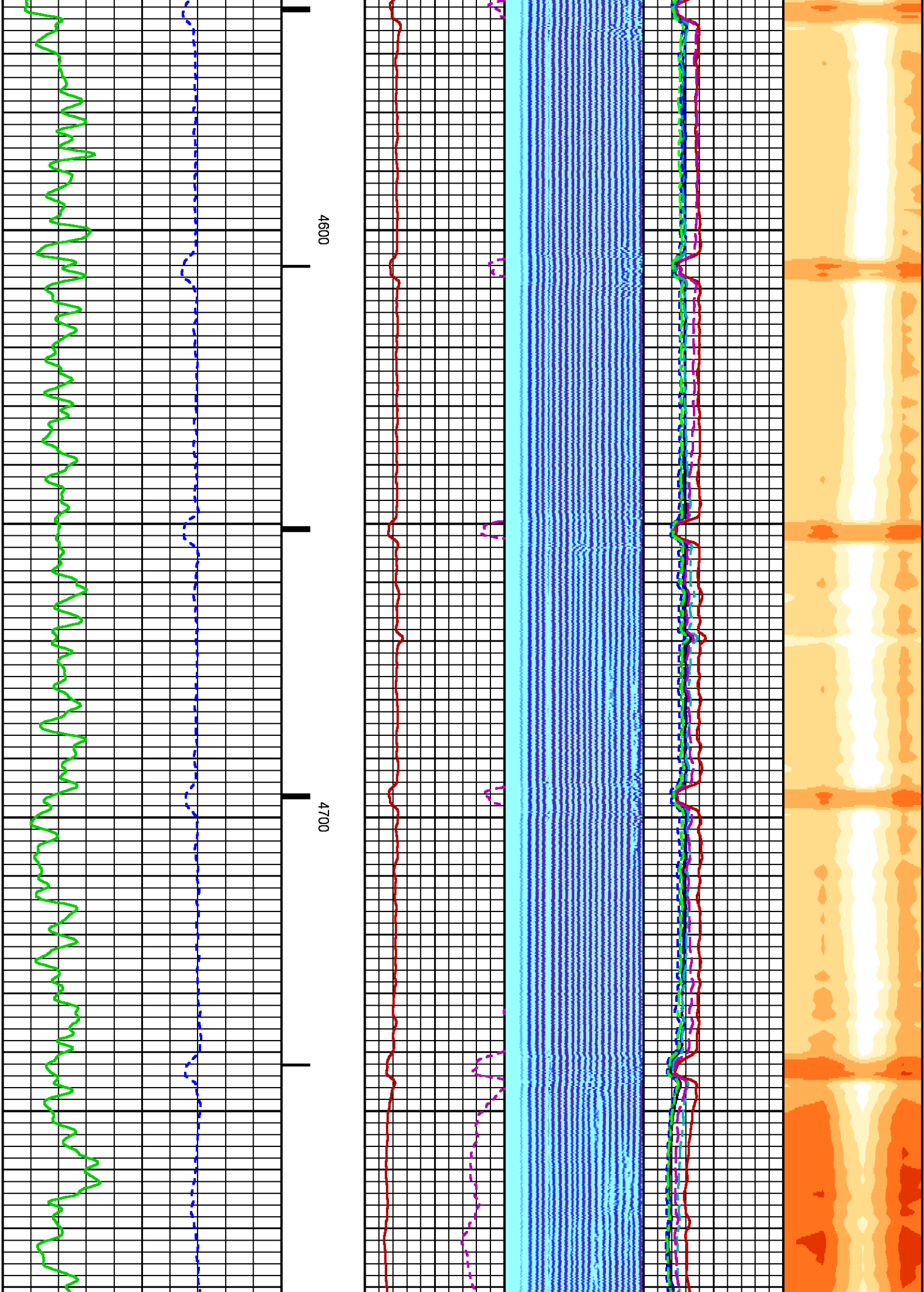


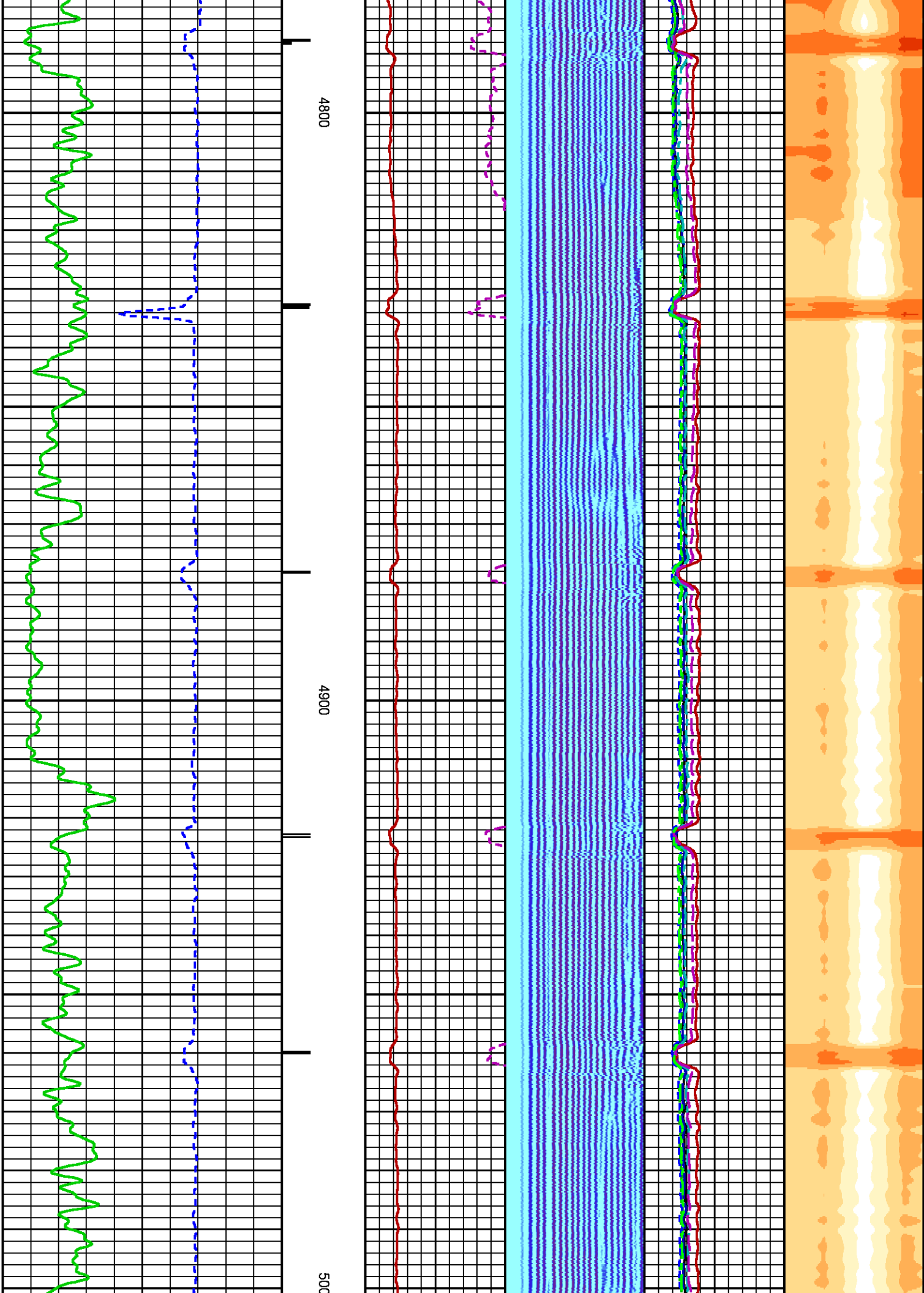


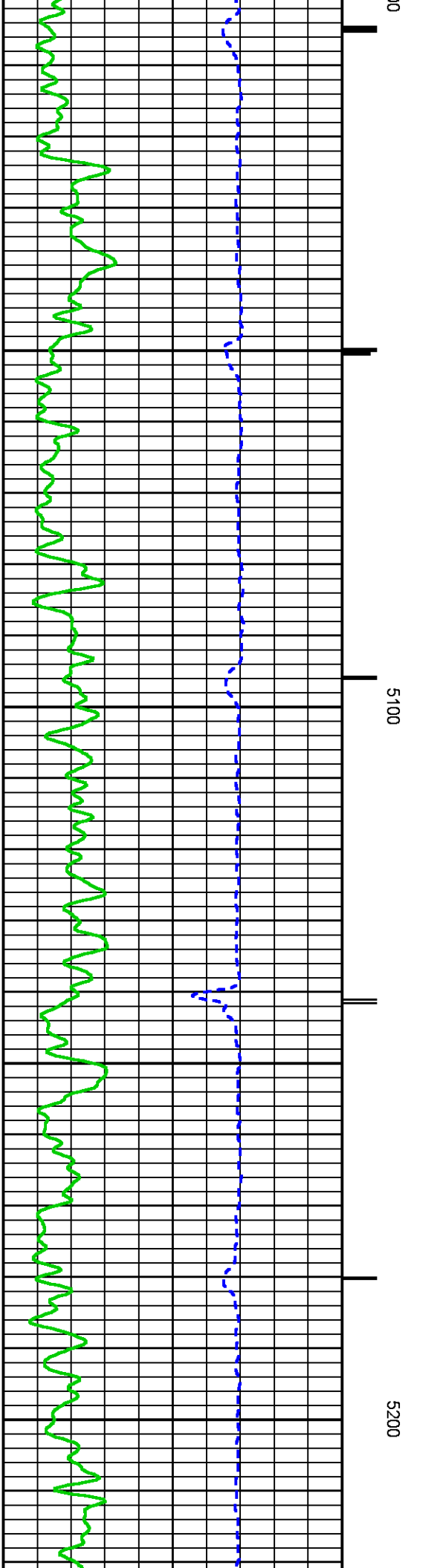
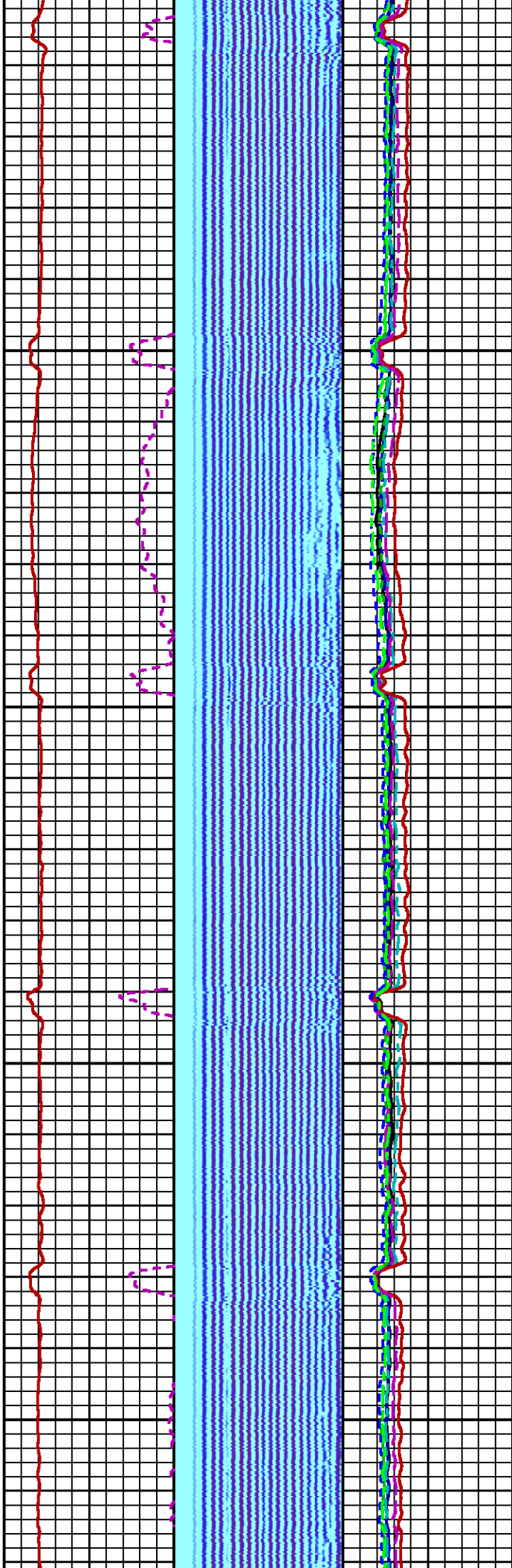
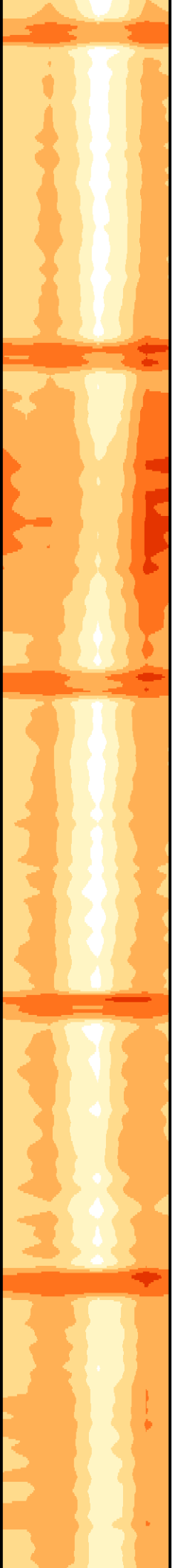




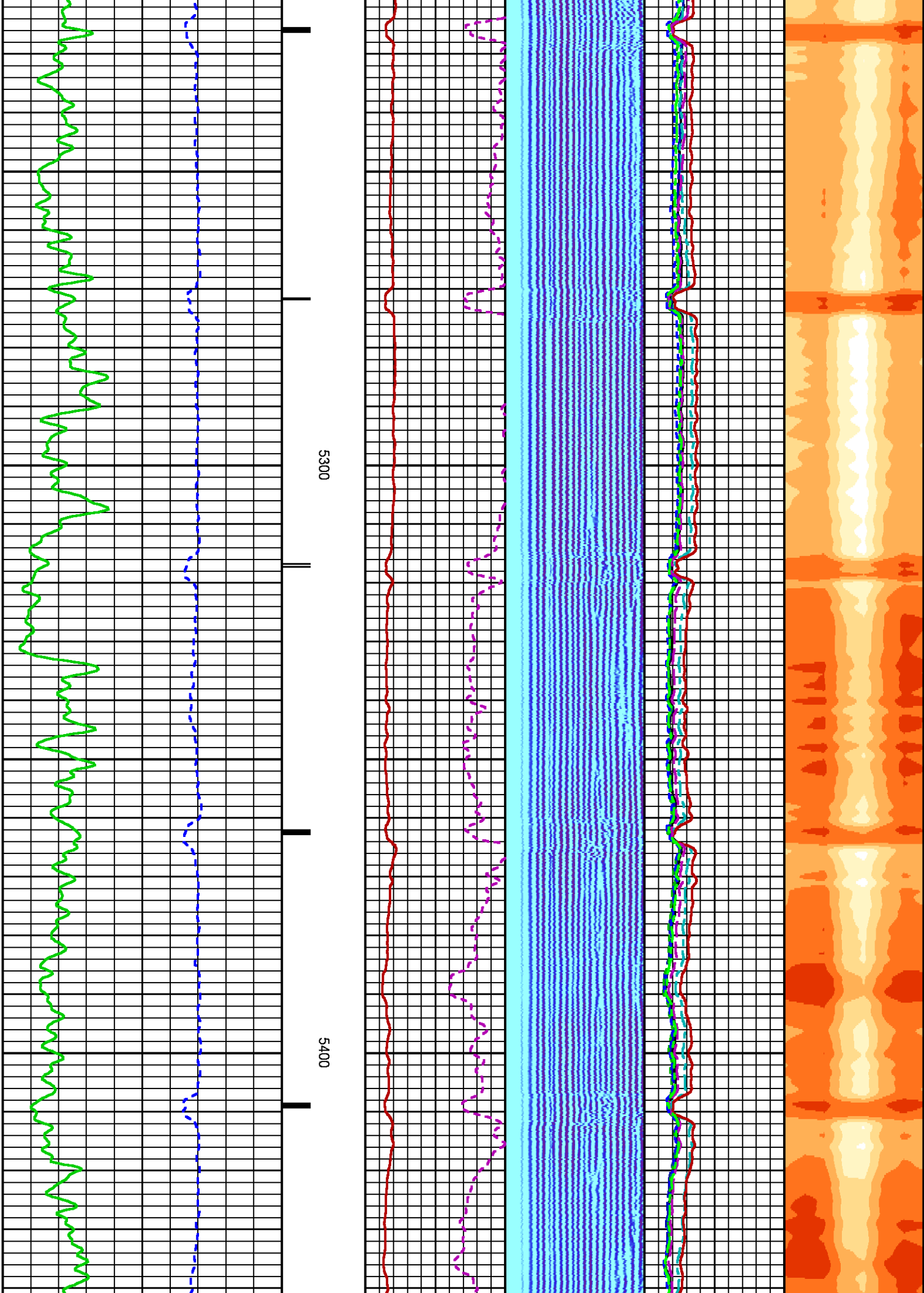


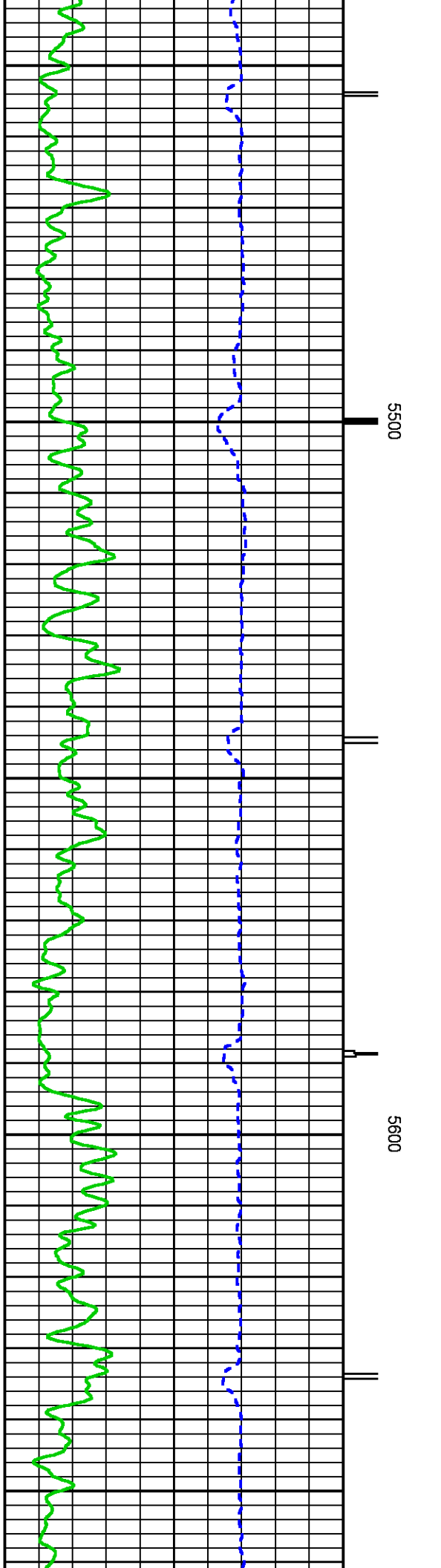
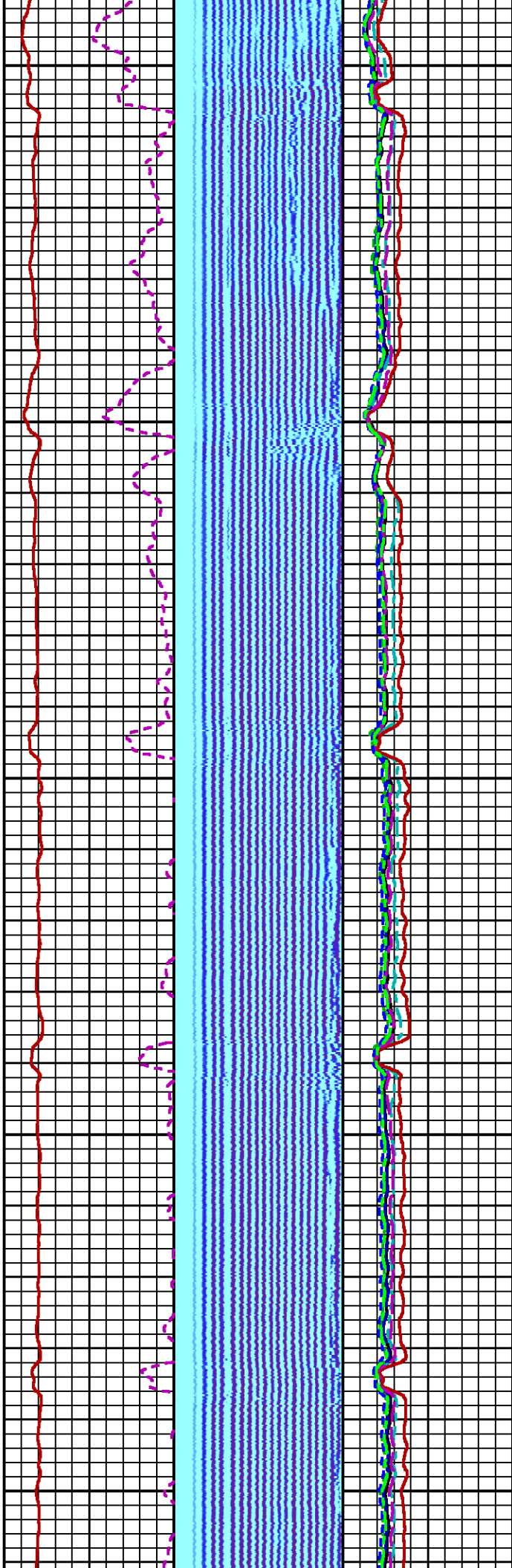
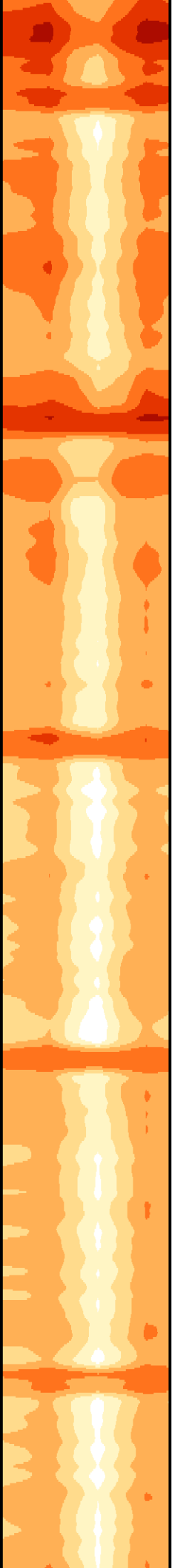


