



FILE NO:	COMPANY	WPX ENERGY
CH093777	WELL	GM 531-12
API NO:	FIELD	GRAND VALLEY
05045224630000	COUNTY	GARFIELD
	STATE	COLORADO

Version	LOCATION:	OTHER SERVICES
12 7S 96W	SHL: 1177' FNL & 1906' FWL	RPM
GM 21-12 PAD	BHL: 1468' FNL & 2522' FEL (SWNE)	
NABORS 573	SEC 12 TWP 7S RGE 96W	

PERMANENT DATUM	GL	ELEVATION	5125 FT
LOG MEASURED FROM	KB	26 FT	ABOVE P.D.
DRILL. MEAS. FROM	KB		
		ELEVATIONS:	
		KB	5151 FT
		DF	
		GL	5125 FT

DATE	30-Dec-2014
RUN	1
SERVICE ORDER	US093777
DEPTH DRILLER	6381 FT
DEPTH LOGGER	6352 FT
BOTTOM LOGGED INTERVAL	6342 FT
TOP LOGGED INTERVAL	26 FT
TIME STARTED	8:30
TIME FINISHED	11:30
OPERATOR RIG TIME	3 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	60 FT
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	65 FMIN
MAX. RECORDED TEMP.	212 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	4271
LOCATION	GRAND JCT.
RECORDED BY	P. EDWARDS
WITNESSED BY	O. JACOBS

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

BOREHOLE RECORD		
BIT SIZE	FROM	TO
13.5 IN	0 FT	1538 FT
8.75 IN	1538 FT	6390 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			0 FT	1538 FT
4.5 IN	11.6 LB/F	I-80	0 FT	6390 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 client's request.

The amount of linear shift is 0 feet.

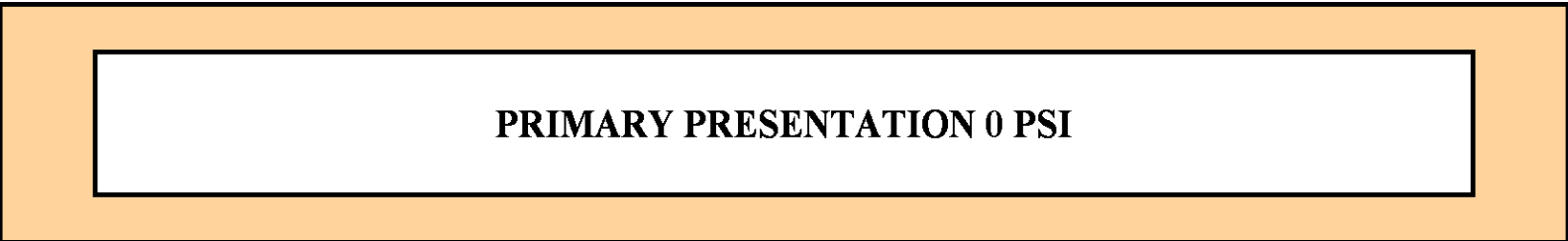
Logged with Zero PSI at wellhead.

BHT = 212 degF

SJ = 3123' - 3145'

Thanks you for choosing Baker-Hughes.

EQUIPMENT DATA					
RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10218495	CENTRALIZED
1	1	GR/CCL	1355XA	10580209	CENTRALIZED



ECLIPS 6.2wu1 PC-ECLIPS General Release Rel 6.2w Update 1 Fri Apr 25 10:54:53 Central Daylight Time 2014
 Updates: 46 Patches: 5

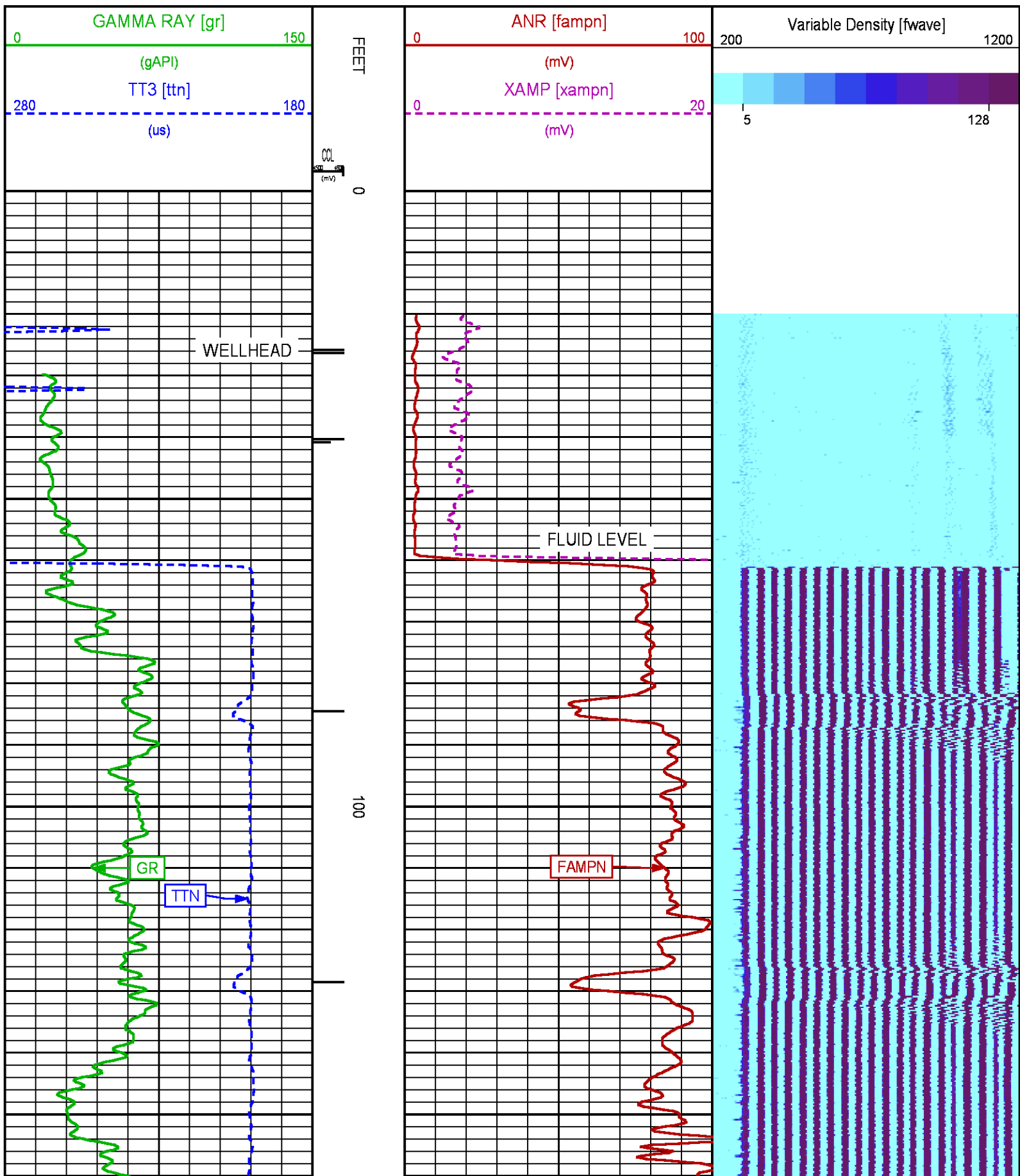
Plotted: Tue Dec 30 11:32:41 2014

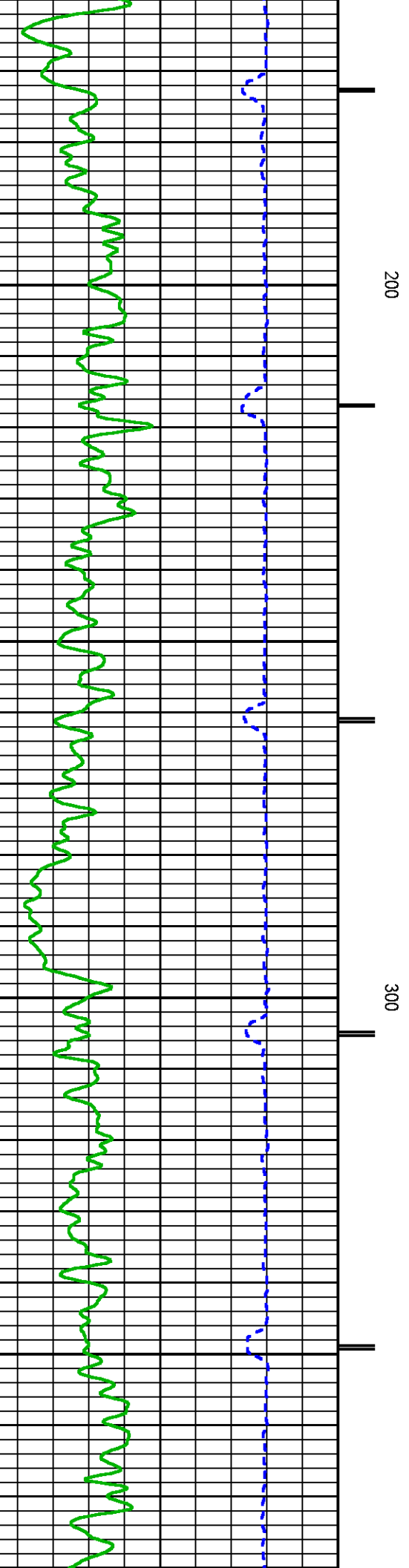
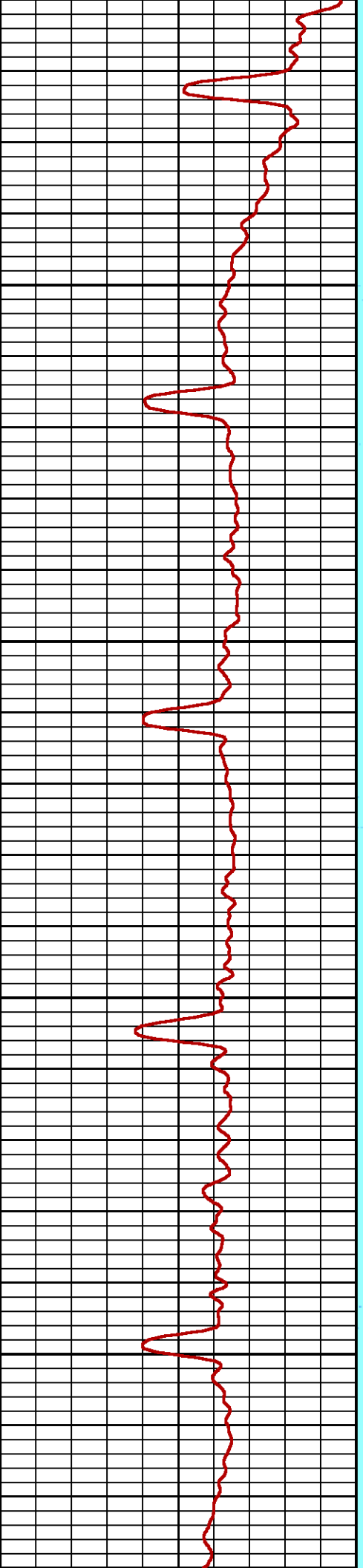
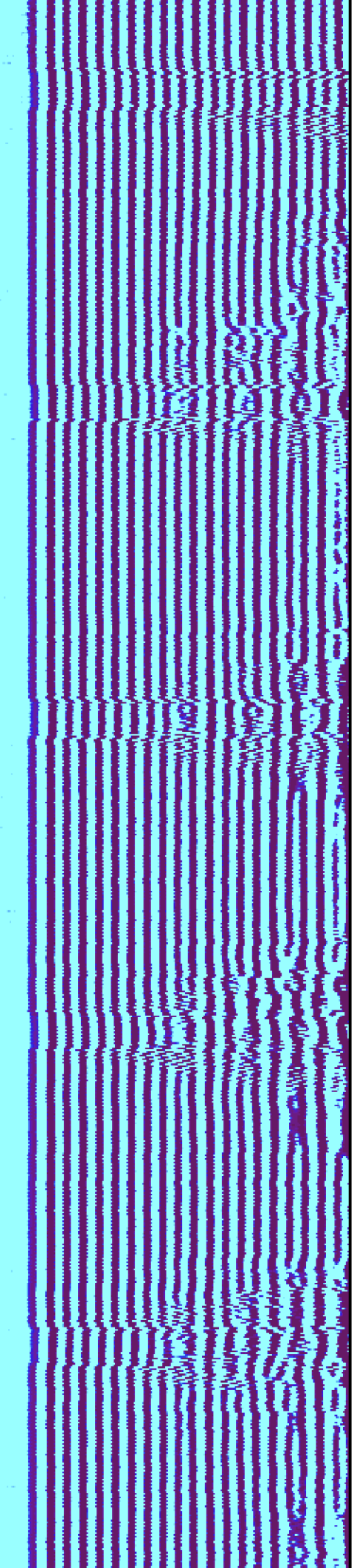
PARAMETER AND FILTER SUMMARY REPORT					
FILE: C:\dat1a\093777\012g02.prm LOGGING MODE: DEPTH DIRECTION: UP TOP DEPTH: 30.250 ft BOTTOM DEPTH: 6356.227 ft					
SYMMETRIC FILTER					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
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*)	173	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*)	-69	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	131	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

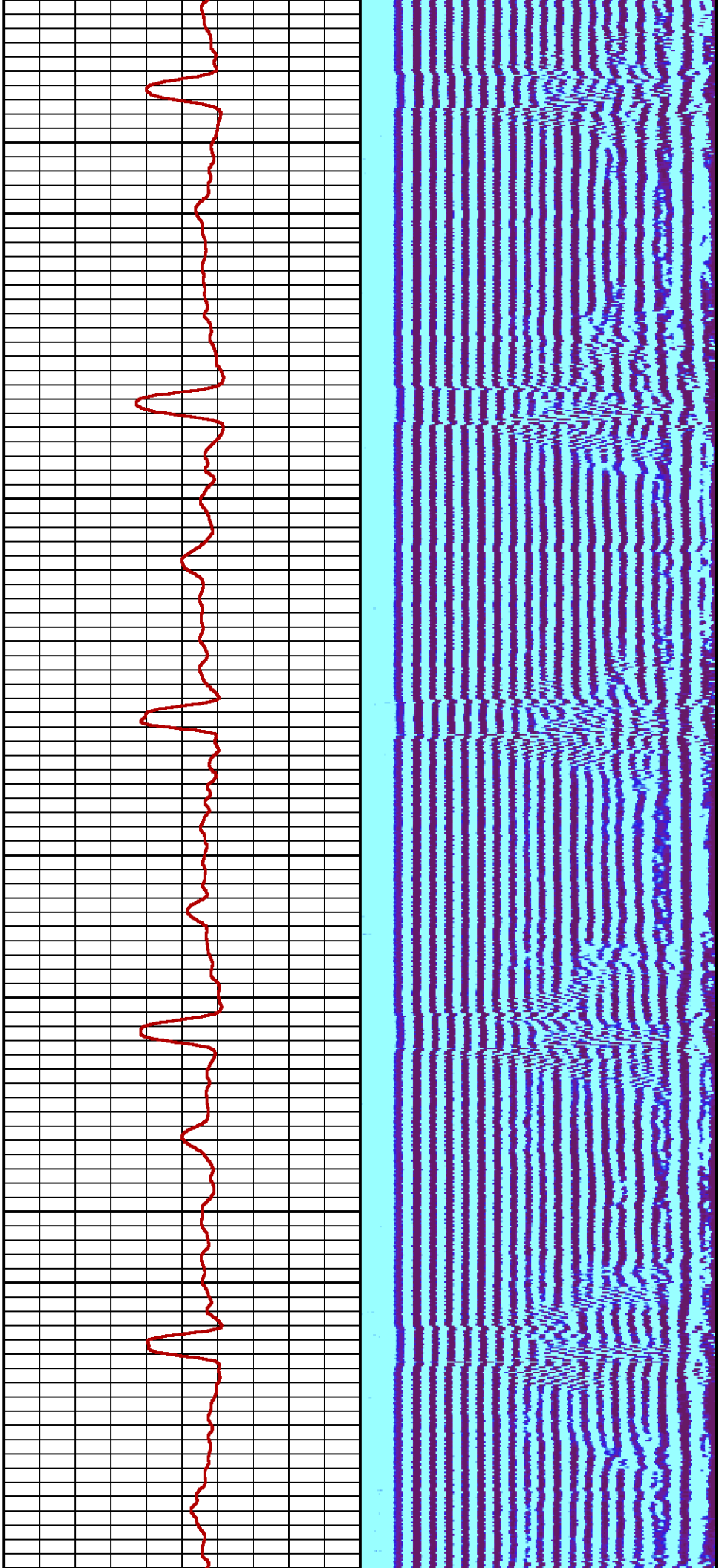
CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Dec 30 09:11:22 2014	CASING COLLAR LOCATOR
F1:FAMPN	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Dec 30 09:11:22 2014	FAR WAVE FORM
F1:GR	Dec 30 09:11:22 2014	GAMMA RAY
F1:TTN	Dec 30 09:11:22 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Dec 30 09:11:22 2014	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 : BHUGHES-06627.C:\dat1a\09377\531_CBL_MAIN.xtf
Plot Interval : 0 - 6357 Feet
Data File 1 : F1 : BHUGHES-06627.C:\dat1a\09377\531_CBL_MAIN.xtf
Created On : Dec 30 09:11:22 2014
Company : WPX ENERGY
Well : GM 531-12
Field : GRAND VALLEY
File Interval : 19 - 6355 Feet
OCT : n012g



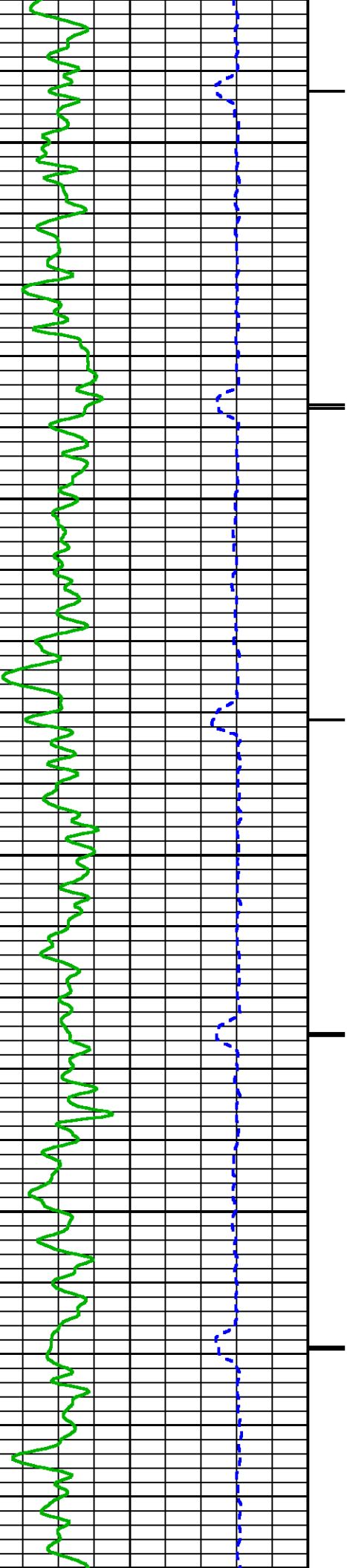


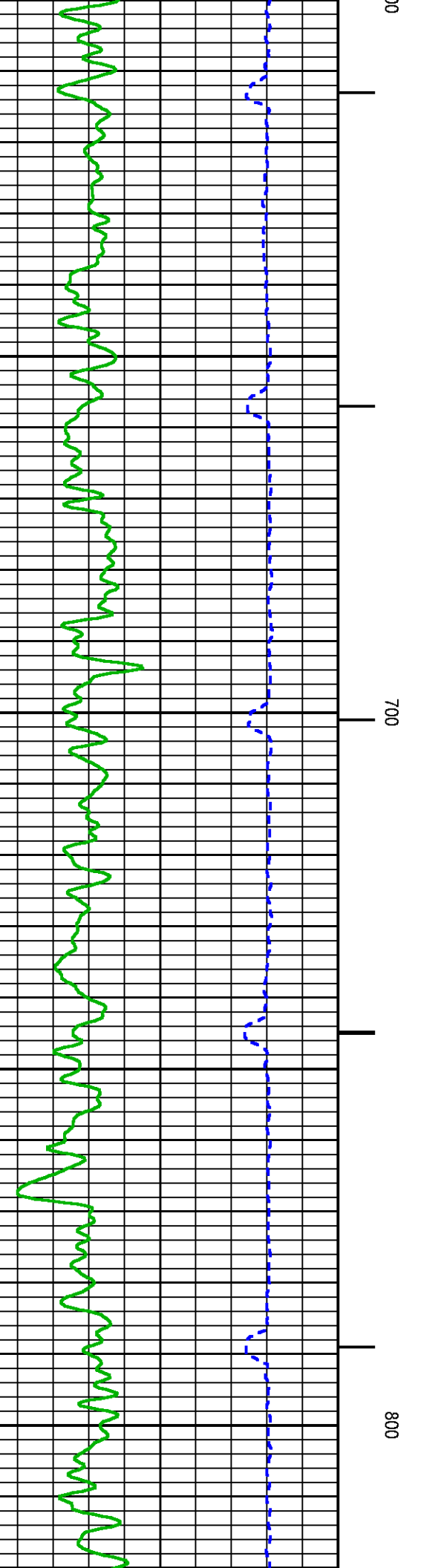
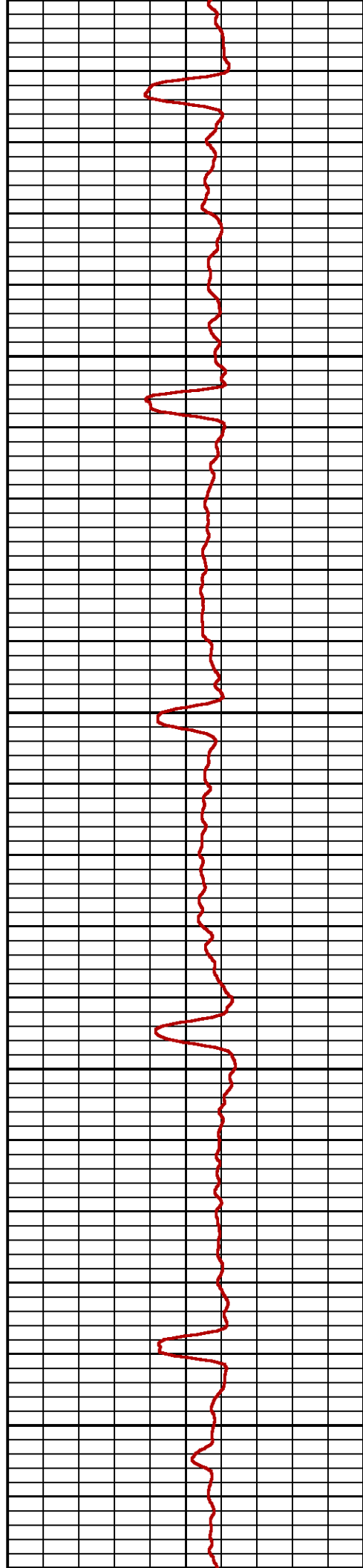
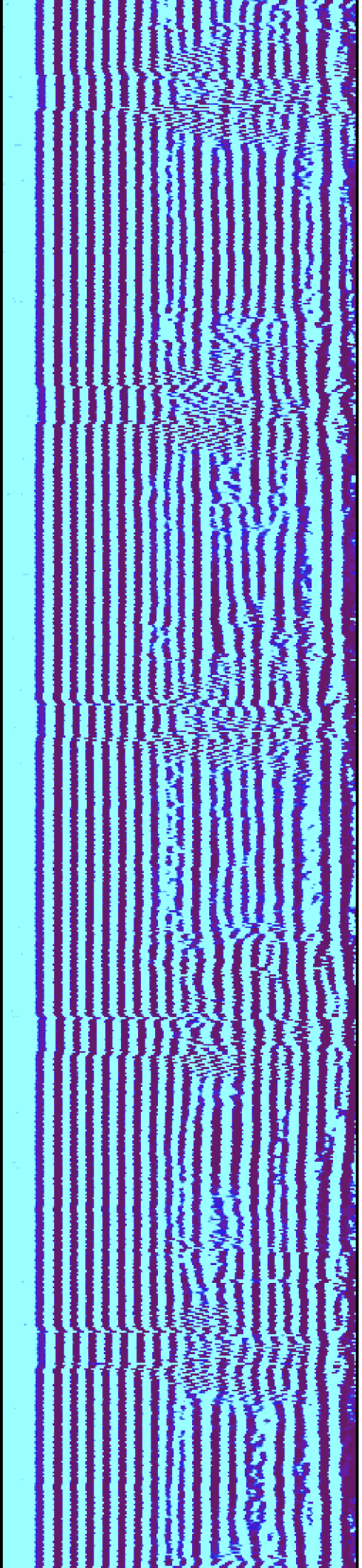


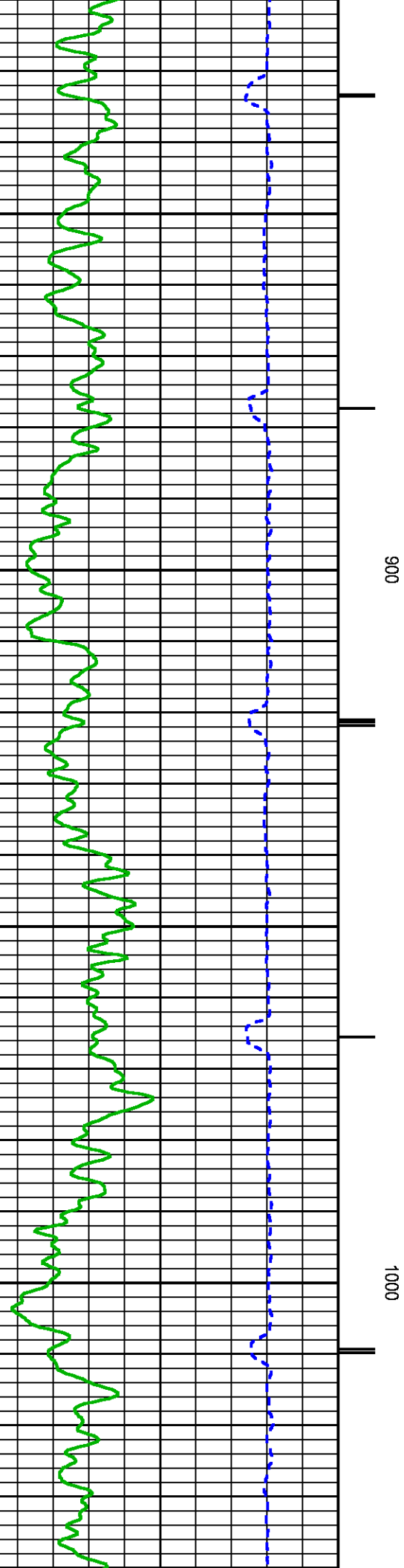
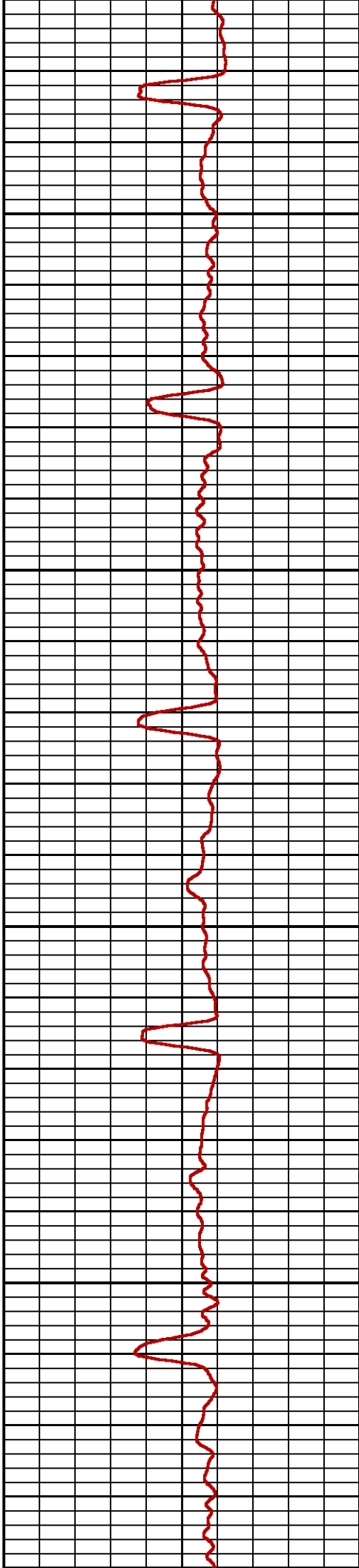
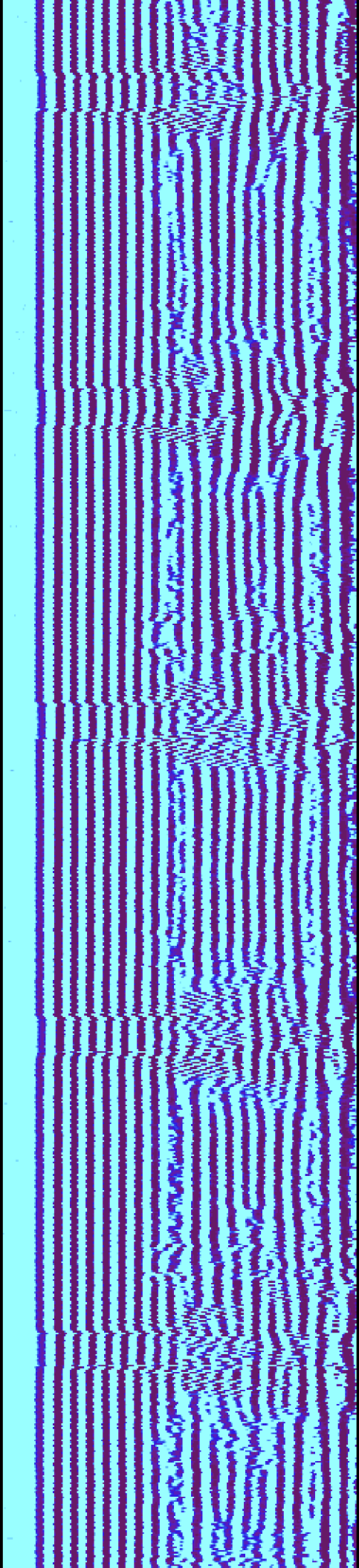
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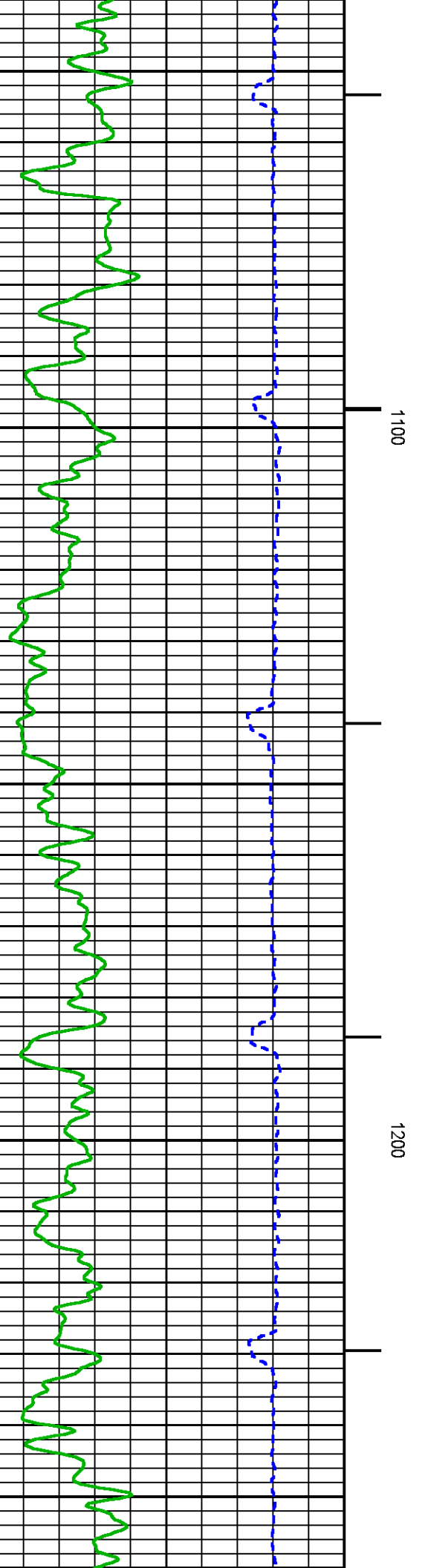
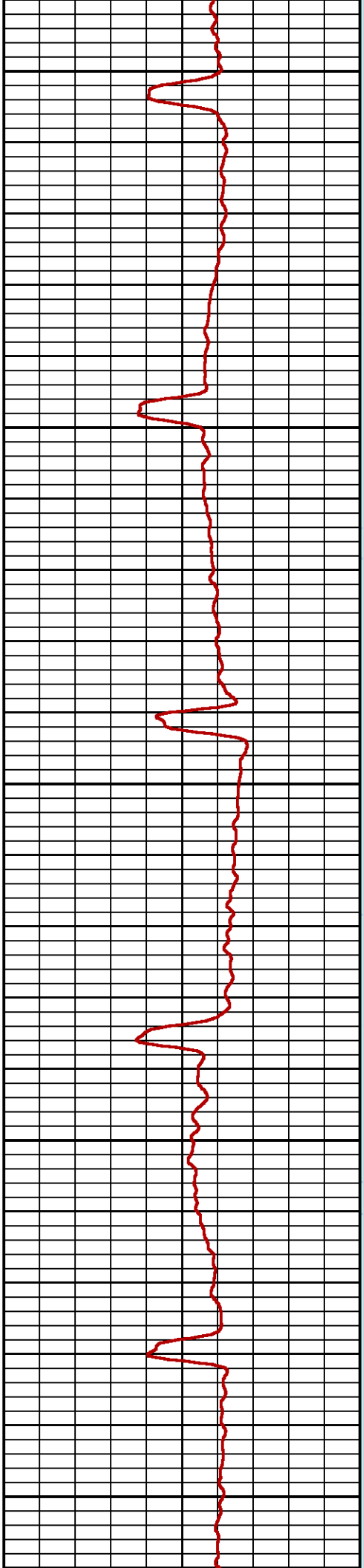
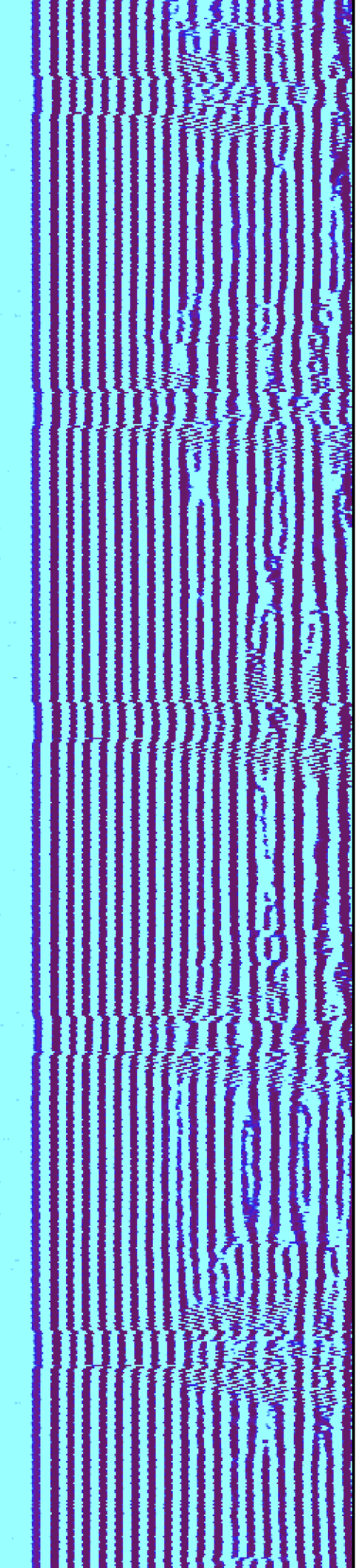
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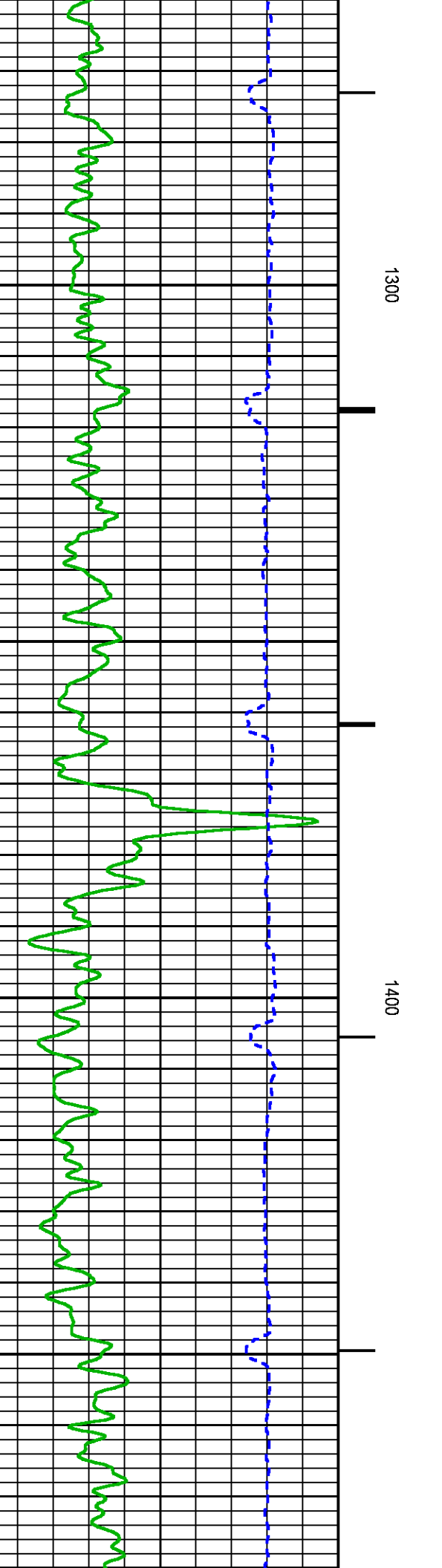
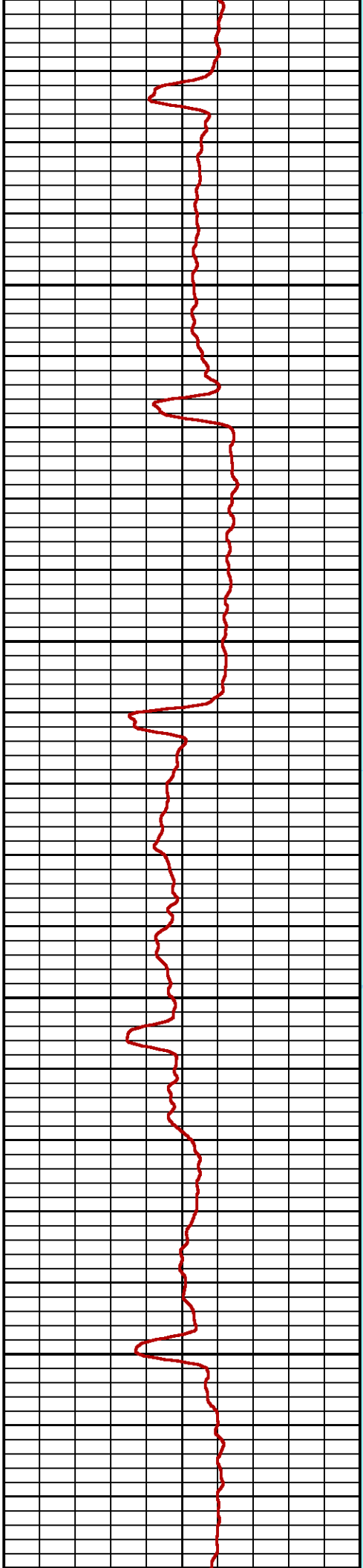
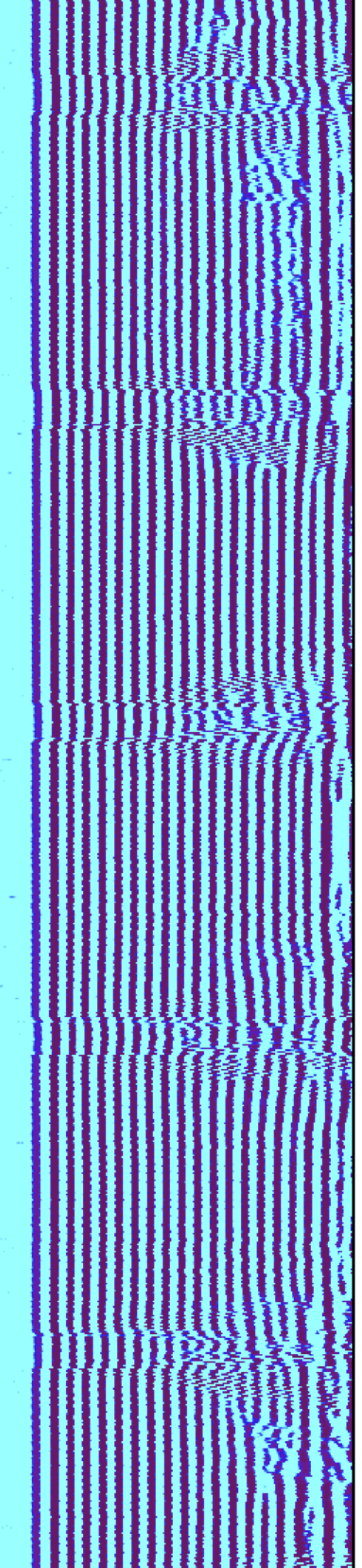
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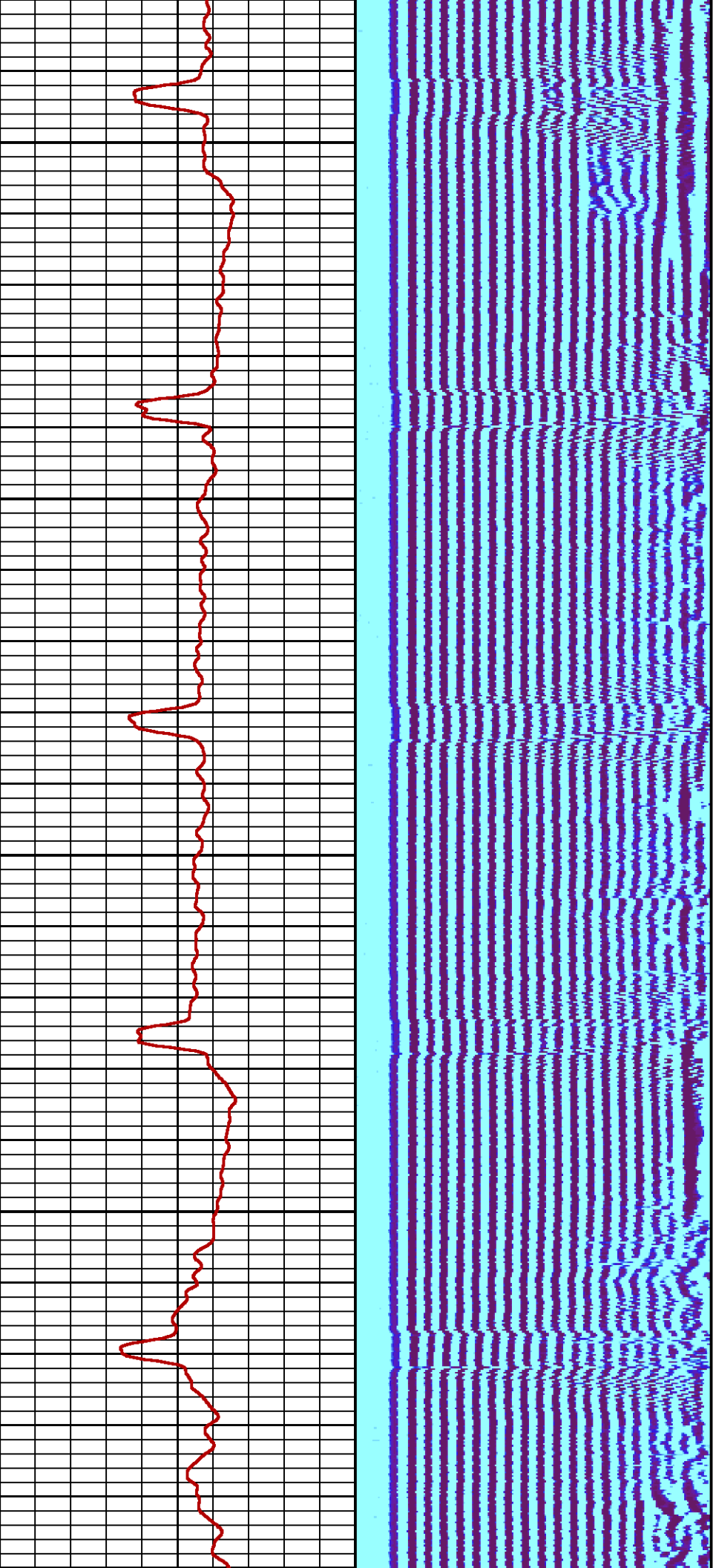








