



FILE NO: CH094450	COMPANY WELL FIELD COUNTY	WPX ENERGY WPX ENERGY GM 342-28 GRAND VALLEY GARFIELD STATE CO
API NO: 05045225030000		

Ver. 3.87 28 6S 96W GM 323-28 PAD H&P 318	LOCATION: SHL: 1525' FSL & 2335' FWL BHL: 1799' FNL & 714' FEL SEC 28 TWP 6S RGE 96W	OTHER SERVICES RPM
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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
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DATE	27-Feb-2015	
RUN	TRIP	1
SERVICE ORDER	US094450	
DEPTH DRILLER	7838 FT	
DEPTH LOGGER	7795 FT	
BOTTOM LOGGED INTERVAL	7785 FT	
TOP LOGGED INTERVAL	24 FT	
TIME STARTED	9:00	
TIME FINISHED	13:00	
OPERATOR RIG TIME	4 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 F/MIN	
MAX. RECORDED TEMP.	232 DEGF	
REFERENCE LOG	NA	
REFERENCE LOG DATE	NA	
EQUIP. NO.	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	1576 FT
8.75 IN	1576 FT	7953 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			24 FT	1576 FT
4.5 IN	11.6 LB/F	I-80	24 FT	7953 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 1 foot.

Logged with zero PSI at wellhead.

BHT = 232 degF  
SJ = 4581' - 4602'

### EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CCL	1122X1	1215 1057	CEMENT

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: Fri Feb 27 14:33:11 2015

### PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH094450/n012e02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 31.500 ft BOTTOM DEPTH: 7807.289 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*)	177	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*)	-67	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	Feb 27 10:48:12 2015	CASING COLLAR LOCATOR
F1:FAMPN	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Feb 27 10:48:12 2015	FAR WAVE FORM
F1:GR	Feb 27 10:48:12 2015	GAMMA RAY
F1:TTN	Feb 27 10:48:12 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

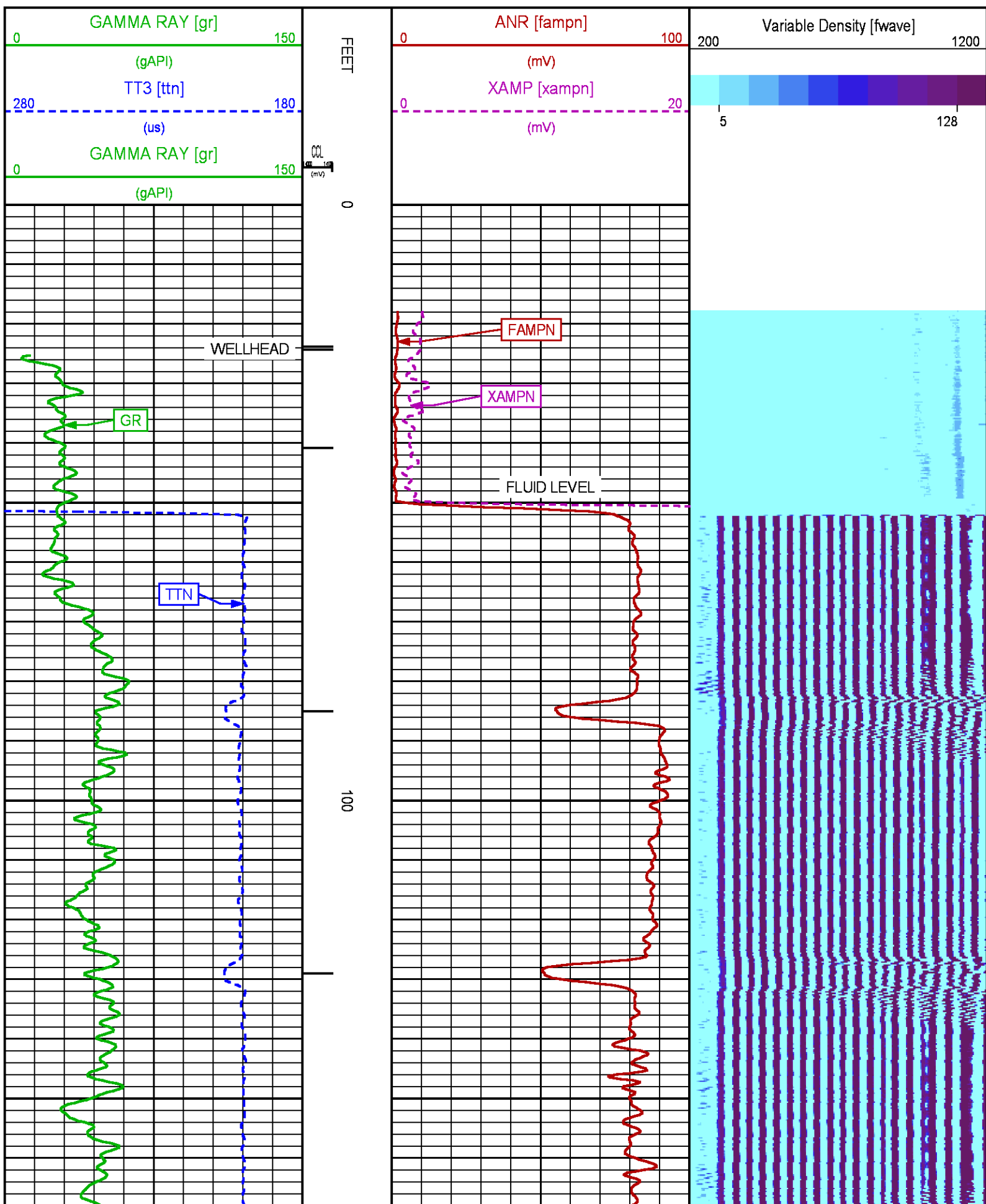
### CURVE MEASURE POINT OFFSET

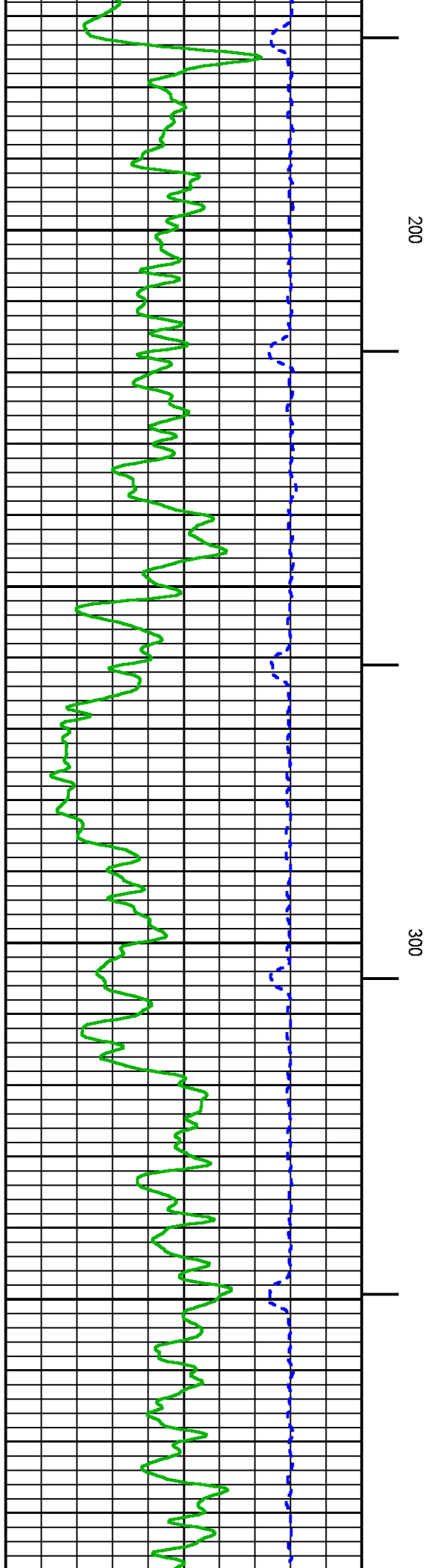
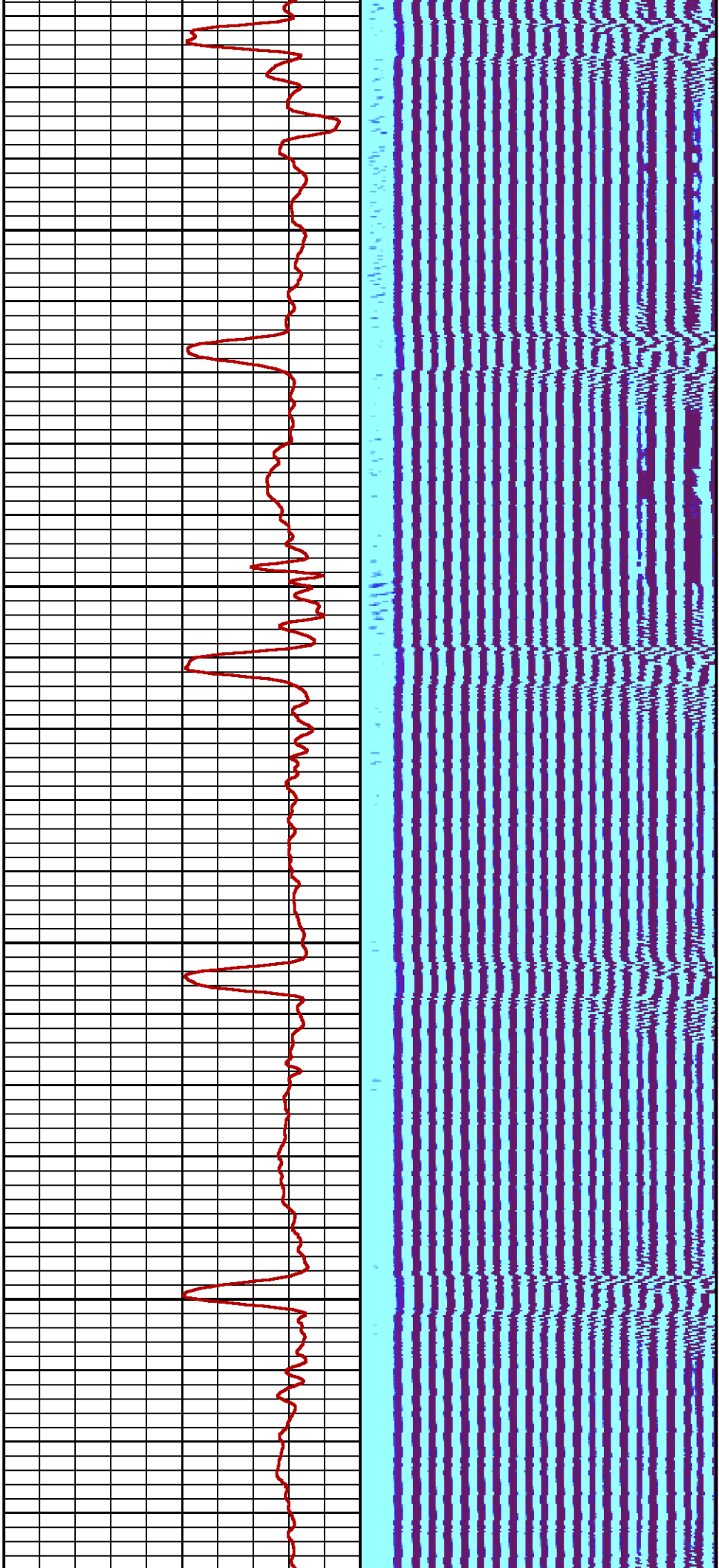
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

Presentation : HL6670:/dat1a/CH094450/342CBL\_PRIMARY.fvpdf [5"/100' Scale]  
 Plot Interval : 0 - 7800 Feet

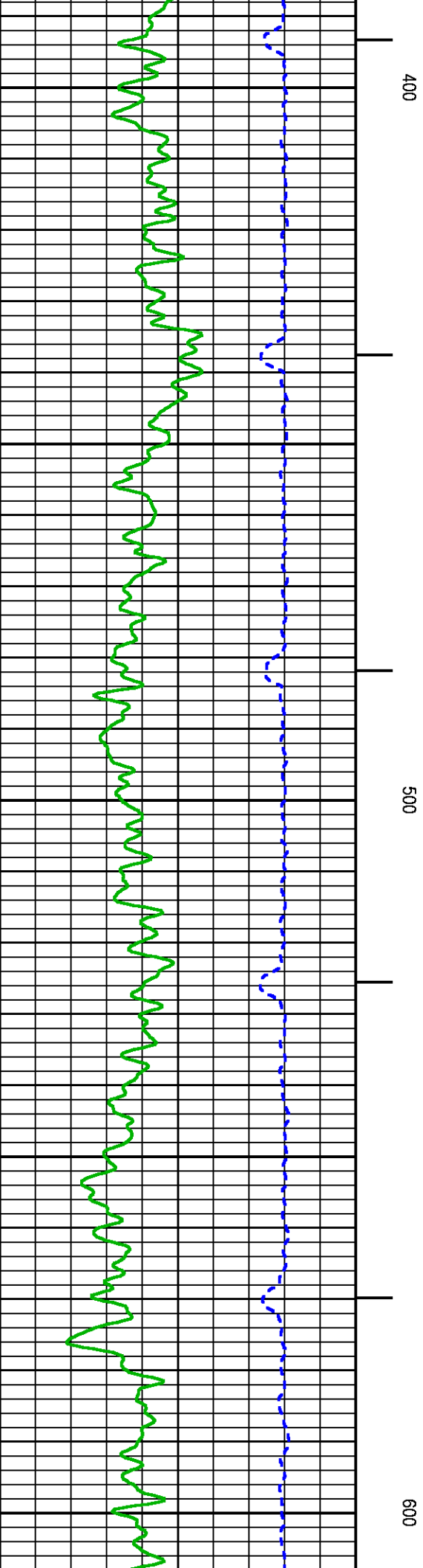
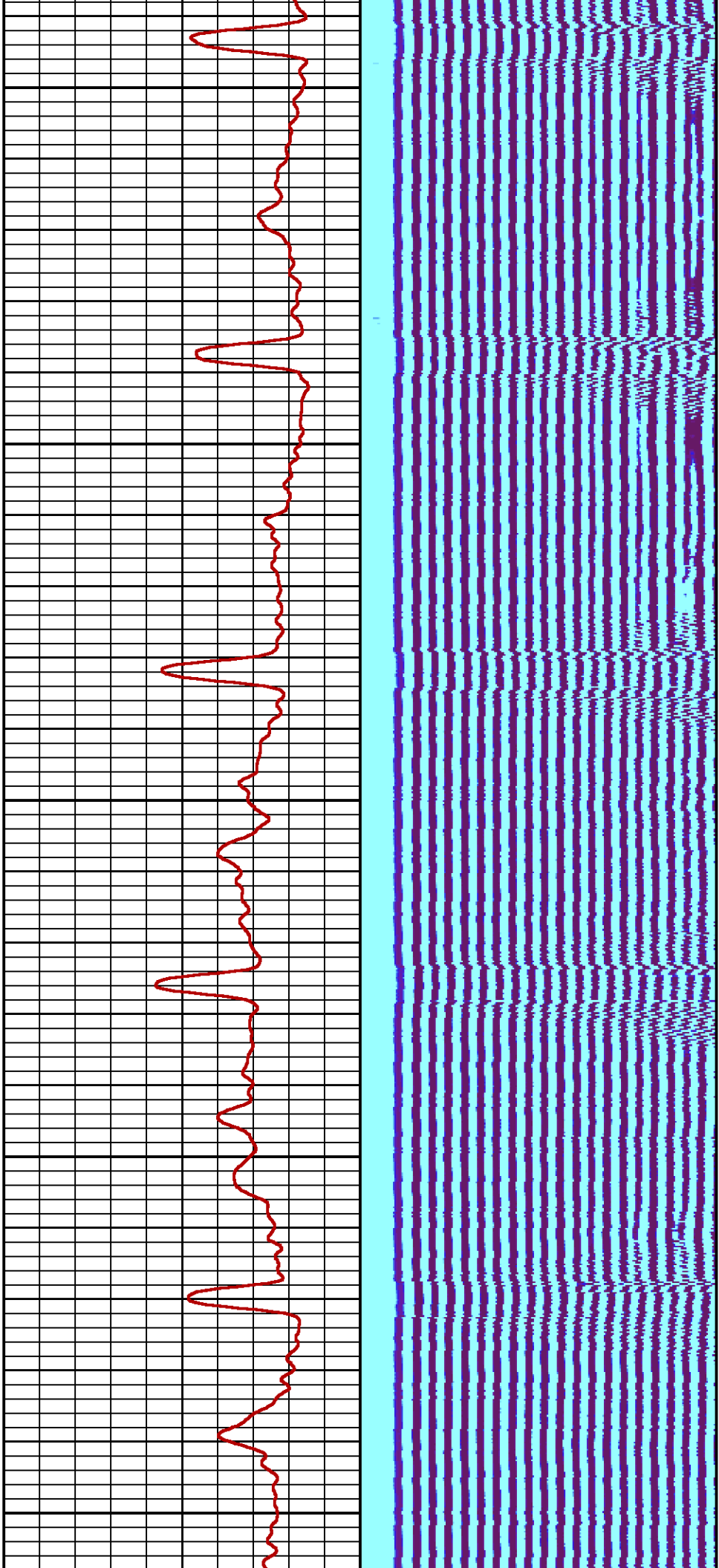
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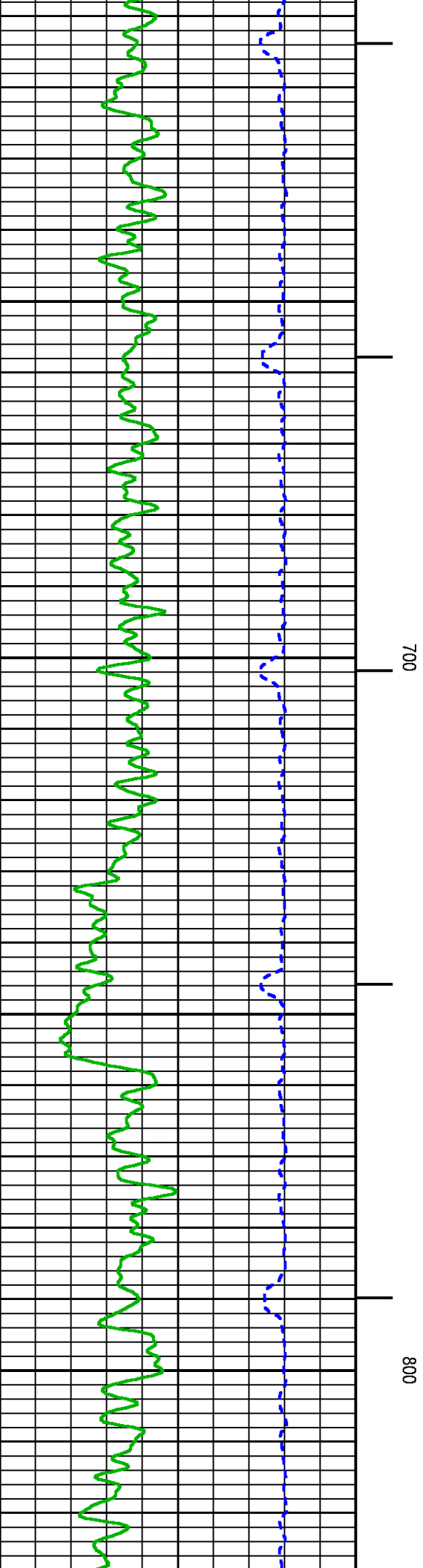
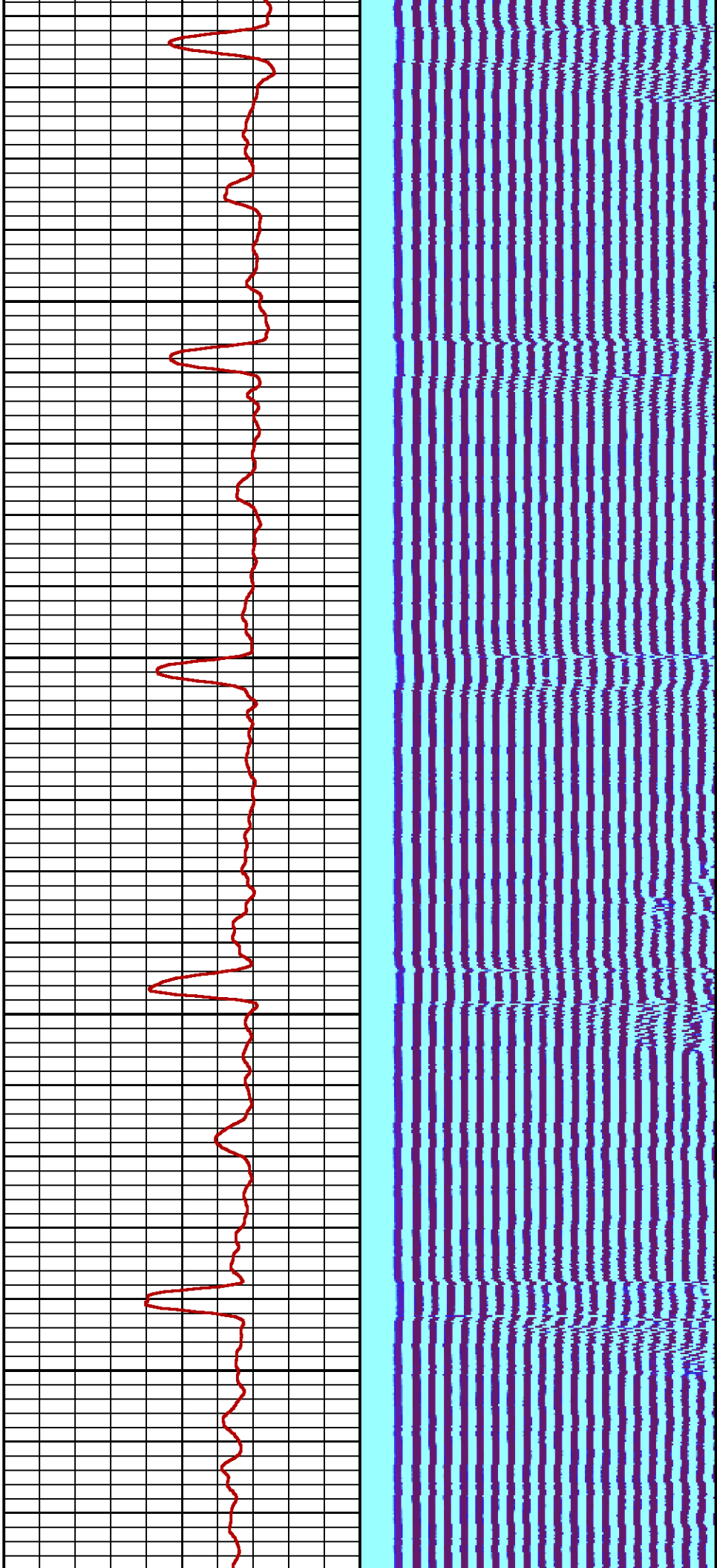
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Company : WPX ENERGY  
Well : WPX ENERGY GM 342-28  
Field : GRAND VALLEY  
File Interval : 16.75 - 7804 Feet  
OCT : n012e

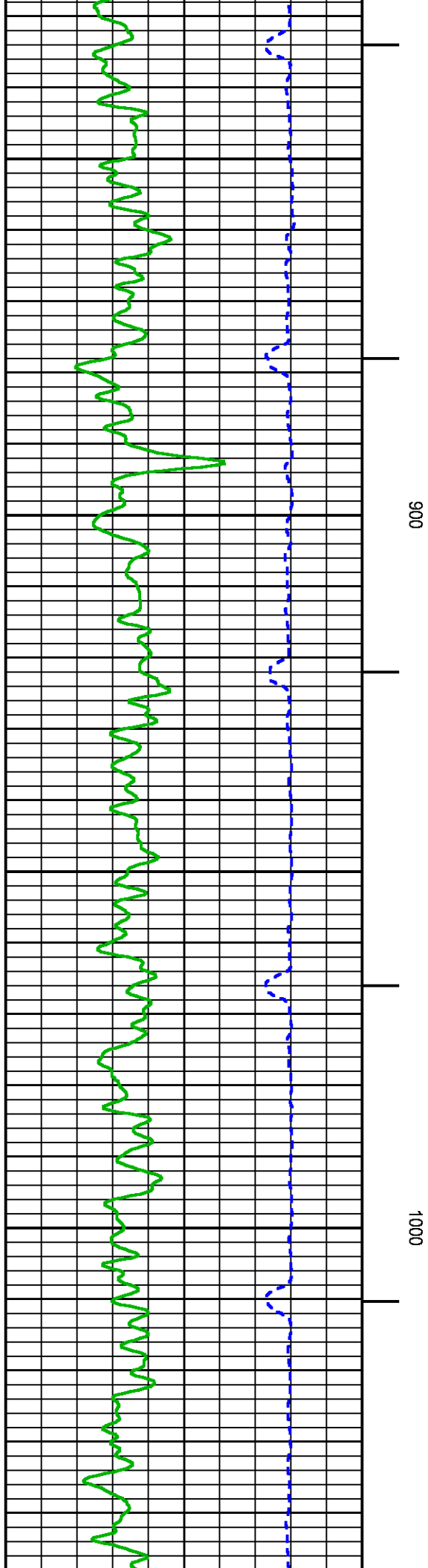
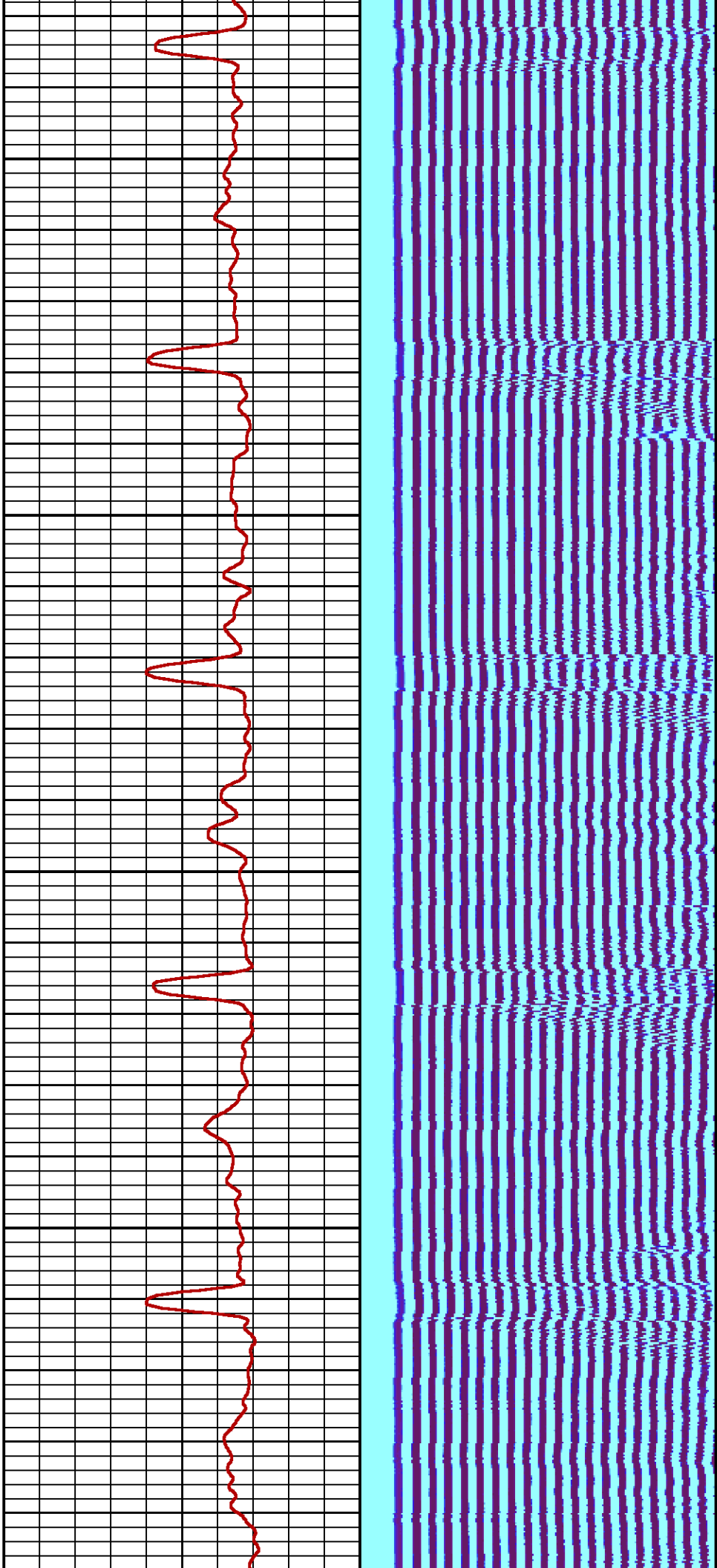


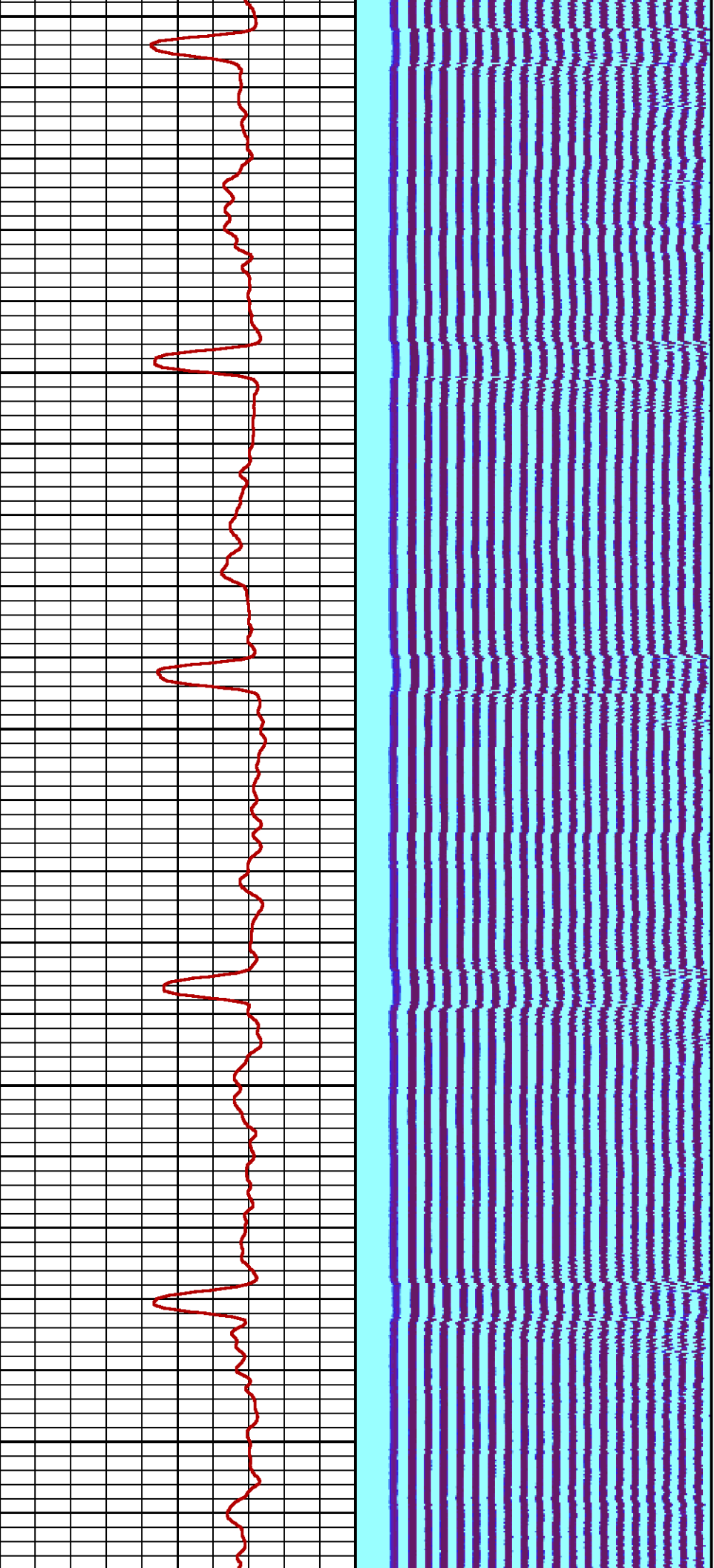






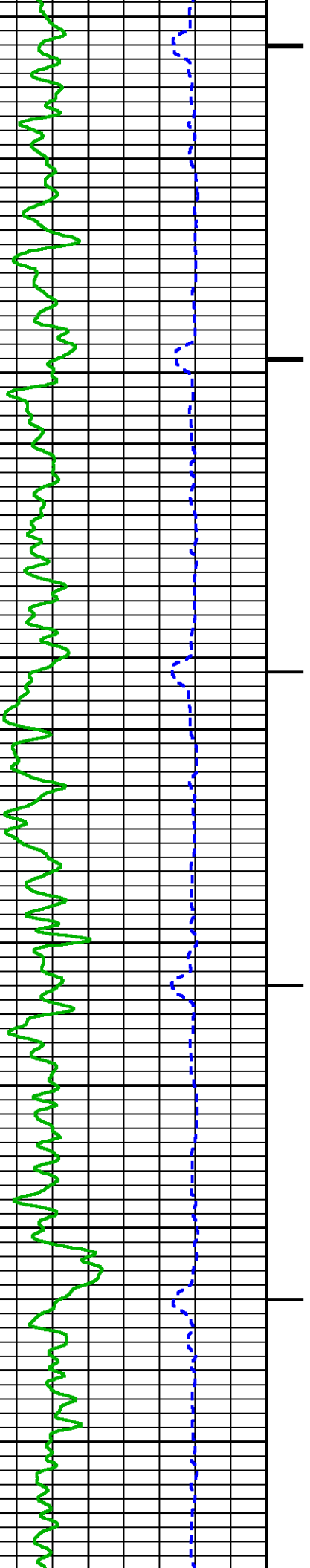


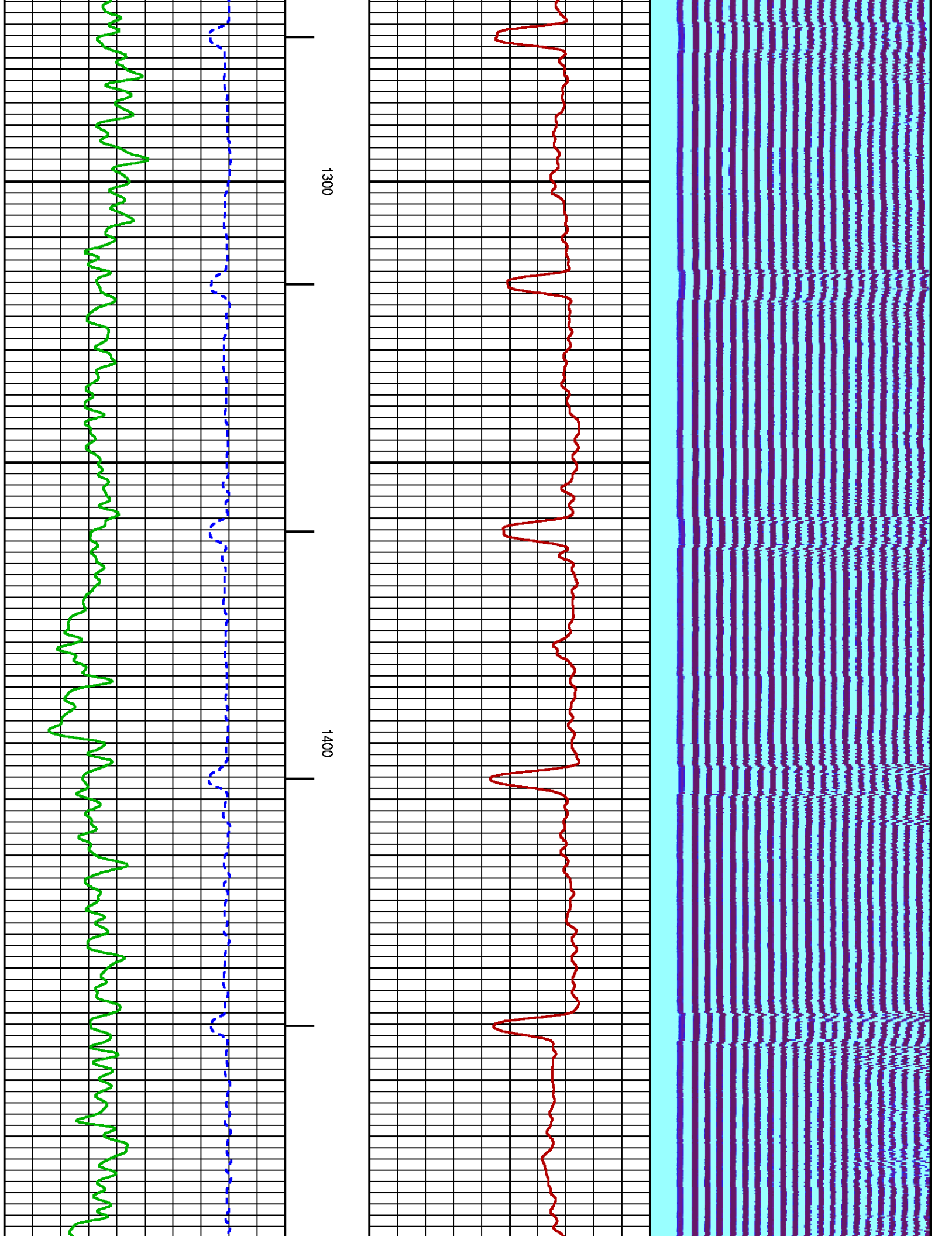




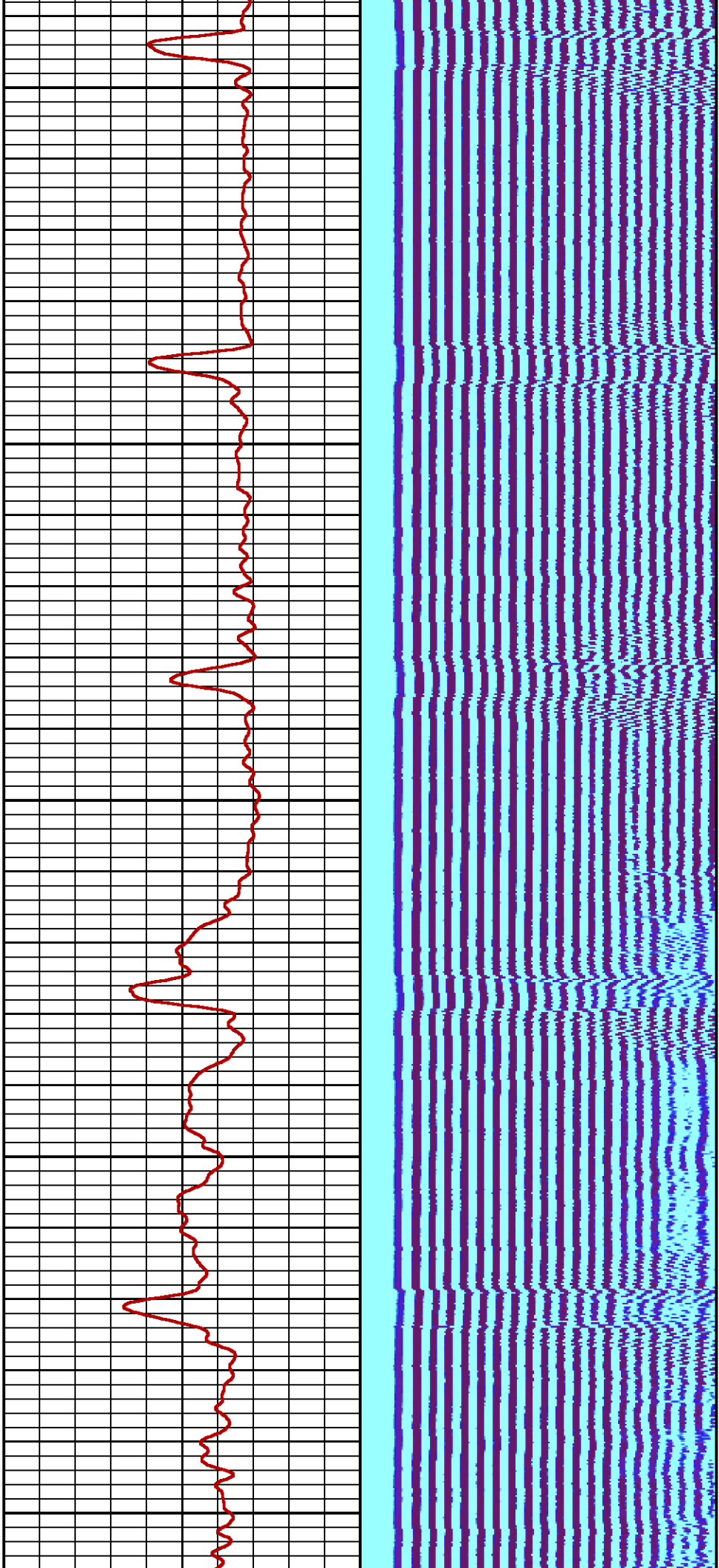
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1200





