



FILE NO: CH096702	COMPANY WPX ENERGY
API NO: 05103119670000	WELL FEDERAL RGU 343-26-198
	FIELD SULPHUR CREEK
	COUNTY RIO BLANCO
	STATE COLORADO
Ver. 4.01 SEC 26 T1S R98W RGU 42-26-198 H&P 318	LOCATION: SHL: 2448' FNL 910' FEL BHL: 2577' FSL 1229' FEL SEC 26 TWP 1S RGE 98W
PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	OTHER SERVICES RPM ELEVATIONS: KB 6646 FT DF GL 6622 FT

DATE		23-May-2015		
RUN	TRIP	1	1	
SERVICE ORDER		US096702J		
DEPTH DRILLER		12469 FT		
DEPTH LOGGER		12419 FT		
BOTTOM LOGGED INTERVAL		12409 FT		
TOP LOGGED INTERVAL		0 FT		
TIME STARTED		8:30		
TIME FINISHED		13:00		
OPERATOR RIG TIME		4:30		
TYPE OF FLUID IN HOLE		WATER		
FLUID DENSITY		NA		
FLUID SALINITY		NA		
FLUID LEVEL		184 FT		
LOGGED CEMENT TOP		NA		
WELLHEAD PRESSURE		0 PSI		
MAXIMUM HOLE DEVIATION		NA		
NOMINAL LOGGING SPEED		90 F/MN		
MAX. RECORDED TEMP.		276 DEGF		
REFERENCE LOG		NONE		
REFERENCE LOG DATE		NA		
EQUIP. NO.	LOCATION	6685	GRAND JCT	
RECORDED BY		W. QUIGLEY		
WITNESSED BY		MR. COLT STEWART		

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

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
4.5 IN	11.6 LB/F		0 FT	12469 FT

REMARKS

RUN 1 TRIP 1: LOGGED WITH ZERO PSI AT WELLHEAD

BHT = 276 degF

SJ = 7212'-7234'

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES
CREW: HOLLAR/FLEMING/QUIGLEY
RIG: H&P 318

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	RAL	1426XA	10417452	CENTRALIZED
1	1	CCL/GR	2459XA	10417457	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: 7

Plotted: Sat May 23 15:08:17 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096702/n012e05.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 30.000 ft BOTTOM DEPTH: 2080.000 ft

SYMMETRIC FILTER

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

RAL CCL PROCESSING

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

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	177	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-71	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

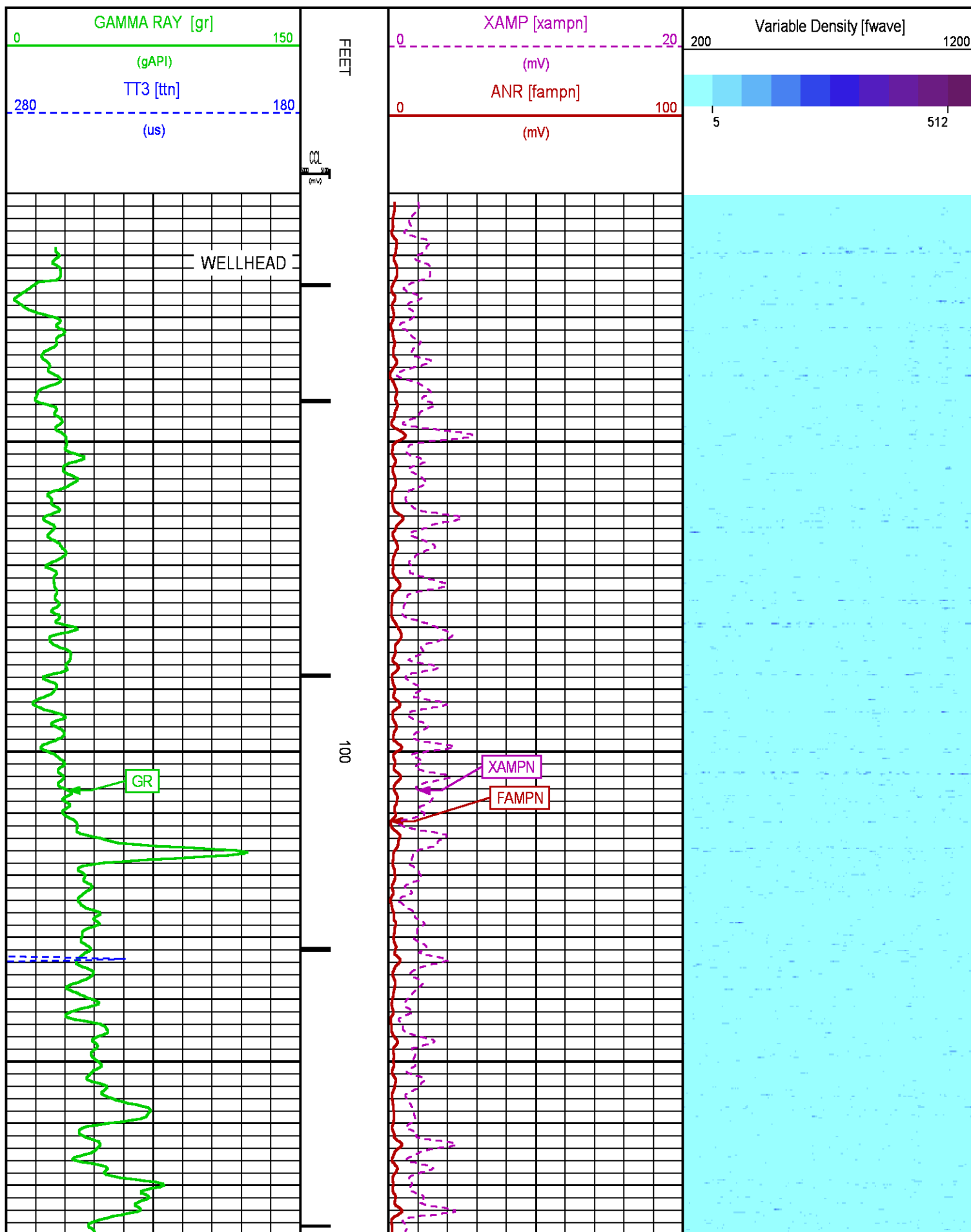
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	May 23 12:31:08 2015	CASING COLLAR LOCATOR
F1:FAMPN	May 23 12:31:08 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	May 23 12:31:08 2015	FAR WAVE FORM
F1:GR	May 23 12:31:08 2015	GAMMA RAY
F1:TTN	May 23 12:31:08 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	May 23 12:31:08 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

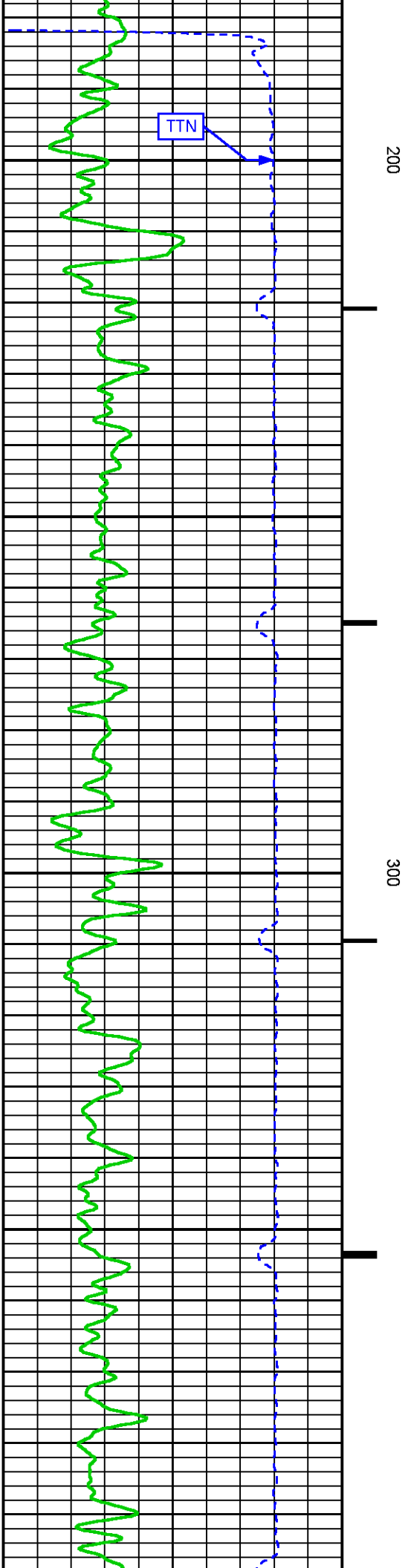
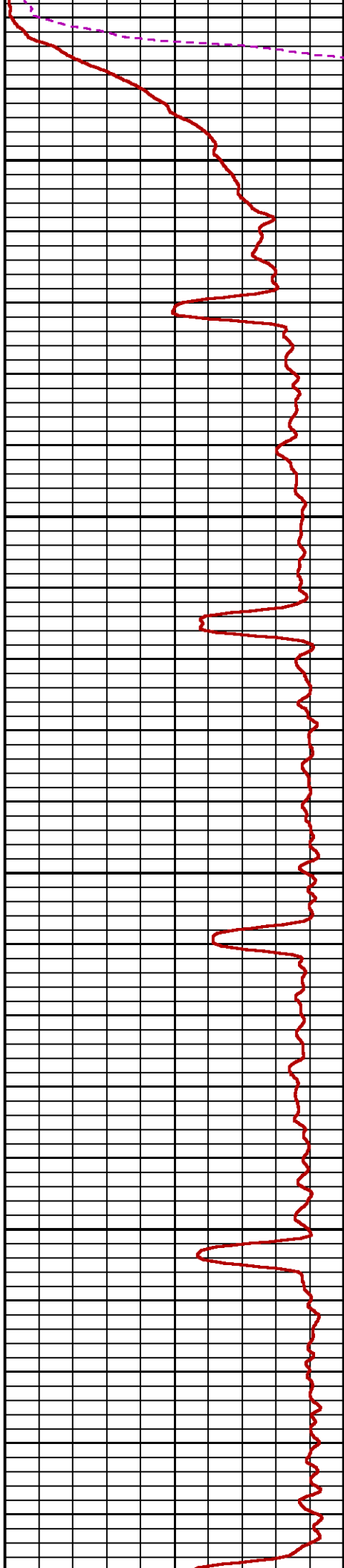
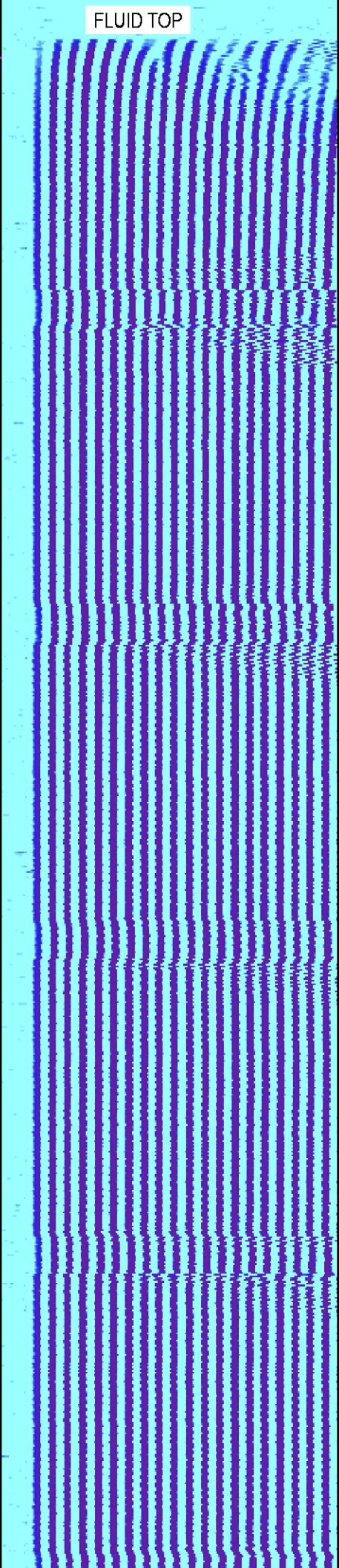
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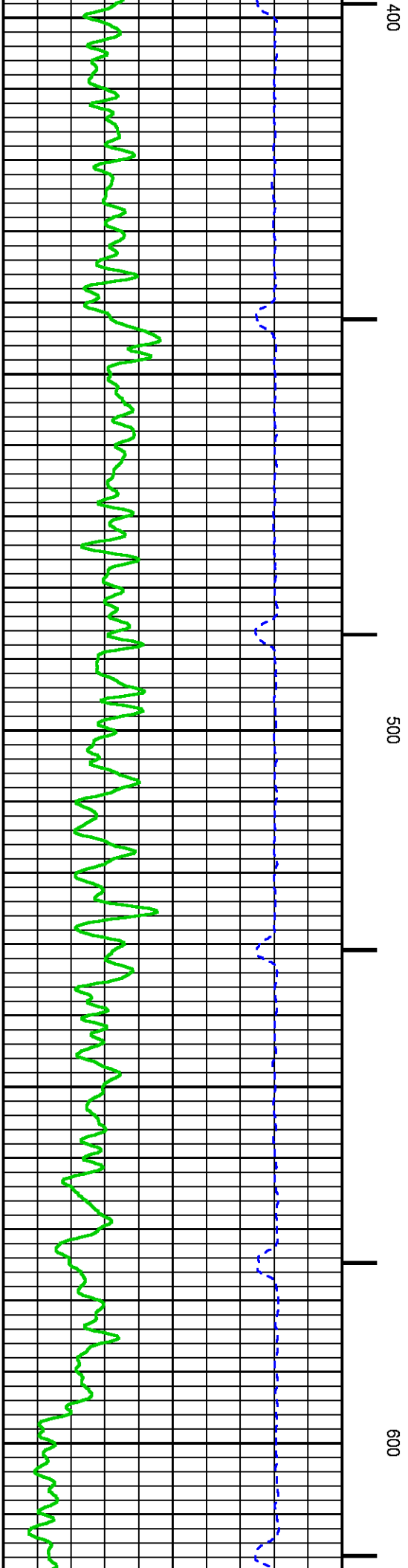
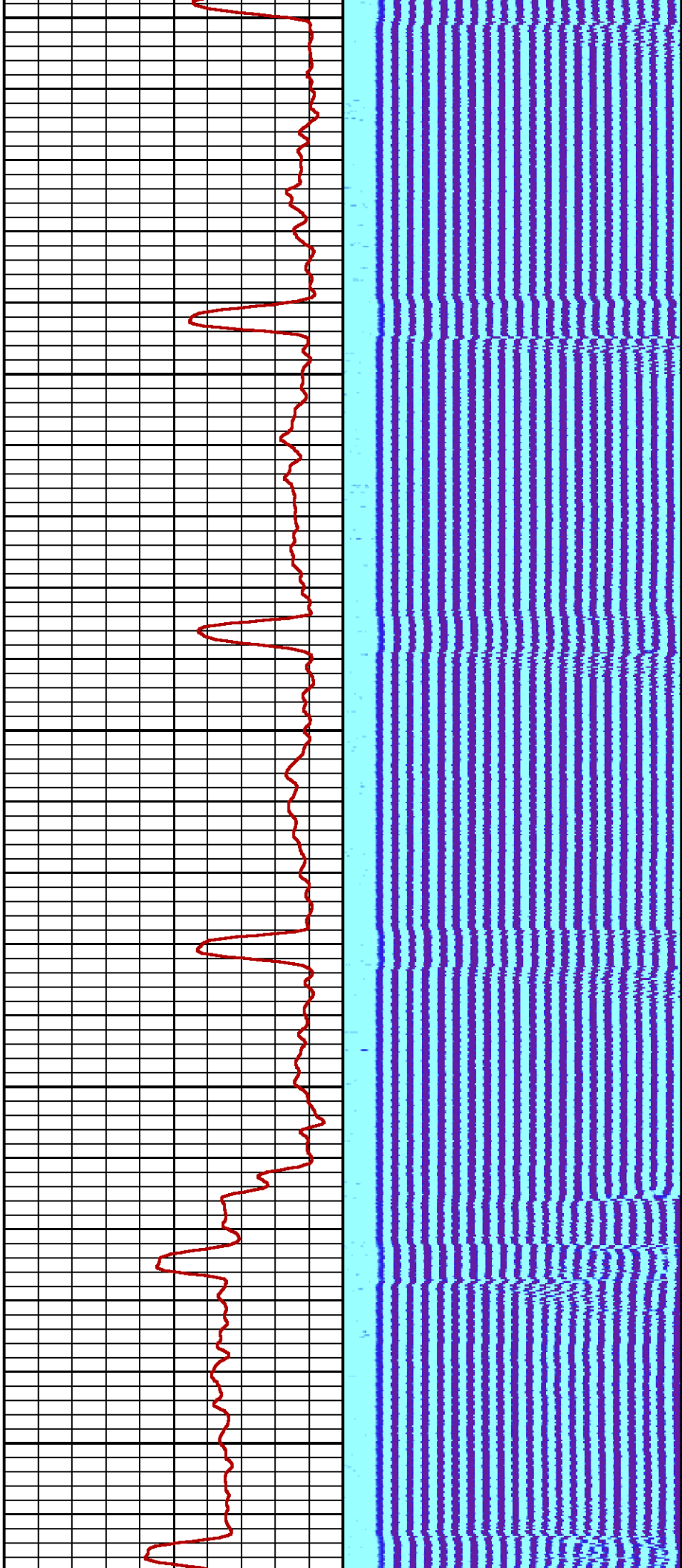
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

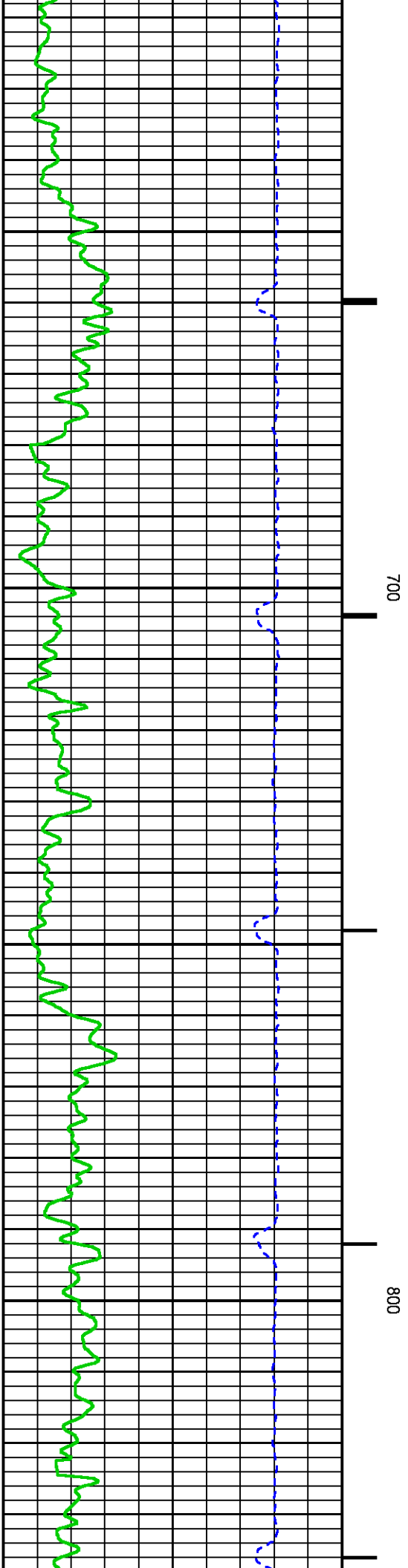
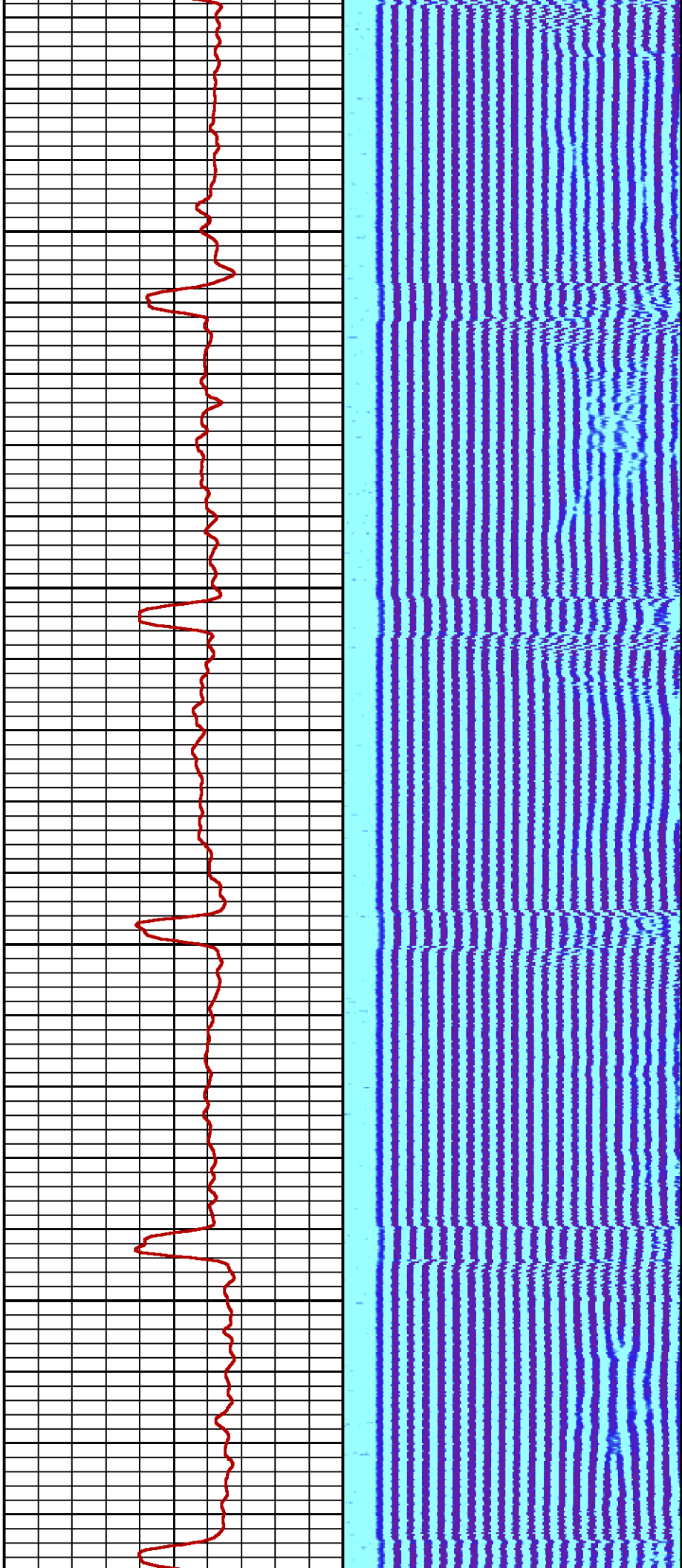
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 Plot Interval : 10.25 - 12429 Feet

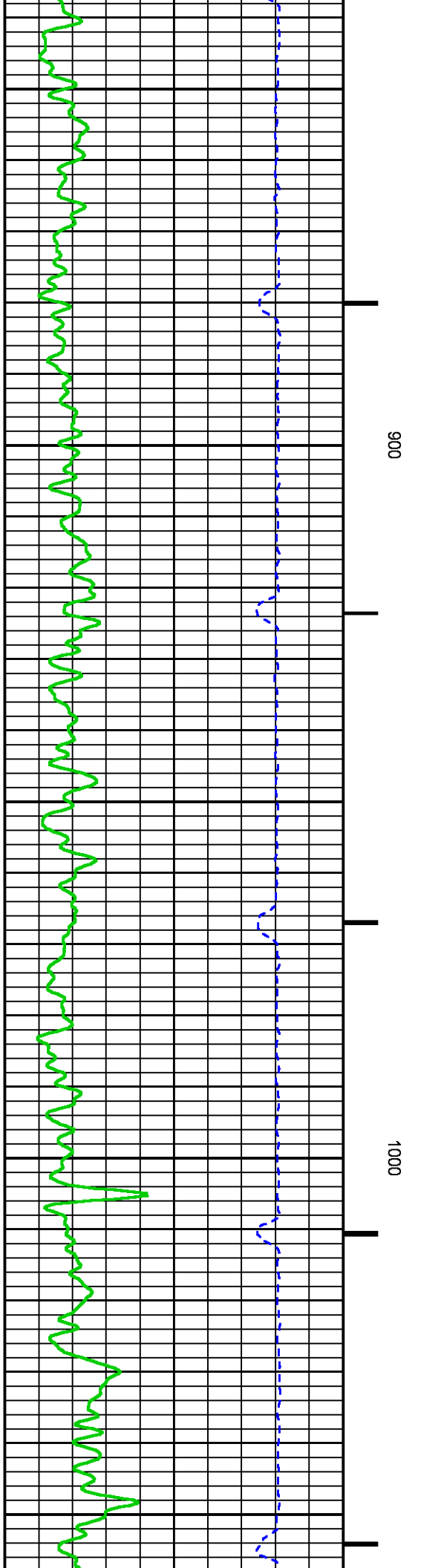
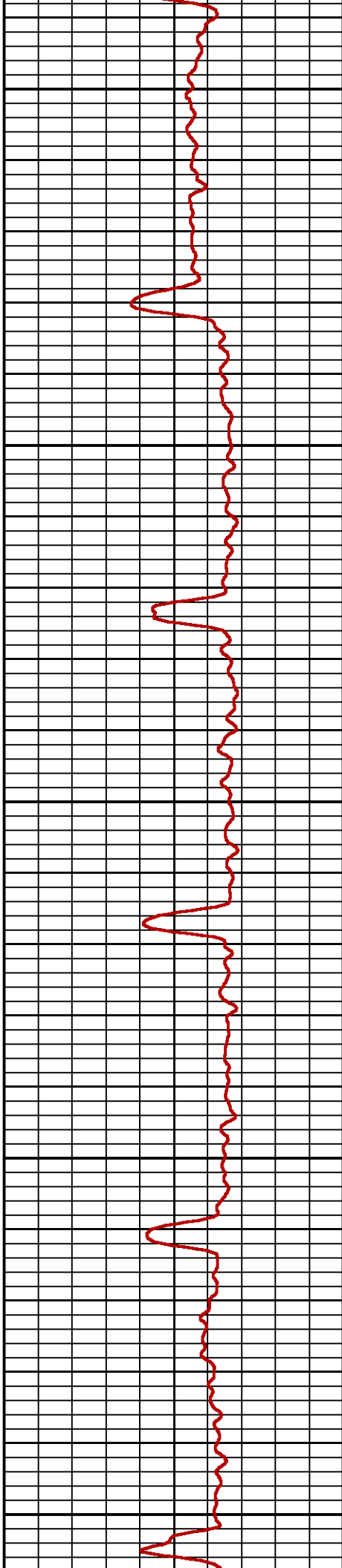
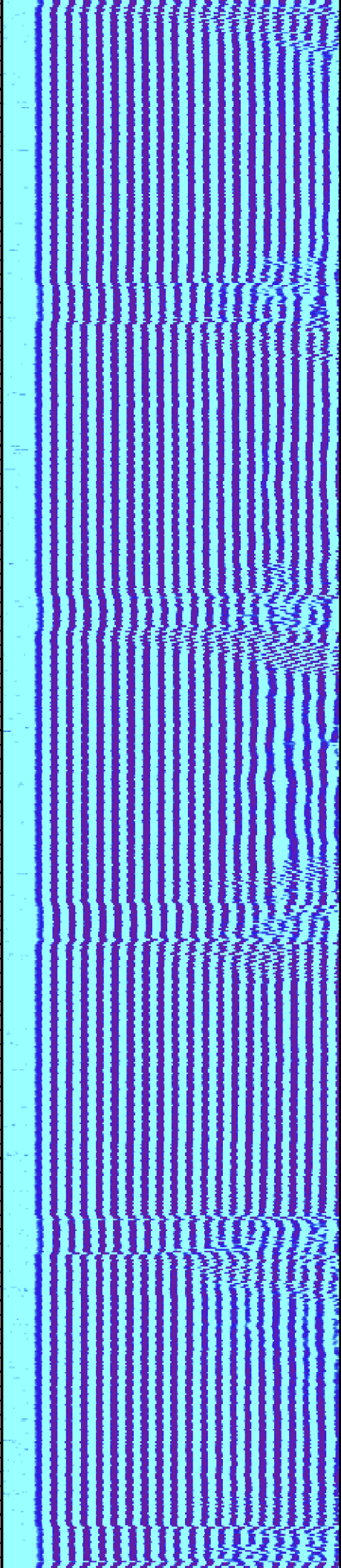
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Company : WPX ENERGY
Well : FEDERAL RGU 343-26-198
Field : SULPHUR CREEK
File Interval : 10.25 - 12429 Feet
OCT : n012e

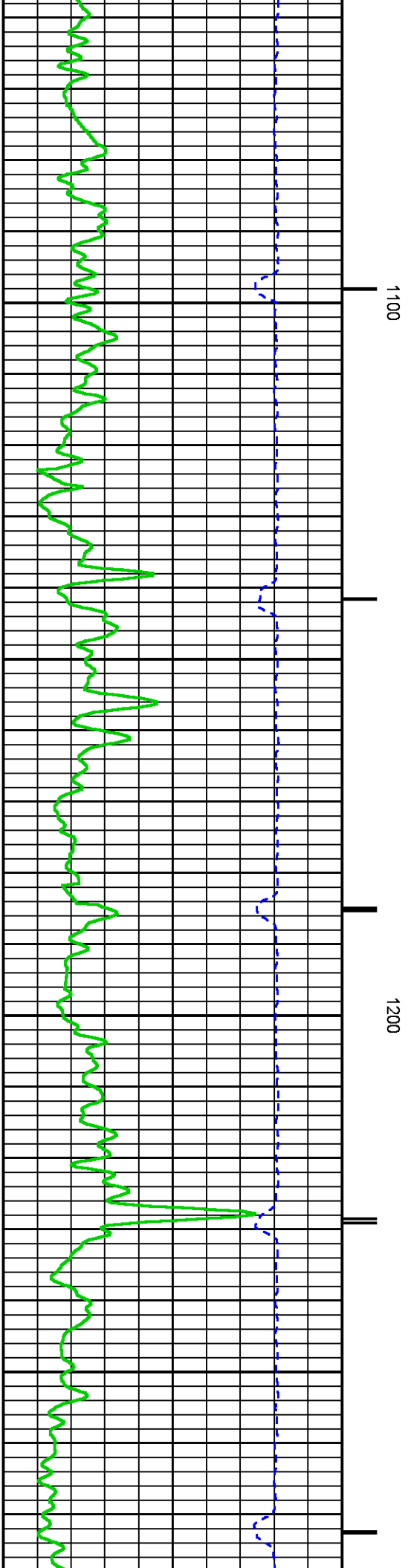
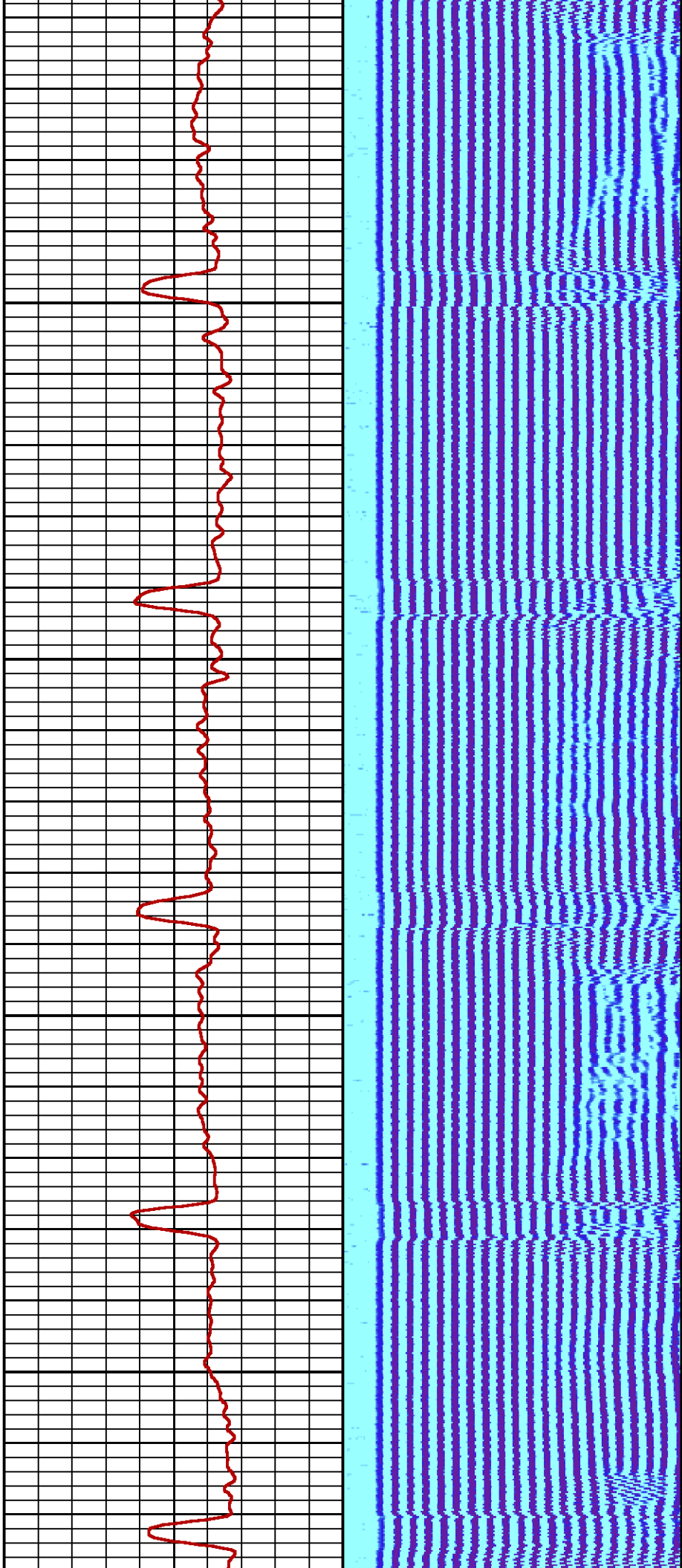


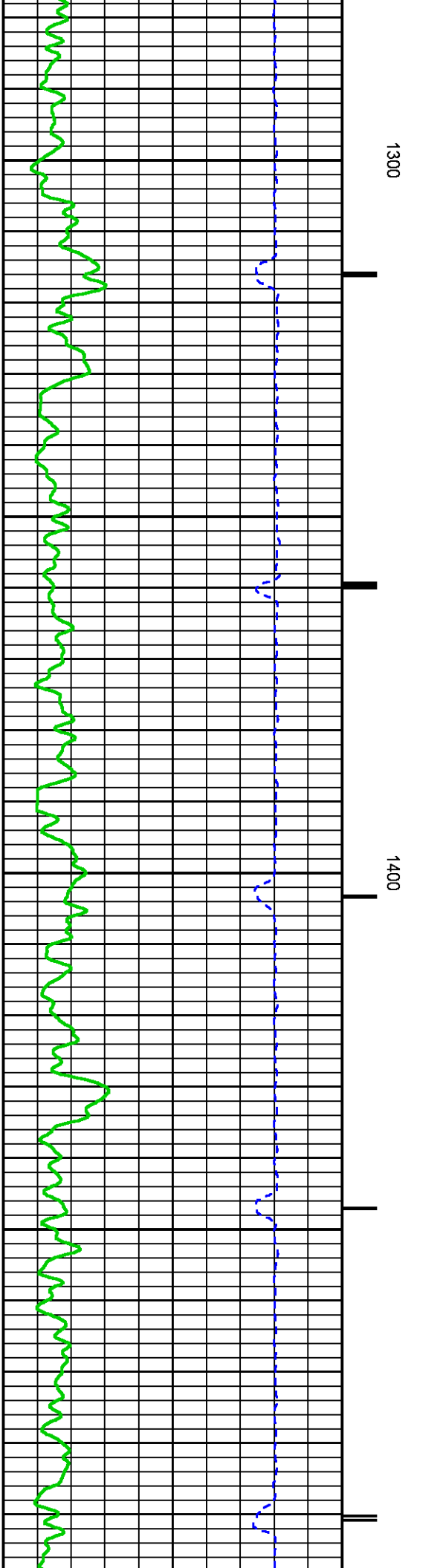
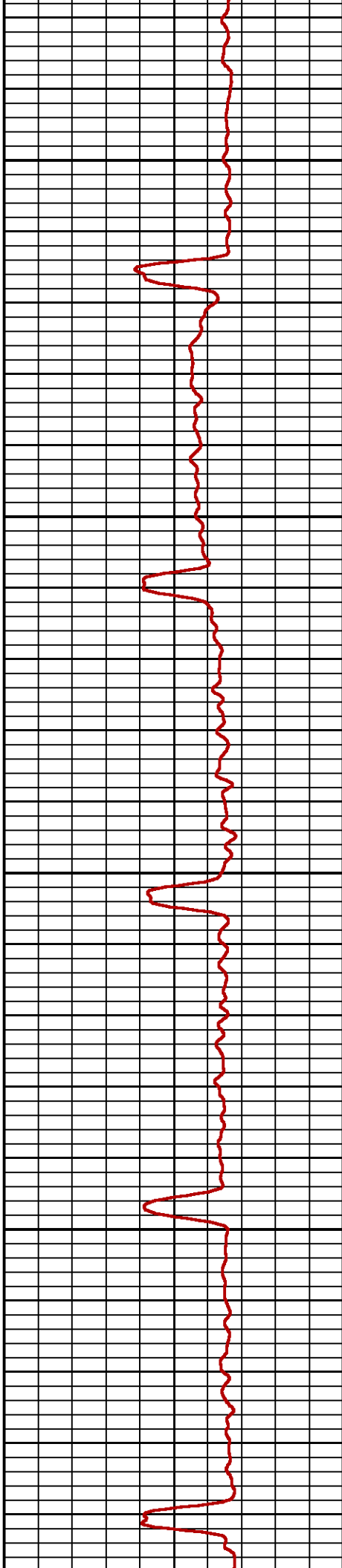
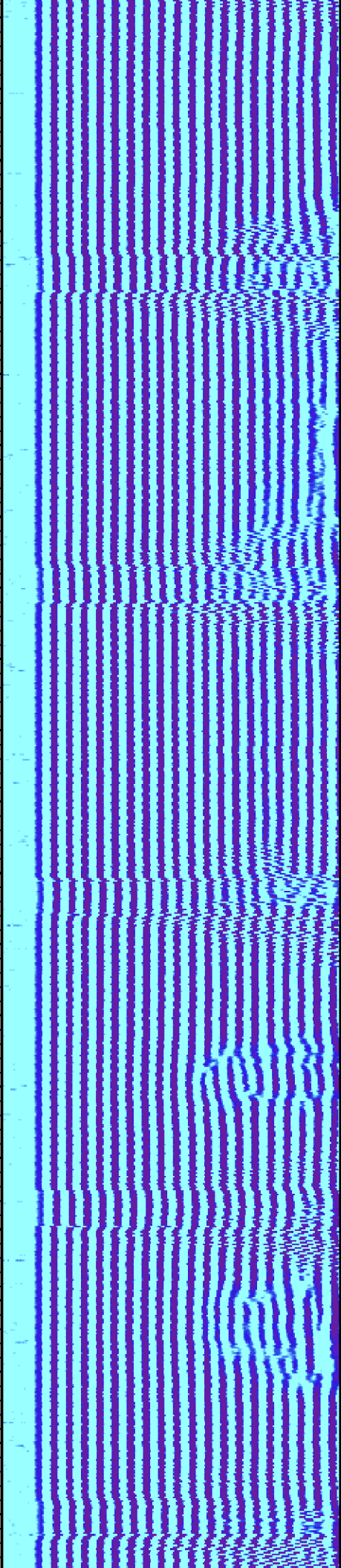


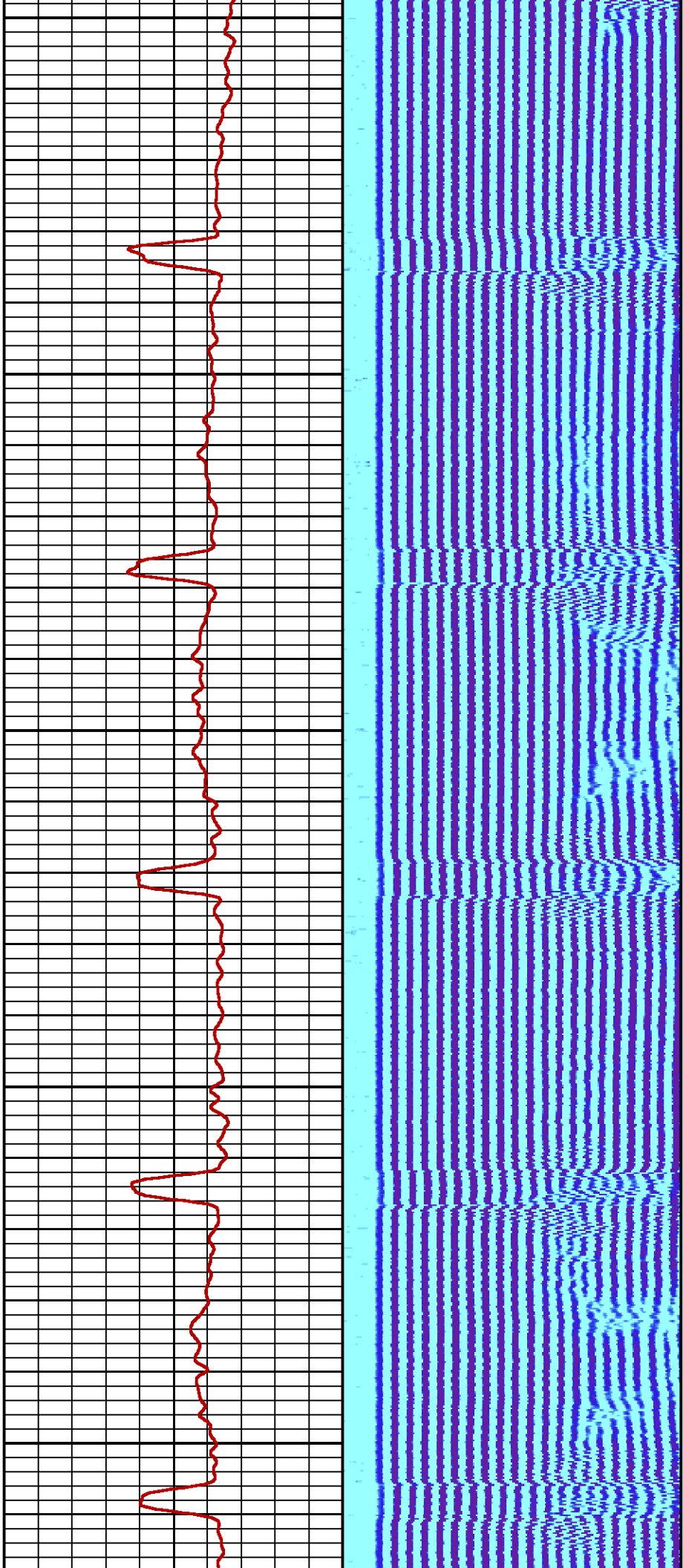








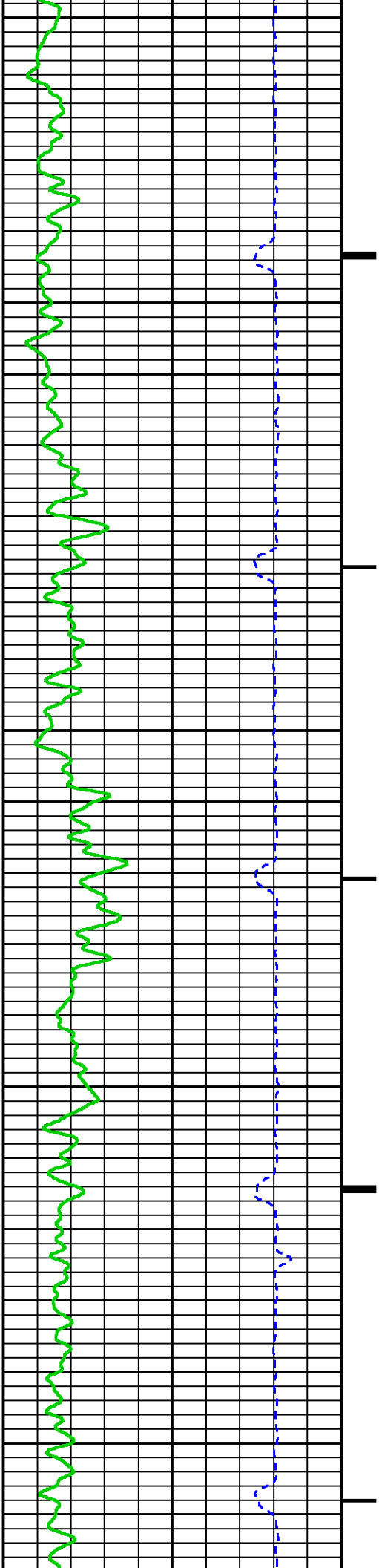


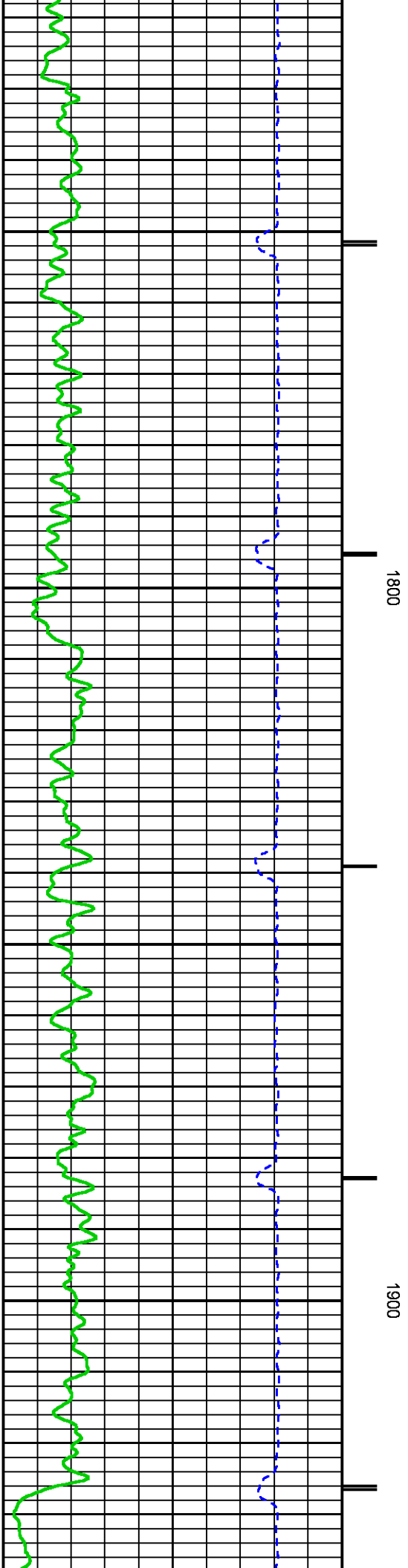
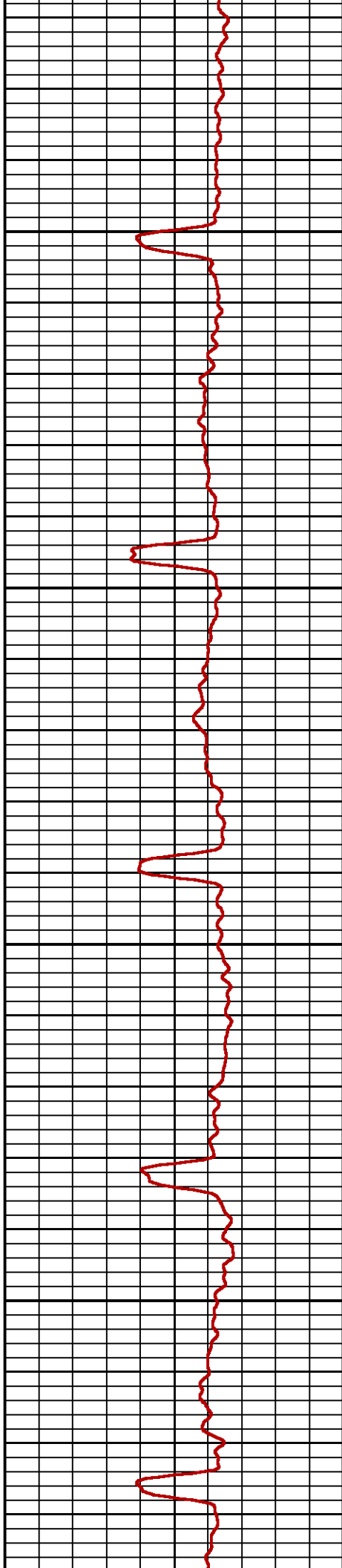
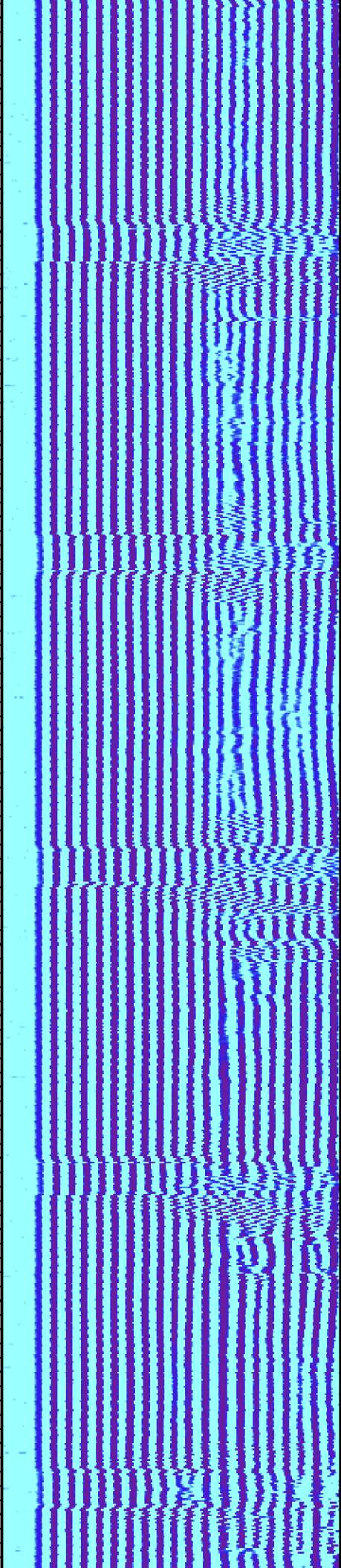


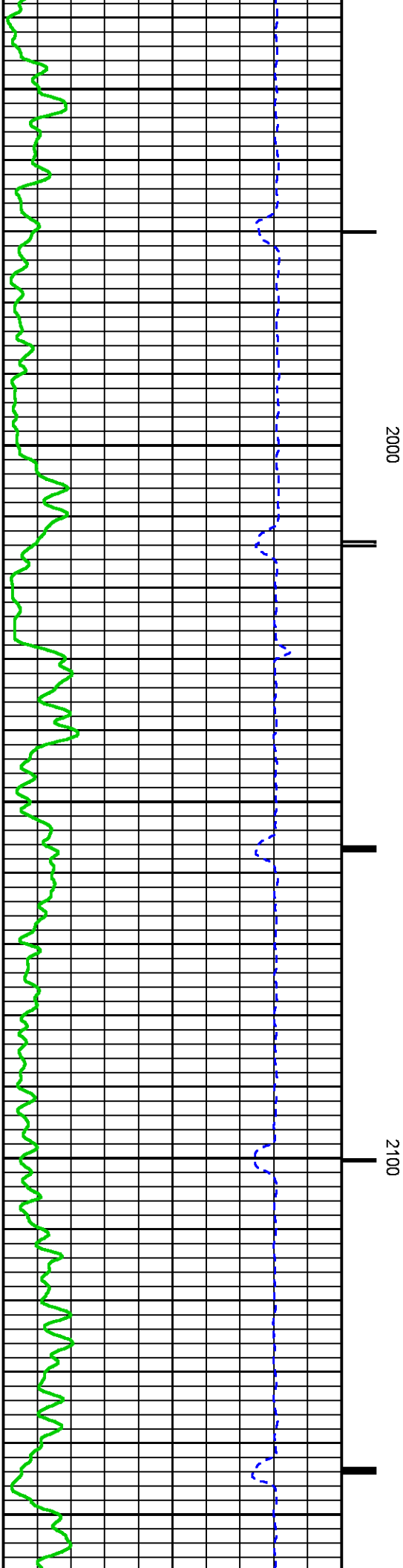
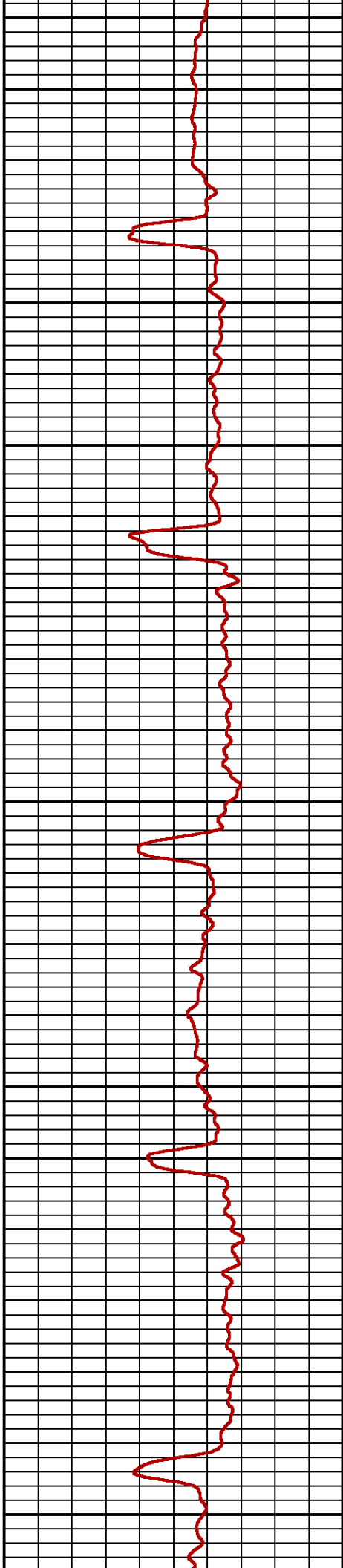
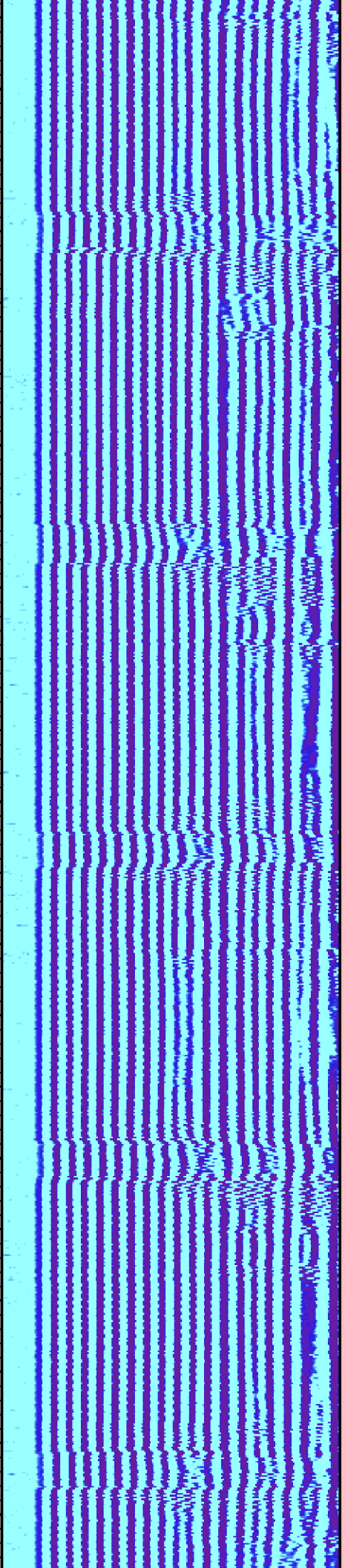
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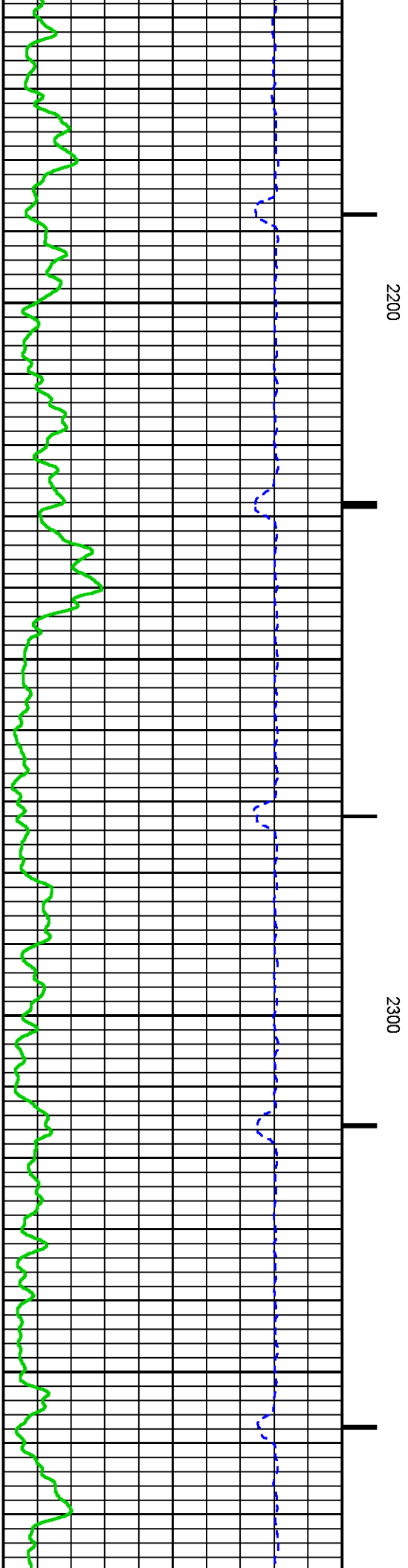
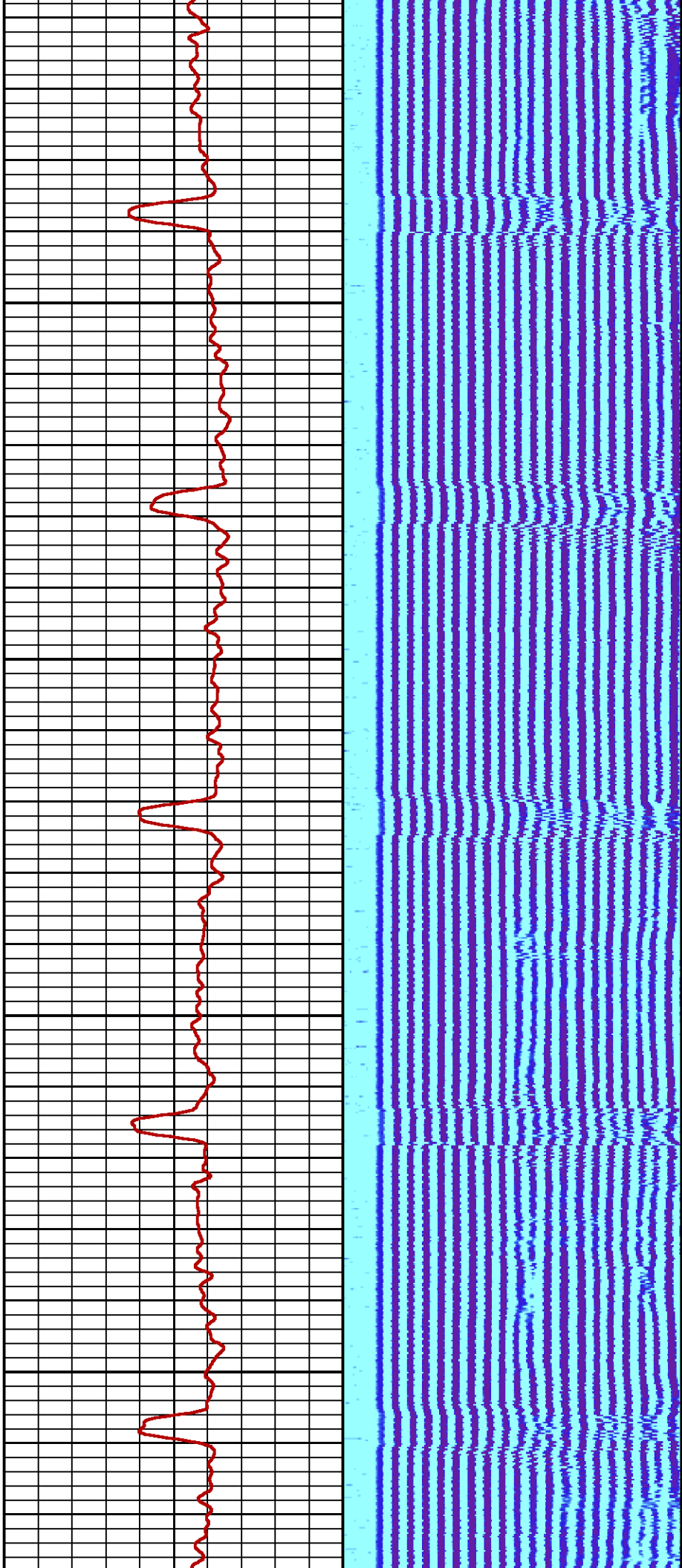
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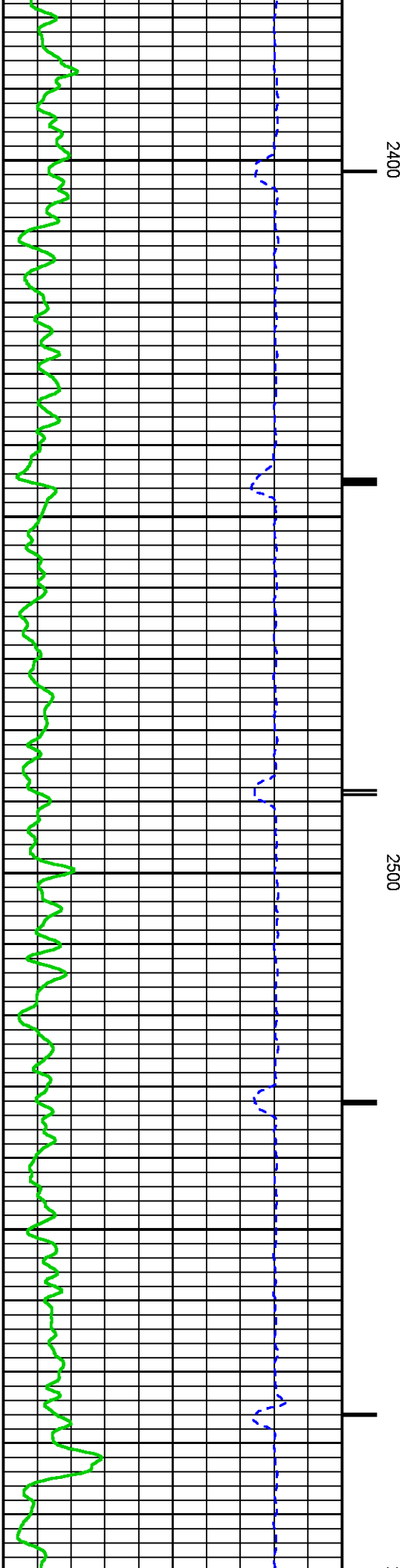
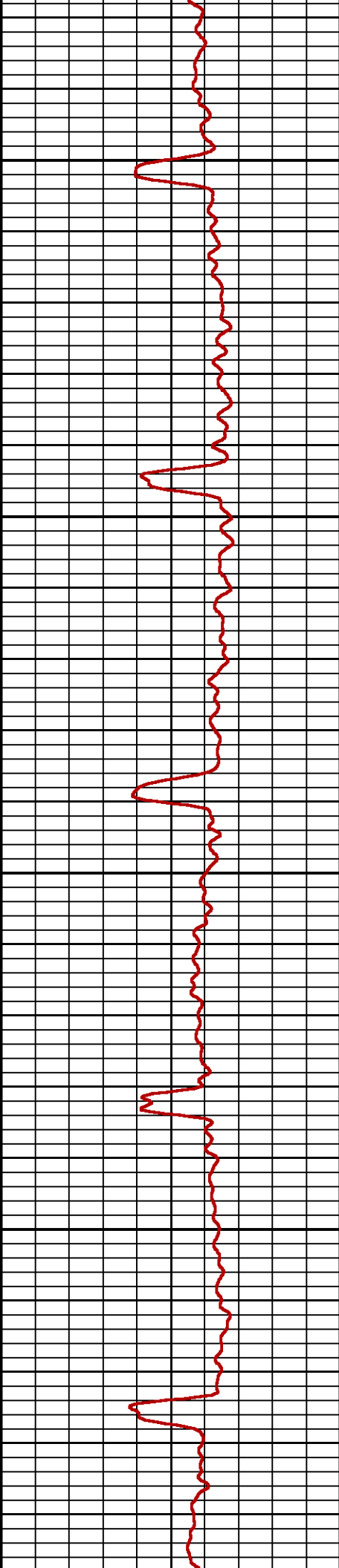
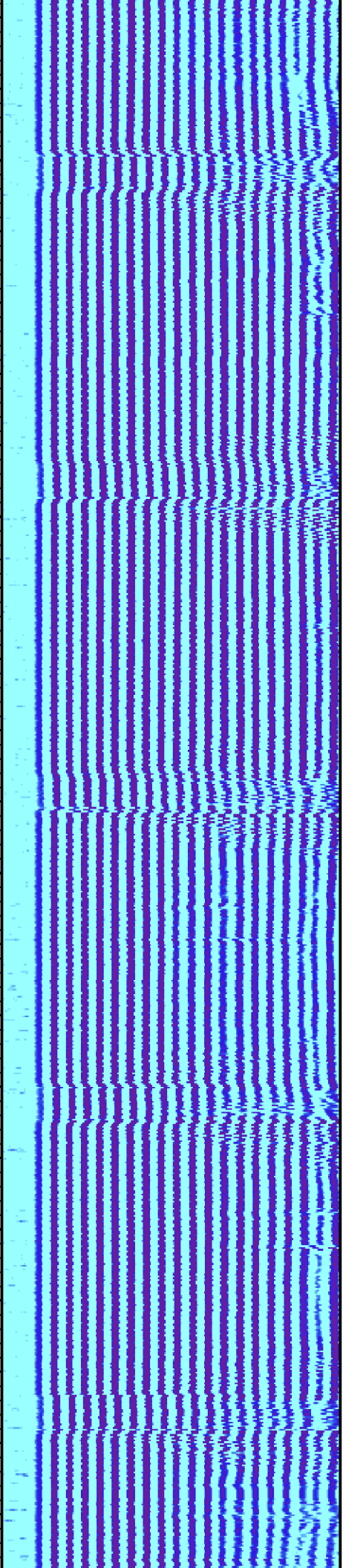
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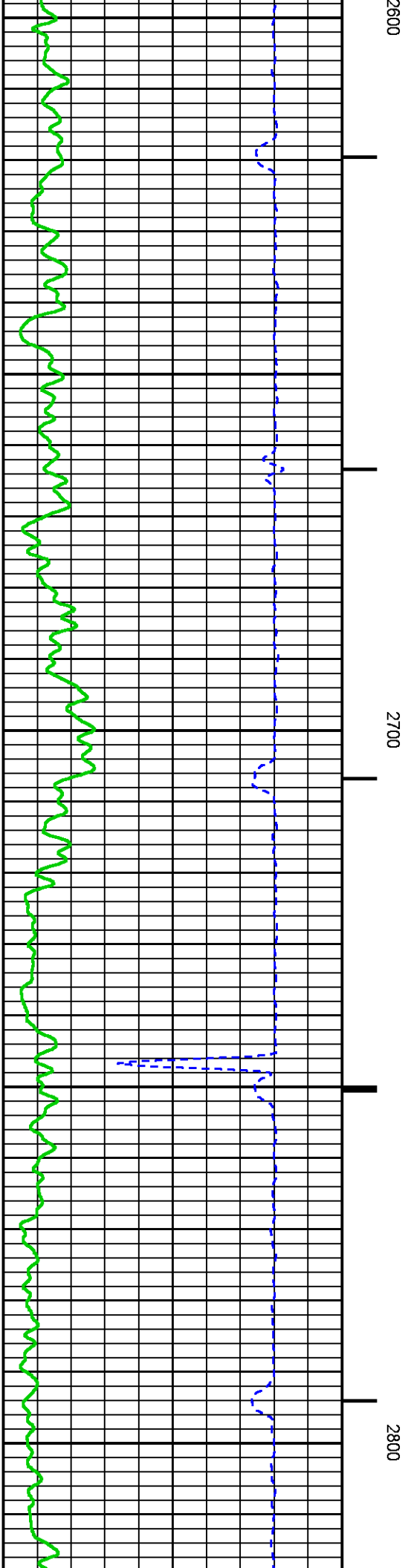
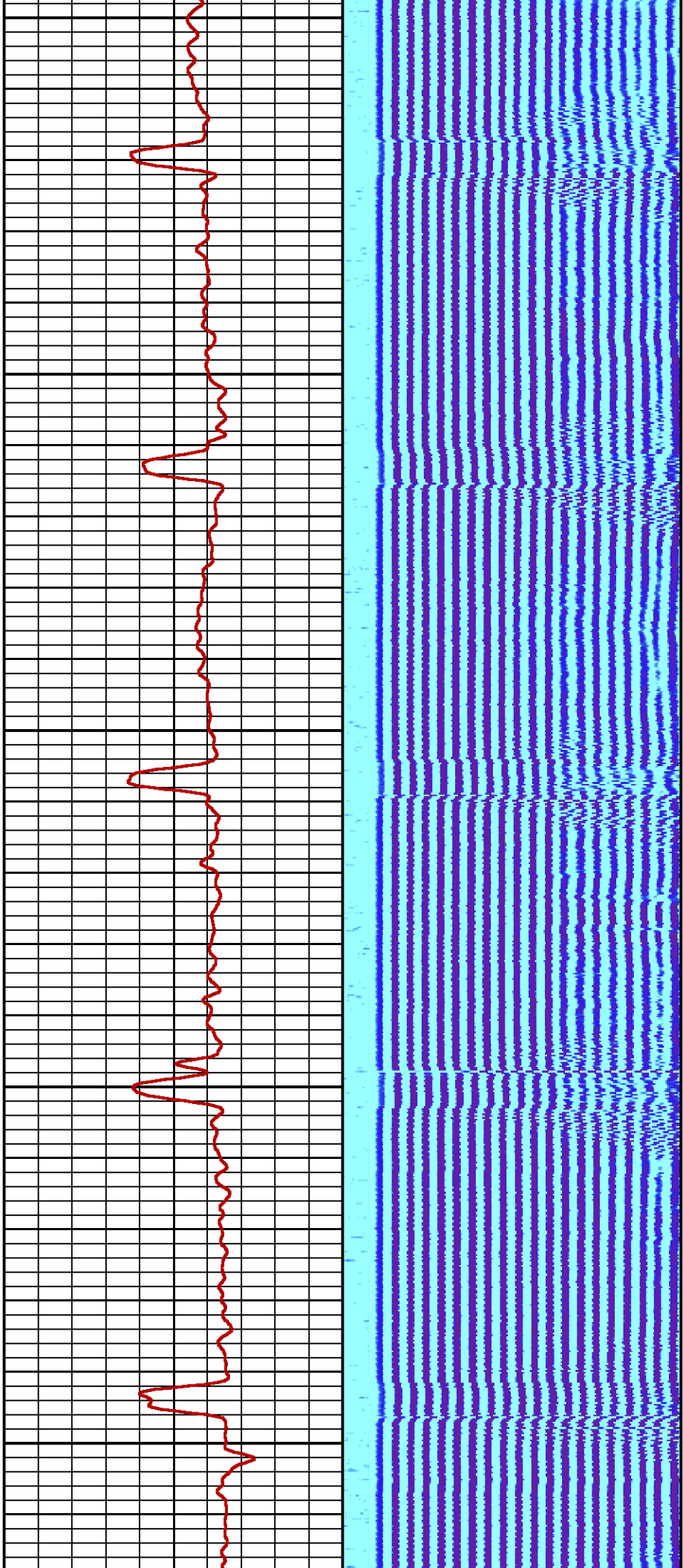


