



FILE NO: CH096029	COMPANY WELL FIELD COUNTY	WPX ENERGY YOUBERG RU 433-7 RULISON GARFIELD	STATE CO
API NO: 05045225130000			

Ver. 4.01 7 7S 93W RU 44-7 PAD NABORS 576	LOCATION: SHL: 1146' FSL & 1193' FEL BHL: 1853' FSL & 2167' FEL SEC 7 TWP 7S RGE 93W	OTHER SERVICES RPM
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PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	GL KB KB ELEVATION 26 FT 7917 FT ABOVE P.D.	ELEVATIONS: KB 7943 FT DF GL 7917 FT
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DATE	20-Apr-2015	
RUN	TRIP	1
SERVICE ORDER	US096029	
DEPTH DRILLER	10030 FT	
DEPTH LOGGER	9992 FT	
BOTTOM LOGGED INTERVAL	9982 FT	
TOP LOGGED INTERVAL	26 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	84 FT	
LOGGED CEMENT TOP	NA	
WELLHEAD PRESSURE	0 PSI	
MAXIMUM HOLE DEVIATION	NA	
NOMINAL LOGGING SPEED	100 F/MIN	
MAX. RECORDED TEMP.	251 DEG F	
REFERENCE LOG	NA	
REFERENCE LOG DATE	NA	
EQUIP. NO.	LOCATION	GRAND JCT.
RECORDED BY	NEWELL	
WITNESSED BY	KENT HEIL	

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	26 FT	1311 FT
8.75 IN	1311 FT	10084 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			26 FT	1311 FT
4.5 IN	11.6 LB/F	P-110	26 FT	10084 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 = 251 degF
SJ = 6821' - 6843'

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CCL	1122X1	12451057	CEILING

1	1	CBL	1426XA	10154957	CENTRALIZED
1	1	GR/CCL	1355XA	10580209	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: 6

Plotted: Mon Apr 20 13:56:46 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096029/n012g02.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 24.500 ft BOTTOM DEPTH: 10000.000 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*)	186	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
	TT WINDOW START (ttn*)	177	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
	PPT NEAR	200.391	us	"	"
RAL CASING PARAMETERS	TOOL DELAY (strn*)	-71	us	"	"
RAL TOOL DELAY	NOISE WINDOW START	125	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Apr 20 09:07:44 2015	CASING COLLAR LOCATOR
F1:FAMPN	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Apr 20 09:07:44 2015	FAR WAVE FORM
F1:GR	Apr 20 09:07:44 2015	GAMMA RAY
F1:TTN	Apr 20 09:07:44 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

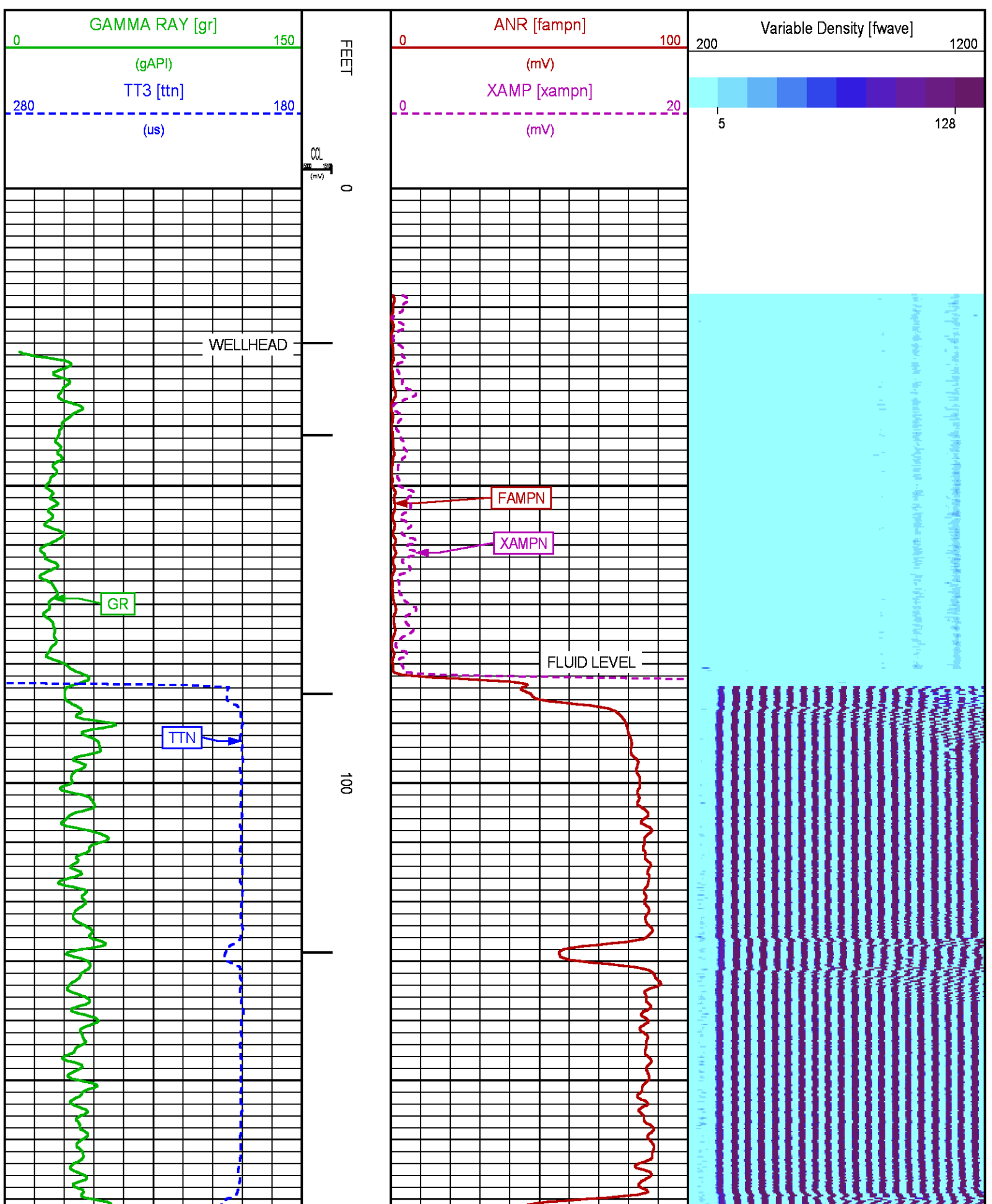
CURVE MEASURE POINT OFFSET

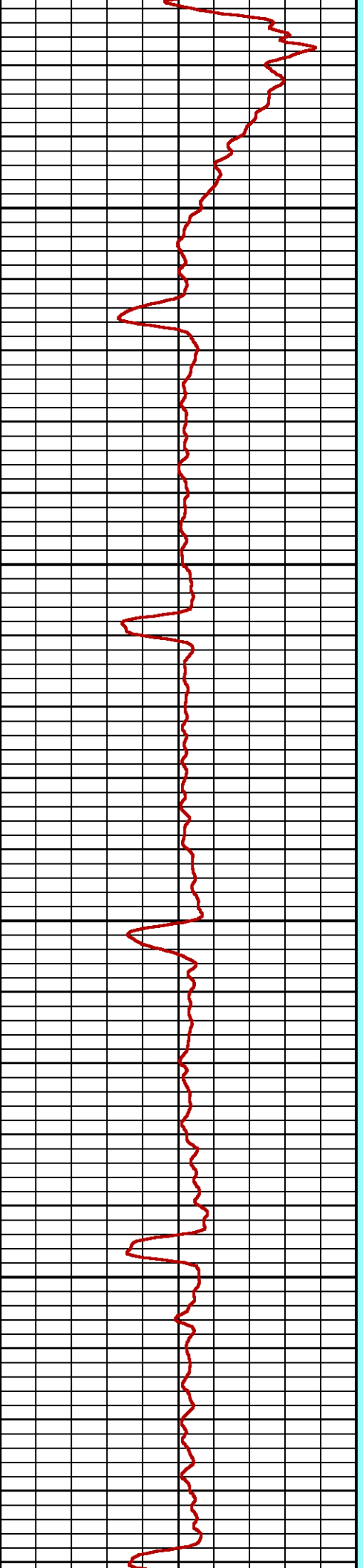
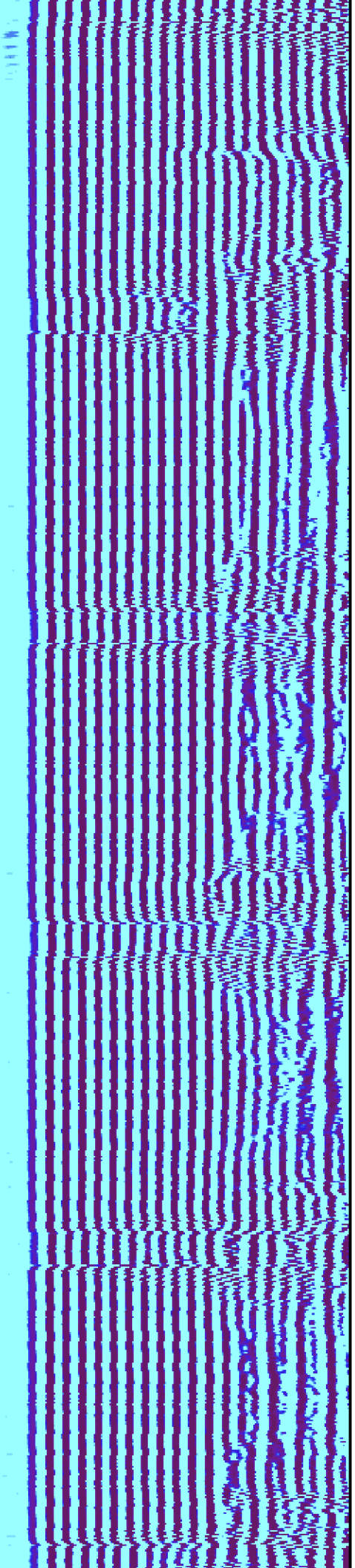
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	5.75	GR	1.75	XAMPN	11.25		
FAMPN	11.25	TTN	11.25				

Presentation : HL6670:/dat1a/CH096029/433CBL_PRIMARY.fvpdf [5"/100' Scale]
 Plot Interval : 0 - 9997 Feet

Data File 1 : F1 : HL6670:/dat1a/CH096029/433CBL_MAIN.xtf
 Created On : Apr 20 09:07:44 2015

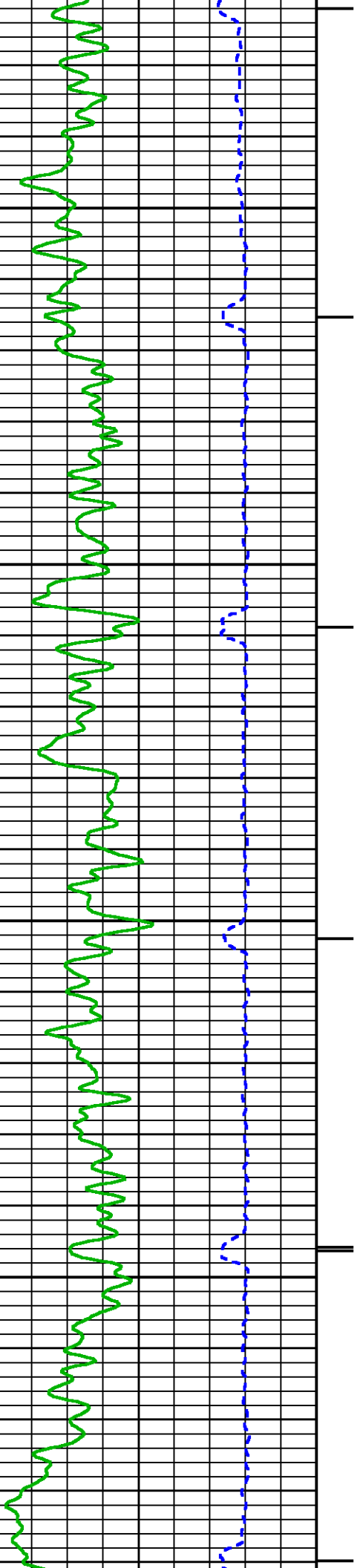
Created On : Apr 20 09:07:44 2013
Company : WPX ENERGY
Well : YOUNBERG RU 433-7
Field : RULISON
File Interval : 16.75 - 10003.5 Feet
OCT : n012g

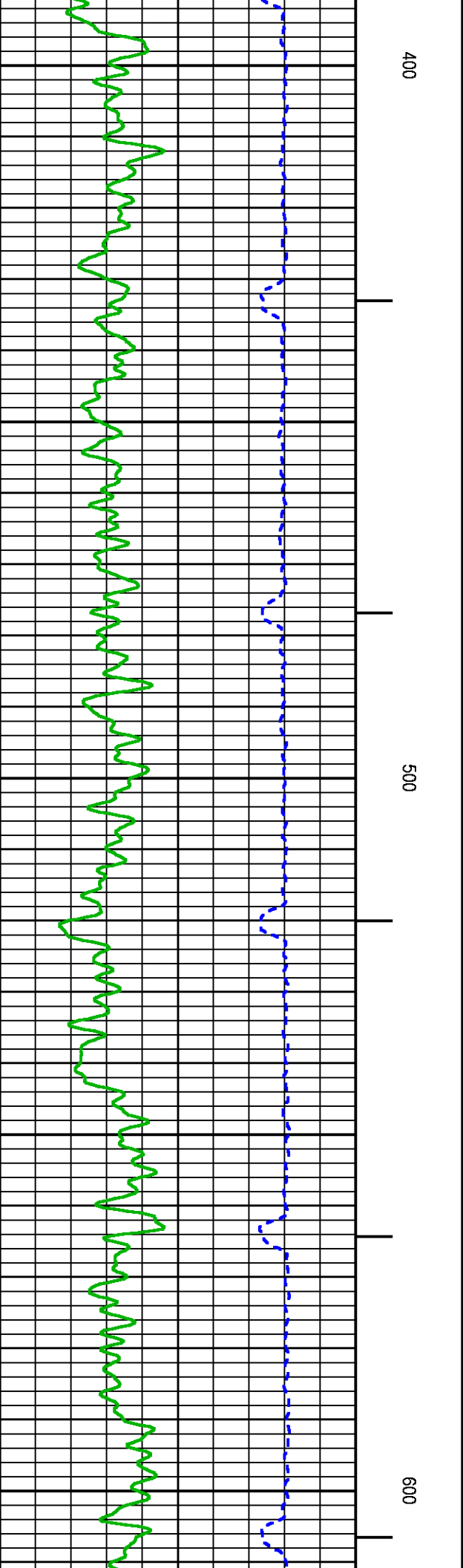
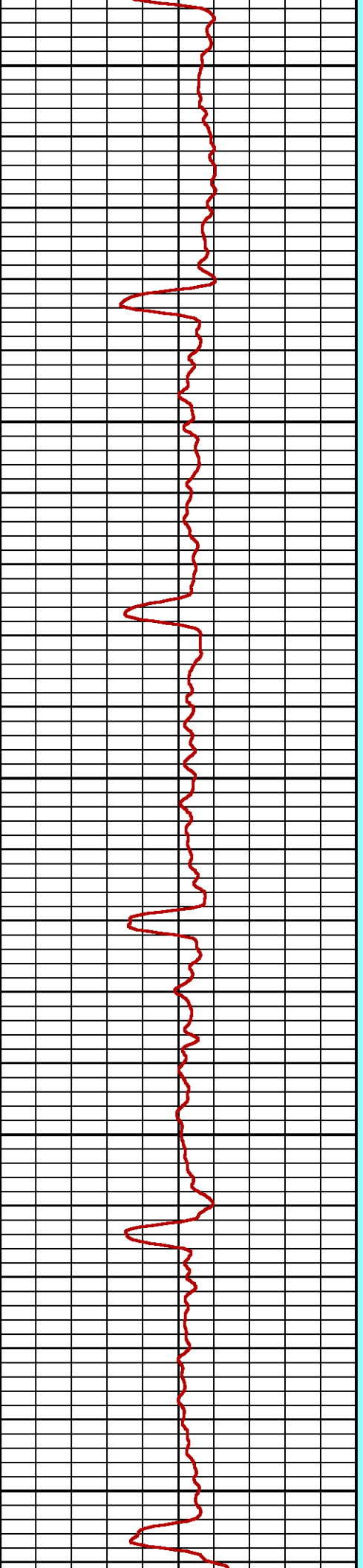
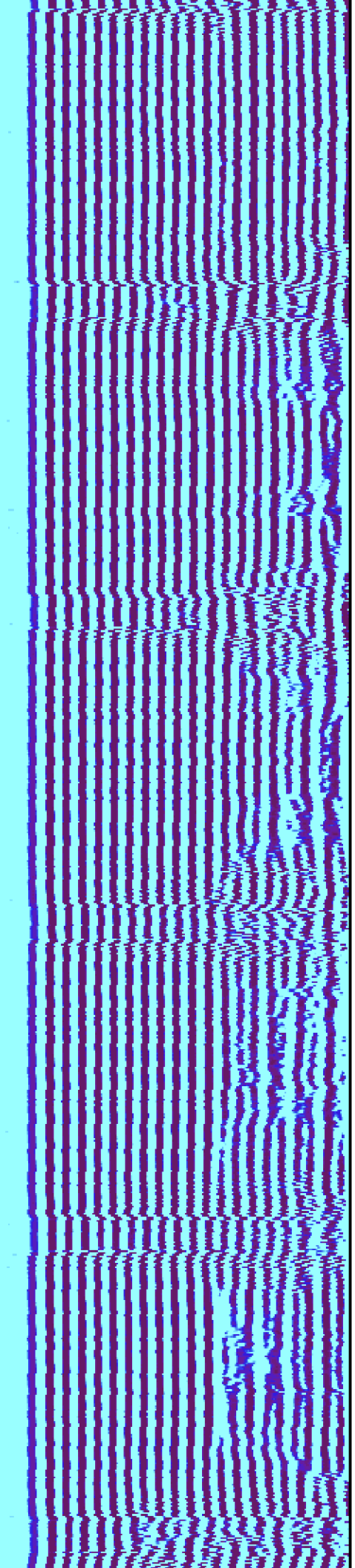


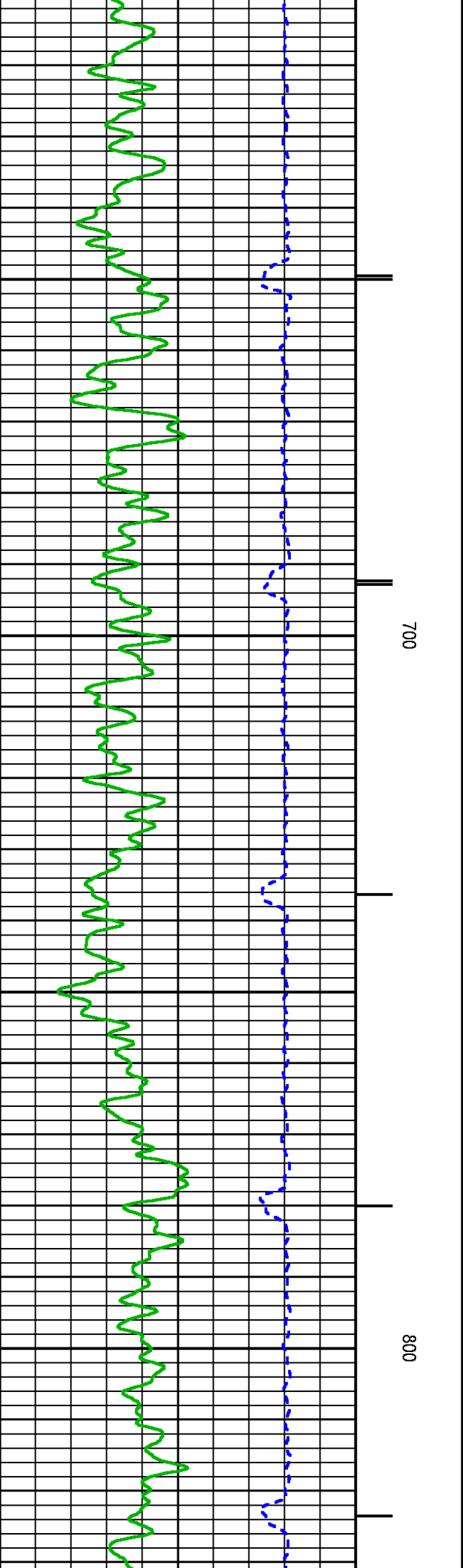
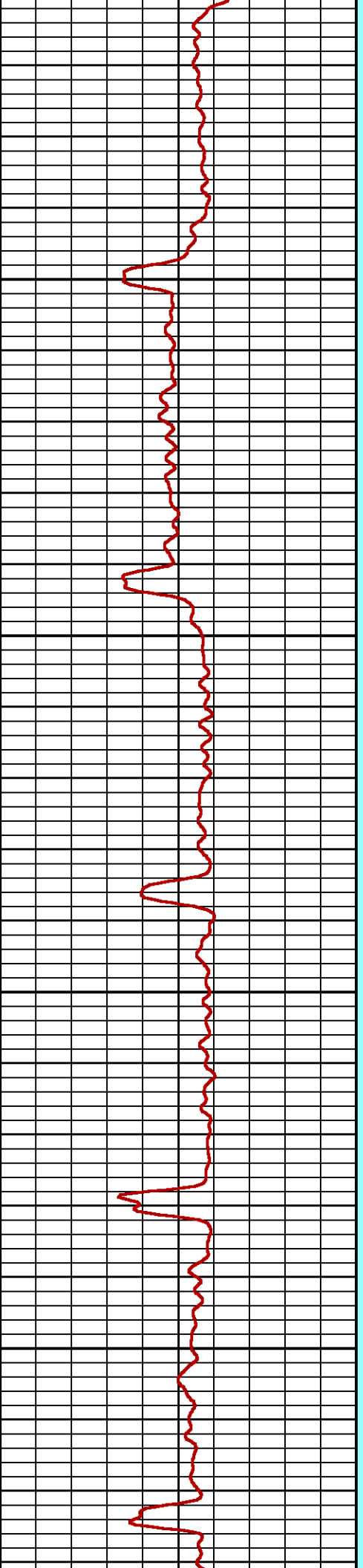
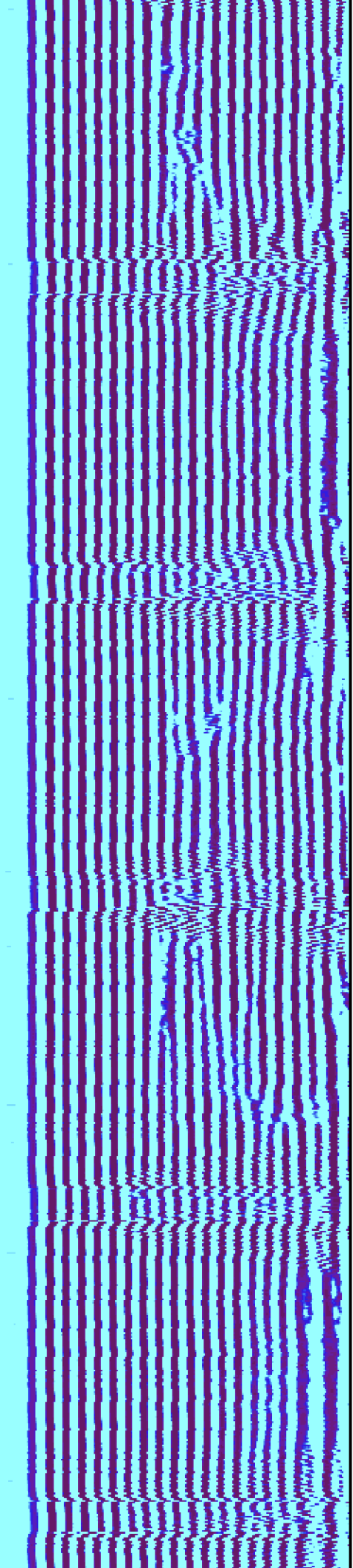


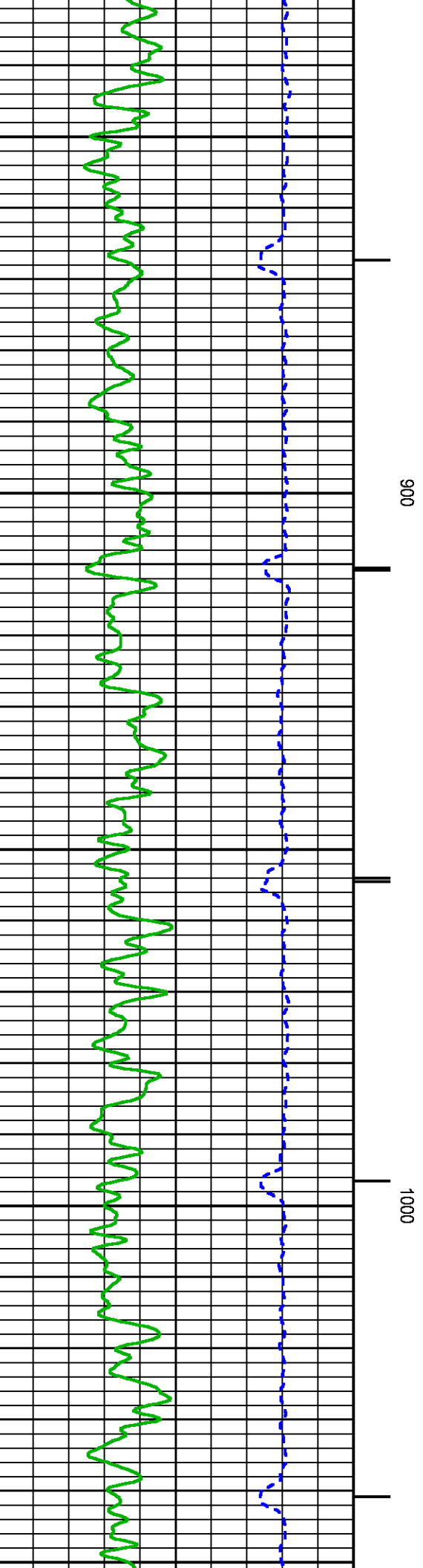
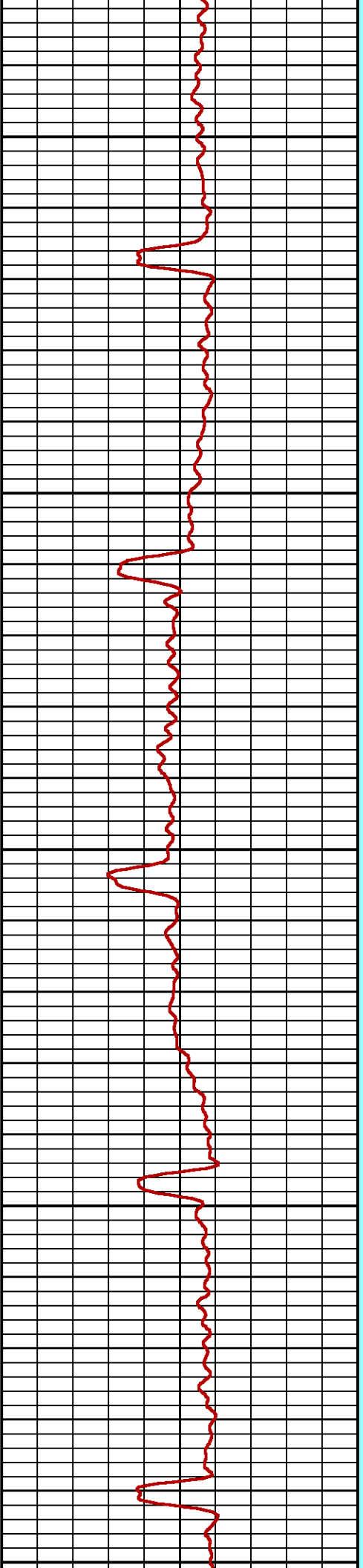
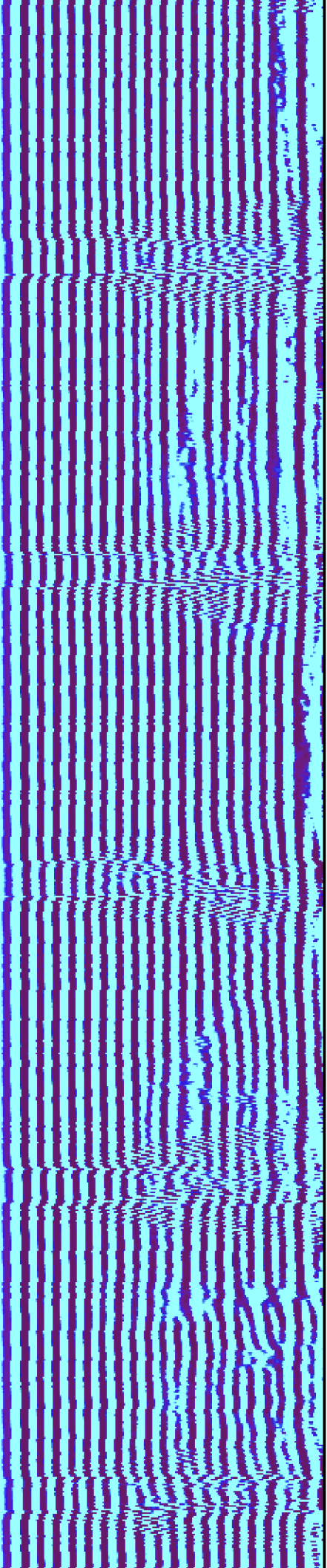
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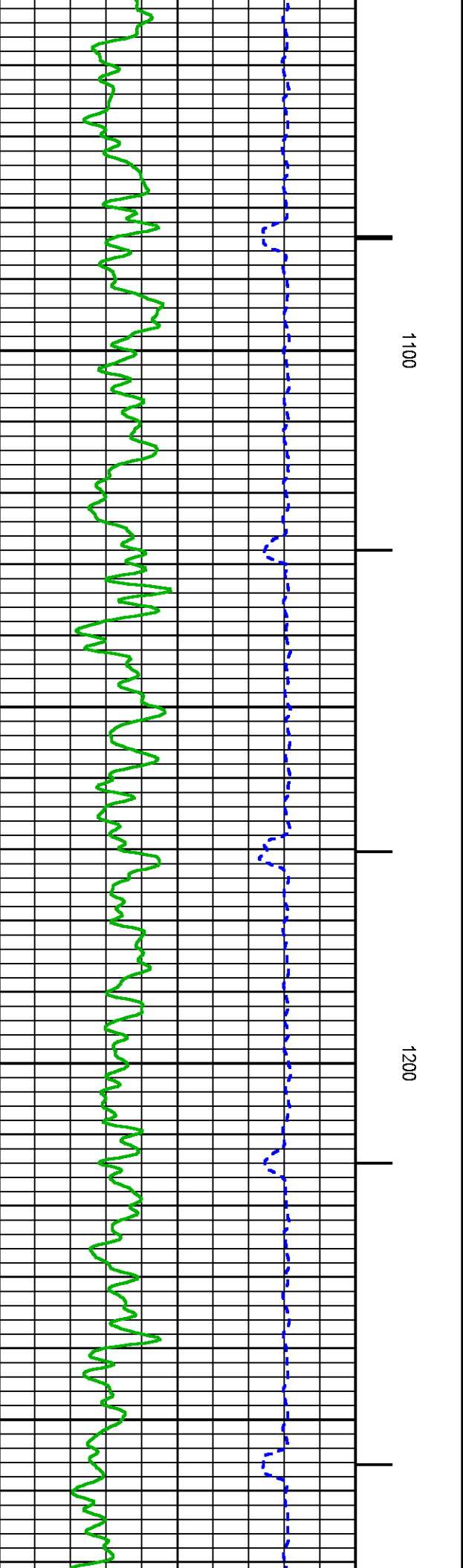
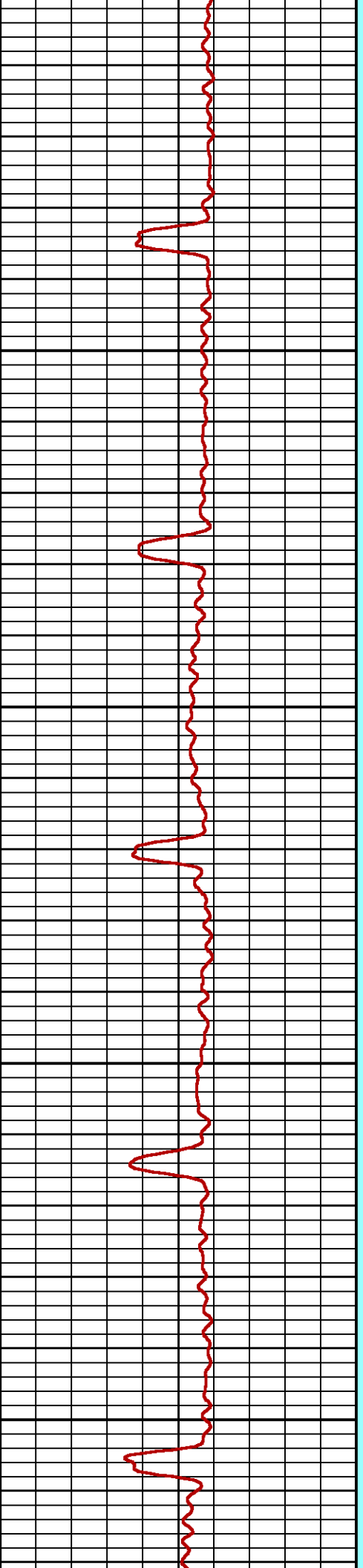
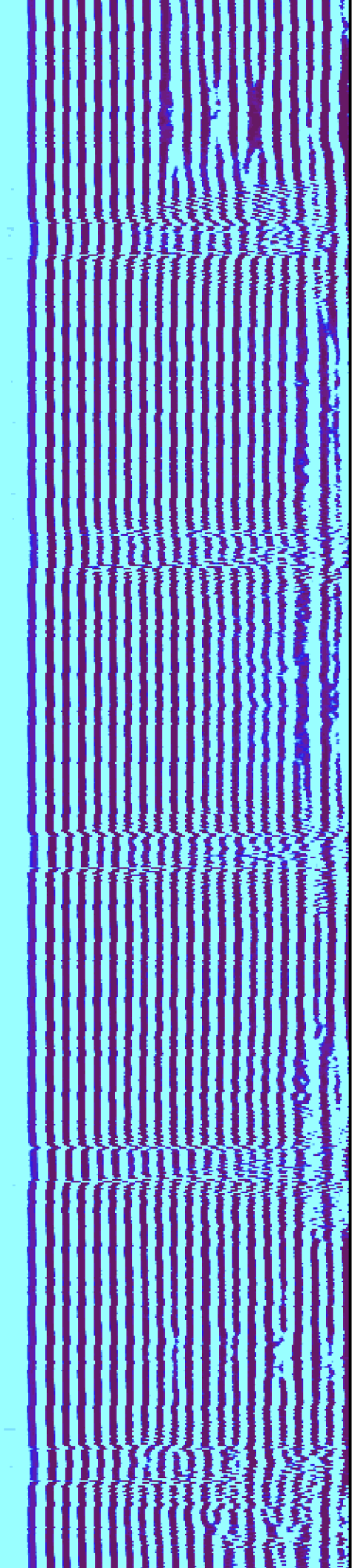
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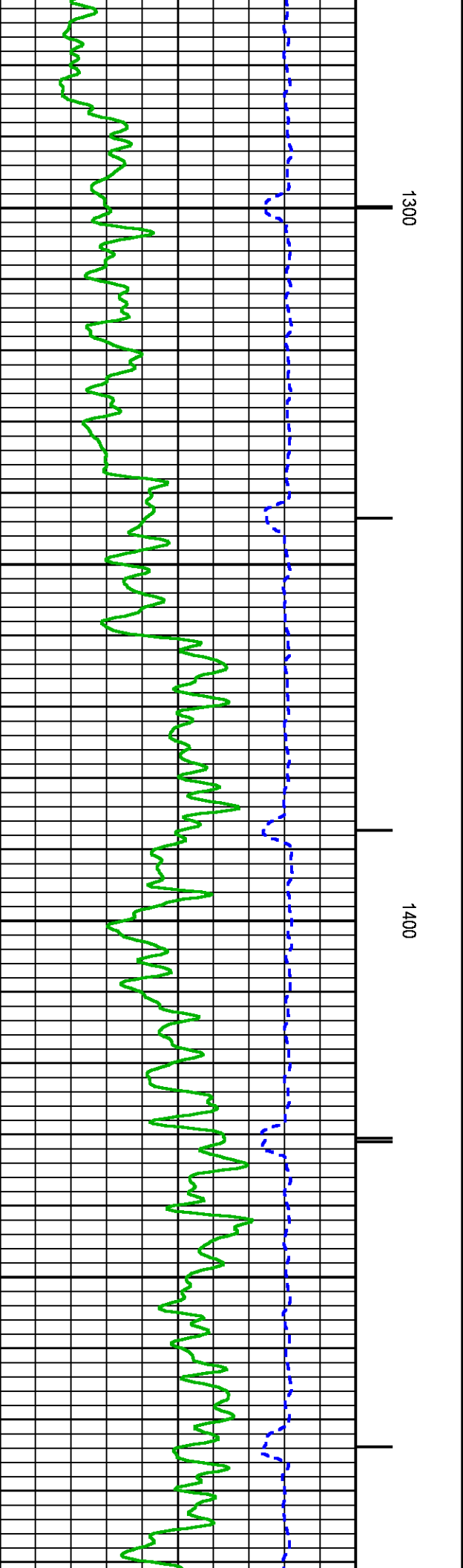
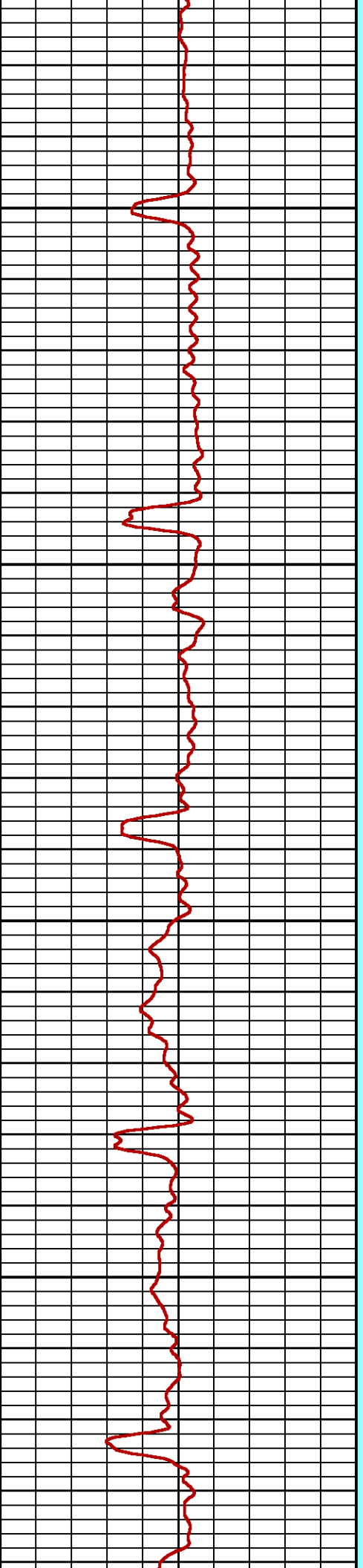
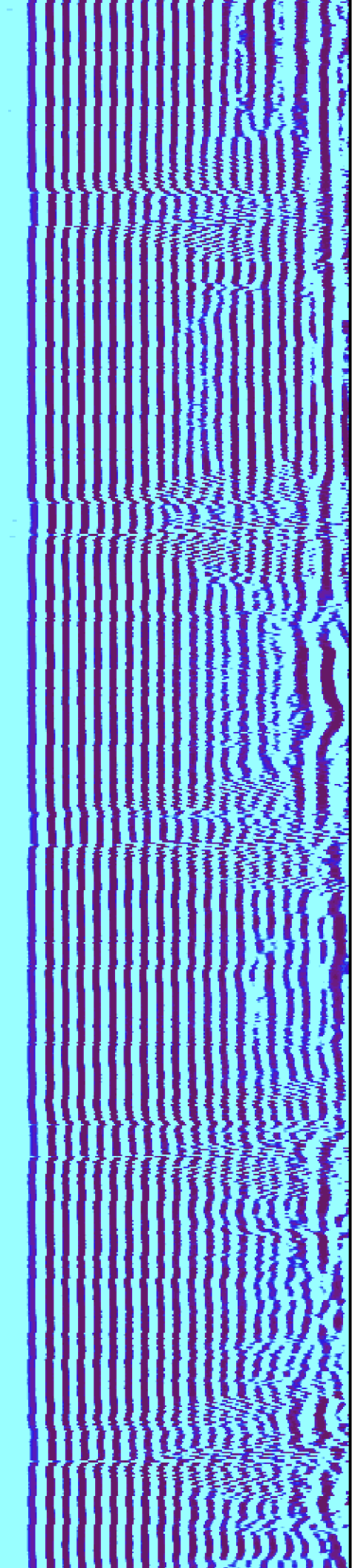


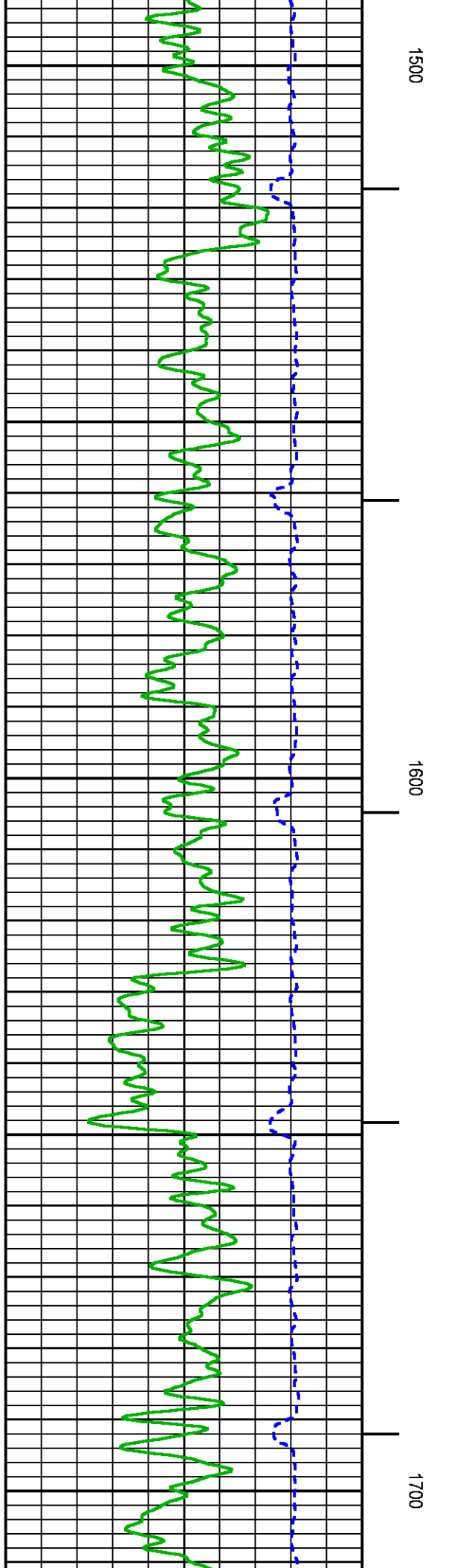
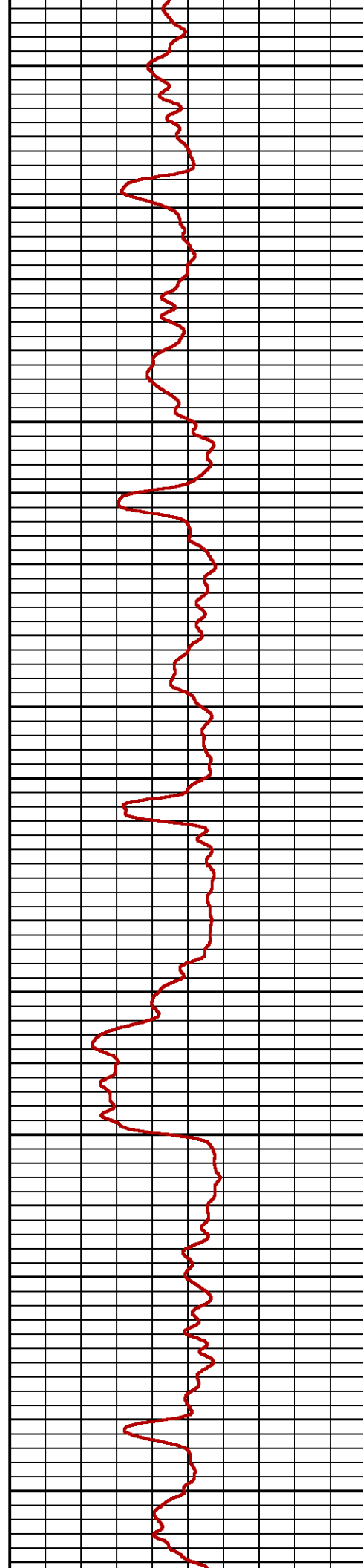
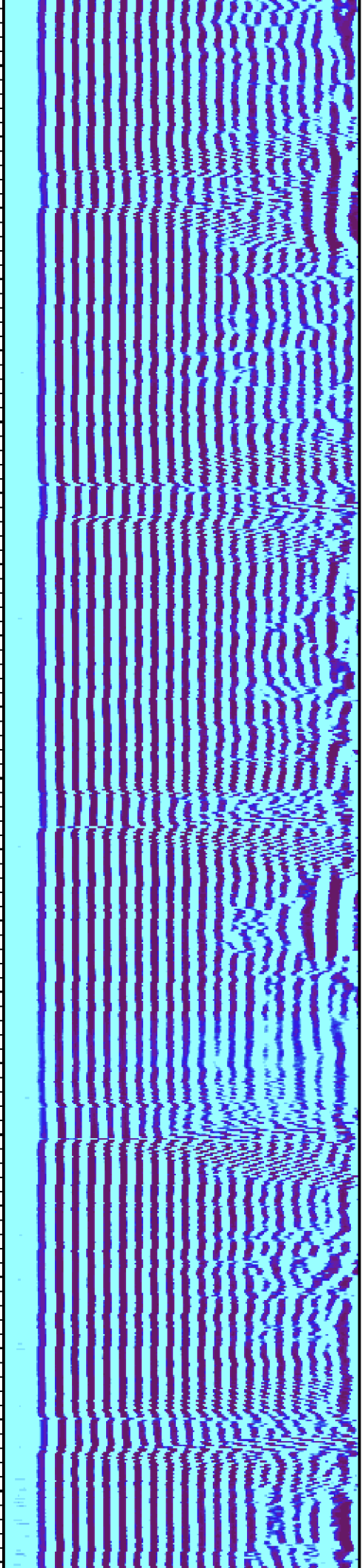


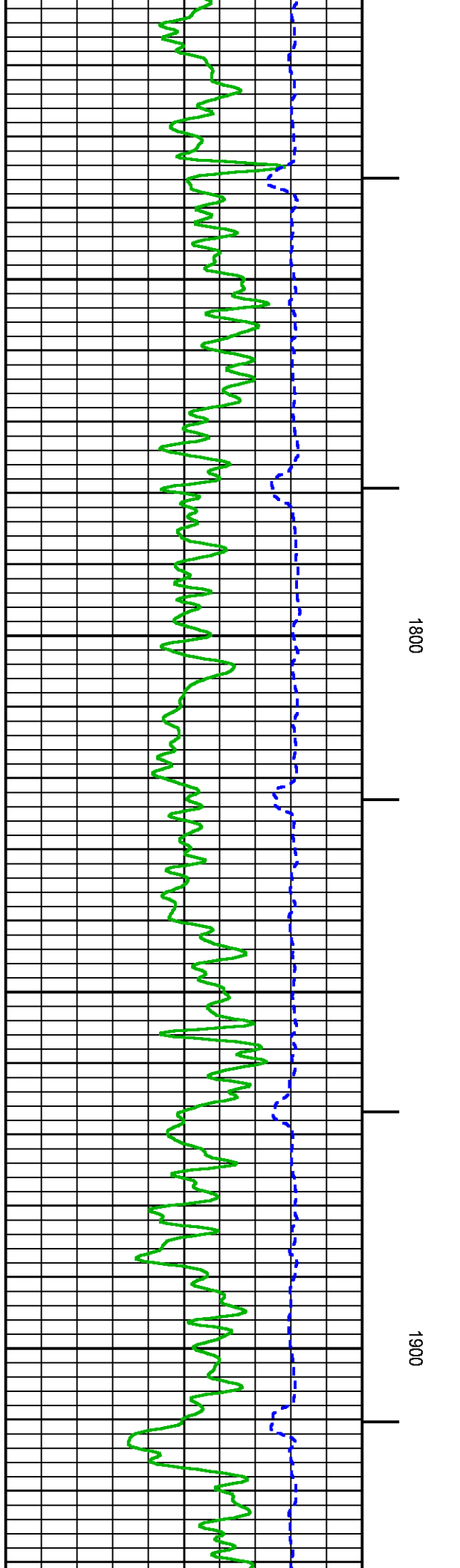
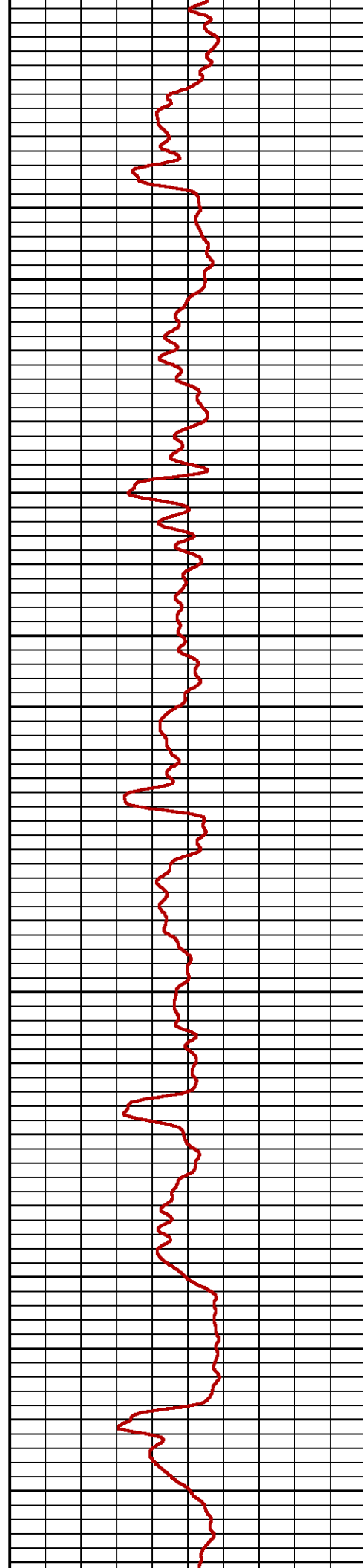
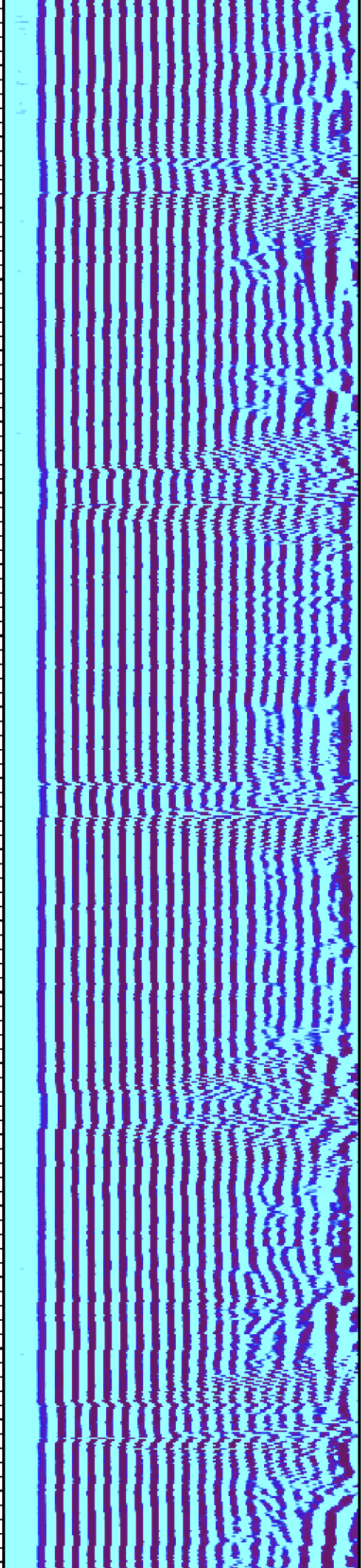


