



FILE NO:	COMPANY	
WELL		LARAMIE ENERGY
FIELD		BRUTON 19-17W
API NO:	COUNTY	VEGA
05077103790000	MESA	STATE COLORADO
Version	LOCATION:	OTHER SERVICES
SHL: LAT:39.255232N;LONG:107.806537W		RPM
BHL: LAT:39.258541N;LONG:107.816061W		
SEC 19 TWP 9S RGE 93W		
PERMANENT DATUM	GL	ELEVATION
LOG MEASURED FROM	KB	7425 FT
DRILL. MEAS. FROM	KB	ABOVE P.D.
		ELEVATIONS:
		KB 7449 FT
		DF 7448 FT
		GL 7425 FT

DATE	21-AUG-2017	
RUN	TRIP	1
SERVICE ORDER	US126722	
DEPTH DRILLER	8419 FT	
DEPTH LOGGER	8386 FT	
BOTTOM LOGGED INTERVAL	8386 FT	
TOP LOGGED INTERVAL	24 FT	
TIME STARTED	13:00	
TIME FINISHED	16:00	
OPERATOR RIG TIME	3 HOURS	
TYPE OF FLUID IN HOLE	WATER	
FLUID DENSITY	NA	
FLUID SALINITY	NA	
FLUID LEVEL	50 FT	
LOGGED CEMENT TOP	2980 FT	
WELLHEAD PRESSURE	0 PSI	
MAXIMUM HOLE DEVIATION	NA	
NOMINAL LOGGING SPEED	100 F/MN	
MAX. RECORDED TEMP.	237 DEGF	
REFERENCE LOG	NA	
REFERENCE LOG DATE	NA	
EQUIP. NO.	LOCATION	WOODWARD
RECORDED BY	S. YASSA	
WITNESSED BY	MR. CHUCK MALLARY	

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.

REMARKS
RUN1 TRIP 1: *2 OPERATIONS IN WELL*
OPERATION 1: RAL/GR/CCL RUN CENTRALIZED
LOGGED WITH 0 PSI ON WELLHEAD
SJ: 6506' - 6524'
SJ: 7500' - 7518'
CREW: D.HUTCHINSON, J.PENA

EQUIPMENT DATA				
RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.
1	1	RAL	1426XA	12670180
1	1	GAMMA RAY	1355XA	10218496

MAIN PASS 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1 Patches: 9

Plotted: Mon Aug 21 16:39:50 2017

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/LARAMIE_BRUTON_19_17W/n012g02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: -7.750 ft BOTTOM DEPTH: 8387.408 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*)	189	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	189	us	"	"
	AMP WINDOW START (fgp3*)	189	us	"	"
	AMP WINDOW START (fgp4*)	189	us	"	"
	AMP WINDOW START (fgp5*)	189	us	"	"
	AMP WINDOW START (fgp6*)	189	us	"	"
	AMP WINDOW START (fgp7*)	189	us	"	"
	AMP WINDOW START (fgp8*)	189	us	"	"
	AMP WINDOW START (fgpn*)	189	us	"	"
	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 (str1*)	-62	us	TOP	1234.250
		-60	us	1234.250	4039.000
		-61	us	4039.000	6417.500
		-59	us	6417.500	BOTTOM
	TOOL DELAY (str2*)	-62	us	TOP	1234.250
		-60	us	1234.250	4039.000
		-61	us	4039.000	6417.500
		-59	us	6417.500	BOTTOM
	TOOL DELAY (str3*)	-62	us	TOP	1234.250
		-60	us	1234.250	4039.000
		-61	us	4039.000	6417.500
		-59	us	6417.500	BOTTOM
	TOOL DELAY (str4*)	-62	us	TOP	1234.250
		-60	us	1234.250	4039.000
		-61	us	4039.000	6417.500
		-59	us	6417.500	BOTTOM
	TOOL DELAY (str5*)	-62	us	TOP	1234.250
		-60	us	1234.250	4039.000
		-61	us	4039.000	6417.500
		-59	us	6417.500	BOTTOM
	TOOL DELAY (str6*)	-62	us	TOP	1234.250
		-60	us	1234.250	4039.000
		-61	us	4039.000	6417.500
		-59	us	6417.500	BOTTOM
	TOOL DELAY (str7*)	-62	us	TOP	1234.250
		-60	us	1234.250	4039.000
		-61	us	4039.000	6417.500
		-59	us	6417.500	BOTTOM
	TOOL DELAY (str8*)	-62	us	TOP	1234.250
		-60	us	1234.250	4039.000
		-61	us	4039.000	6417.500
		-59	us	6417.500	BOTTOM

	TOOL DELAY (strn*)	-59	us	4039.000	6417.500	TOP	BOTTOM
		-62	us			TOP	1234.250
		-60	us			1234.250	4039.000
		-61	us			4039.000	6417.500
		-59	us			6417.500	BOTTOM
BASLINE NOISE (NEAR)	NOISE WINDOW START	125	us	TOP			BOTTOM
	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	"	"

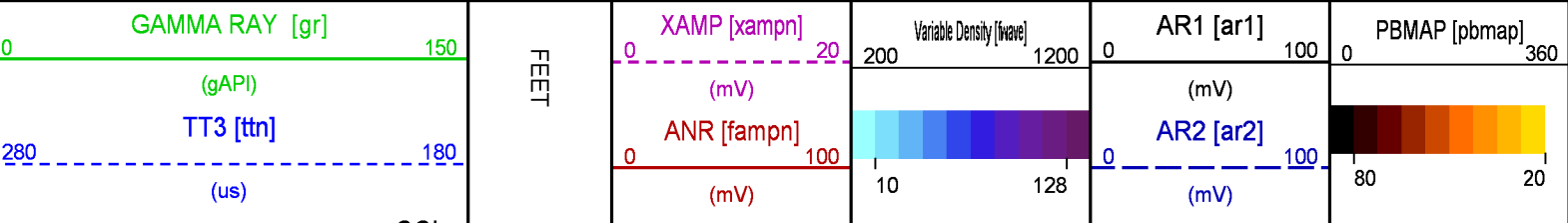
CURVE DESCRIPTION REPORT

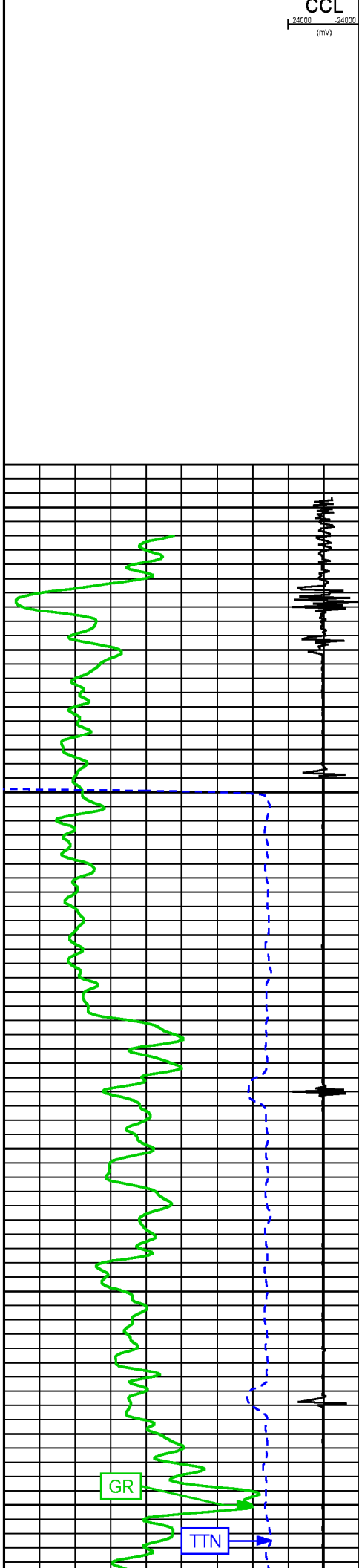
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE T-R1
F1:AR2	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE T-R2
F1:AR3	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE T-R3
F1:AR4	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE T-R4
F1:AR5	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE T-R5
F1:AR6	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE T-R6
F1:AR7	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE T-R7
F1:AR8	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE T-R8
F1:CCL	Aug 21 14:58:09 2017	CASING COLLAR LOCATOR
F1:FAMPN	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Aug 21 14:58:09 2017	FAR WAVE FORM
F1:GR	Aug 21 14:58:09 2017	GAMMA RAY
F1:PBMAP	Aug 21 14:58:09 2017	PERCENT BOND CEMENT MAP
F1:TTN	Aug 21 14:58:09 2017	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Aug 21 14:58:09 2017	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

CURVE MEASURE POINT OFFSET

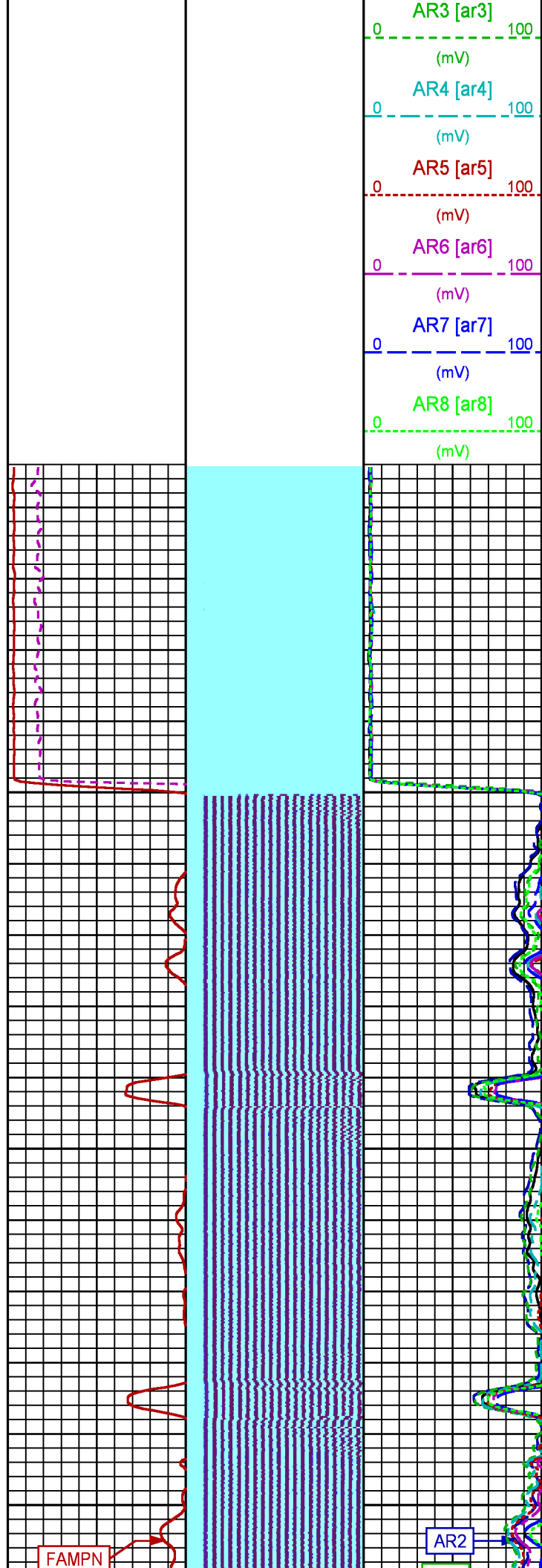
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	11.25	AR5	11.25	CCL	5.75	XAMPN	11.25
AR2	11.25	AR6	11.25	FAMPN	11.25		
AR3	11.25	AR7	11.25	GR	1.75		
AR4	11.25	AR8	11.25	TTN	11.25		

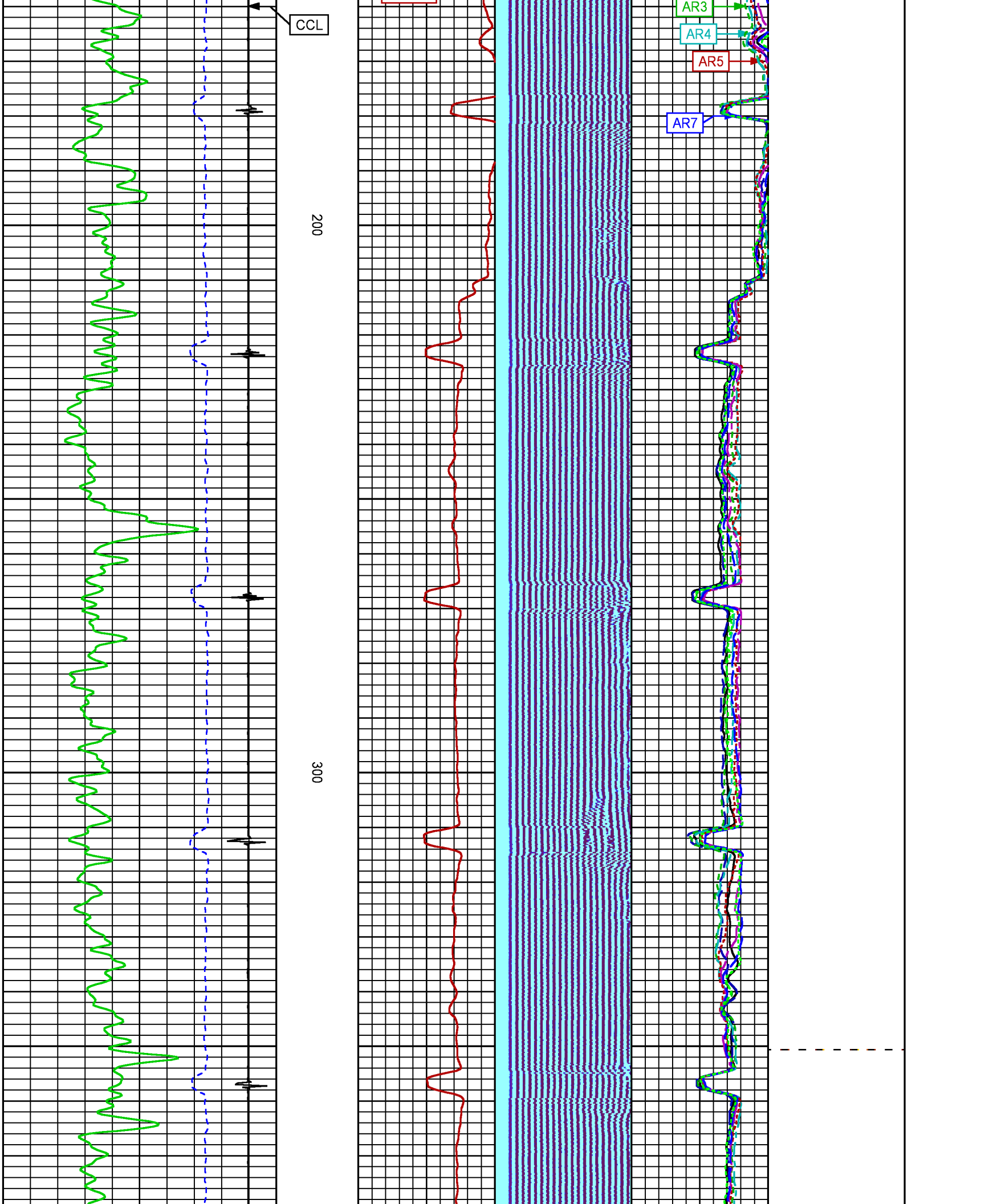
Presentation	: cpu100:/dat1a/LARAMIE_BRUTON_19_17W/BRUTON_19_17W_RAL_MAIN.fvpdf [5"/100' Scale]
Plot Interval	: 4.25 - 8407 Feet
Data File 1	: F1 : cpu100:C:\Users\samiyas\Desktop\LARMAIE\NEW LARAMIE\LARAMIE_BRUTON_19_17W\BRUTON_19_17W_RAL_MAIN.xtf
Created On	: Aug 21 14:58:09 2017
Company	: LARAMIE ENERGY
Well	: BRUTON 19-17W
Field	: MESA
File Interval	: 3.25 - 8408.25 Feet
OCT	: n012g

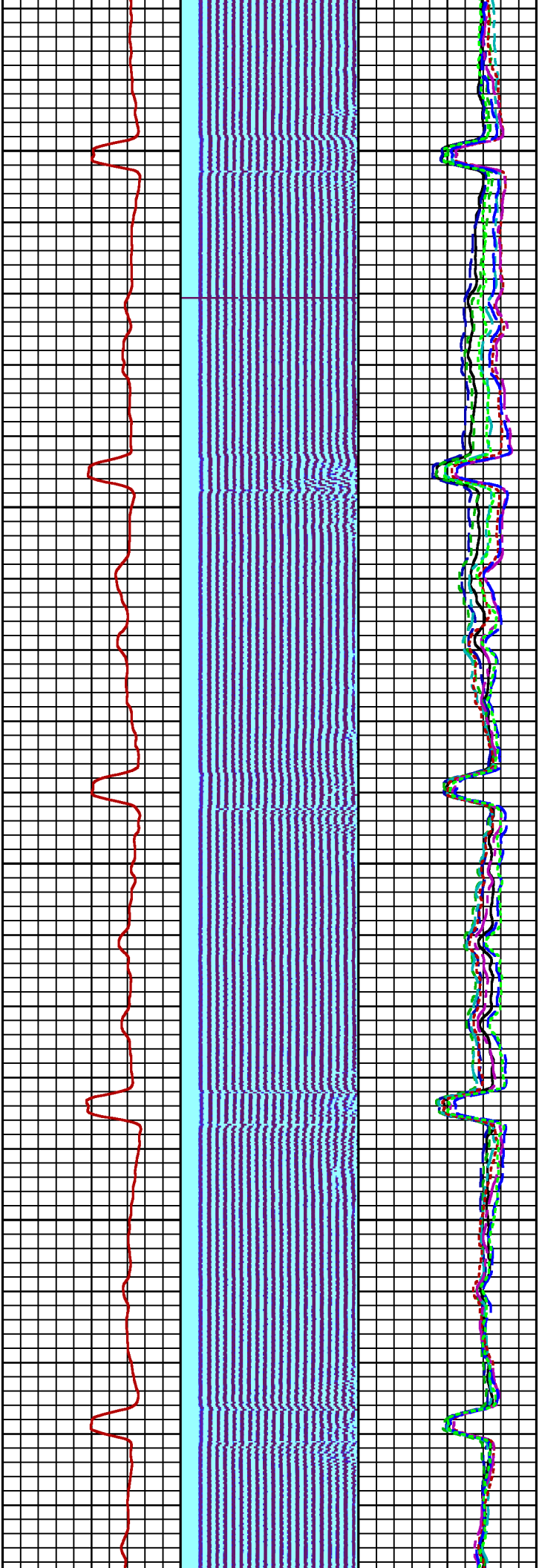




100



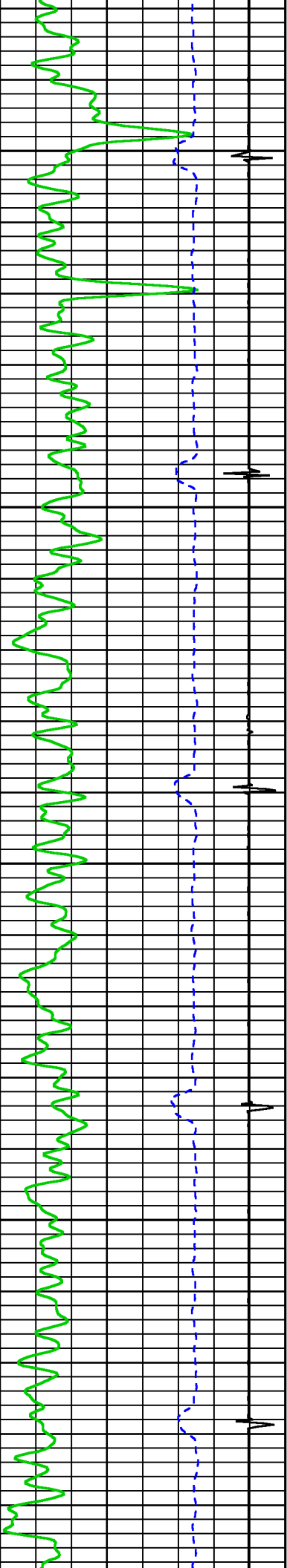


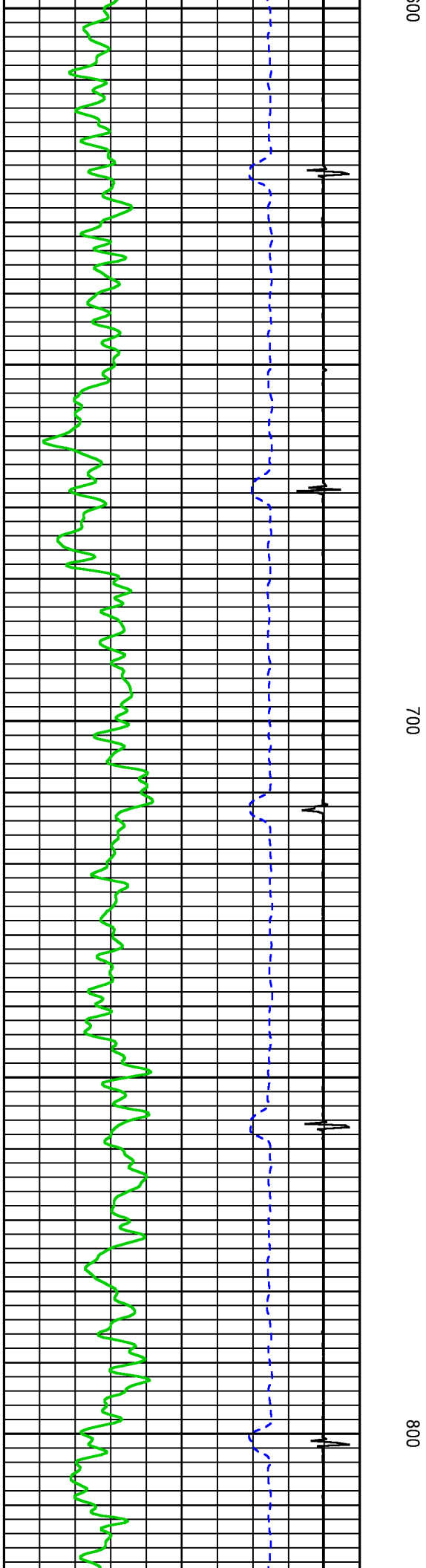
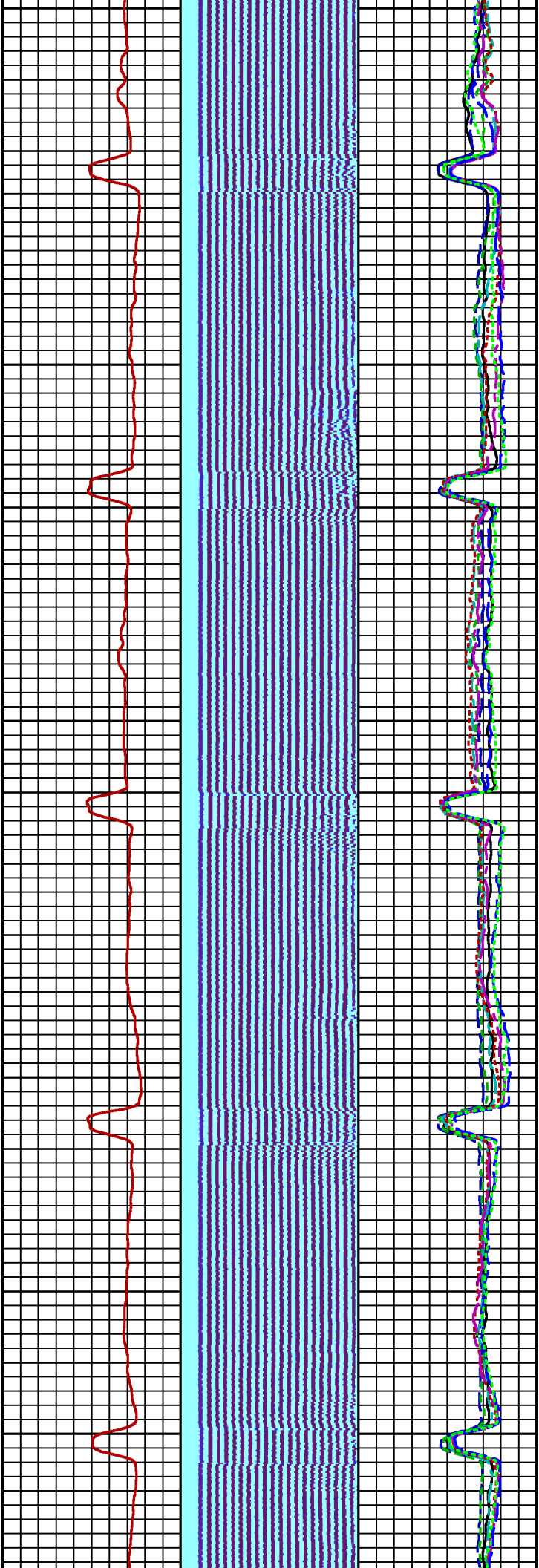