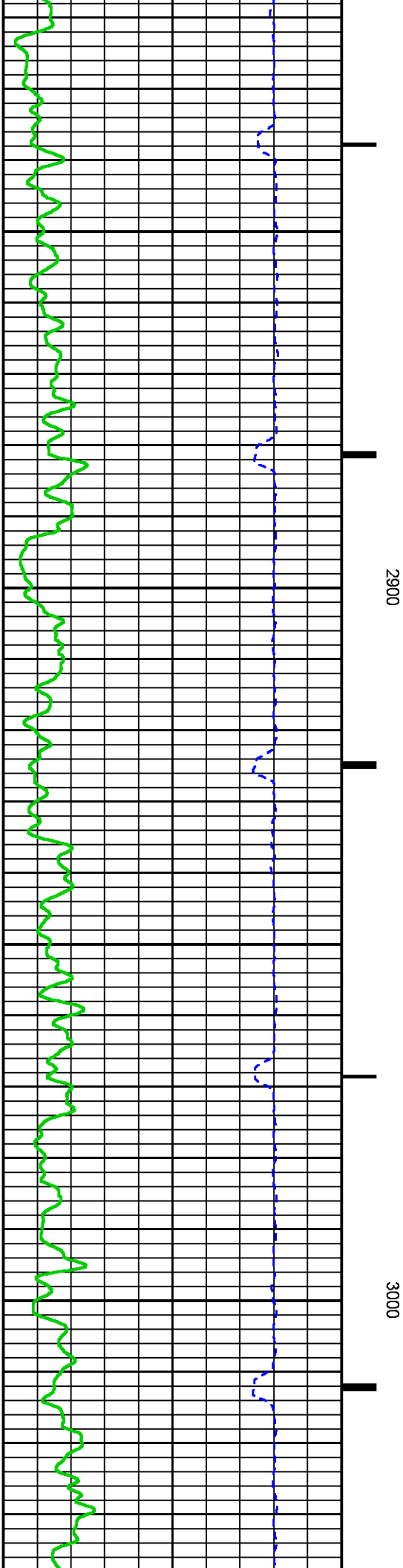
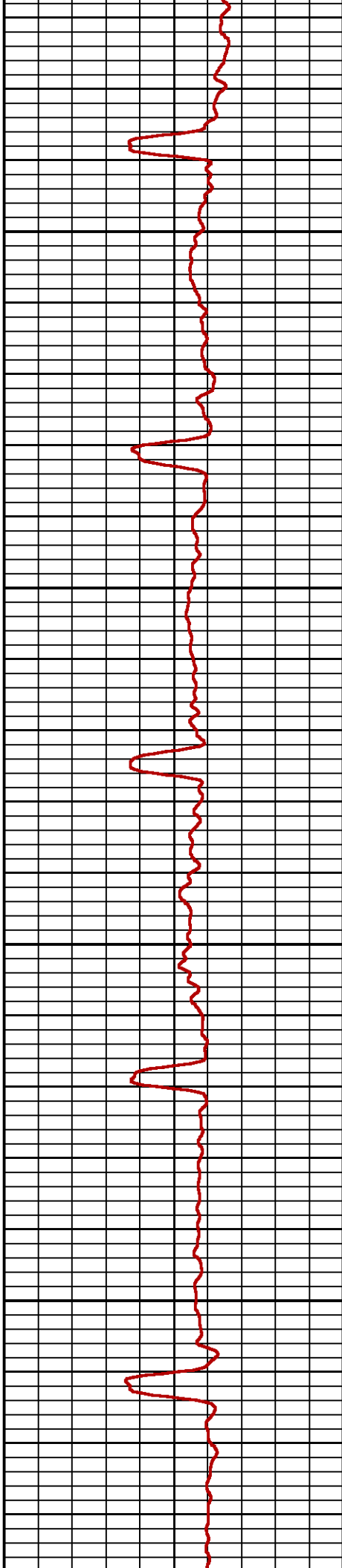
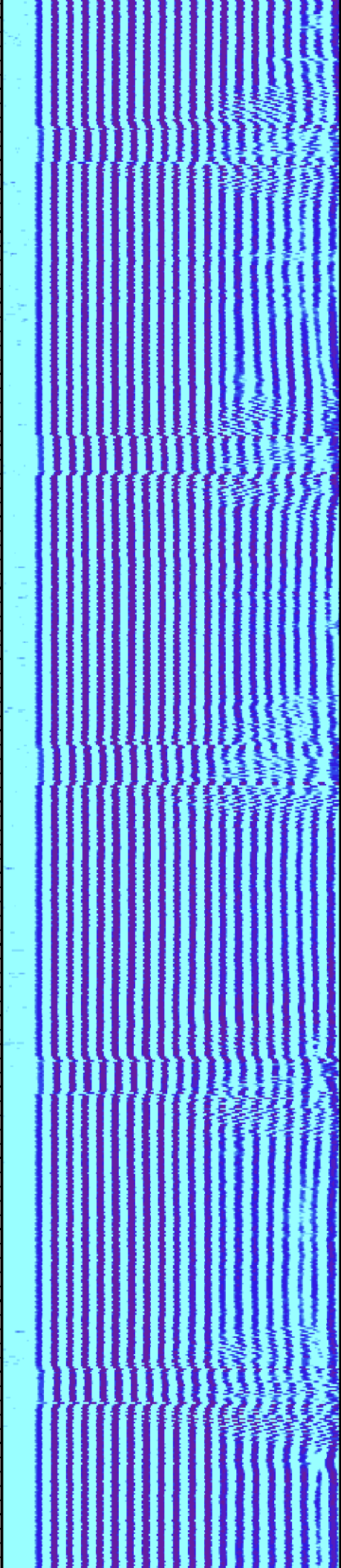


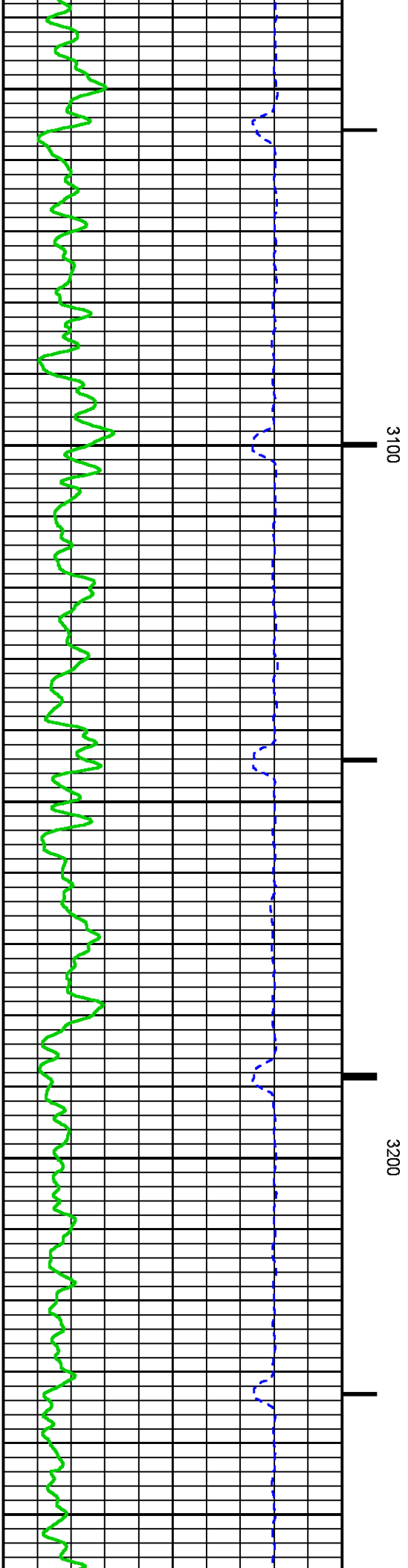
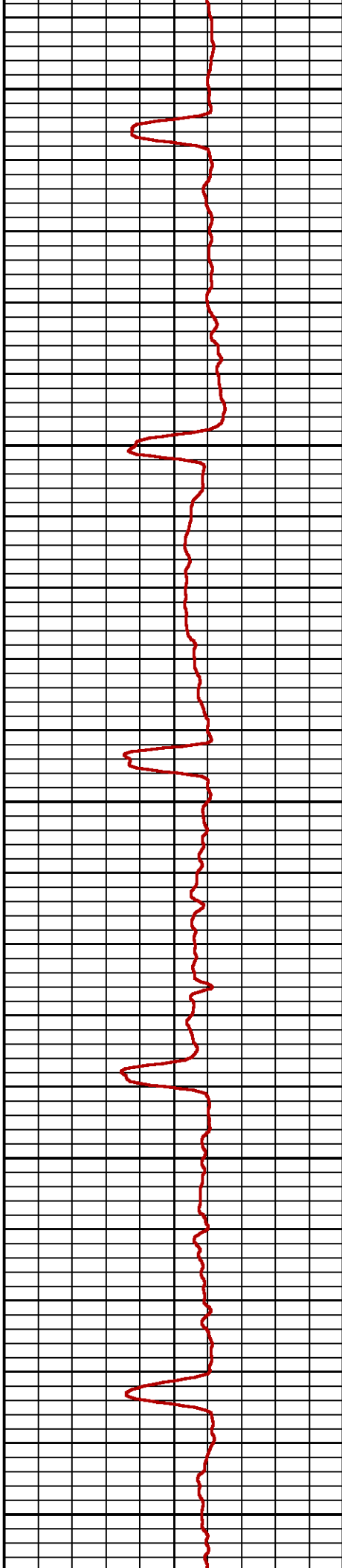
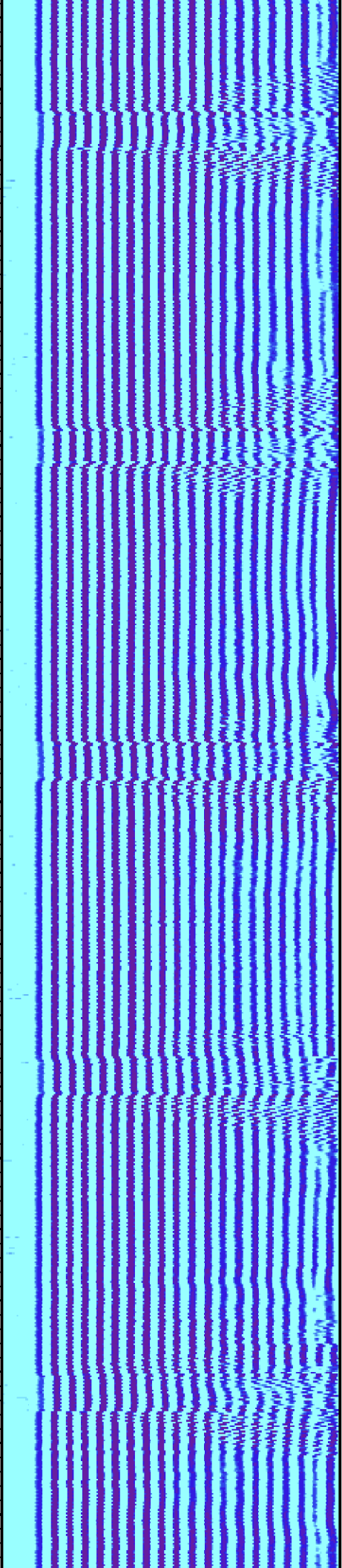


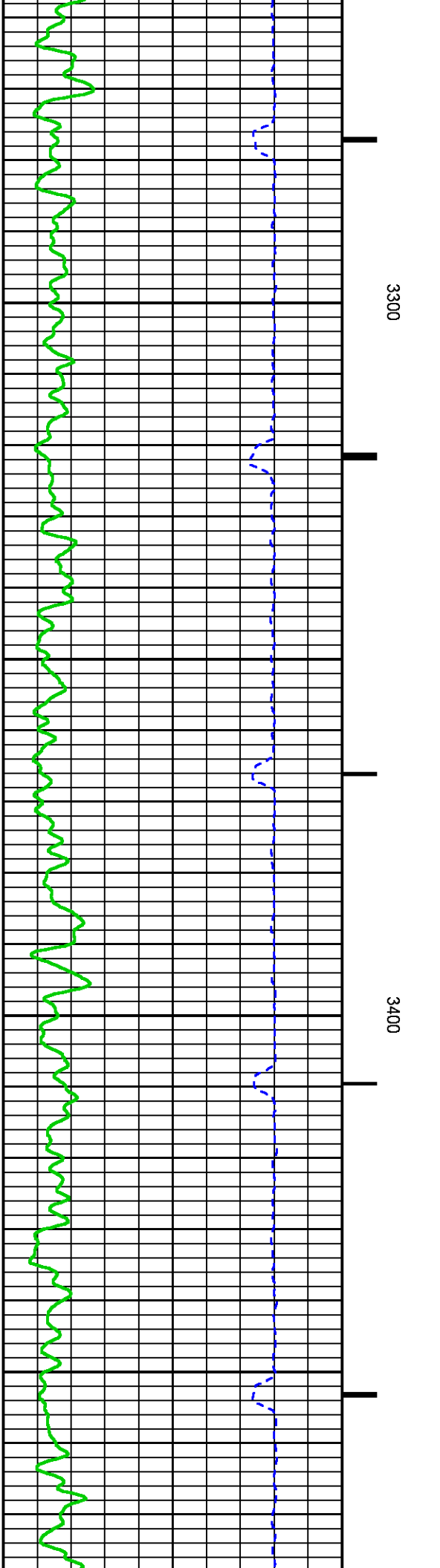
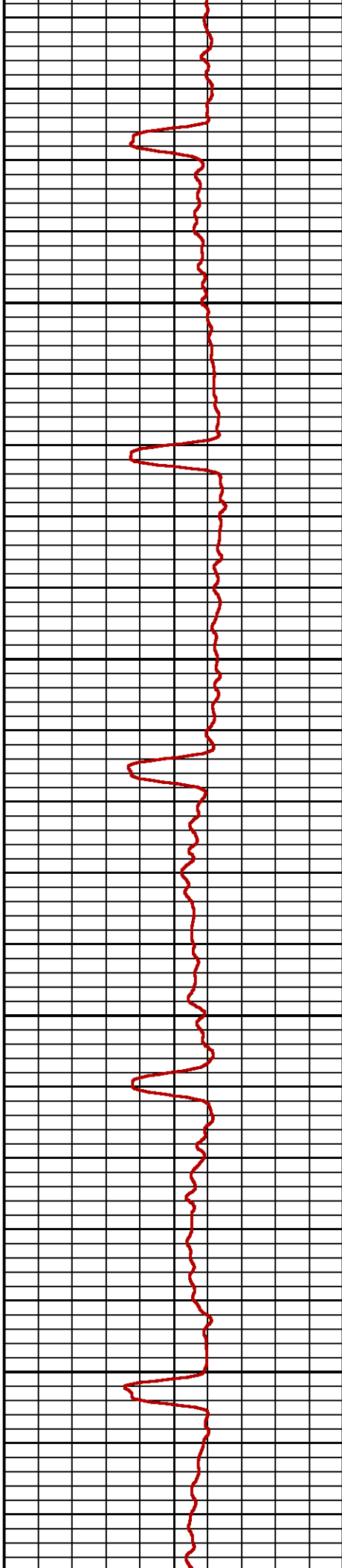
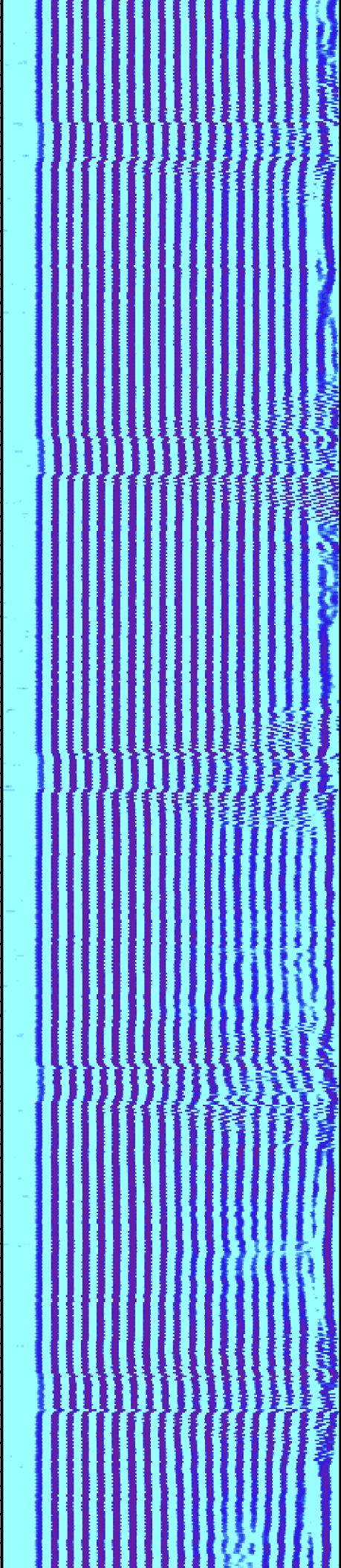


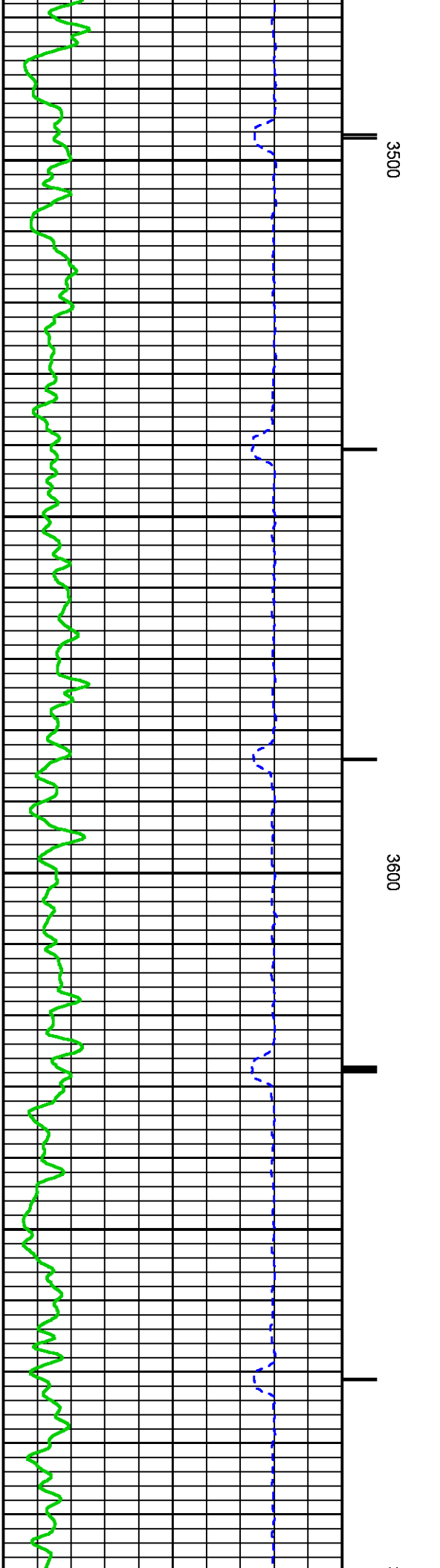
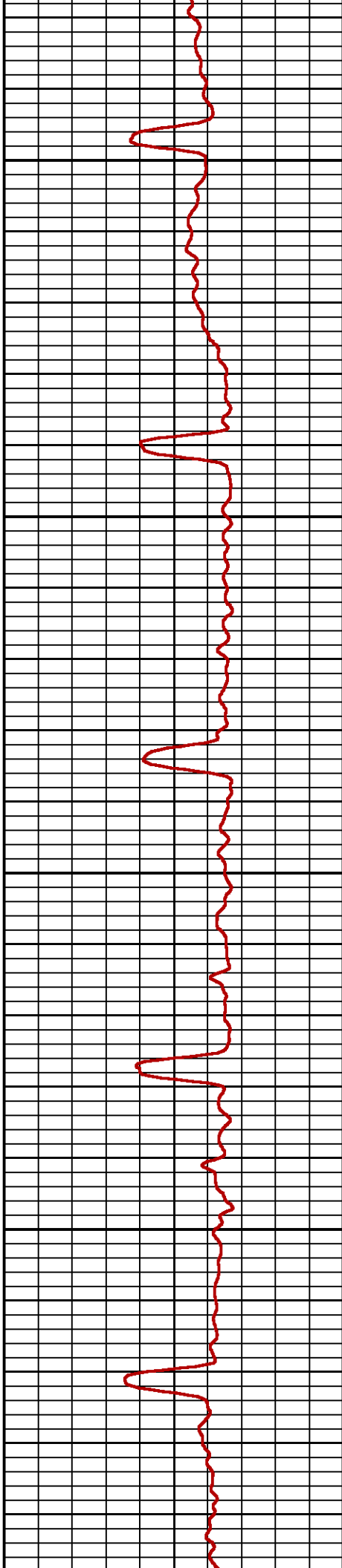
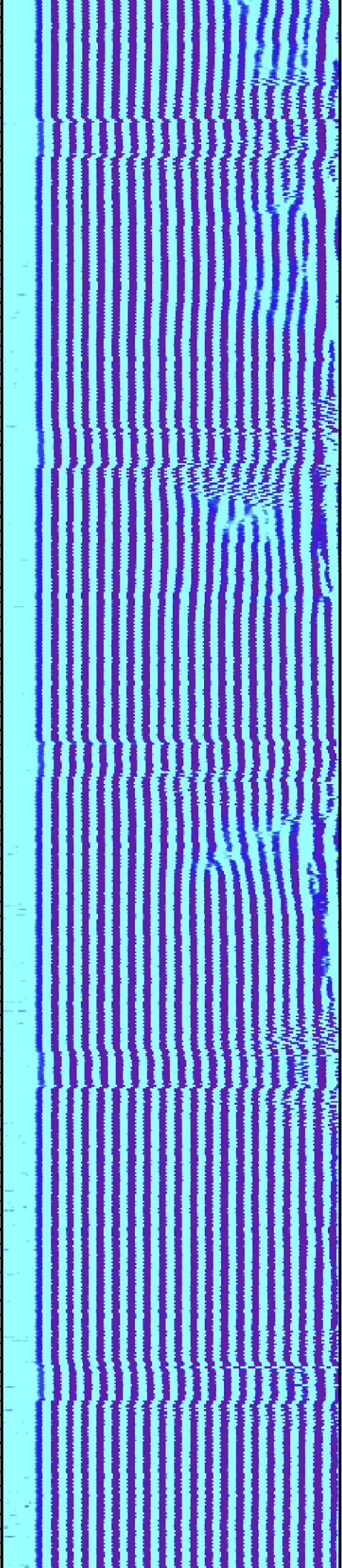


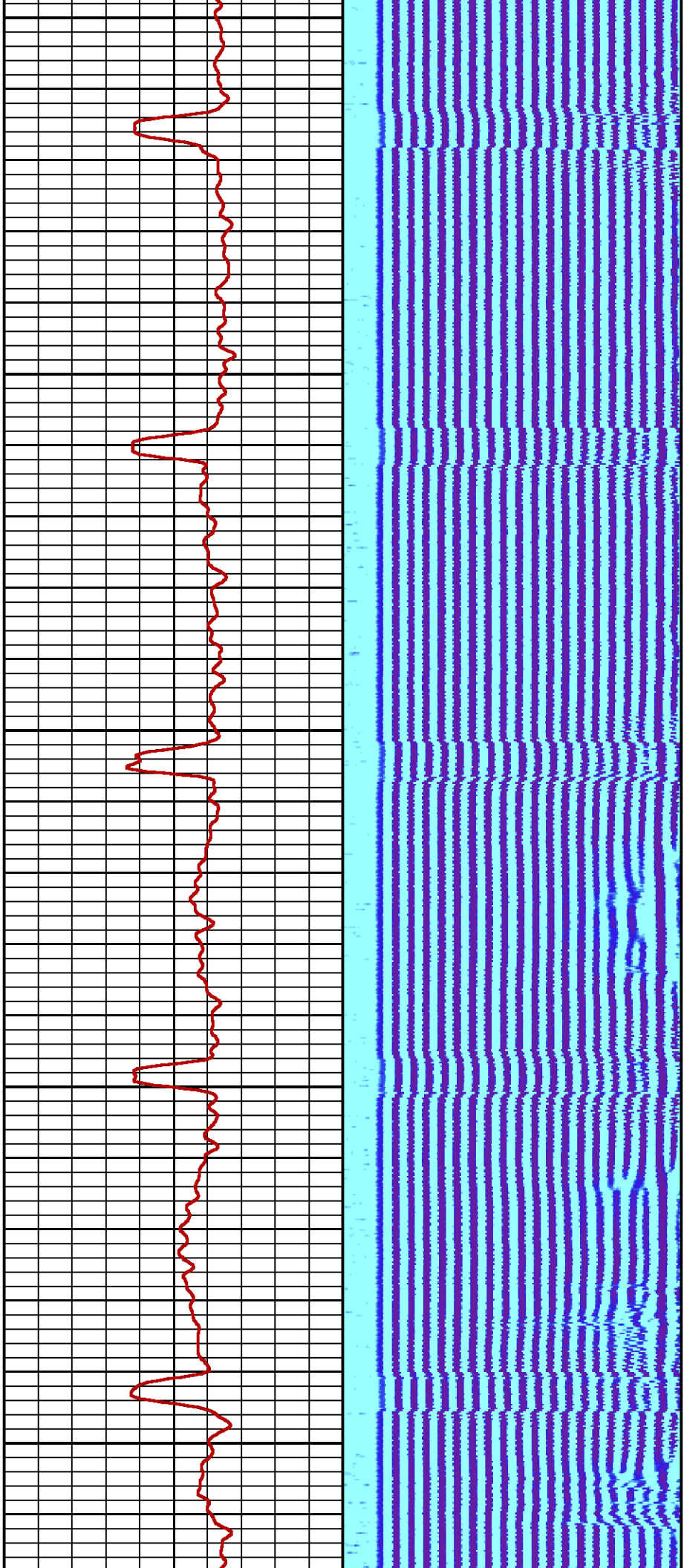








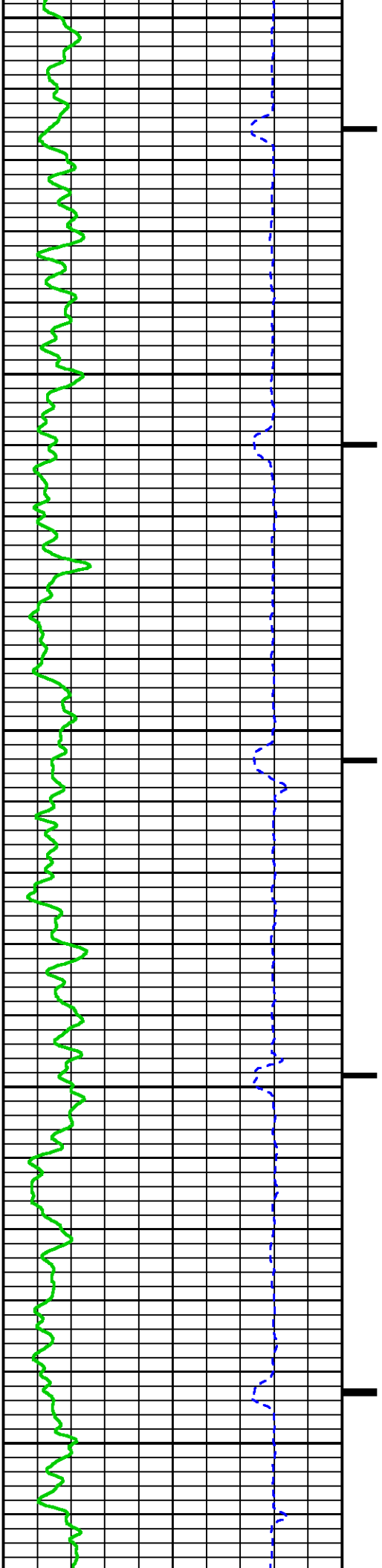


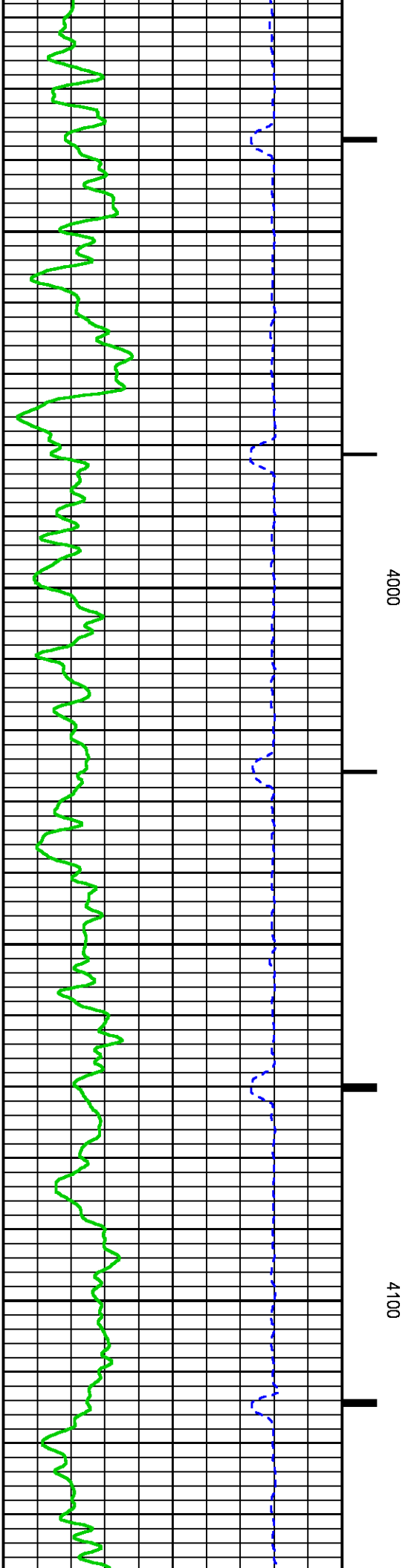
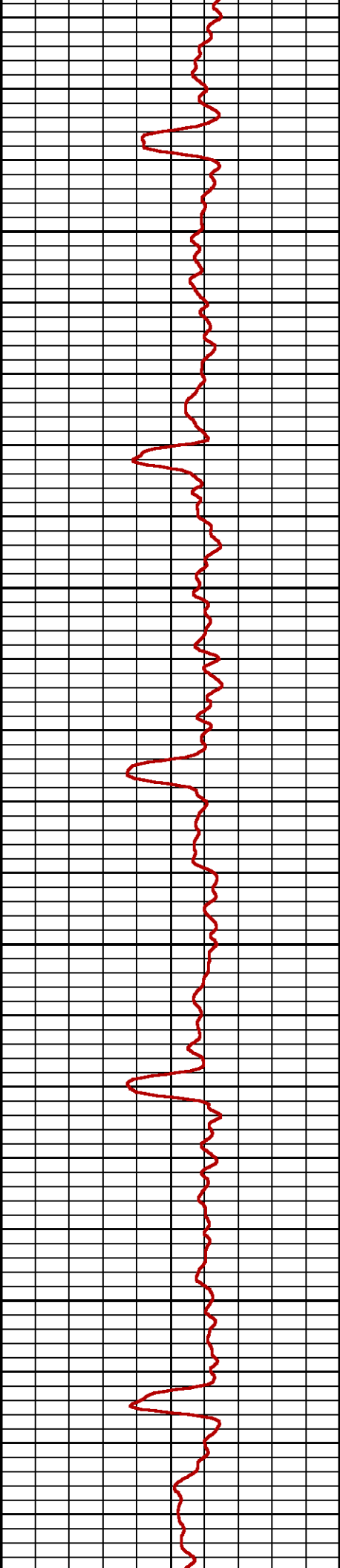
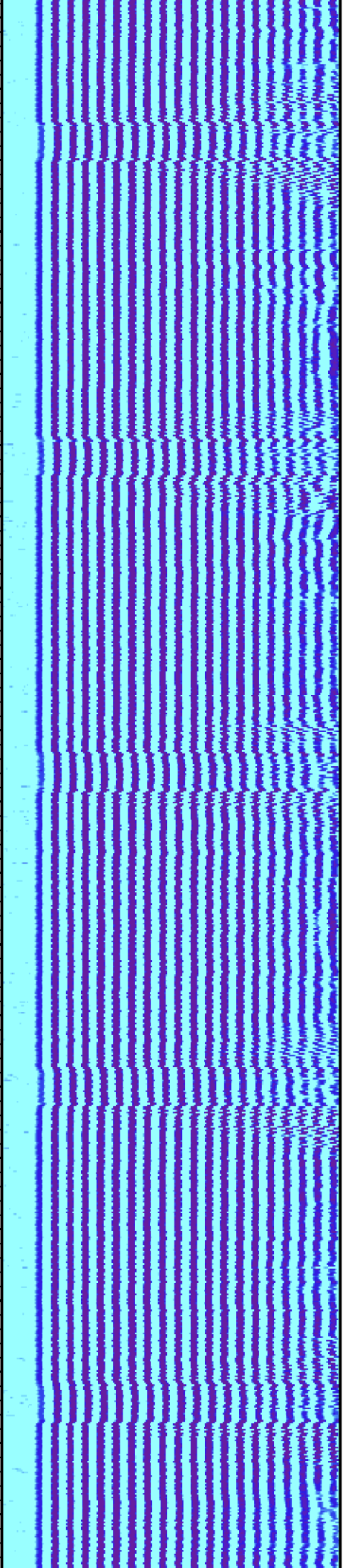


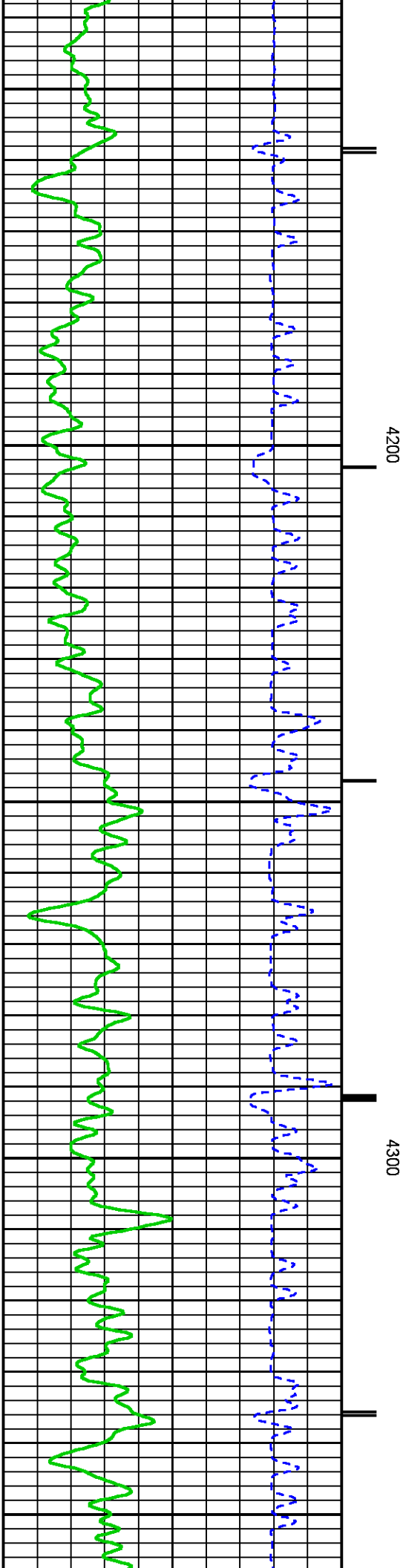
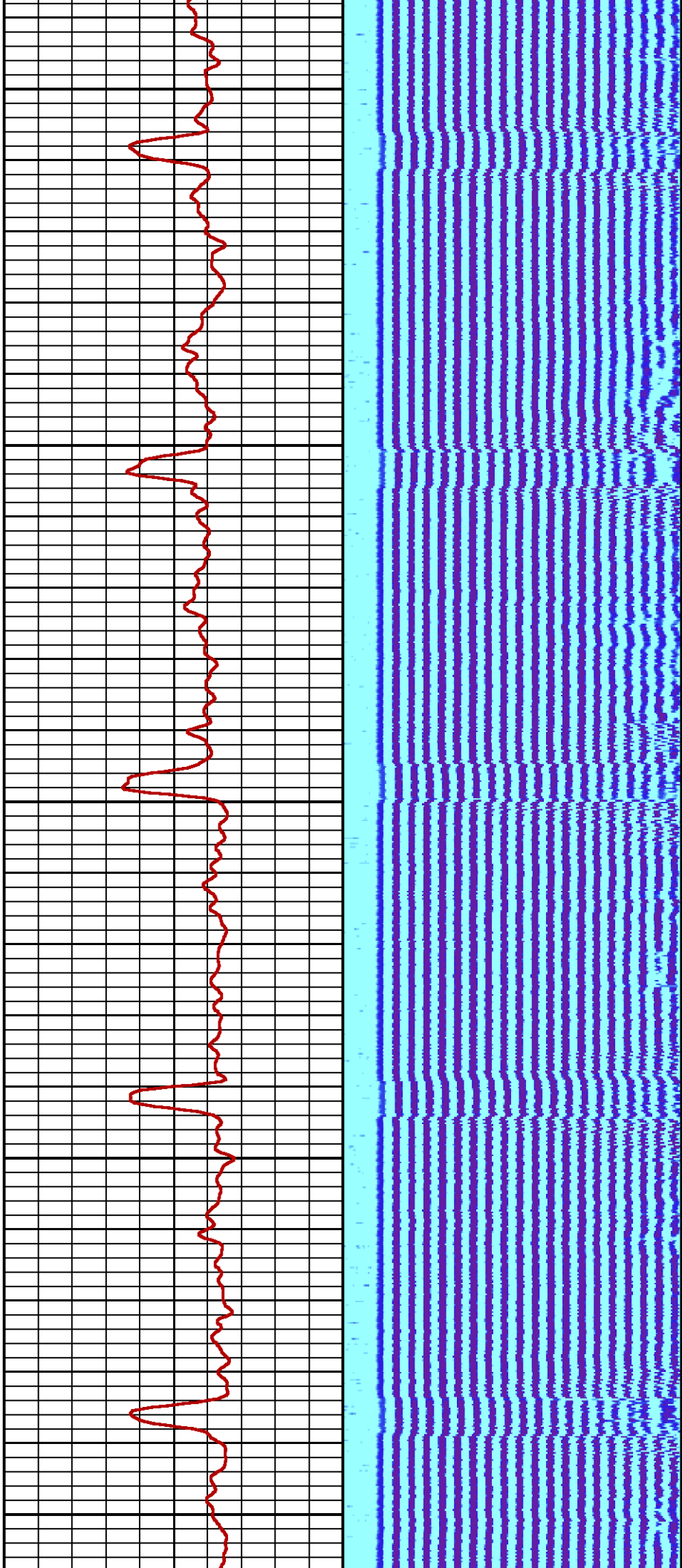
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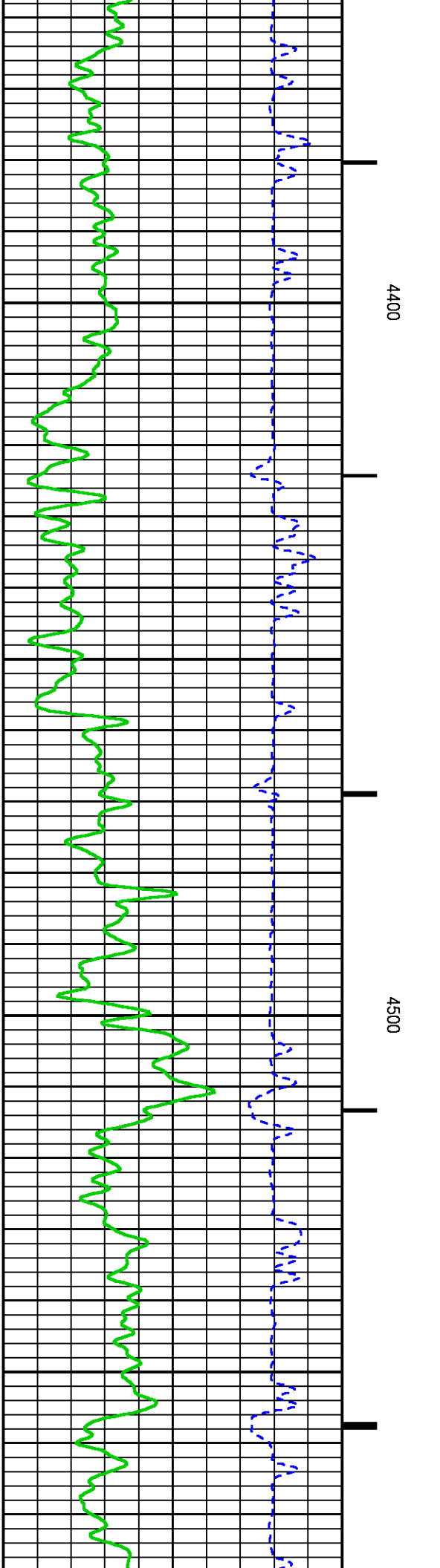
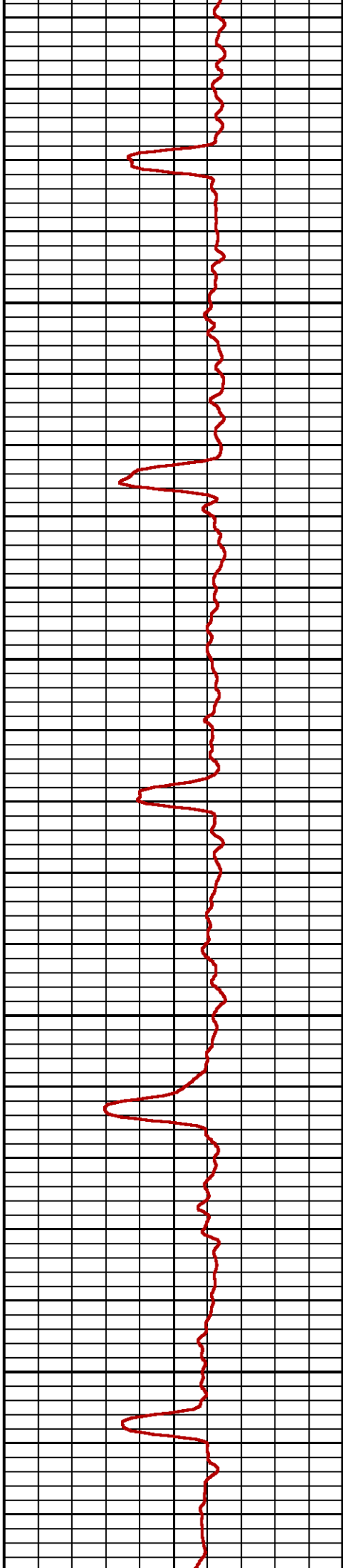
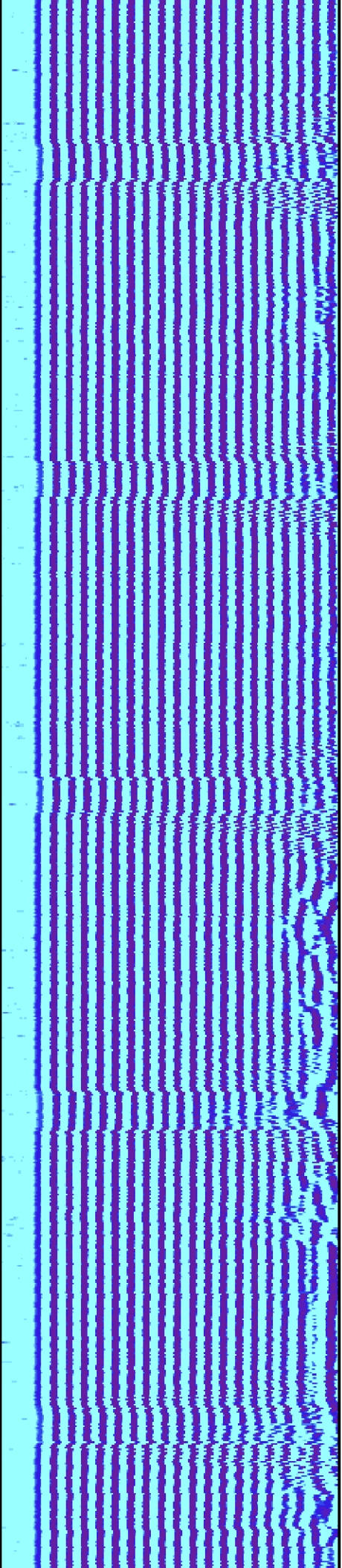
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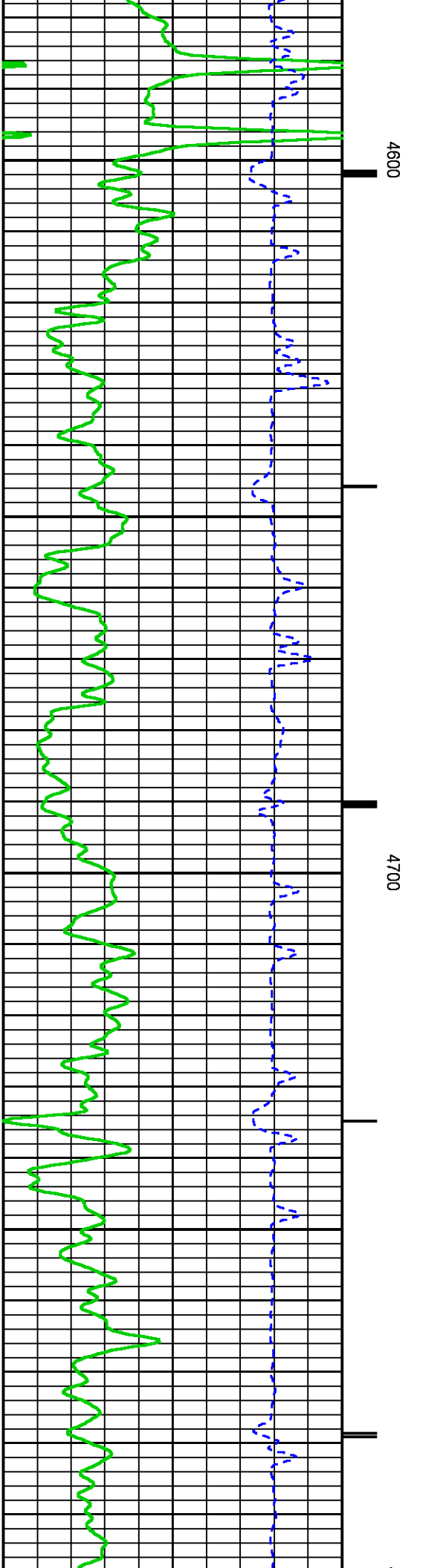
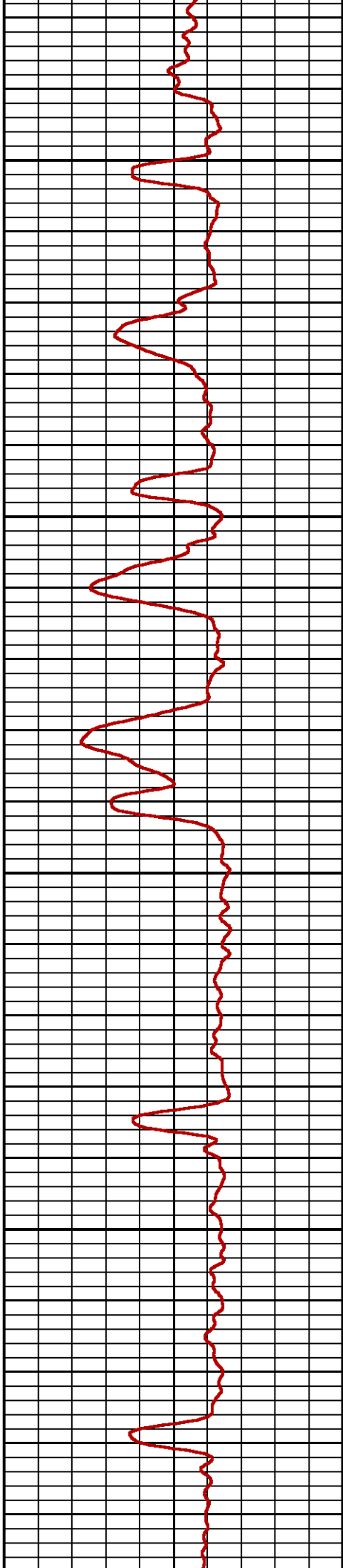
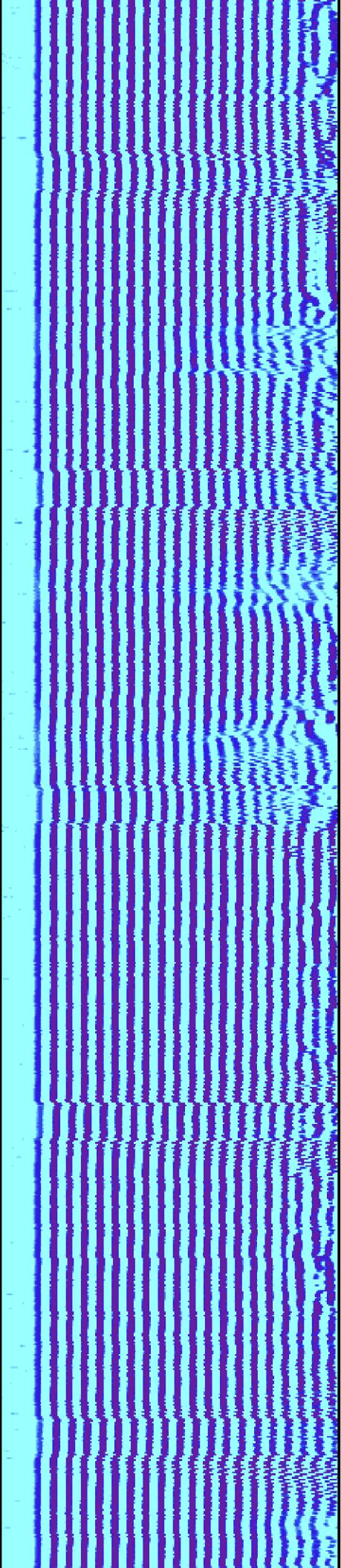
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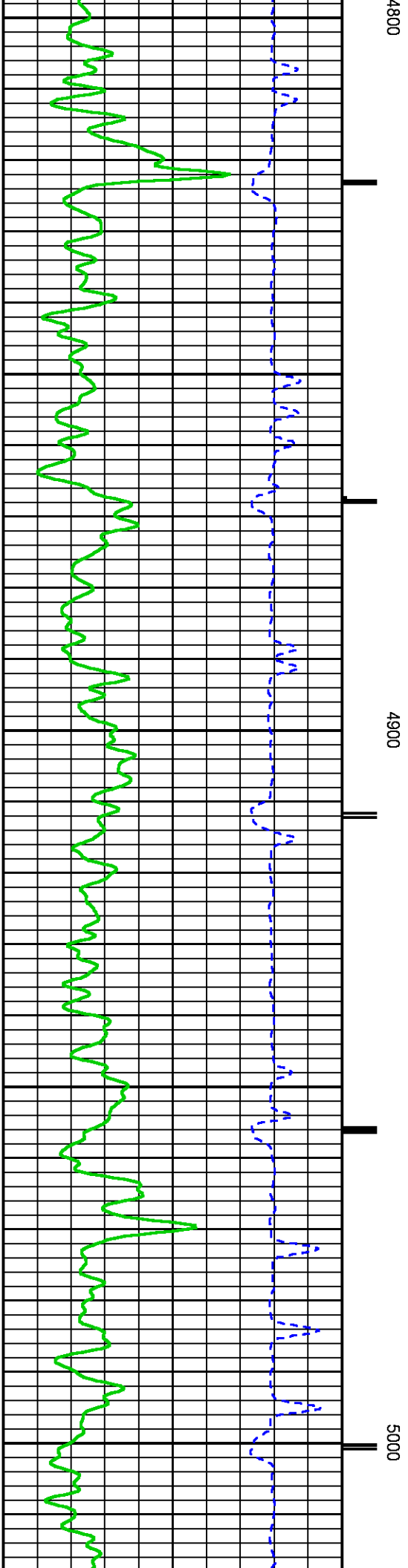
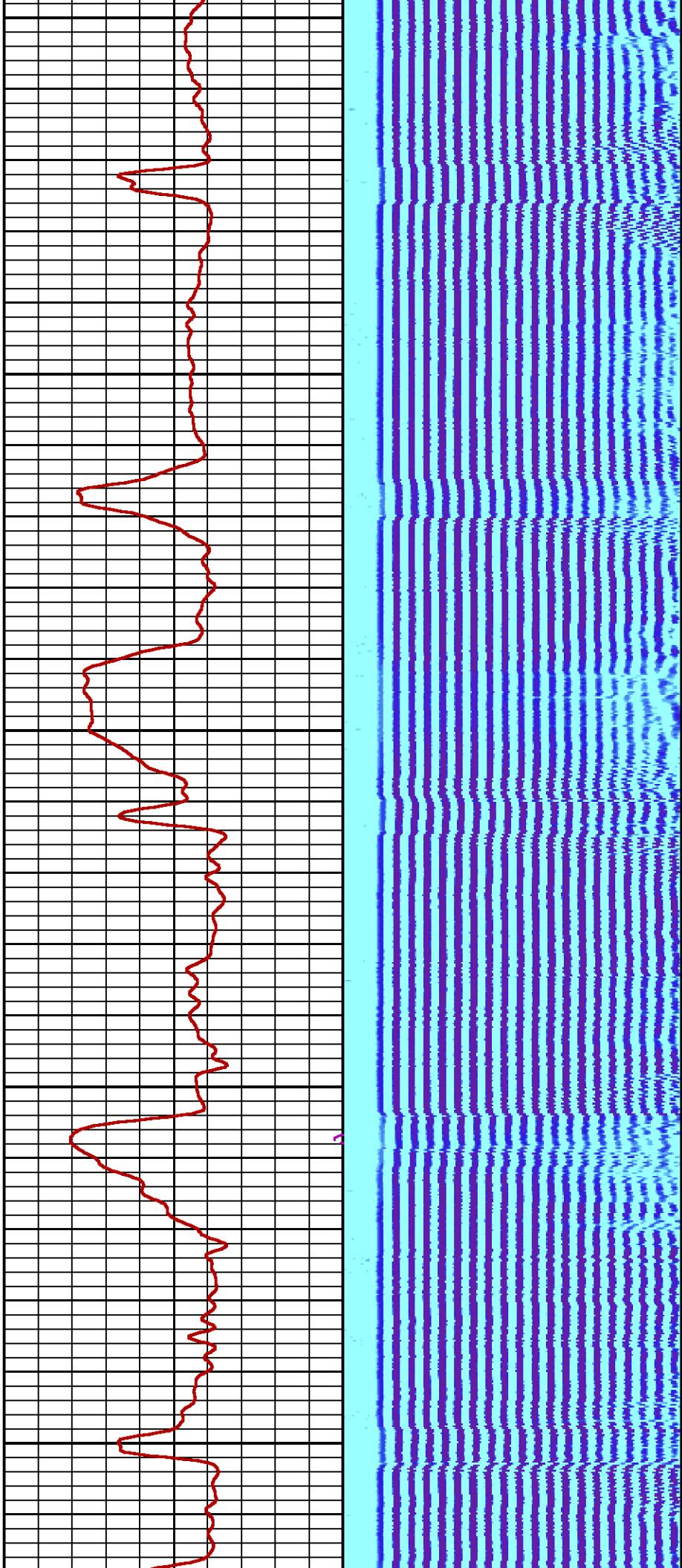


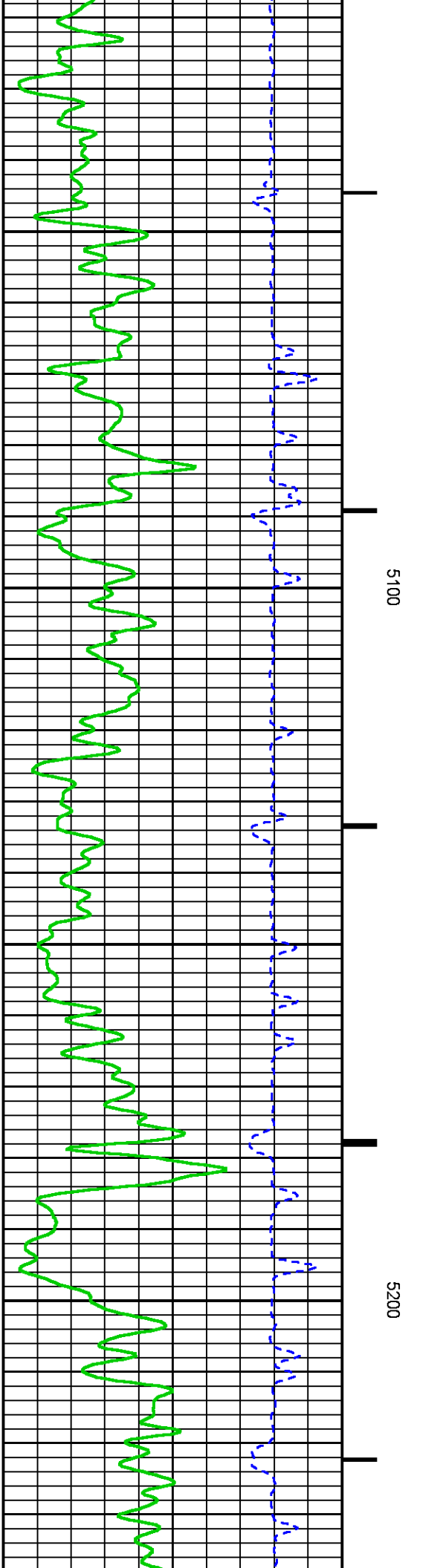
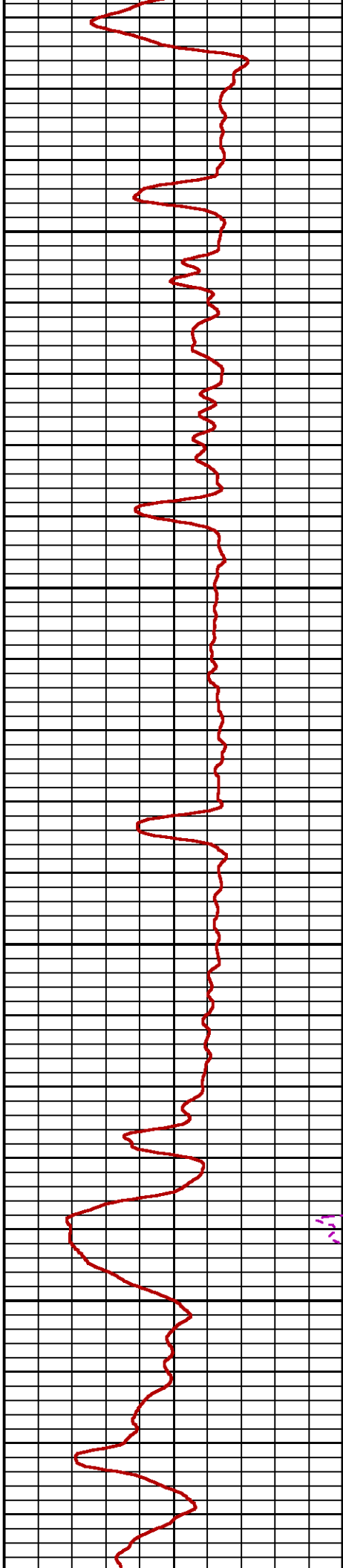
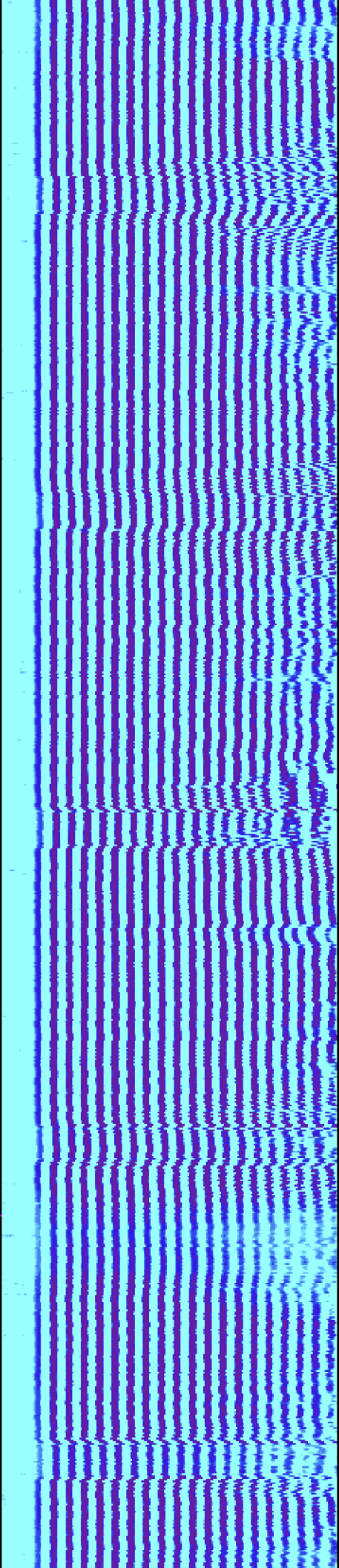


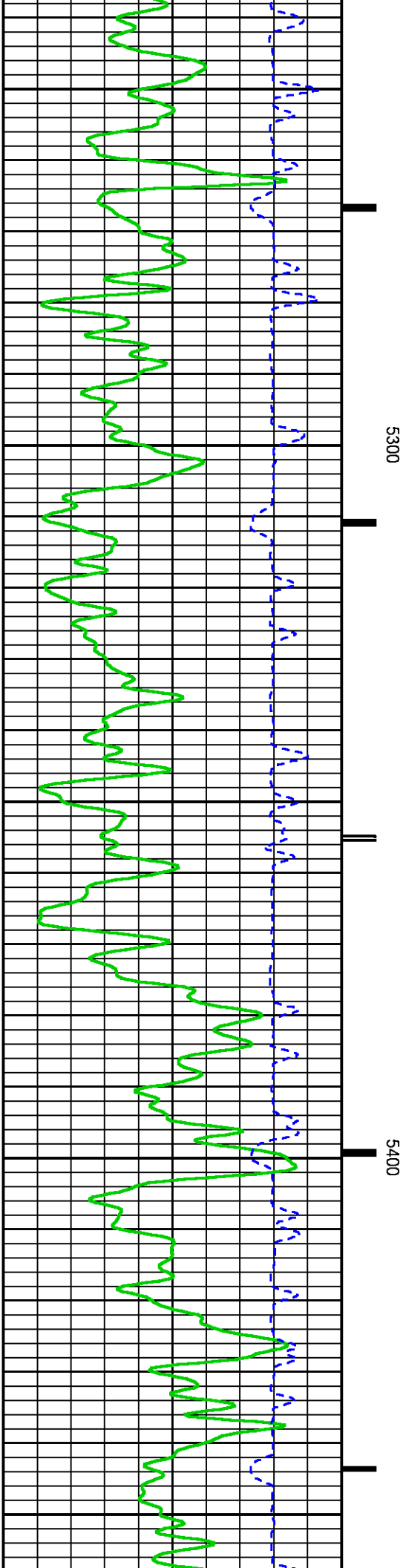
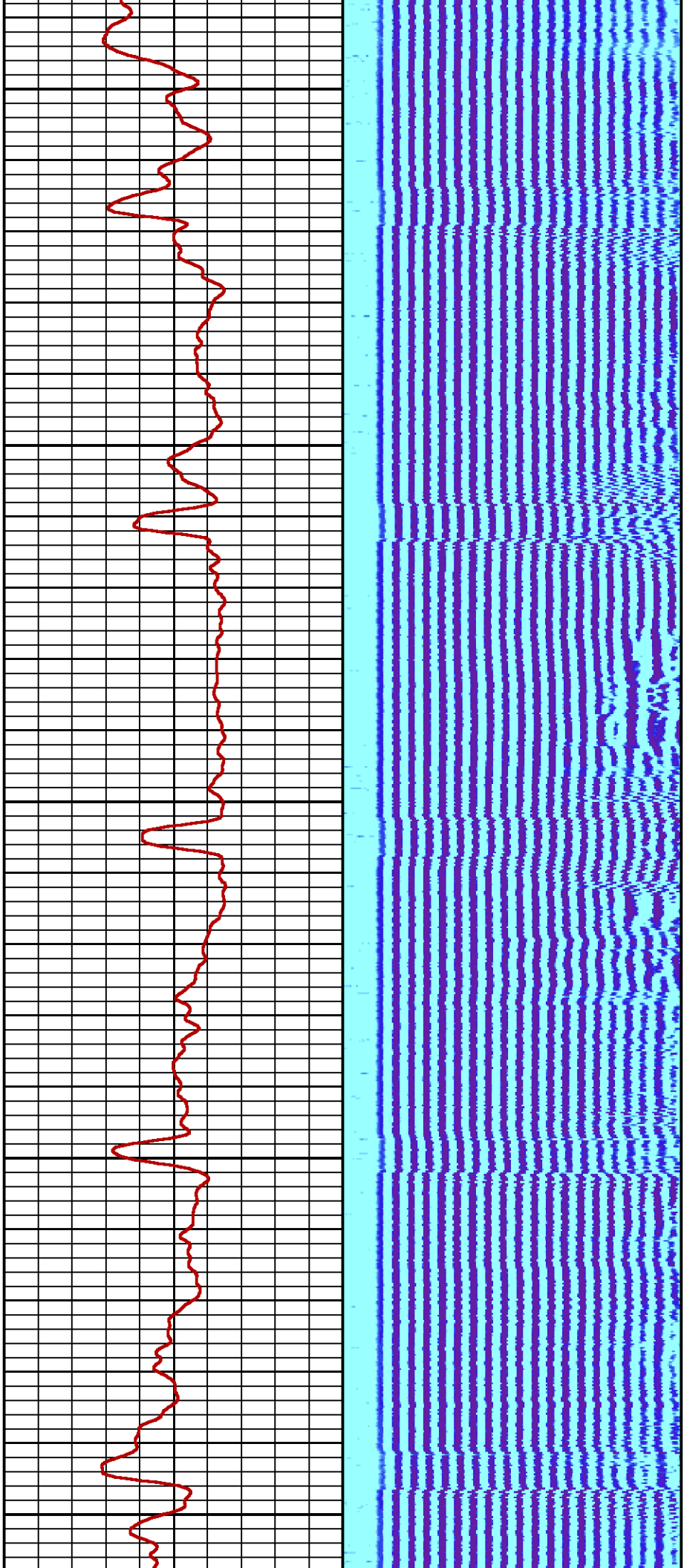


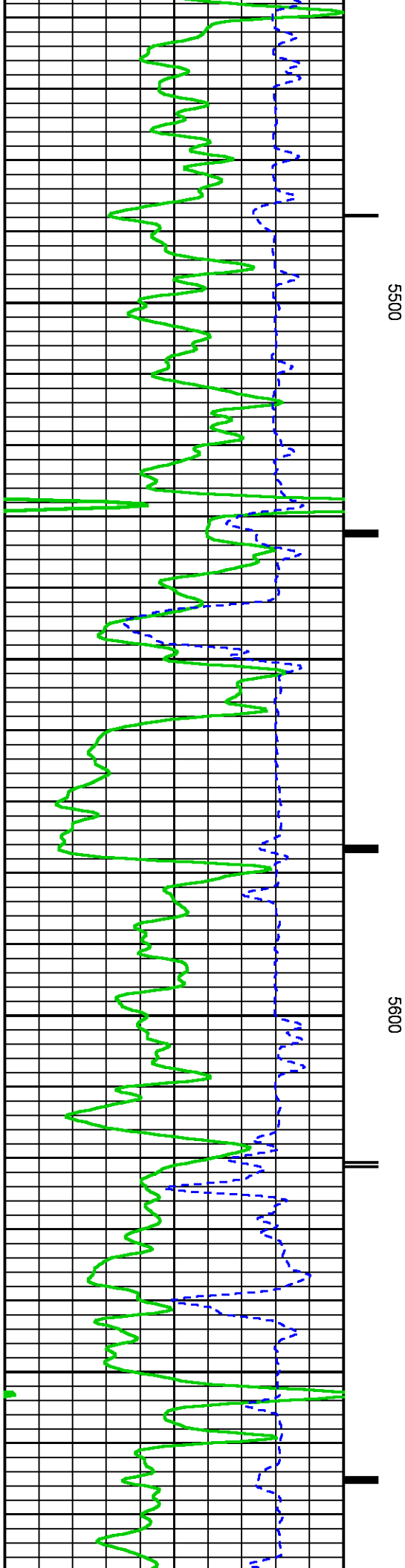
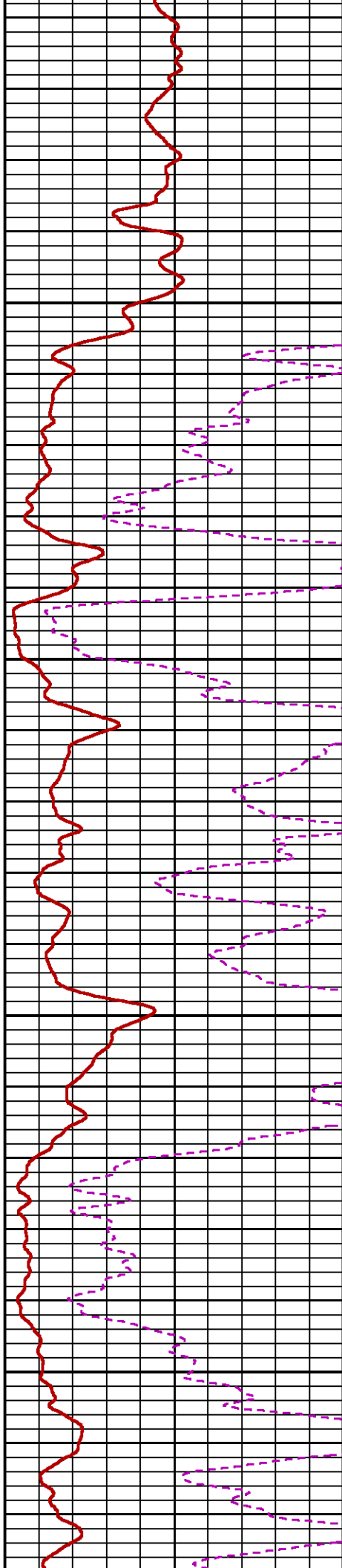
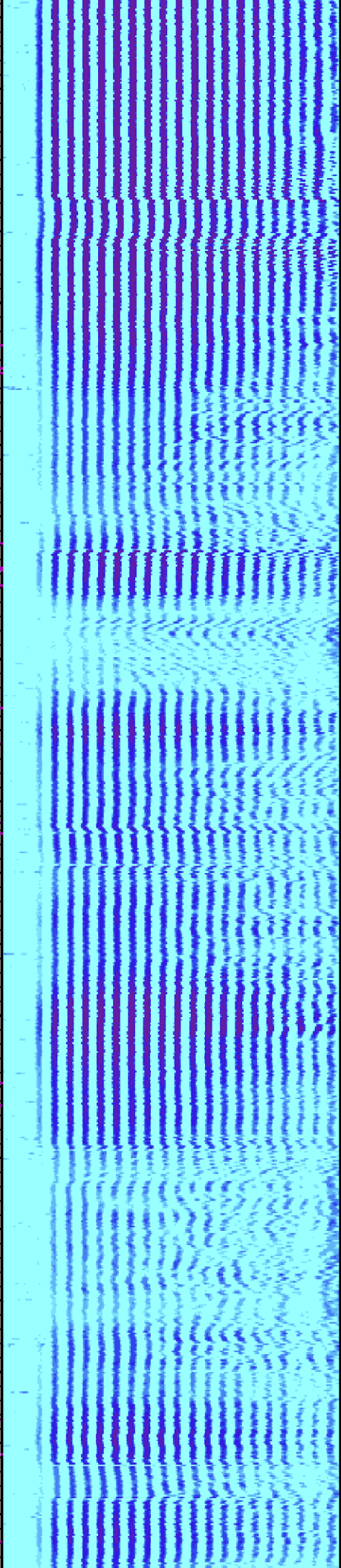


