



FILE NO: CH094695	COMPANY WELL FIELD COUNTY	WPX ENERGY WPX ENERGY GM 42-28 GRAND VALLEY GARFIELD STATE CO
API NO: 05045225070000		

Ver. 3.87 28 GS 96W GM 323-28 PAD H&P 318	LOCATION: SHL: 1535' FSL & 2324' FWL BHL: 1514' FNL & 1032' FEL SEC 28 TWP 6S RGE 96W	OTHER SERVICES RPM
--	--	-----------------------

PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	GL KB KB ELEVATION 24 FT 5476 FT ABOVE P.D.	ELEVATIONS: KB 5500 FT DF GL 5476 FT
---	---	---

DATE	01-Mar-2015
RUN	1
TRIP	1
SERVICE ORDER	US094695
DEPTH DRILLER	7845 FT
DEPTH LOGGER	7810 FT
BOTTOM LOGGED INTERVAL	7800 FT
TOP LOGGED INTERVAL	24 FT
TIME STARTED	7:30
TIME FINISHED	11:00
OPERATOR RIG TIME	3.5 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	52 FT
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	65 FMIN
MAX. RECORDED TEMP.	232 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	HL-6670
LOCATION	GRAND JCT.
RECORDED BY	NEWELL
WITNESSED BY	KYLE KOHL

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	24 FT	1557 FT
8.75 IN	1557 FT	7941 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			24 FT	1557 FT
4.5 IN	11.6 LB/F	I-80	24 FT	7941 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 zero PSI at wellhead.	
BHT = 232 degF SJ = 4323' - 4343'	

EQUIPMENT DATA				
RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.
1	1	CCL	1122X1	1215 1057

1	1	CBL	1426XA	10154957	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: 4

Plotted: Sun Mar 1 12:13:47 2015

### PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH094695/n012e02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 25.500 ft BOTTOM DEPTH: 7814.750 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*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
	TT WINDOW START (ttn*)	176	us	"	"
TRAVEL TIME WINDOW (NEAR)	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*)	-66	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	Mar 1 08:42:15 2015	CASING COLLAR LOCATOR
F1:FAMPN	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Mar 1 08:42:15 2015	FAR WAVE FORM
F1:GR	Mar 1 08:42:15 2015	GAMMA RAY
F1:TTN	Mar 1 08:42:15 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

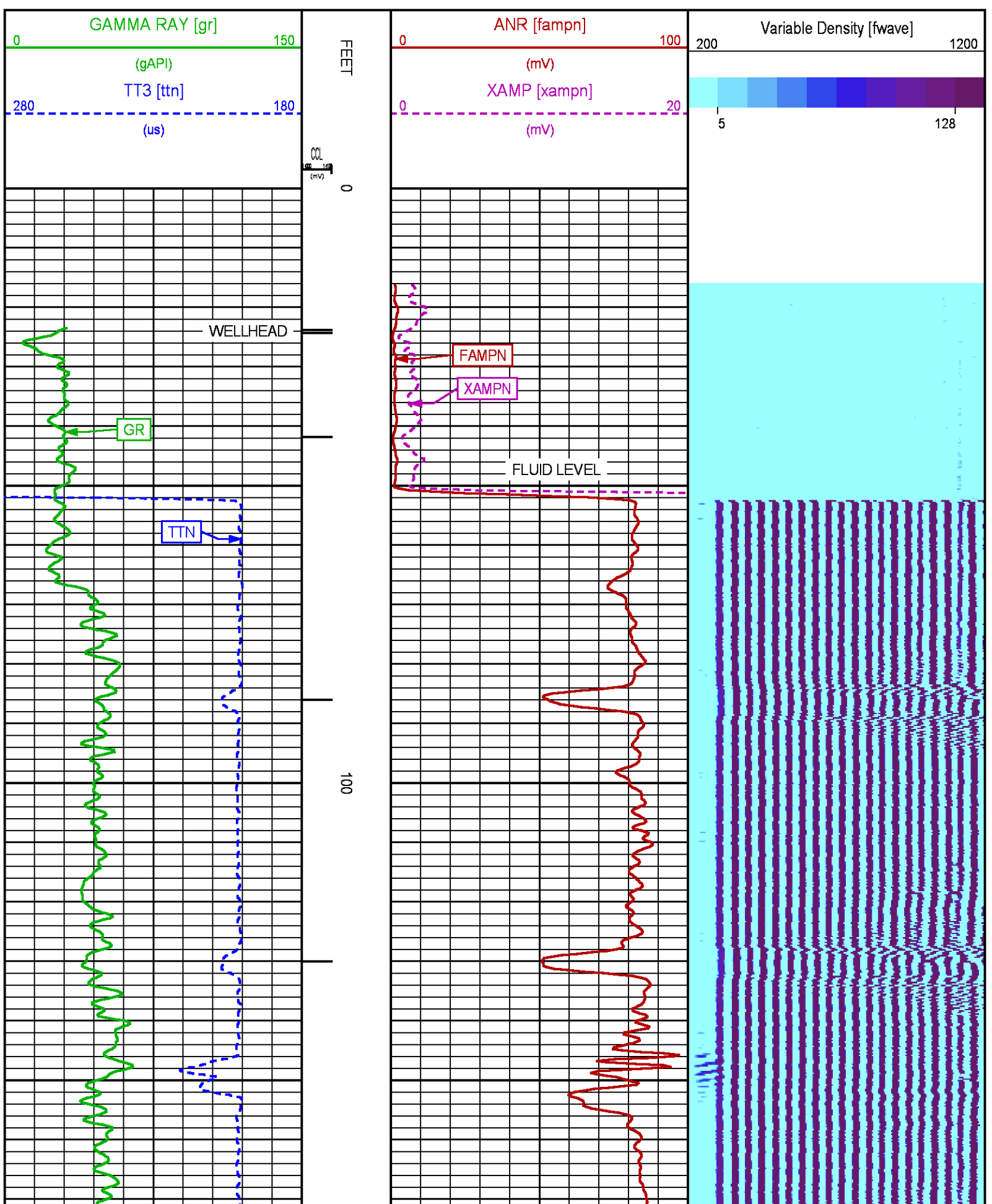
### CURVE MEASURE POINT OFFSET

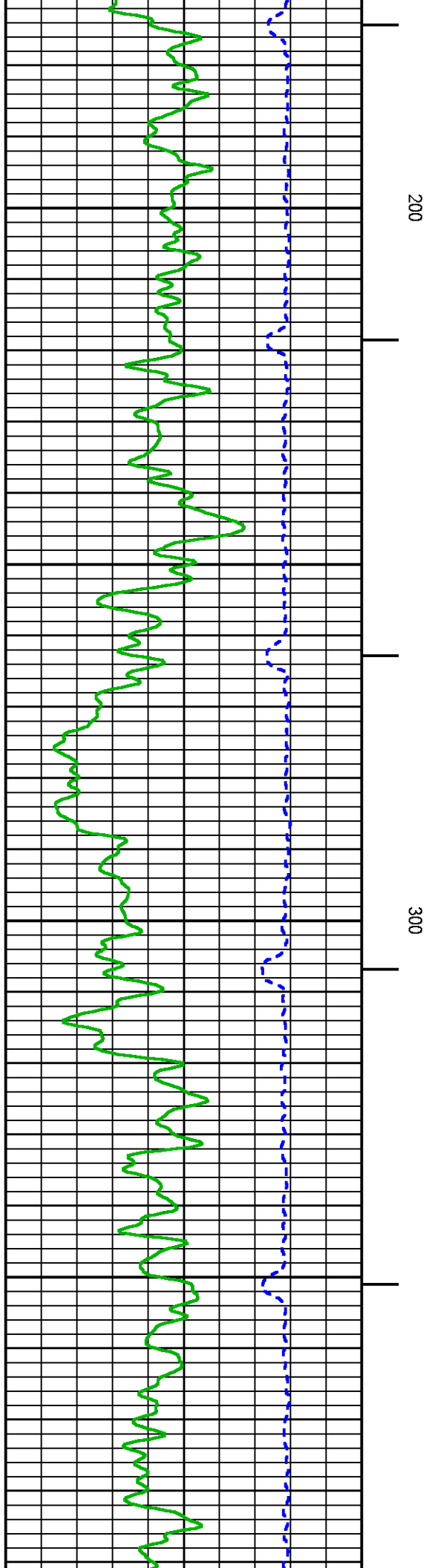
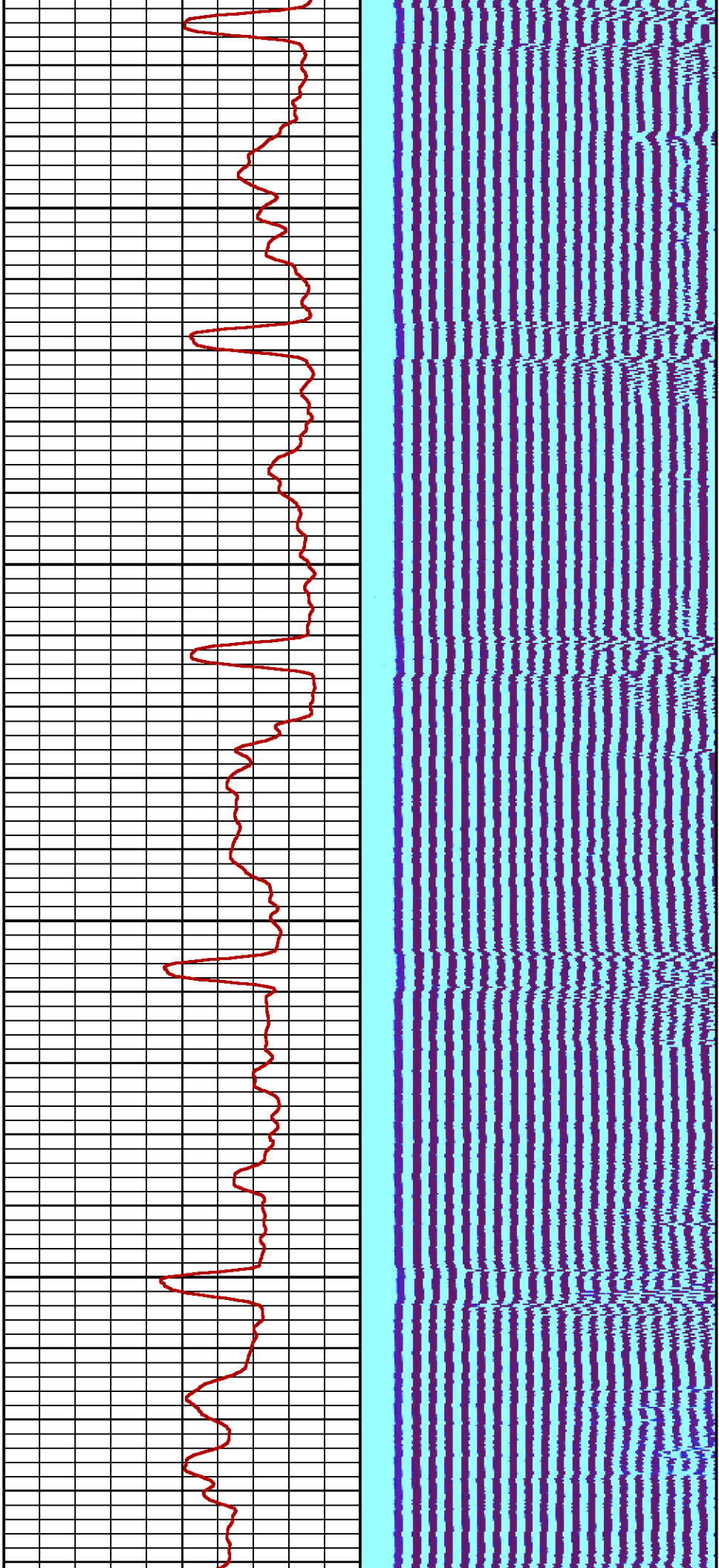
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

Presentation : HL6670:/dat1a/CH094695/42CBL\_PRIMARY.fvpdf [5"/100' Scale]  
 Plot Interval : 0 - 7815 Feet

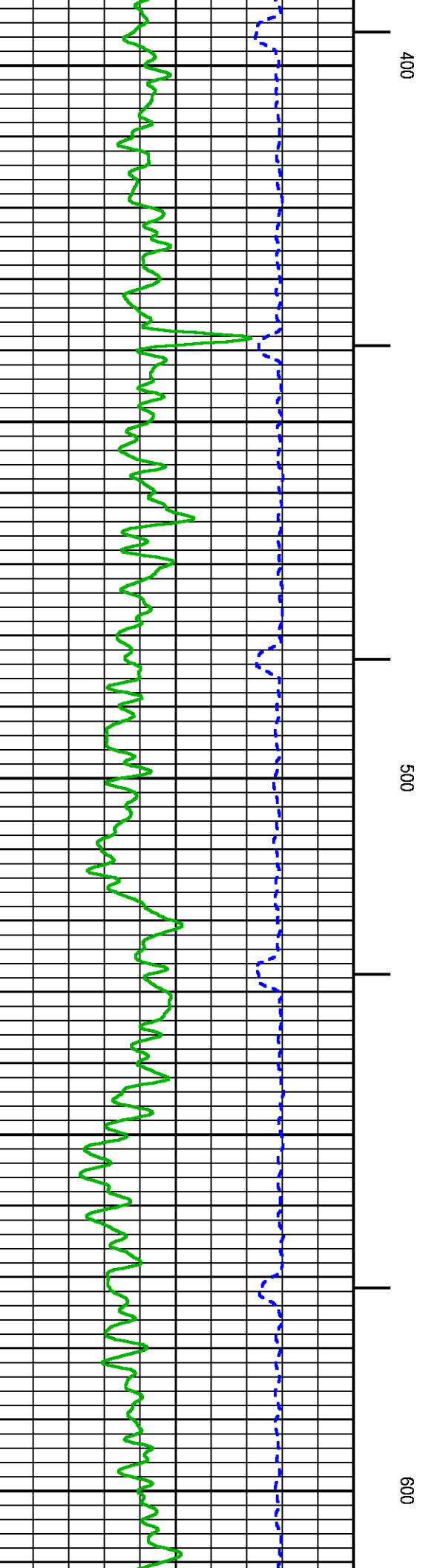
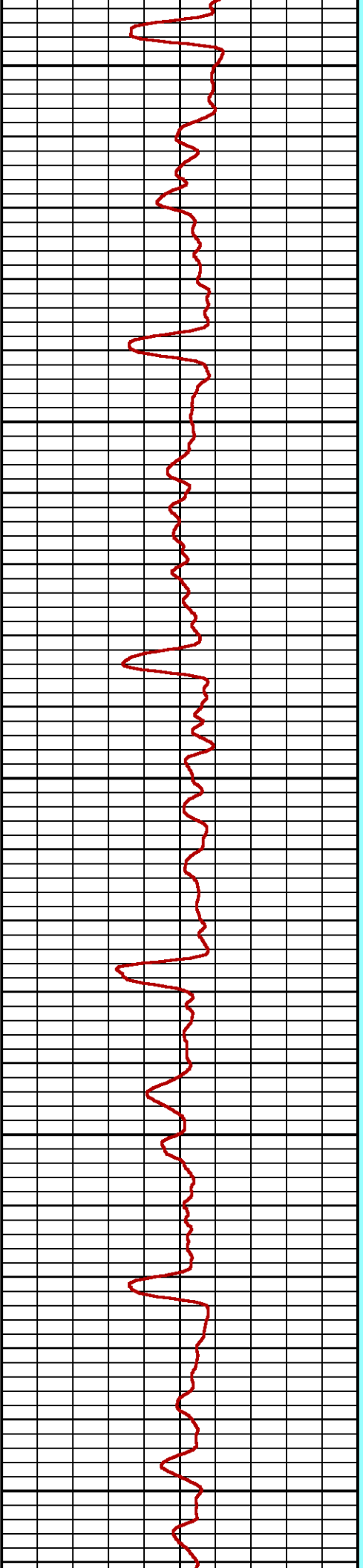
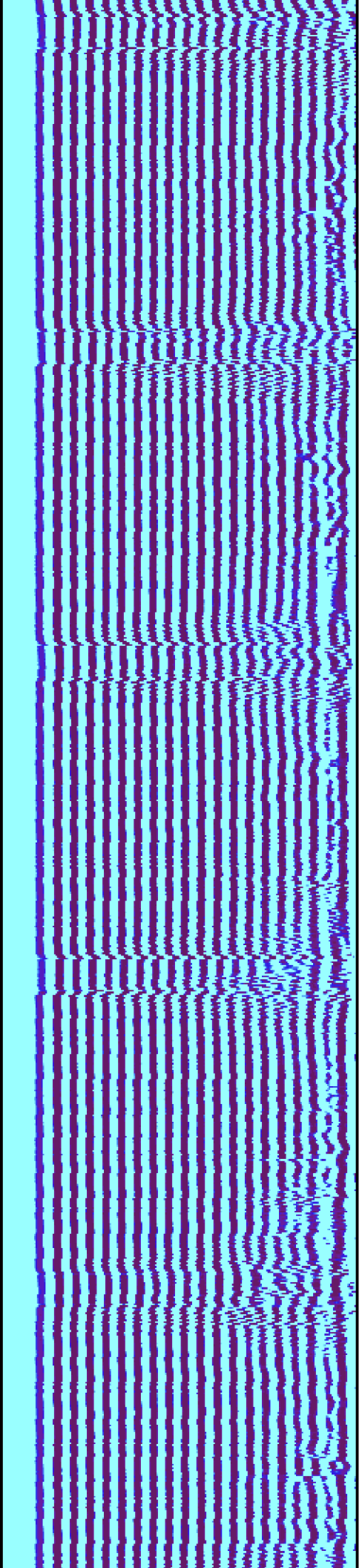
Data File 1 : F1 : HL6670:/dat1a/CH094695/42CBL\_MAIN.xtf  
 Created On : Mar 1 08:42:15 2015

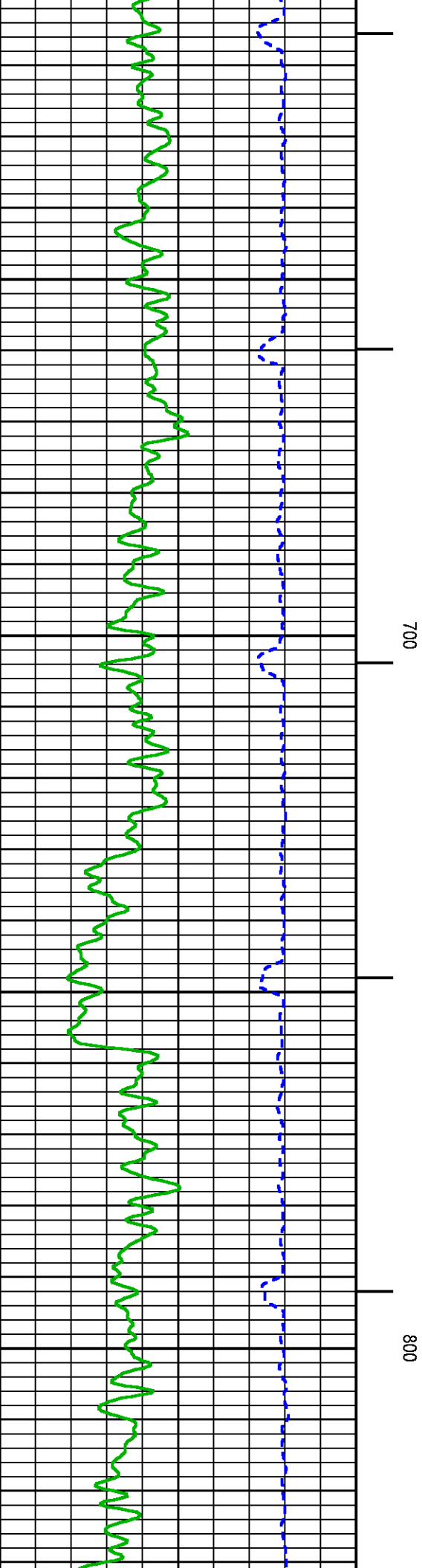
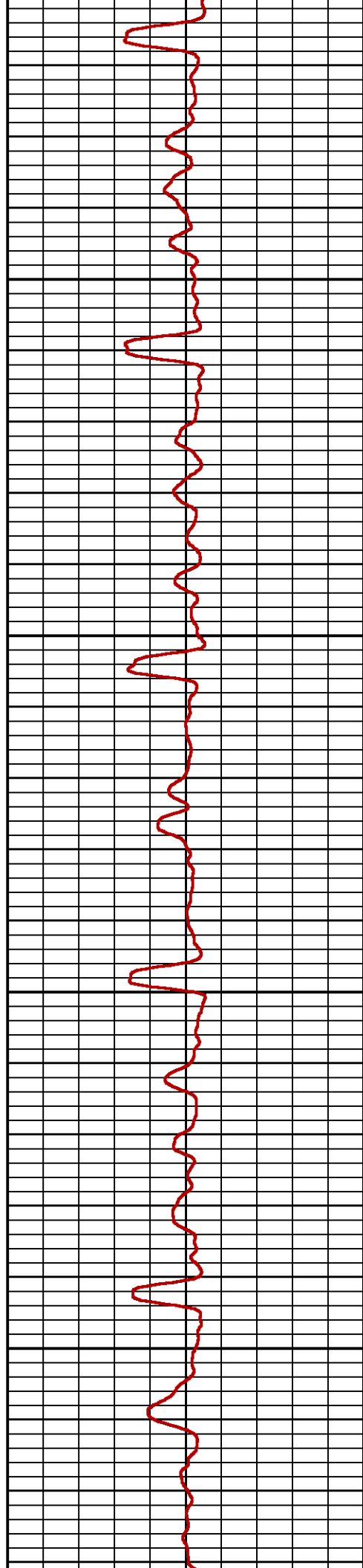
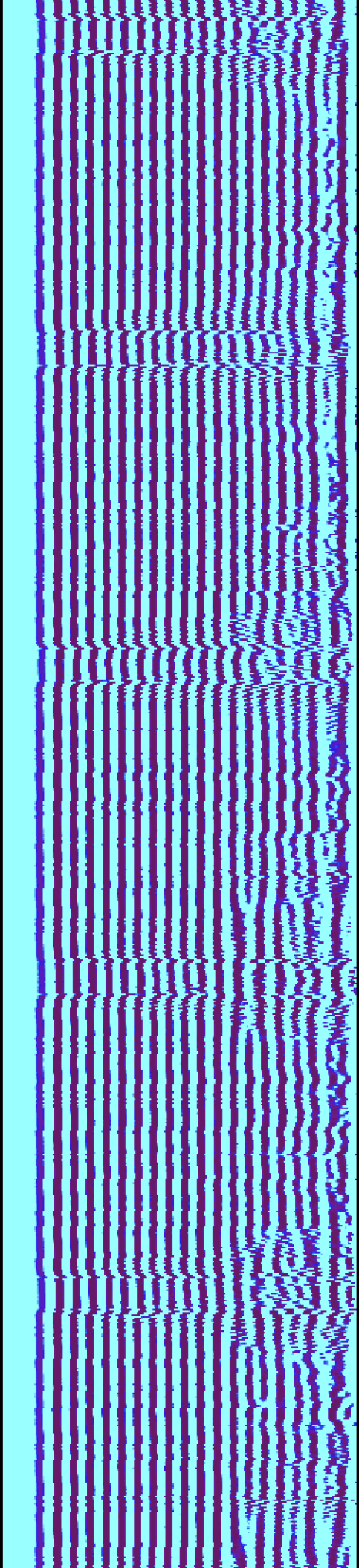
Created On : Mar 1 08:42:15 2015  
Company : WPX ENERGY  
Well : WPX ENERGY GM 42-28  
Field : GRAND VALLEY  
File Interval : 15 - 7818.25 Feet  
OCT : n012e

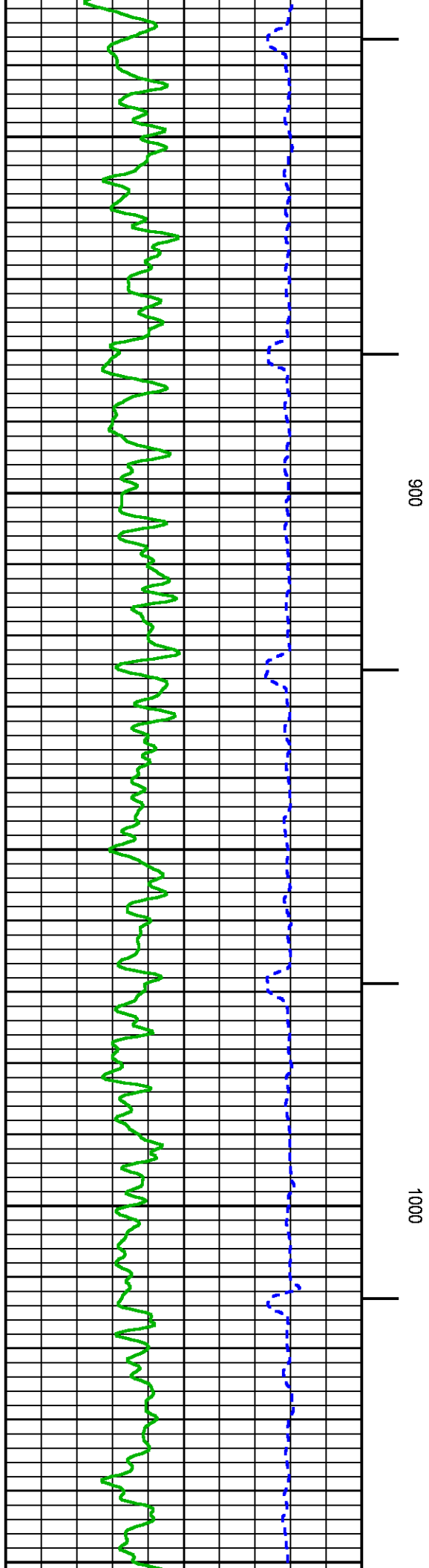
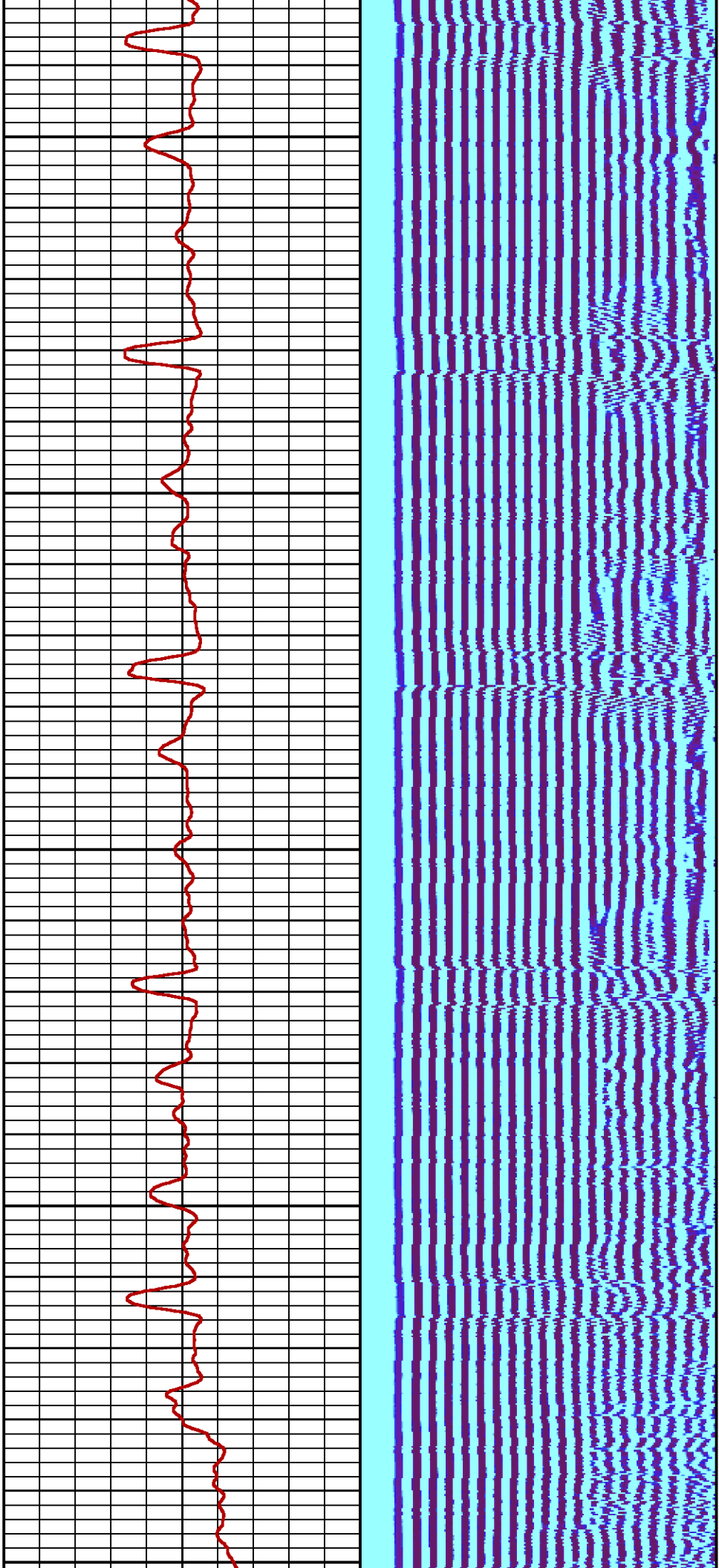