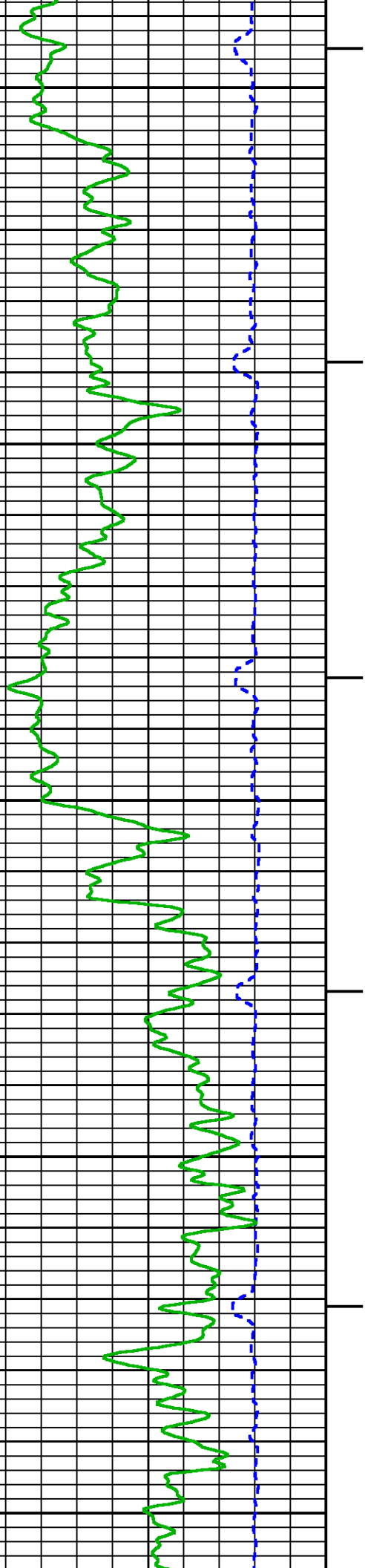


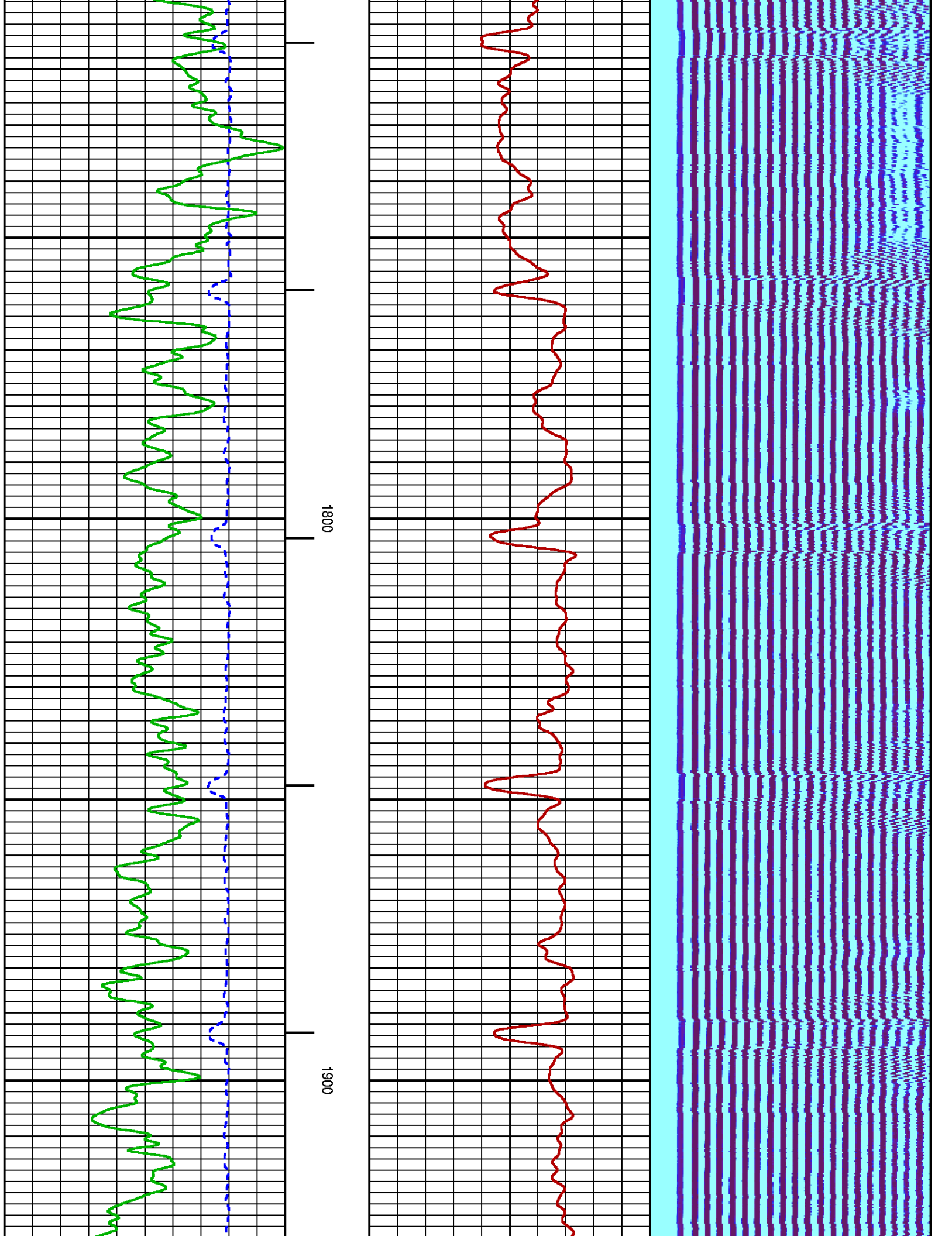


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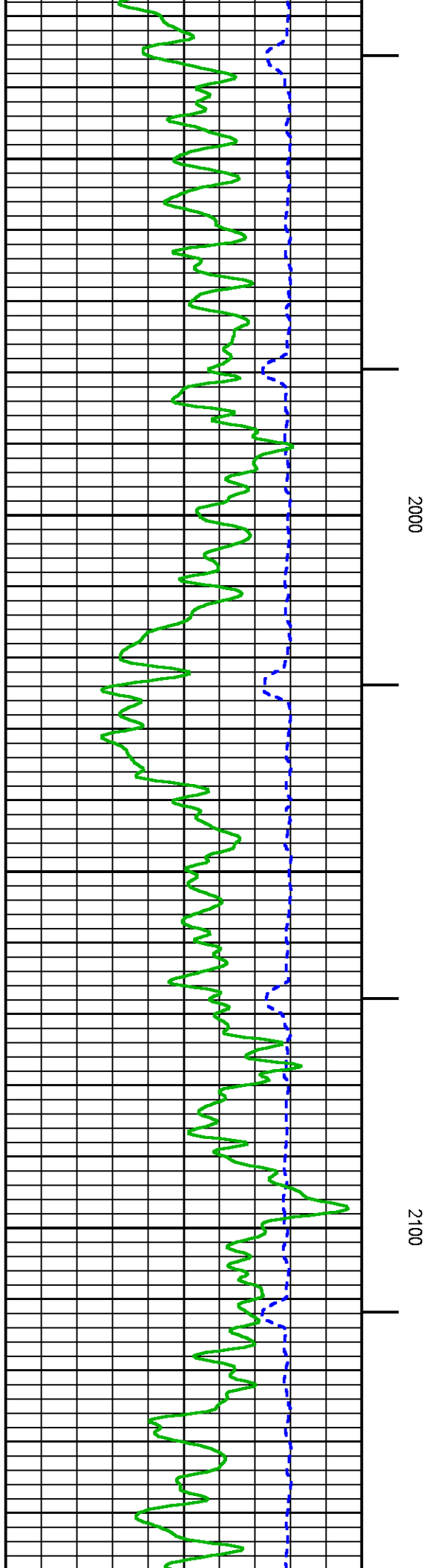
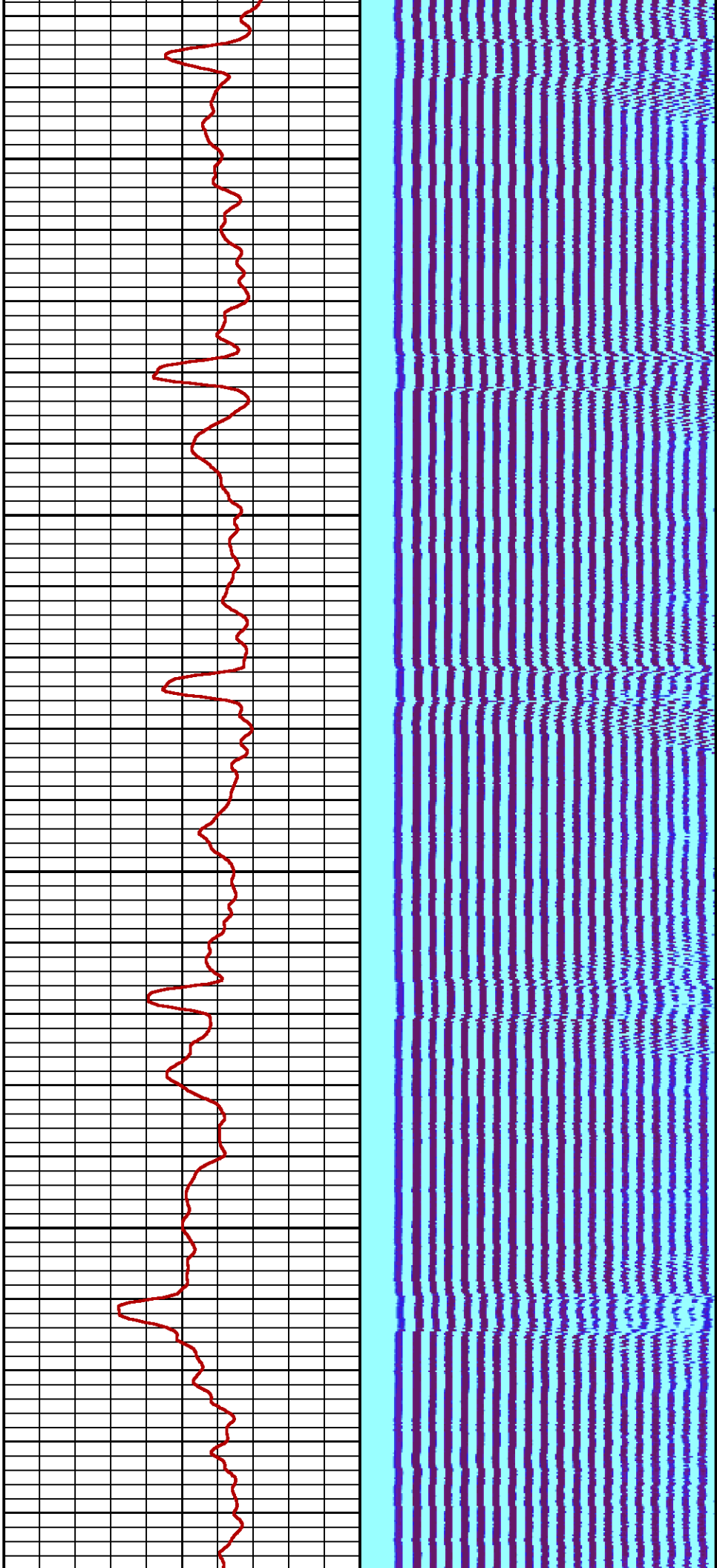
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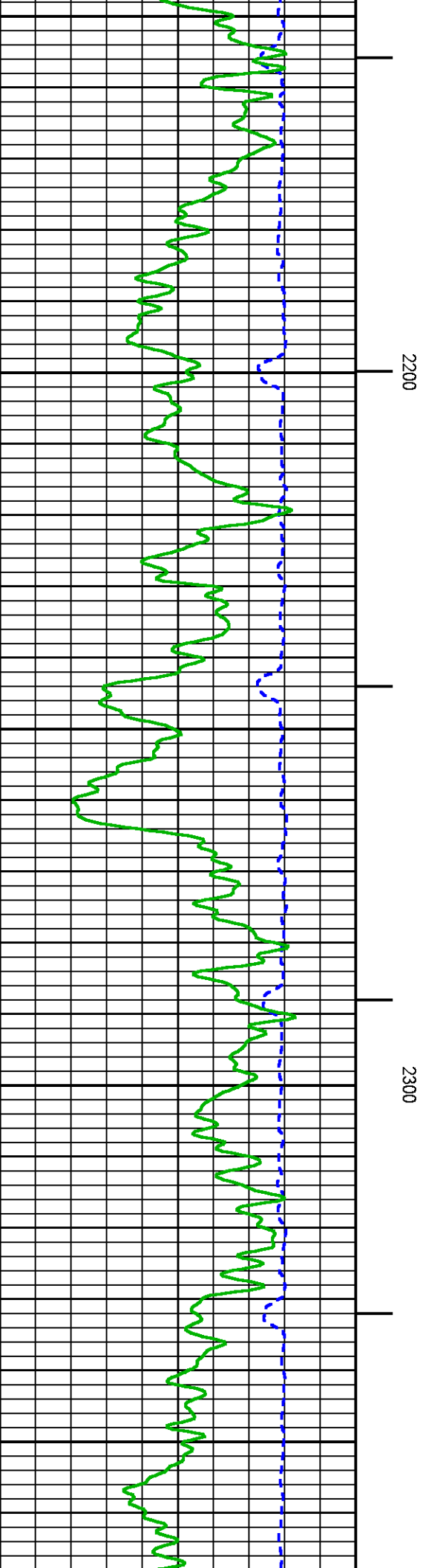
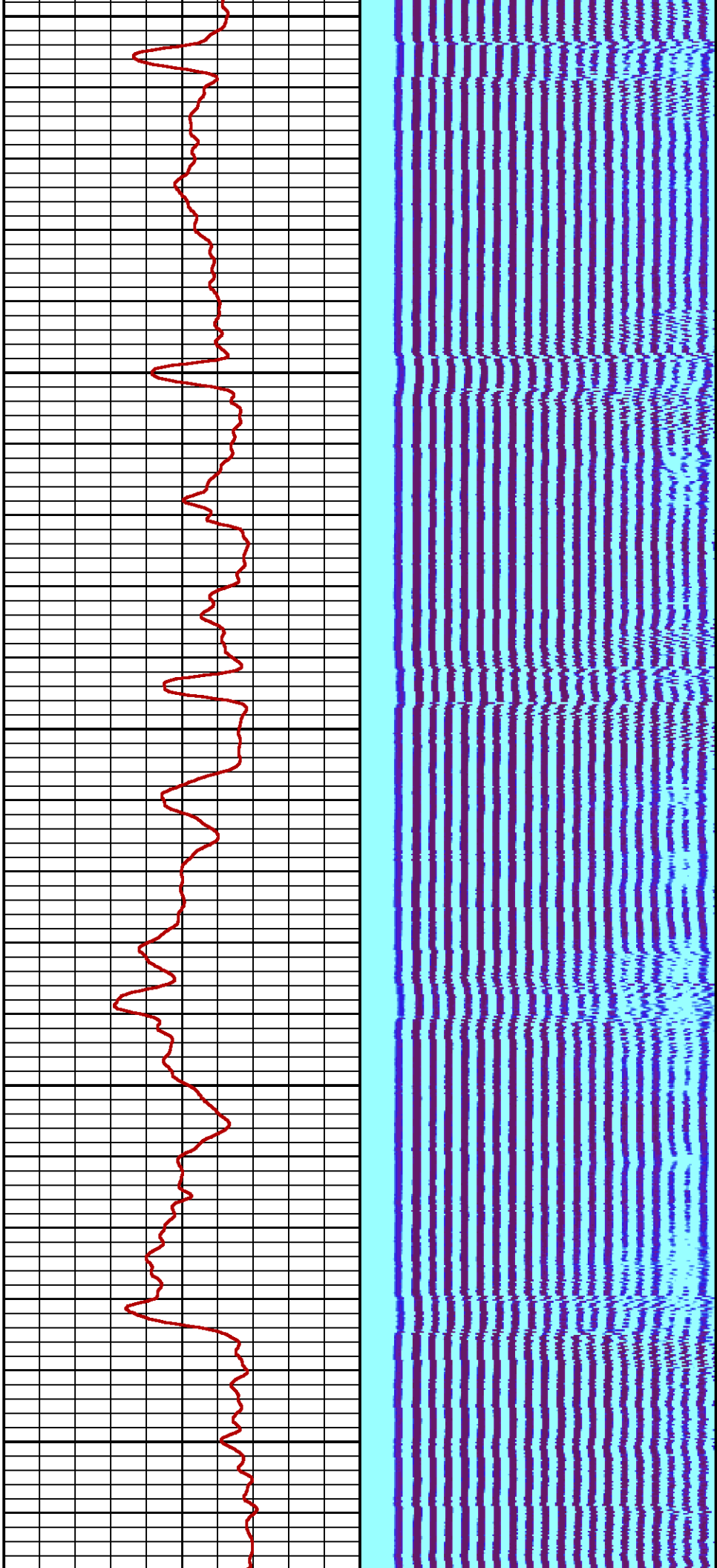
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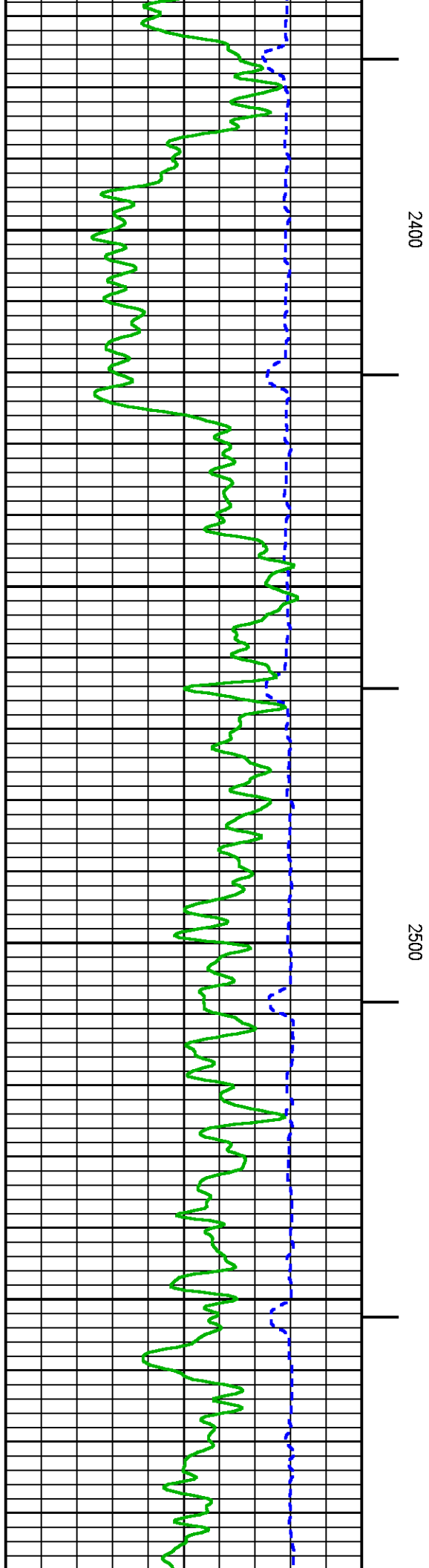
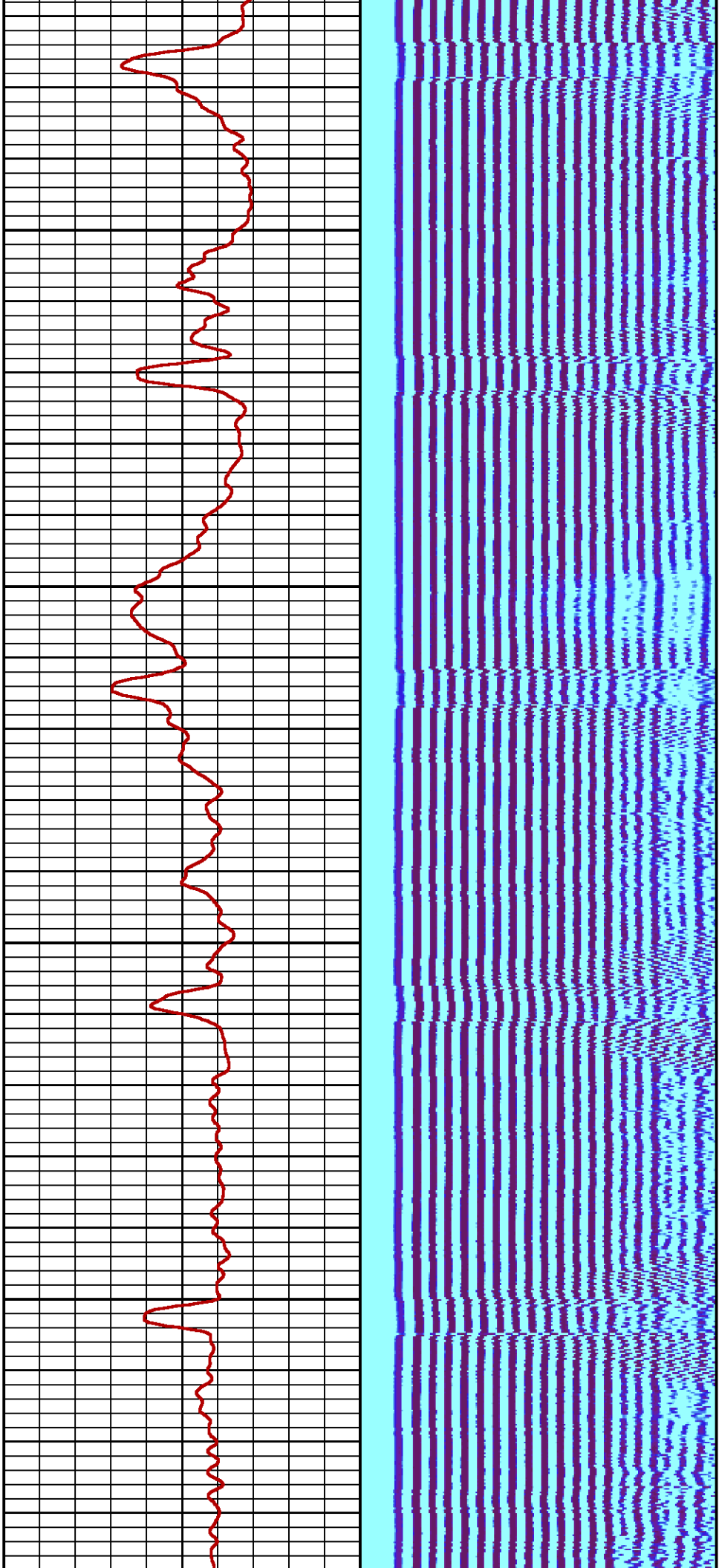


