



FILE NO: CH096692	COMPANY WELL FIELD COUNTY	WPX ENERGY YOUBERG RU 444_7 RULISON GARFIELD	STATE COLORADO
API NO: 05045225110000			

Ver. 4.01 7 7S 93W RU 44-7 PAD NABORS 576	LOCATION: SHL: 1128' FSL & 1183' FEL BHL: 443' FSL & 766' FEL SEC 7 TWP 7 RGE 93W	OTHER SERVICES RPM
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PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	GL KB KB KB	ELEVATION 7917 FT 26 FT ABOVE P.D.	ELEVATIONS: KB 7943 FT DF GL 7917 FT
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DATE	03-Jul-2015
RUN	1
SERVICE ORDER	US096692
DEPTH DRILLER	9984 FT
DEPTH LOGGER	9953 FT
BOTTOM LOGGED INTERVAL	9943 FT
TOP LOGGED INTERVAL	26 FT
TIME STARTED	8:00
TIME FINISHED	11:00
OPERATOR RIG TIME	3 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	109 FT
LOGGED CEMENT TOP	SEE LOG
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	60 FMIN
MAX. RECORDED TEMP.	252 DEGF
REFERENCE LOG	NONE
REFERENCE LOG DATE	NA
EQUIP. NO.	6670
LOCATION	GRAND JCT.
RECORDED BY	P. EDWARDS
WITNESSED BY	B. O'DELL

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	1306 FT
8.75 IN	1306 FT	9984 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			26 FT	1306 FT
4.5 IN	11.6 LB/F	P-110	26 FT	9984 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 16 Feet.

Logged with zero PSI at wellhead.

BHT = 252 degF

SJ = 6321' - 6343'

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10417452	CENTRALIZED
1	1	CCL/GR	1355XA	11871508	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: Fri Jul 3 11:54:39 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096692/n012gR01.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 11.000 ft BOTTOM DEPTH: 9947.500 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	heavy (3)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

RAL CCL PROCESSING

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

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	30	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*)	-76	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	Jul 3 11:05:18 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jul 3 11:05:18 2015	FAR WAVE FORM
F1:GR	Jul 3 11:05:18 2015	GAMMA RAY
F1:TTN	Jul 3 11:05:18 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

CURVE MEASURE POINT OFFSET

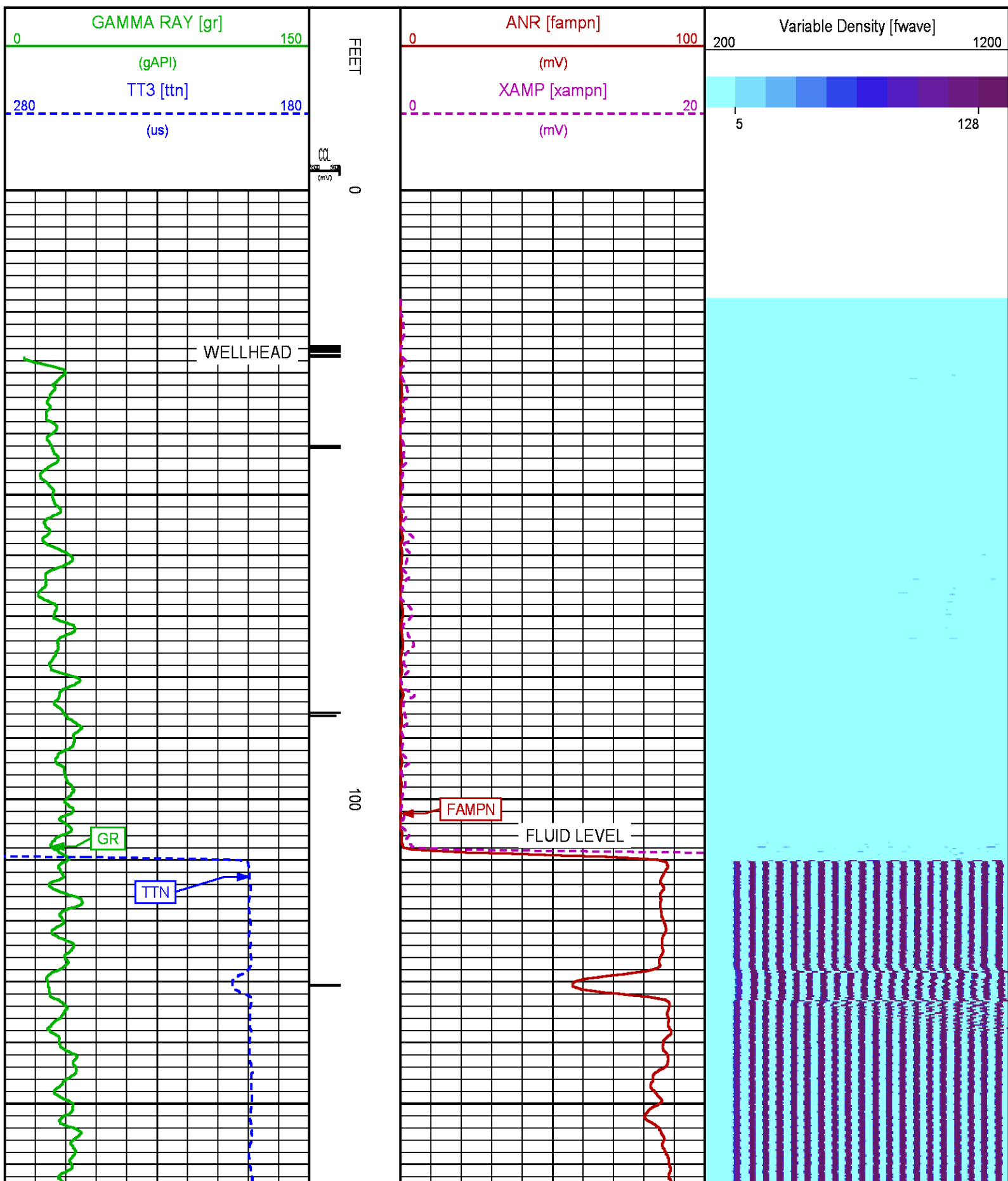
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	5.75	GR	1.75	XAMPN	11.25		
FAMPN	11.25	TTN	11.25				

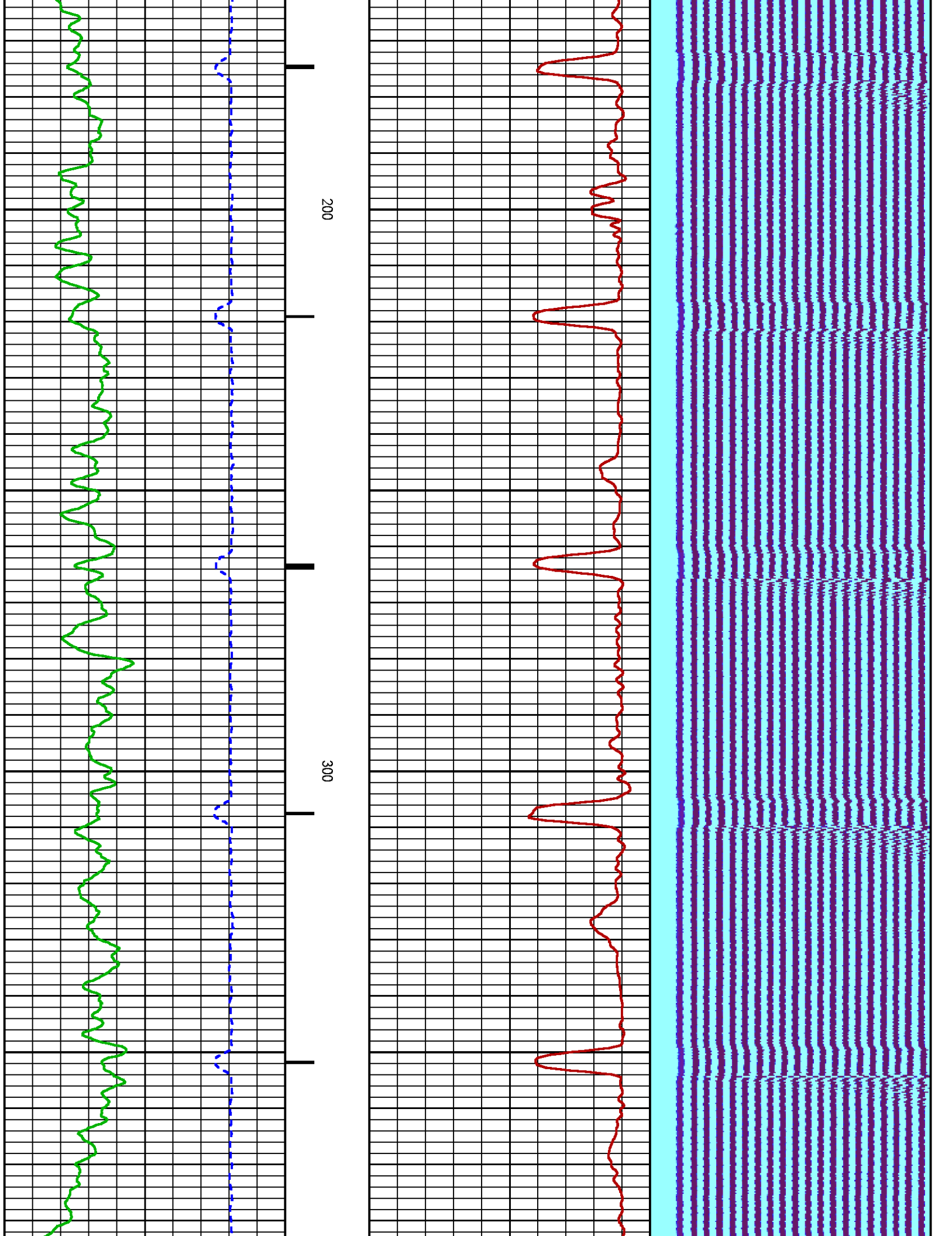
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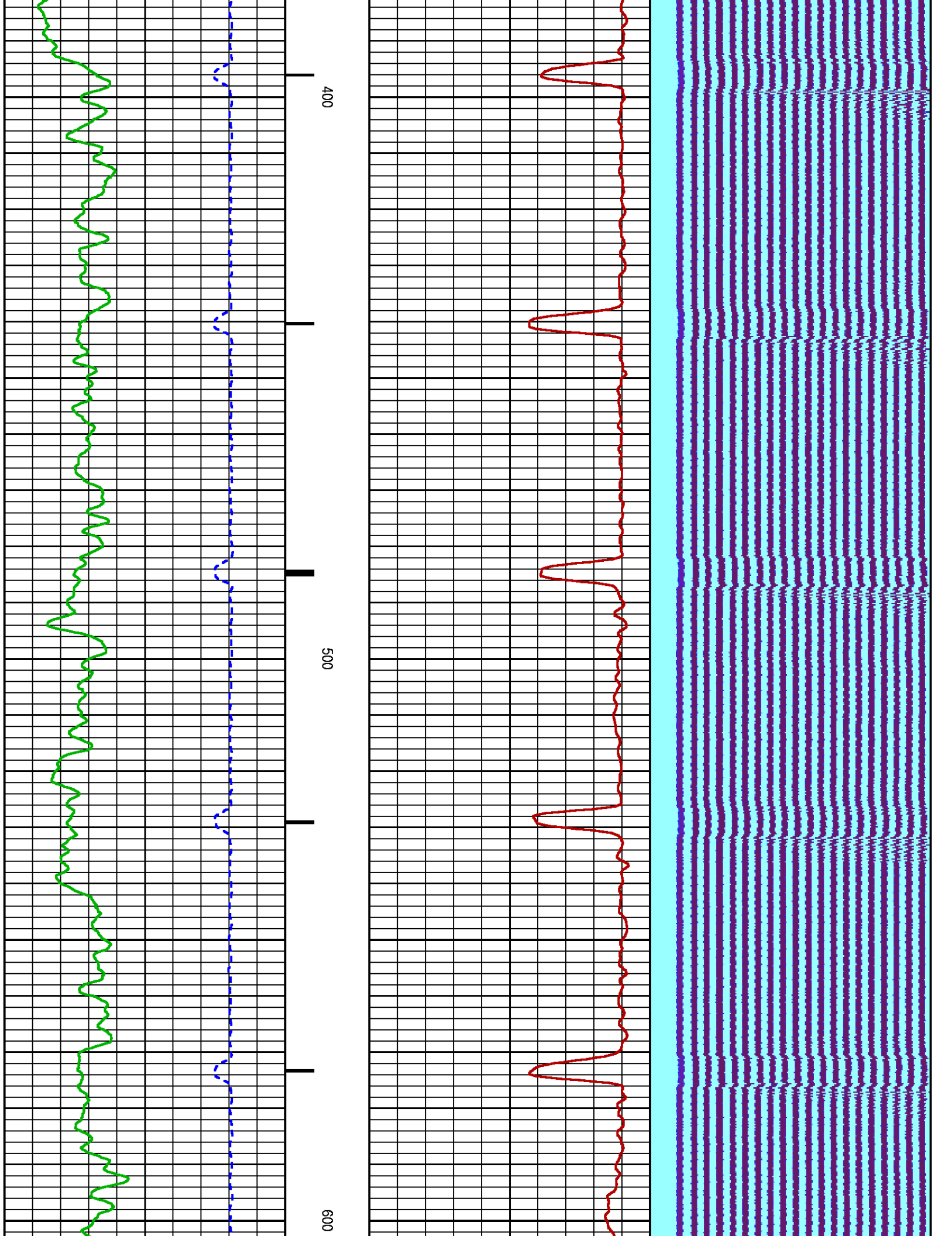
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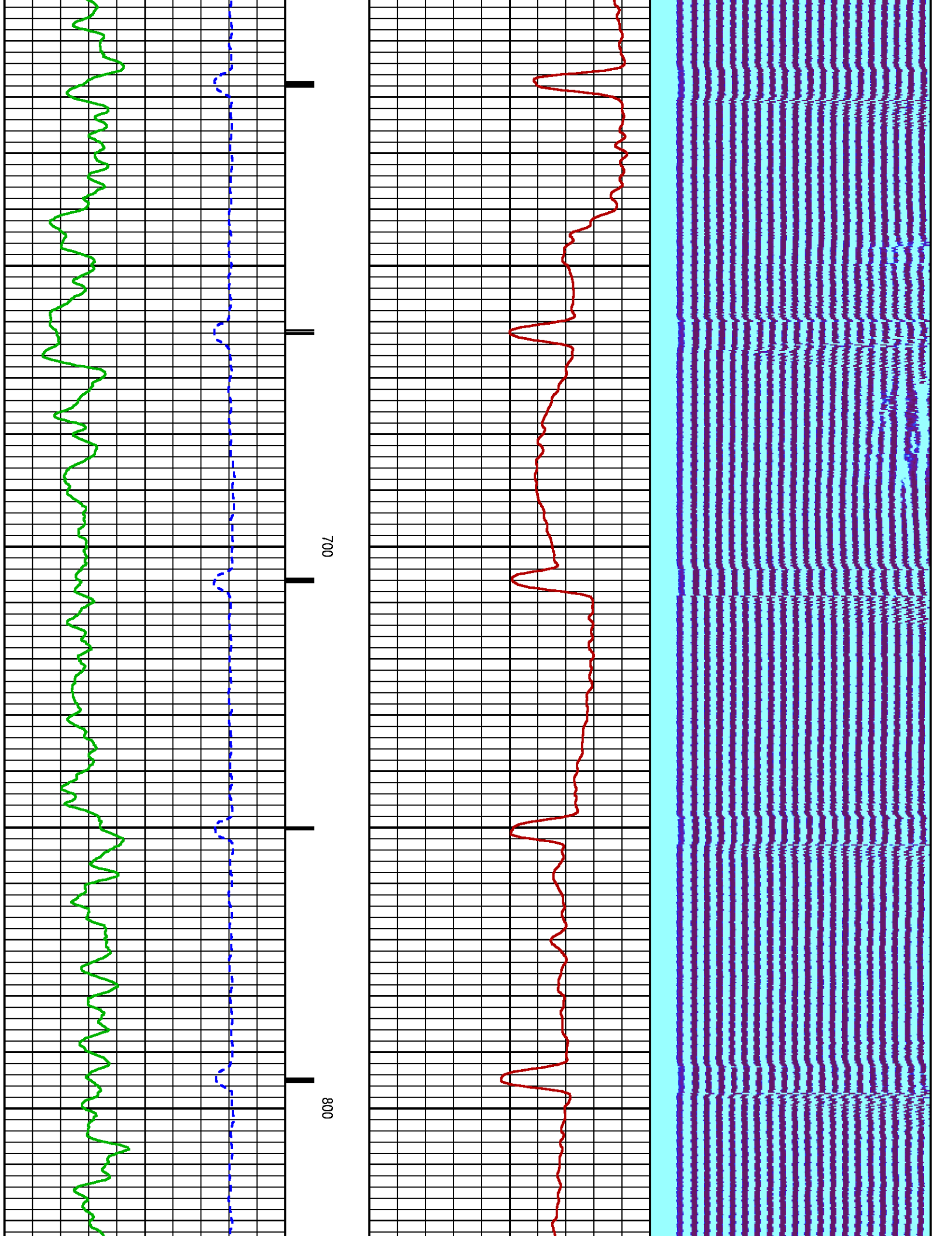
Plot Interval : 0 - 9950 Feet

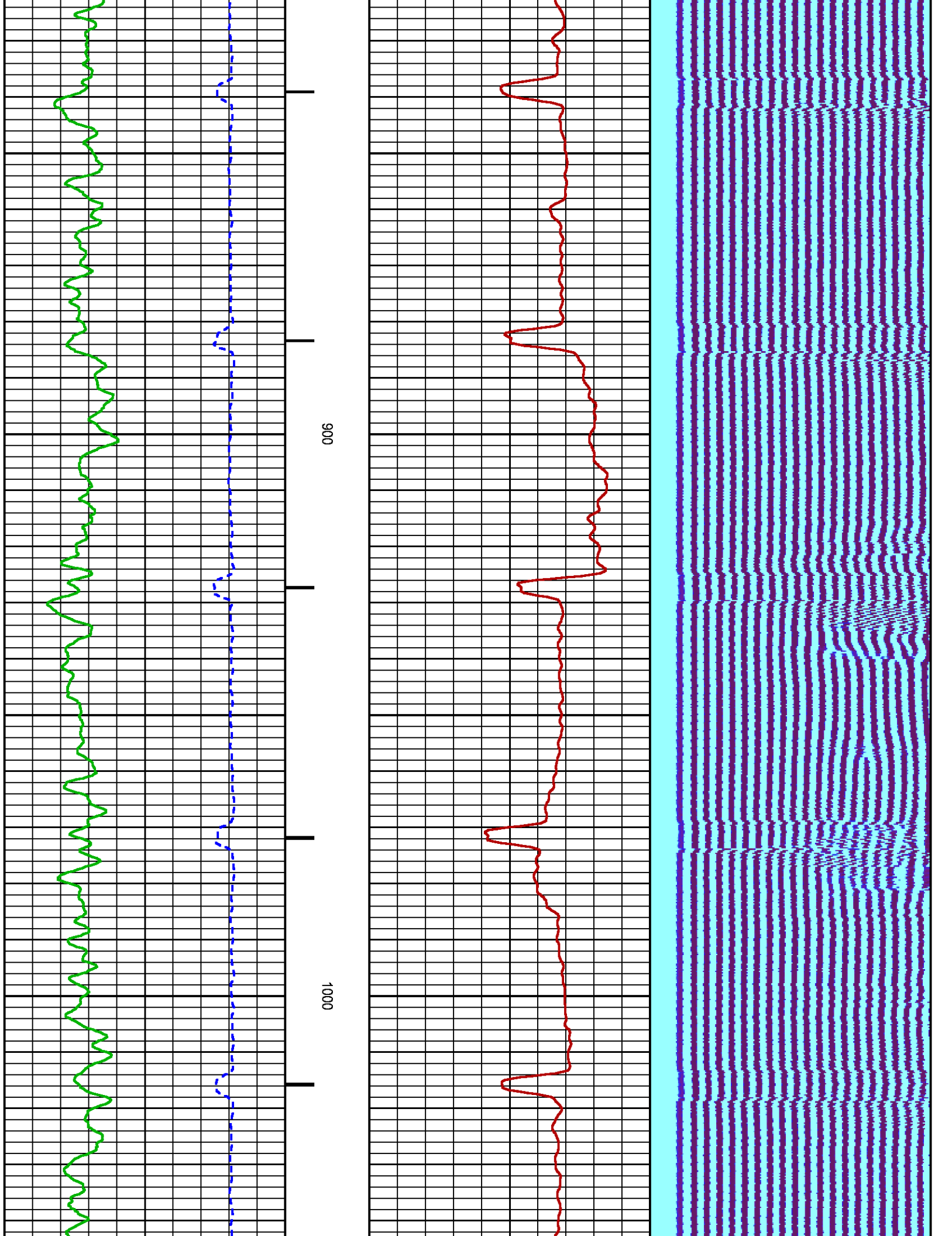
Data File 1 : F1 : HL6670:/dat1a/CH096692/n012gR01MAIN444.xtf
Created On : Jul 3 11:05:18 2015
Company : WPX ENERGY
Well : YOUNBERG RU 444_7
Field : RULISON
File Interval : 16.75 - 9964.5 Feet
OCT : n012g

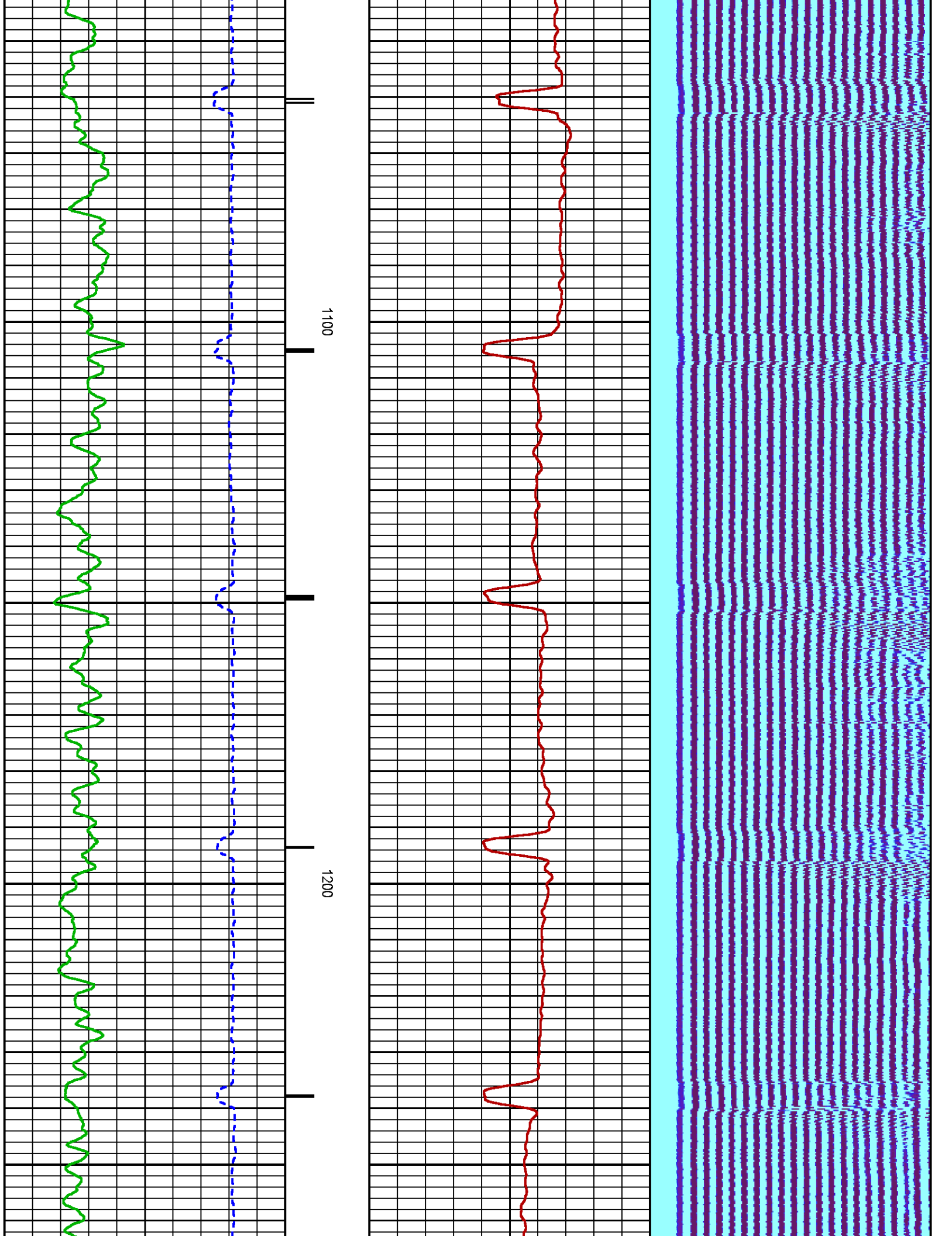


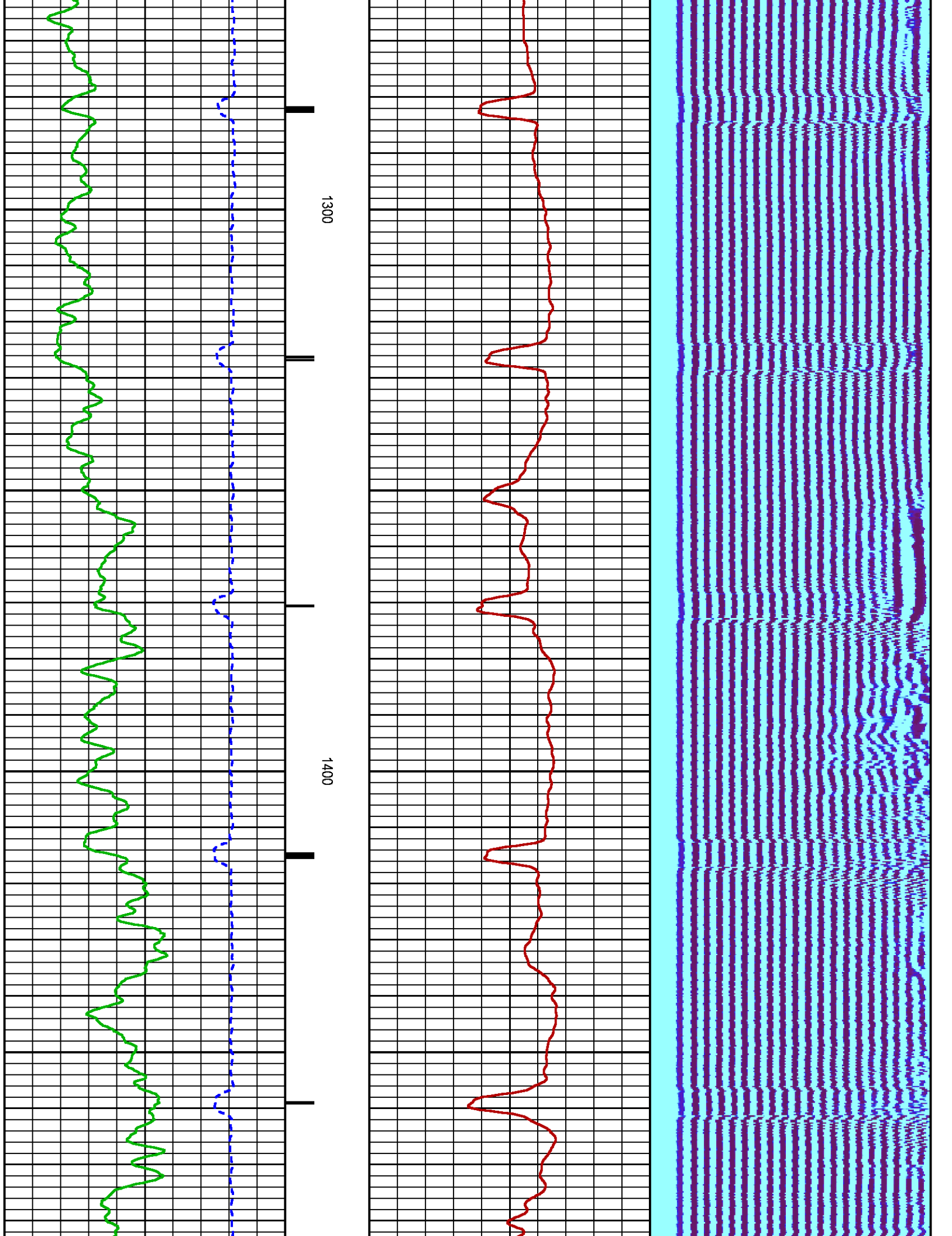


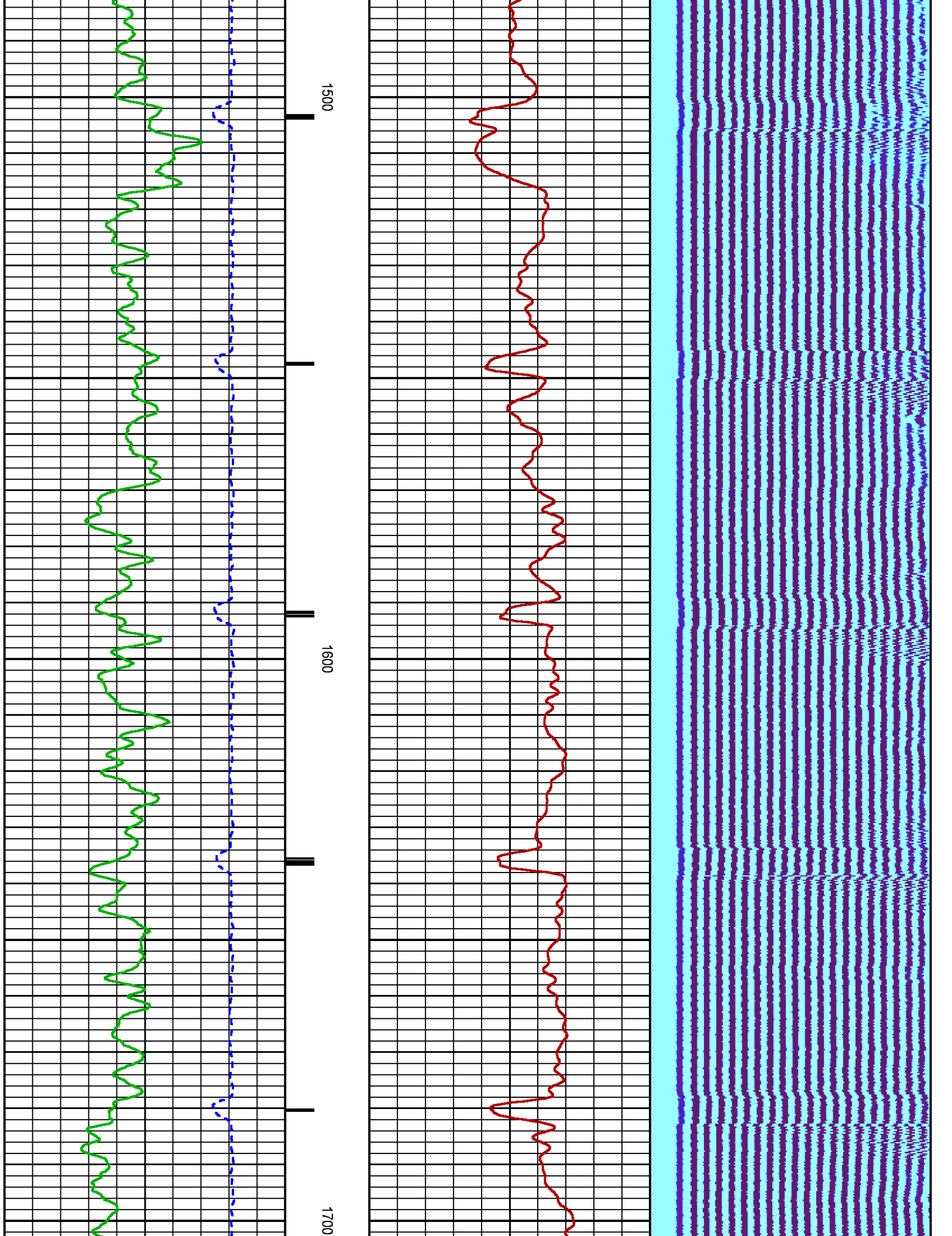


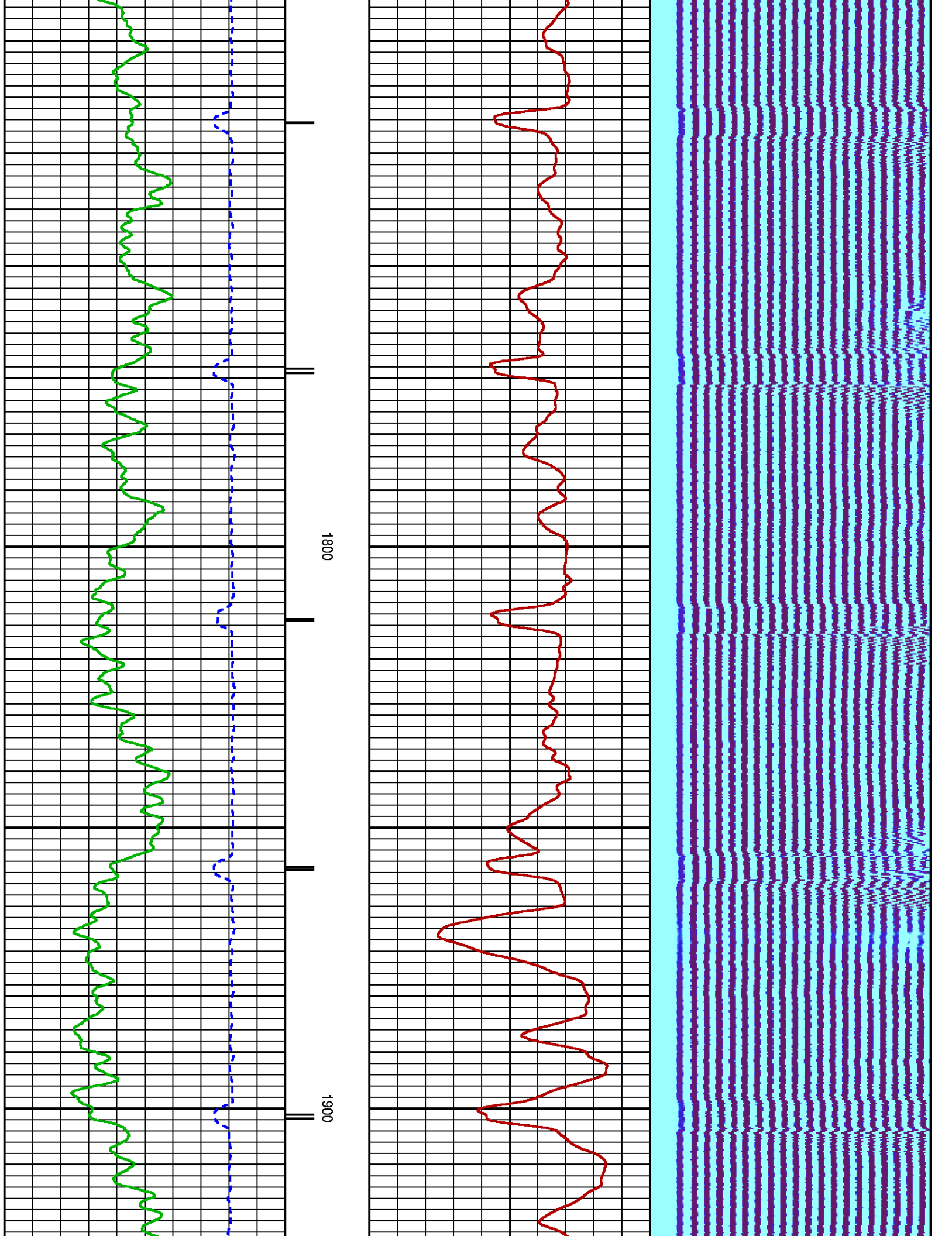


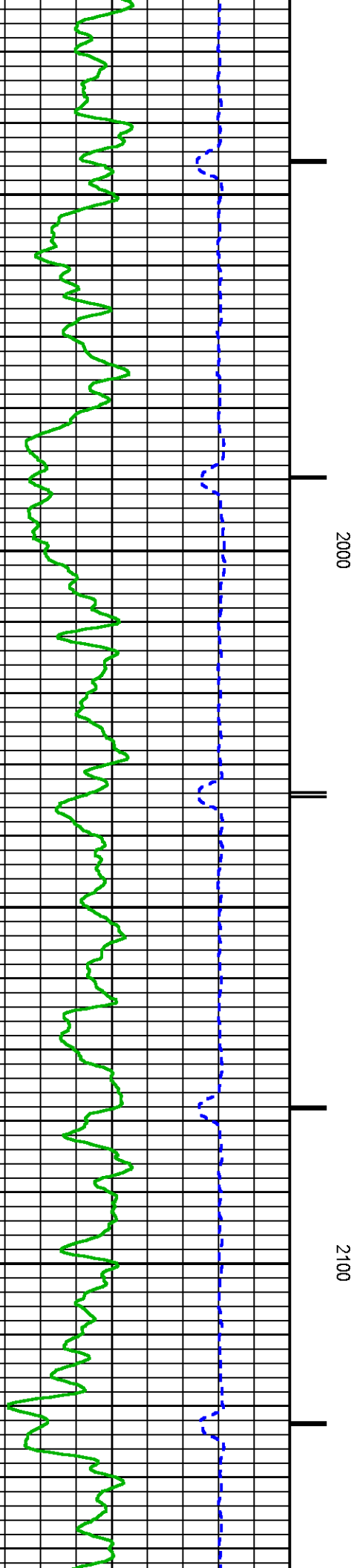
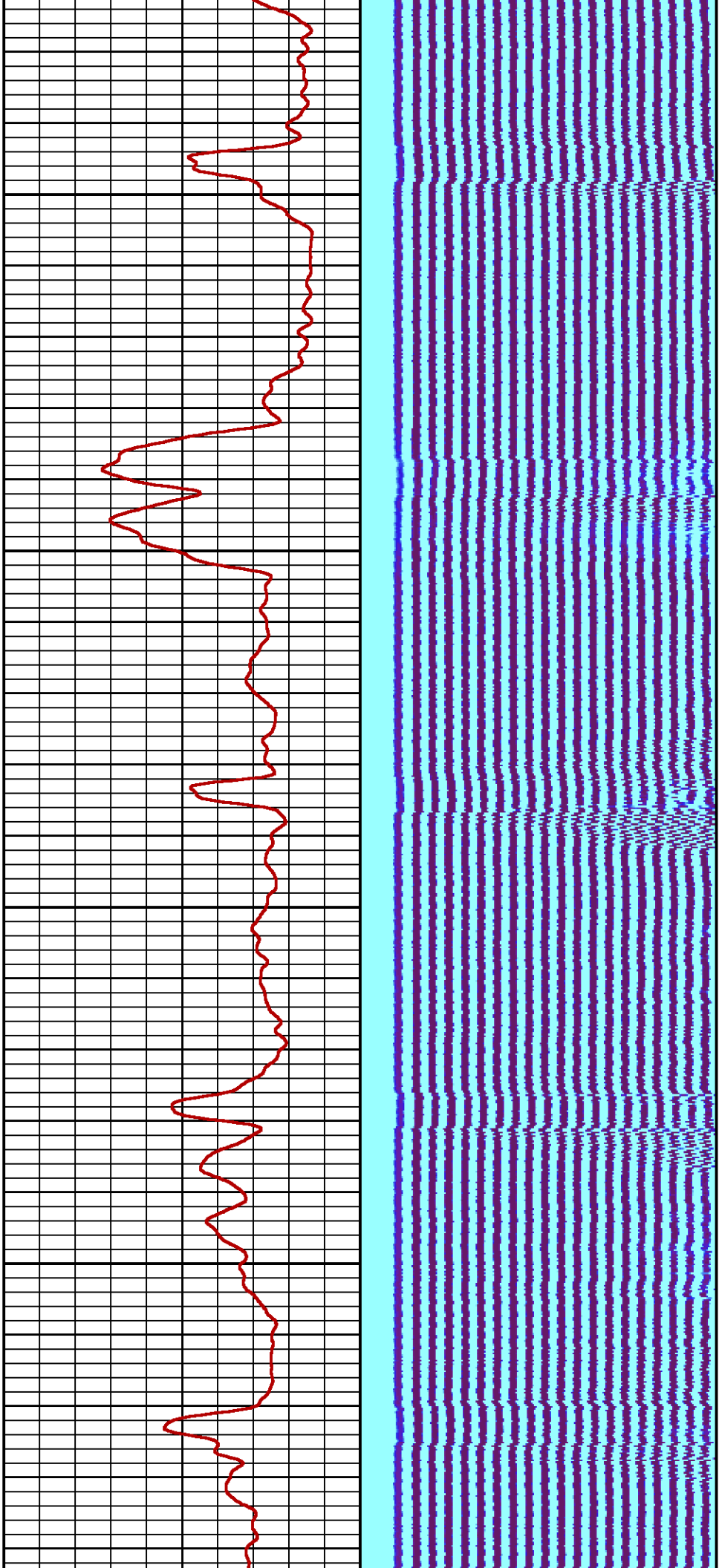


