



FILE NO: CH092508

COMPANY LARAMIE ENERGY

WELL SUP & SHEP FEDERAL 25-11W

API NO: 05077102180000

FIELD VEGA

COUNTY MESA

STATE CO

Ver. 3.87

LOCATION: SHL: LAT 39.245043 LONG -107.722779

SUP & SHEP 25-11 BHL: LAT 39.245428 LONG -107.726810

PATTERSON 306

SEC 25 TWP 9S RGE 93W

OTHER SERVICES RPM

PERMANENT DATUM GL ELEVATION 8074 FT

LOG MEASURED FROM KB 22 FT ABOVE P.D.

DRILL. MEAS. FROM KB

ELEVATIONS: KB 8096 FT DF GL 8074 FT

DATE	26-Nov-2014
RUN	1
TRIP	1
SERVICE ORDER	US092508
DEPTH DRILLER	8629 FT
DEPTH LOGGER	8502 FT
BOTTOM LOGGED INTERVAL	8492 FT
TOP LOGGED INTERVAL	22 FT
TIME STARTED	6:30
TIME FINISHED	10:00
OPERATOR RIG TIME	3.5 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
LOGGED CEMENT TOP	78 FT
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	65 FMIN
MAX. RECORDED TEMP.	256 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	HL-6670
LOCATION	GRAND JCT.
RECORDED BY	NEWELL
WITNESSED BY	KEITH

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
7.875 IN		8629 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
4.5 IN	11.6 LB/F	I-80	0 FT	8629 FT

REMARKS

RUN 1 TRIP 1: This is the first log on this well.

Logged with zero PSI at wellhead.

BHT = 256 degF

SJ = 5269' - 5291'

SJ= 7496' - 7518'

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	BOND TOOL	1426XA	10417452	CENTRALIZED
1	1	GR/CCL	2459XA	10218503	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: 4

Plotted: Wed Nov 26 10:51:17 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH092508/n012eR03.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 24.750 ft BOTTOM DEPTH: 8504.000 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*)	175	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-69	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

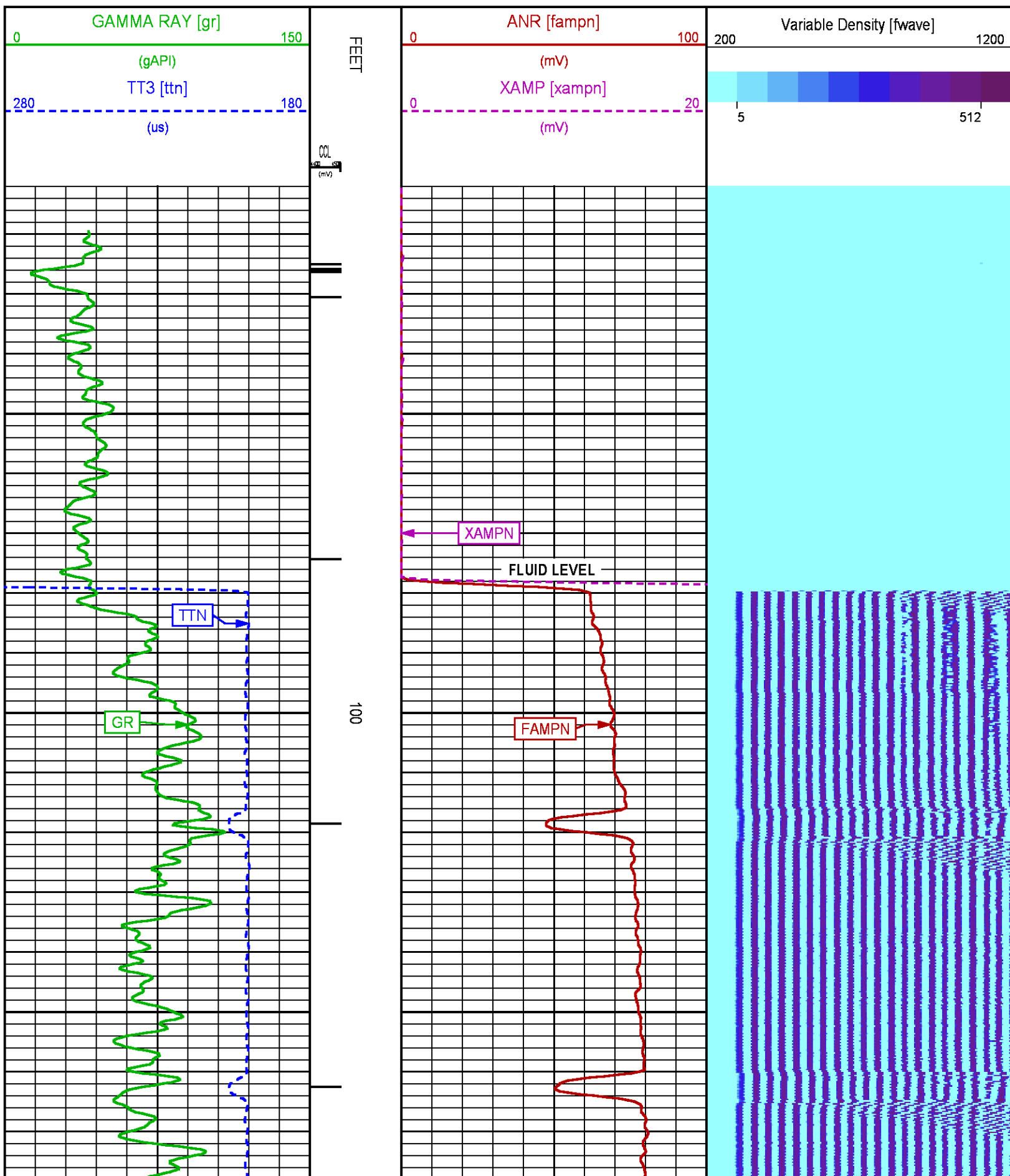
CURVE DESCRIPTION REPORT

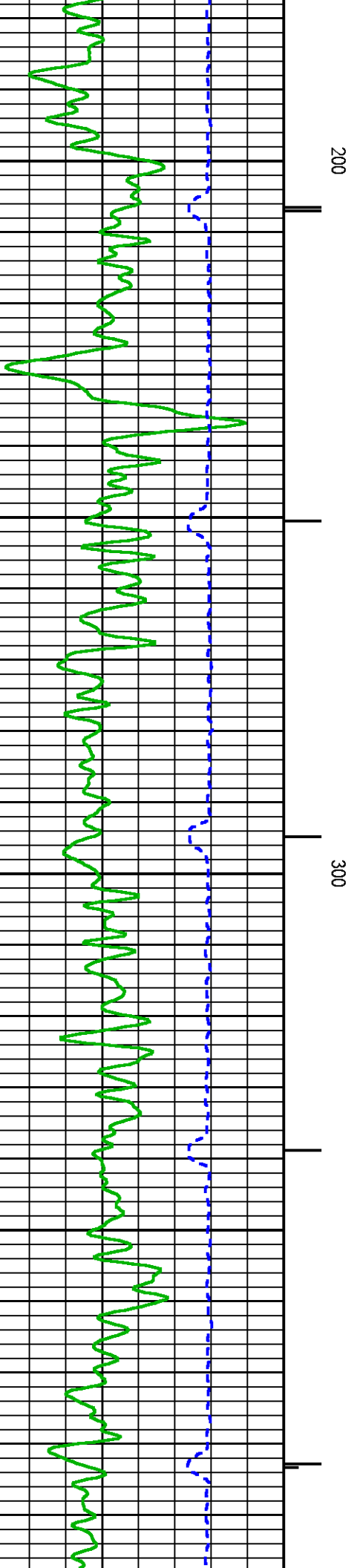
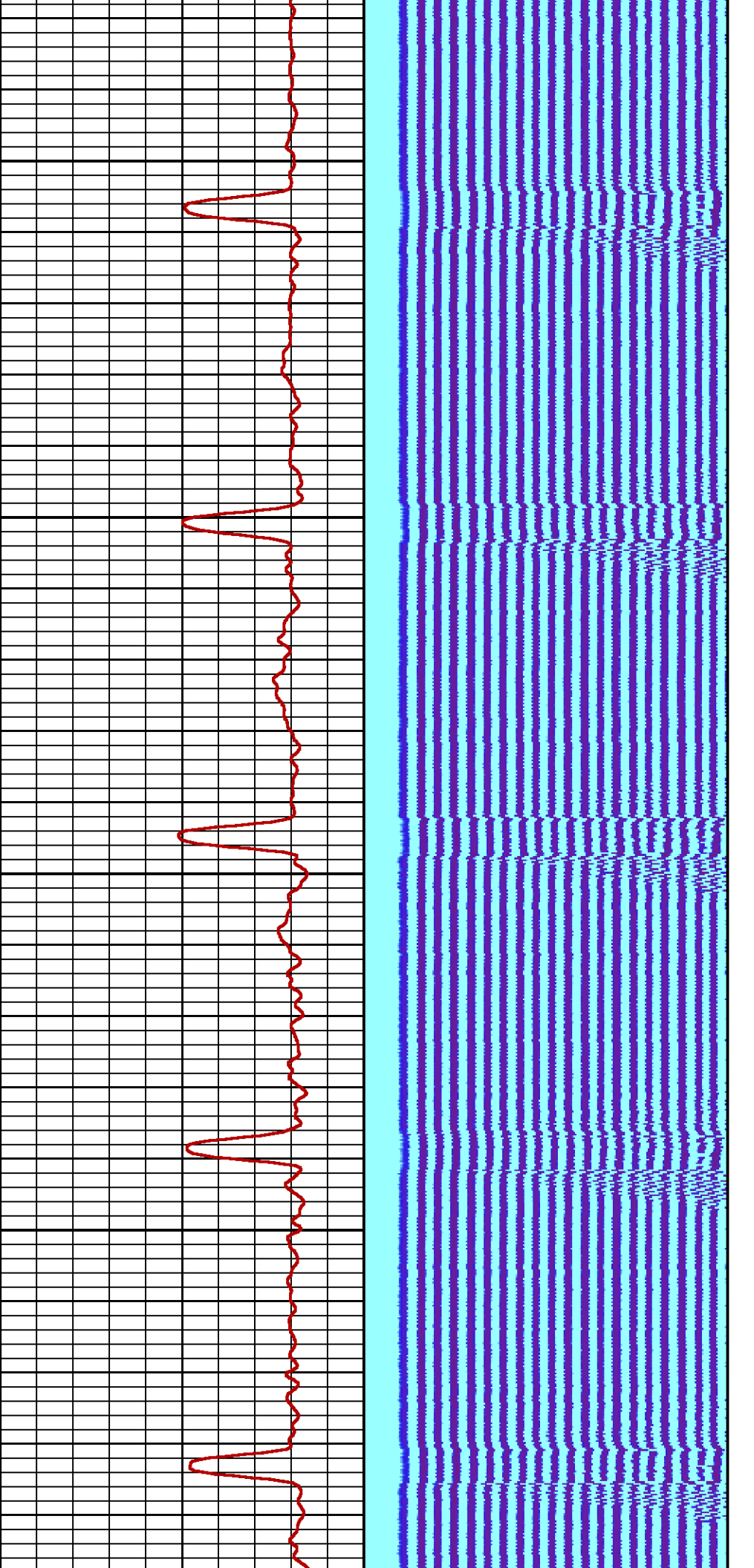
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Nov 26 09:29:15 2014	CASING COLLAR LOCATOR
F1:FAMPN	Nov 26 09:29:15 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Nov 26 09:29:15 2014	FAR WAVE FORM
F1:GR	Nov 26 09:29:15 2014	GAMMA RAY
F1:TTN	Nov 26 09:29:15 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Nov 26 09:29:15 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

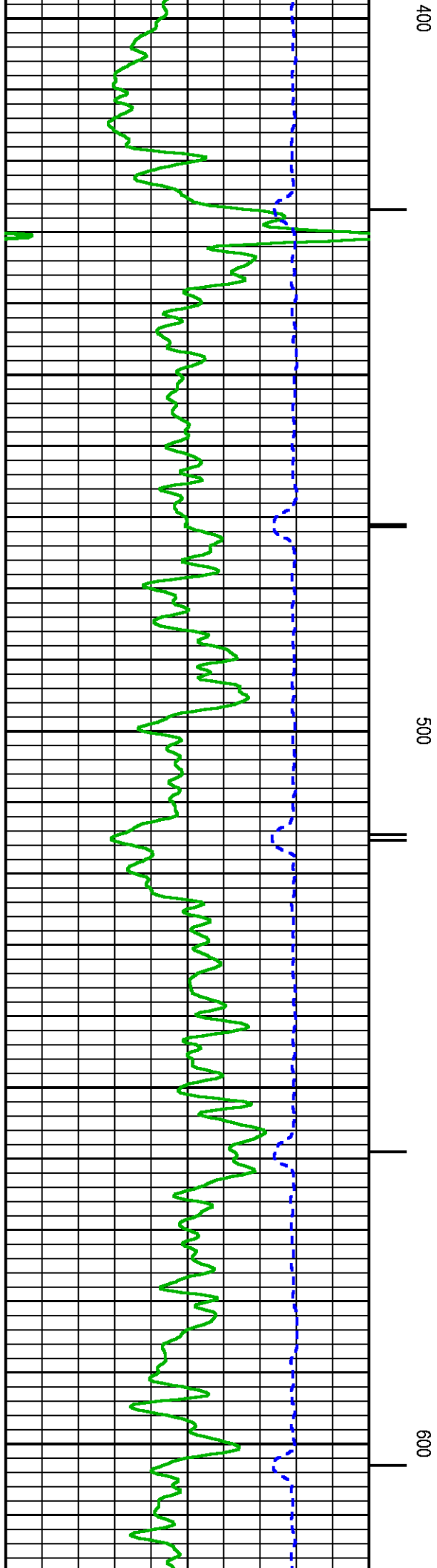
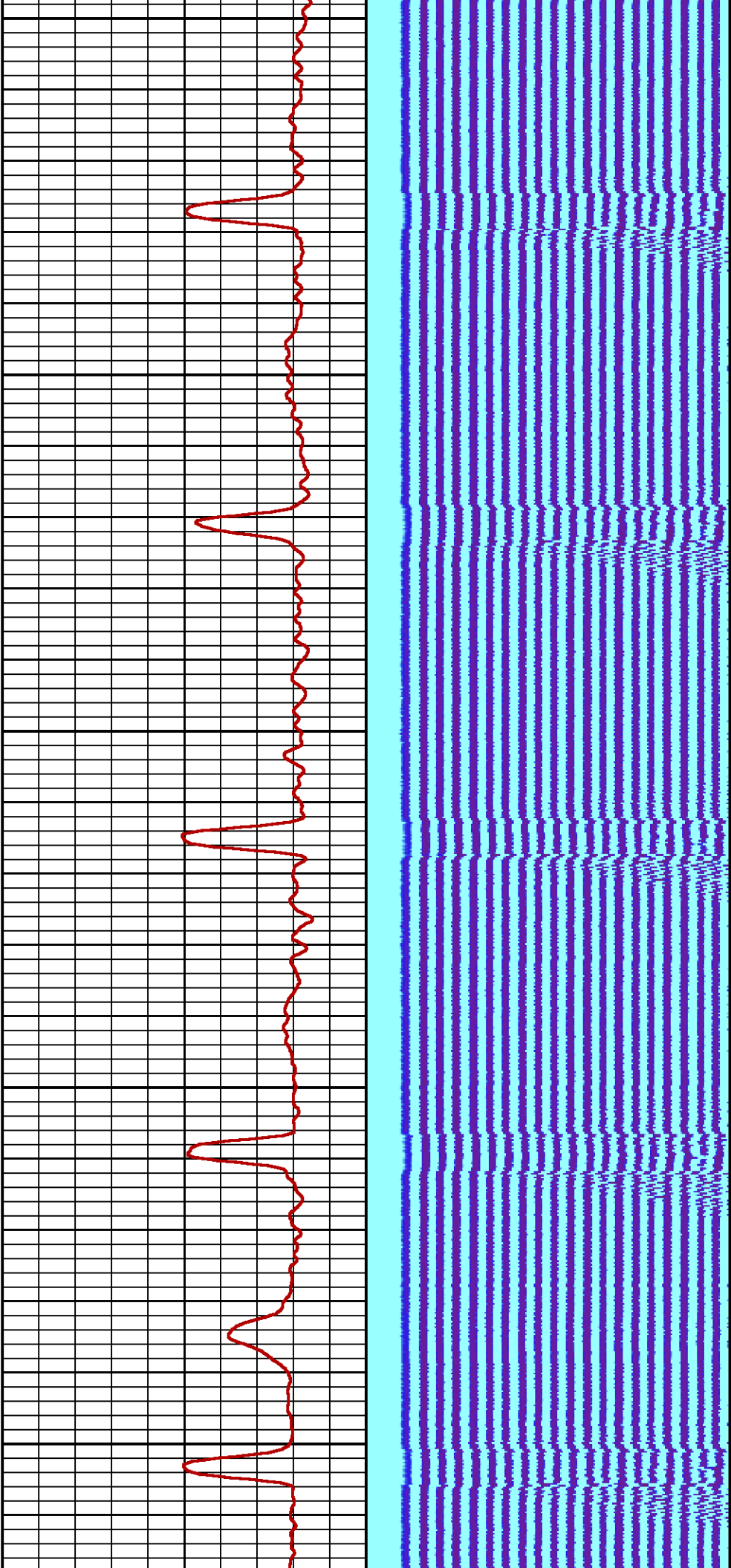
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

