



FILE NO: CH093578	COMPANY WELL FIELD COUNTY	WPX ENERGY WPX GM 642-28 GRAND VALLEY GARFIELD	STATE COLORADO
API NO: 05045225020000			

Version 28 GS 96W GM 323-28 PAD H&P 318	LOCATION: SHL: 1498' FSL & 2352' FWL BHL: 1538' FSL & 1533' FEL (NWSE) SEC 28 TWP 6S RGE 96W	OTHER SERVICES RPM
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PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	GL KB KB KB	ELEVATION 5476 FT 24 FT ABOVE P.D.	ELEVATIONS: KB 5500 FT DF GL 5476 FT
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DATE	4-Jan-2015
RUN	1
SERVICE ORDER	US093578
DEPTH DRILLER	6959 FT
DEPTH LOGGER	6914 FT
BOTTOM LOGGED INTERVAL	6904 FT
TOP LOGGED INTERVAL	24 FT
TIME STARTED	0830
TIME FINISHED	1130
OPERATOR RIG TIME	3 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	57 FT
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	65 FMIN
MAX. RECORDED TEMP.	230 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	4271
LOCATION	GRAND JCT.
RECORDED BY	FLOYD RENEAU
WITNESSED BY	JEFF BRADY

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	24 FT	1163 FT
8.75 IN	1163 FT	6959 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			24 FT	1163 FT
4.5 IN	11.6 LB/F	I-80	24 FT	6959 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 -2 feet.

Logged with Zero PSI at wellhead.

BHT = 230 degF

SJ = 3568'- 3591'

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

PRIMARY 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: Sun Jan 04 12:11:14 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: C:\dat1a\093578\012g02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 22.750 ft BOTTOM DEPTH: 6918.750 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*)	183	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	181	us	TOP	3592.500
		180	us		3592.750
		179	us		3593.000
		178	us		3593.250
		177	us		3593.500
		176	us		3593.750
		175	us		3594.250
		174	us		3594.500
		173	us		3594.750
		172	us		3595.000
		171	us		3595.250
		170	us		BOTTOM
	TT WINDOW LENGTH	500	us	TOP	BOTTOM
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-72	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

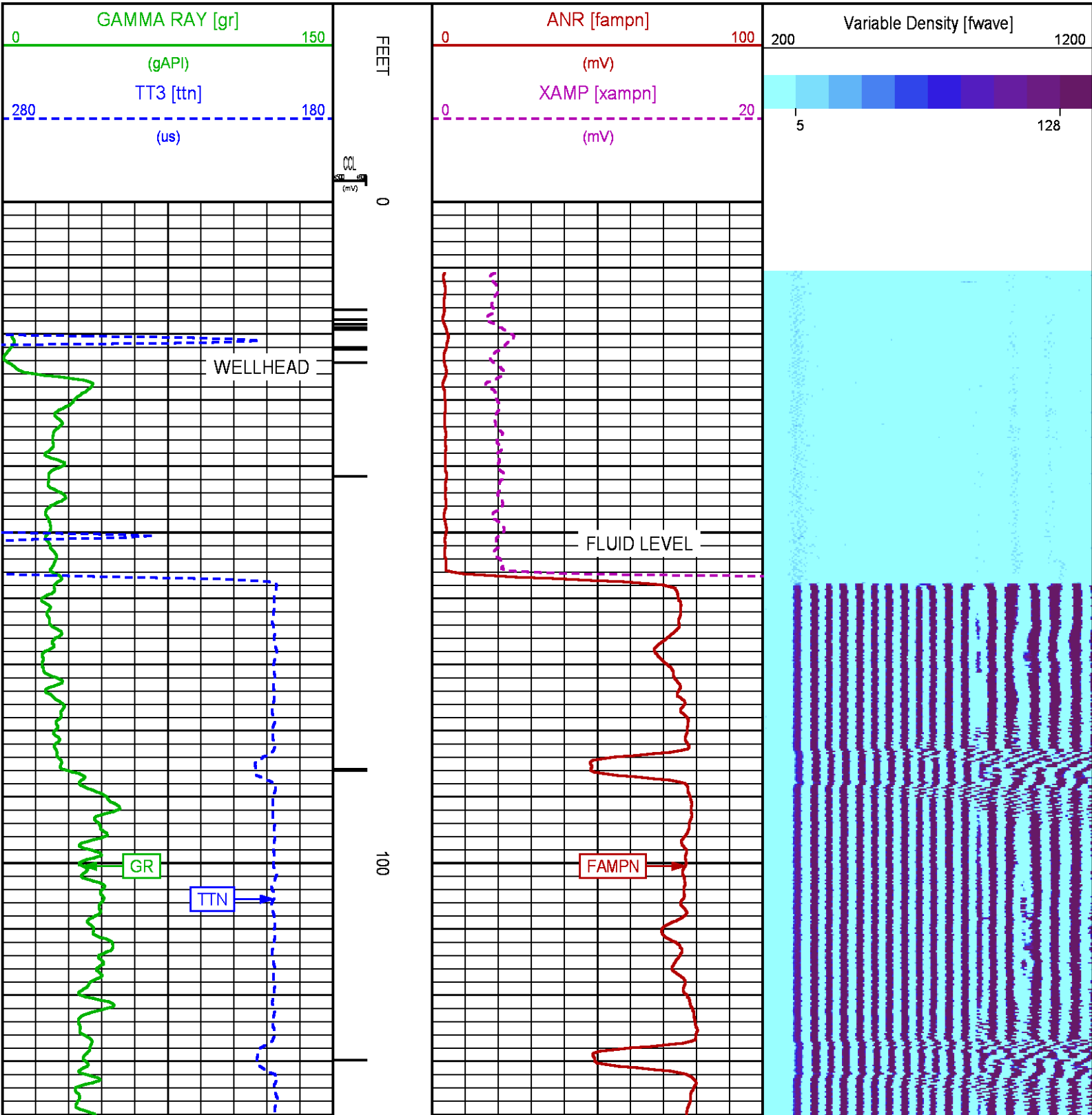
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jan 4 09:32:45 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jan 4 09:32:45 2015	FAR WAVE FORM
F1:GR	Jan 4 09:32:45 2015	GAMMA RAY
F1:TTN	Jan 4 09:32:45 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

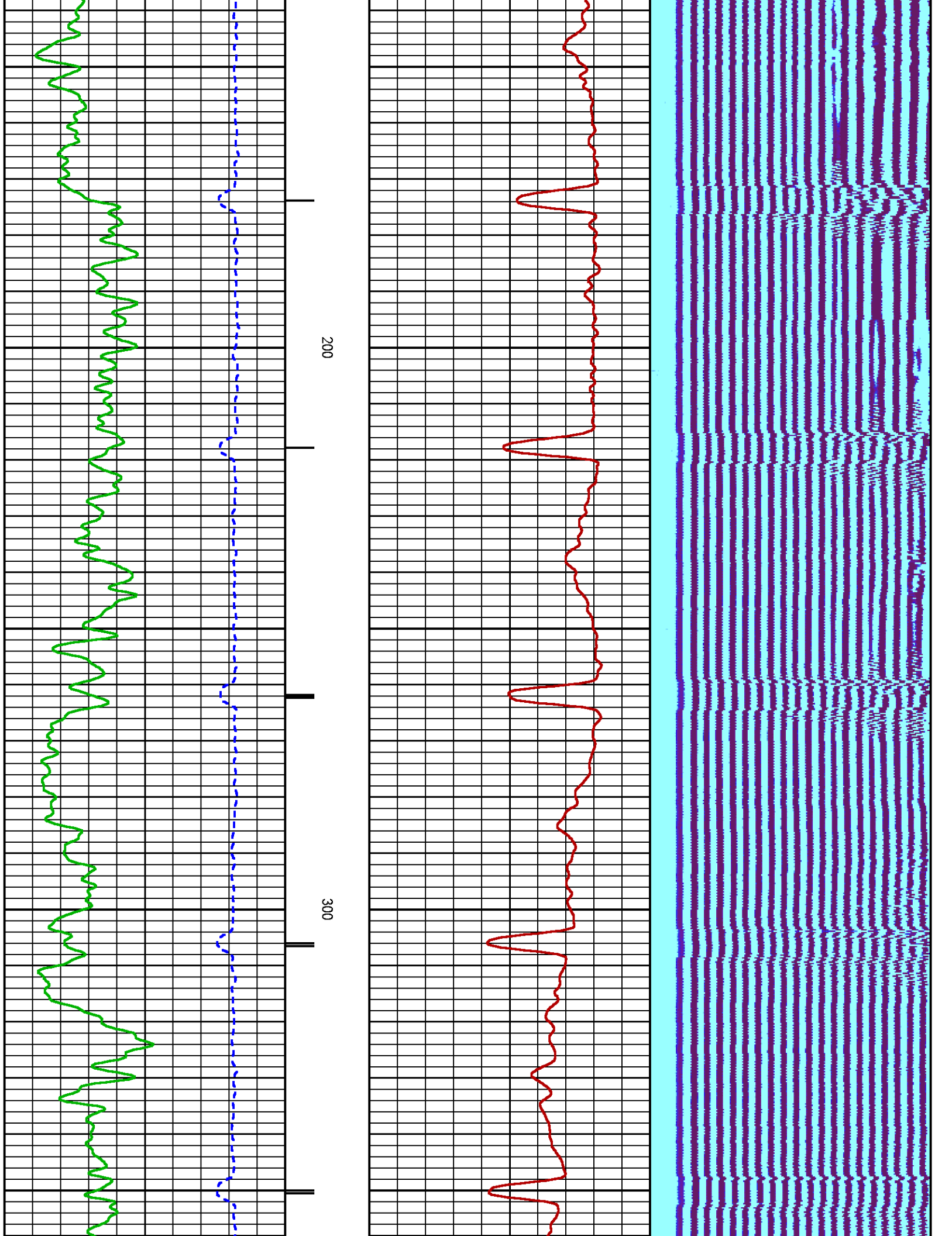
CURVE MEASURE POINT OFFSET

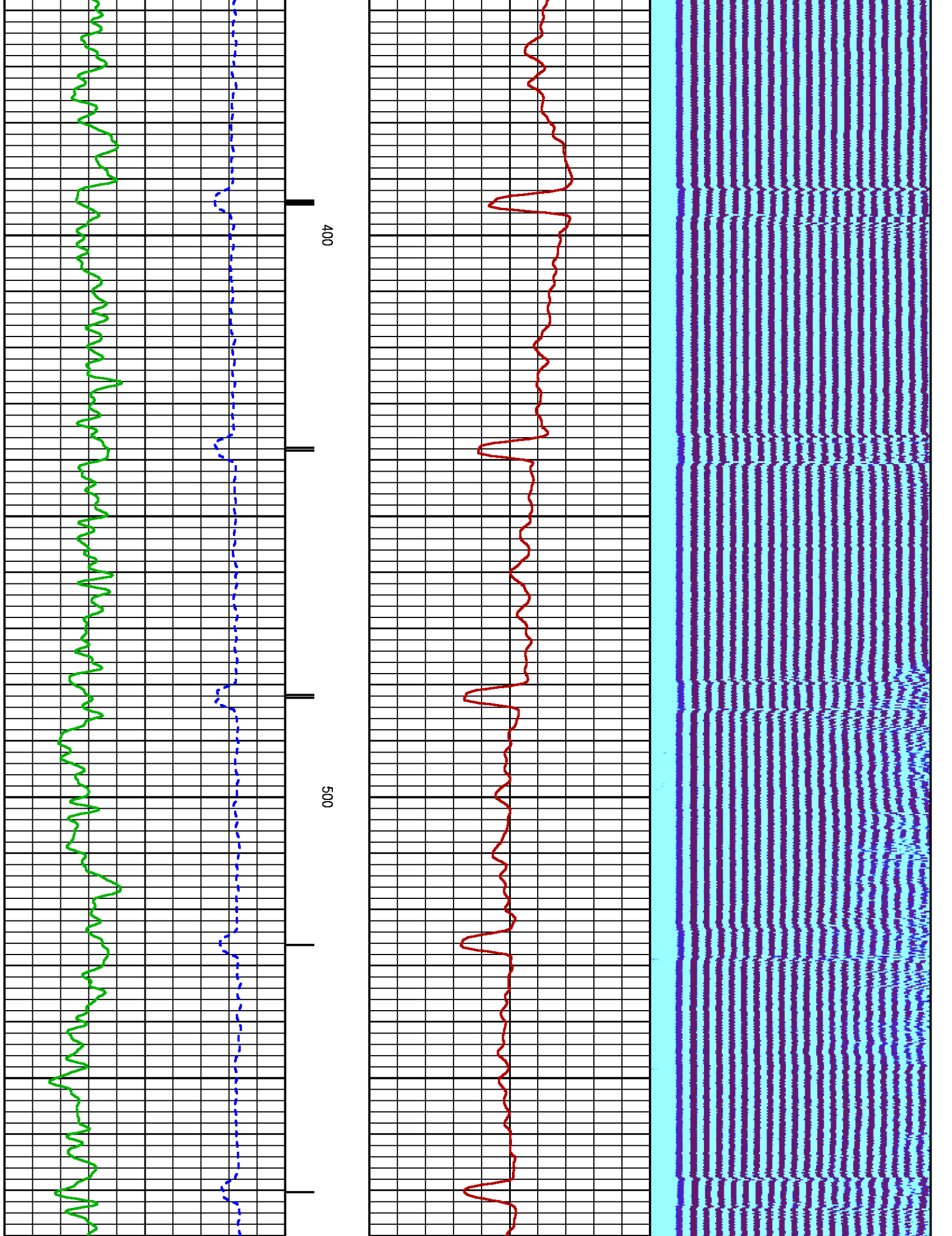
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	5.75	GR	1.75	XAMPN	11.25		
FAMPN	11.25	TTN	11.25				

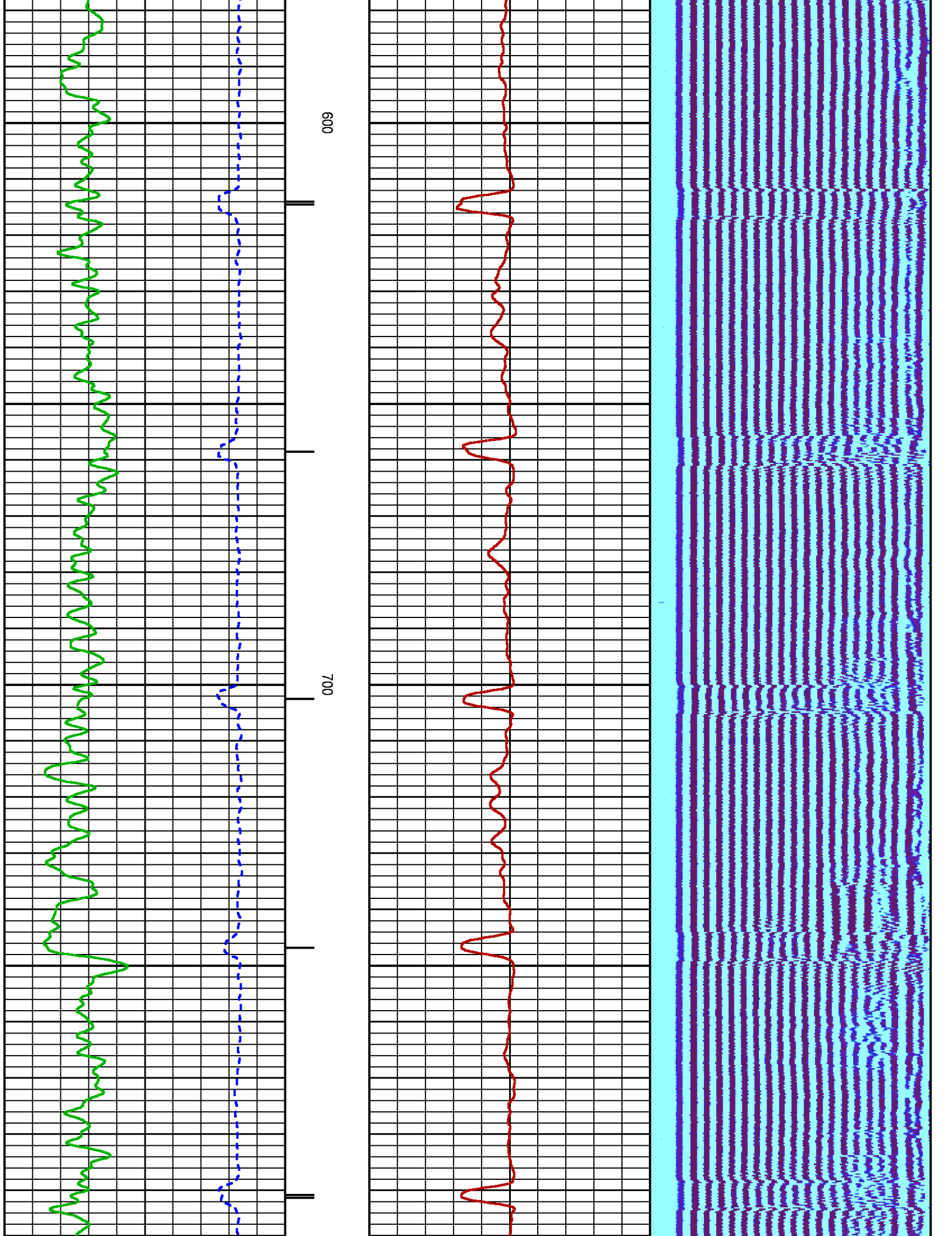
Presentation : BHUGHES-06627:C:\dat1a\093578\533_CBL_PRIMARY.fvpdf [5"/100' Scale]
Plot Interval : 0 - 6920 Feet

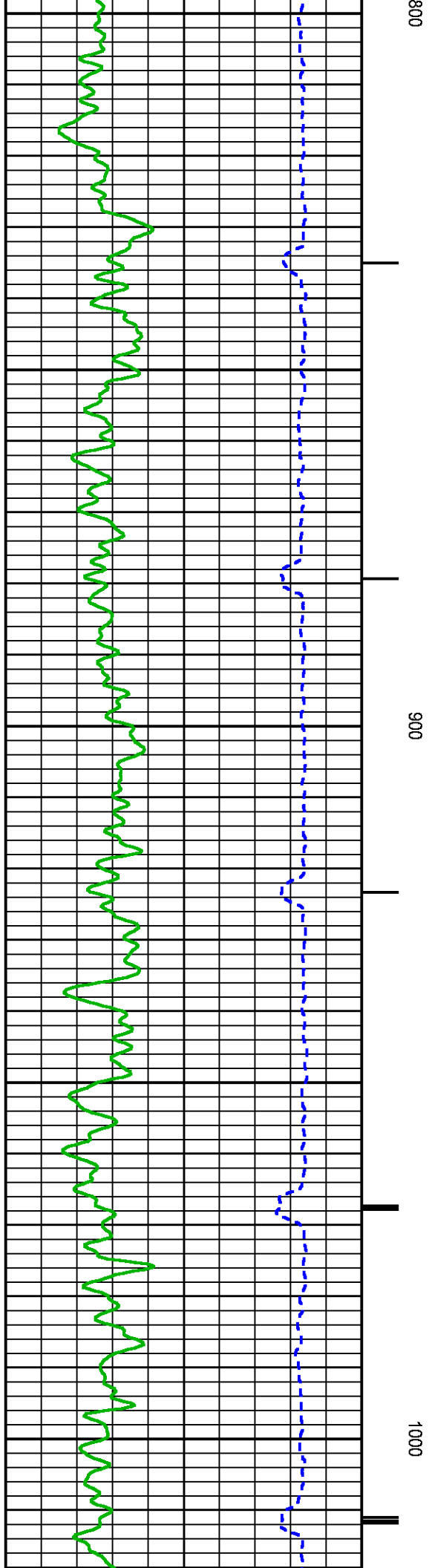
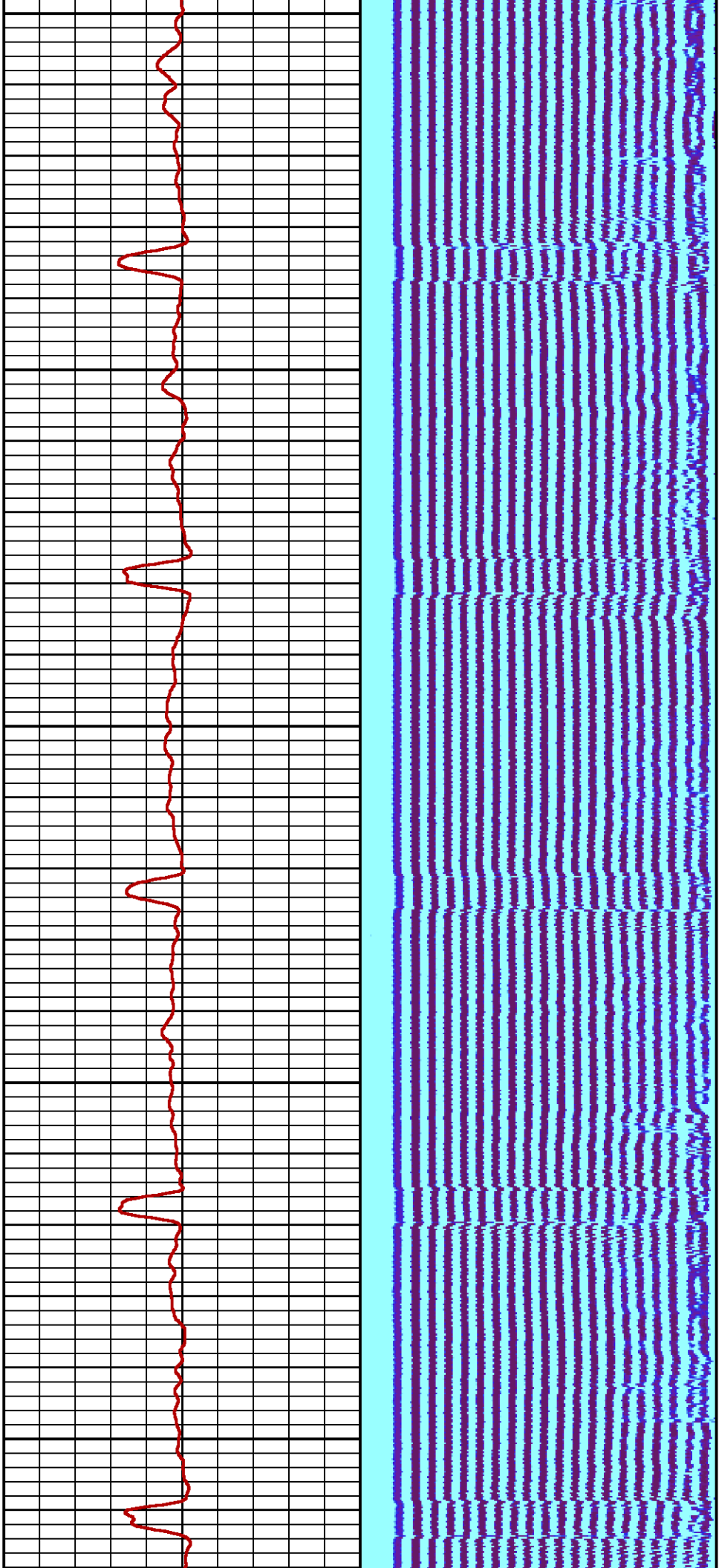
Data File 1 : F1 : BHUGHES-06627:C:\dat1a\093578\533_CBL_MAIN.xtf
Created On : Jan 4 09:32:45 2015
Company : WPX ENERGY
Well : WPX GM 533-28
Field : GRAND VALLEY
File Interval : 9.5 - 6917 Feet
OCT : n012g

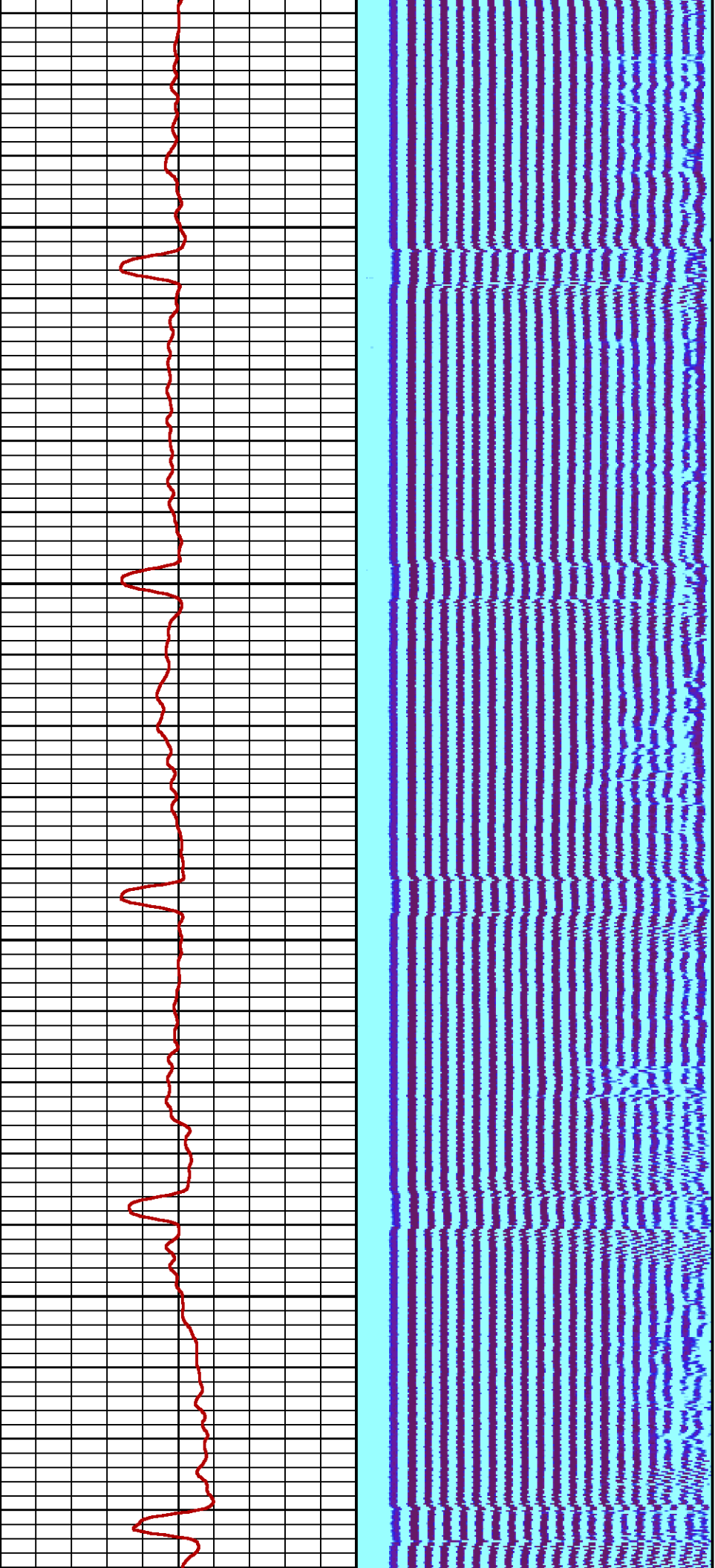






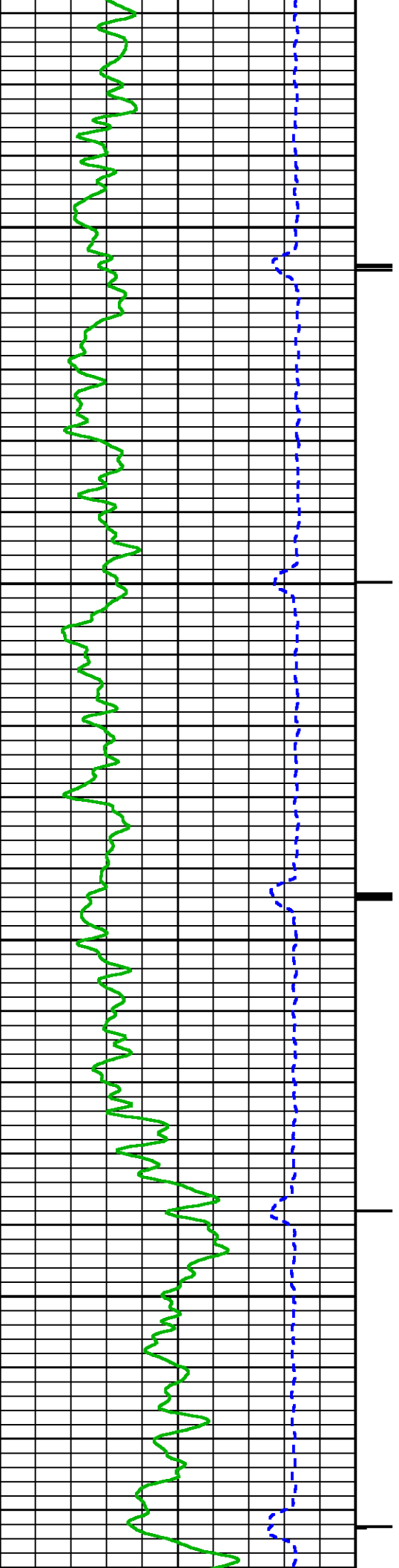


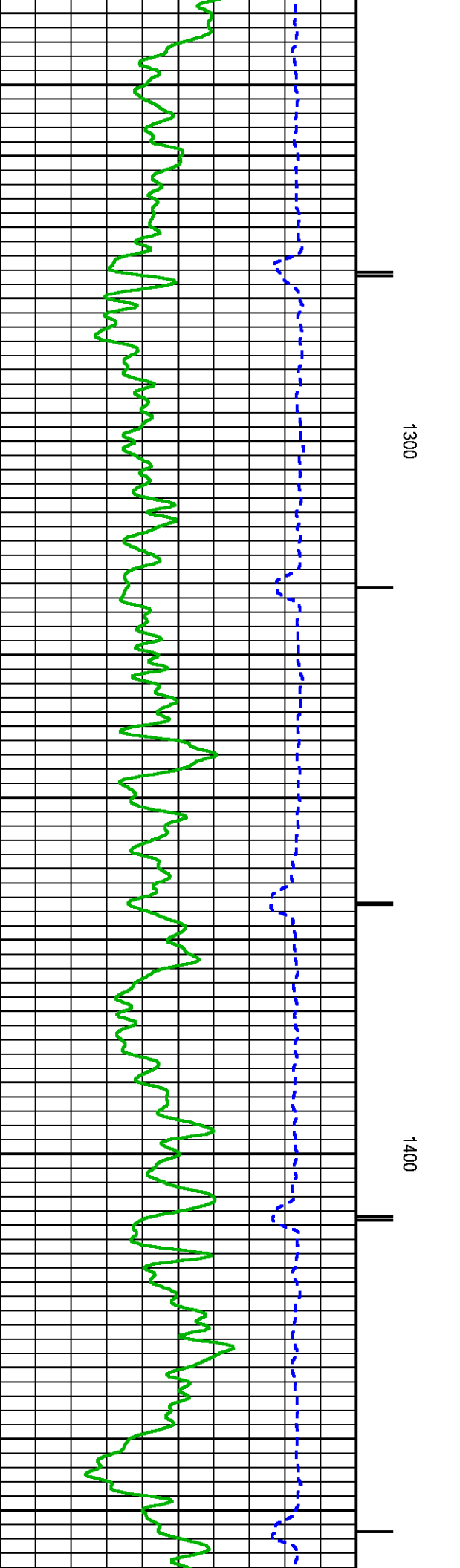
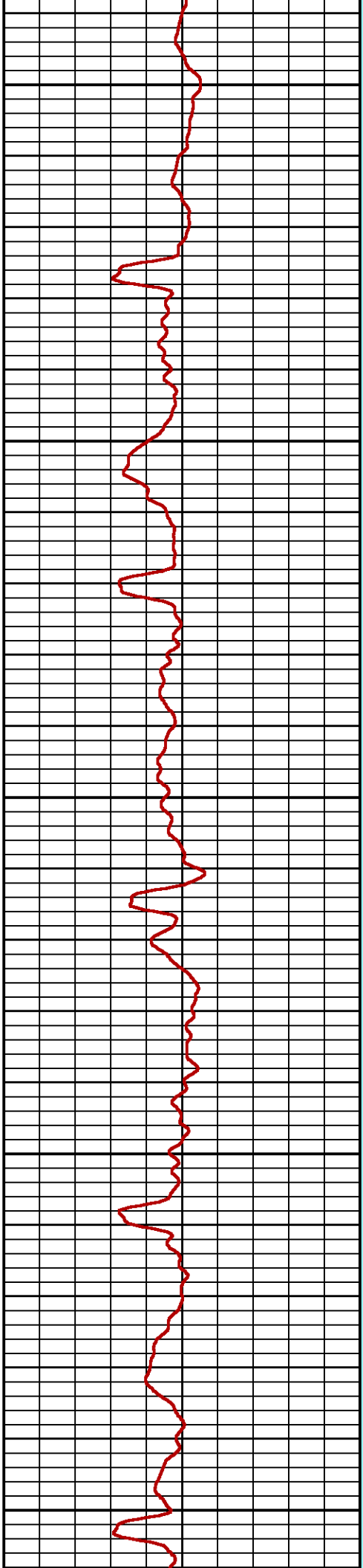
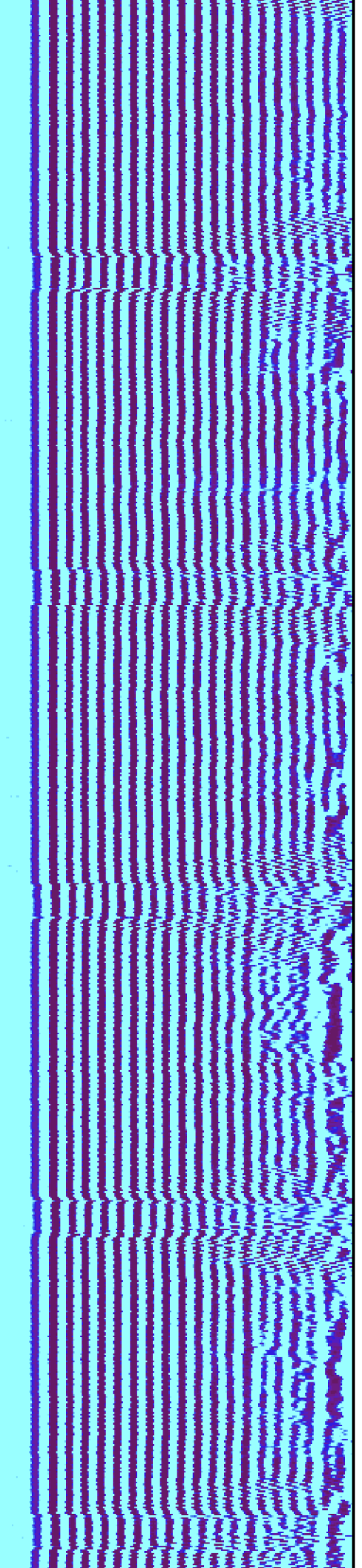