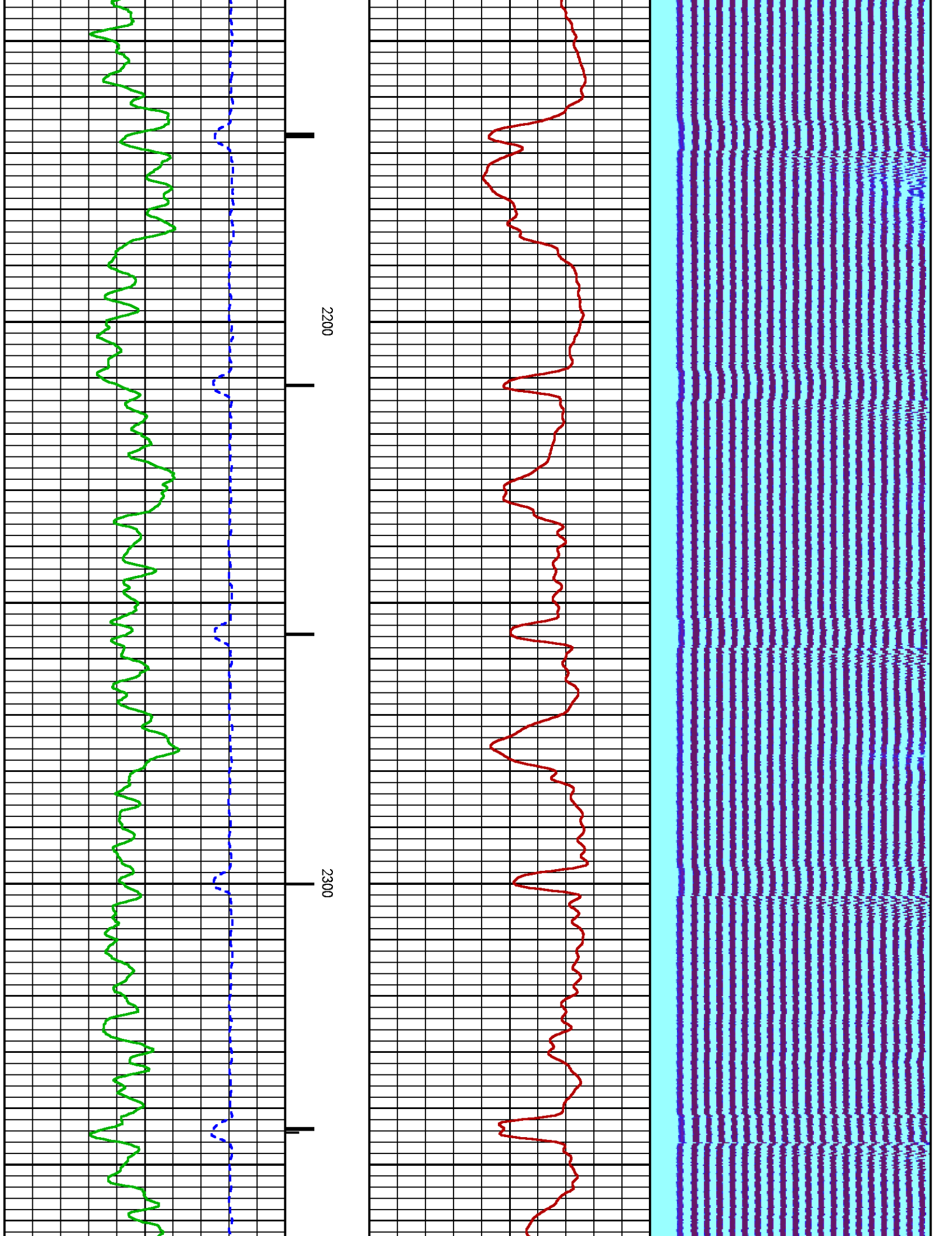


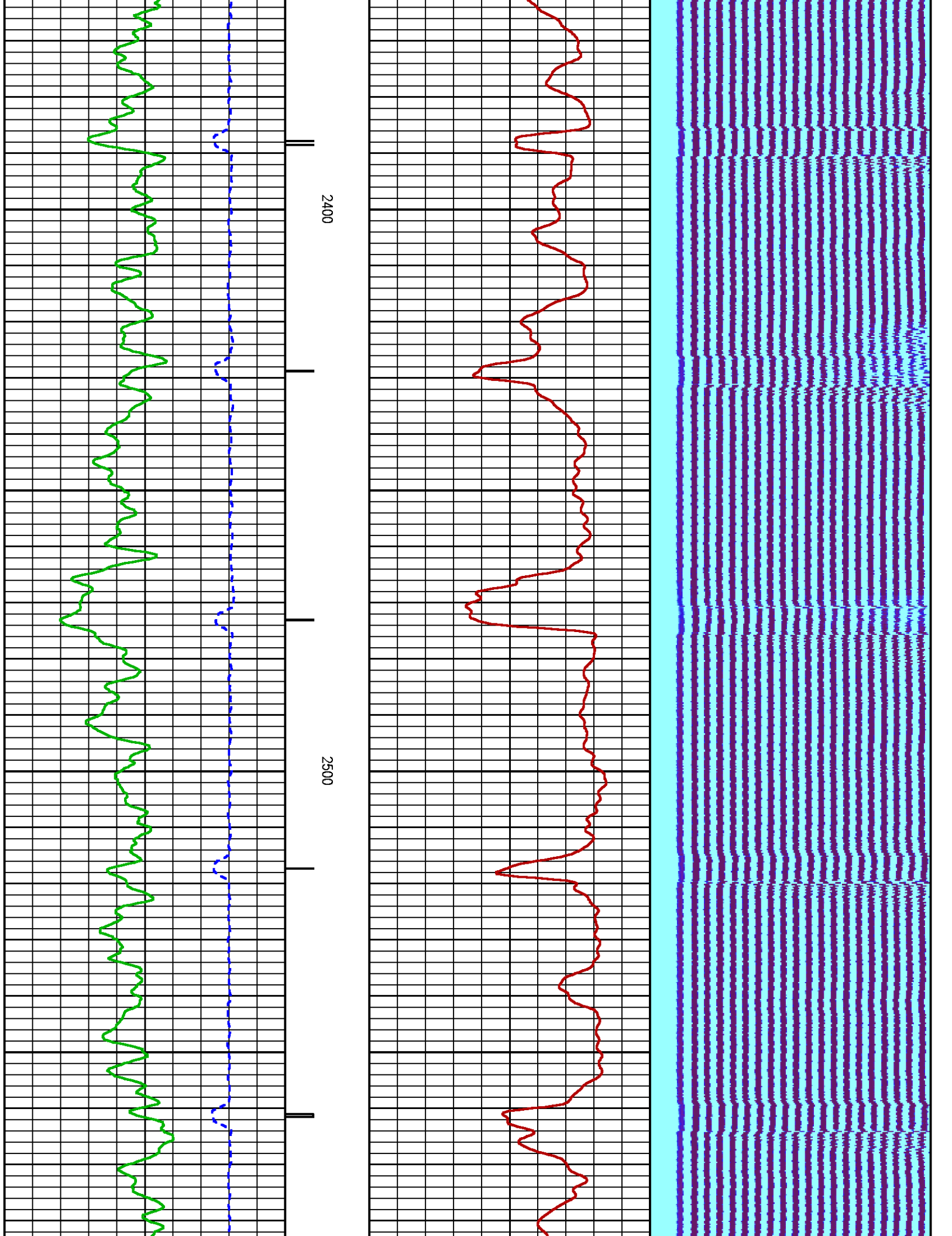


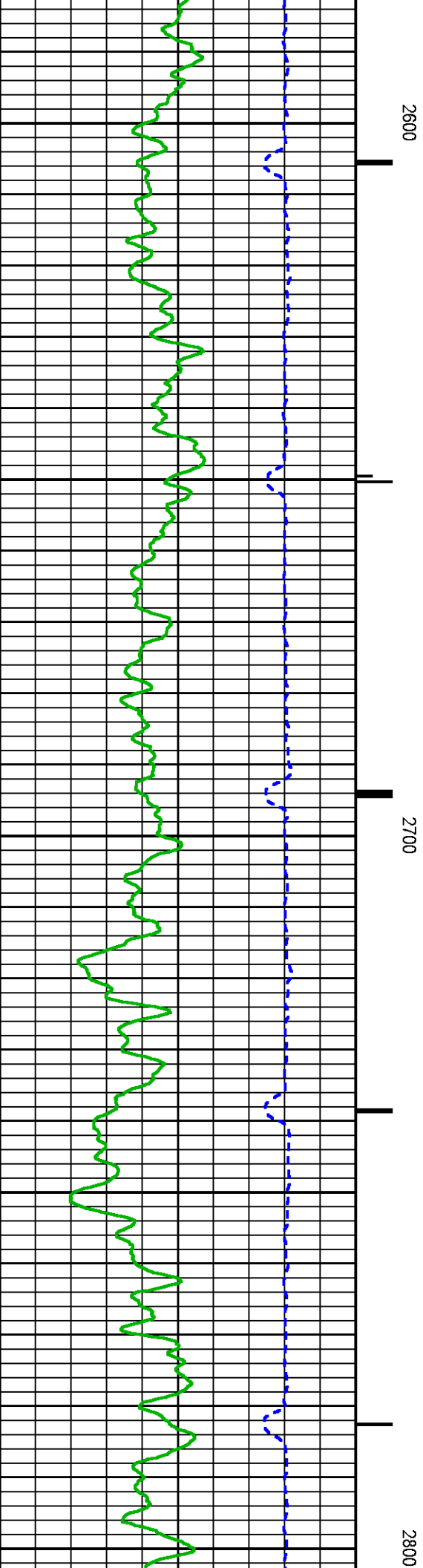
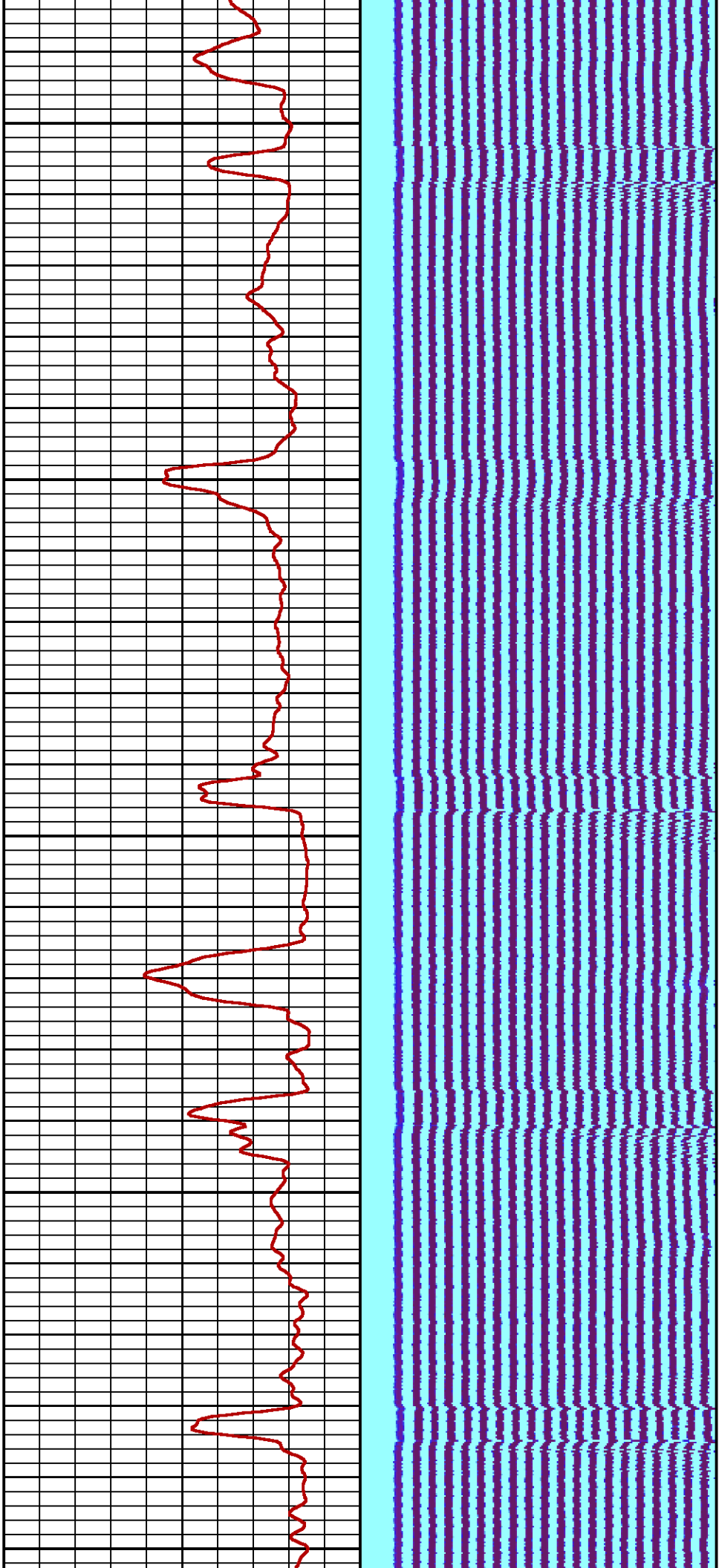


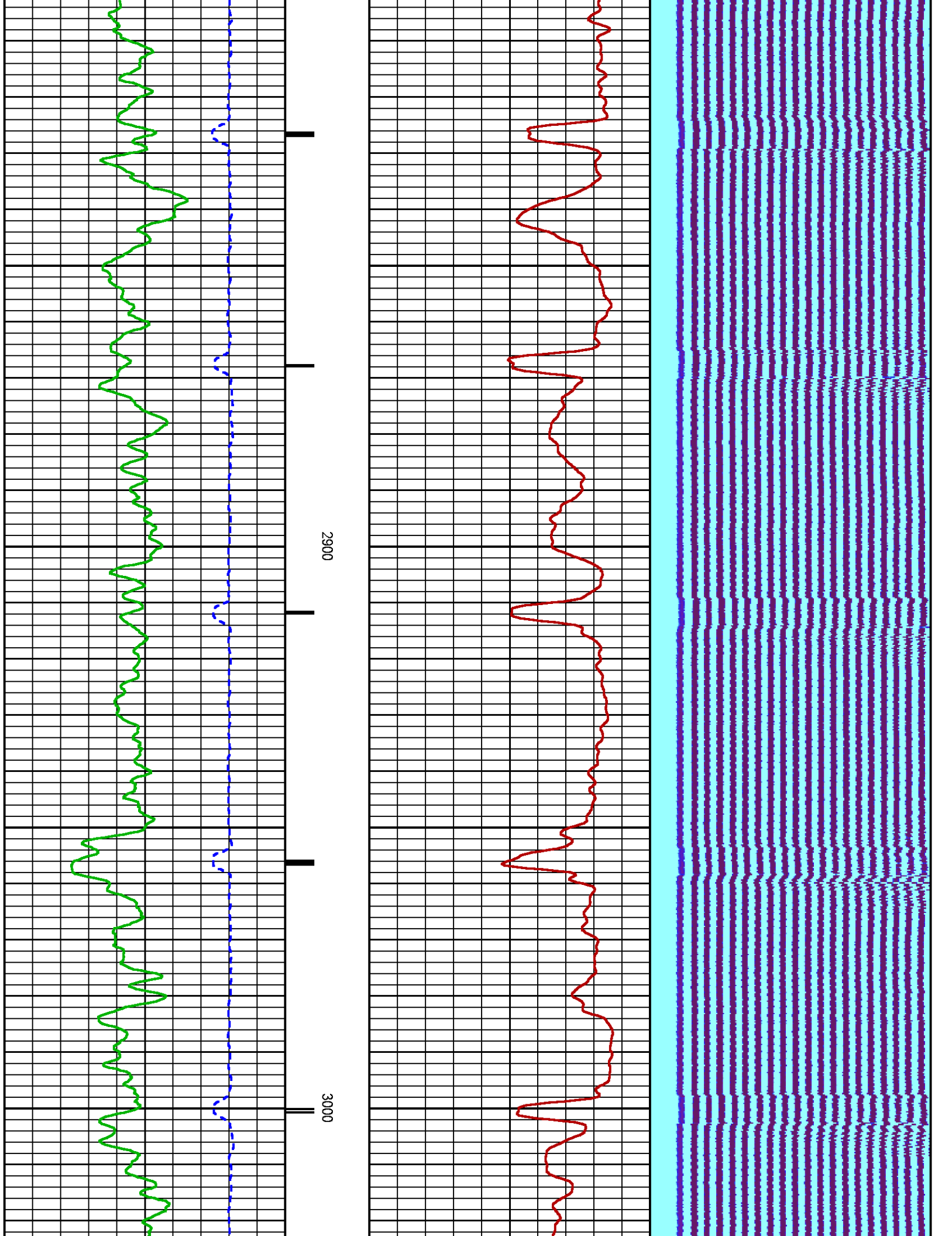


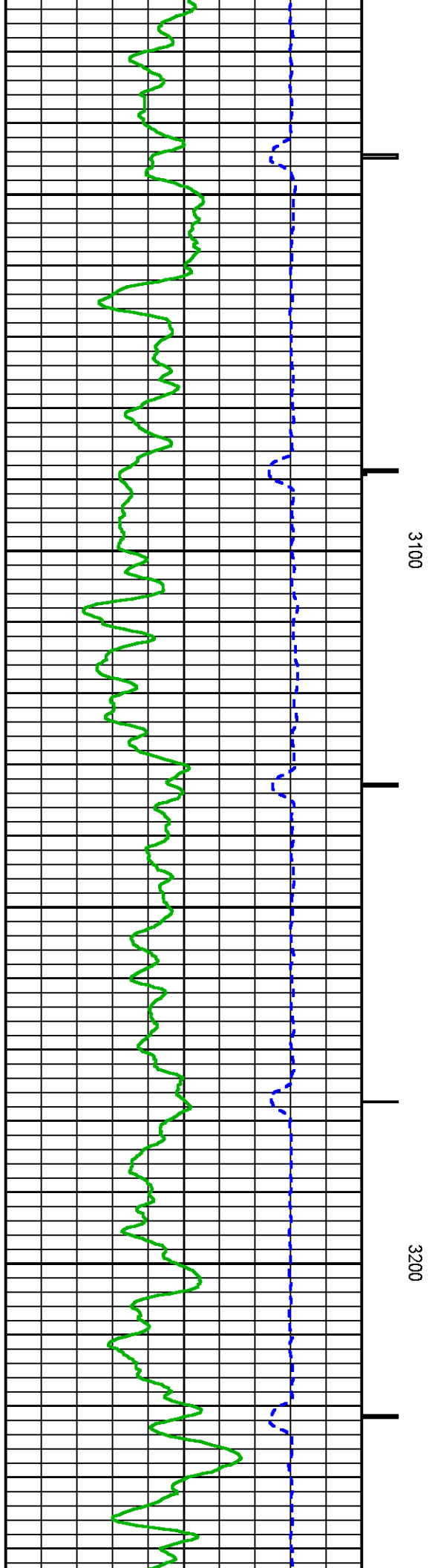
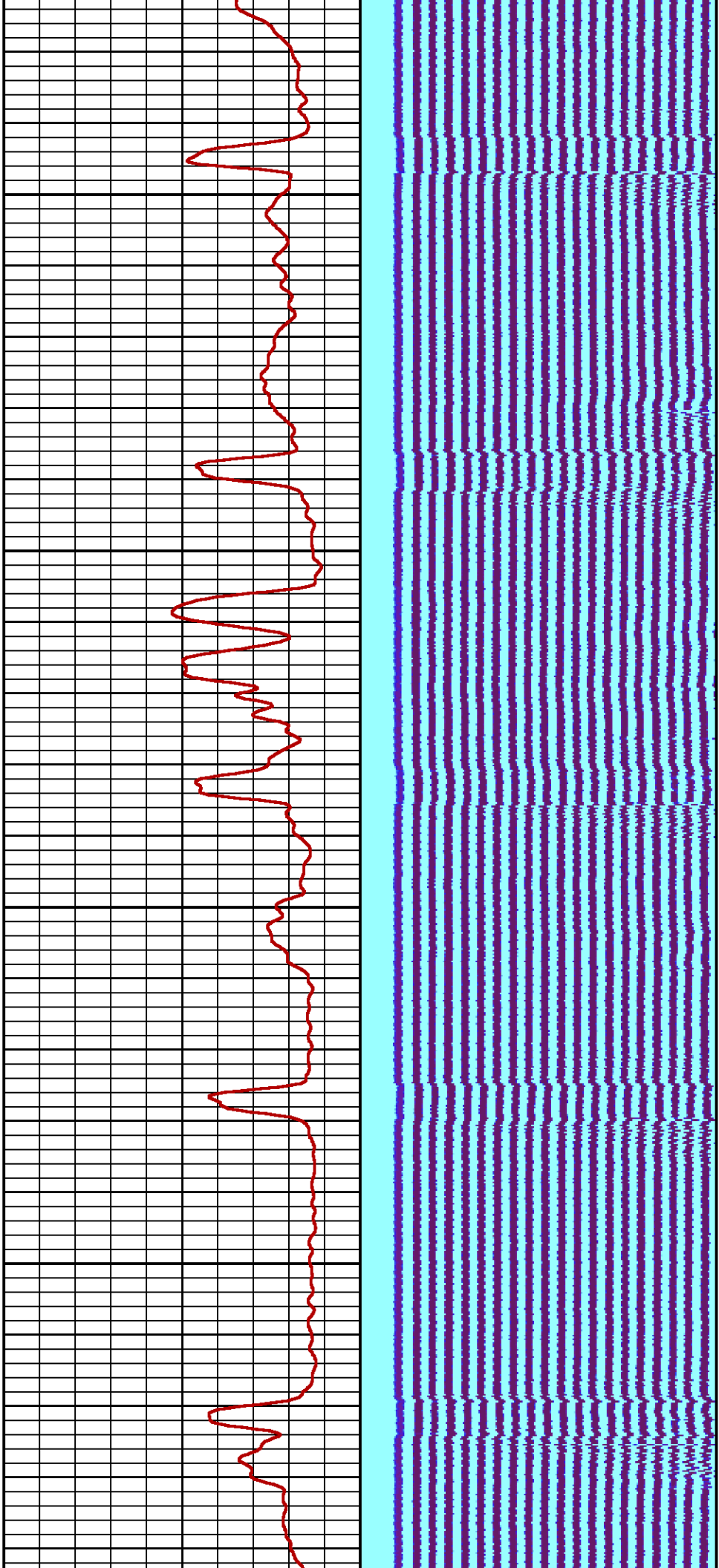


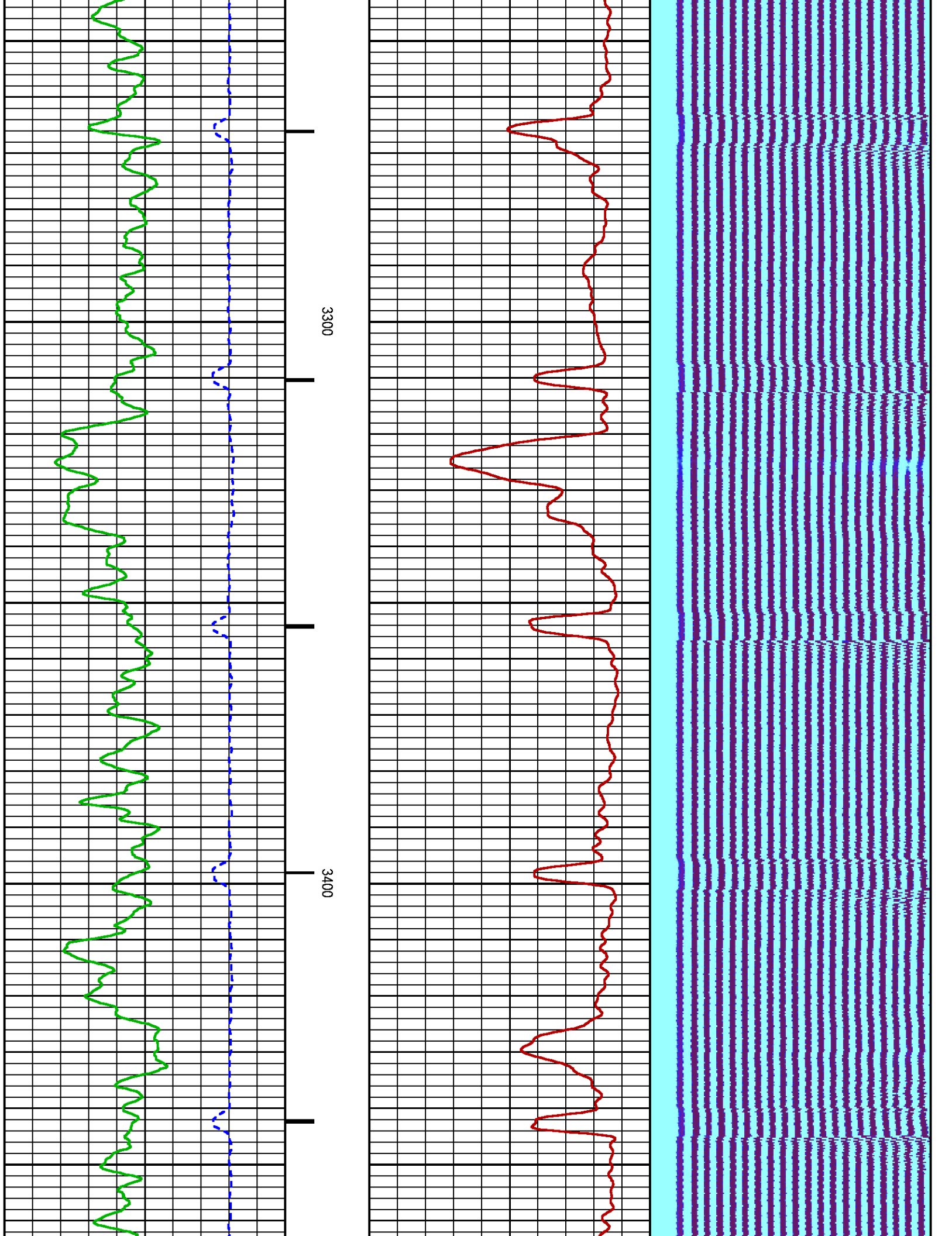


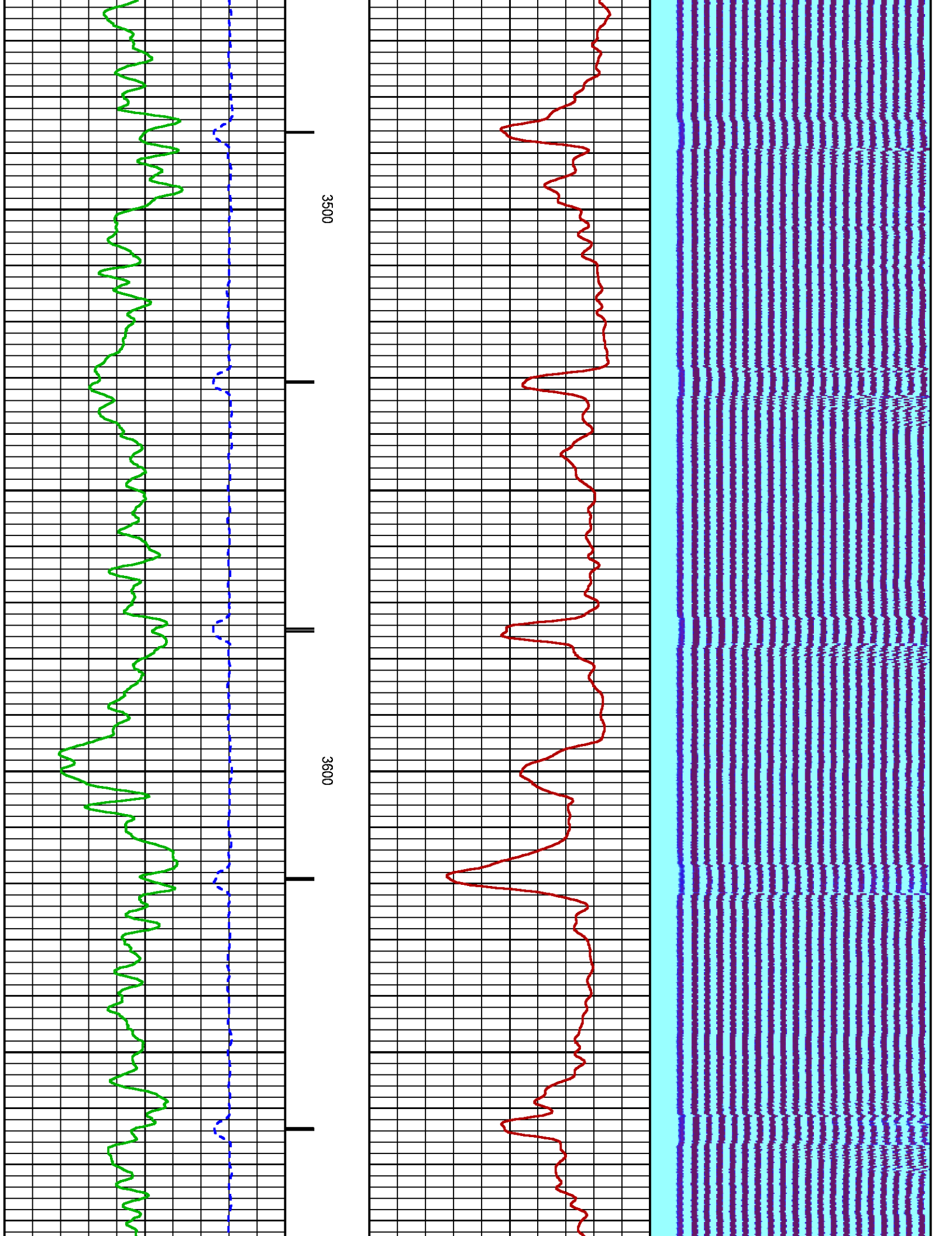


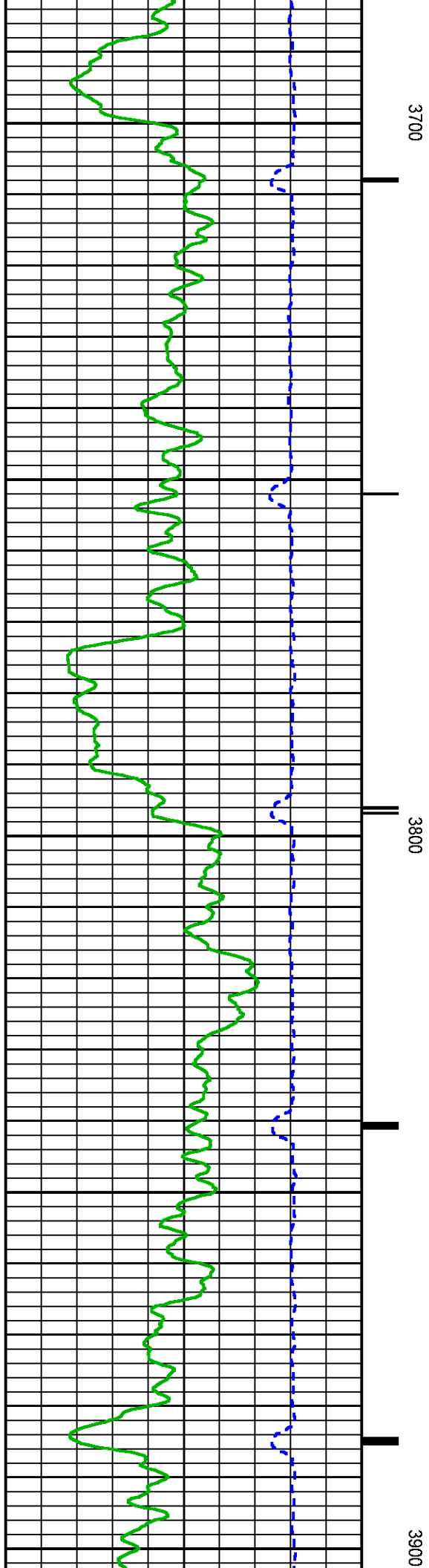
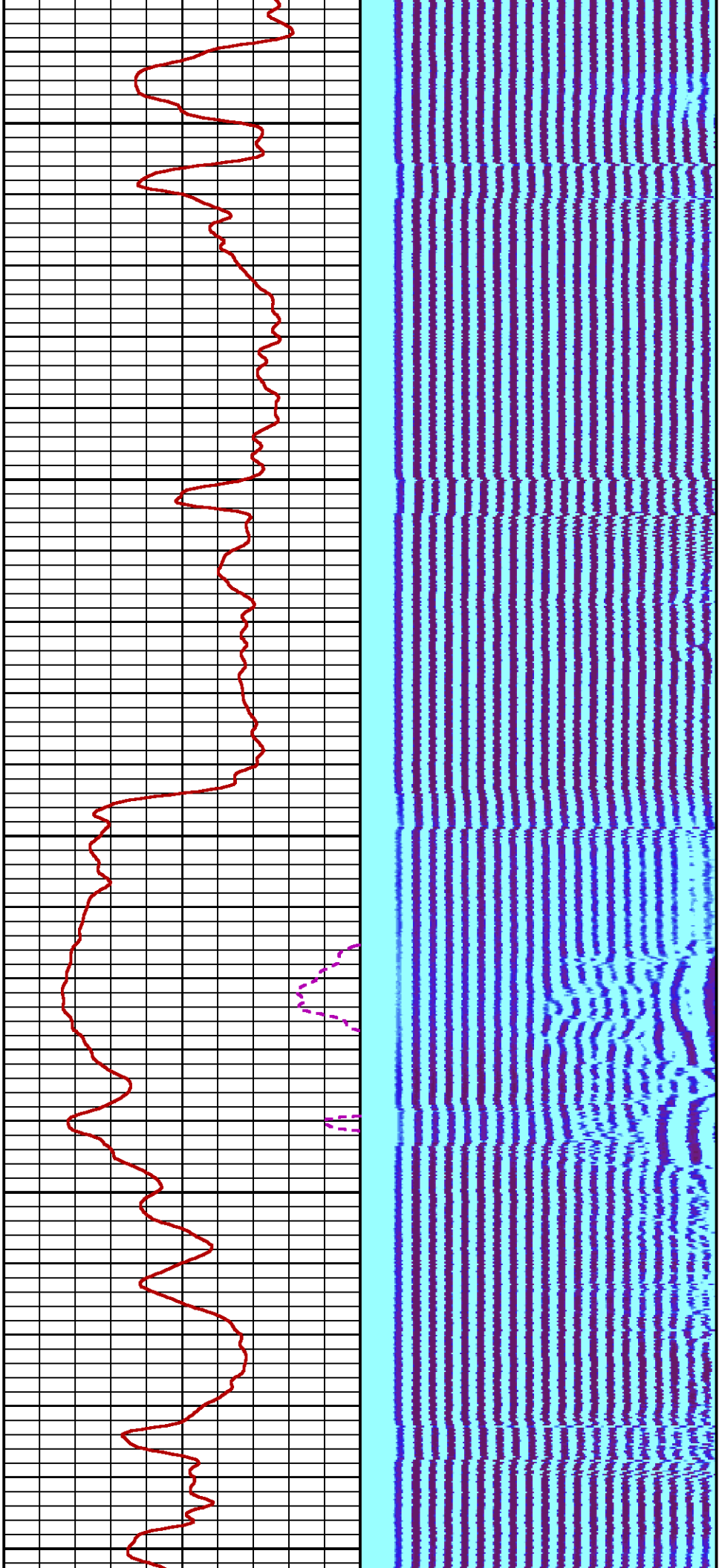