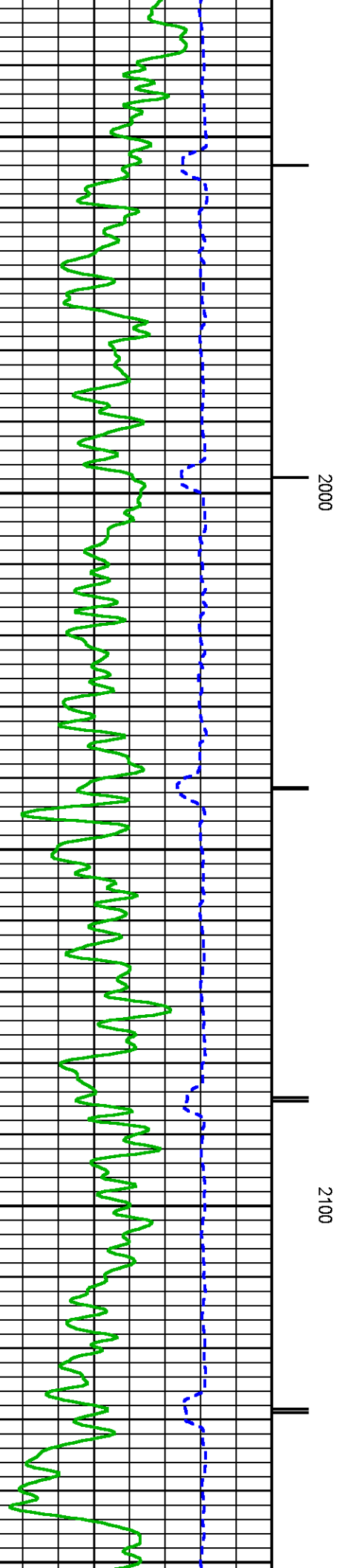
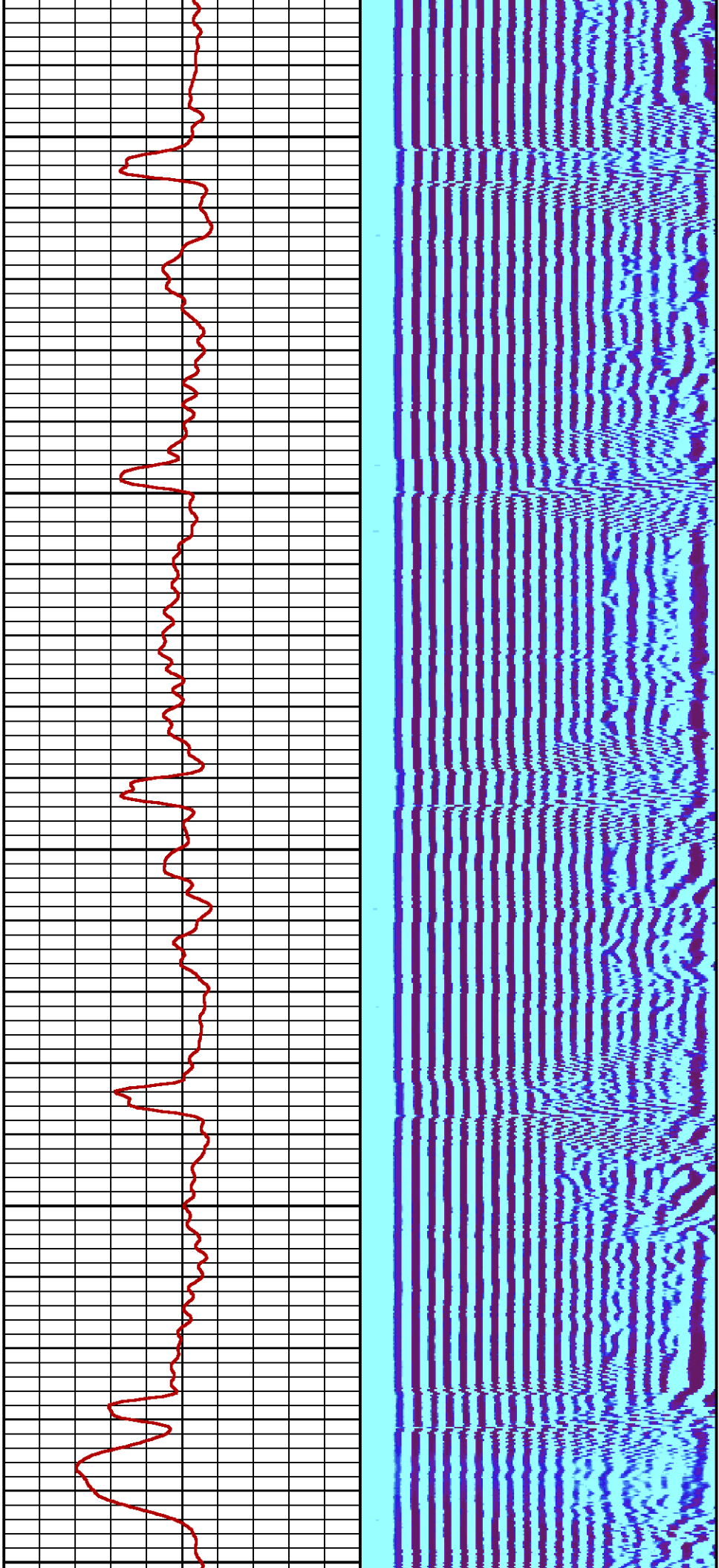


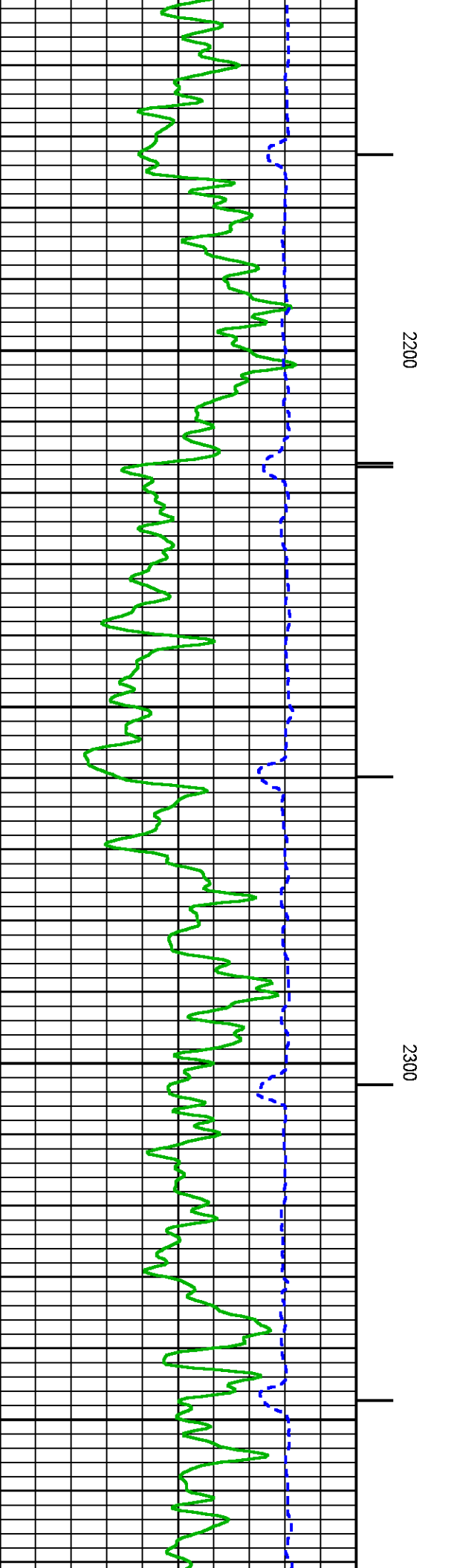
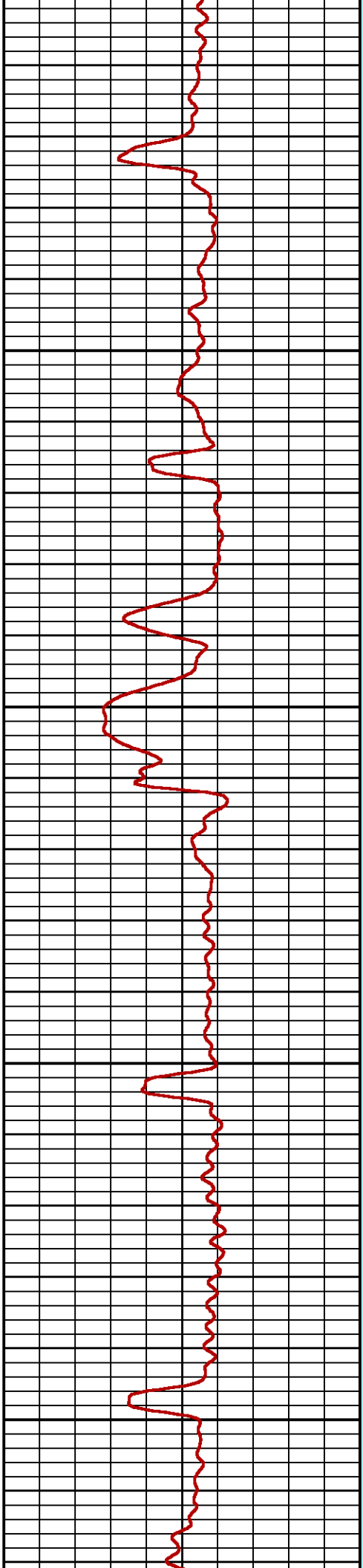
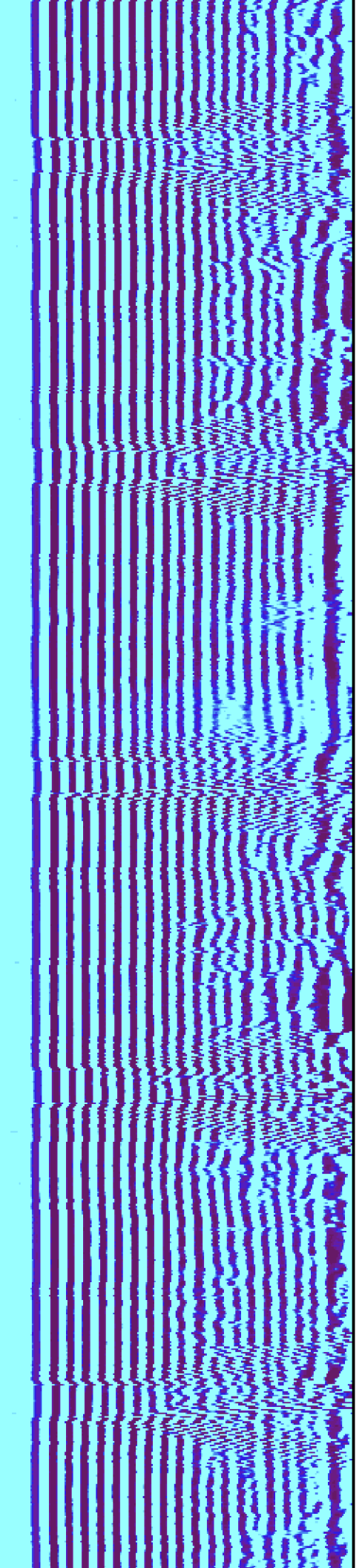


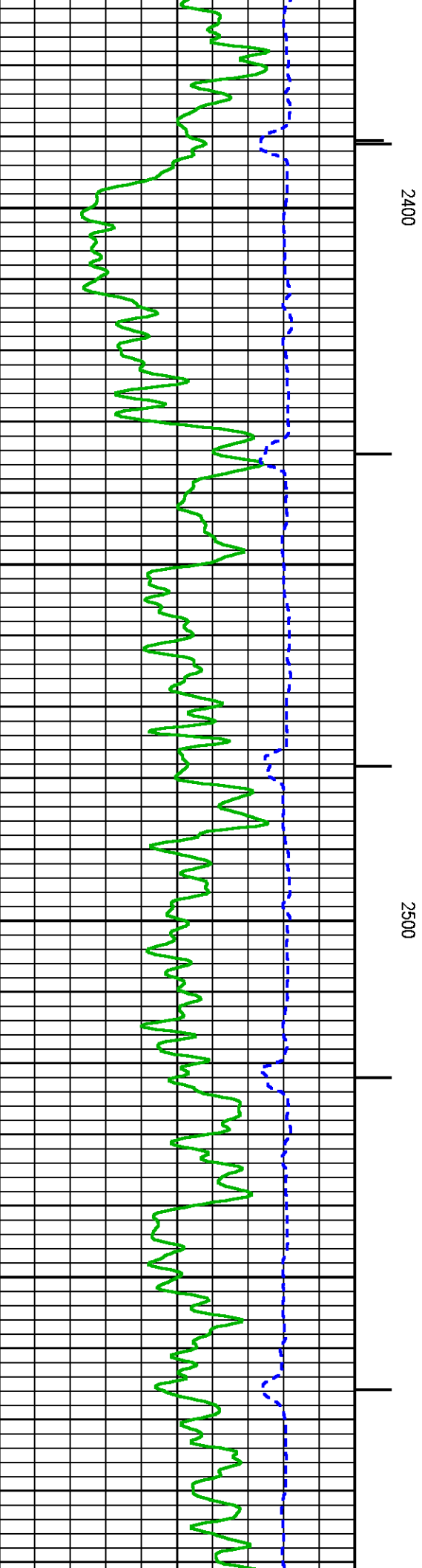
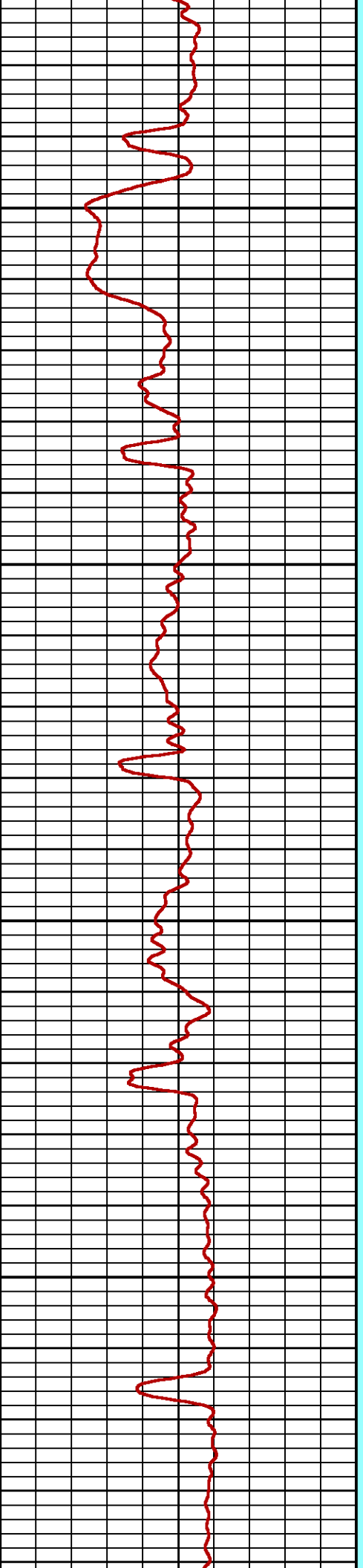
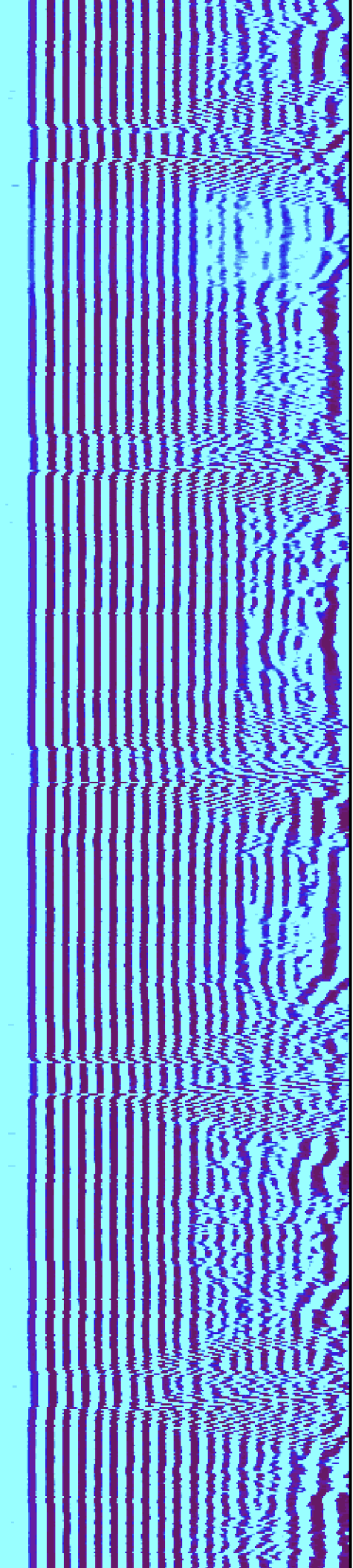


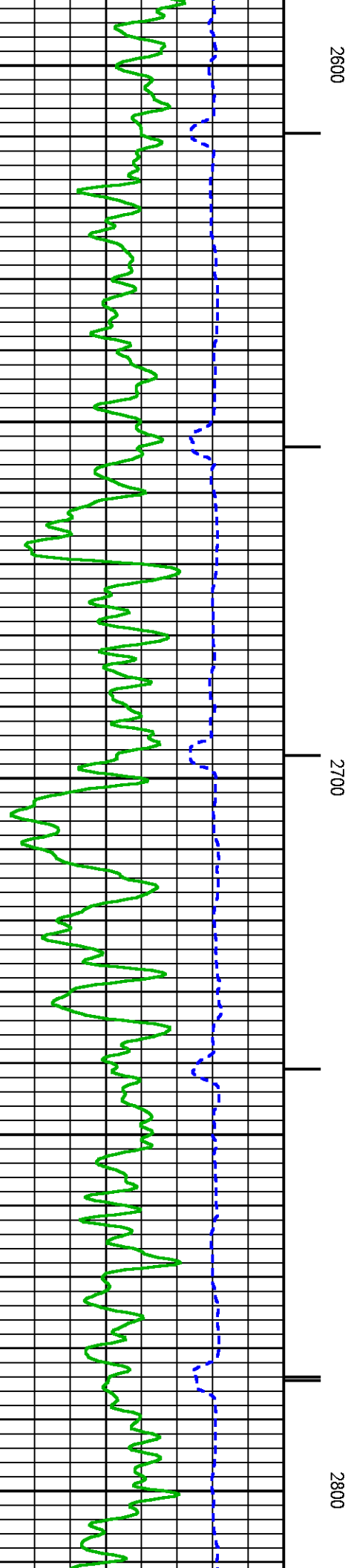
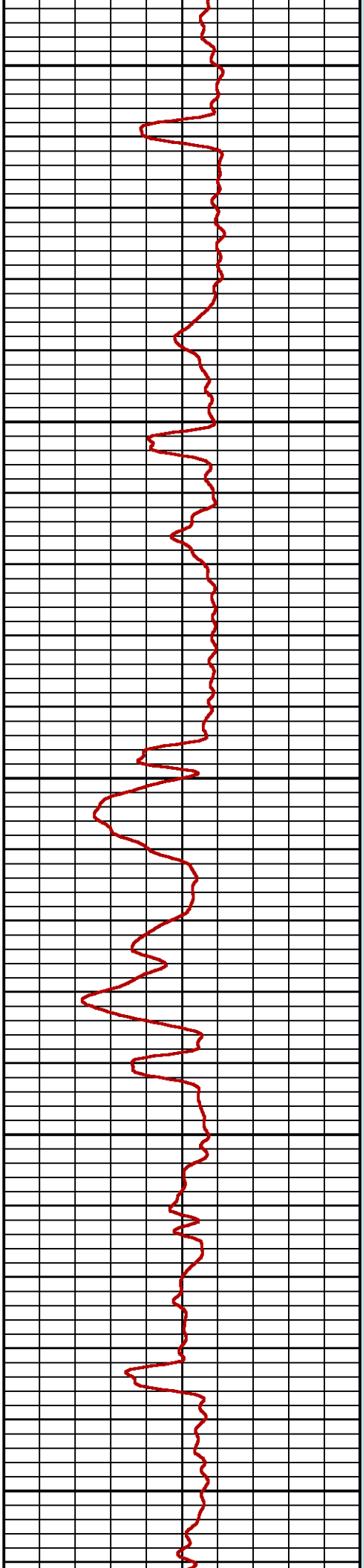
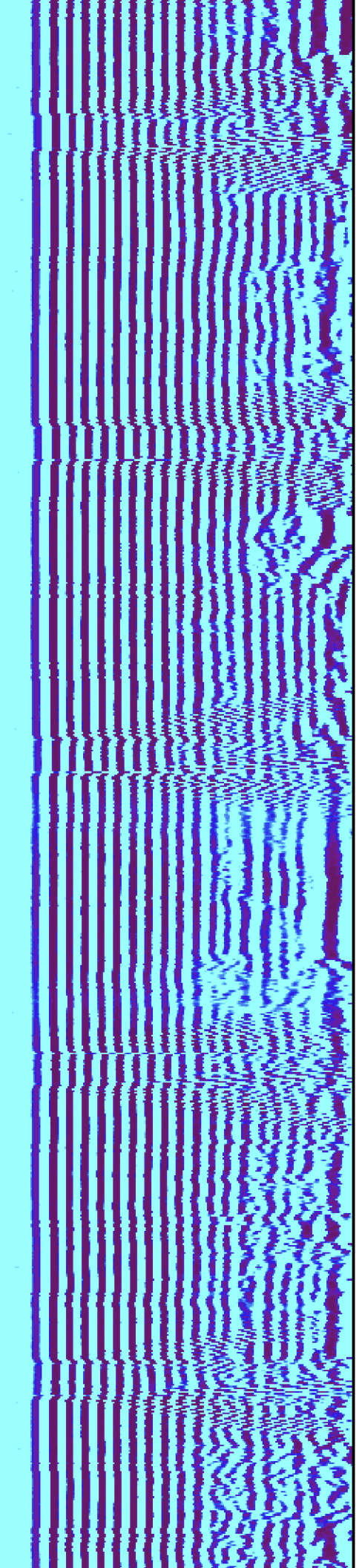


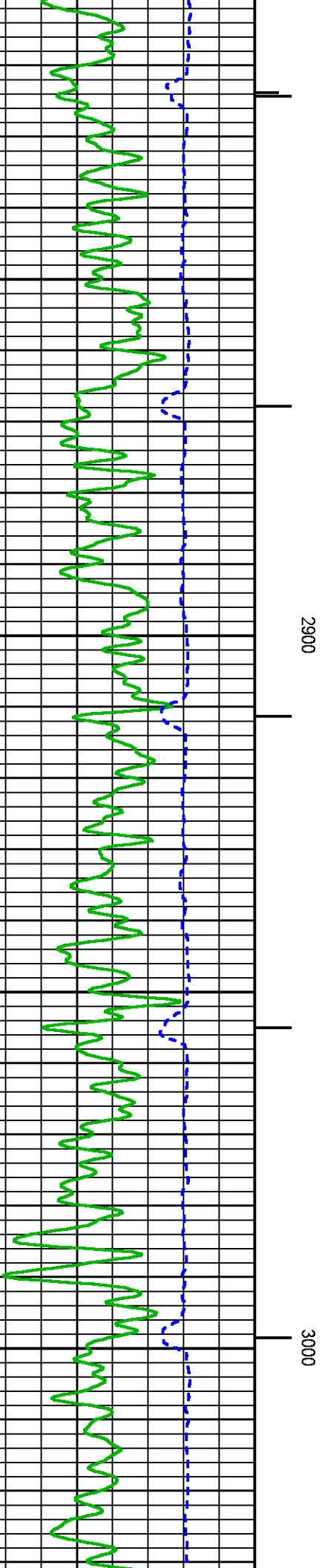
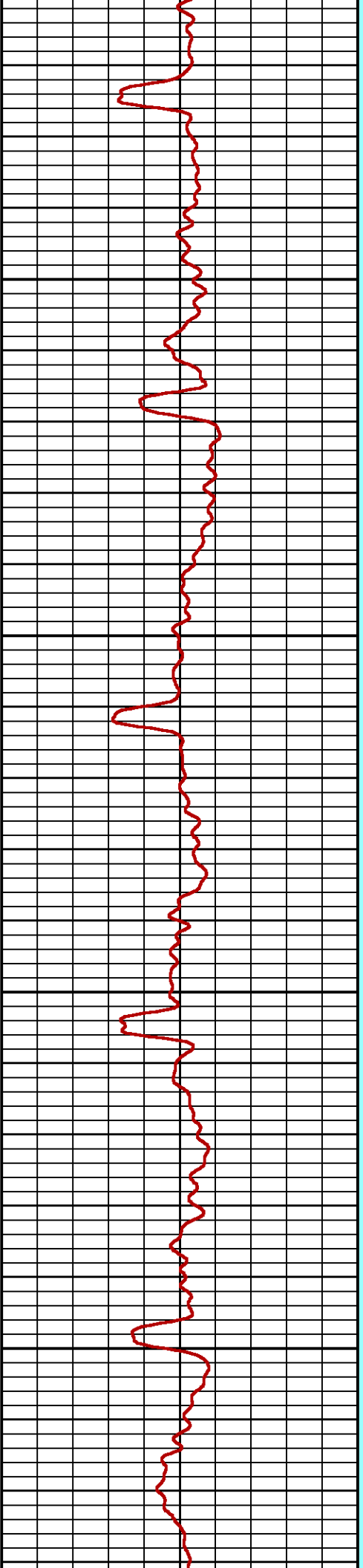
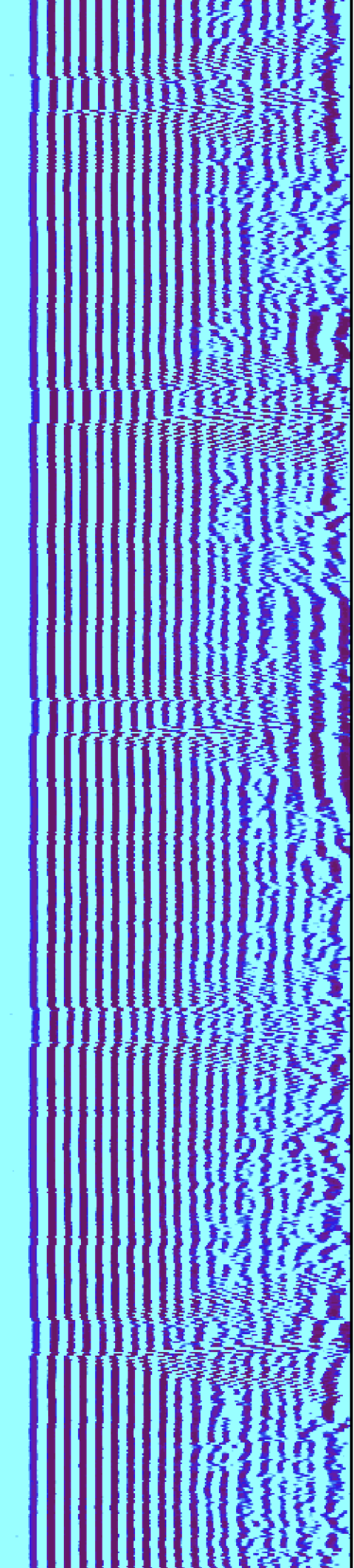


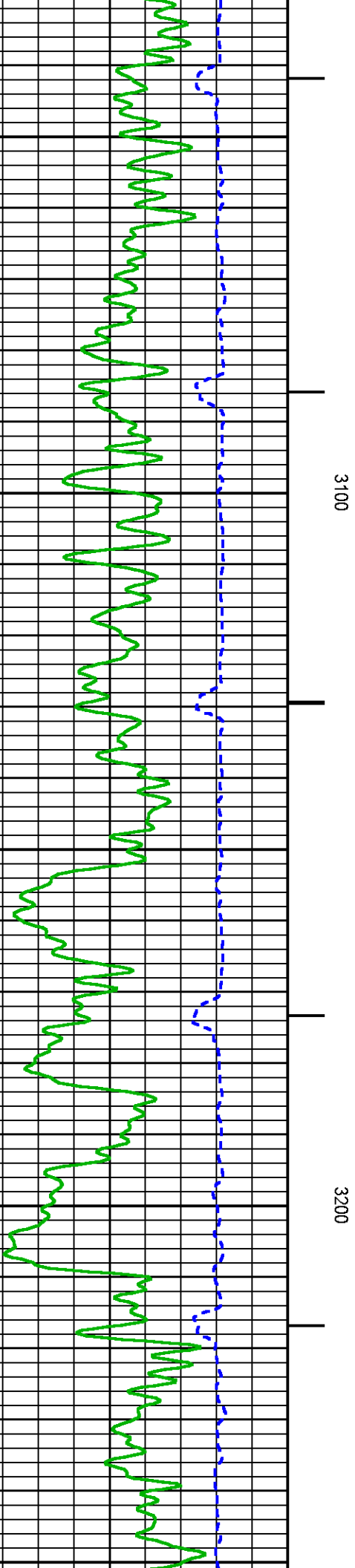
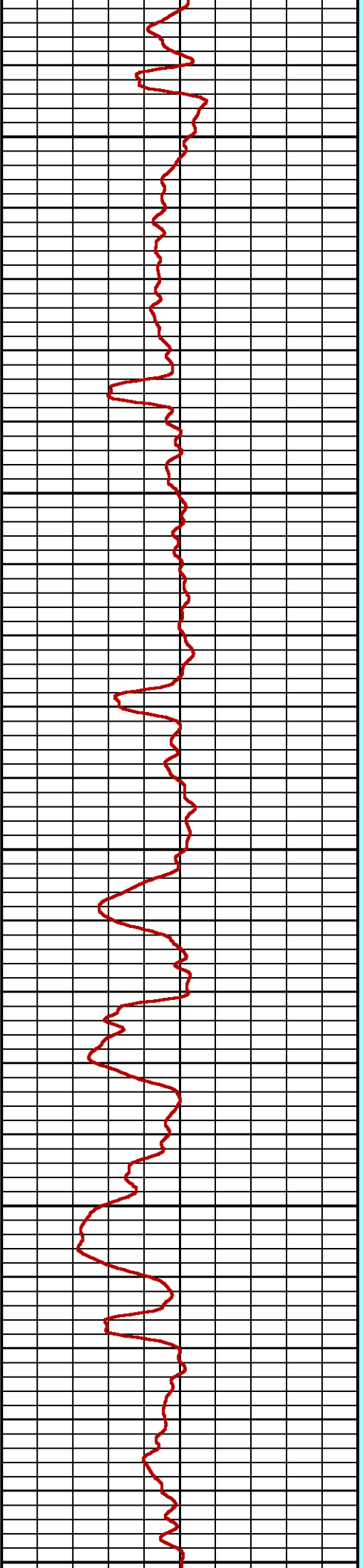
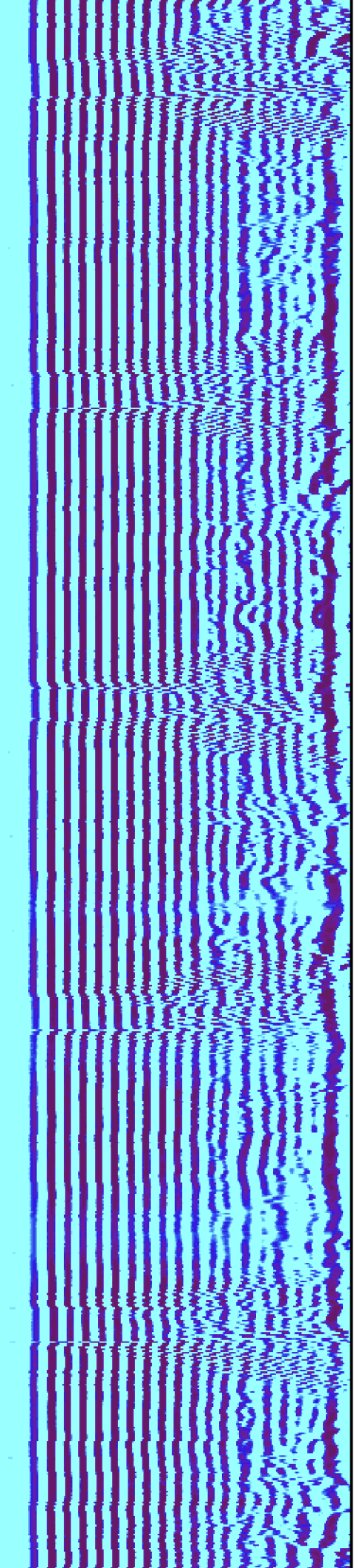


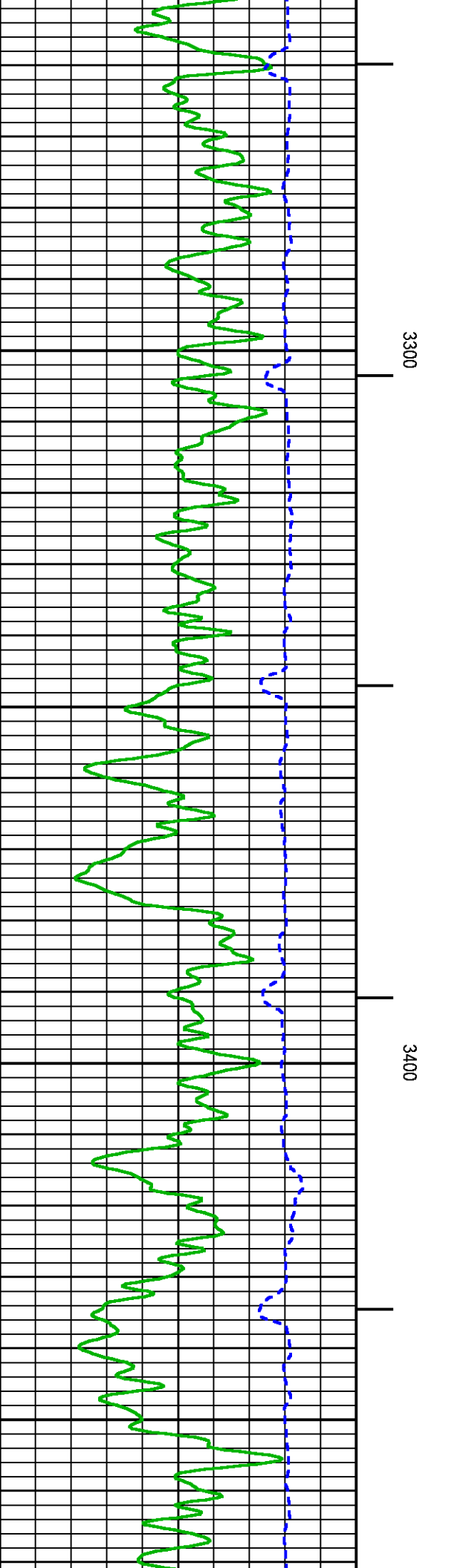
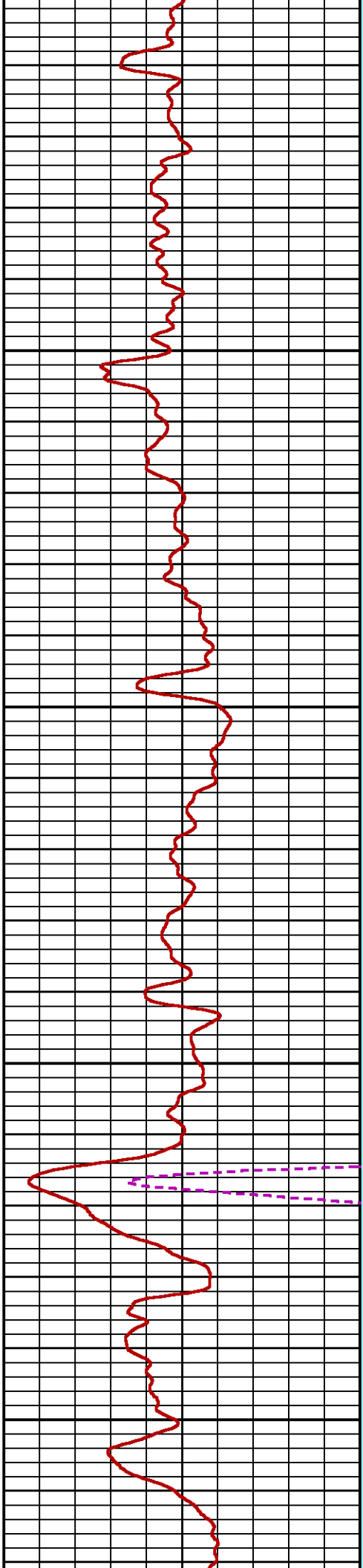
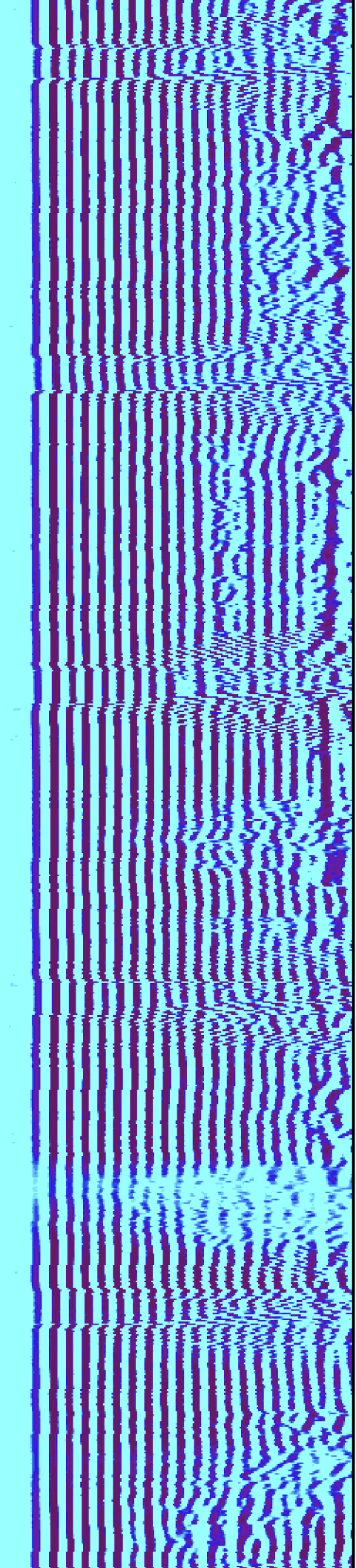


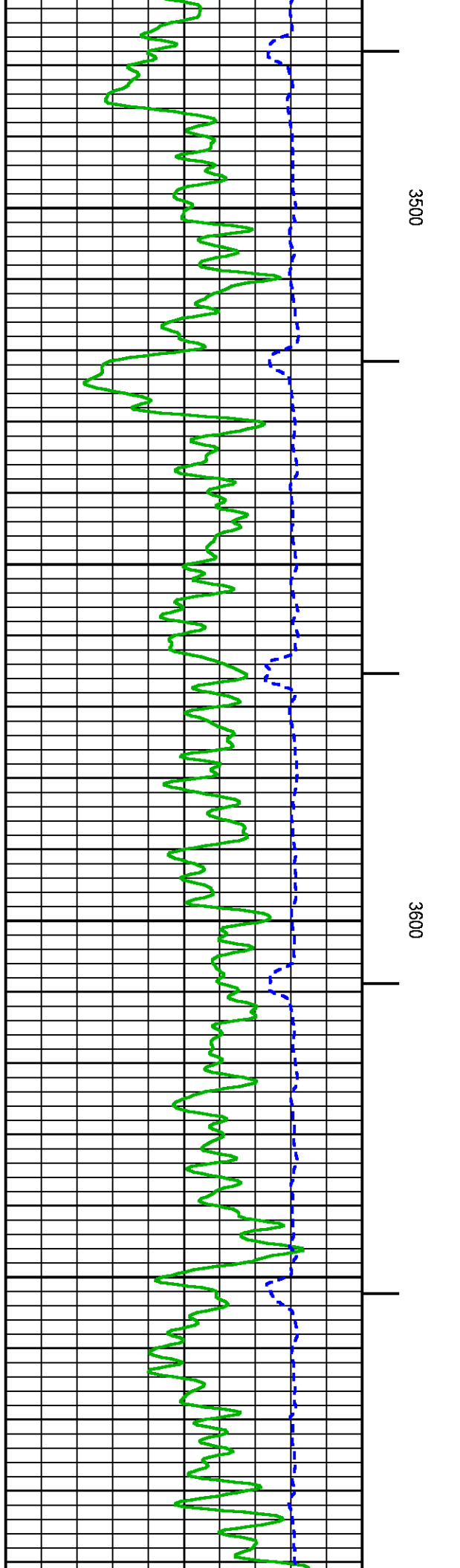
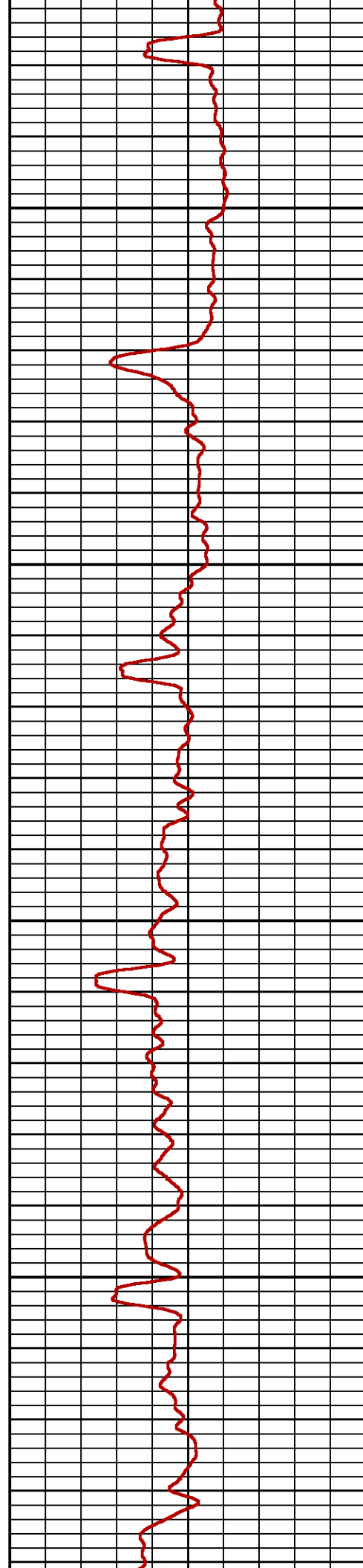
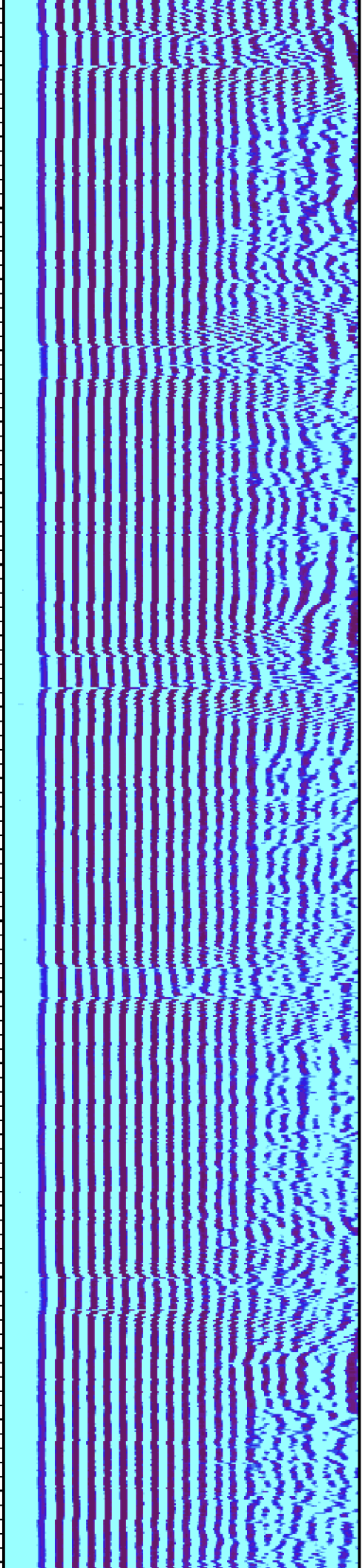


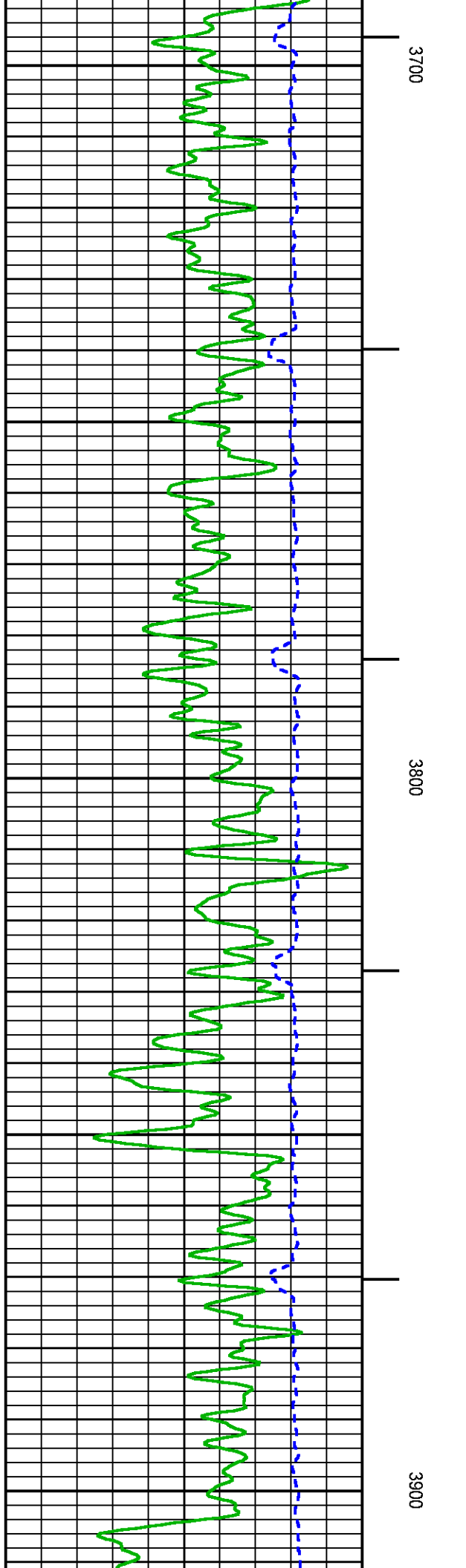
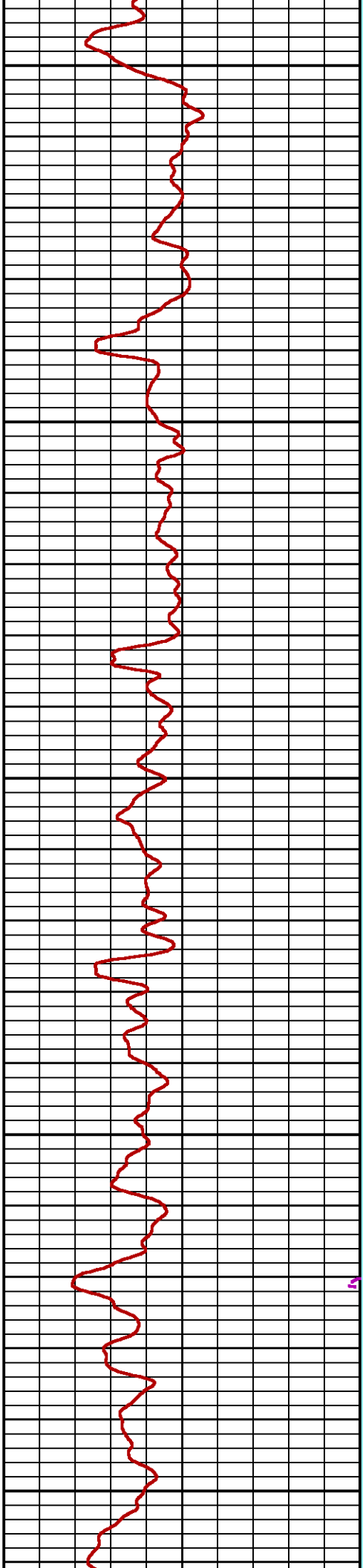
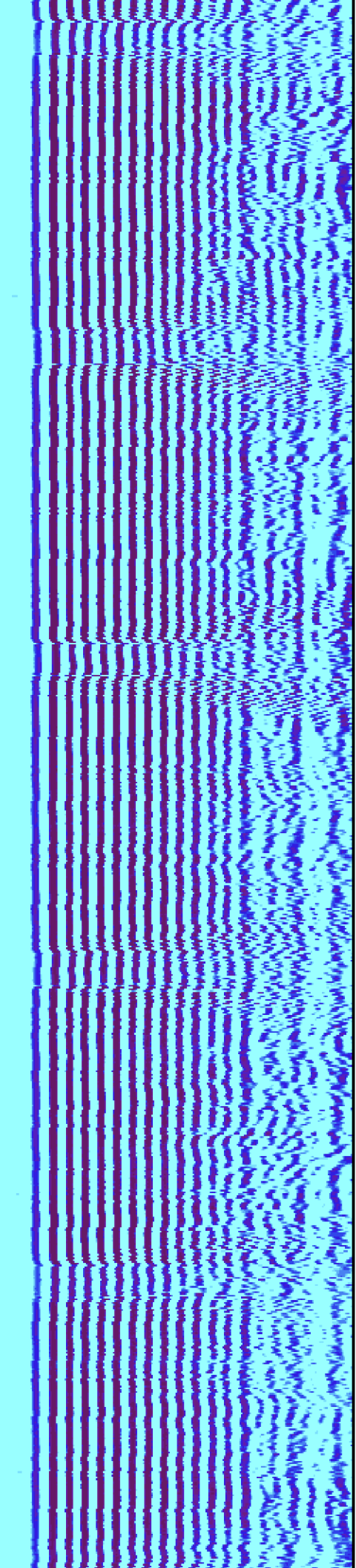


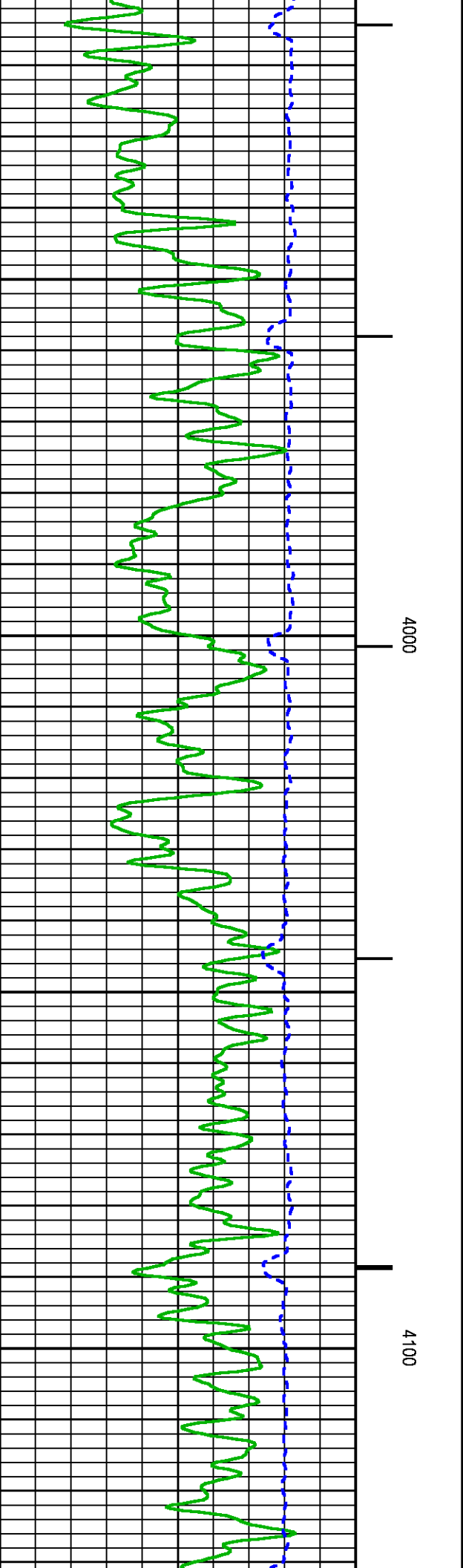
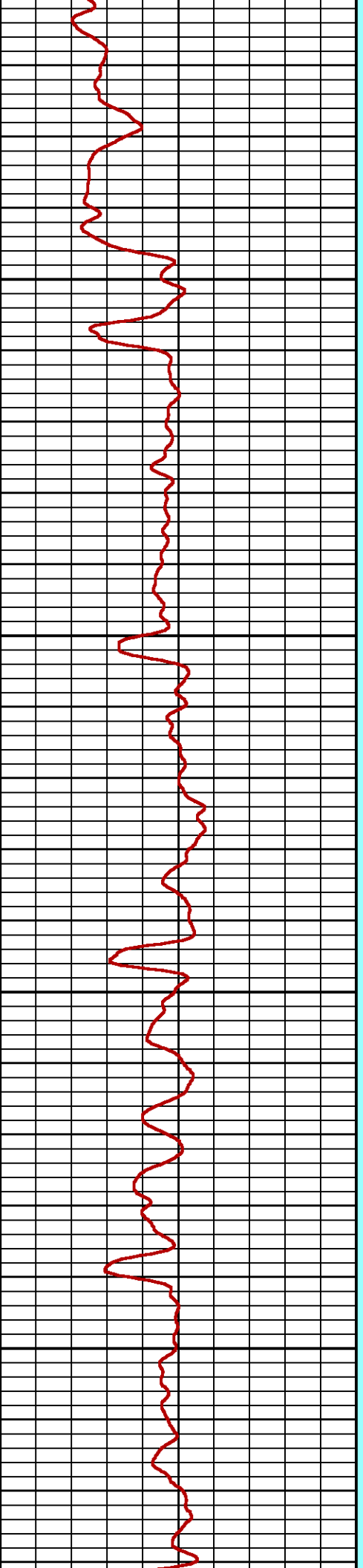
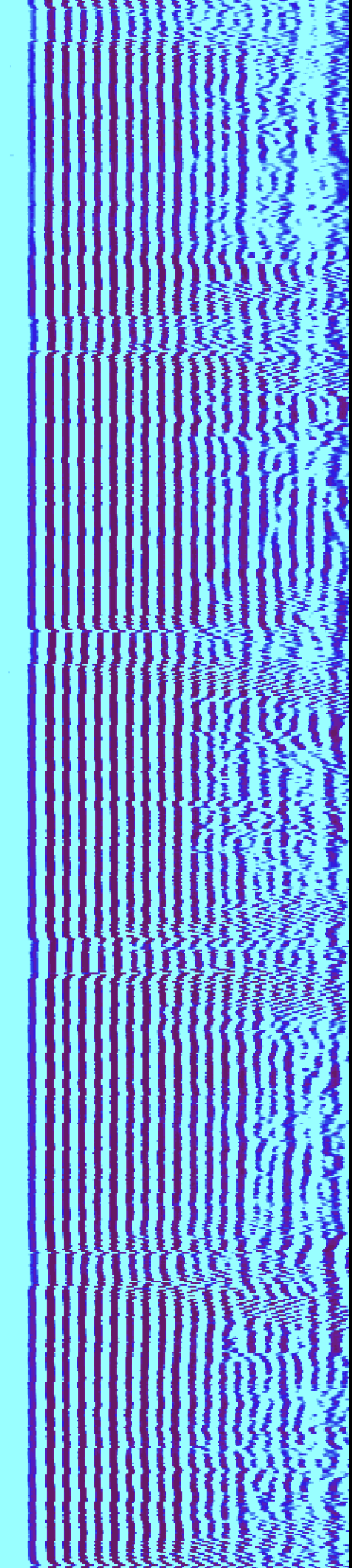