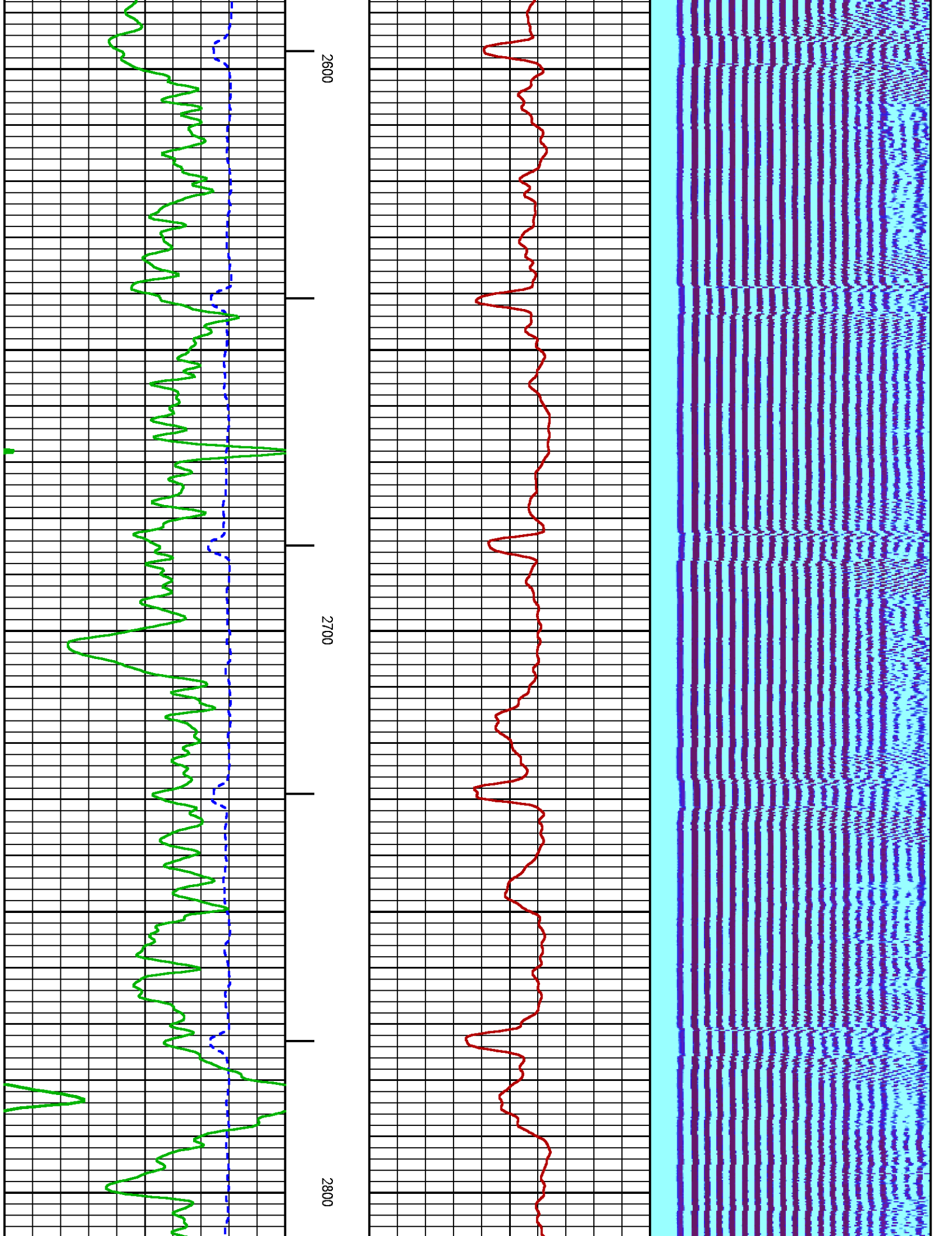




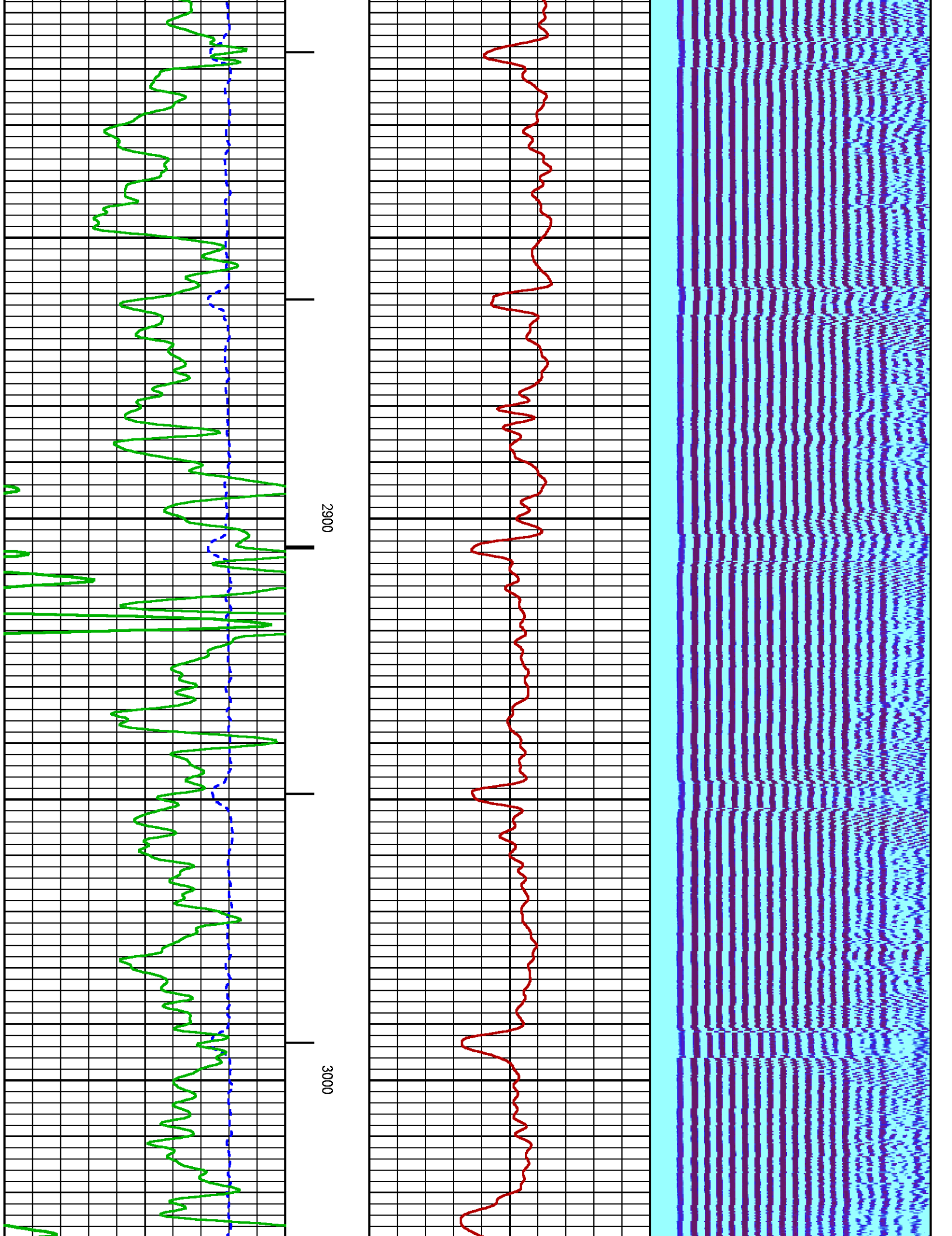


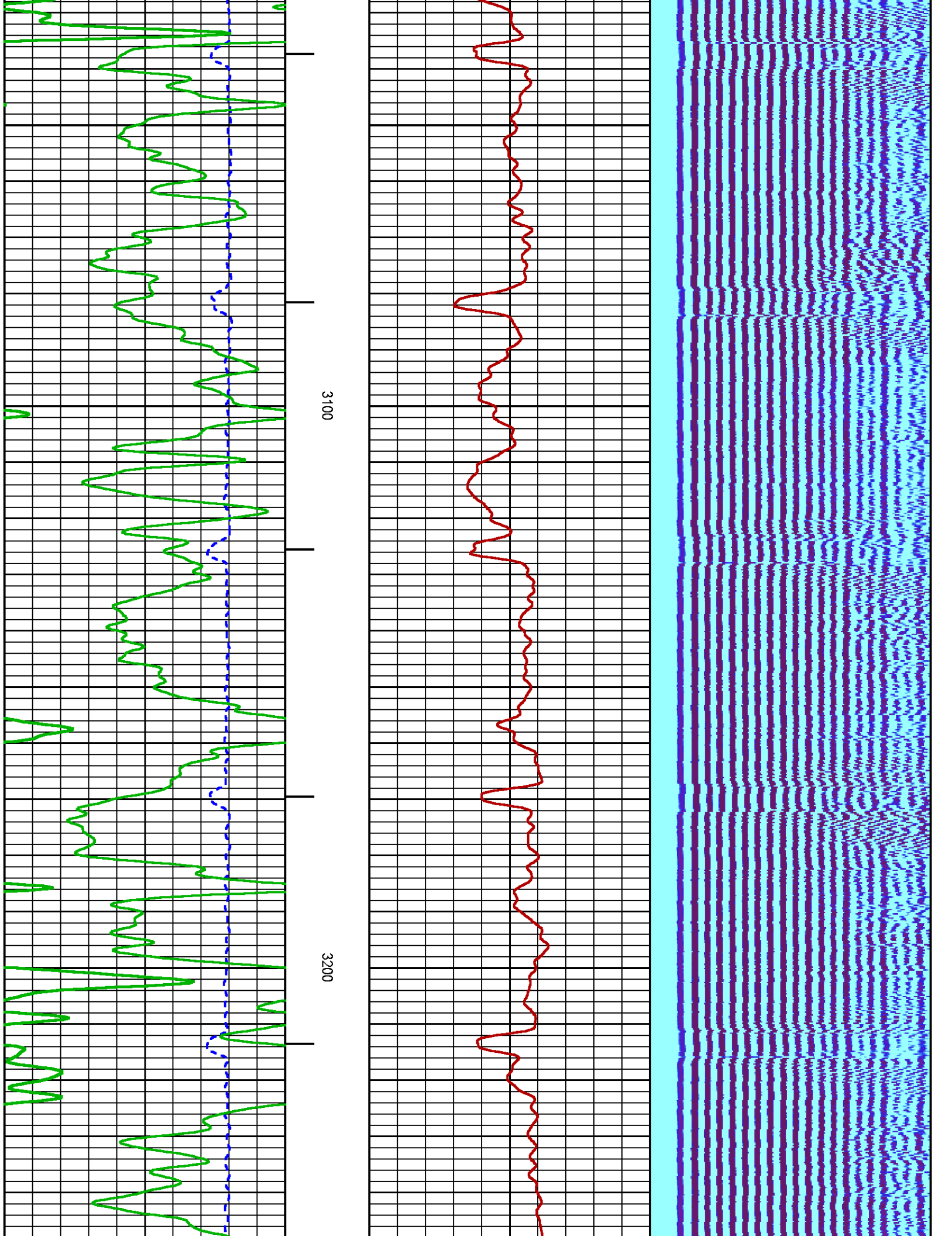


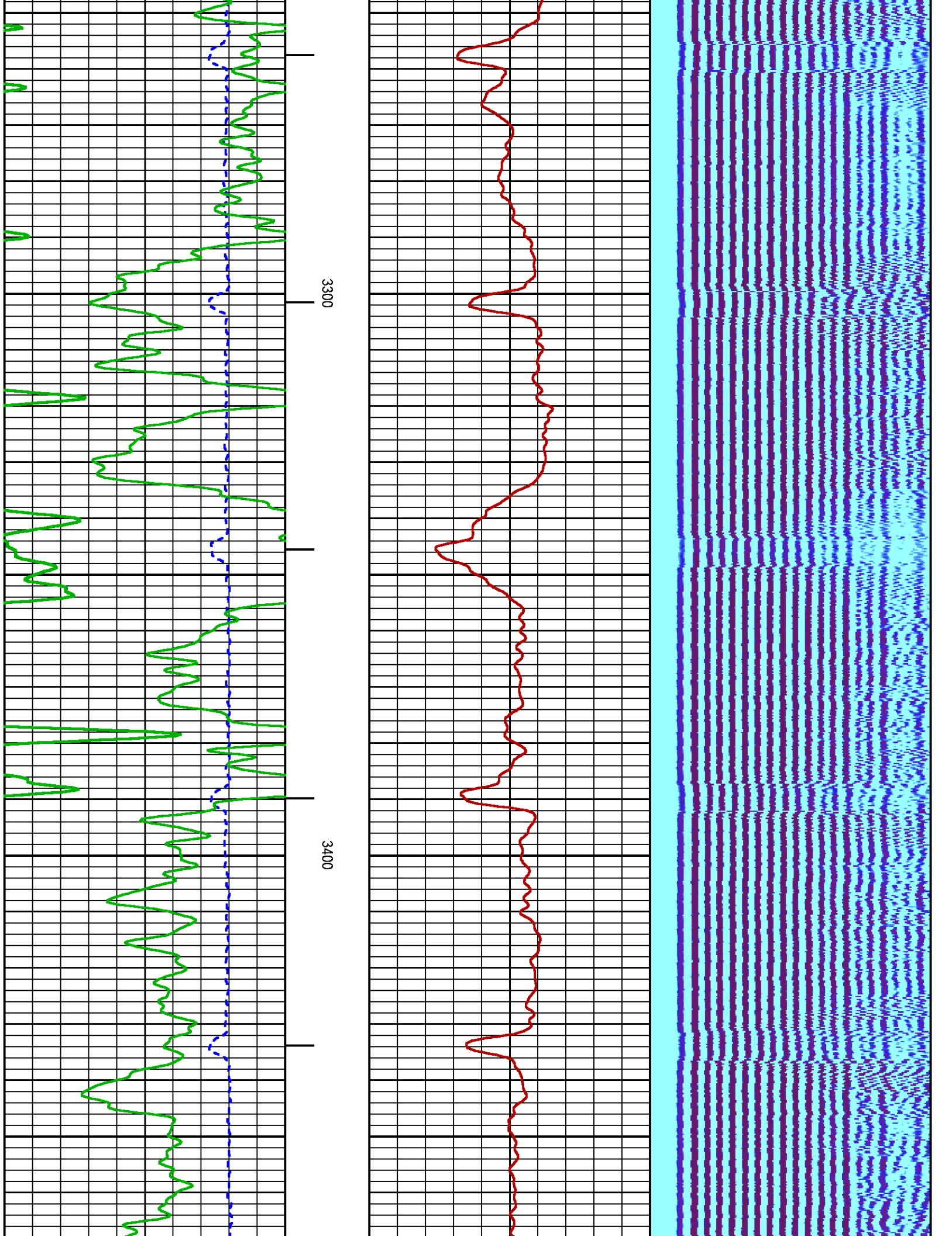




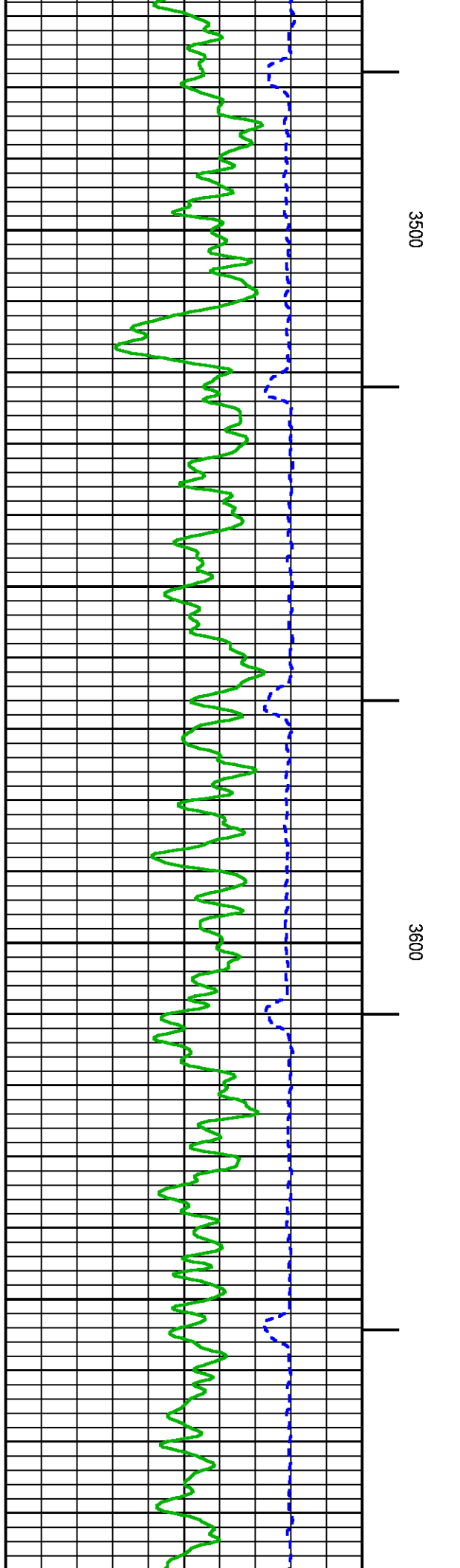
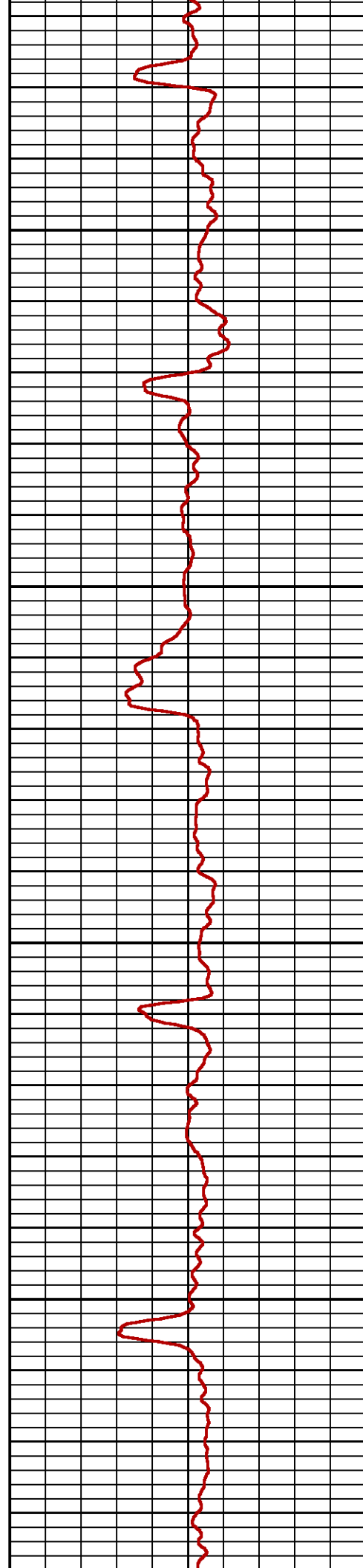
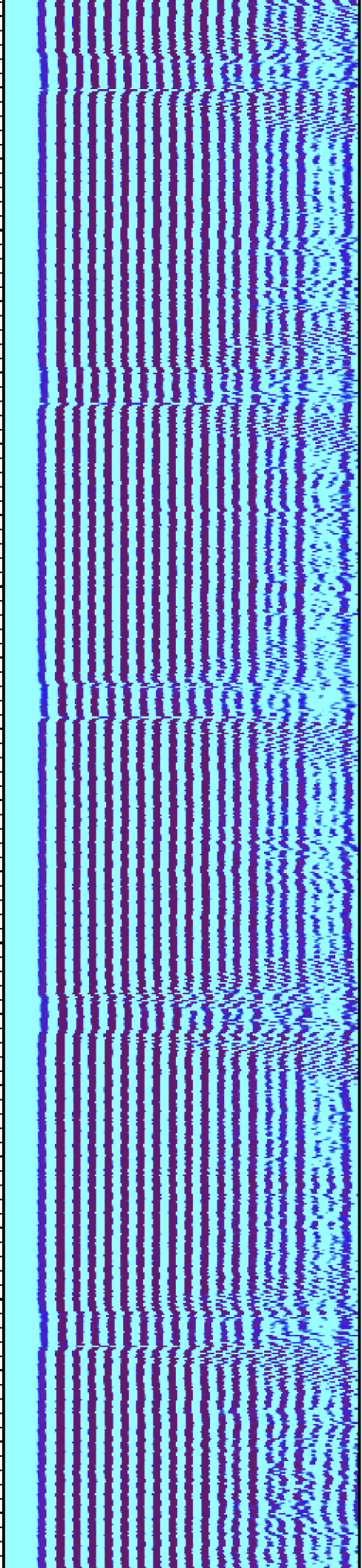


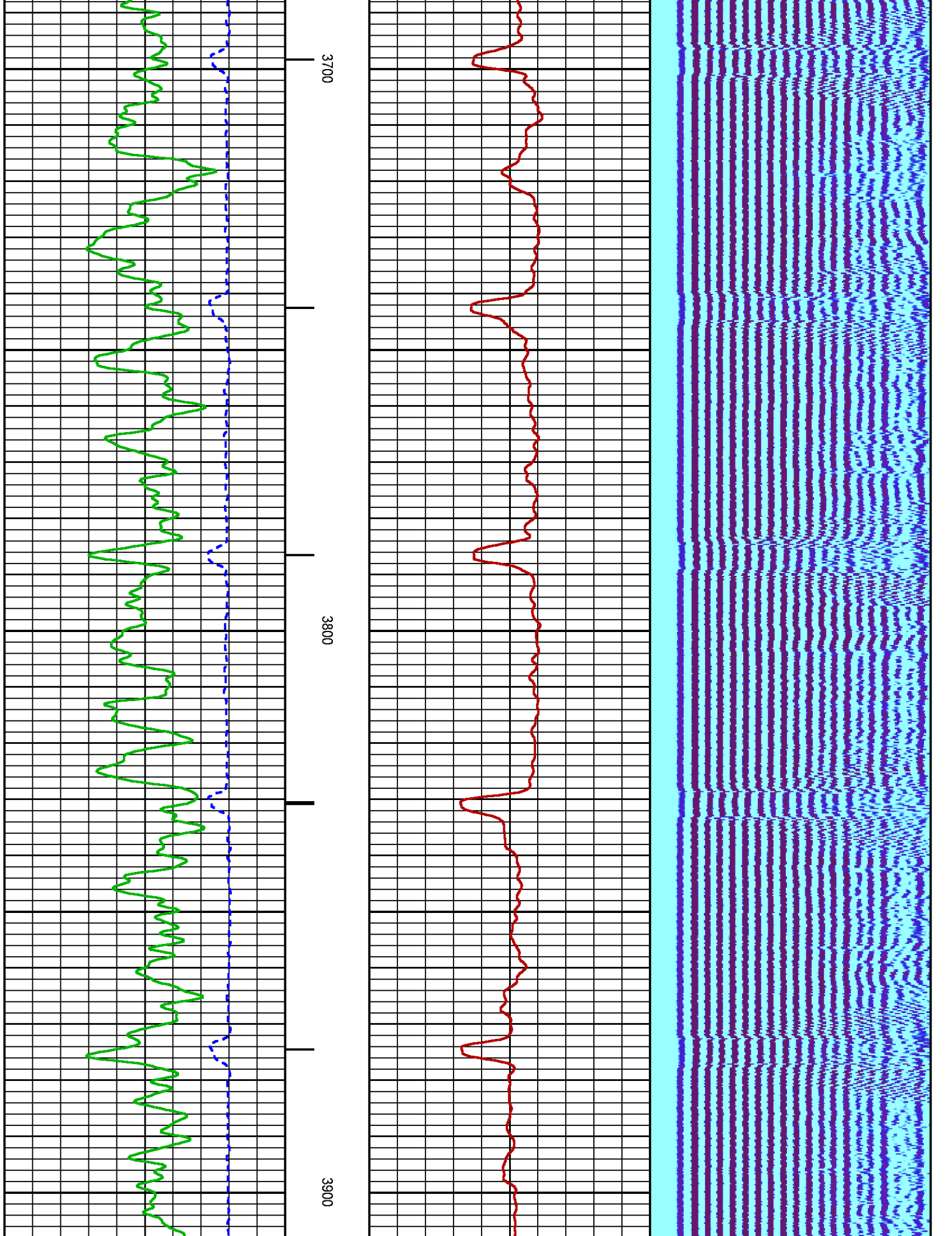


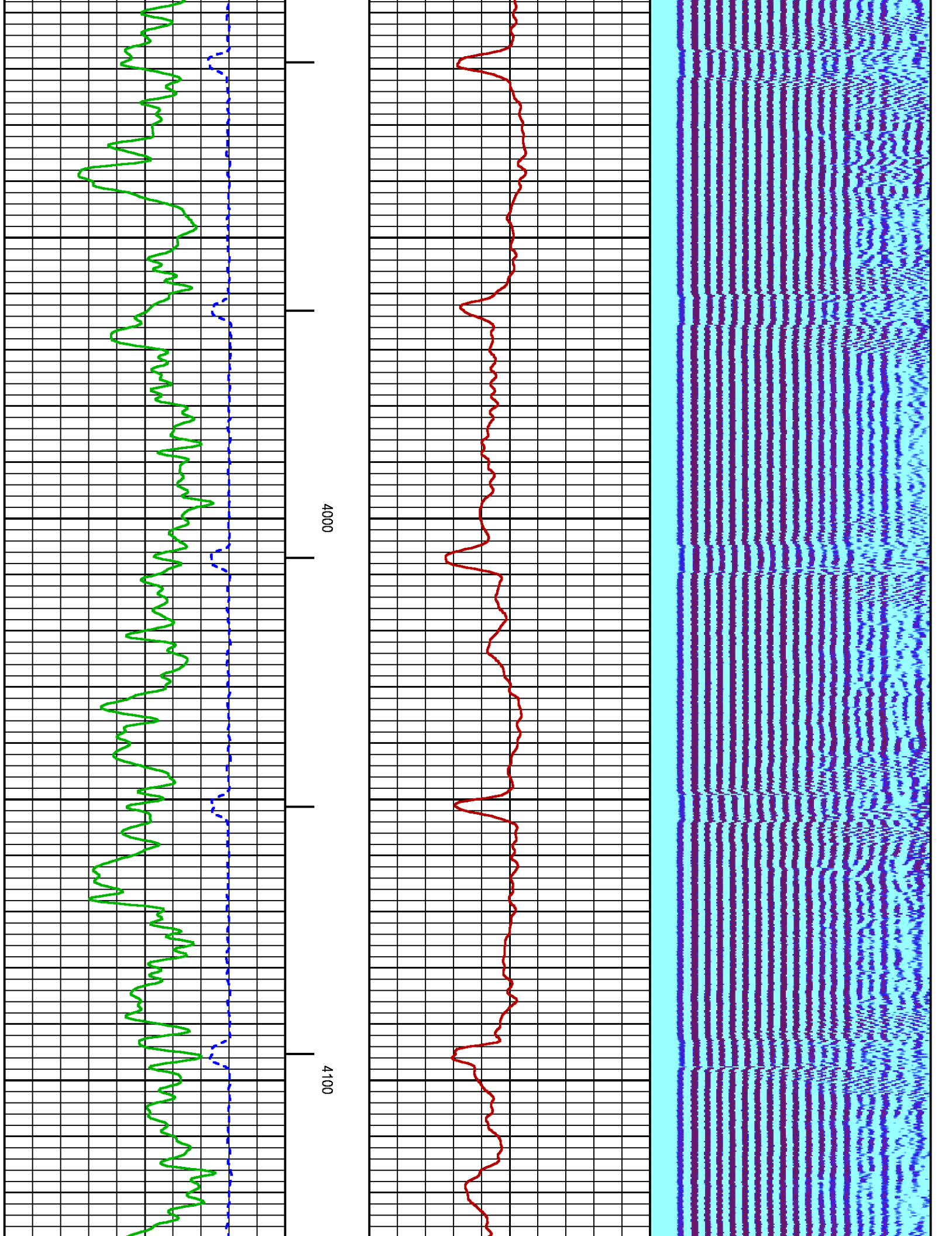




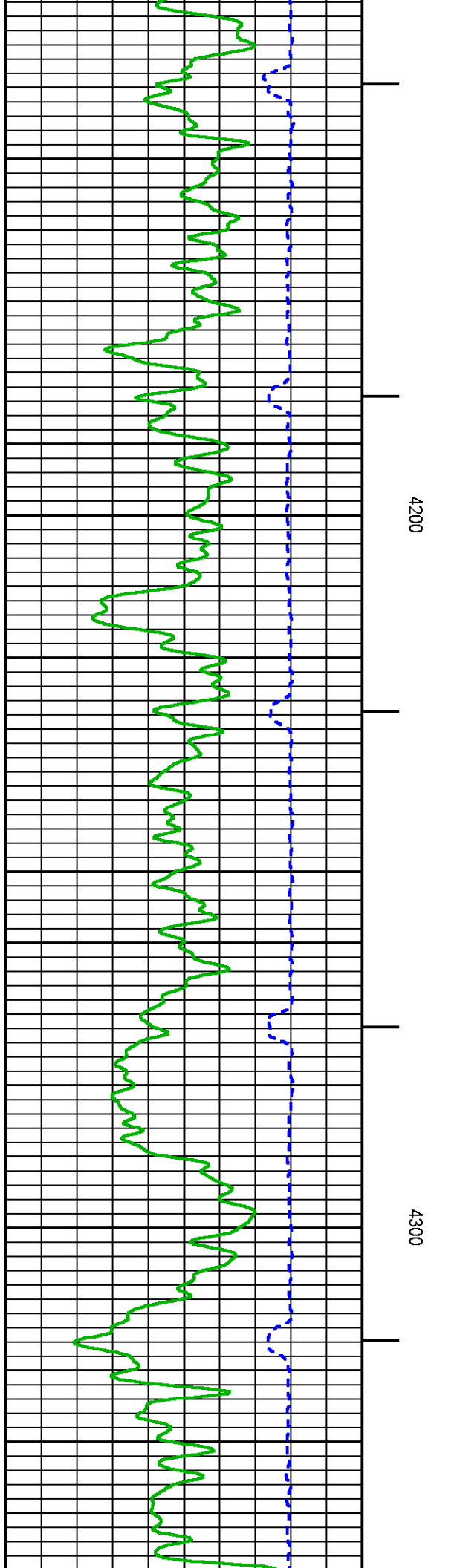
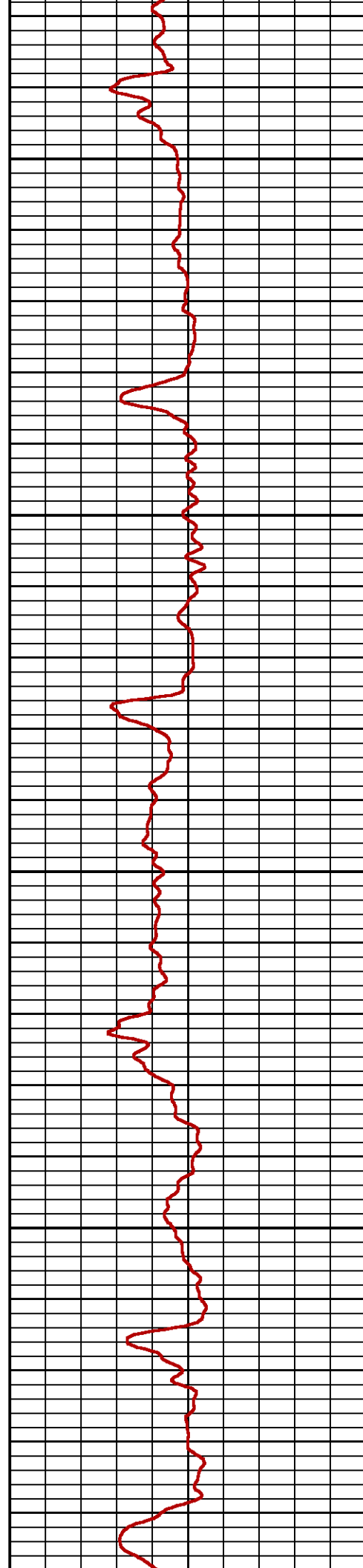
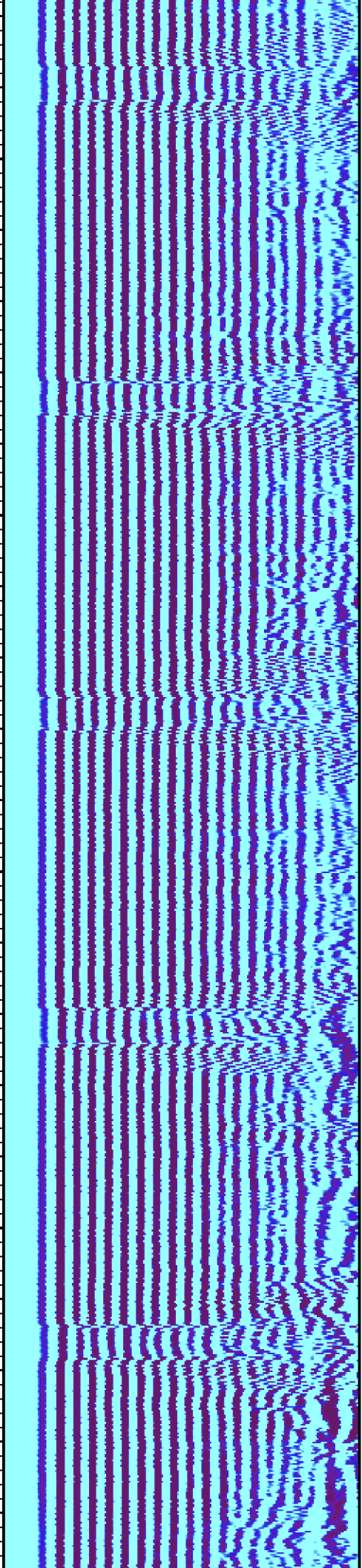