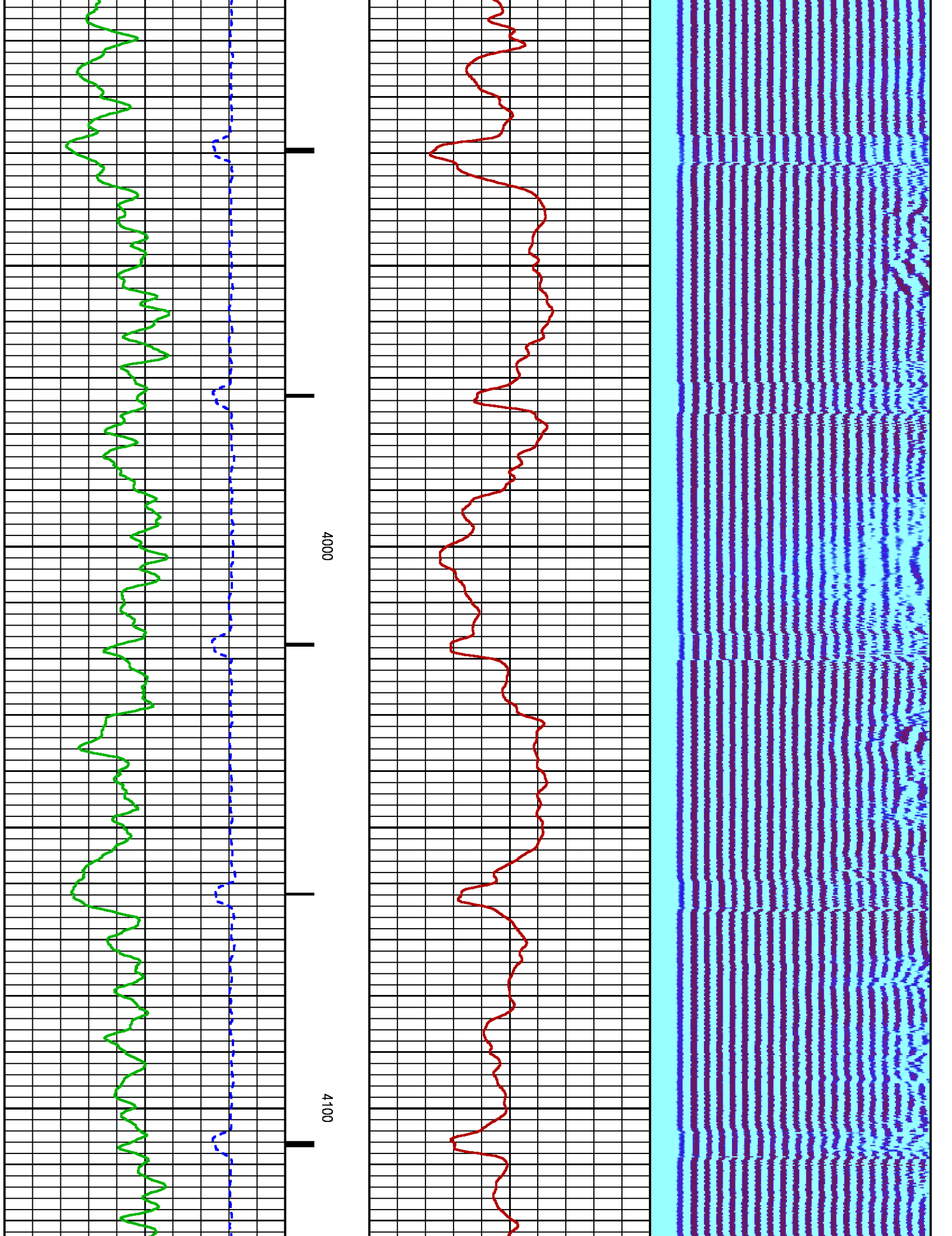


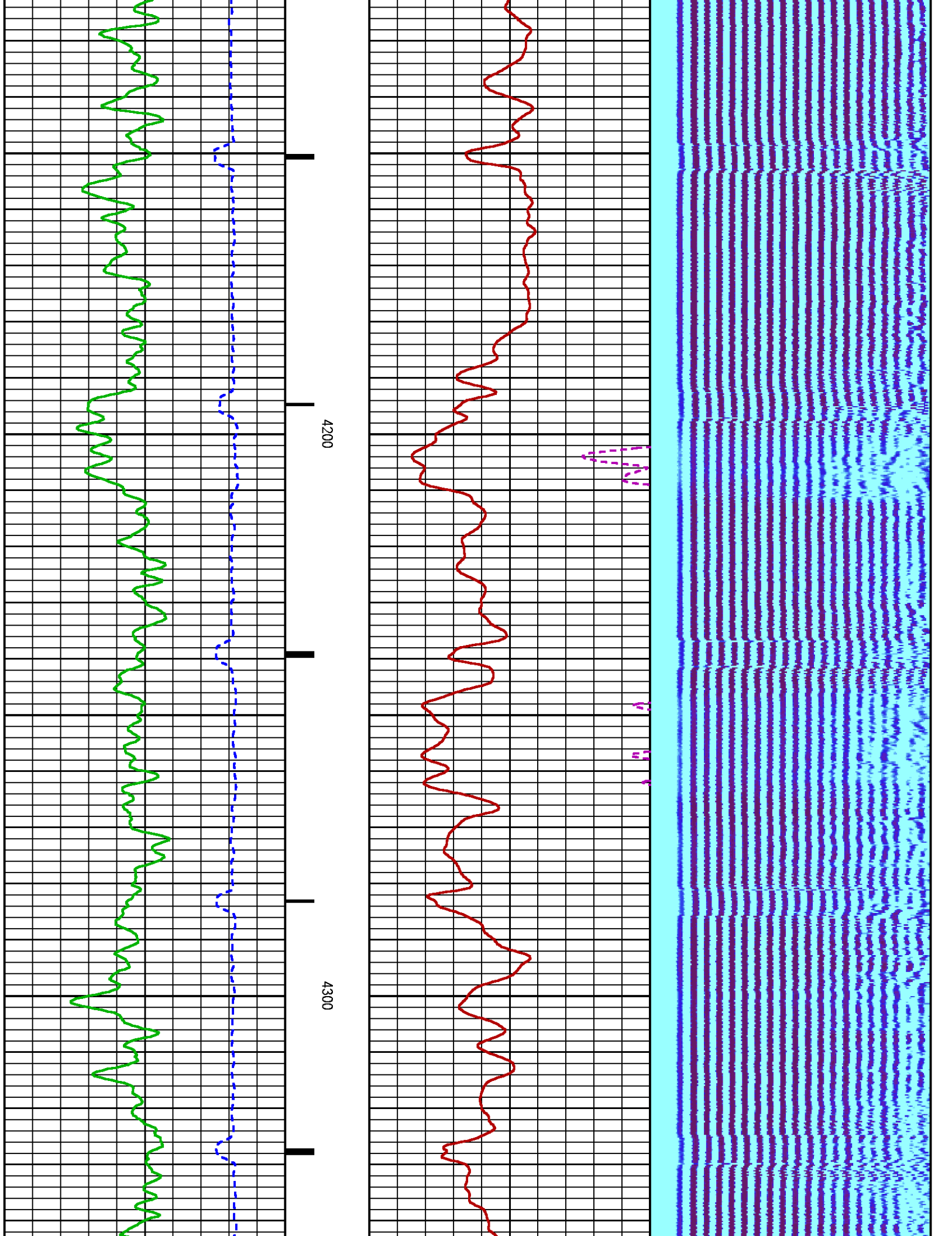


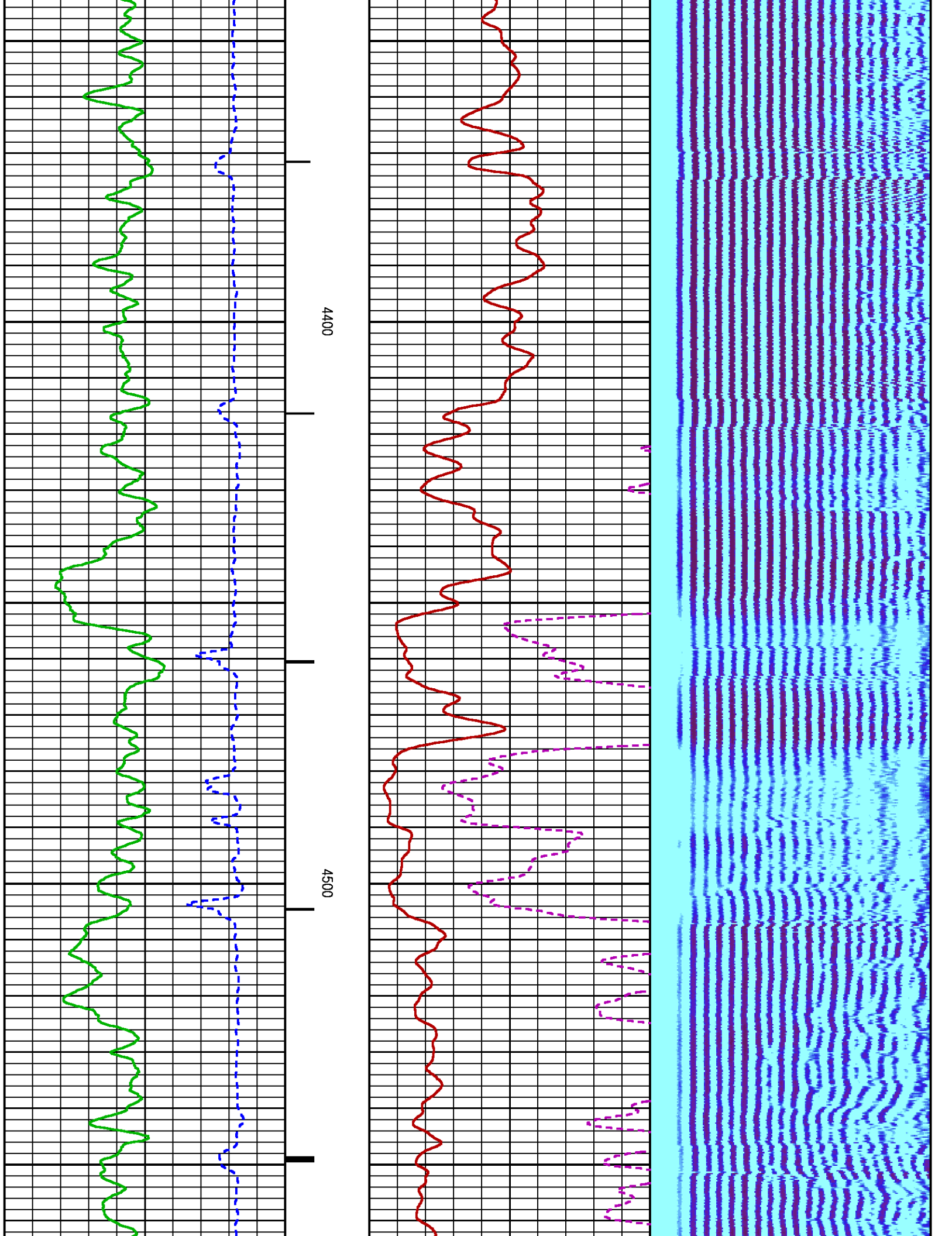


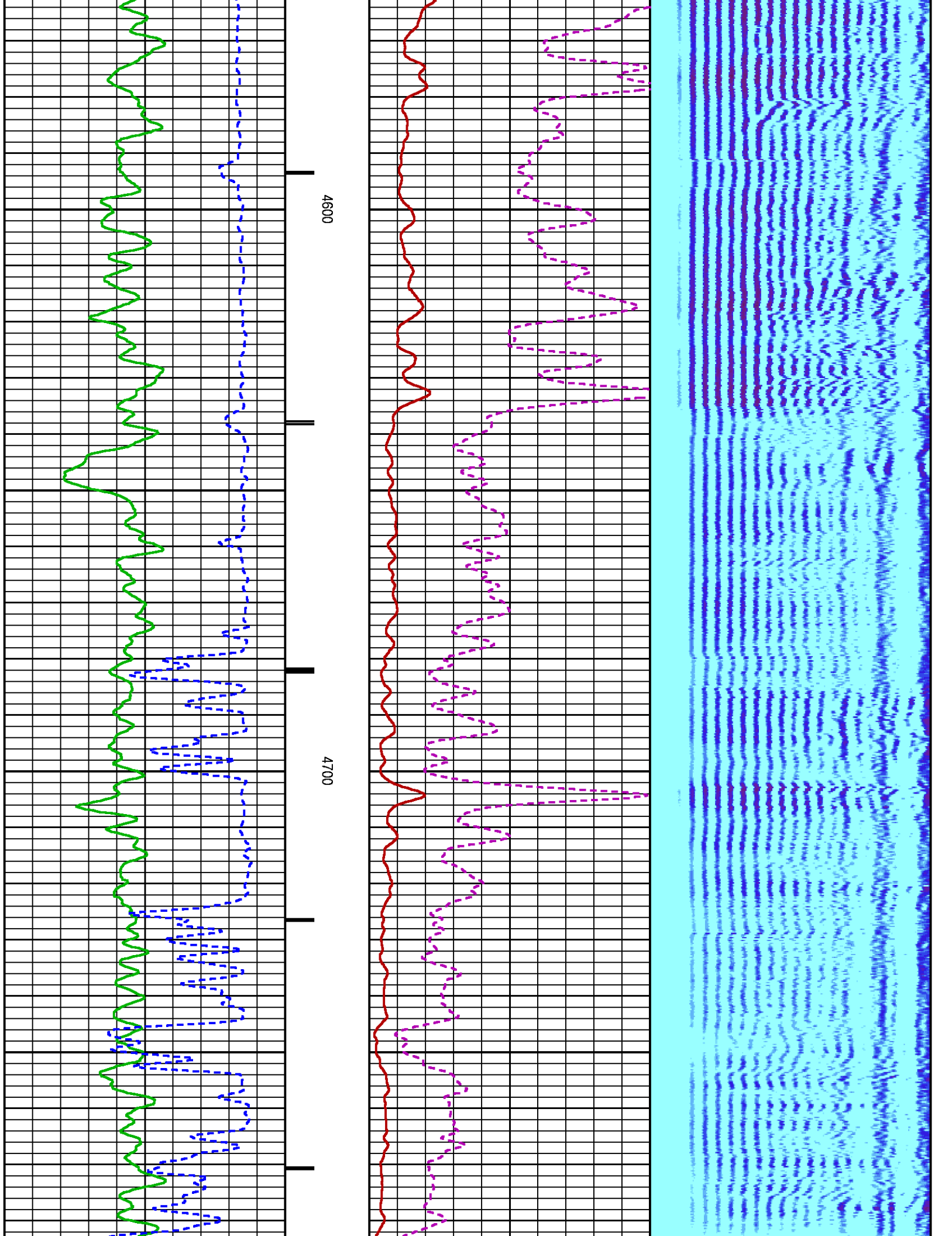


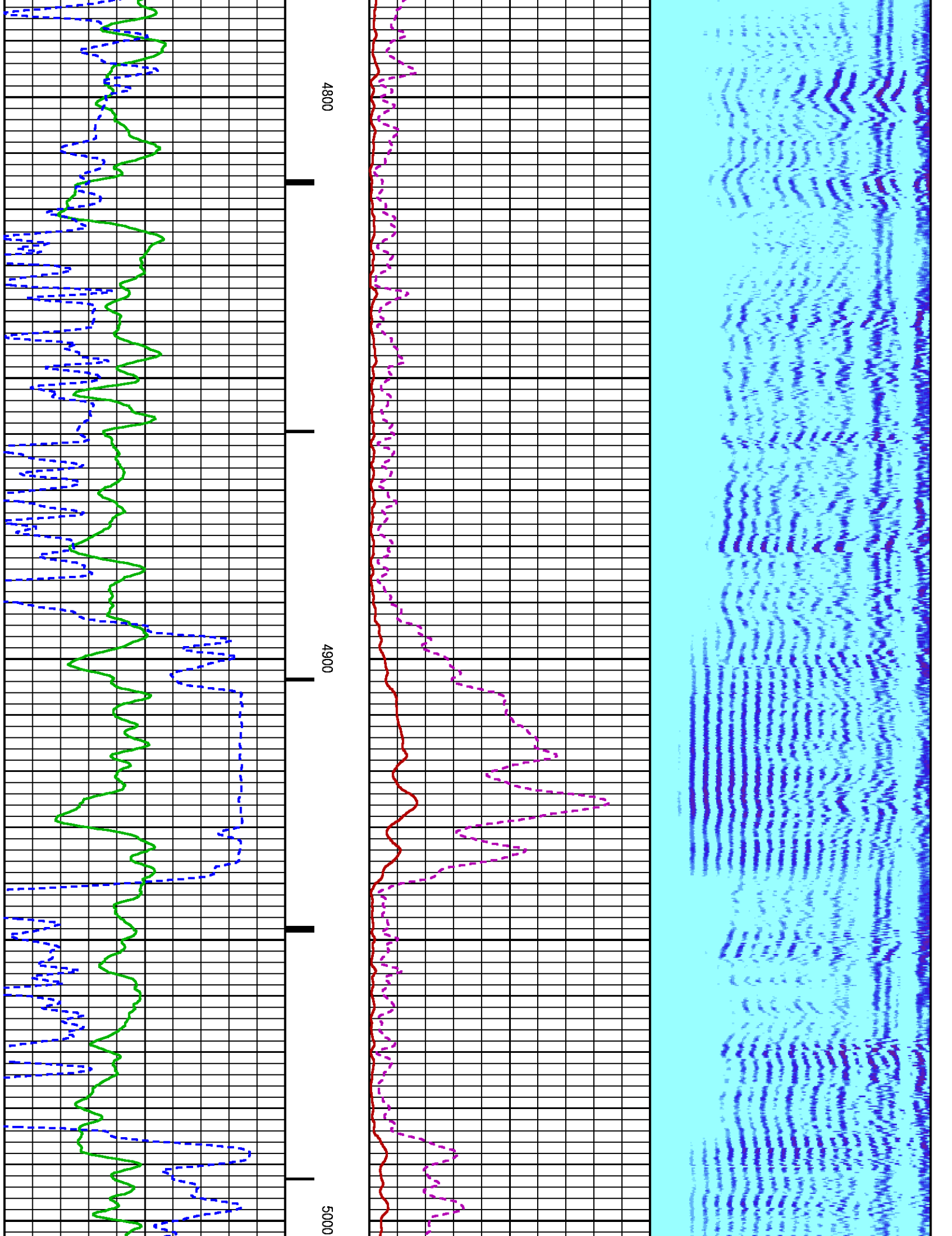


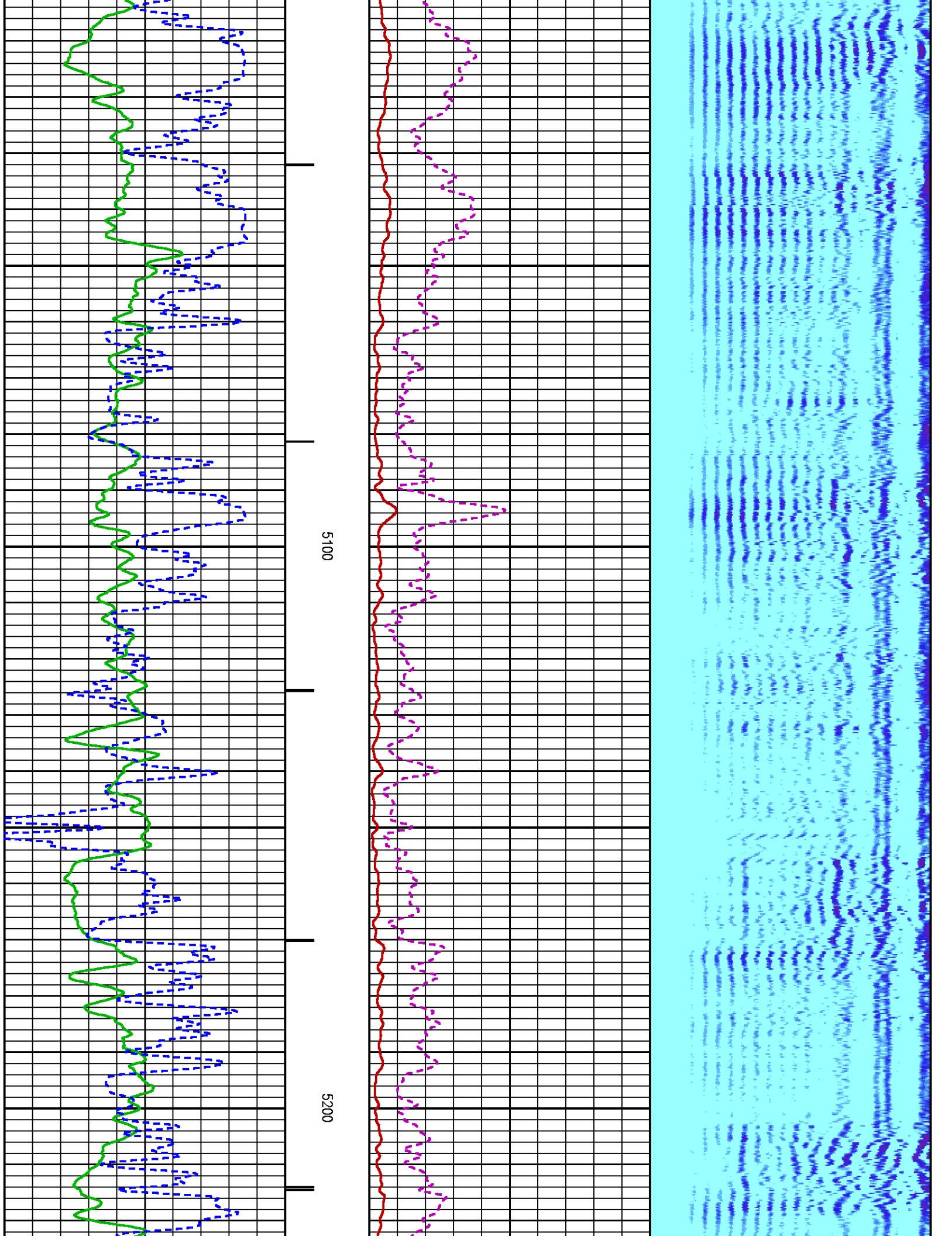


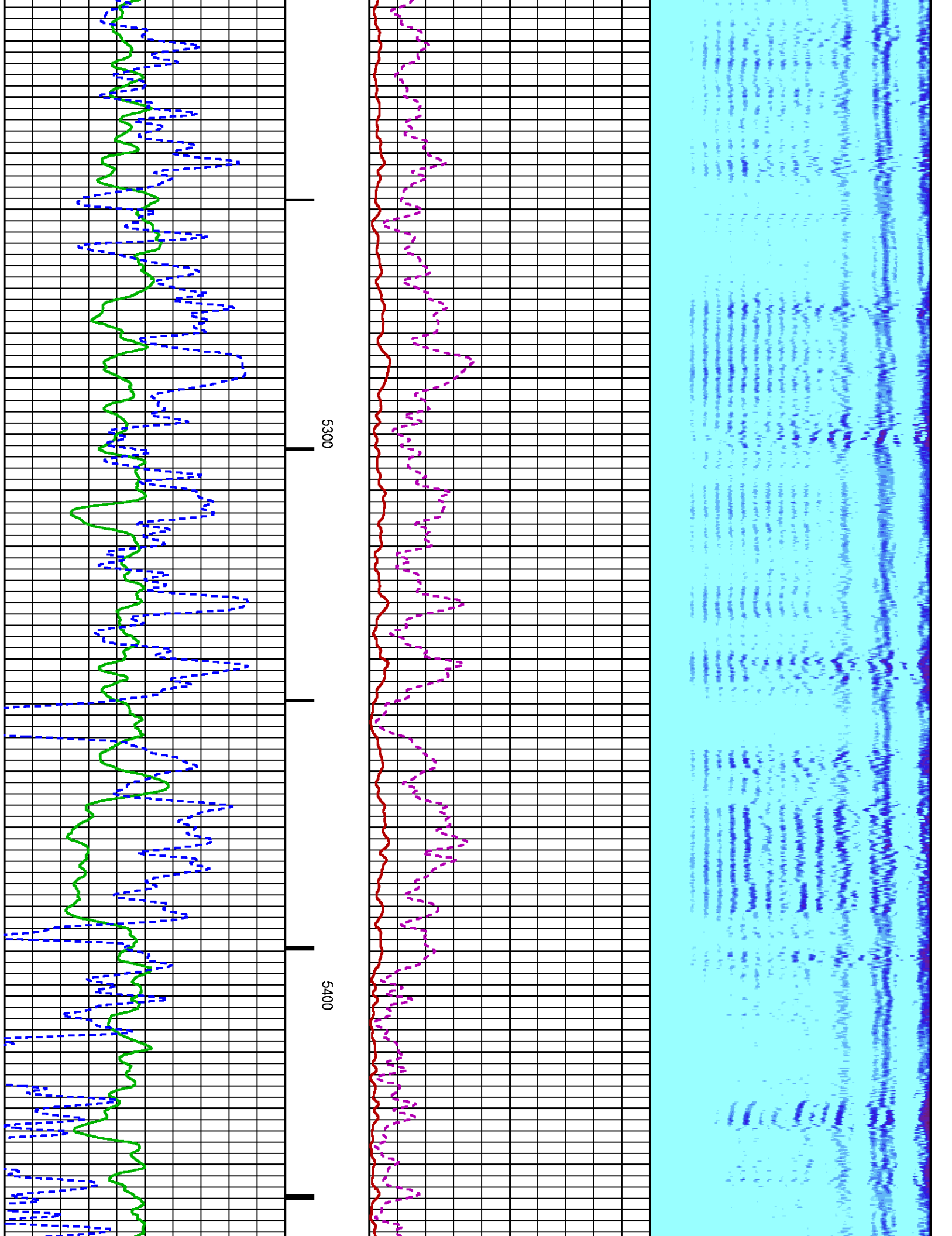


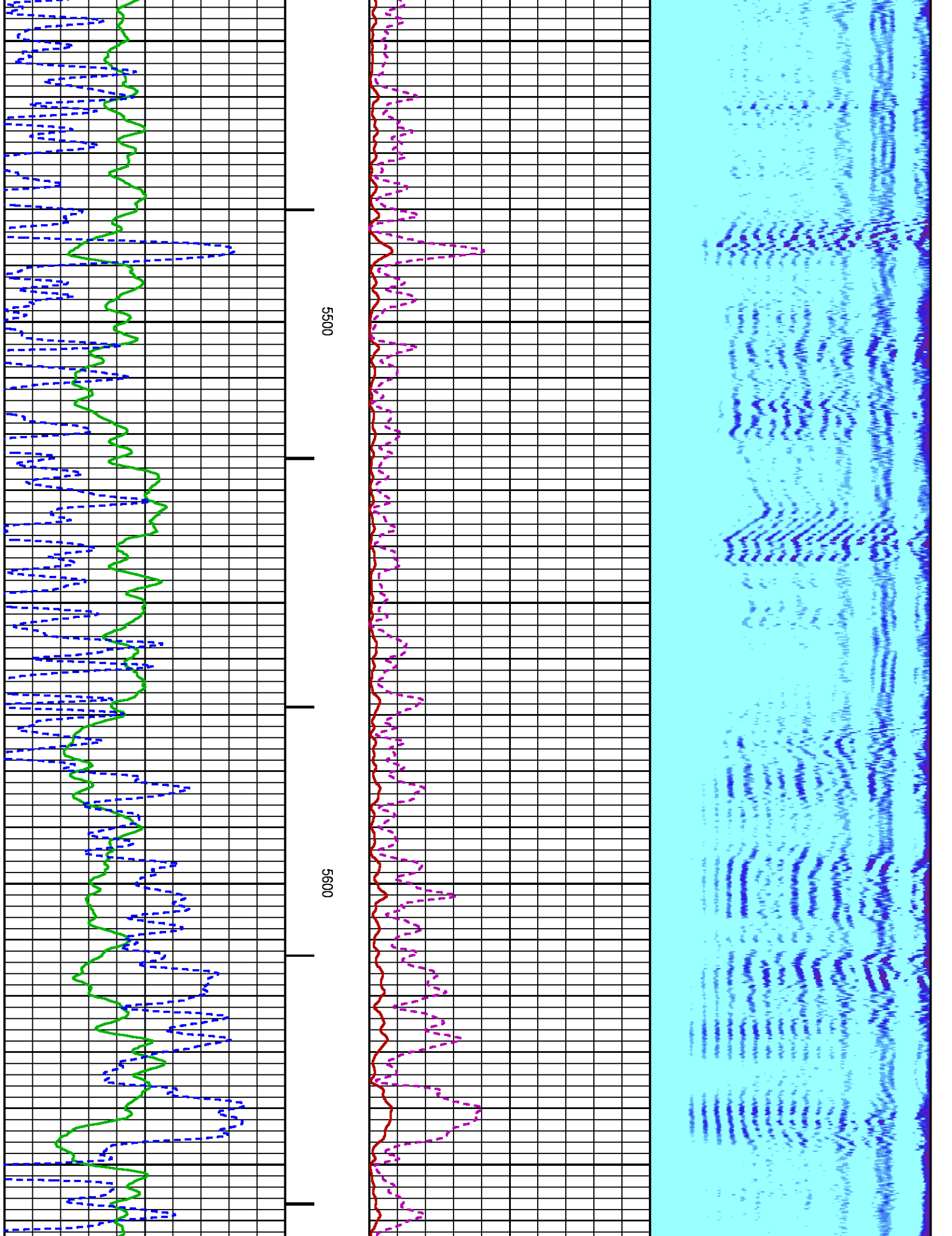


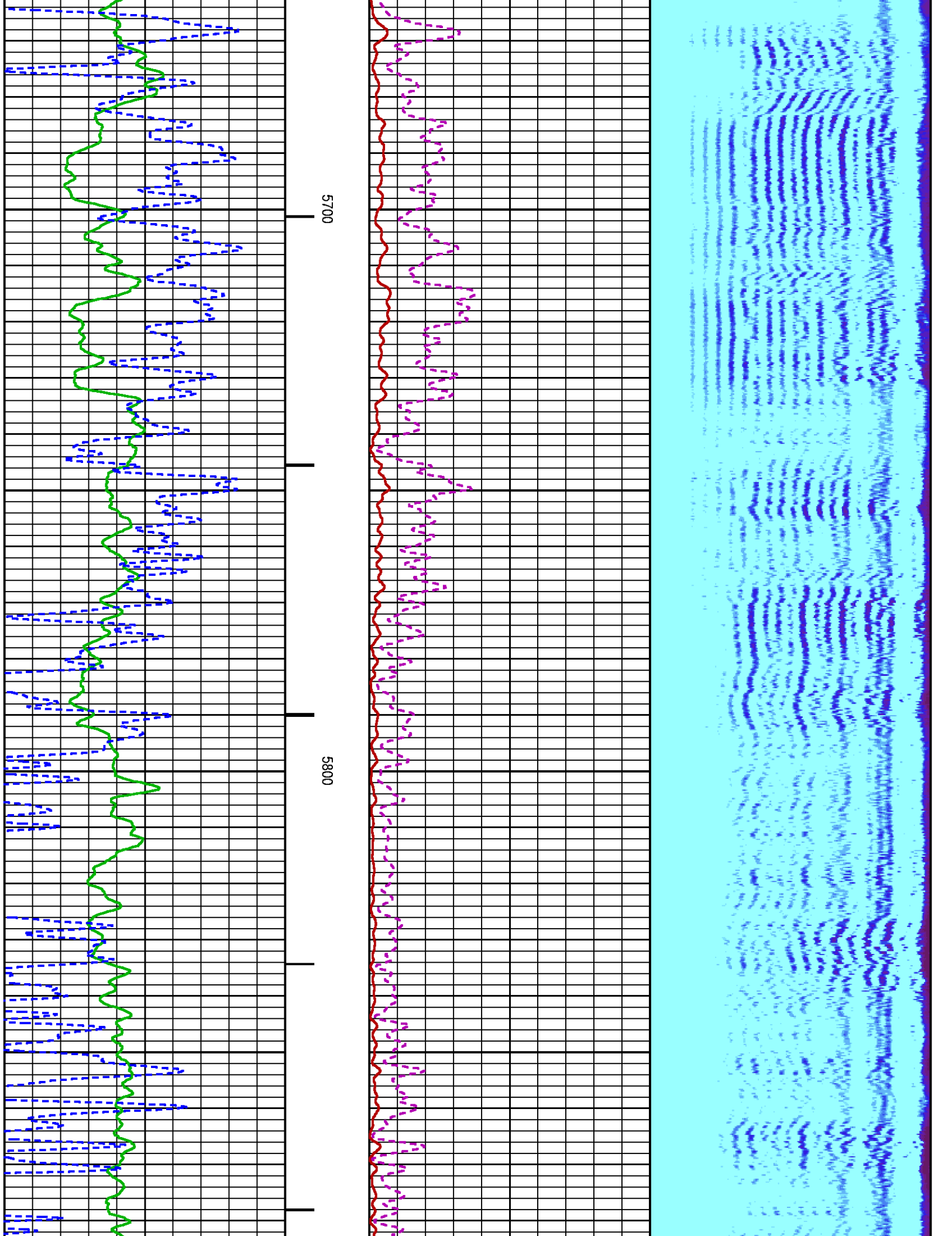


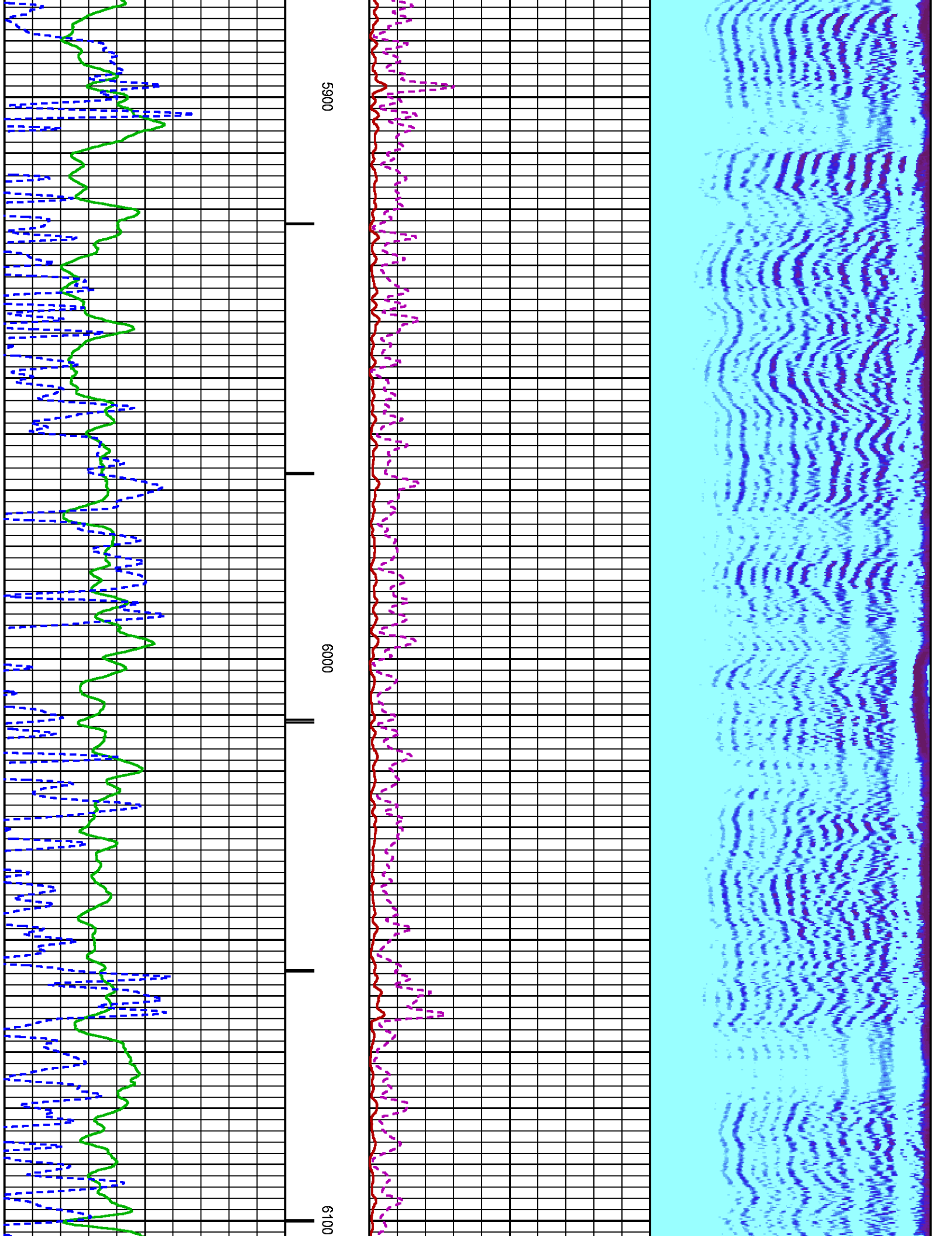


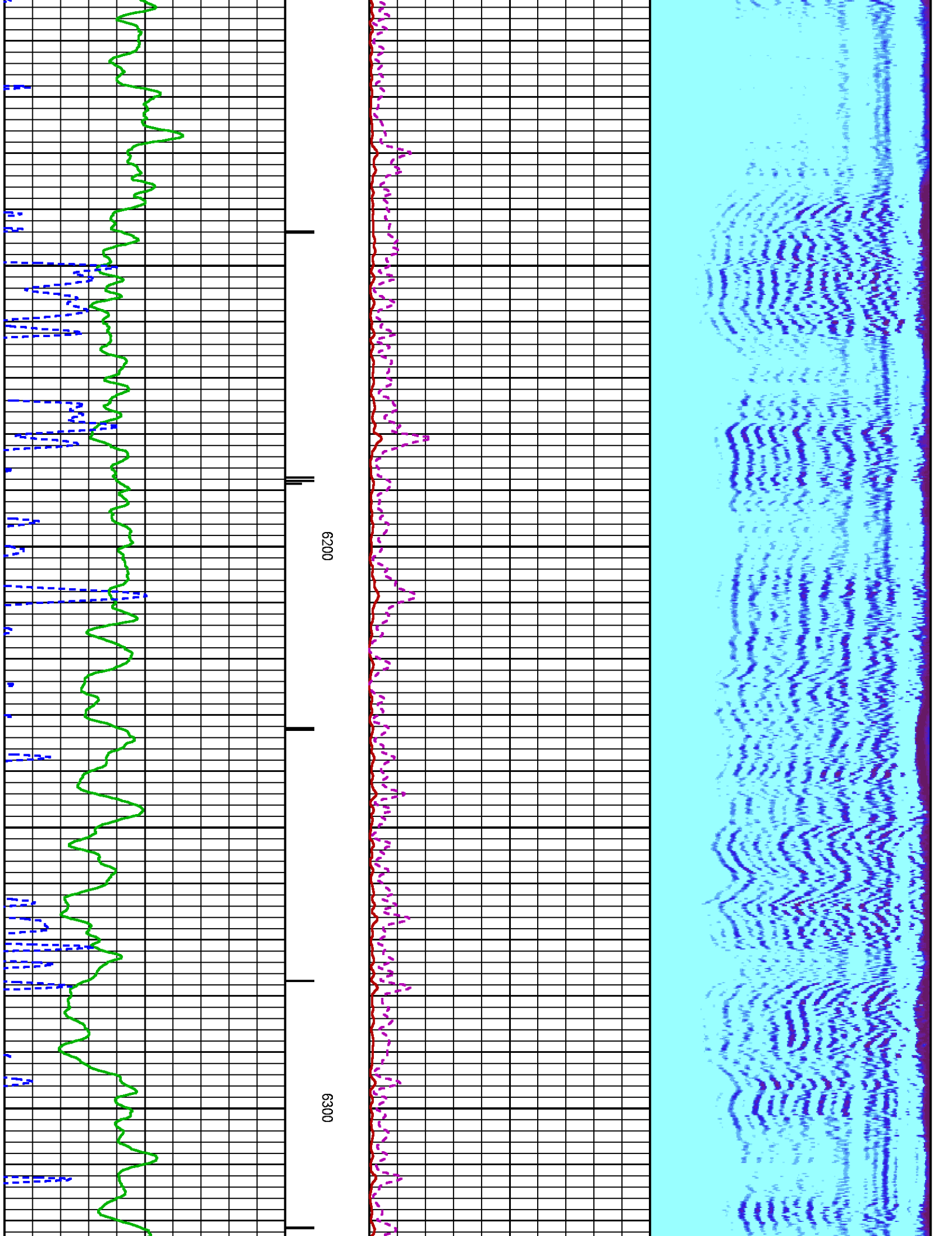


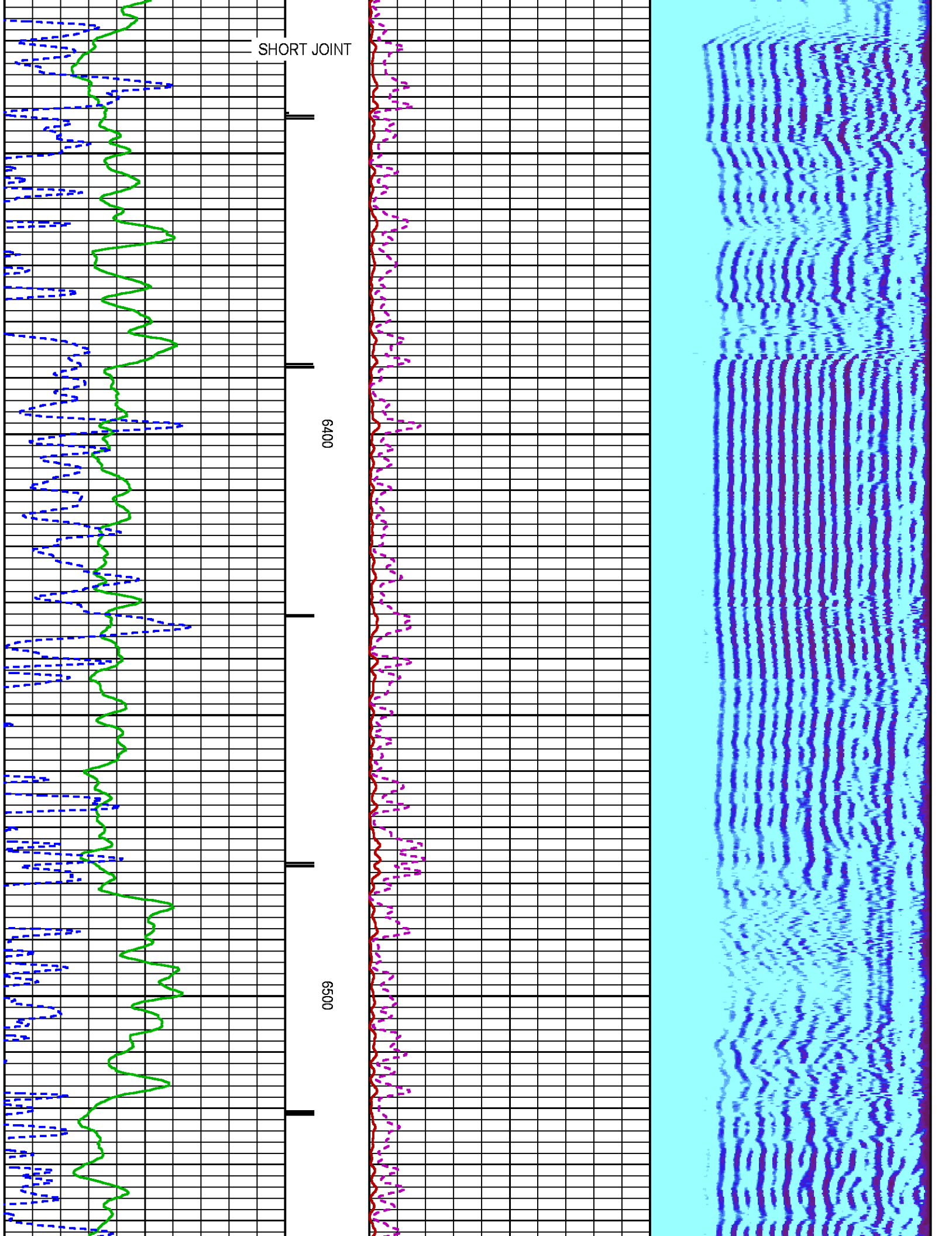


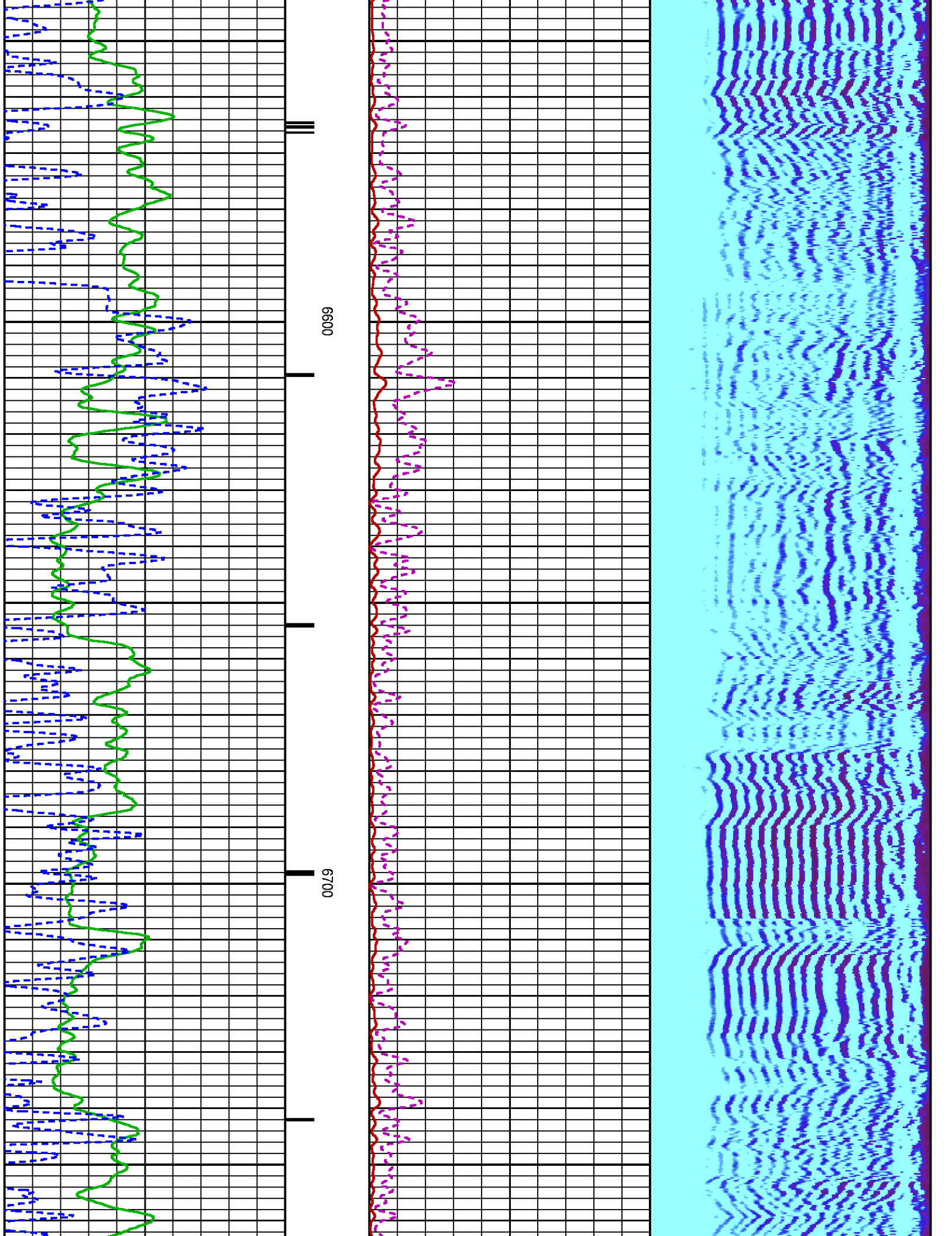


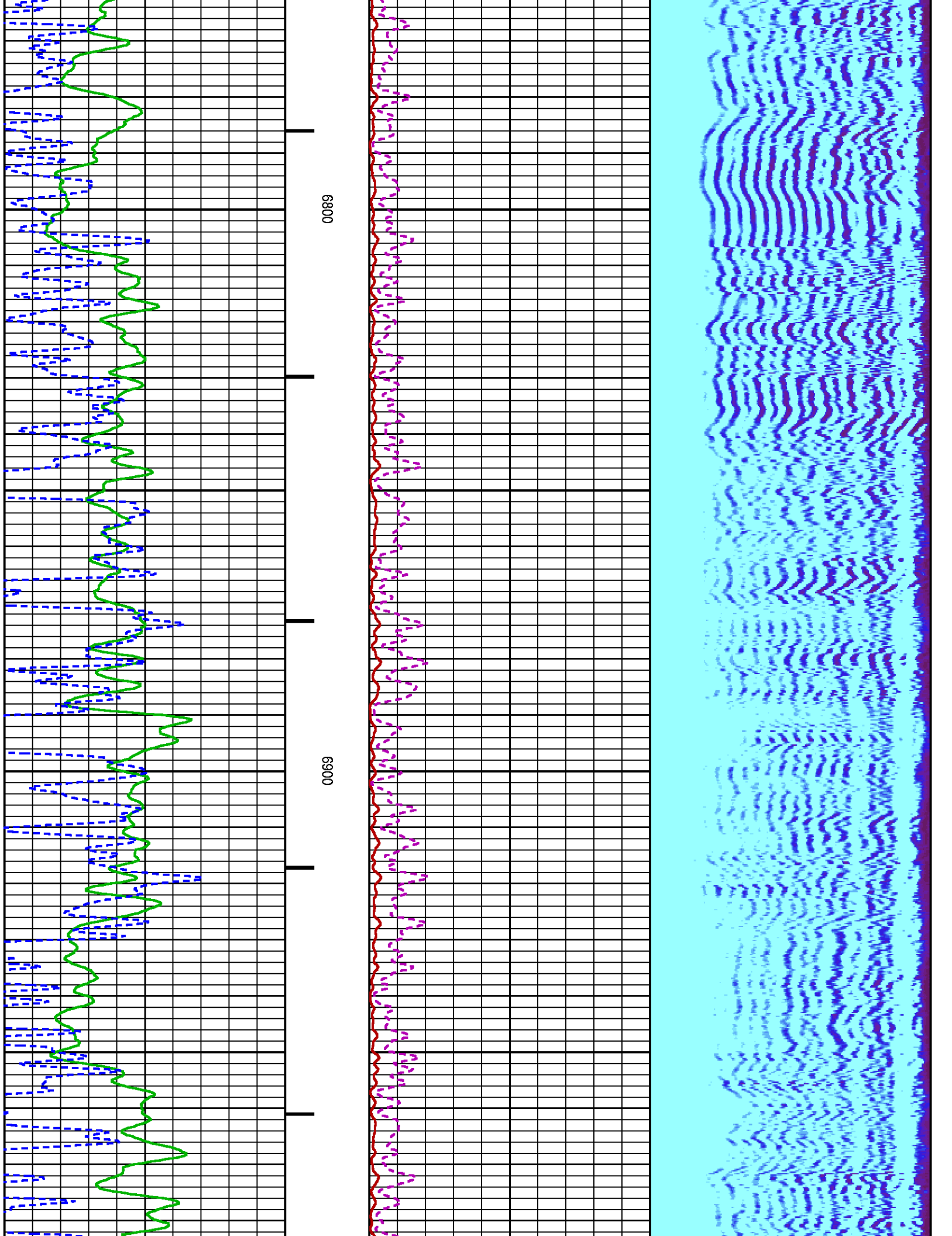


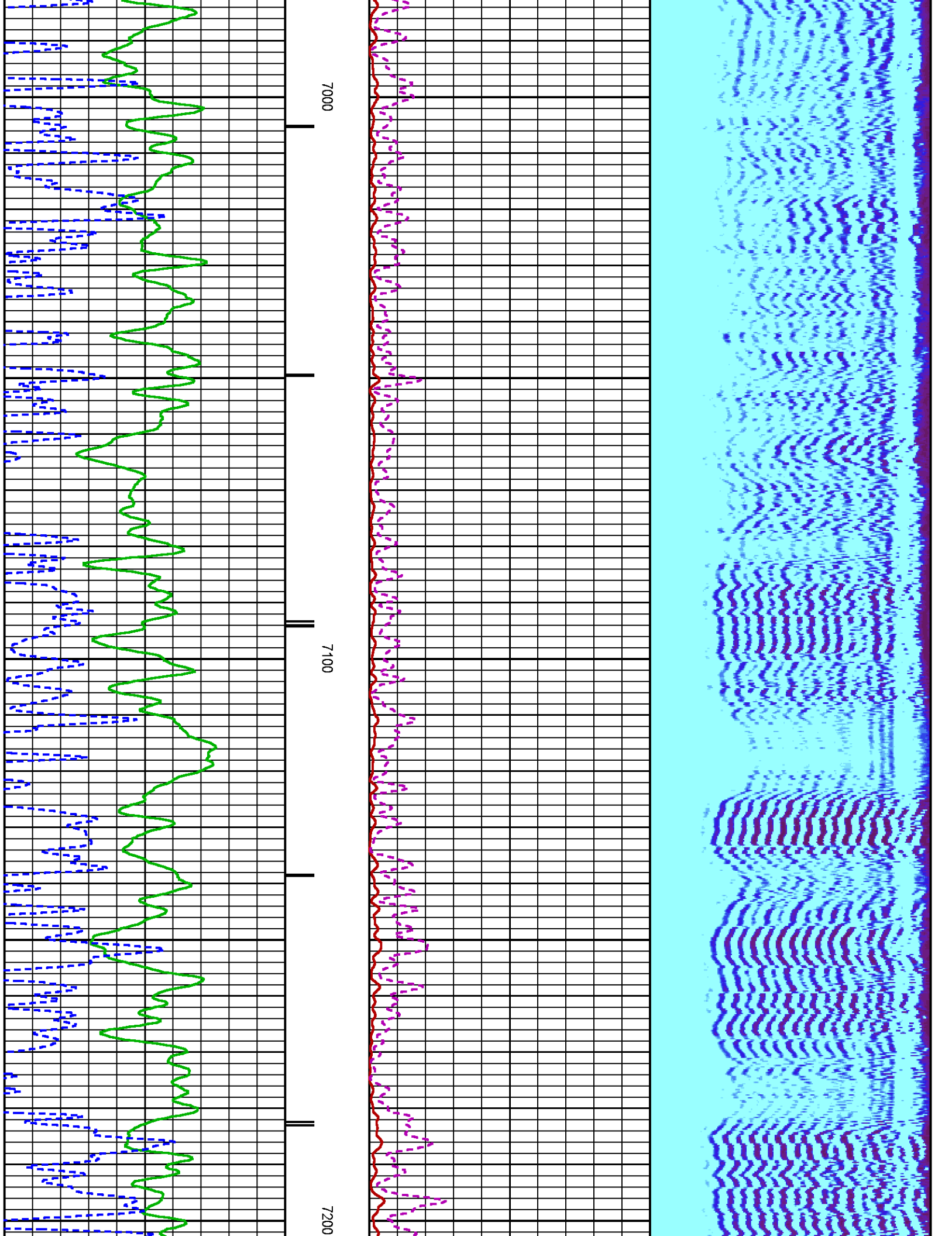


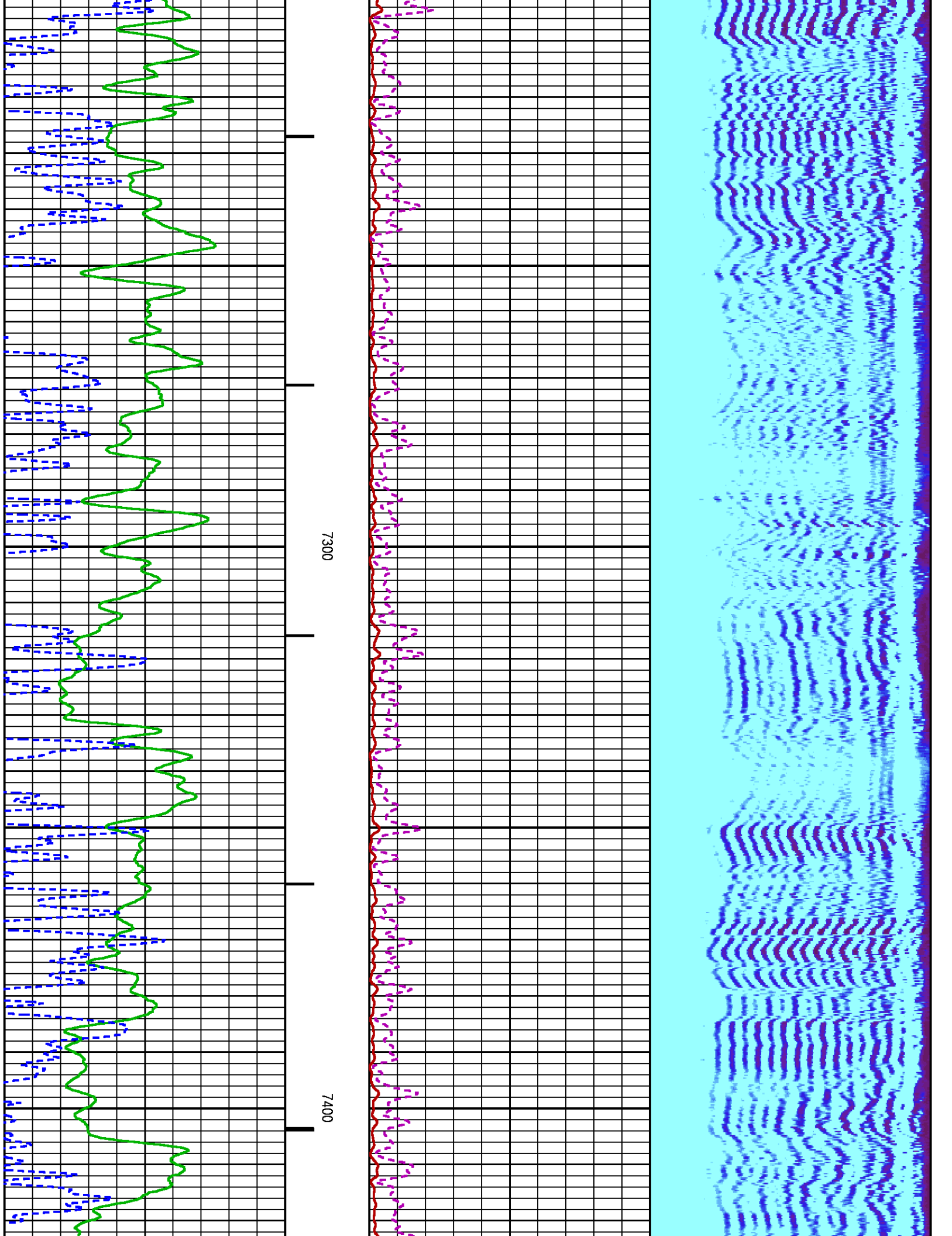


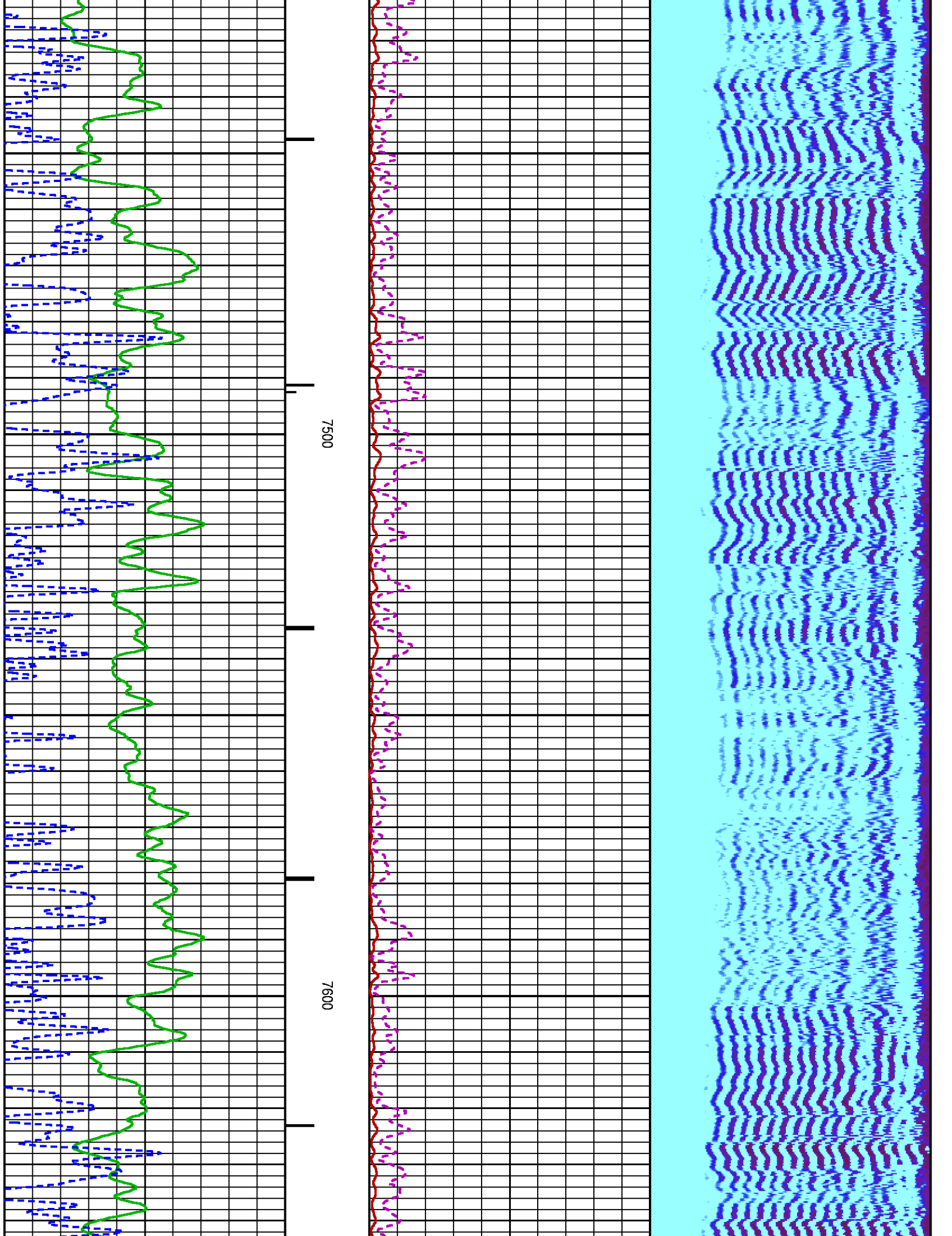


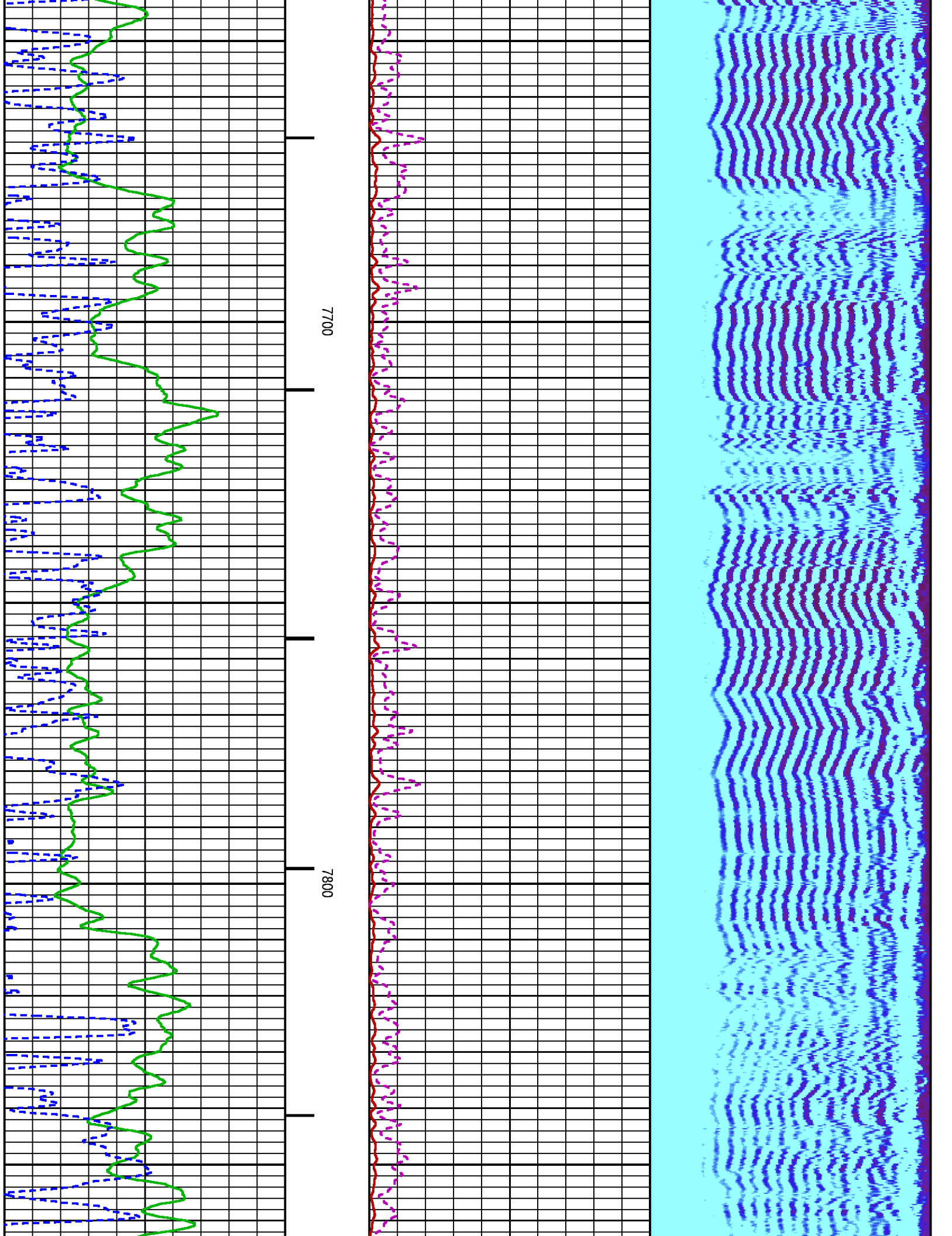


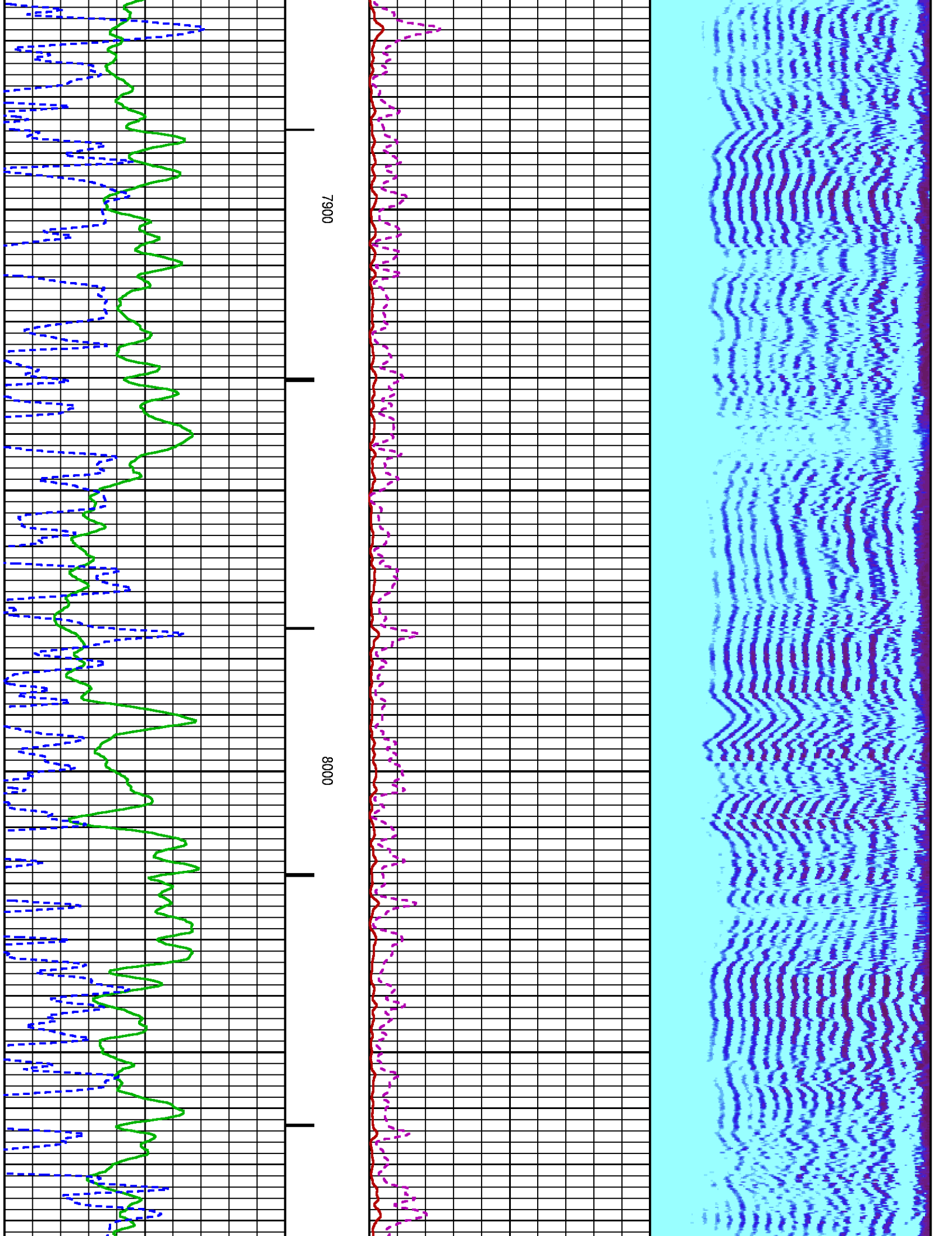


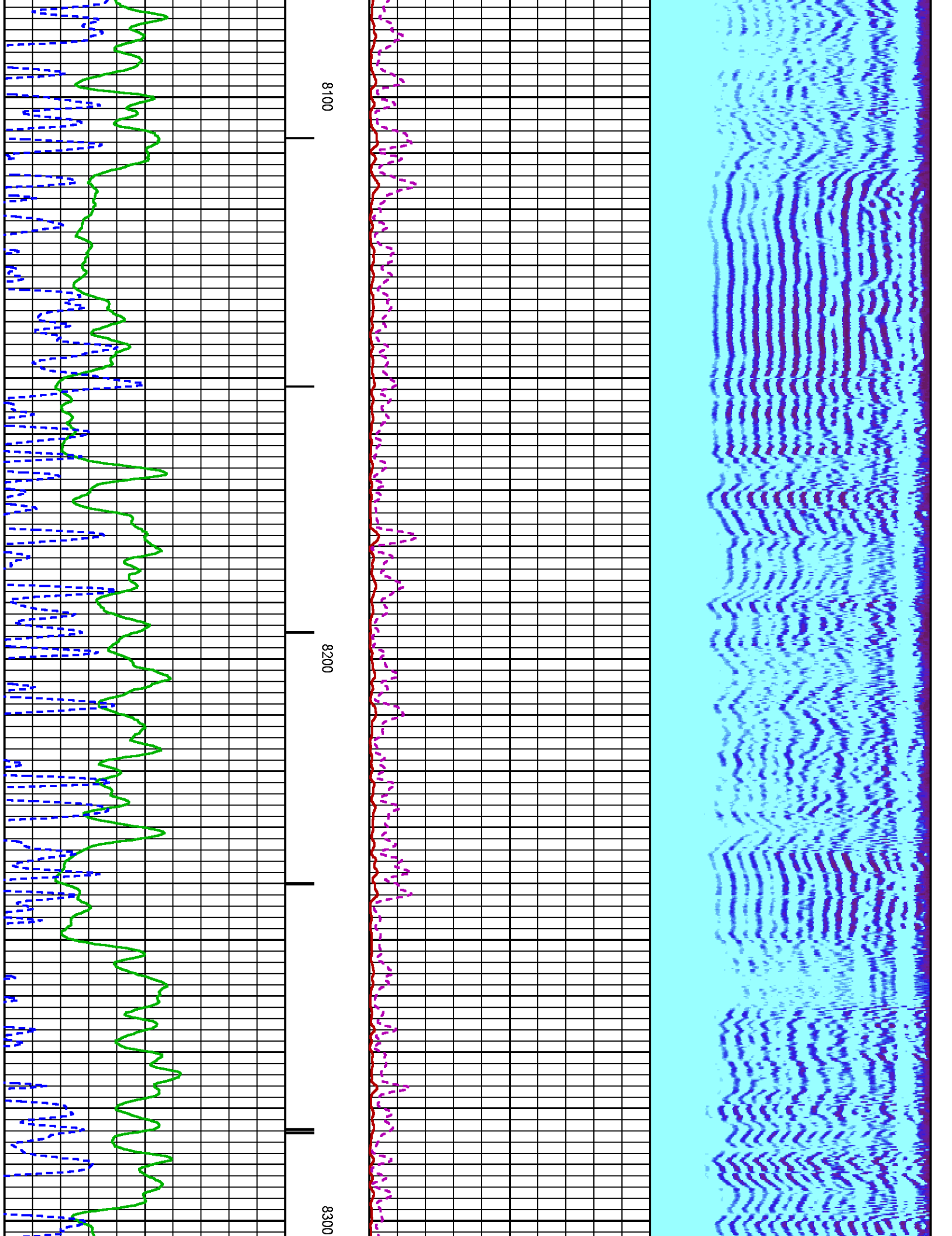


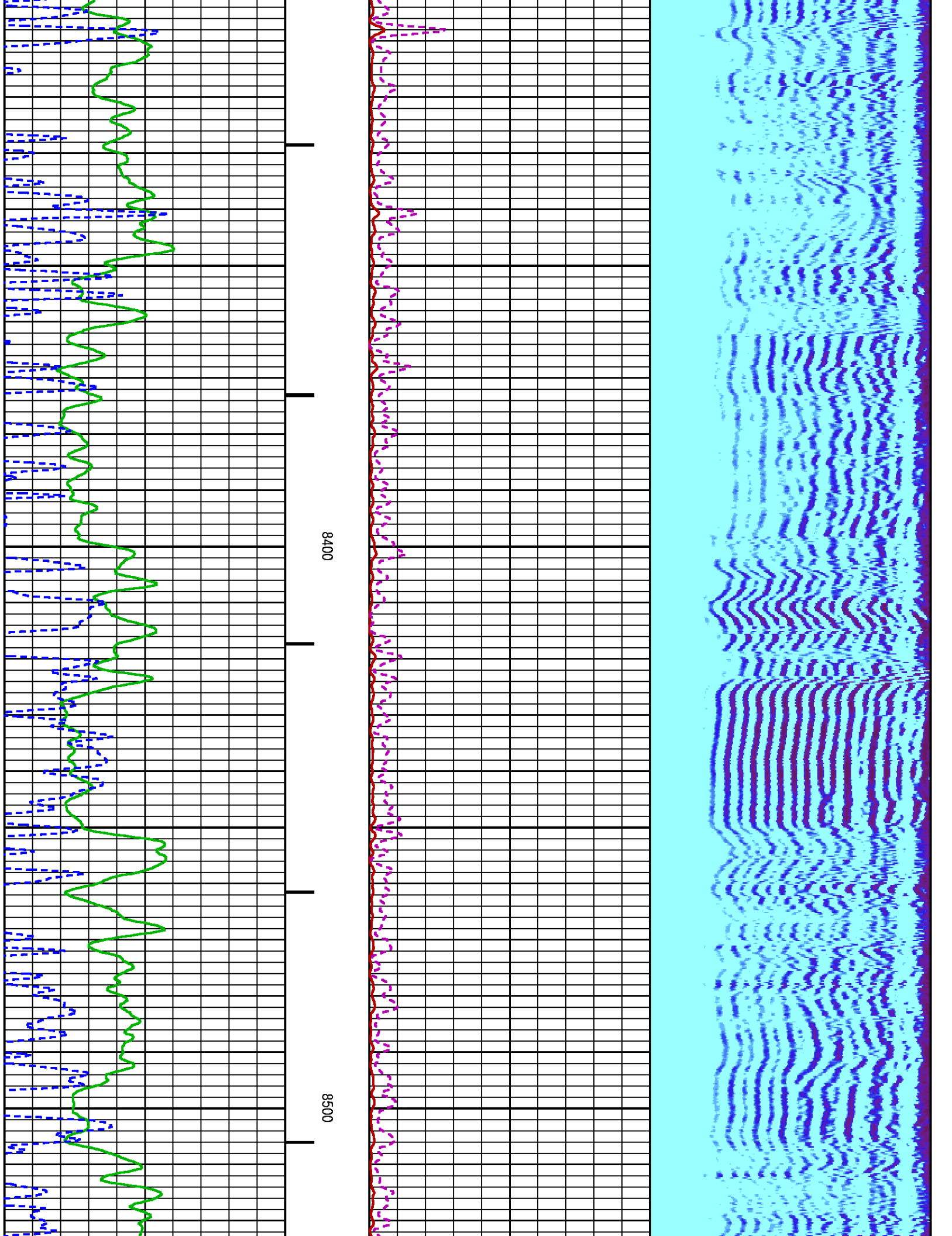


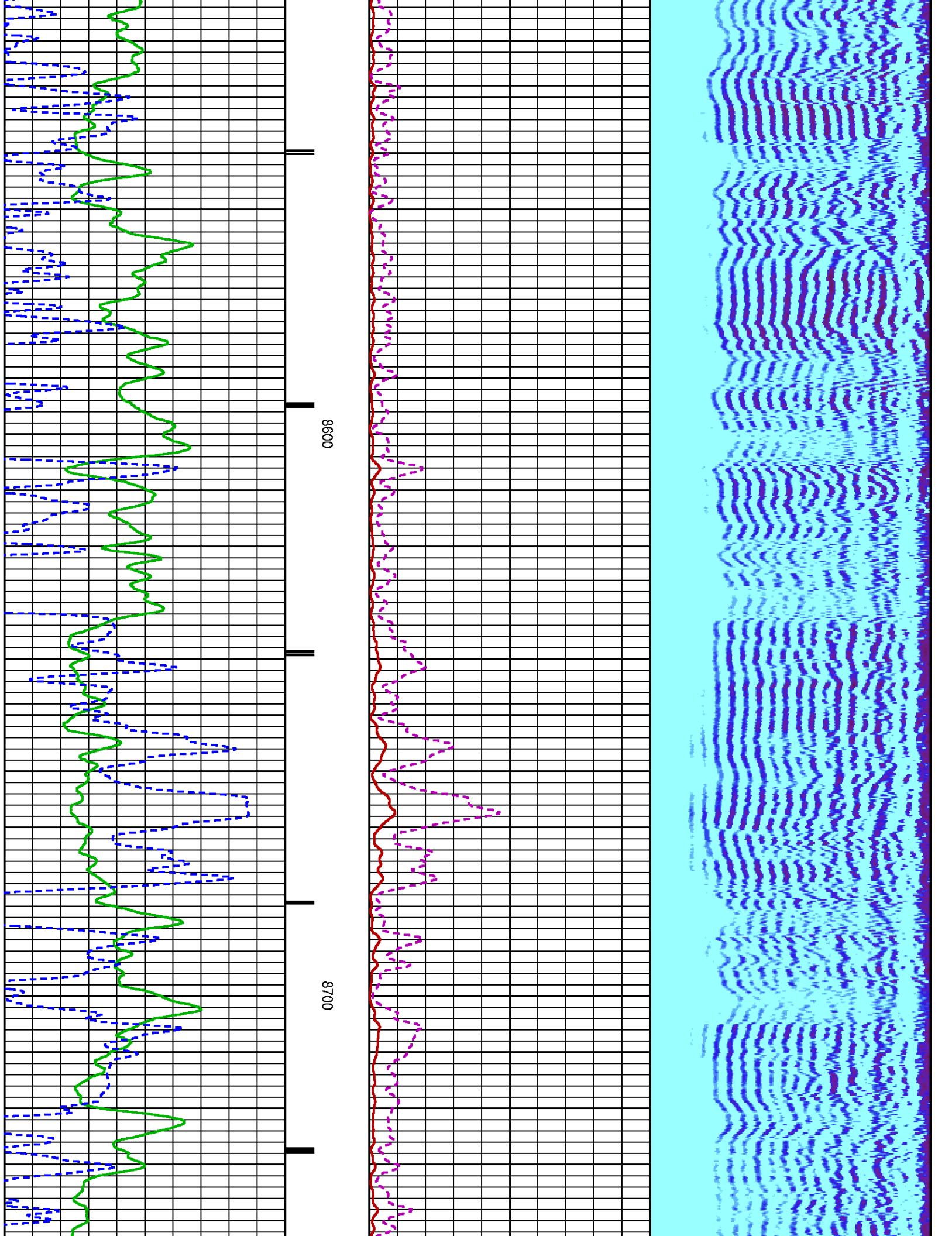


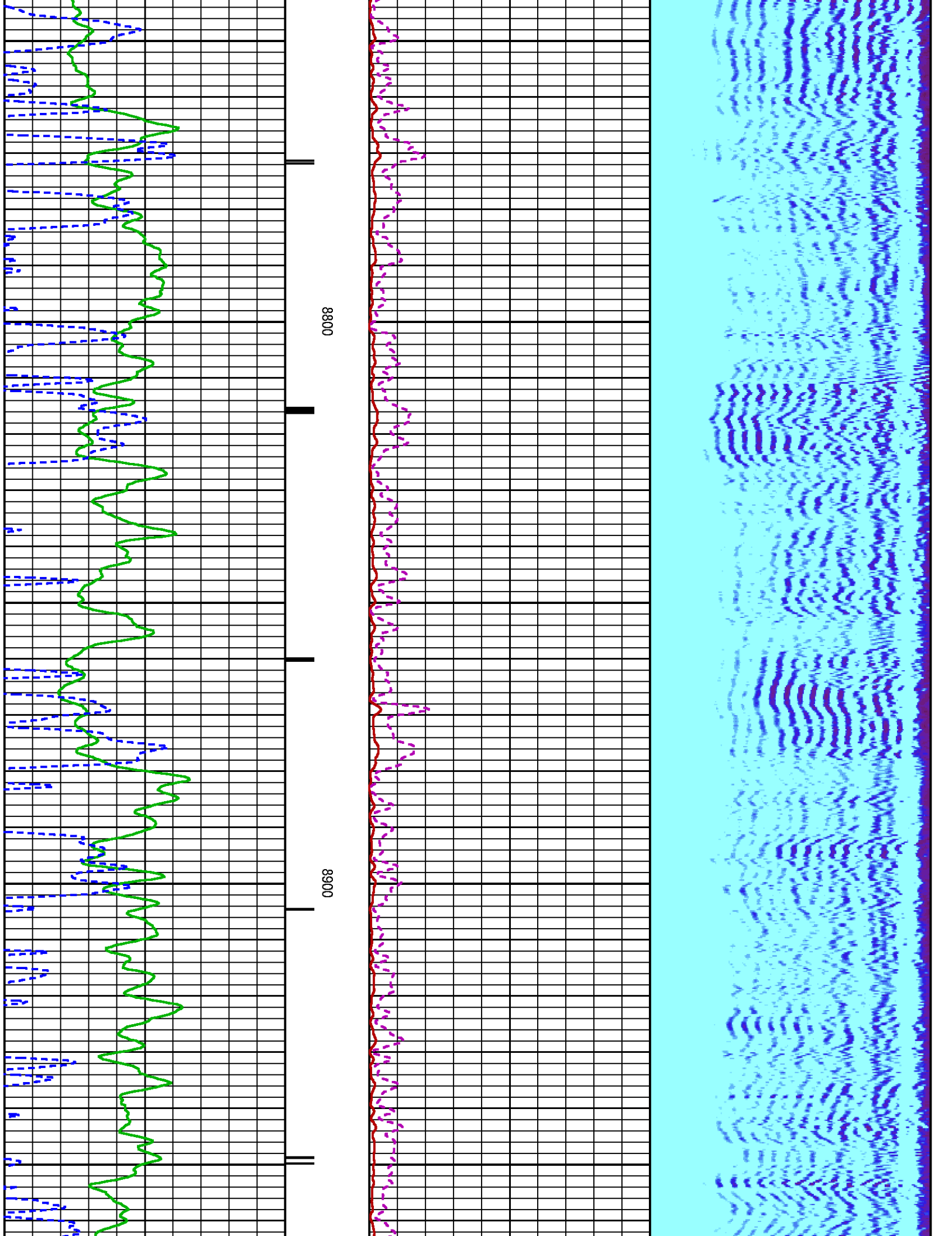


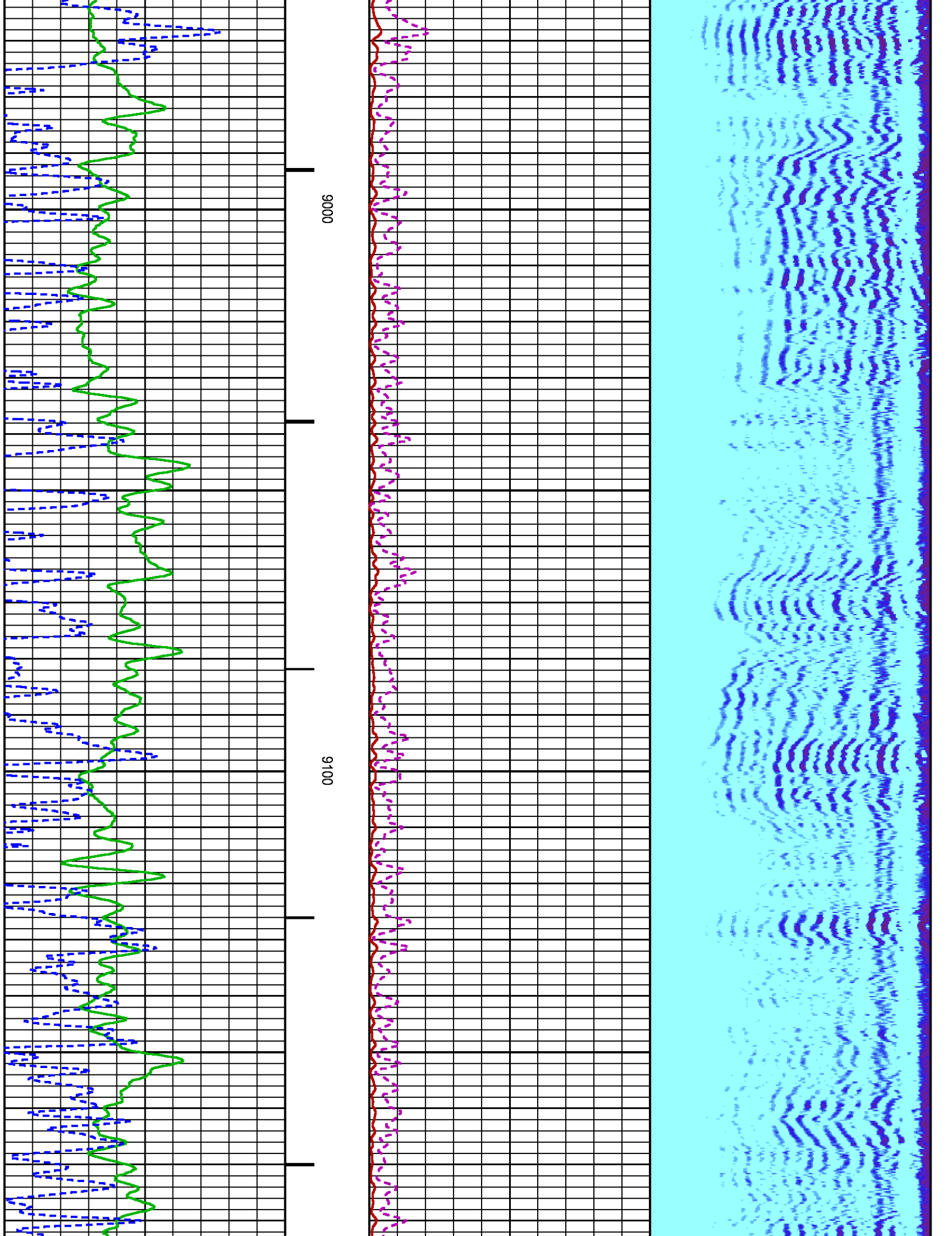


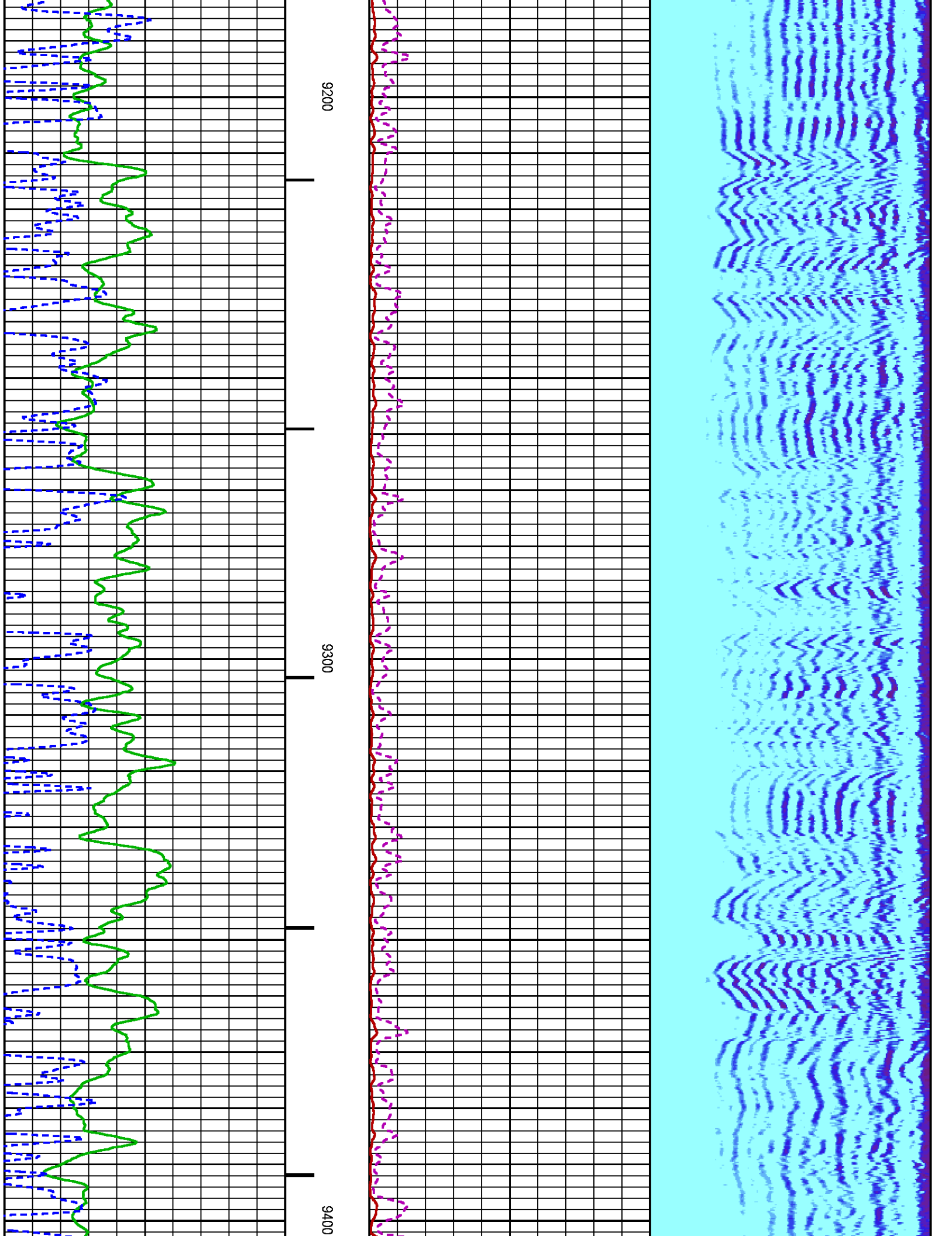


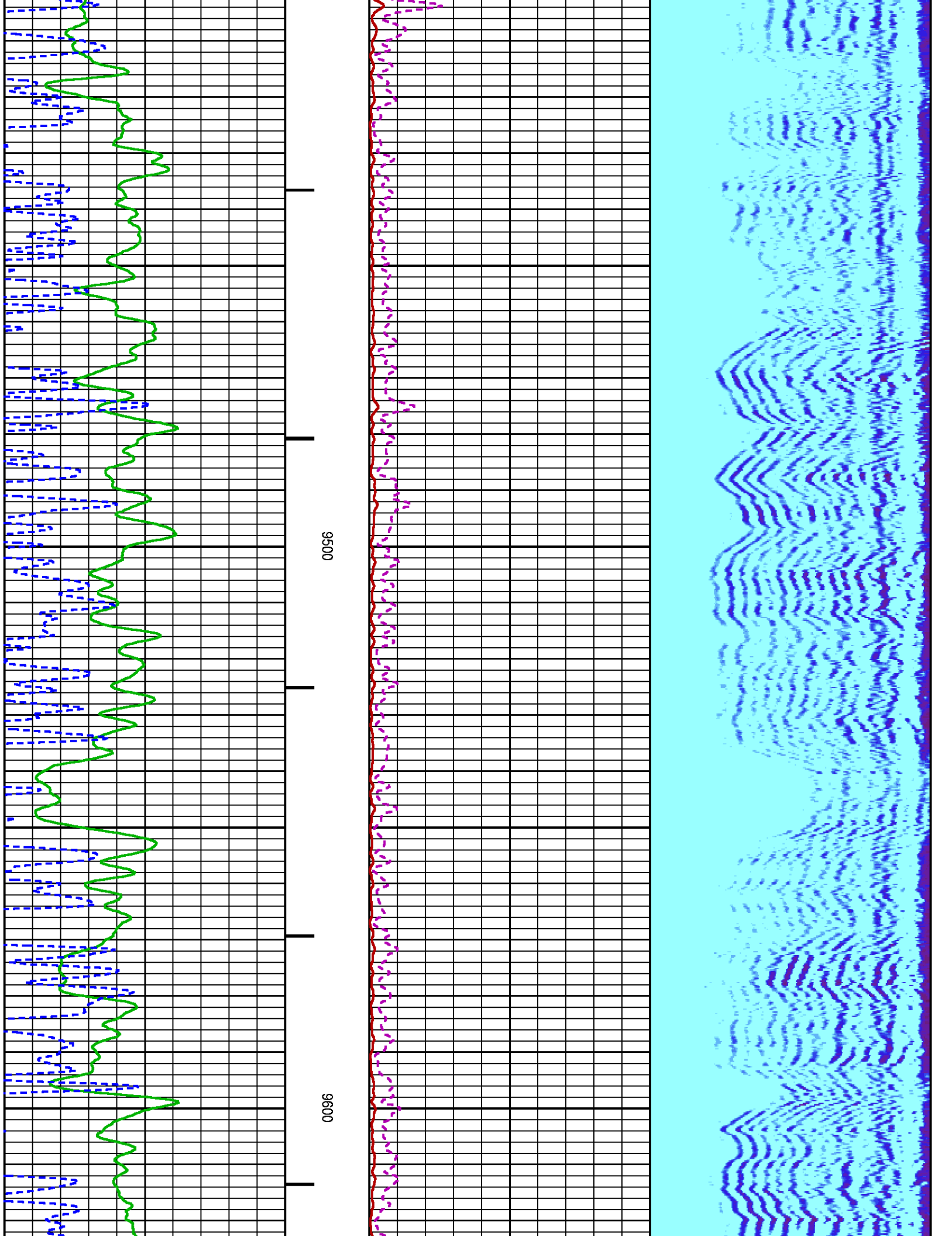


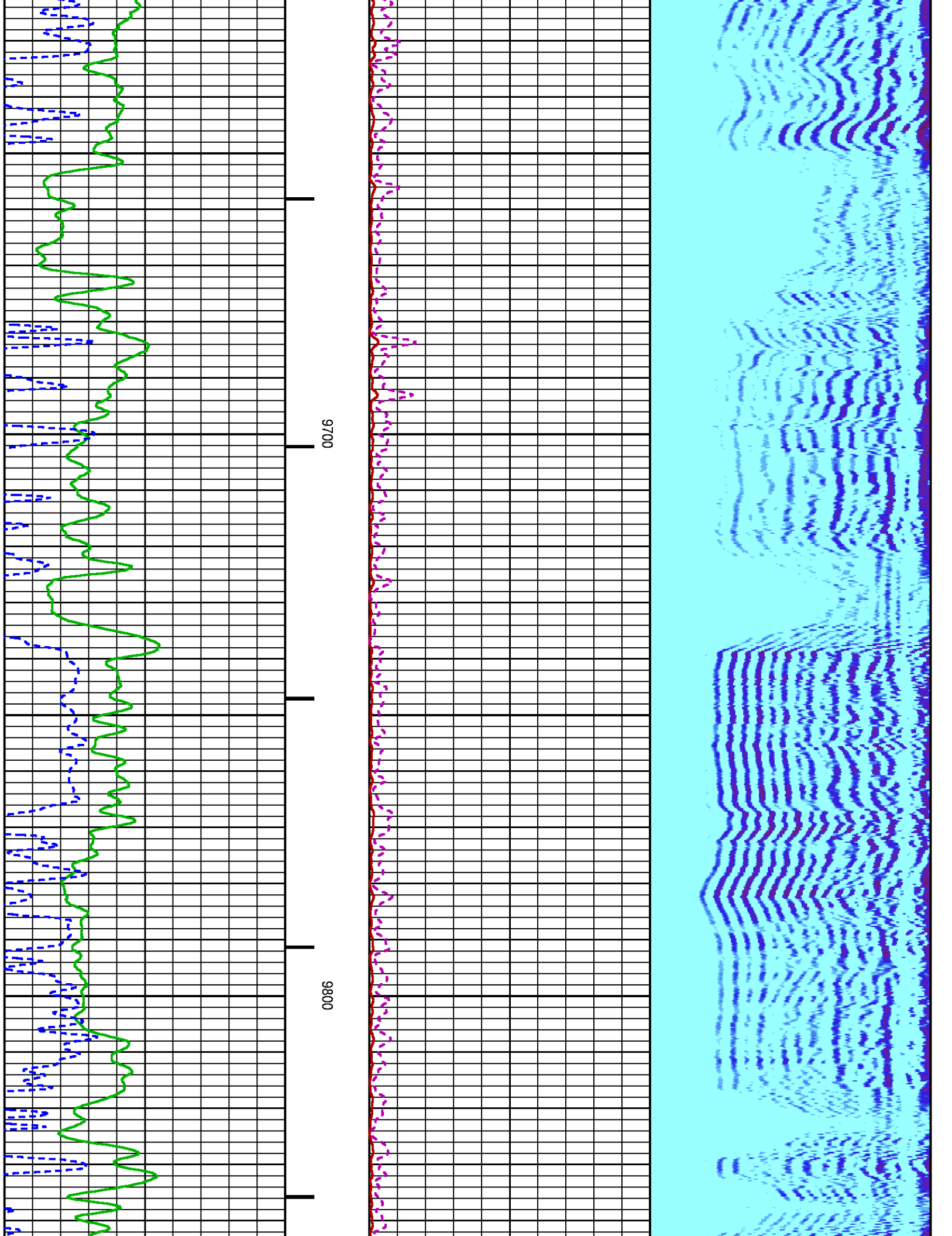


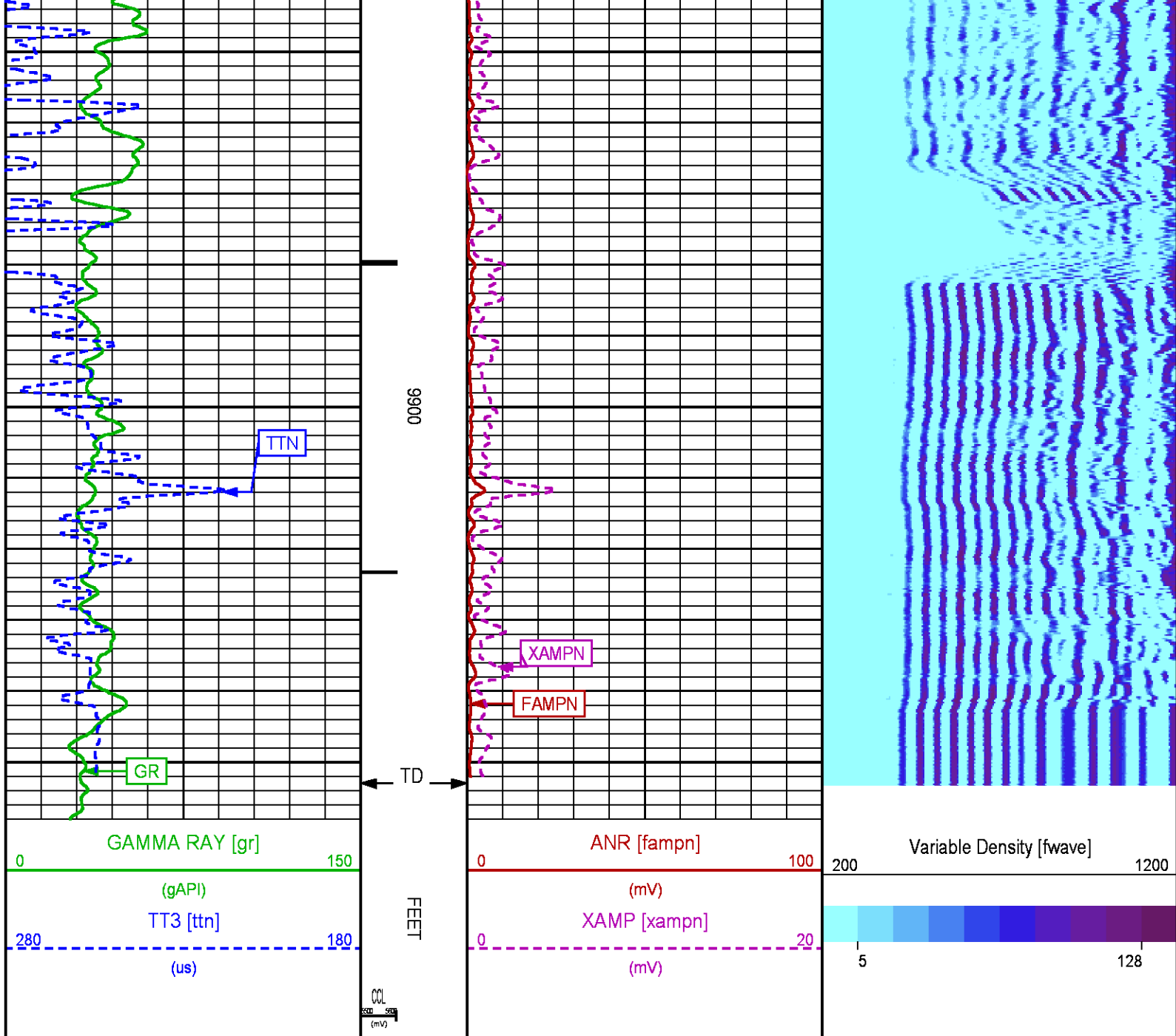