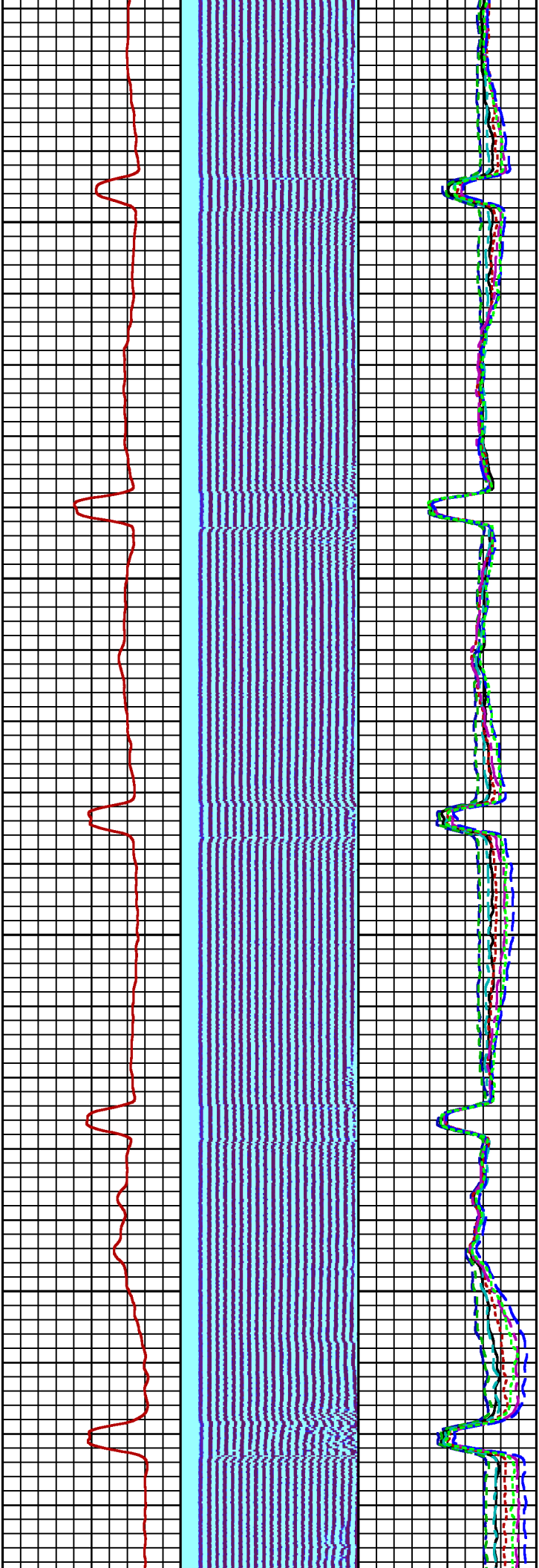
400

500

6

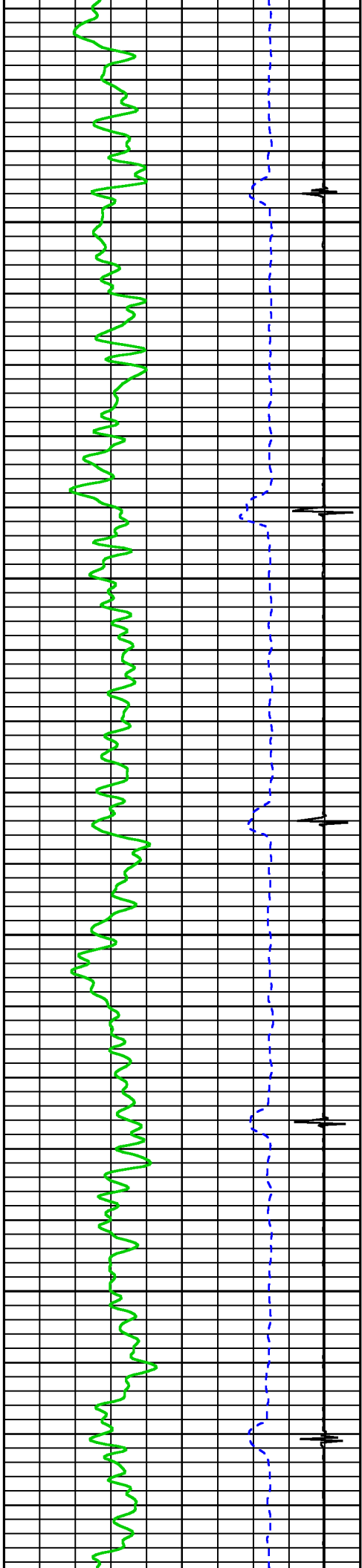


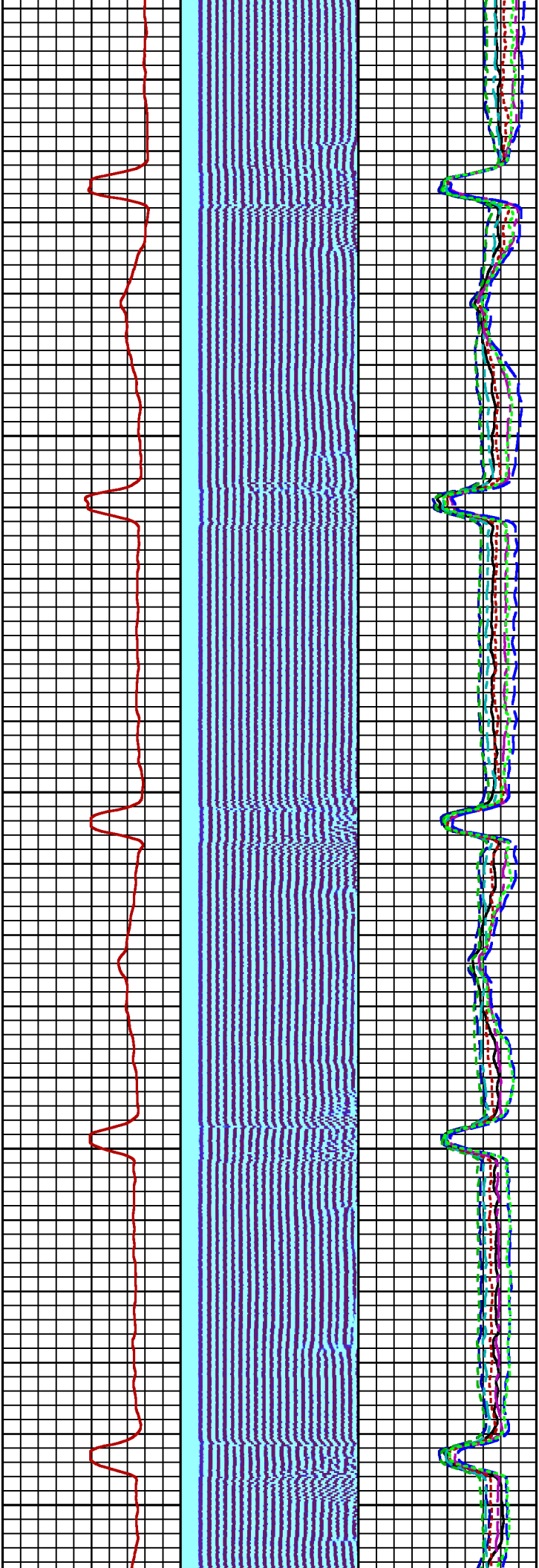




900

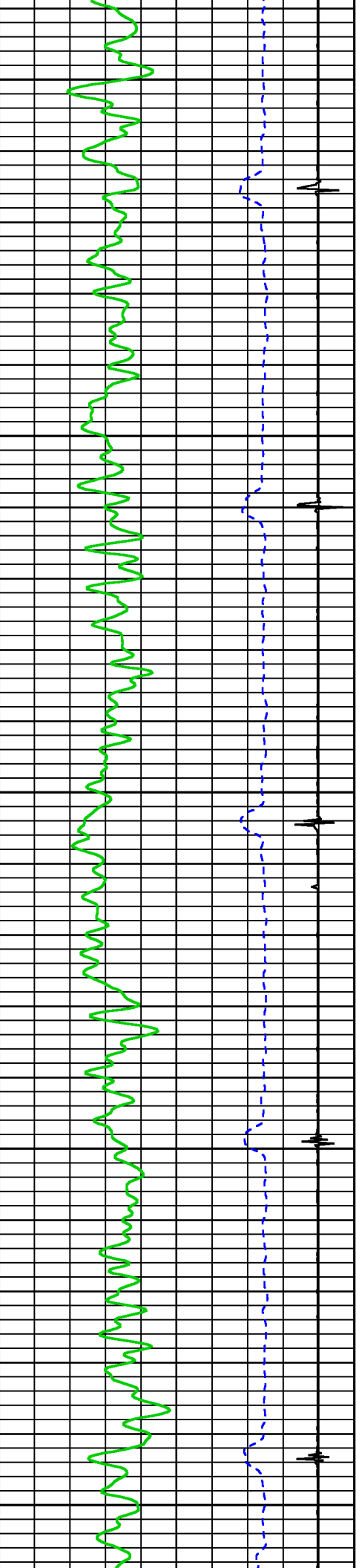
1000

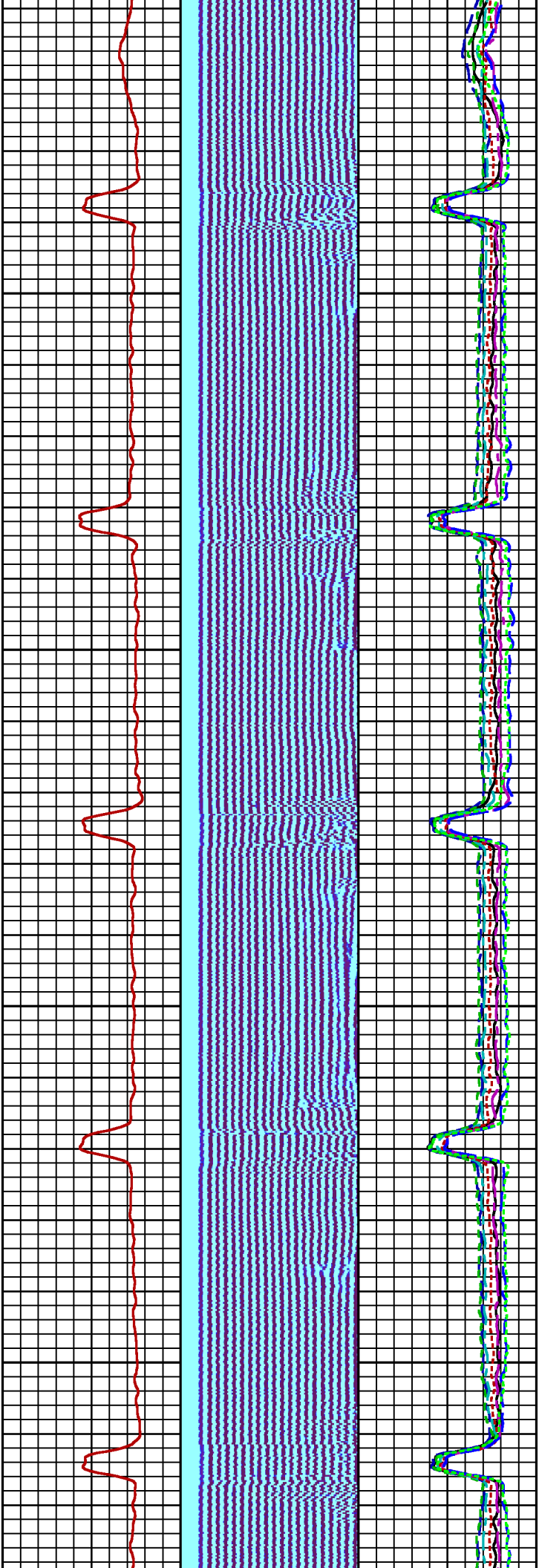




1100

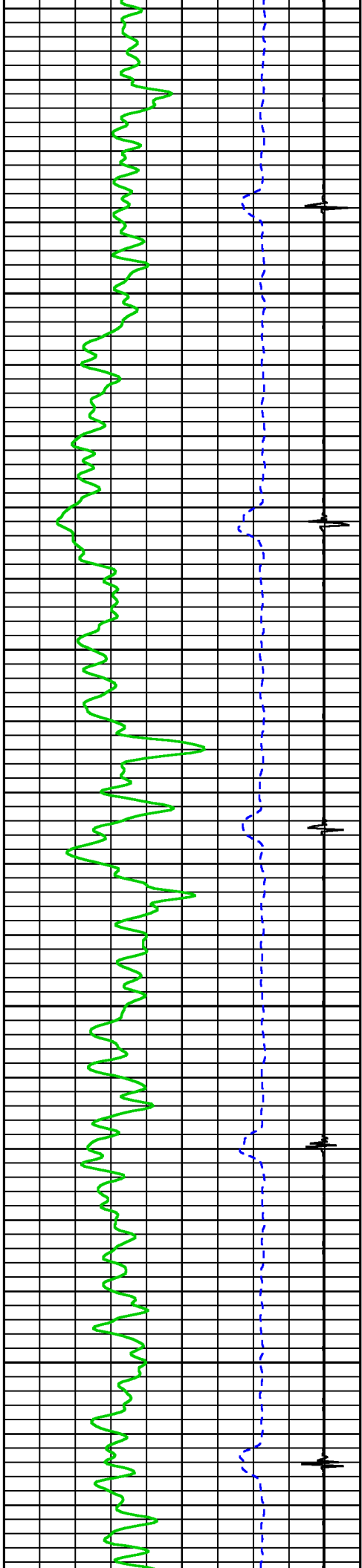
1200

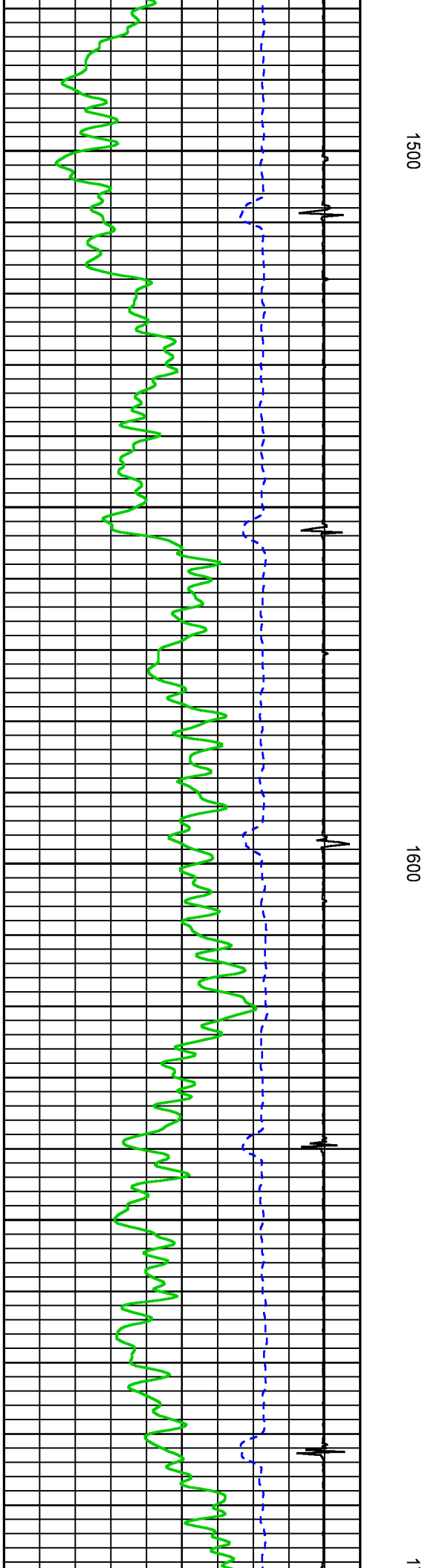
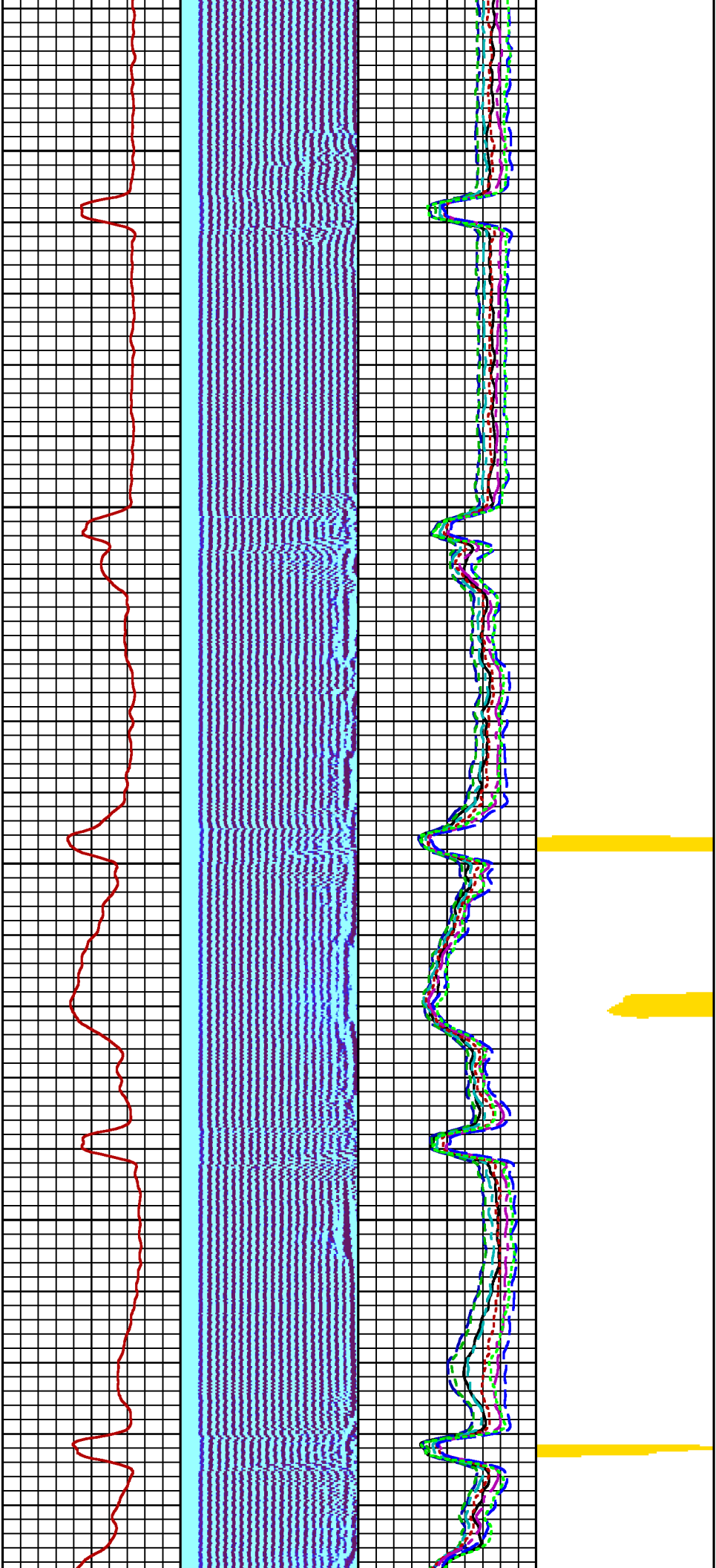


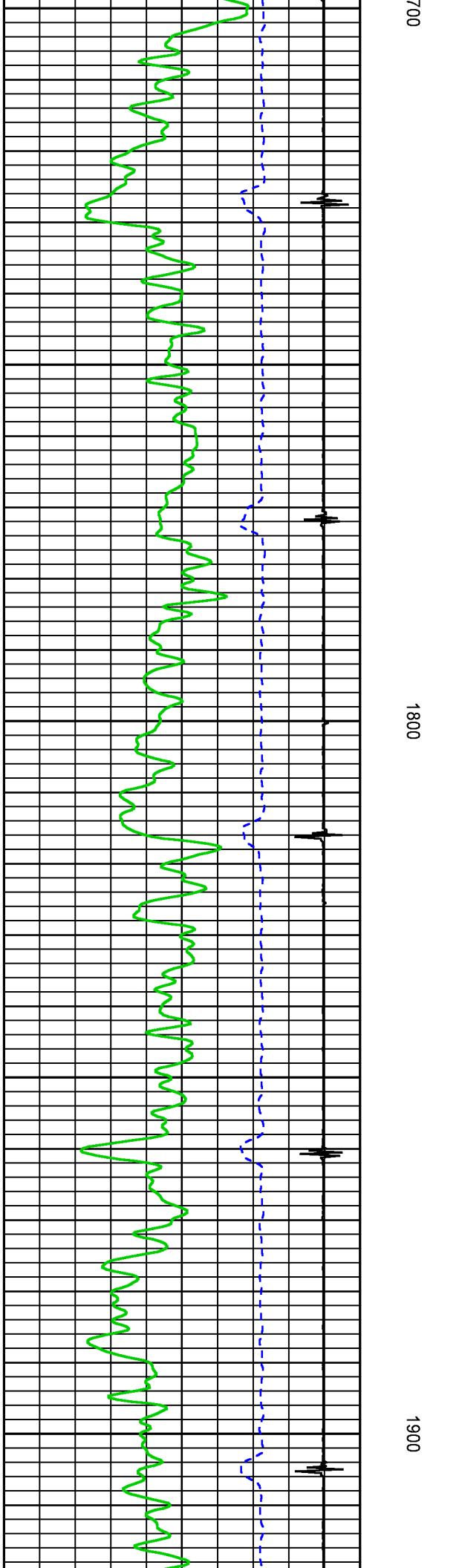
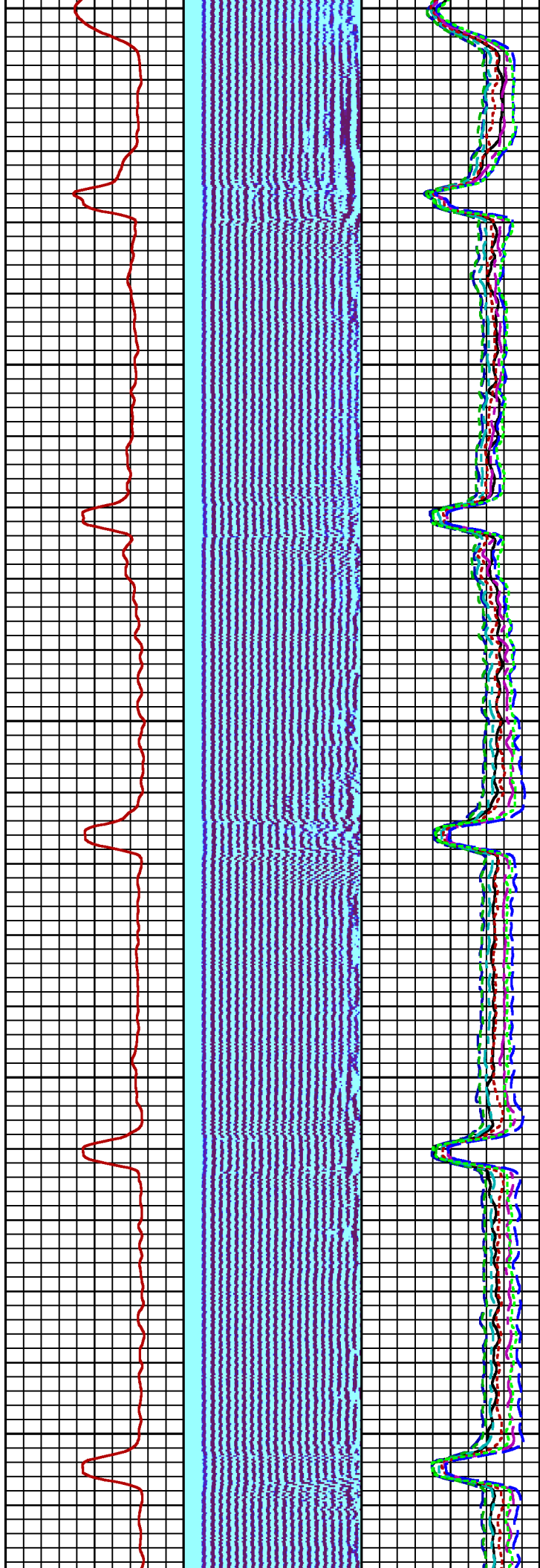
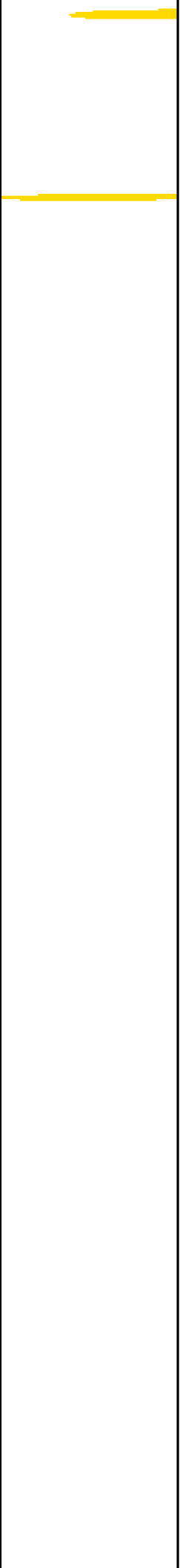