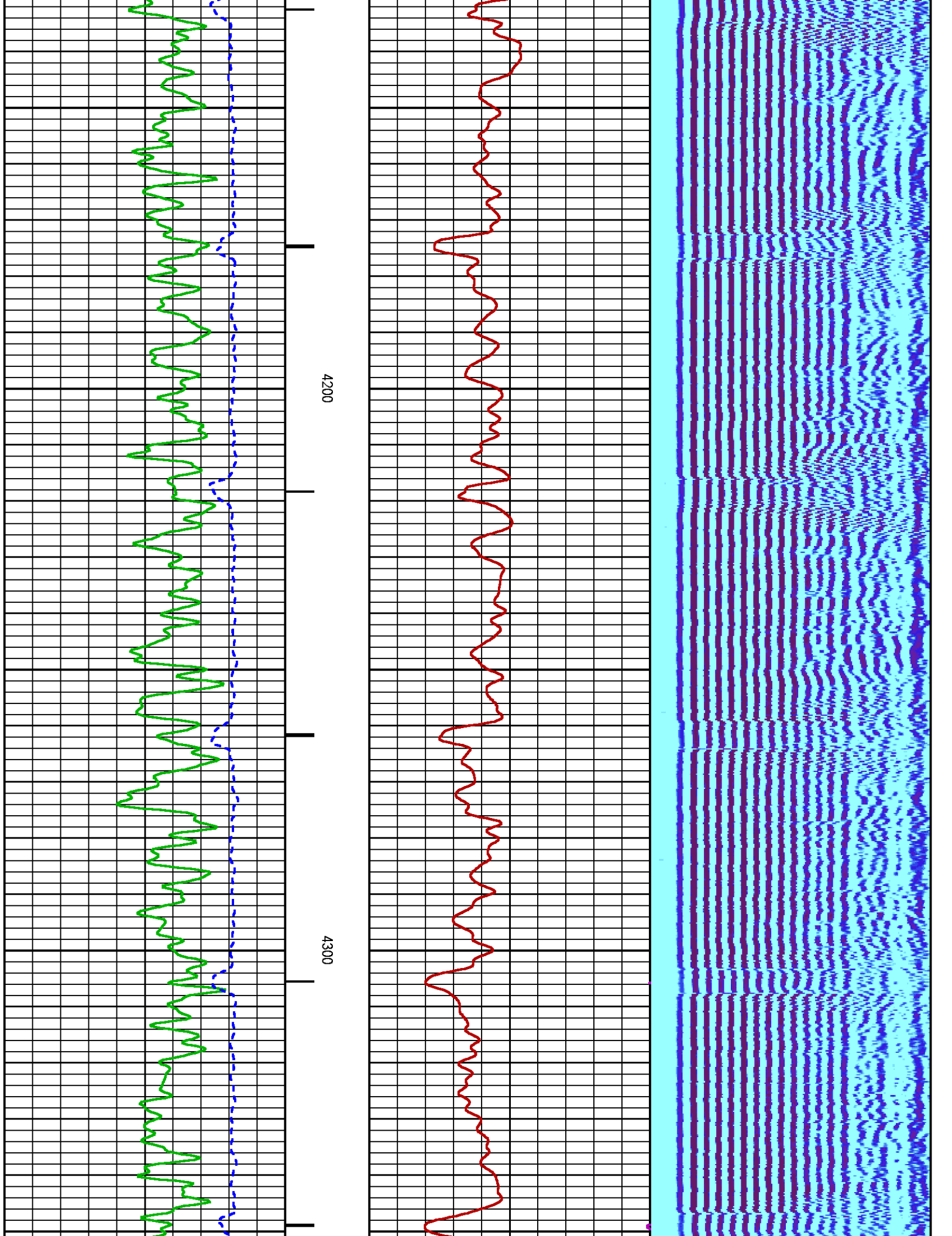


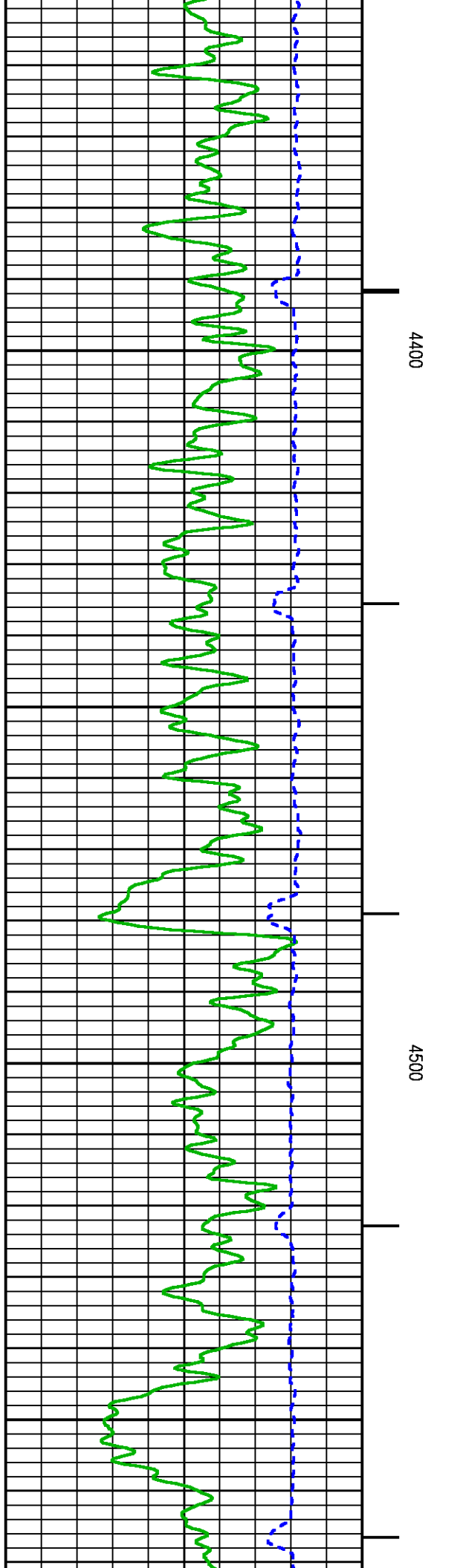
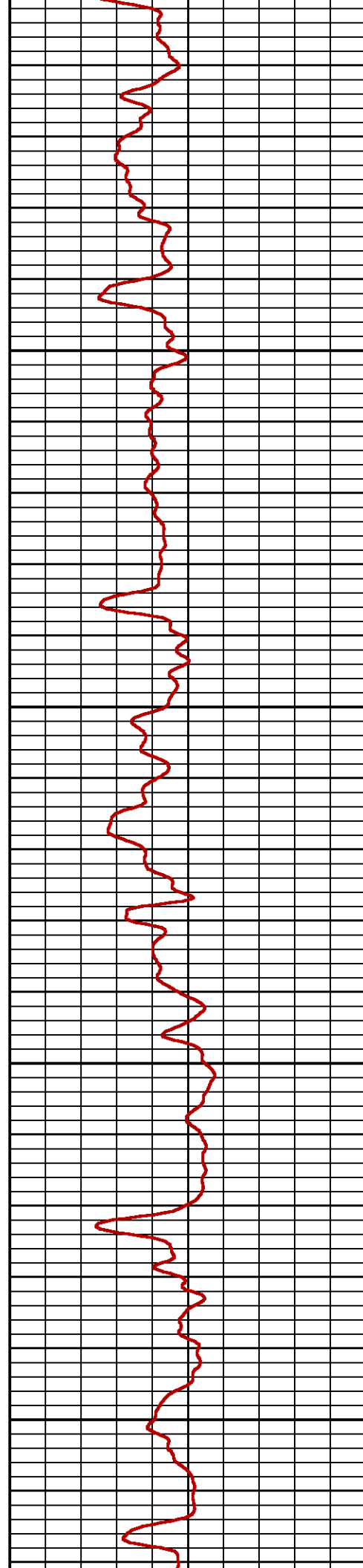
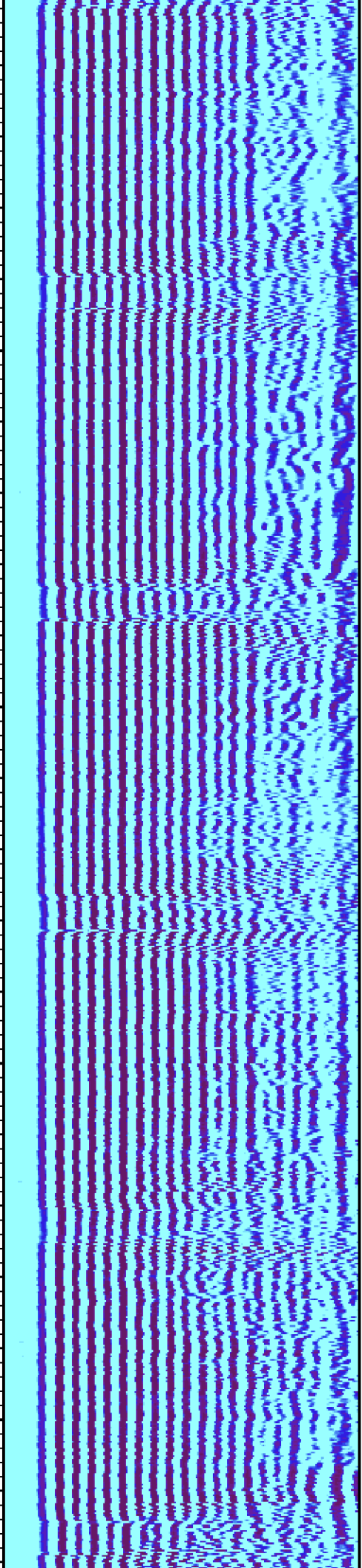


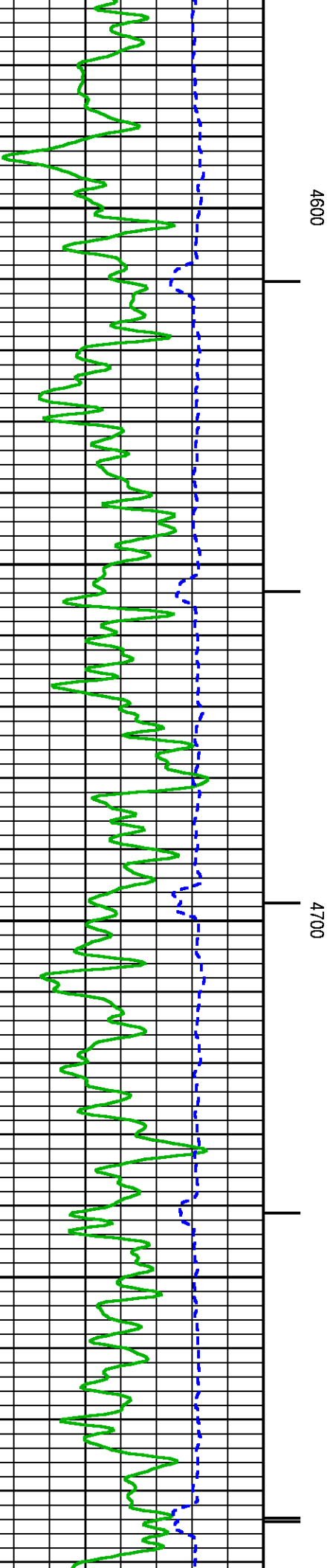
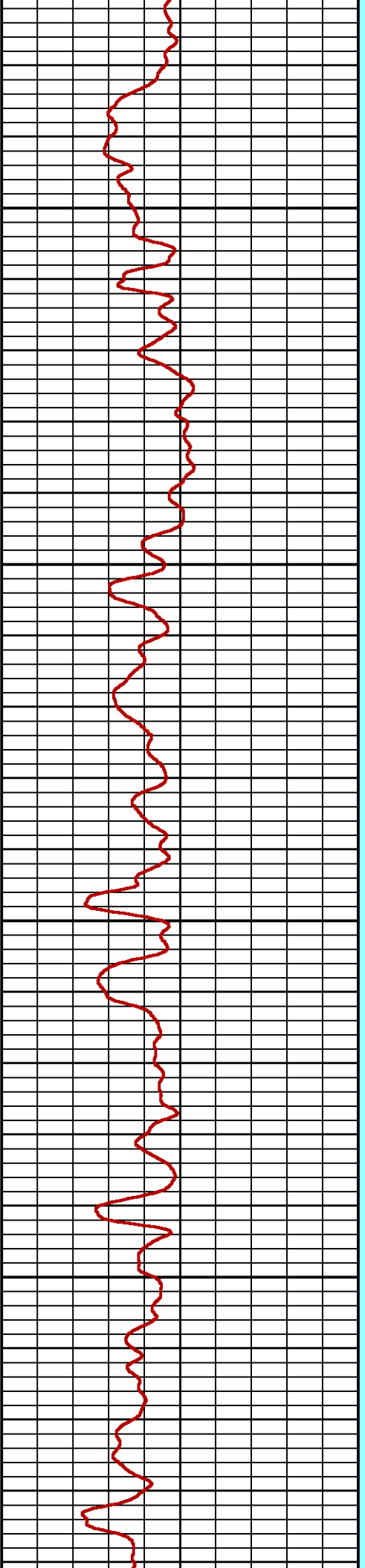
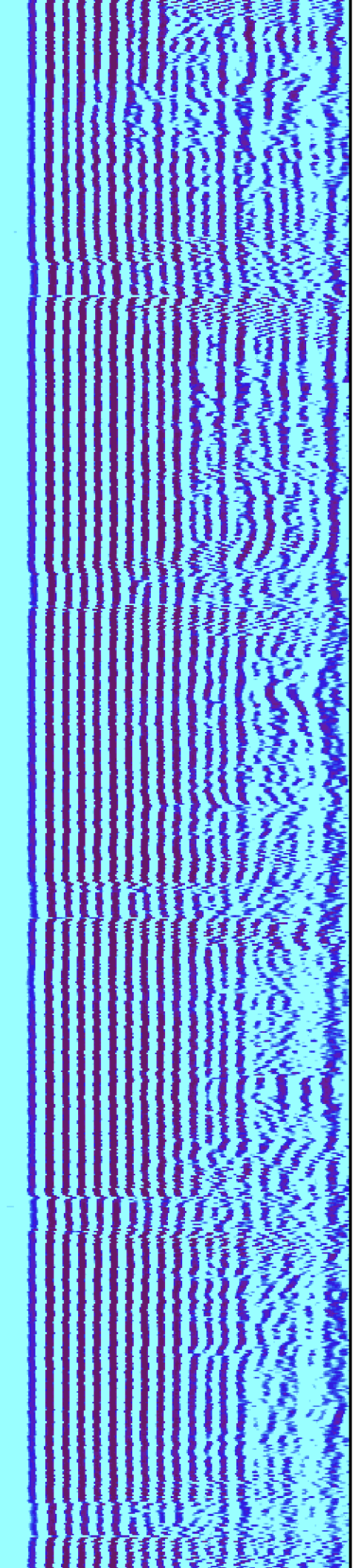


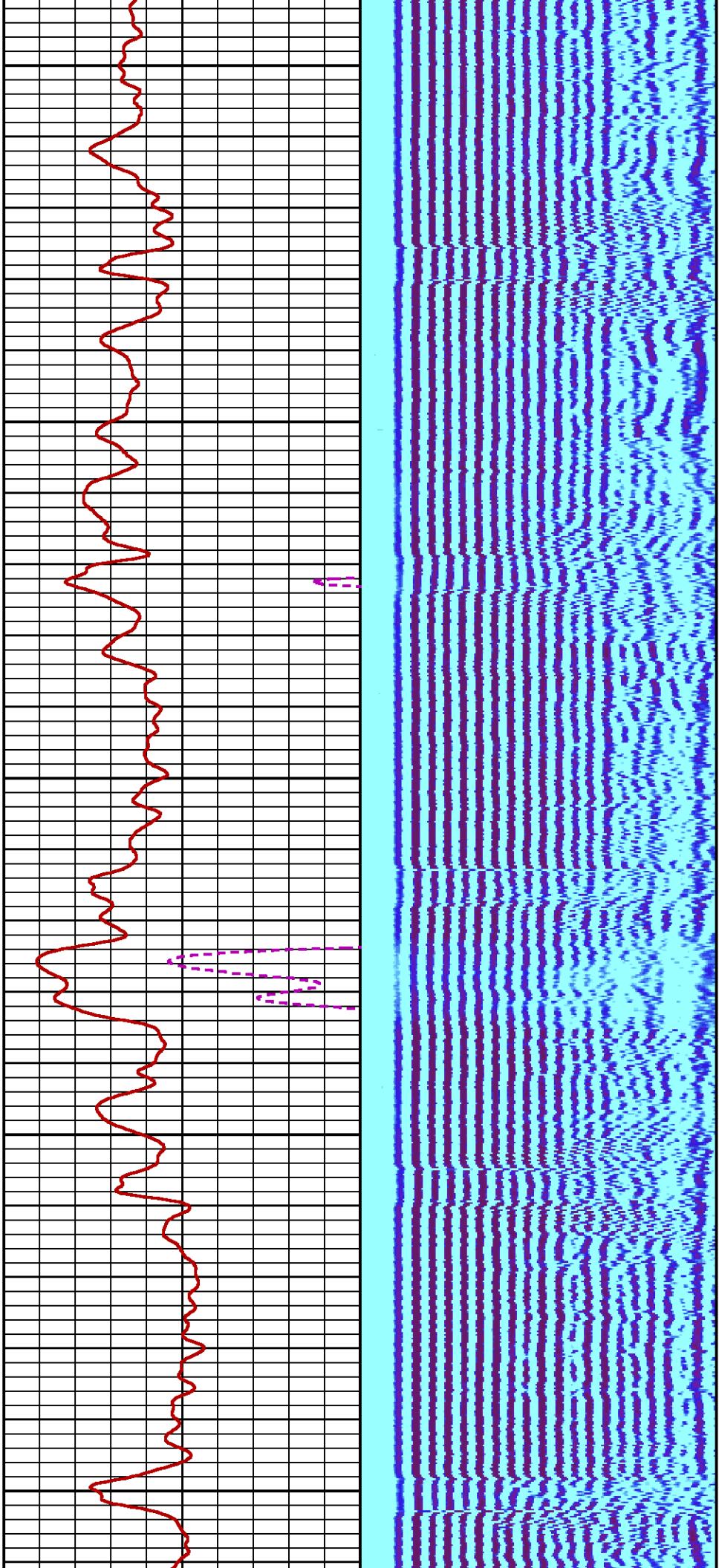








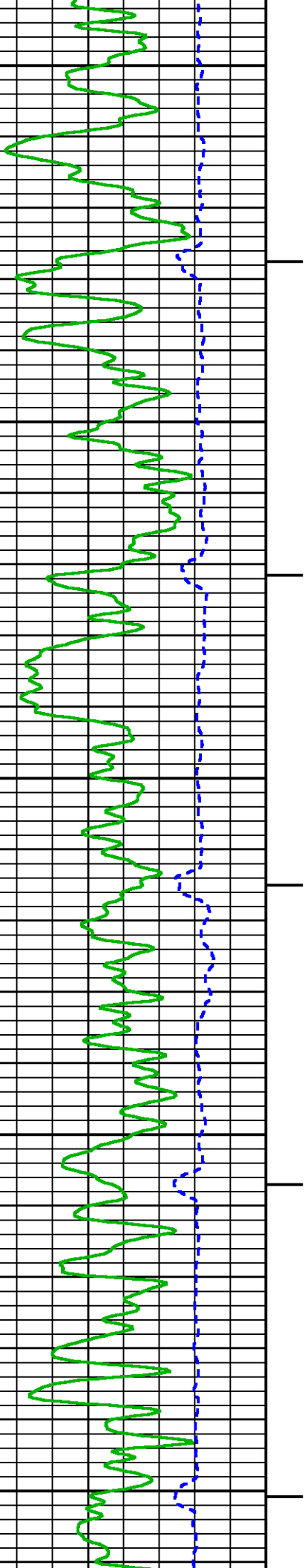


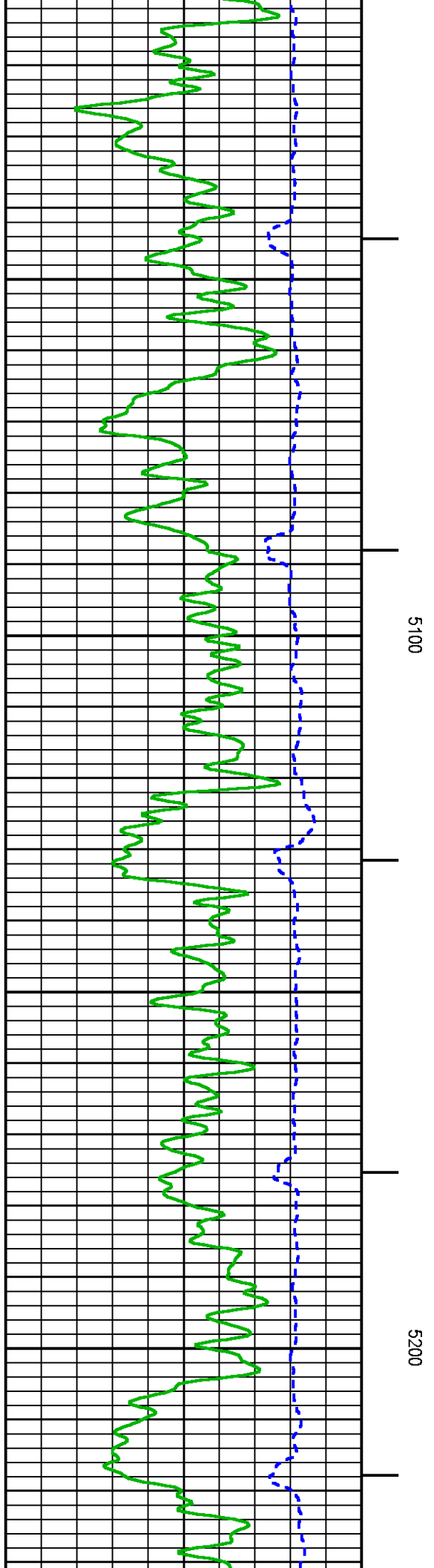
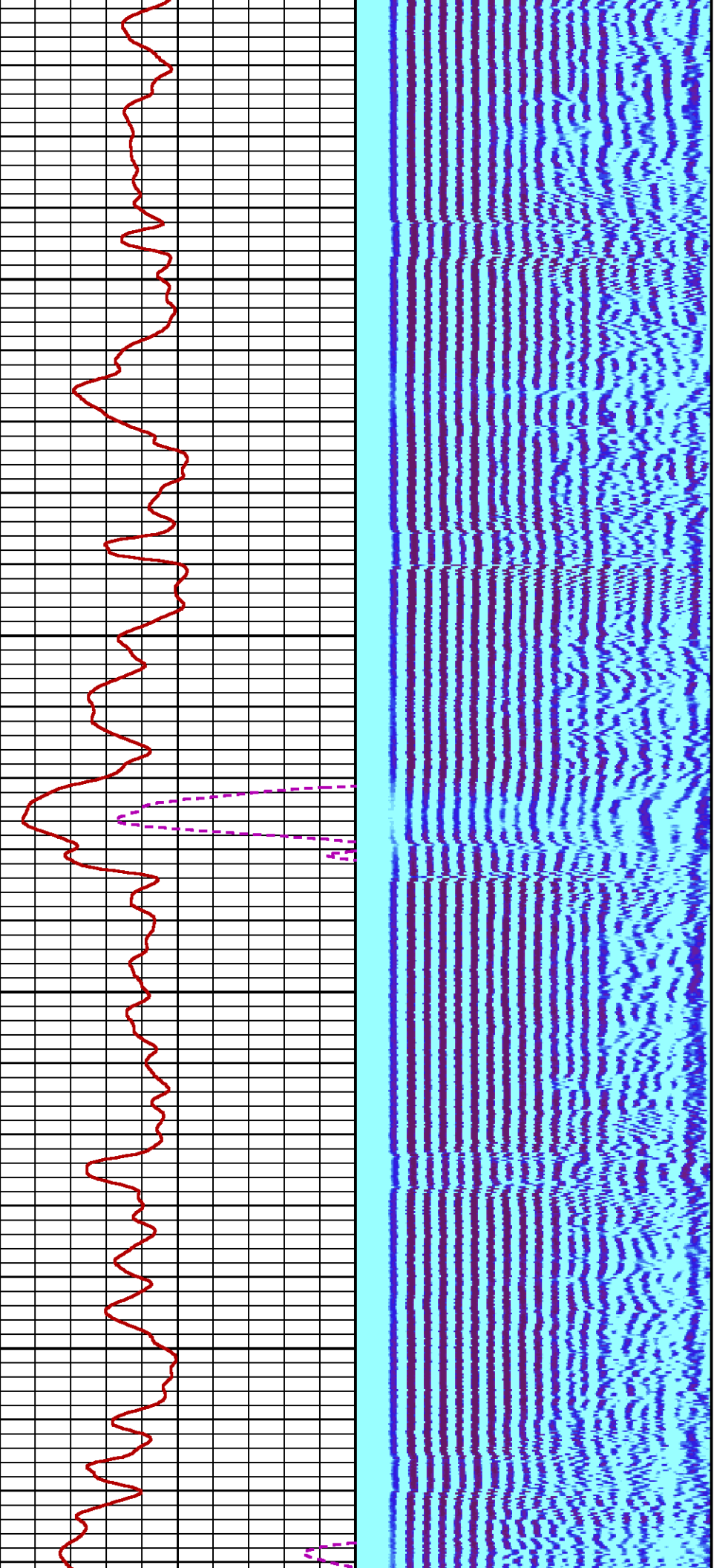


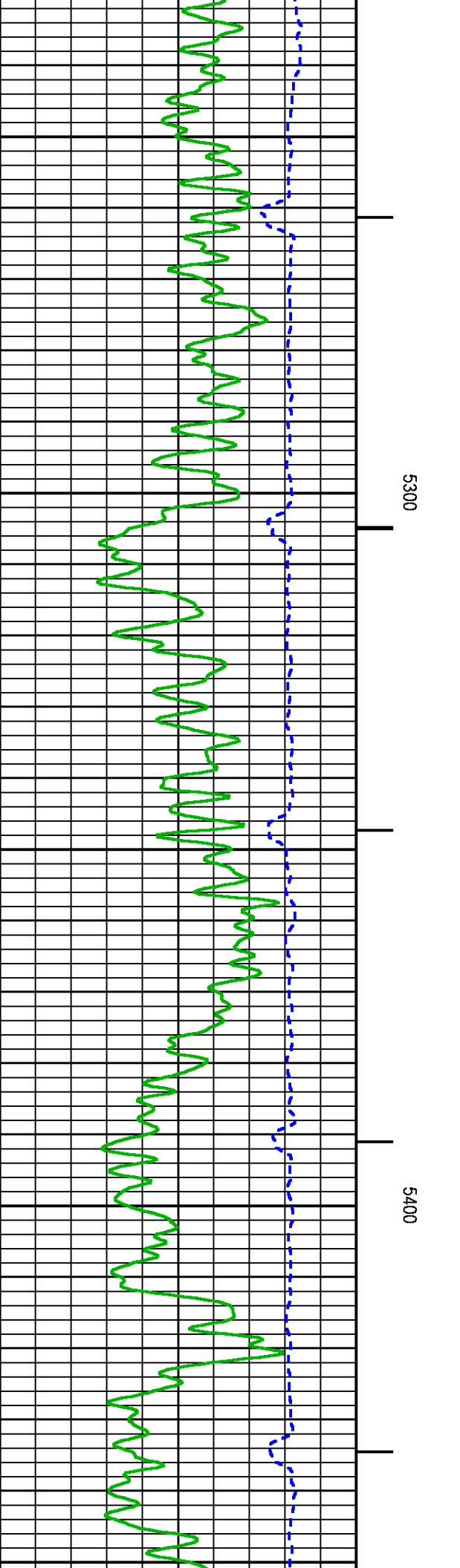
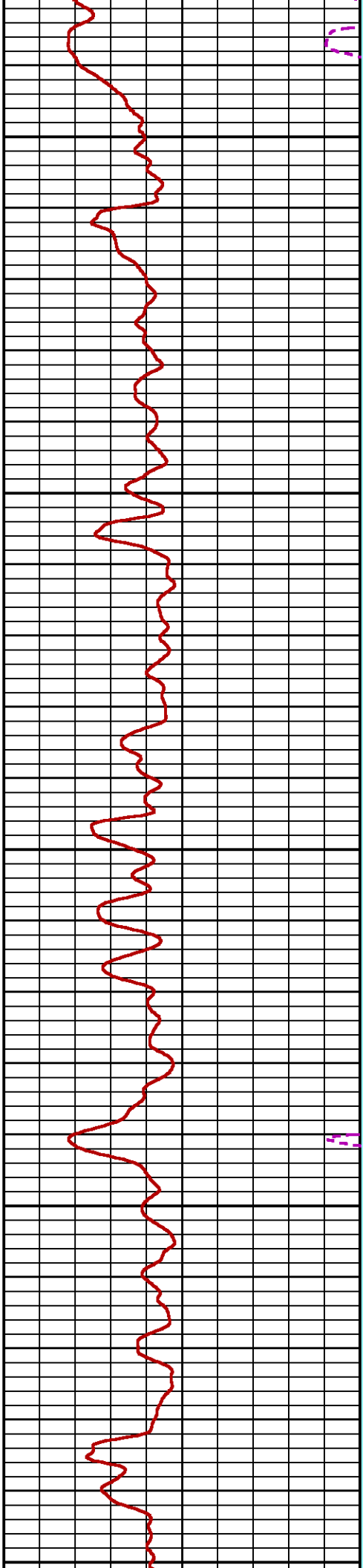
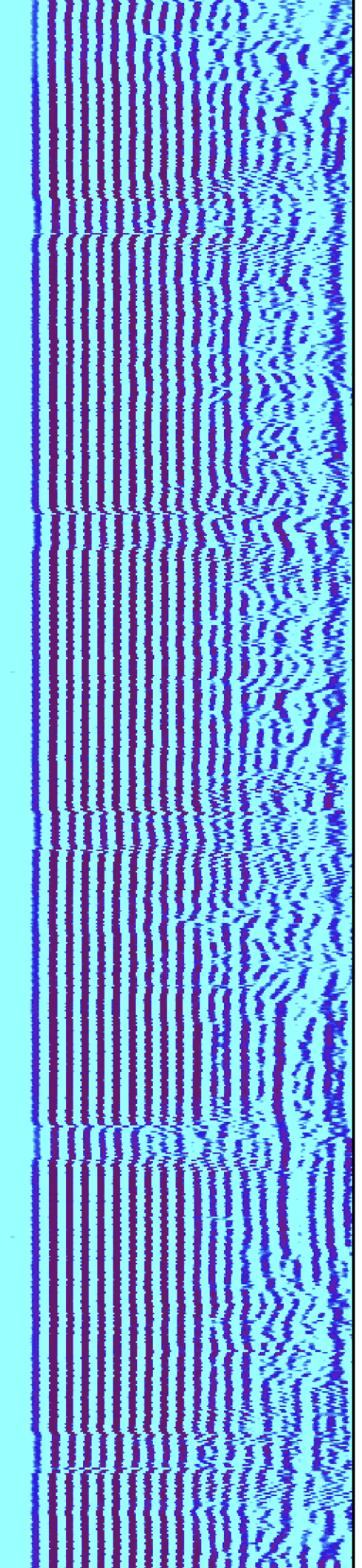
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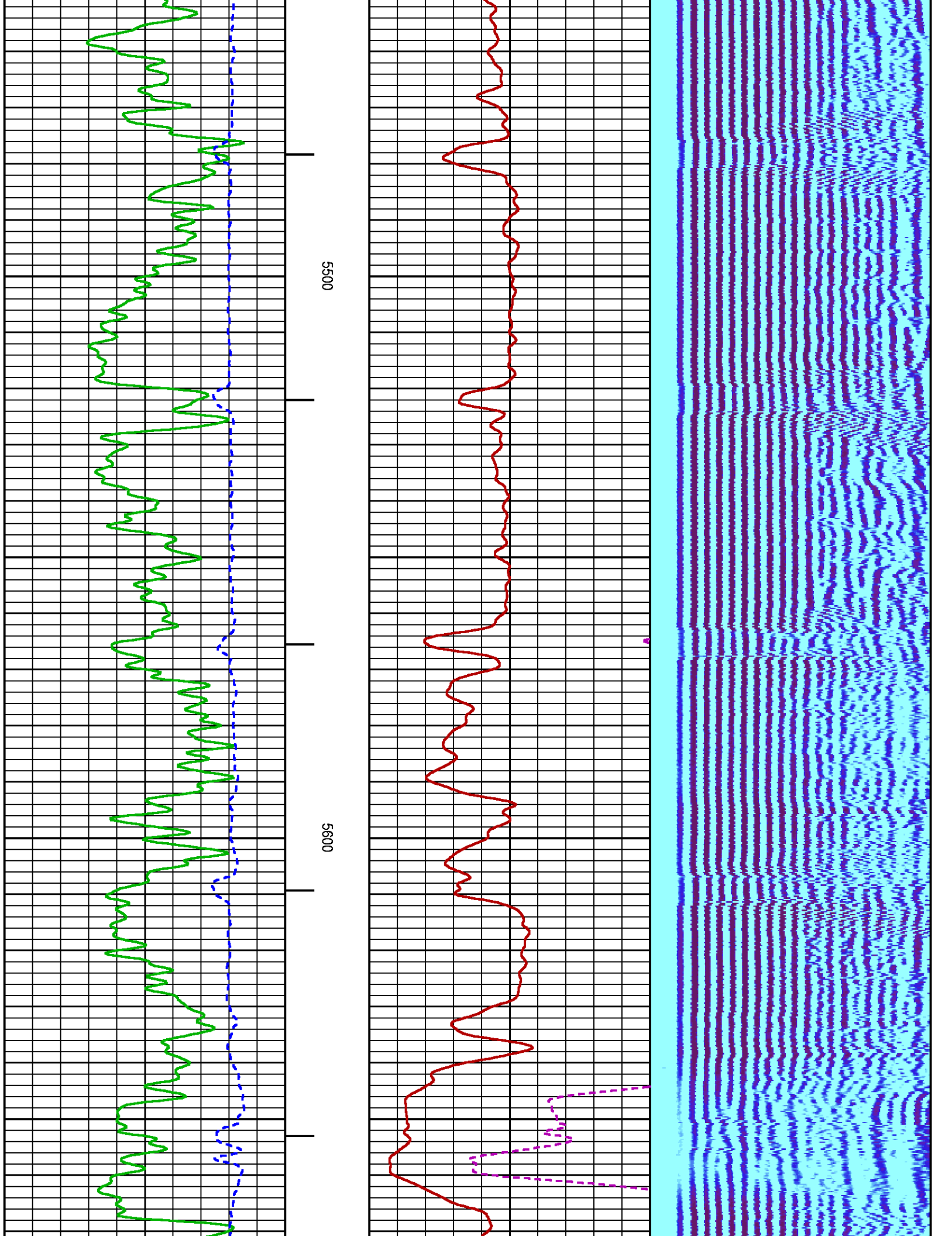
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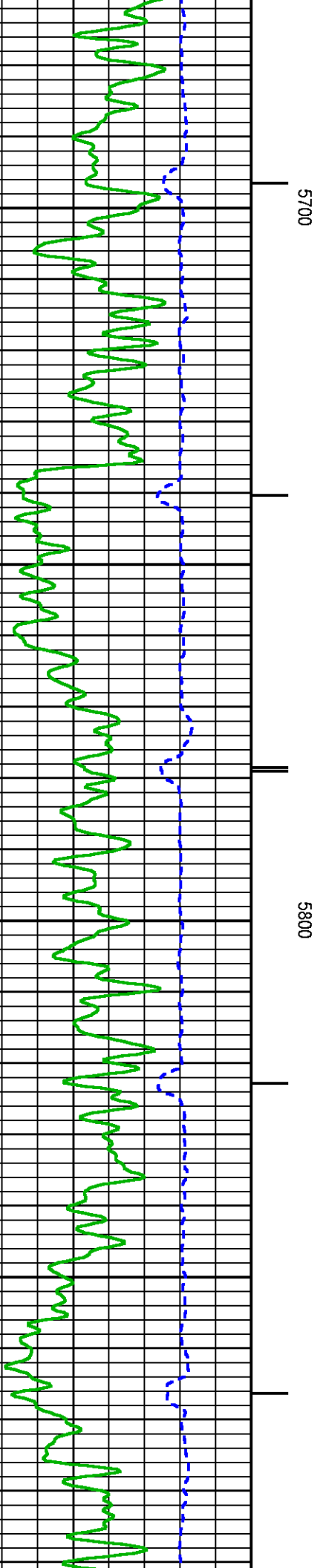
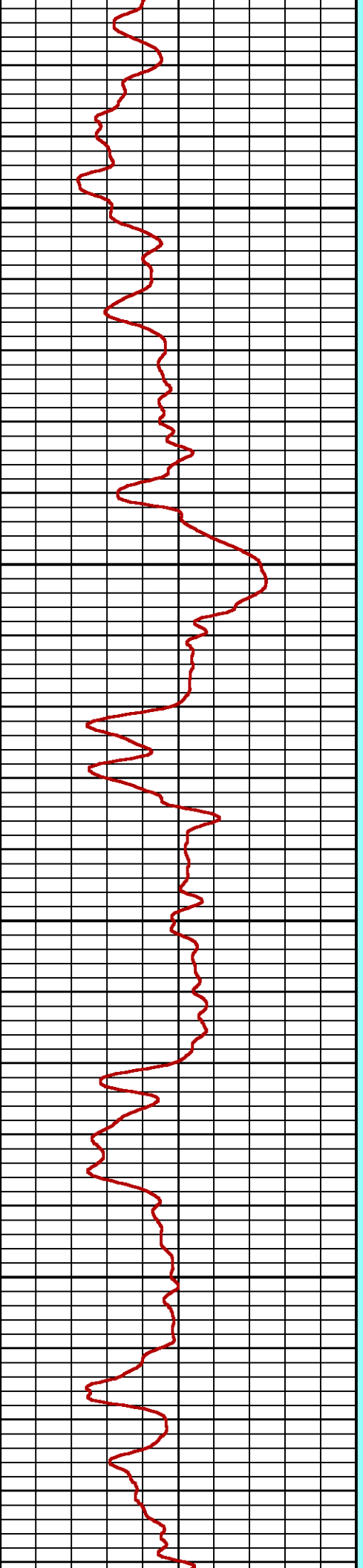
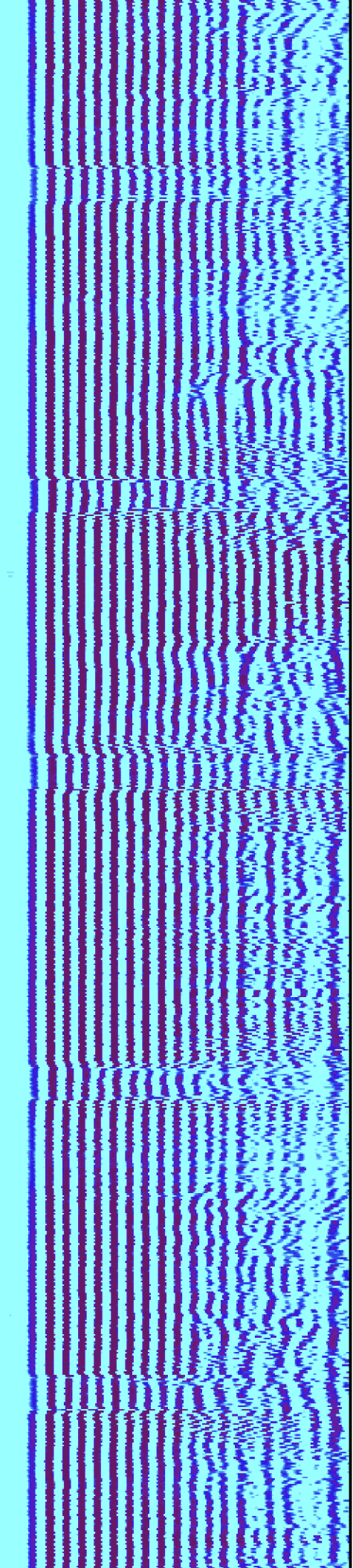
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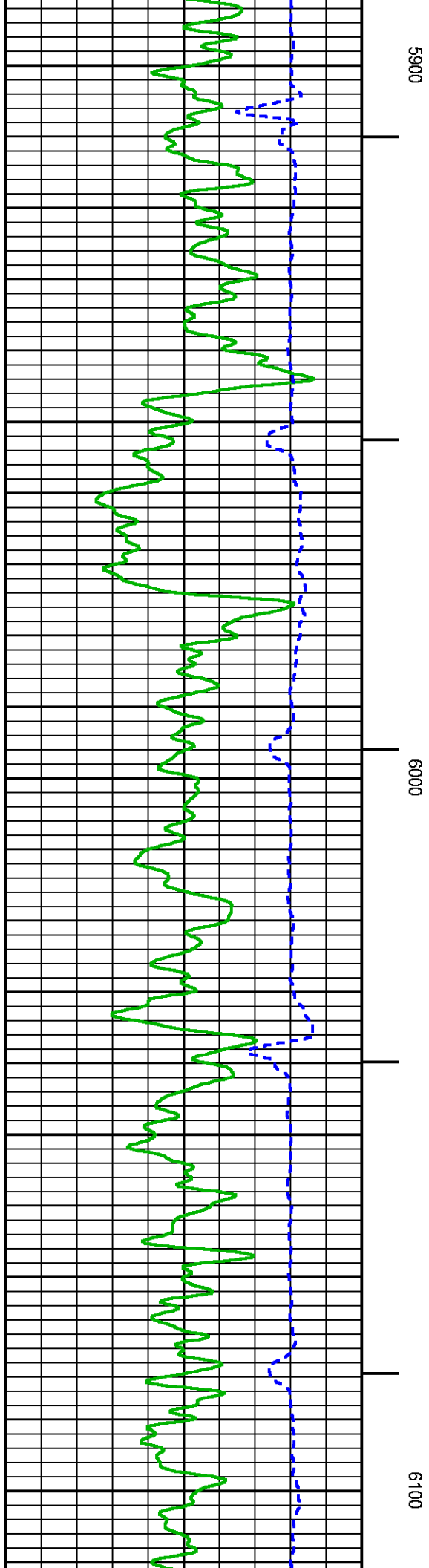
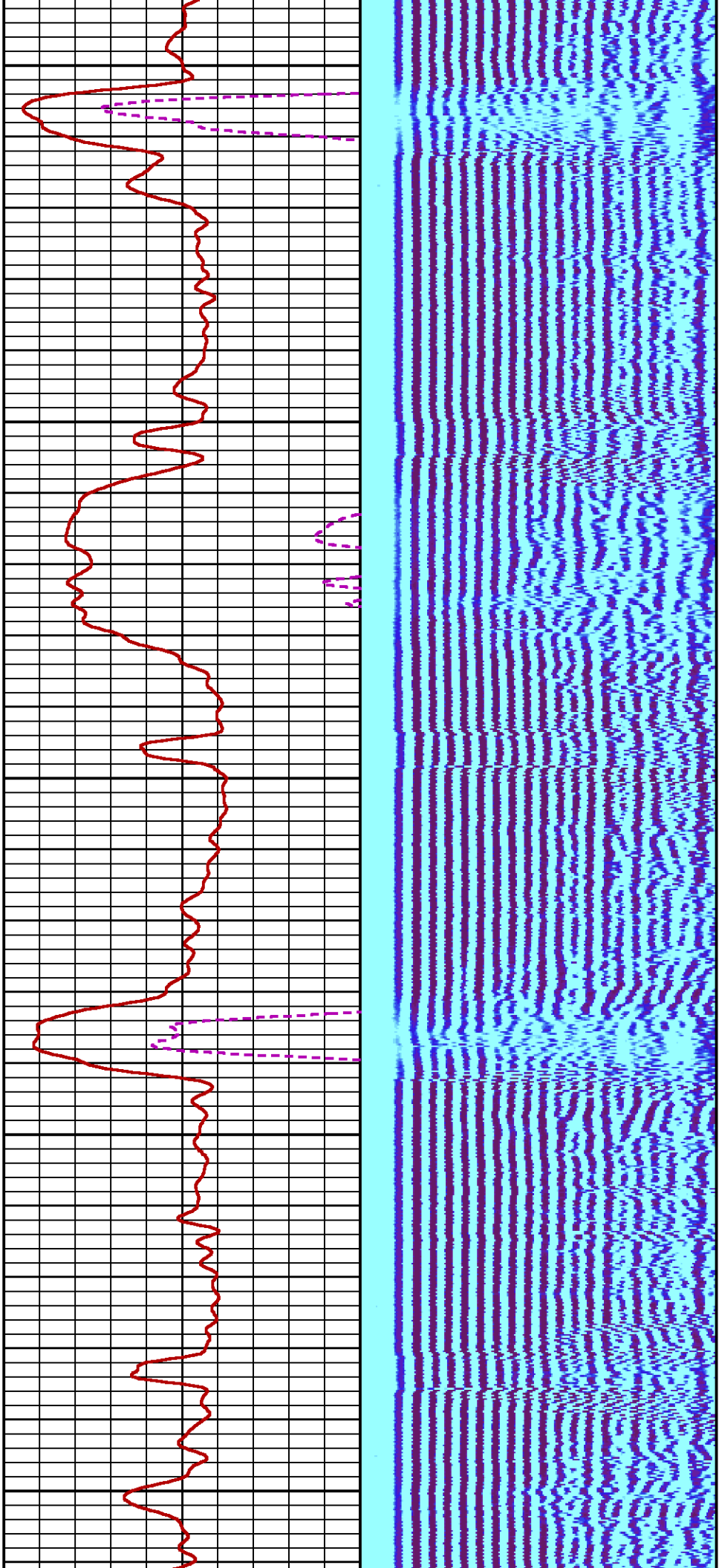


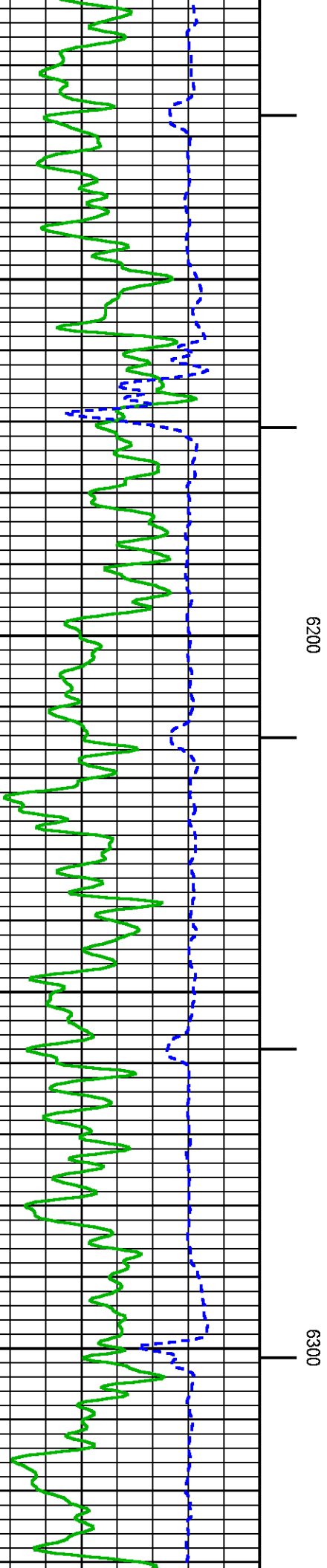
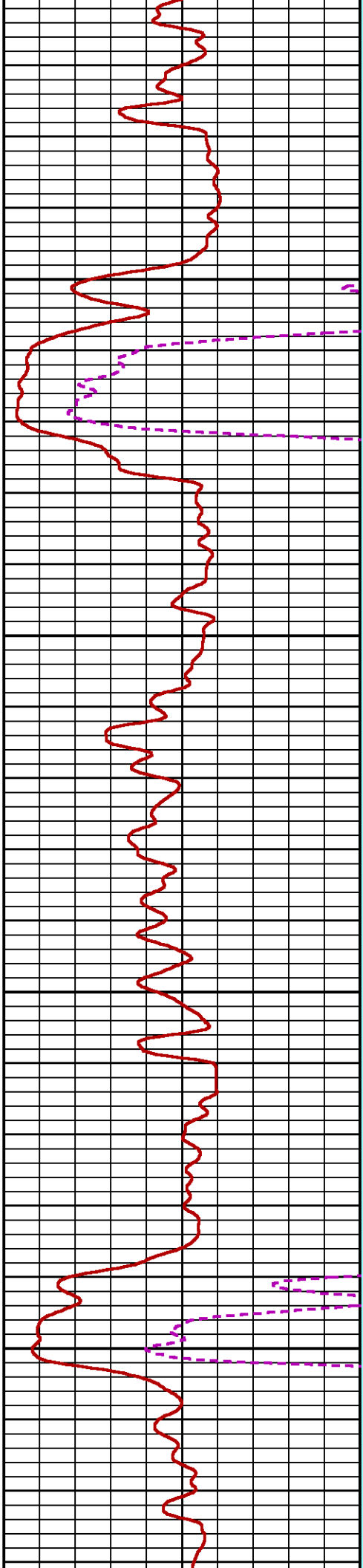
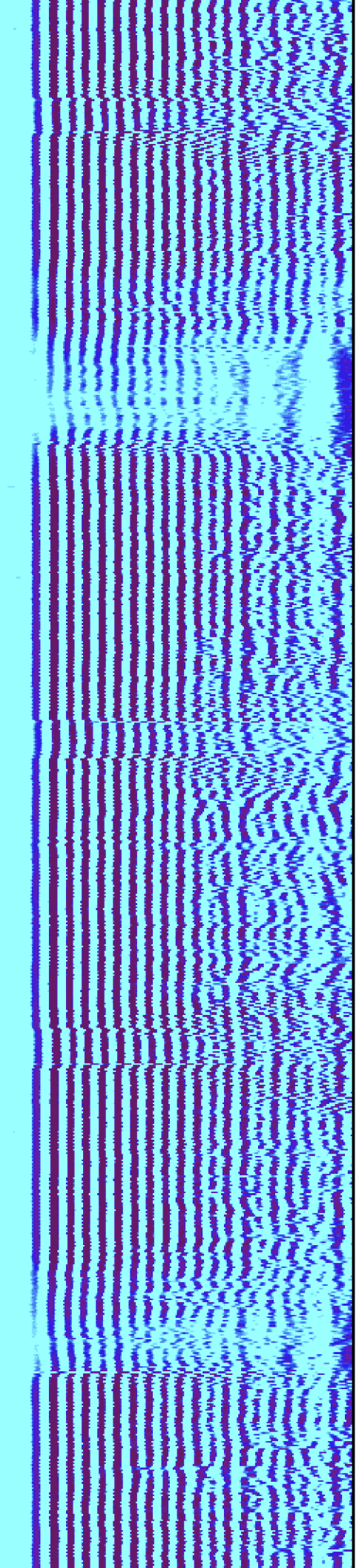