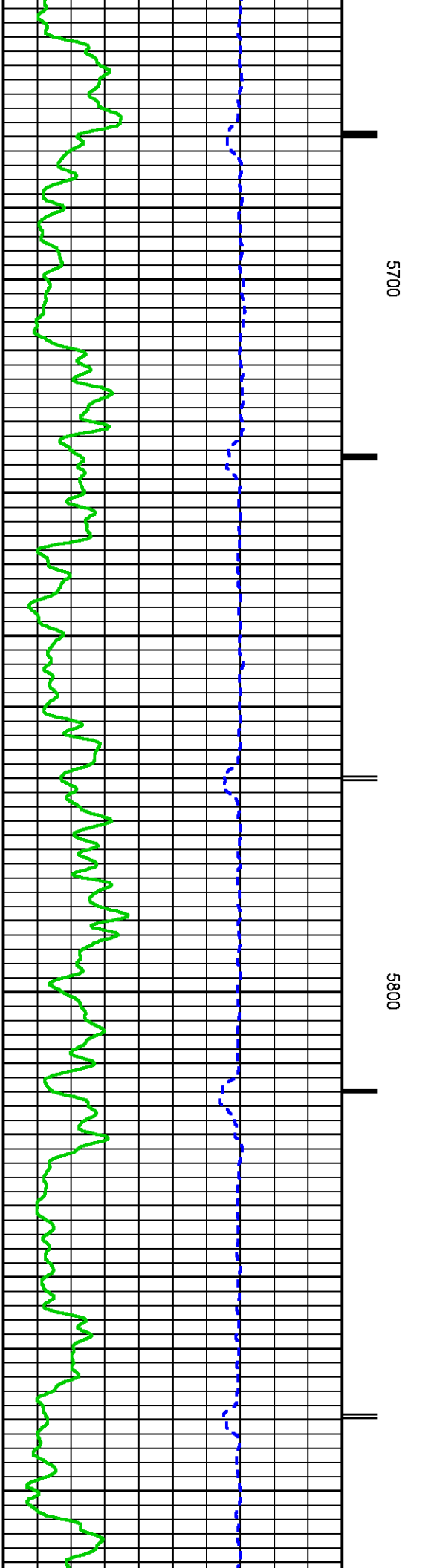
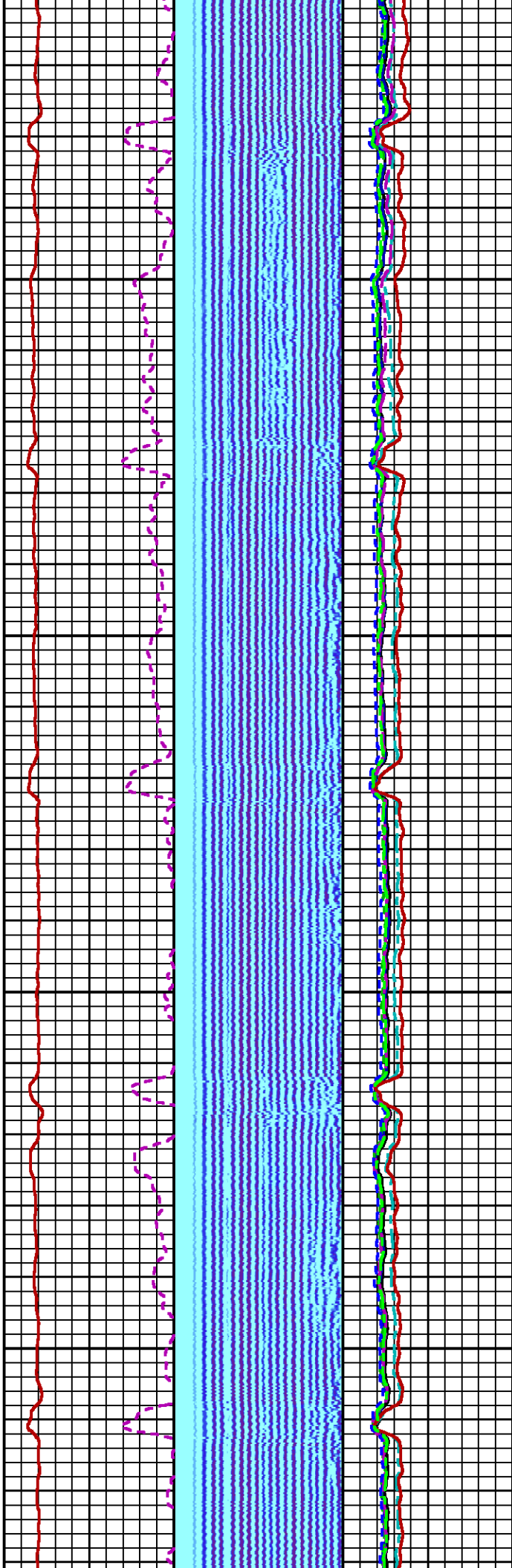
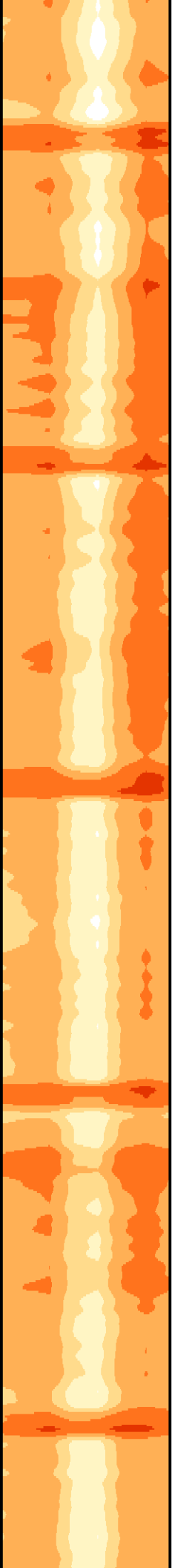


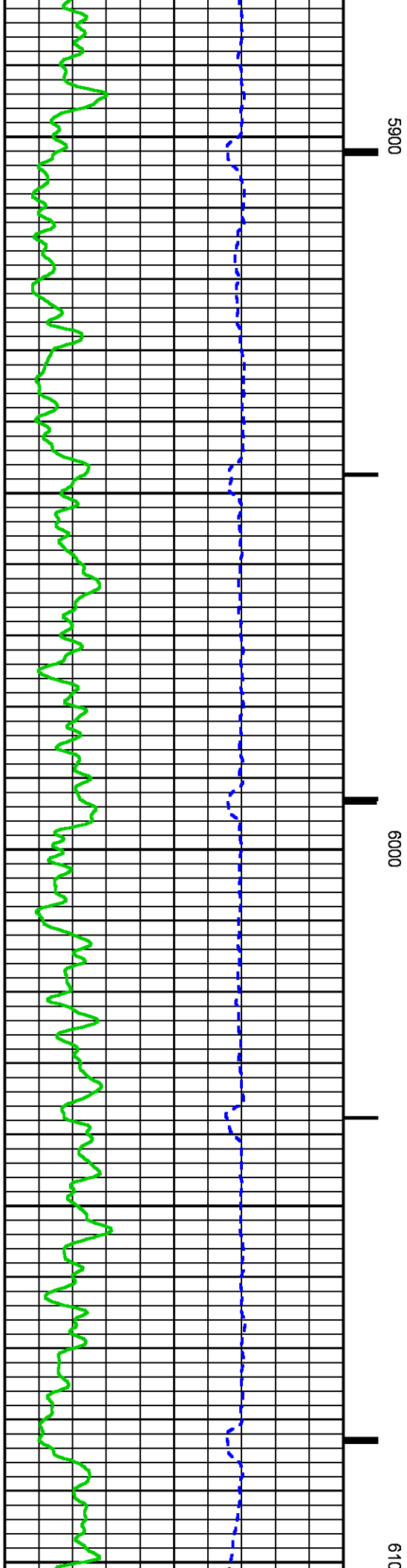
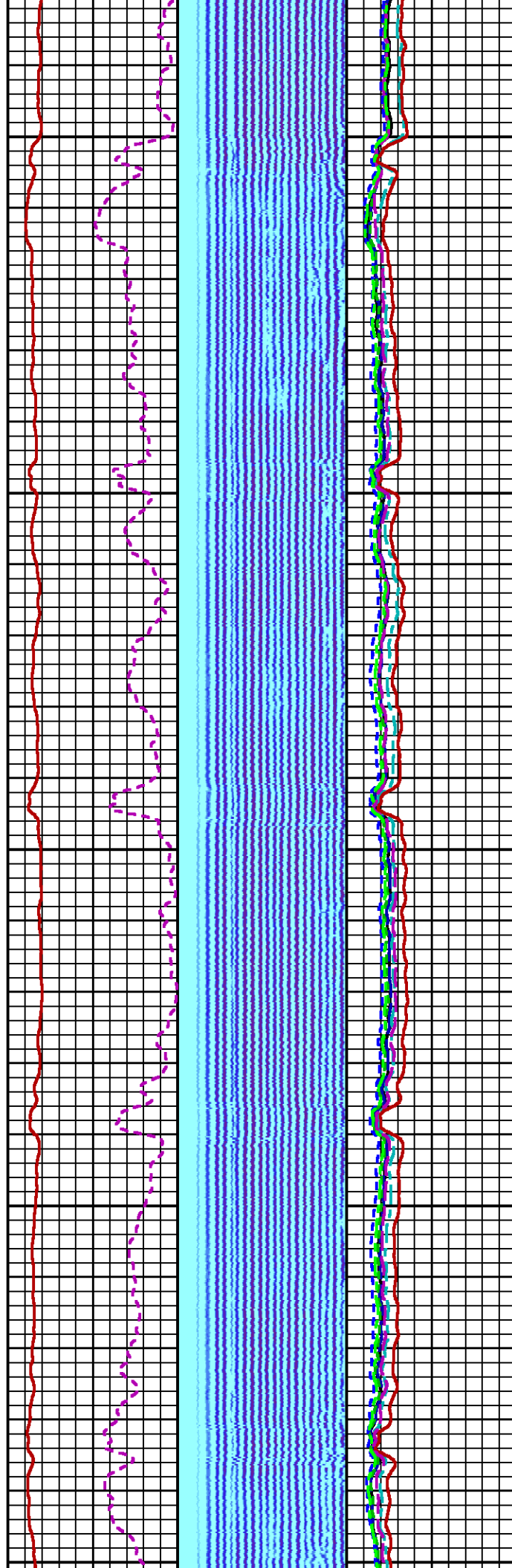
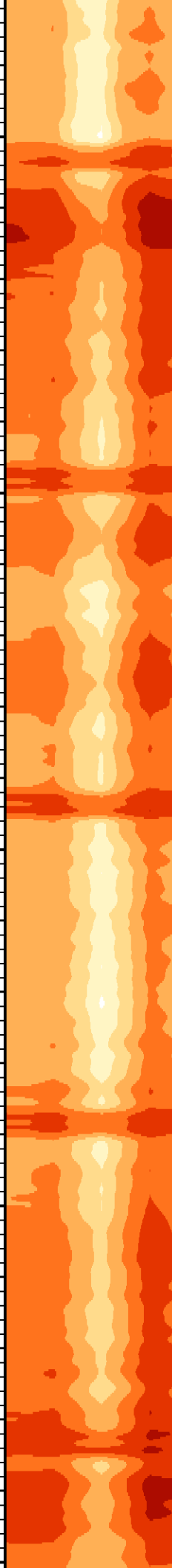




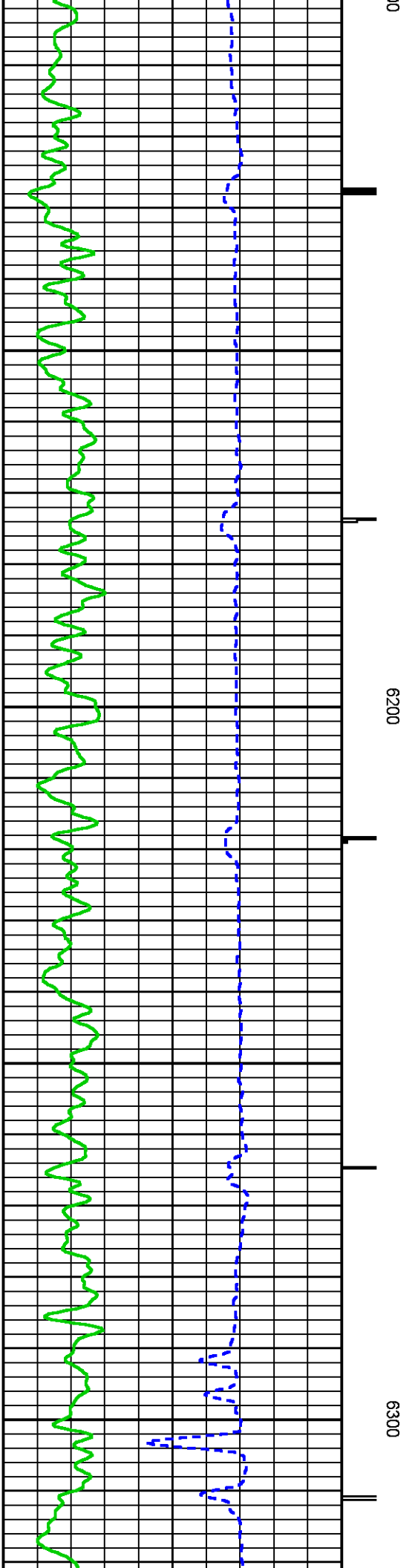
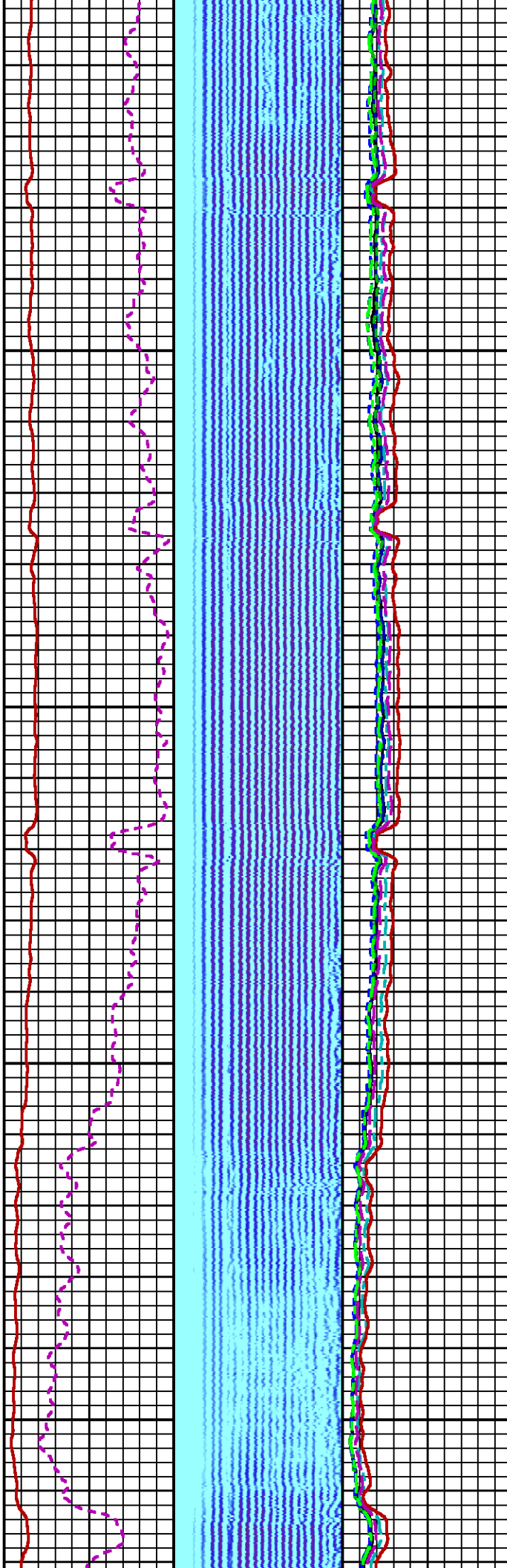


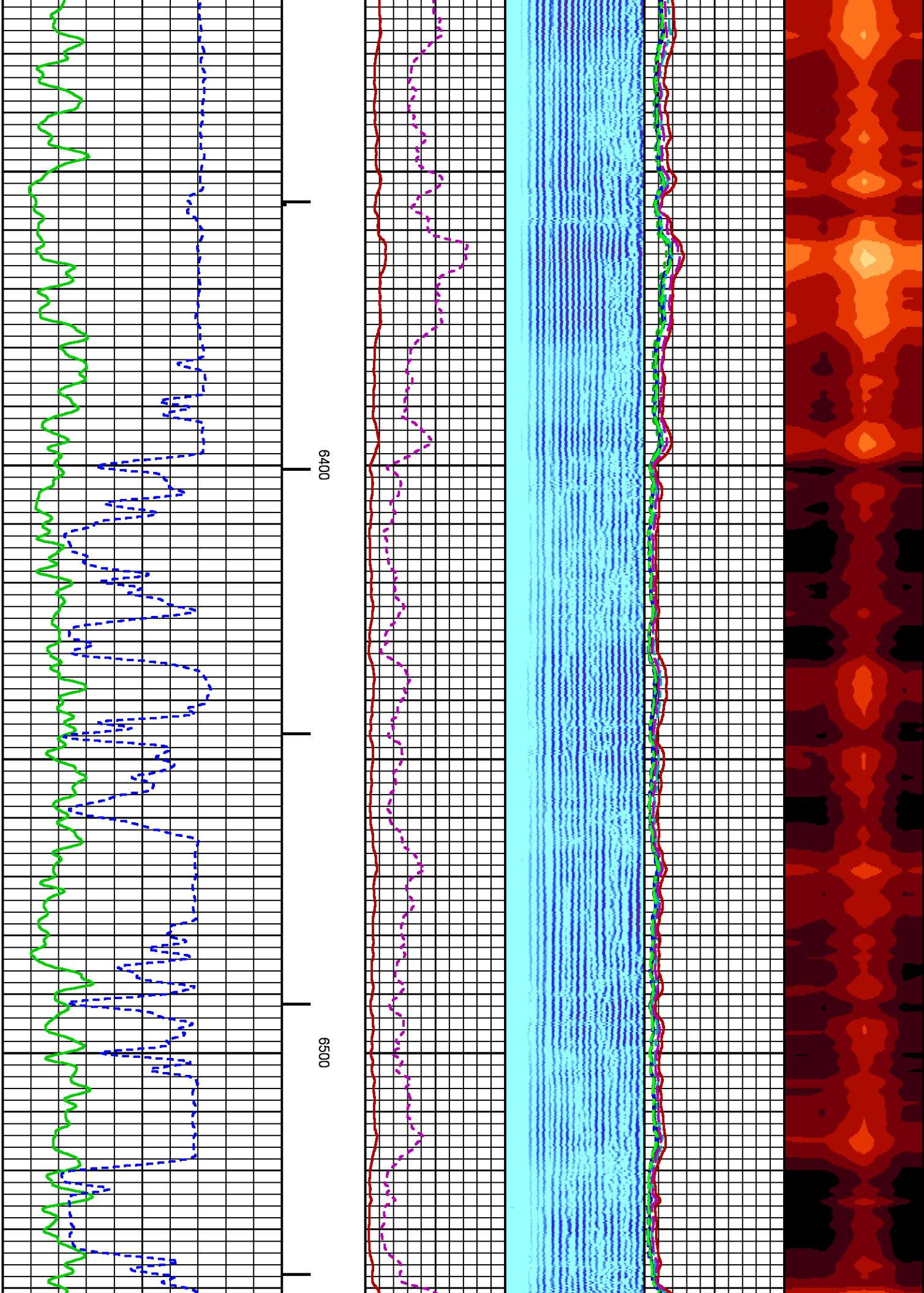


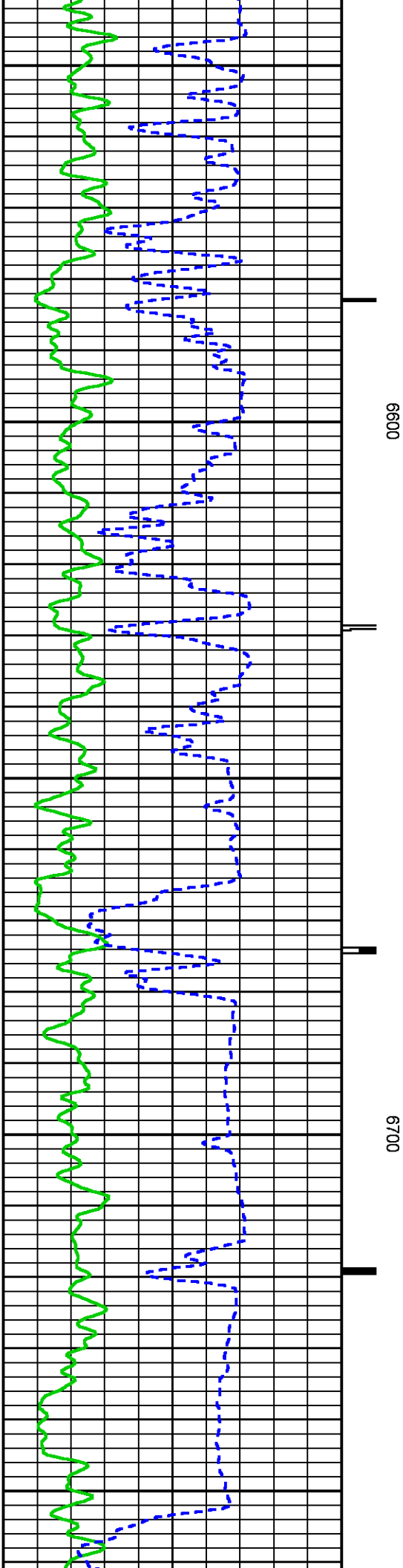
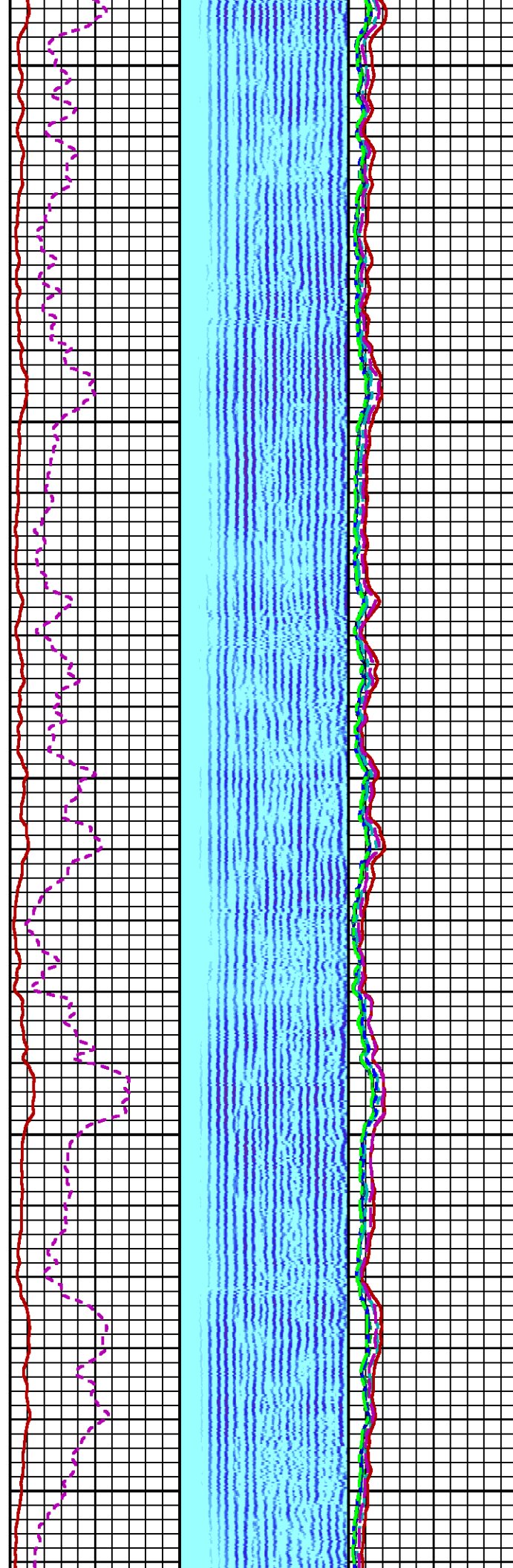
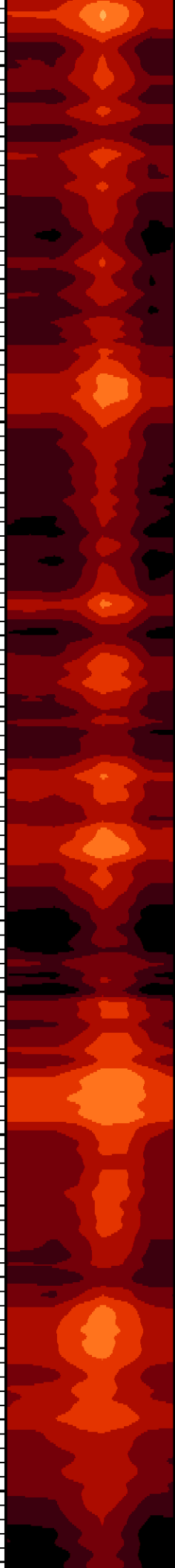


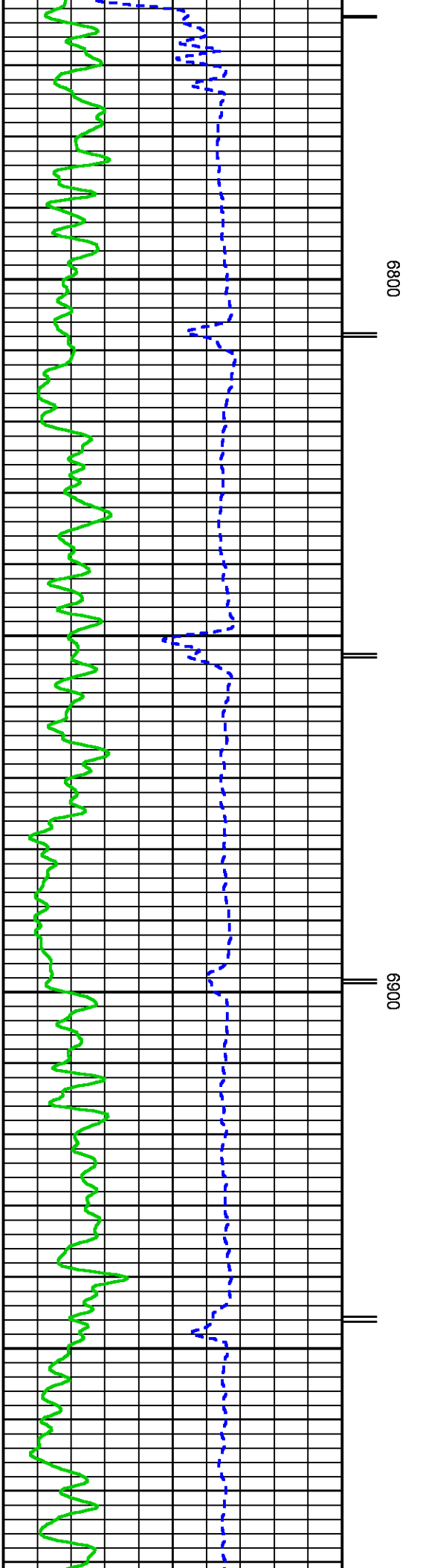
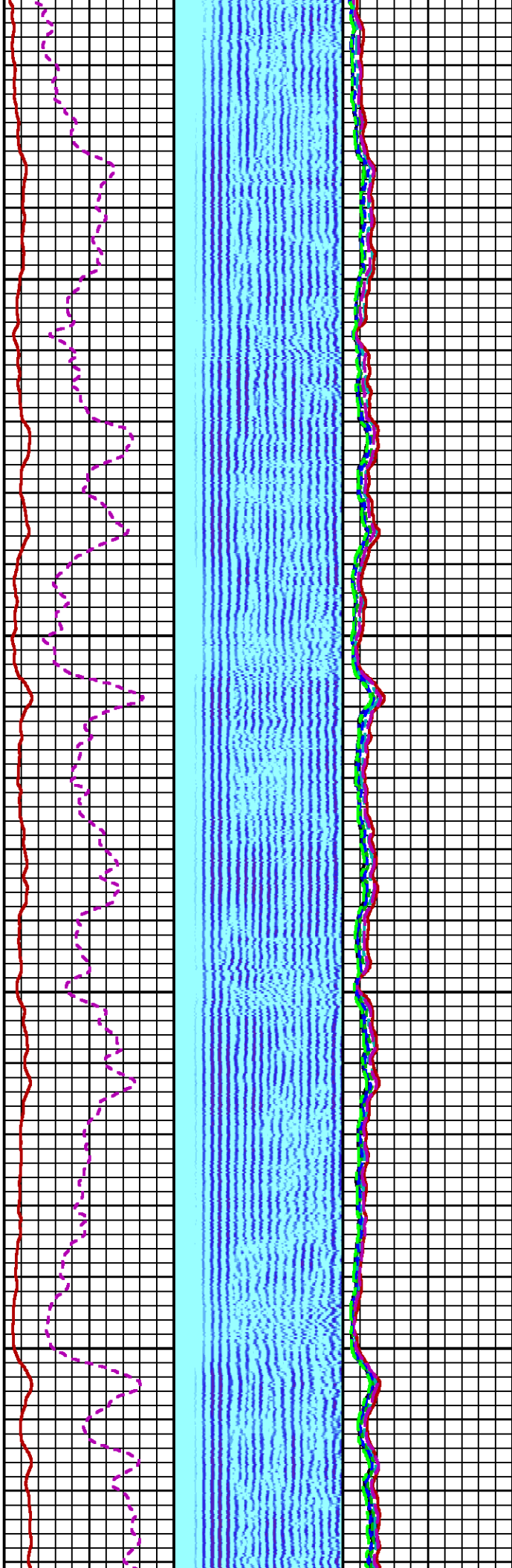
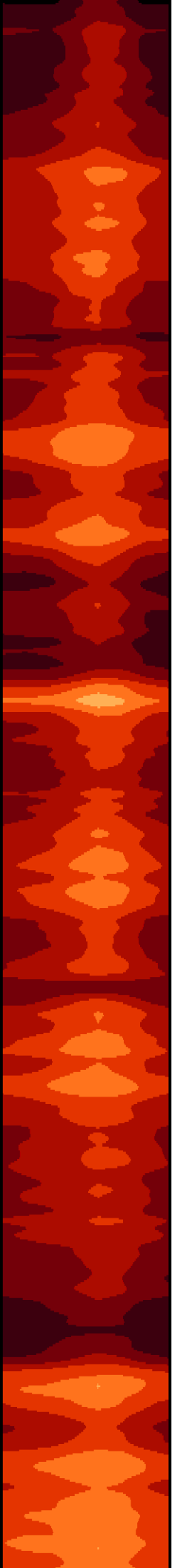