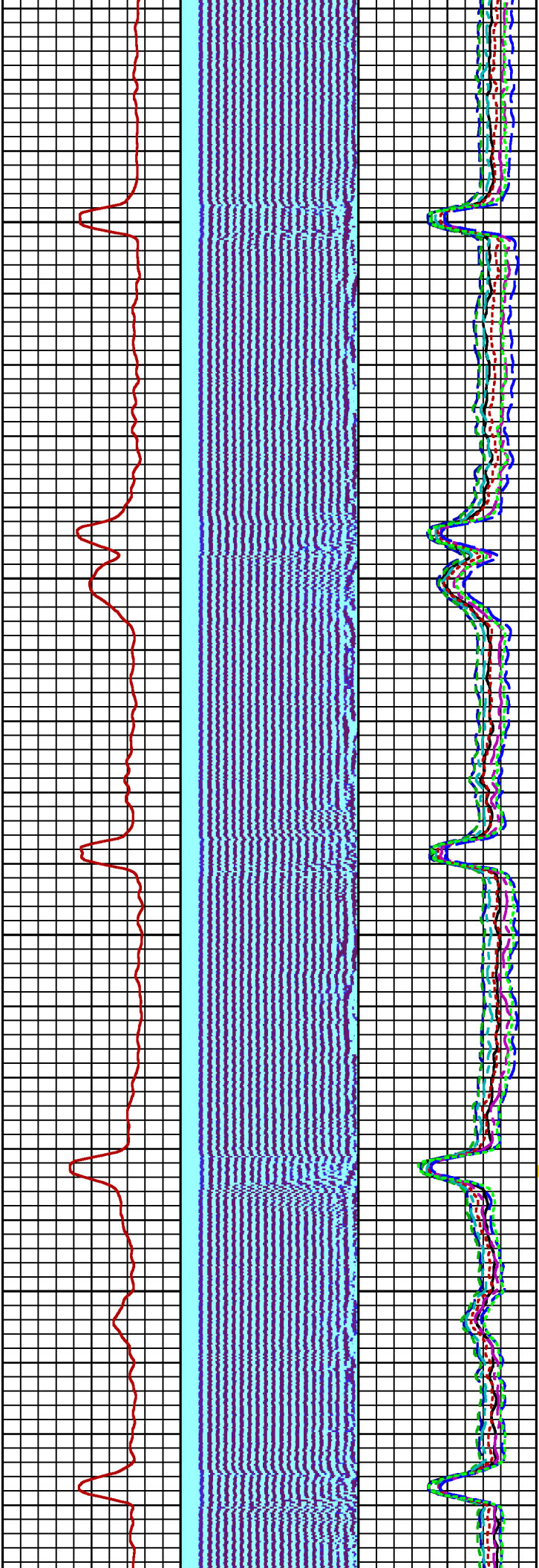
1300

1400



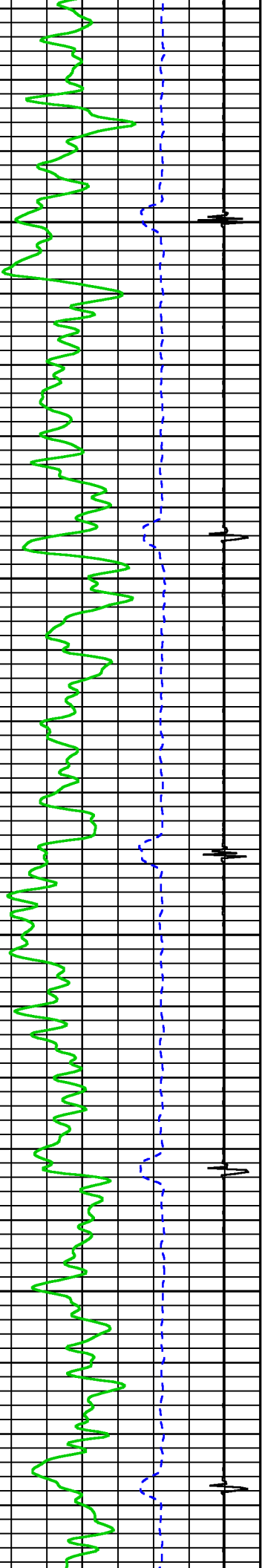


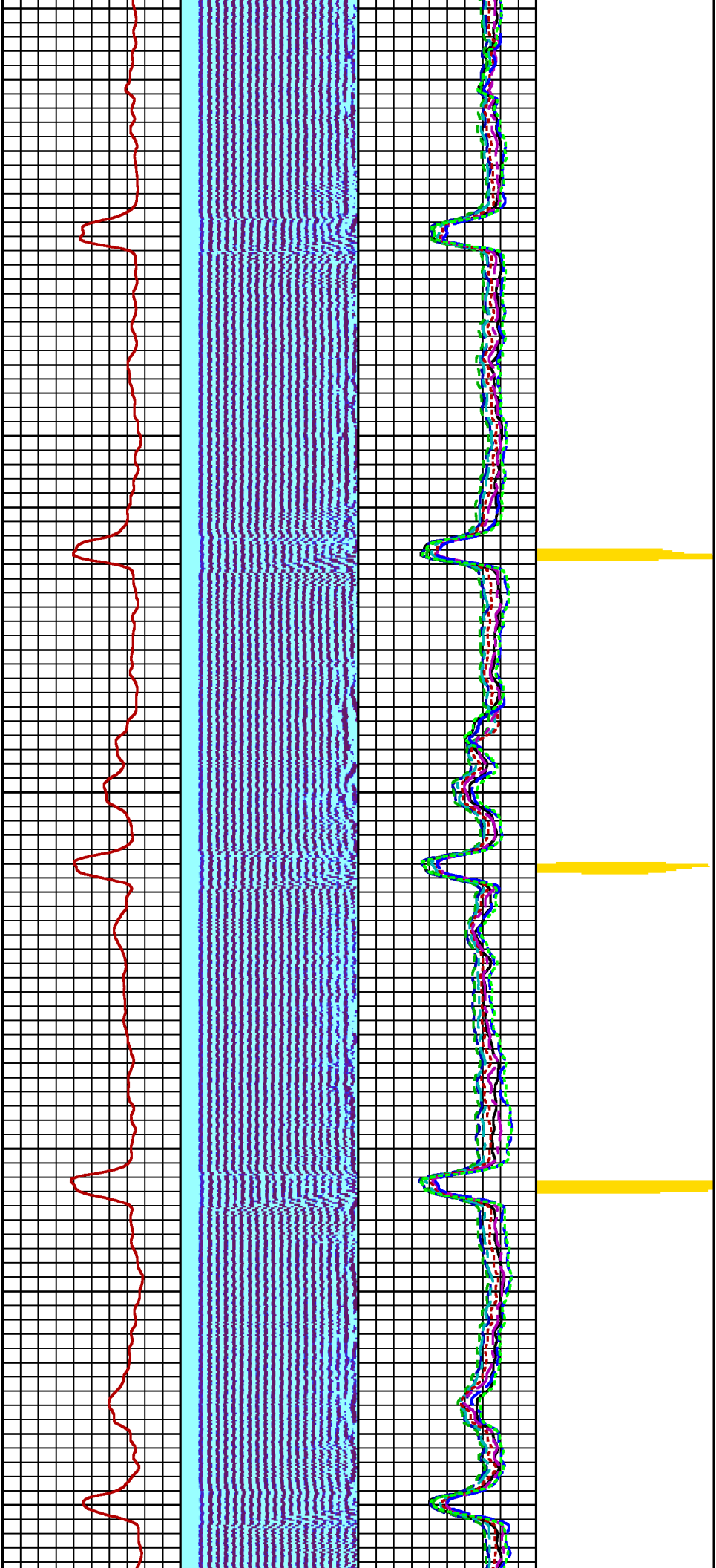




2000

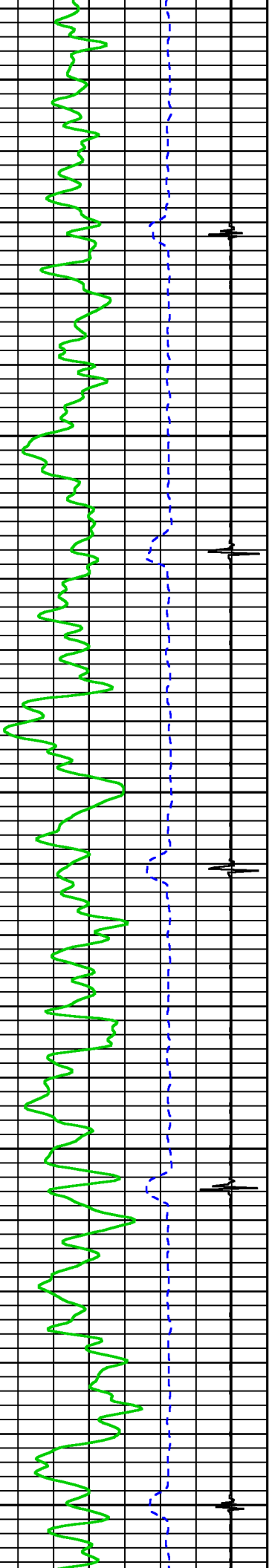
2100

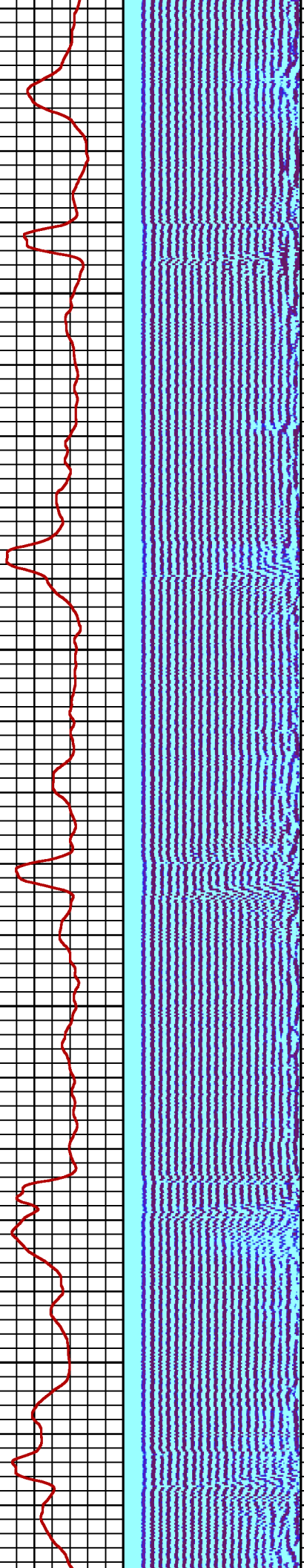
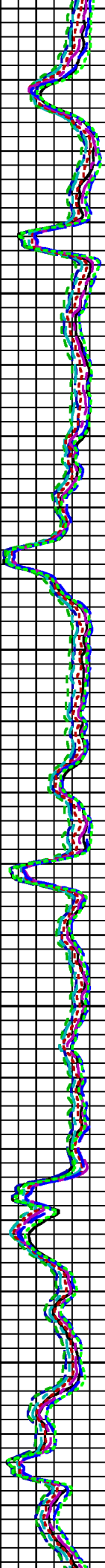
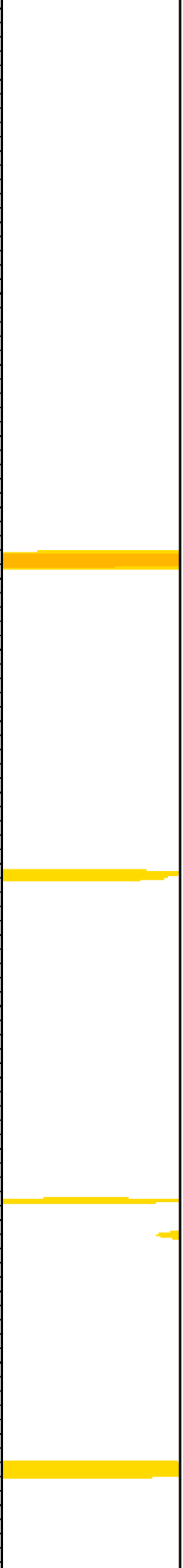