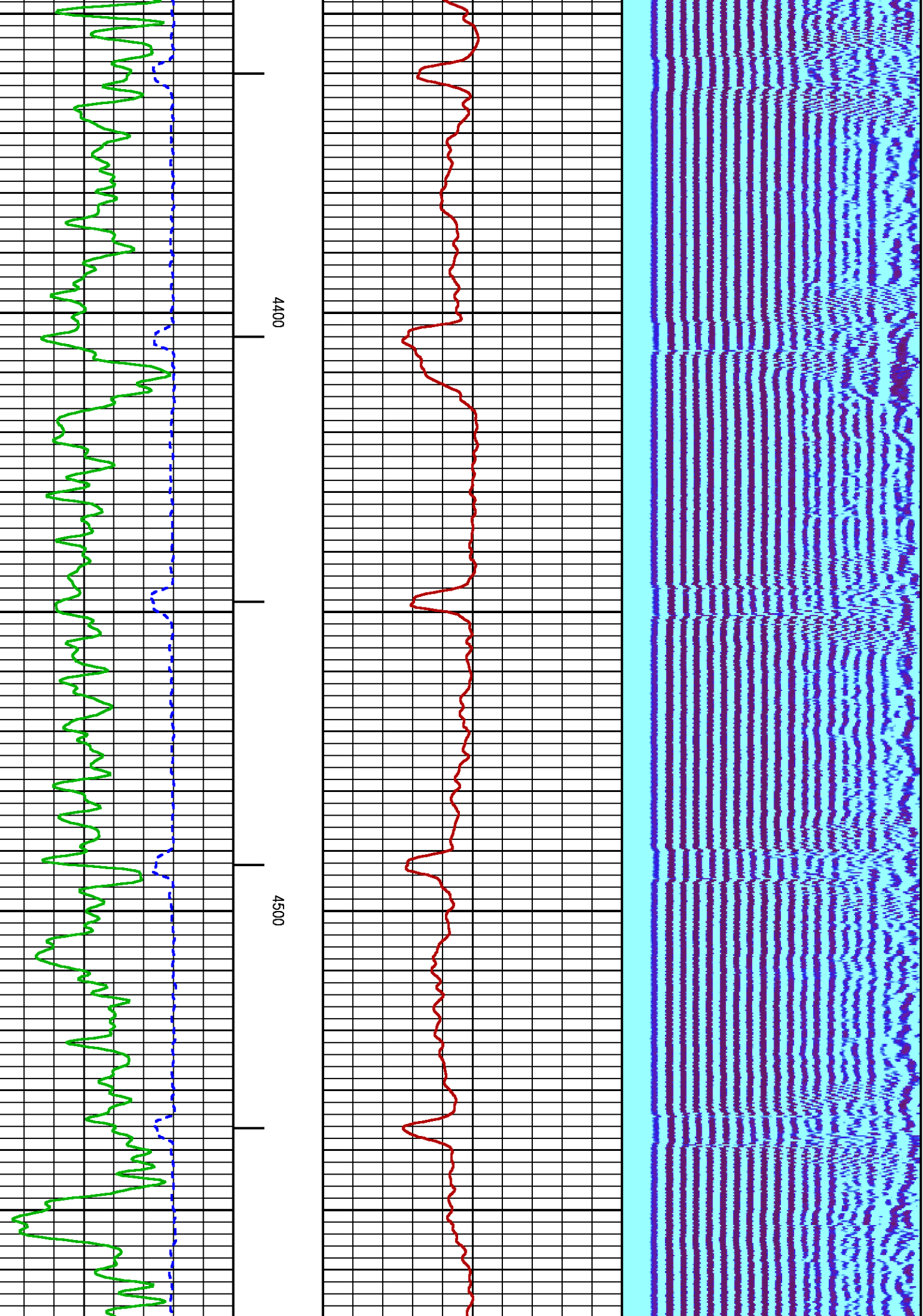


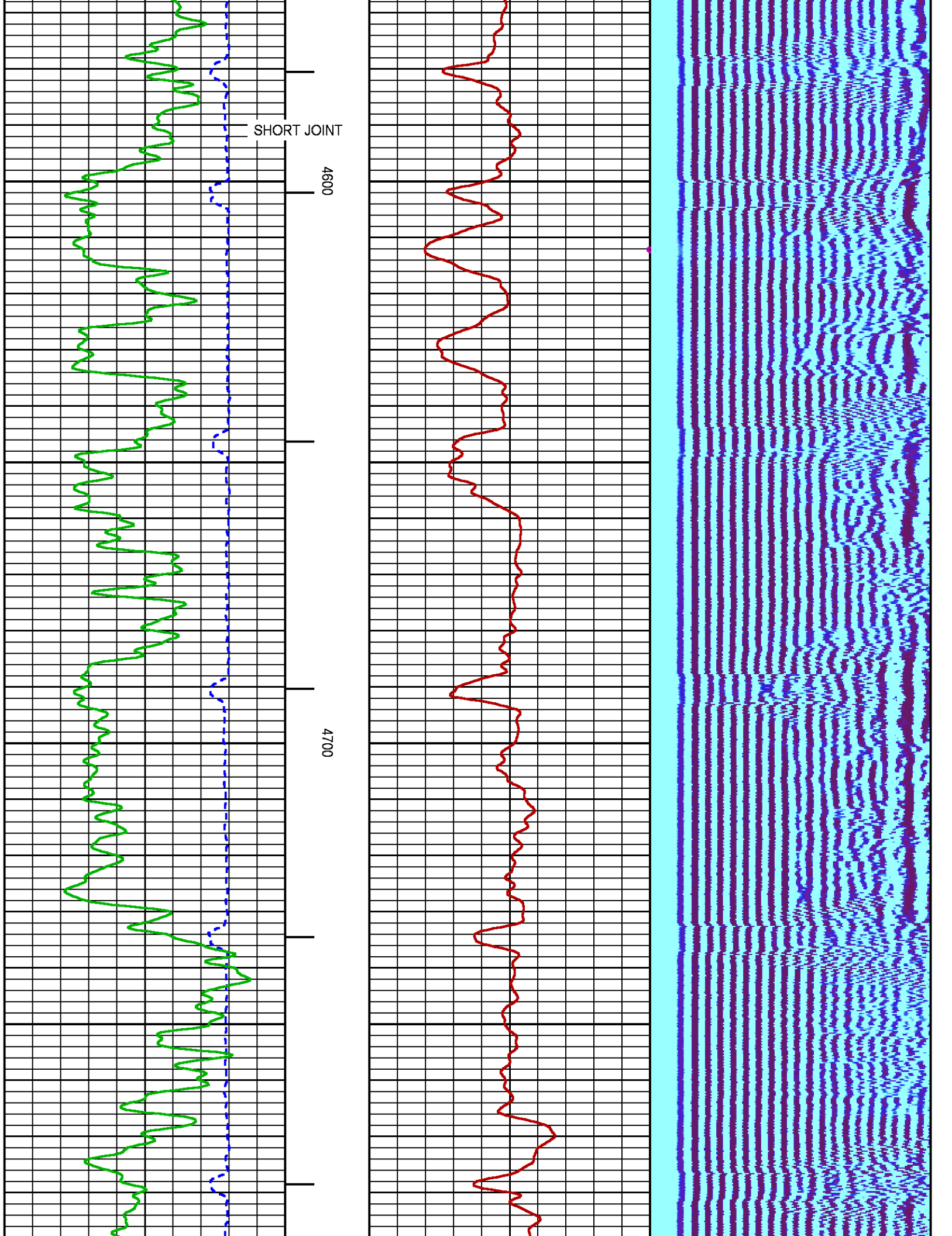




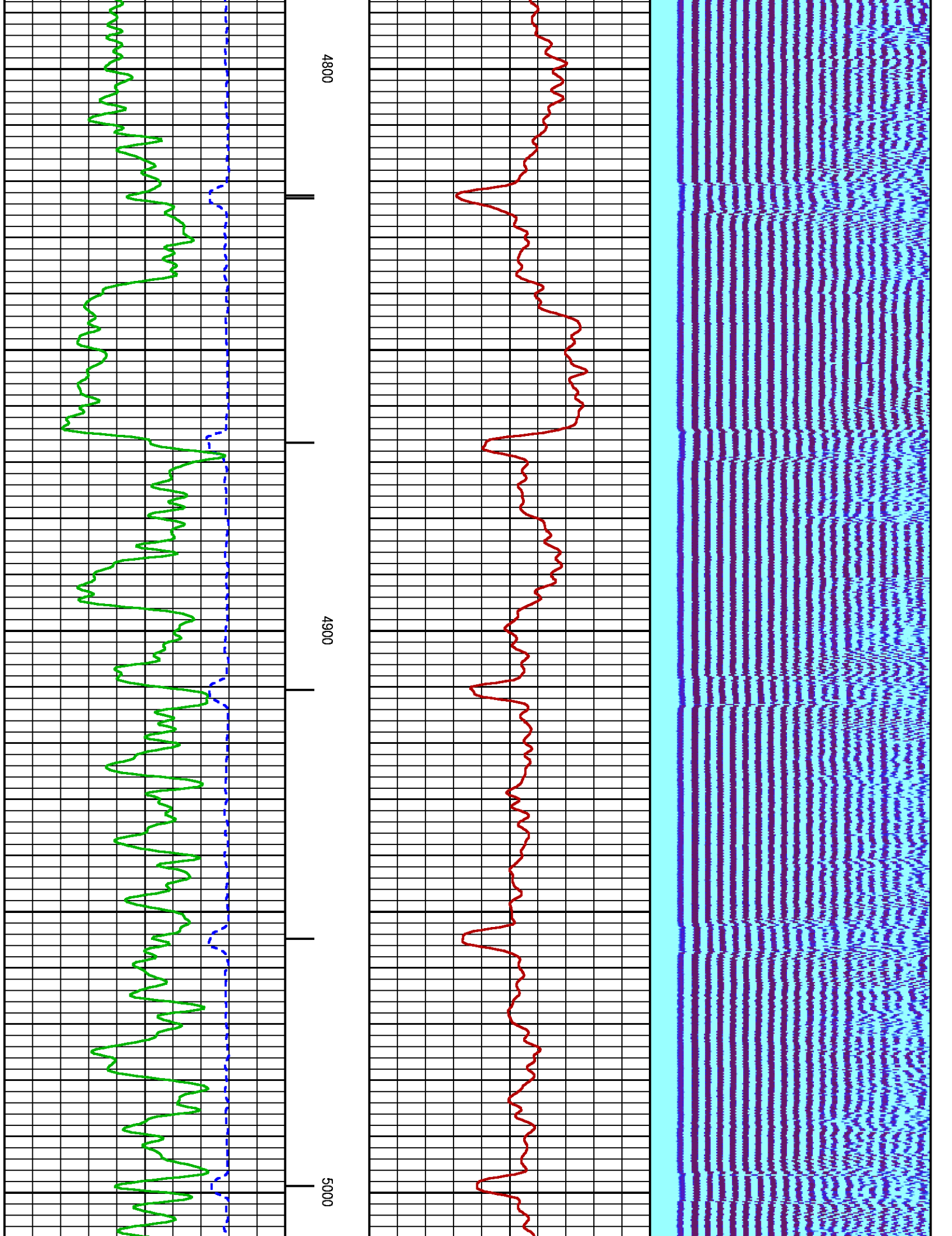




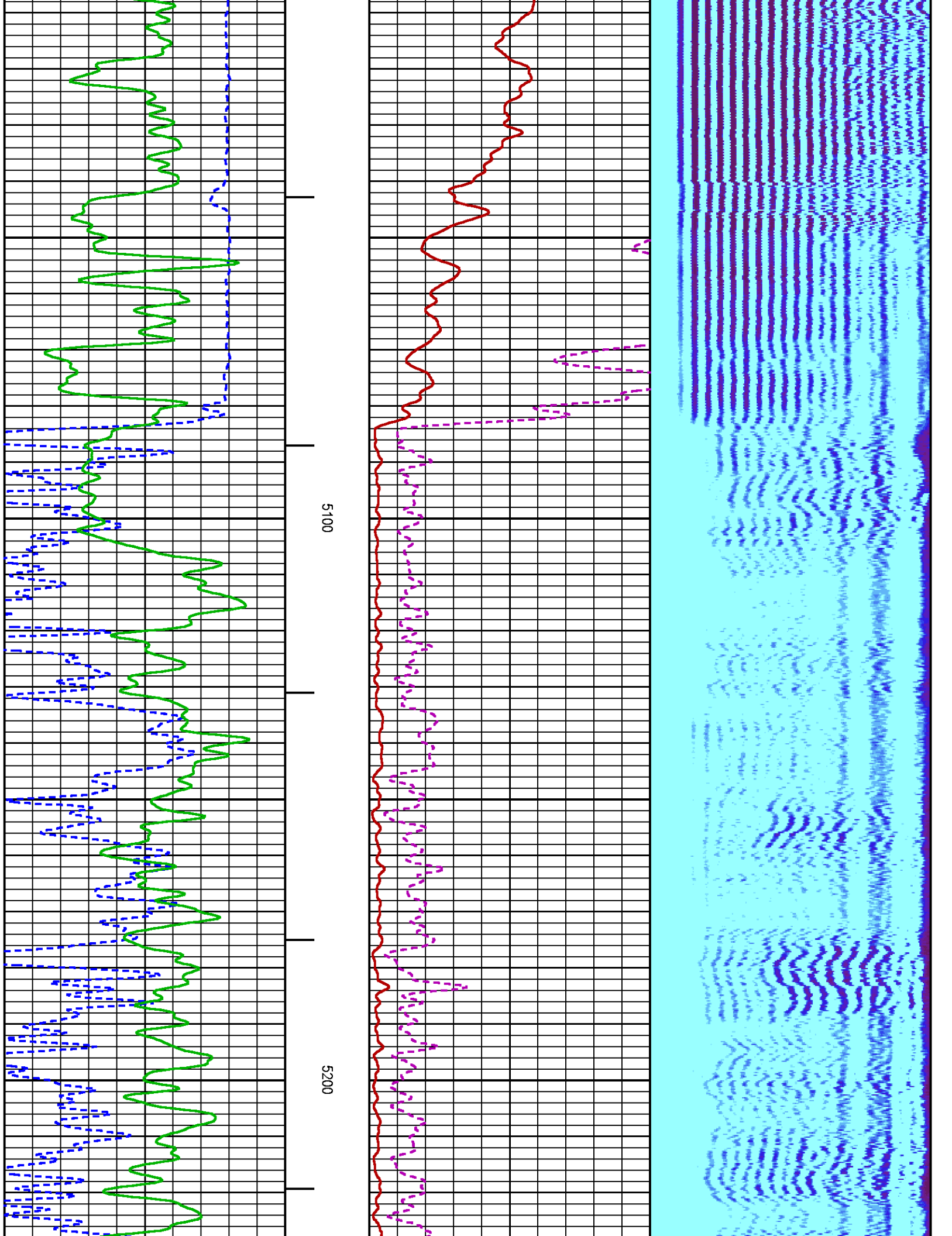


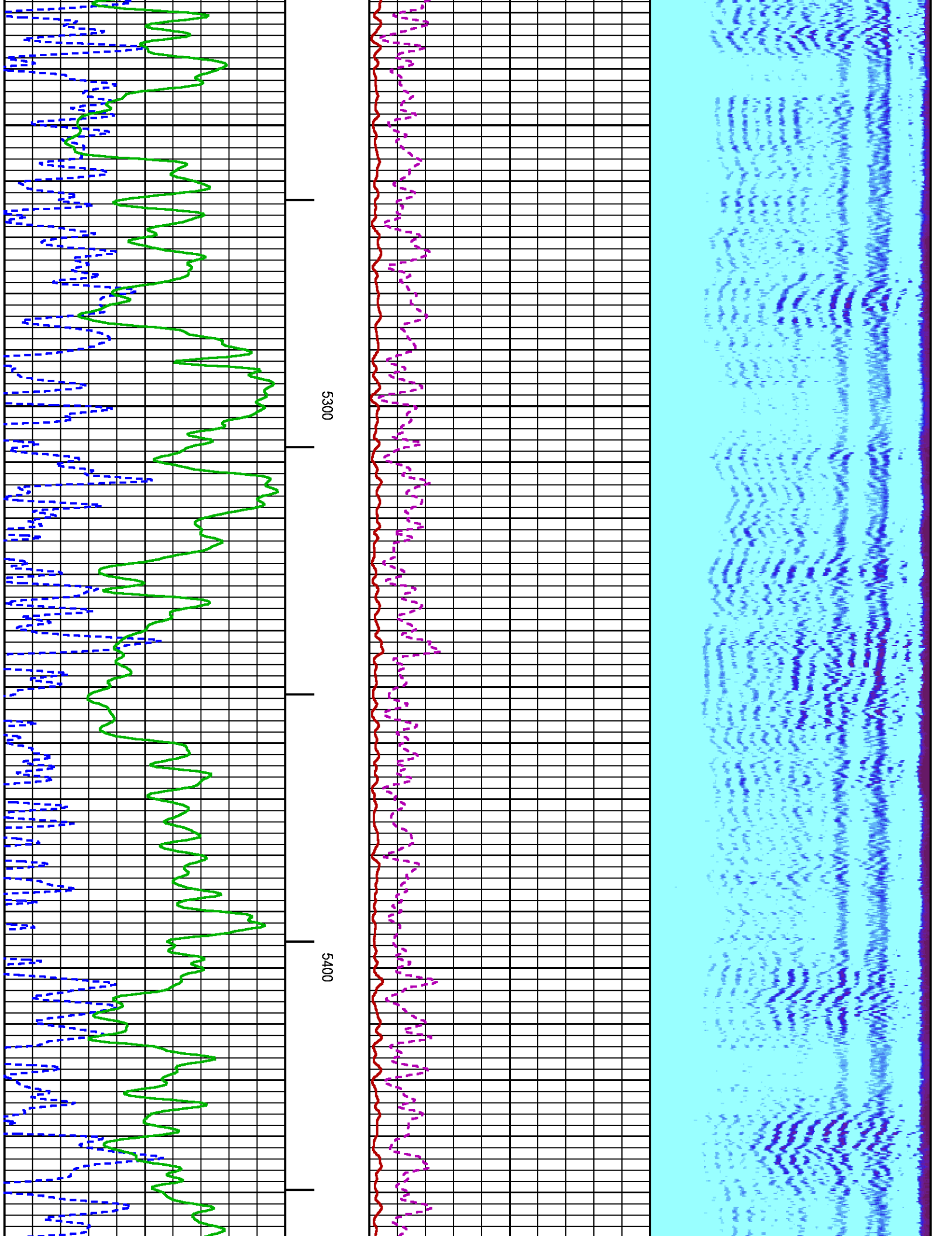


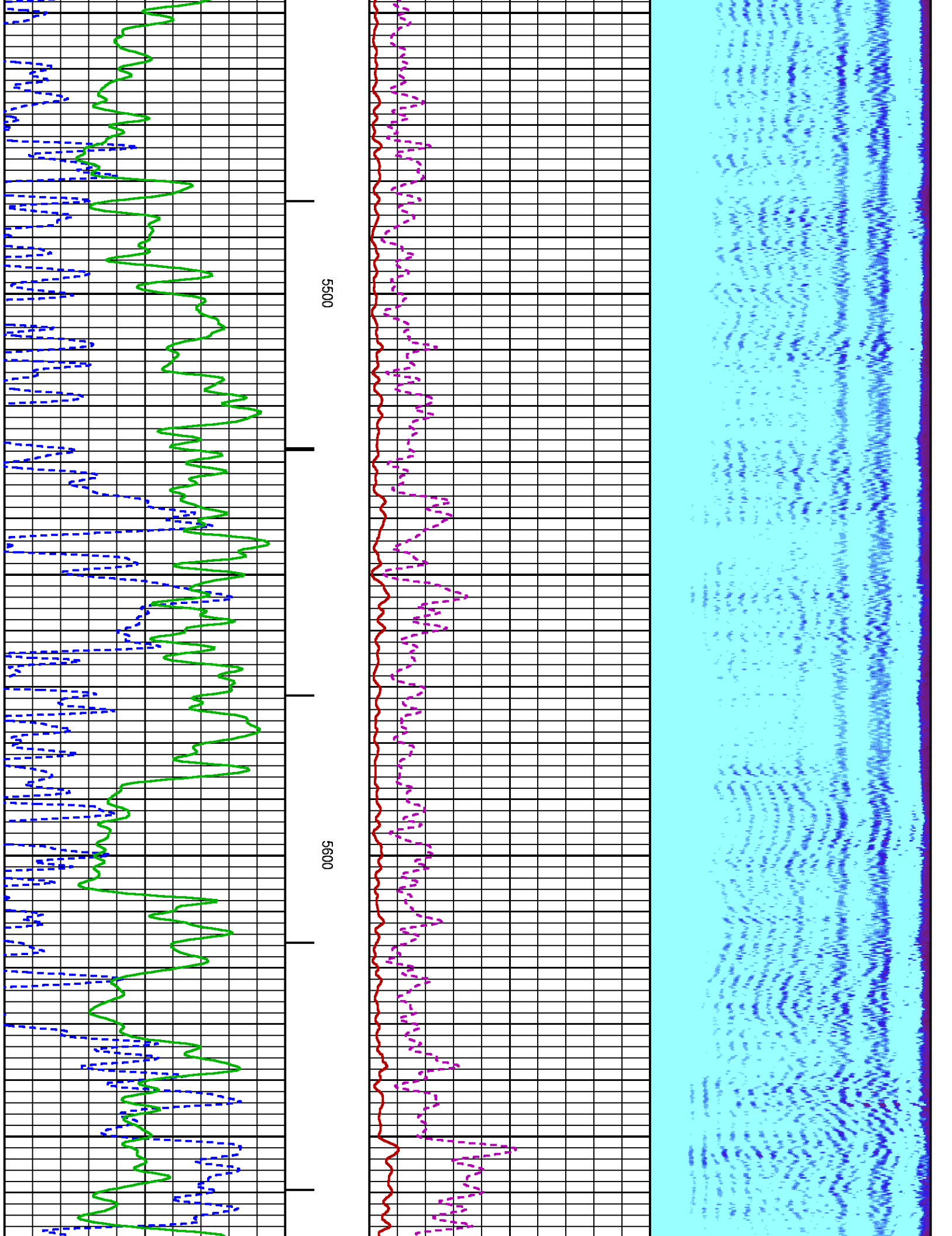


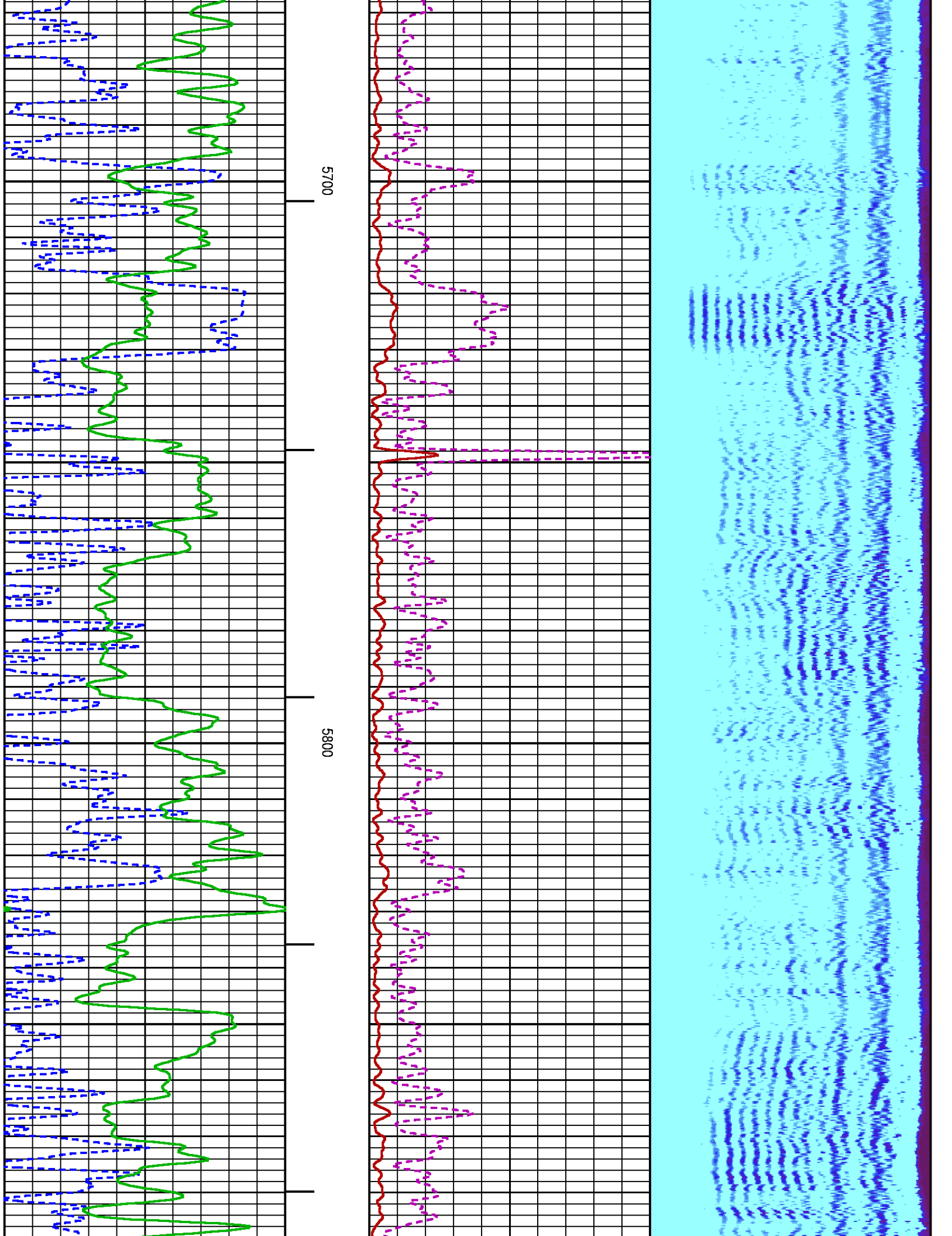


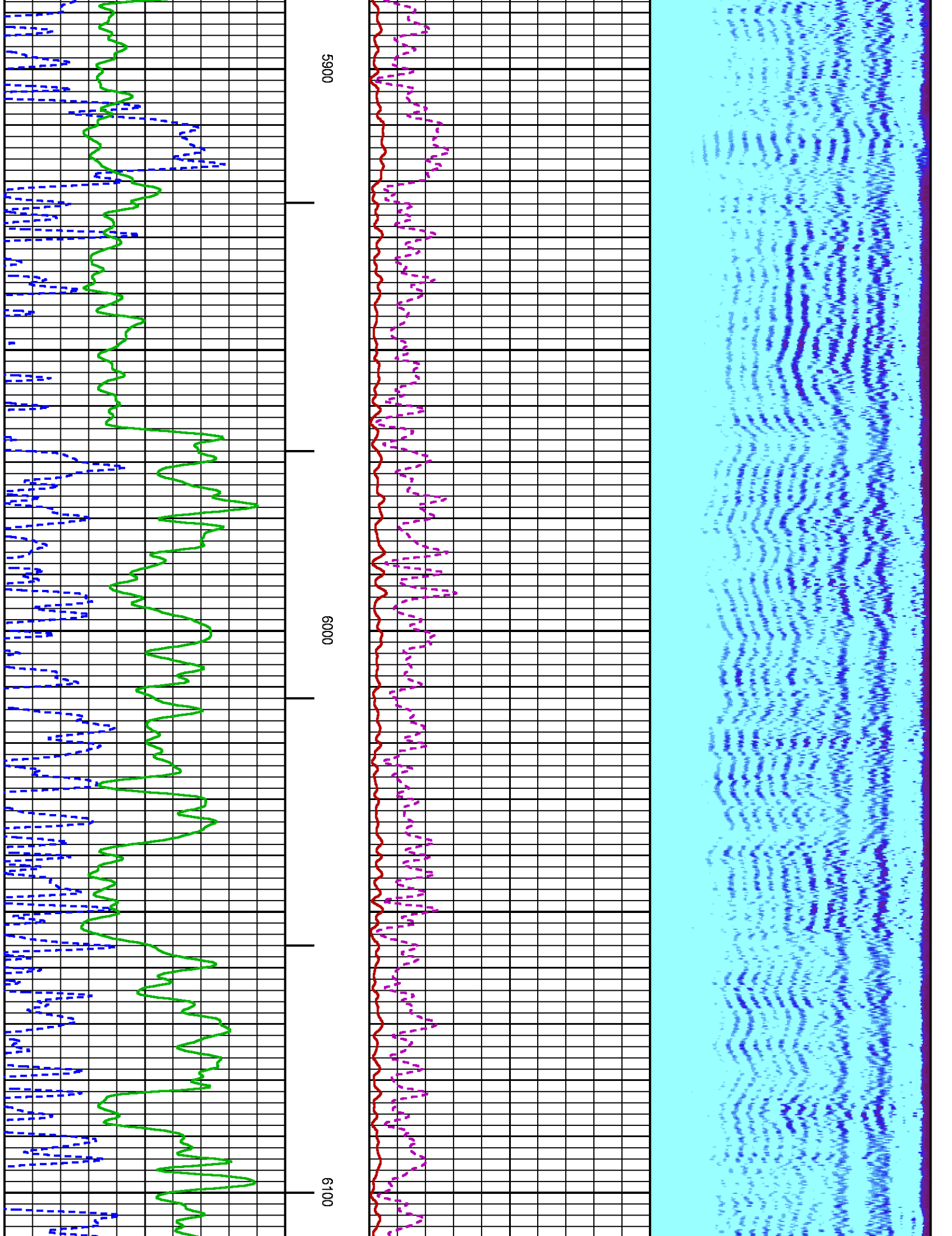




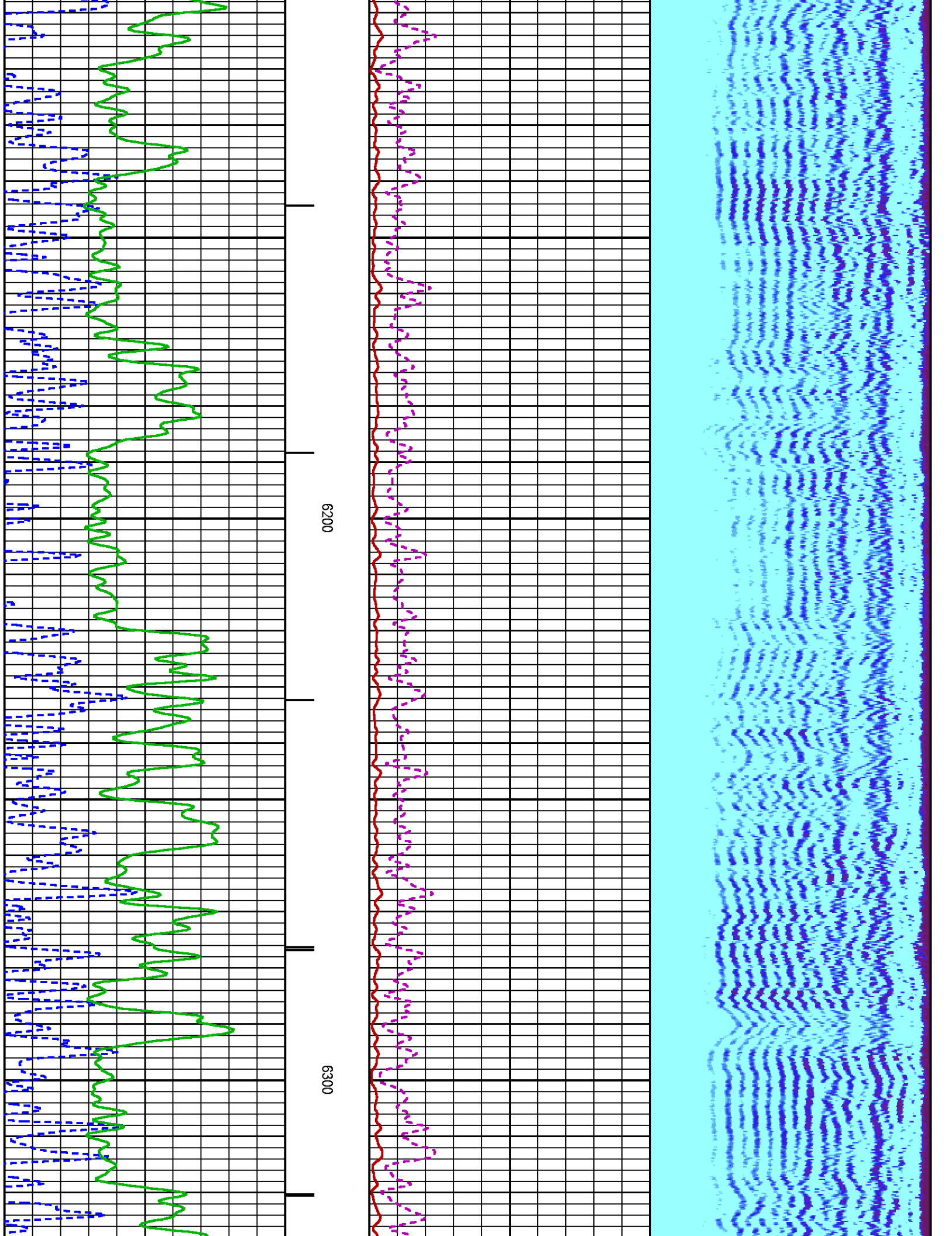


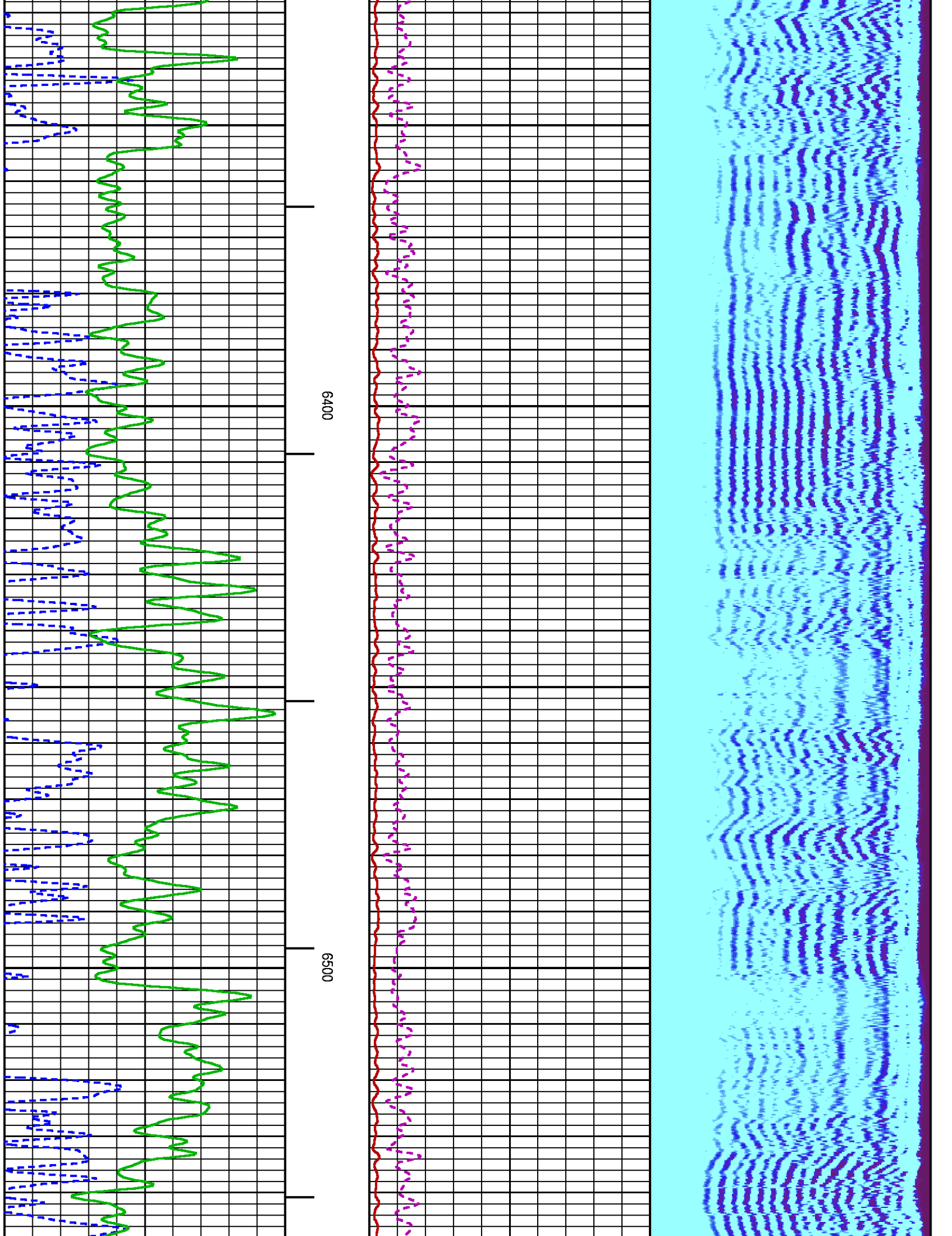




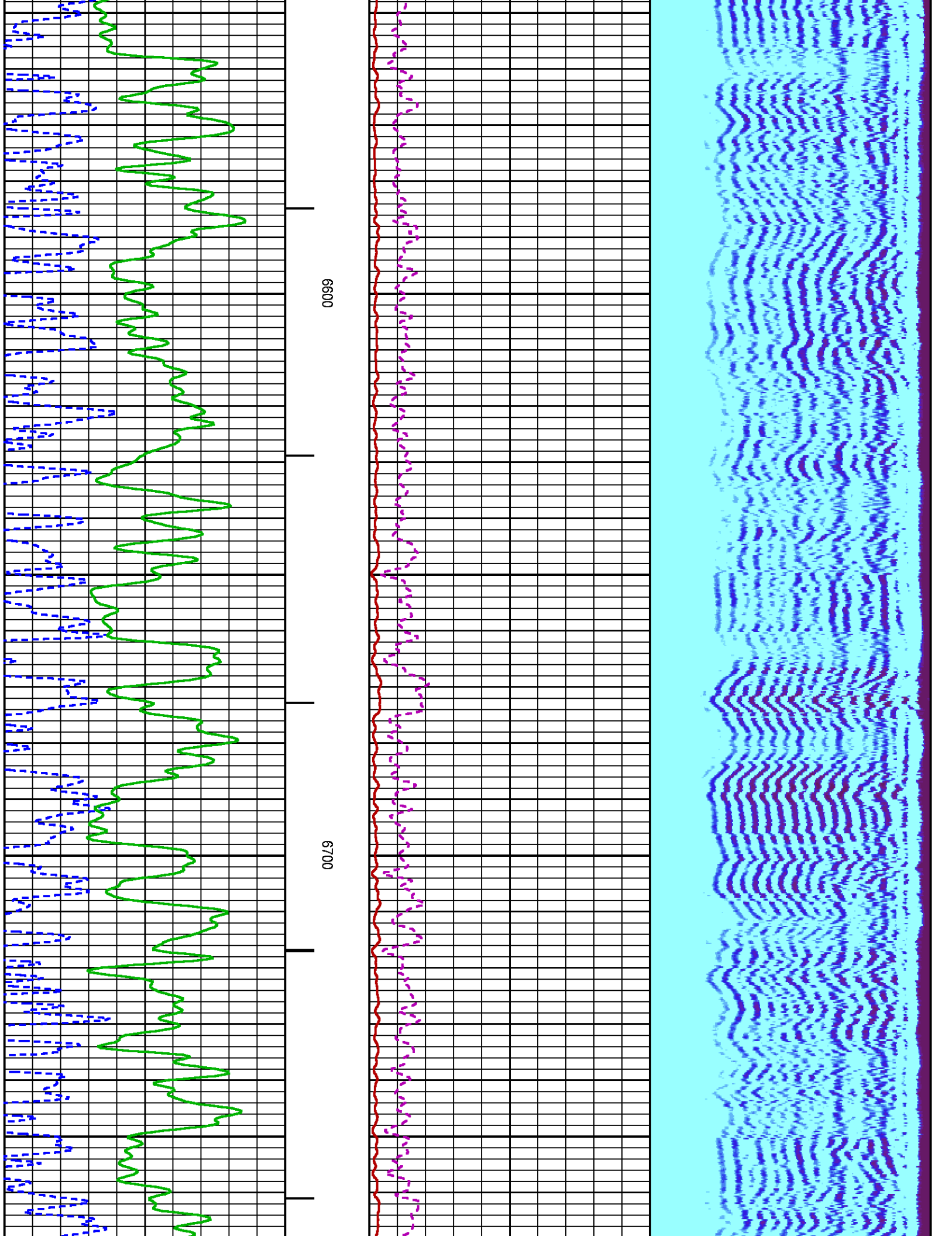


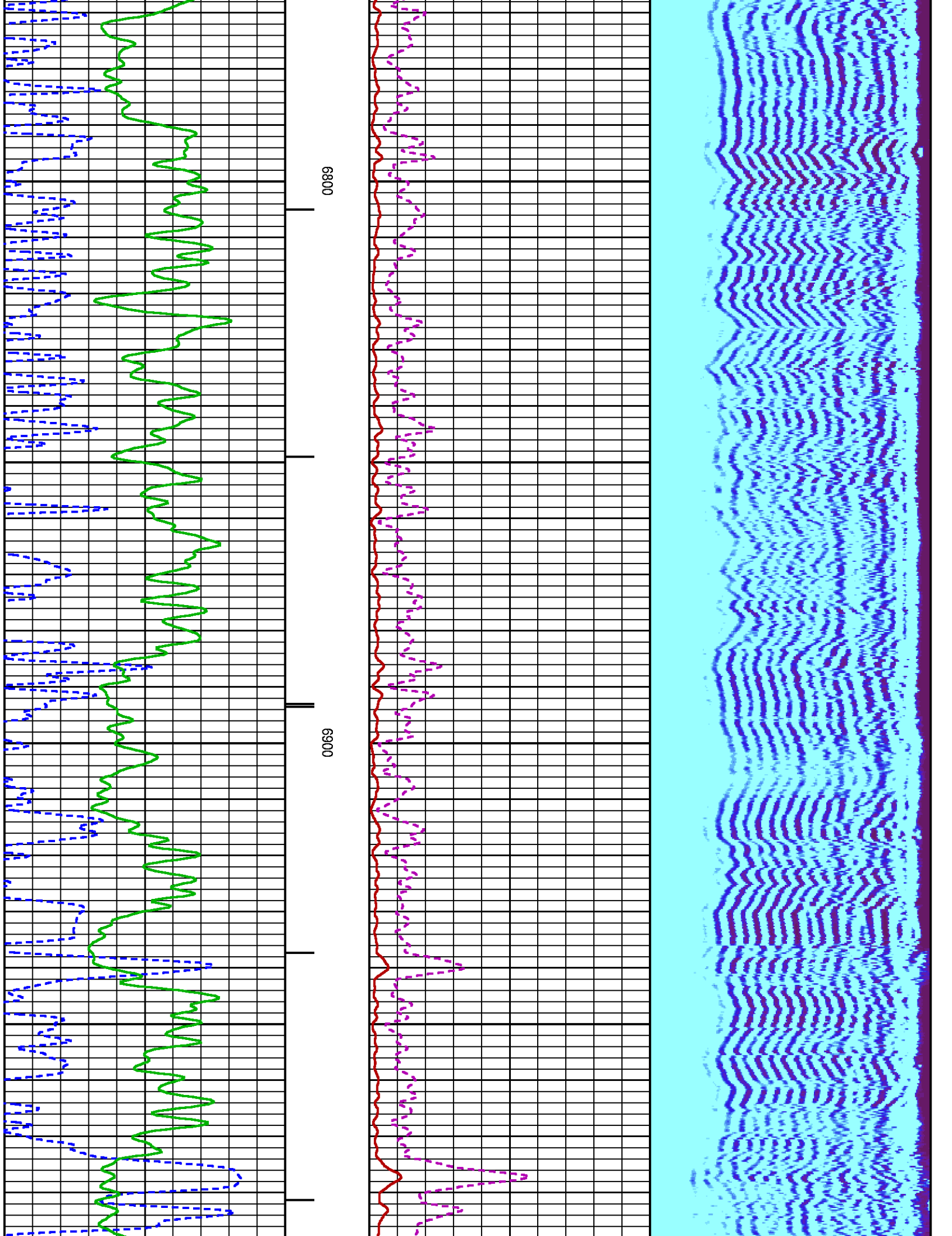


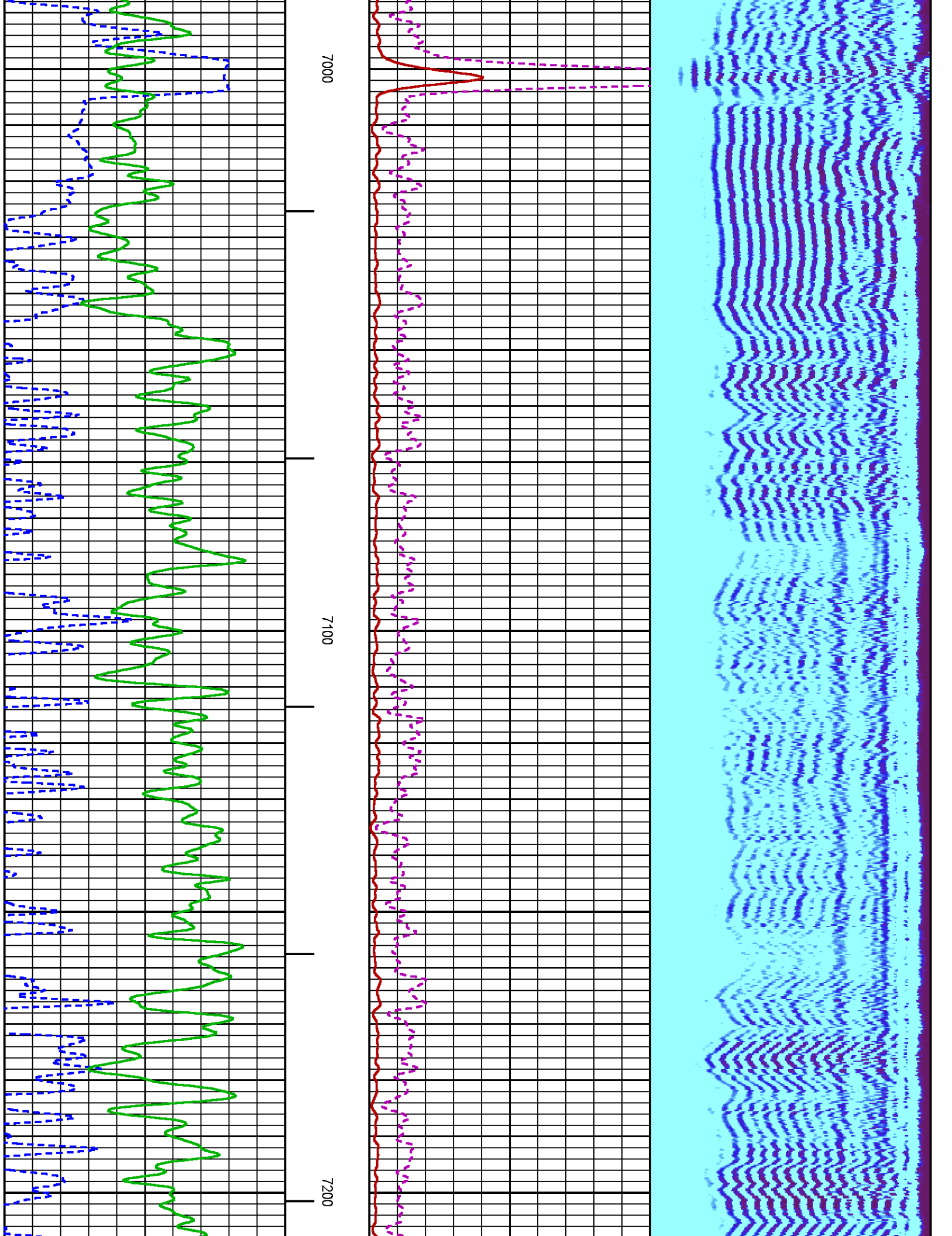


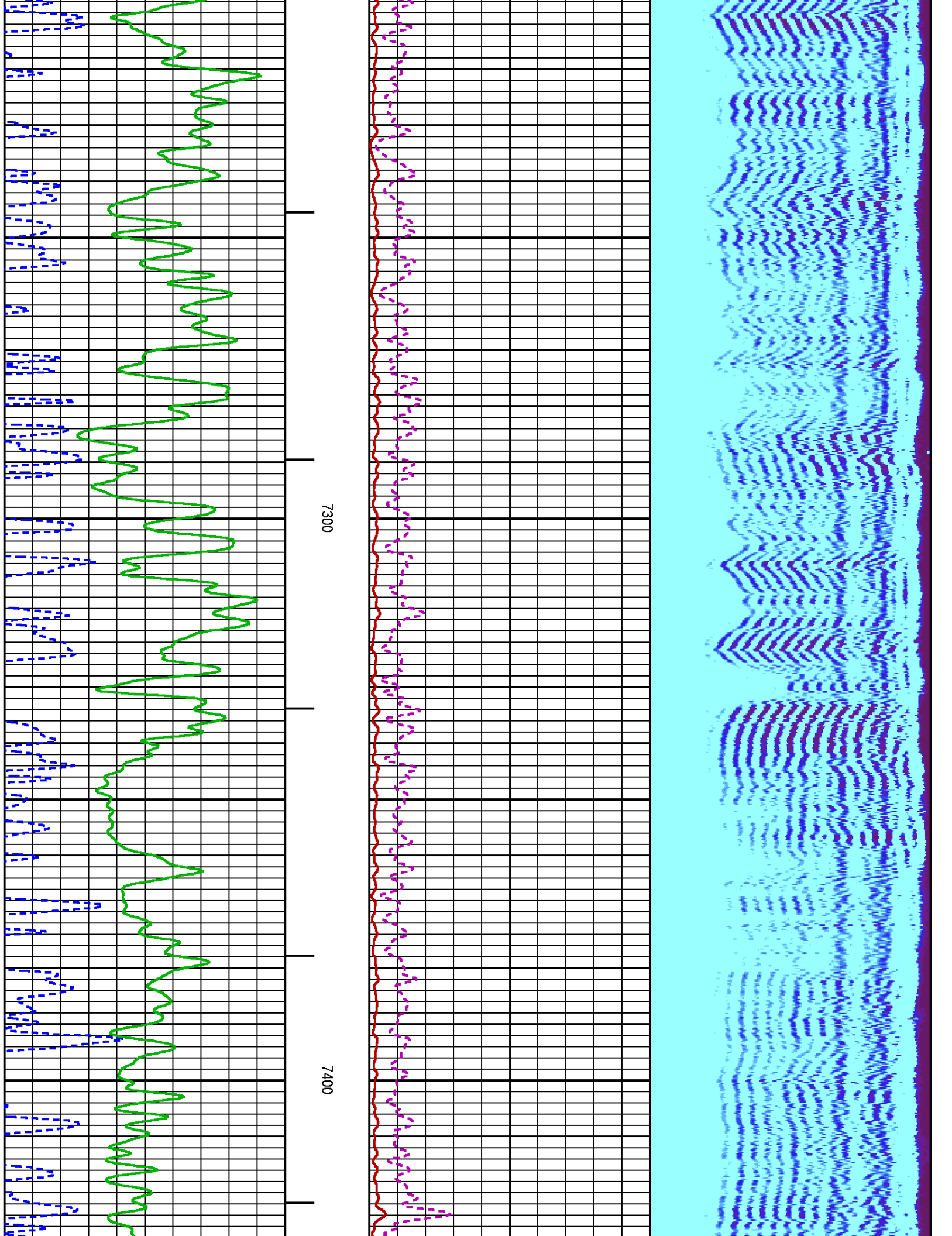




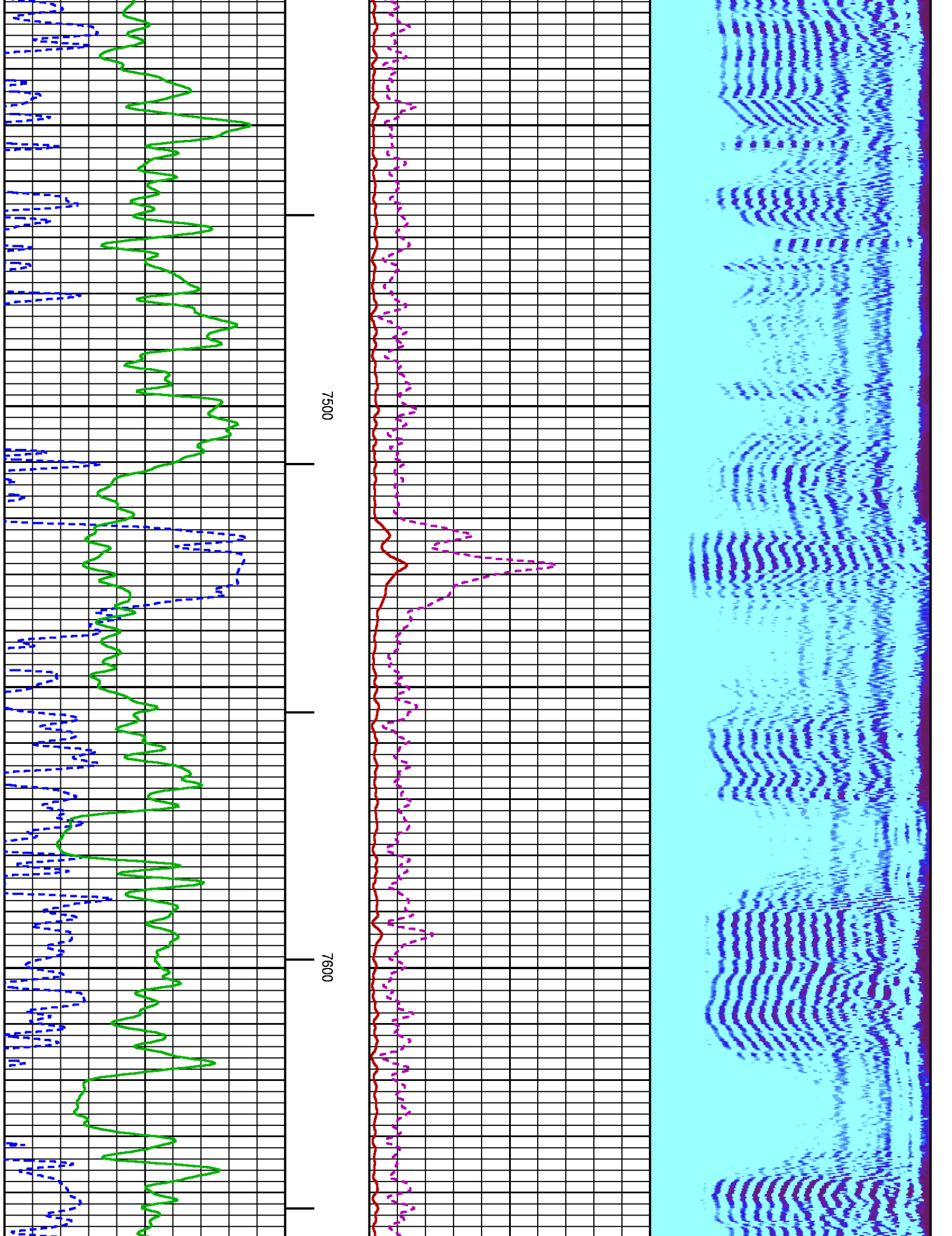


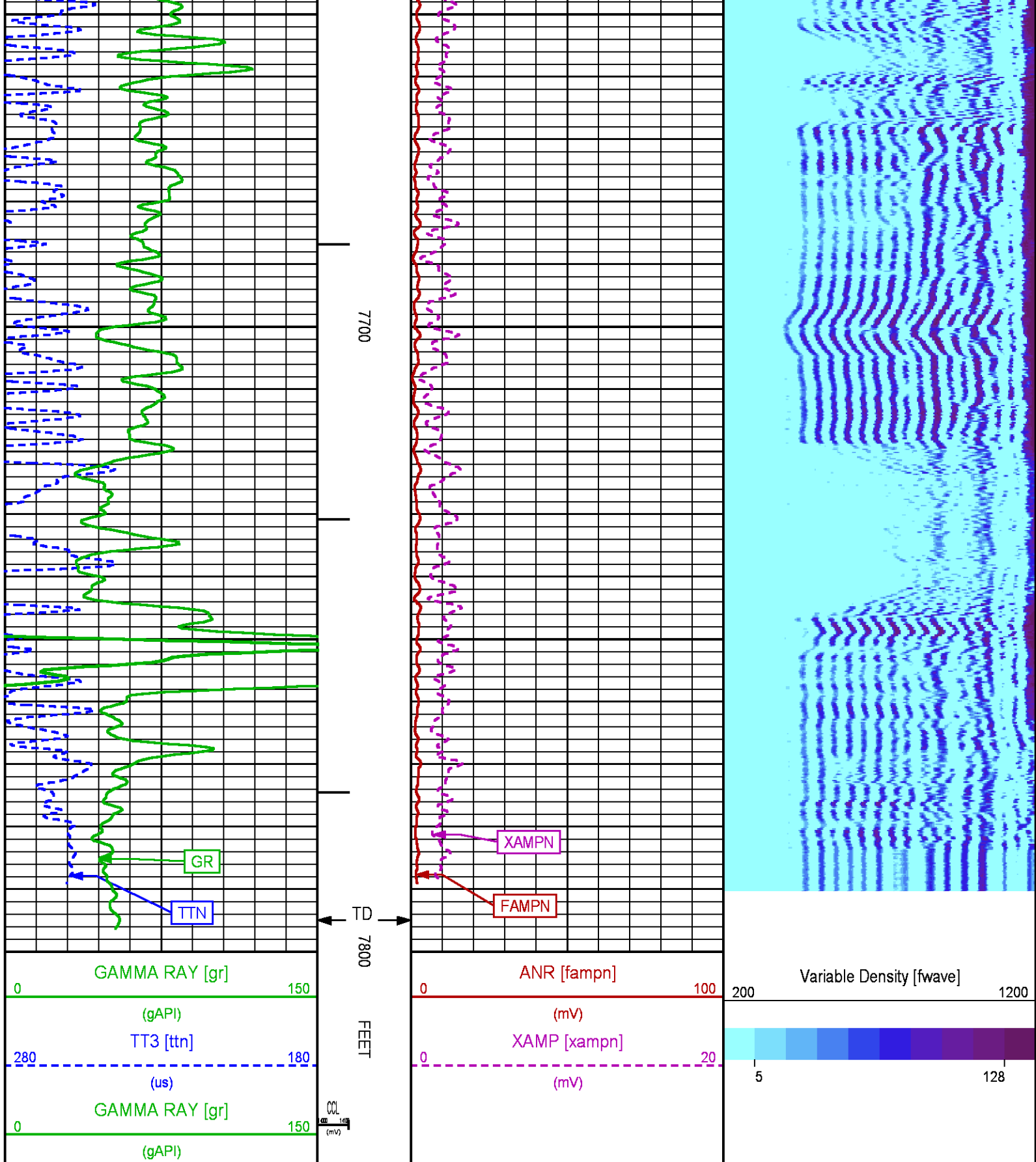












SECONDARY PRESENTATION 0 PSI

Plotted: Fri Feb 27 14:28:07 2015

PARAMETER AND FILTER SUMMARY REPORT					
FILE: /dat1a/CH094450/n012e02.prm LOGGING MODE: DEPTH                      DIRECTION: UP TOP DEPTH: 31.500 ft                      BOTTOM DEPTH: 7807.289 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*)	187	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	187	us	"	"
	AMP WINDOW START (fgp3*)	187	us	"	"
	AMP WINDOW START (fgp4*)	187	us	"	"
	AMP WINDOW START (fgp5*)	187	us	"	"
	AMP WINDOW START (fgp6*)	187	us	"	"
	AMP WINDOW START (fgp7*)	187	us	"	"
	AMP WINDOW START (fgp8*)	187	us	"	"
	AMP WINDOW START (fgpn*)	187	us	"	"
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	177	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*)	-67	us	"	"
	TOOL DELAY (str2*)	-67	us	"	"
	TOOL DELAY (str3*)	-67	us	"	"
	TOOL DELAY (str4*)	-67	us	"	"
	TOOL DELAY (str5*)	-67	us	"	"
	TOOL DELAY (str6*)	-67	us	"	"
	TOOL DELAY (str7*)	-67	us	"	"
	TOOL DELAY (str8*)	-67	us	"	"
	TOOL DELAY (strn*)	-67	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	"	"
	FULL BOND AMP REC 8	2	mV	"	"