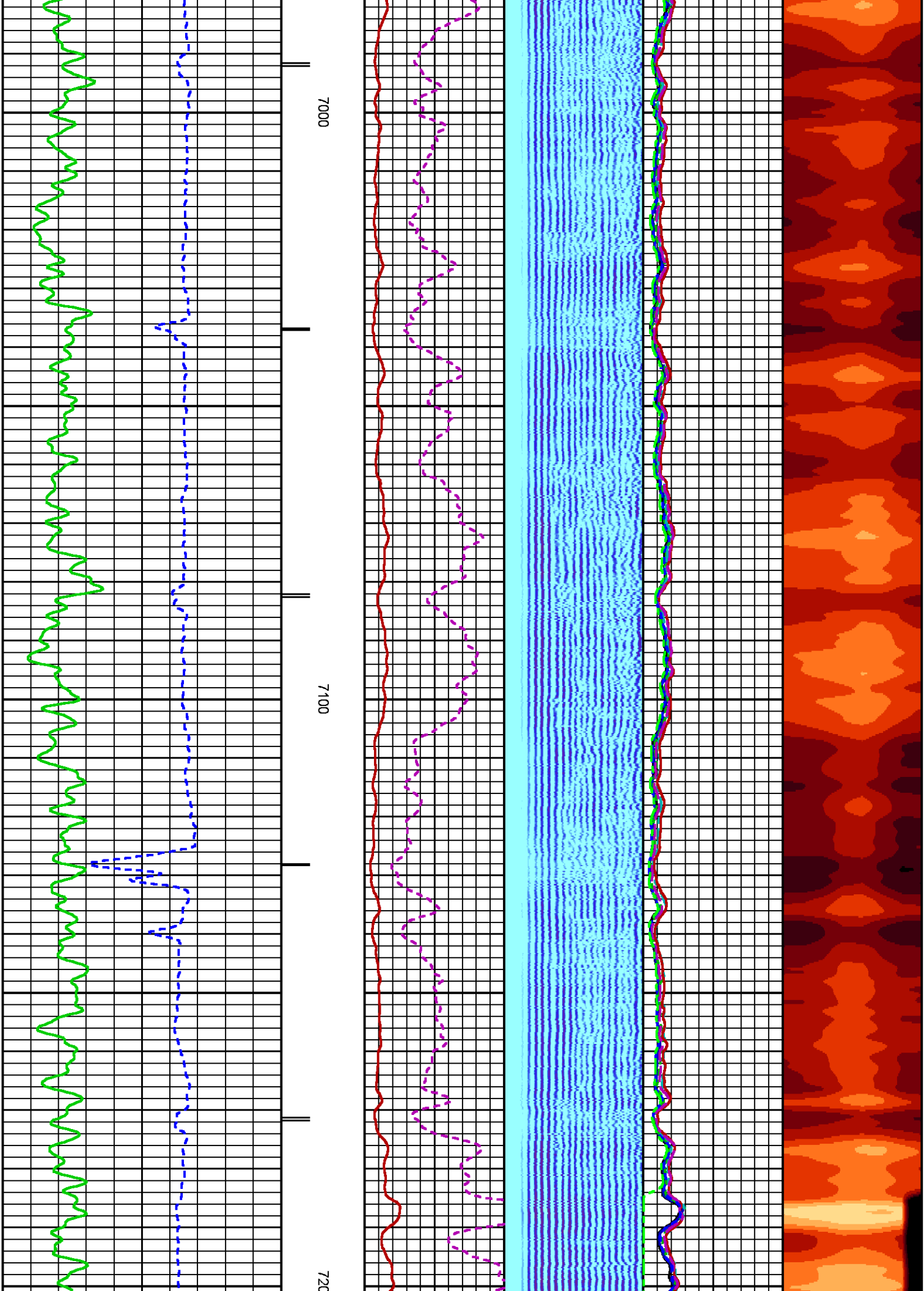


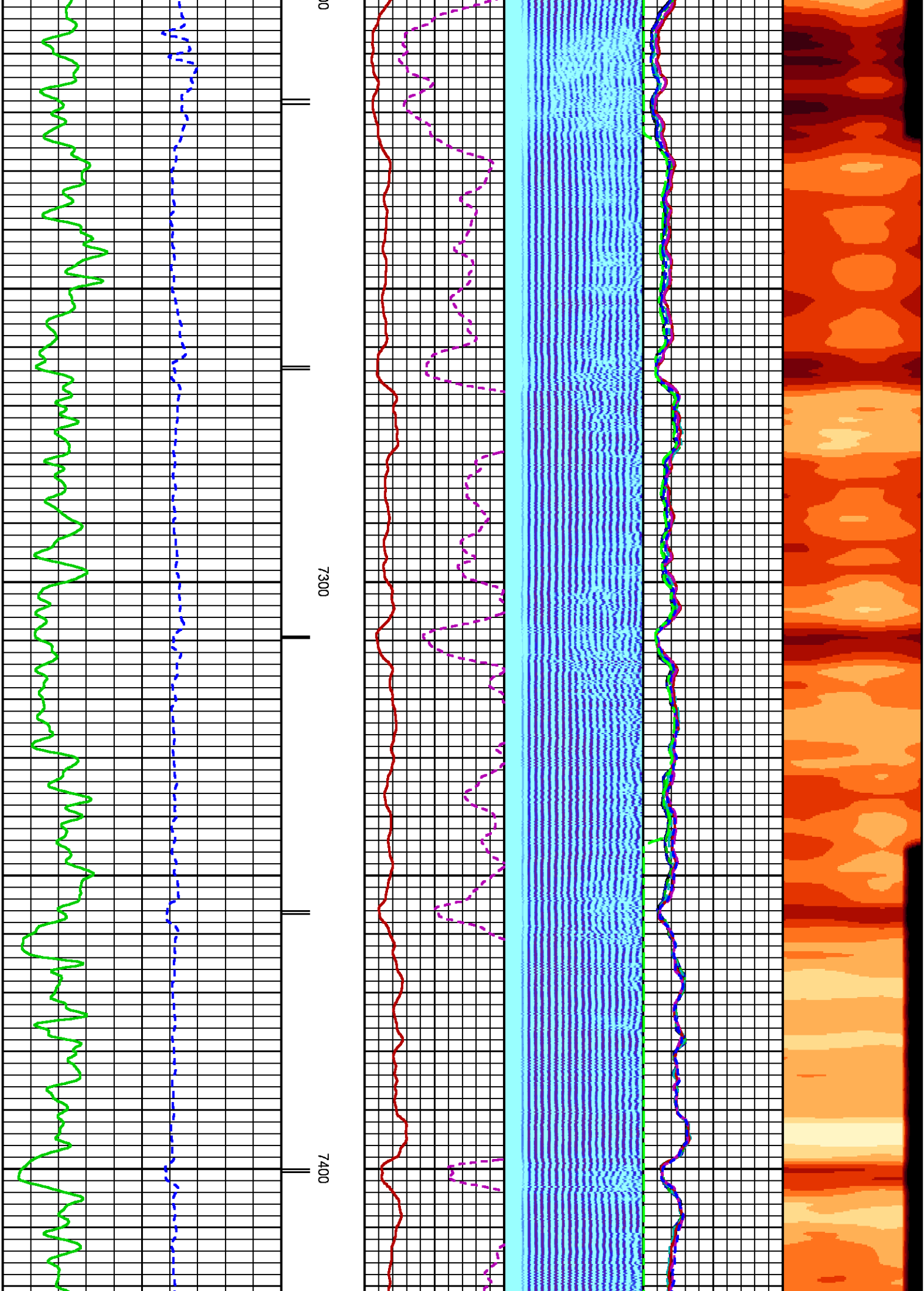


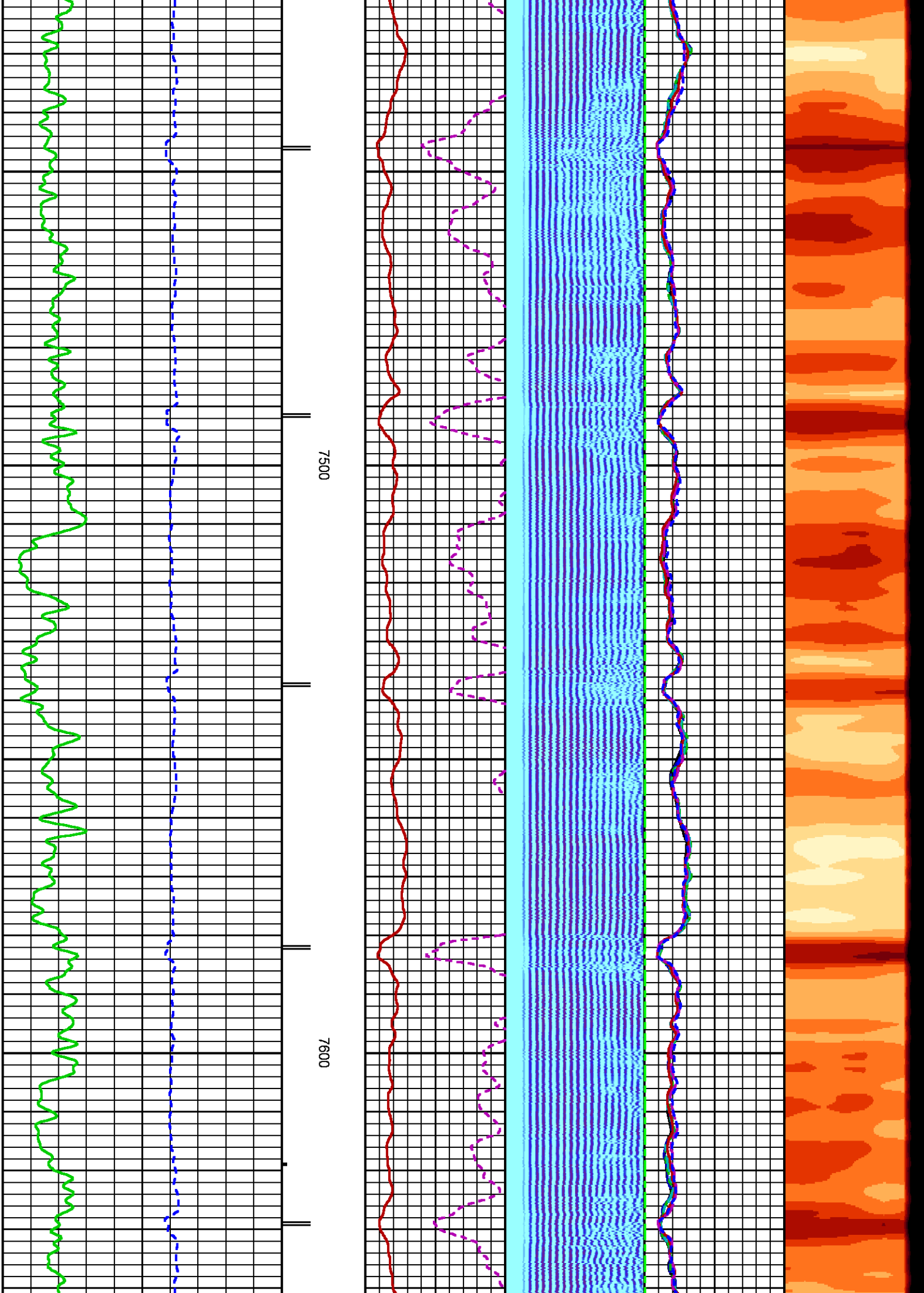


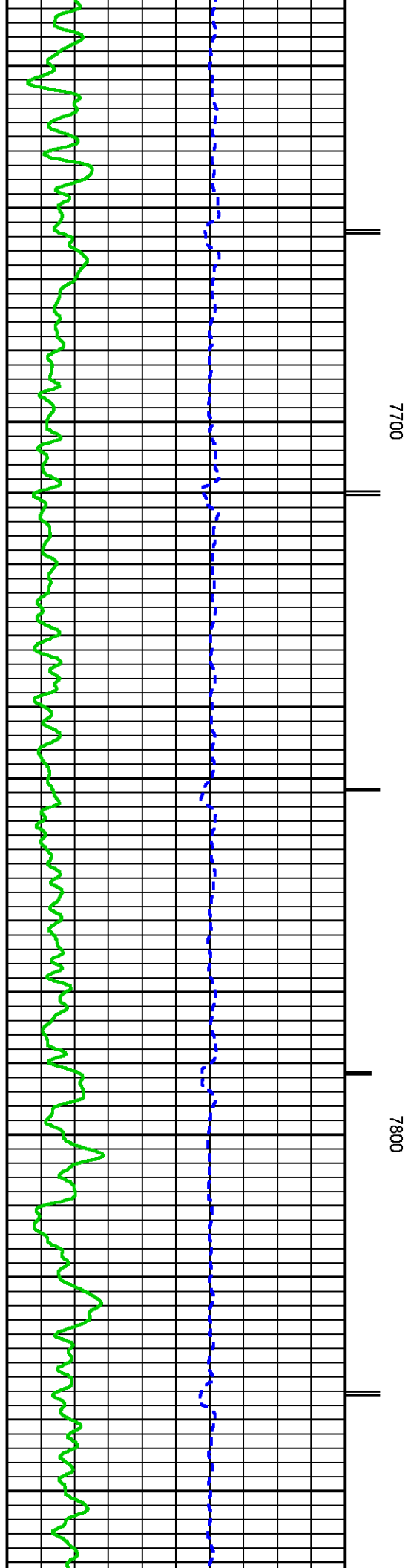
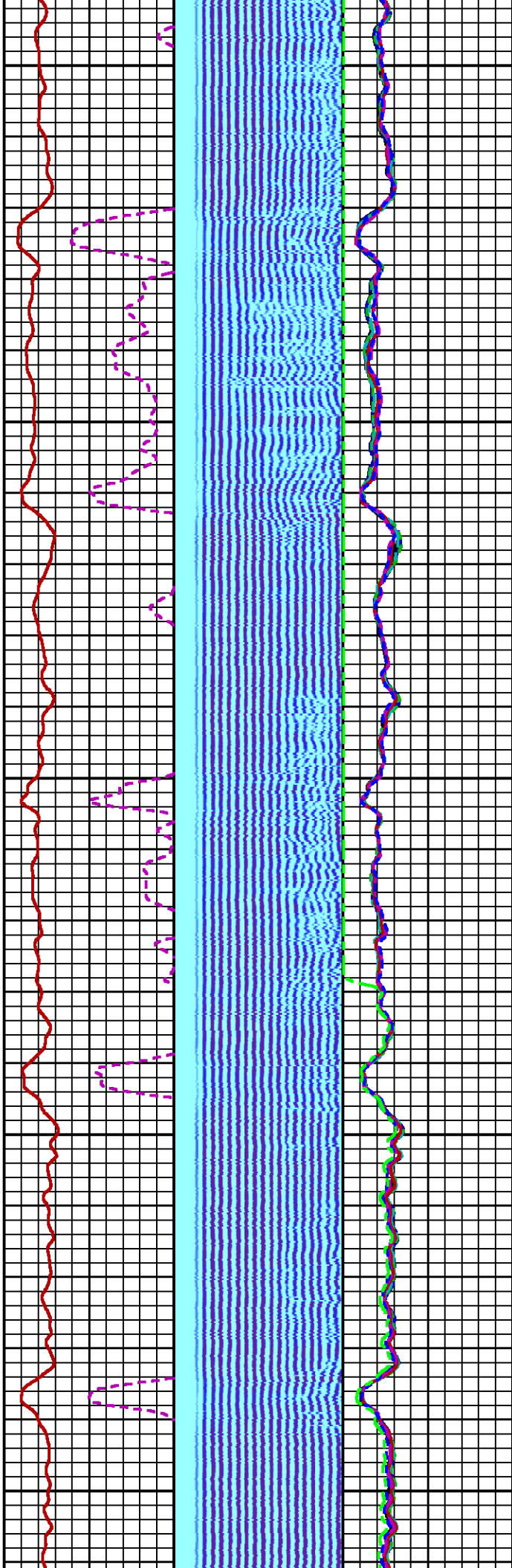




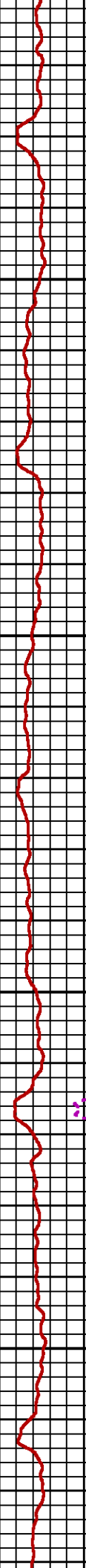
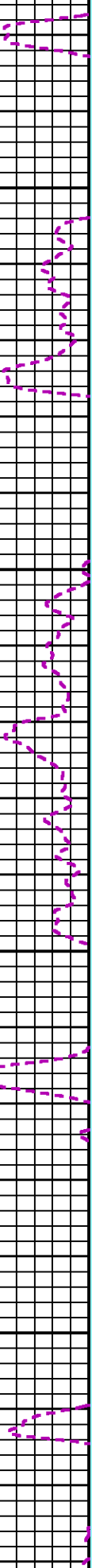
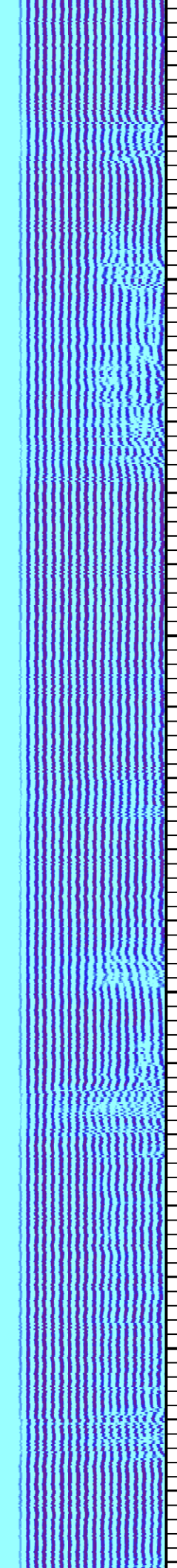
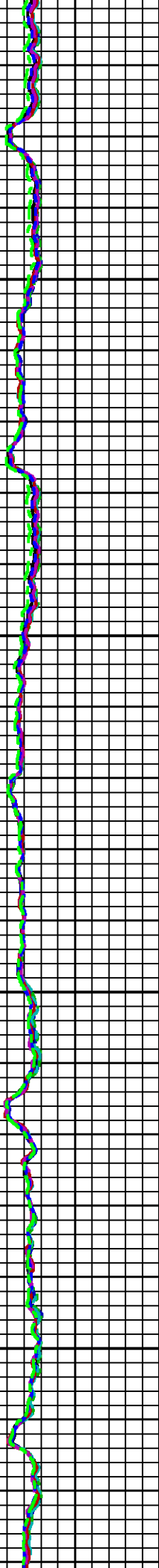