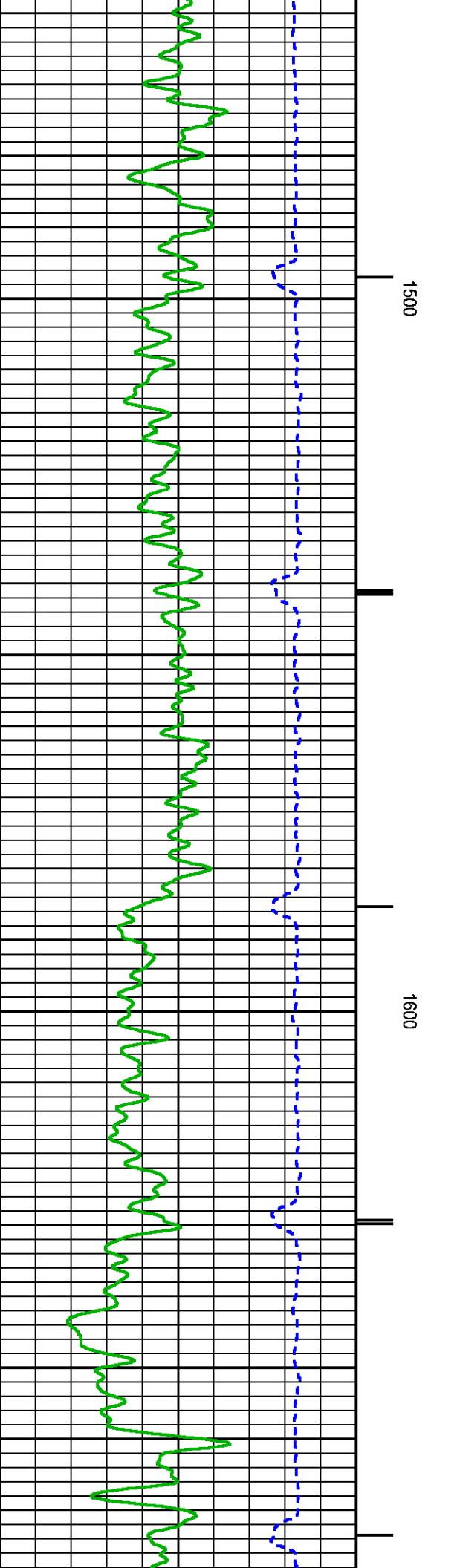
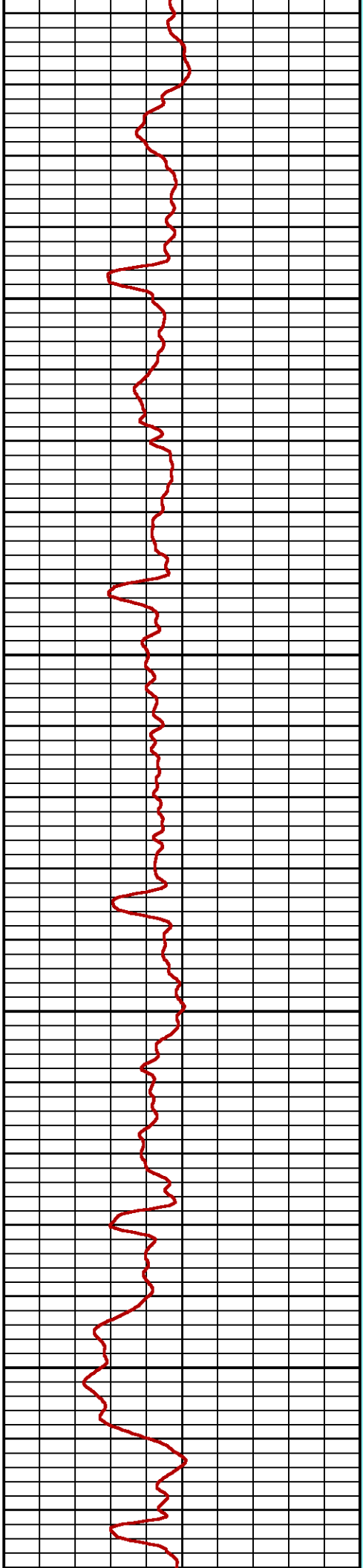
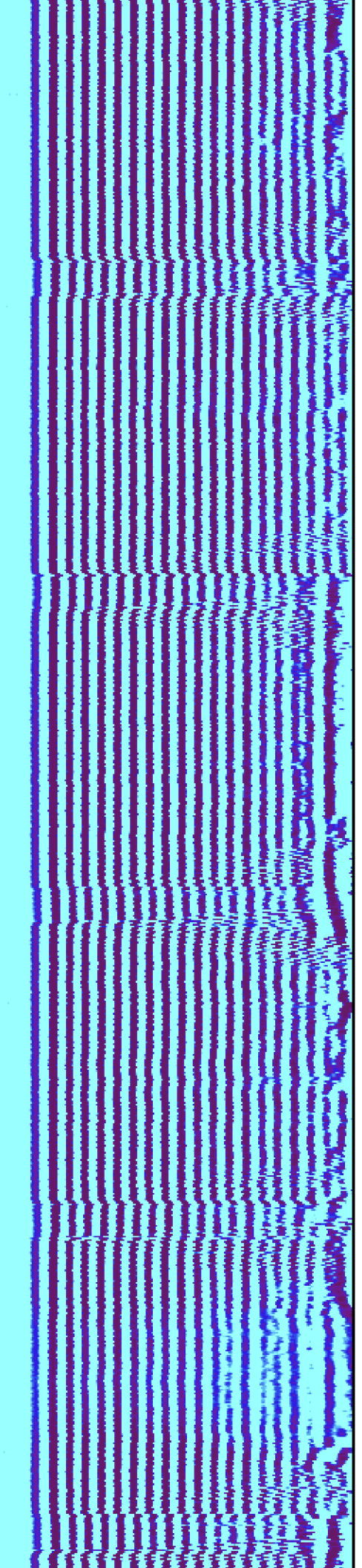


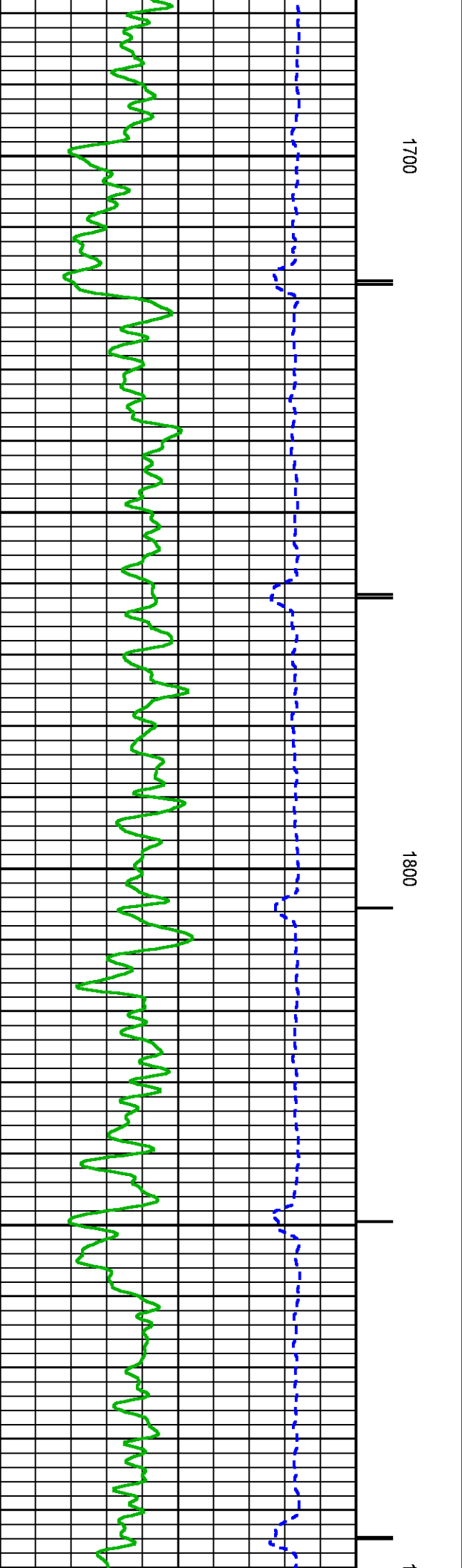
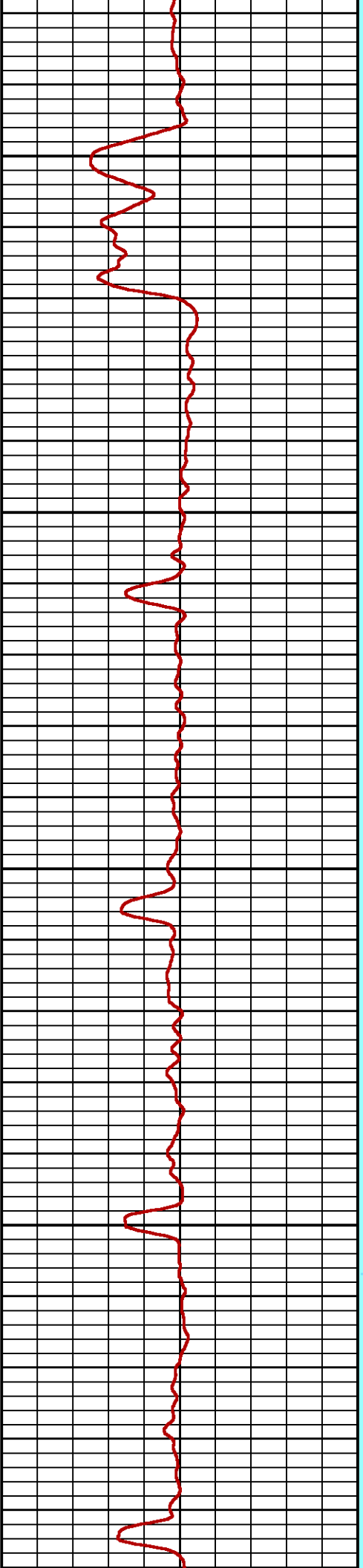
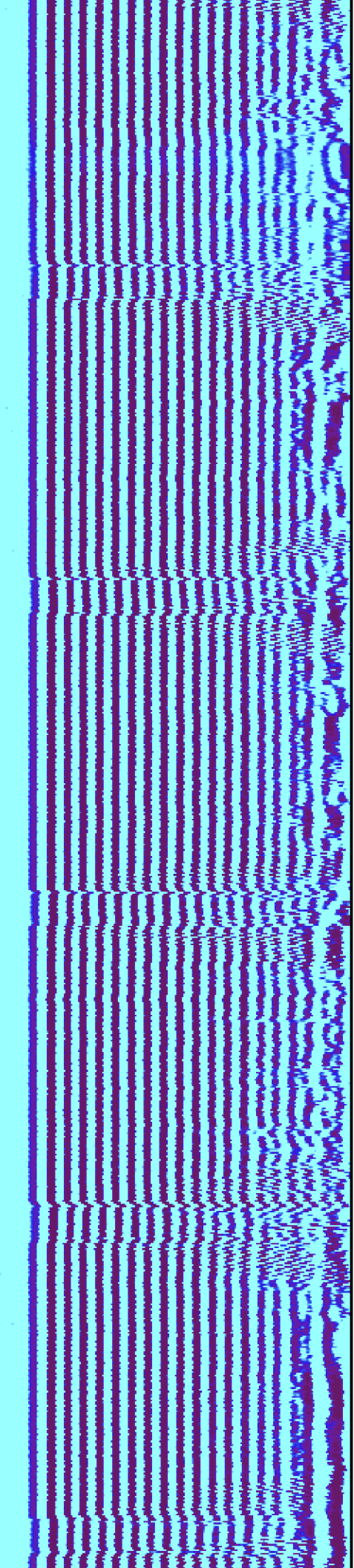
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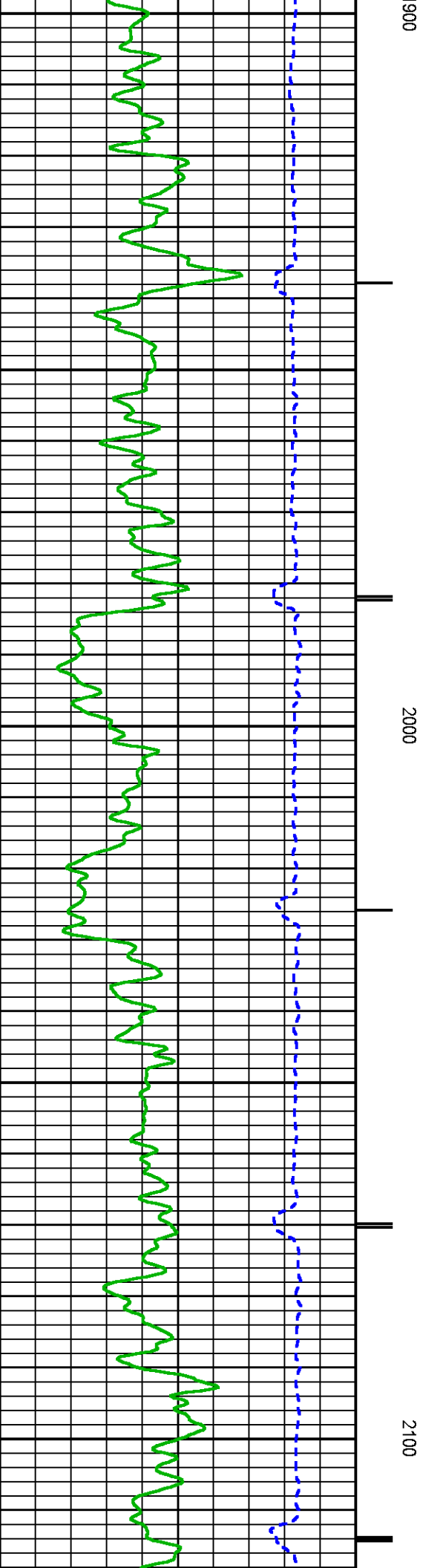
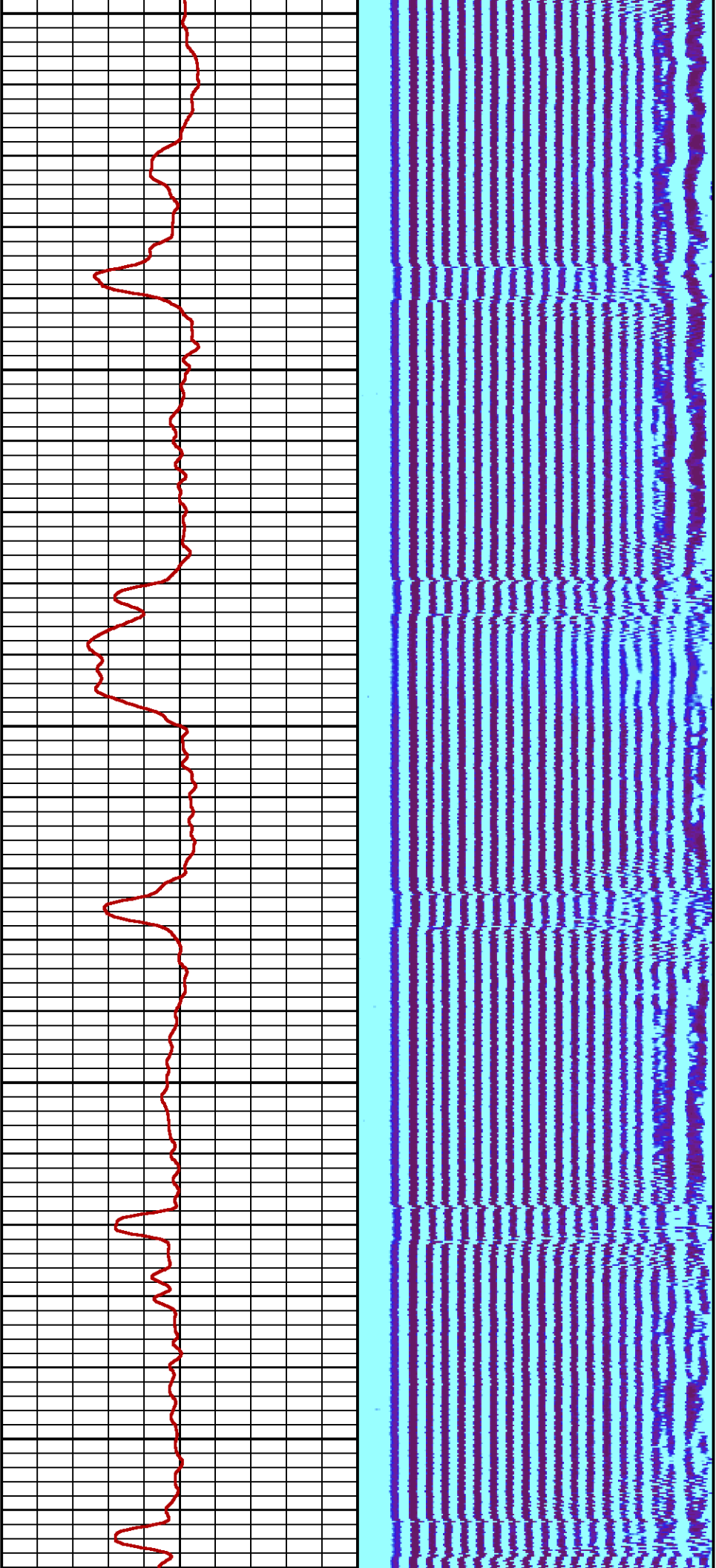
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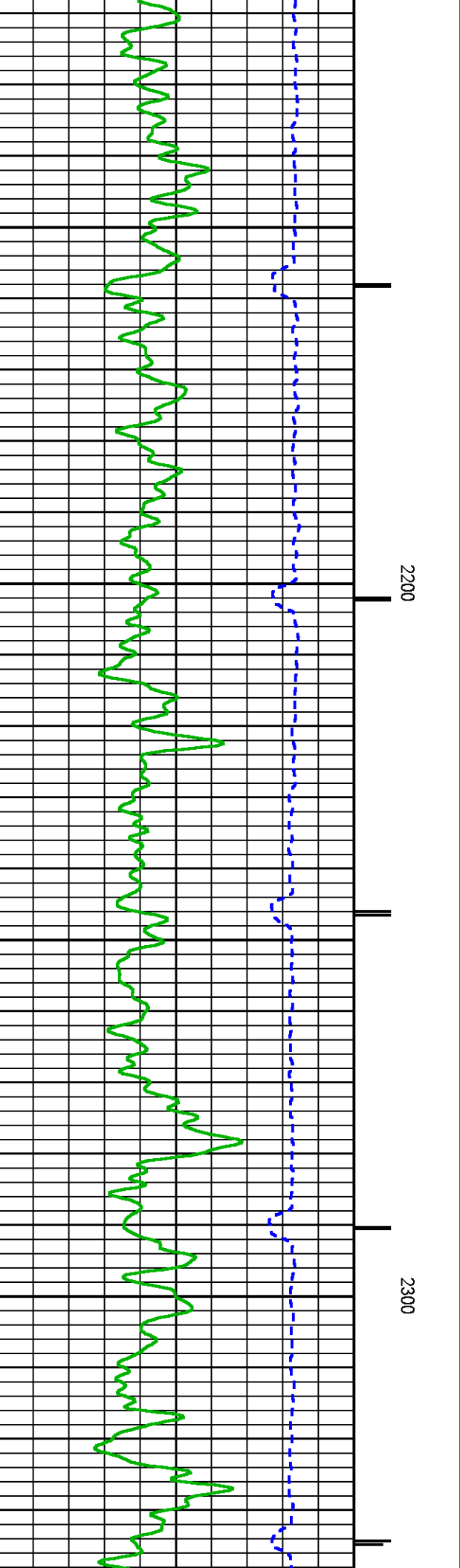
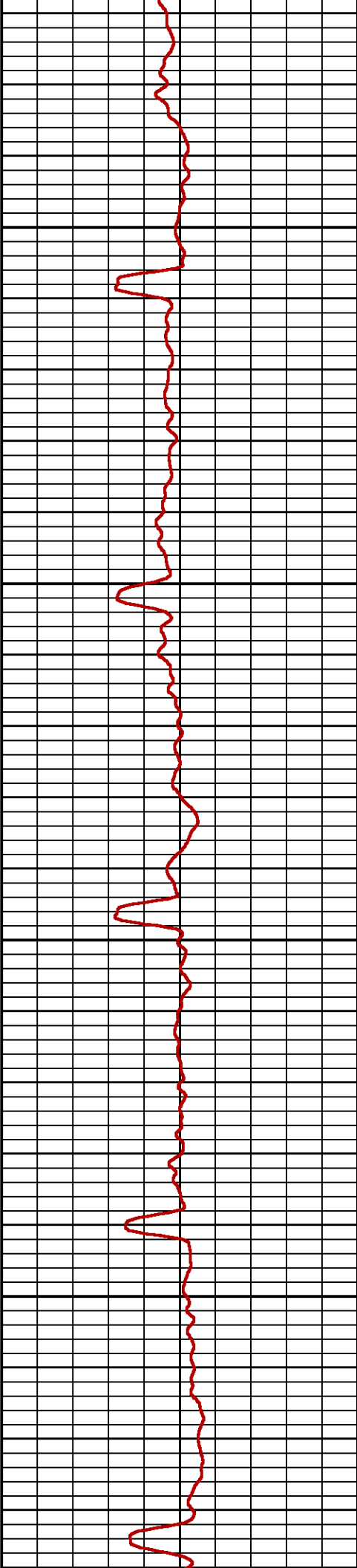
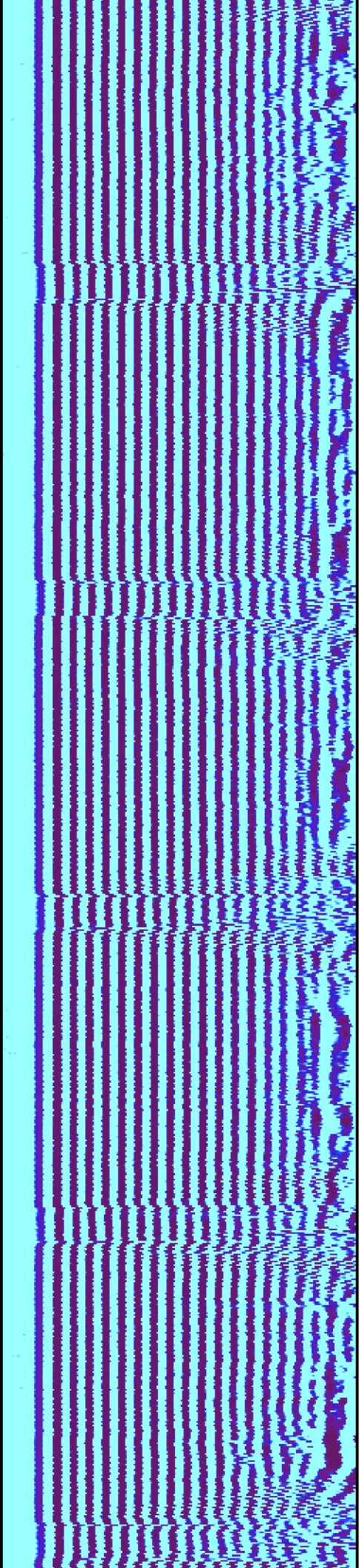


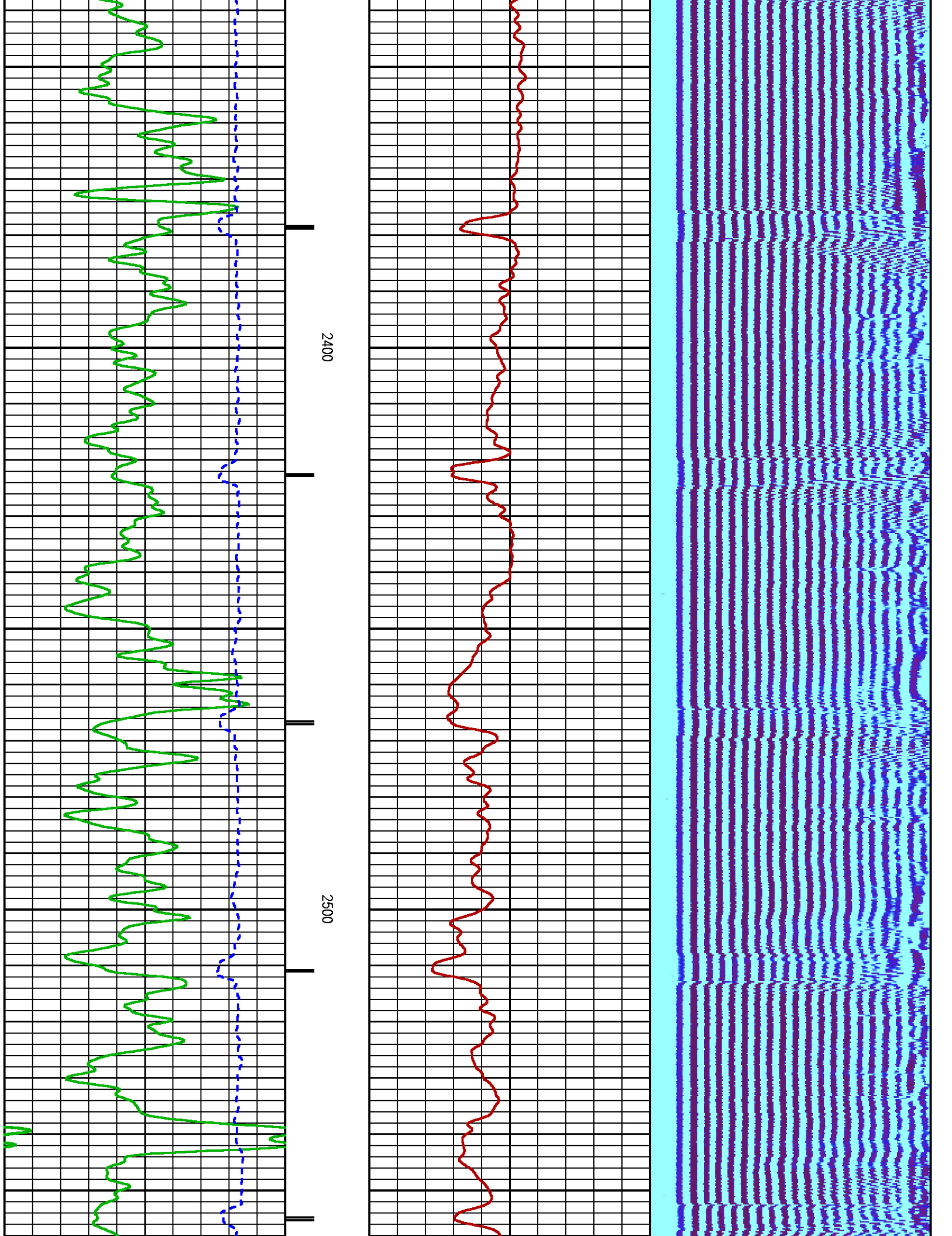


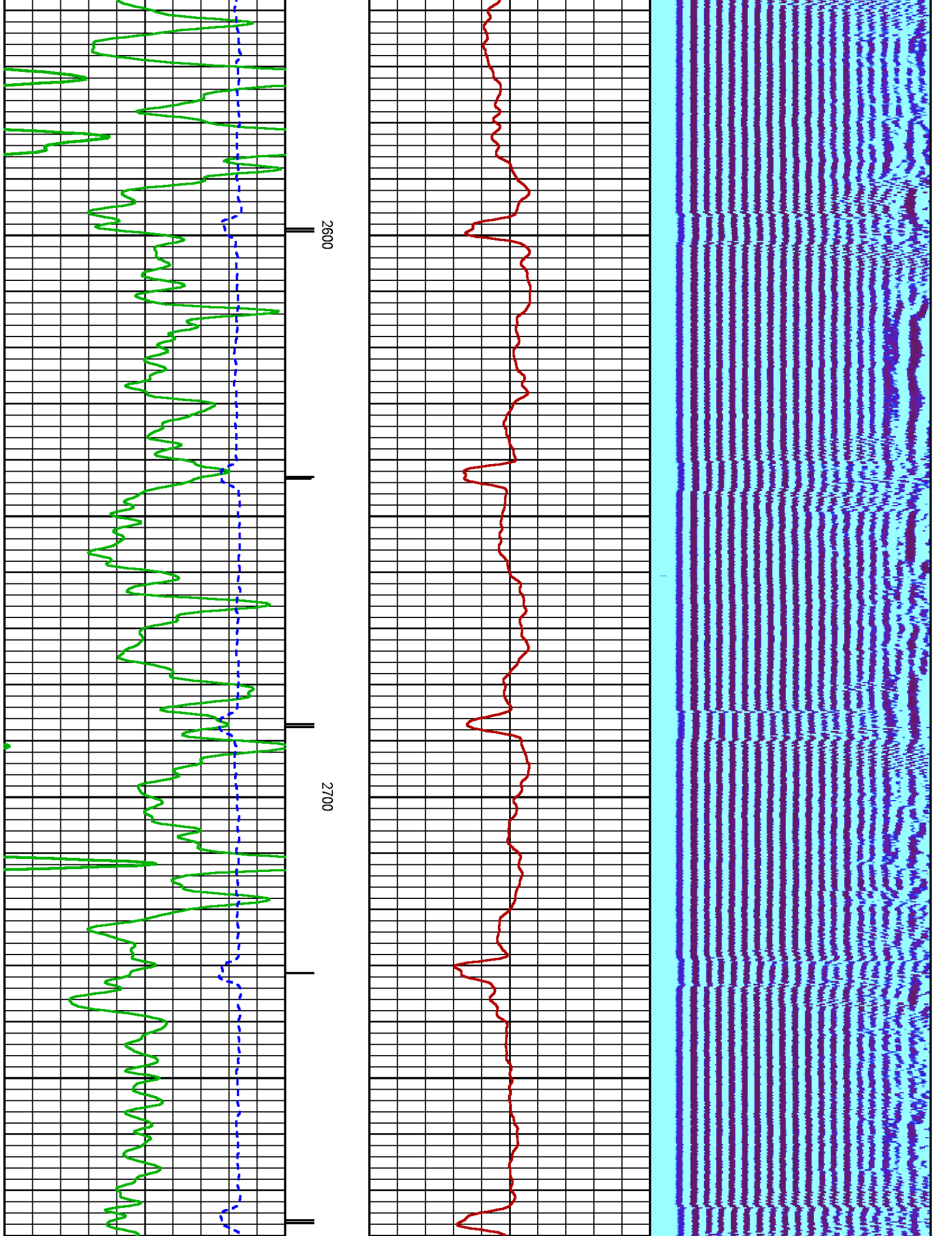


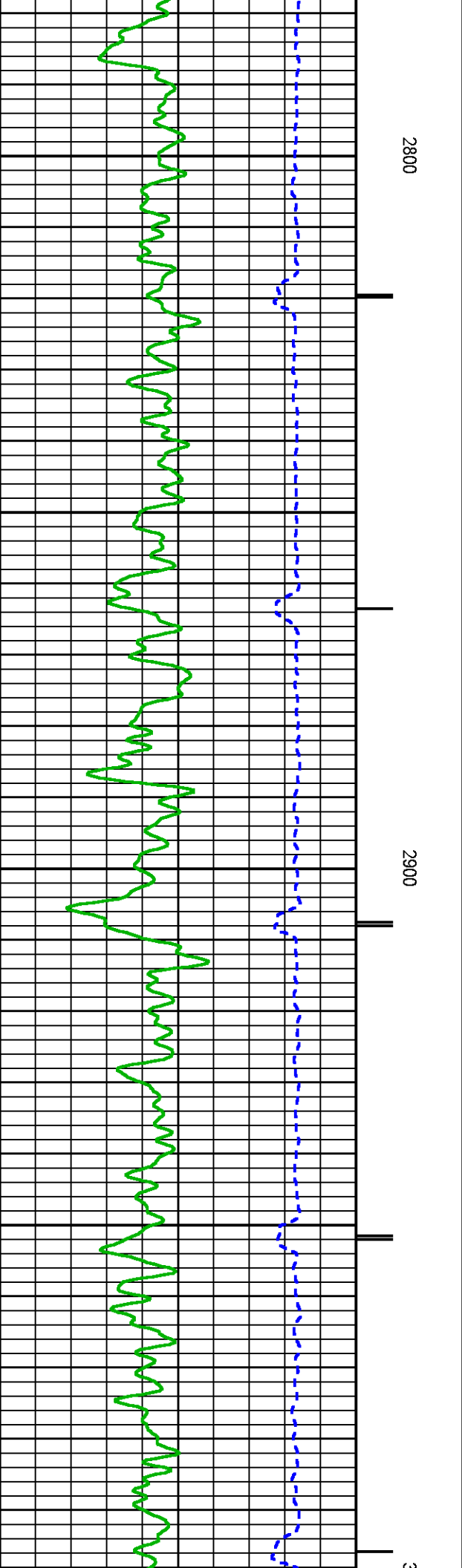
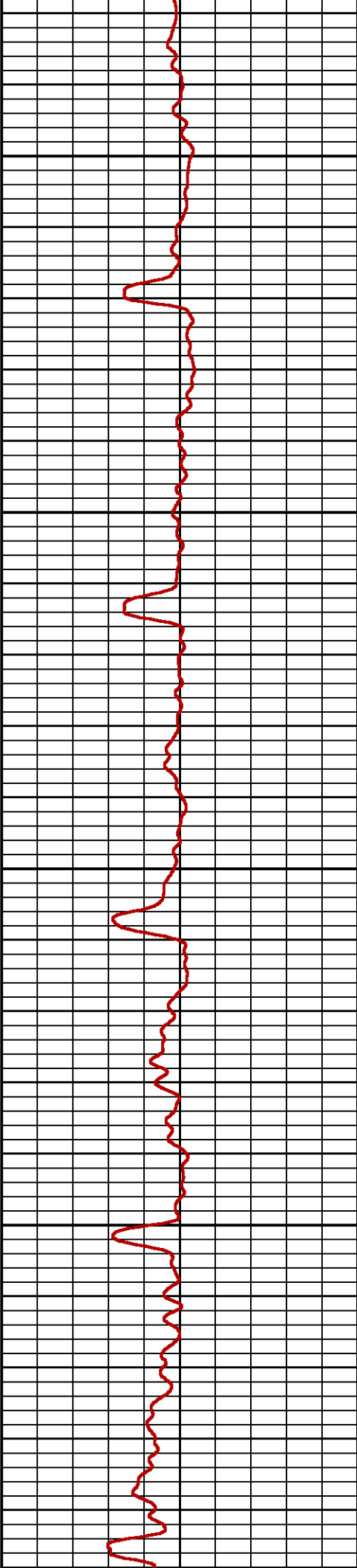
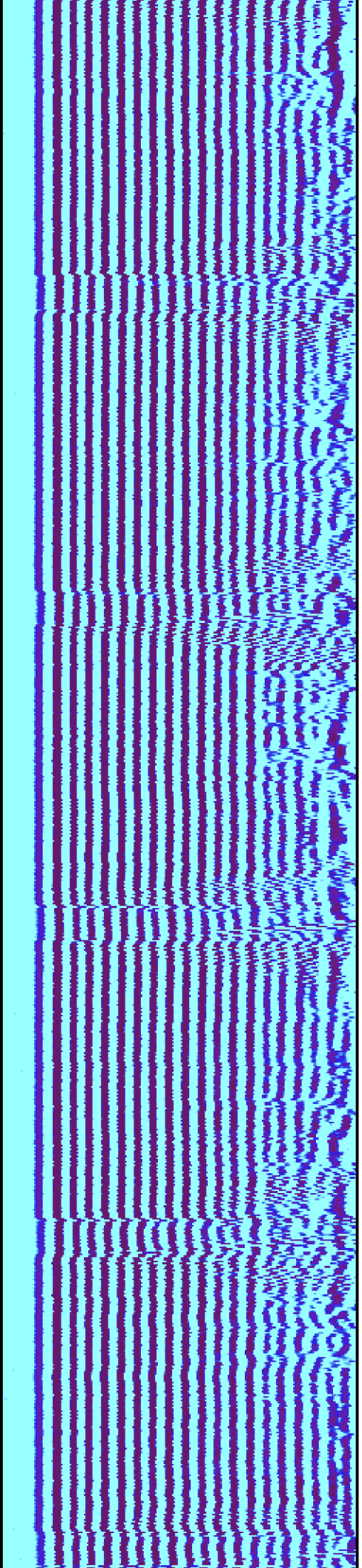