CURVE DESCRIPTION REPORT					
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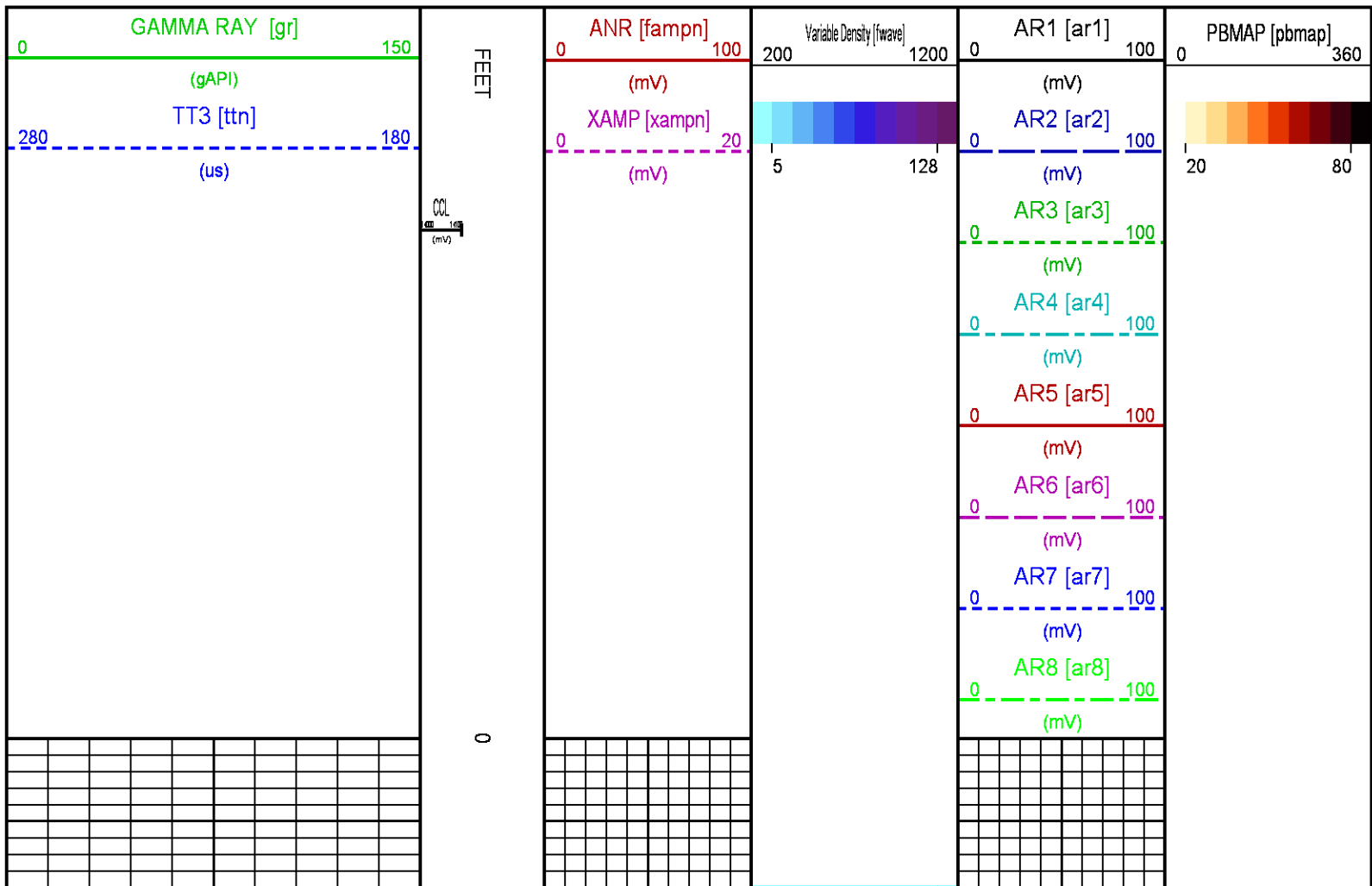
# CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Feb 27 10:48:12 2015	CASING COLLAR LOCATOR
F1:FAMPN	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Feb 27 10:48:12 2015	FAR WAVE FORM
F1:GR	Feb 27 10:48:12 2015	GAMMA RAY
F1:PBMAP	Feb 27 10:48:12 2015	PERCENT BOND CEMENT MAP
F1:TTN	Feb 27 10:48:12 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Feb 27 10:48:12 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

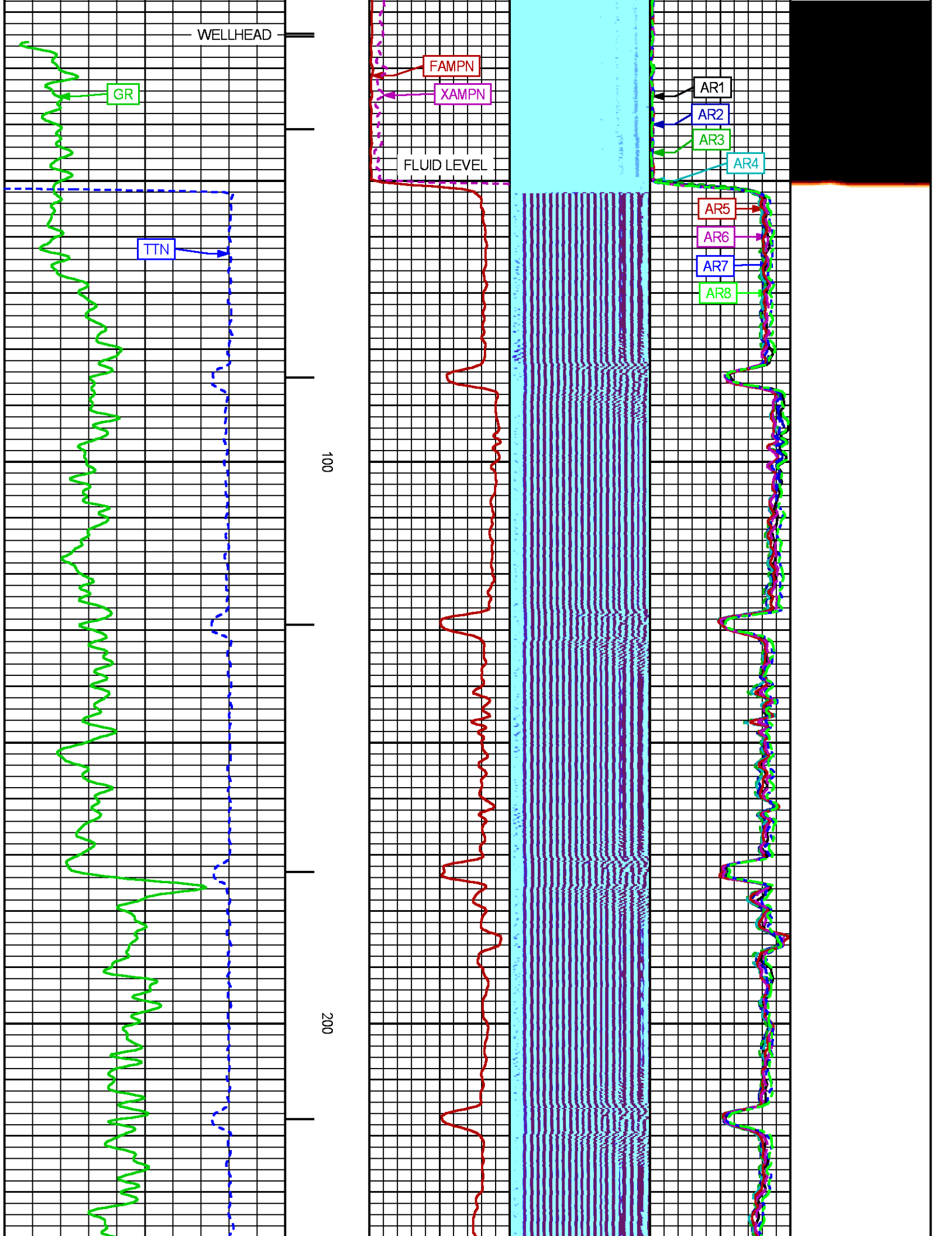
## CURVE MEASURE POINT OFFSET

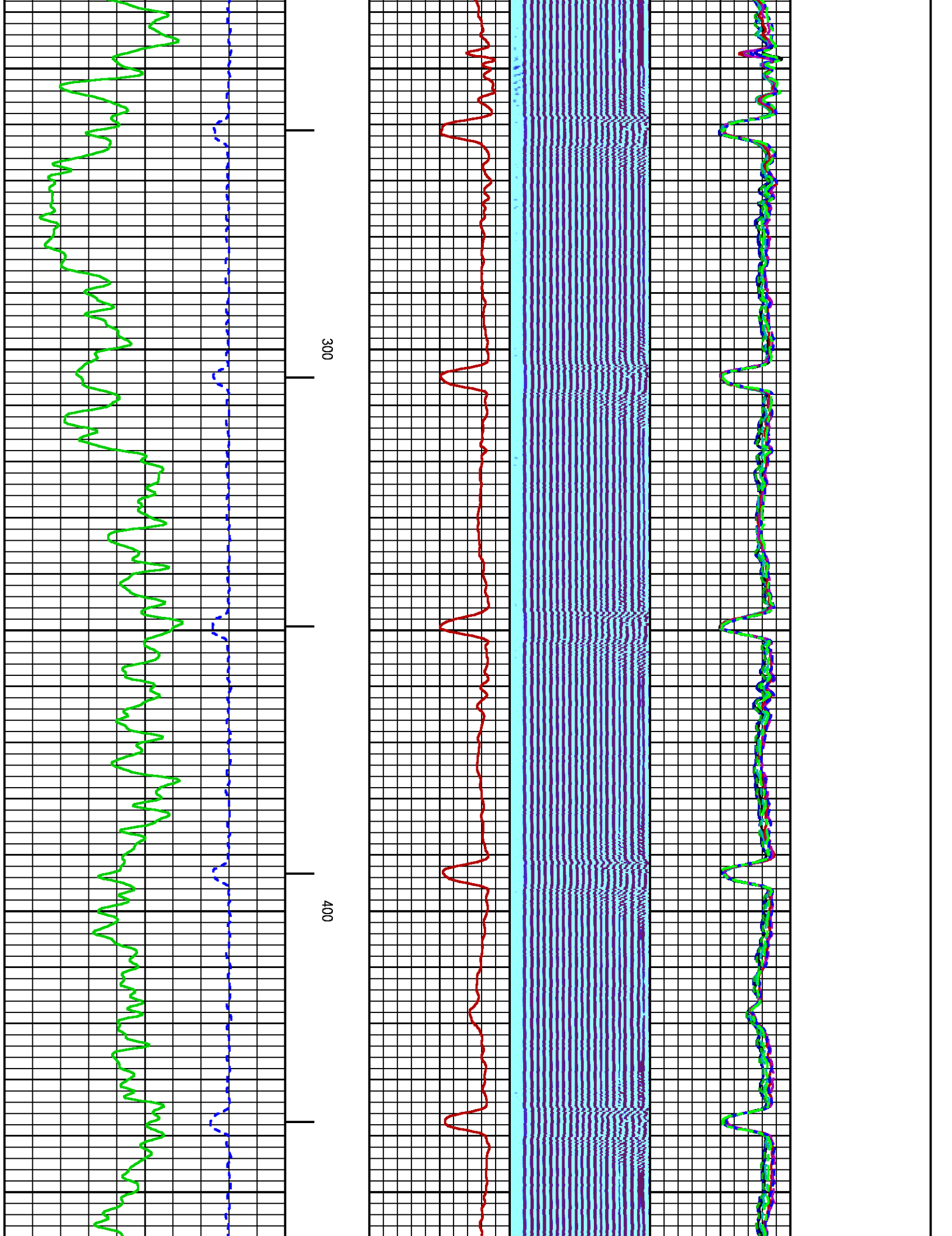
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		
AR4	13.75	AR8	13.75	TTN	13.75		

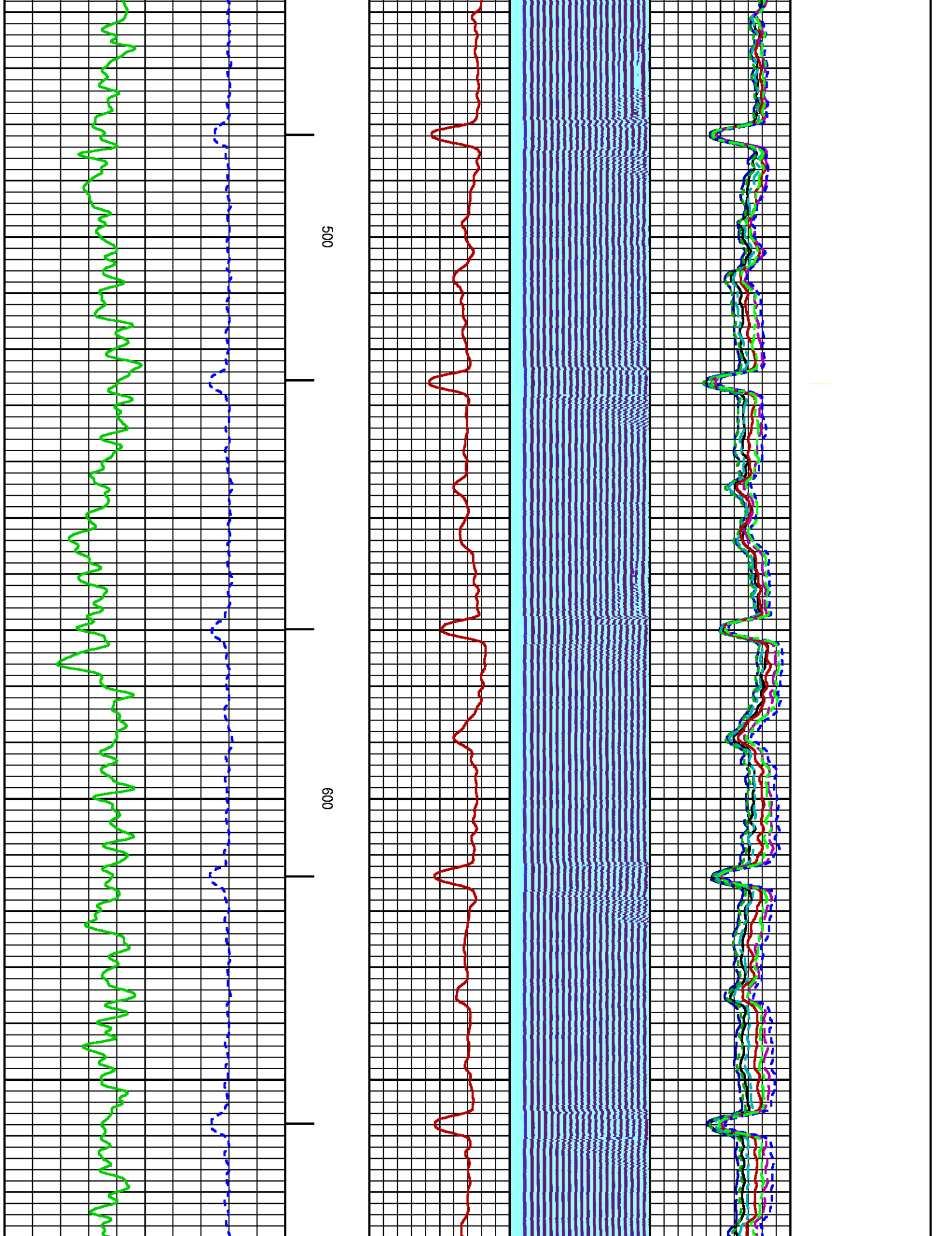
<b>Presentation</b>	: HL6670:/dat1a/CH094450/342CBL_SECONDARY.fvpdf [5"/100' Scale]
<b>Plot Interval</b>	: 0 - 7800 Feet
<b>Data File 1</b>	: F1 : HL6670:/dat1a/CH094450/342CBL_MAIN.xtf
<b>Created On</b>	: Feb 27 10:48:12 2015
<b>Company</b>	: WPX ENERGY
<b>Well</b>	: WPX ENERGY GM 342-28
<b>Field</b>	: GRAND VALLEY
<b>File Interval</b>	: 16.75 - 7804 Feet
<b>OCT</b>	: n012e

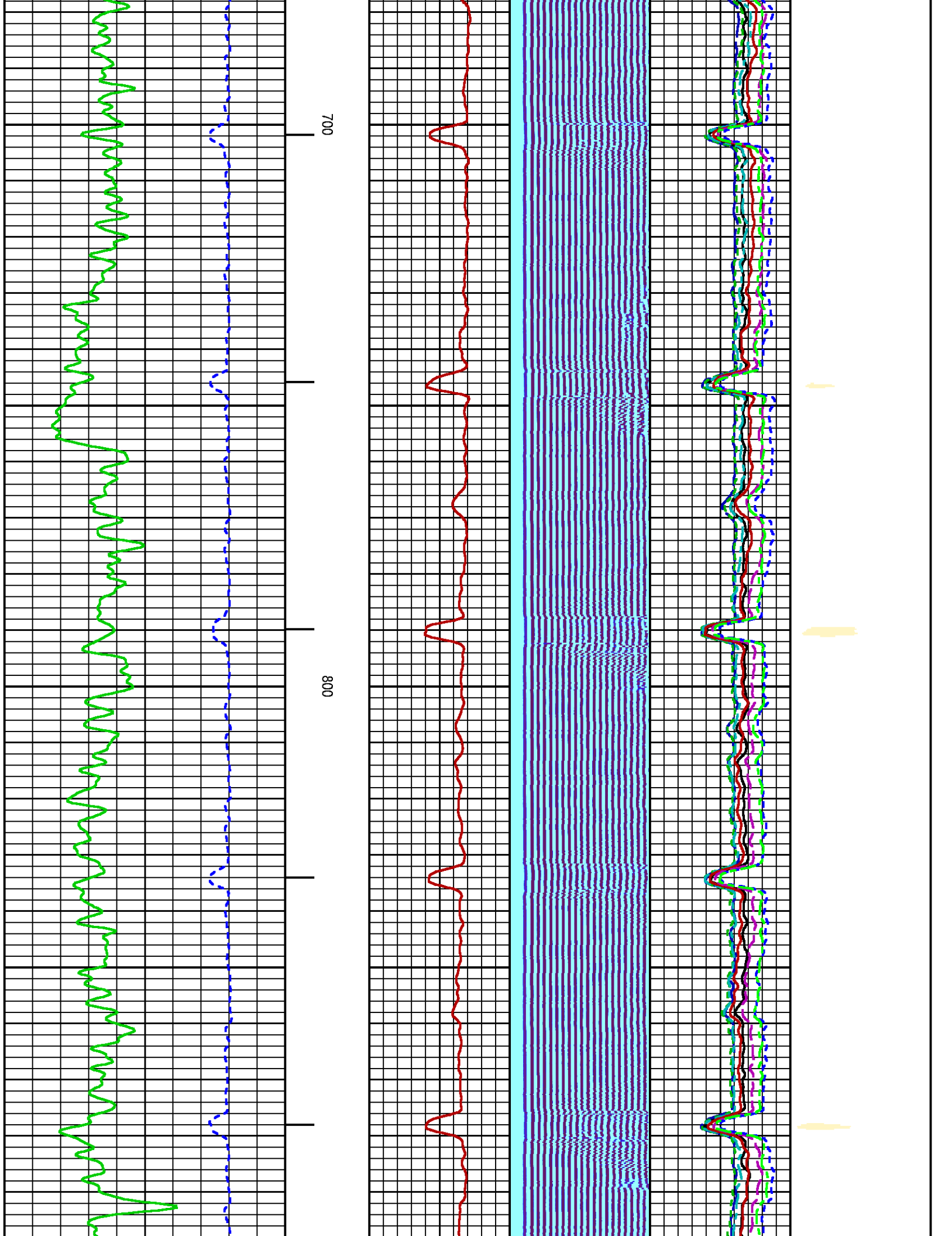




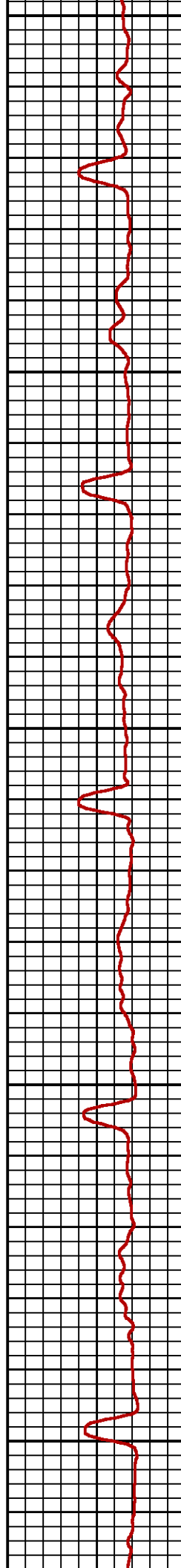
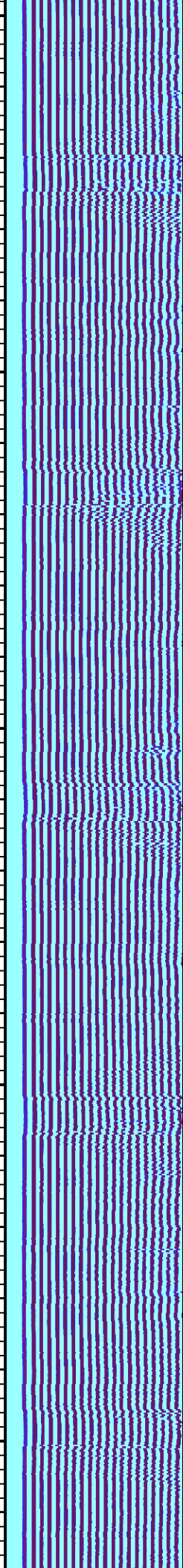
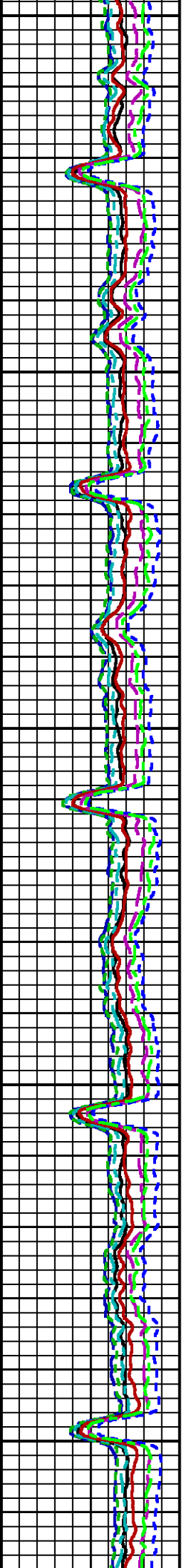








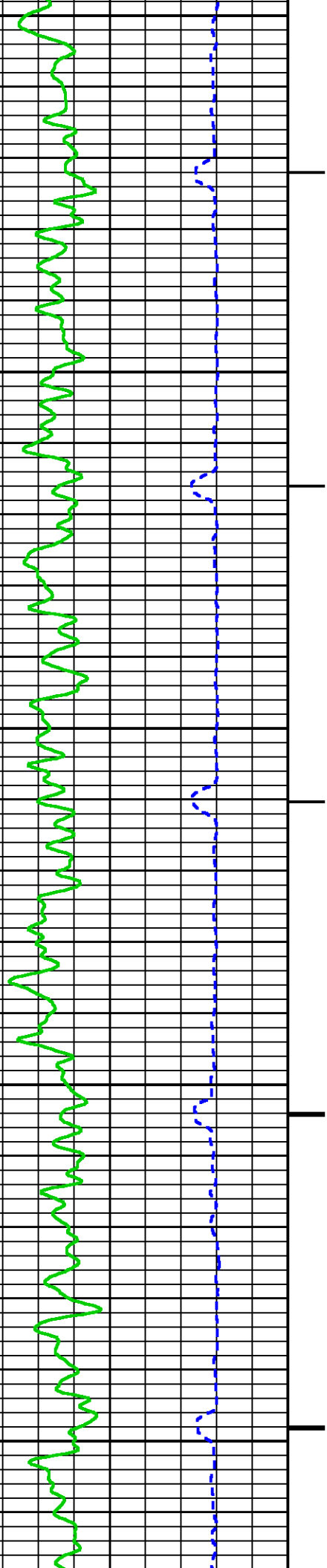


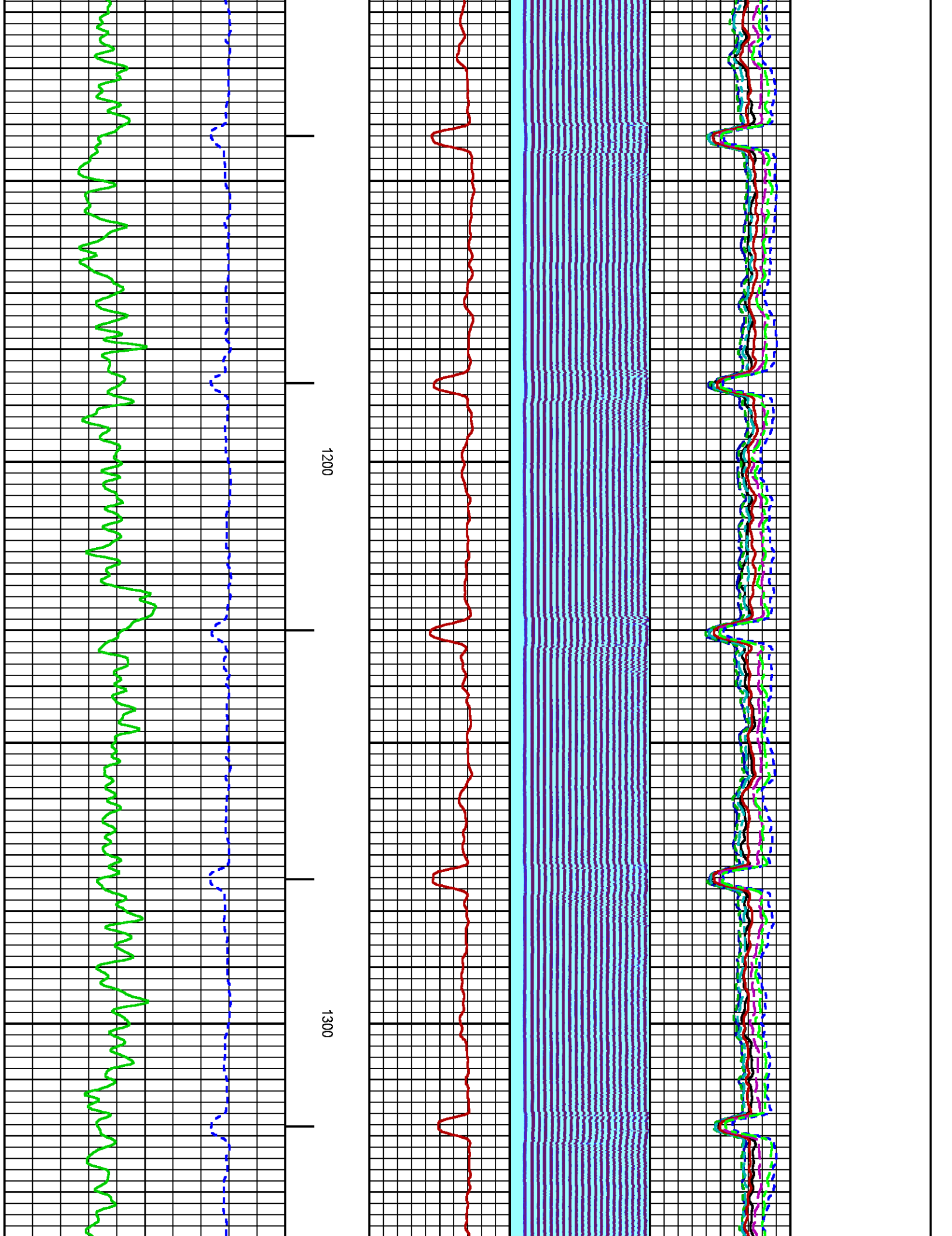


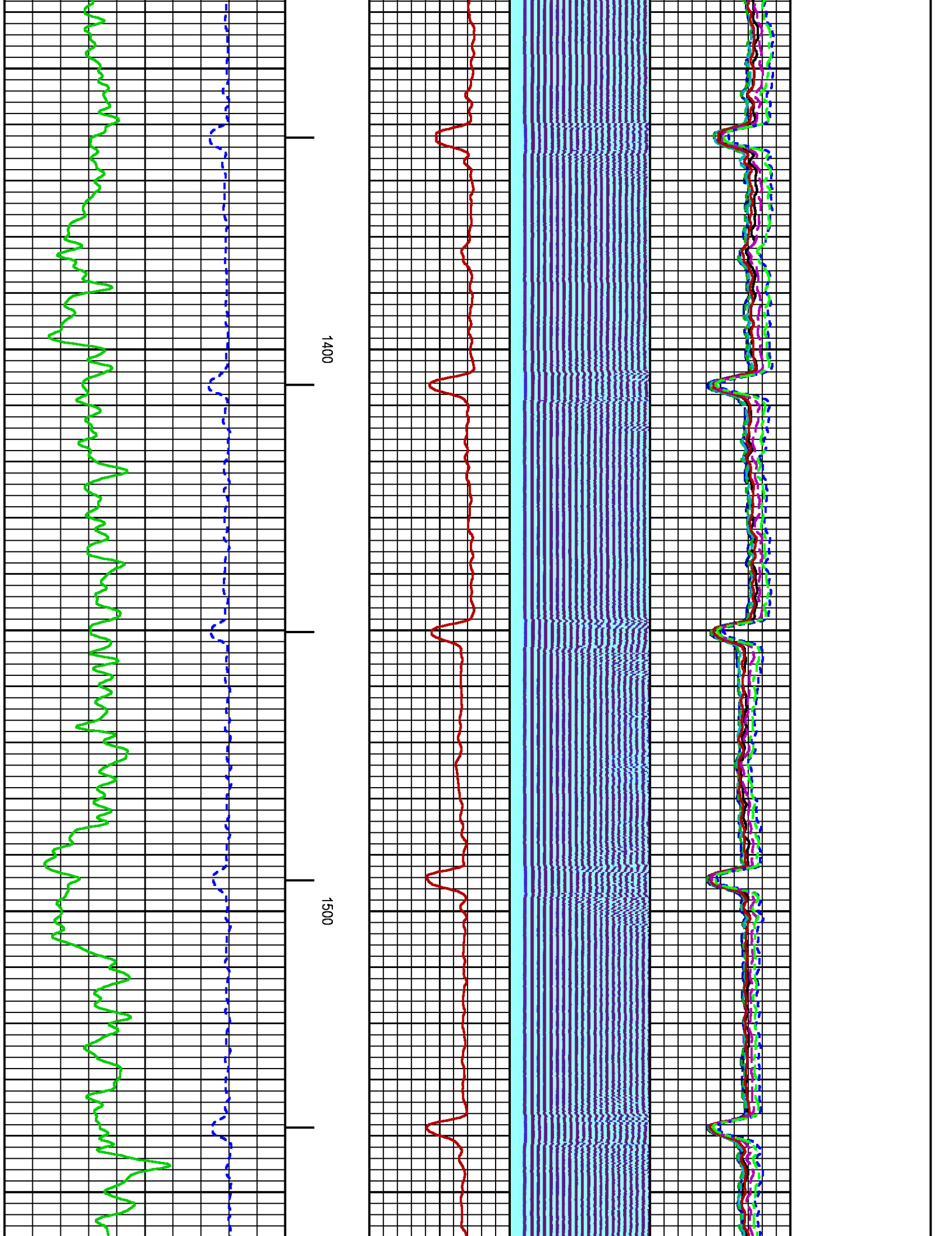
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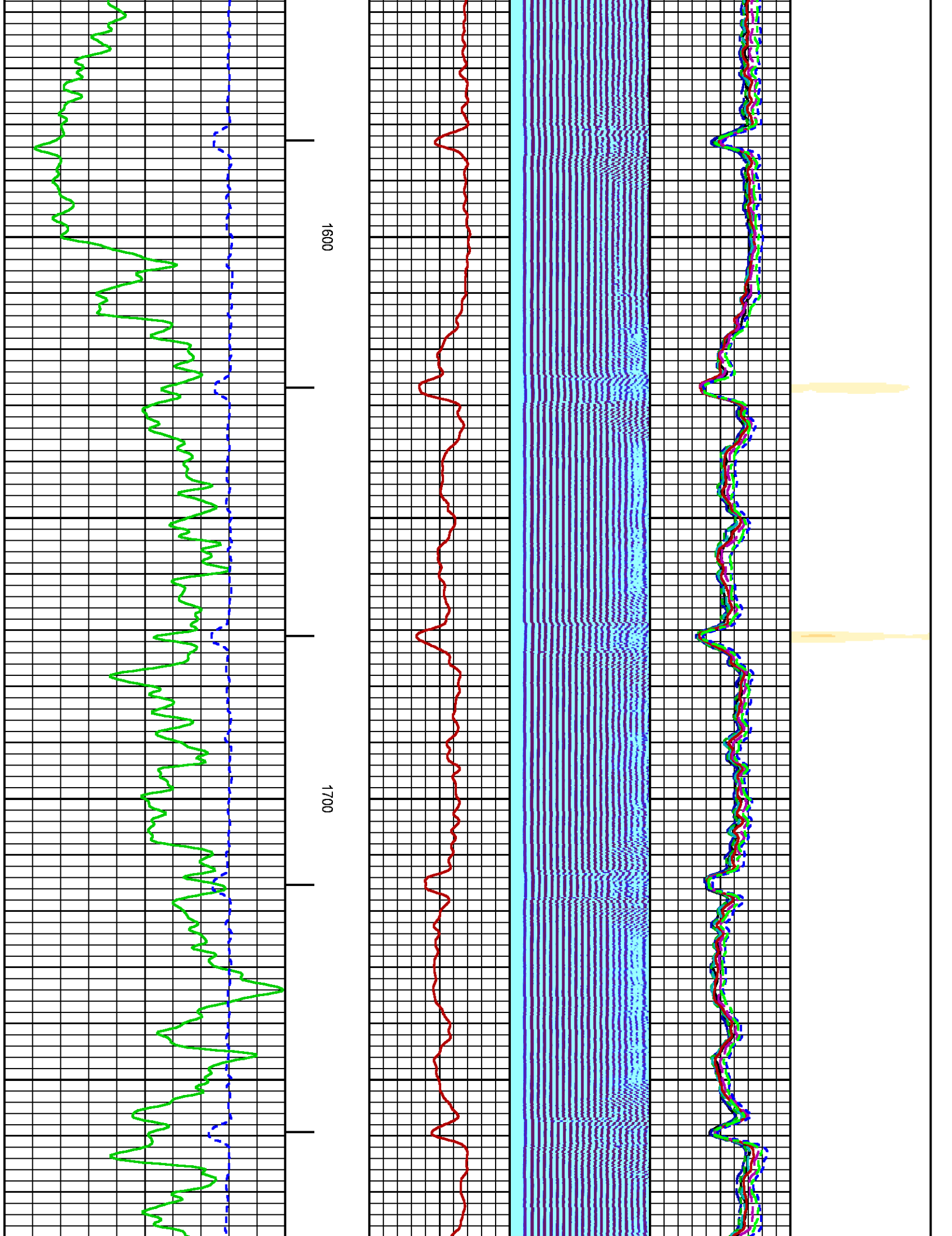
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1100