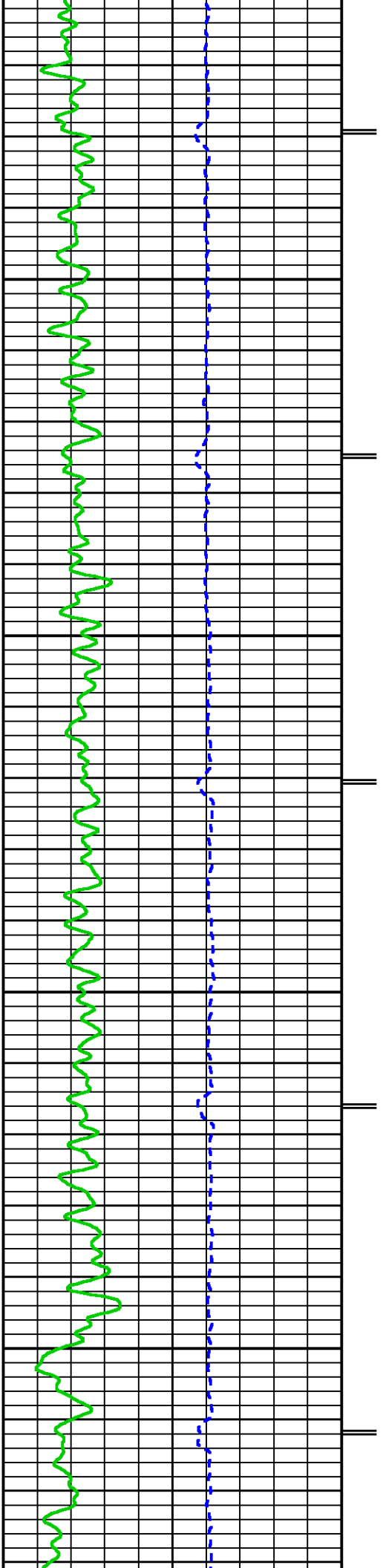


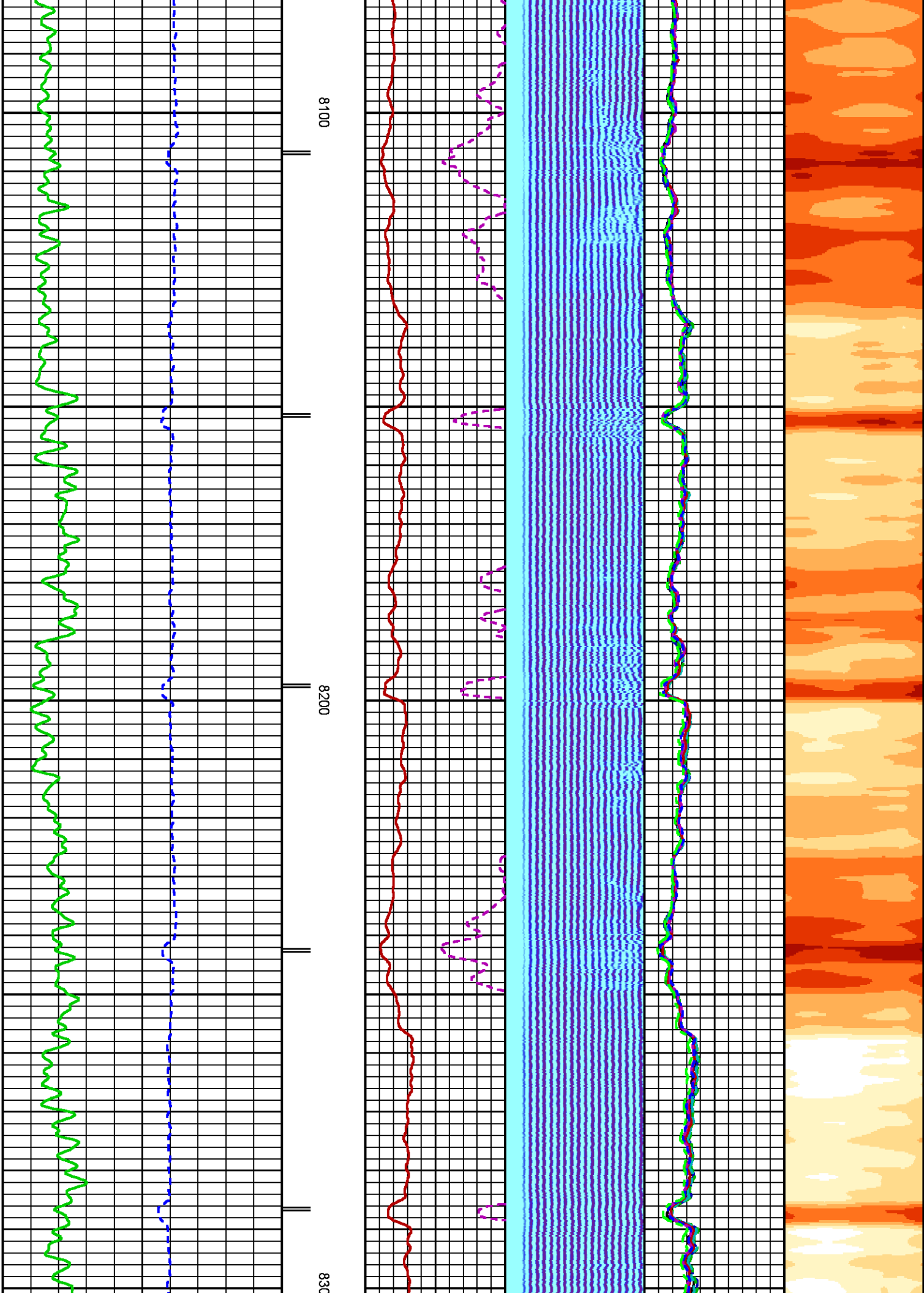


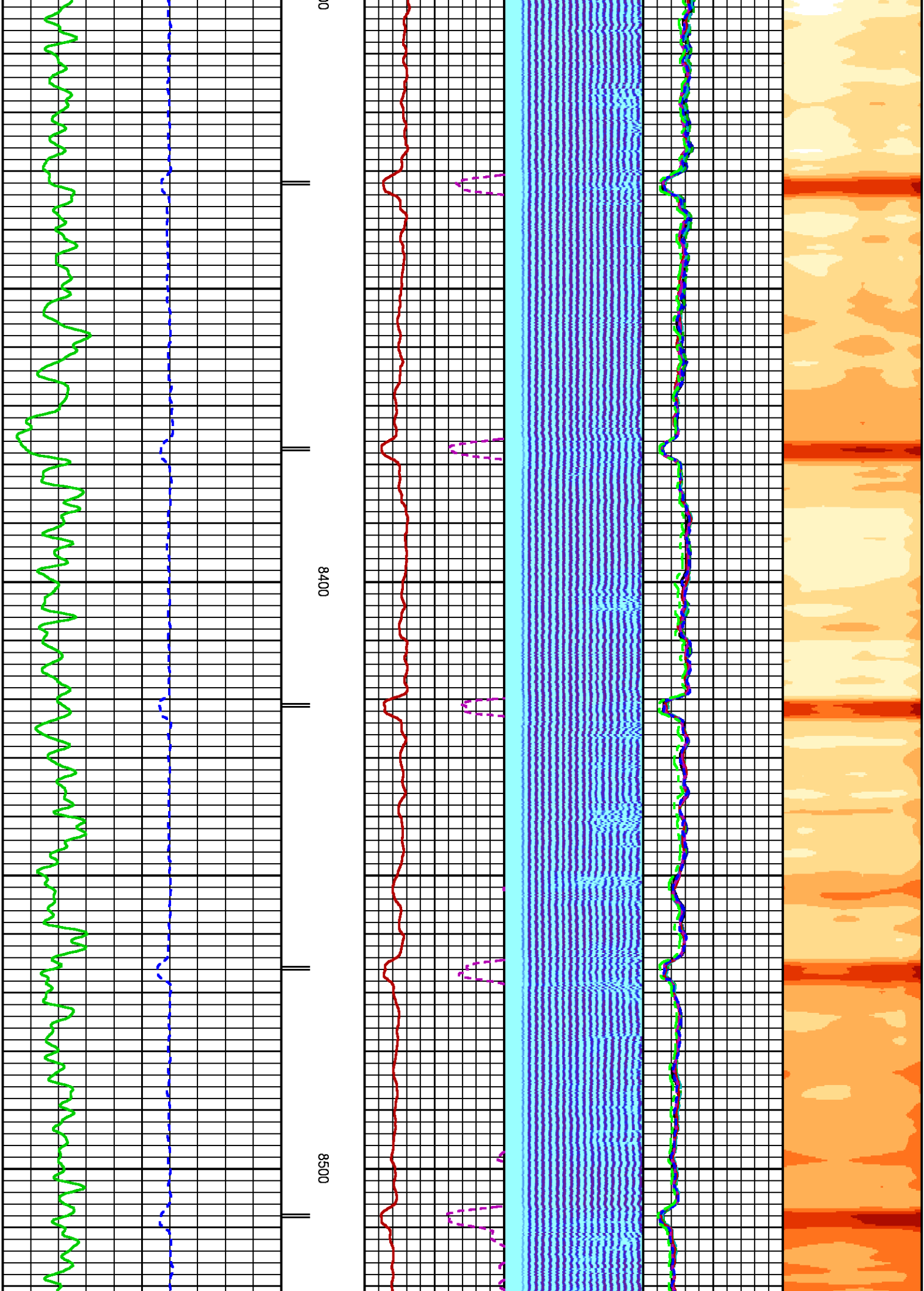


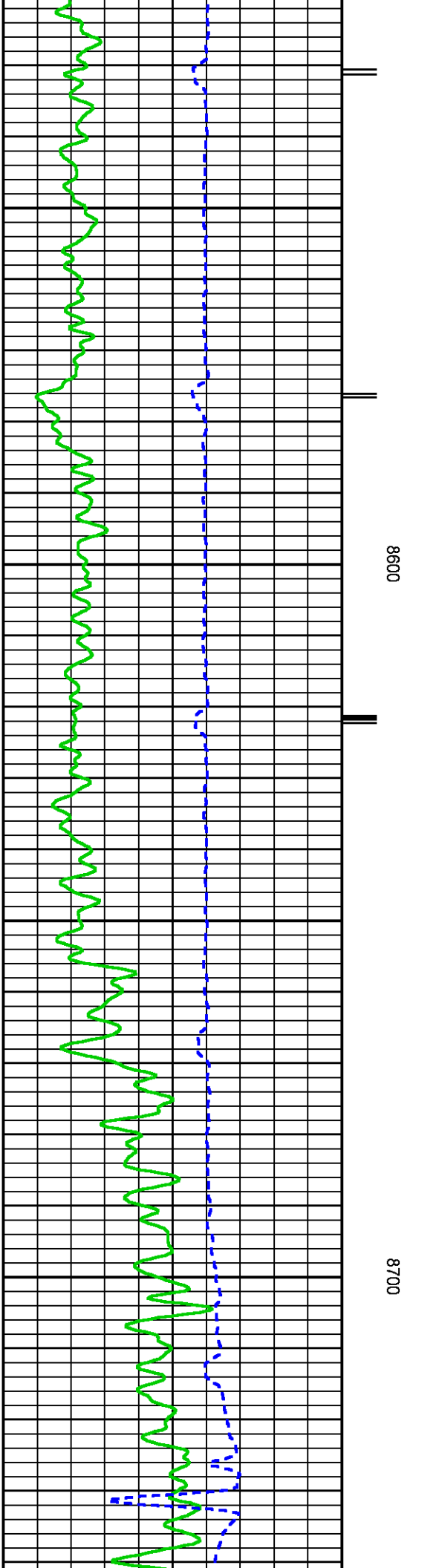
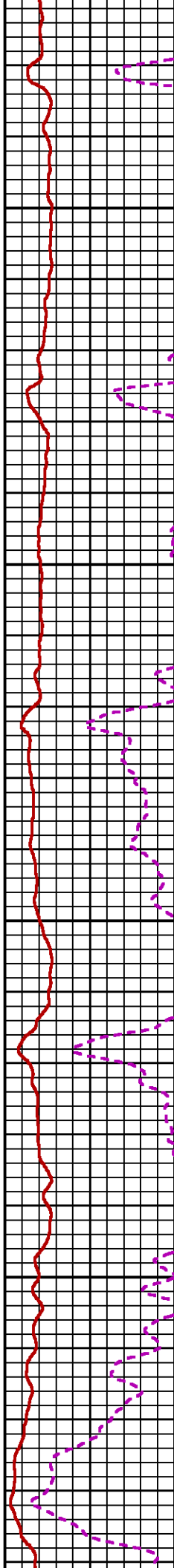
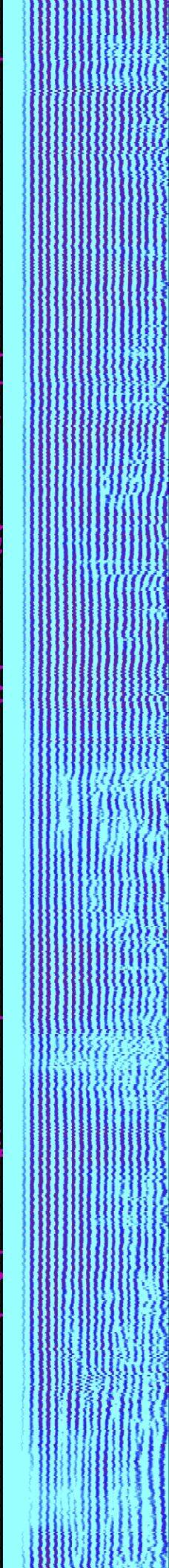
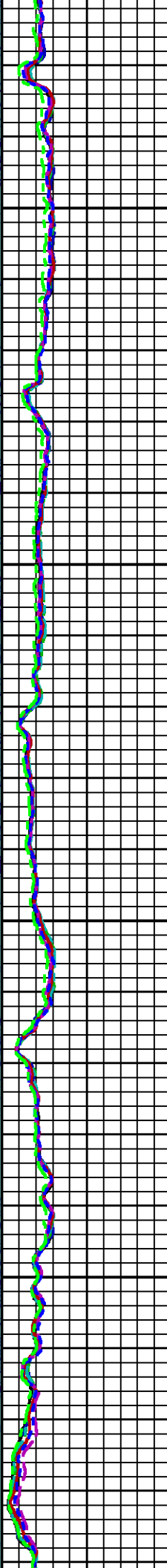
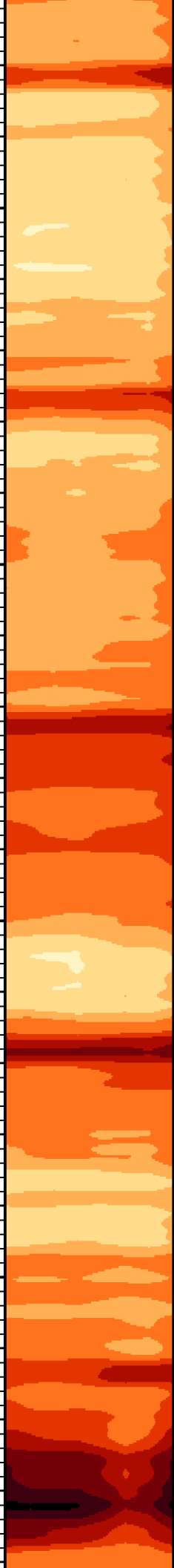
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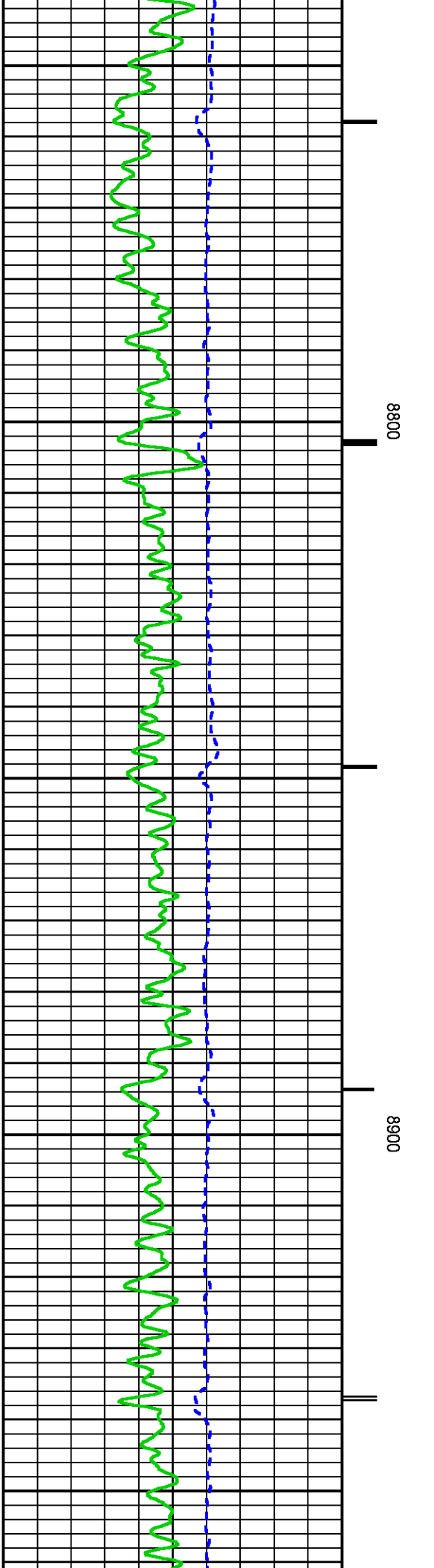
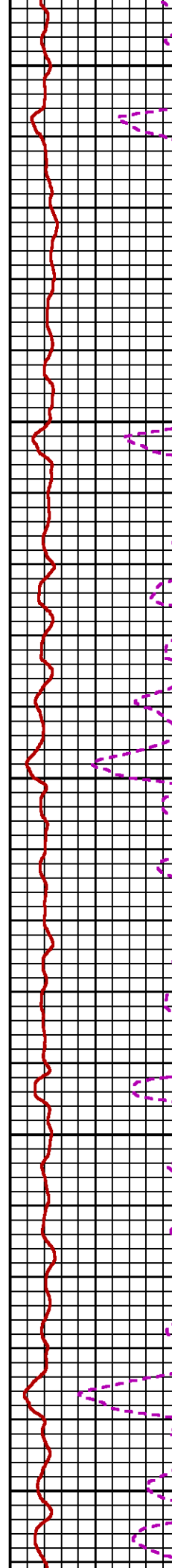
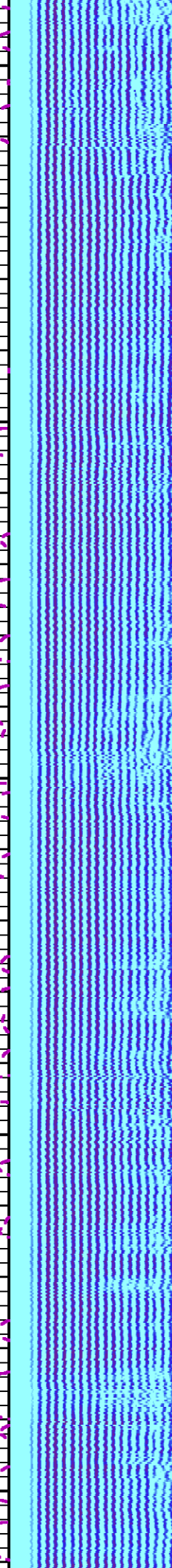
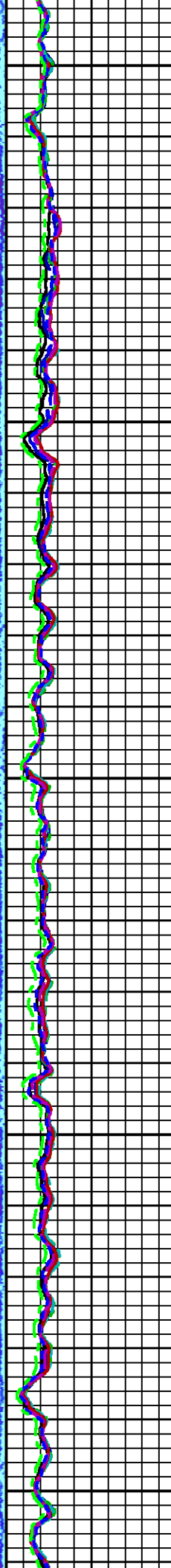
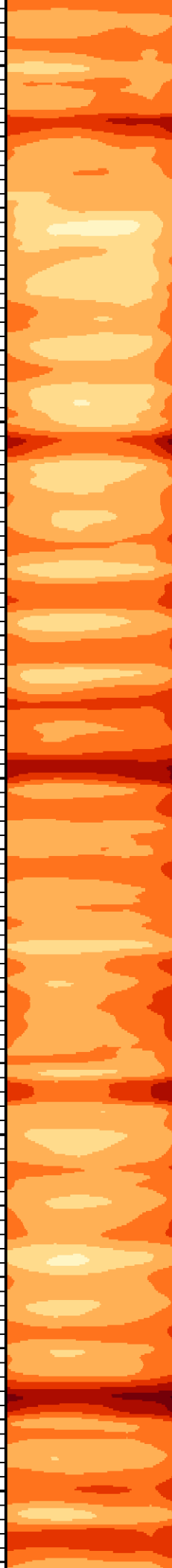


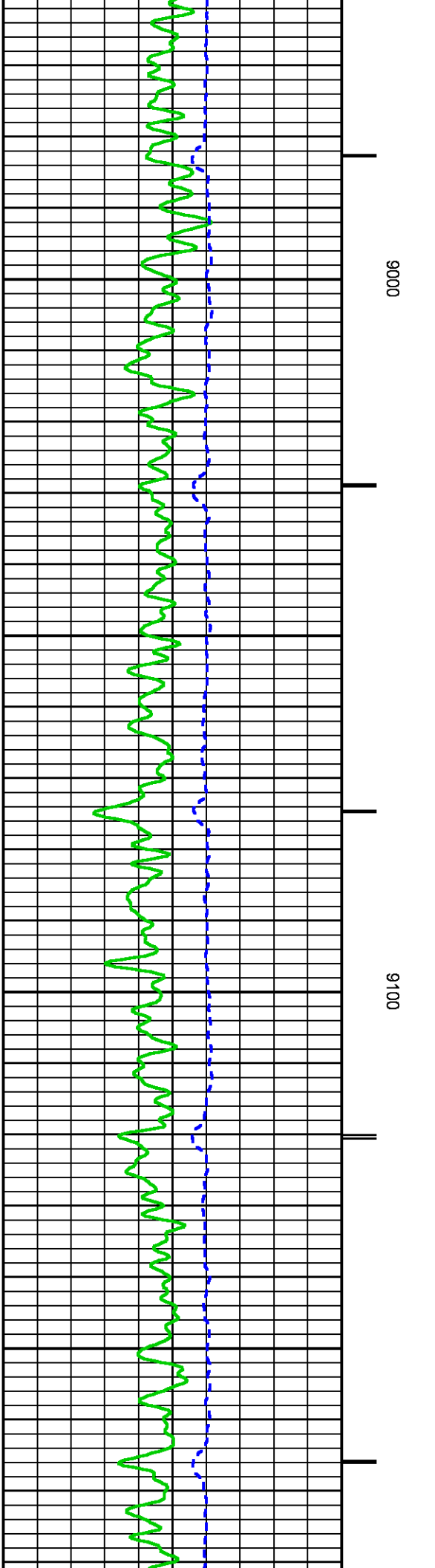
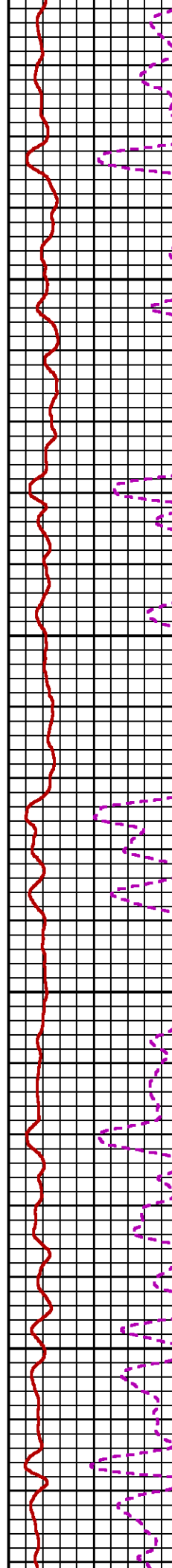
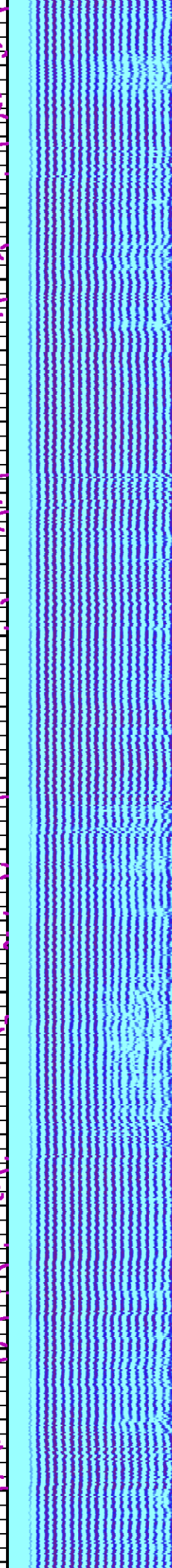
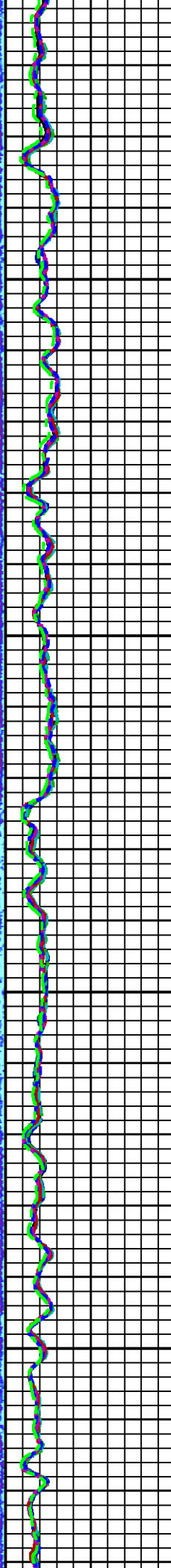
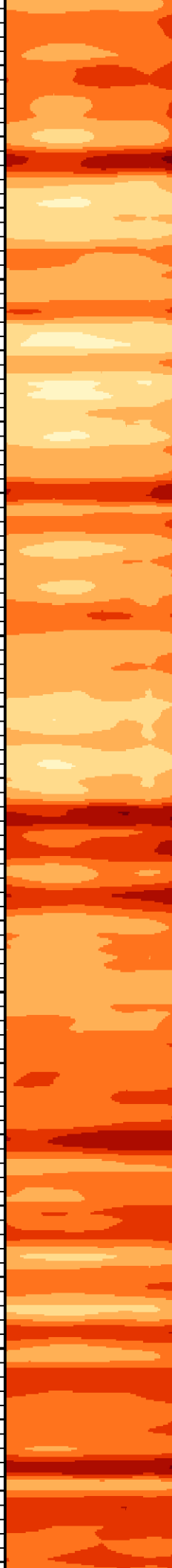


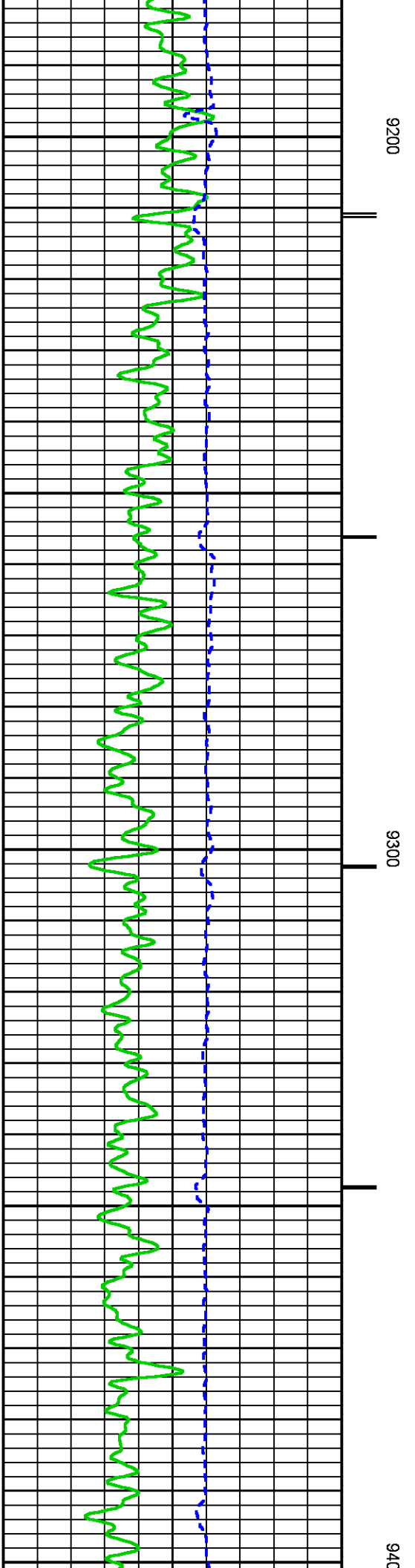
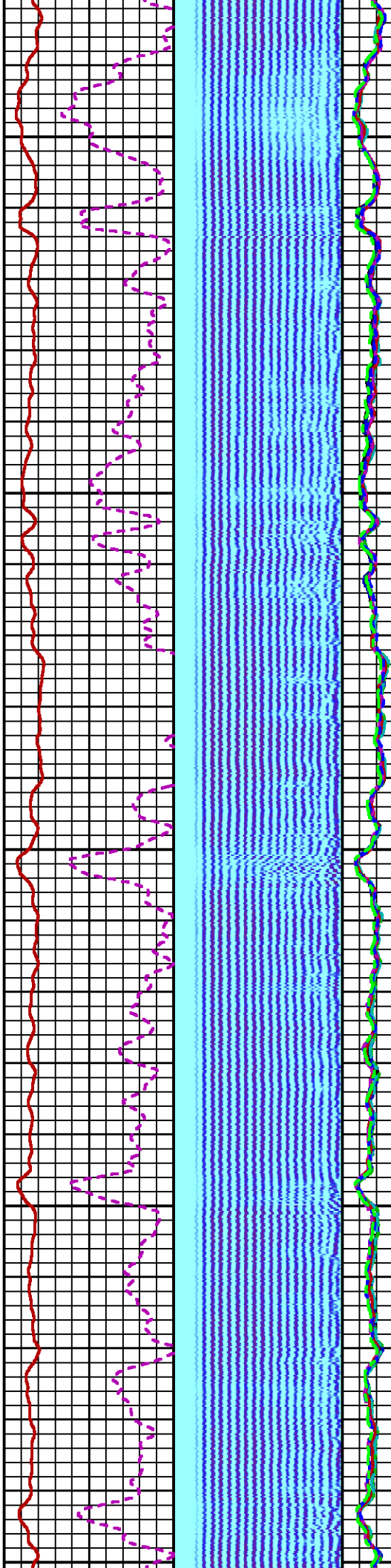