REPEAT LOG 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1 Patches: 6

Plotted: Fri Jul 3 10:15:17 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096692/n012g01.prm
LOGGING MODE: DEPTH: UP
TOP DEPTH: 9517.000 ft BOTTOM DEPTH: 9947.500 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	heavy (3)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

RAL CCL PROCESSING

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

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	30	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	175	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*)	-70	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	132	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

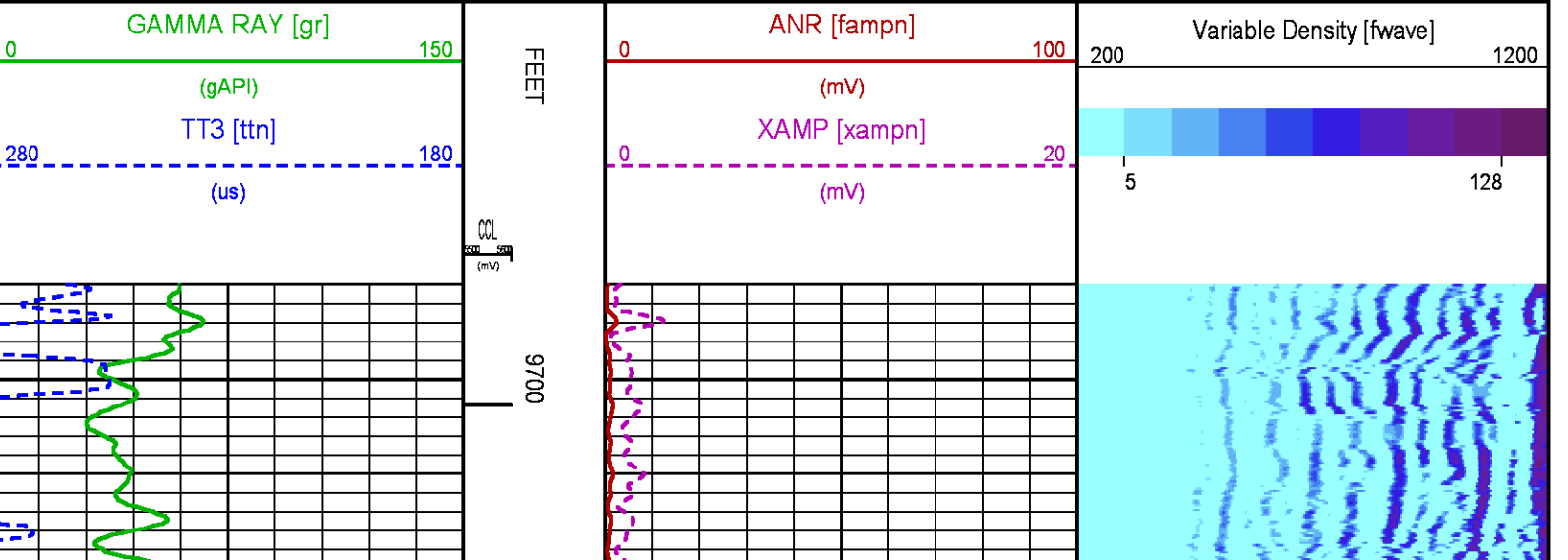
CURVE DESCRIPTION REPORT

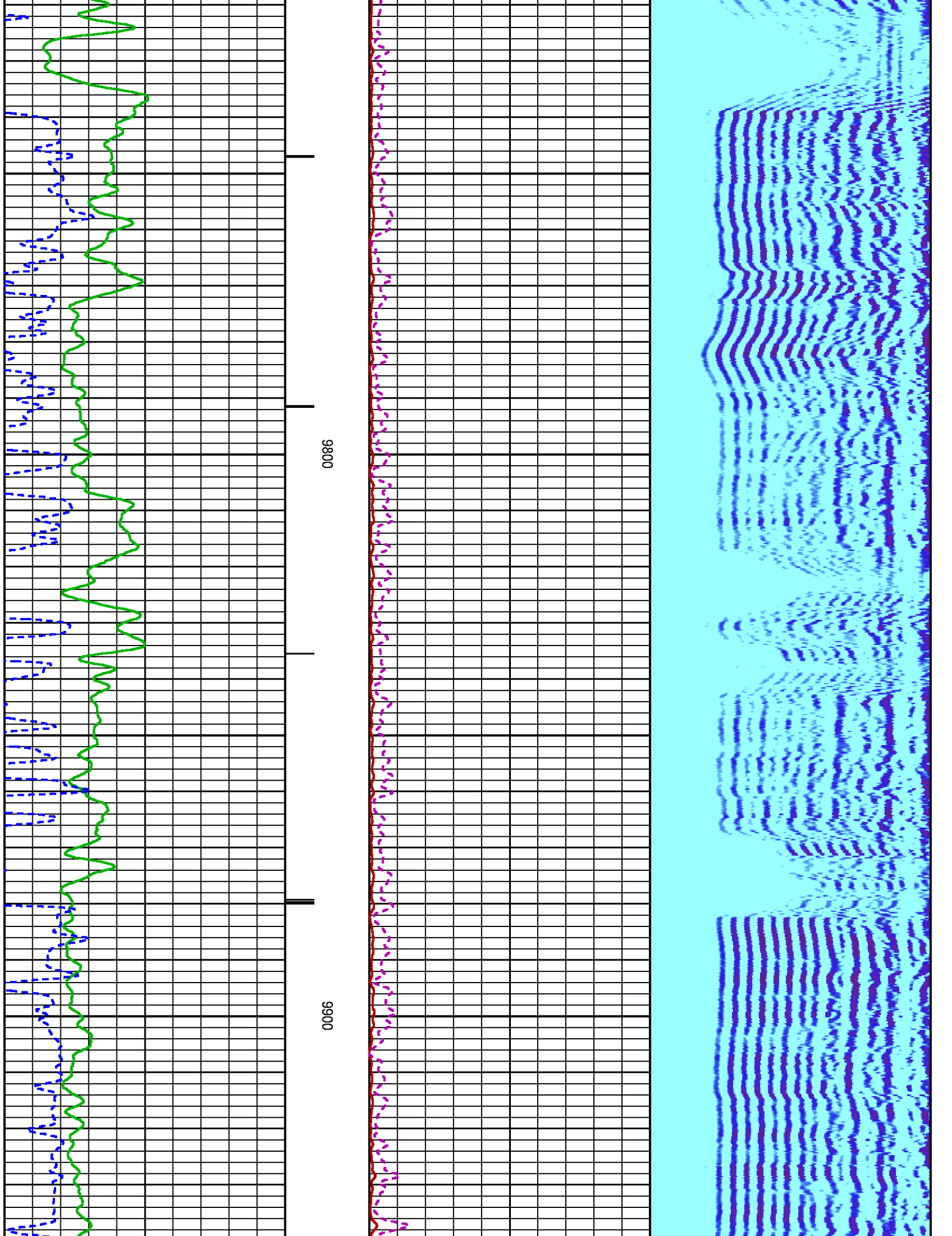
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jul 3 08:45:30 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jul 3 08:45:30 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jul 3 08:45:30 2015	FAR WAVE FORM
F1:GR	Jul 3 08:45:30 2015	GAMMA RAY
F1:TTN	Jul 3 08:45:30 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jul 3 08:45:30 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