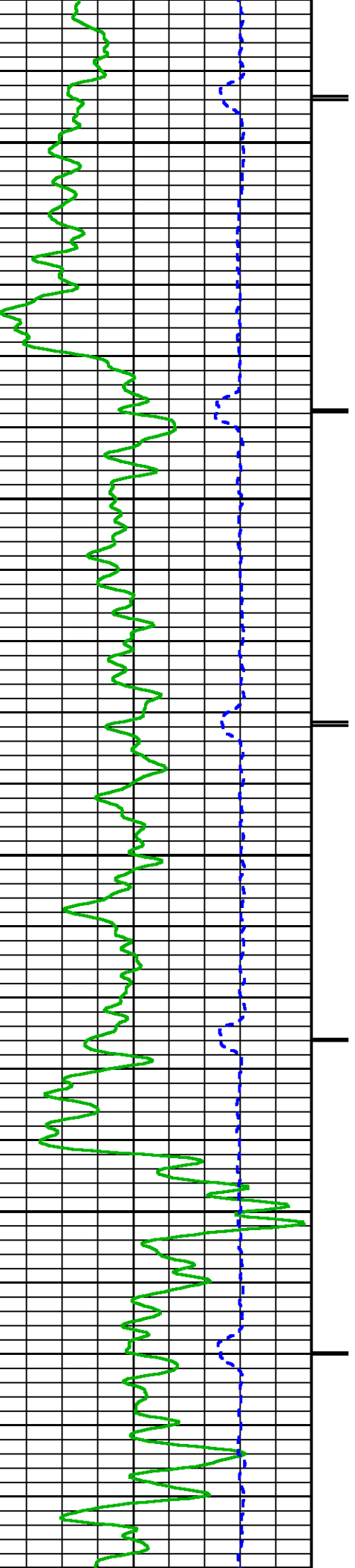


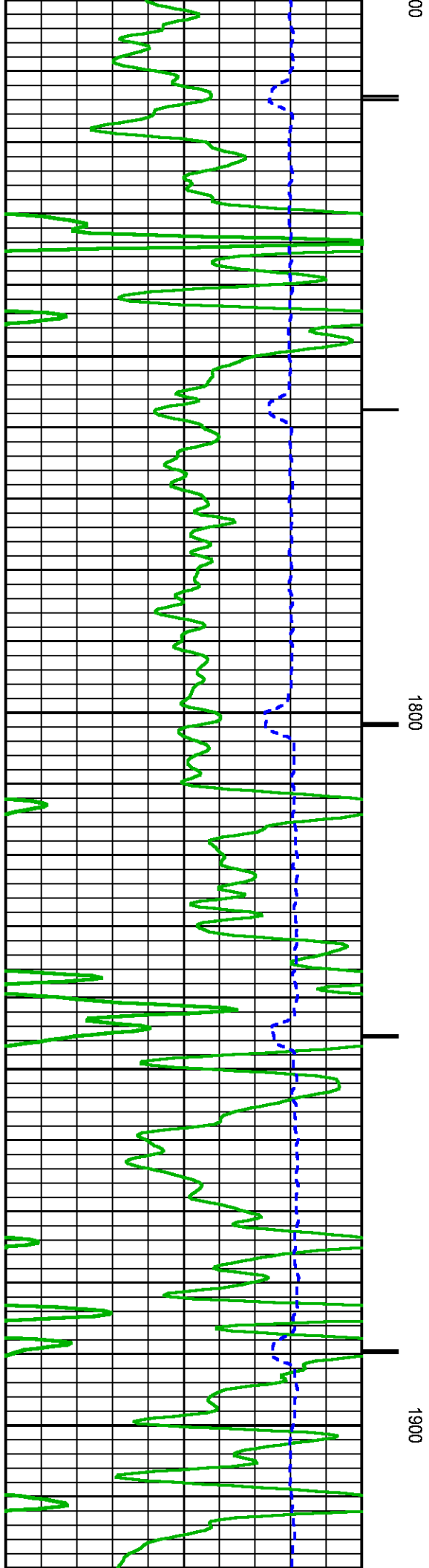
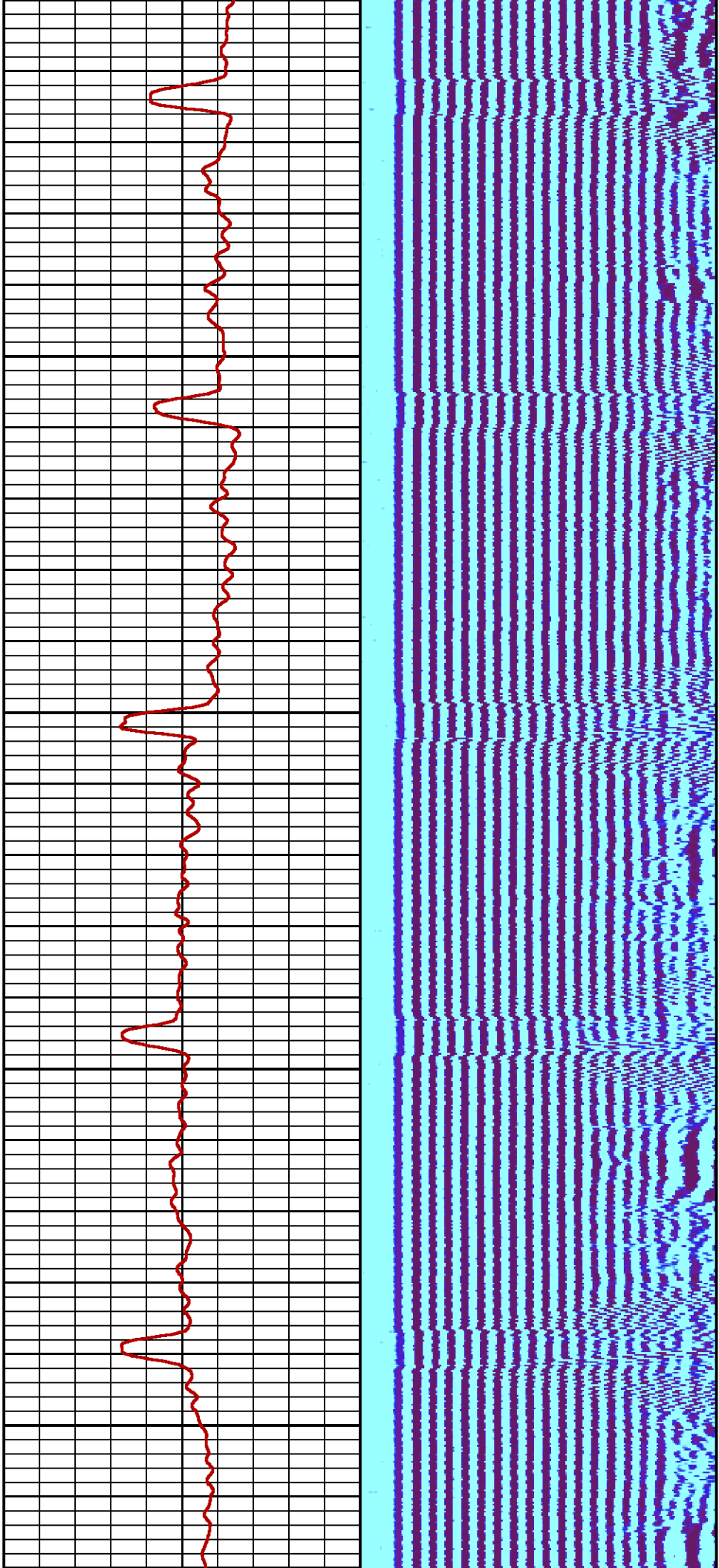


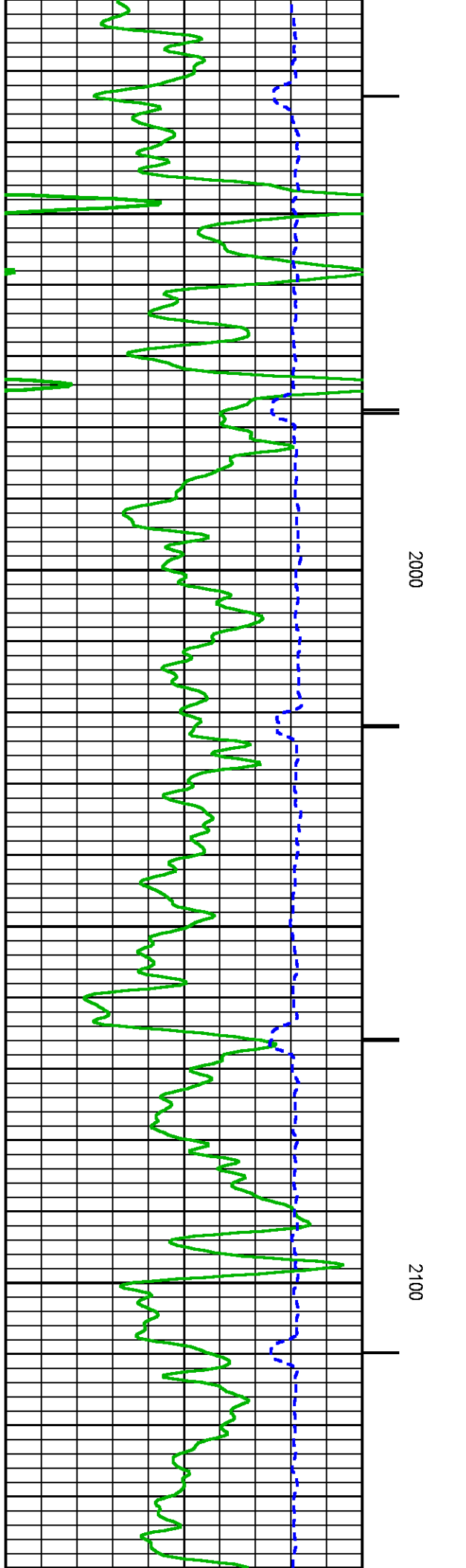
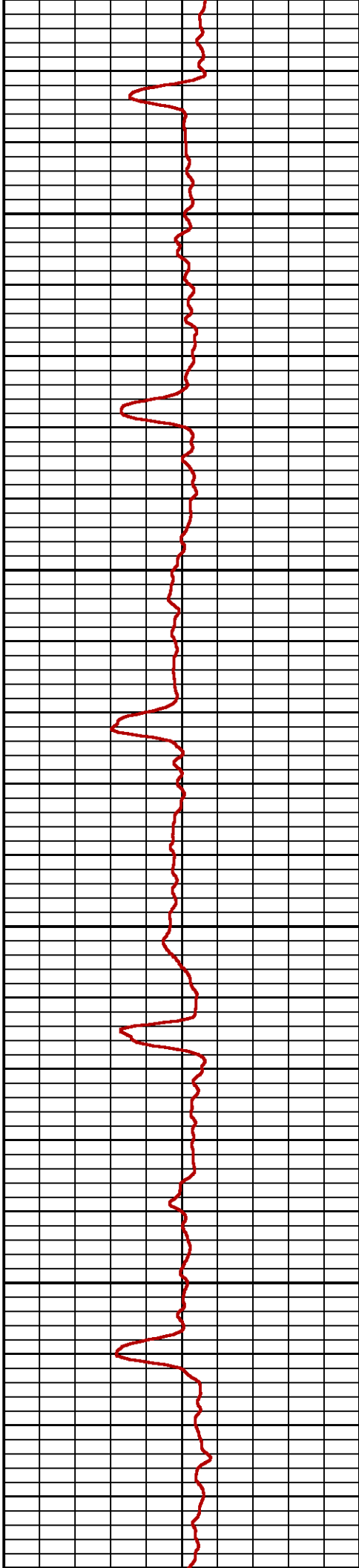
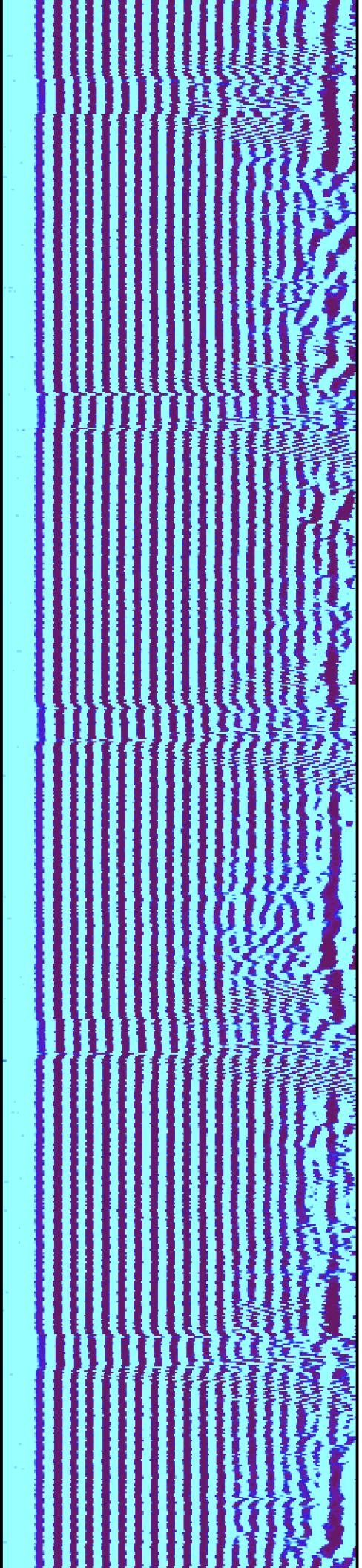
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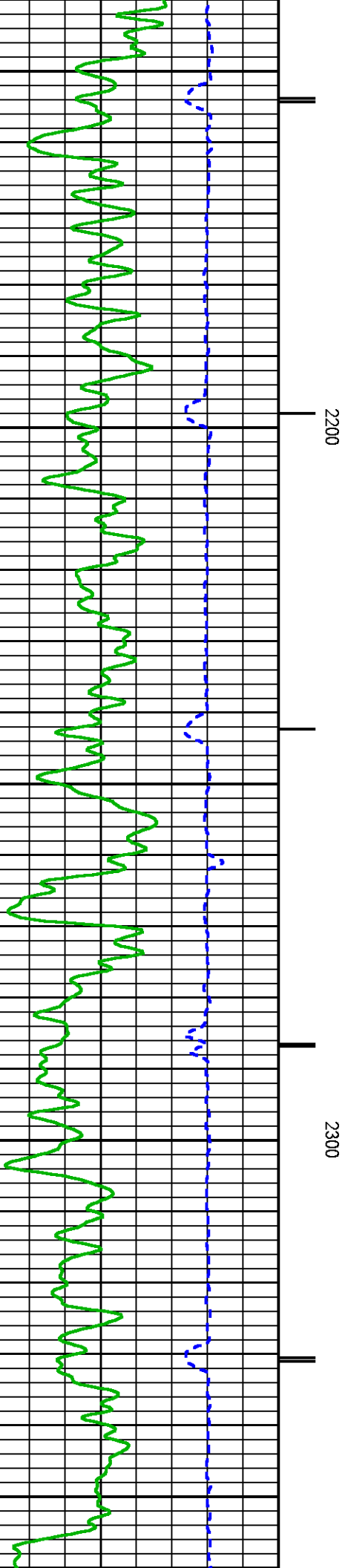
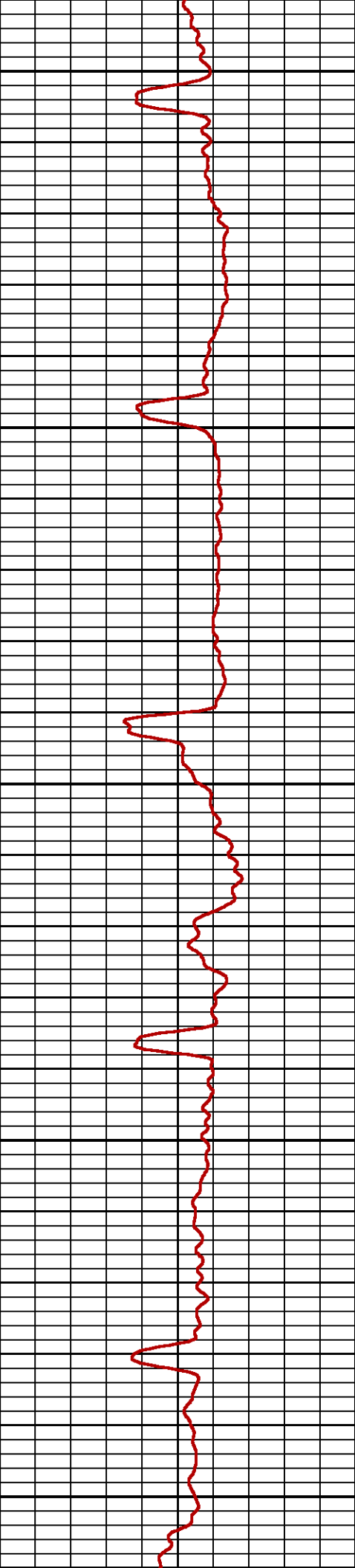
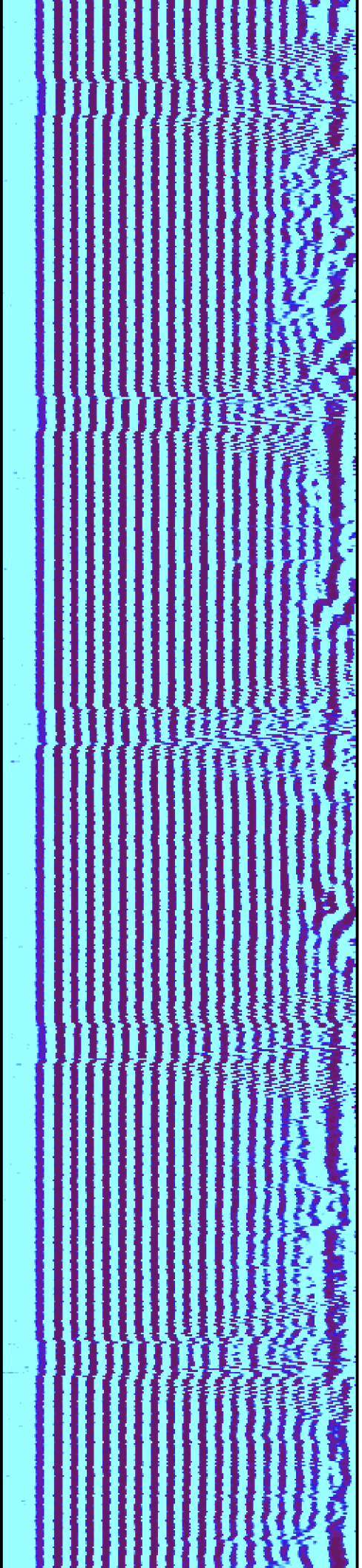
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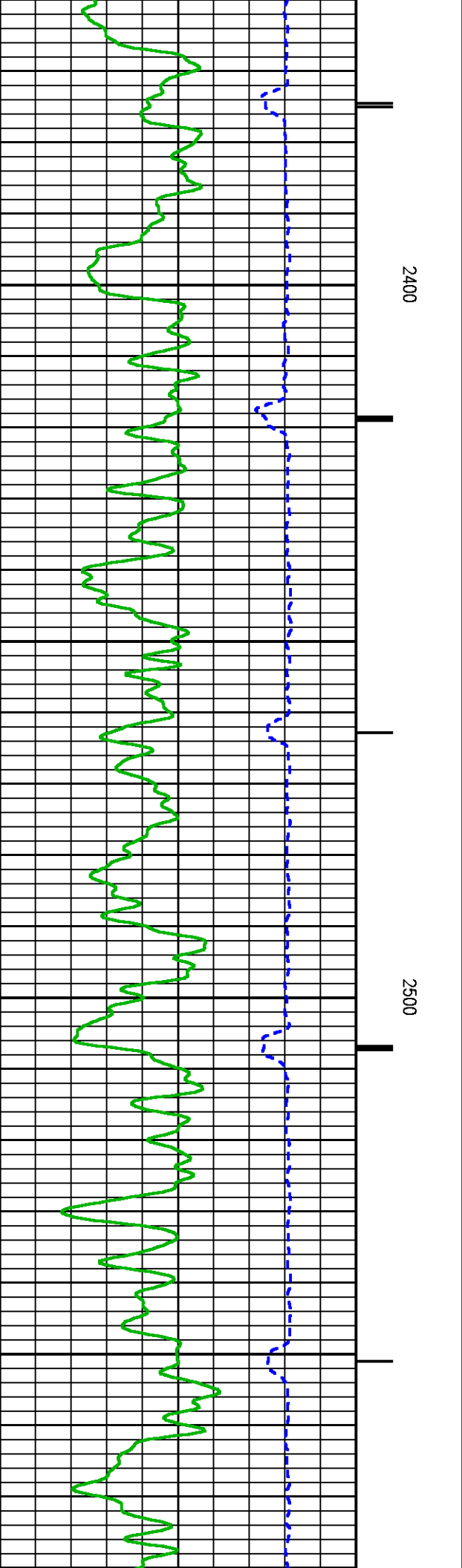
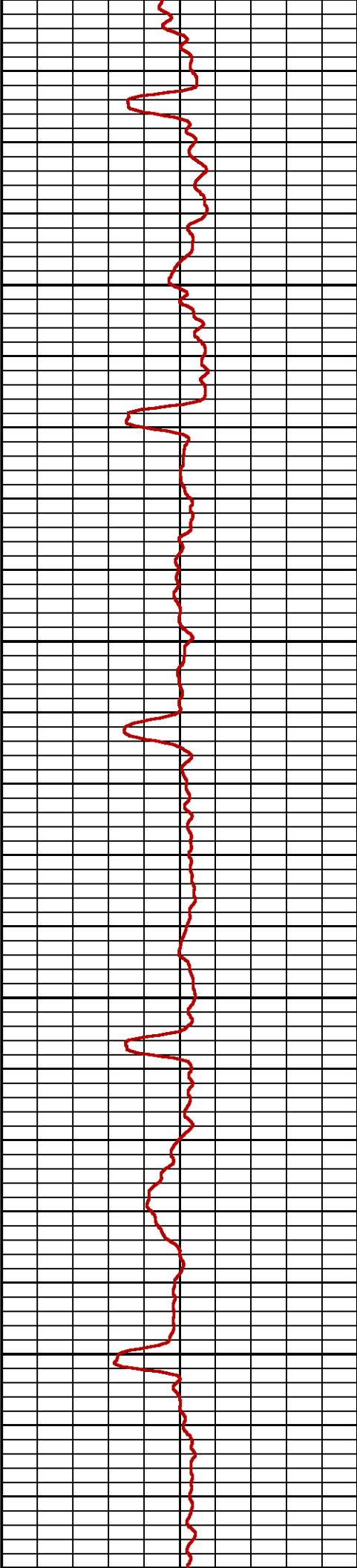
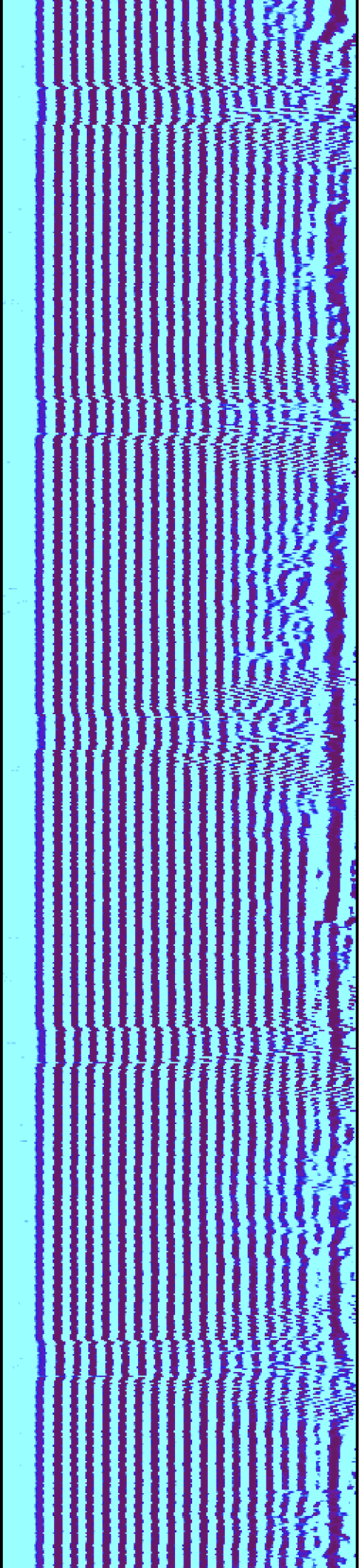
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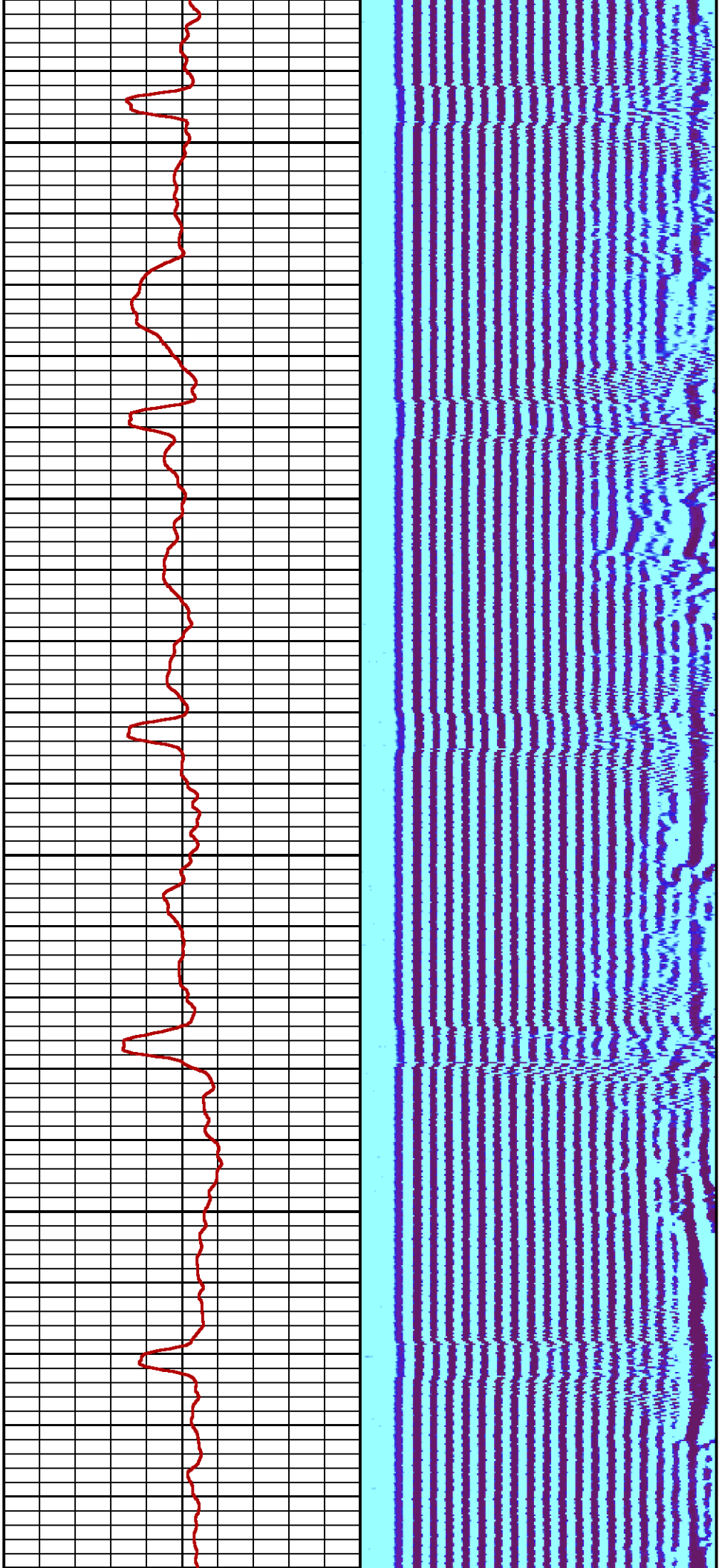