2200

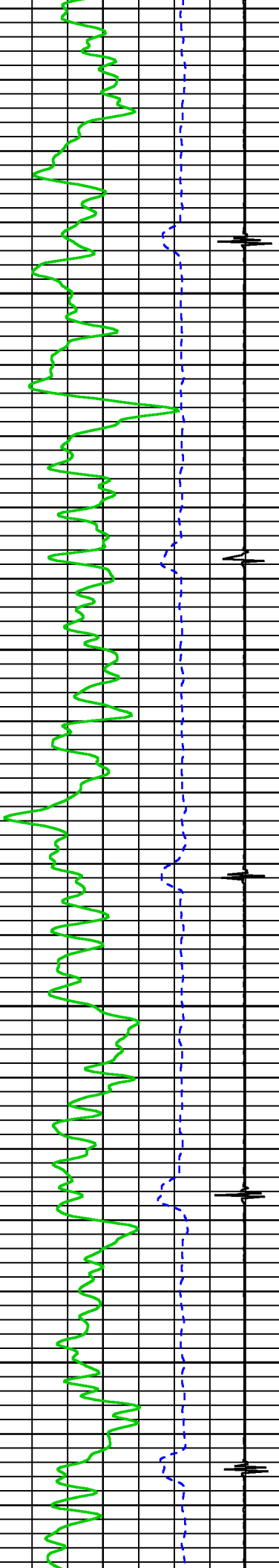
2300

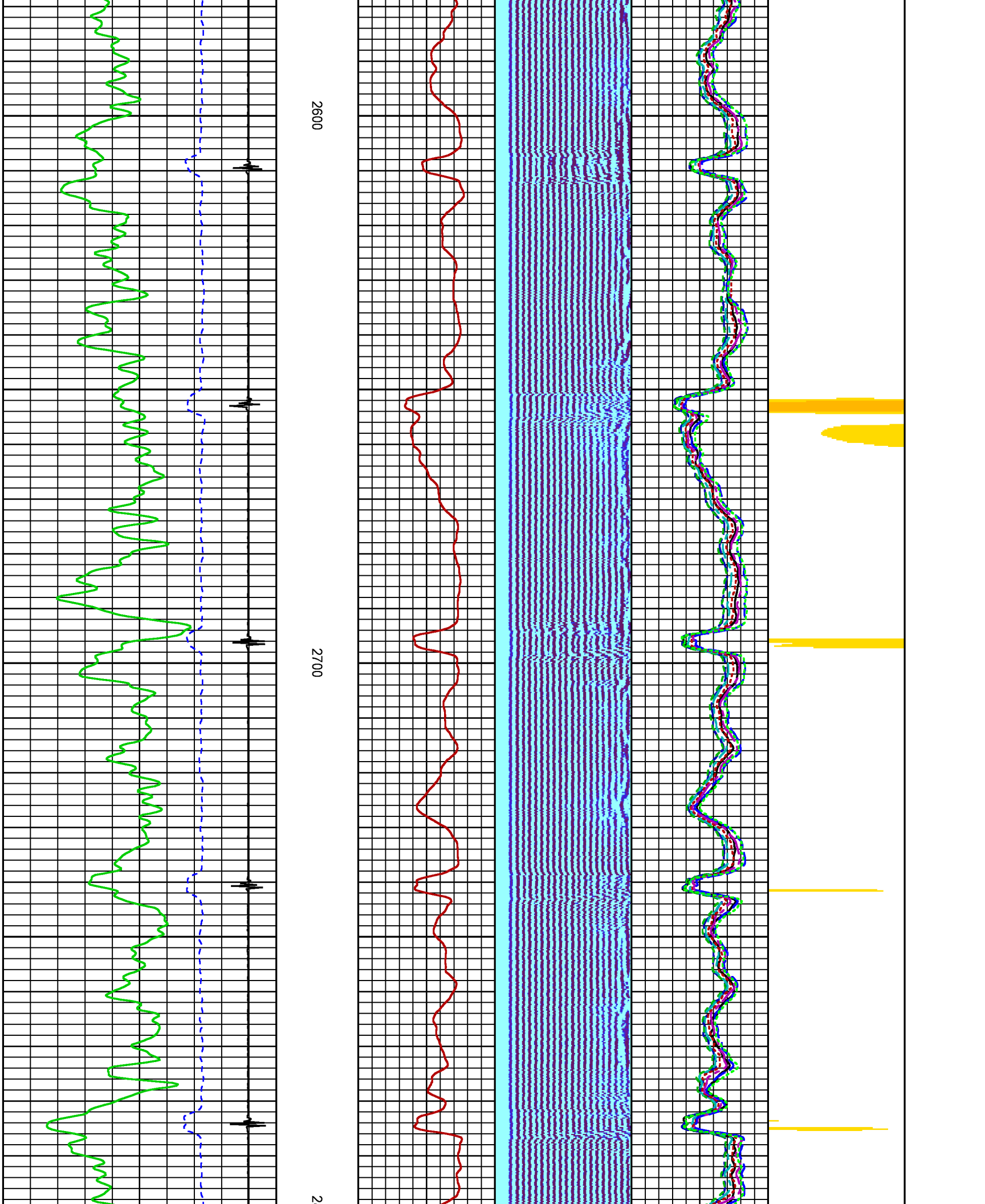


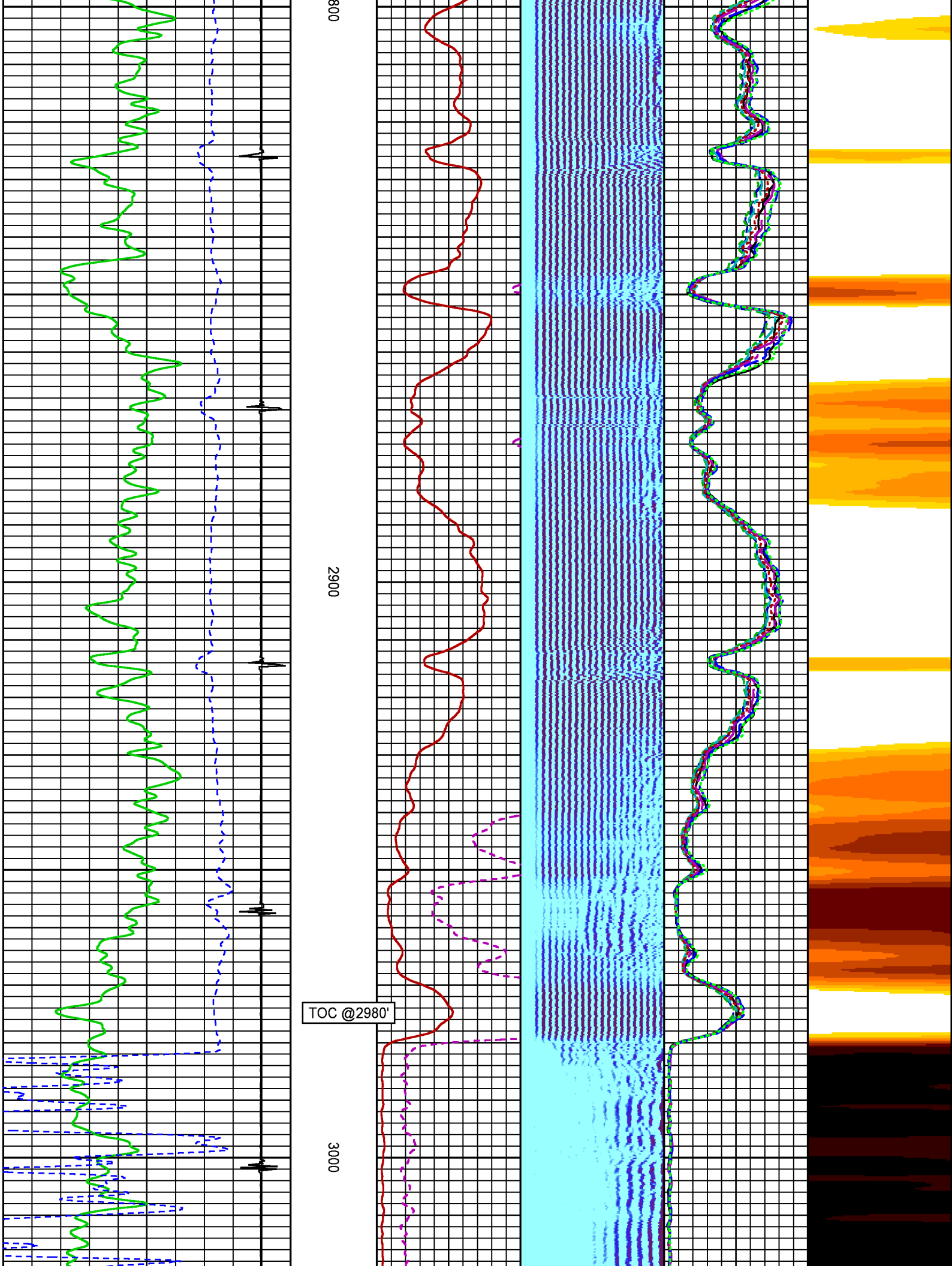


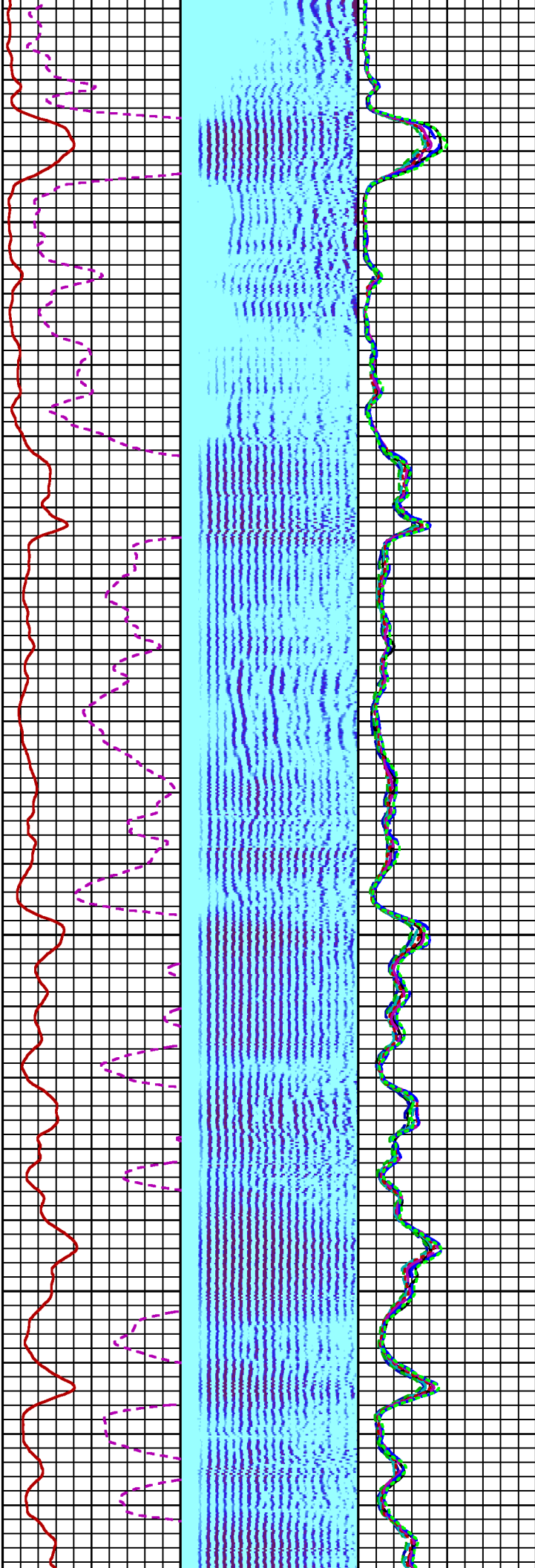
2400

2500



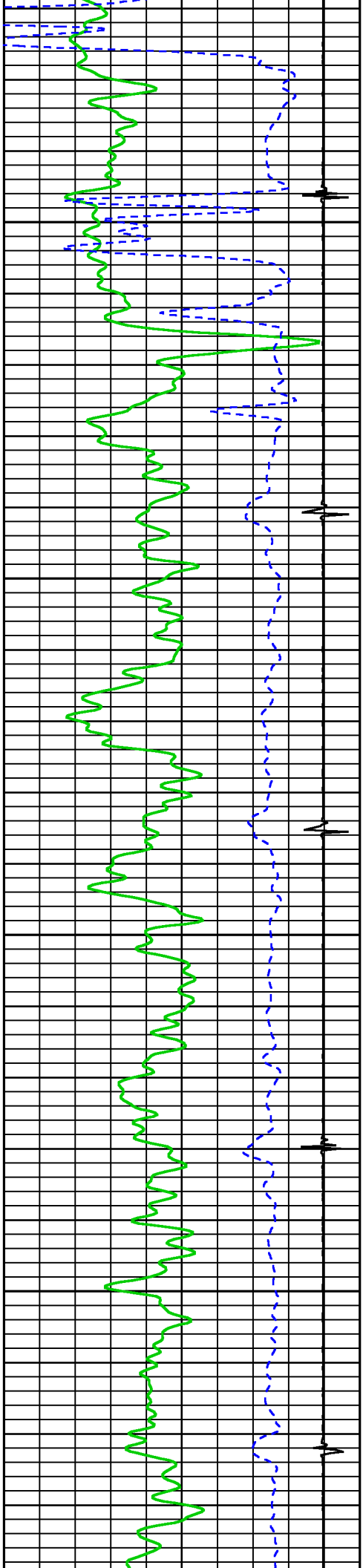


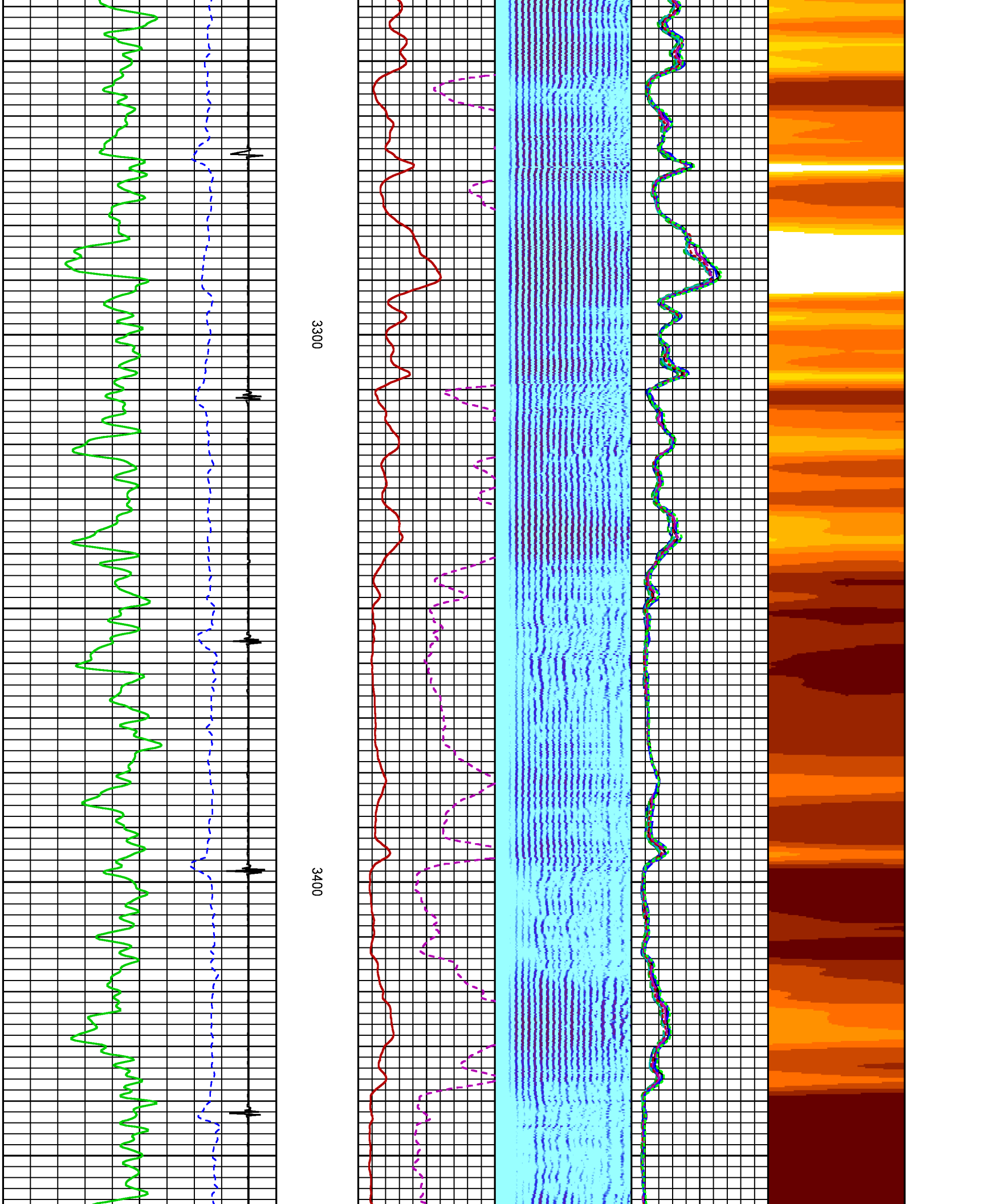


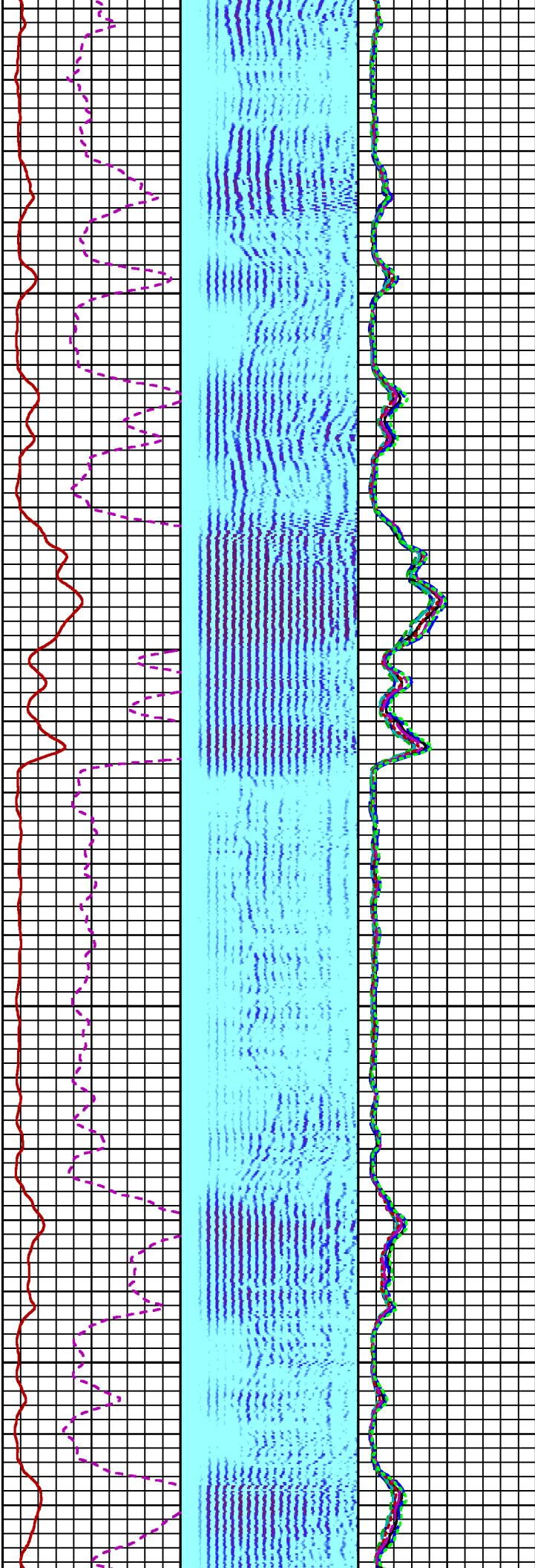


3100

3200

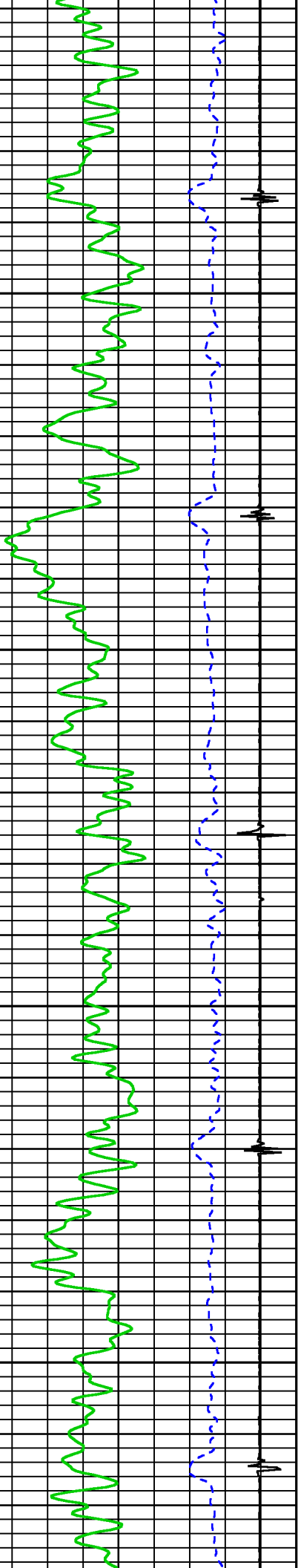


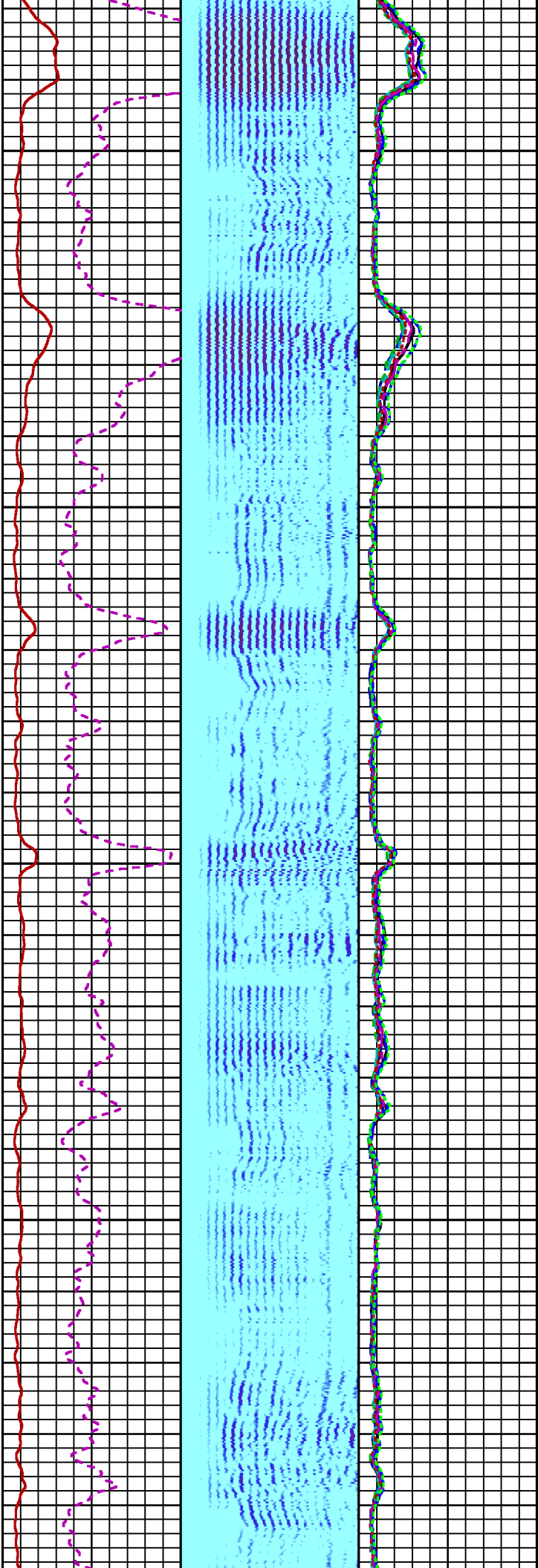
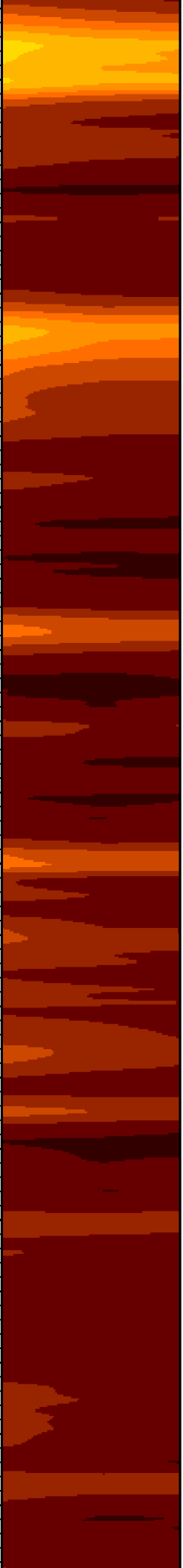




3500

3600

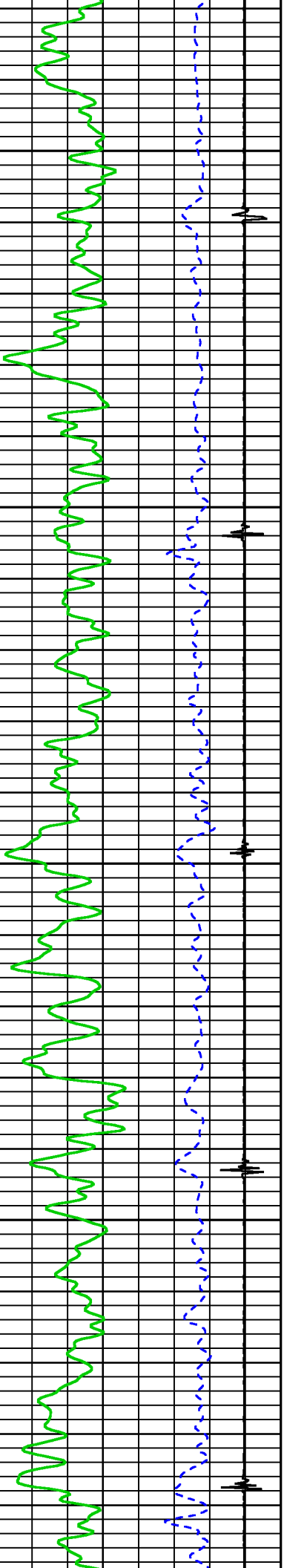


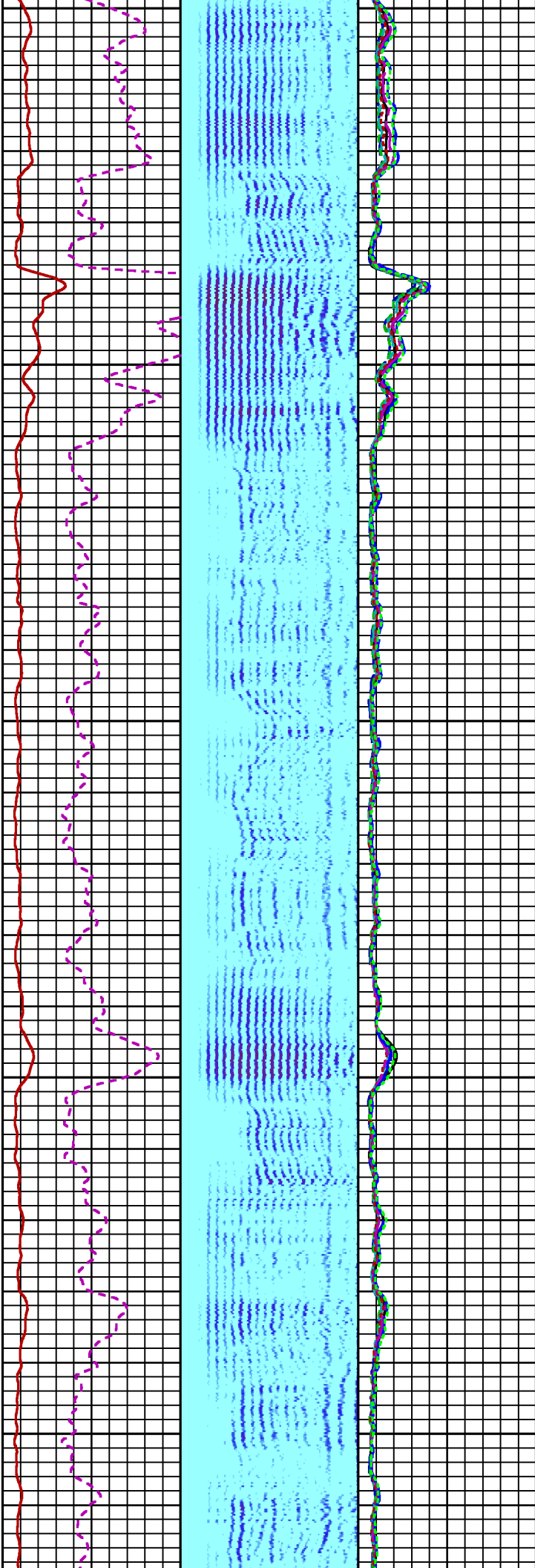


3700

3800

3

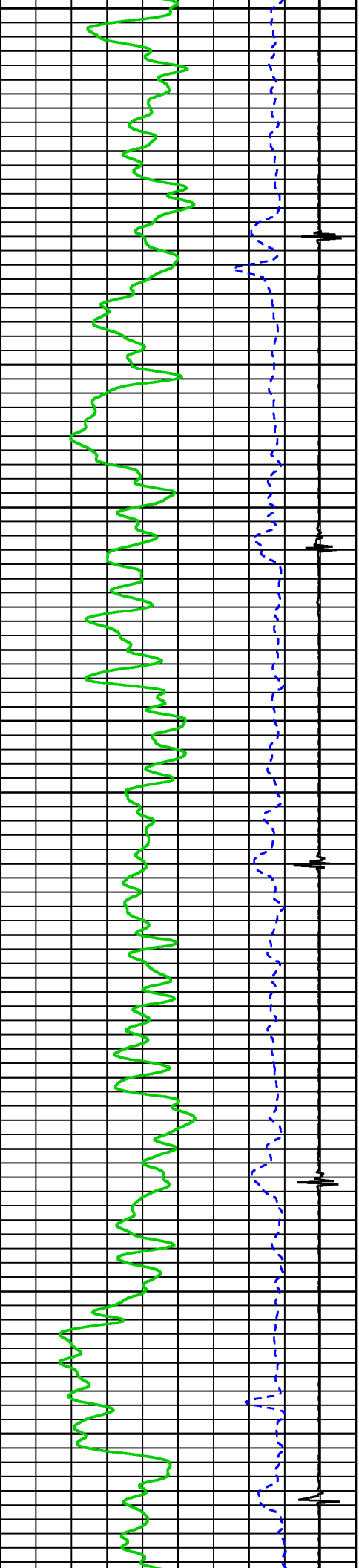


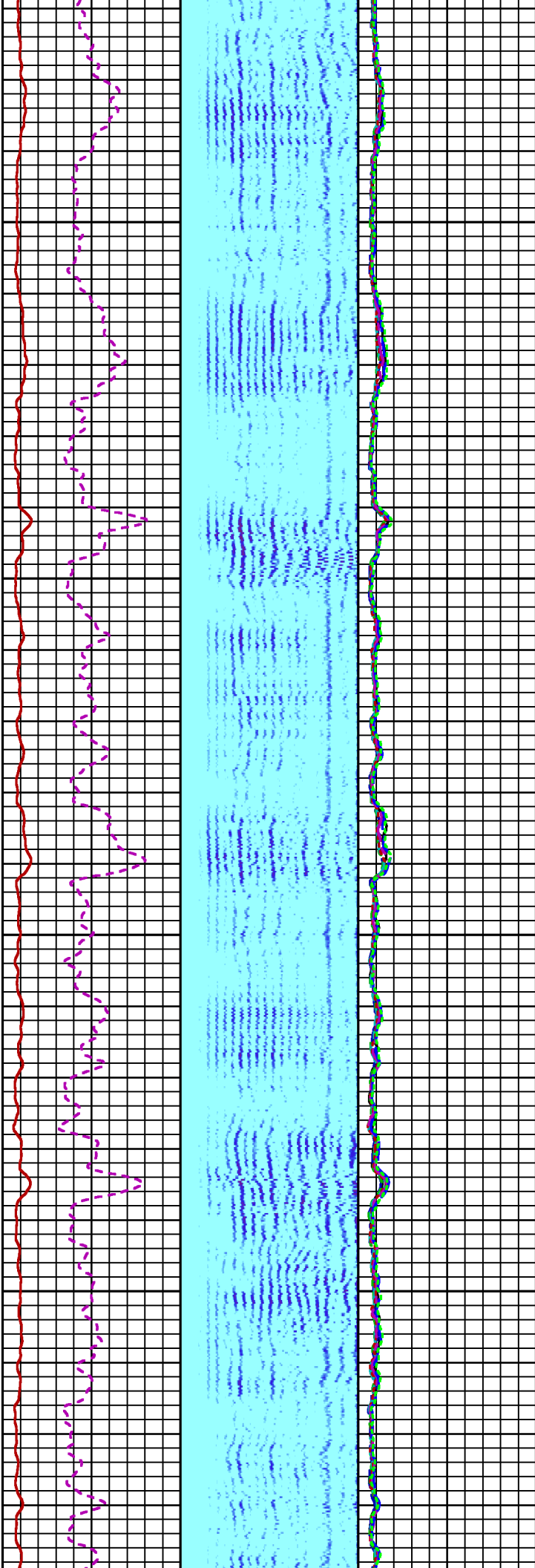
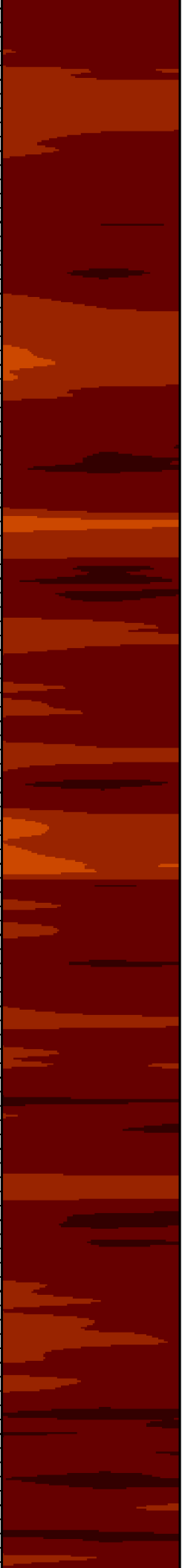


900

4000

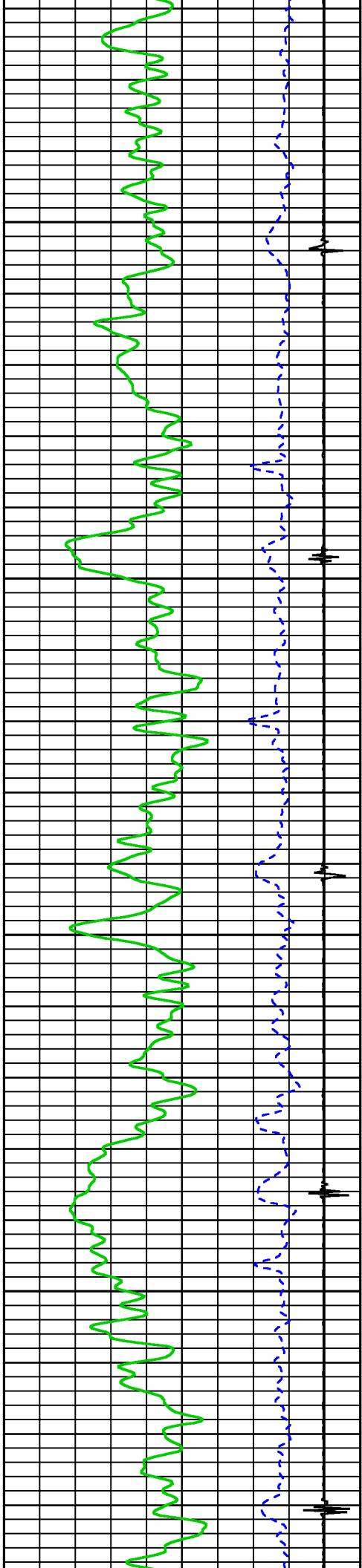
4100

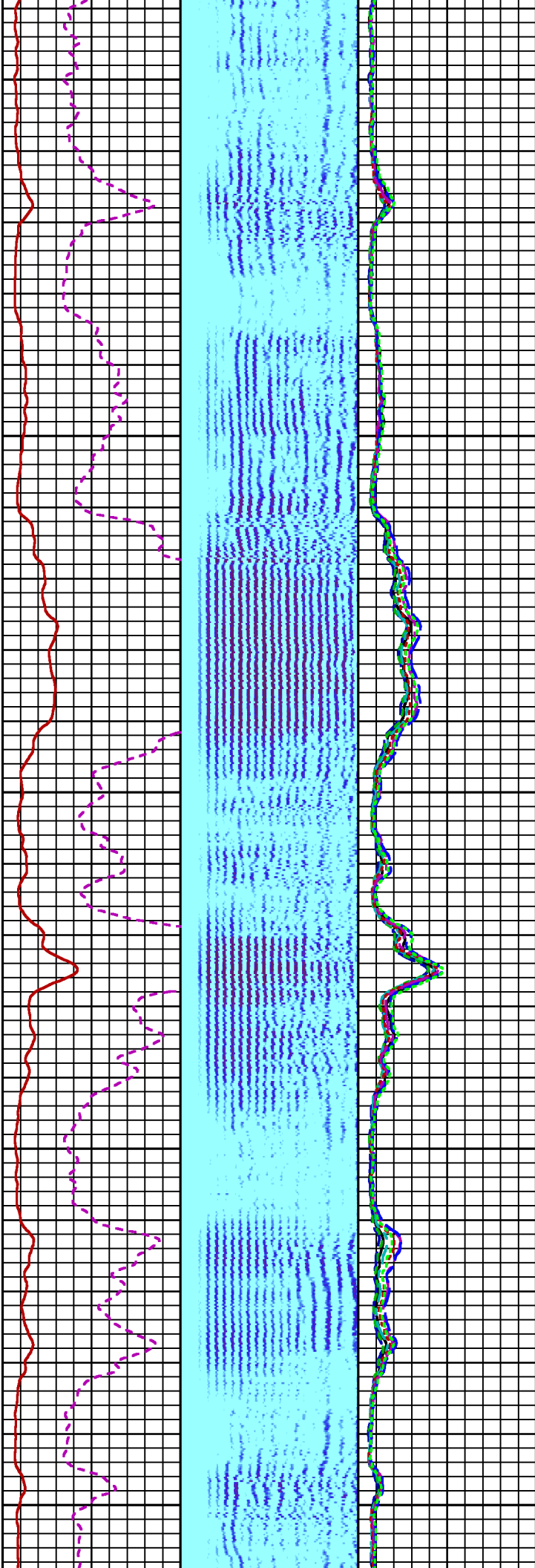




4200

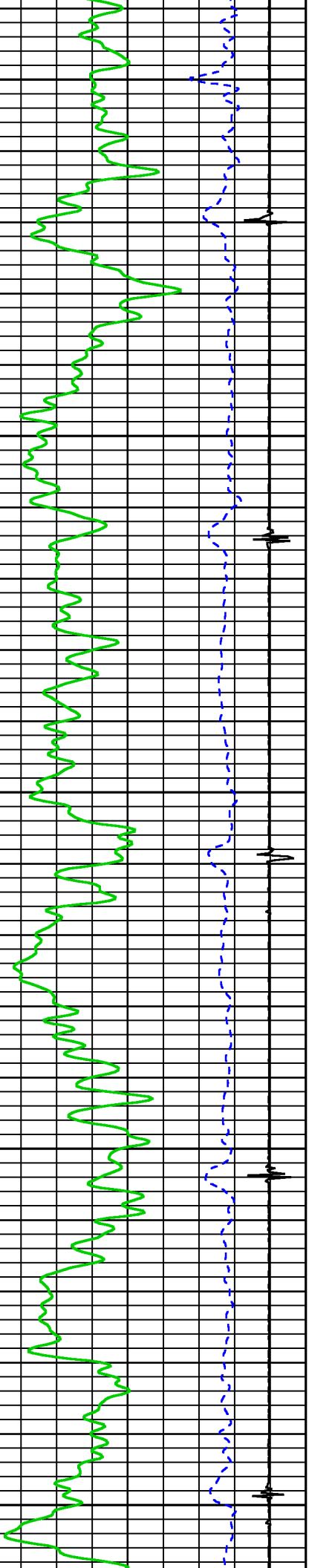
4300

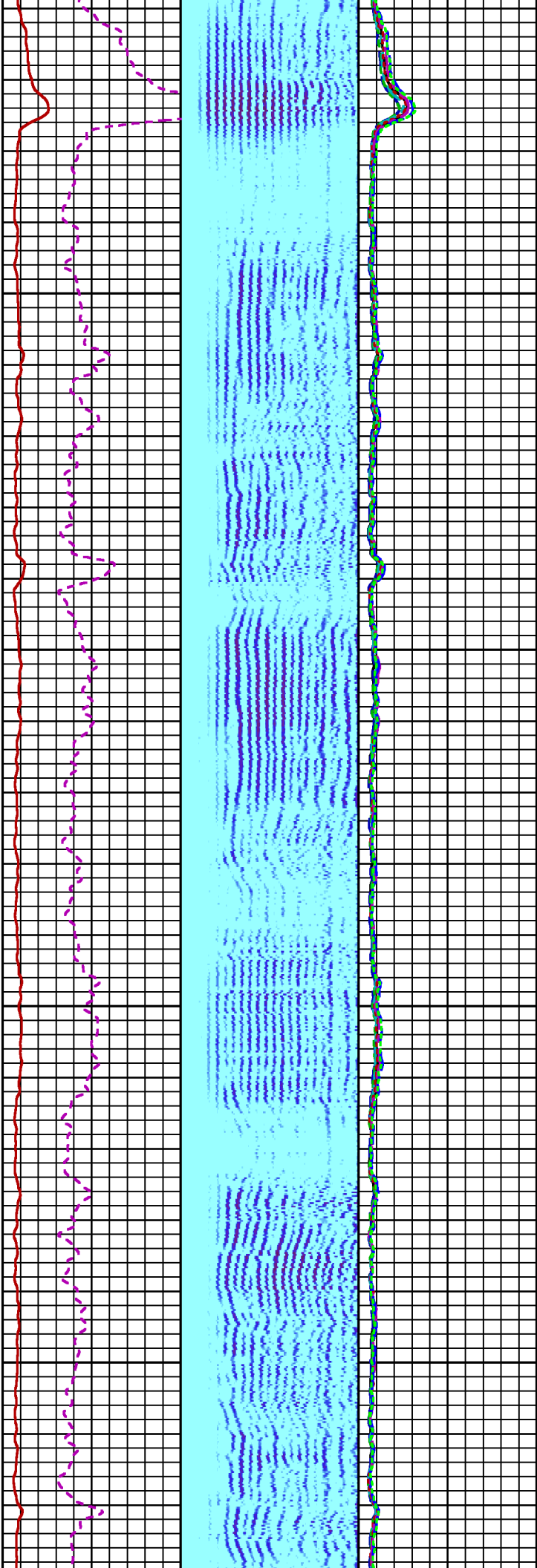
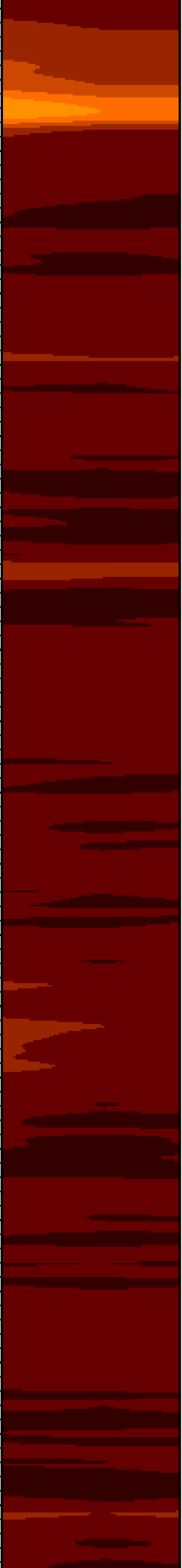