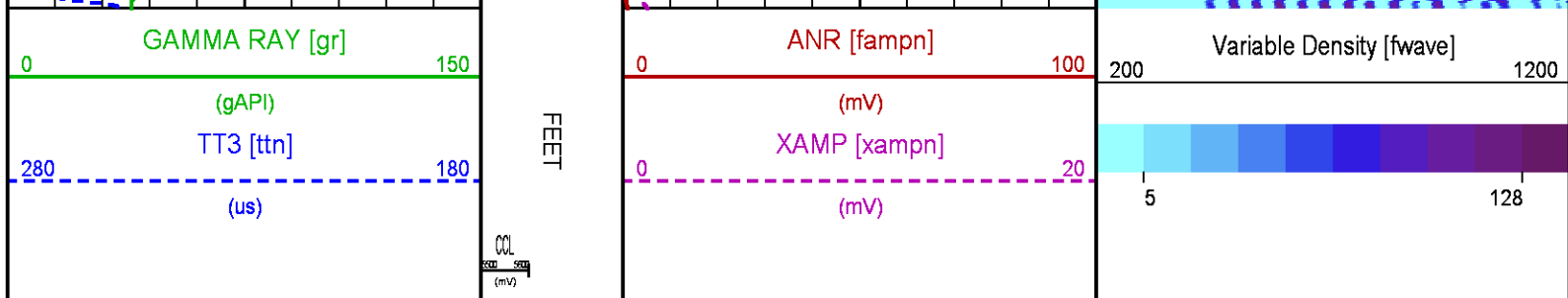
CURVE MEASURE POINT OFFSET

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/CH096692/WPX_CBL_REPEAT_PRESENTATION.fvpdf [5"/100' Scale]
Plot Interval	: 9690 - 9940 Feet
Data File 1	: F1 : HL6670:/dat1a/CH096692/n012g01REPEAT444.xtf
Created On	: Jul 3 08:45:30 2015
Company	: WPX ENERGY
Well	: YOUNBERG RU 444_7
Field	: RULISON
File Interval	: 9505.5 - 9947.5 Feet
OCT	: n012g







SECONDARY 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: Fri Jul 3 12:10:43 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096692/n012gR01.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 11.000 ft BOTTOM DEPTH: 9947.500 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	heavy (3)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

RAL CCL PROCESSING

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

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgp1*)	185	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	185	us	"	"
	AMP WINDOW START (fgp3*)	185	us	"	"
	AMP WINDOW START (fgp4*)	185	us	"	"
	AMP WINDOW START (fgp5*)	185	us	"	"
	AMP WINDOW START (fgp6*)	185	us	"	"
	AMP WINDOW START (fgp7*)	185	us	"	"
	AMP WINDOW START (fgp8*)	185	us	"	"
	AMP WINDOW START (fgpn*)	185	us	"	"
	AMP WINDOW LENGTH	30	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*)	-76	us	"	"
	TOOL DELAY (str2*)	-76	us	"	"
	TOOL DELAY (str3*)	-76	us	"	"
	TOOL DELAY (str4*)	-76	us	"	"
	TOOL DELAY (str5*)	-76	us	"	"
	TOOL DELAY (str6*)	-76	us	"	"
	TOOL DELAY (str7*)	-76	us	"	"
	TOOL DELAY (str8*)	-76	us	"	"
BASELINE NOISE (NEAR)	TOOL DELAY (strn*)	-76	us	"	"
	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

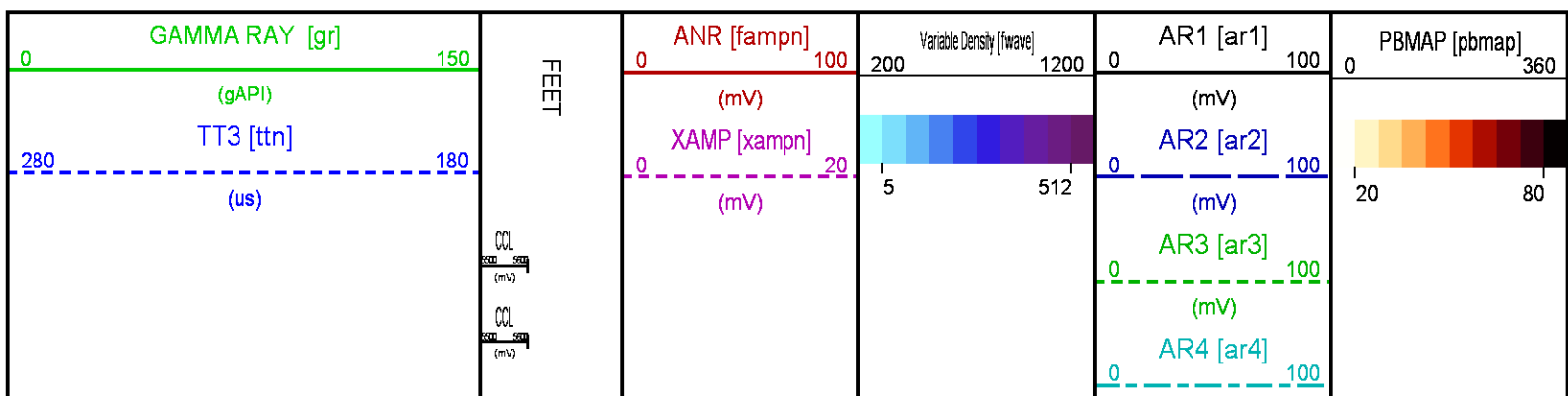
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Jul 3 11:05:18 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jul 3 11:05:18 2015	FAR WAVE FORM
F1:GR	Jul 3 11:05:18 2015	GAMMA RAY
F1:PBMAP	Jul 3 11:05:18 2015	PERCENT BOND CEMENT MAP
F1:TTN	Jul 3 11:05:18 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jul 3 11:05:18 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

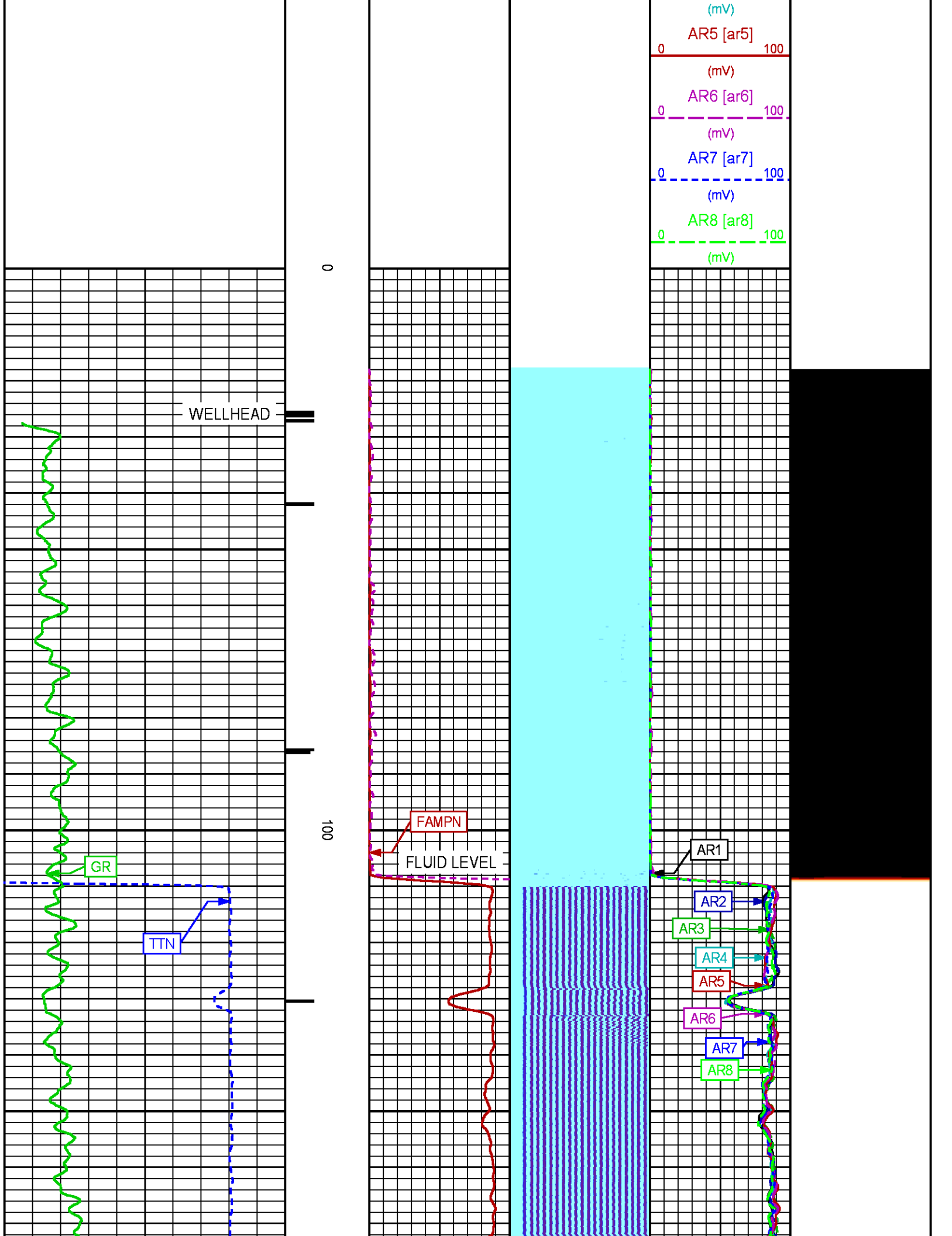
CURVE MEASURE POINT OFFSET

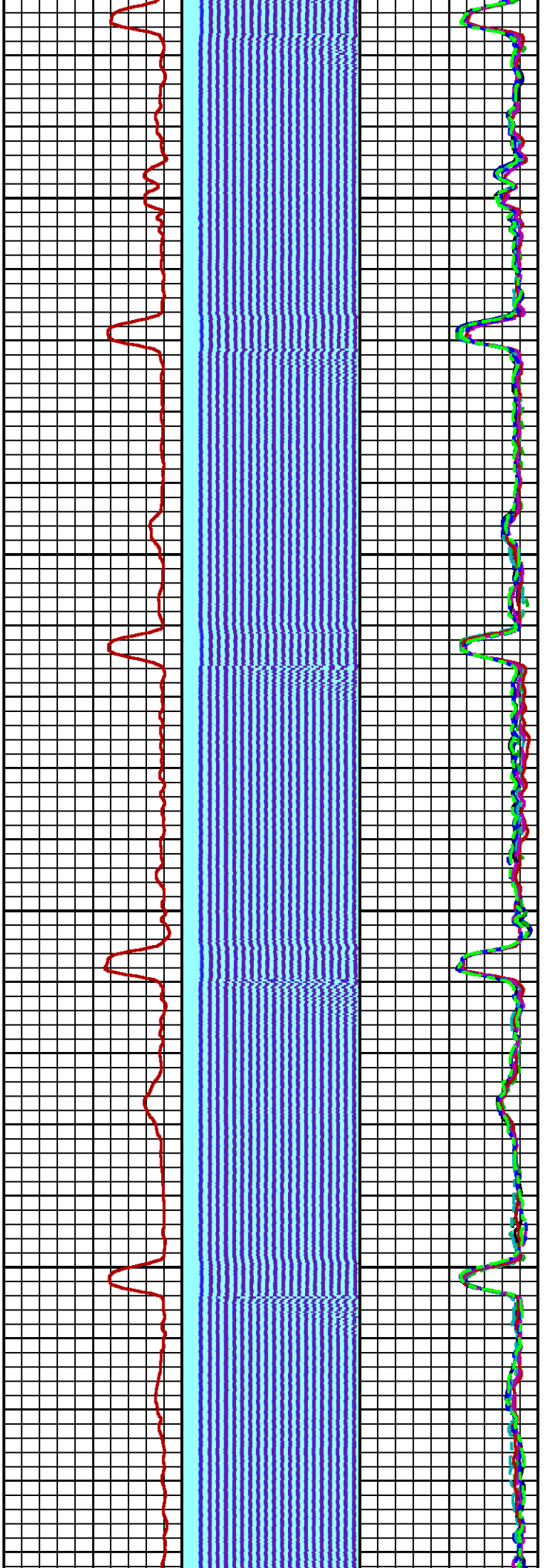
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	11.25	AR5	11.25	CCL	5.75	XAMPN	11.25
AR2	11.25	AR6	11.25	FAMPN	11.25		
AR3	11.25	AR7	11.25	GR	1.75		
AR4	11.25	AR8	11.25	TTN	11.25		

Presentation : HL6670:/dat1a/CH096692/WPX_CBL_SECONDARY_PRESENTATION.fvpdf [5"/100' Scale]
Plot Interval : 0 - 9958 Feet

Data File 1 : F1 : HL6670:/dat1a/CH096692/n012gR01MAIN444.xtf
Created On : Jul 3 11:05:18 2015
Company : WPX ENERGY
Well : YOUNBERG RU 444_7
Field : RULISON
File Interval : 16.75 - 9964.5 Feet
OCT : n012g

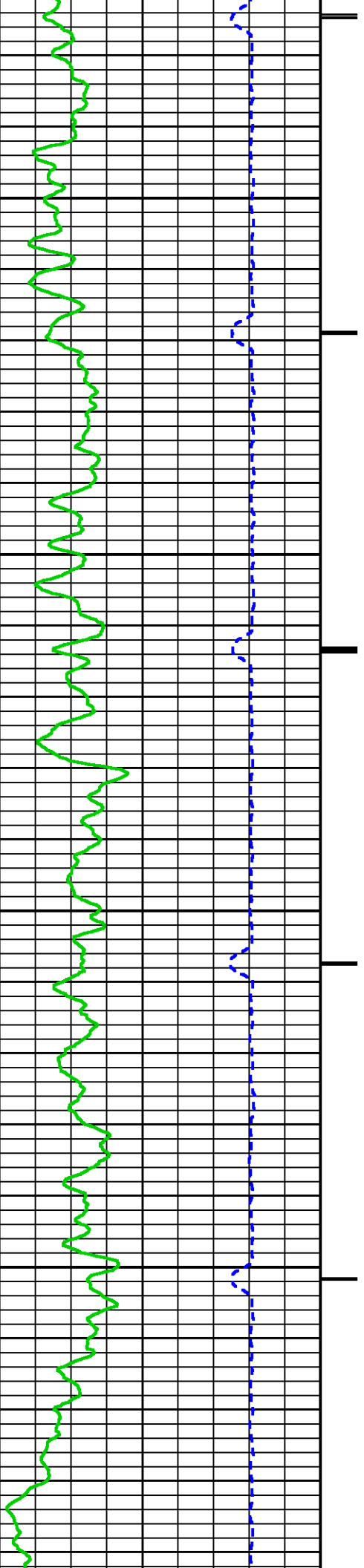


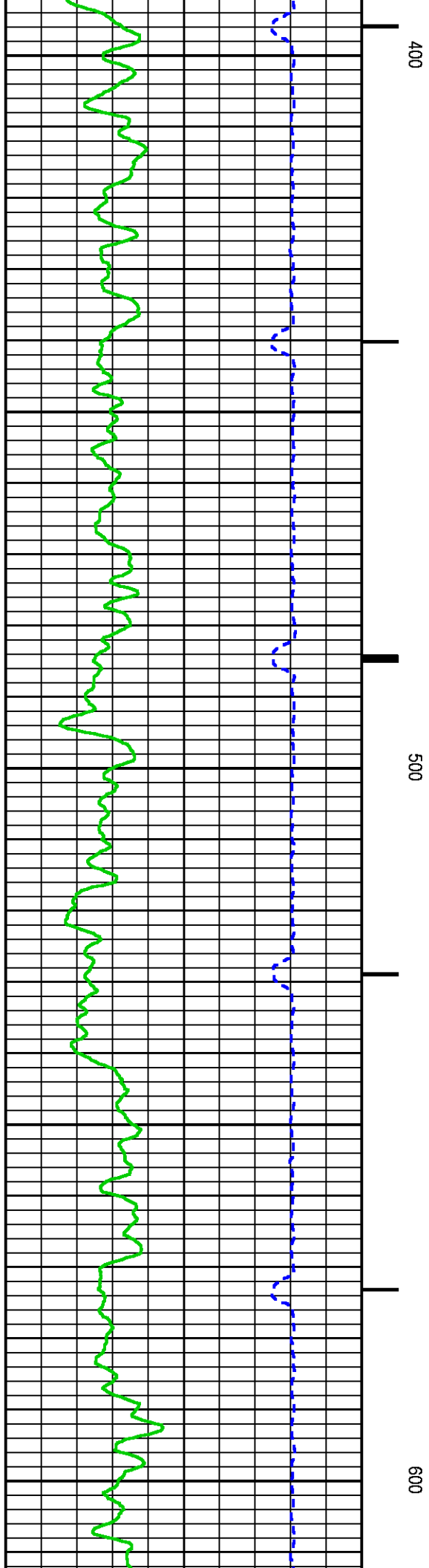
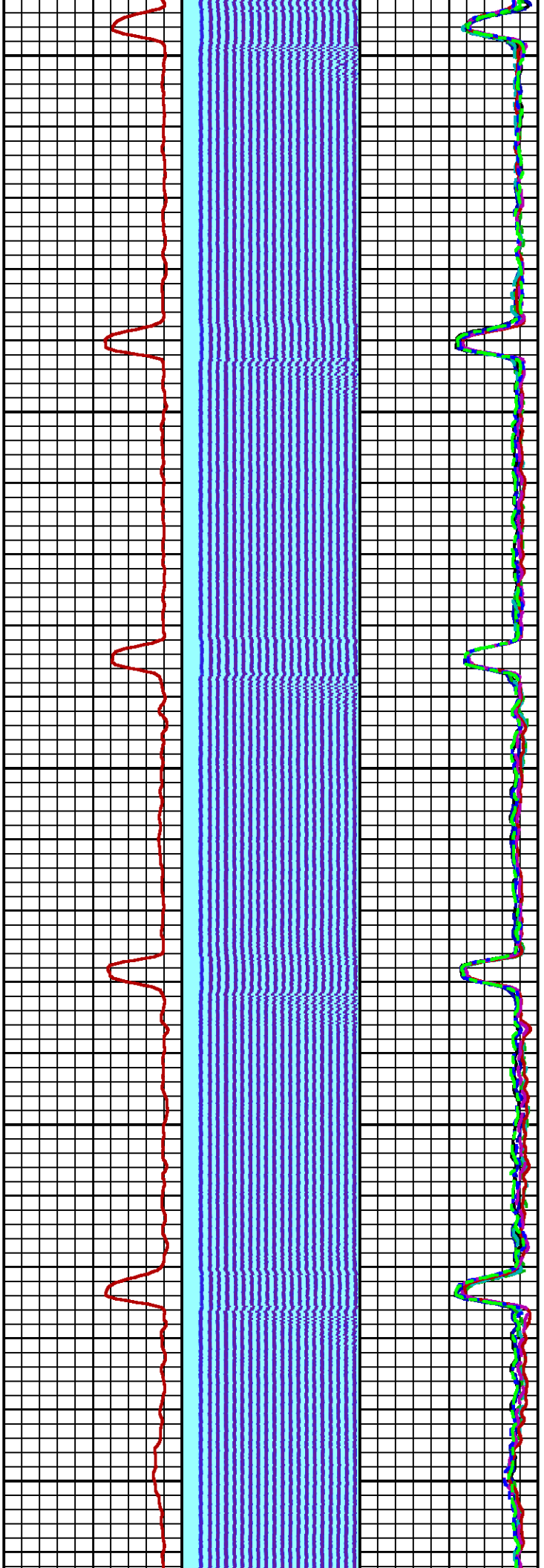


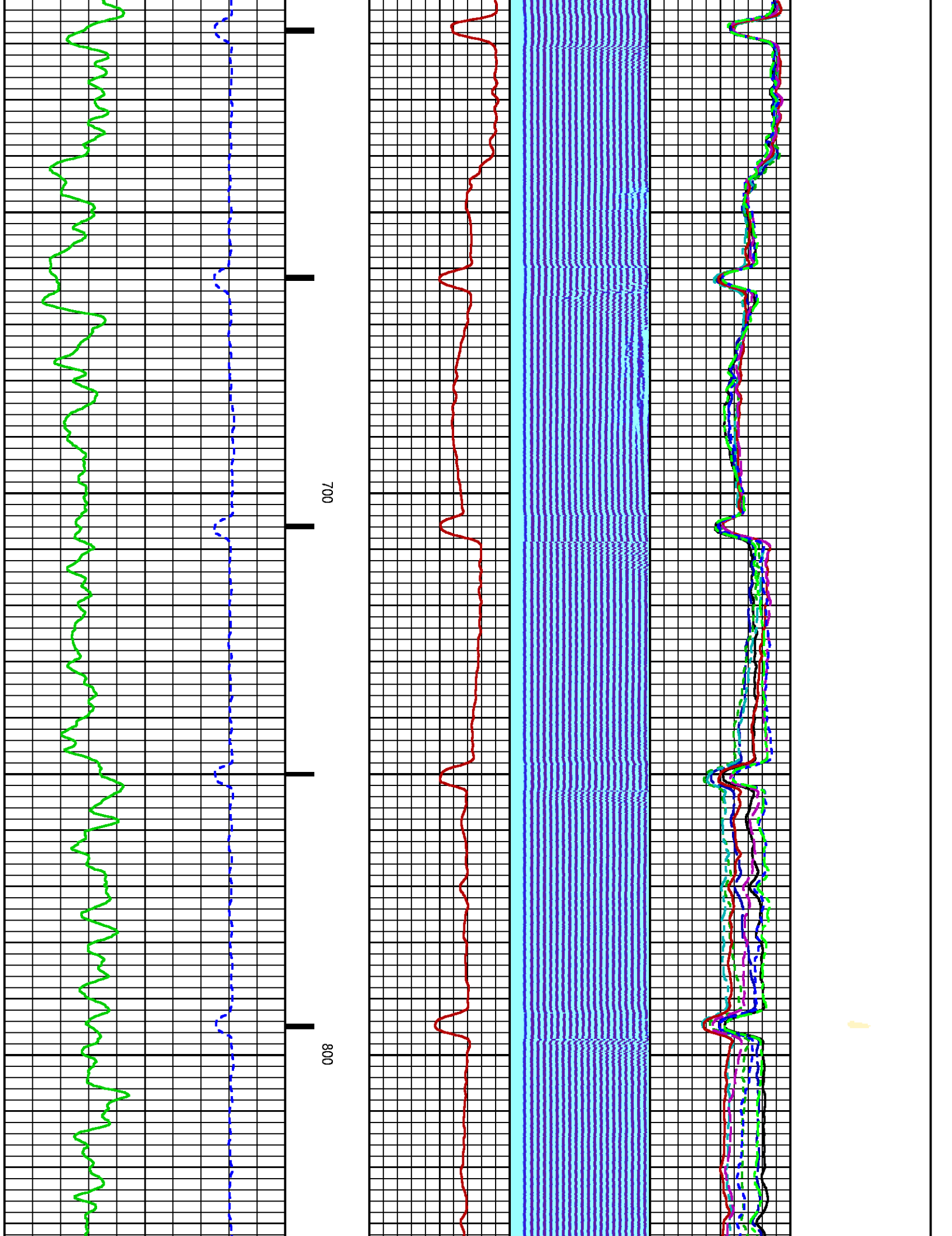


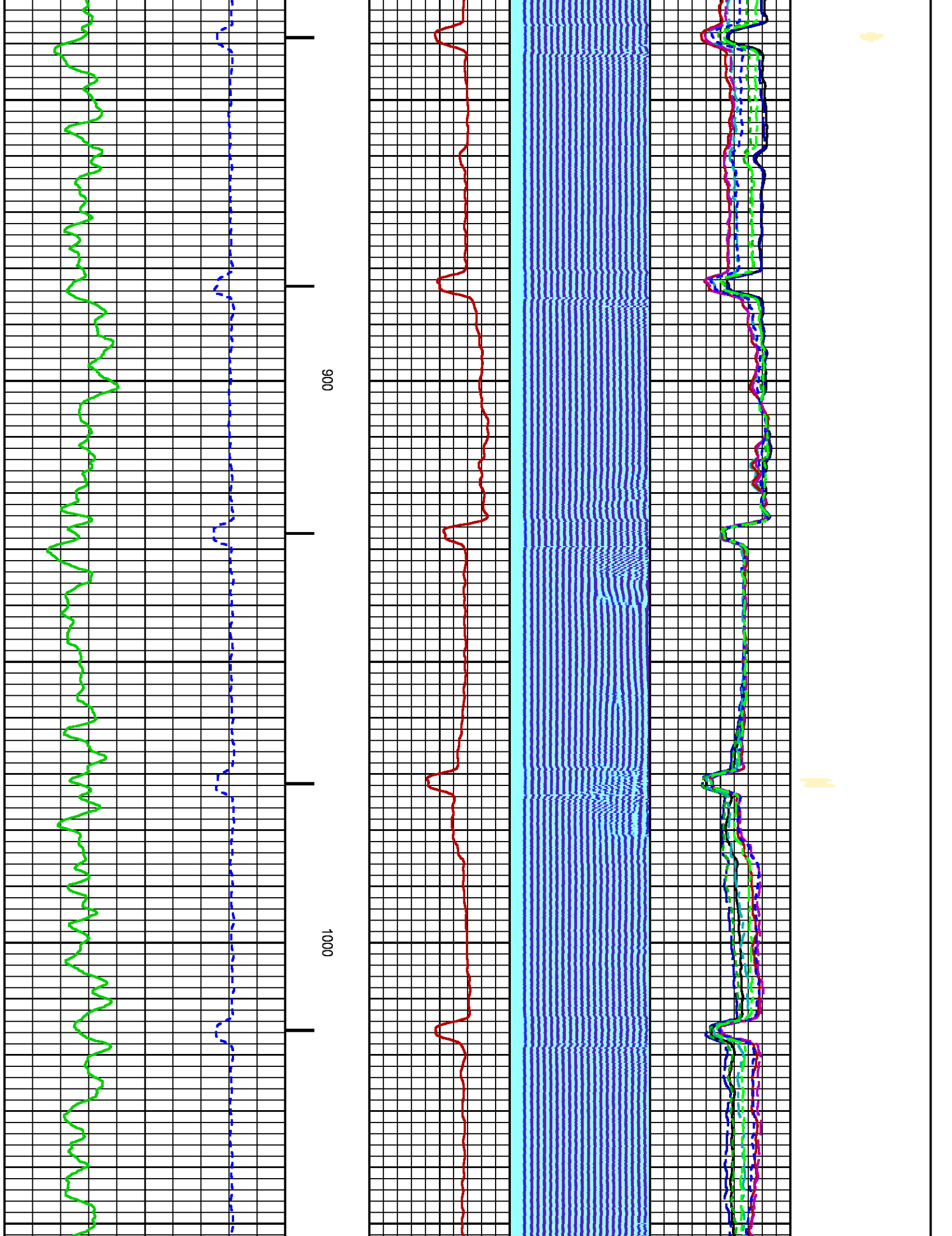
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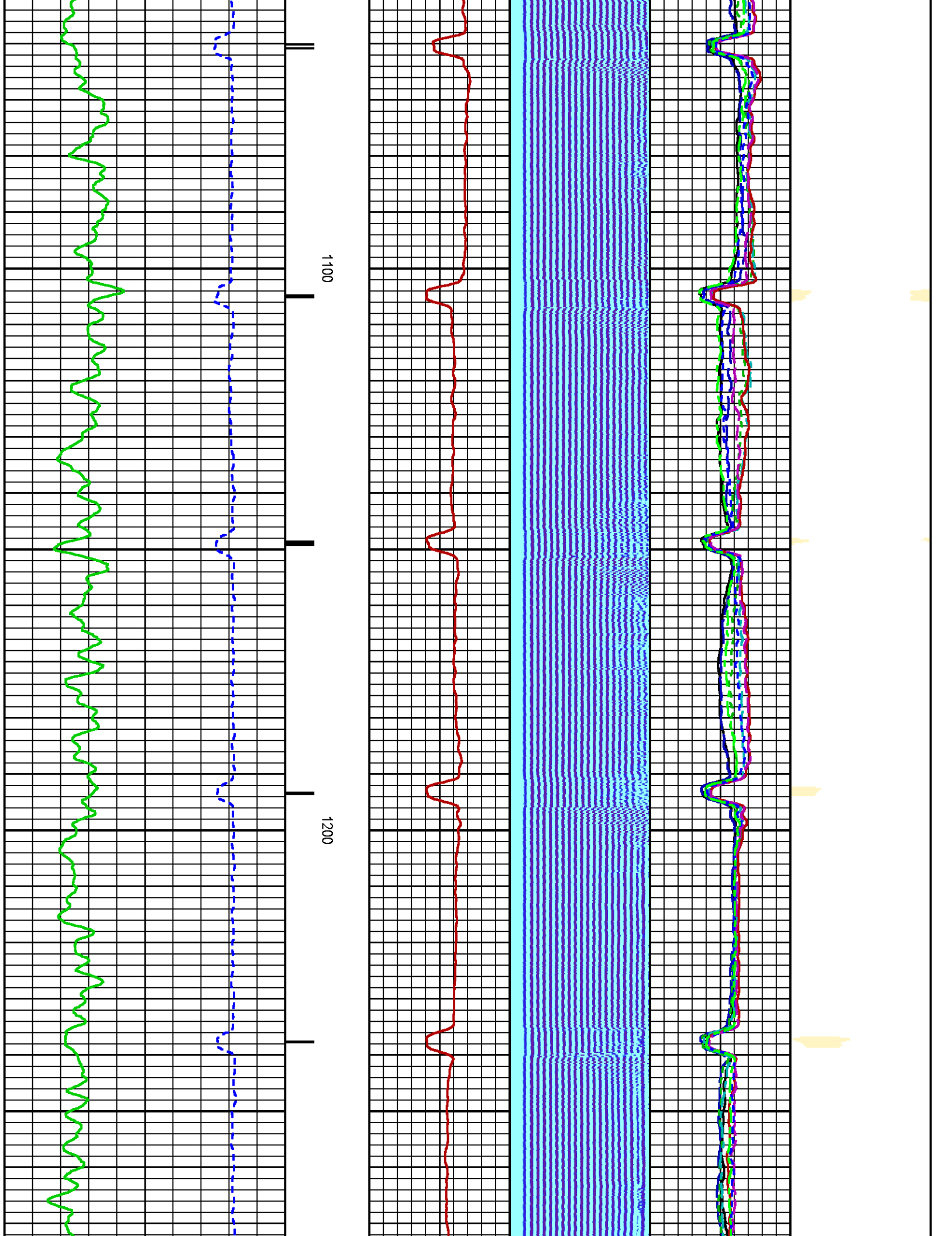
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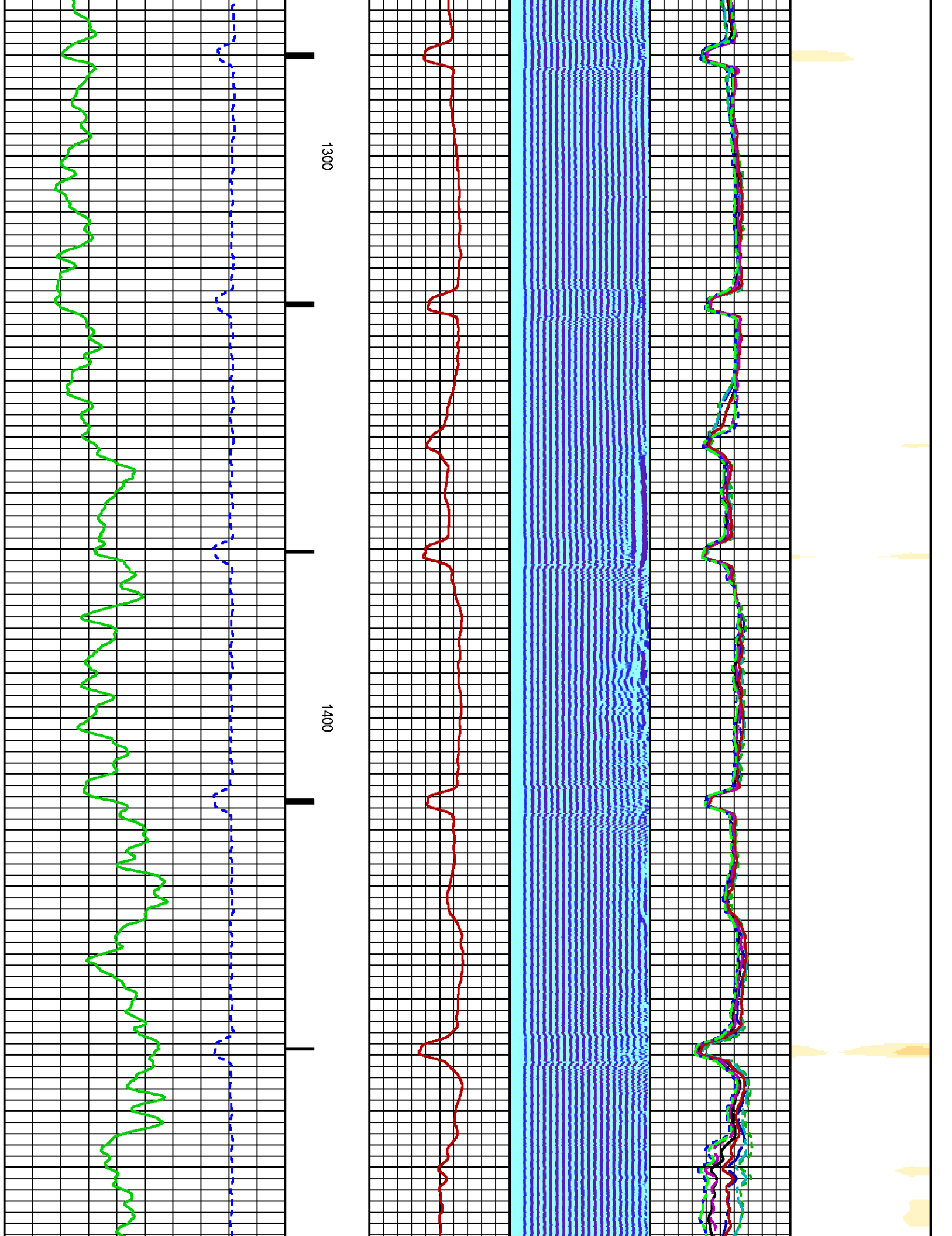


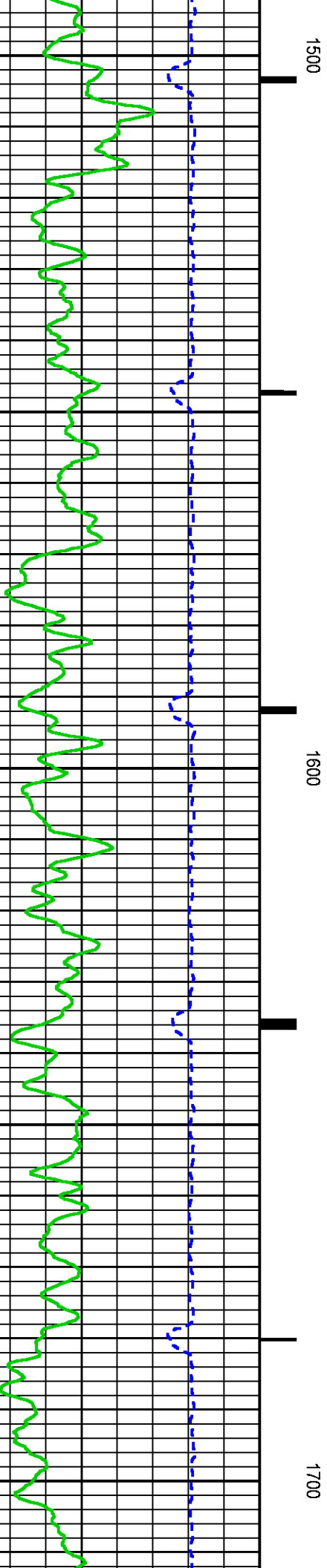
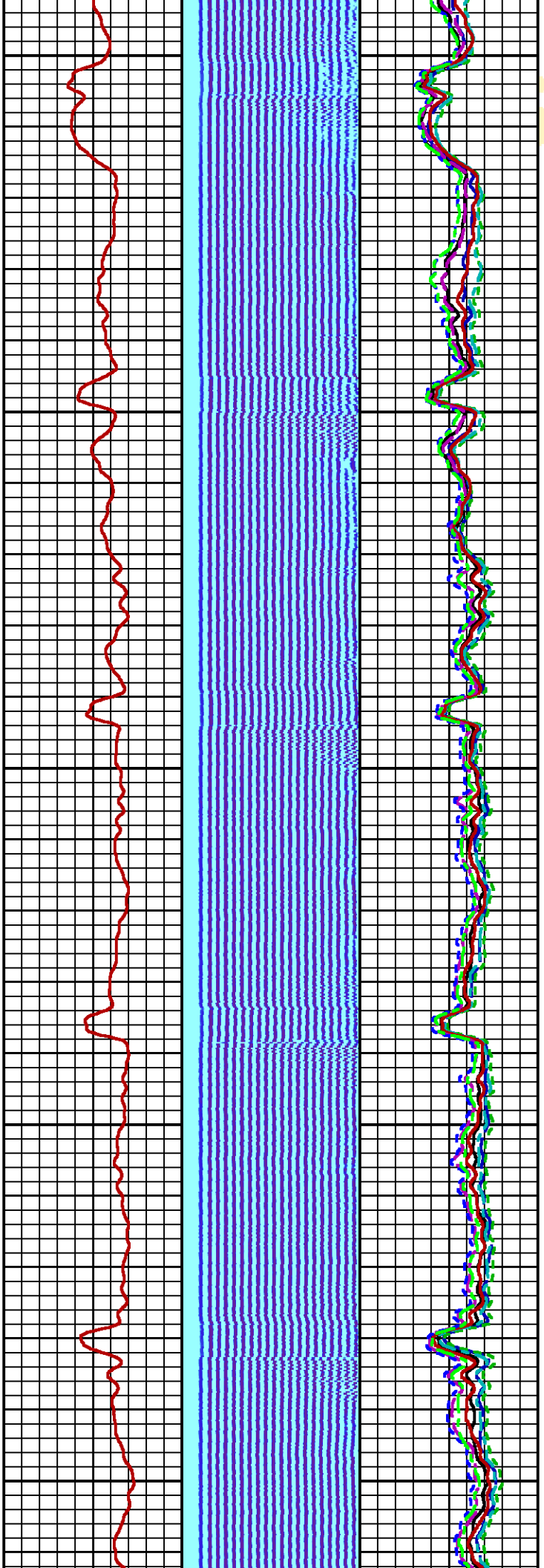


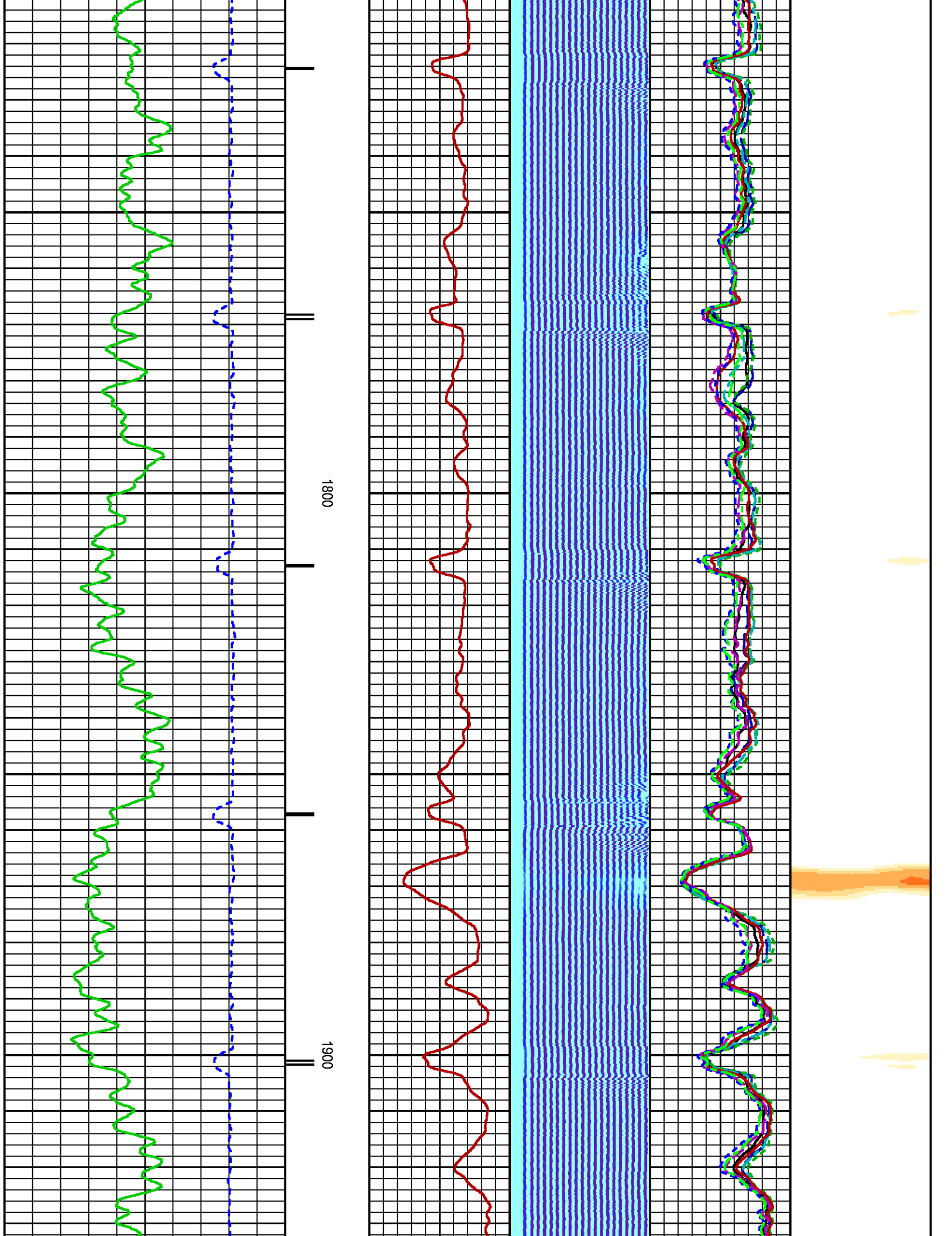


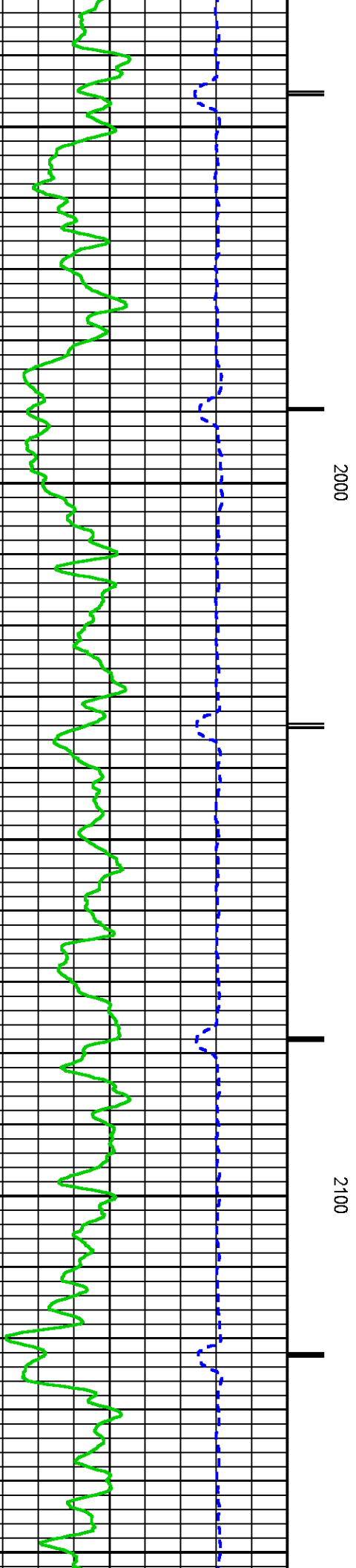
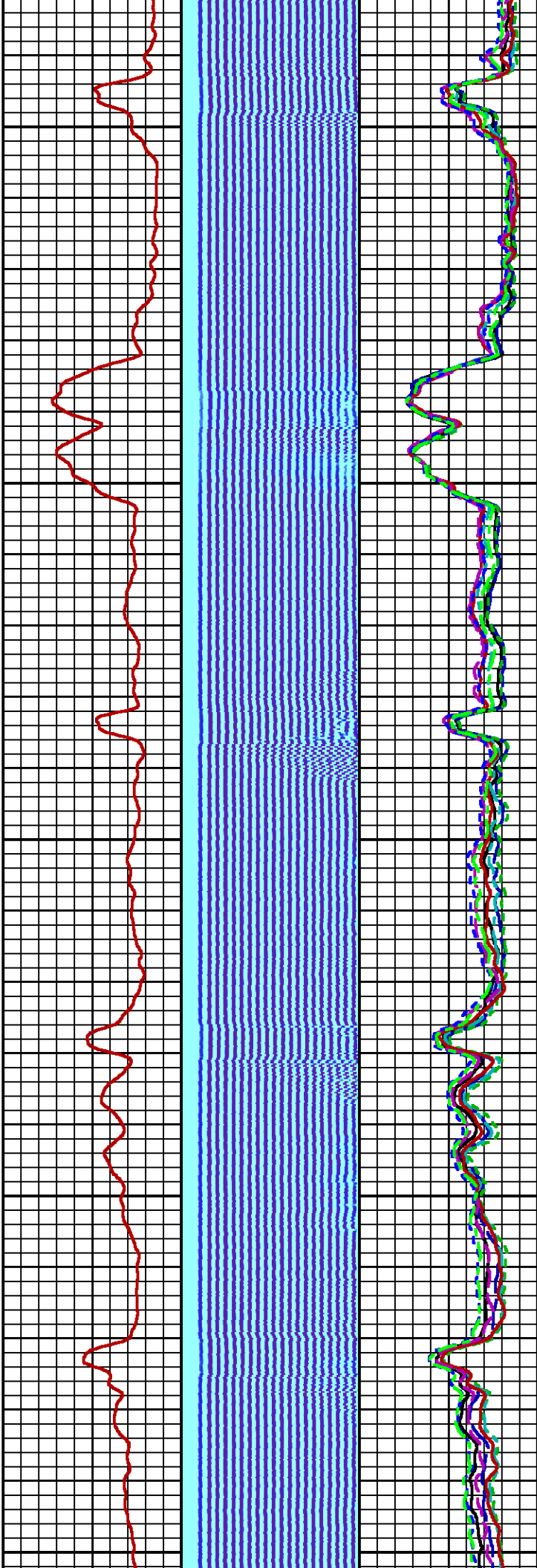