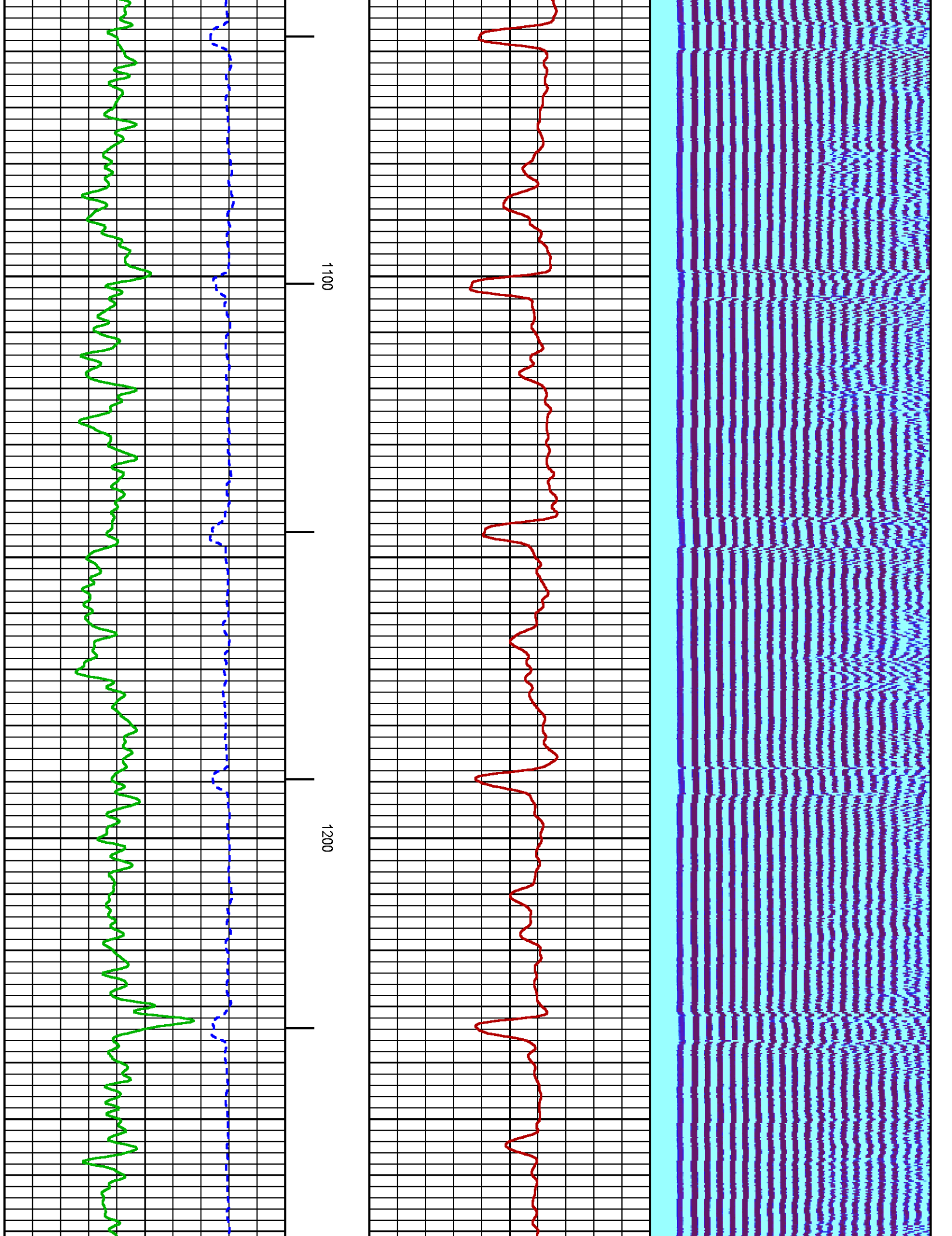




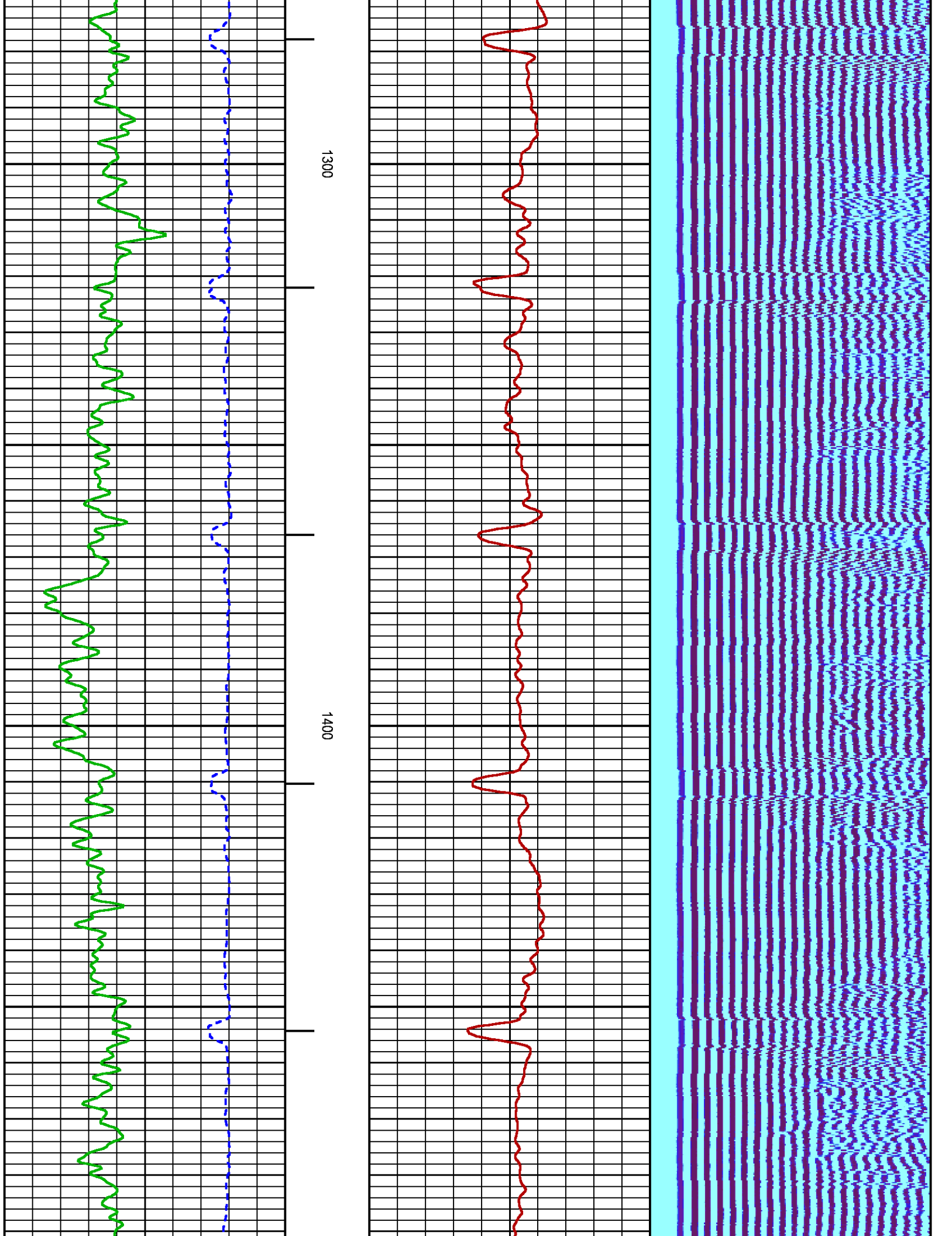


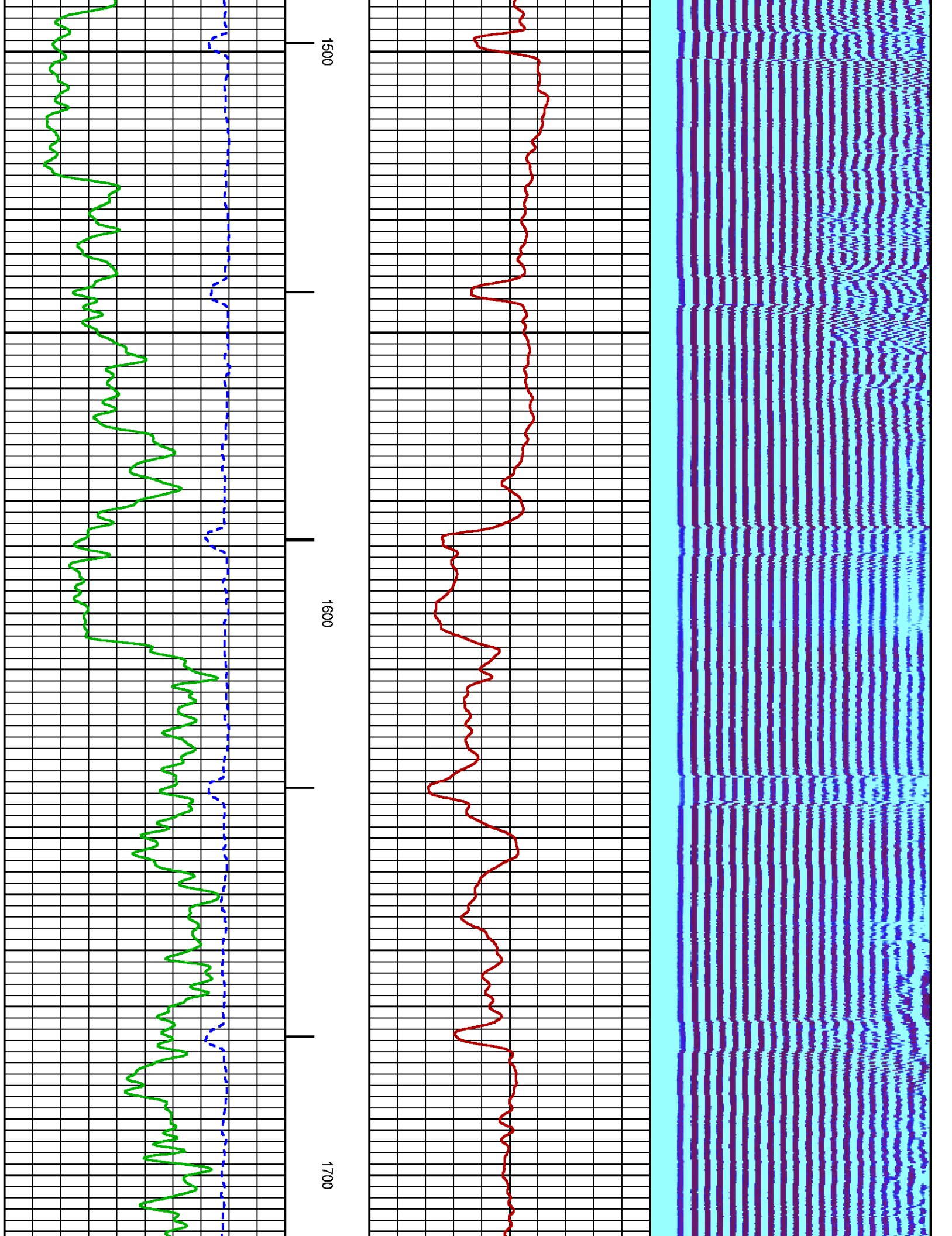


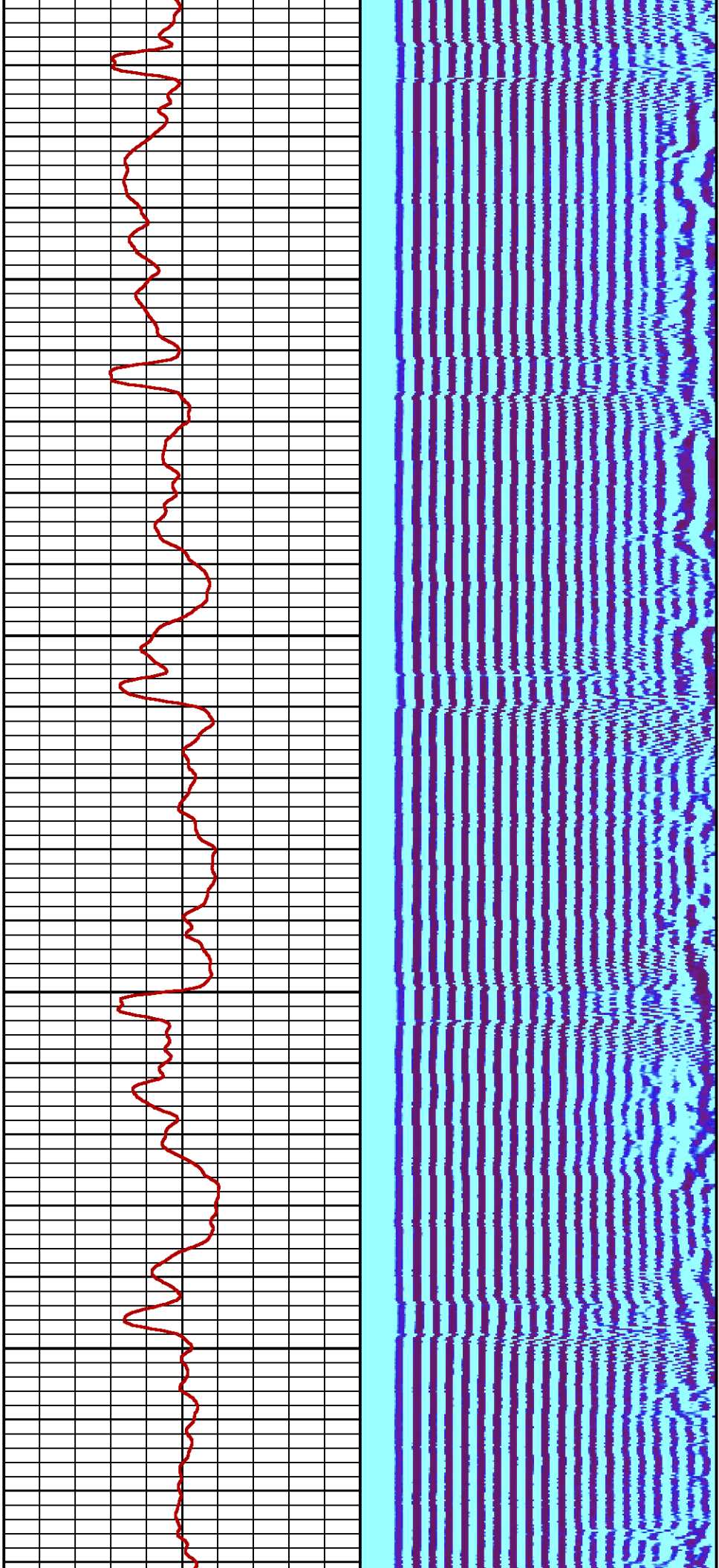






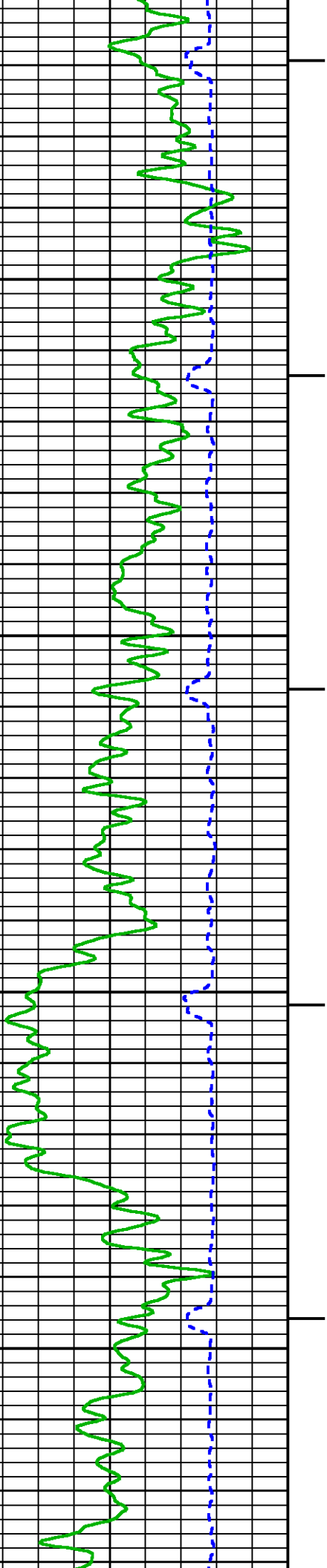




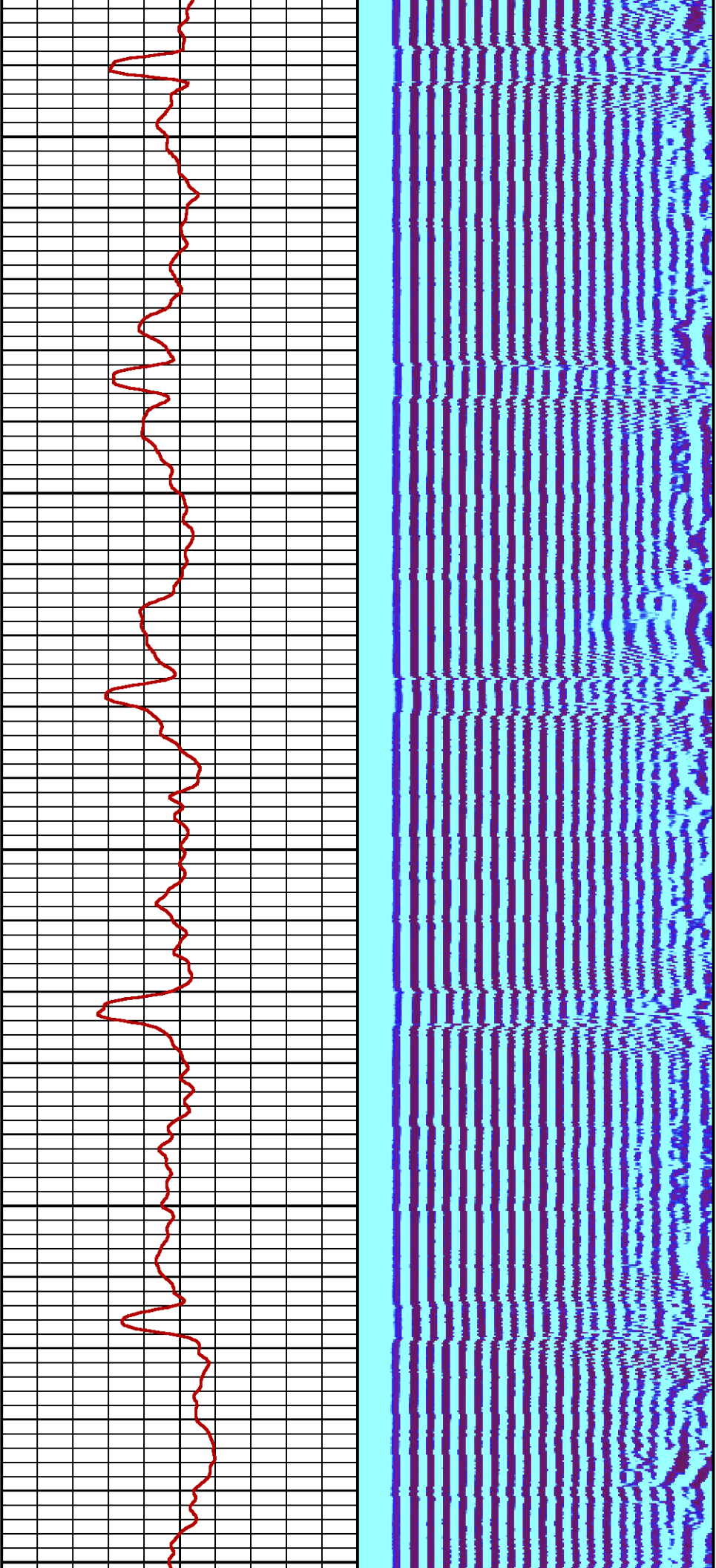


1800

1900

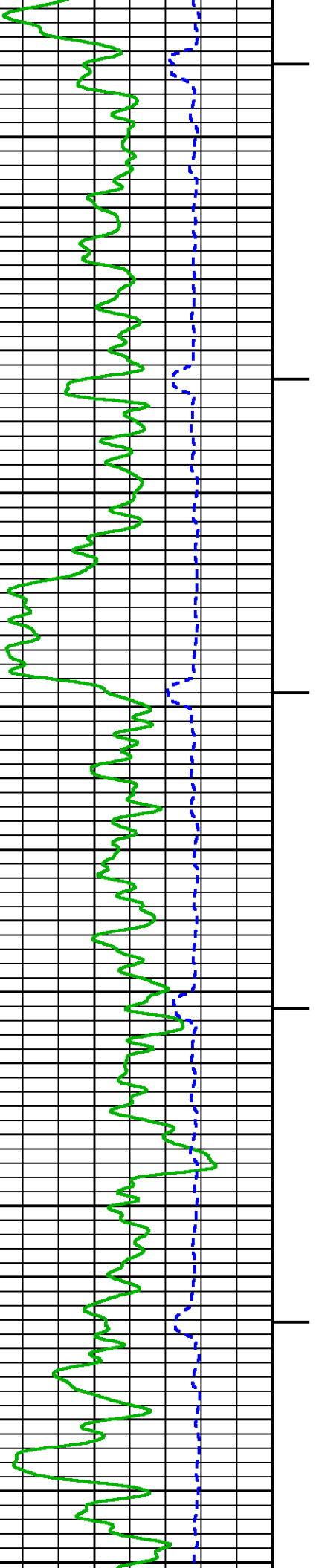


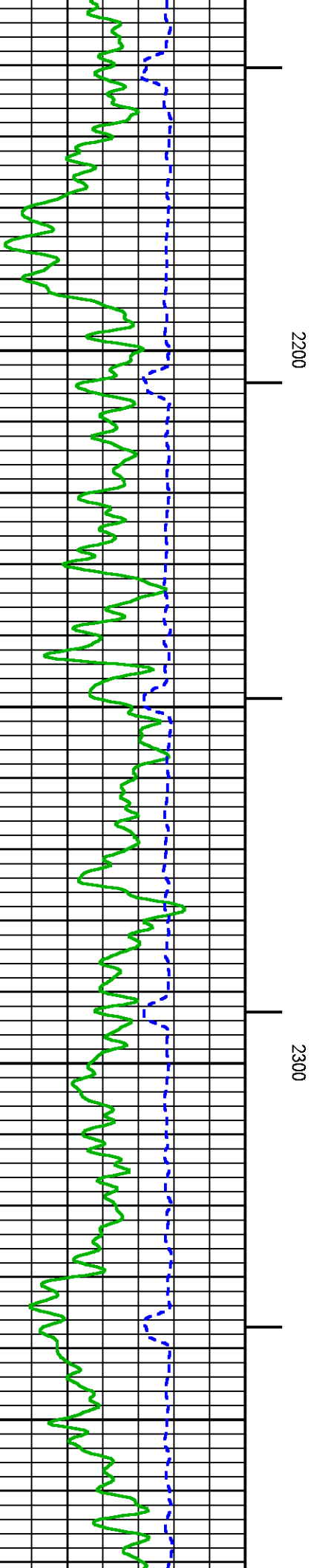
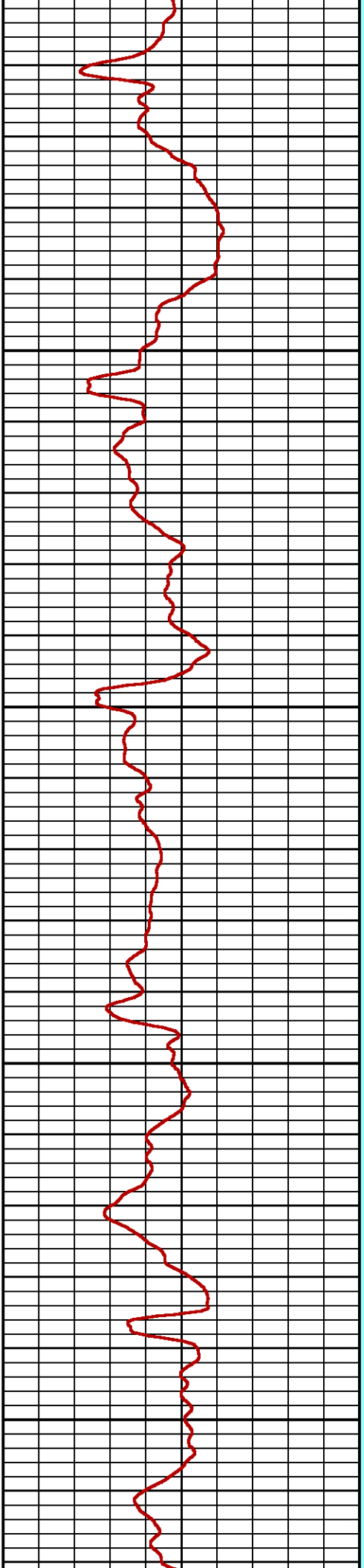
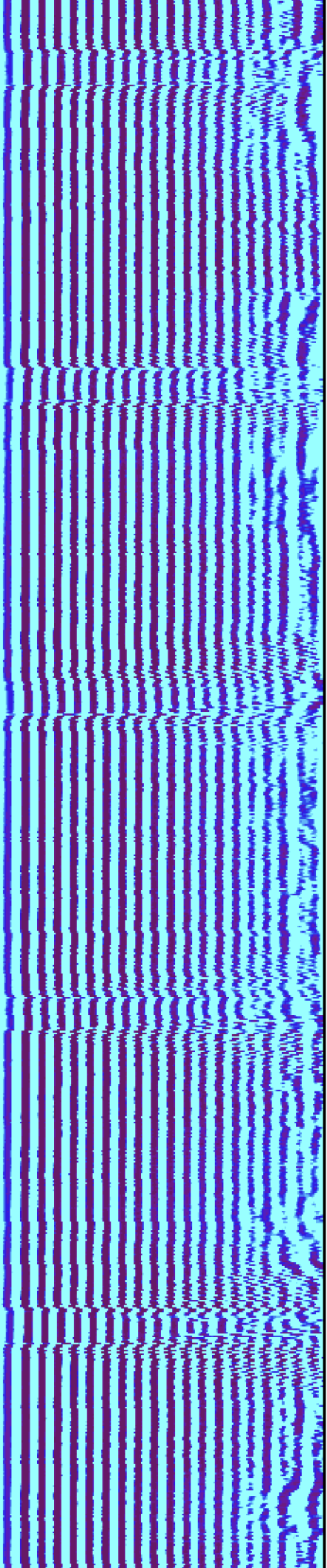


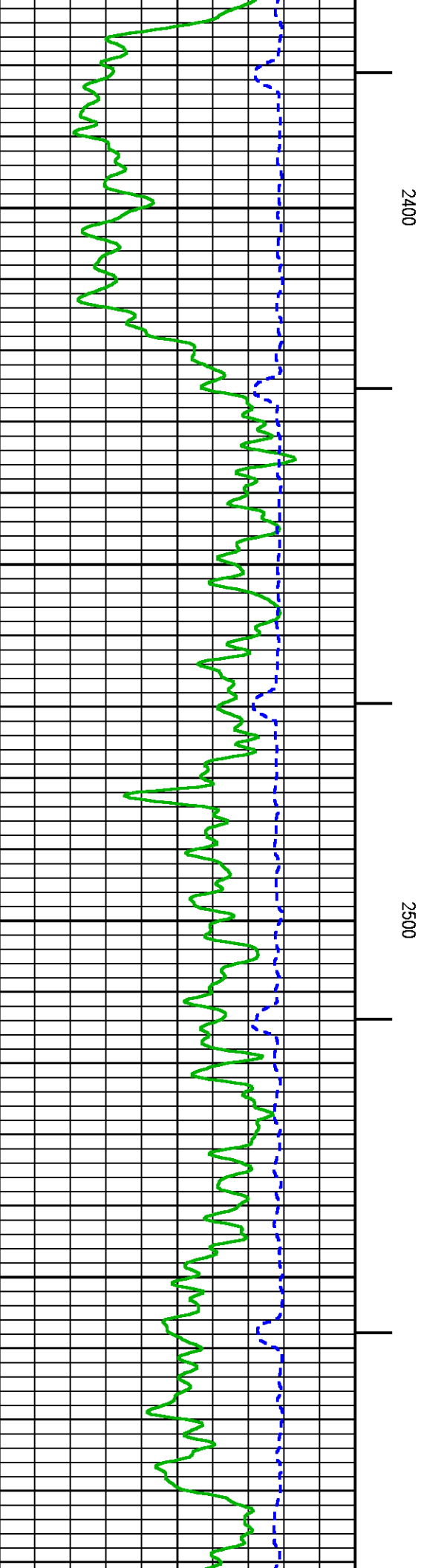
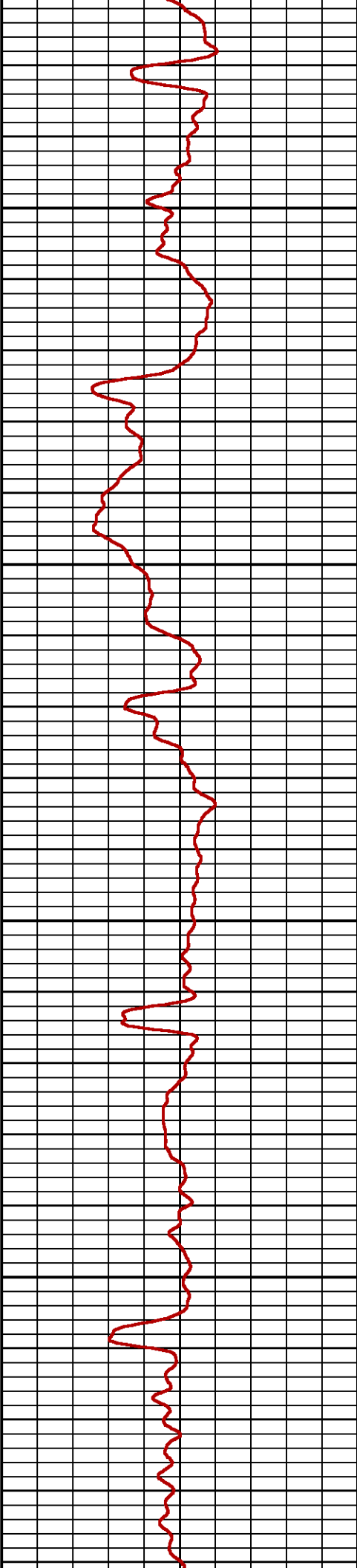
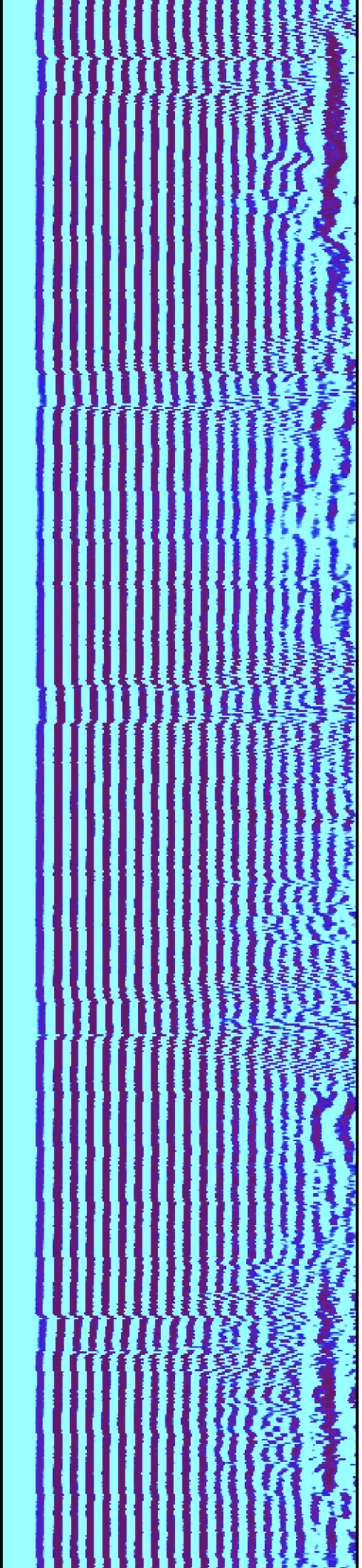


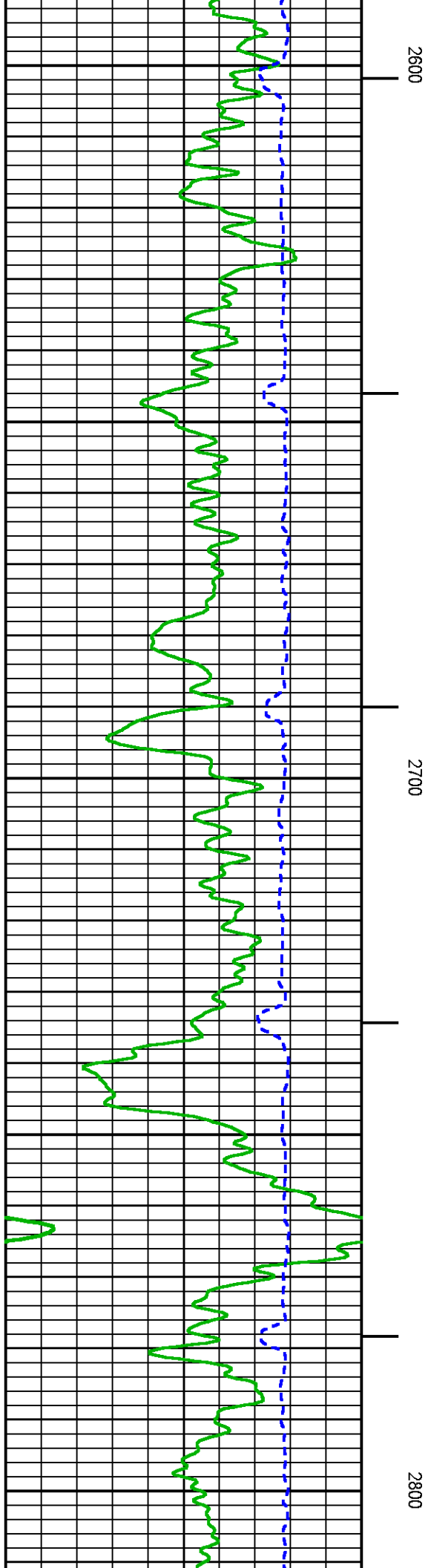
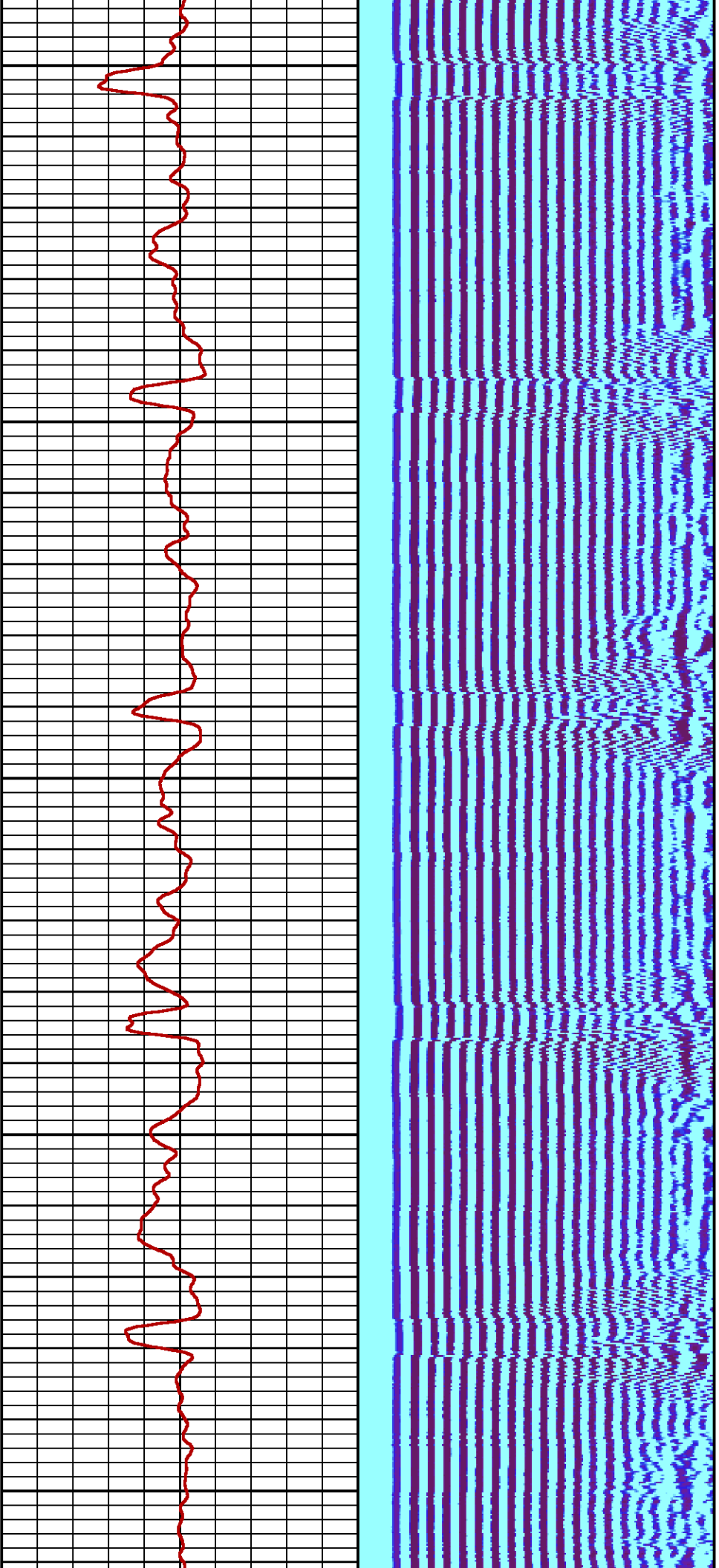
2000

2100

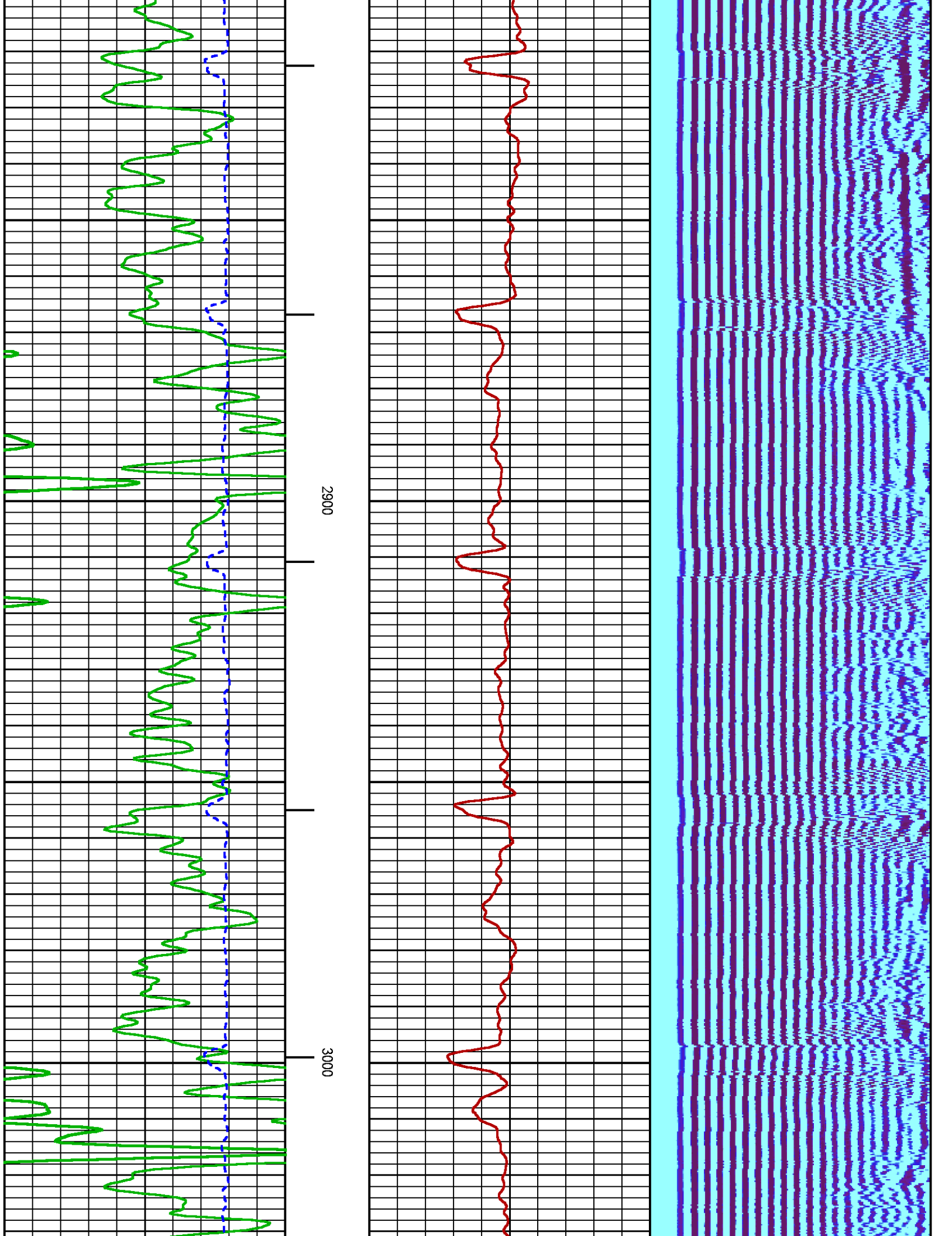


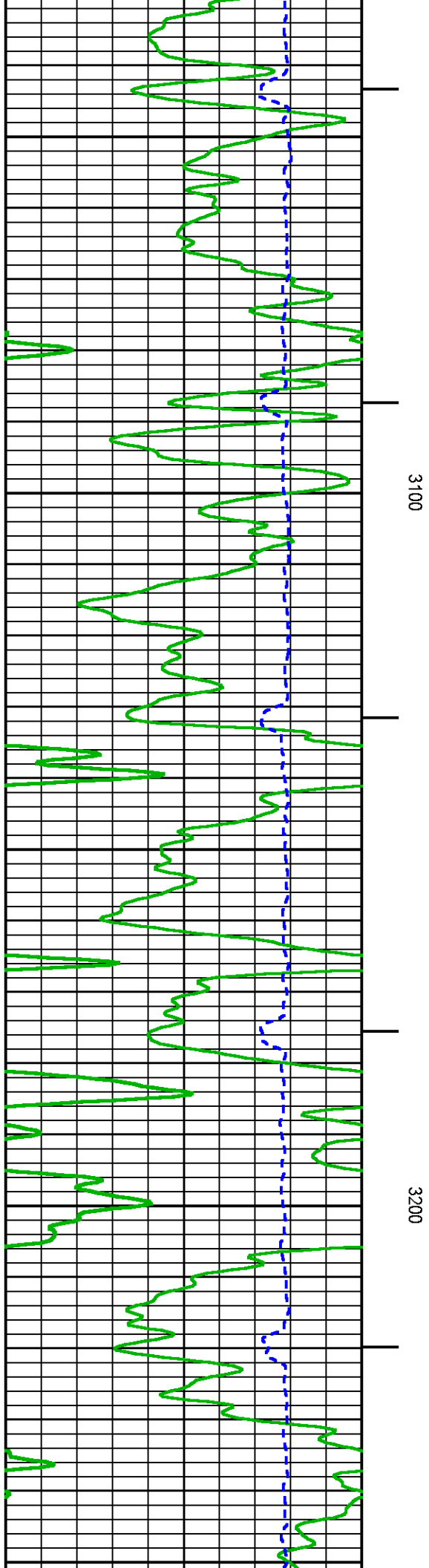
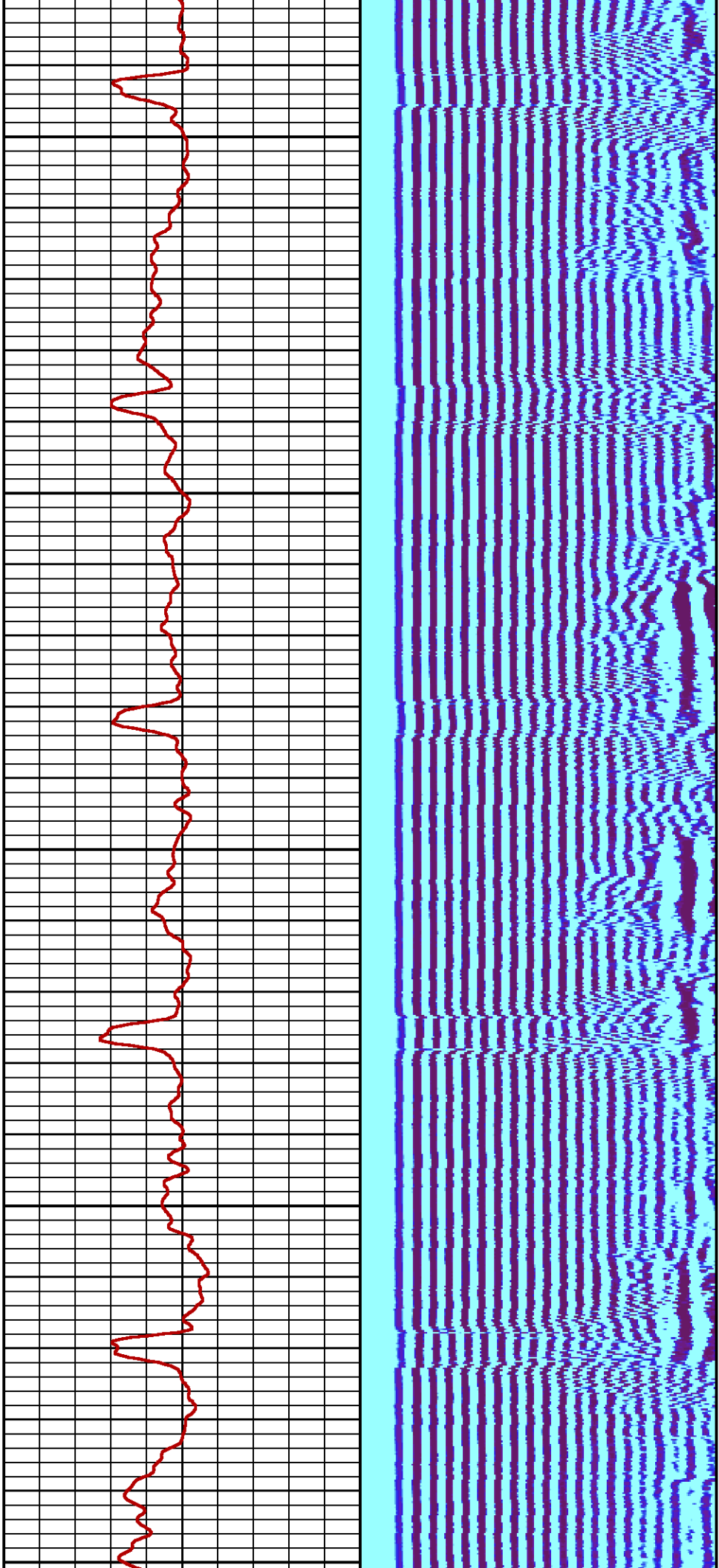