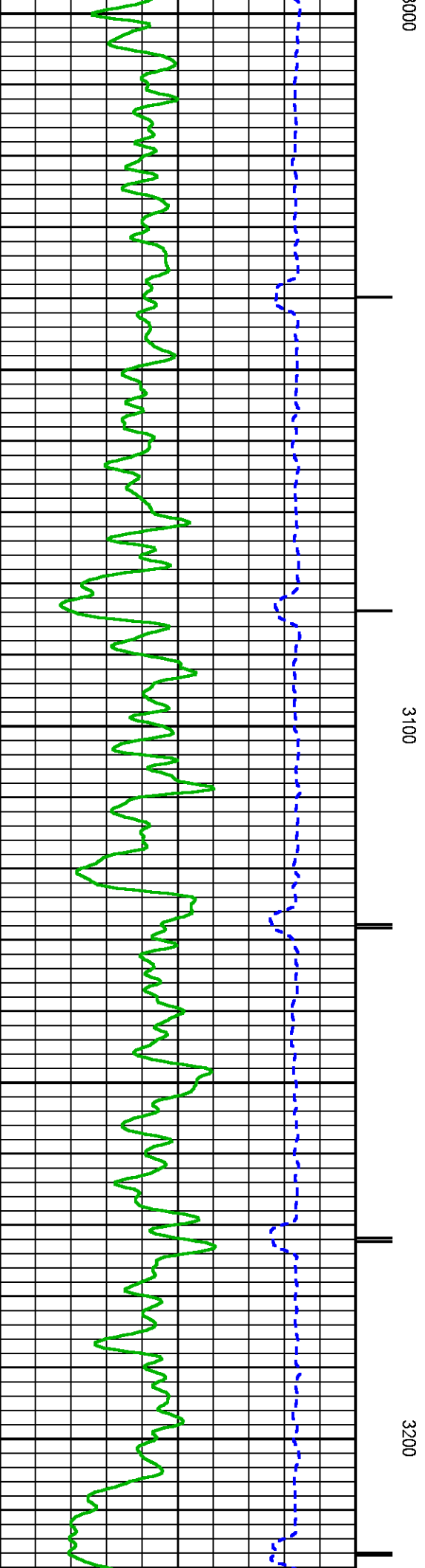
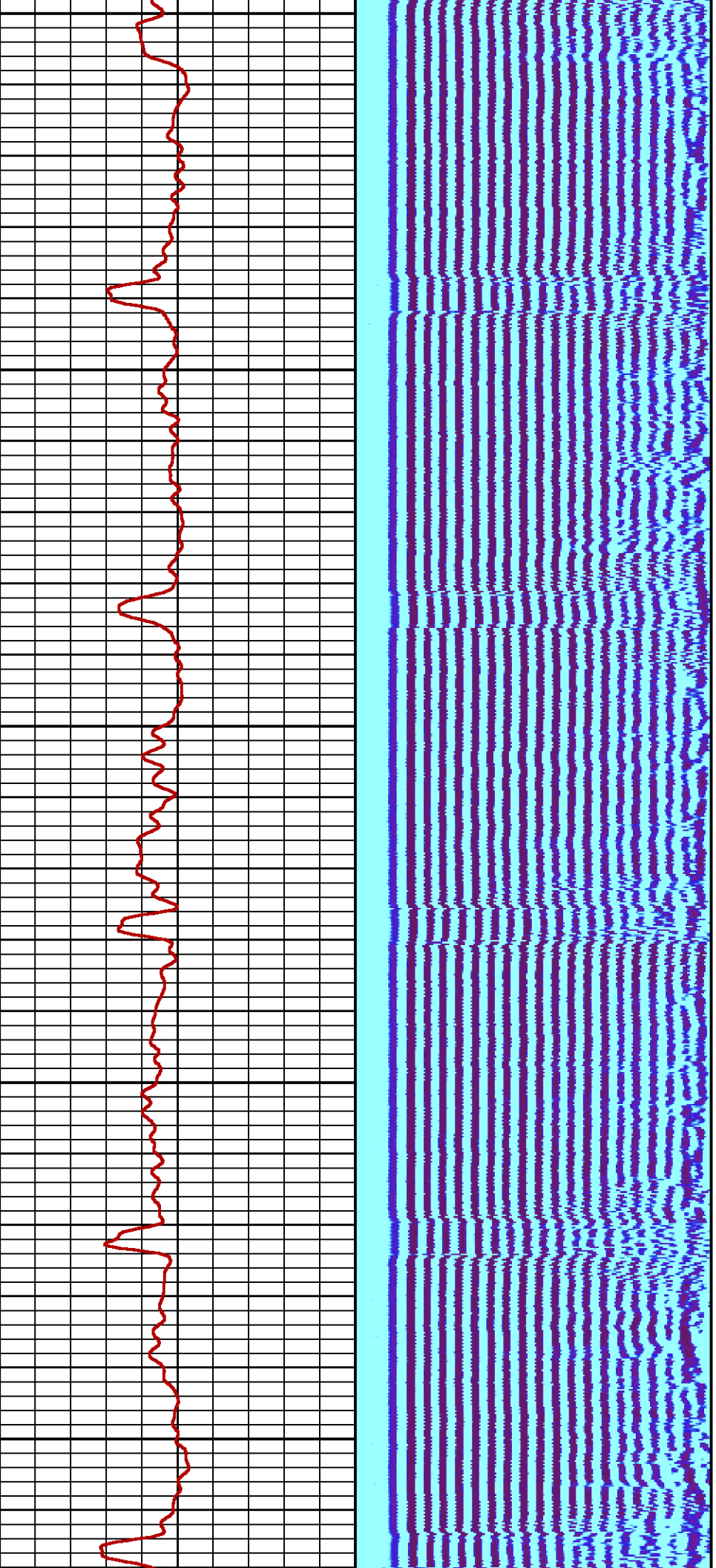


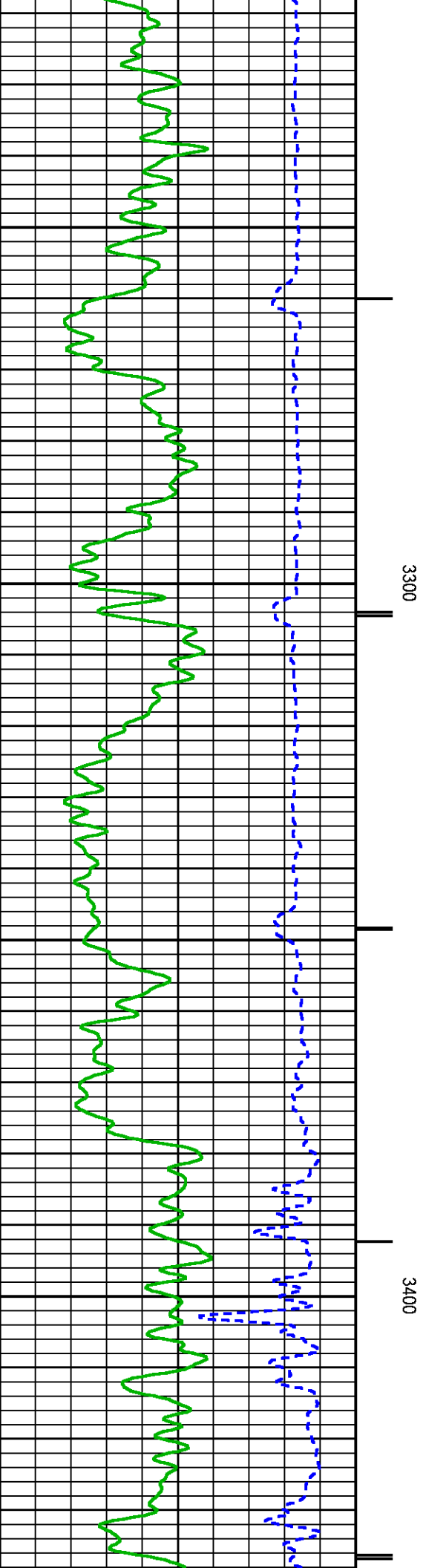
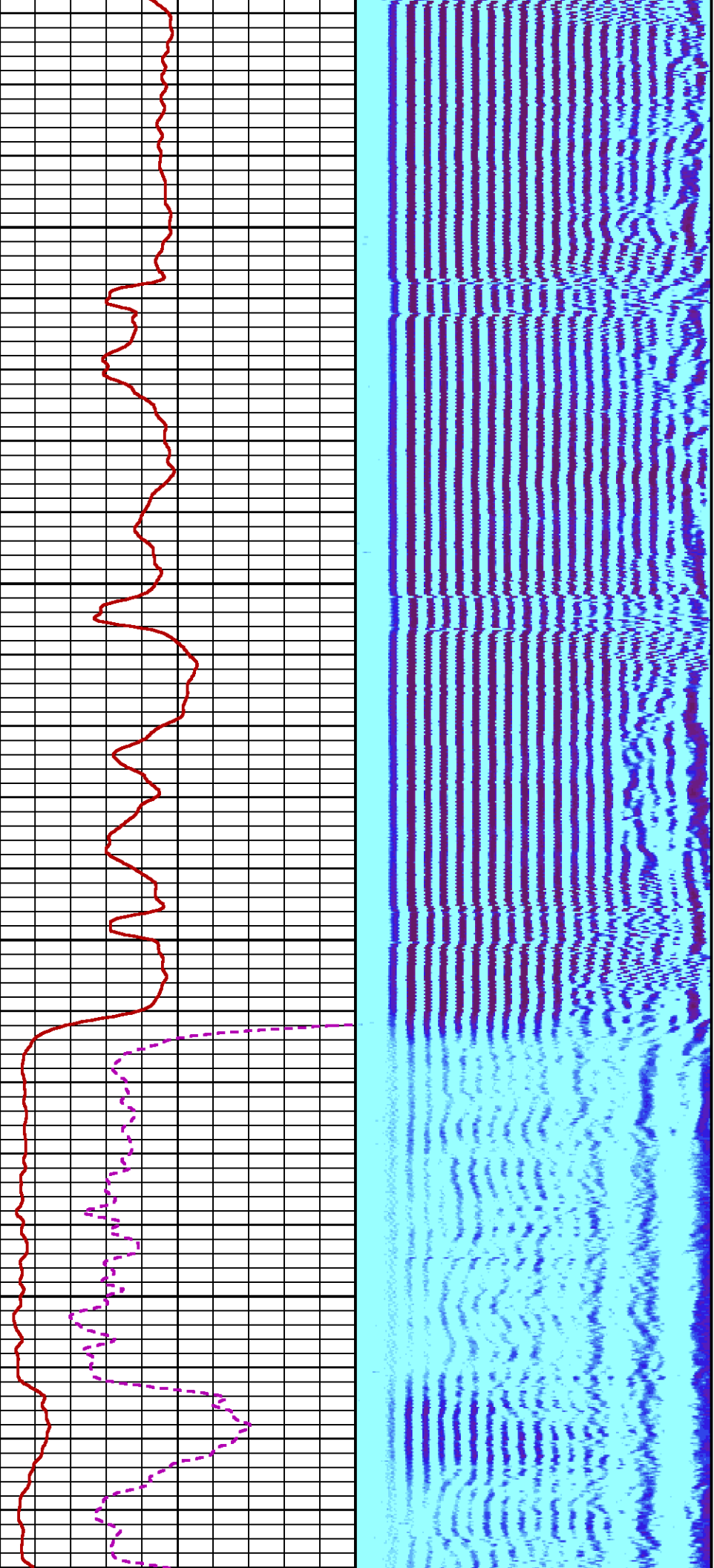


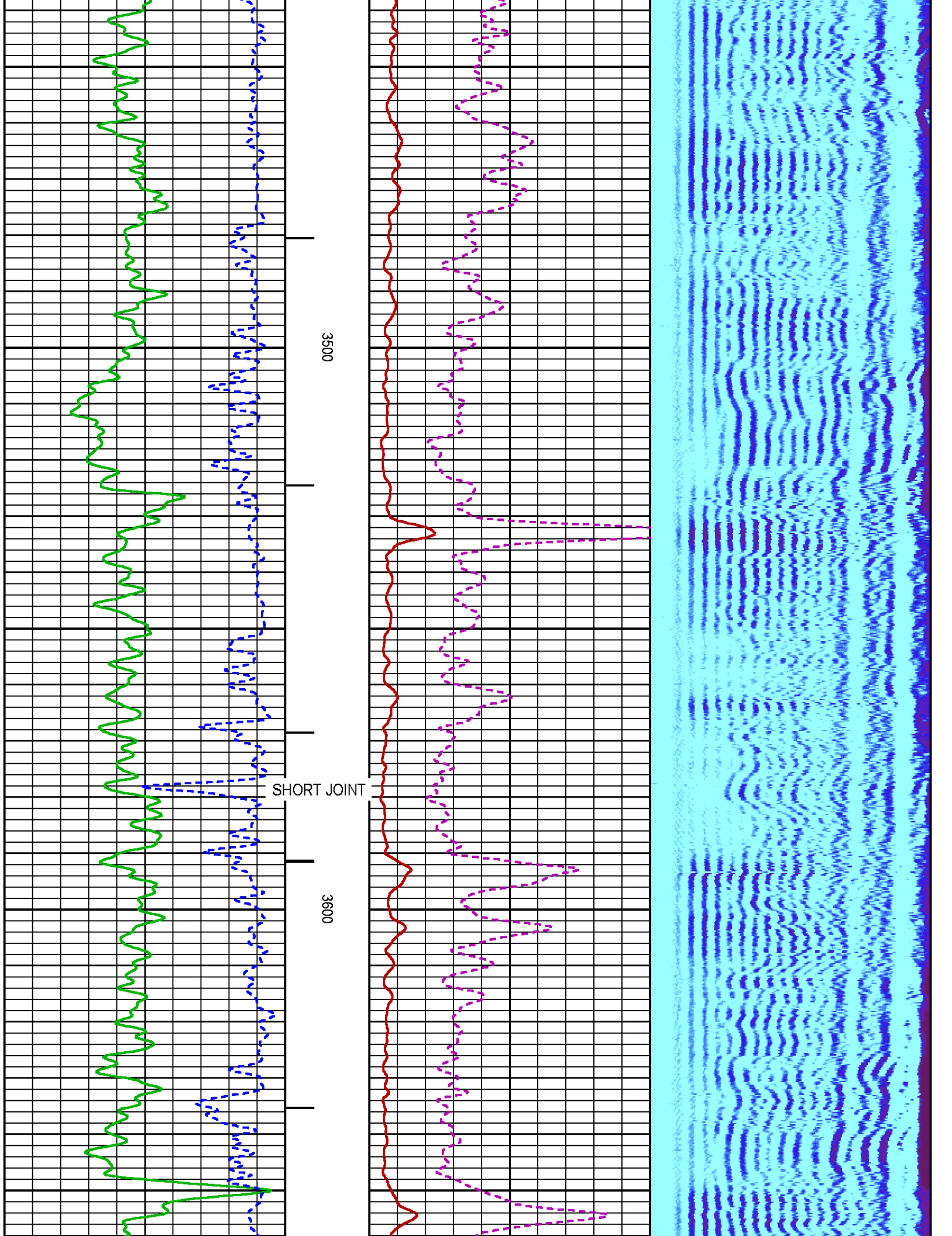


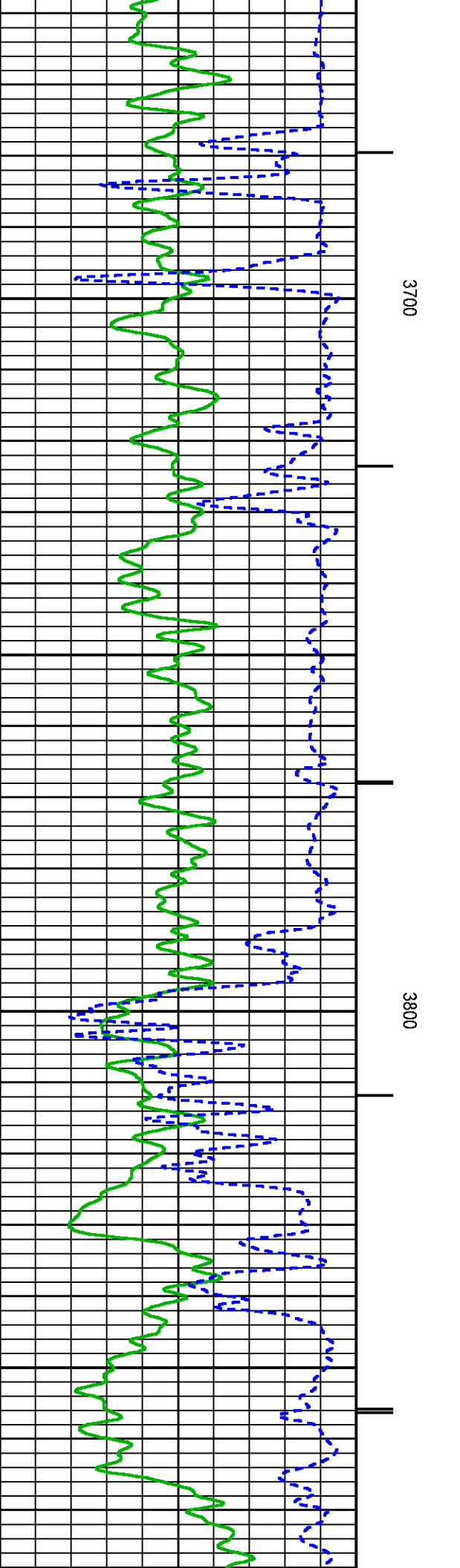
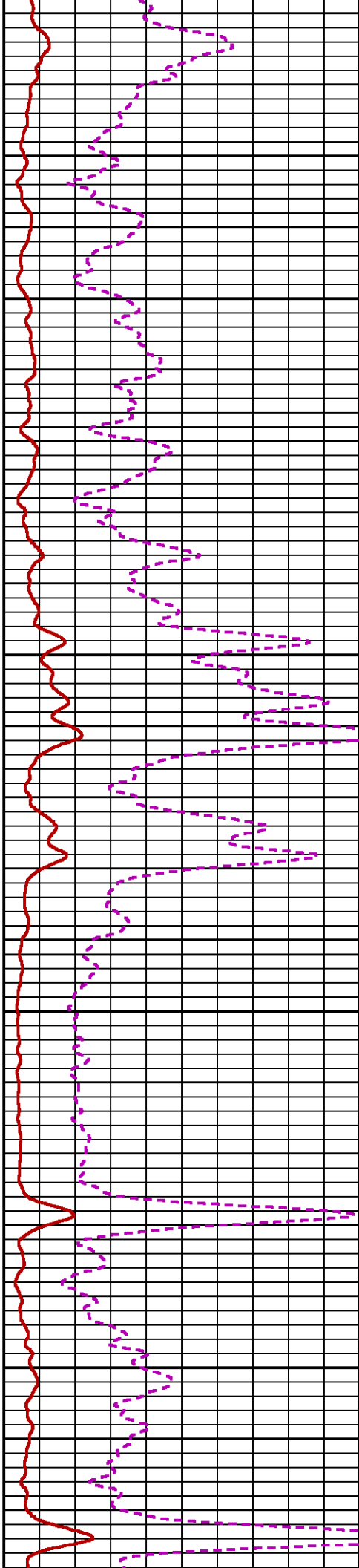
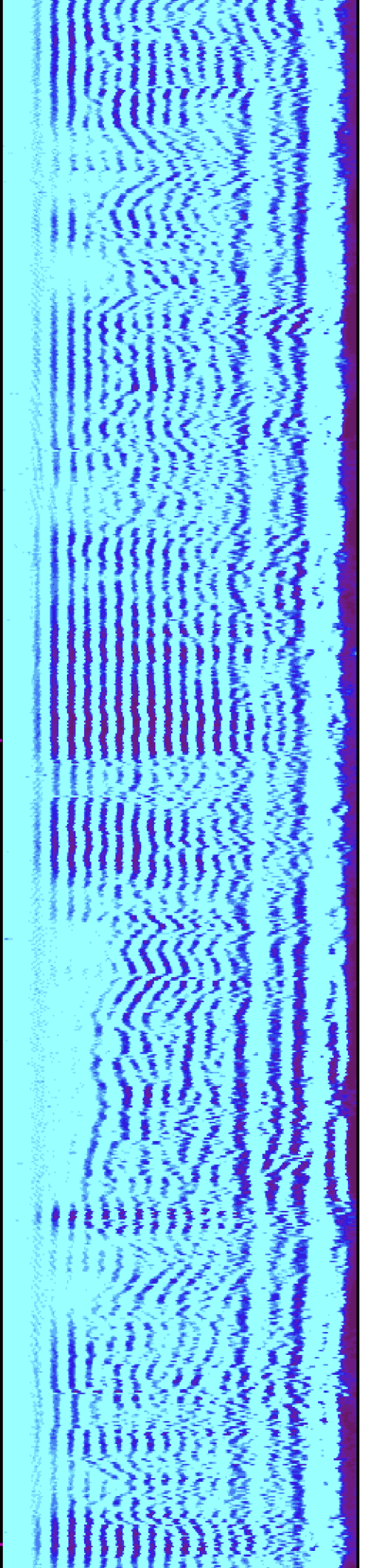


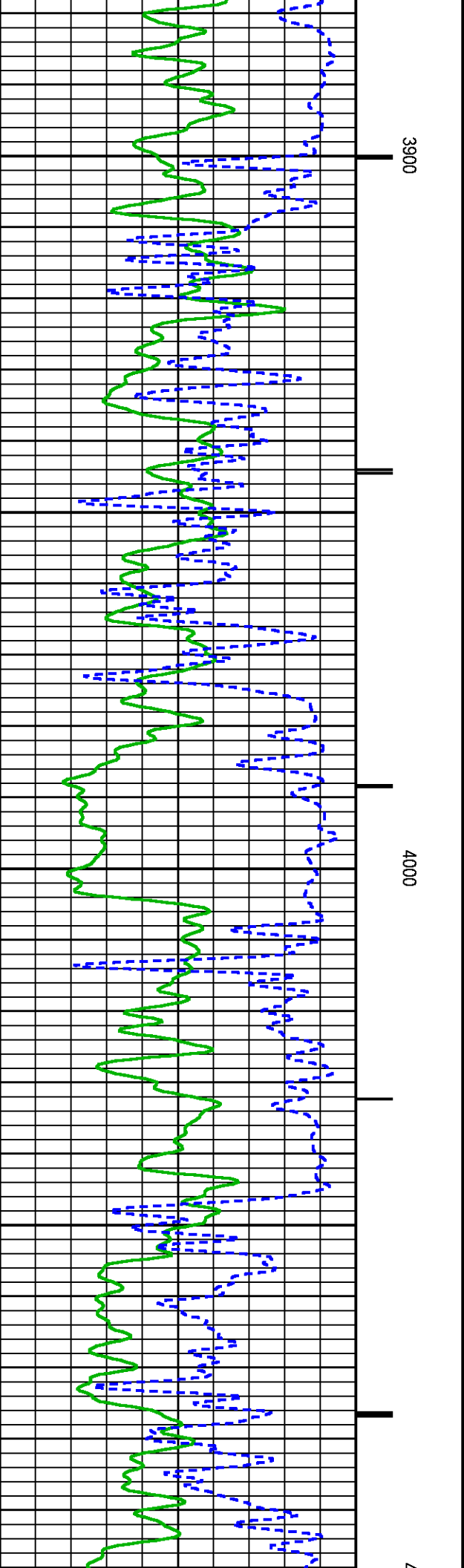
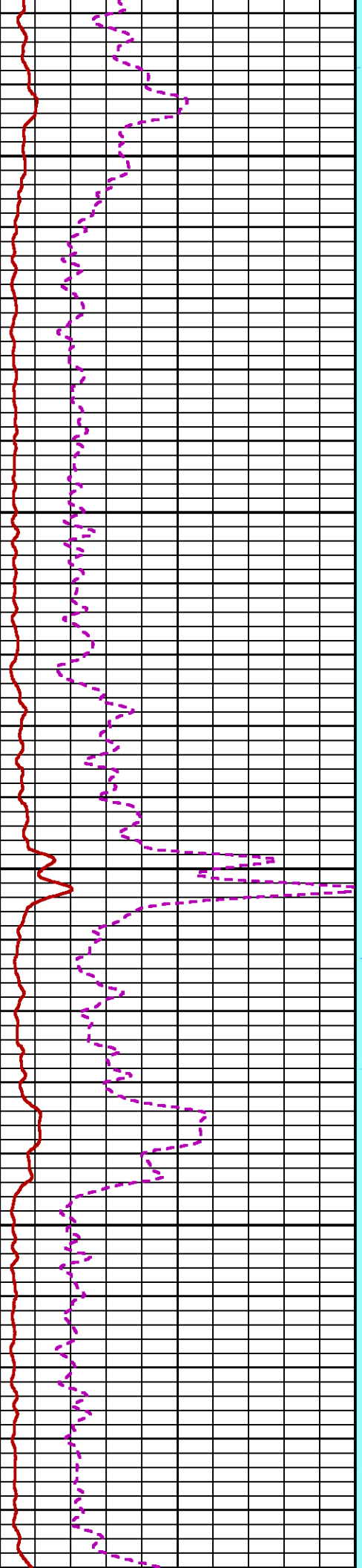
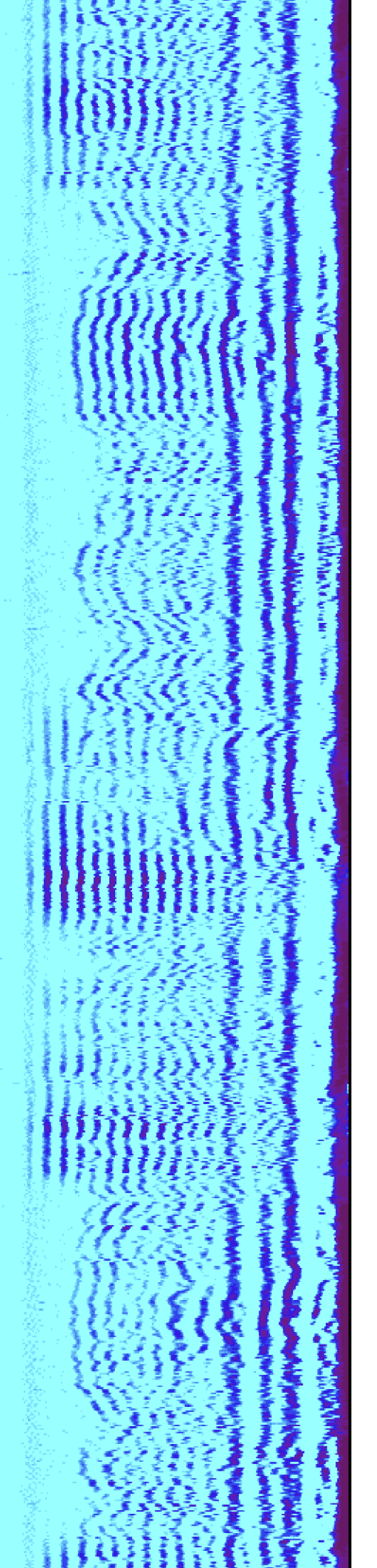


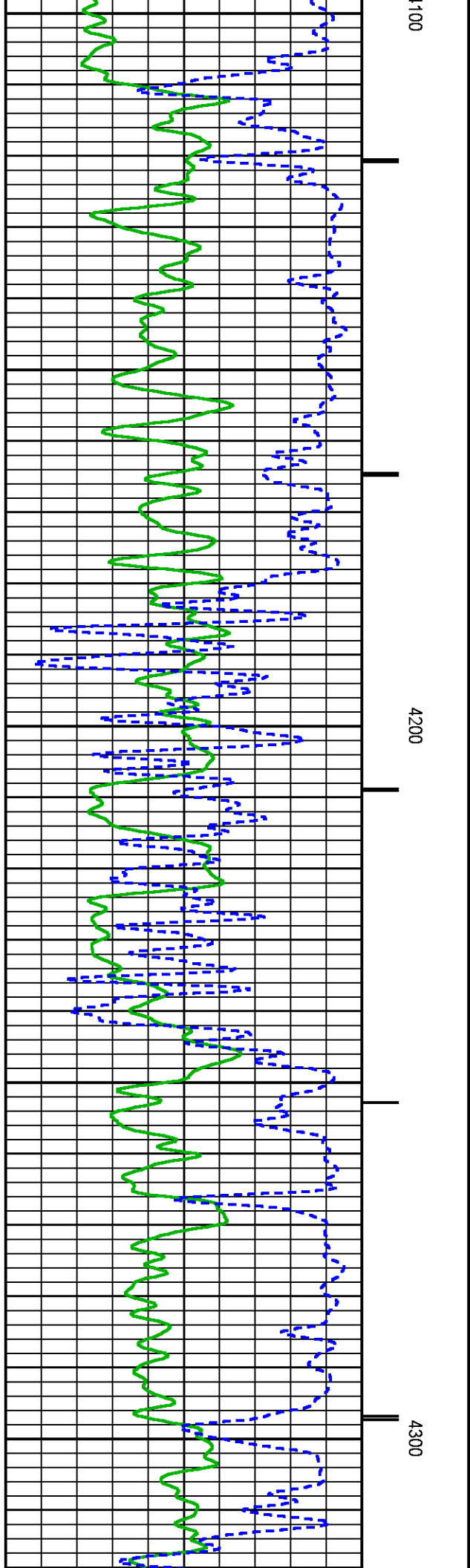
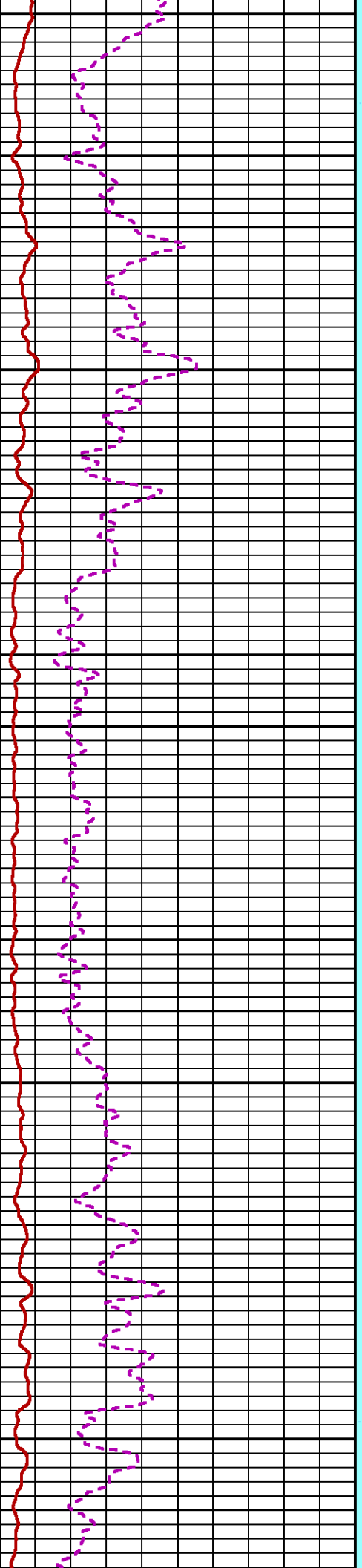
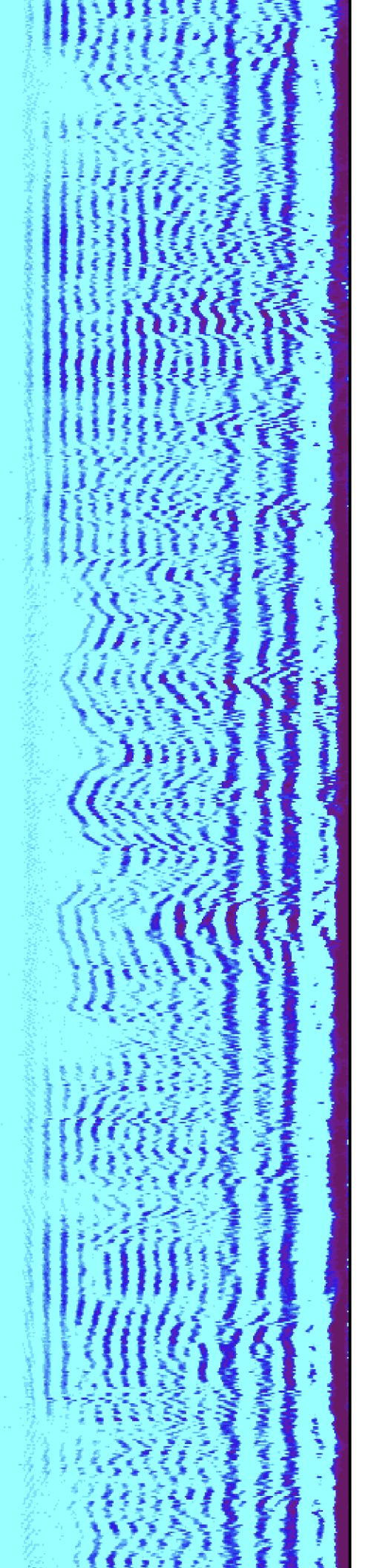