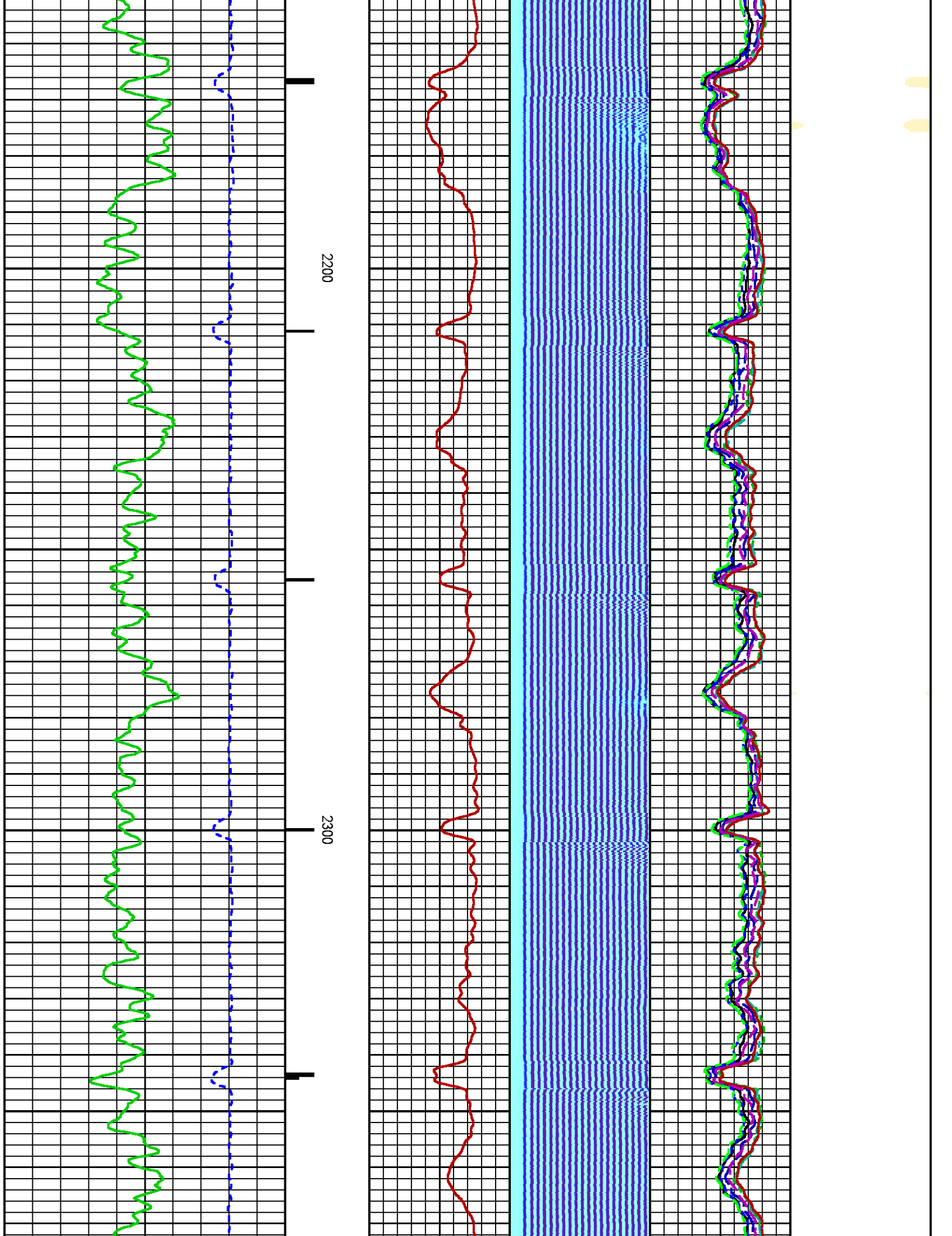


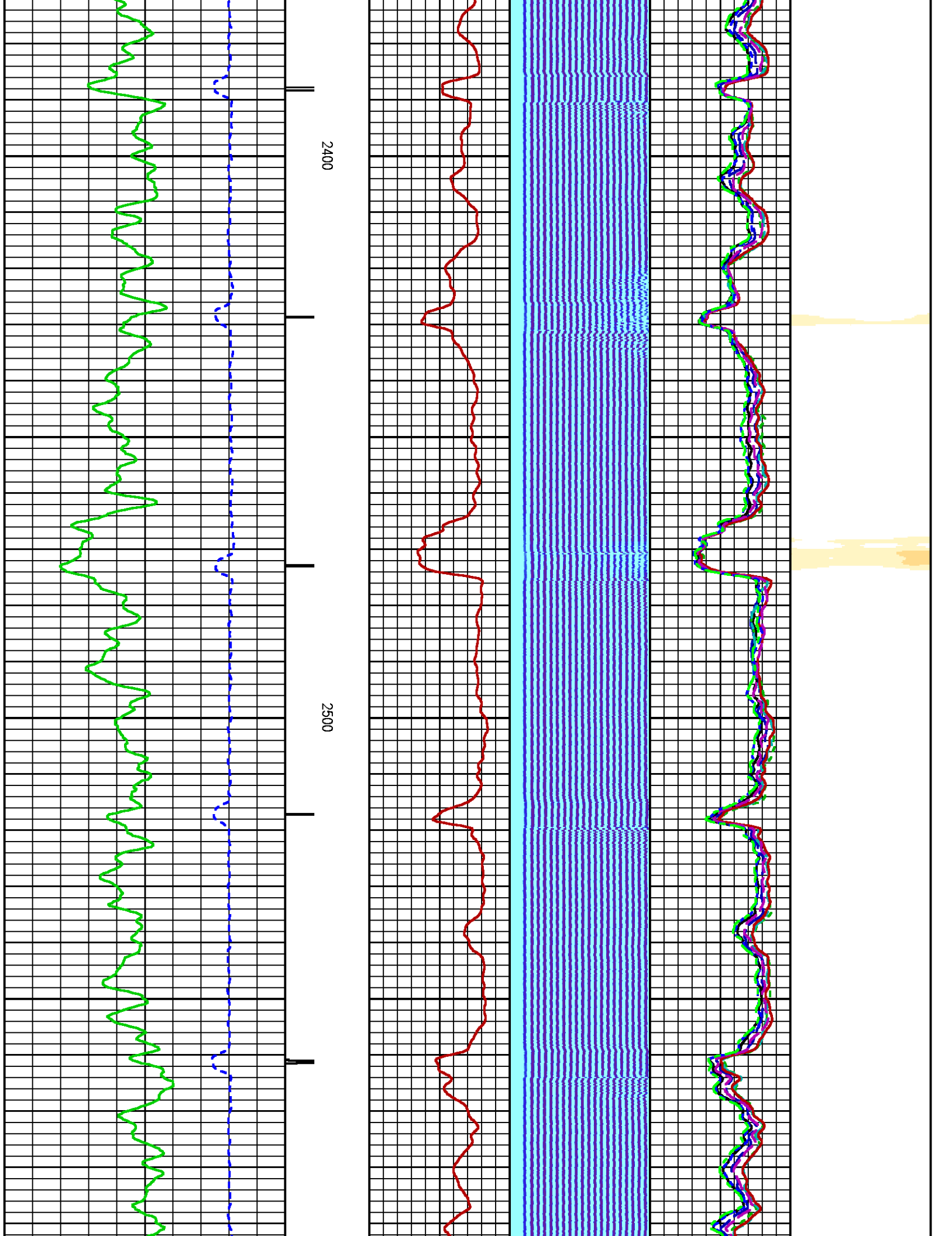


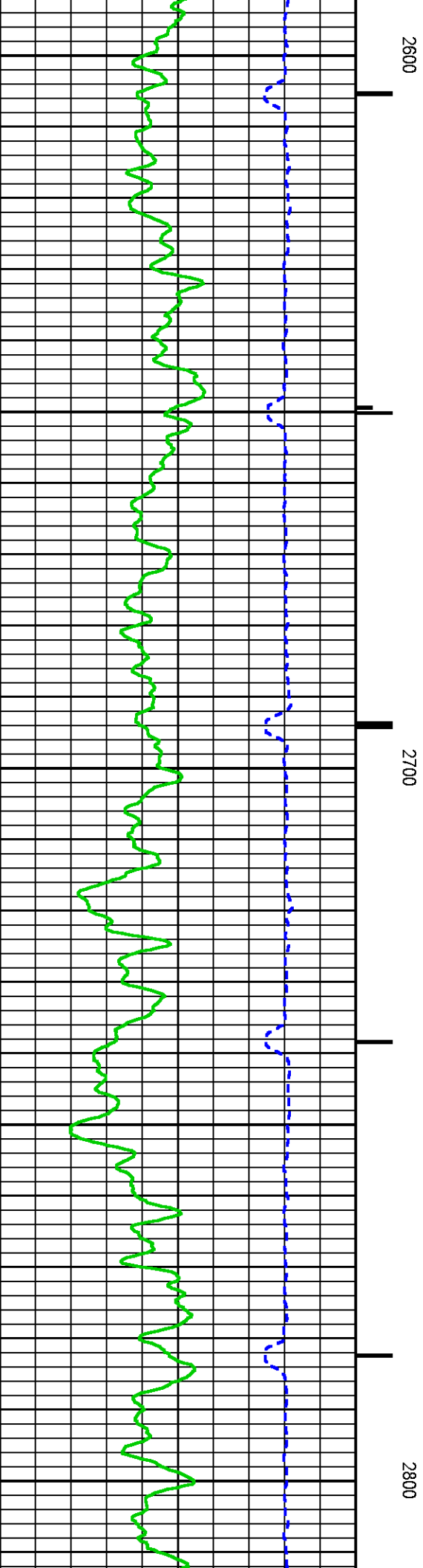
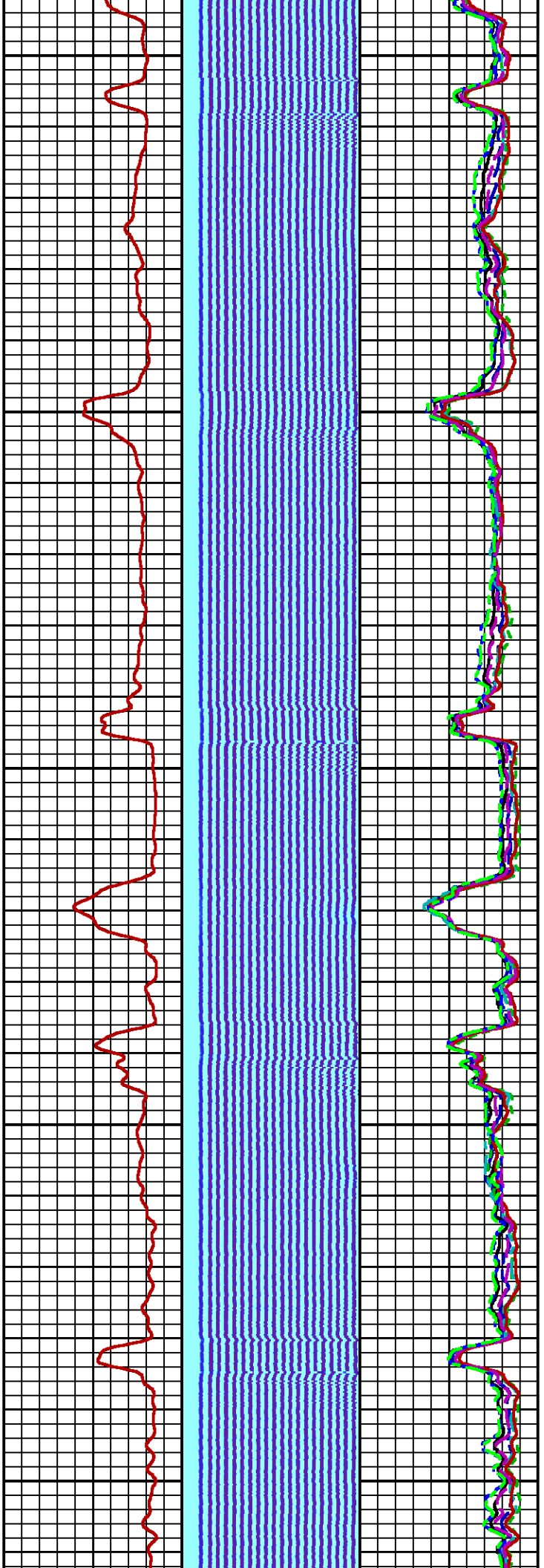


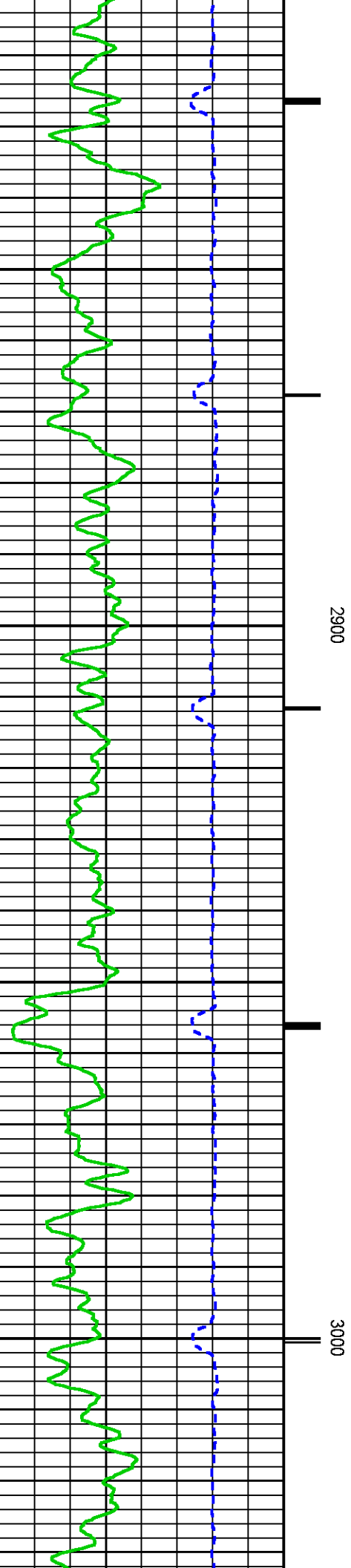
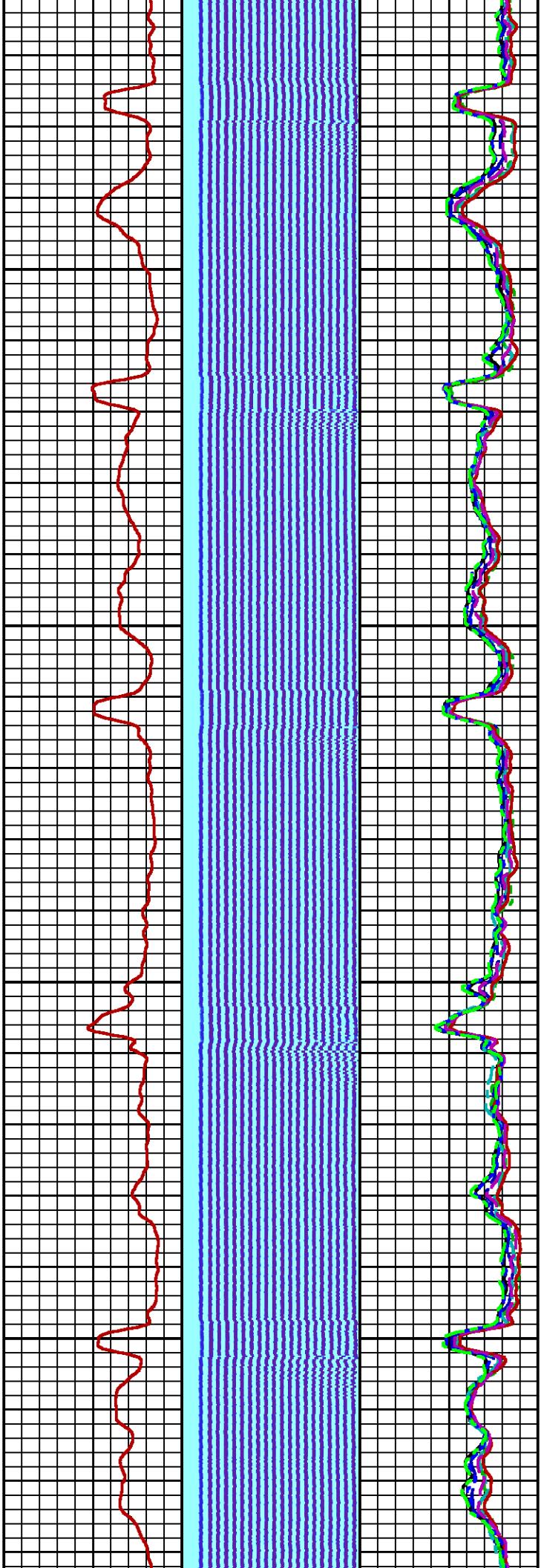


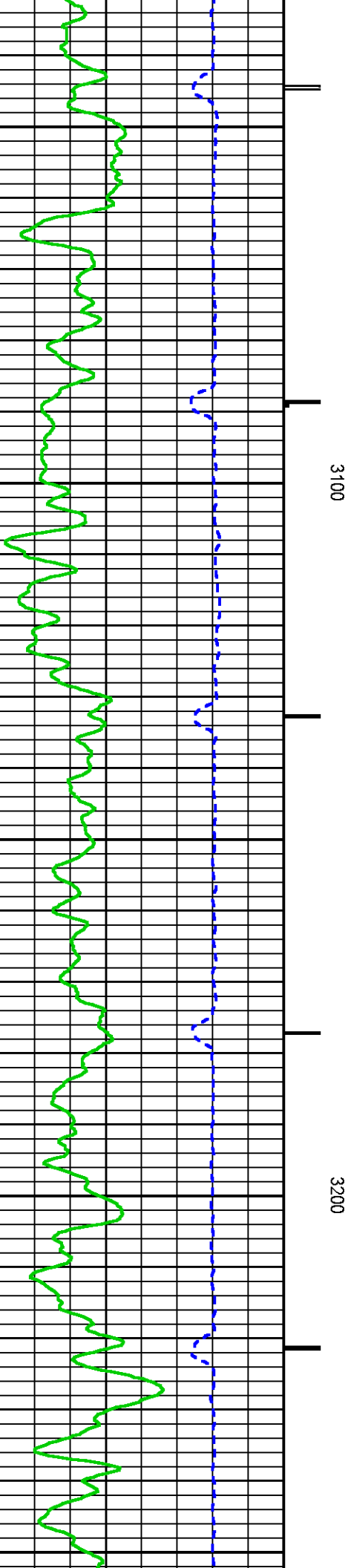
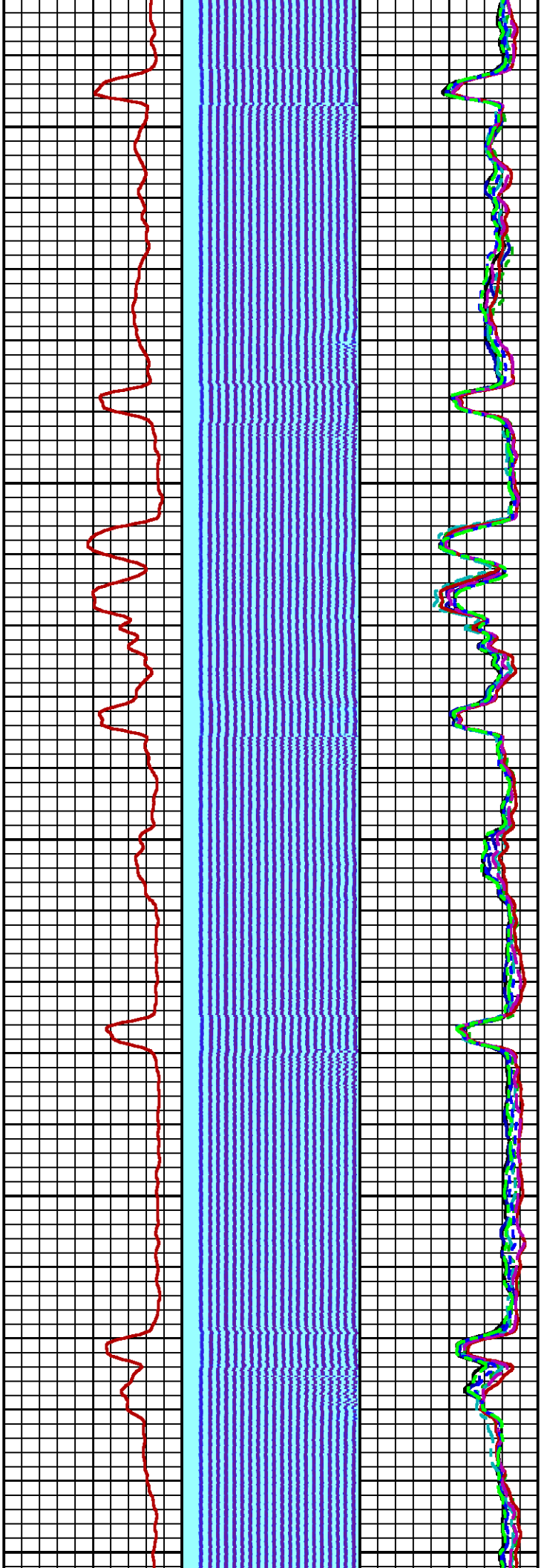


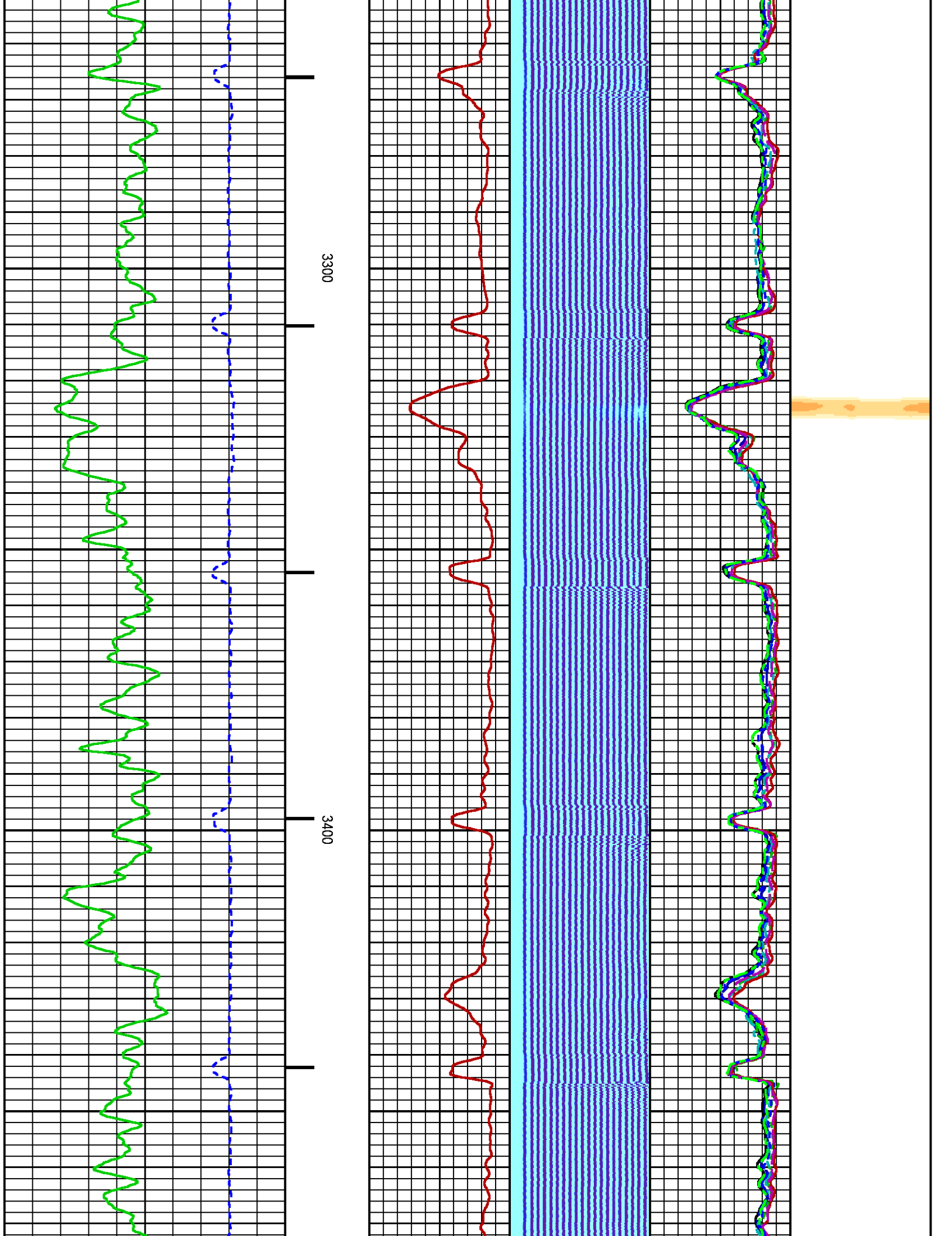


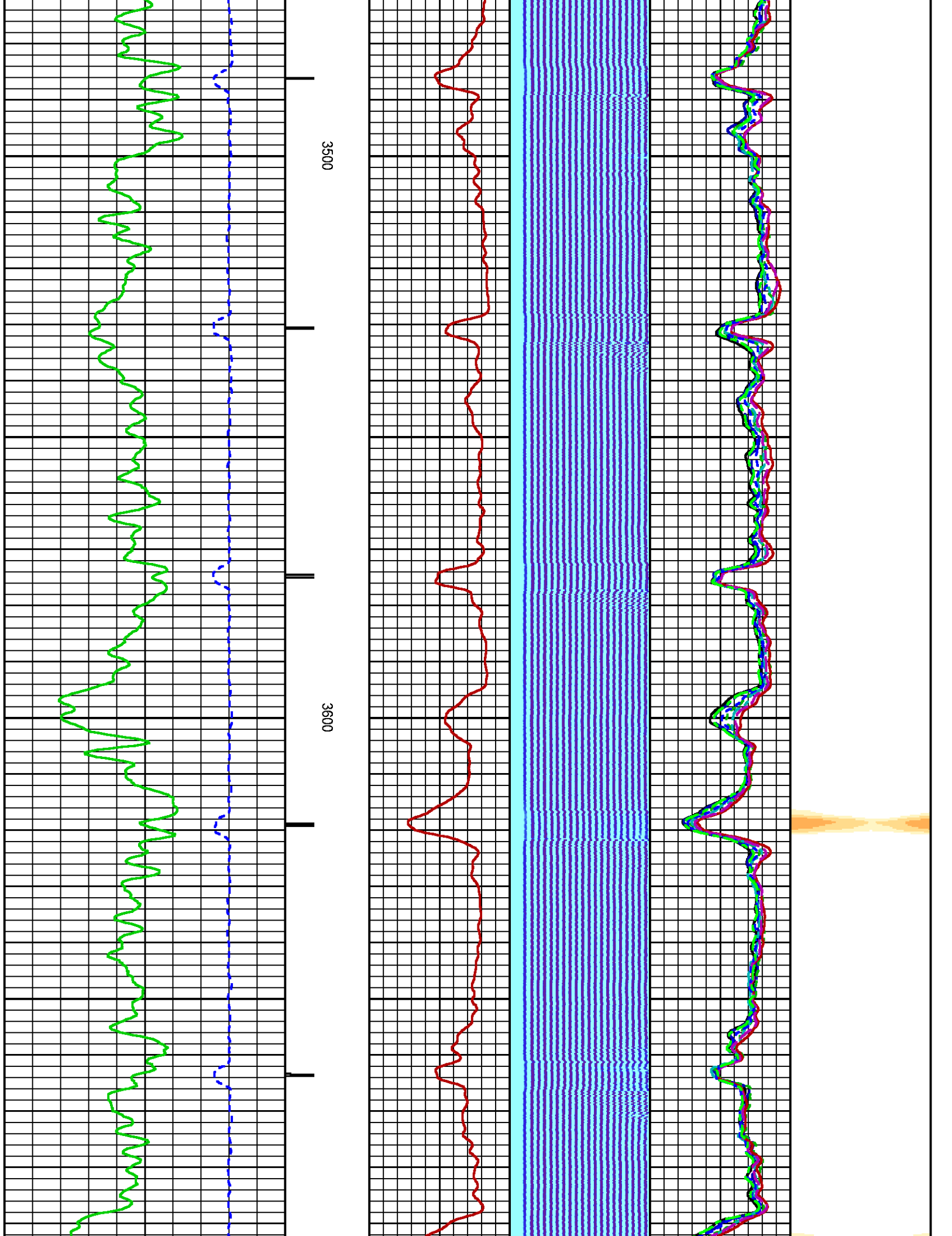


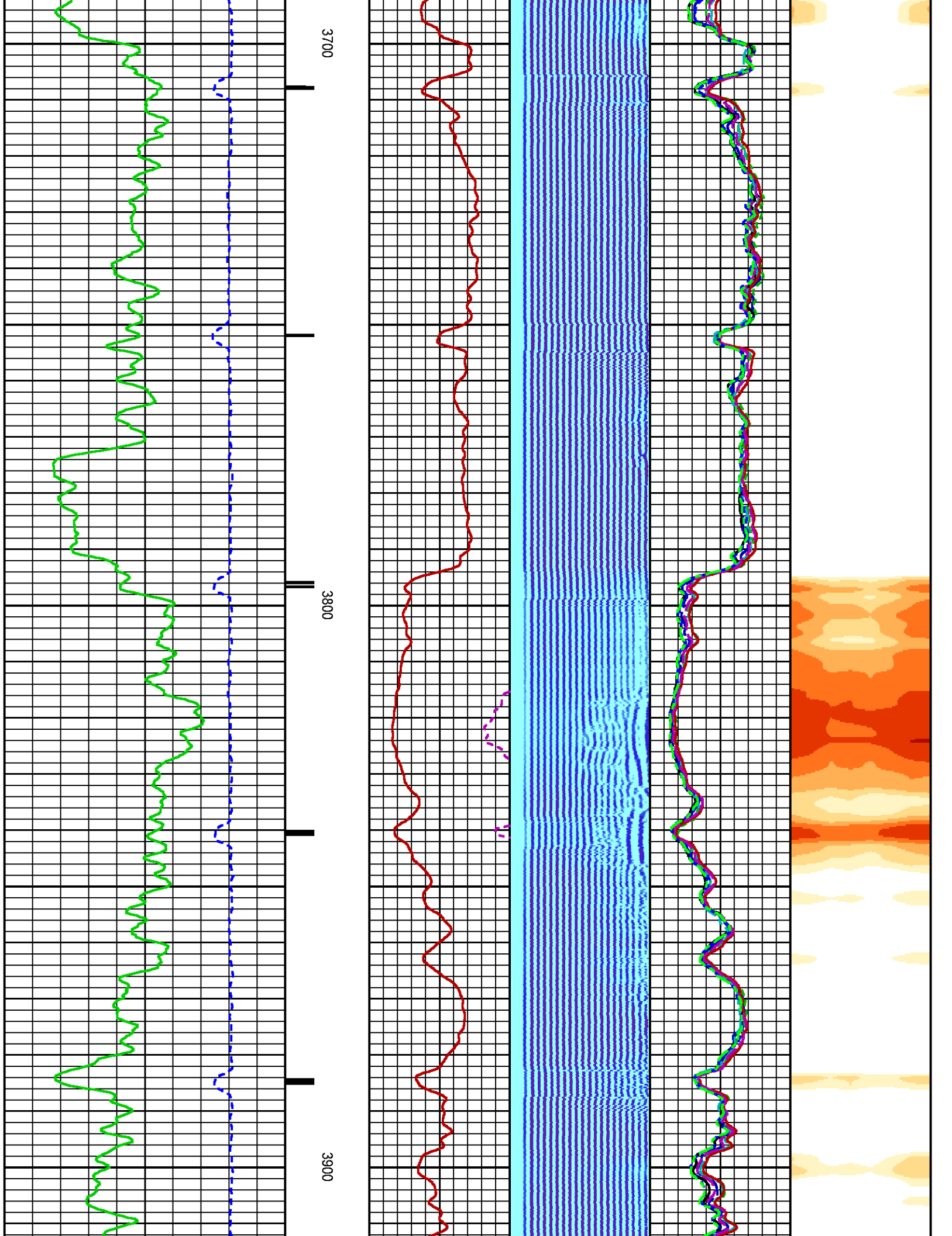


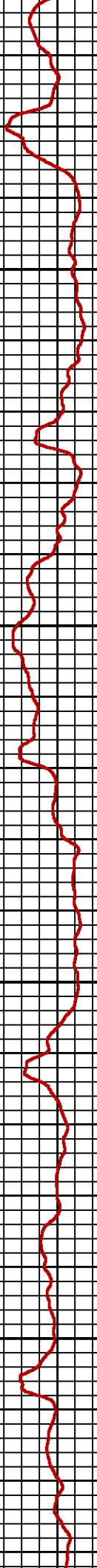
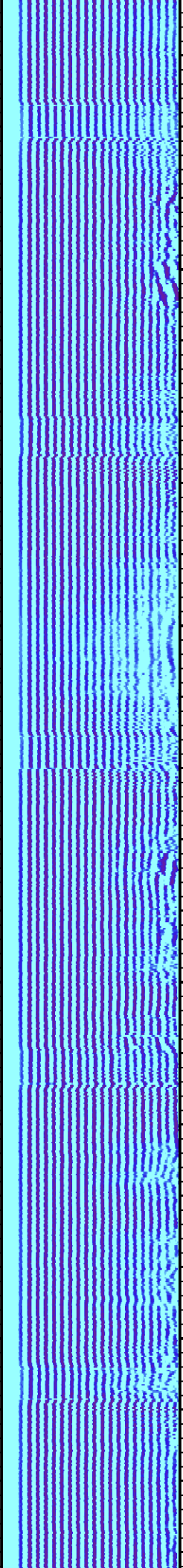
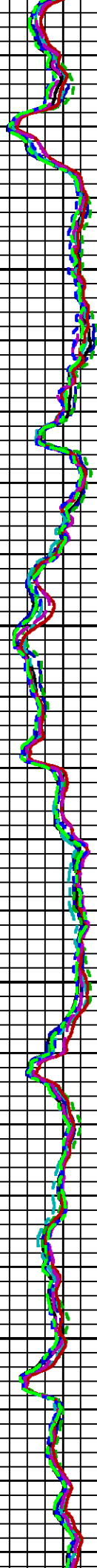
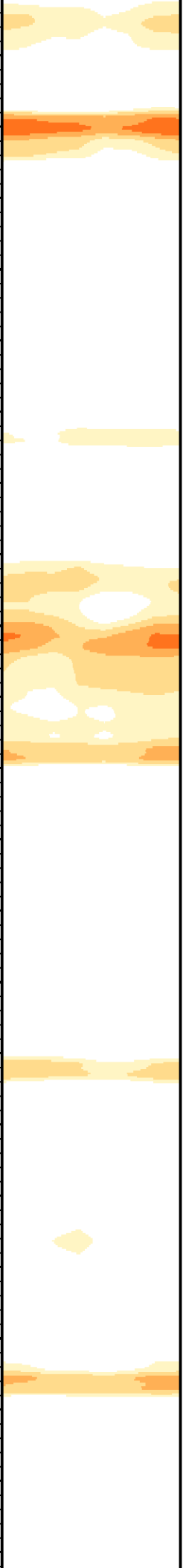






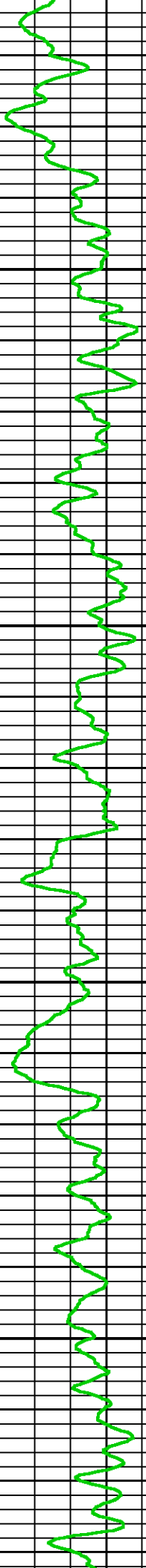
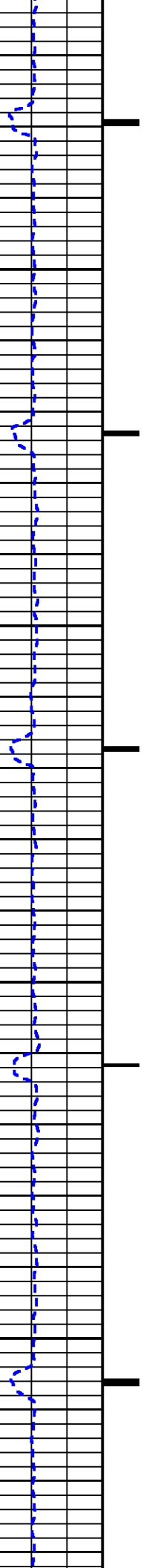


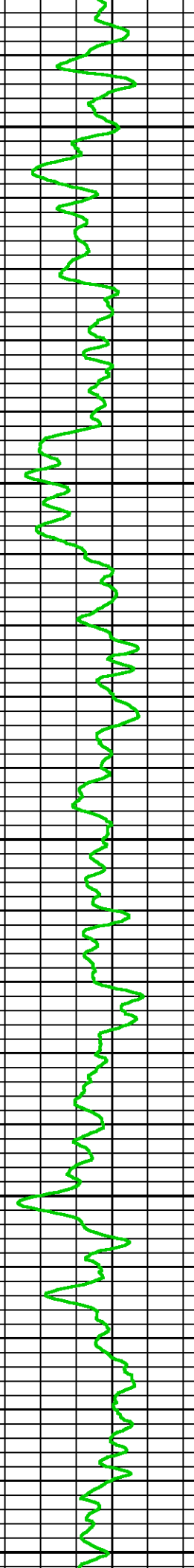
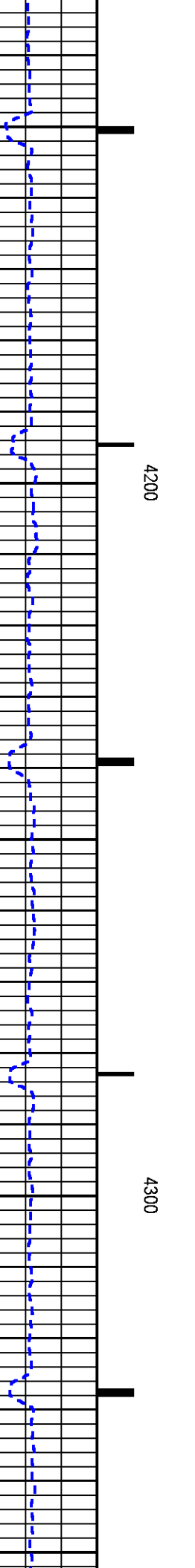
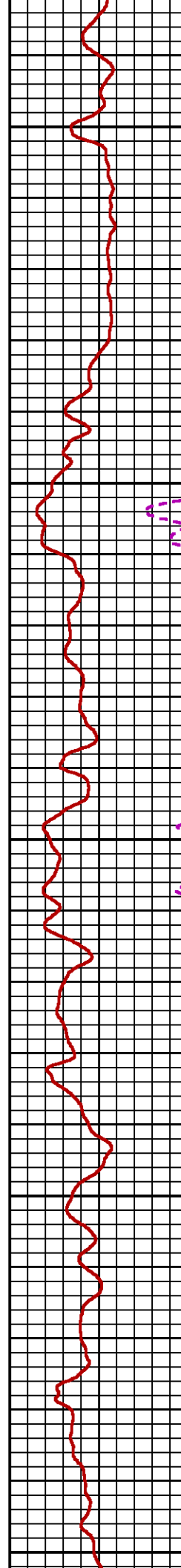
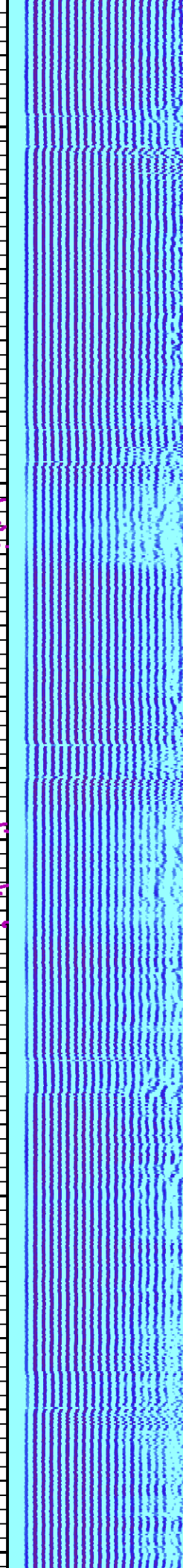
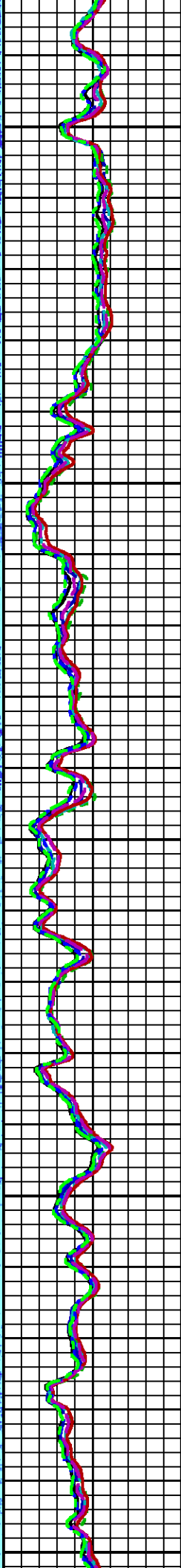
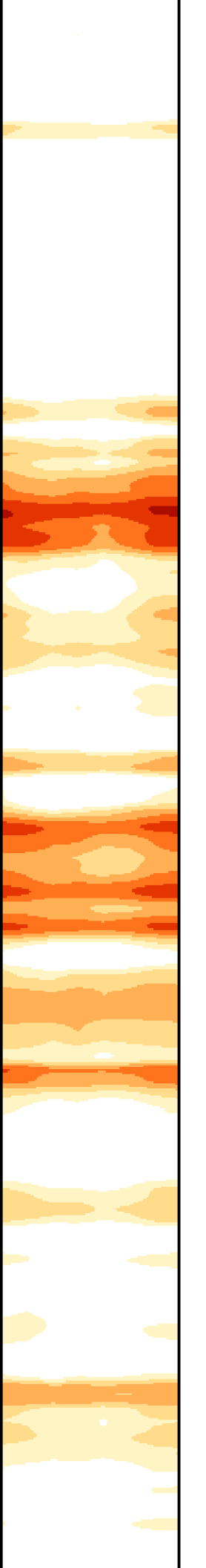