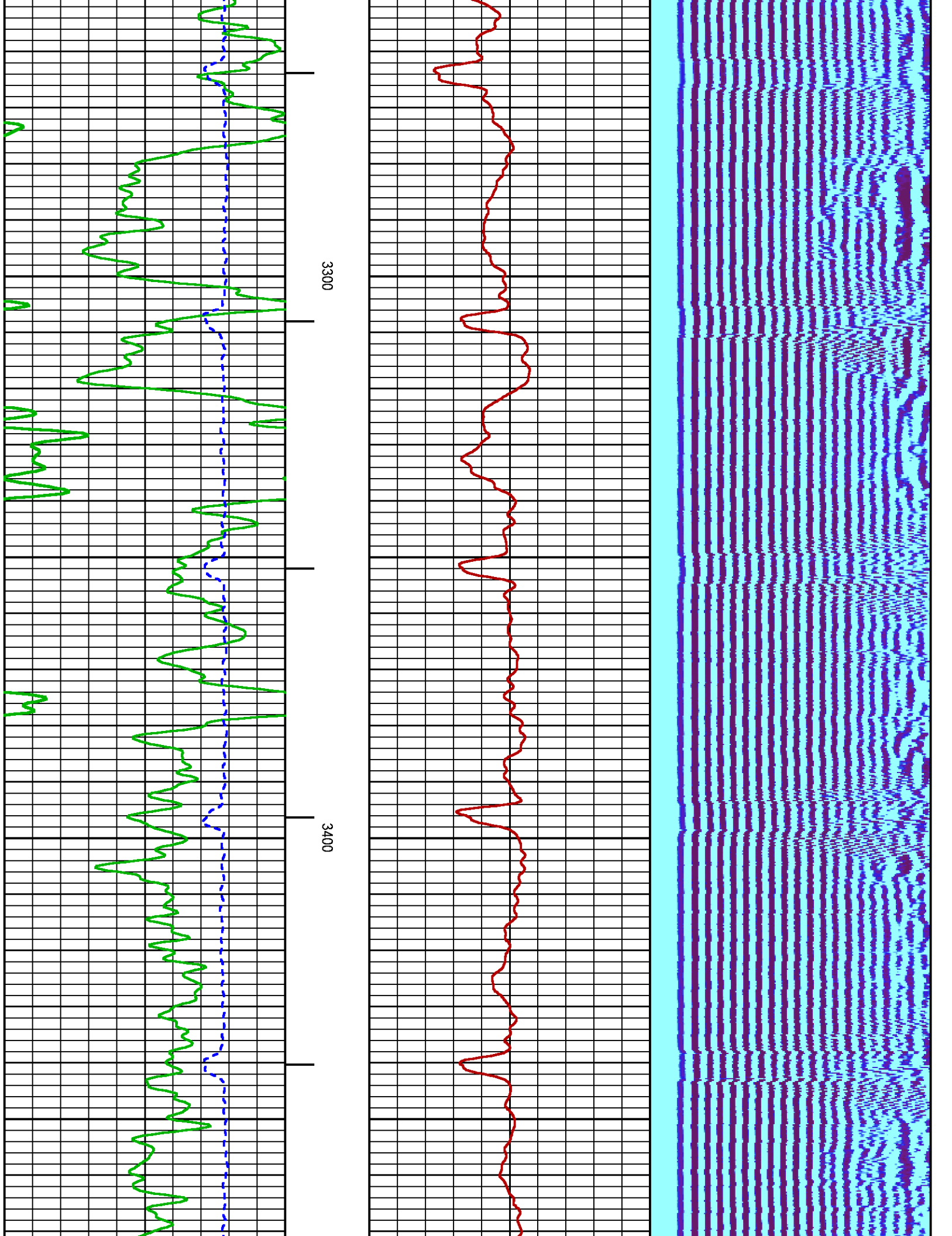




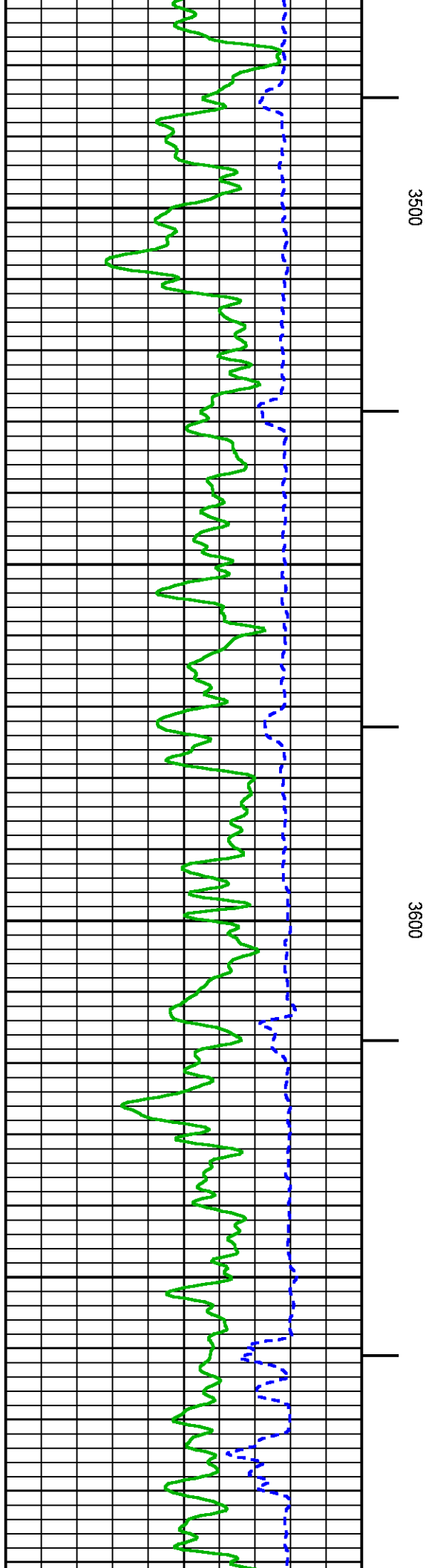
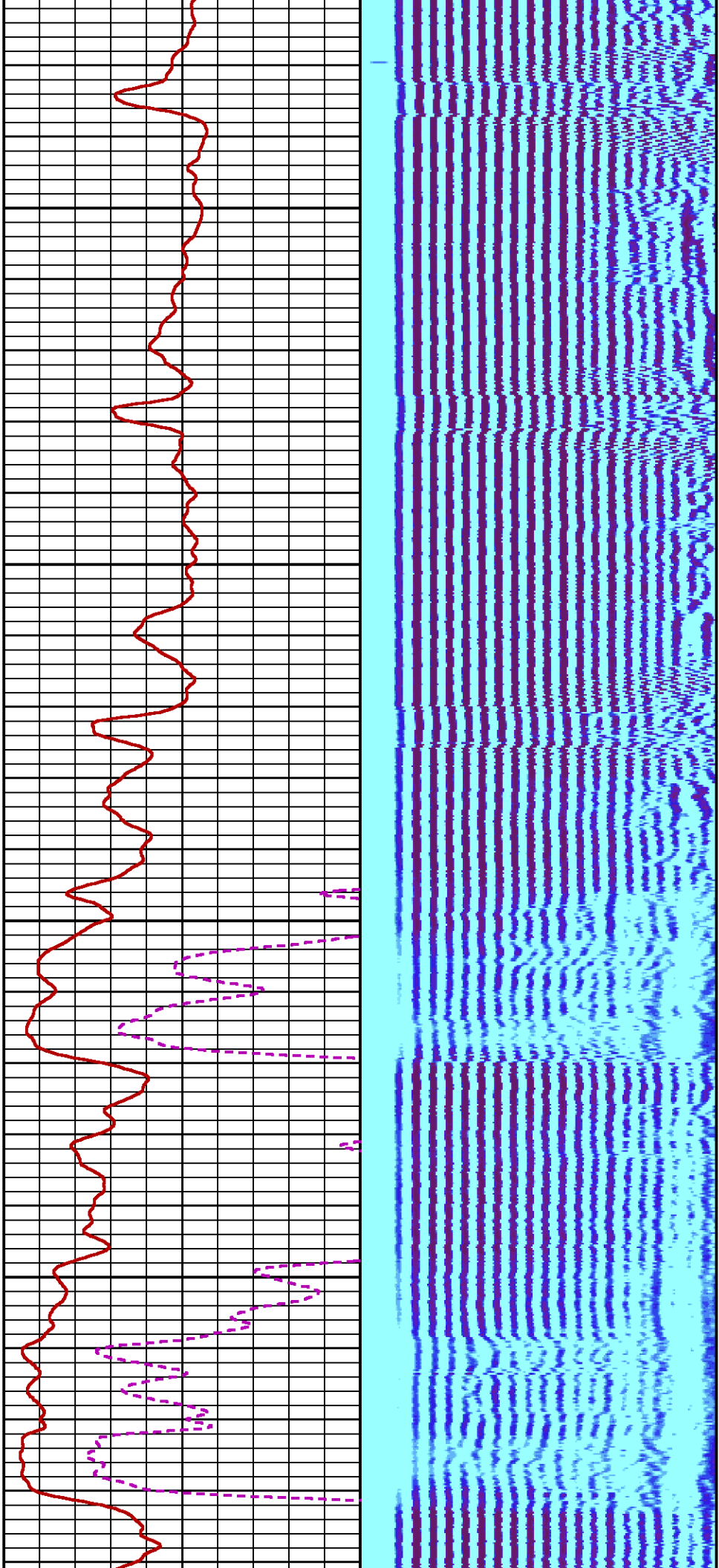


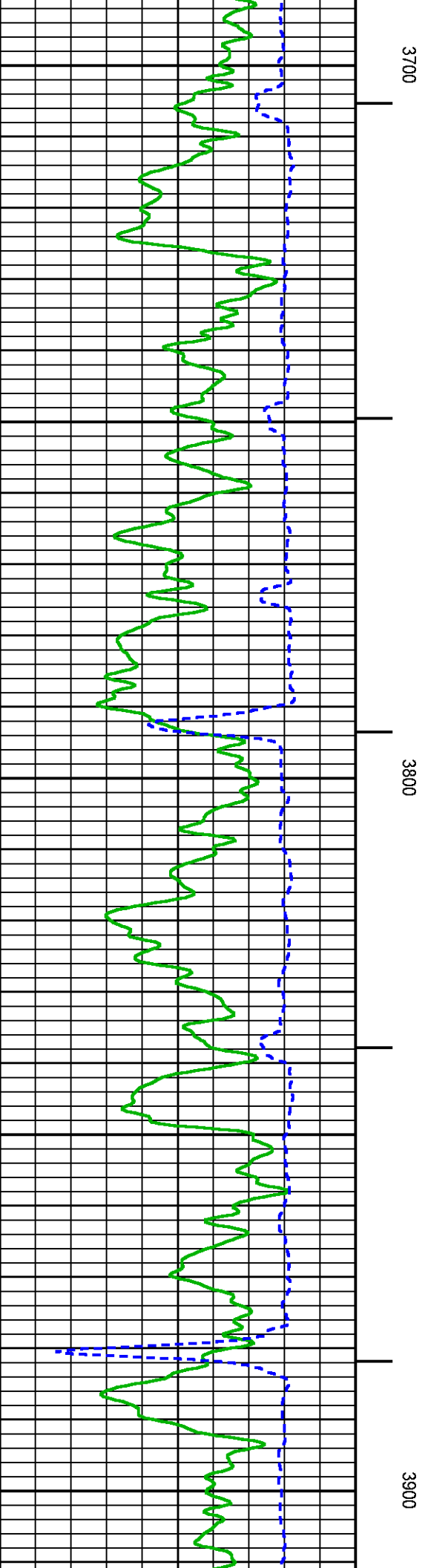
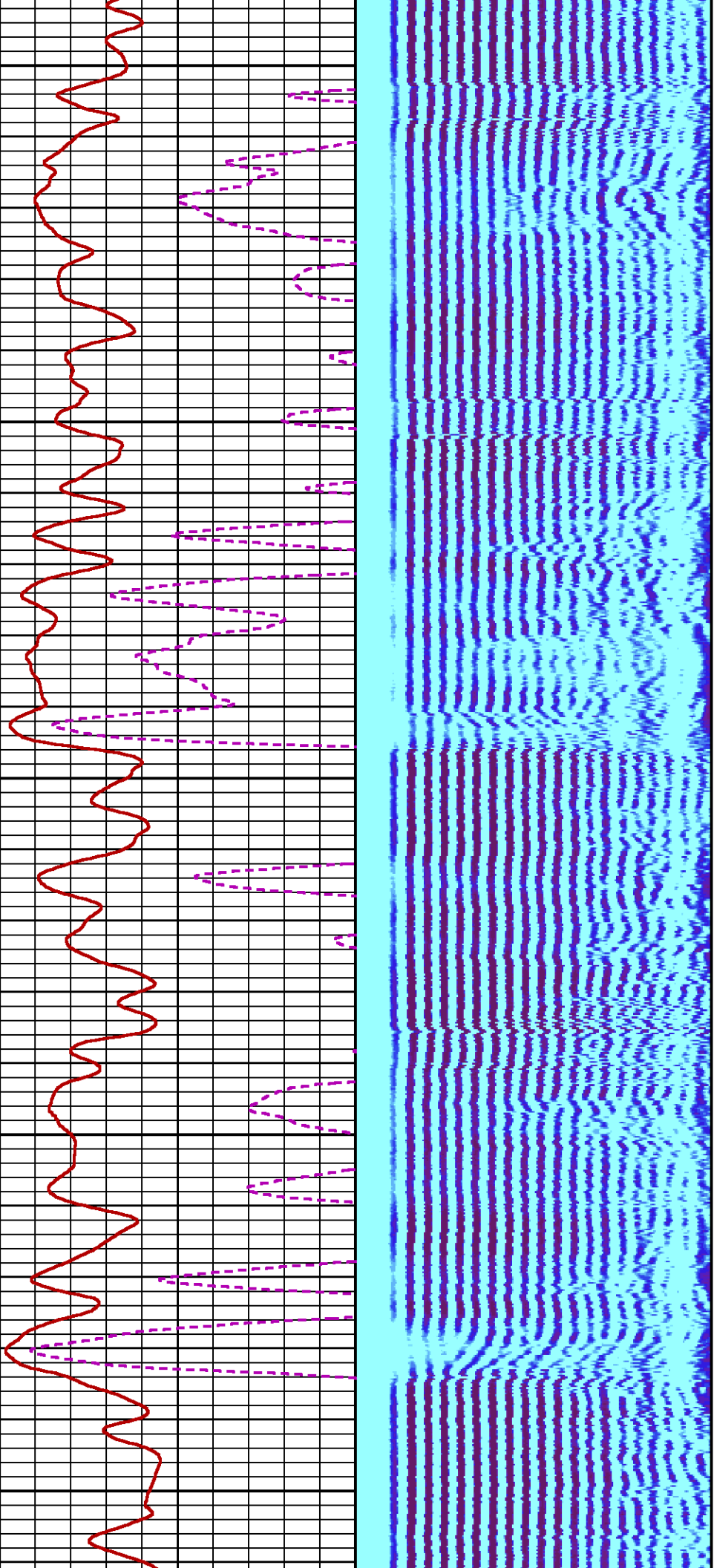


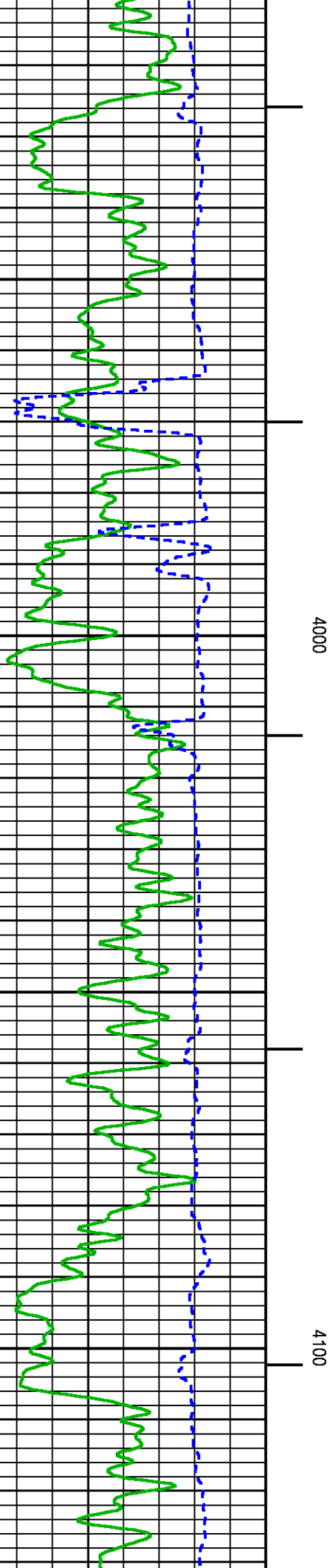
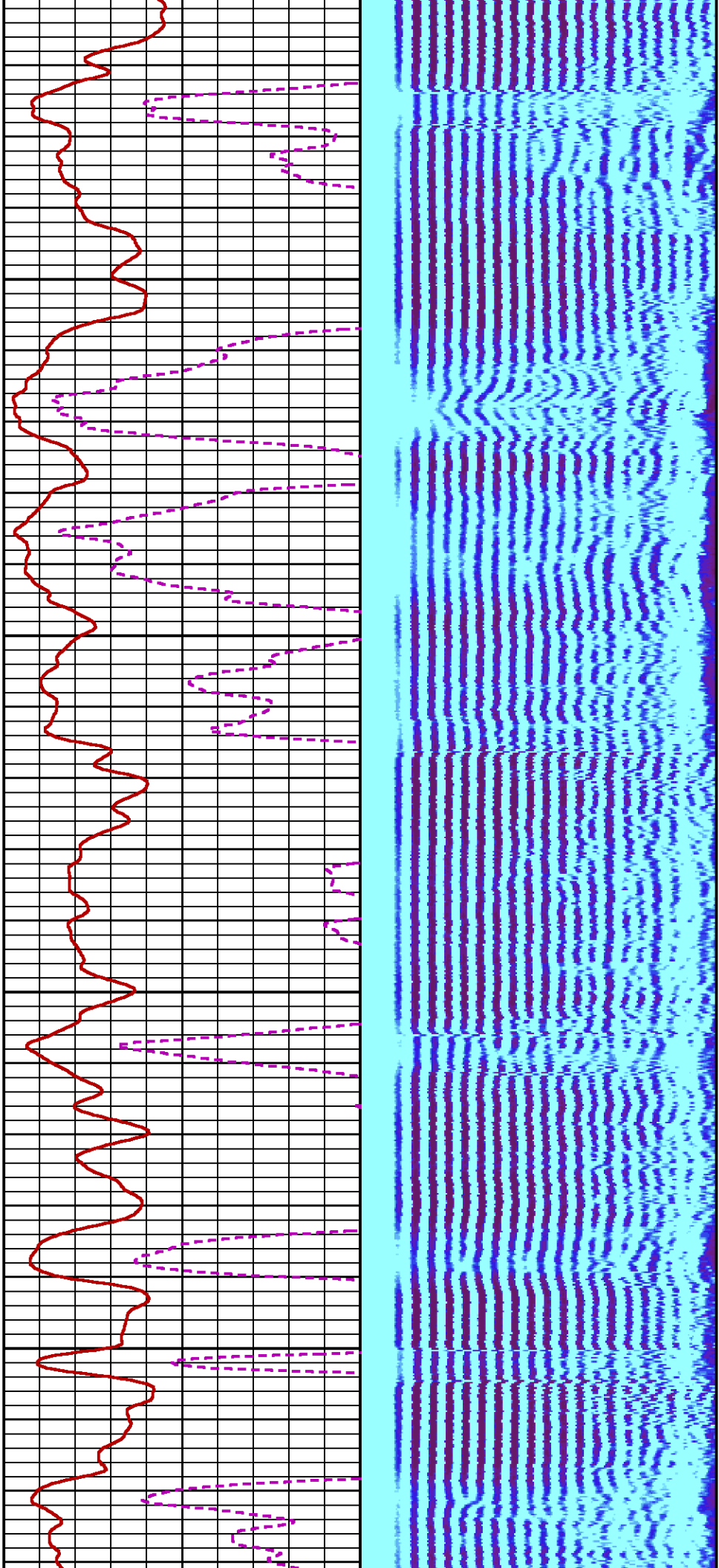


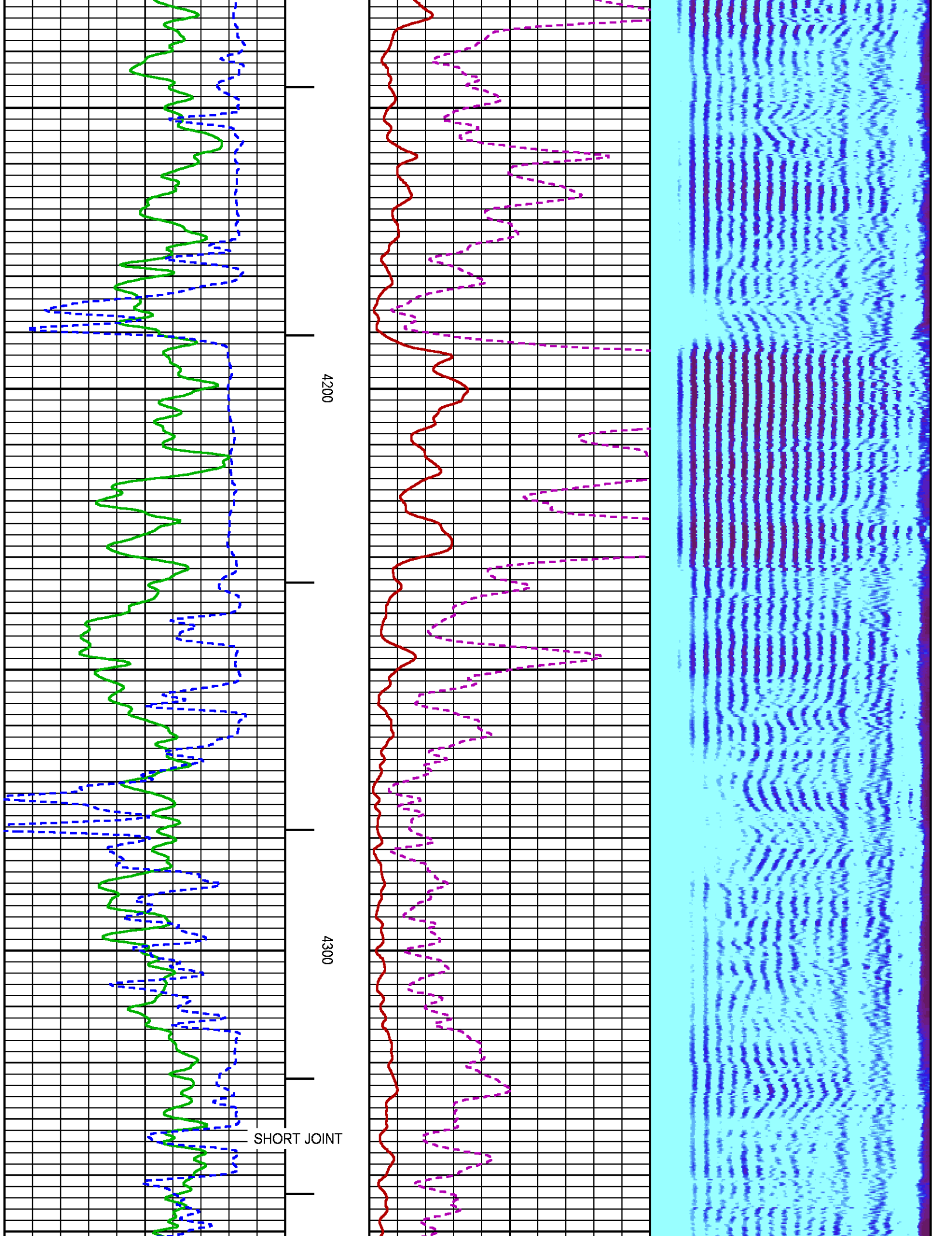




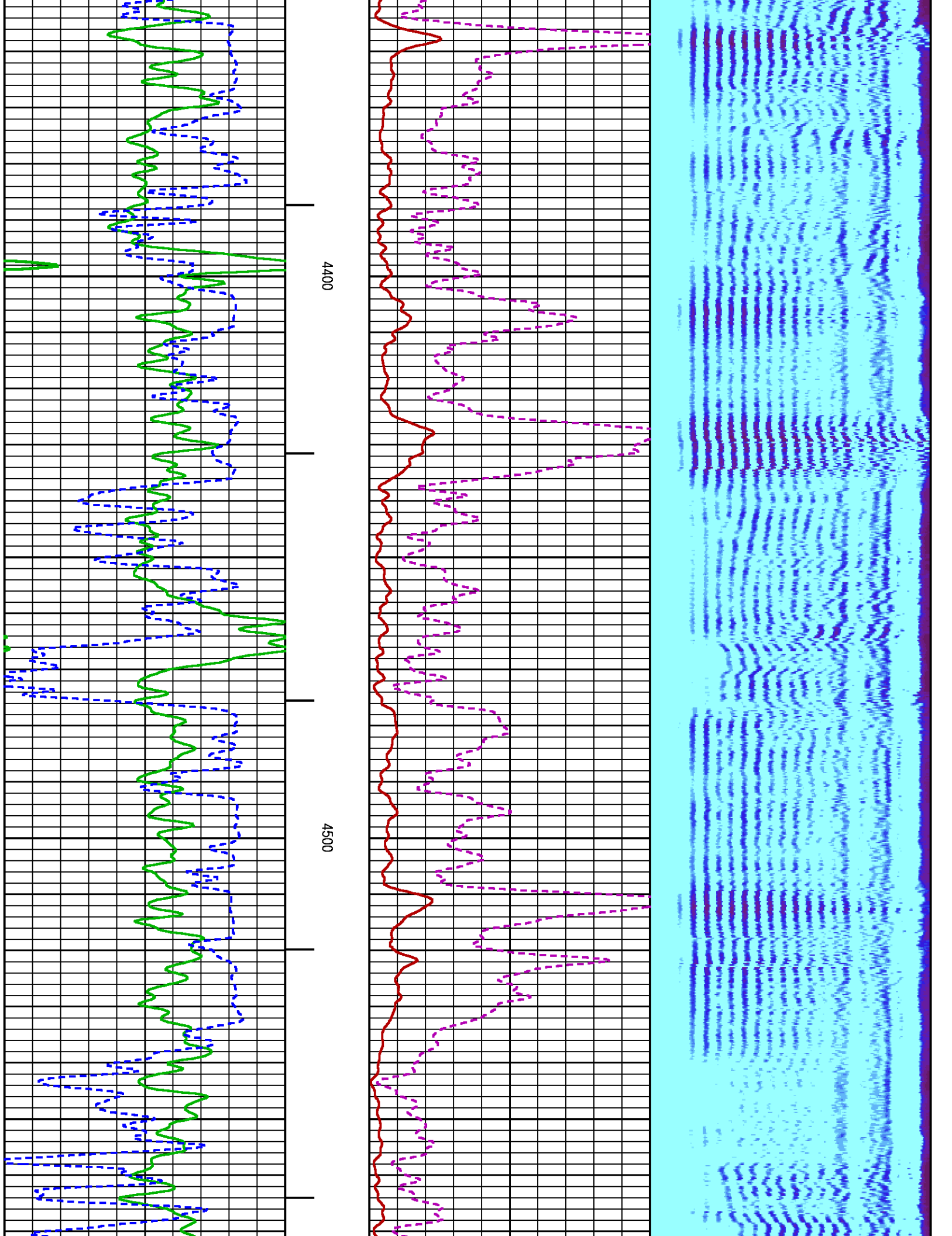


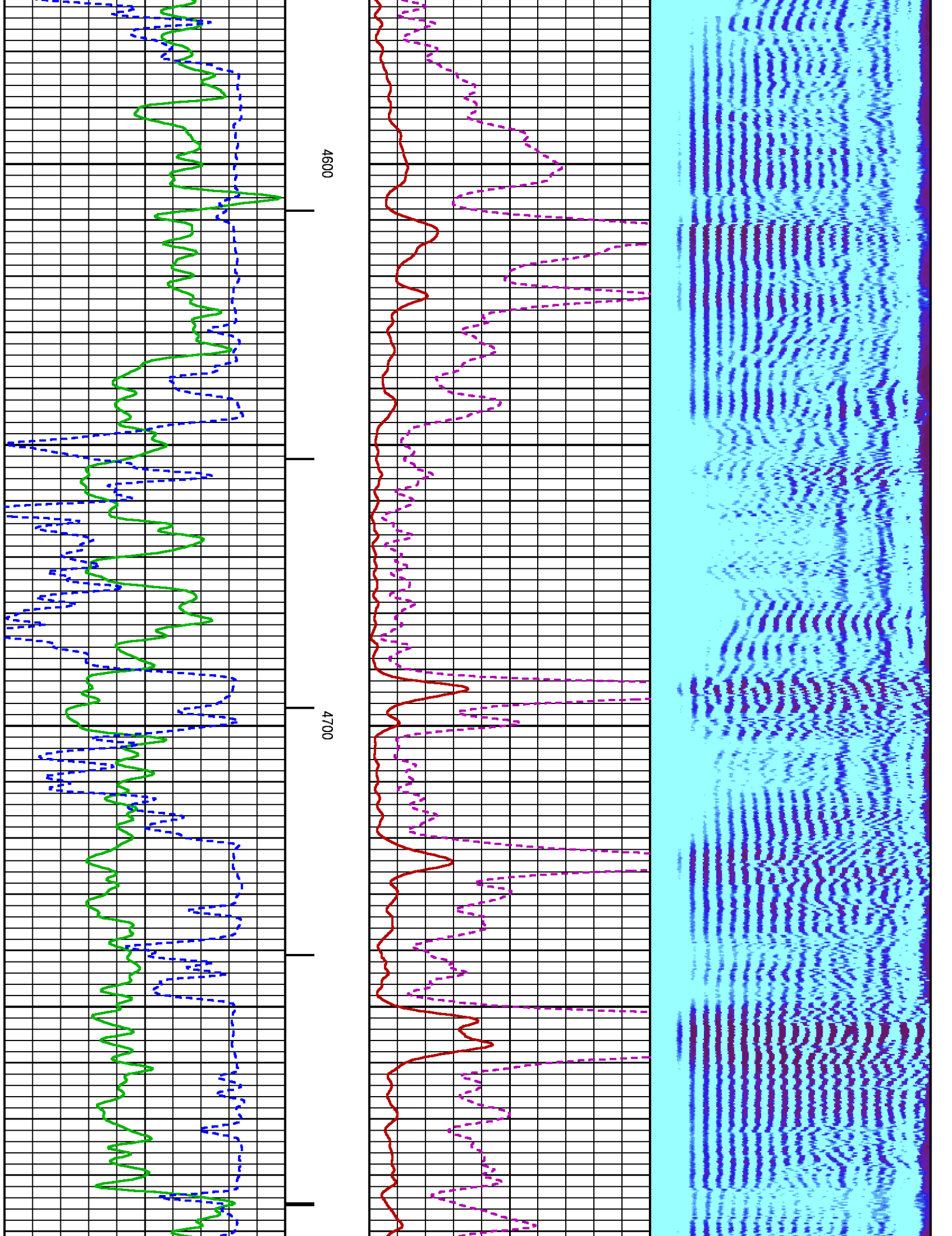


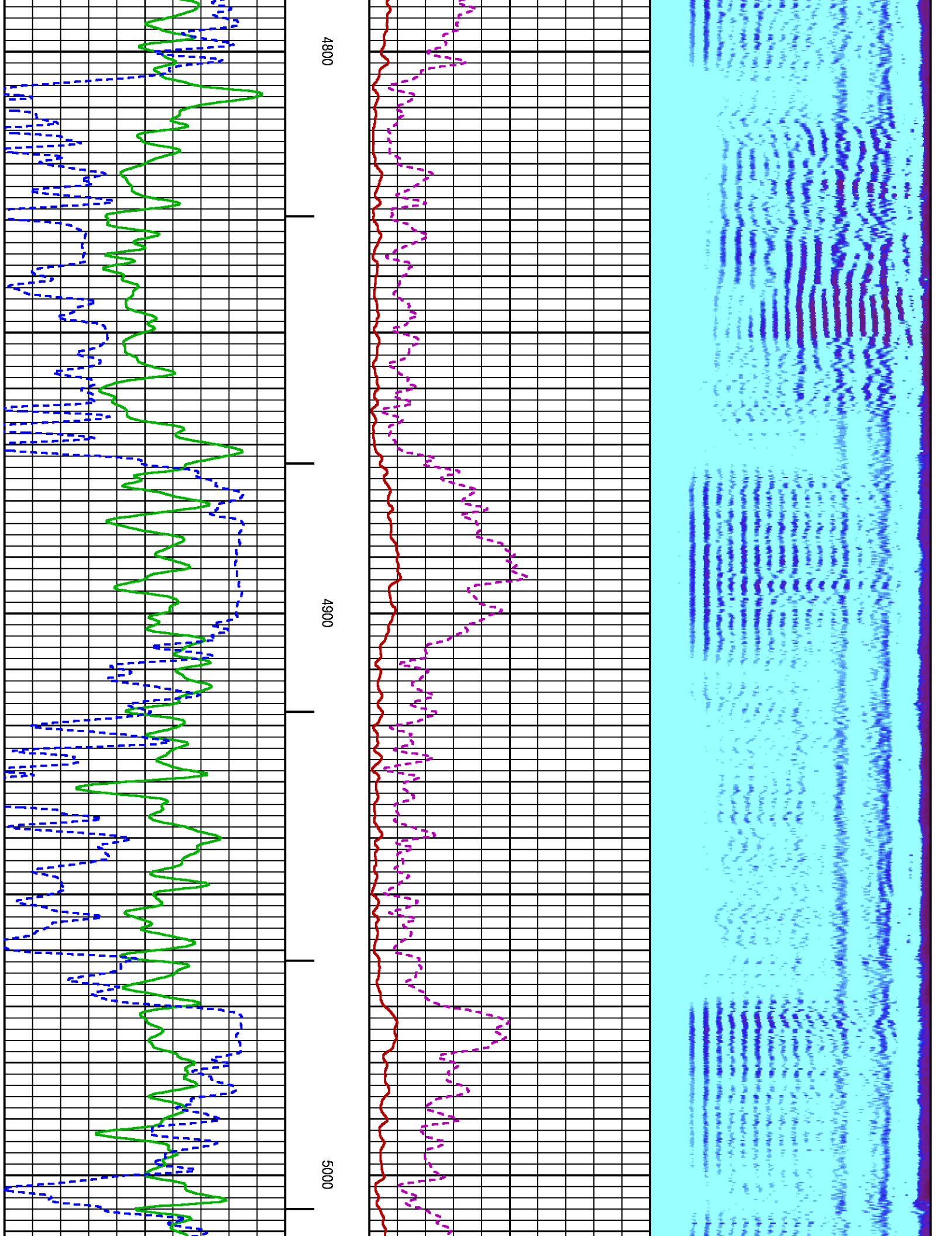




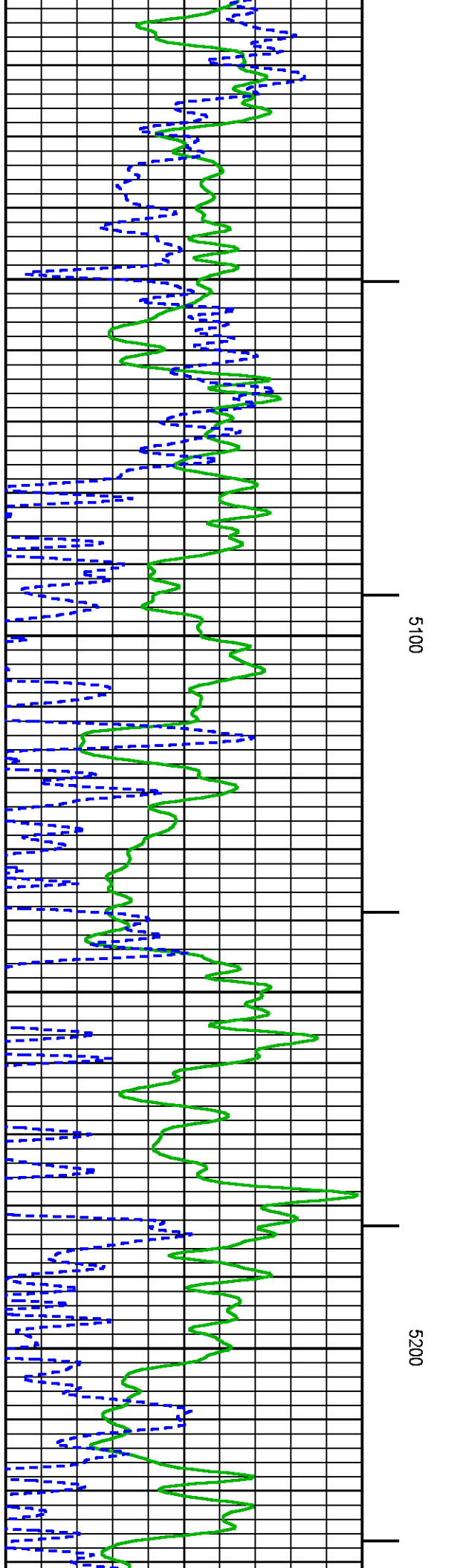
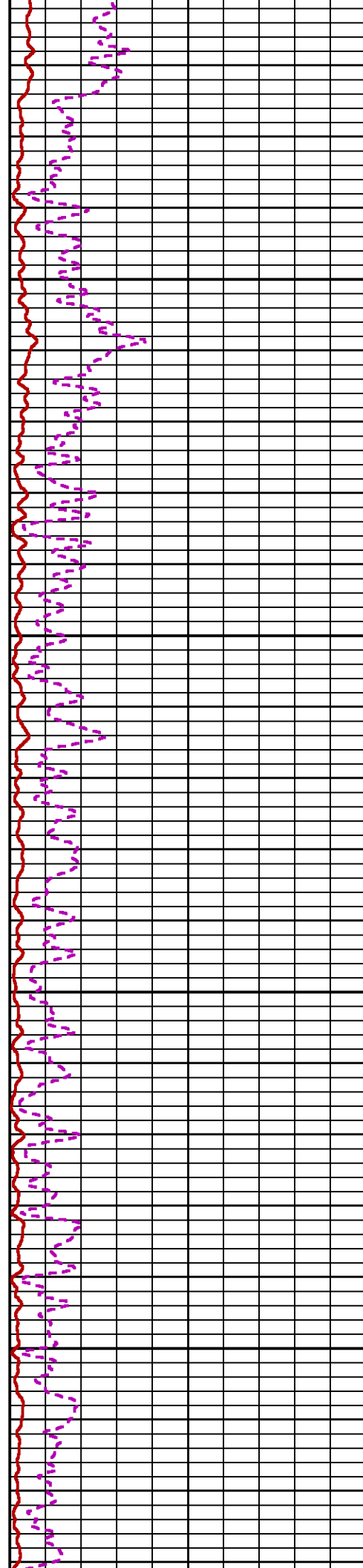
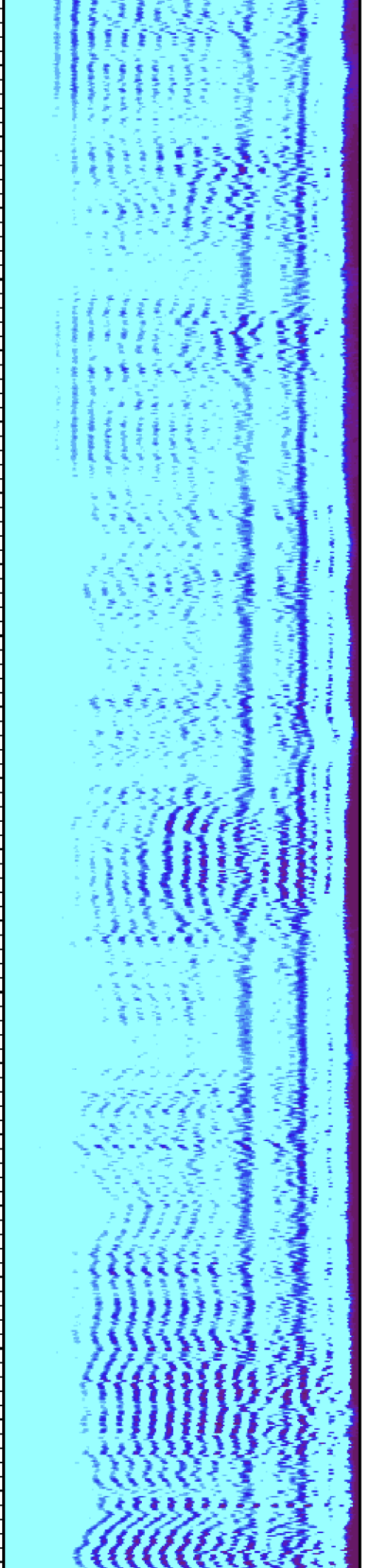