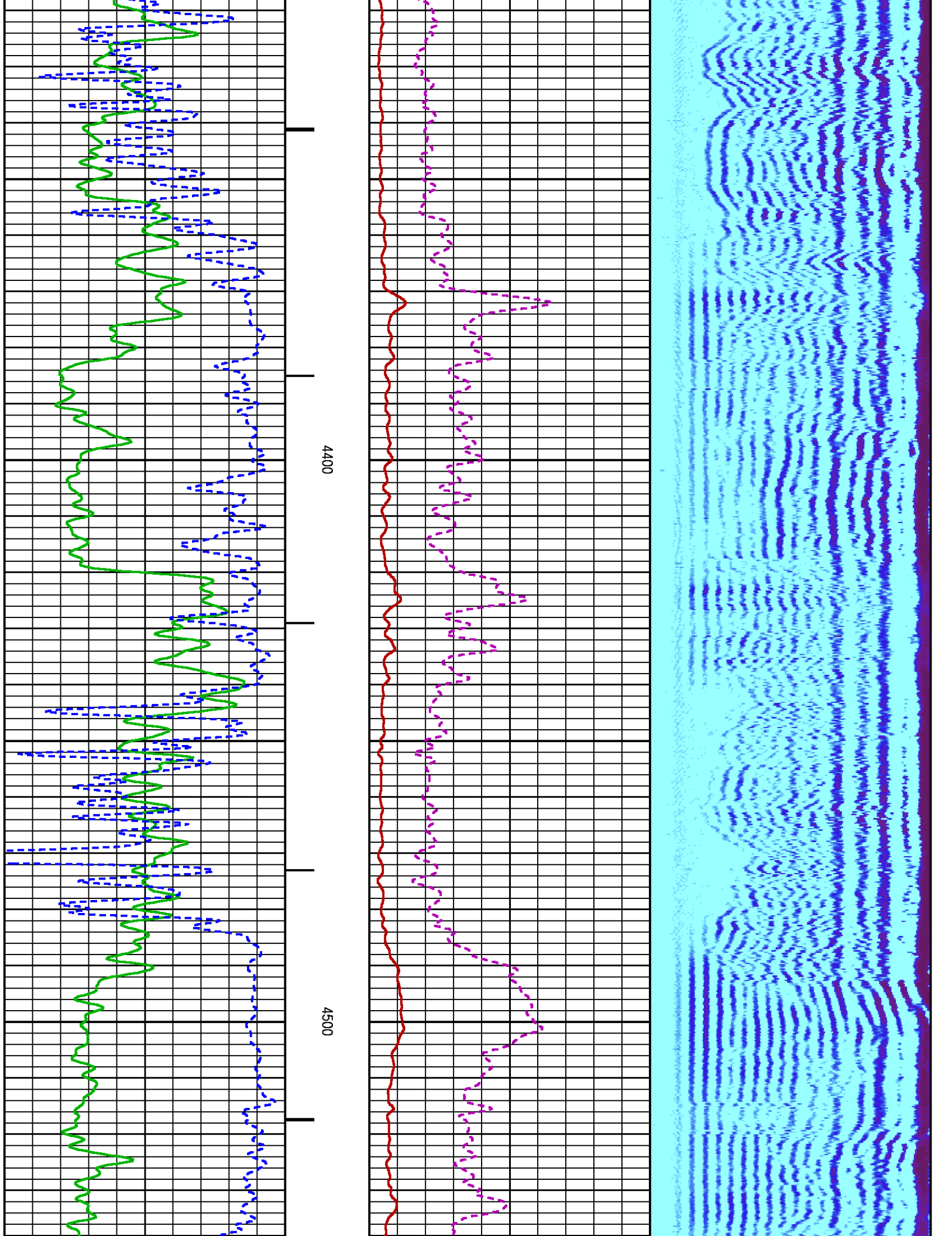


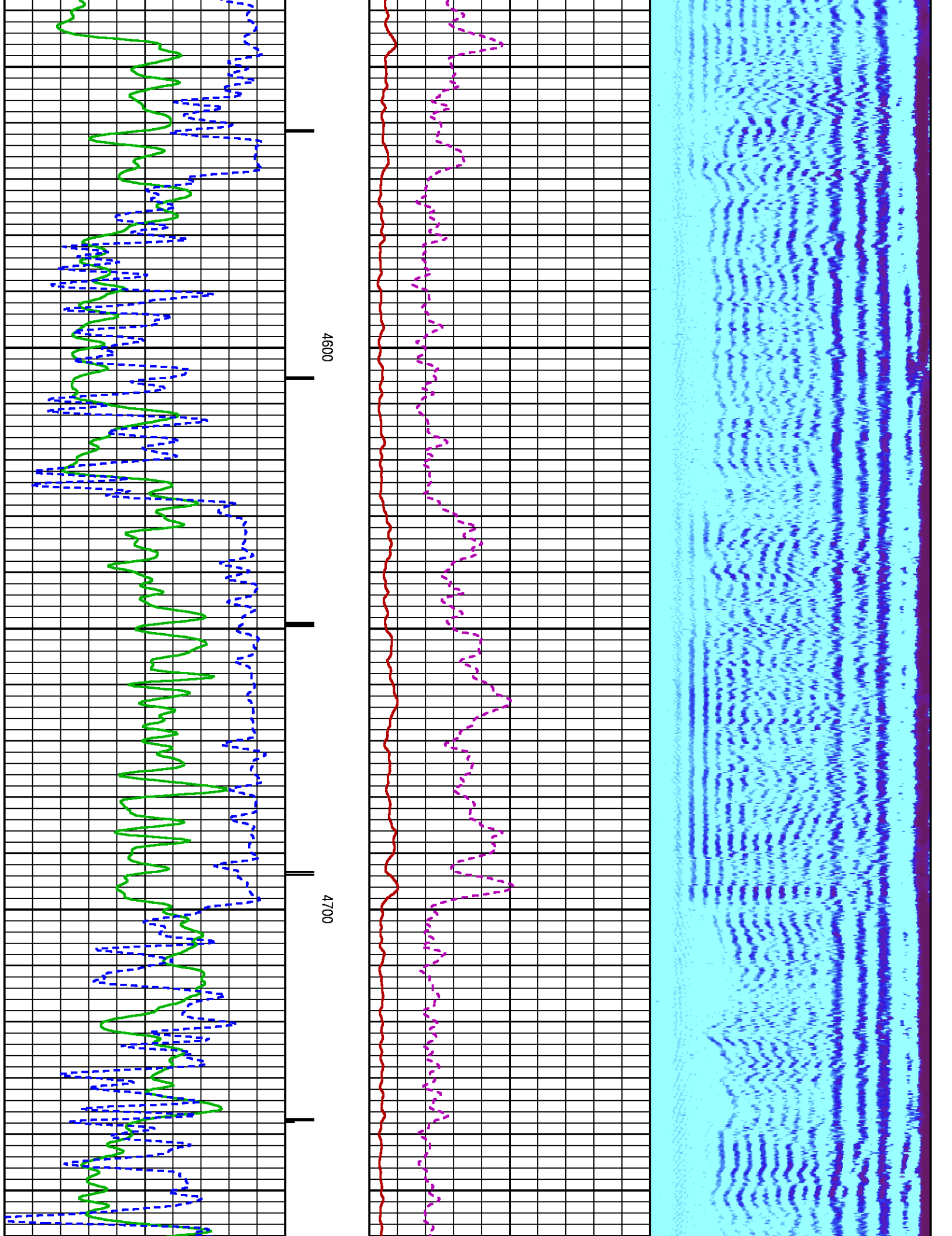


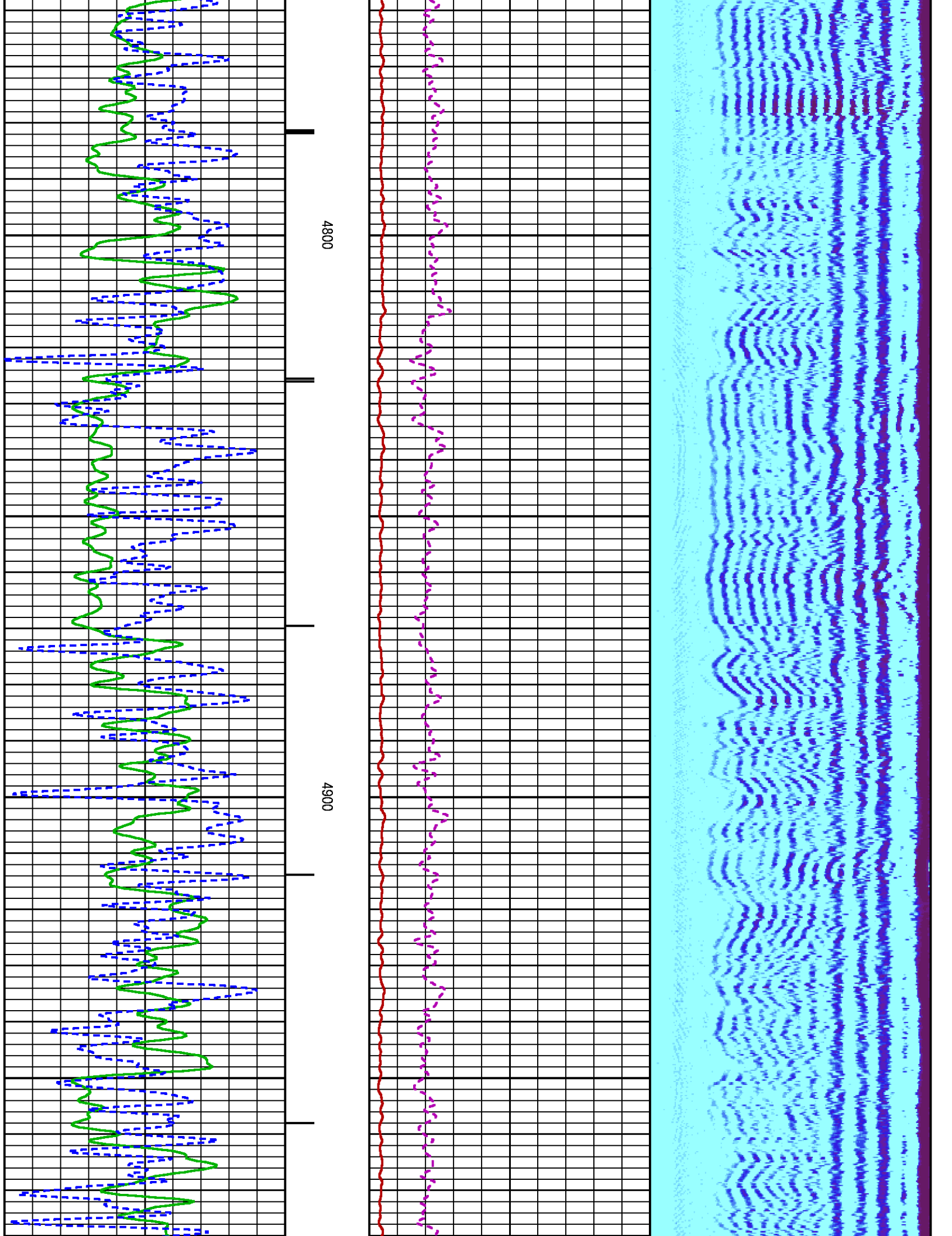


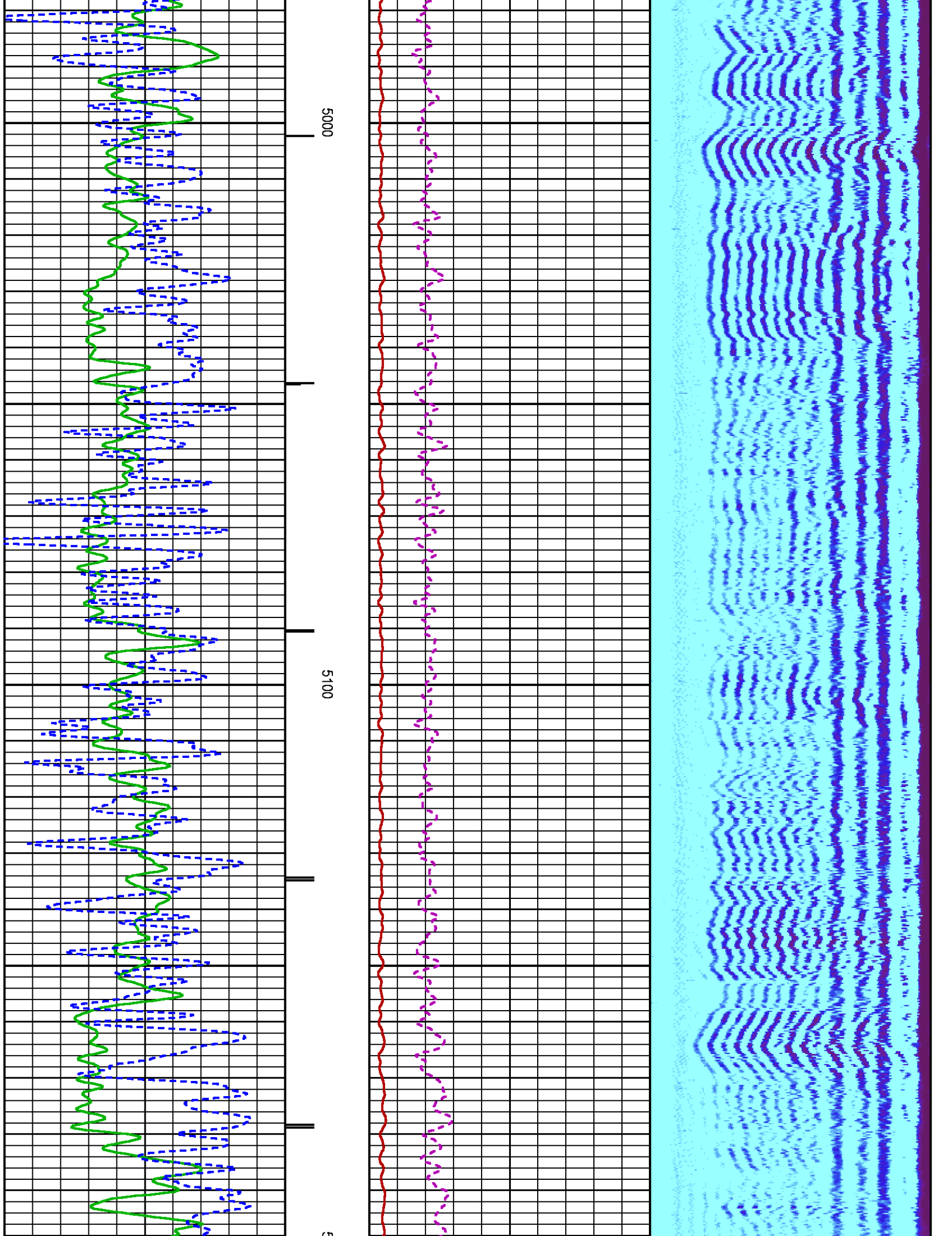


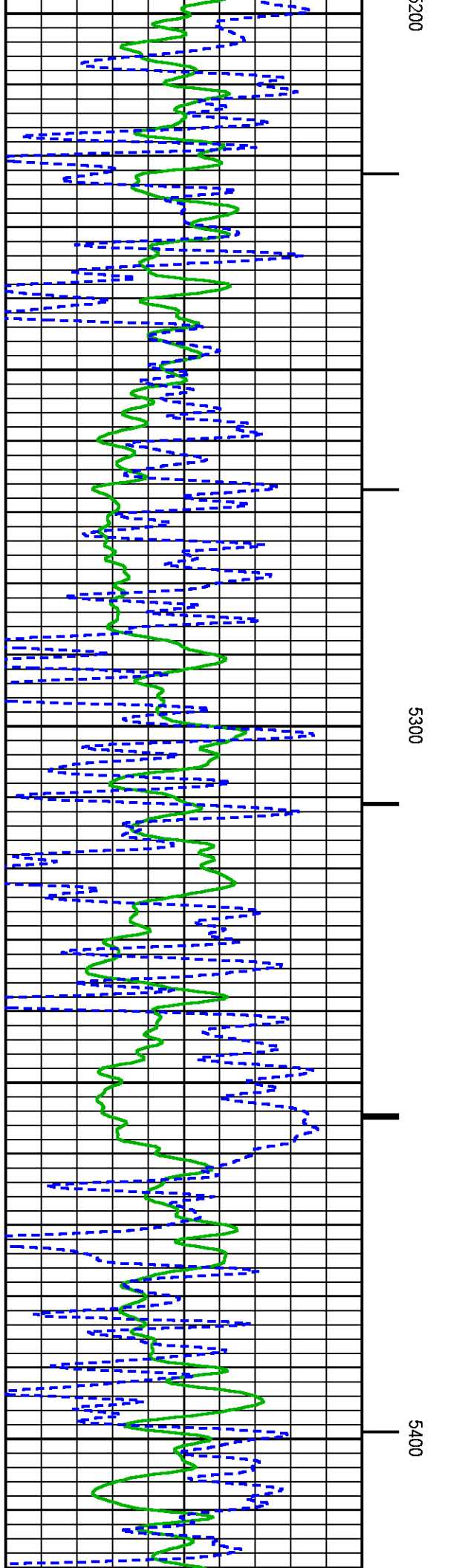
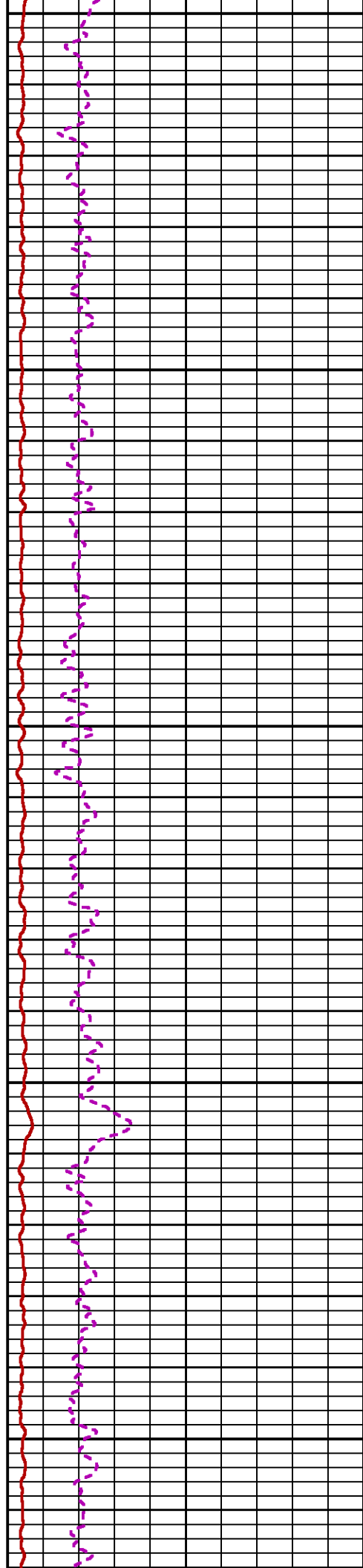
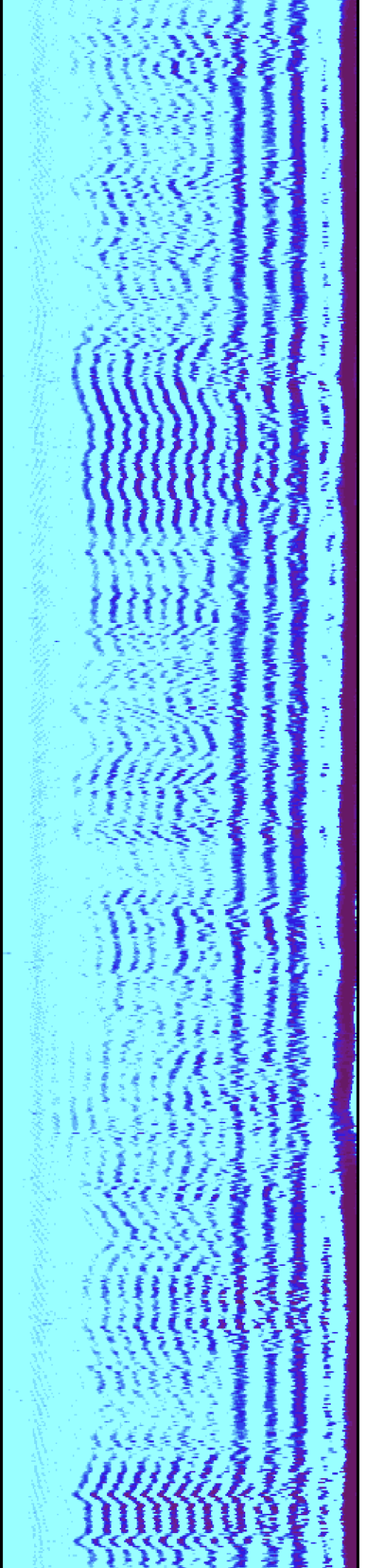


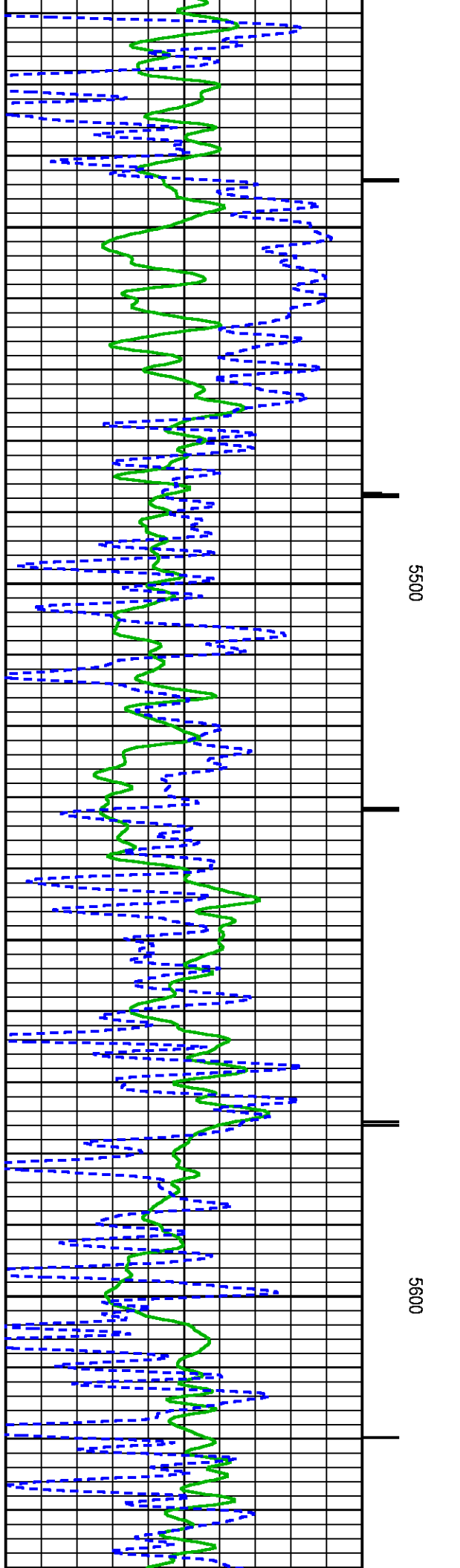
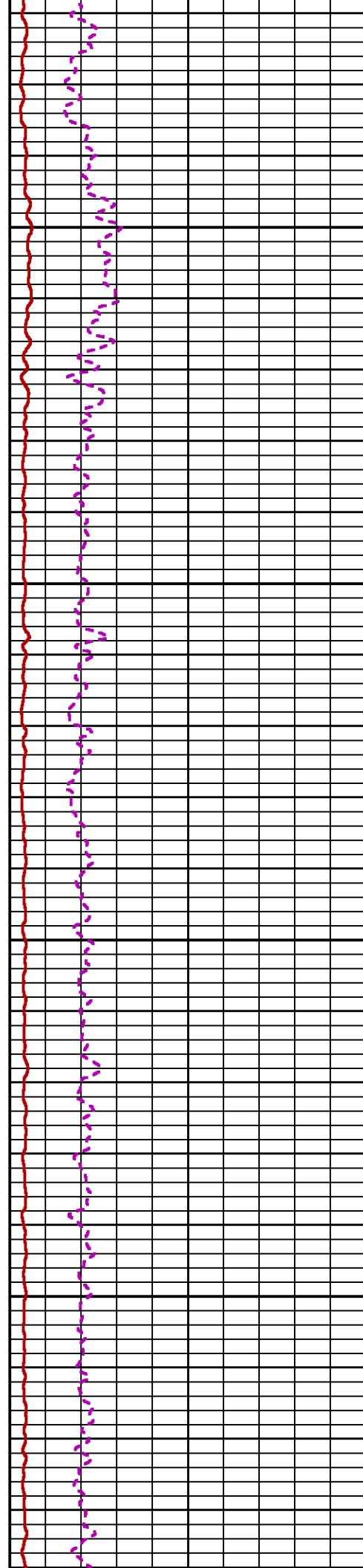
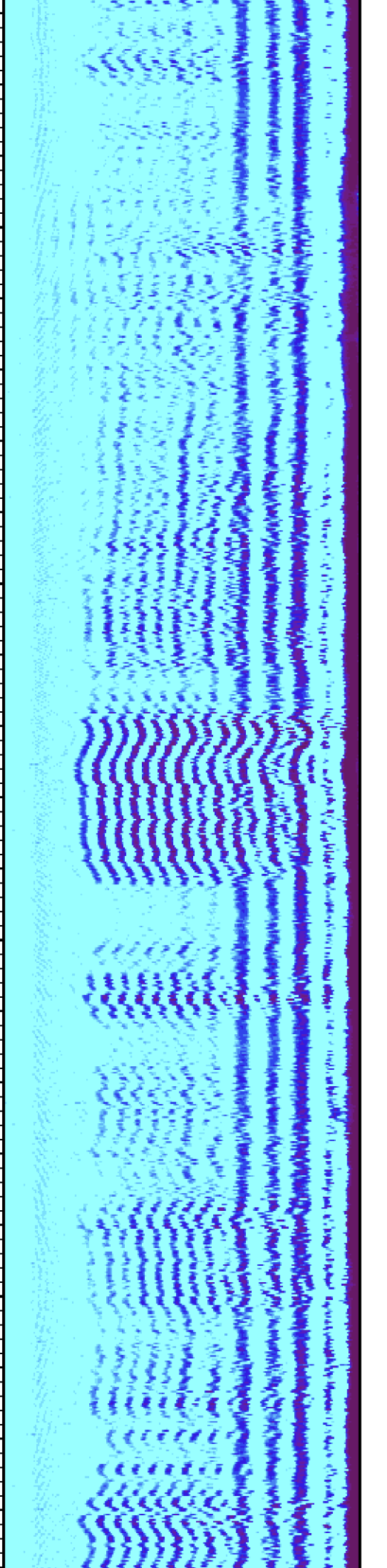