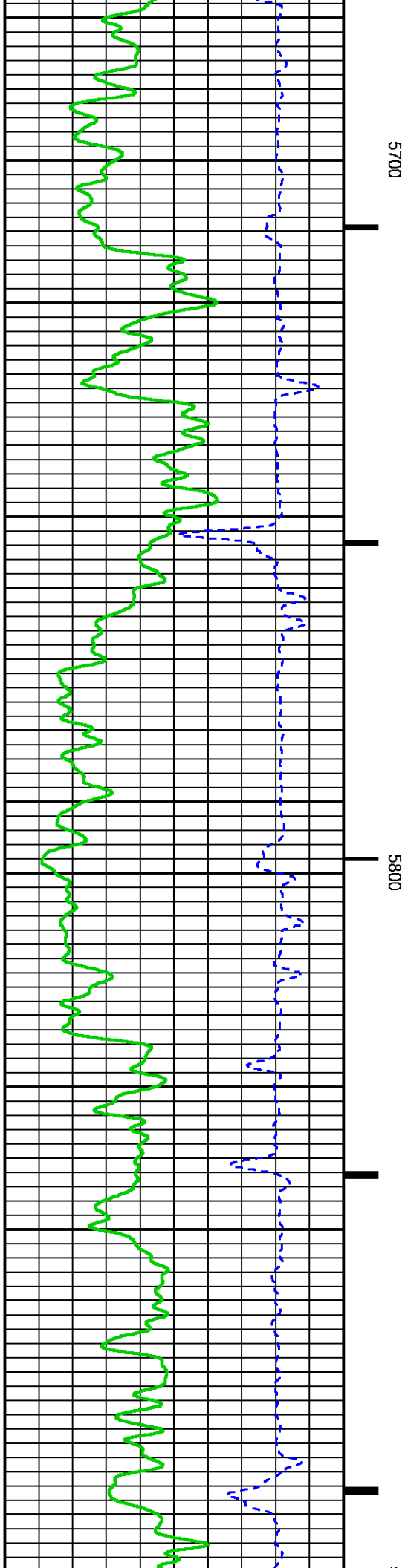
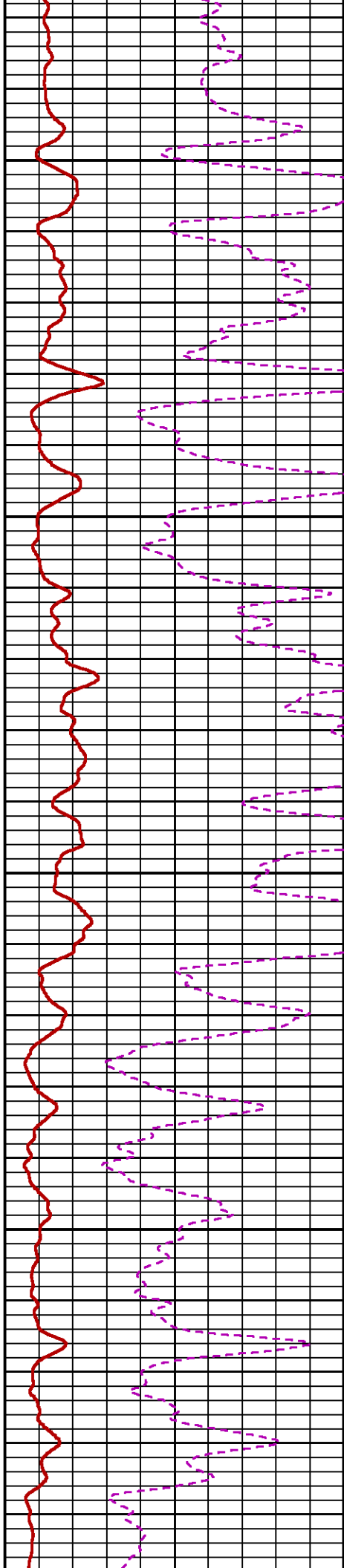
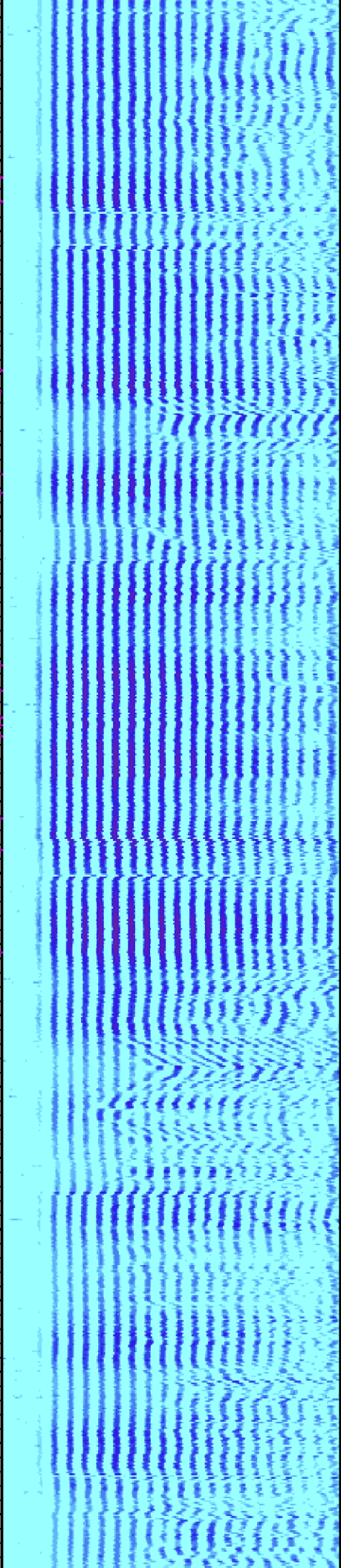


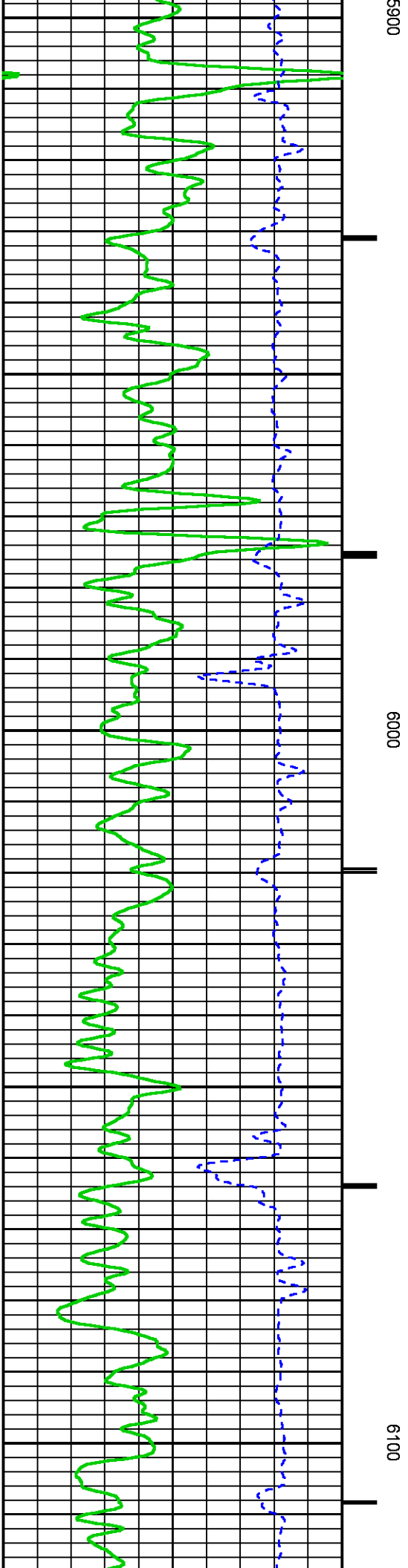
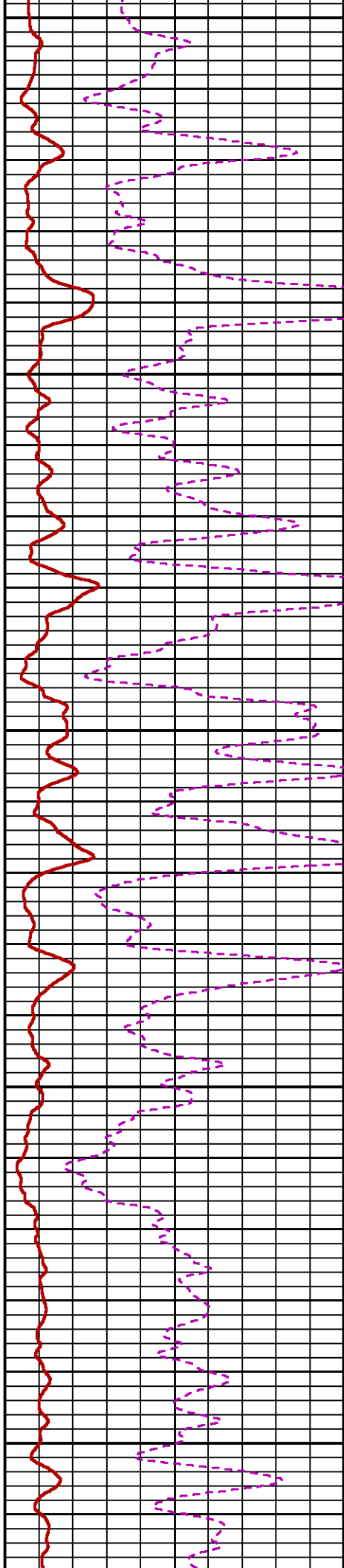
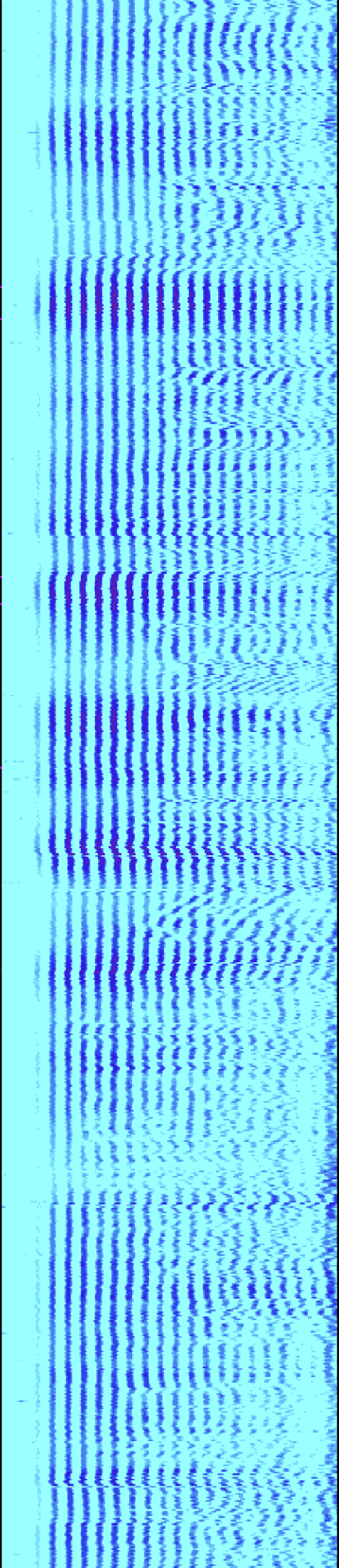


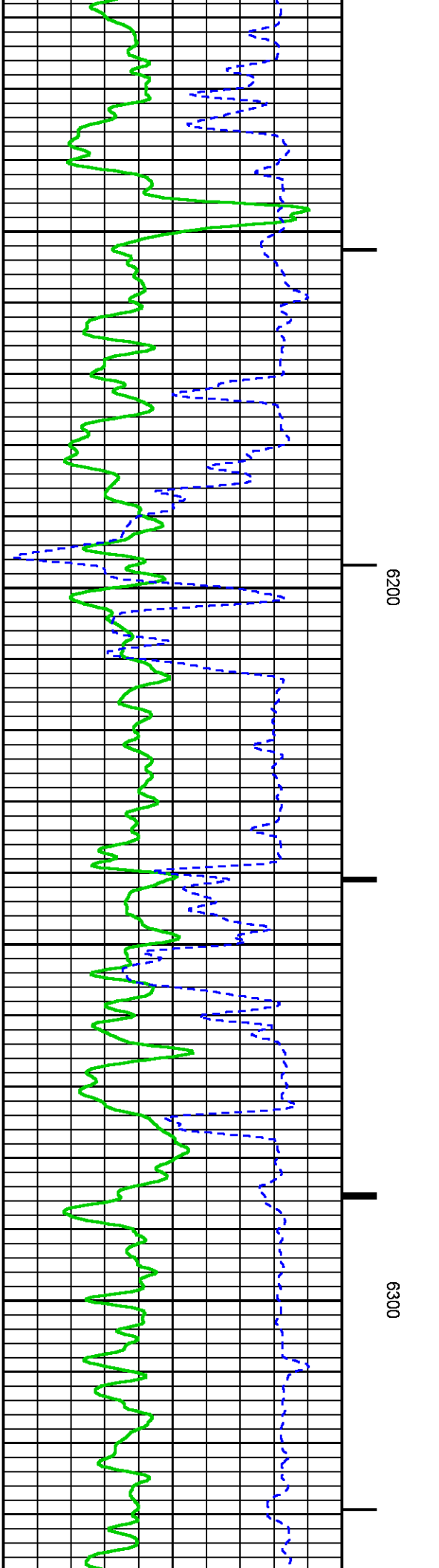
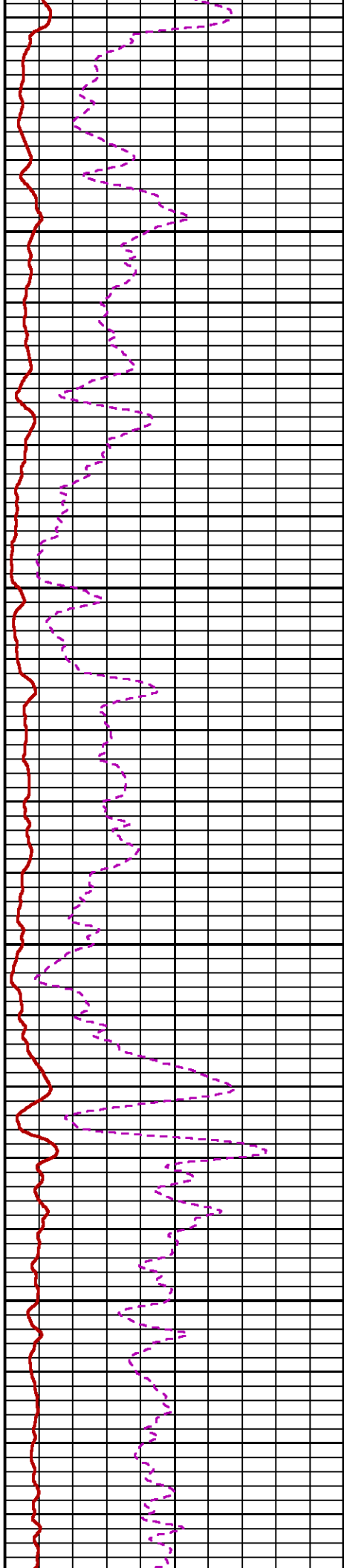
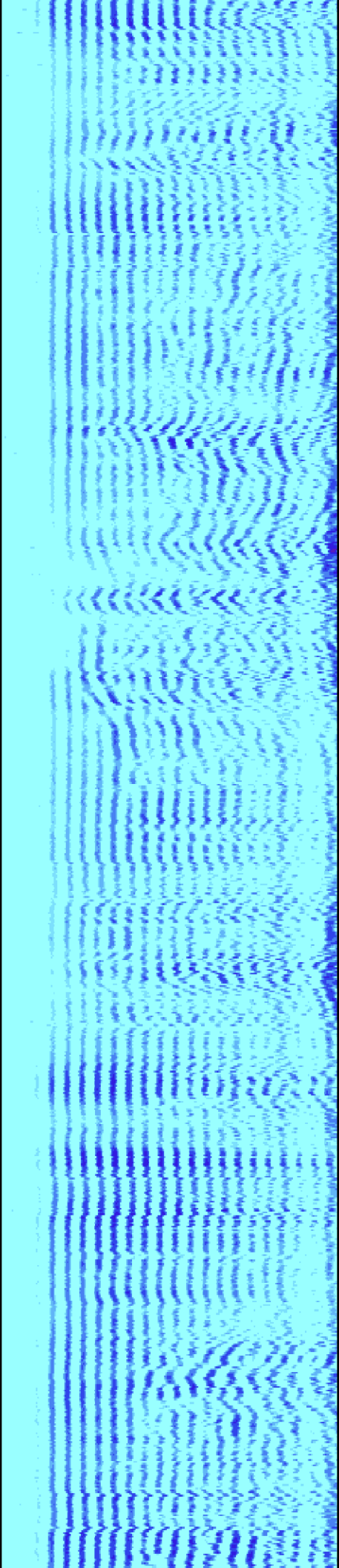


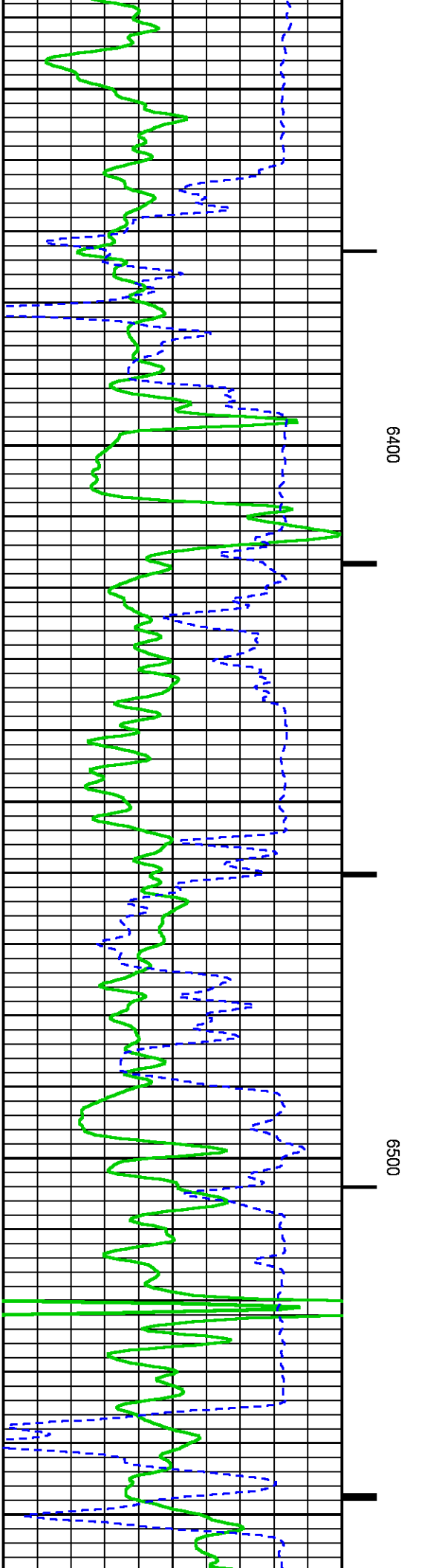
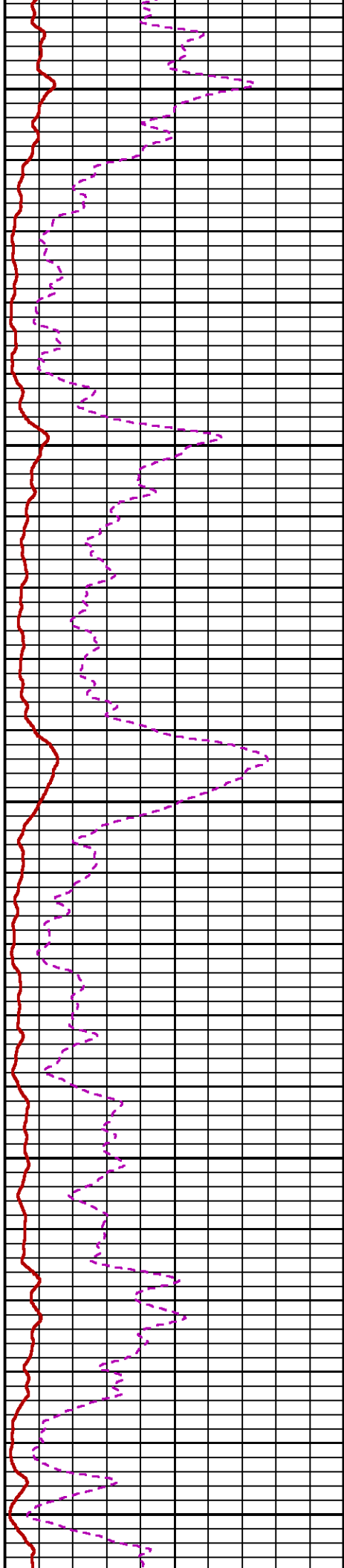
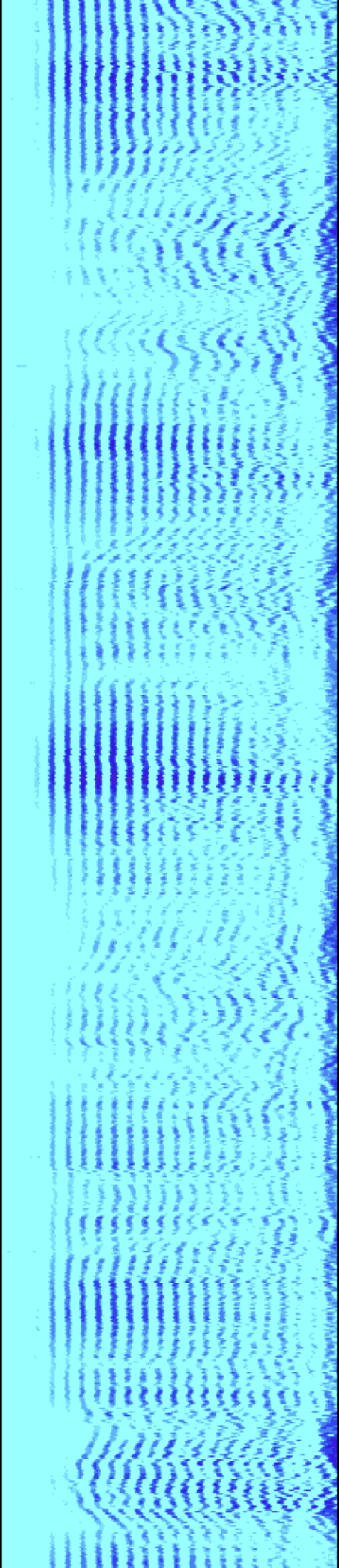


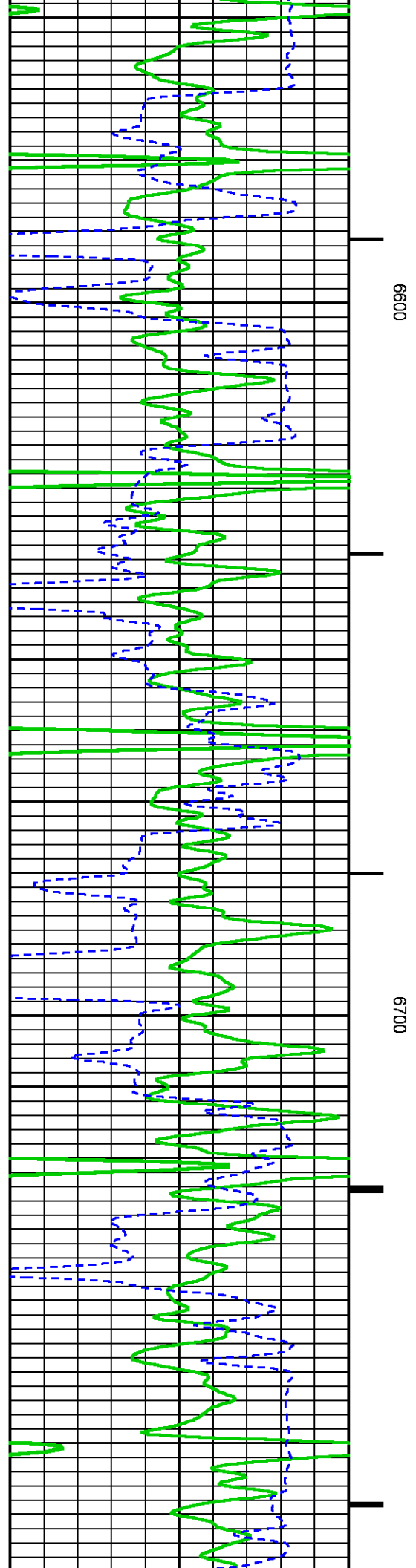
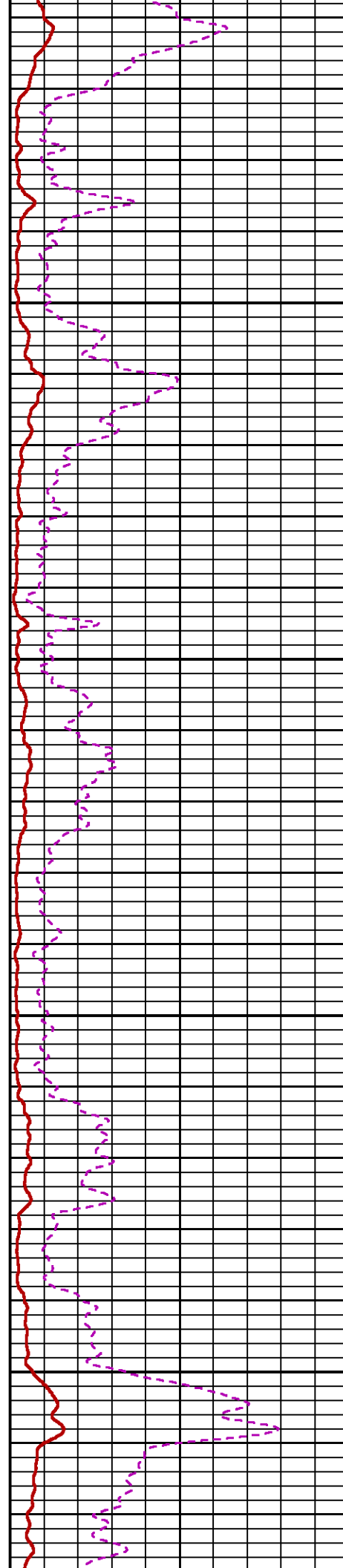
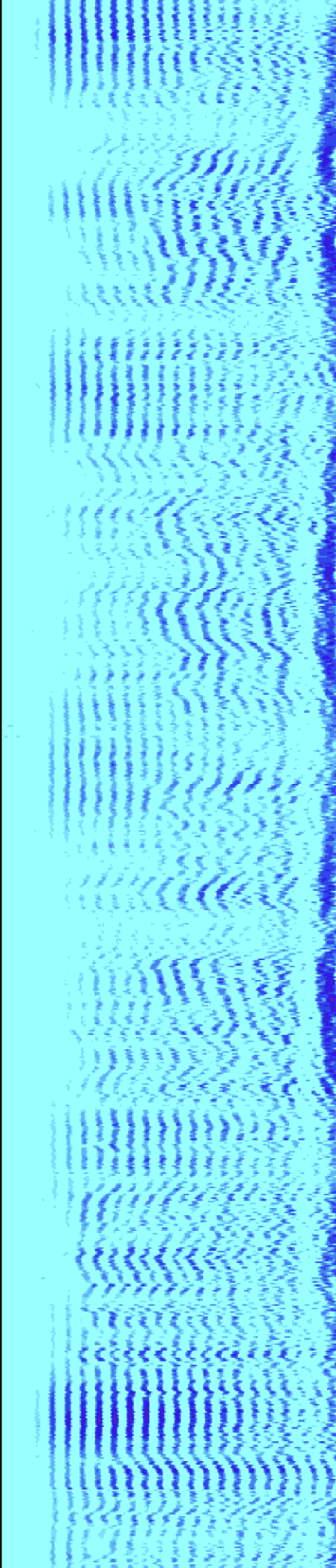


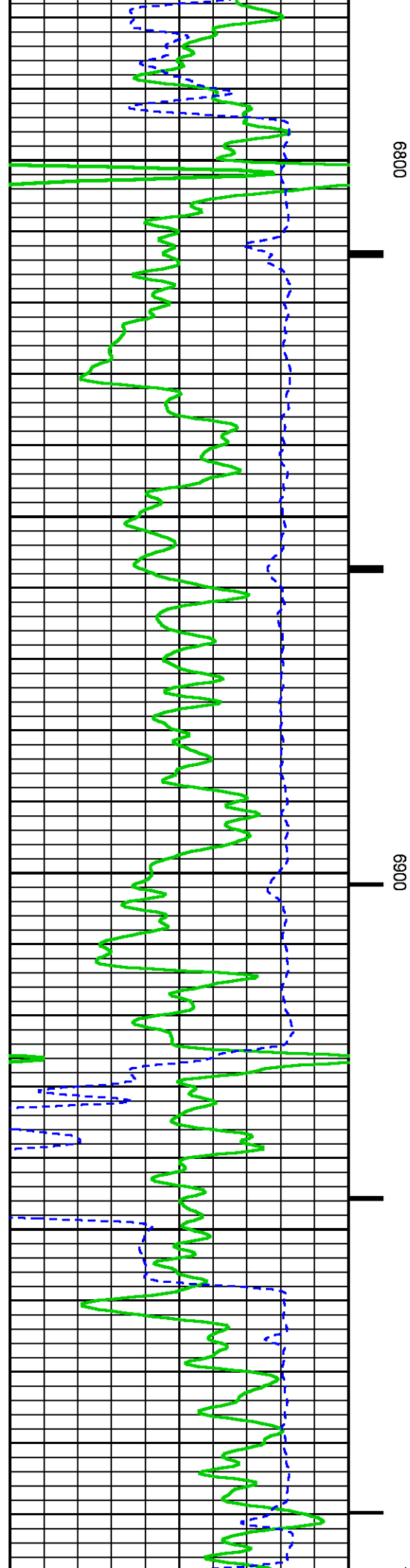






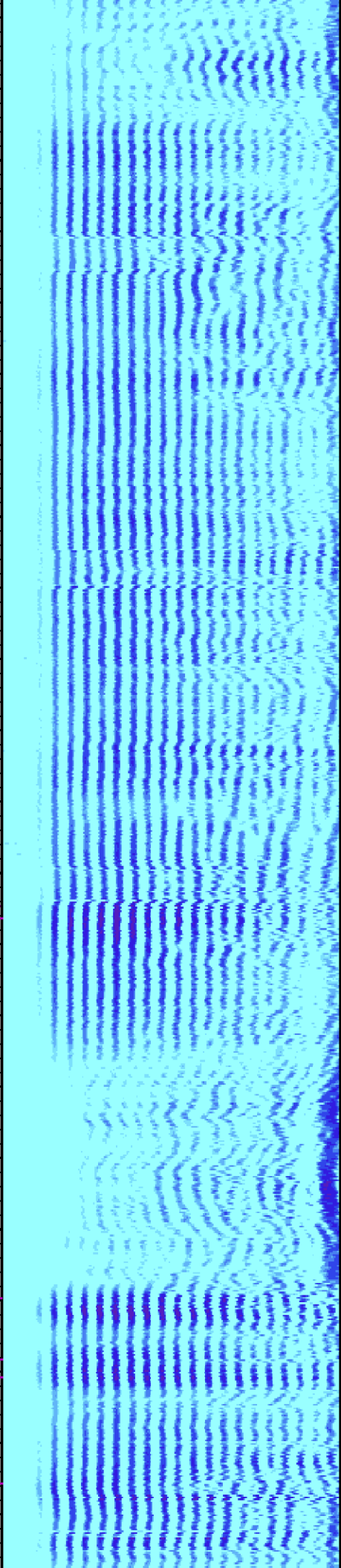
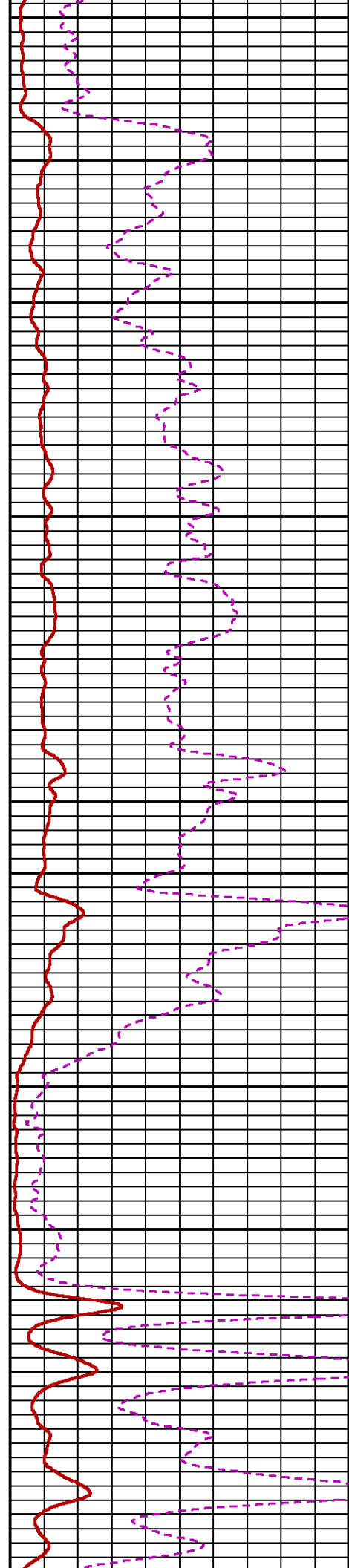


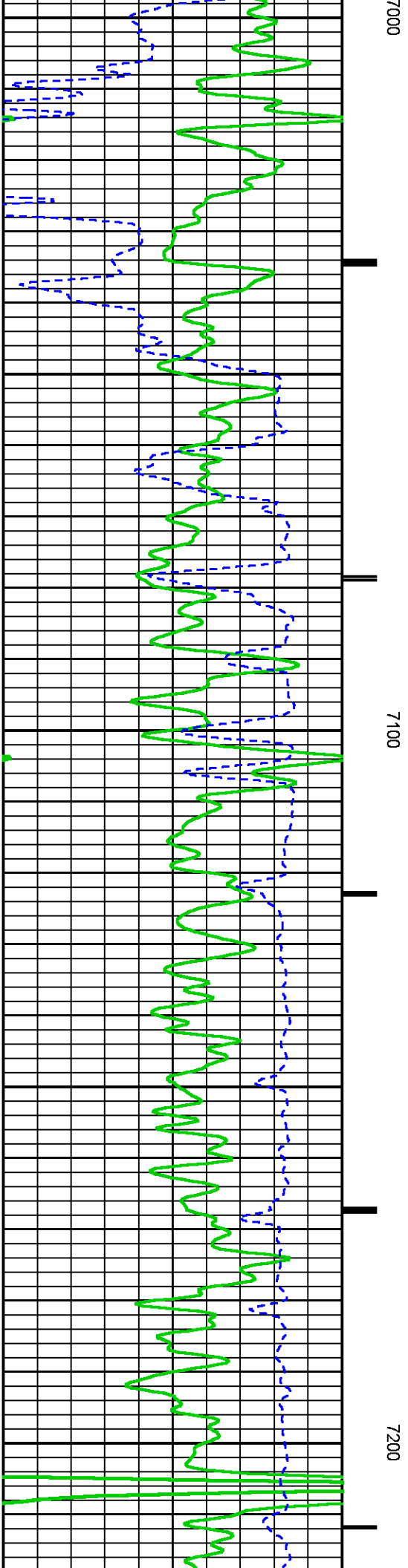
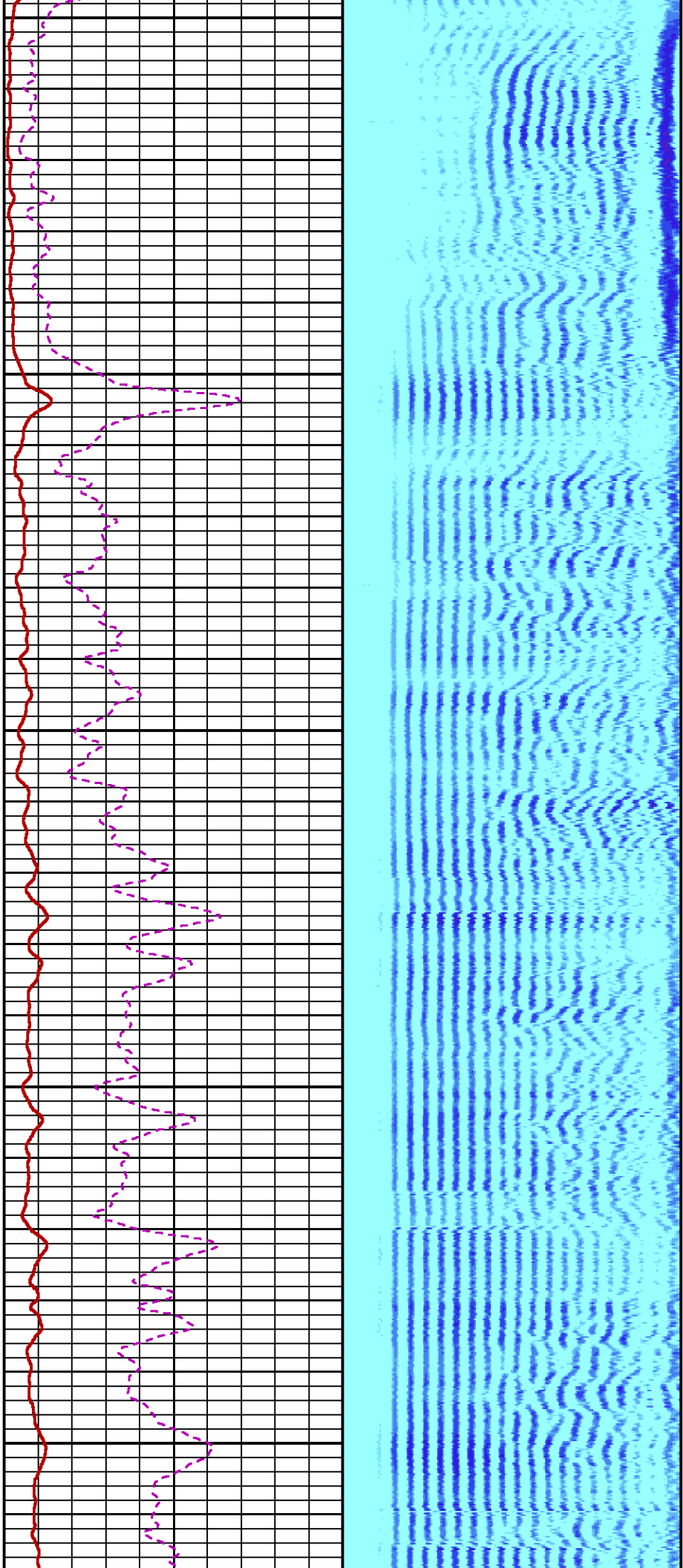


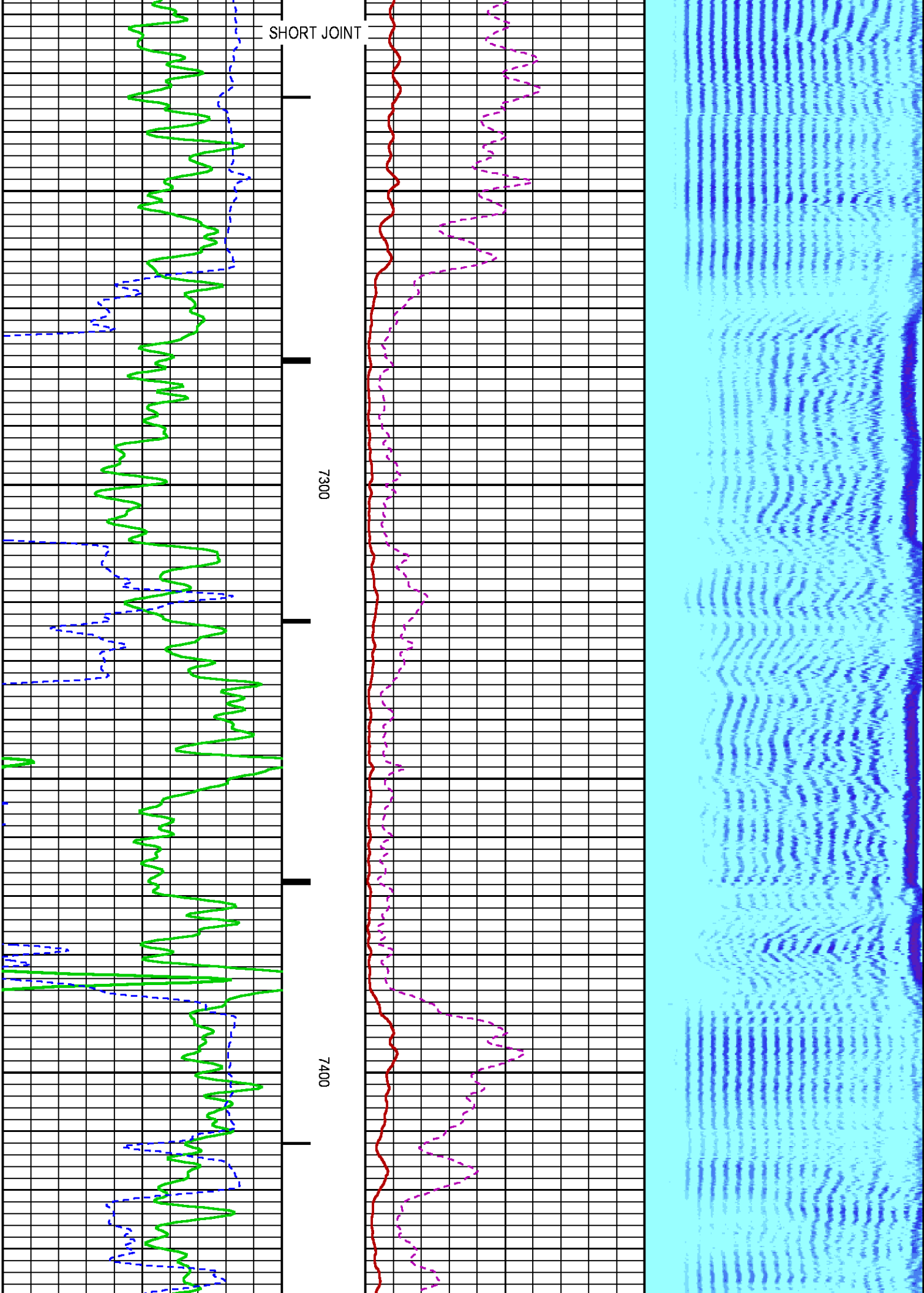


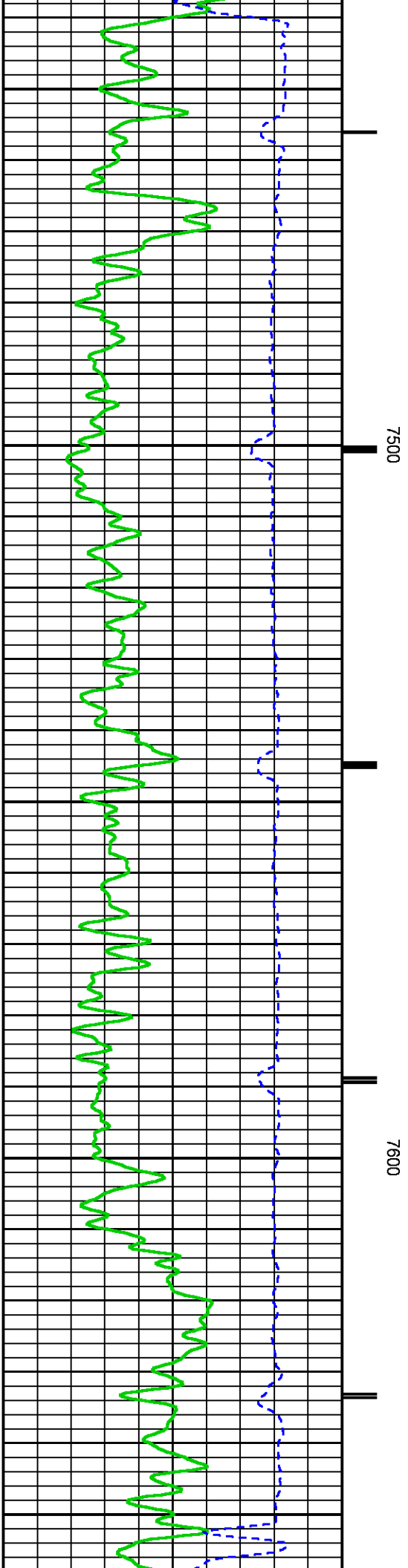
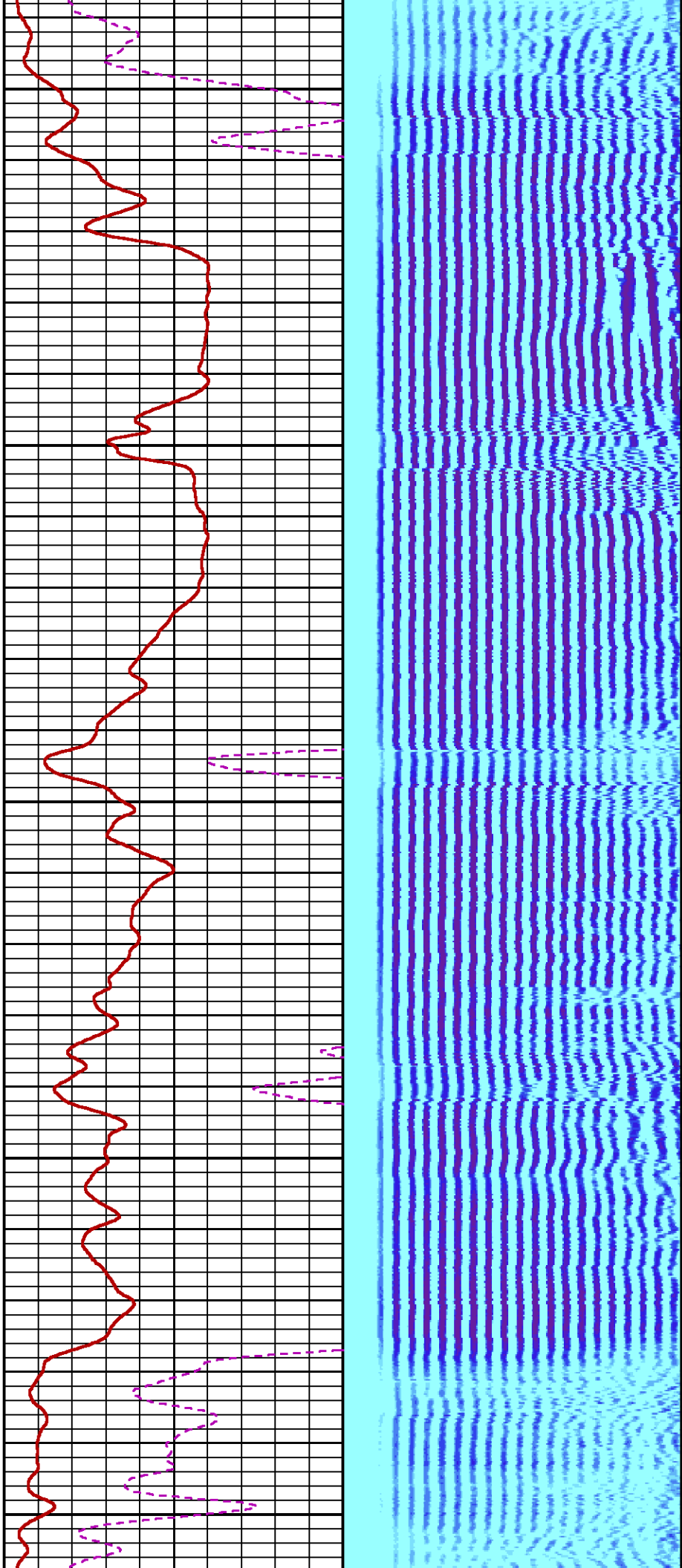
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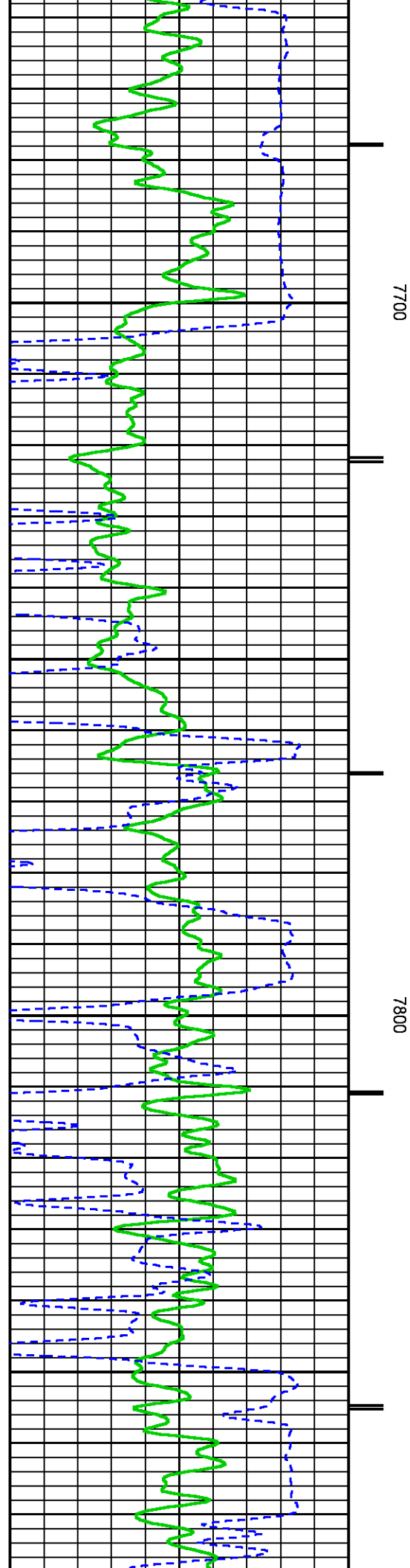
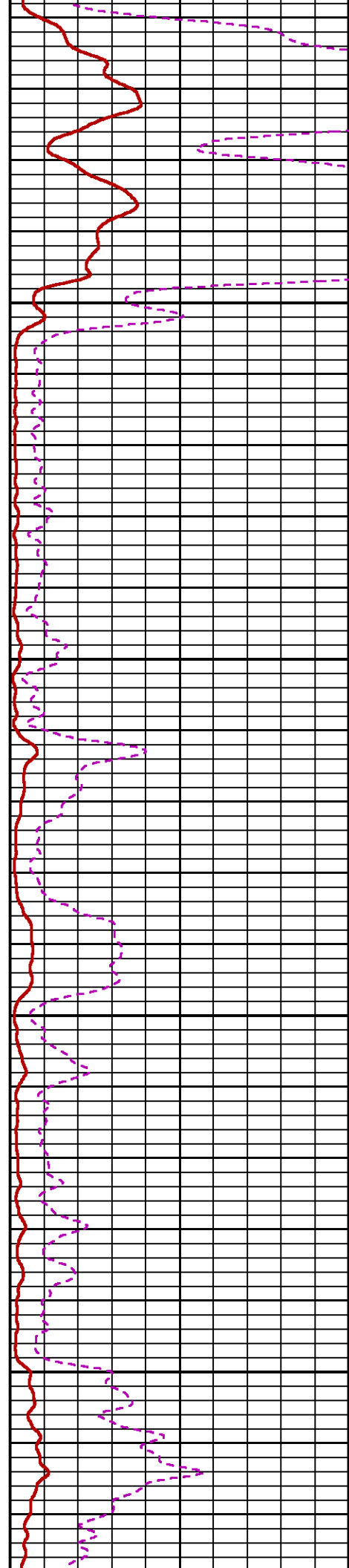
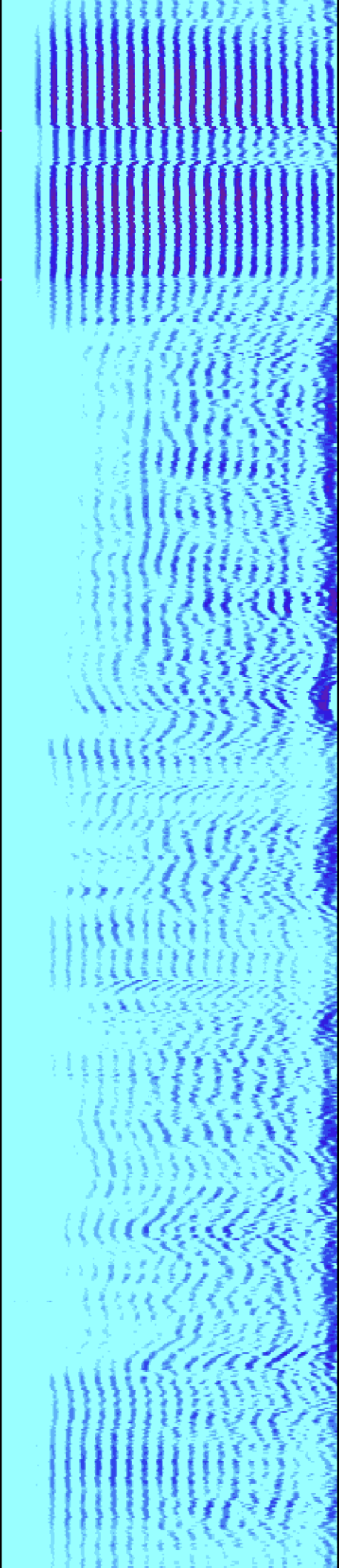
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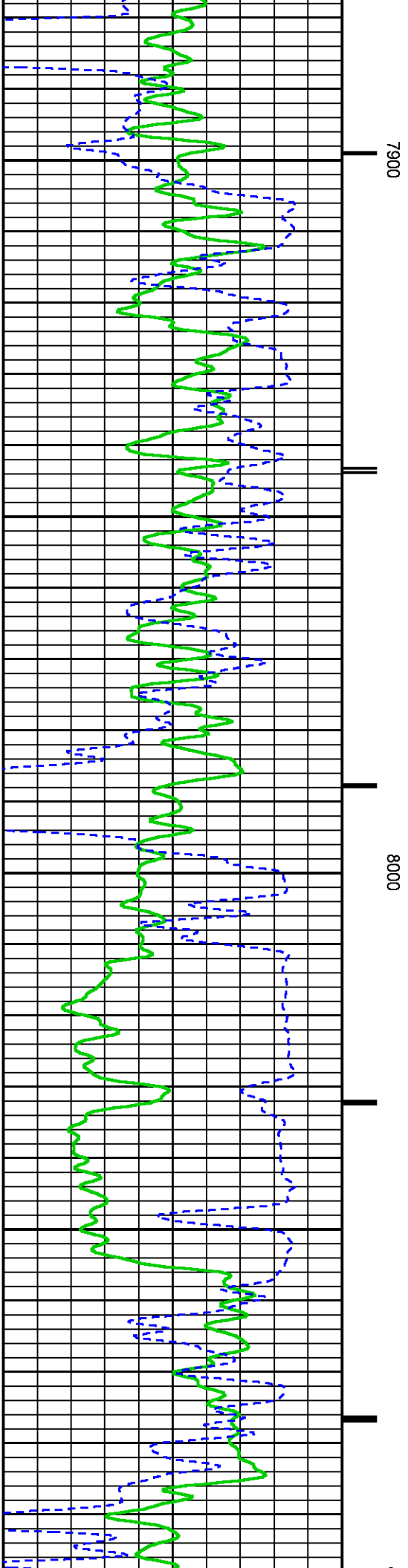
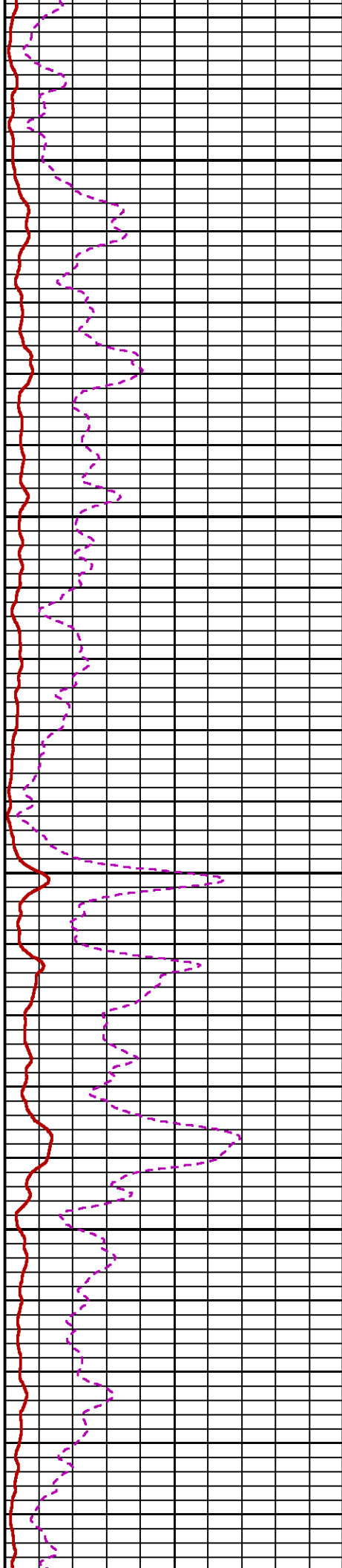
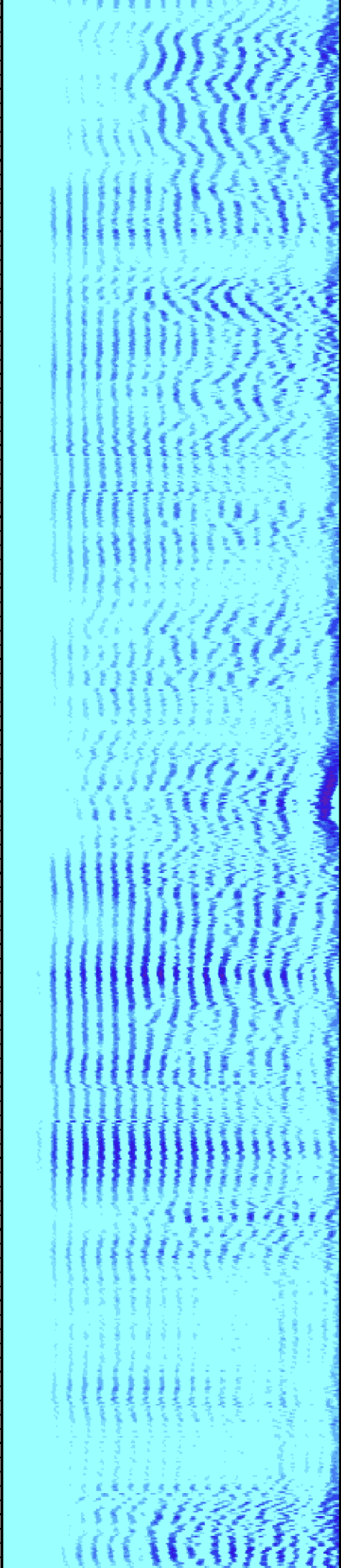


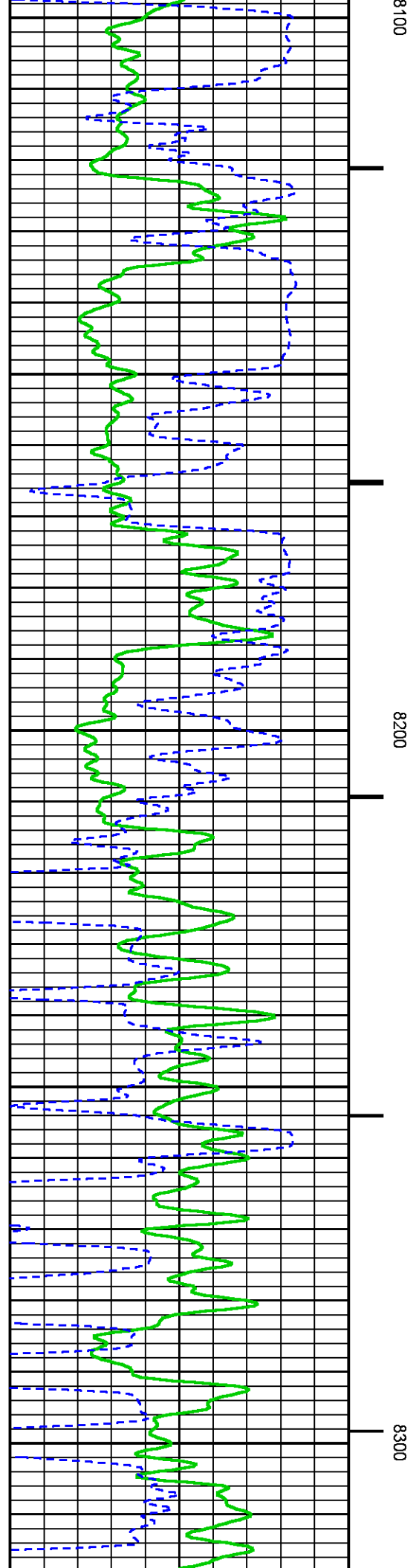
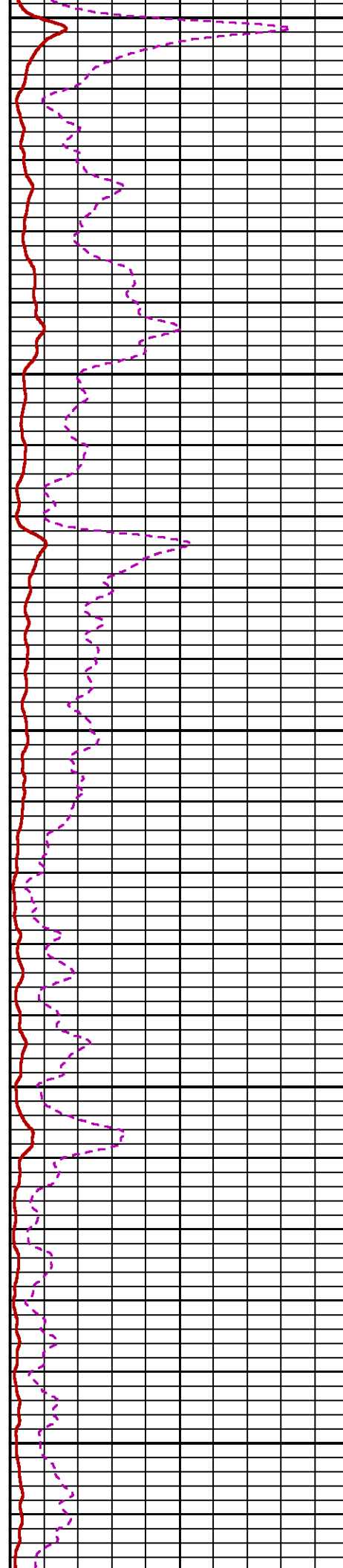
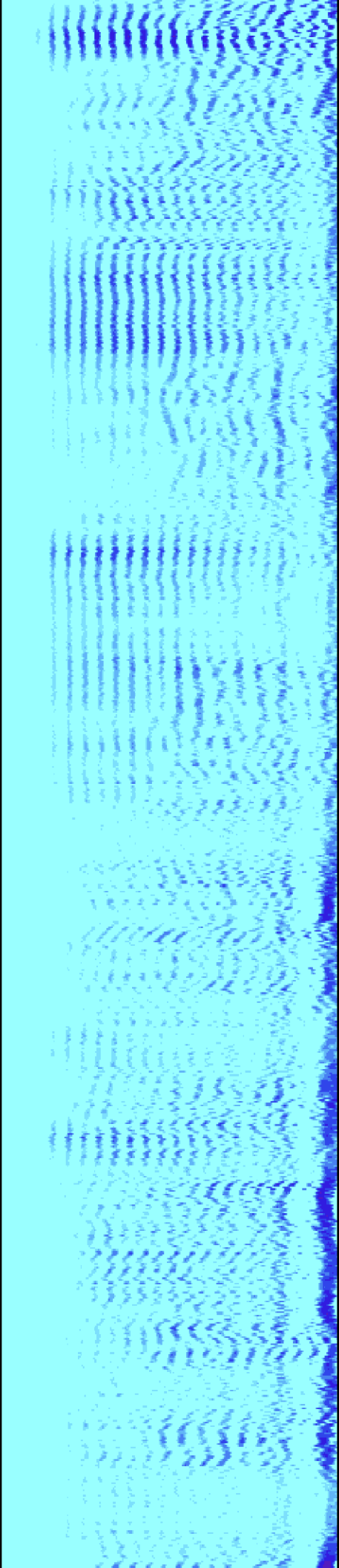


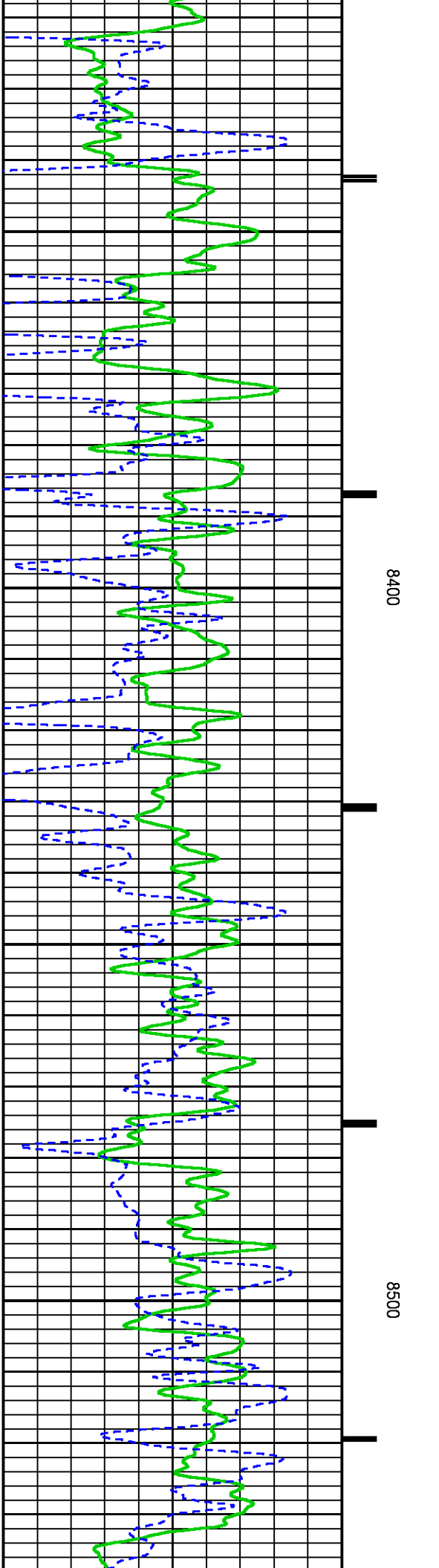
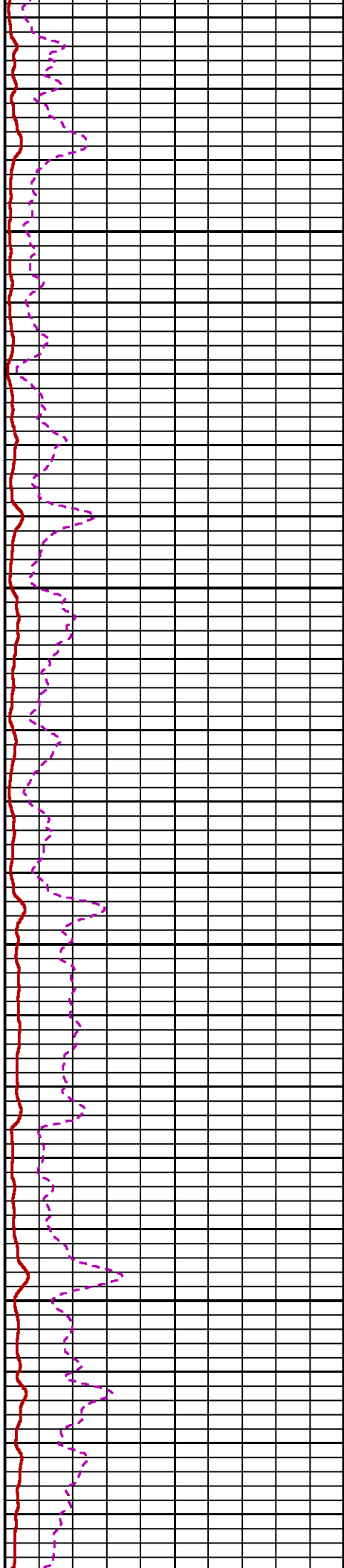
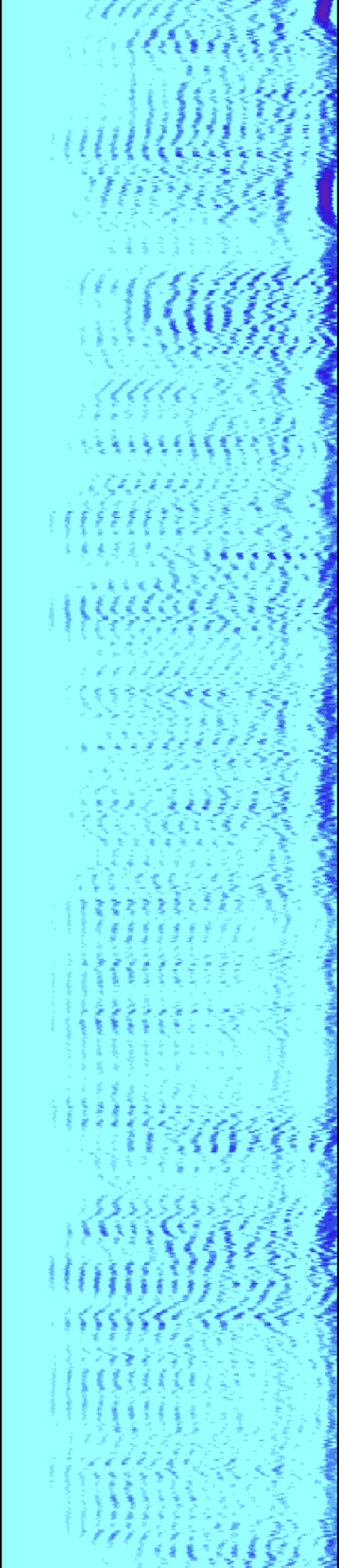