4400

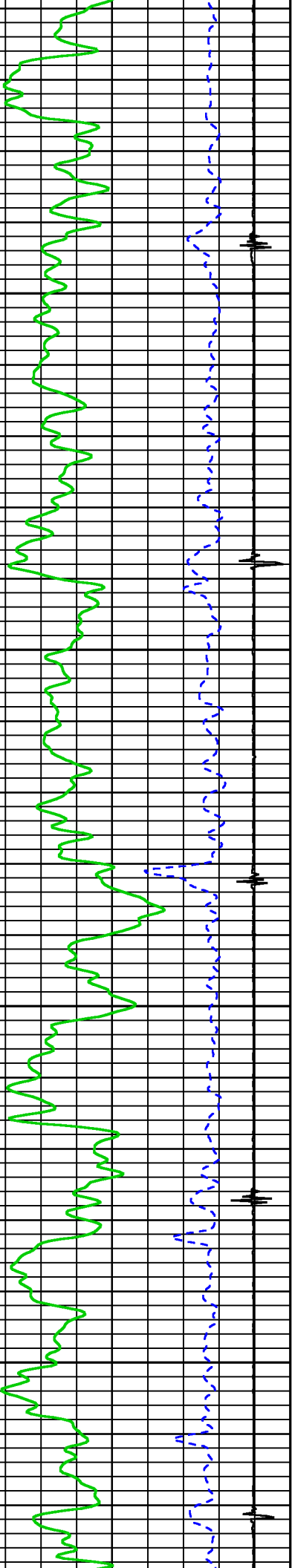
4500

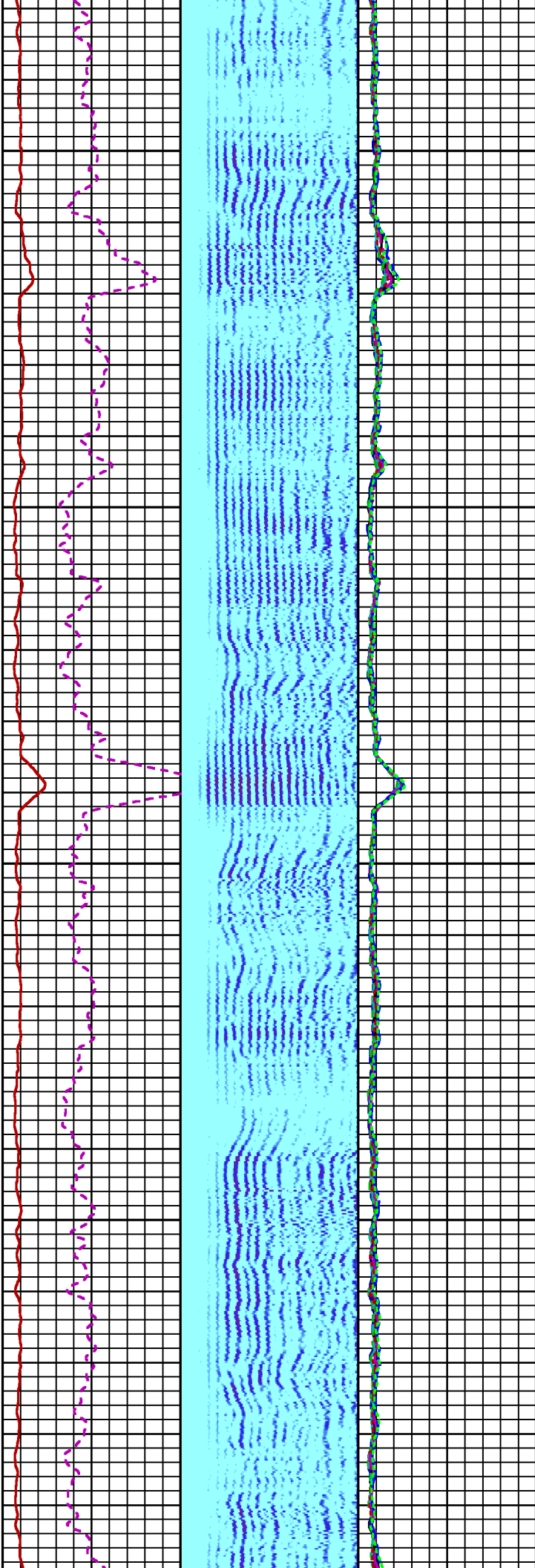
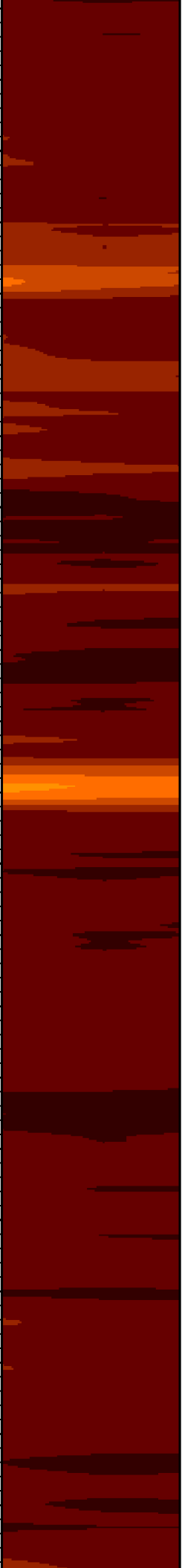




4600

4700

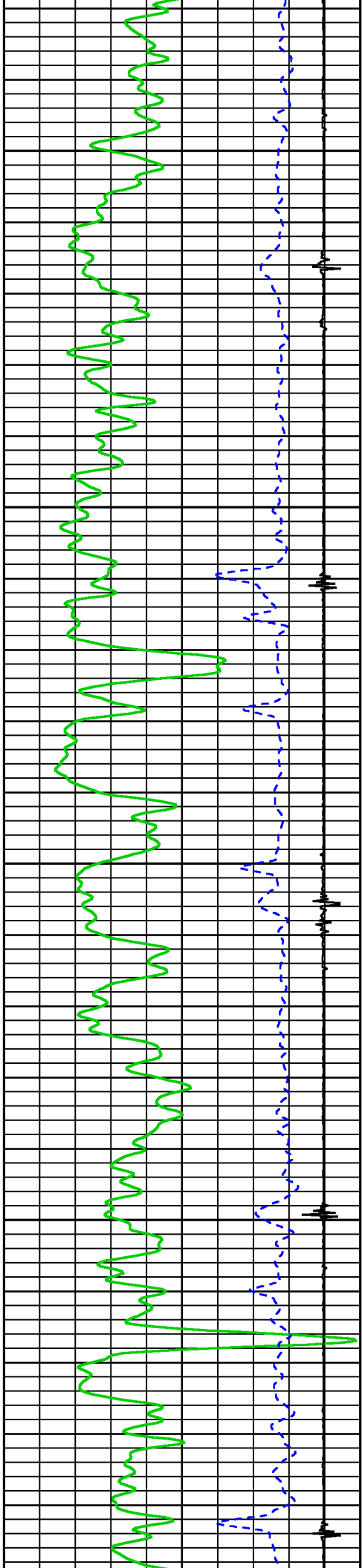


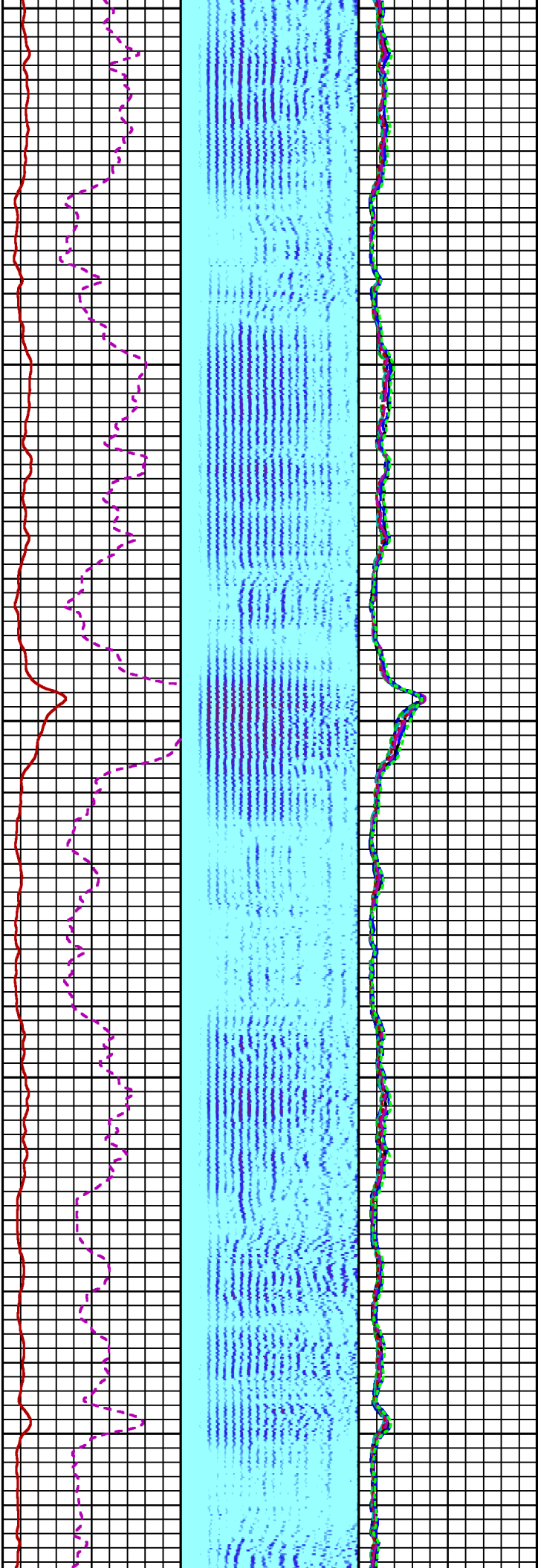


4800

4900

5

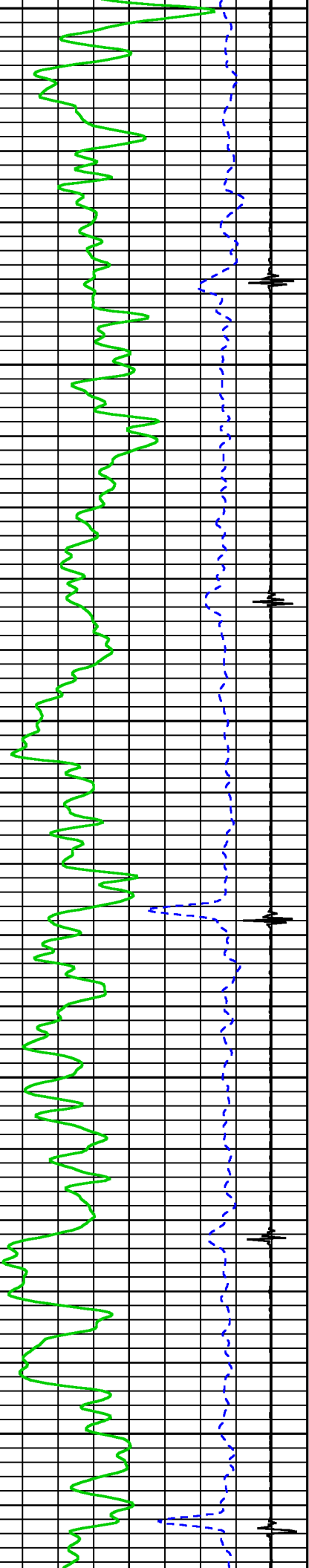


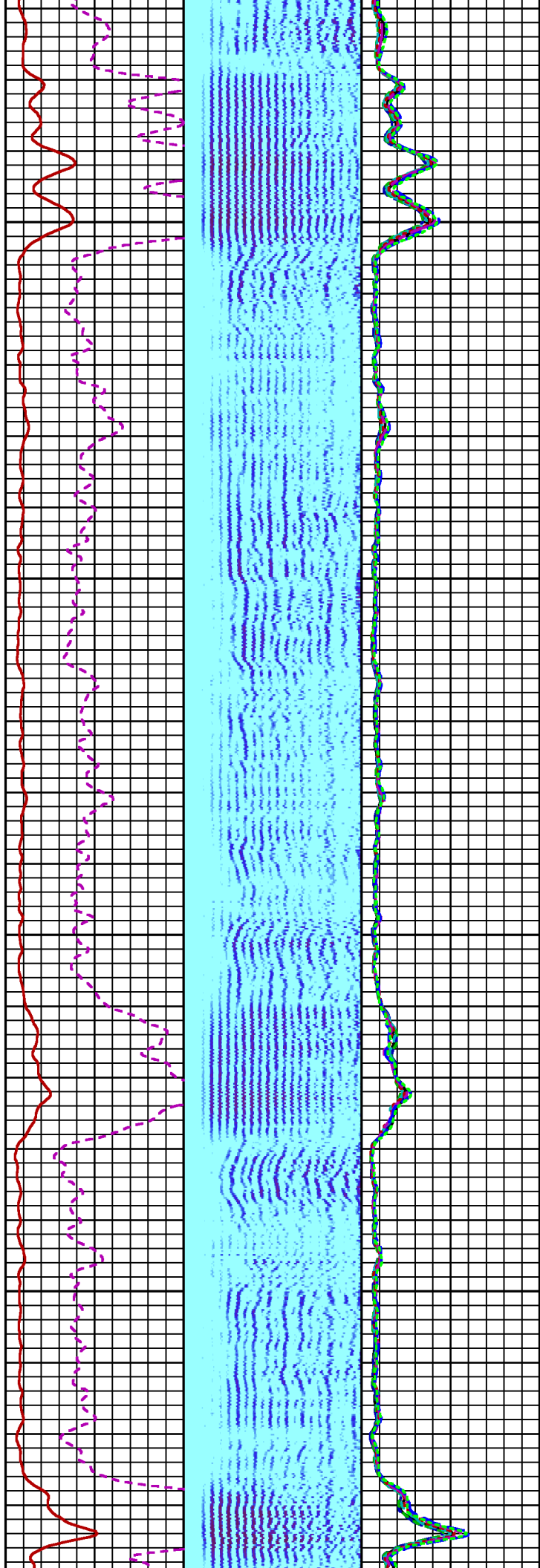


000

5100

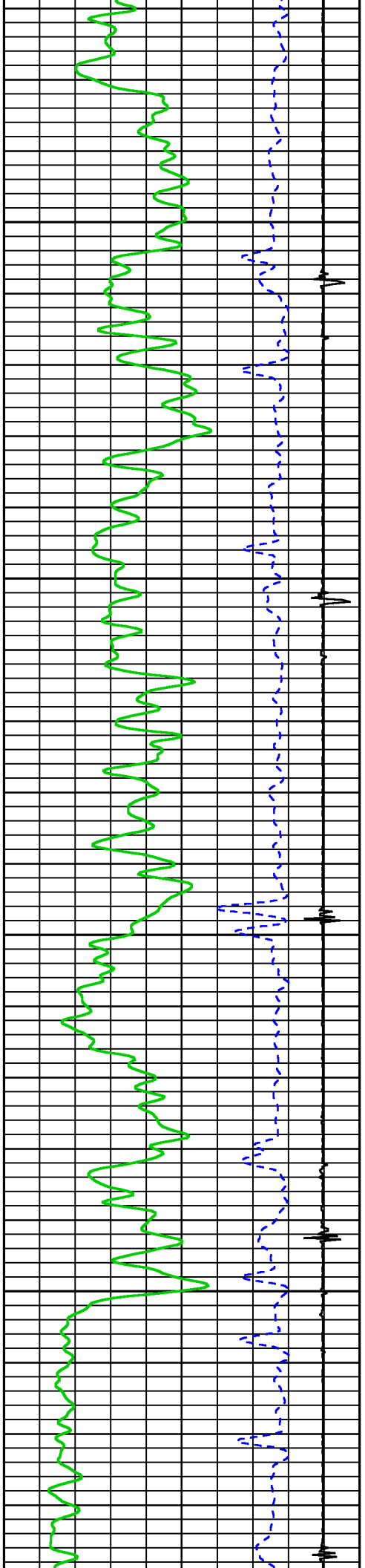
5200

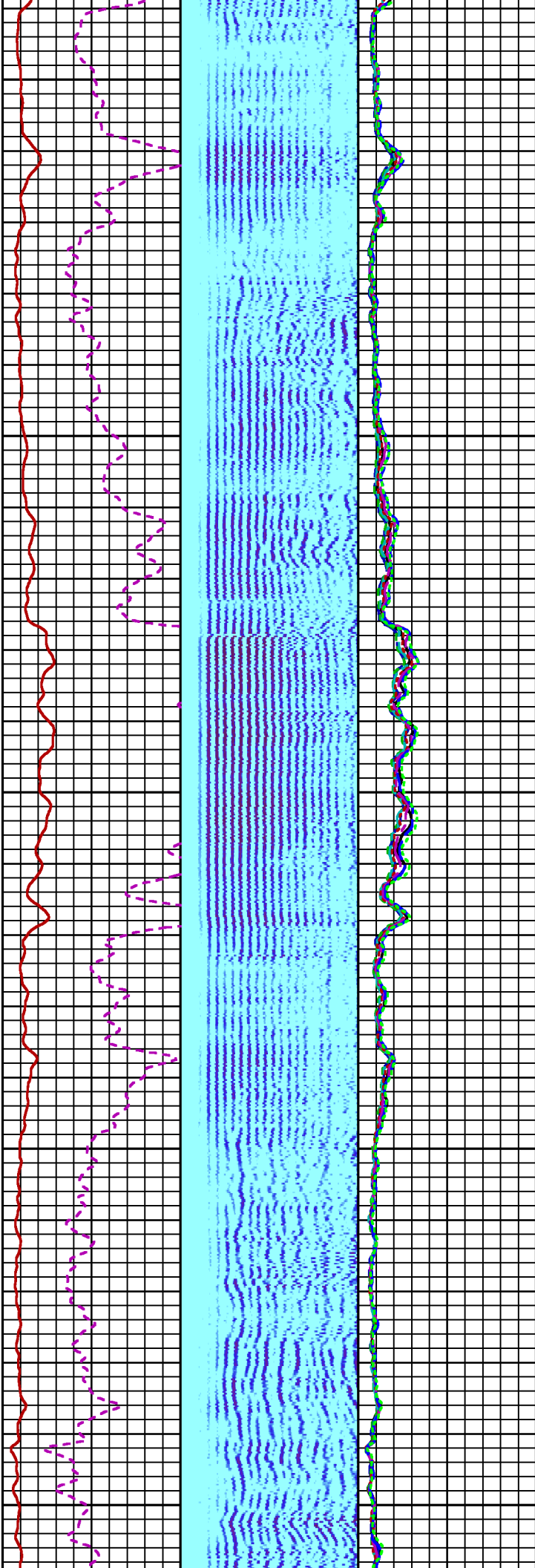
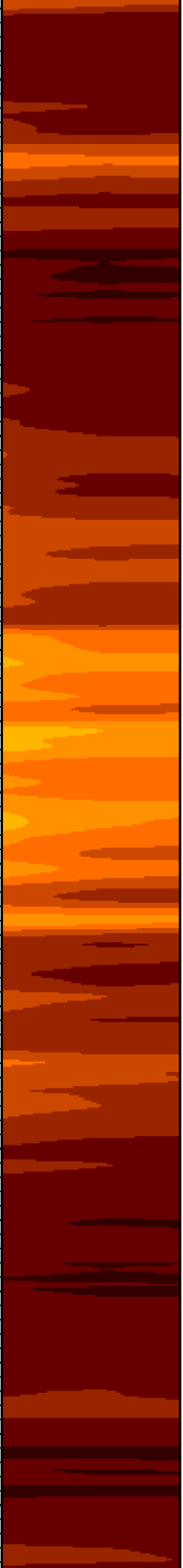