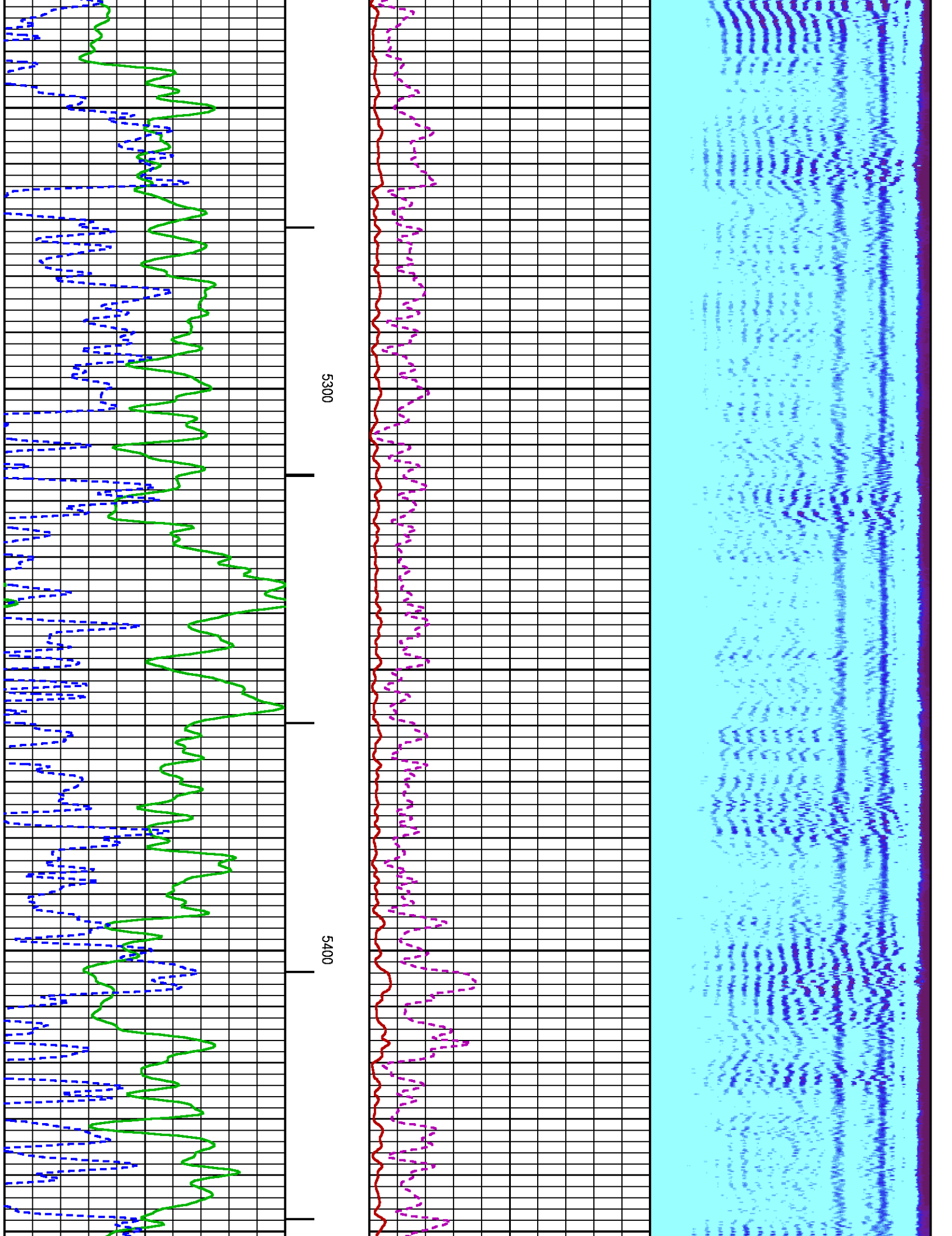


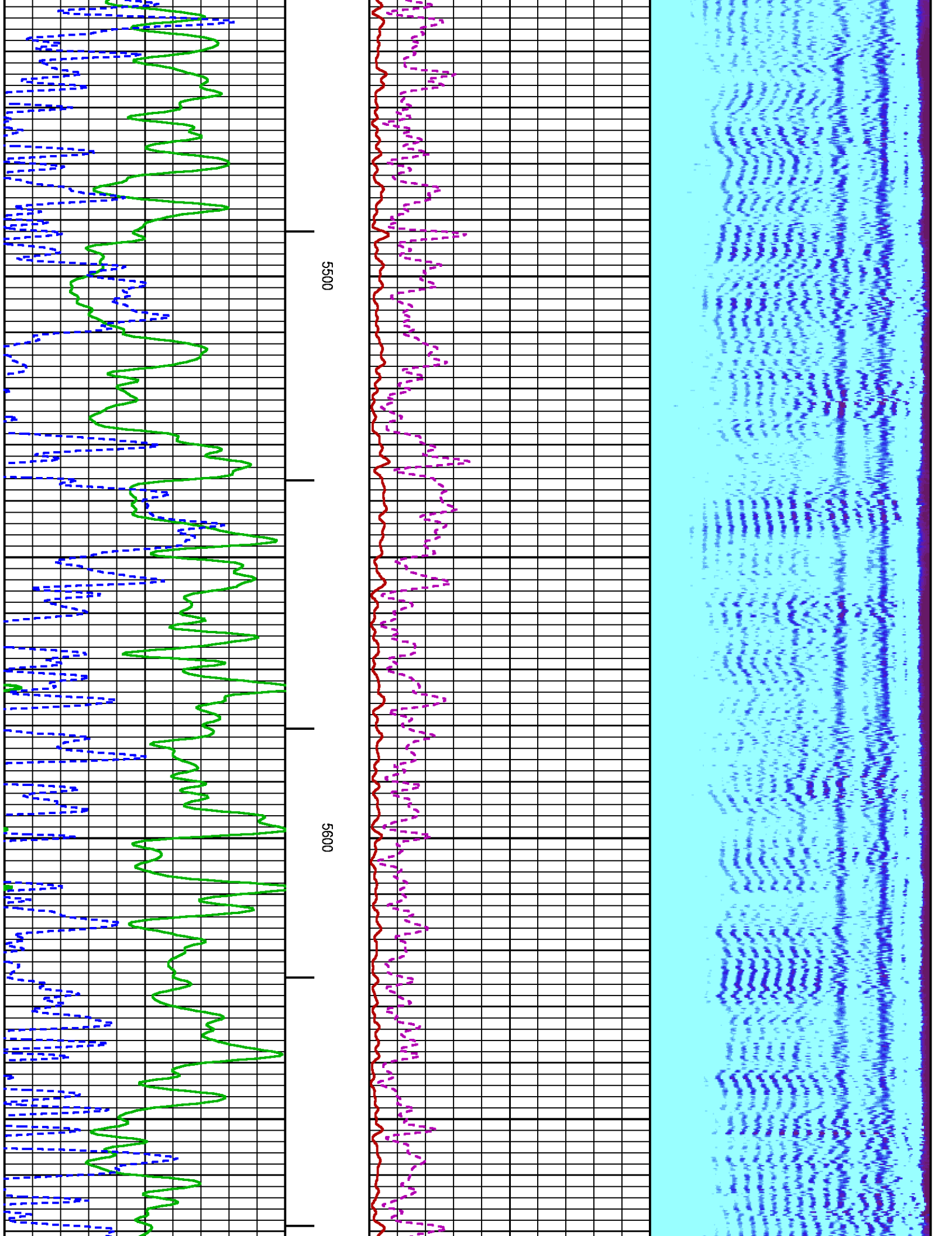


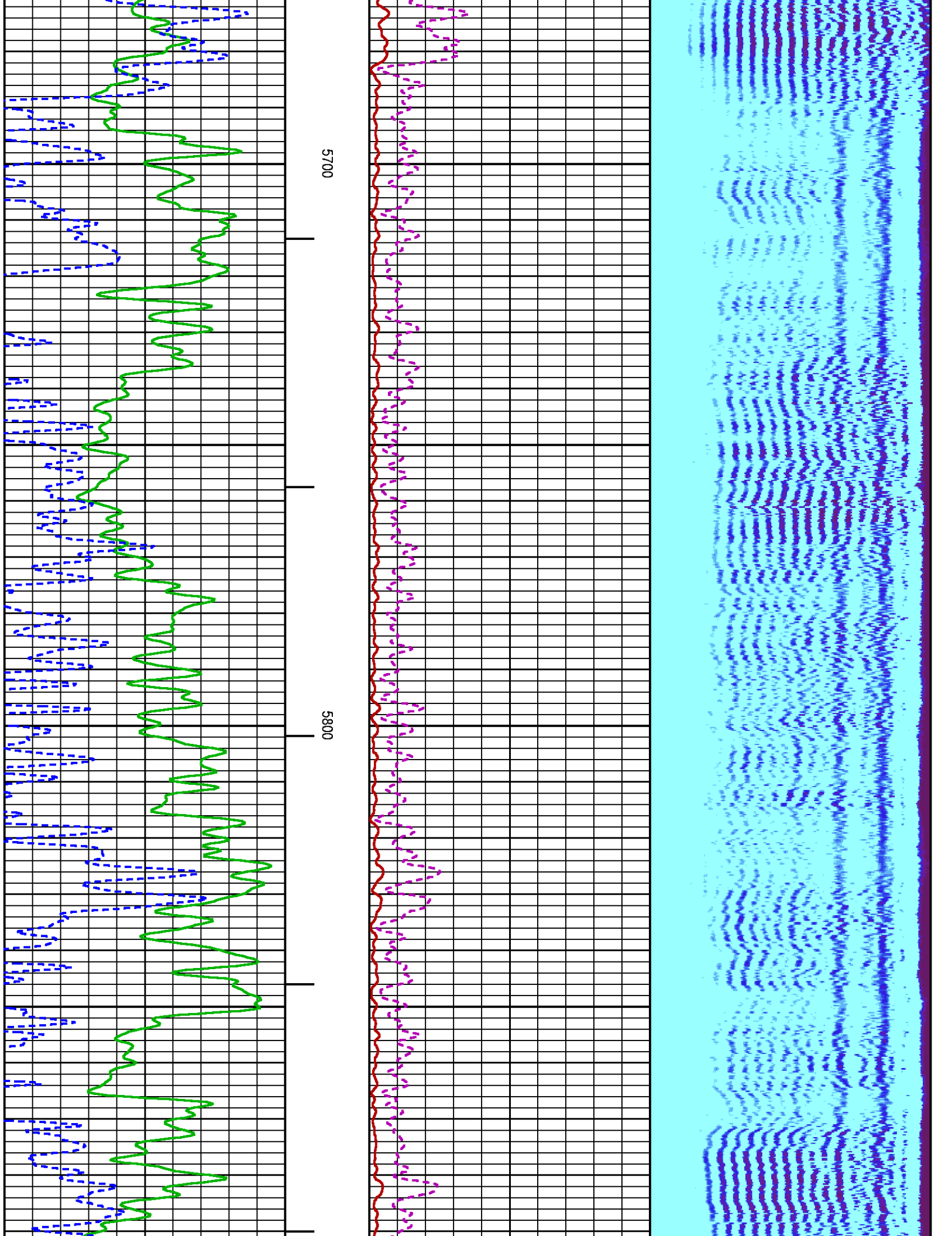




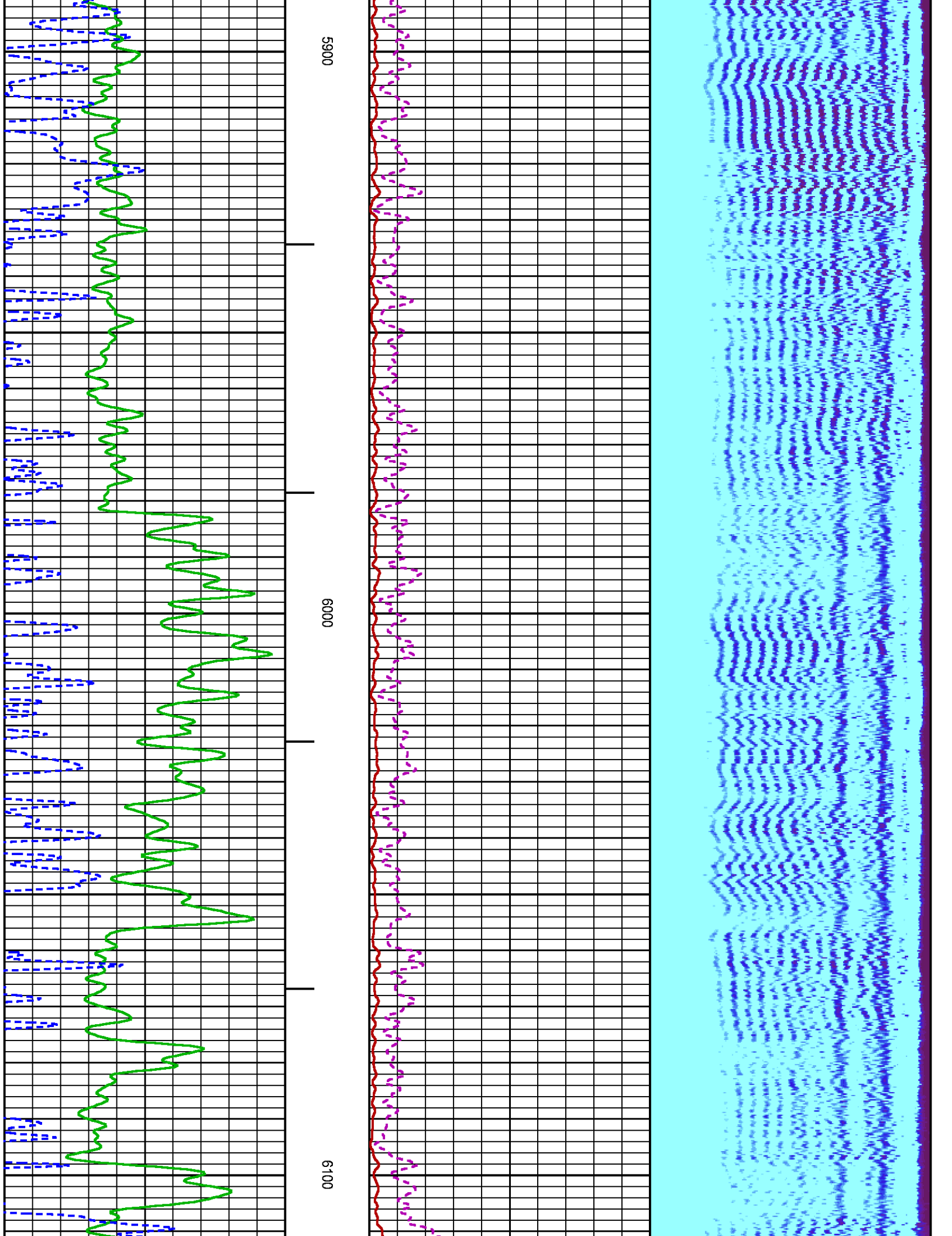


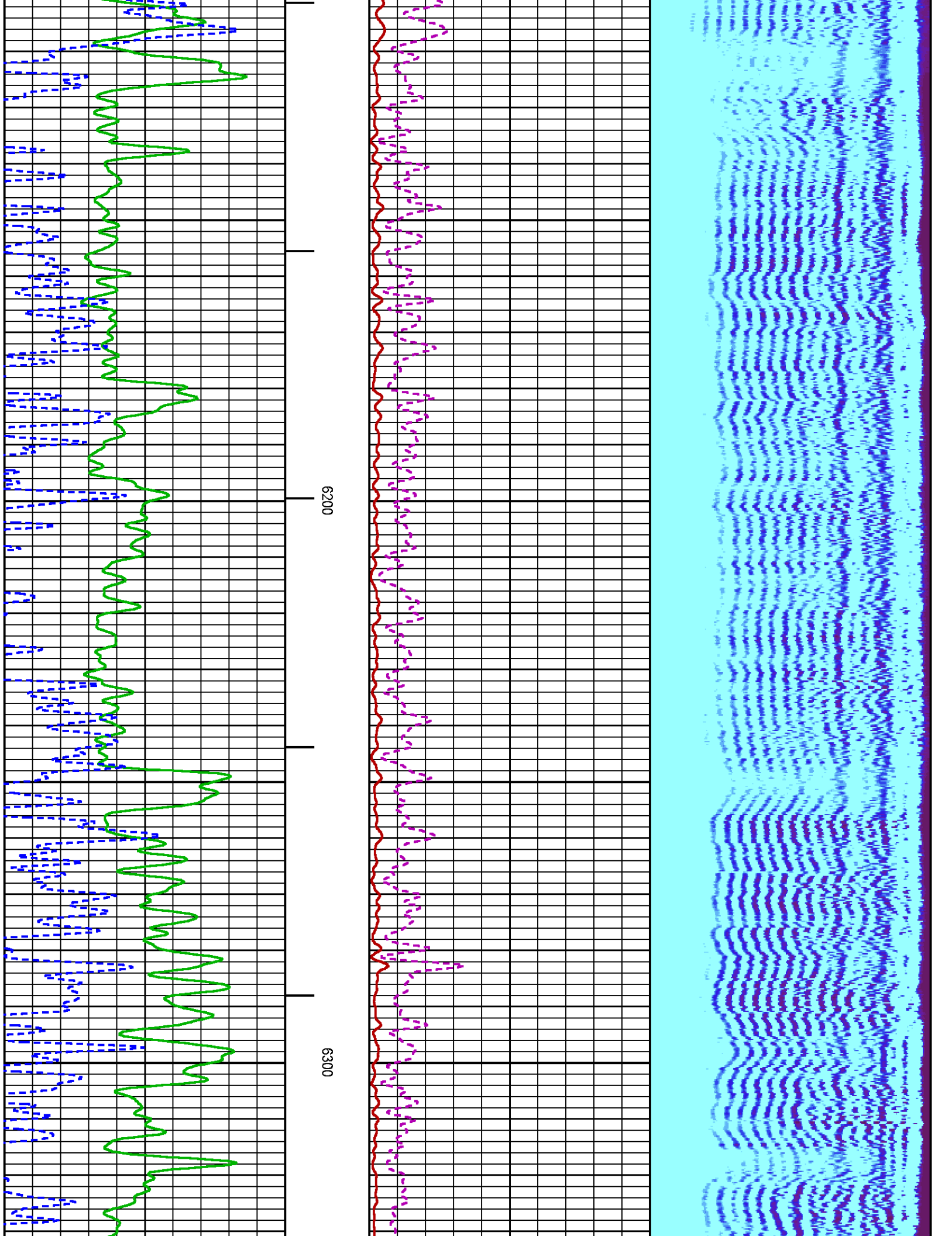


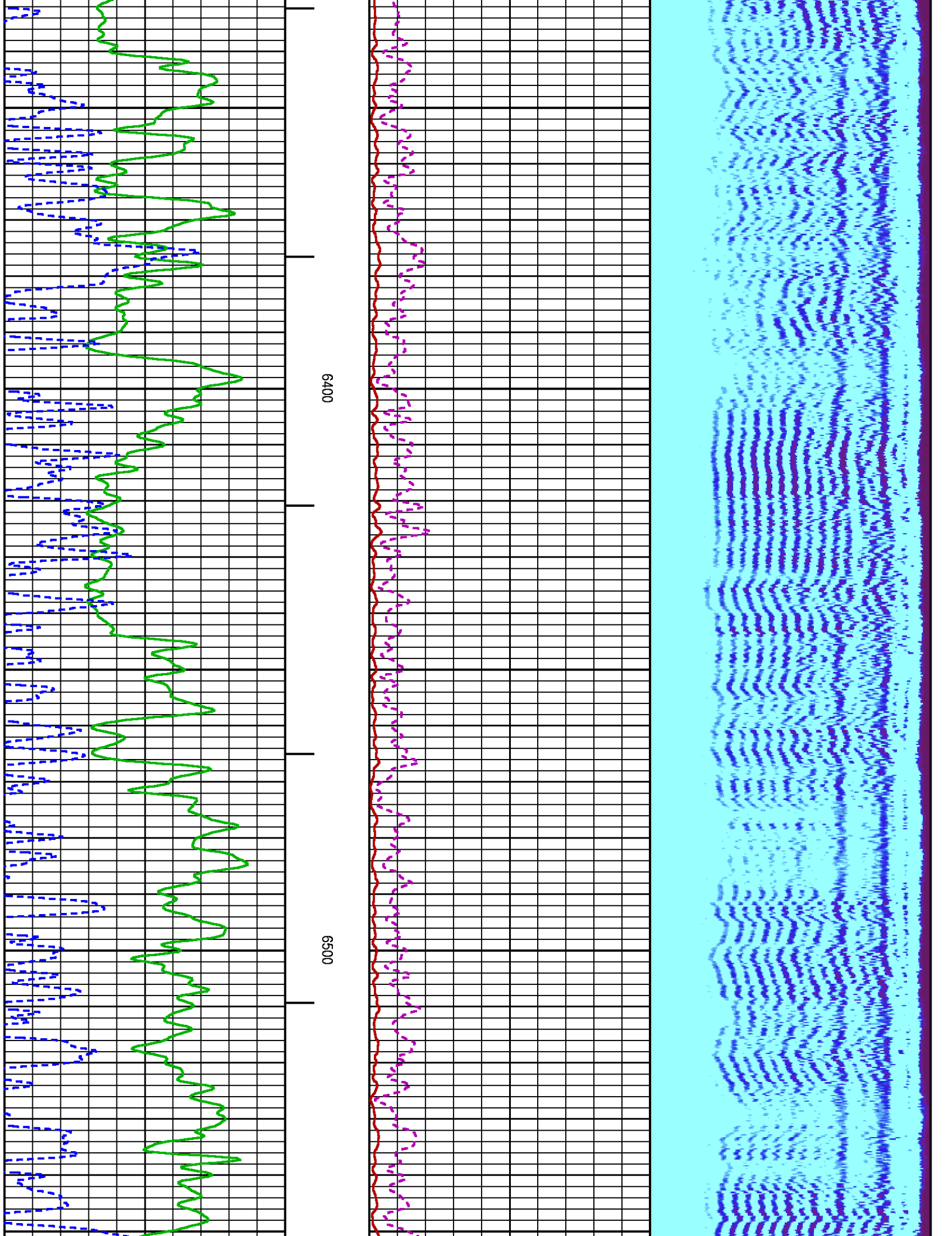




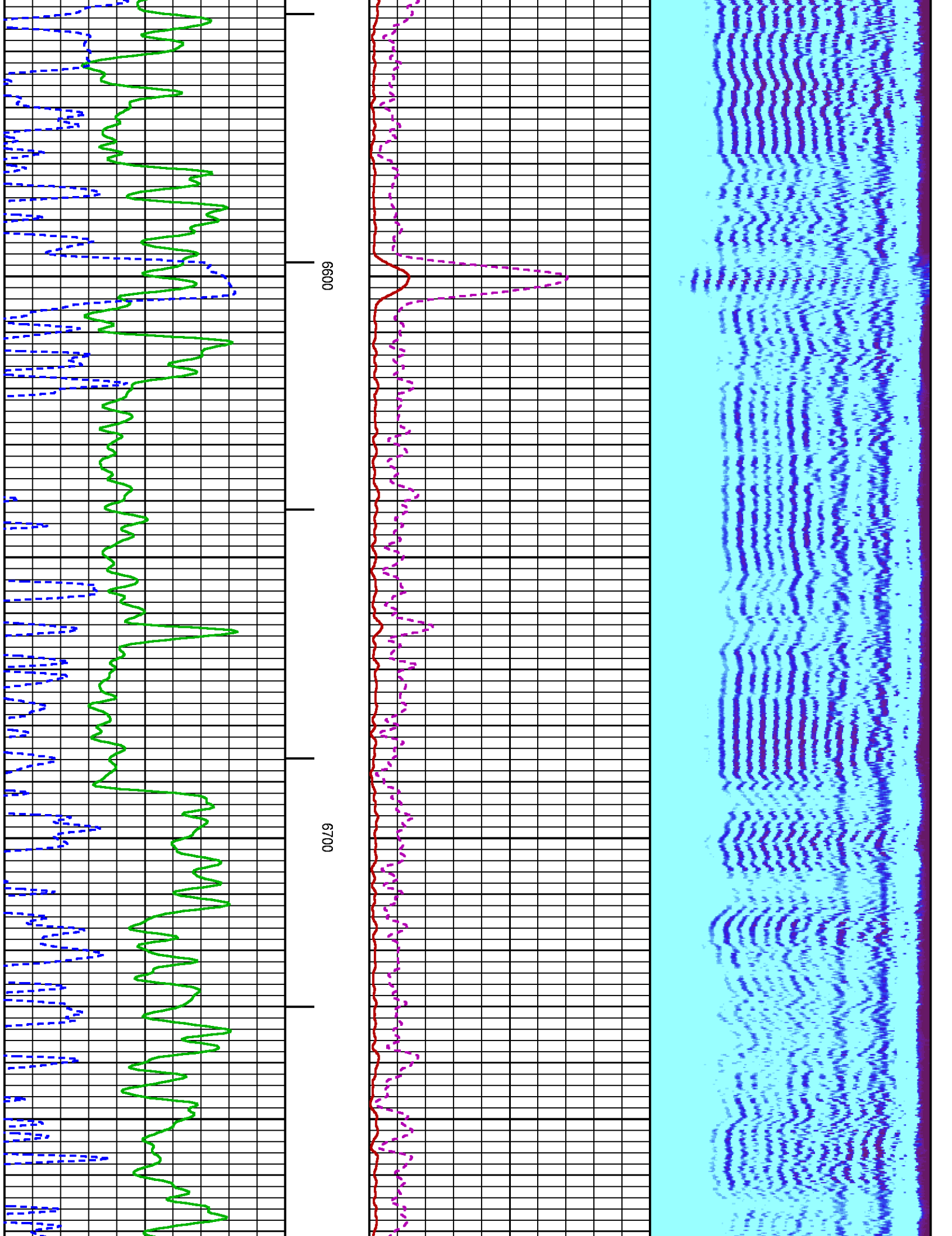


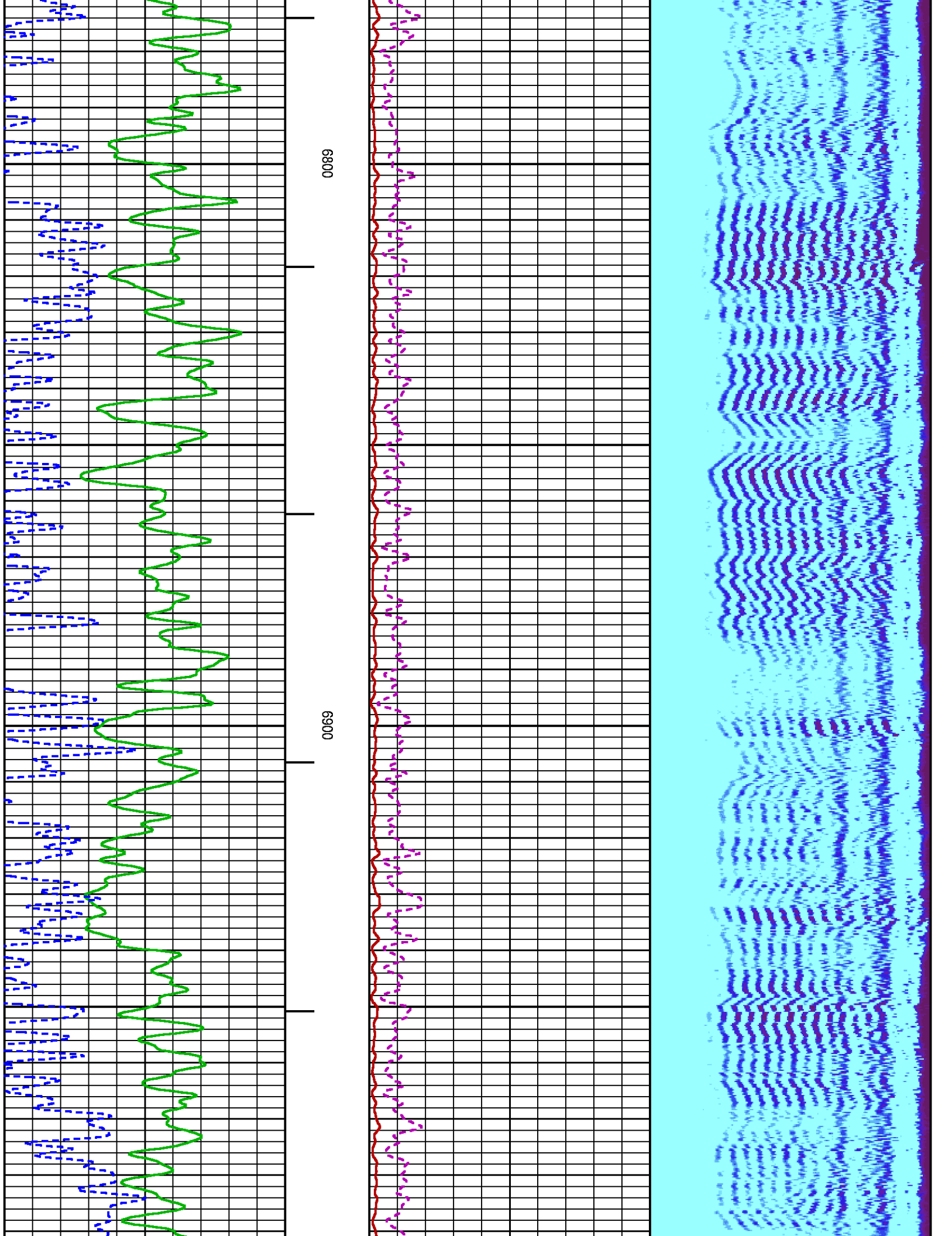


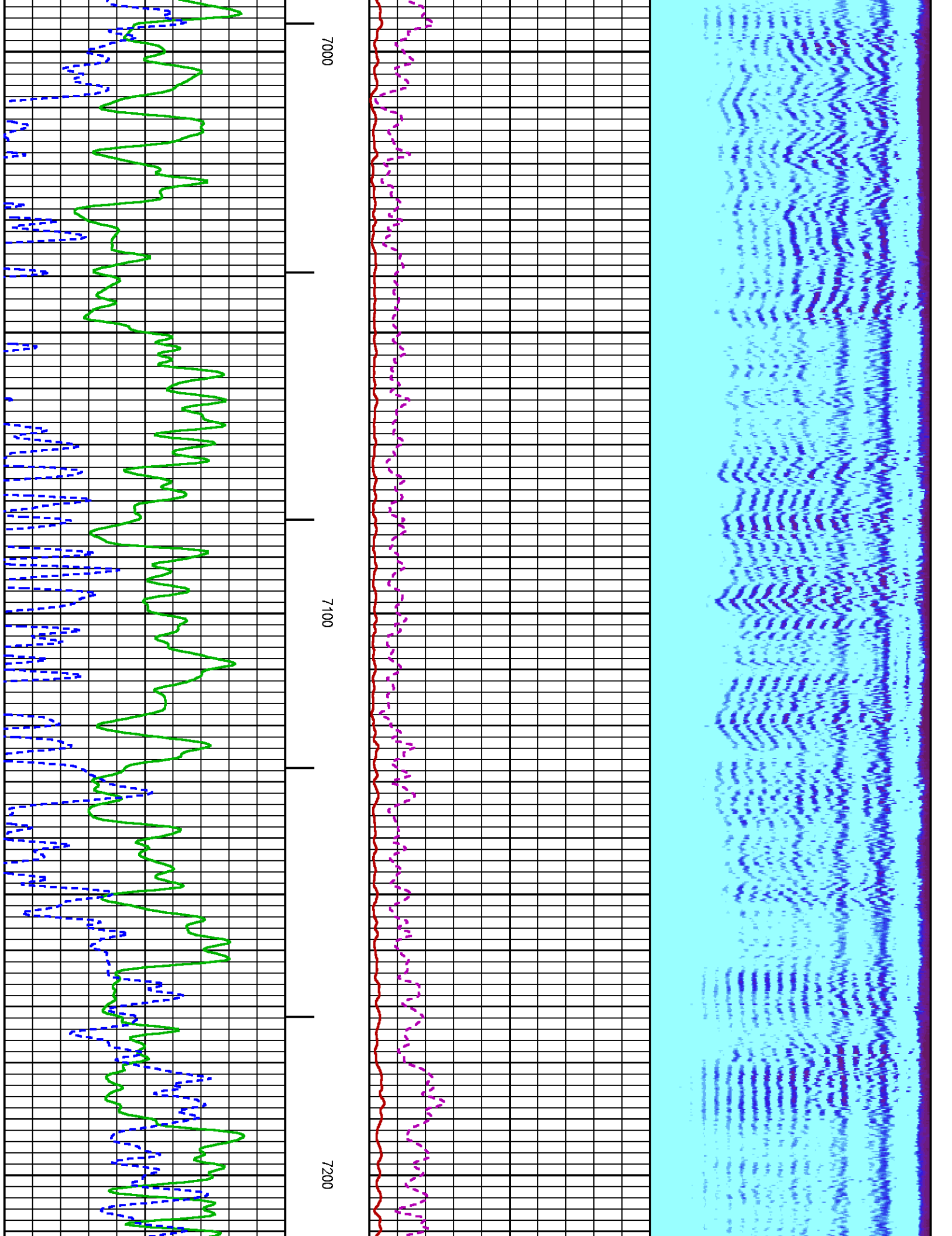


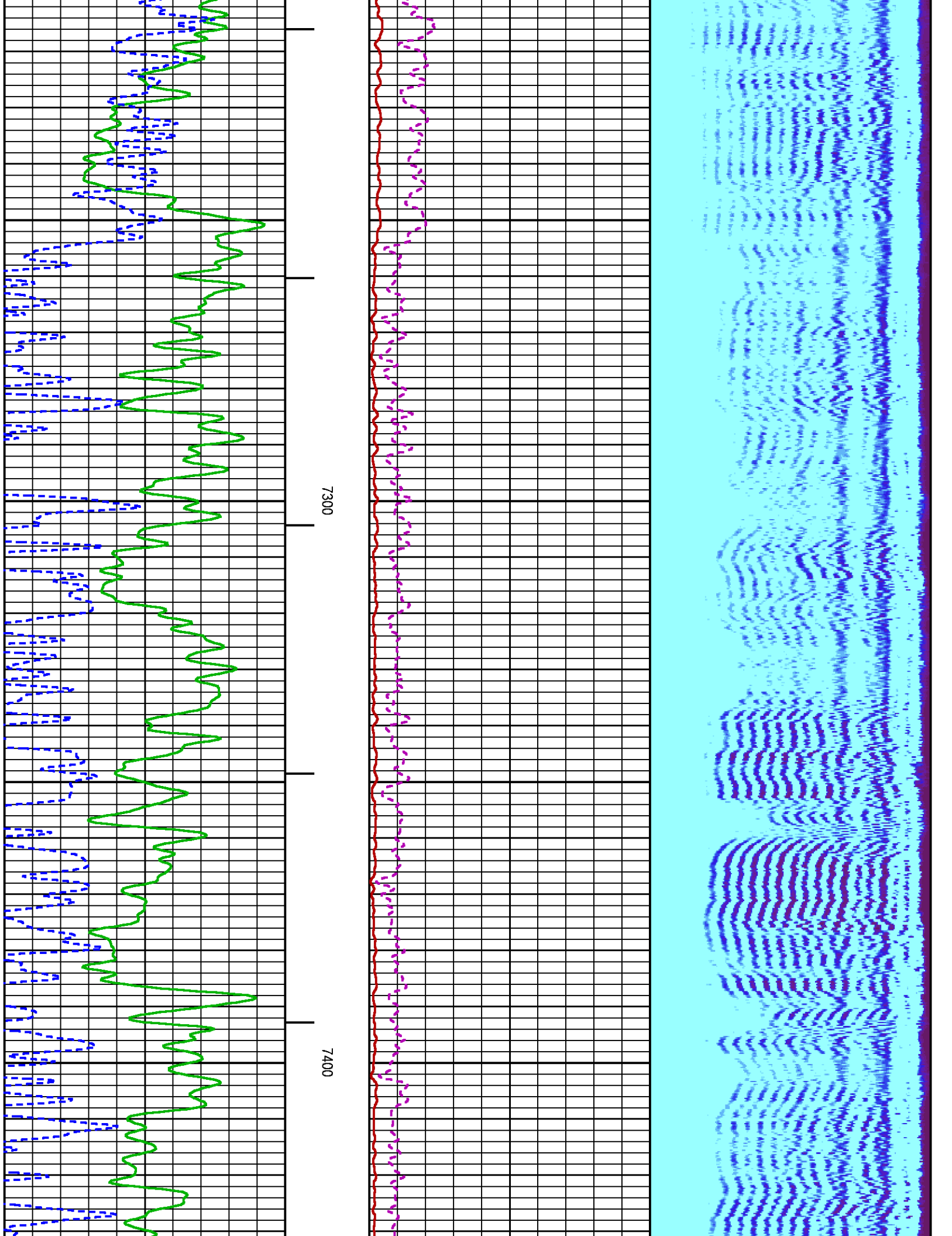




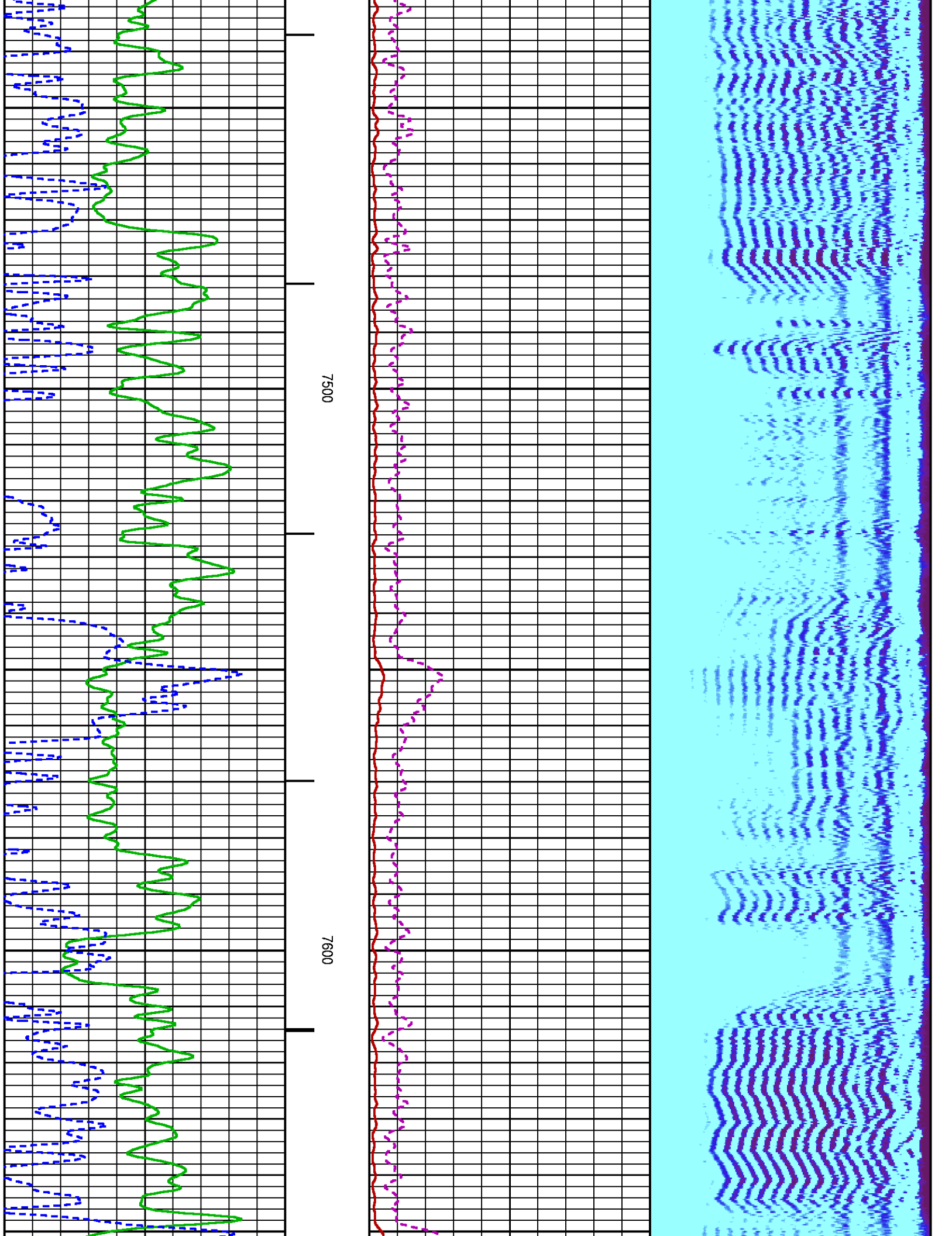


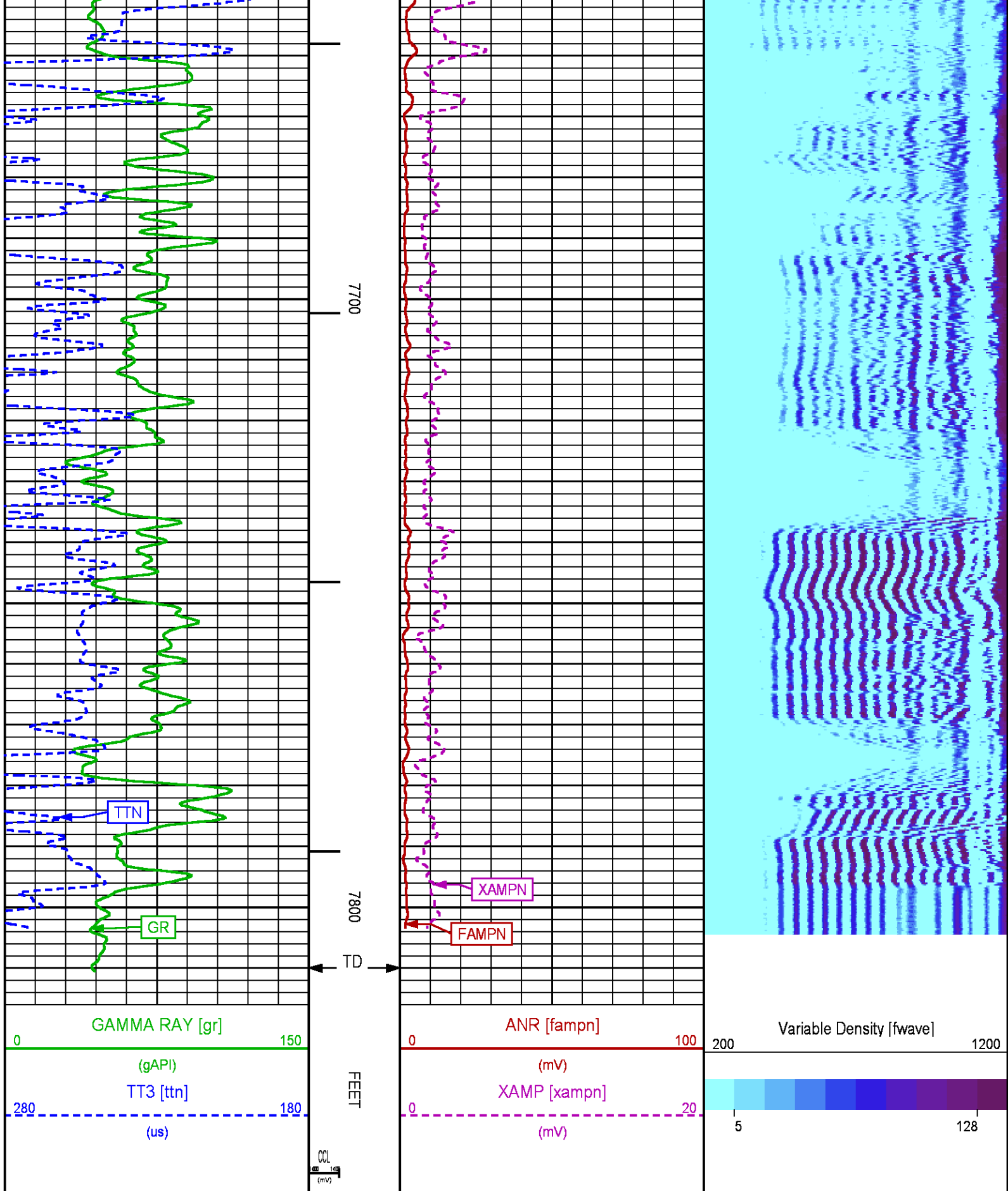












Plotted: Sun Mar 1 12:08:18 2015

PARAMETER AND FILTER SUMMARY REPORT					
FILE: /dat1a/CH094695/n012e02.prm LOGGING MODE: DEPTH DIRECTION: UP TOP DEPTH: 25.500 ft BOTTOM DEPTH: 7814.750 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 (fgp1*)	185	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	185	us	"	"
	AMP WINDOW START (fgp3*)	185	us	"	"
	AMP WINDOW START (fgp4*)	185	us	"	"
	AMP WINDOW START (fgp5*)	185	us	"	"
	AMP WINDOW START (fgp6*)	185	us	"	"
	AMP WINDOW START (fgp7*)	185	us	"	"
	AMP WINDOW START (fgp8*)	185	us	"	"
	AMP WINDOW START (fgpn*)	185	us	"	"
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	176	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 (str1*)	-66	us	"	"
	TOOL DELAY (str2*)	-66	us	"	"
	TOOL DELAY (str3*)	-66	us	"	"
	TOOL DELAY (str4*)	-66	us	"	"
	TOOL DELAY (str5*)	-66	us	"	"
	TOOL DELAY (str6*)	-66	us	"	"
	TOOL DELAY (str7*)	-66	us	"	"
	TOOL DELAY (str8*)	-66	us	"	"
	TOOL DELAY (strn*)	-66	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	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	80	mV	TOP	BOTTOM
	FREE AMP REC 2	80	mV	"	"
	FREE AMP REC 3	80	mV	"	"
	FREE AMP REC 4	80	mV	"	"
	FREE AMP REC 5	80	mV	"	"
	FREE AMP REC 6	80	mV	"	"
	FREE AMP REC 7	80	mV	"	"
	FREE AMP REC 8	80	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	"	"