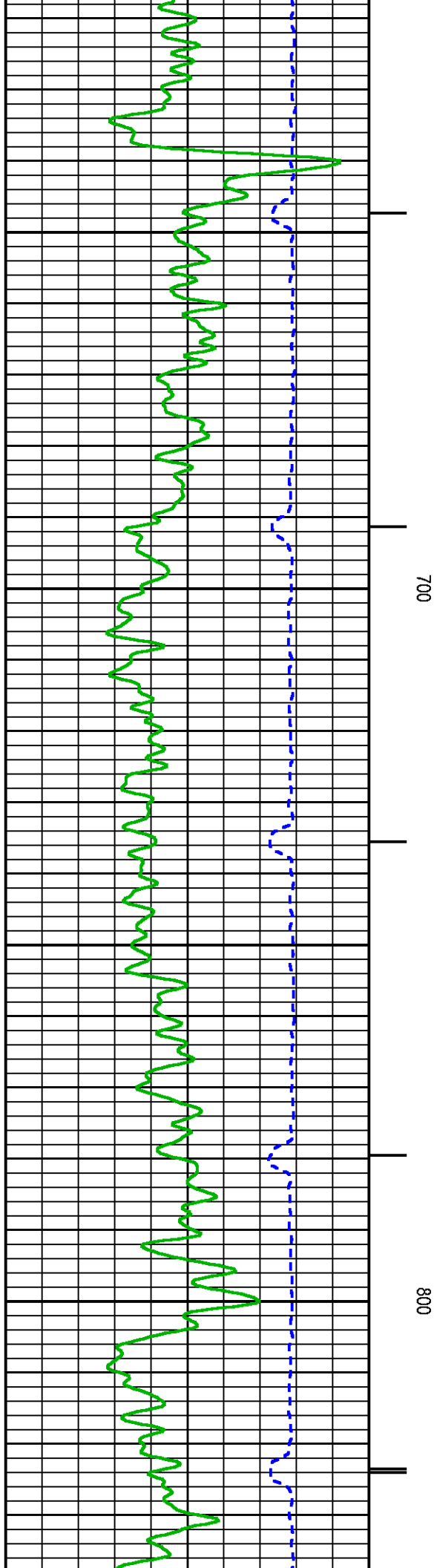
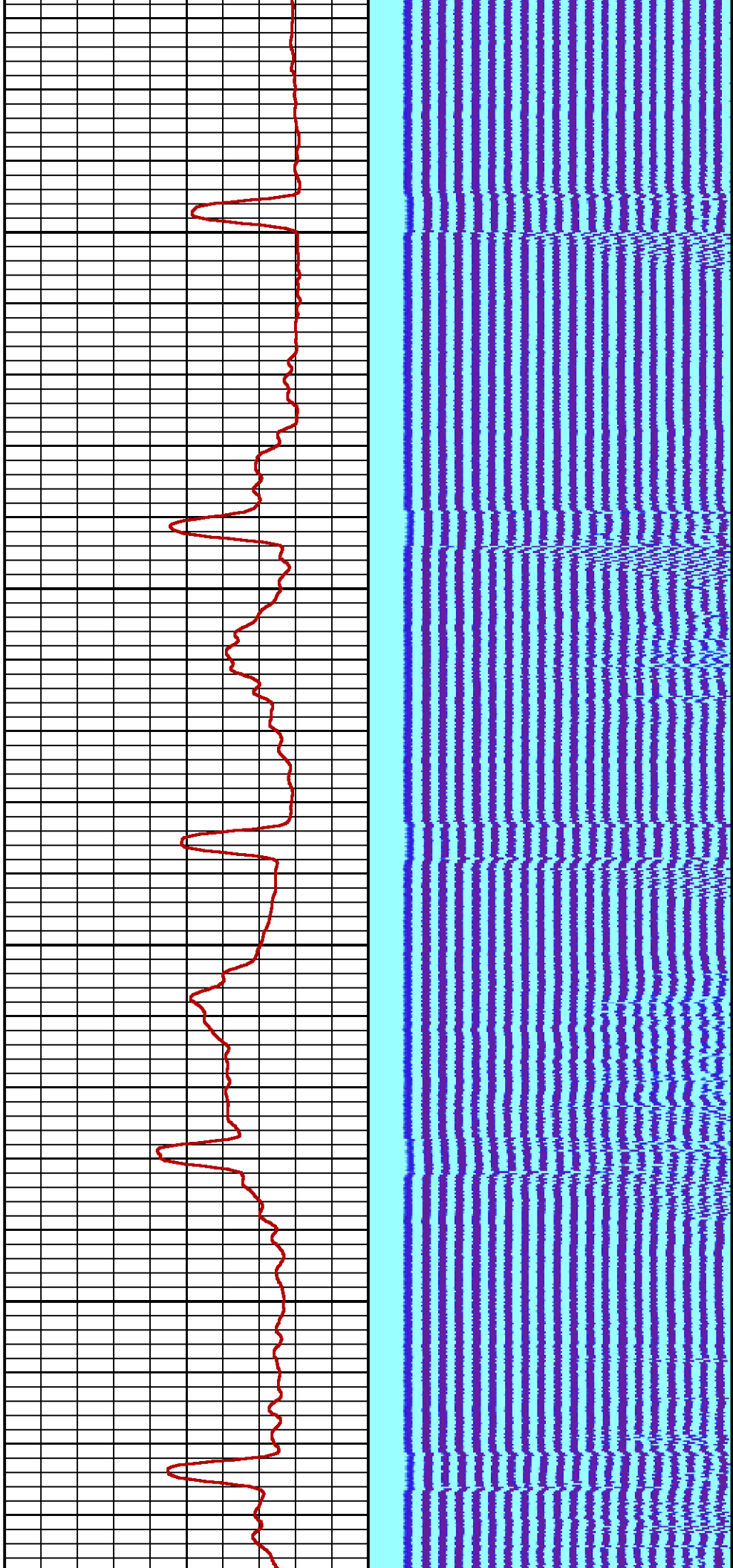
Presentation : HL6670:/dat1a/CH092508/11WCBL_PRIMARY_PRESENTATION.fvpdf [5"/100' Scale]
Plot Interval : 12 - 8507 Feet

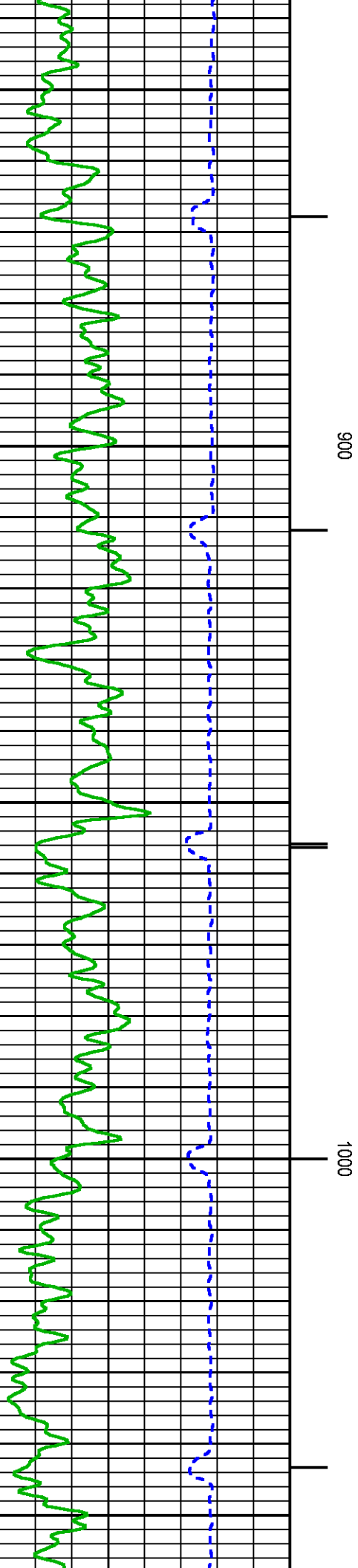
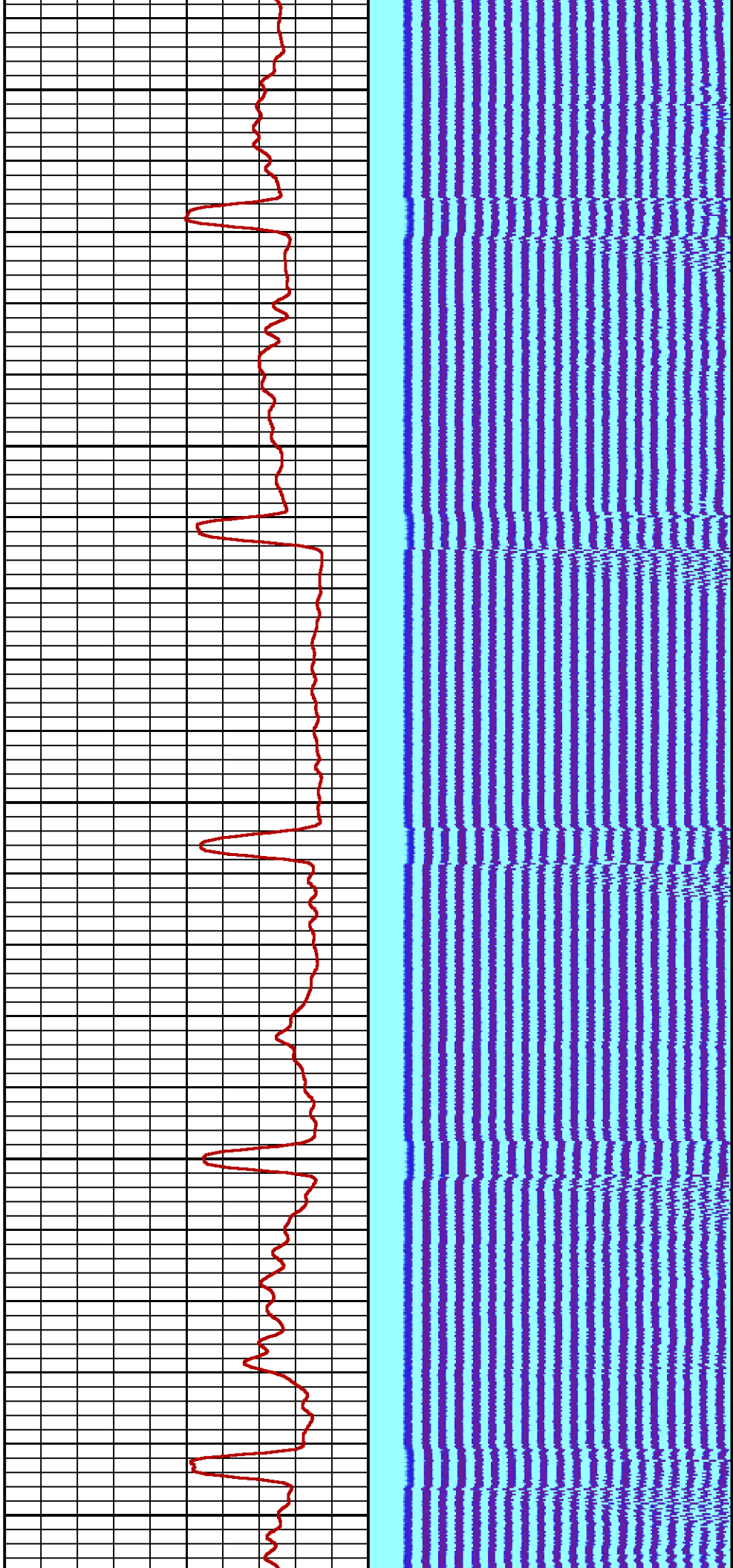
Data File 1 : F1 : HL6670:/dat1a/CH092508/11WCBL_MAIN.xtf
Created On : Nov 26 09:29:15 2014
Company : LARAMIE ENERGY
Well : SUP & SHEP FEDERAL 25-11W
Field : VEGA
File Interval : 11 - 8504 Feet
OCT : n012e

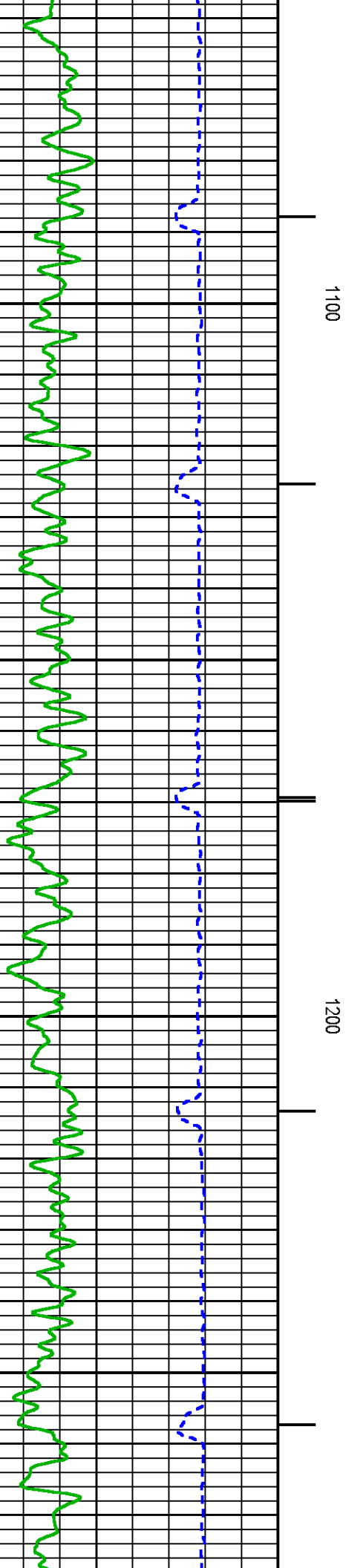
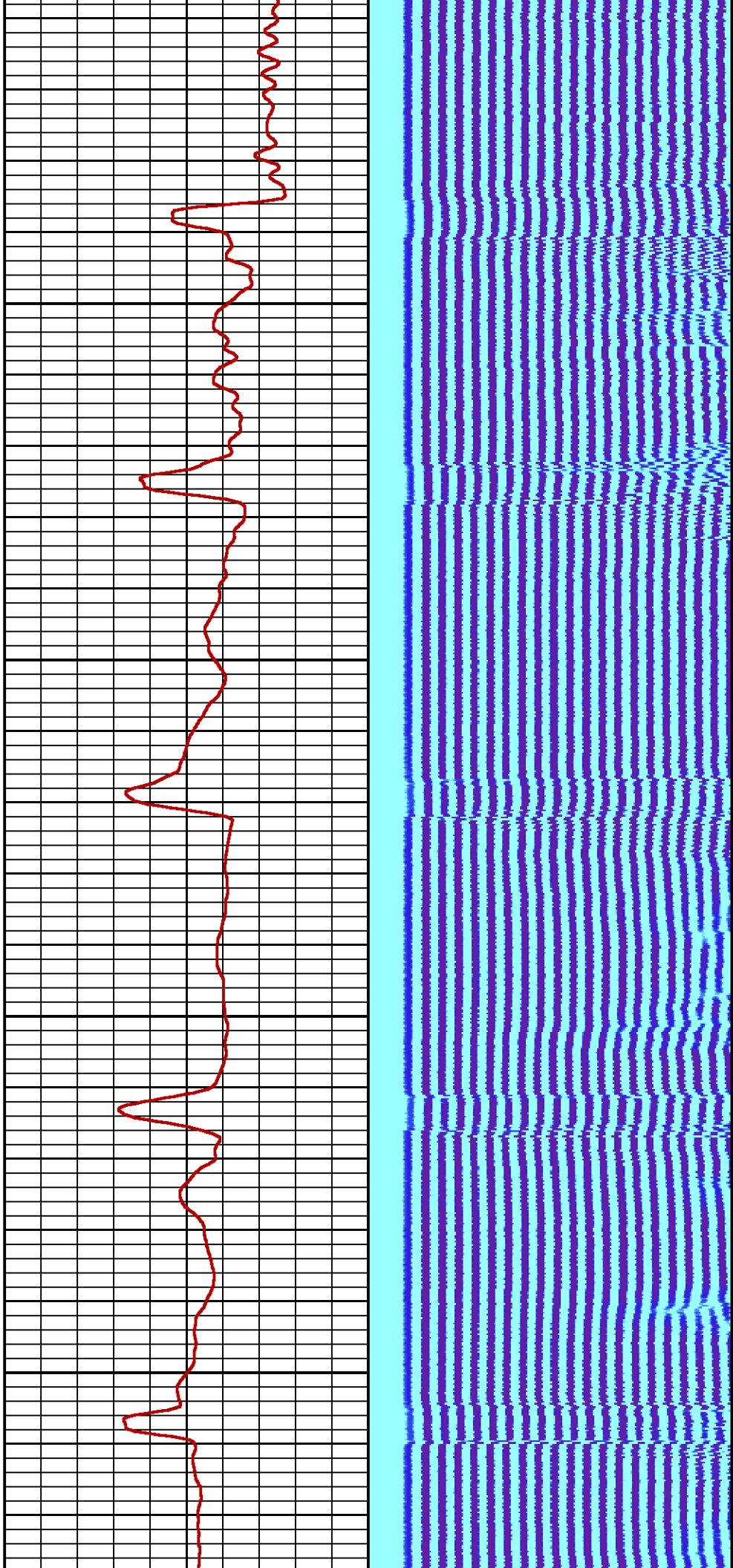