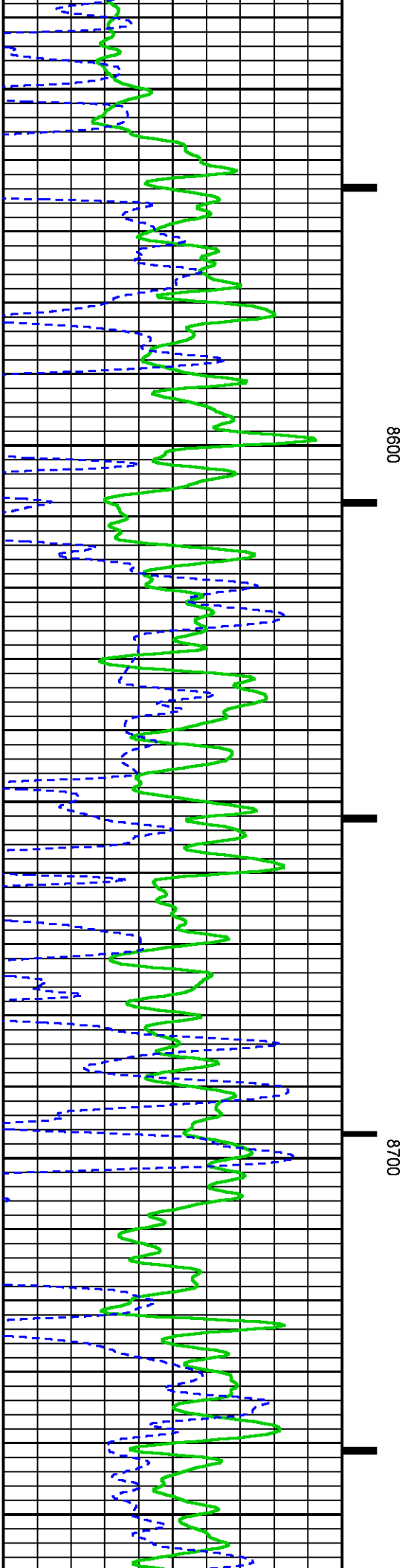
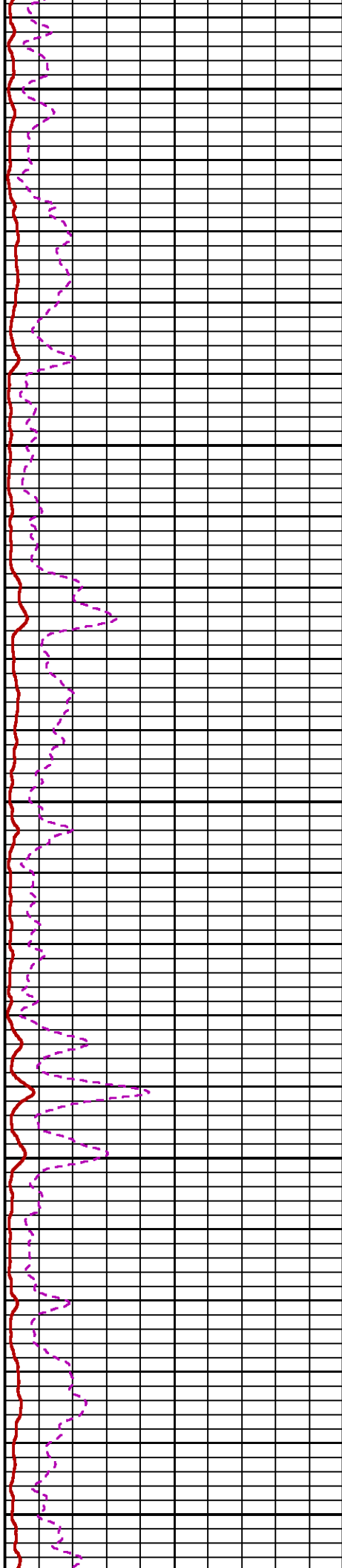
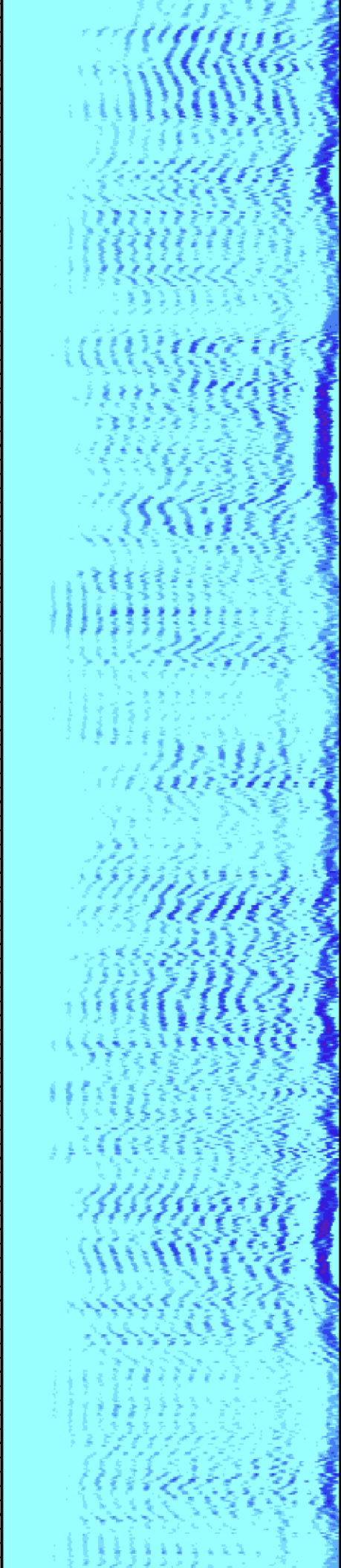


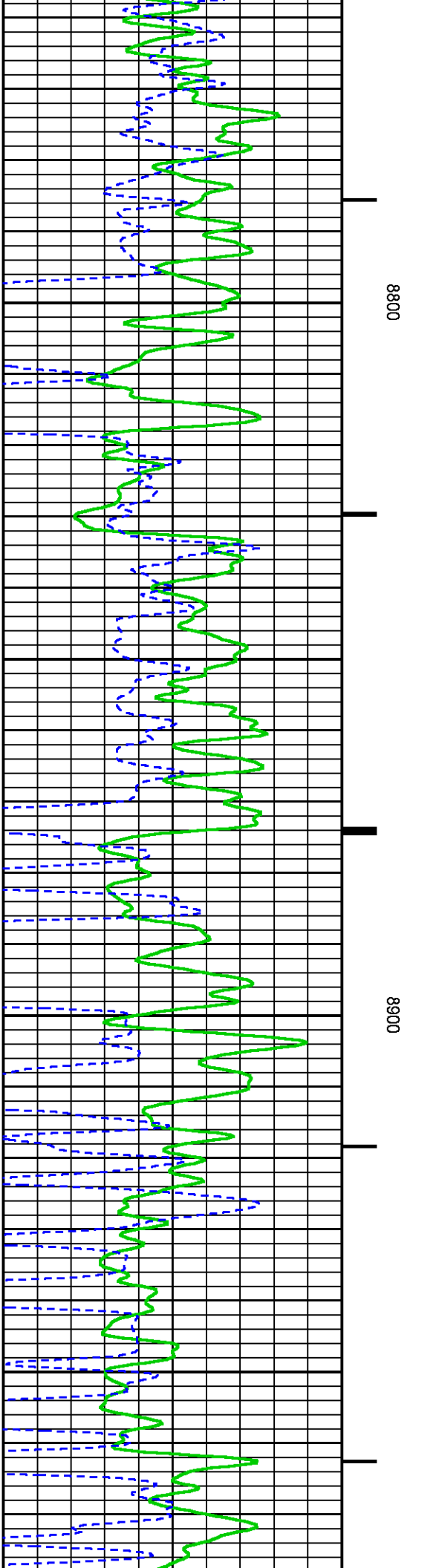
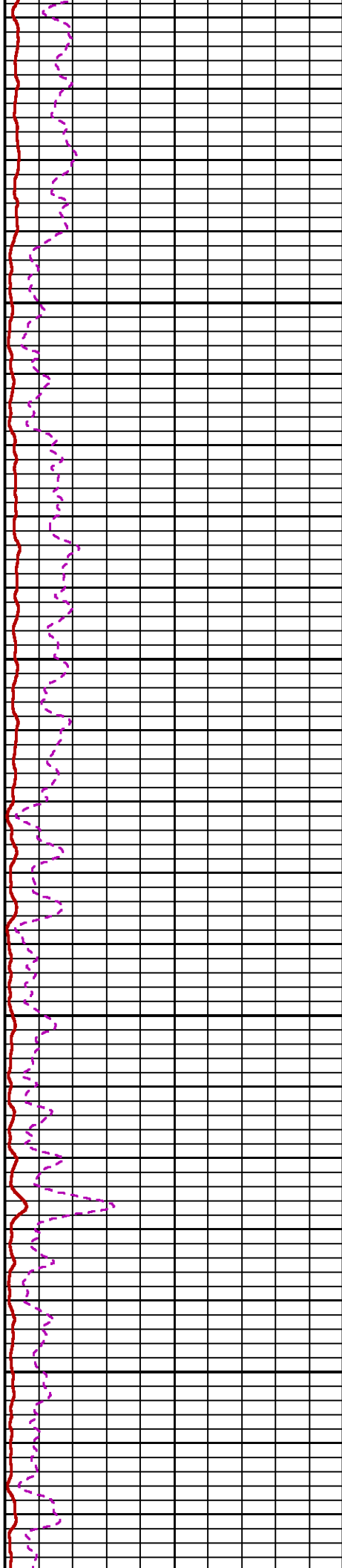
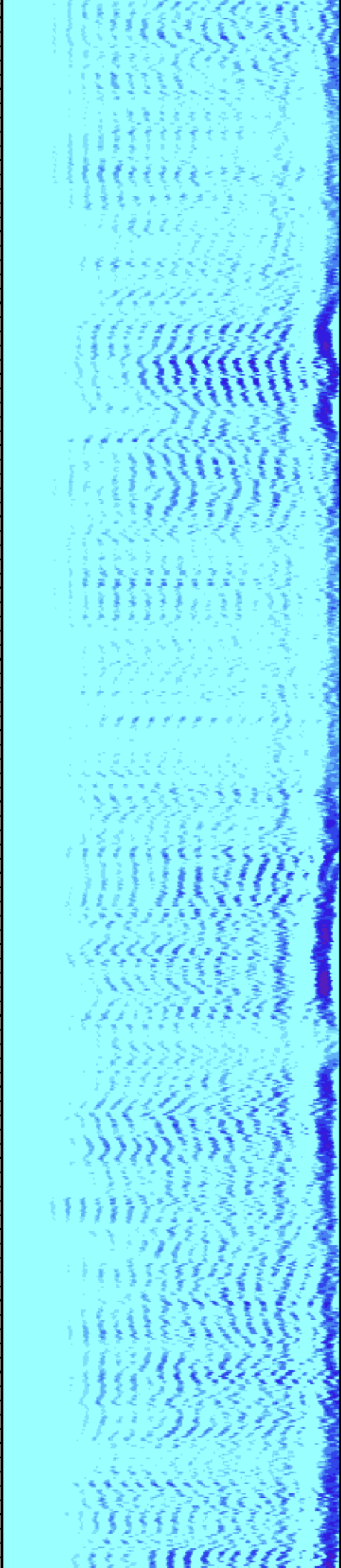


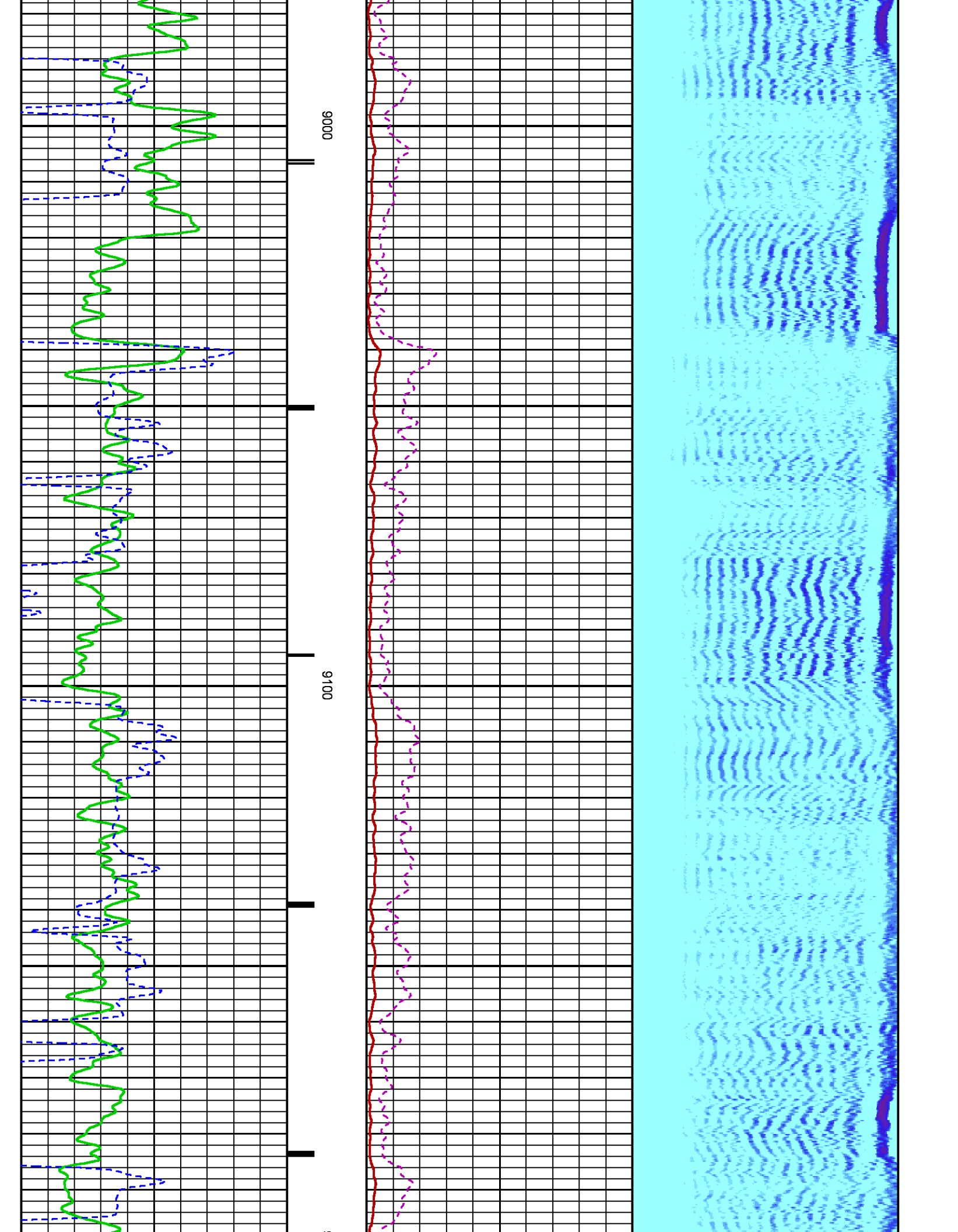


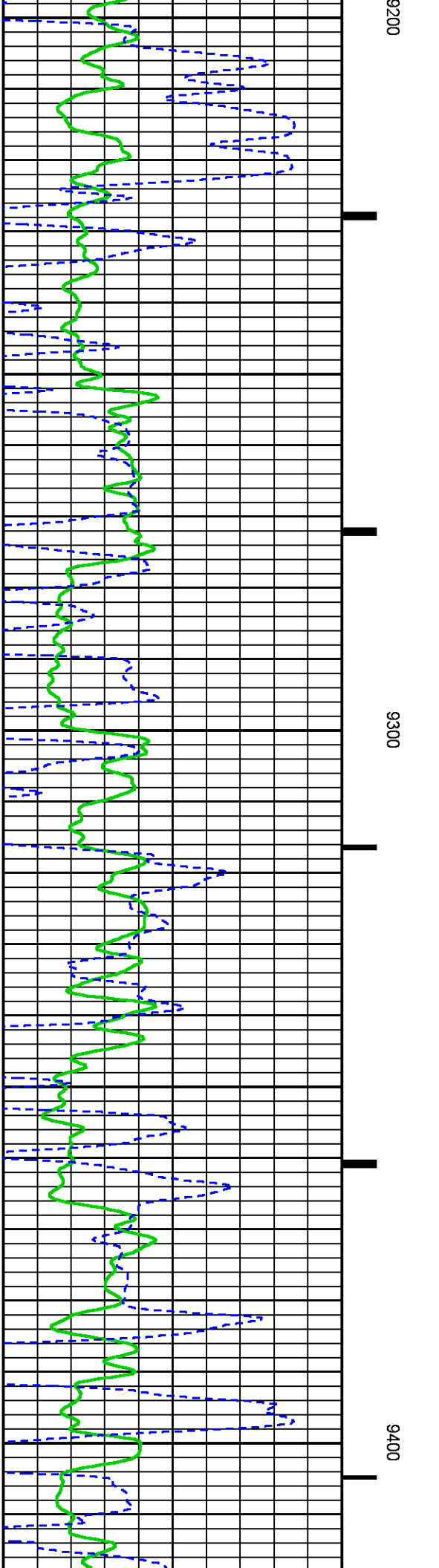
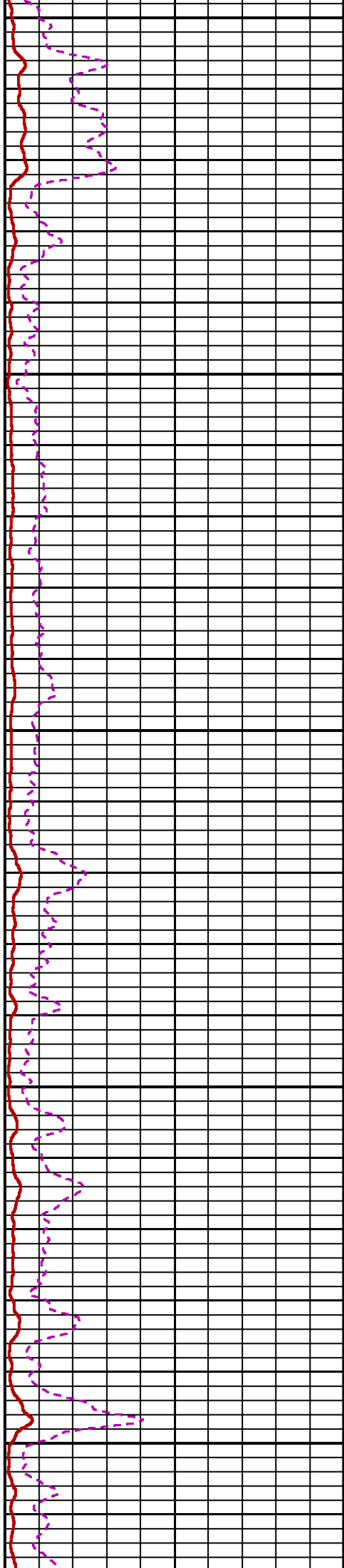
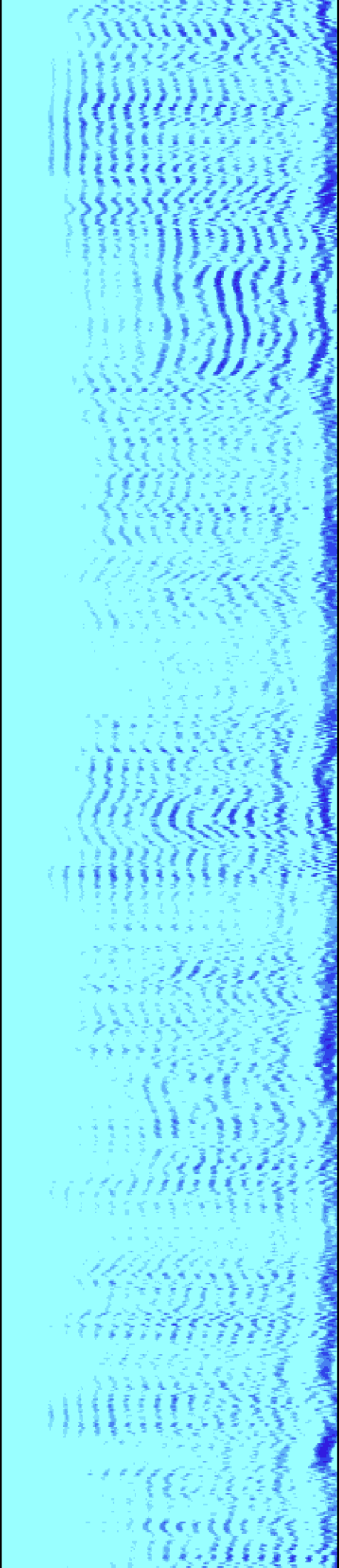


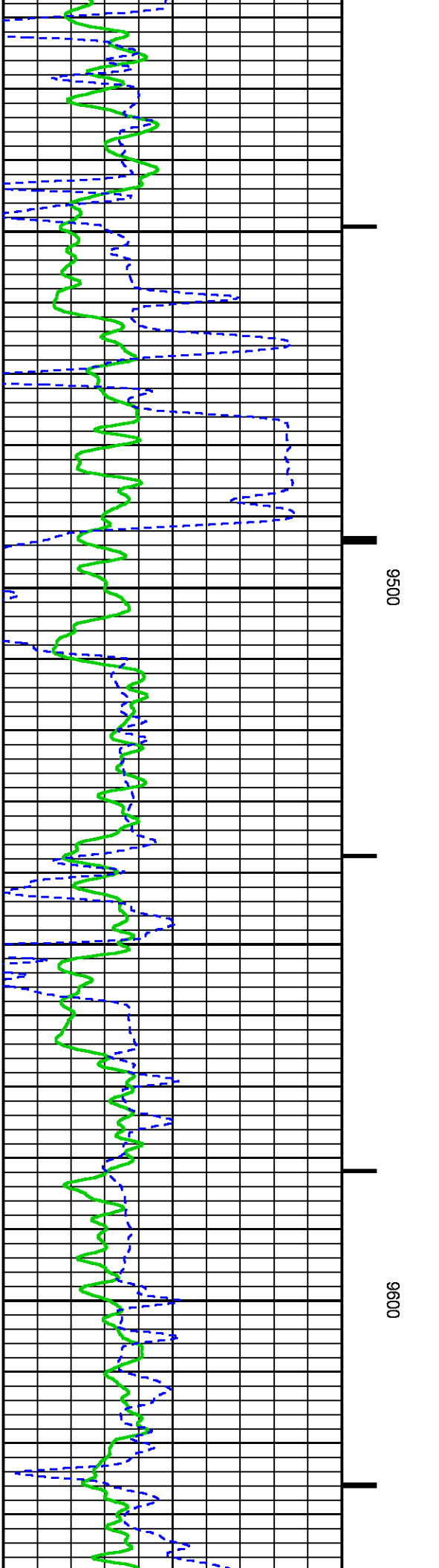
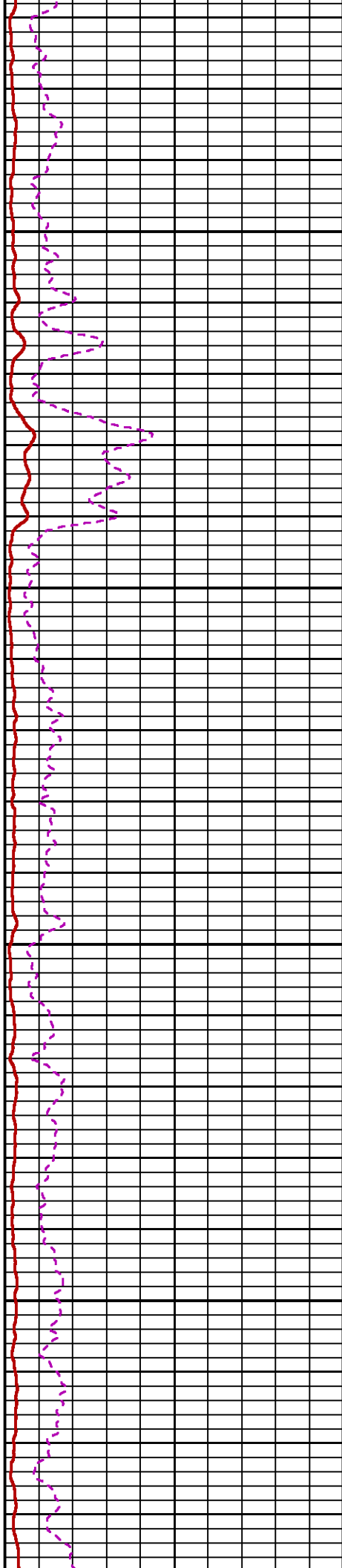
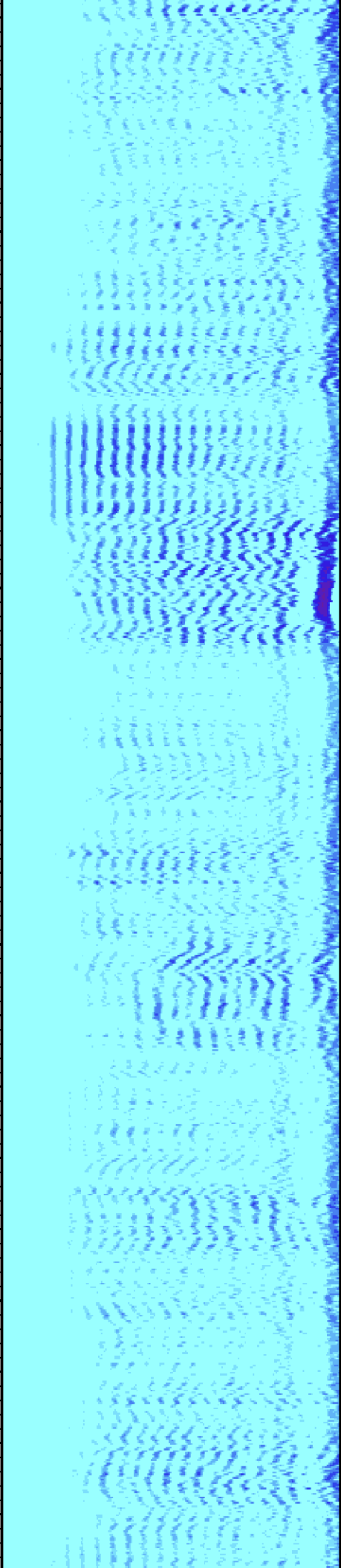


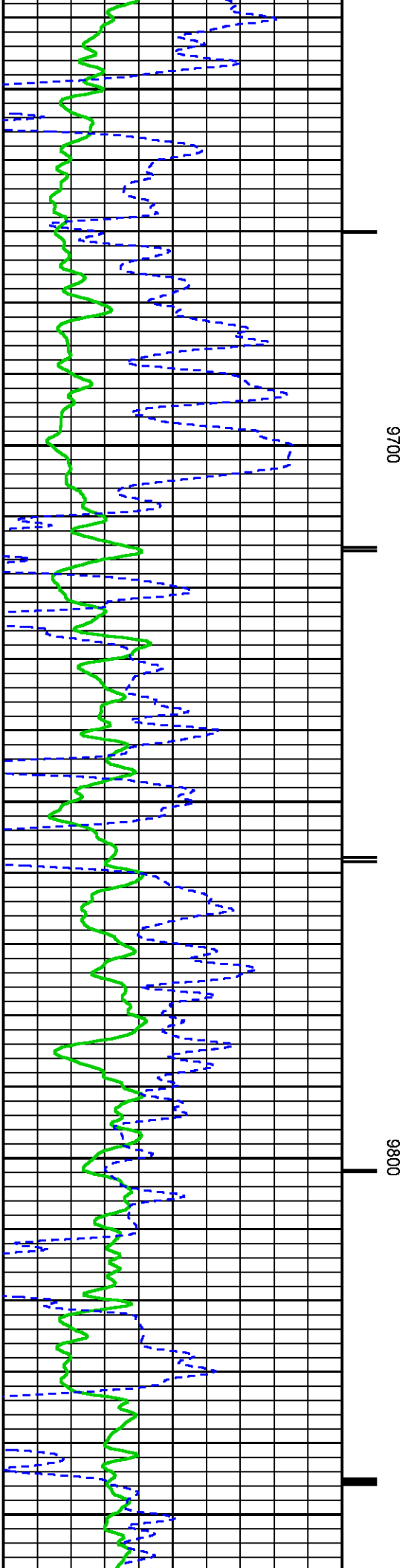
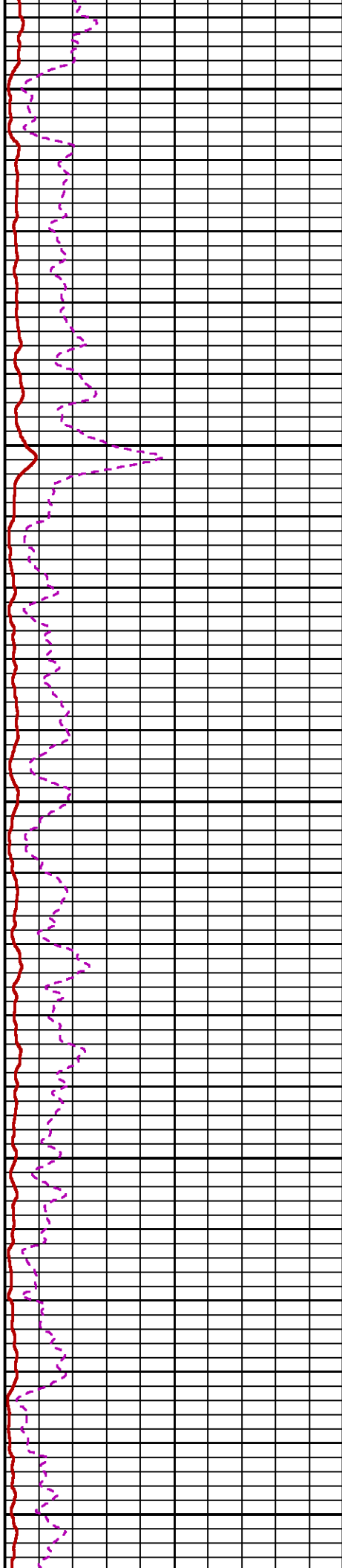
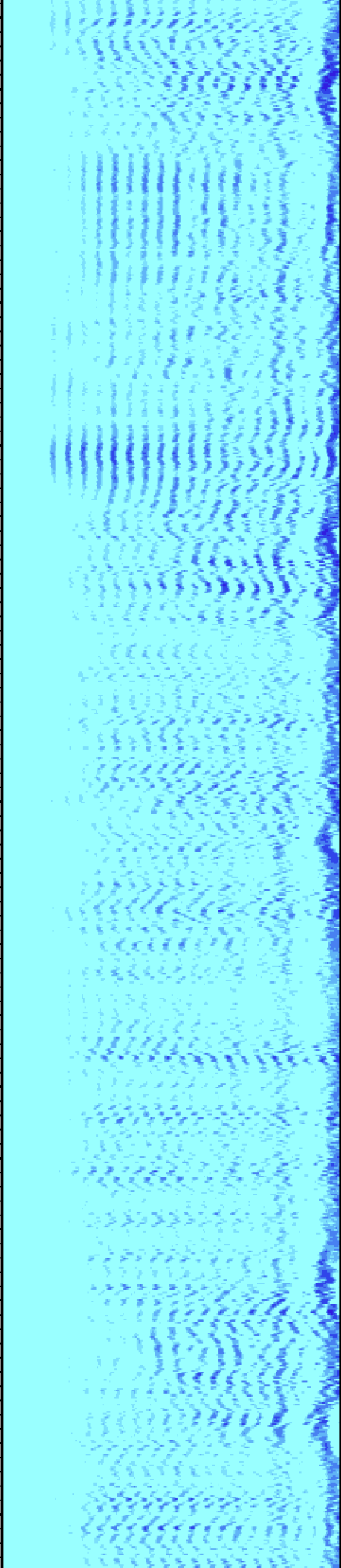


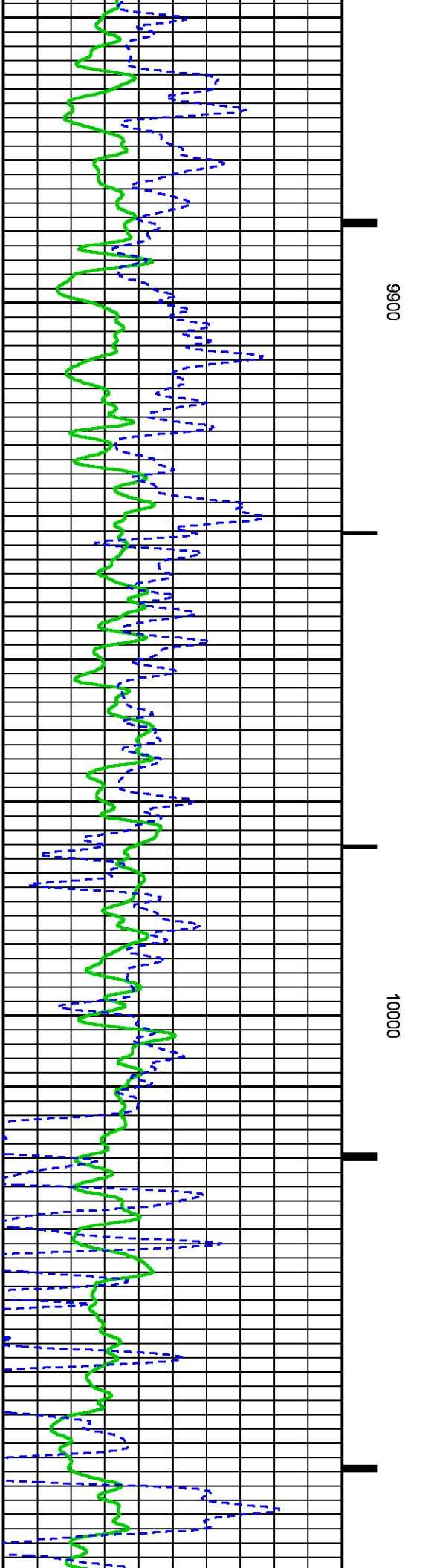
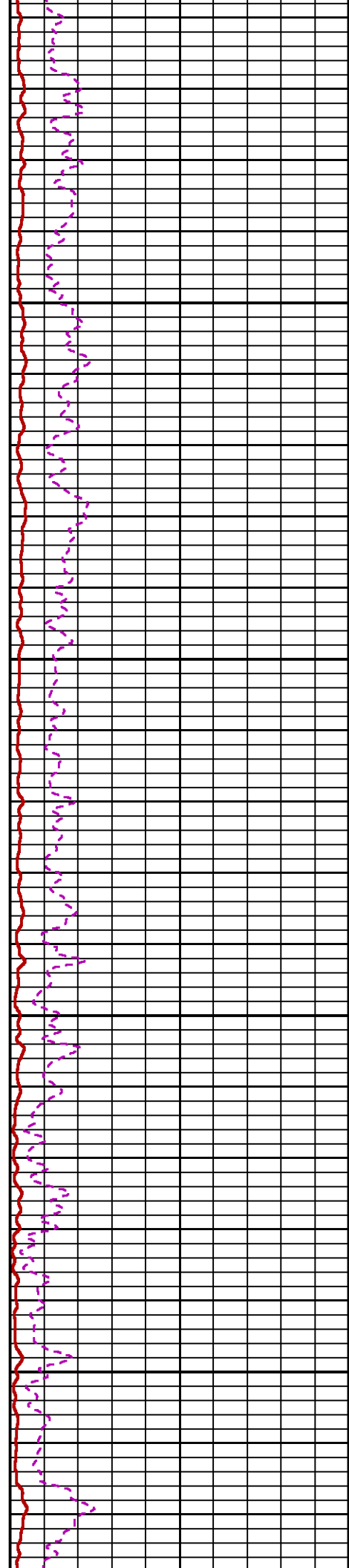
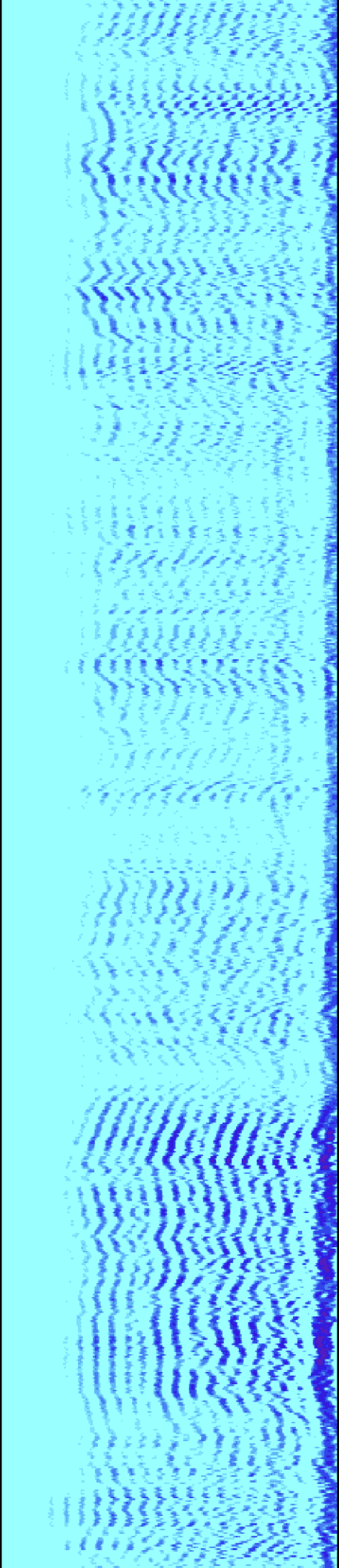


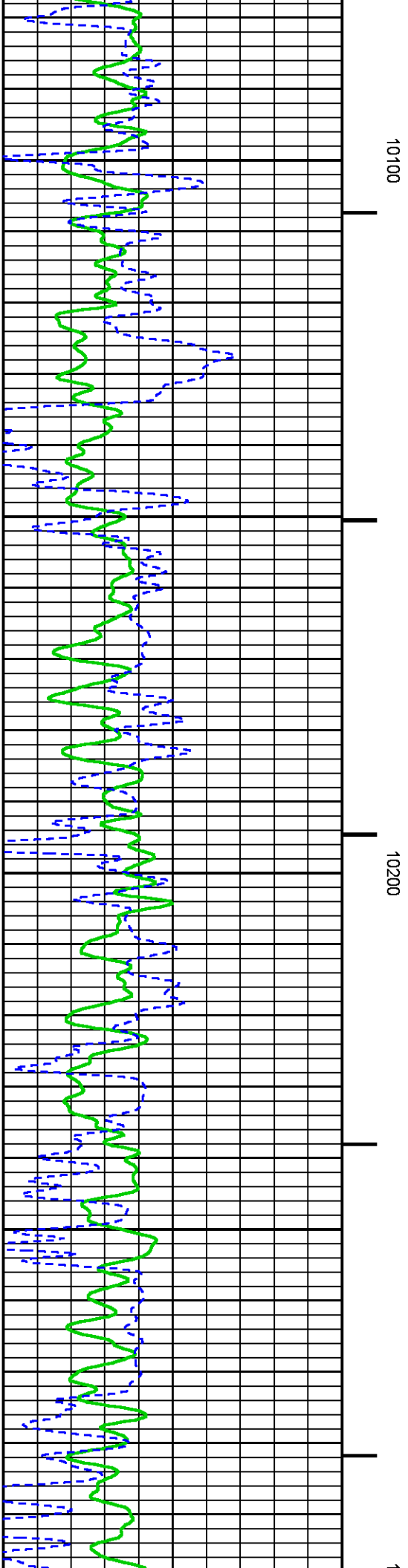
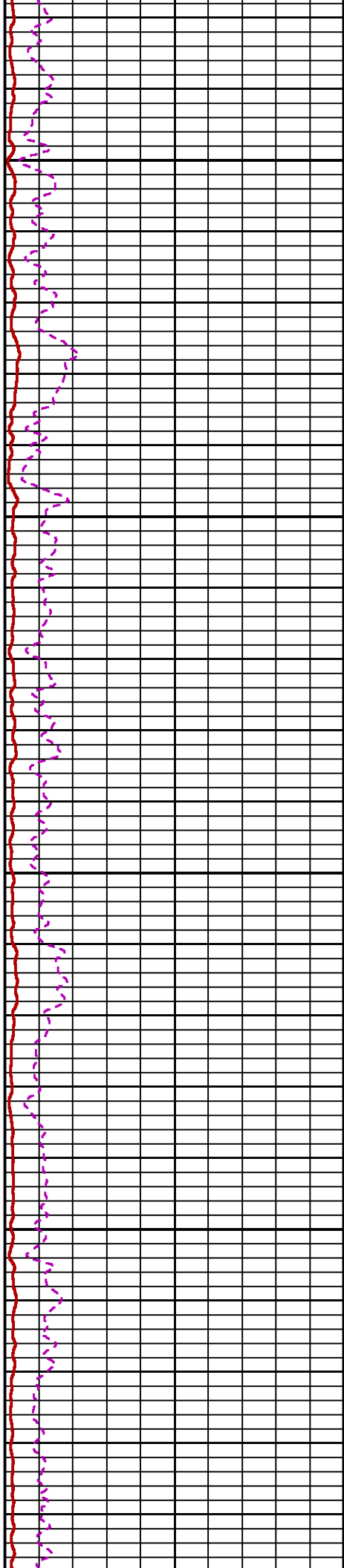
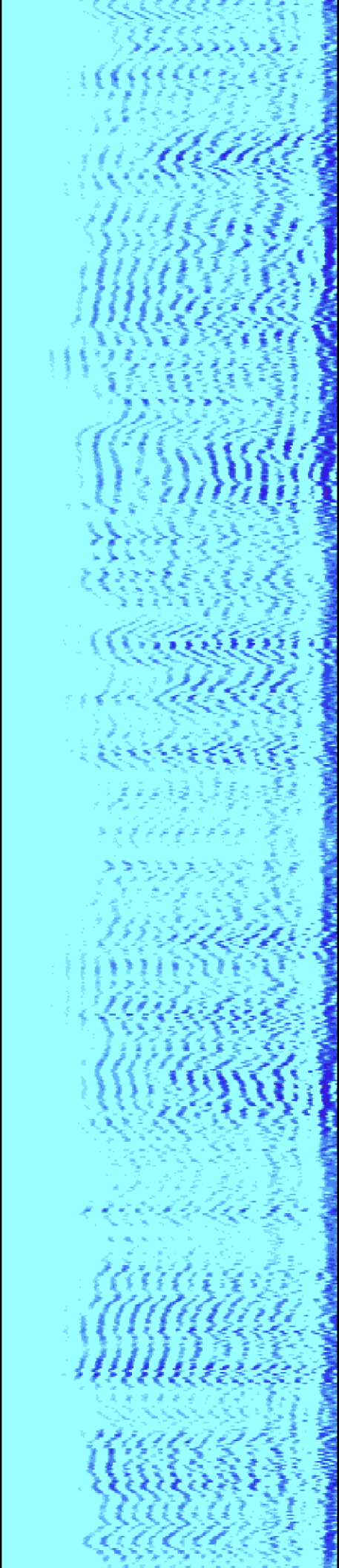


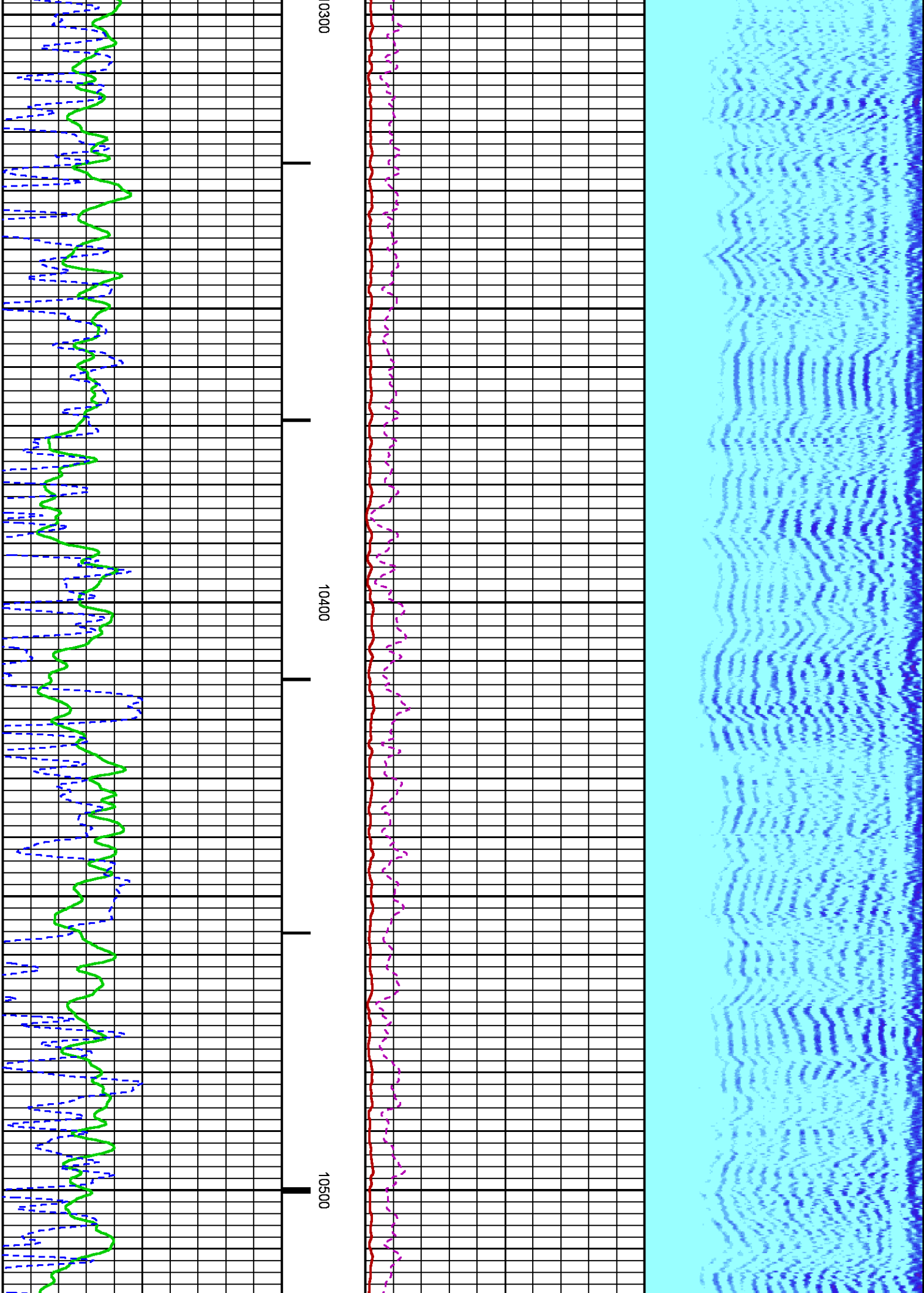


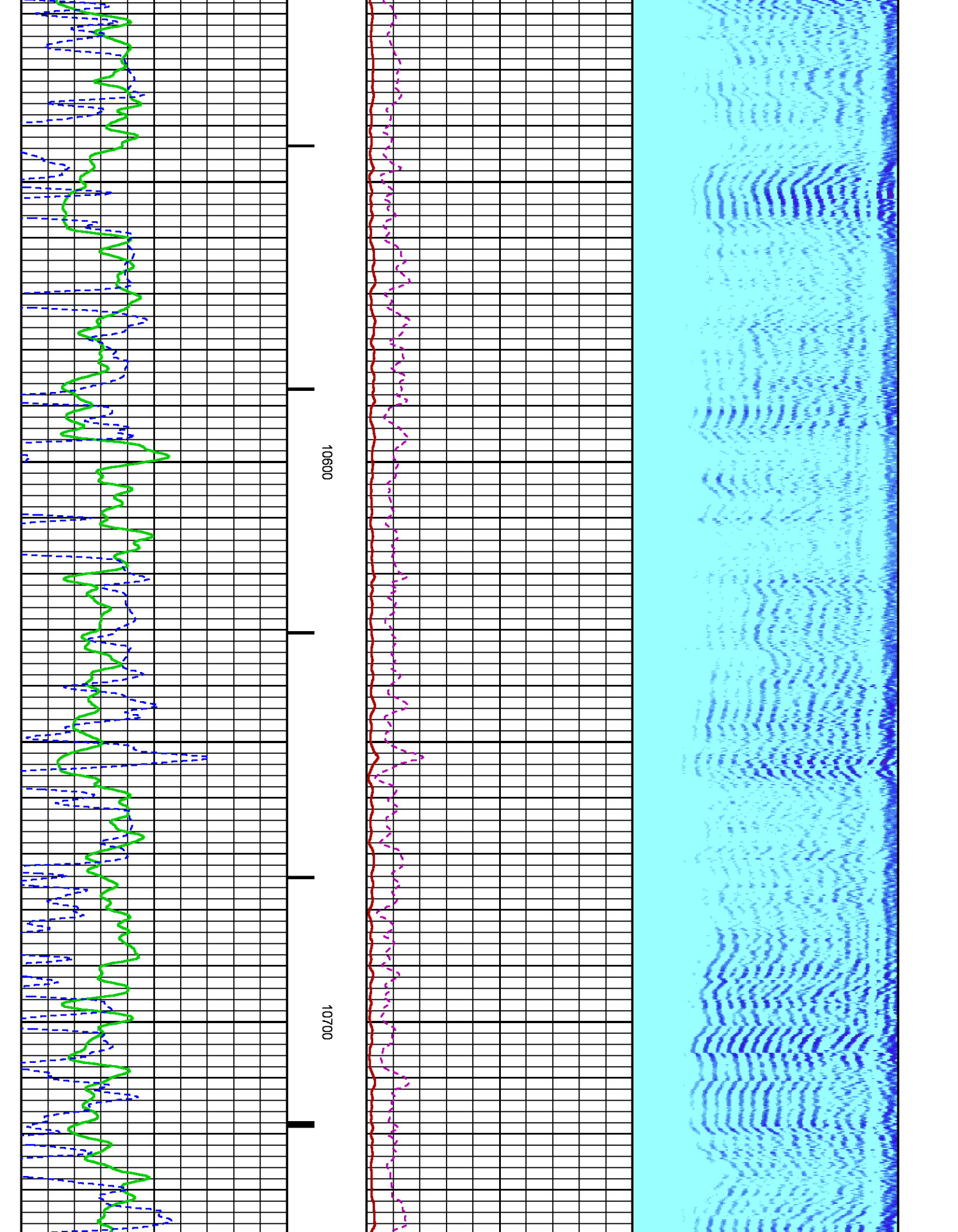


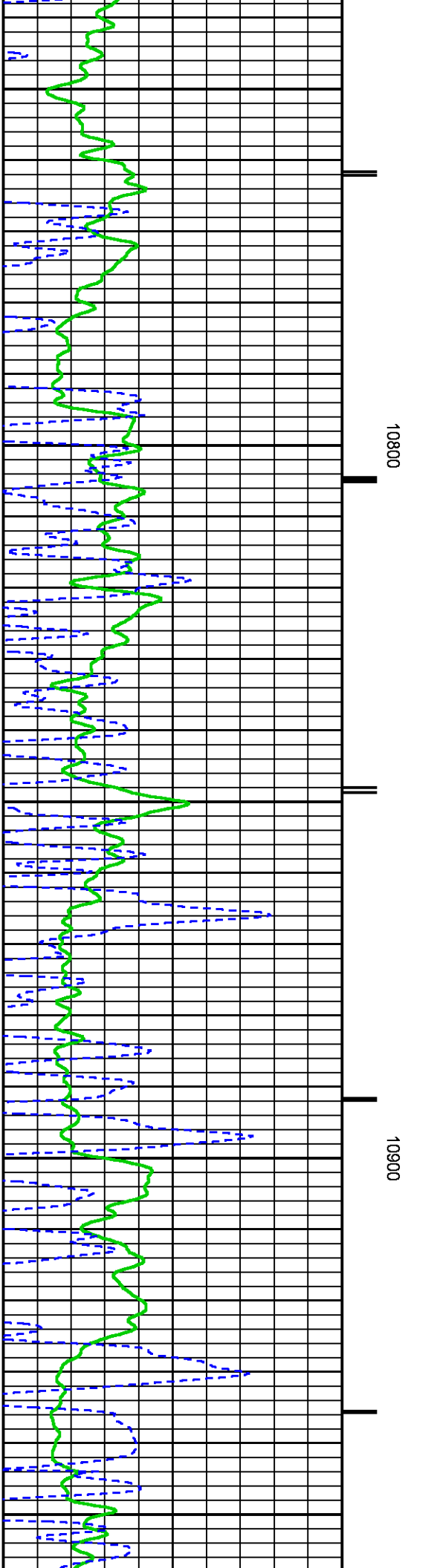
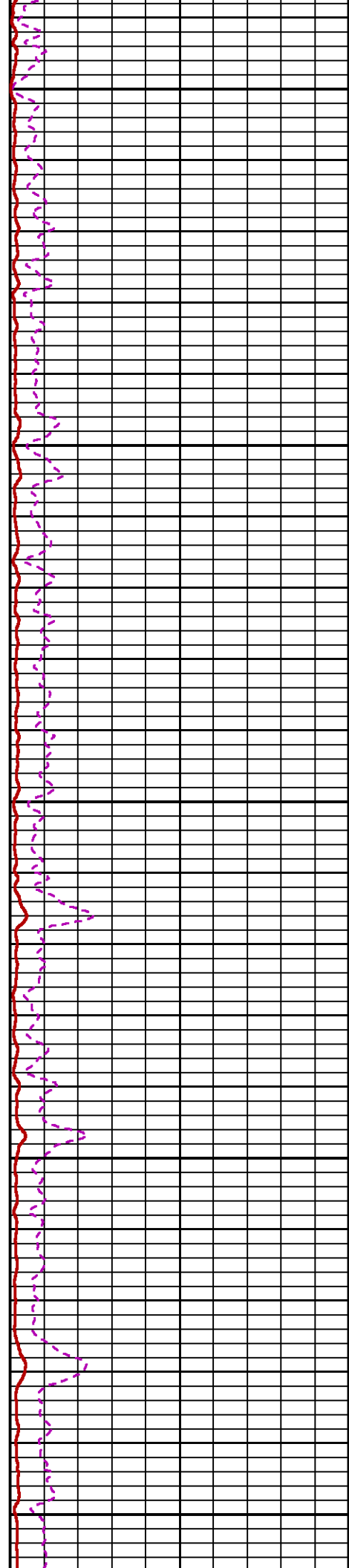
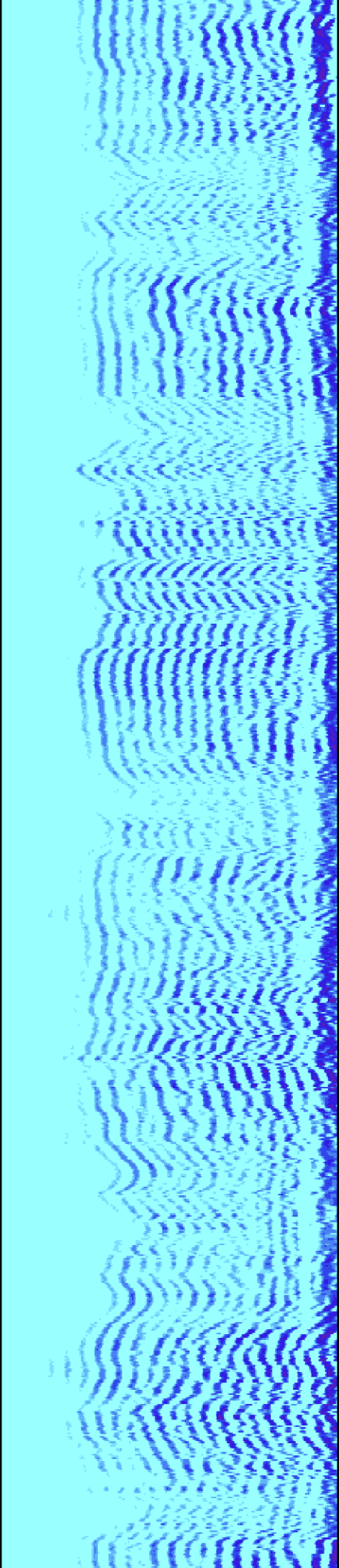


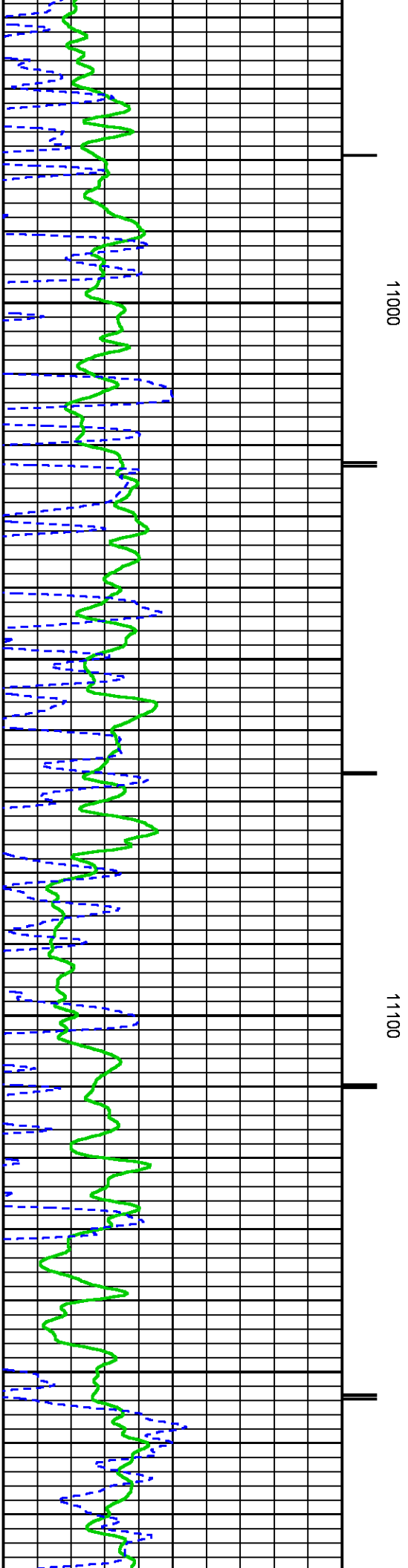
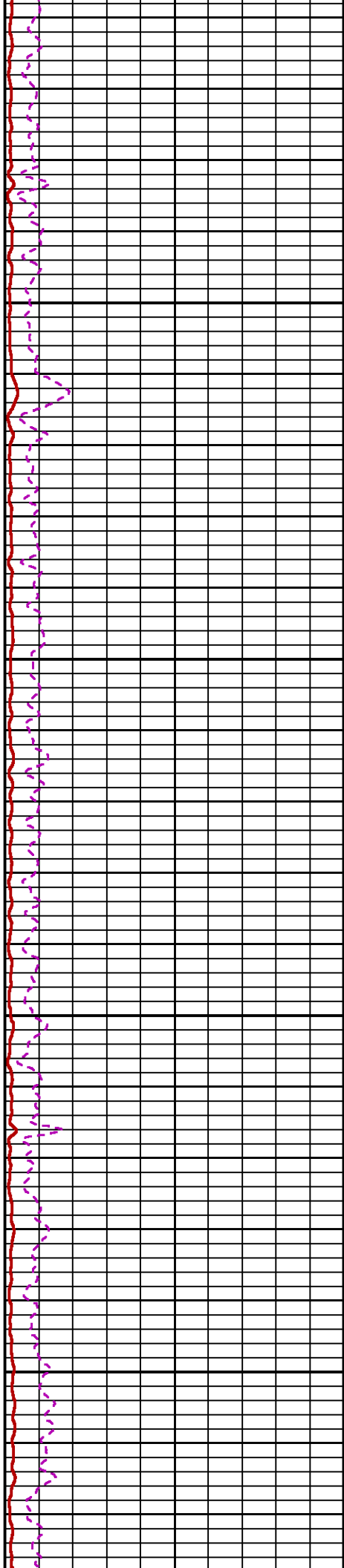
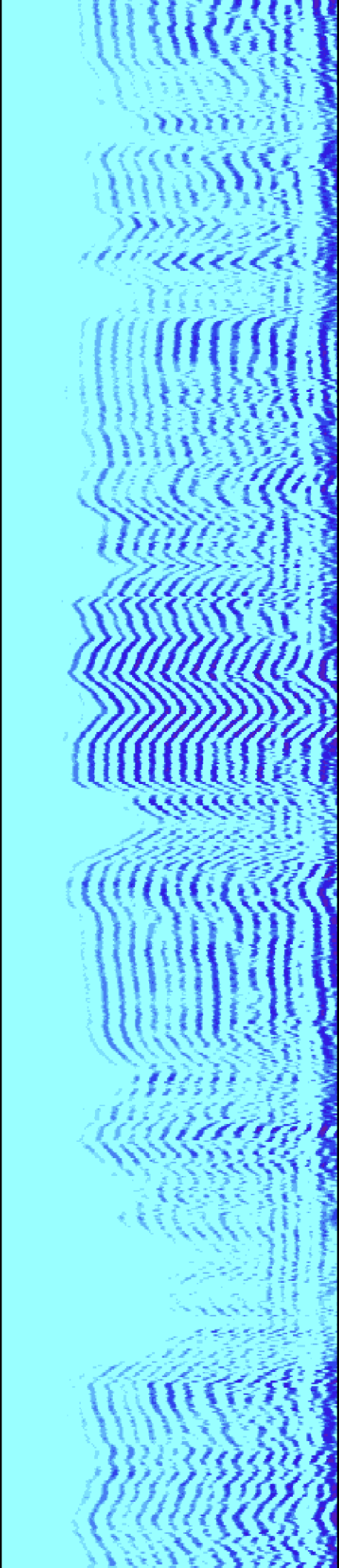


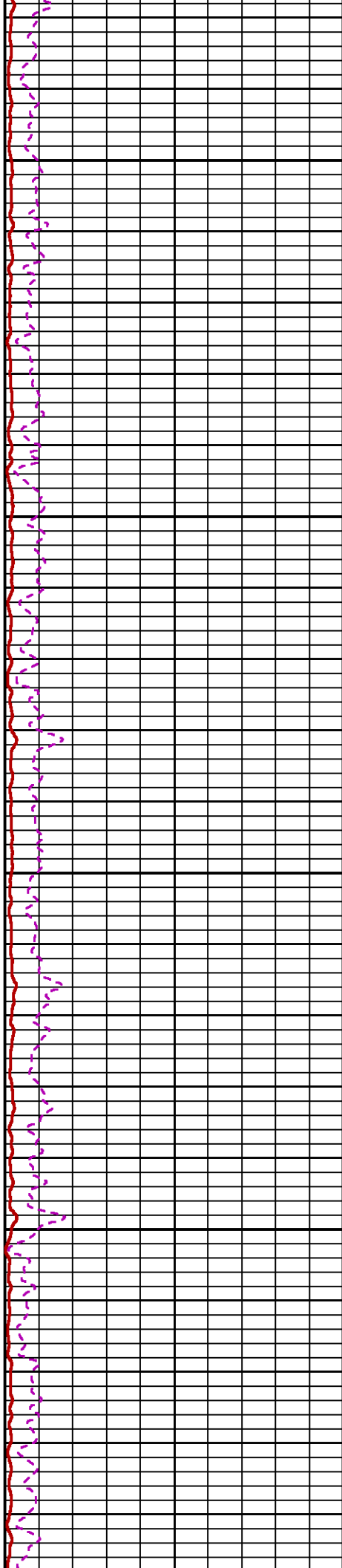
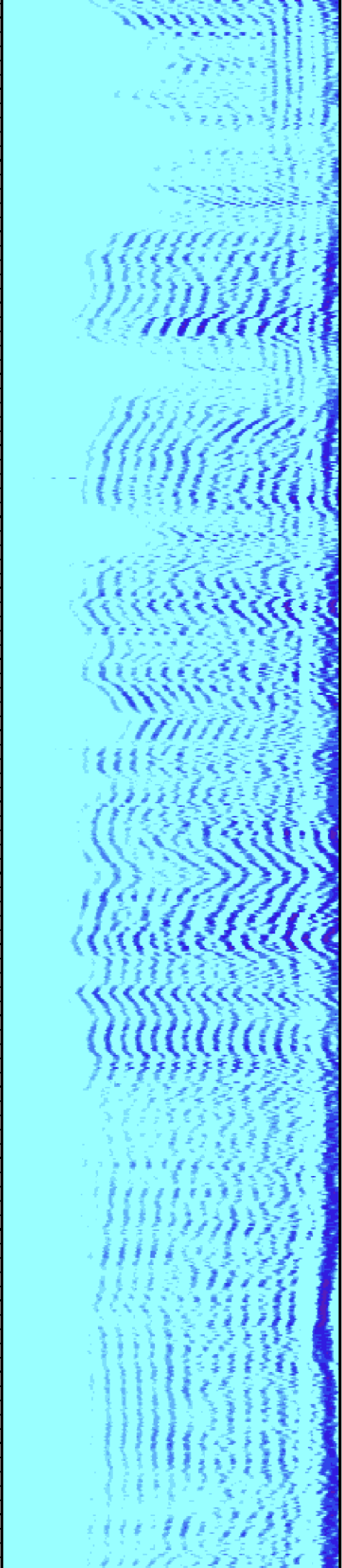








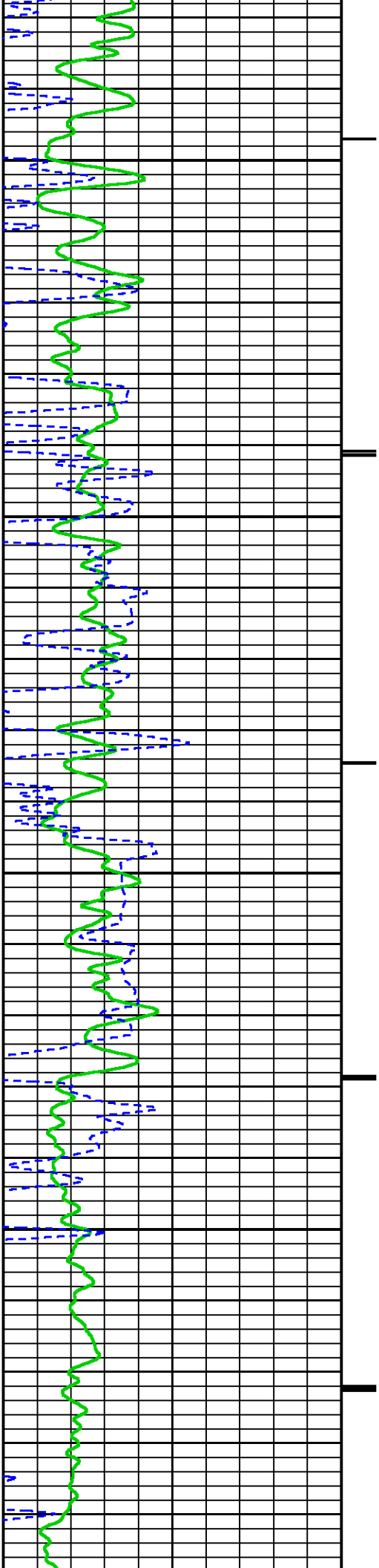


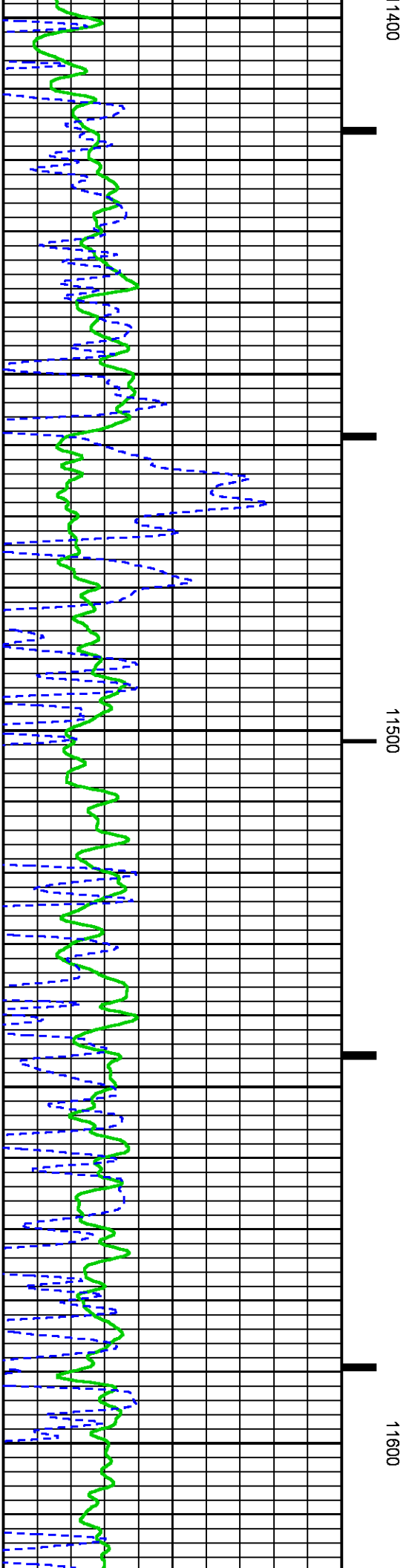
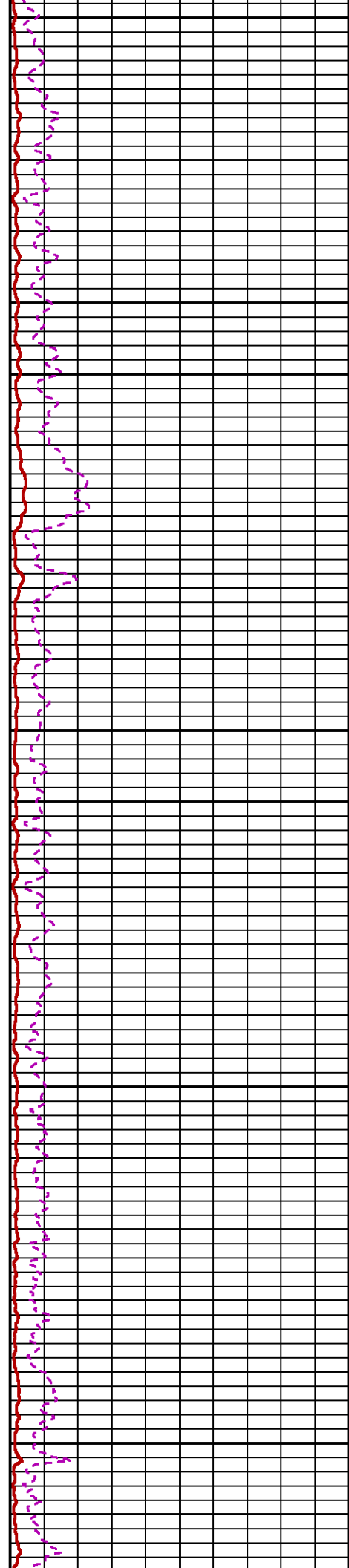
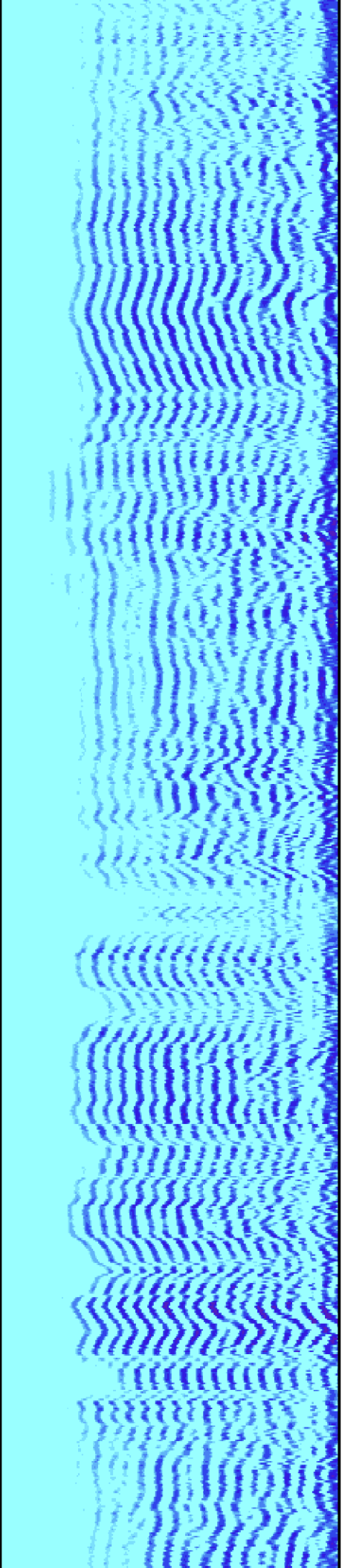