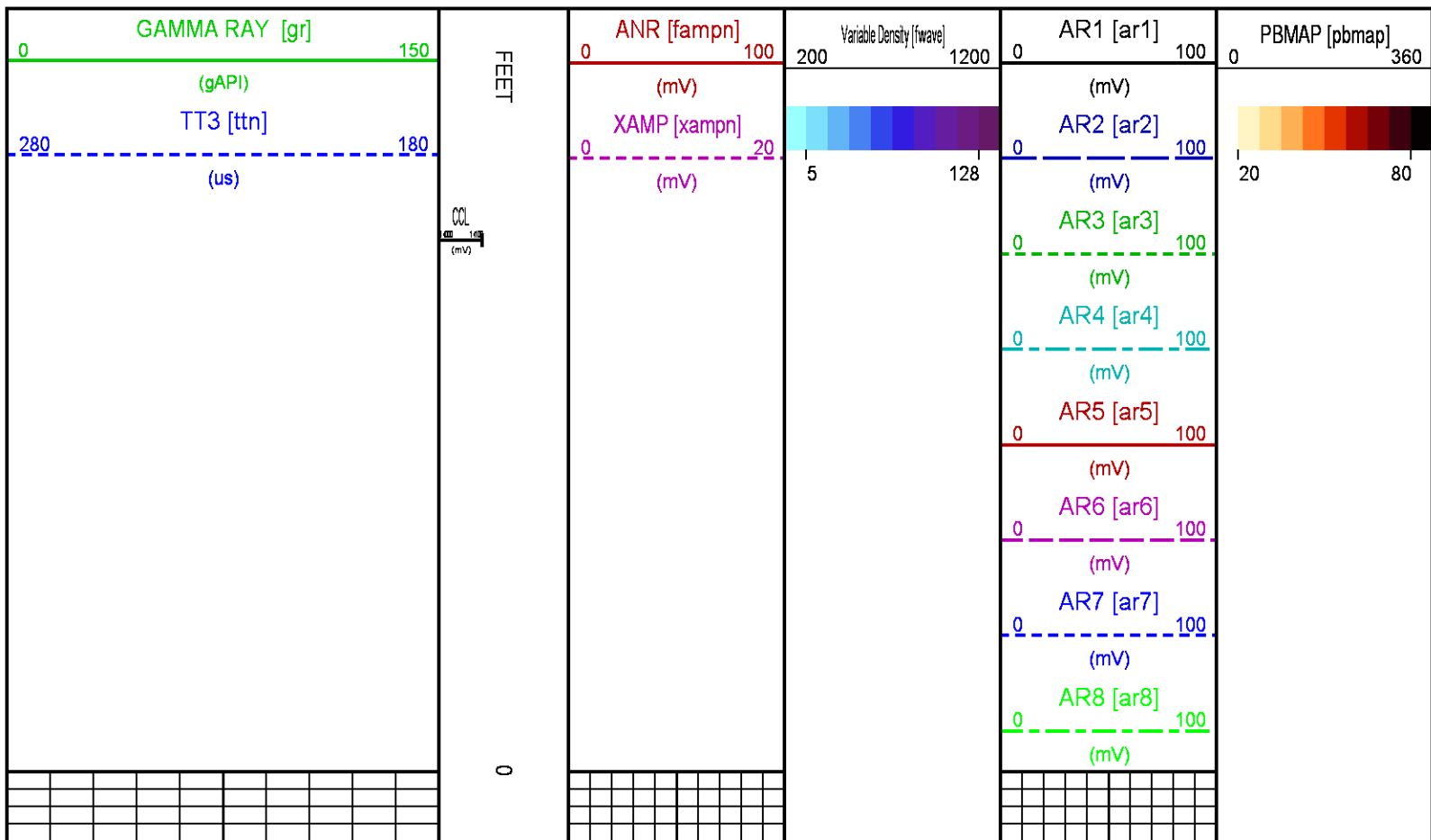
## CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Mar 1 08:42:15 2015	CASING COLLAR LOCATOR
F1:FAMPN	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Mar 1 08:42:15 2015	FAR WAVE FORM
F1:GR	Mar 1 08:42:15 2015	GAMMA RAY
F1:PBMAP	Mar 1 08:42:15 2015	PERCENT BOND CEMENT MAP
F1:TTN	Mar 1 08:42:15 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Mar 1 08:42:15 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

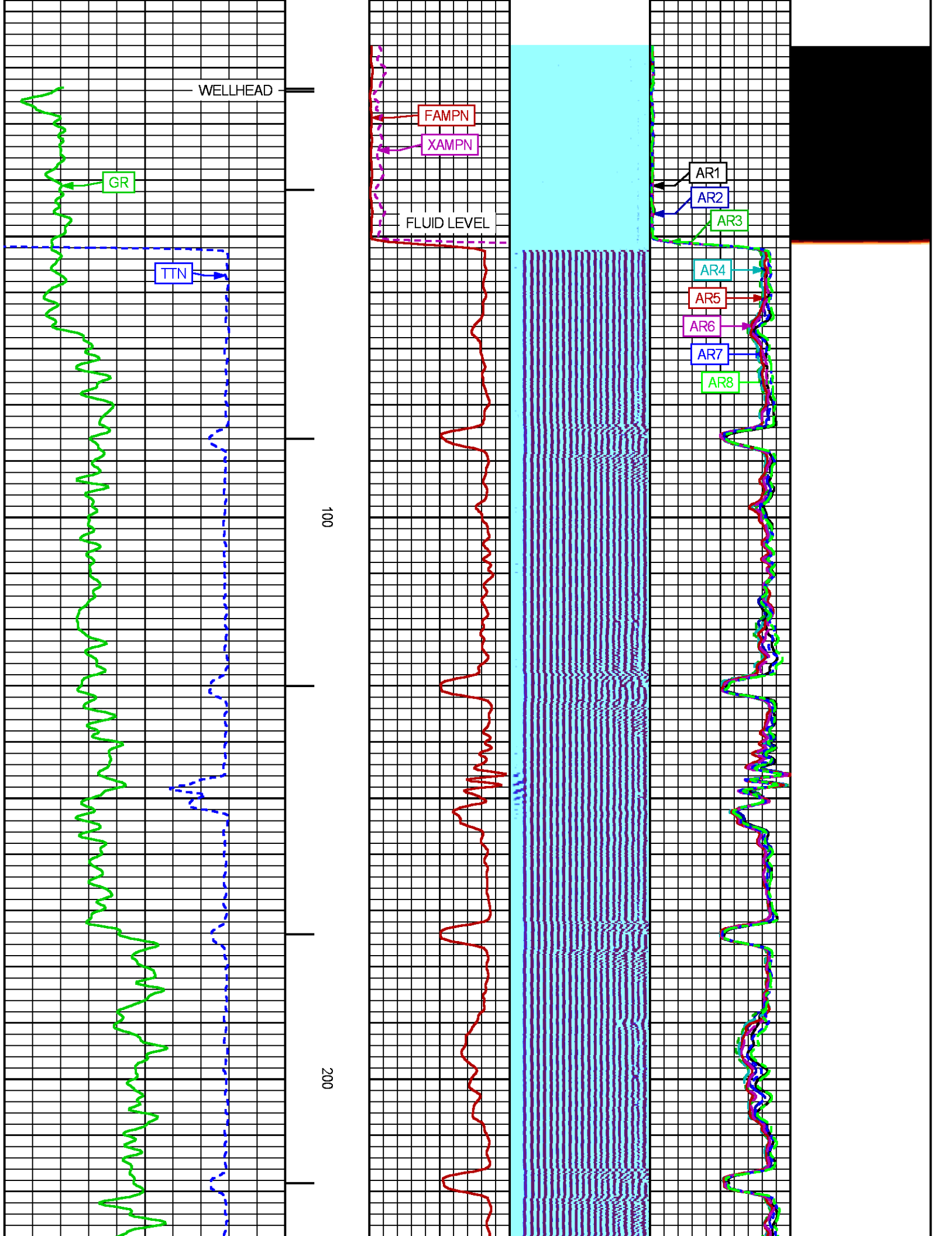
## CURVE MEASURE POINT OFFSET

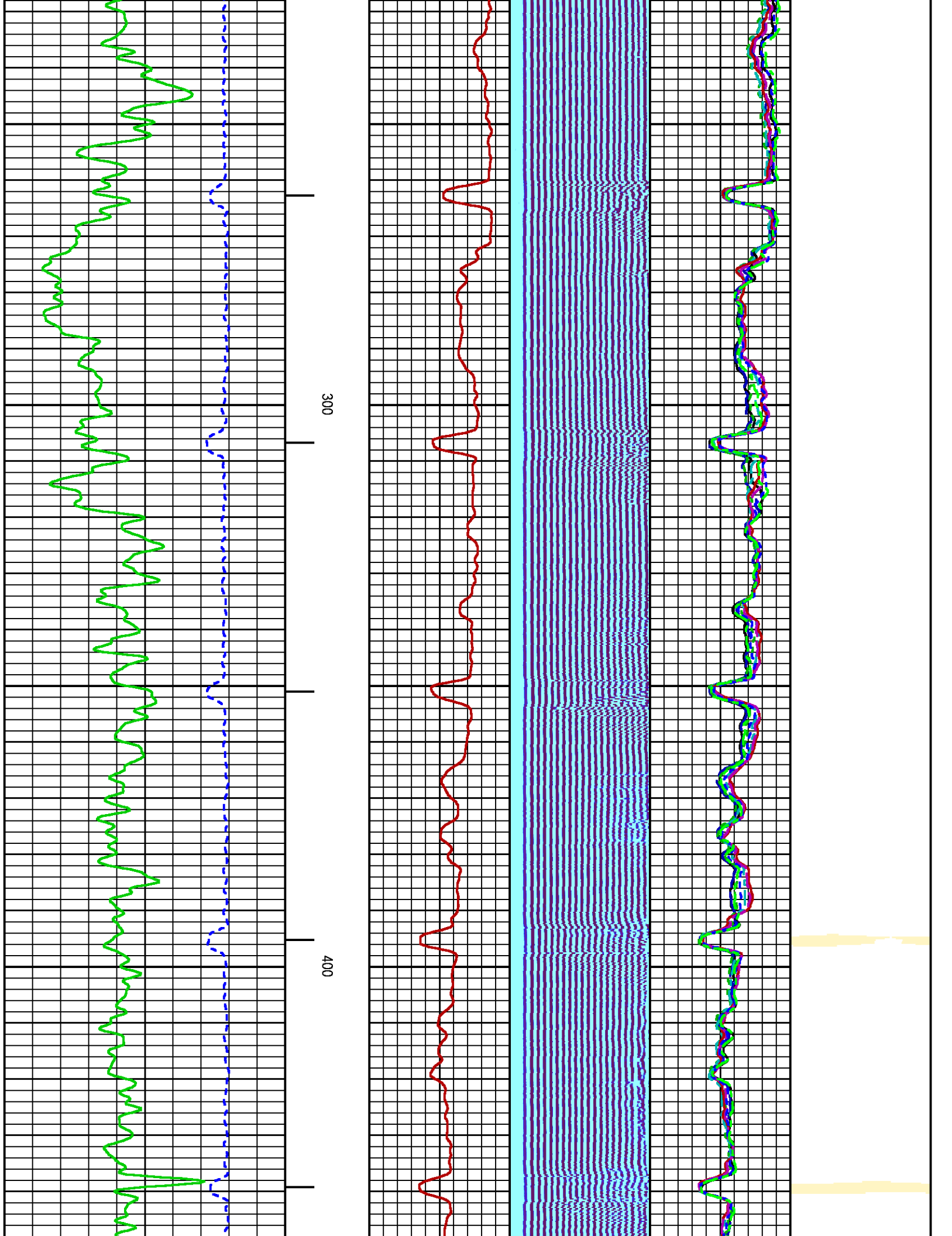
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		
AR4	13.75	AR8	13.75	TTN	13.75		

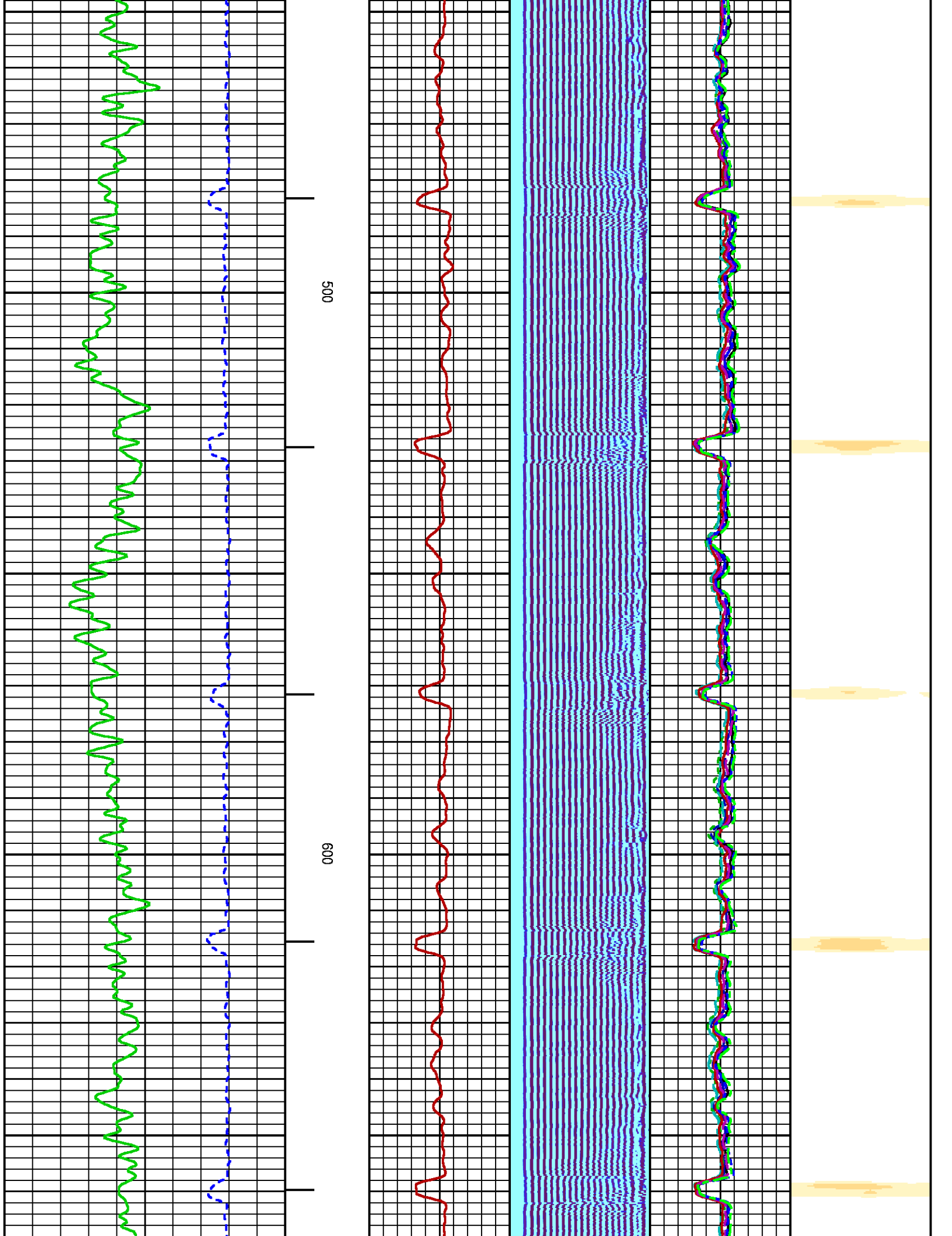
<b>Presentation</b>	: HL6670:/dat1a/CH094695/42CBL_SECONDARY.fvpdf [5"/100' Scale]
<b>Plot Interval</b>	: 0 - 7815 Feet
<b>Data File 1</b>	: F1 : HL6670:/dat1a/CH094695/42CBL_MAIN.xtf
<b>Created On</b>	: Mar 1 08:42:15 2015
<b>Company</b>	: WPX ENERGY
<b>Well</b>	: WPX ENERGY GM 42-28
<b>Field</b>	: GRAND VALLEY
<b>File Interval</b>	: 15 - 7818.25 Feet
<b>OCT</b>	: n012e

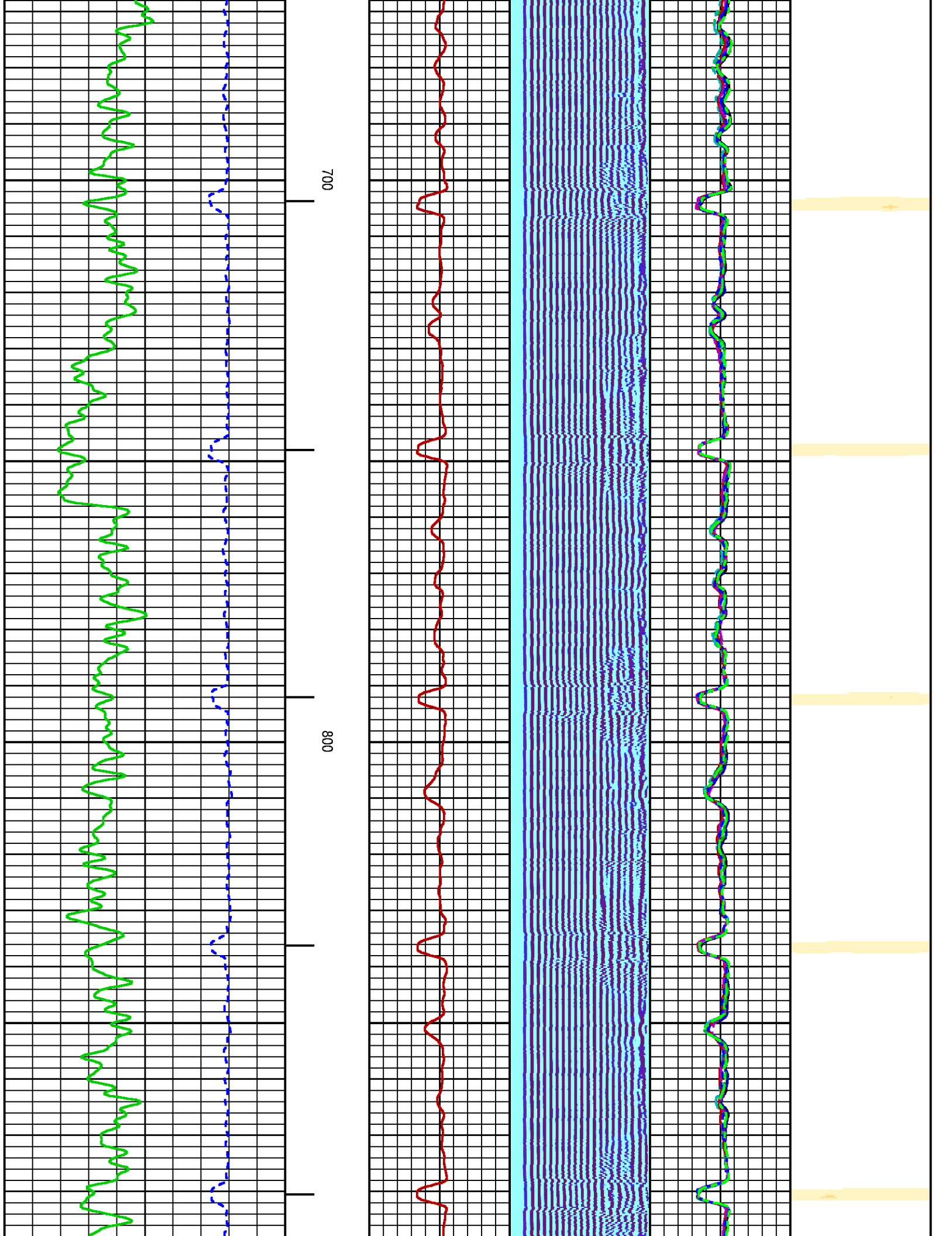




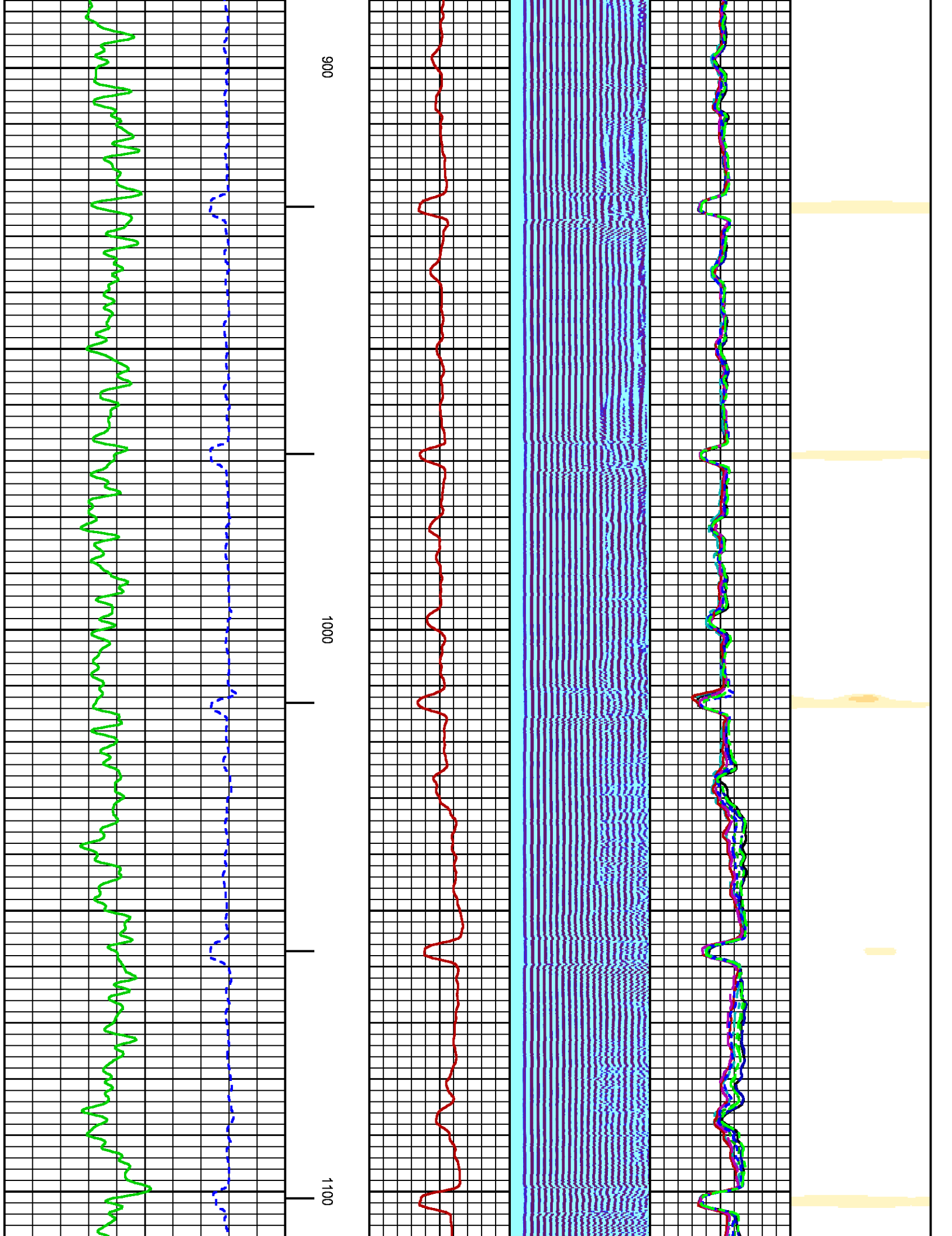


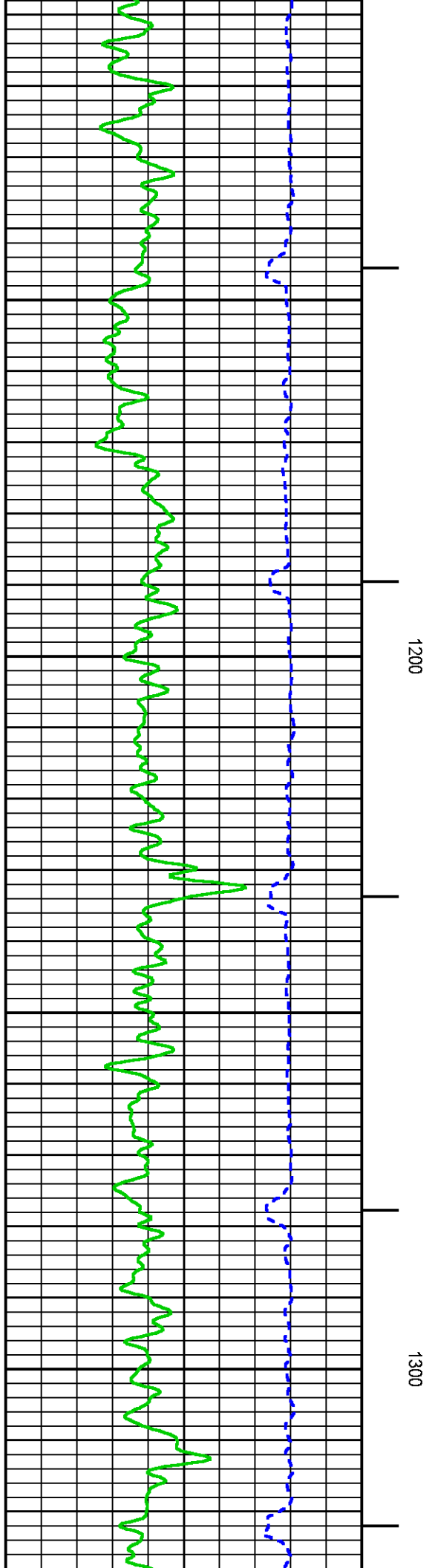
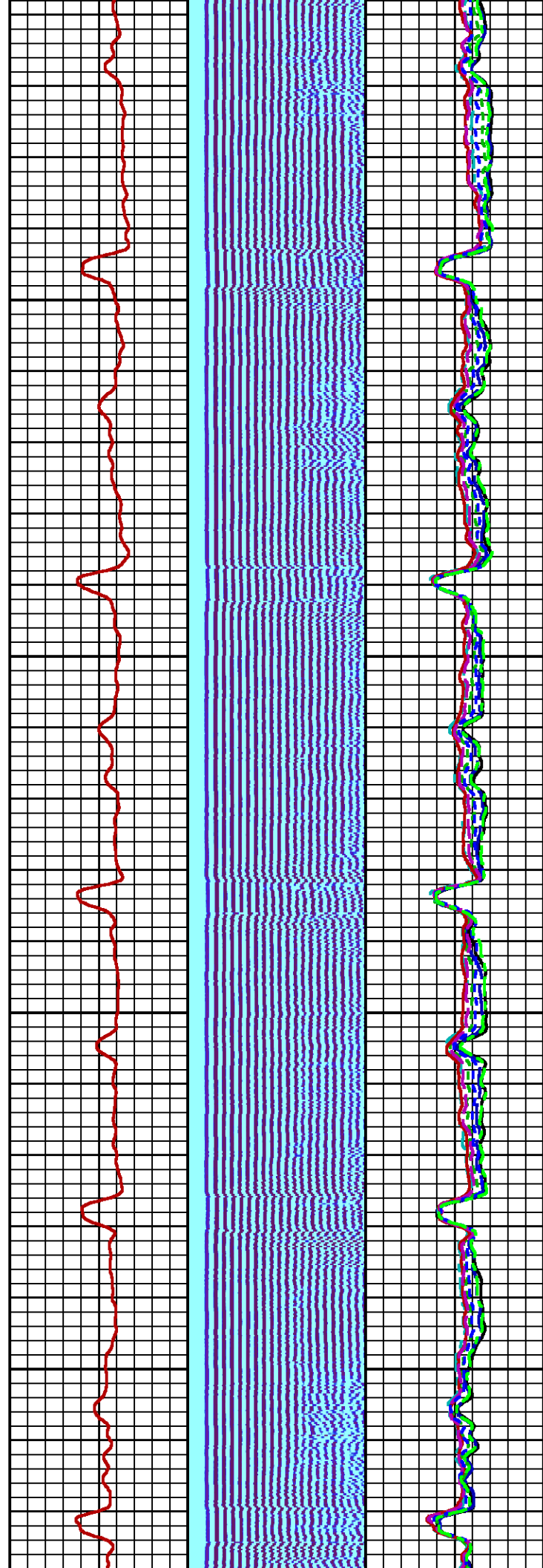


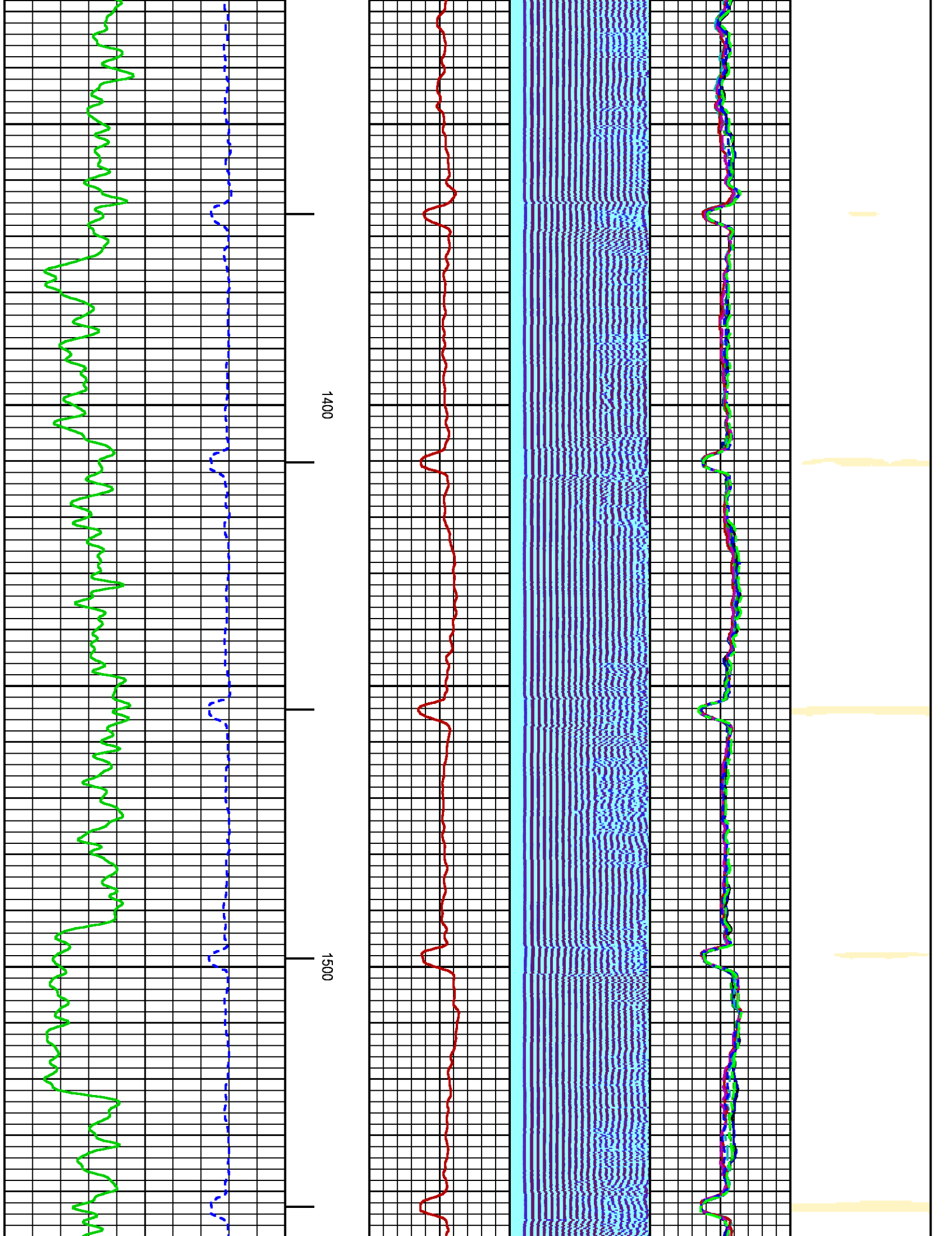


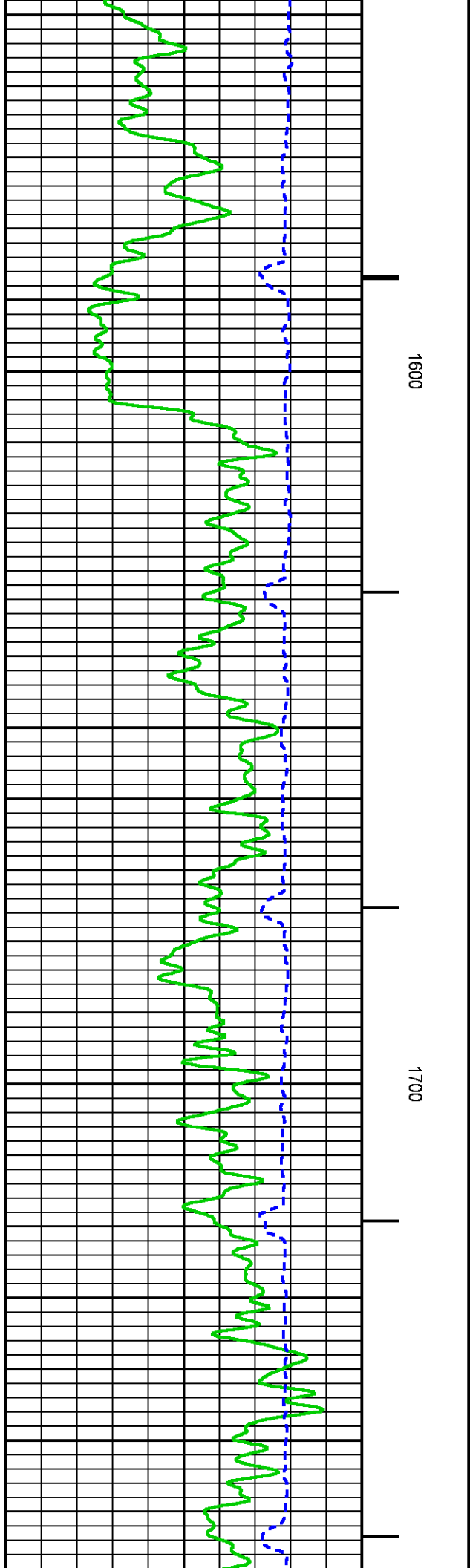
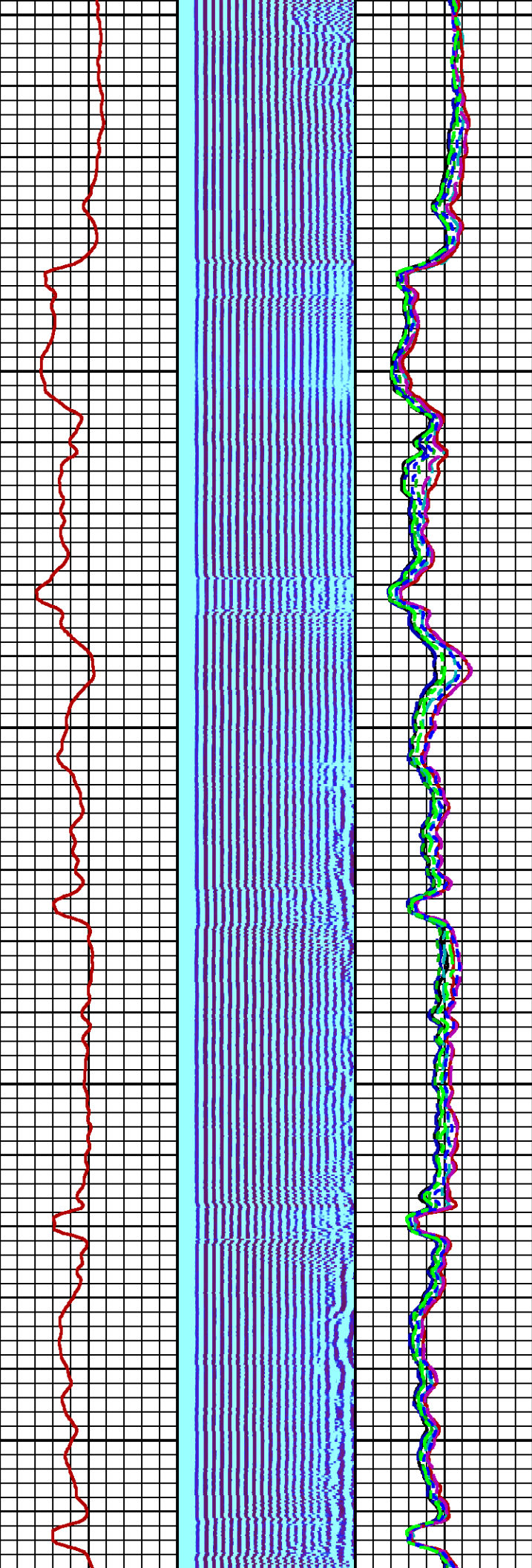
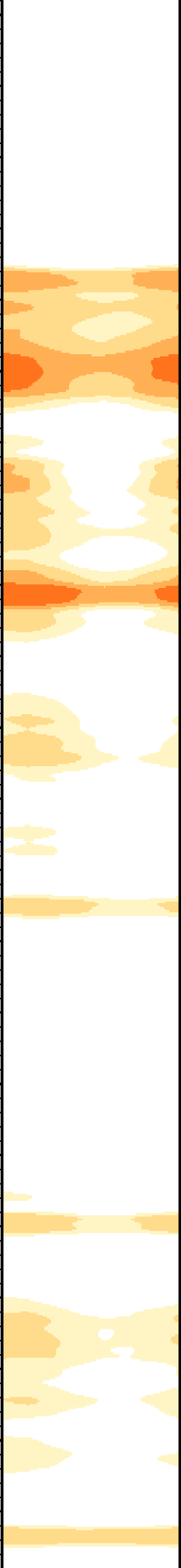




