



FILE NO: CH094748	COMPANY WELL FIELD COUNTY	WPX ENERGY YOUBERG RU 41-7 RULISON GARFIELD	STATE CO
API NO: 05045223500000			

Ver. 3.87 7 7S 93W RU 42-7 PAD NABORS 574	LOCATION: SHL: 2441' FNL & 389' FEL BHL: 285' FNL & 464' 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 7737 FT ABOVE P.D.	ELEVATIONS: KB 7763 FT DF GL 7737 FT
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DATE	11-Feb-2015
RUN	1
TRIP	1
SERVICE ORDER	US094748
DEPTH DRILLER	10320 FT
DEPTH LOGGER	10306 FT
BOTTOM LOGGED INTERVAL	10296 FT
TOP LOGGED INTERVAL	26 FT
TIME STARTED	8:00
TIME FINISHED	12:00
OPERATOR RIG TIME	4 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	89 FT
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	65 FMIN
MAX. RECORDED TEMP.	248 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	HL-6670
LOCATION	GRAND JCT.
RECORDED BY	NEWELL
WITNESSED BY	TED VONFELDT

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE THE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

BOREHOLE RECORD		
BIT SIZE	FROM	TO
13.5 IN	0 FT	1141 FT
8.75 IN	1141 FT	10328 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			0 FT	1141 FT
4.5 IN	11.6 LB/F	P-110	0 FT	10328 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 5 feet.	
Logged with zero PSI at wellhead.	
BHT = 248 degF SJ = 6649' - 6671'	

EQUIPMENT DATA				
RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.
1	1	CCL	1102061	101451057
1	1	CD	1102061	101451057

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: Wed Feb 11 13:29:54 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH094748/n012eR02.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 24.500 ft BOTTOM DEPTH: 10305.000 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*)	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*)	-72	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 11 12:06:41 2015	CASING COLLAR LOCATOR
F1:FAMPN	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Feb 11 12:06:41 2015	FAR WAVE FORM
F1:GR	Feb 11 12:06:41 2015	GAMMA RAY
F1:TTN	Feb 11 12:06:41 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

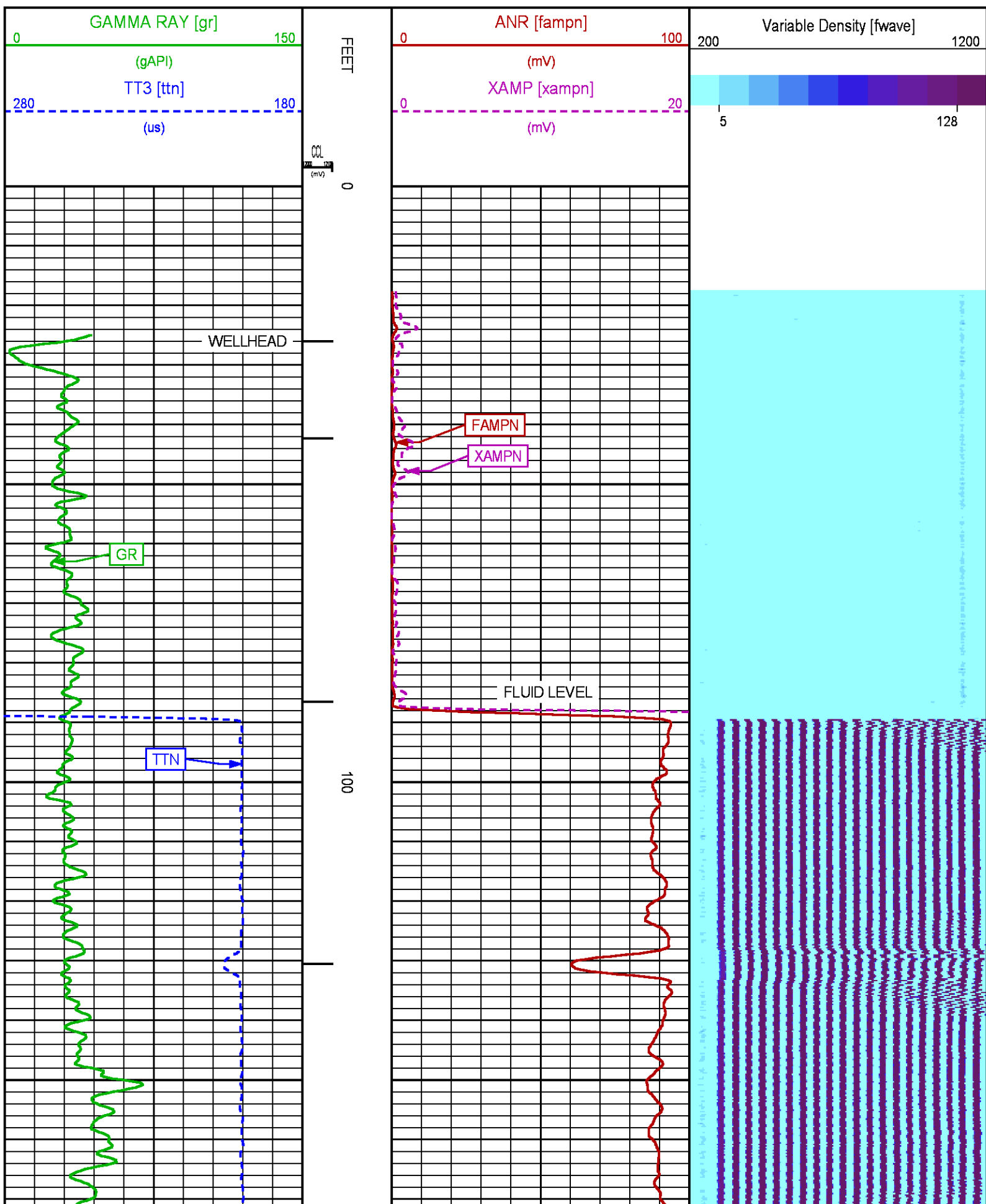
CURVE MEASURE POINT OFFSET

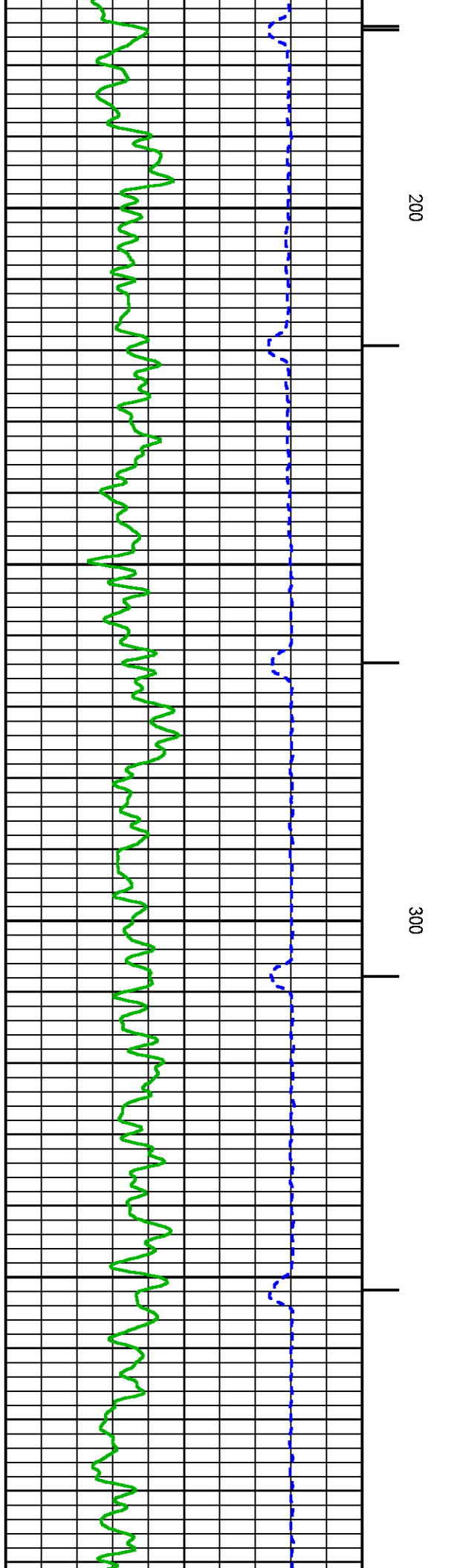
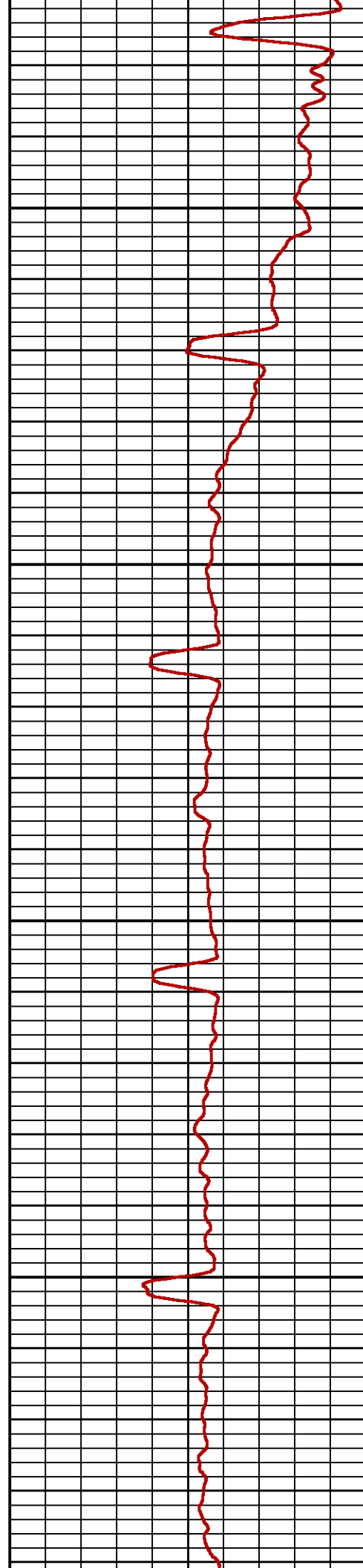
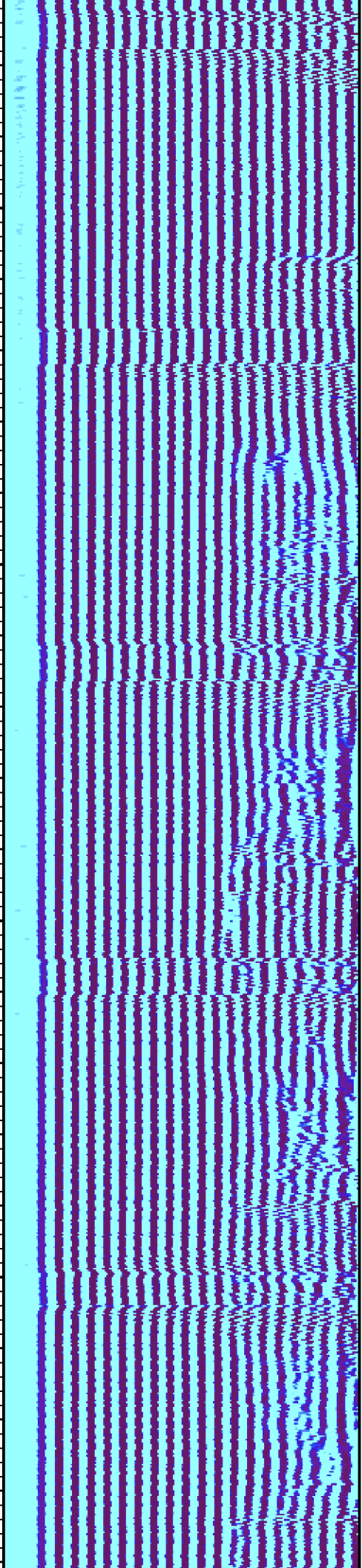
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

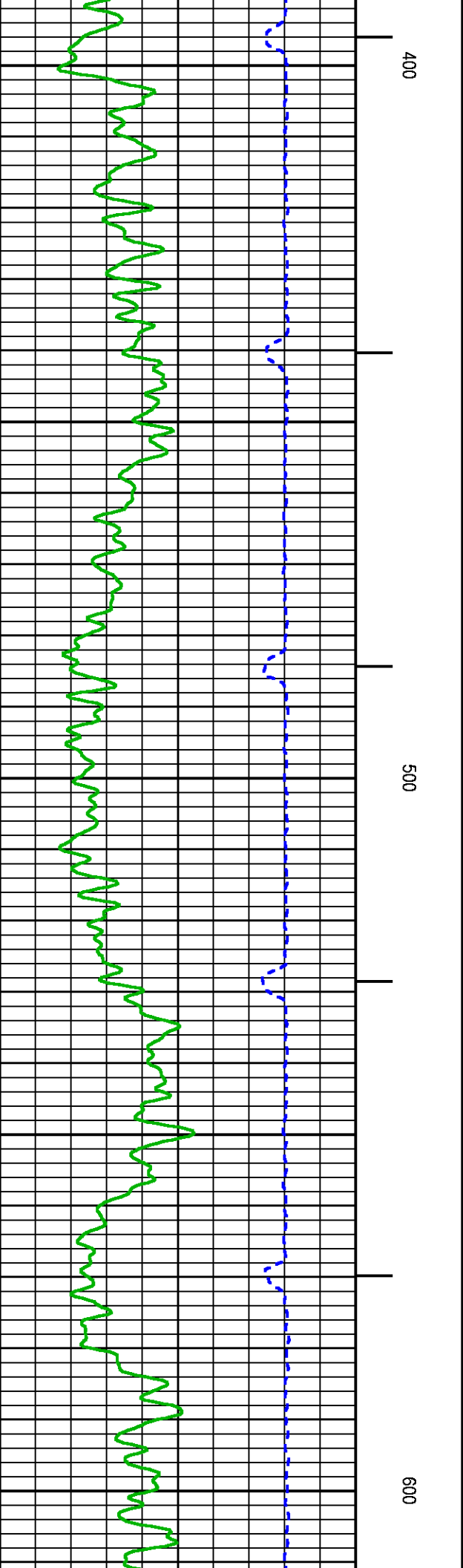
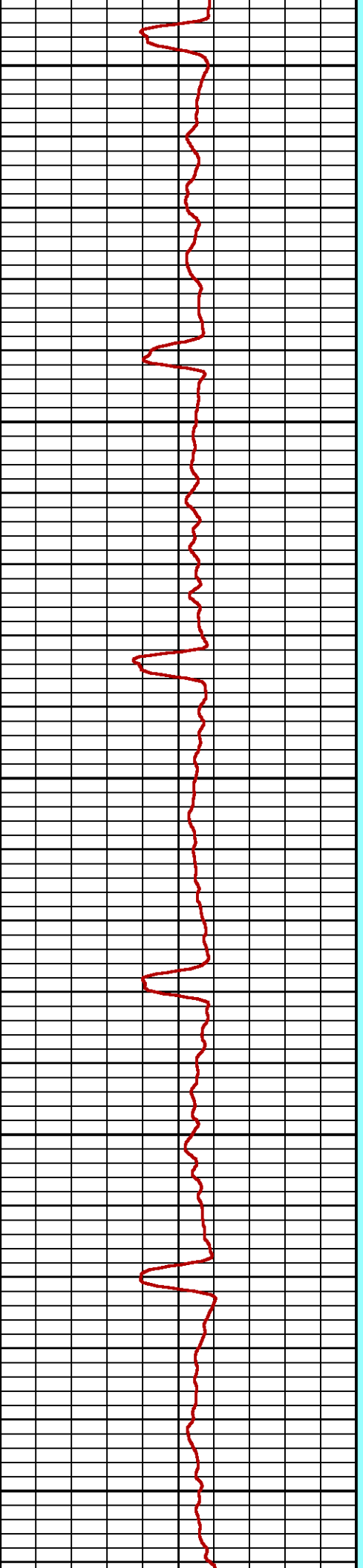
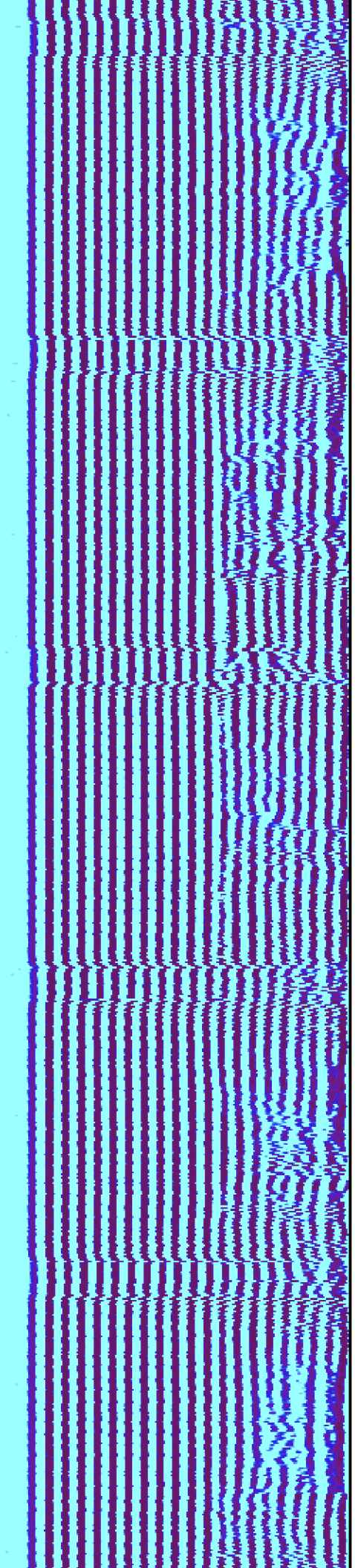
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 Plot Interval : 0 - 10311 Feet

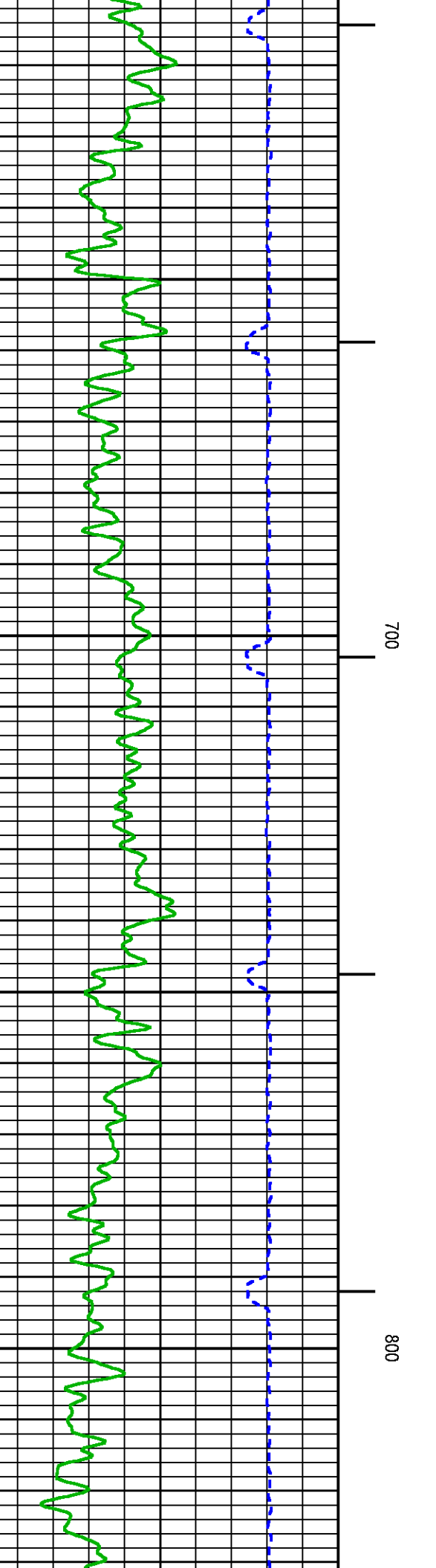
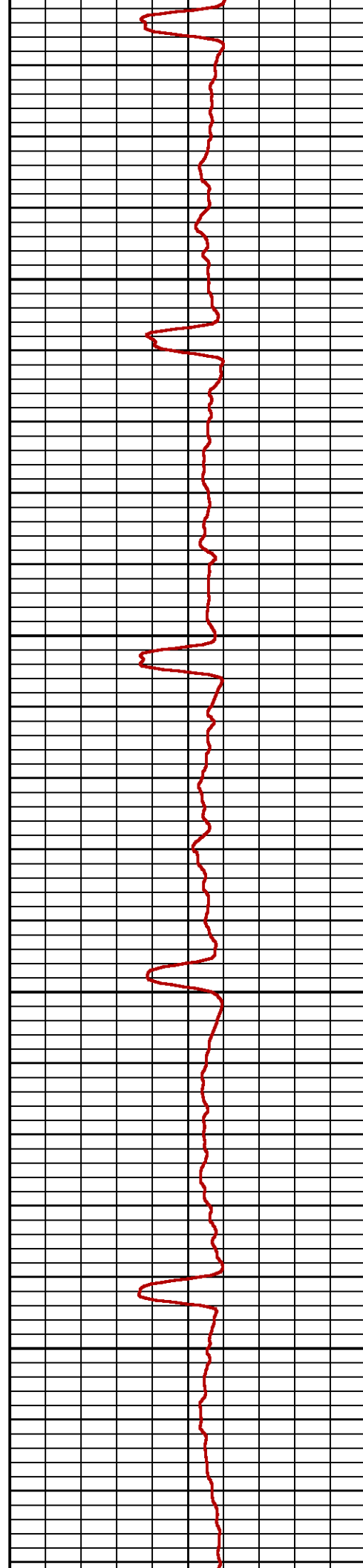
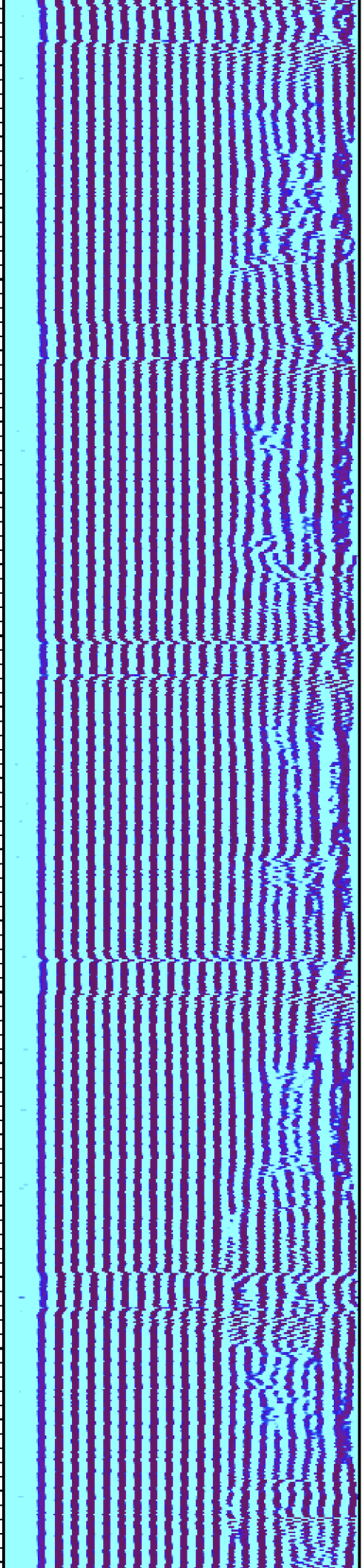
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 Created On : Feb 11 12:06:41 2015

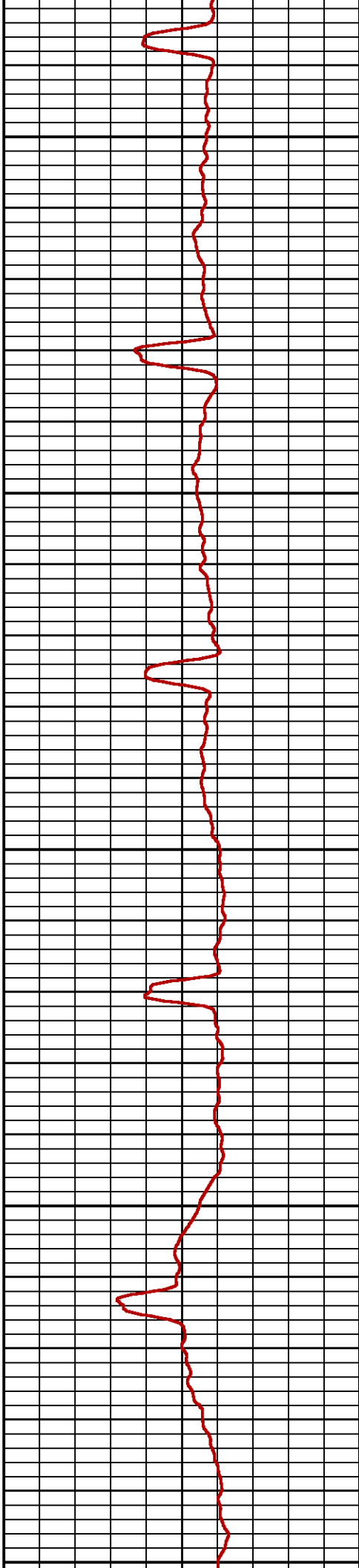
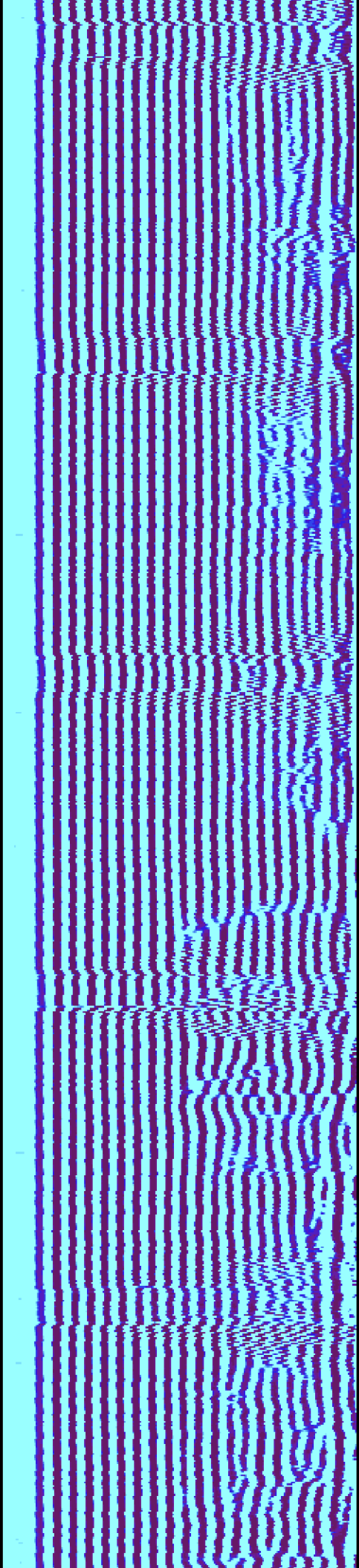
Created On : Feb 11 12:00:41 2013
Company : WPX ENERGY
Well : YOUNBERG RU 41-7
Field : RULISON
File Interval : 16.5 - 10310.8 Feet
OCT : n012e





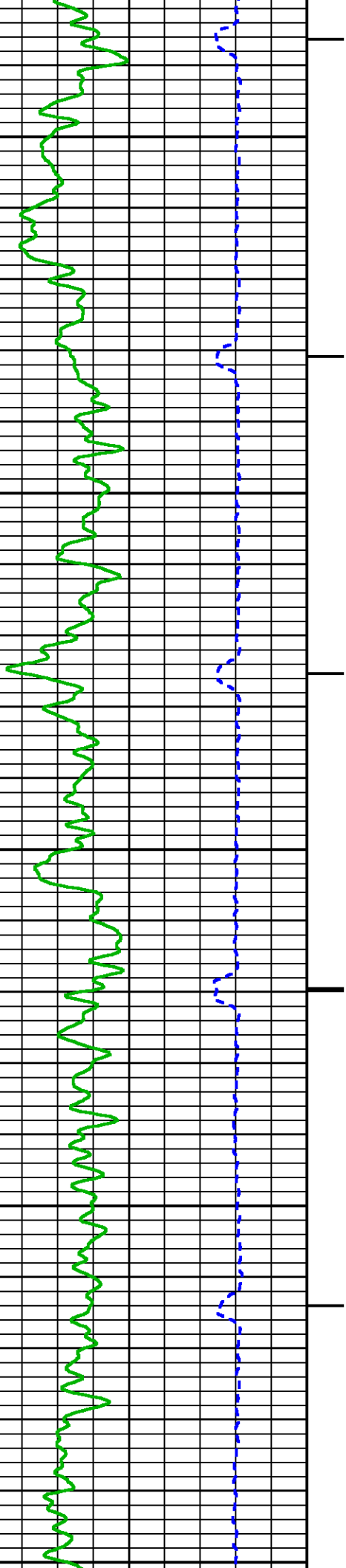


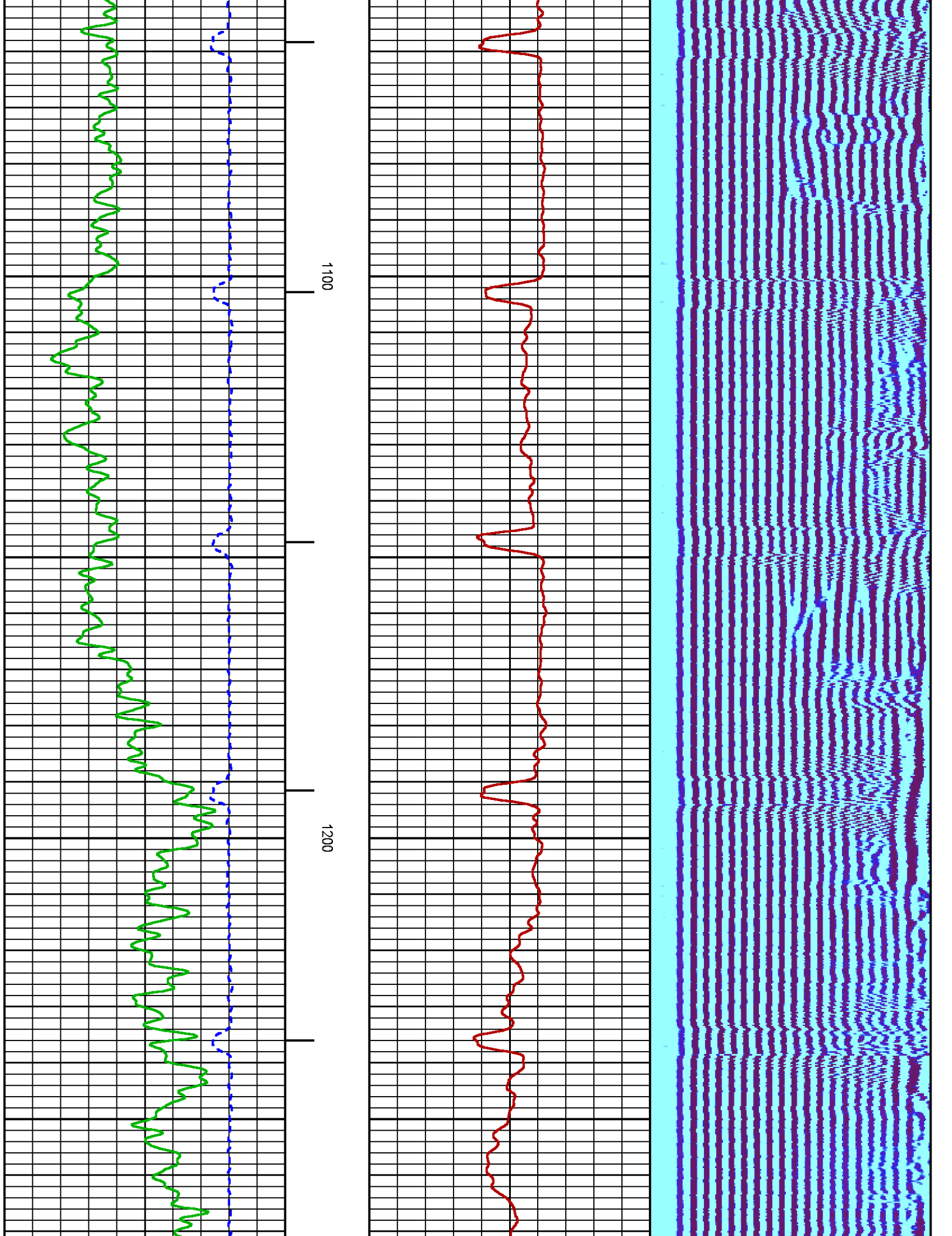


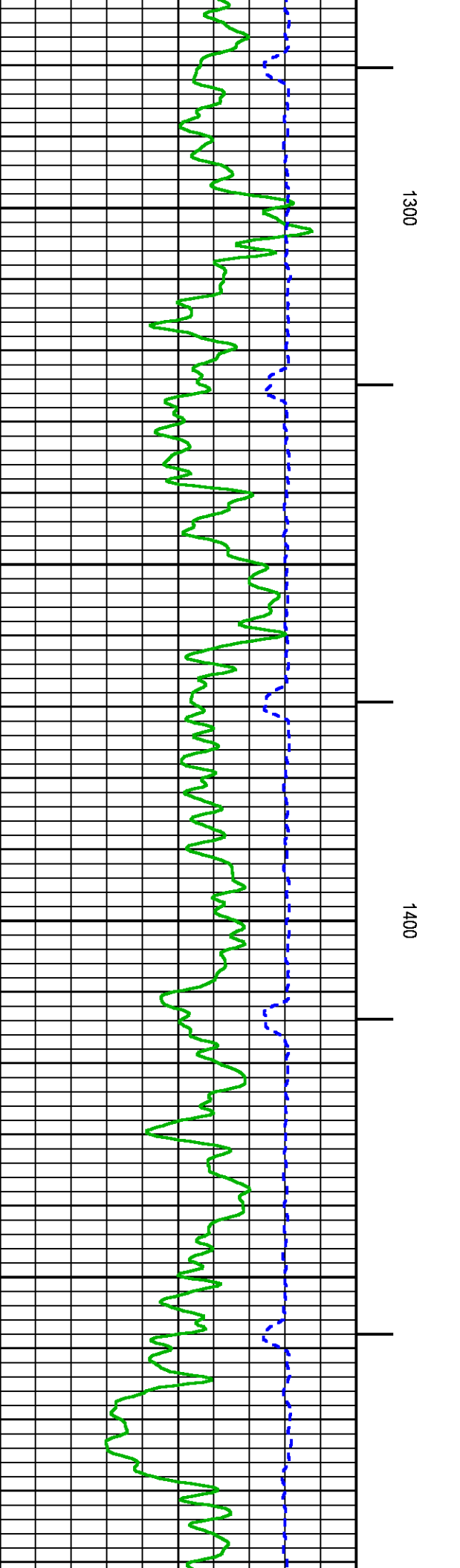
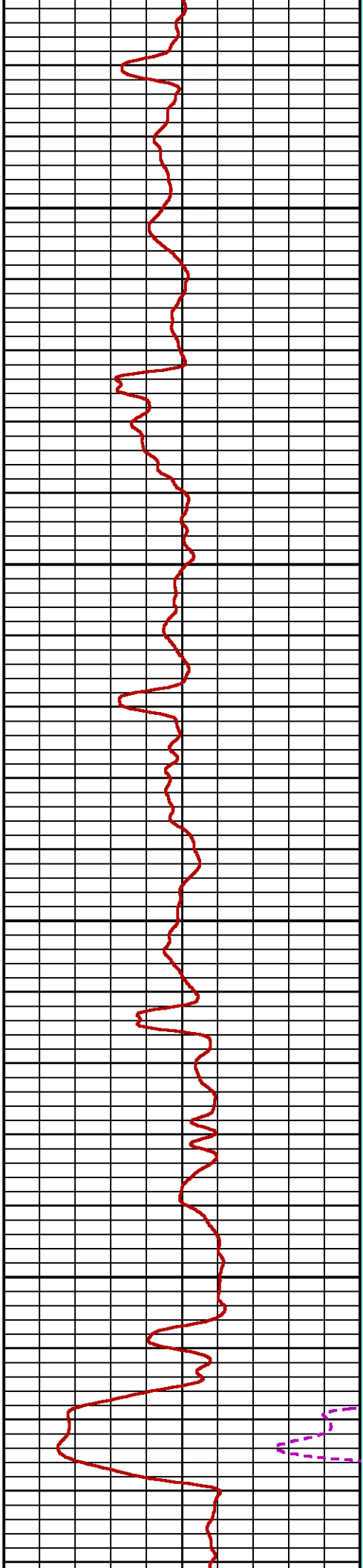
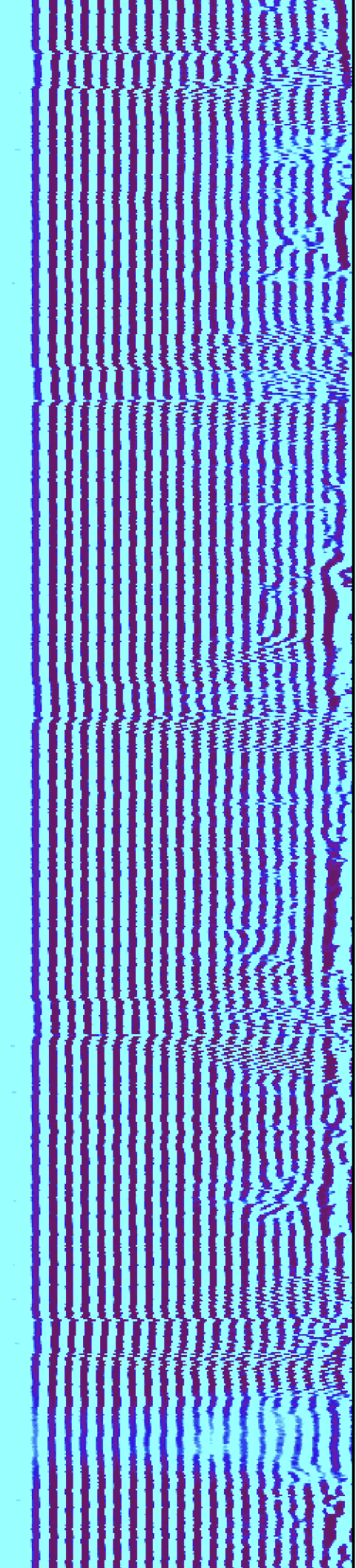


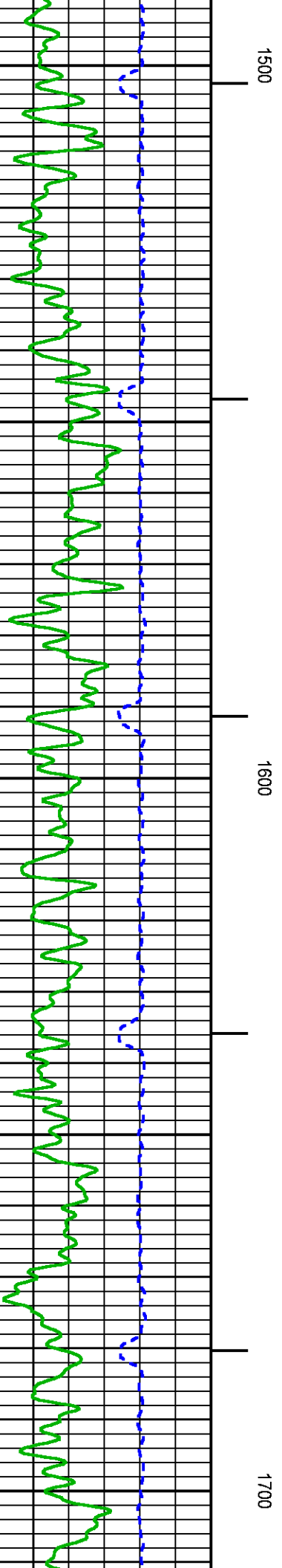
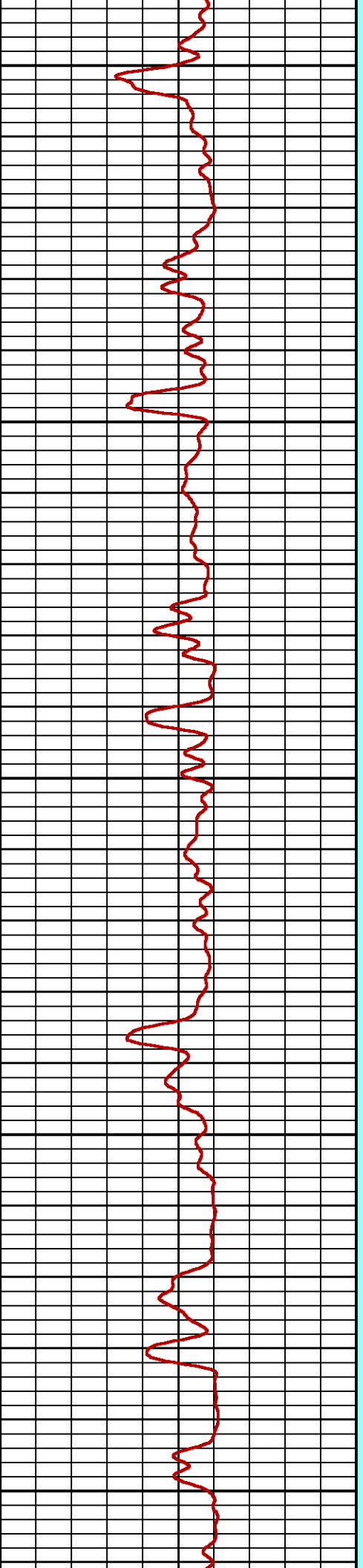
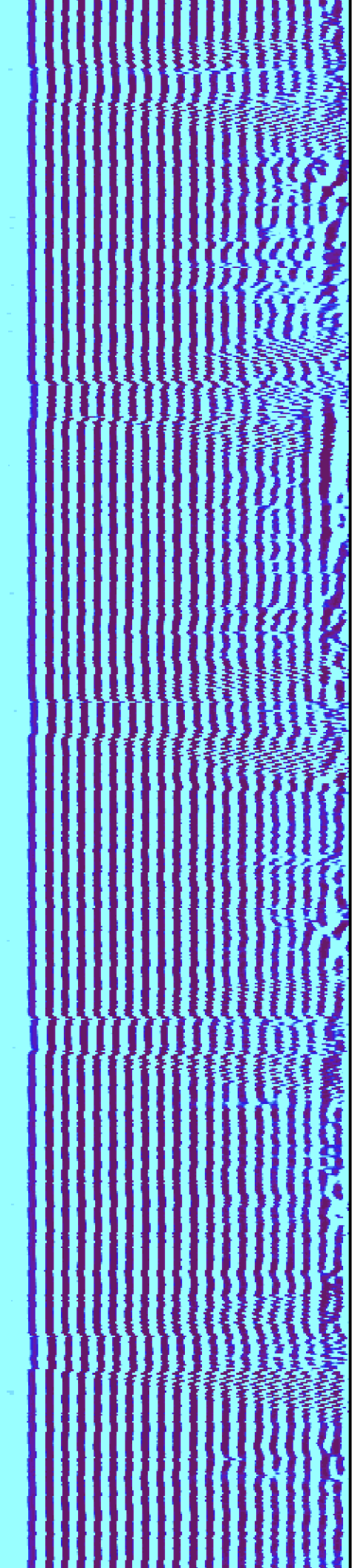
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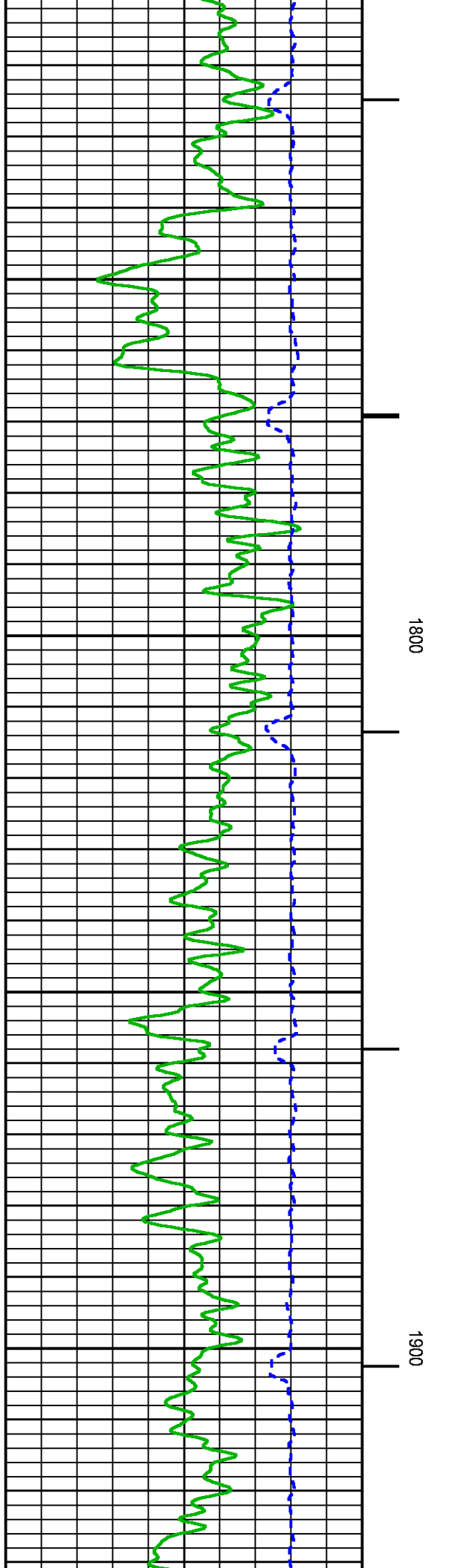
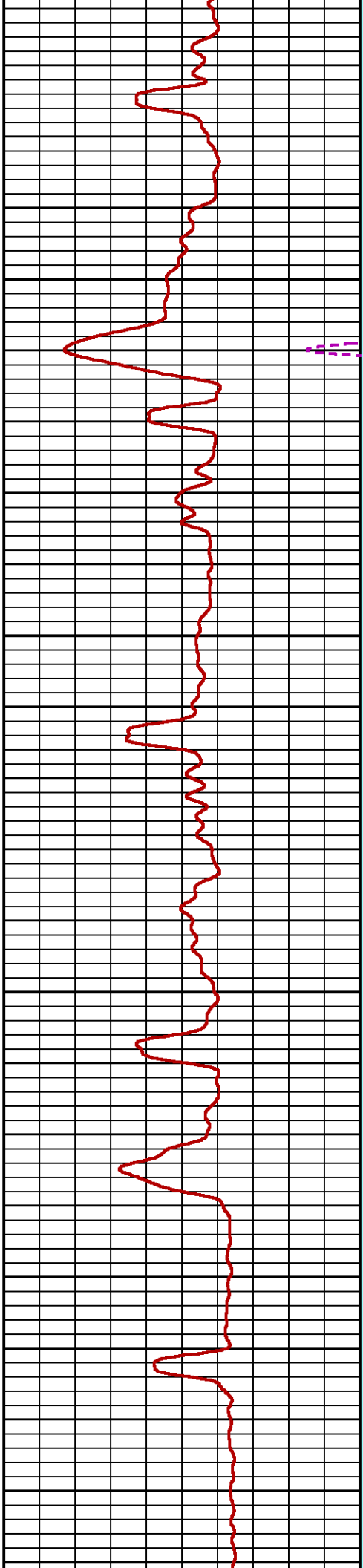
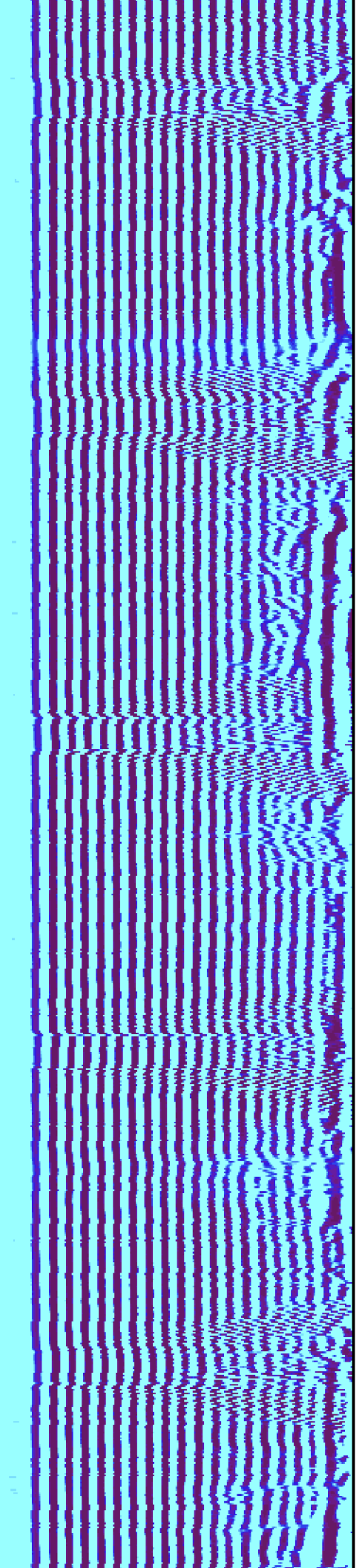
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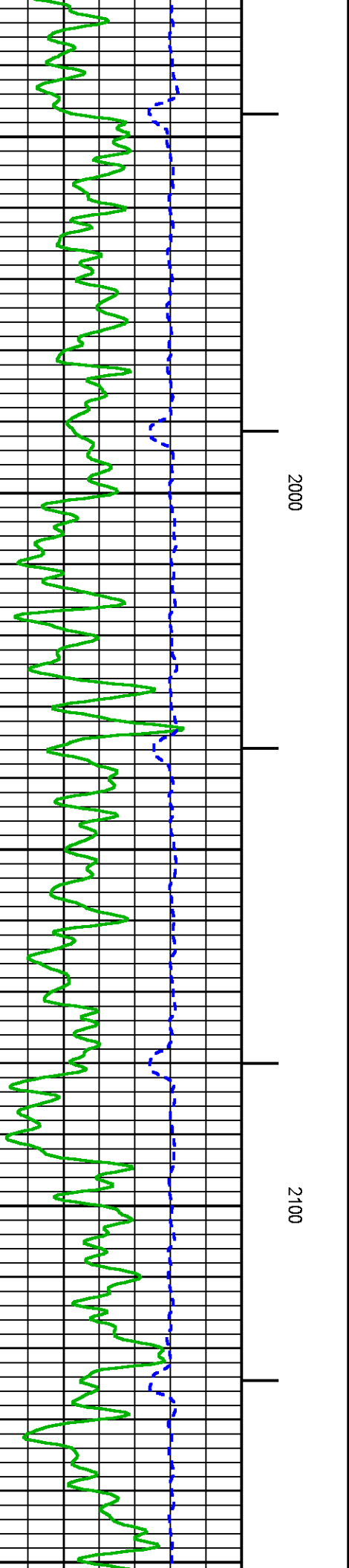
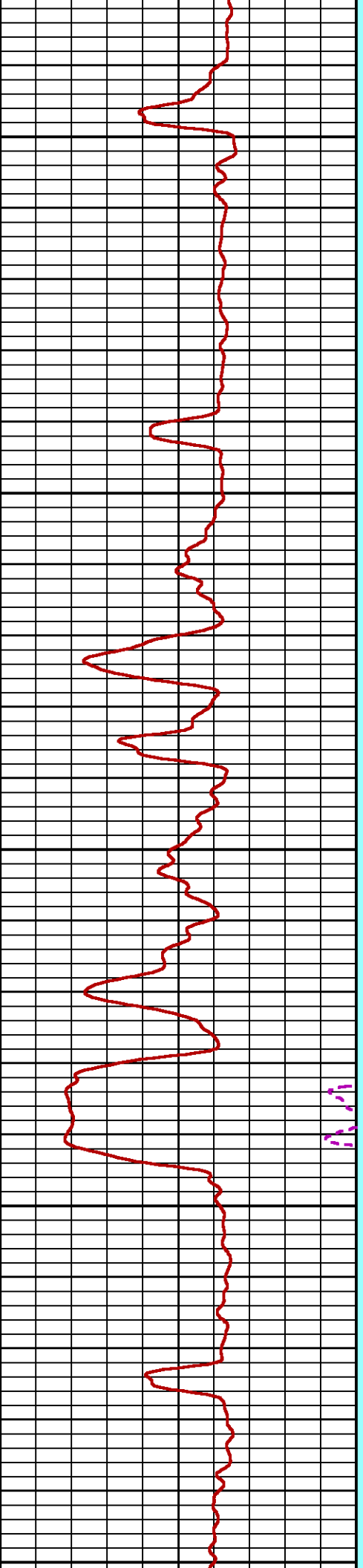
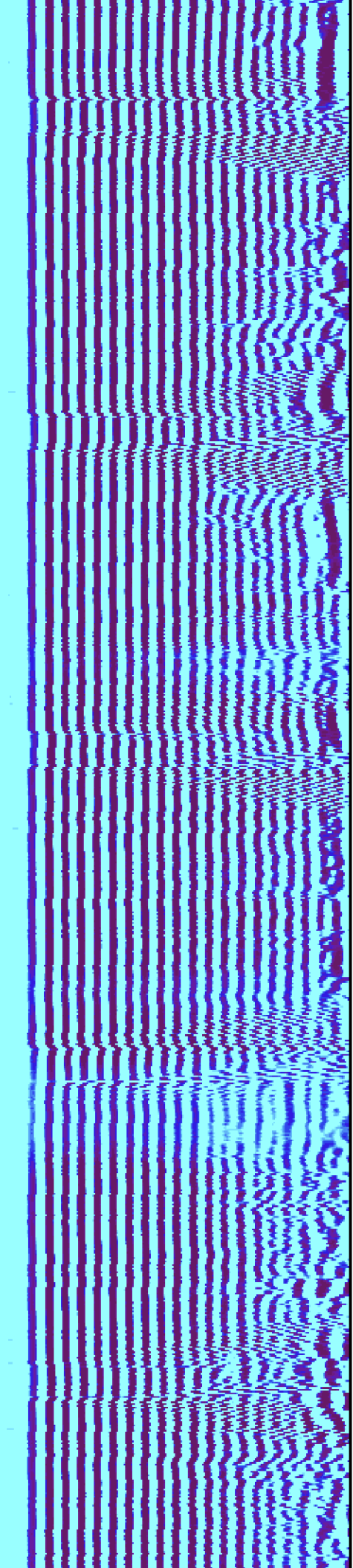