5300

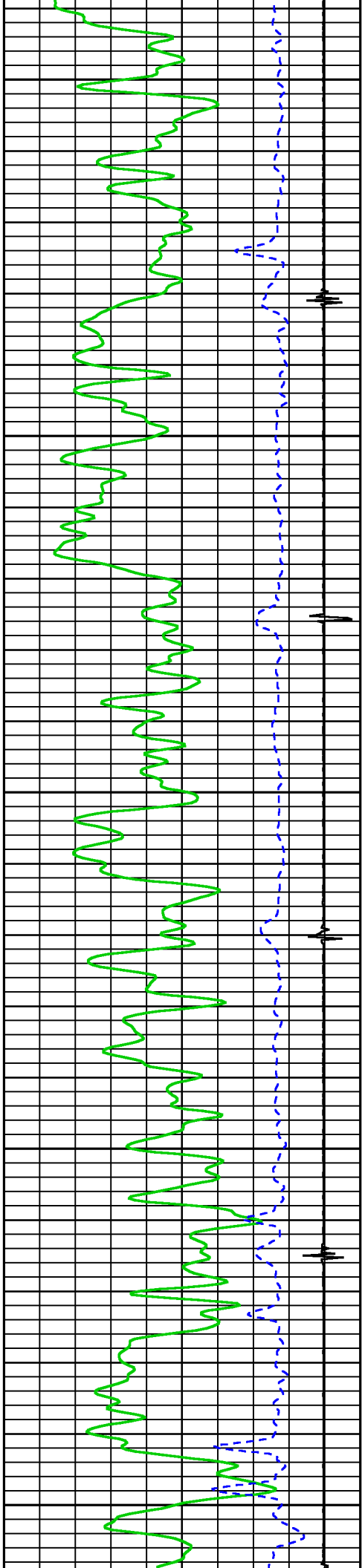
5400

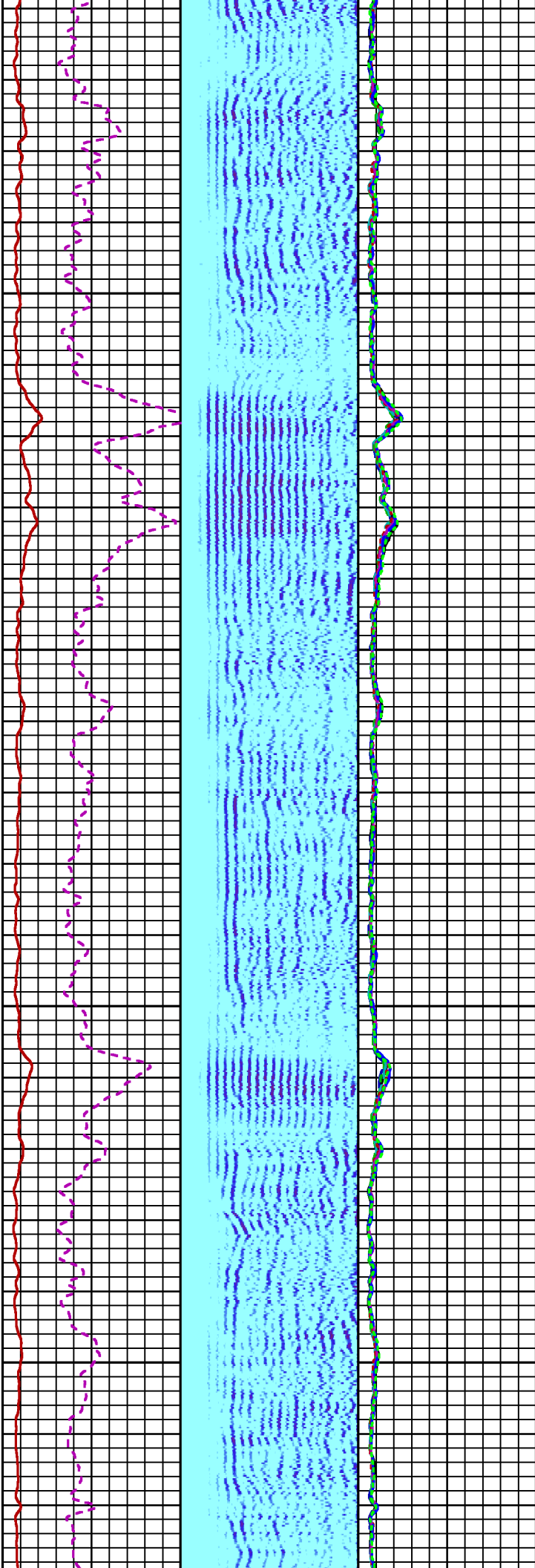




5500

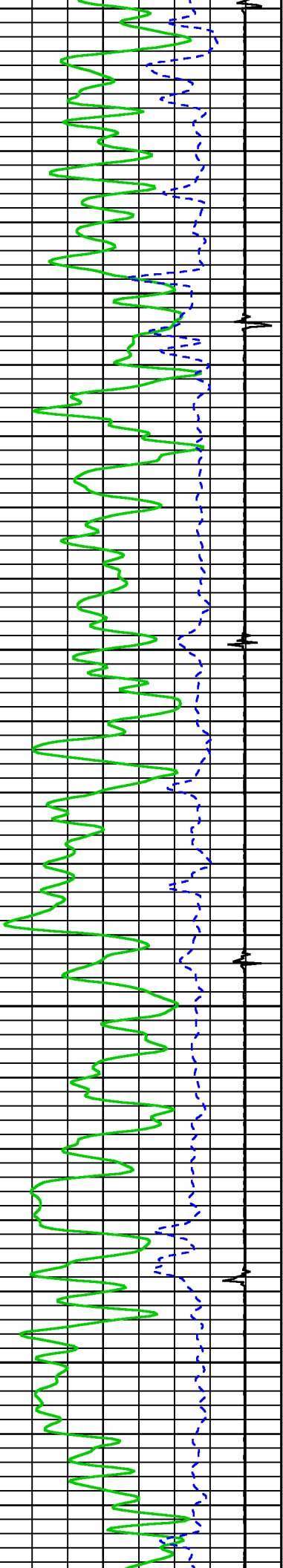
5600

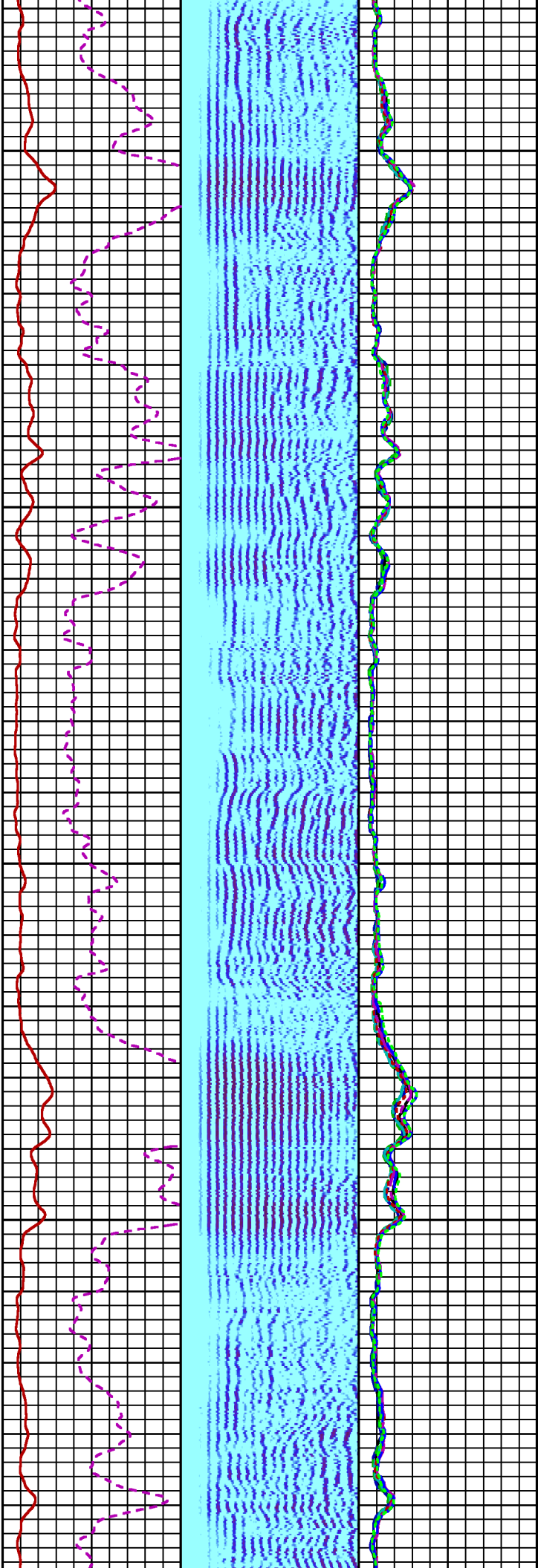




5700

5800

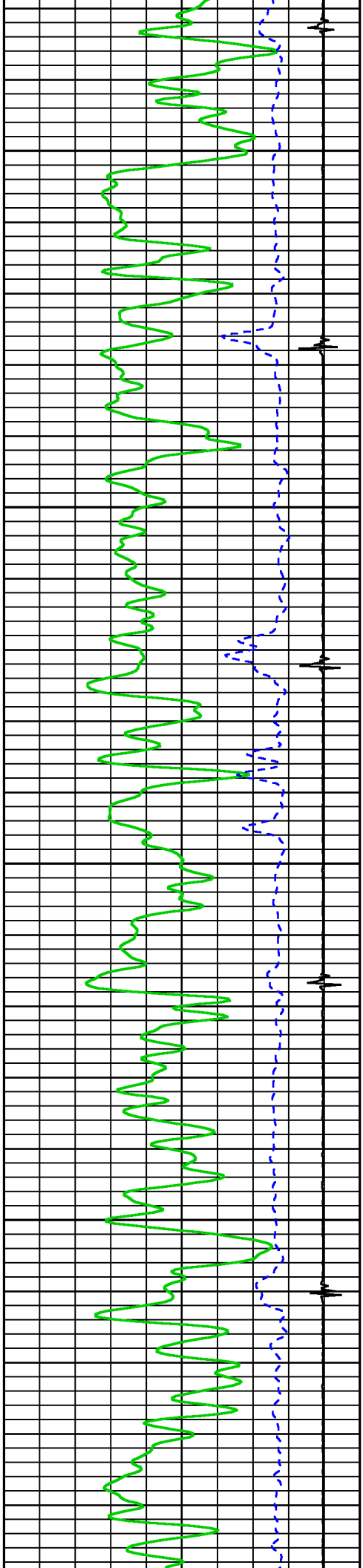


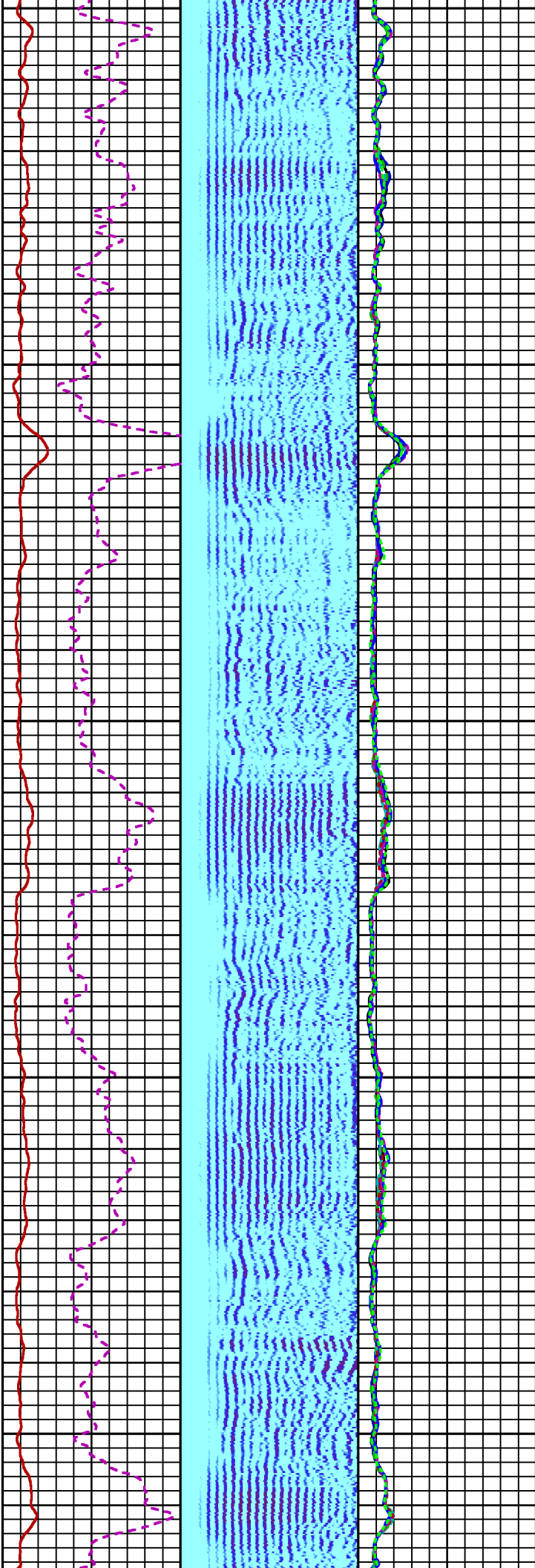
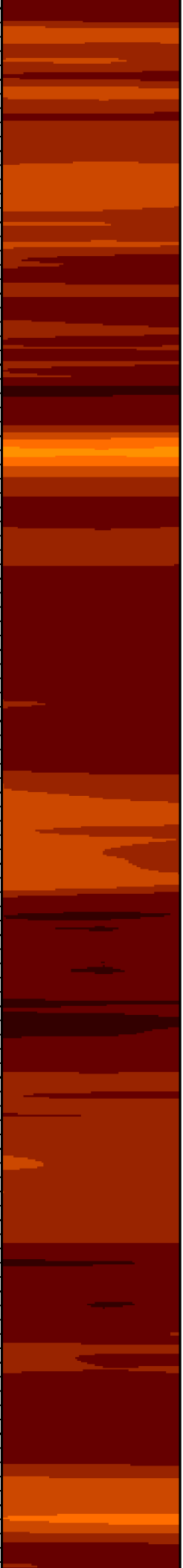


5900

6000

6

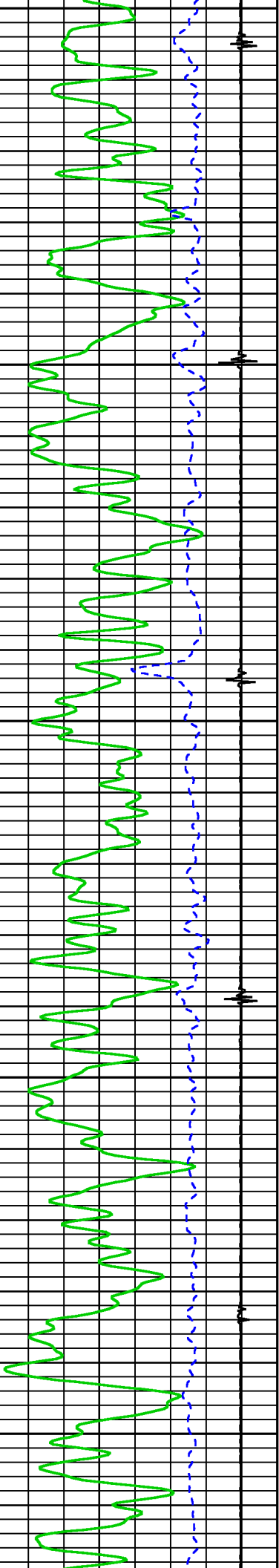


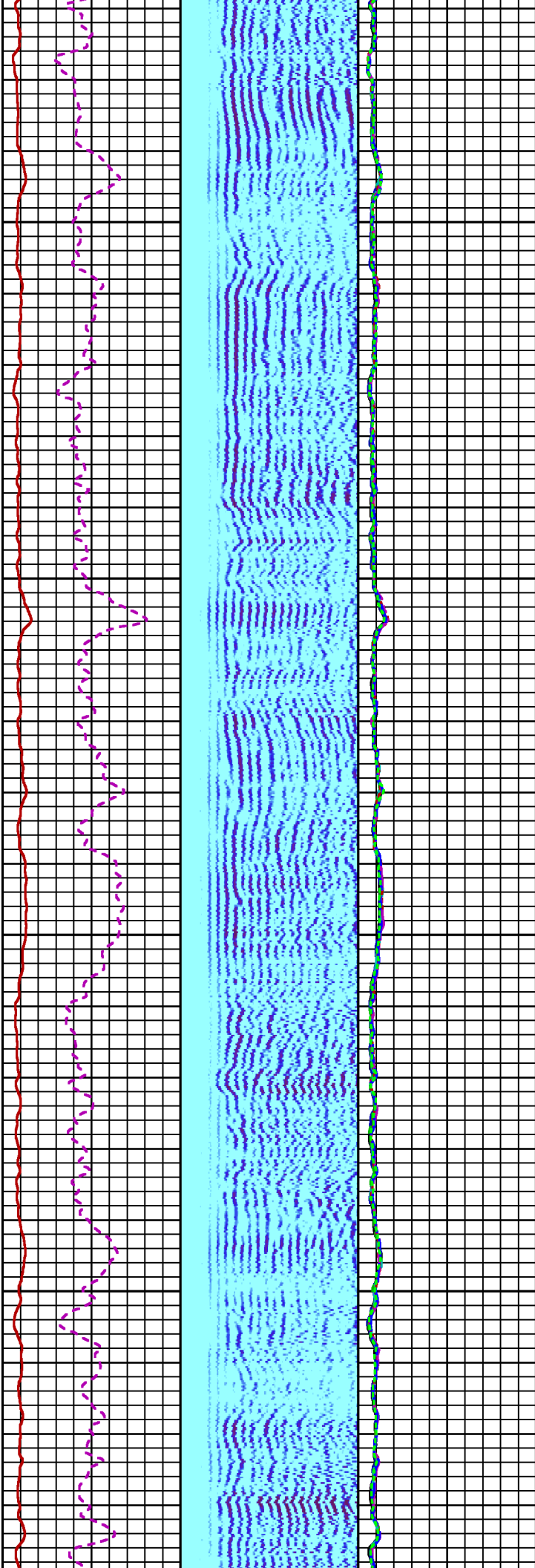


100

6200

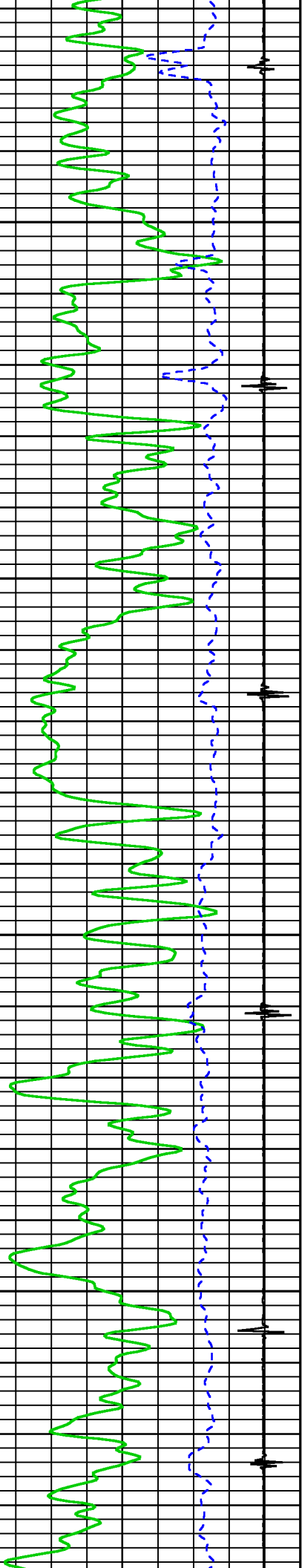
6300

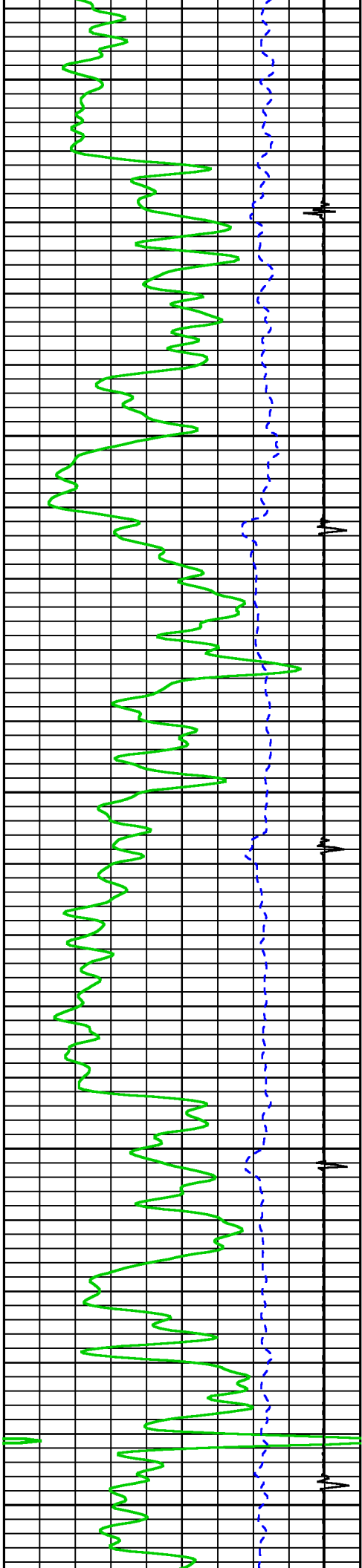




6400

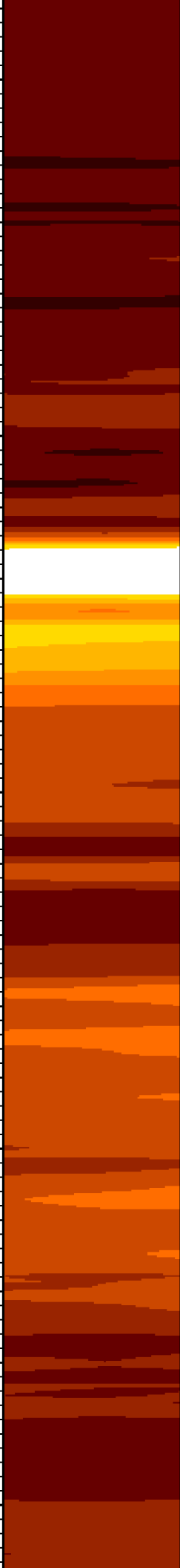
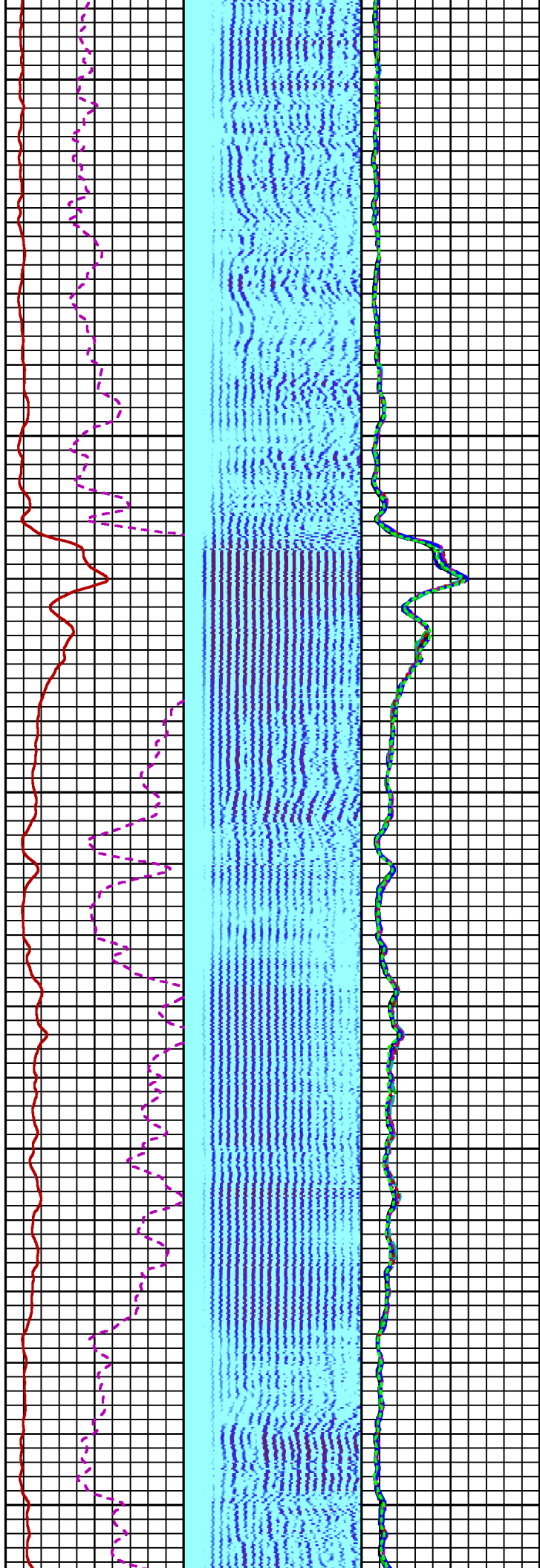
6500

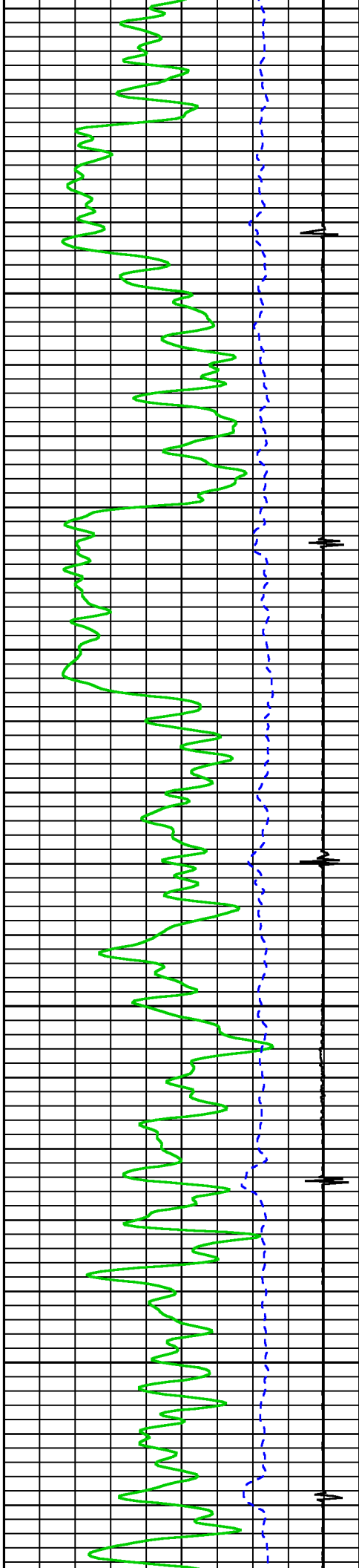




0099

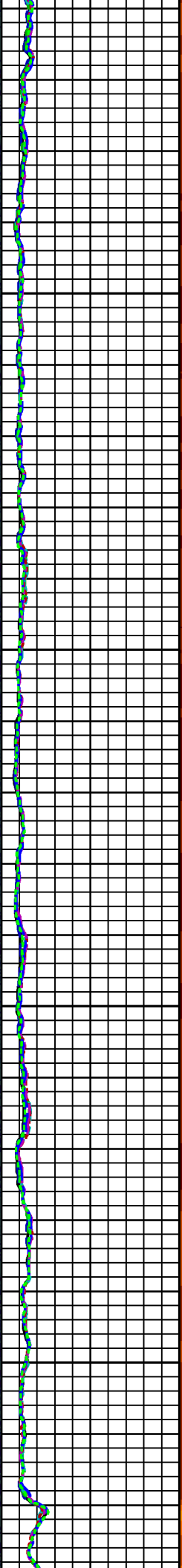
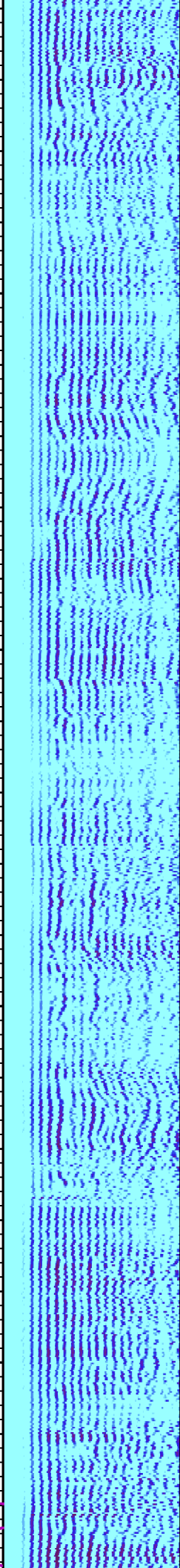
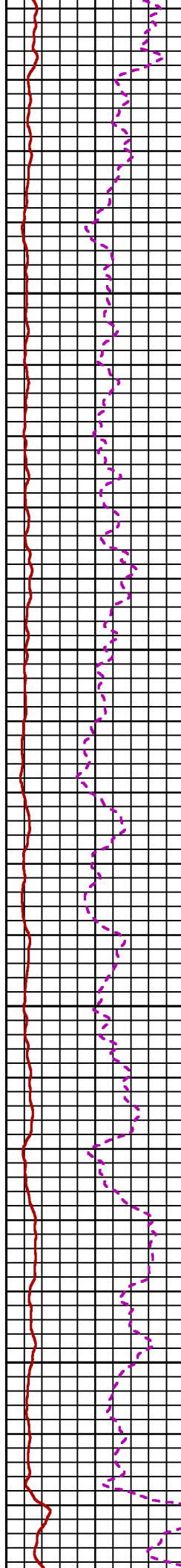
6700