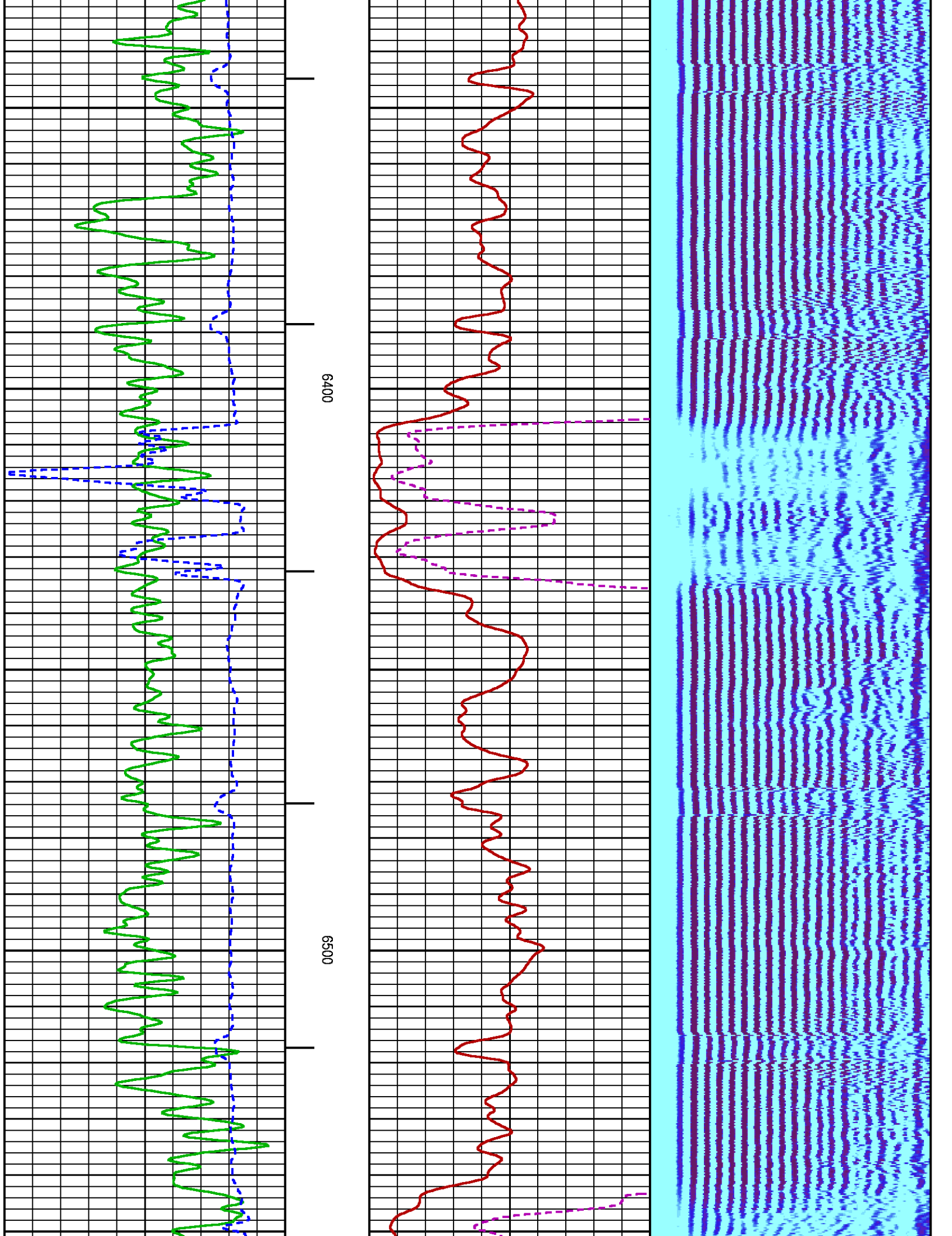


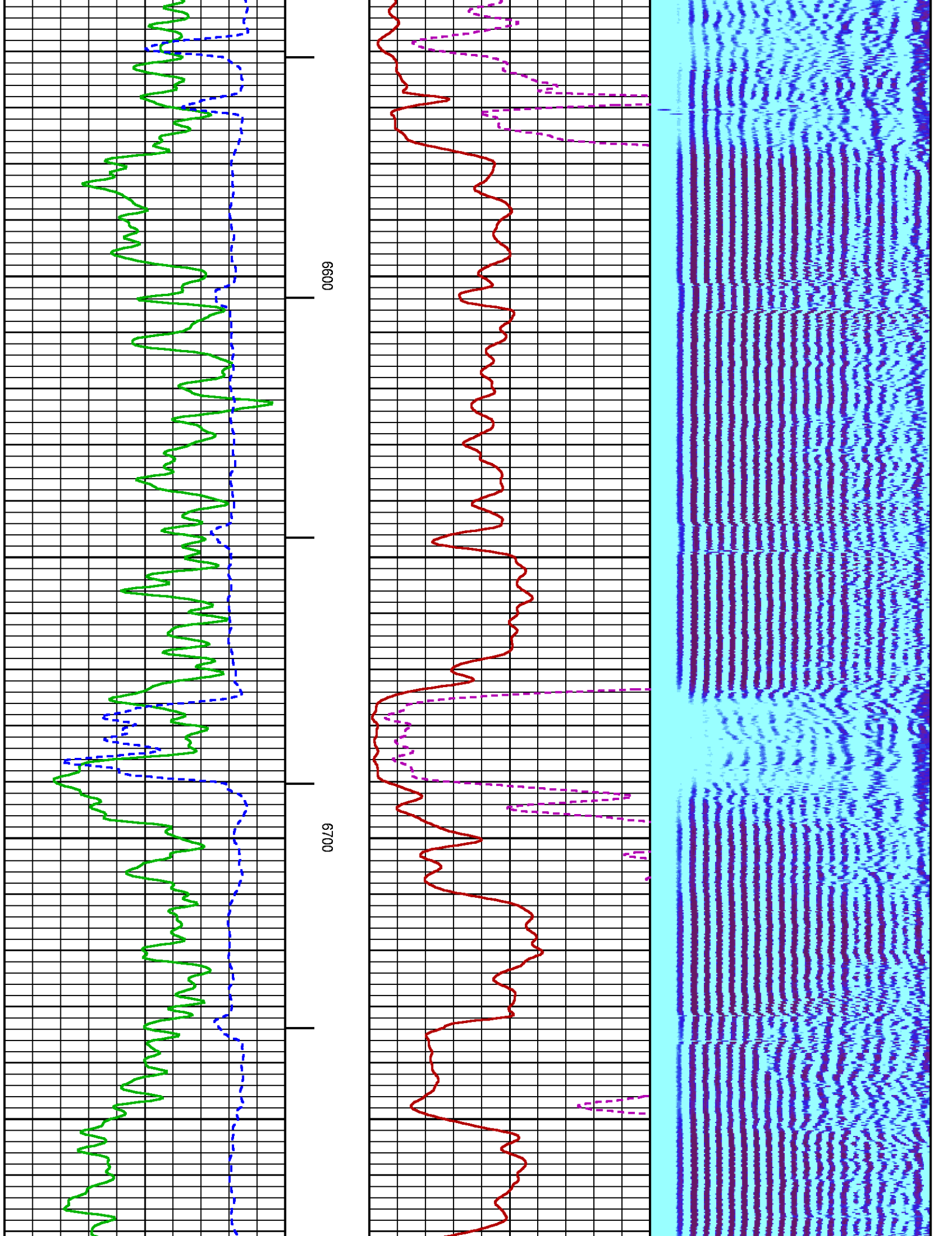


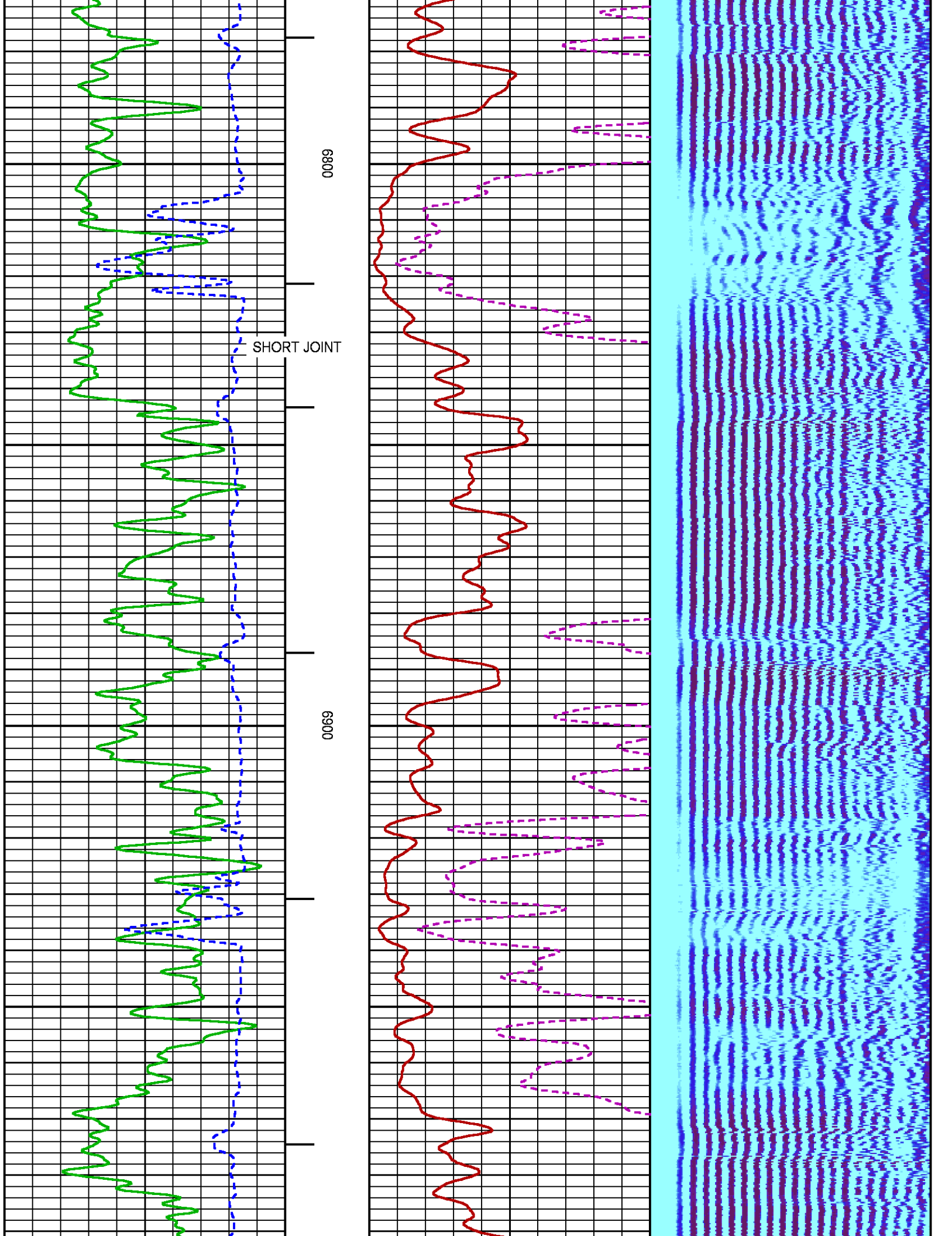


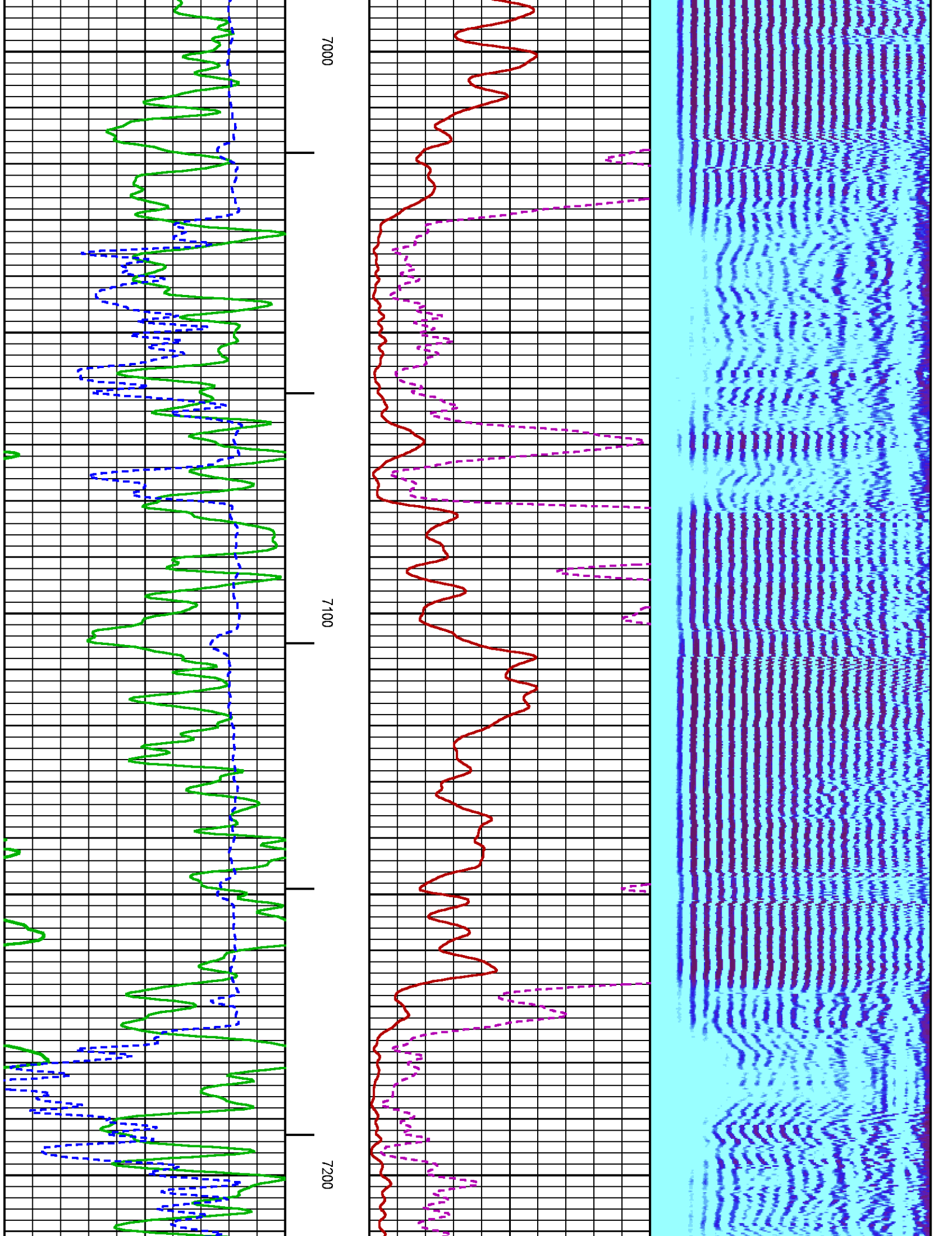


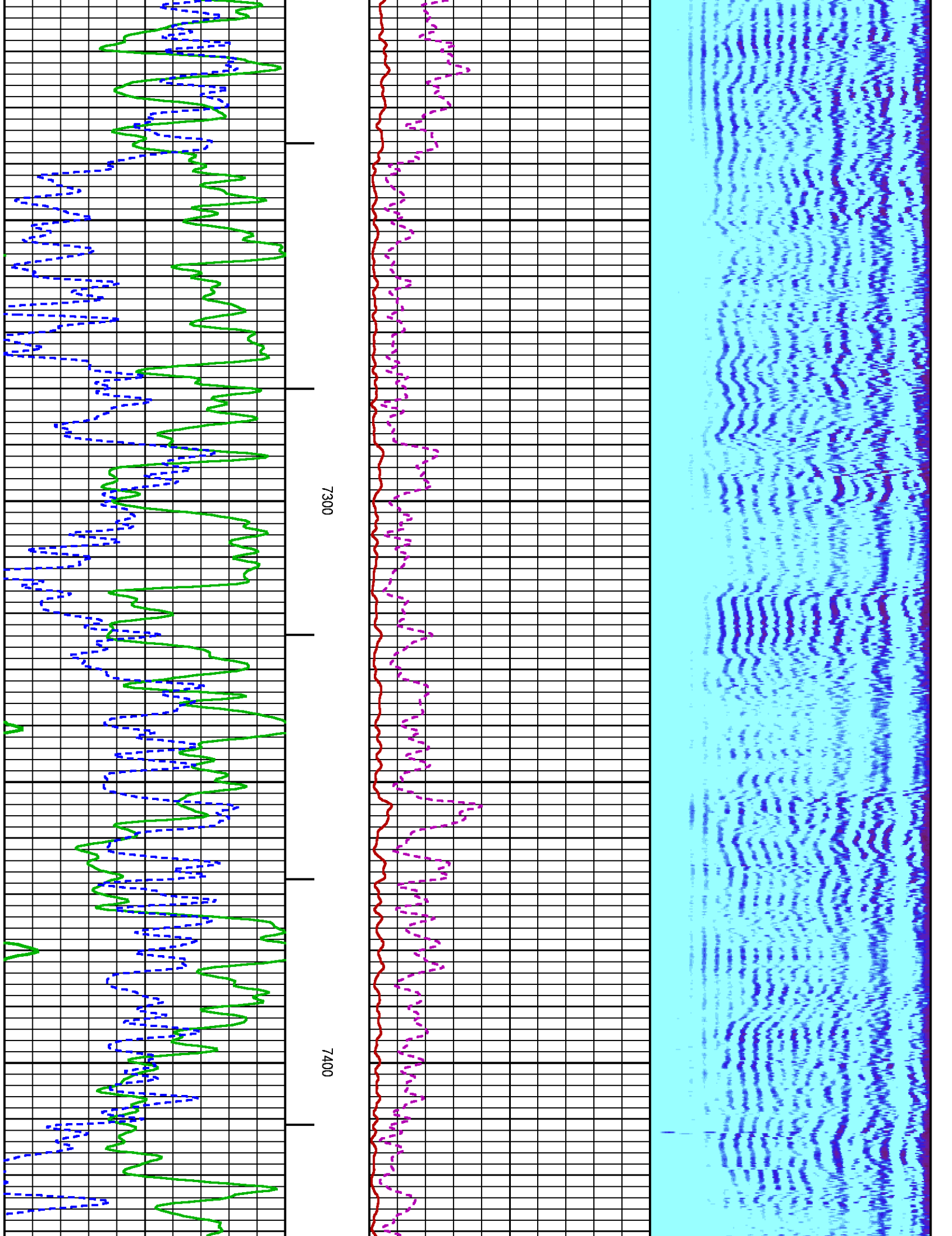


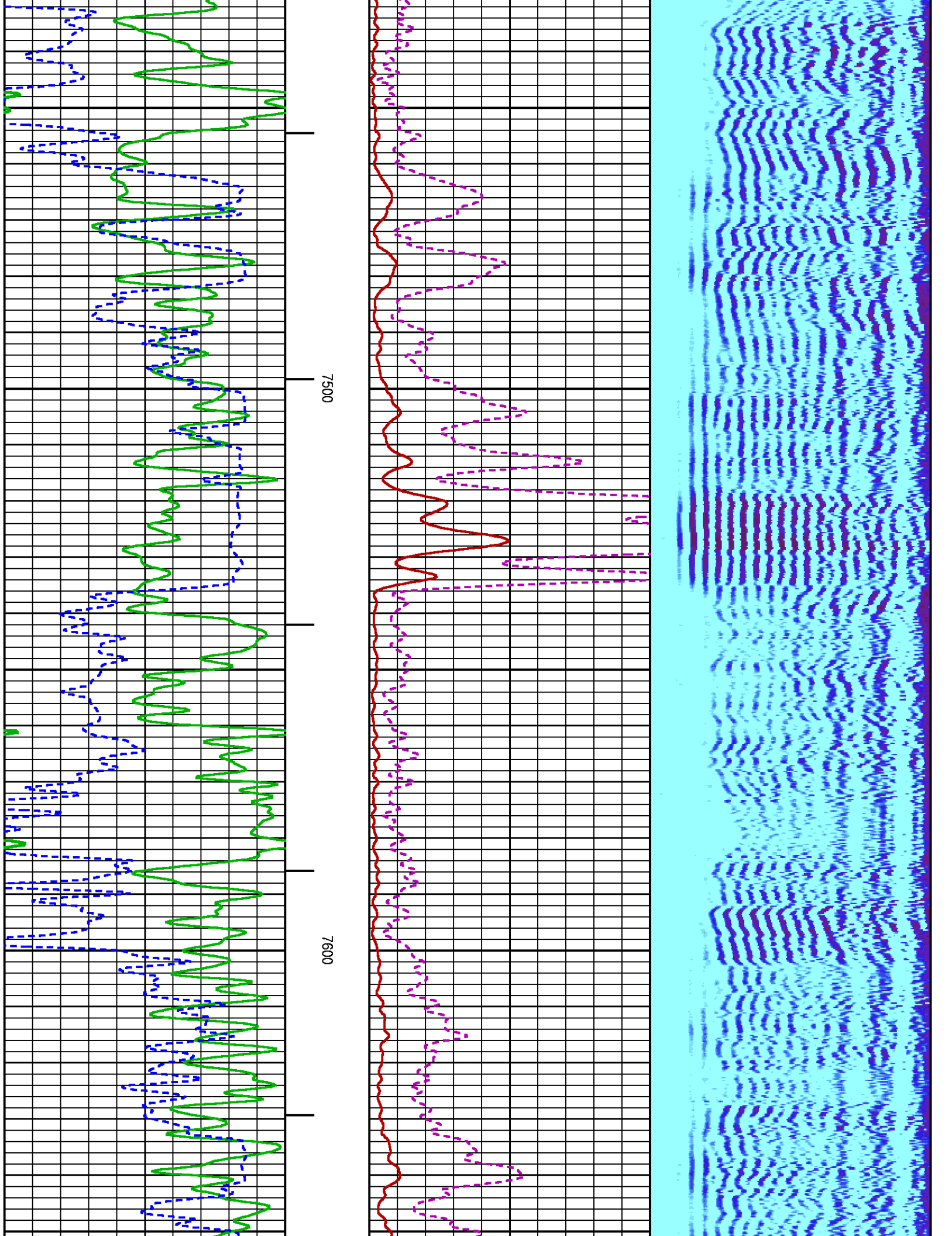


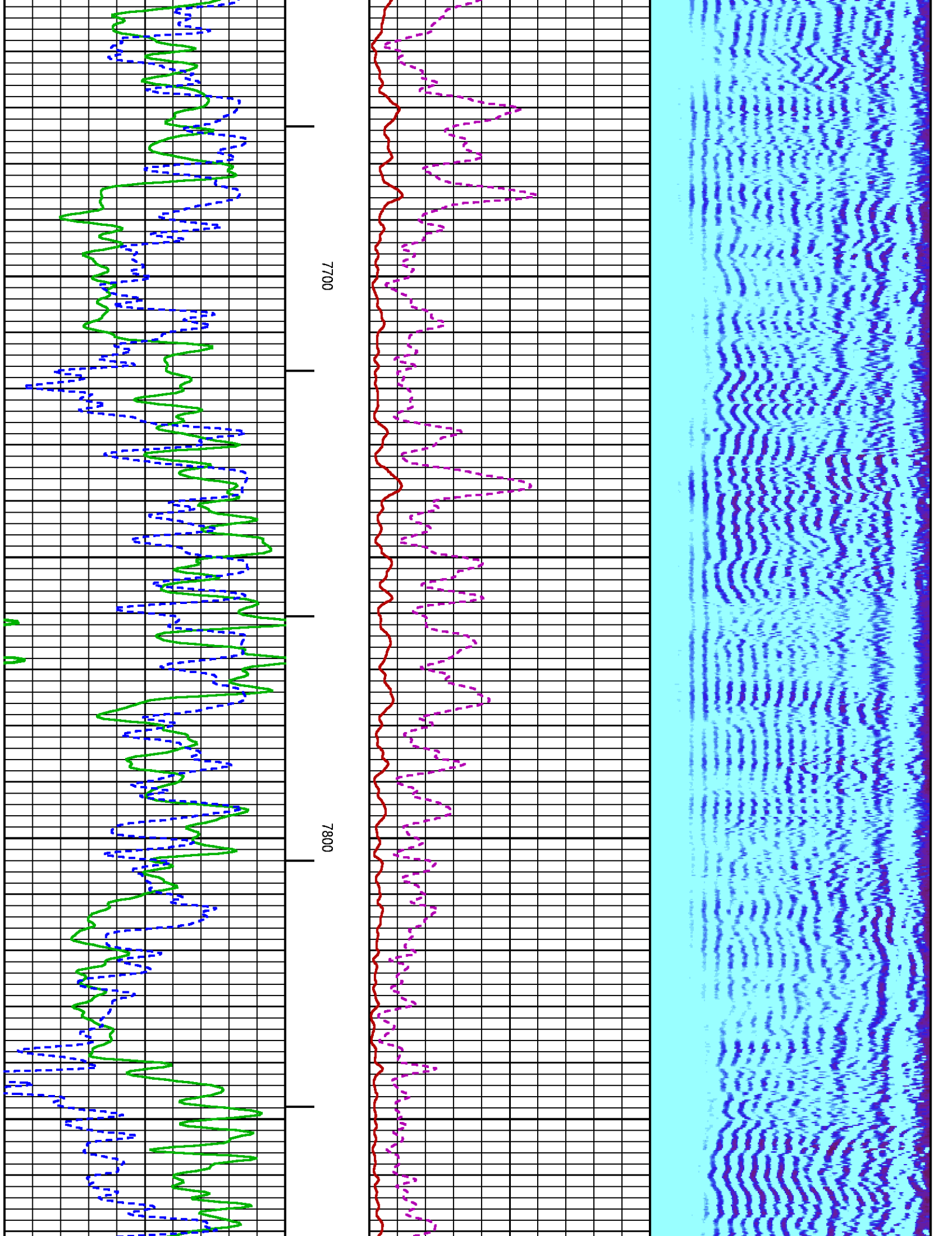


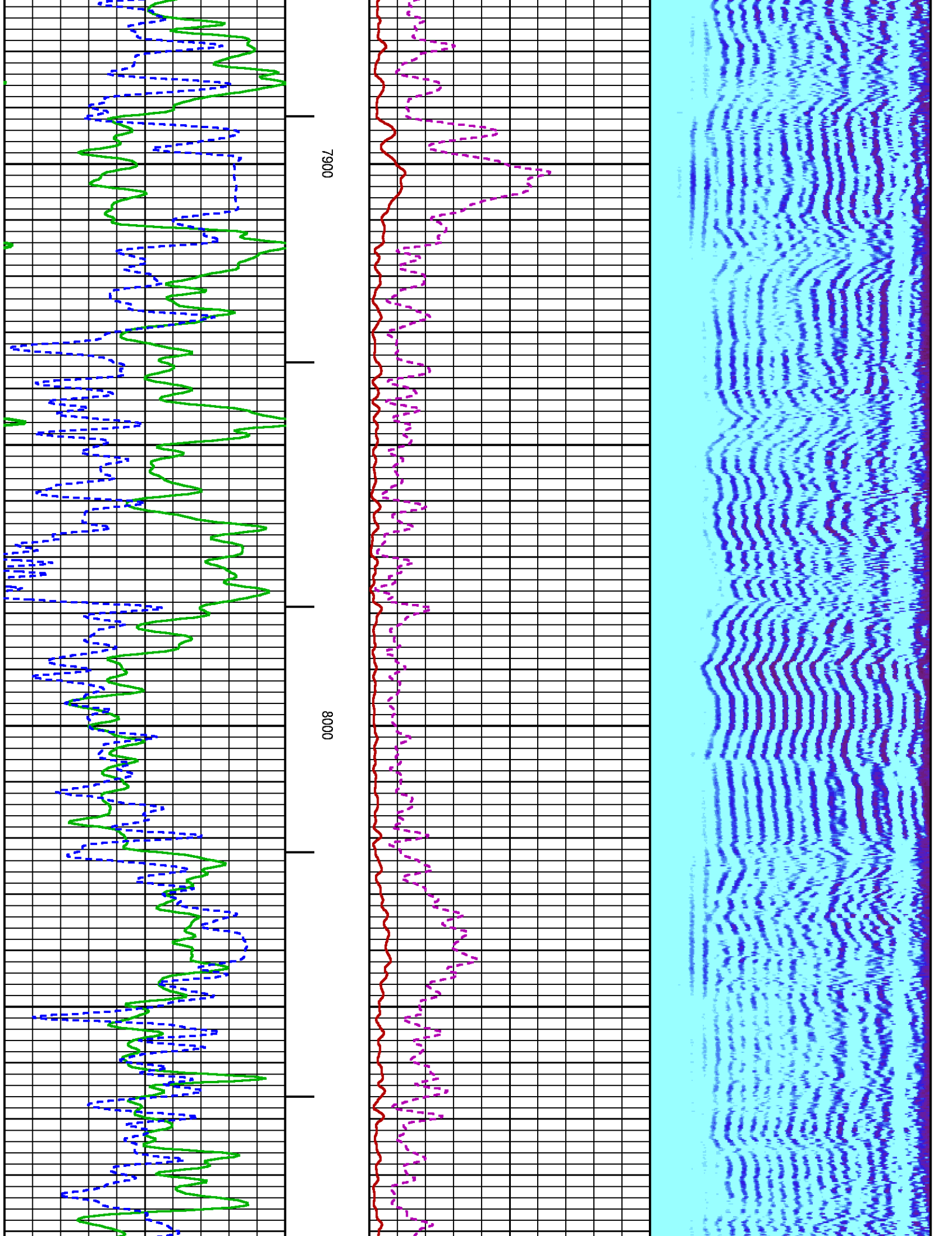


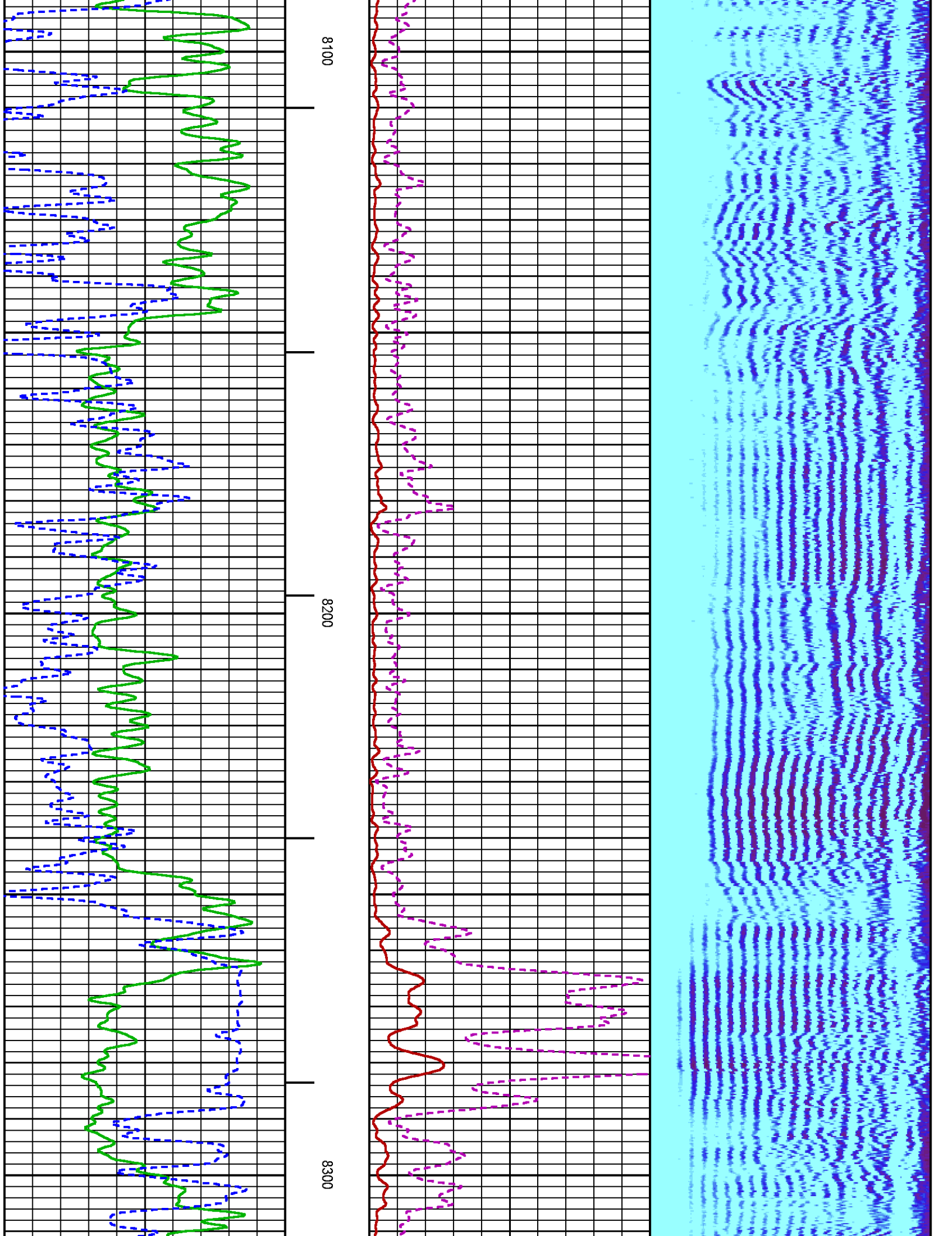


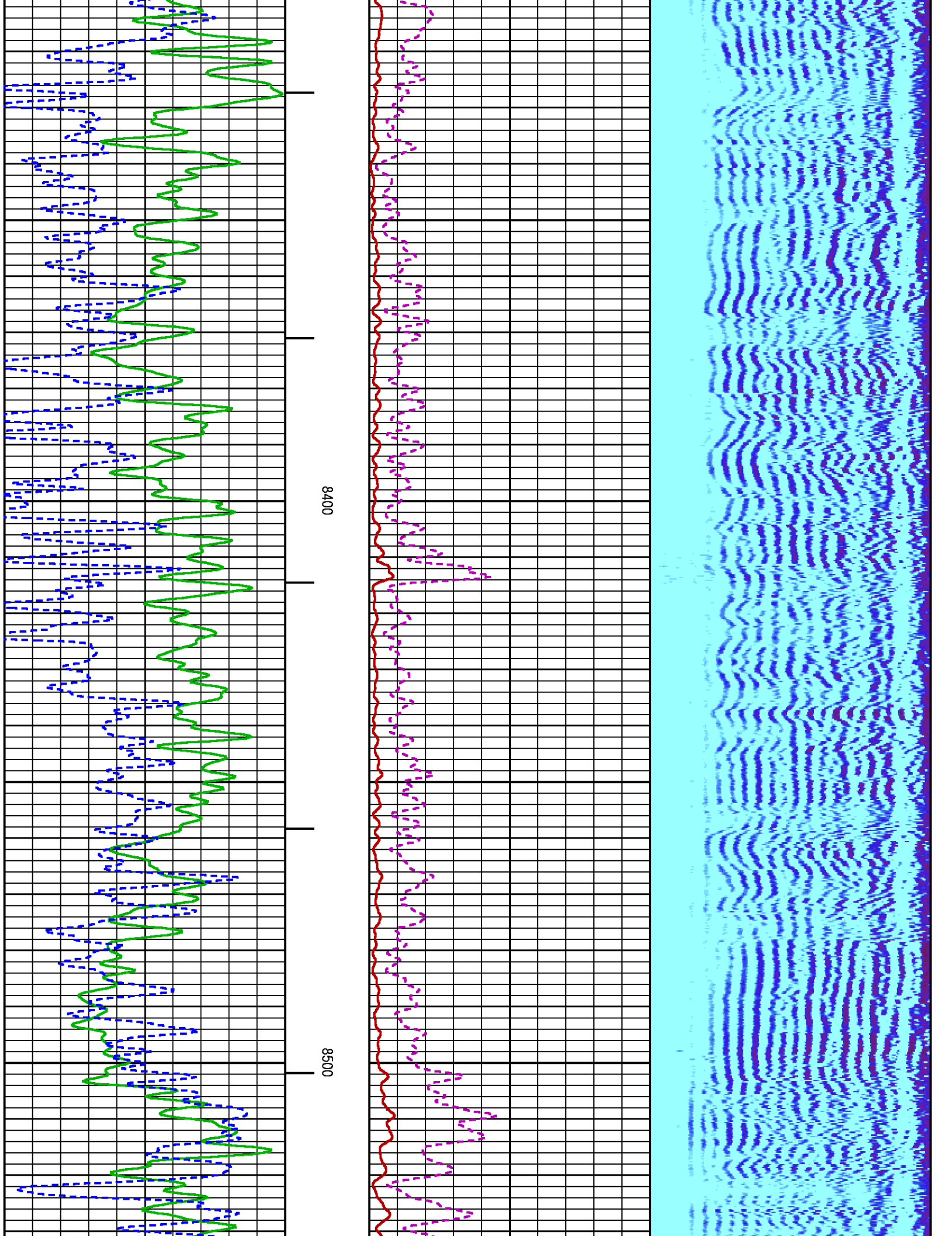


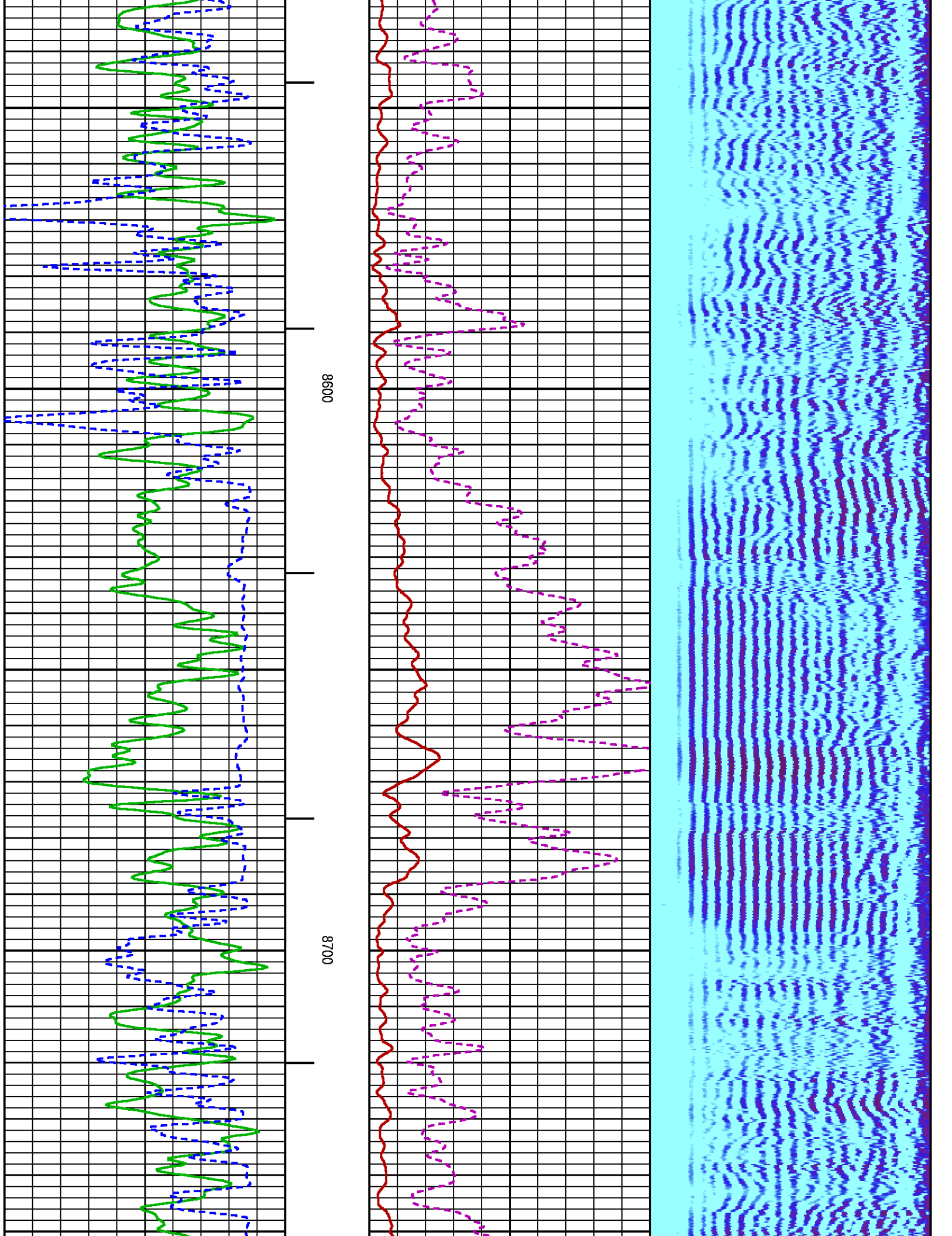


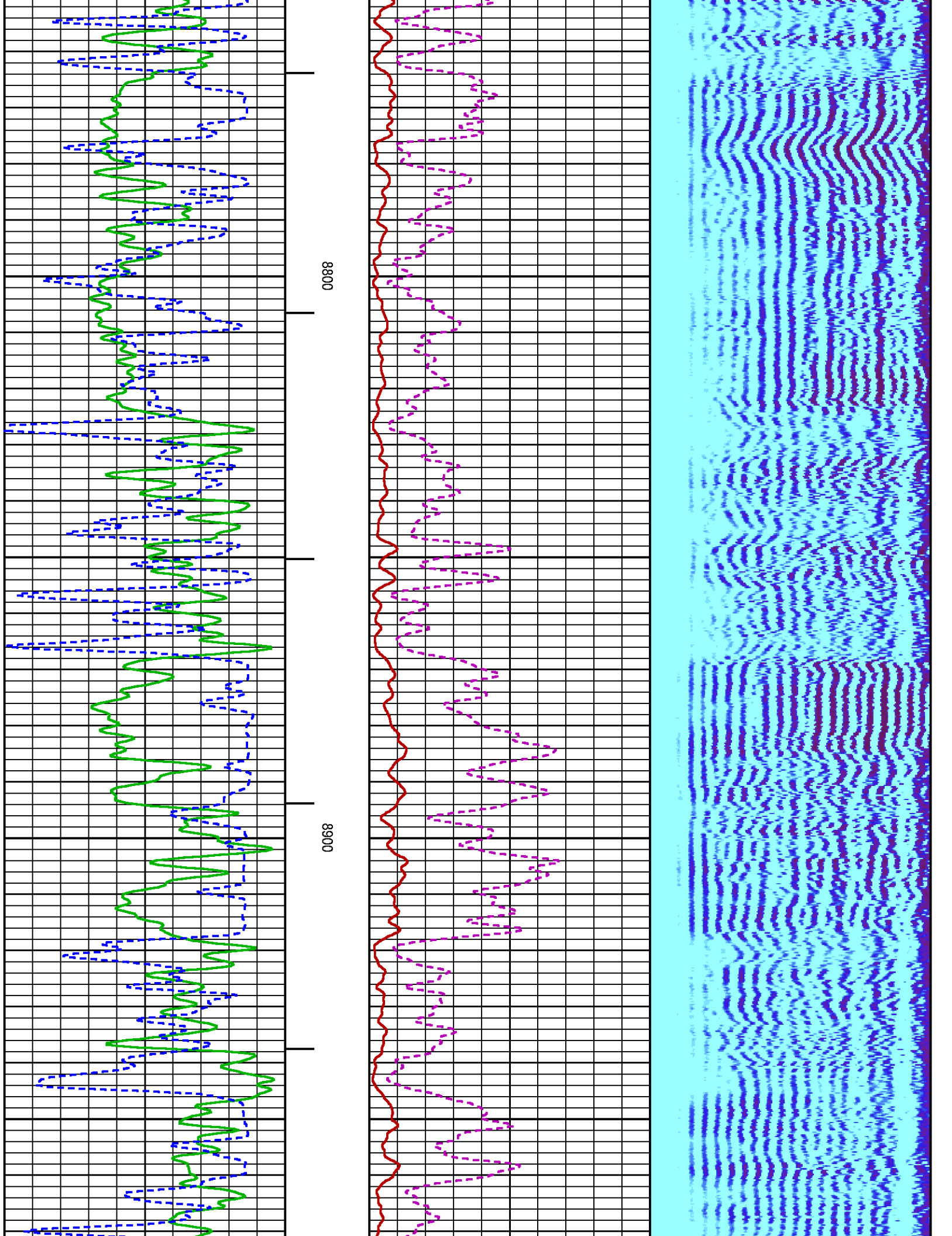


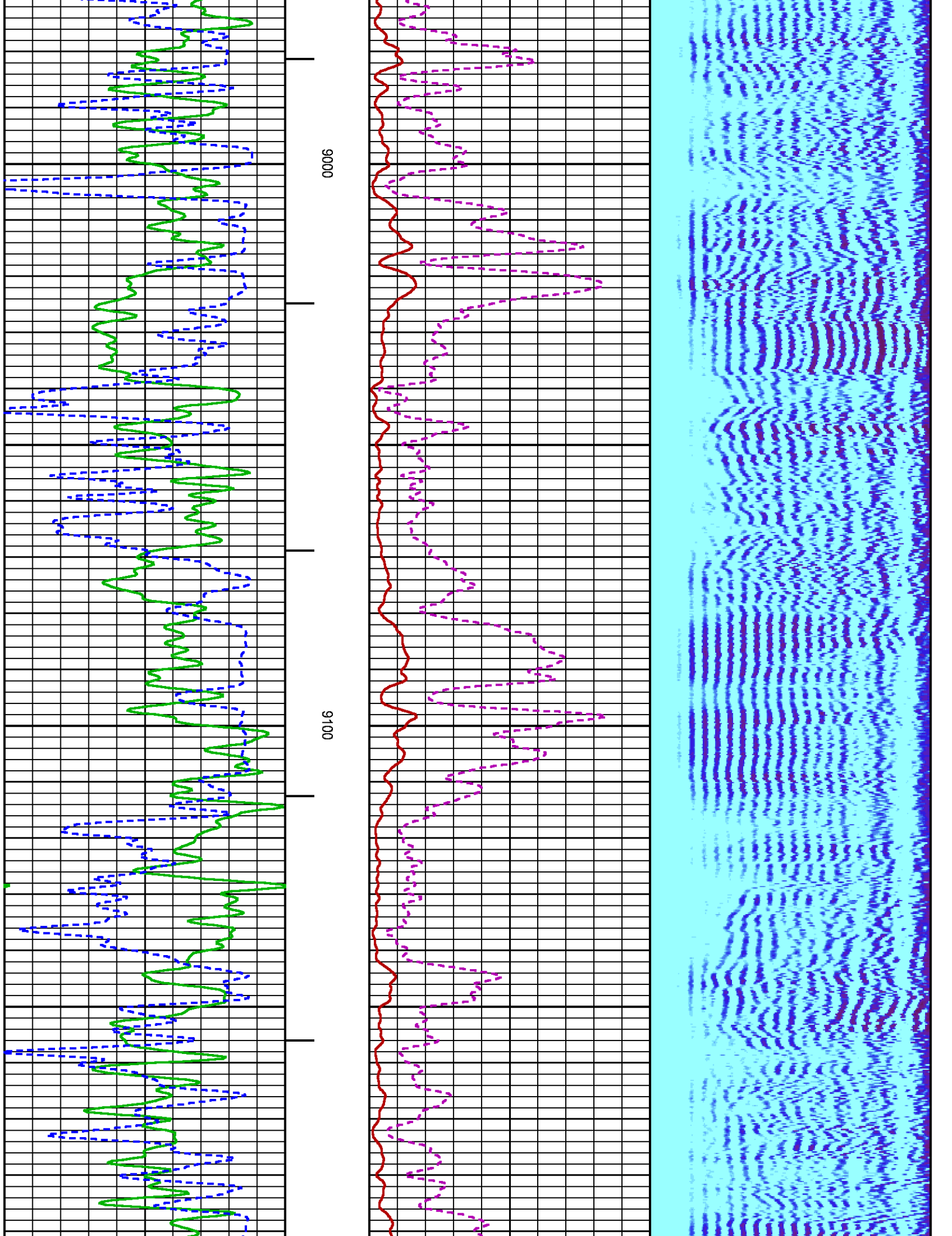


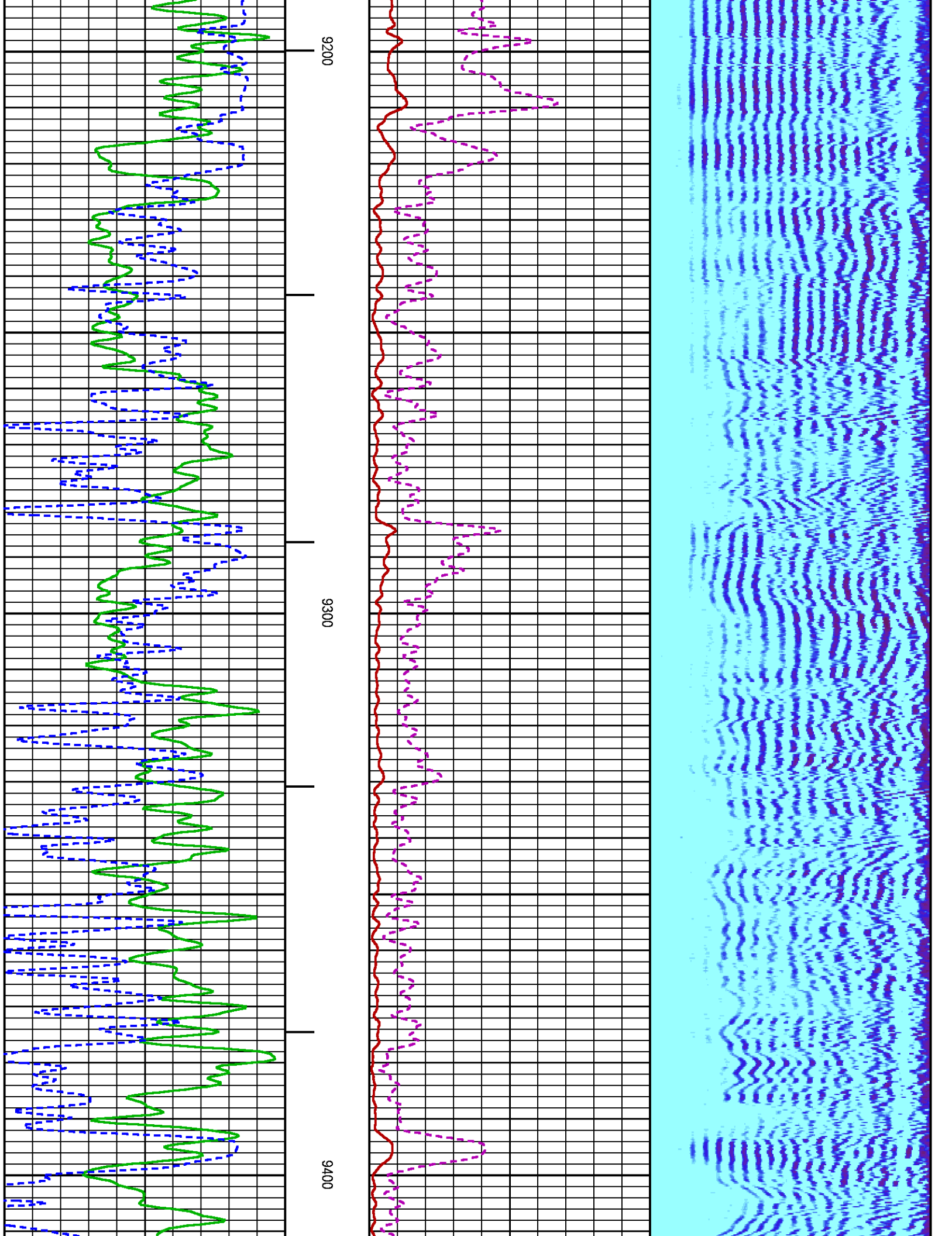


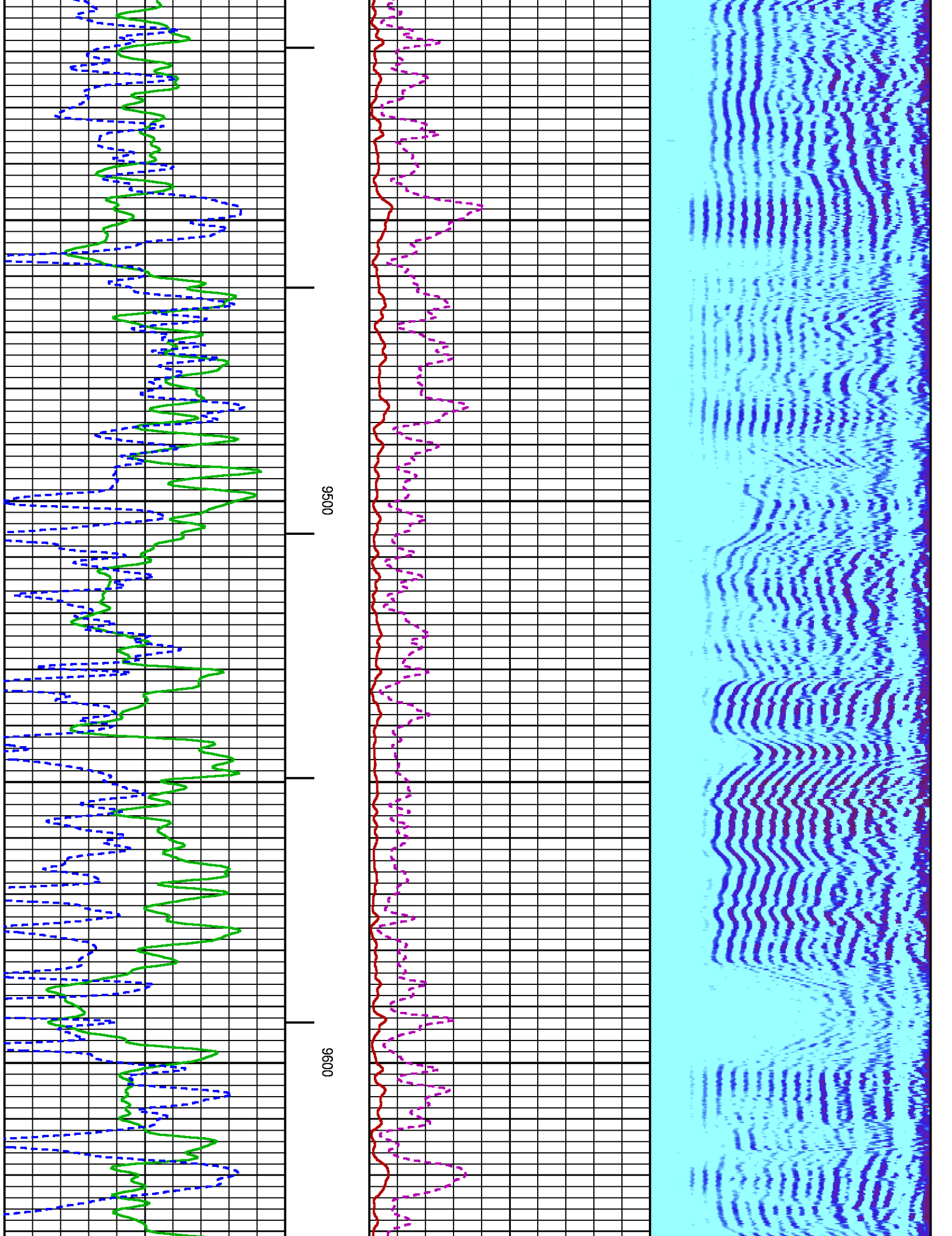


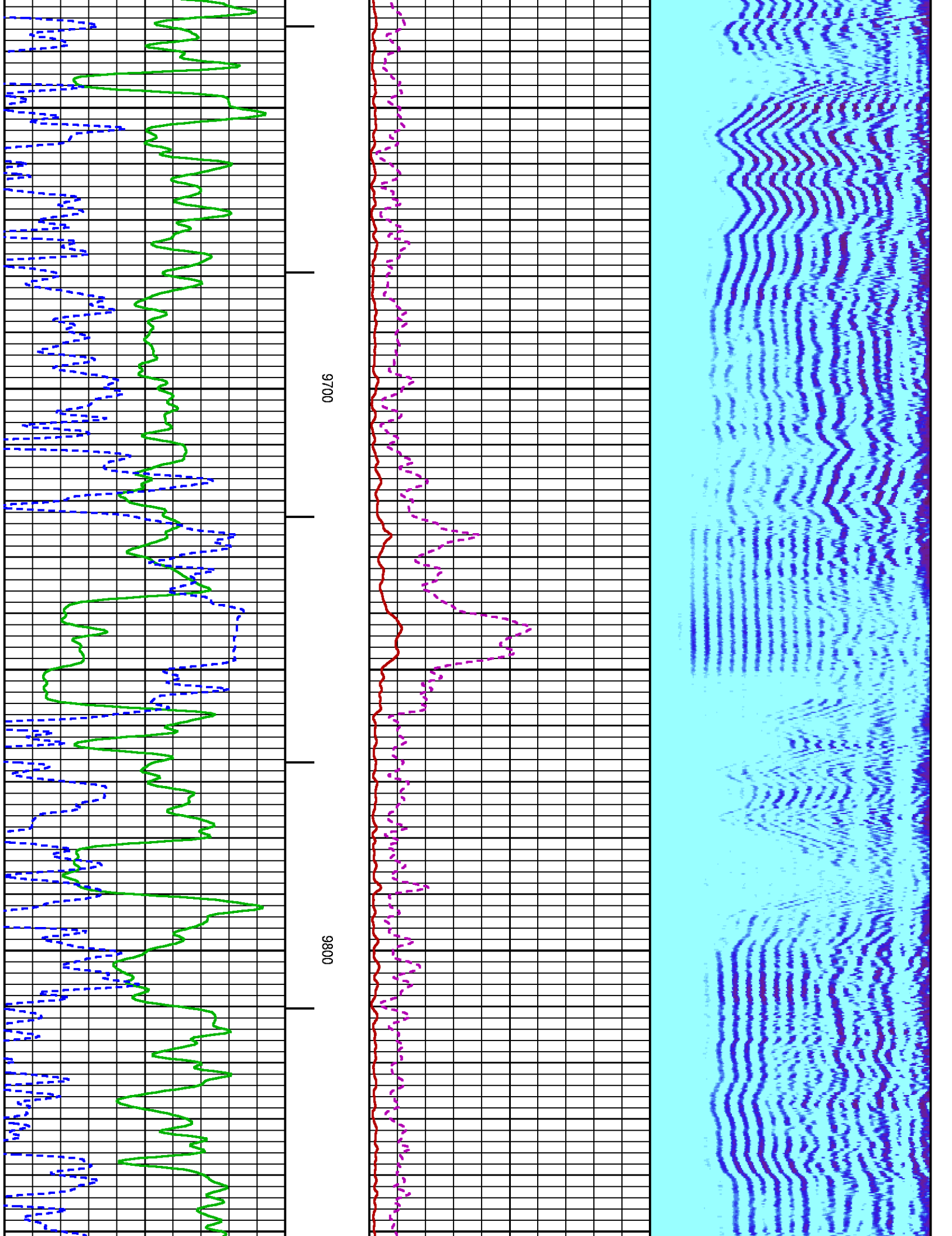


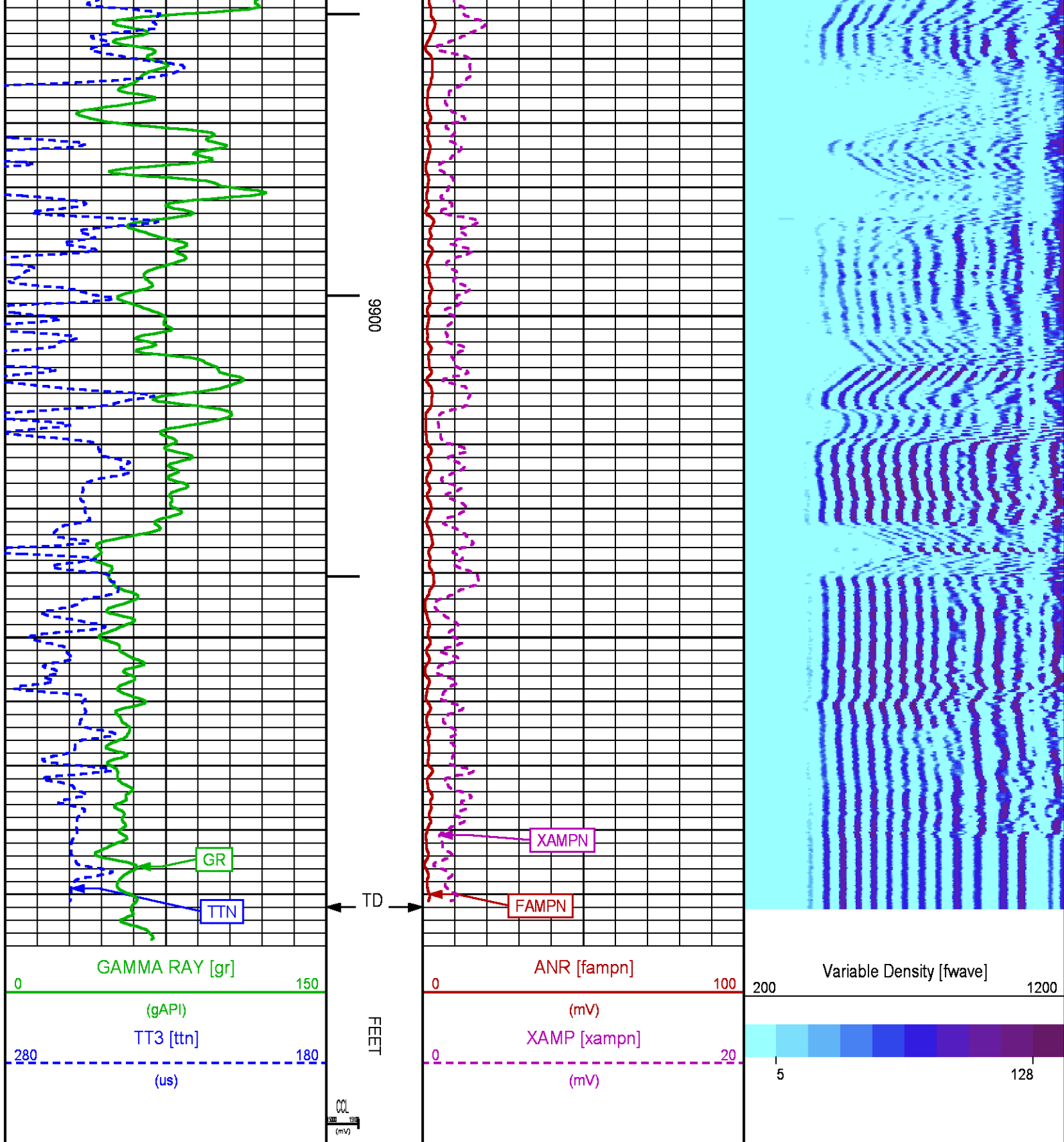












SECONDARY PRESENTATION 0 PSI

PARAMETER AND FILTER SUMMARY REPORT					
FILE: /dat1a/CH096029/n012g02.prm LOGGING MODE: DEPTH DIRECTION: UP TOP DEPTH: 24.500 ft BOTTOM DEPTH: 10000.000 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 (fgp1*)	186	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	186	us	"	"
	AMP WINDOW START (fgp3*)	186	us	"	"
	AMP WINDOW START (fgp4*)	186	us	"	"
	AMP WINDOW START (fgp5*)	186	us	"	"
	AMP WINDOW START (fgp6*)	186	us	"	"
	AMP WINDOW START (fgp7*)	186	us	"	"
	AMP WINDOW START (fgp8*)	186	us	"	"
	AMP WINDOW START (fgpn*)	186	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*)	-71	us	"	"
	TOOL DELAY (str2*)	-71	us	"	"
	TOOL DELAY (str3*)	-71	us	"	"
	TOOL DELAY (str4*)	-71	us	"	"
	TOOL DELAY (str5*)	-71	us	"	"
	TOOL DELAY (str6*)	-71	us	"	"
	TOOL DELAY (str7*)	-71	us	"	"
	TOOL DELAY (str8*)	-71	us	"	"
	TOOL DELAY (strn*)	-71	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		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION

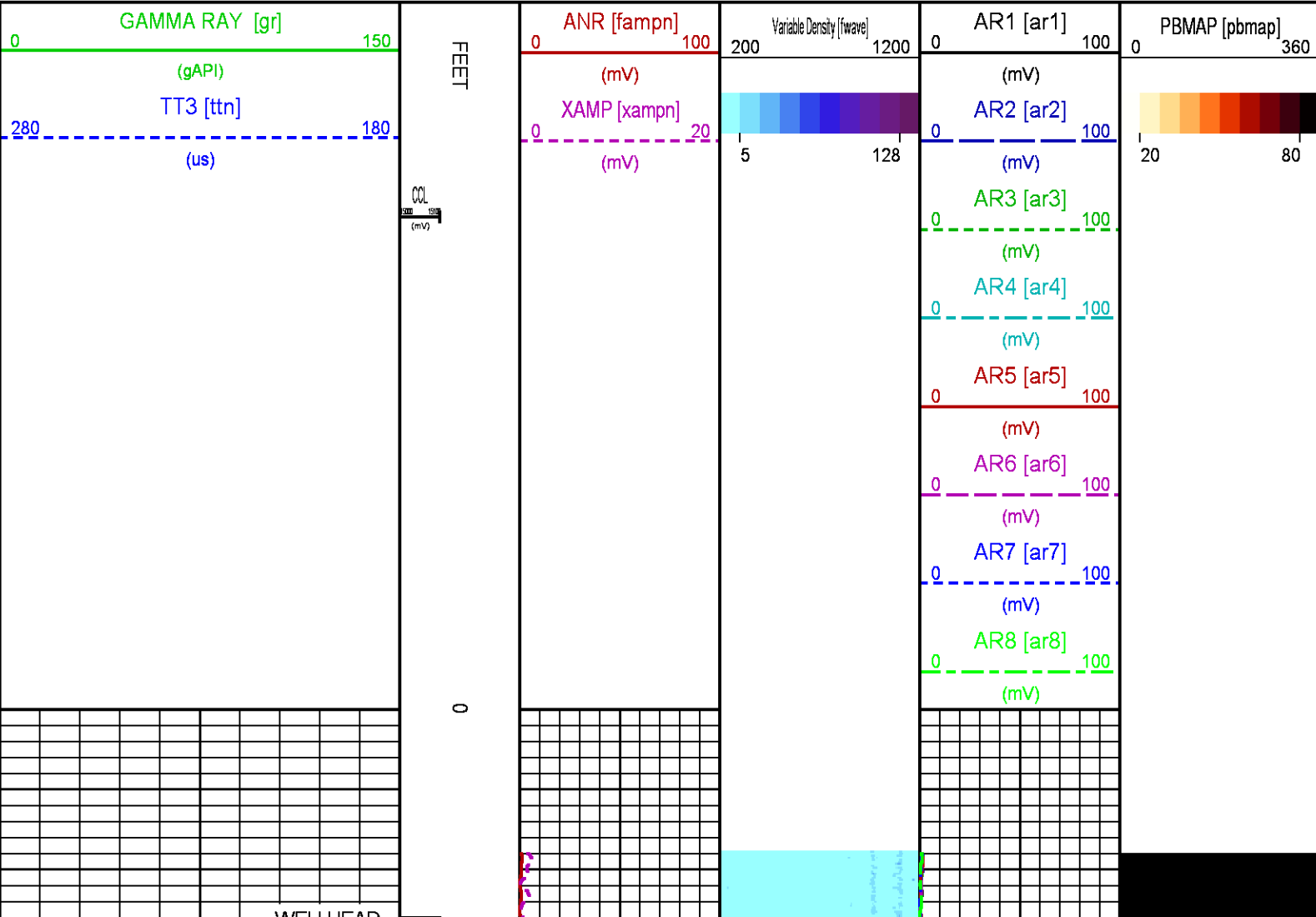
F1:AR1	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Apr 20 09:07:44 2015	CASING COLLAR LOCATOR
F1:FAMPN	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Apr 20 09:07:44 2015	FAR WAVE FORM
F1:GR	Apr 20 09:07:44 2015	GAMMA RAY
F1:PBMAP	Apr 20 09:07:44 2015	PERCENT BOND CEMENT MAP