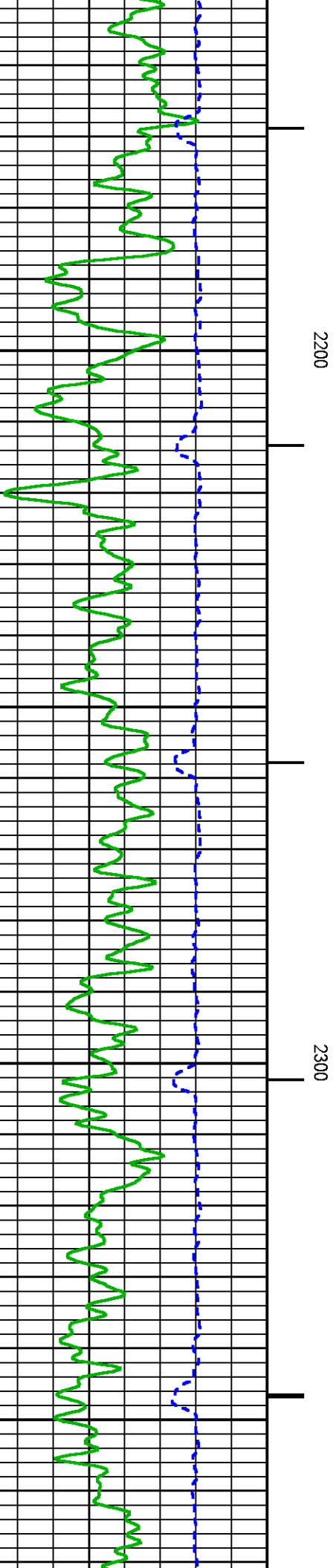
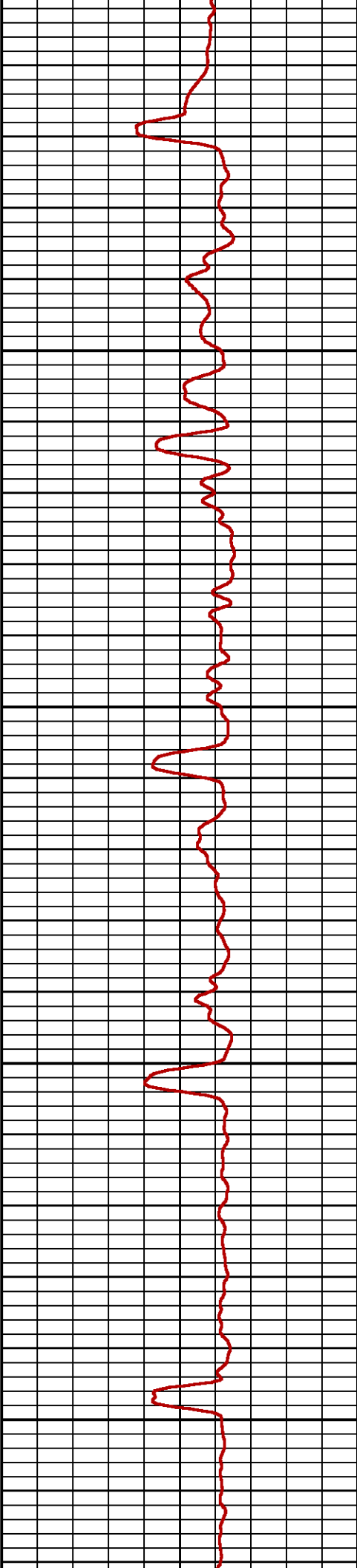
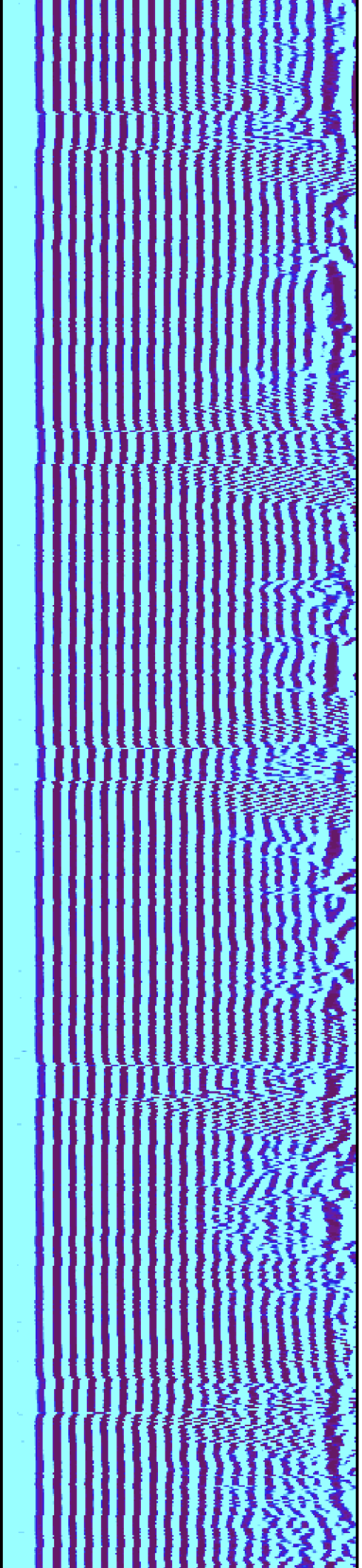


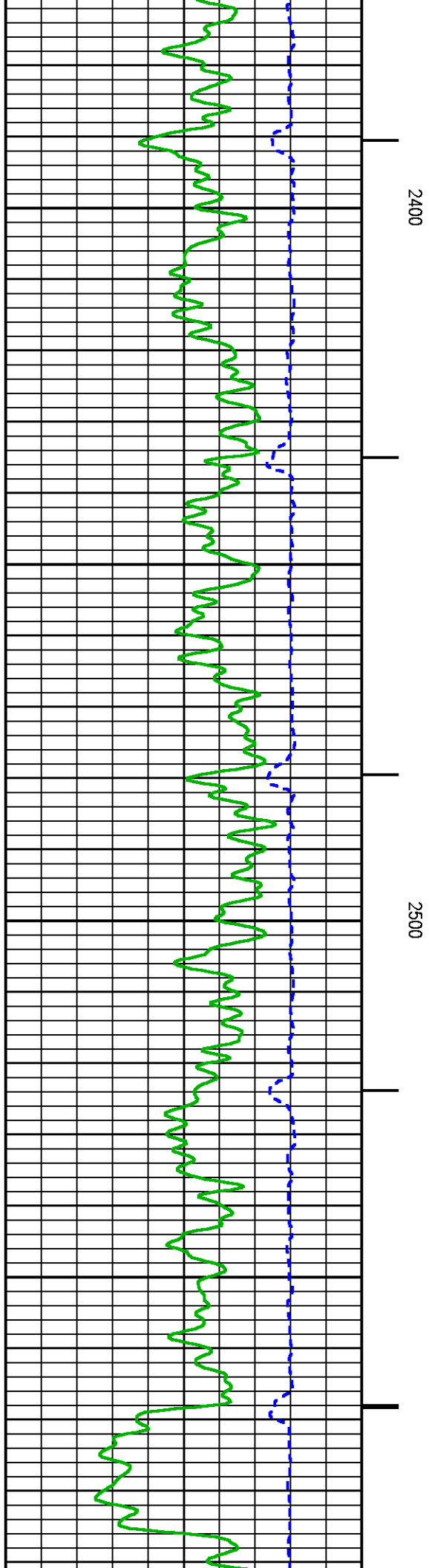
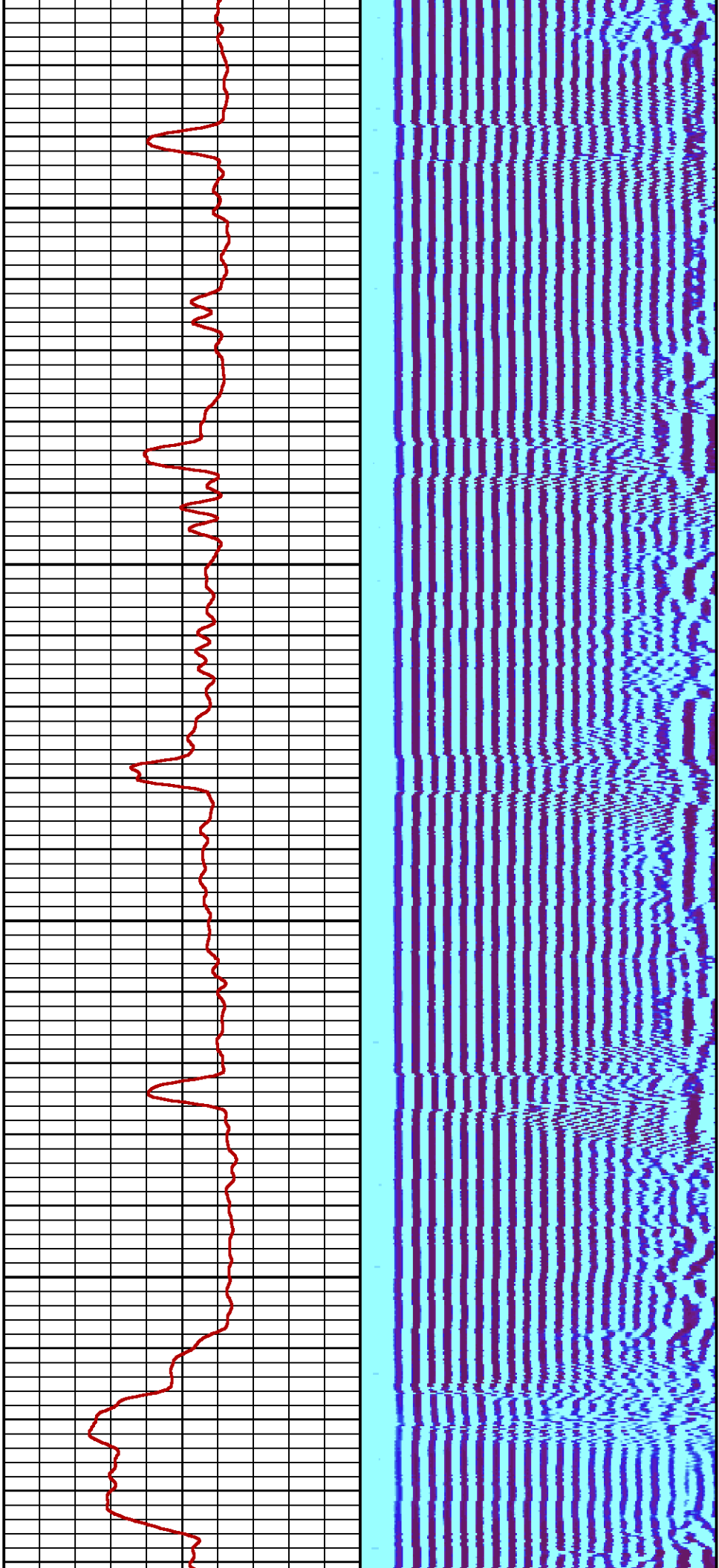


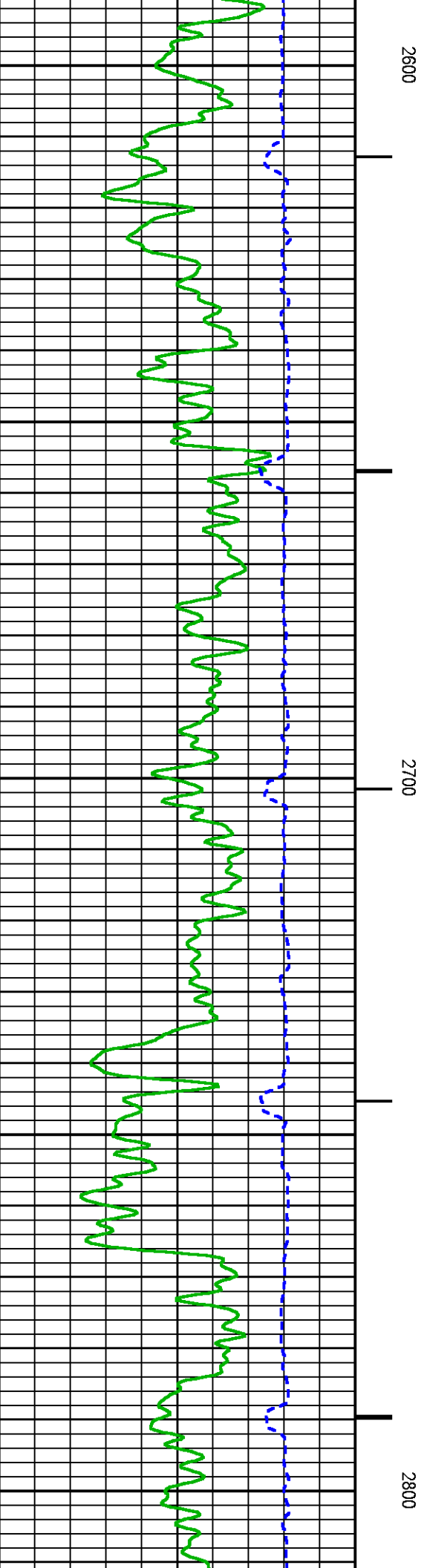
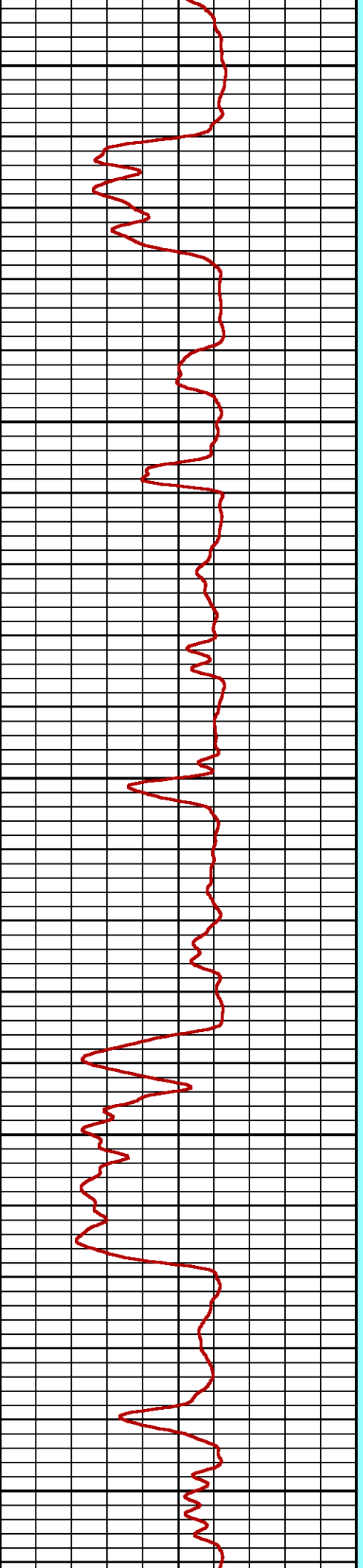
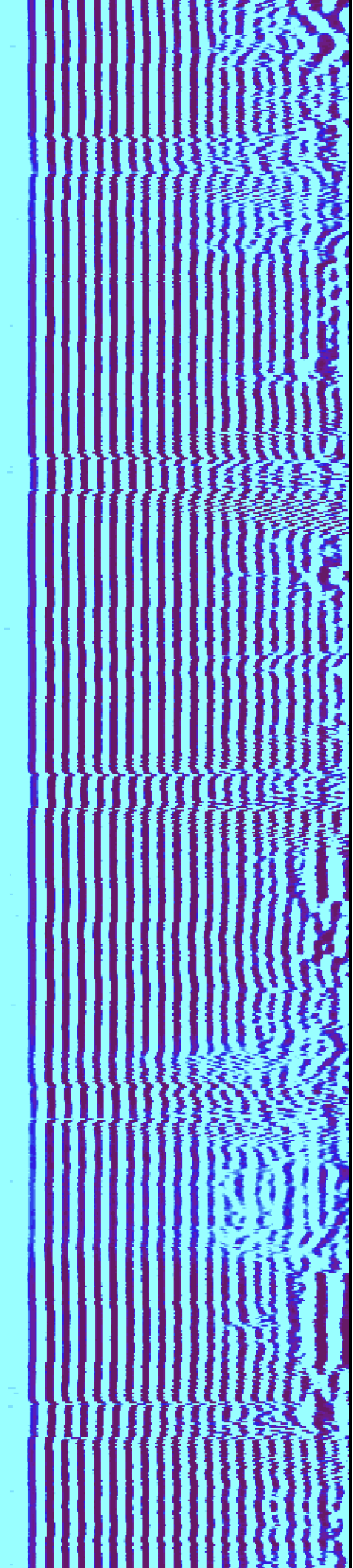


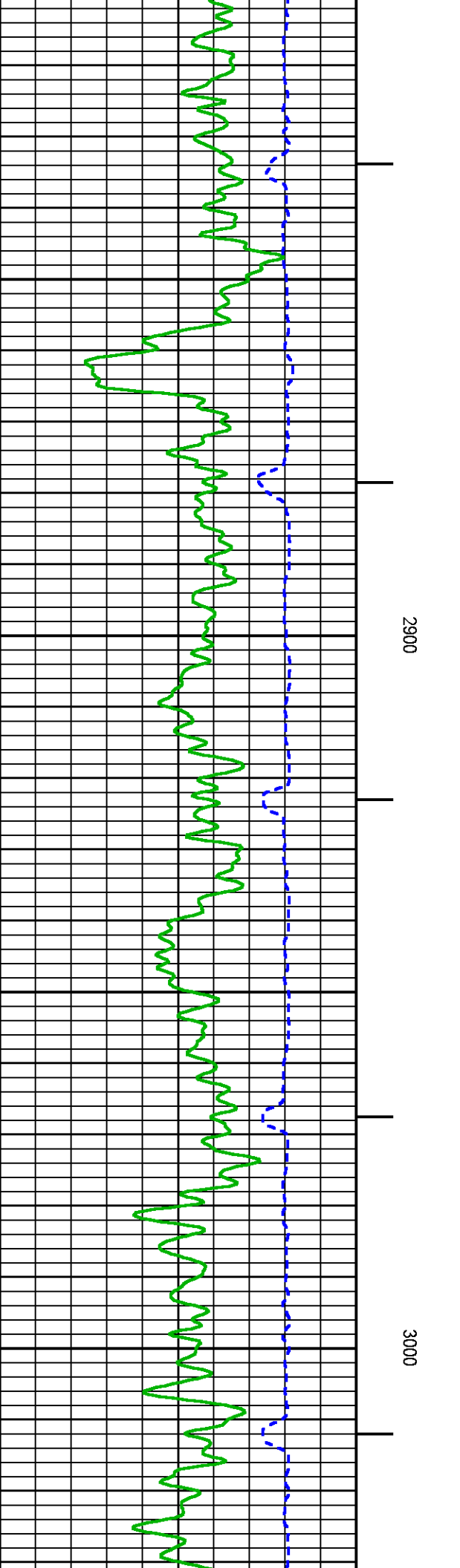
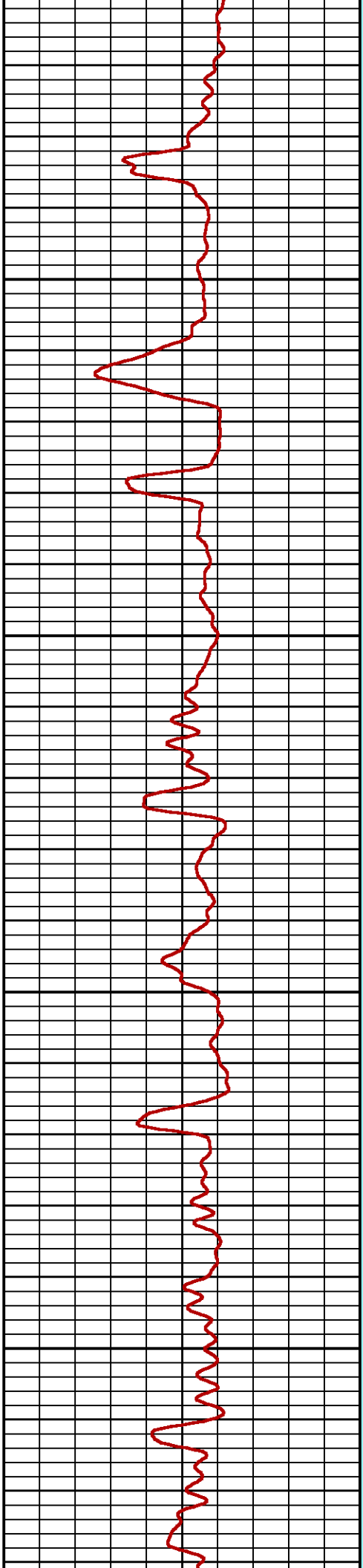
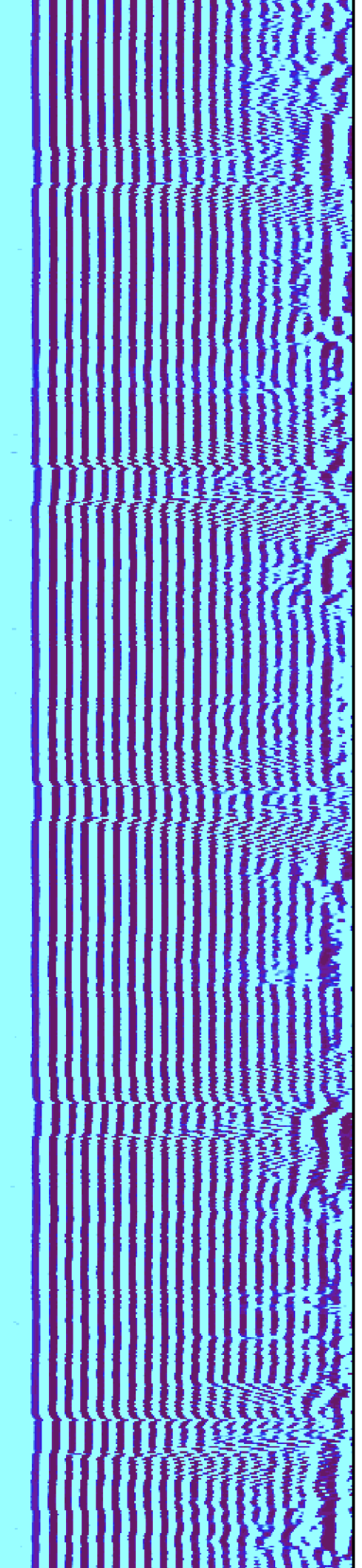


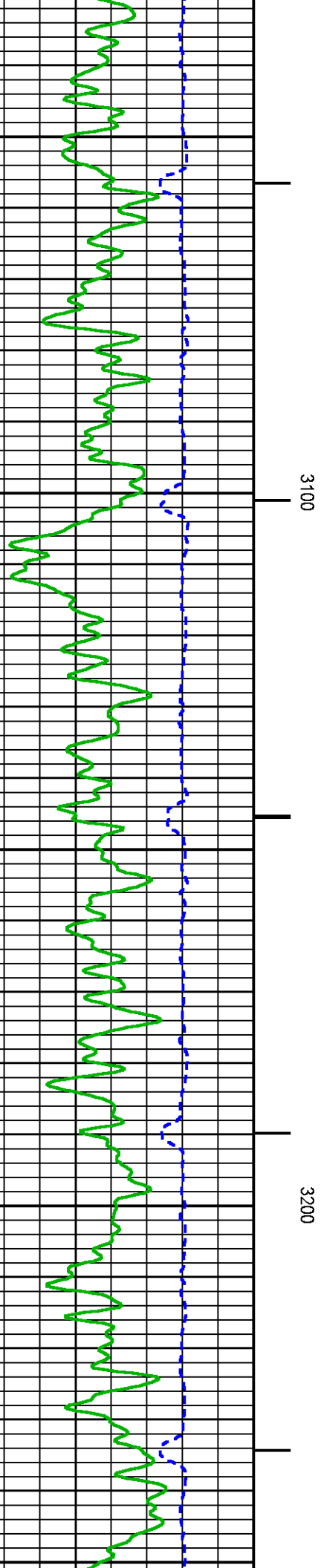
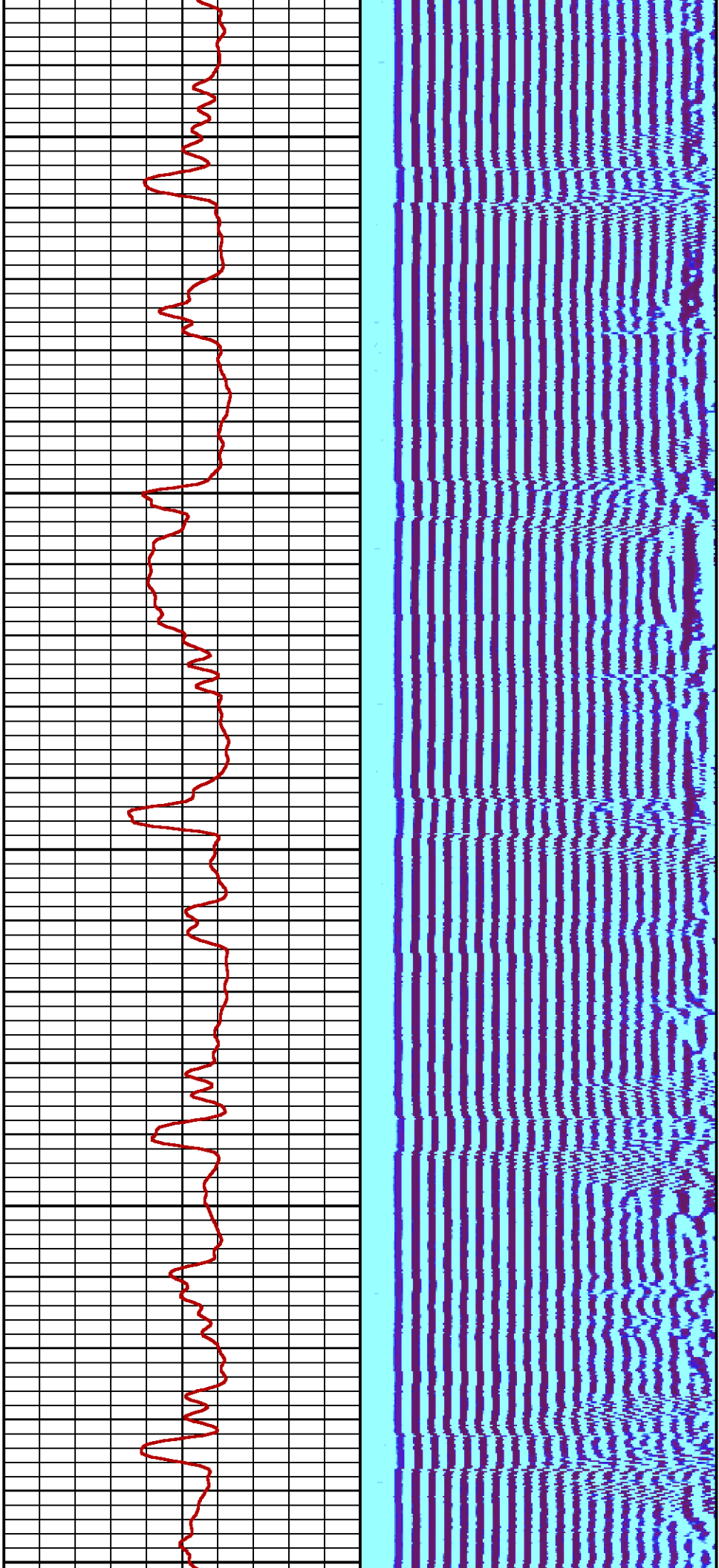


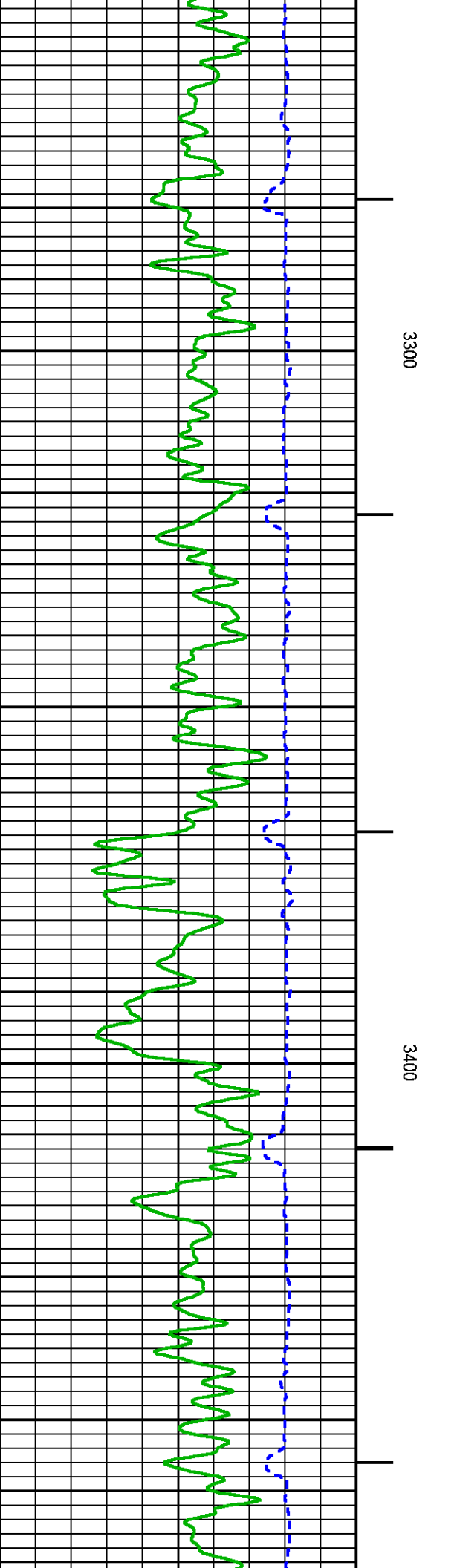
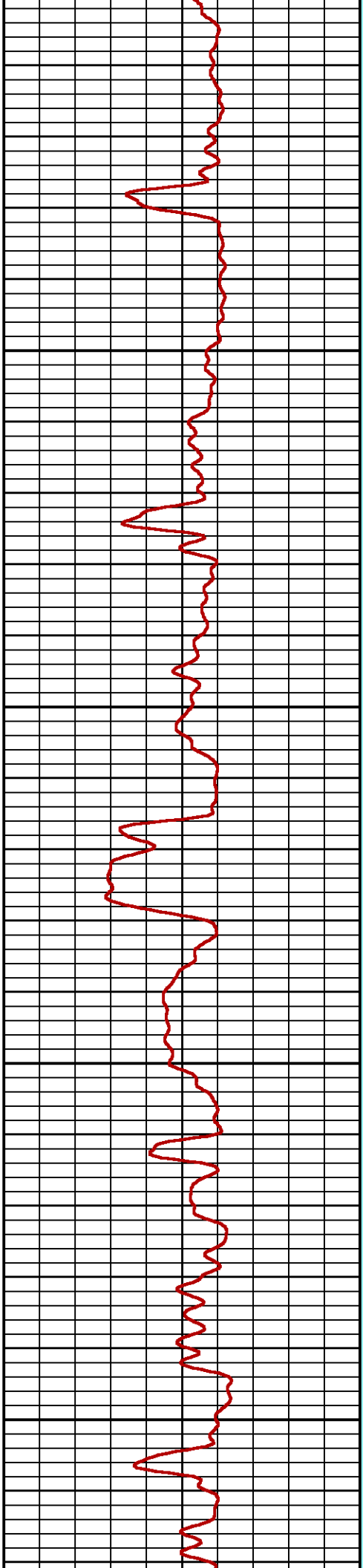
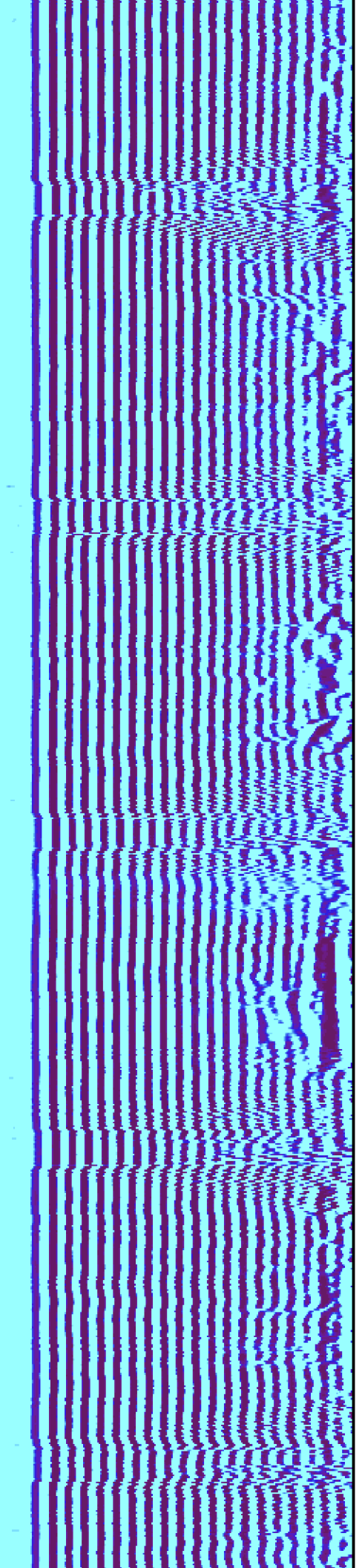


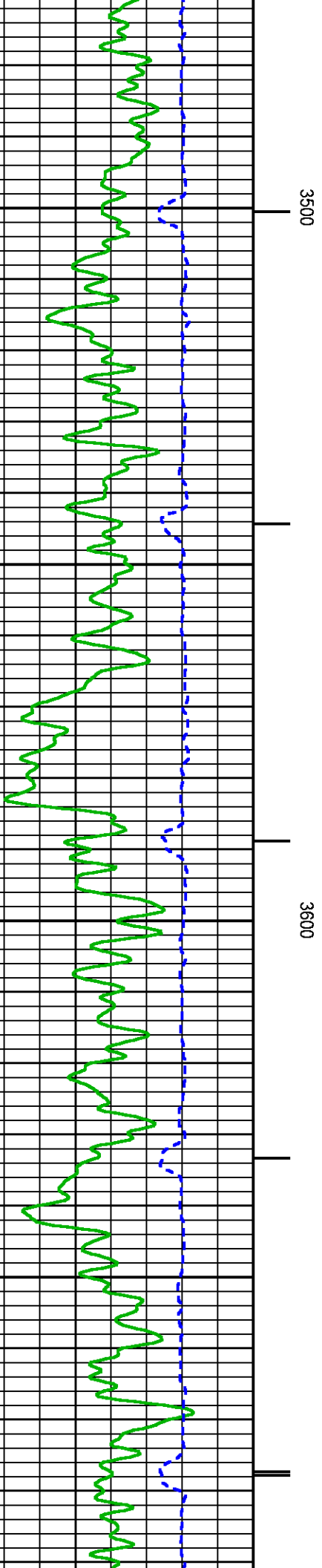
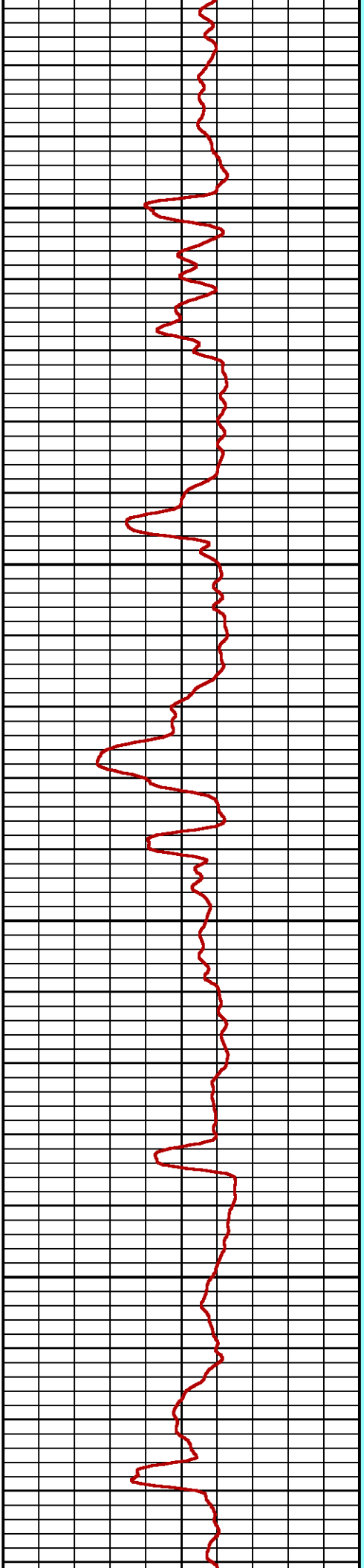
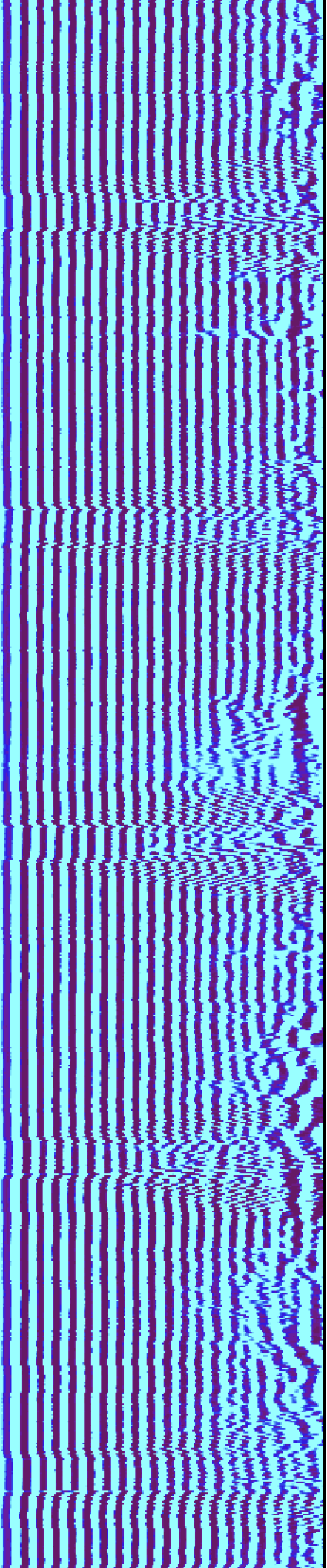


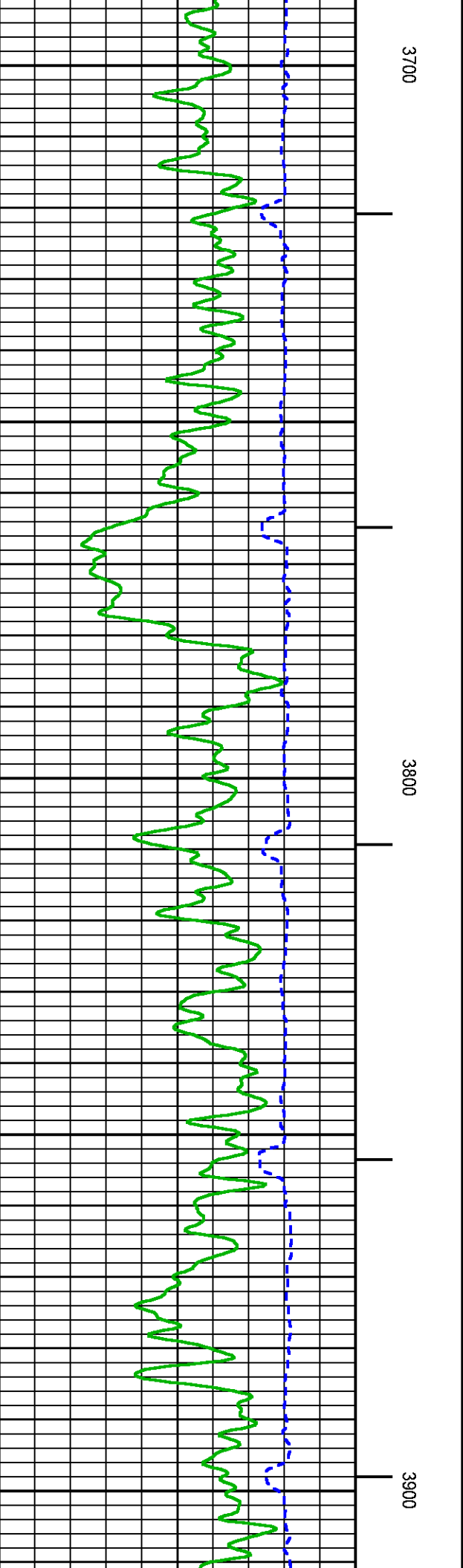
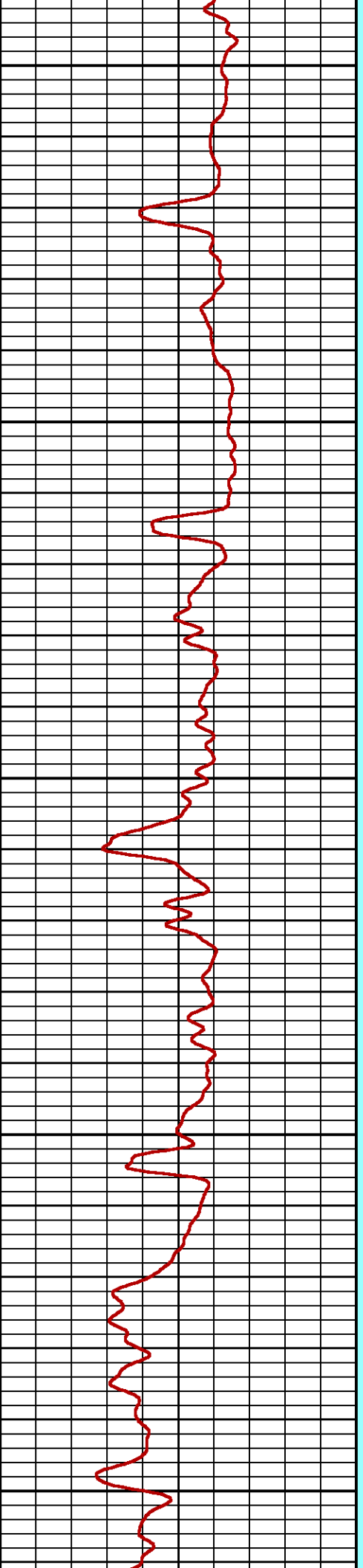
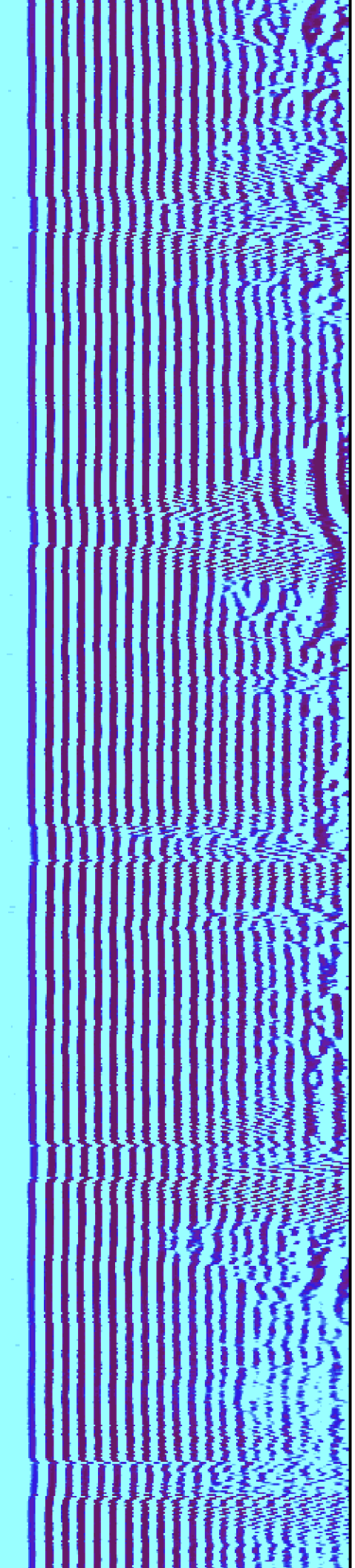


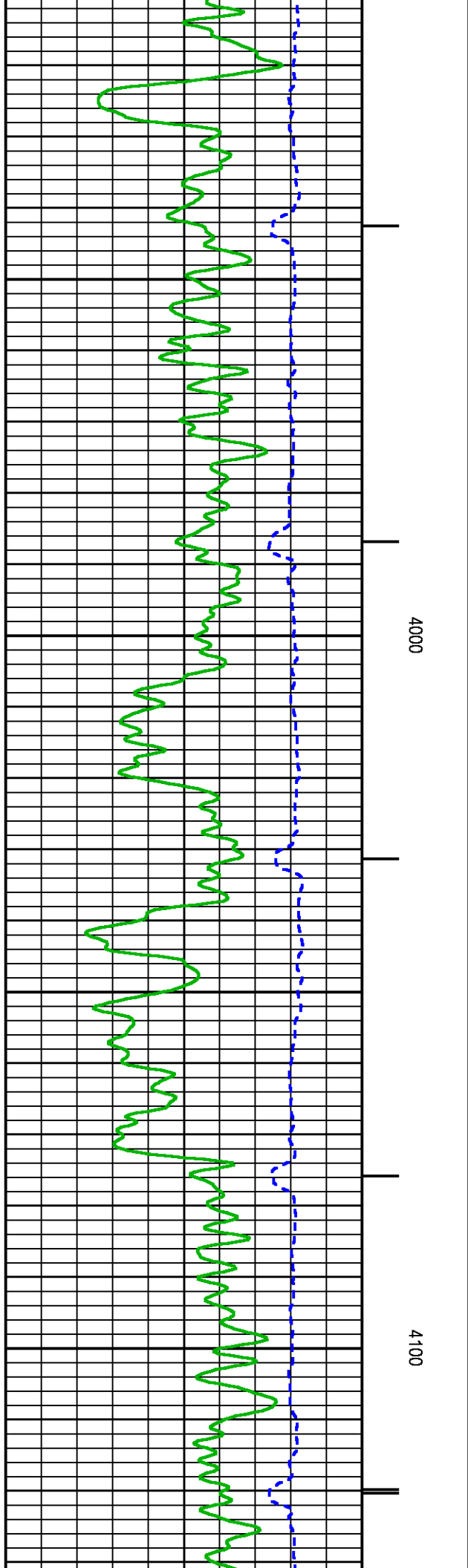
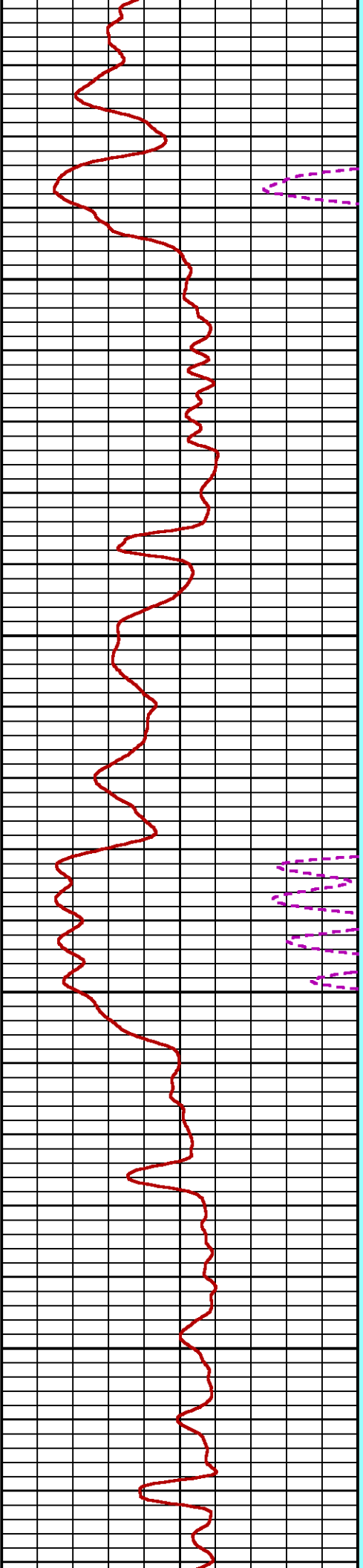
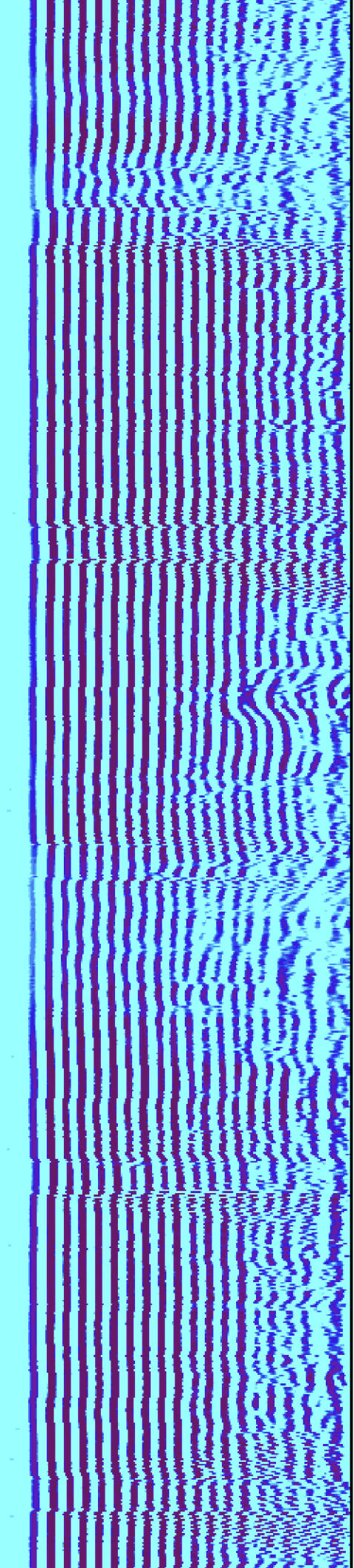


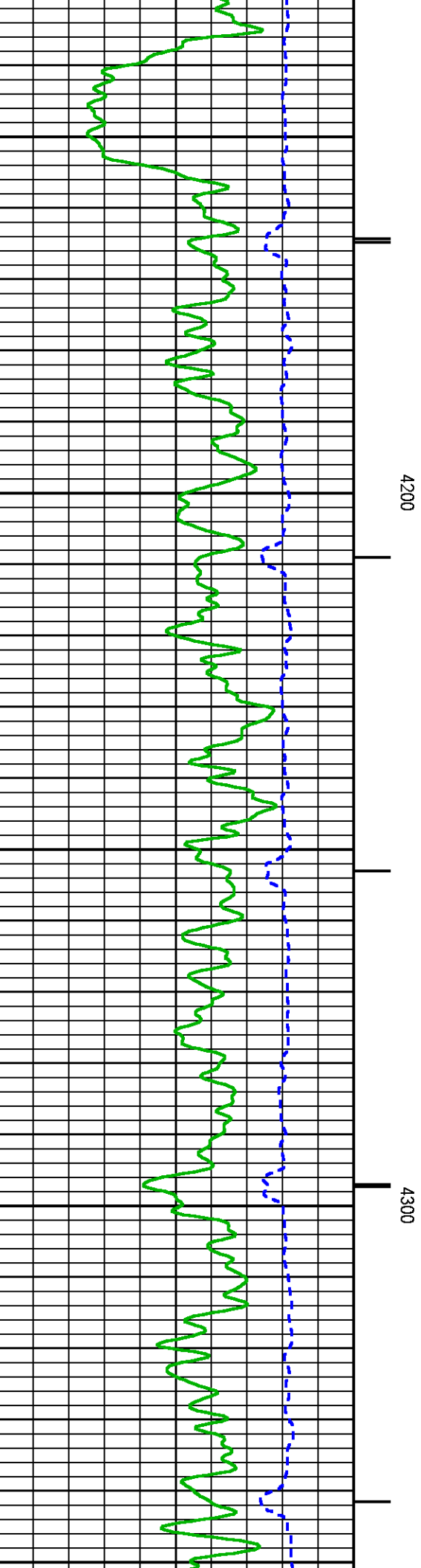
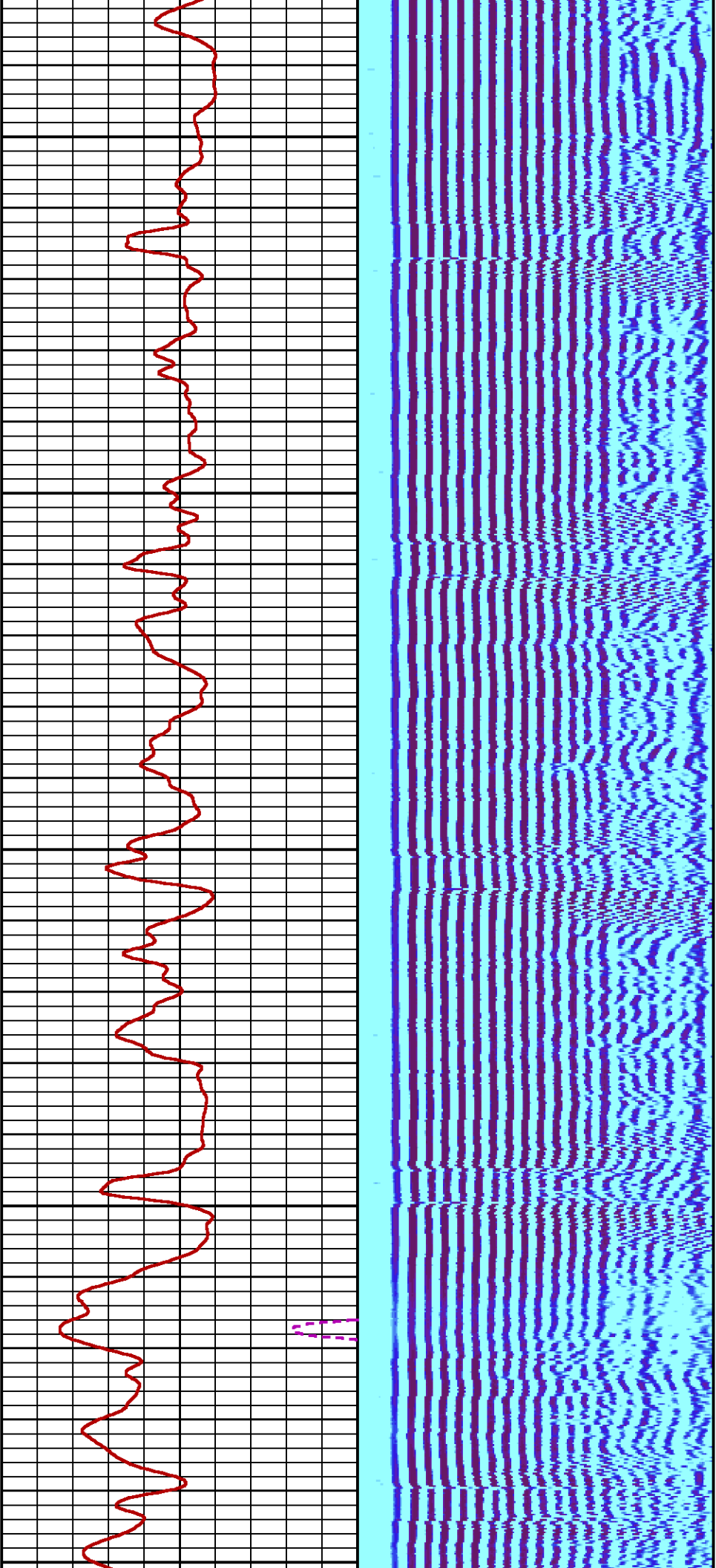