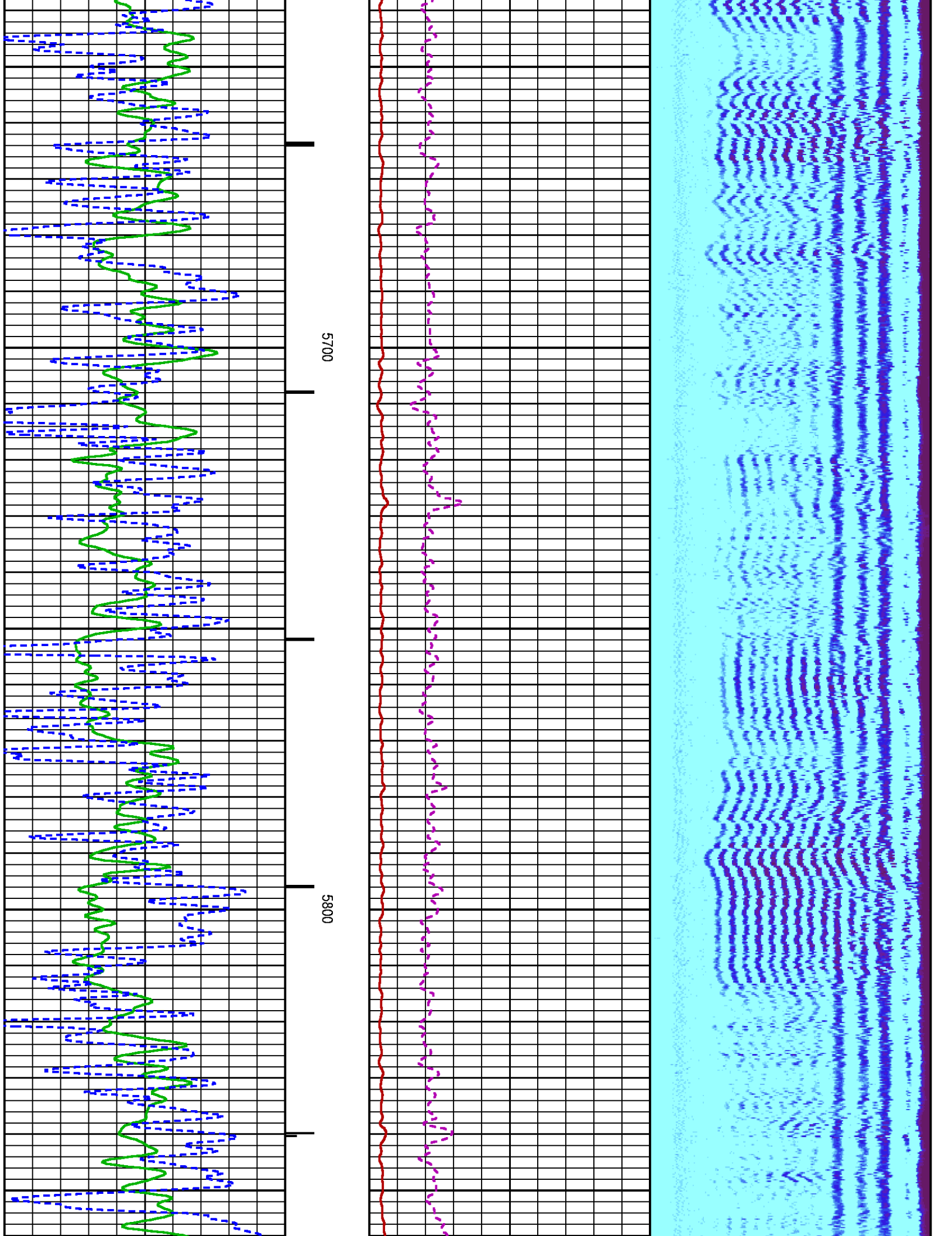


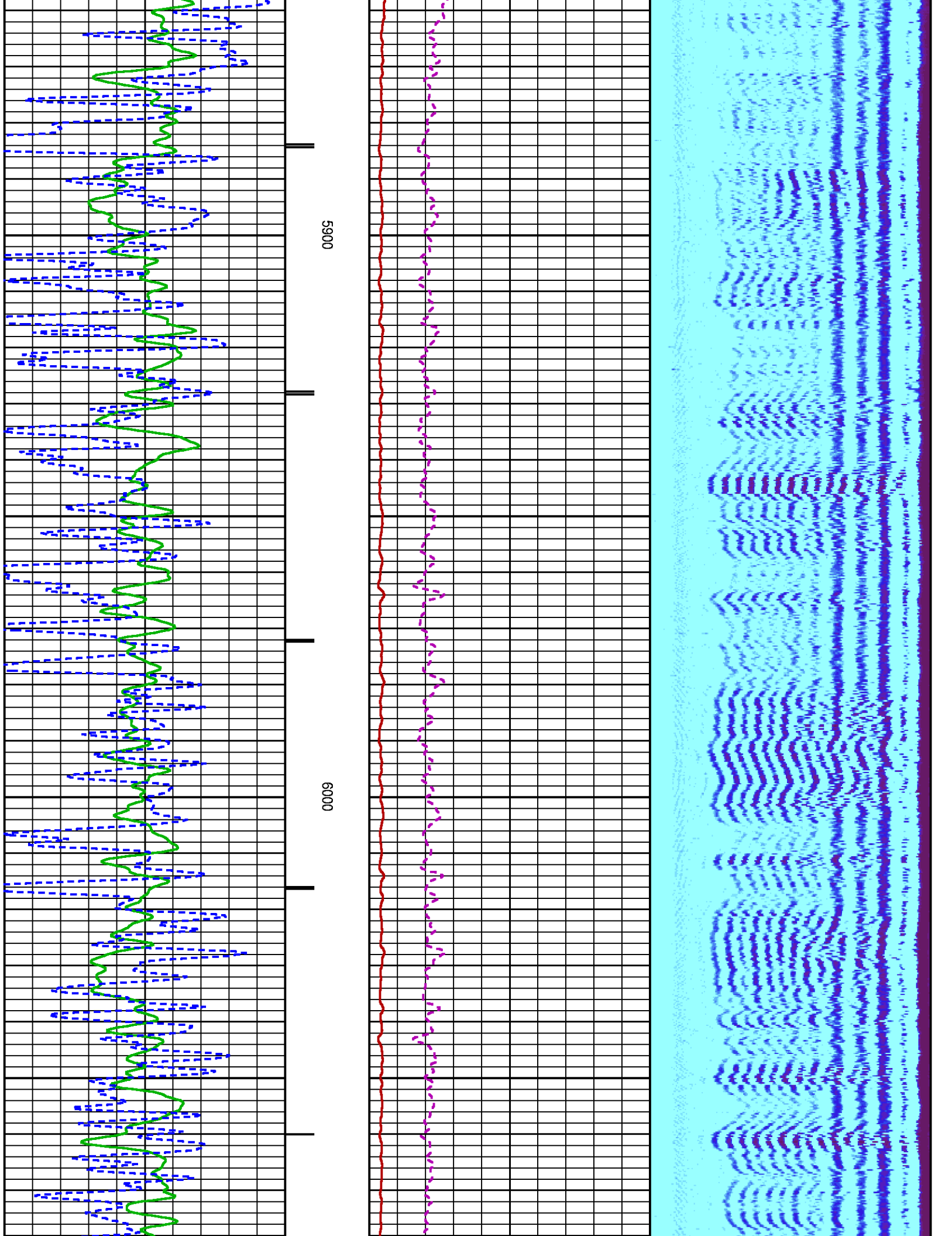


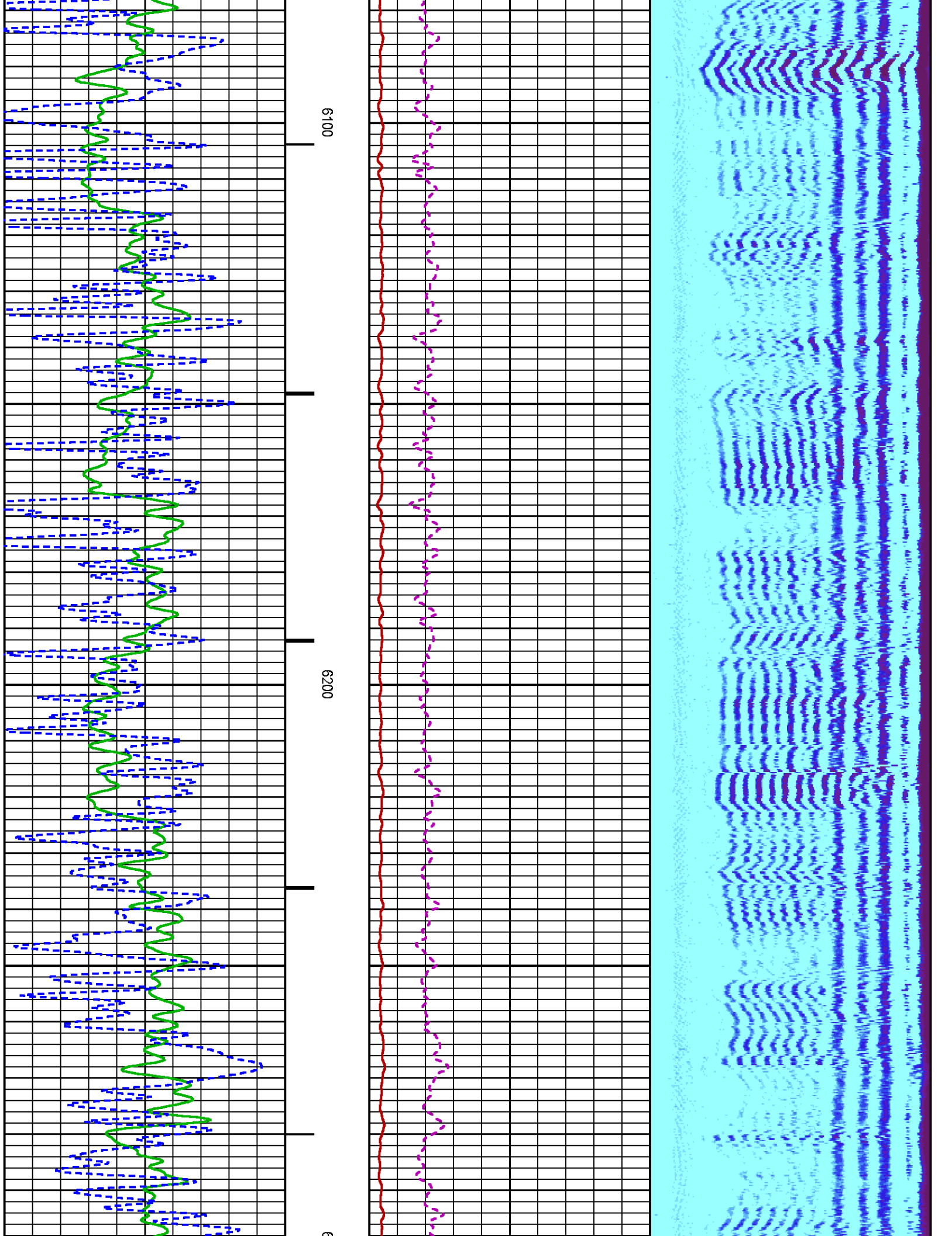


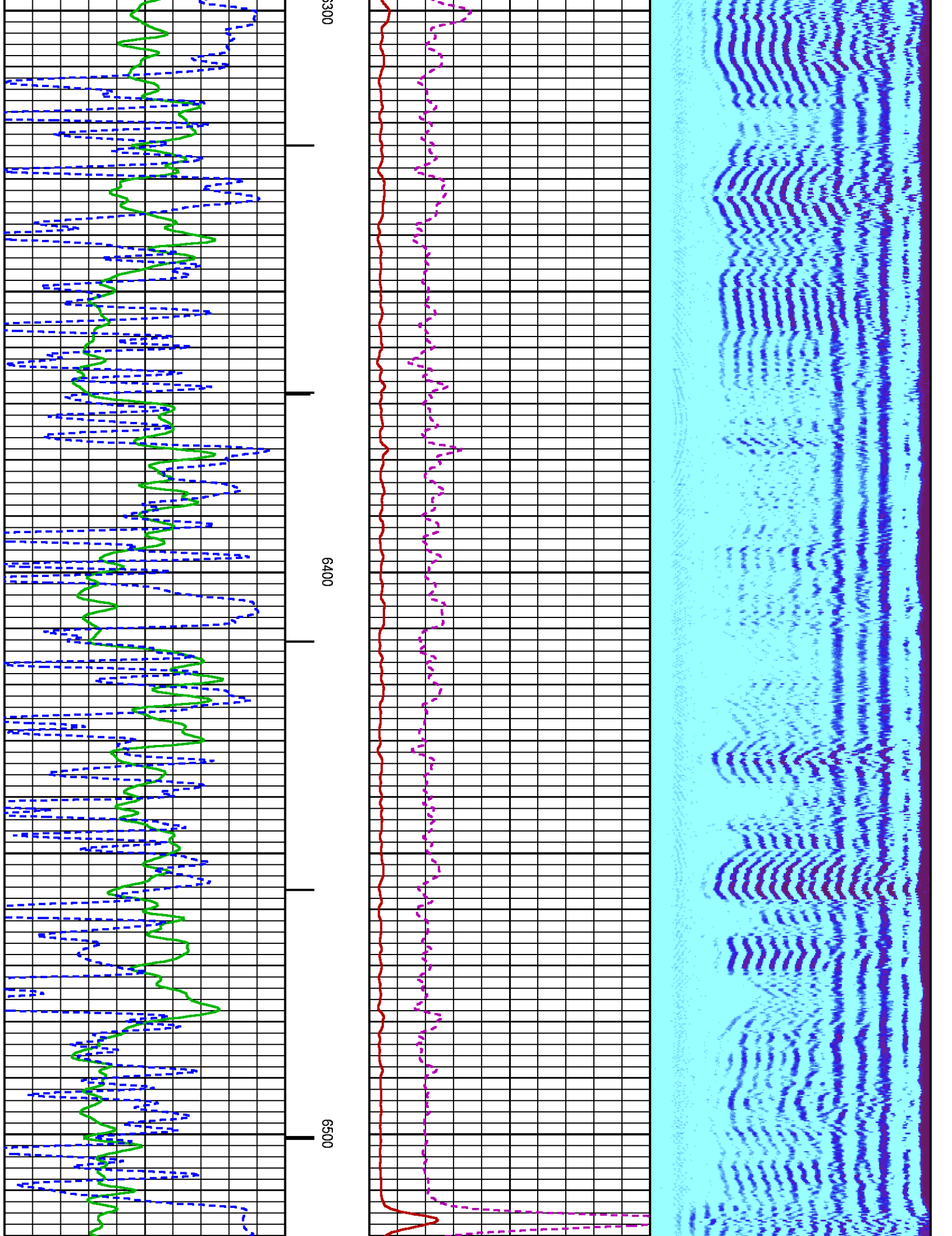


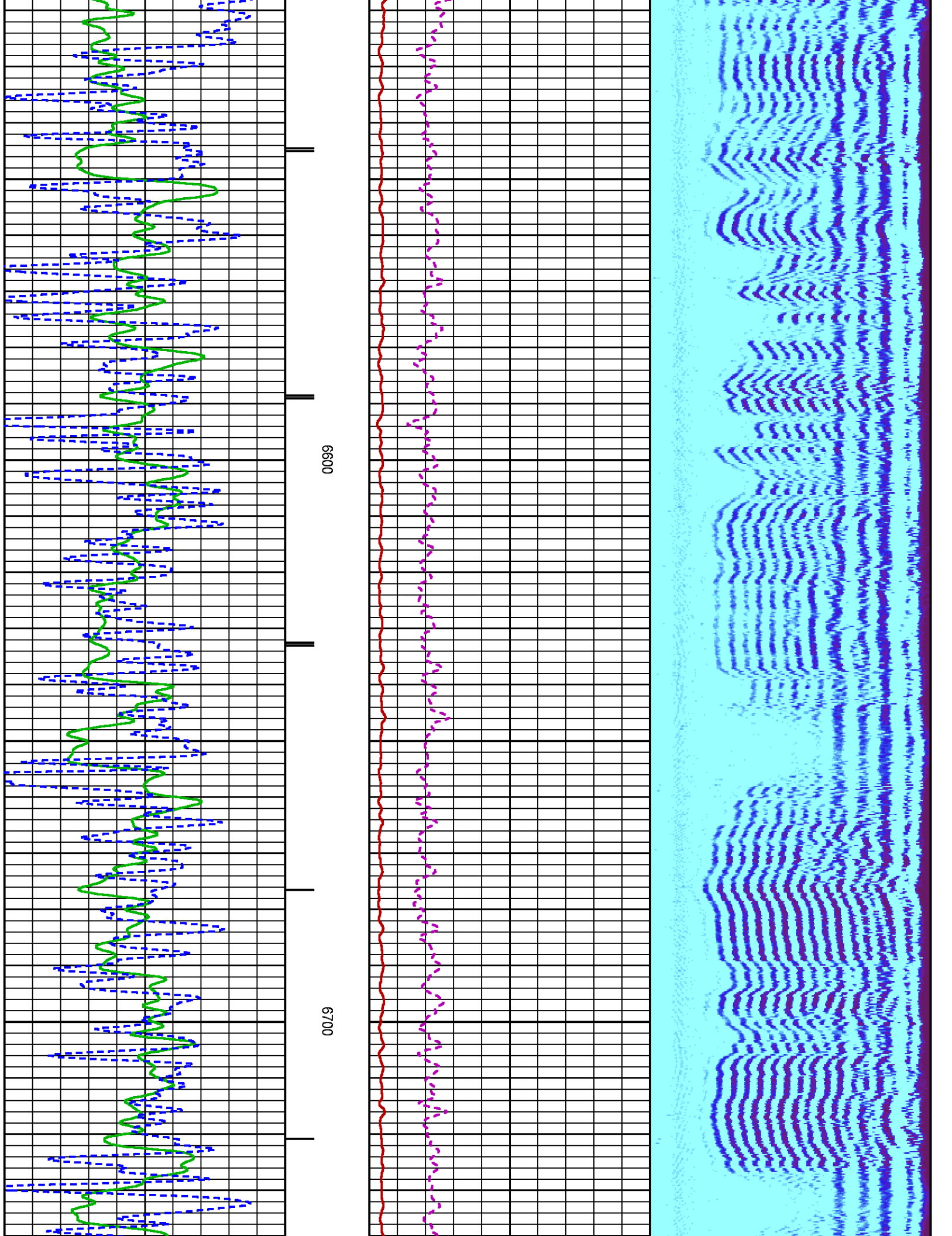


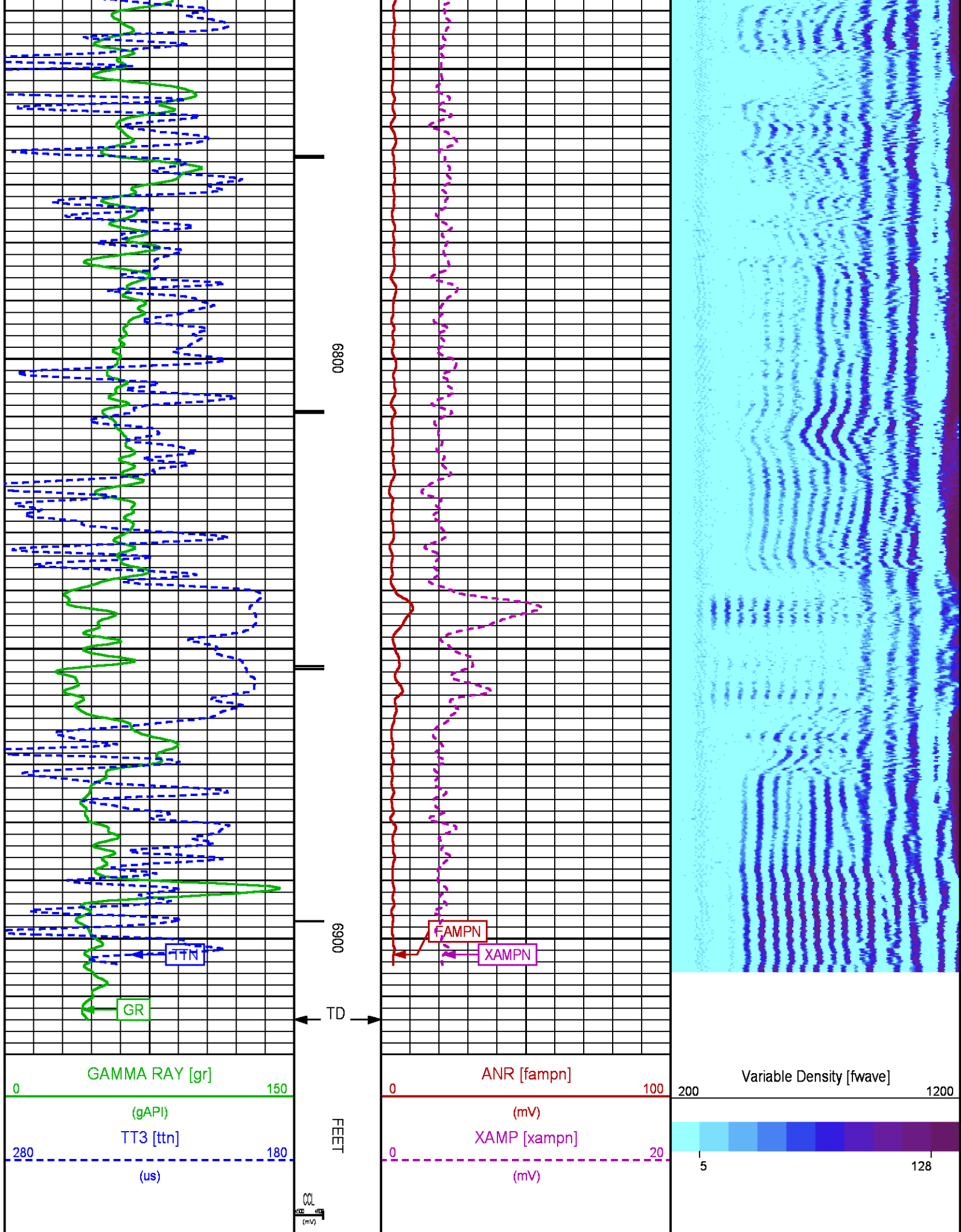












SECONDARY PRESENTATION 0 PSI

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: Sun Jan 04 12:05:00 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: C:\dat1a\093578\012g02.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 22.750 ft BOTTOM DEPTH: 6918.750 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*)	183	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	183	us	"	"
	AMP WINDOW START (fgp3*)	183	us	"	"
	AMP WINDOW START (fgp4*)	183	us	"	"
	AMP WINDOW START (fgp5*)	183	us	"	"
	AMP WINDOW START (fgp6*)	183	us	"	"
	AMP WINDOW START (fgp7*)	183	us	"	"
	AMP WINDOW START (fgp8*)	183	us	"	"
	AMP WINDOW START (fgpn*)	183	us	"	"
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	181	us	TOP	3592.500
		180	us	3592.500	3592.750
		179	us	3592.750	3593.000
		178	us	3593.000	3593.250
		177	us	3593.250	3593.500
		176	us	3593.500	3593.750
		175	us	3593.750	3594.000
		174	us	3594.000	3594.250
		173	us	3594.250	3594.500
		172	us	3594.500	3594.750
		171	us	3594.750	3595.000
		170	us	3595.000	3595.250
			us	3595.250	BOTTOM
	TT WINDOW LENGTH	500	us	TOP	BOTTOM
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (str1*)	-72	us	"	"
	TOOL DELAY (str2*)	-72	us	"	"
	TOOL DELAY (str3*)	-72	us	"	"
	TOOL DELAY (str4*)	-72	us	"	"
	TOOL DELAY (str5*)	-72	us	"	"
	TOOL DELAY (str6*)	-72	us	"	"
	TOOL DELAY (str7*)	-72	us	"	"
	TOOL DELAY (str8*)	-72	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

PERCENT BOND CEMENT MAP

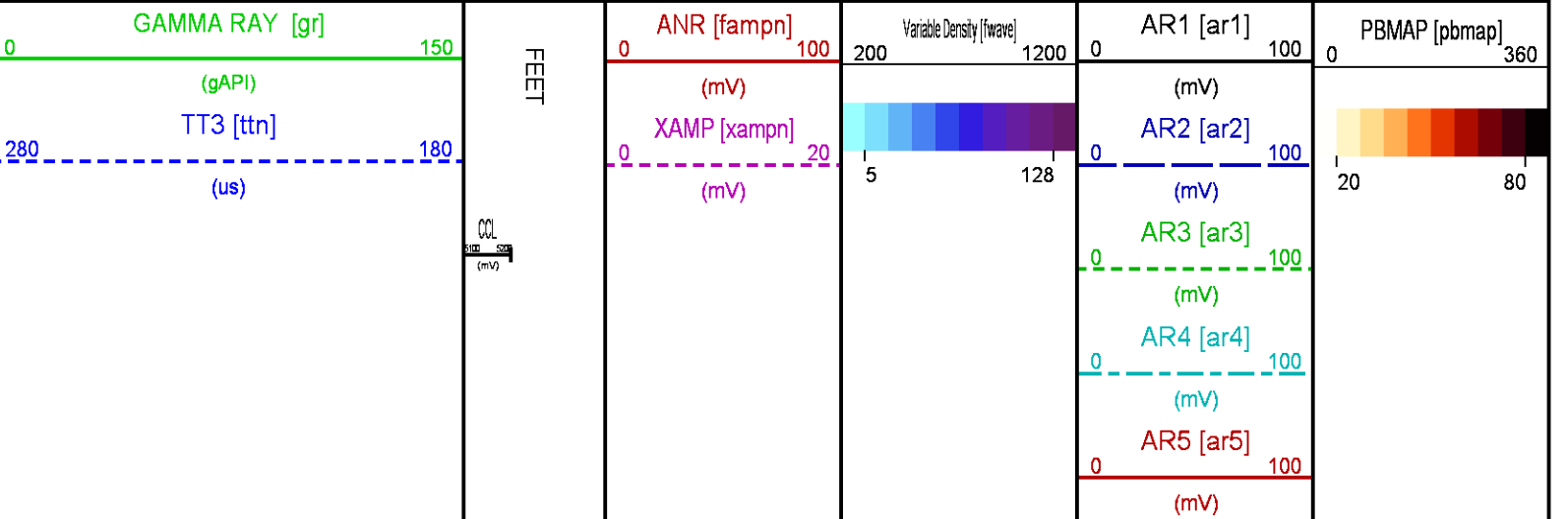
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
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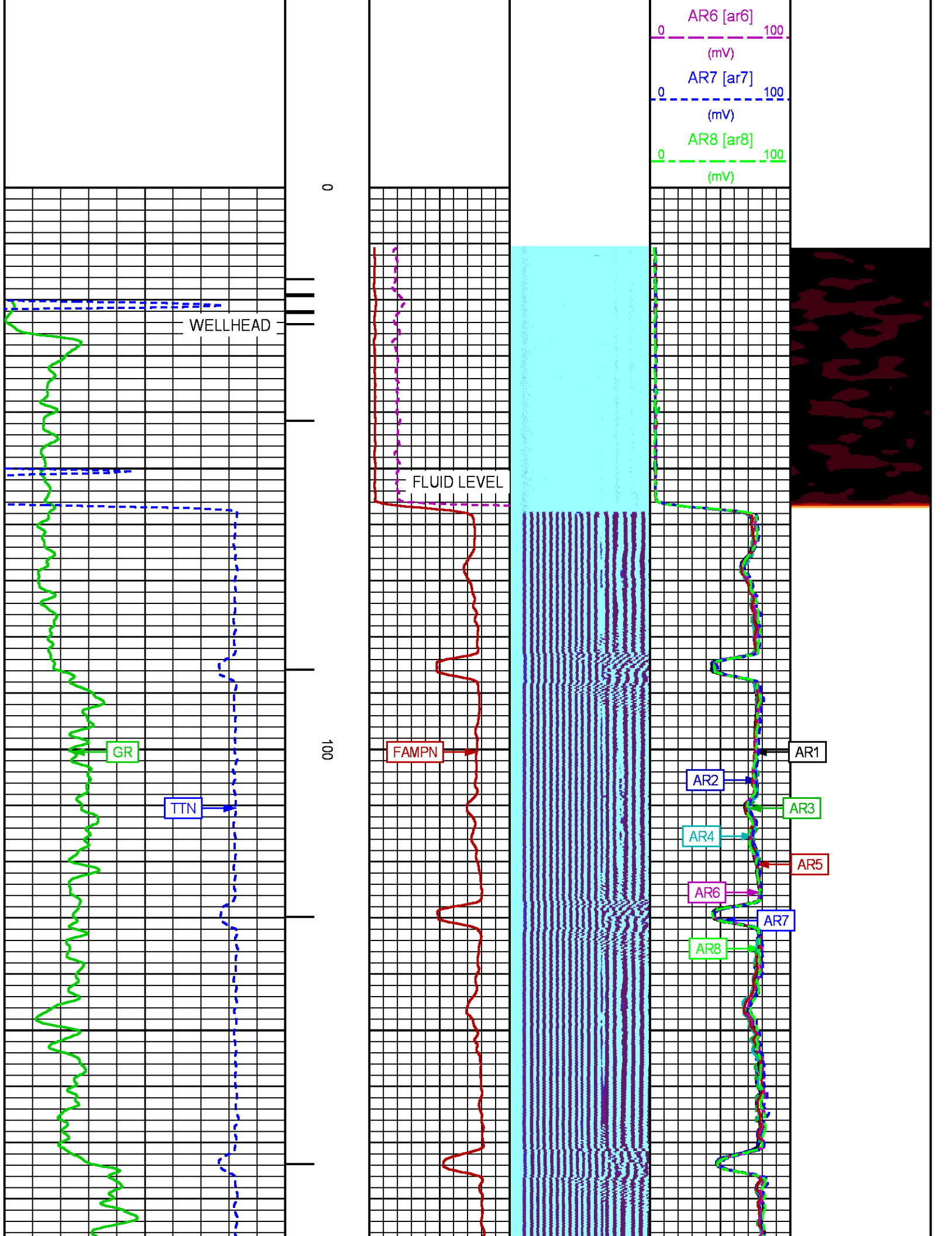
RAL FREE PIPE AMPLITUDE	FREE AMP REC 1	80	mV	TOP	BOTTOM
	FREE AMP REC 2	80	mV	"	"
	FREE AMP REC 3	80	mV	"	"
	FREE AMP REC 4	80	mV	"	"
	FREE AMP REC 5	80	mV	"	"
	FREE AMP REC 6	80	mV	"	"
	FREE AMP REC 7	80	mV	"	"
	FREE AMP REC 8	80	mV	"	"
RAL FULL BOND AMPLITUDE	FULL BOND AMP REC 1	2	mV	"	"
	FULL BOND 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	"	"

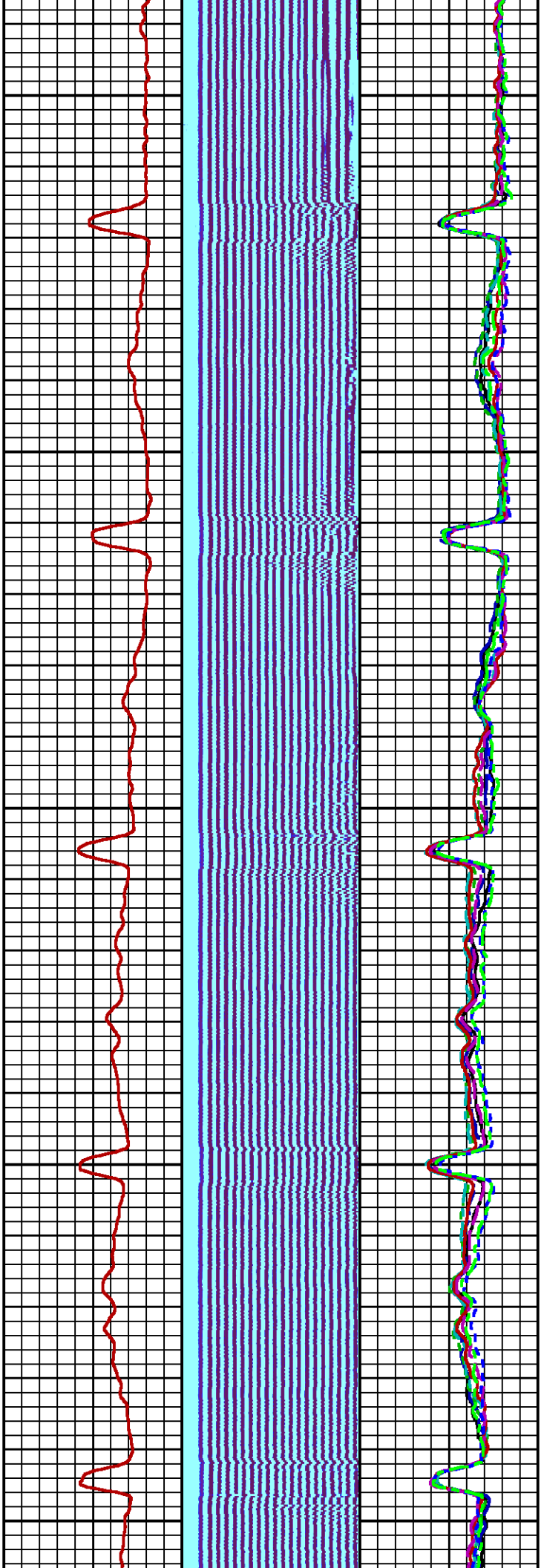
CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Jan 4 09:32:45 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jan 4 09:32:45 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jan 4 09:32:45 2015	FAR WAVE FORM
F1:GR	Jan 4 09:32:45 2015	GAMMA RAY
F1:PBMAP	Jan 4 09:32:45 2015	PERCENT BOND CEMENT MAP
F1:TTN	Jan 4 09:32:45 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jan 4 09:32:45 2015	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

Presentation	: BHUGHES-06627:C:\dat1a\093578\533_CBL_SECONDARY.fvpdf [5"/100' Scale]
Plot Interval	: 0 - 6920 Feet
Data File 1	: F1 : BHUGHES-06627:C:\dat1a\093578\533_CBL_MAIN.xtf
Created On	: Jan 4 09:32:45 2015
Company	: WPX ENERGY
Well	: WPX GM 533-28
Field	: GRAND VALLEY
File Interval	: 9.5 - 6917 Feet
OCT	: n012g



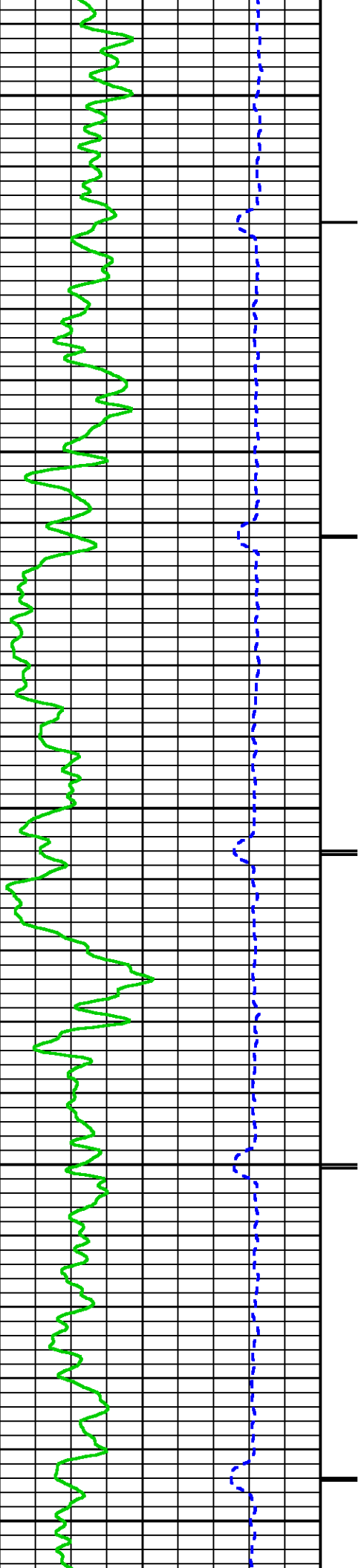


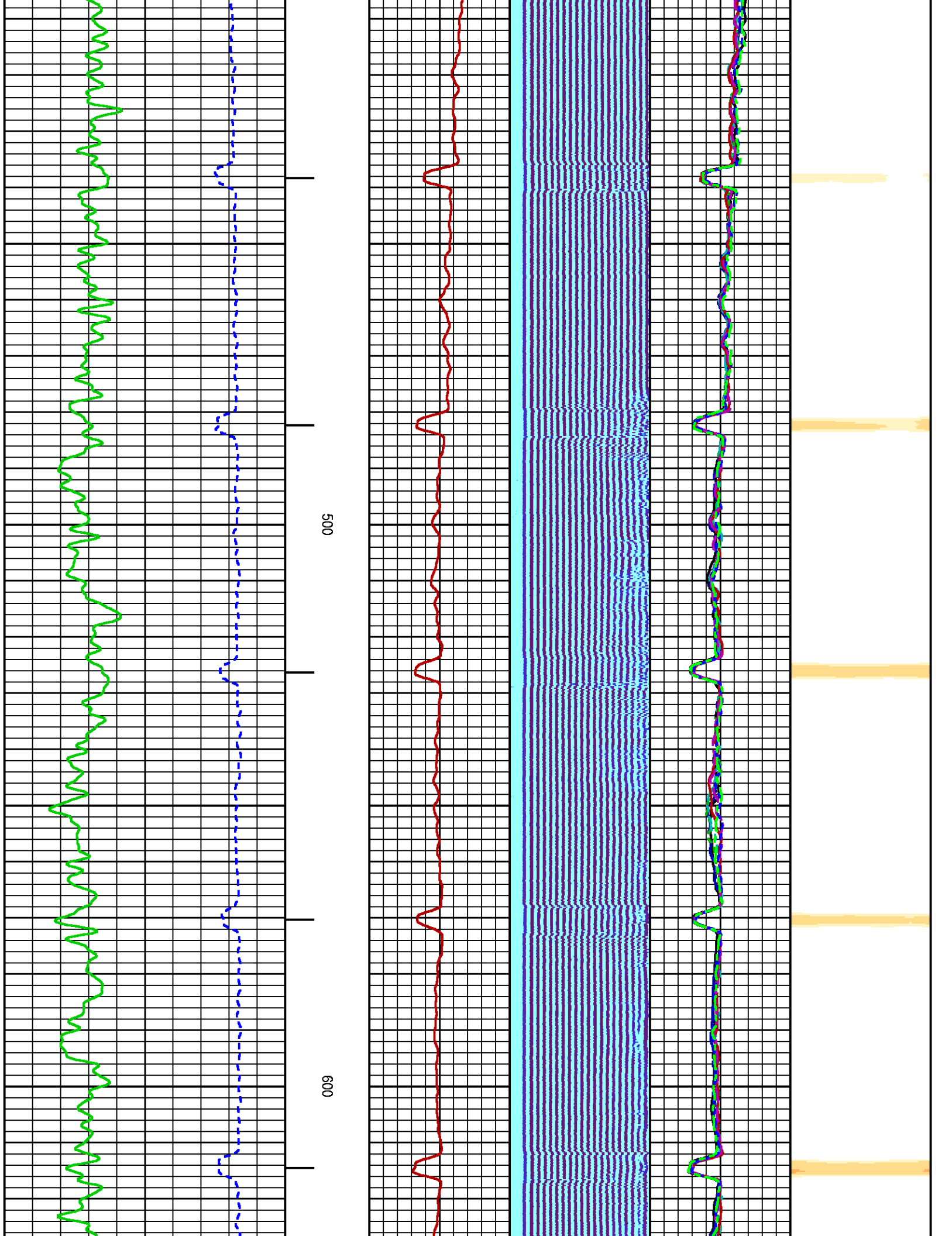


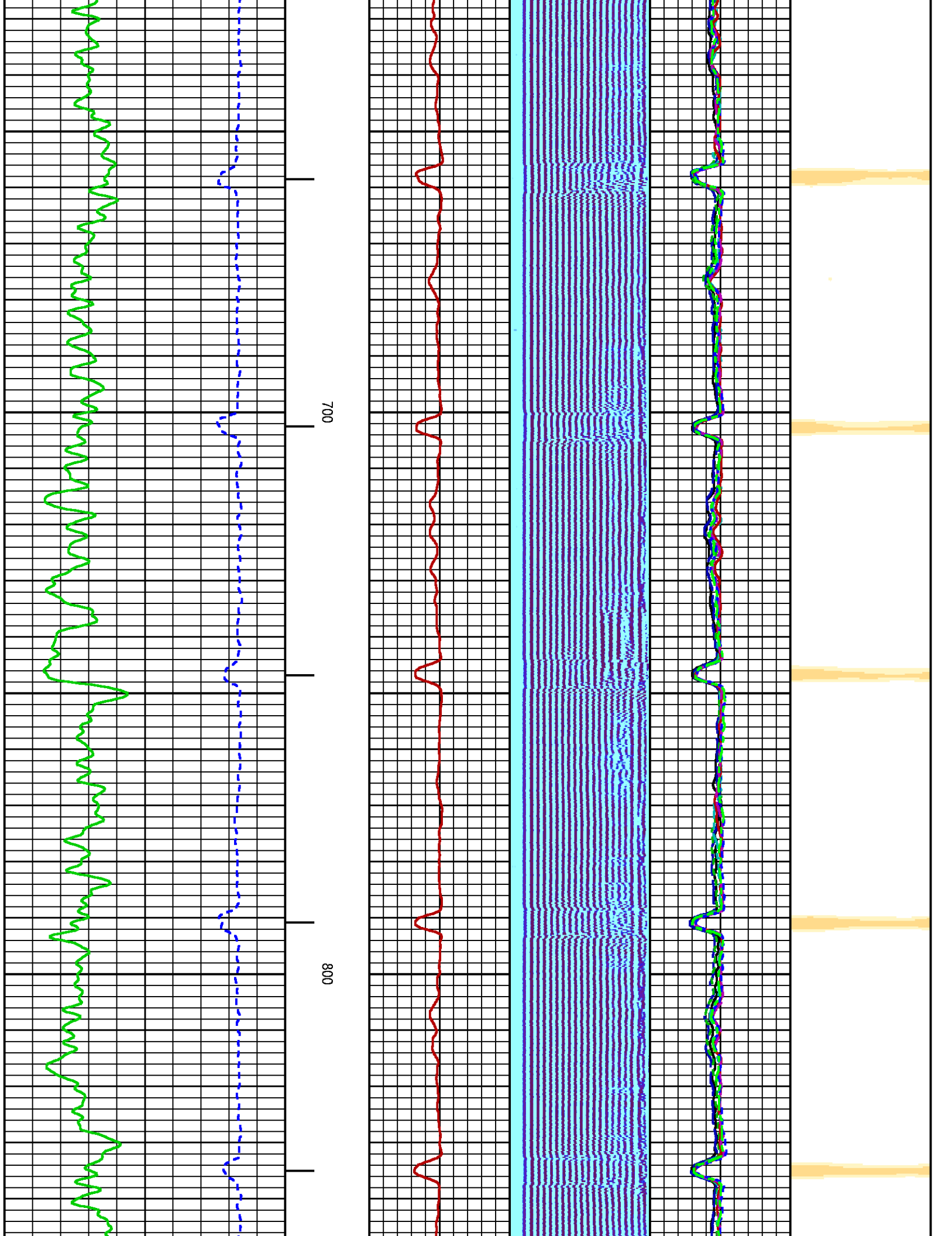
200

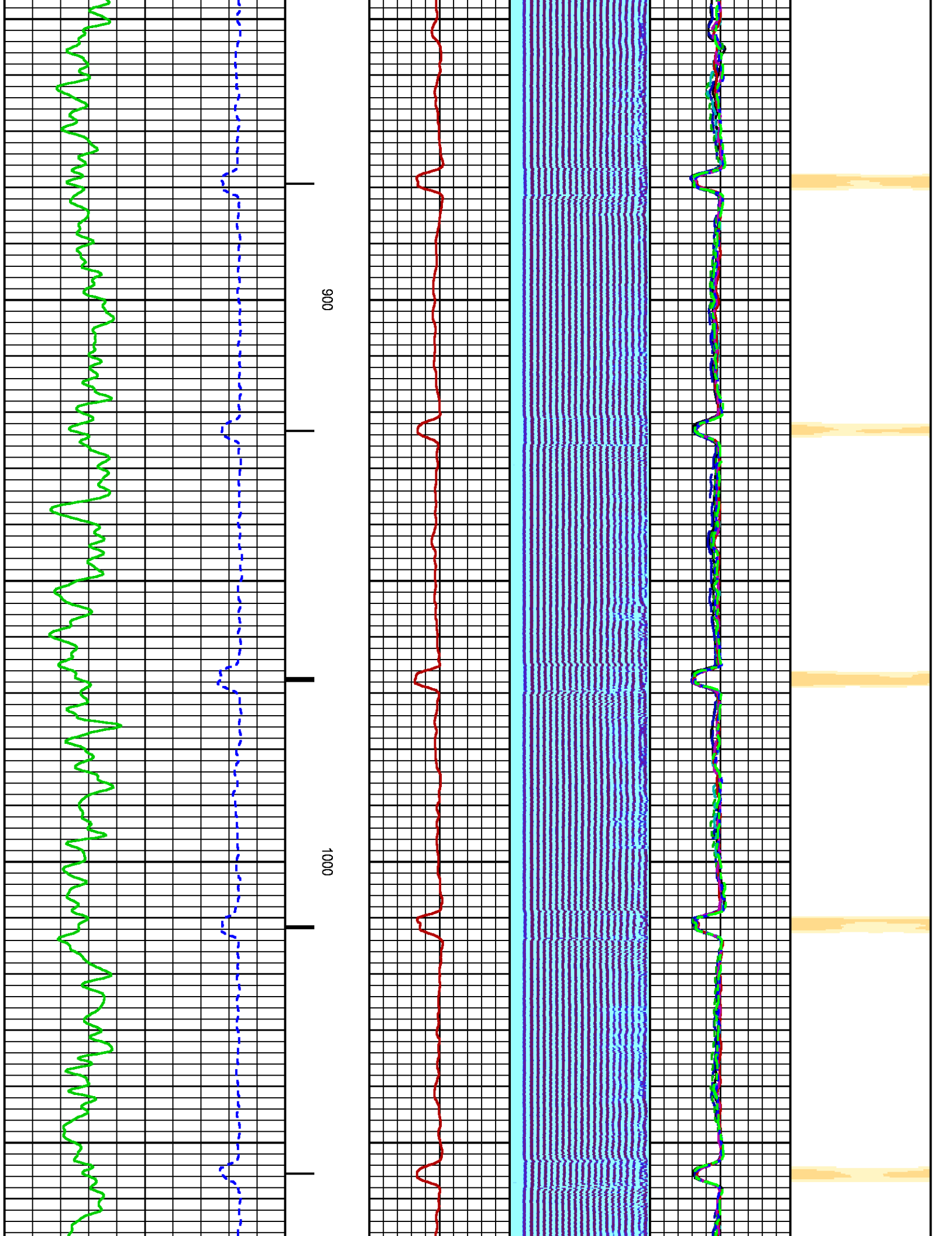
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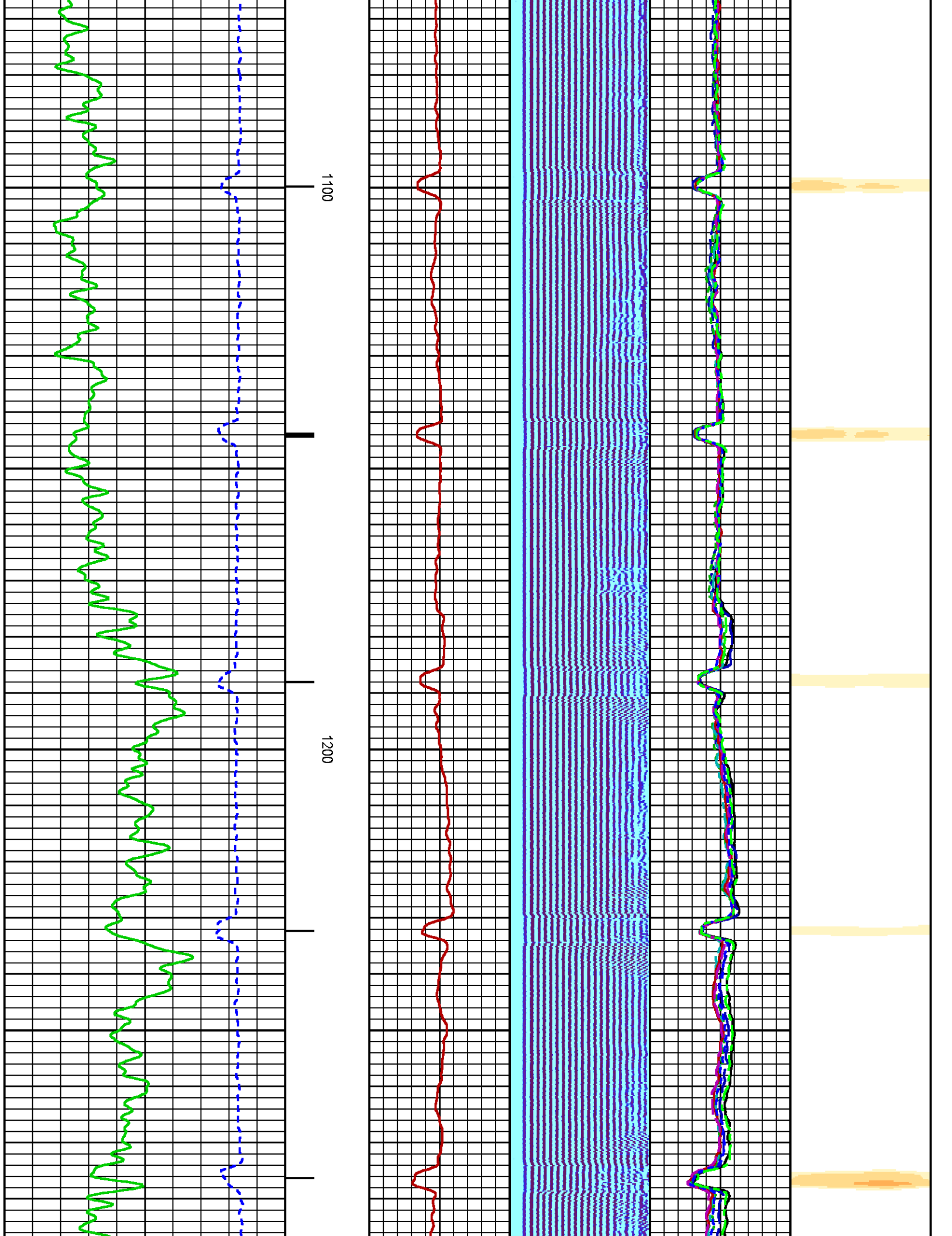
400

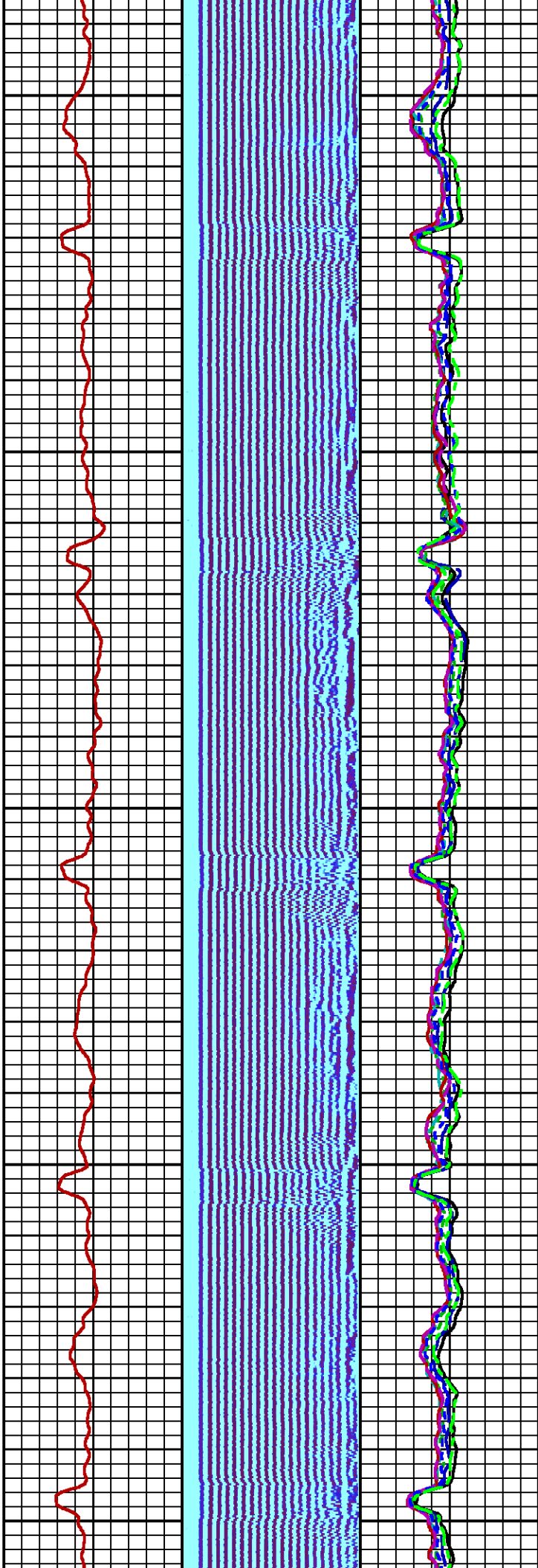
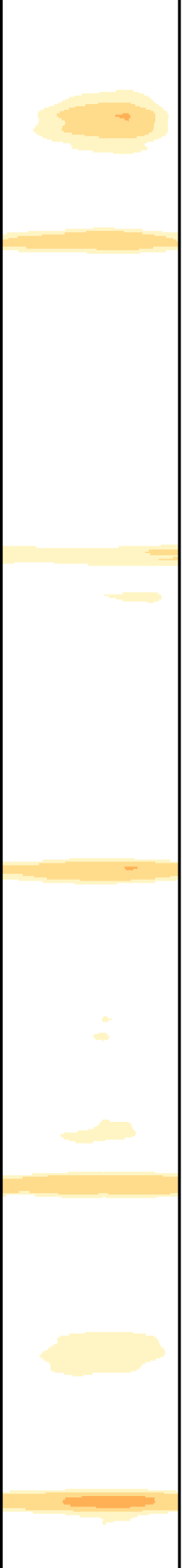