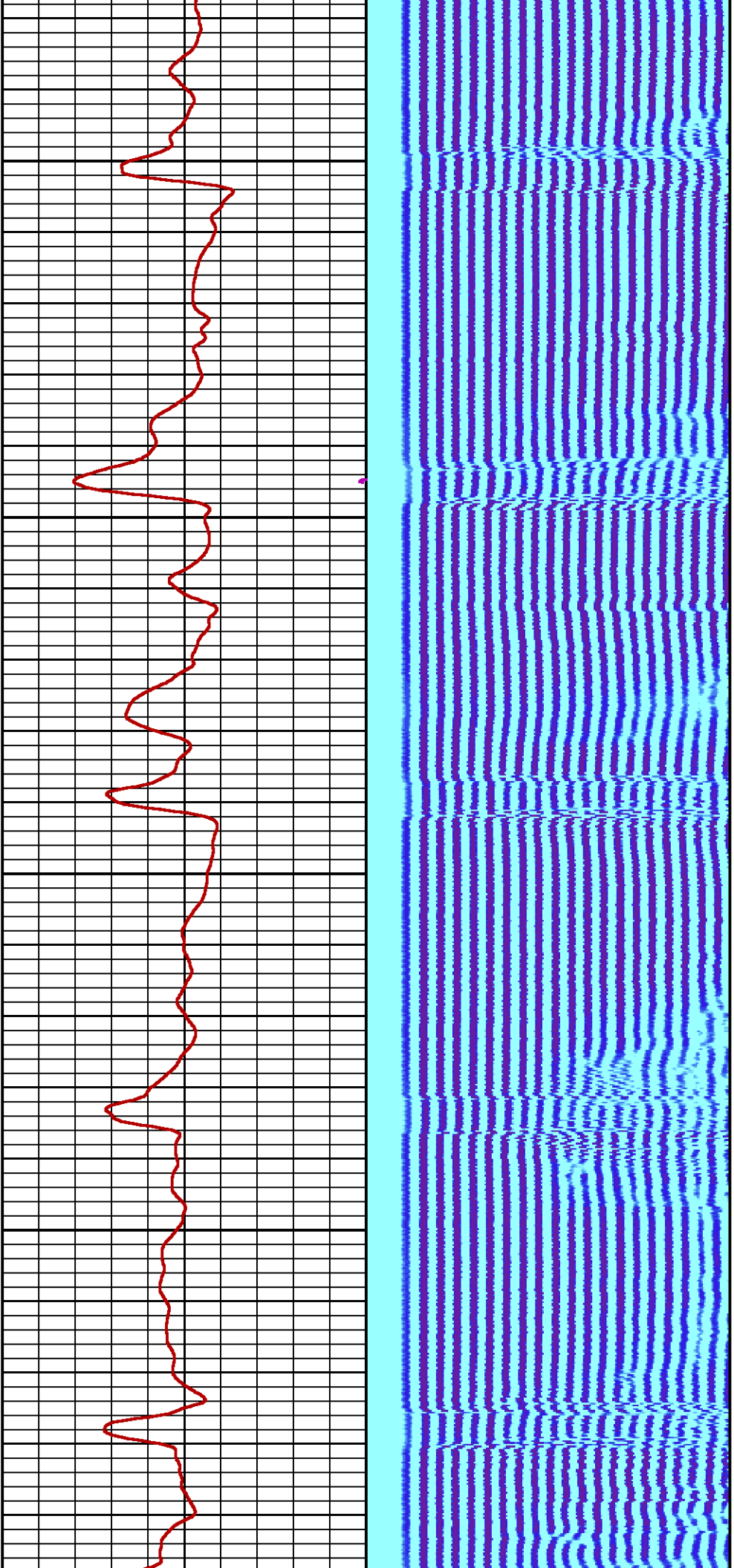






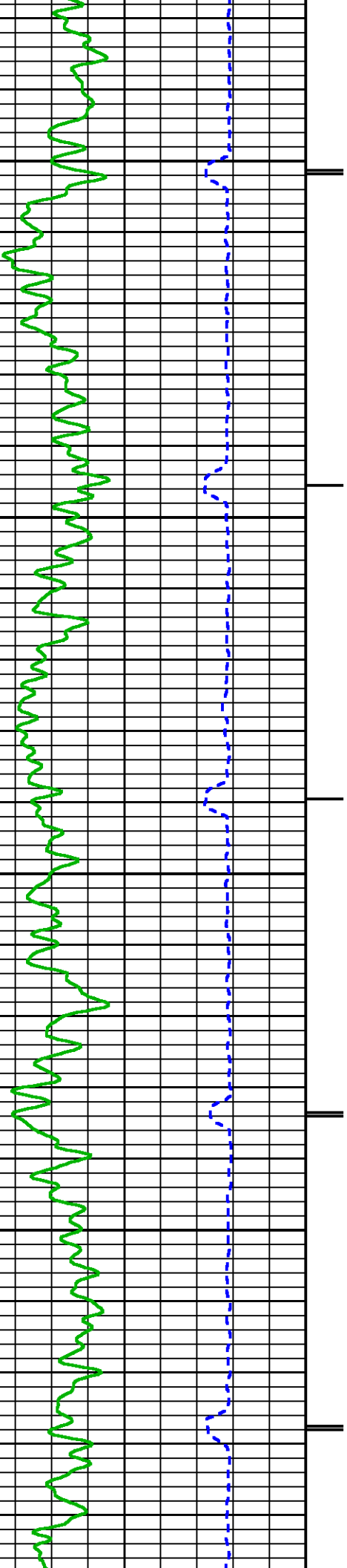


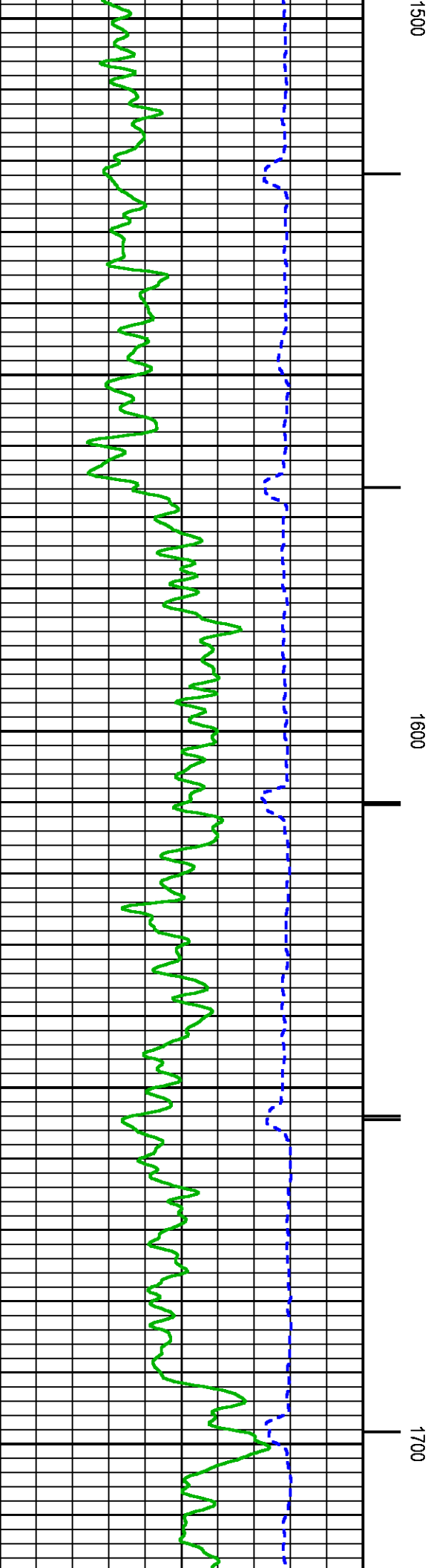
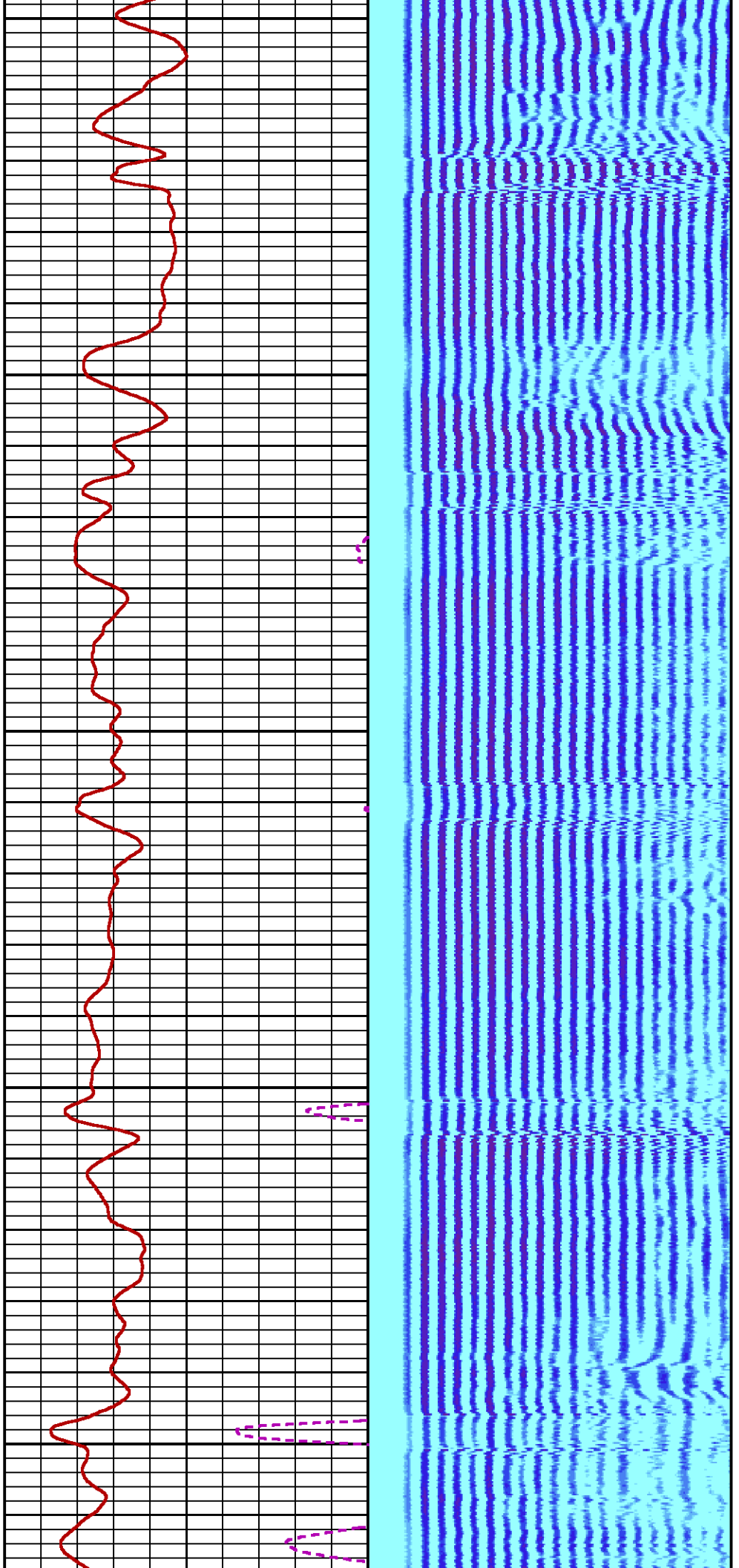


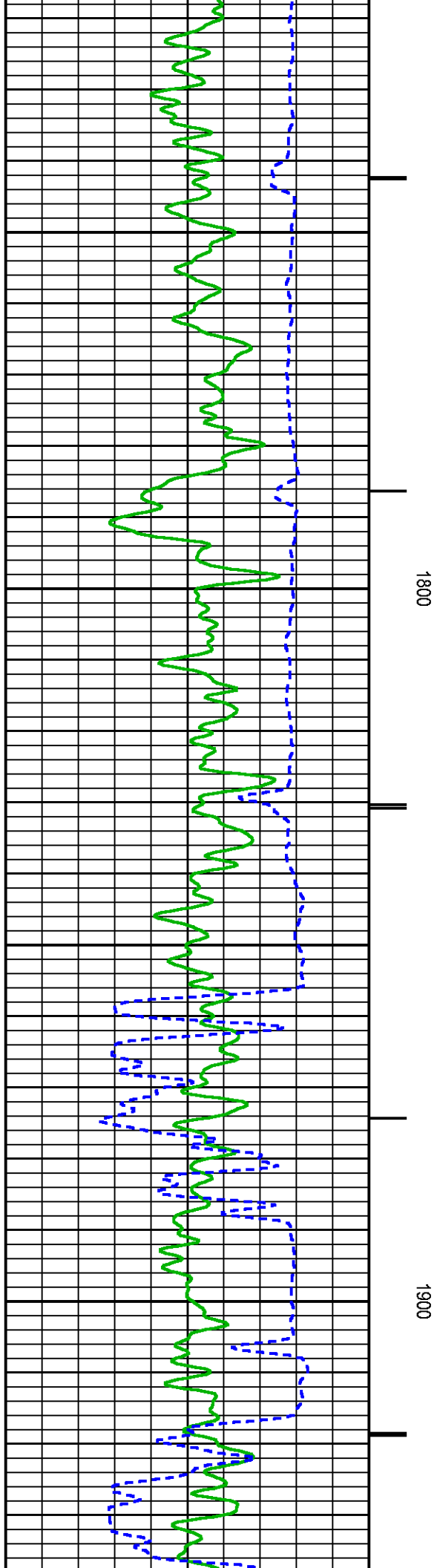
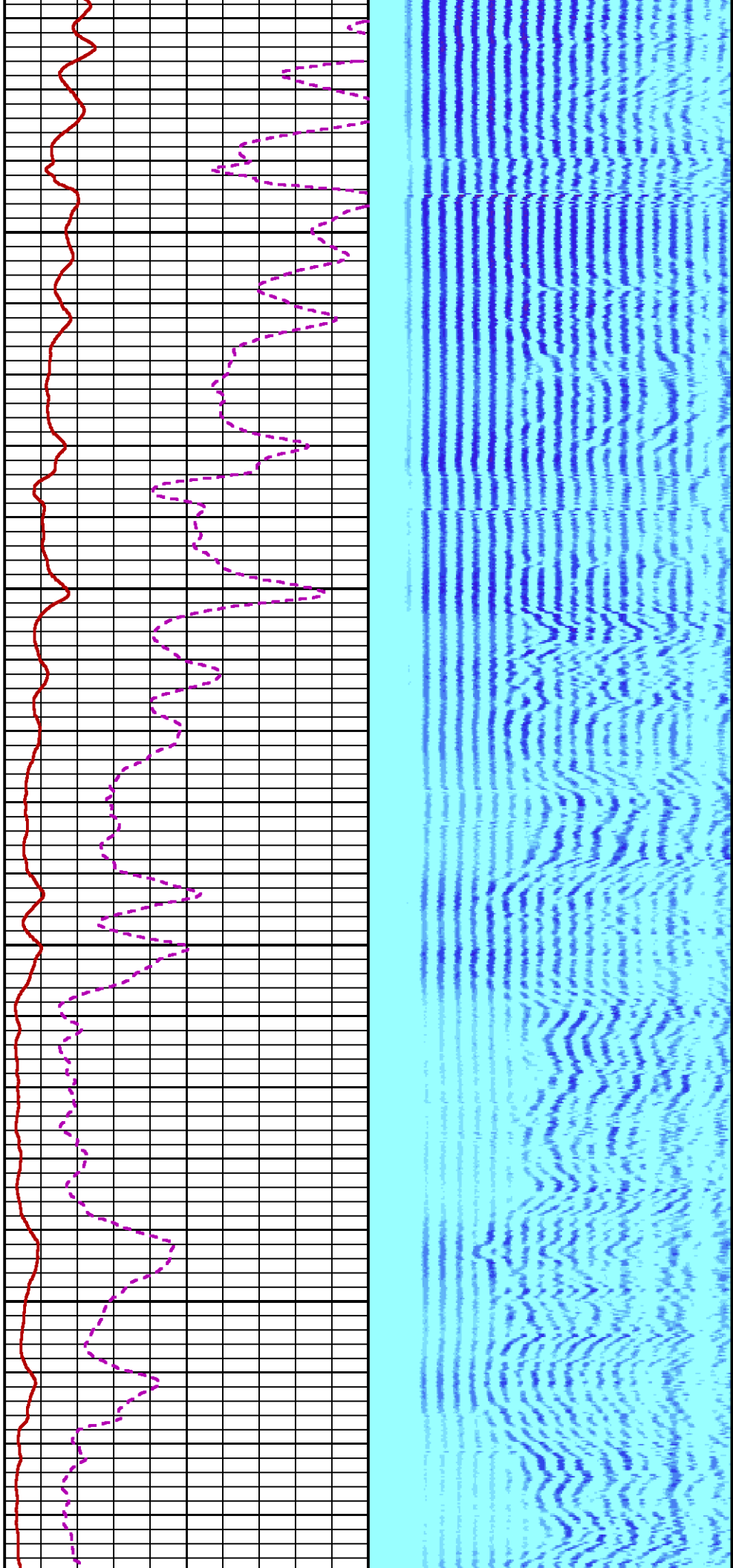