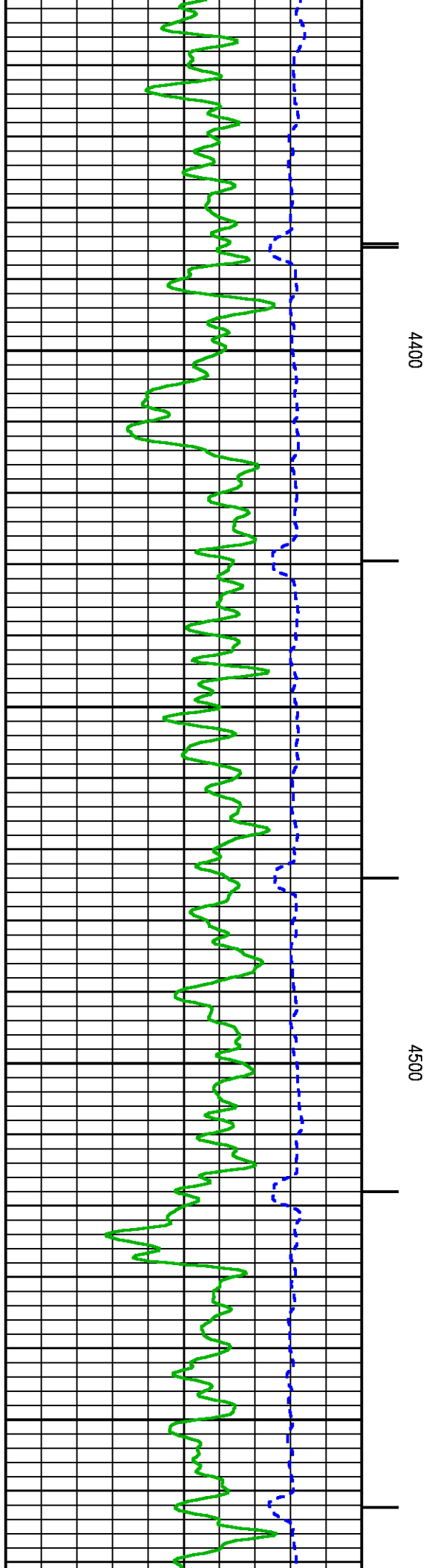
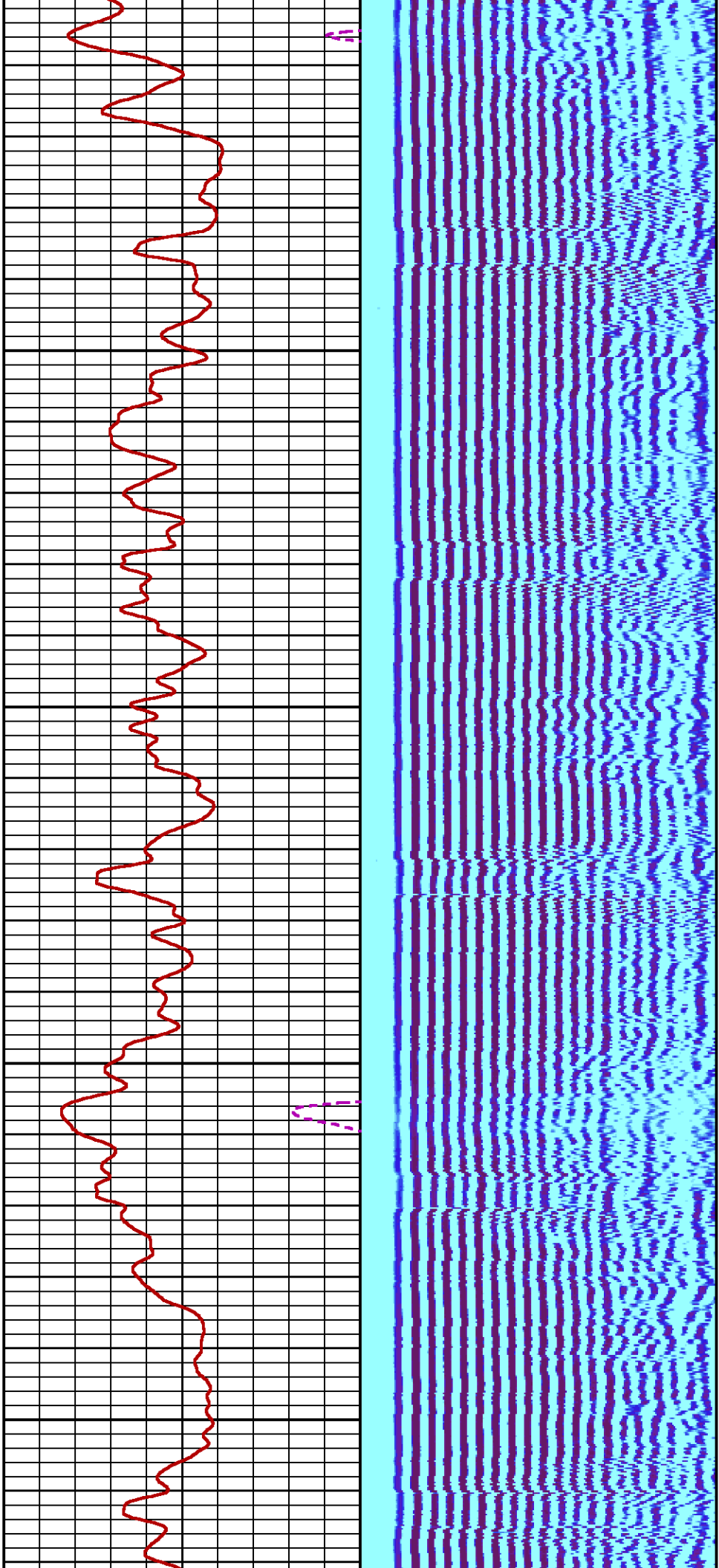


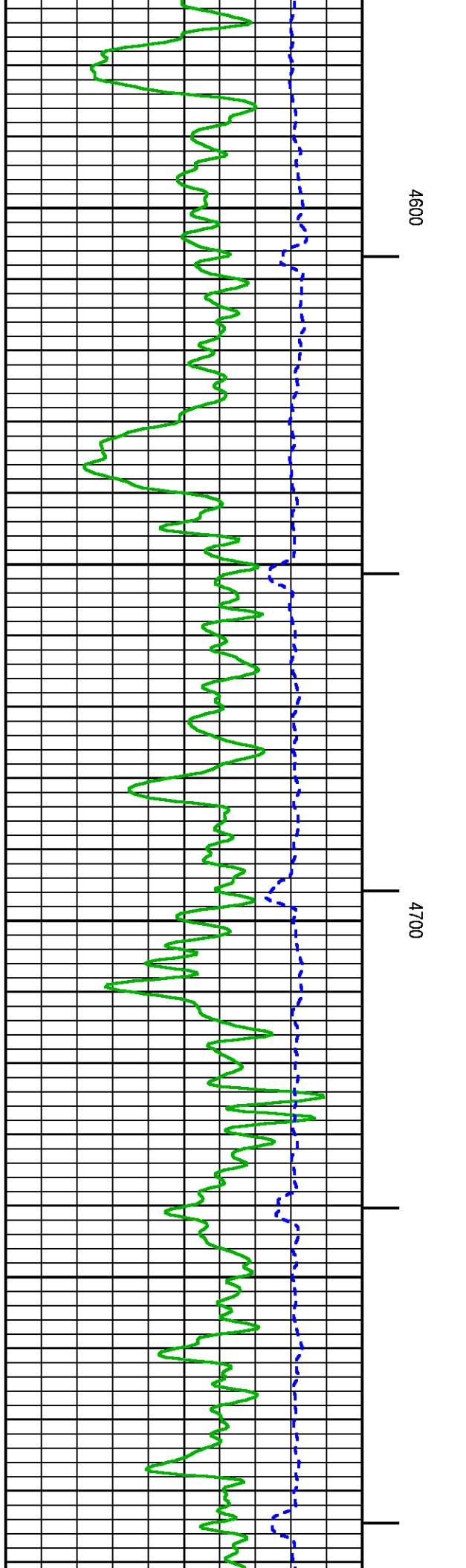
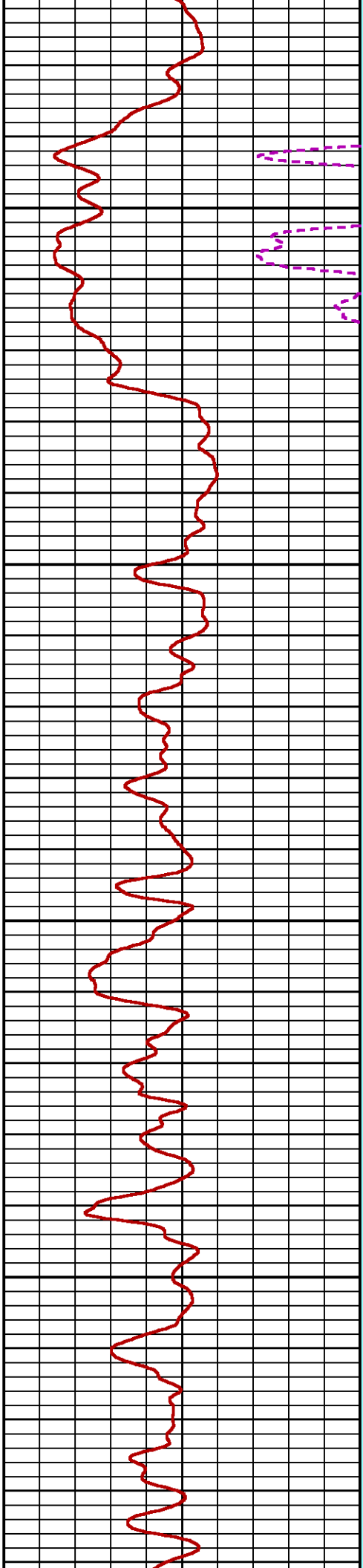
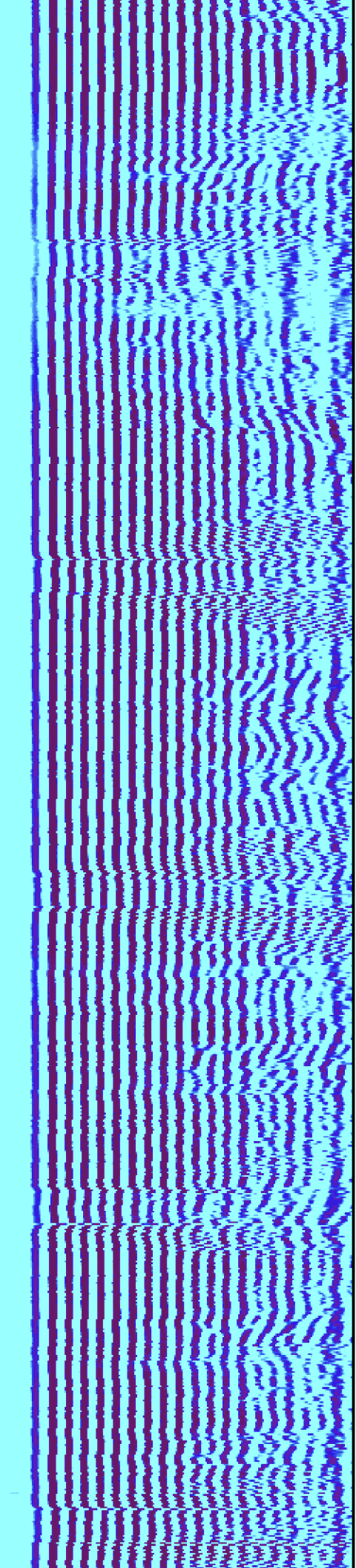


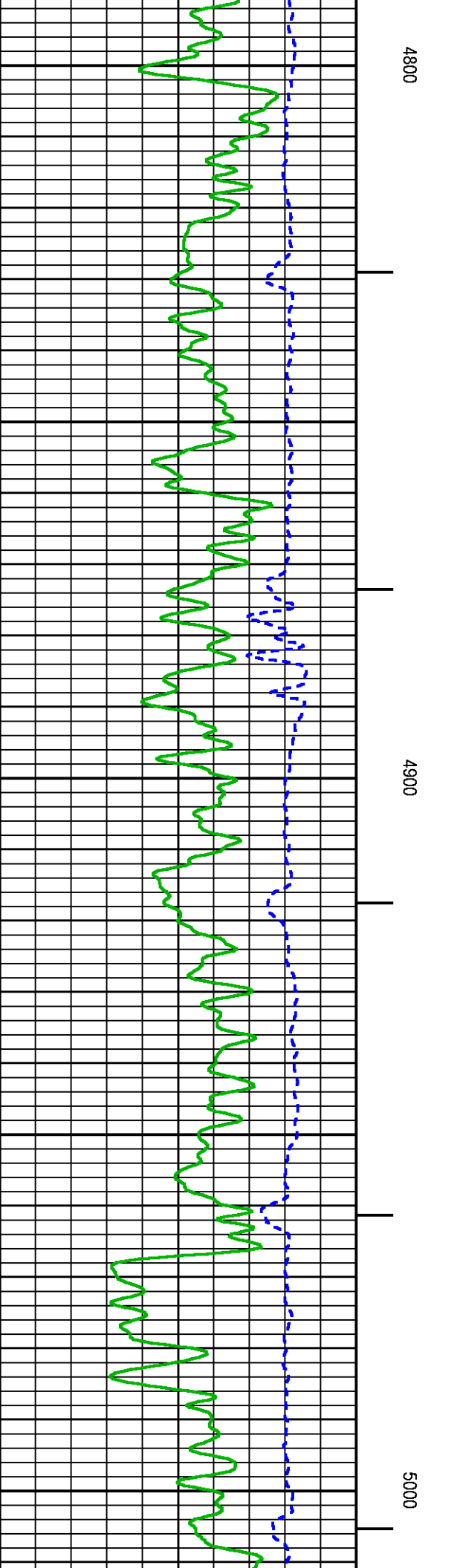
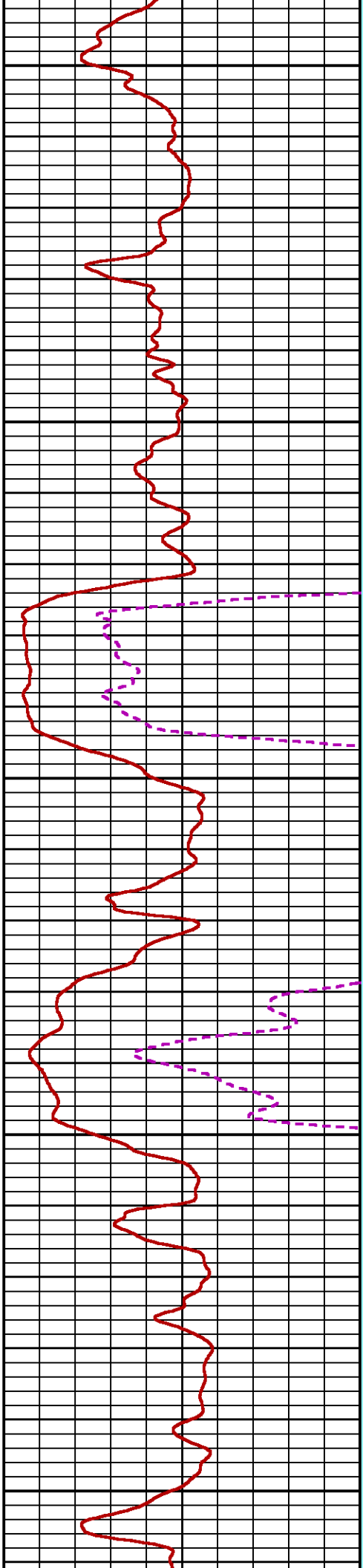
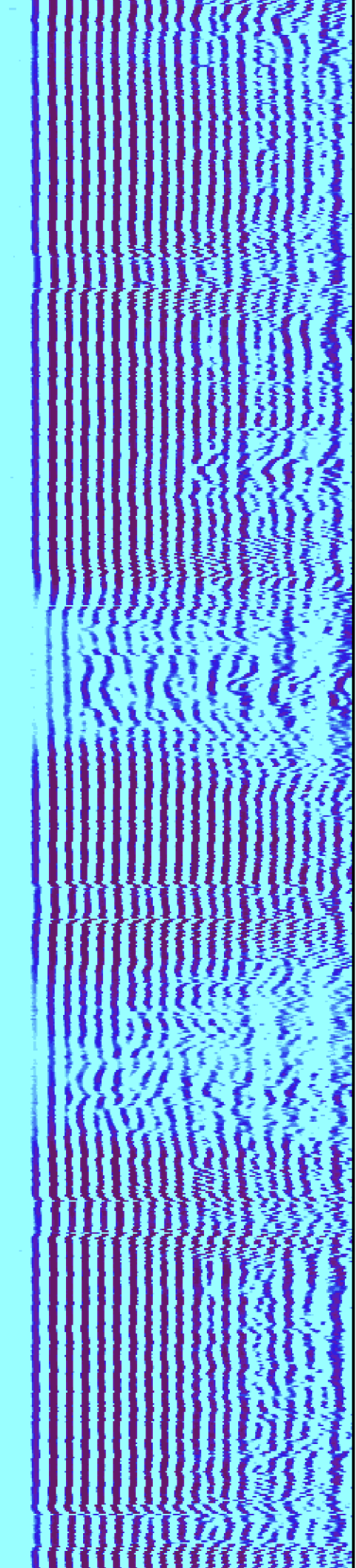


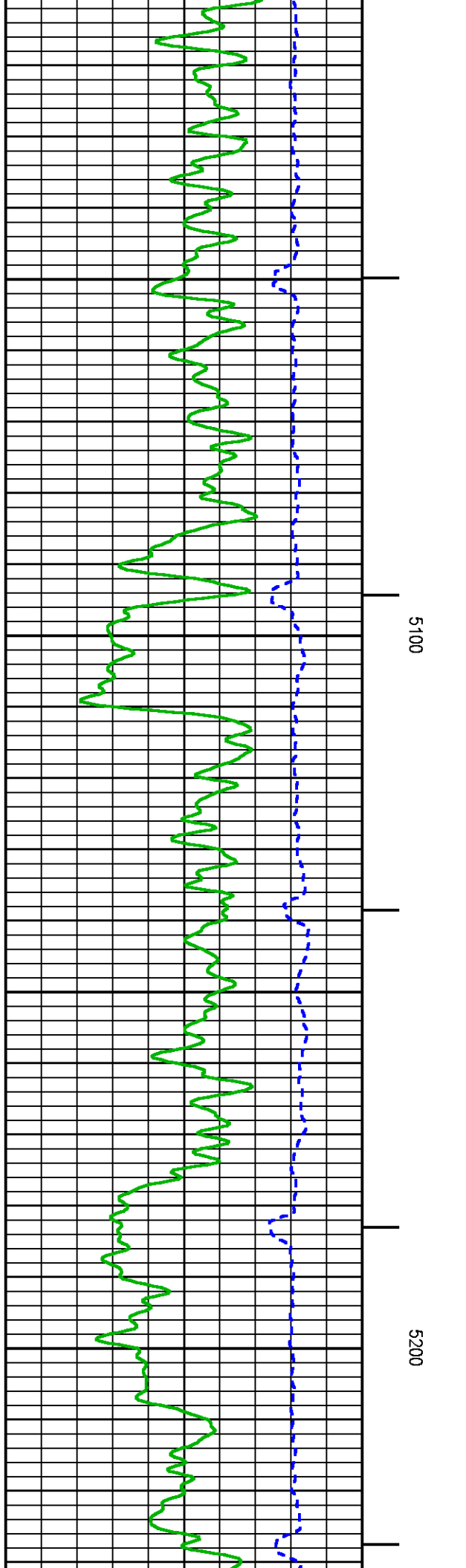
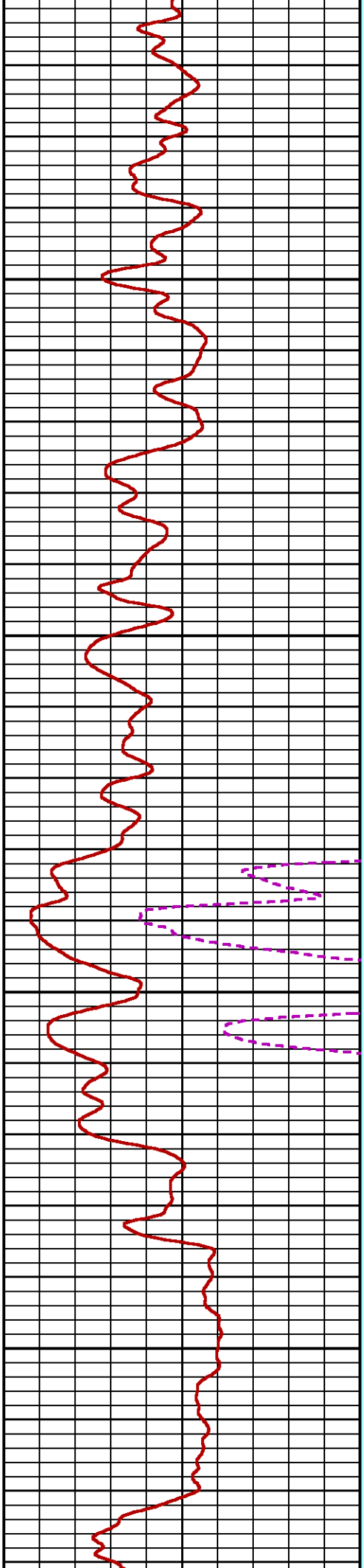
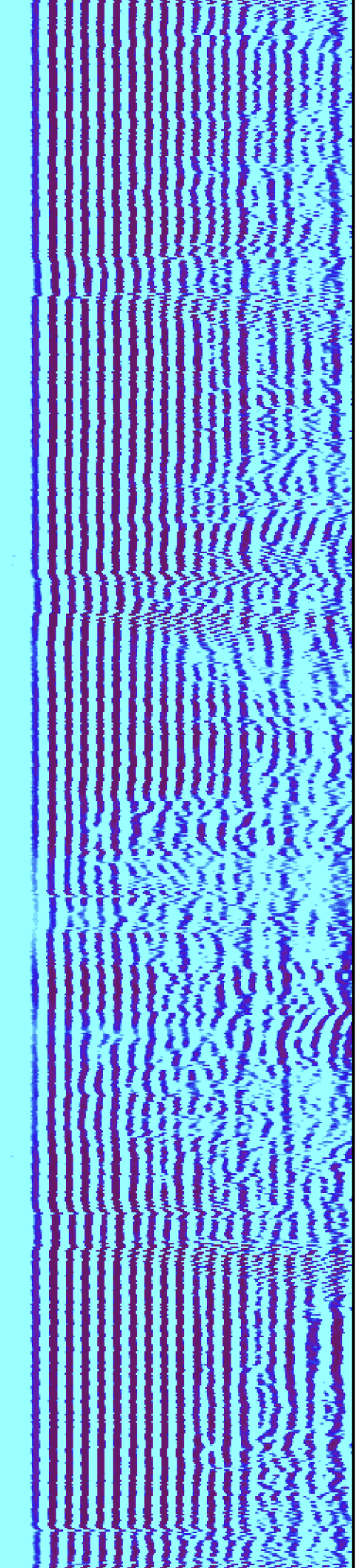


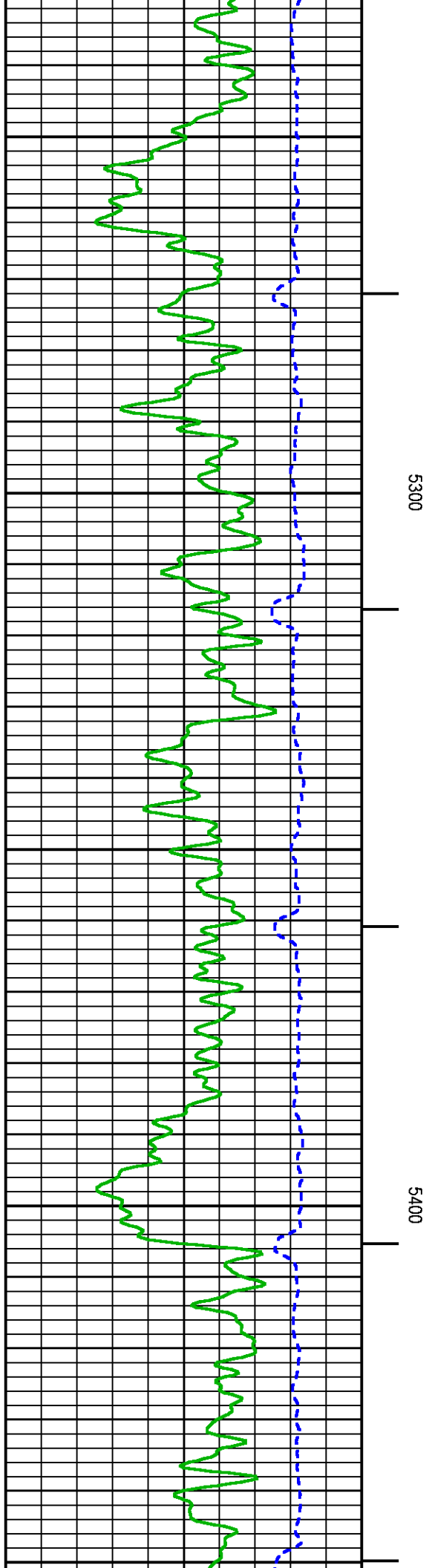
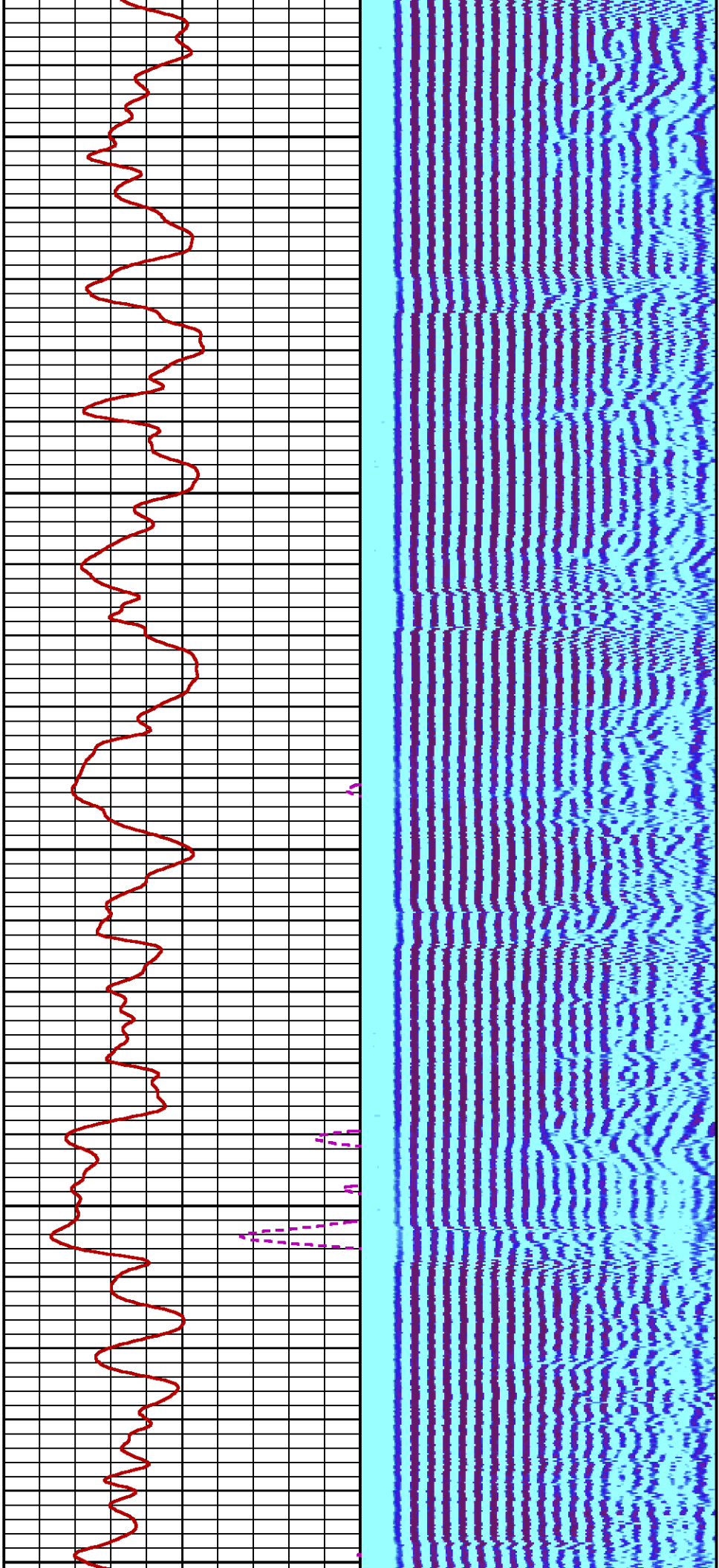


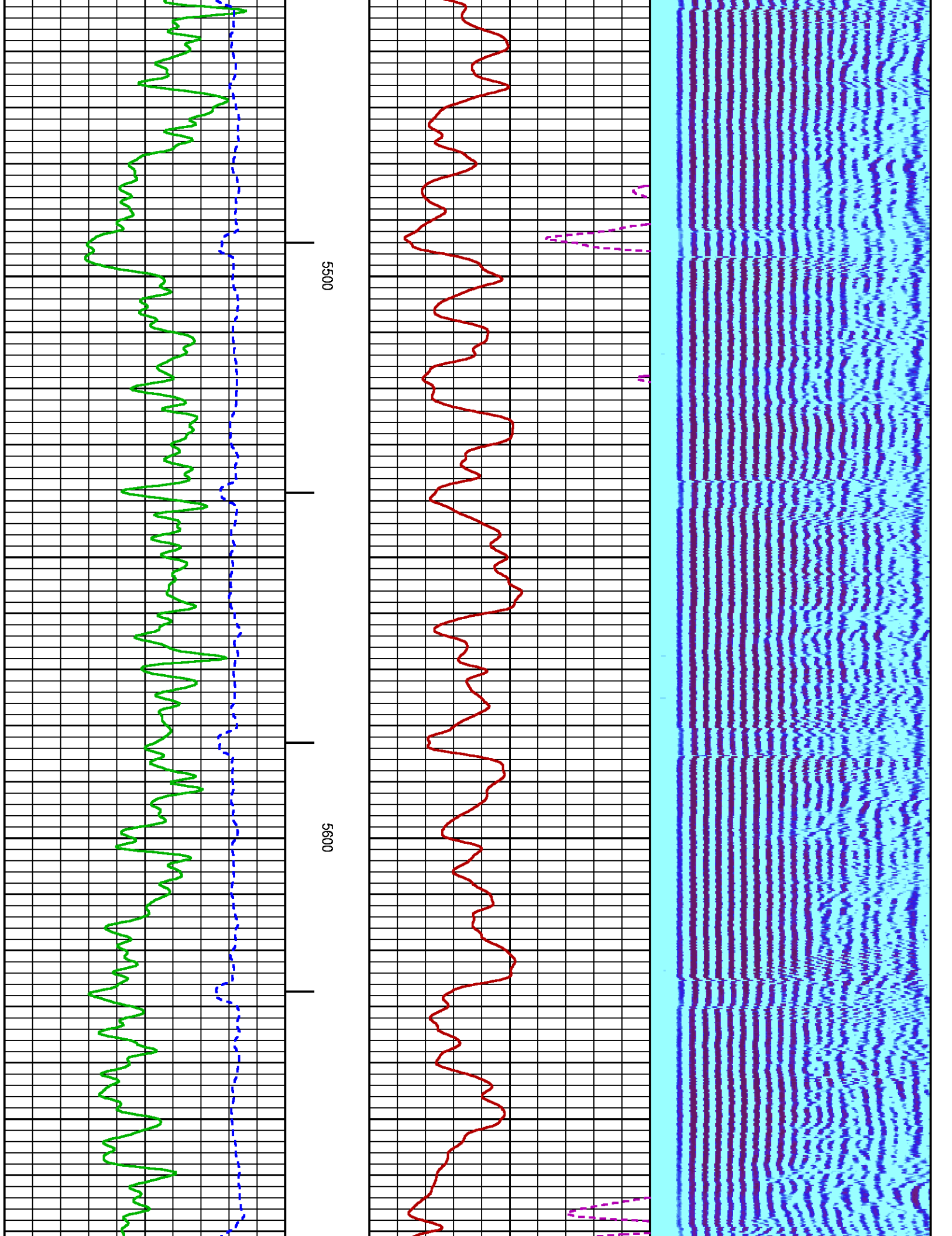


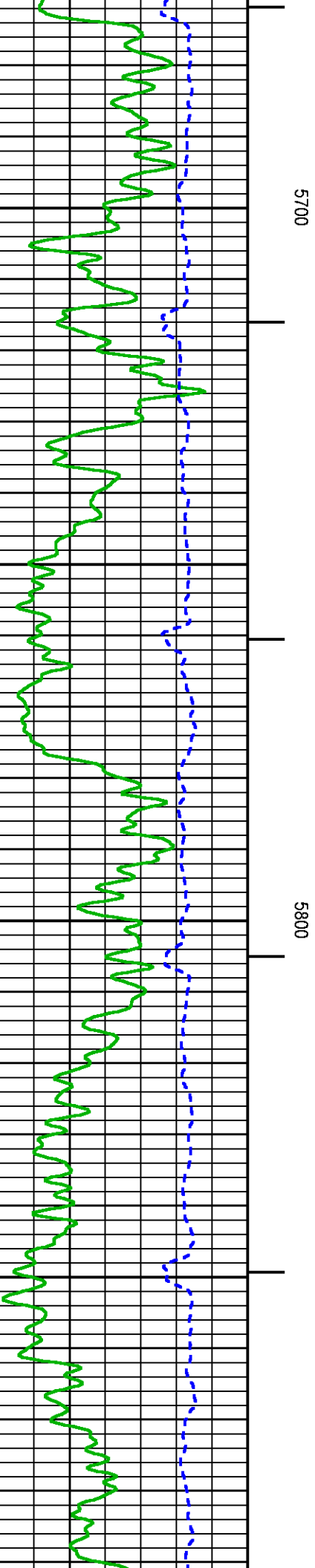
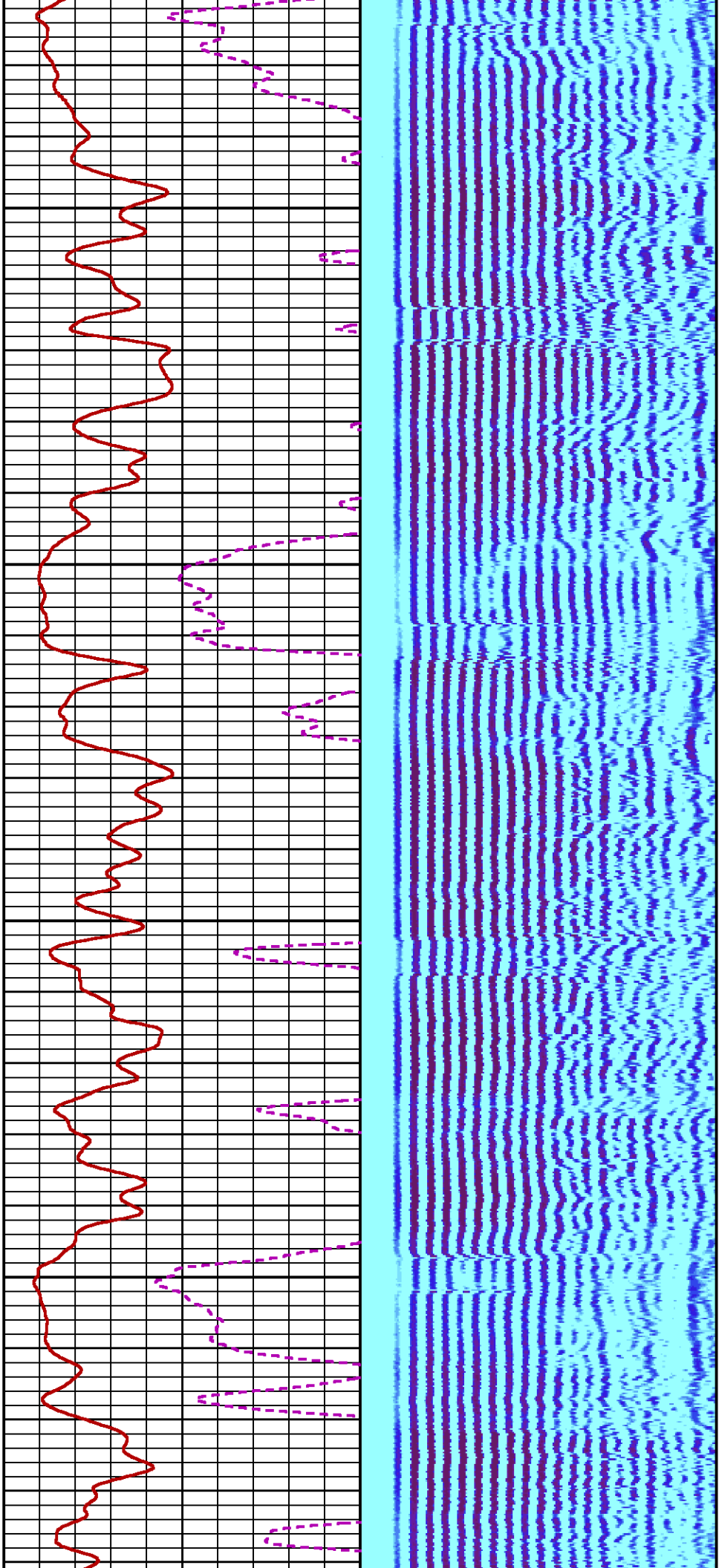