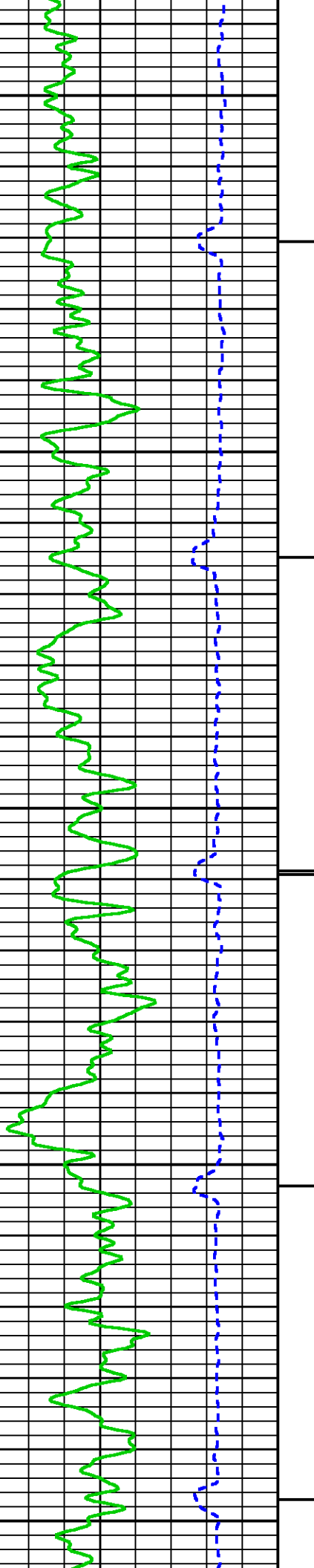


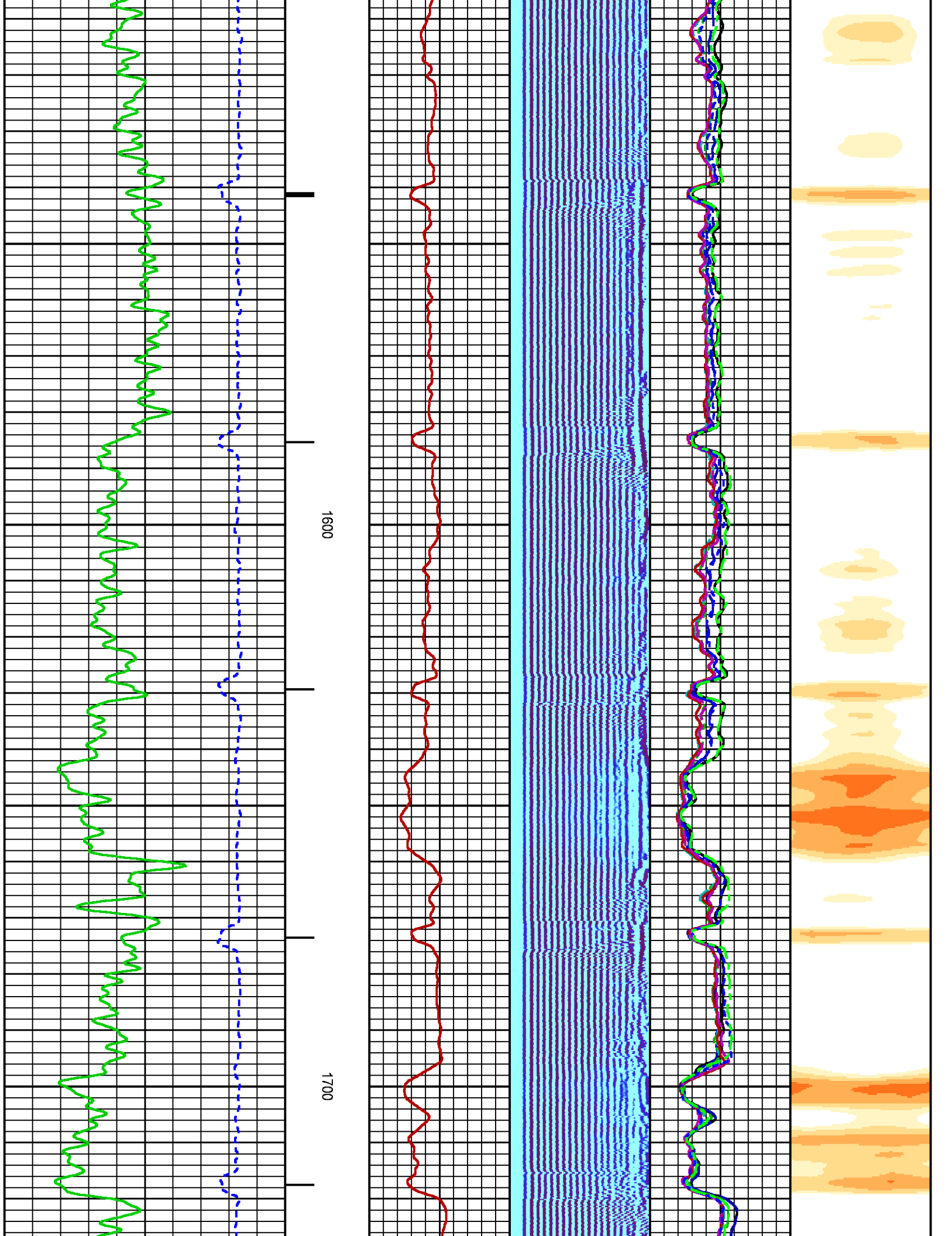


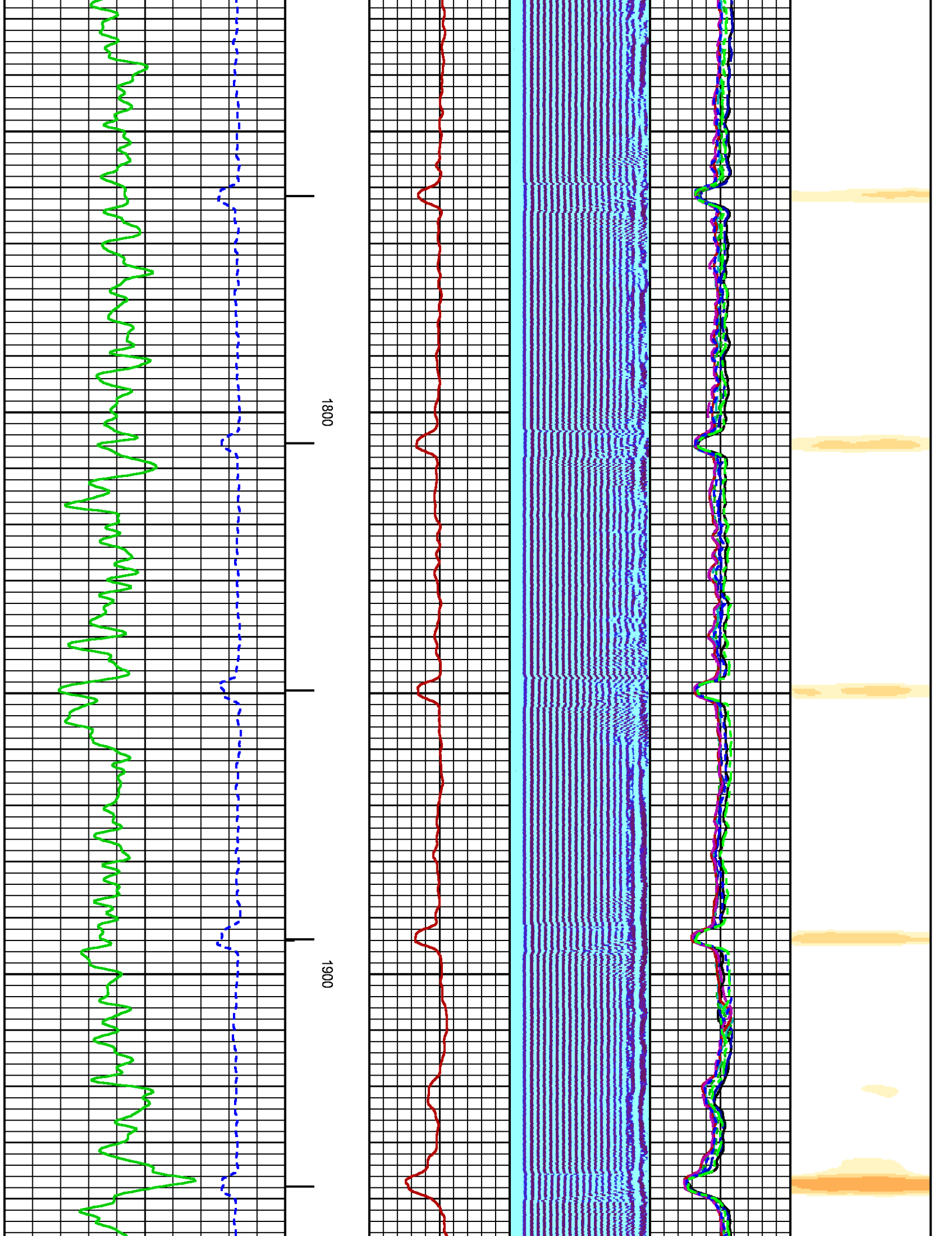
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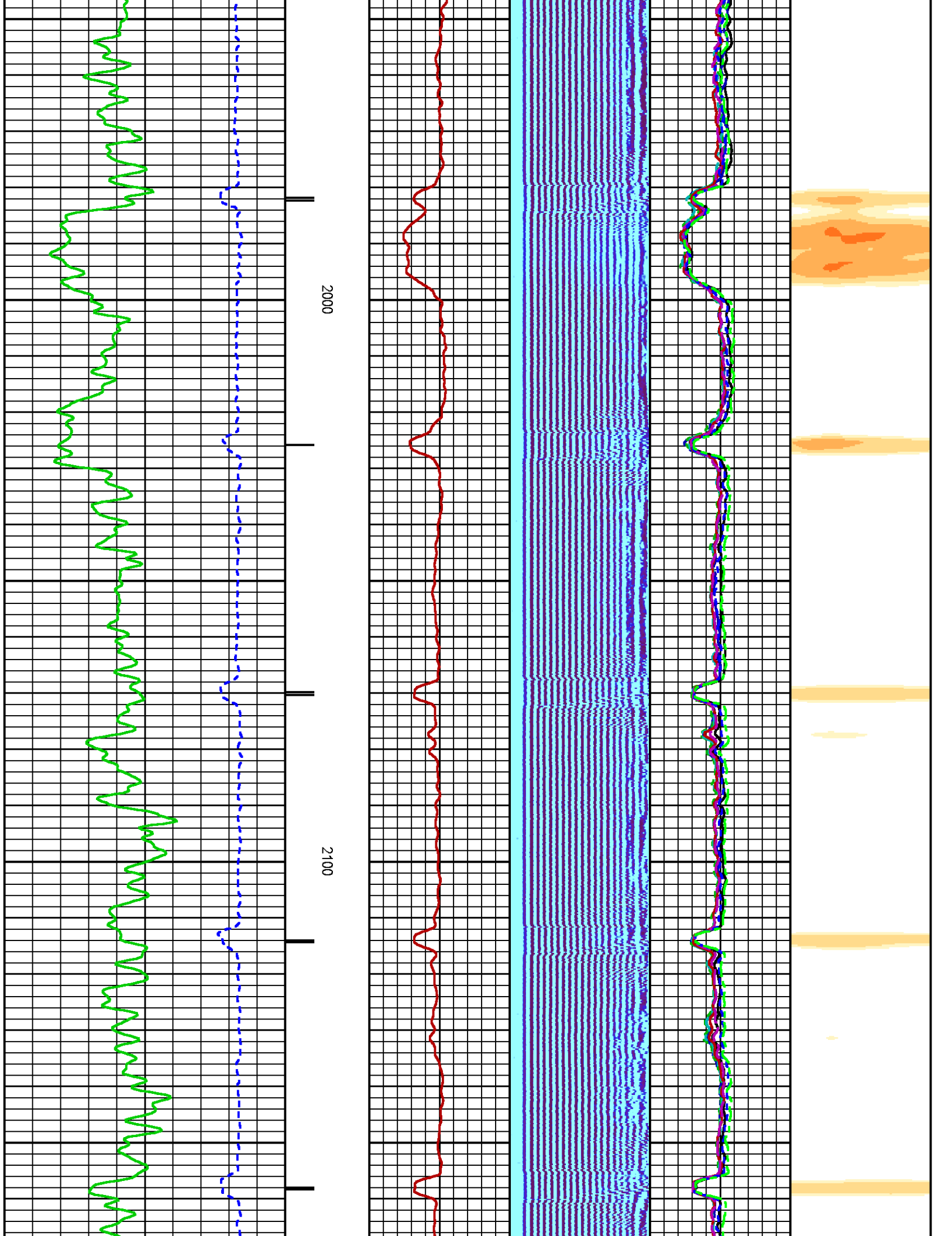
1400

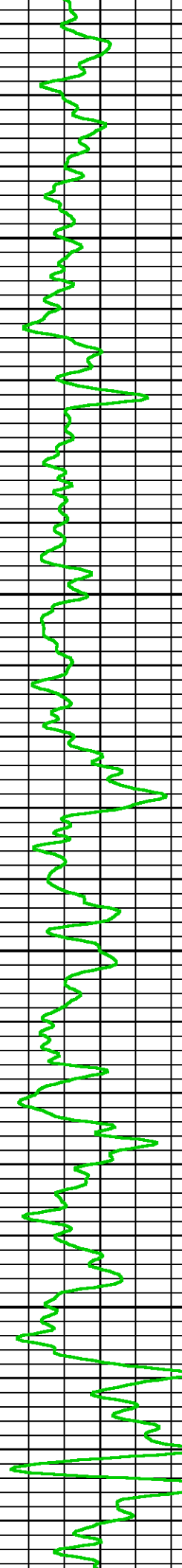
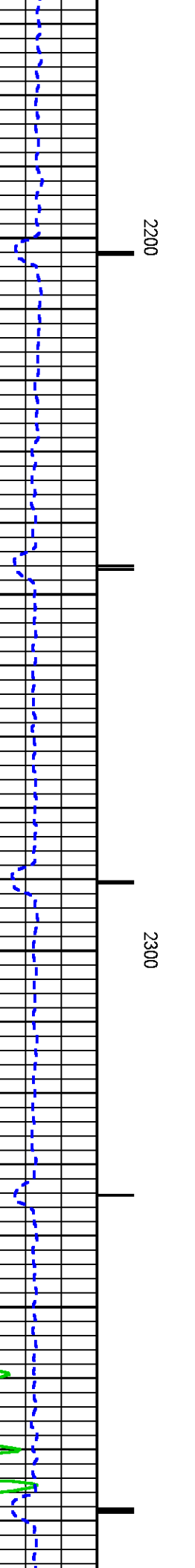
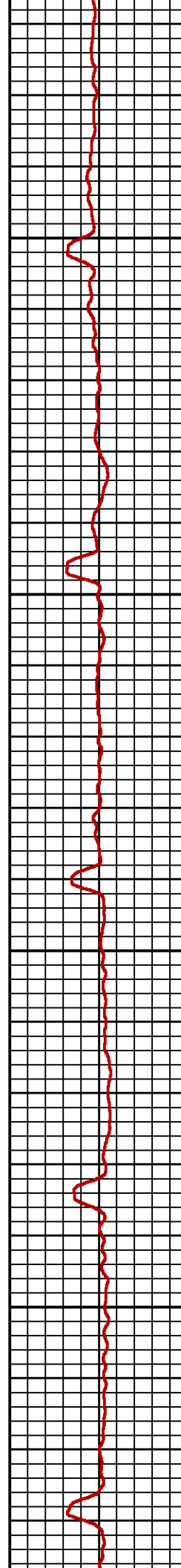
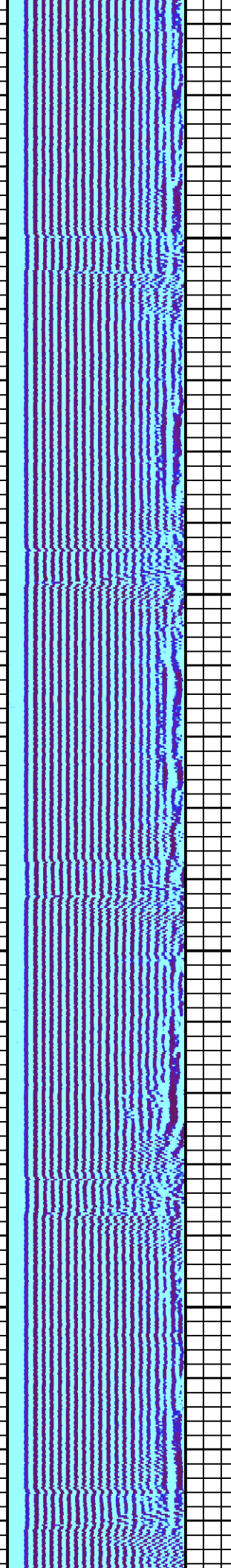
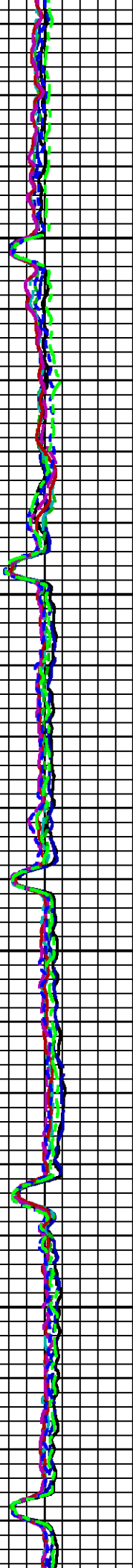
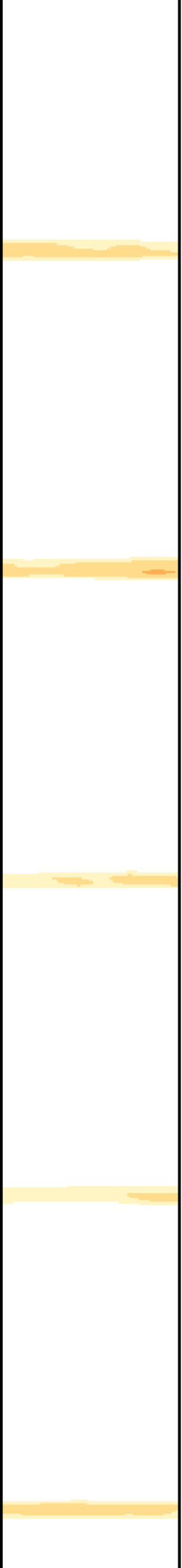
1500





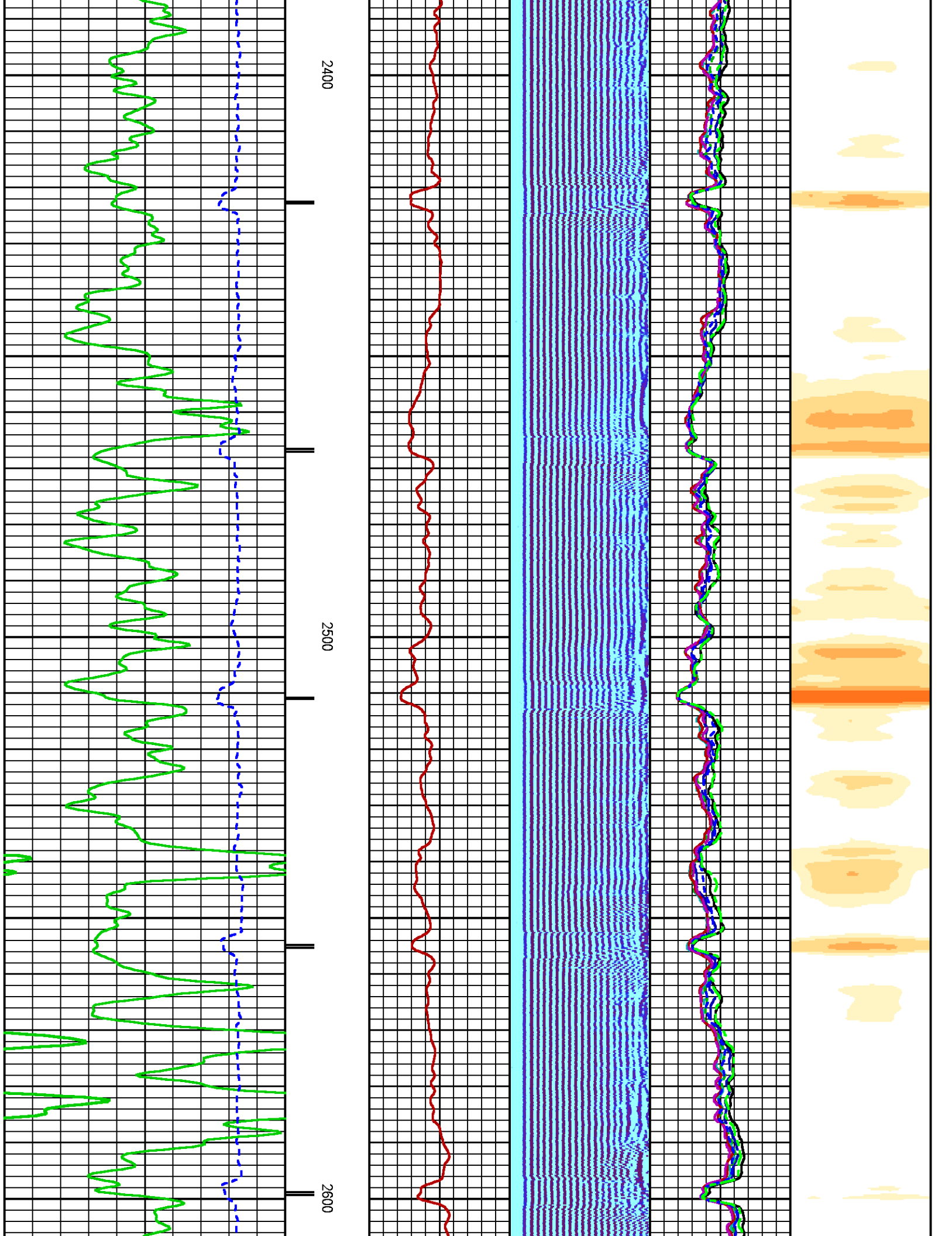


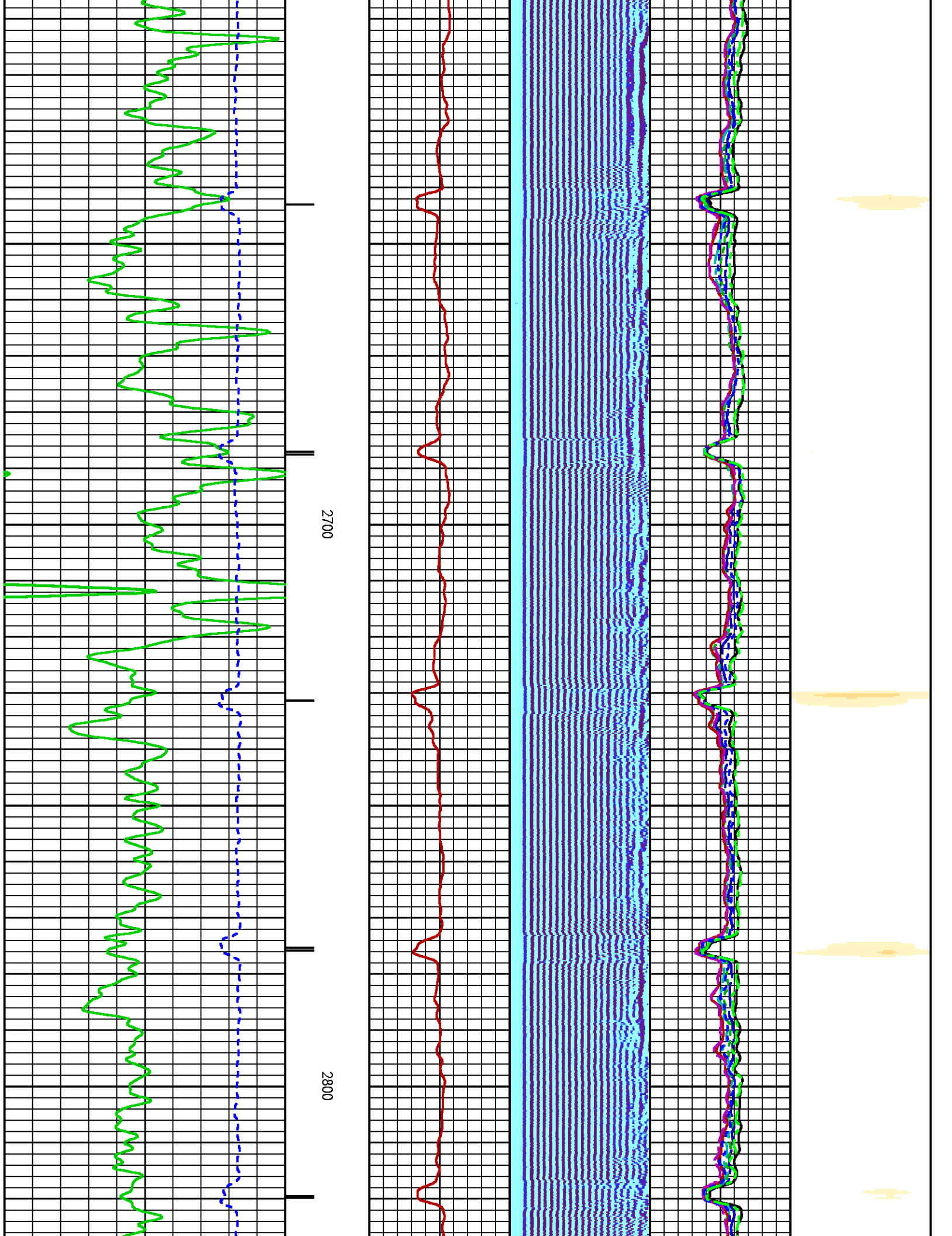


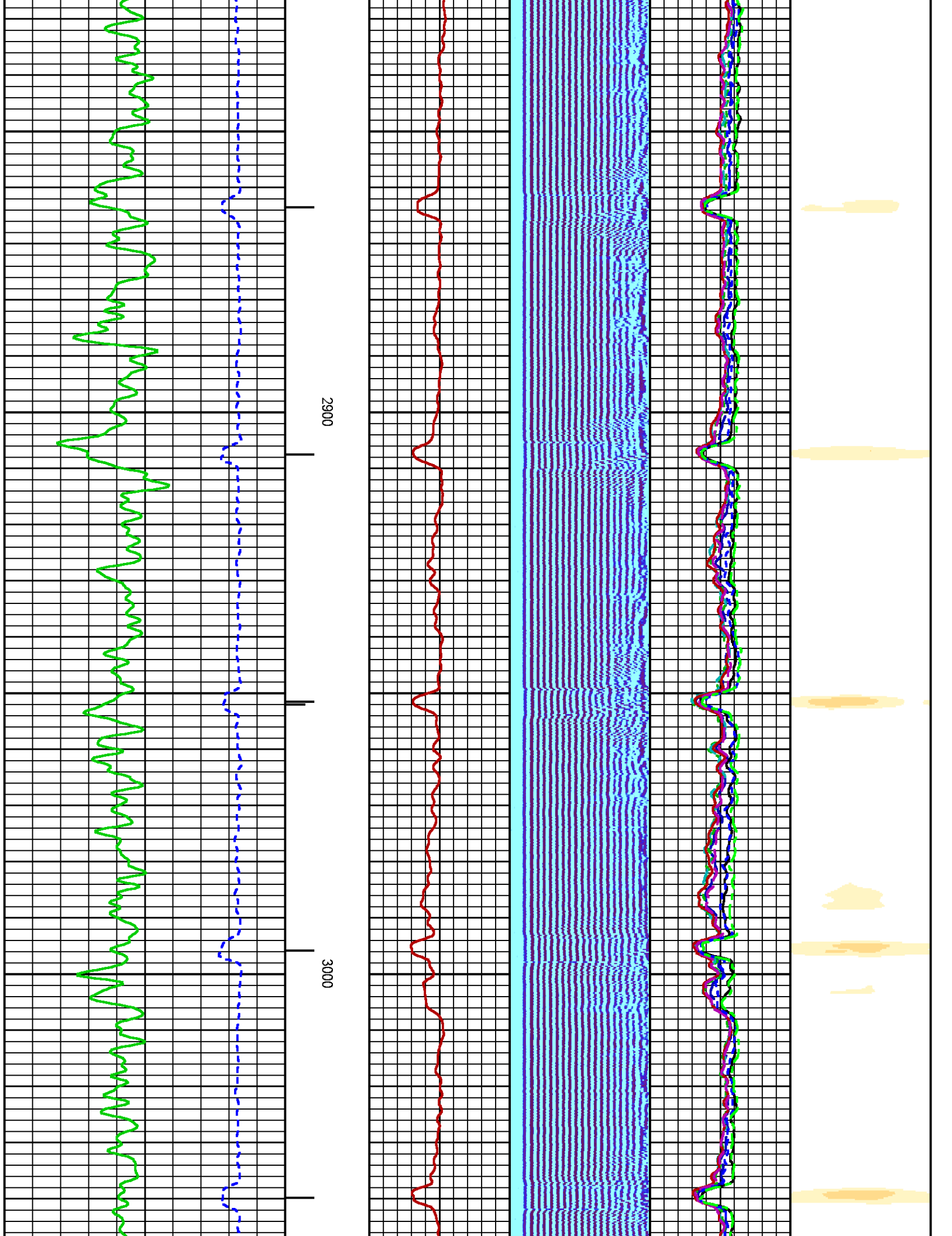


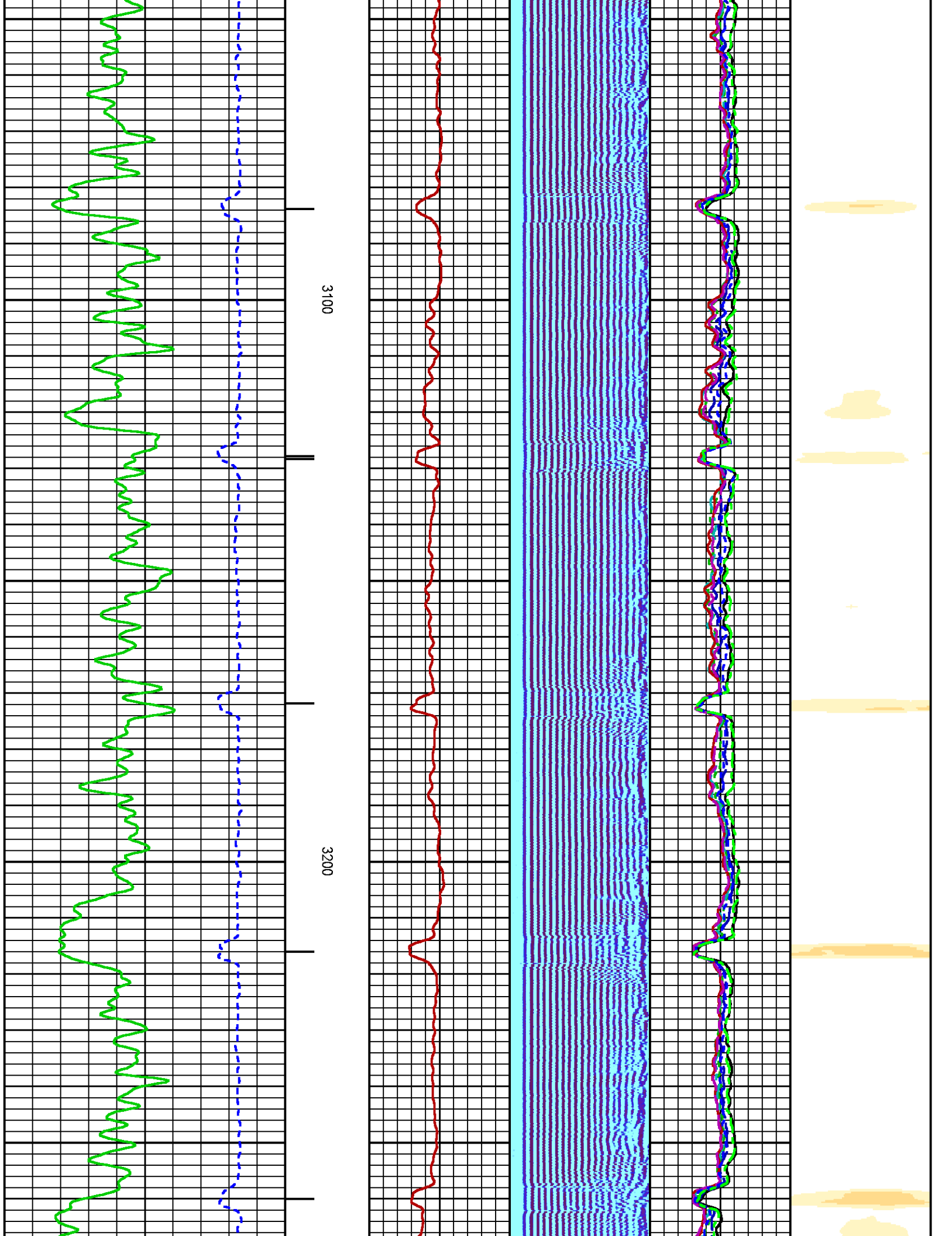
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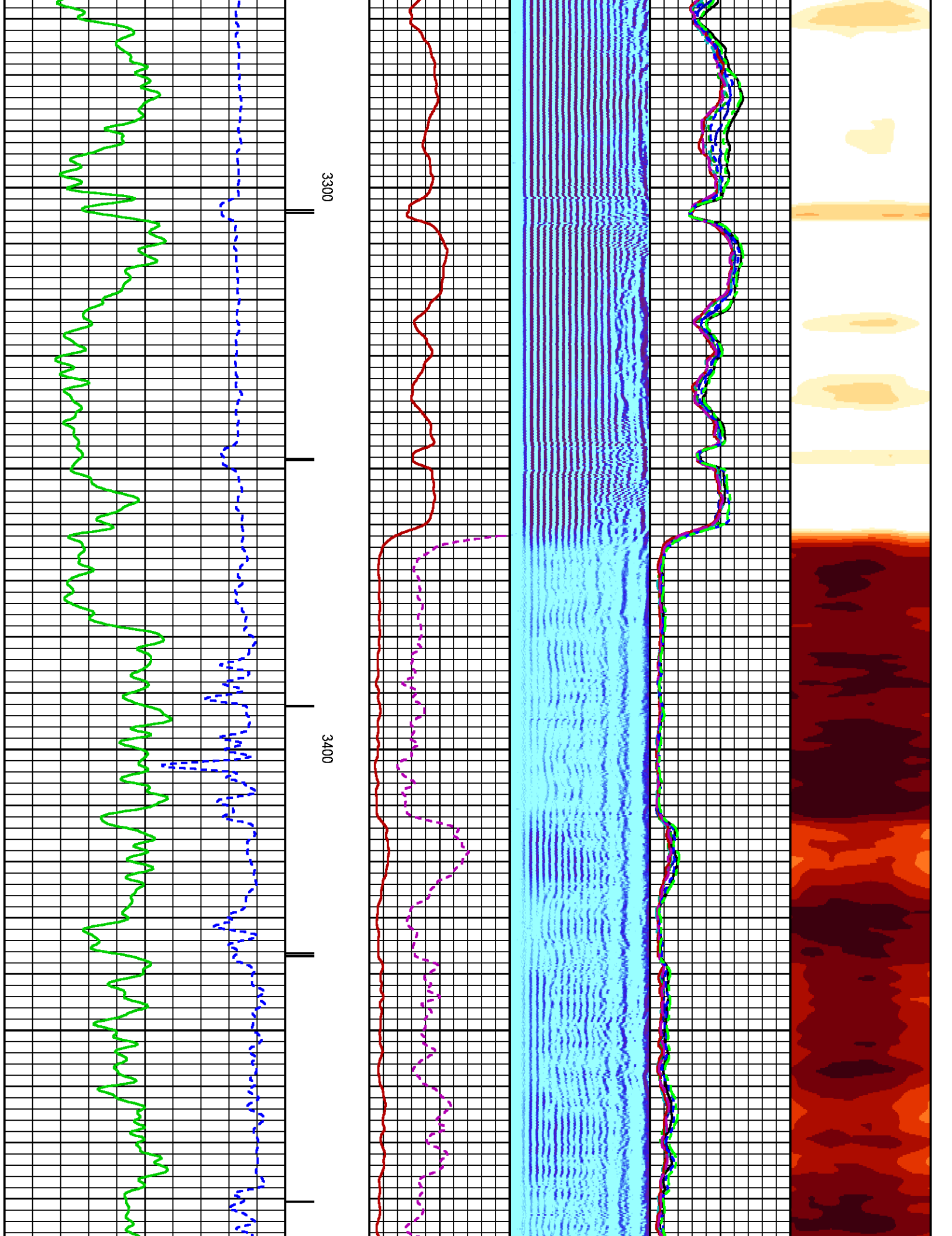
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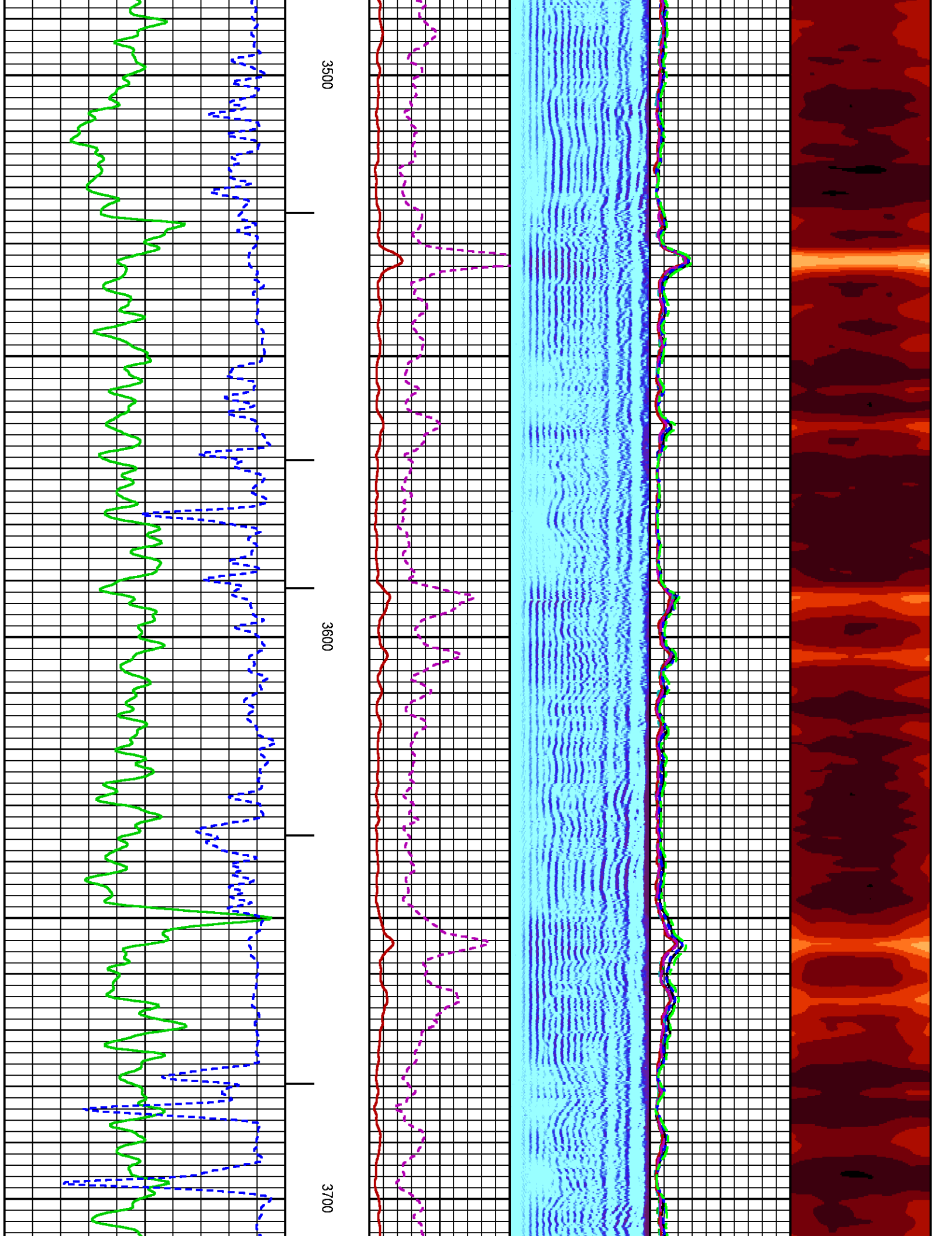