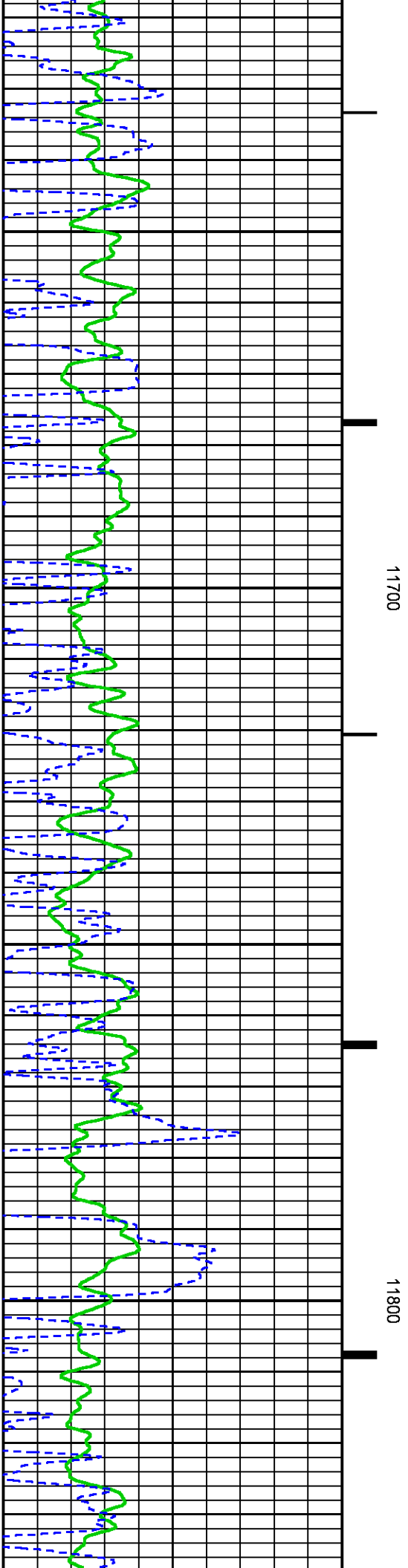
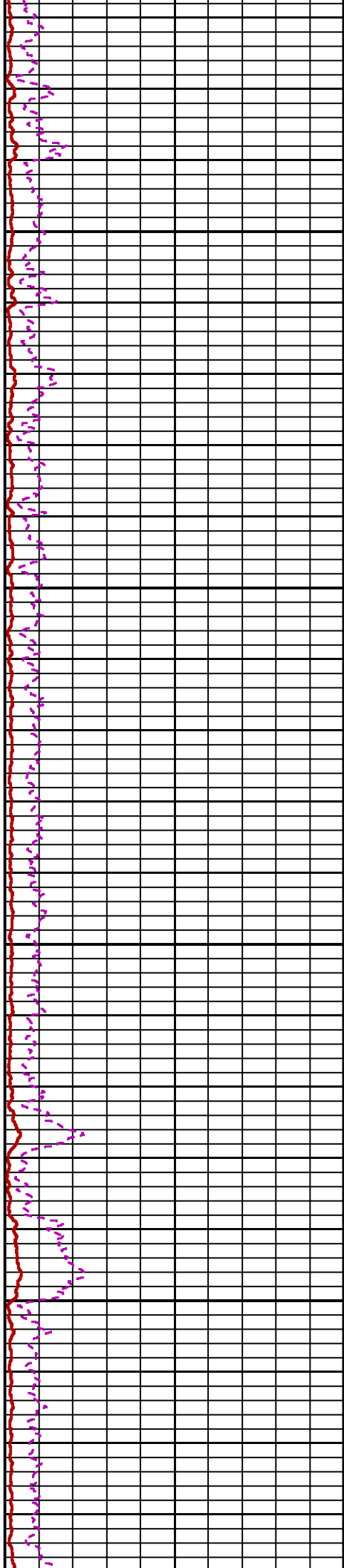
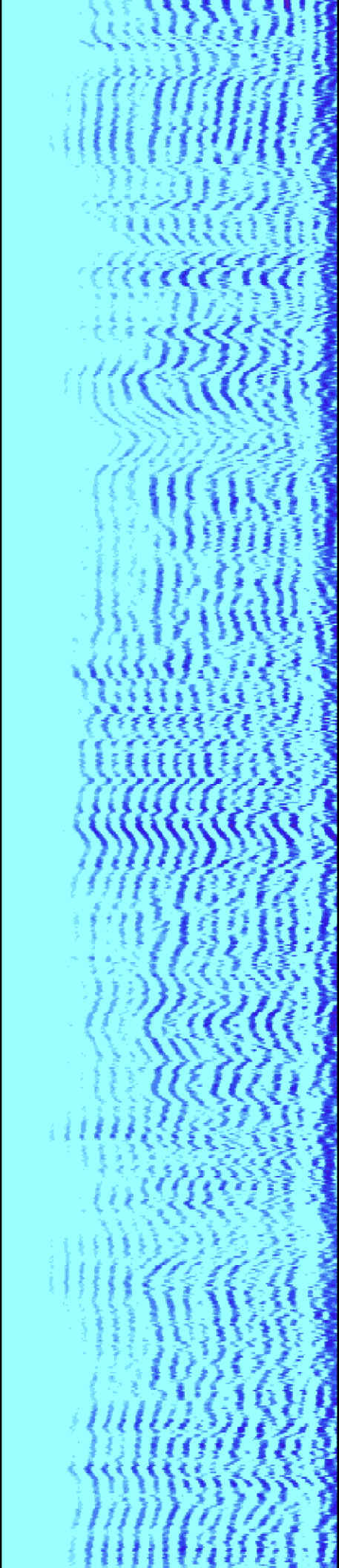
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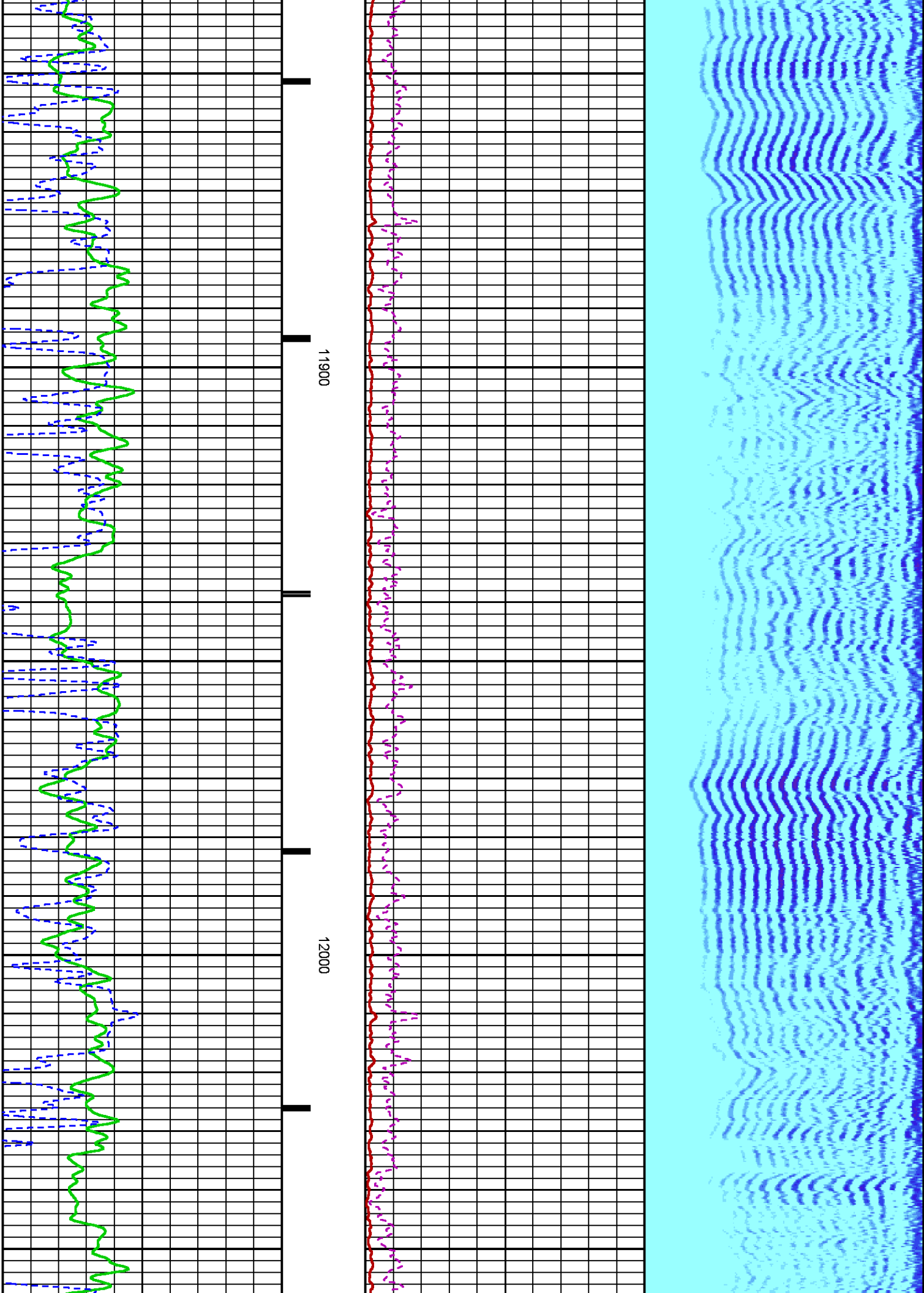
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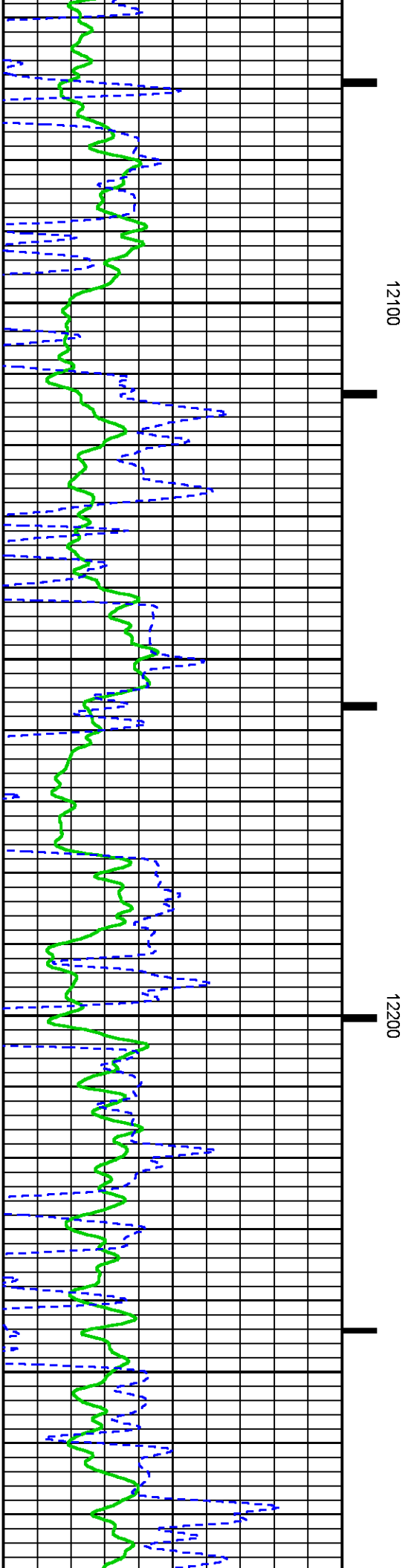
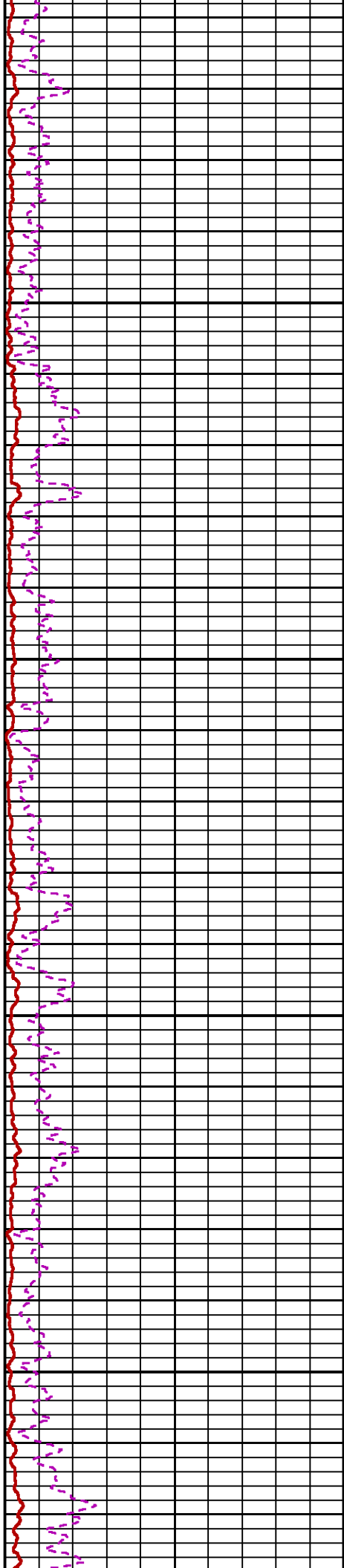
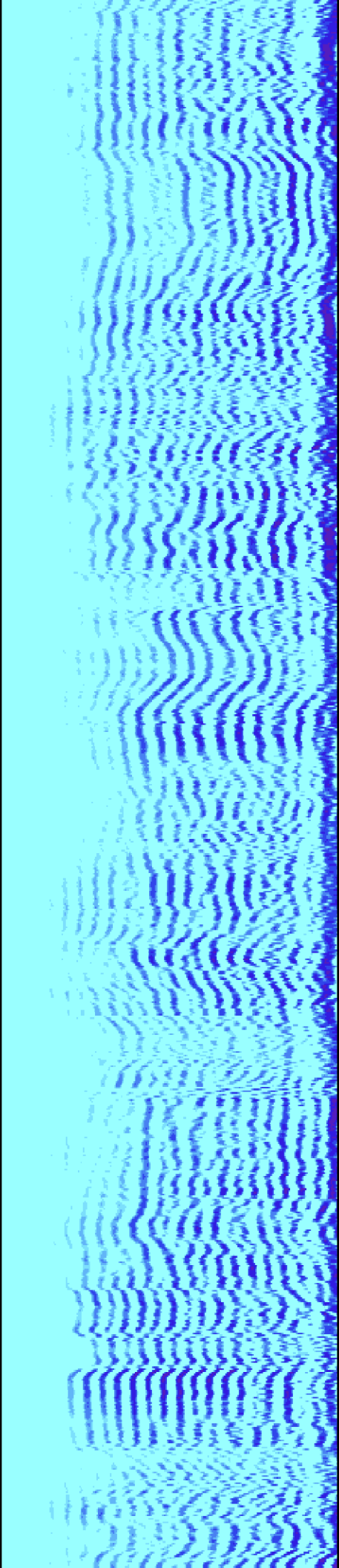
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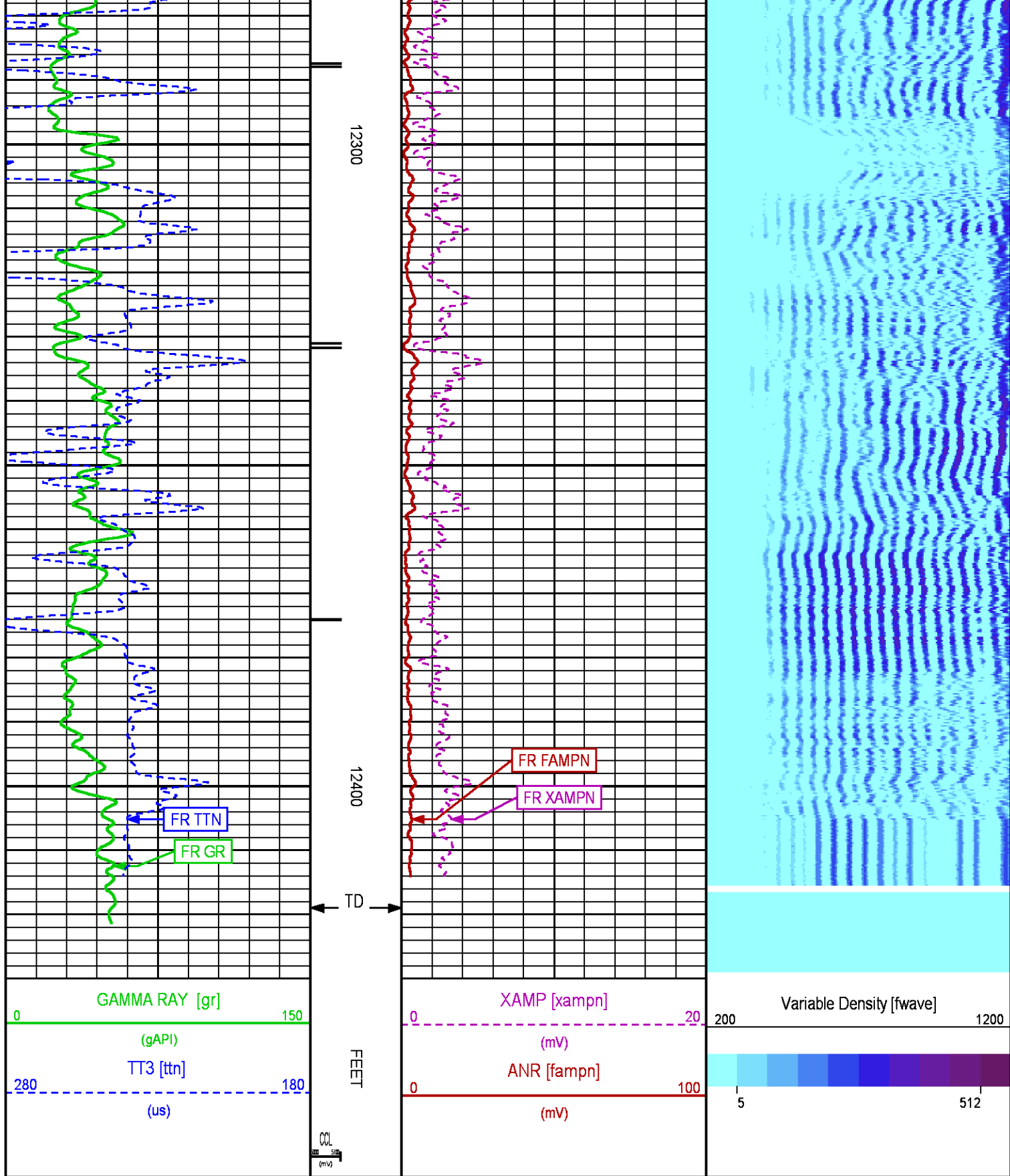












SECONDARY PRESENTATION 0 PSI

Plotted: Sat May 23 14:54:30 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096702/n012e05.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 30.000 ft BOTTOM DEPTH: 2080.000 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*)	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

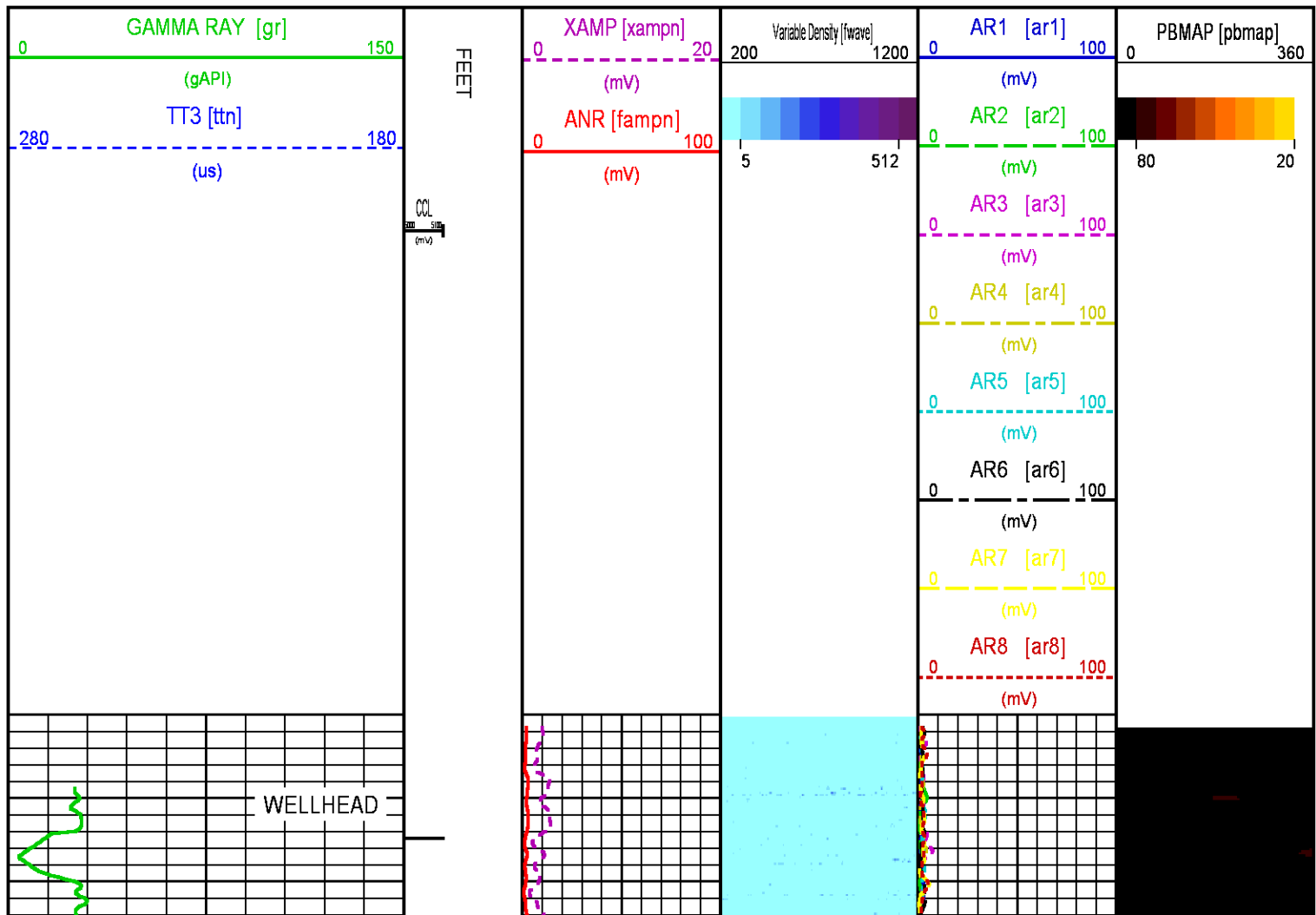
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	May 23 12:31:08 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	May 23 12:31:08 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	May 23 12:31:08 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	May 23 12:31:08 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	May 23 12:31:08 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	May 23 12:31:08 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	May 23 12:31:08 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	May 23 12:31:08 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	May 23 12:31:08 2015	CASING COLLAR LOCATOR
F1:FAMPN	May 23 12:31:08 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	May 23 12:31:08 2015	FAR WAVE FORM
F1:GR	May 23 12:31:08 2015	GAMMA RAY
F1:PBMAP	May 23 12:31:08 2015	PERCENT BOND CEMENT MAP
F1:TTN	May 23 12:31:08 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	May 23 12:31:08 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

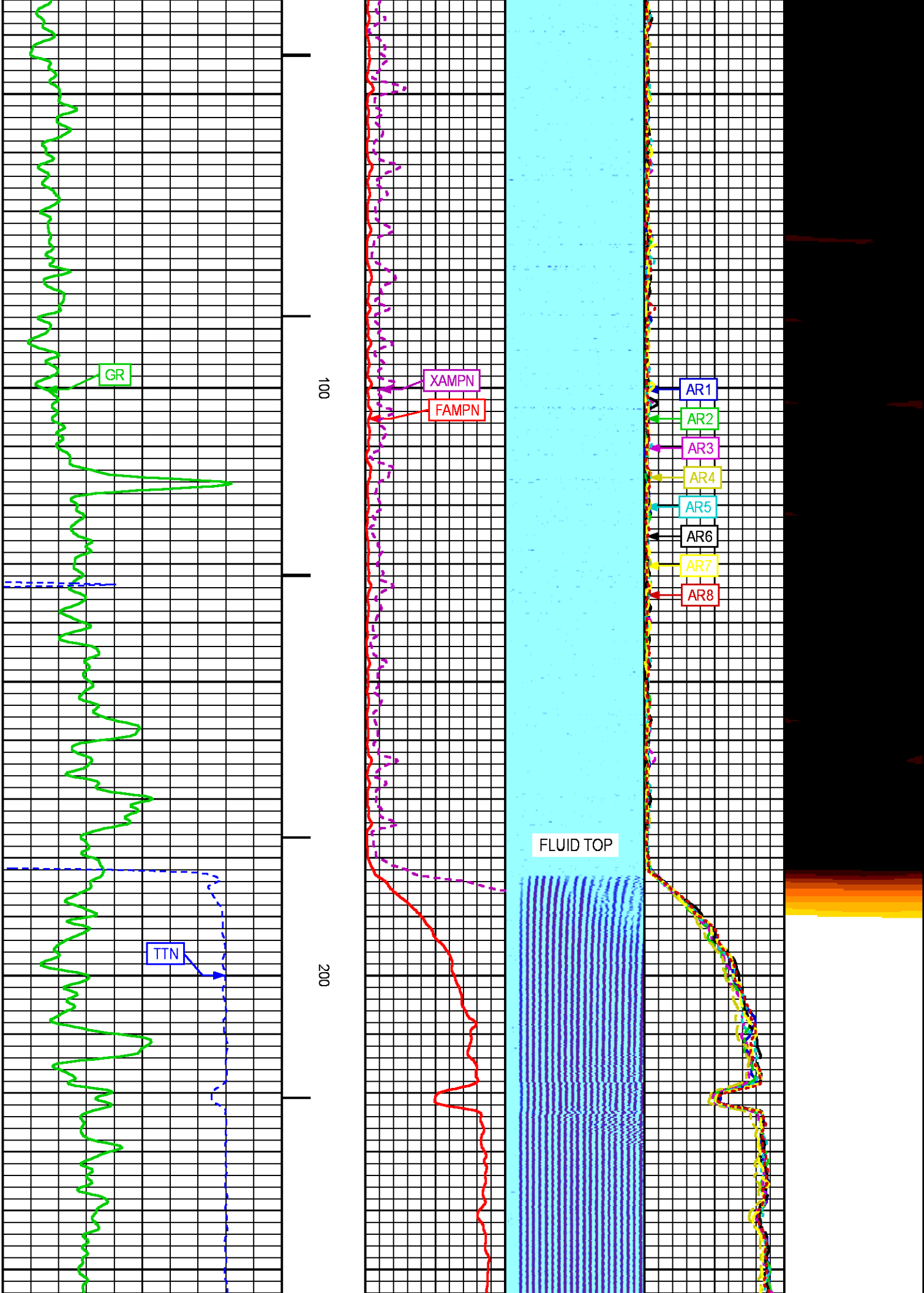
CURVE MEASURE POINT OFFSET

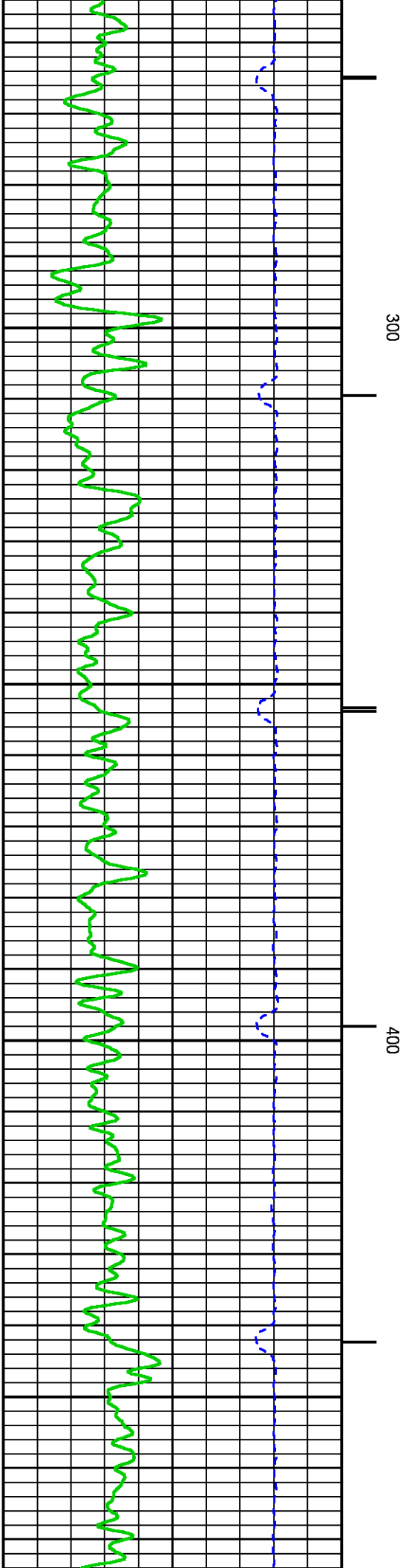
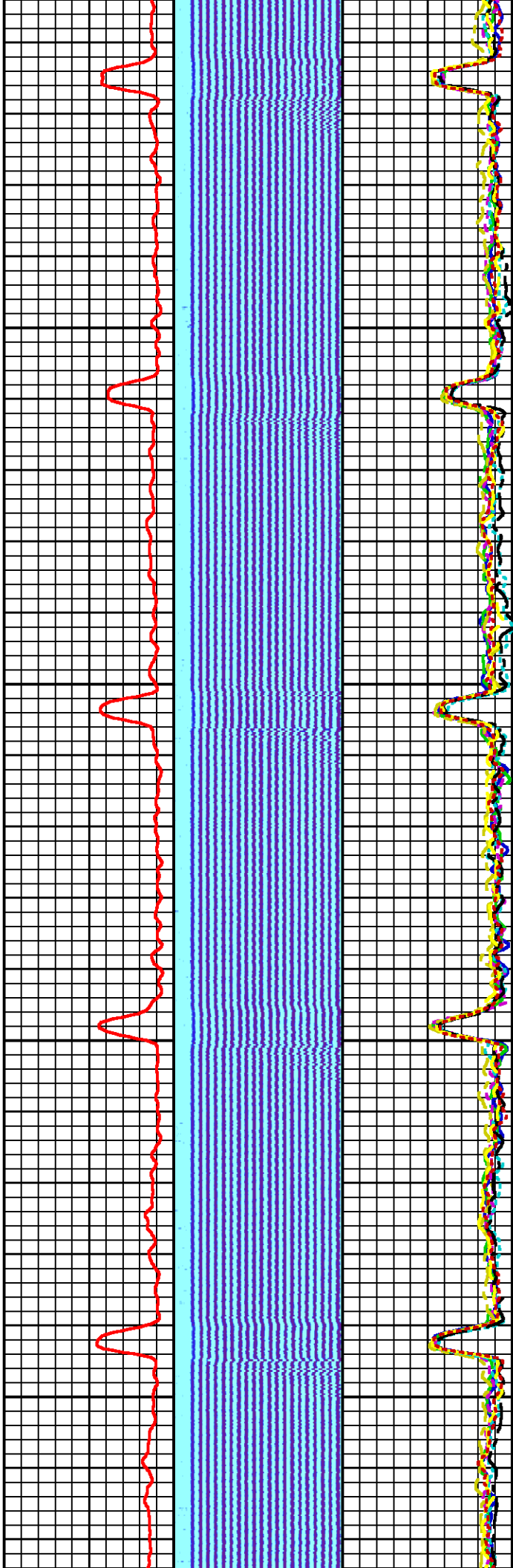
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		
AR4	13.75	AR8	13.75	TTN	13.75		

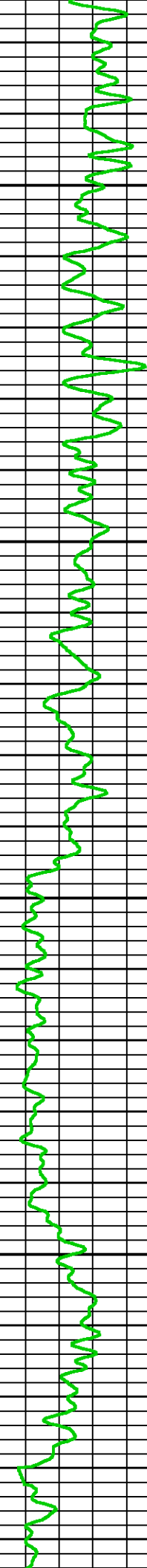
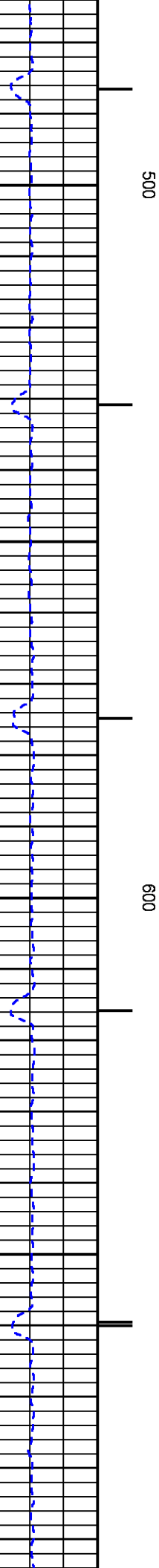
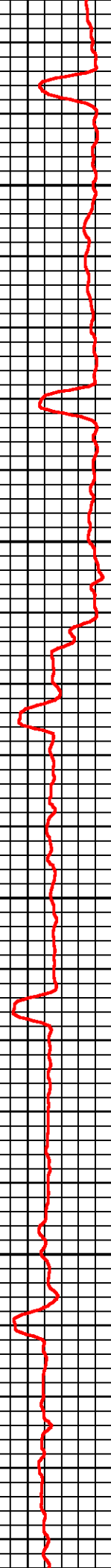
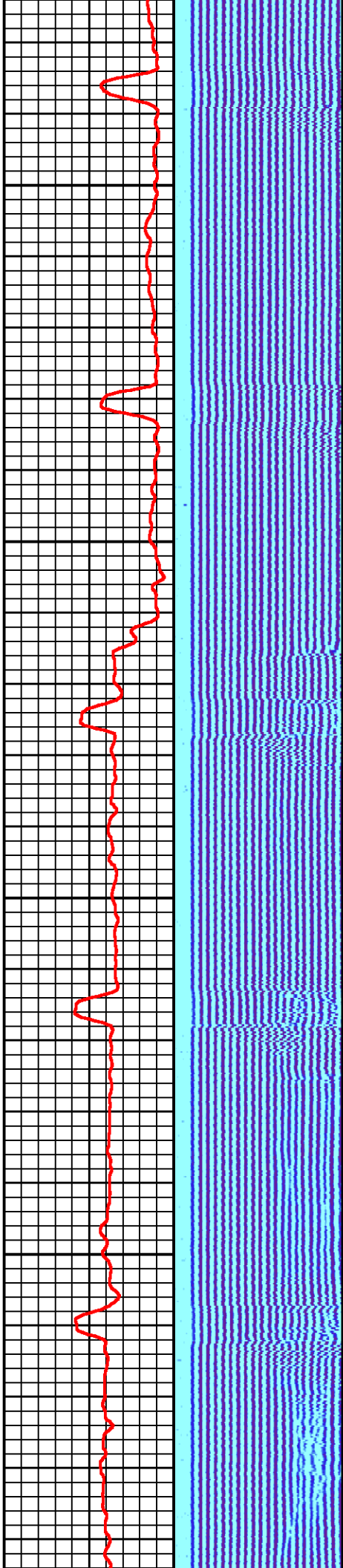
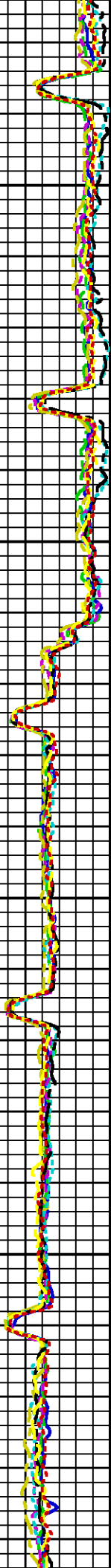
Presentation : cas6685:/dat1a/CH096702/CBLMAIN.fvpdf [5"/100' Scale]
Plot Interval : 10.25 - 12429 Feet

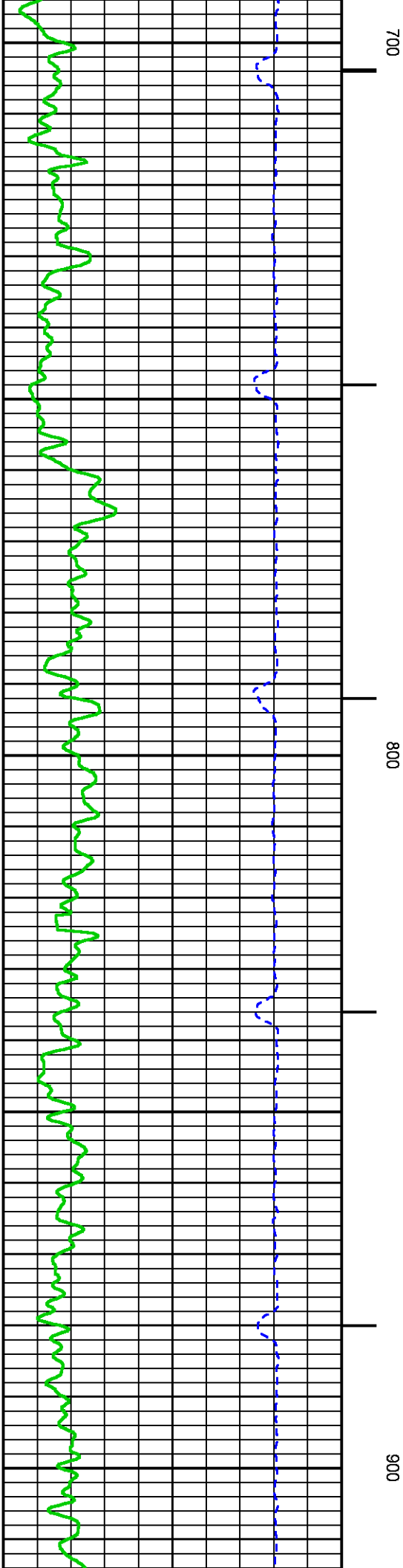
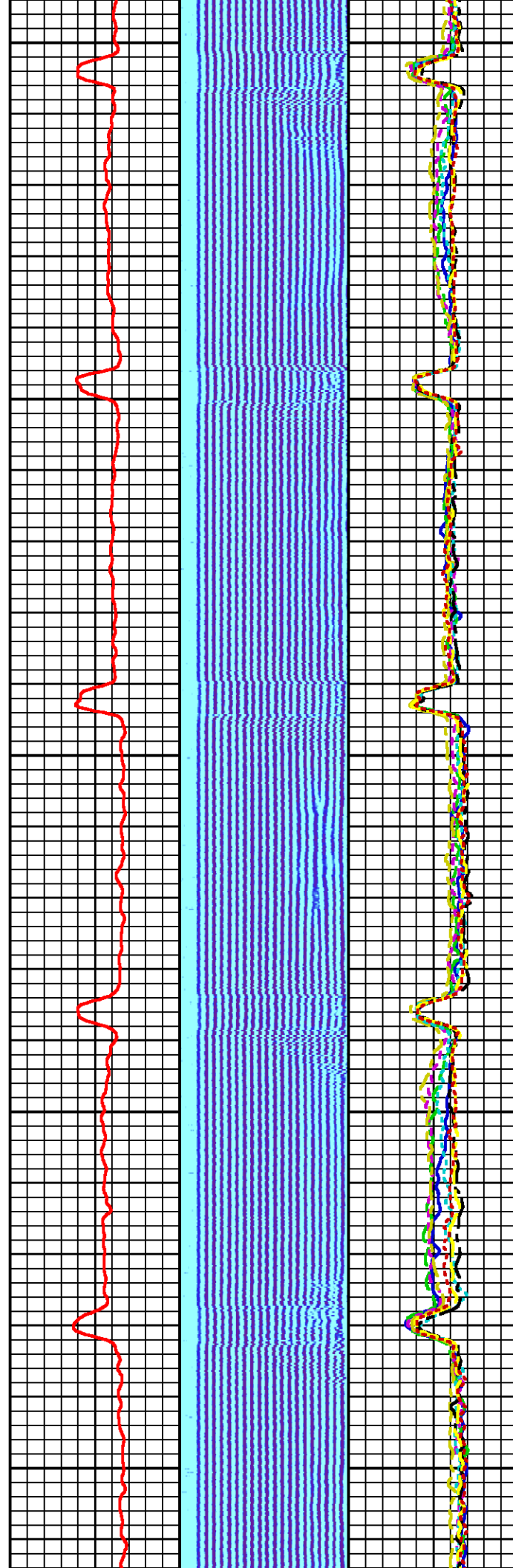
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Created On : May 23 12:31:08 2015
Company : WPX ENERGY
Well : FEDERAL RGU 343-26-198
Field : SULPHUR CREEK
File Interval : 10.25 - 12429 Feet
OCT : n012e



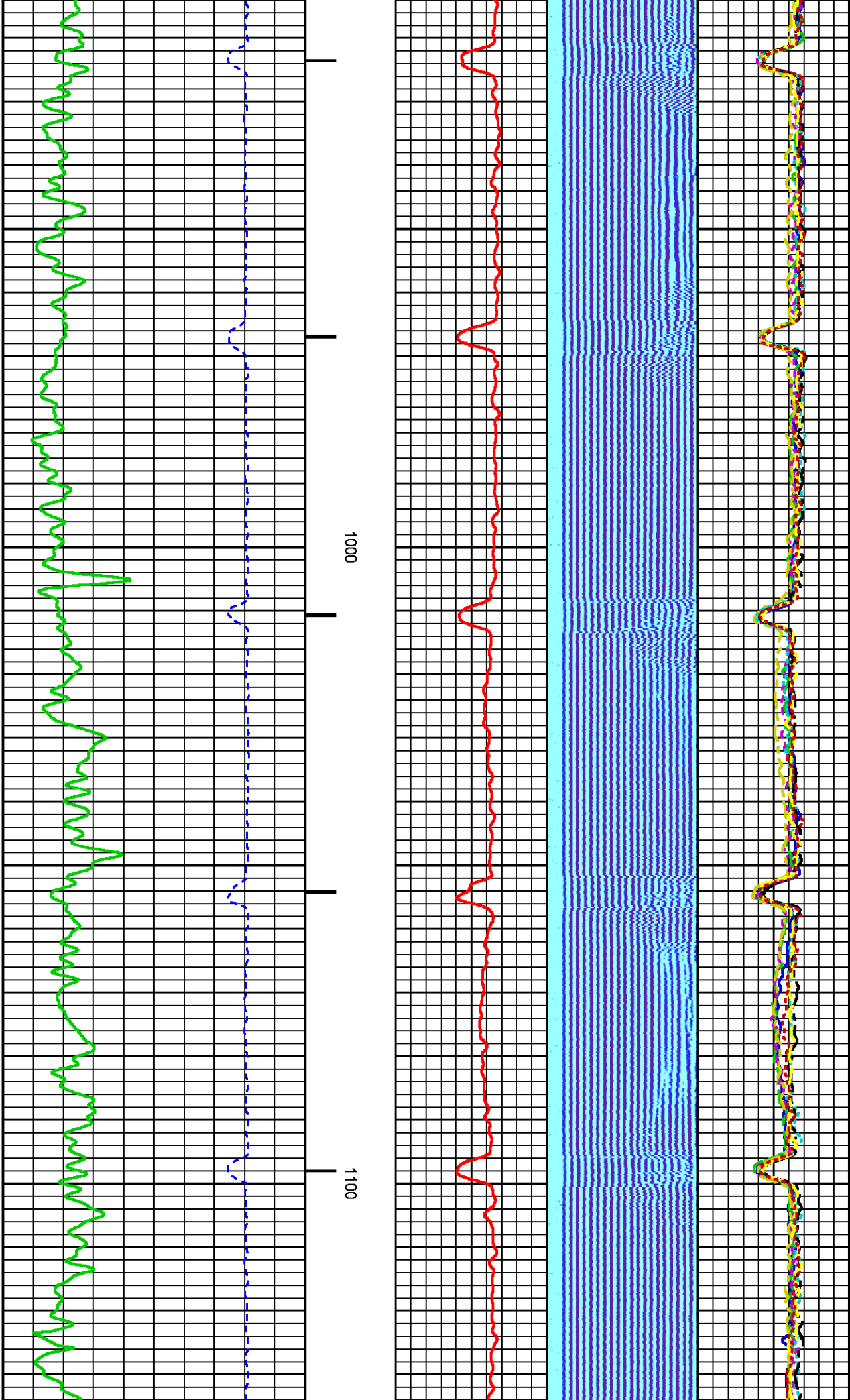


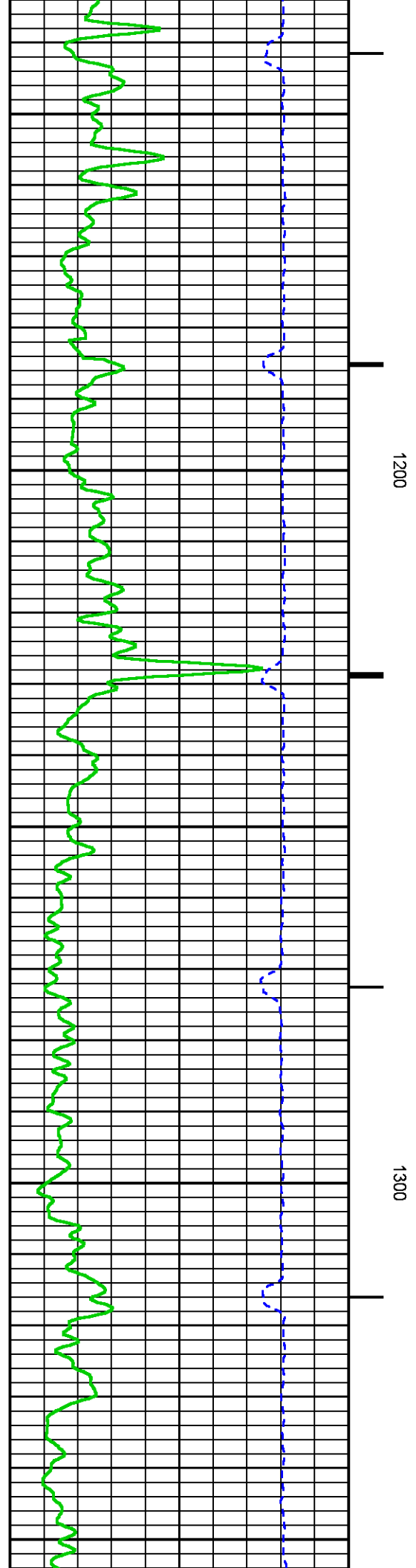
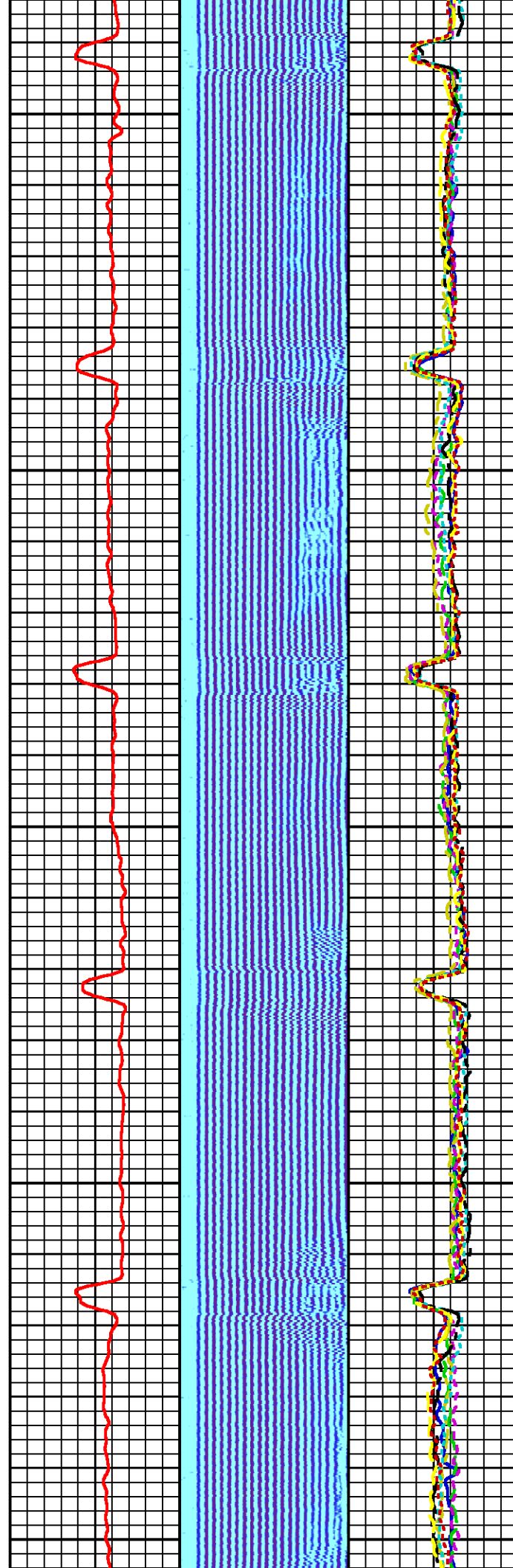
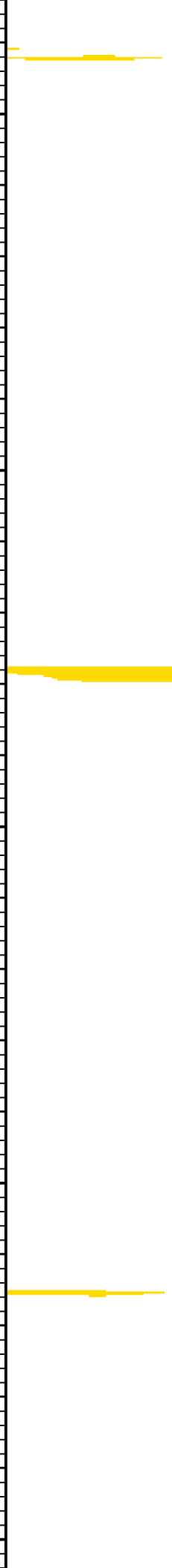


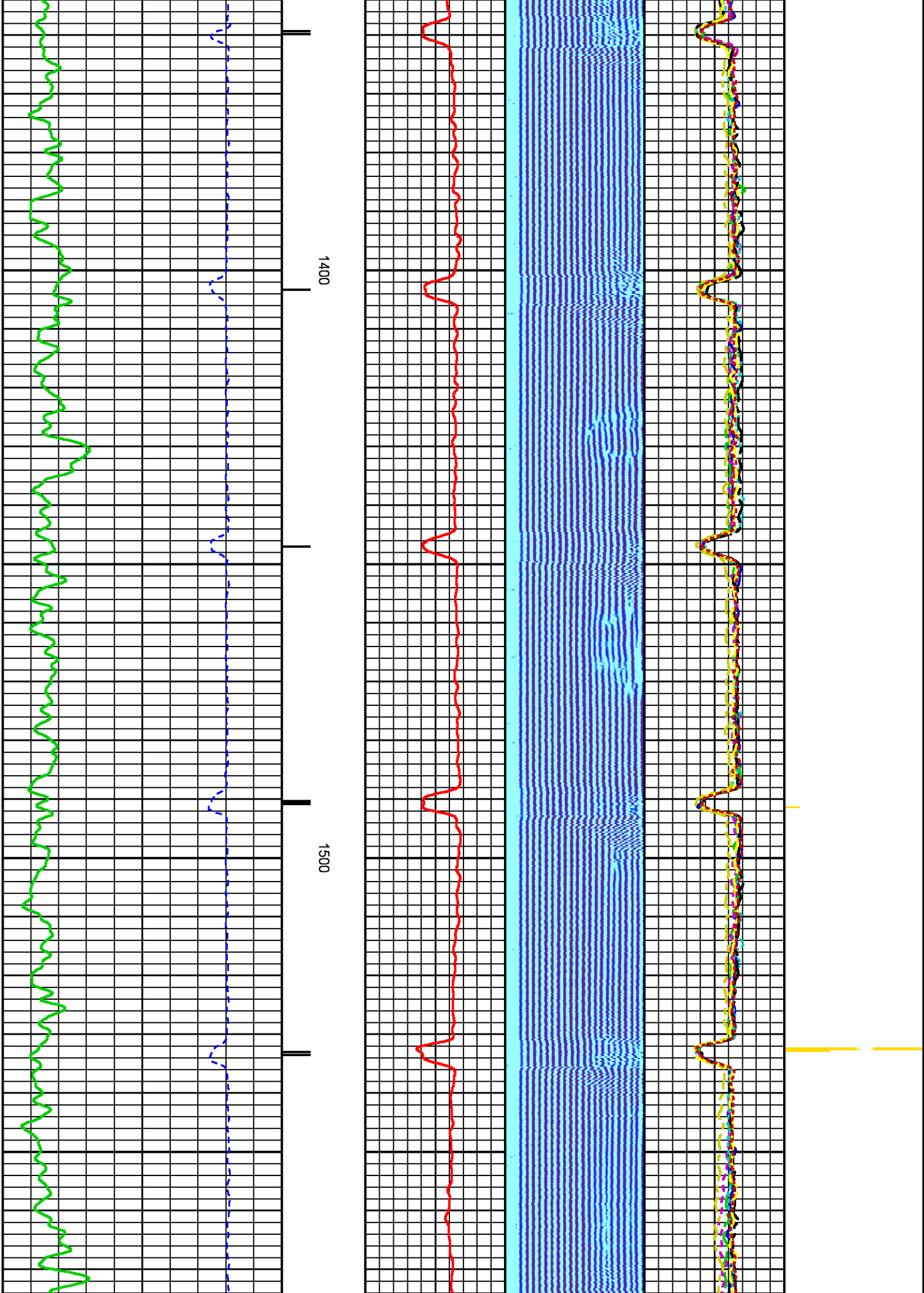


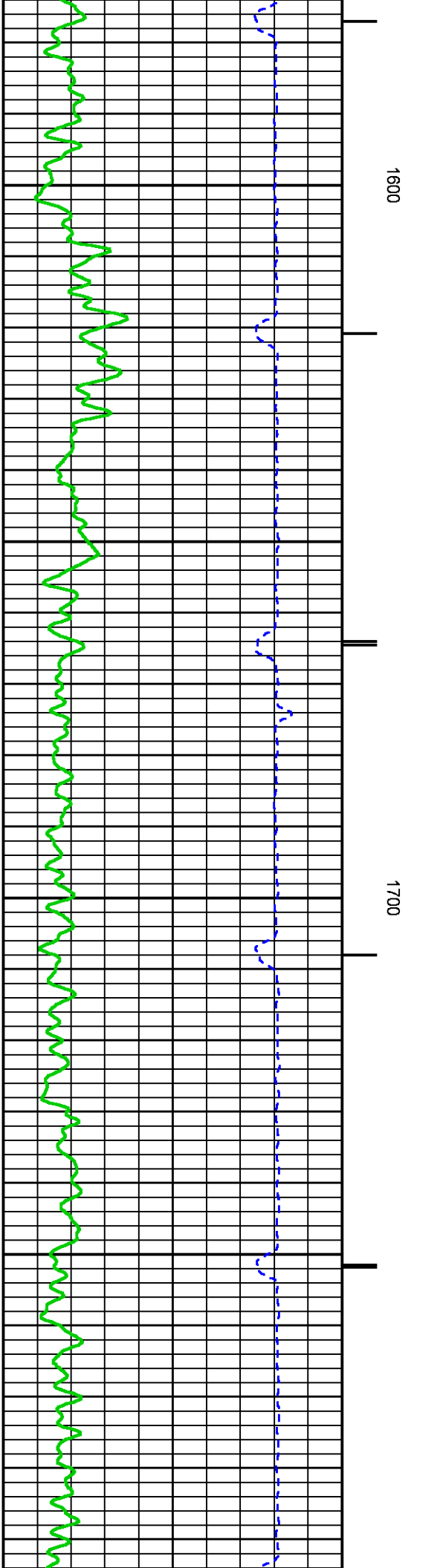
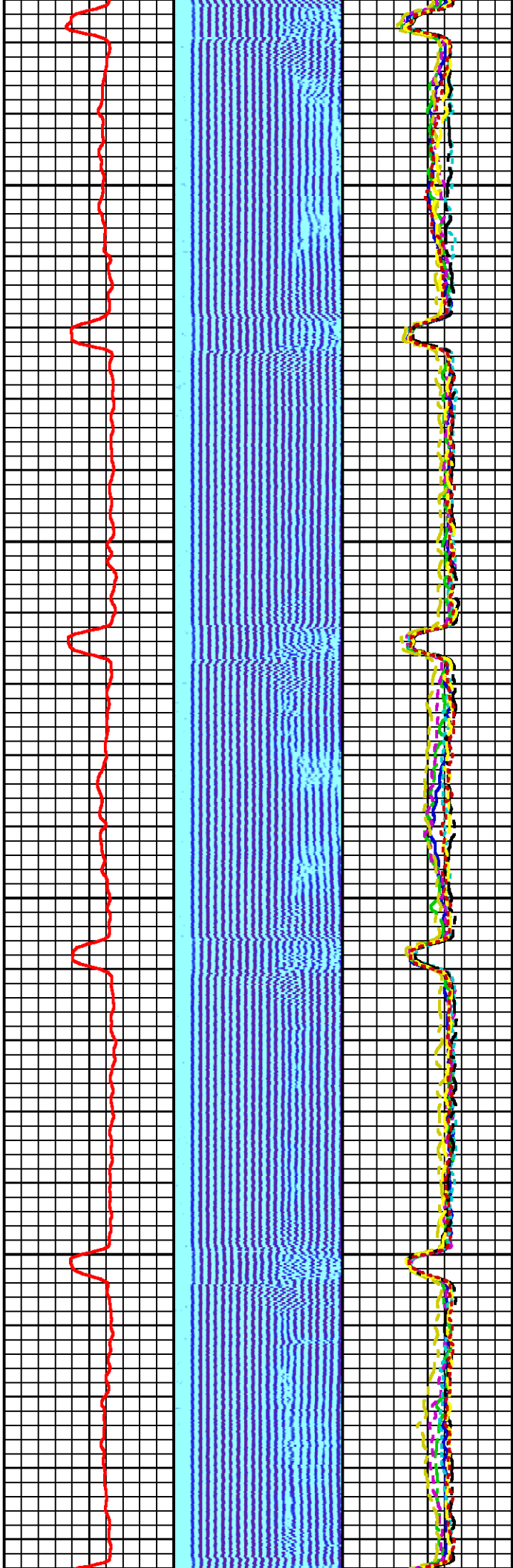
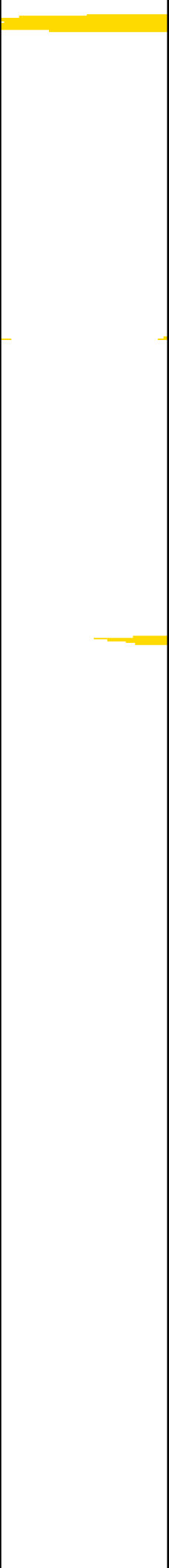


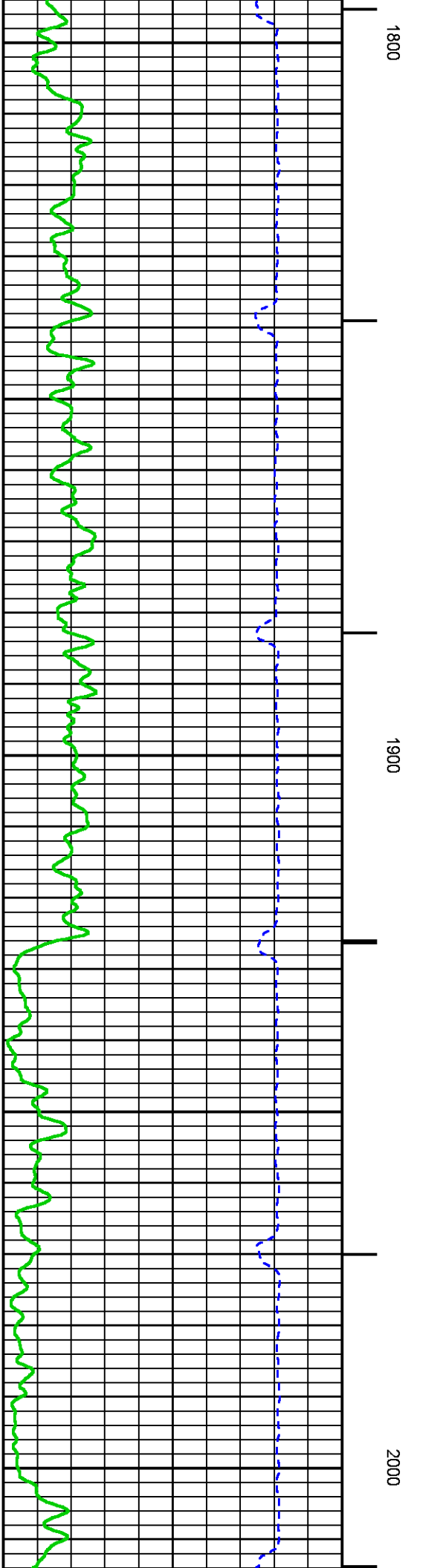
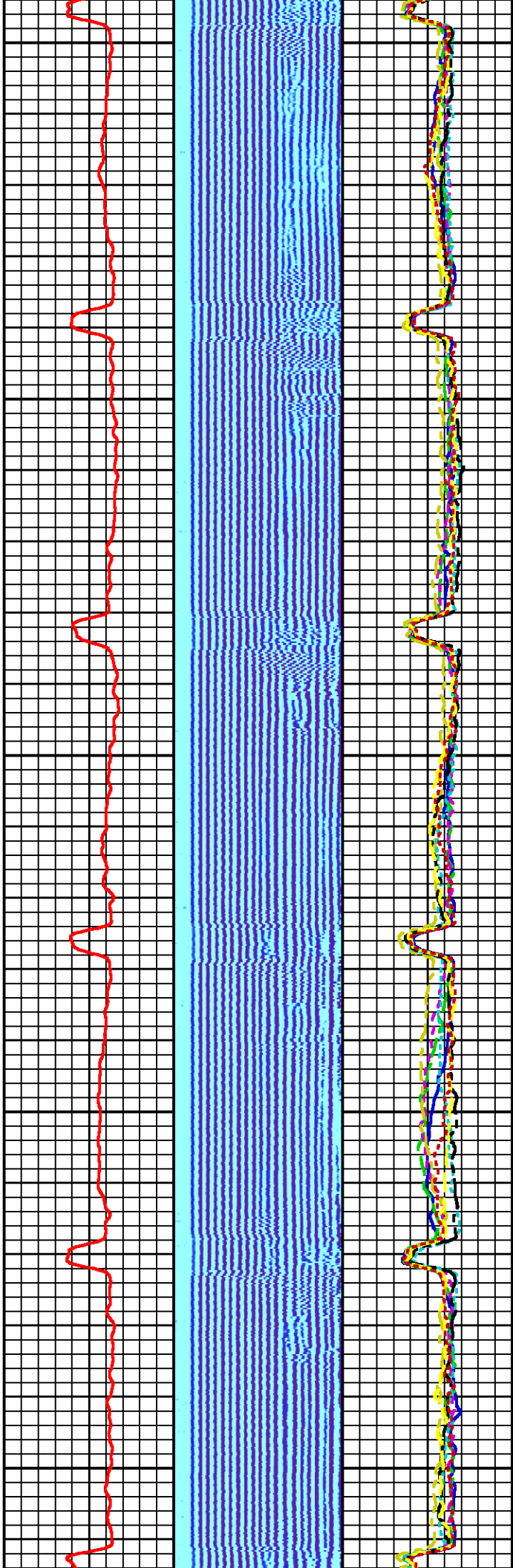
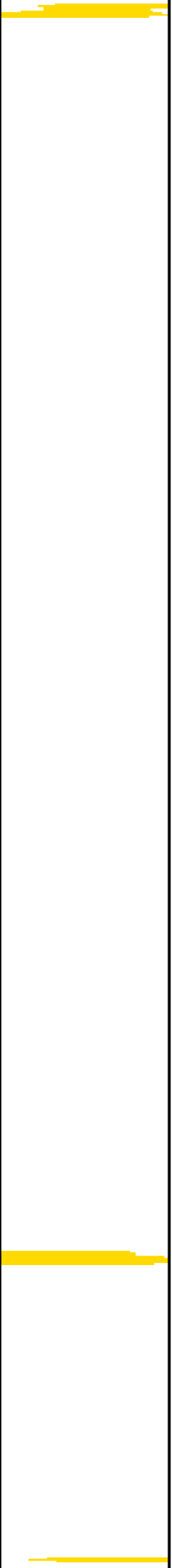
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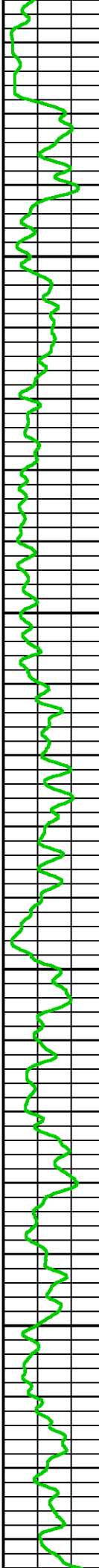
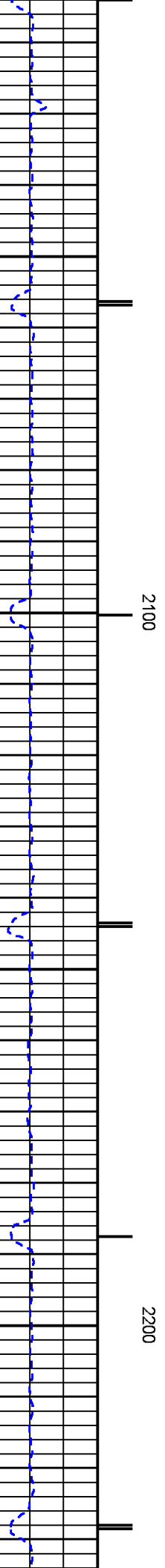
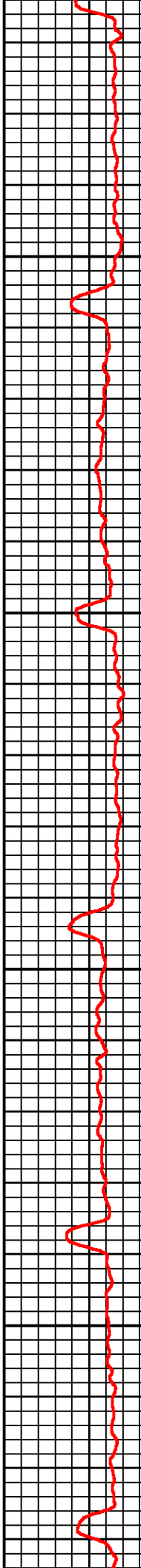
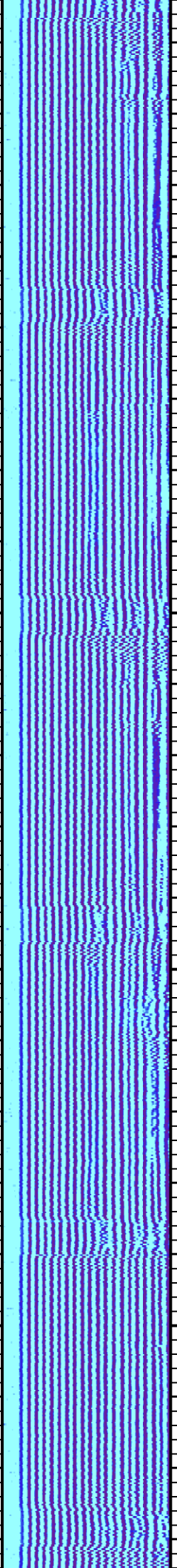
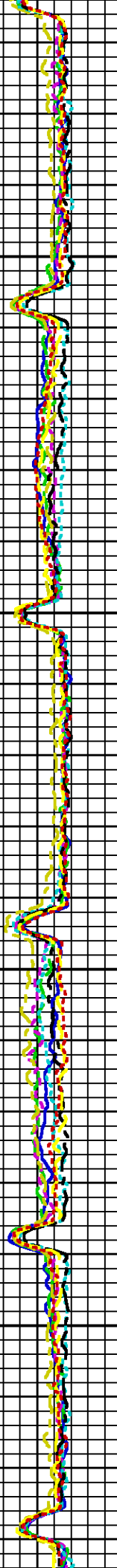
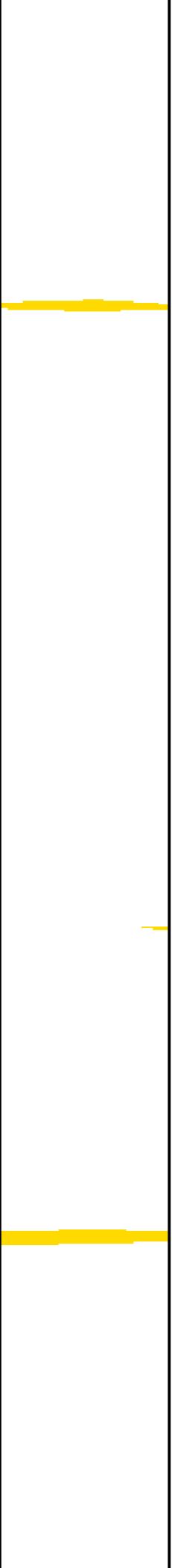