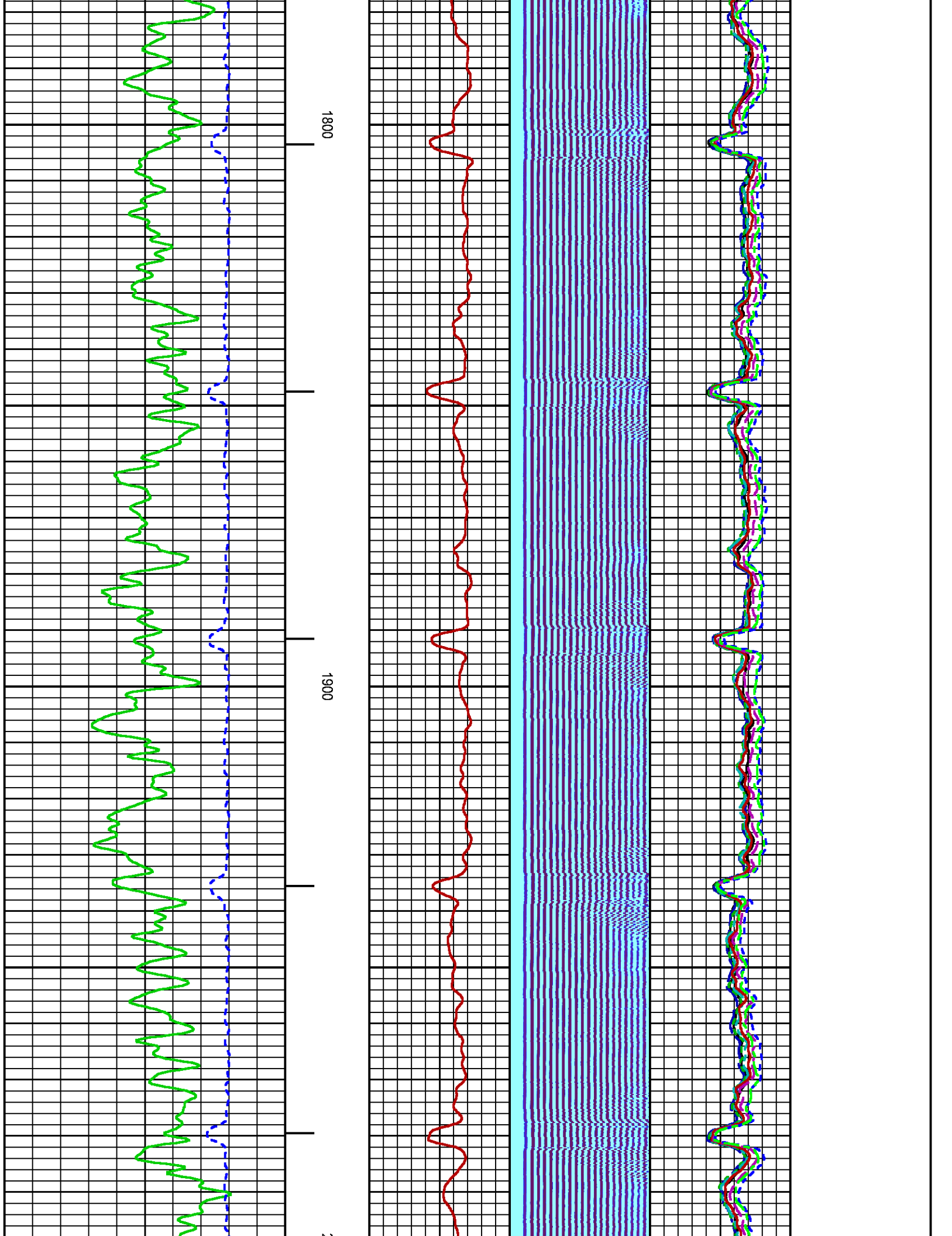


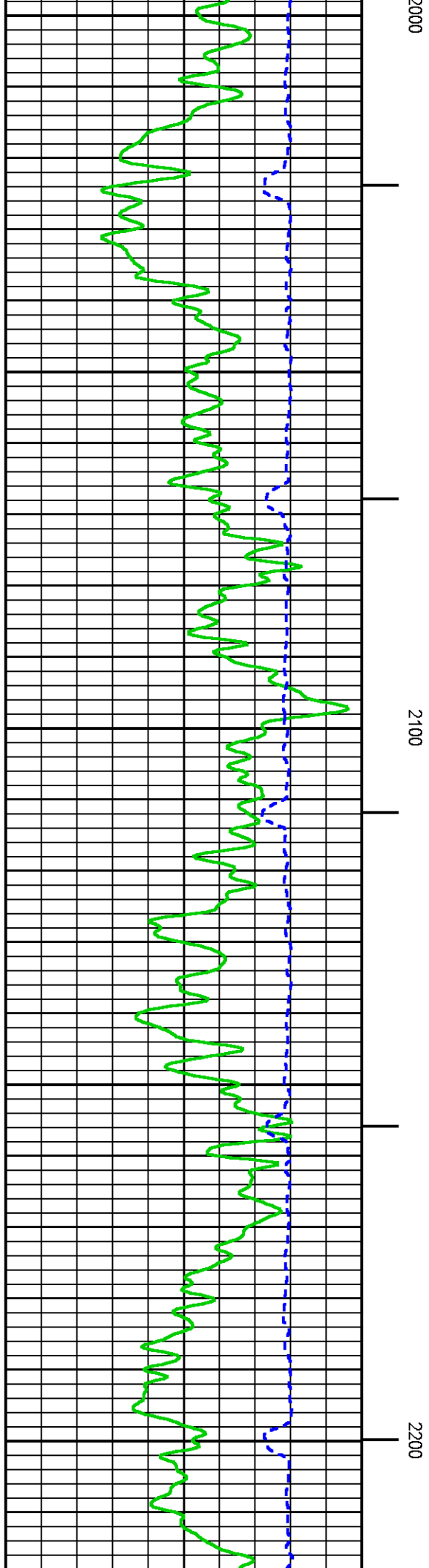
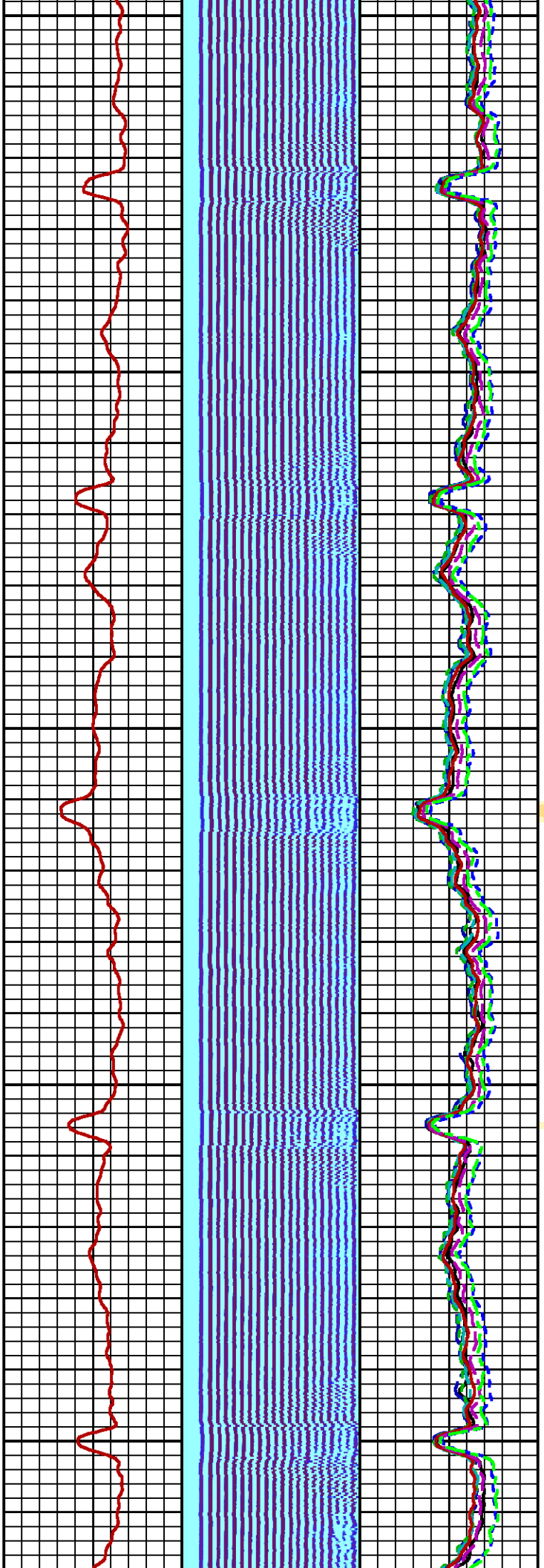


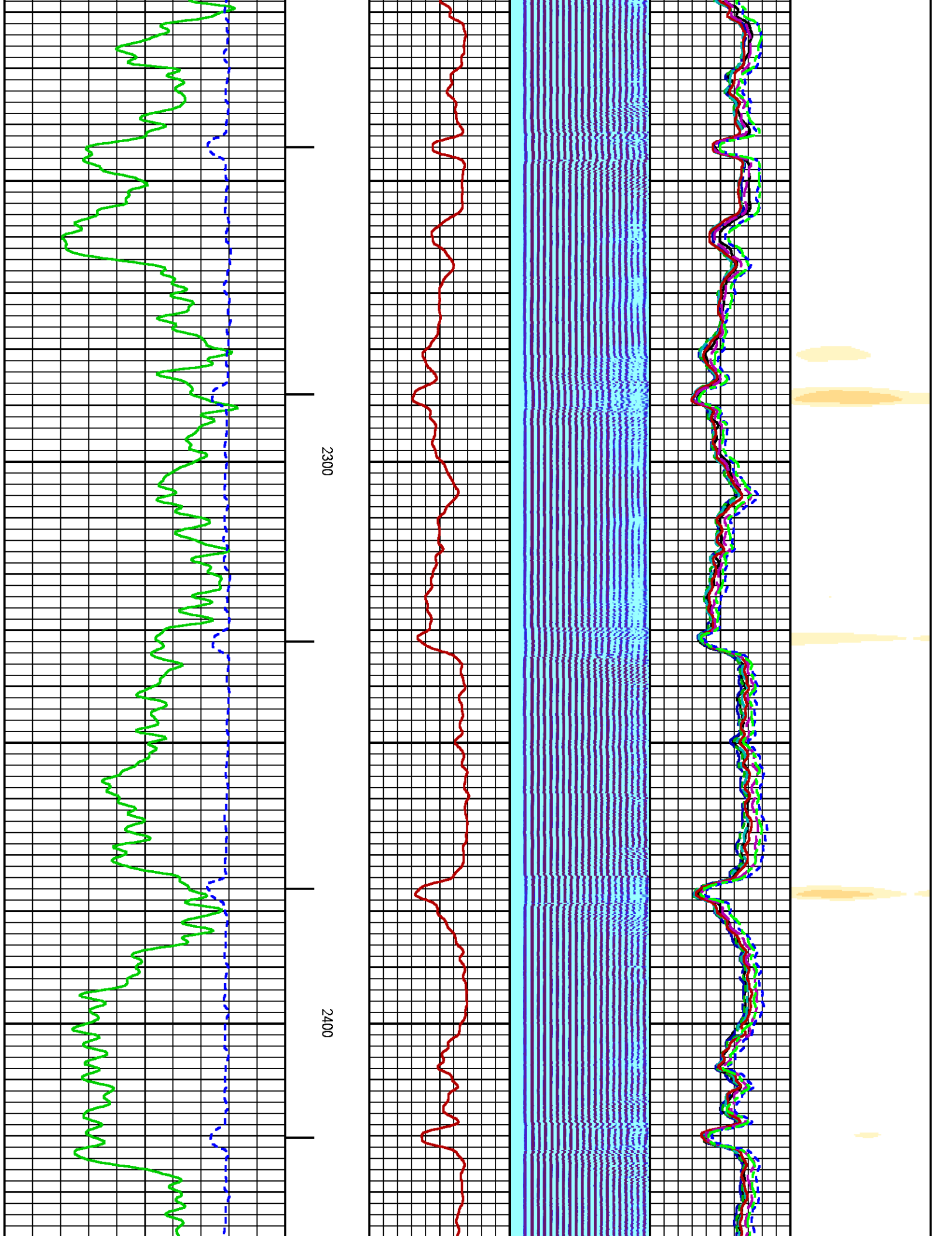


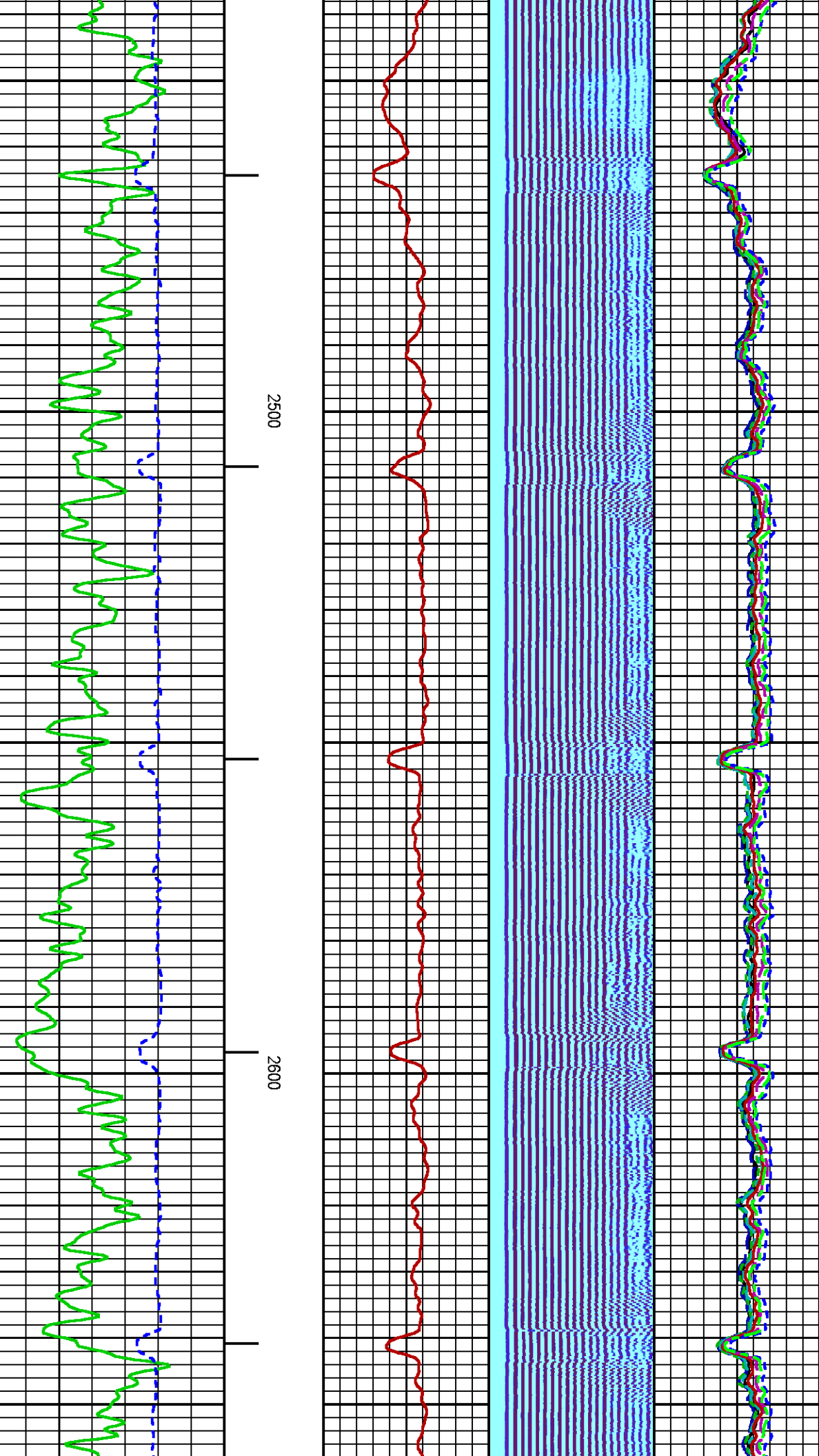




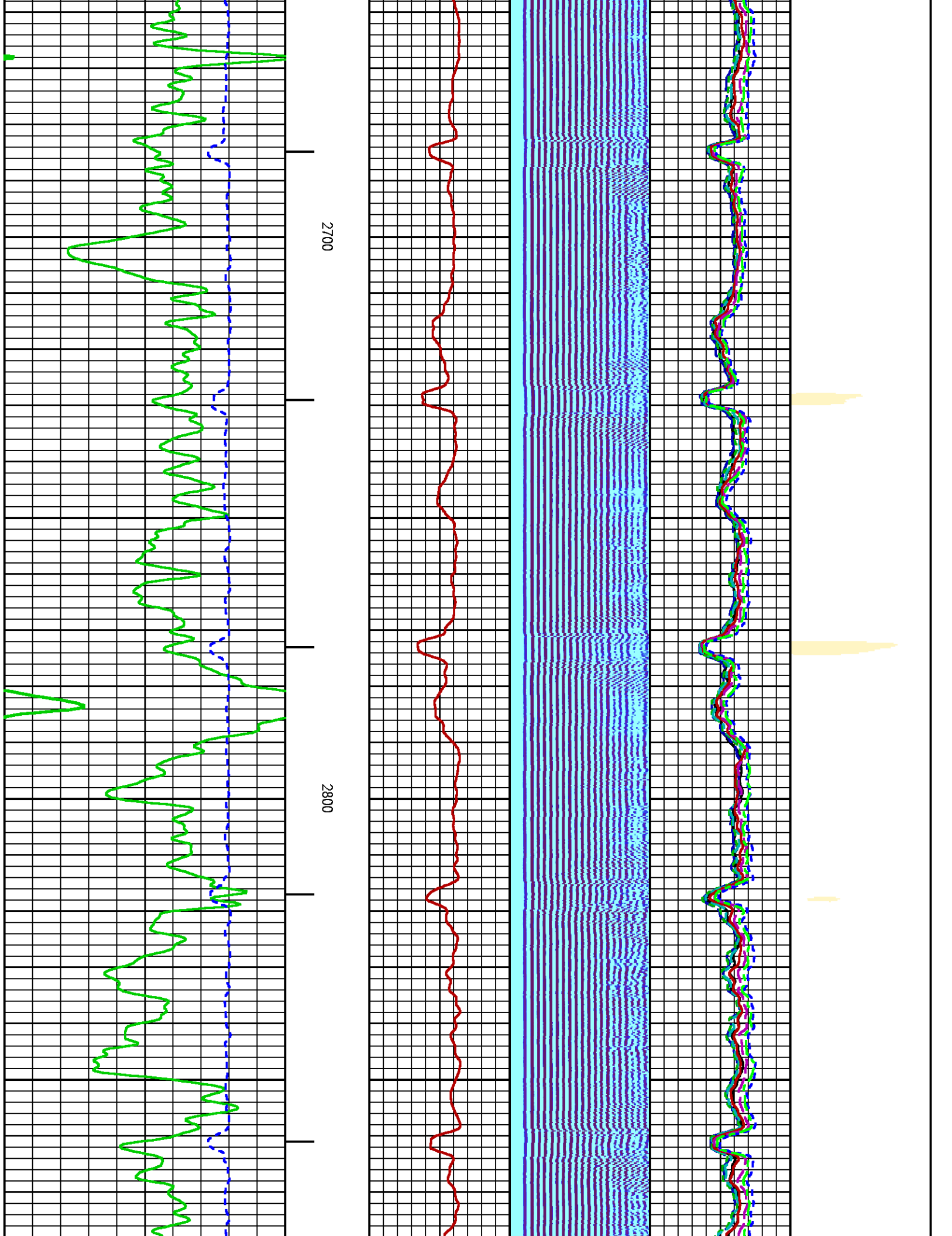


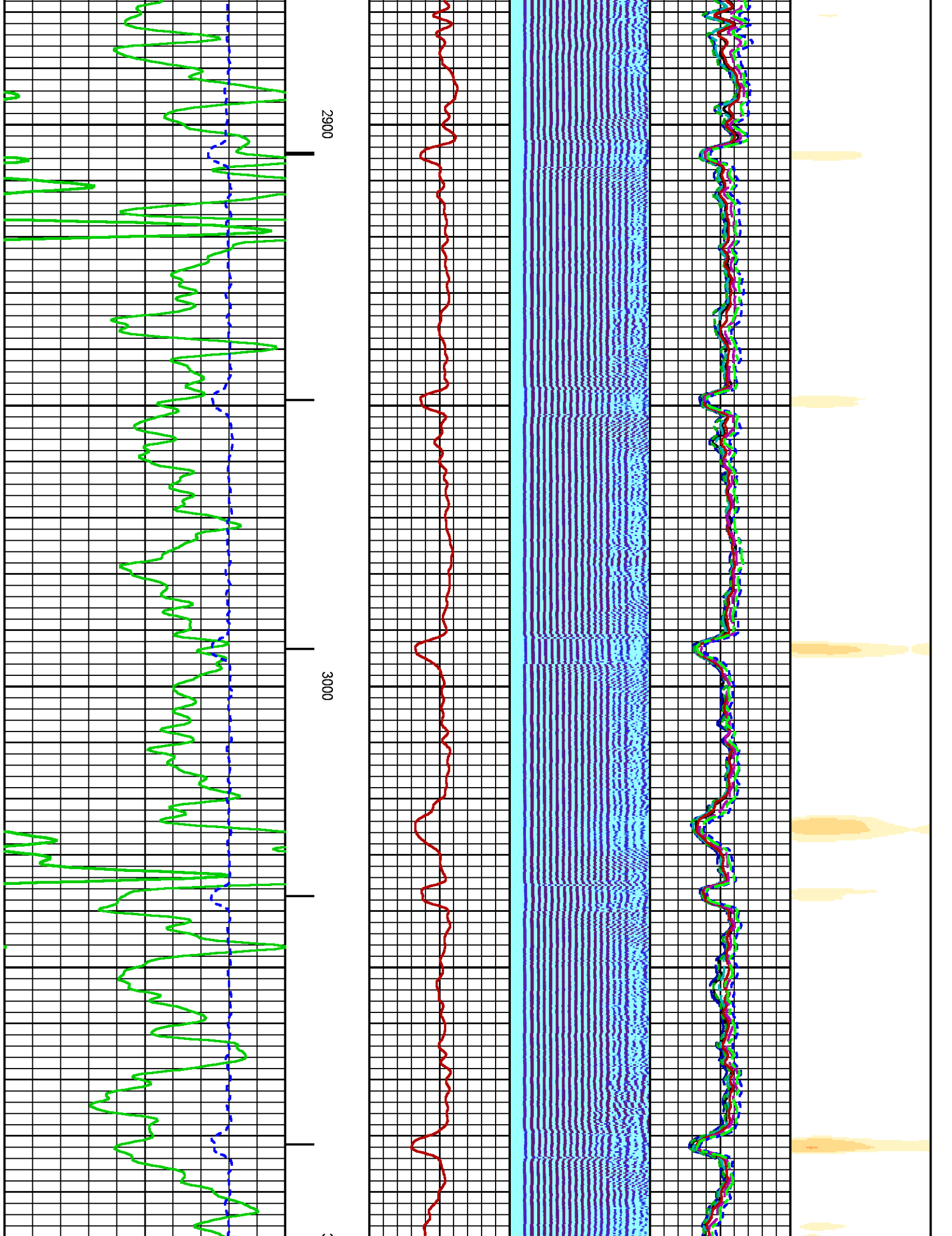


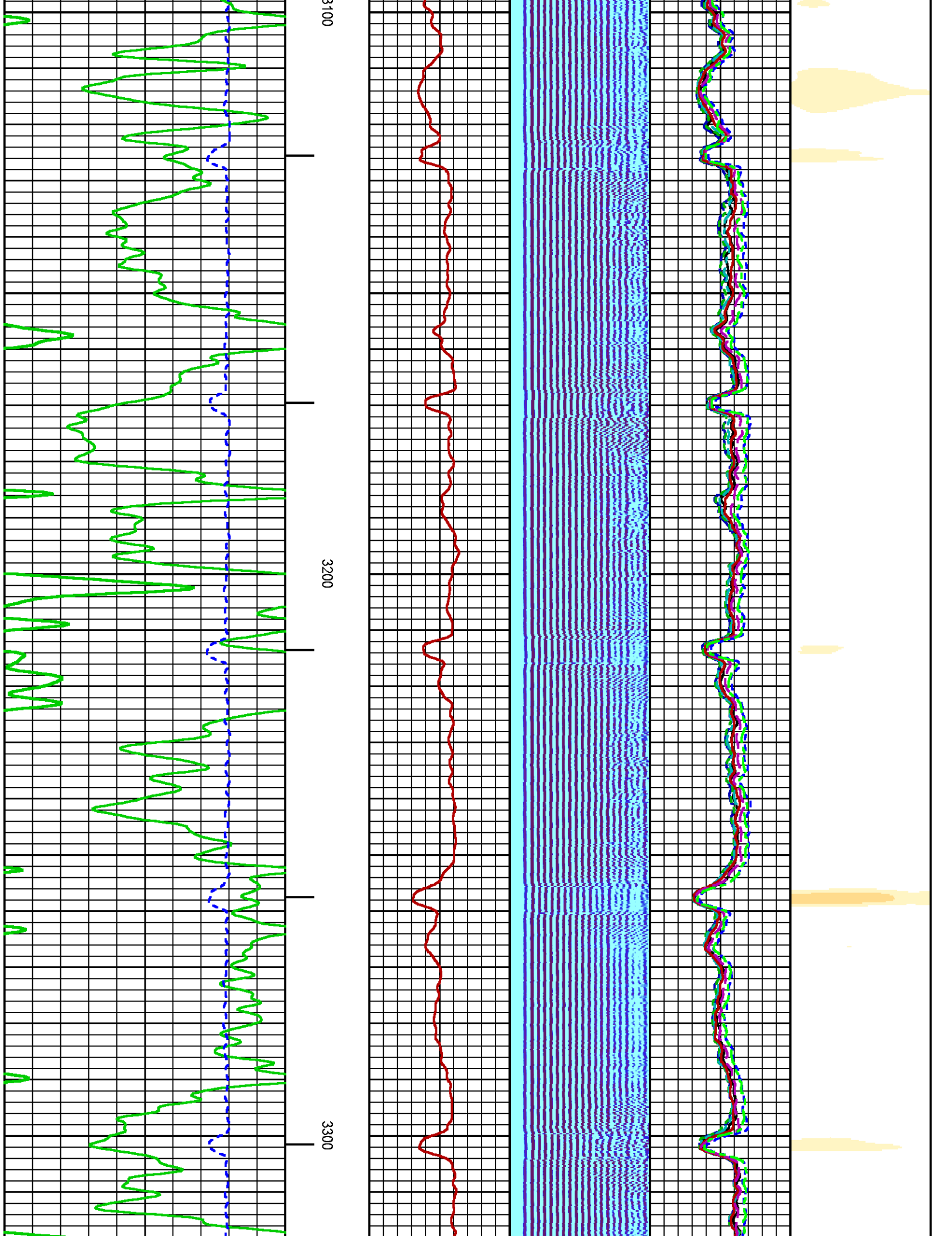


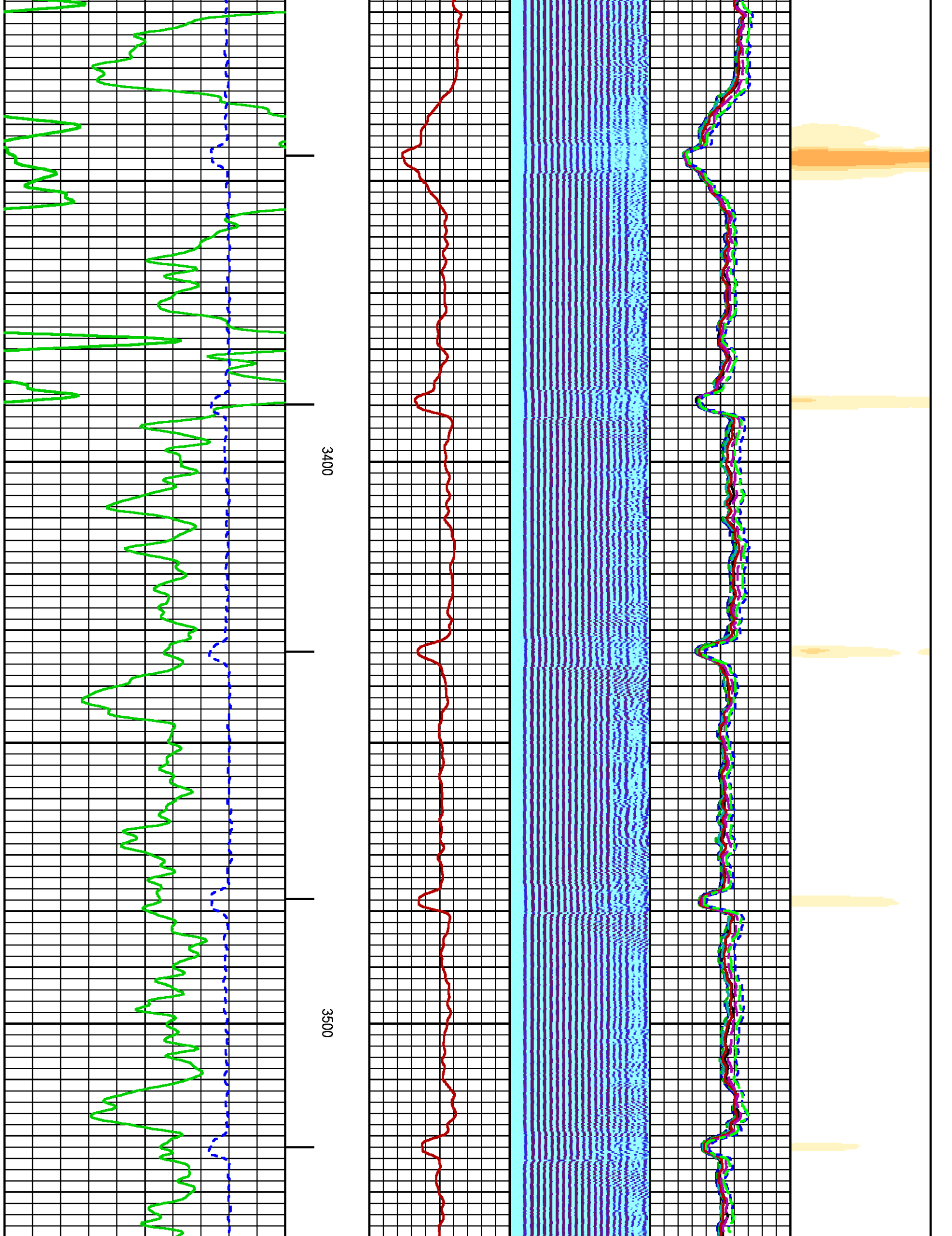




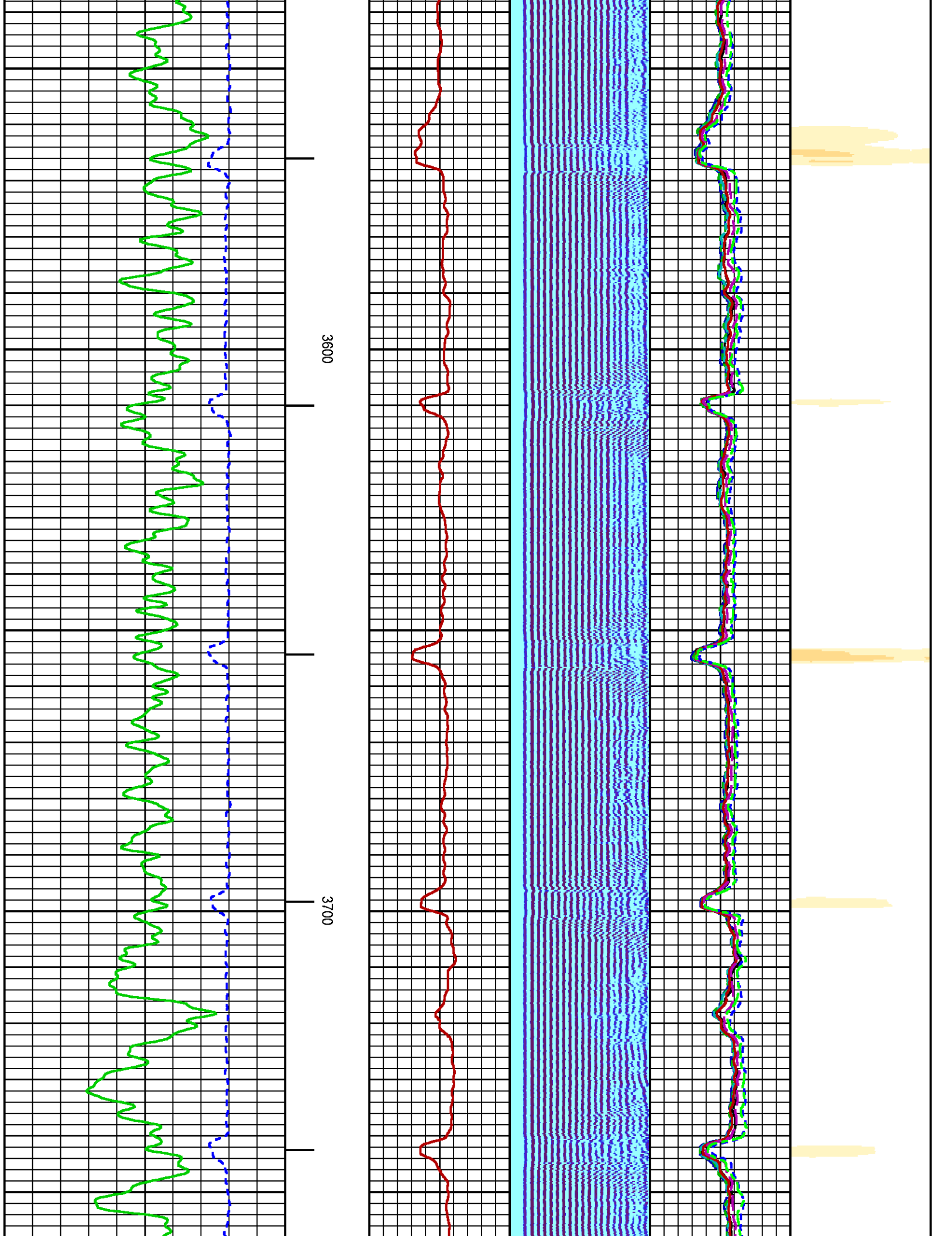


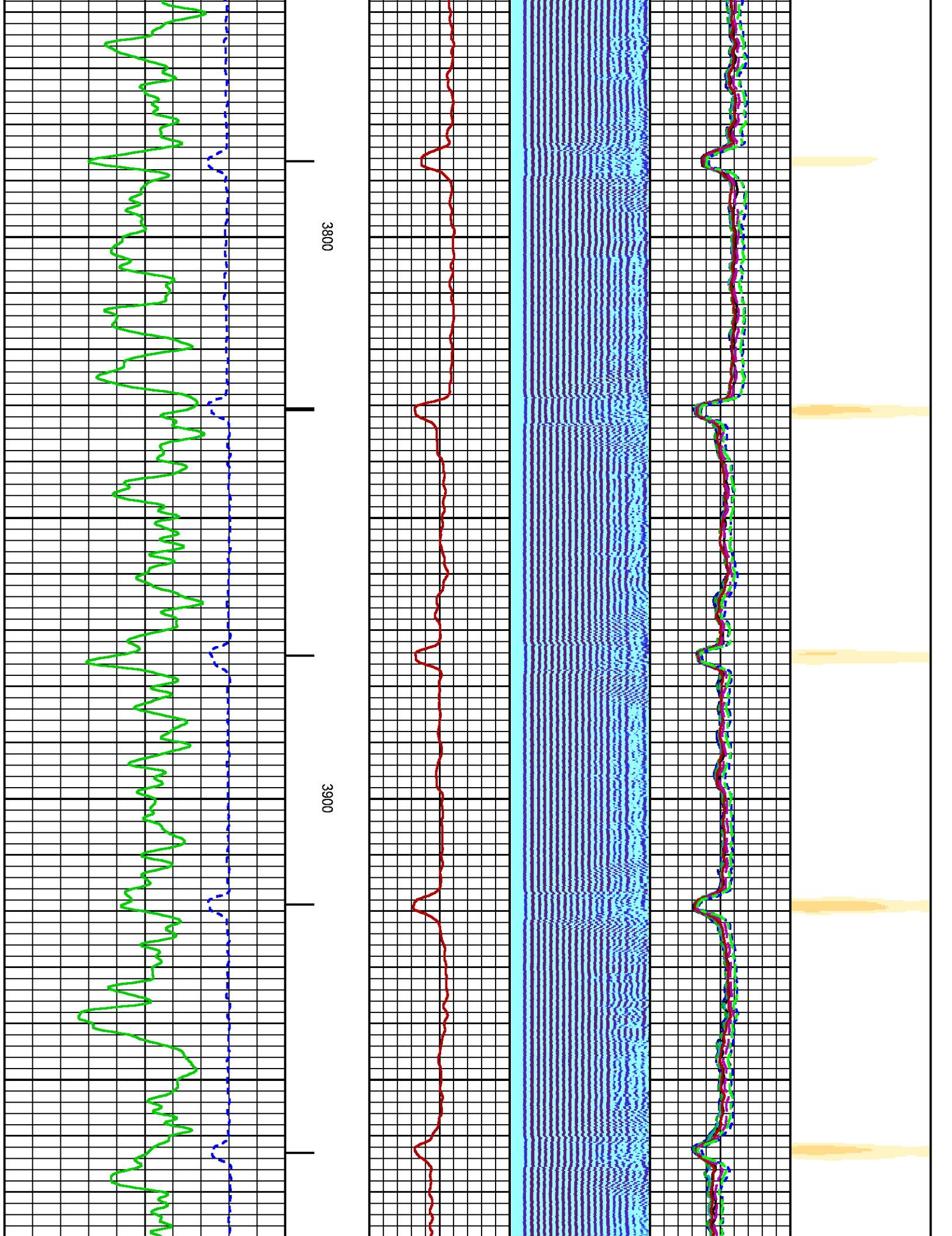


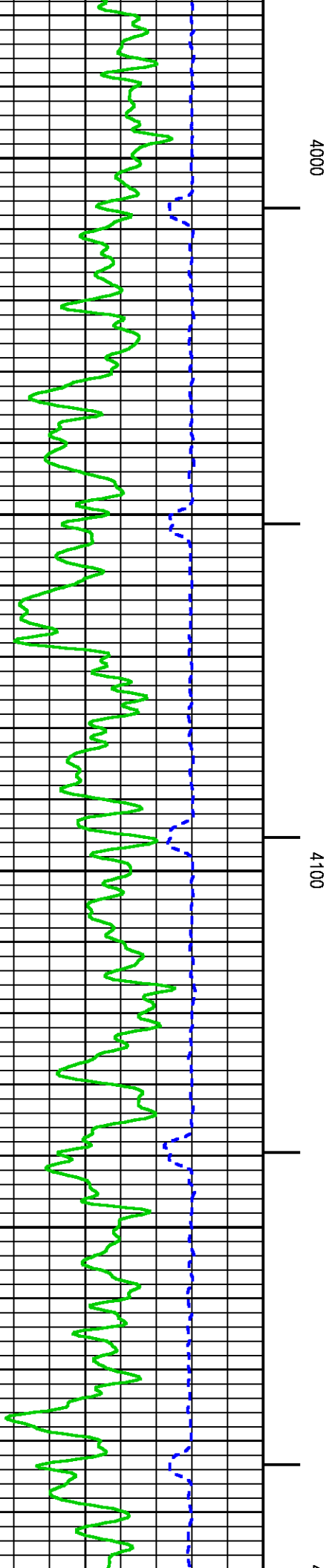
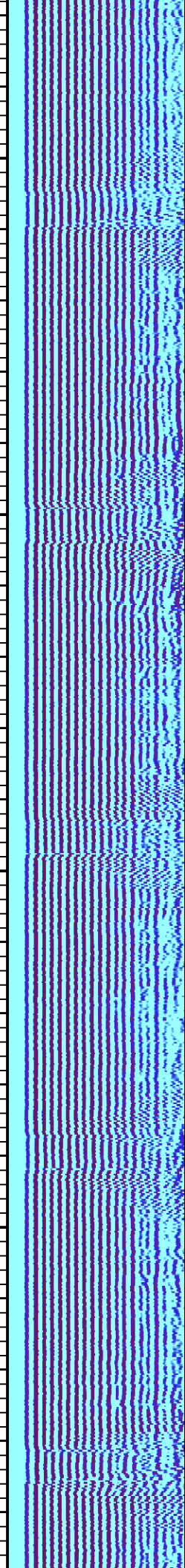
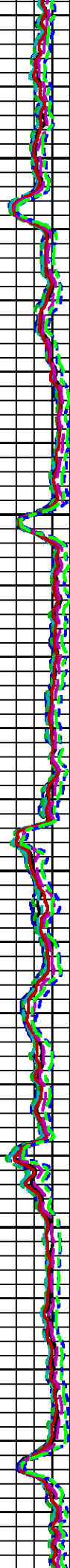
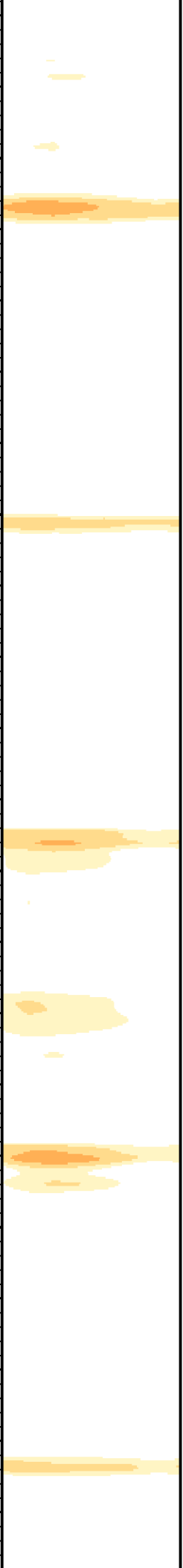