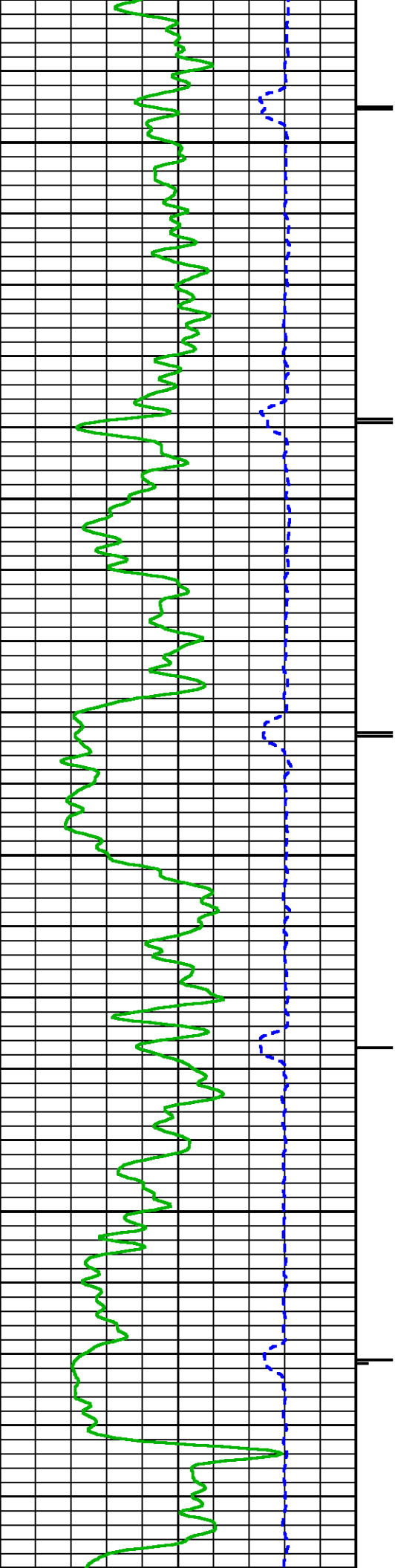


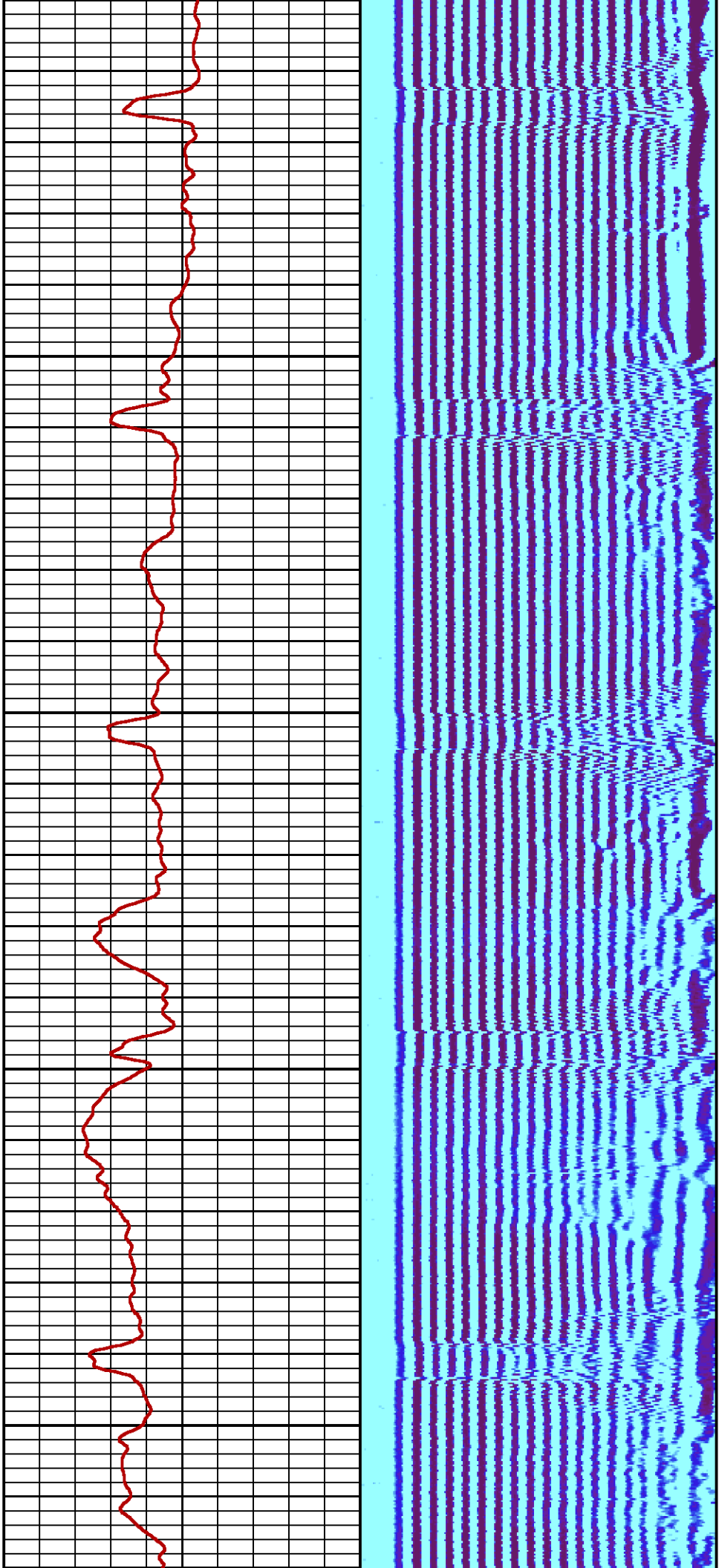


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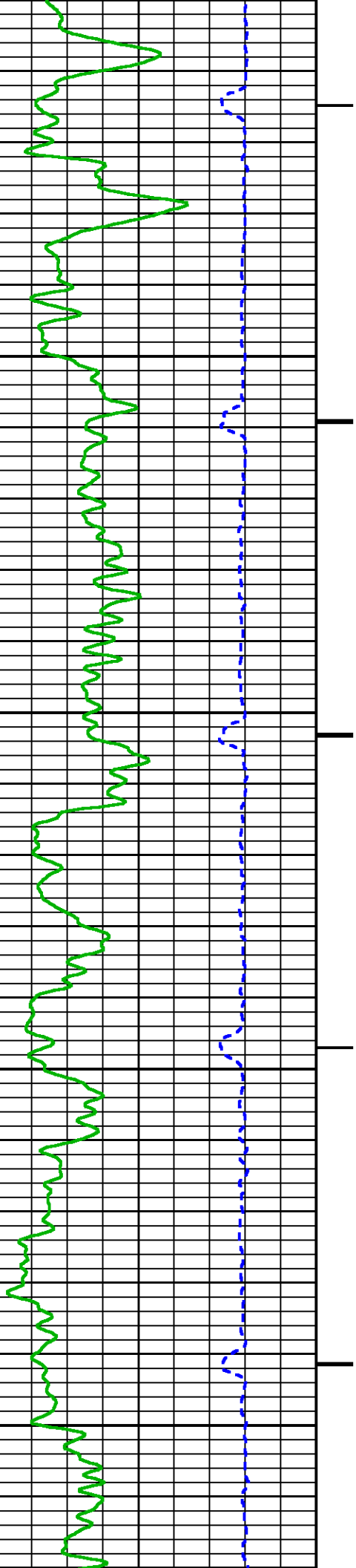


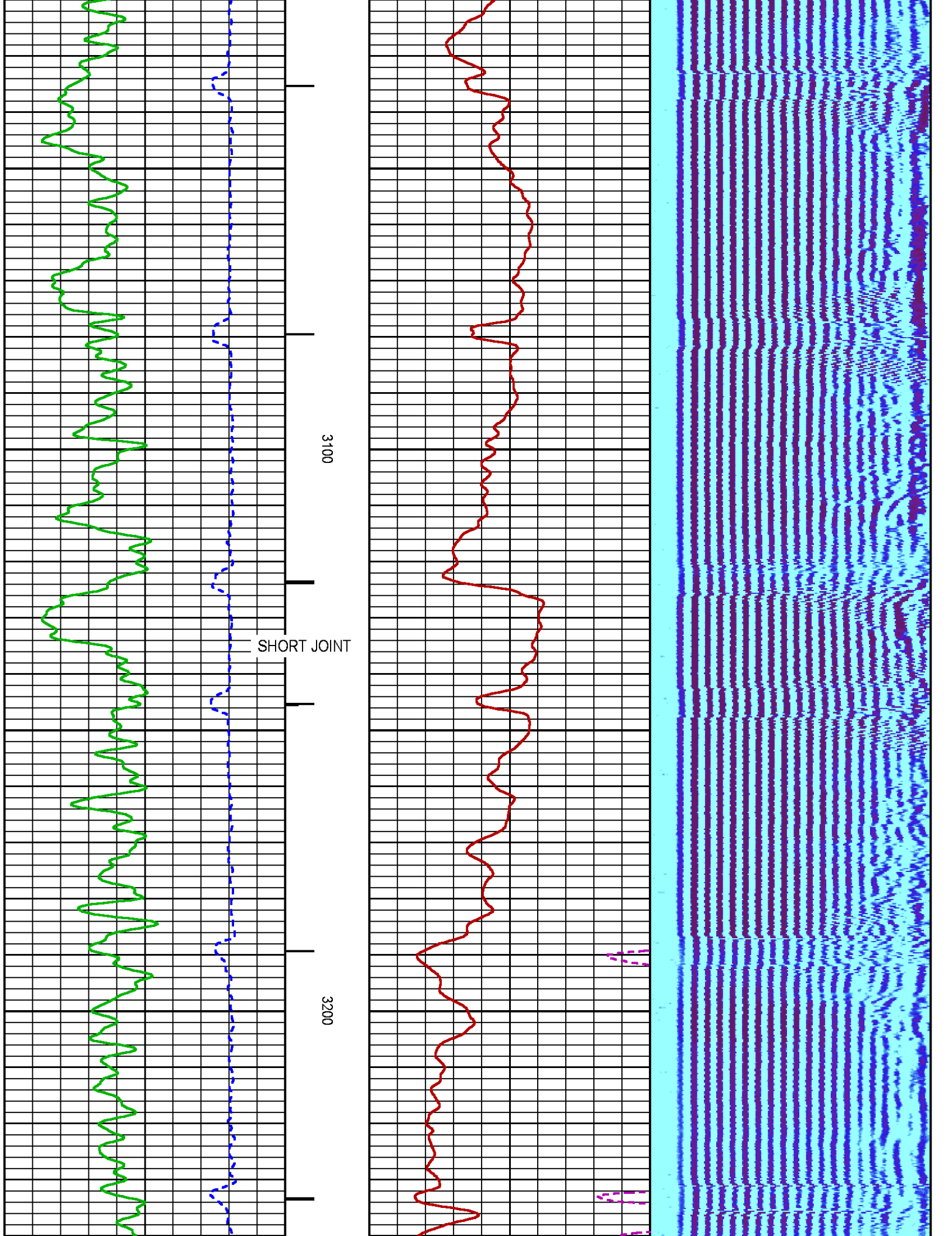


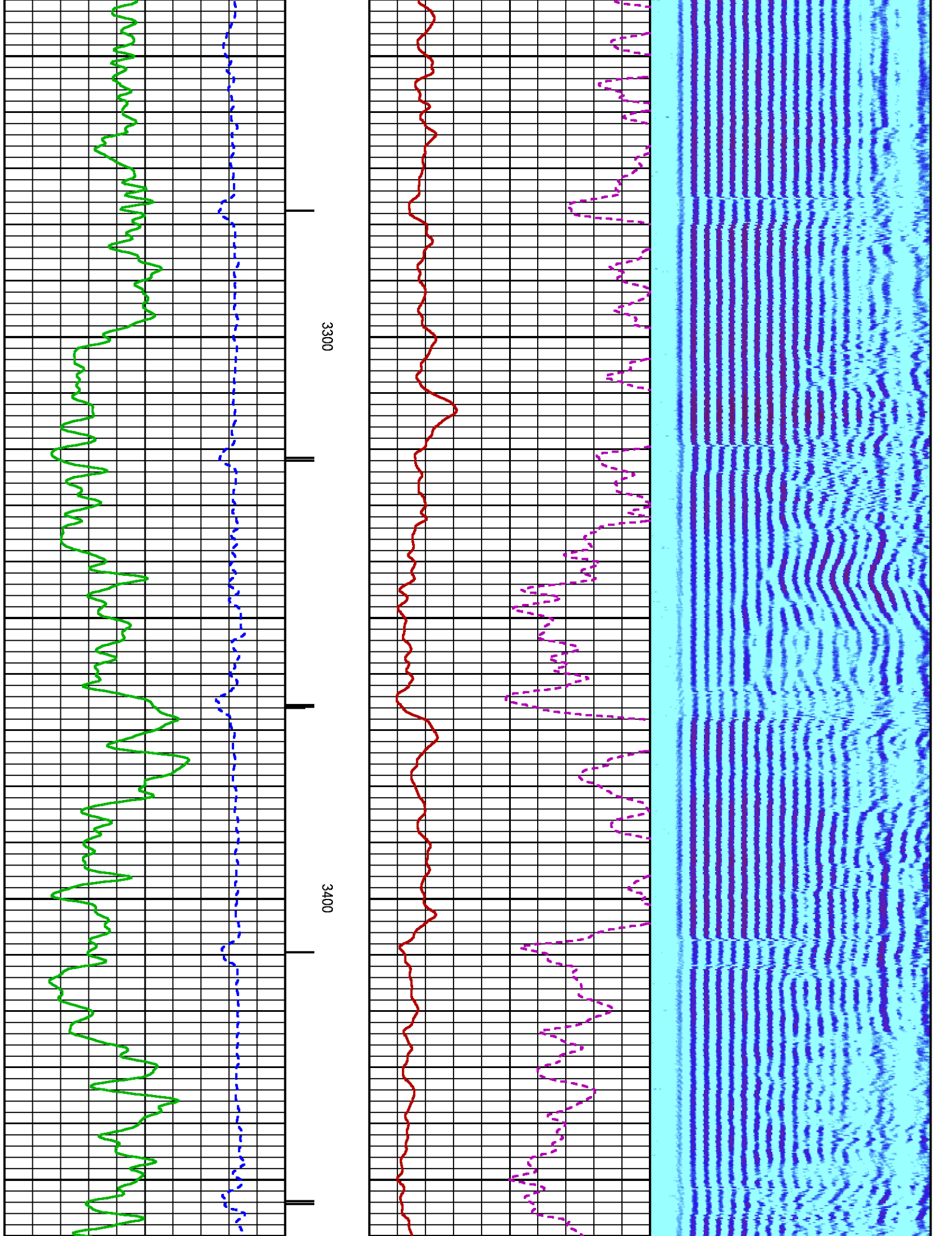
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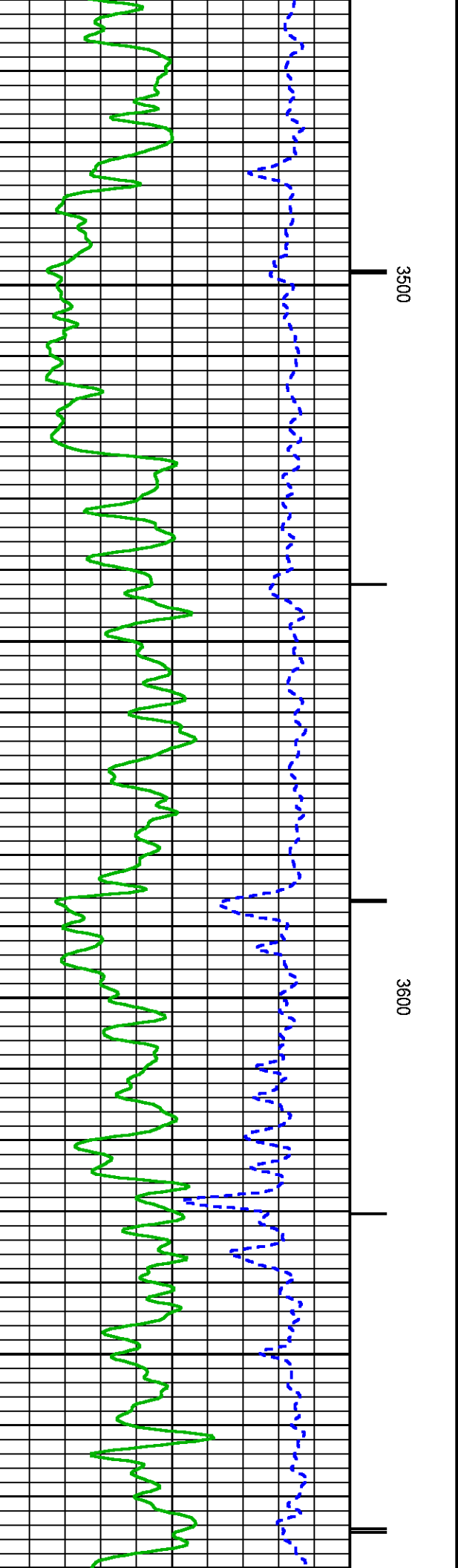
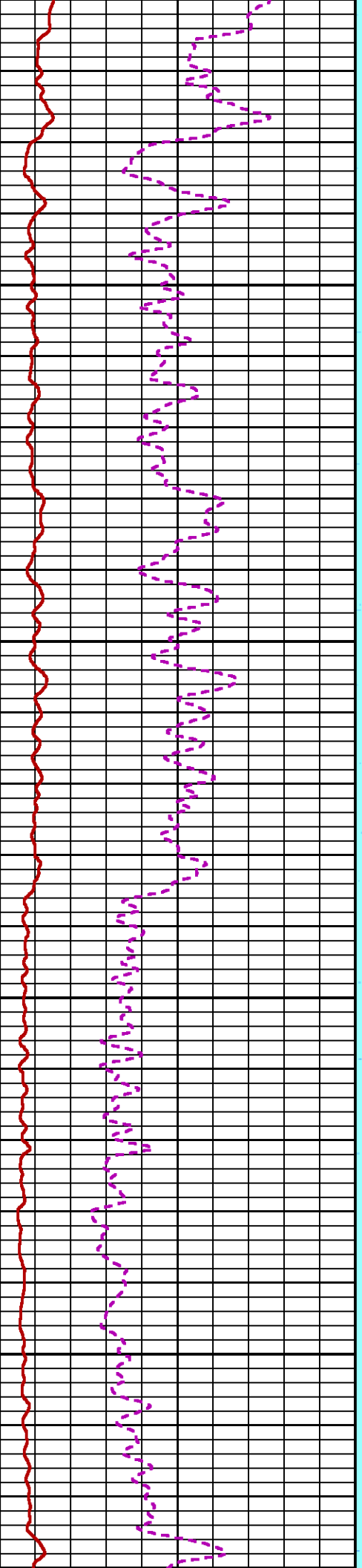
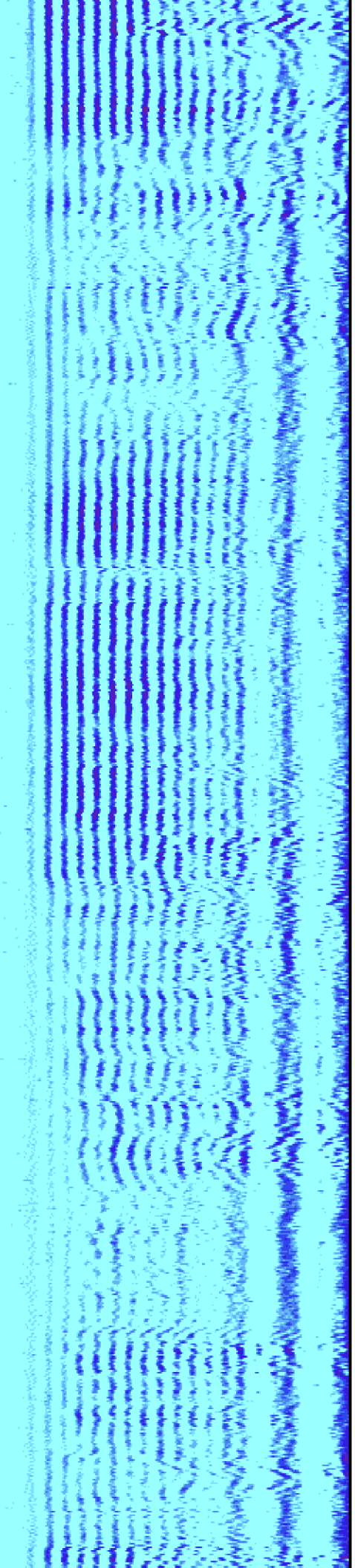
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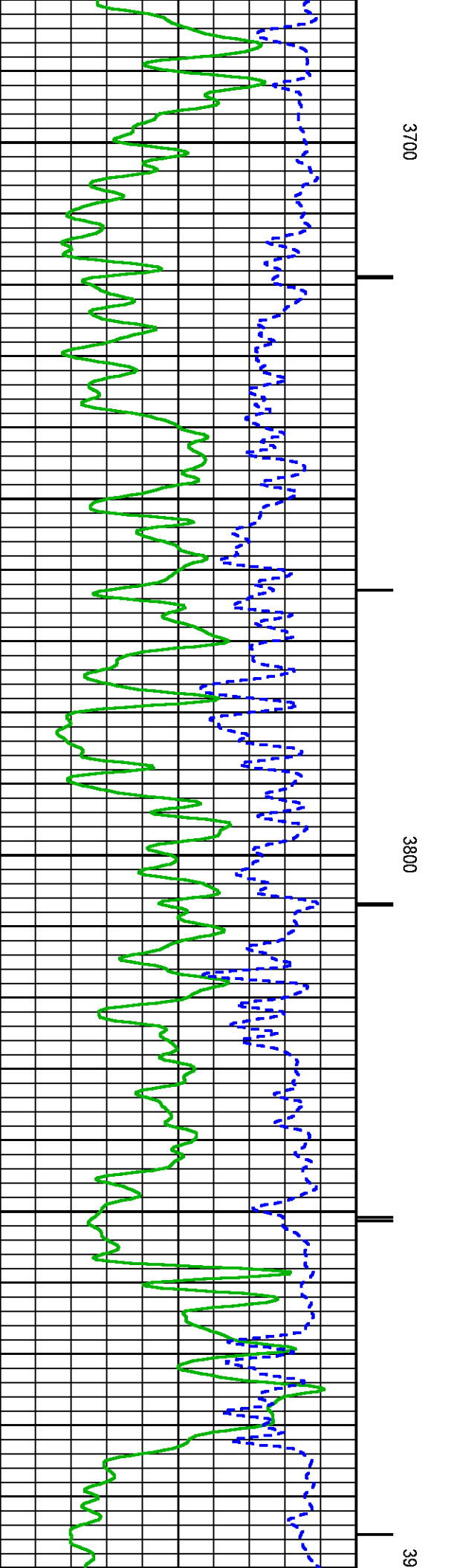
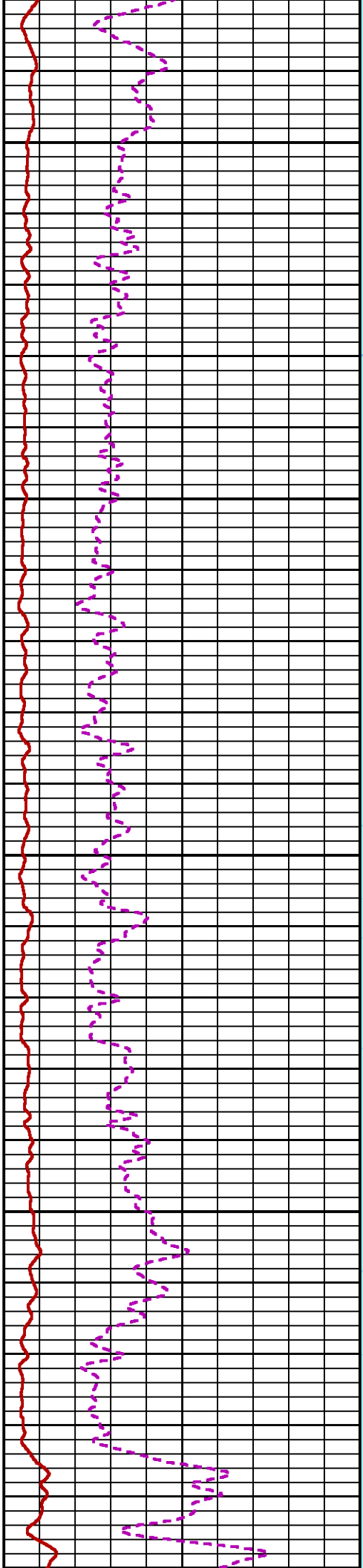
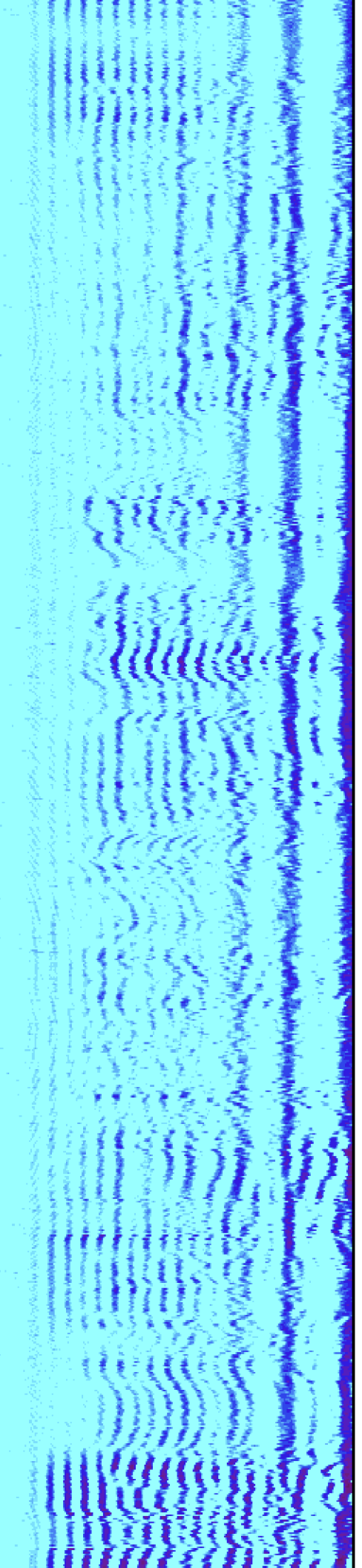
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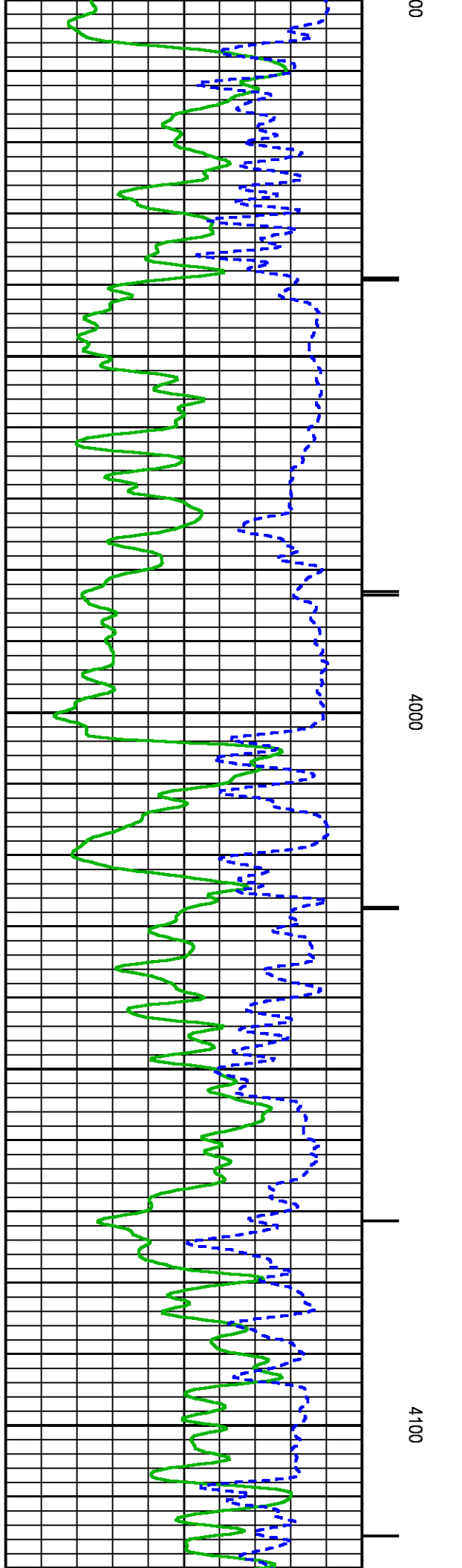
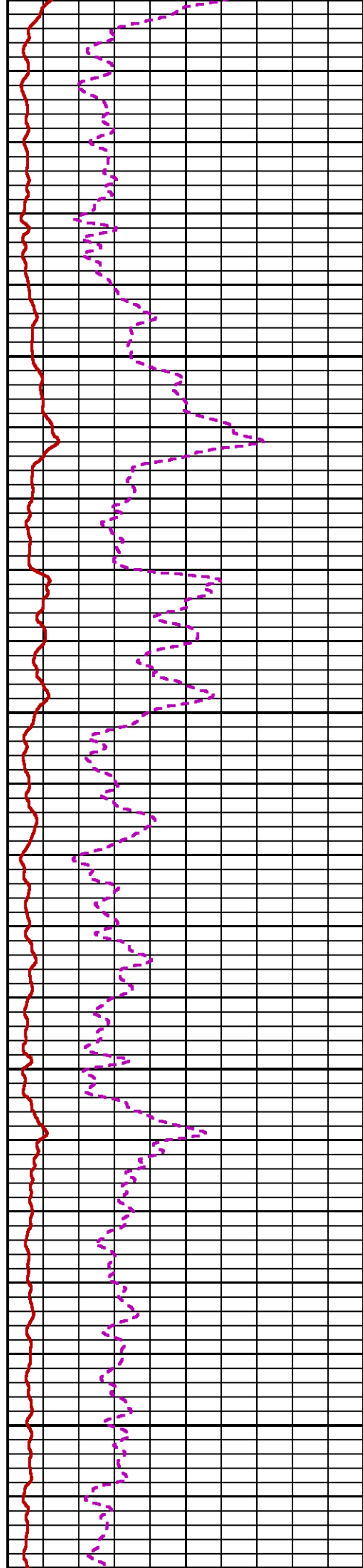
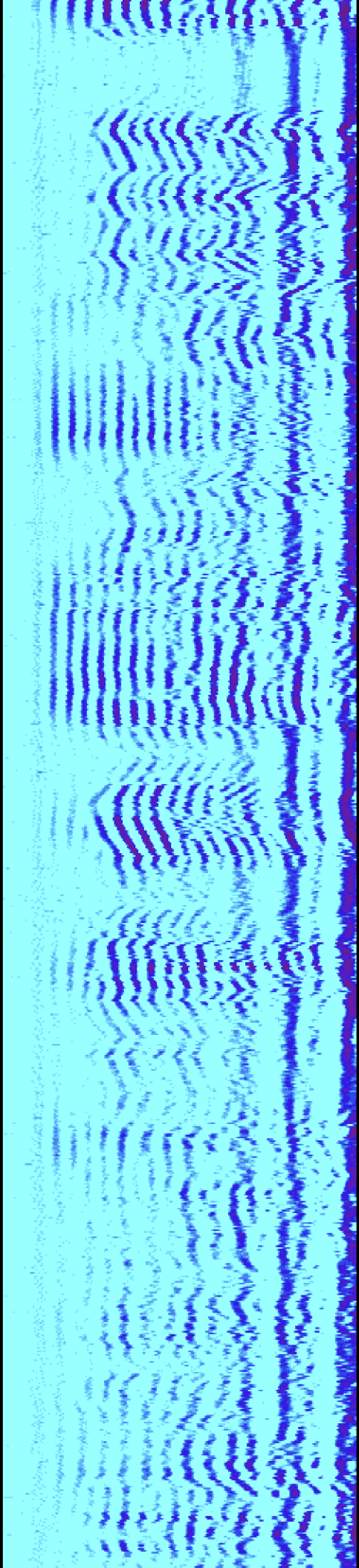