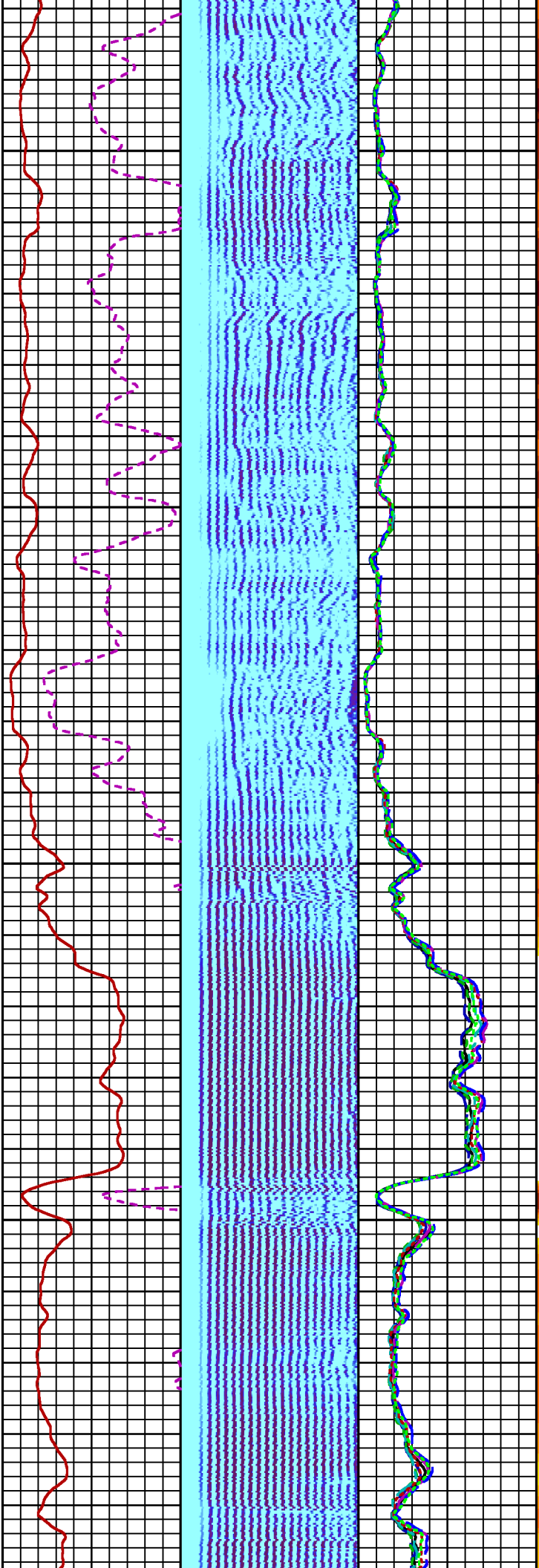
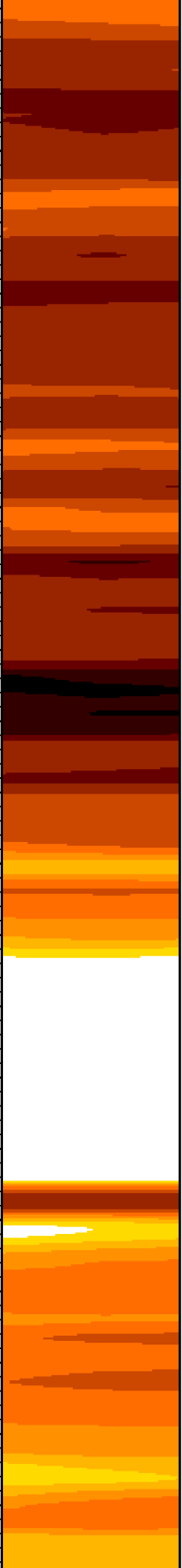




0069

0089

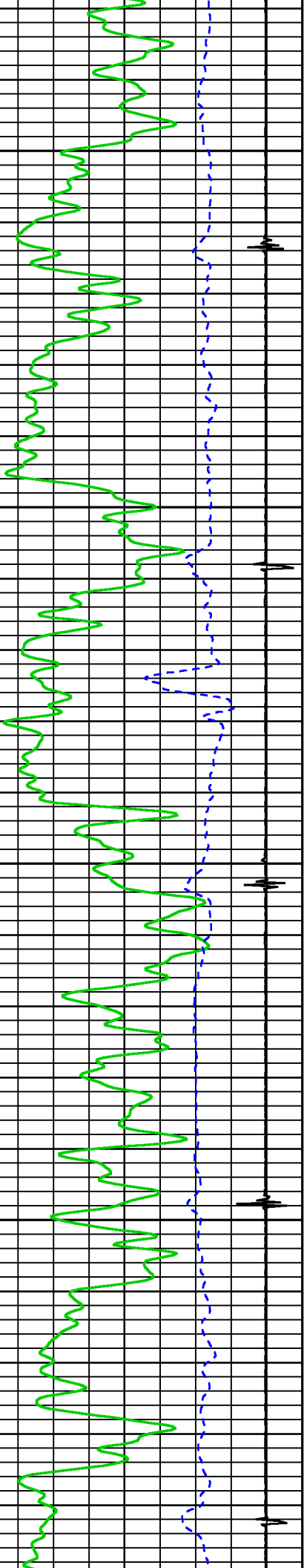


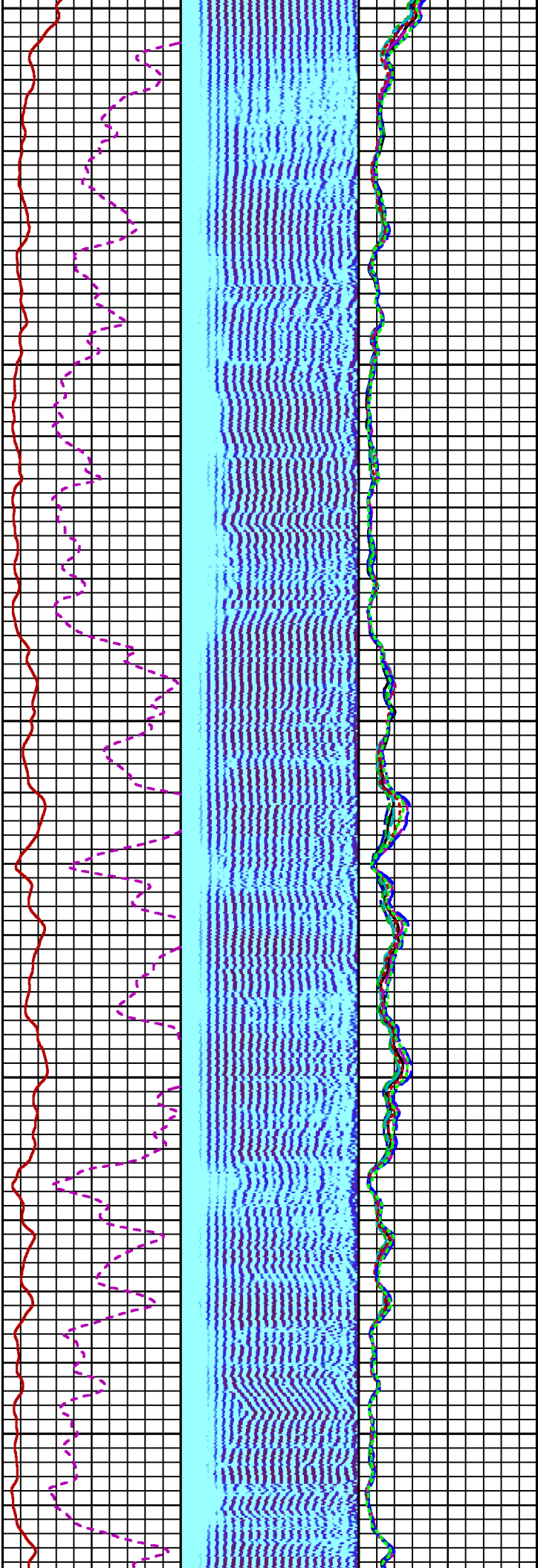


7000

7100

7

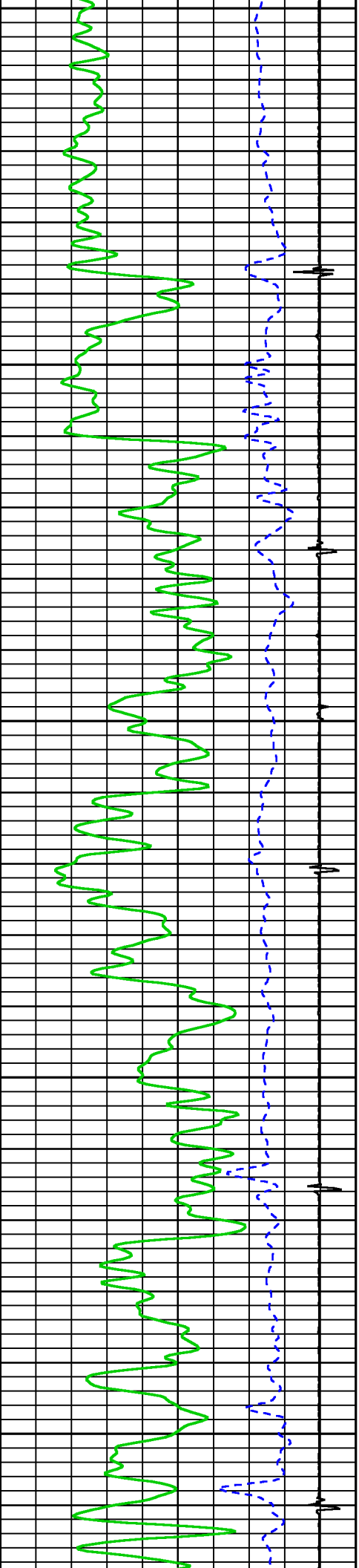


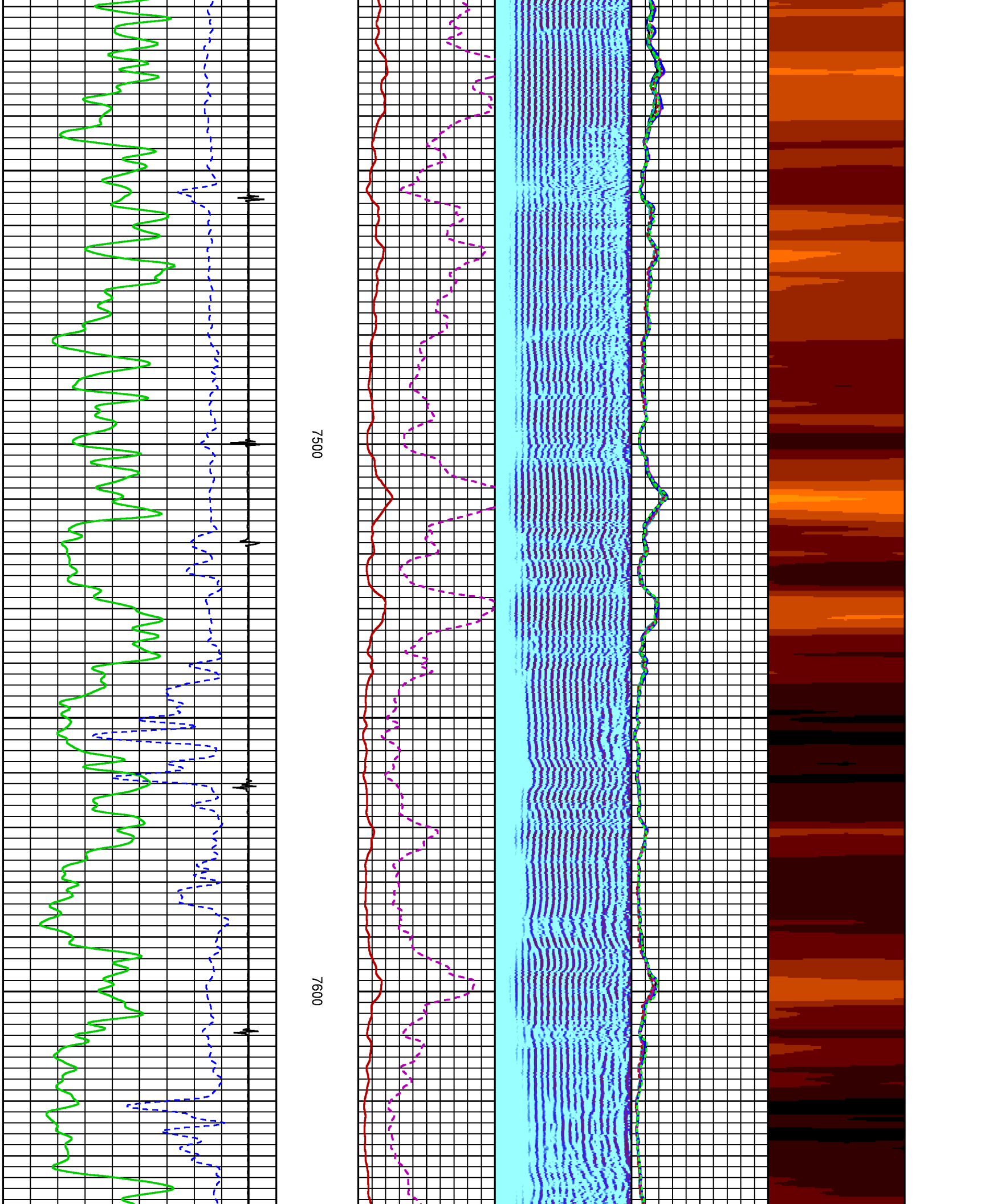


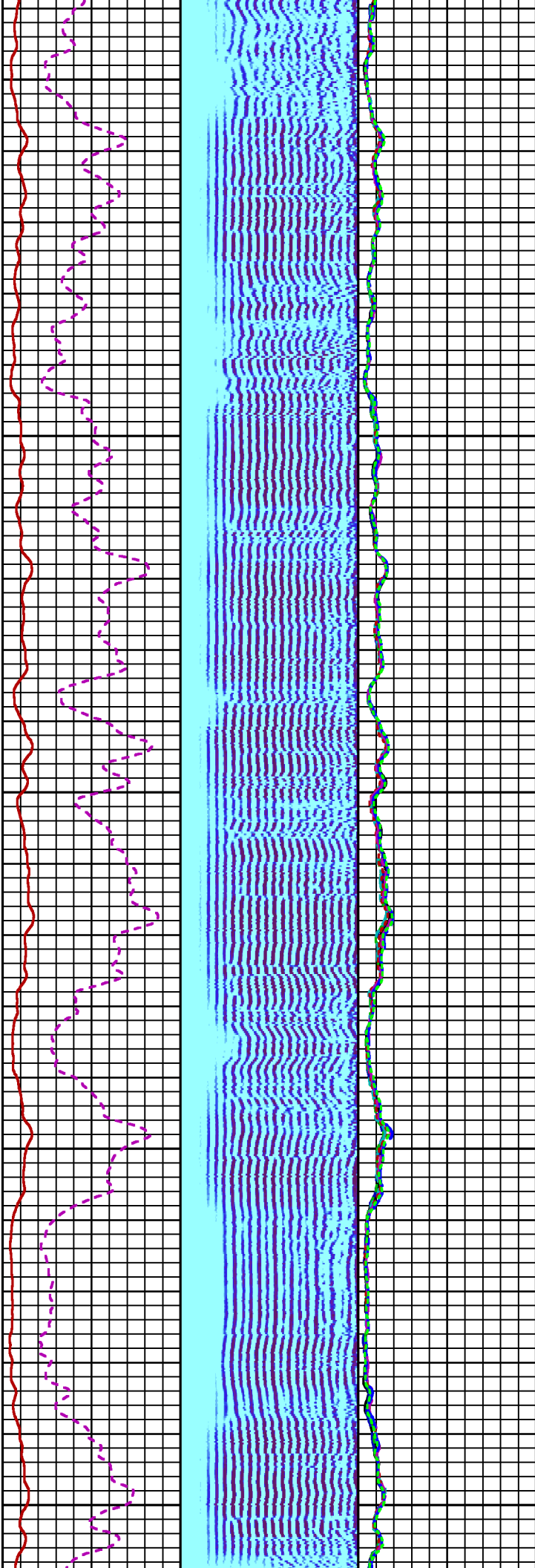
200

7300

7400

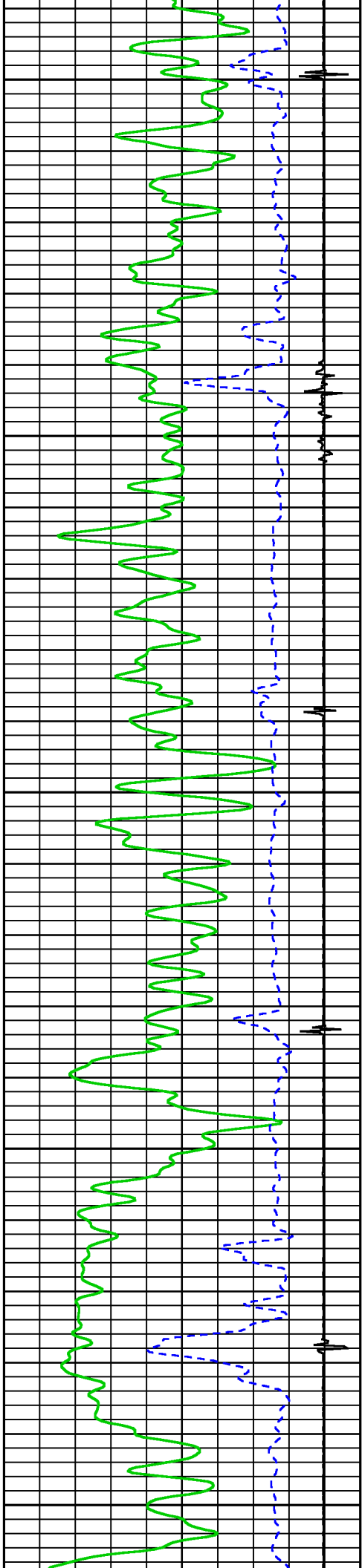


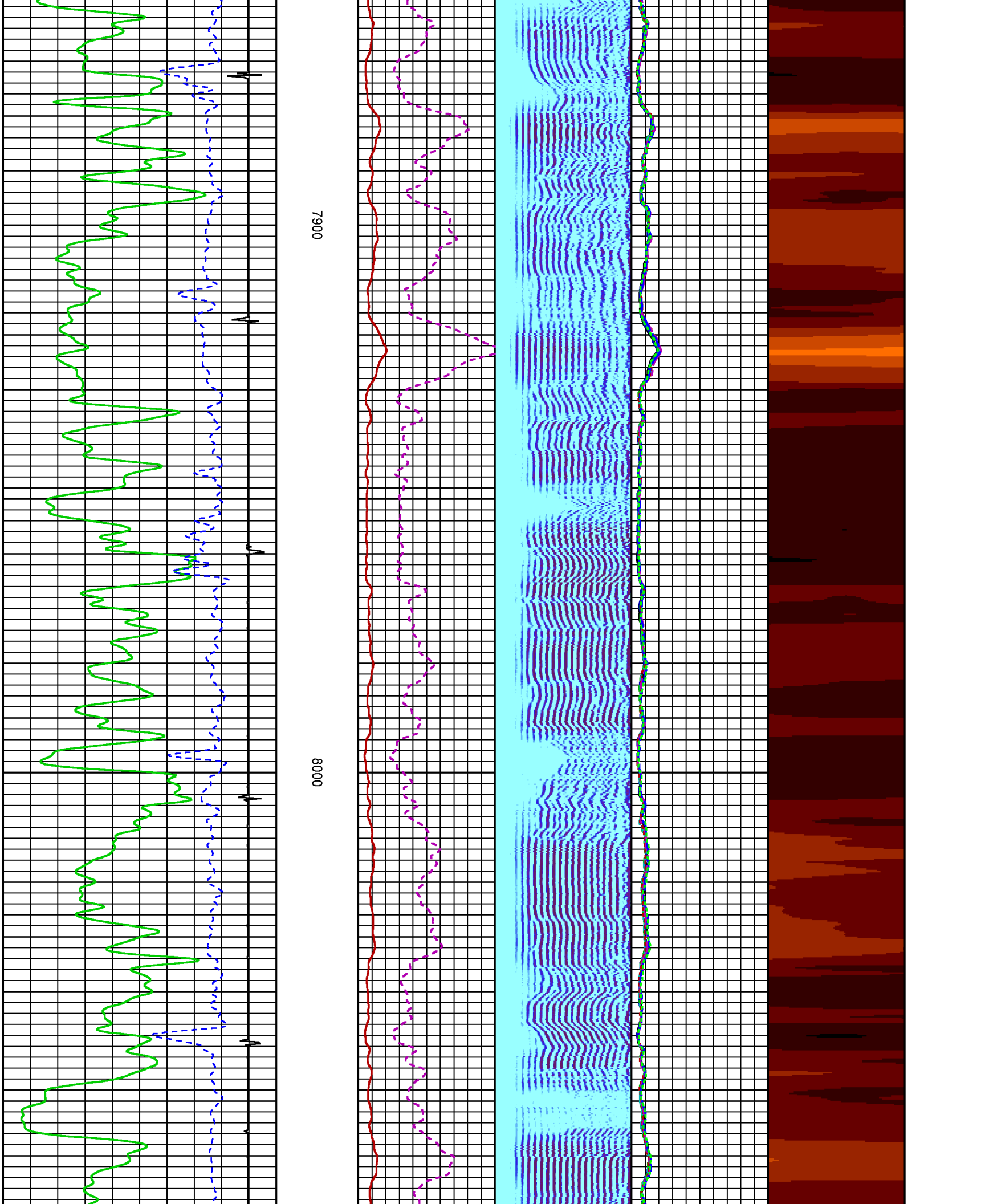


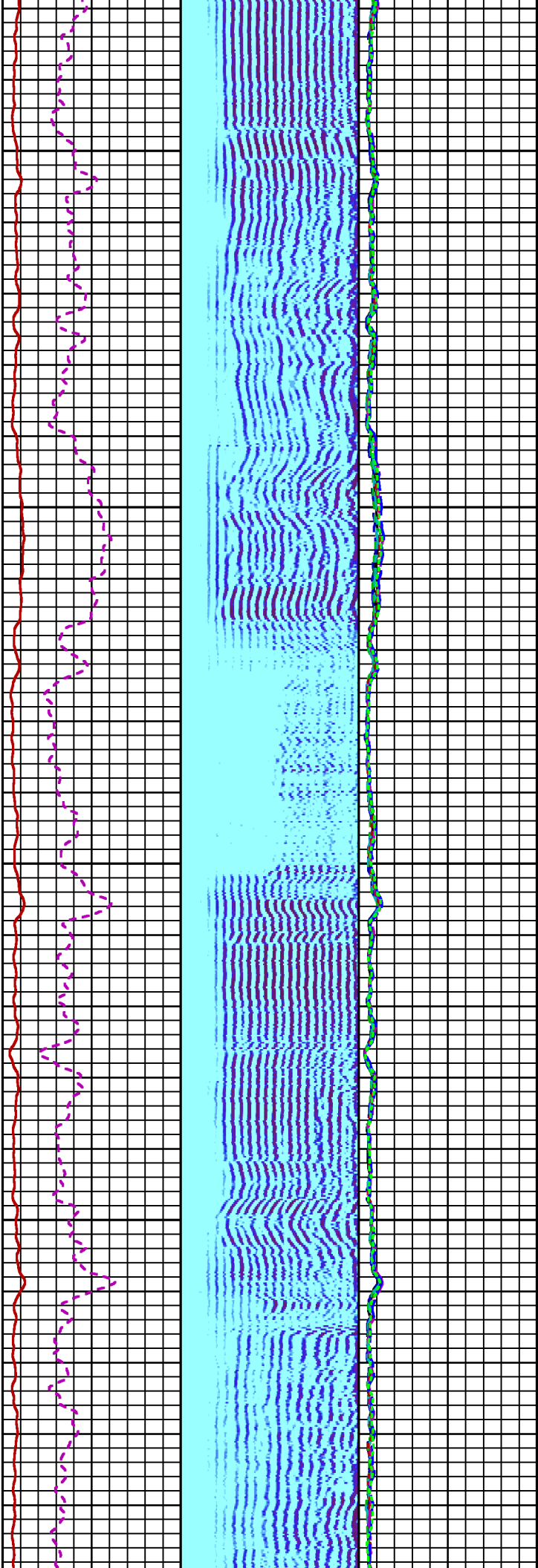
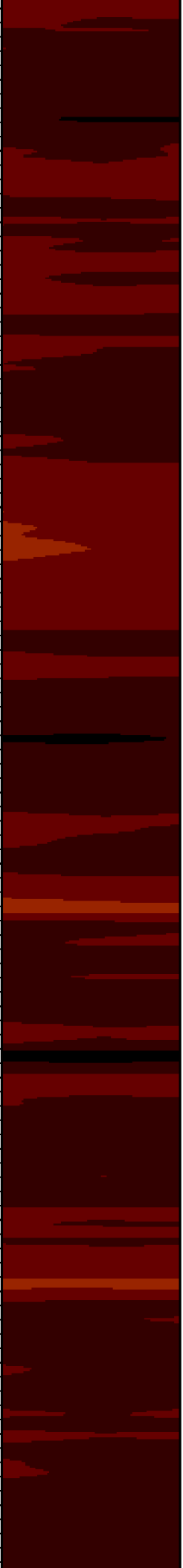