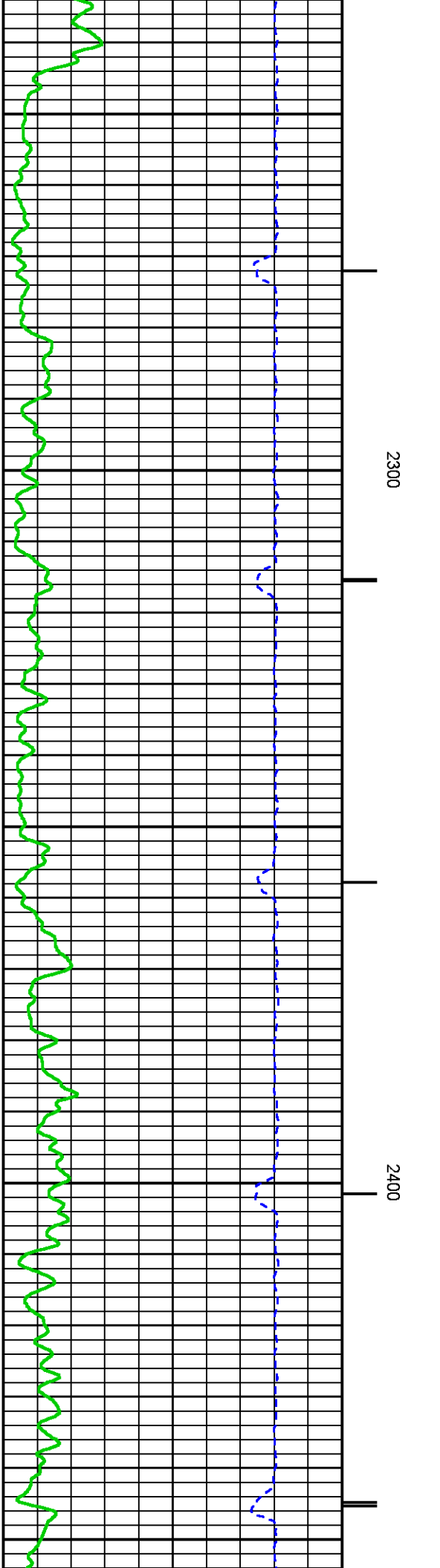
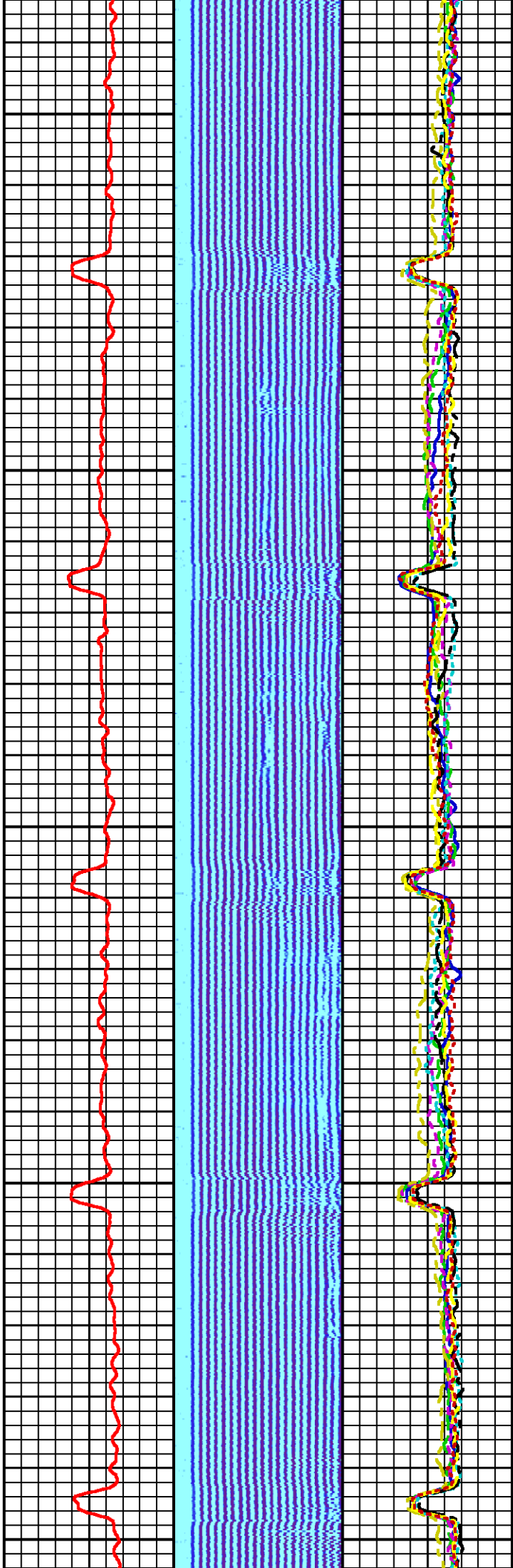
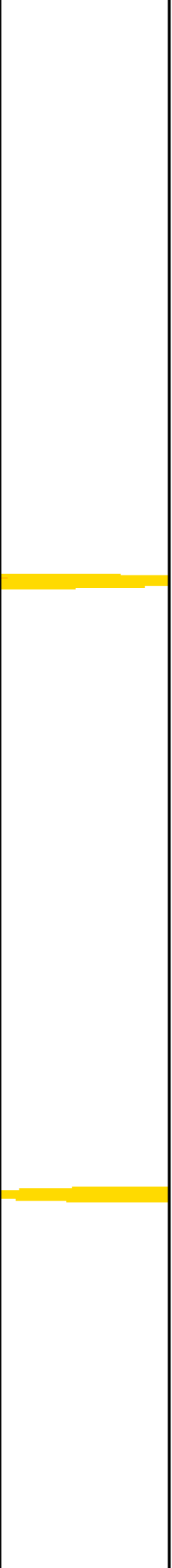


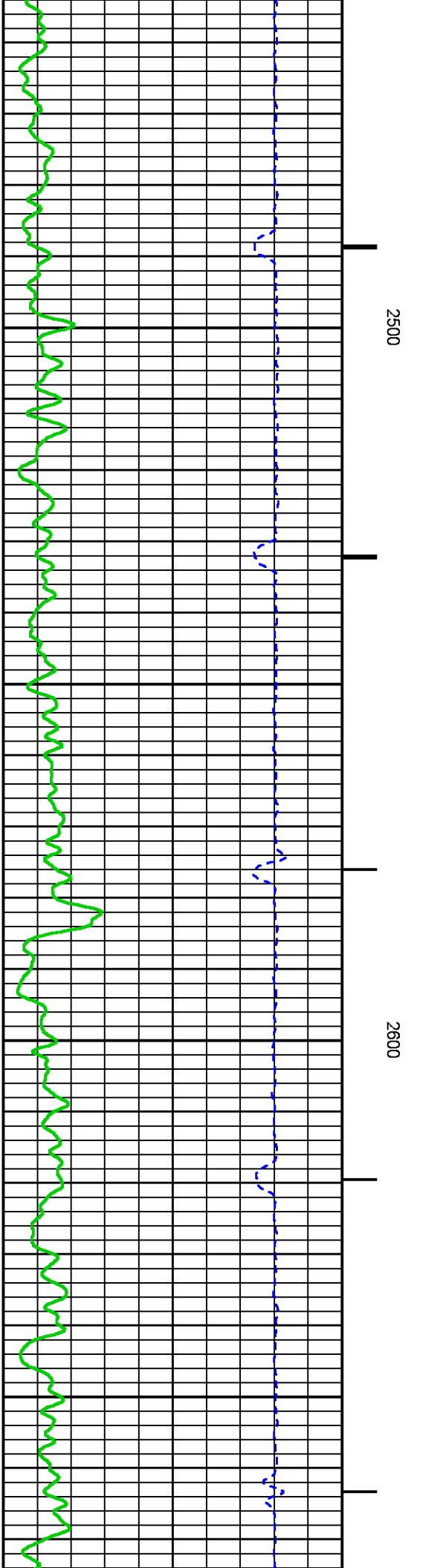
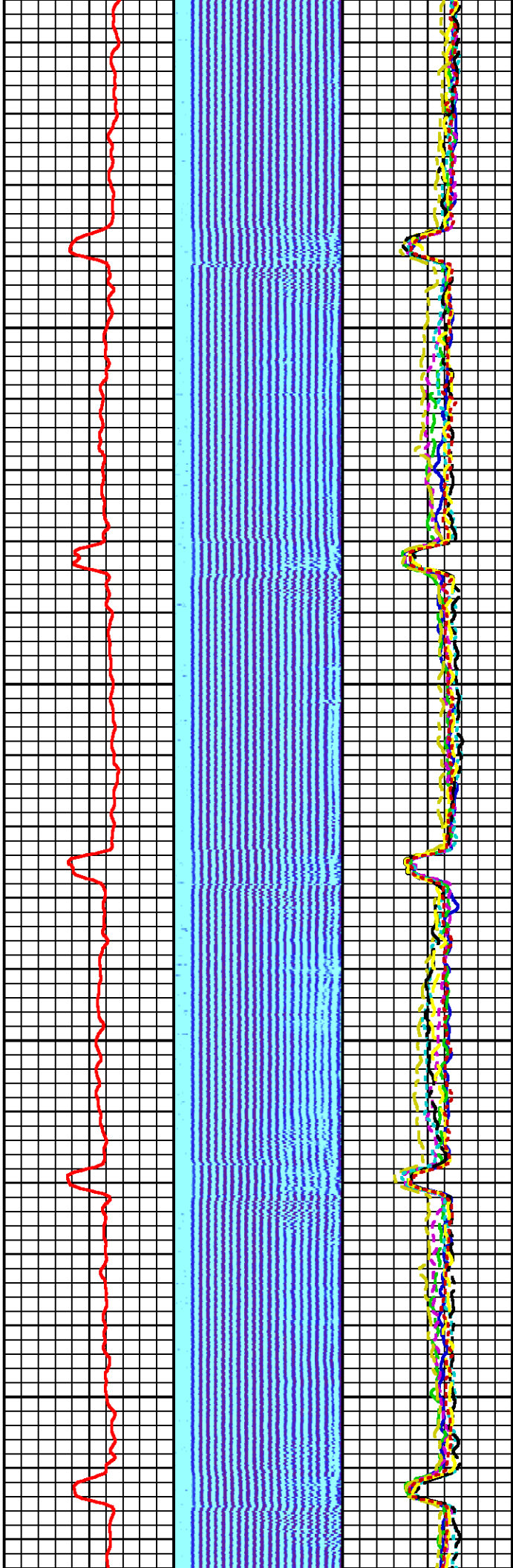
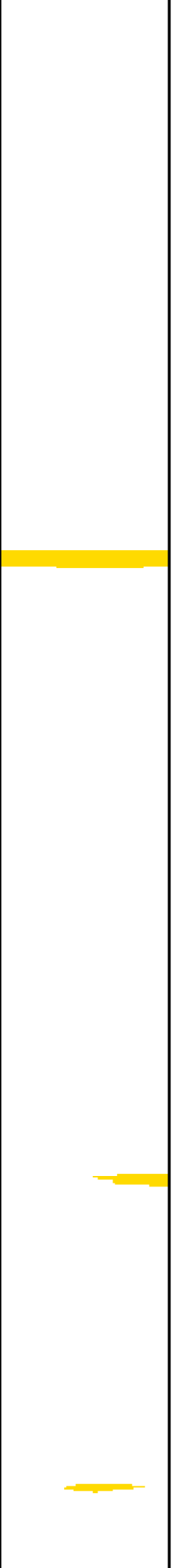


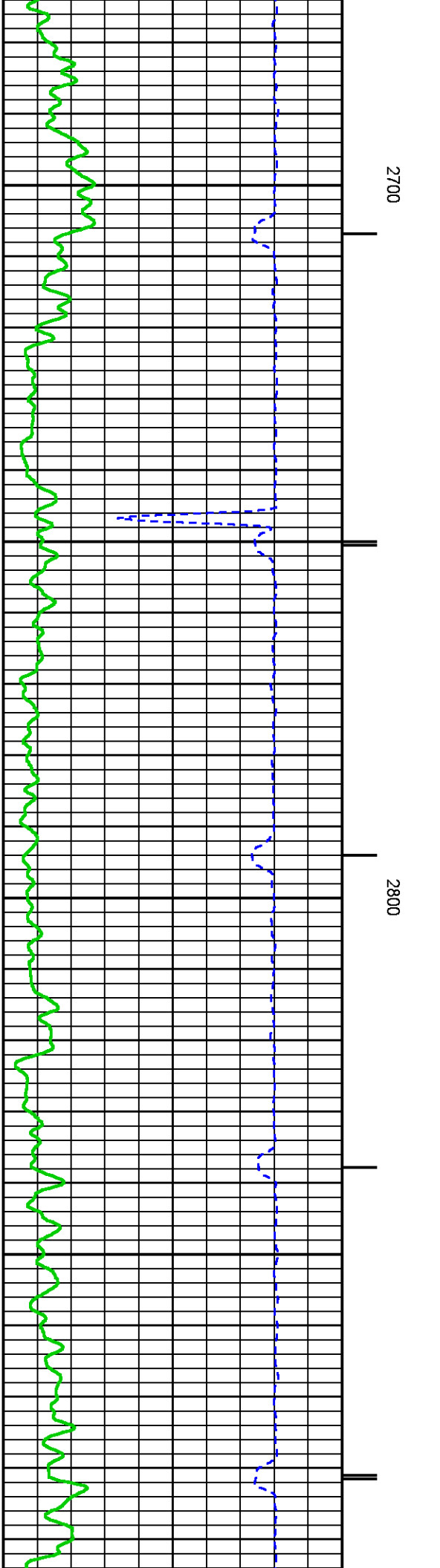
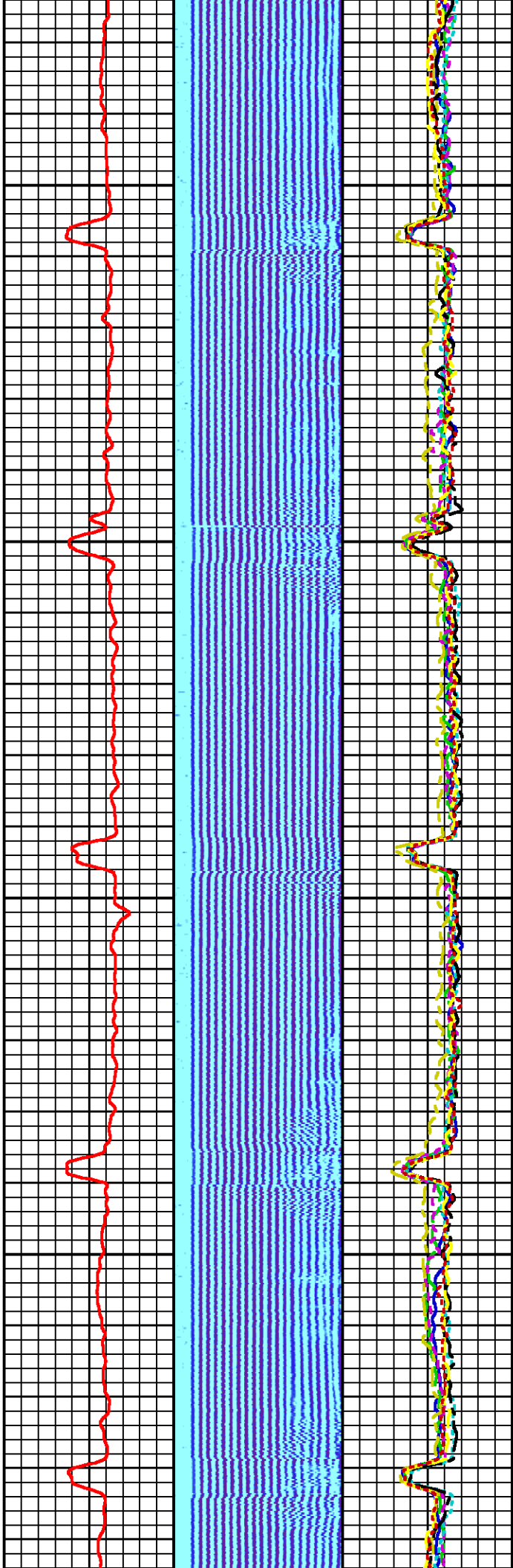
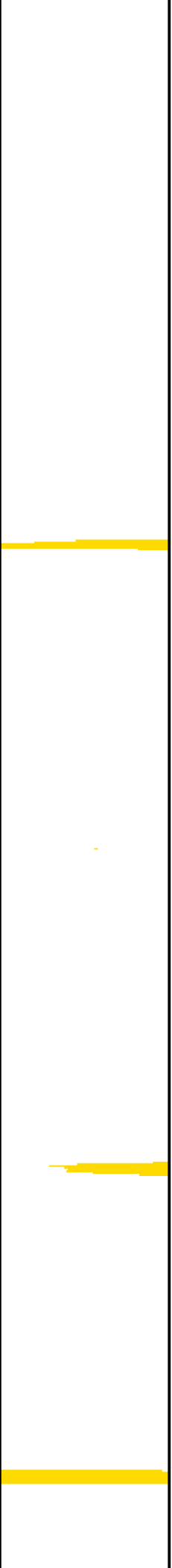


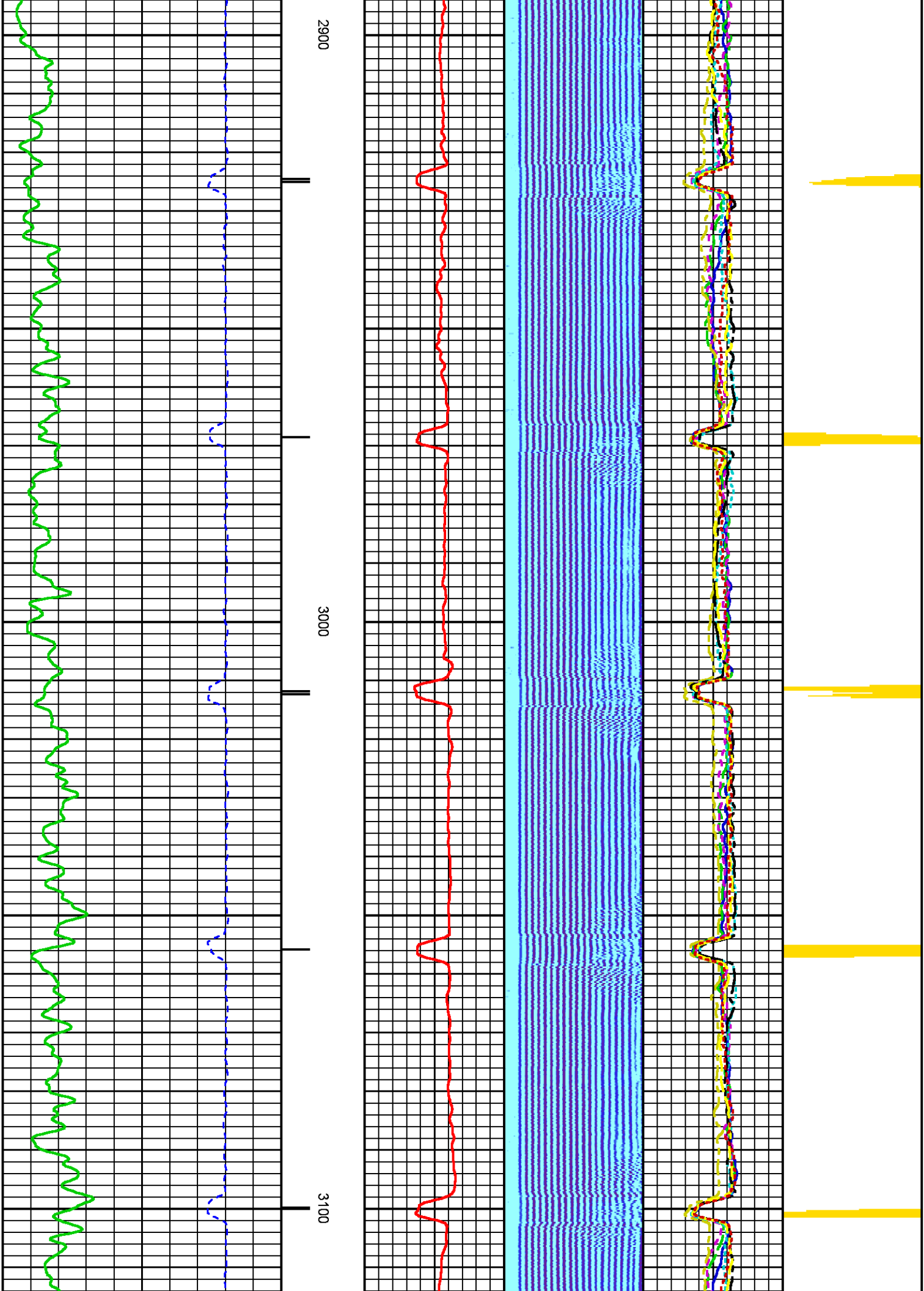
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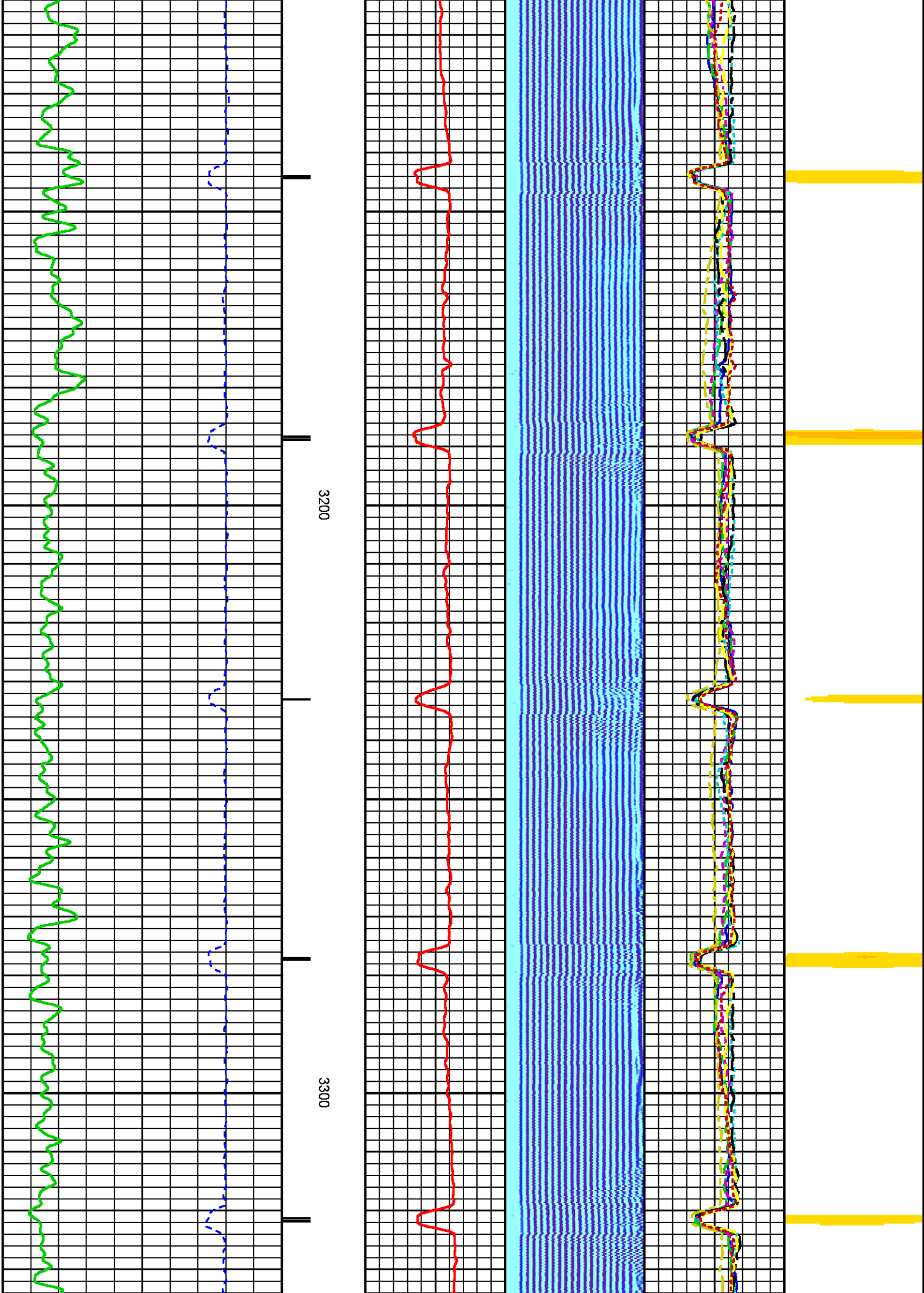
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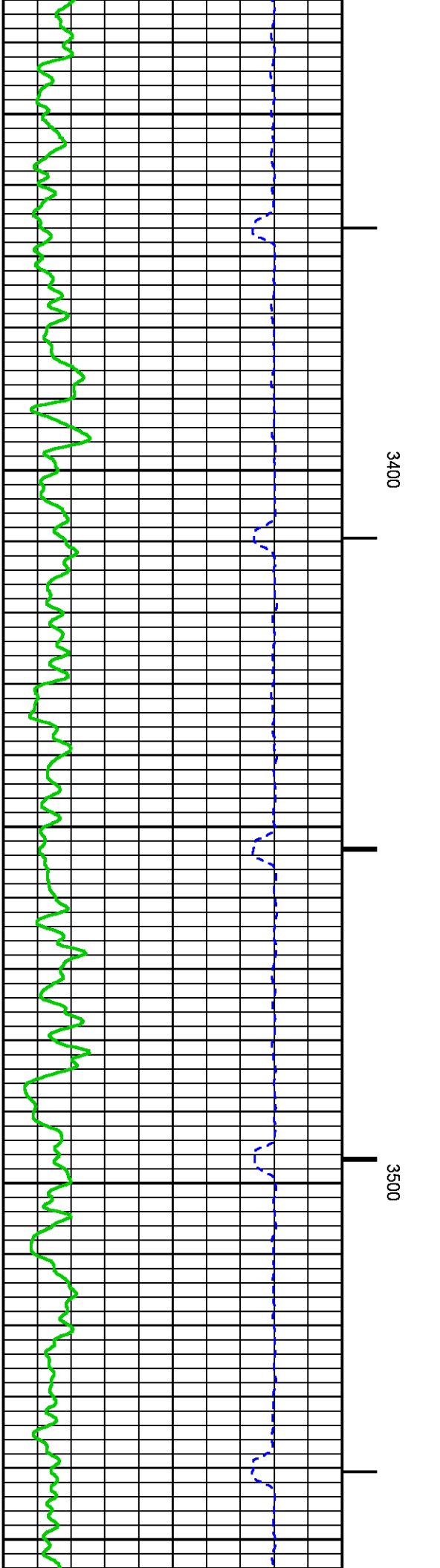
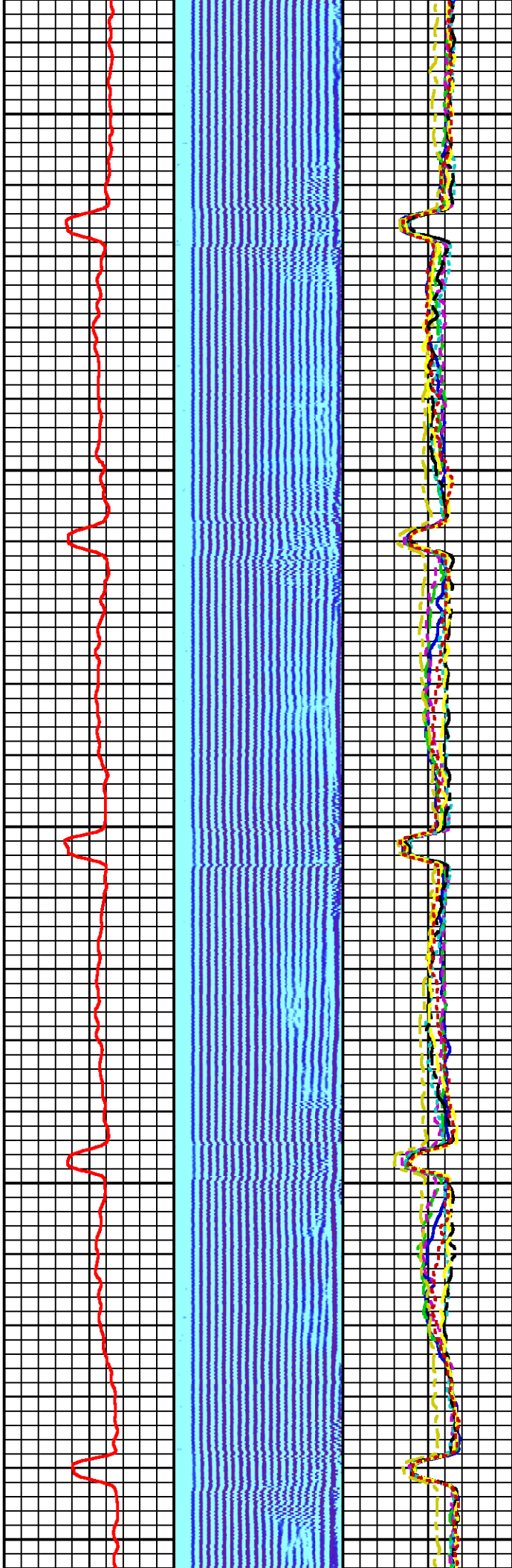
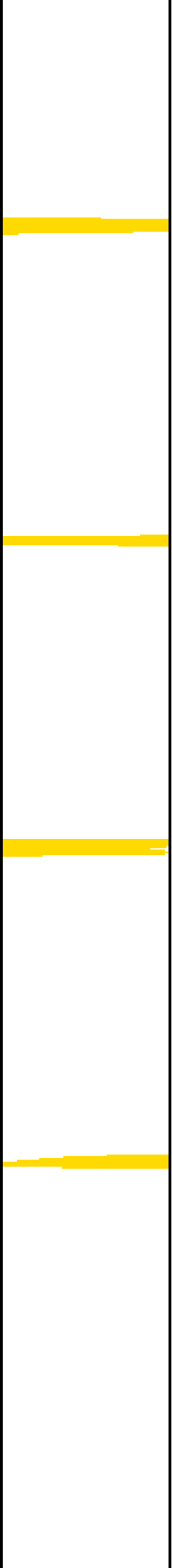


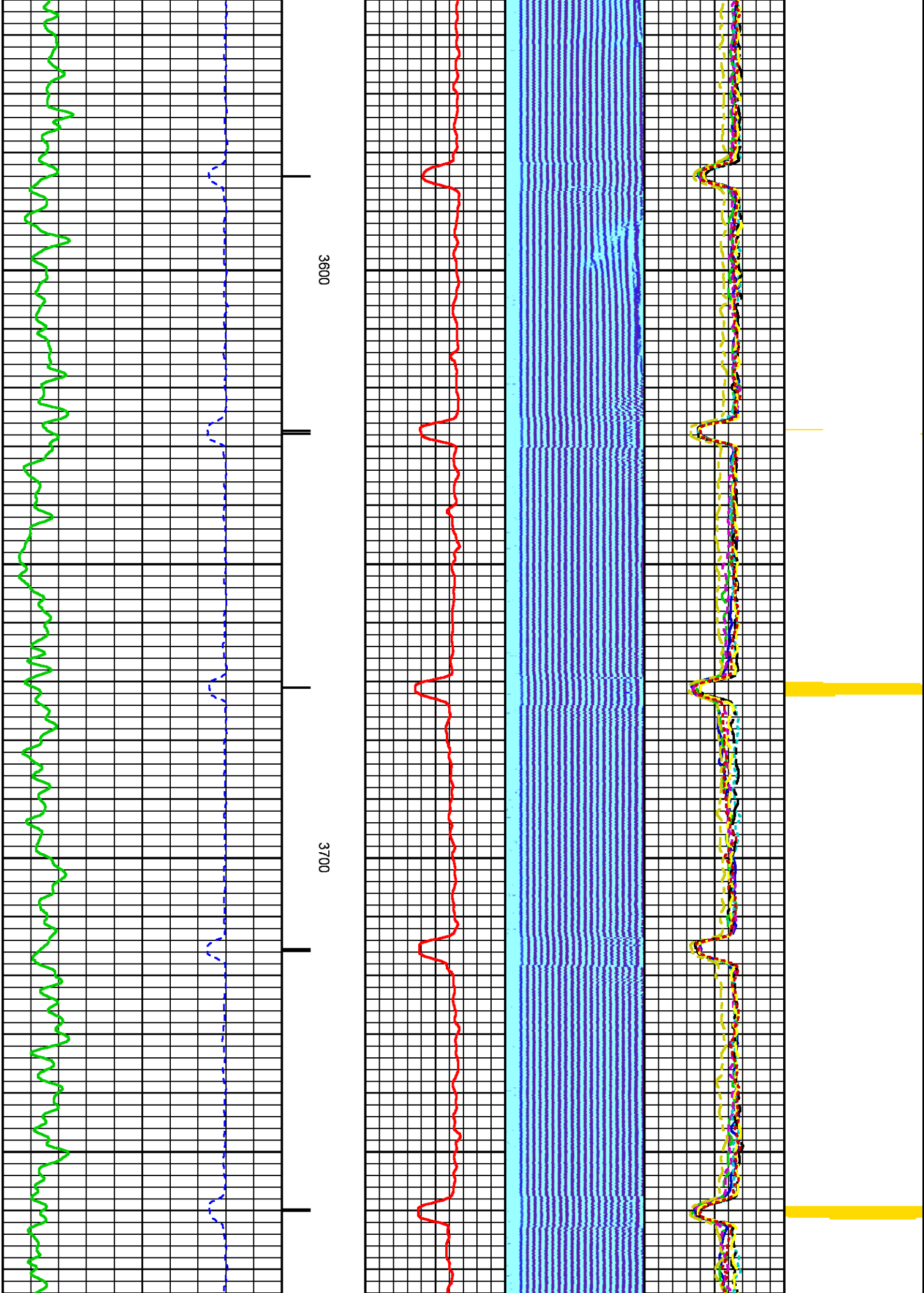


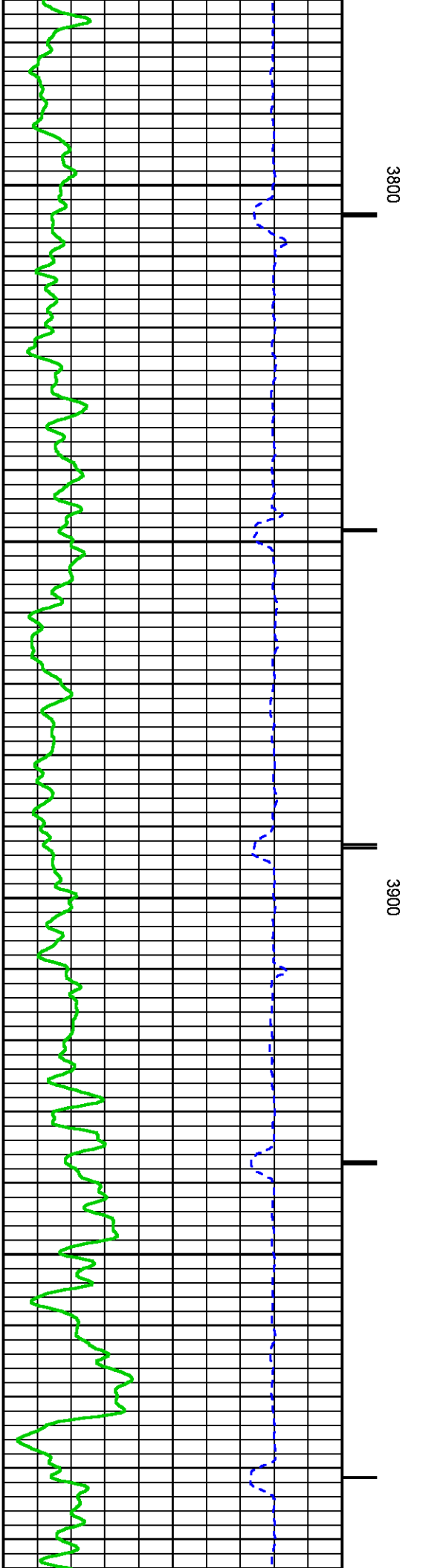
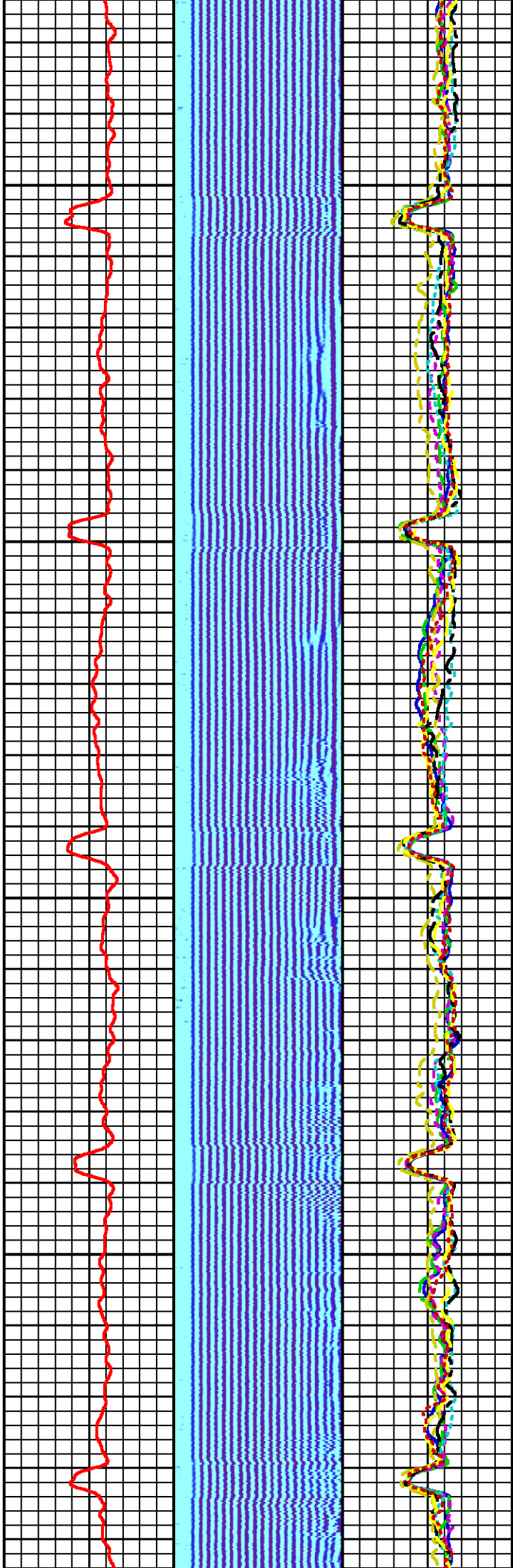
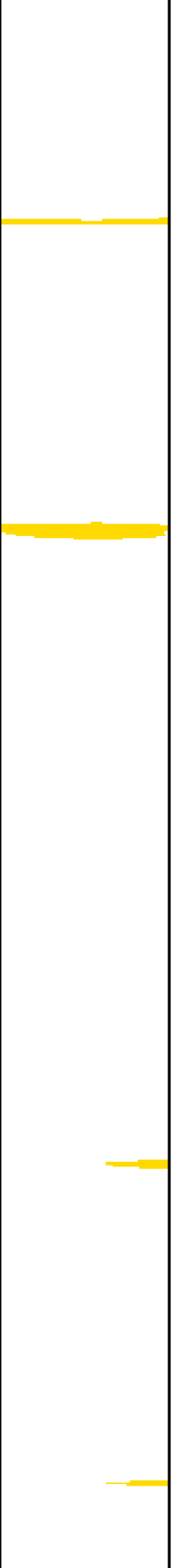


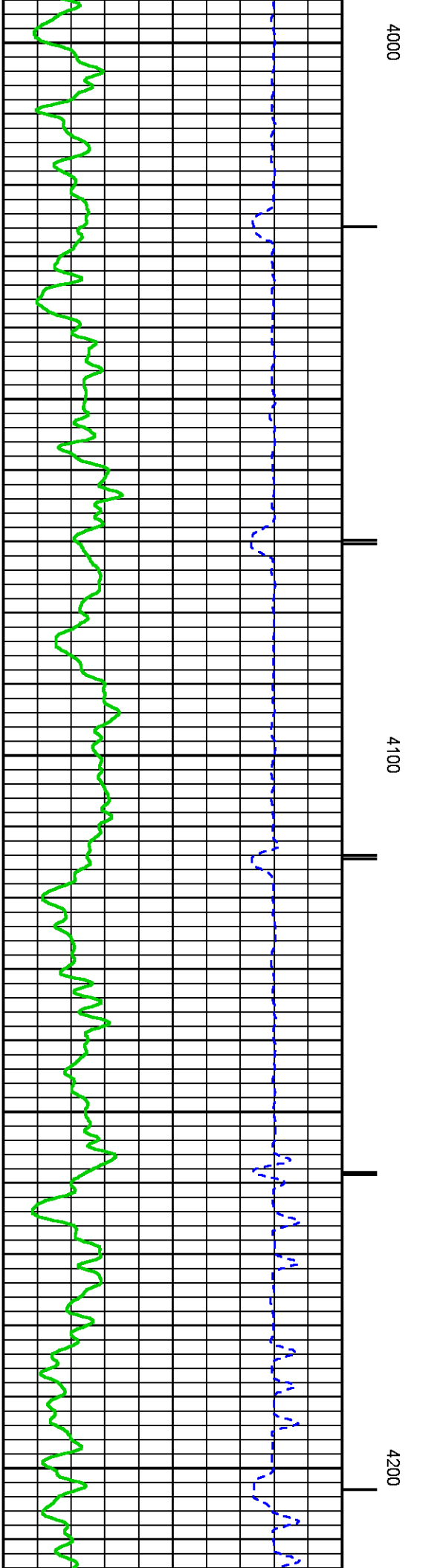
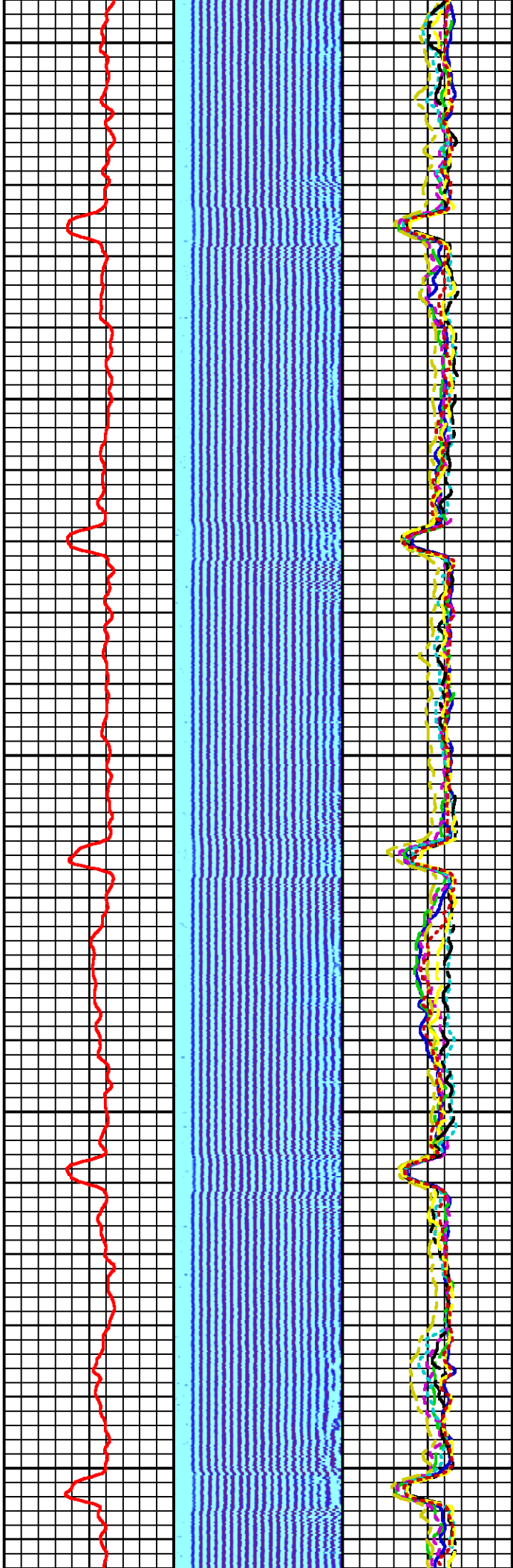


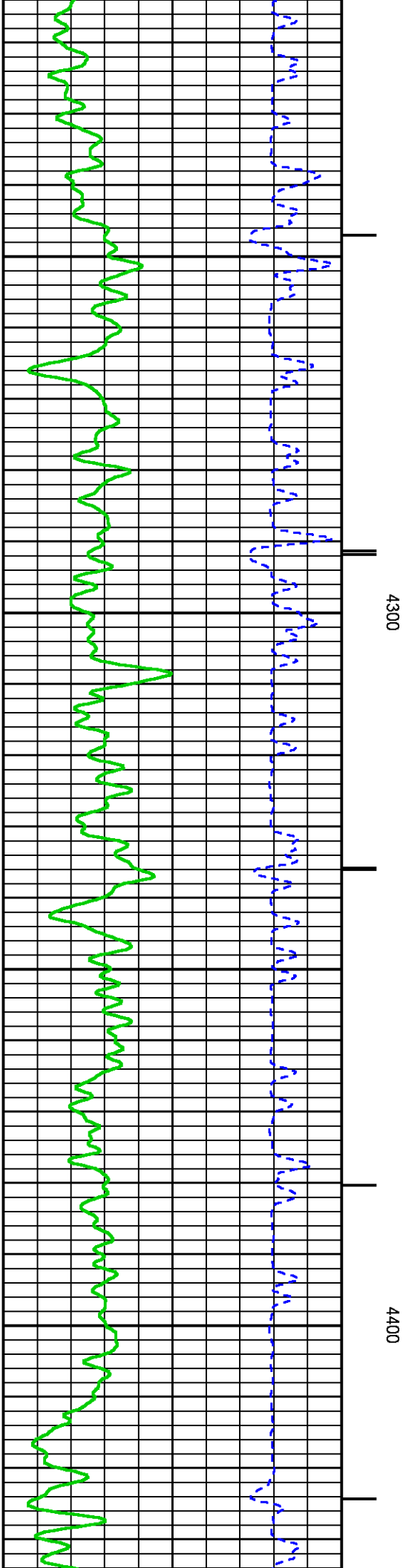
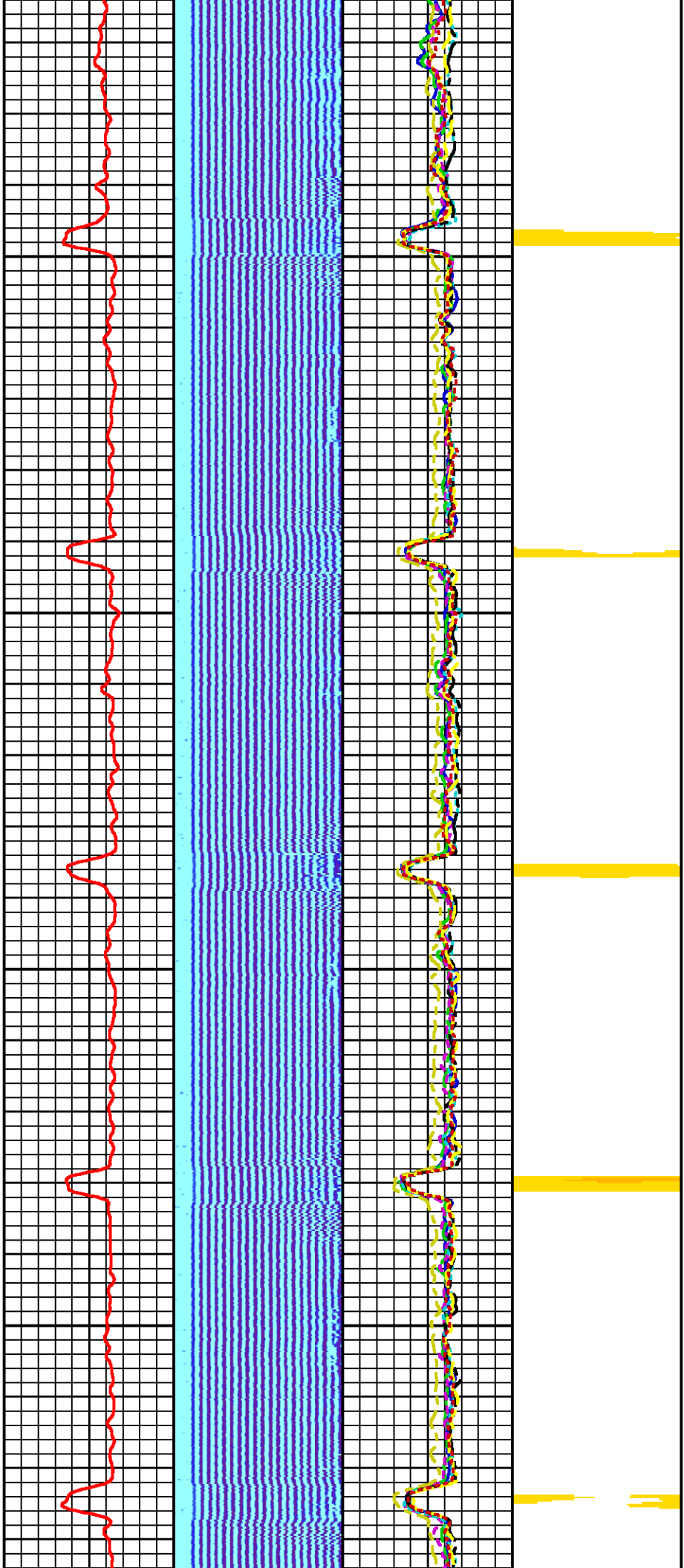


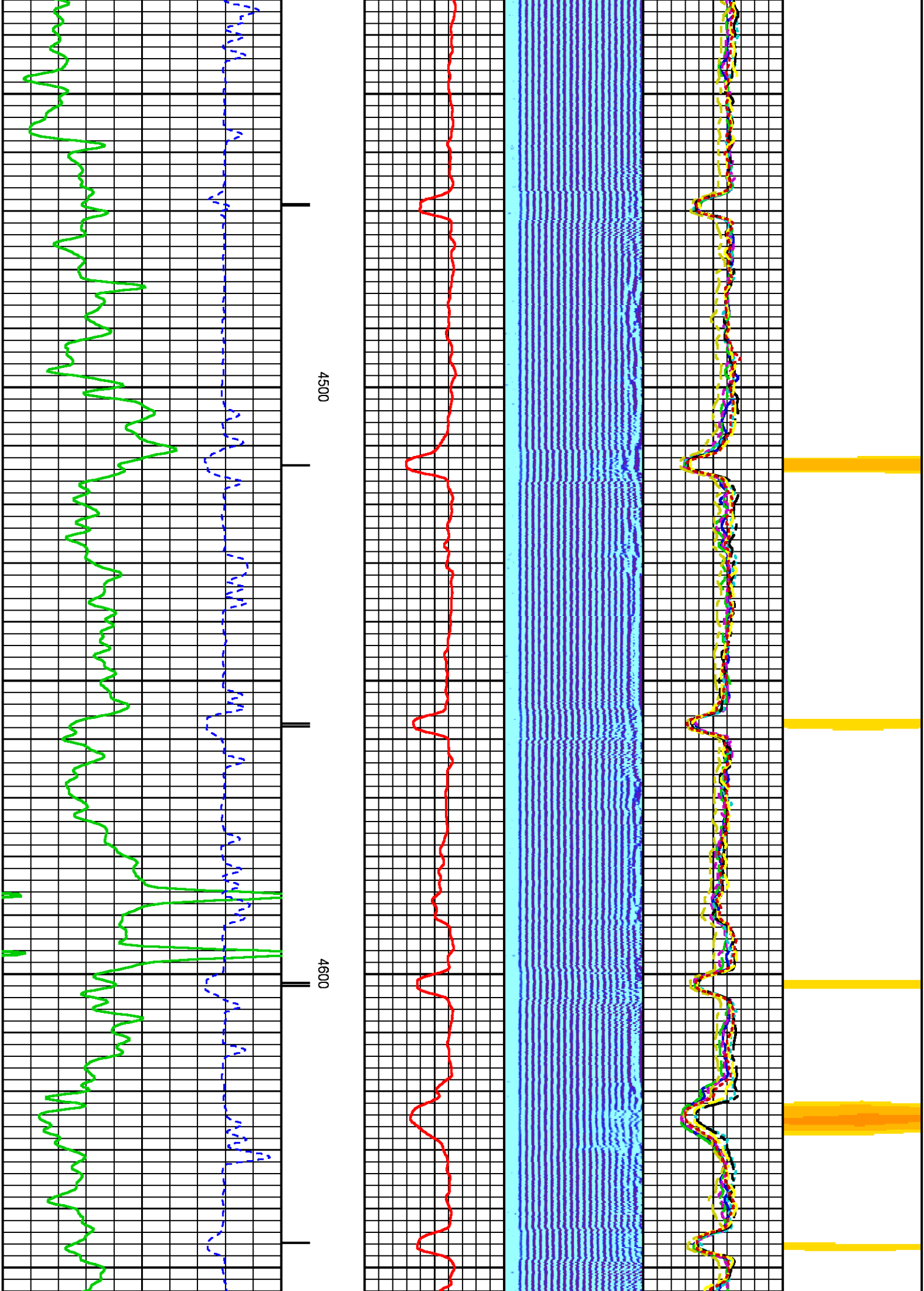


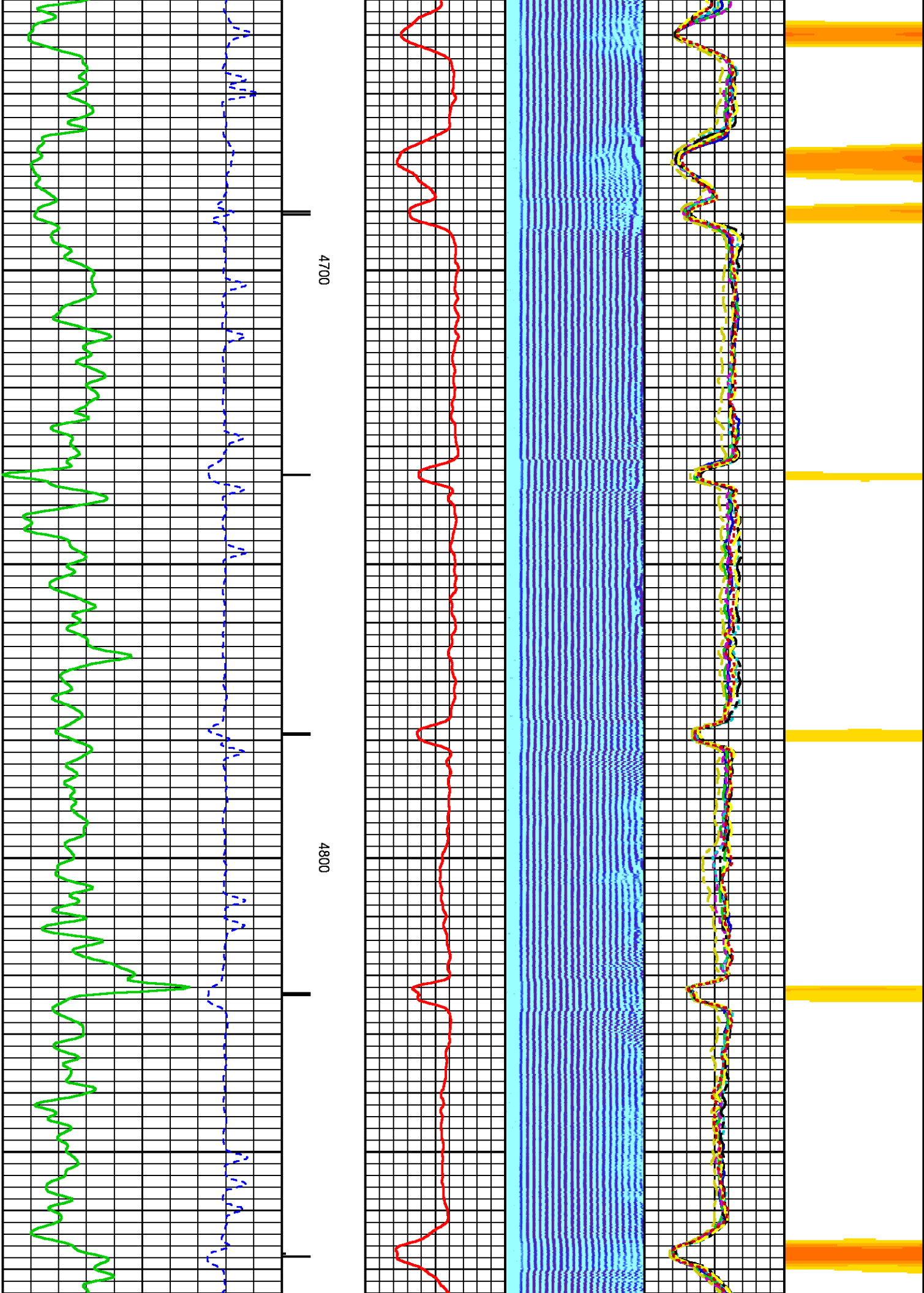


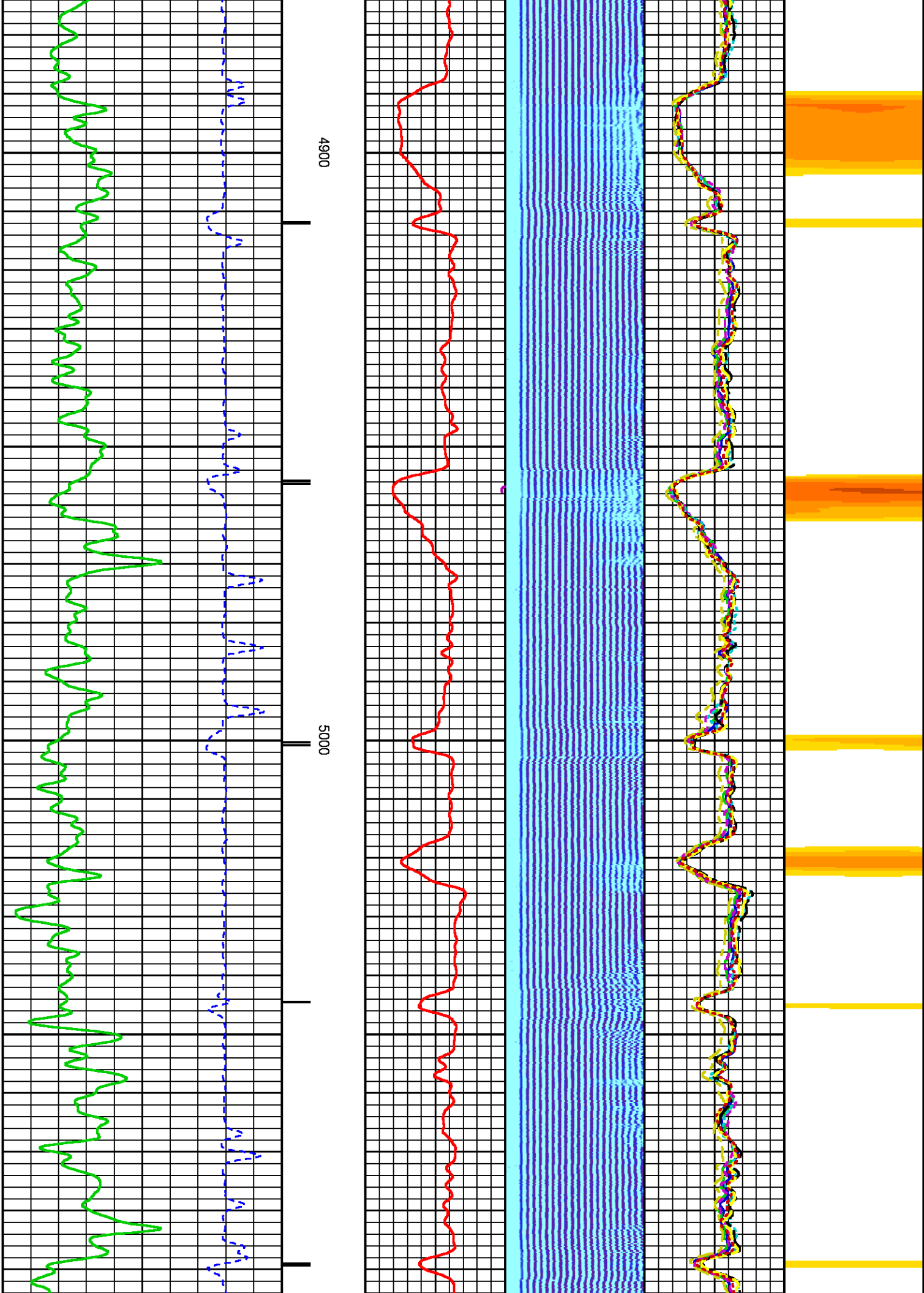


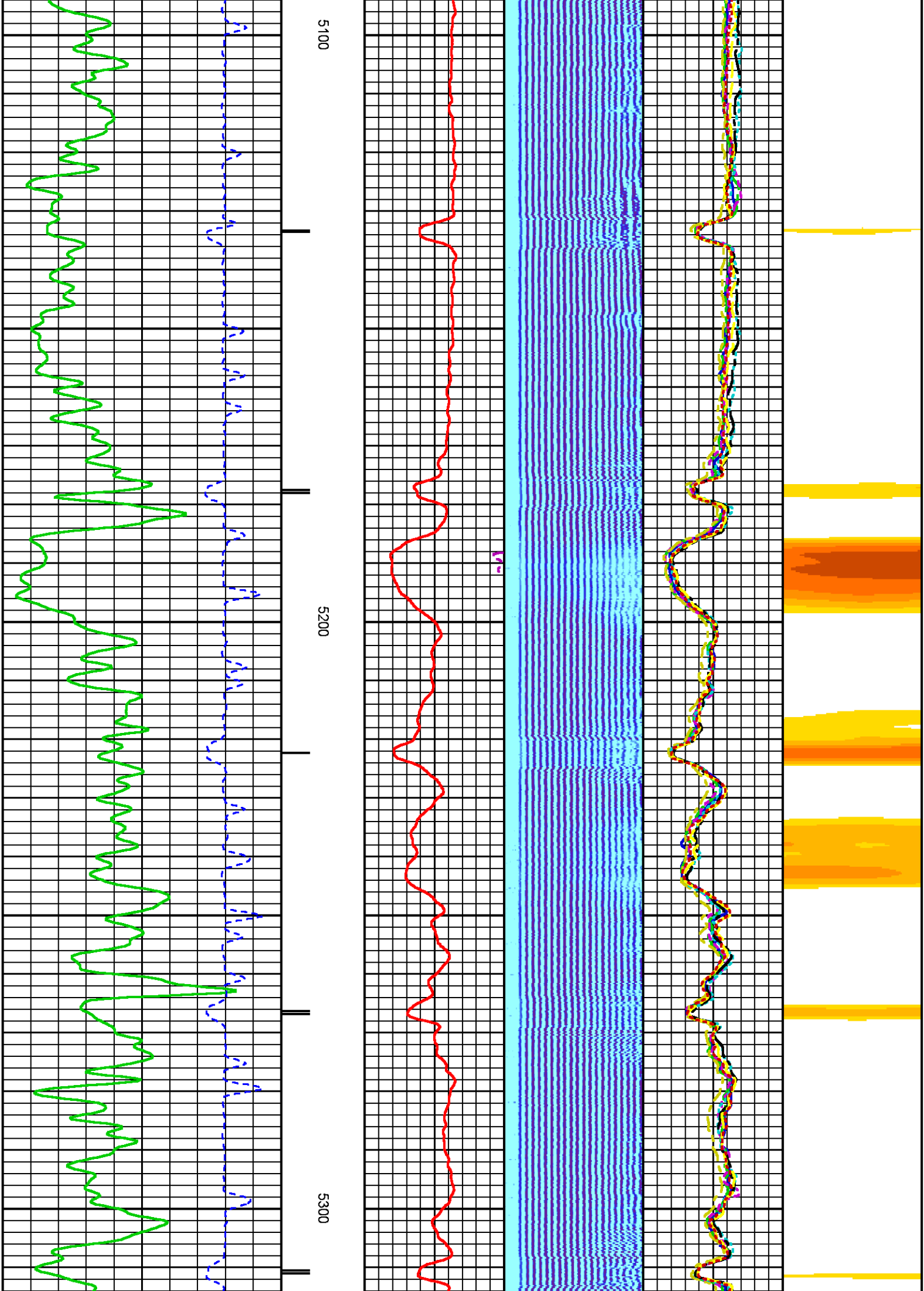


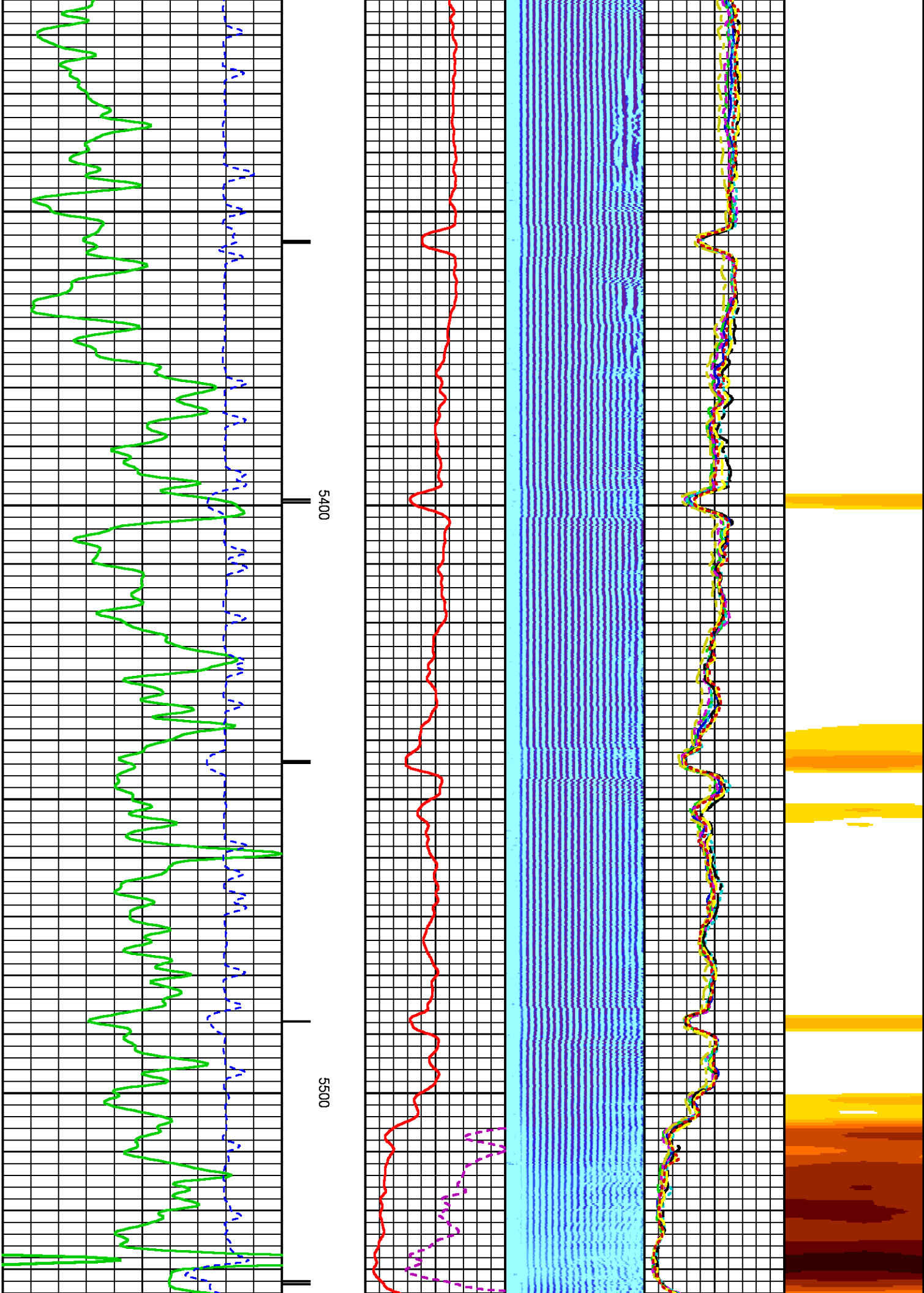


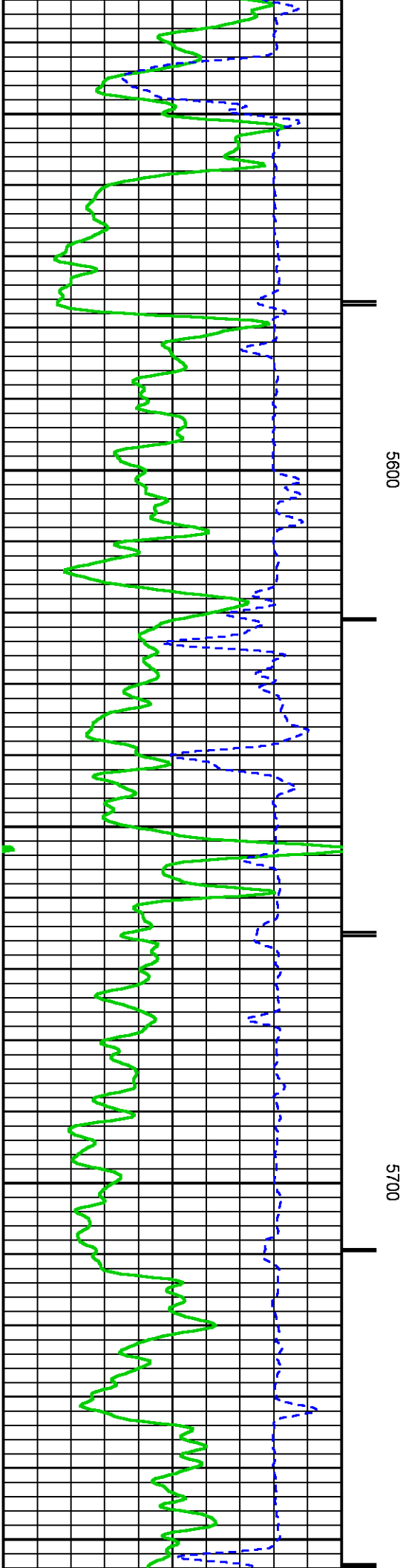
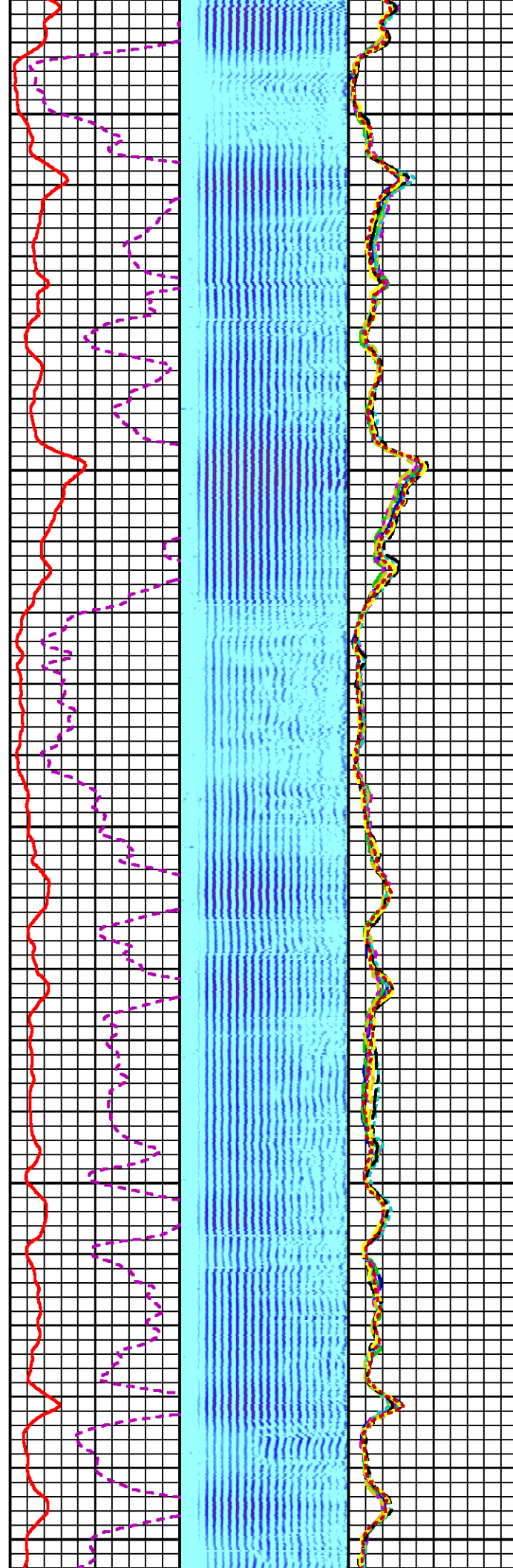
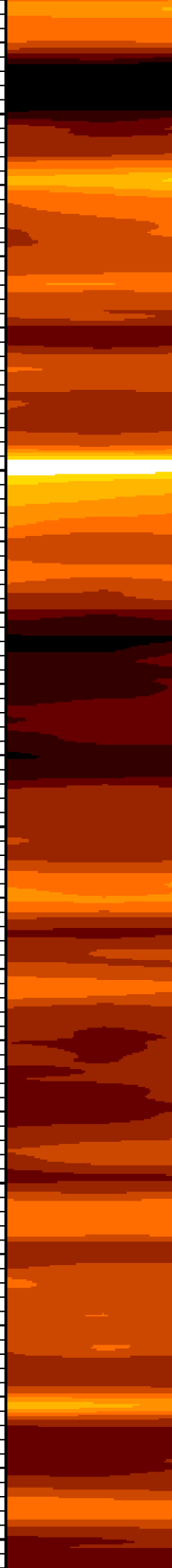