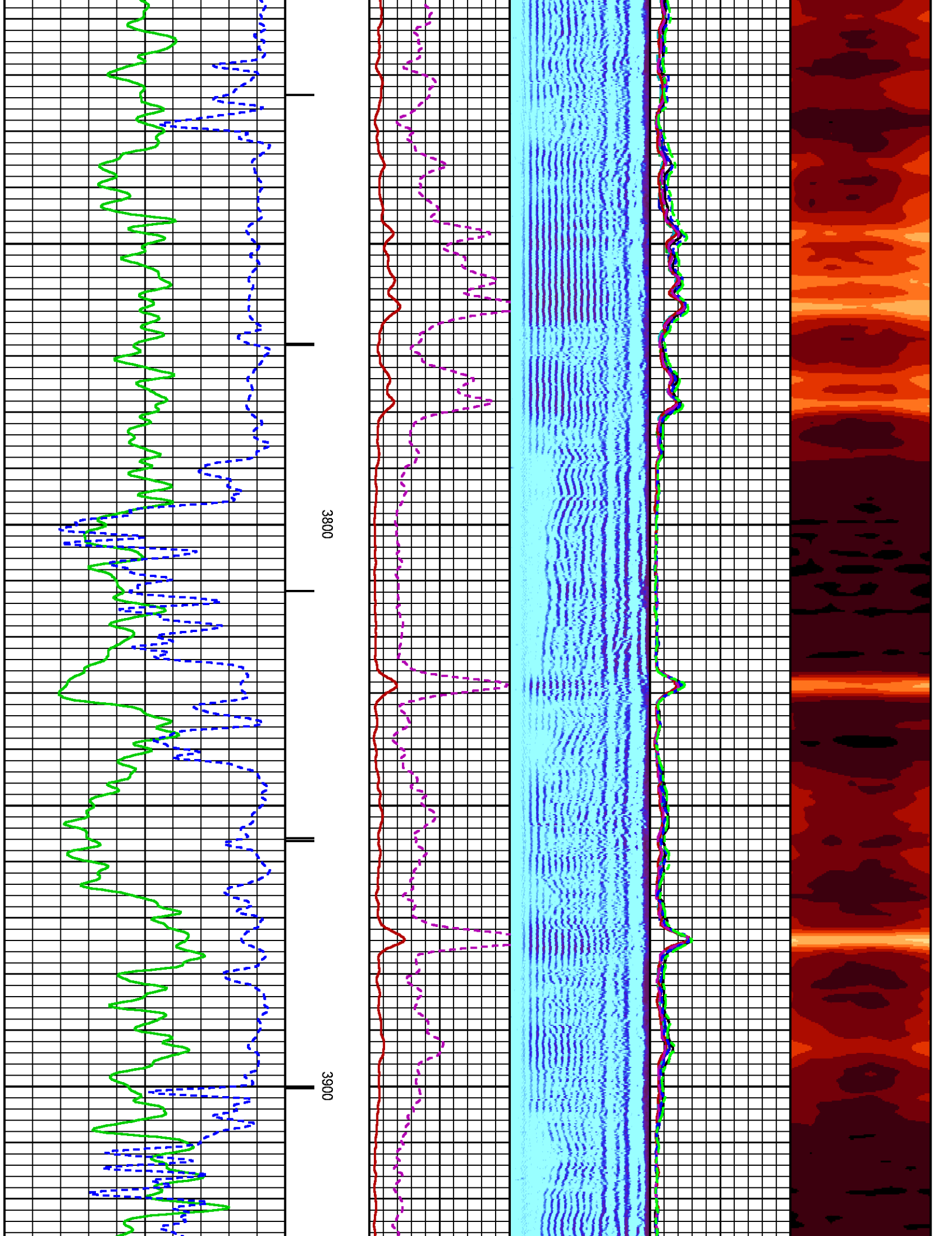


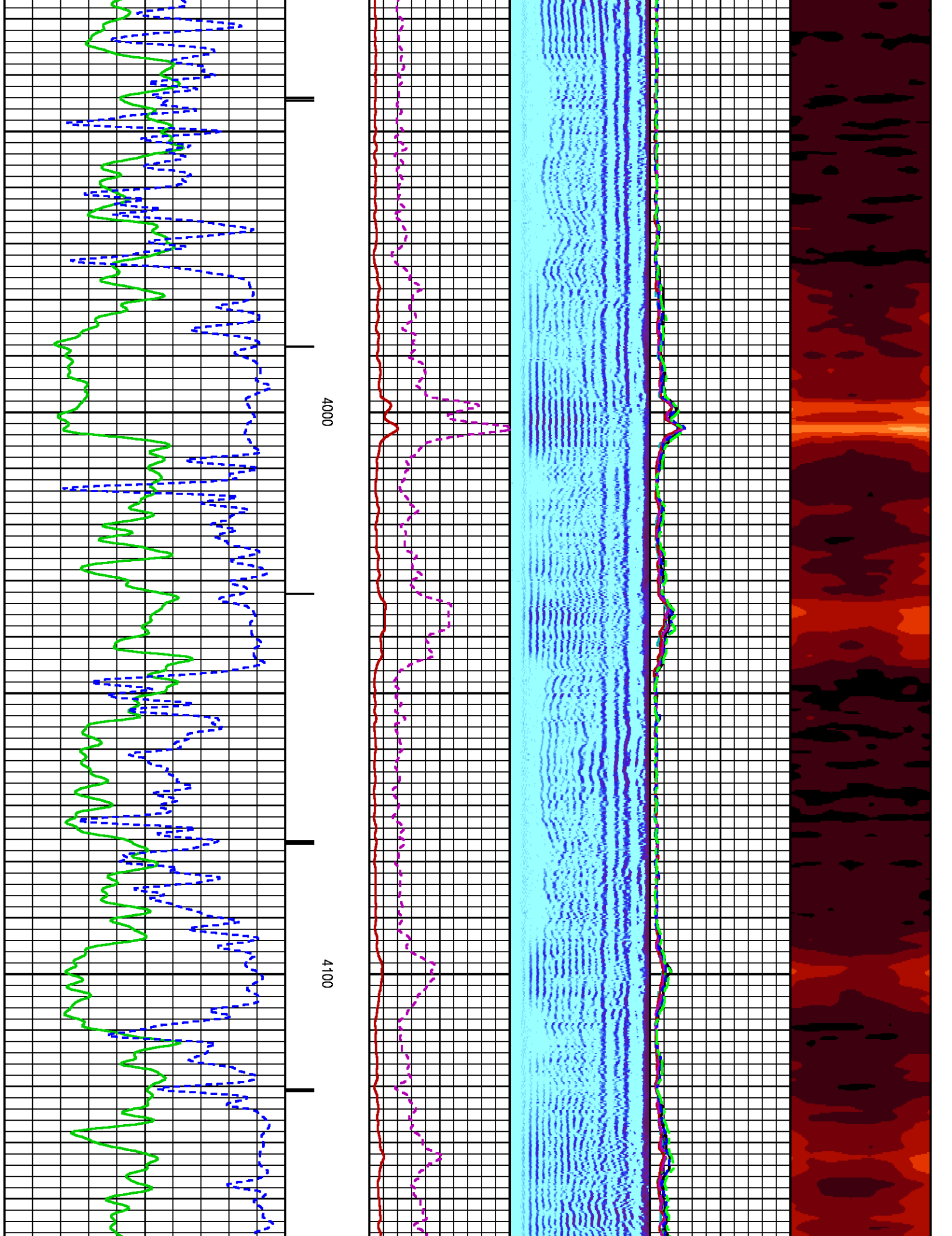


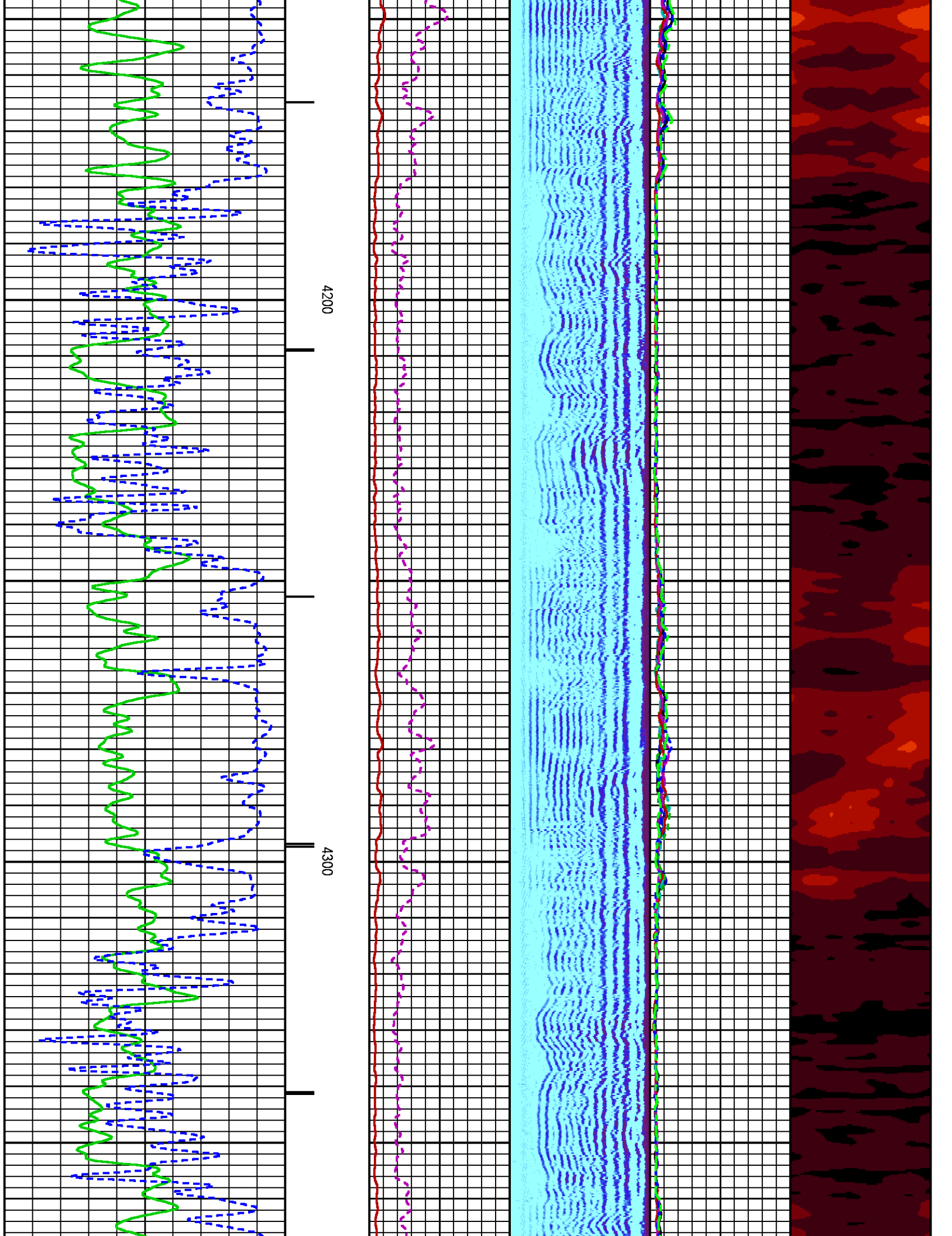


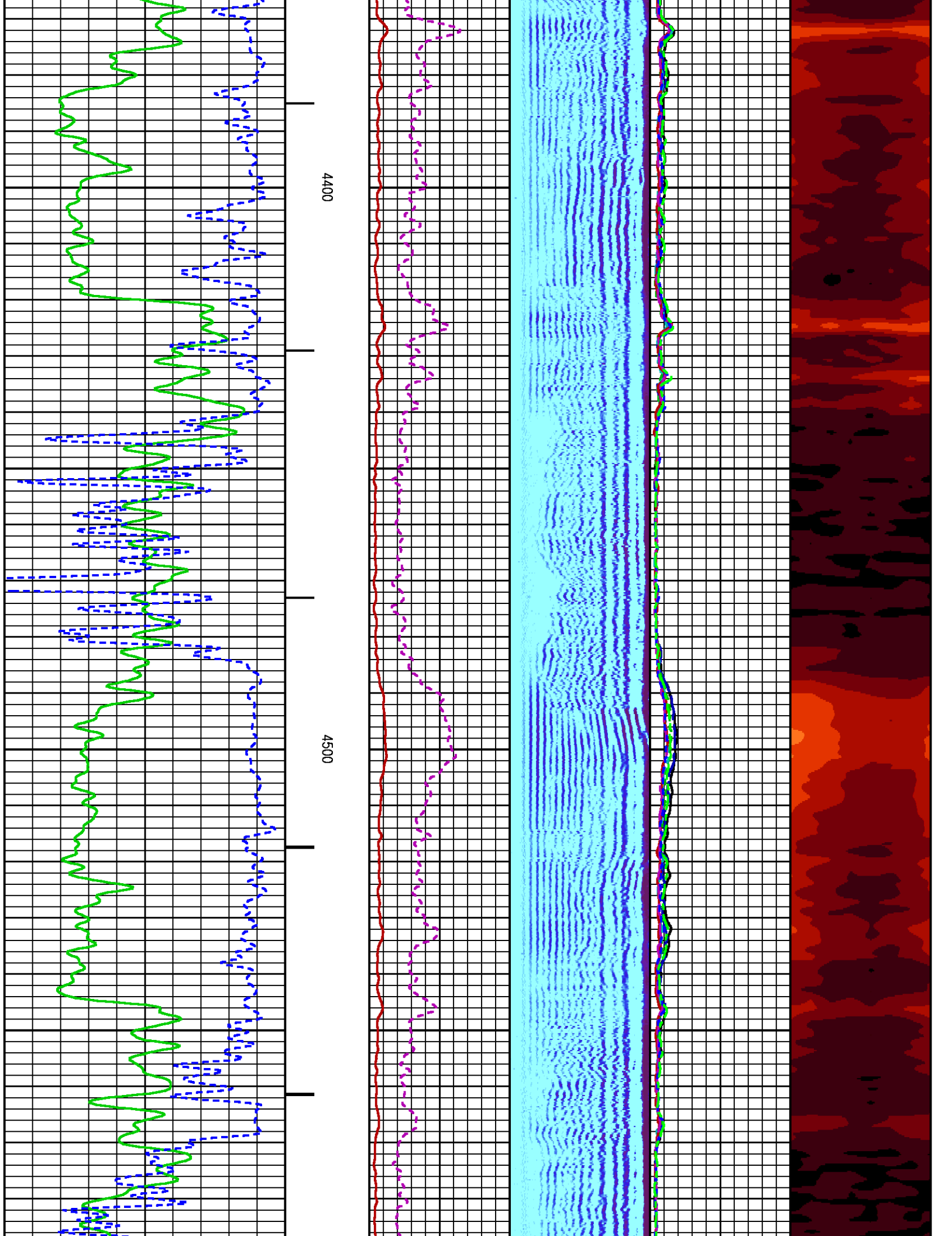


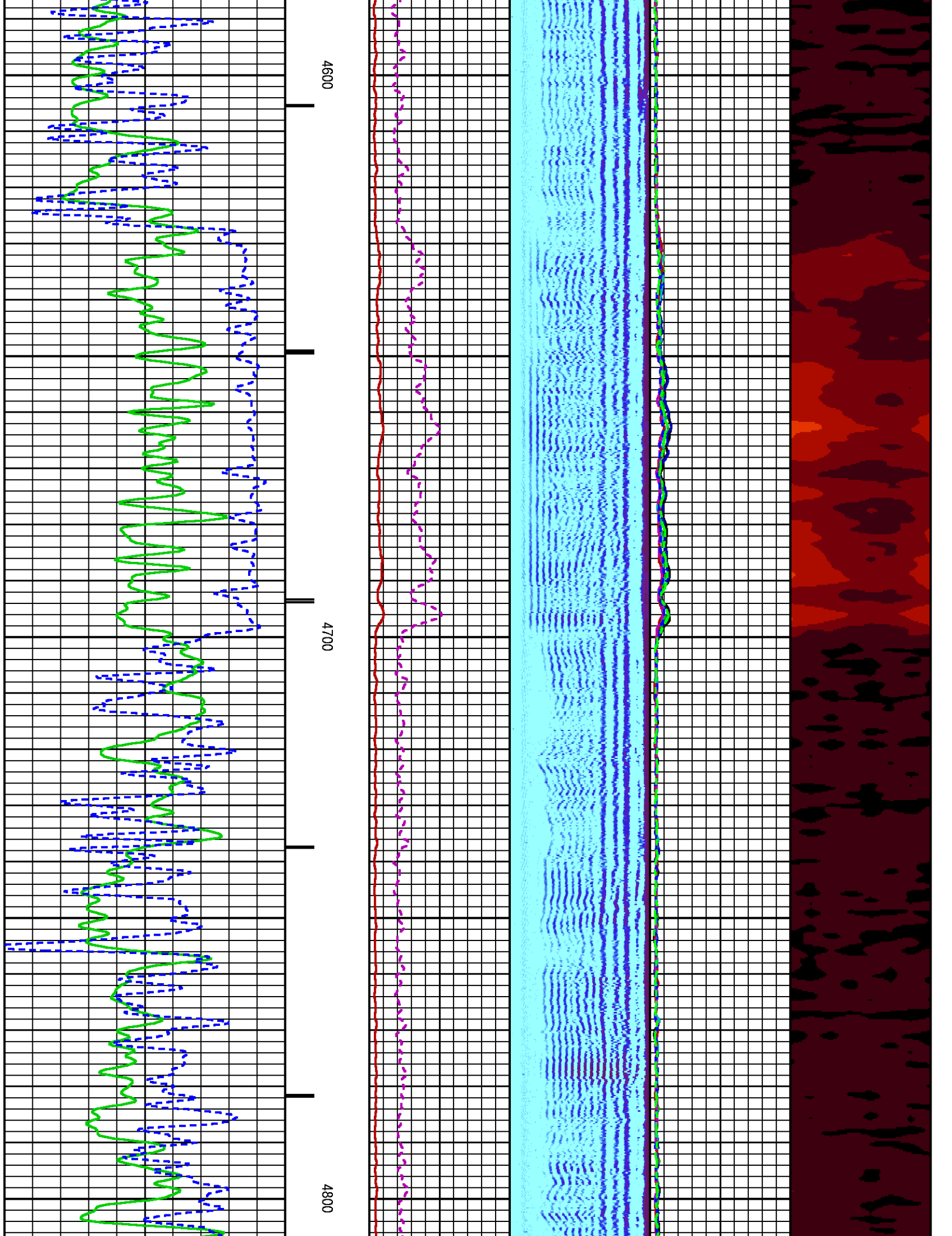


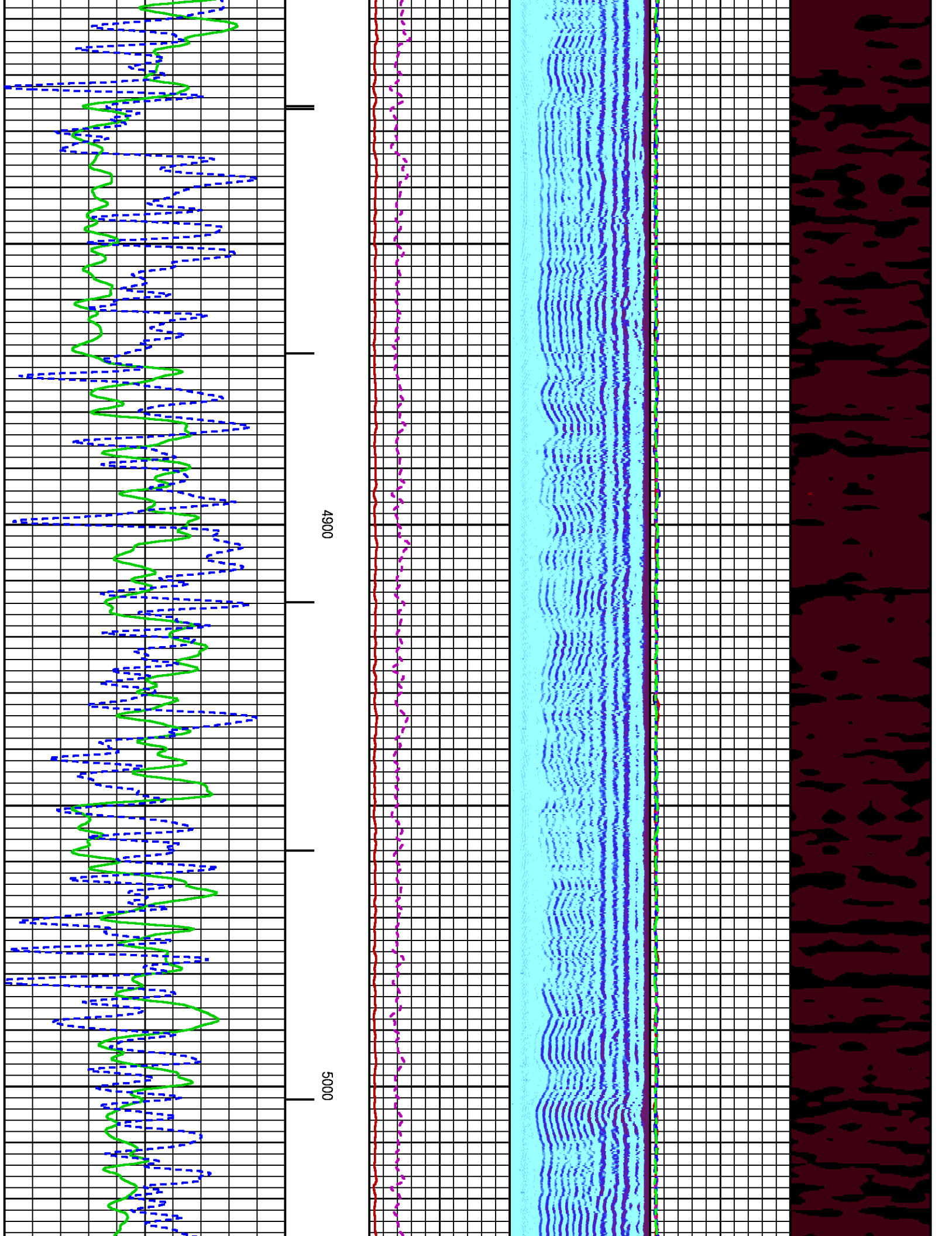


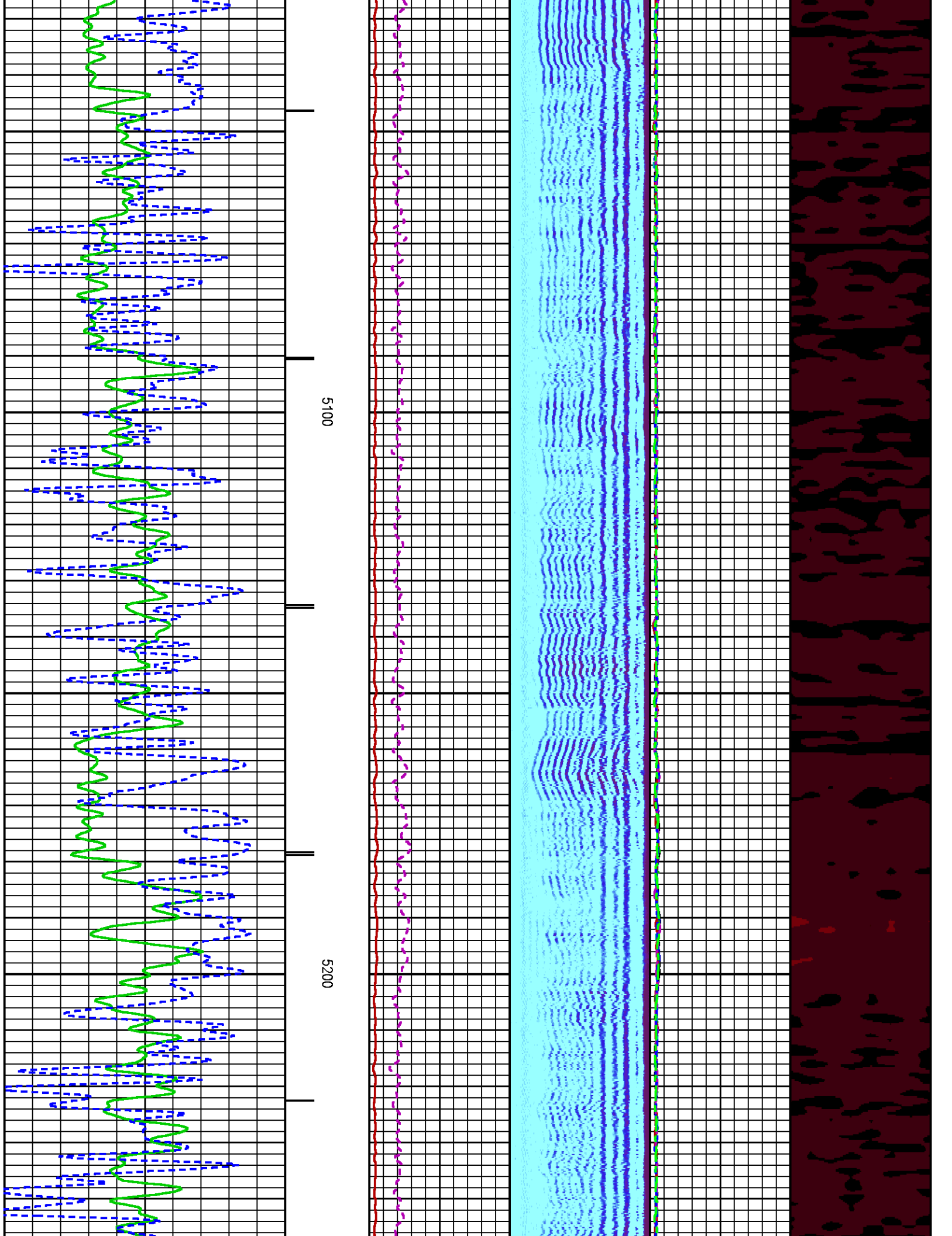


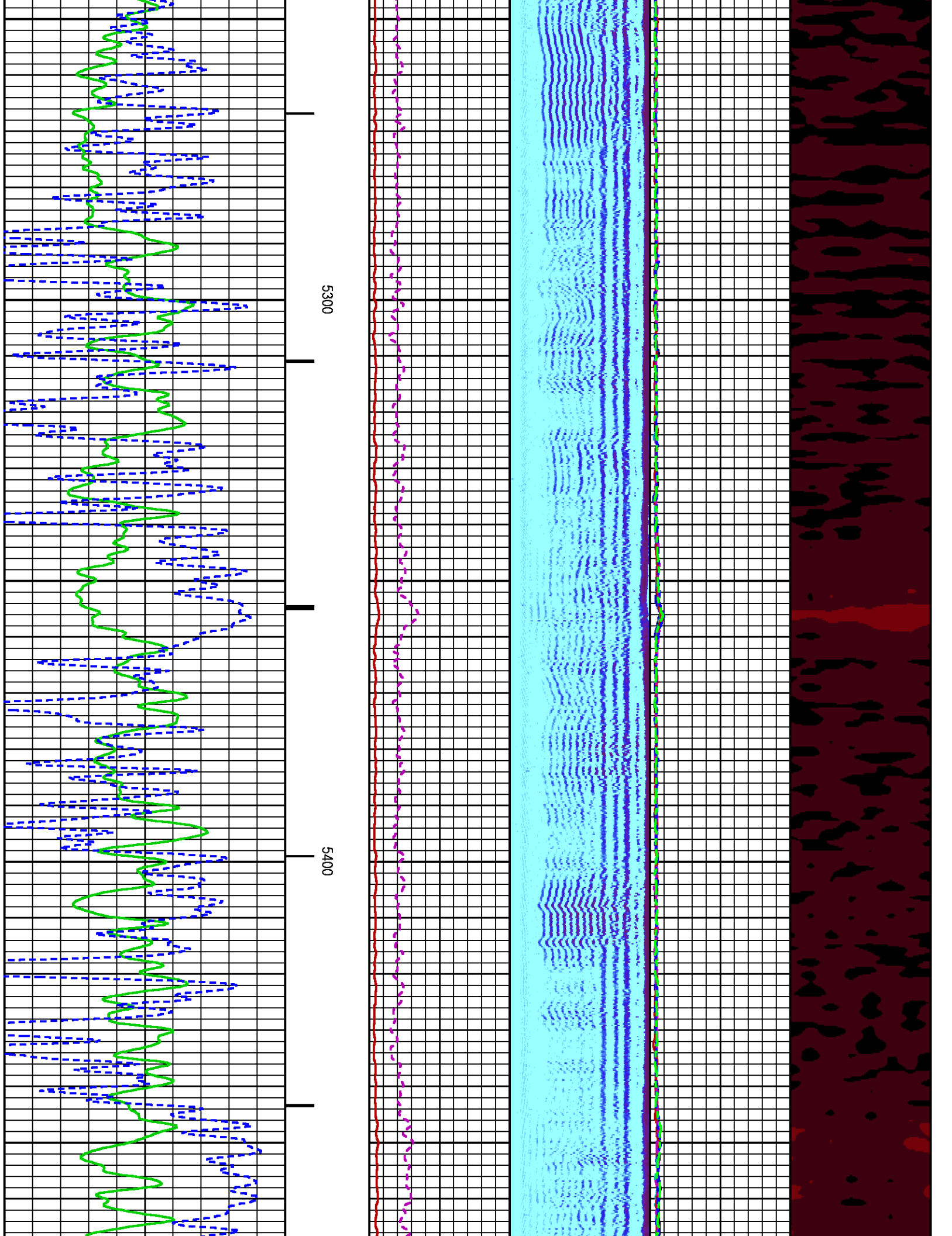


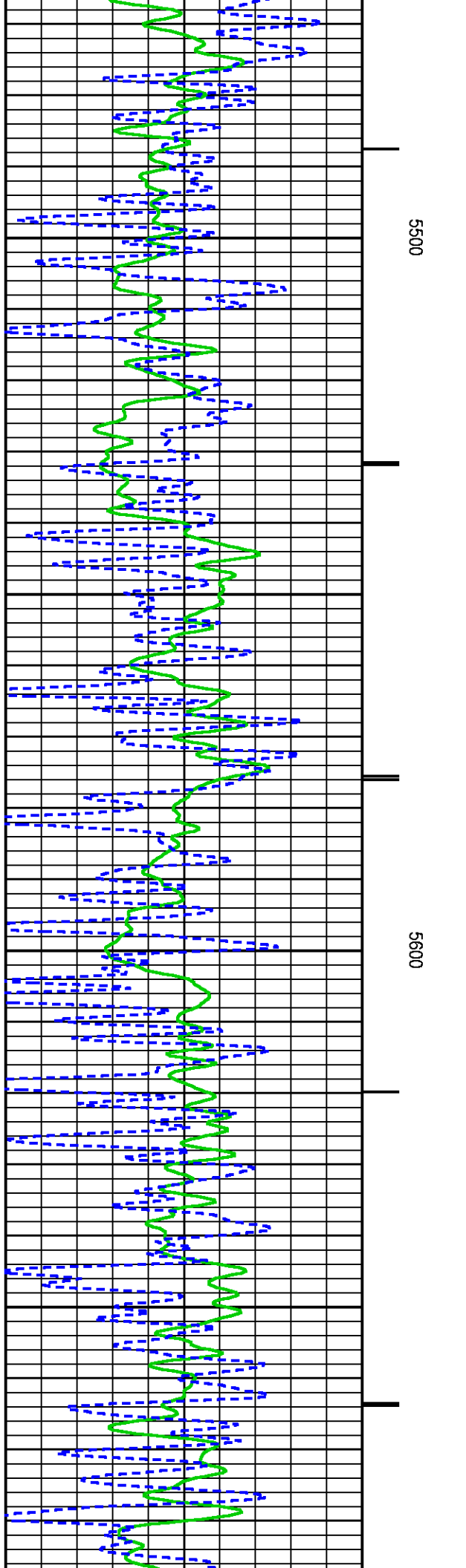
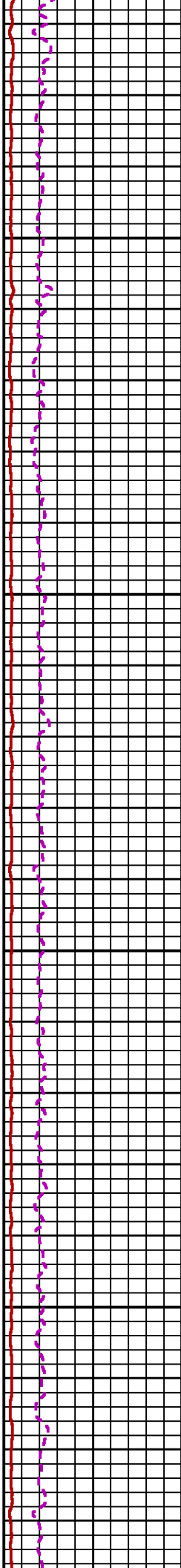
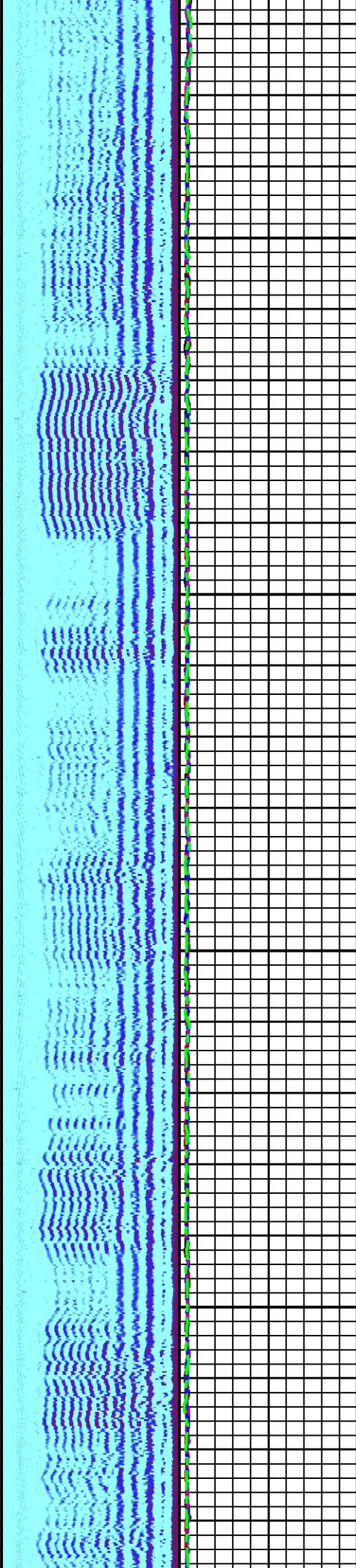