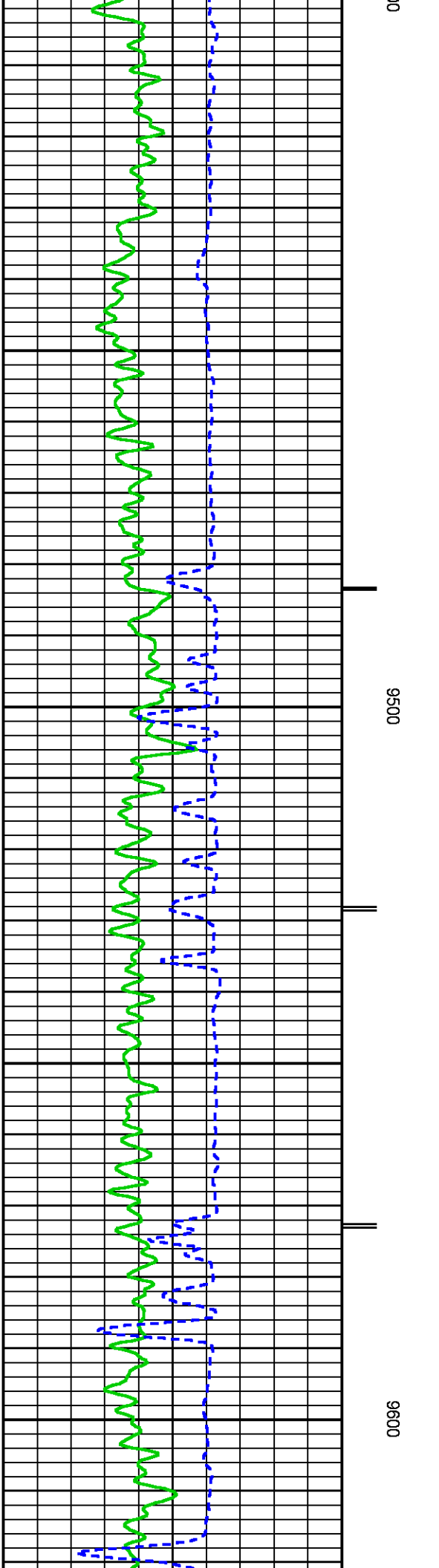
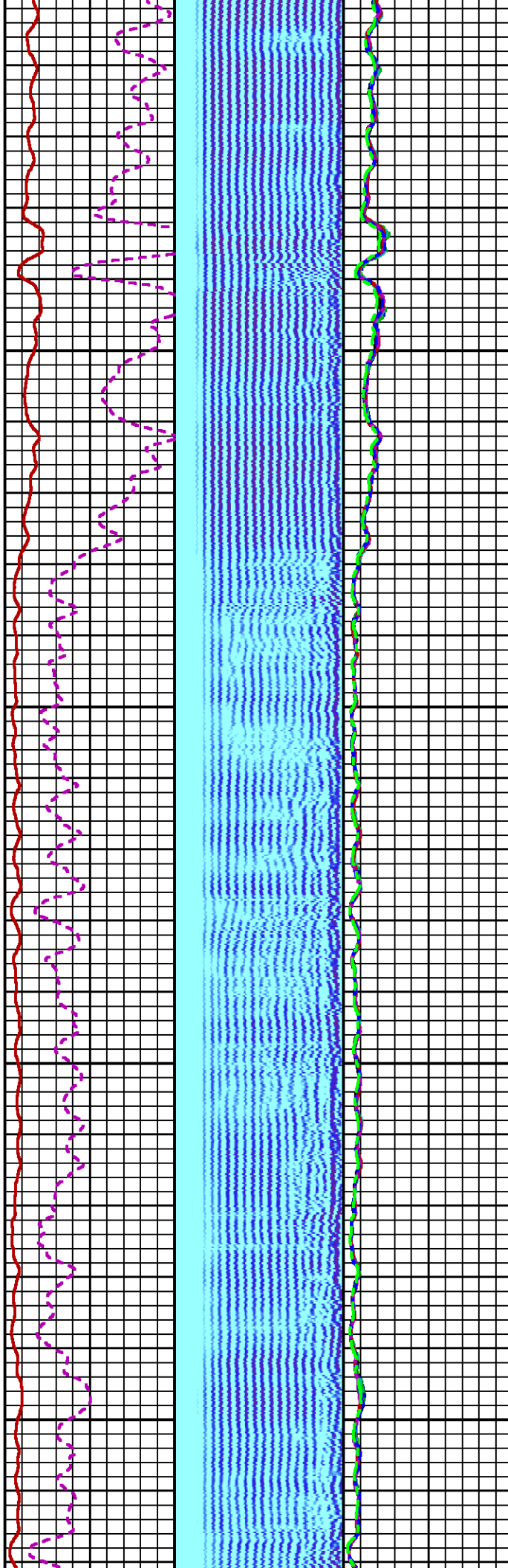
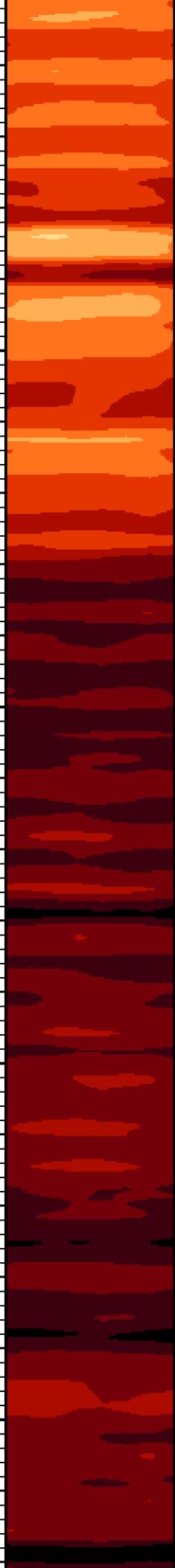




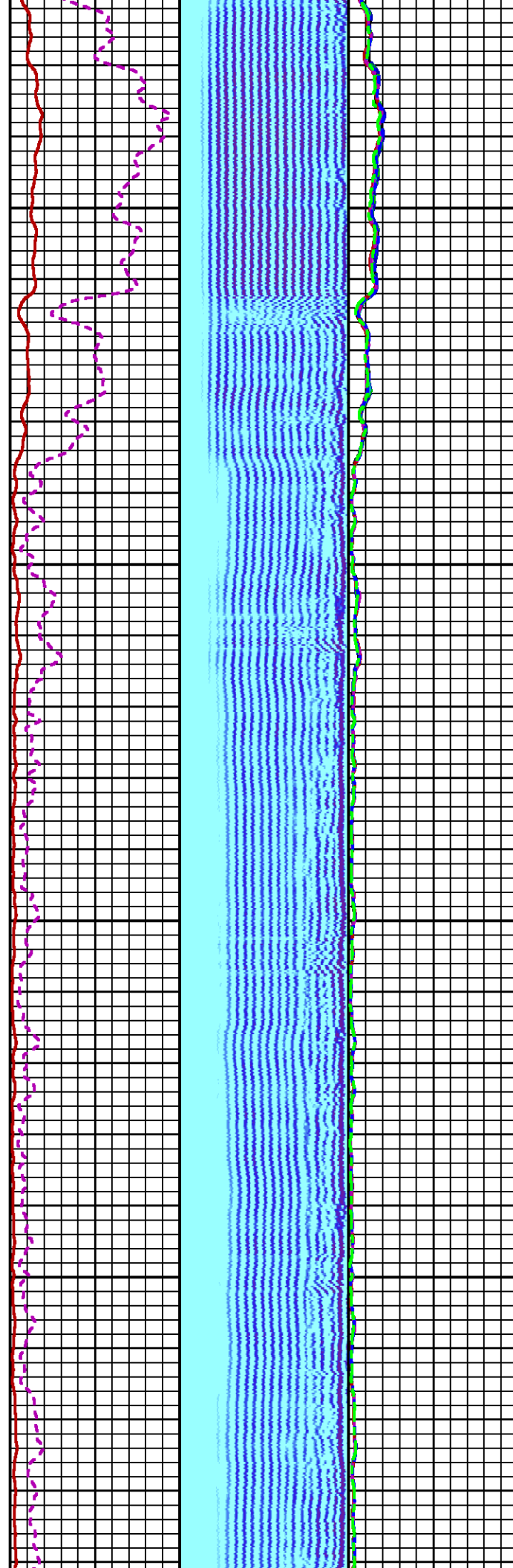
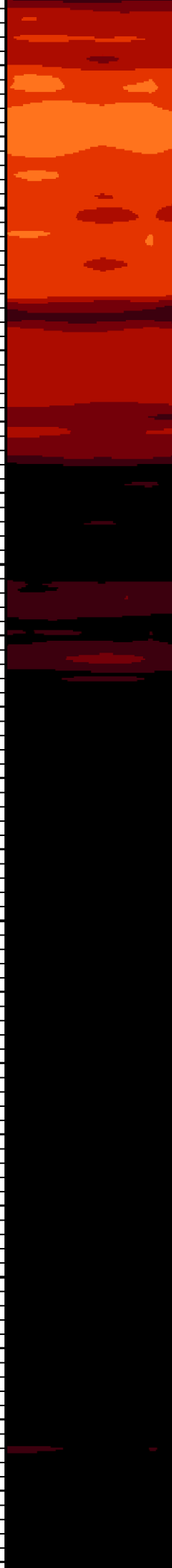






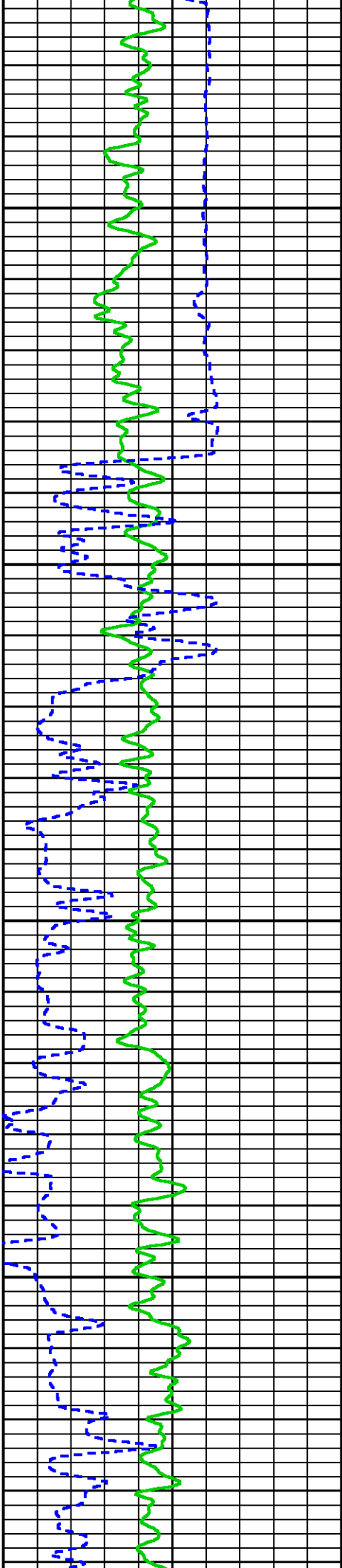


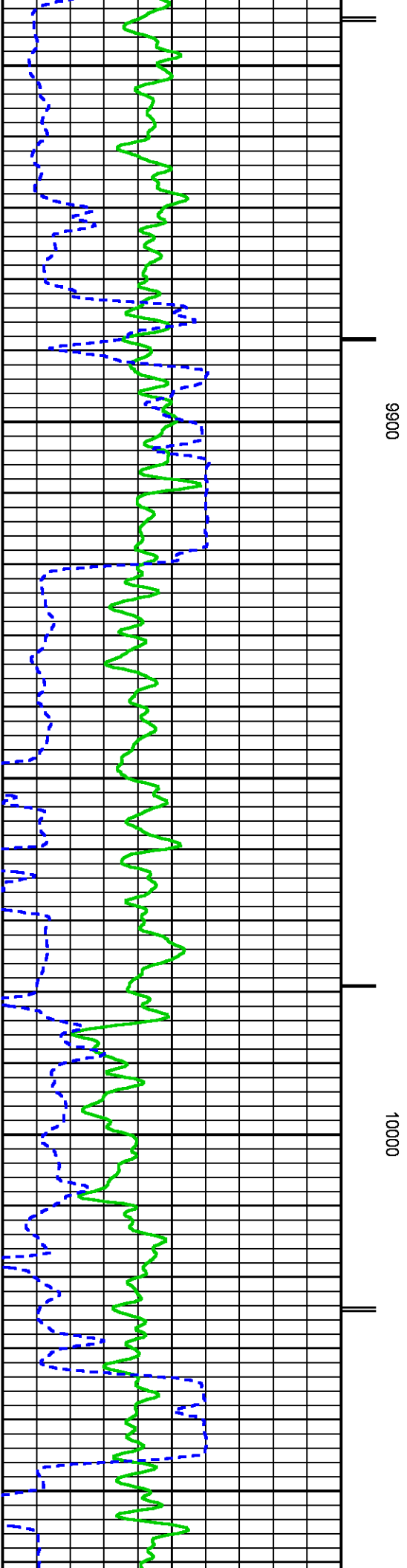
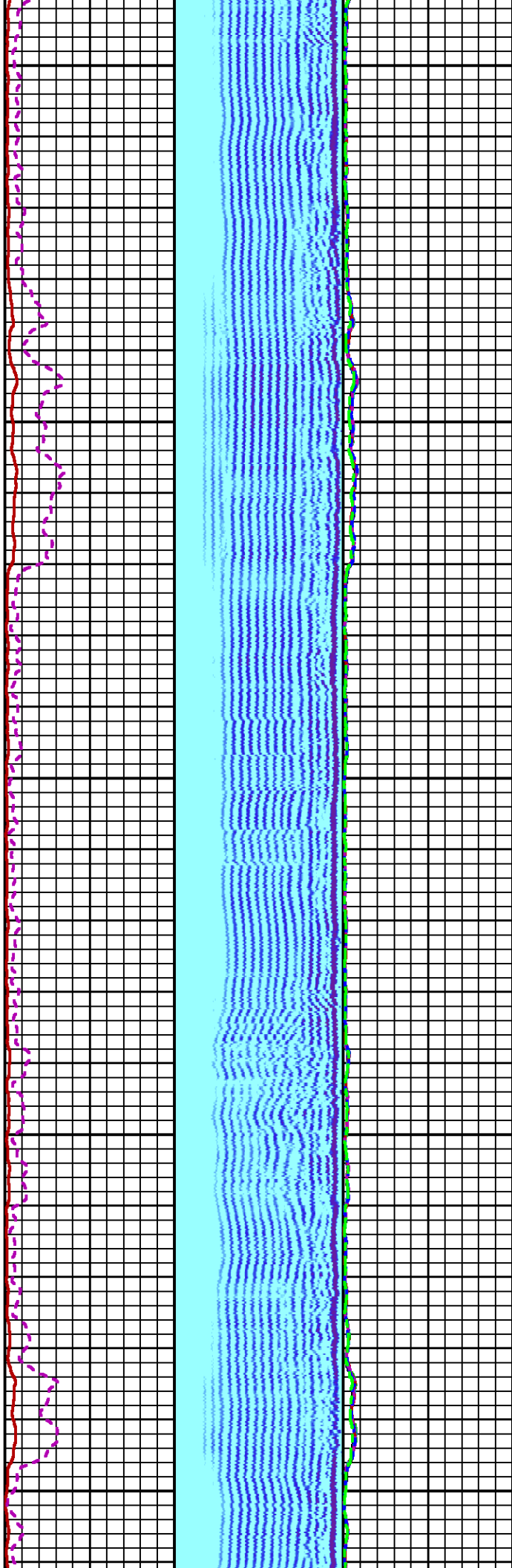
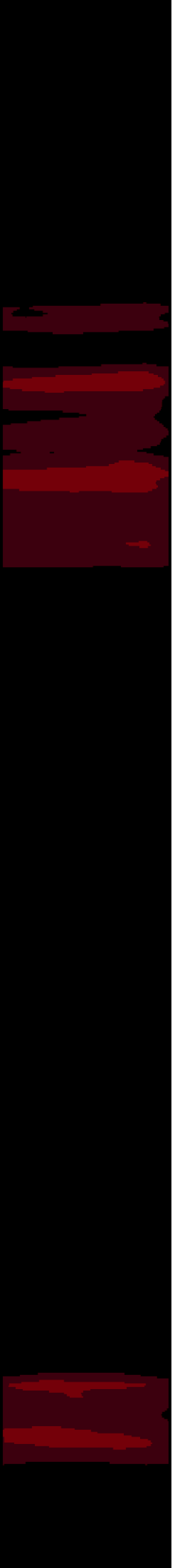