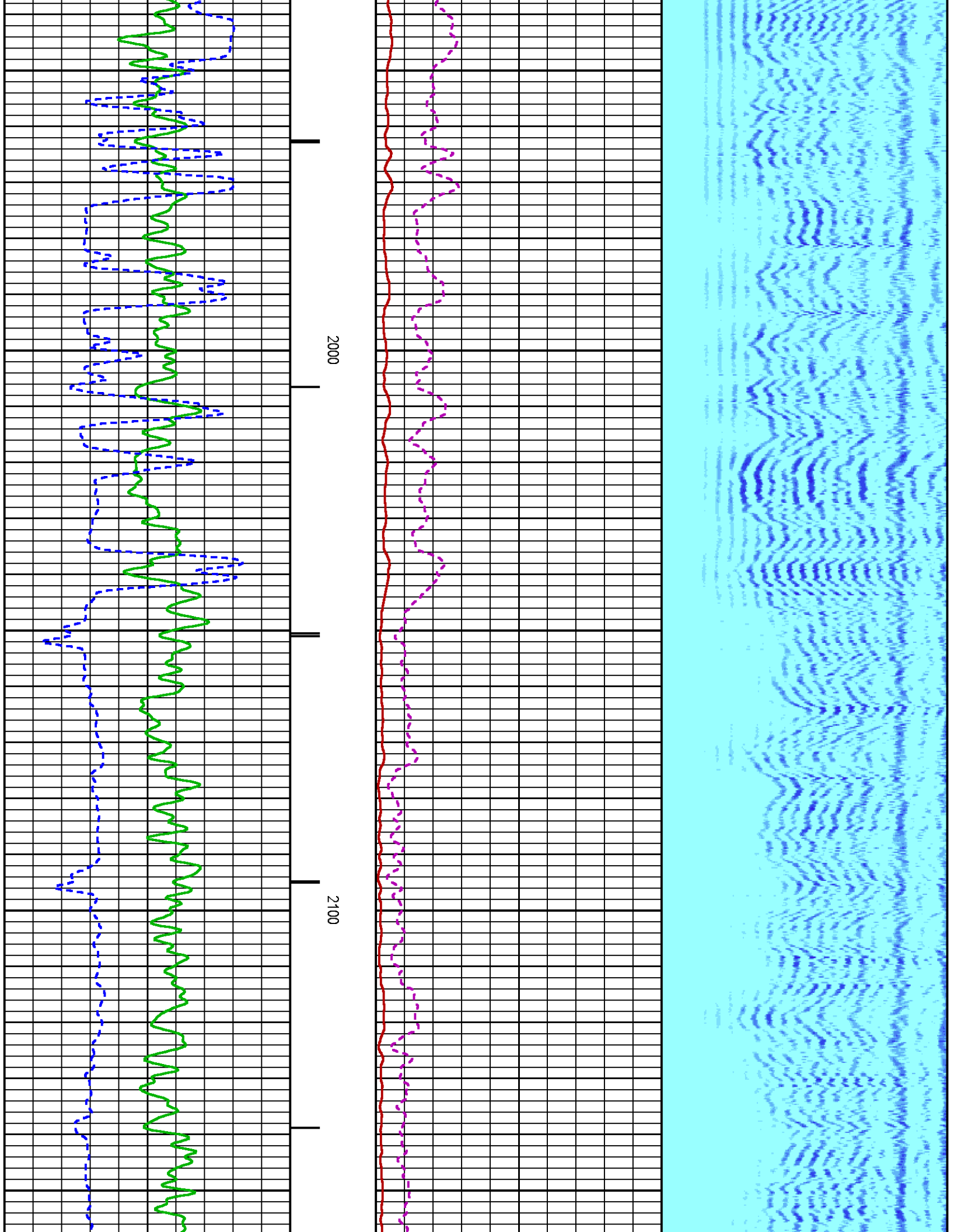
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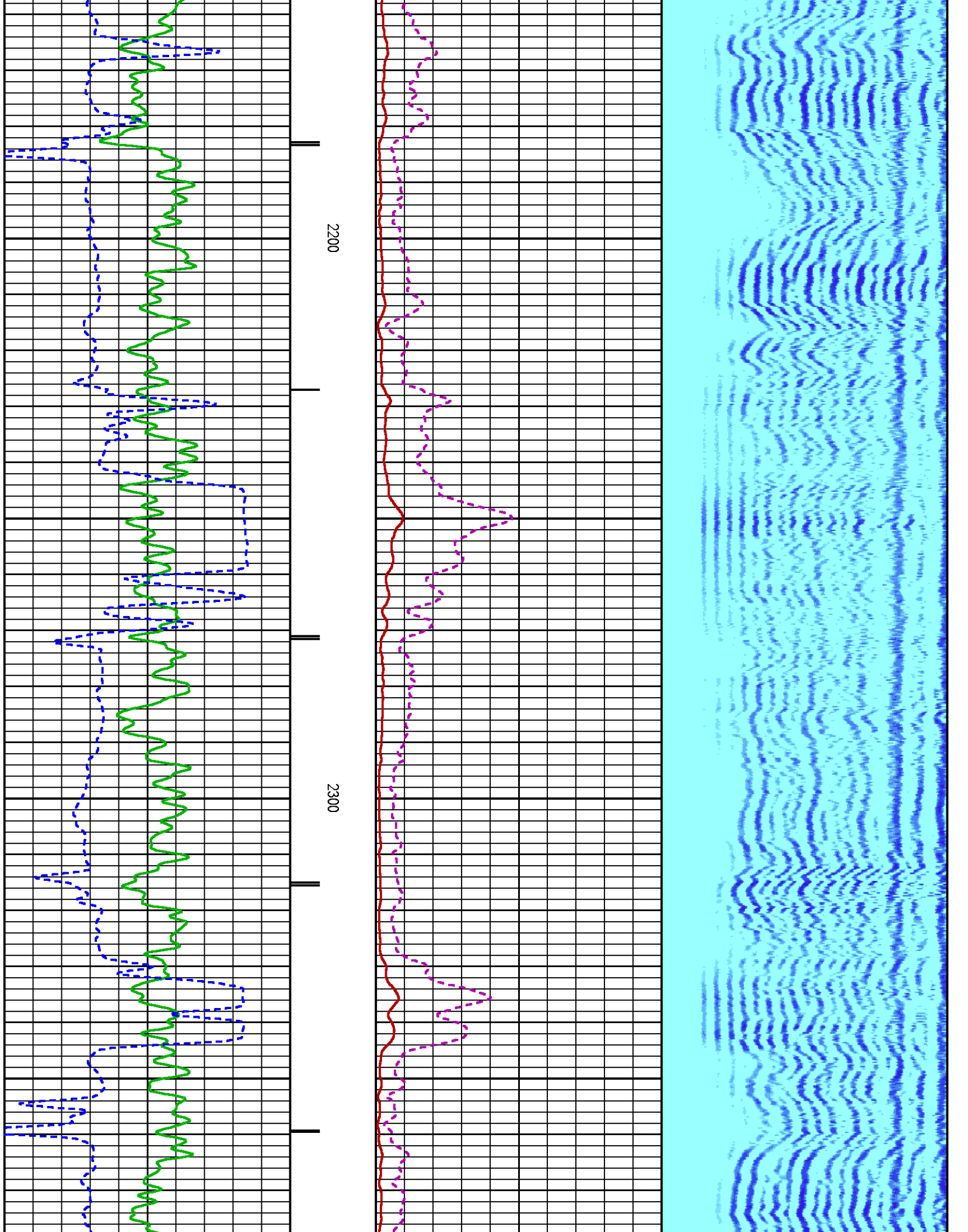
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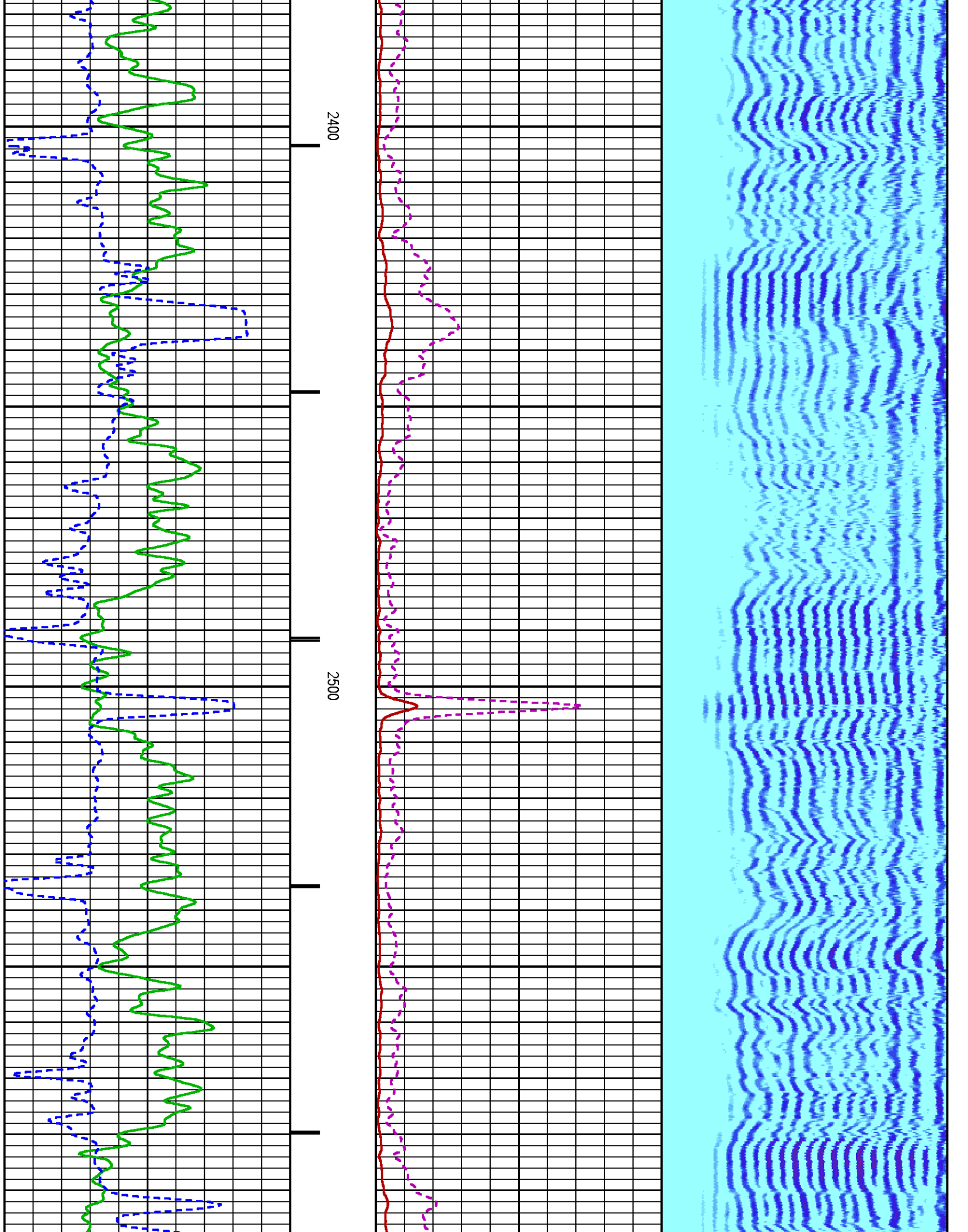