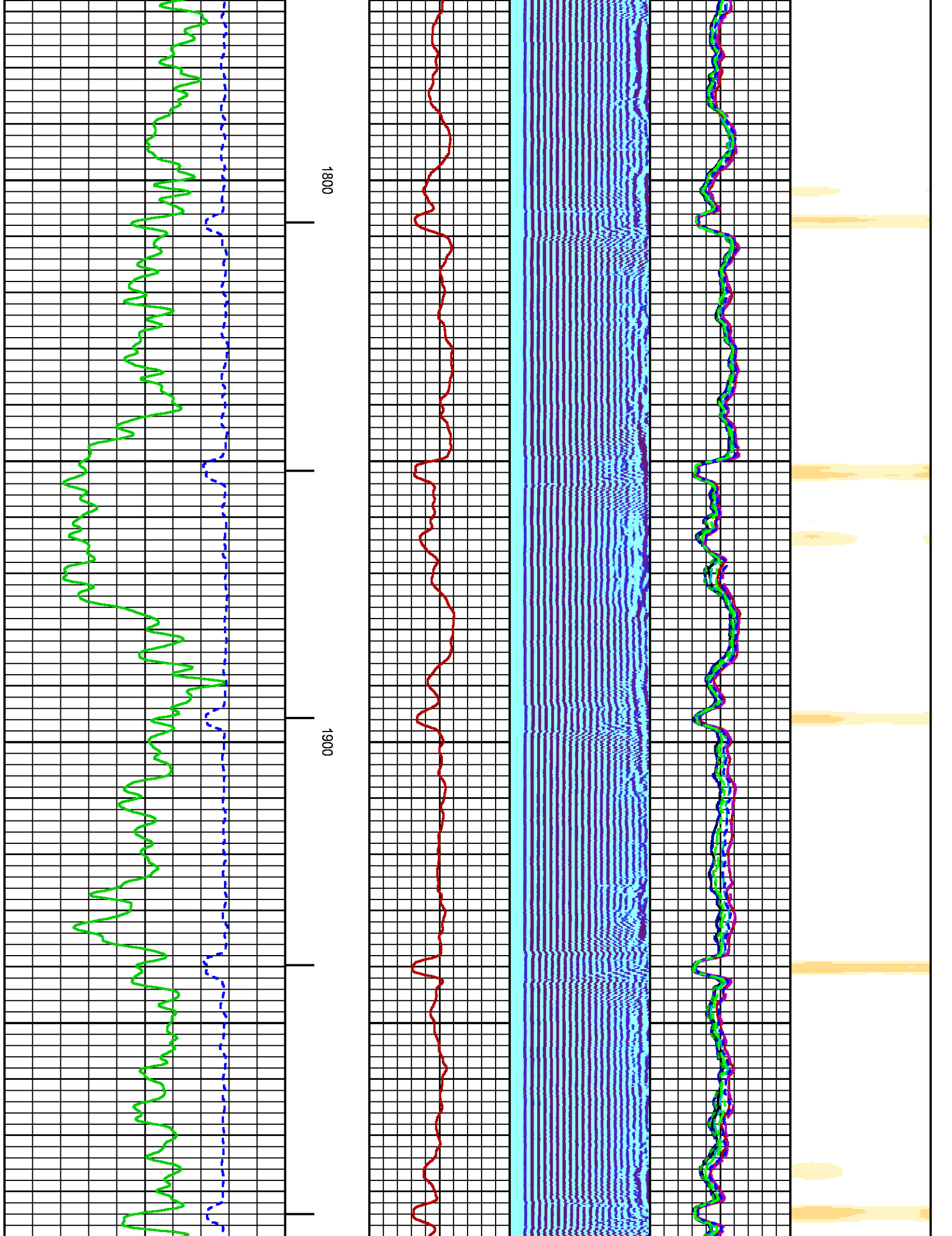


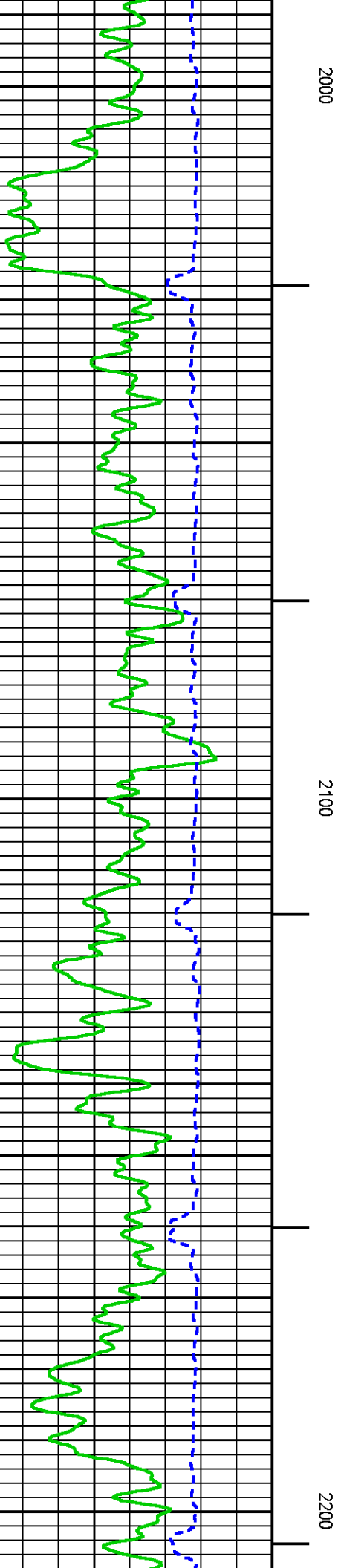
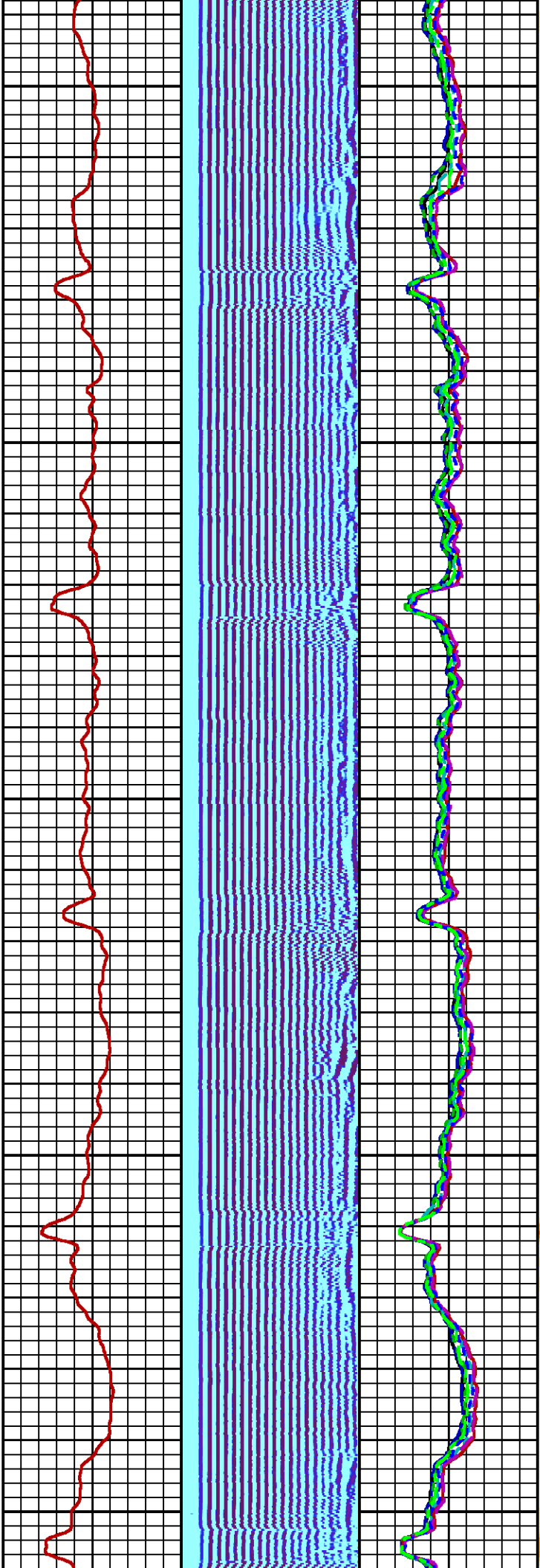
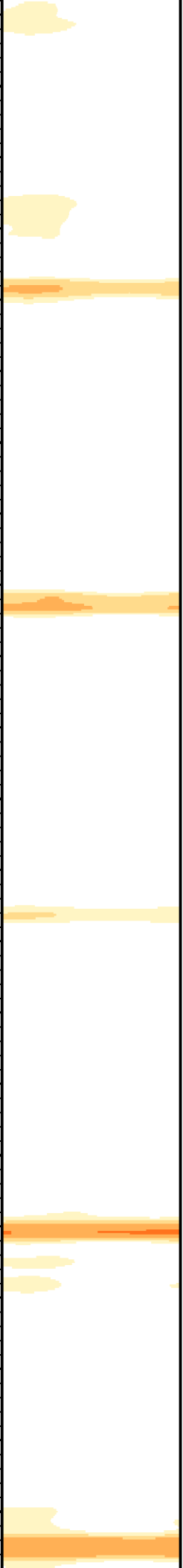


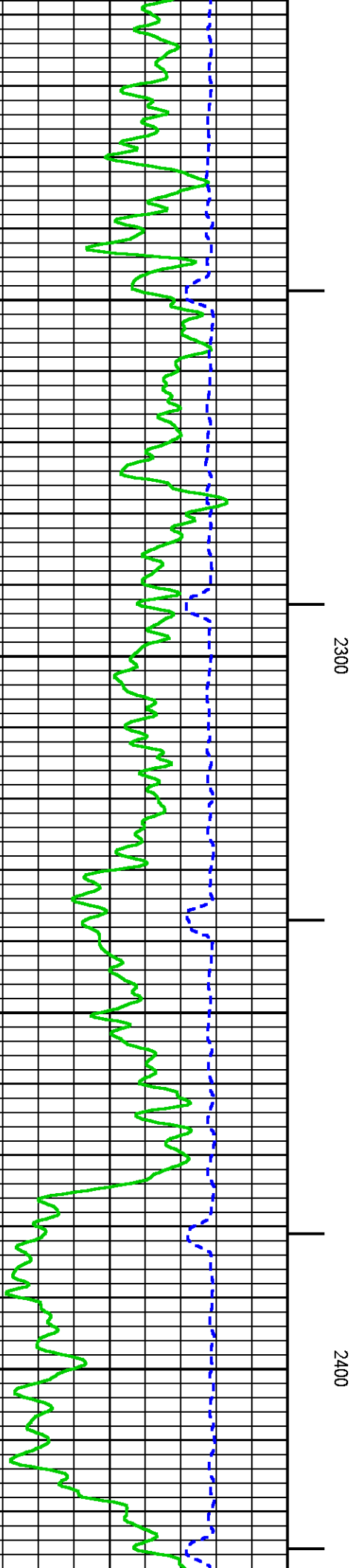
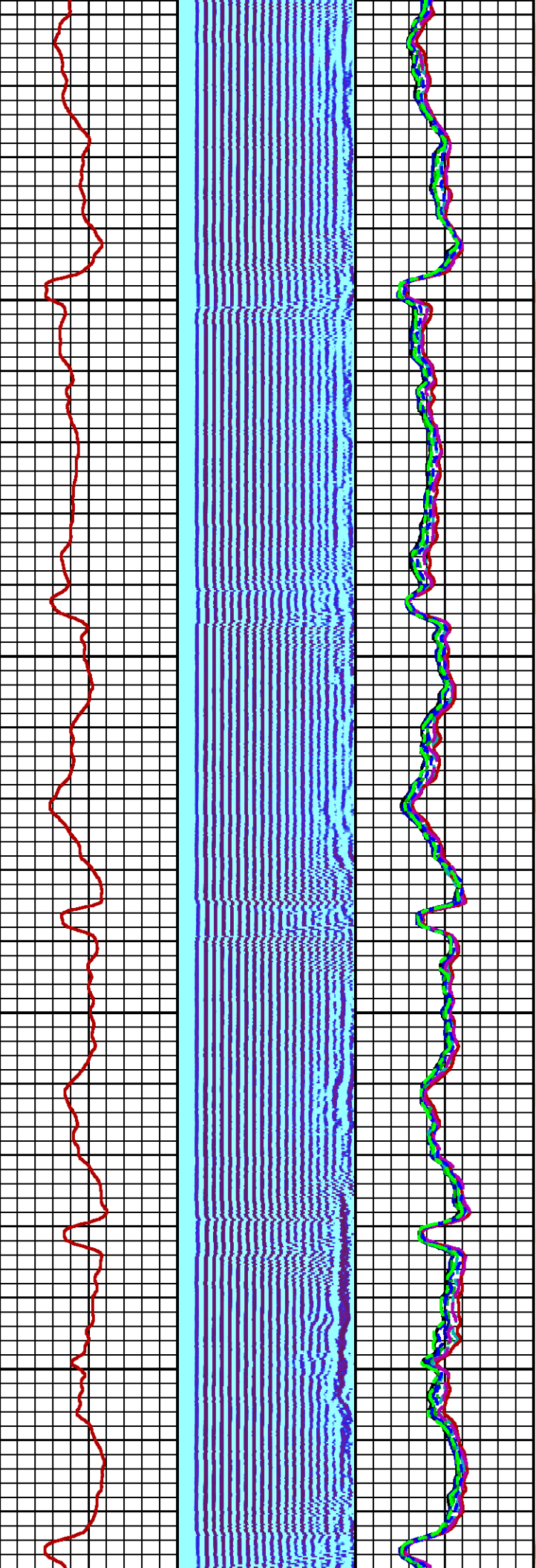
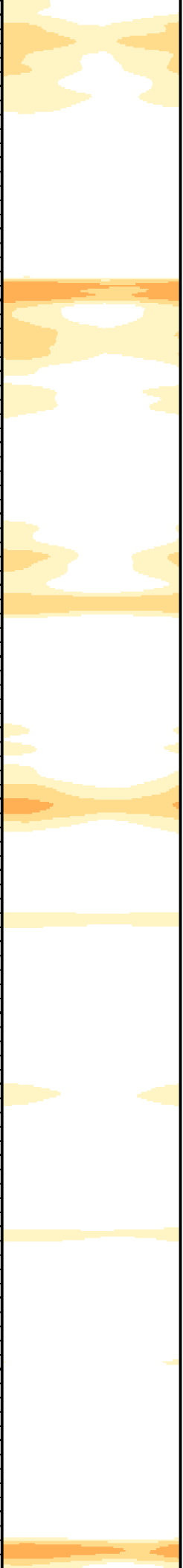


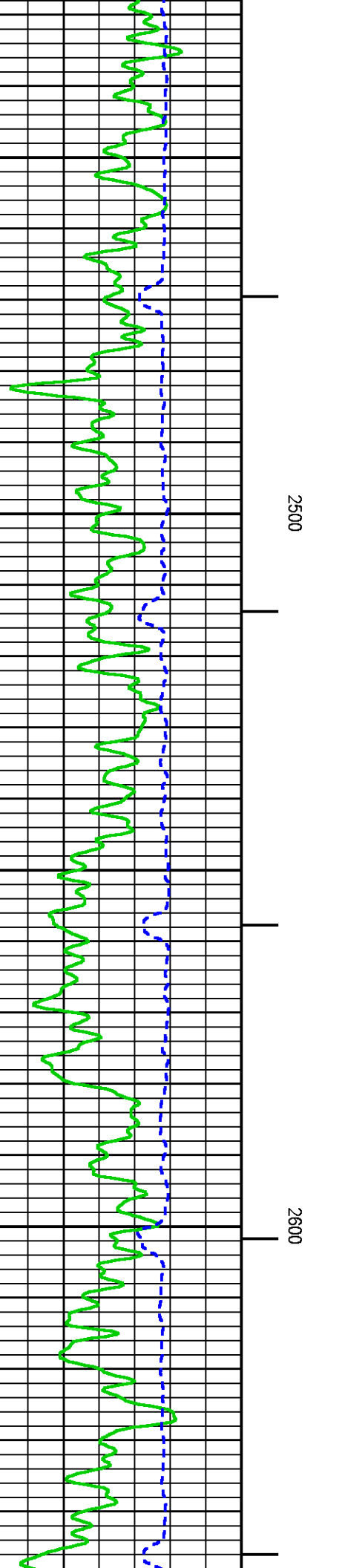
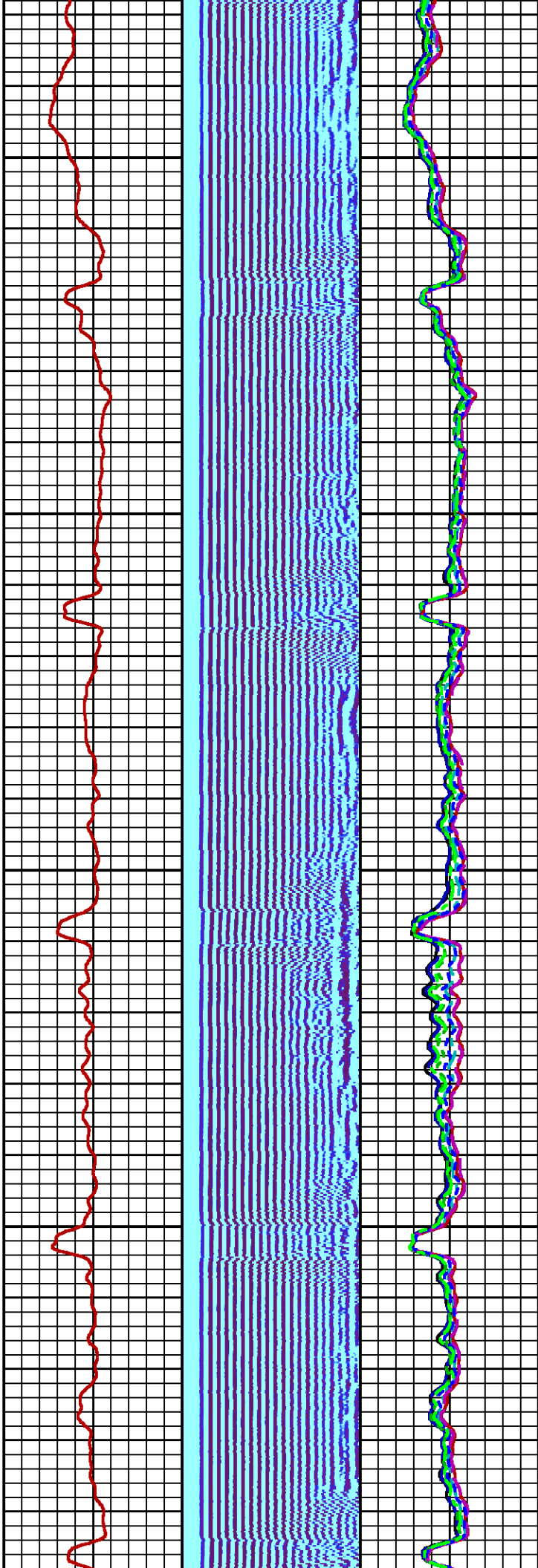
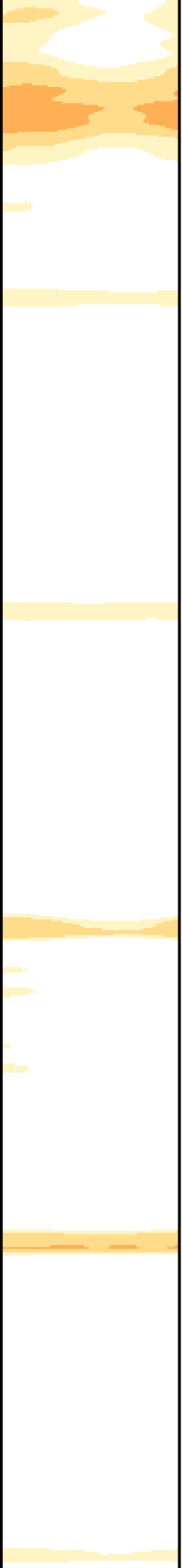