F1:TTN	Apr 20 09:07:44 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Apr 20 09:07:44 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

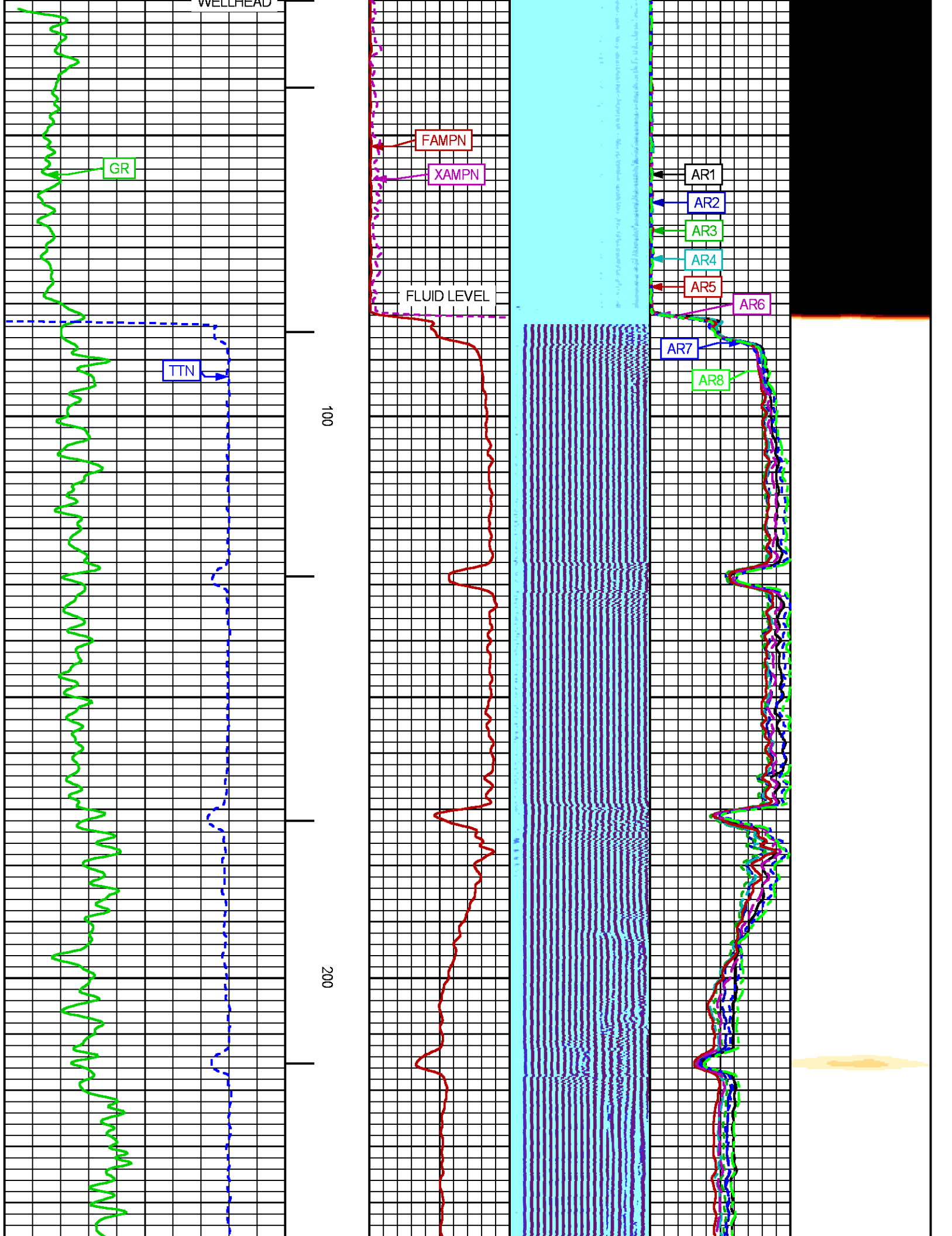
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)

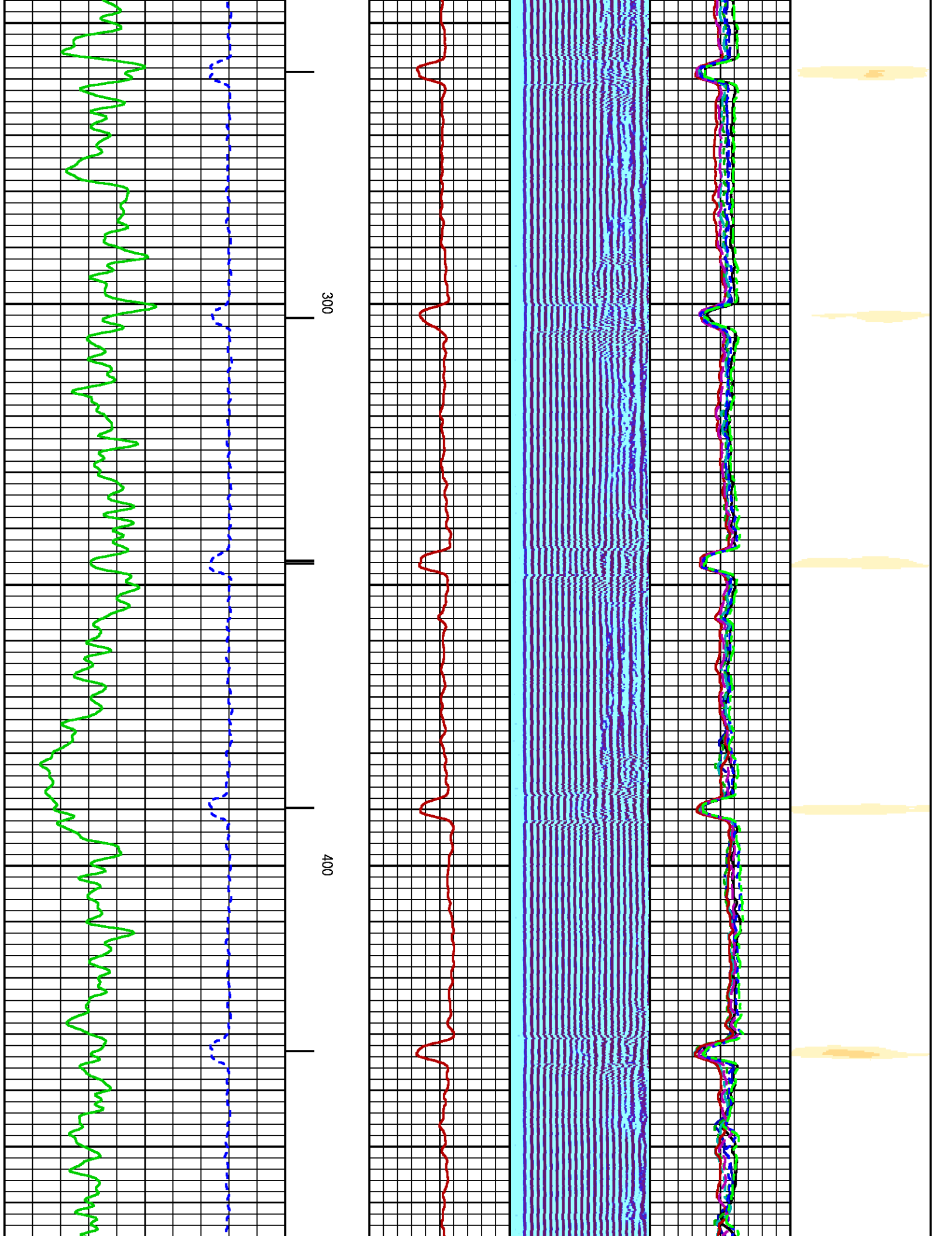
AR1	11.25	AR5	11.25	CCL	5.75	XAMPN	11.25
AR2	11.25	AR6	11.25	FAMPN	11.25		
AR3	11.25	AR7	11.25	GR	1.75		
AR4	11.25	AR8	11.25	TTN	11.25		

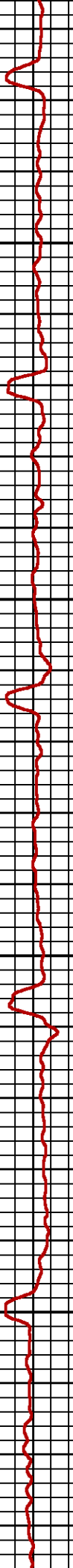
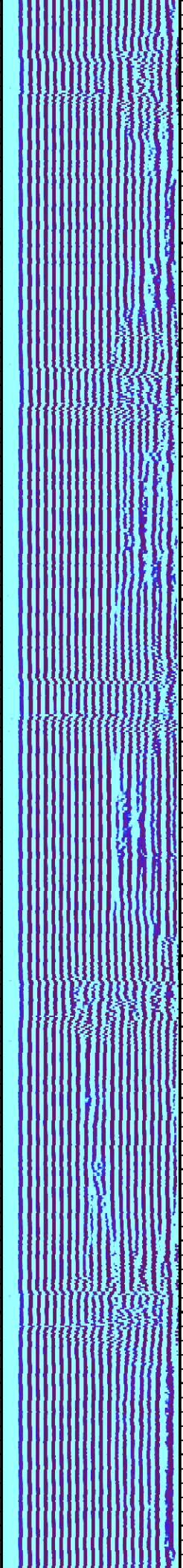
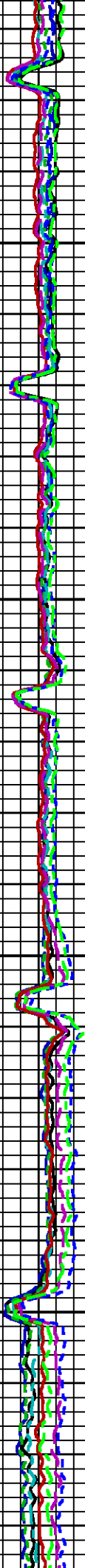
Presentation	: HL6670:/dat1a/CH096029/433CBL_SECONDARY.fvpdf [5"/100' Scale]
Plot Interval	: 0 - 9997 Feet
Data File 1	: F1 : HL6670:/dat1a/CH096029/433CBL_MAIN.xtf
Created On	: Apr 20 09:07:44 2015
Company	: WPX ENERGY
Well	: YOUNBERG RU 433-7
Field	: RULISON
File Interval	: 16.75 - 10003.5 Feet
OCT	: n012g

GAMMA RAY [ar]		ANR [fame]	Variable Dialectal [fame]	AR1 [ar1]	PRMAP [rhme]
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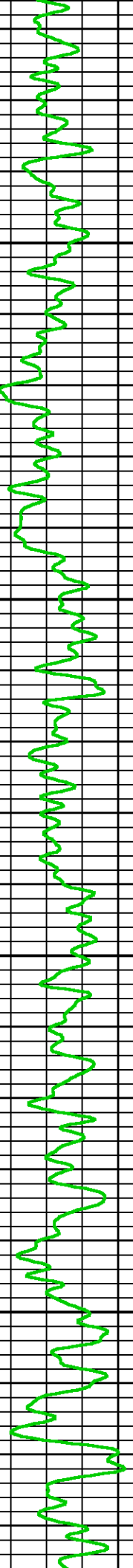


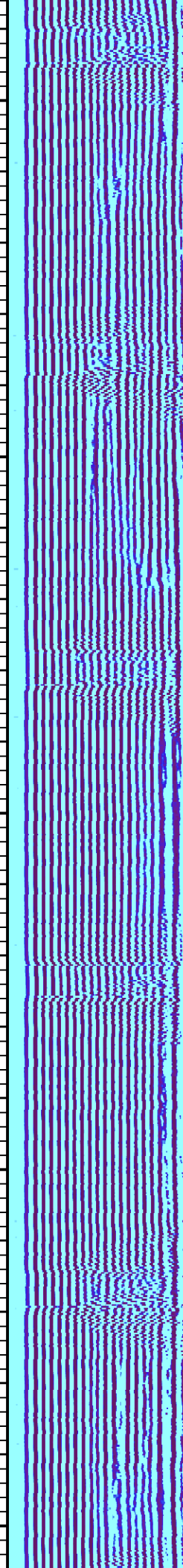
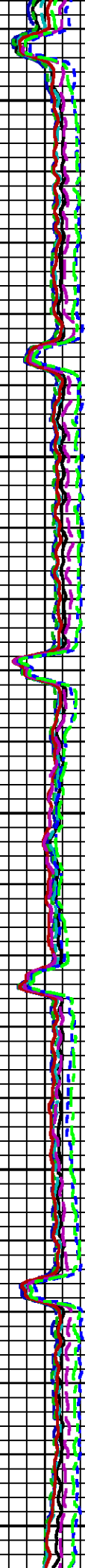
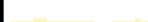




500

600

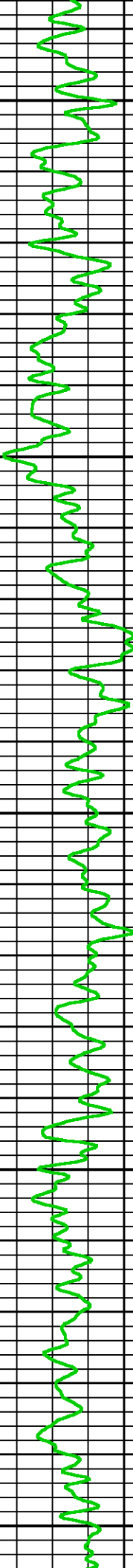
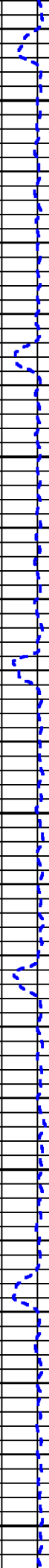


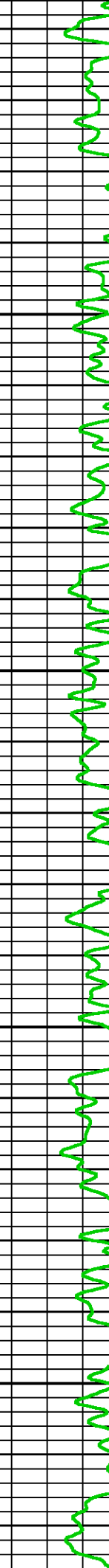
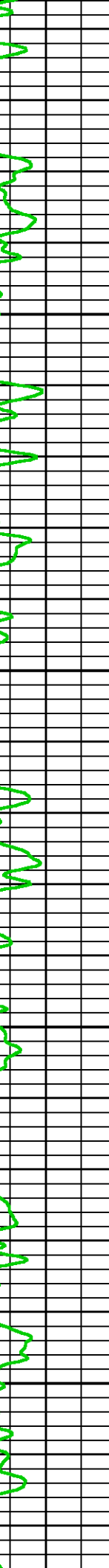
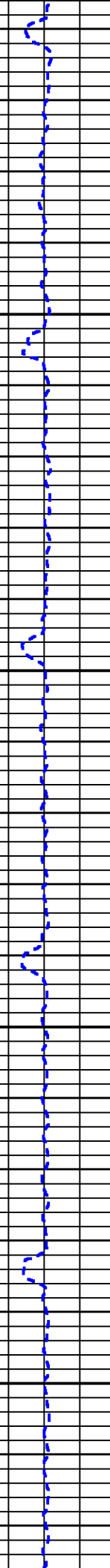
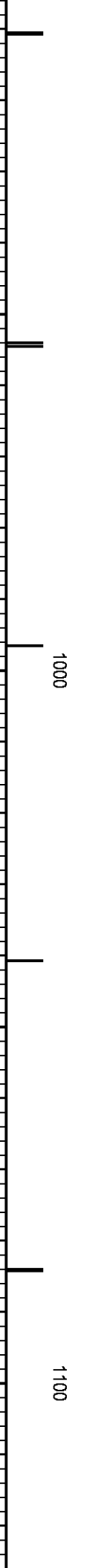
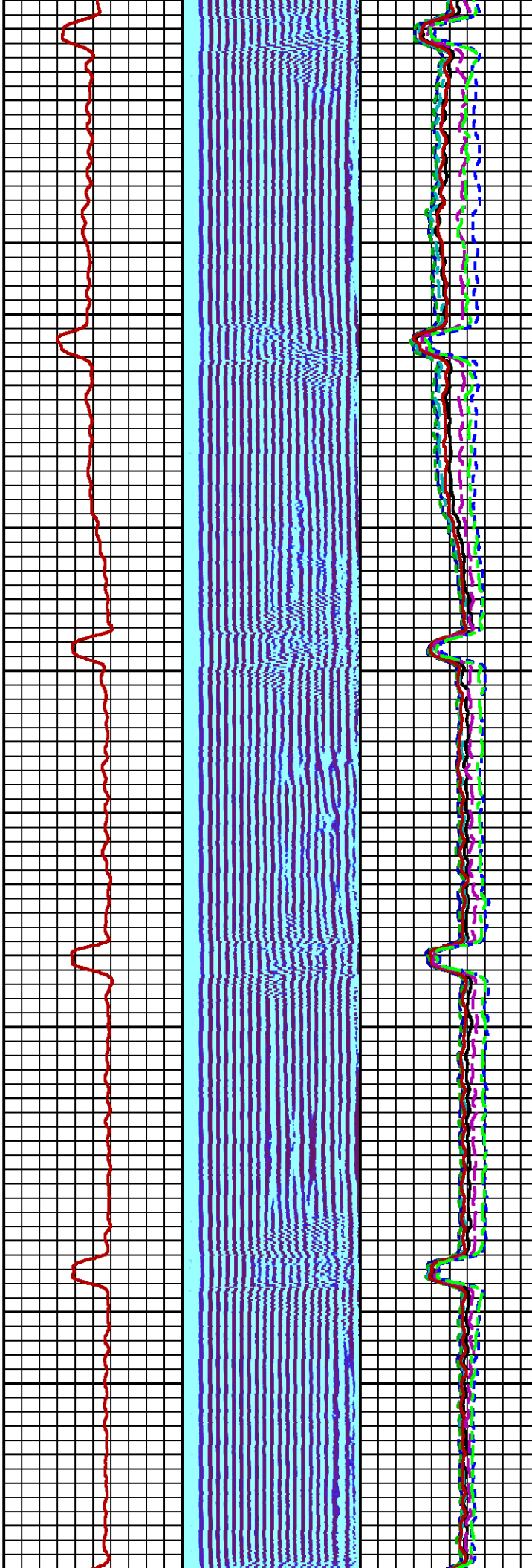
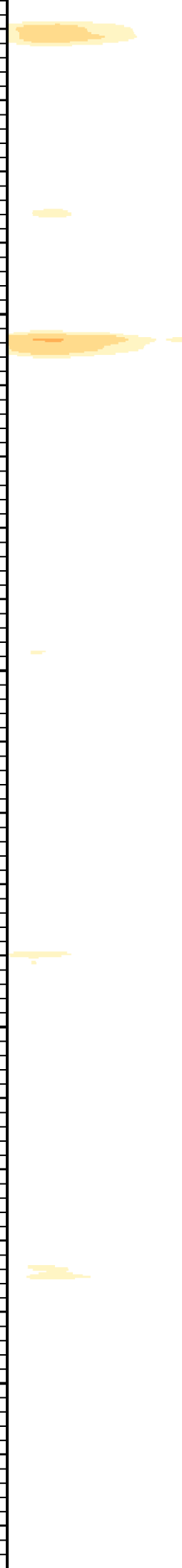


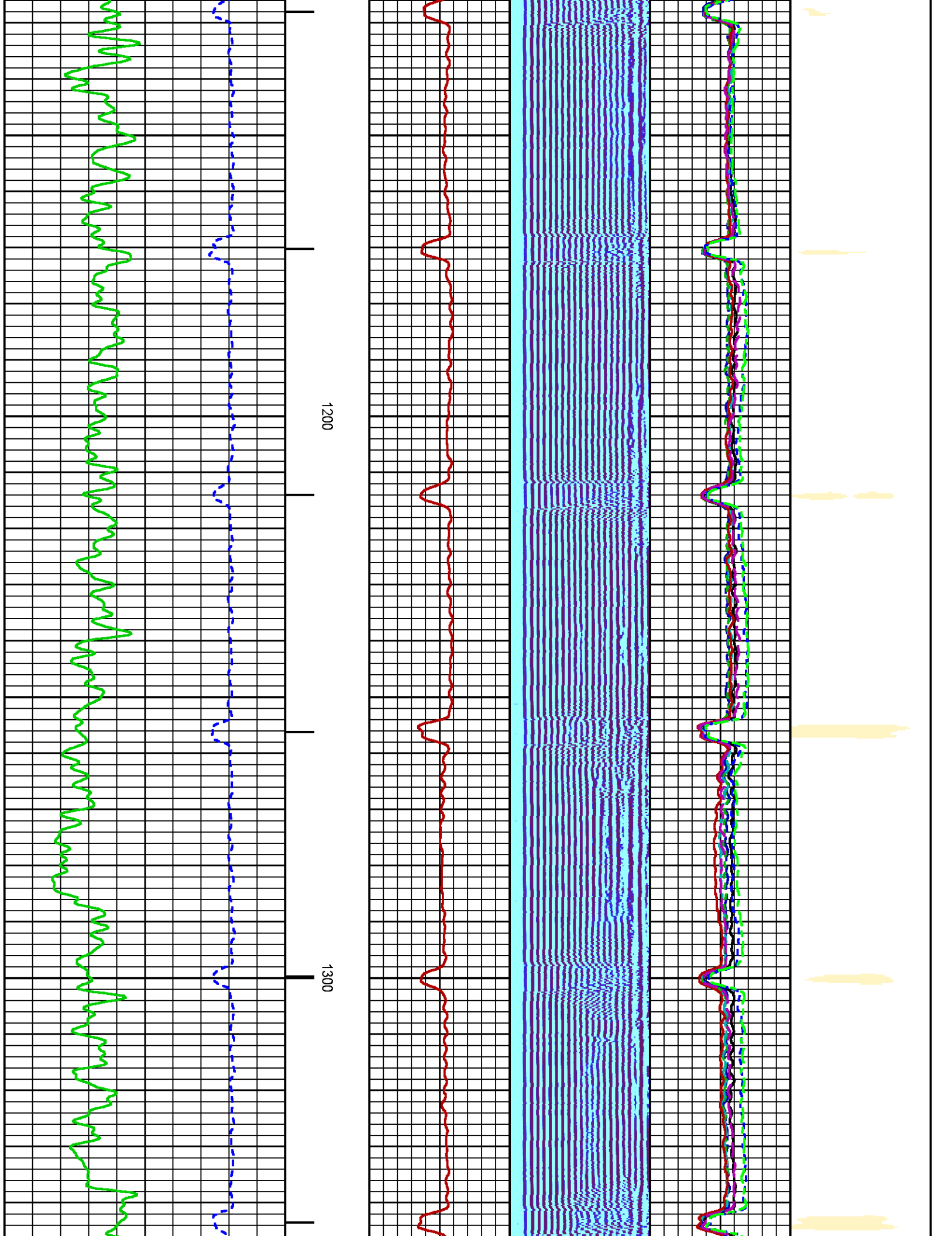
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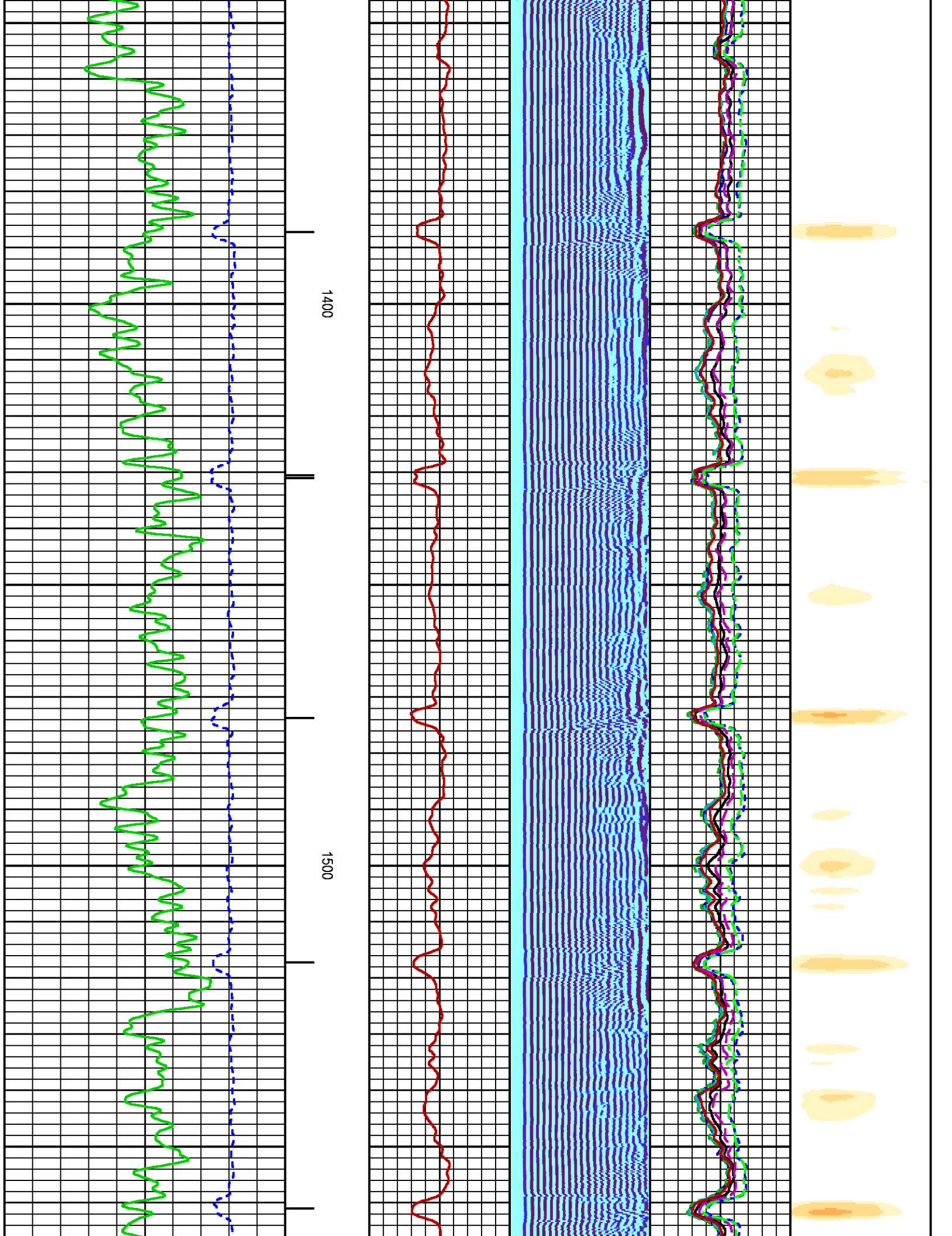
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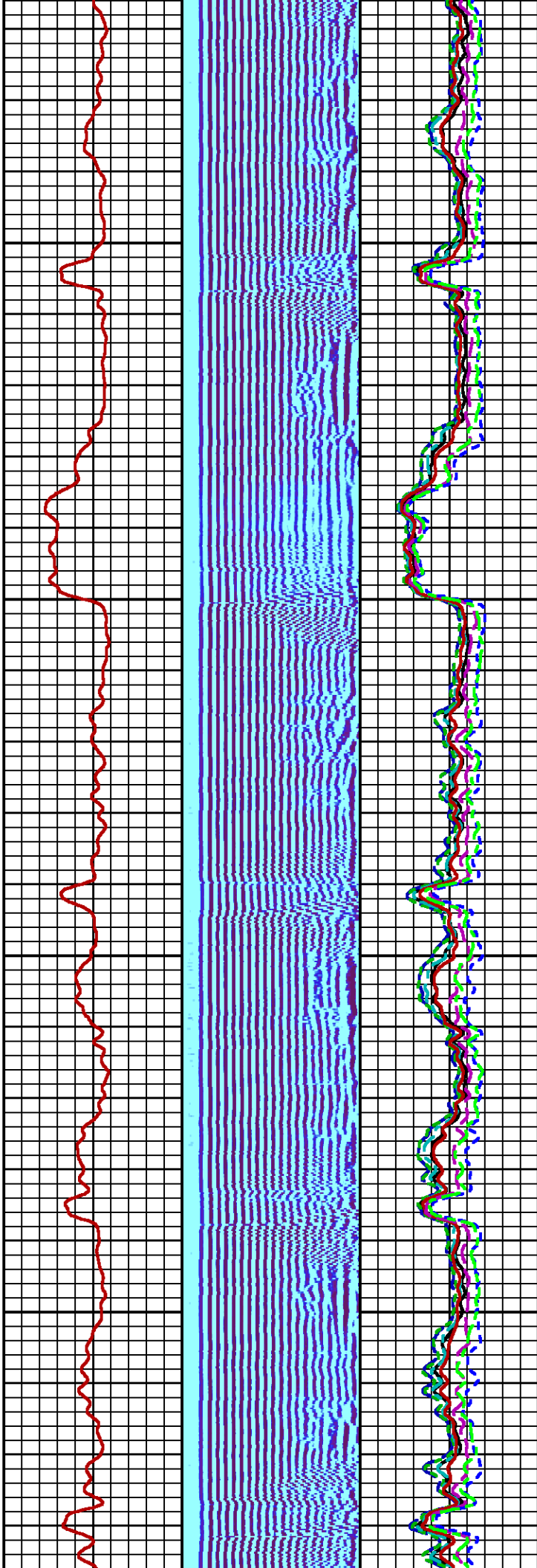
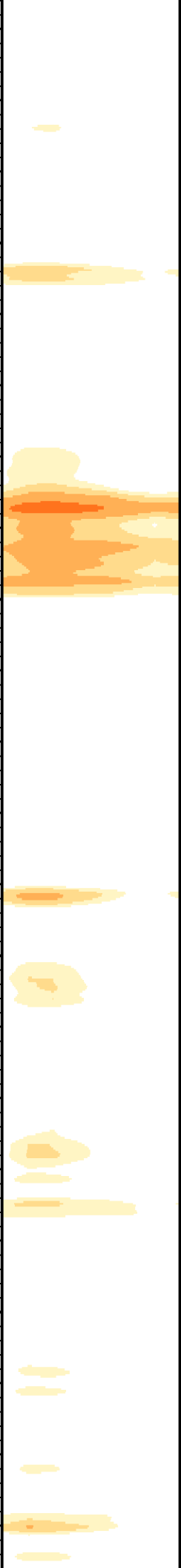
900





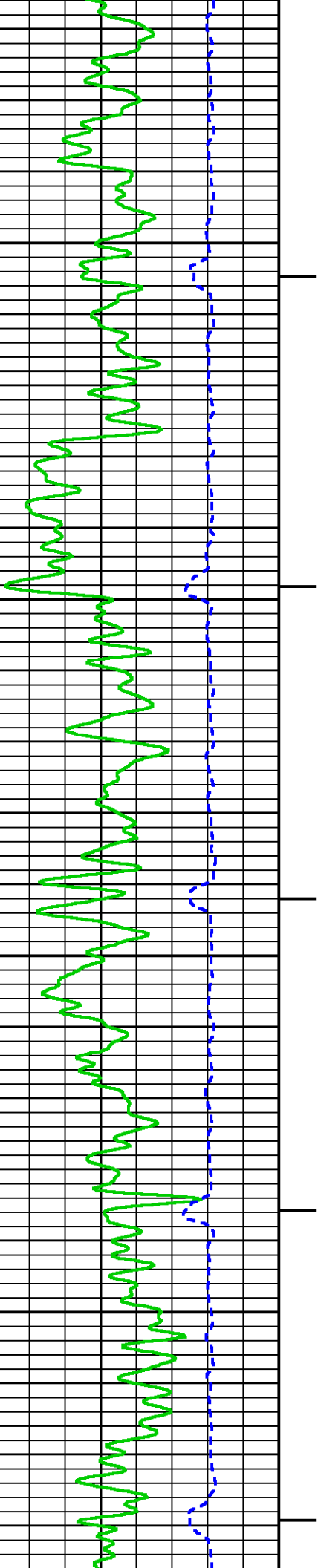


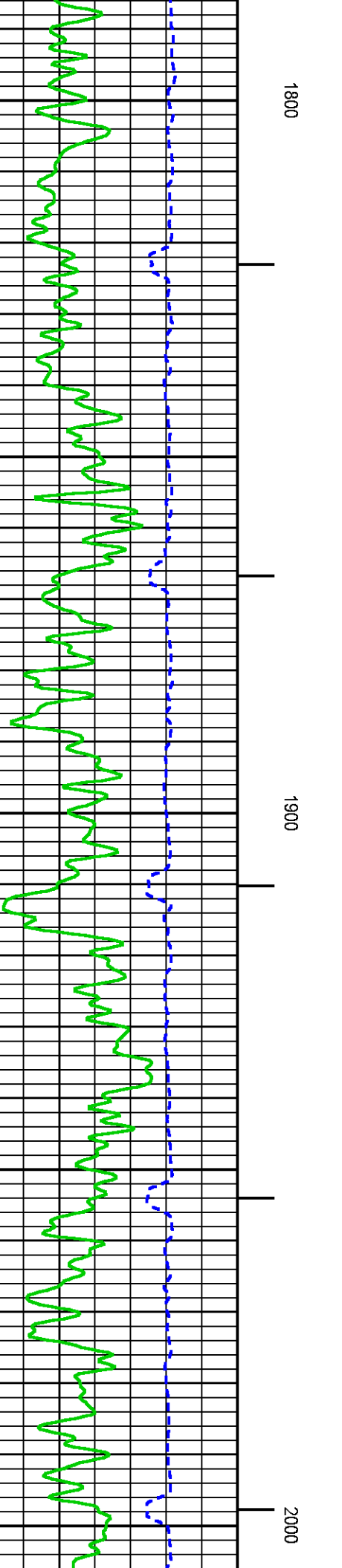
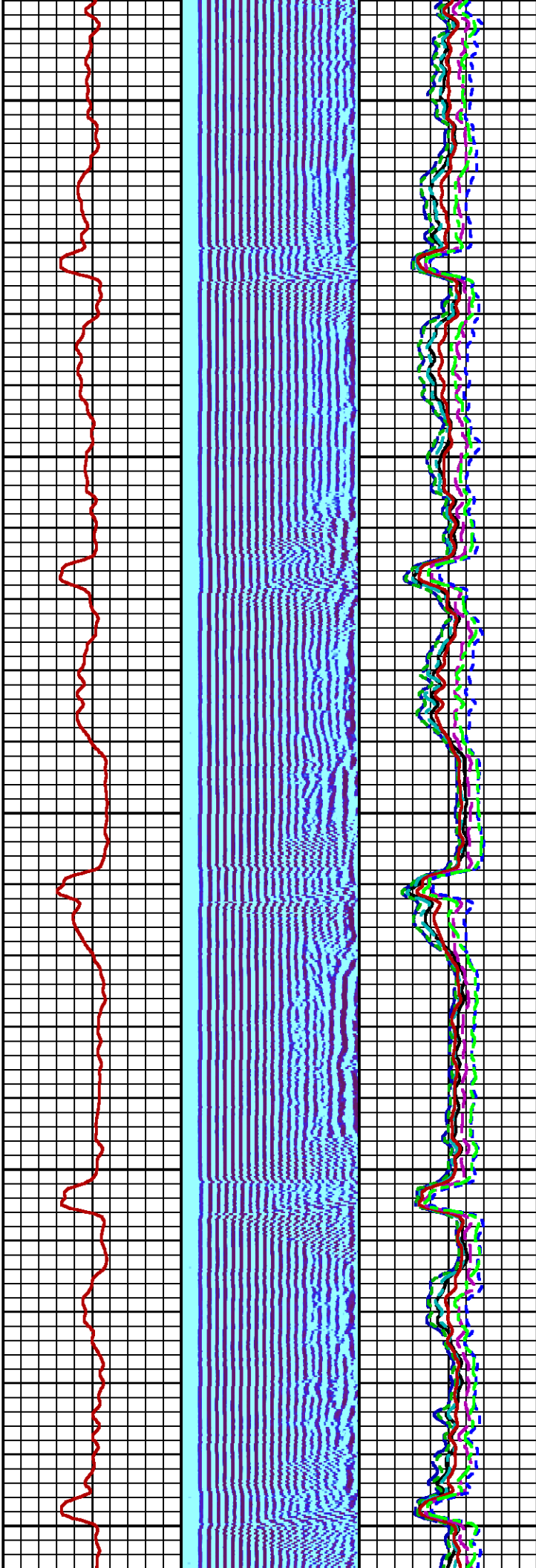
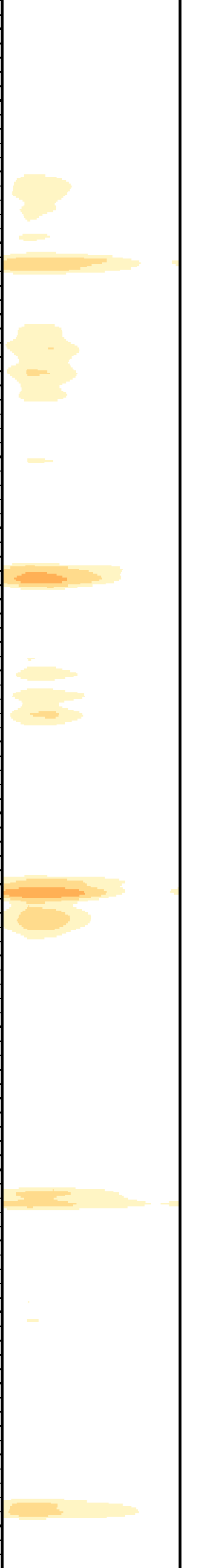


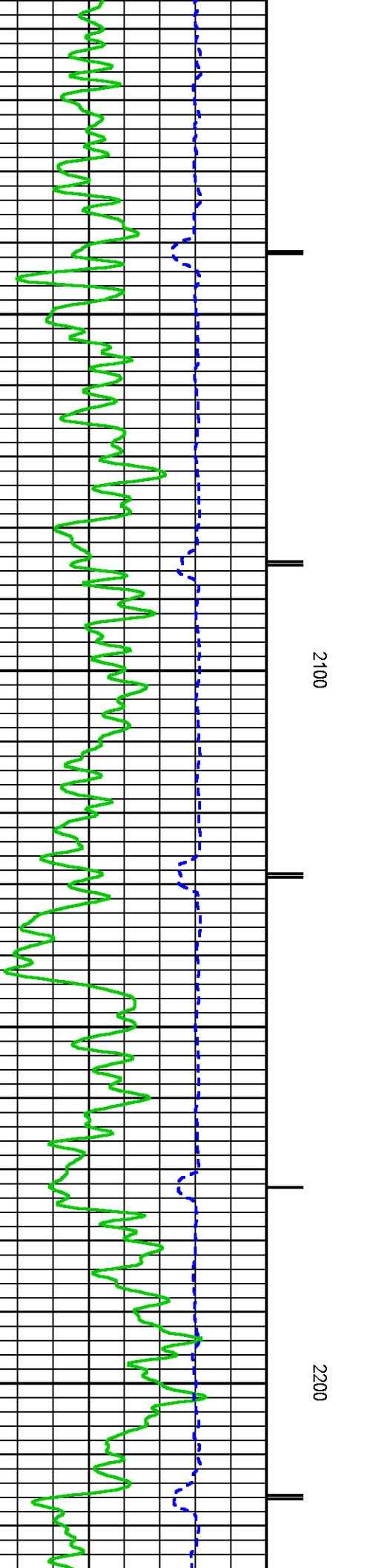
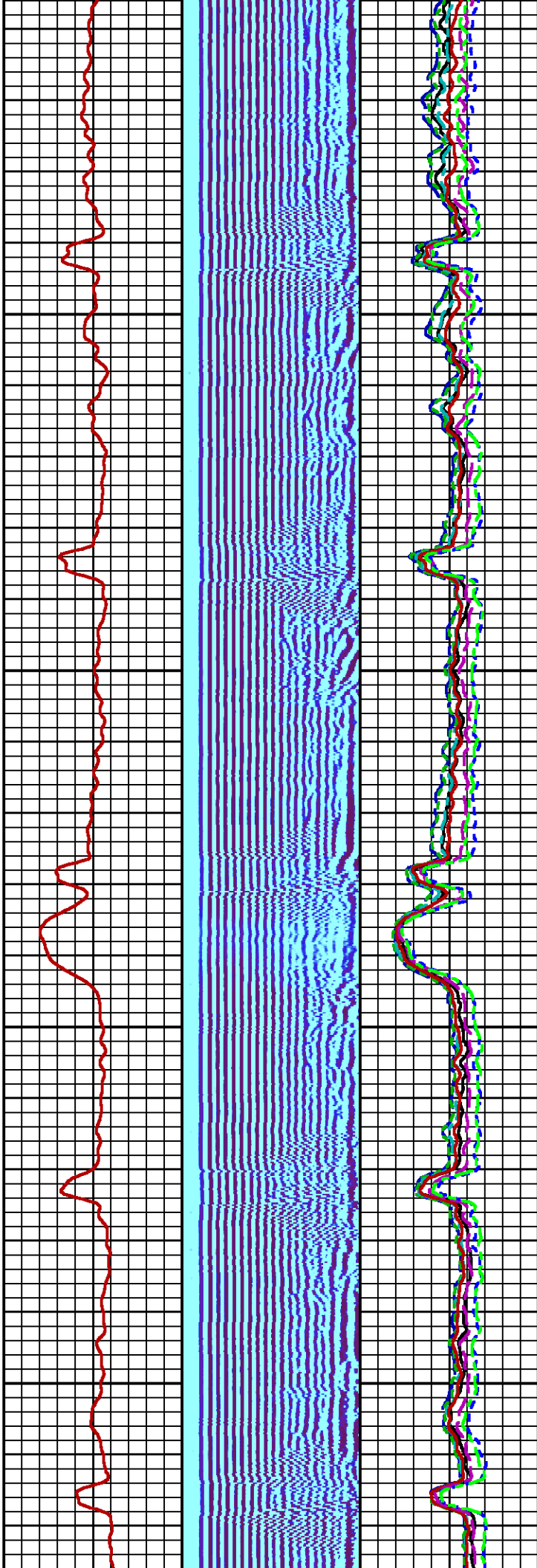
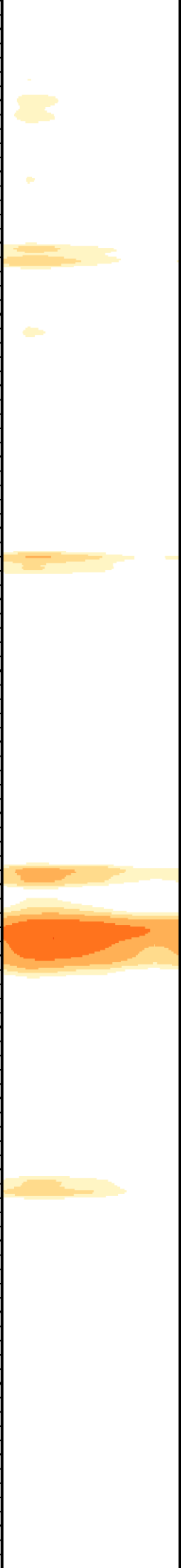