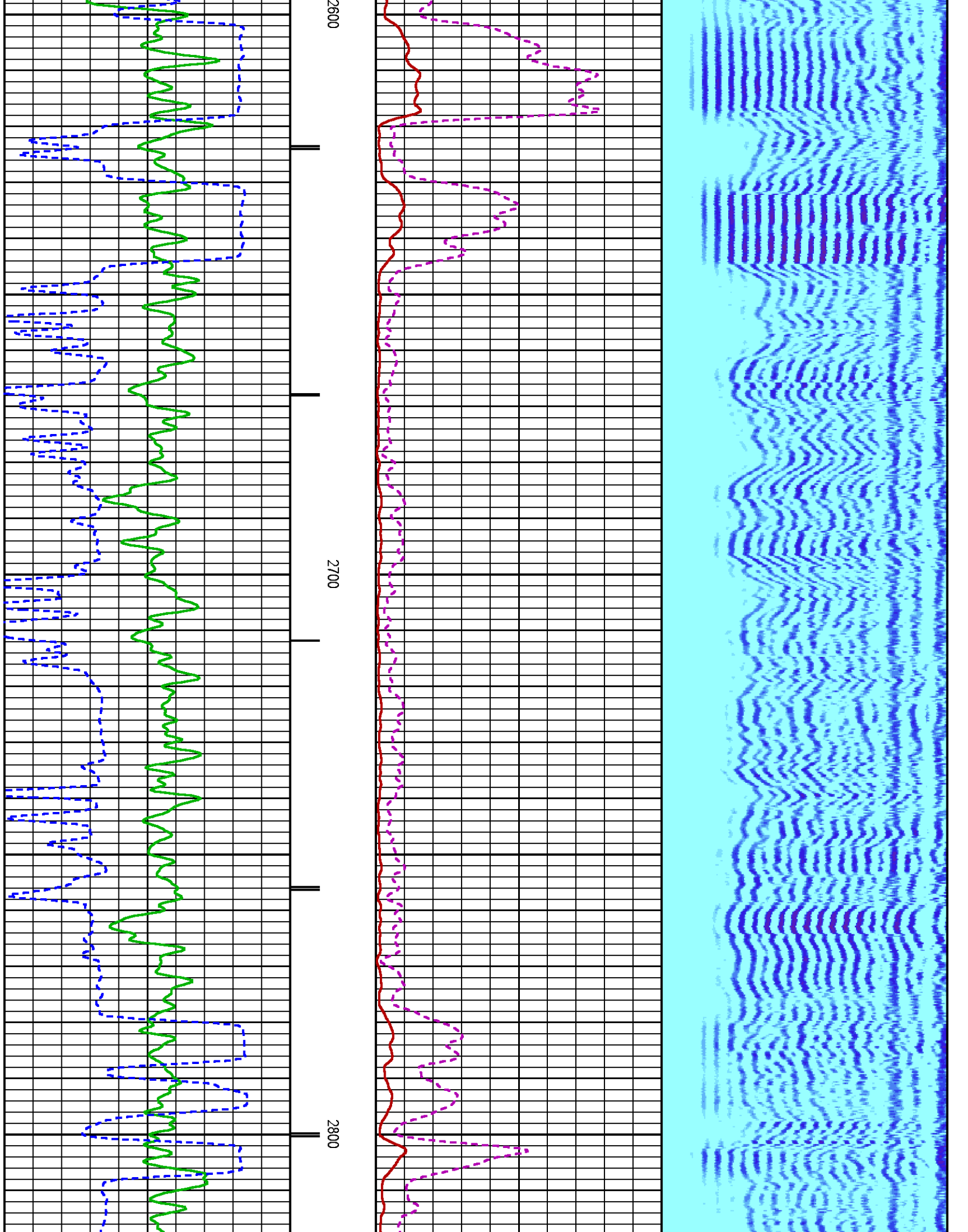


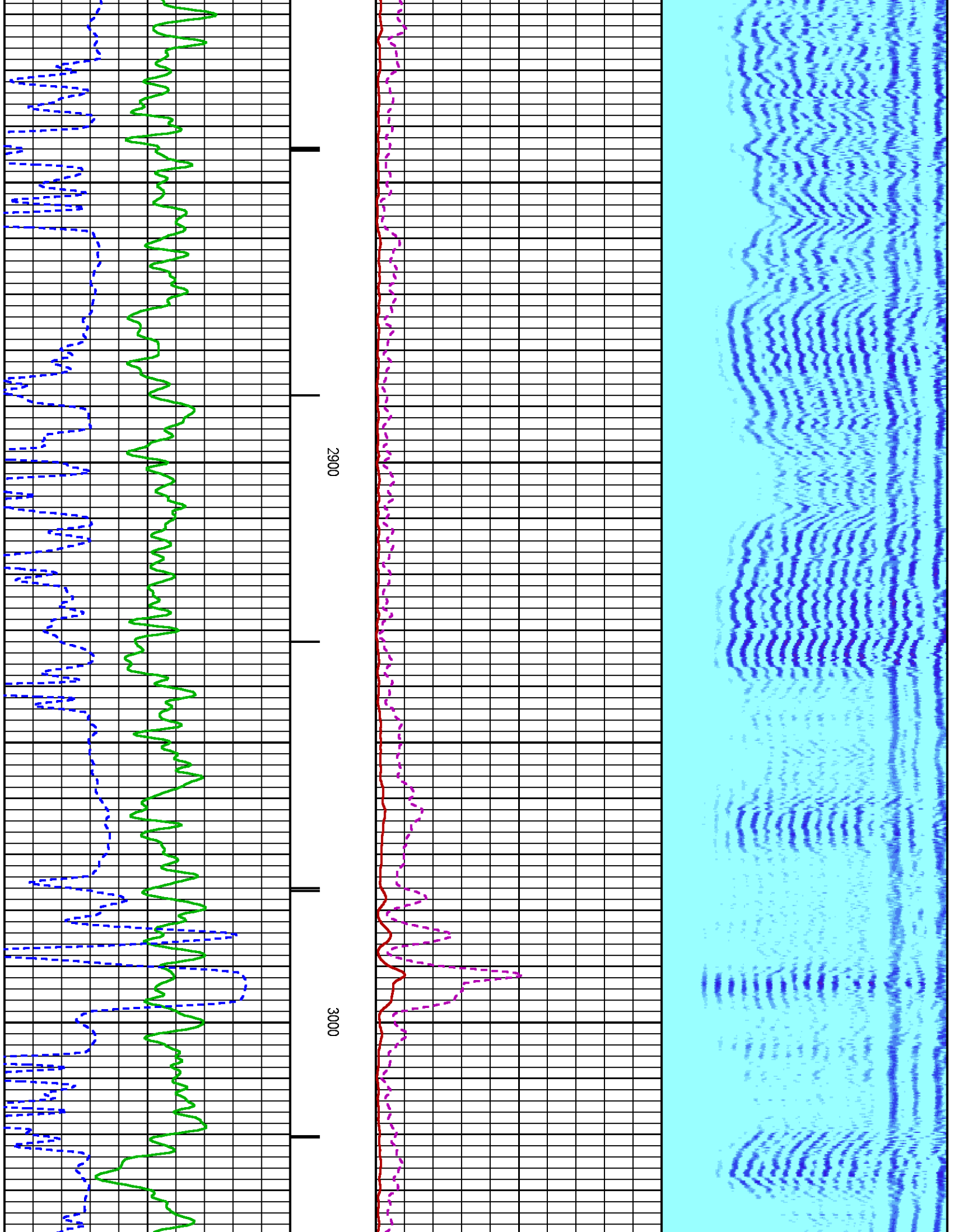


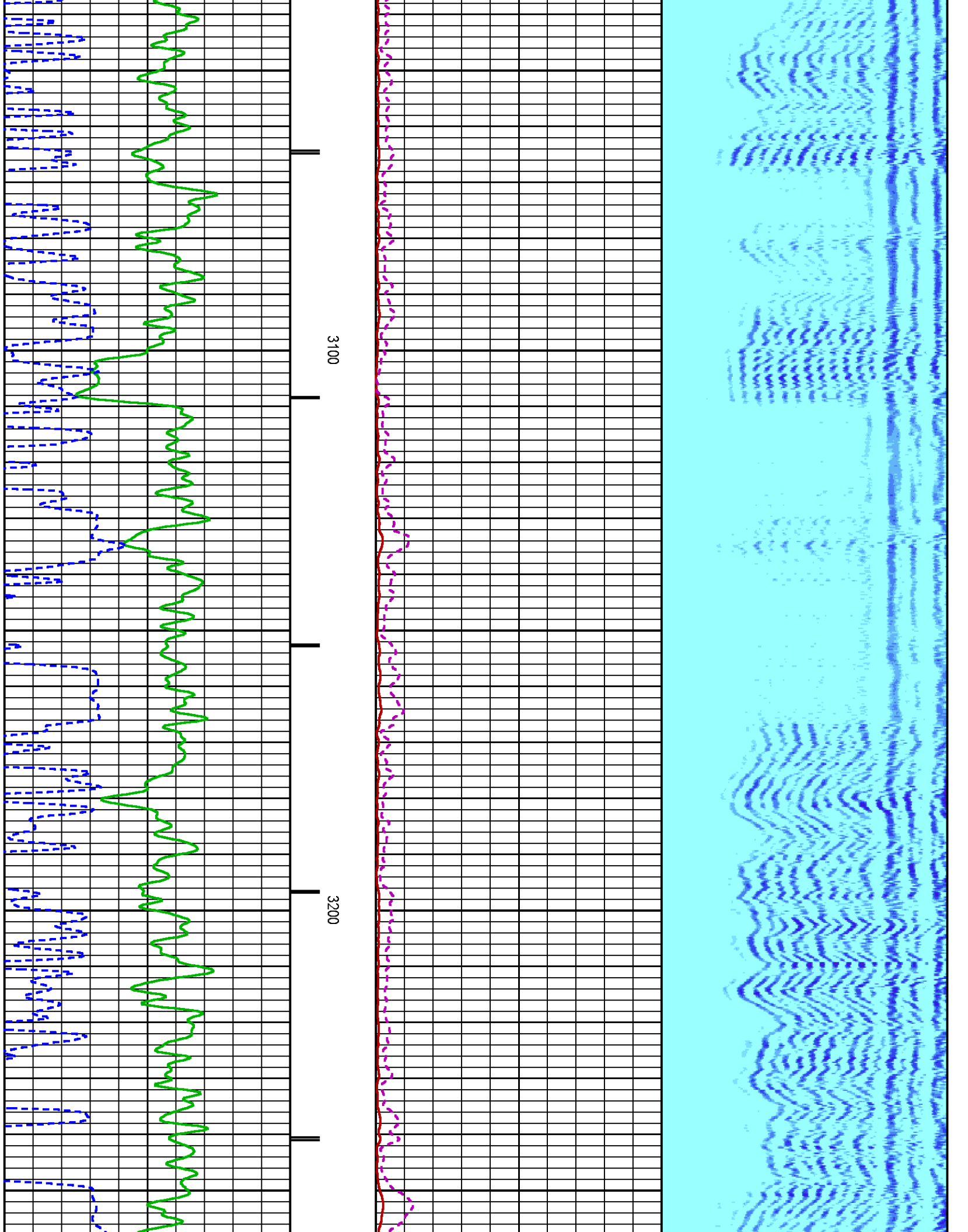


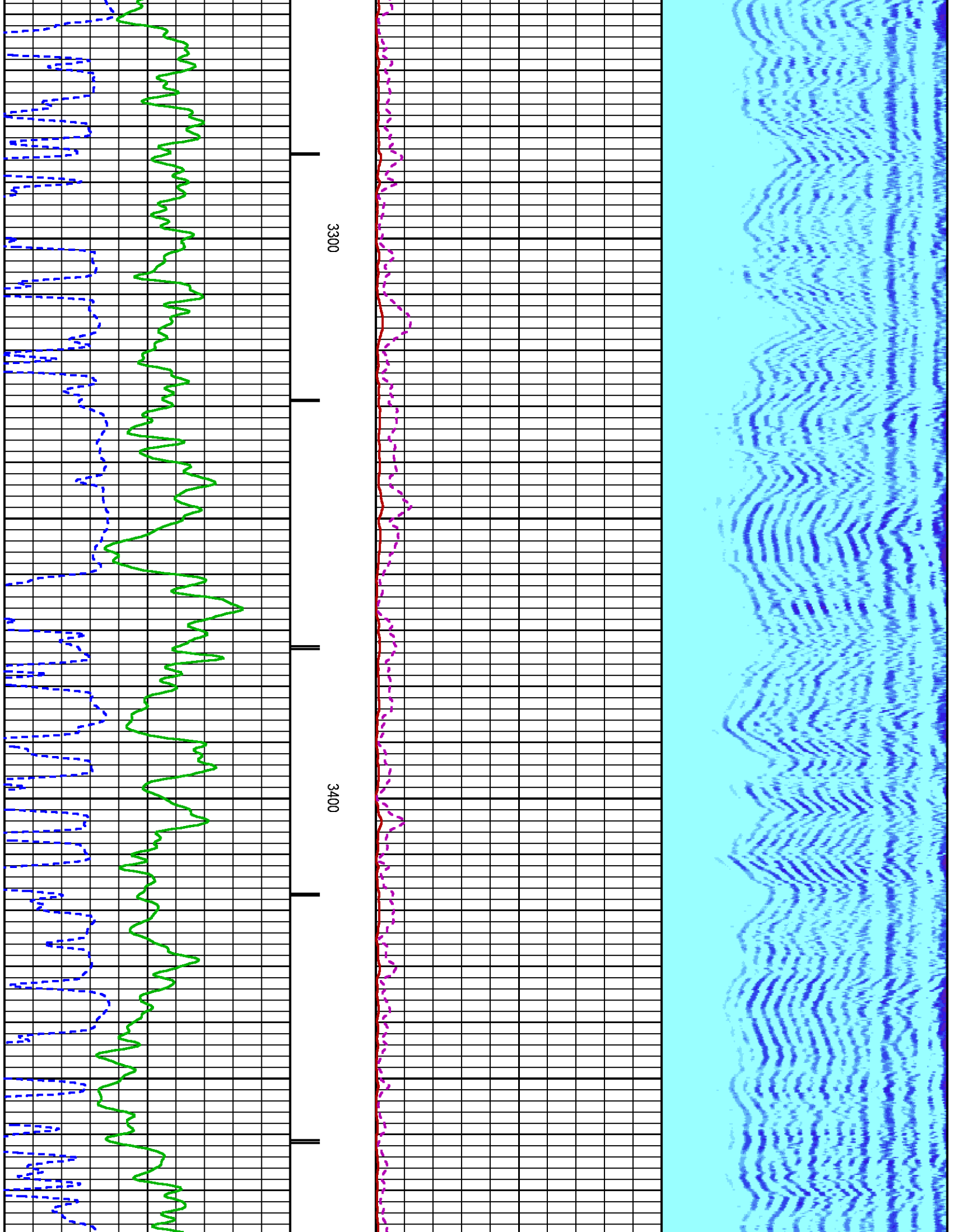


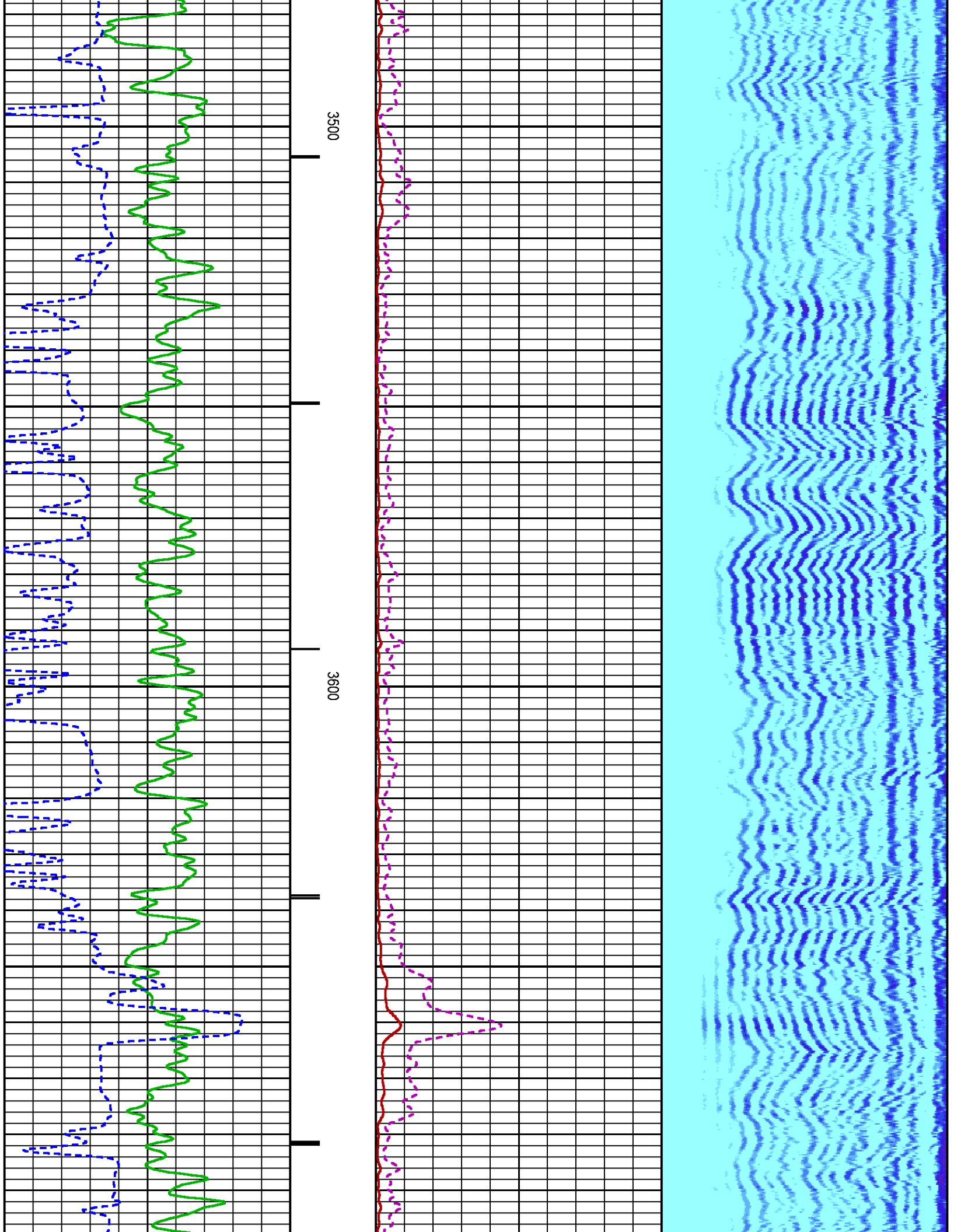


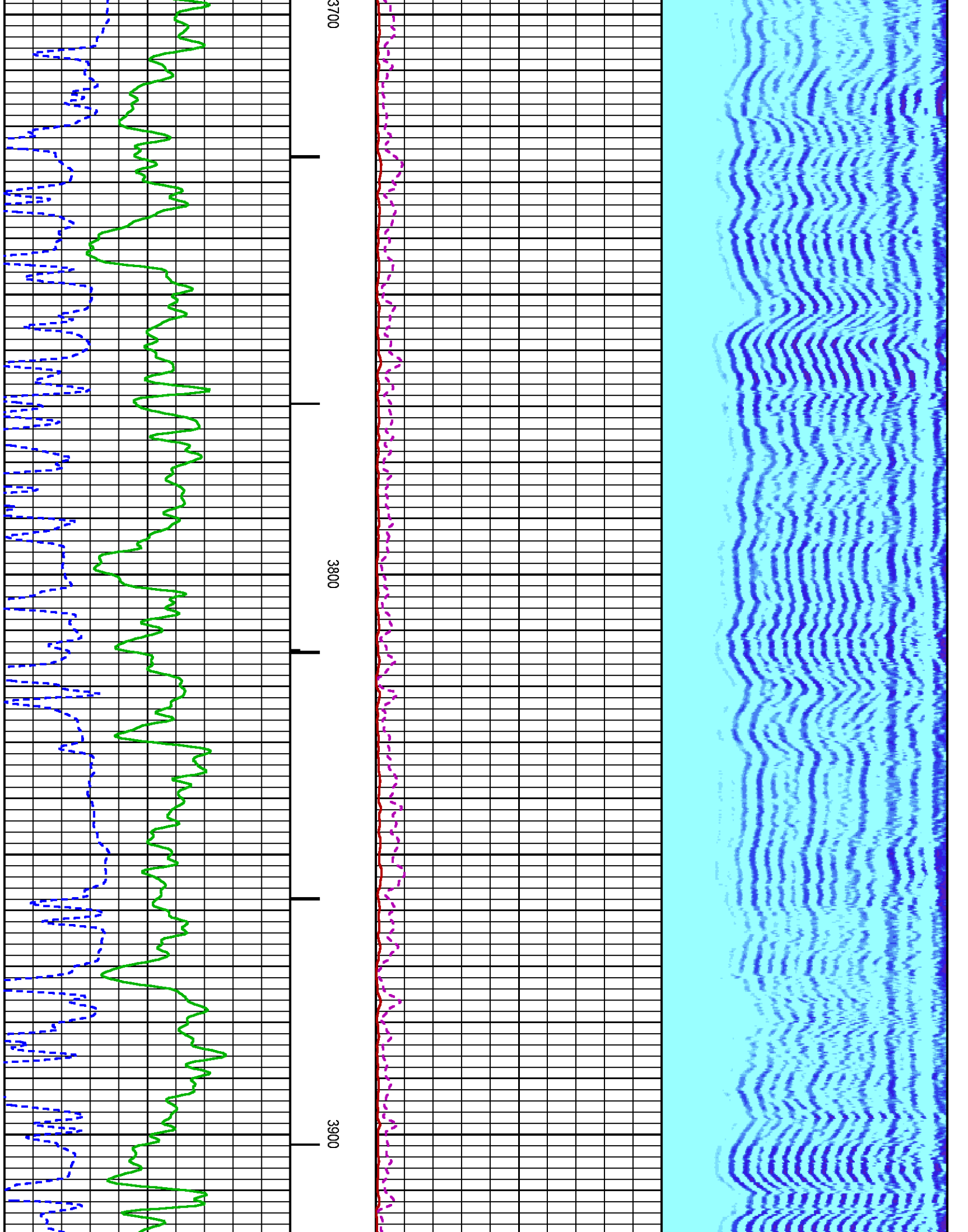