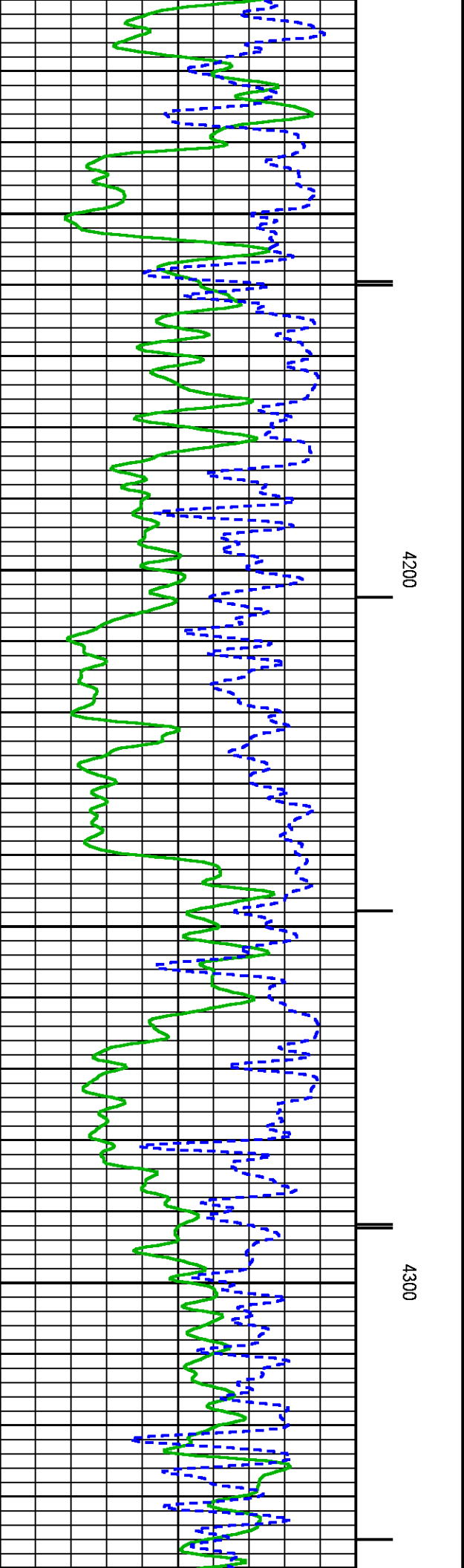
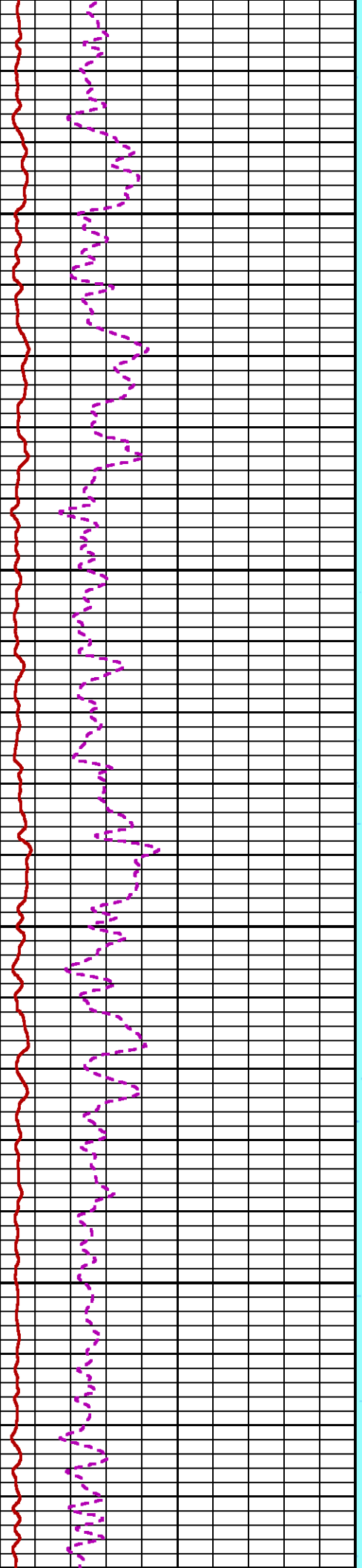
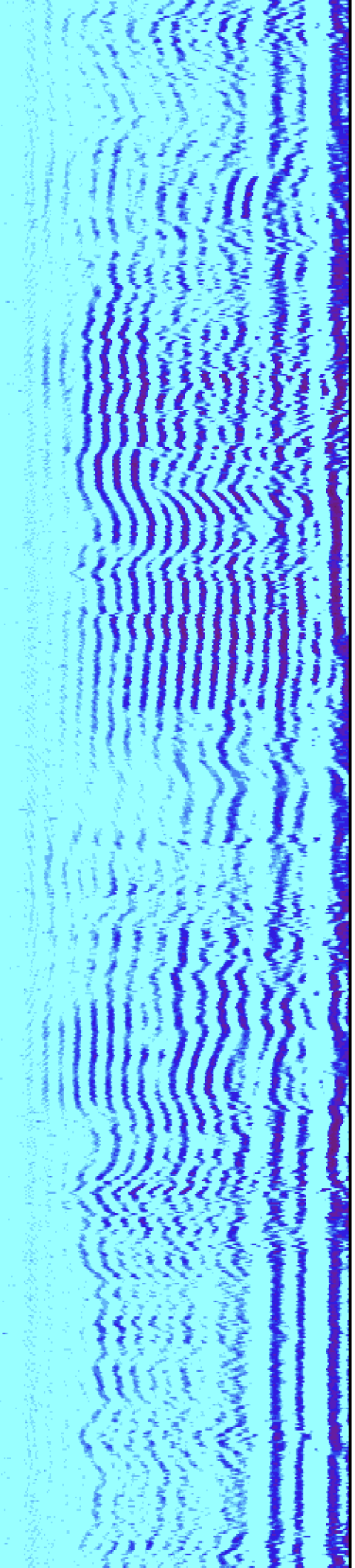


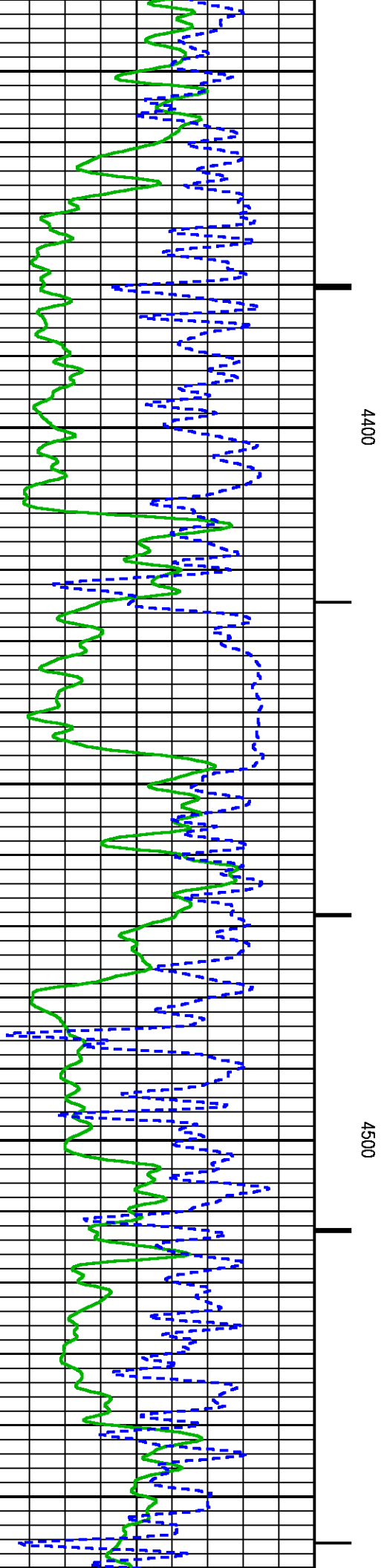
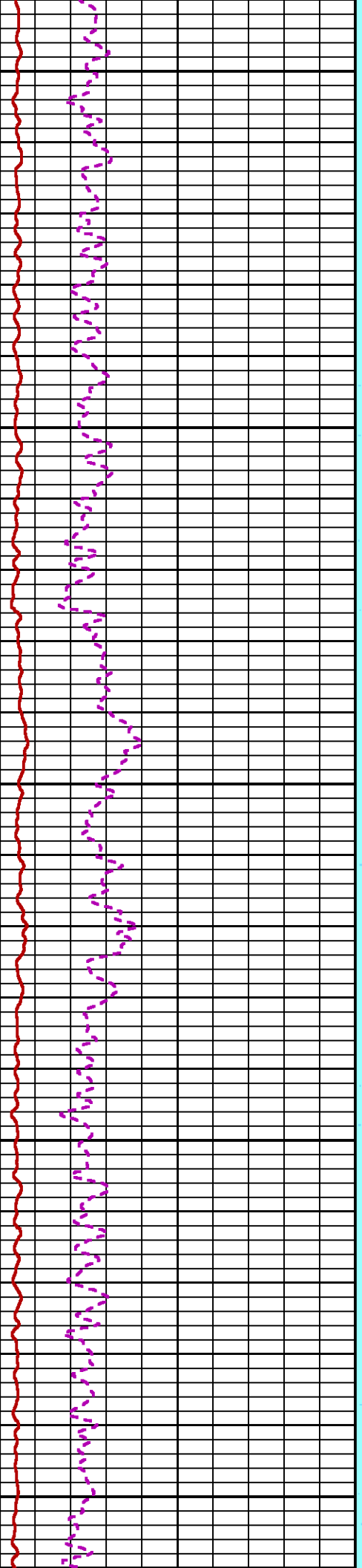
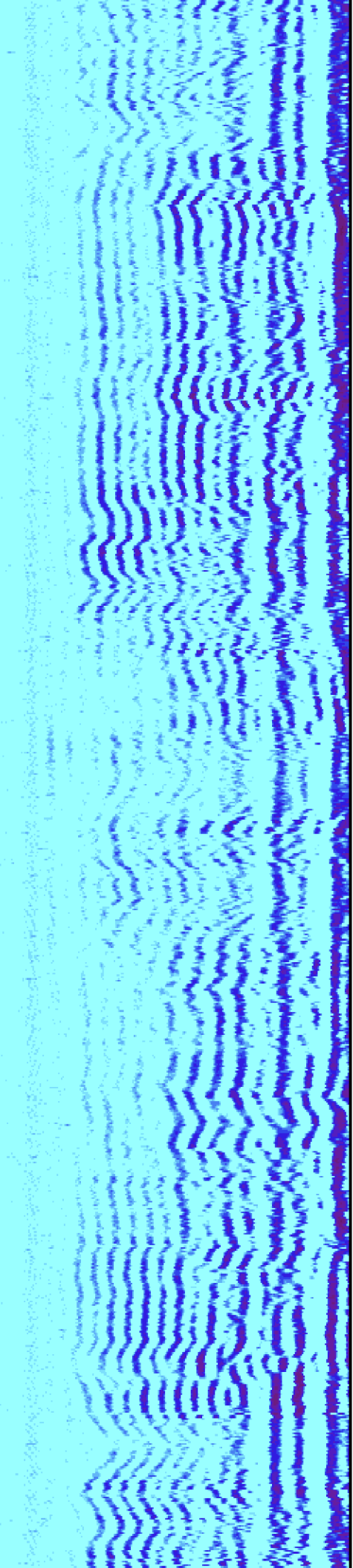


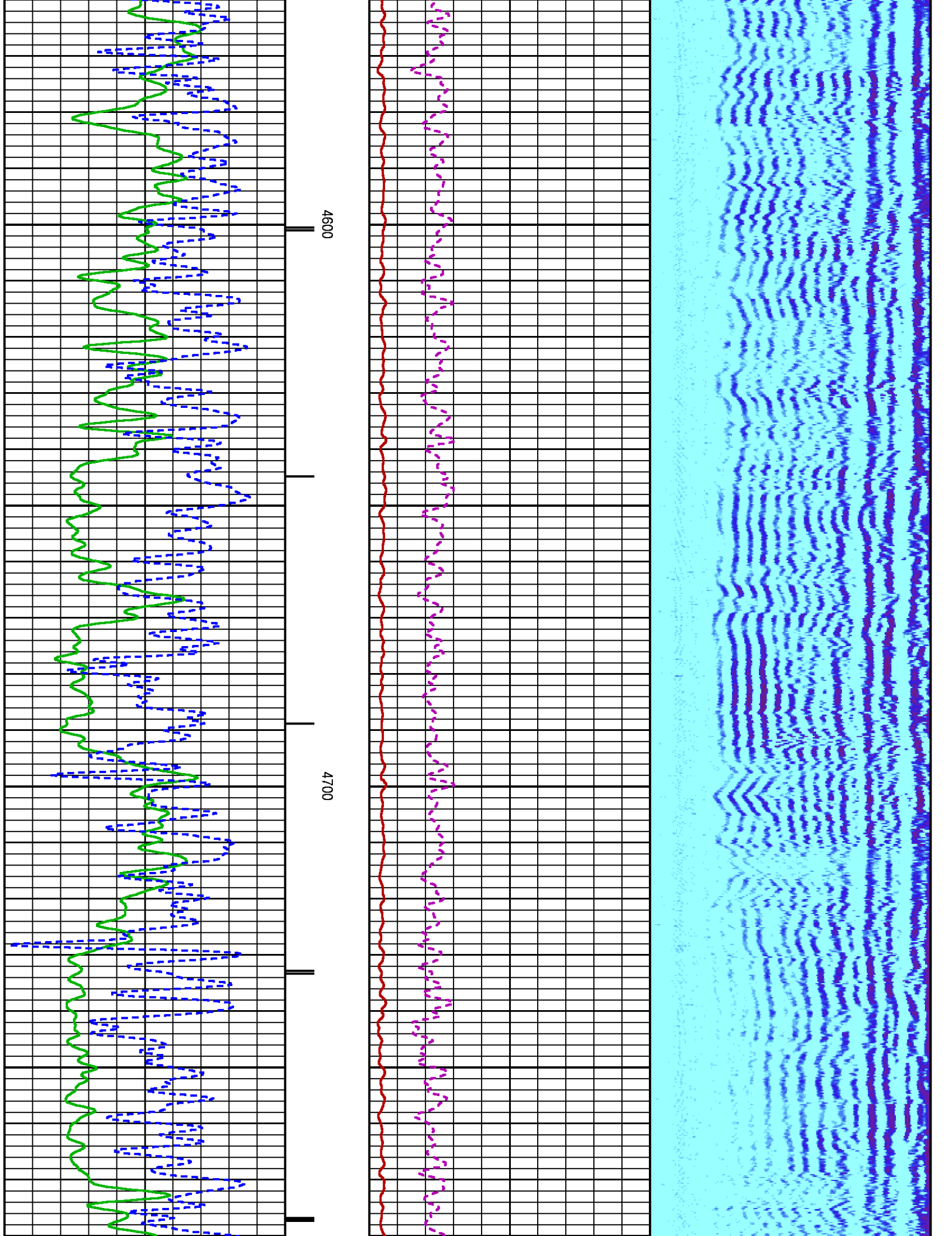


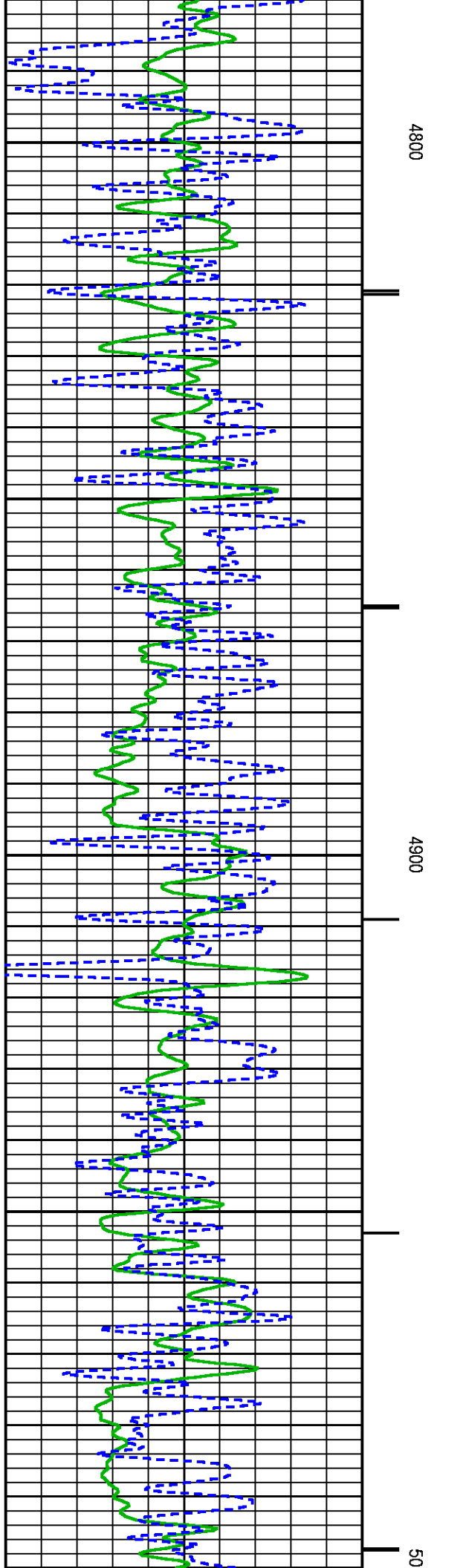
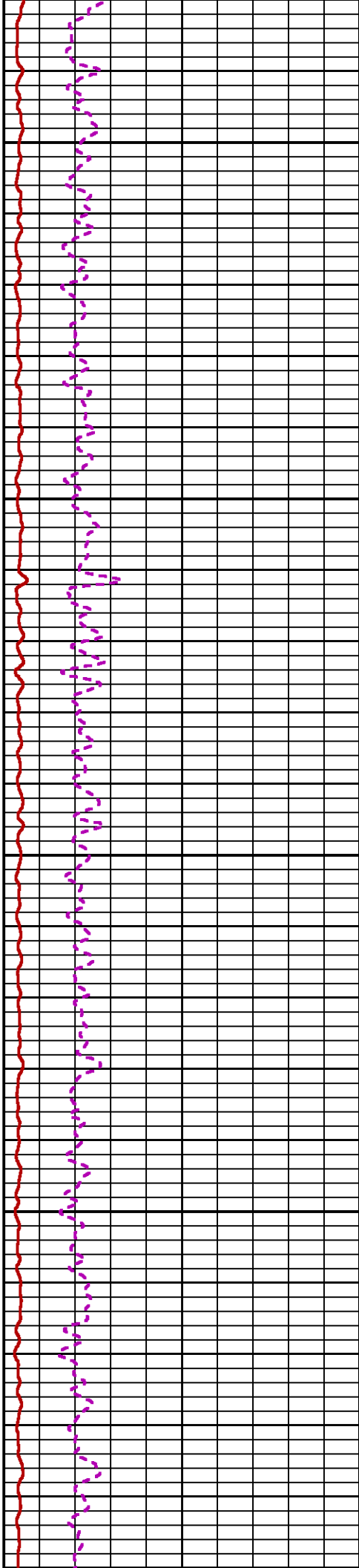
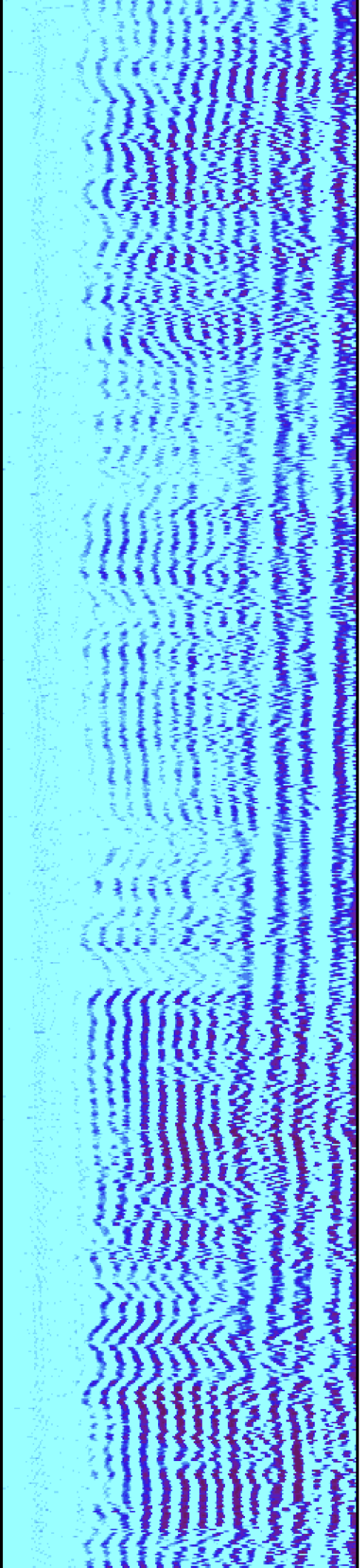