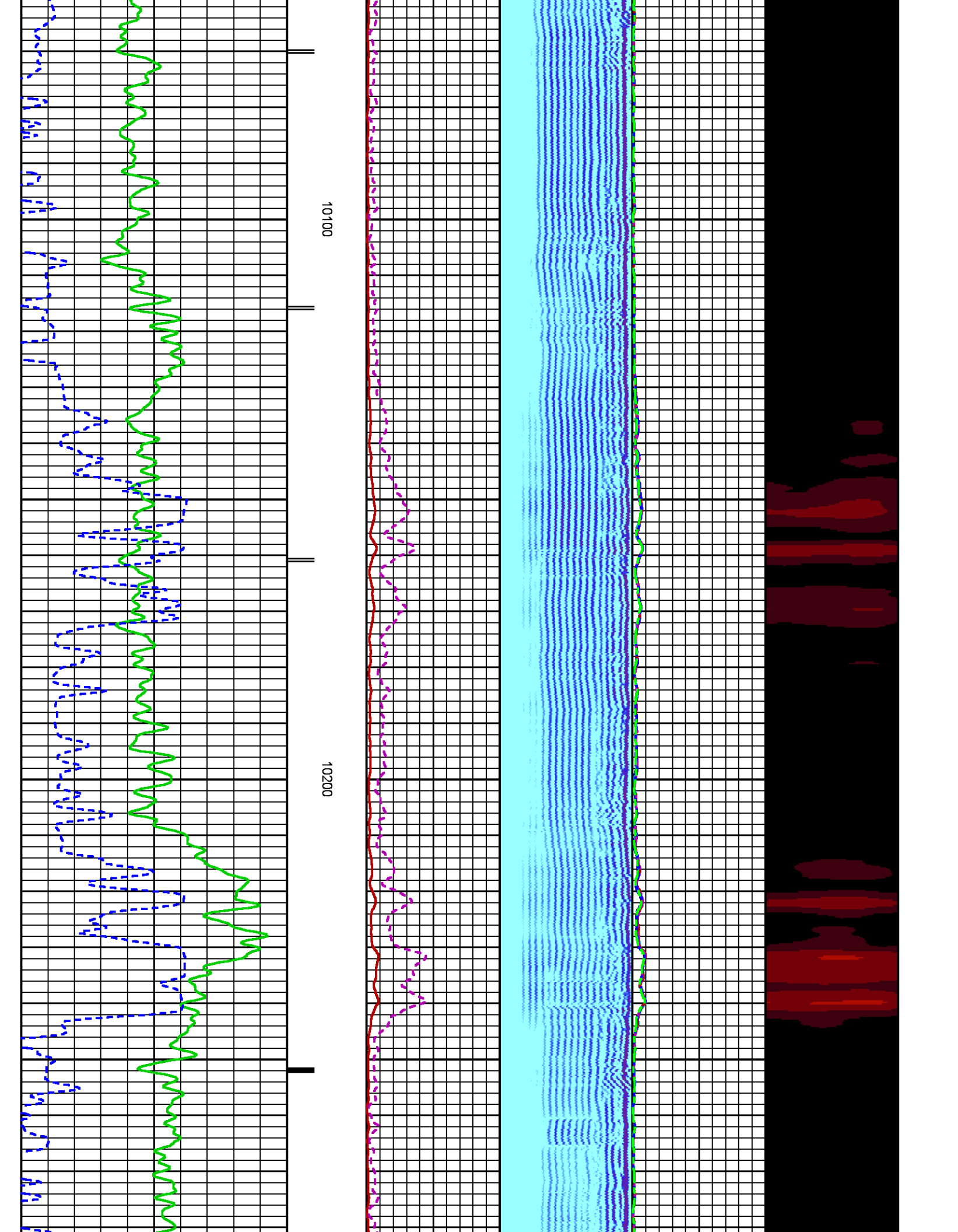


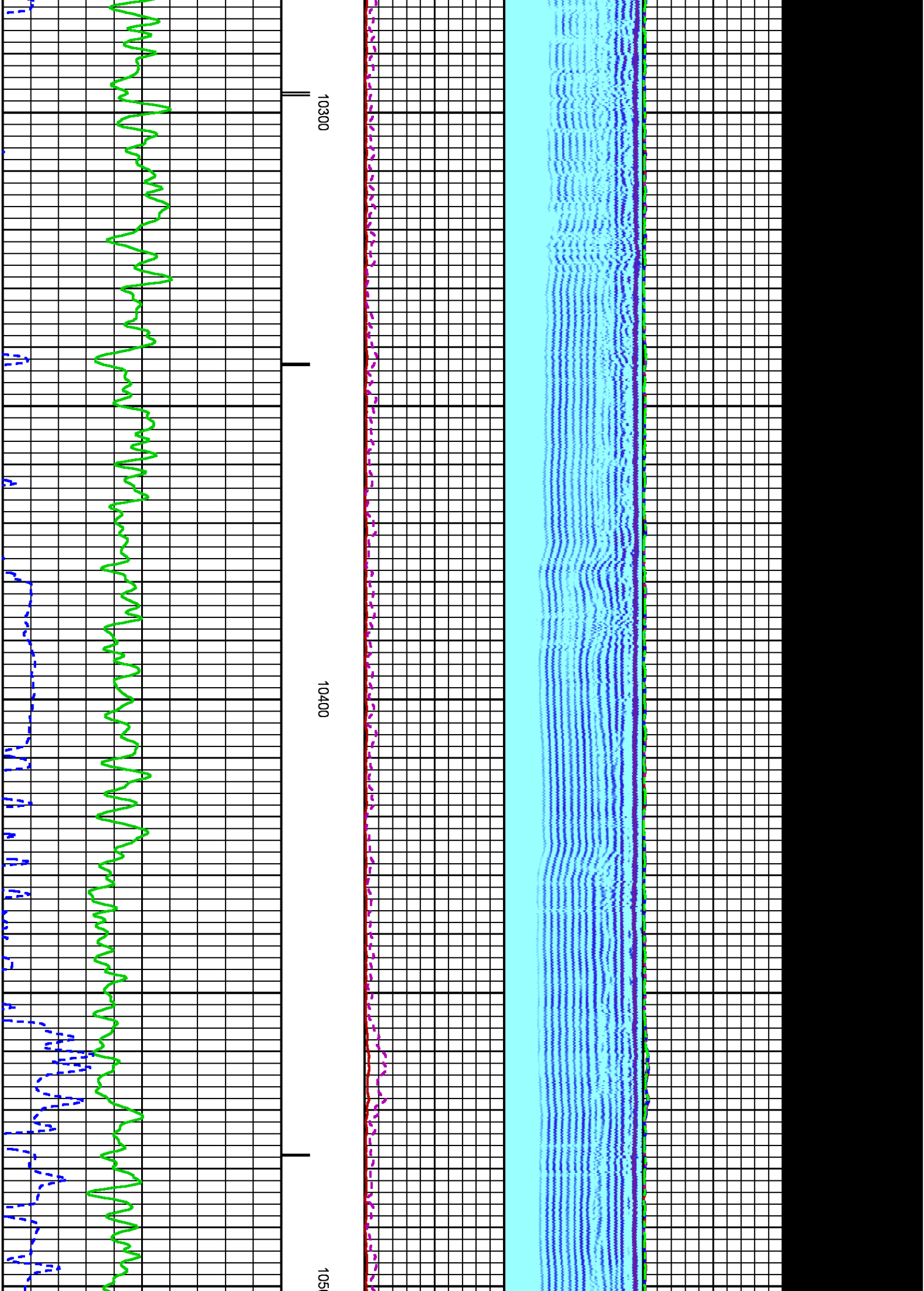
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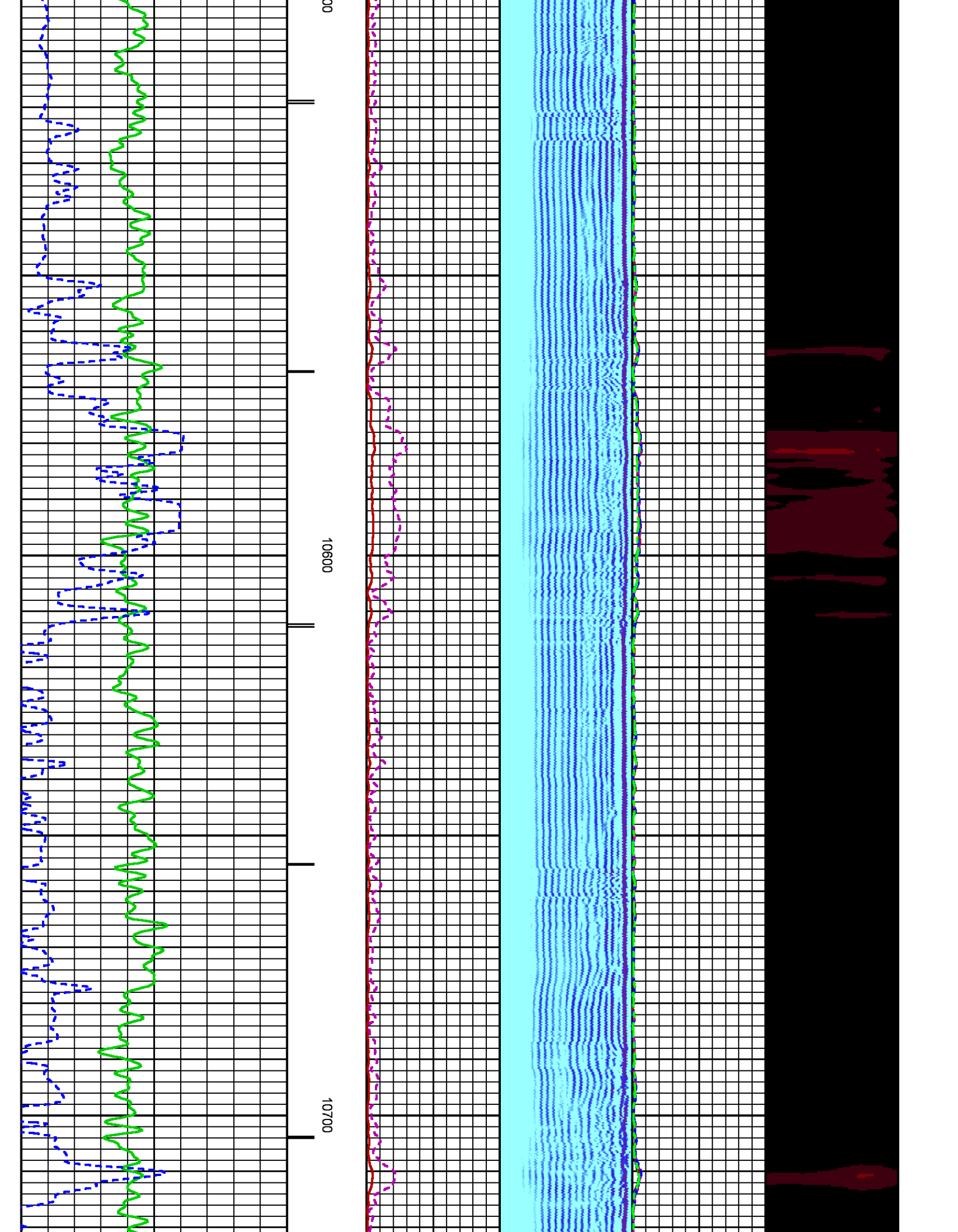


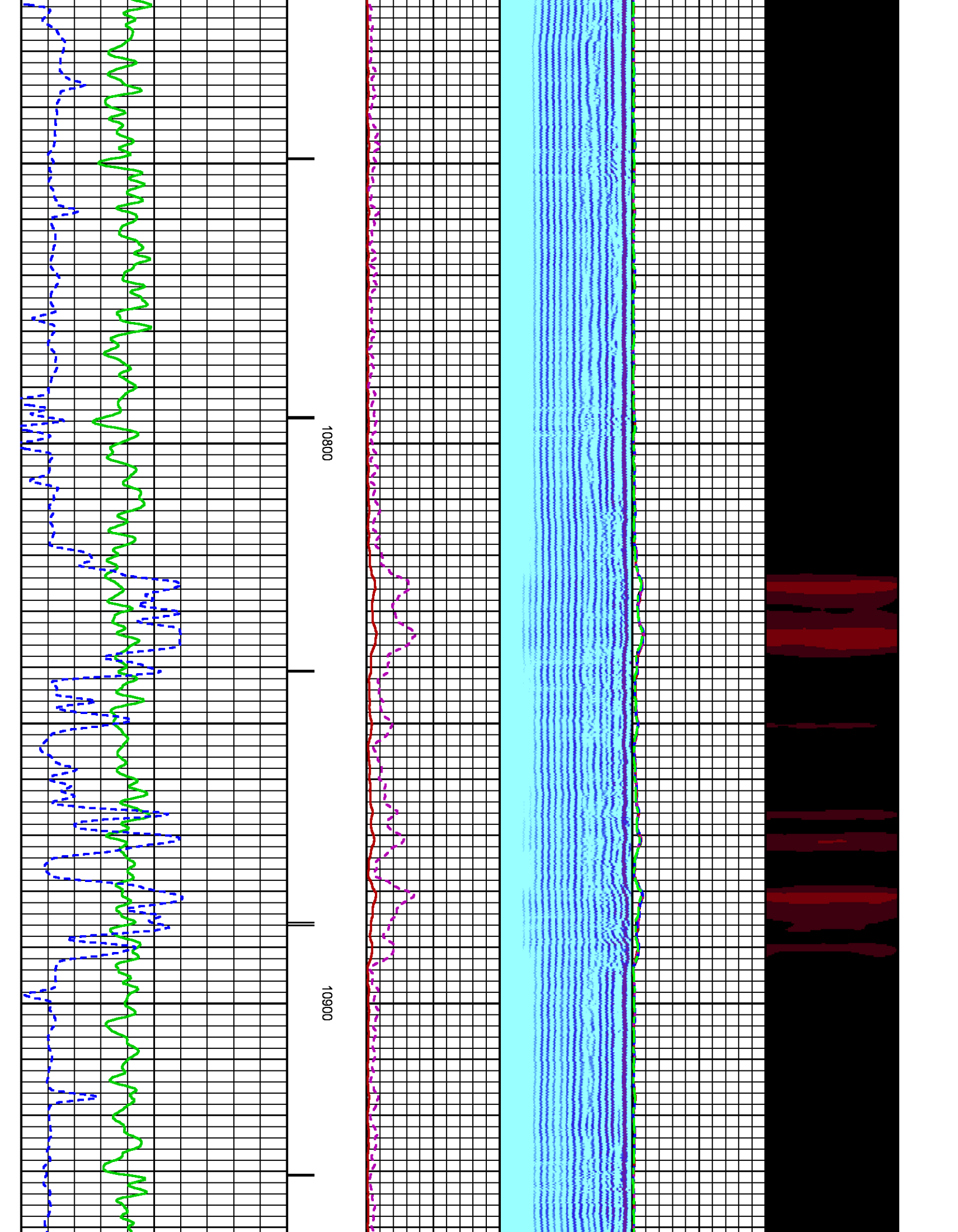


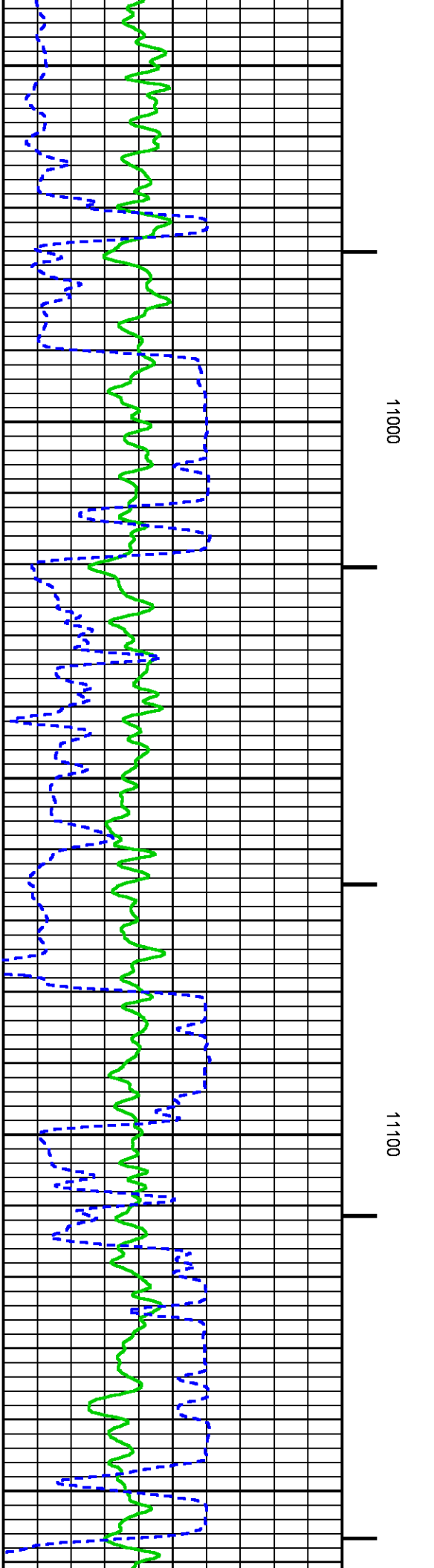
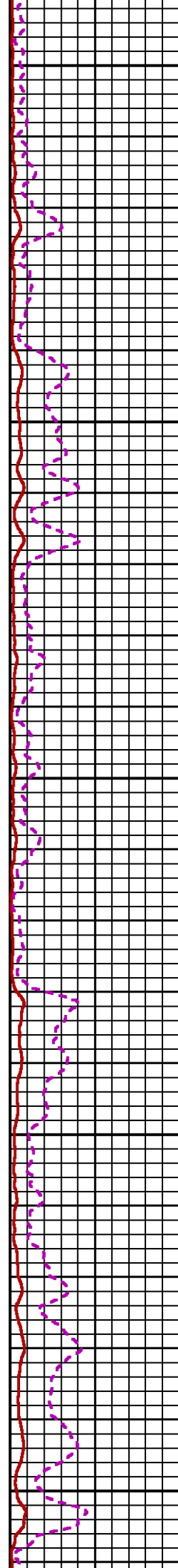
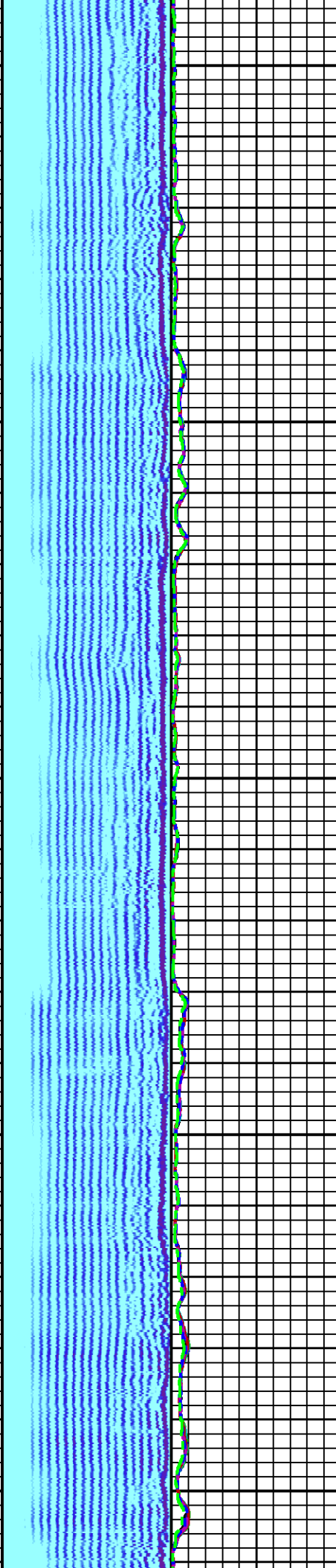
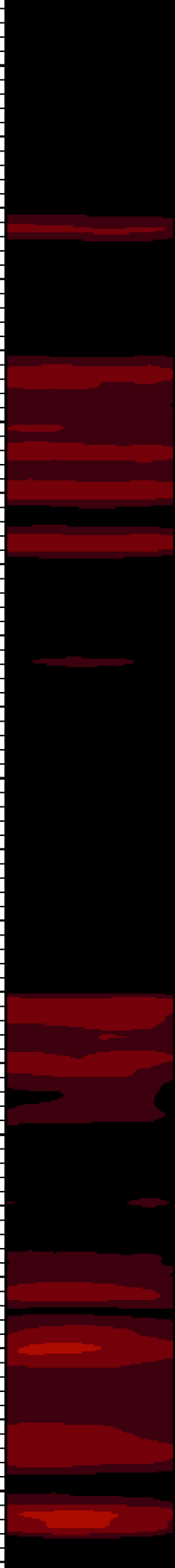


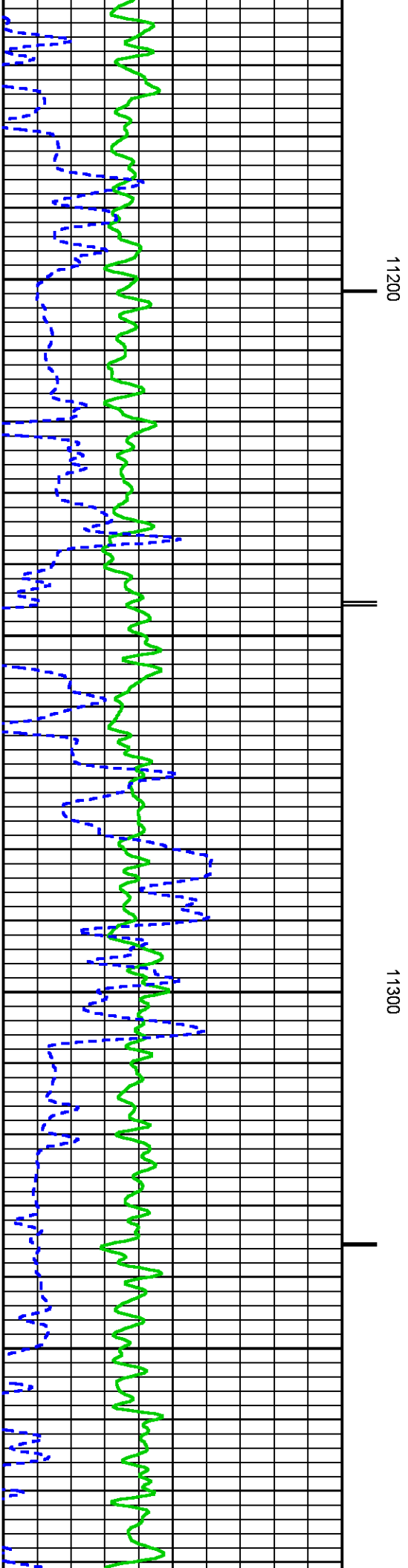
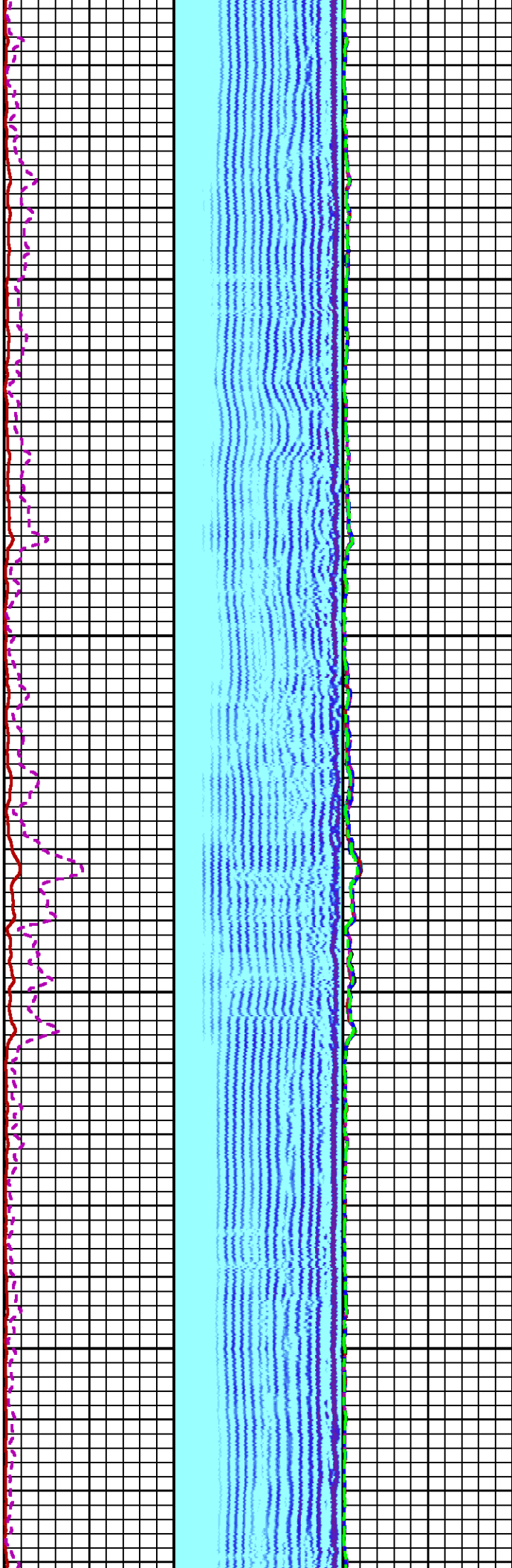




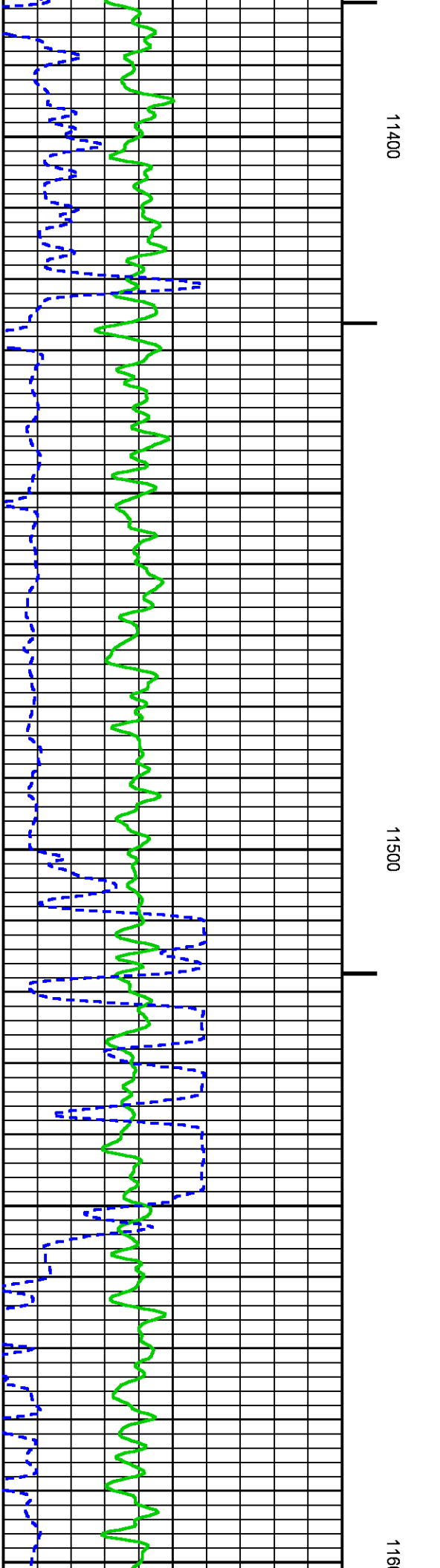
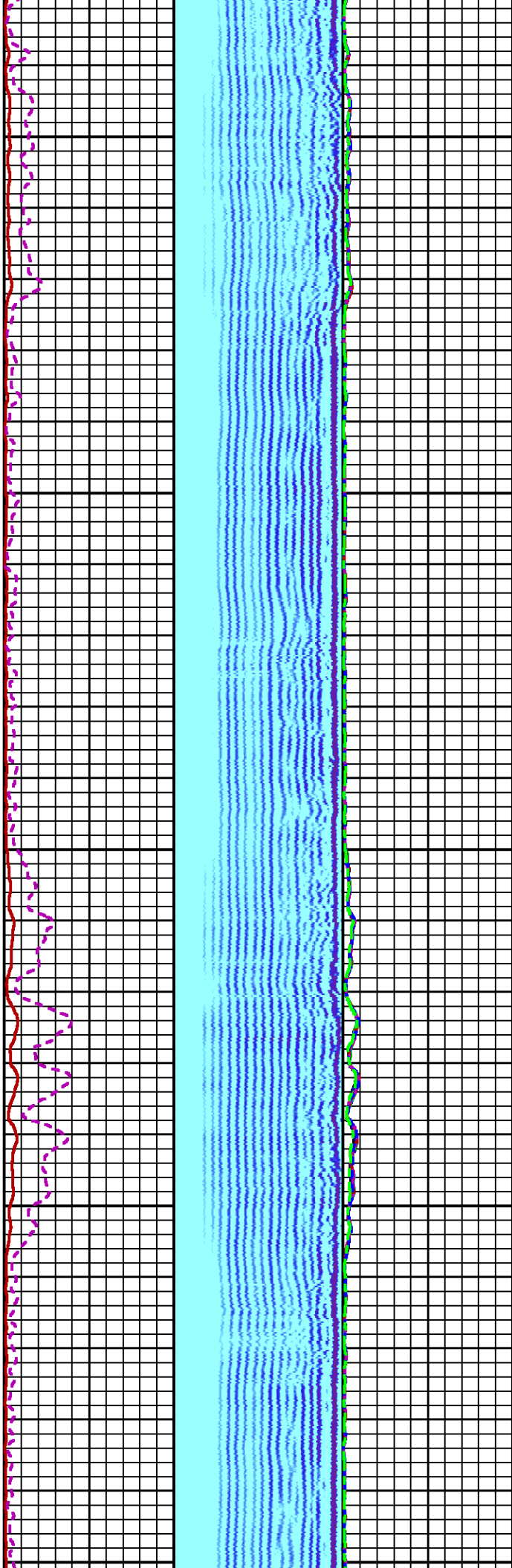
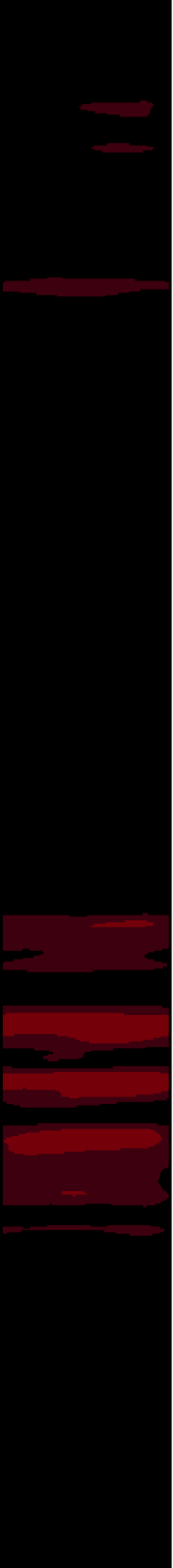