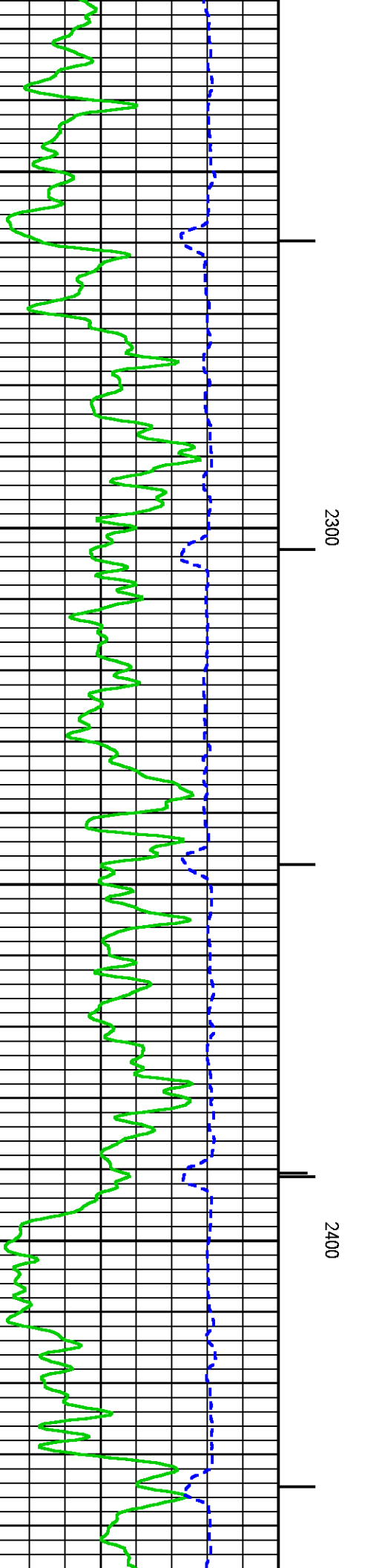
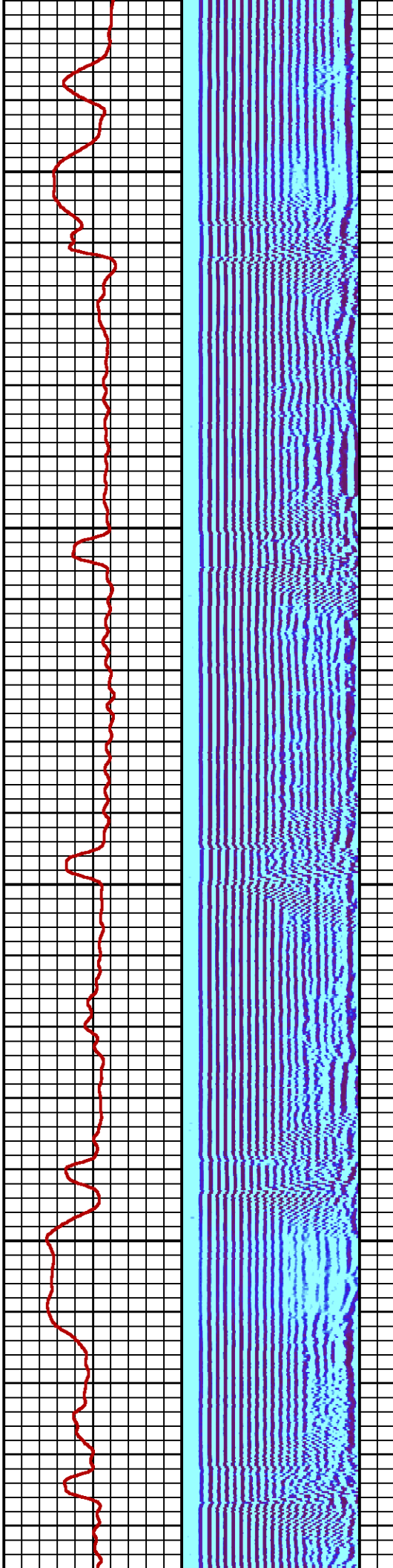
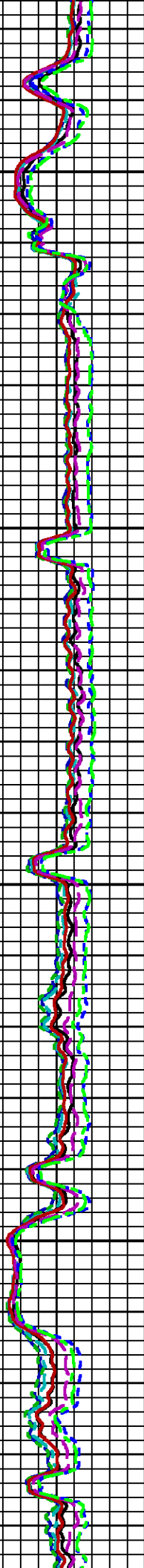
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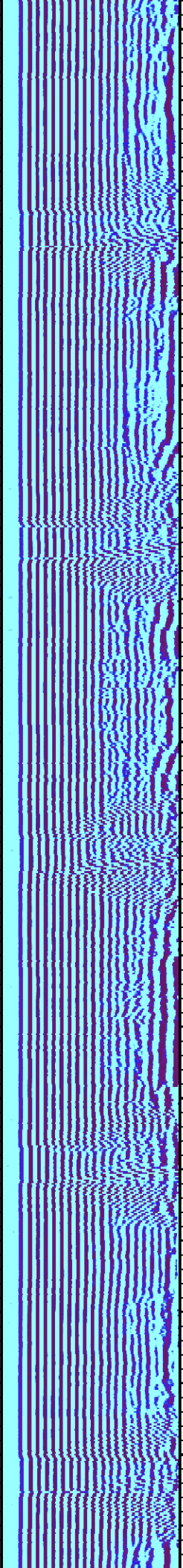
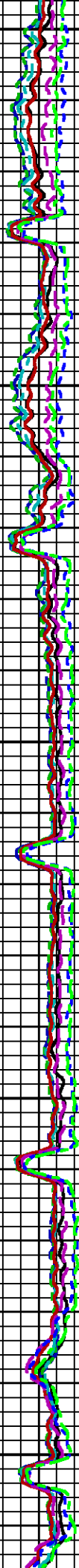
1700





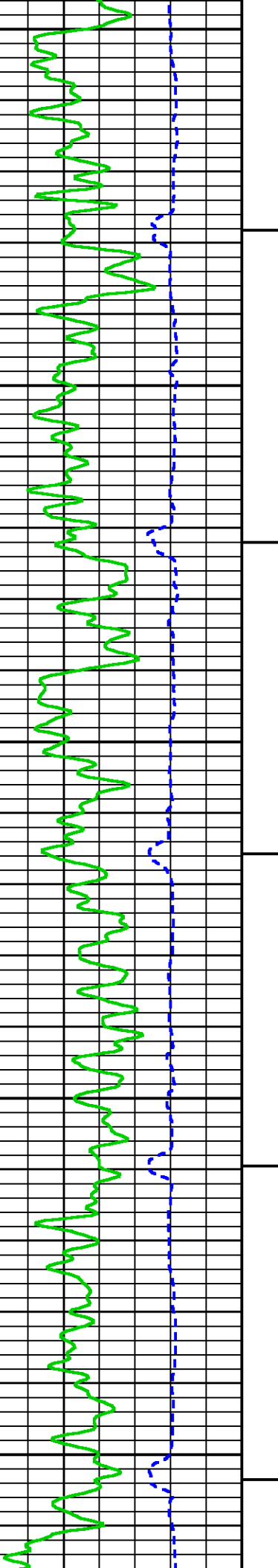


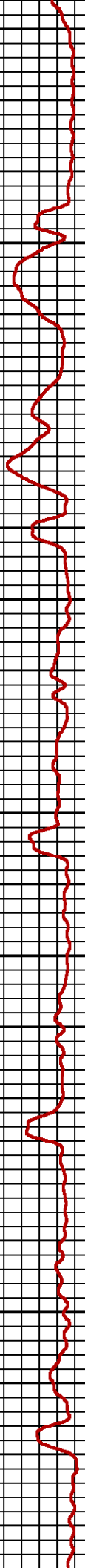
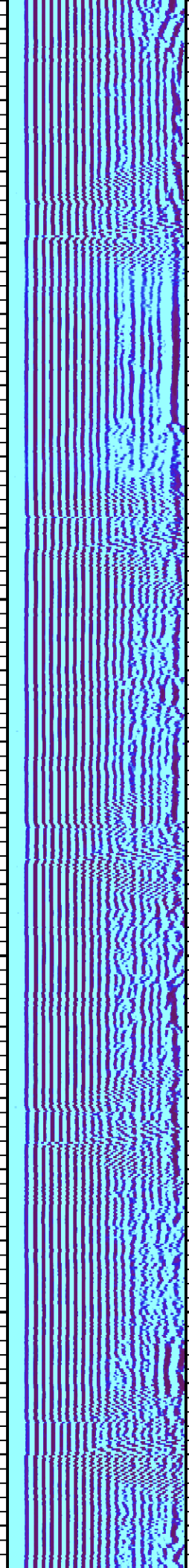
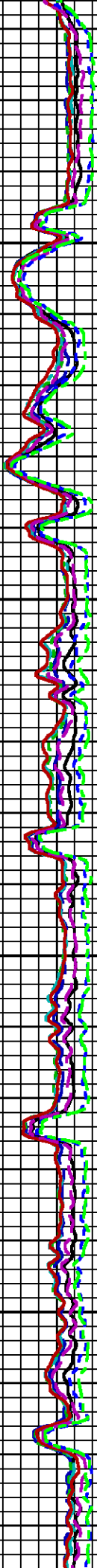
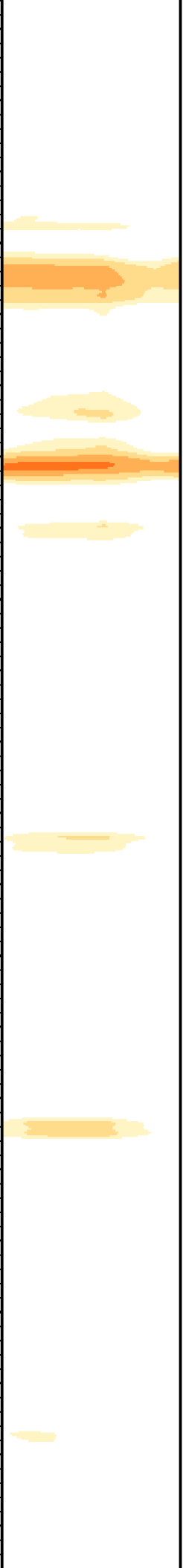




2500

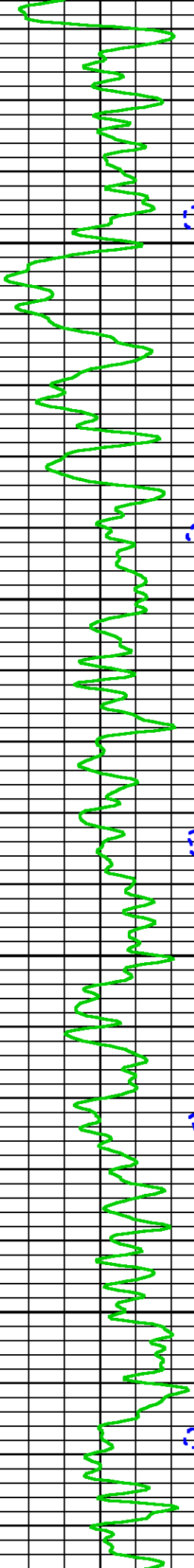
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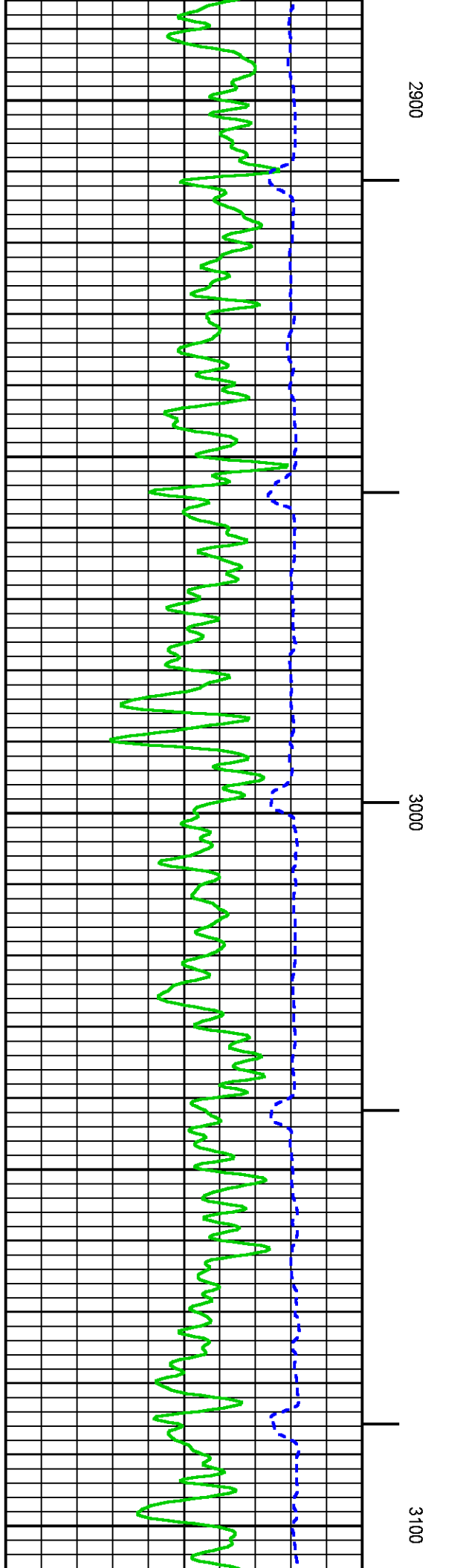
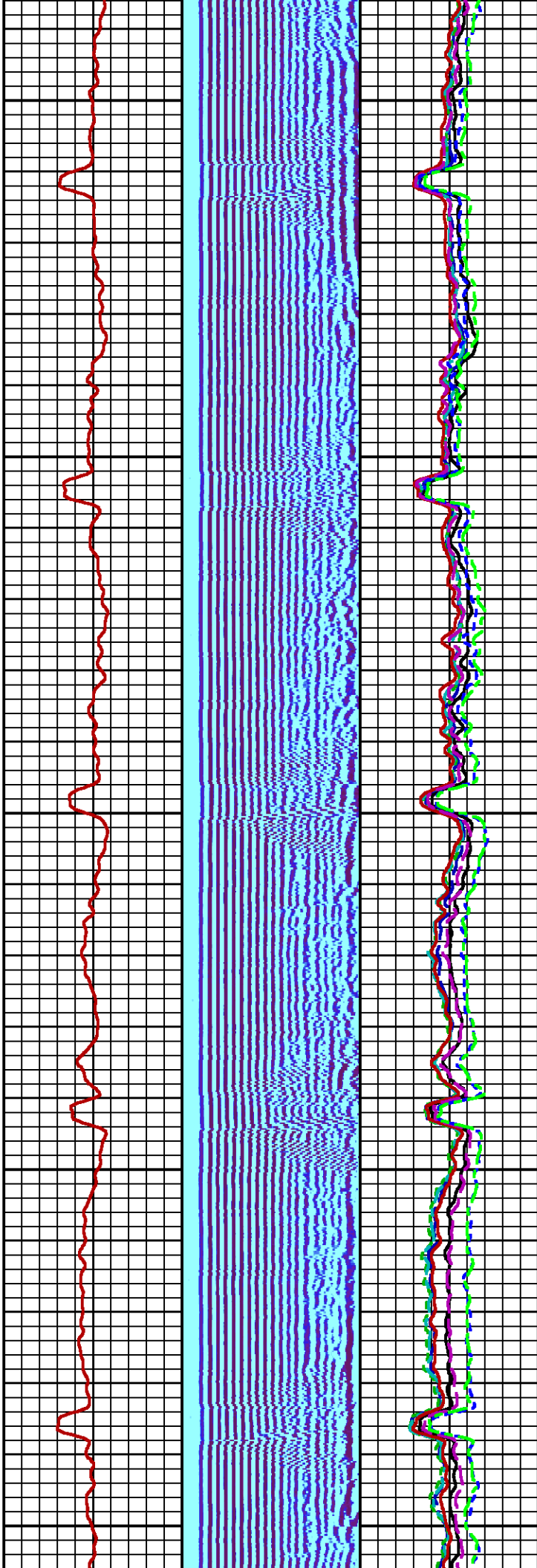
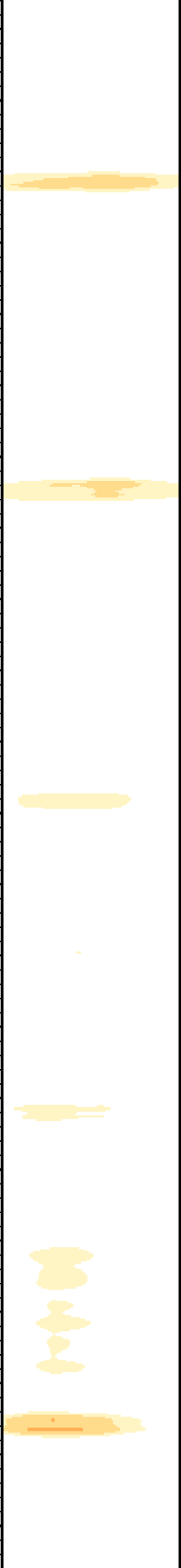


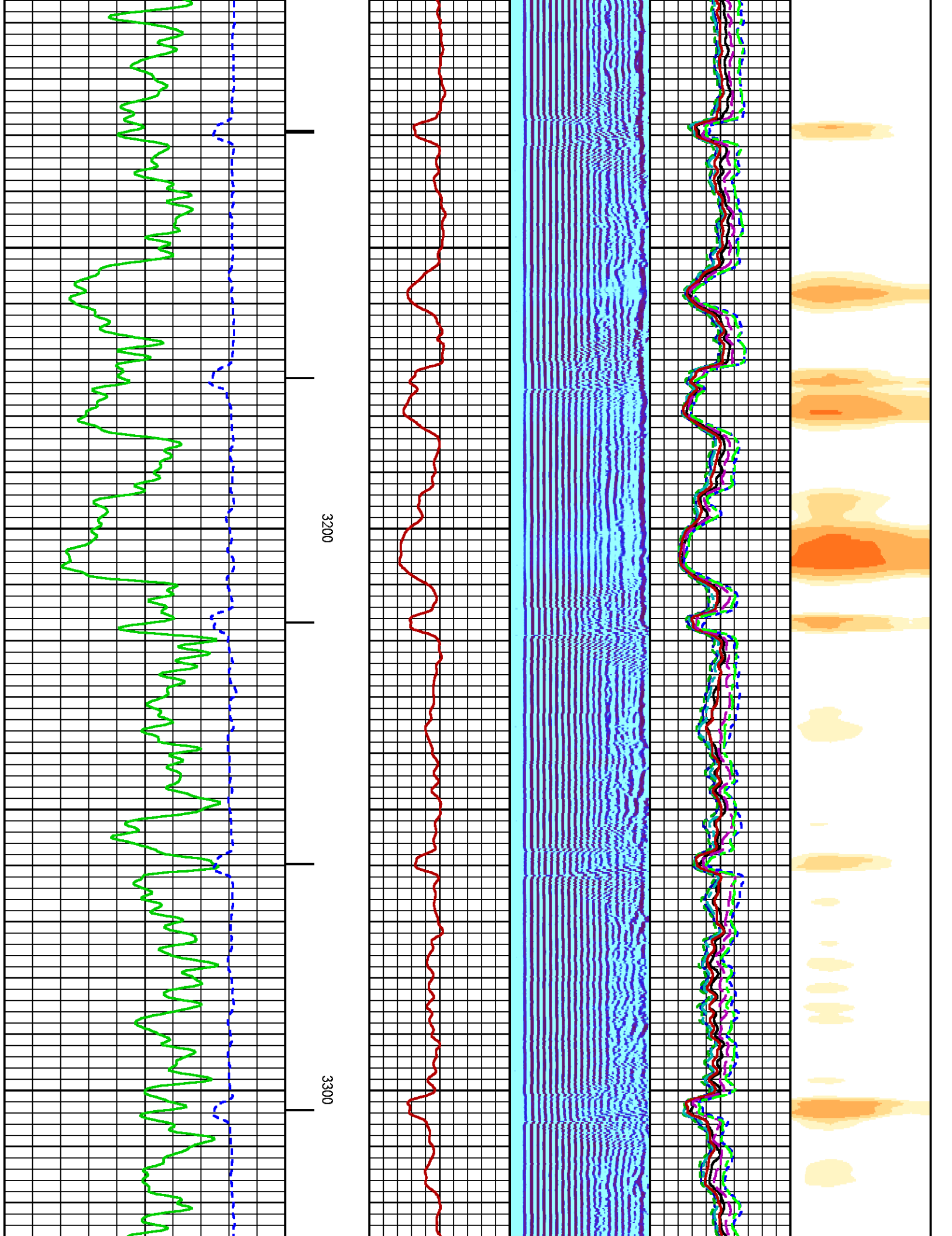


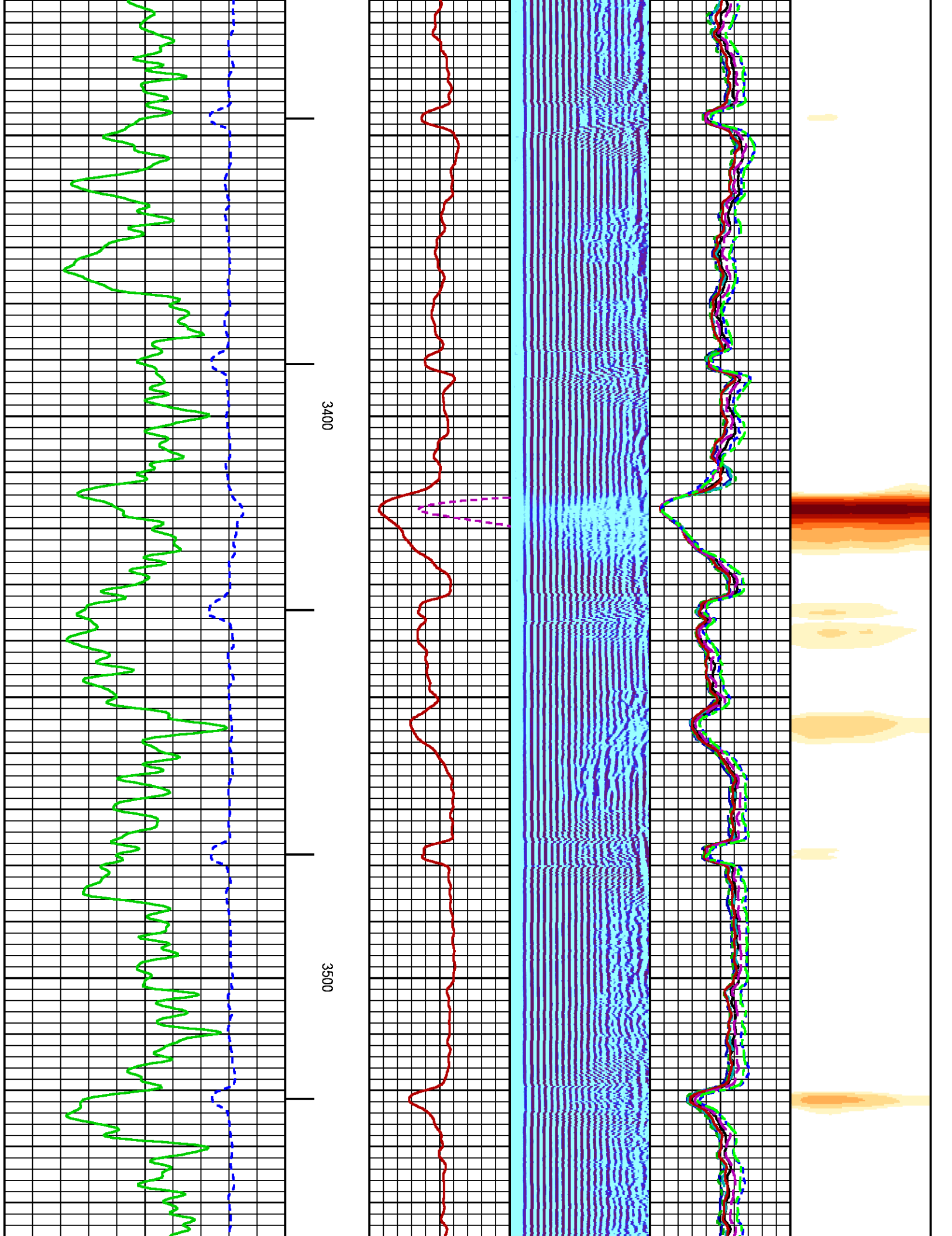
2700

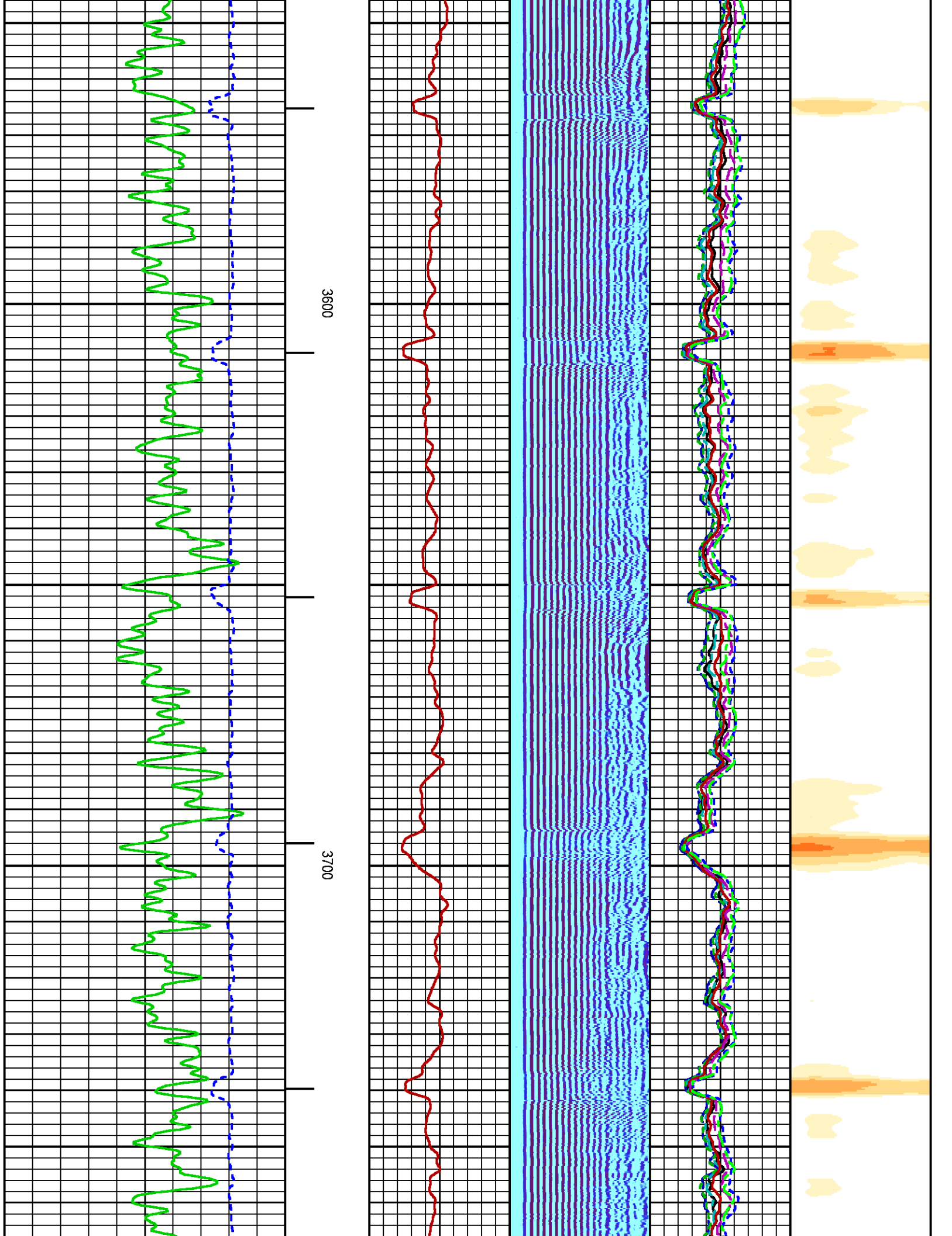
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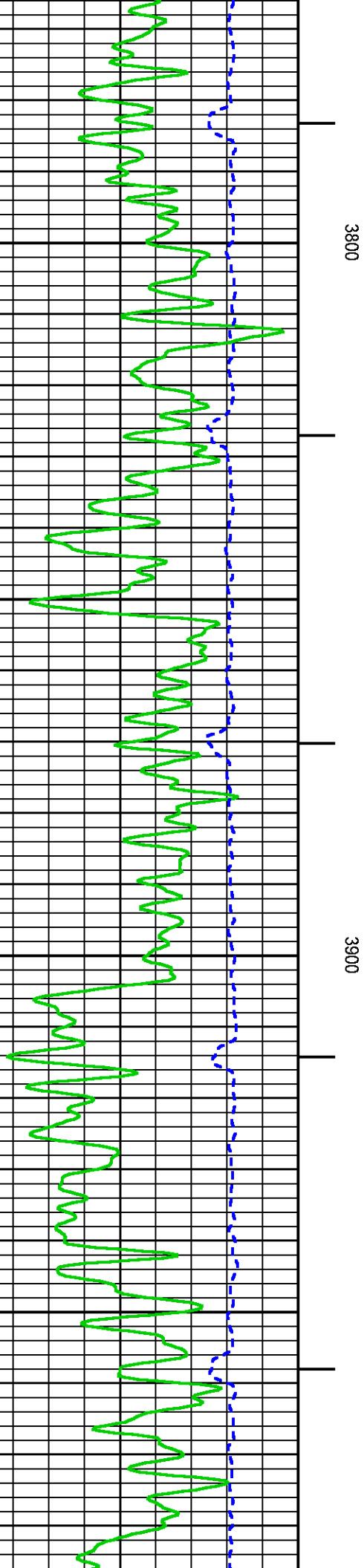
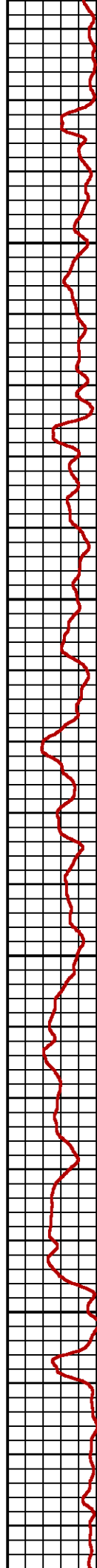
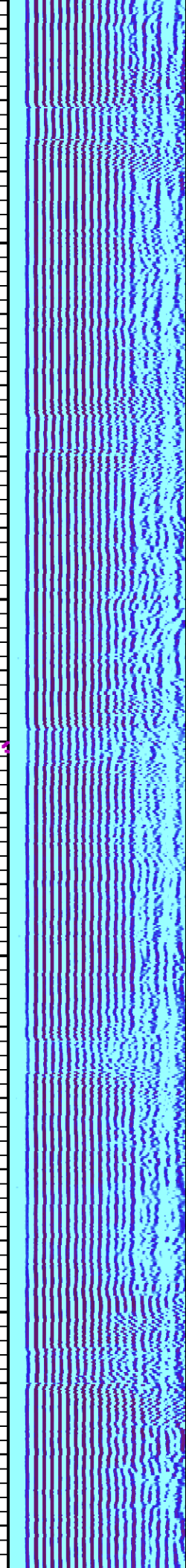
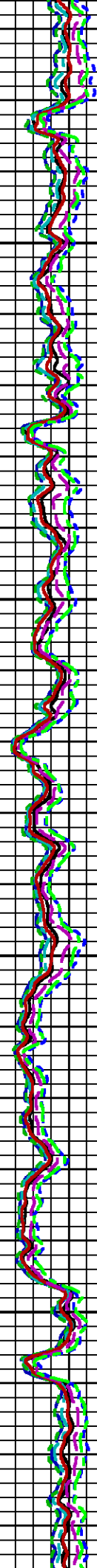
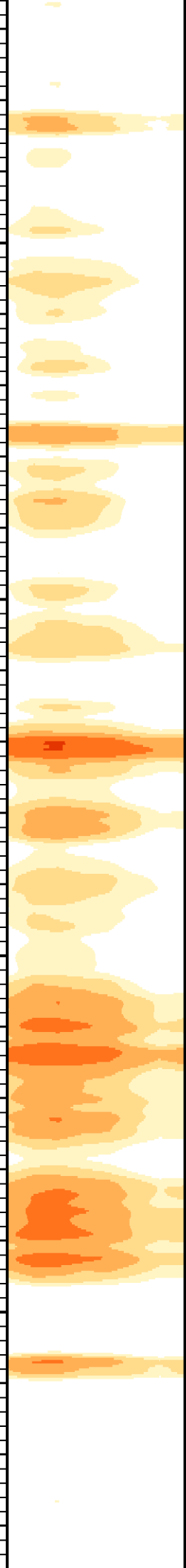


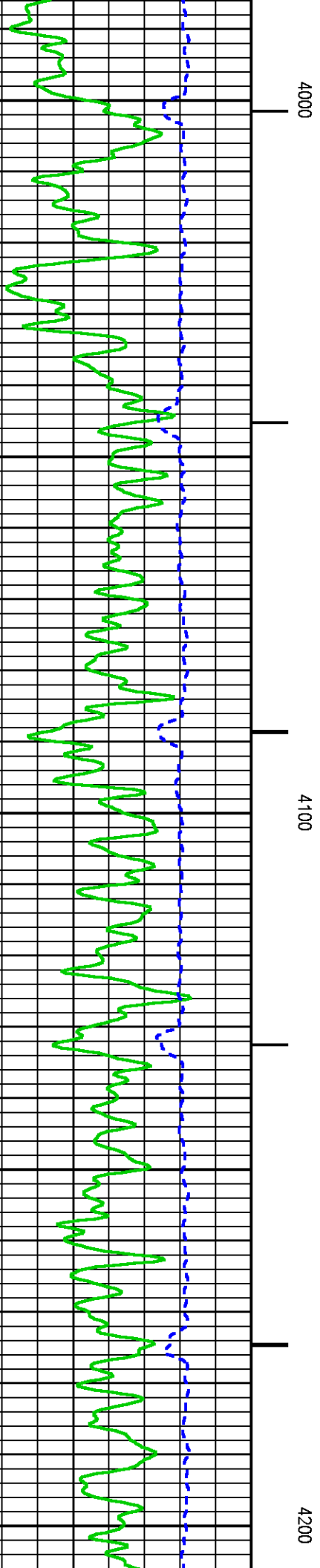
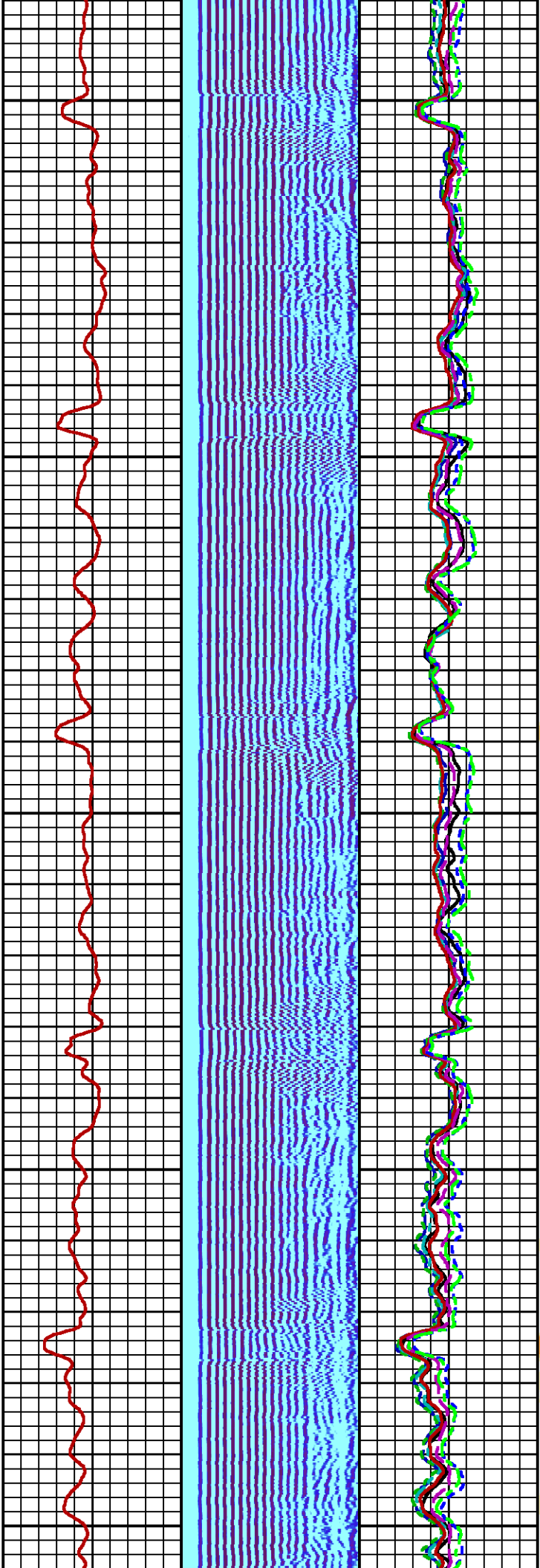
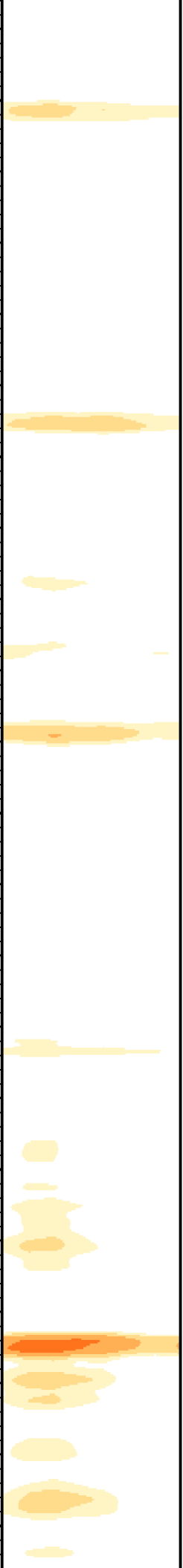


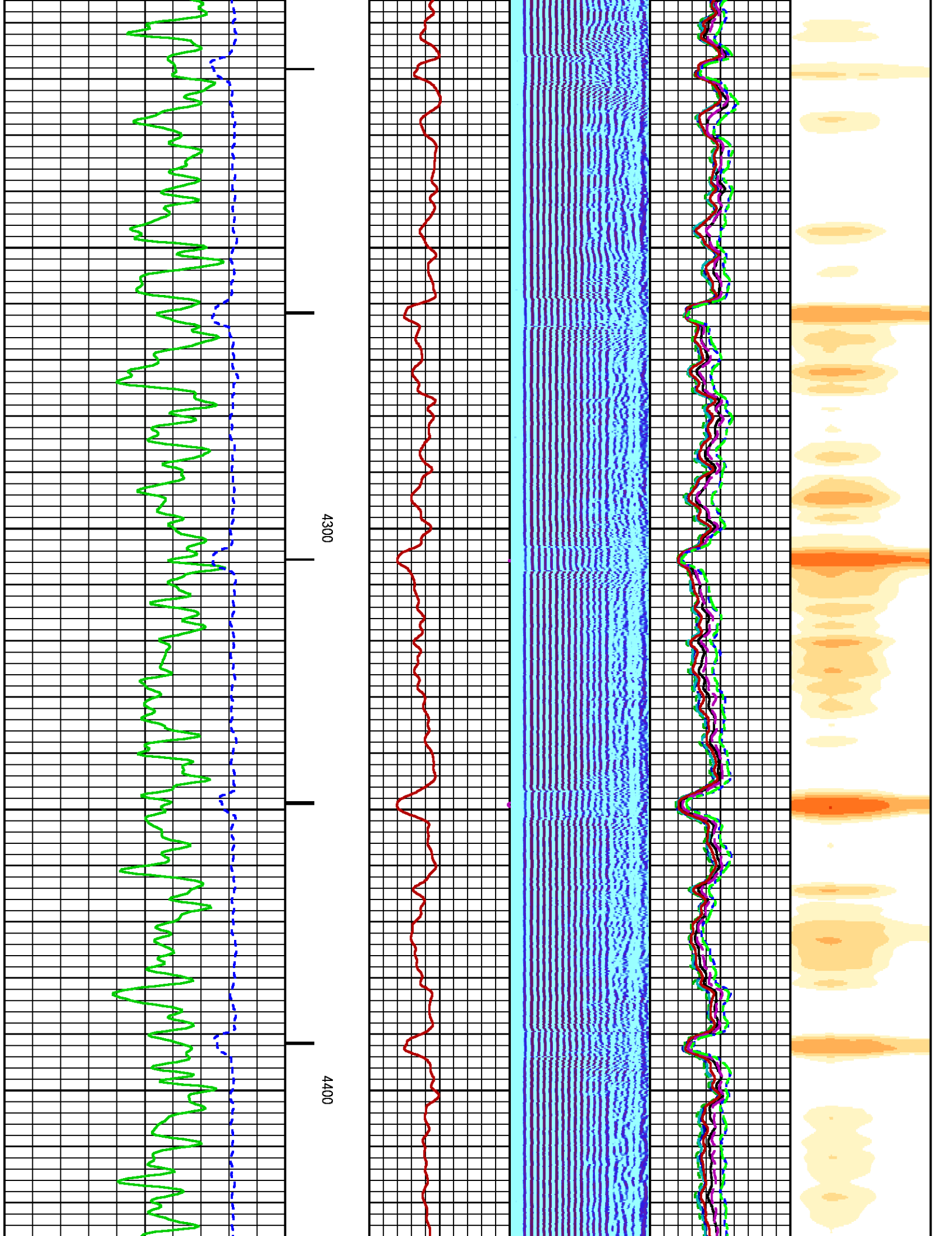


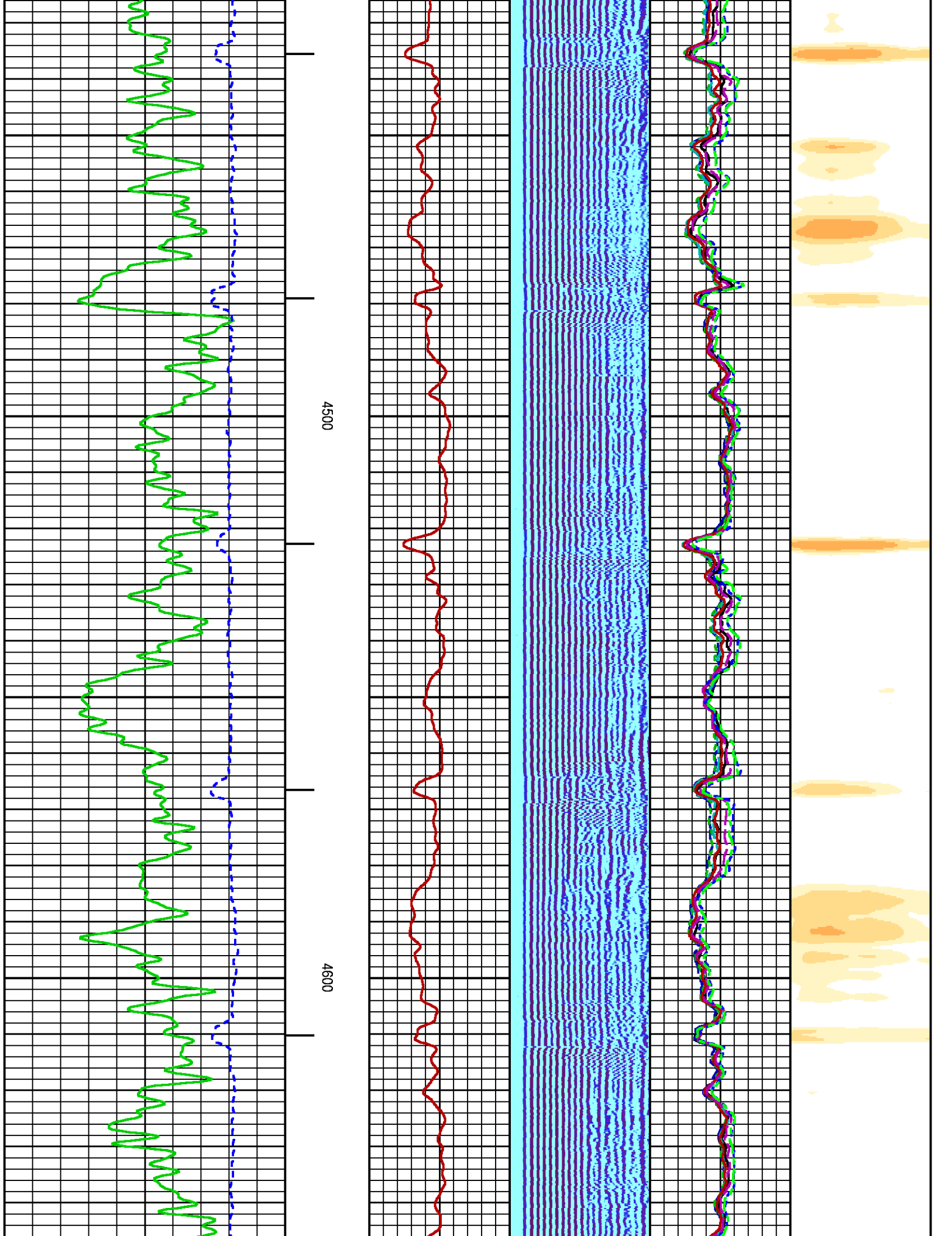


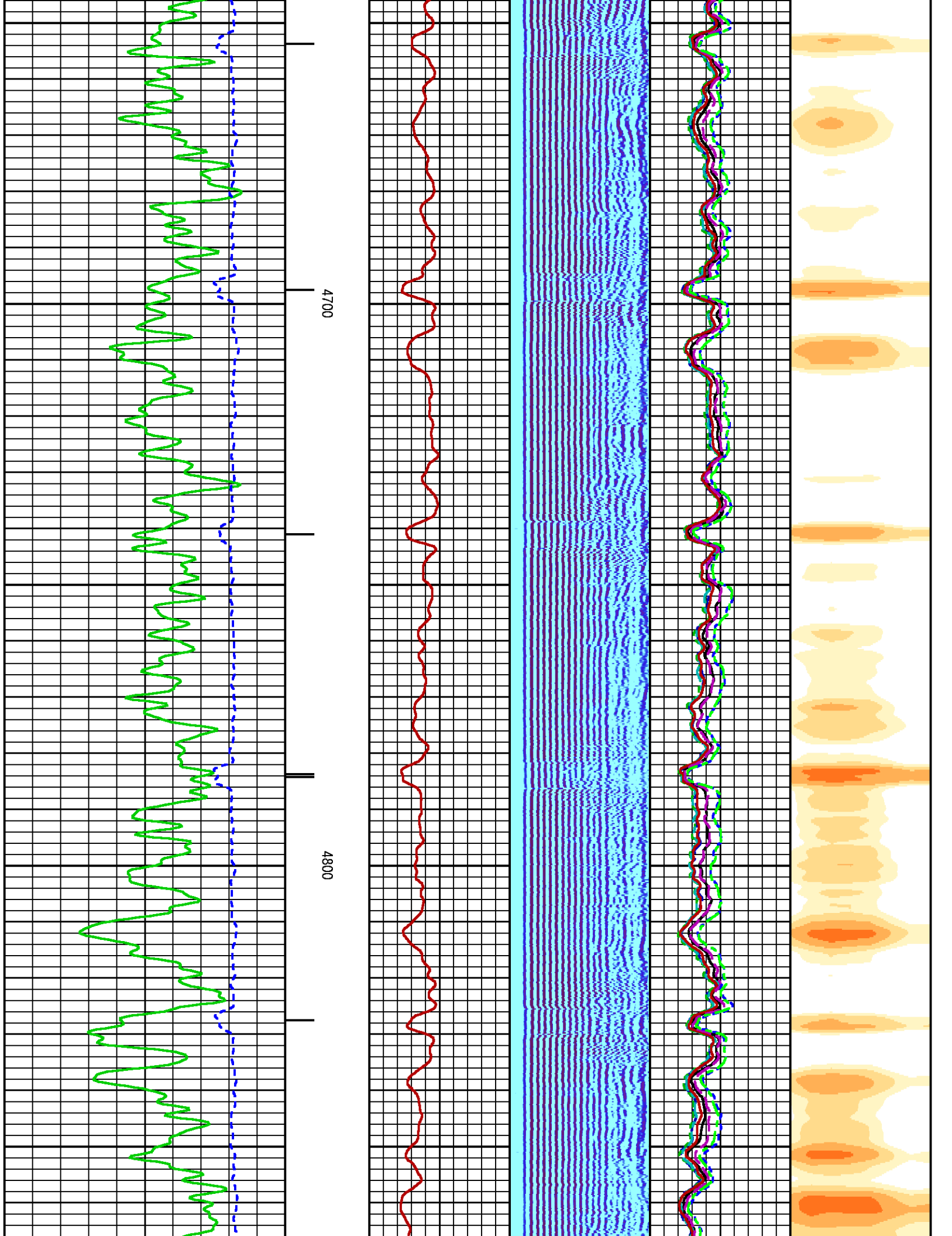


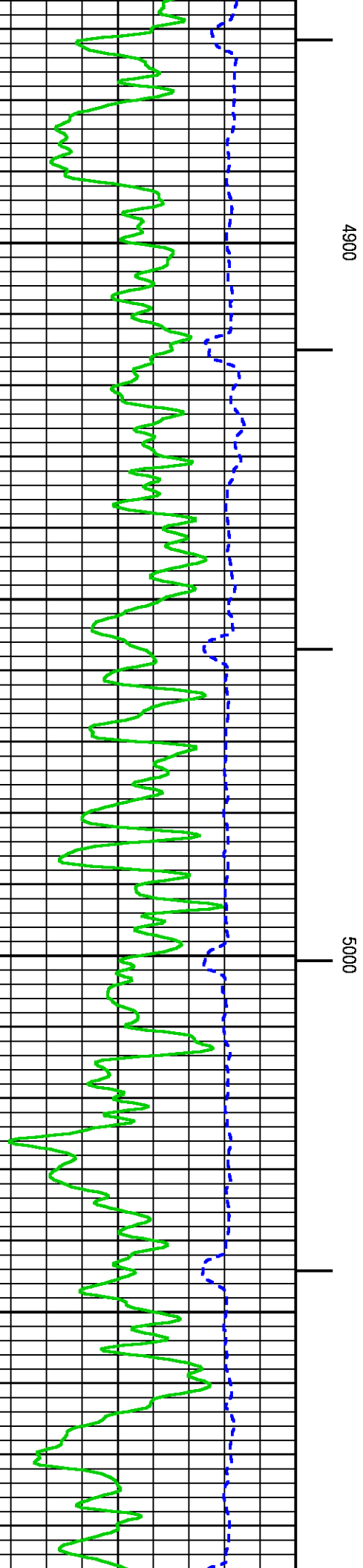
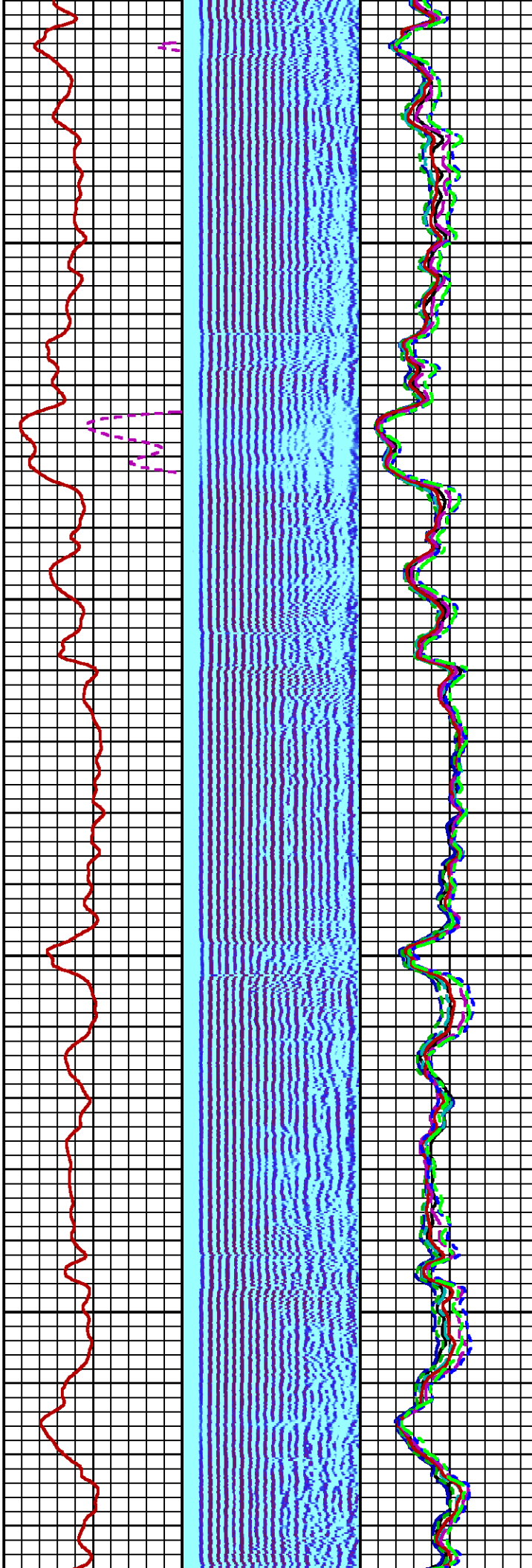
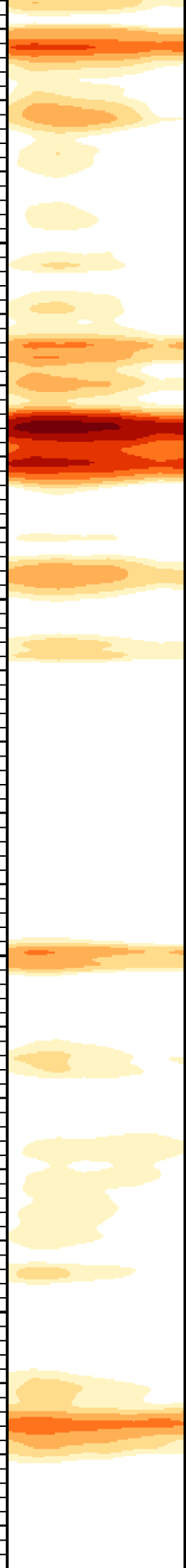