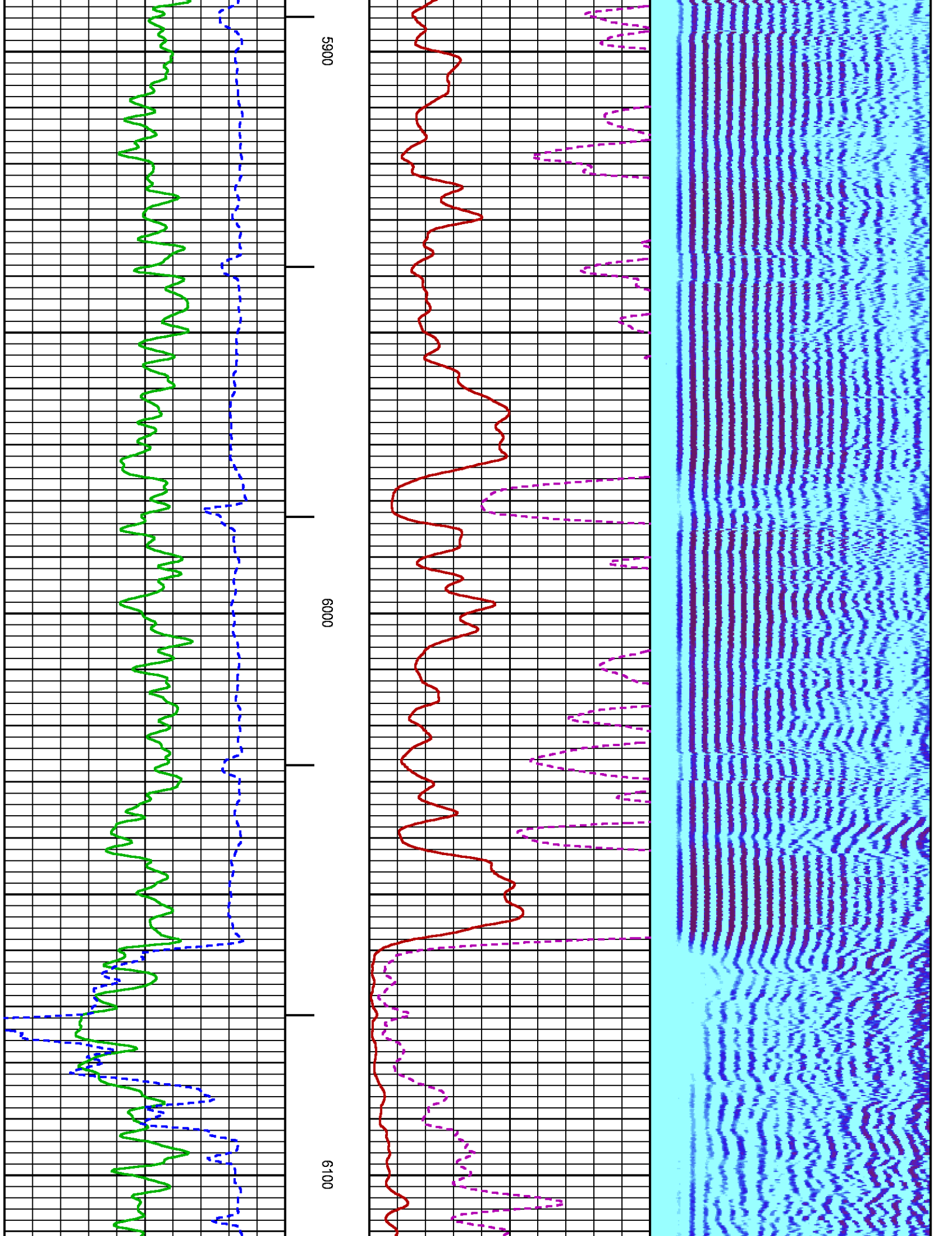


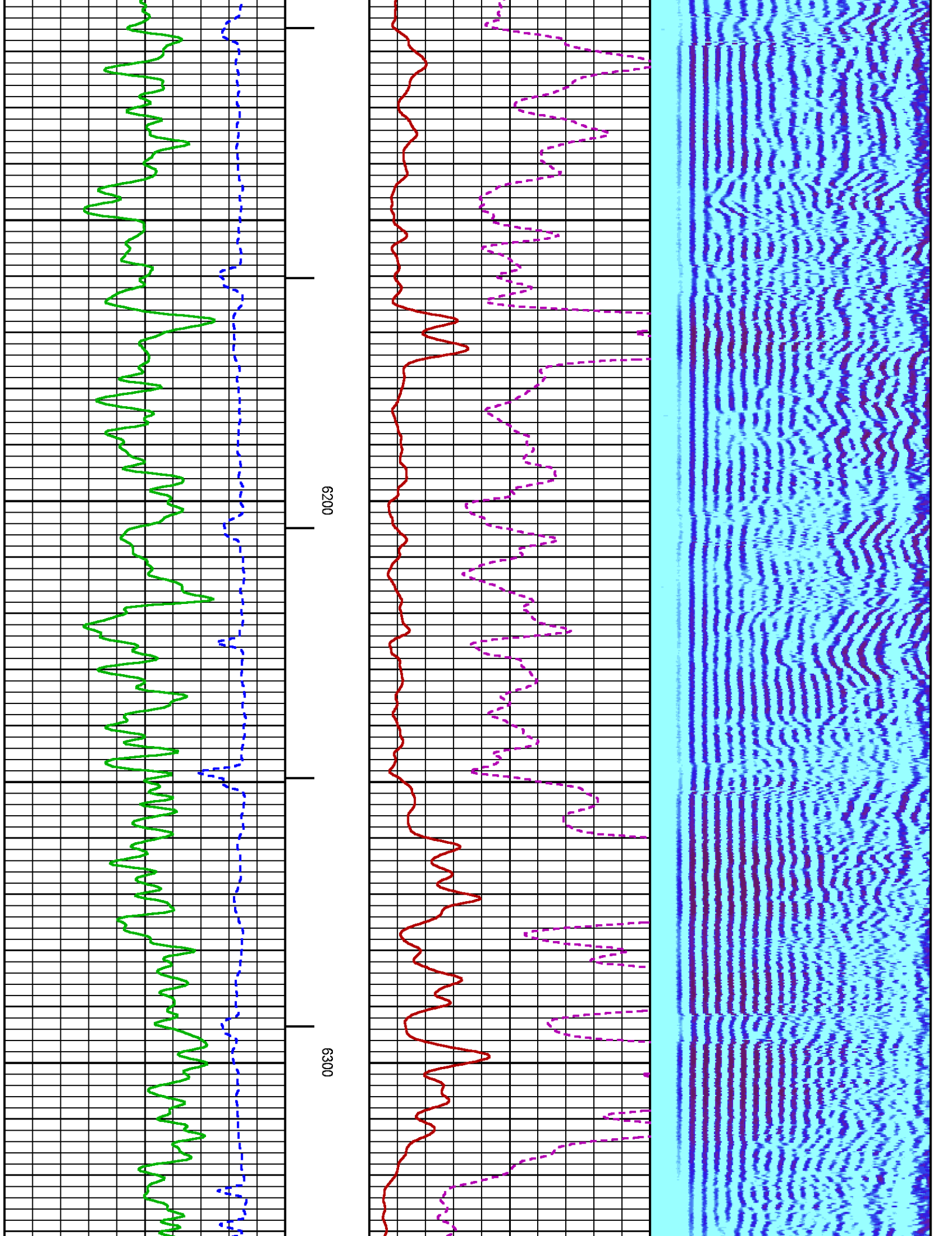


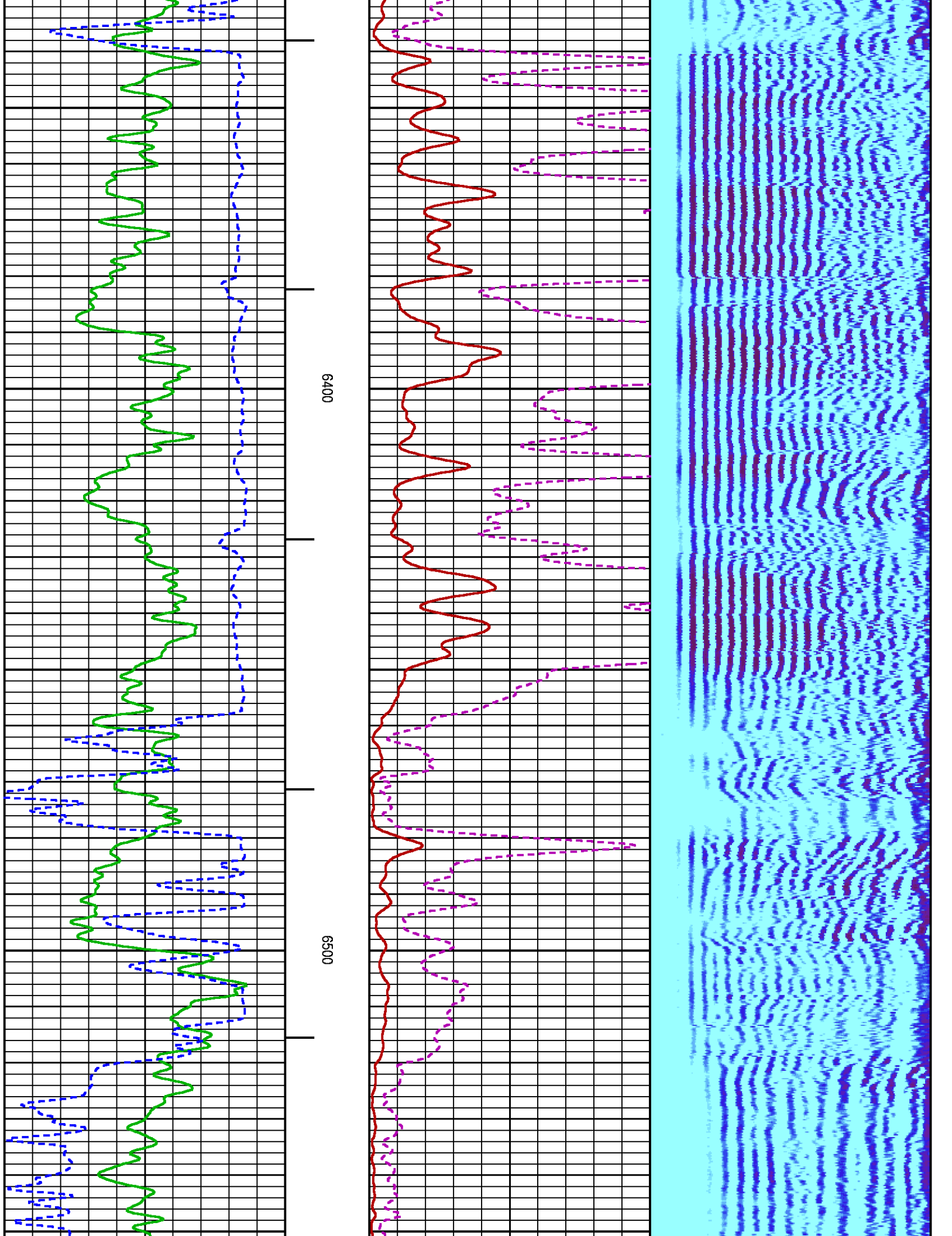


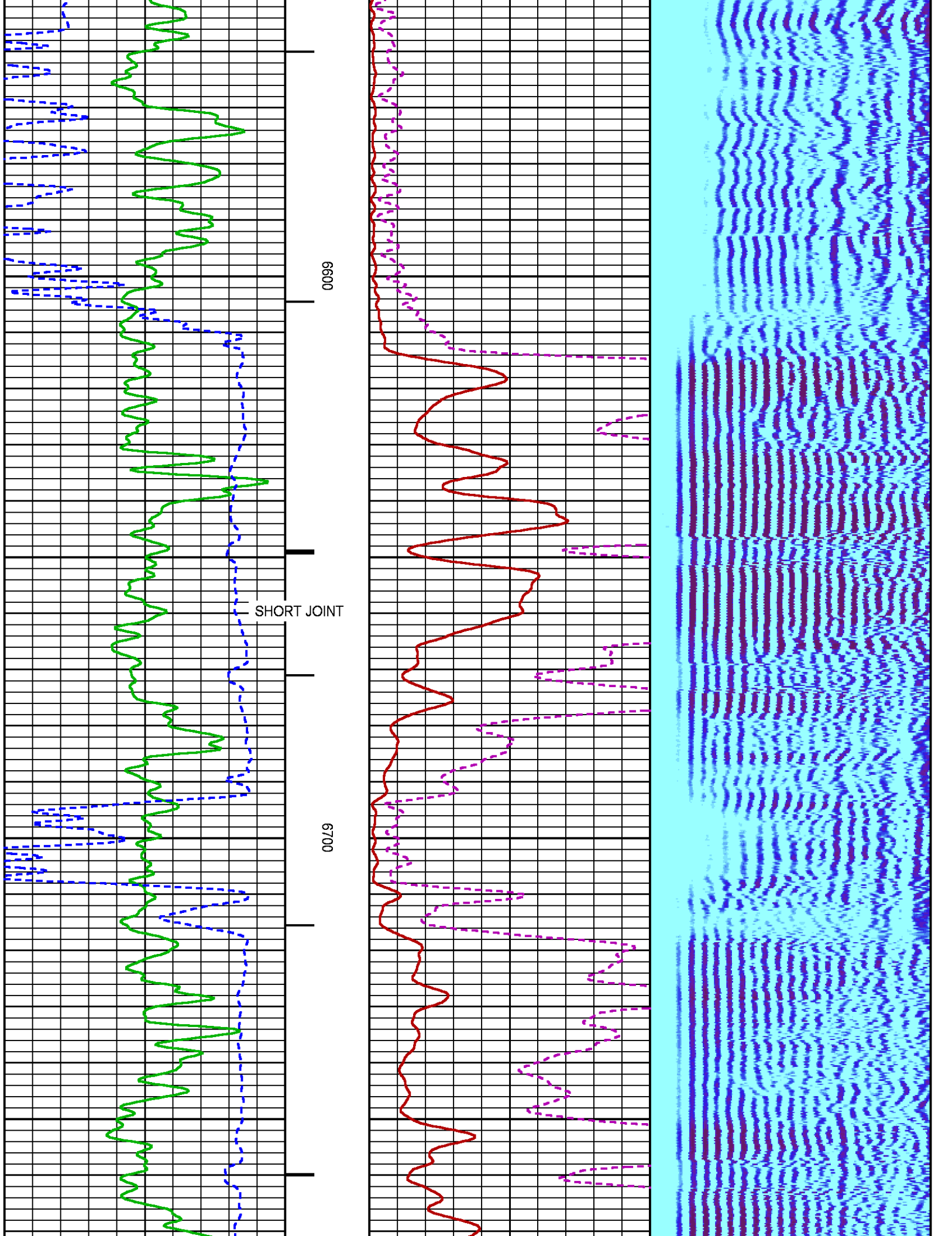


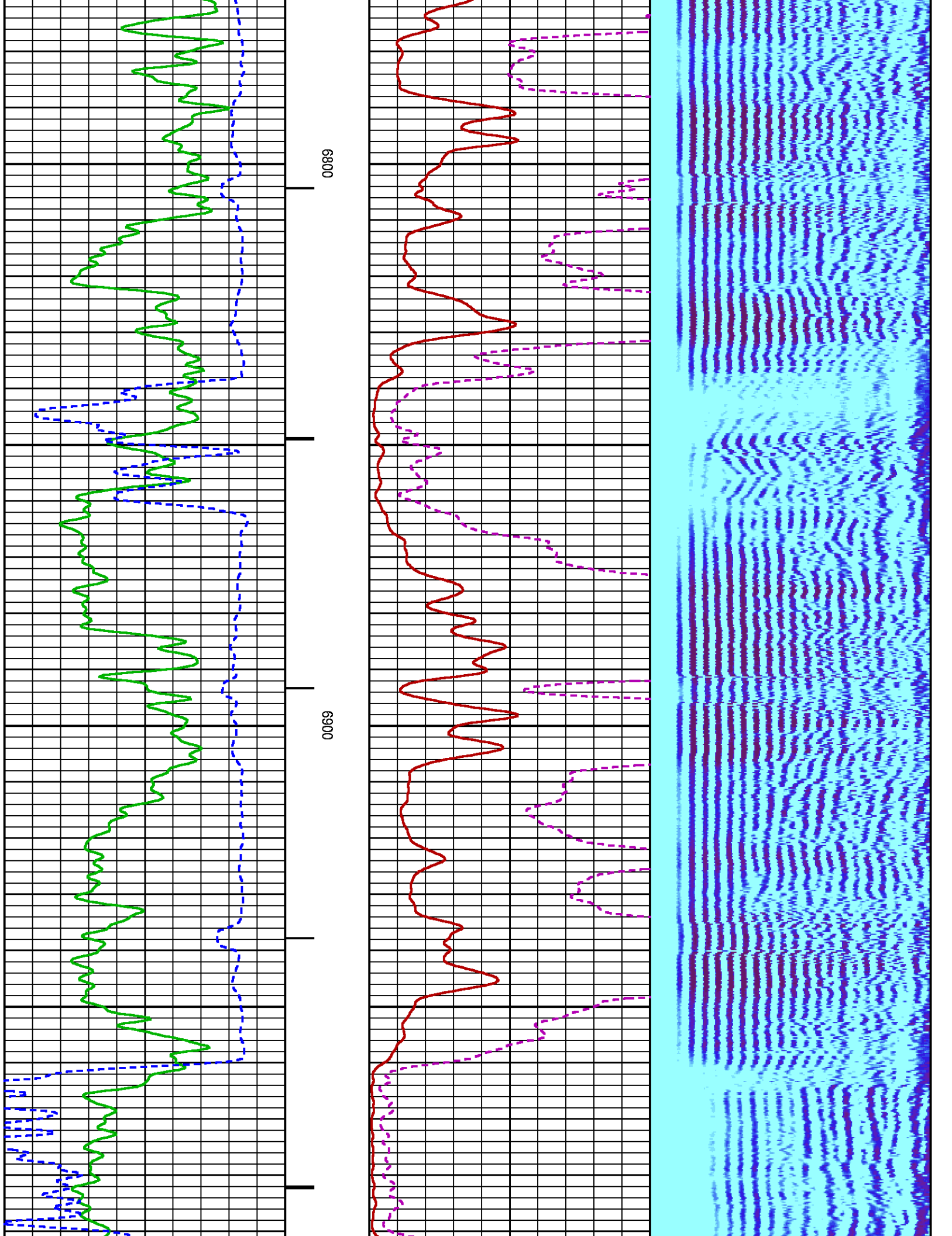


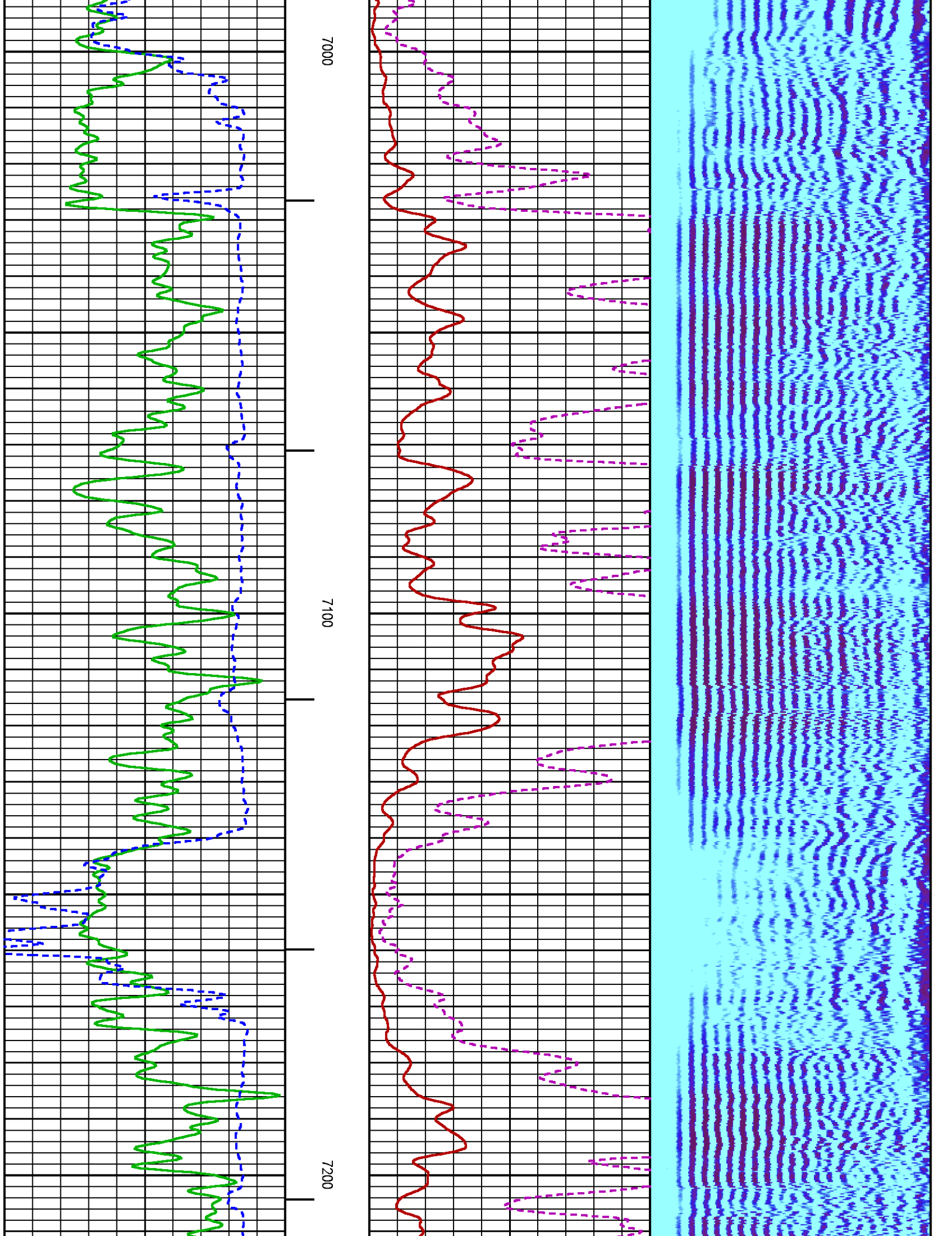


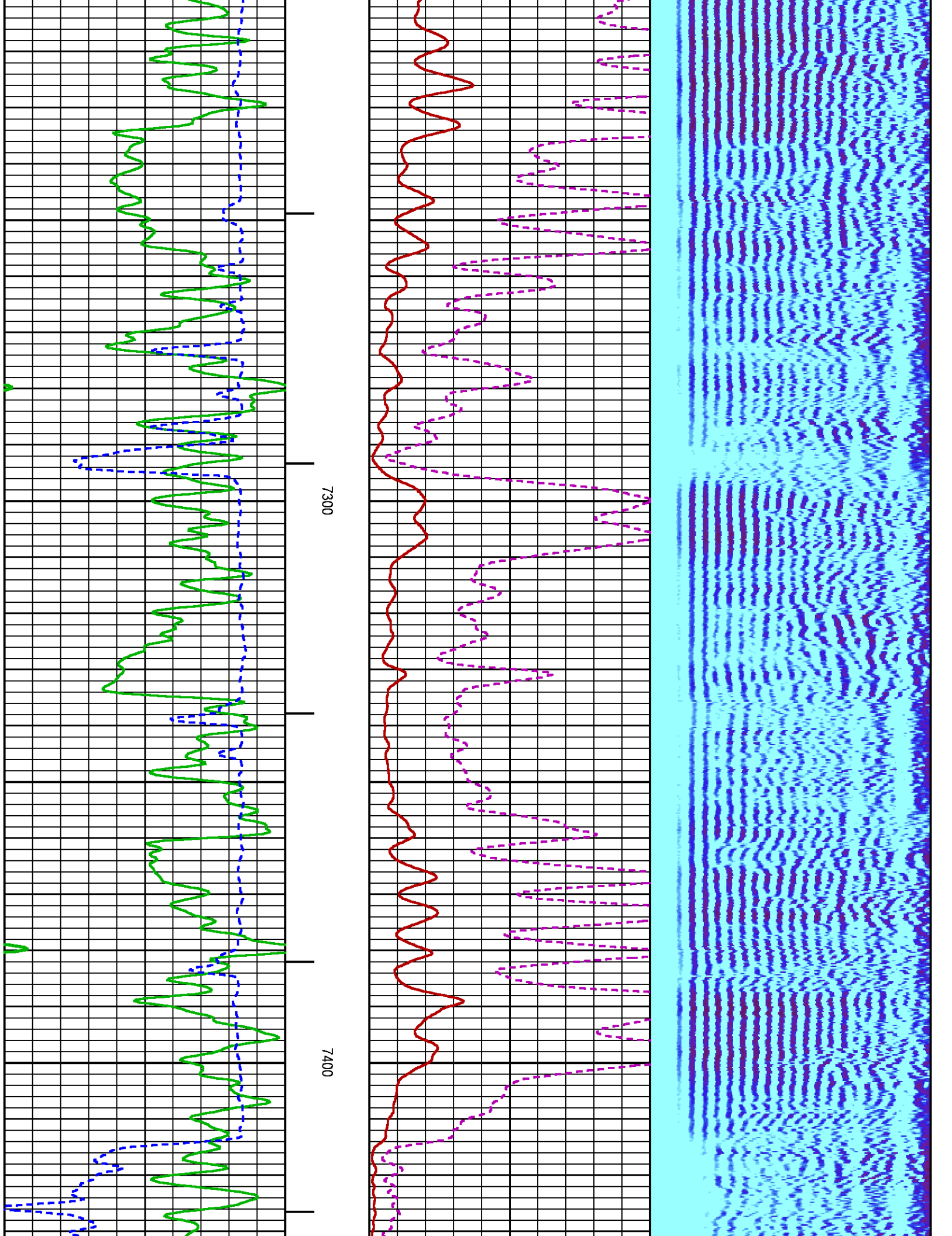


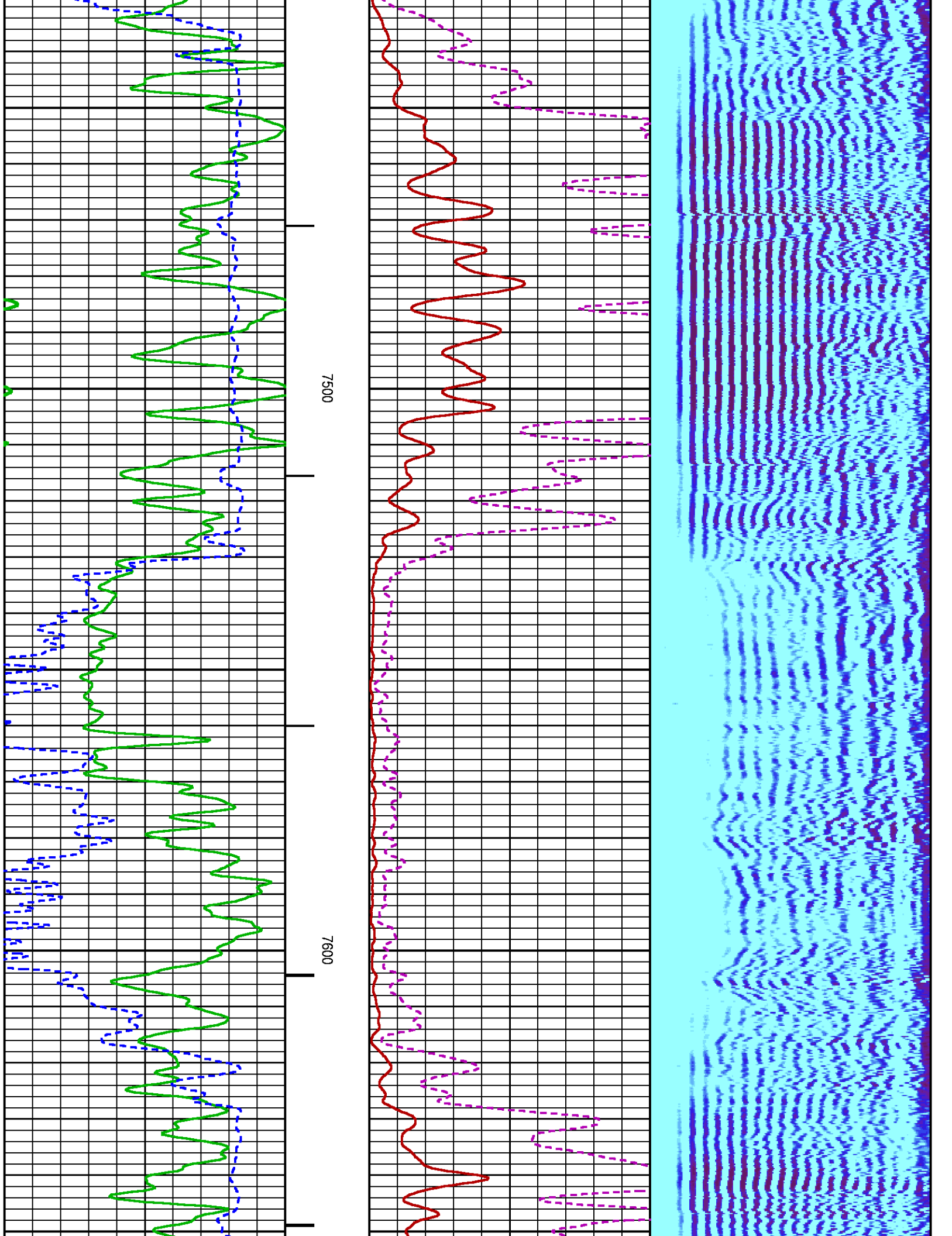


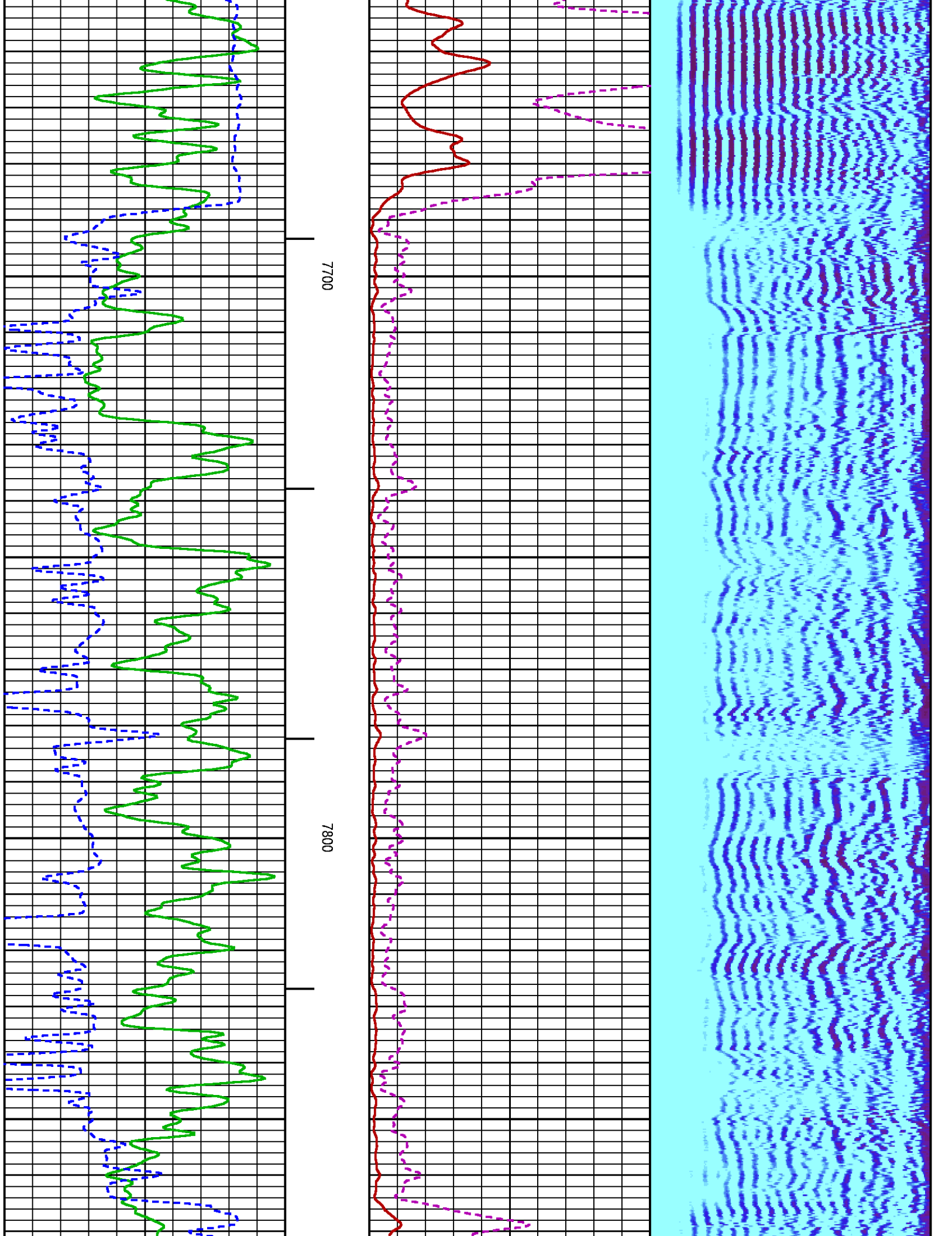


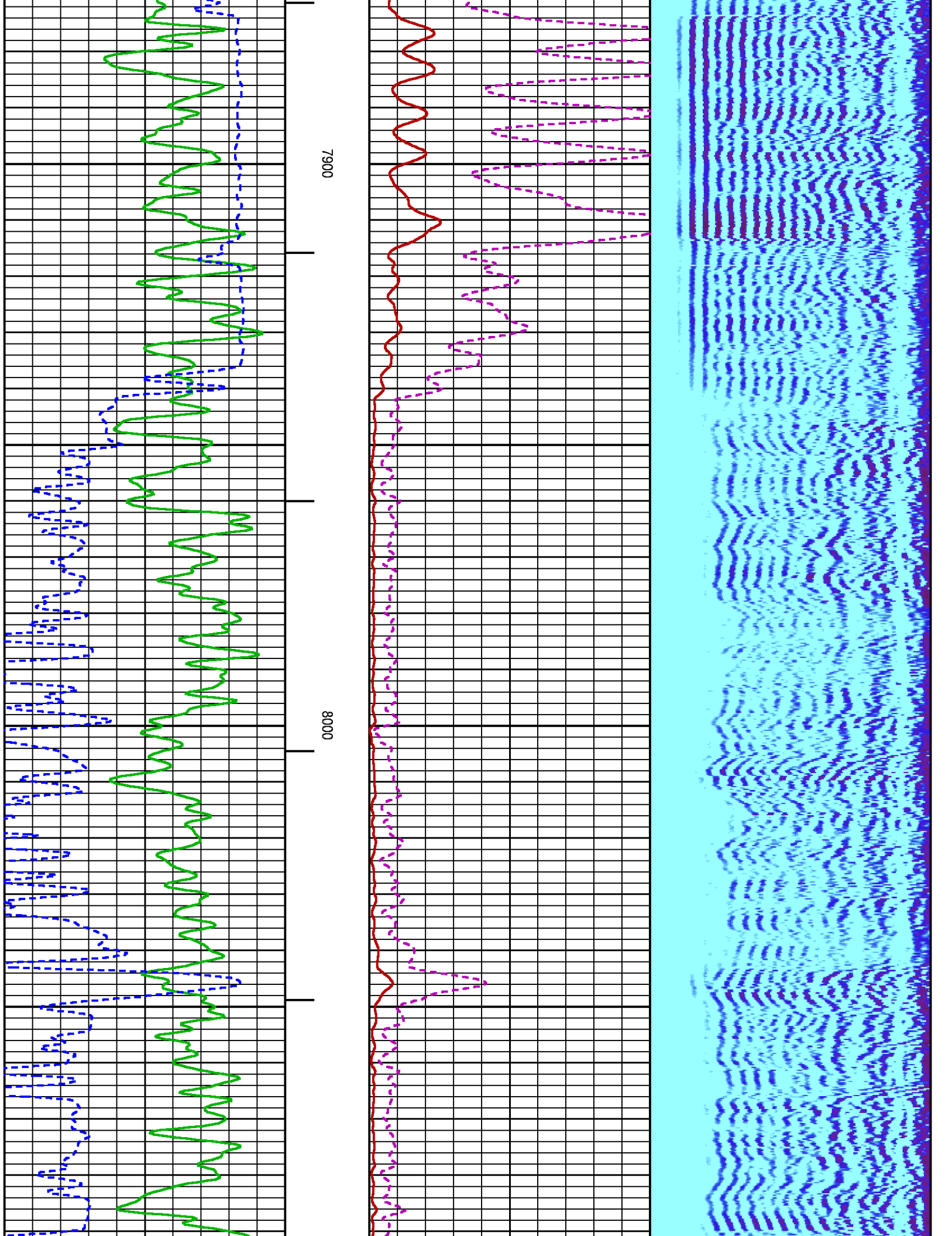


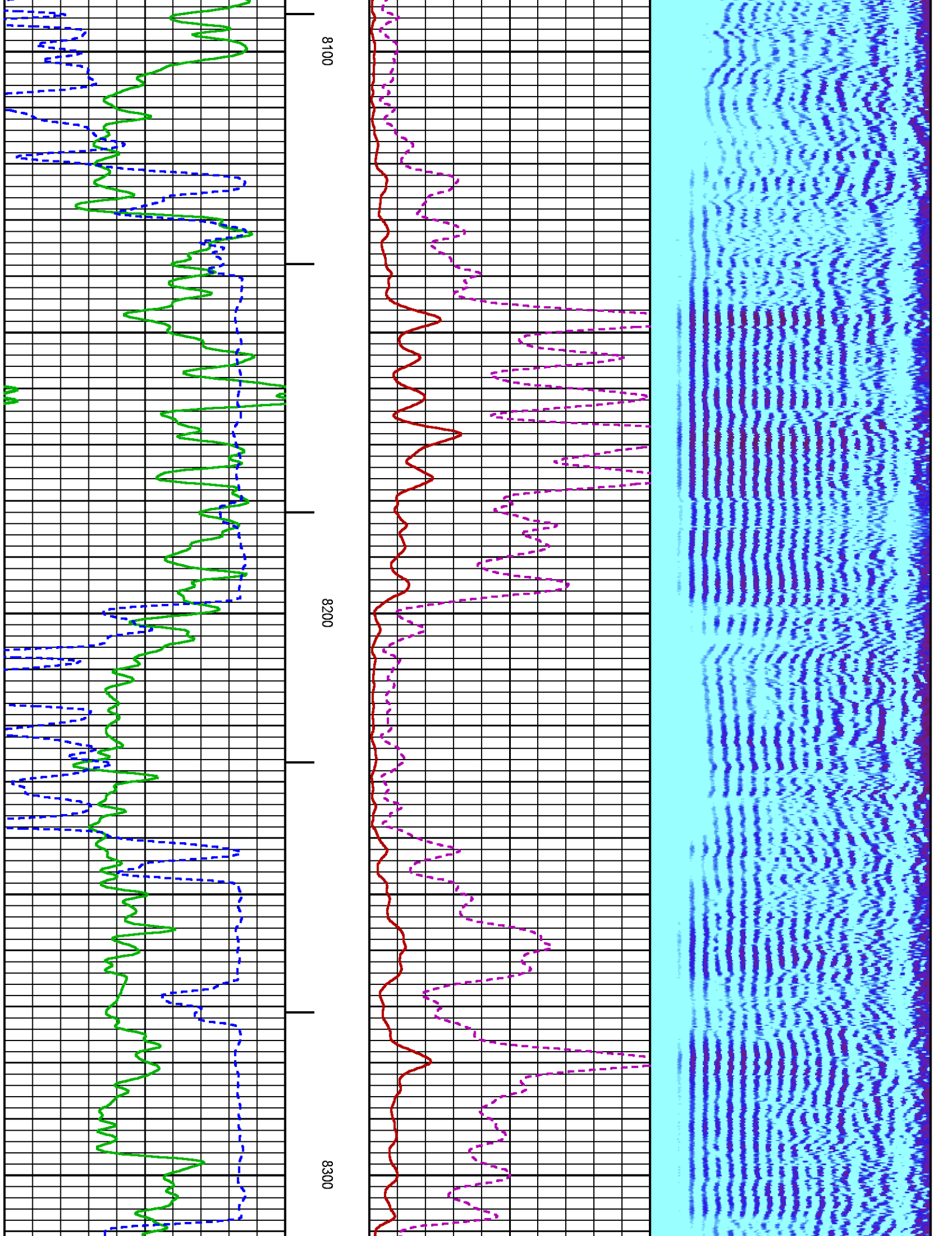


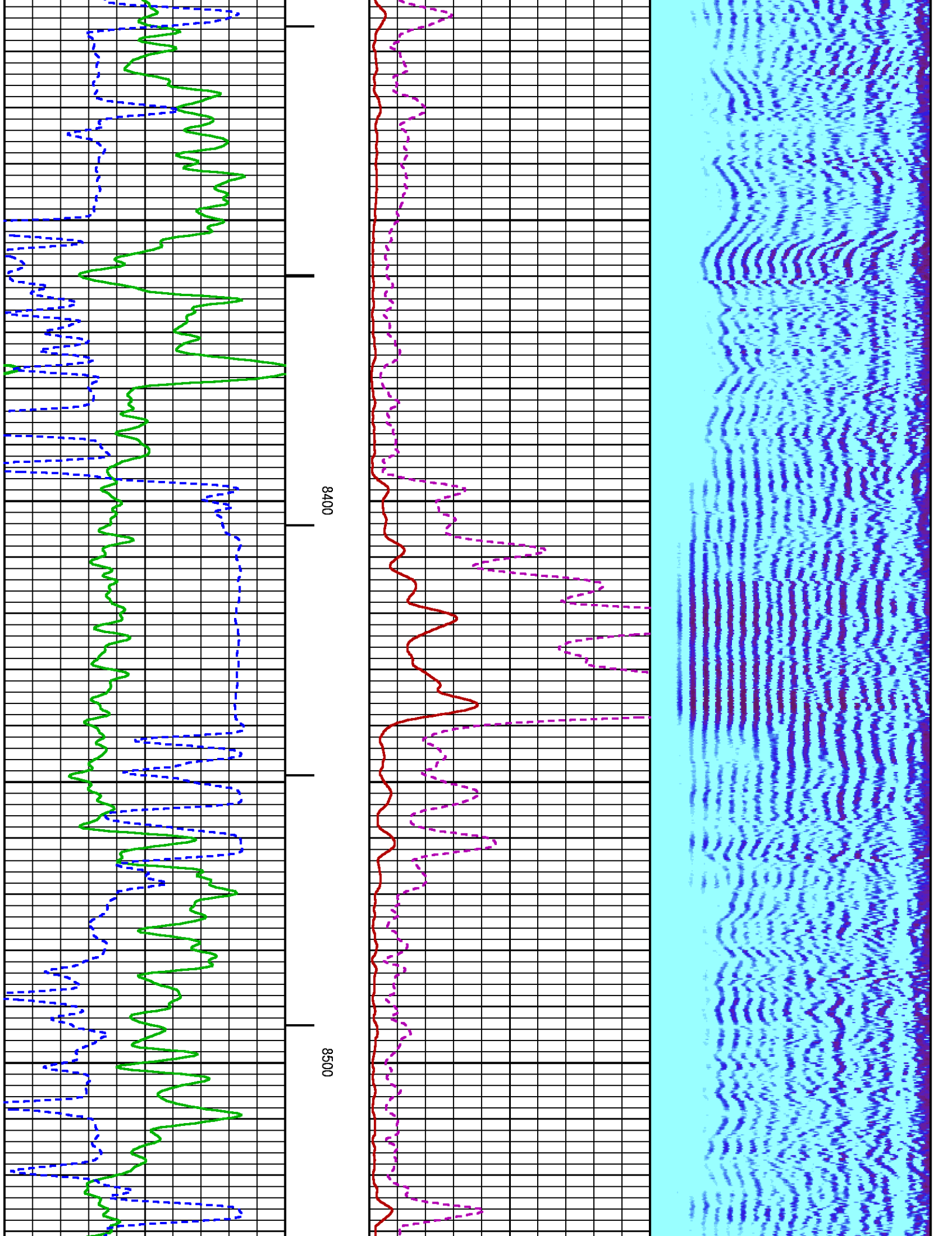


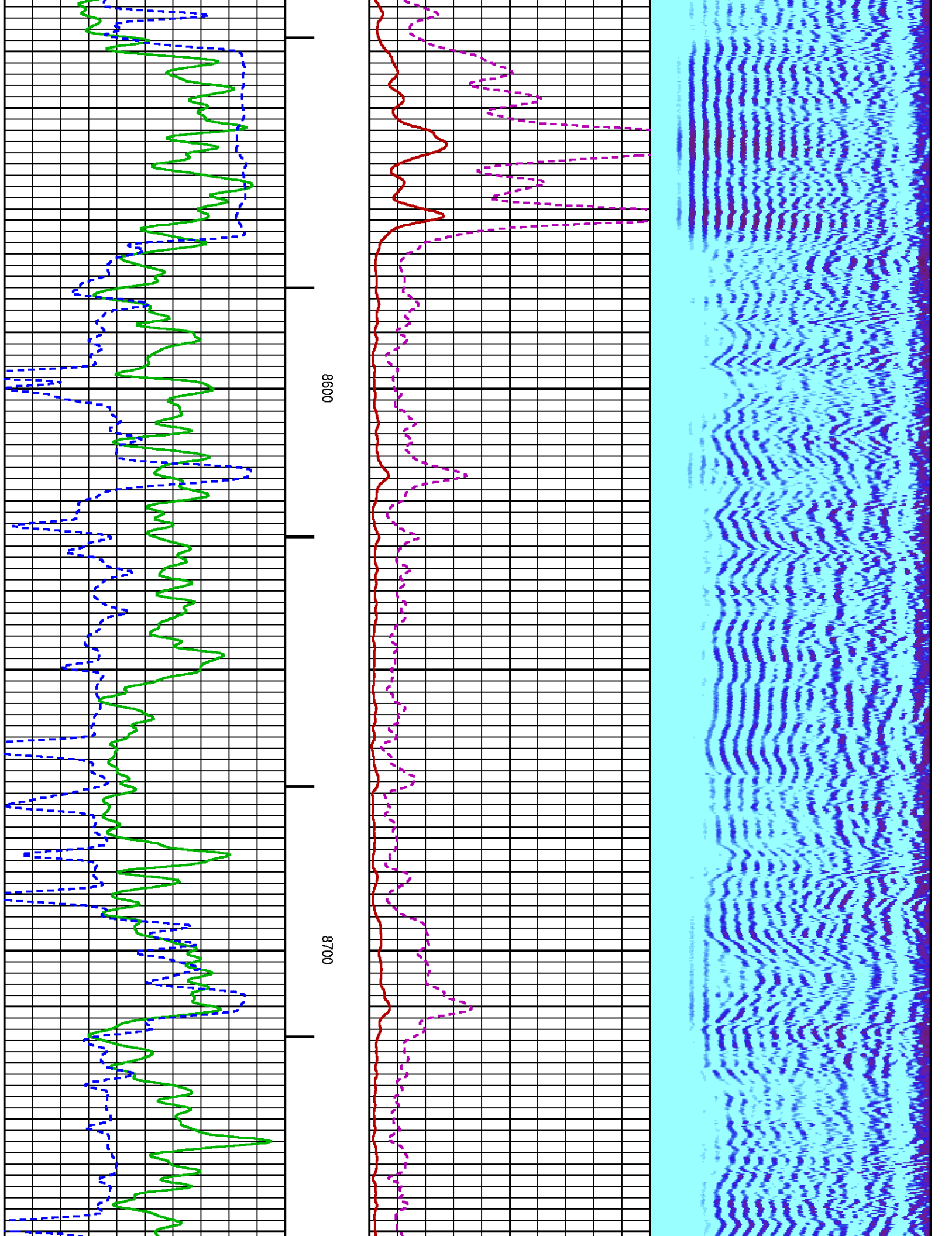


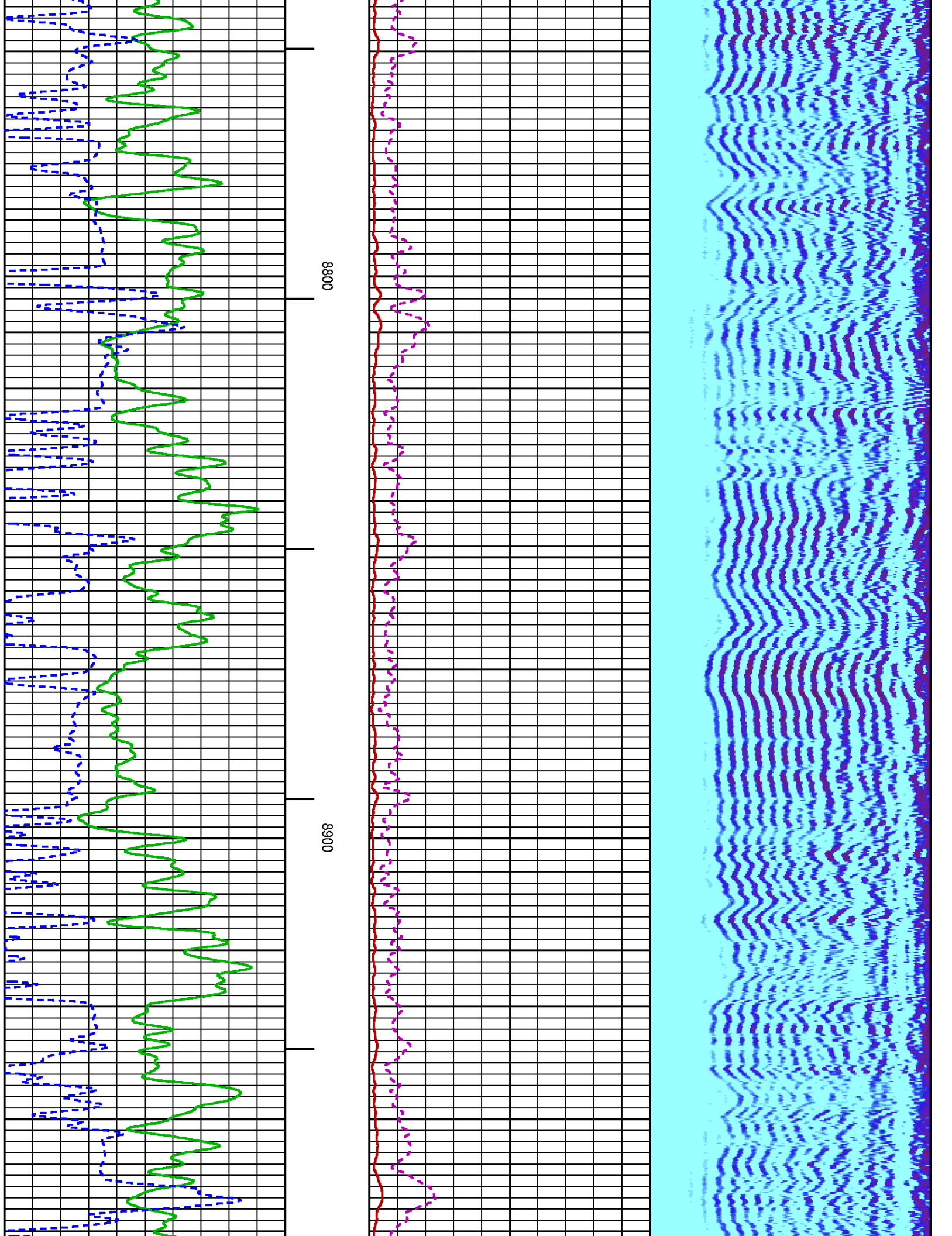


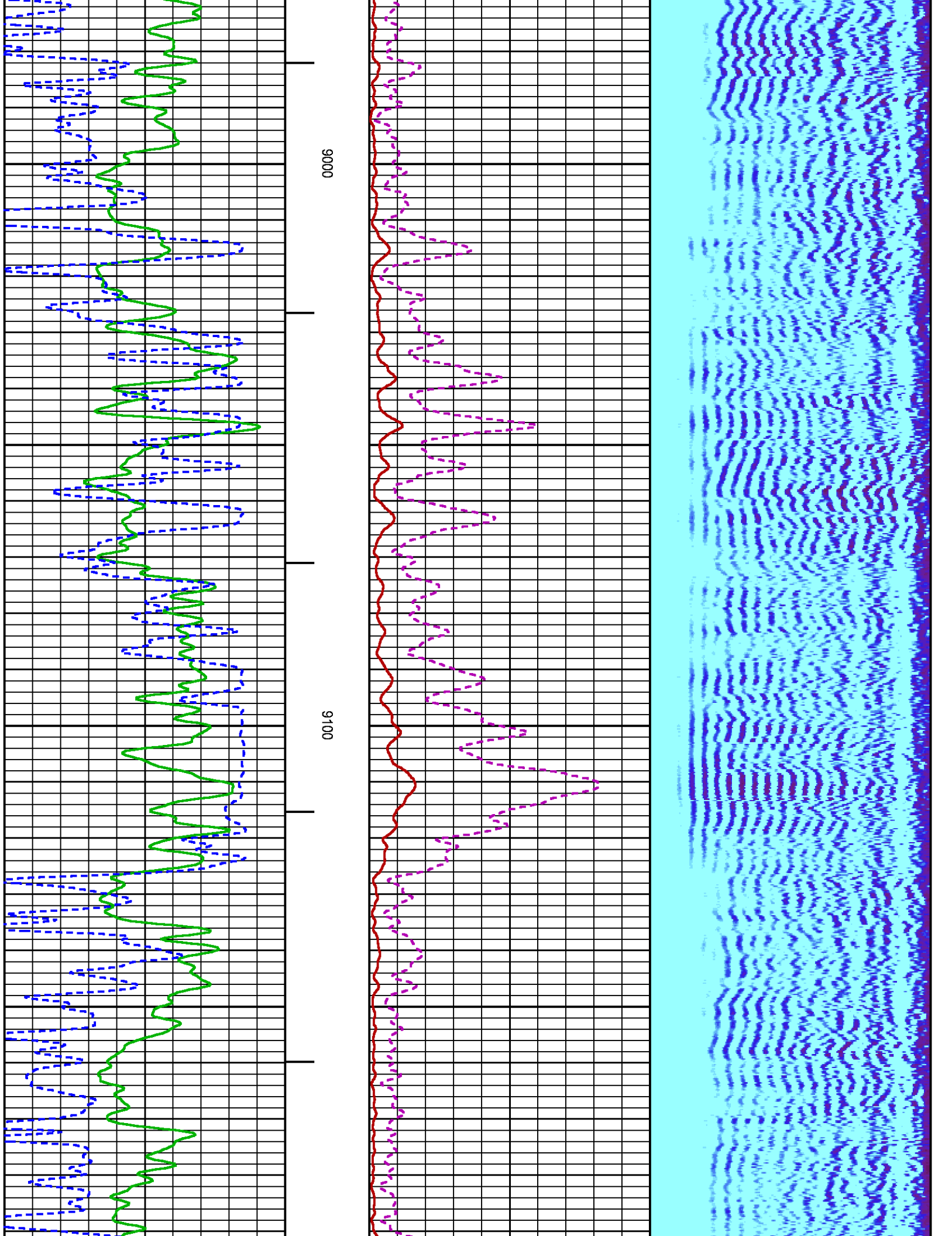


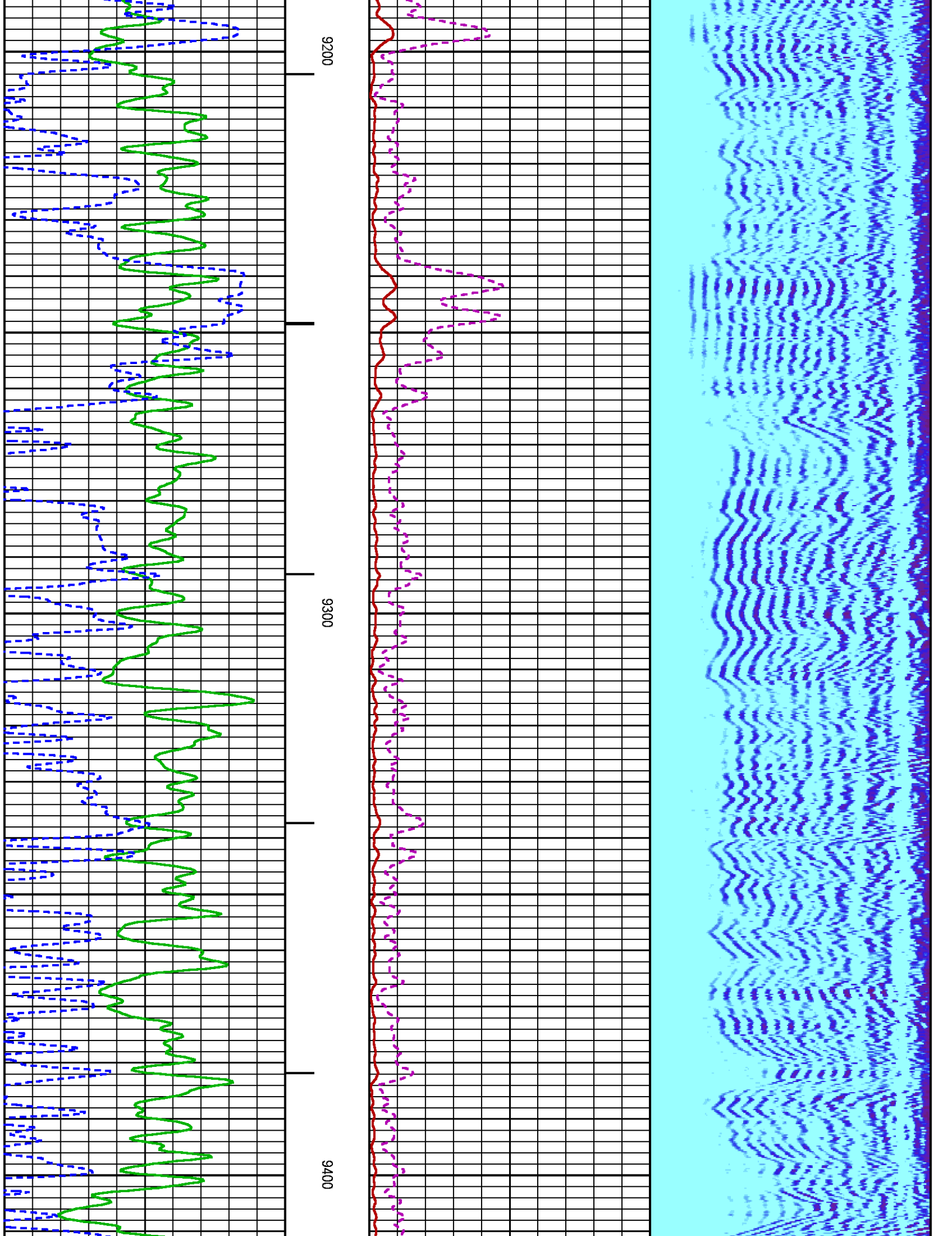


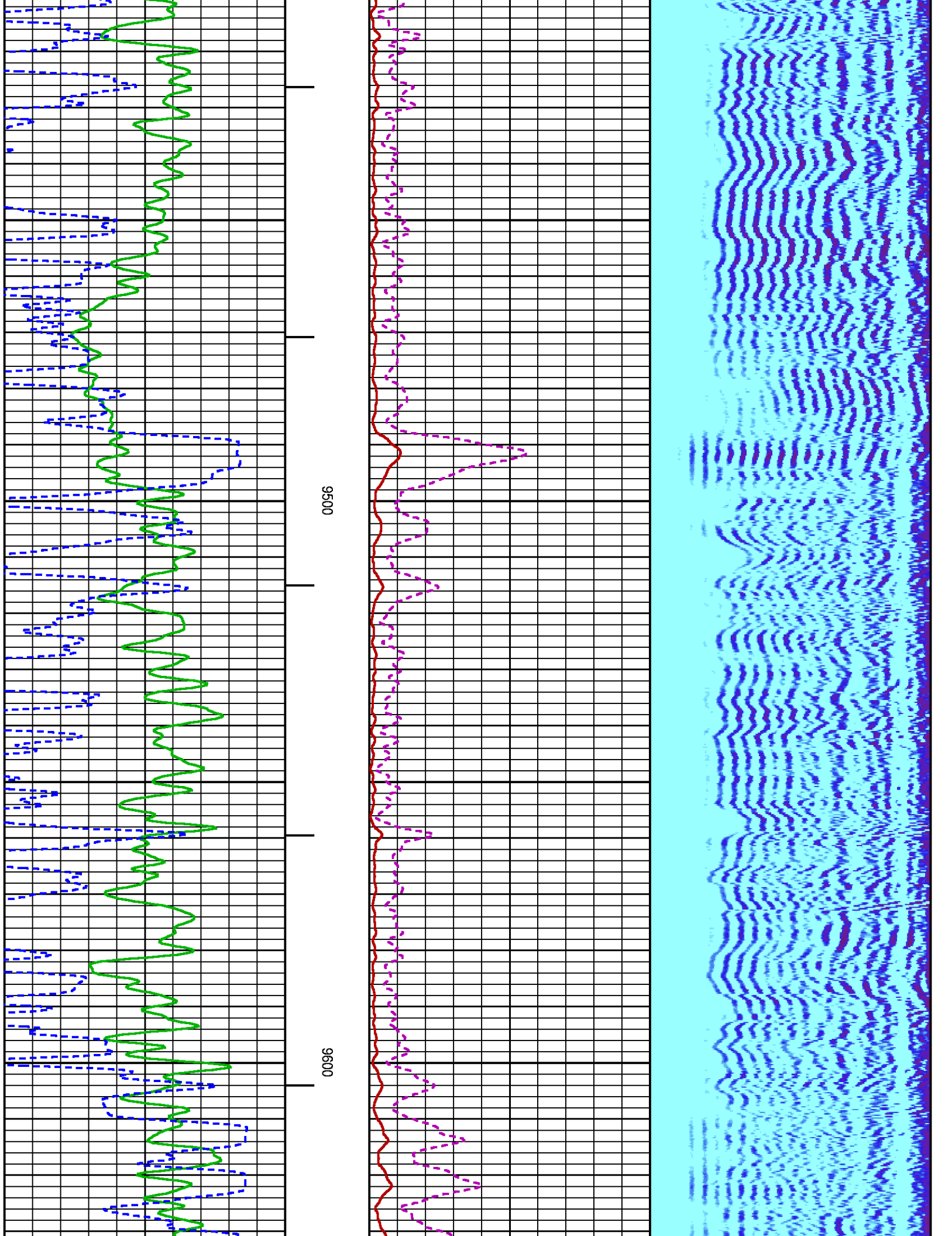


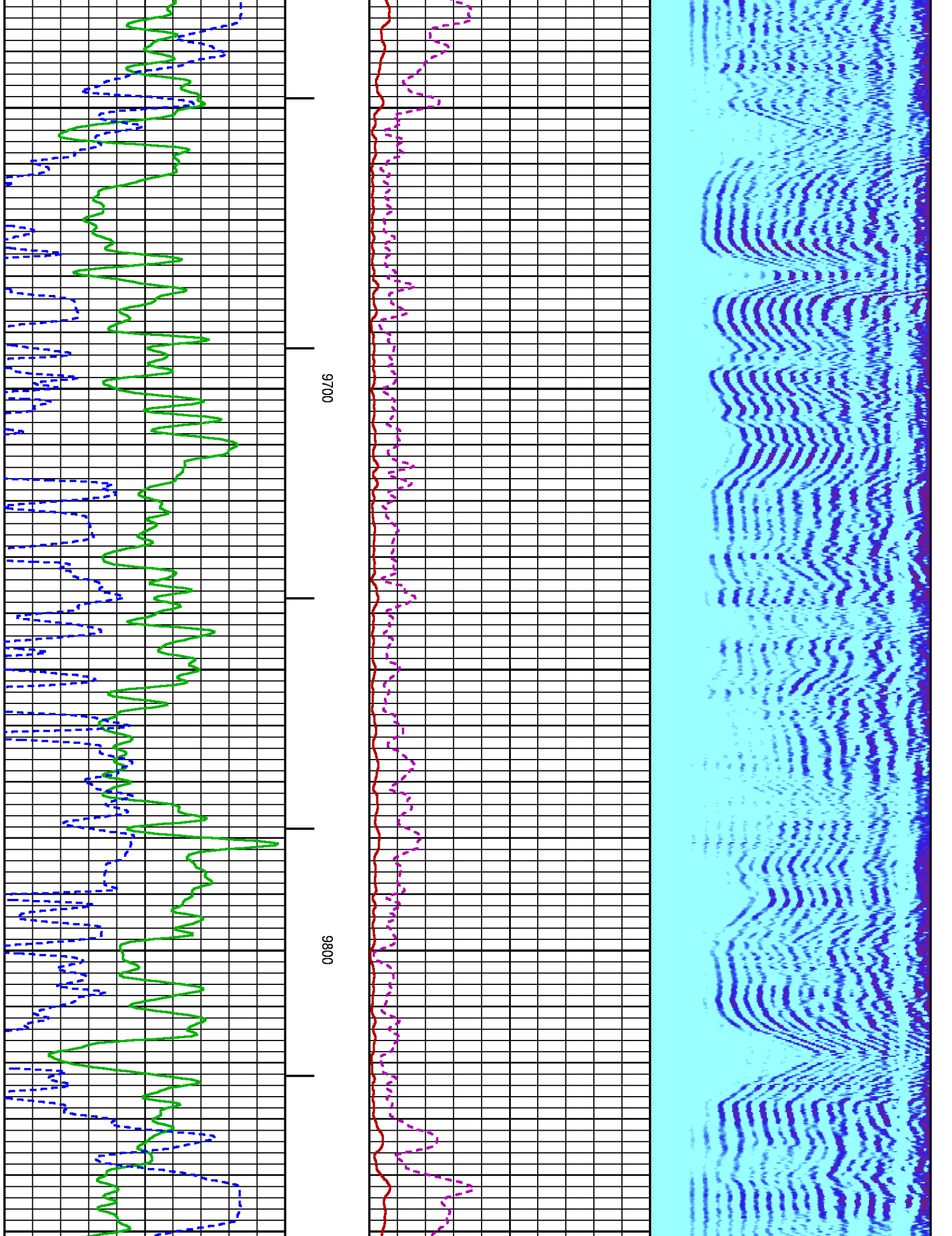


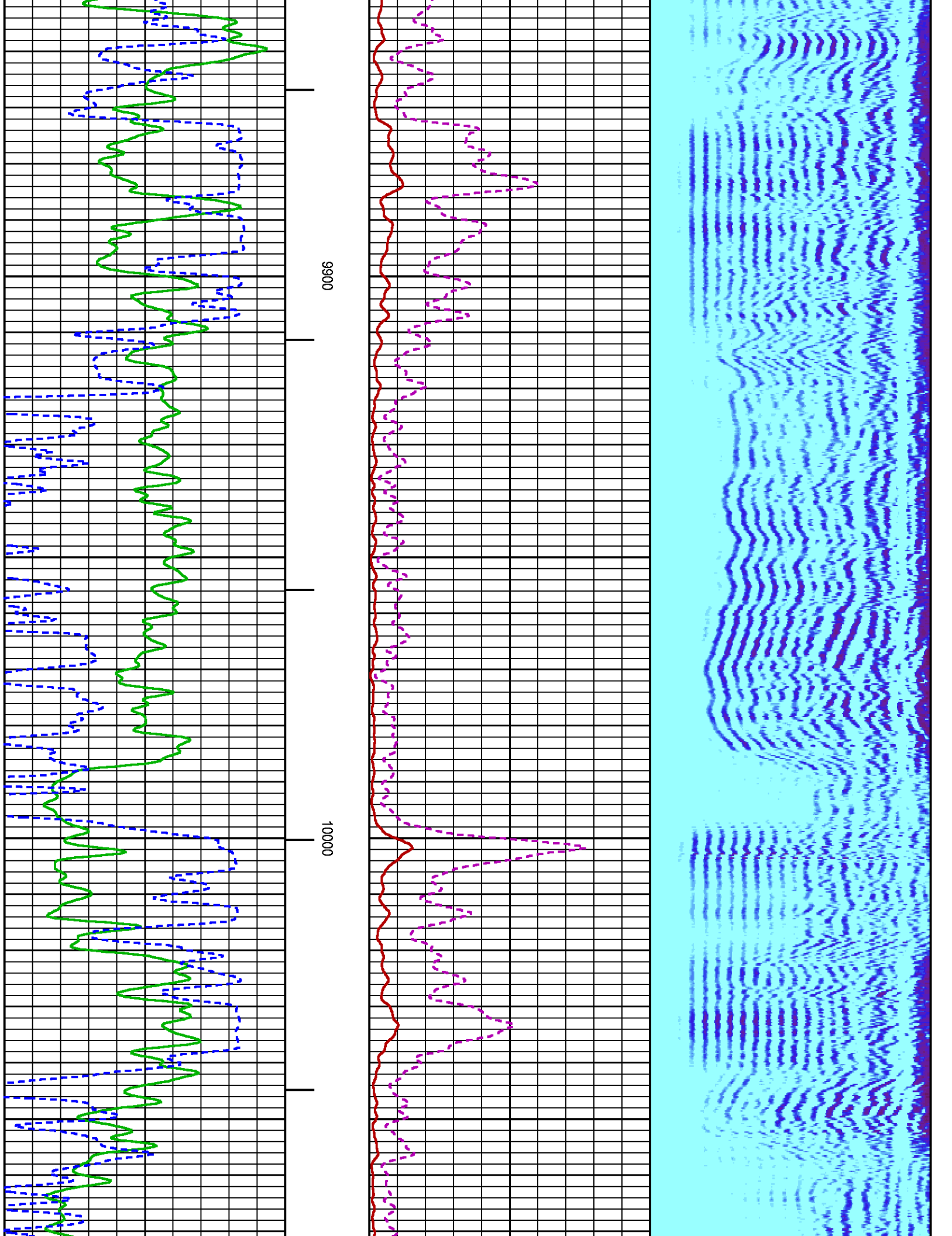


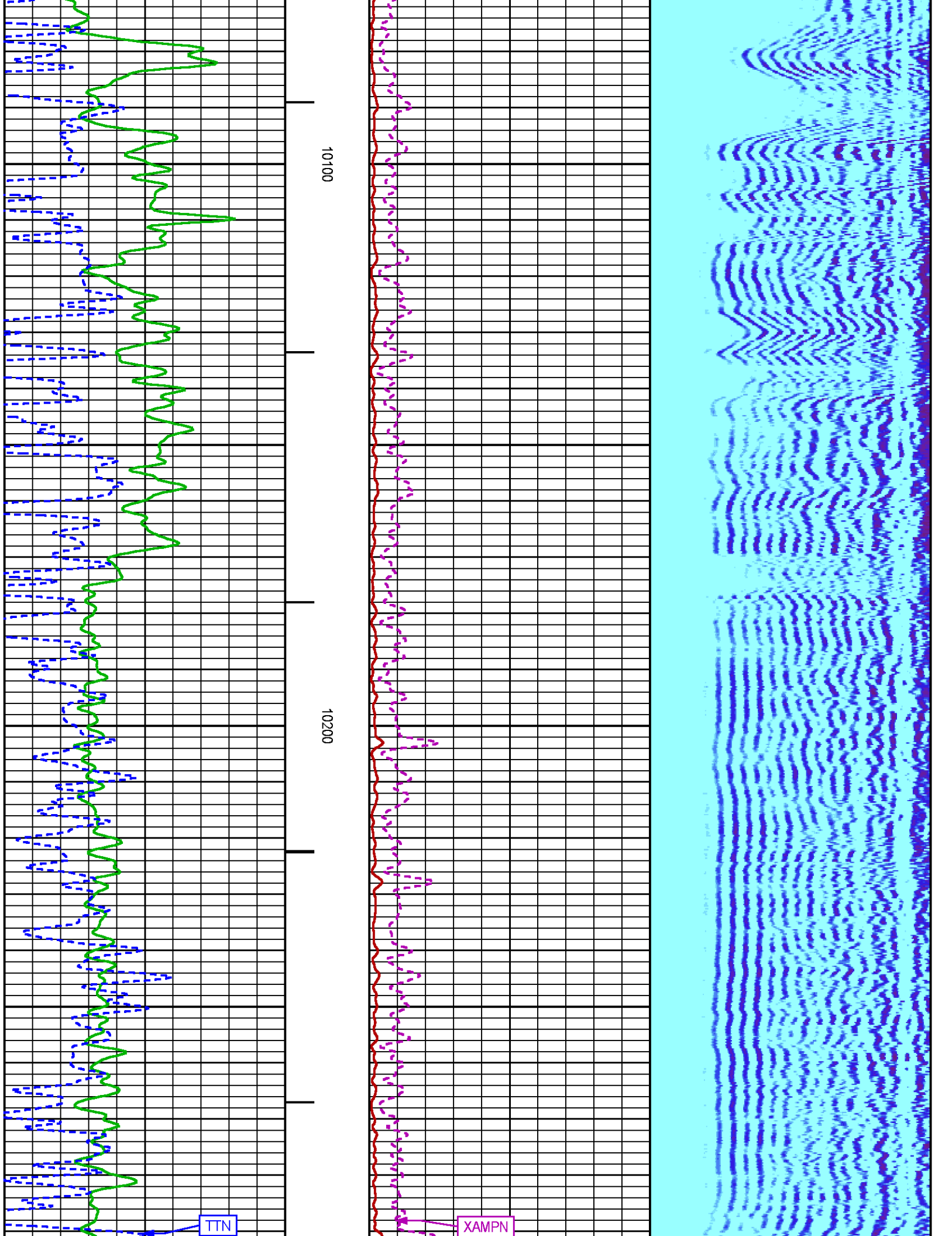


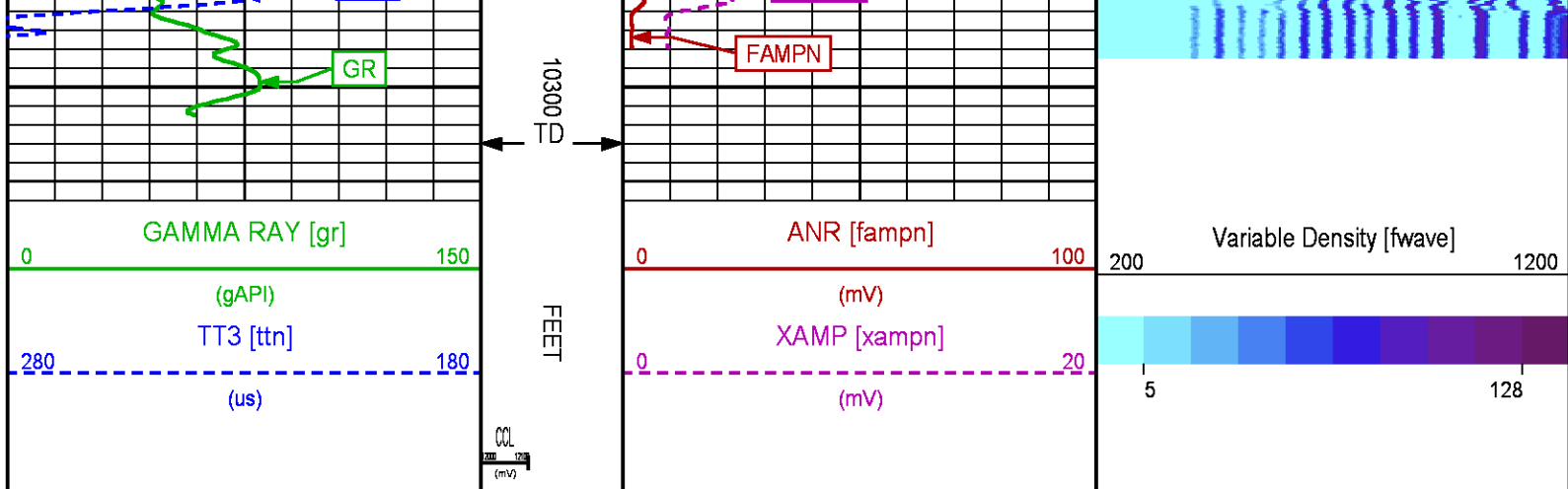












SECONDARY PRESENTATION 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1 Patches: 4