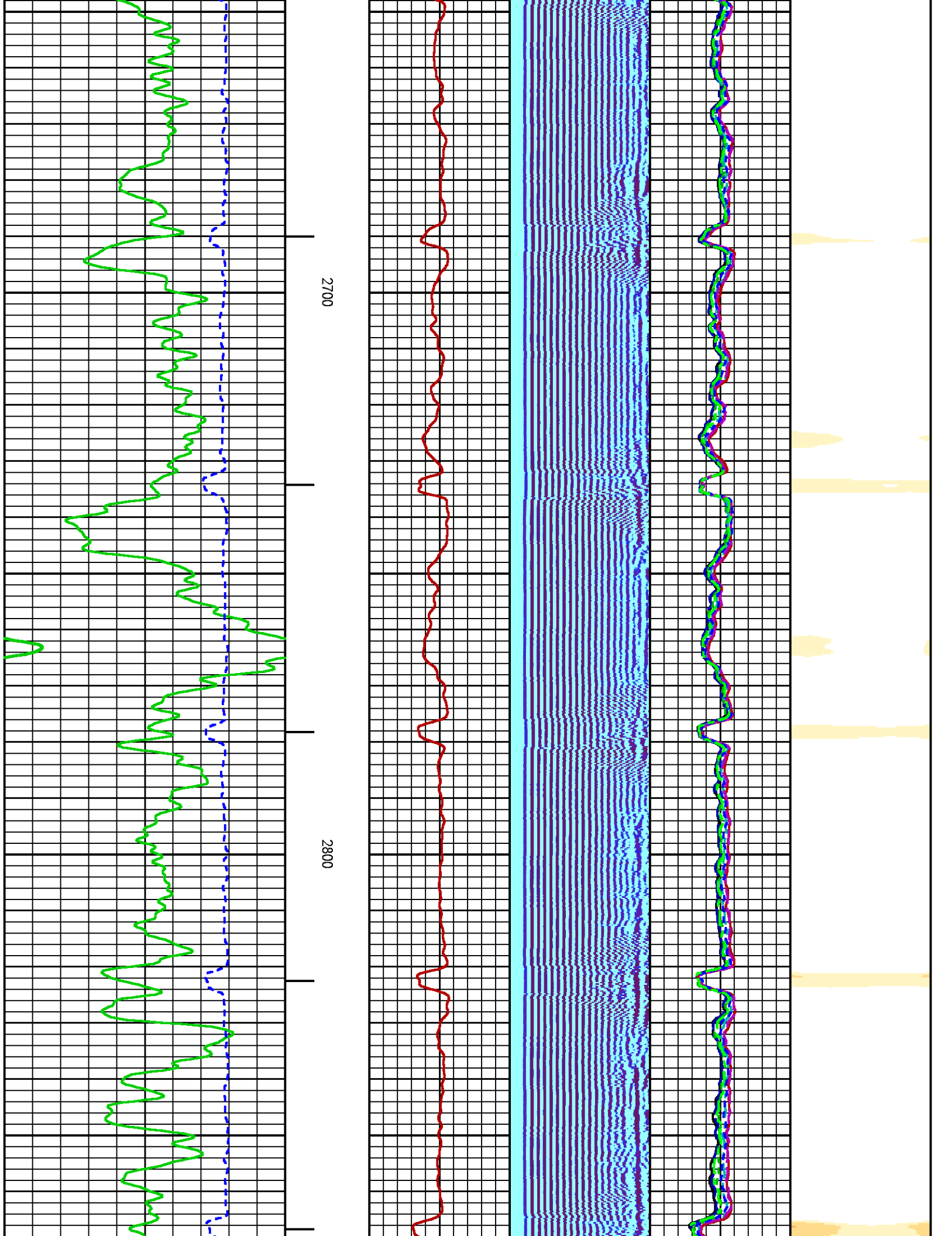


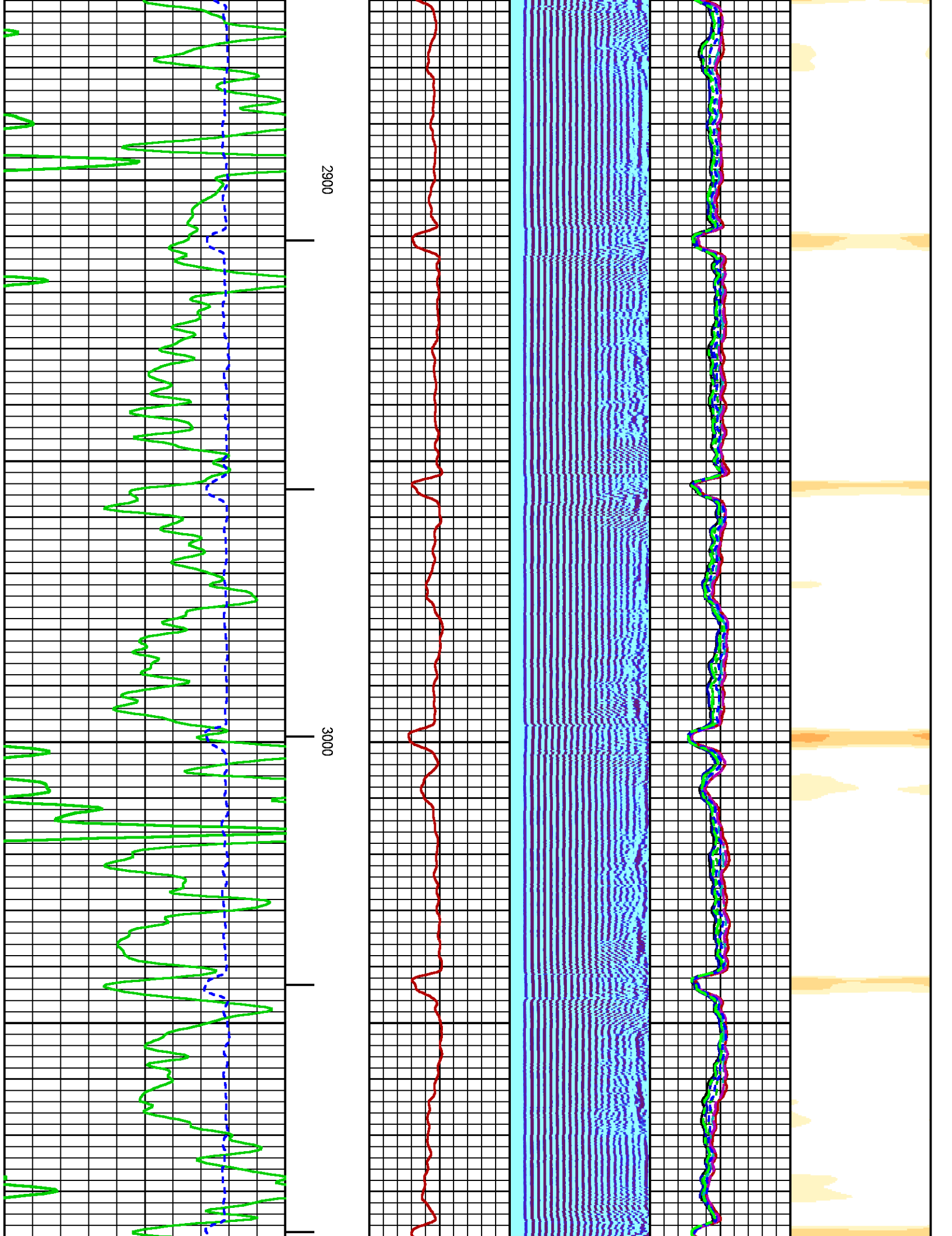


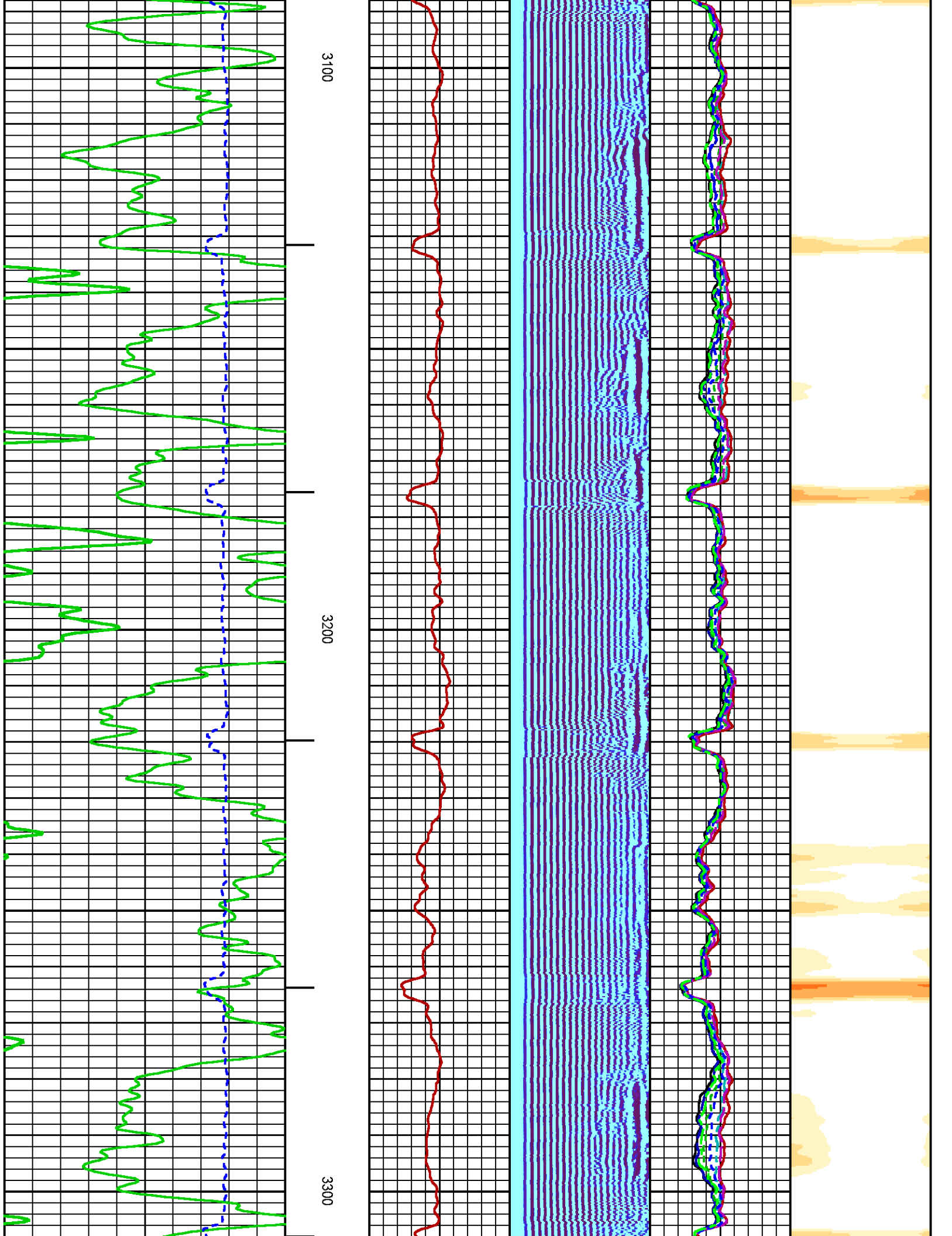


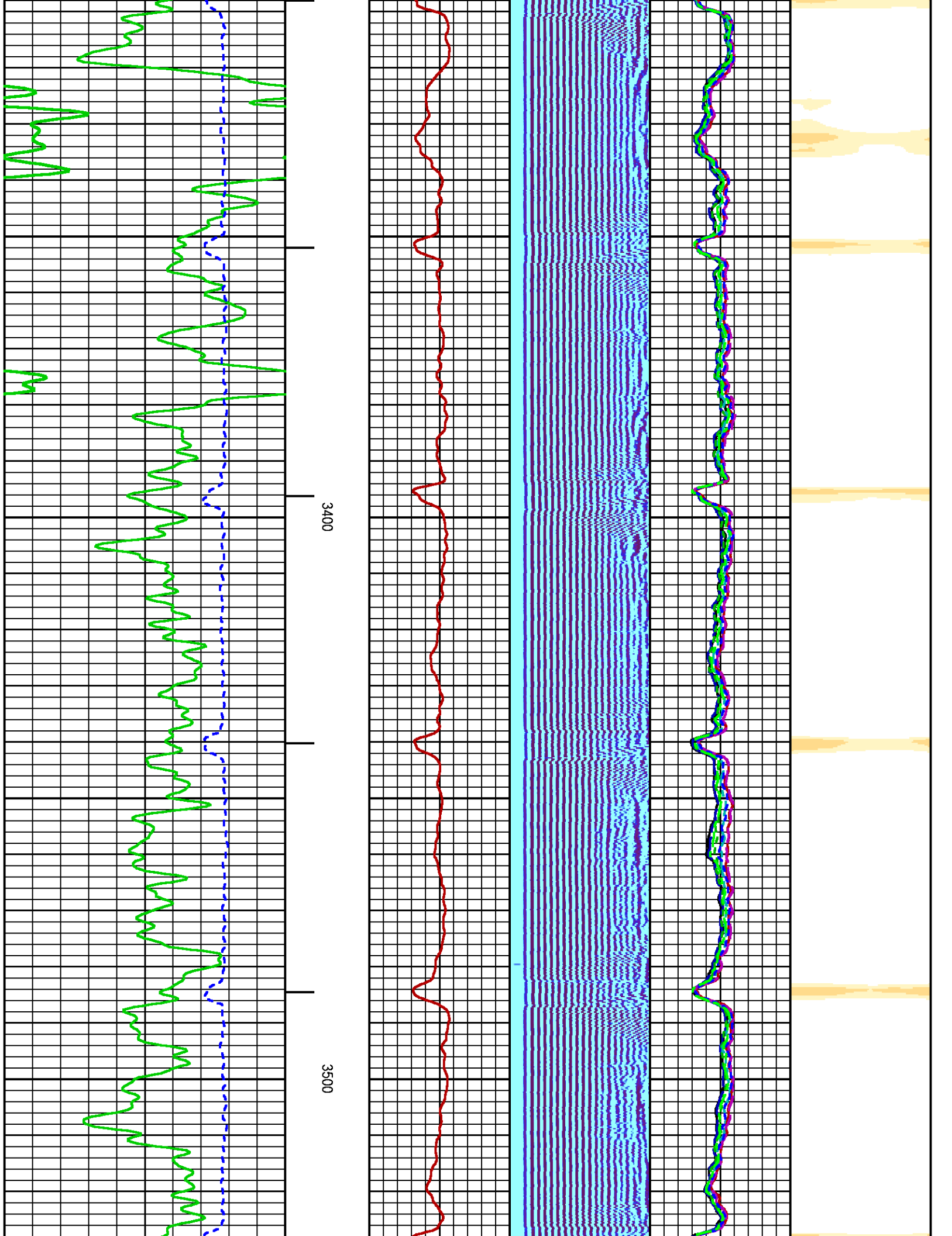




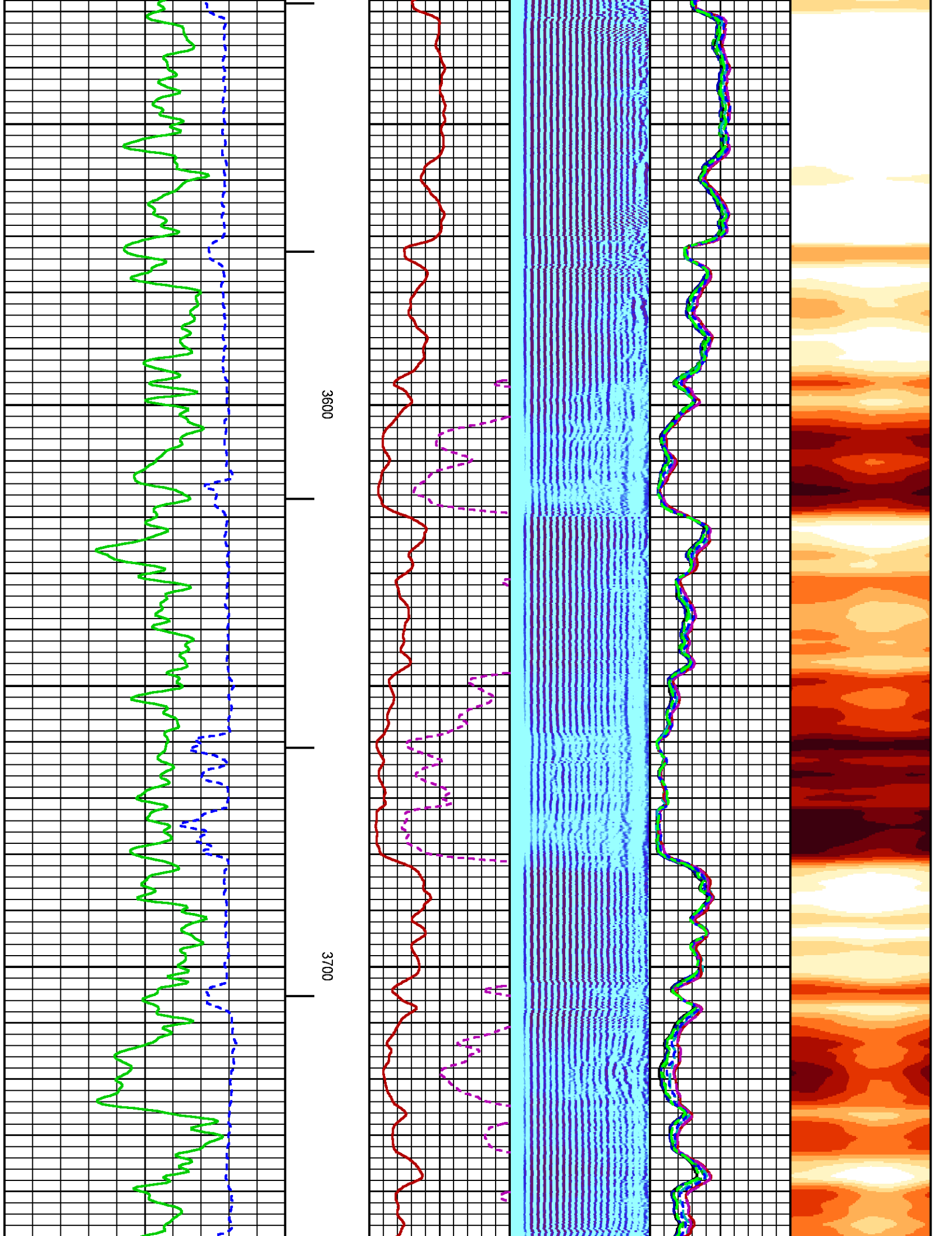


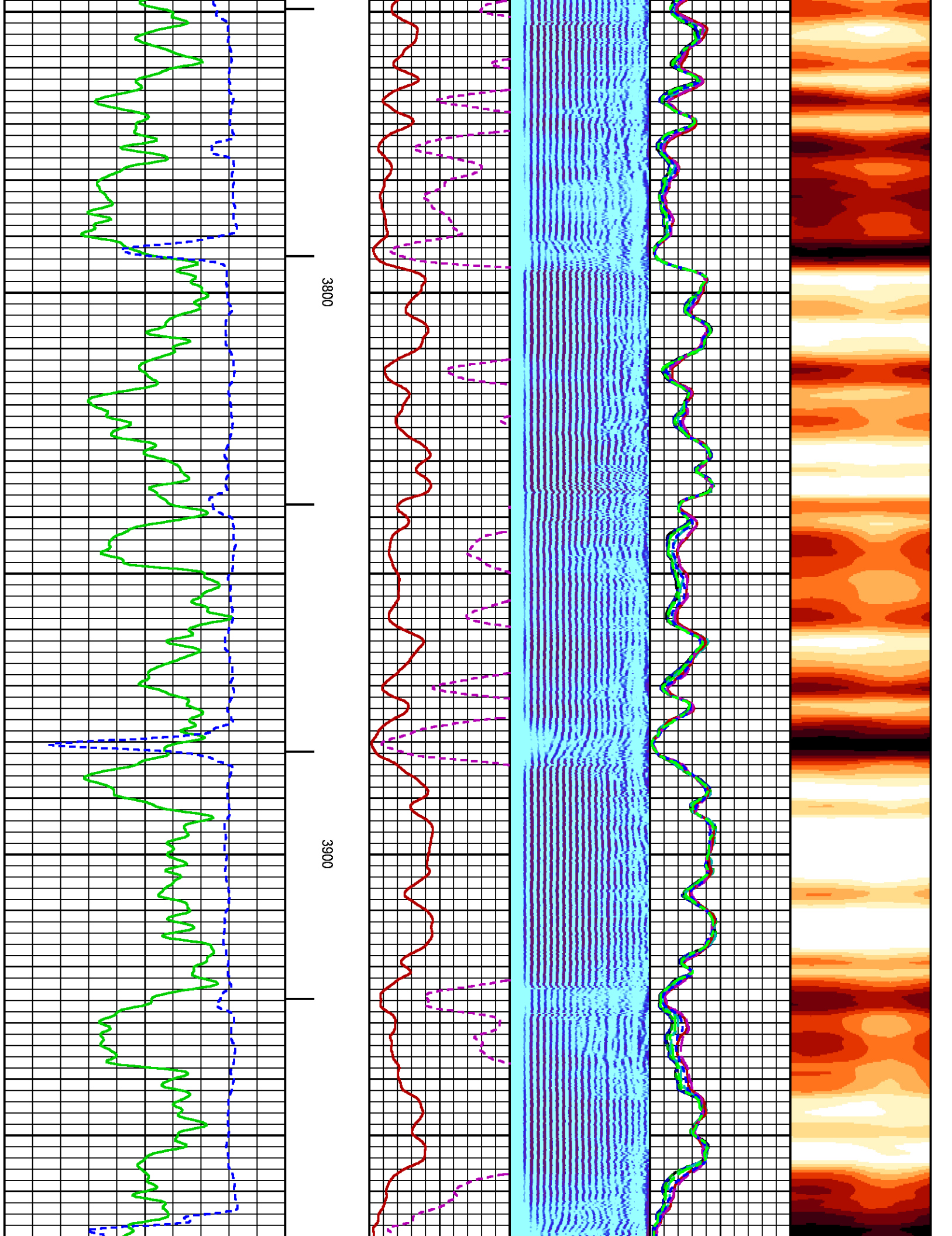


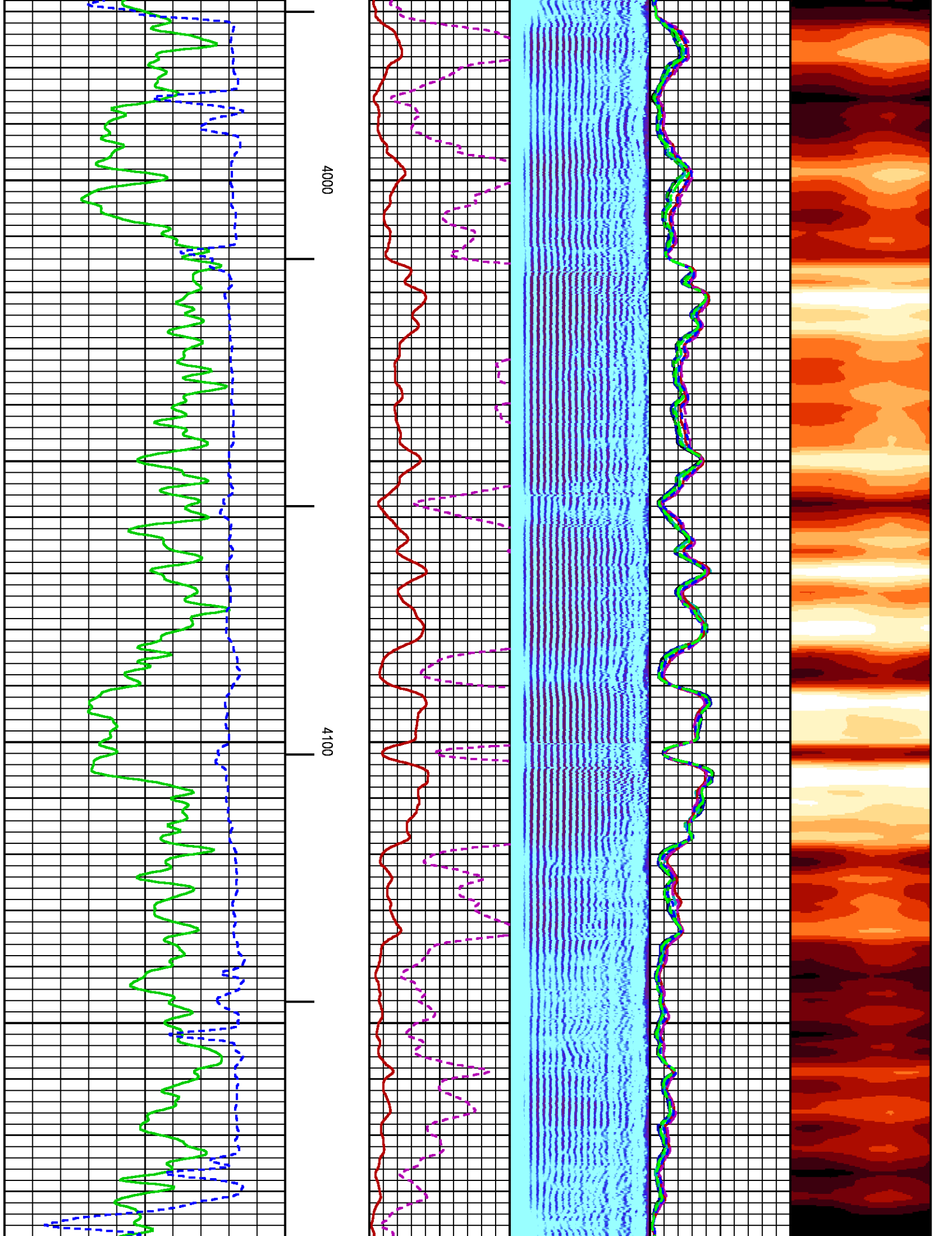


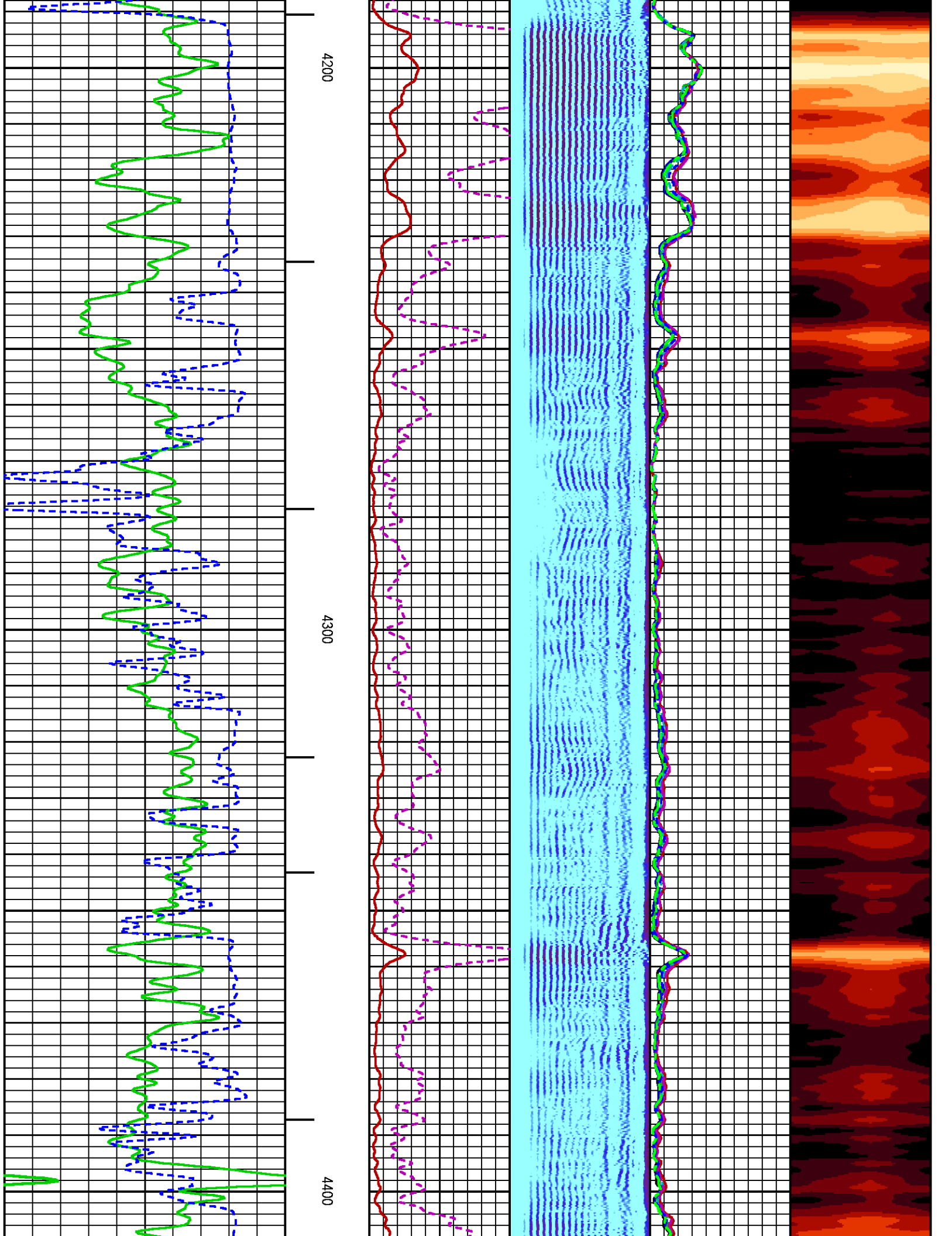




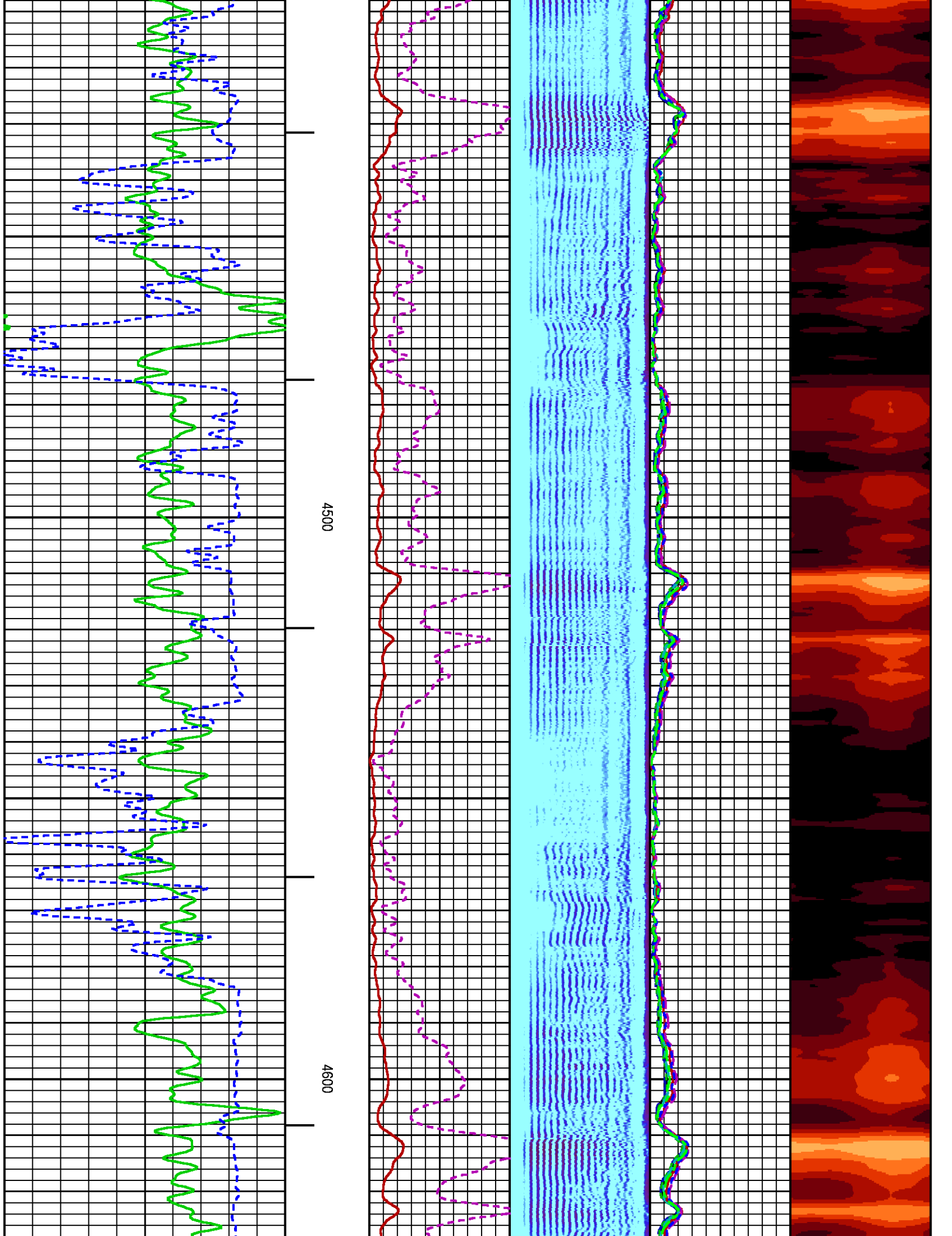


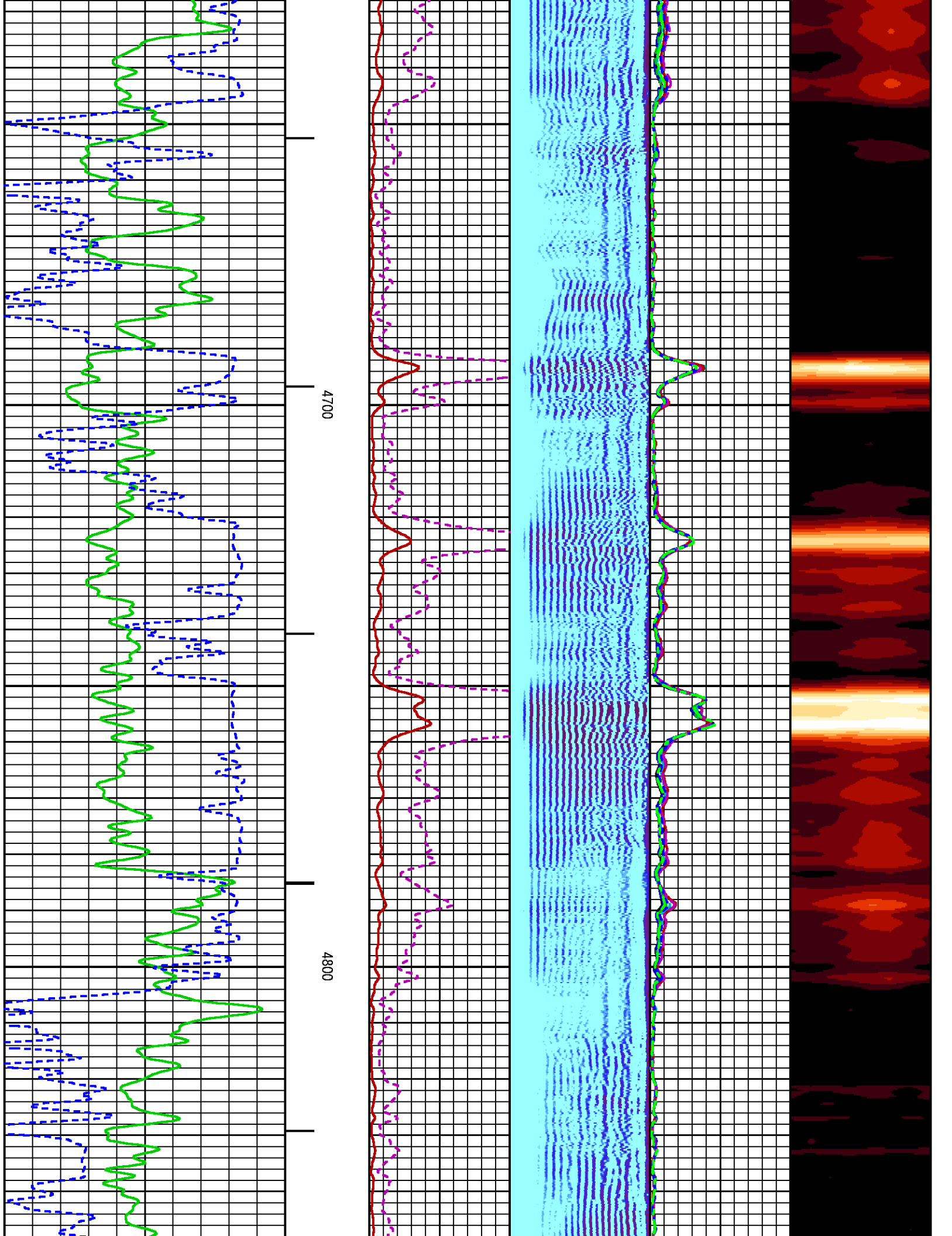


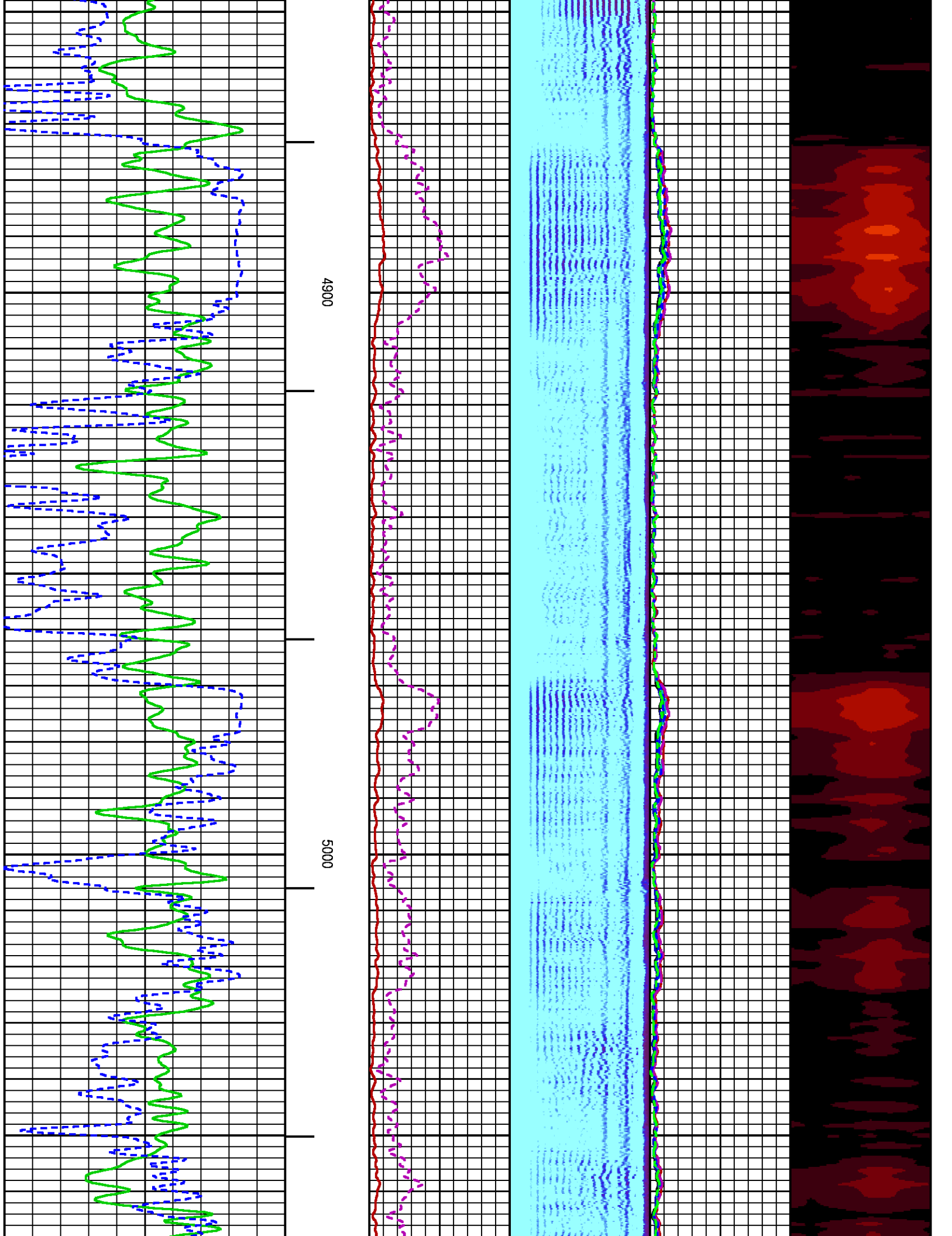


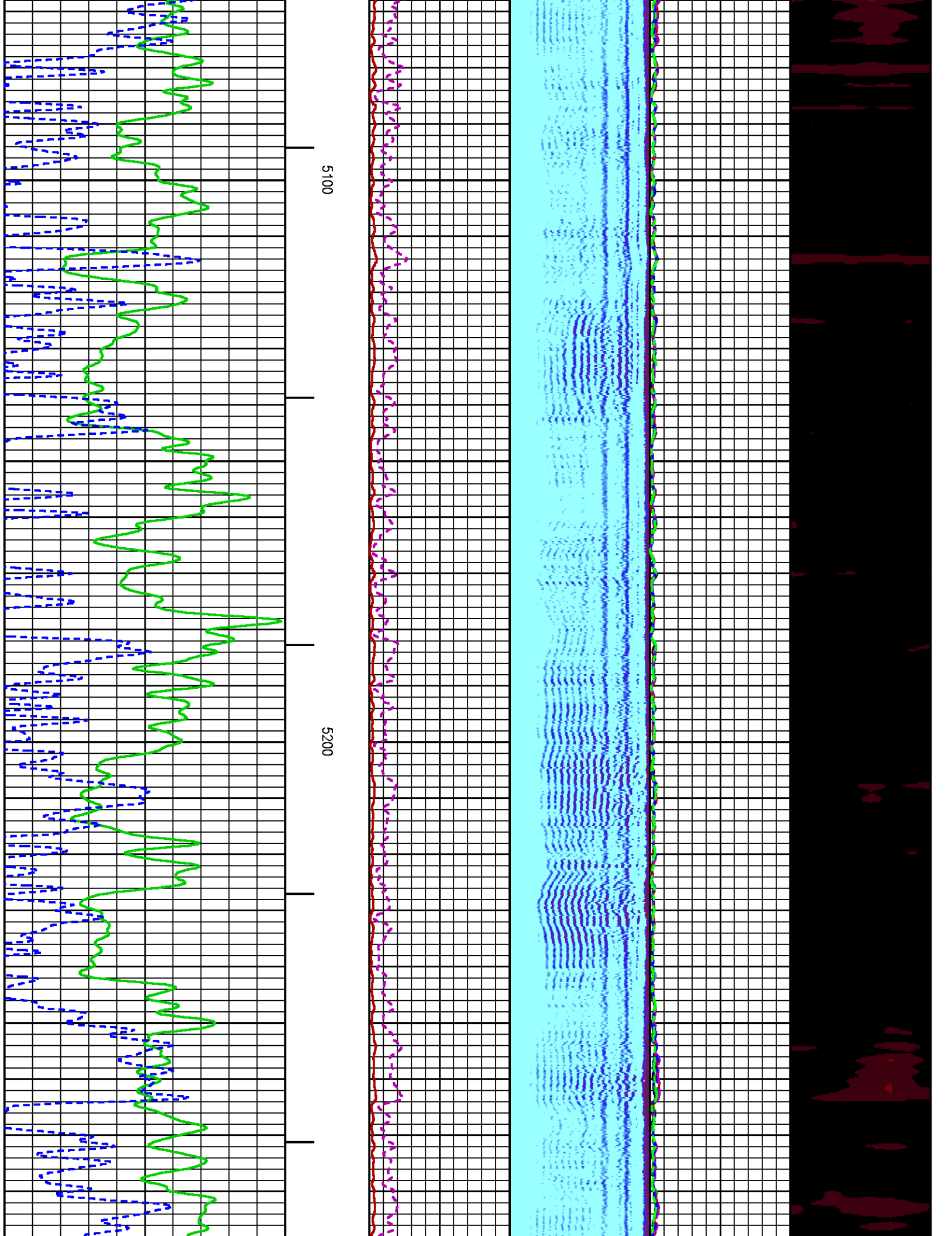




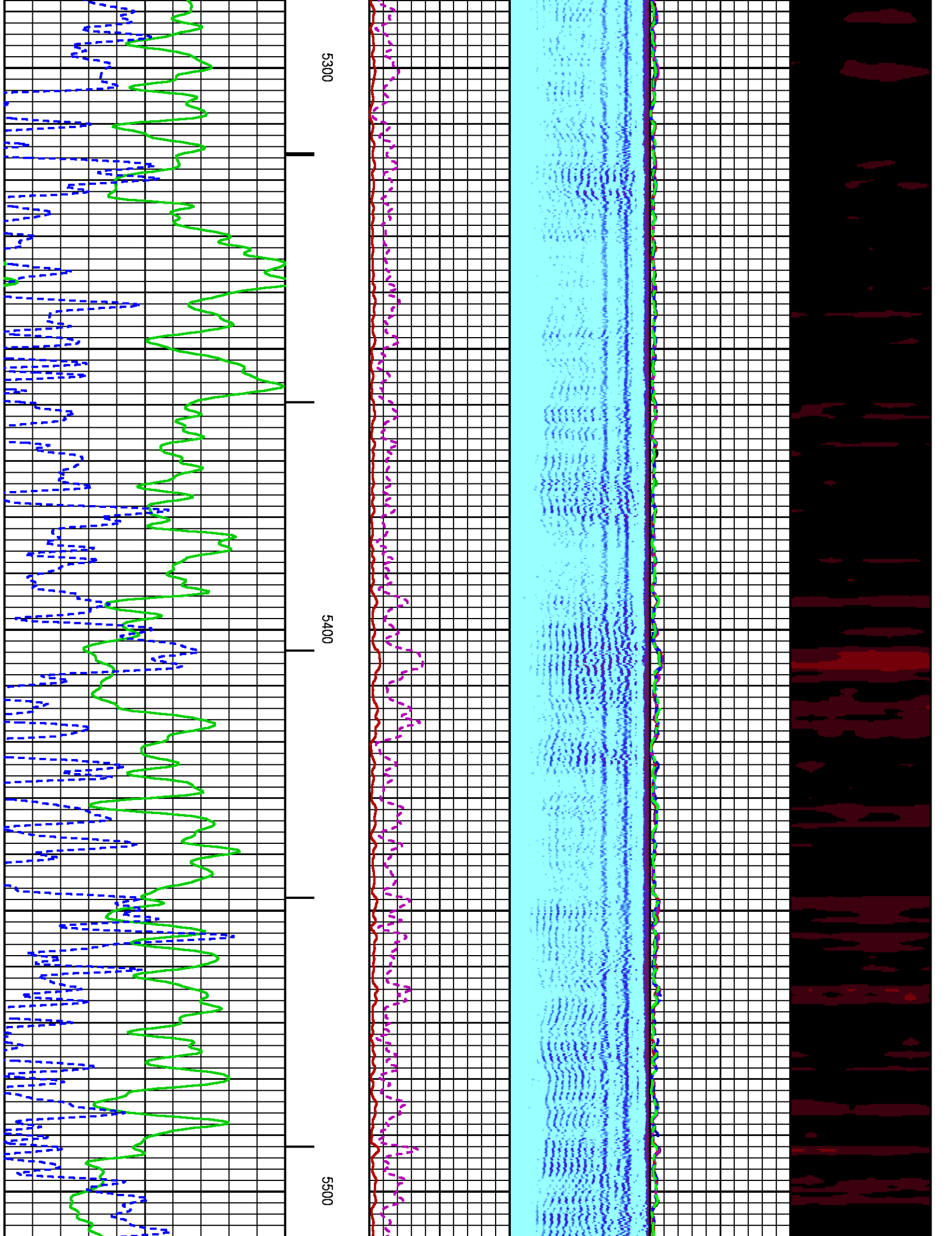


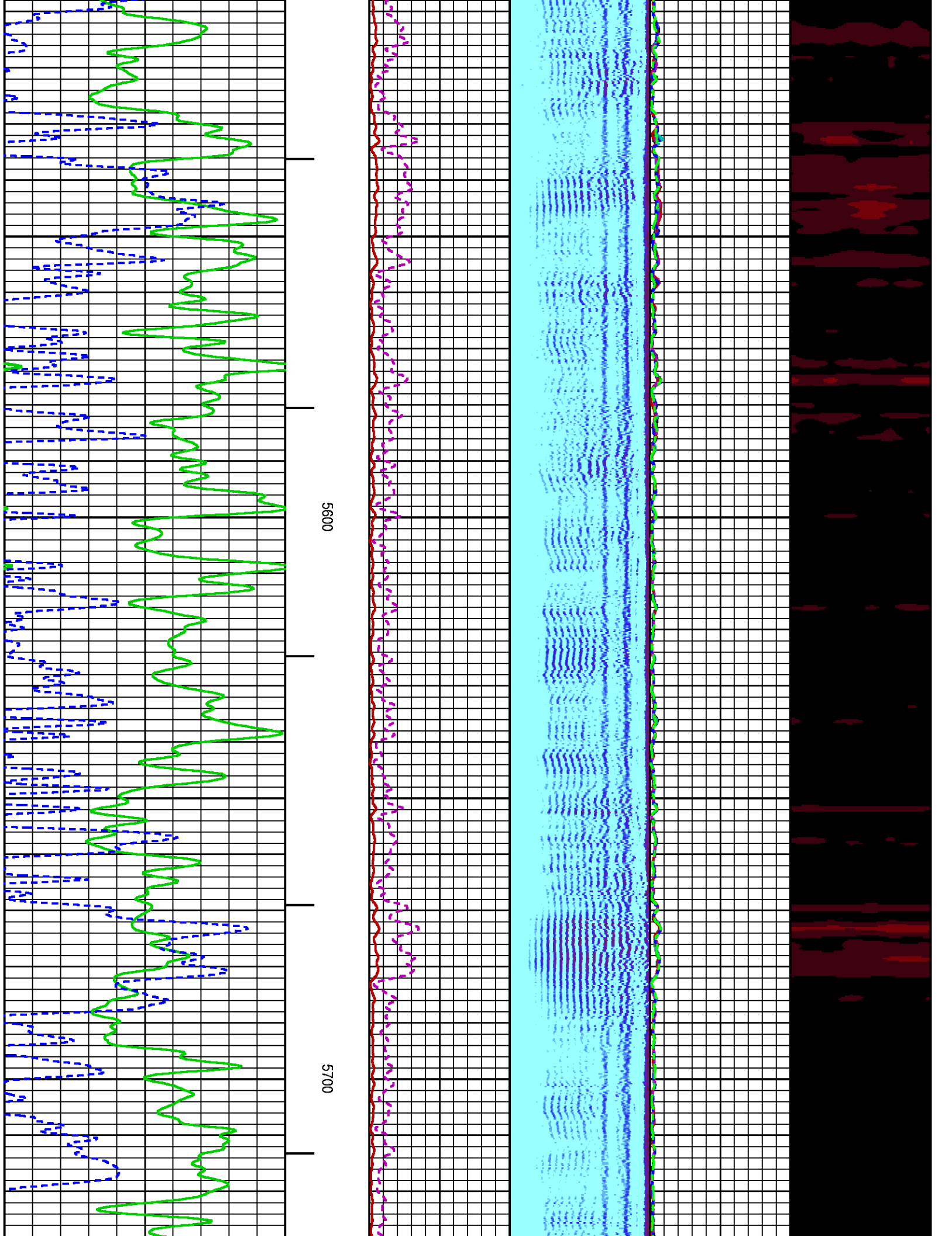


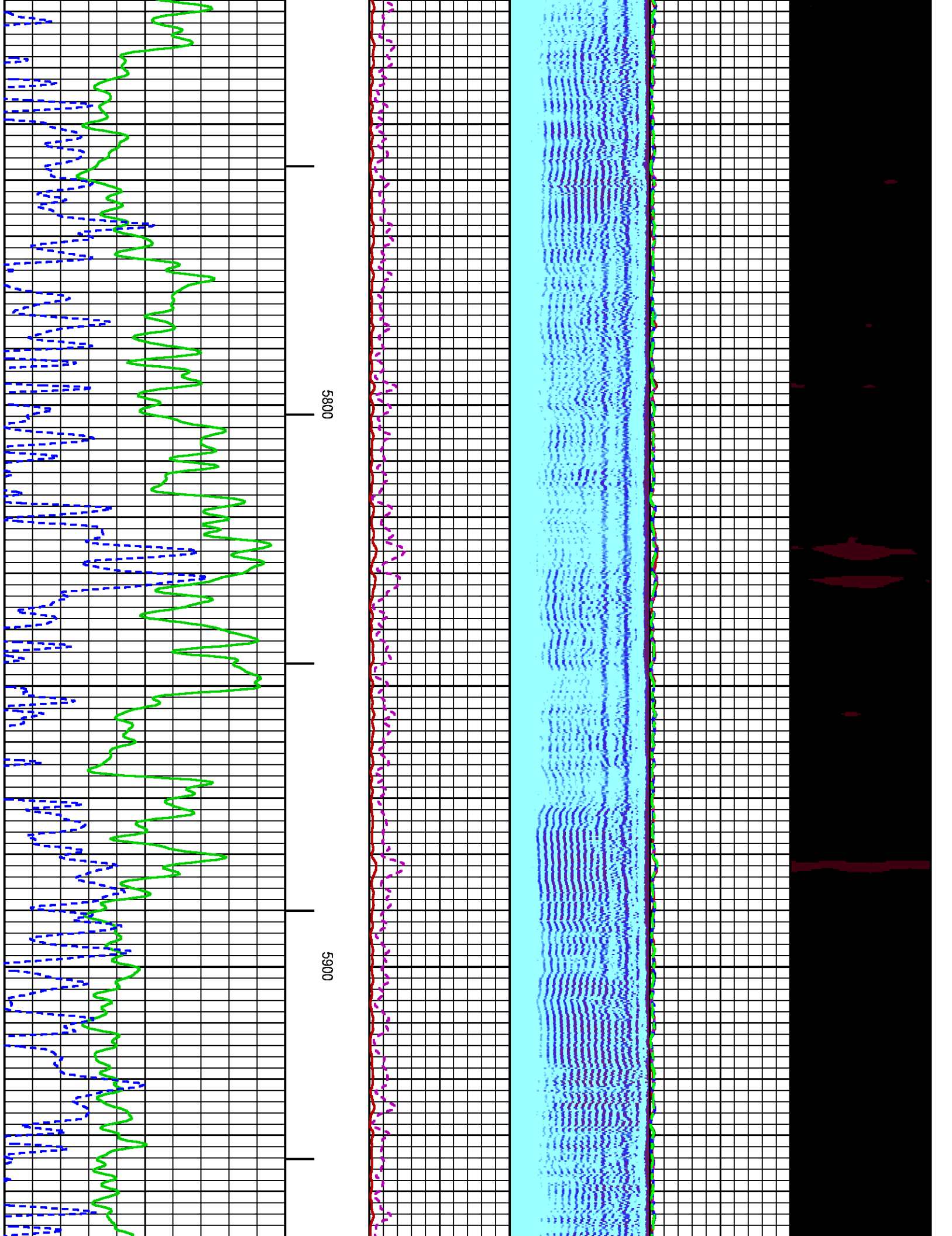


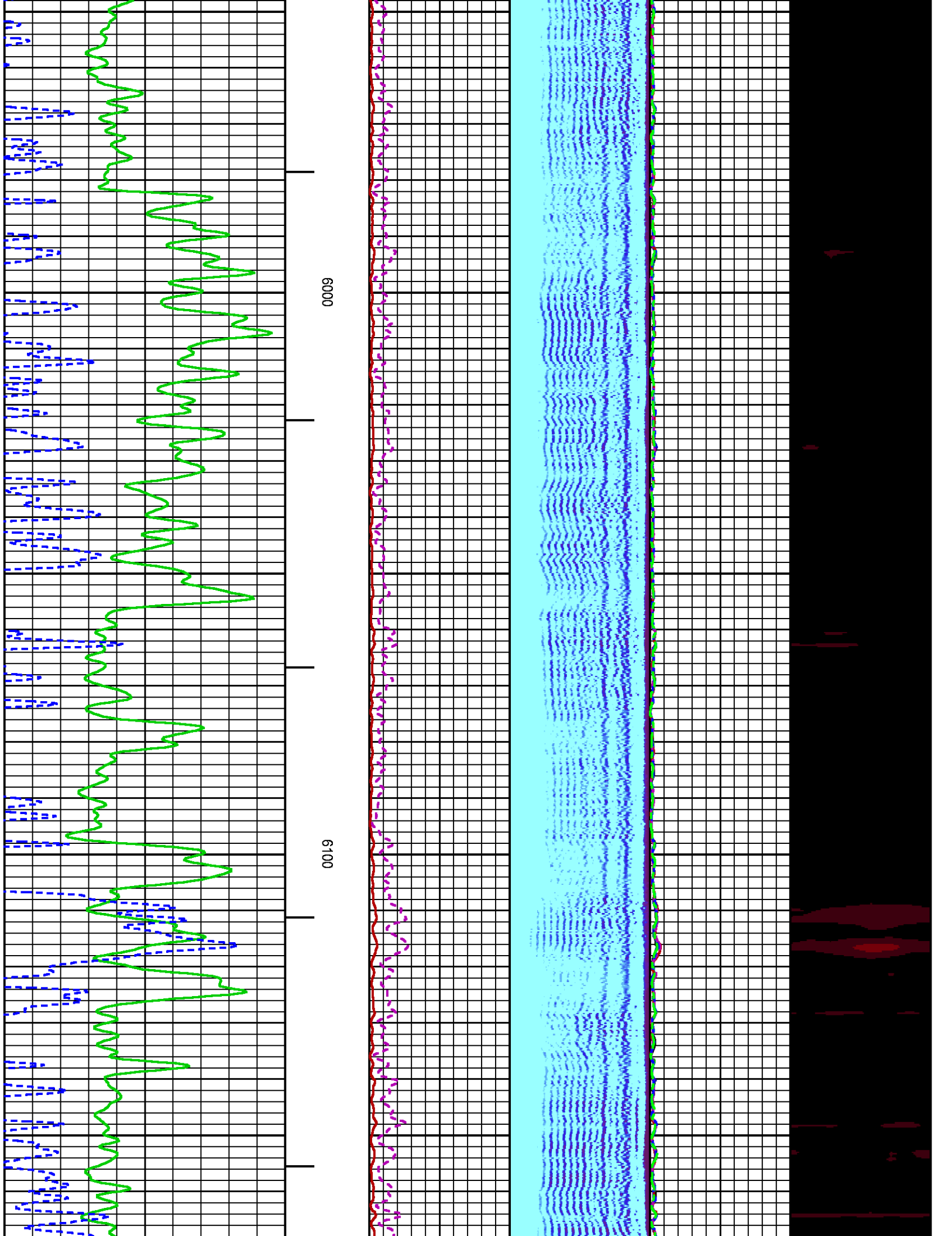




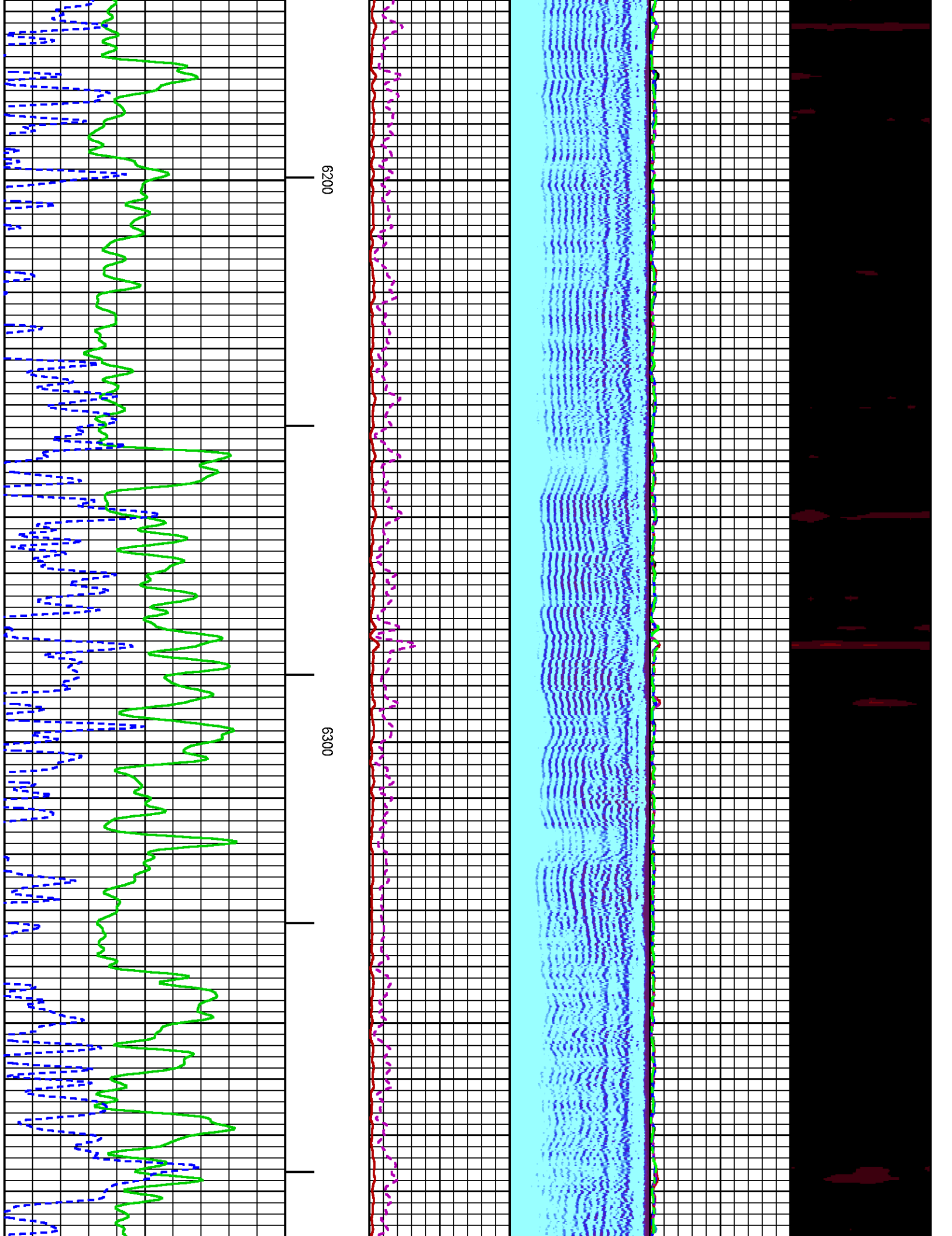


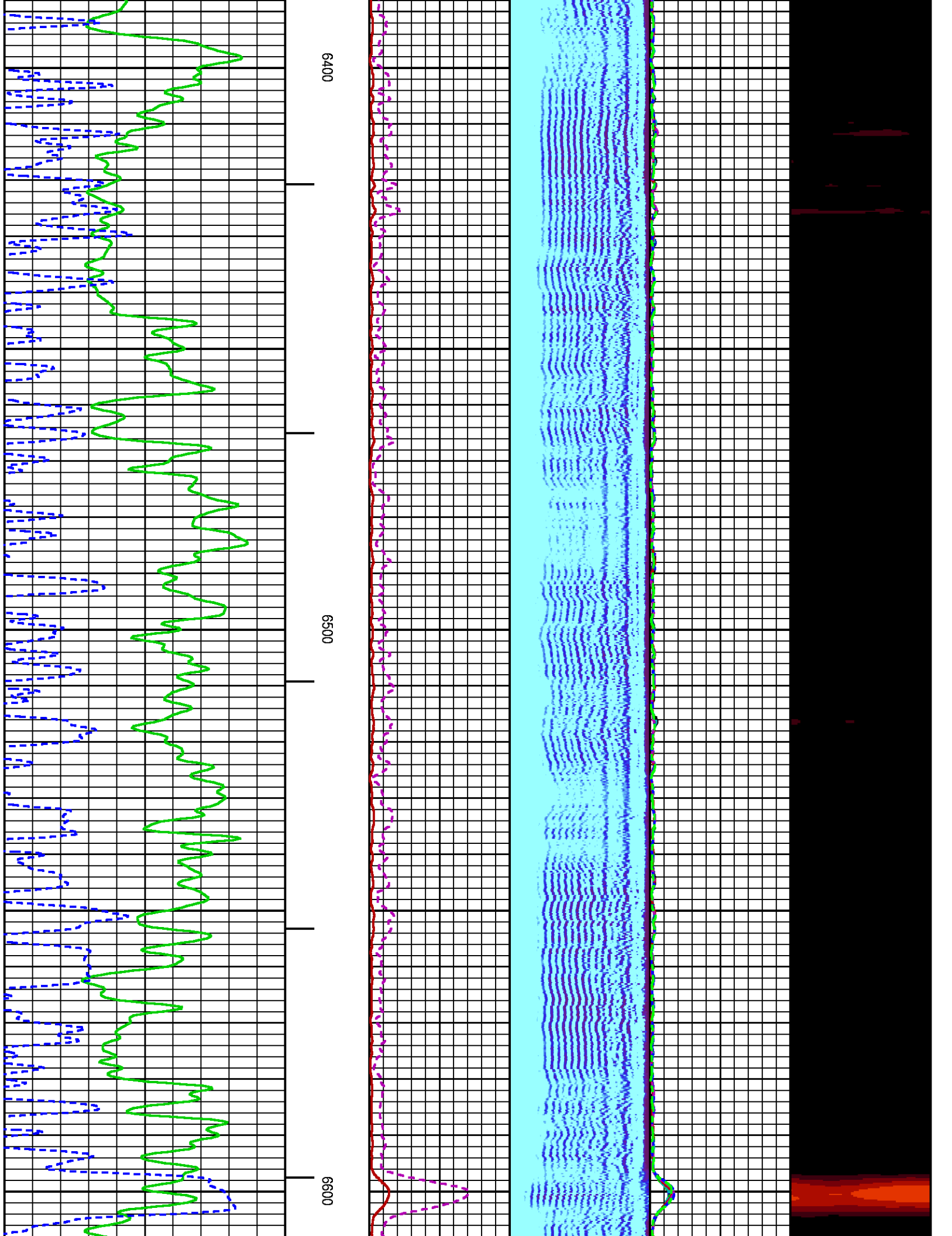


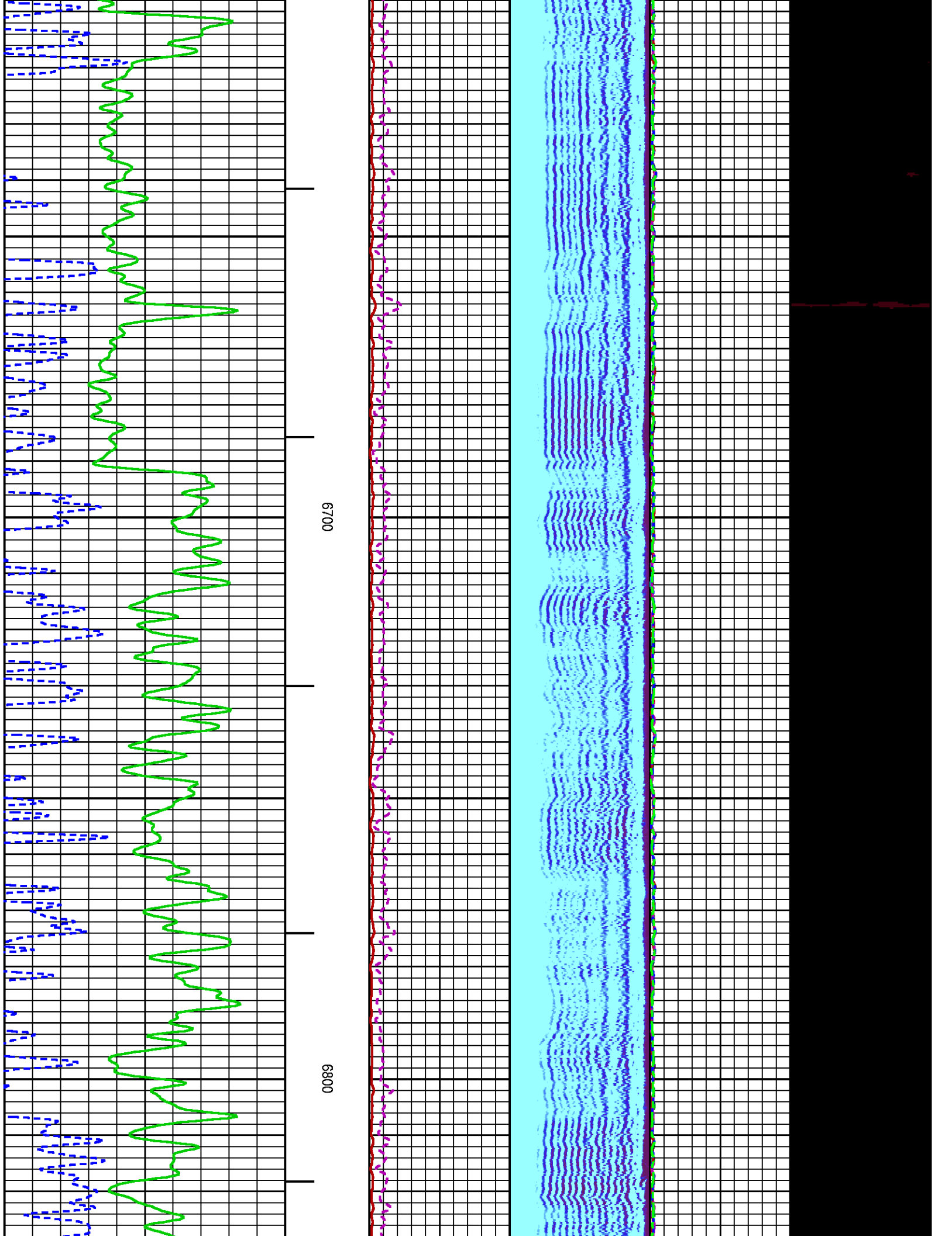


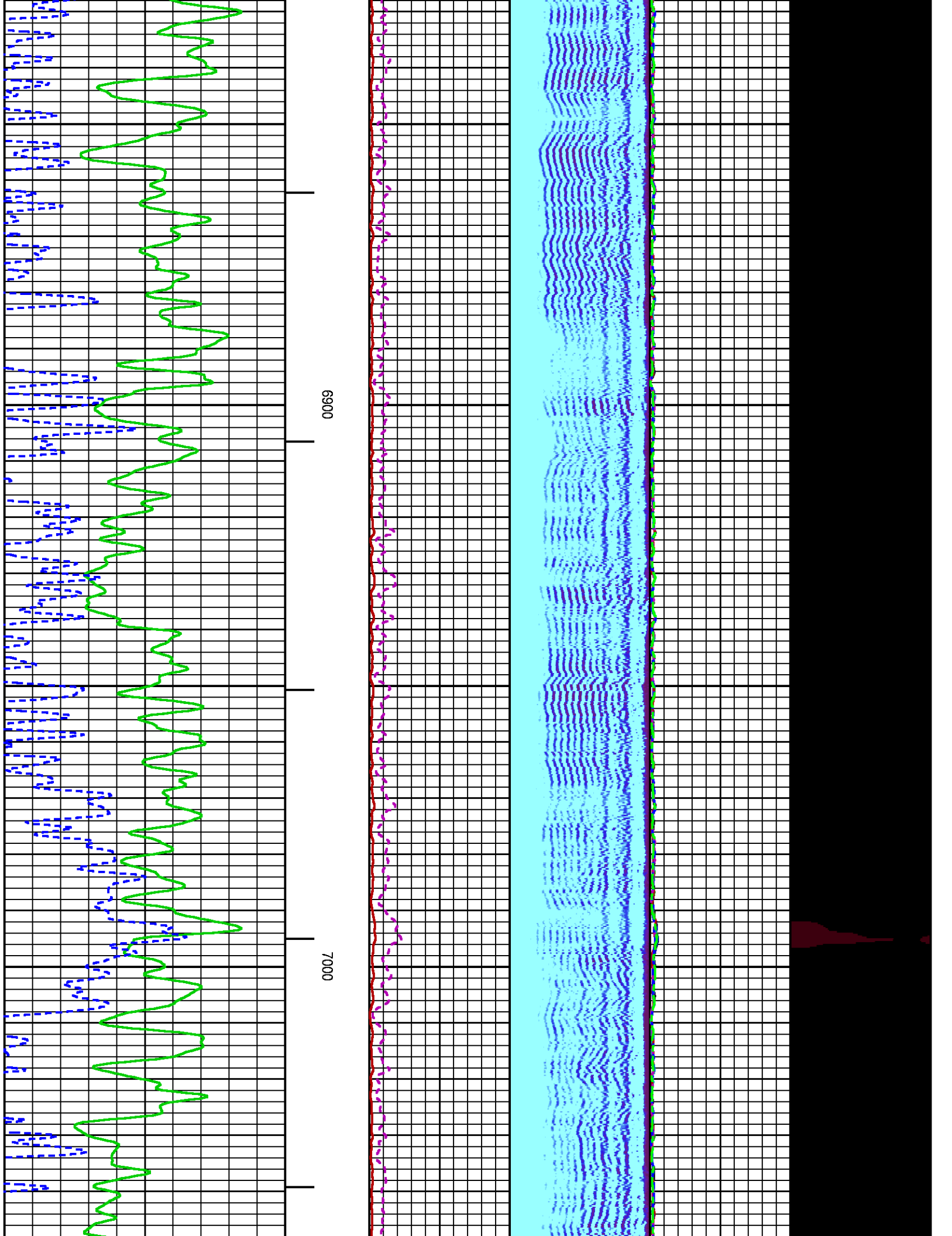




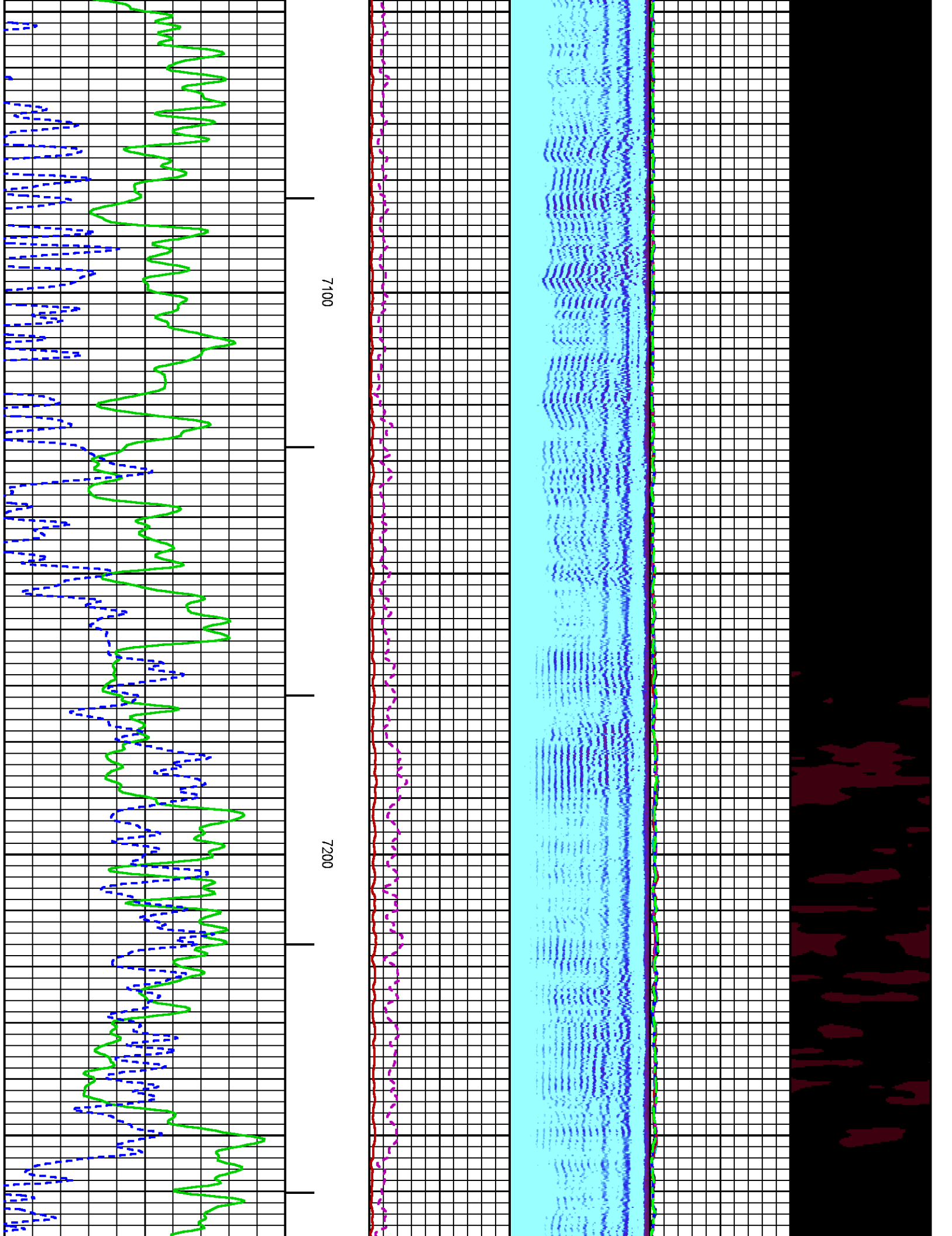


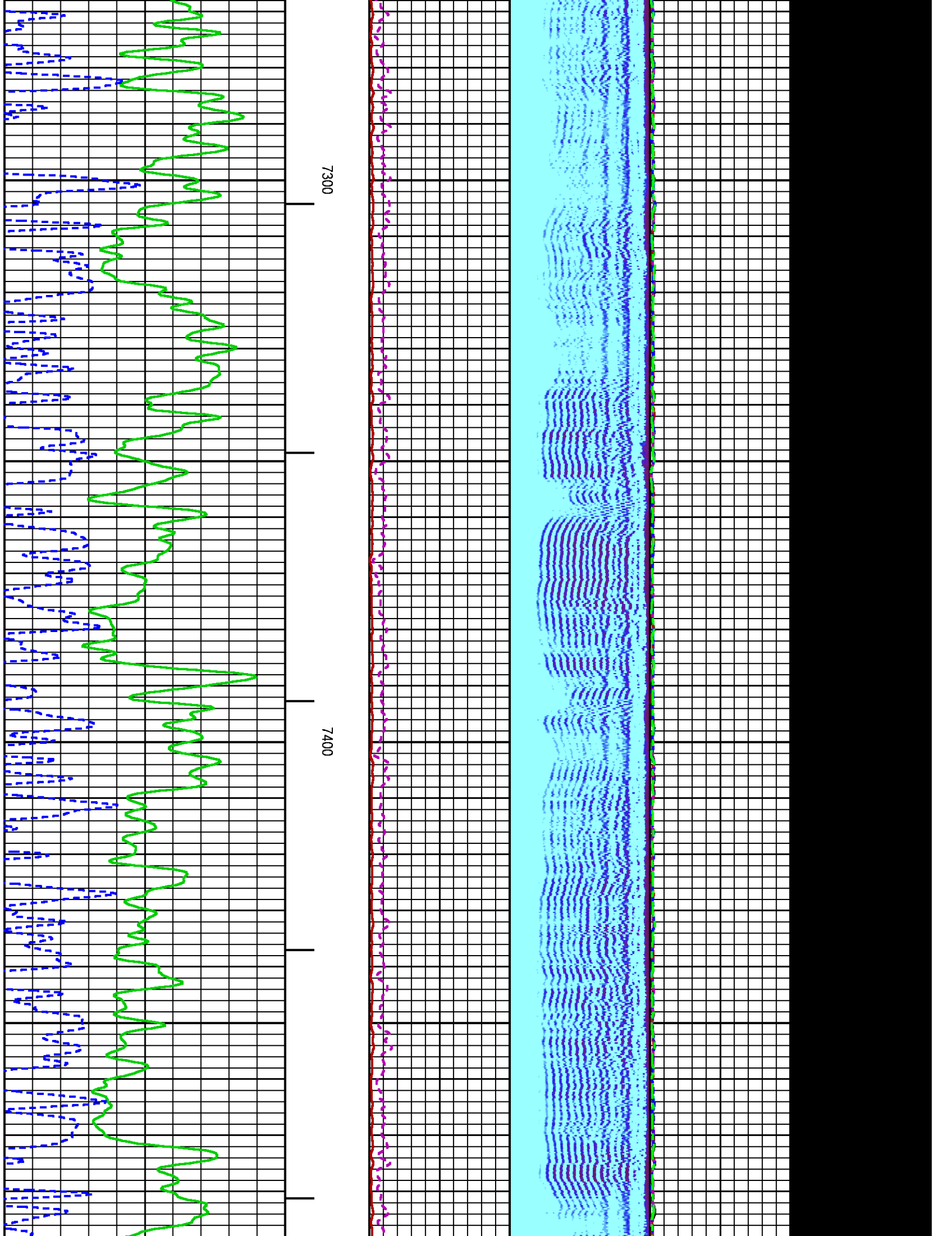


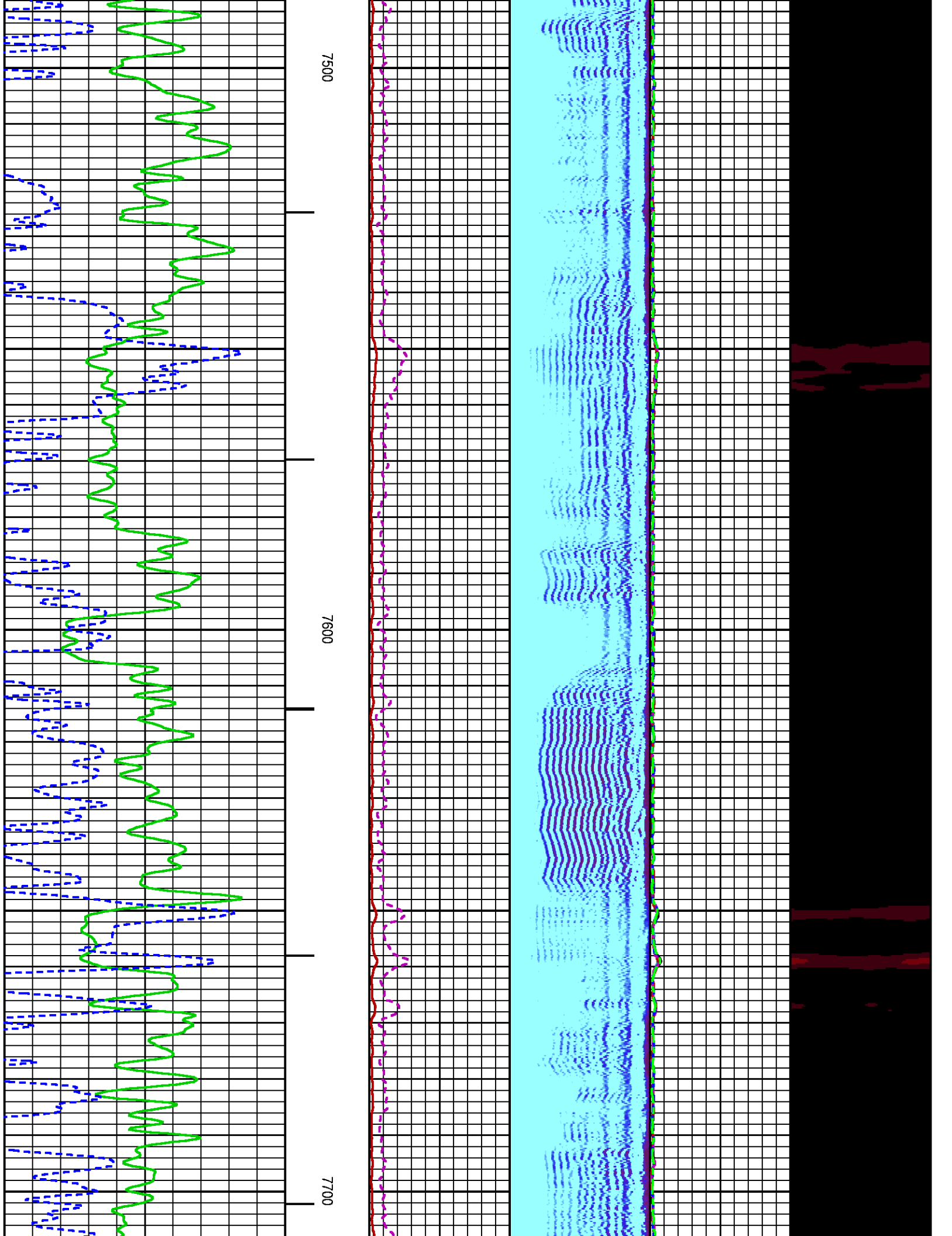


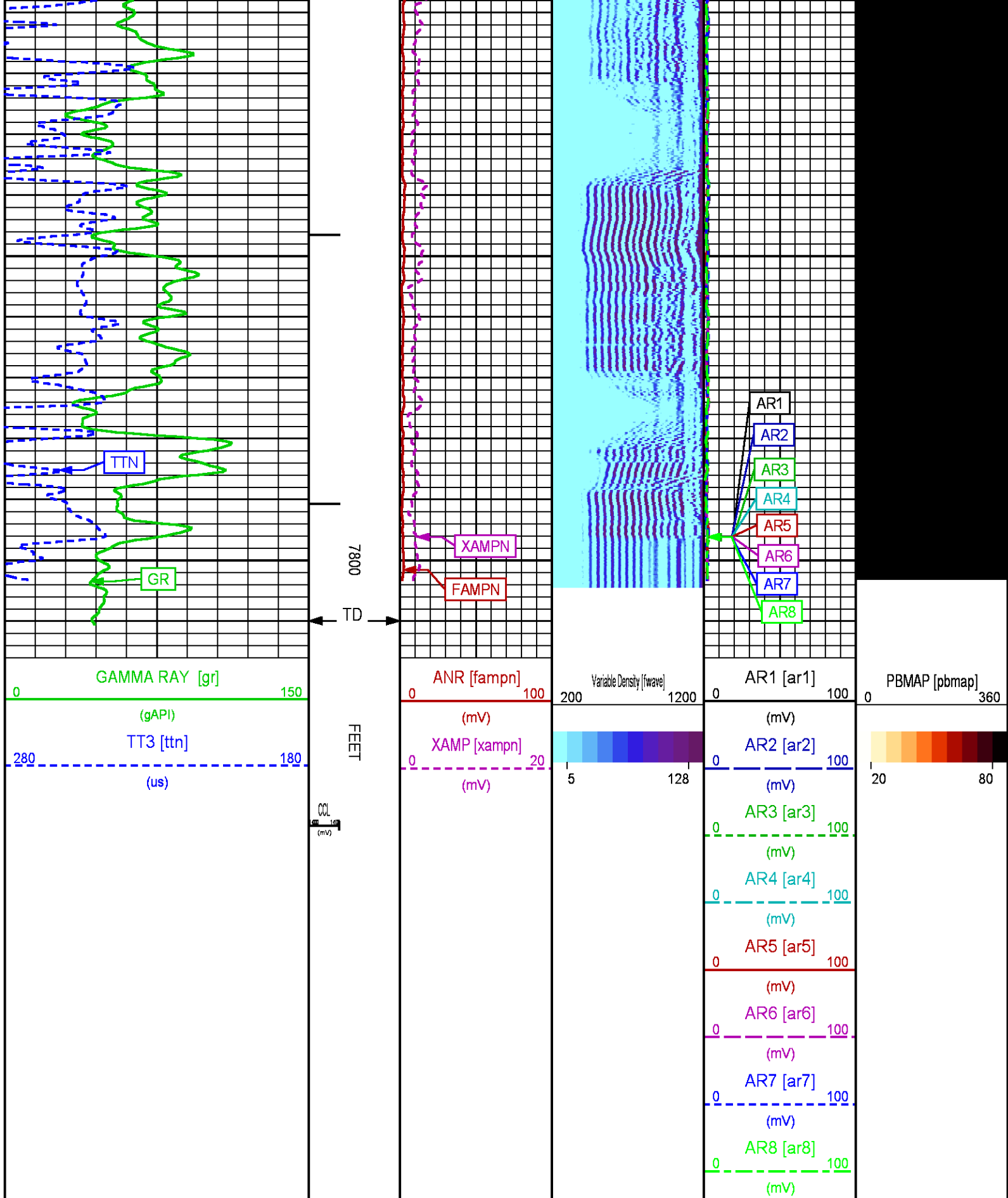














ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1 Patches: 4

Plotted: Sun Mar 1 12:13:10 2015

## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH094695/n012e01.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 7489.000 ft BOTTOM DEPTH: 7825.239 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*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	176	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*)	-66	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	Mar 1 08:33:27 2015	CASING COLLAR LOCATOR
F1:FAMPN	Mar 1 08:33:27 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Mar 1 08:33:27 2015	FAR WAVE FORM
F1:GR	Mar 1 08:33:27 2015	GAMMA RAY
F1:TTN	Mar 1 08:33:27 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Mar 1 08:33:27 2015	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/CH094695/42CBL\_REPEAT.fvpdf [5"/100' Scale]  
 Plot Interval : 7500 - 7805 Feet

Data File 1 : F1 : HL6670:/dat1a/CH094695/42CBL\_REPEAT.xtf  
 Created On : Mar 1 08:33:27 2015  
 Company : WPX ENERGY  
 Well : WPX ENERGY GM 42-28  
 Field : GRAND VALLEY  
 File Interval : 7477.75 - 7828.25 Feet  
 OCT : n012e

GAMMA RAY [gr]

0 150

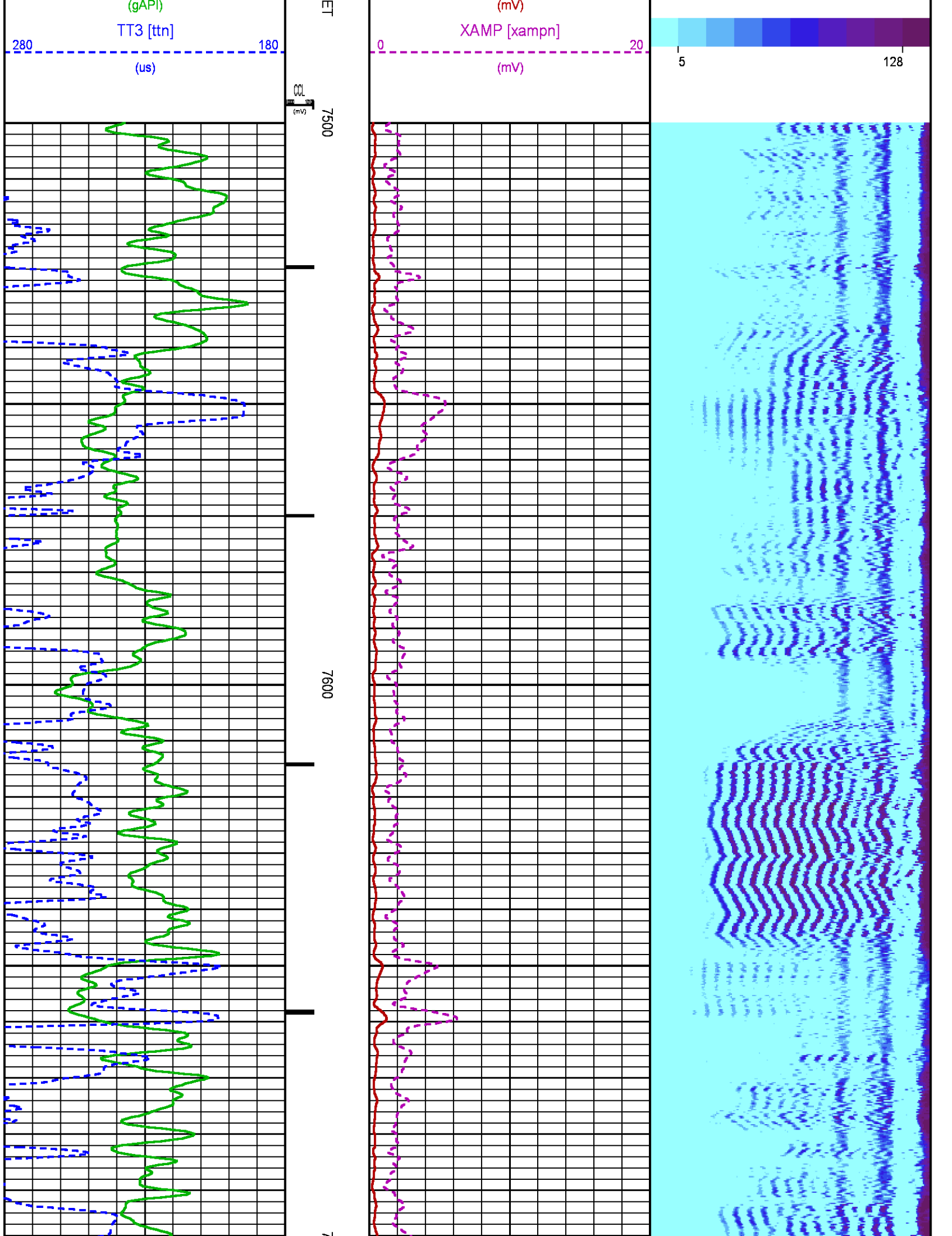
FE

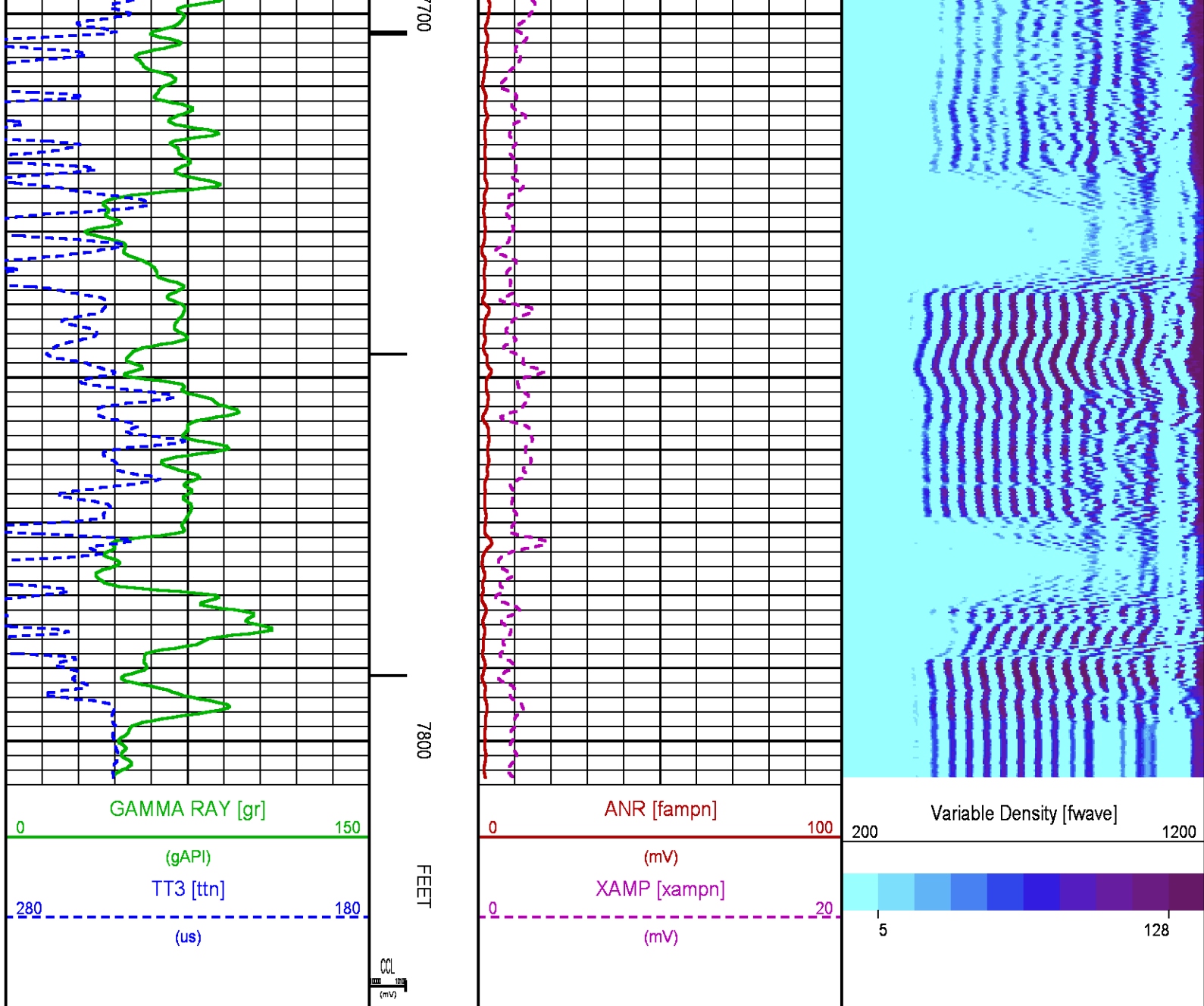
ANR [fampn]

0 100

Variable Density [fwave]

200 1200





## CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH094695/n012e.tp1

### RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10154957

DATE/TIME PERFORMED: Fri Feb 27 09:56:11 2015