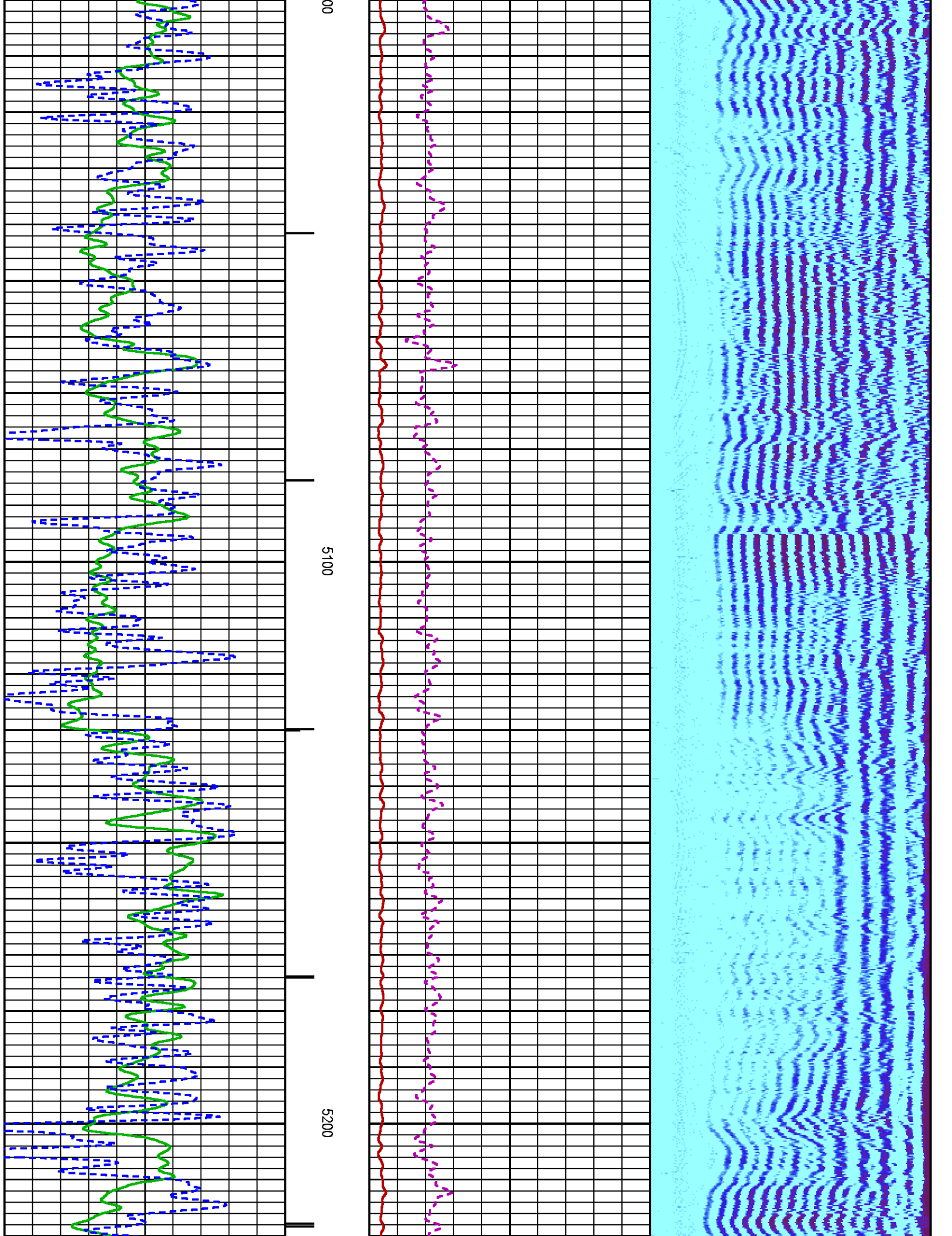


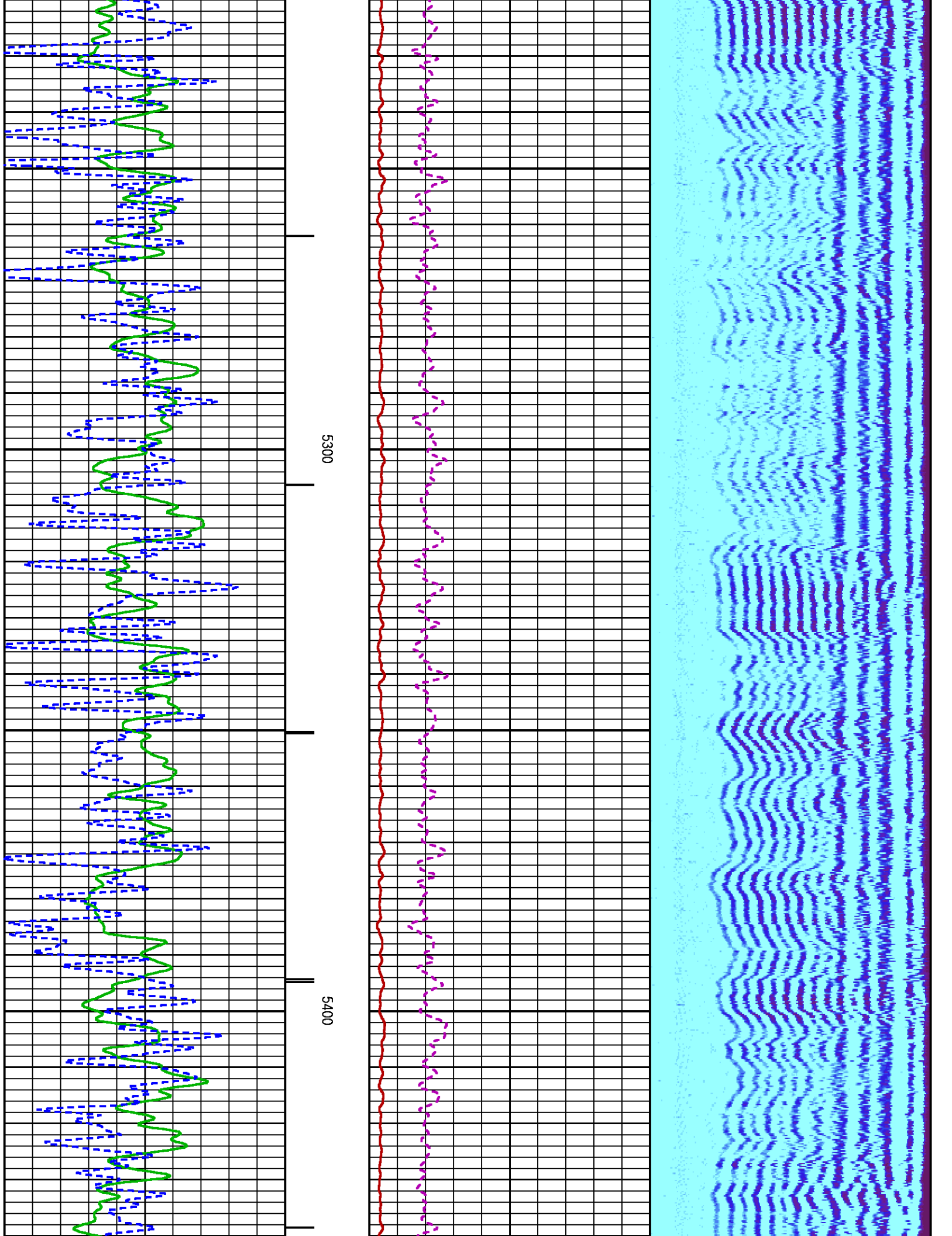


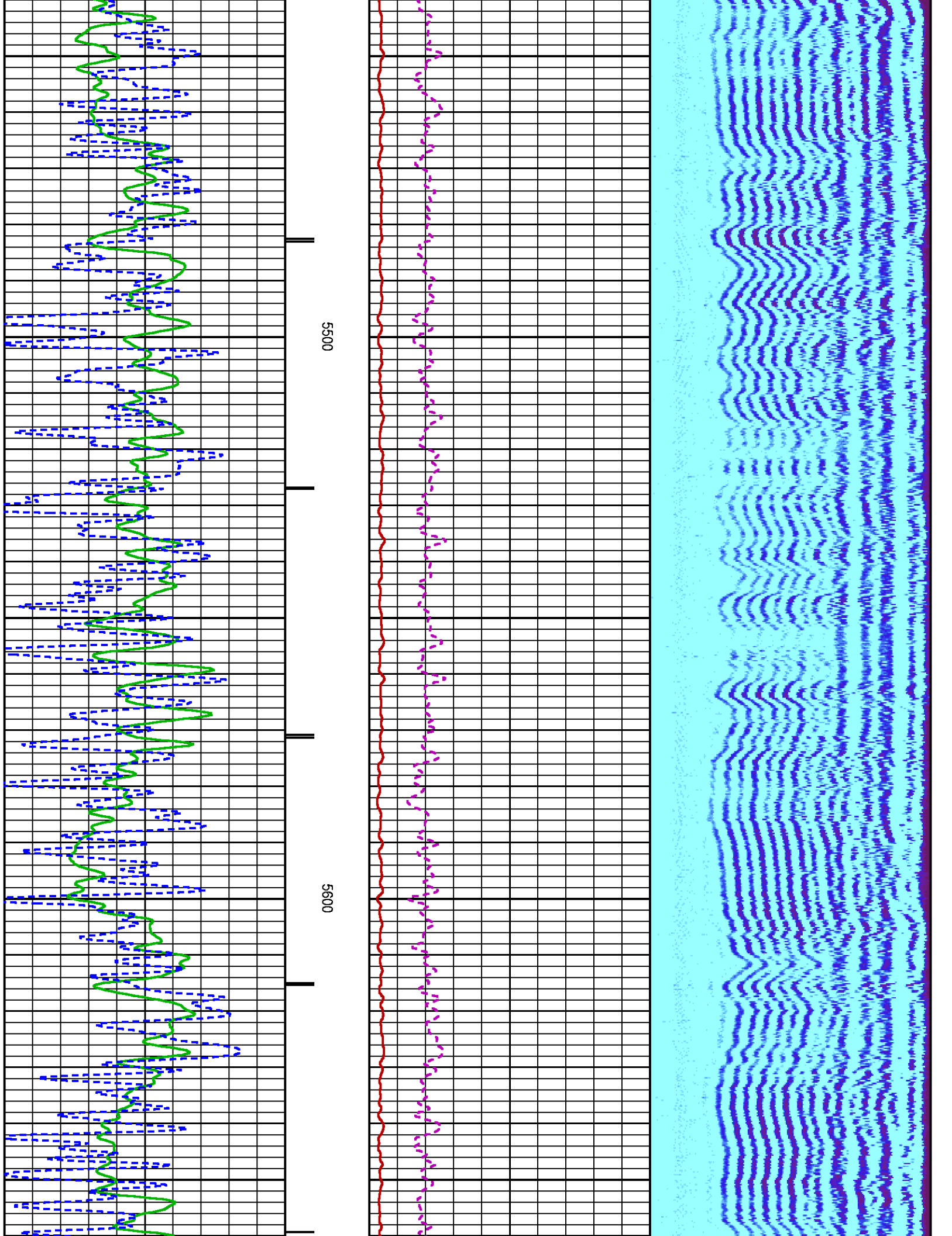


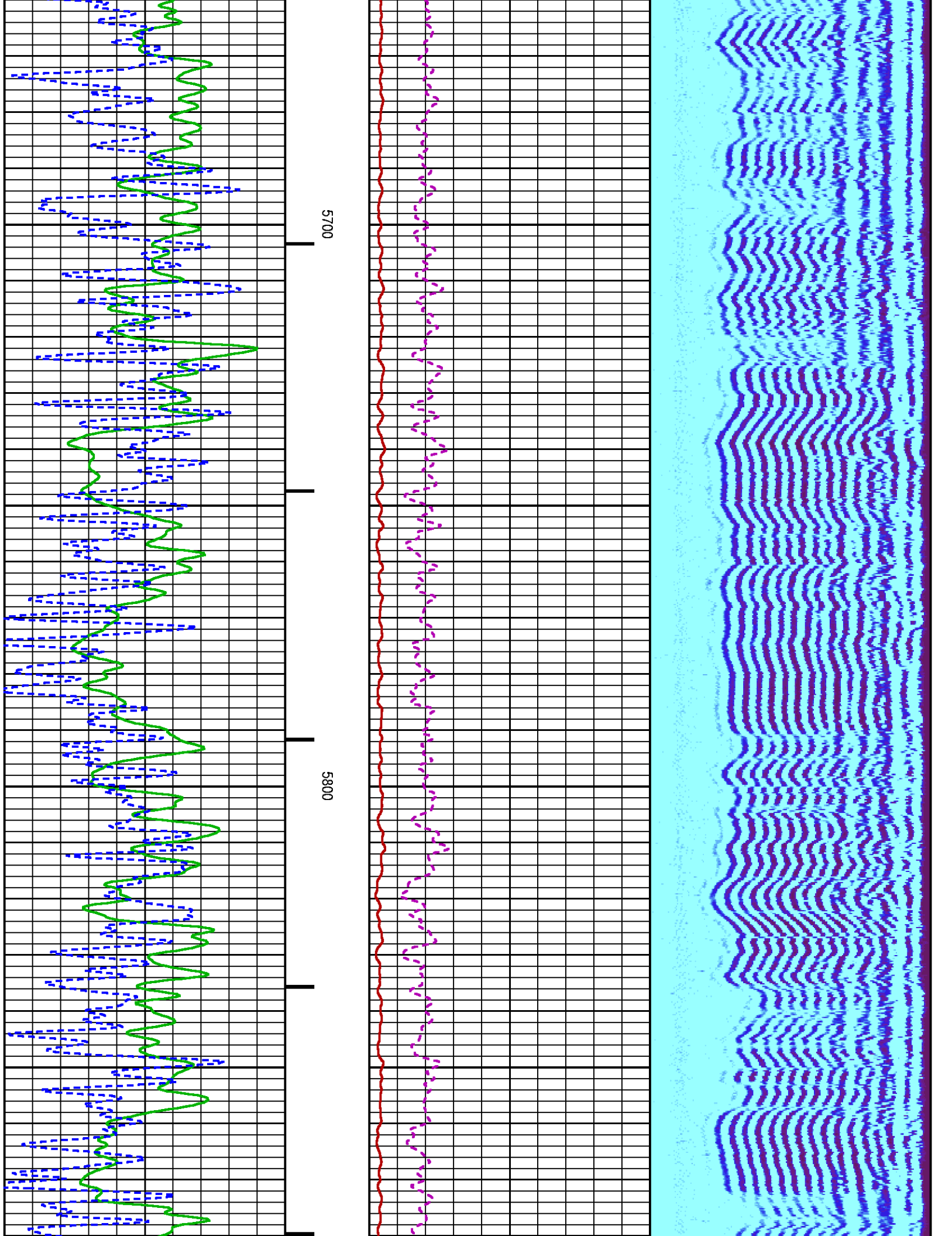


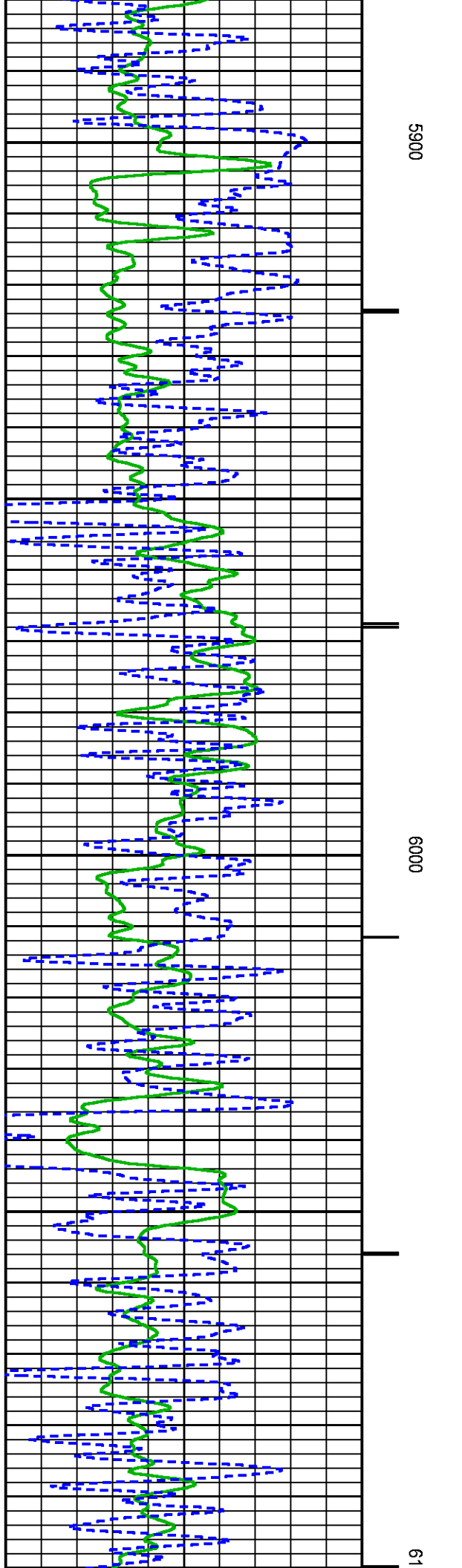
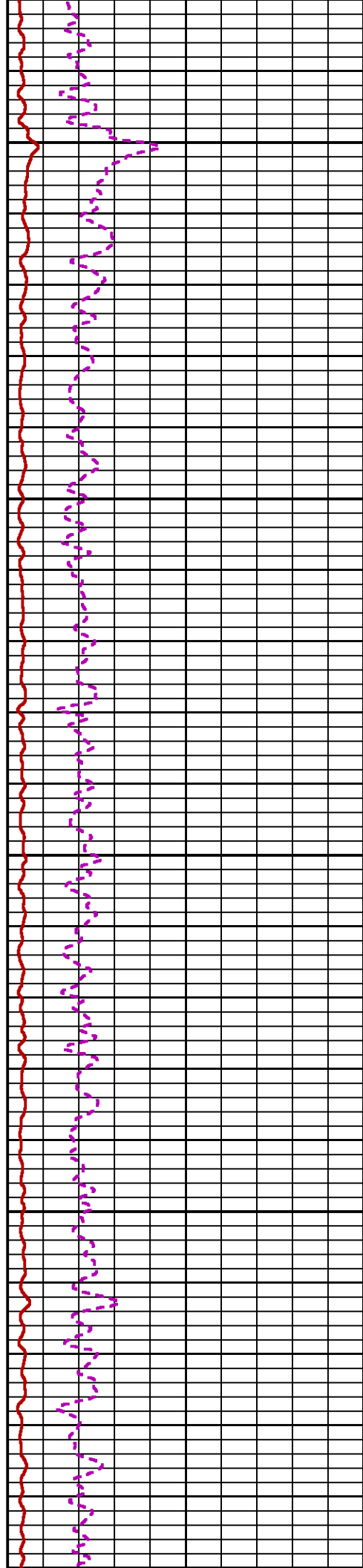
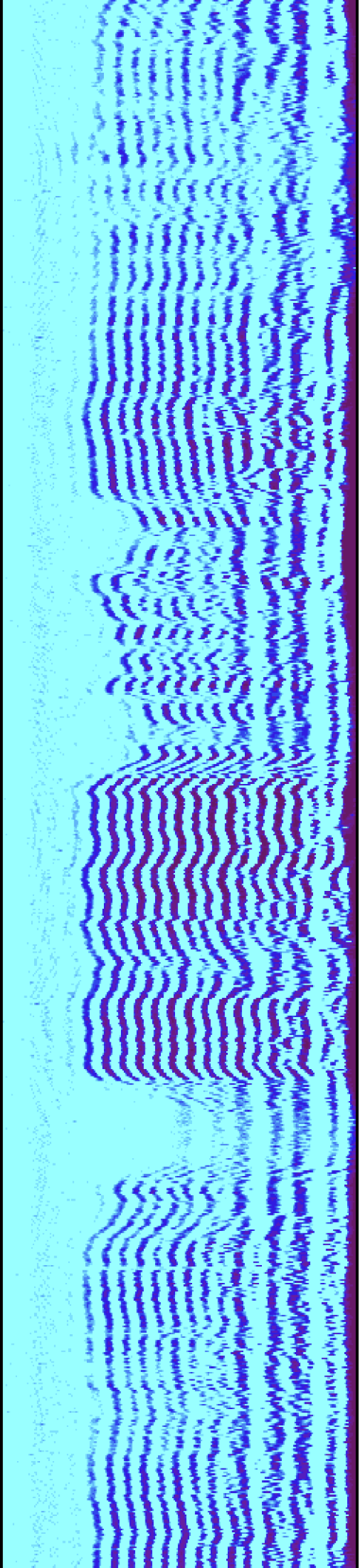


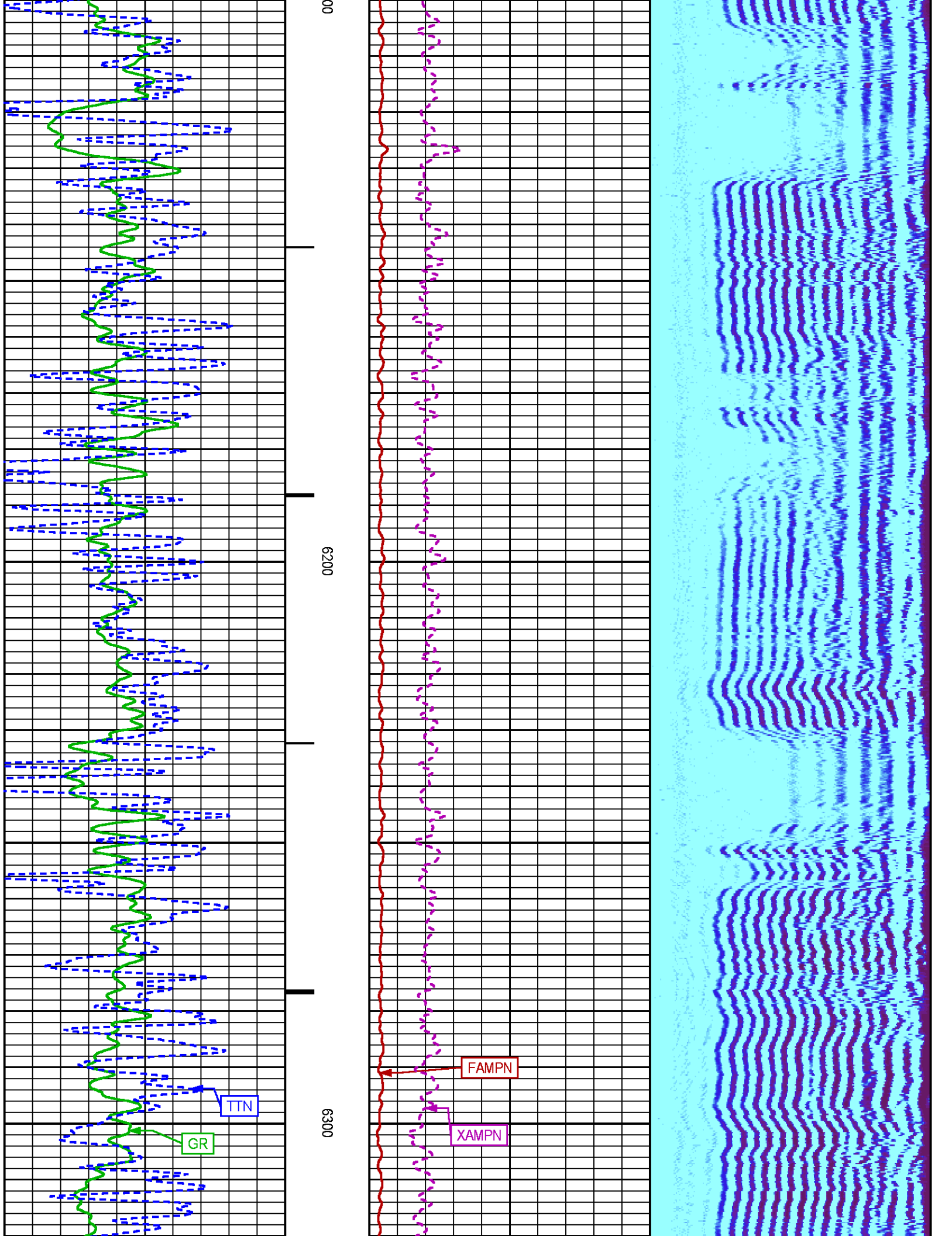


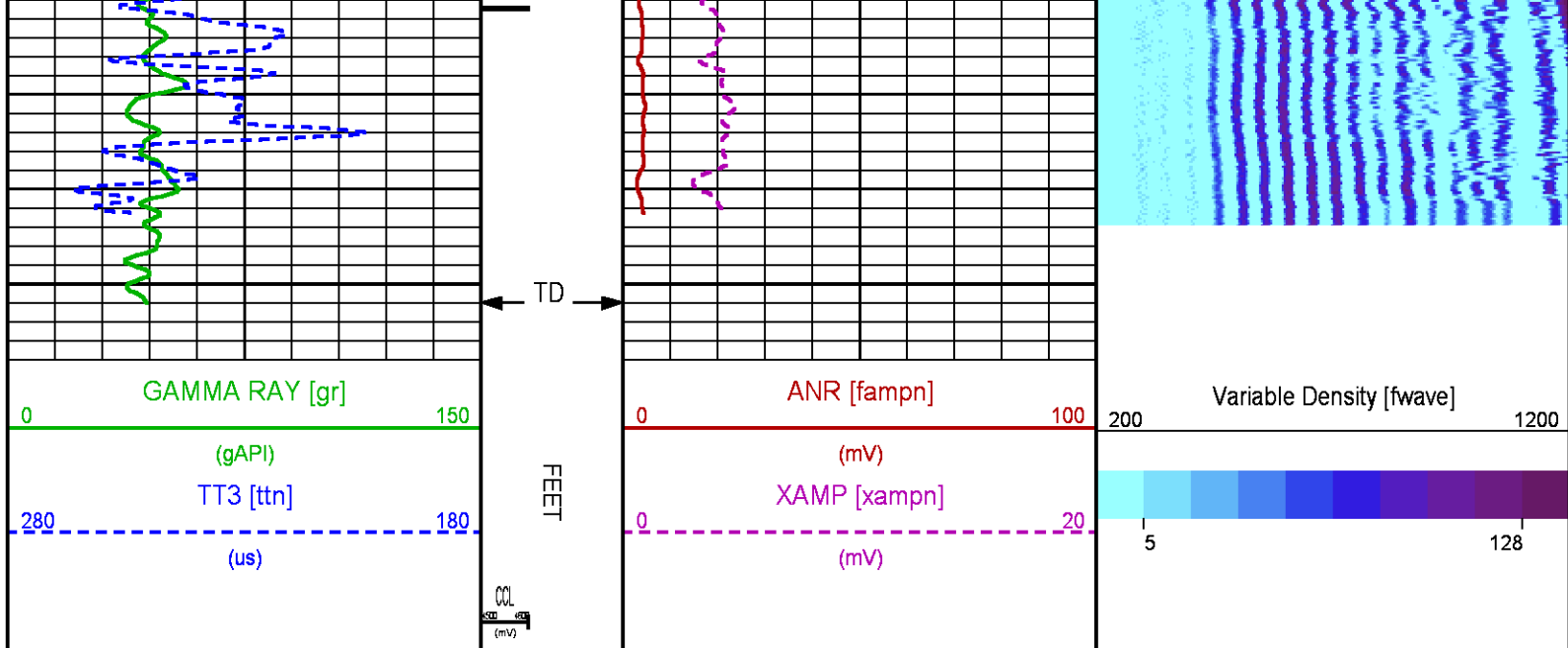












SECONDARY PRESENTATION 0 PSI

ECLIPS 6.2wu1 PC-ECLIPS General Release Rel 6.2w Update 1 Fri Apr 25 10:54:53 Central Daylight Time 2014
Updates: 46 Patches: 5

Plotted: Tue Dec 30 11:35:36 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: C:\dat1a\093777\012g02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 30.250 ft BOTTOM DEPTH: 6356.227 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*)	173	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*)	-69	us	"	"
	TOOL DELAY (str2*)	-69	us	"	"
	TOOL DELAY (str3*)	-69	us	"	"
	TOOL DELAY (str4*)	-69	us	"	"
	TOOL DELAY (str5*)	-69	us	"	"
	TOOL DELAY (str6*)	-69	us	"	"
	TOOL DELAY (str7*)	-69	us	"	"
	TOOL DELAY (str8*)	-69	us	"	"
	TOOL DELAY (strn*)	-69	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	131	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

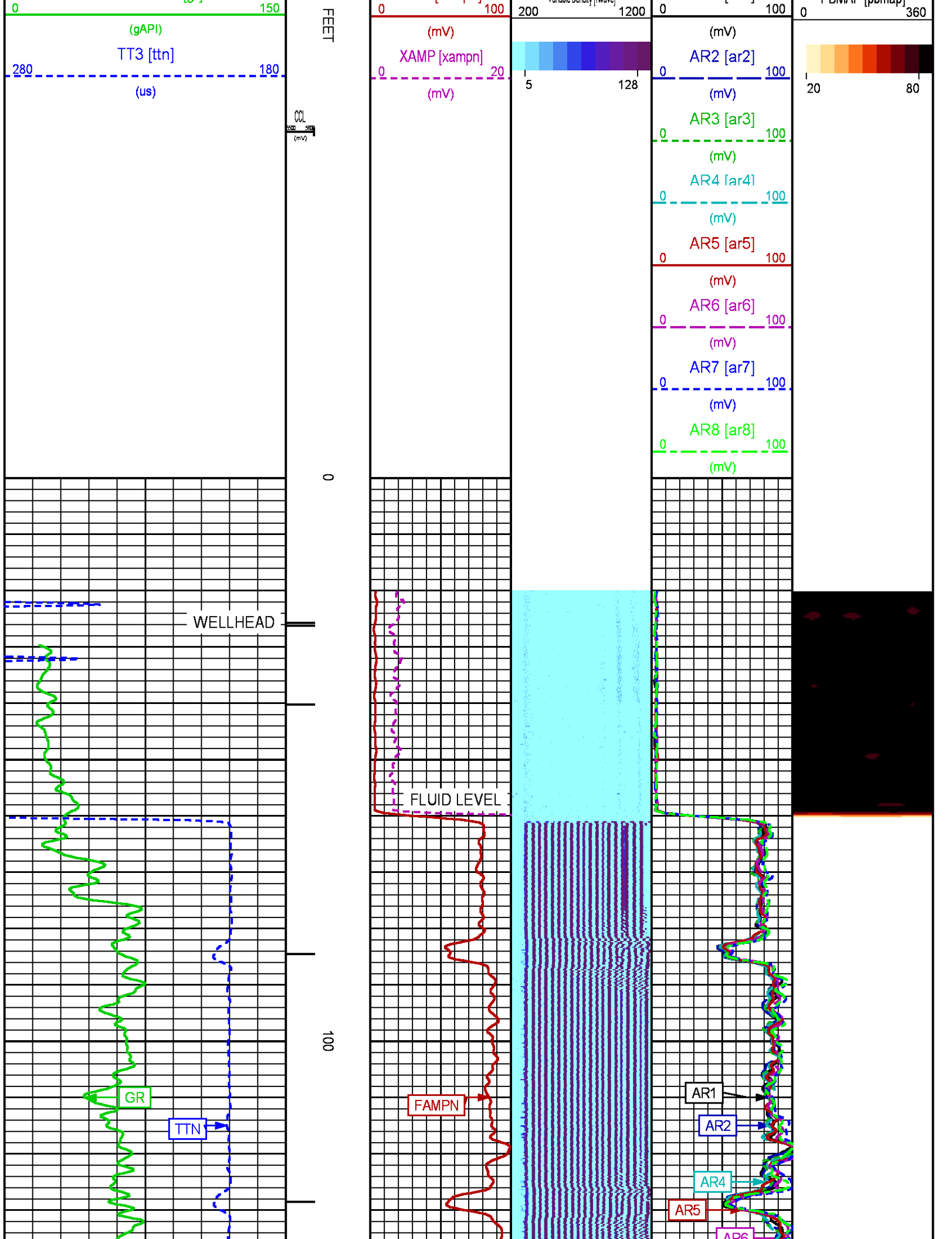
PERCENT BOND CEMENT MAP					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
RAL FREE PIPE AMPLITUDE	FREE AMP REC 1	80	mV	TOP	BOTTOM
	FREE AMP REC 2	80	mV	"	"
	FREE AMP REC 3	80	mV	"	"
	FREE AMP REC 4	80	mV	"	"
	FREE AMP REC 5	80	mV	"	"
	FREE AMP REC 6	80	mV	"	"
	FREE AMP REC 7	80	mV	"	"
	FREE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

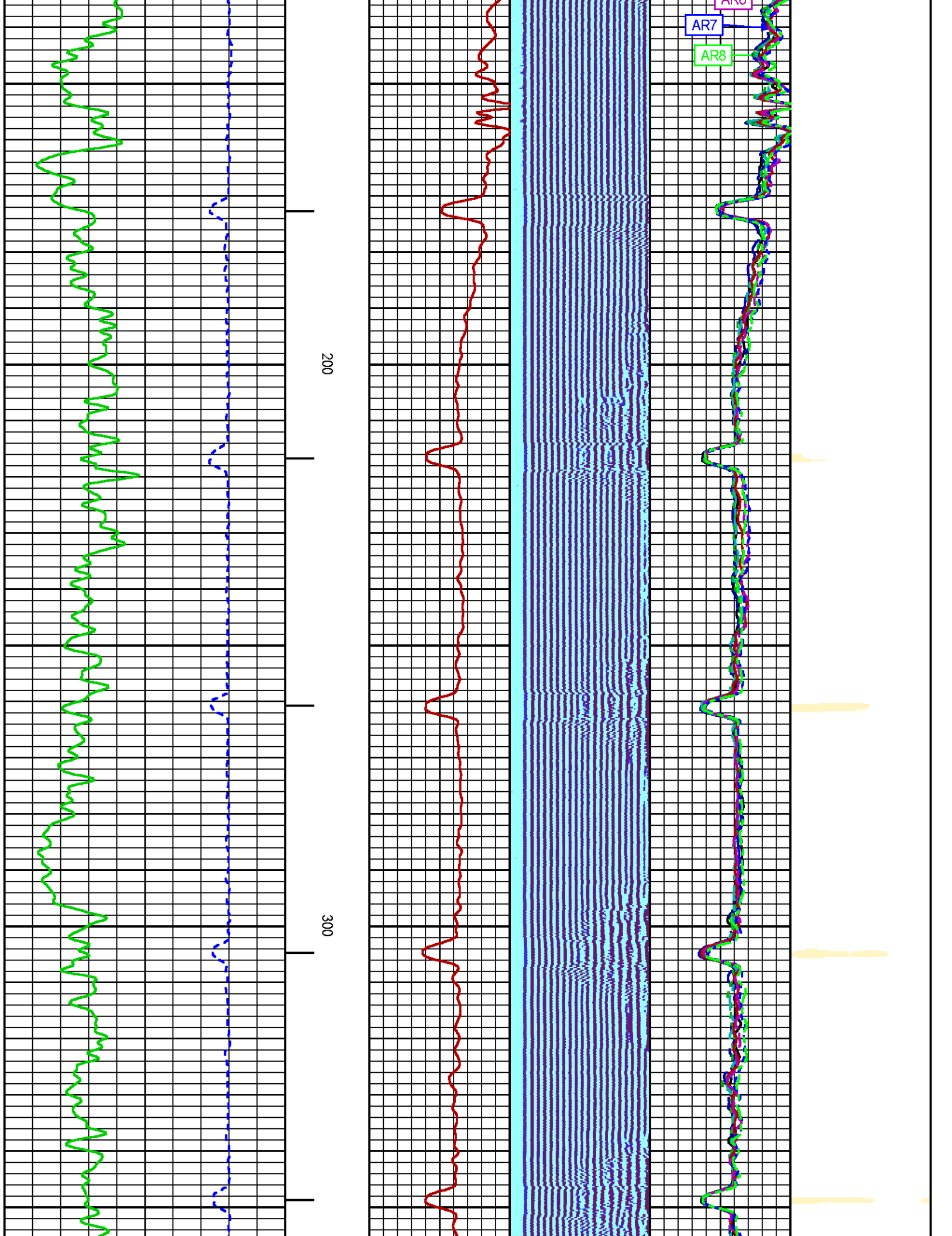
CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE T-R1
F1:AR2	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE T-R2
F1:AR3	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE T-R3
F1:AR4	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE T-R4
F1:AR5	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE T-R5
F1:AR6	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE T-R6
F1:AR7	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE T-R7
F1:AR8	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE T-R8
F1:CCL	Dec 30 09:11:22 2014	CASING COLLAR LOCATOR
F1:FAMPN	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Dec 30 09:11:22 2014	FAR WAVE FORM
F1:GR	Dec 30 09:11:22 2014	GAMMA RAY
F1:PBMAP	Dec 30 09:11:22 2014	PERCENT BOND CEMENT MAP
F1:TTN	Dec 30 09:11:22 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Dec 30 09:11:22 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

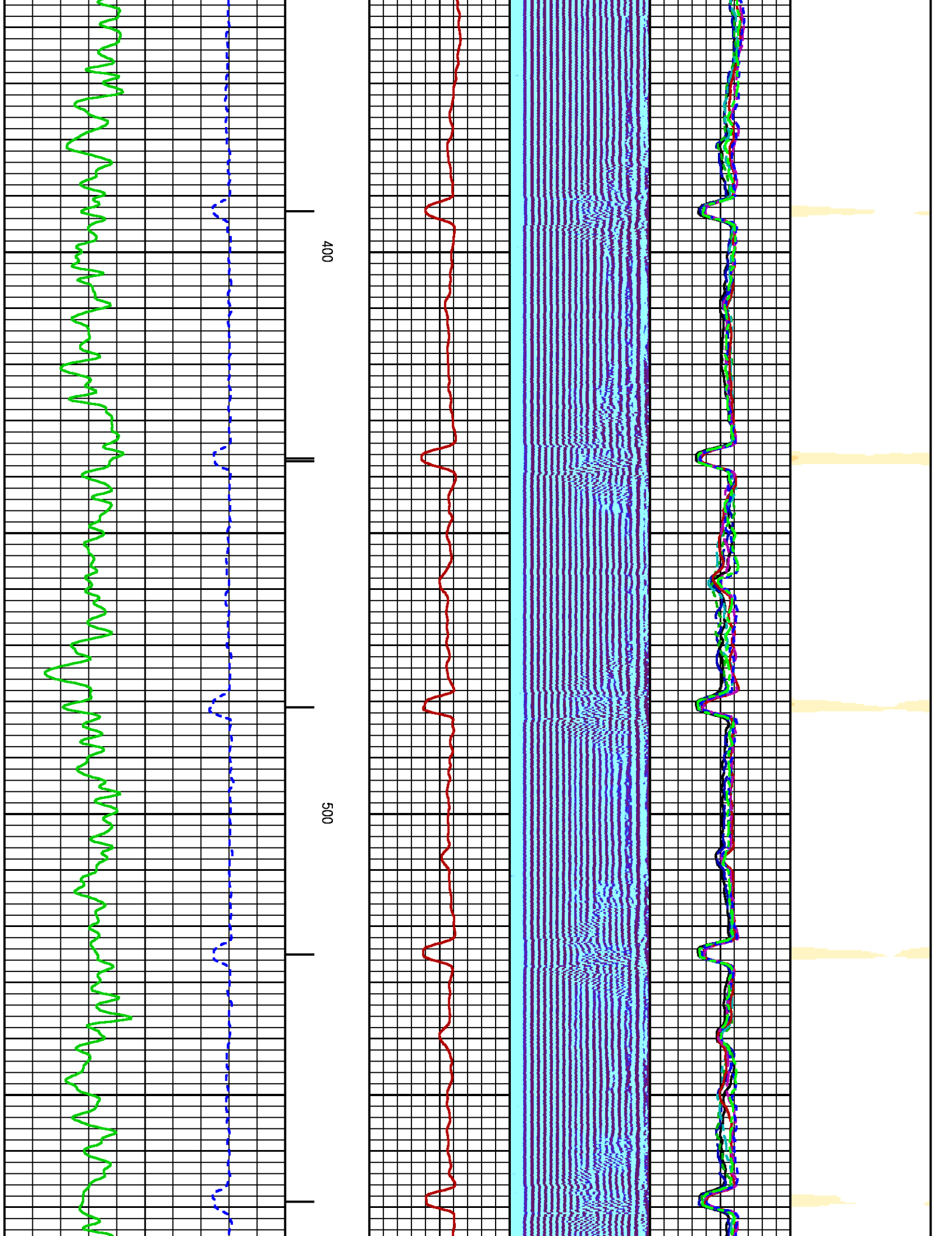
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	11.25	AR5	11.25	CCL	5.75	XAMPN	11.25
AR2	11.25	AR6	11.25	FAMPN	11.25		
AR3	11.25	AR7	11.25	GR	1.75		
AR4	11.25	AR8	11.25	TTN	11.25		

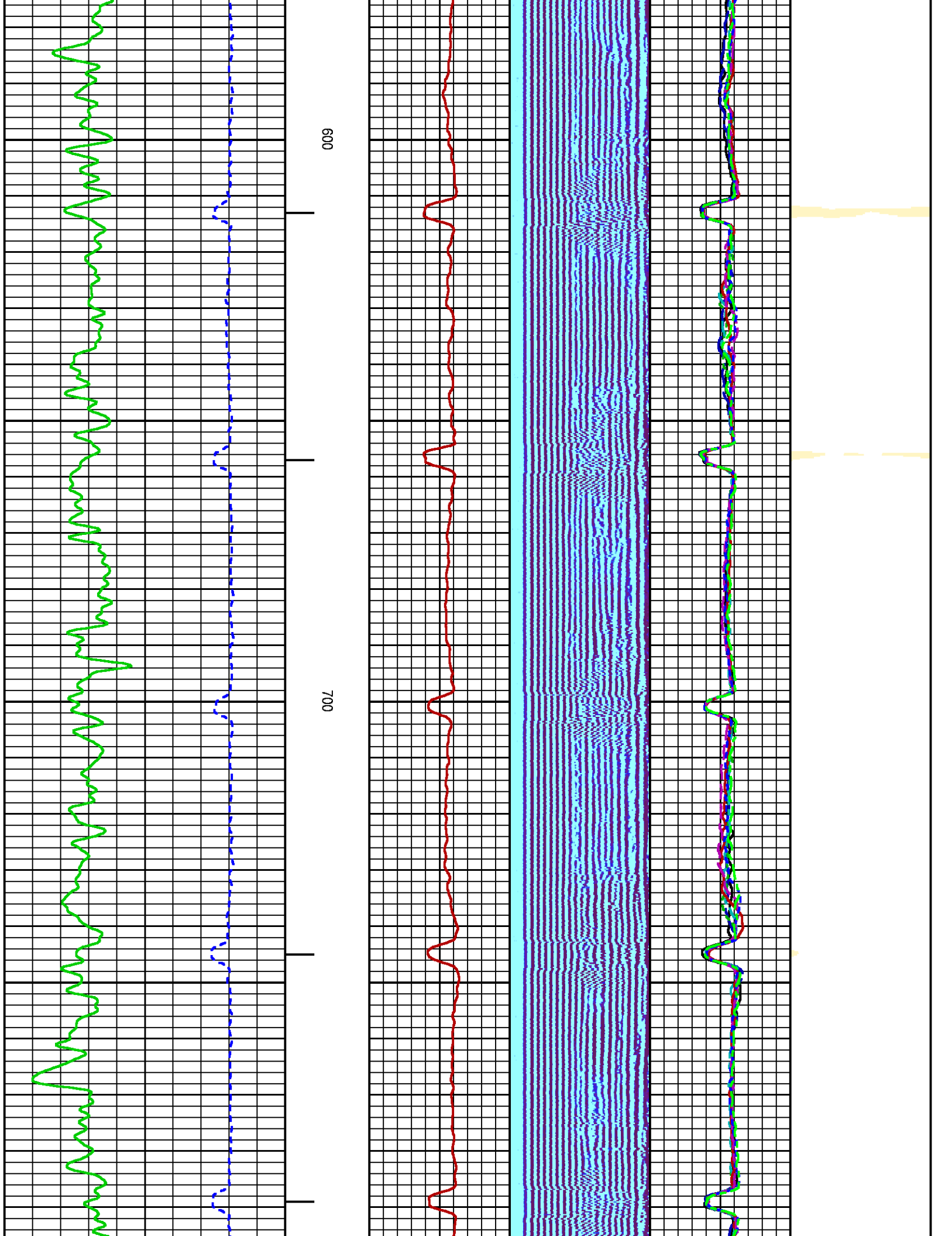
Presentation	: BHUGHES-06627:C:\dat1a\093777\531\CBL_SECONDARY.fvpdf [5"/100' Scale]
Plot Interval	: 0 - 6357 Feet
Data File 1	: F1 : BHUGHES-06627:C:\dat1a\093777\531_CBL_MAIN.xtf
Created On	: Dec 30 09:11:22 2014
Company	: WPX ENERGY
Well	: GM 531-12
Field	: GRAND VALLEY
File Interval	: 19 - 6355 Feet
OCT	: n012g

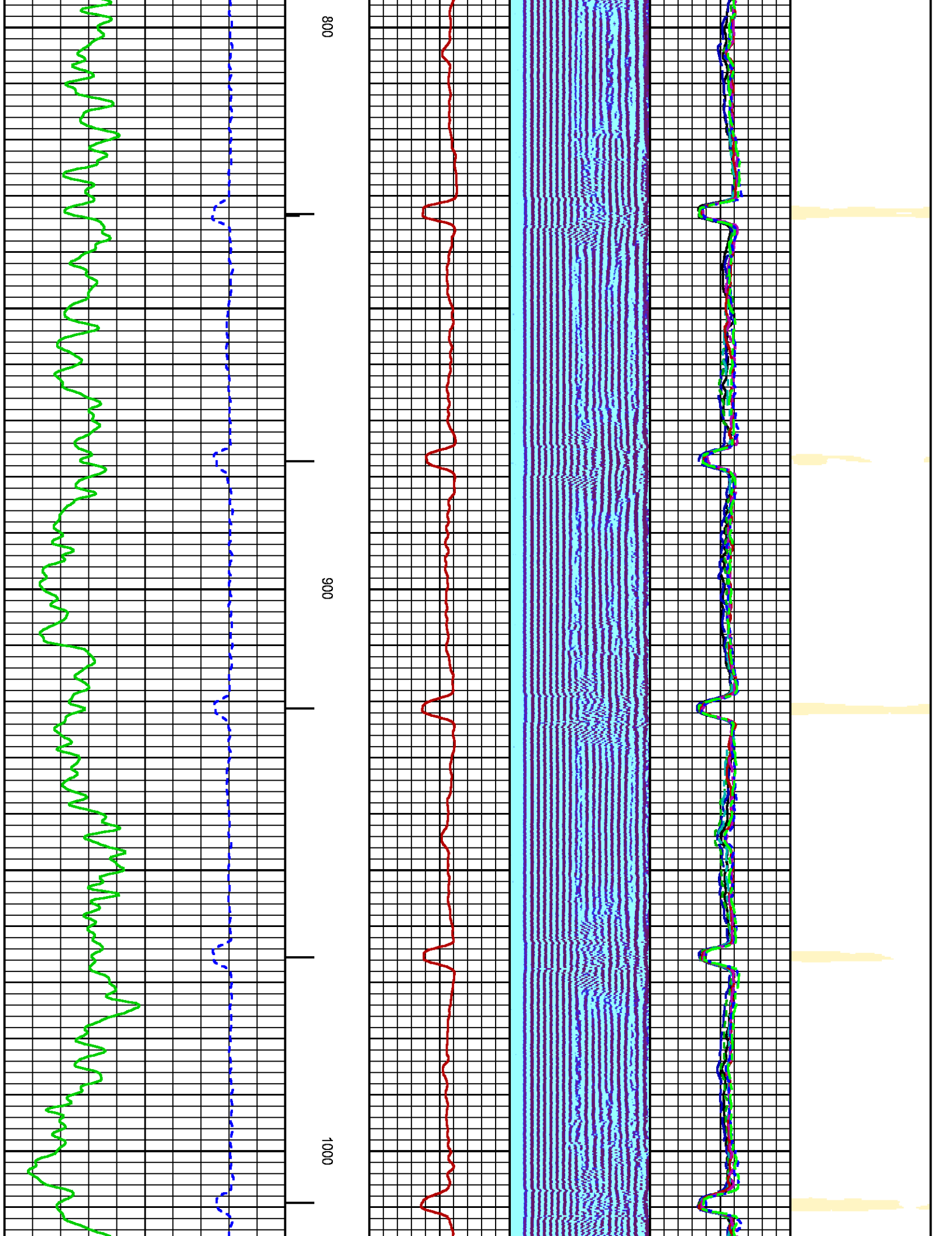
GAMMA RAY [gr]		ANR [fampn]	Variable Density [fwave]	AR1 [ar1]	PRMAP [nhman]
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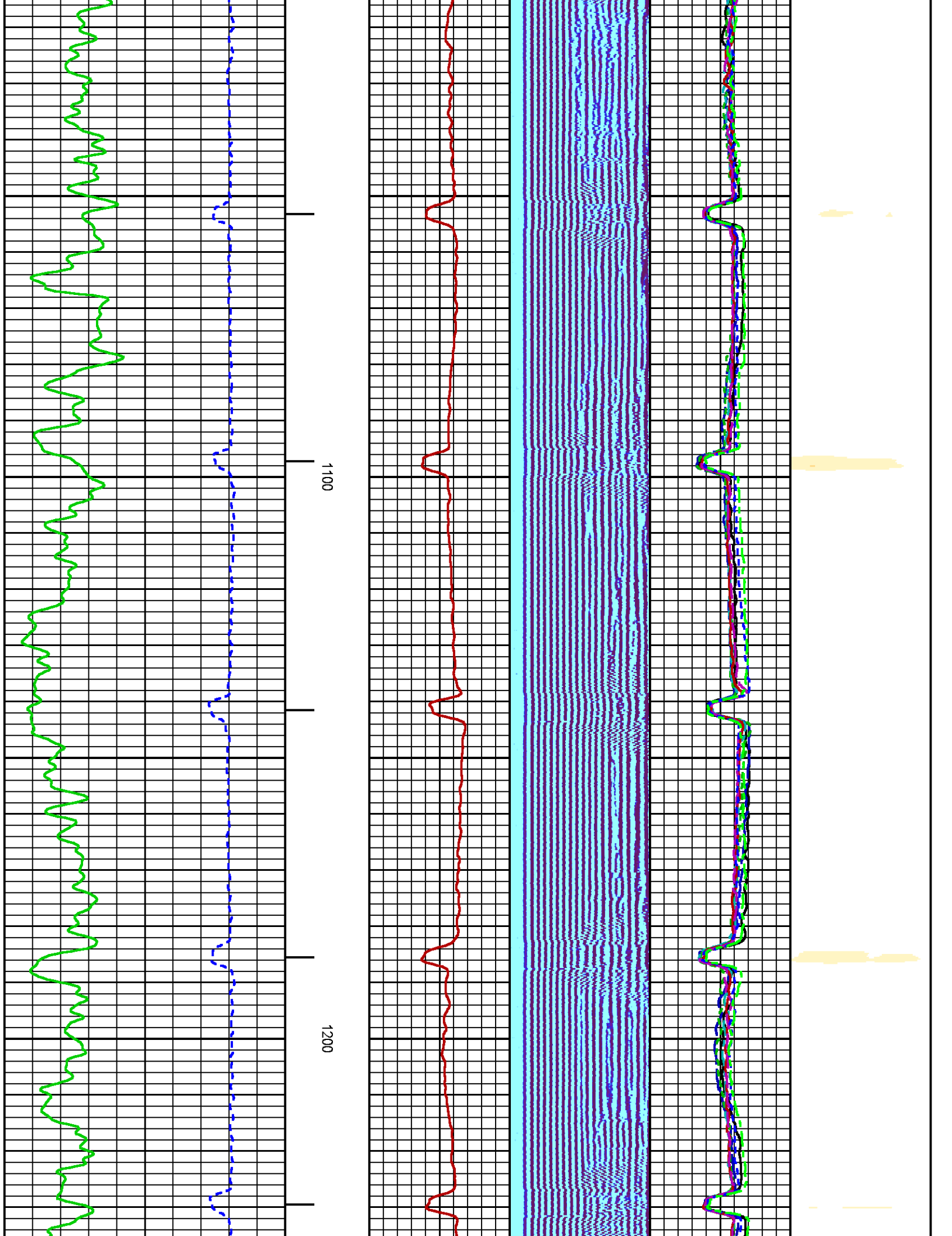