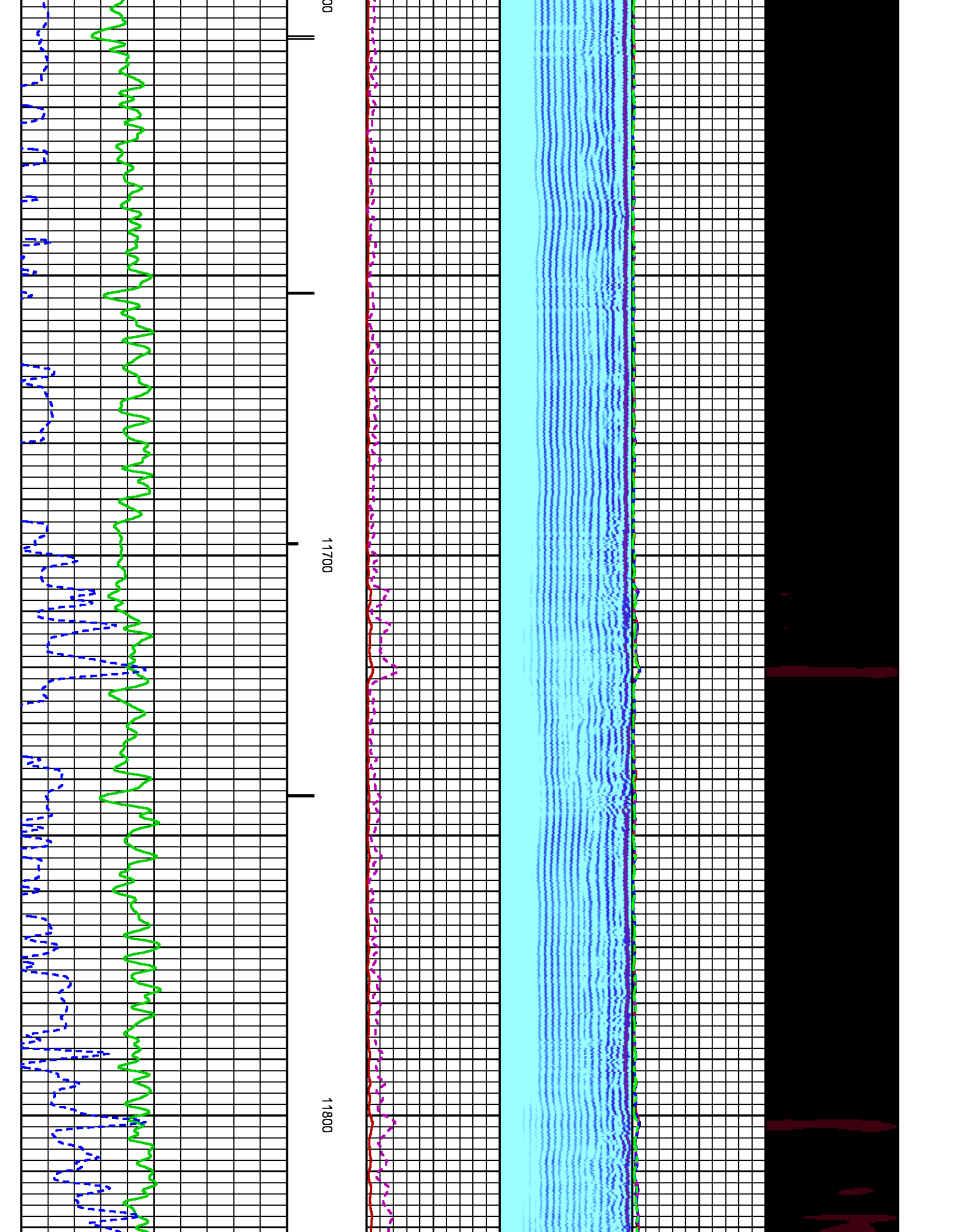


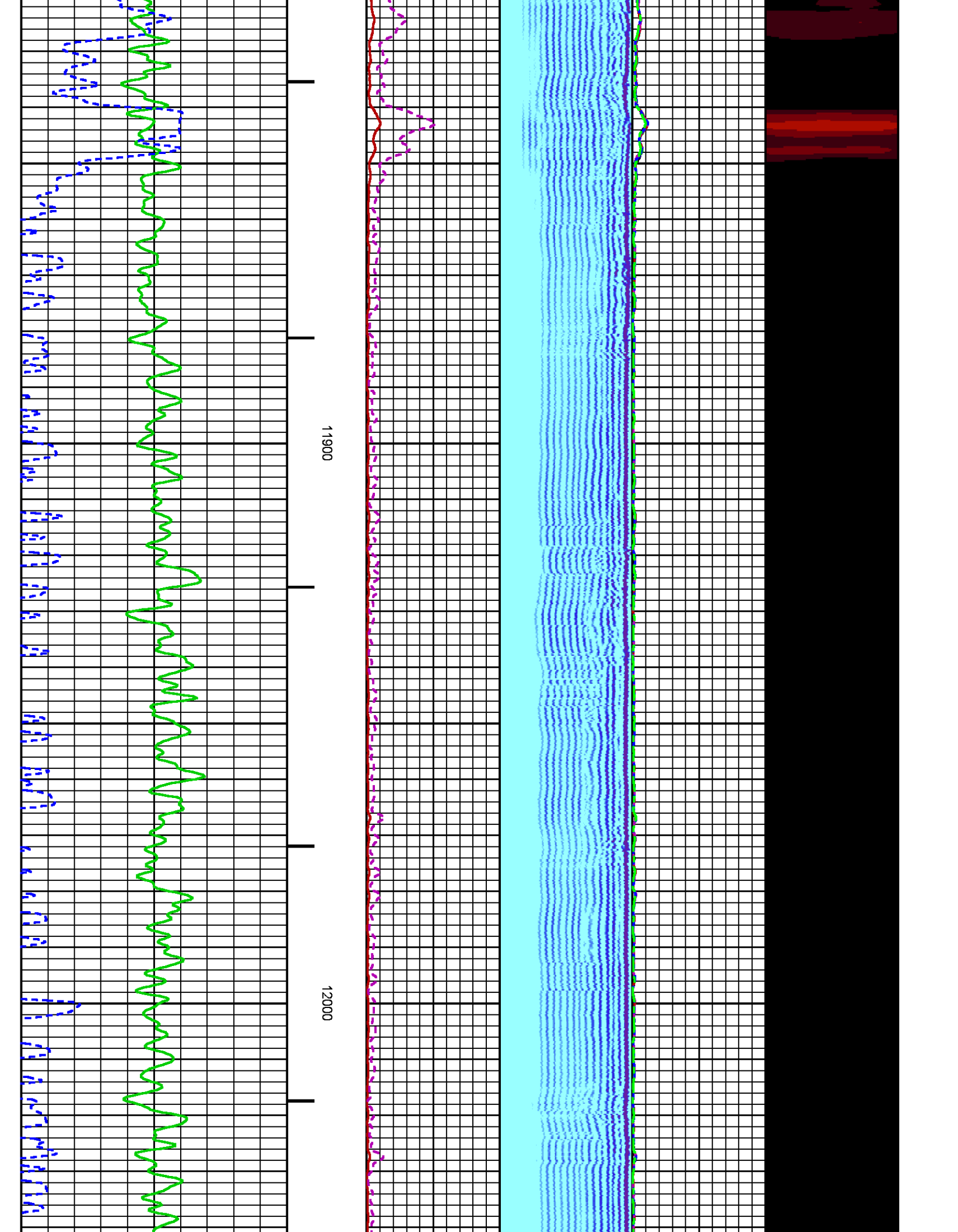


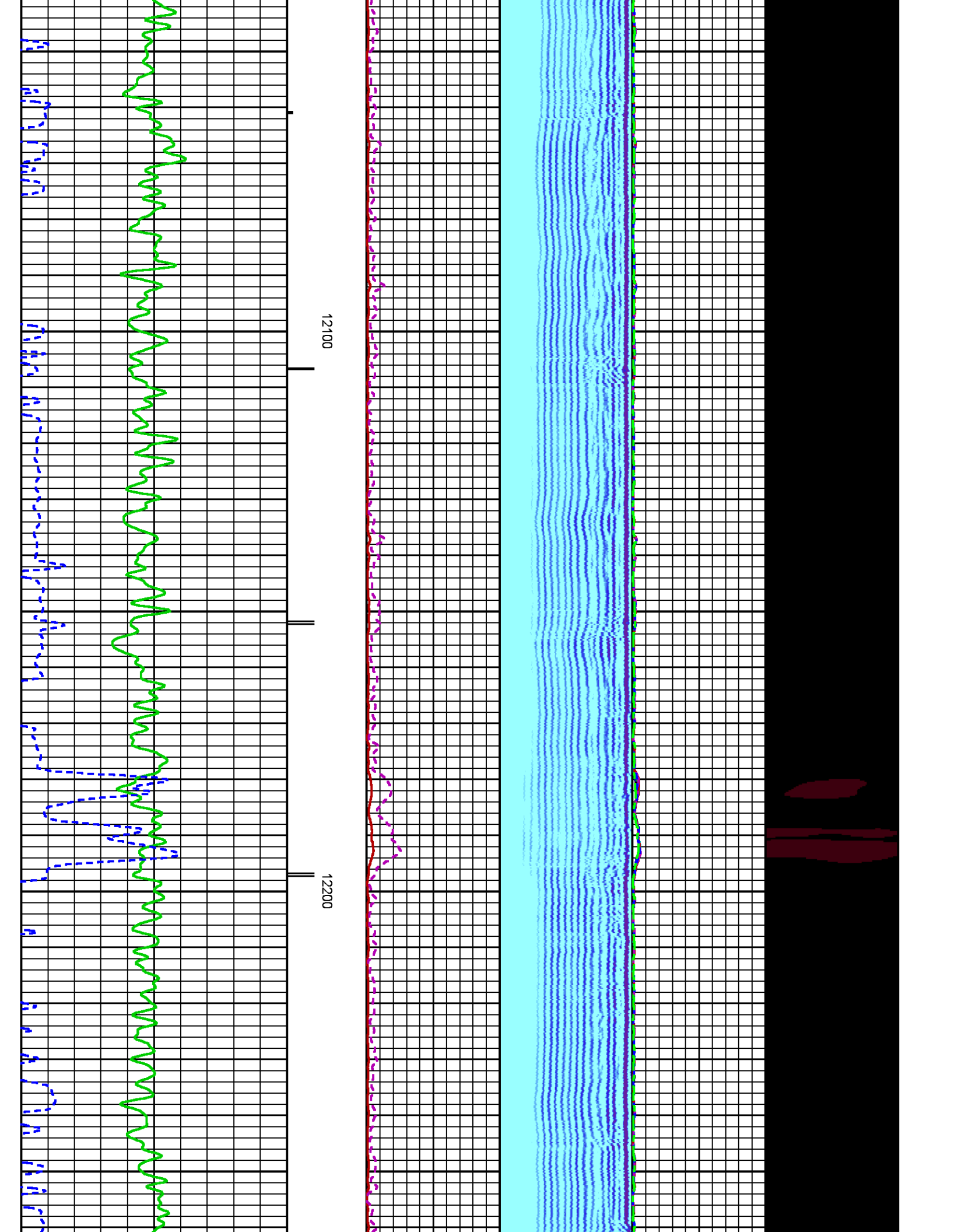




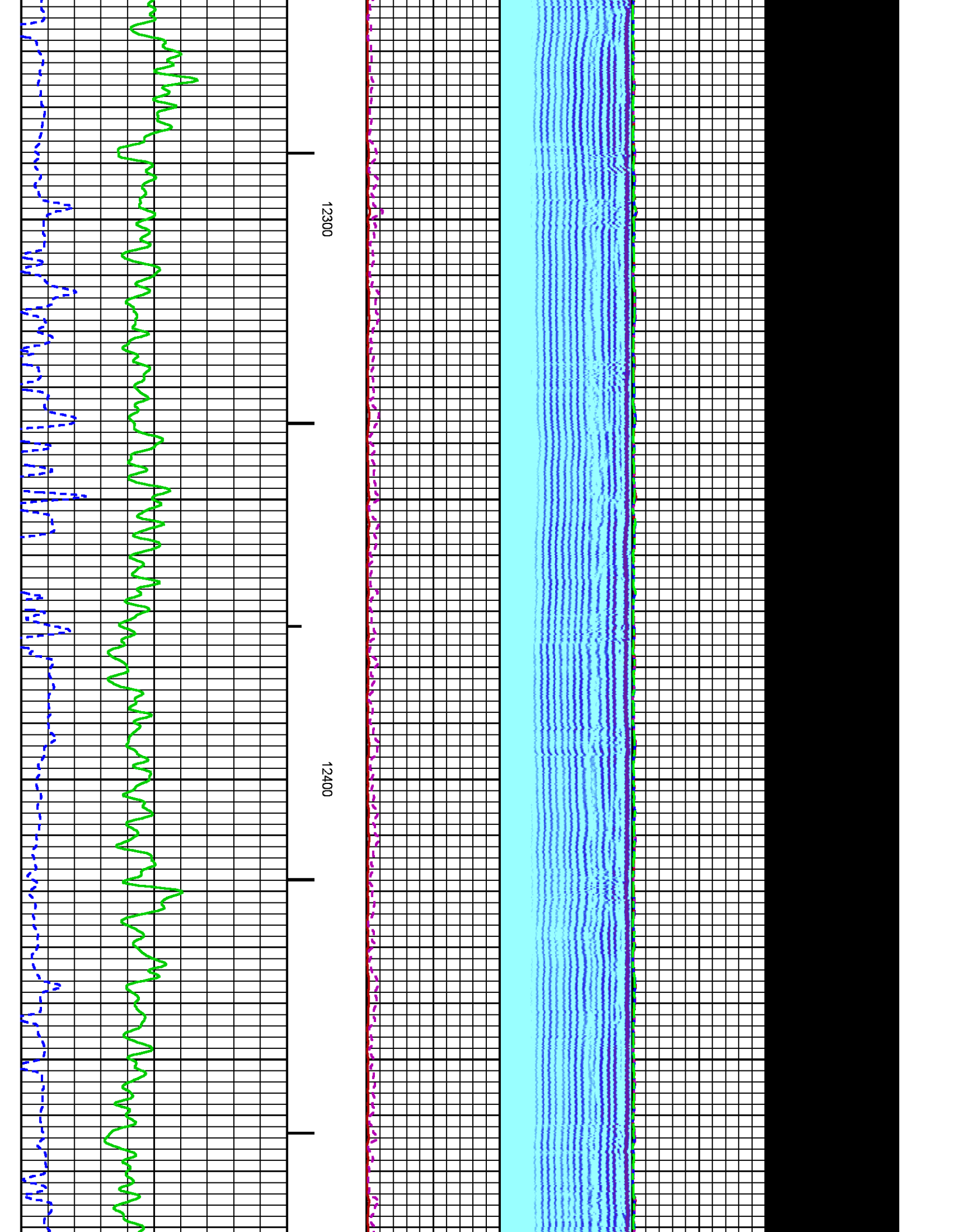


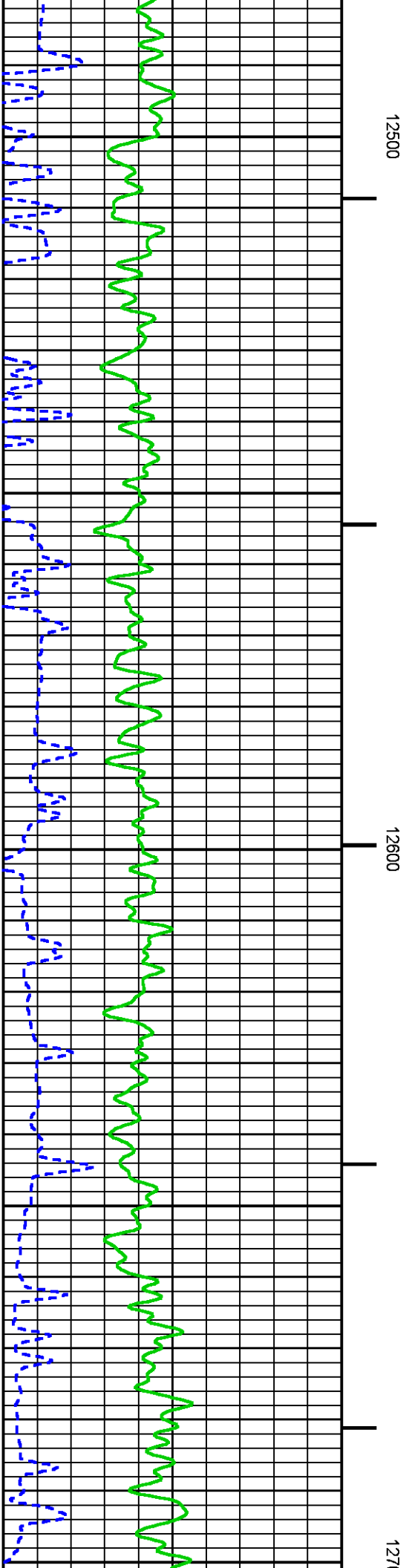
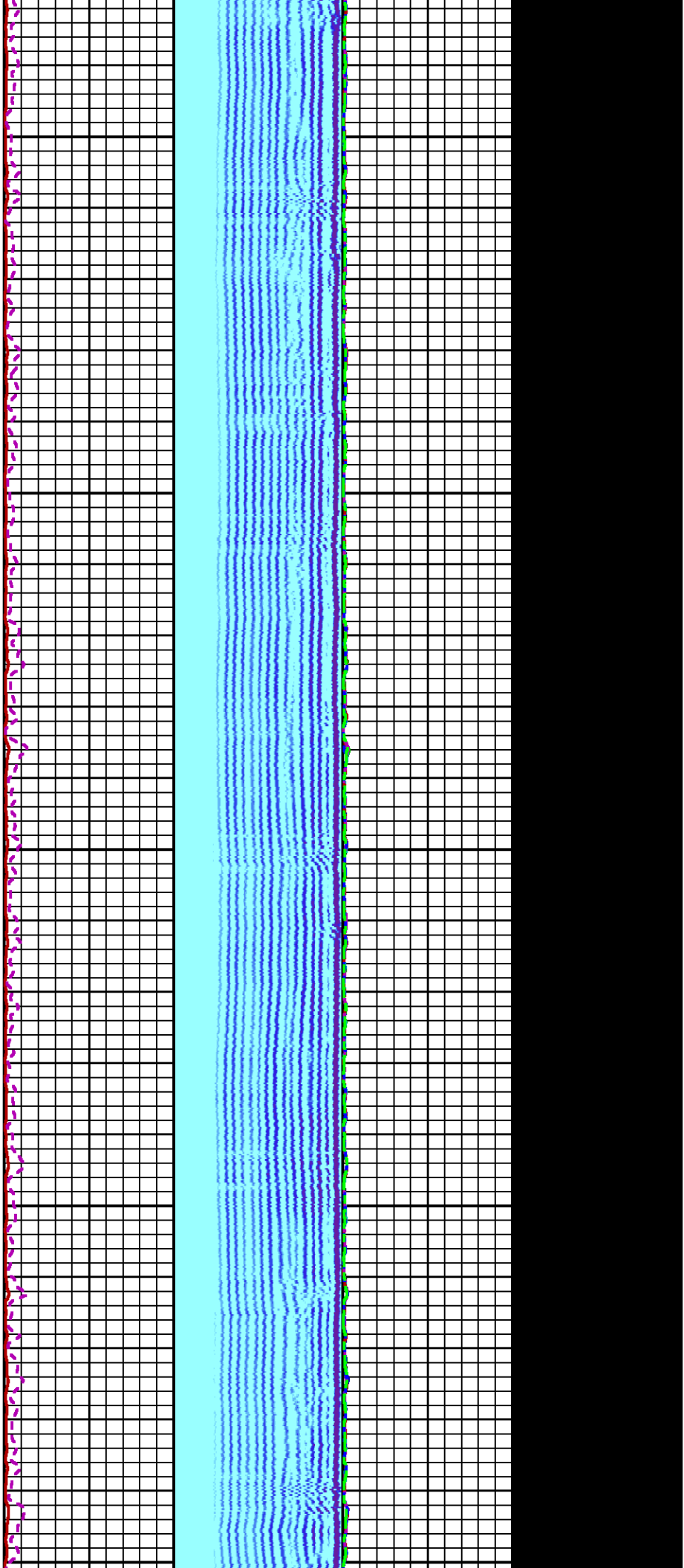