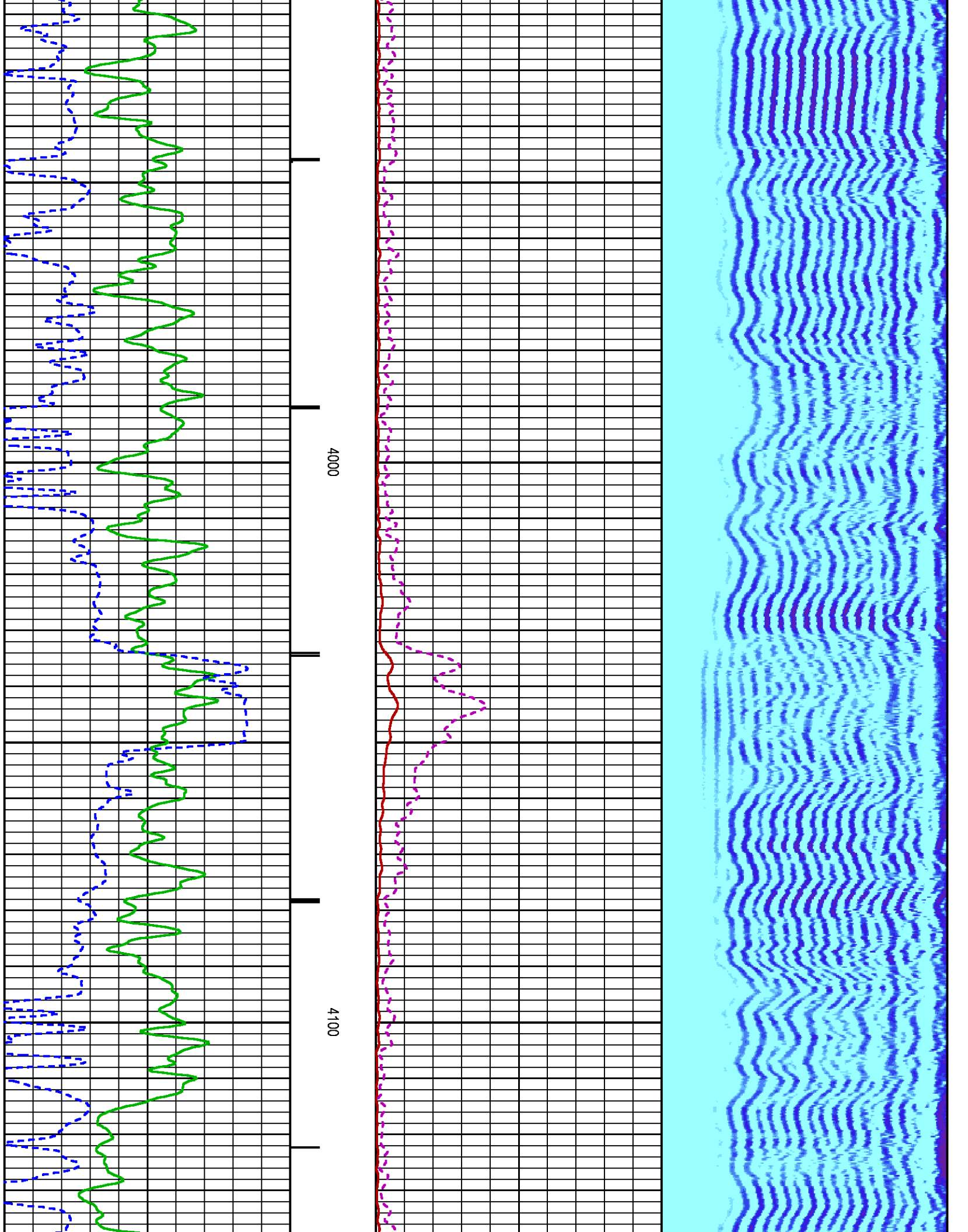


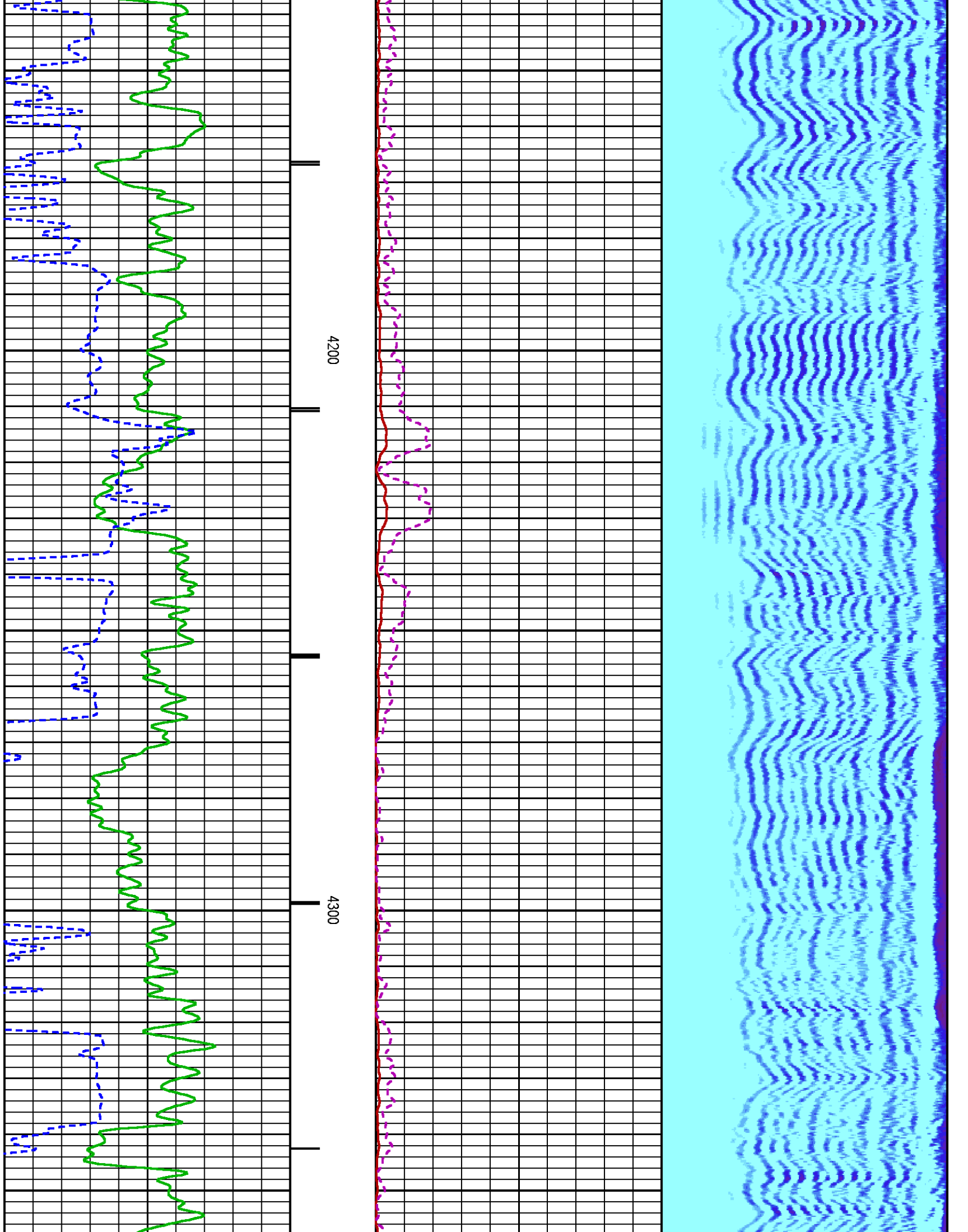


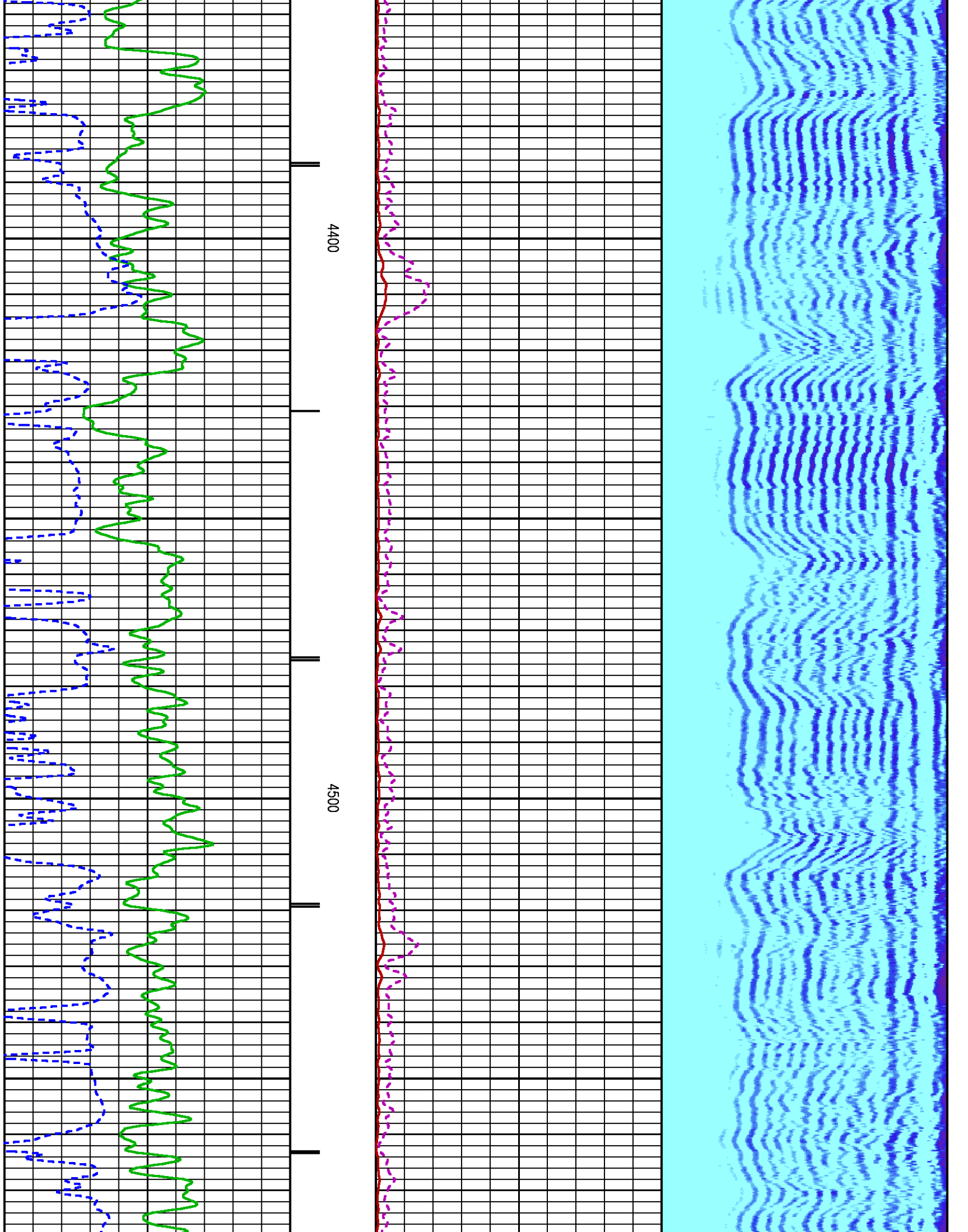


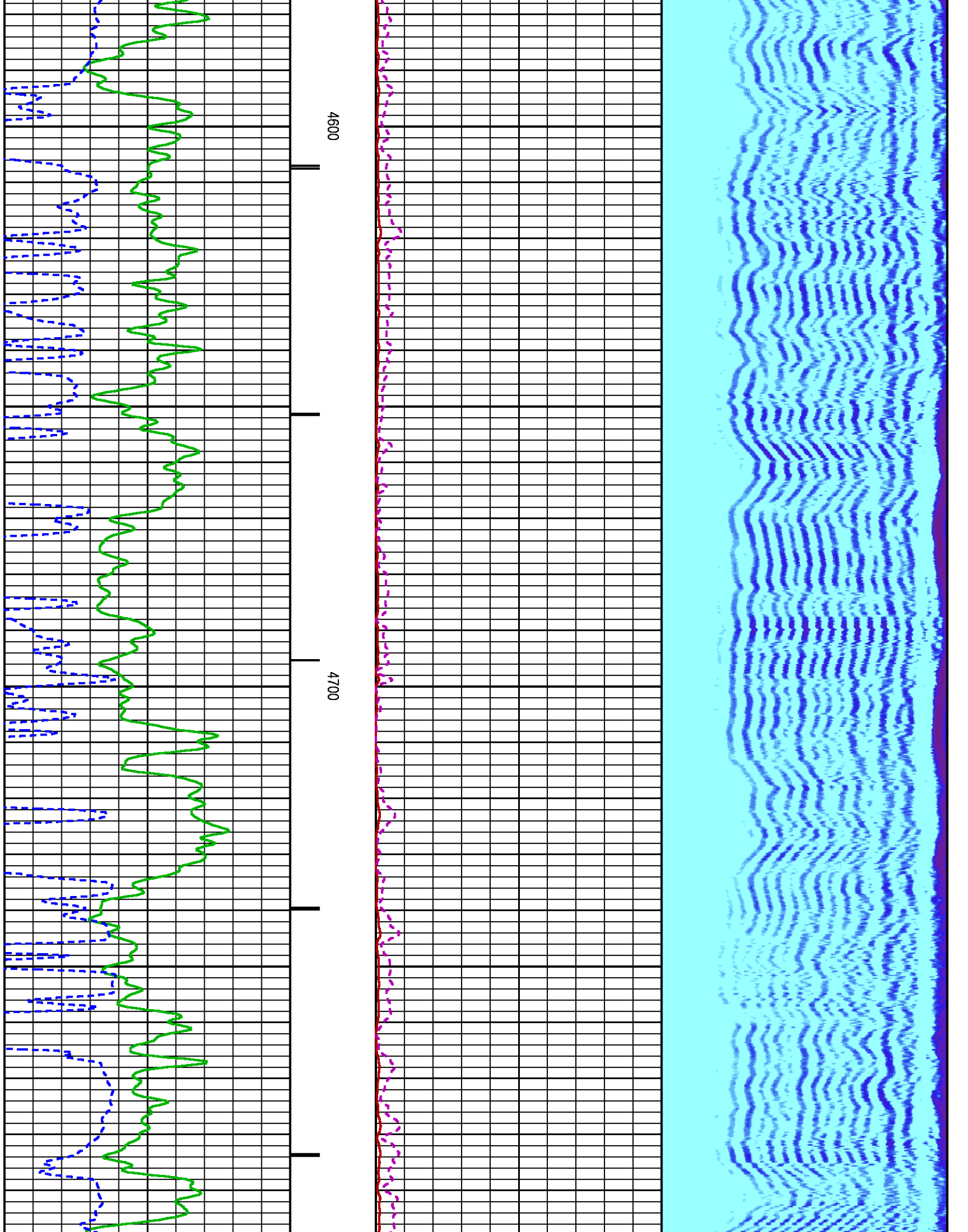


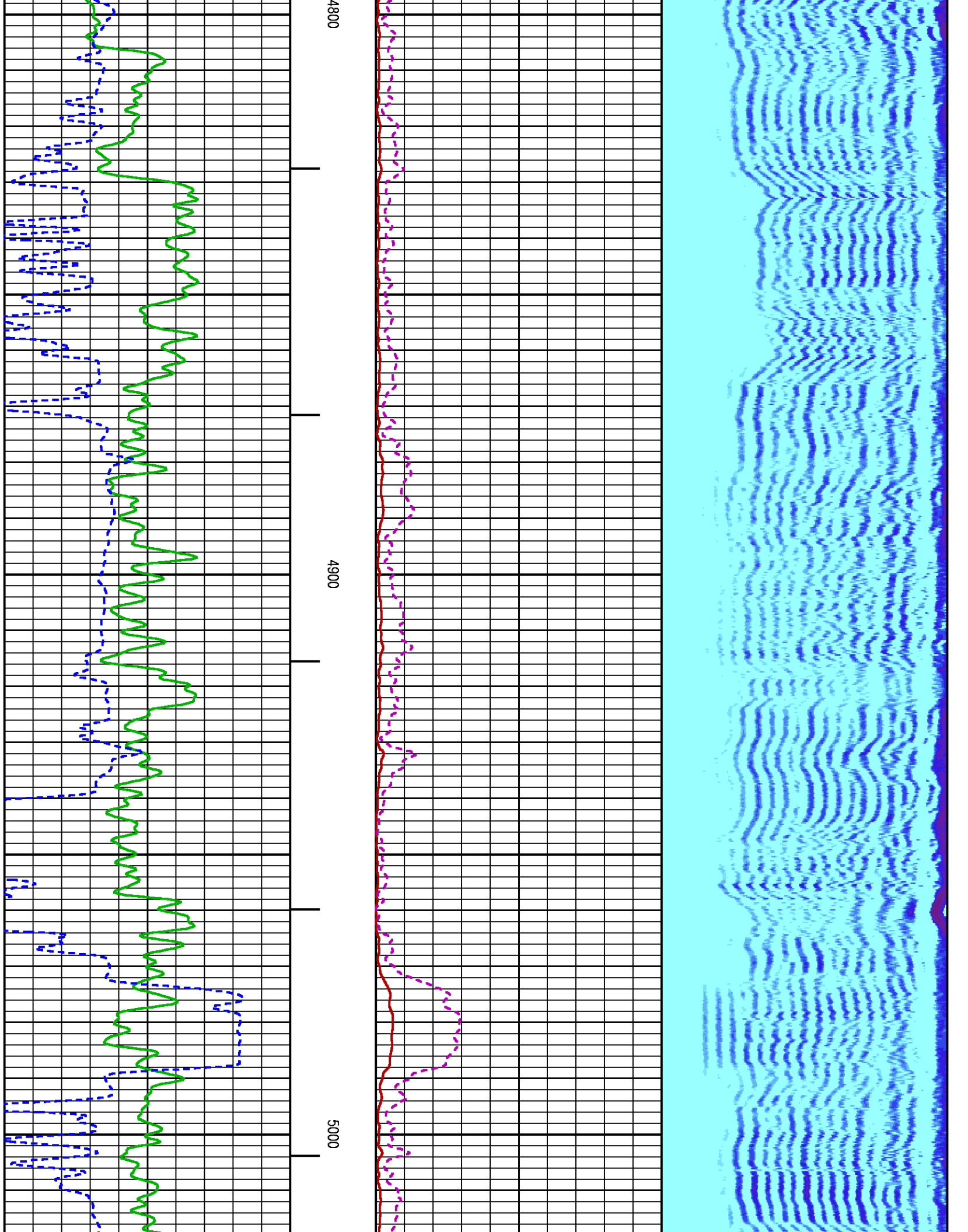


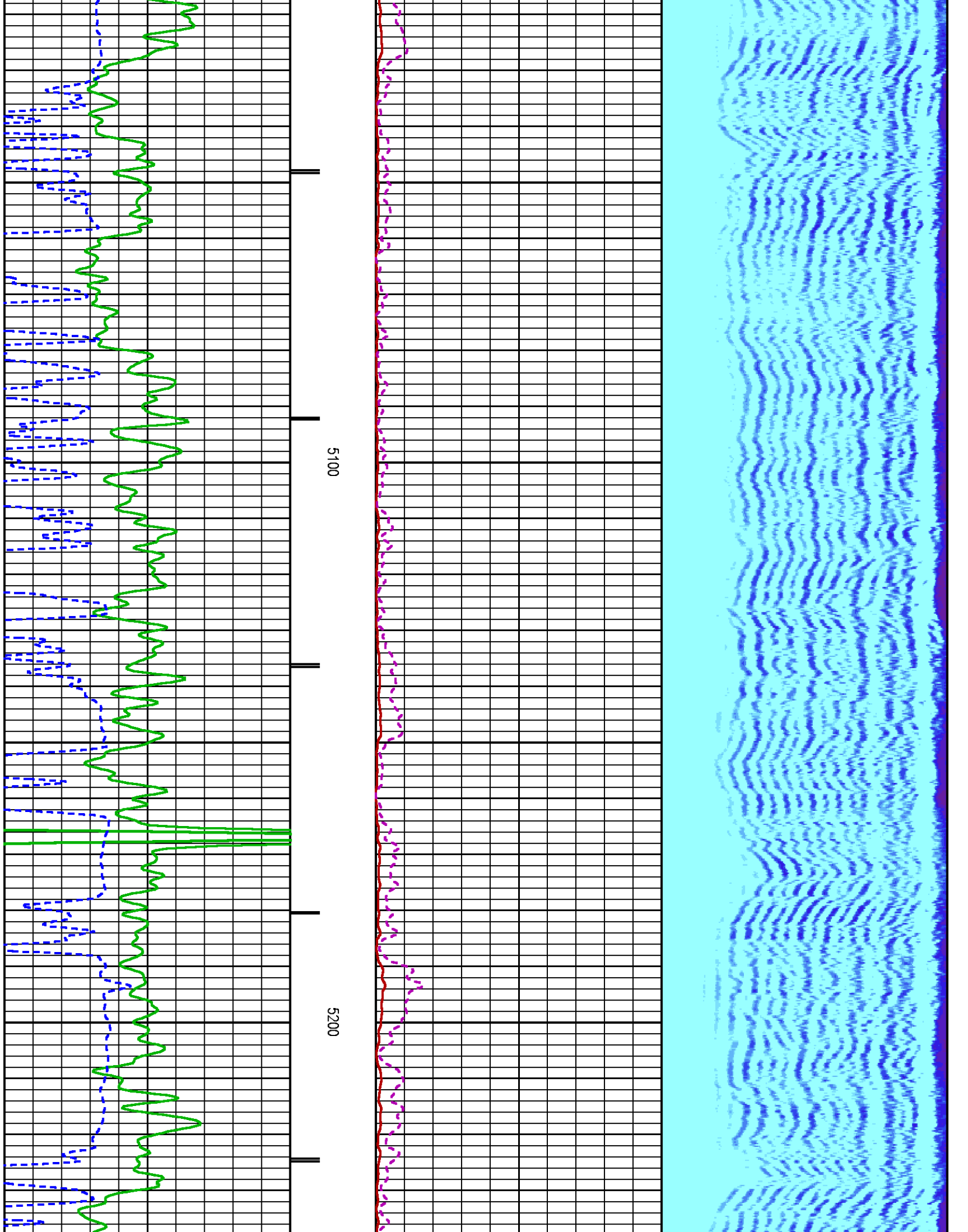