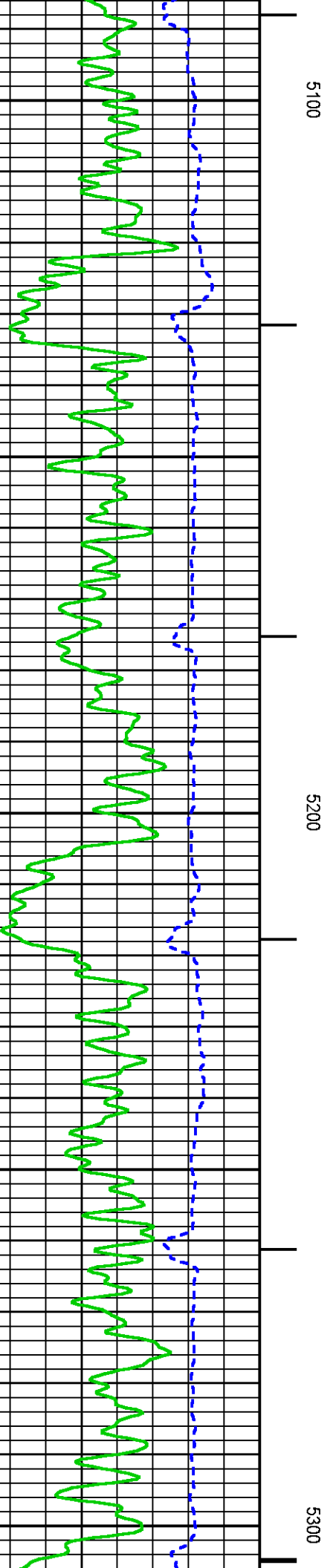
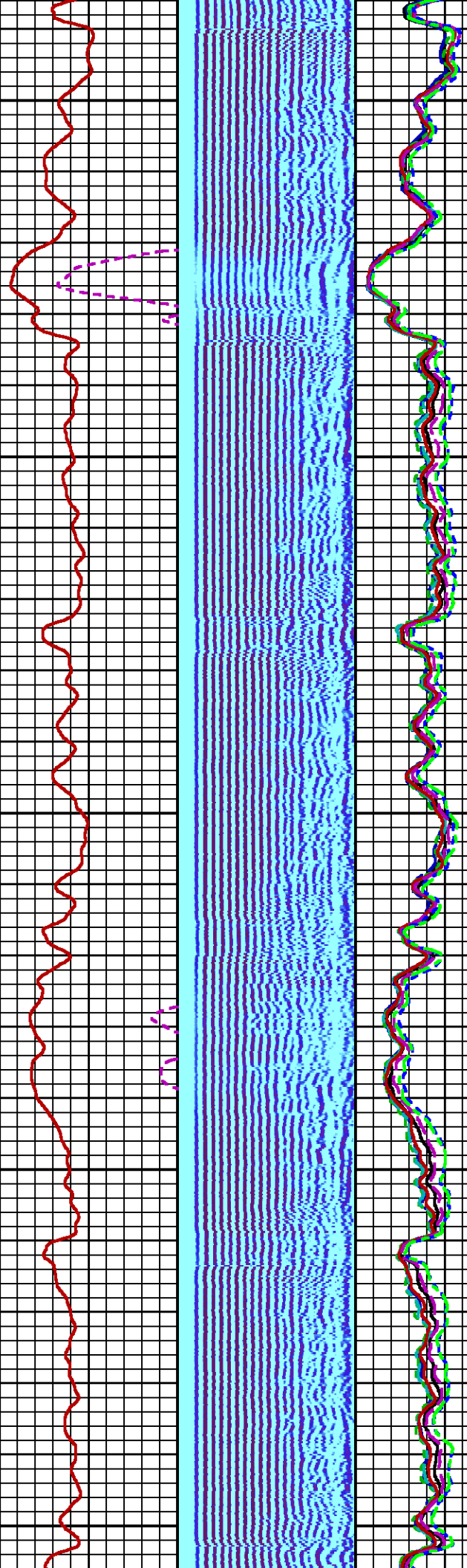


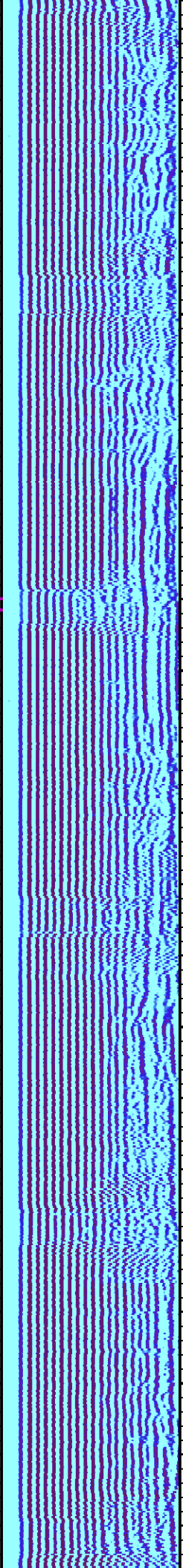
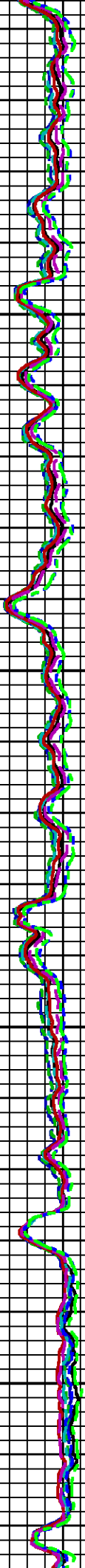






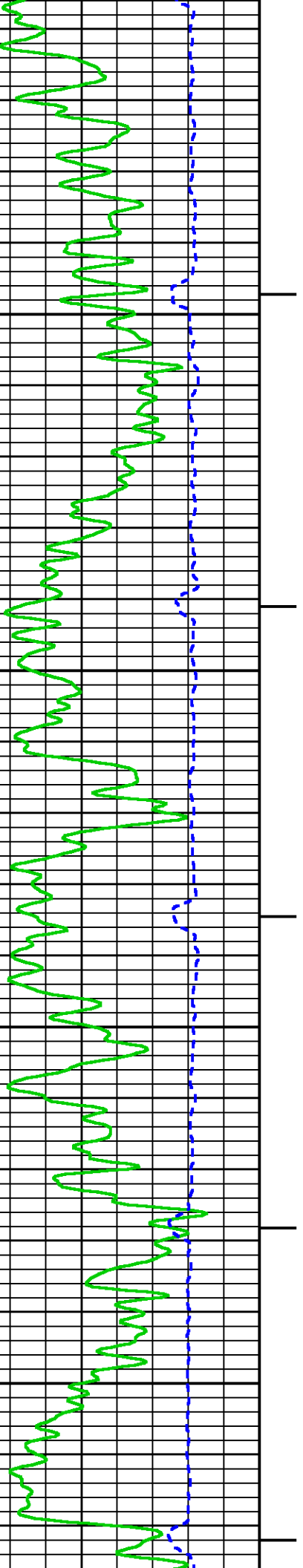


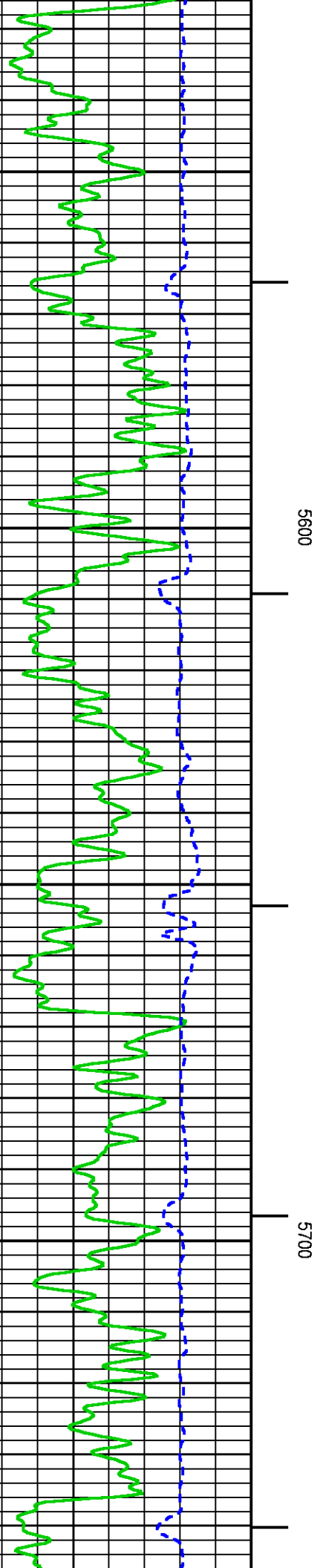
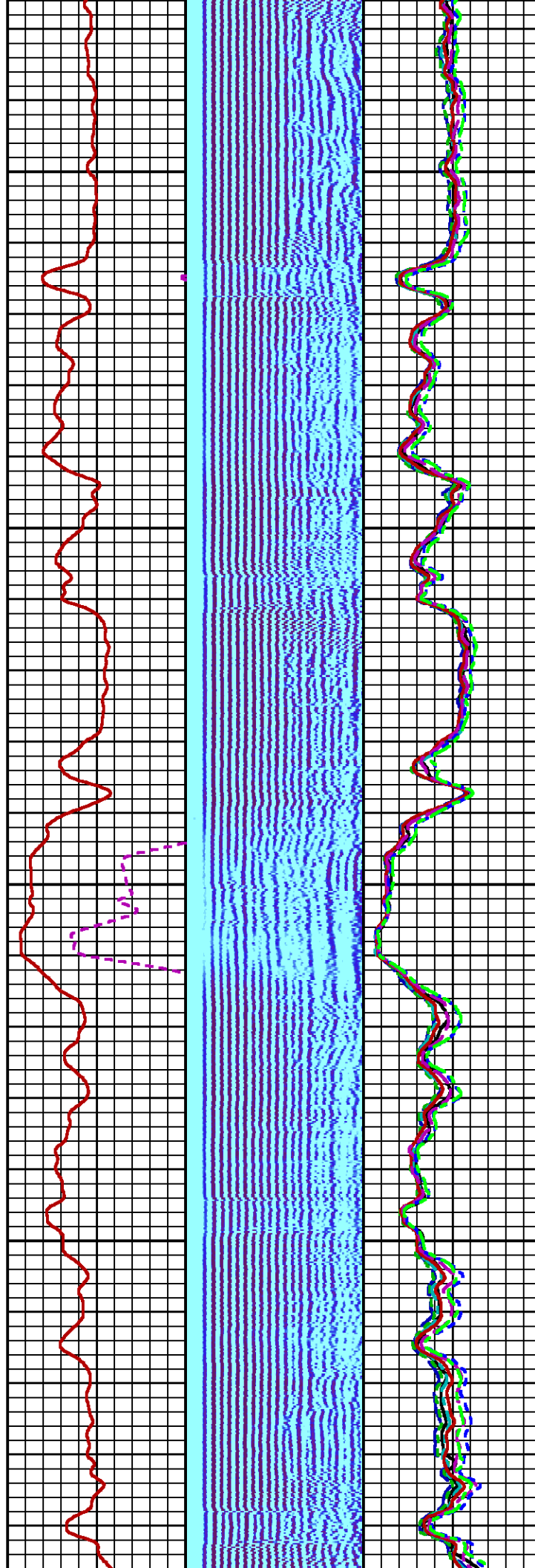
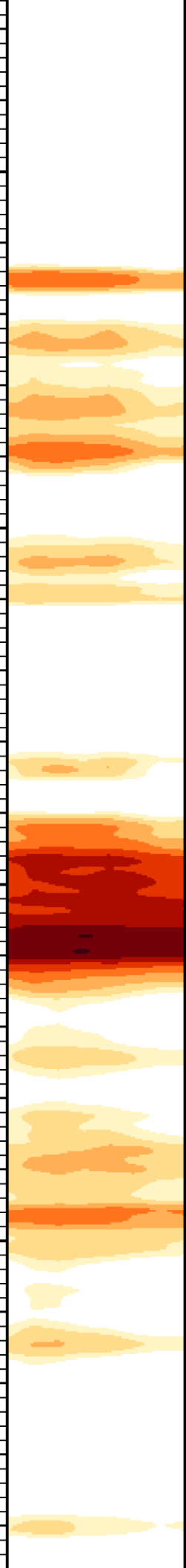


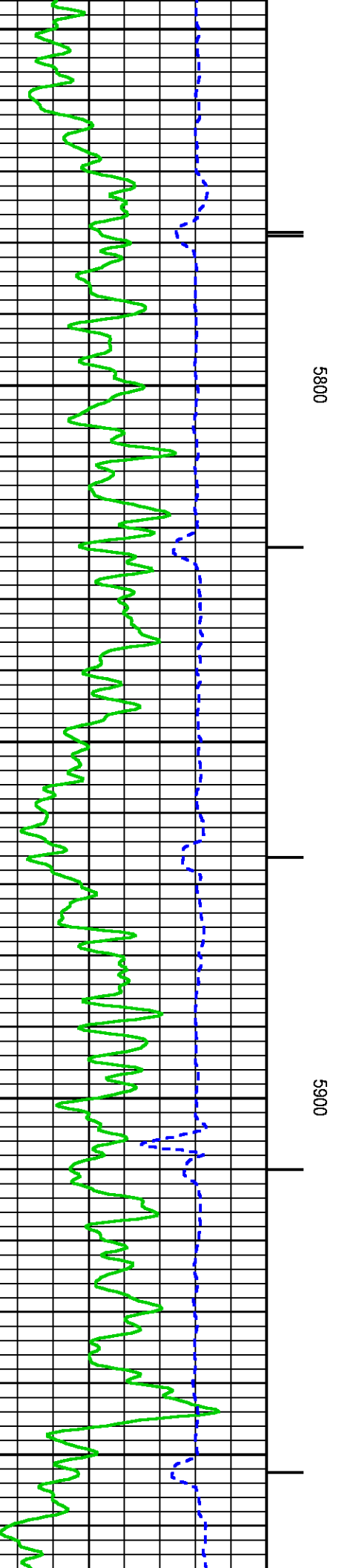
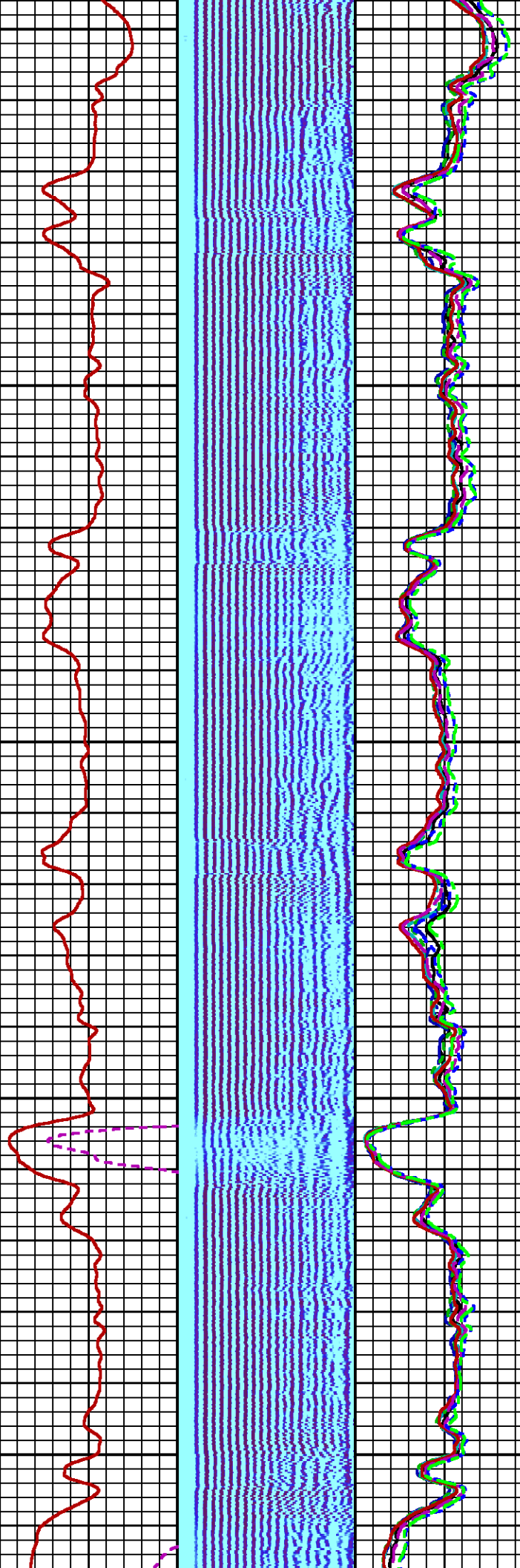
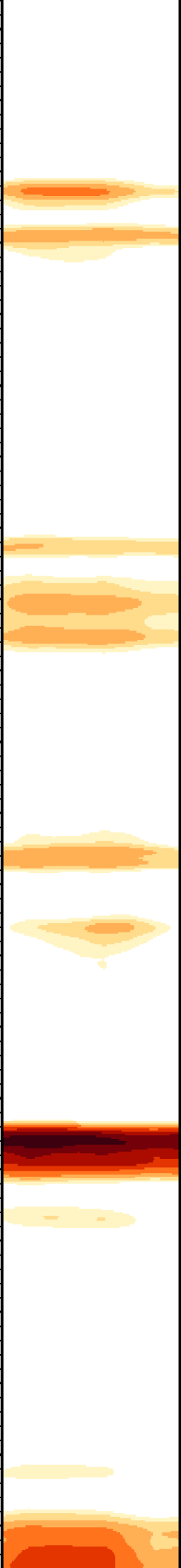


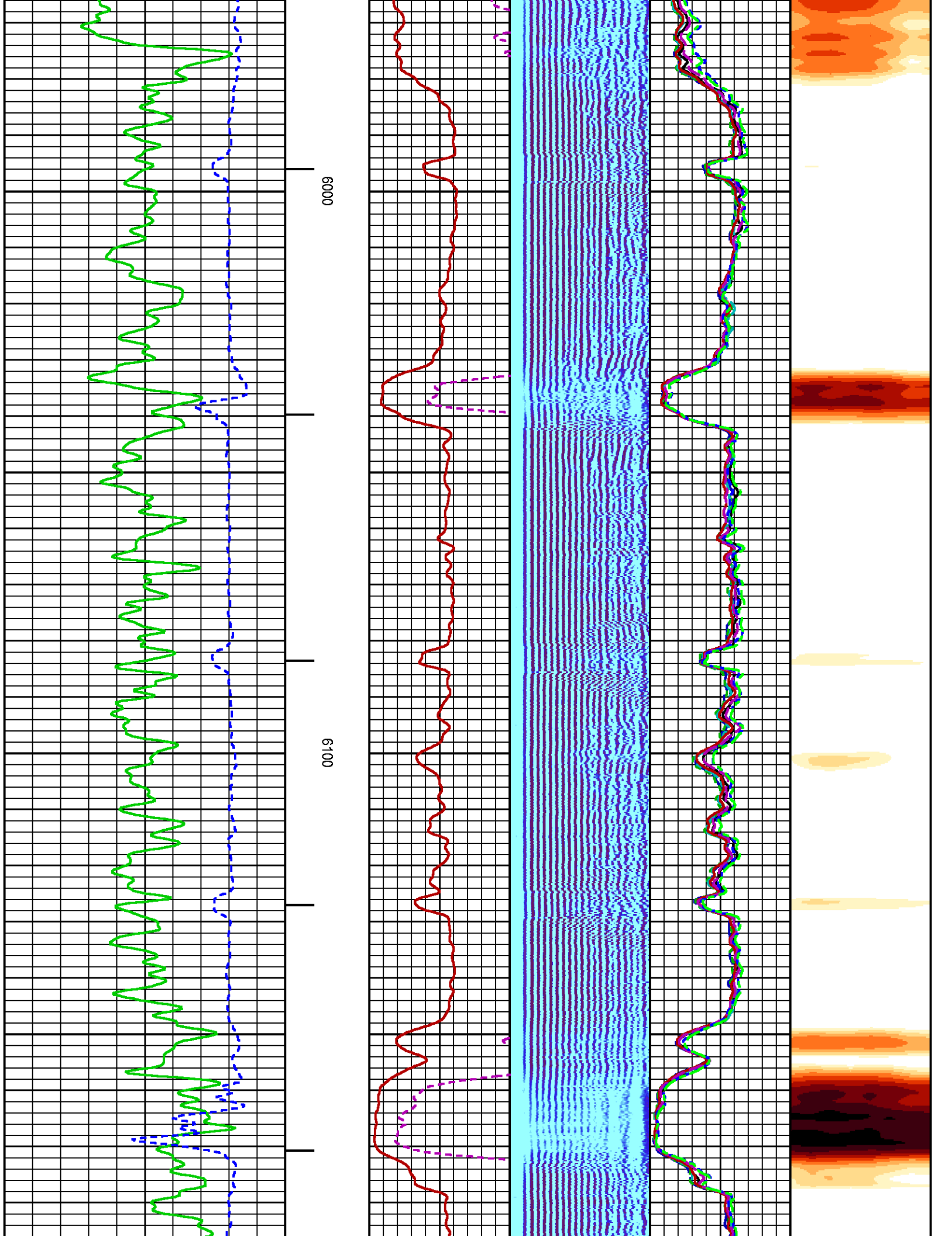
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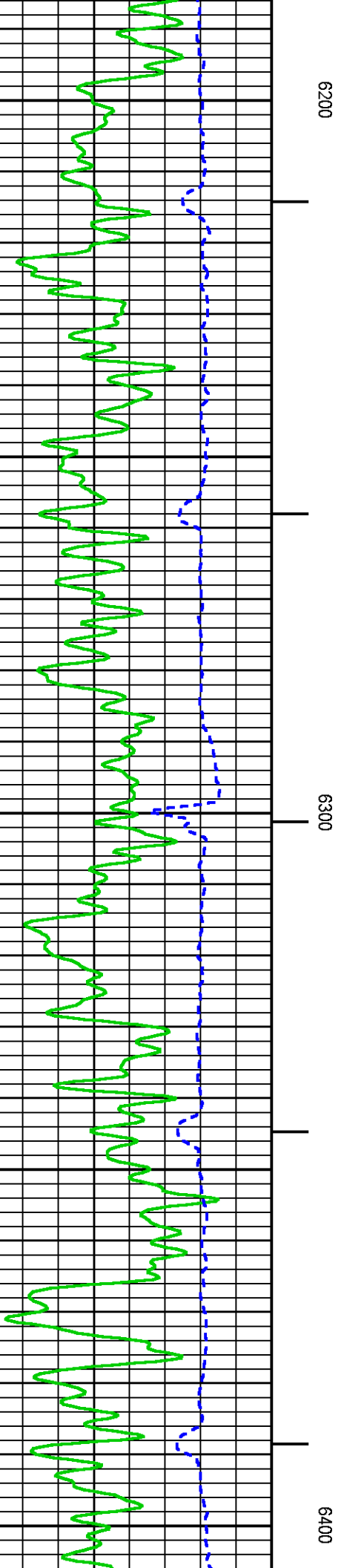
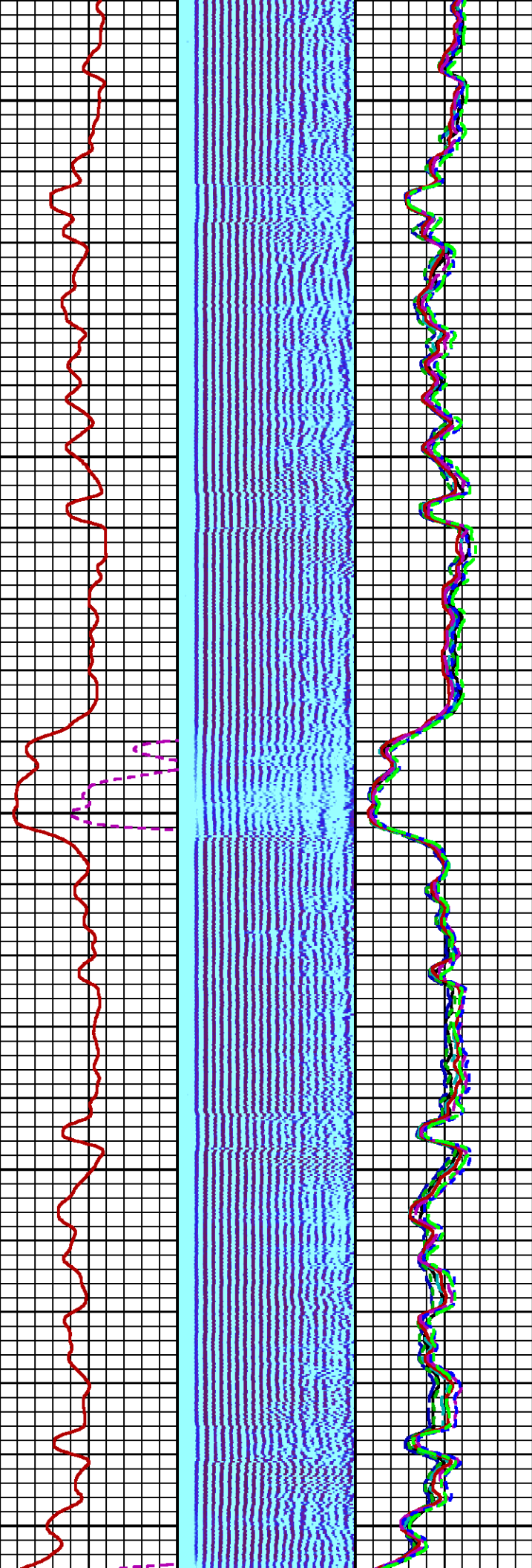
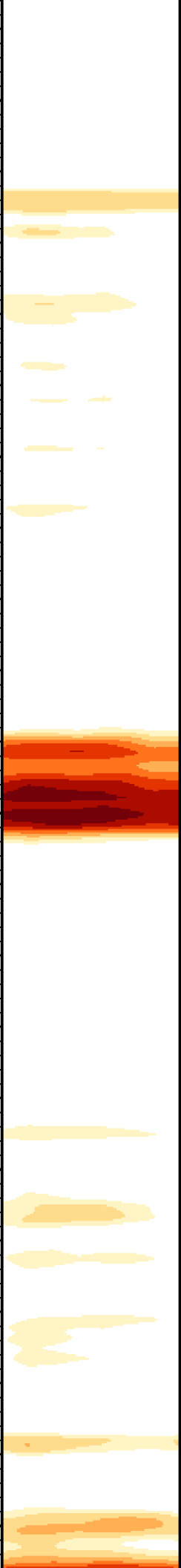
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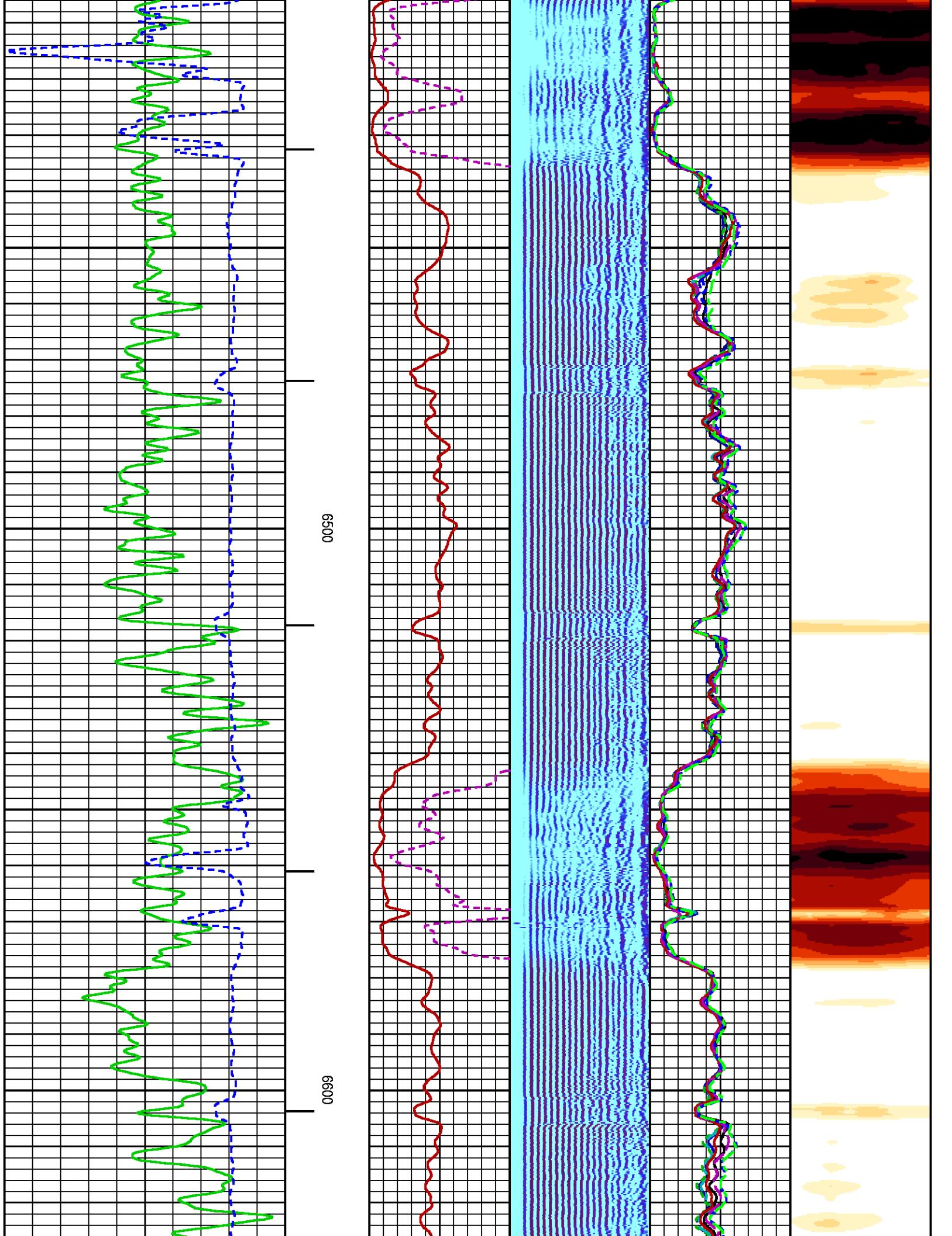