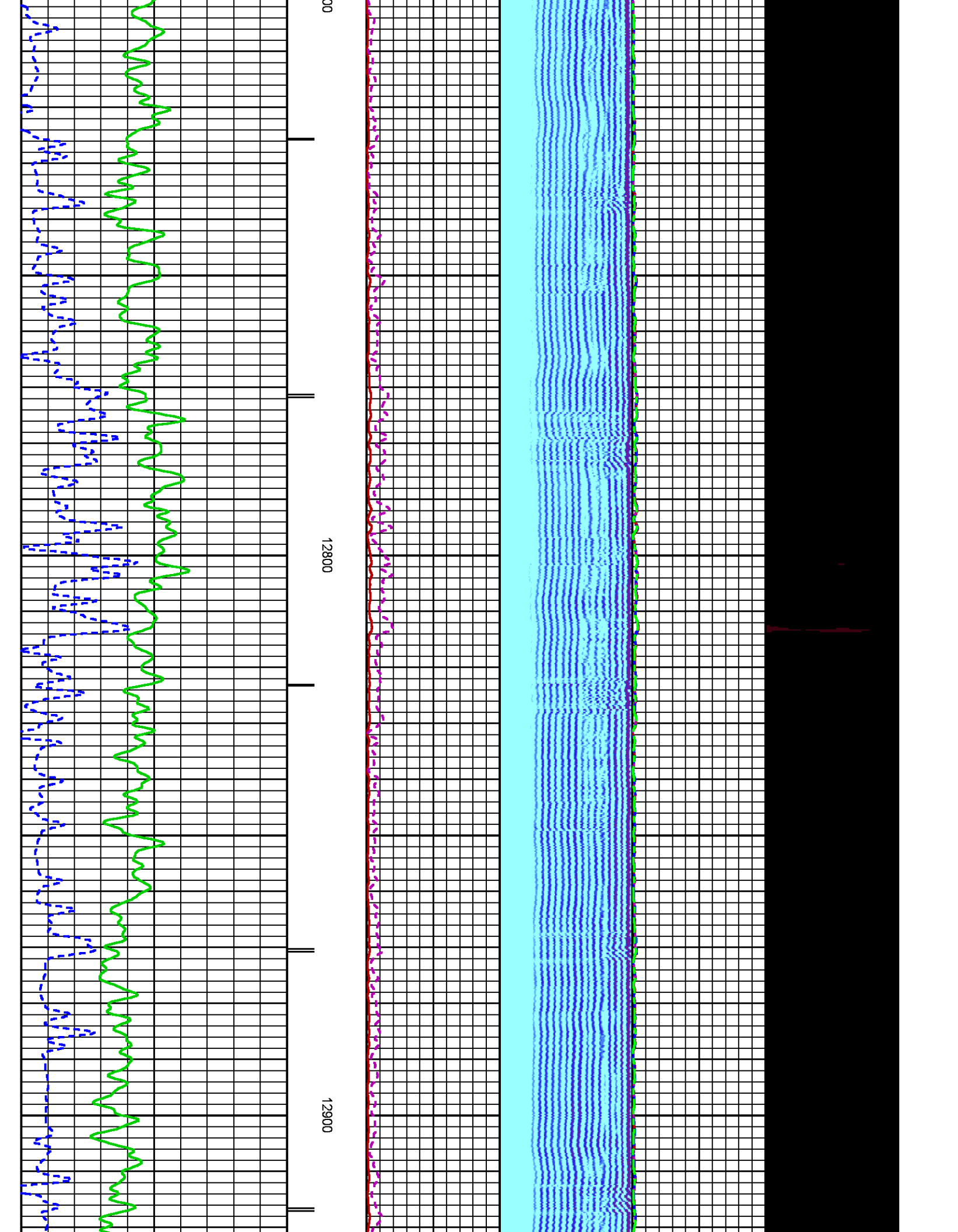


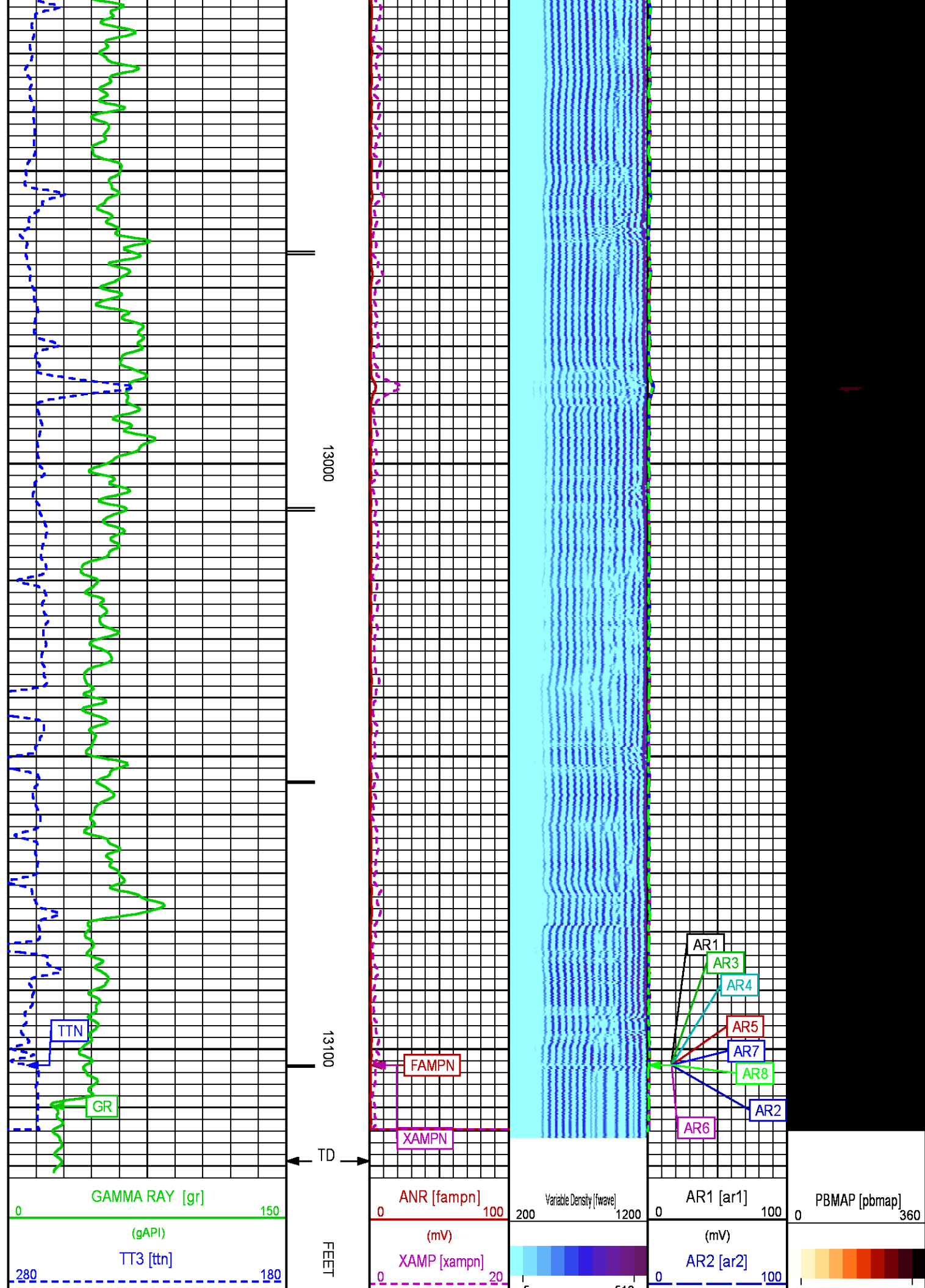




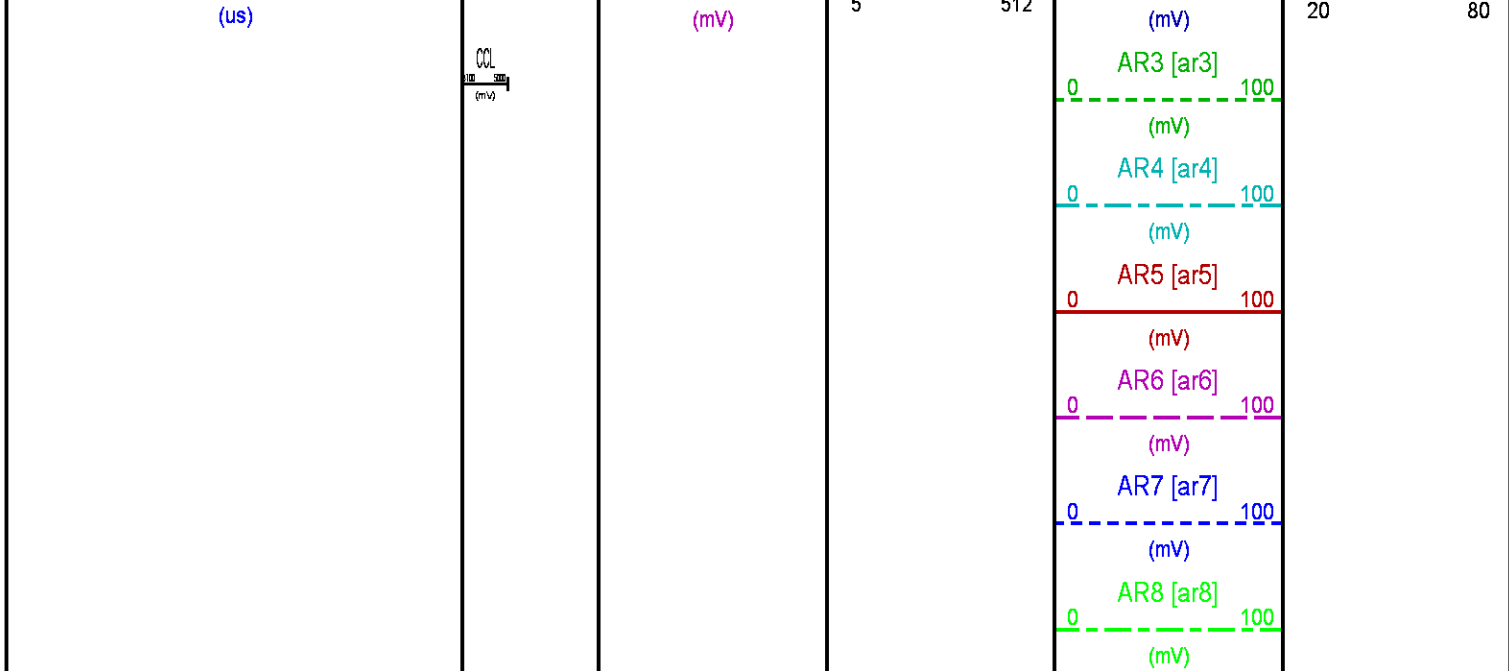












REPEAT LOG 0 PSI

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

Updates: 1

Plotted: Sat Jul 5 14:43:21 2014

## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH088114/n012eR03.prm  
LOGGING MODE: DEPTH DIRECTION: UP  
TOP DEPTH: 6358.000 ft BOTTOM DEPTH: 6730.000 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*)	195	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	167	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
				"	"
RAL CASING PARAMETERS	PPT NEAR	207.850	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-64	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	132	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

# CURVE DESCRIPTION REPORT

CURVE NAME CREATION DATE

CURVE DESCRIPTION

F1:CCL	Jul 5 10:24:14 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jul 5 10:24:14 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jul 5 10:24:14 2014	FAR WAVE FORM
F1:GR	Jul 5 10:24:14 2014	GAMMA RAY
F1:TTN	Jul 5 10:24:14 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jul 5 10:24:14 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

## CURVE MEASURE POINT OFFSET

CURVE OFFSET (ft)

CURVE OFFSET (ft)

CURVE OFFSET (ft)

CURVE OFFSET (ft)

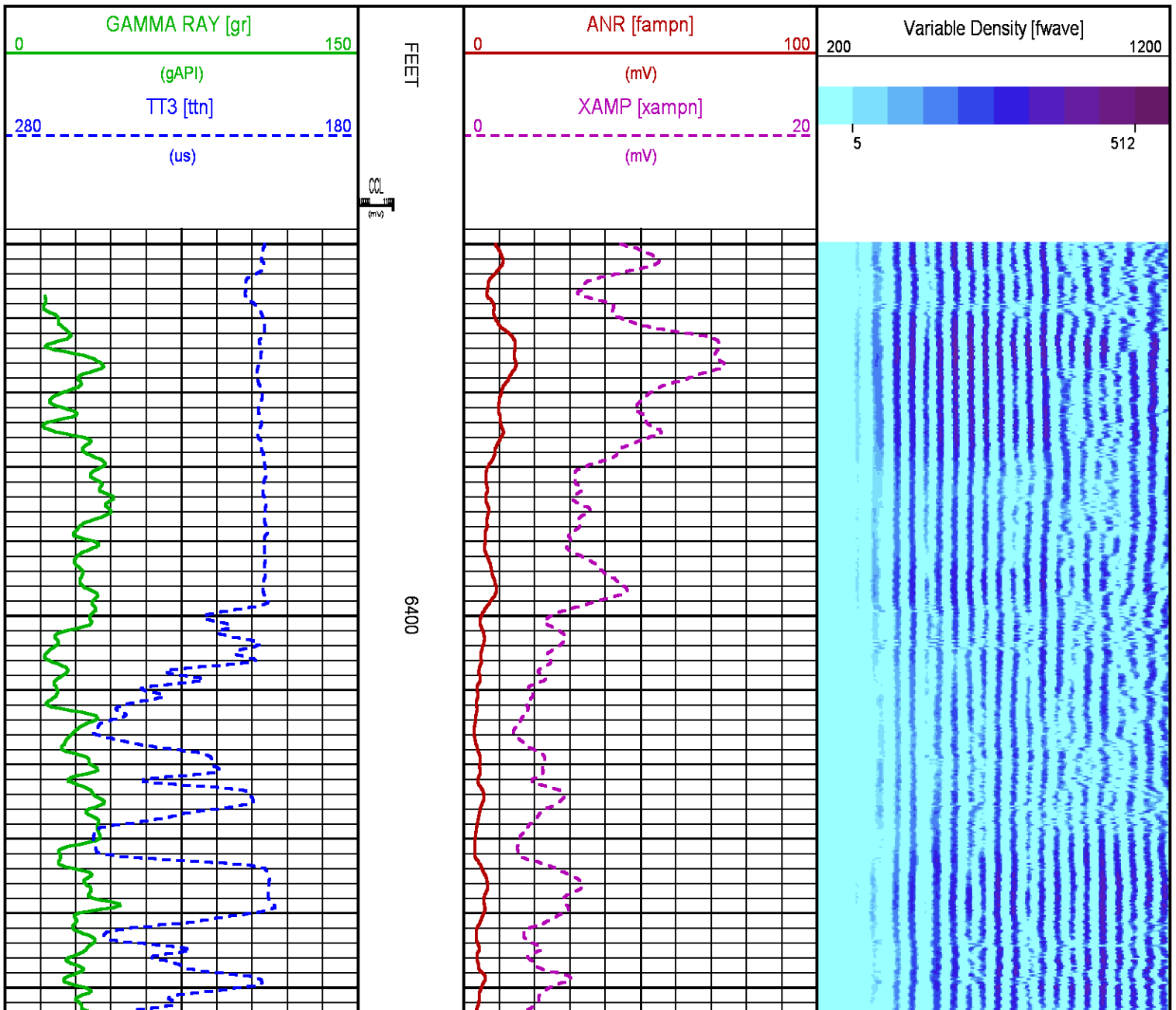
CCL 11.50  
FAMPN 16.50

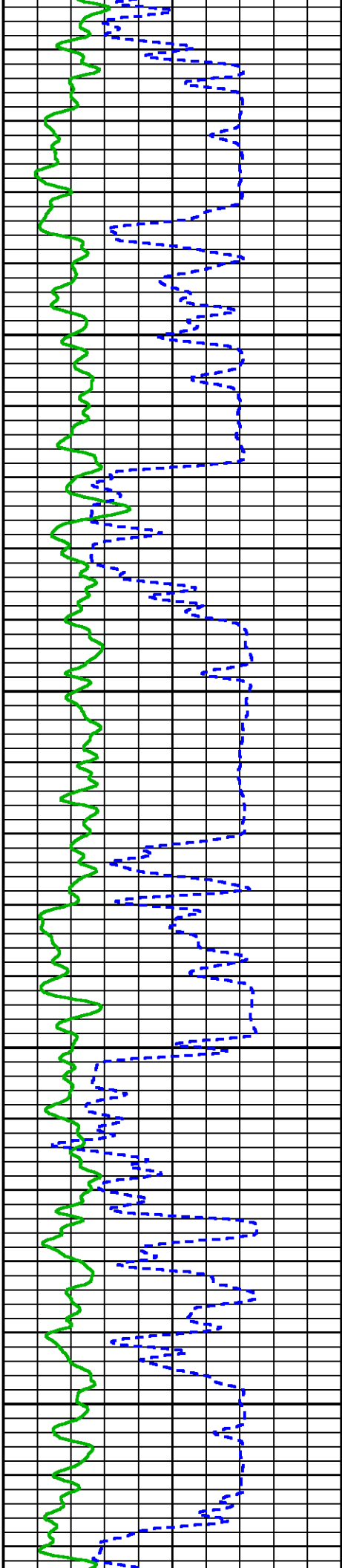
GR 9.50  
TTN 16.50

XAMPN 16.50

Presentation : HL6670:WPX\_CBL\_REPEAT\_PRESENTATION.fvpdf [5"/100' Scale]  
Plot Interval : 6349.75 - 6738.5 Feet

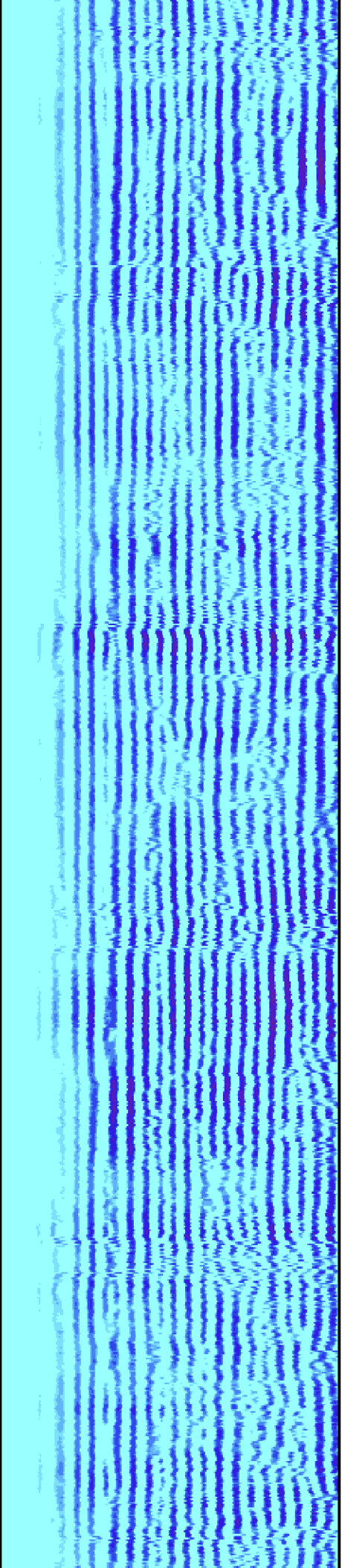
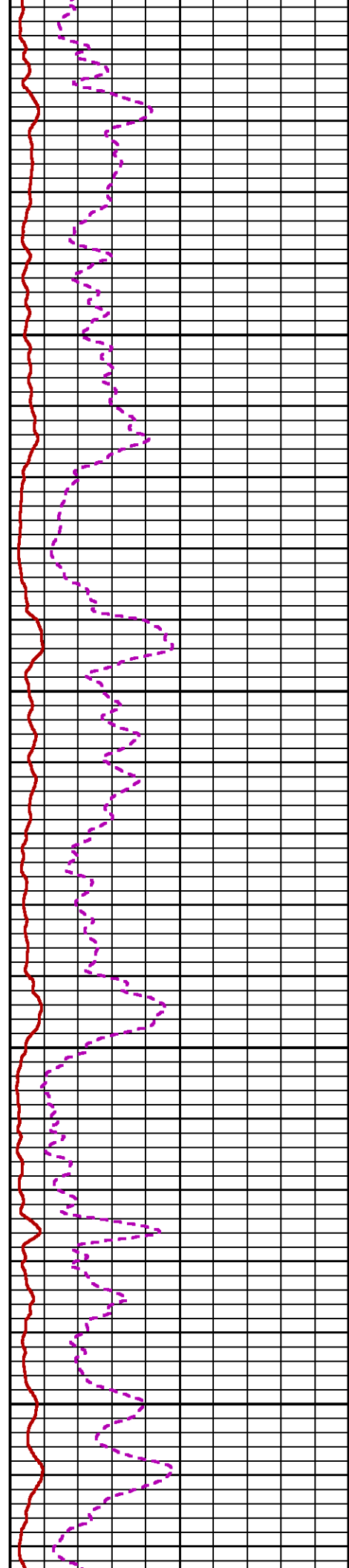
Data File 1 : F1 : HL6670:/dat1a/CH088114/n012eR03.xtf  
Created On : Jul 5 10:24:14 2014  
Company : WPX ENERGY INC  
Well : PUCKETT LAND COMPANY PA 744-26  
Field : GRAND VALLEY  
File Interval : 6348.75 - 6740 Feet  
OCT : n012e

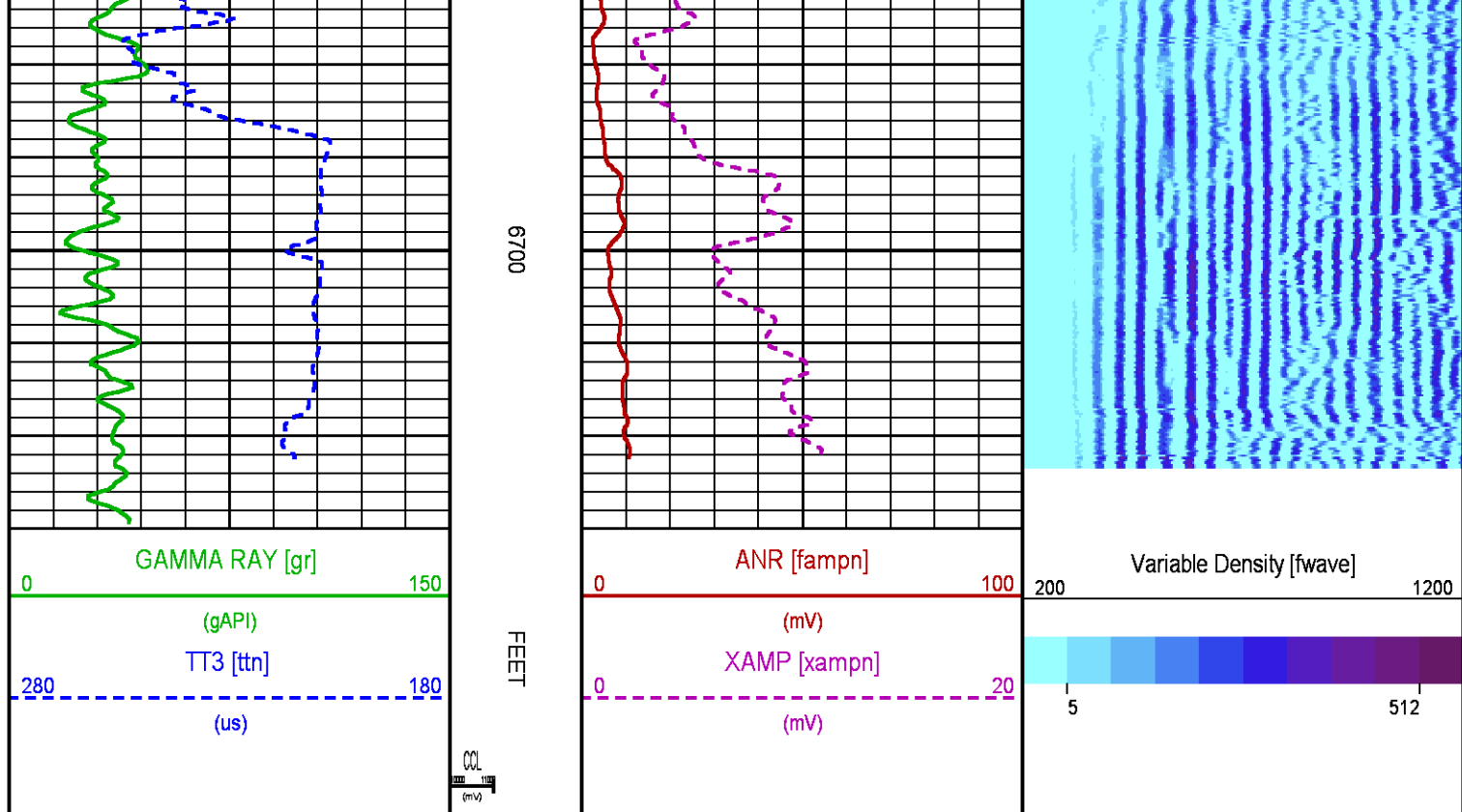




0099

6500





## CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH088114/n012e.tp1

### RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10218495

DATE/TIME PERFORMED: Thu Jul 3 14:18:22 2014

UNIT #: 3880TA HL6670

	NEAR (mV)	RADIAL (mV)	FAR (mV)
TARGETS	100.00	100.00	150.00

	NEAR	R1	R2	R3	R4	R5	R6	R7	R8	FAR	CAL
ZERO (mV)	1.28	1.13	1.47	1.49	1.45	1.39	1.44	1.06	0.94	-1.49	0.06
AMP FLUID (mV)	147	145	145	145	145	146	146	147	147	210	145
TT (us)	216	217	216	215	214	214	214	215	217	325	217
M FACTOR	0.68	0.69	0.70	0.69	0.70	0.69	0.69	0.69	0.68	0.71	0.69

### RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10218495

DATE/TIME PERFORMED: Thu Jul 3 15:11:08 2014

DAYS SINCE CAL: 0

UNIT #: 3880TA HL6670

CABLE #: 6670SM SMALL1

	NEAR (mV)	R1 (mV)	R2 (mV)	R3 (mV)	R4 (mV)	R5 (mV)	R6 (mV)	R7 (mV)	R8 (mV)	FAR (mV)	CAL (mV)
ZERO	0.93	0.78	0.76	0.76	0.83	0.89	0.94	0.87	0.87	1.28	0.02
AMP AIR	-0.24	-0.24	-0.17	-0.25	-0.25	-0.17	-0.37	-0.21	-0.25	-0.64	99.23

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
0.69	0.00	1.01



## GR PRIMARY CALIBRATION SUMMARY

TOOL #: 2459XA 10417457

DATE/TIME PERFORMED: Thu May 15 08:17:39 2014

UNIT #: 3880TA HL6670

CALB JIG #: 4702NK DA-041

	BACKGROUND CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	44.62	286.62	0.764	34.11	219.11

## GR PRIMARY VERIFICATION SUMMARY

TOOL #: 2459XA 10417457

DATE/TIME PERFORMED: Thu May 15 08:19:13 2014

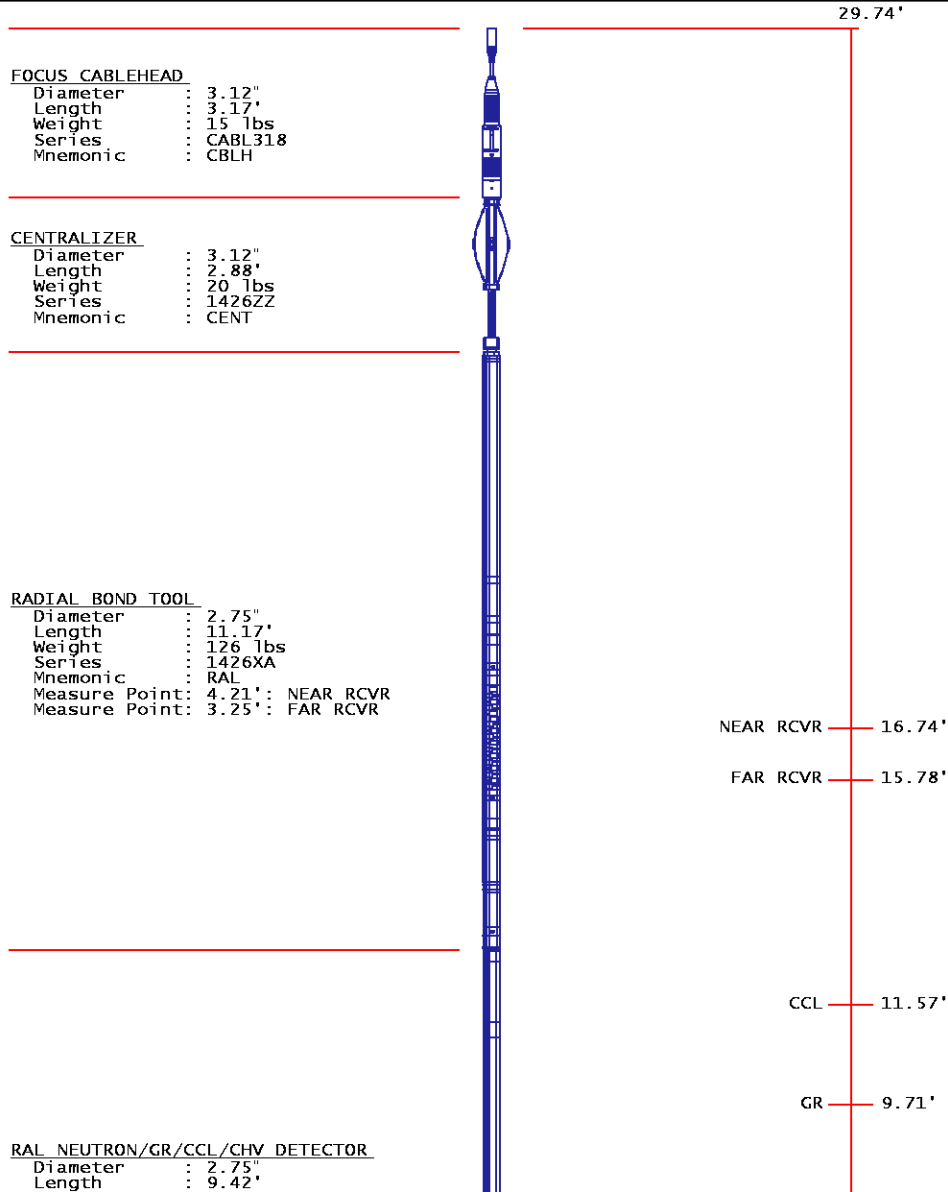
UNIT #: 3880TA HL6670

VERI JIG #: 4702NK DA-041

	BACKGROUND CALBRTR ON (cts)	MULT	BACKGROUND CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	42.62	0.764	32.58	182.86
				175.00 195.00

## INSTRUMENT CONFIGURATION

Source File: /dat1a/CH088114/n012e~~tdg



Weight : 106 lbs  
Series : 2459XA  
Mnemonic : RAL  
Measure Point: 8.46': CCL  
Measure Point: 6.60': GR  
Measure Point: 1.21': NEU

NEU 4.32'

CENTRALIZER

Diameter : 3.12"  
Length : 2.88'  
Weight : 20 lbs  
Series : 1426ZZ  
Mnemonic : CENT

BULL PLUG 3 1/8

0.00'

TOTAL LENGTH: 29.74'  
TOTAL WEIGHT: 289 lbs  
MAX DIAMETER: 0'3.12'



COMPANY WPX ENERGY INC  
WELL PUCKETT LAND COMPANY PA 744-26  
FIELD GRAND VALLEY  
COUNTY GARFIELD STATE CO

FILE NO: US088114  
API NO: 05045223700000

LOCATION: SUL: 342°E N1 111°E E1 S25 T6S R05W

ELEVATIONS:  
KB 5189 FT

S26 T6S R95W  
PAD: 341-35



SRL: 240 FNL 1149 FEL S35 T6S R95W  
BHL: 656' FSL 624 FEL S26 T6S R95W

DF  
GL 5168 FT

RIG: CYCLONE 17

SEC 26 TWP 6S RGE 95W

DATE 03-Jul-2014