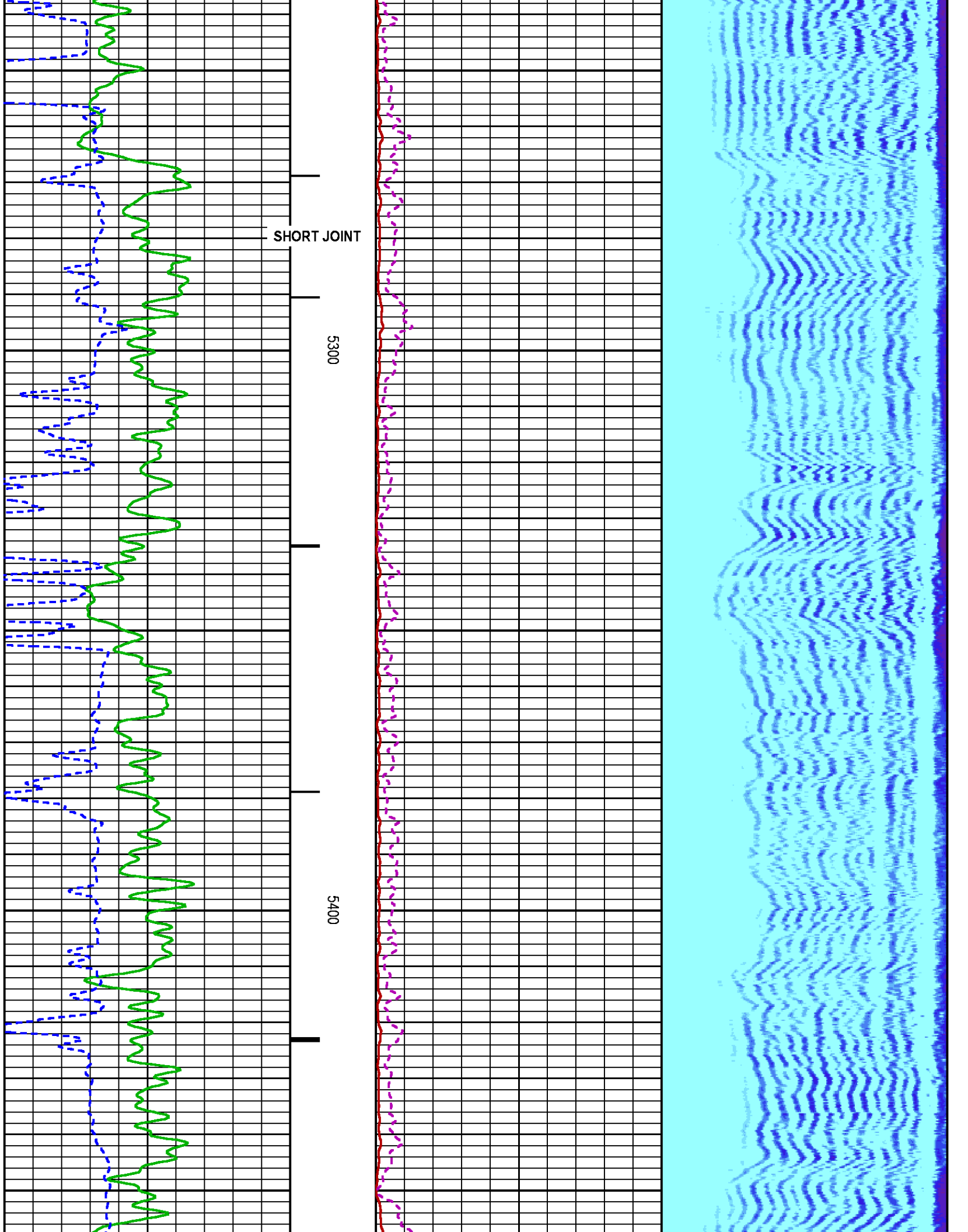


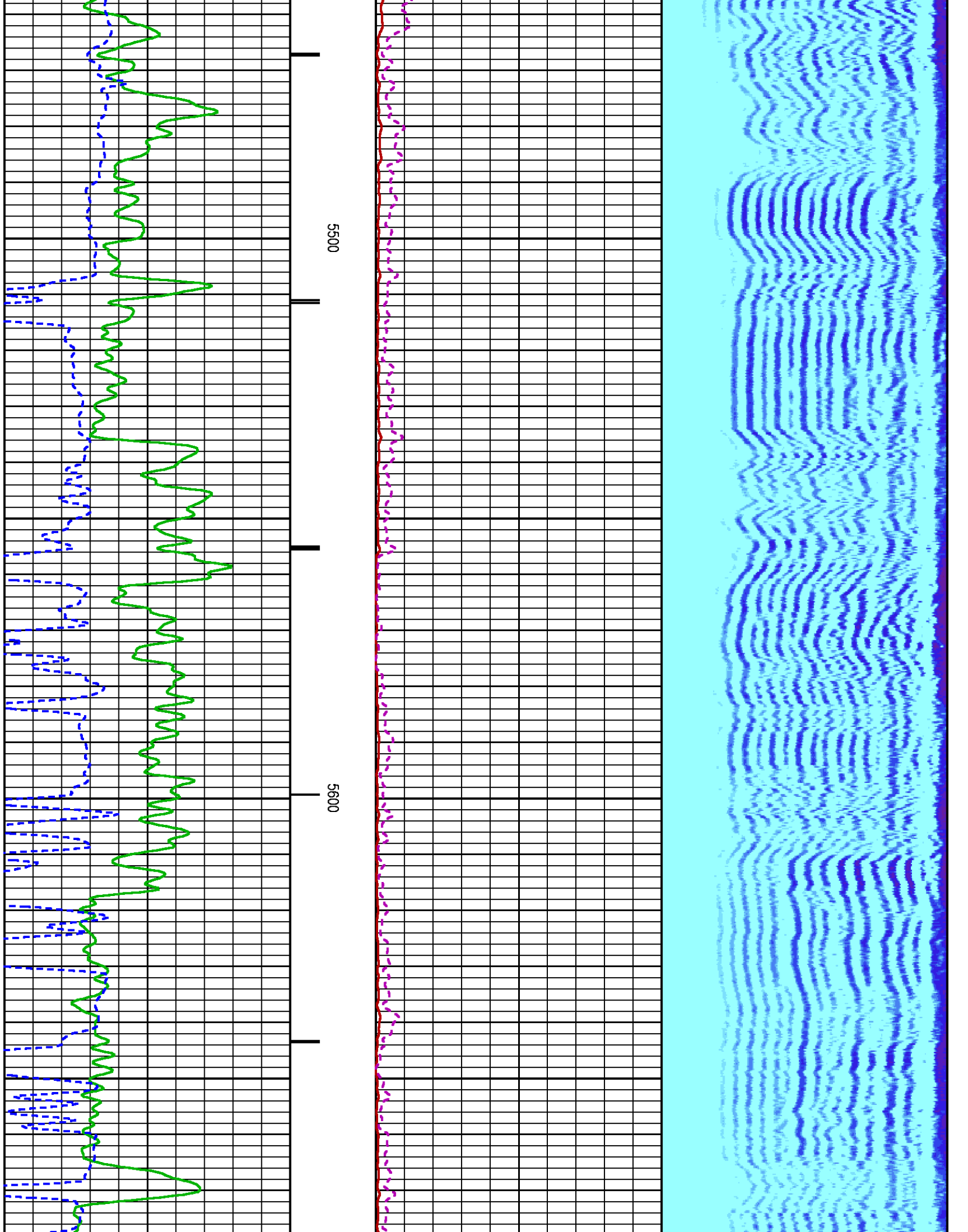


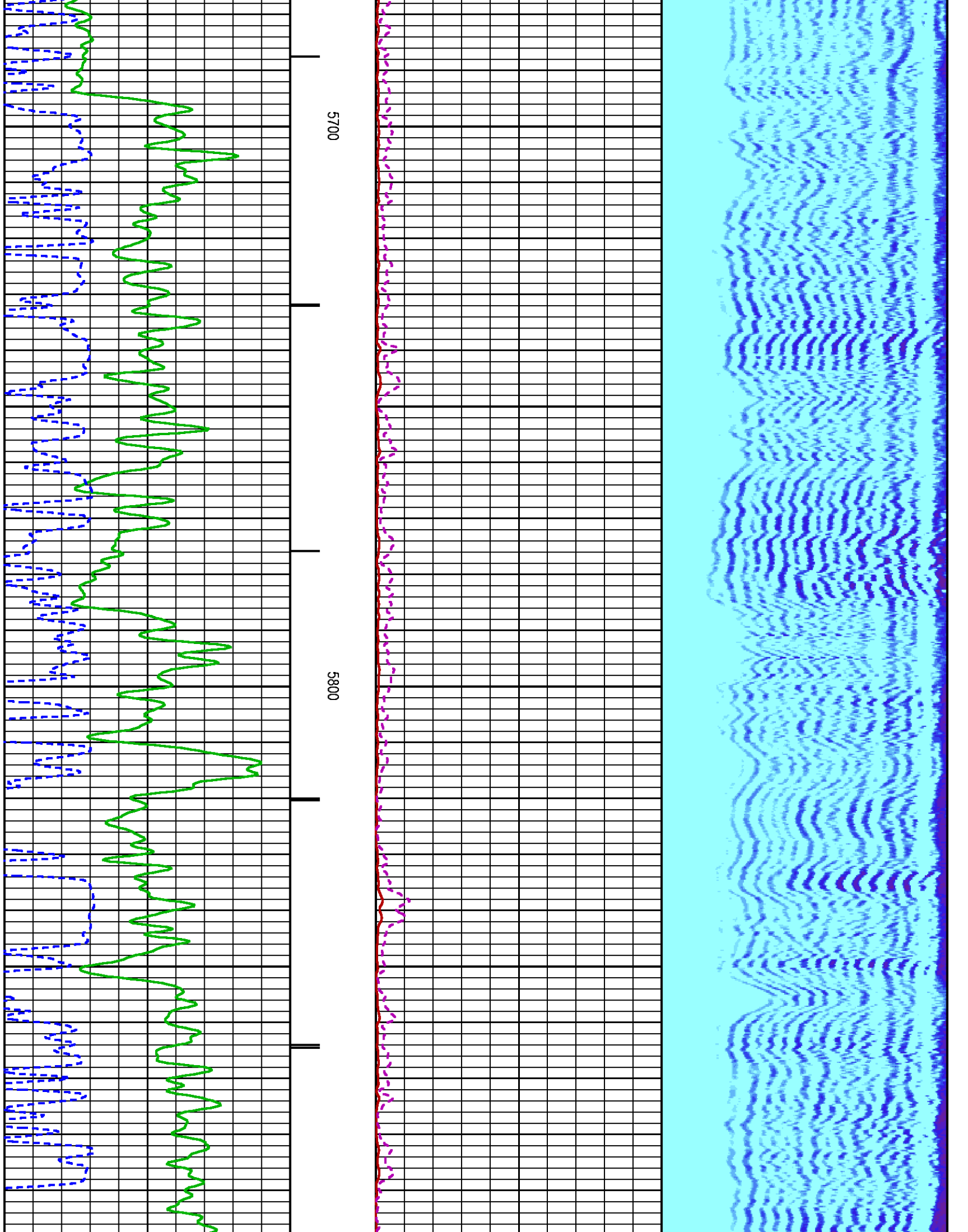


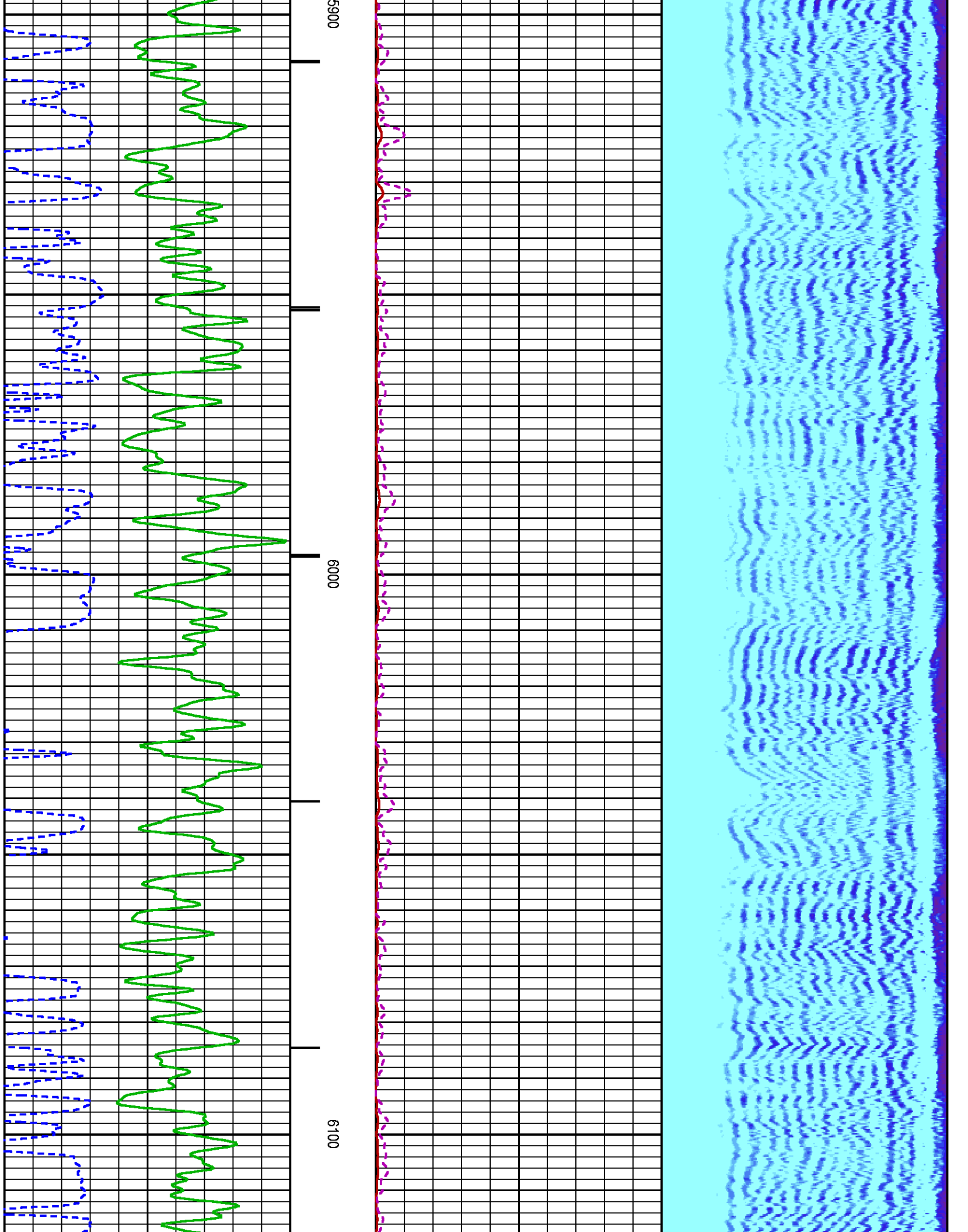


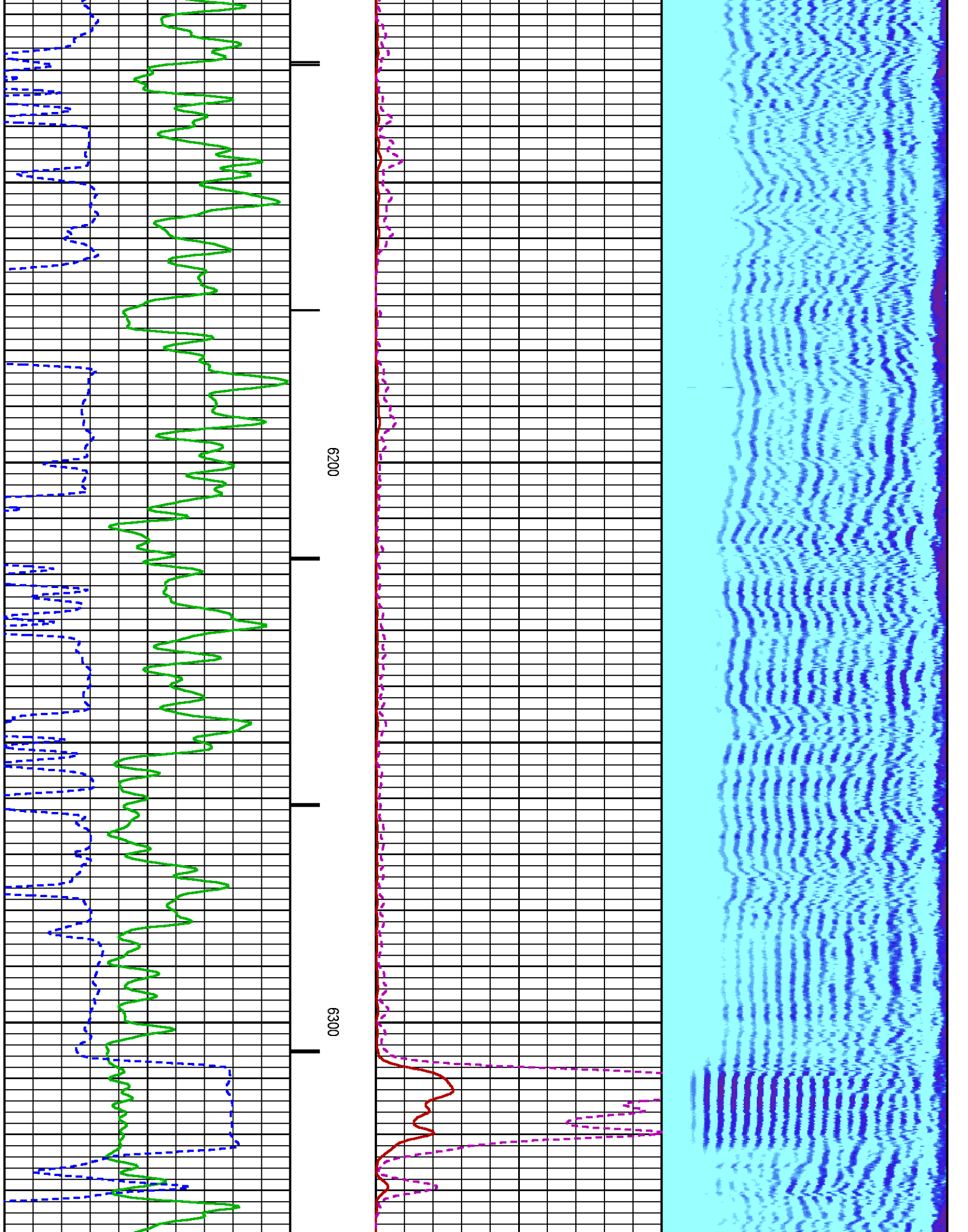


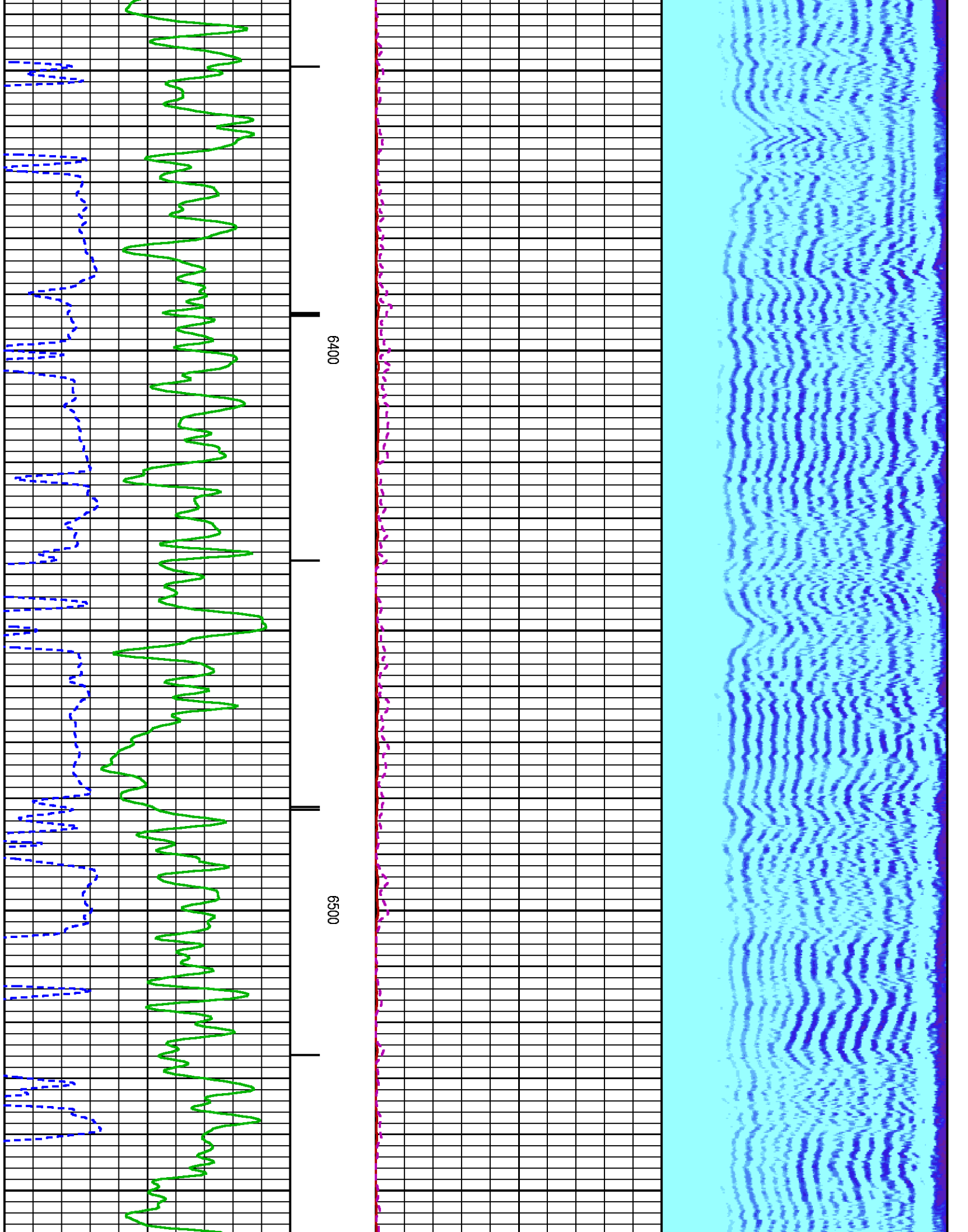