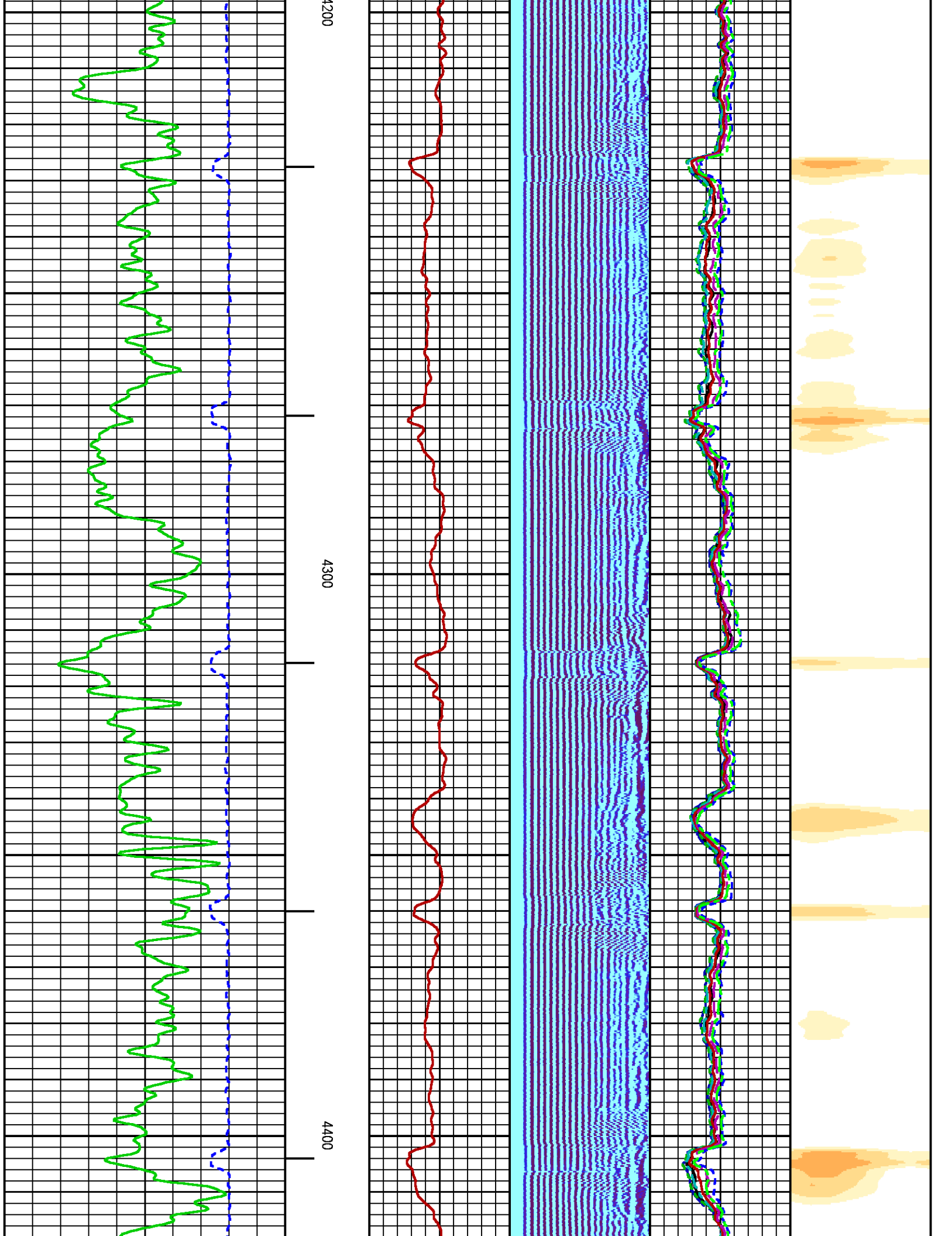




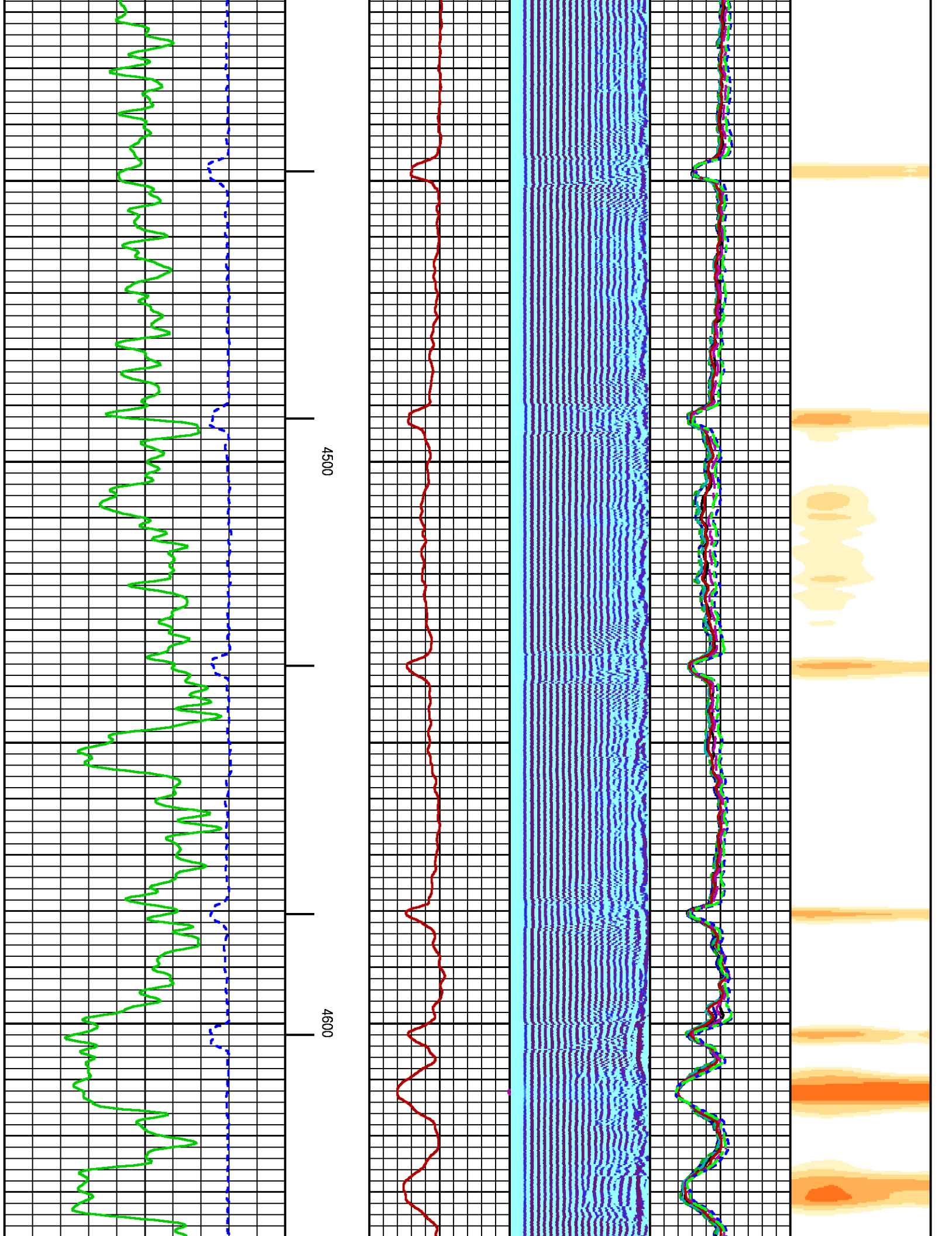


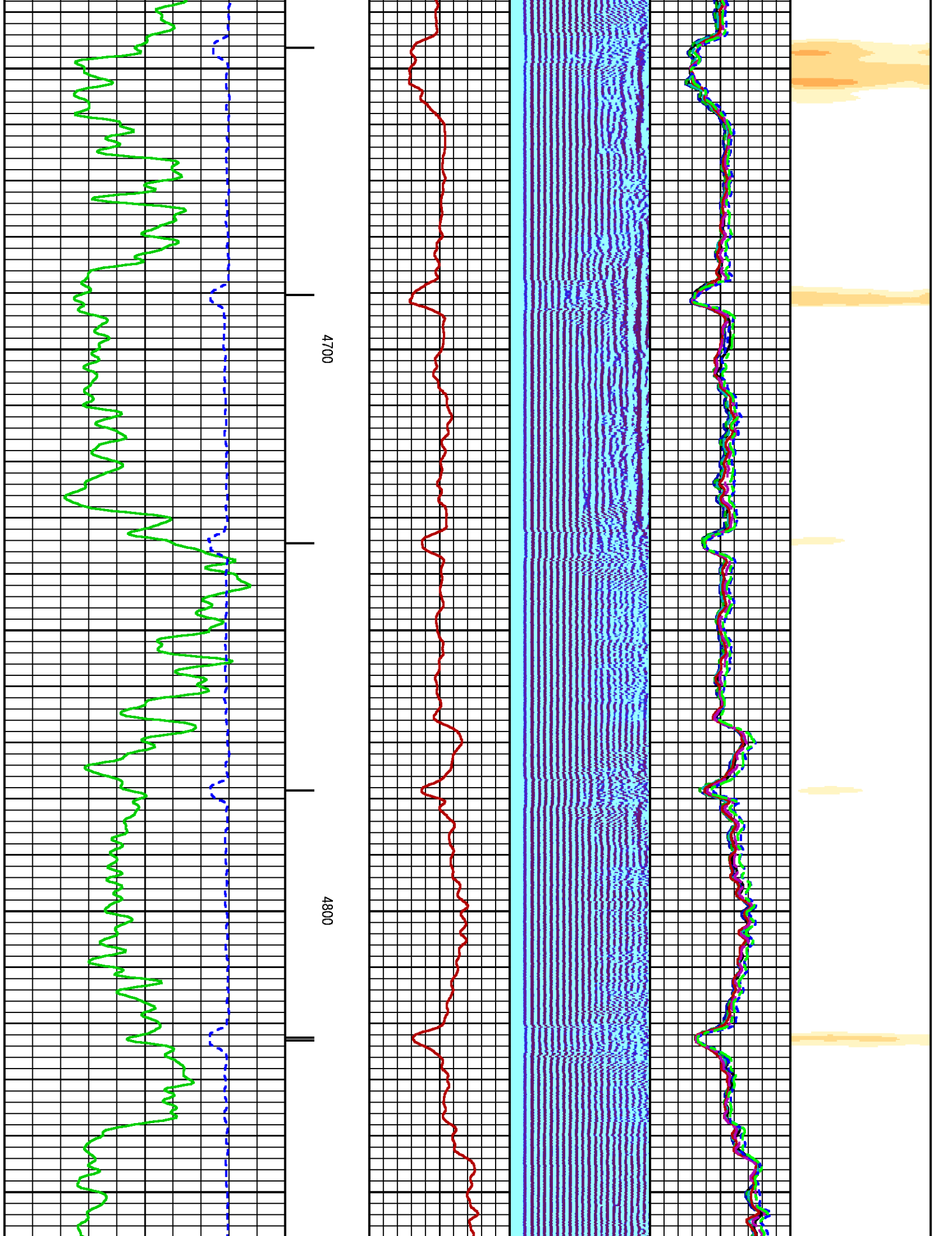


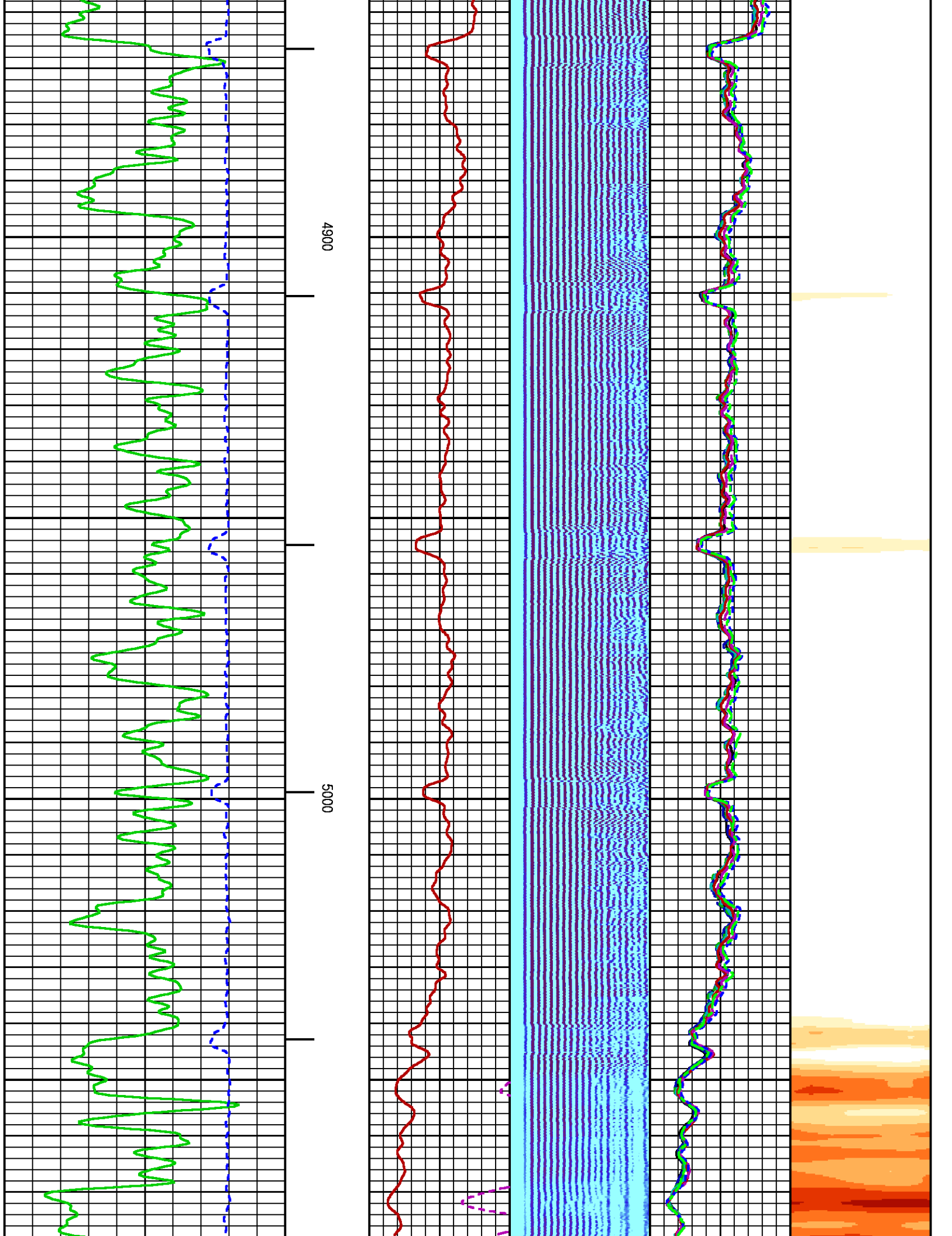


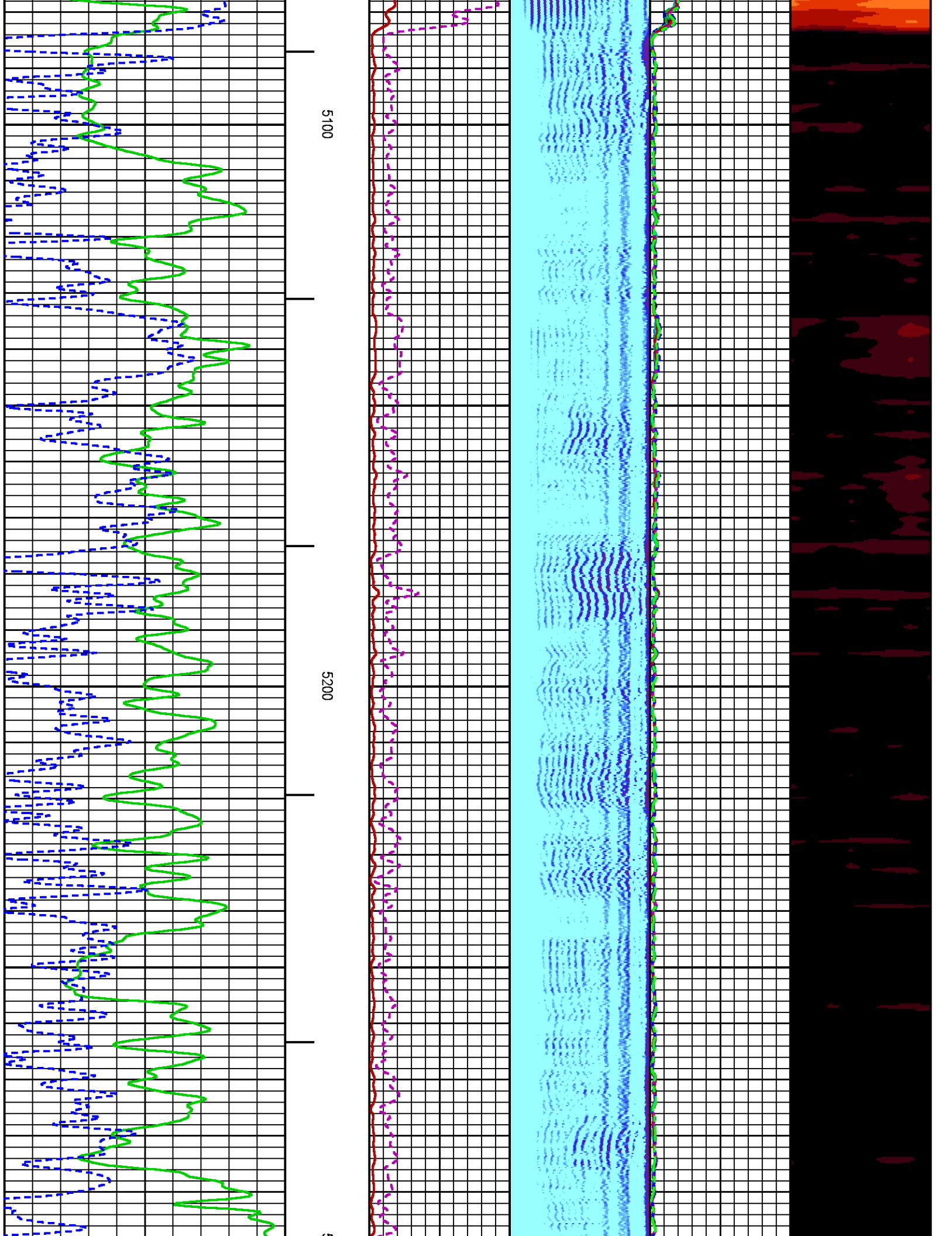




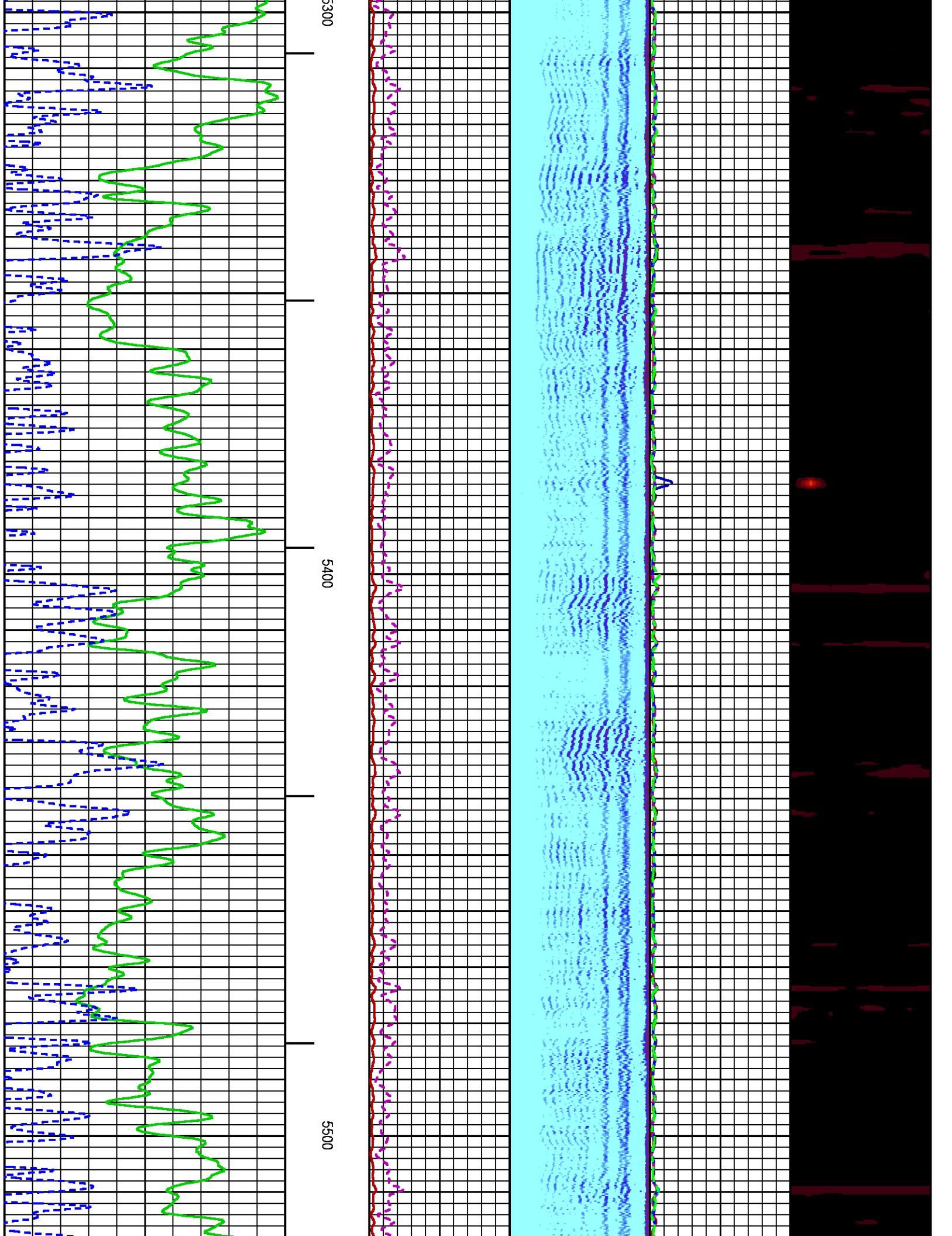


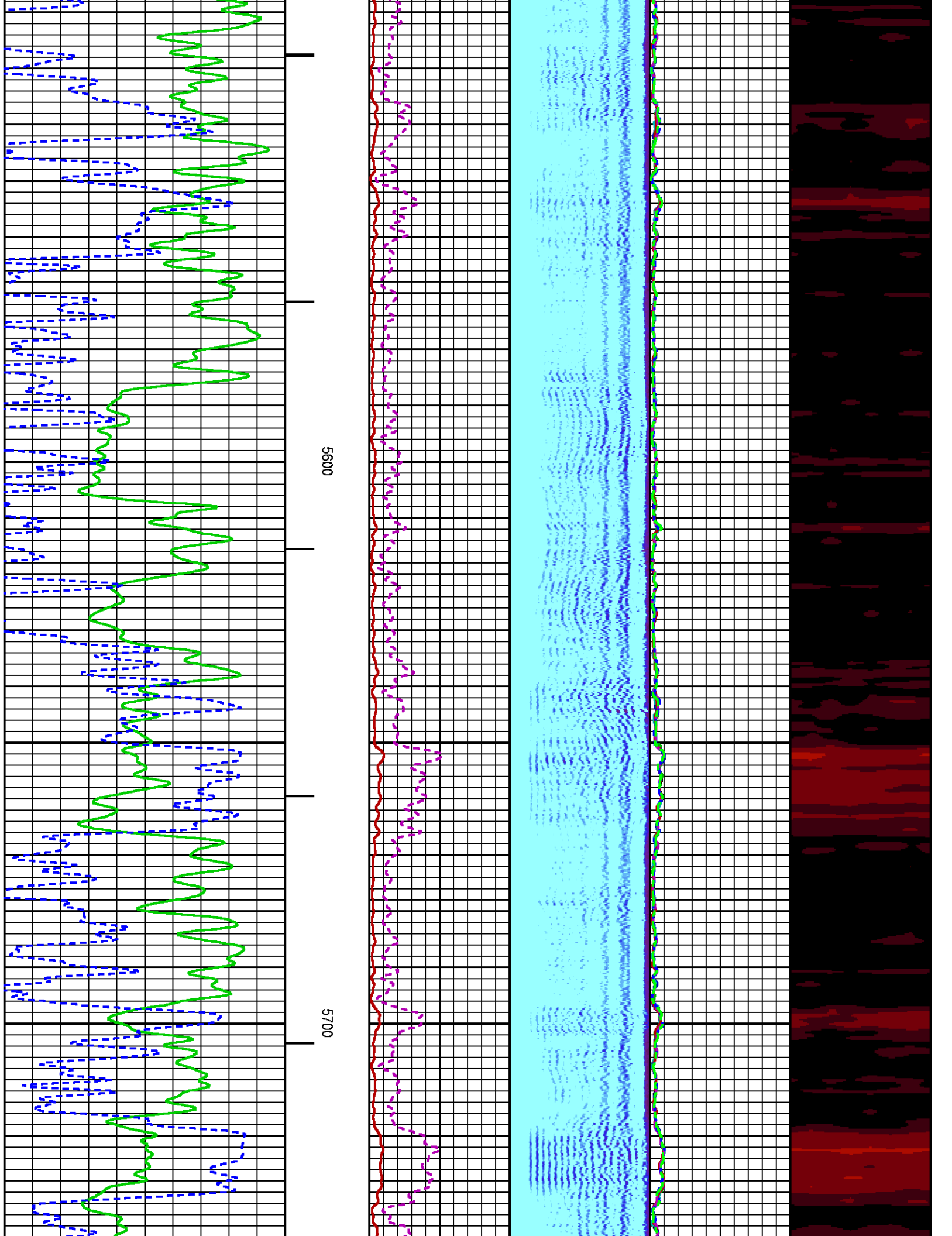


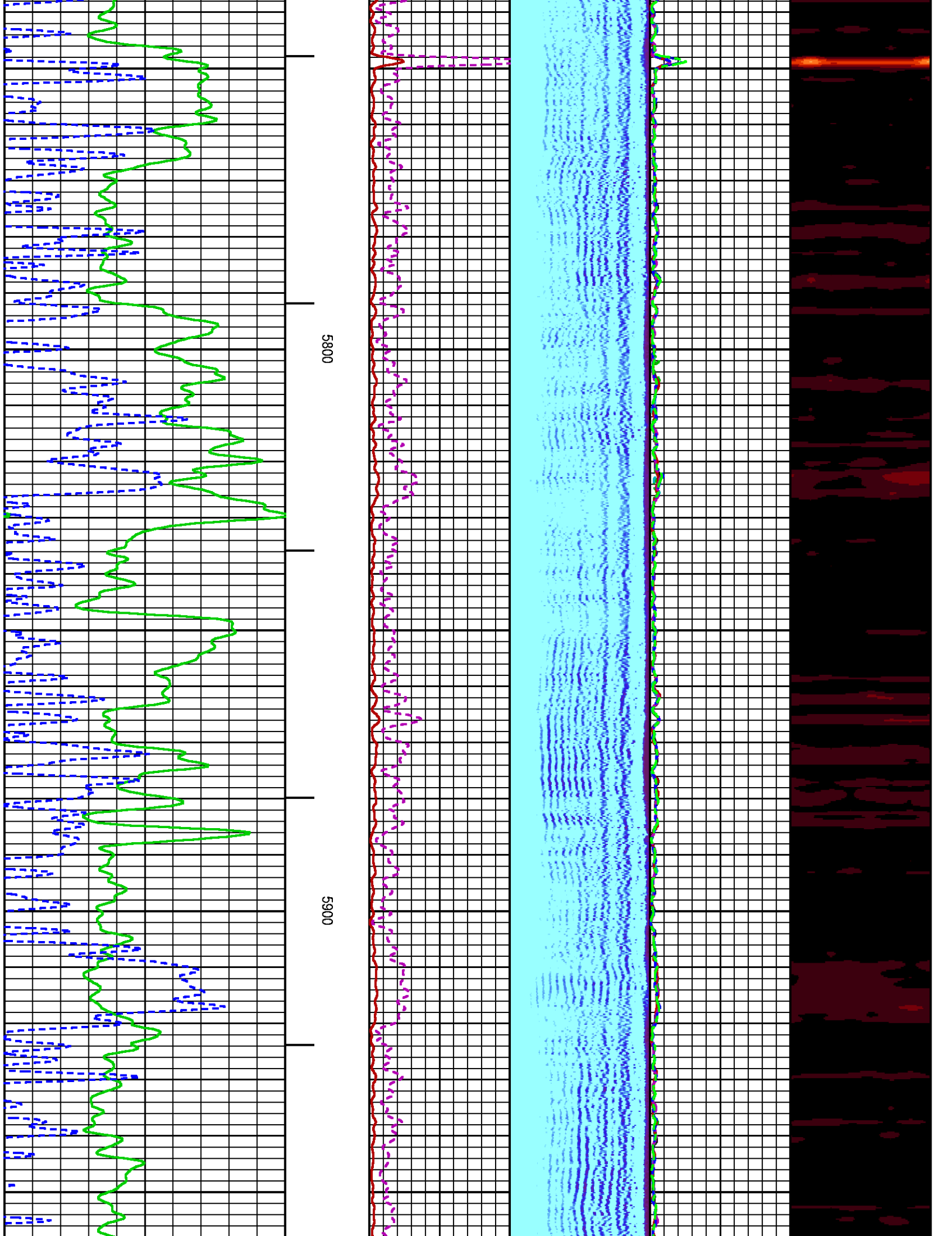


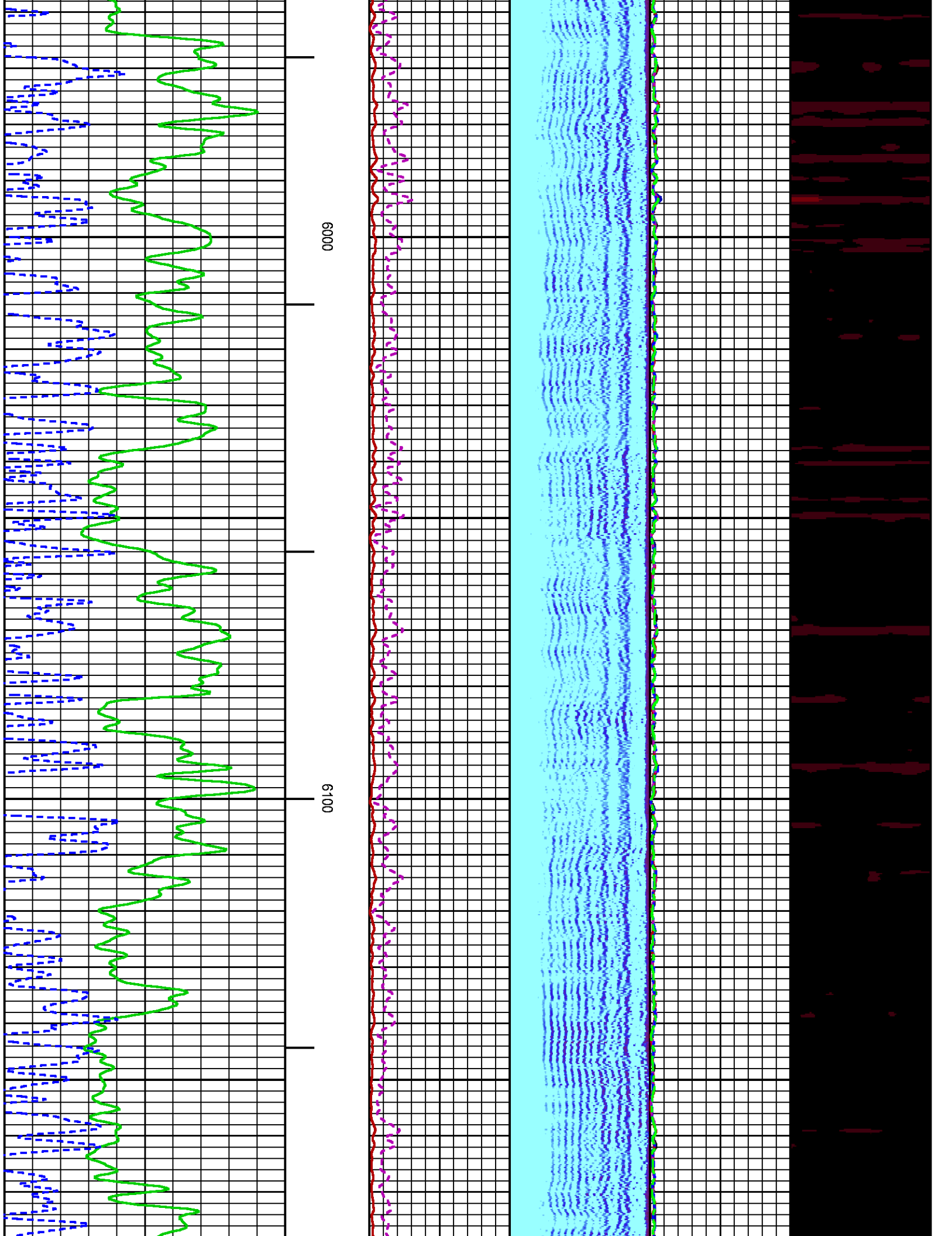




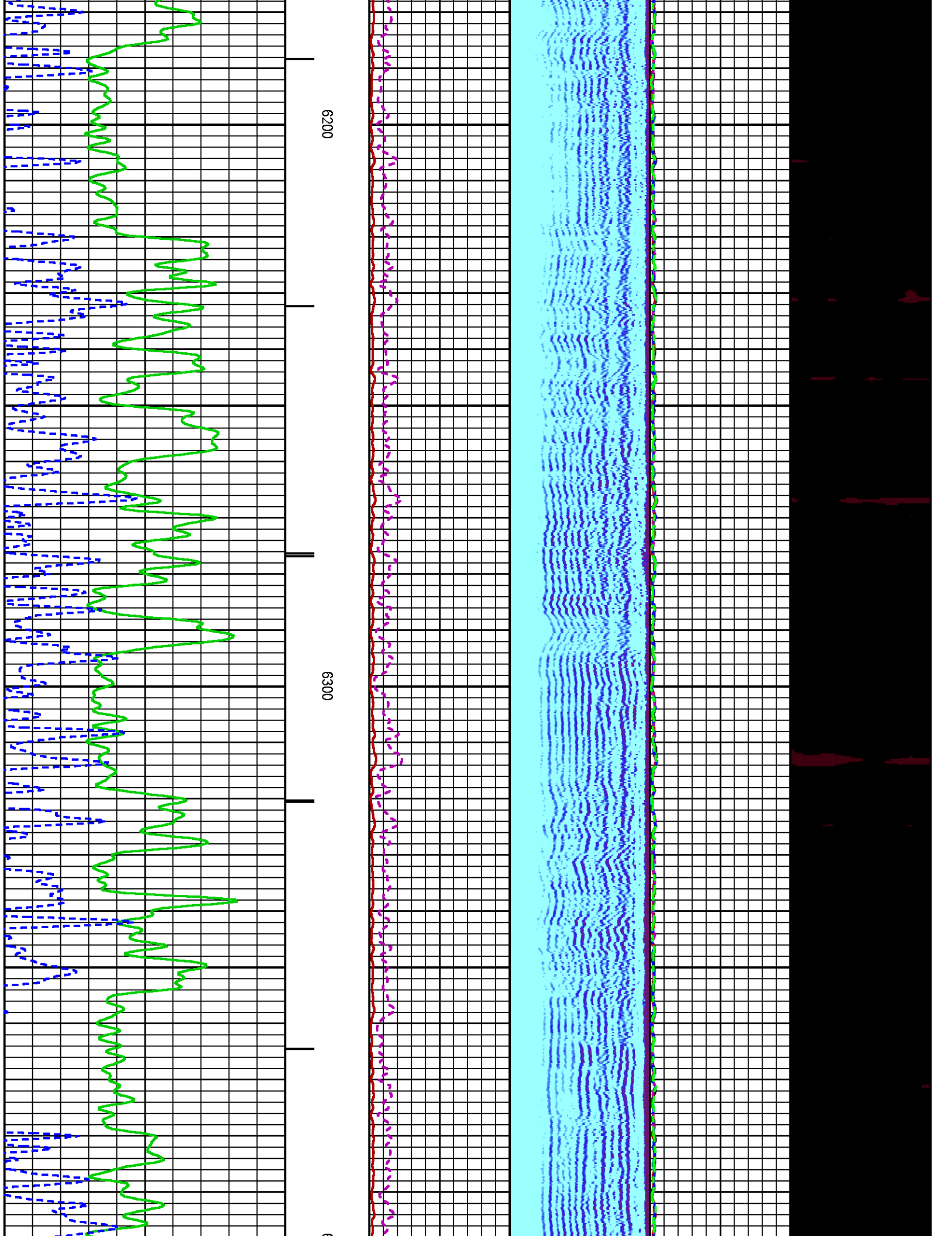


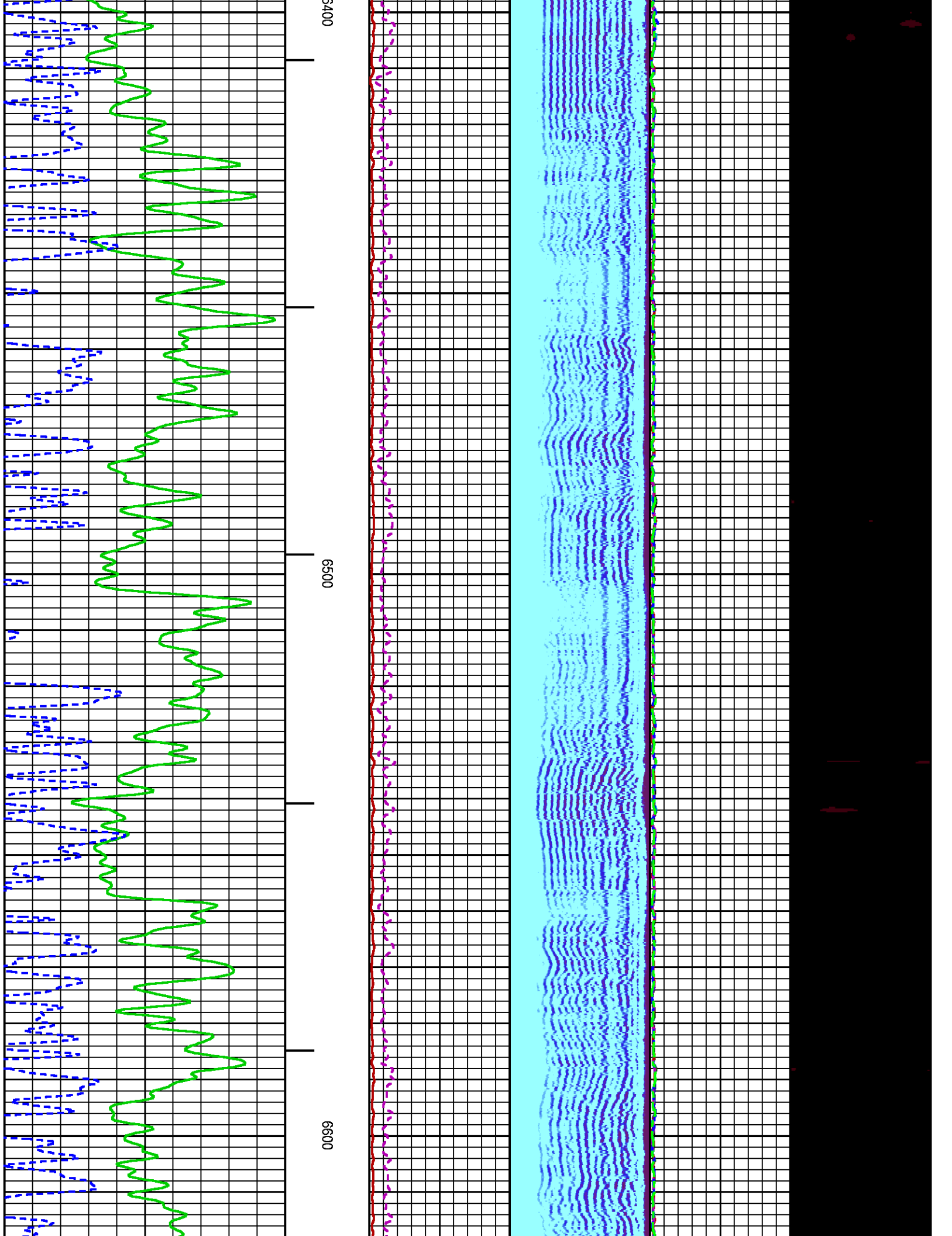


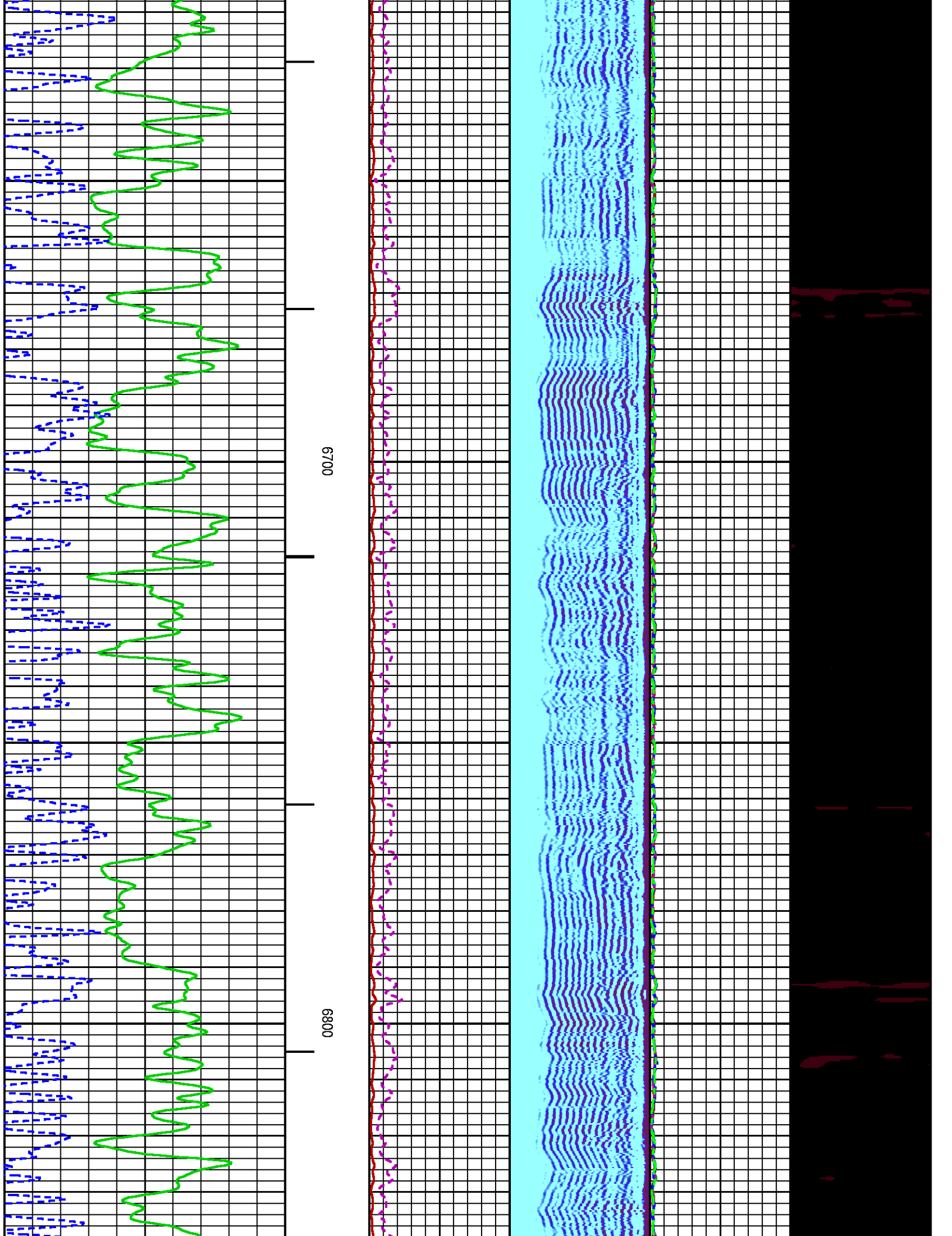


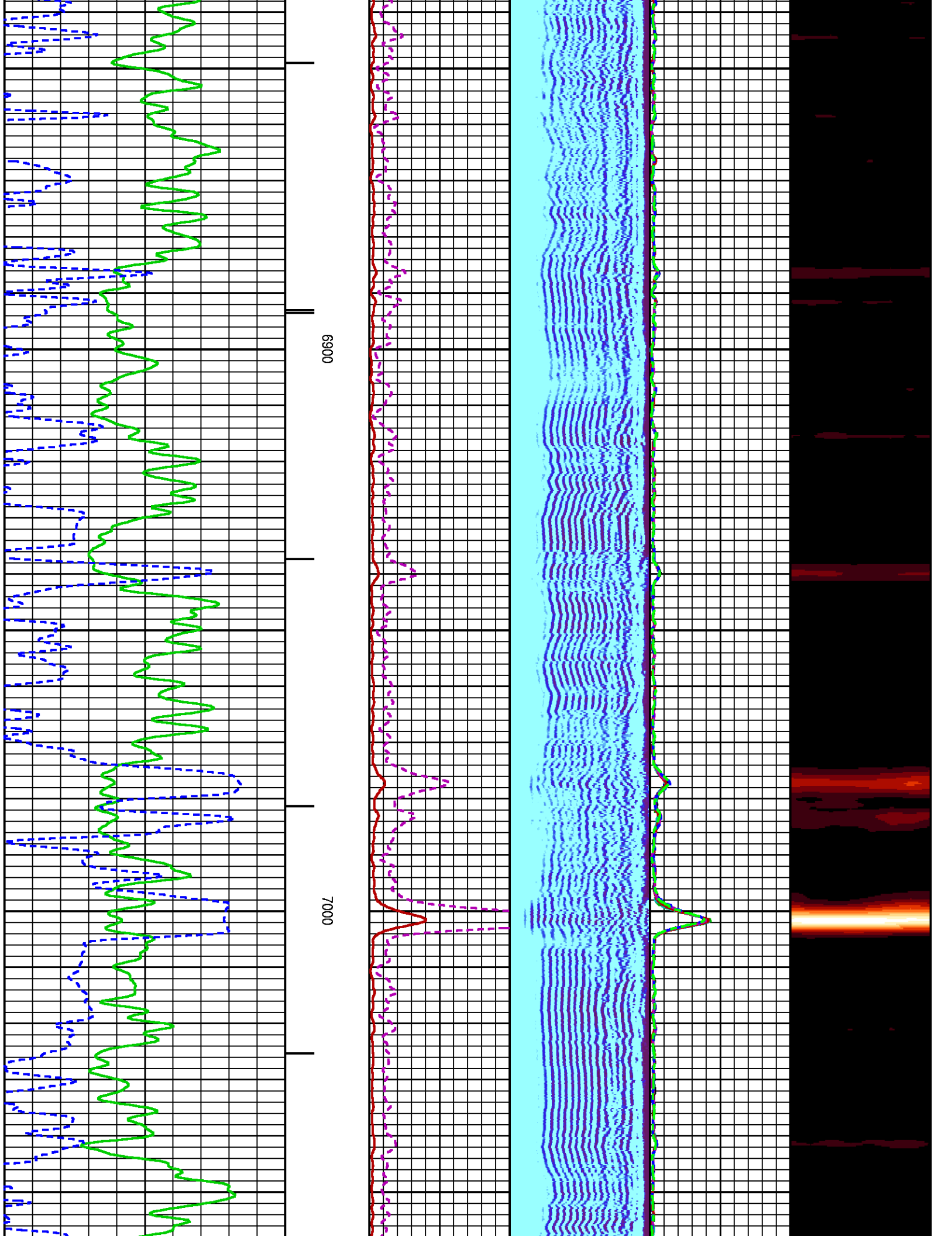




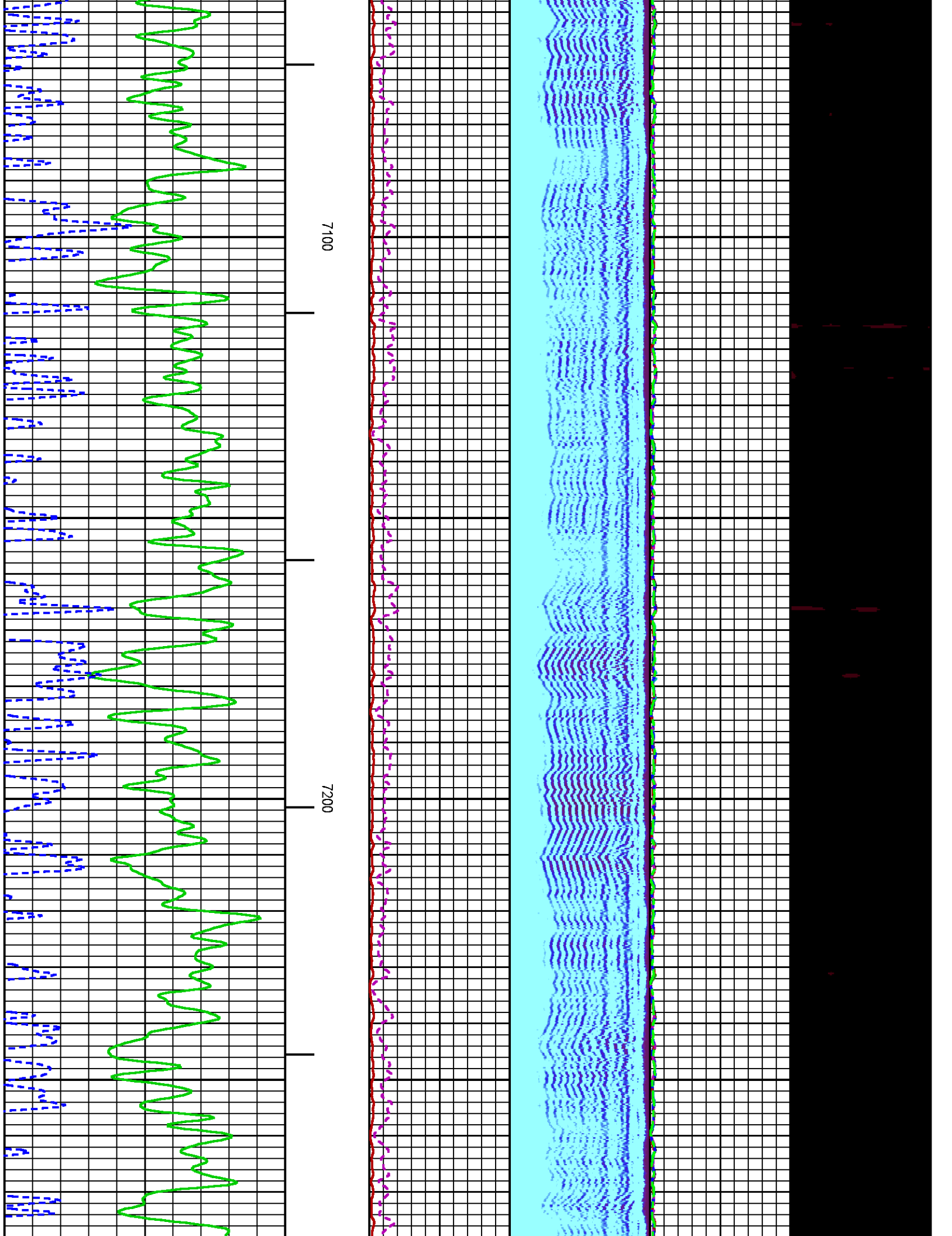


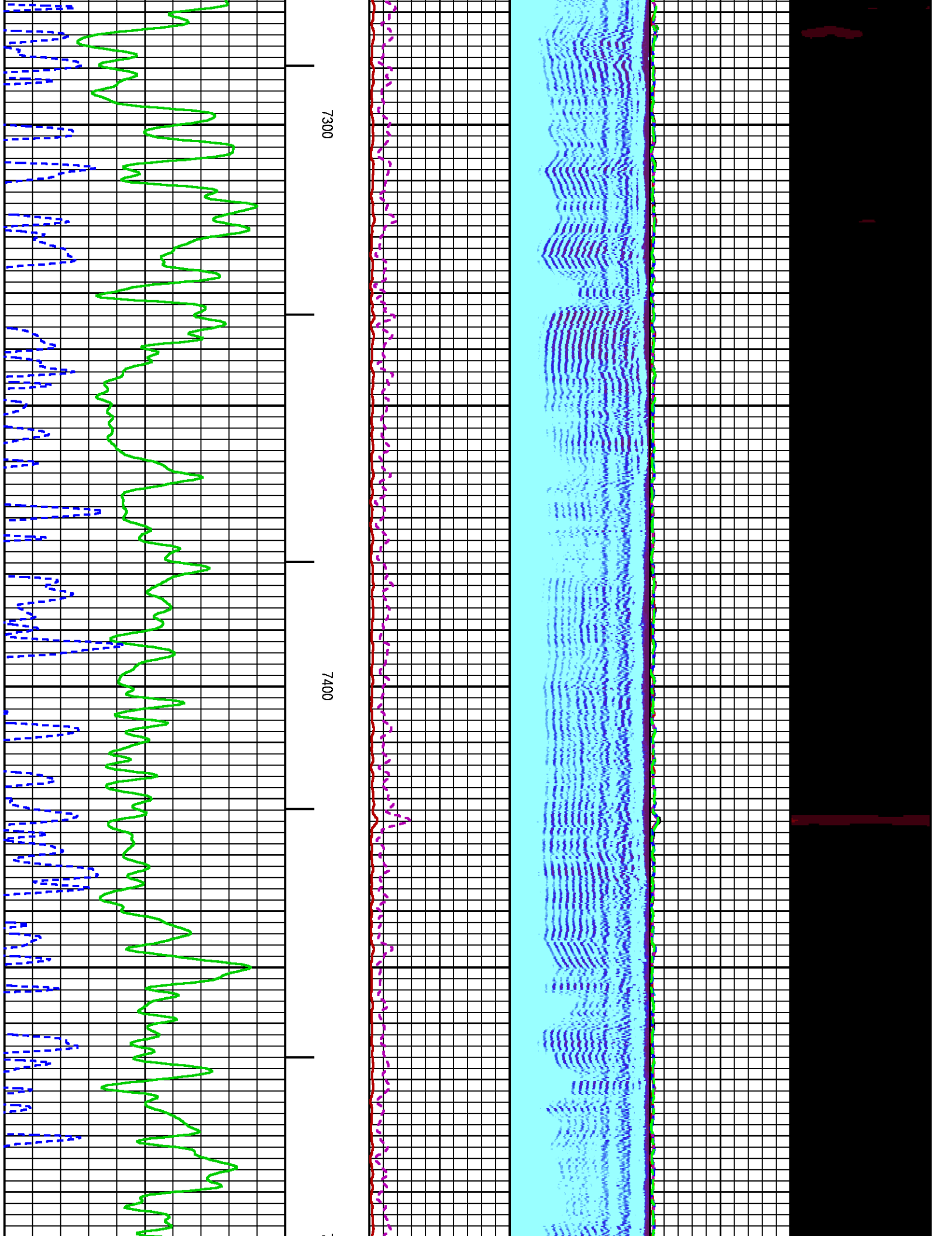


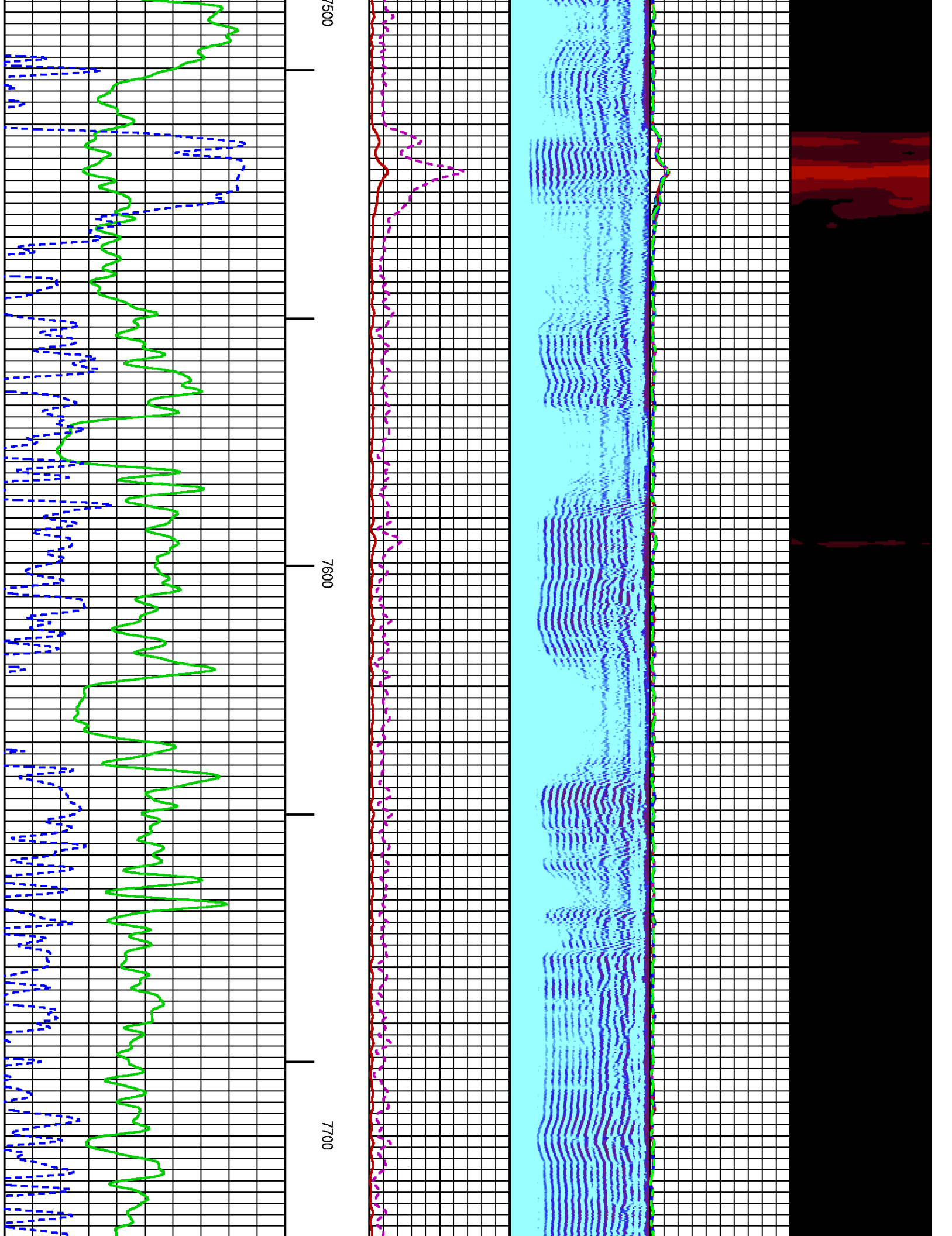


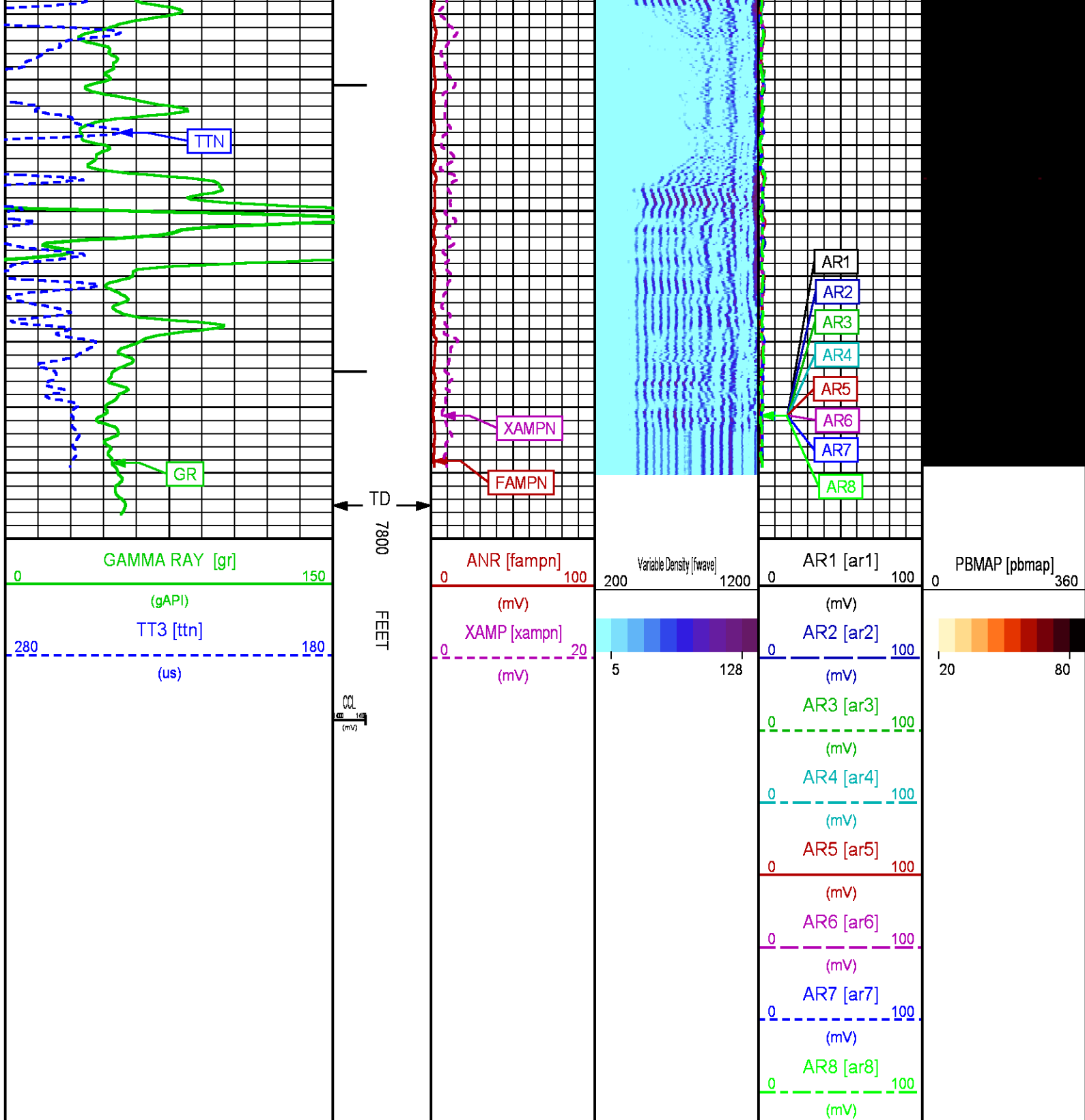












REPEAT LOG 0 PSI



## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH094450/n012e01.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 7453.500 ft BOTTOM DEPTH: 7805.000 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*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	177	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*)	-67	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

### CURVE DESCRIPTION REPORT

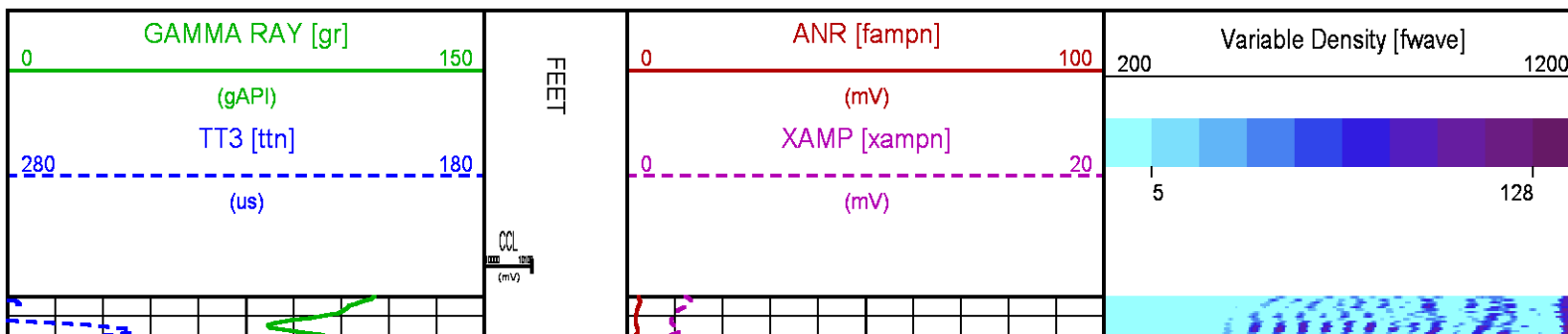
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Feb 27 10:39:38 2015	CASING COLLAR LOCATOR
F1:FAMPN	Feb 27 10:39:38 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Feb 27 10:39:38 2015	FAR WAVE FORM
F1:GR	Feb 27 10:39:38 2015	GAMMA RAY
F1:TTN	Feb 27 10:39:38 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Feb 27 10:39:38 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

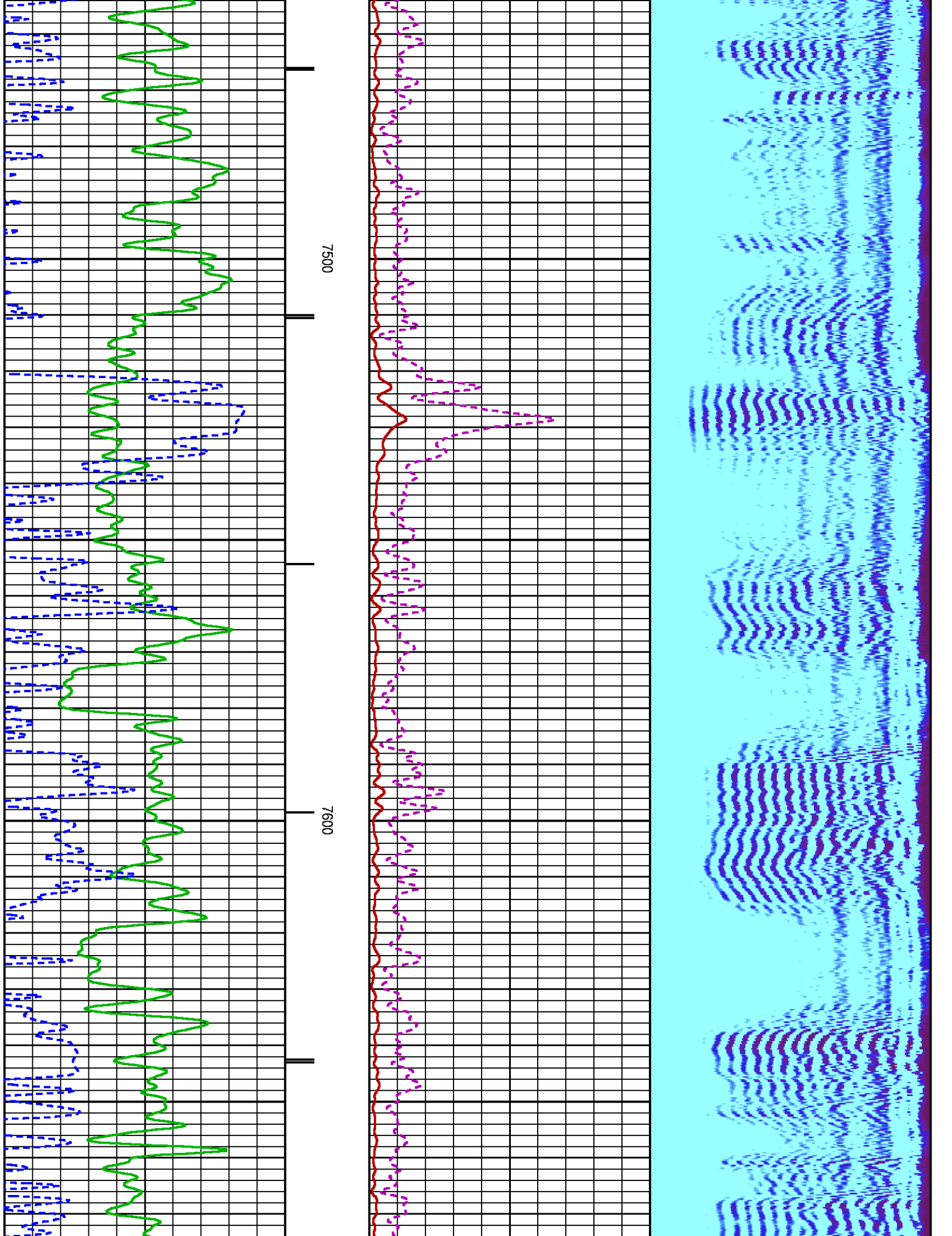