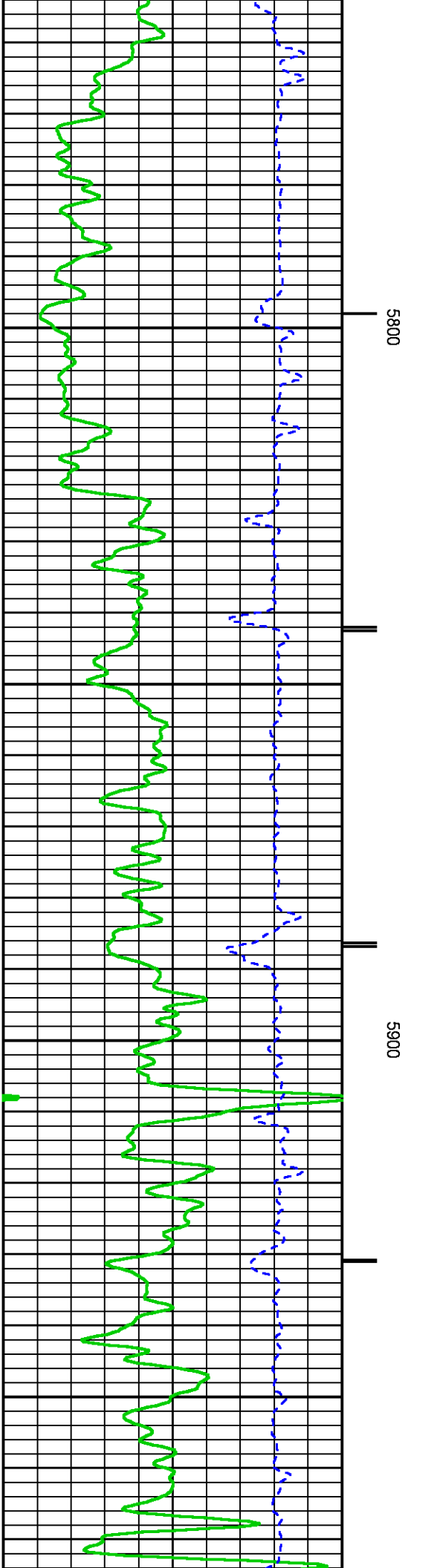
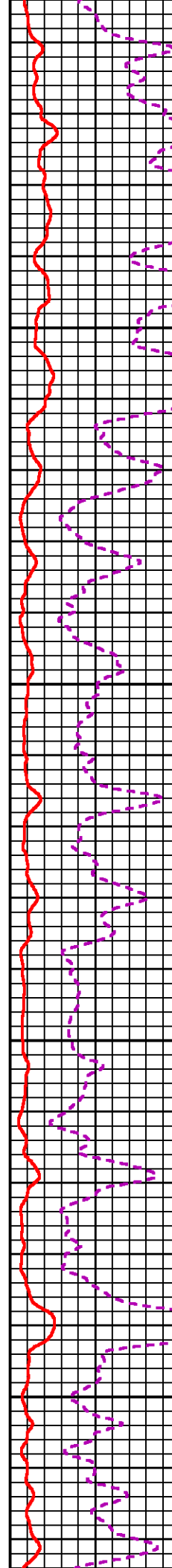
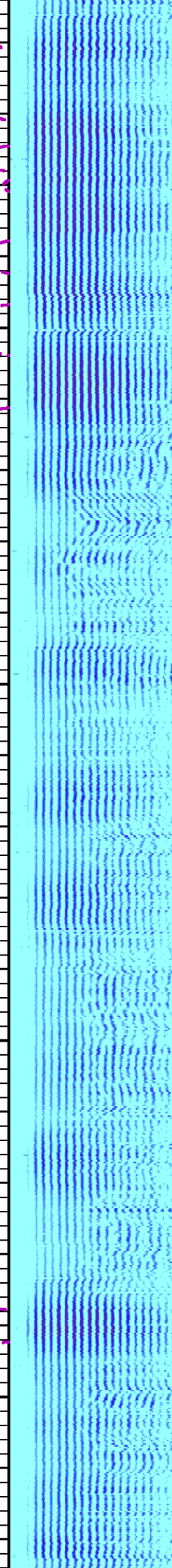
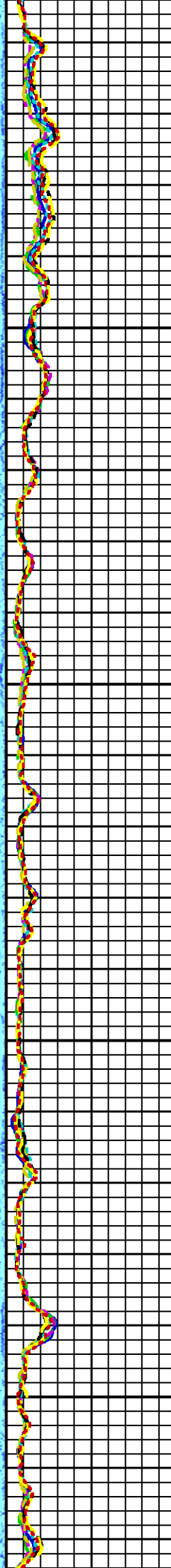
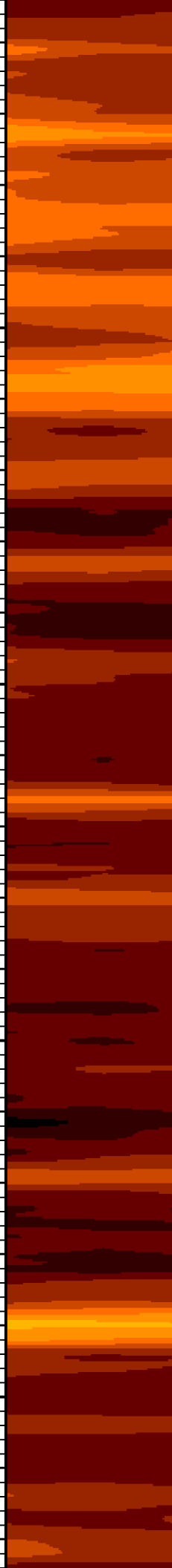


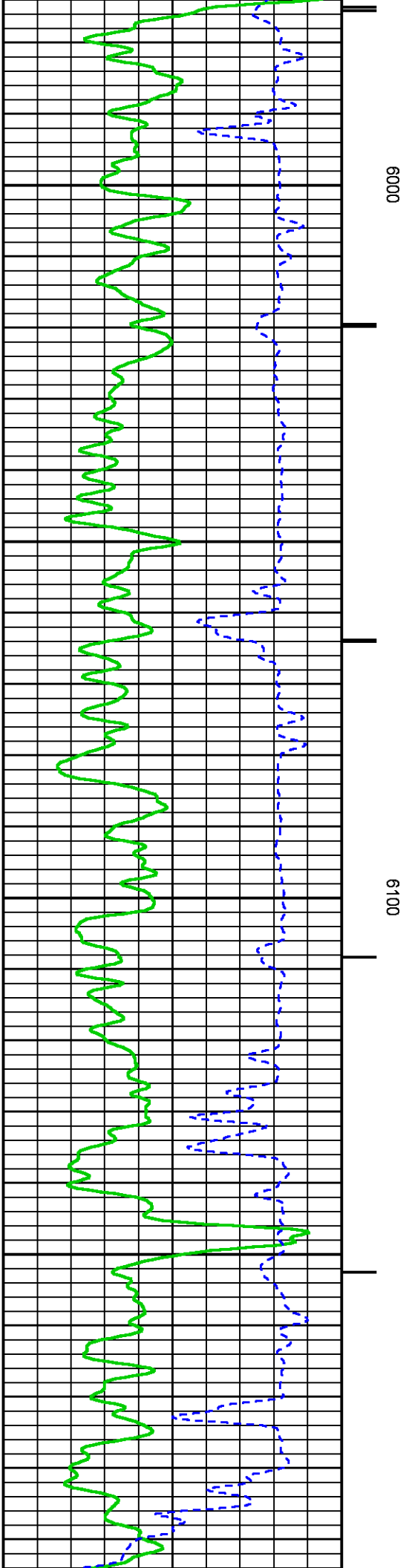
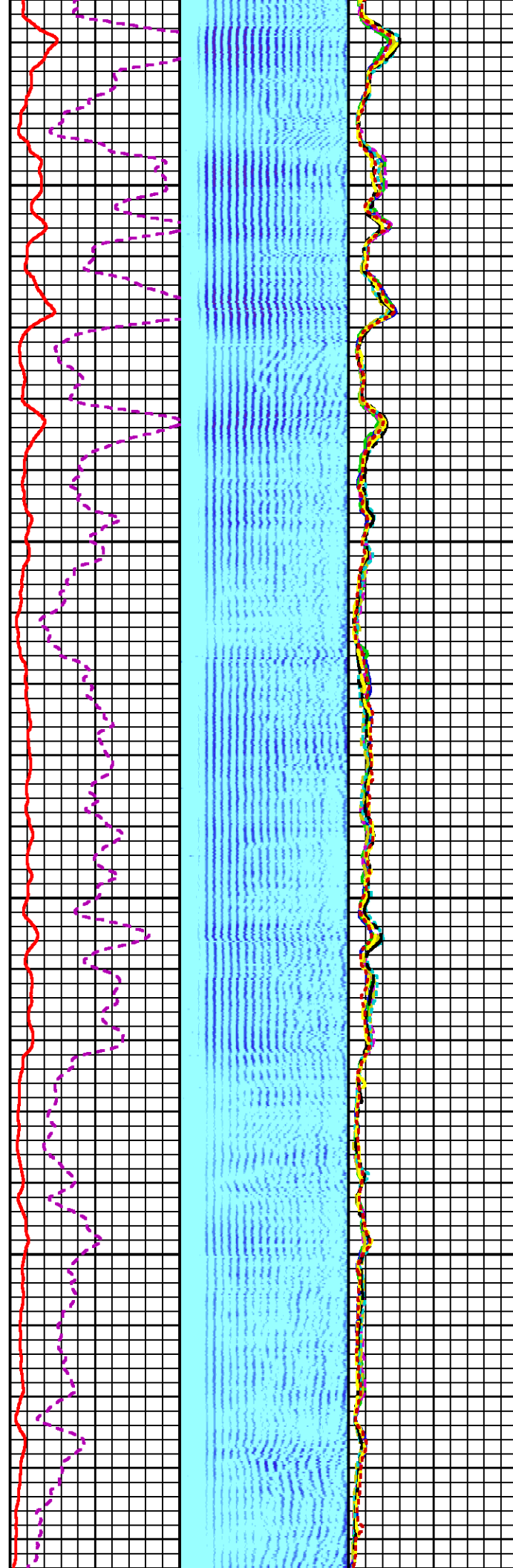
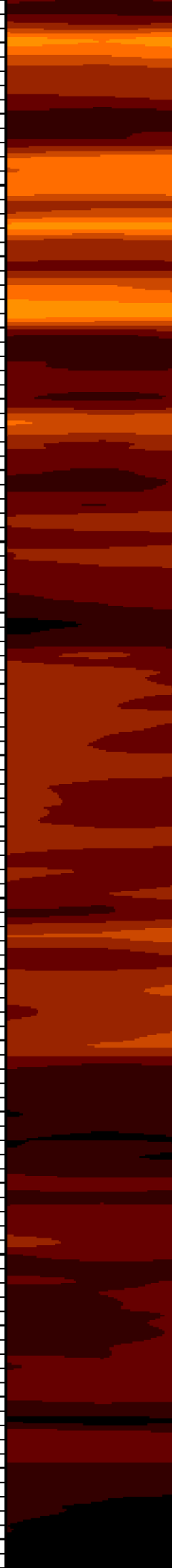


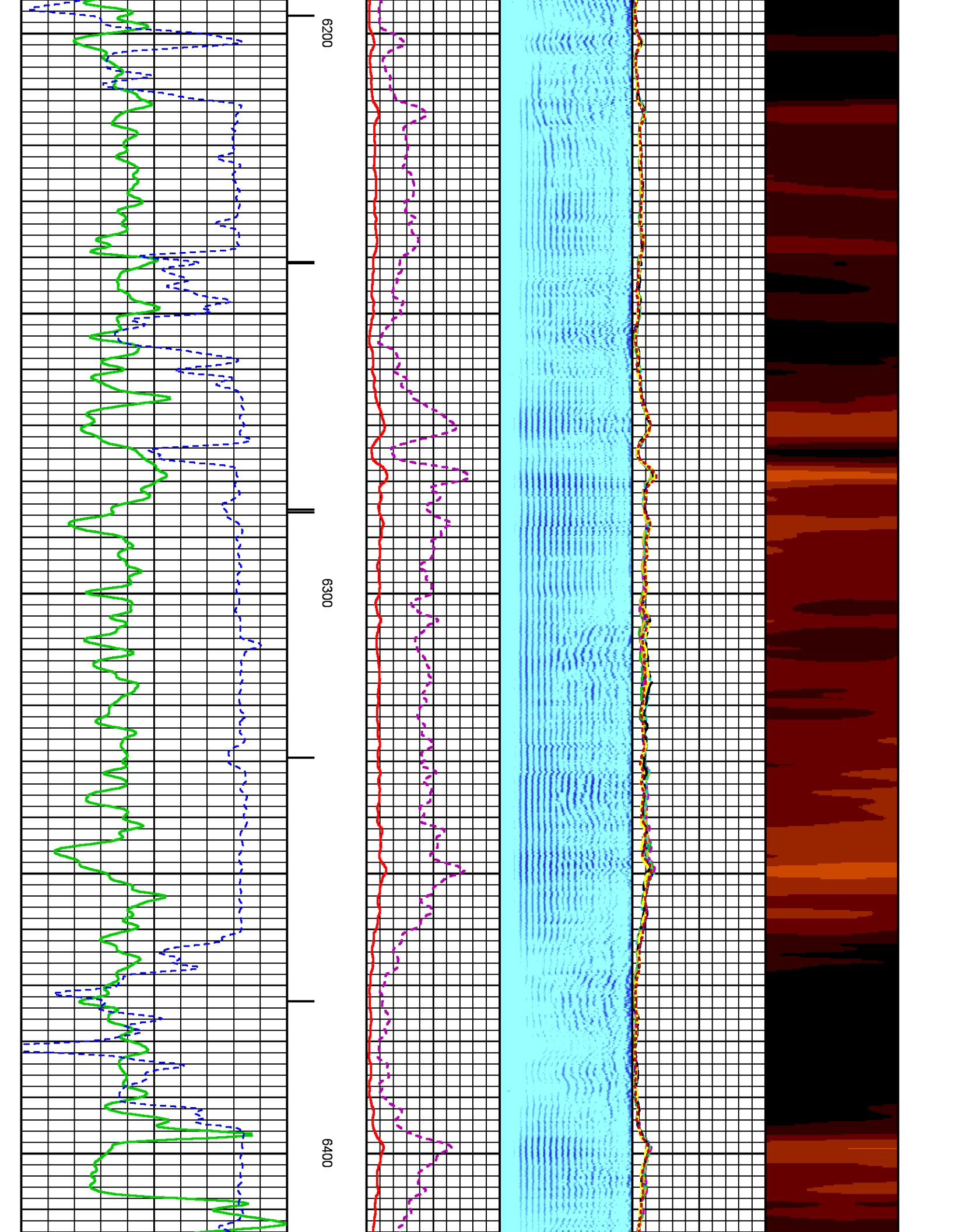


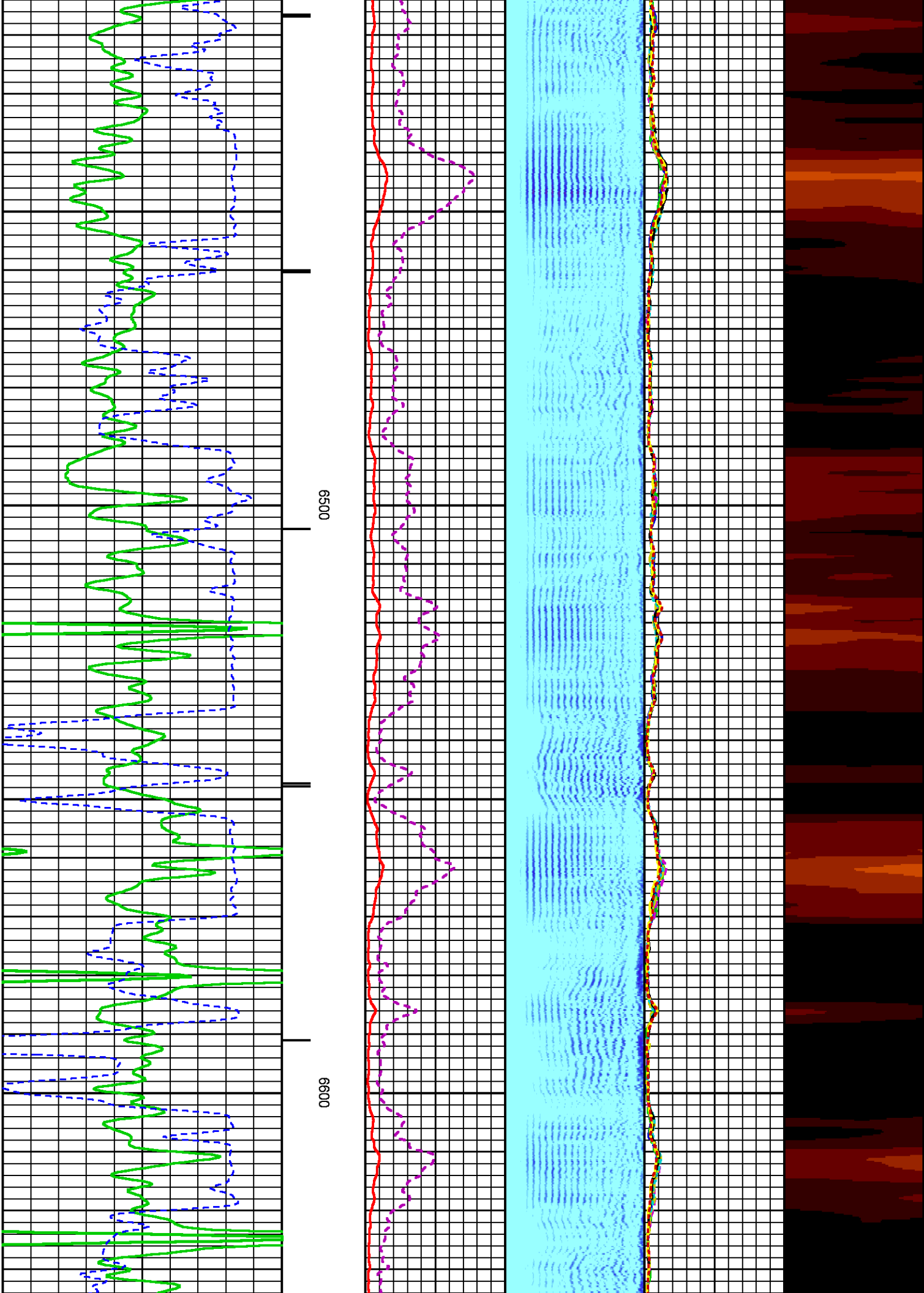


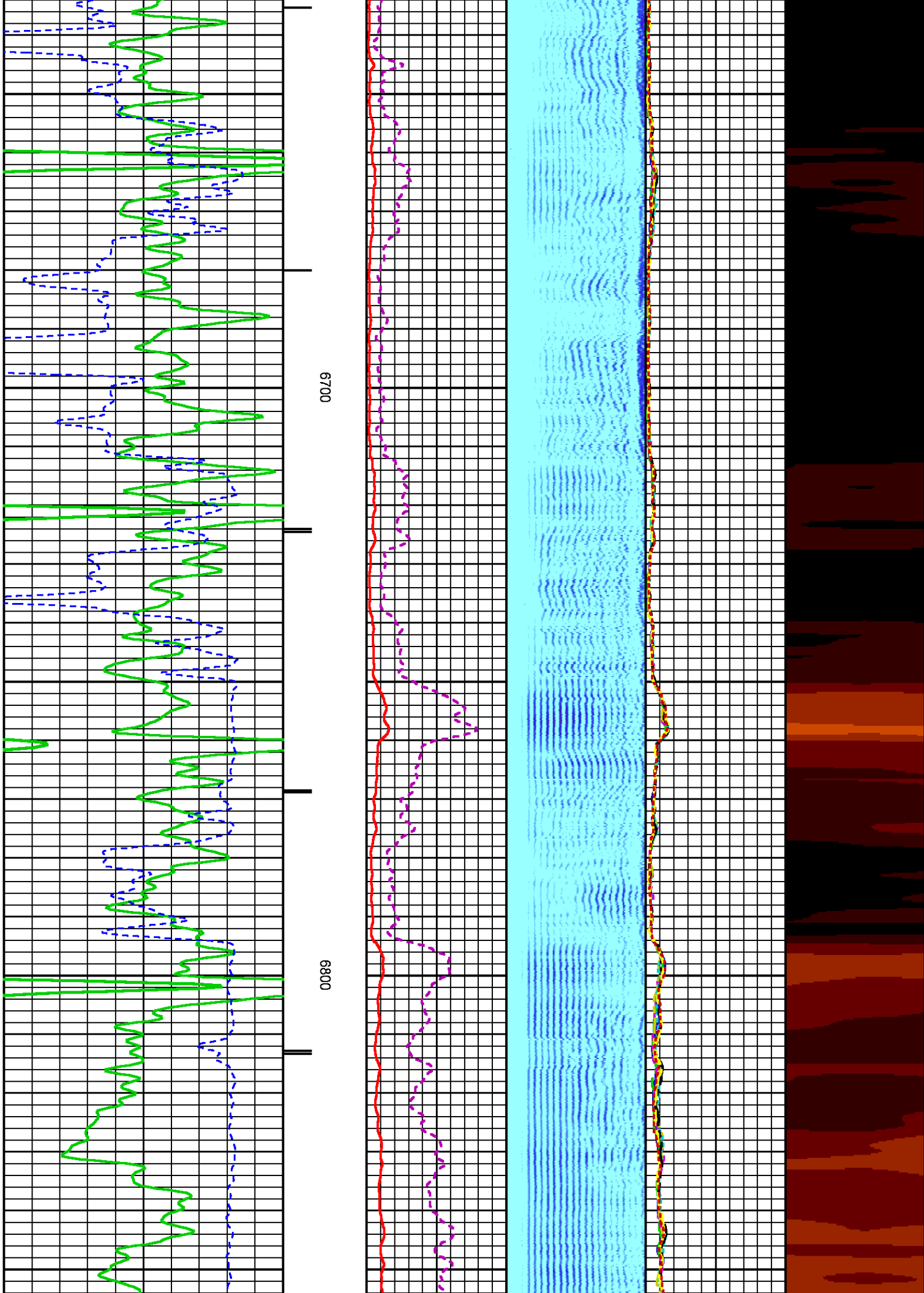


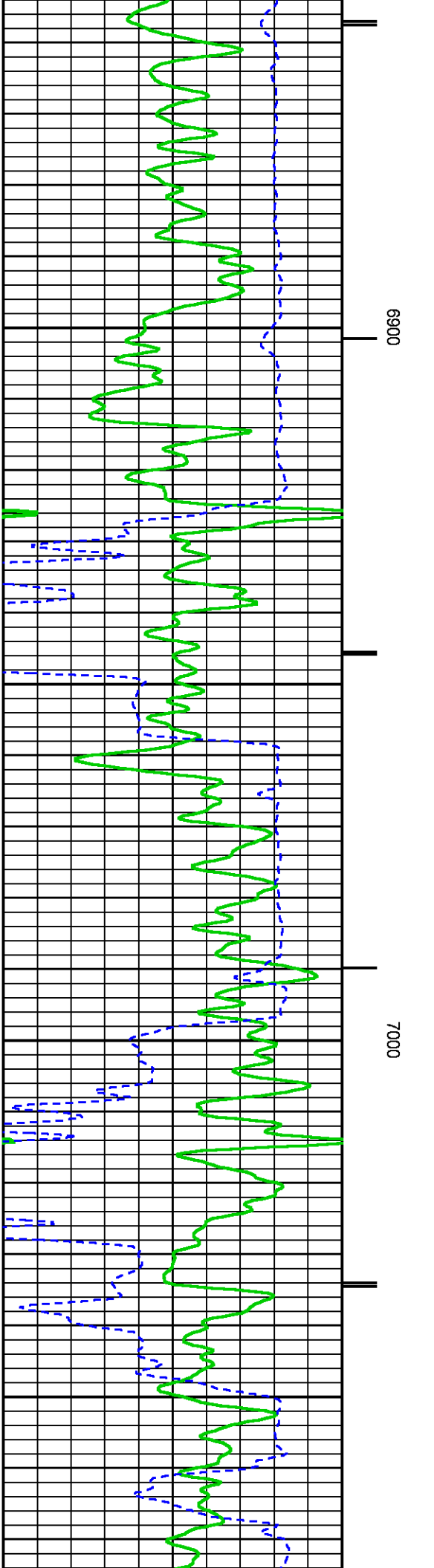
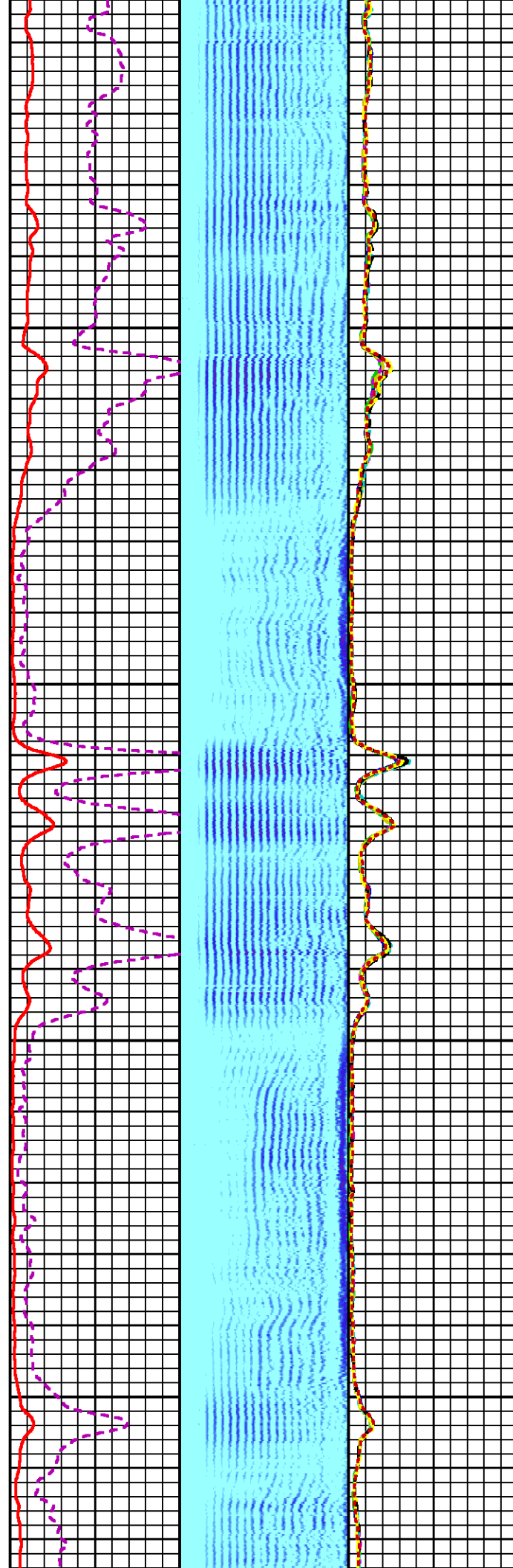
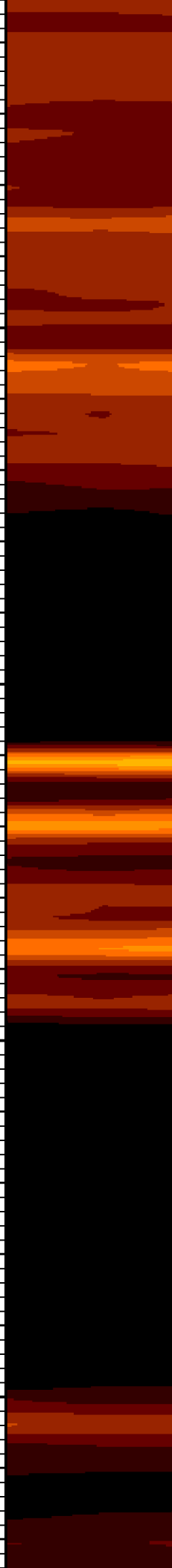


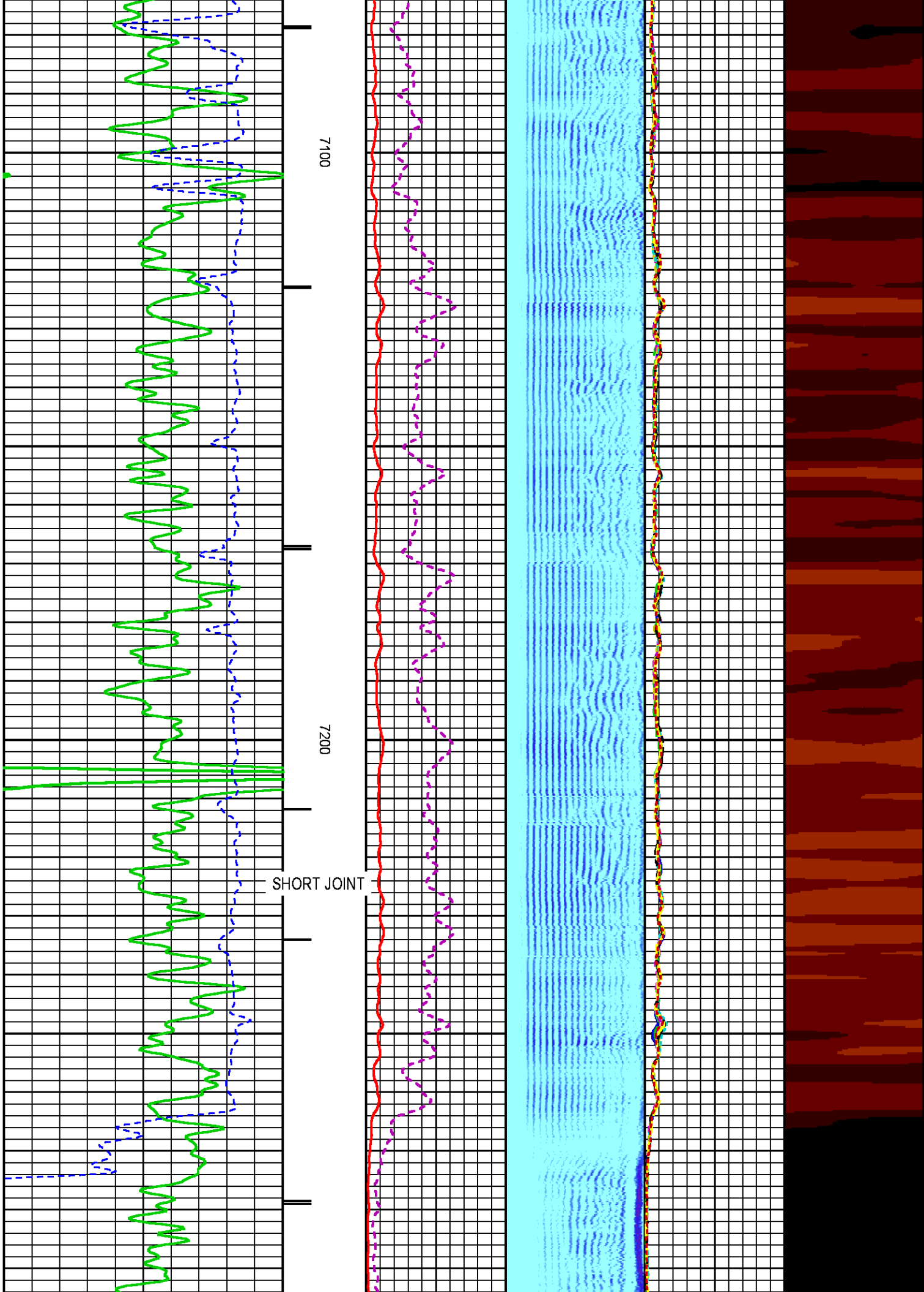


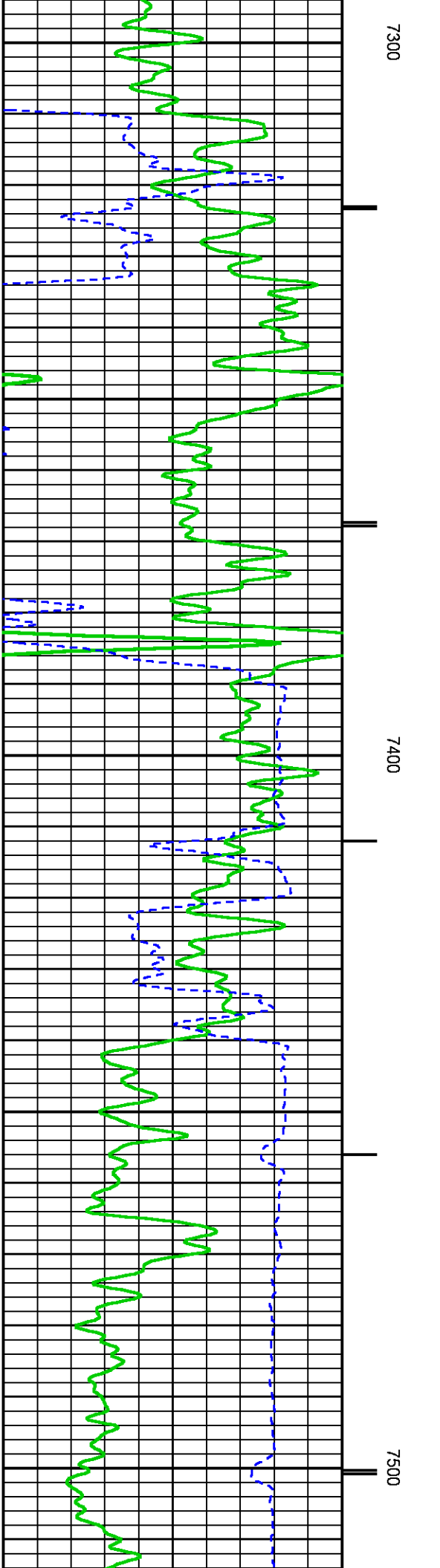
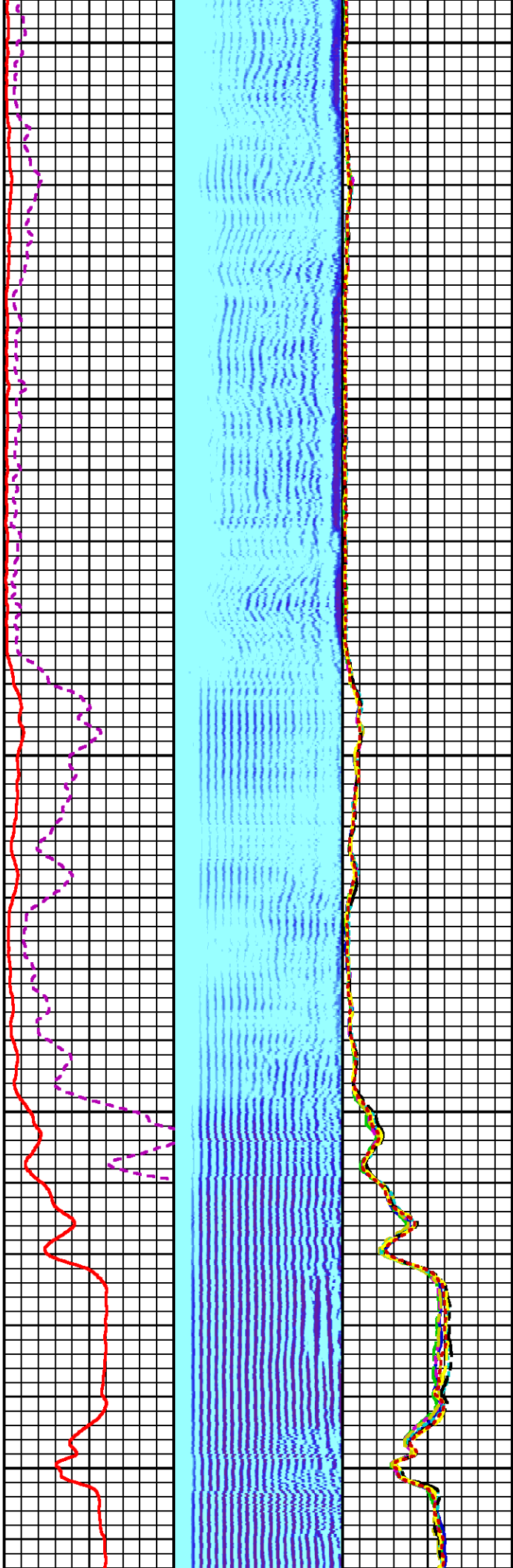


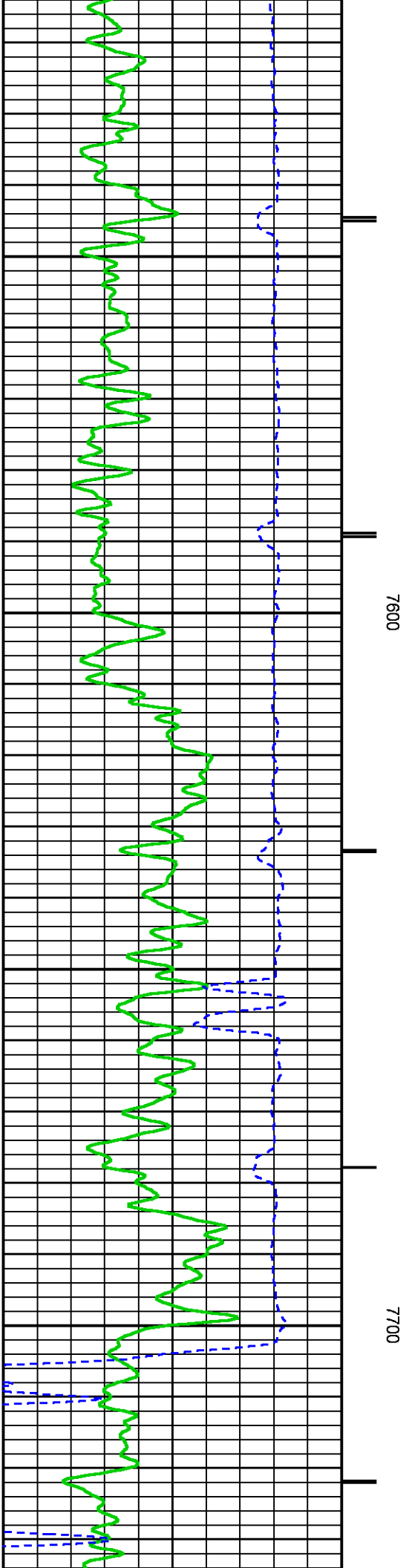
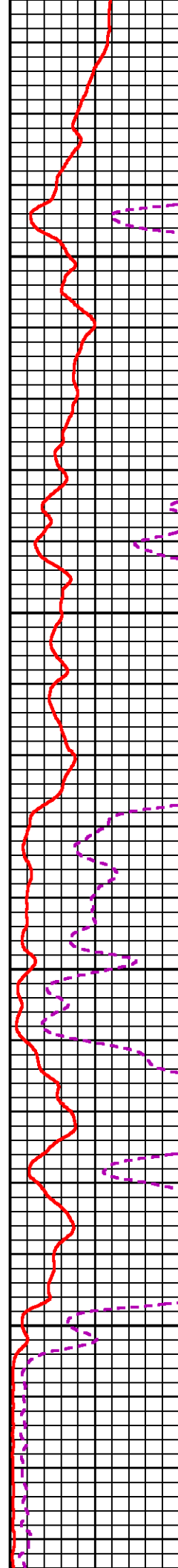
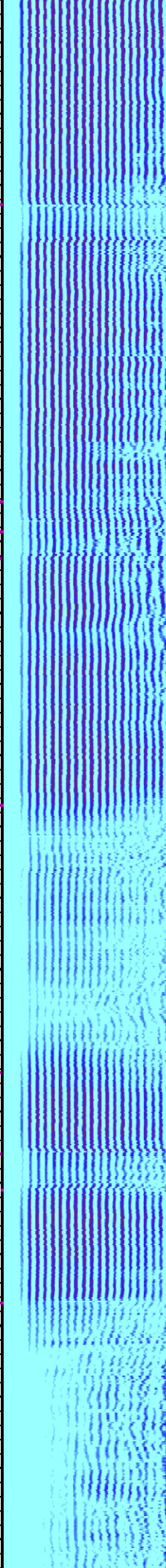
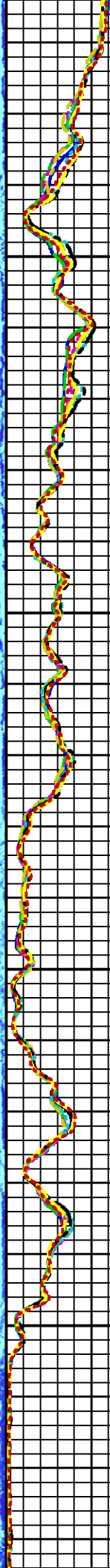
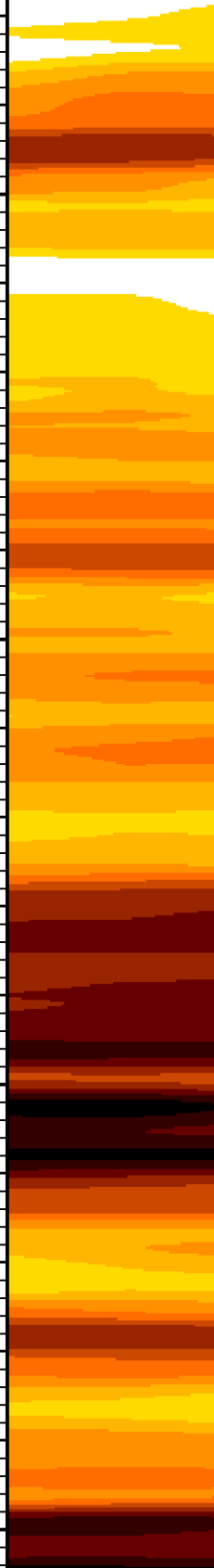


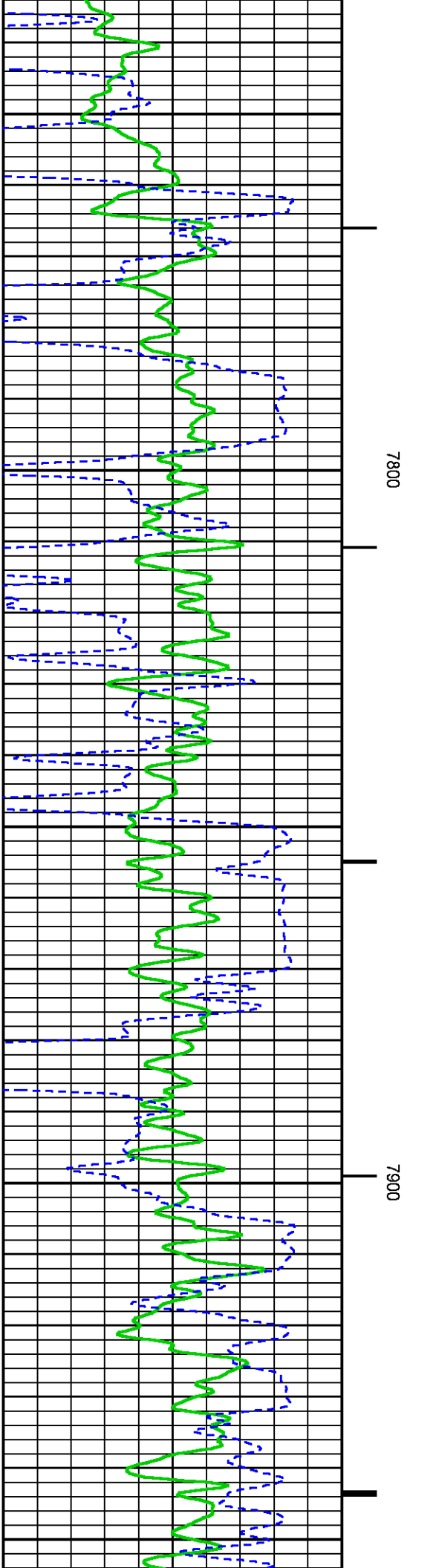
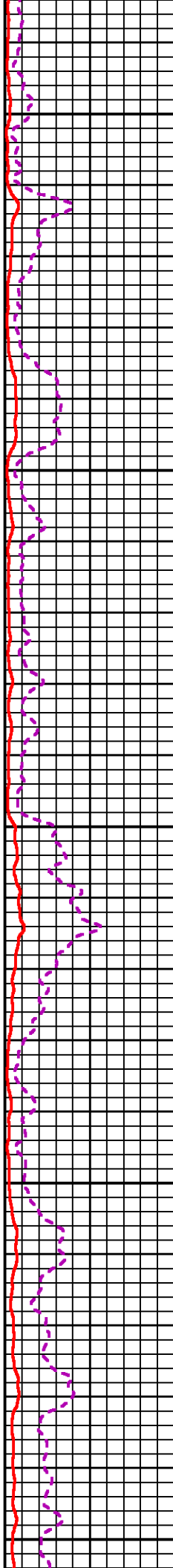
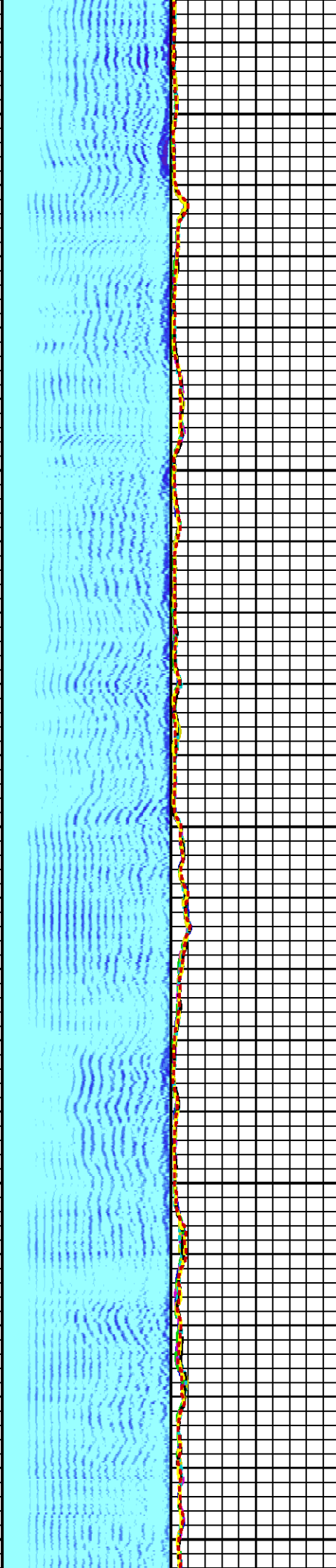
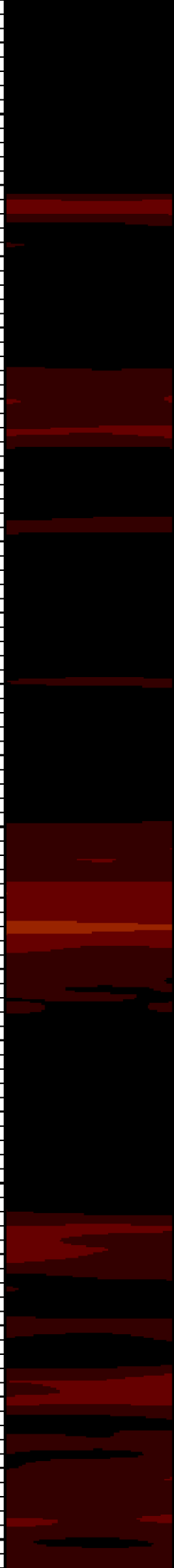


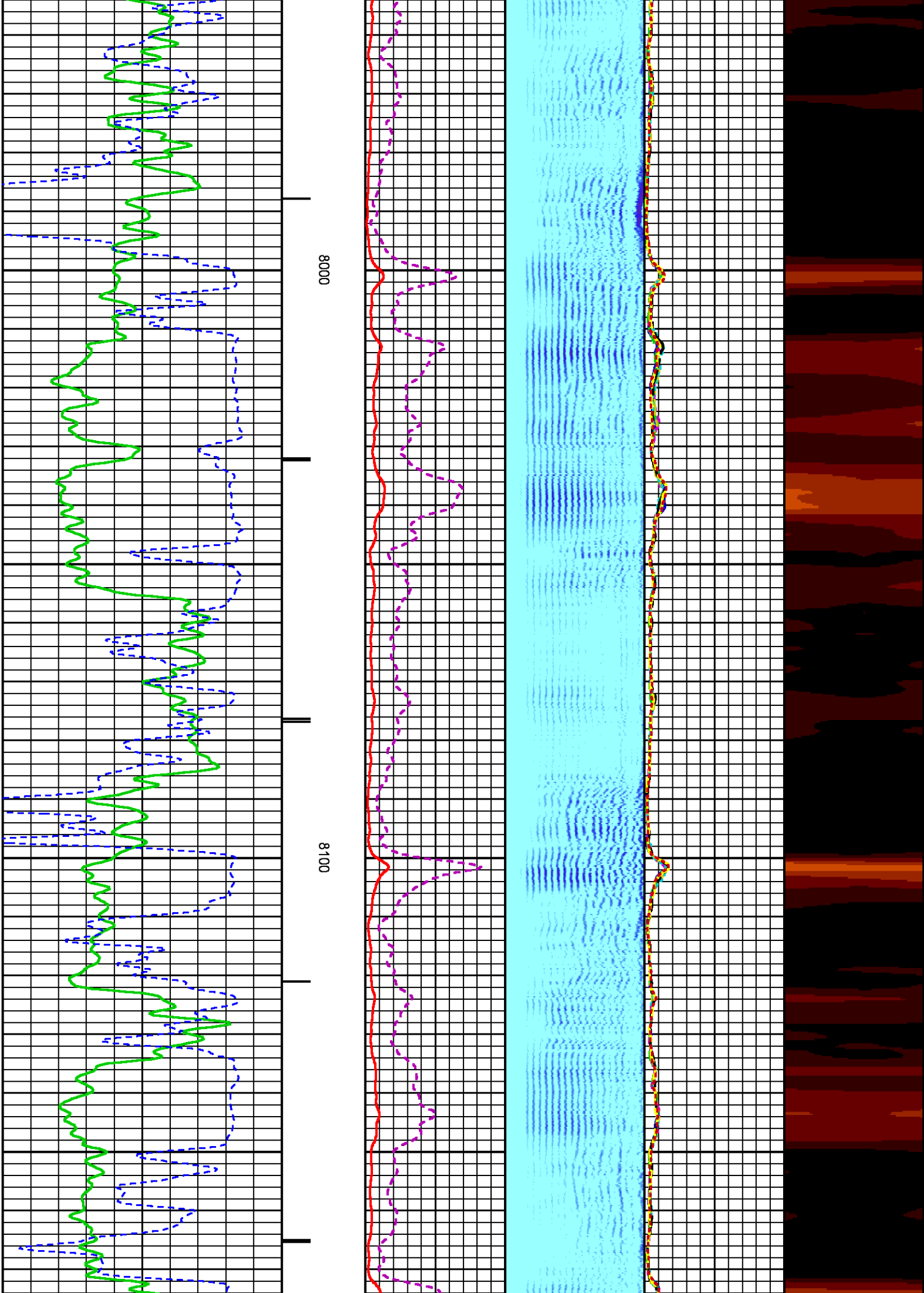


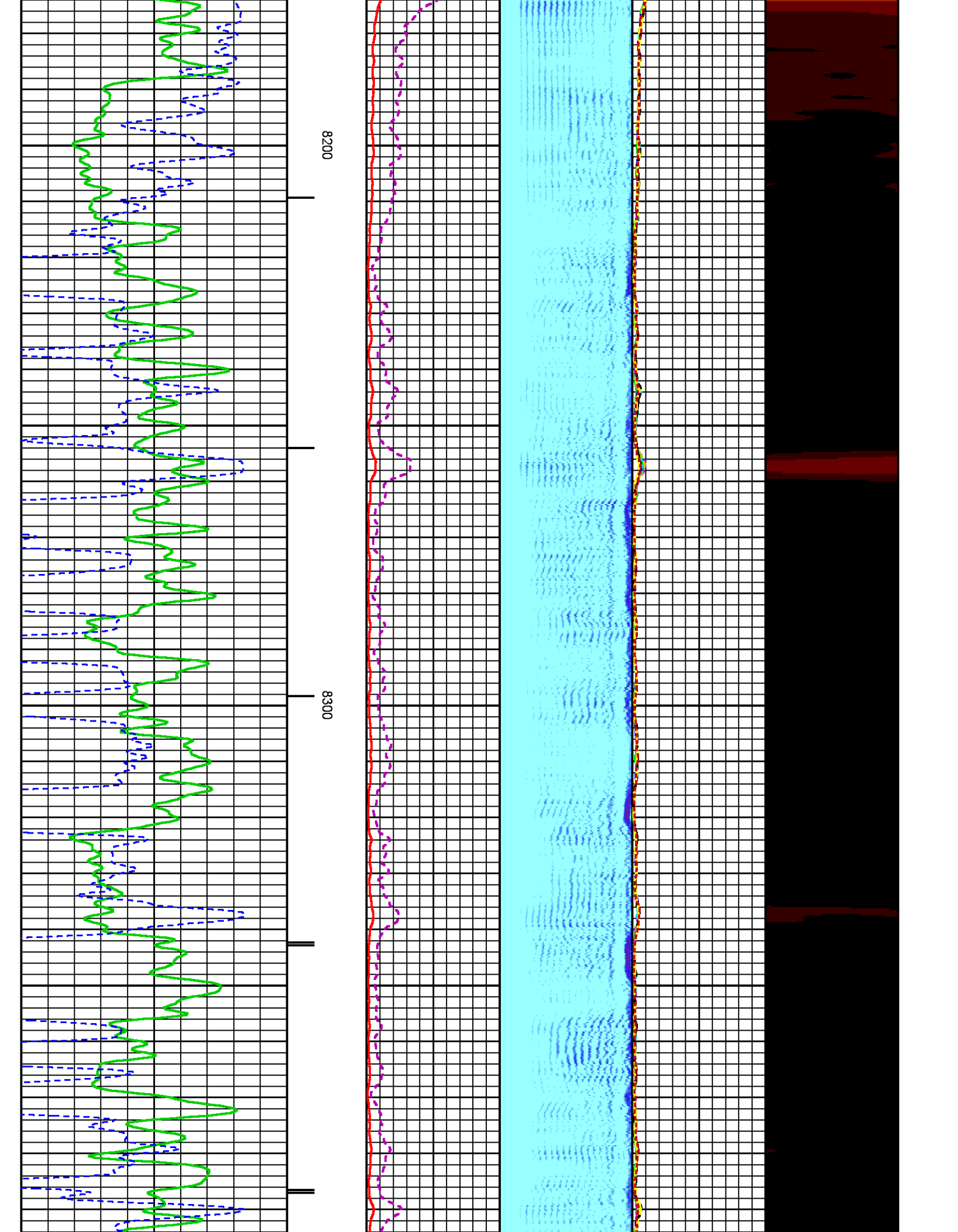


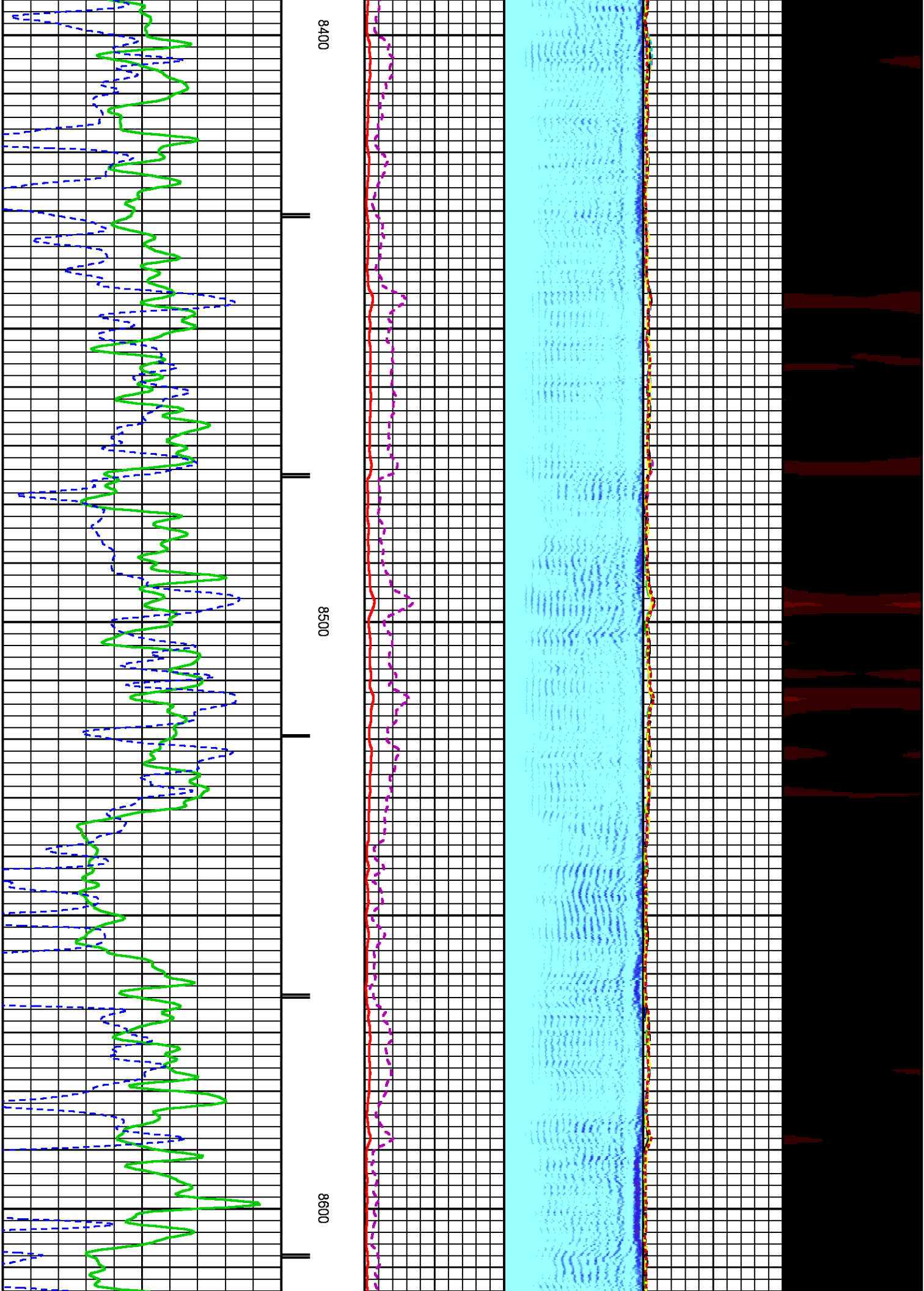


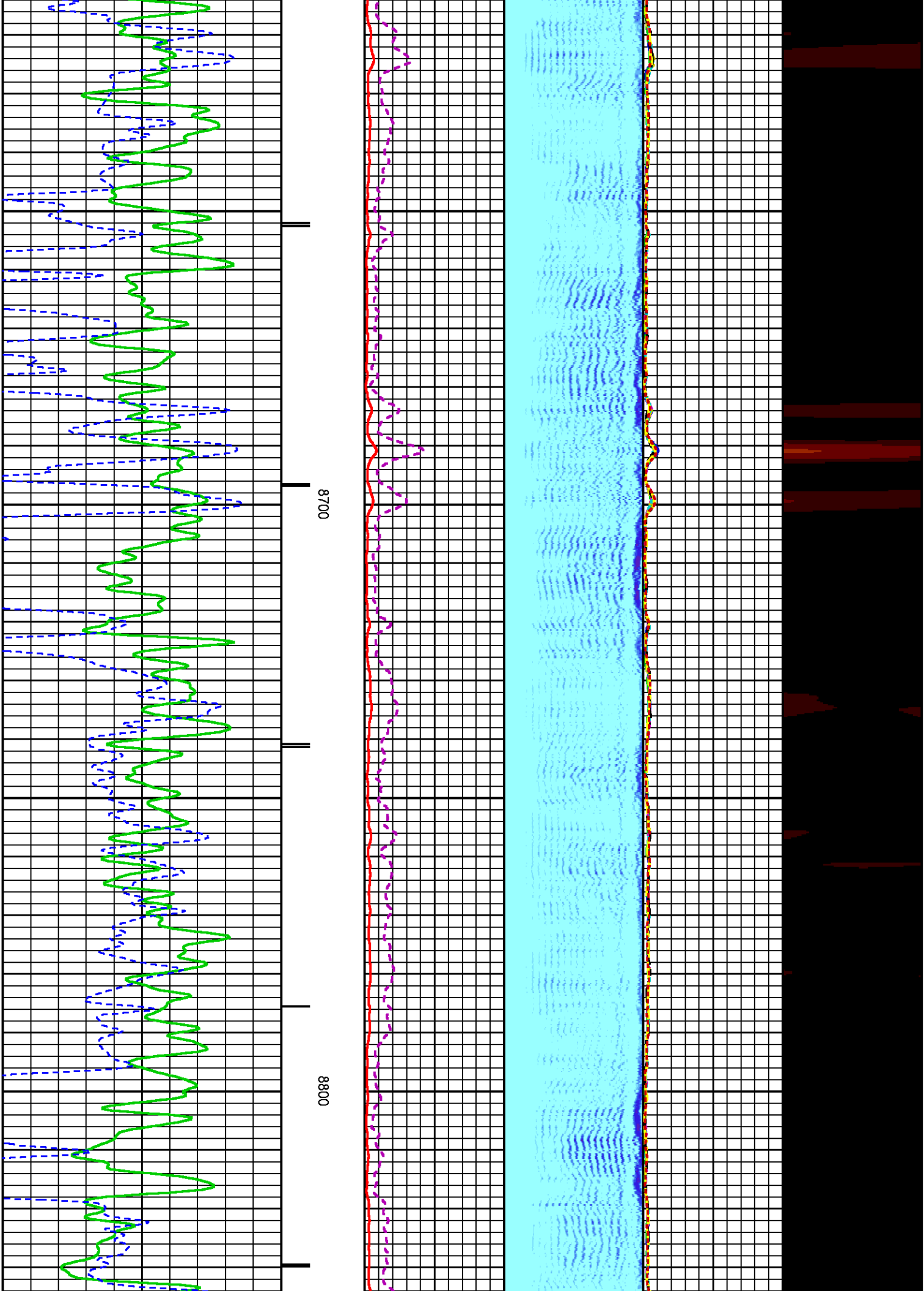


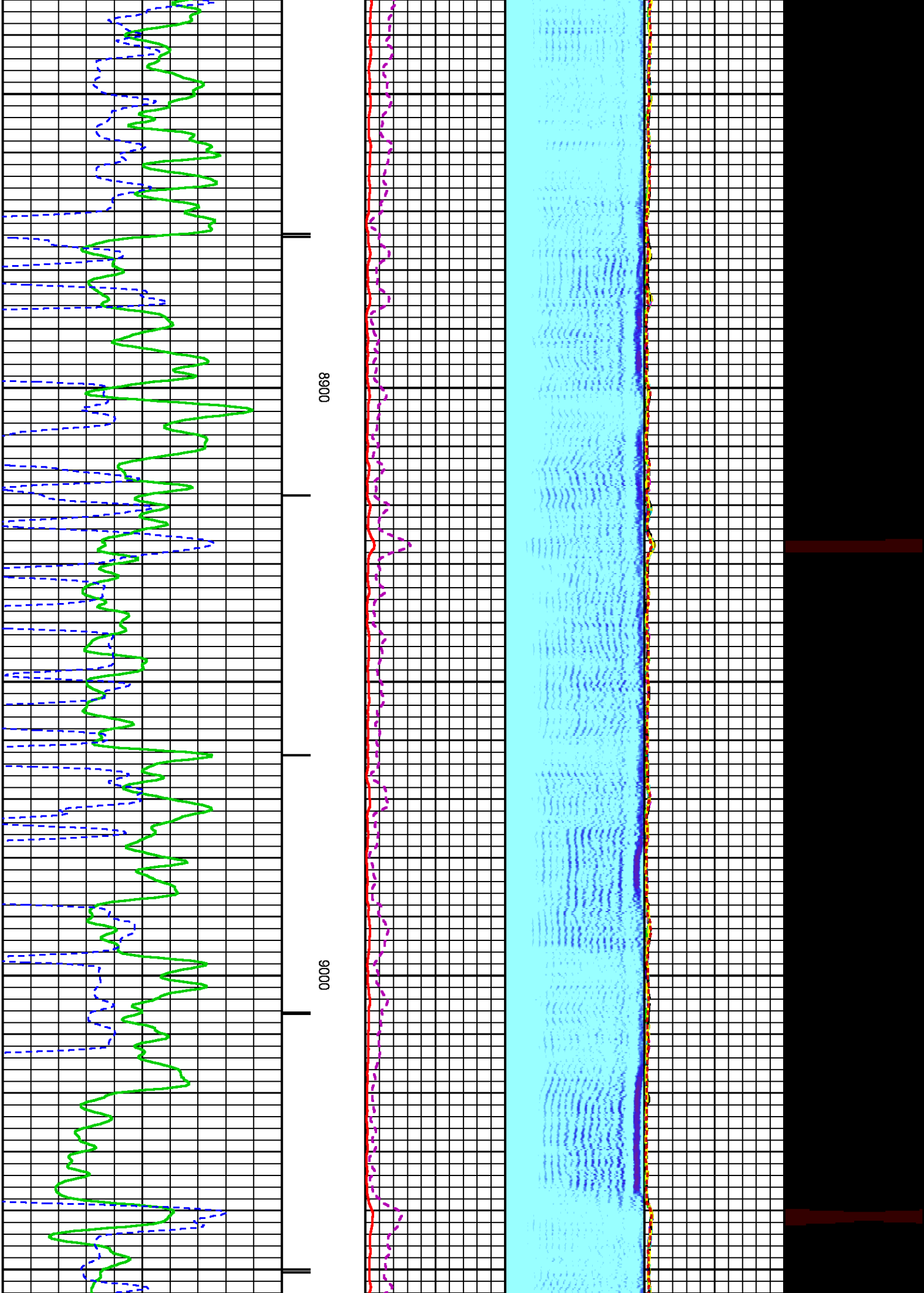


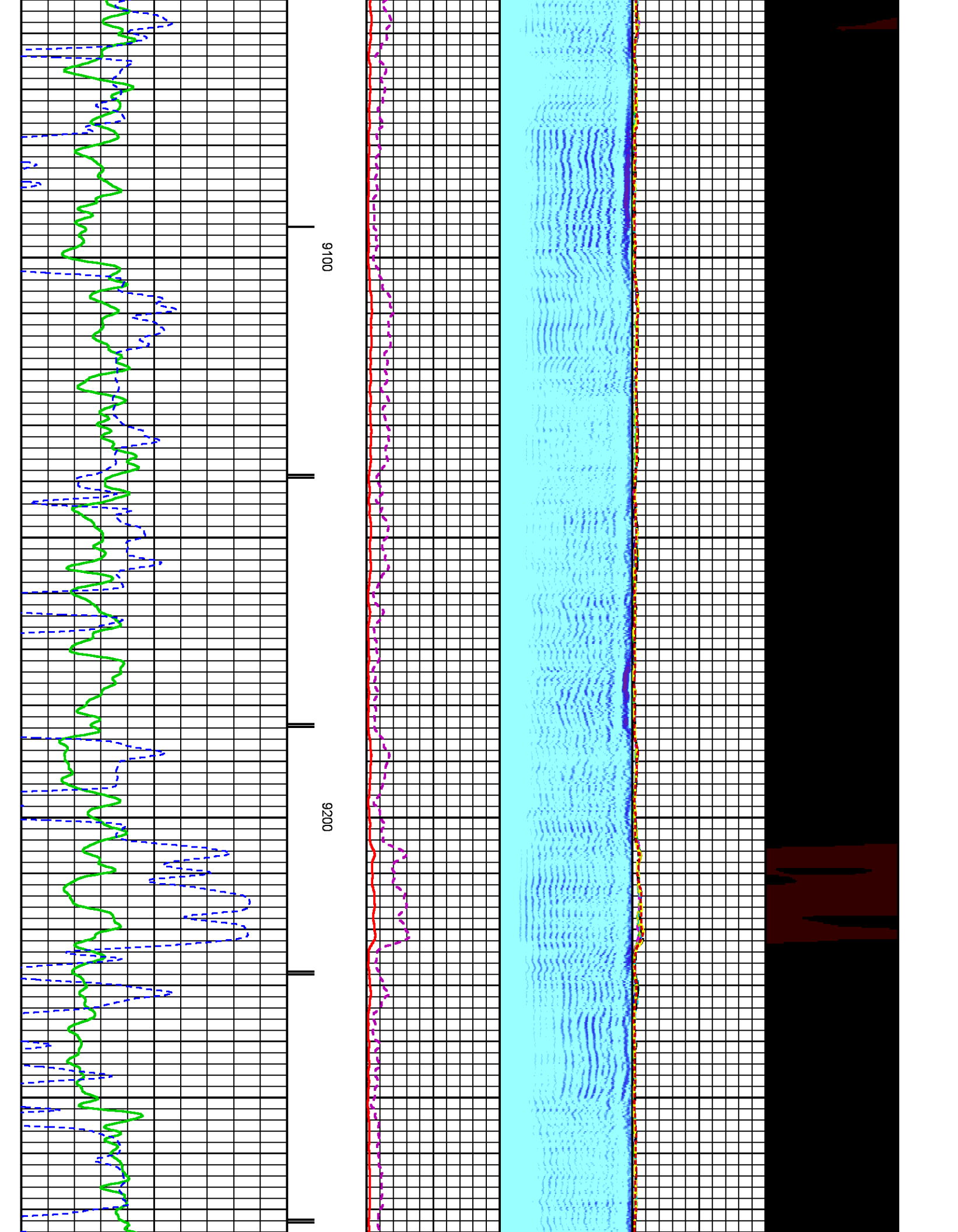


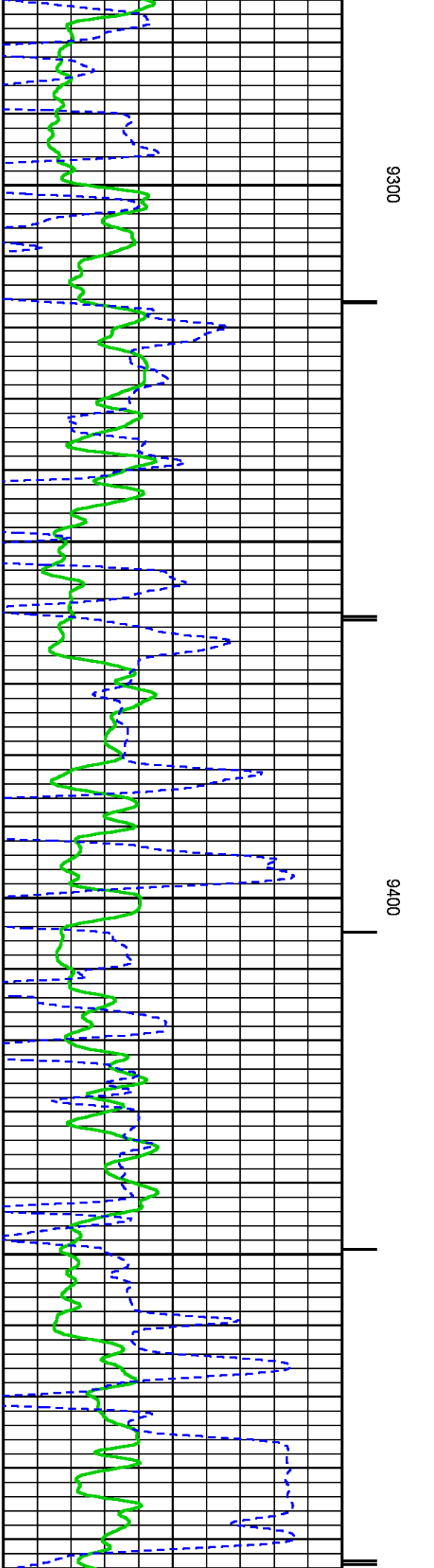
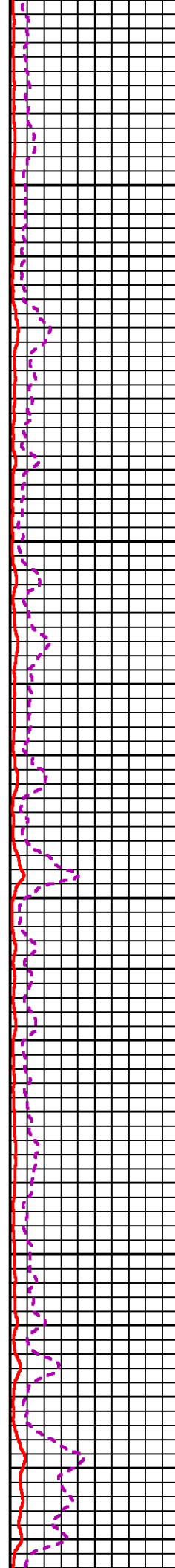
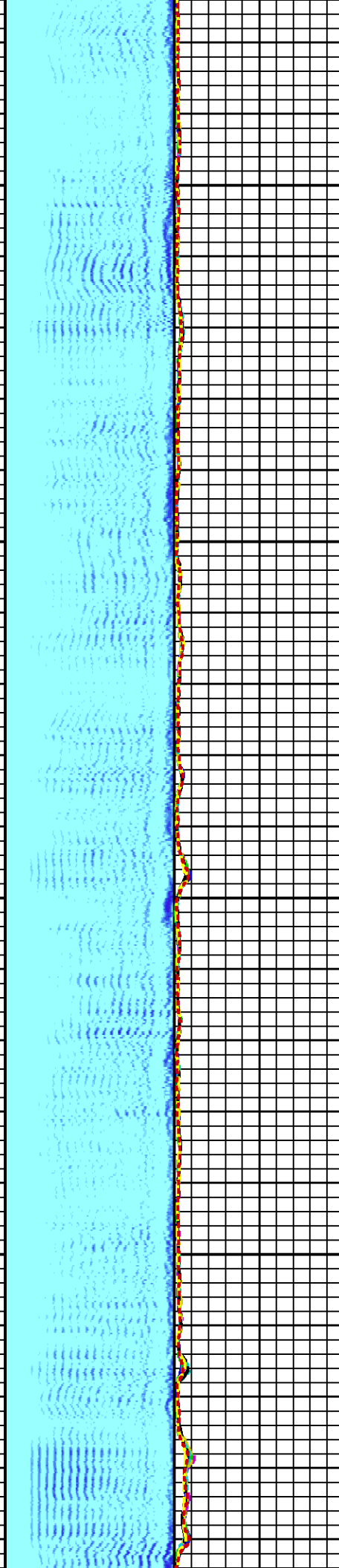
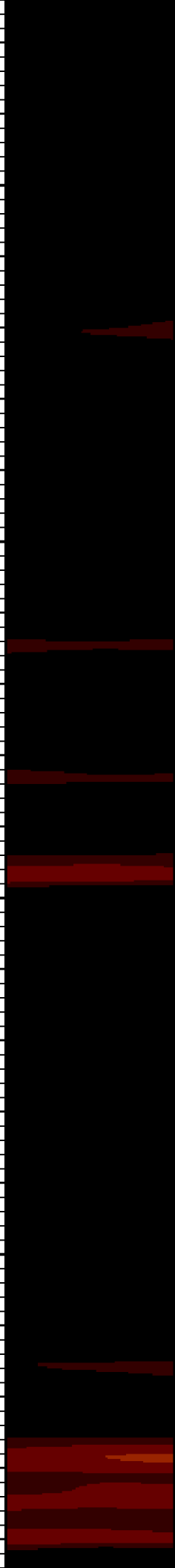