7700

7800



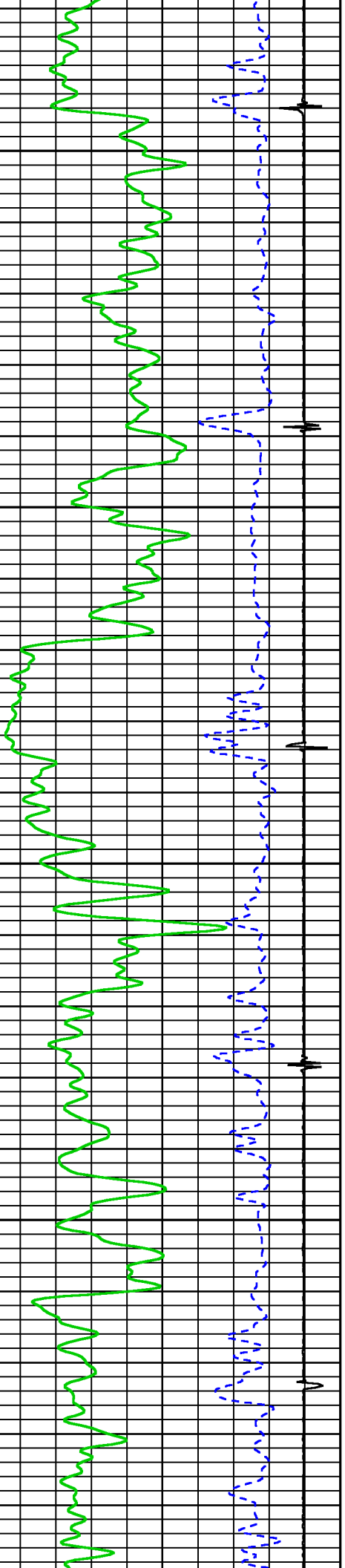


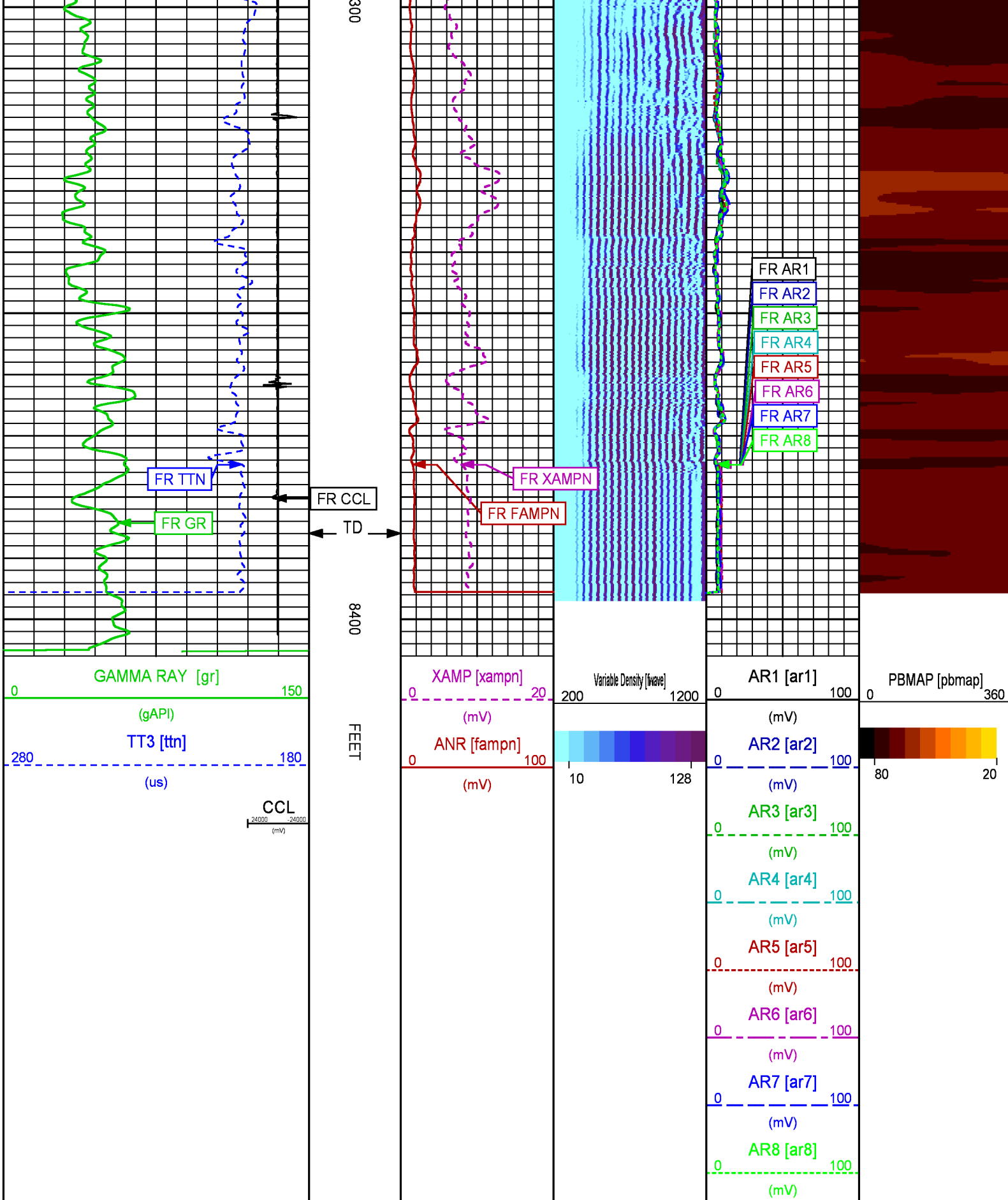


8100

8200

8





REPEAT PASS 0 PSI

Plotted: Mon Aug 21 15:36:03 2017

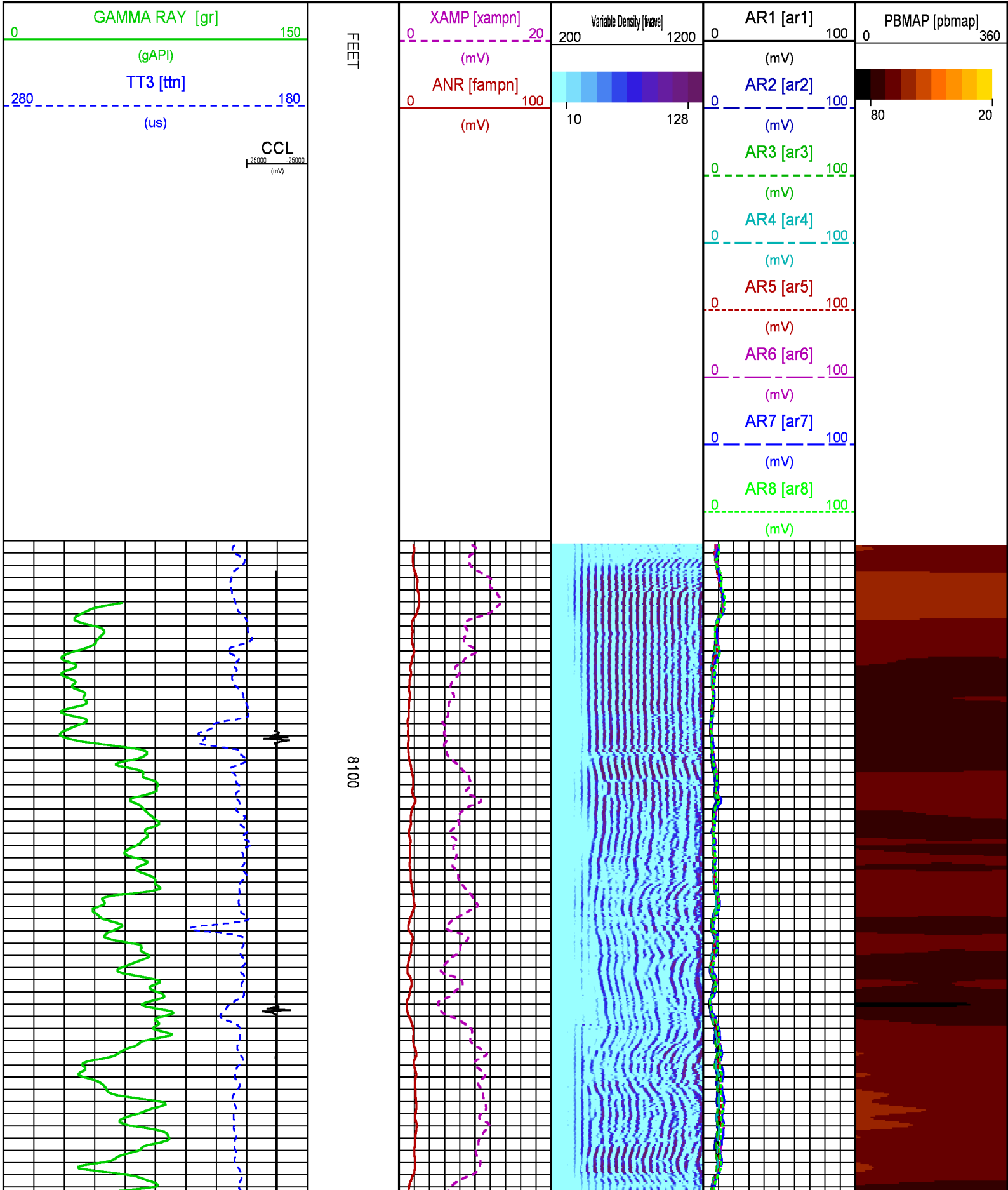
PARAMETER AND FILTER SUMMARY REPORT					
FILE: /dat1a/LARAMIE_BRUTON_19_17W/n012g01.prm					
LOGGING MODE: DEPTH	DIRECTION: UP				
TOP DEPTH: 8050.750 ft	BOTTOM DEPTH: 8412.000 ft				
SYMMETRIC FILTER					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	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*)	189	us	TOP	8309.500
		187	us	8309.500	BOTTOM
	AMP WINDOW START (fgp2*)	189	us	TOP	8309.500
		187	us	8309.500	BOTTOM
	AMP WINDOW START (fgp3*)	189	us	TOP	8309.500
		187	us	8309.500	BOTTOM
	AMP WINDOW START (fgp4*)	189	us	TOP	8309.500
		187	us	8309.500	BOTTOM
	AMP WINDOW START (fgp5*)	189	us	TOP	8309.500
		187	us	8309.500	BOTTOM
	AMP WINDOW START (fgp6*)	189	us	TOP	8309.500
		187	us	8309.500	BOTTOM
	AMP WINDOW START (fgp7*)	189	us	TOP	8309.500
		187	us	8309.500	BOTTOM
TRAVEL TIME WINDOW (NEAR)	AMP WINDOW START (fgp8*)	189	us	TOP	8309.500
		187	us	8309.500	BOTTOM
	AMP WINDOW START (fgpn*)	189	us	TOP	8309.500
		187	us	8309.500	BOTTOM
RAL CASING PARAMETERS	AMP WINDOW LENGTH	25	us	TOP	BOTTOM
RAL TOOL DELAY	PPT NEAR	200.391	us	"	"
	TOOL DELAY (str1*)	-59	us	TOP	8296.750
		-60	us	8296.750	8320.500
		-61	us	8320.500	8332.000
		-63	us	8332.000	8335.500
		-64	us	8335.500	8341.000
		-66	us	8341.000	BOTTOM
	TOOL DELAY (str2*)	-59	us	TOP	8296.750
		-60	us	8296.750	8320.500
		-61	us	8320.500	8332.000
		-63	us	8332.000	8335.500
		-64	us	8335.500	8341.000
		-66	us	8341.000	BOTTOM
	TOOL DELAY (str3*)	-59	us	TOP	8296.750
		-60	us	8296.750	8320.500
		-61	us	8320.500	8332.000
		-63	us	8332.000	8335.500
		-64	us	8335.500	8341.000
		-66	us	8341.000	BOTTOM
	TOOL DELAY (str4*)	-59	us	TOP	8296.750
		-60	us	8296.750	8320.500
		-61	us	8320.500	8332.000
		-63	us	8332.000	8335.500
		-64	us	8335.500	8341.000
	-66	us	8341.000	BOTTOM	
TOOL DELAY (str5*)	-59	us	TOP	8296.750	
	-60	us	8296.750	8320.500	
	-61	us	8320.500	8332.000	
	-63	us	8332.000	8335.500	

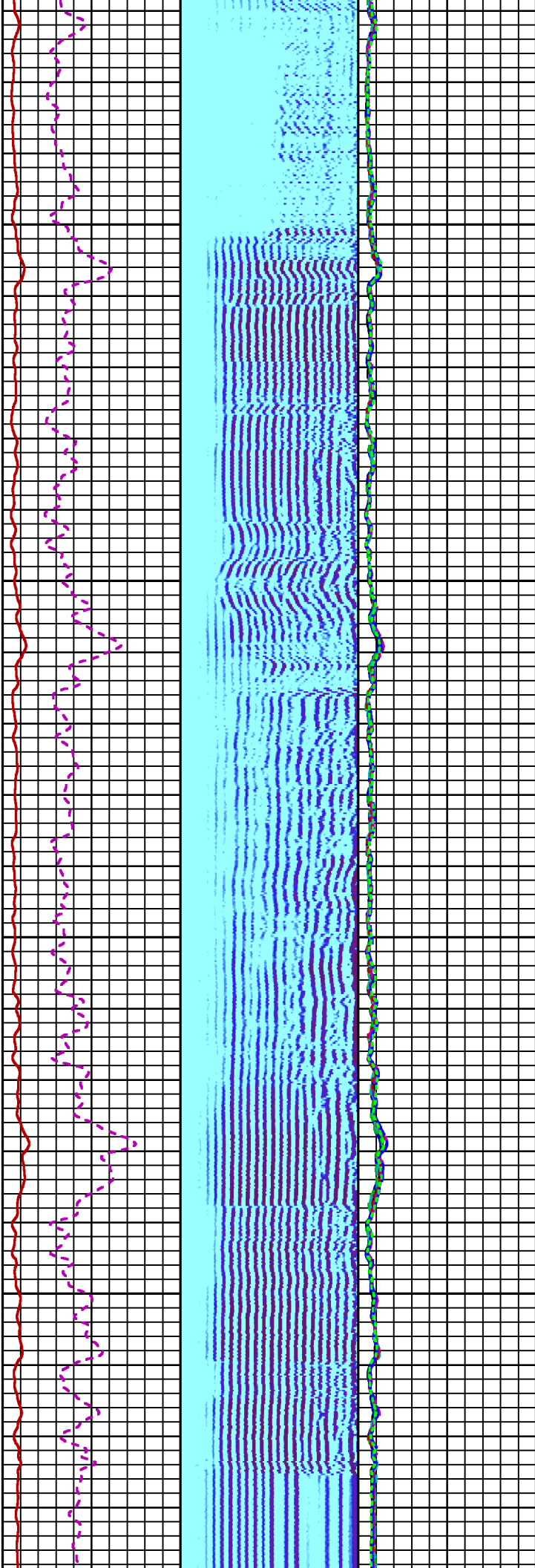
		-64	us	8335.500	8341.000
		-66	us	8341.000	BOTTOM
	TOOL DELAY (str6*)	-59	us	TOP	8296.750
		-60	us	8296.750	8320.500
		-61	us	8320.500	8332.000
		-63	us	8332.000	8335.500
		-64	us	8335.500	8341.000
		-66	us	8341.000	BOTTOM
	TOOL DELAY (str7*)	-59	us	TOP	8296.750
		-60	us	8296.750	8320.500
		-61	us	8320.500	8332.000
		-63	us	8332.000	8335.500
		-64	us	8335.500	8341.000
		-66	us	8341.000	BOTTOM
	TOOL DELAY (str8*)	-59	us	TOP	8296.750
		-60	us	8296.750	8320.500
		-61	us	8320.500	8332.000
		-63	us	8332.000	8335.500
		-64	us	8335.500	8341.000
		-66	us	8341.000	BOTTOM
	TOOL DELAY (strn*)	-59	us	TOP	8296.750
		-60	us	8296.750	8320.500
		-61	us	8320.500	8332.000
		-63	us	8332.000	8335.500
		-64	us	8335.500	8341.000
		-66	us	8341.000	BOTTOM
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	TOP	BOTTOM
	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	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE T-R1
F1:AR2	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE T-R2
F1:AR3	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE T-R3
F1:AR4	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE T-R4
F1:AR5	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE T-R5
F1:AR6	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE T-R6
F1:AR7	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE T-R7
F1:AR8	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE T-R8
F1:CCL	Aug 21 14:50:51 2017	CASING COLLAR LOCATOR
F1:FAMPN	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Aug 21 14:50:51 2017	FAR WAVE FORM
F1:GR	Aug 21 14:50:51 2017	GAMMA RAY
F1:PBMAP	Aug 21 14:50:51 2017	PERCENT BOND CEMENT MAP
F1:TTN	Aug 21 14:50:51 2017	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Aug 21 14:50:51 2017	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

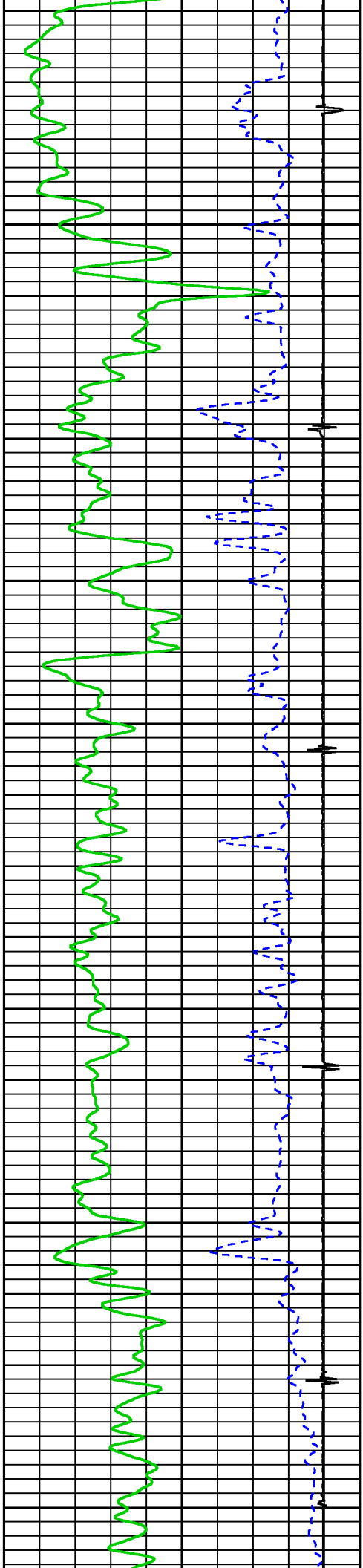
CURVE MEASURE POINT OFFSET					
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	11.25	AR5	11.25	CCL	5.75
AR2	11.25	AR6	11.25	FAMPN	11.25
AR3	11.25	AR7	11.25	GR	1.75
AR4	11.25	AR8	11.25	TTN	11.25
				XAMPN	11.25

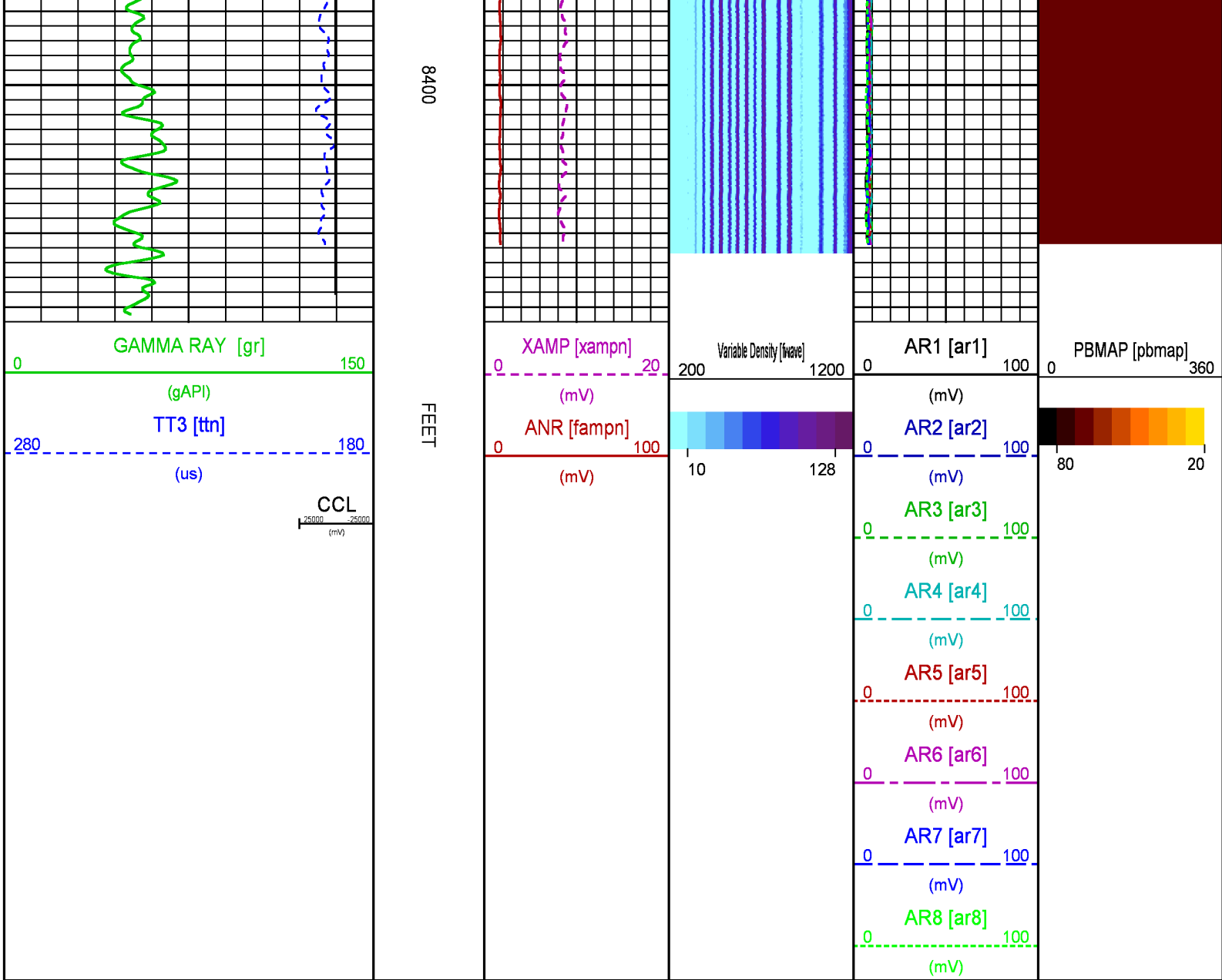




8200

8300





CALIBRATION / VERIFICATION SUMMARY

Source File: C:\Users\slam\Myas\Desktop\LARMA\NEW LARAMIE\LARAMIE_BRUTON_19_17W\012g.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10218496 DATE/TIME PERFORMED: Fri Aug 18 15:15:52 2017

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)	0.04	0.10	-0.04	0.04	0.11	0.10	0.12	0.03	0.05	0.84	0.08
AMP FLUID (mV)	85	84	83	83	85	85	86	86	85	114	83
TT (us)	203	204	204	204	202	201	200	200	204	312	204
M FACTOR	1.18	1.19	1.21	1.20	1.18	1.17	1.17	1.17	1.18	1.33	1.20

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10218496 DATE/TIME PERFORMED: Fri Aug 18 15:22:13 2017 DAYS SINCE CAL: 0

UNIT #: 3880TA HL6670 CABLE #: HL6670 6670SL

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
1.20	0.00	1.04

TOOL #: 1355XA 12670180 DATE/TIME PERFORMED: Fri Dec 23 11:53:22 2016

UNIT #: 3880TA HL6670 CALB JIG #: 4702NK DA 228

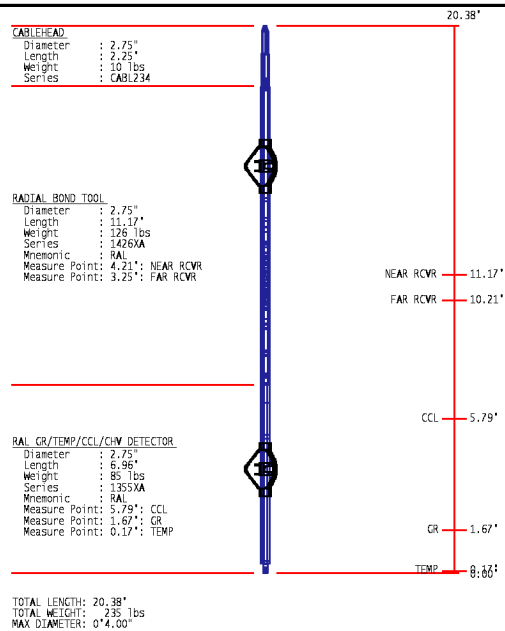
	BACKGROUND	CALBRTR ON	CR DIFF	MULT	BACKGROUND	CALBRTR ON	CALBRTR
	(cts)	(cts)	(cts/s)		(gAPI)	(gAPI)	(gAPI)
GR	75.82	247.07	171.2	0.584	44.28	144.28	100

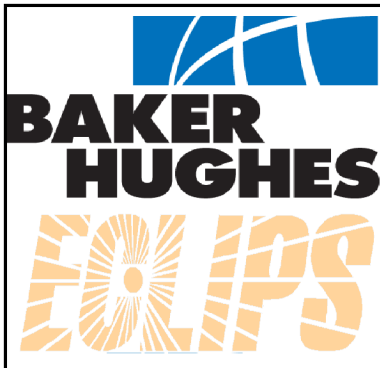
TOOL #: 1355XA 12670180 DATE/TIME PERFORMED: Fri Dec 23 11:54:47 2016

UNIT #: 3880TA HL6670 VERI JIG #: 4702NK DA 228

	BACKGROUND (cls)	CALBTR ON (cls)	MULT	BACKGROUND (gAPI)	CALBTR ON (gAPI)	DIFF. (gAPI)
GR	77.11	254.76	0.584	45.03	148.77	103.74

Source File: C:\Users\samiyas\Desktop\LARMAIE\NEW LARAMIE\LARAMIE BRUTON 19 17WRAL-tdg.meta



	COMPANY		<u>LARAMIE ENERGY</u>		FILE NO:
	WELL		<u>BRUTON 19-17W</u>		
	FIELD		<u>VEGA</u>		API NO:
	COUNTY	<u>MESA</u>	STATE	<u>COLORADO</u>	<u>05077103790000</u>
	LOCATION:		ELEVATIONS:		
SHL: LAT:39.255232N;LONG:107.806537W		KB 7449 FT			
BHL: LAT:39.258541N;LONG:107.816061W		DF 7448 FT			
SEC <u>19</u> TWP <u>9S</u> RGE <u>93W</u>		GL 7425 FT			
		DATE		<u>21-AUG-2017</u>	