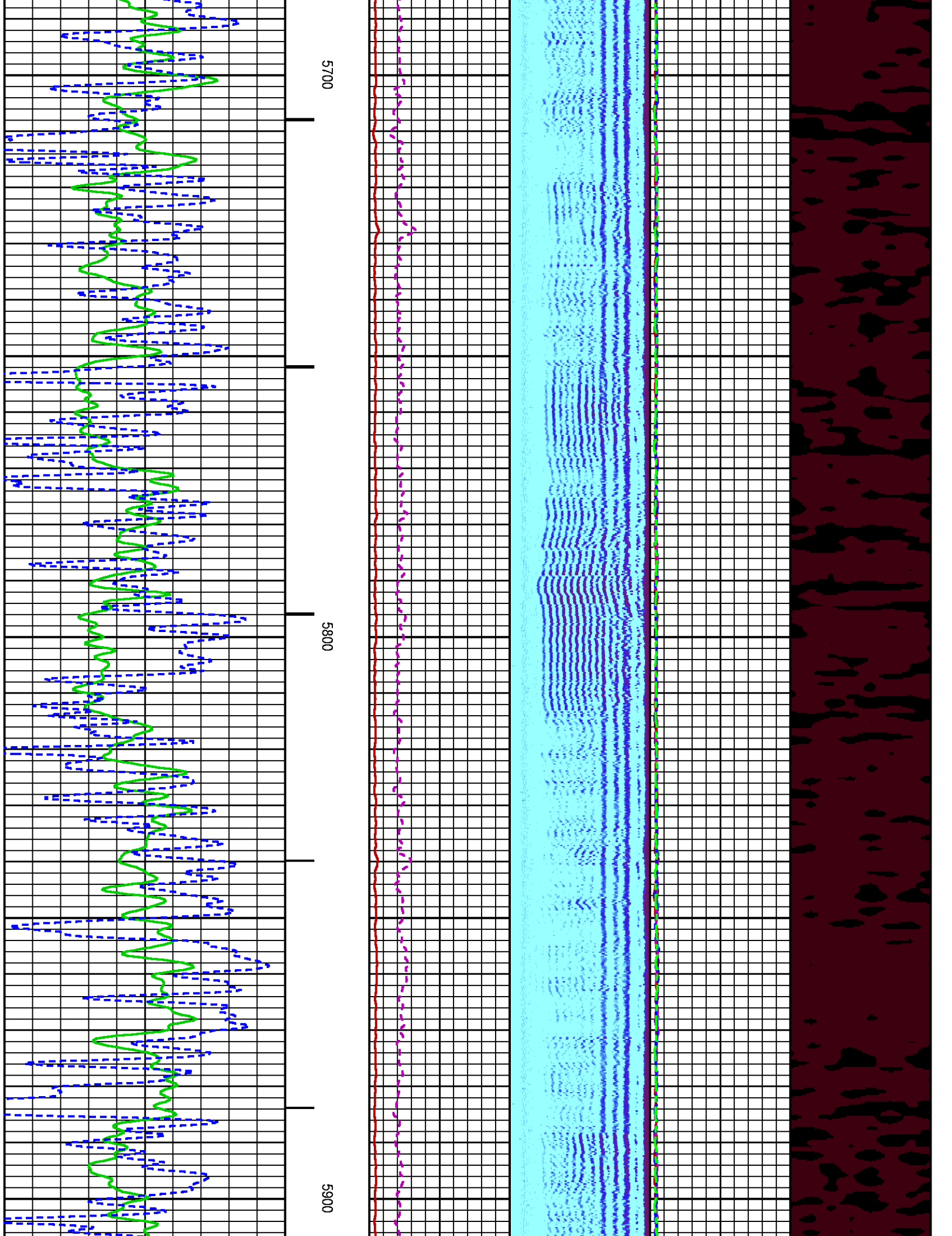


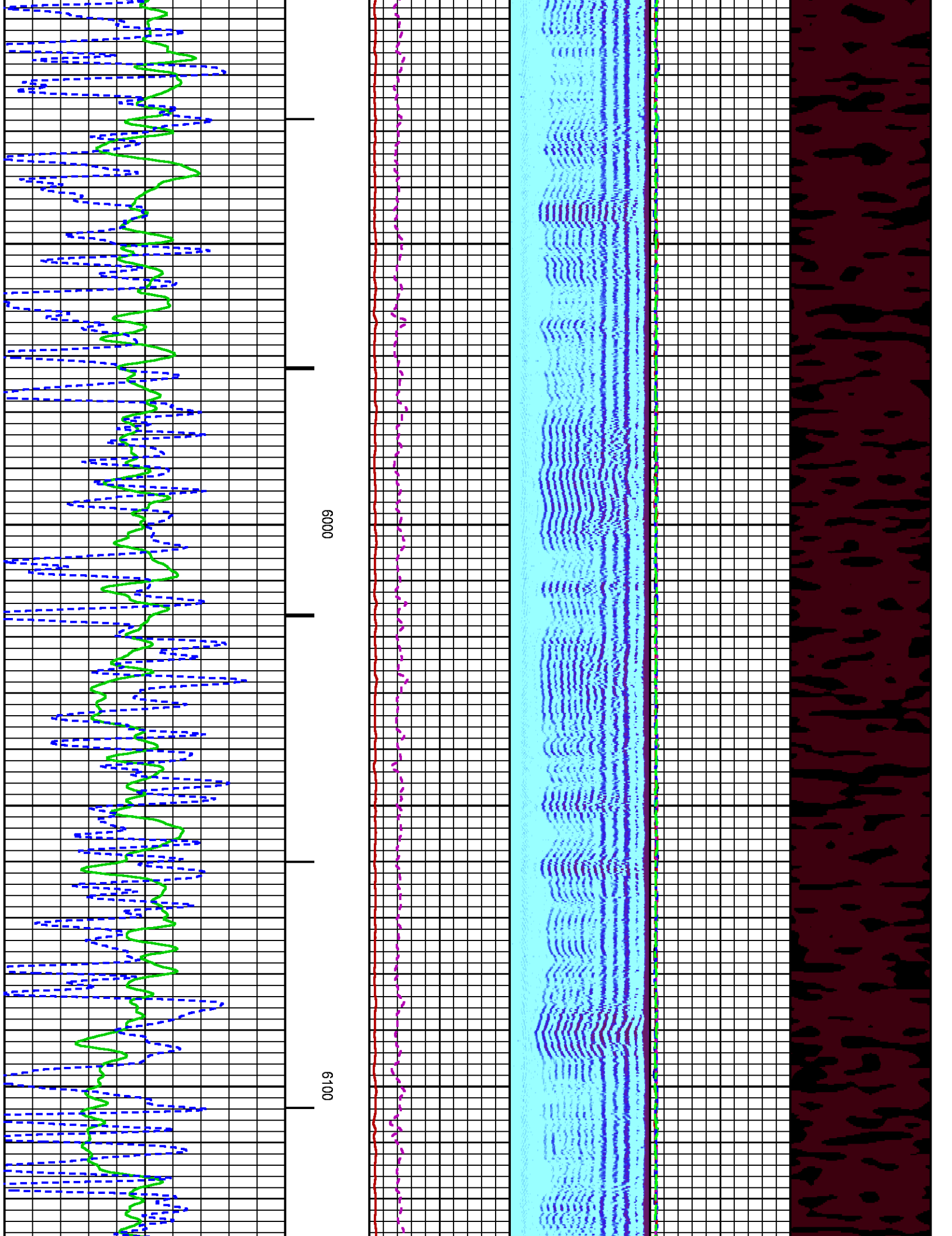


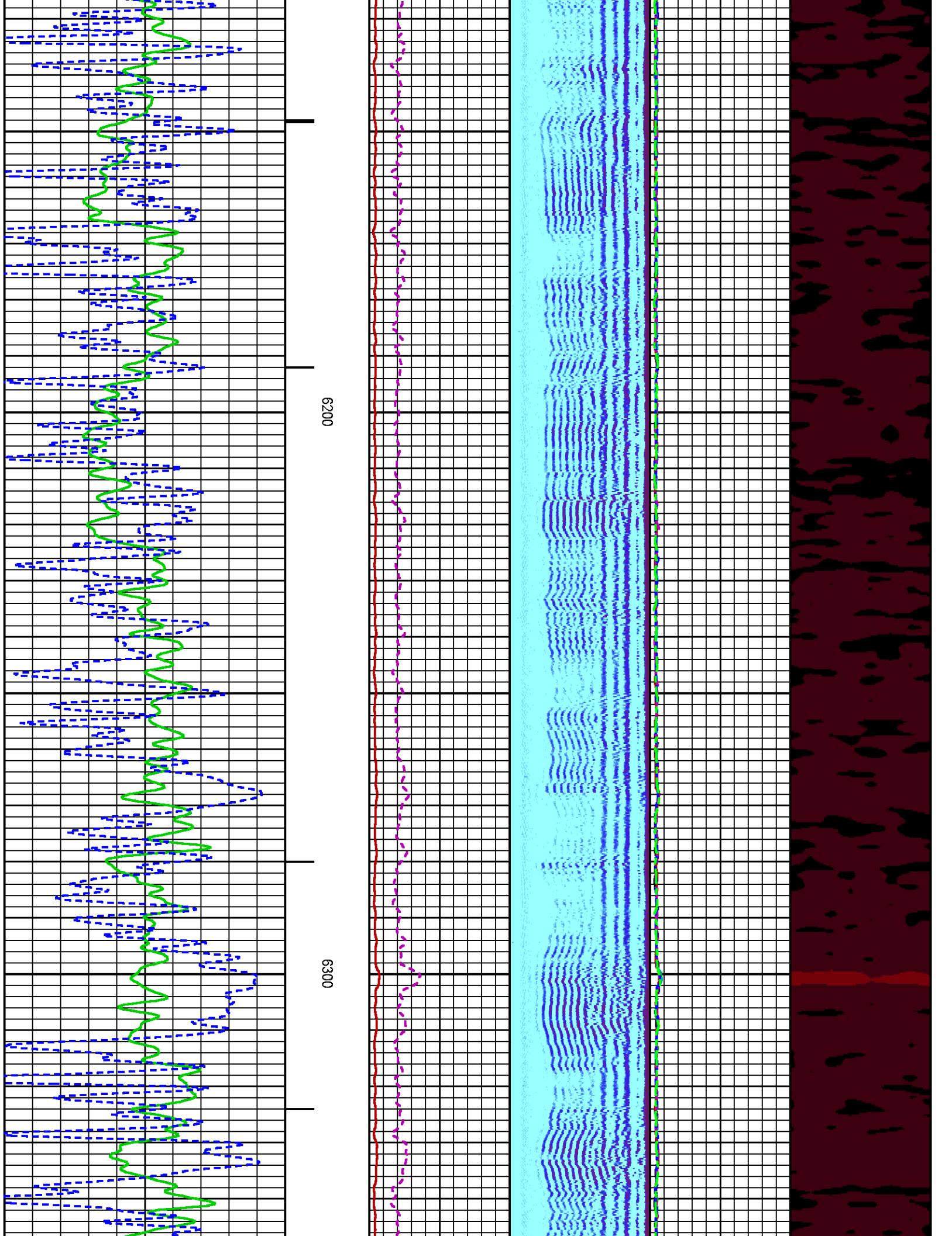


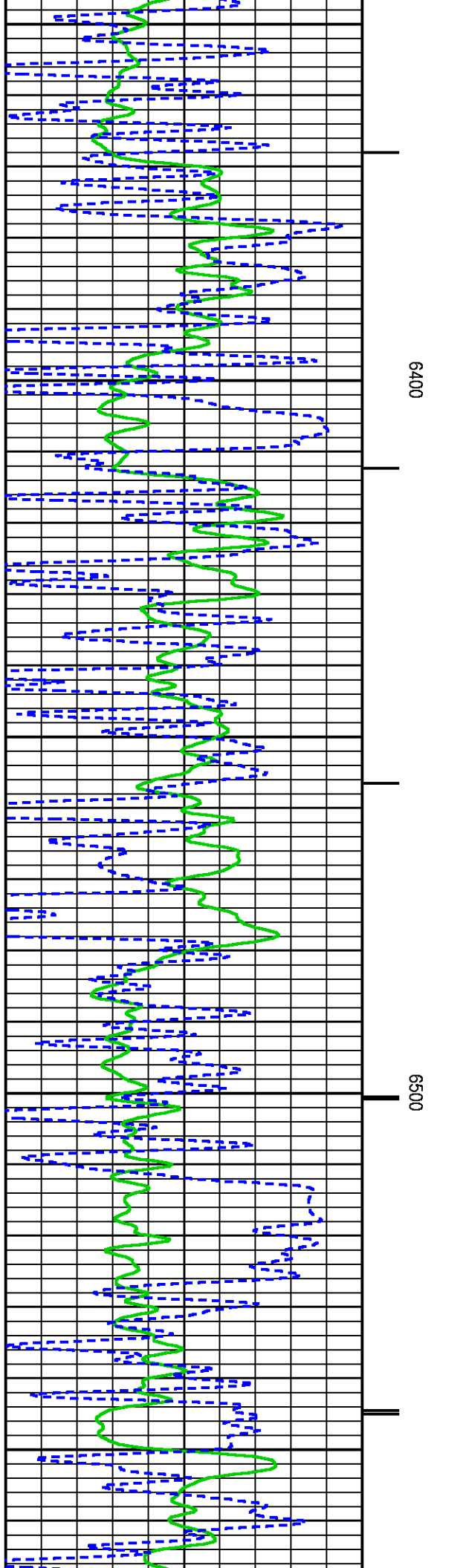
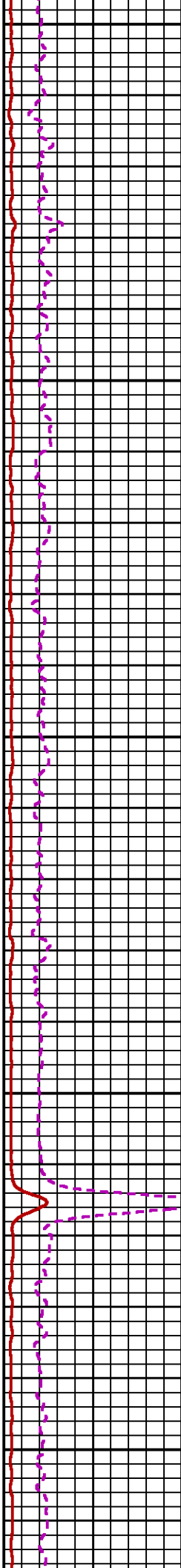
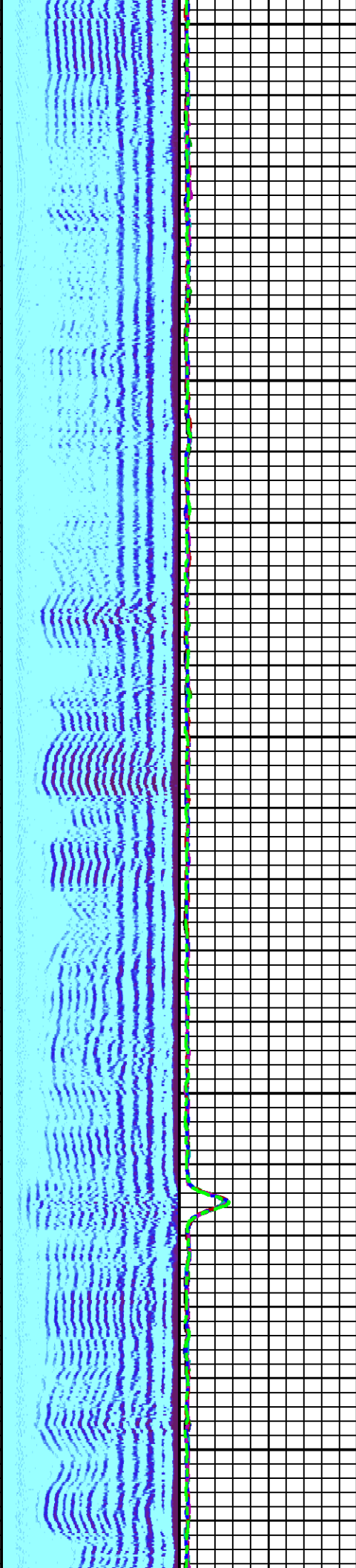
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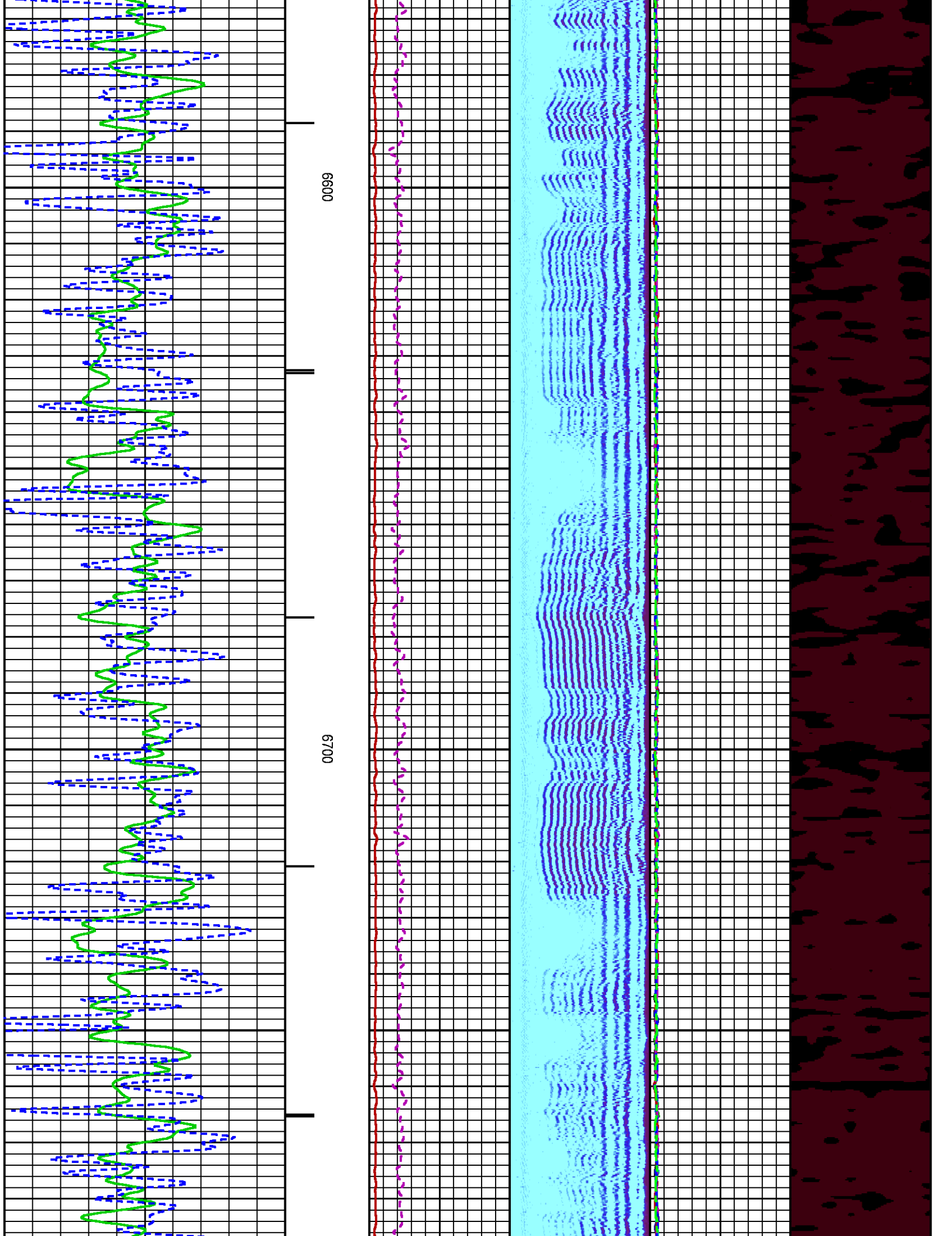
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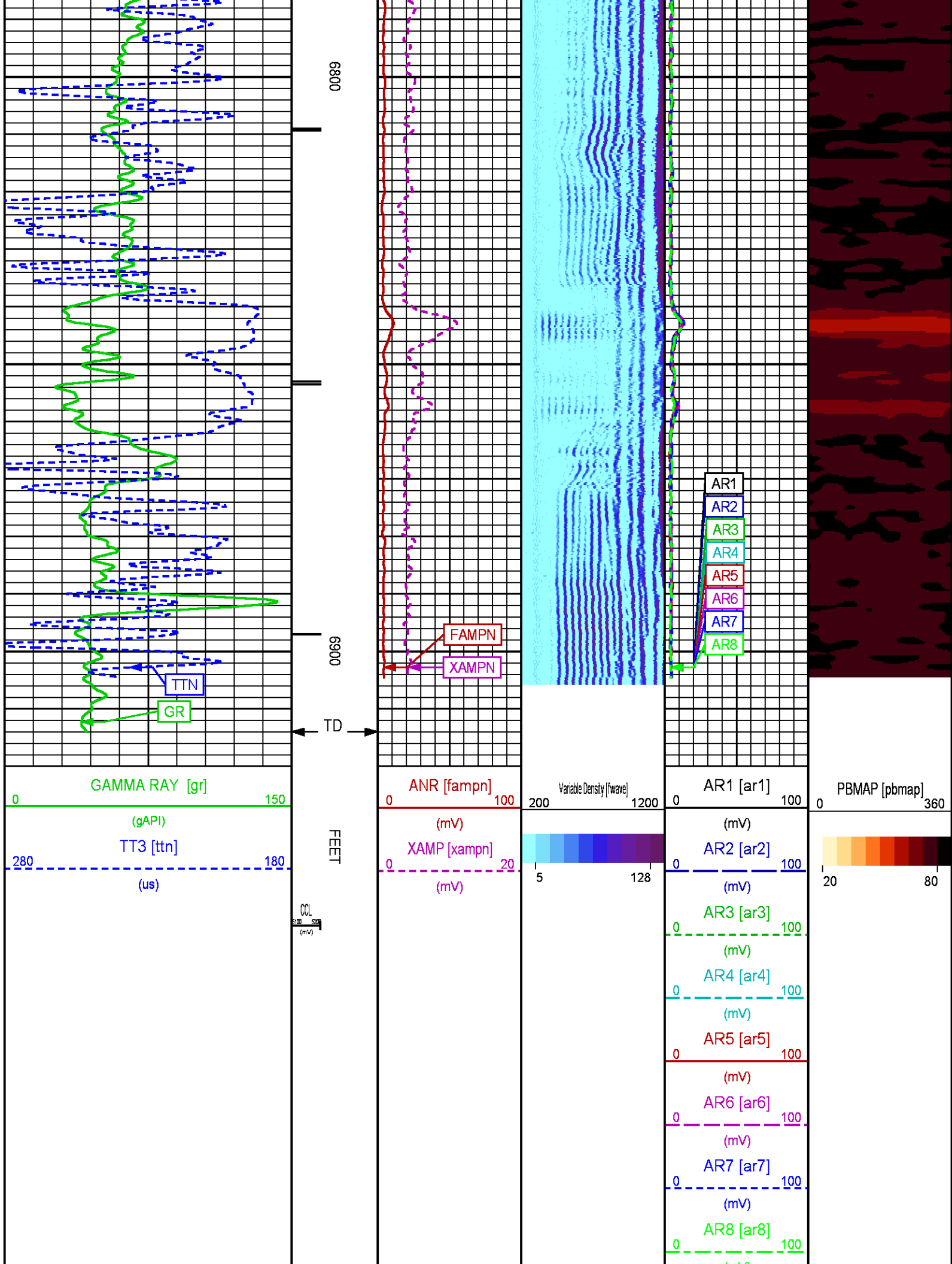












REPEAT LOG 0 PSI

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: Sun Jan 04 12:07:30 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: C:\dat1a\093578\012g01.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 6581.500 ft BOTTOM DEPTH: 6915.000 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*)	183	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	170	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
				"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-72	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jan 4 09:25:41 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jan 4 09:25:41 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jan 4 09:25:41 2015	FAR WAVE FORM
F1:GR	Jan 4 09:25:41 2015	GAMMA RAY
F1:TTN	Jan 4 09:25:41 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jan 4 09:25:41 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

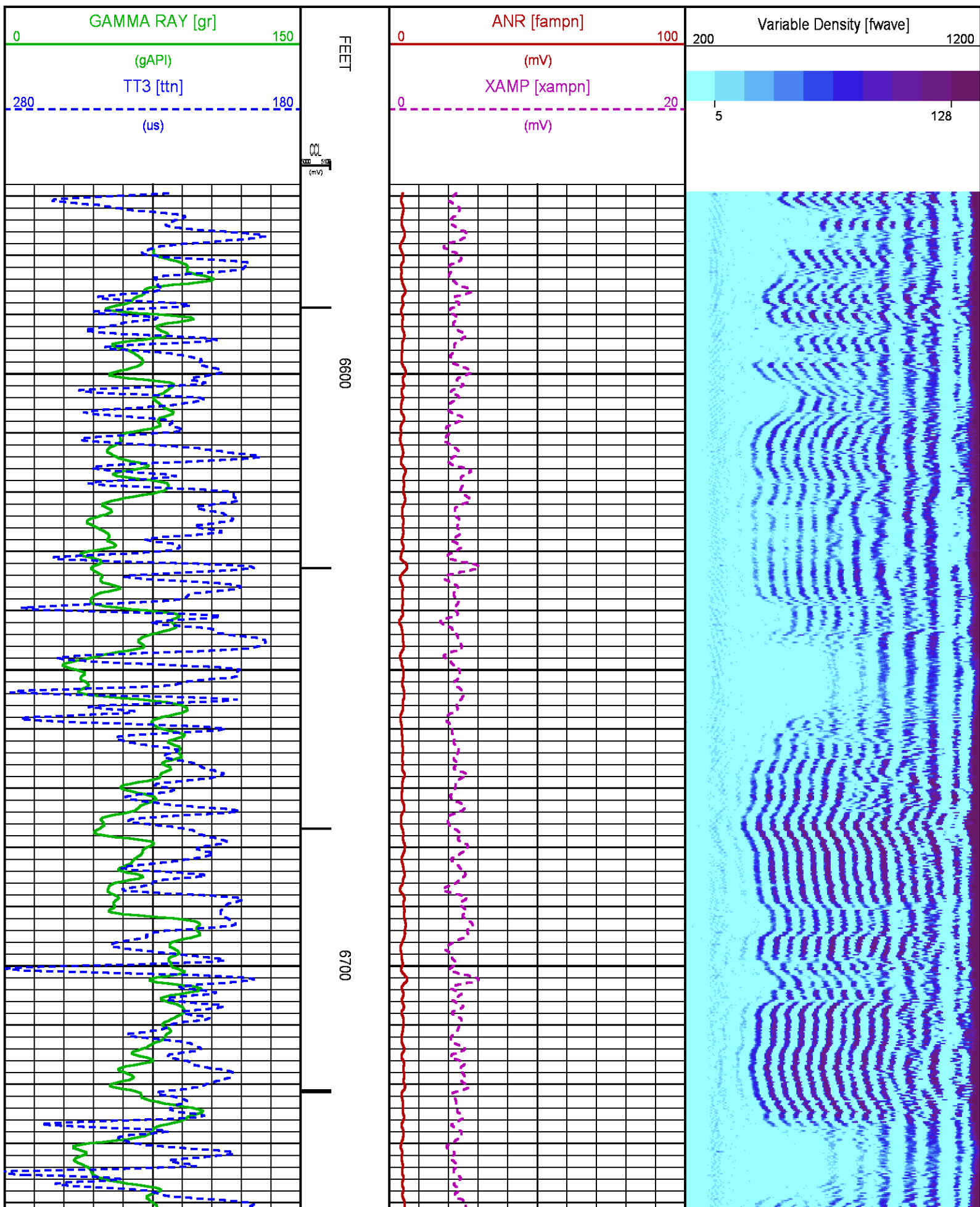
CURVE MEASURE POINT OFFSET

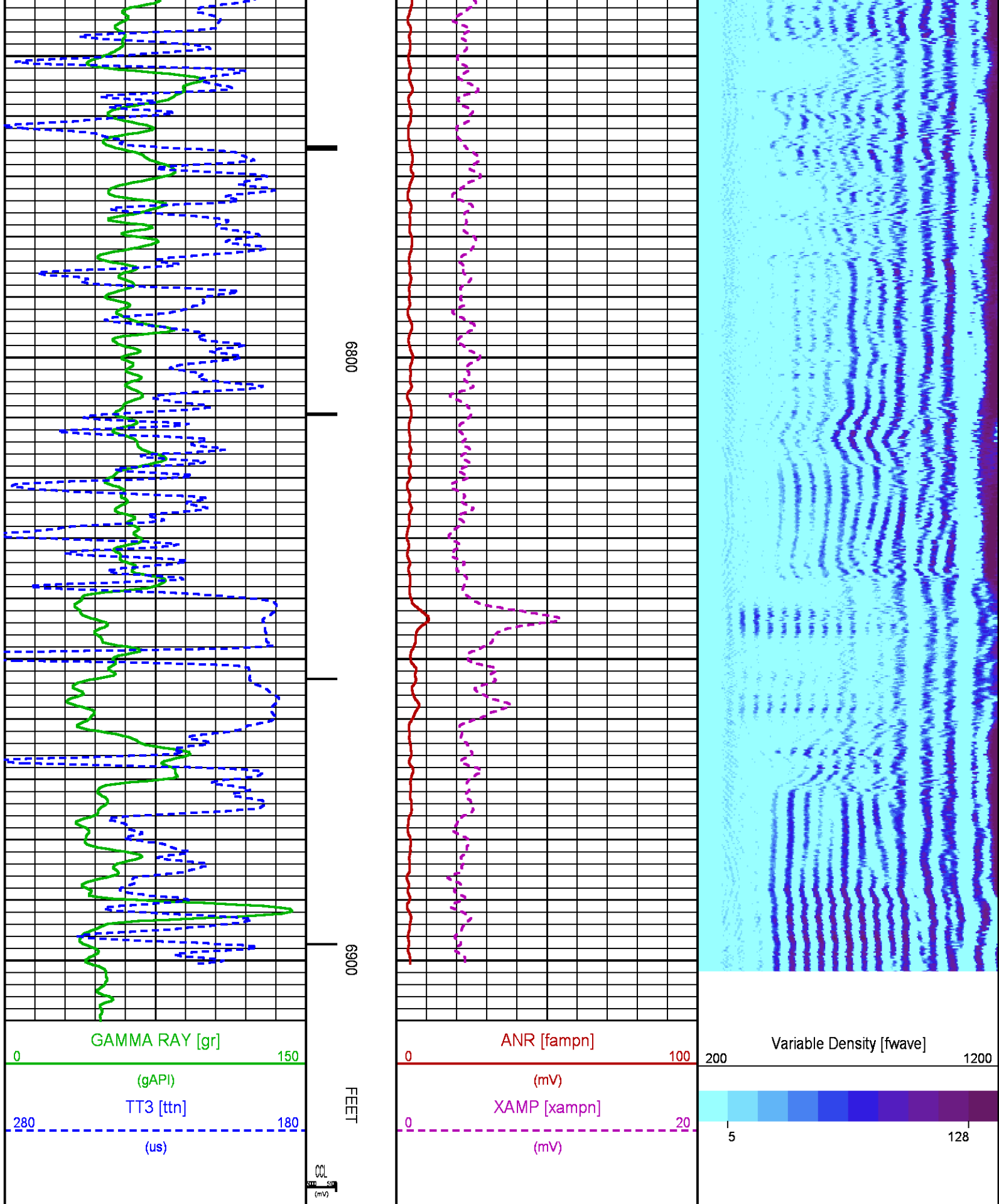
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	5.75	GR	1.75	XAMPN	11.25		
FAMPN	11.25	TTN	11.25				

Presentation : BHUGHES-06627:C:\dat1a\093578\533_CBL_REPEAT.fvpdf [5"/100' Scale]
Plot Interval : 6569.25 - 6911.5 Feet

Data File 1 : F1 : BHUGHES-06627:C:\dat1a\093578\533_CBL_REPEAT.xtf
Created On : Jan 4 09:25:41 2015

Company : WPX ENERGY
Well : WPX GM 533-28
Field : GRAND VALLEY
File Interval : 6568.25 - 6913 Feet
OCT : n012g





CALIBRATION / VERIFICATION SUMMARY

Source File: C:\dat1a\093578\012g.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10218495

DATE/TIME PERFORMED: Thu Jan 01 10:25:22 2015

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)	0.00	0.05	0.13	0.09	0.08	0.25	0.00	0.04	0.05	1.10	0.12
AMP FLUID (mV)	88	87	86	87	87	88	88	88	88	117	87
TT (us)	216	217	216	215	214	214	214	215	217	325	217
M FACTOR	1.14	1.15	1.16	1.15	1.15	1.14	1.14	1.14	1.14	1.30	1.16

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10218495

DATE/TIME PERFORMED: Sun Jan 04 08:56:52 2015

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	0.09	0.06	0.07	0.02	0.03	-0.04	-0.03	0.12	-0.10	0.04	0.08
AMP AIR	3.90	4.12	4.14	4.29	4.37	4.39	4.25	3.92	3.93	5.98	98.05

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
1.16	0.00	1.02

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

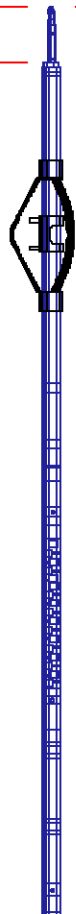
INSTRUMENT CONFIGURATION

Source File: C:\dat1a\093578\ICBL-tdg.meta

A3 CABLEHEAD
Diameter : 1.37"

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



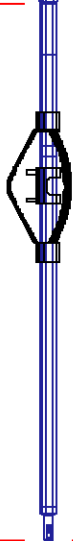
18.85'

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: 18.85'
TOTAL WEIGHT: 227 lbs
MAX DIAMETER: 0'4.00"



COMPANY
WELL
FIELD

WPX ENERGY
WPX GM 542-28
GRAND VALLEY

FILE NO:
CH093578



FIELD	GRAND VALLEY	APINO:
COUNTY	GARFIELD	05045225020000
STATE	COLORADO	
LOCATION:	ELEVATIONS:	
SHL: 1498' FSL & 2352' FWL	KB 5500 FT	28 6S 96W
BHL: 1538' FSL & 1533' FEL (NWSE)	DF	GM 323-28 PAD
	GL 5476 FT	H&P 318
SEC 28 TWP 6S RGE 96W	DATE	4-Jan-2015