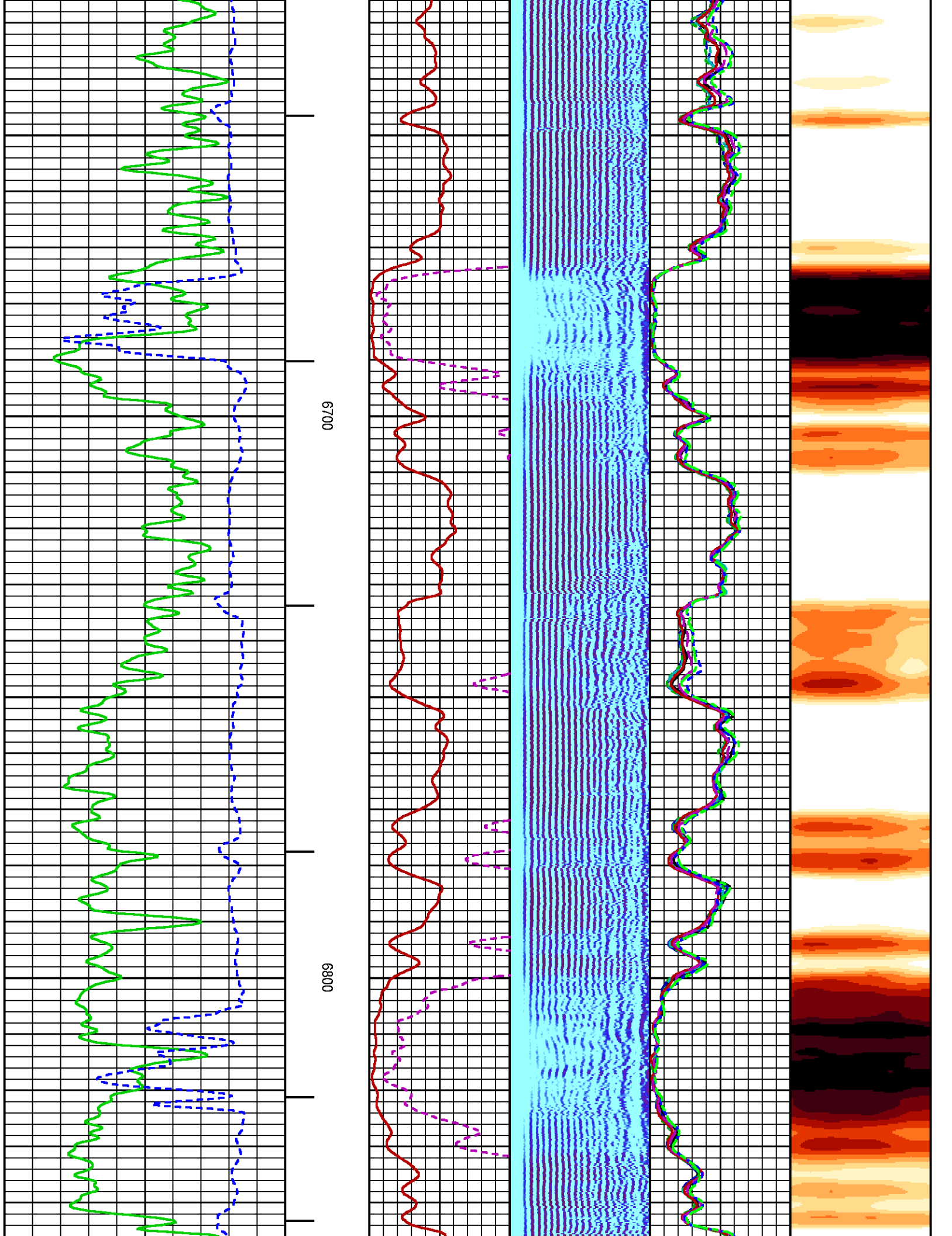


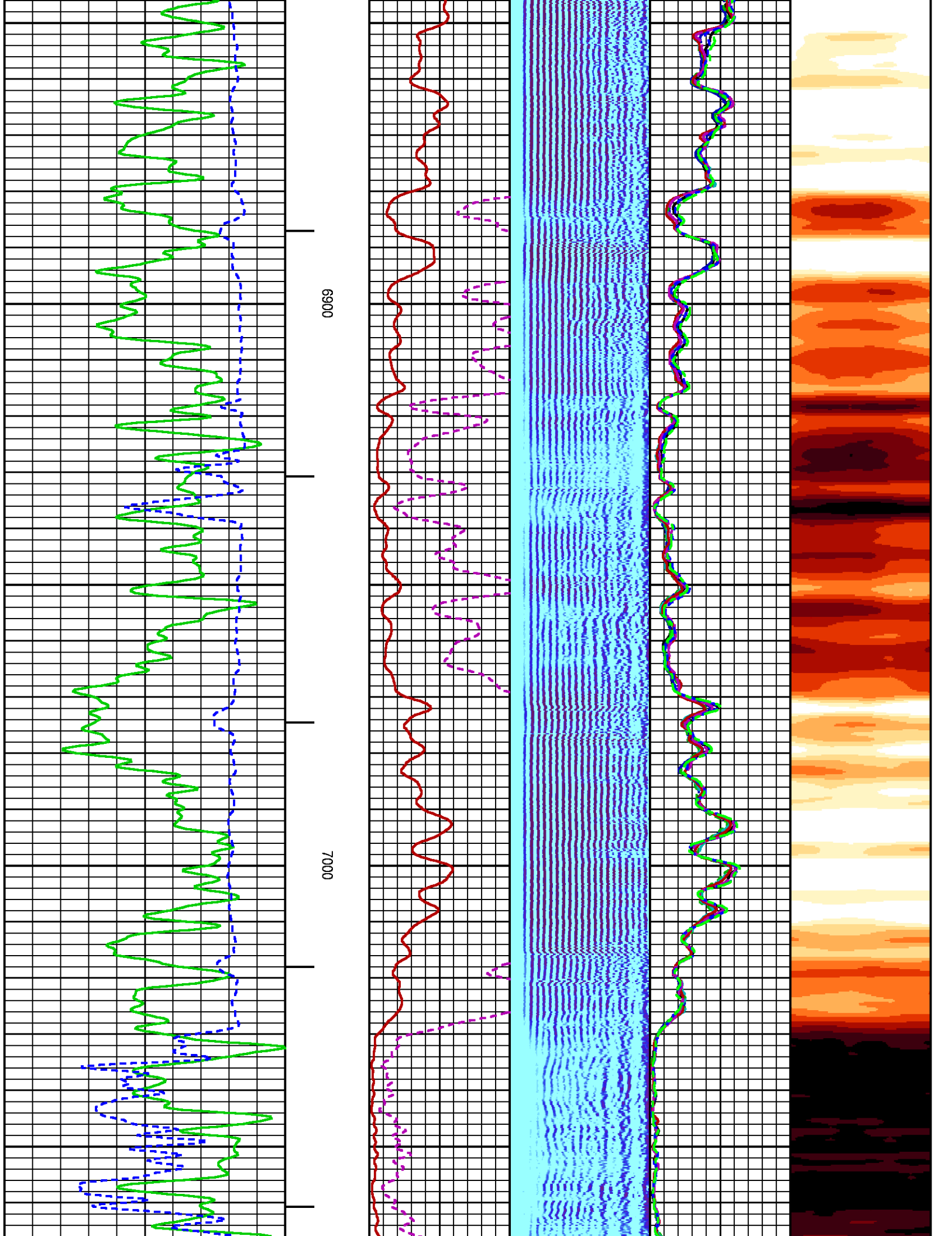


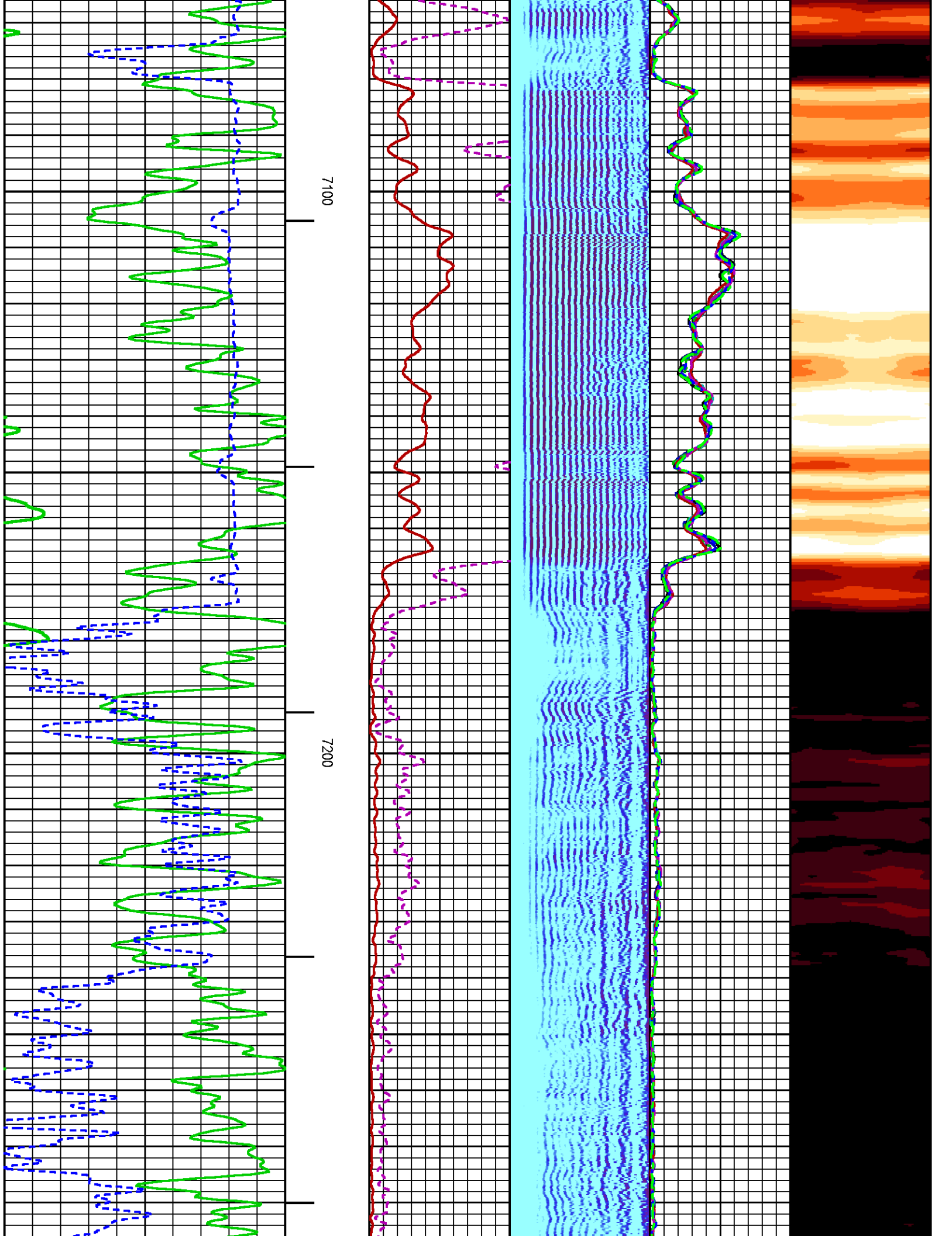


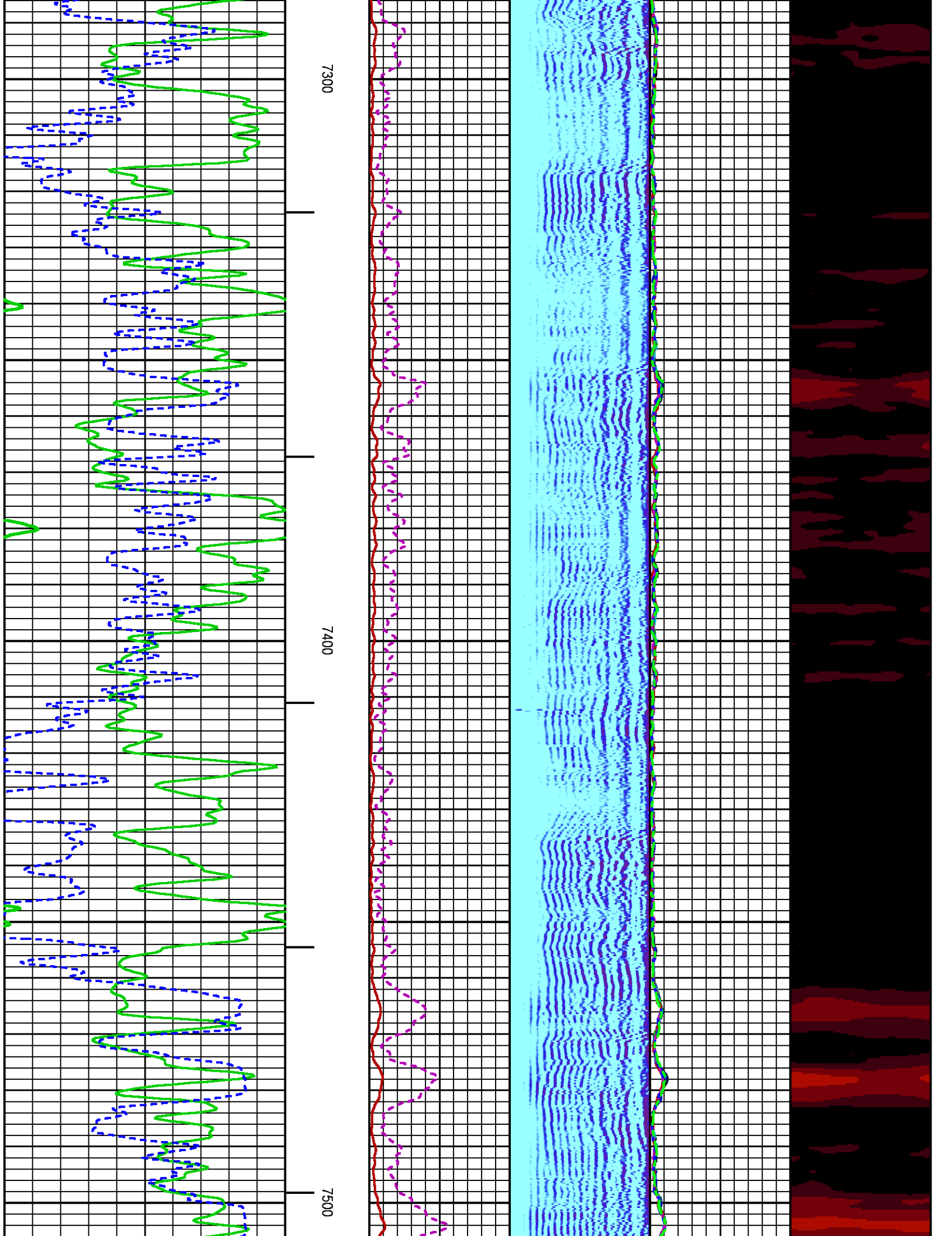


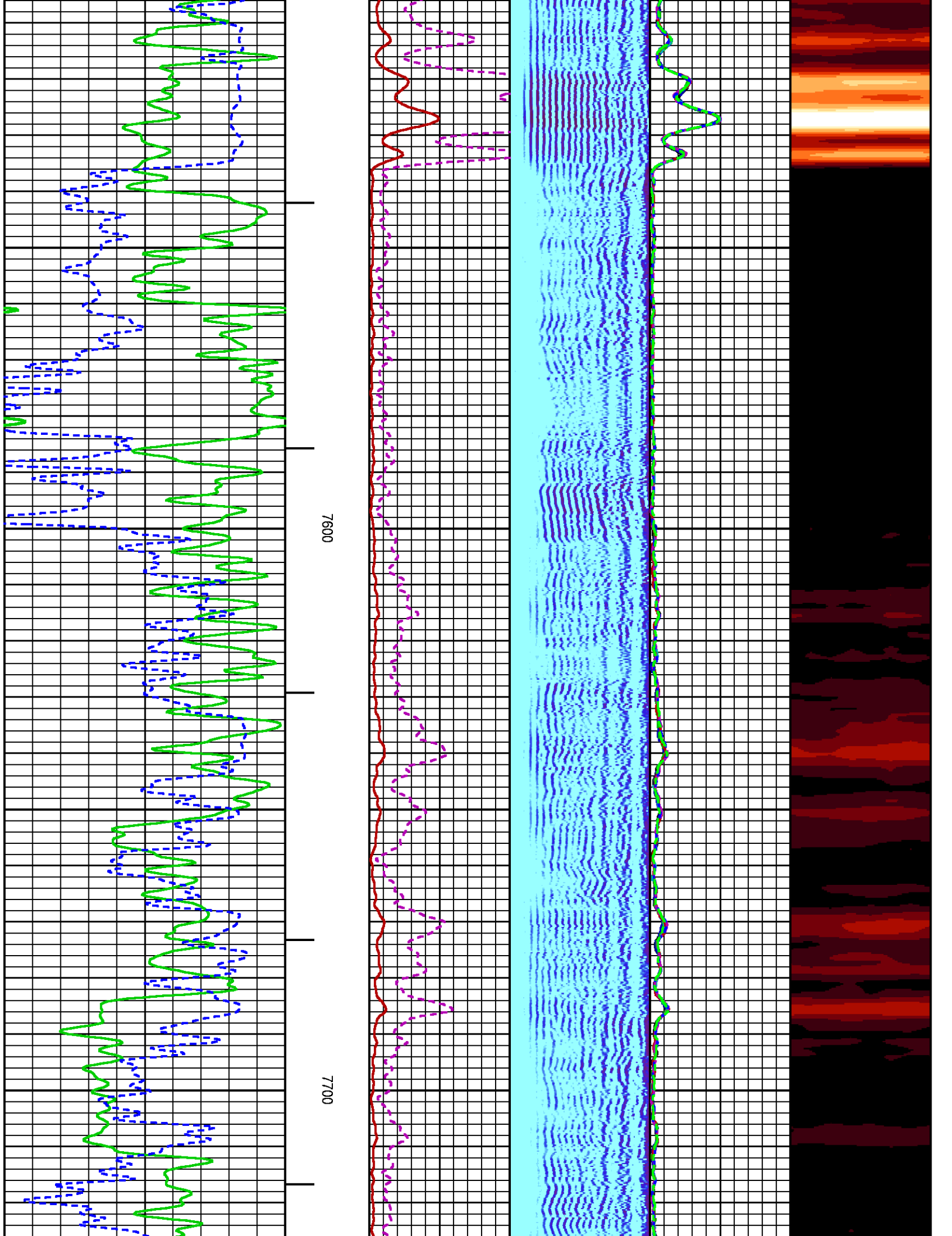


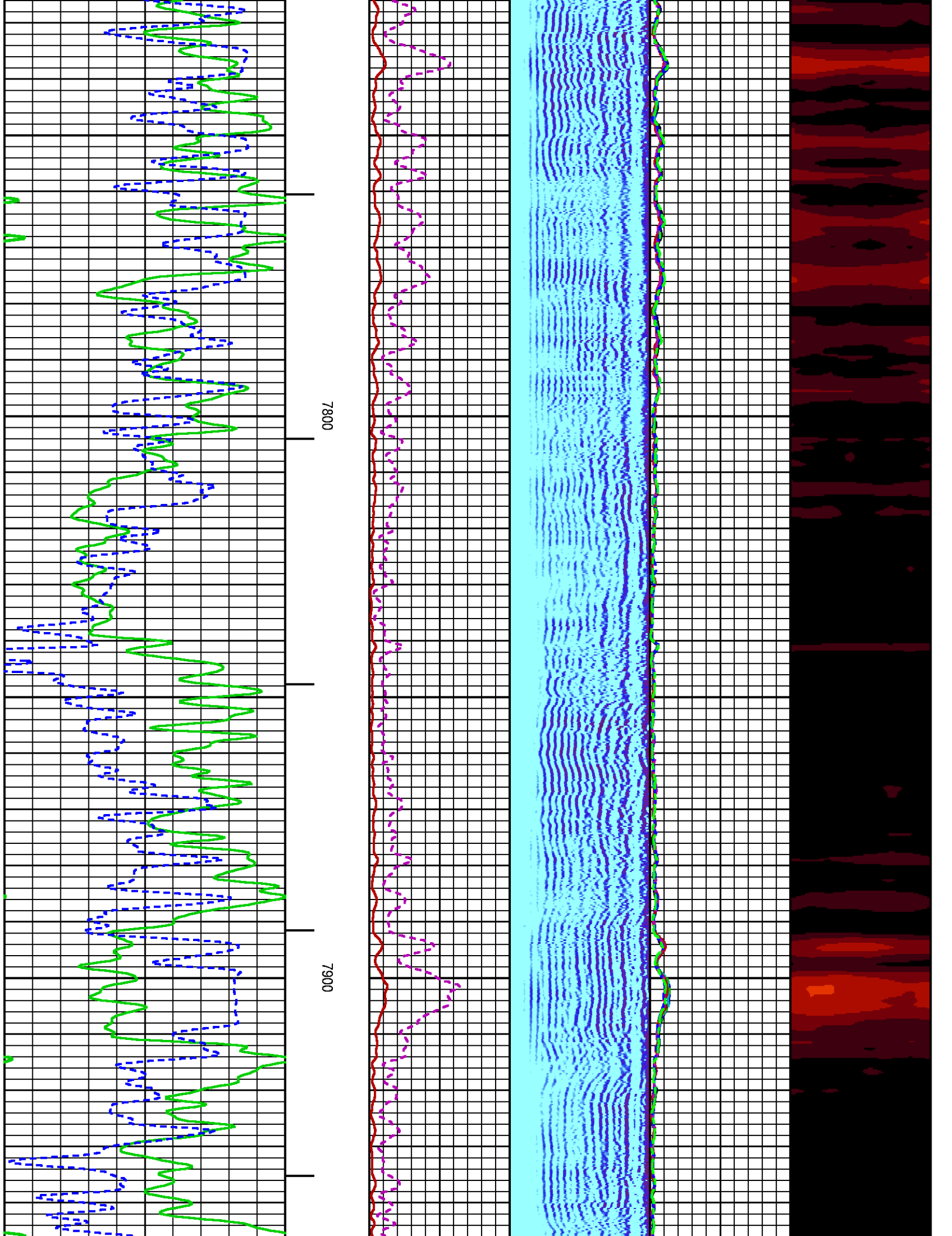


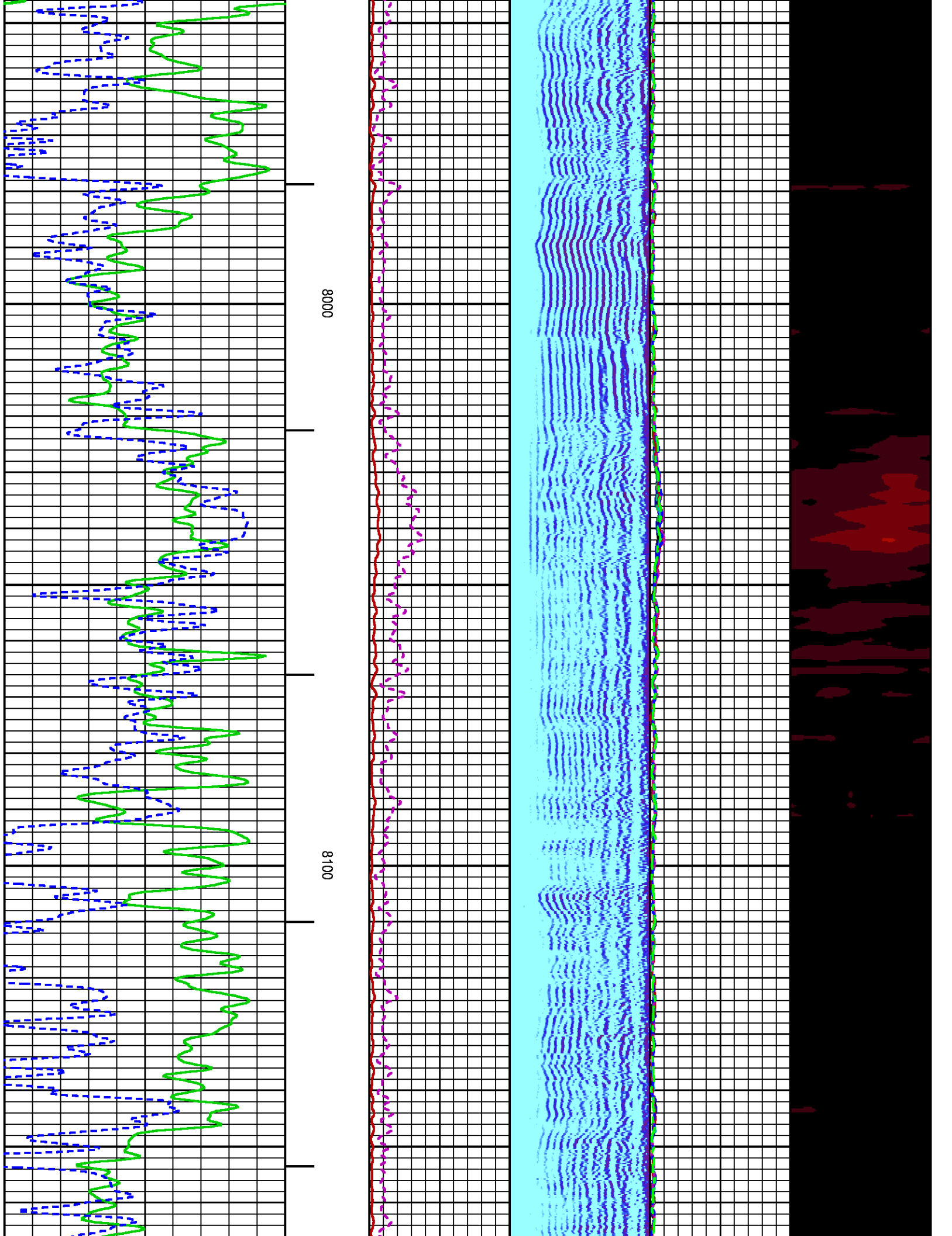


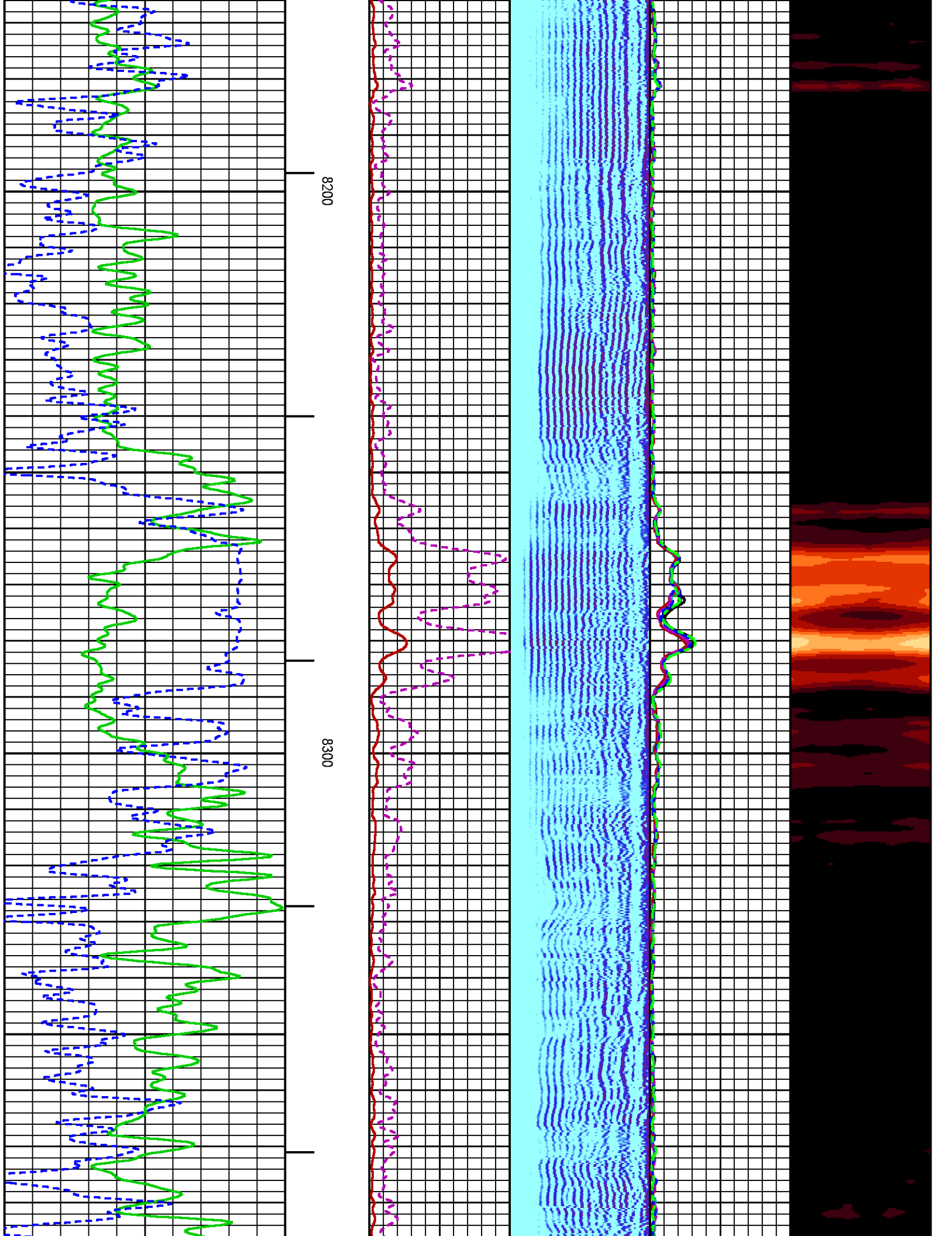


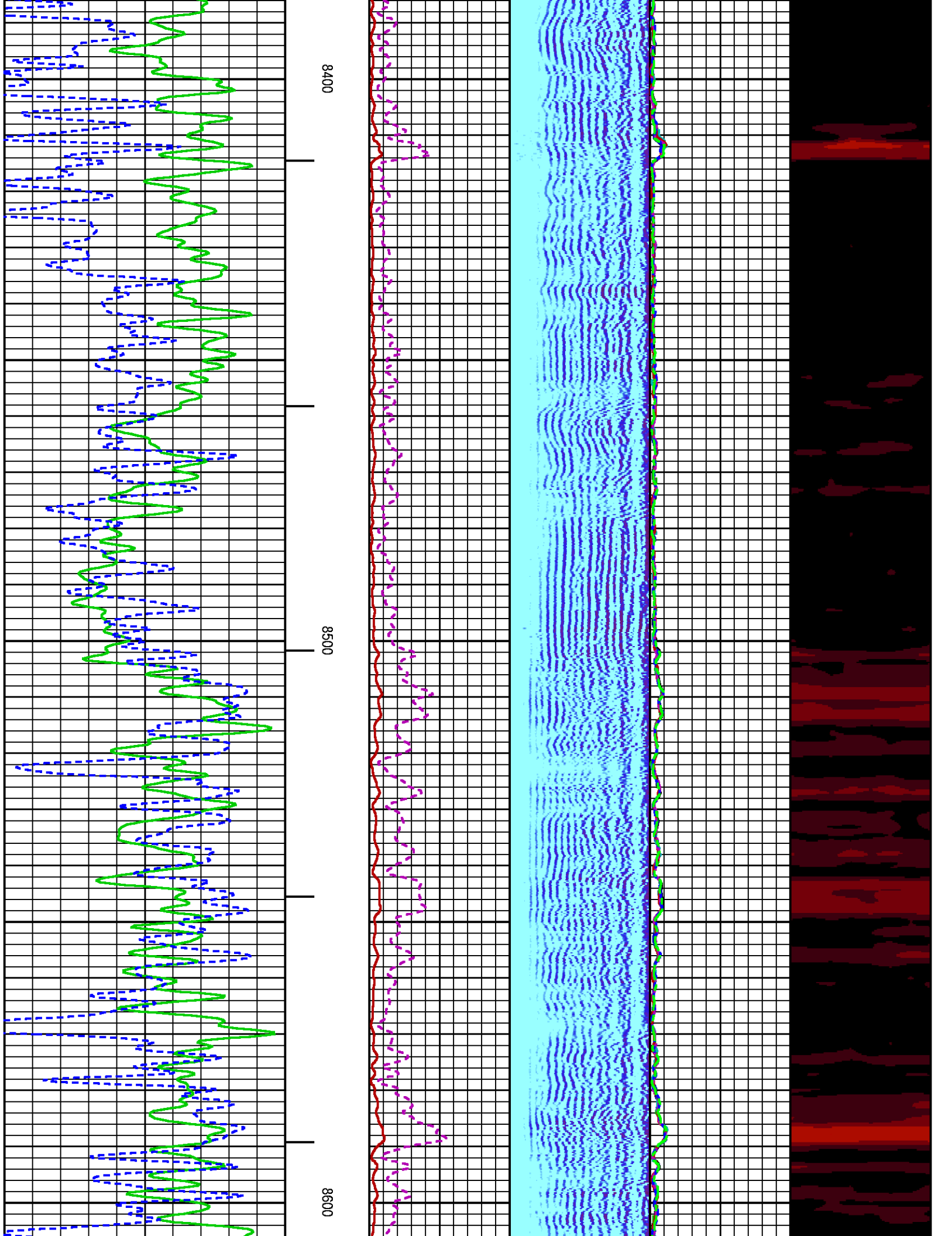


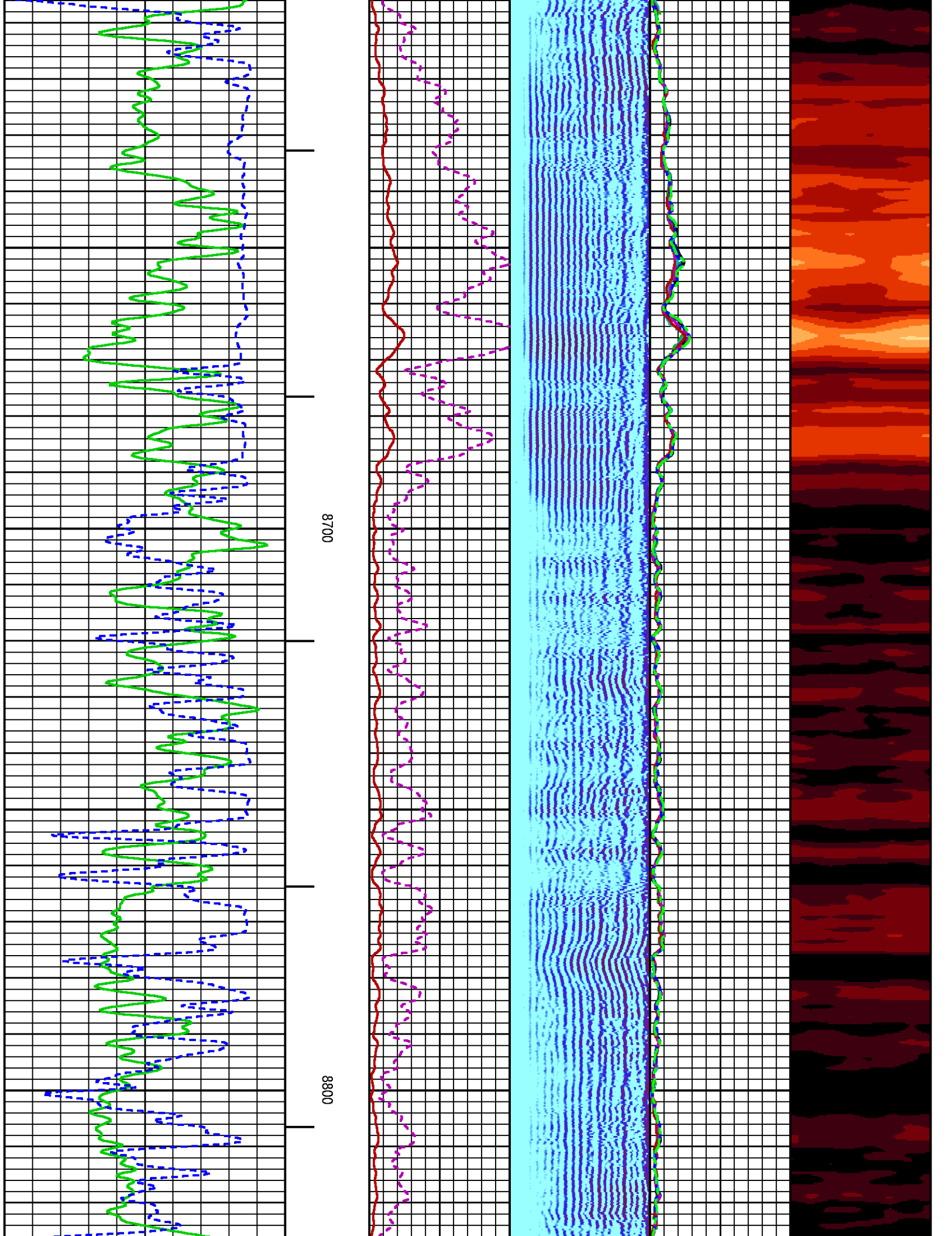


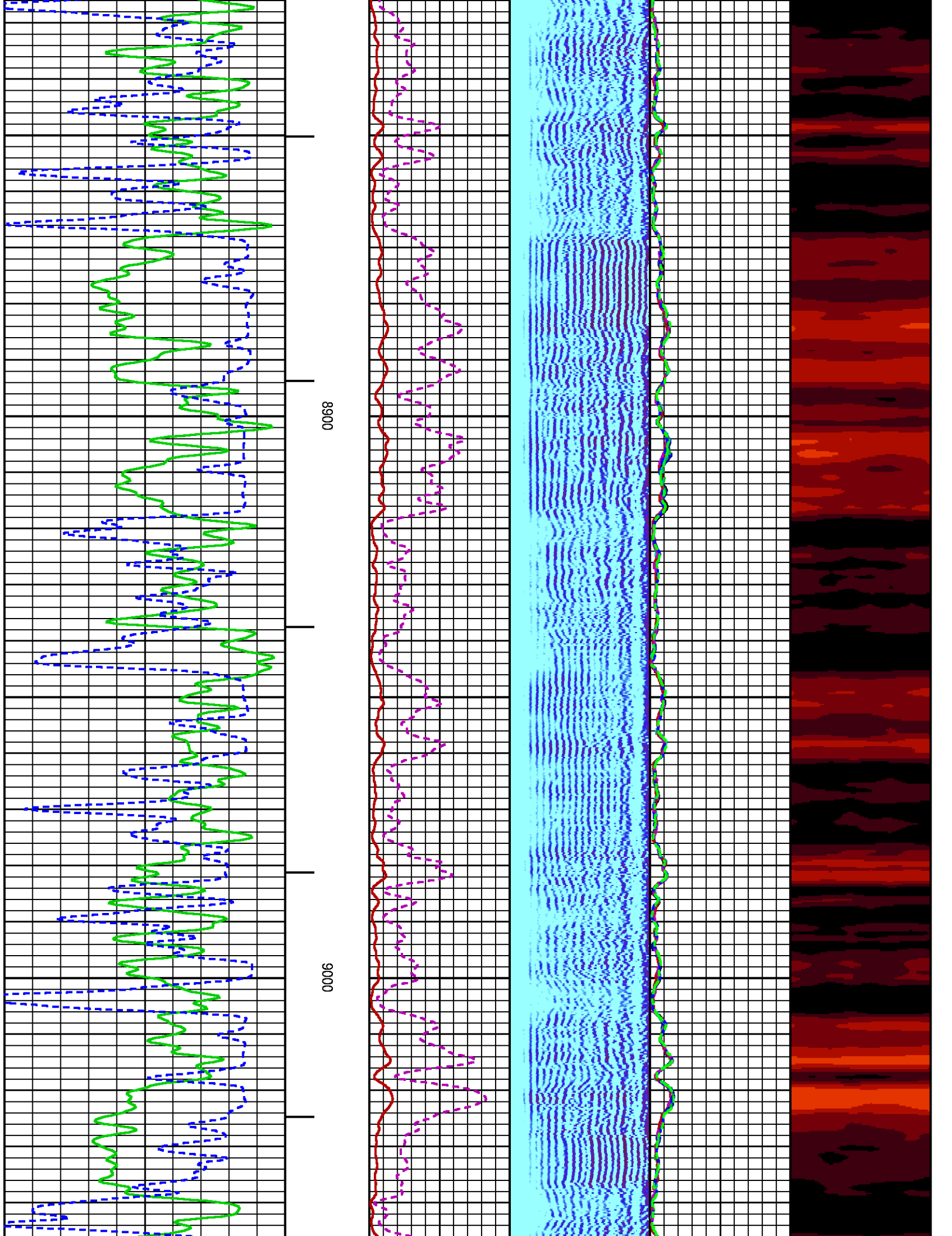


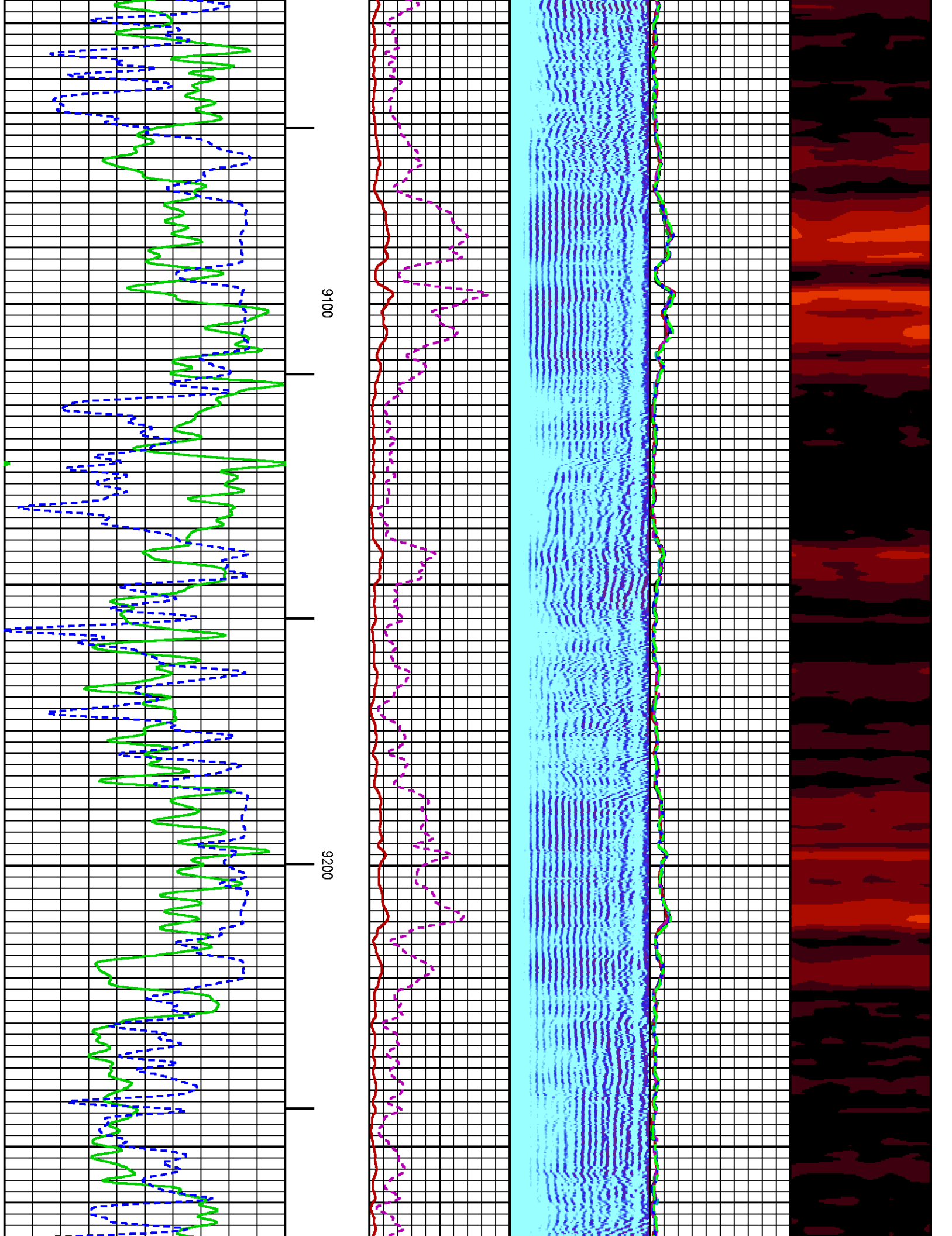


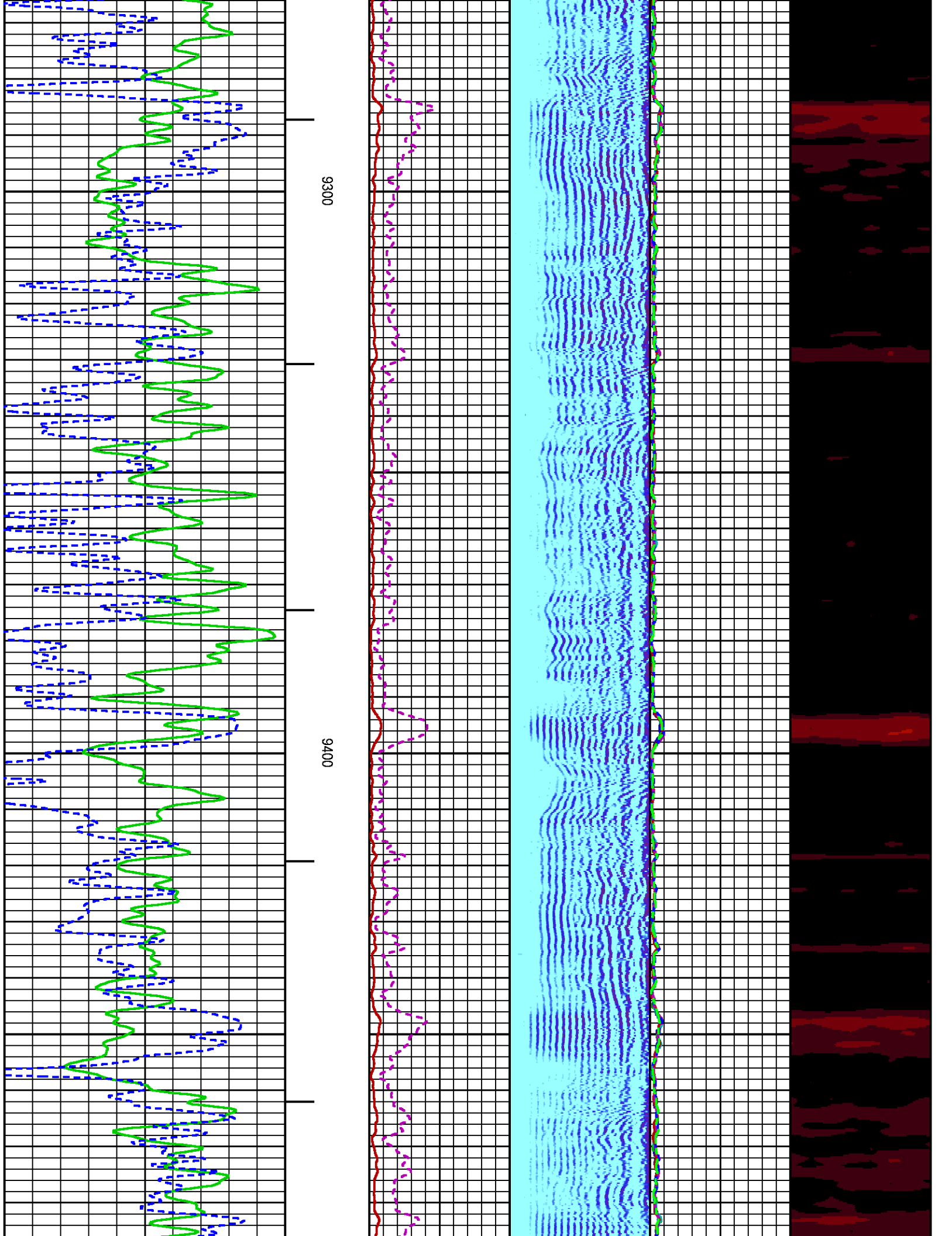


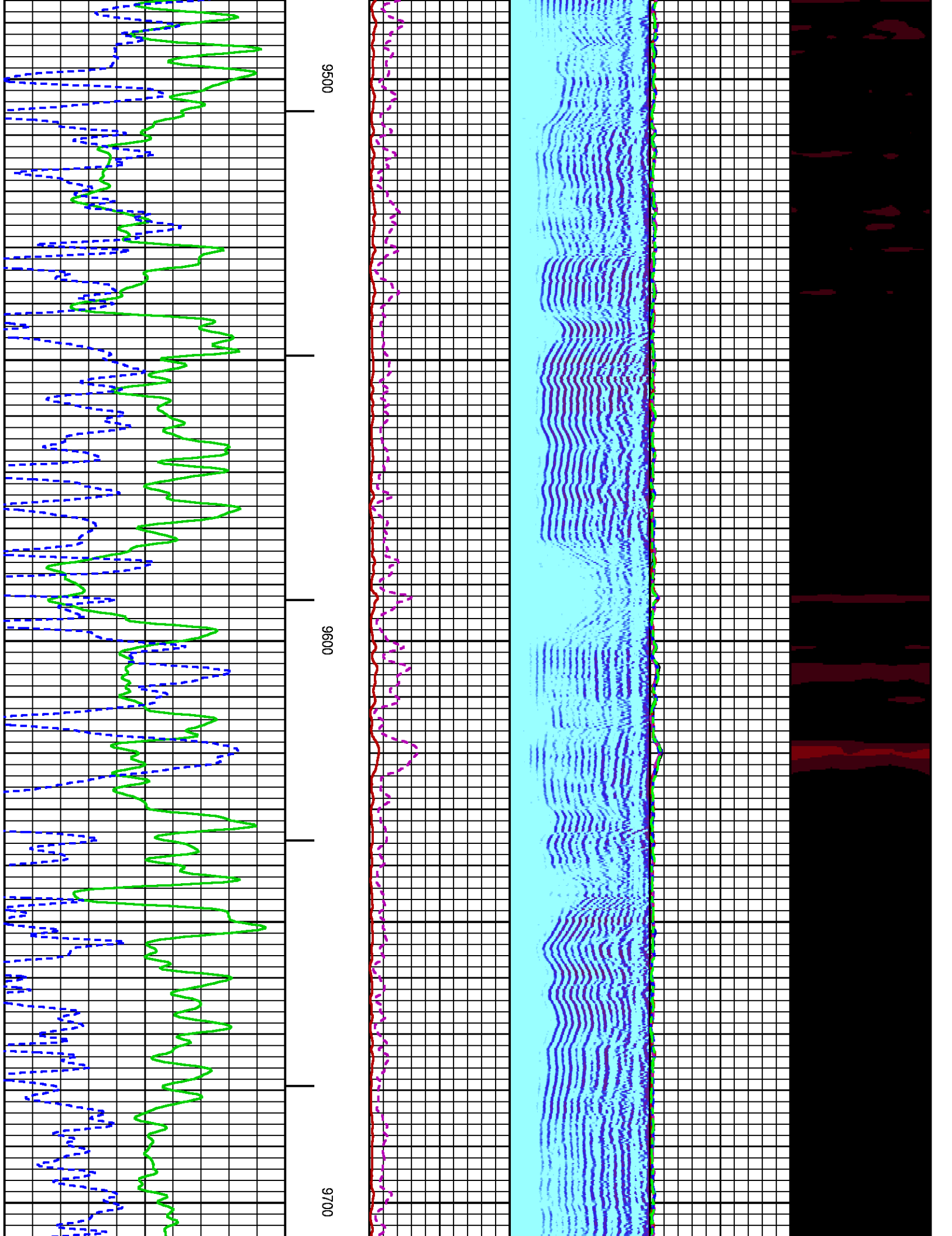


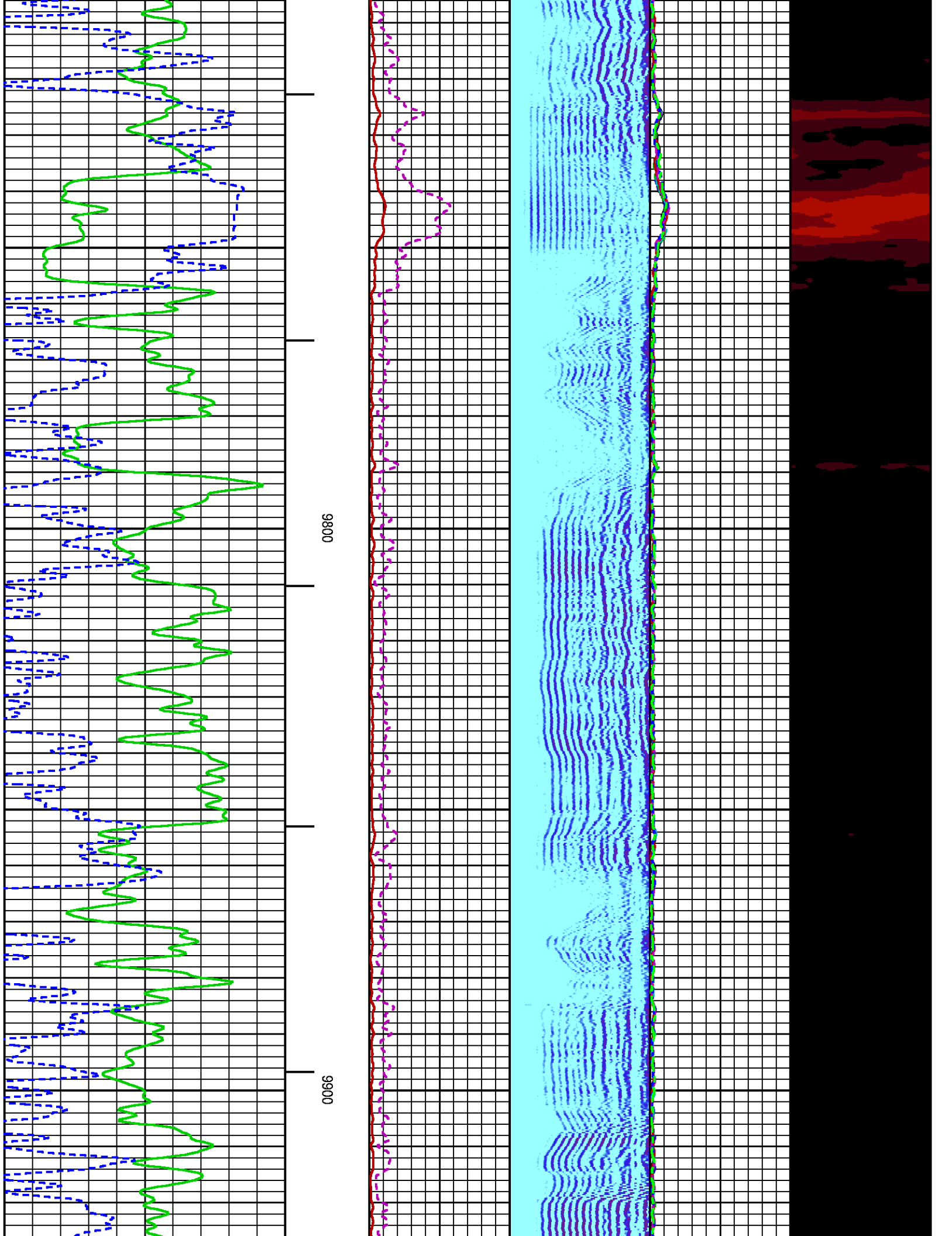


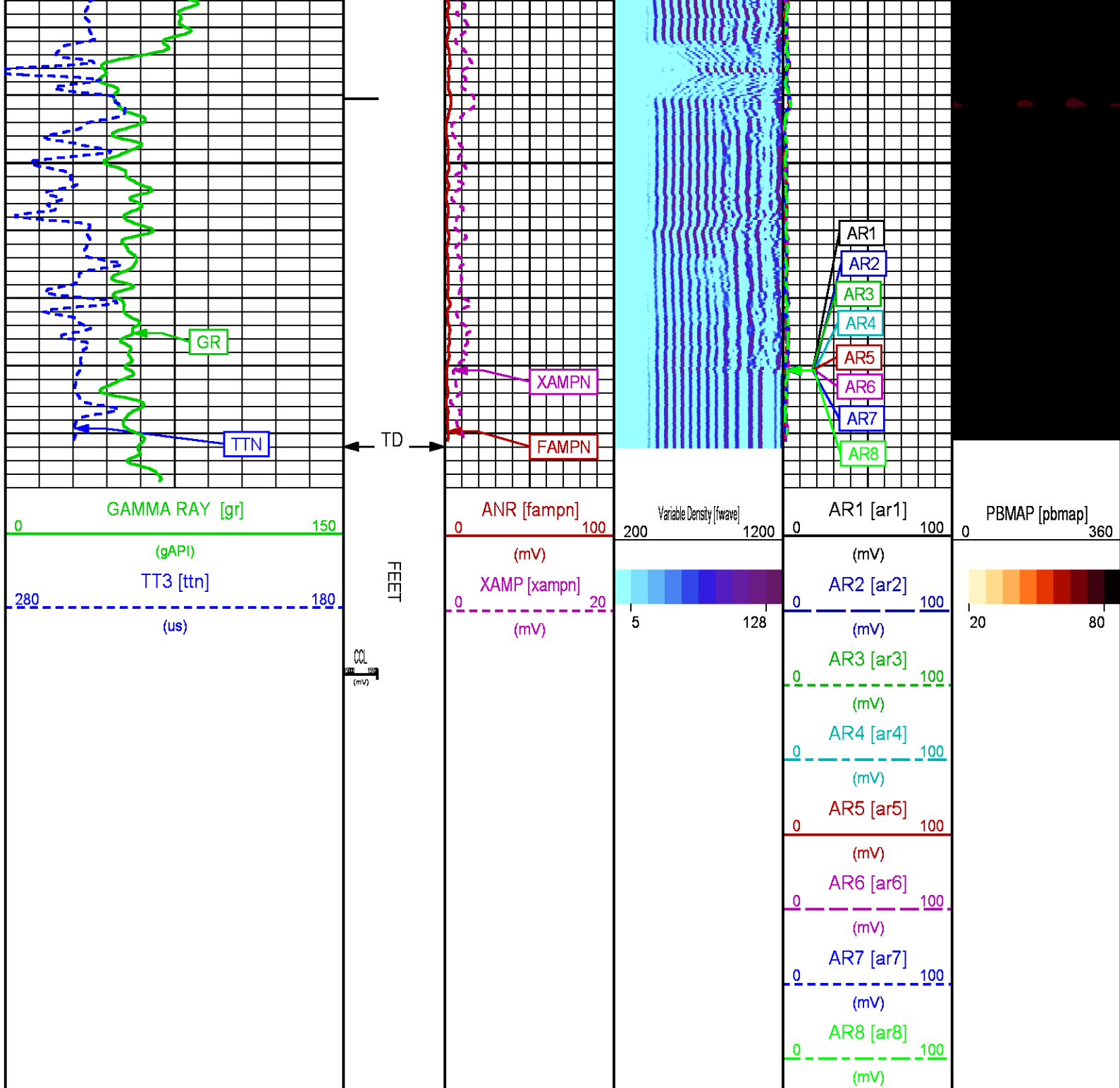












REPEAT LOG 0 PSI

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

Updates: 1 Patches: 6

Plotted: Mon Apr 20 13:58:19 2015

PARAMETER AND FILTER SUMMARY REPORT

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*)	186	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*)	-71	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	Apr 20 08:56:03 2015	CASING COLLAR LOCATOR
F1:FAMPN	Apr 20 08:56:03 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Apr 20 08:56:03 2015	FAR WAVE FORM
F1:GR	Apr 20 08:56:03 2015	GAMMA RAY
F1:TTN	Apr 20 08:56:03 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Apr 20 08:56:03 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

CURVE MEASURE POINT OFFSET					
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	5.75	GR	1.75	XAMPN	11.25
FAMPN	11.25	TTN	11.25		

Presentation : HL6670:/dat1a/CH096029/433CBL_REPEAT.fvpdf [5"/100' Scale]

Plot Interval : 9680 - 9997 Feet

Data File 1 : F1 : HL6670:/dat1a/CH096029/433CBL_REPEAT.xtf

Created On : Apr 20 08:56:03 2015

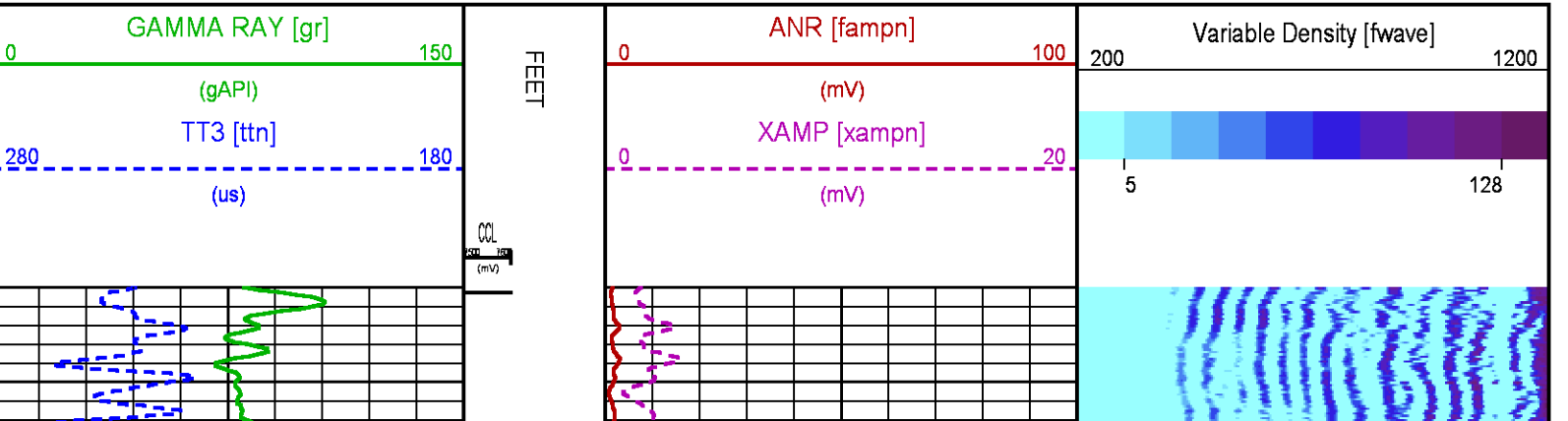
Company : WPX ENERGY

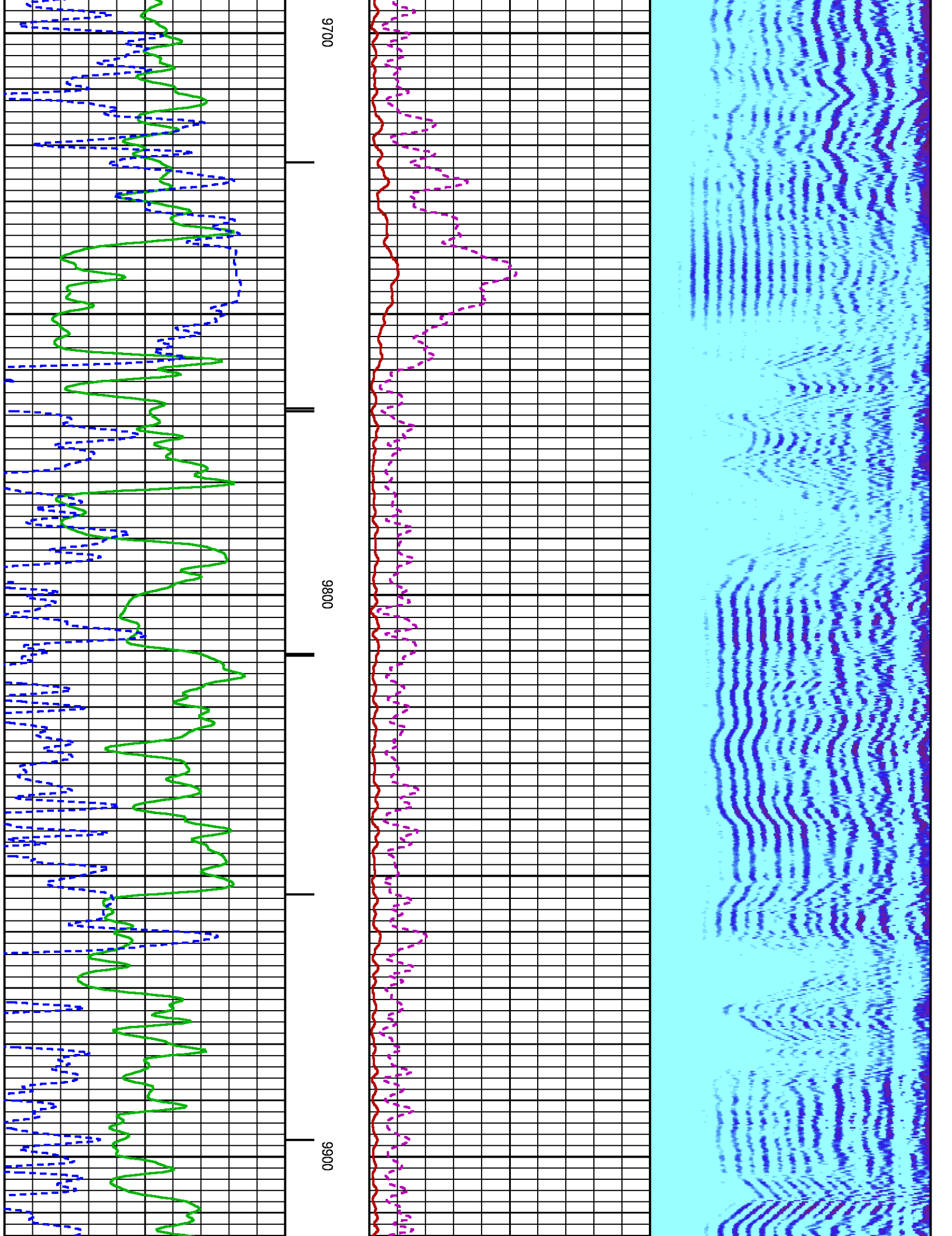
Well : YOUNBERG RU 433-7

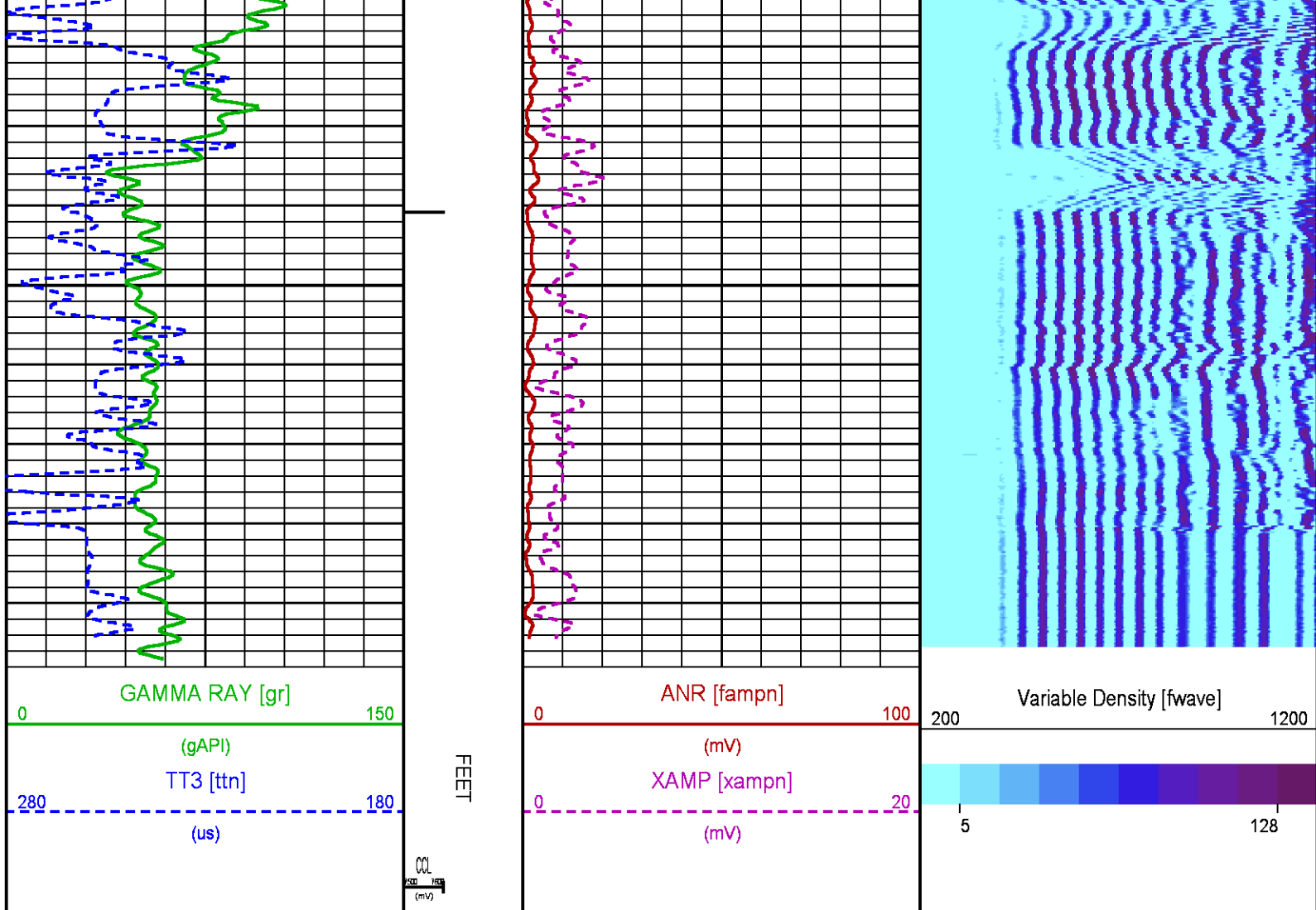
Field : RULISON

File Interval : 9622.75 - 10006.8 Feet

OCT : n012g







CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH096029/n012g.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10154957

DATE/TIME PERFORMED: Sun Apr 19 09:21:01 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)	-0.11	-0.32	-0.36	-0.50	-0.10	-0.45	-0.45	-0.50	-0.09	1.66	-0.21
AMP FLUID (mV)	79	78	78	78	77	79	79	79	78	105	78
TT (us)	217	217	217	216	216	216	216	216	219	325	218
M FACTOR	1.27	1.27	1.28	1.28	1.29	1.26	1.26	1.25	1.28	1.45	1.29

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10154957 DATE/TIME PERFORMED: Mon Apr 20 10:59:00 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	0.31	0.01	0.04	0.21	0.06	-0.01	-0.20	-0.26	-0.11	0.75	-0.05
AMP AIR	0.35	1.12	0.80	0.59	0.73	0.63	0.97	0.73	0.81	0.72	101.10

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
1.29	0.00	0.99

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1355XA 10580209 DATE/TIME PERFORMED: Sun Apr 19 09:14:38 2015

UNIT #: 3880TA HL6670 CALB JIG #: 4702NK WA-612

	BACKGROUND (cts)	CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	93.60	655.51	561.9	0.329	30.82	215.82	185

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1355XA 10580209 DATE/TIME PERFORMED: Sun Apr 19 09:15:58 2015

UNIT #: 3880TA HL6670 VERI JIG #: 4702NK WA-612

	BACKGROUND (cts)	CALBRTR ON (cts)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	98.36	673.51	0.329	32.38	221.74	189.36
						175.00 195.00

INSTRUMENT CONFIGURATION

Source File: /dat1a/CH096029/CBL-tdg

A3 CABLEHEAD
Diameter : 1.37"

18.85'



RADIAL BOND TOOL
Diameter : 2.75"
Length : 11.17'
Weight : 126 lbs
Series : 1426XA

Series : 1355XA
 Mnemonic : RAL
 Measure Point: 4.21': NEAR RCVR
 Measure Point: 3.25': FAR RCVR

NEAR RCVR 11.17'

FAR RCVR 10.21'

CCL 5.79'


GR 1.67'

TEMP 0.17'

RAL GR/TEMP/CCL/CHV DETECTOR

Diameter : 2.75"
 Length : 6.96'
 Weight : 85 lbs
 Series : 1355XA
 Mnemonic : RAL
 Measure Point: 5.79': CCL
 Measure Point: 1.67': GR
 Measure Point: 0.17': TEMP

TOTAL LENGTH: 18.85'
 TOTAL WEIGHT: 227 lbs
 MAX DIAMETER: 0'4.00"

	COMPANY <u>WPX ENERGY</u> WELL <u>YOUBERG RU 433-7</u> FIELD <u>RULISON</u> COUNTY <u>GARFIELD</u> STATE <u>CO</u>	FILE NO: <u>CH096029</u> API NO: <u>05045225130000</u>	
	LOCATION: SHL: 1146' FSL & 1193' FEL BHL: 1853' FSL & 2167' FEL SEC <u>7</u> TWP <u>7S</u> RGE <u>93W</u>	ELEVATIONS: KB 7943 FT DF GL 7917 FT	7 7S 93W RU 44-7 PAD NABORS 576
	DATE <u>20-Apr-2015</u>		