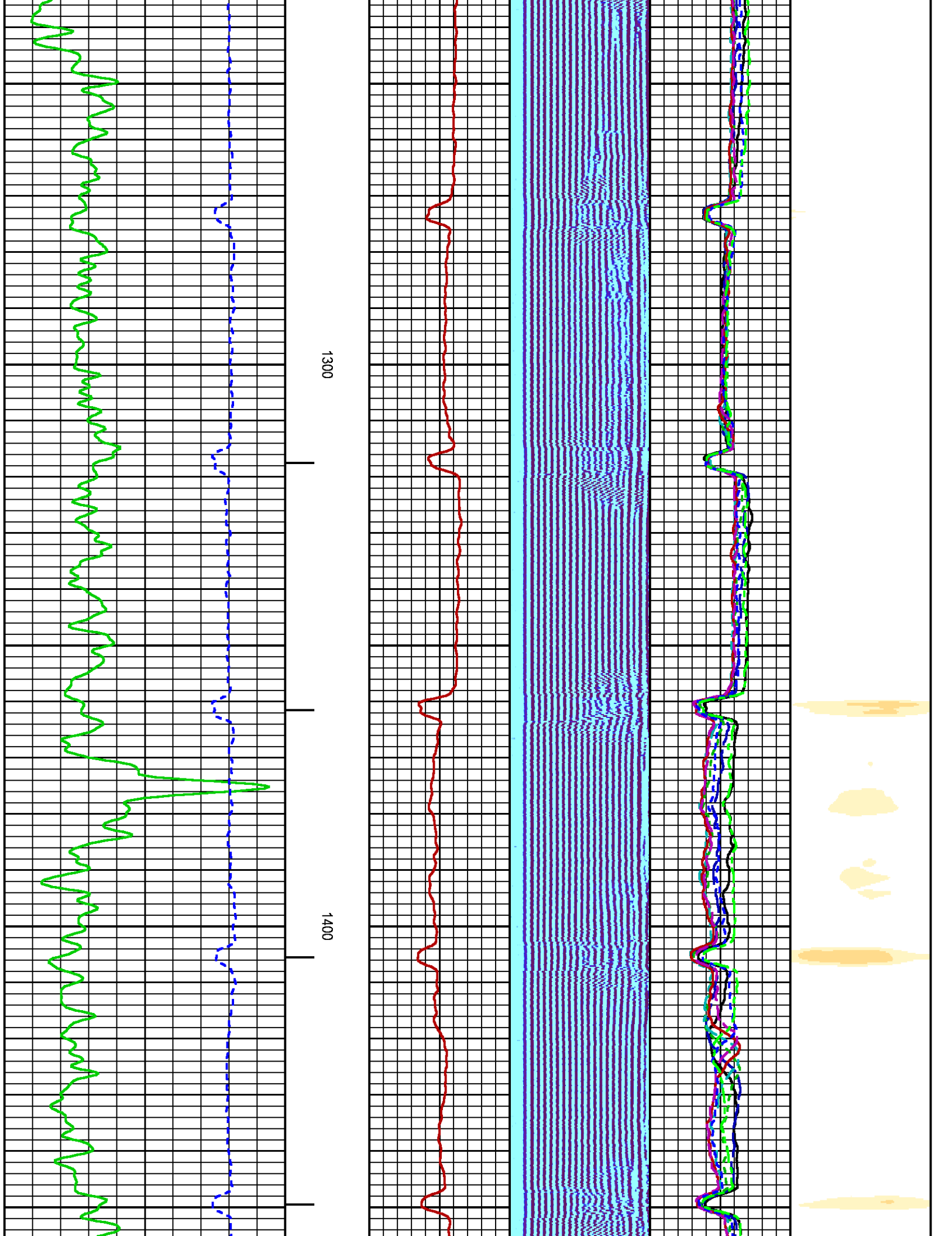


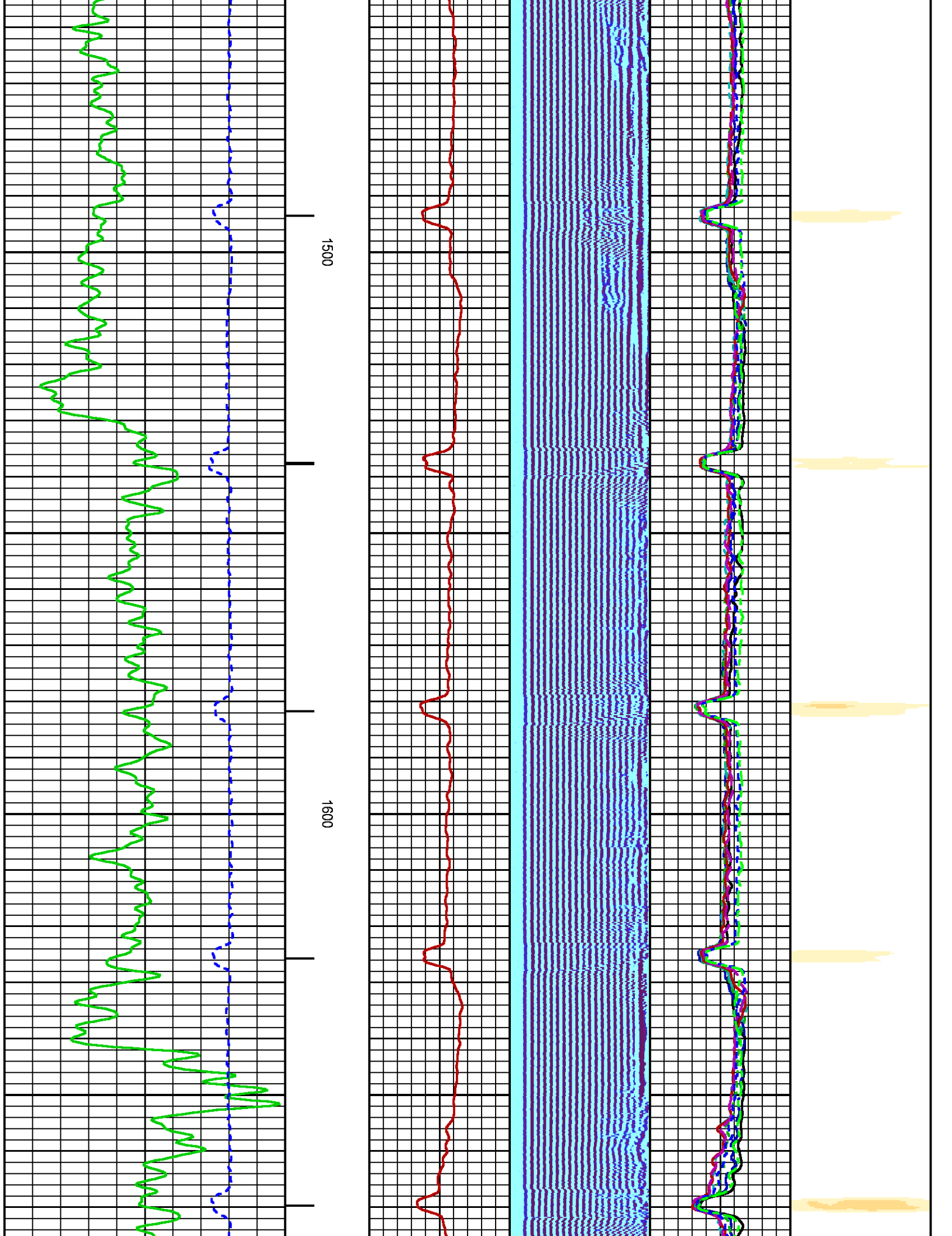


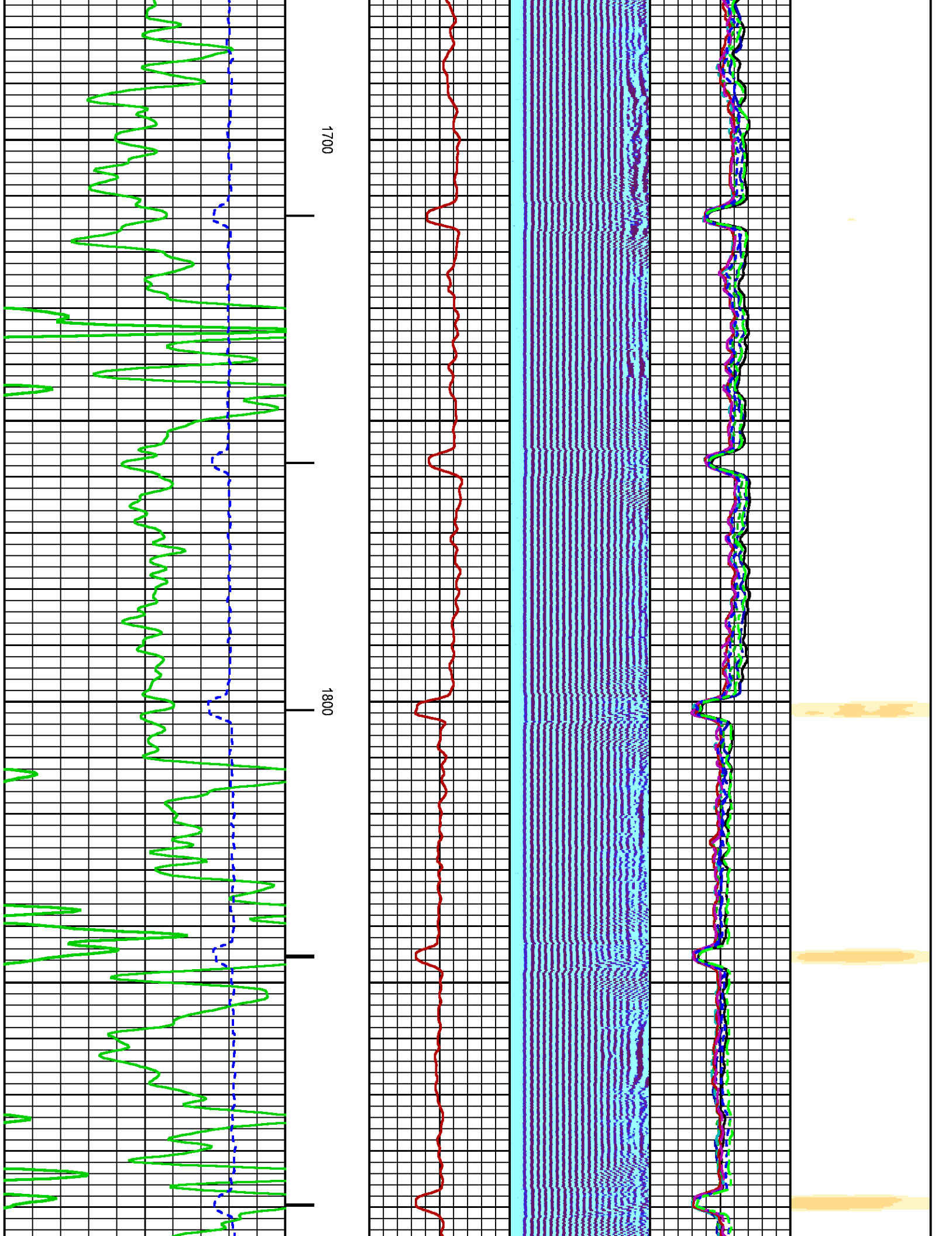


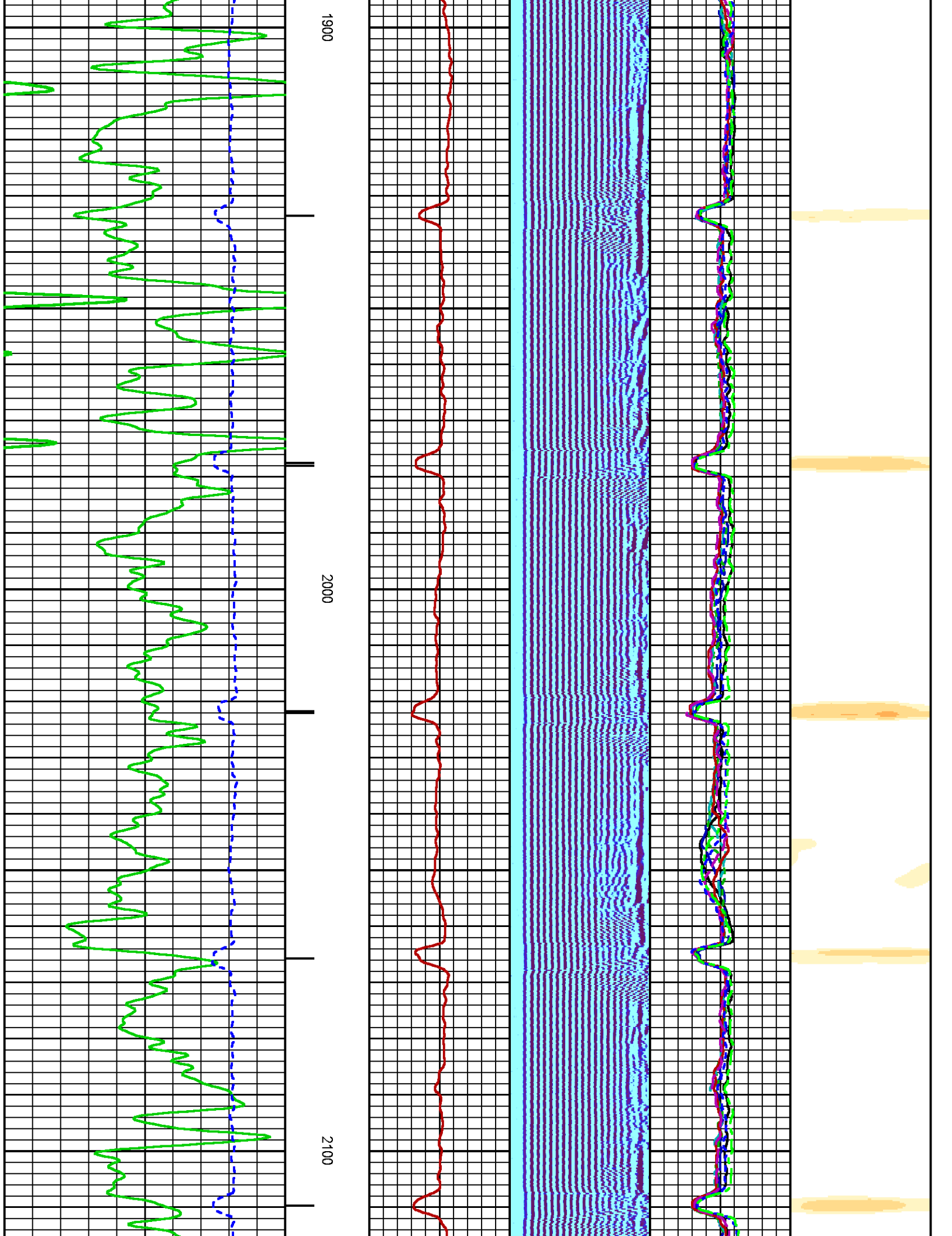


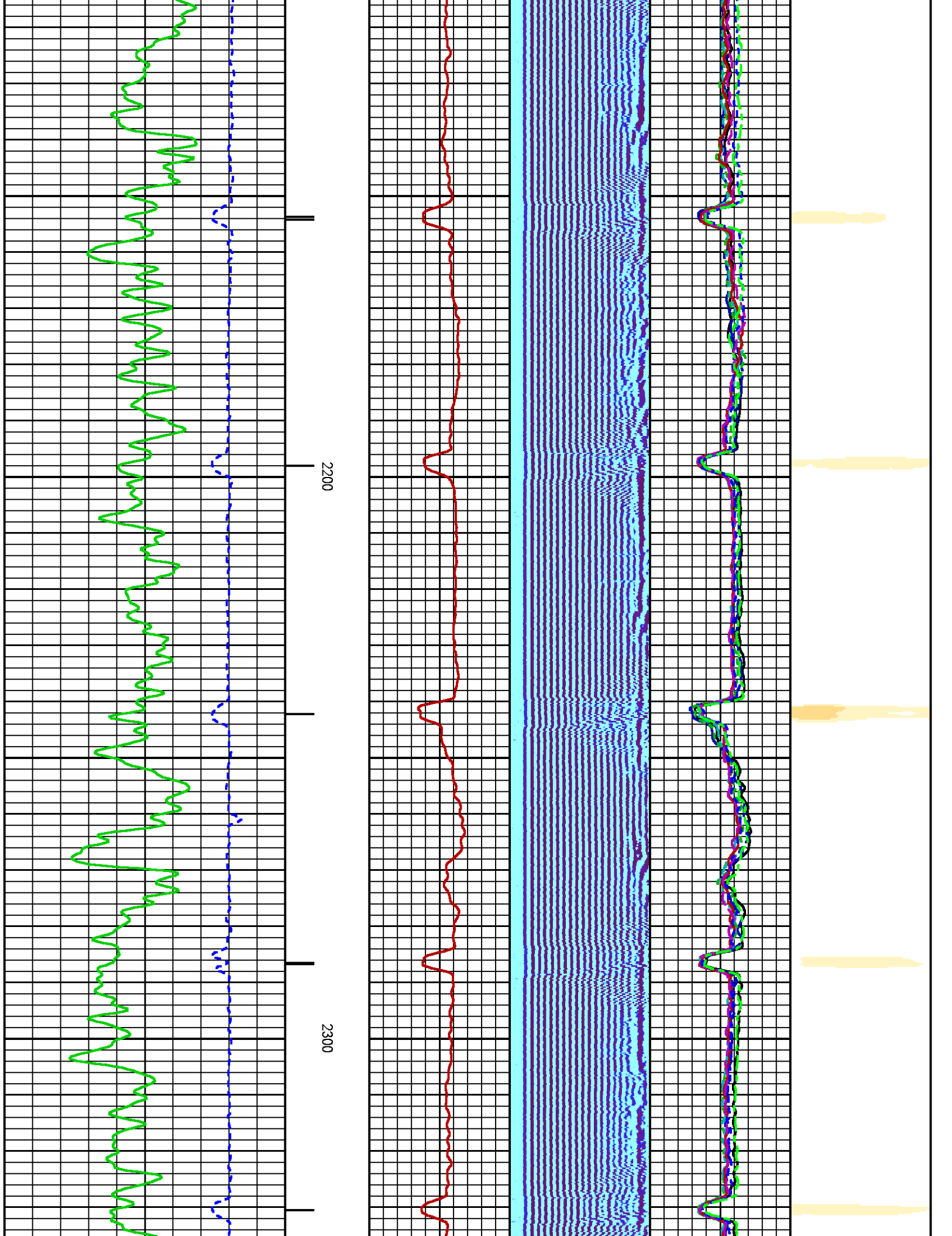


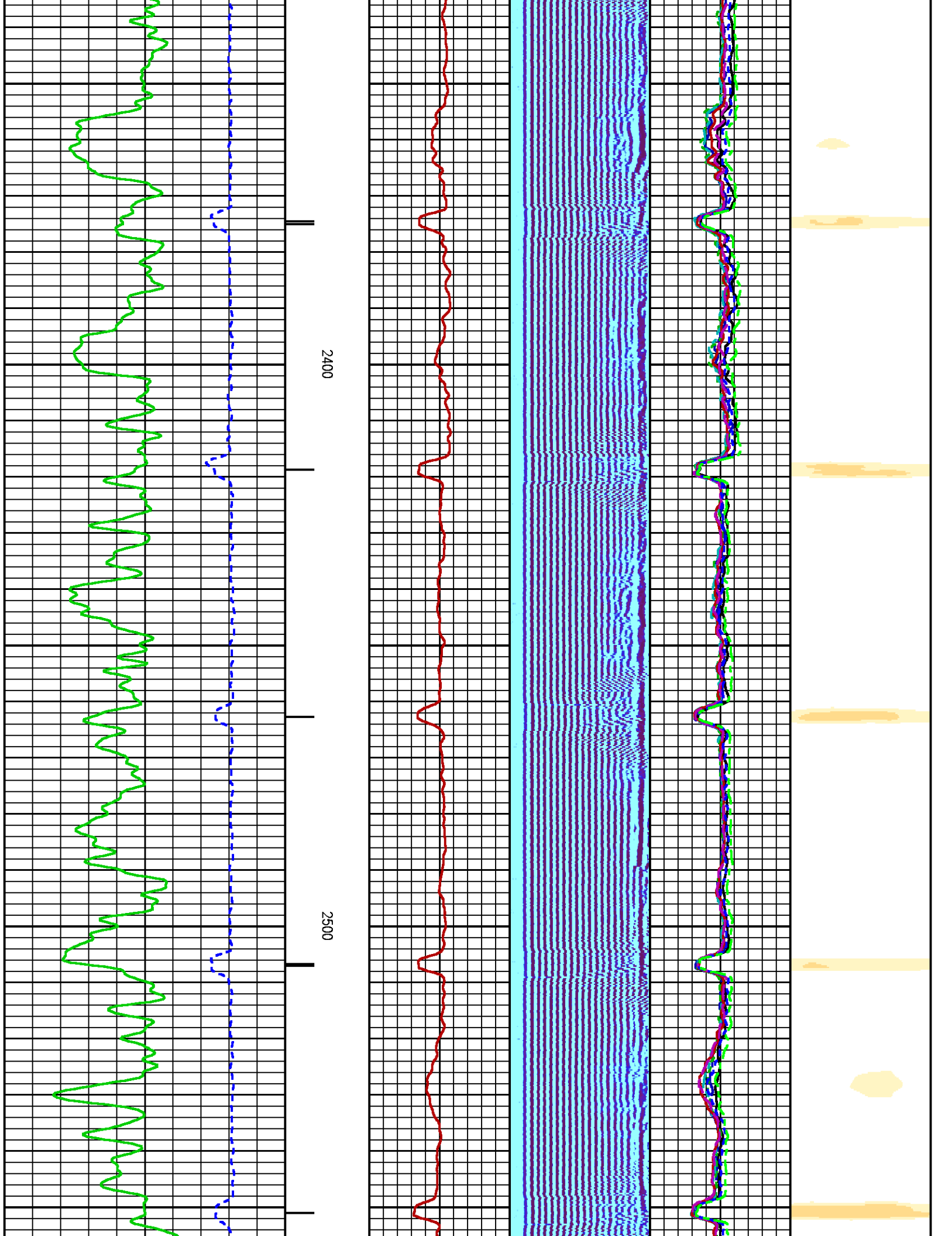


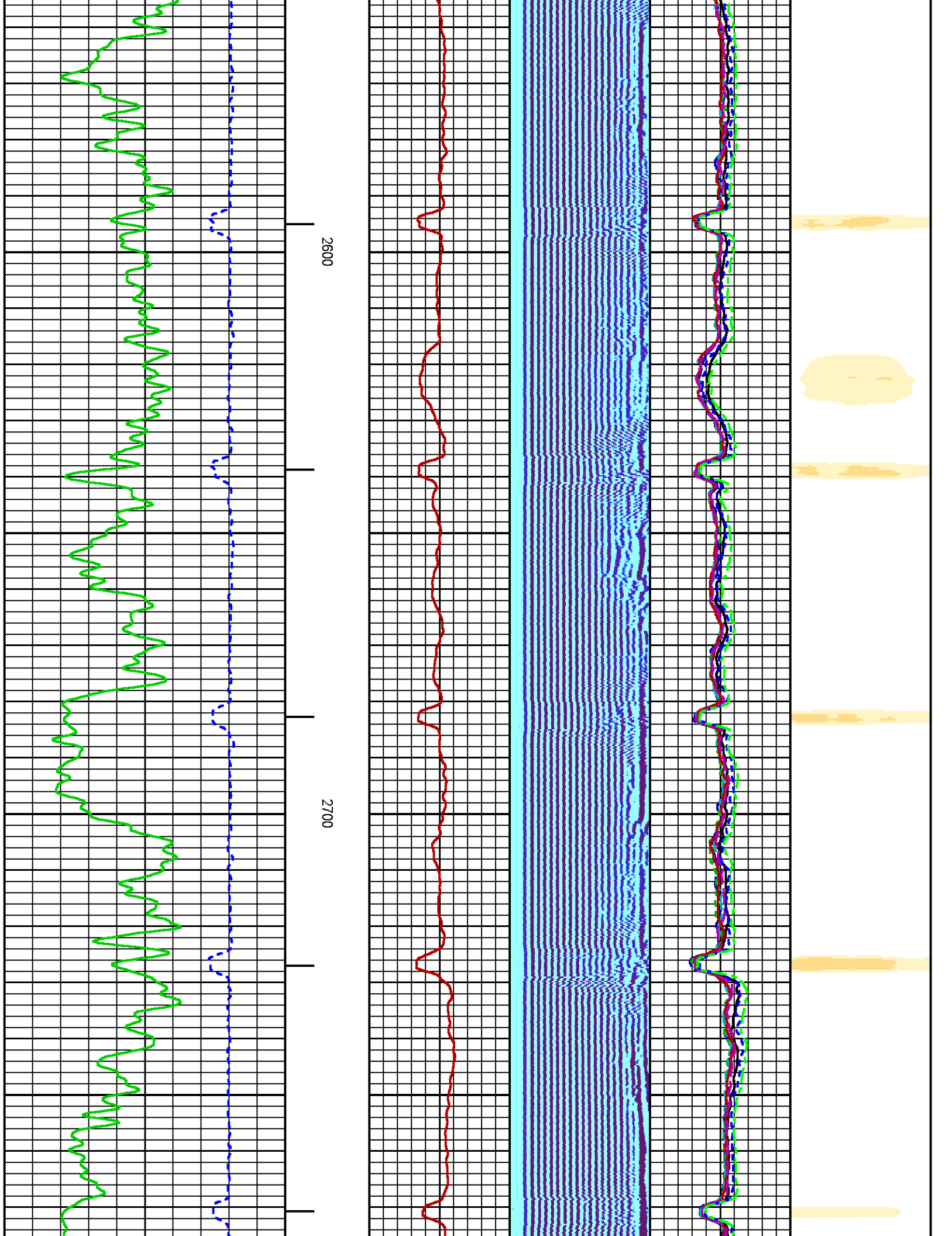


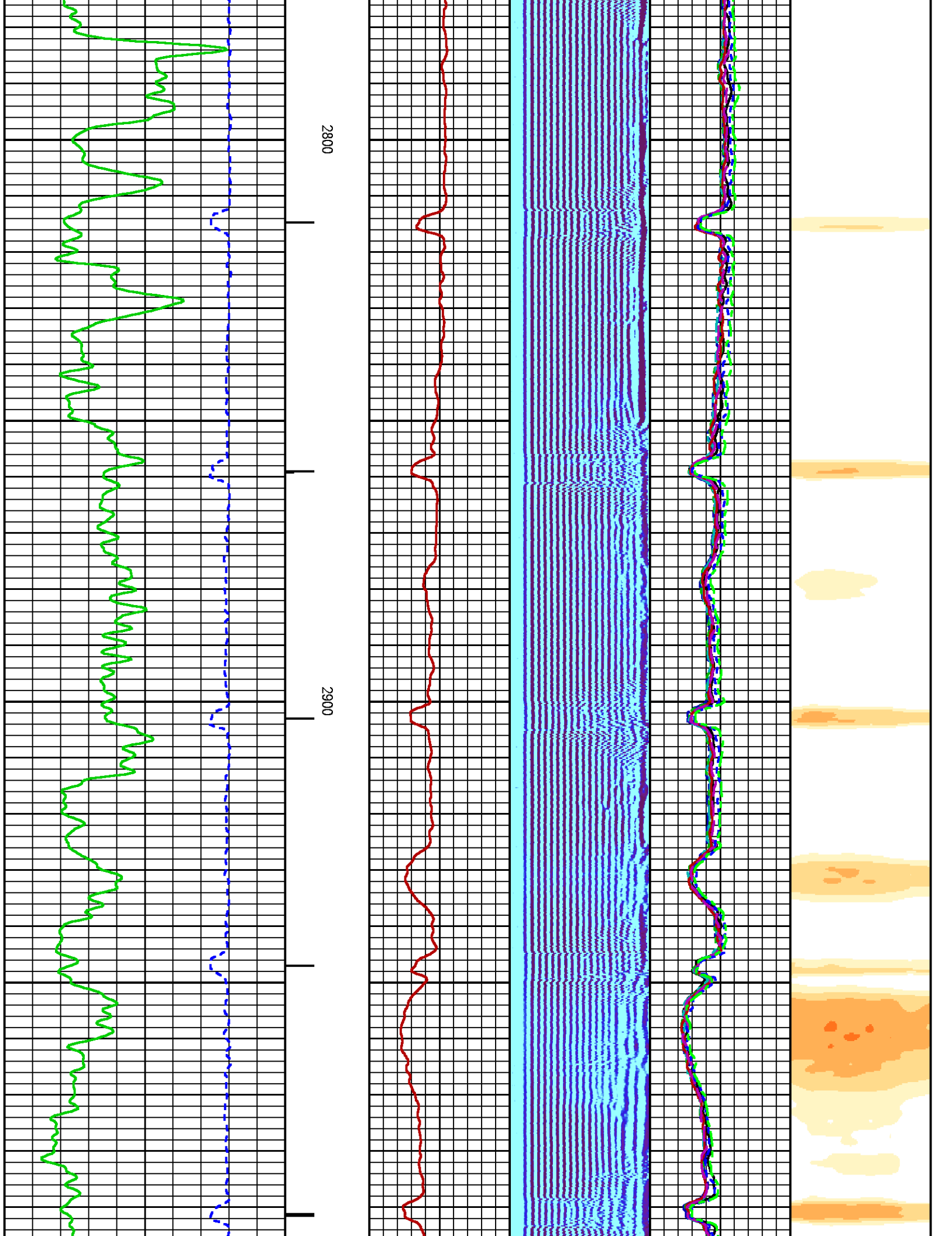


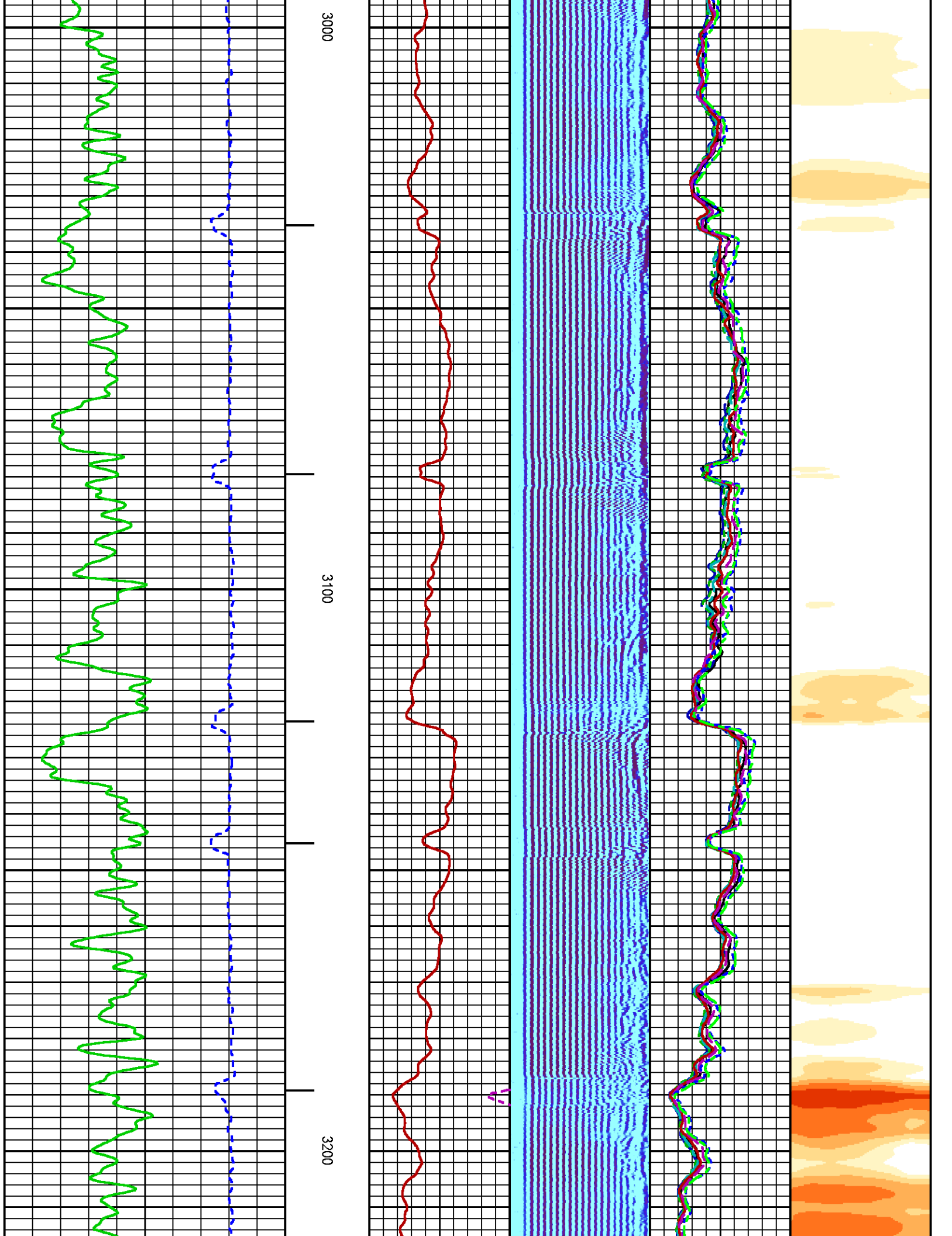


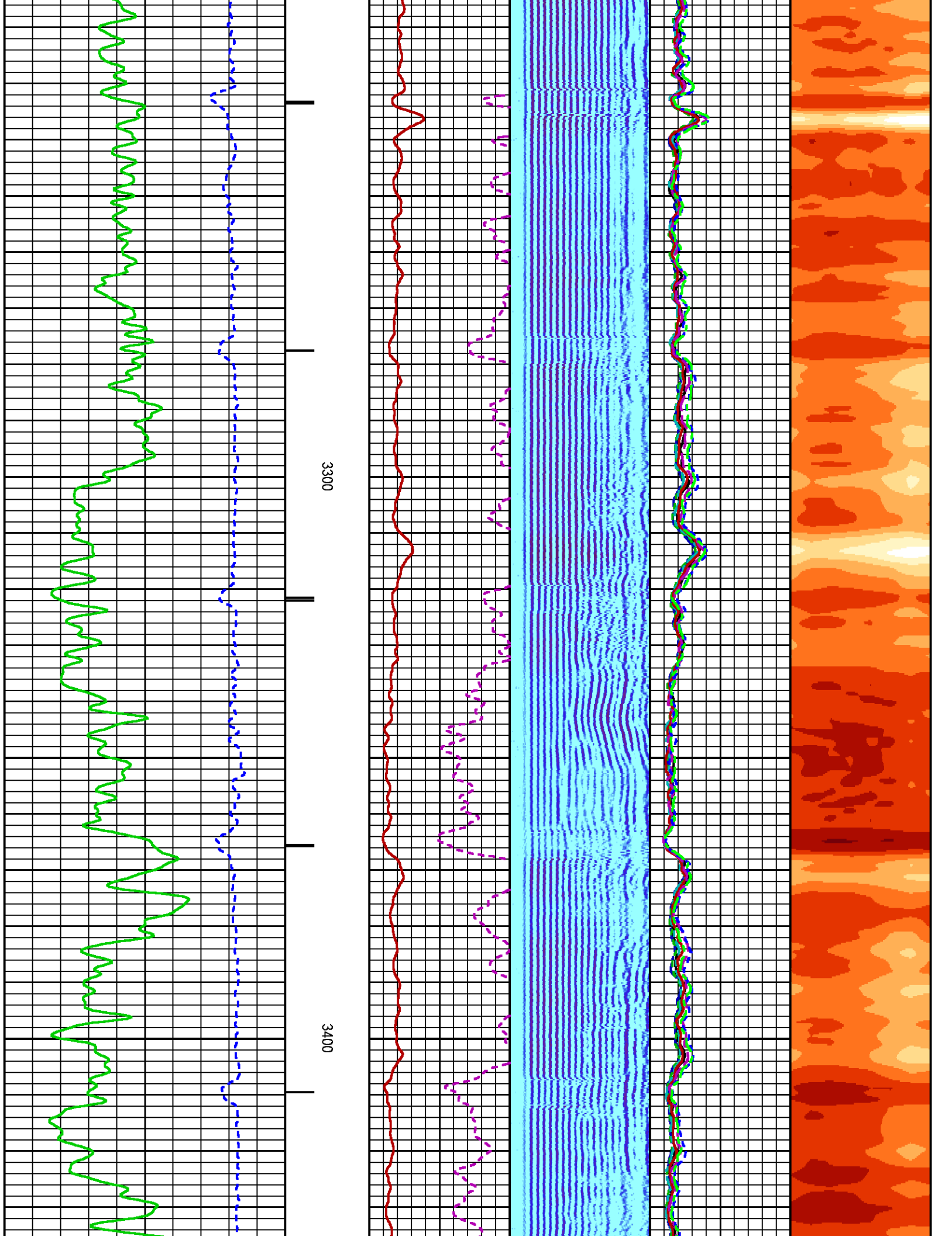


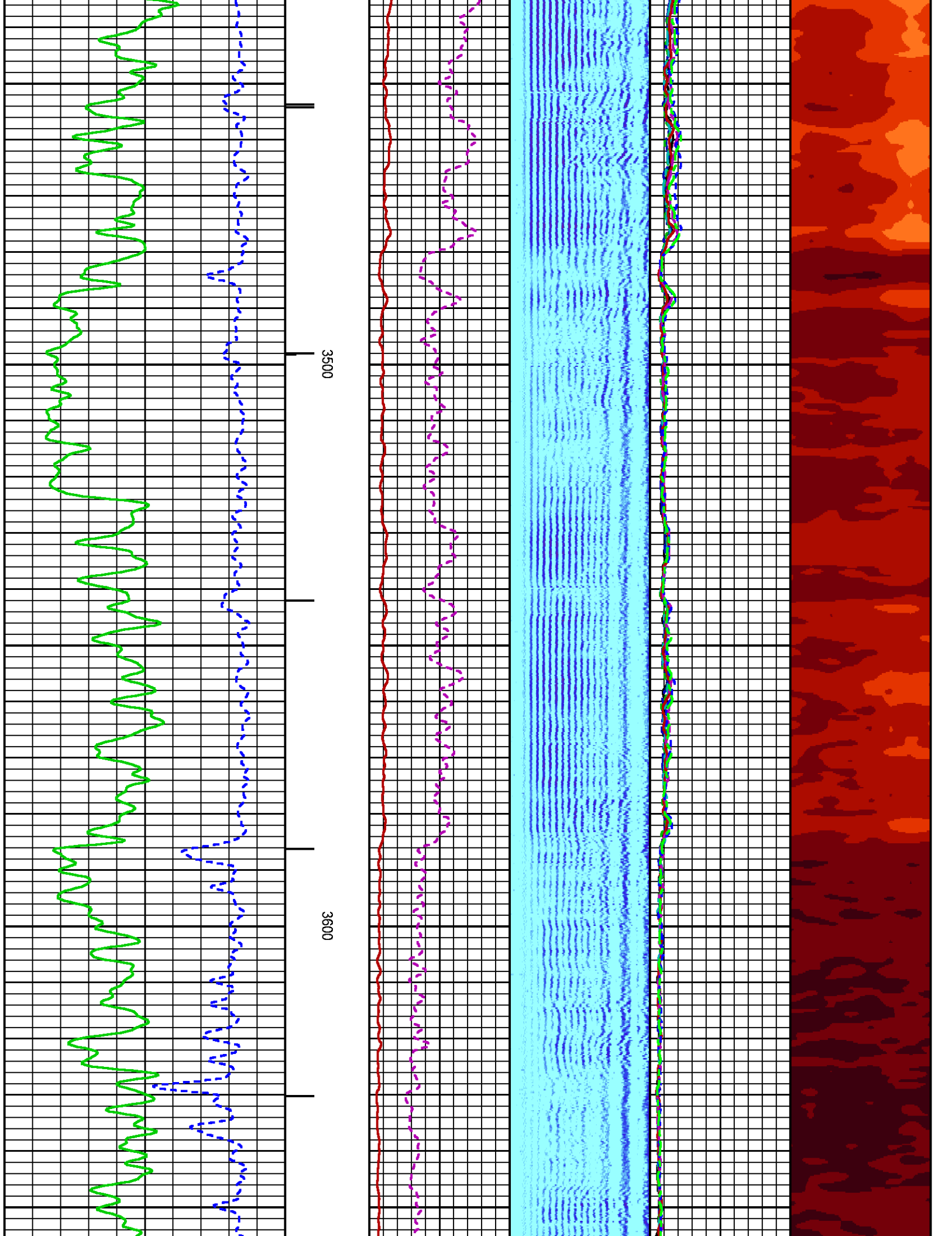


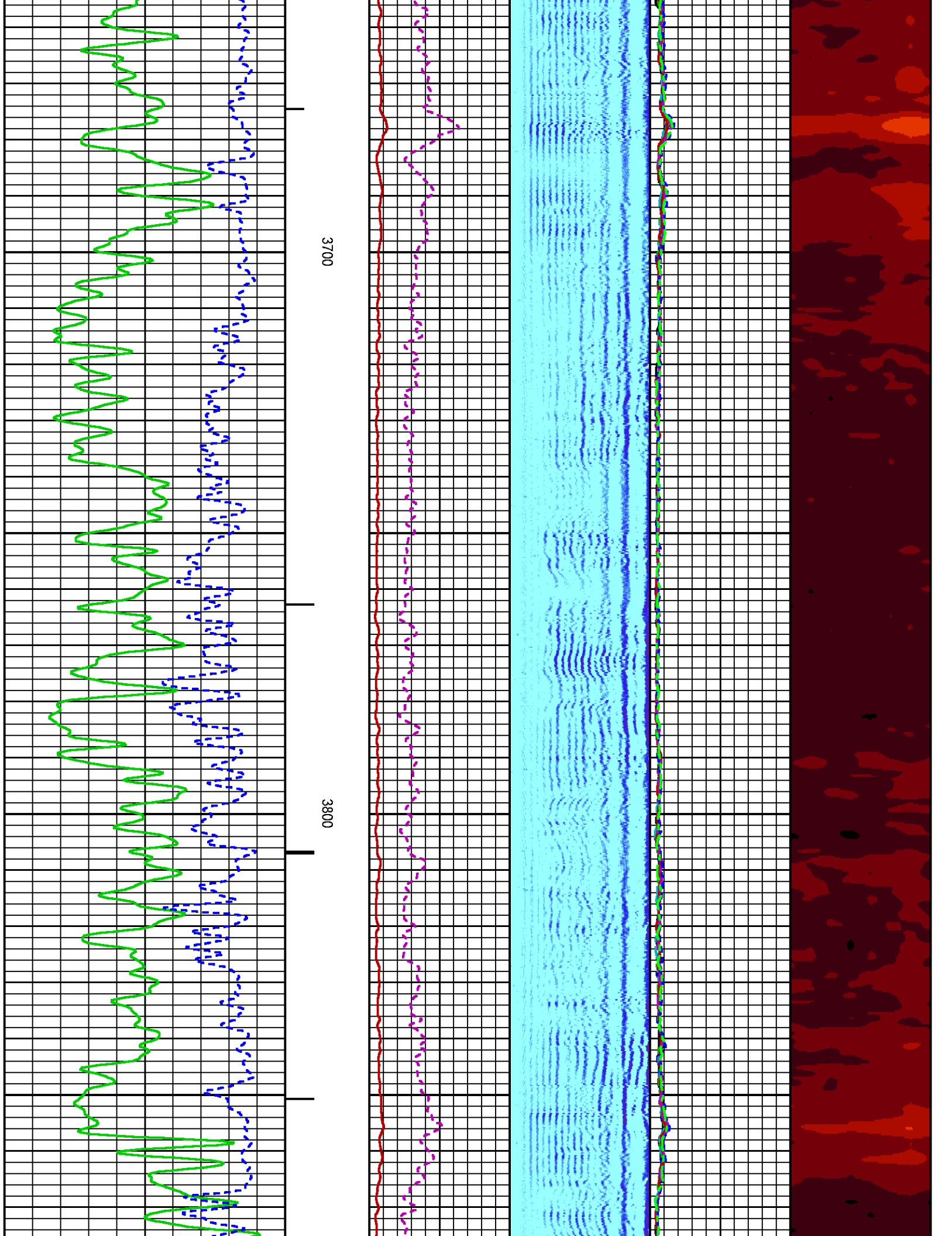


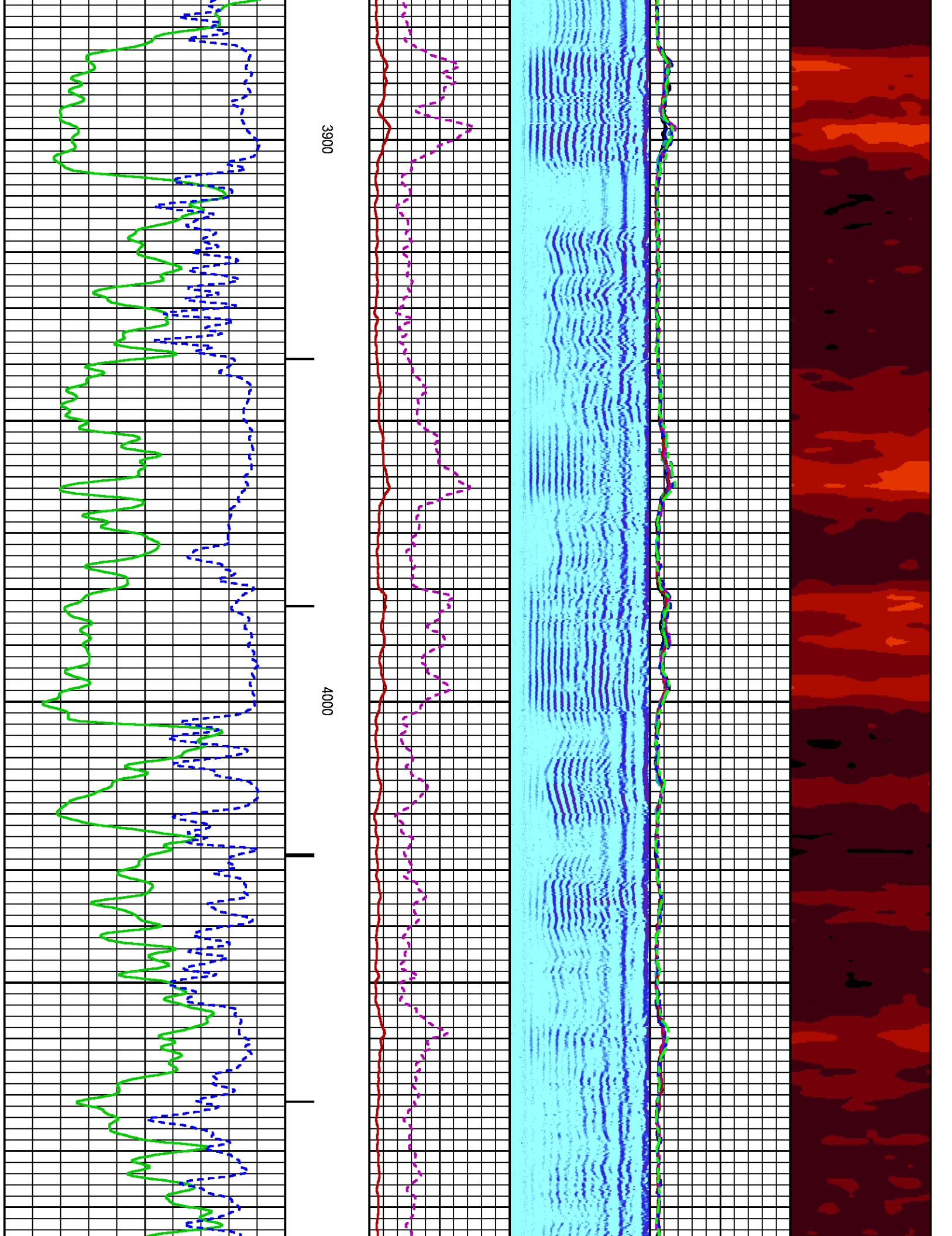


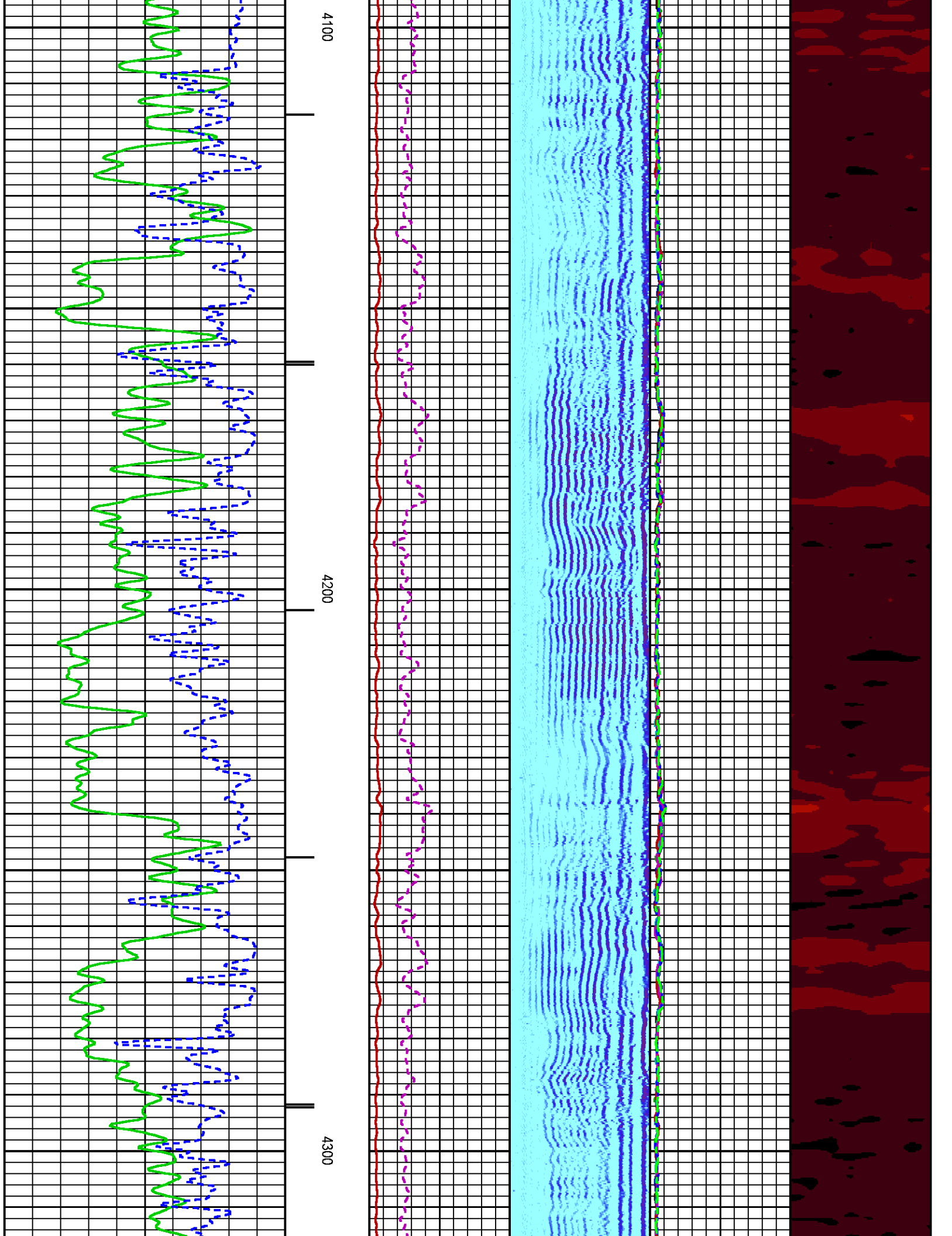


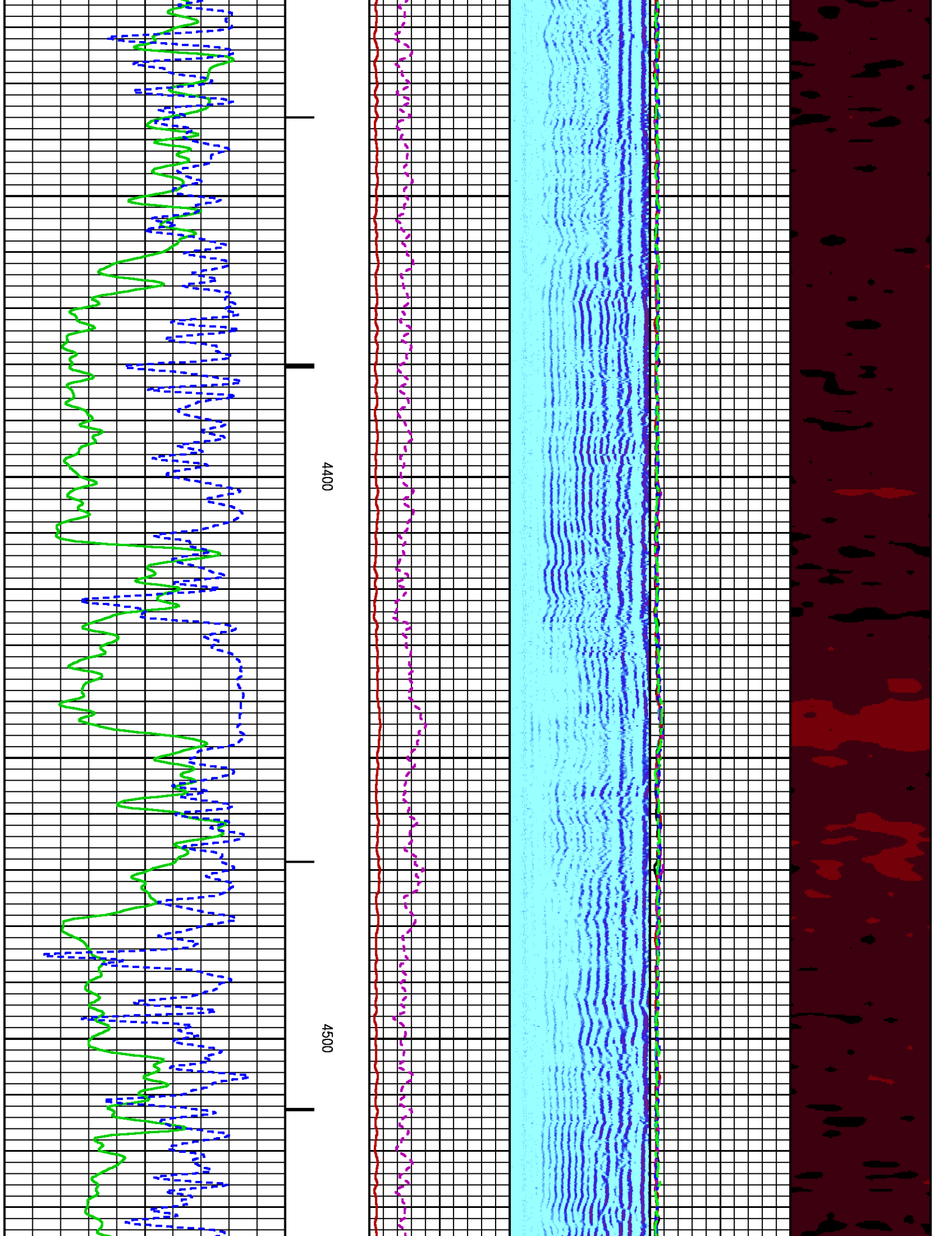


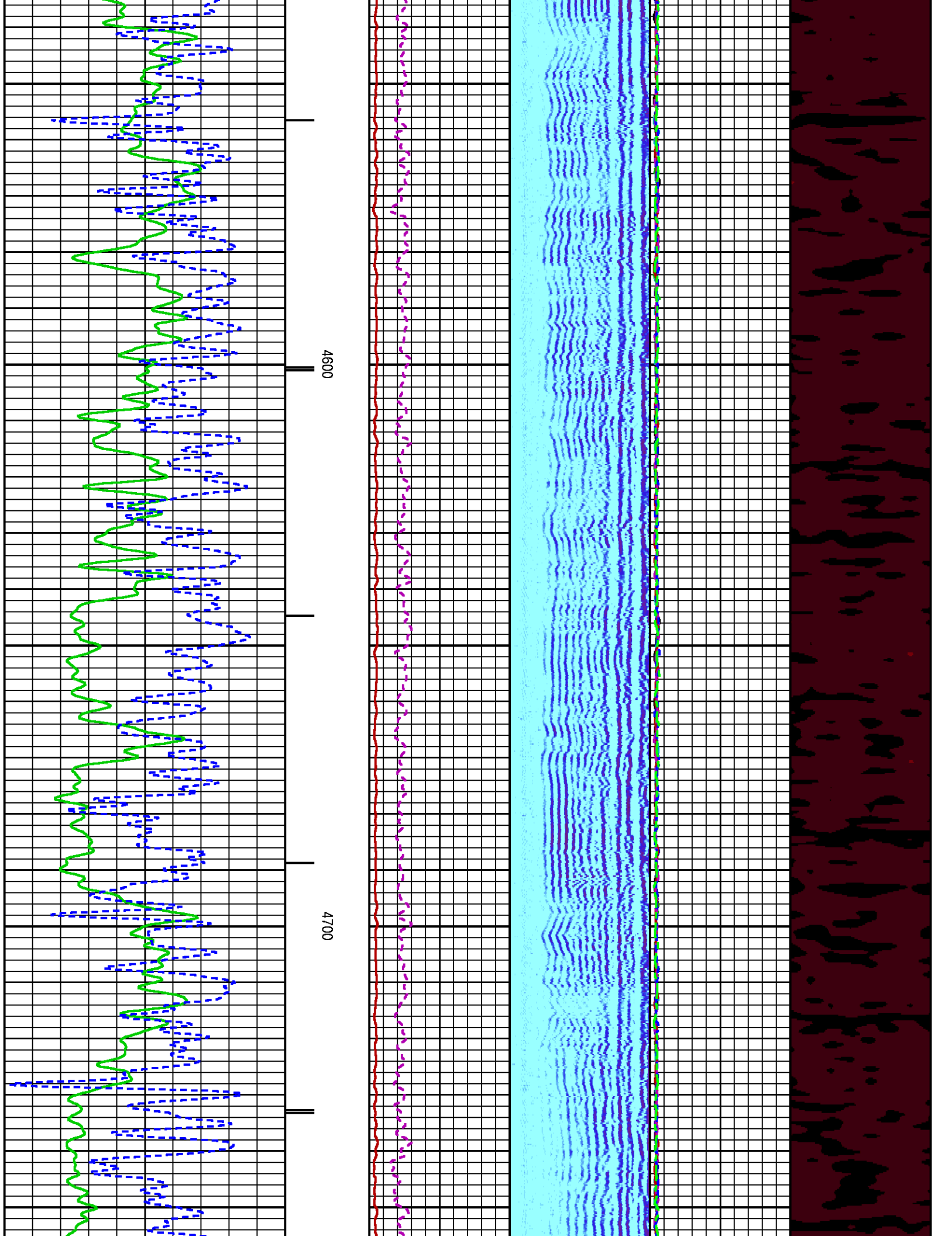


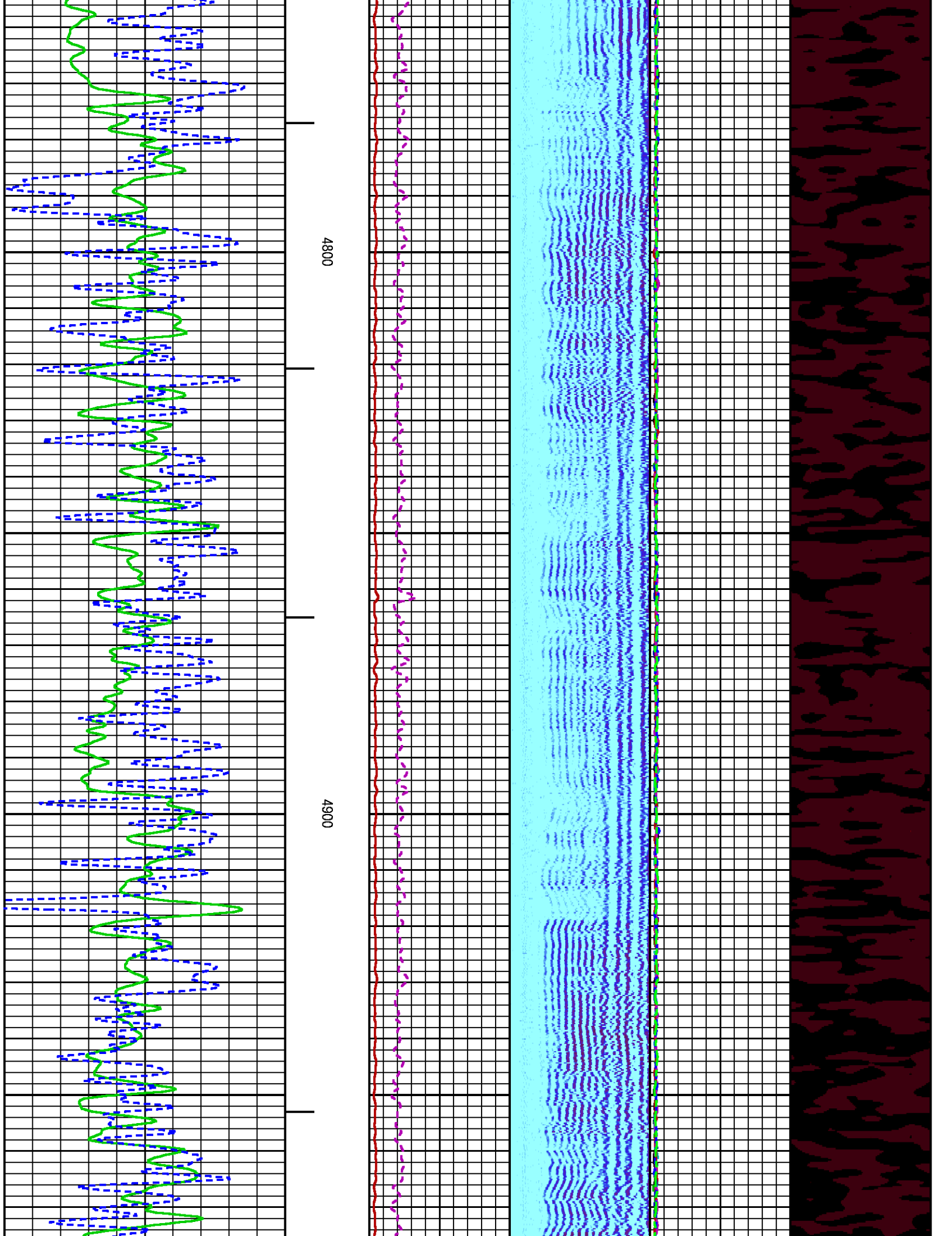


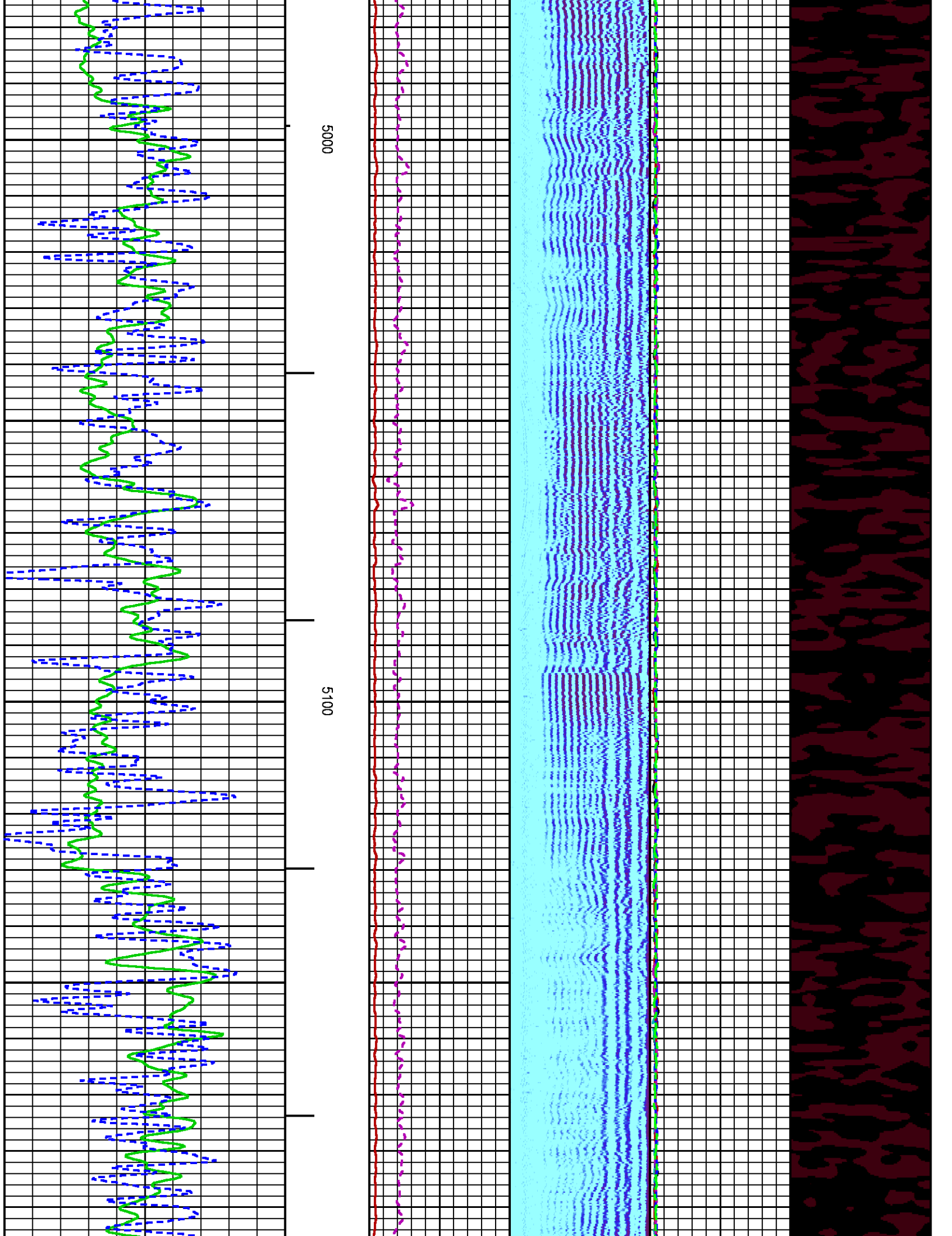


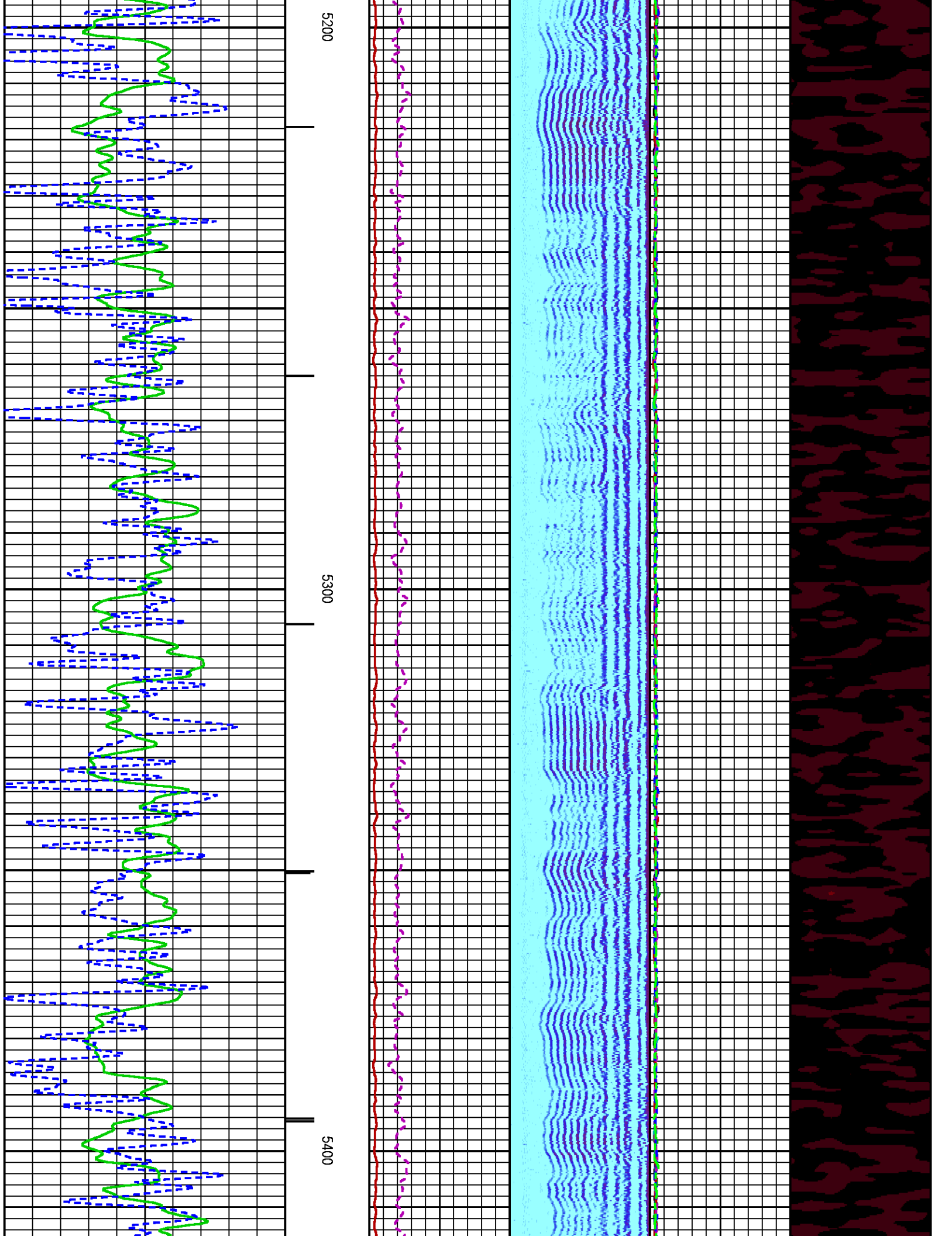


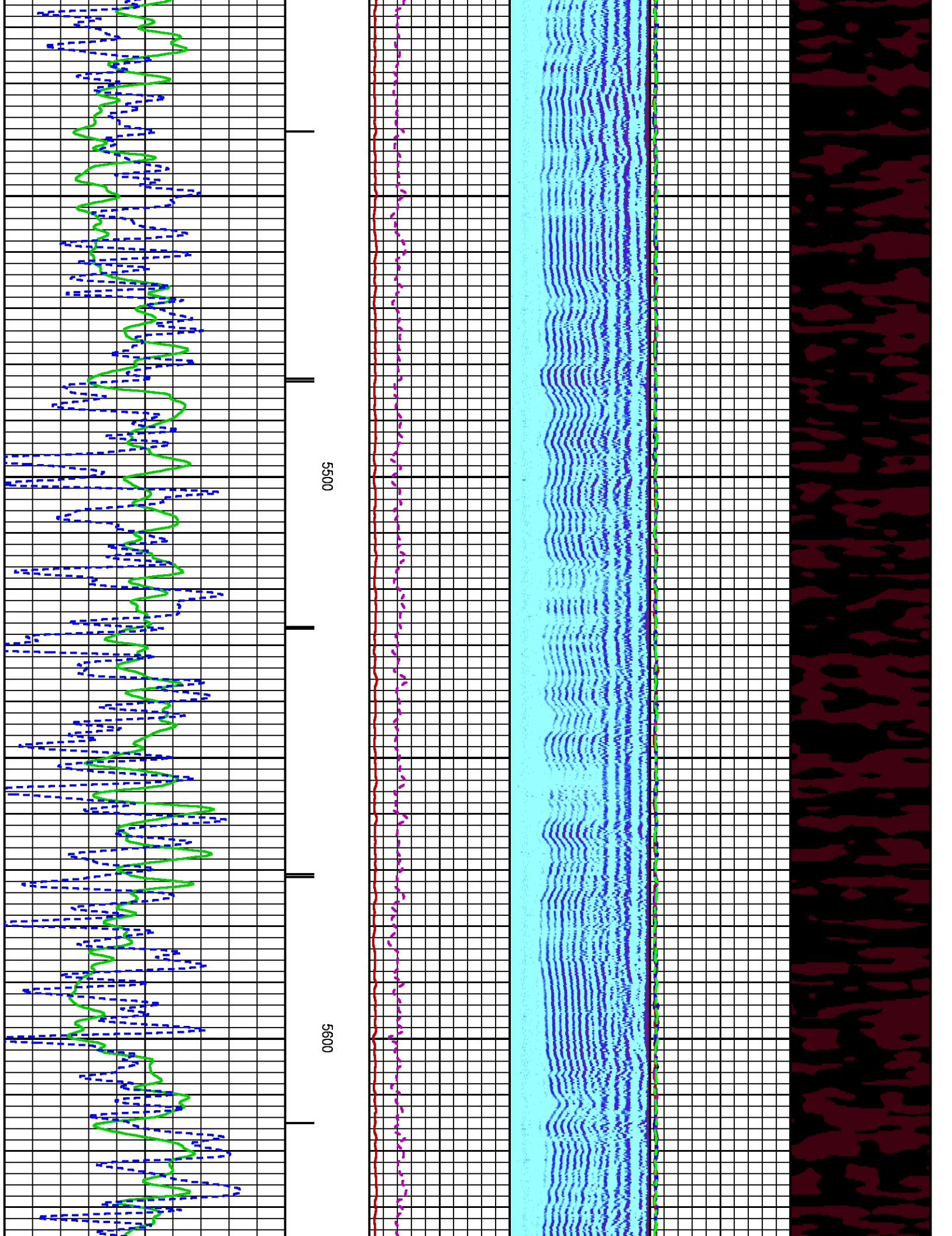


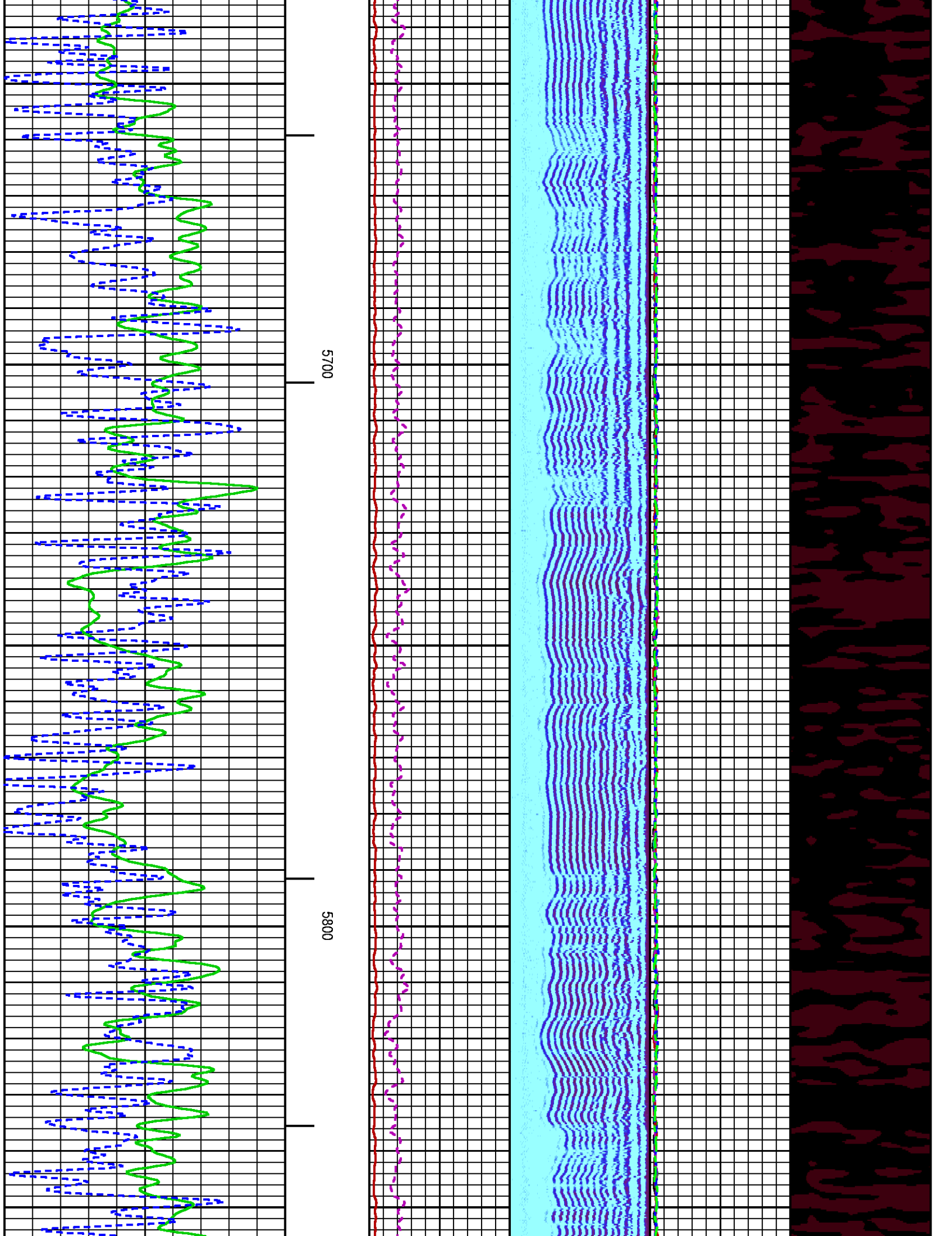


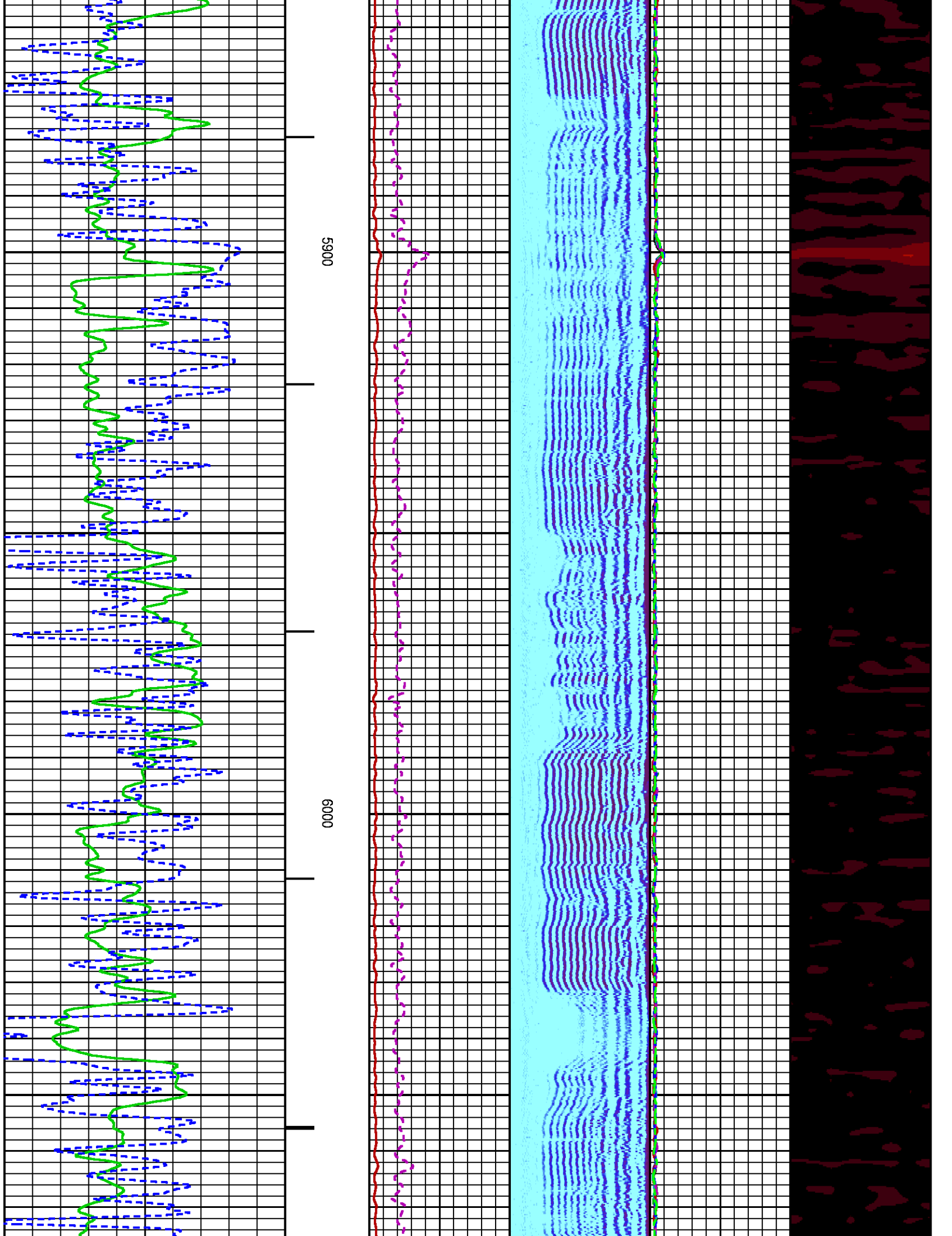


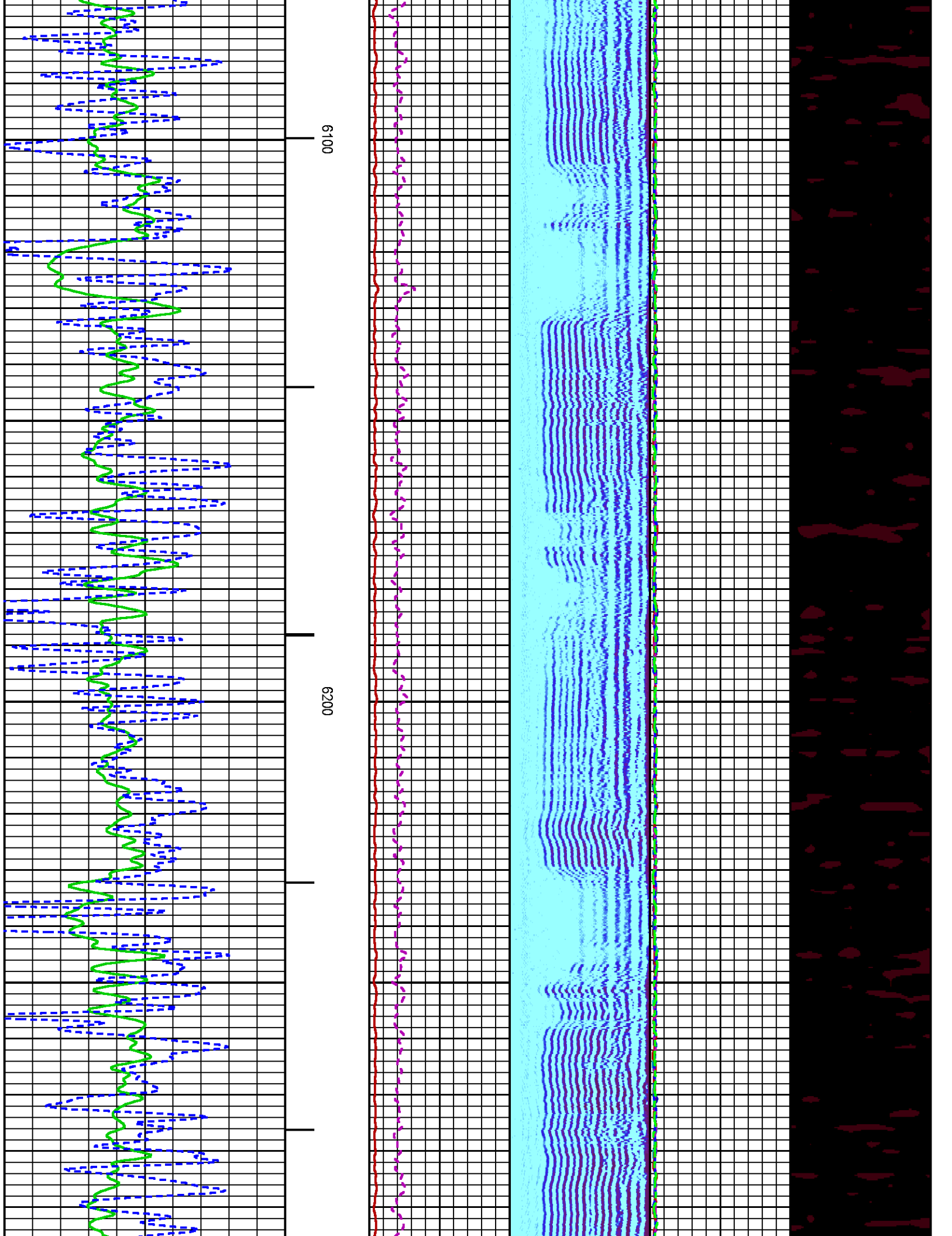


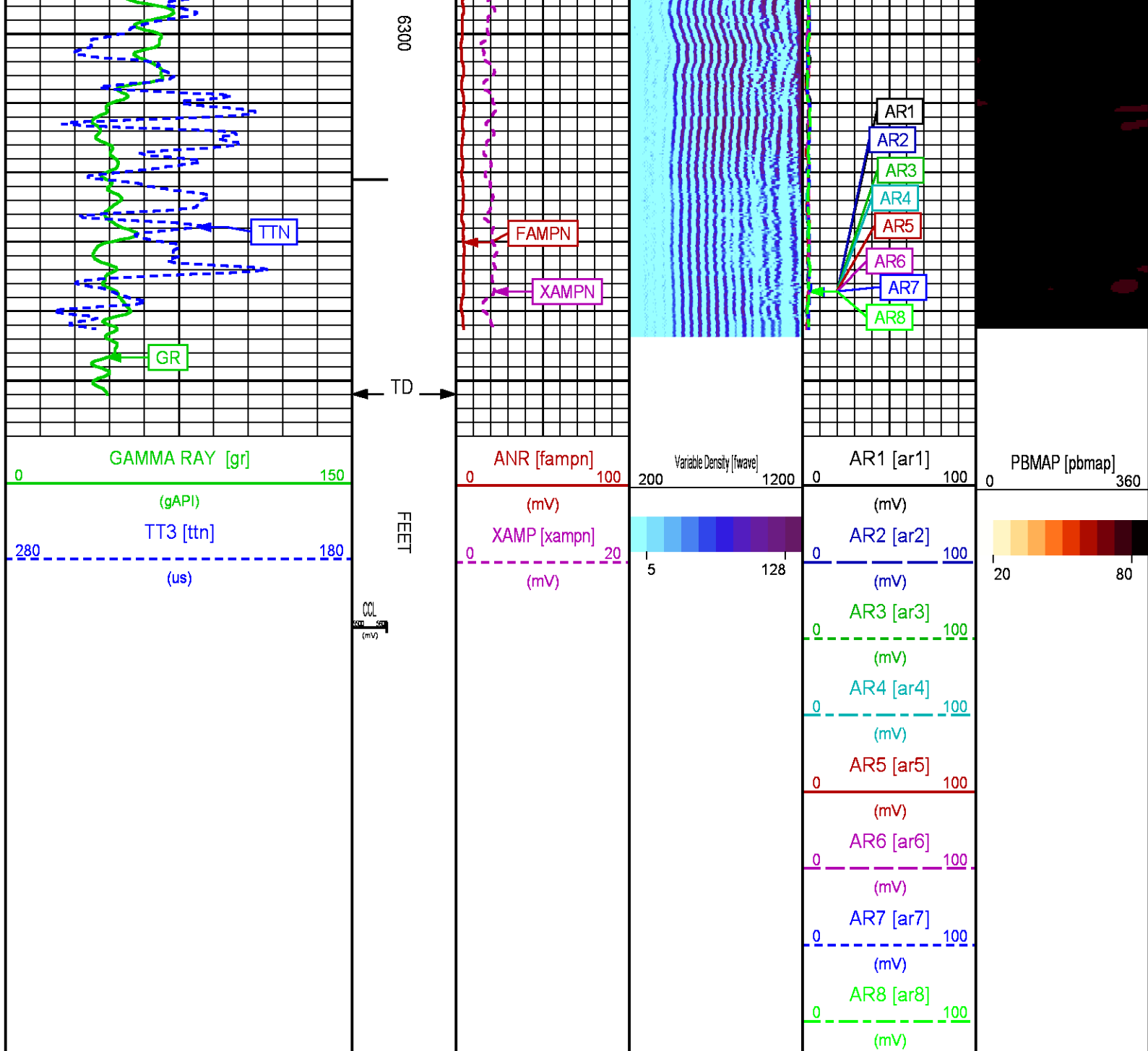












REPEAT LOG 0 PSI

ECLIPS 6.2wu1 PC-ECLIPS General Release Rel 6.2w Update 1 Fri Apr 25 10:54:53 Central Daylight Time 2014
Updates: 46 Patches: 5

Plotted: Tue Dec 30 11:04:41 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: C:\dat1a\093777\012g01.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 6033.000 ft BOTTOM DEPTH: 6354.797 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*)	173	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*)	-69	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	131	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

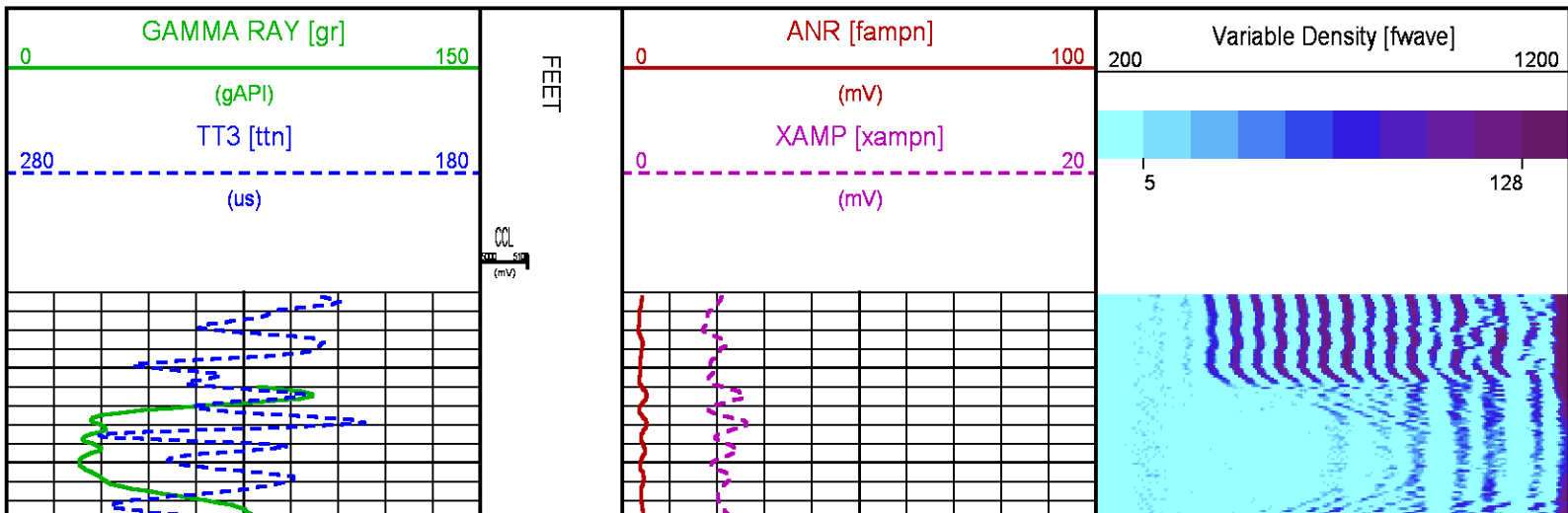
CURVE DESCRIPTION REPORT