### CURVE MEASURE POINT OFFSET

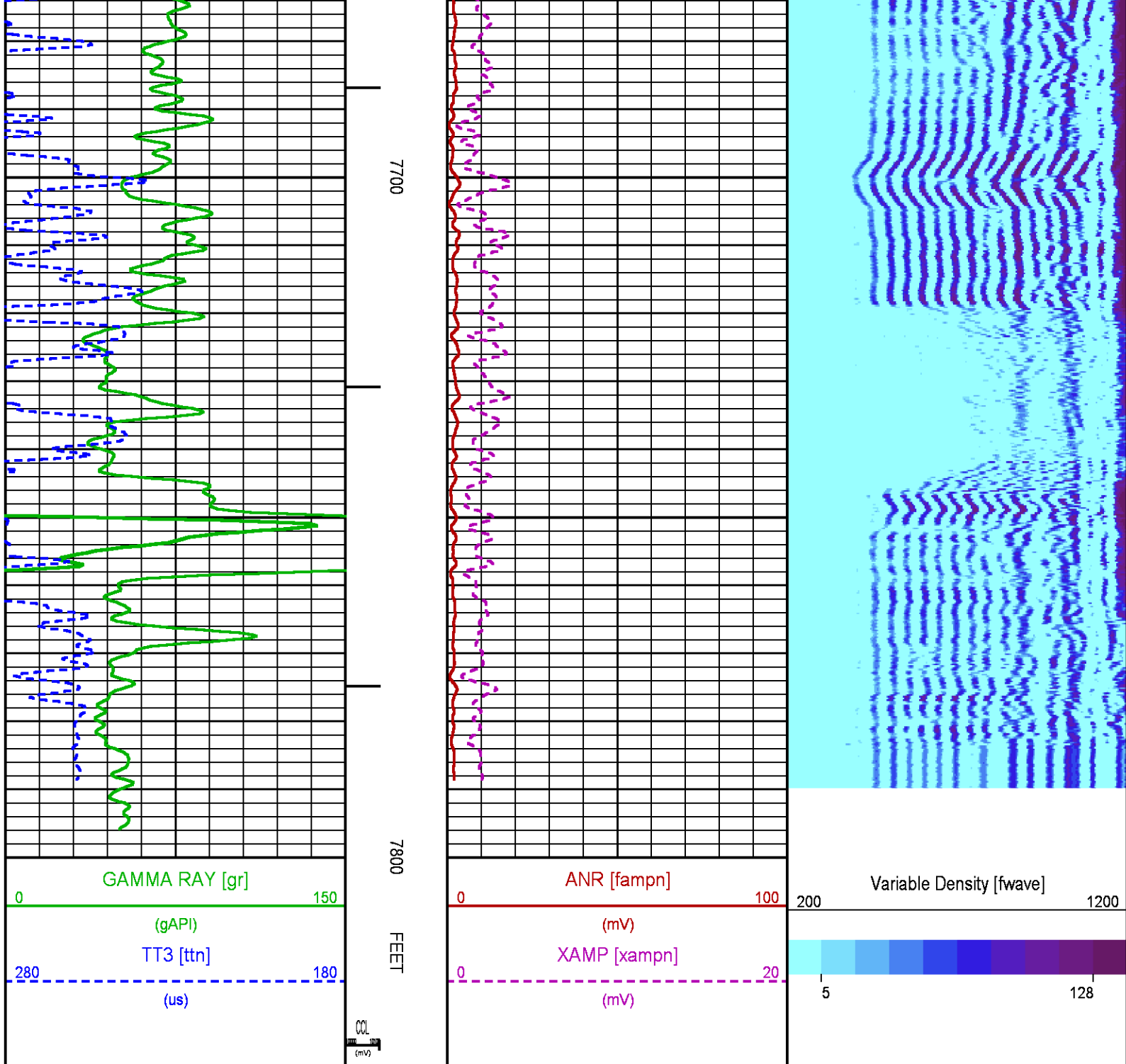
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

Presentation : HL6670:/dat1a/CH094450/342CBL\_REPEAT.fvpdf [5"/100' Scale]  
 Plot Interval : 7450 - 7800 Feet

Data File 1 : F1 : HL6670:/dat1a/CH094450/342CBL\_REPEAT.xtf  
 Created On : Feb 27 10:39:38 2015  
 Company : WPX ENERGY  
 Well : WPX ENERGY GM 342-28  
 Field : GRAND VALLEY  
 File Interval : 7438 - 7803.5 Feet  
 OCT : n012e







## CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH094450/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: Fri Feb 27 09:57:48 2015 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	-1.80	-2.43	-2.45	-2.35	-2.46	-2.26	-2.49	-2.29	-2.13	-3.08	-0.01
AMP AIR	1.68	2.51	2.38	2.21	2.13	2.03	2.37	2.10	1.83	3.15	99.99

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
1.35	0.00	1.00

### 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

23.02'

#### CABLEHEAD

Diameter : 2.75"  
Length : 2.25'  
Weight : 16.3 lb





Weight : 10 lbs  
Series : CABL234  
Mnemonic : CBLH

#### 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'

#### 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

NEU — 1.40'

#### BULL PLUG 2 3/4

0.00'

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



COMPANY  
WELL  
FIELD  
COUNTY

WPX ENERGY  
WPX ENERGY GM 342-28  
GRAND VALLEY  
GARFIELD

STATE CO

LOCATION:

ELEVATIONS:

FILE NO:

CH094450

API NO:

05045225030000

28 6S 96W



SHL: 1525' FSL & 2335' FWL  
BHL: 1799' FNL & 714' FEL

KB 5500 FT  
DF  
GL 5476 FT

GM 323-28 PAD  
H&P 318

SEC 28 TWP 6S RGE 96W

DATE 27-Feb-2015