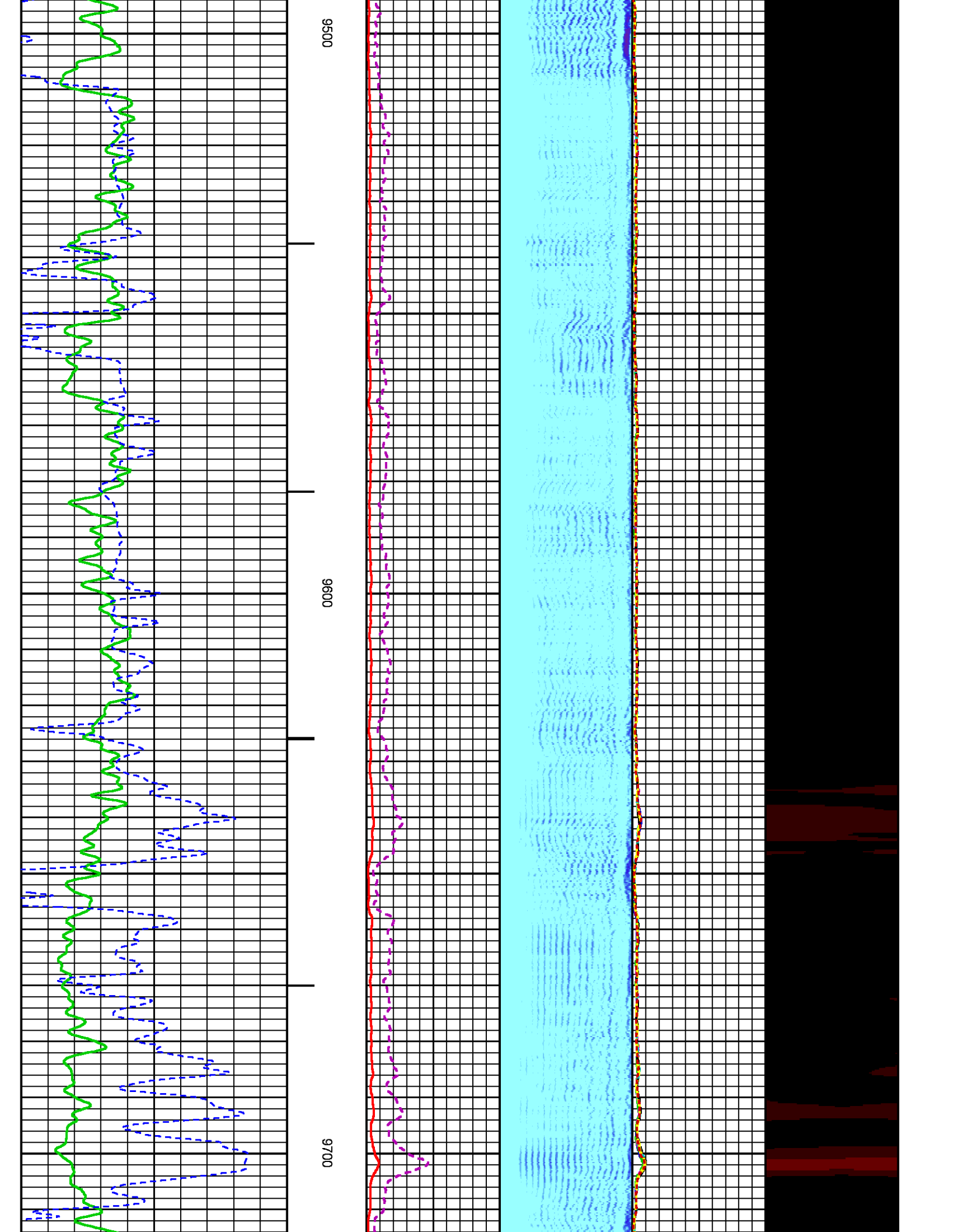


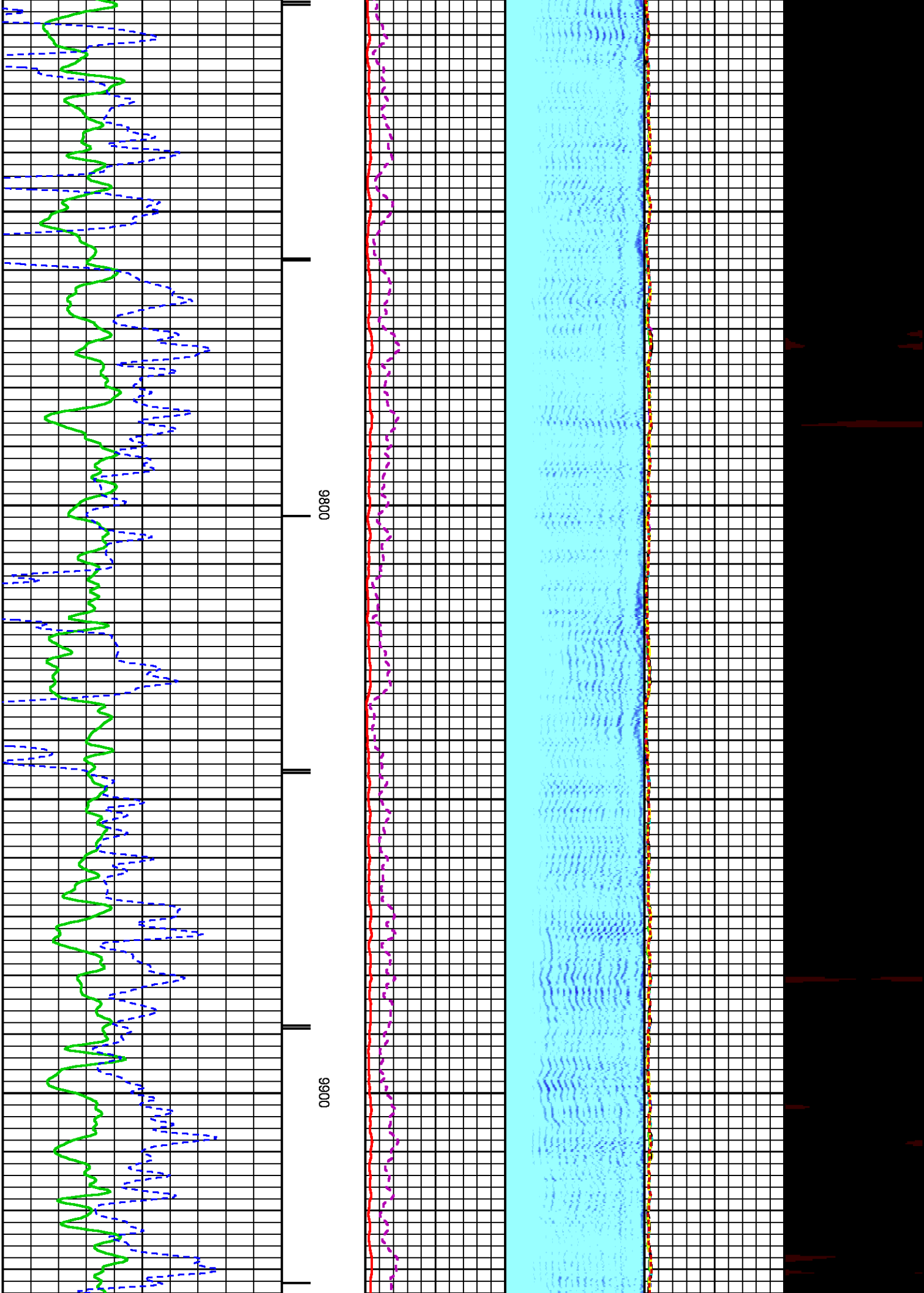


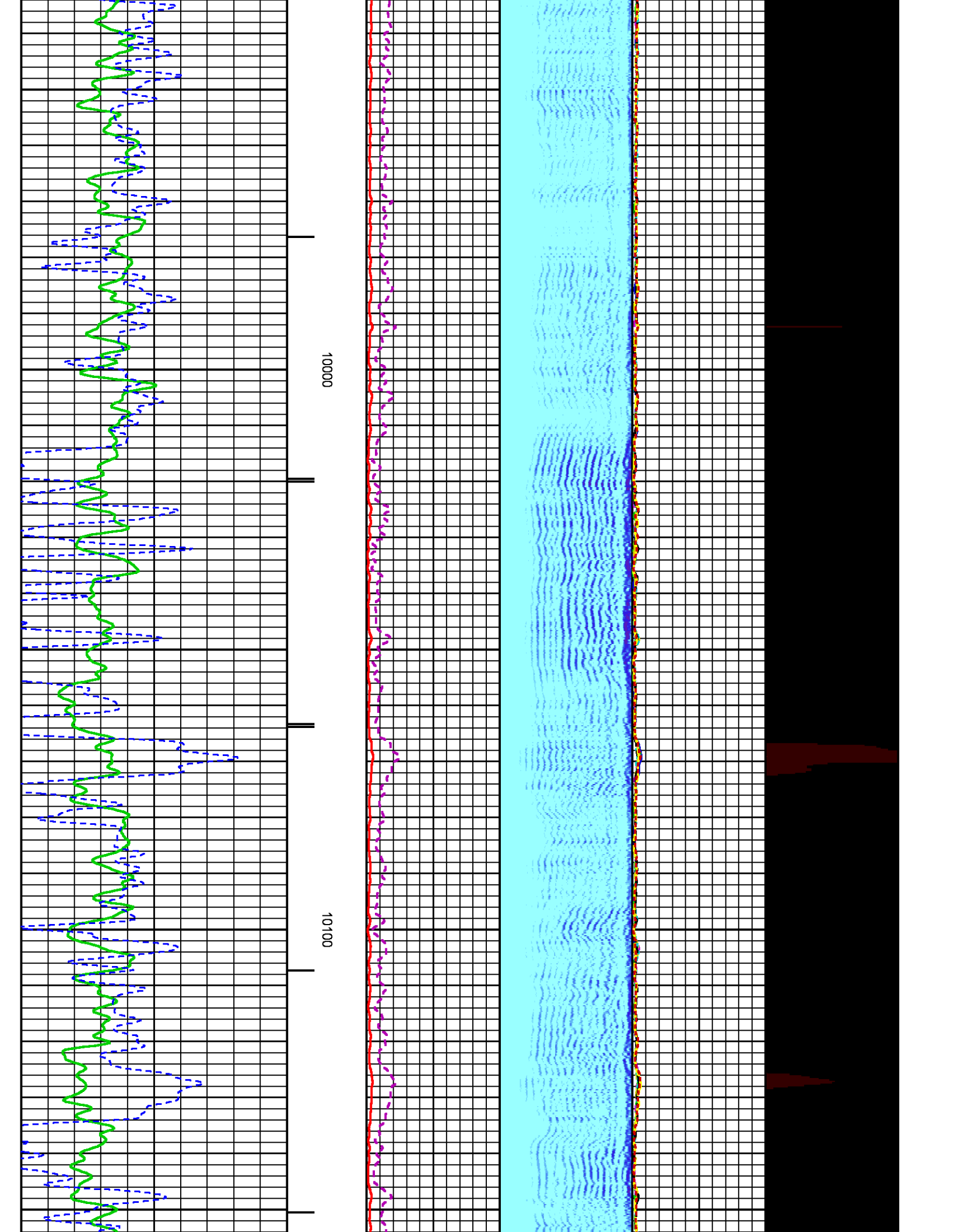


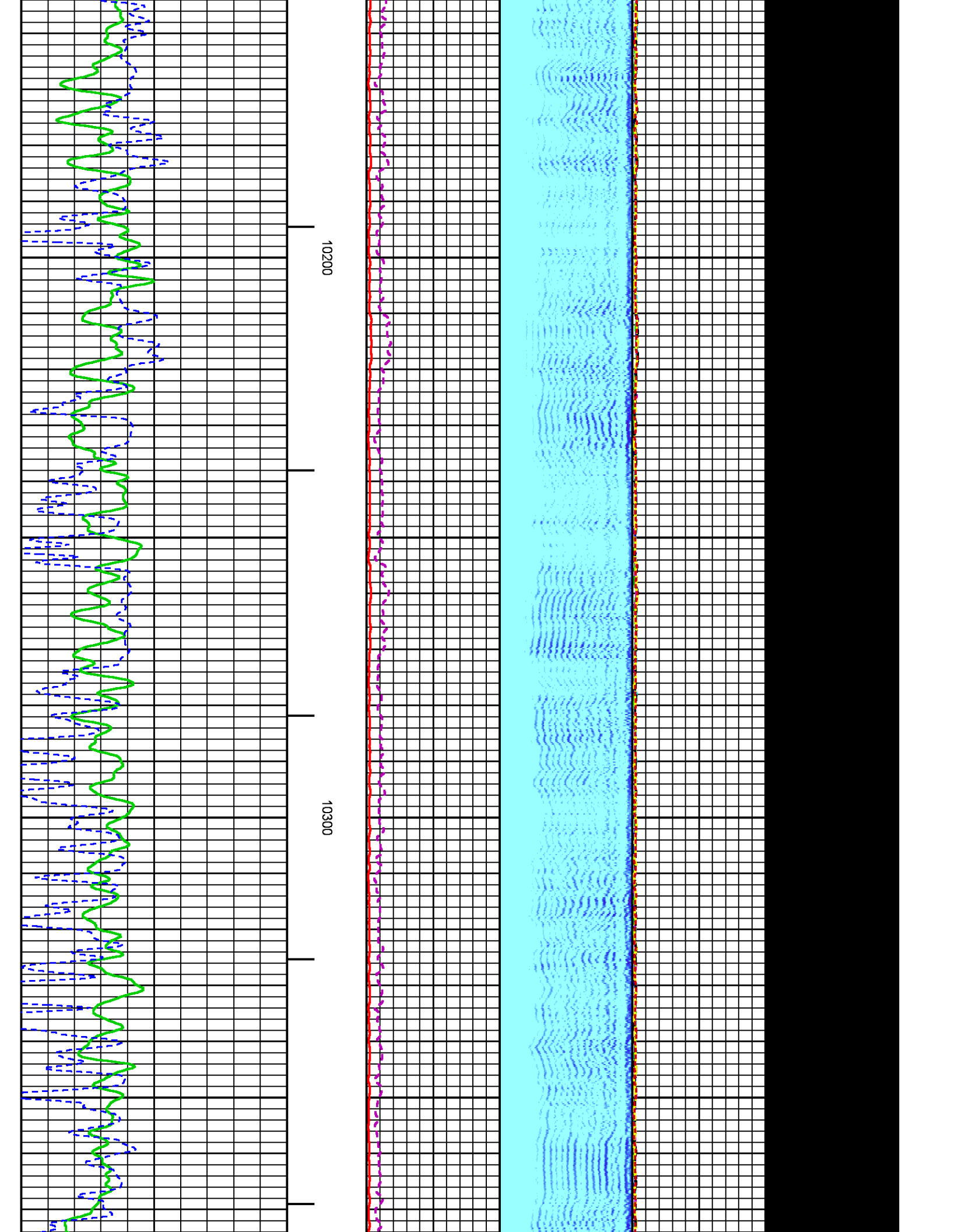


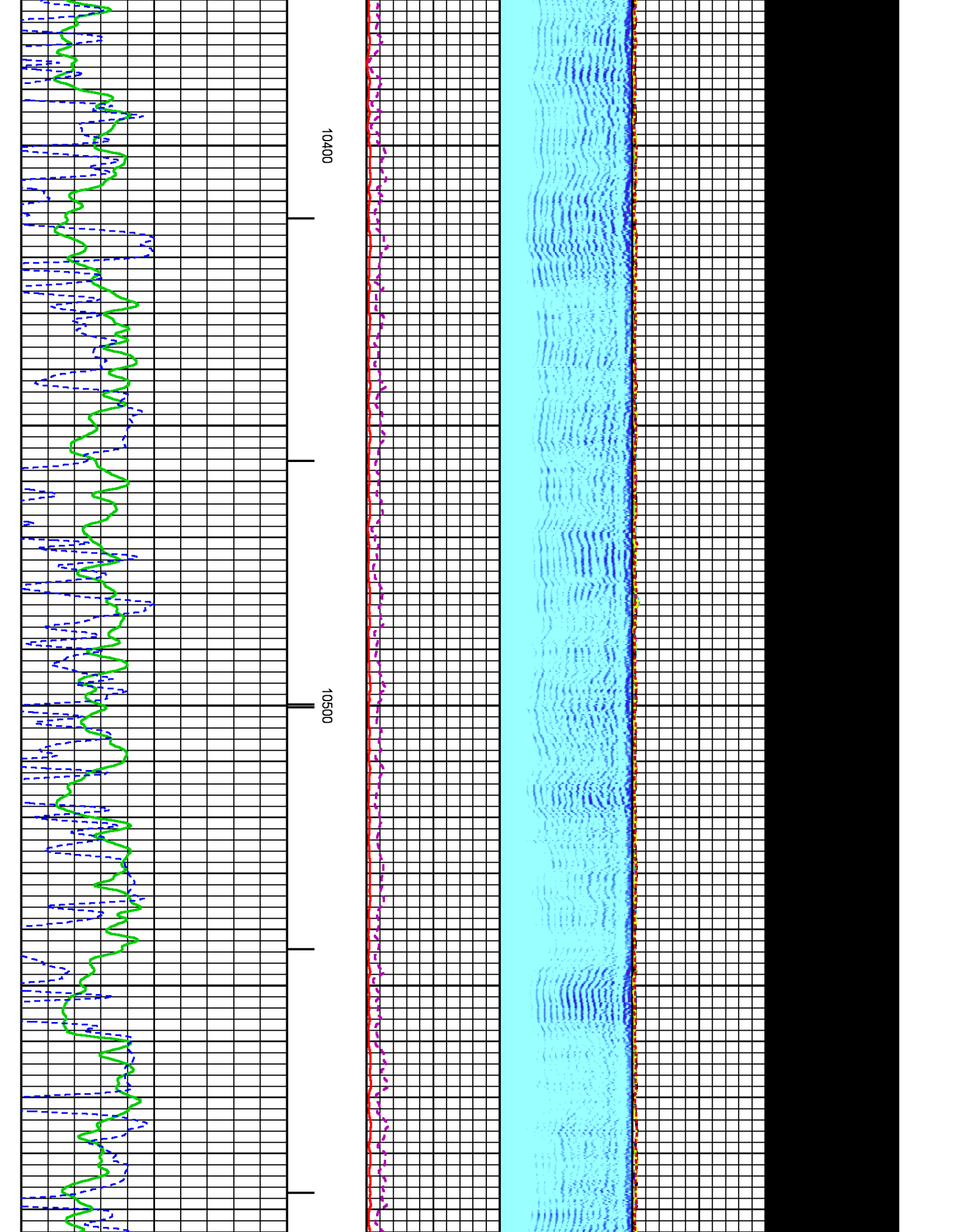


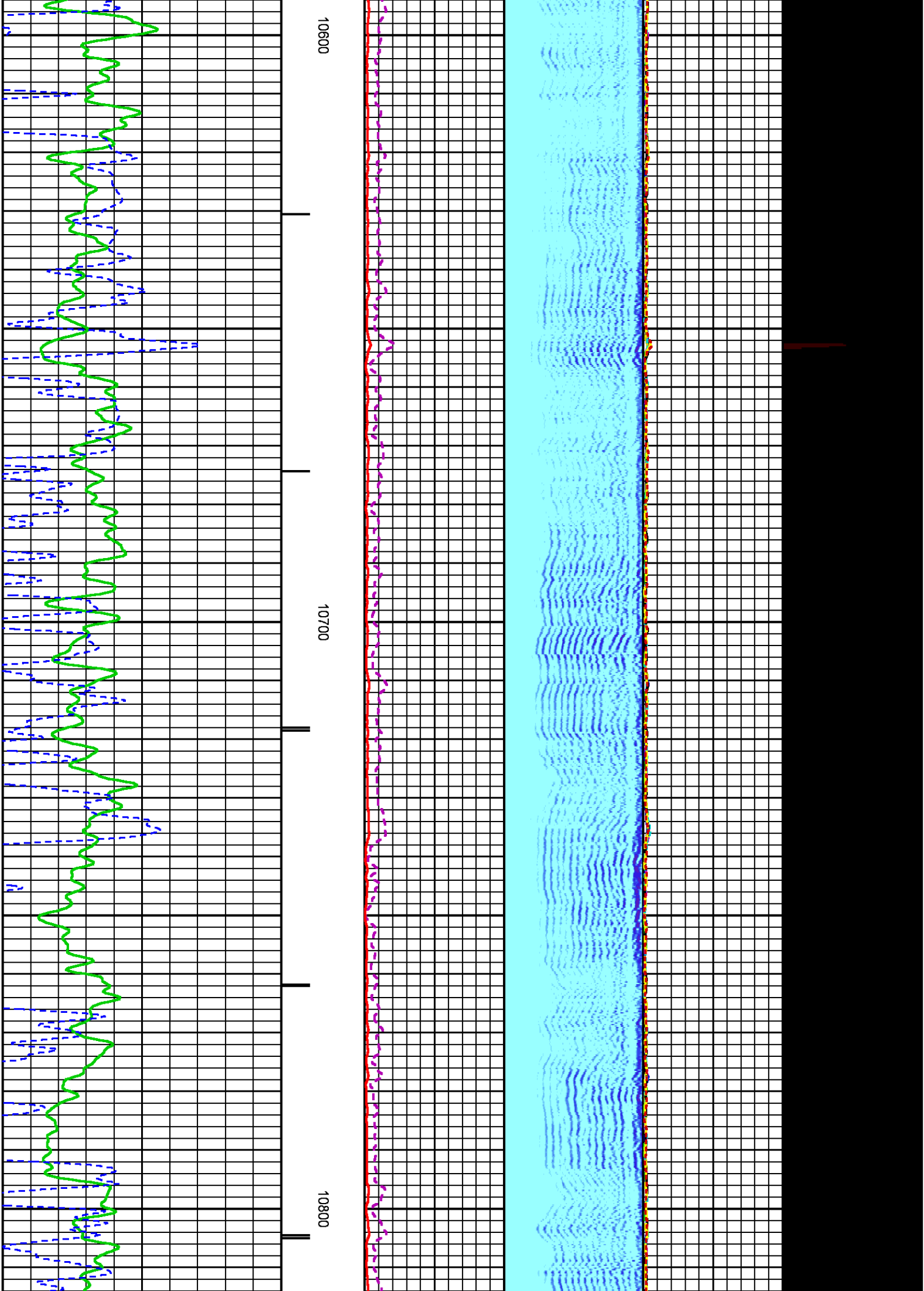


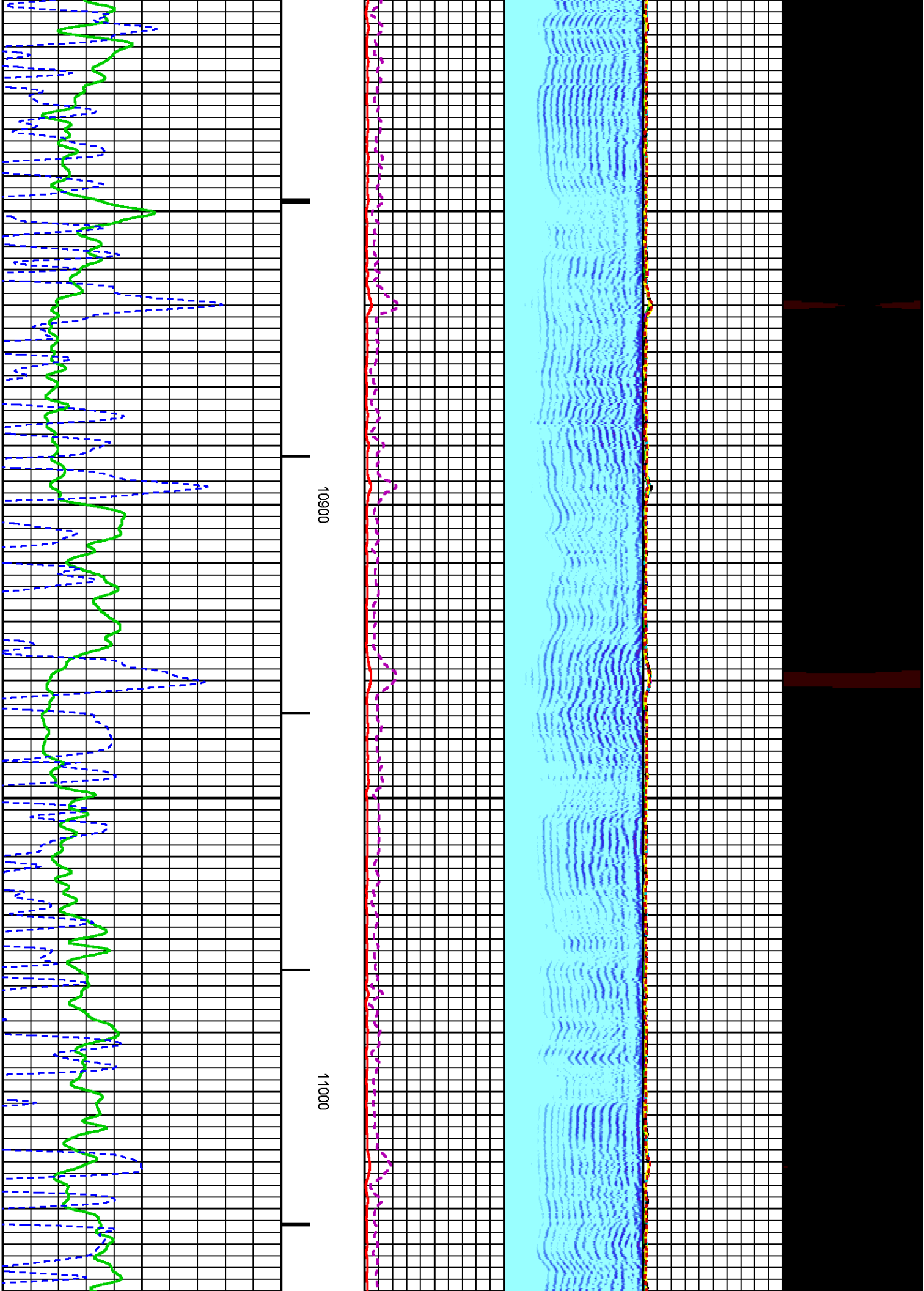


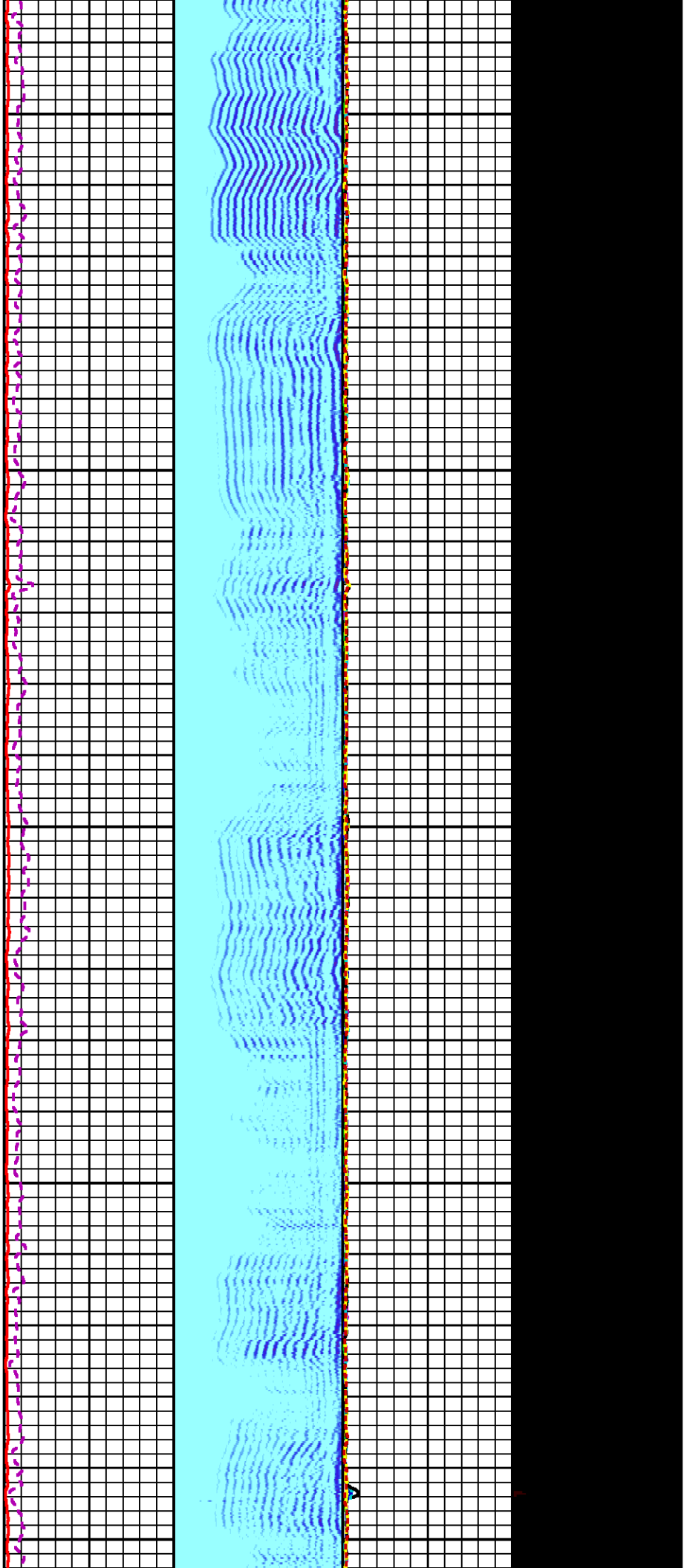






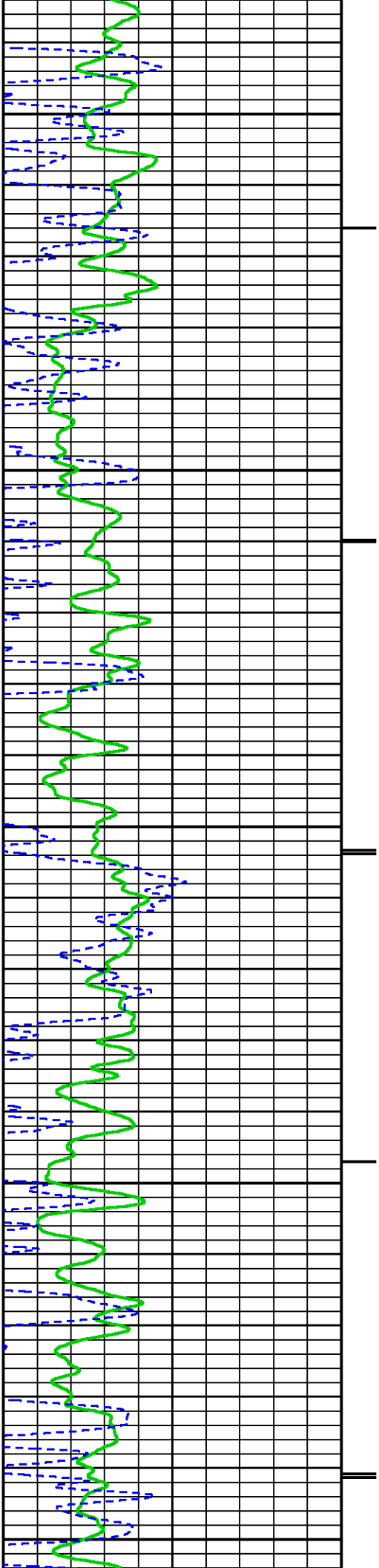


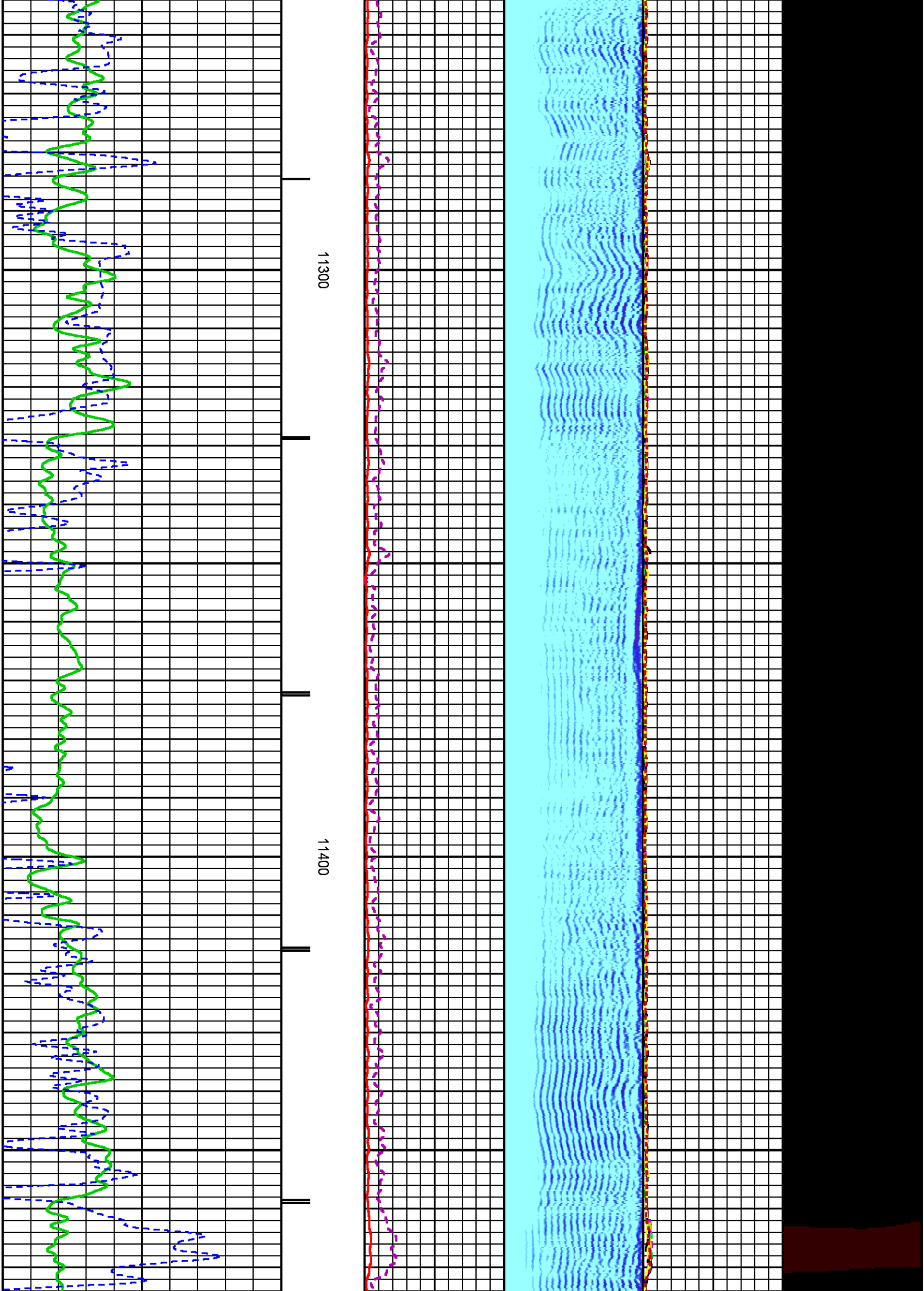


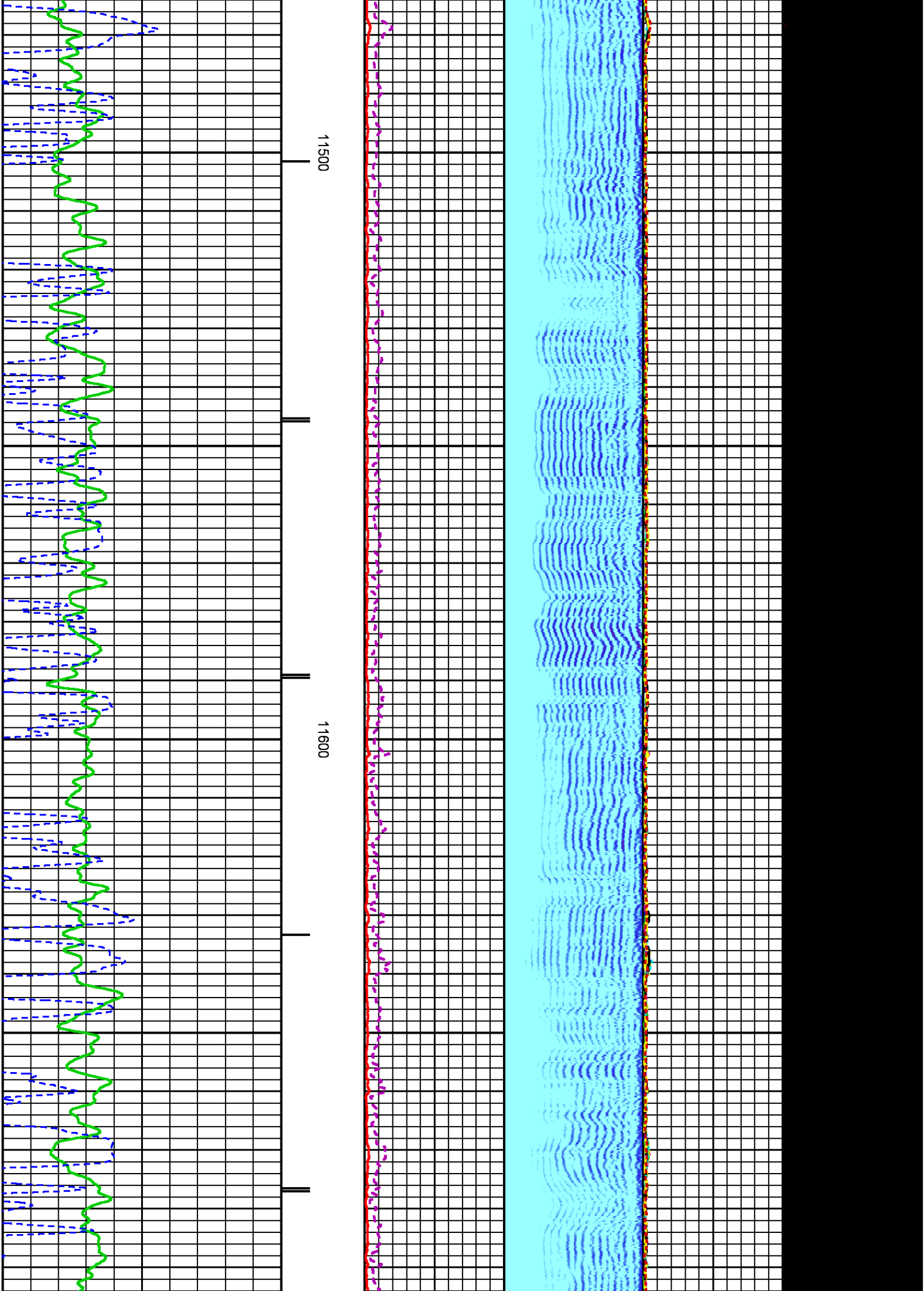


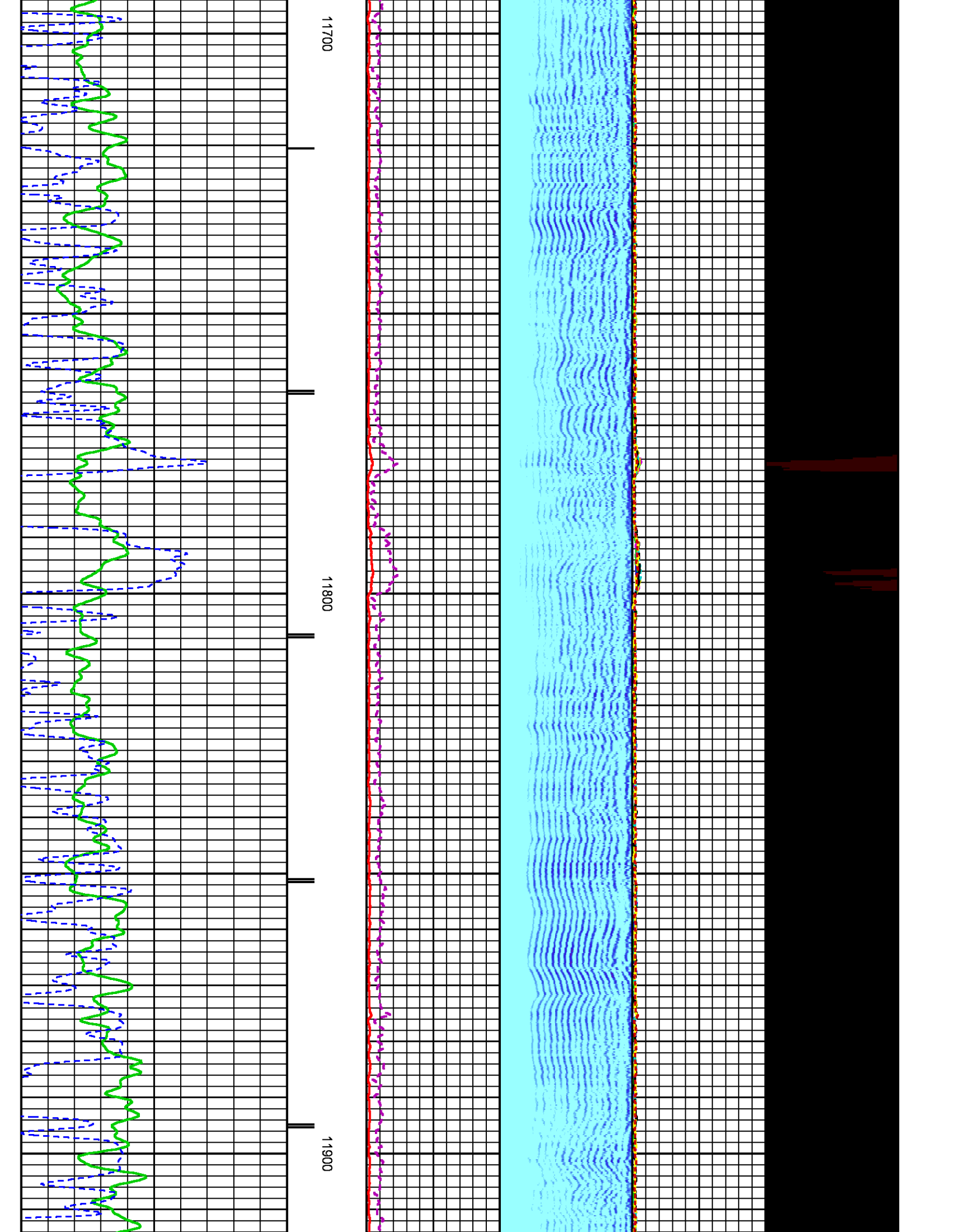
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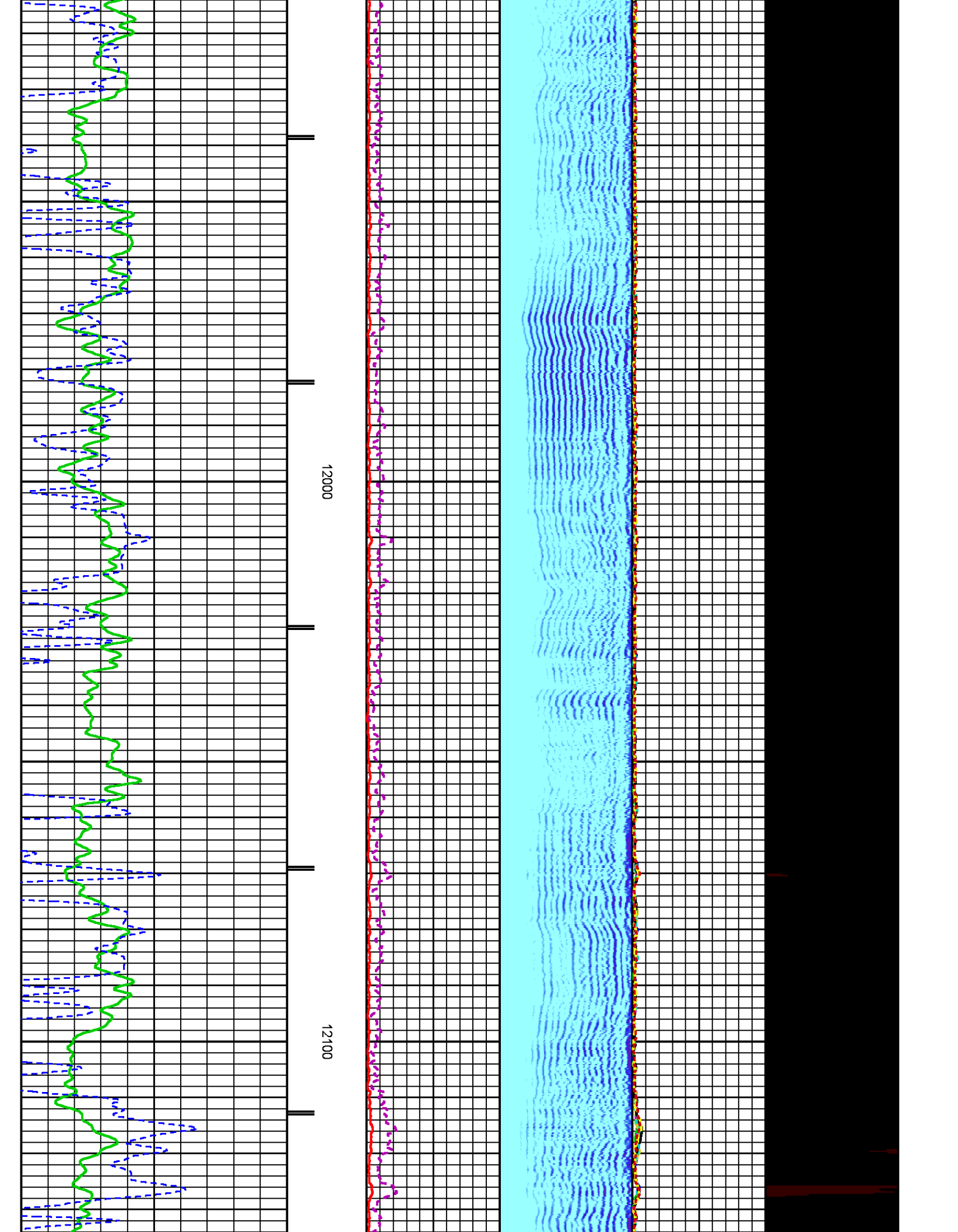
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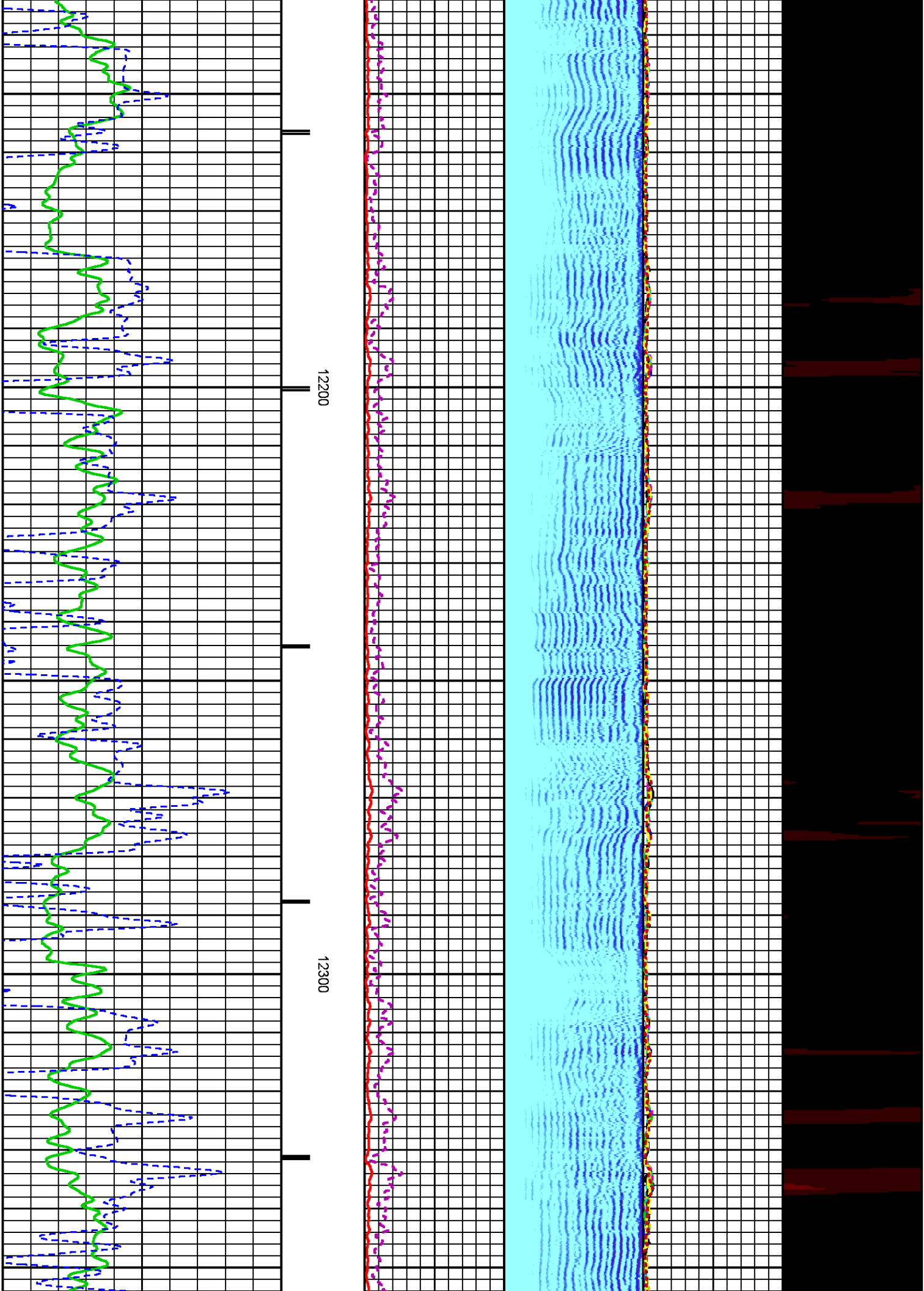


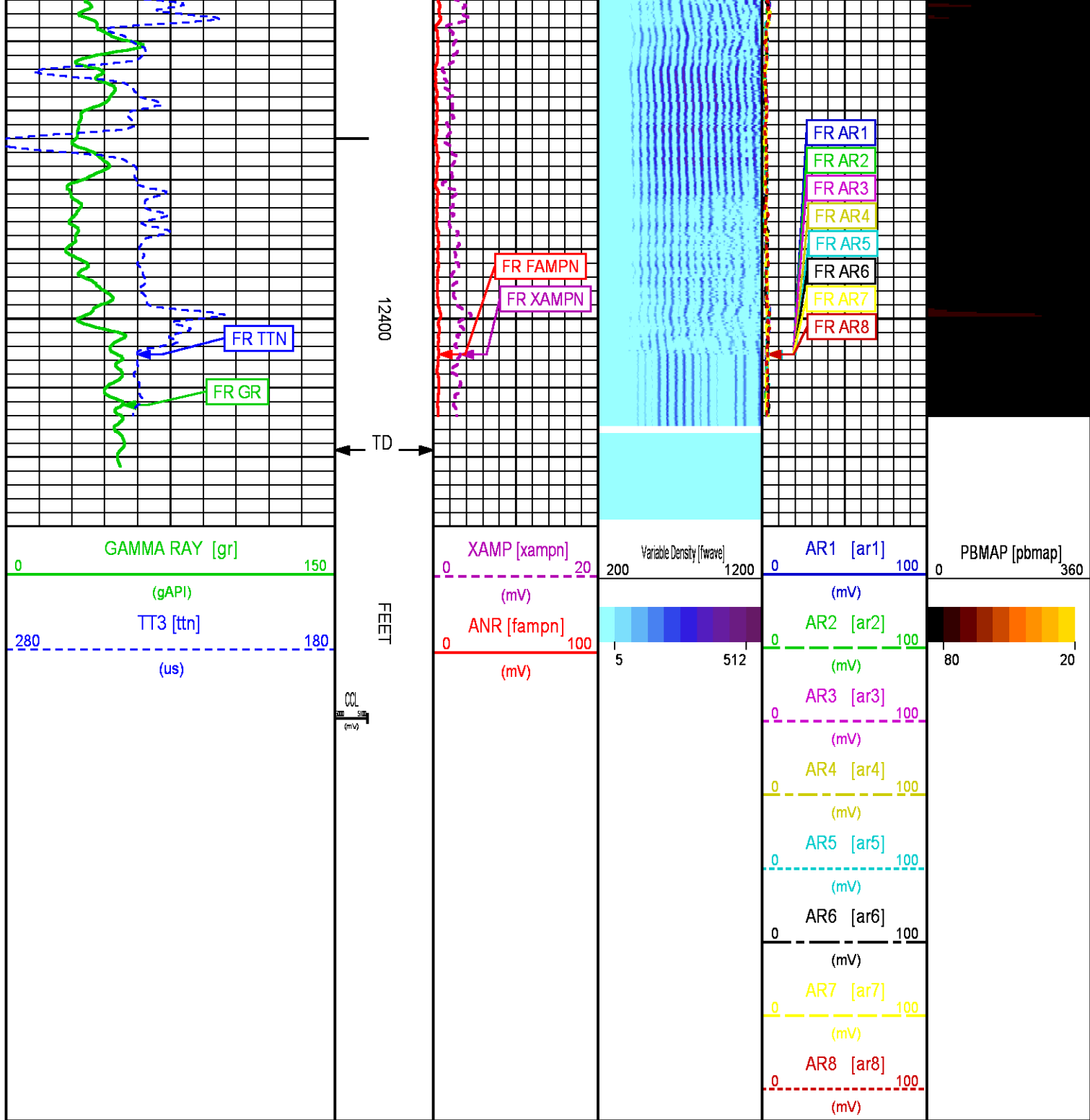












REPEAT LOG 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1 Patches: 7

Plotted: Sat May 23 15:11:54 2015

PARAMETER AND FILTER SUMMARY REPORT

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	light (2a)		"	"
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*)	160	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	"	"

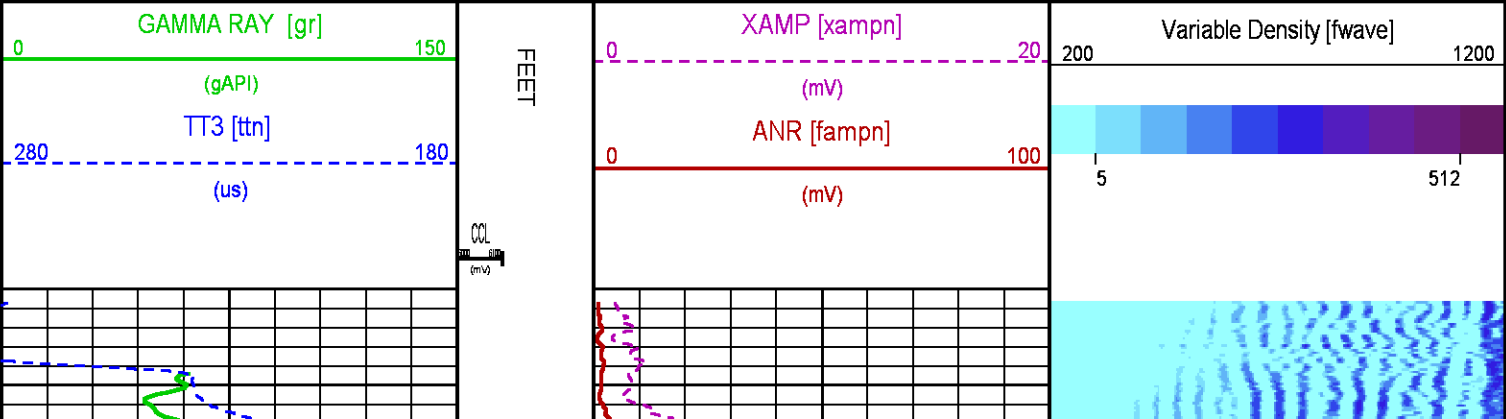
CURVE DESCRIPTION REPORT

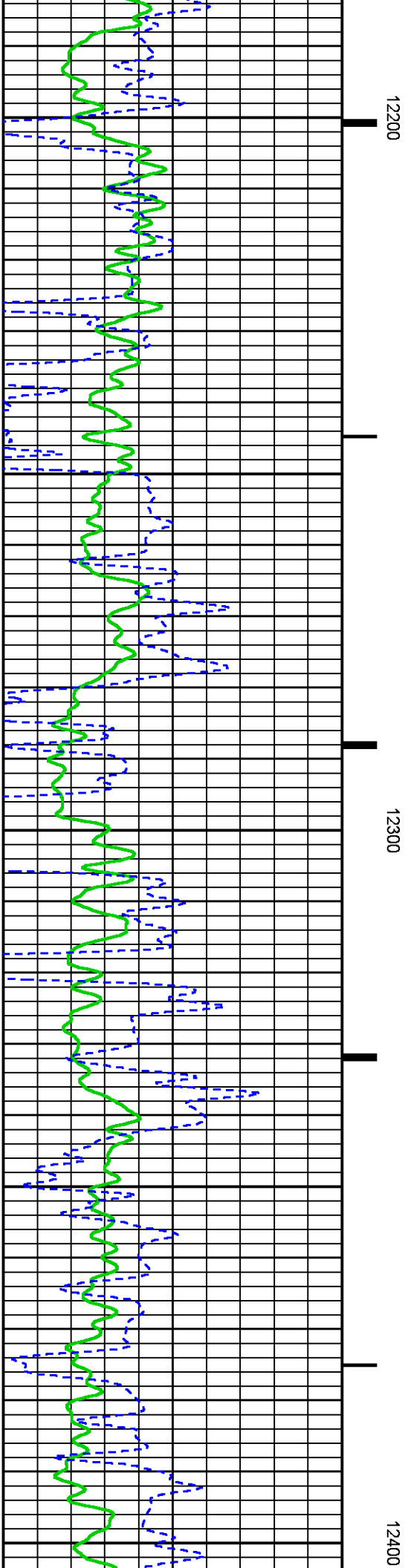
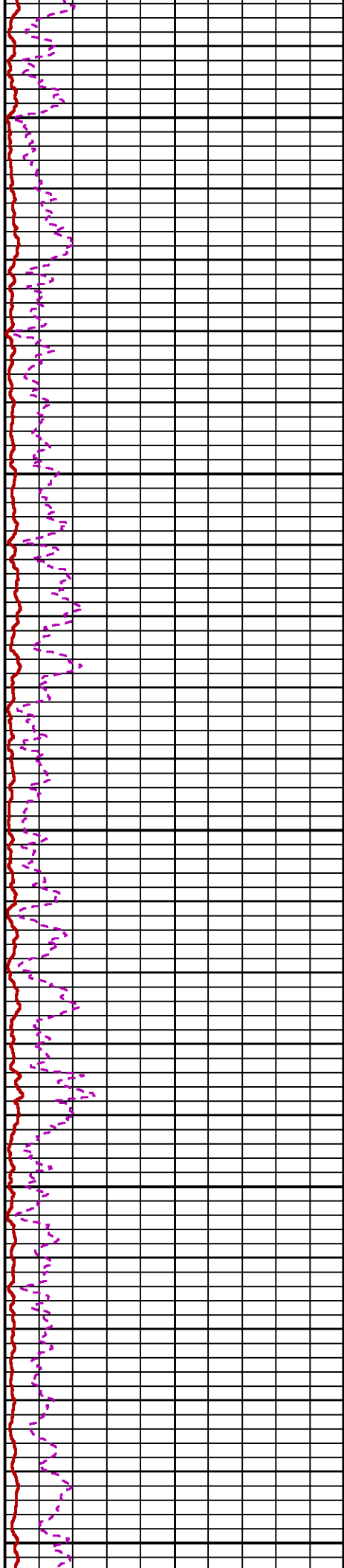
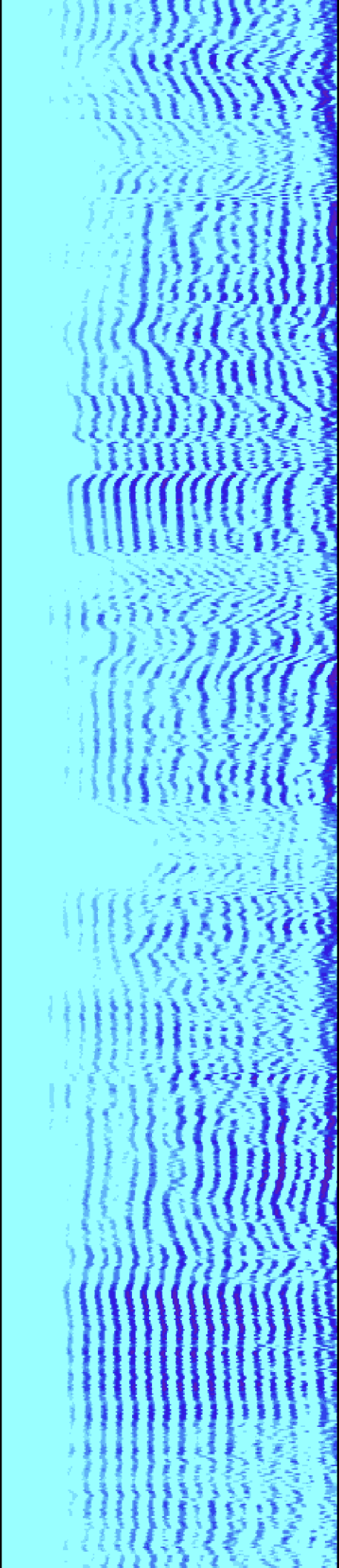
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	May 23 09:29:32 2015	CASING COLLAR LOCATOR
F1:FAMPN	May 23 09:29:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	May 23 09:29:32 2015	FAR WAVE FORM
F1:GR	May 23 09:29:32 2015	GAMMA RAY
F1:TTN	May 23 09:29:32 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	May 23 09:29:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

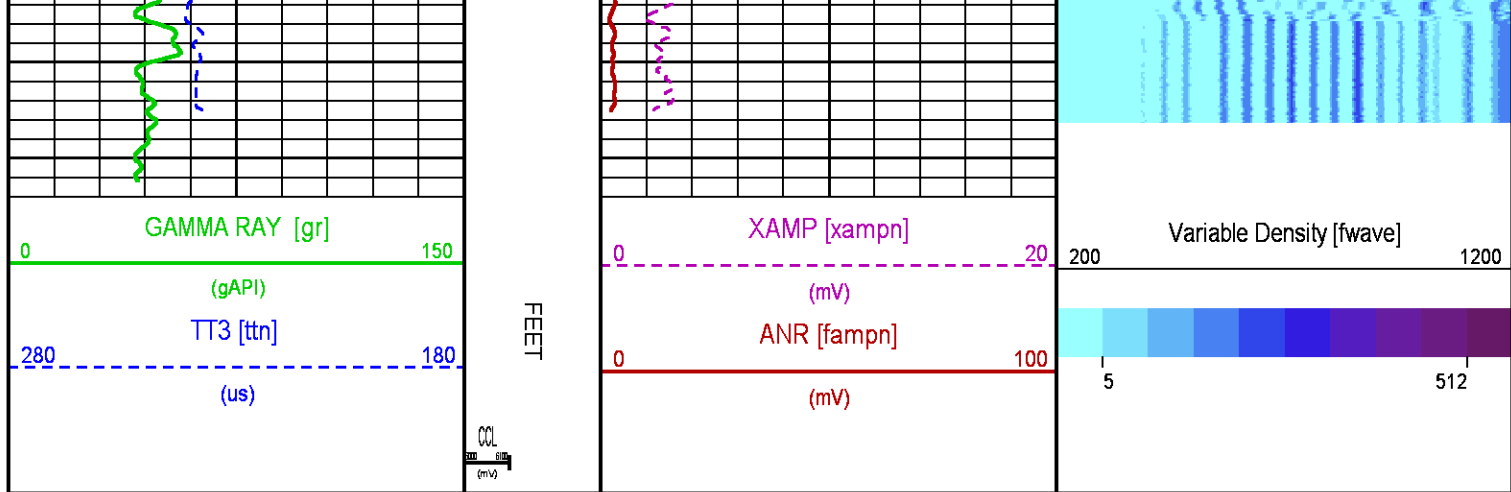
CURVE MEASURE POINT OFFSET

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	: cas6685:/dat1a/CH096702/REPEAT_ral_cbl.fvpdf [5"/100' Scale]
Plot Interval	: 12171.2 - 12428.5 Feet
Data File 1	: F1 : cas6685:/dat1a/CH096702/n012e01_REPEAT.xtf
Created On	: May 23 09:29:32 2015
Company	: WPX ENERGY
Well	: FEDERAL RGU 343-26-198
Field	: SULPHUR CREEK
File Interval	: 12170.2 - 12430 Feet
OCT	: n012e







CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH096702/m012e.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Sat May 23 08:36:08 2015

UNIT #: 3885TC 6685

	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)	-0.09	-0.00	-0.09	0.01	0.01	-0.05	-0.08	0.01	0.06	0.14	-0.07
AMP FLUID (mV)	125	124	124	124	124	124	124	124	125	174	124
TT (us)	218	218	217	214	217	218	217	216	218	327	218
M FACTOR	0.80	0.80	0.80	0.81	0.80	0.80	0.80	0.80	0.80	0.86	0.81

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Sat May 23 08:38:31 2015

DAYS SINCE CAL: 0

UNIT #: 3885TC 6685

CABLE #: 6685LG 53420-C1

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	0.02	0.00	-0.05	-0.02	0.00	-0.02	-0.01	-0.02	0.01	0.04

AMP AIR	1.35	1.18	1.07	1.33	1.36	1.51	1.59	1.34	1.30	1.16	99.88
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SHOP	SHOP	WIRELINE
M FACTOR	A FACTOR	FACTOR
0.81	0.00	1.00

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 2459XA 10417457

DATE/TIME PERFORMED: Mon May 18 15:41:33 2015

UNIT #: 3885TC 6685

CALB JIG #: 4702NK VBA-905

	BACKGROUND CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	86.84	335.29	0.403	34.96	134.96
					100

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 2459XA 10417457

DATE/TIME PERFORMED: Mon May 18 15:43:36 2015

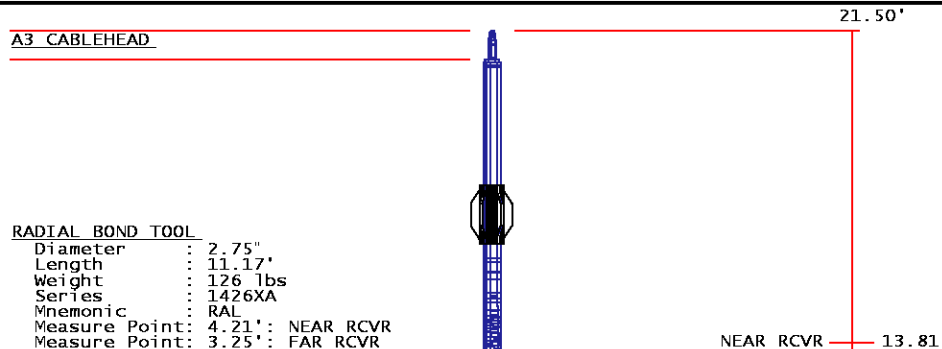
UNIT #: 3885TC 6685

VERI JIG #: 4702NK VBA-905

	BACKGROUND CALBRTR ON (cts)	MULT	BACKGROUND CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	85.87	0.403	34.56	102.56
				90.00 110.00

INSTRUMENT CONFIGURATION

Source File: /dat1a/CH096699/n012e~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

BULL PLUG 2 3/4

TOTAL LENGTH: 21.50'
 TOTAL WEIGHT: 240 lbs
 MAX DIAMETER: 0'4.25"


FAR RCVR 12.85'

CCL 8.65'

GR 6.79'

NEU 1.40'

0.00'

	COMPANY	<u>WPX ENERGY</u>		FILE NO:	<u>CH096702</u>
	WELL	<u>FEDERAL RGU 343-26-198</u>		API NO:	<u>05103119670000</u>
	FIELD	<u>SULPHUR CREEK</u>			
	COUNTY	<u>RIO BLANCO</u>	STATE	<u>COLORADO</u>	
LOCATION:			ELEVATIONS:	SEC 26 T1S R98W	
SHL: 2448' FNL 910' FEL			KB 6646 FT	RGU 42-26-198	
BHL: 2577' FSL 1229' FEL			DF	H&P 318	
SEC <u>26</u> TWP <u>1S</u> RGE <u>98W</u>			GL 6622 FT		
			DATE	<u>23-May-2015</u>	