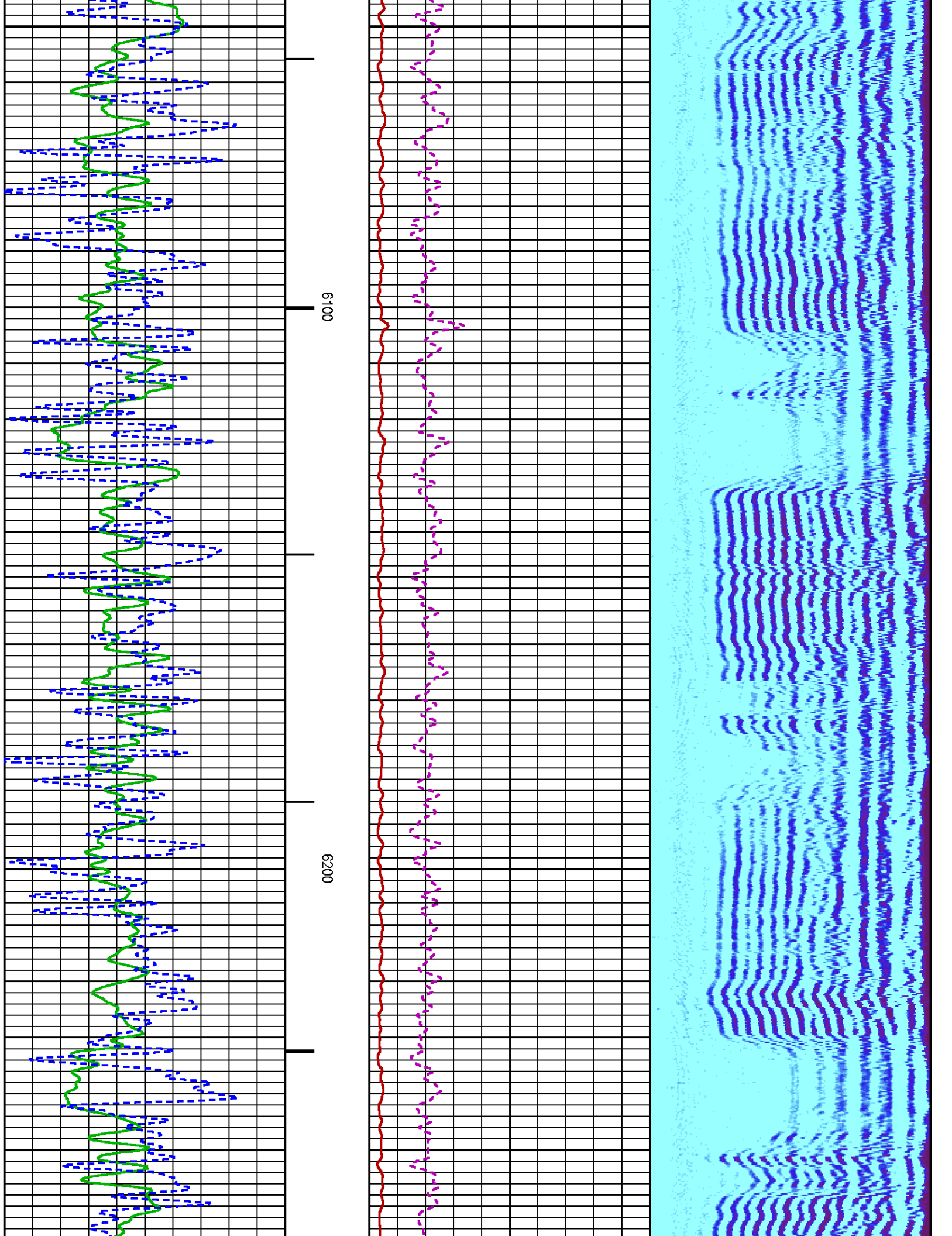
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Dec 30 09:04:33 2014	CASING COLLAR LOCATOR
F1:FAMPN	Dec 30 09:04:33 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Dec 30 09:04:33 2014	FAR WAVE FORM
F1:GR	Dec 30 09:04:33 2014	GAMMA RAY
F1:TTN	Dec 30 09:04:33 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Dec 30 09:04:33 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

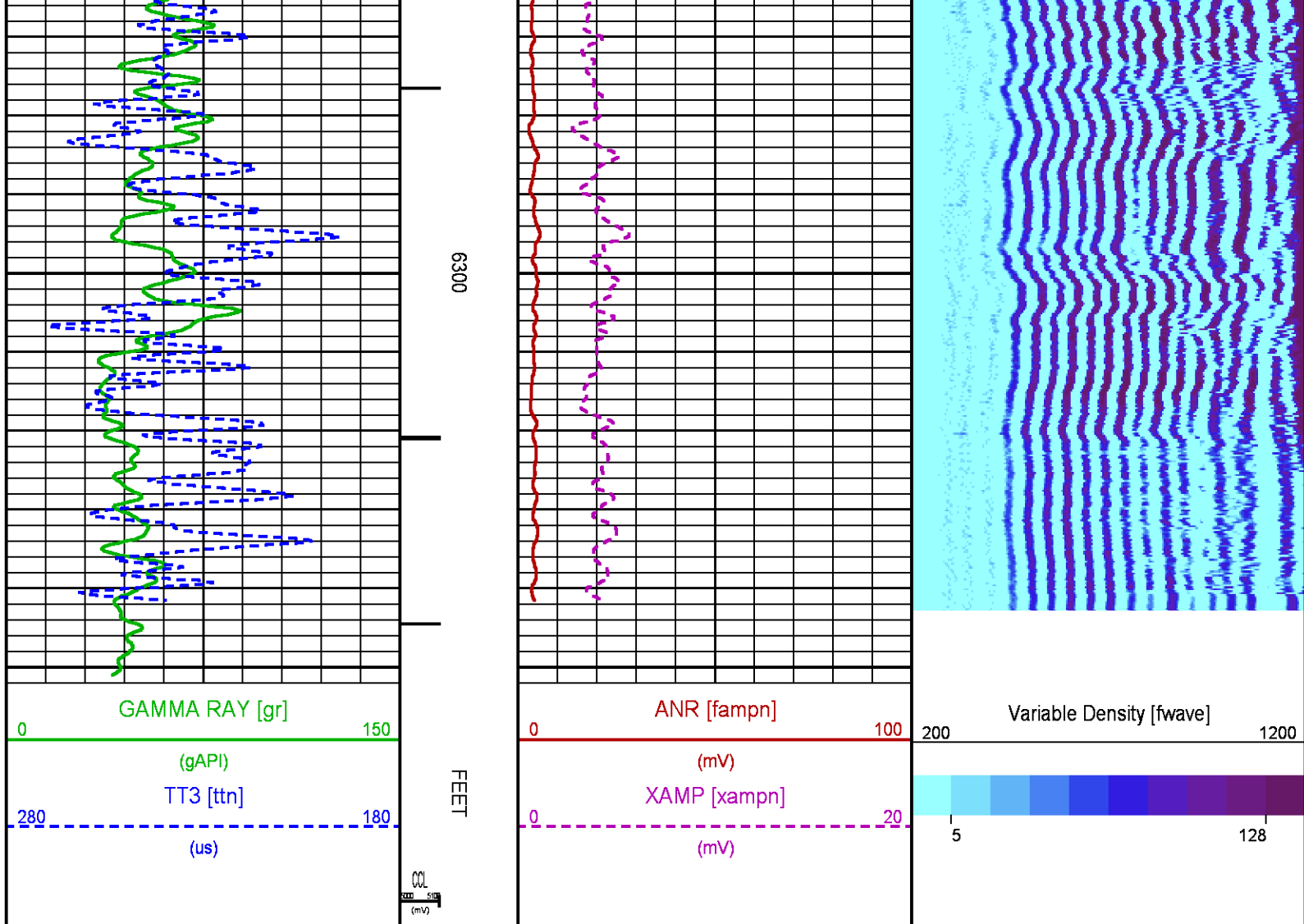
CURVE MEASURE POINT OFFSET

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	: BHUGHES-06627:C:\dat1a\093777\531\CBL_REPEAT.fvpdf [5"/100' Scale]
Plot Interval	: 6022.25 - 6352.5 Feet
Data File 1	: F1 : BHUGHES-06627:C:\dat1a\093777\531_CBL_REPEAT.xtf
Created On	: Dec 30 09:04:33 2014
Company	: WPX ENERGY
Well	: GM 531-12
Field	: GRAND VALLEY
File Interval	: 6021.25 - 6354 Feet
OCT	: n012g







CALIBRATION / VERIFICATION SUMMARY

Source File: C:\dat1a\093777\012g.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10218495

DATE/TIME PERFORMED: Sun Dec 28 08:35:03 2014

UNIT #: 3885TD Z004271

	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)	0.07	-0.03	0.34	0.00	0.31	0.02	0.18	0.11	0.15	1.79	0.03
AMP FLUID (mV)	86	84	85	84	85	85	86	86	85	113	84
TT (us)	213	214	213	212	211	211	211	212	214	322	214
M FACTOR	1.16	1.18	1.19	1.19	1.18	1.18	1.17	1.17	1.18	1.35	1.20

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10218495 DATE/TIME PERFORMED: Tue Dec 30 08:37:46 2014 DAYS SINCE CAL: 2

UNIT #: 3885TD Z004271 CABLE #: 4271LG LARGE1

	NEAR (mV)	R1 (mV)	R2 (mV)	R3 (mV)	R4 (mV)	R5 (mV)	R6 (mV)	R7 (mV)	R8 (mV)	FAR (mV)	CAL (mV)
ZERO	-0.20	0.24	0.05	-0.15	0.12	-0.04	-0.01	0.03	0.11	-0.12	0.23