Plotted: Wed Feb 11 13:28:29 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH094748/n012eR02.prm
LOGGING MODE: DEPTH 24.500 ft DIRECTION: UP
TOP DEPTH: 24.500 ft BOTTOM DEPTH: 10305.000 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*)	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*)	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*)	-72	us	"	"
	TOOL DELAY (str2*)	-72	us	"	"
	TOOL DELAY (str3*)	-72	us	"	"
	TOOL DELAY (str4*)	-72	us	"	"

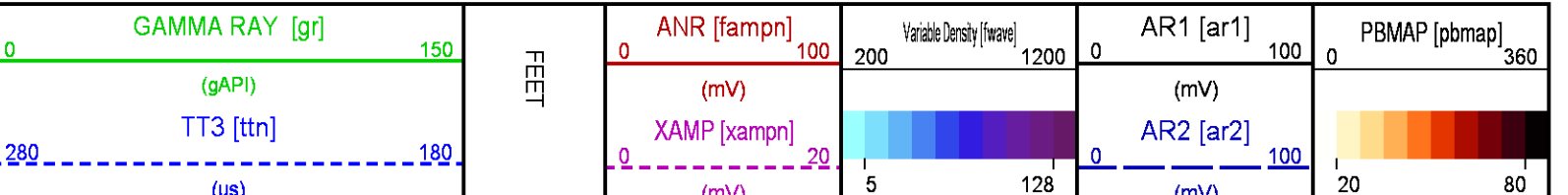
	TOOL DELAY (str4*)	-72	us	"	"
	TOOL DELAY (str5*)	-72	us	"	"
	TOOL DELAY (str6*)	-72	us	"	"
	TOOL DELAY (str7*)	-72	us	"	"
	TOOL DELAY (str8*)	-72	us	"	"
	TOOL DELAY (strn*)	-72	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

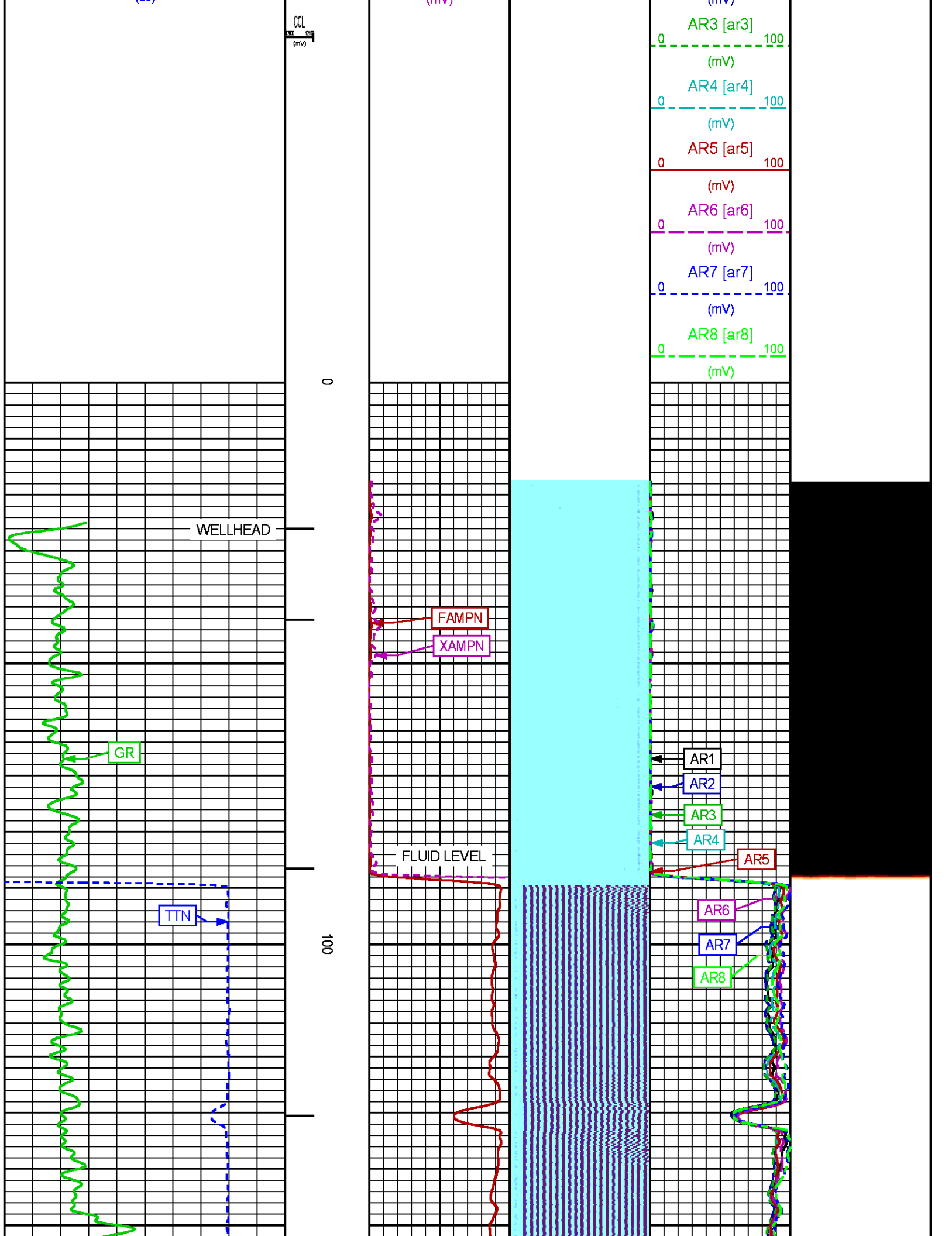
PERCENT BOND CEMENT MAP					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
RAL FREE PIPE AMPLITUDE	FREE AMP REC 1	80	mV	TOP	BOTTOM
	FREE AMP REC 2	80	mV	"	"
	FREE AMP REC 3	80	mV	"	"
	FREE AMP REC 4	80	mV	"	"
	FREE AMP REC 5	80	mV	"	"
	FREE AMP REC 6	80	mV	"	"
	FREE AMP REC 7	80	mV	"	"
	FREE 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	"	"

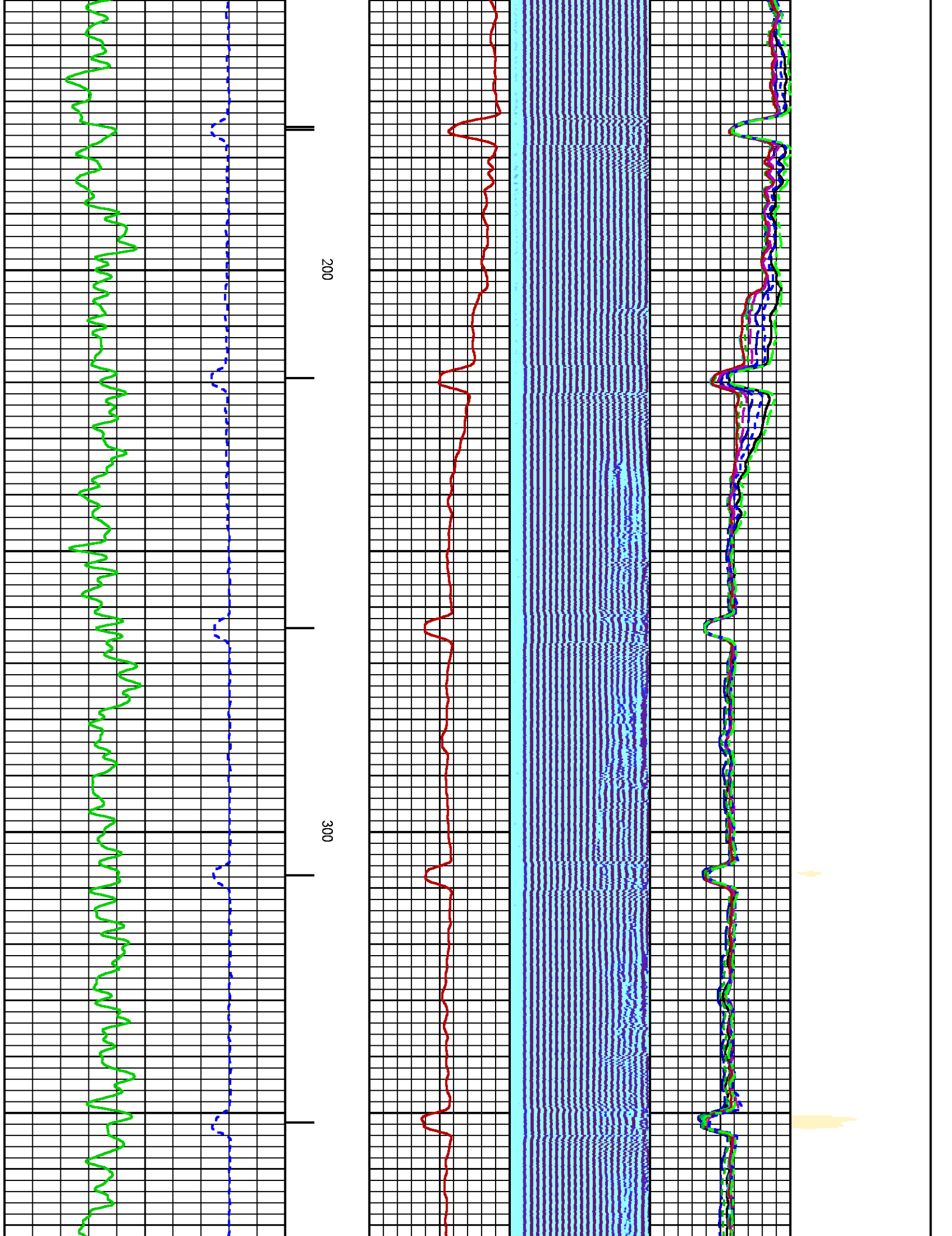
CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Feb 11 12:06:41 2015	CASING COLLAR LOCATOR
F1:FAMPN	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Feb 11 12:06:41 2015	FAR WAVE FORM
F1:GR	Feb 11 12:06:41 2015	GAMMA RAY
F1:PBMAP	Feb 11 12:06:41 2015	PERCENT BOND CEMENT MAP
F1:TTN	Feb 11 12:06:41 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Feb 11 12:06:41 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

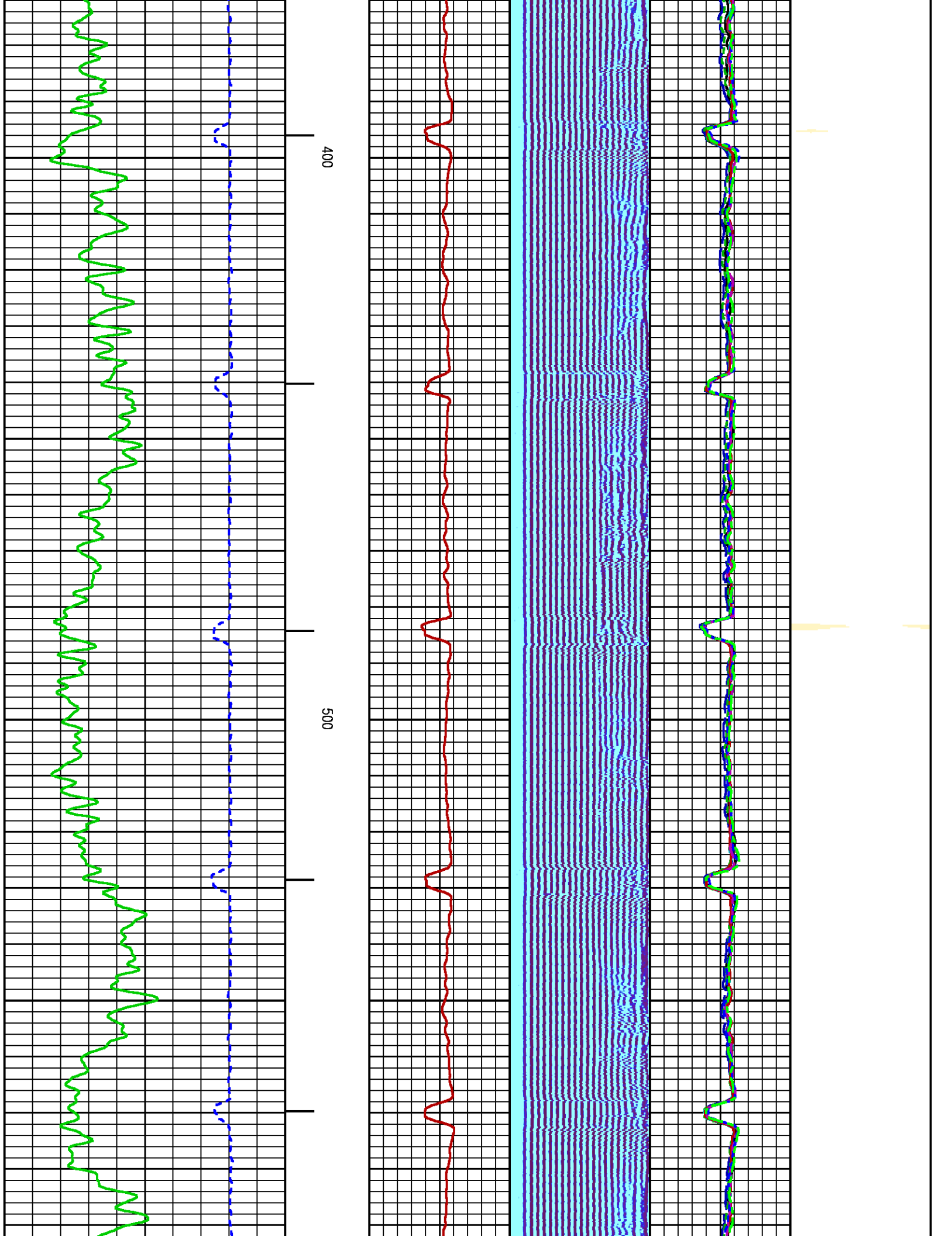
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		
AR4	13.75	AR8	13.75	TTN	13.75		

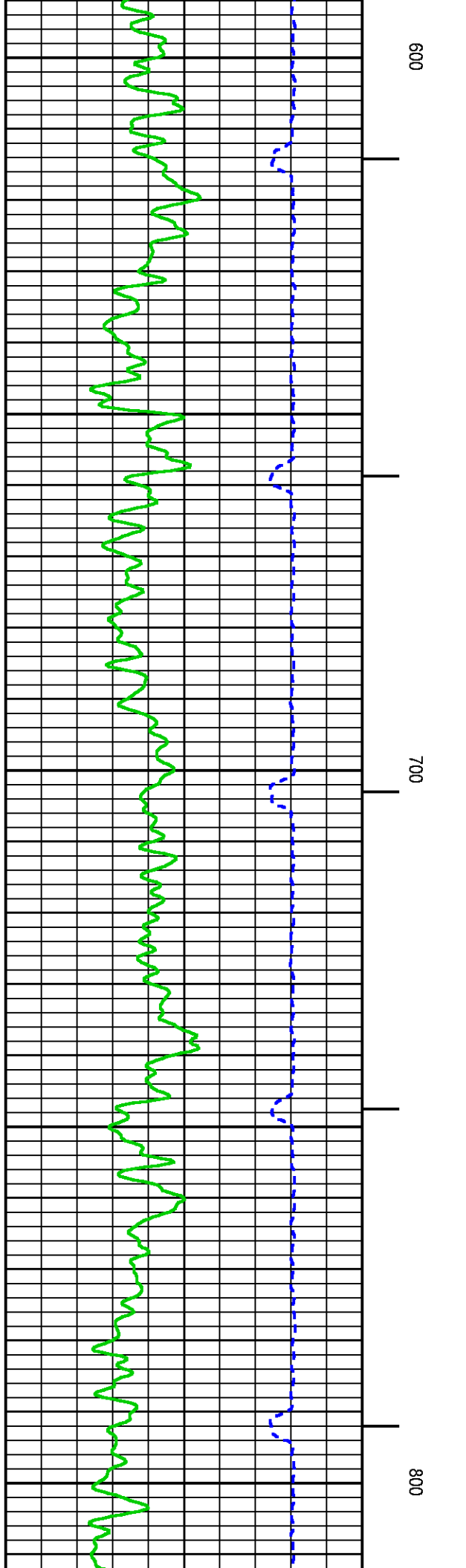
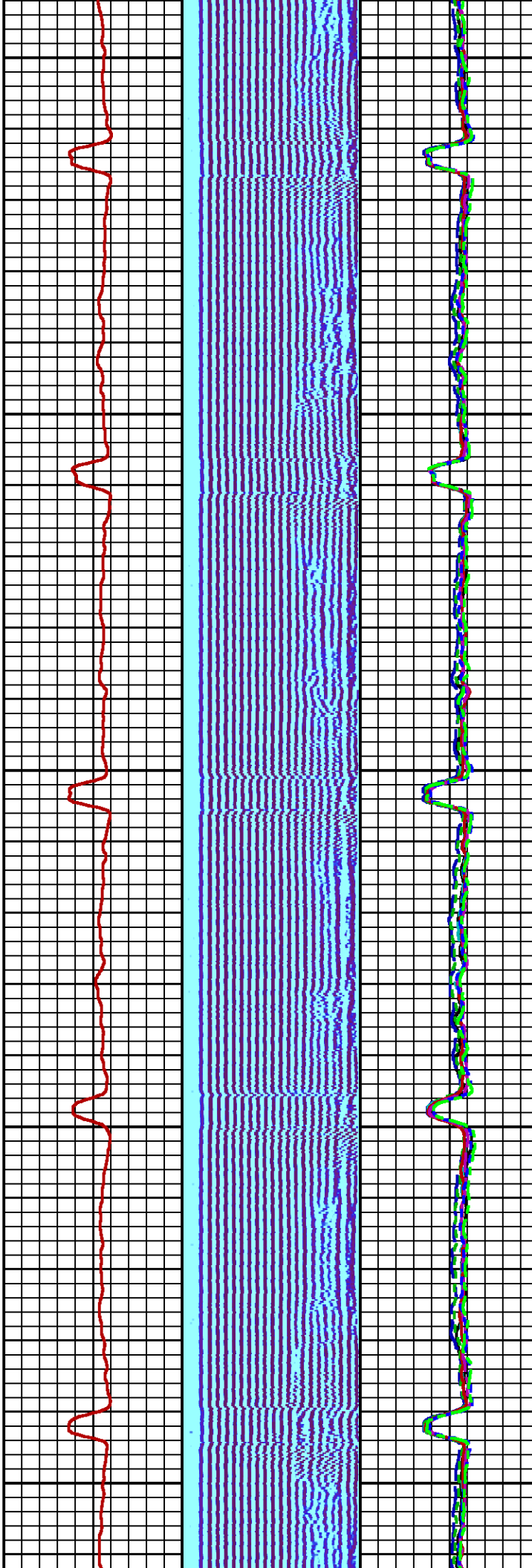
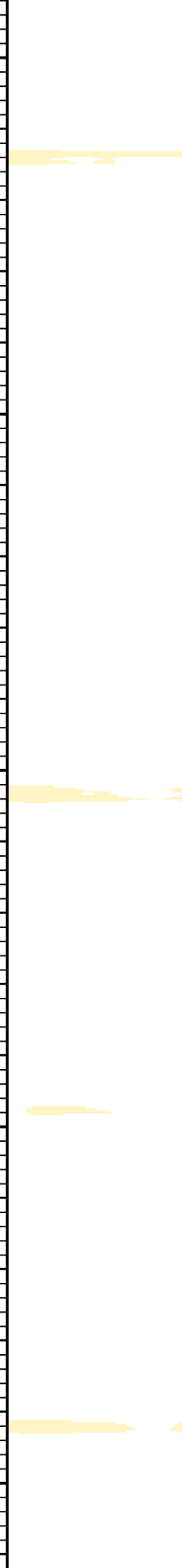
Presentation	: HL6670:/dat1a/CH094748/41CBL_SECONDARY.fvpdf [5"/100' Scale]
Plot Interval	: 0 - 10311 Feet
Data File 1	: F1 : HL6670:/dat1a/CH094748/41CBL_MAIN.xtf
Created On	: Feb 11 12:06:41 2015
Company	: WPX ENERGY
Well	: YOUNBERG RU 41-7
Field	: RULISON
File Interval	: 16.5 - 10310.8 Feet
OCT	: n012e

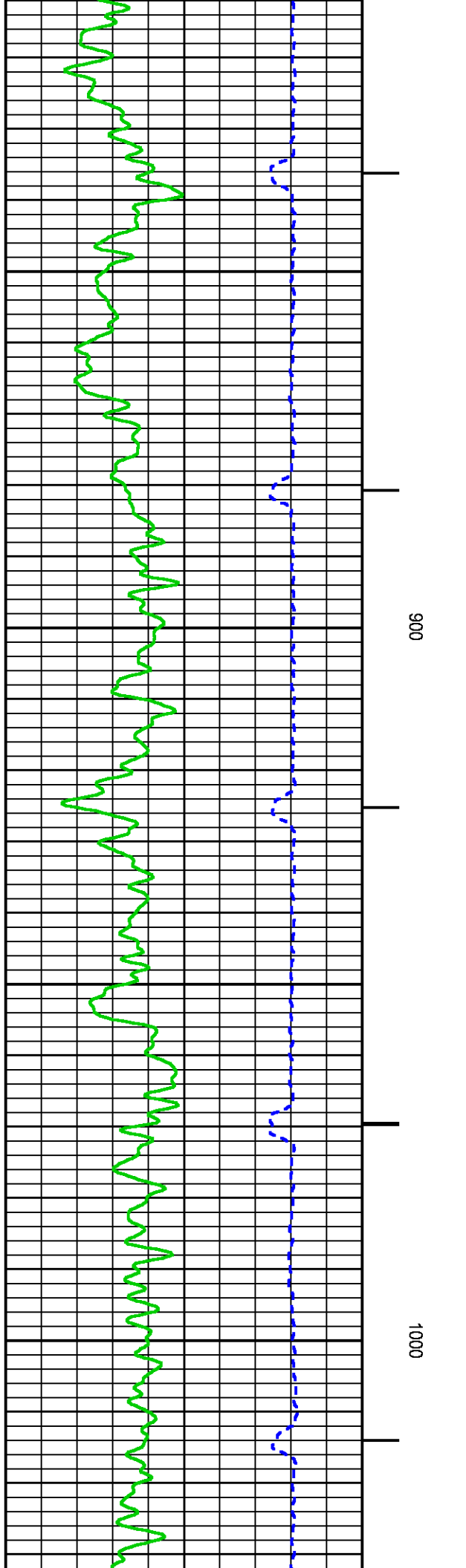
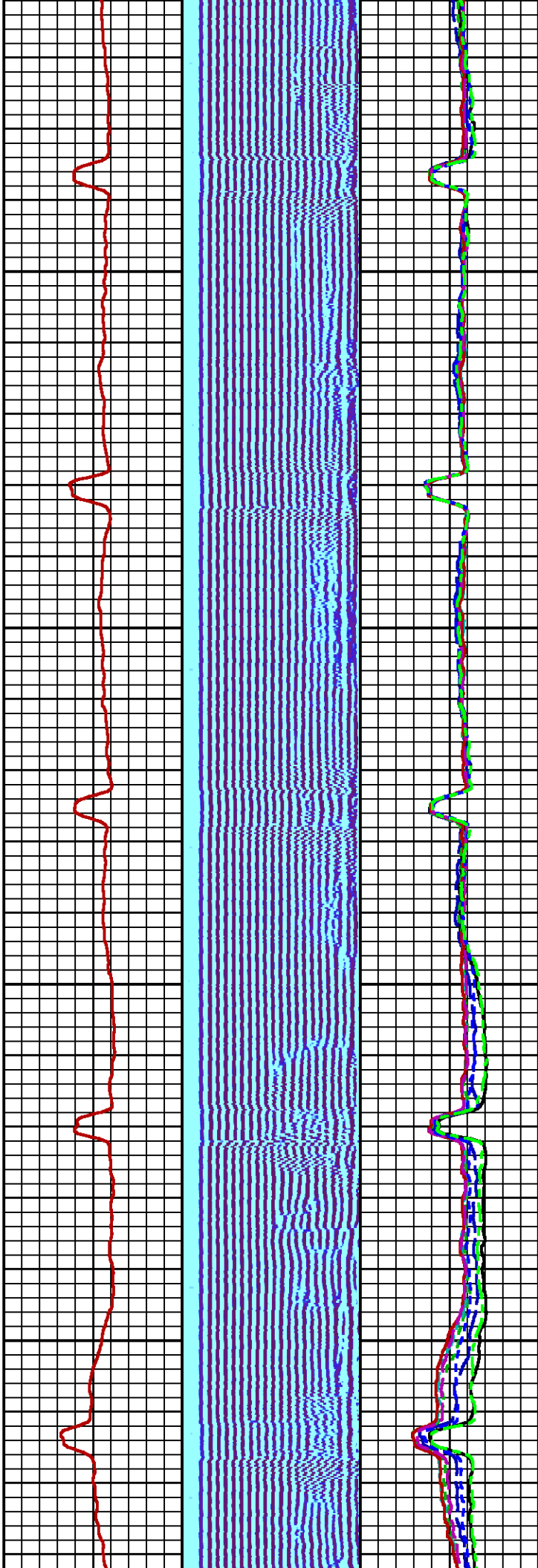






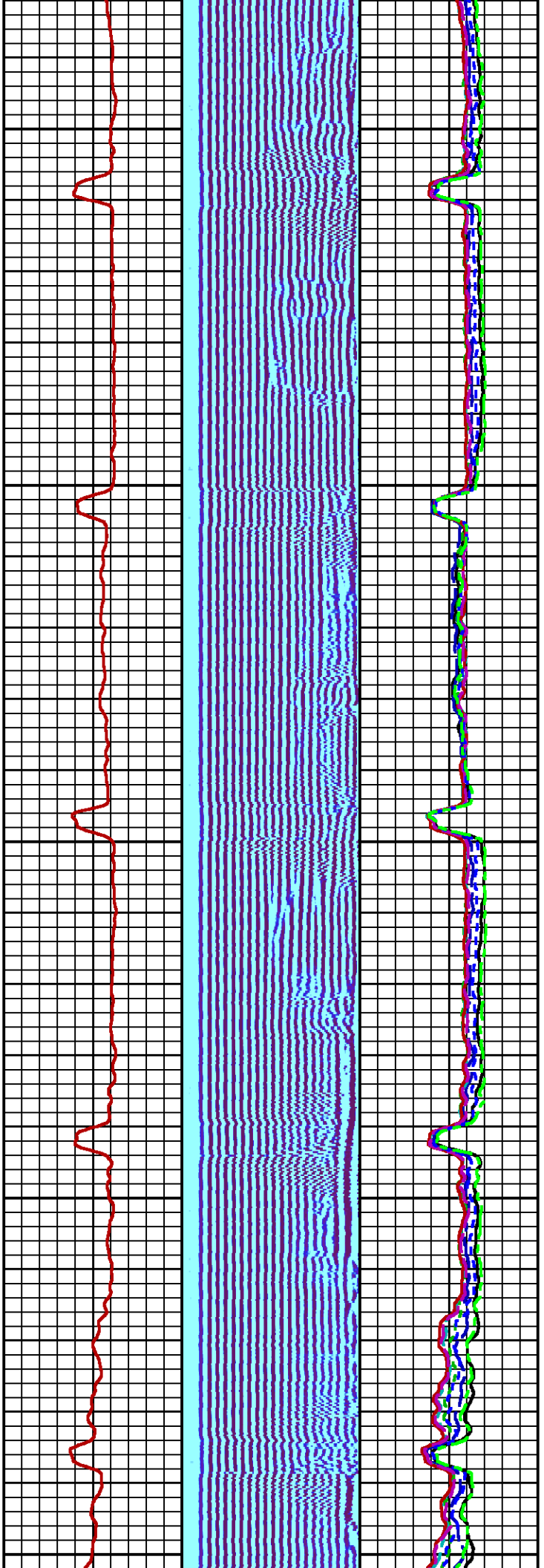






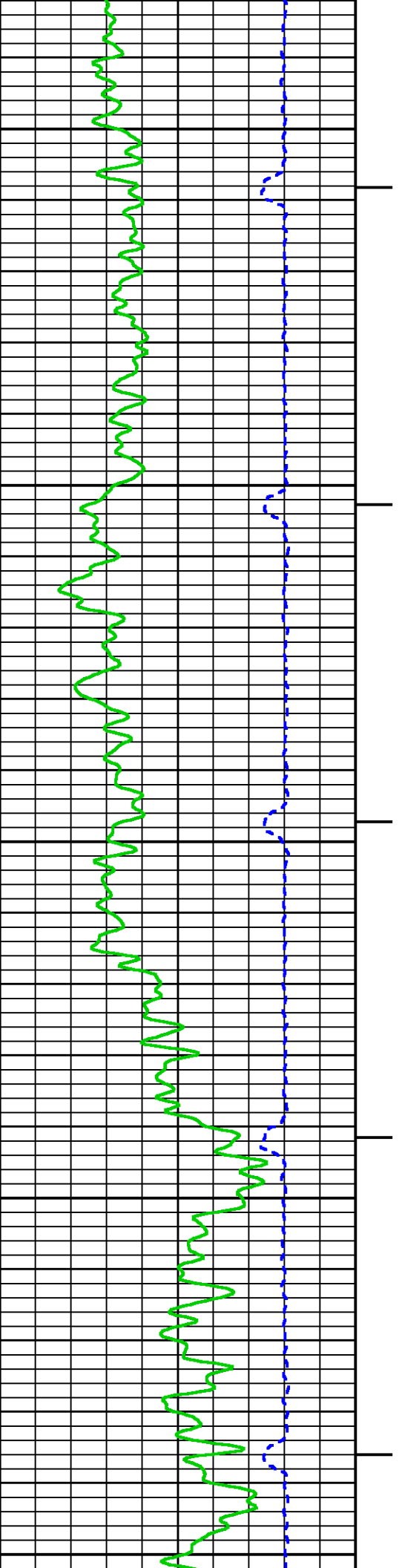
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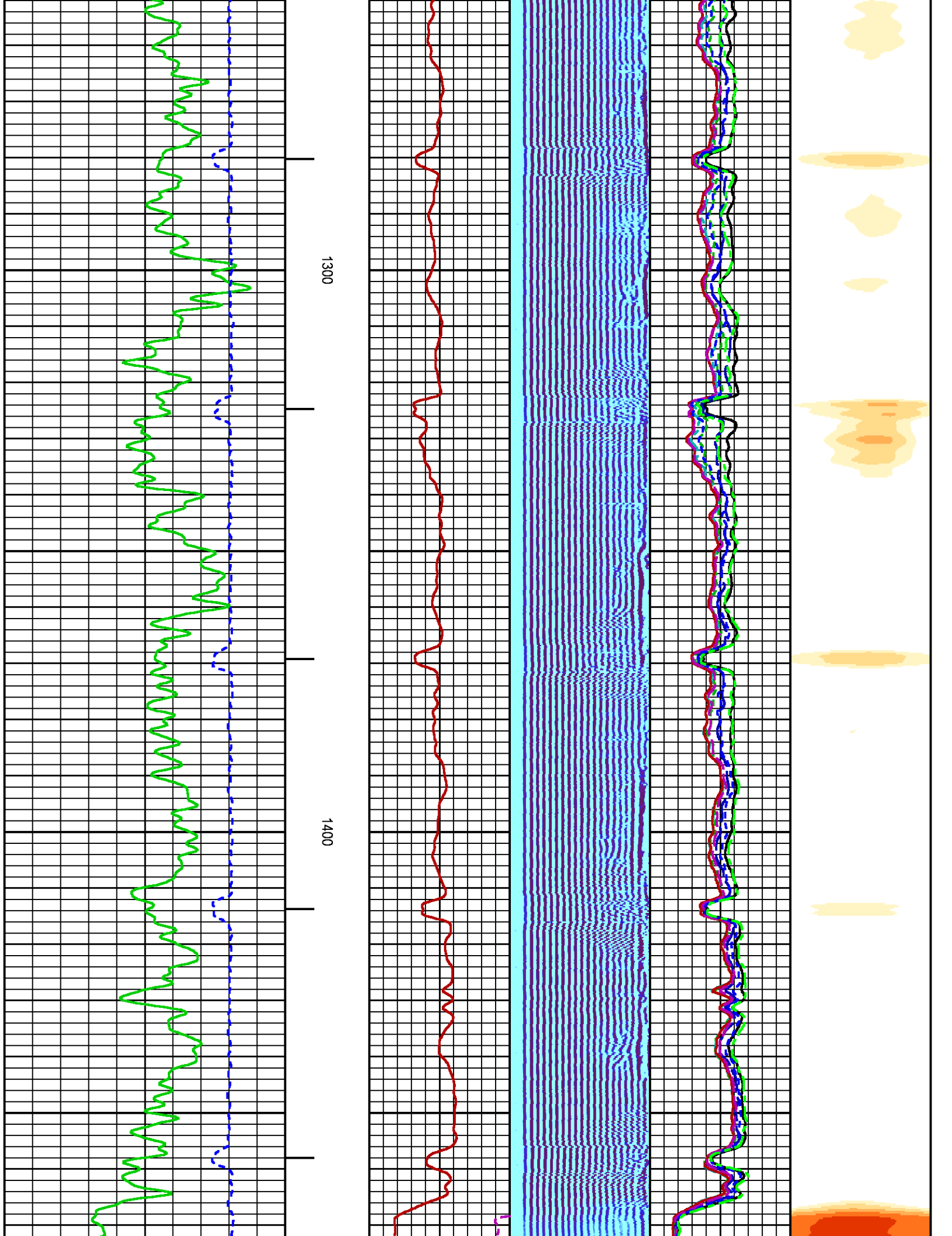
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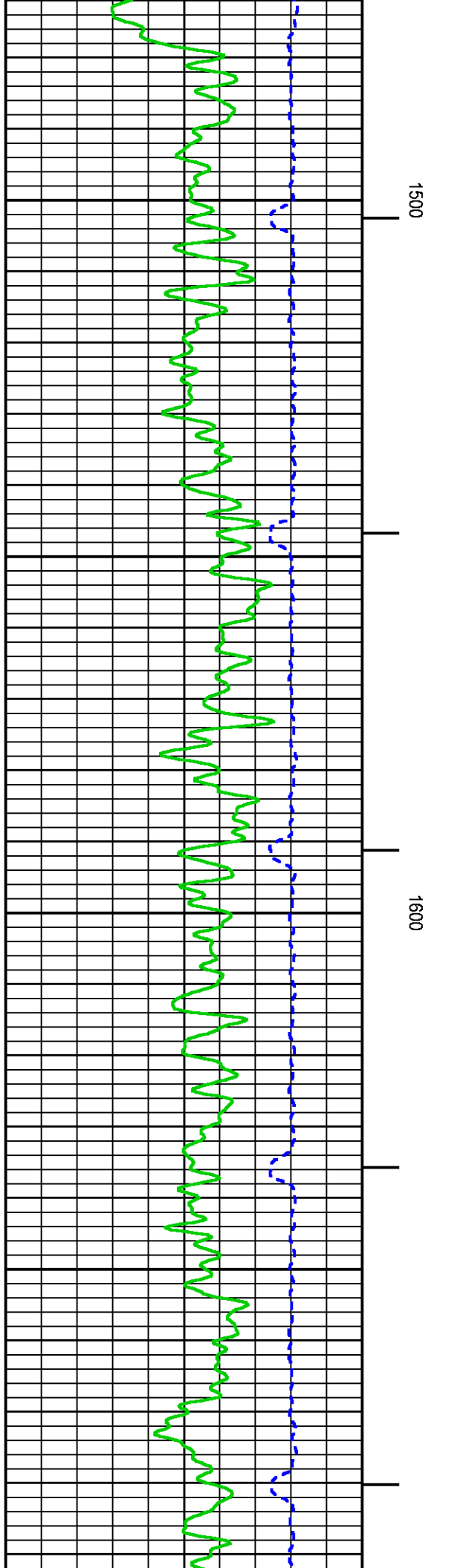
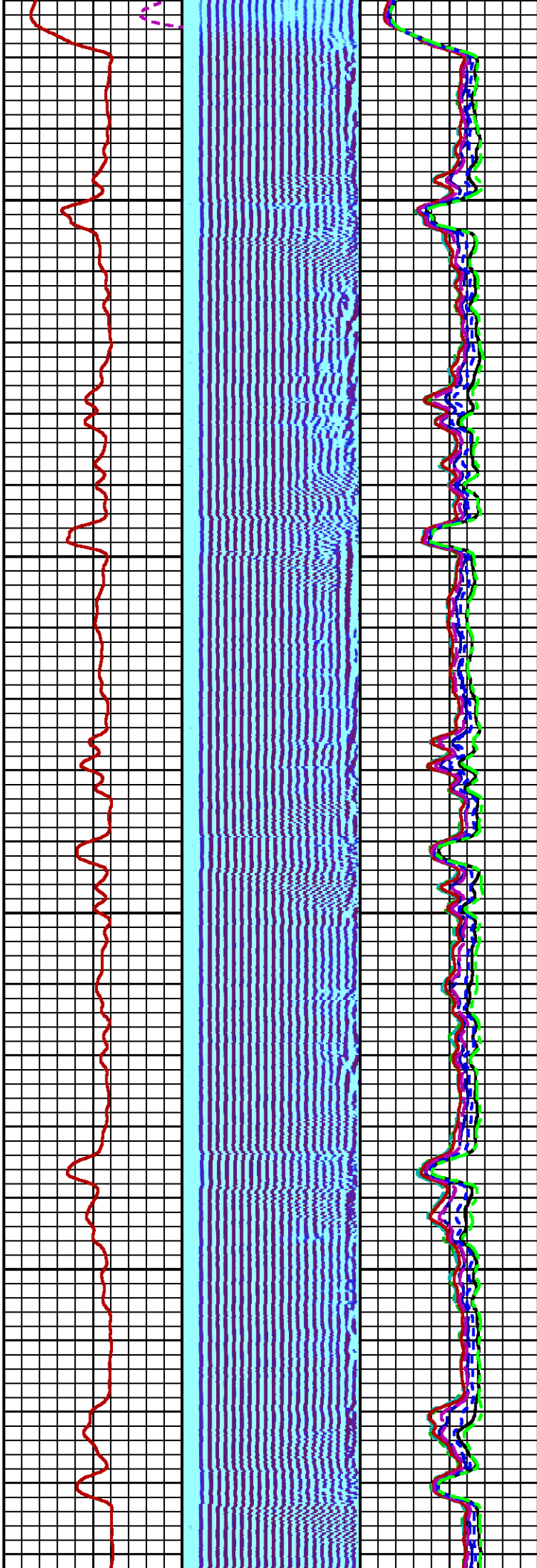


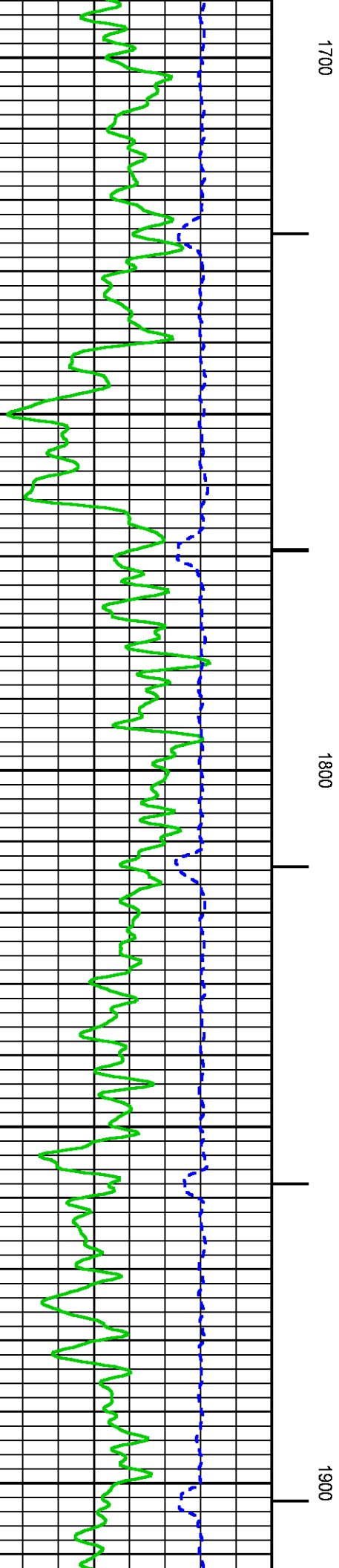
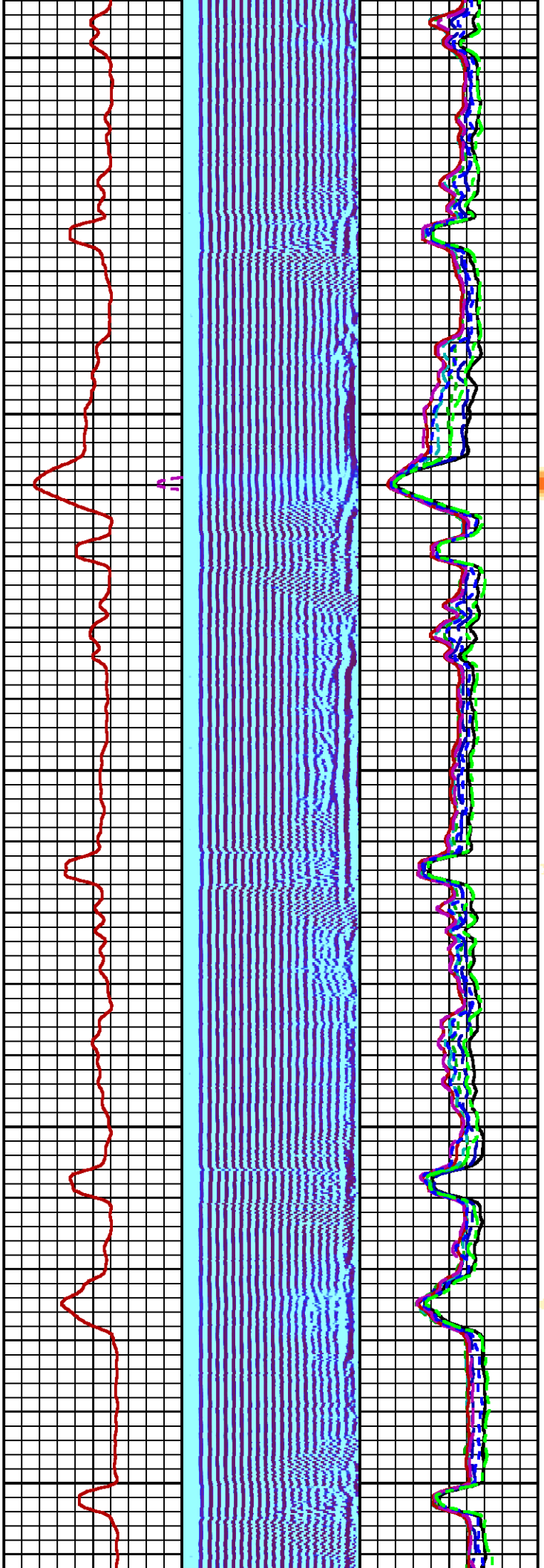
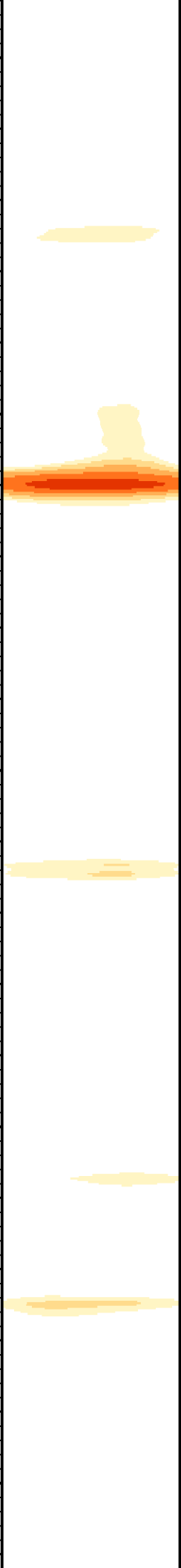
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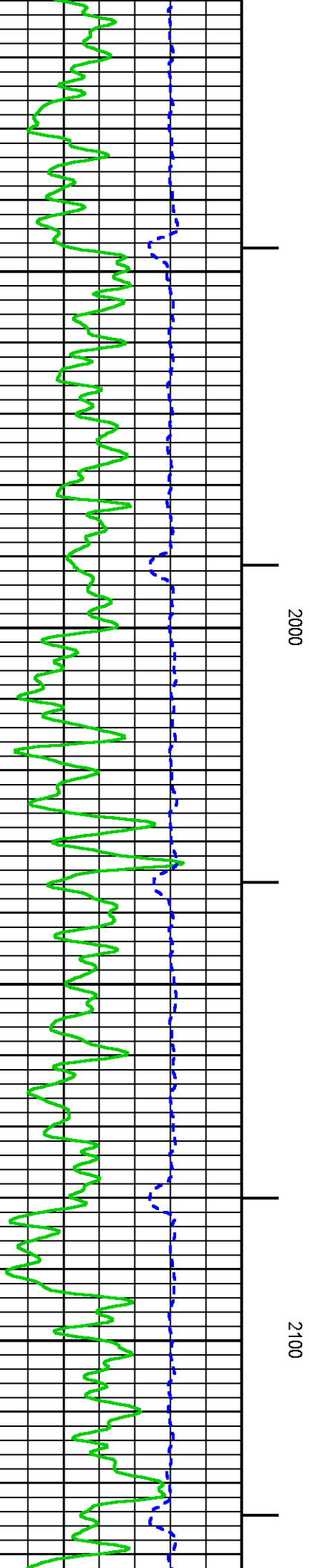
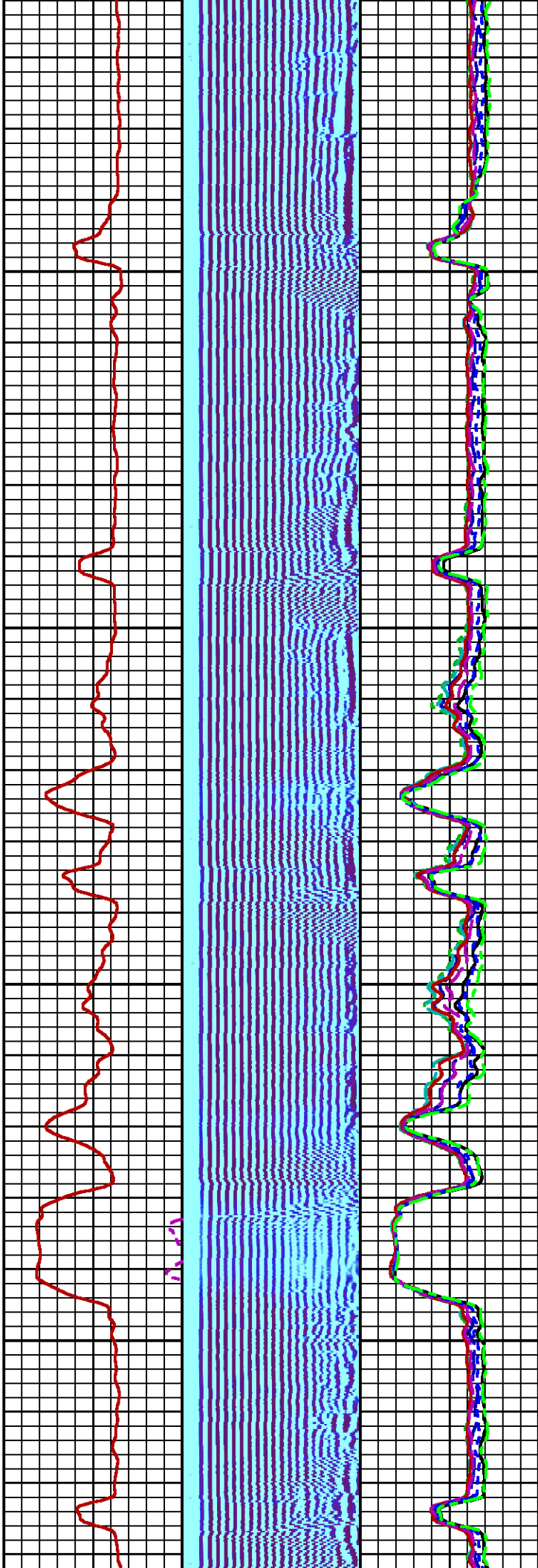
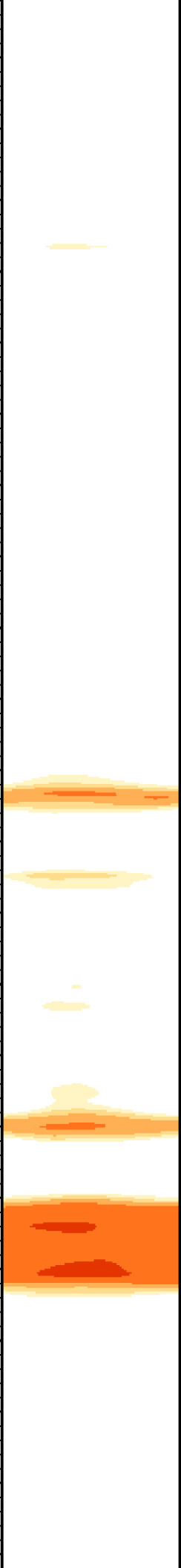
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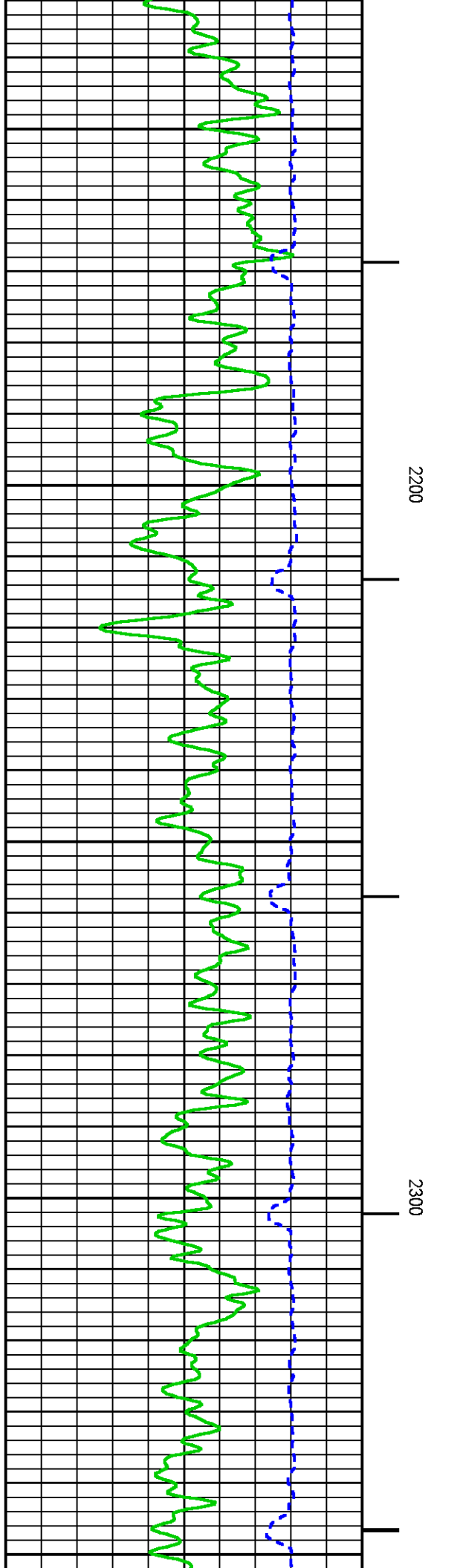
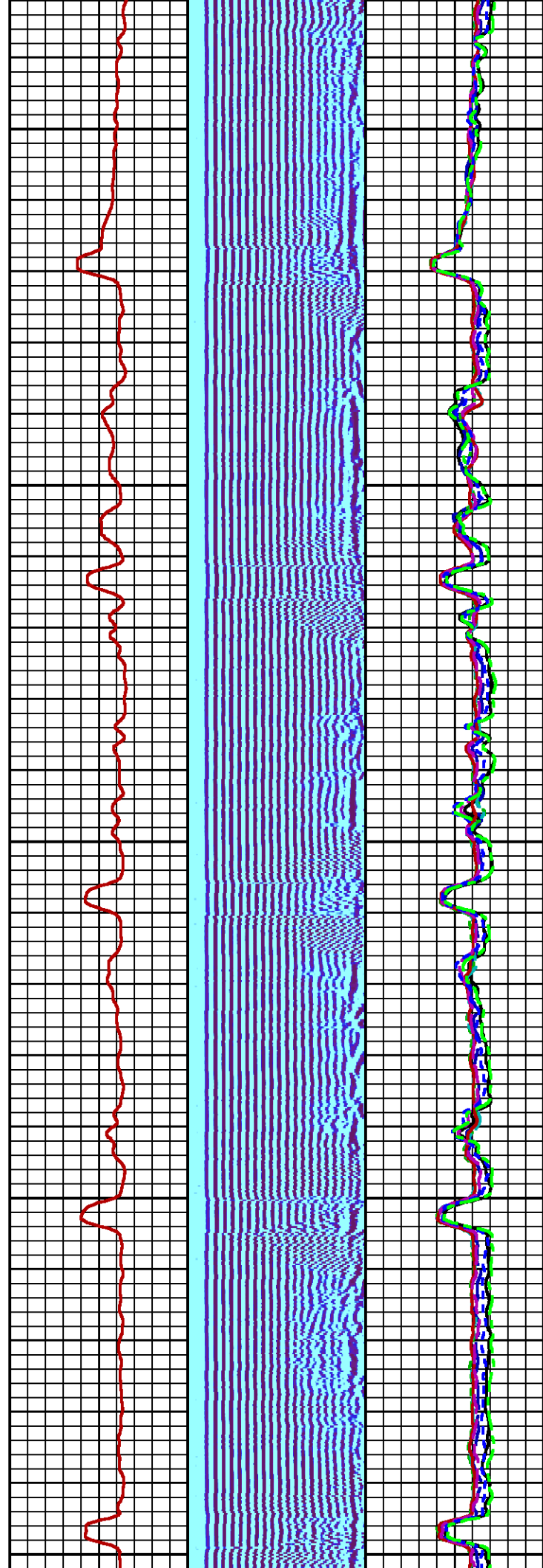