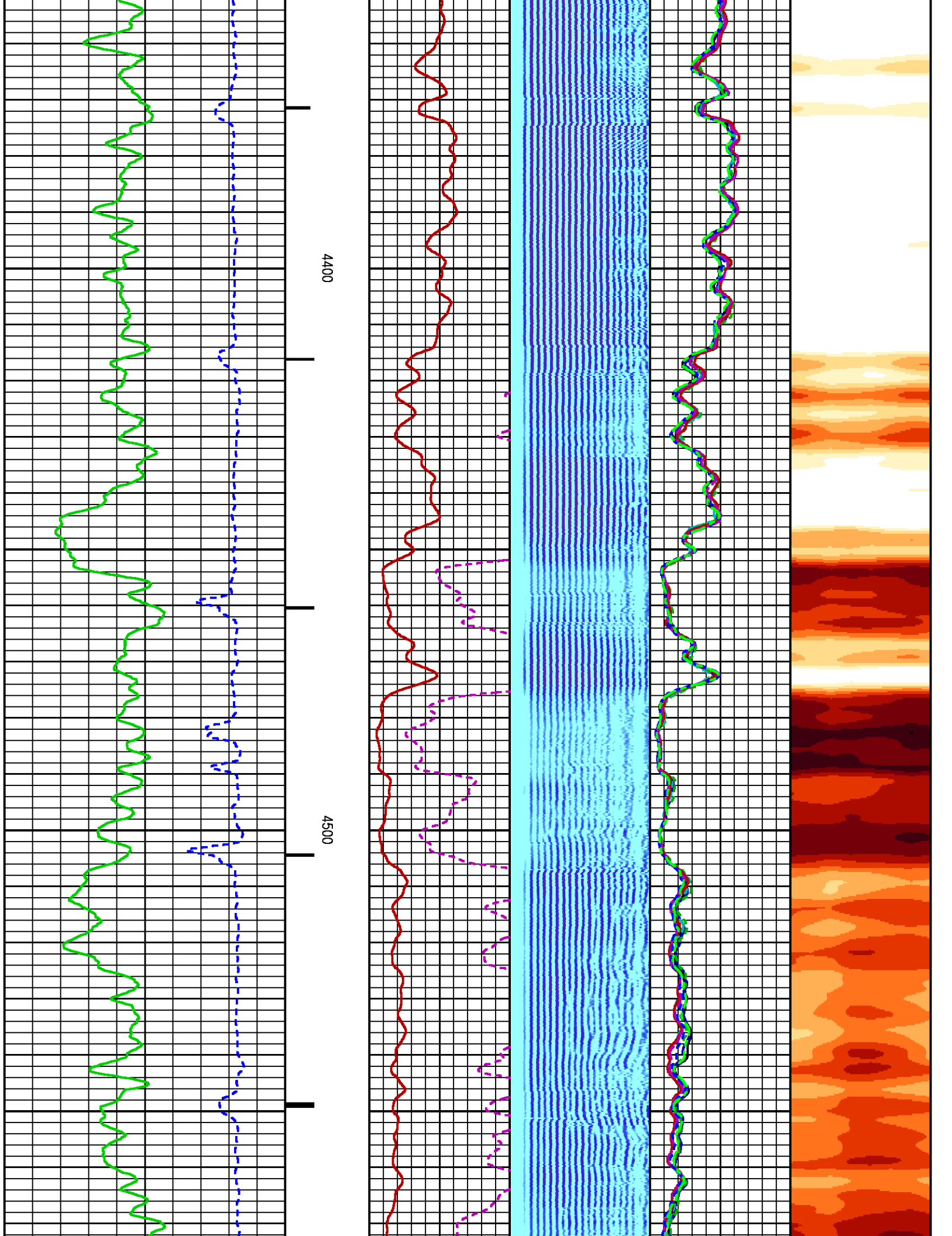


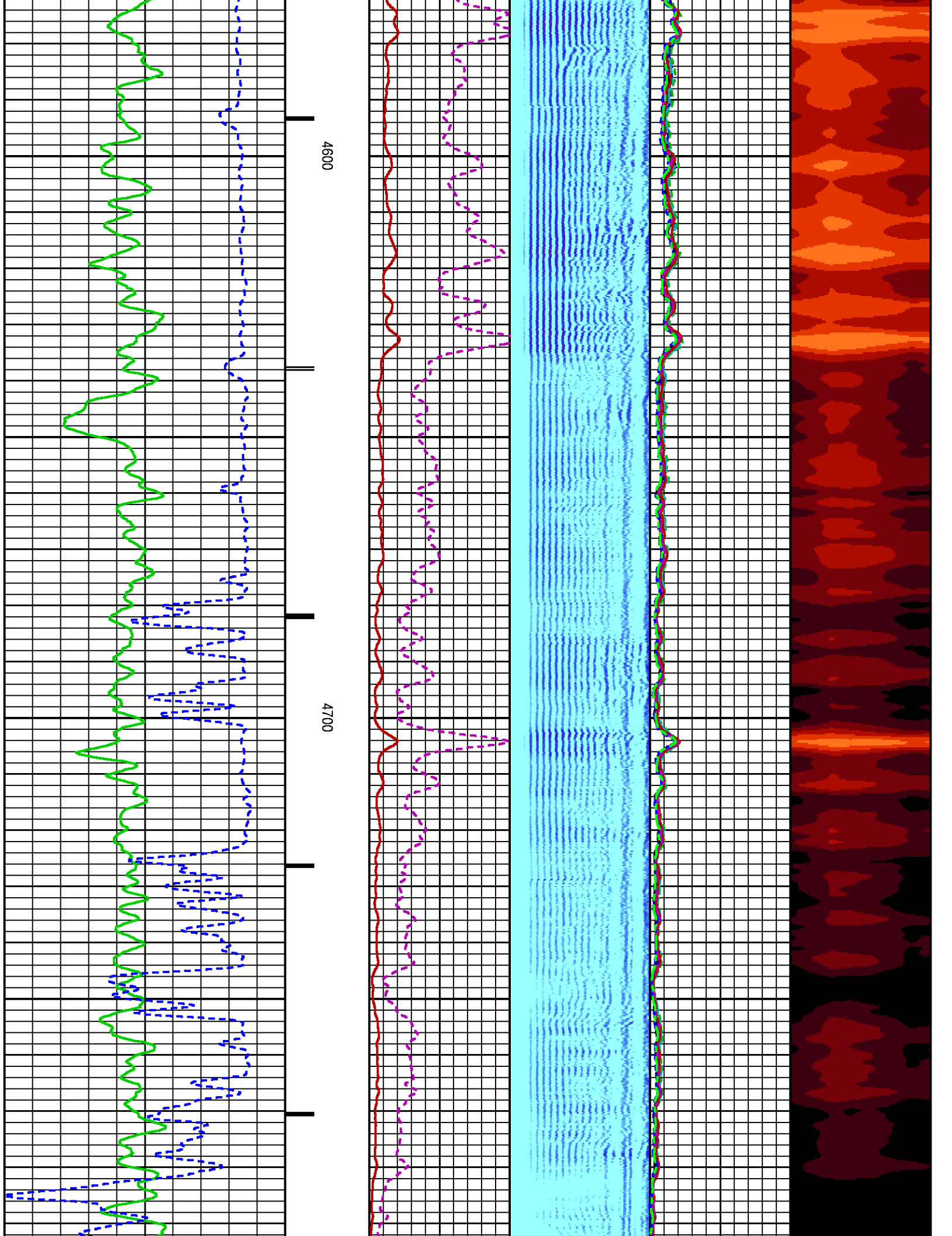
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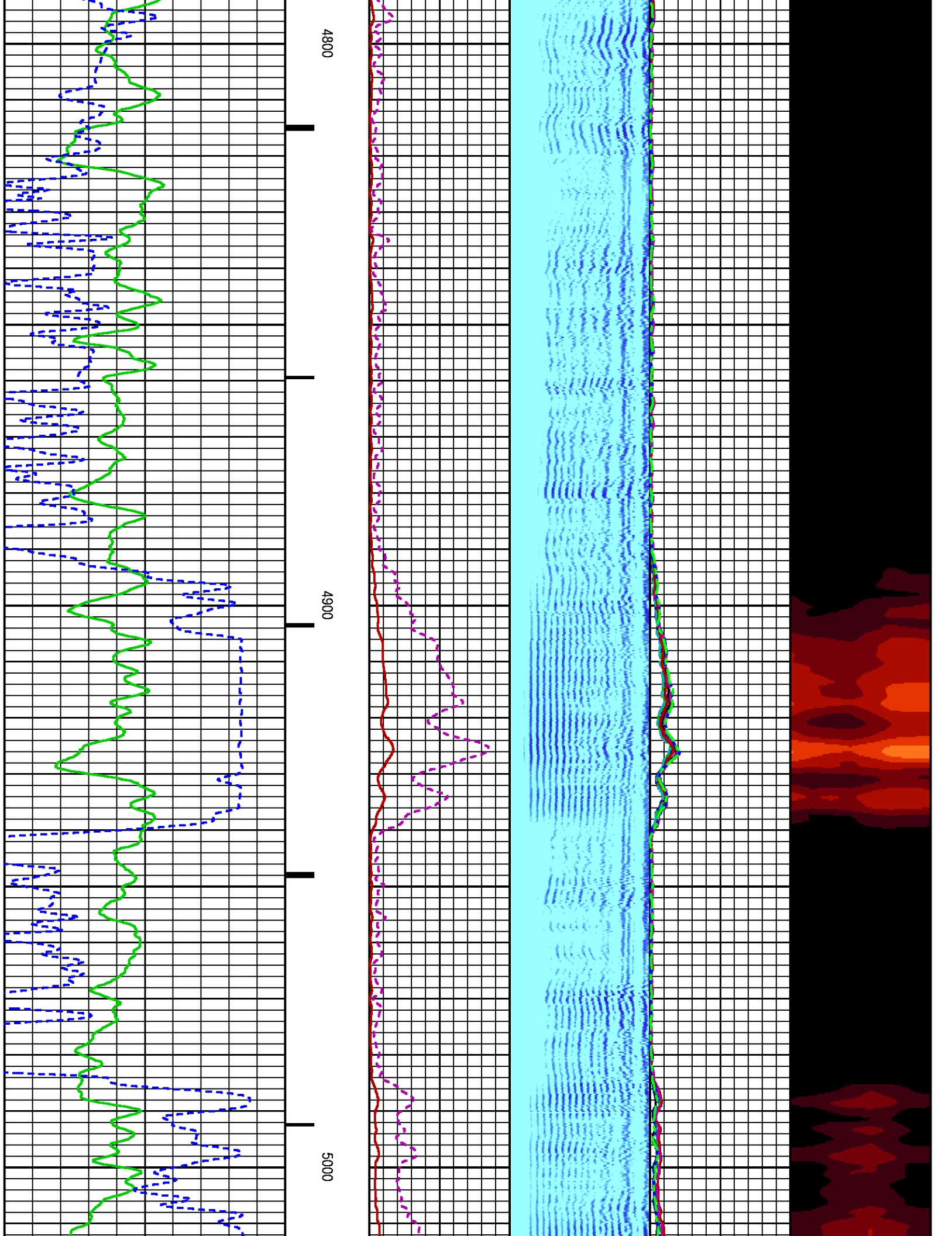
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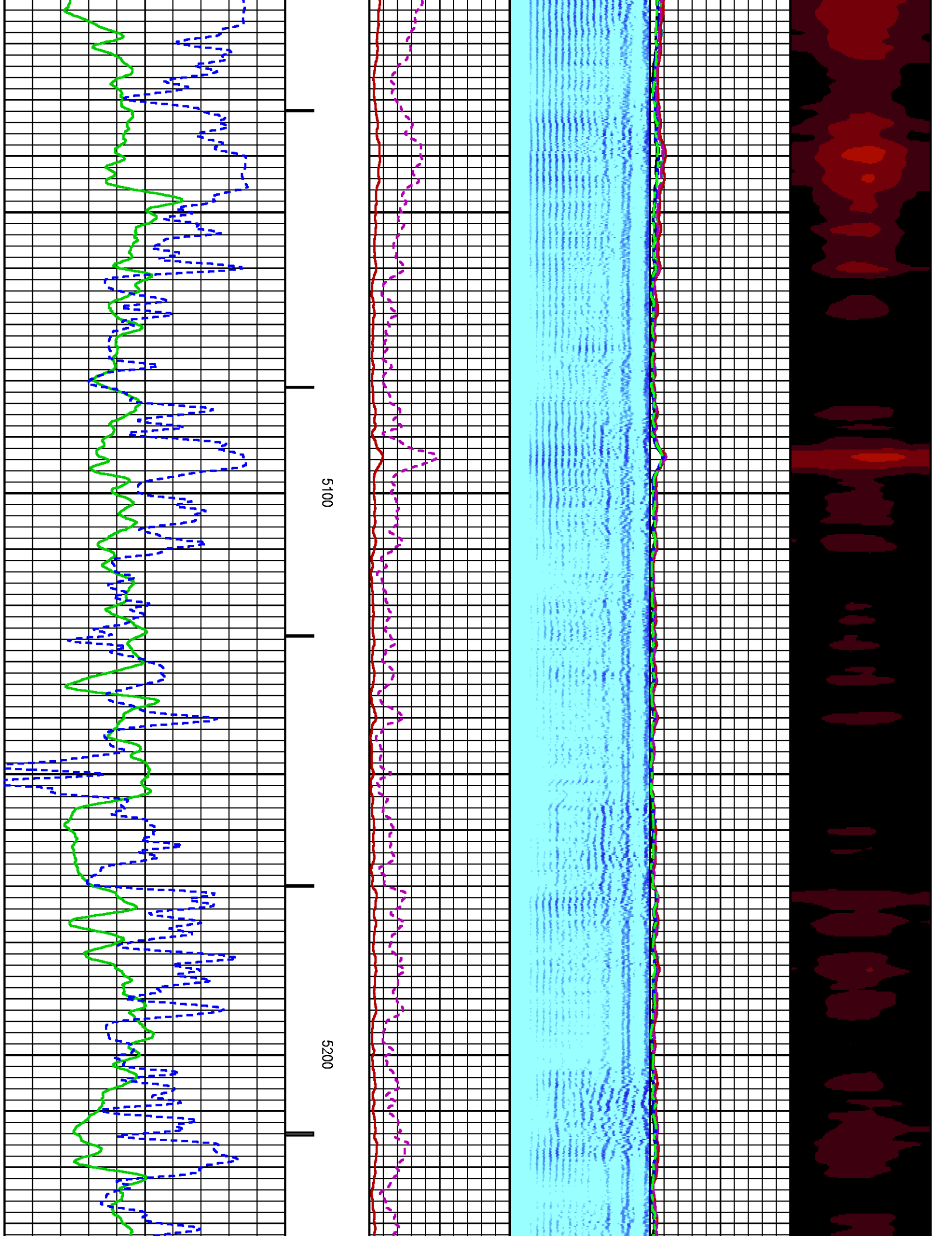