AMP AIR	3.61	3.57	3.34	3.61	3.48	3.25	3.79	3.21	3.47	5.98	101.22

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
1.20	0.00	0.99

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1355XA 10580209 DATE/TIME PERFORMED: Fri Dec 12 13:50:38 2014

UNIT #: 3885TD Z004271 CALB JIG #: 4702NK WA612

	BACKGROUND (cts)	CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	158.53	746.53	588.0	0.315	49.88	234.88	185

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1355XA 10580209 DATE/TIME PERFORMED: Fri Dec 12 13:55:38 2014

UNIT #: 3885TD Z004271 VERI JIG #: 4702NK WA612

	BACKGROUND (cts)	CALBRTR ON (cts)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	164.98	742.44	0.315	51.91	233.59	181.69
						175.00 195.00

TEMP PRIMARY CALIBRATION SUMMARY

TOOL #: 1355XA 10580209 DATE/TIME PERFORMED: Fri Dec 12 13:58:01 2014

UNIT #: 3885TD Z004271

	T(0)	T(1)	T(2)	T(3)
Corr Coeff for Temp	0.000000E+00	1.000000E-01	0.000000E+00	0.000000E+00

INSTRUMENT CONFIGURATION

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

NEAR RCVR — 11.17'

FAR RCVR — 10.21'

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

CCL — 5.79'

GR — 1.67'

TEMP — 0.17'

TOTAL LENGTH: 18.13'
 TOTAL WEIGHT: 225 lbs
 MAX DIAMETER: 0'4.00"

	COMPANY		<u>WPX ENERGY</u>		FILE NO:	<u>CH093777</u>	
	WELL		<u>GM 531-12</u>		API NO:	<u>05045224630000</u>	
	FIELD		<u>GRAND VALLEY</u>				
	COUNTY		<u>GARFIELD</u>	STATE	<u>COLORADO</u>		
	LOCATION:					ELEVATIONS:	12 7S 96W
	SHL: 1177' FNL & 1906' FWL				KB	5151 FT	GM 21-12 PAD
	BHL: 1468' FNL & 2522' FEL (SWNE)				DF		NABORS 573
	SEC <u>12</u> TWP <u>7S</u> RGE <u>96W</u>				GL	5125 FT	
					DATE	30-Dec-2014	