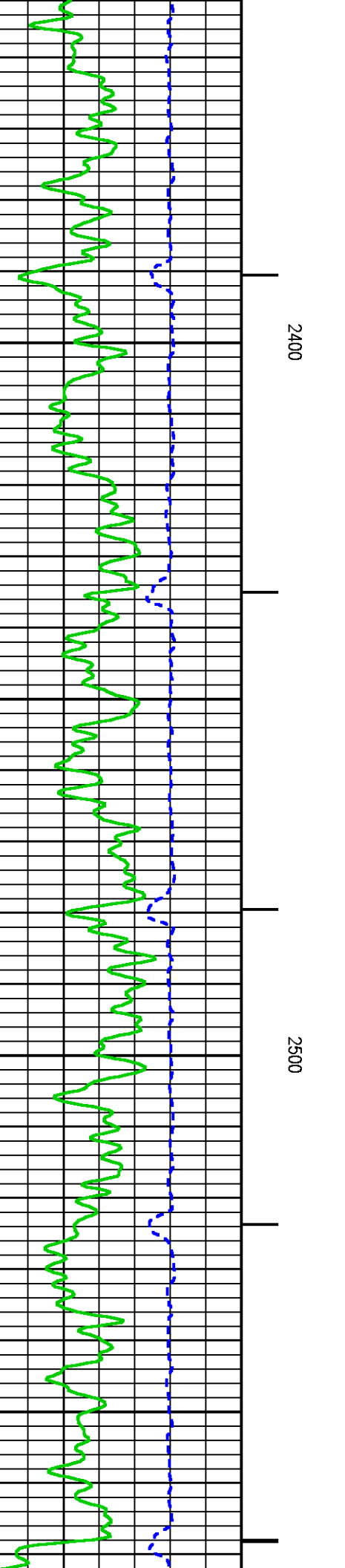
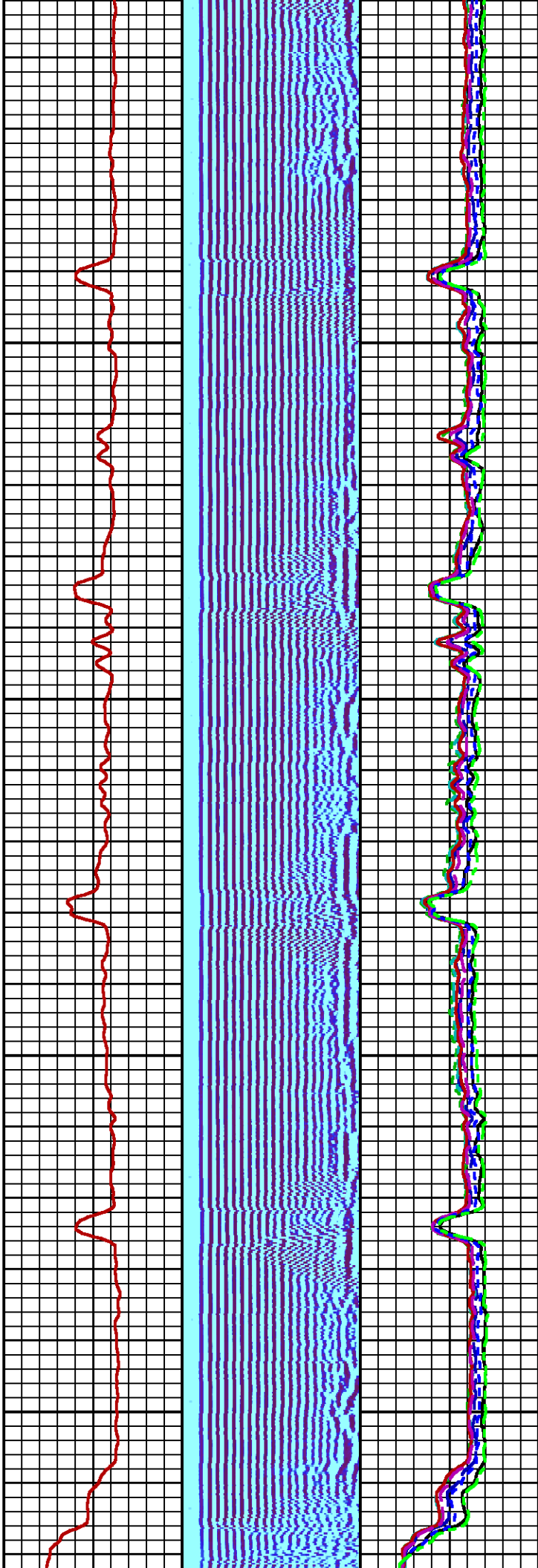
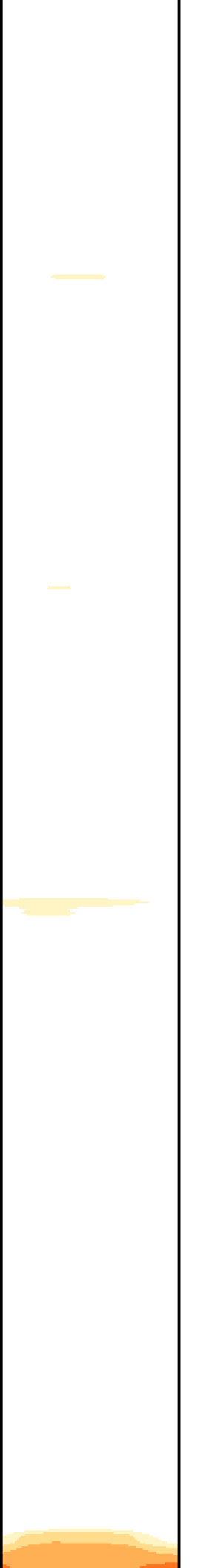


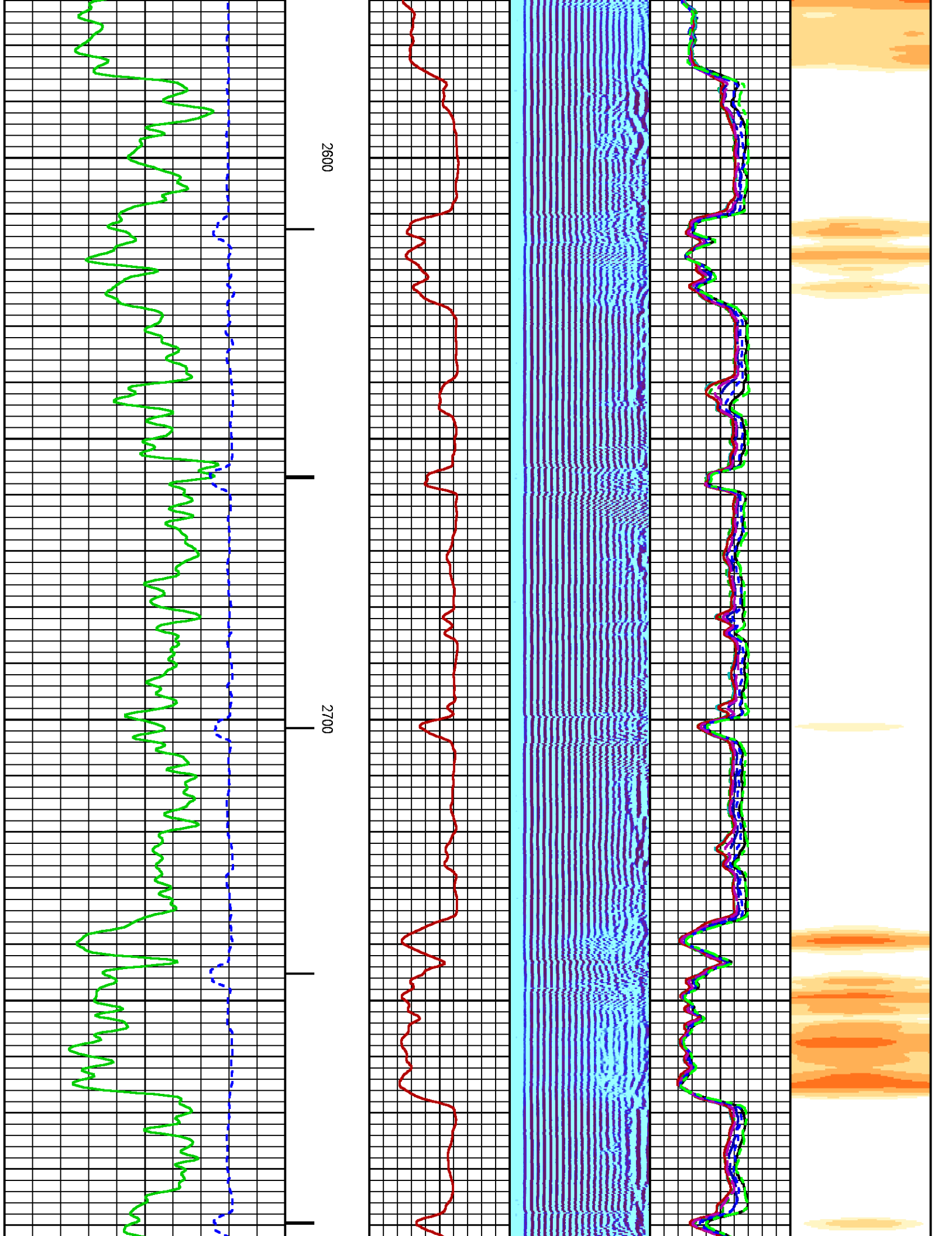


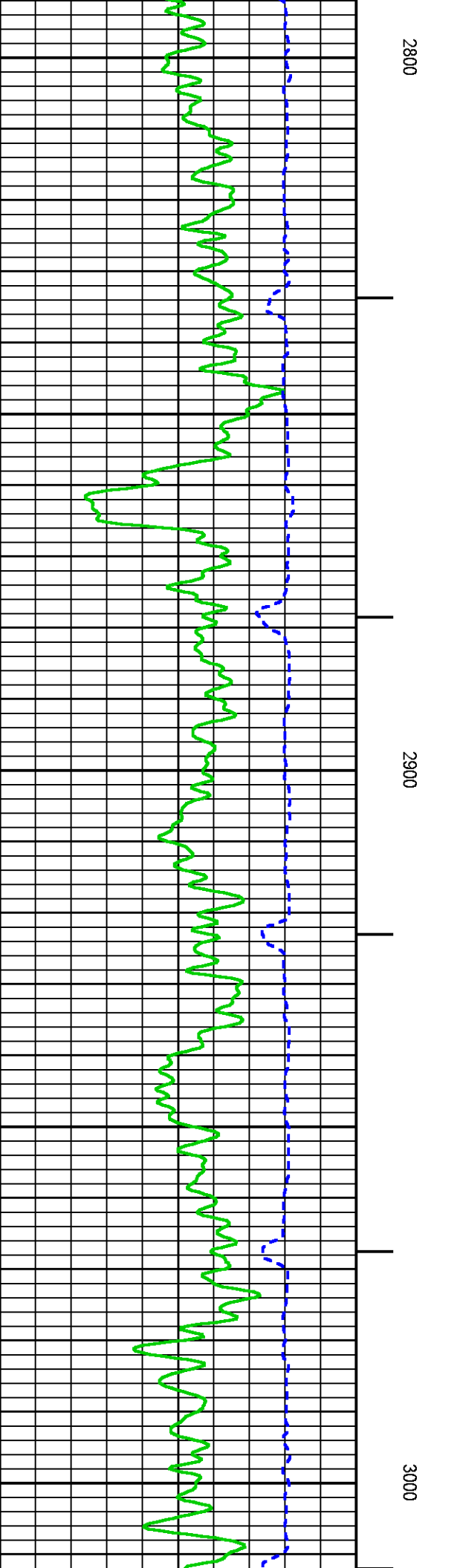
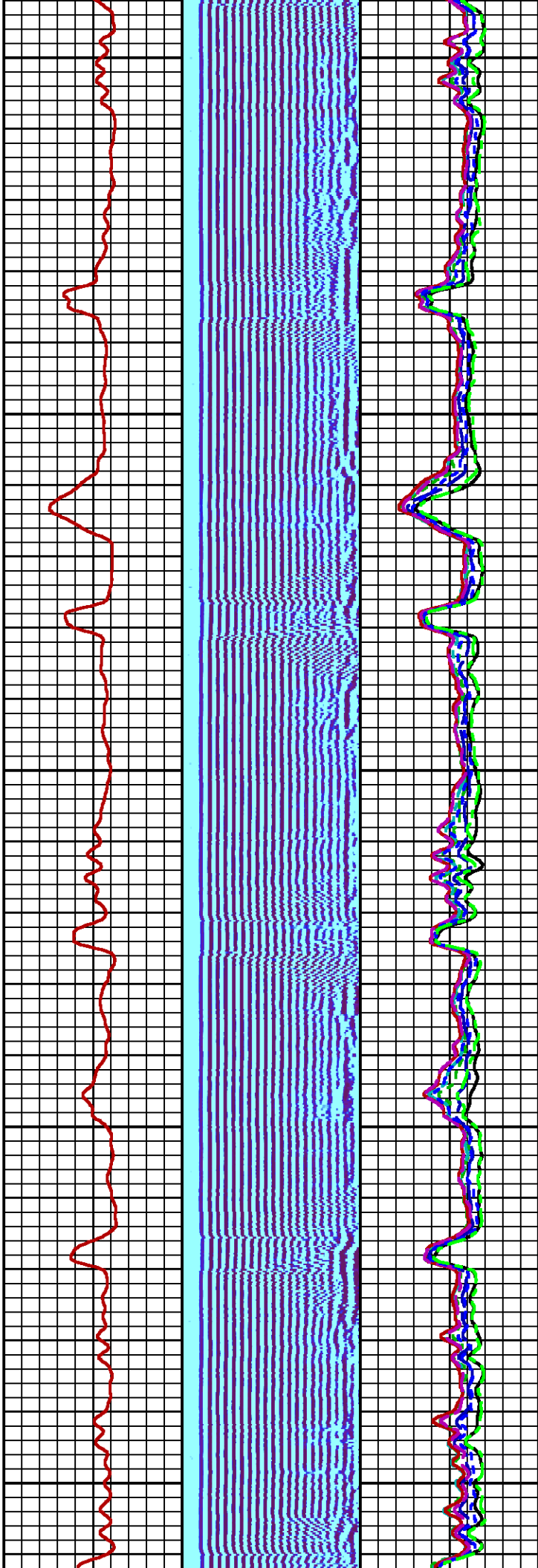
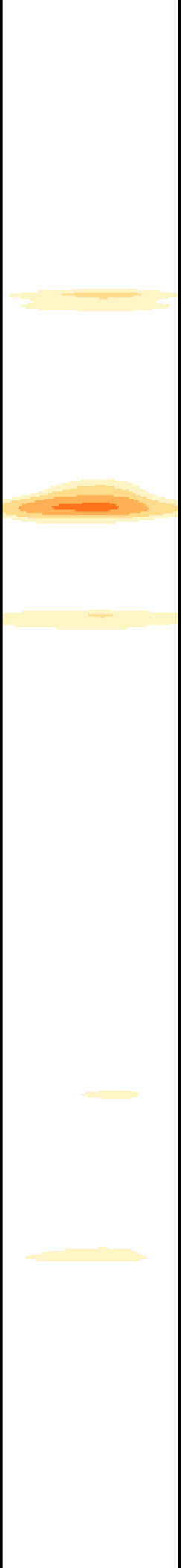


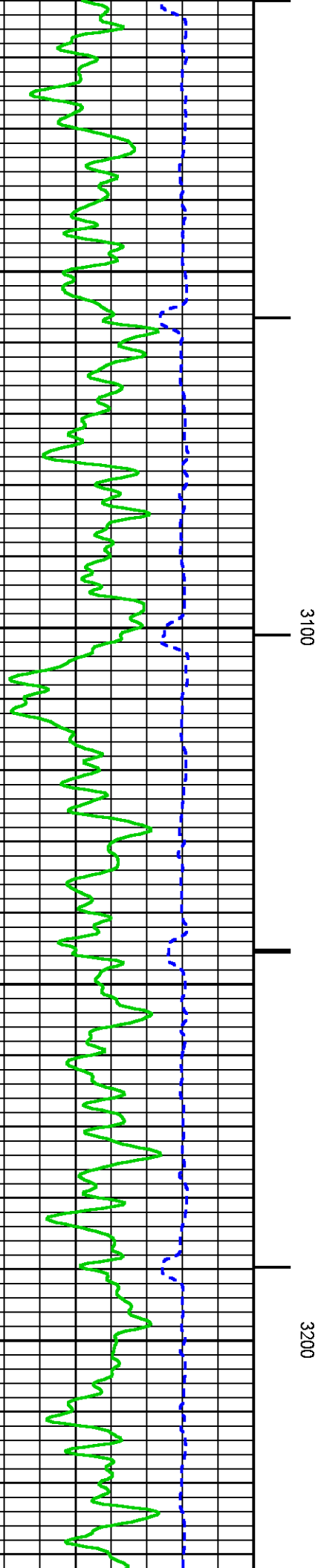
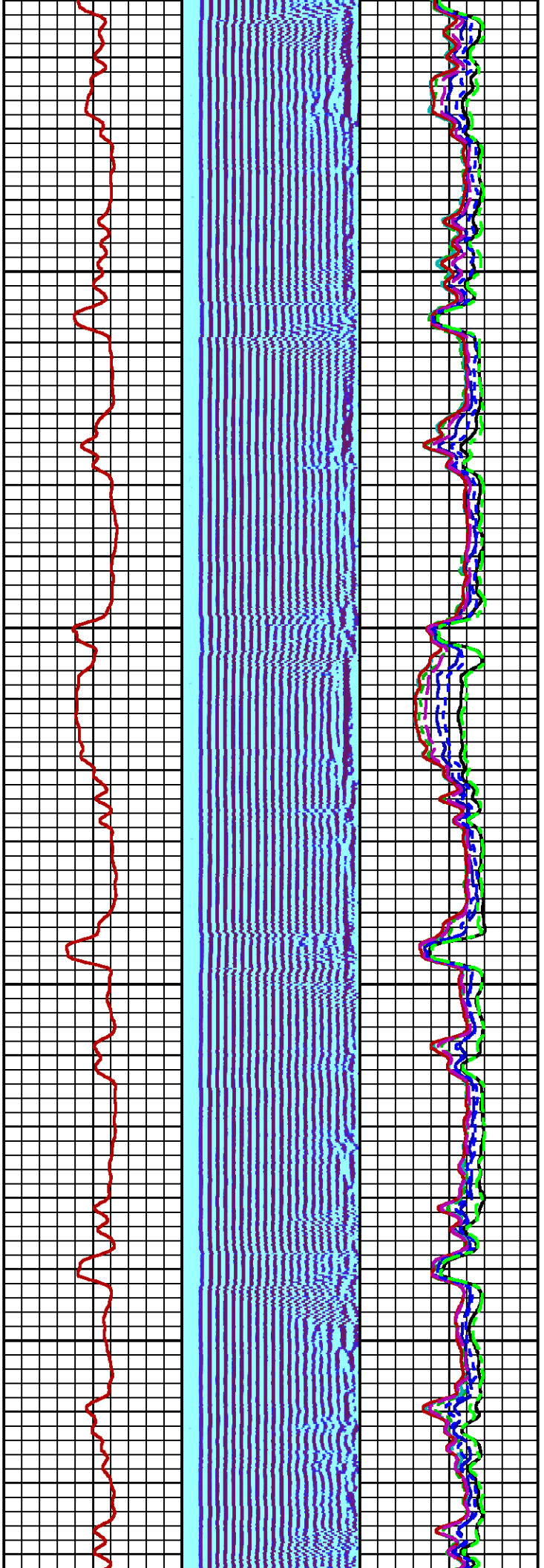
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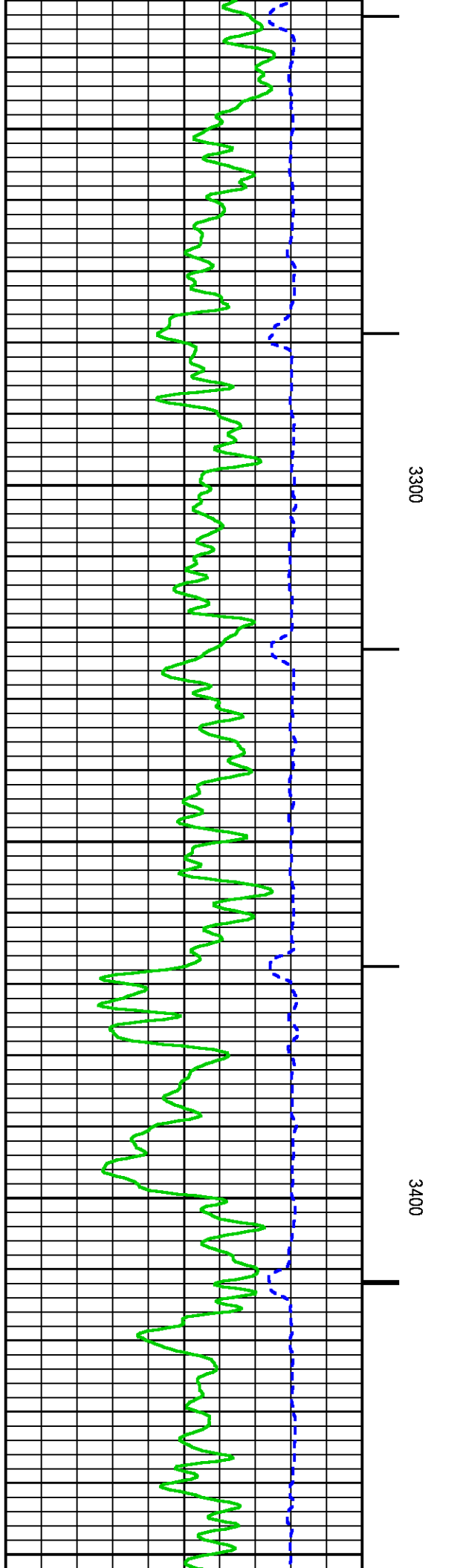
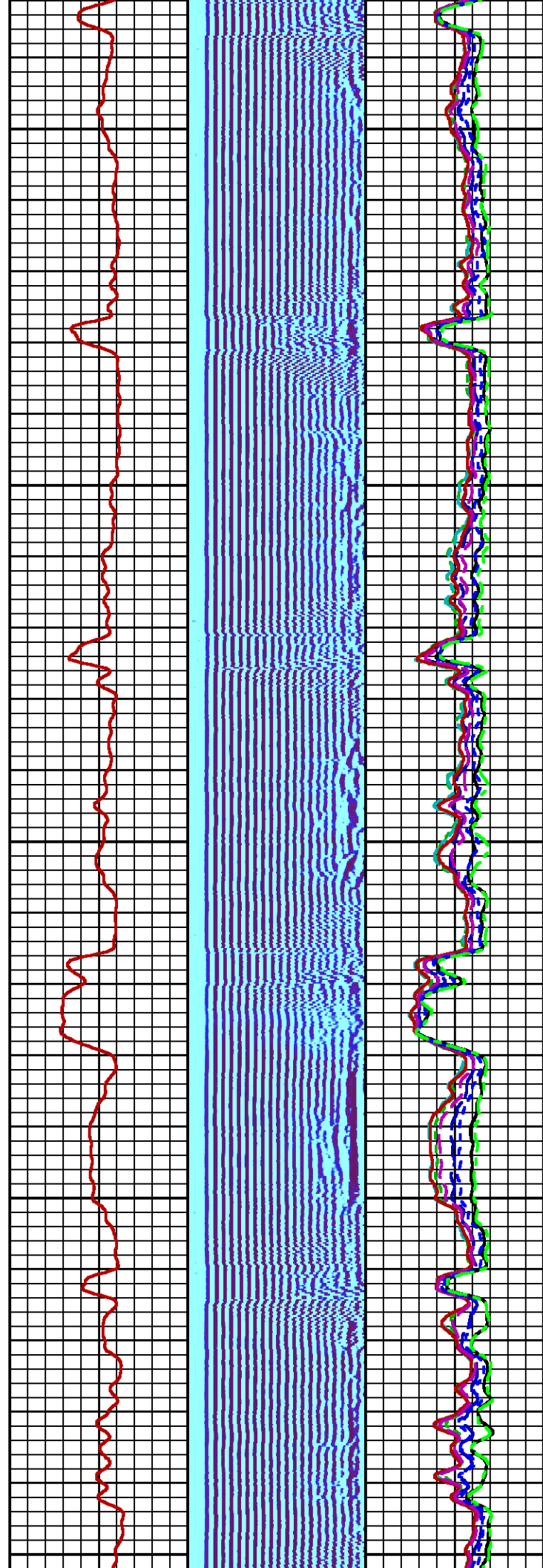


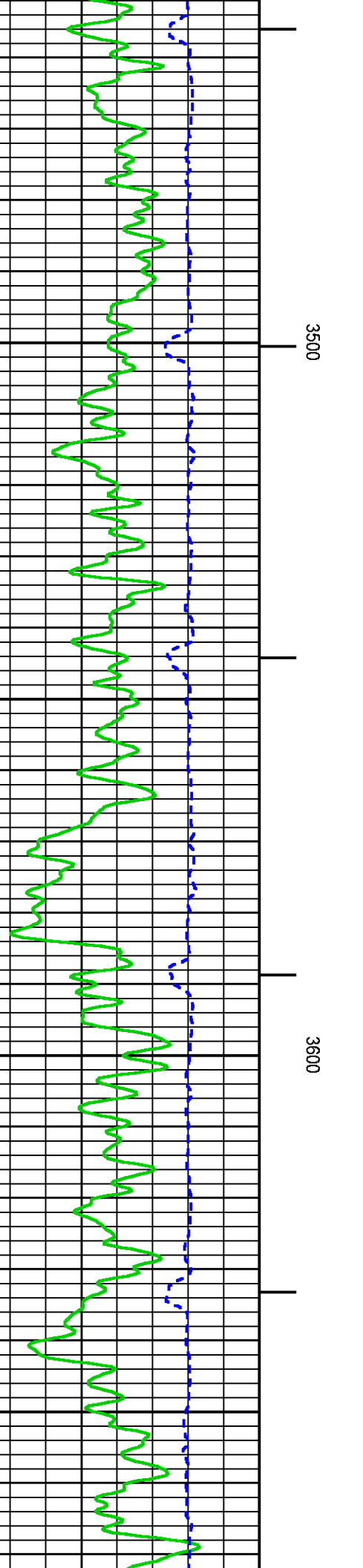
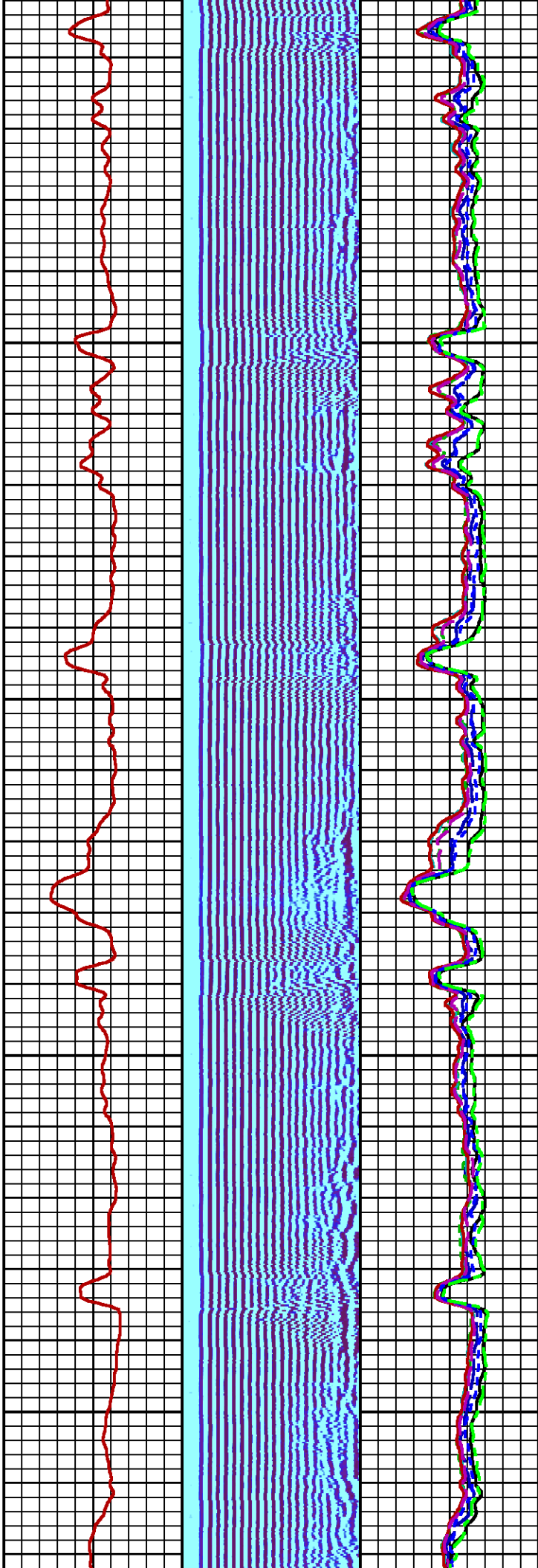
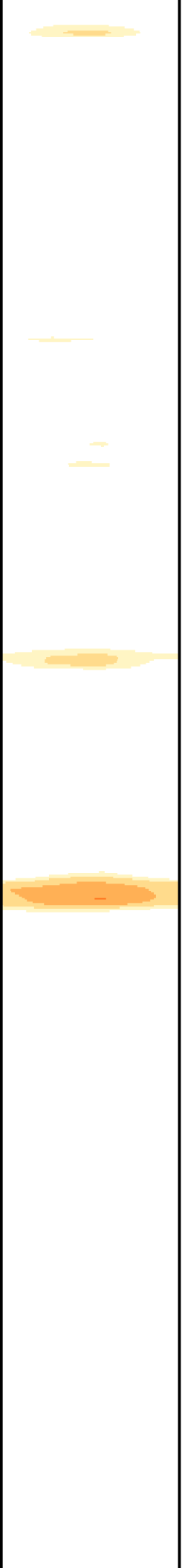


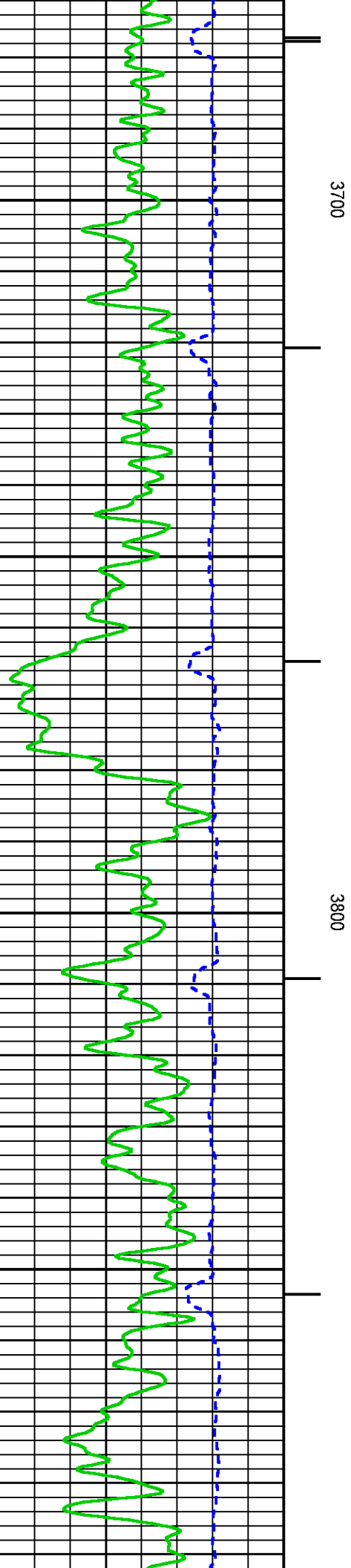
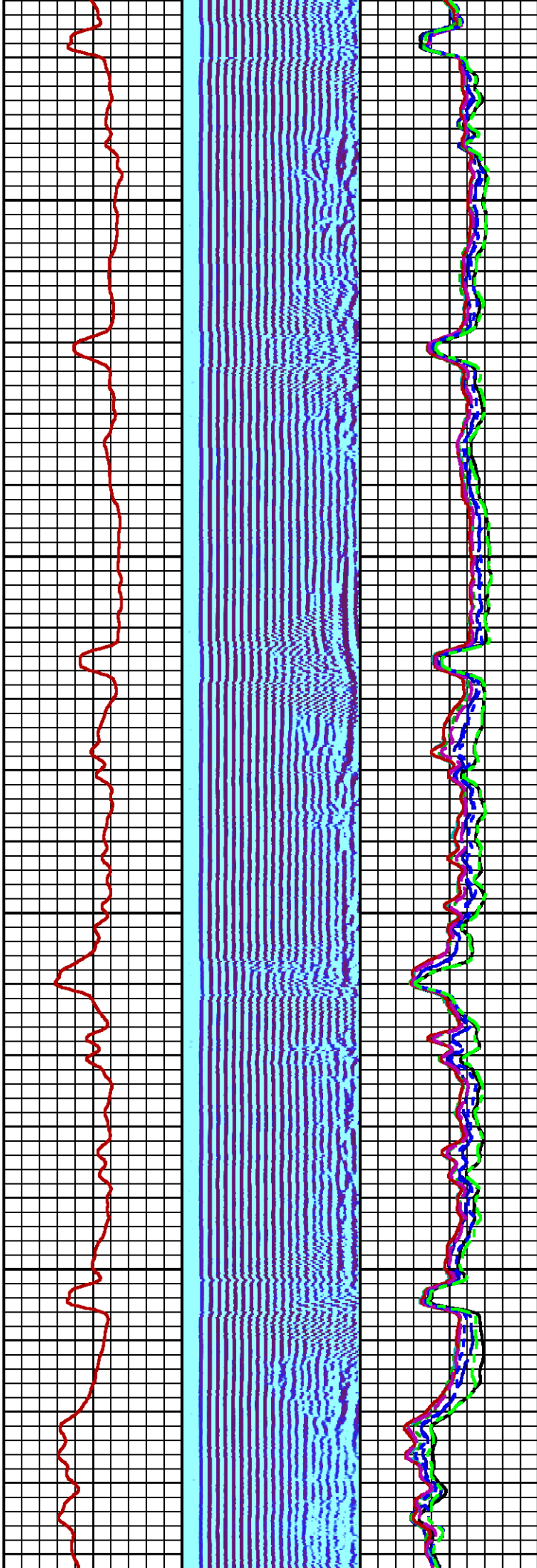
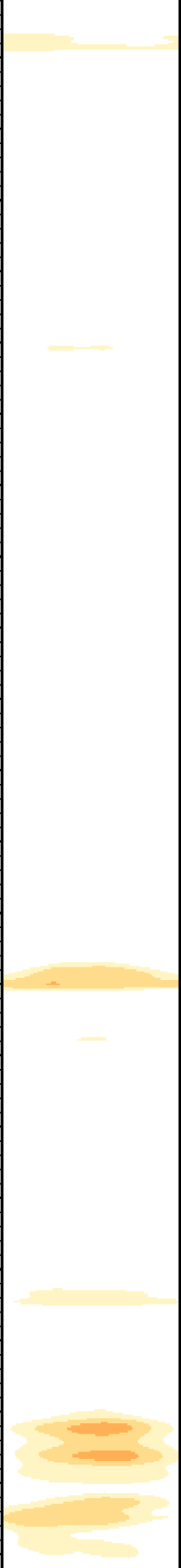


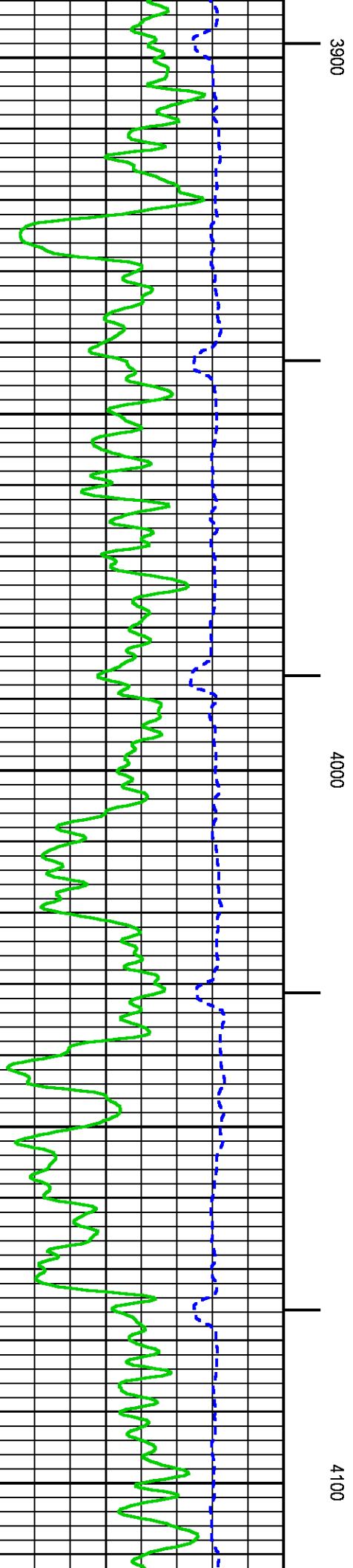
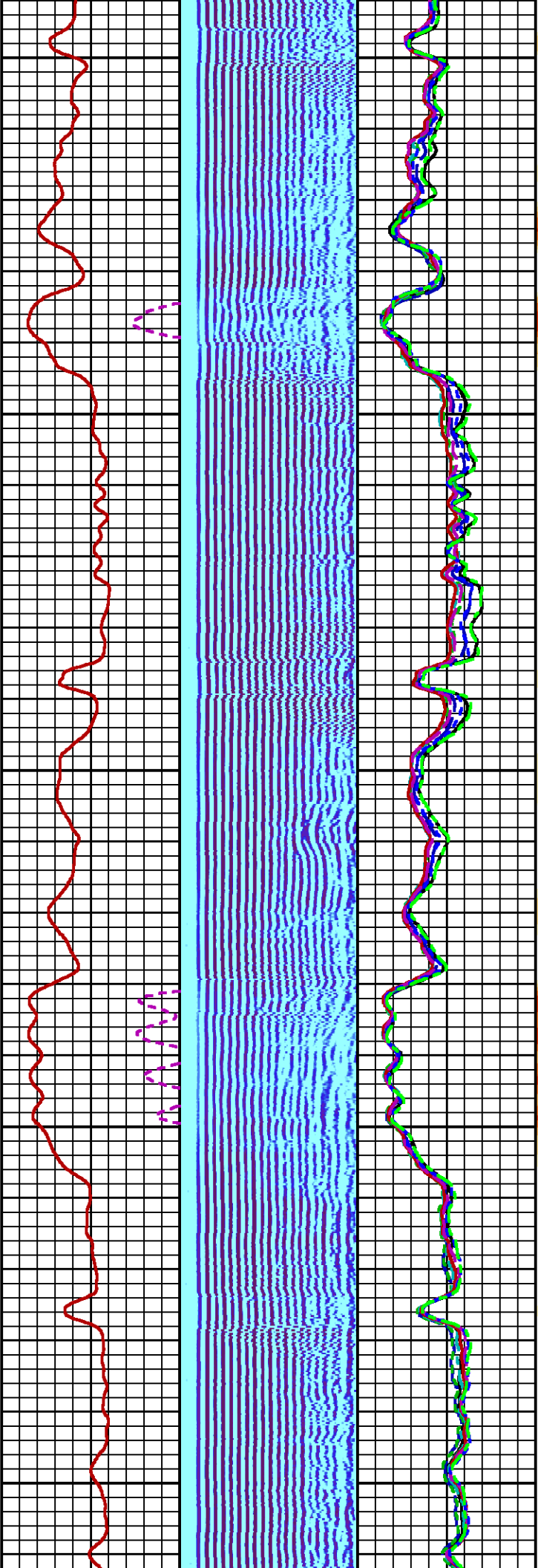
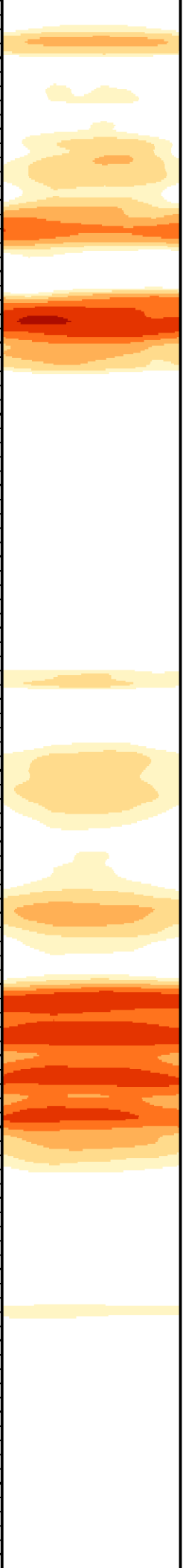


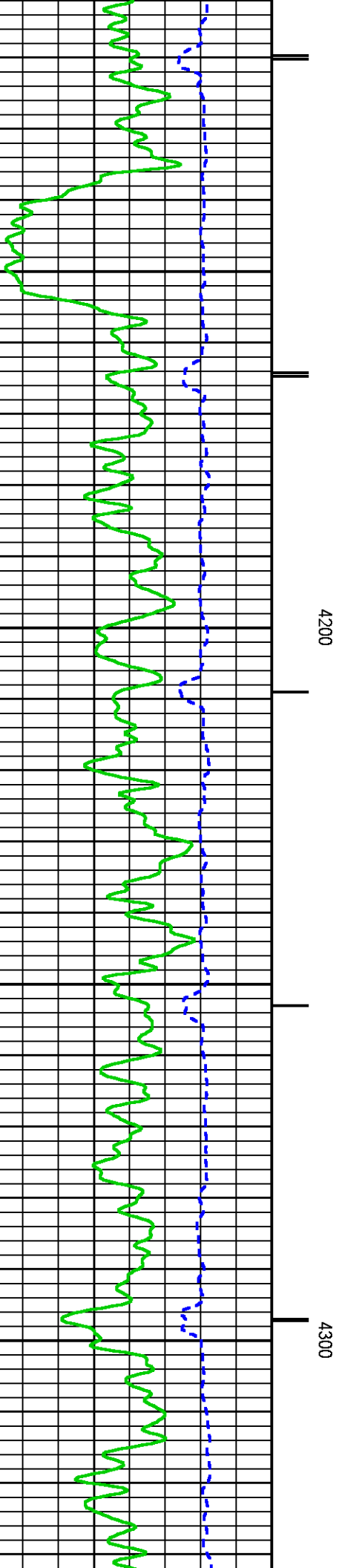
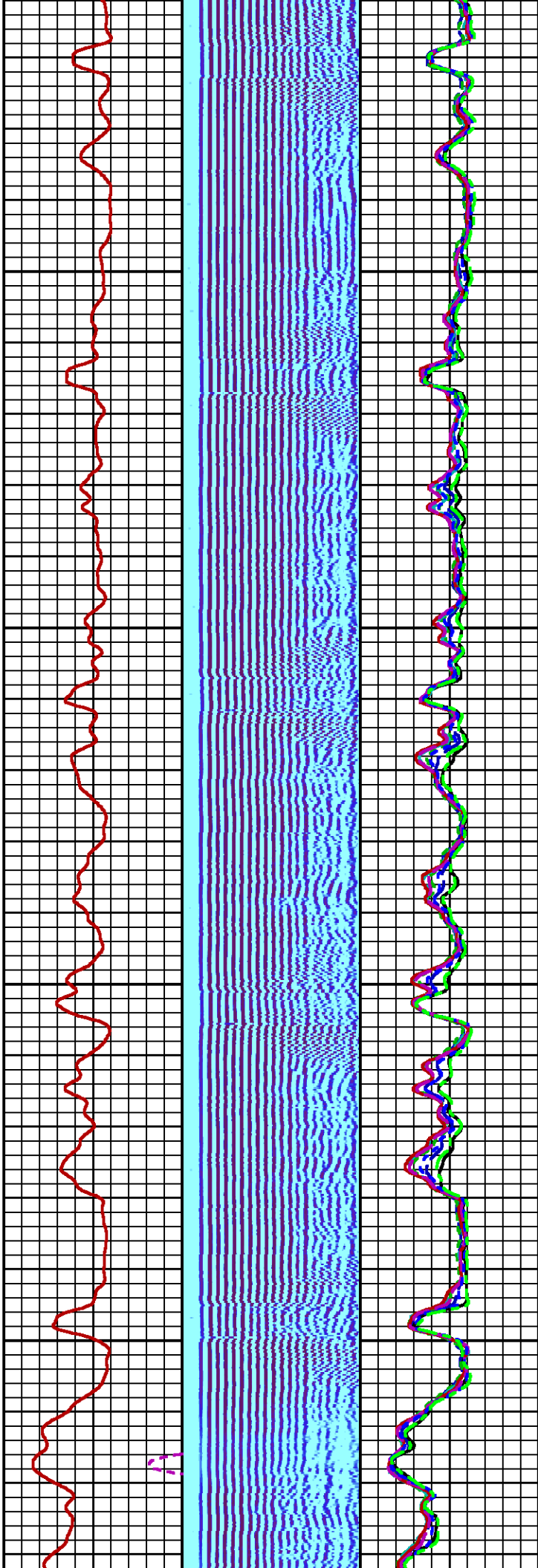
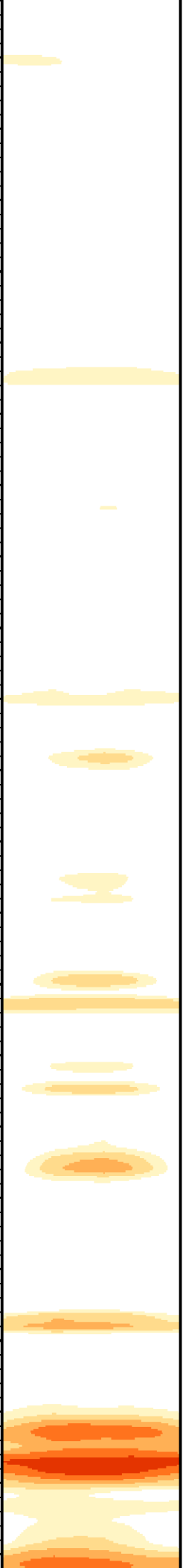


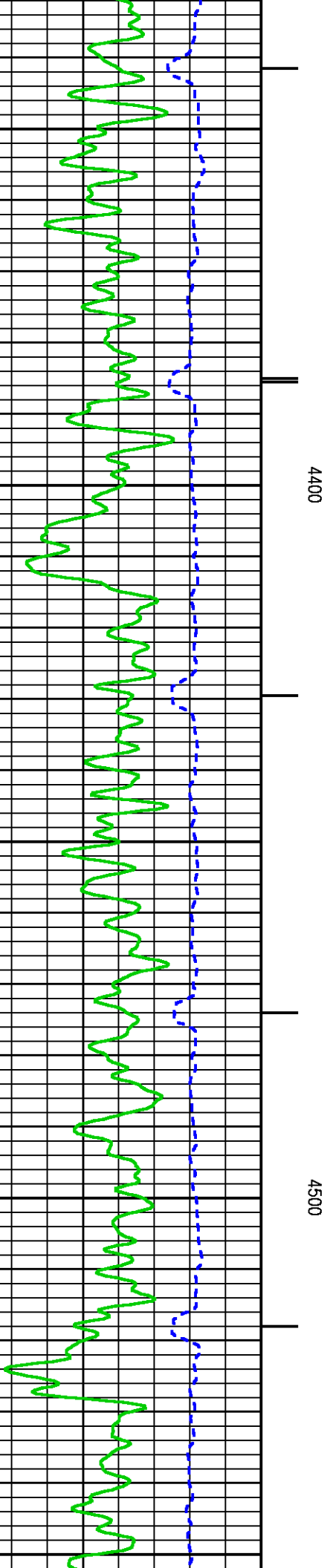
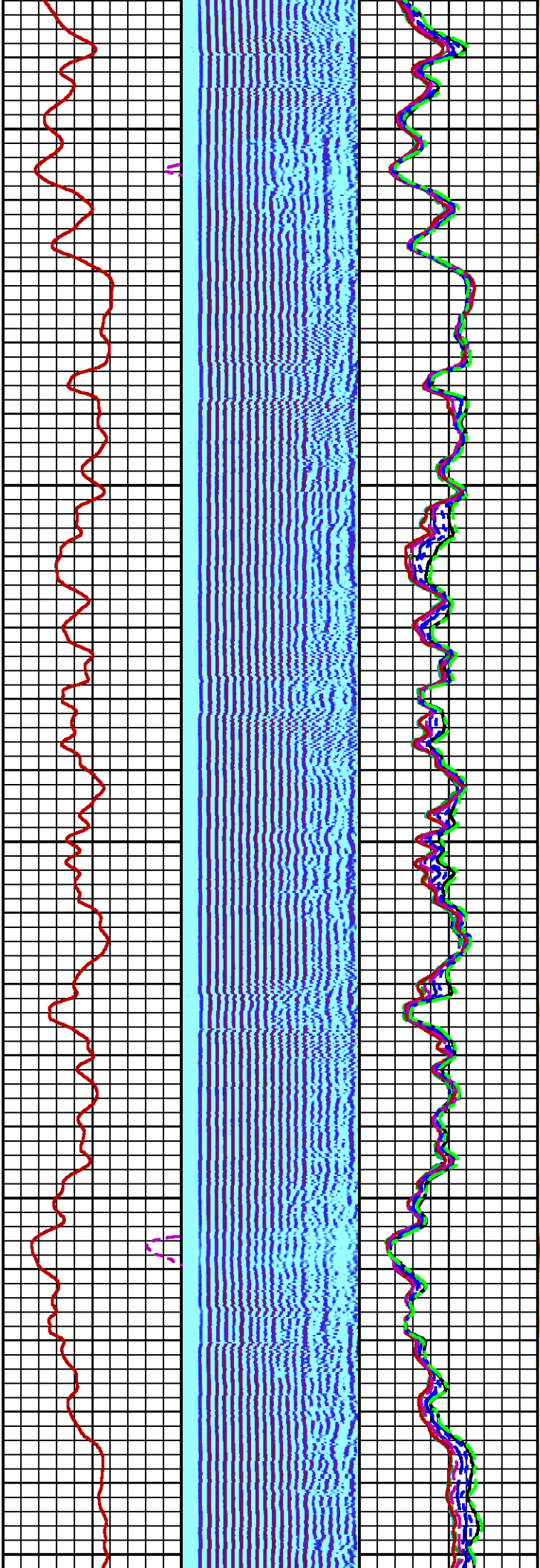


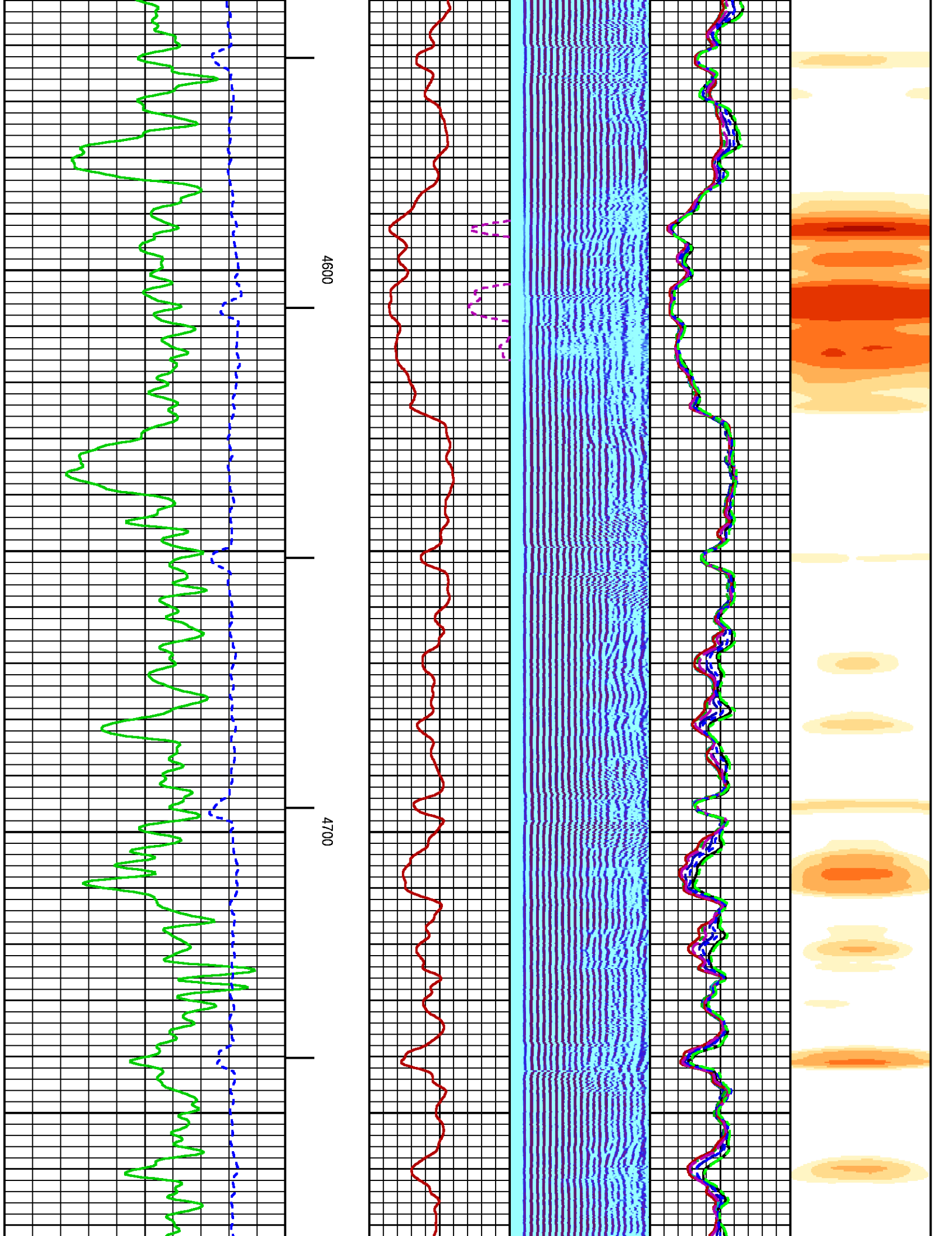


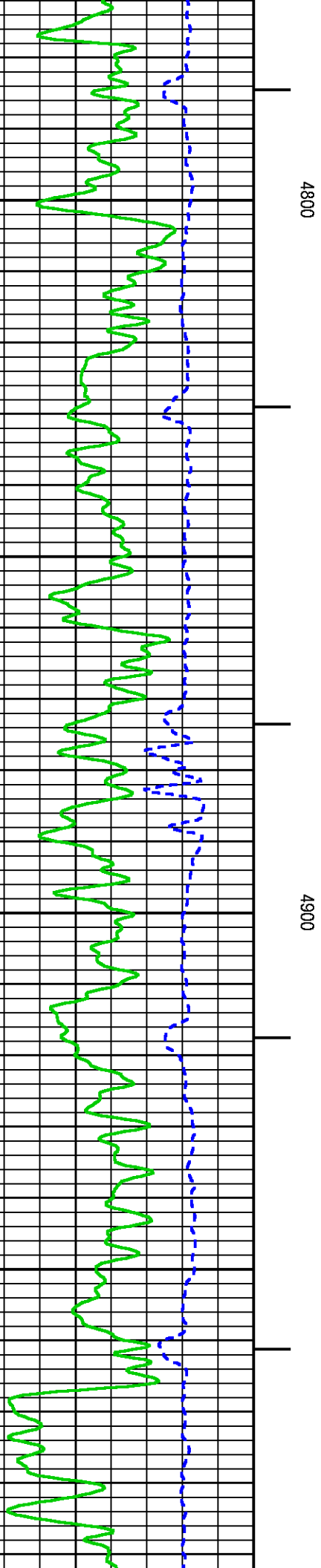
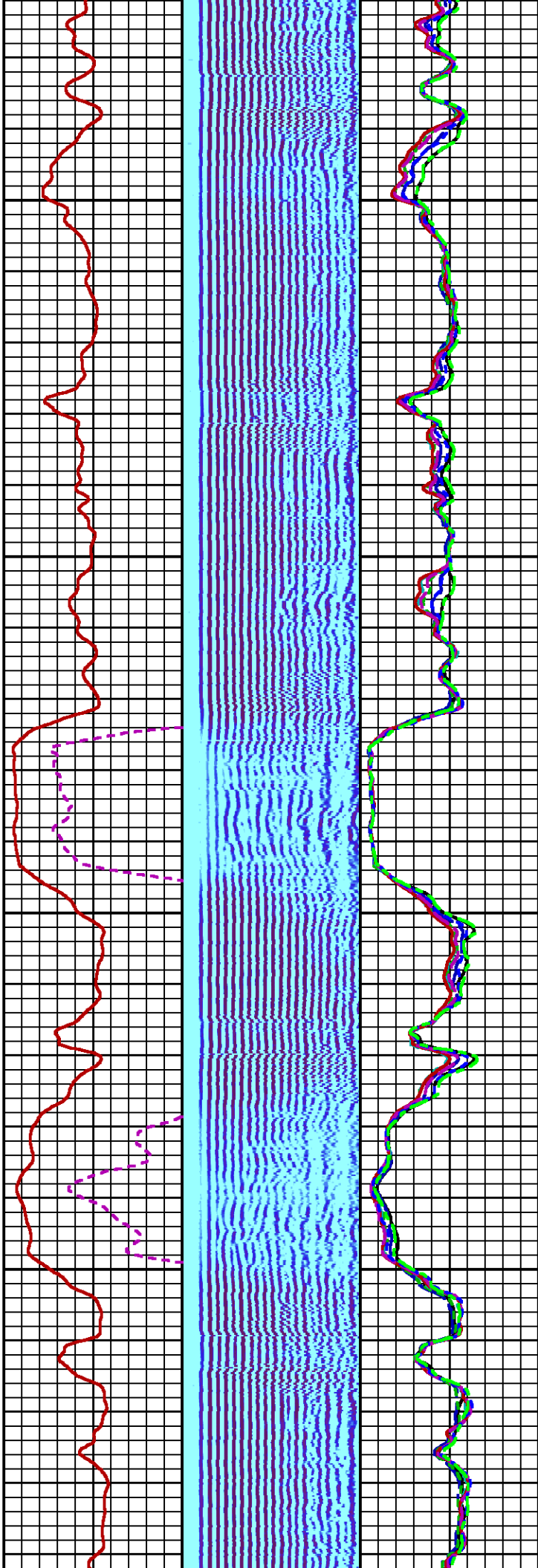
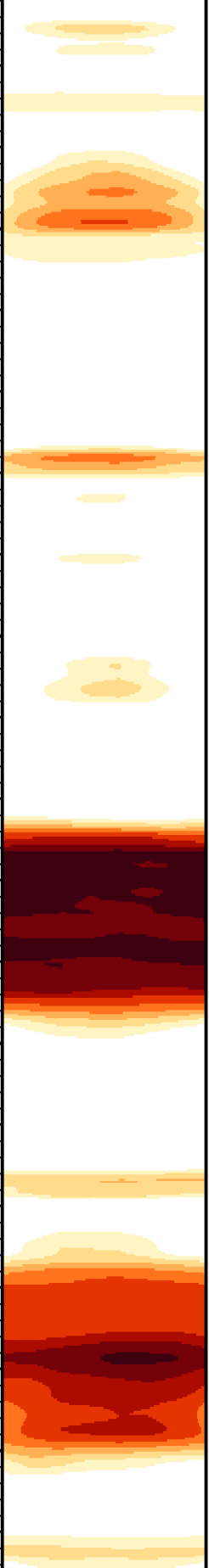