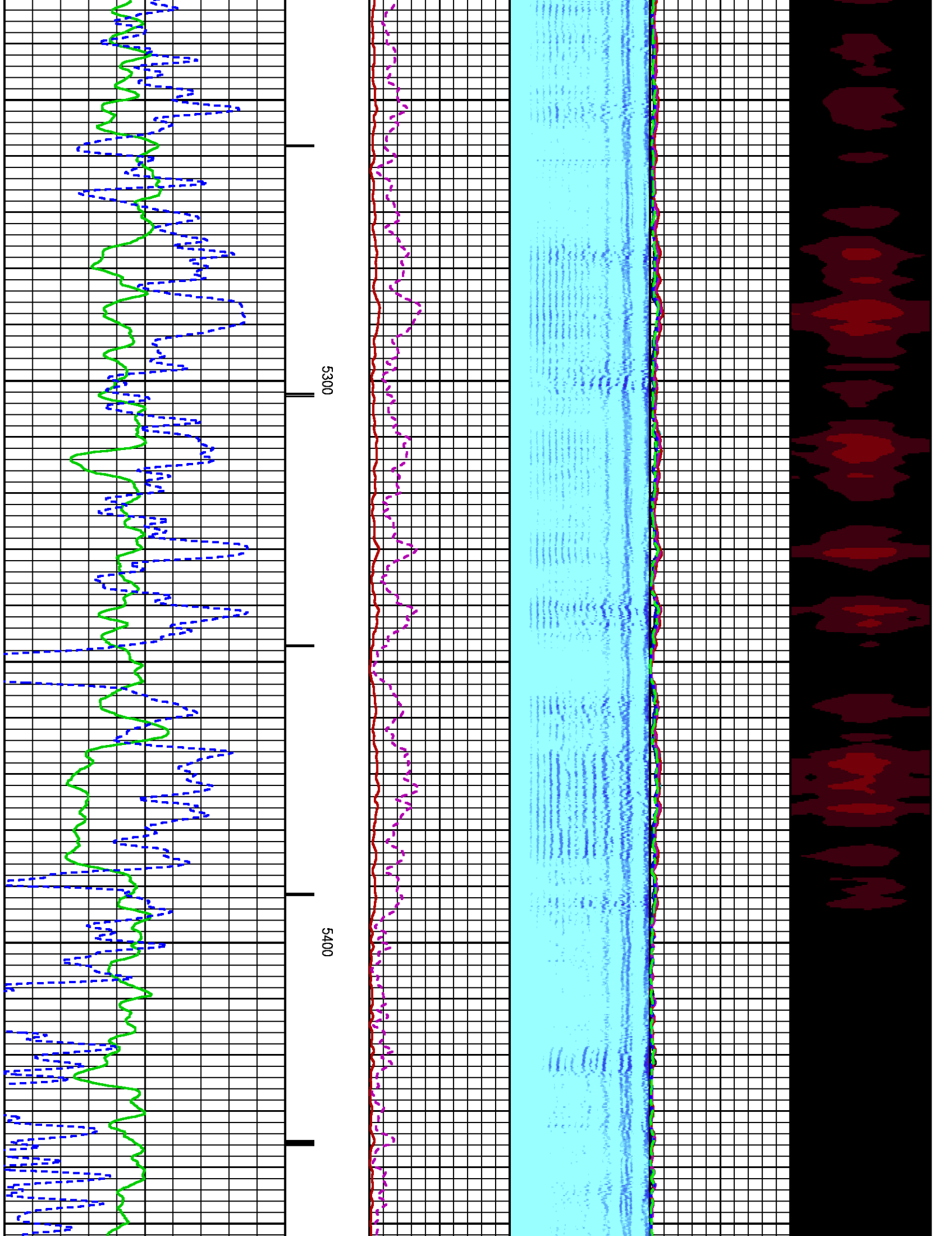


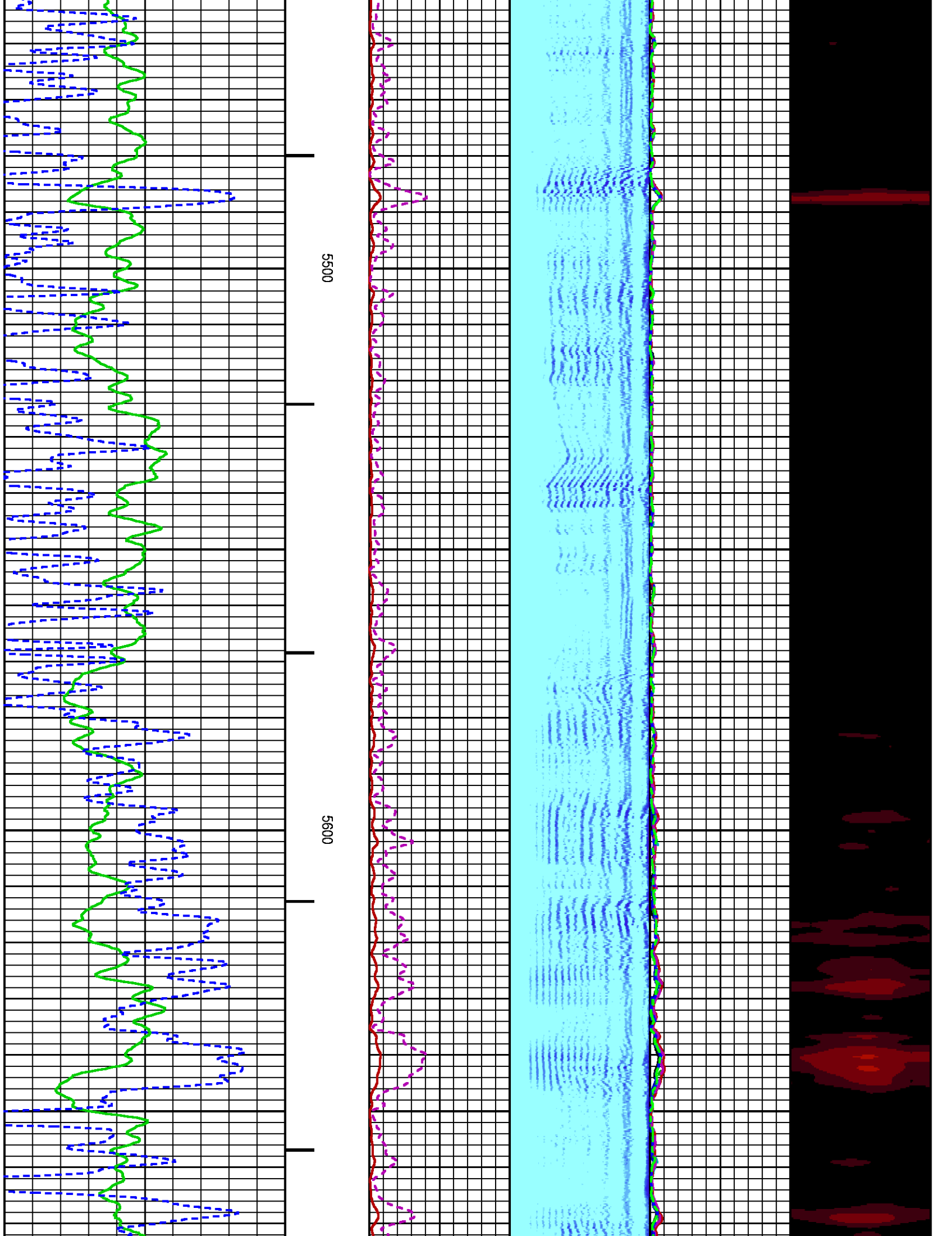


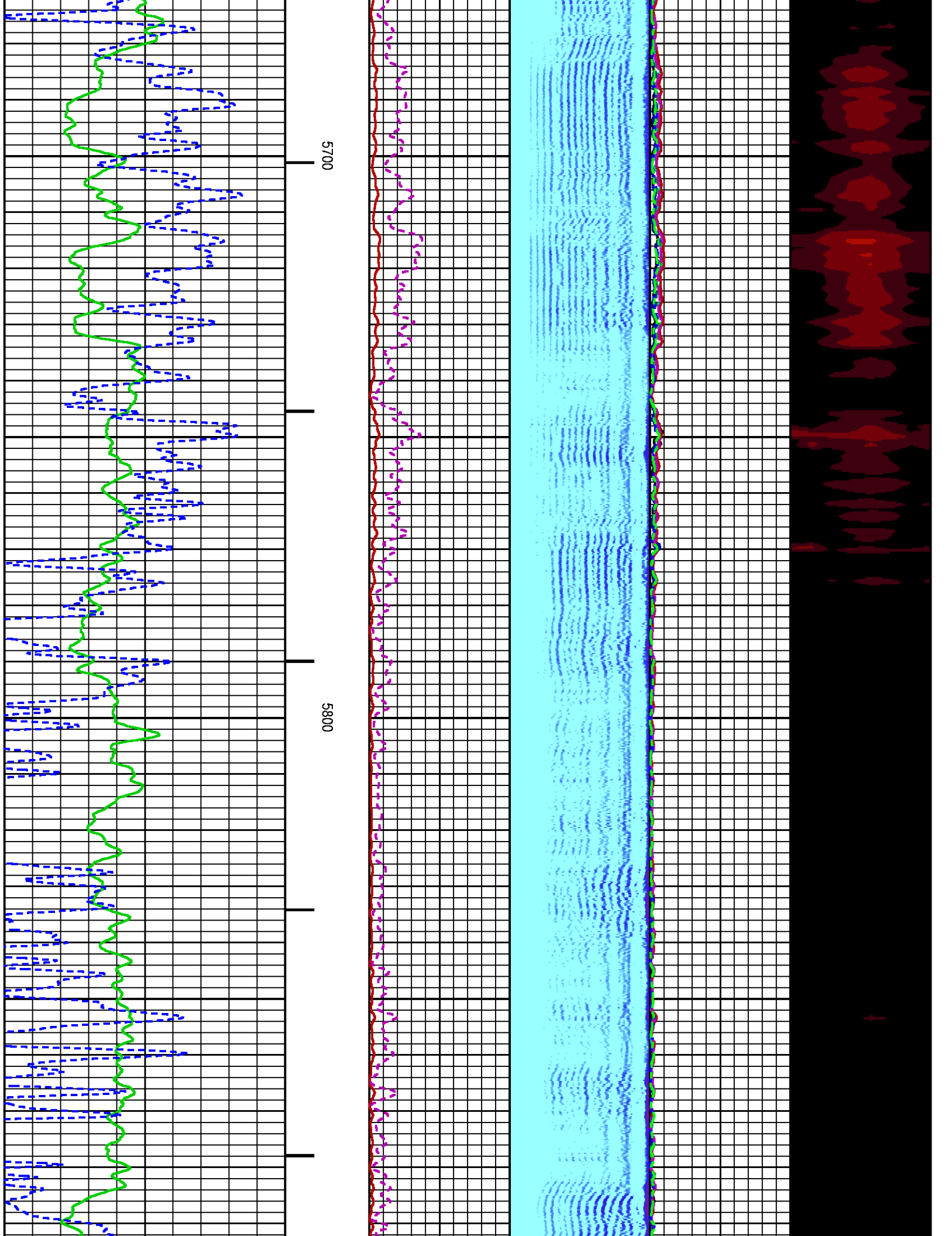


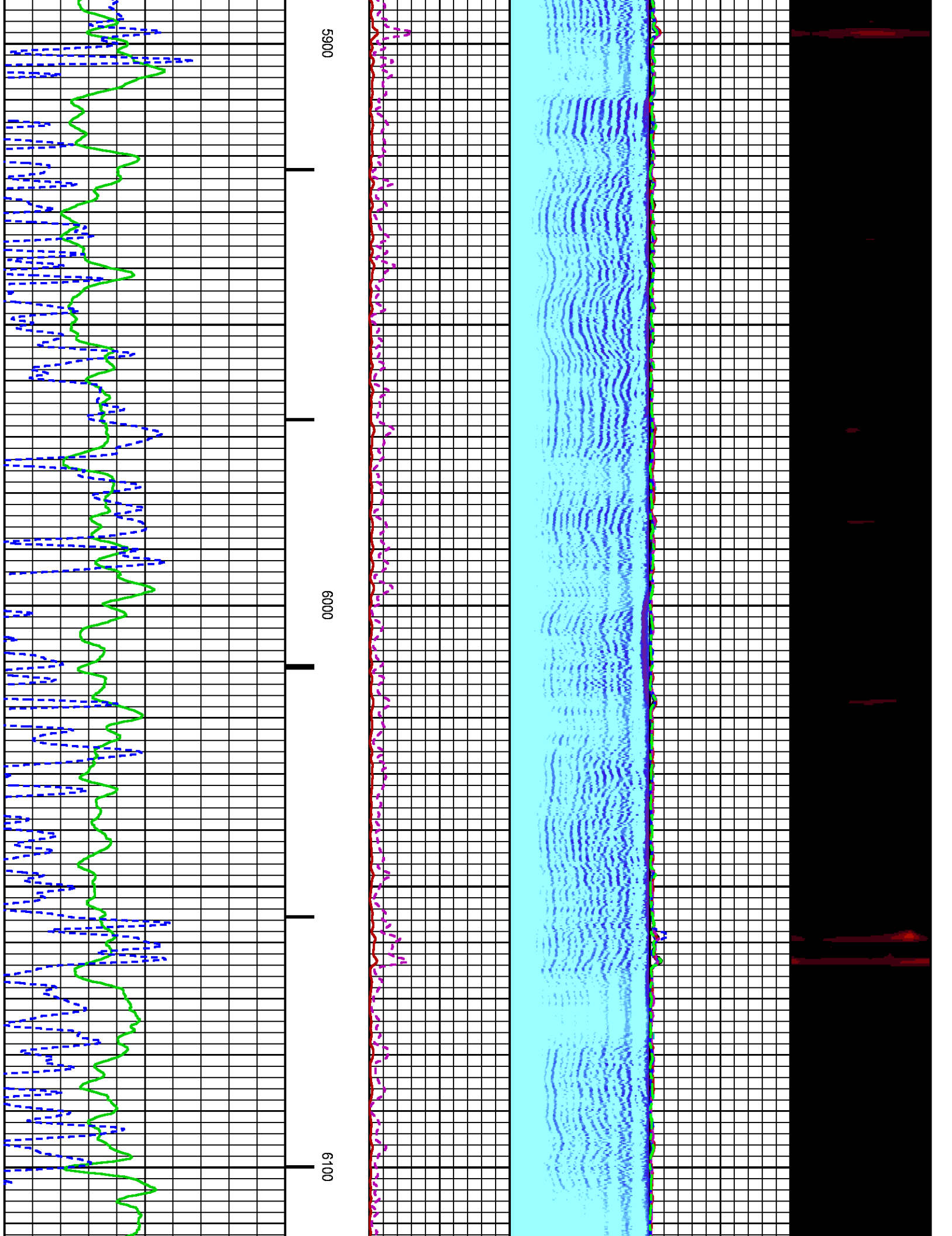


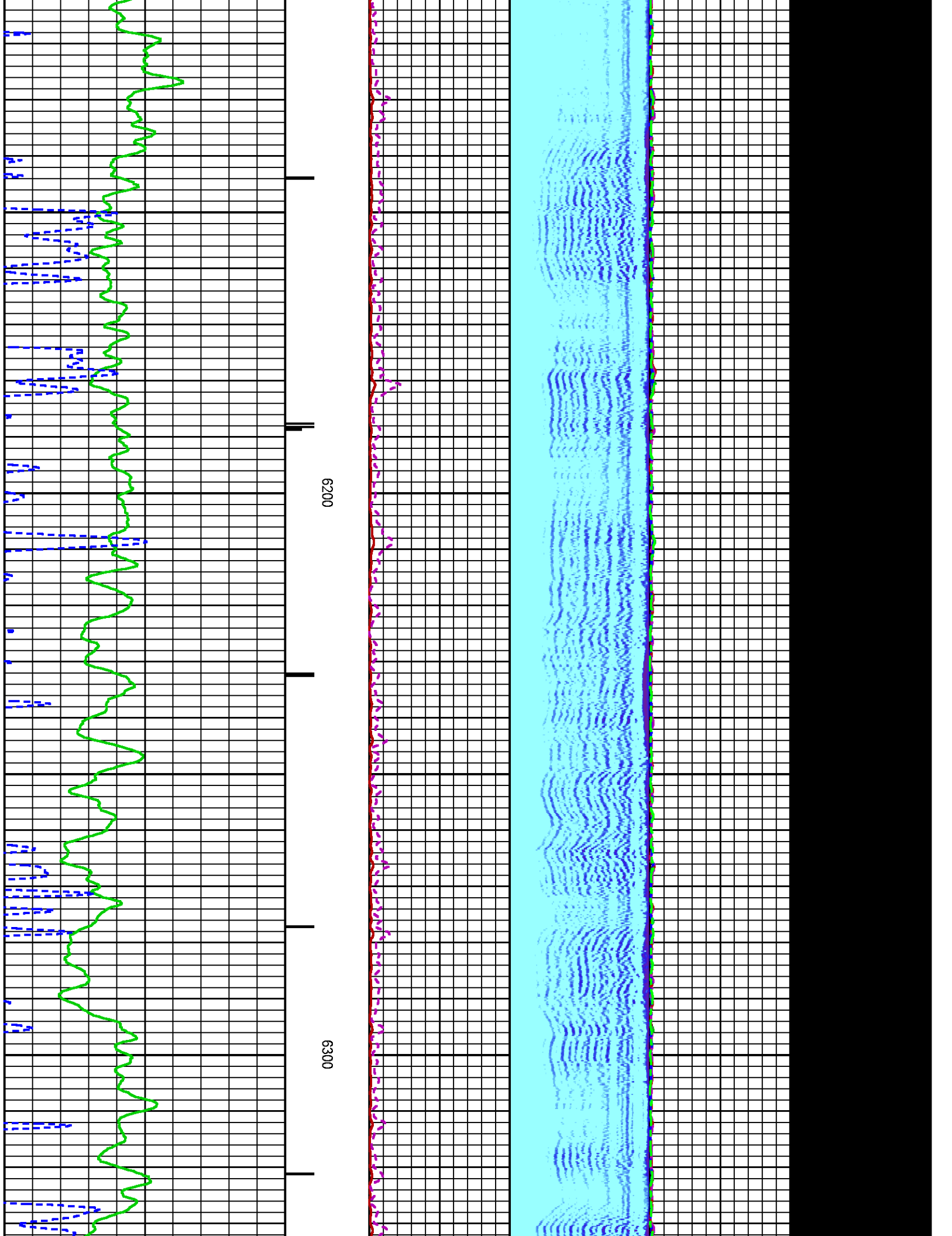


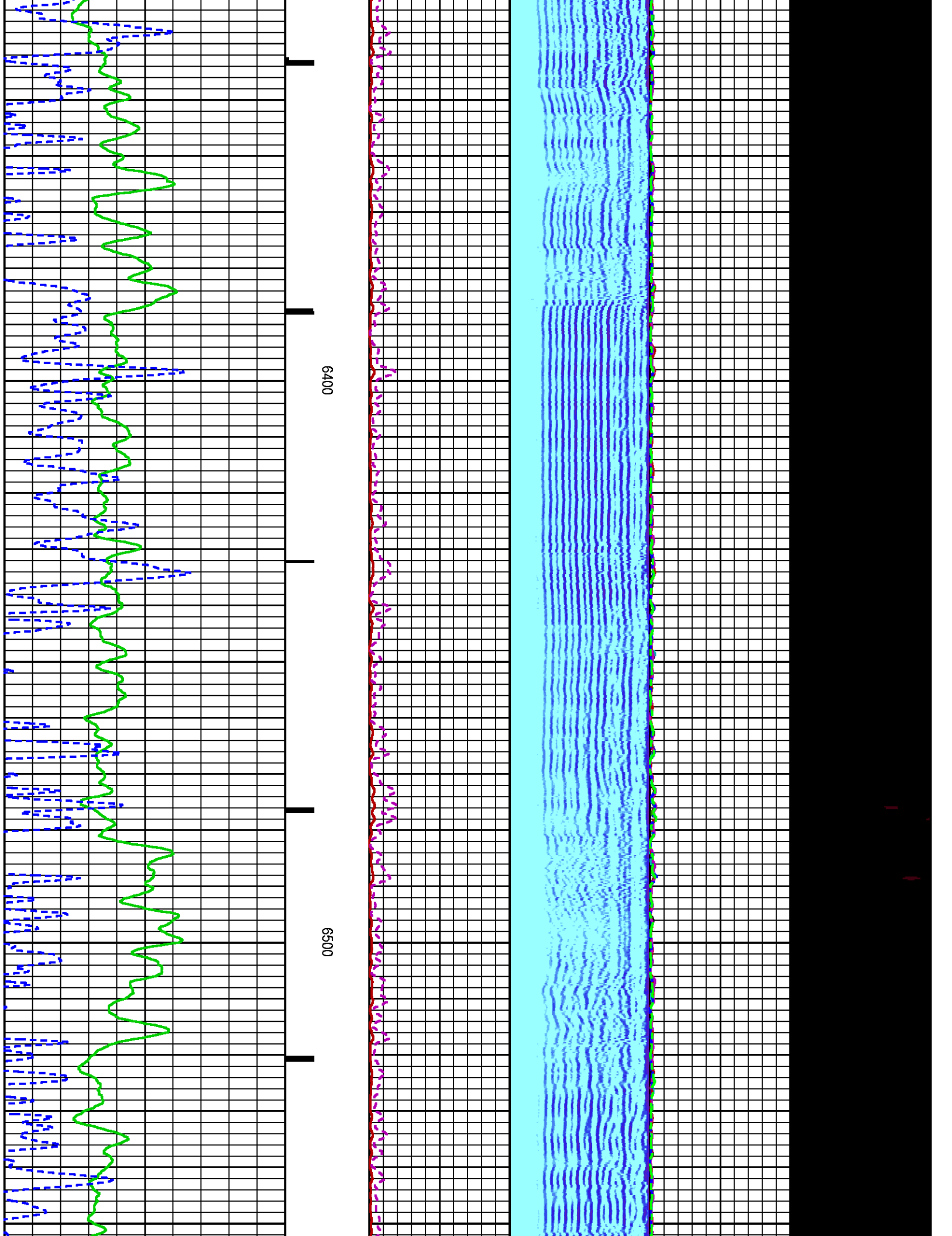


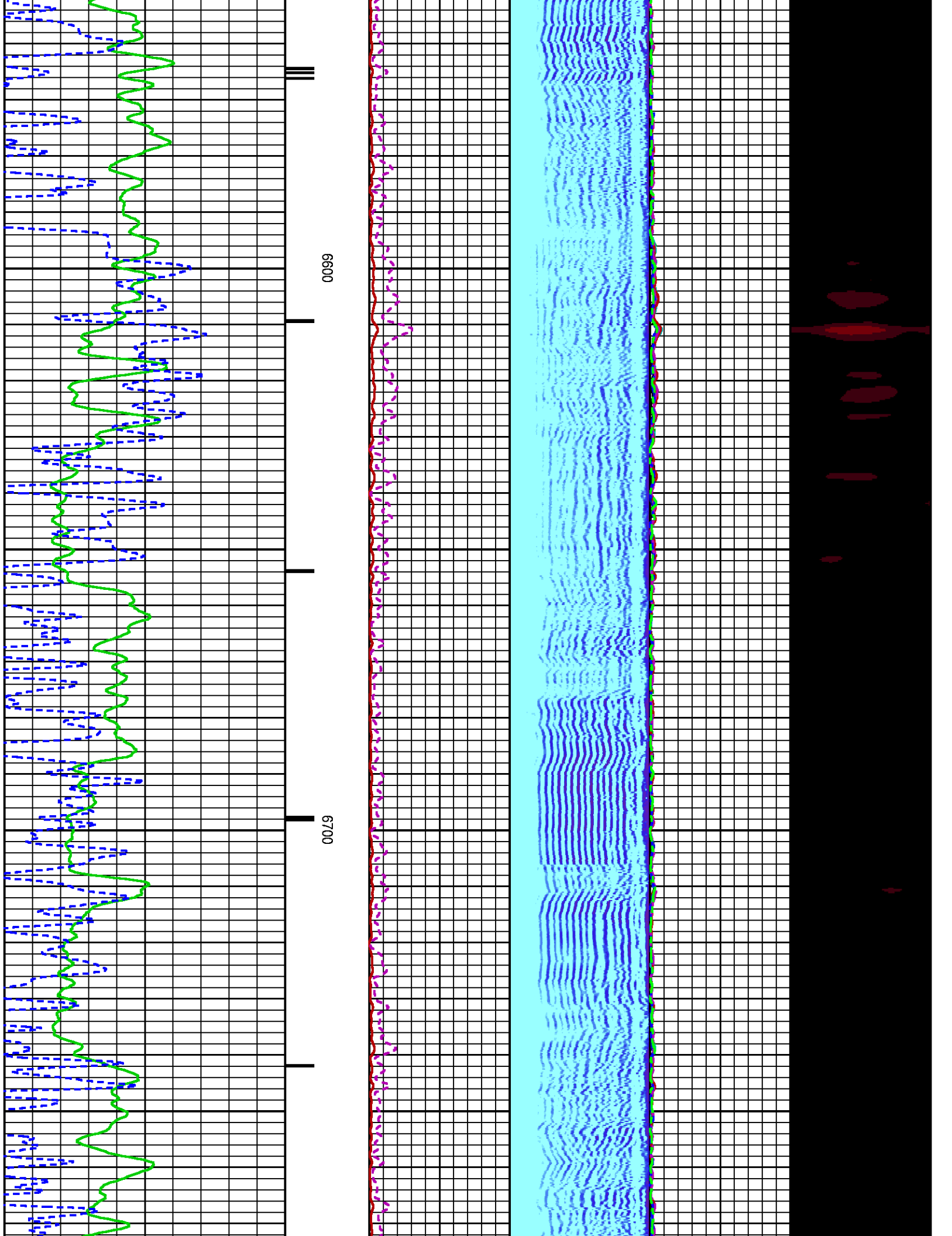


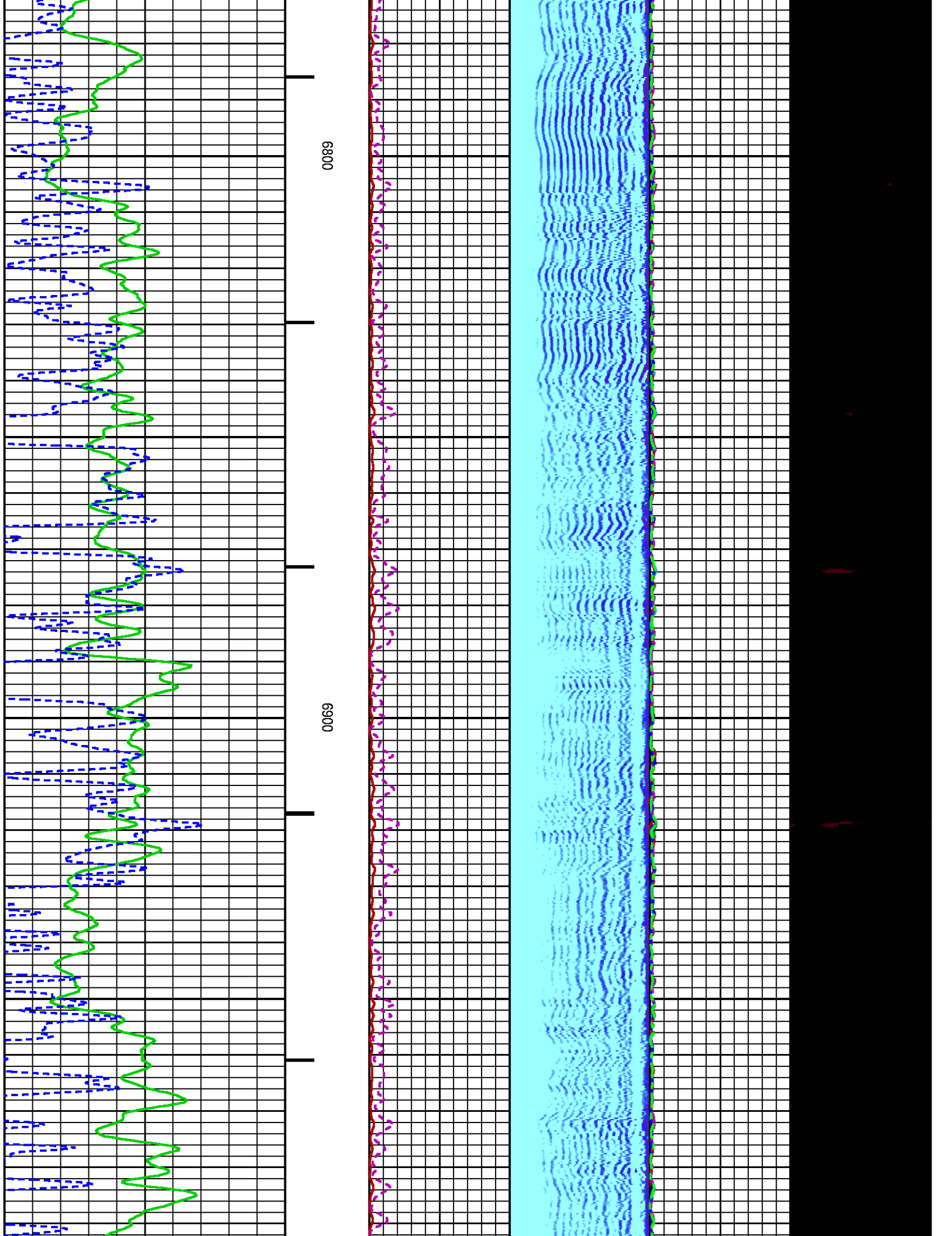


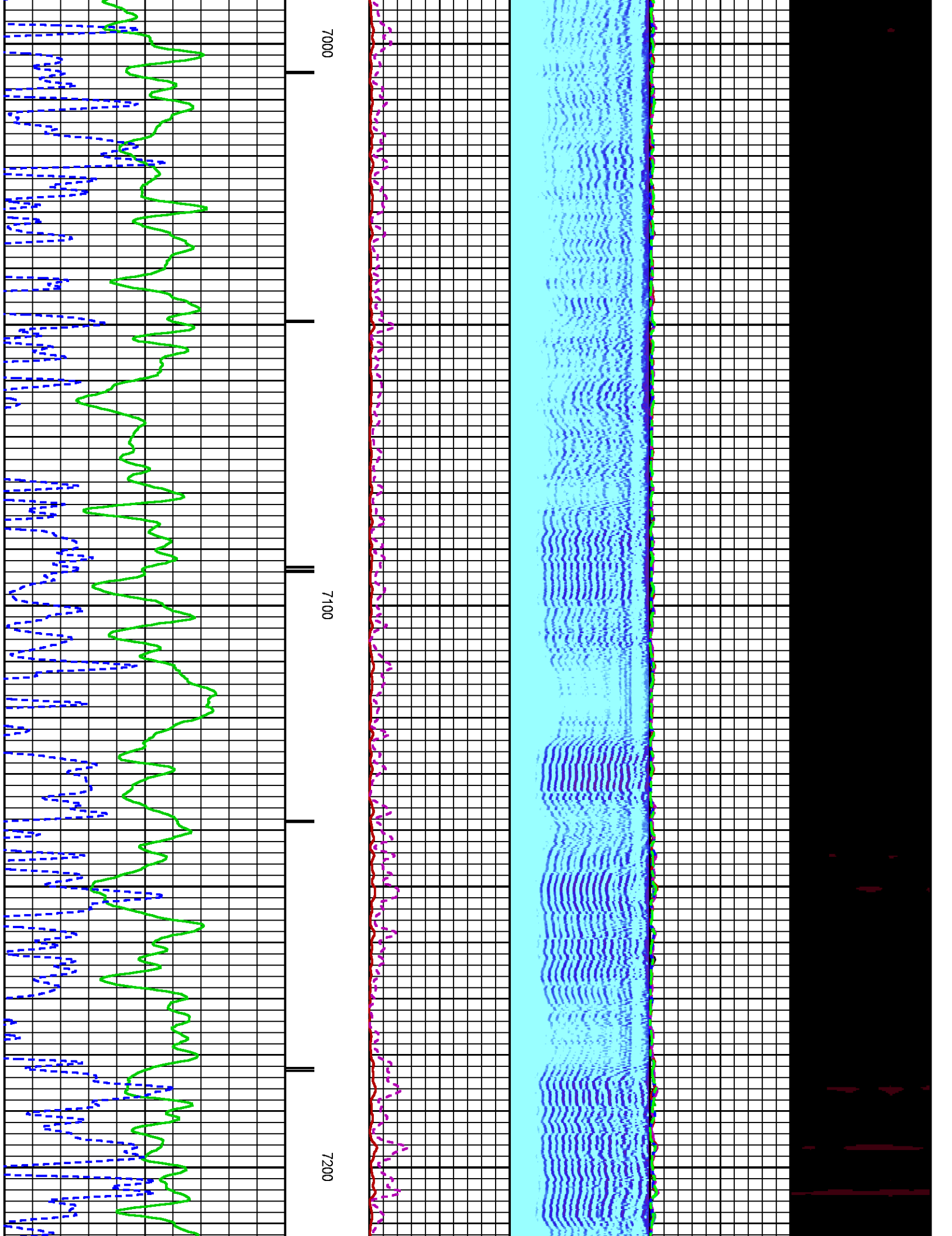


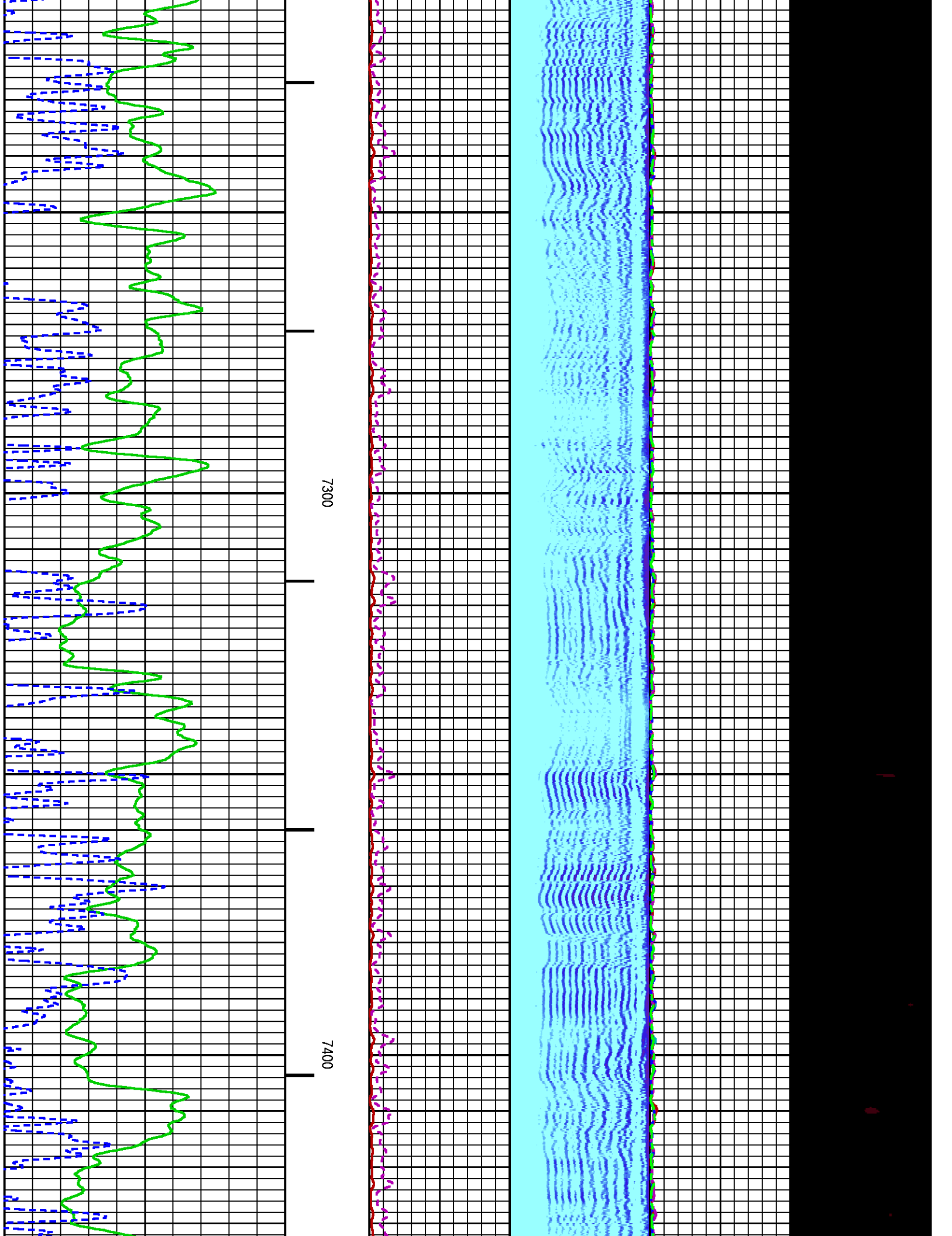


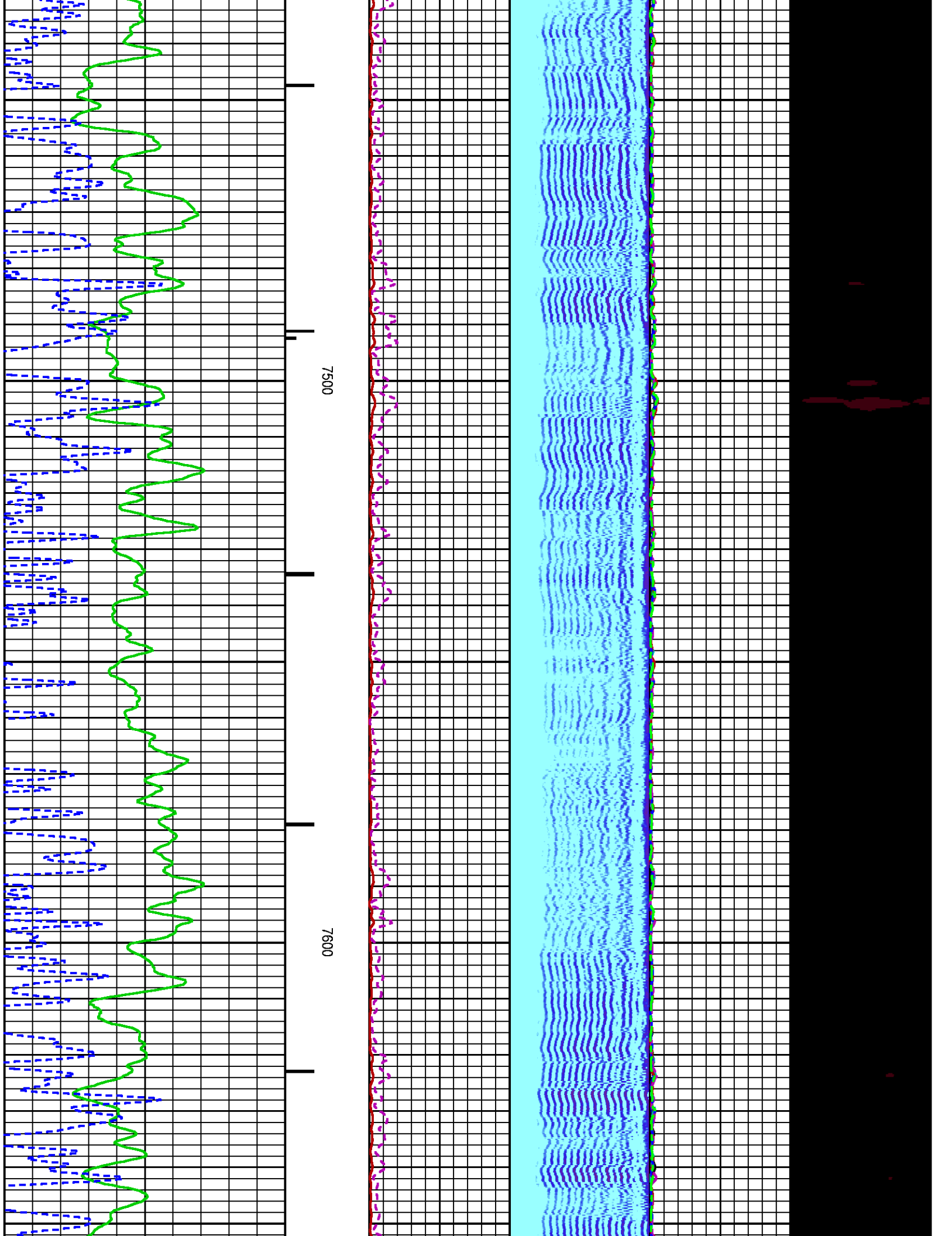


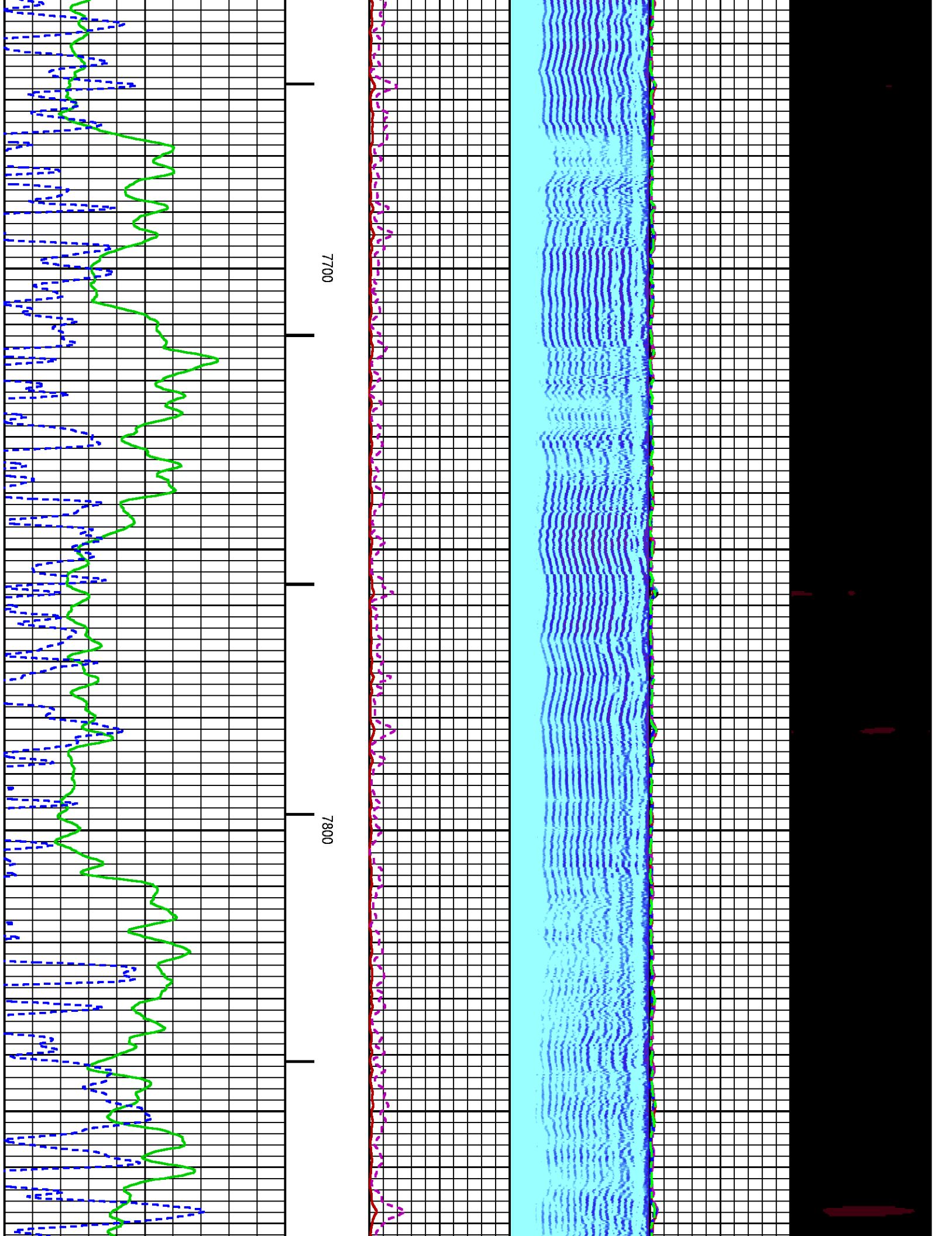


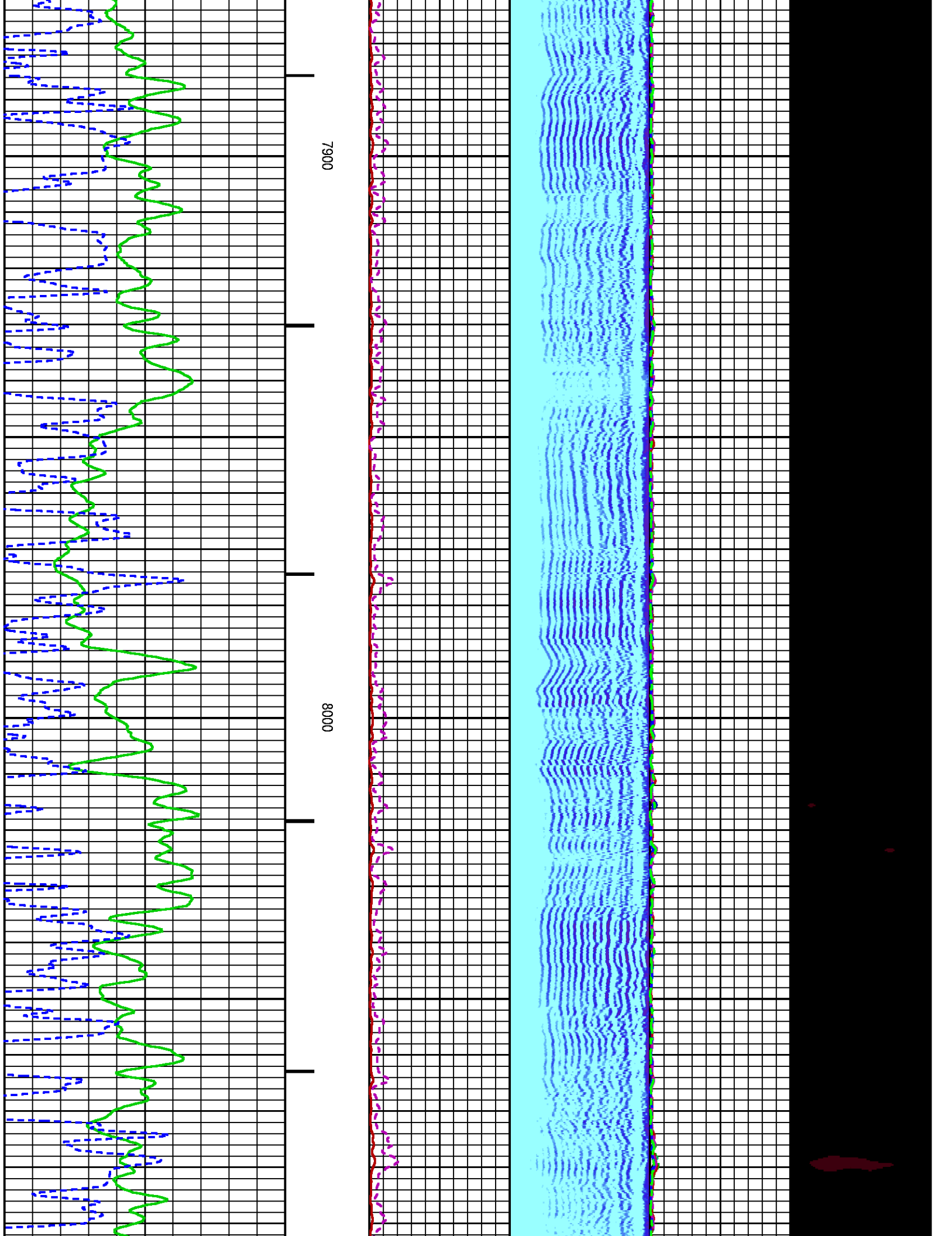


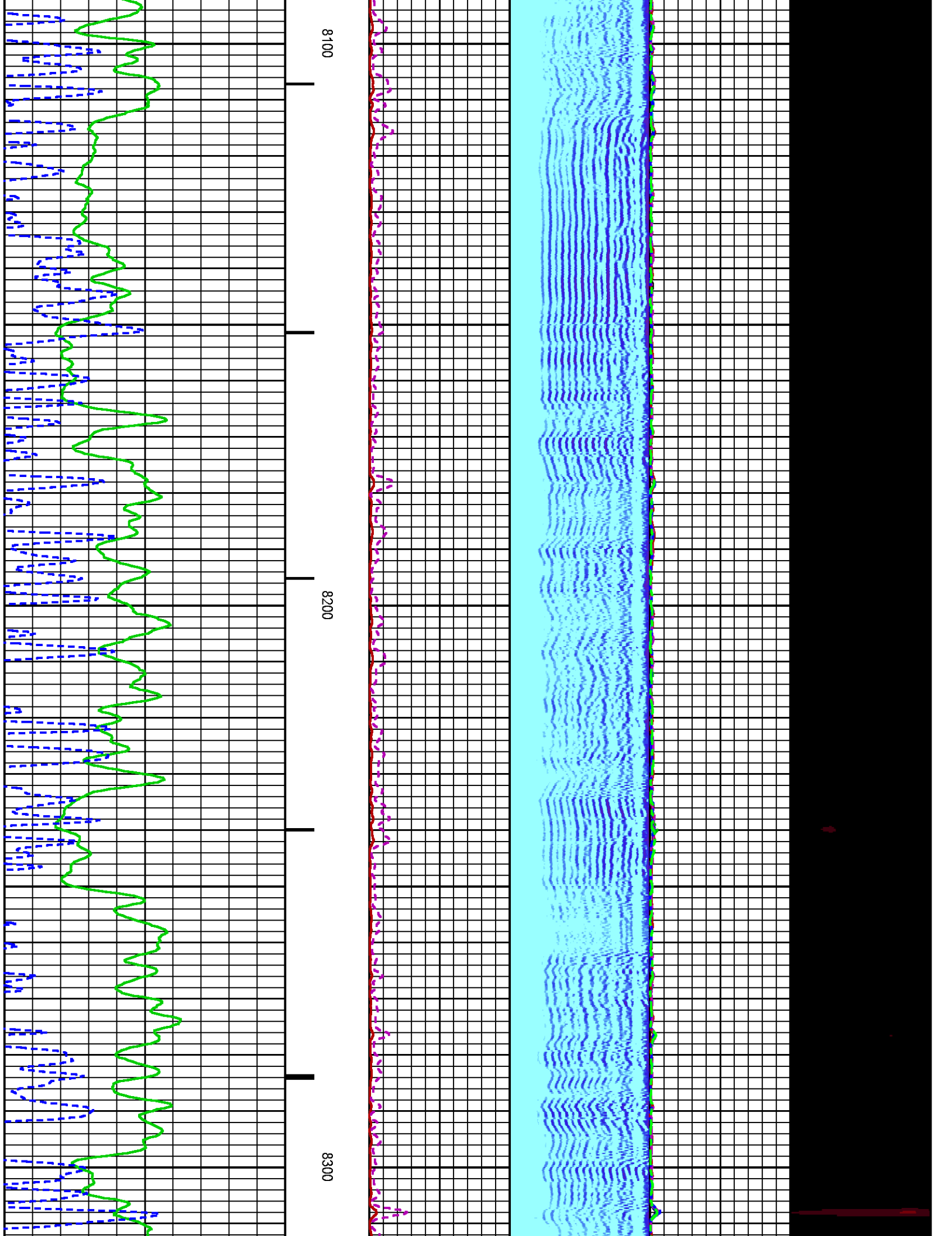


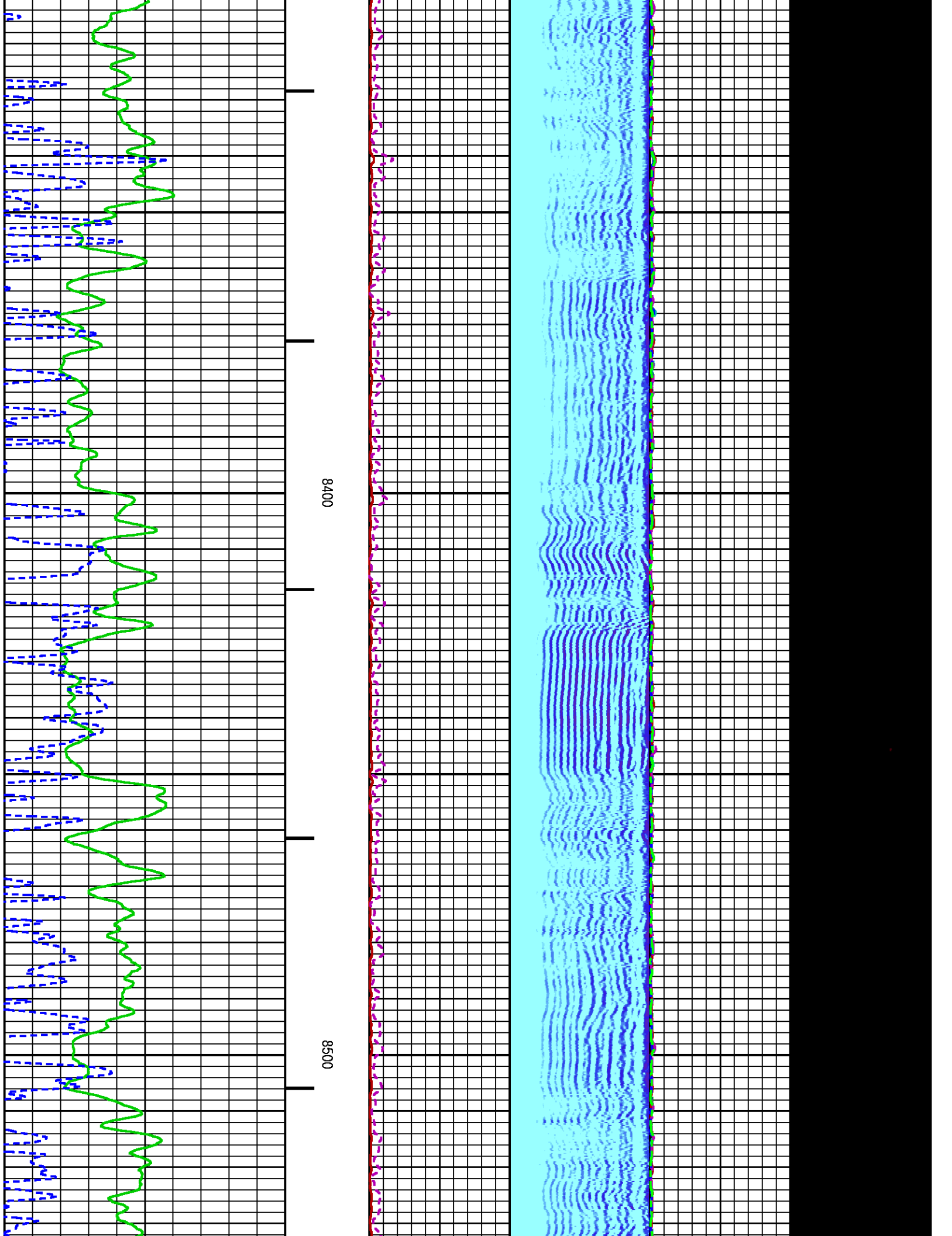


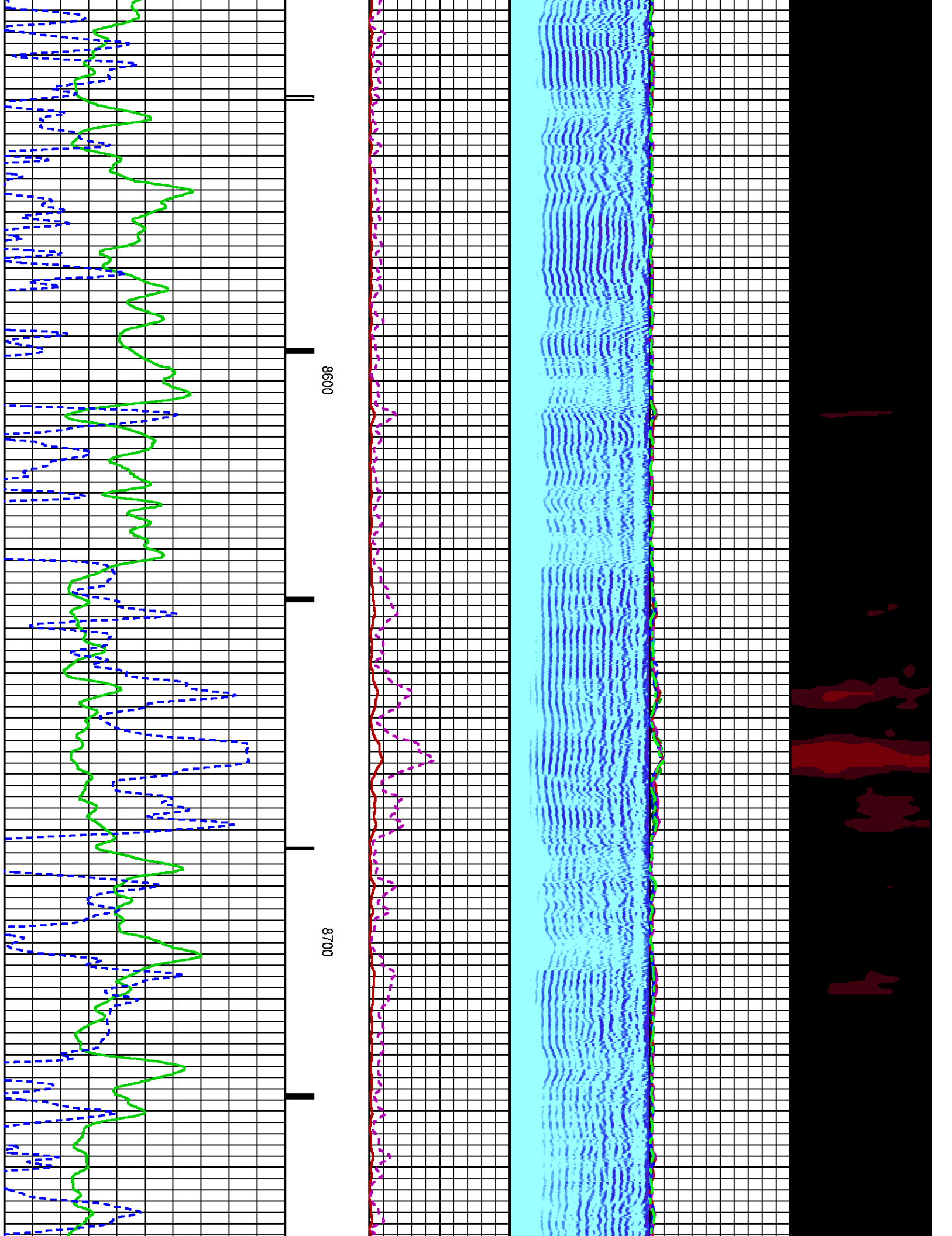


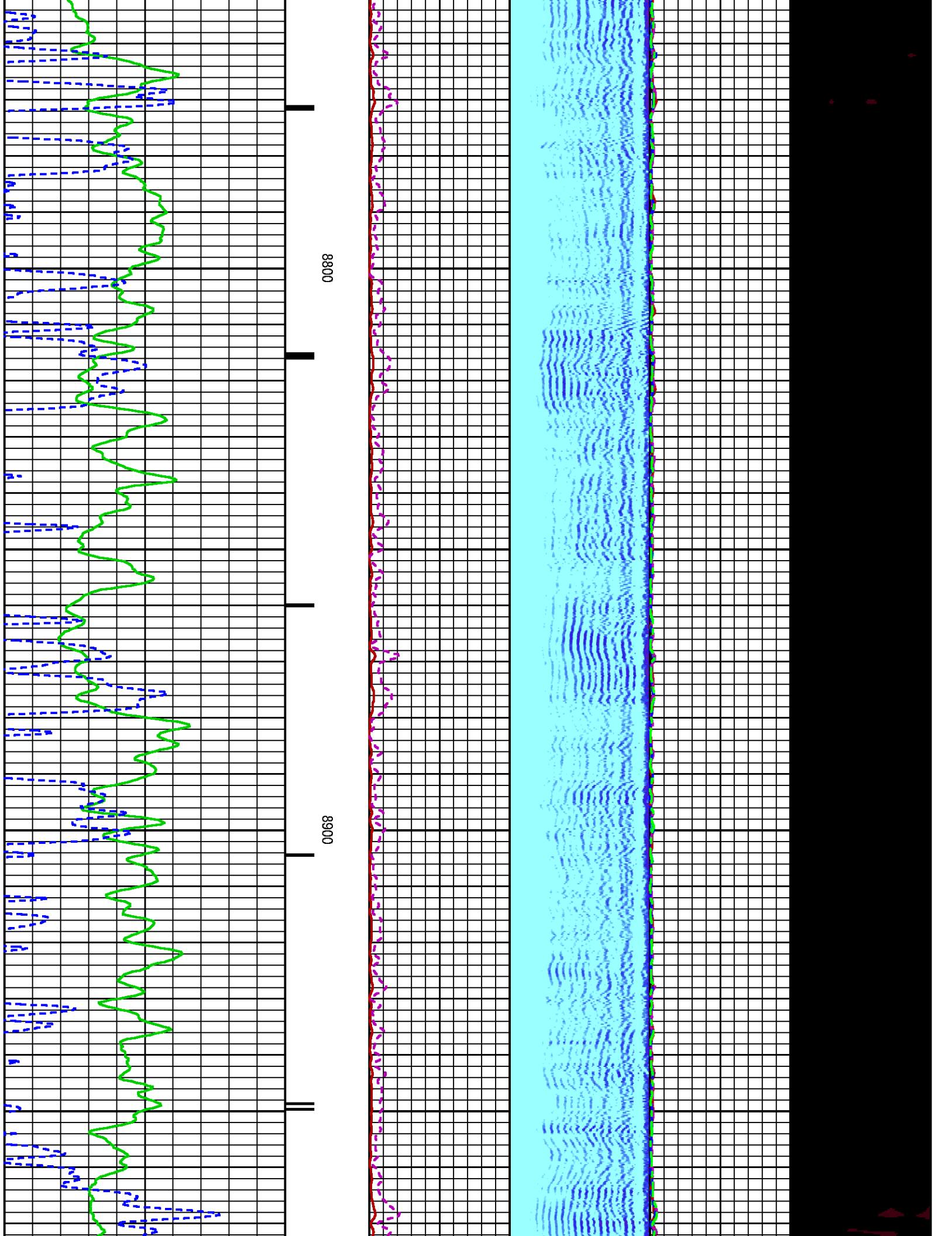


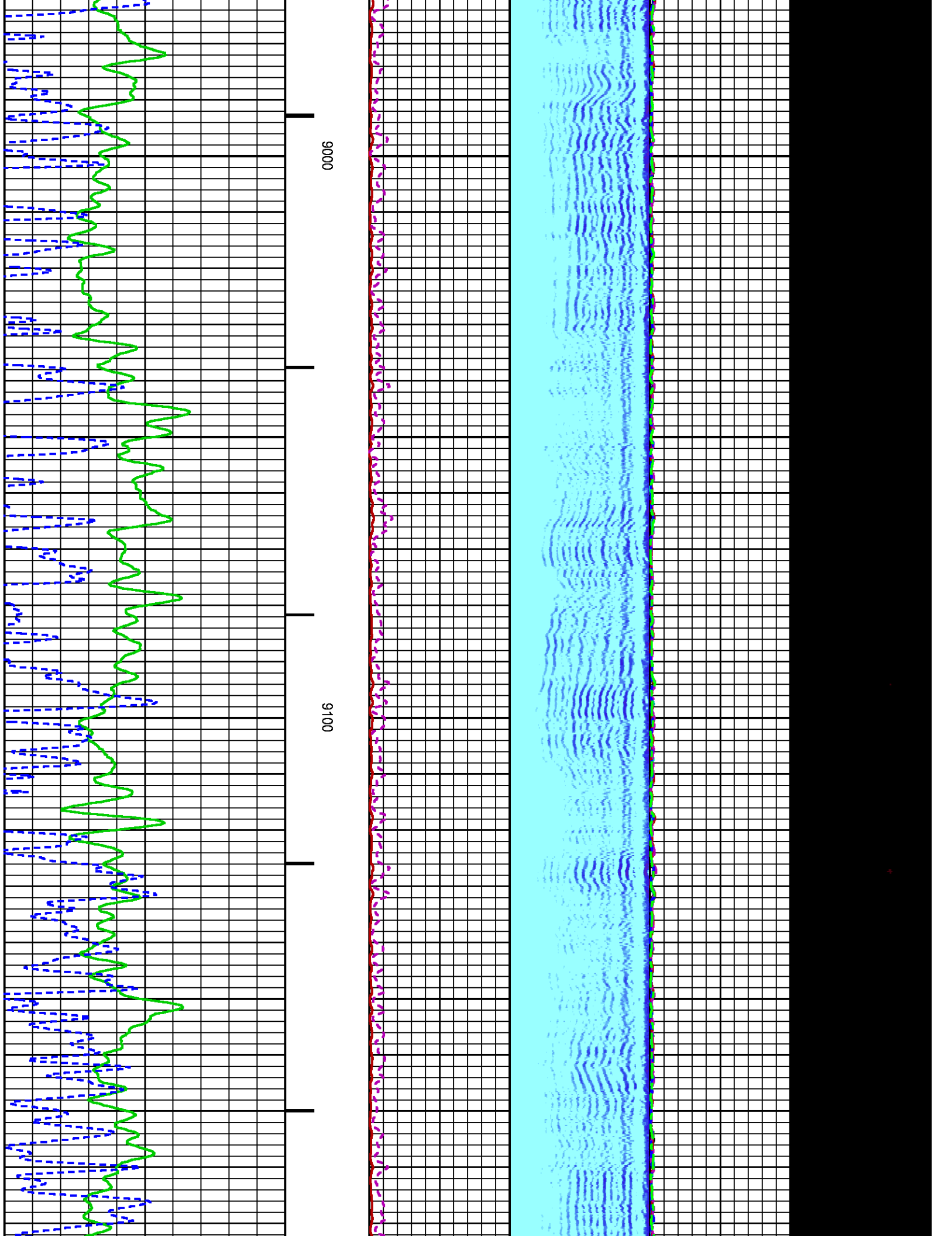


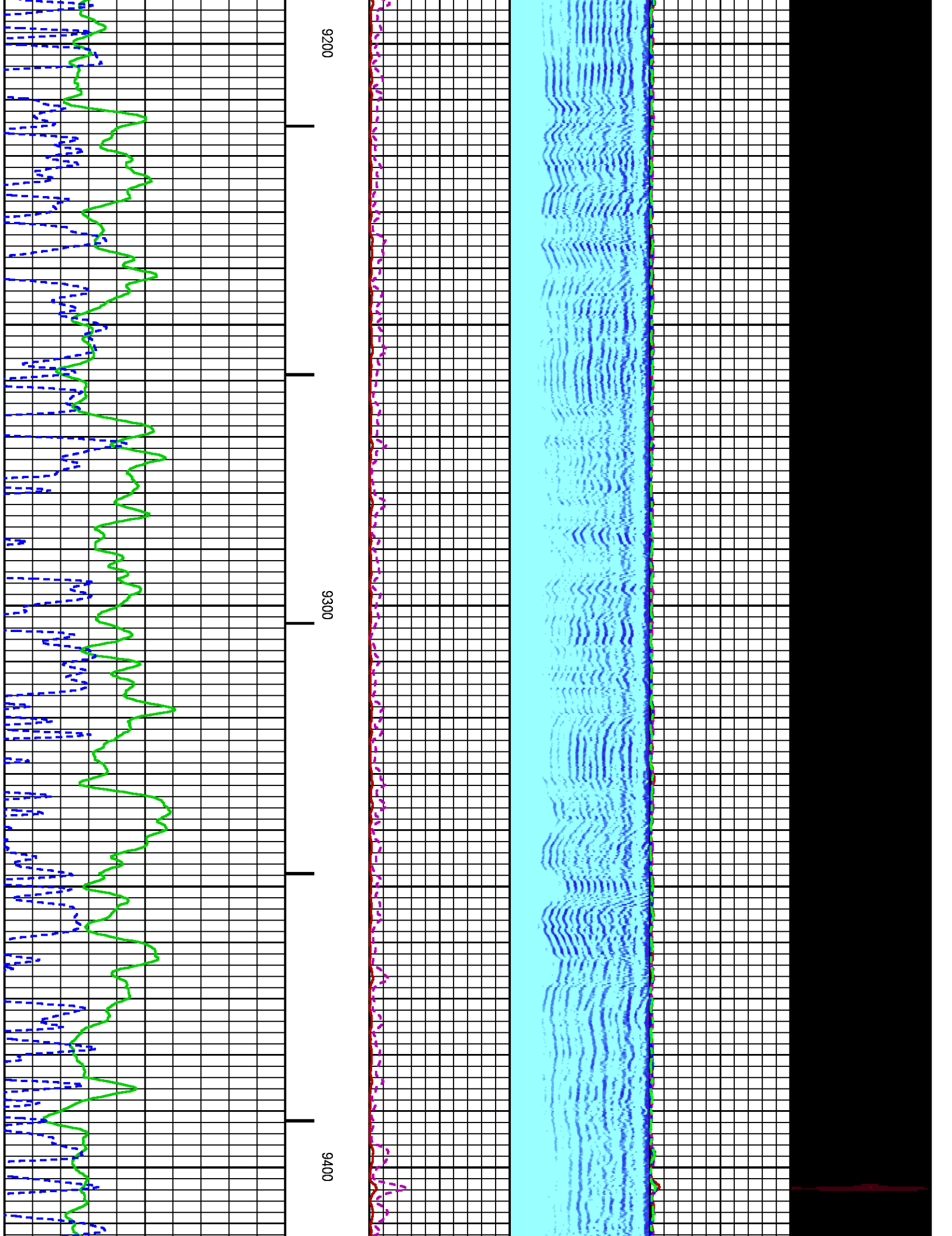


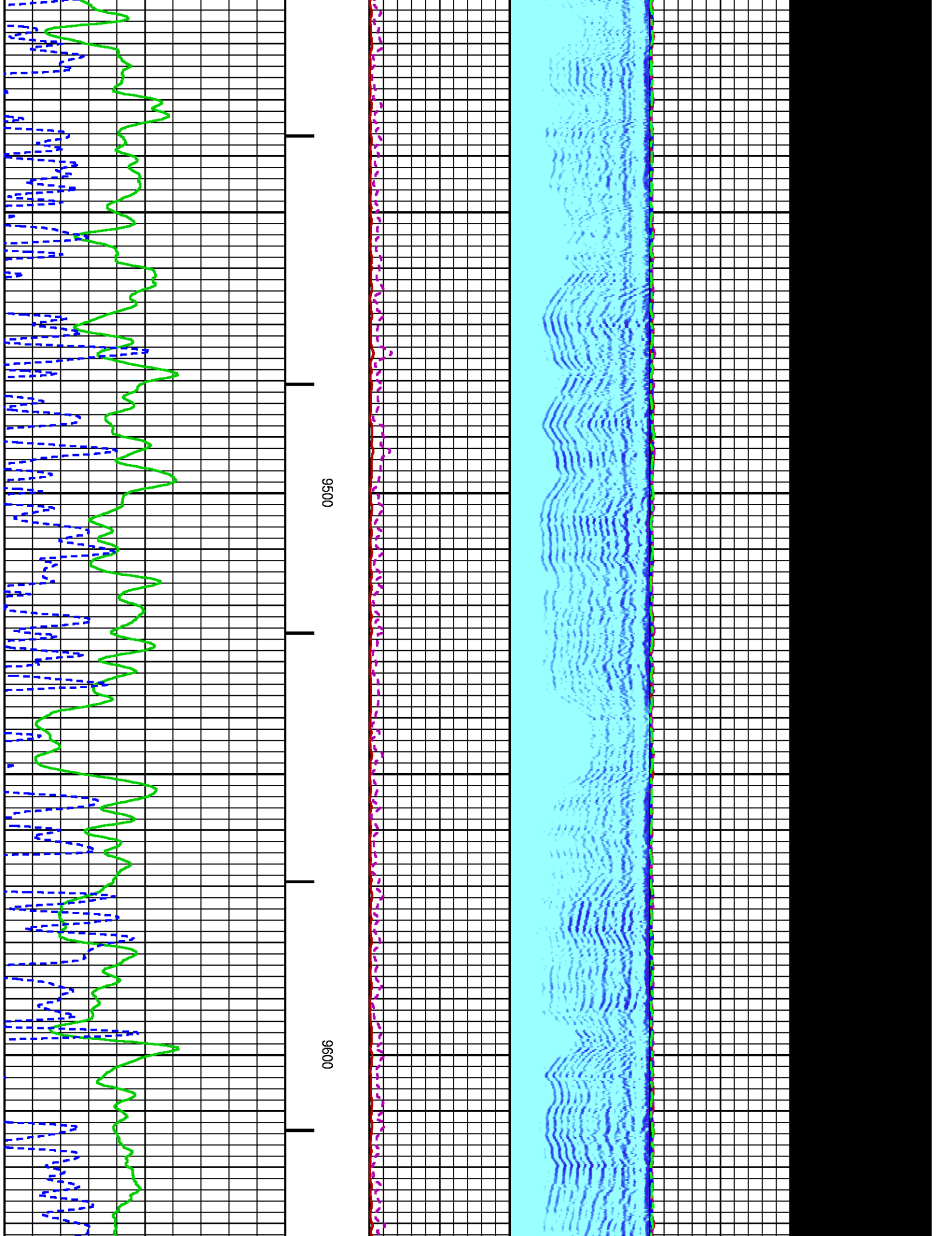


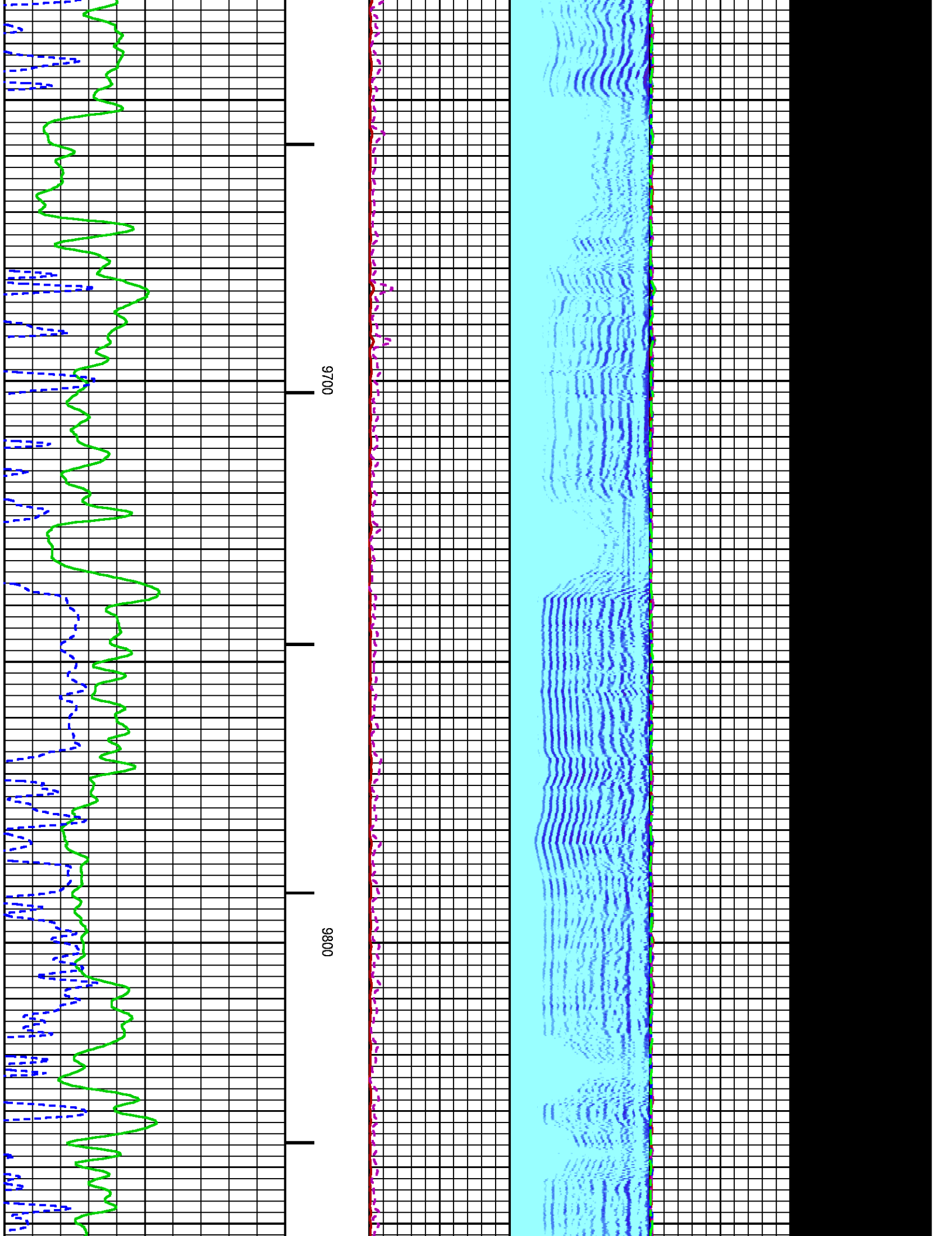












RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Thu Jul 2 09:03:30 2015

UNIT #: 3880TA HL6670

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

	NEAR	R1	R2	R3	R4	R5	R6	R7	R8	FAR	CAL
ZERO (mV)	-0.00	0.04	-0.01	-0.04	-0.09	-0.11	-0.05	-0.05	-0.05	0.17	-0.08
AMP FLUID (mV)	72	72	72	72	72	72	71	71	72	94	71
TT (us)	219	218	219	220	220	219	218	217	219	327	219
M FACTOR	1.39	1.39	1.40	1.40	1.39	1.40	1.40	1.40	1.39	1.59	1.40

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Fri Jul 3 08:08:15 2015

DAYS SINCE CAL: 0

UNIT #: 3880TA HL6670

CABLE #: 6670SM SMALL1

	NEAR	R1	R2	R3	R4	R5	R6	R7	R8	FAR	CAL
	(mV)	(mV)	(mV)	(mV)	(mV)	(mV)	(mV)	(mV)	(mV)	(mV)	(mV)
ZERO	-0.02	0.24	0.17	0.03	0.05	-0.21	-0.09	0.18	0.10	0.08	-0.00
AMP AIR	-0.21	-0.84	-0.70	-0.36	-0.23	0.72	0.51	-0.63	-0.47	-0.57	99.98

SHOP	SHOP	WIRELINE
M FACTOR	A FACTOR	FACTOR
1.40	0.00	1.00

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1355XA 11871508

DATE/TIME PERFORMED: Wed Jul 1 11:50:07 2015

UNIT #: 3880TA HL6670

CALB JIG #: 4702NK WA-612

	BACKGROUND	CALBRTR ON	CR DIFF	MULT	BACKGROUND	CALBRTR ON	CALBRTR
	(cts)	(cts)	(cts/s)		(gAPI)	(gAPI)	(gAPI)
GR	48.36	341.51	293.2	0.631	30.52	215.52	185

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1355XA 11871508

DATE/TIME PERFORMED: Wed Jul 1 11:53:52 2015

UNIT #: 3880TA HL6670

VERI JIG #: 4702NK WA-612

	BACKGROUND	CALBRTR ON	MULT	BACKGROUND	CALBRTR ON	DIFF.
	(cts)	(cts)		(gAPI)	(gAPI)	(gAPI)
GR	49.07	327.64	0.631	30.96	206.76	175.80
						175.00 195.00

TEMP PRIMARY CALIBRATION SUMMARY

TOOL #: 1355XA 11871508

DATE/TIME PERFORMED: Fri Jul 3 08:04:33 2015

UNIT #: 3880TA HL6670

SN# : 00001A1E0070

T(0)

T(1)

T(2)

T(3)

Corr Coeff for Temp

0.000000E+00

9.000000E-02

0.000000E+00

0.000000E+00

INSTRUMENT CONFIGURATION

Source File: /dat1a/CH096692/CBL-tdg

CABLEHEAD

Diameter : 2.75"
Length : 2.25'
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

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

20.38'

NEAR RCVR 11.17'


FAR RCVR 10.21'

CCL 5.79'

GR 1.67'

TEMP 8.17°

TOTAL LENGTH: 20.38'
TOTAL WEIGHT: 235 lbs
MAX DIAMETER: 0'4.00"

	COMPANY	WPX ENERGY		FILE NO:
	WELL	YOUNBERG RU 444_7		CH096692
	FIELD	RULISON		API NO:
	COUNTY	GARFIELD	STATE	COLORADO
LOCATION:		ELEVATIONS:		7 7S 93W RU 44-7 PAD NABORS 576
SHL: 1128' FSL & 1183' FEL BHL: 443' FSL & 766' FEL		KB 7943 FT DF GL 7917 FT		
SEC 7 TWP 7 RGE 93W		DATE 03-Jul-2015		