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)	-0.18	-0.41	-0.30	-0.40	-0.40	-0.19	-0.69	-0.49	-0.11	1.75	0.00
AMP FLUID (mV)	75	75	74	74	74	75	76	76	75	100	74

TT (us)	218	218	216	216	216	216	216	216	218	326	218
M FACTOR	1.33	1.33	1.35	1.34	1.34	1.33	1.31	1.32	1.34	1.53	1.35

### RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10154957      DATE/TIME PERFORMED: Sun Mar 1 08:00:45 2015      DAYS SINCE CAL: 1

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	-1.57	-2.15	-2.15	-1.98	-2.15	-2.03	-1.98	-2.07	-1.93	-2.75	-0.03
AMP AIR	1.66	2.06	1.97	1.61	1.93	1.90	1.61	2.02	1.85	3.09	99.42

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
1.35	0.00	1.01

### GR PRIMARY CALIBRATION SUMMARY

TOOL #: 2459XA 10218503      DATE/TIME PERFORMED: Sat Feb 7 08:04:38 2015

UNIT #: 3880TA HL6670      CALB JIG #: 4702NK DA-041

	BACKGROUND (cts)	CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	97.87	365.24	267.4	0.692	67.72	252.72	185

### GR PRIMARY VERIFICATION SUMMARY

TOOL #: 2459XA 10218503      DATE/TIME PERFORMED: Sat Feb 7 08:06:38 2015

UNIT #: 3880TA HL6670      VERI JIG #: 4702NK DA-041

	BACKGROUND (cts)	CALBRTR ON (cts)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	97.69	370.71	0.692	67.59	256.50	188.91
						175.00    195.00

## INSTRUMENT CONFIGURATION

Source File: /dat1a/CH094695/CBL-tdg

CABLEHEAD  
 Diameter : 2.75"  
 Length : 2.25'  
 Weight : 10 lbs  
 Series : CABL234  
 Mnemonic : CBLH



23.02'



**RADIAL BOND TOOL**

Diameter : 2.75"  
Length : 11.17'  
Weight : 126 lbs  
Series : 1426XA  
Mnemonic : RAL  
Measure Point: 4.21': NEAR RCVR  
Measure Point: 3.25': FAR RCVR

NEAR RCVR — 13.81'

FAR RCVR — 12.85'

CCL — 8.65'

GR — 6.79'

NEU — 1.40'

0.00'

**RAL NEUTRON/GR/CCL/CHV DETECTOR**

Diameter : 2.75"  
Length : 9.42'  
Weight : 106 lbs  
Series : 2459XA  
Mnemonic : RAL  
Measure Point: 8.46': CCL  
Measure Point: 6.60': GR  
Measure Point: 1.21': NEU

**BULL PLUG 2 3/4**

TOTAL LENGTH: 23.02'  
TOTAL WEIGHT: 258 lbs  
MAX DIAMETER: 0'4.00"



**COMPANY**  
**WELL**  
**FIELD**  
**COUNTY**

**WPX ENERGY**  
**WPX ENERGY GM 42-28**  
**GRAND VALLEY**  
**GARFIELD**

**STATE** **CO**

**LOCATION:**

SHL: 1535' FSL & 2324' FWL  
BHL: 1514' FNL & 1032' FEL

**SEC** 28 **TWP** 6S **RGE** 96W

**ELEVATIONS:**

**KB** 5500 FT  
**DF**  
**GL** 5476 FT

**DATE** 01-Mar-2015

**FILE NO:**

CH094695

**API NO:**

05045225070000

**28 6S 96W**

**GM 323-28 PAD**  
**H&P 318**