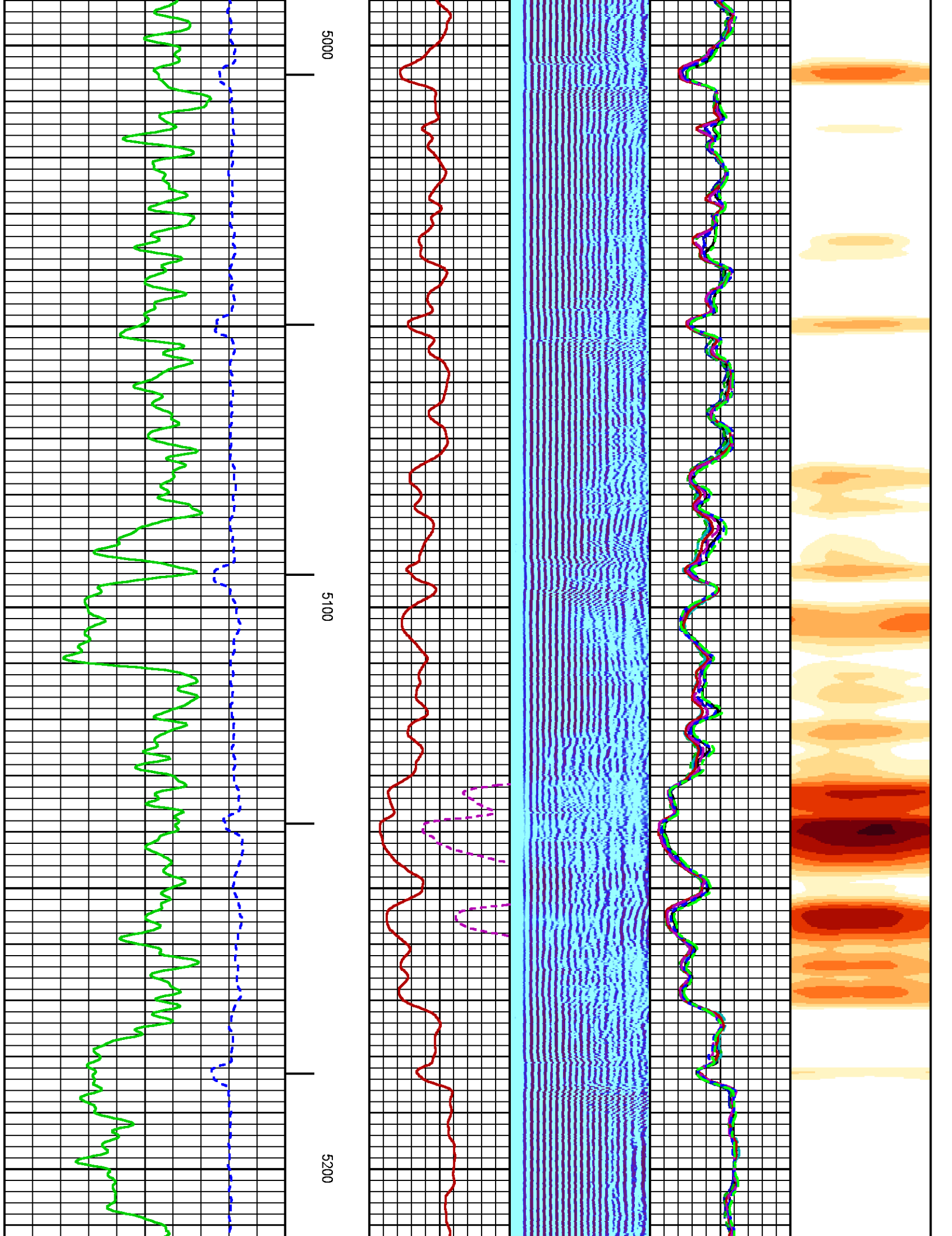


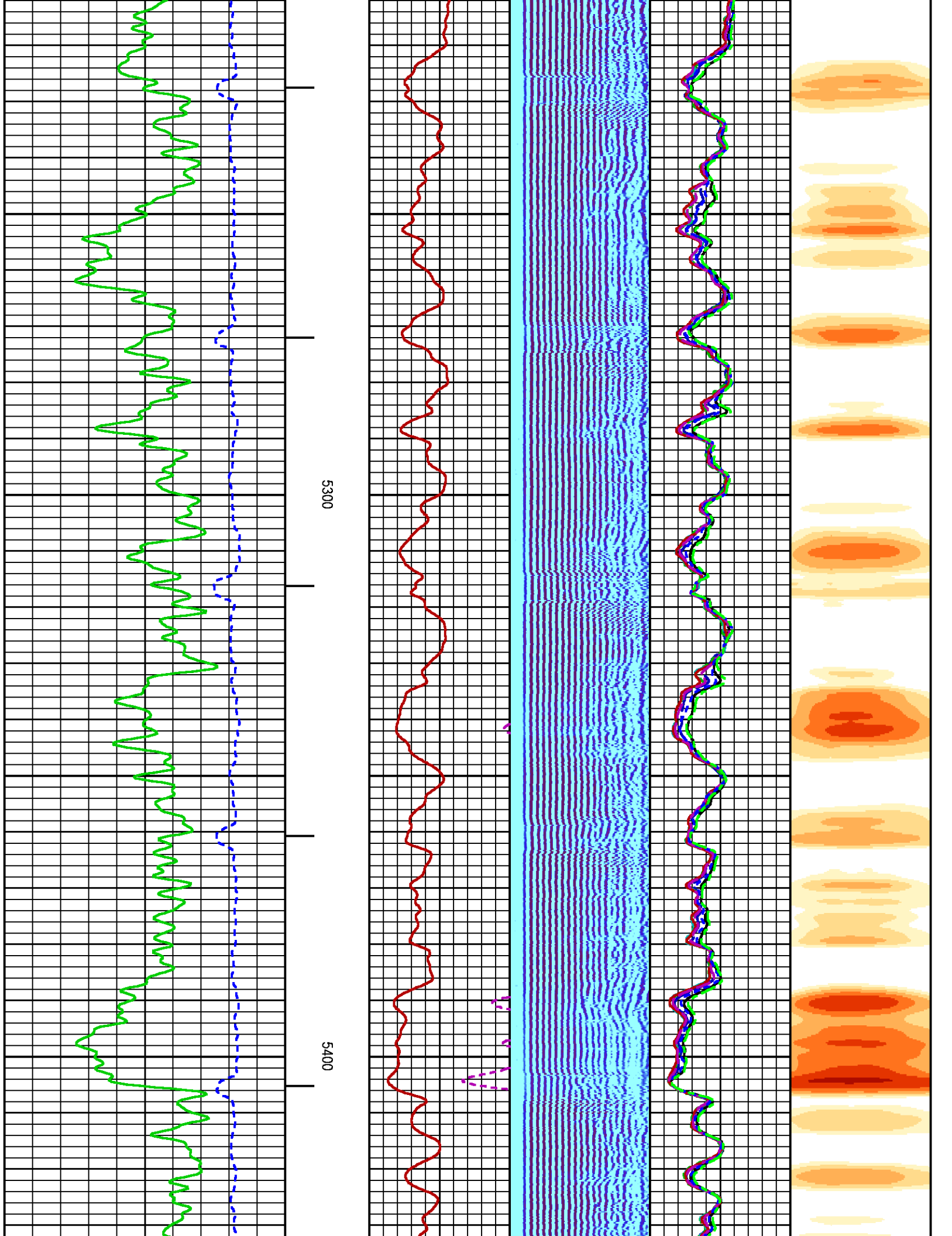


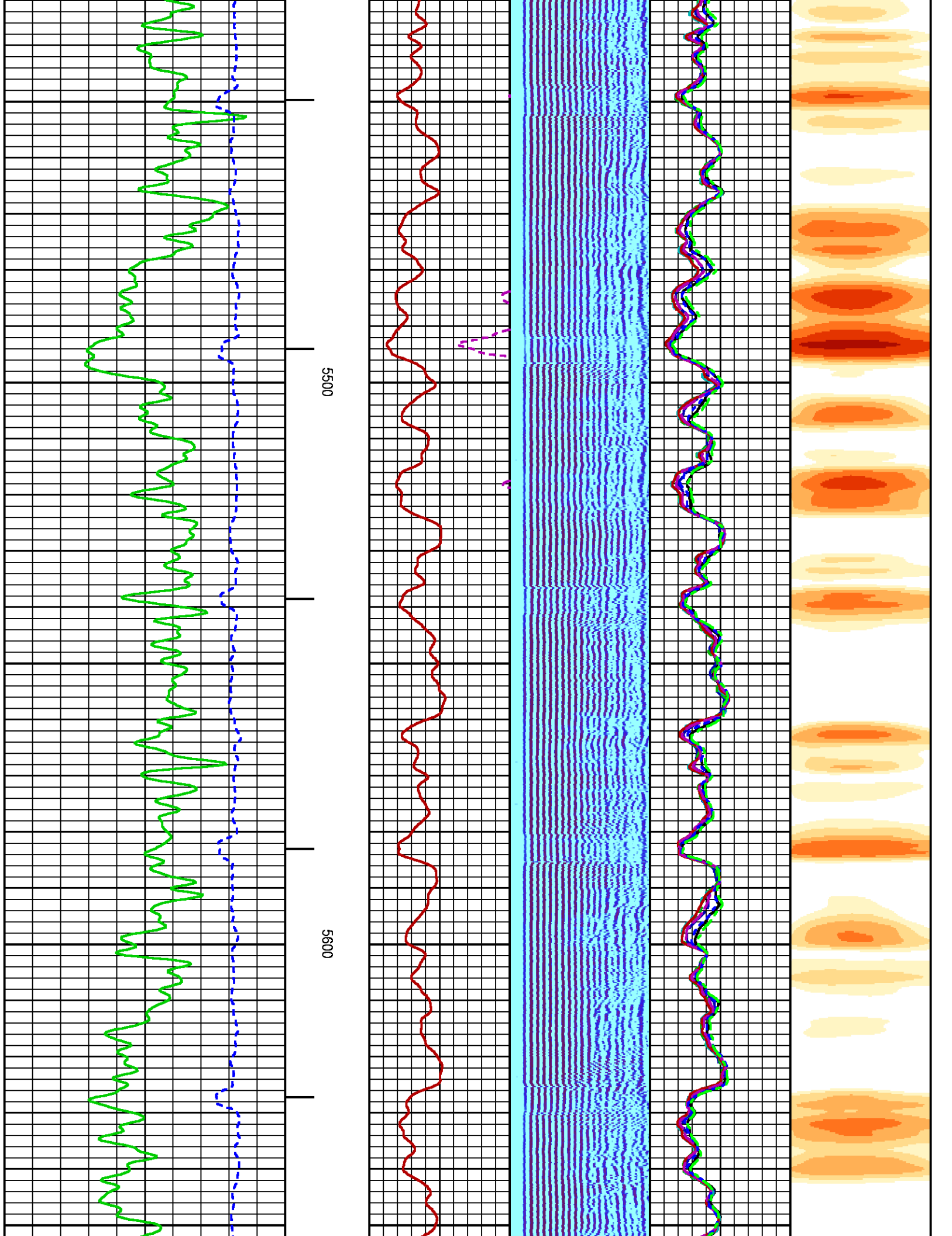


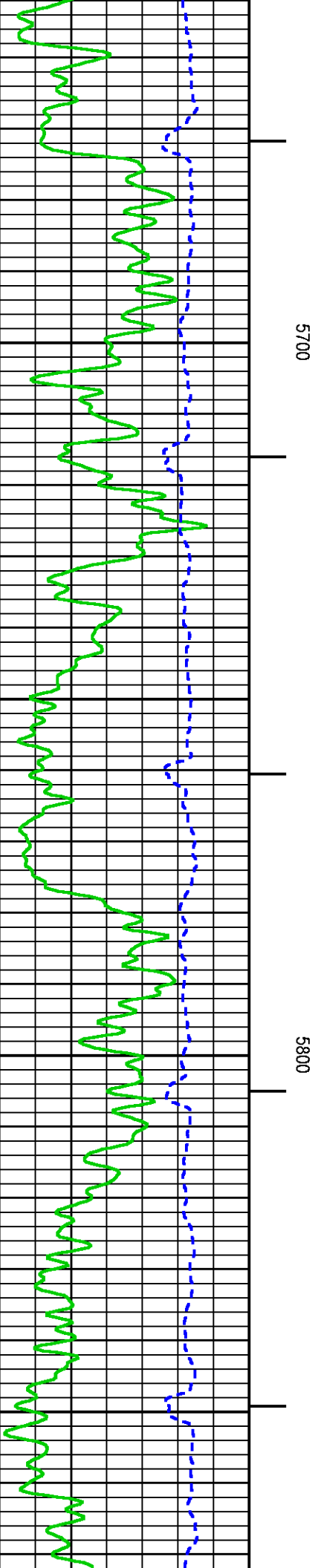
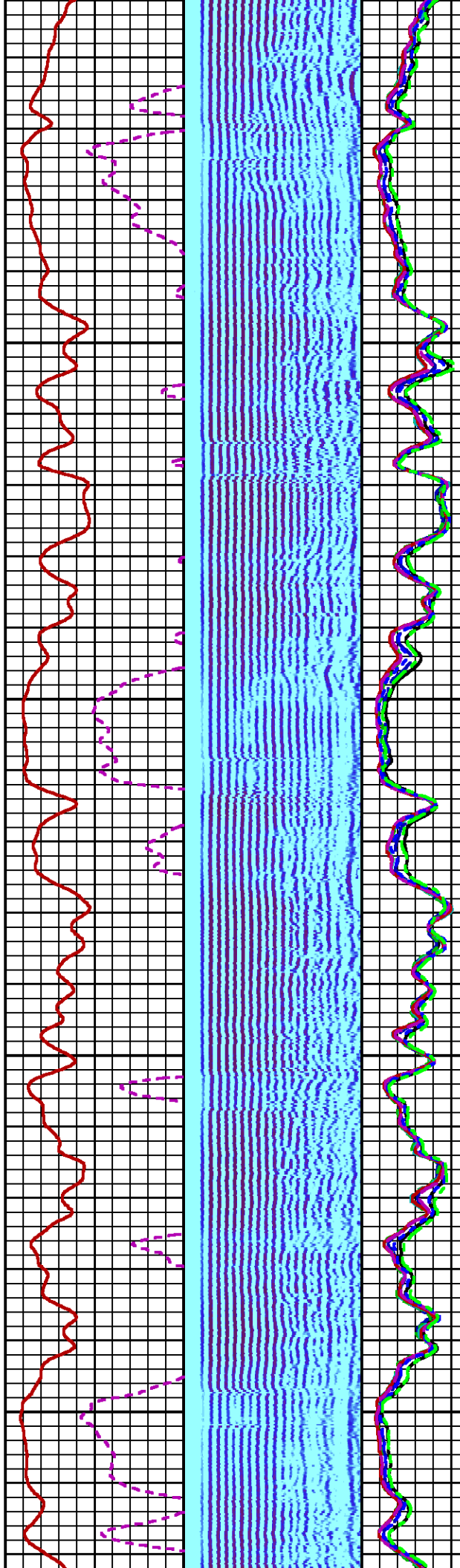


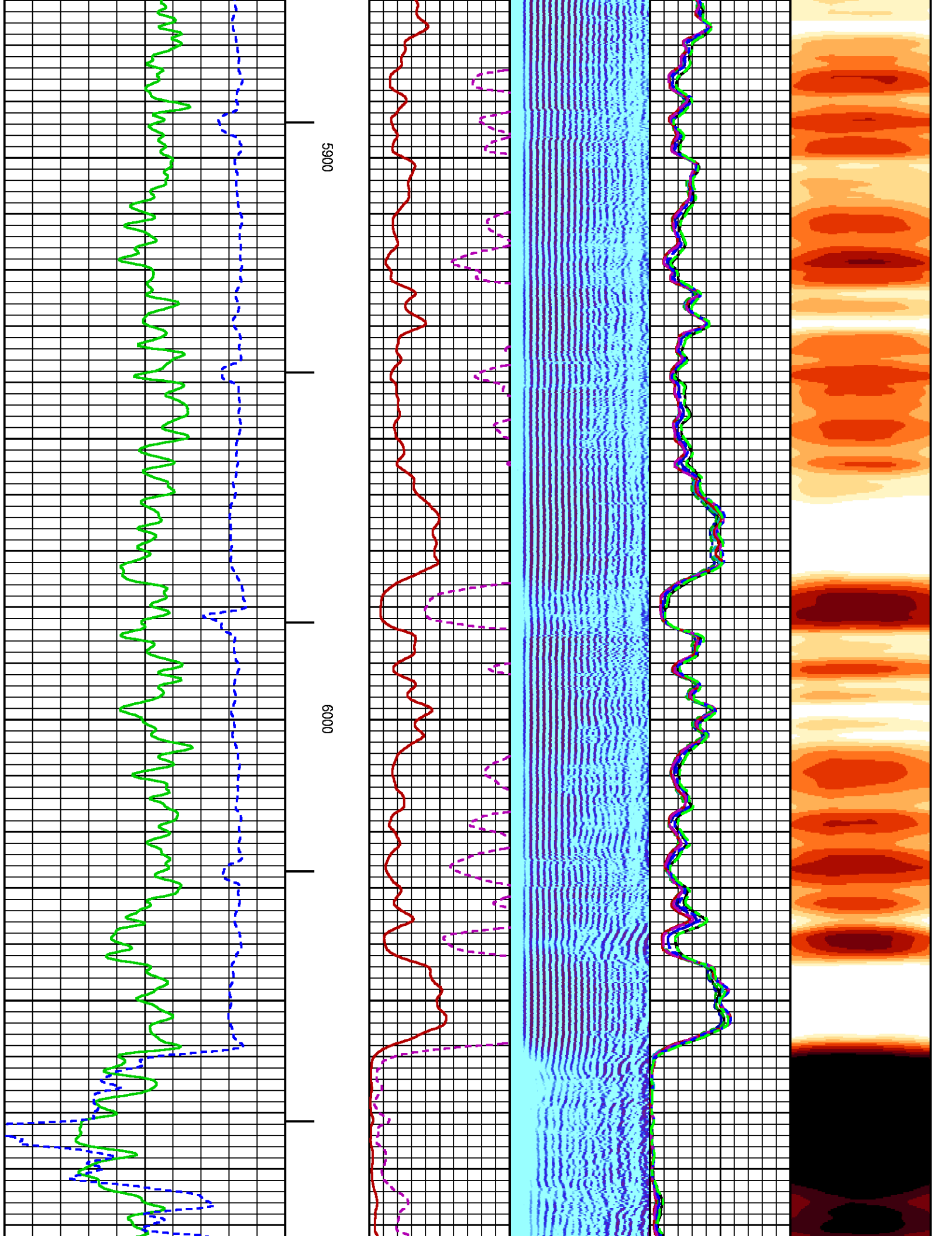


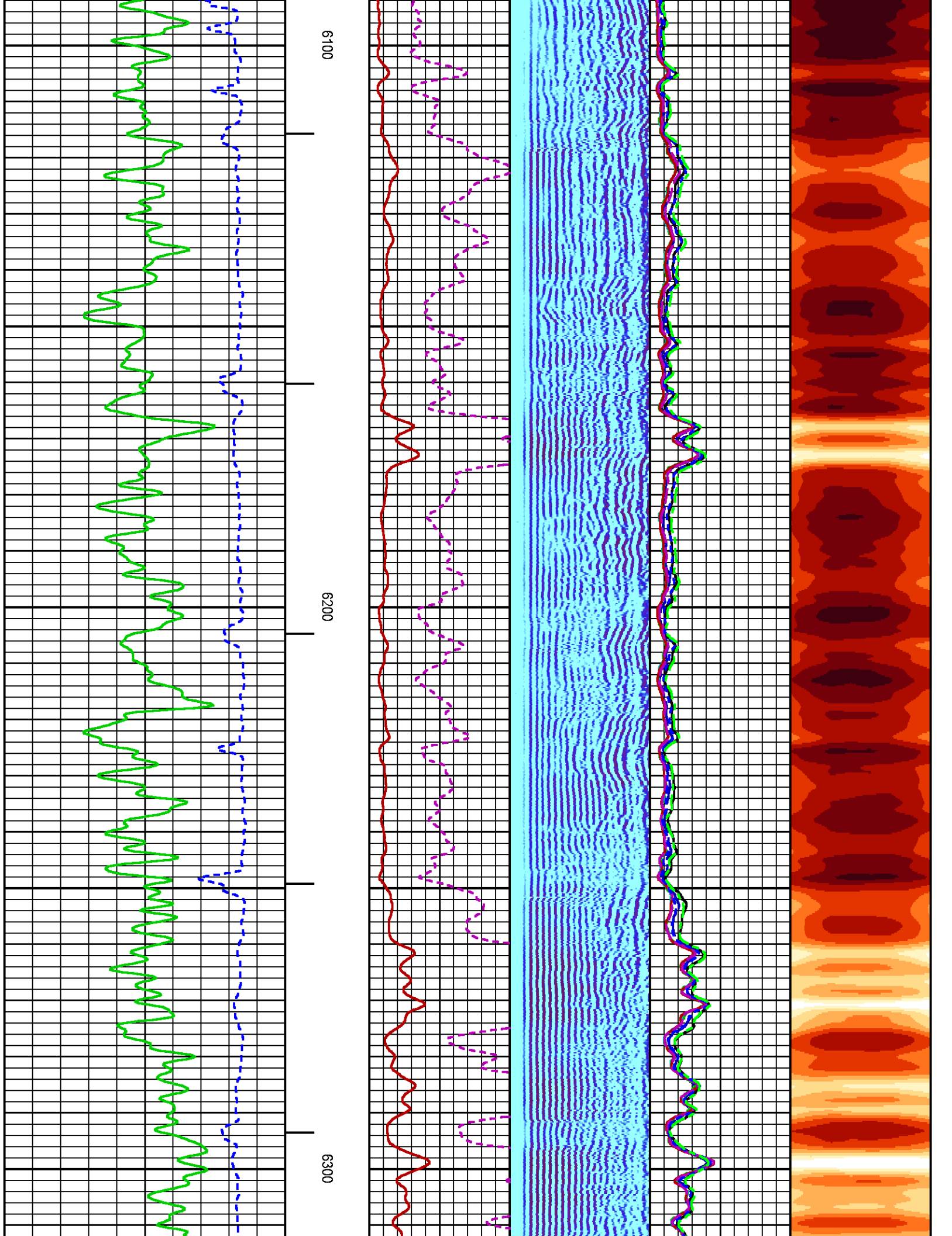


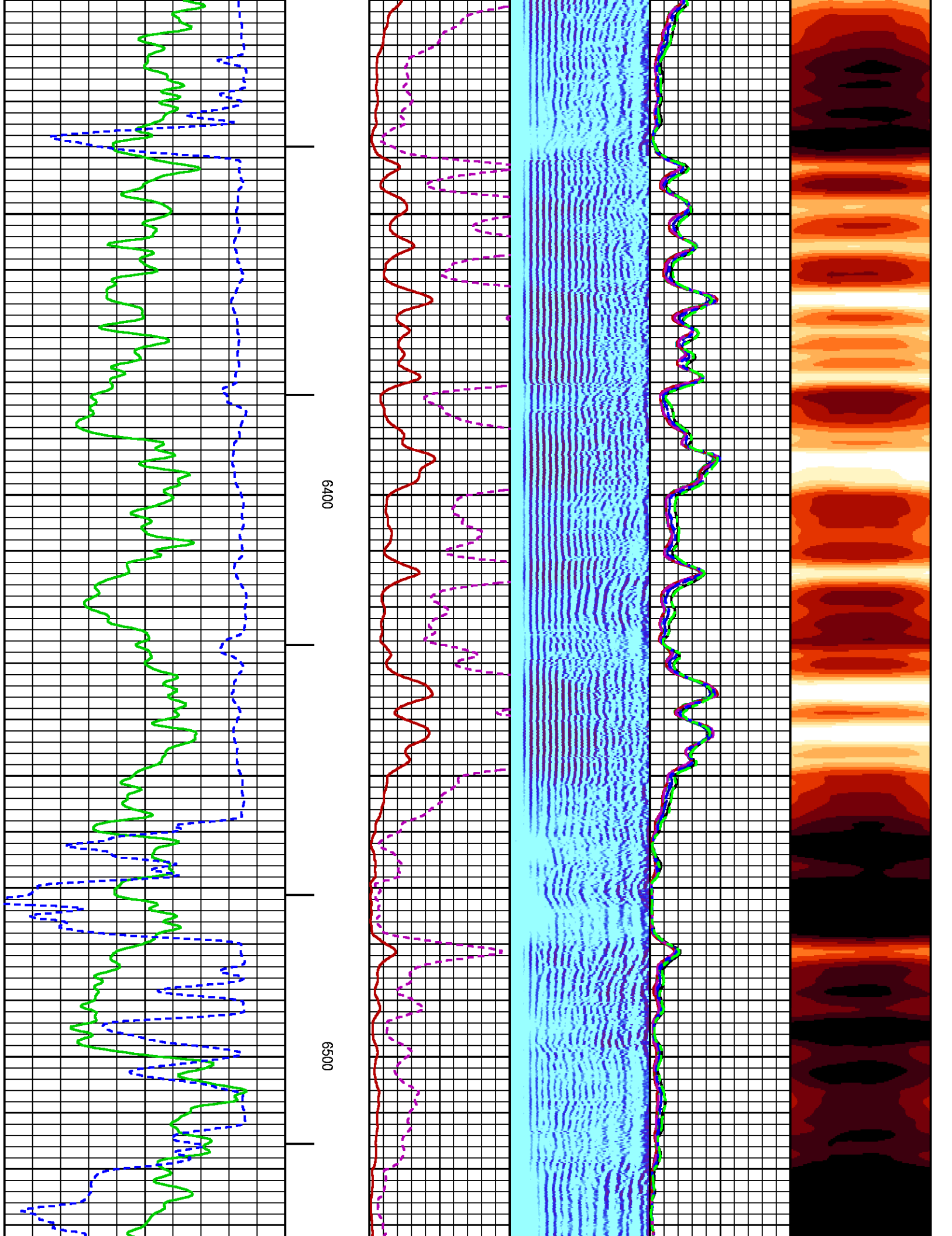


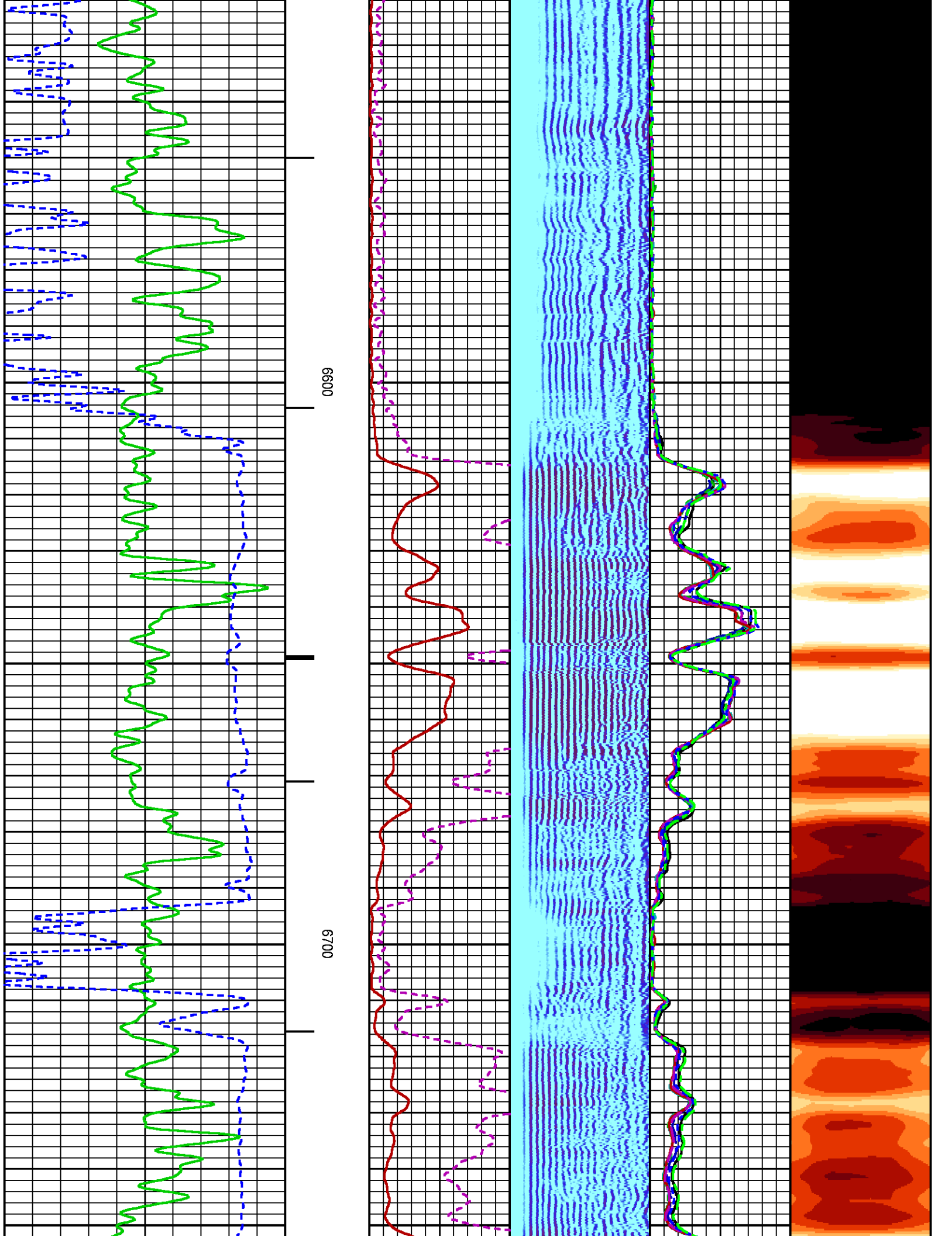


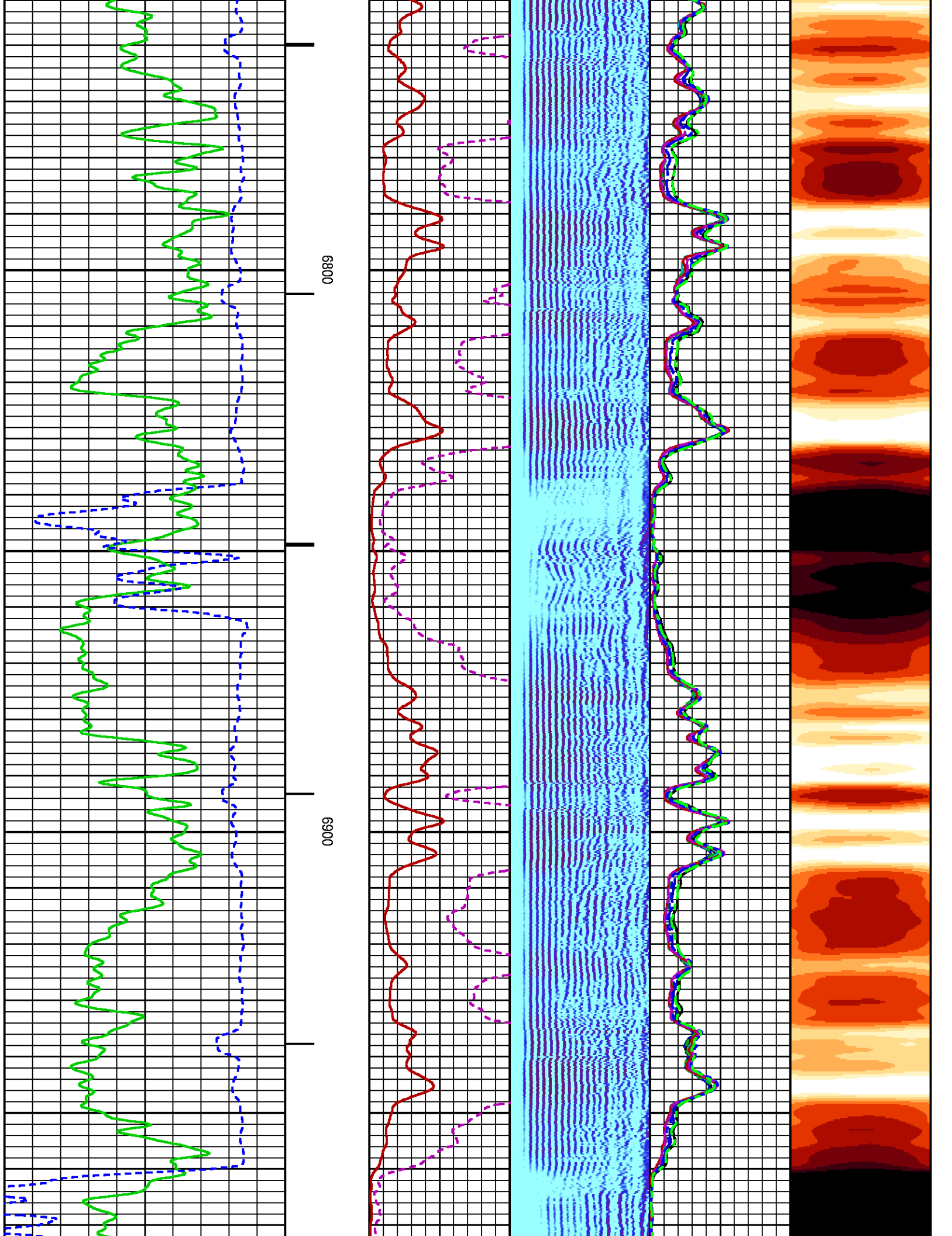


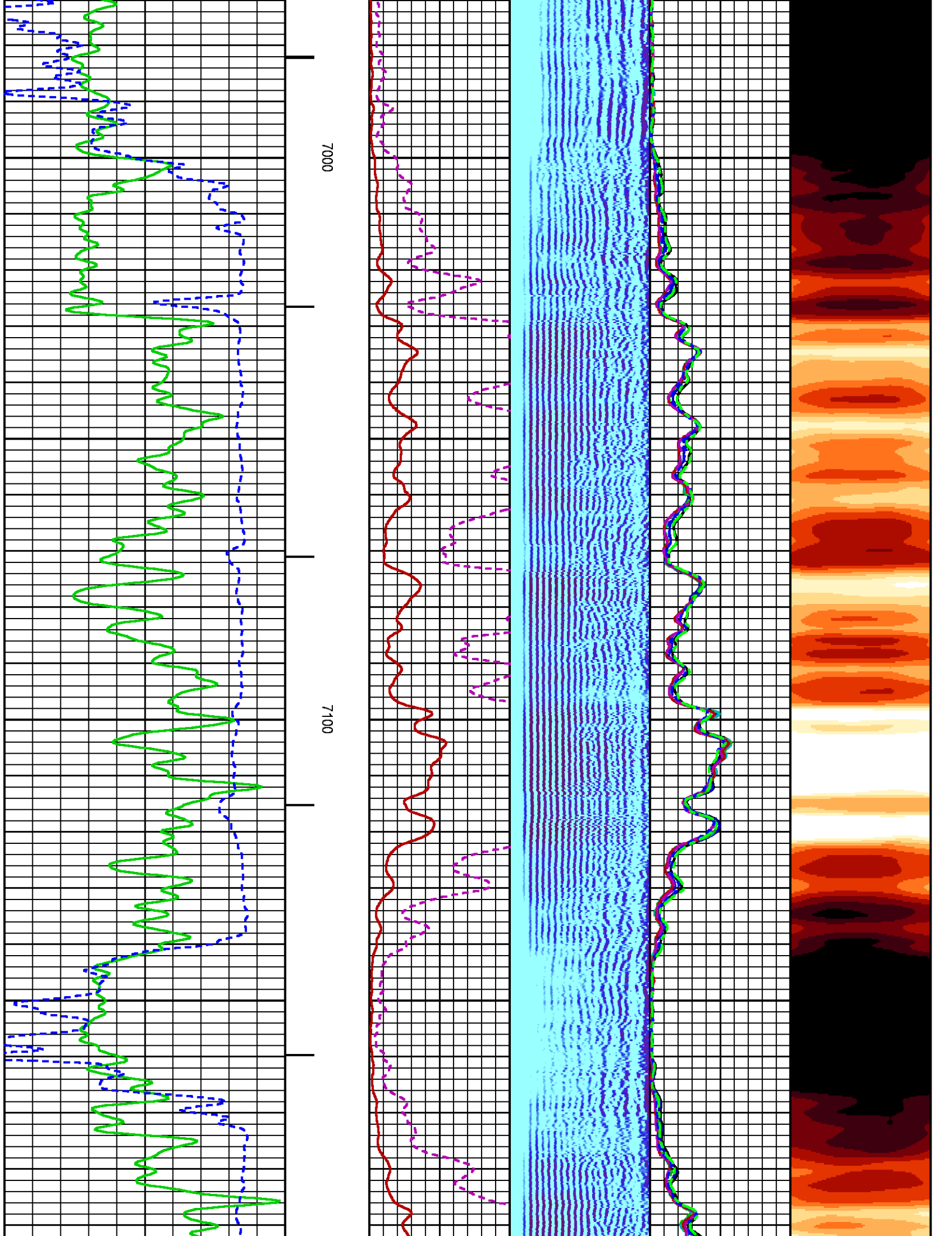


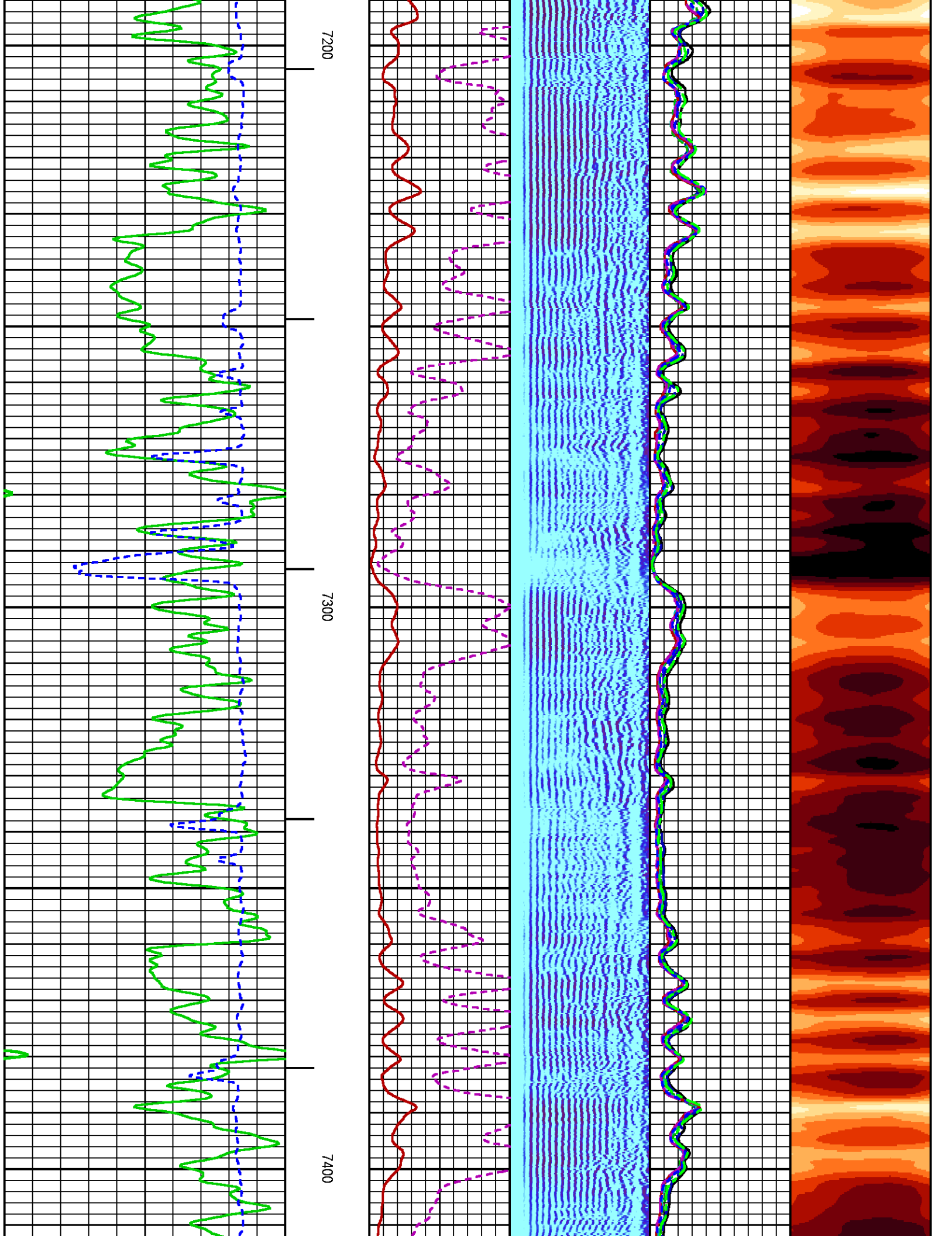


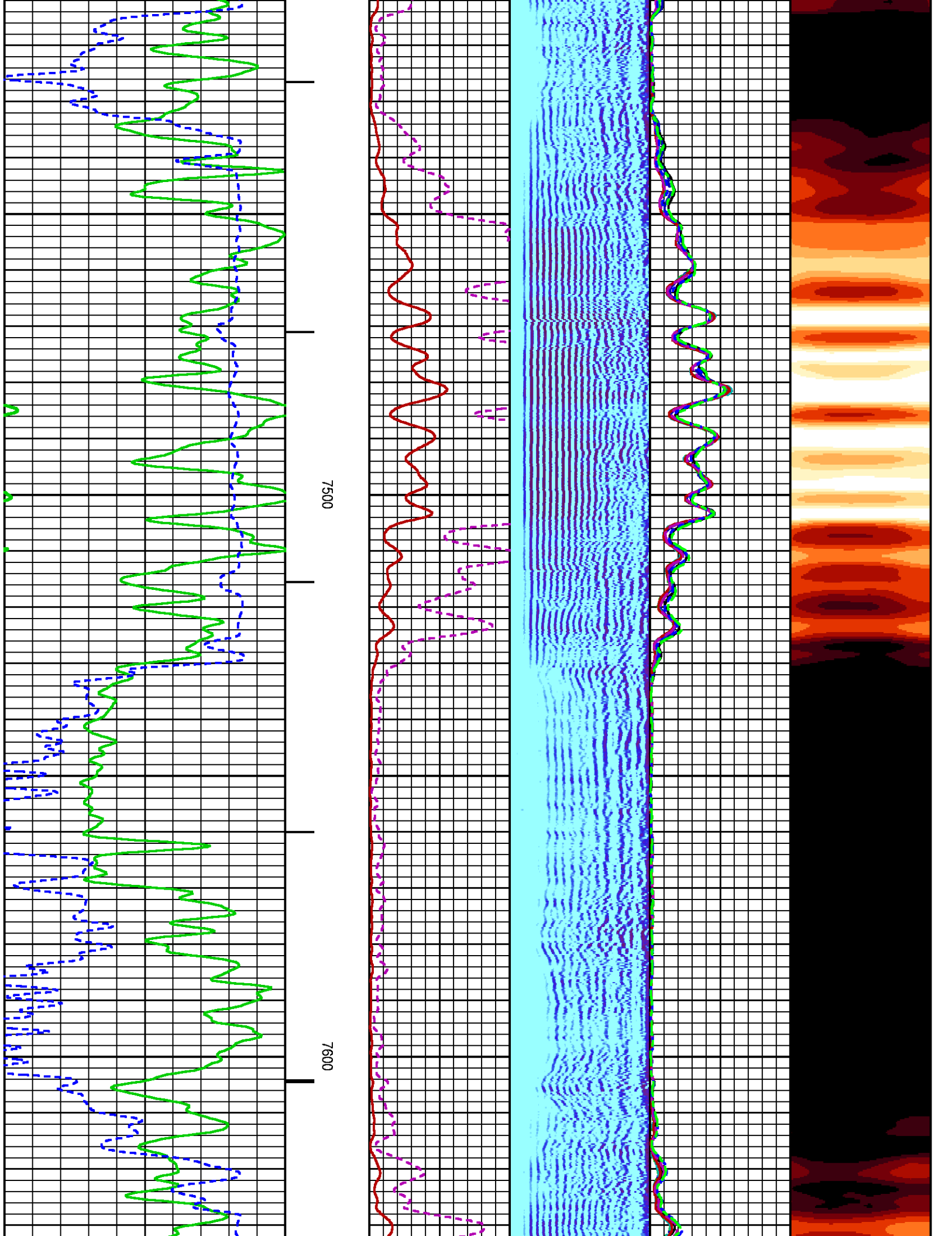


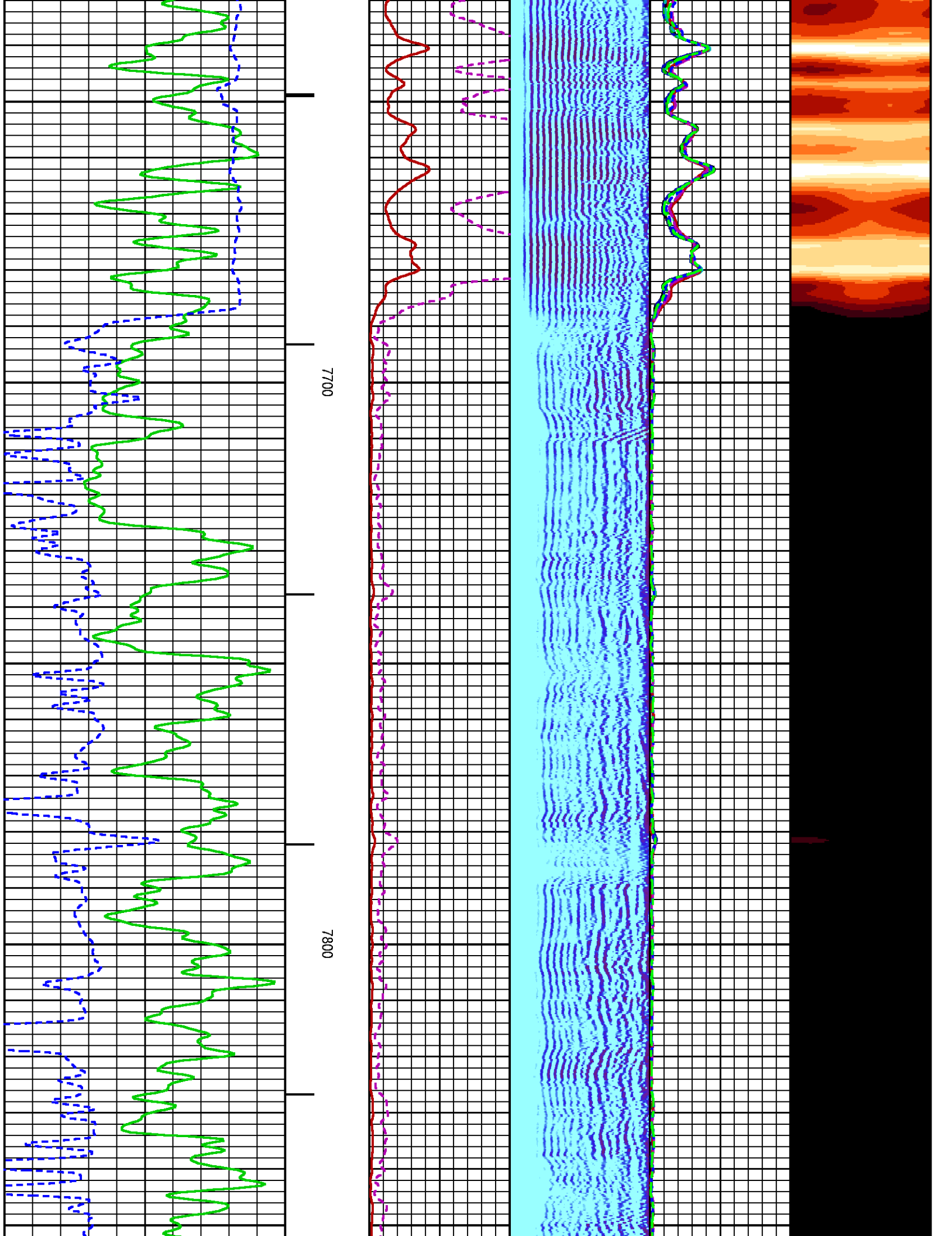


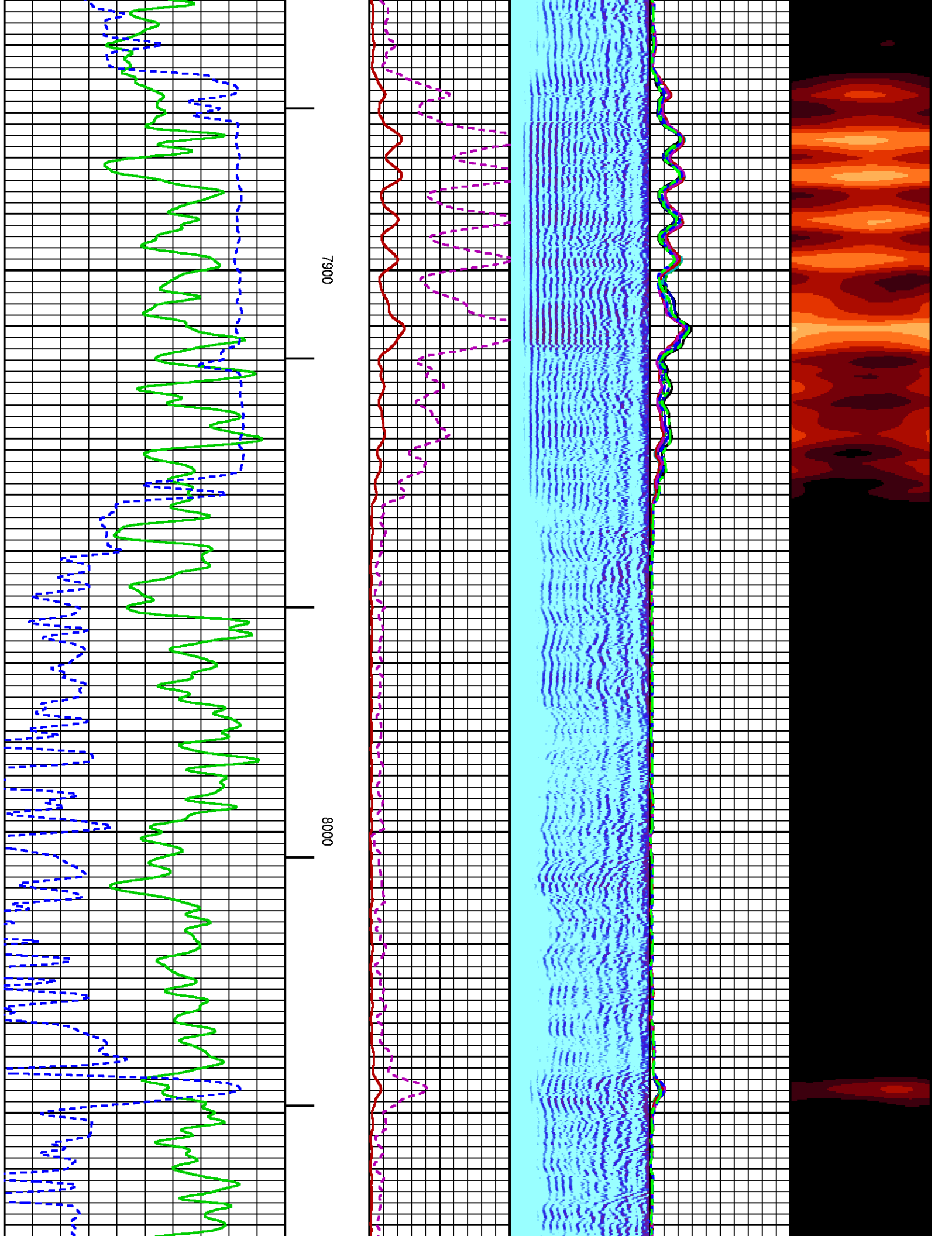


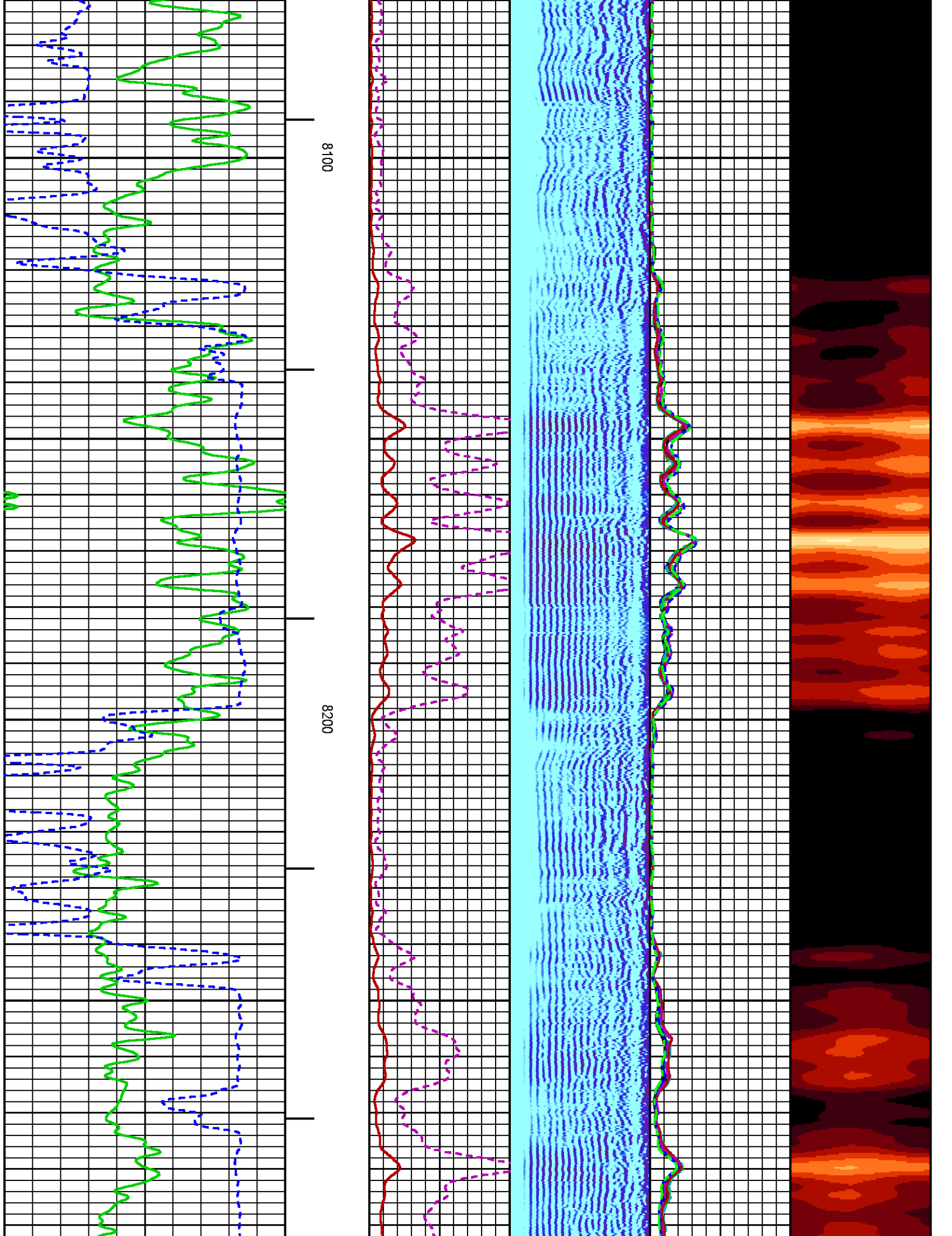


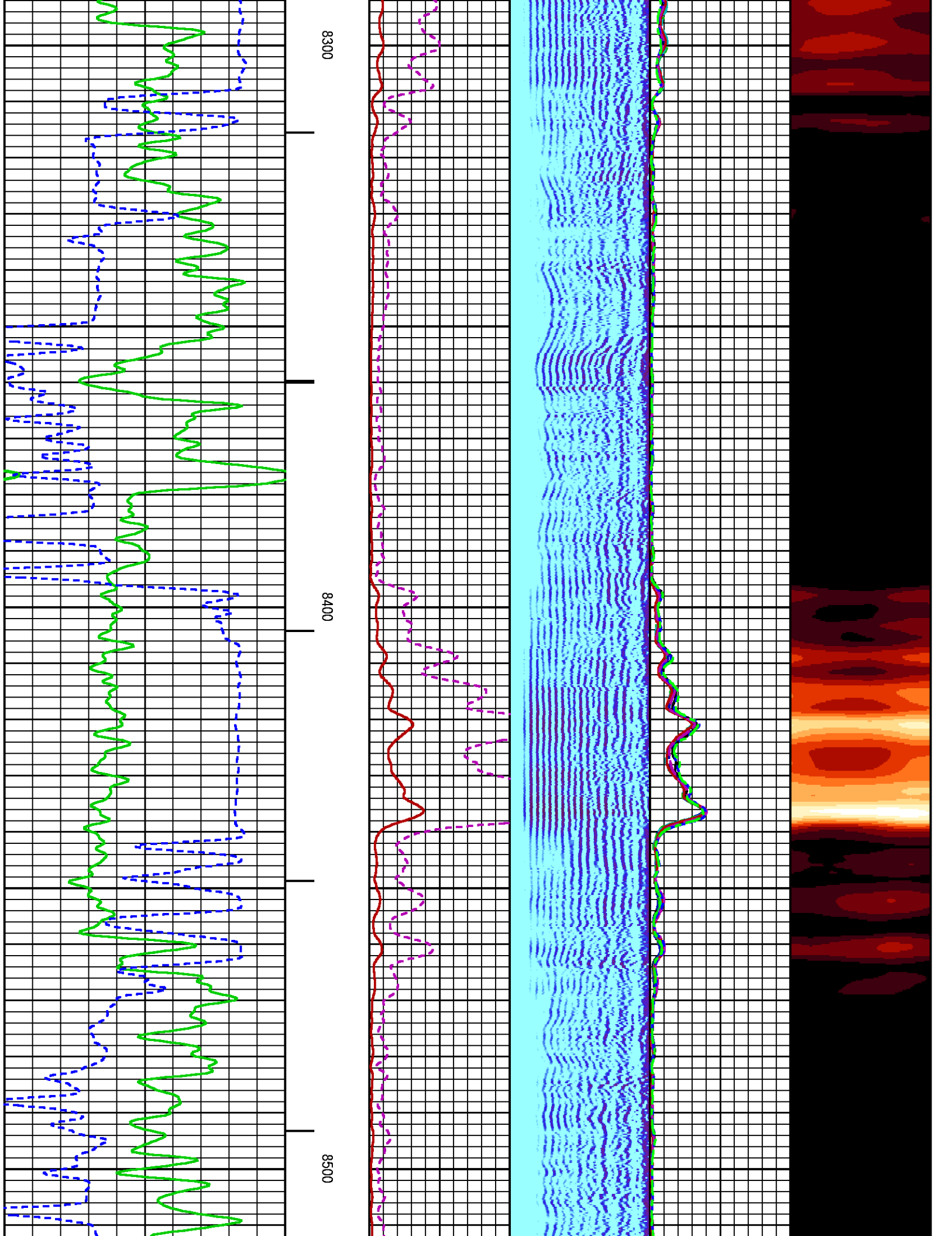


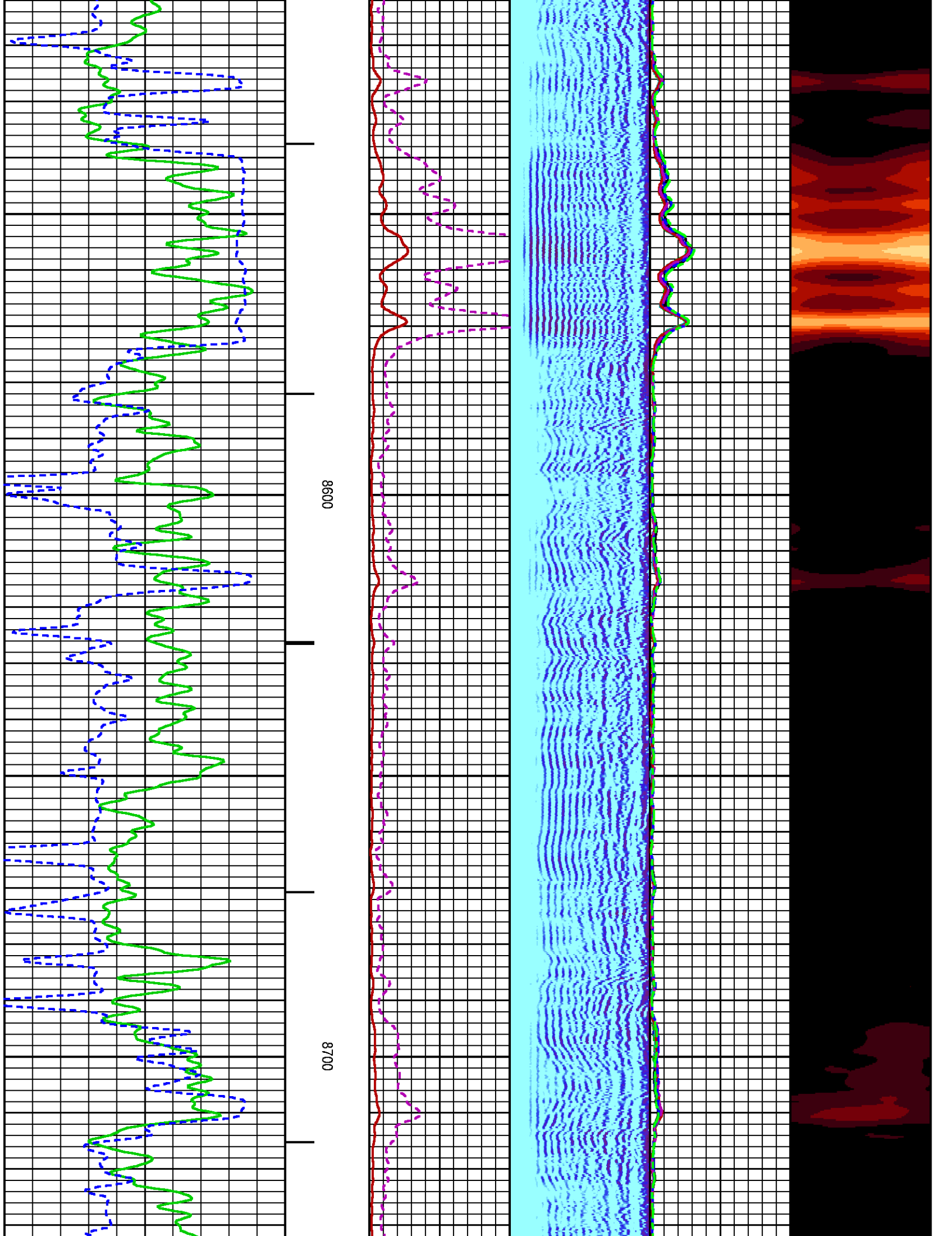


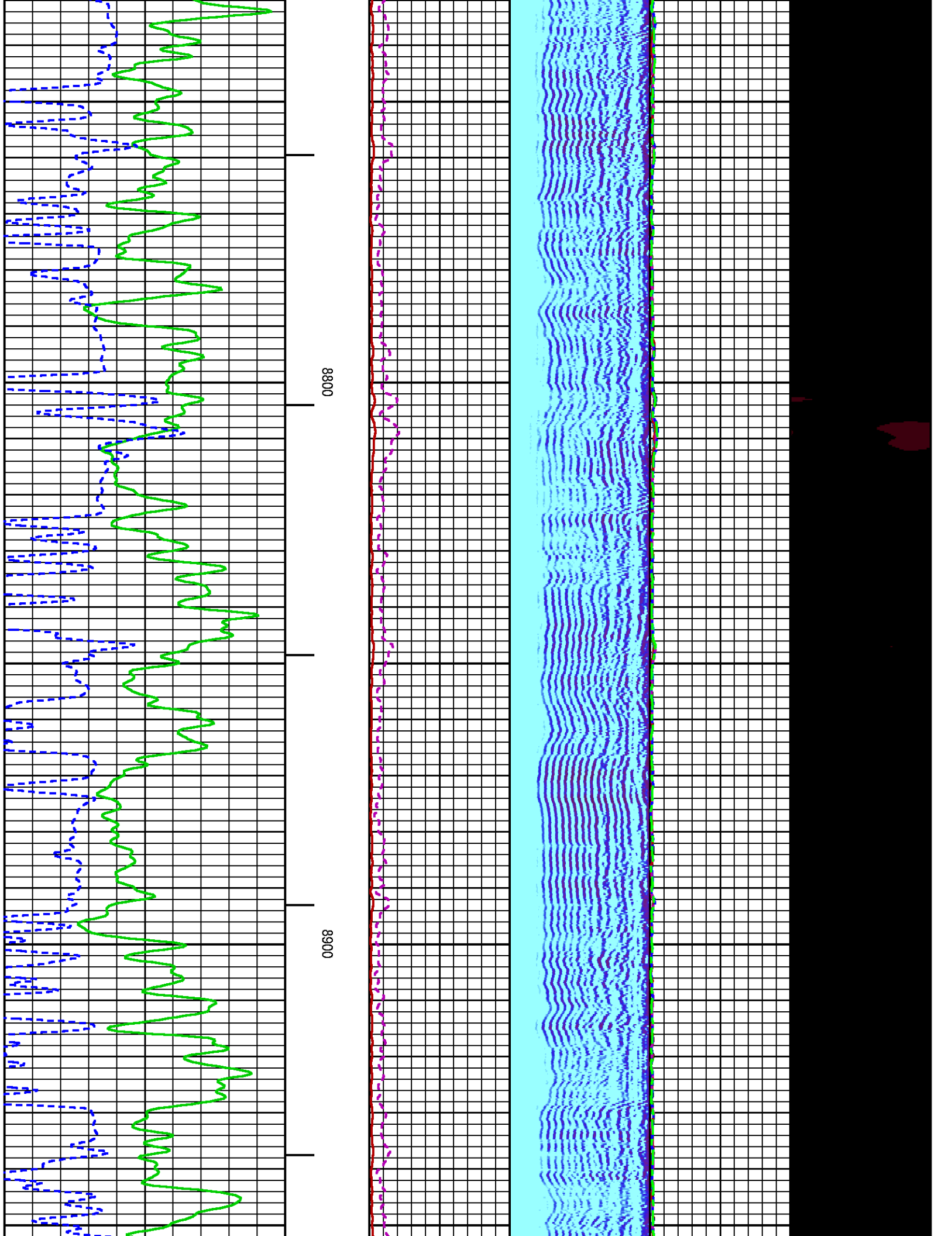


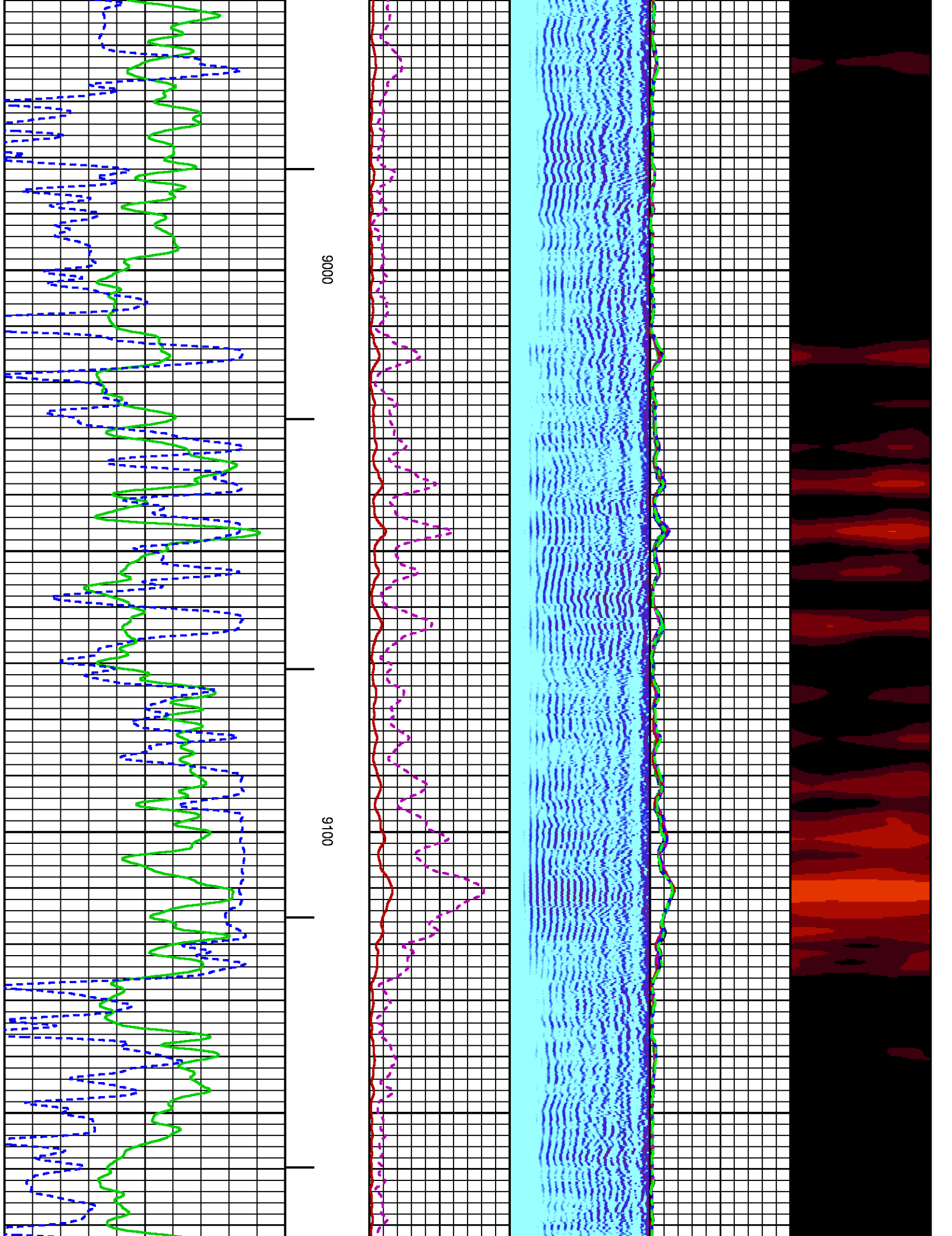


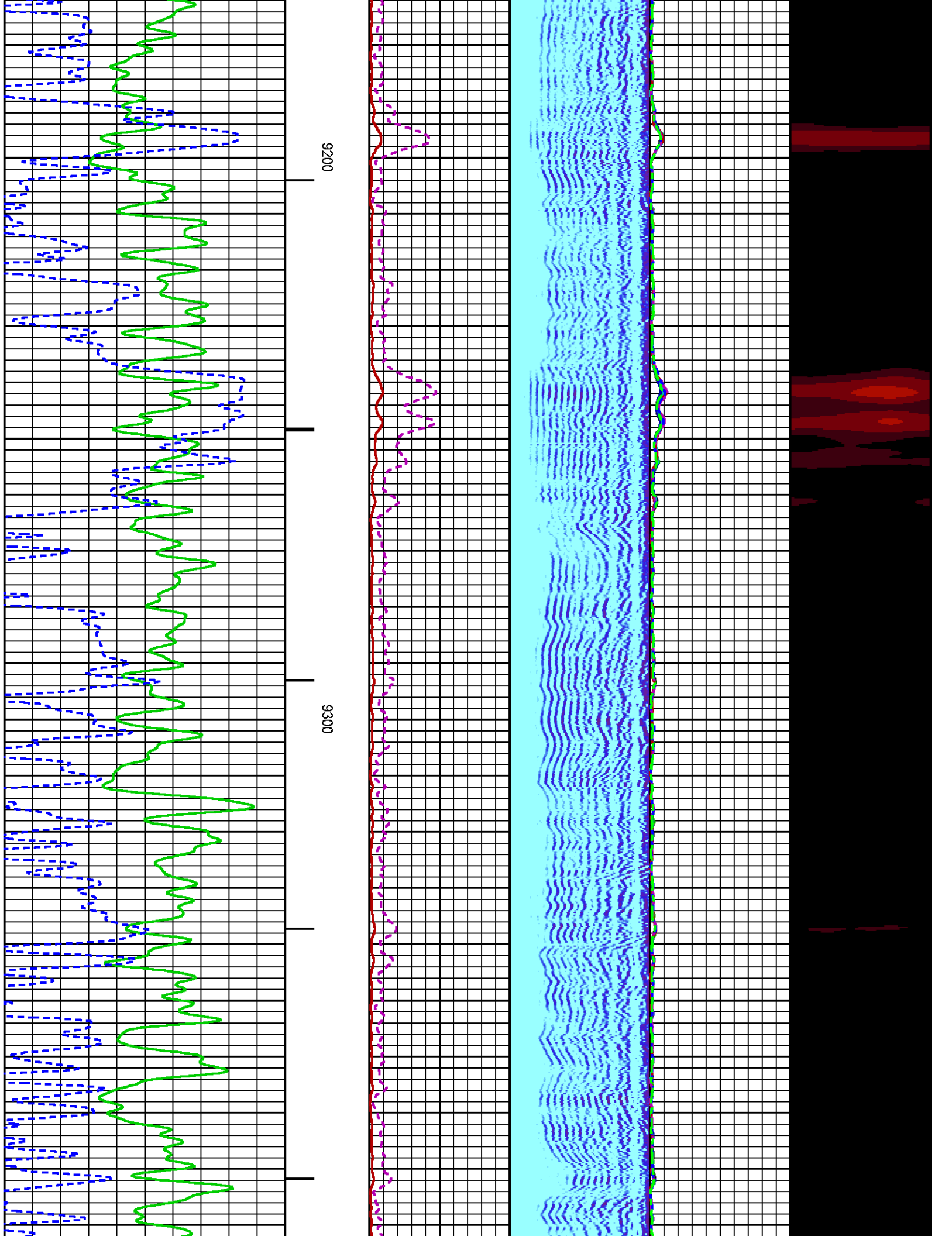


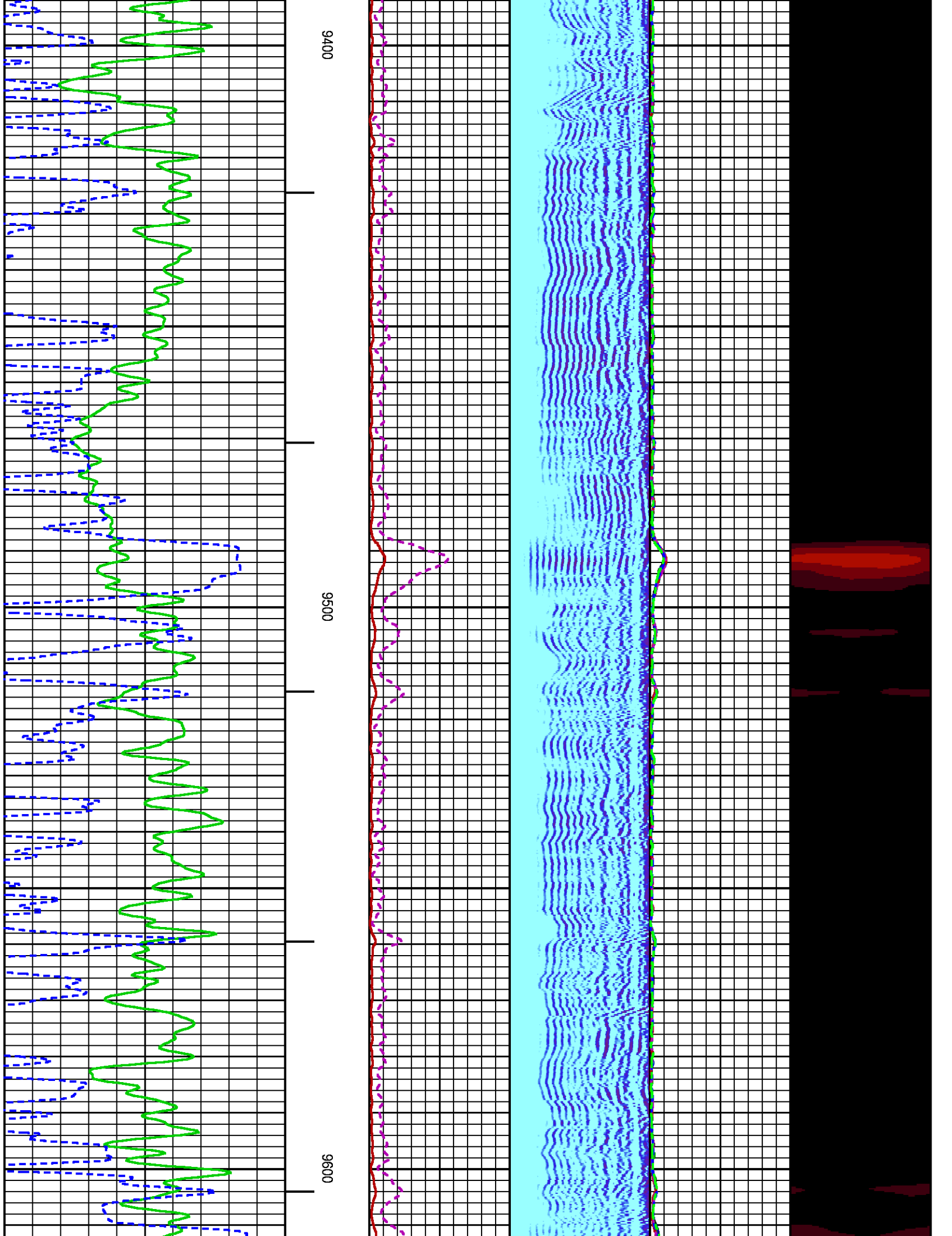


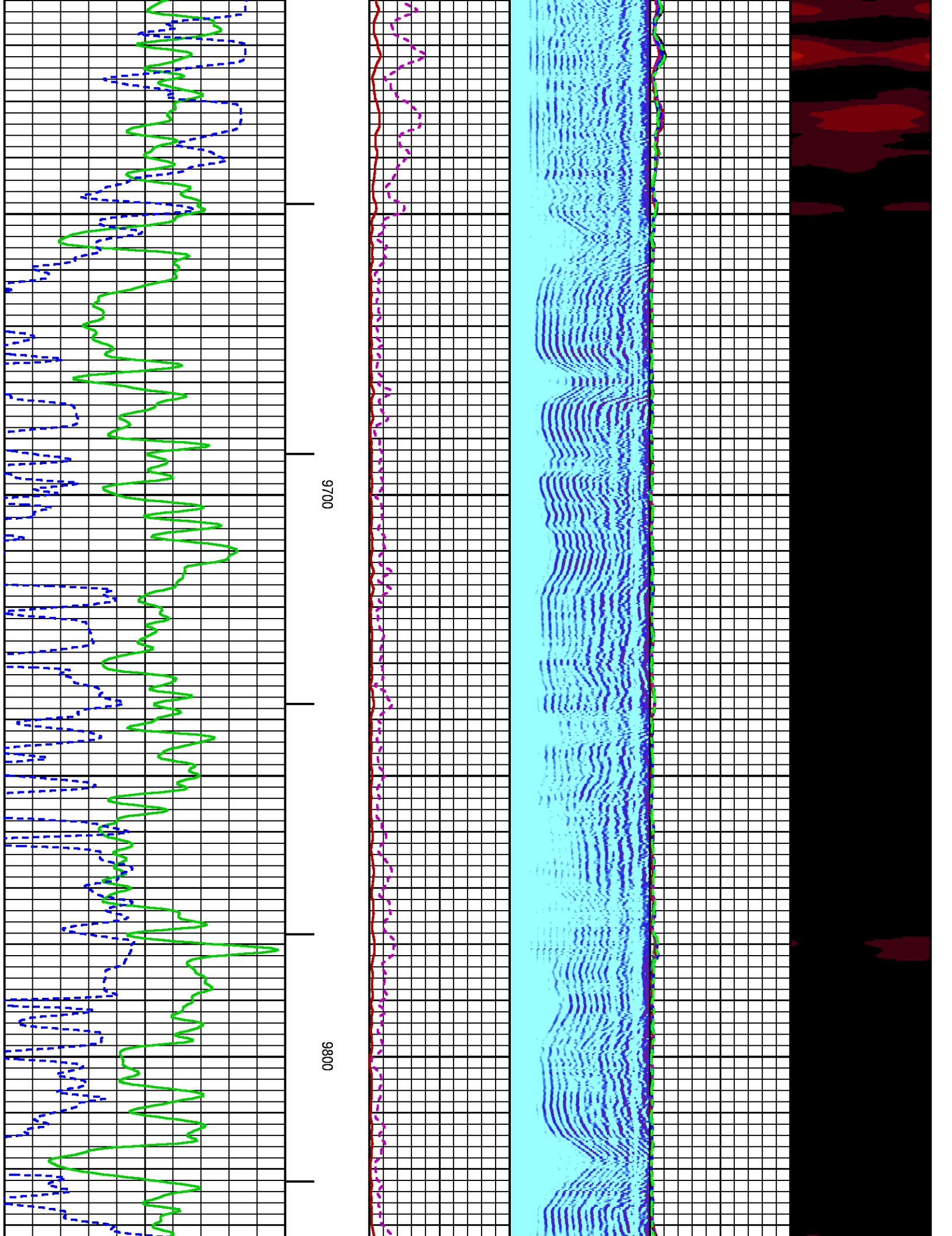


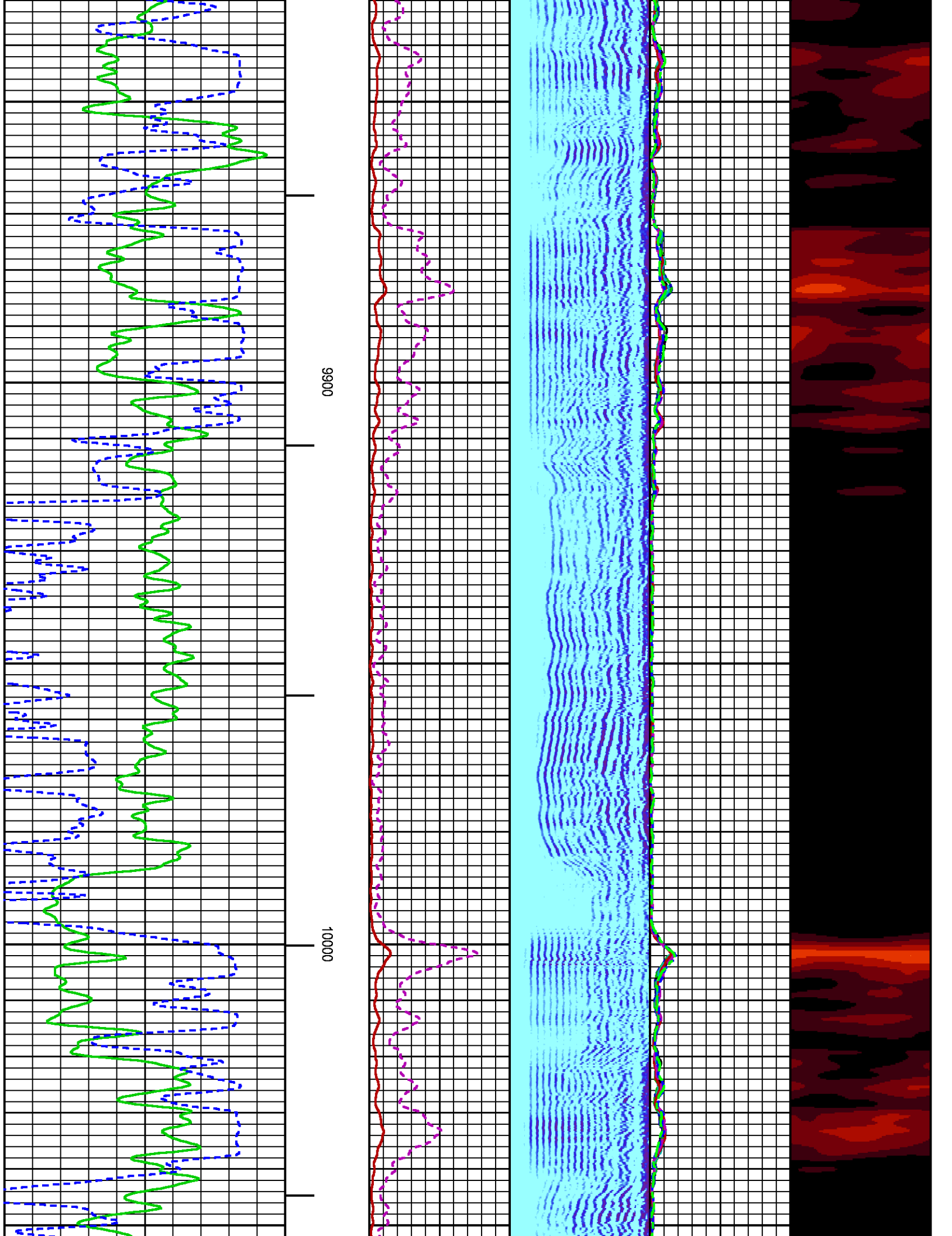


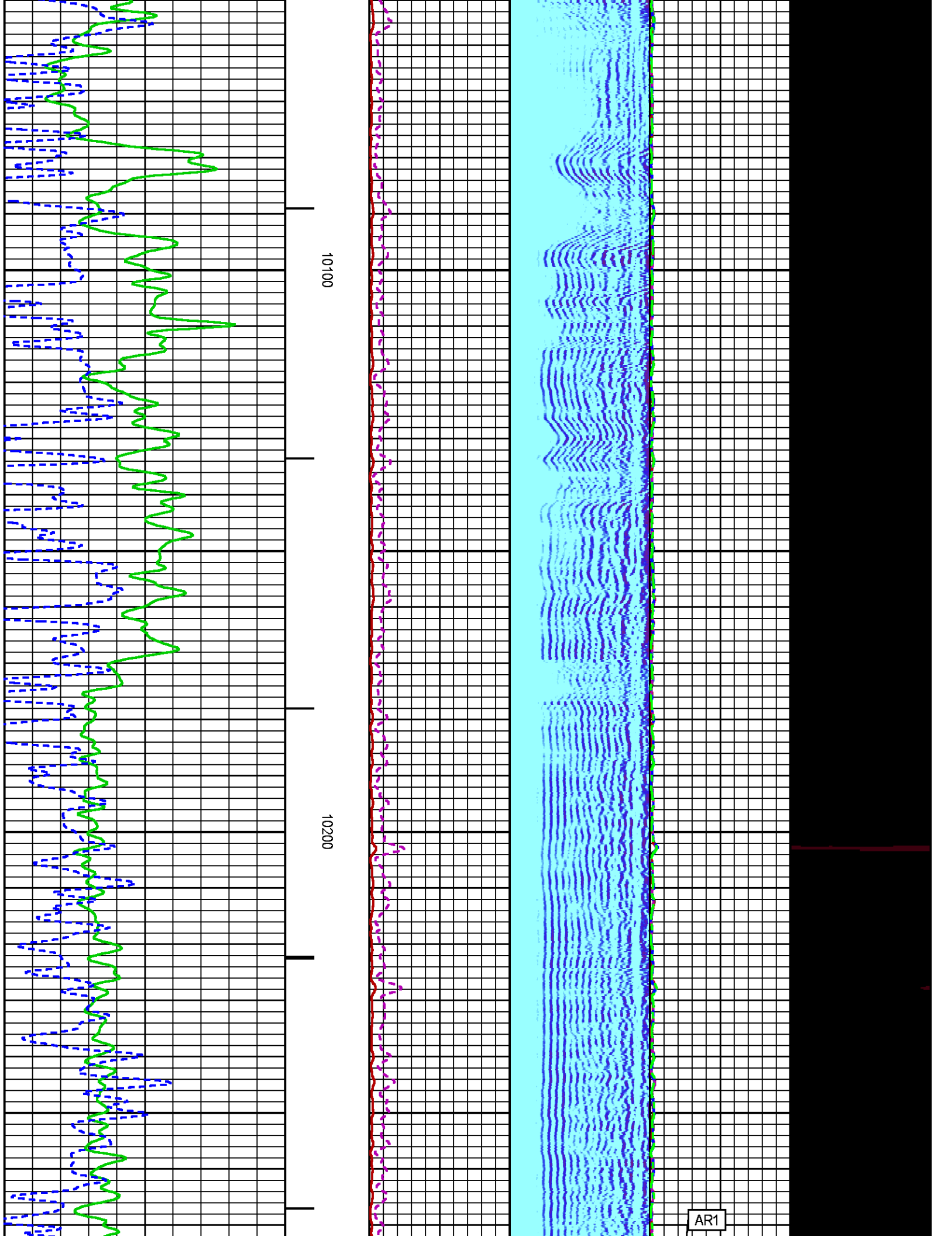


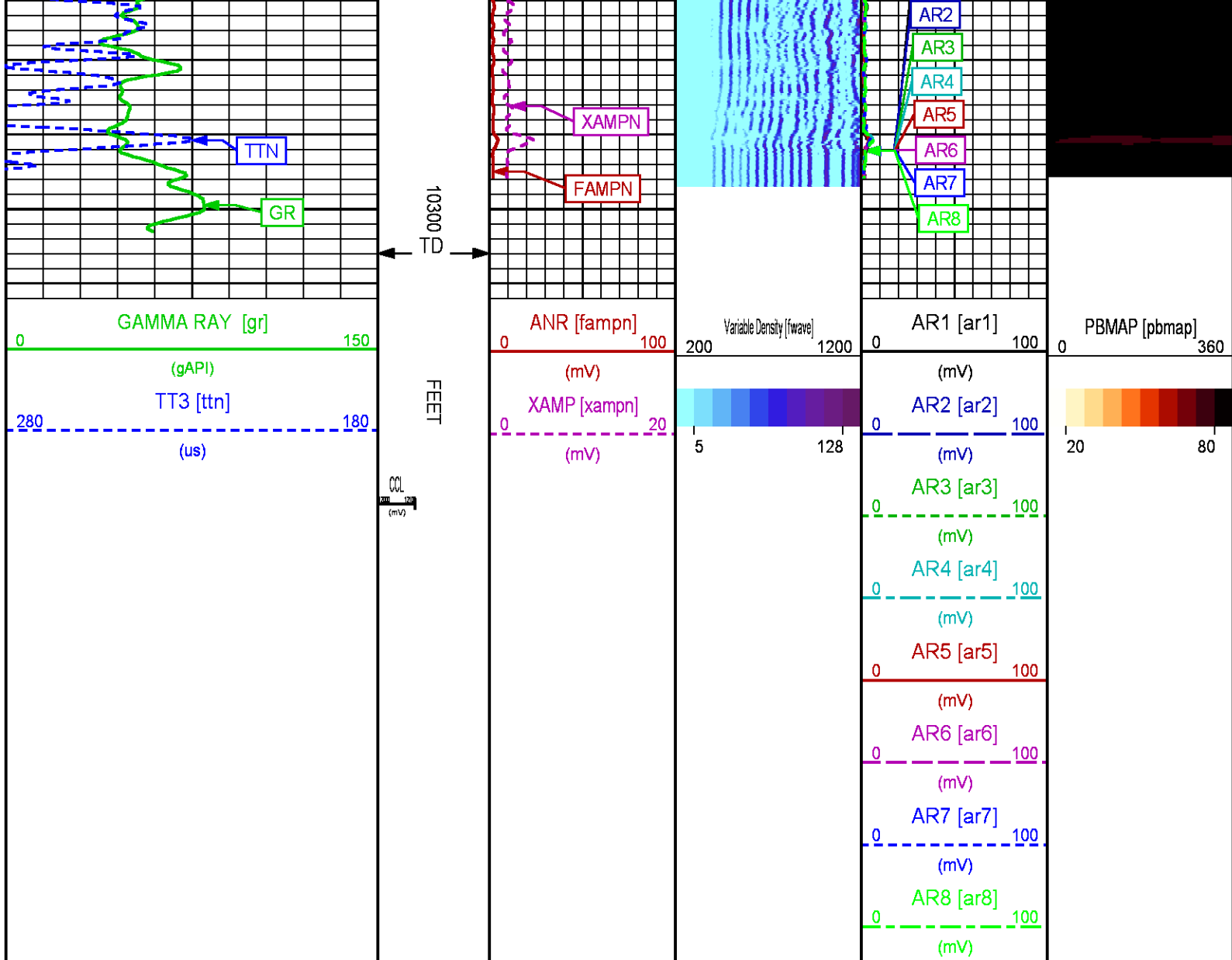












REPEAT LOG 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1 Patches: 4

Plotted: Wed Feb 11 13:30:24 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH094748/n012e01.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 9977.250 ft BOTTOM DEPTH: 10308.500 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

RAL CCL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	187	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*)	-72	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

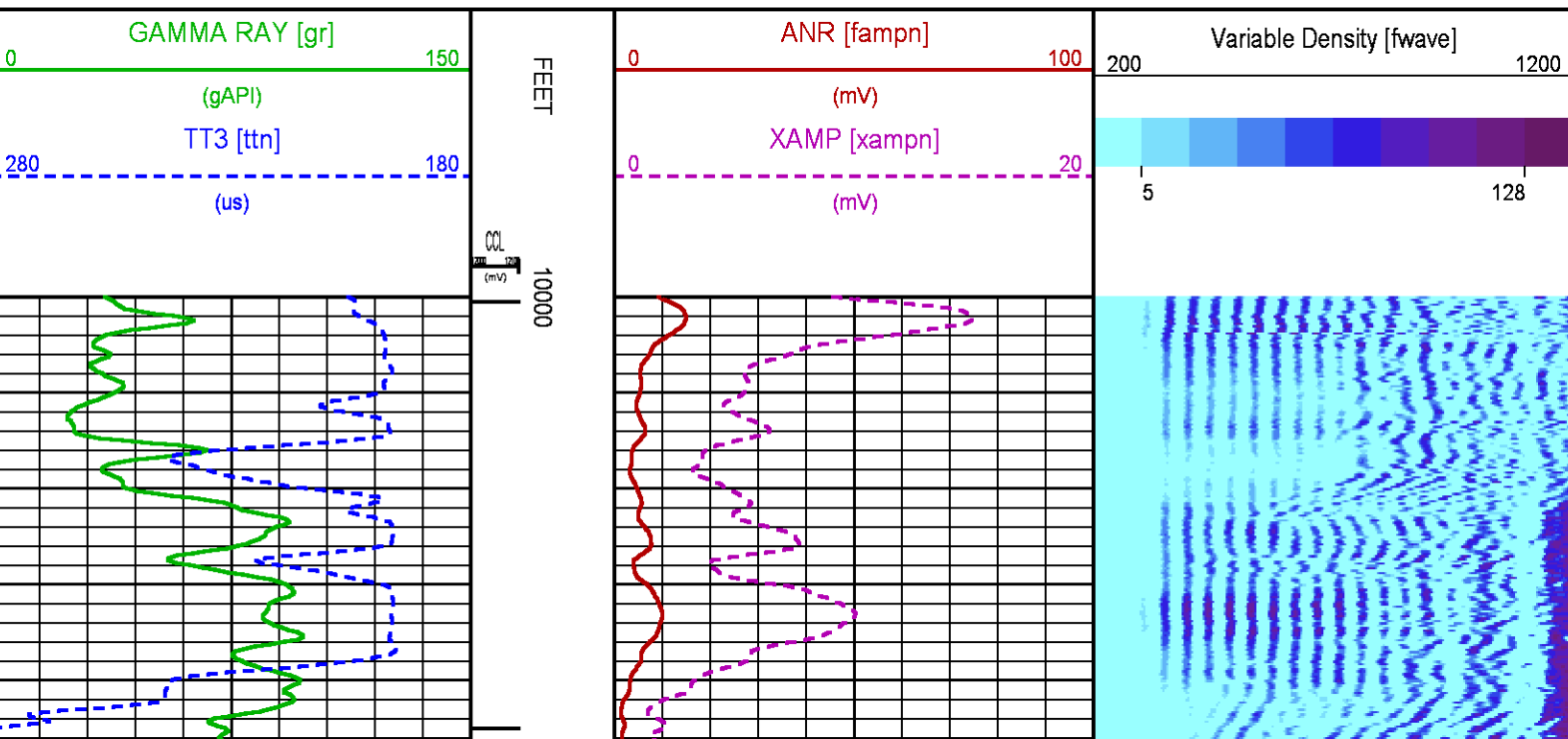
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Feb 11 09:15:15 2015	CASING COLLAR LOCATOR
F1:FAMPN	Feb 11 09:15:15 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Feb 11 09:15:15 2015	FAR WAVE FORM
F1:GR	Feb 11 09:15:15 2015	GAMMA RAY
F1:TTN	Feb 11 09:15:15 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Feb 11 09:15:15 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

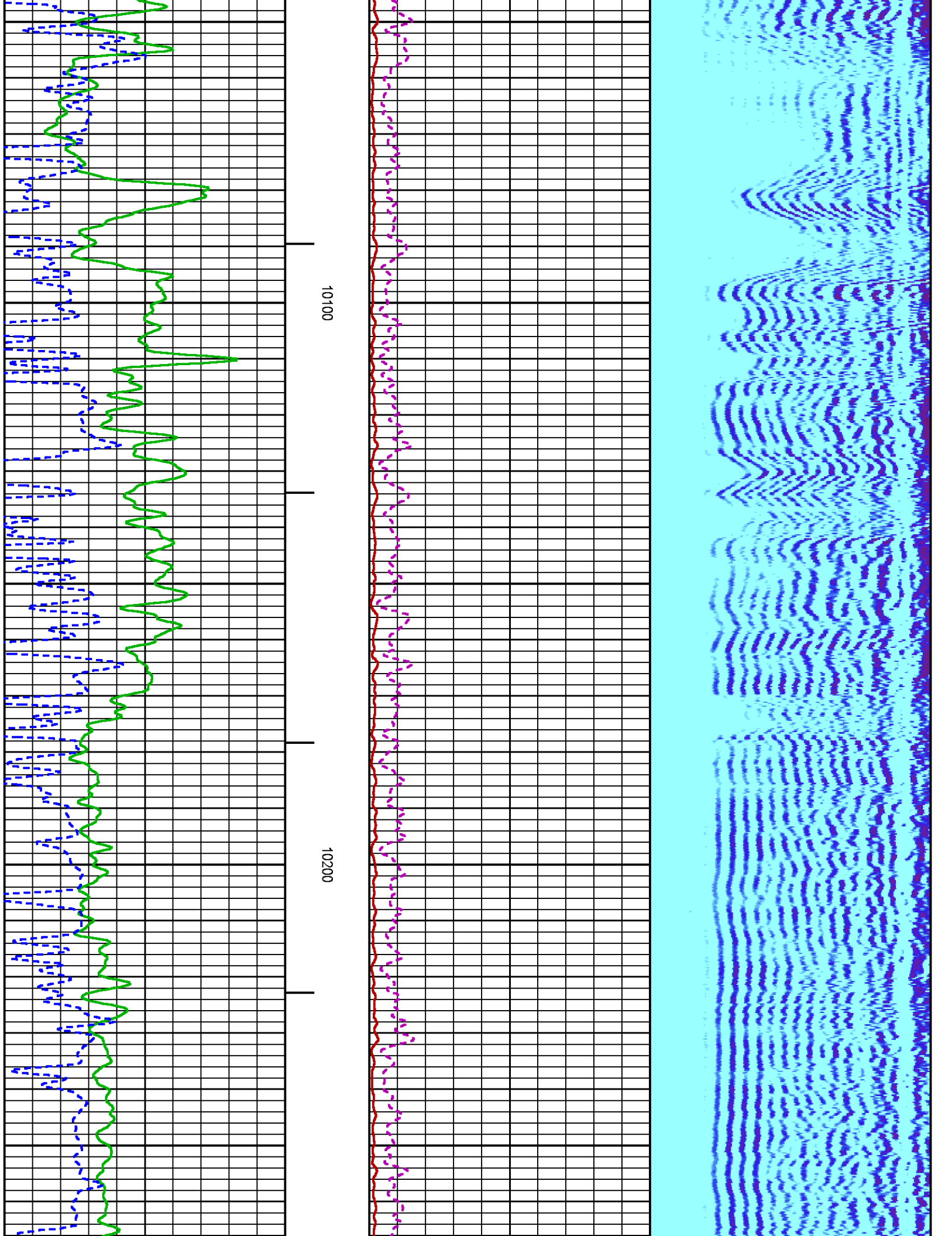
CURVE MEASURE POINT OFFSET

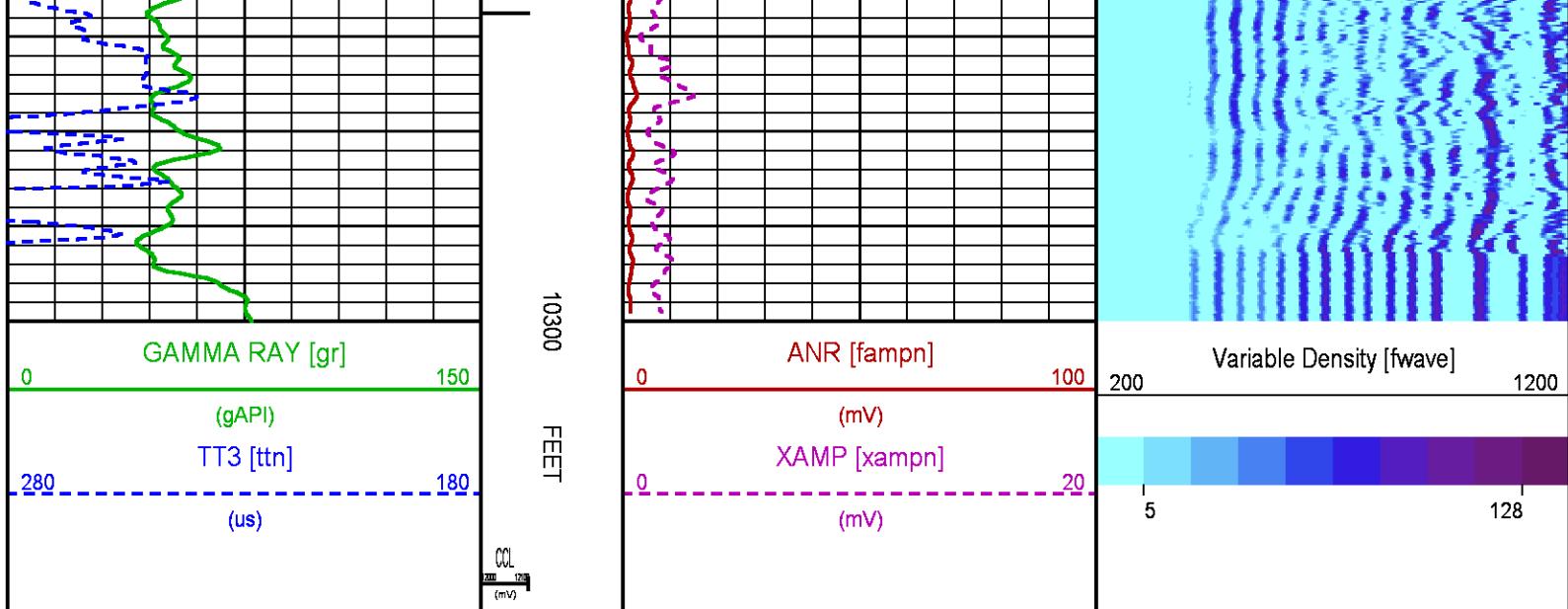
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

Presentation : HL6670:/dat1a/CH094748/41CBL_REPEAT.fvpdf [5"/100' Scale]
Plot Interval : 10000 - 10300 Feet

Data File 1 : F1 : HL6670:/dat1a/CH094748/41CBL_REPEAT.xtf
Created On : Feb 11 09:15:15 2015
Company : WPX ENERGY
Well : YOUNBERG RU 41-7
Field : RULISON
File Interval : 9969 - 10314 Feet
OCT : n012e







CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH094748/n012e.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10154957

DATE/TIME PERFORMED: Wed Feb 11 08:31:22 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)	-0.28	-0.48	-0.47	-0.61	-0.38	-0.38	-1.03	-0.77	-0.21	3.55	0.00
AMP FLUID (mV)	165	165	164	164	163	166	166	167	165	224	161
TT (us)	217	217	217	216	216	216	216	217	218	325	218
M FACTOR	0.60	0.60	0.61	0.61	0.61	0.60	0.60	0.60	0.60	0.68	0.62

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10154957

DATE/TIME PERFORMED: Wed Feb 11 08:35:59 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	1.09	0.62	0.58	0.66	0.64	0.89	0.66	0.58	0.71	2.06	0.00
AMP AIR	-0.33	0.12	0.03	0.04	-0.29	-0.50	0.13	-0.10	-0.07	-0.96	100.46

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
0.62	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

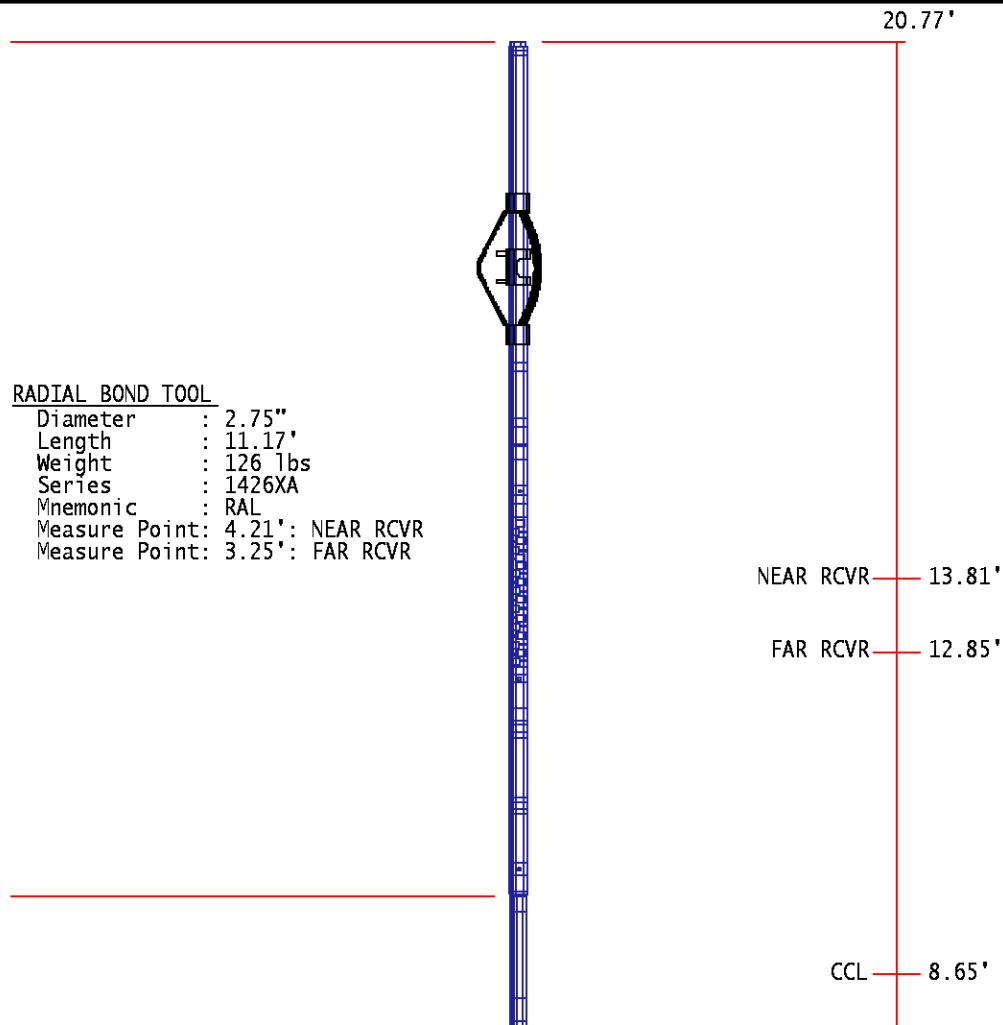
UNIT #: 3880TA HL6670

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

Source File: /dat1a/CH094748/CBL-tdg



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




GR 6.79'

NEU 1.40'

0.00'

BULL PLUG 2 3/4

TOTAL LENGTH: 20.77'
 TOTAL WEIGHT: 248 lbs
 MAX DIAMETER: 0'4.00"

	COMPANY <u>WPX ENERGY</u>		FILE NO:
	WELL <u>YOUBERG RU 41-7</u>		<u>CH094748</u>
	FIELD <u>RULISON</u>		API NO:
	COUNTY <u>GARFIELD</u>	STATE <u>CO</u>	<u>05045223500000</u>
LOCATION:		ELEVATIONS:	<u>7 7S 93W</u> <u>RU 42-7 PAD</u> <u>NABORS 574</u>
SHL: 2441' FNL & 389' FEL		KB <u>7763 FT</u>	
BHL: 285' FNL & 464' FEL		DF	
SEC <u>7</u> TWP <u>7S</u> RGE <u>93W</u>		GL <u>7737 FT</u>	DATE <u>11-Feb-2015</u>