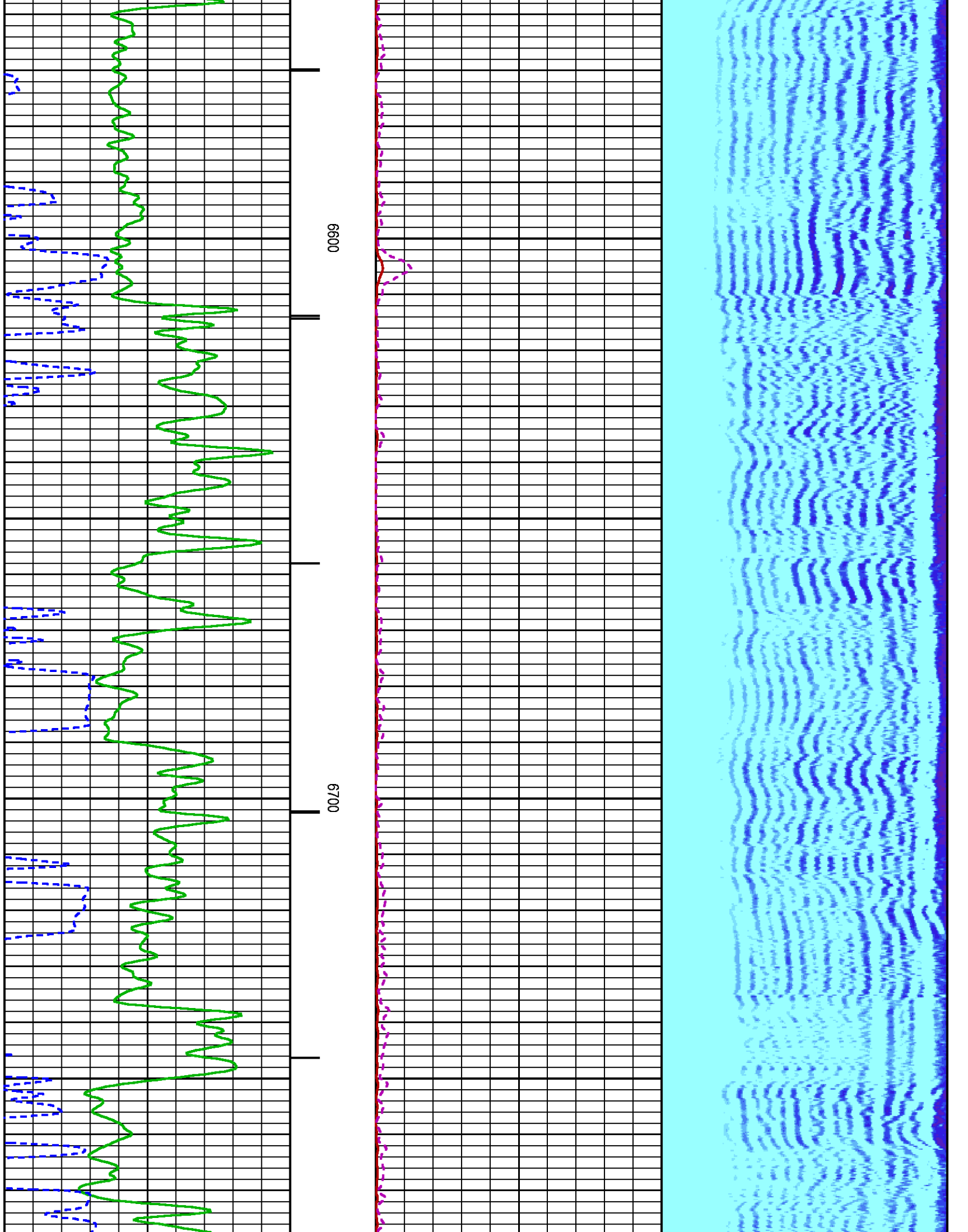


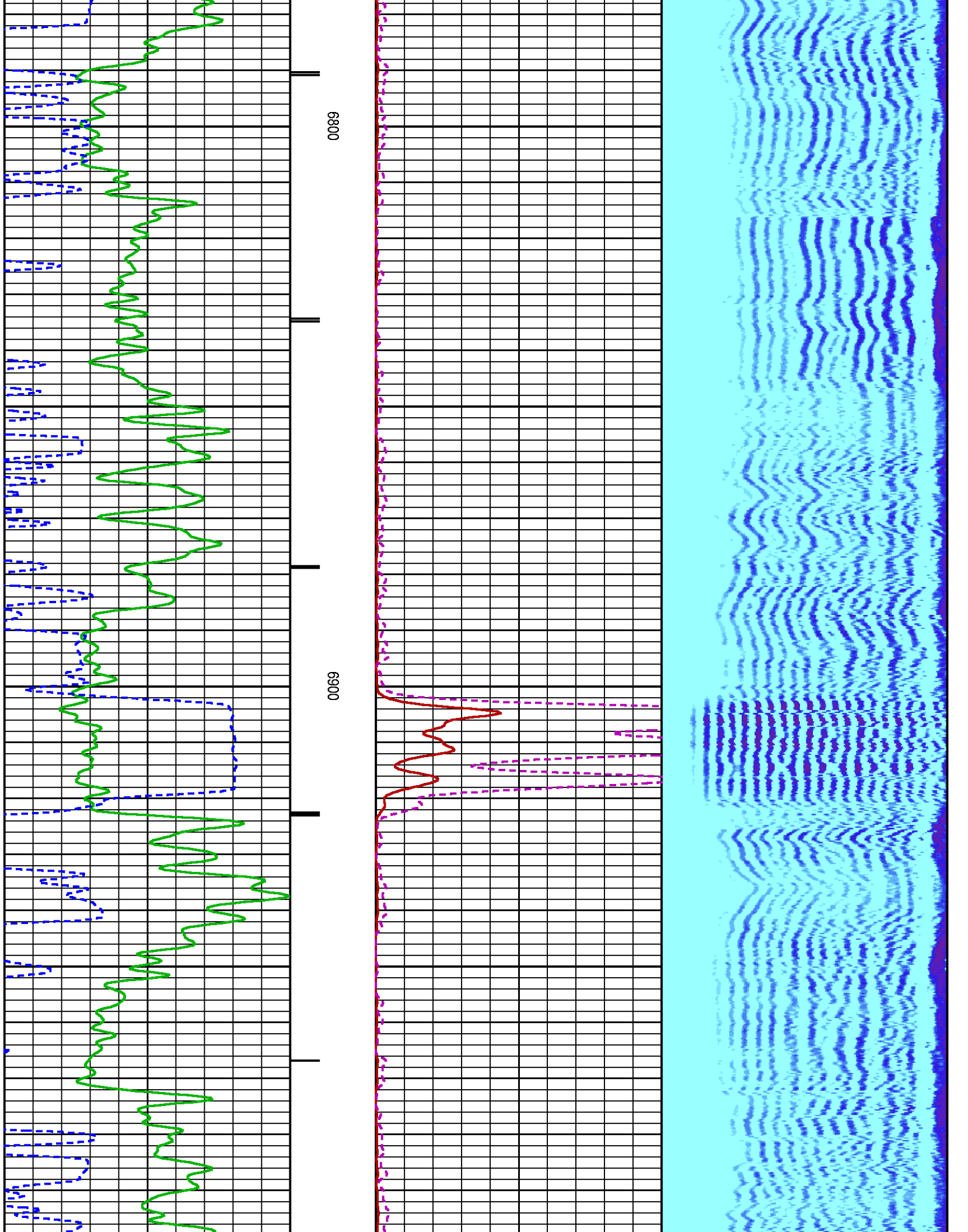


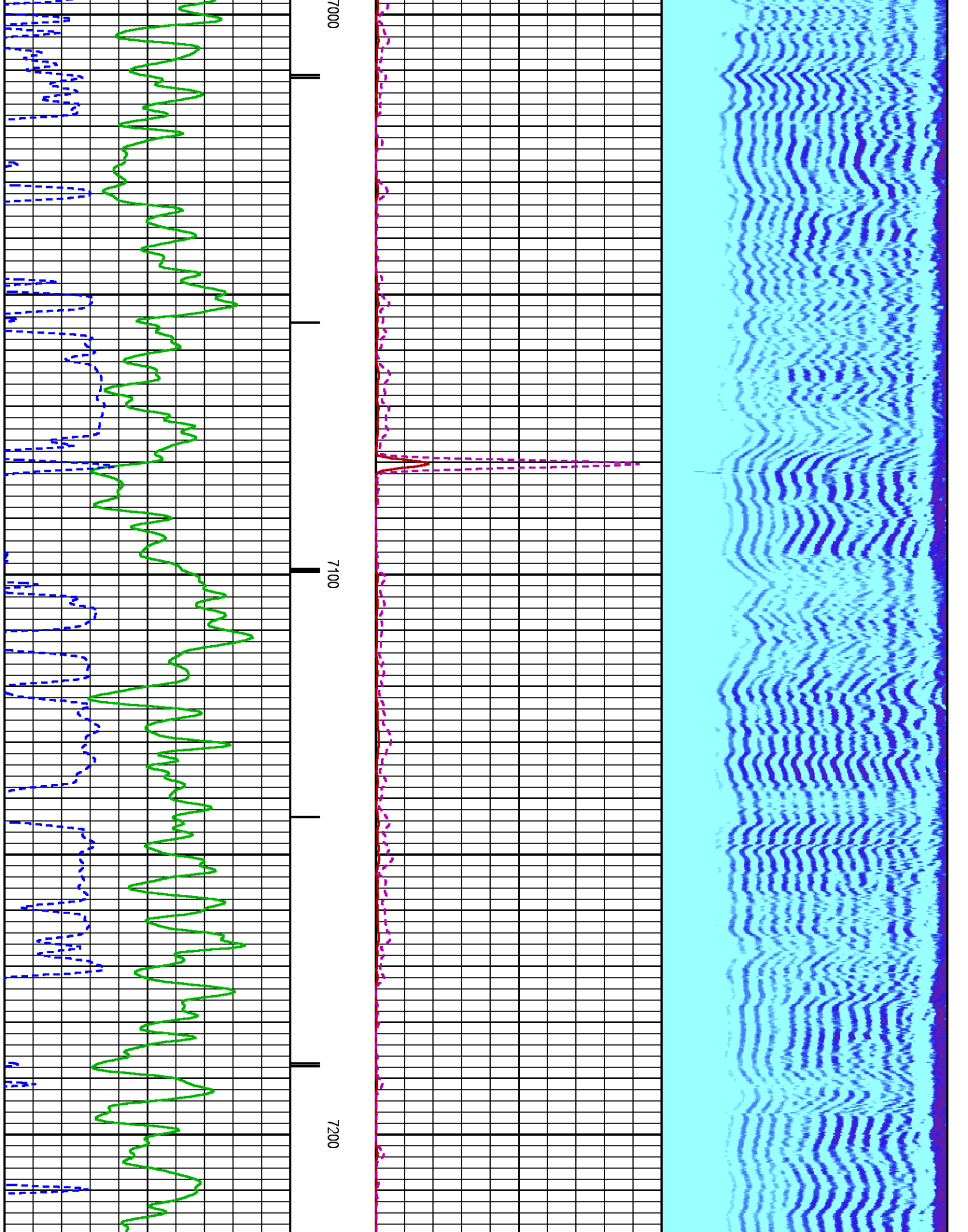


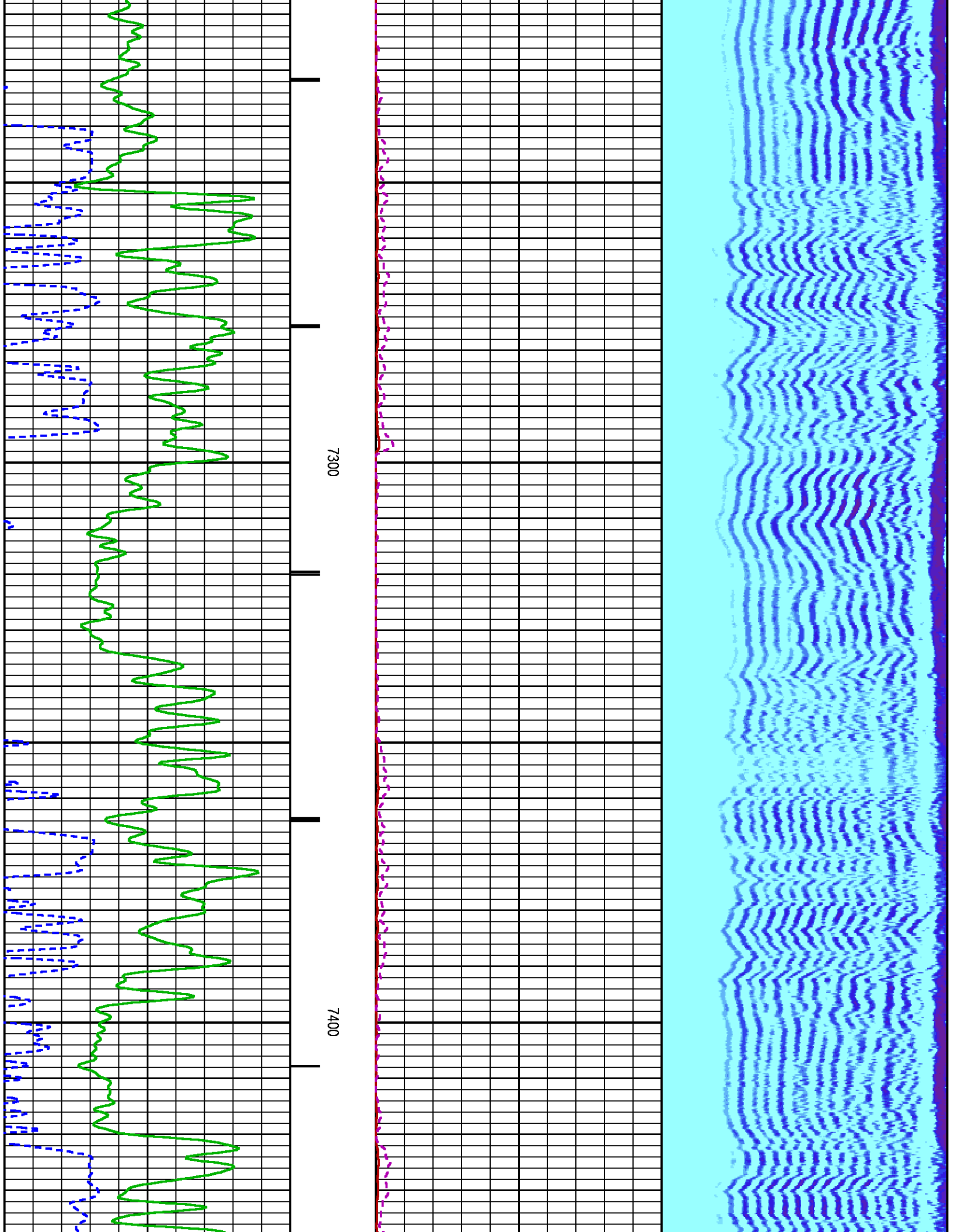


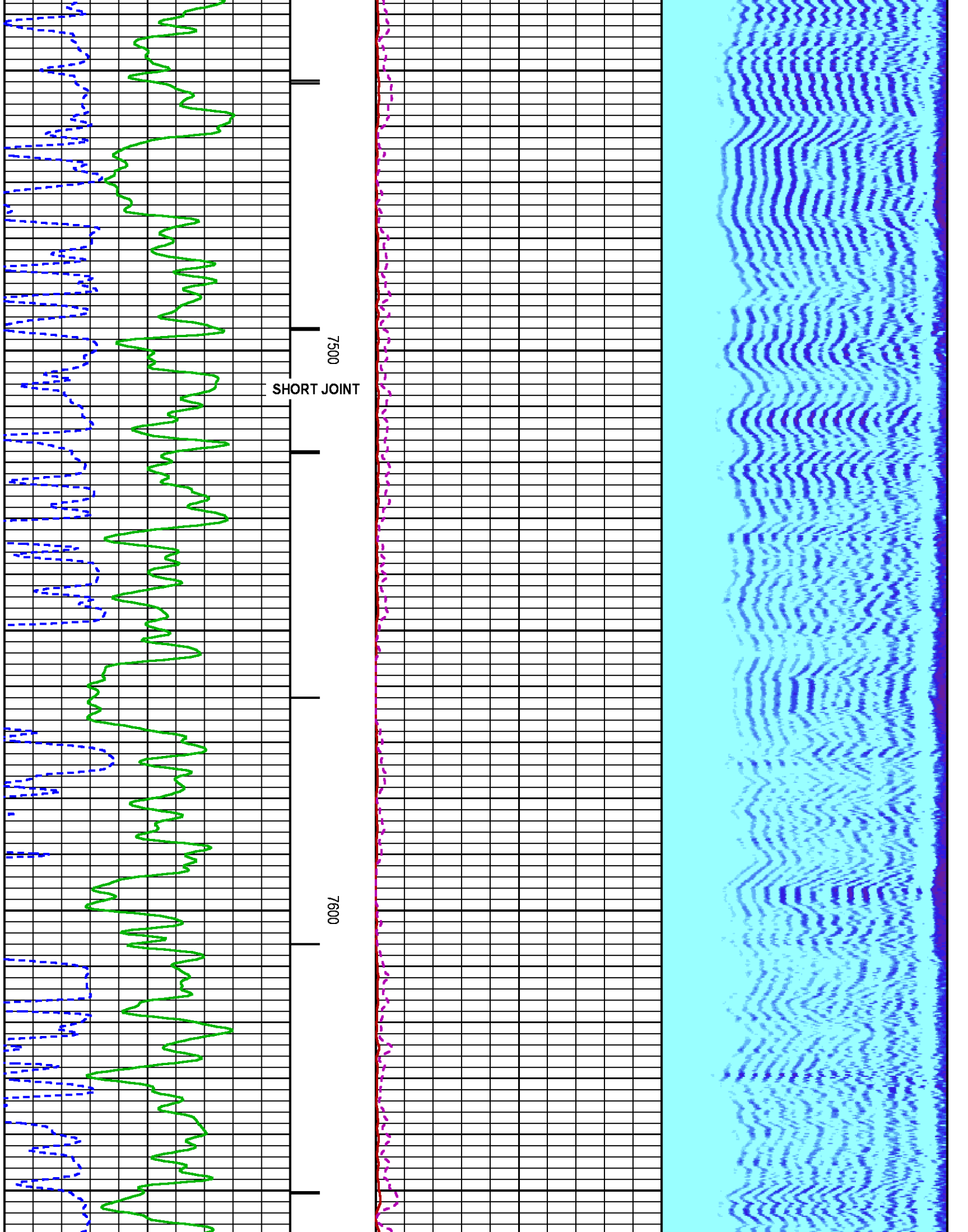


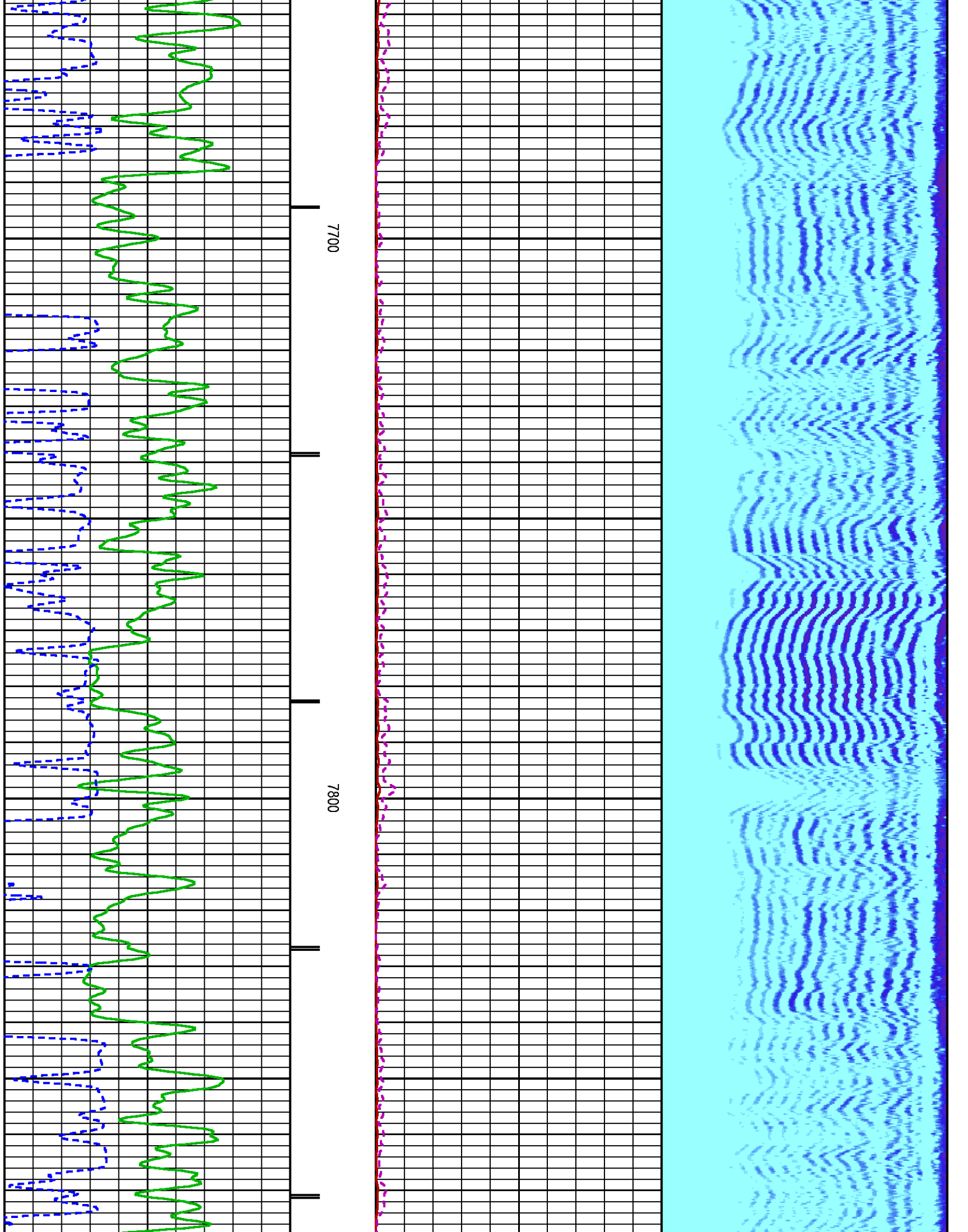


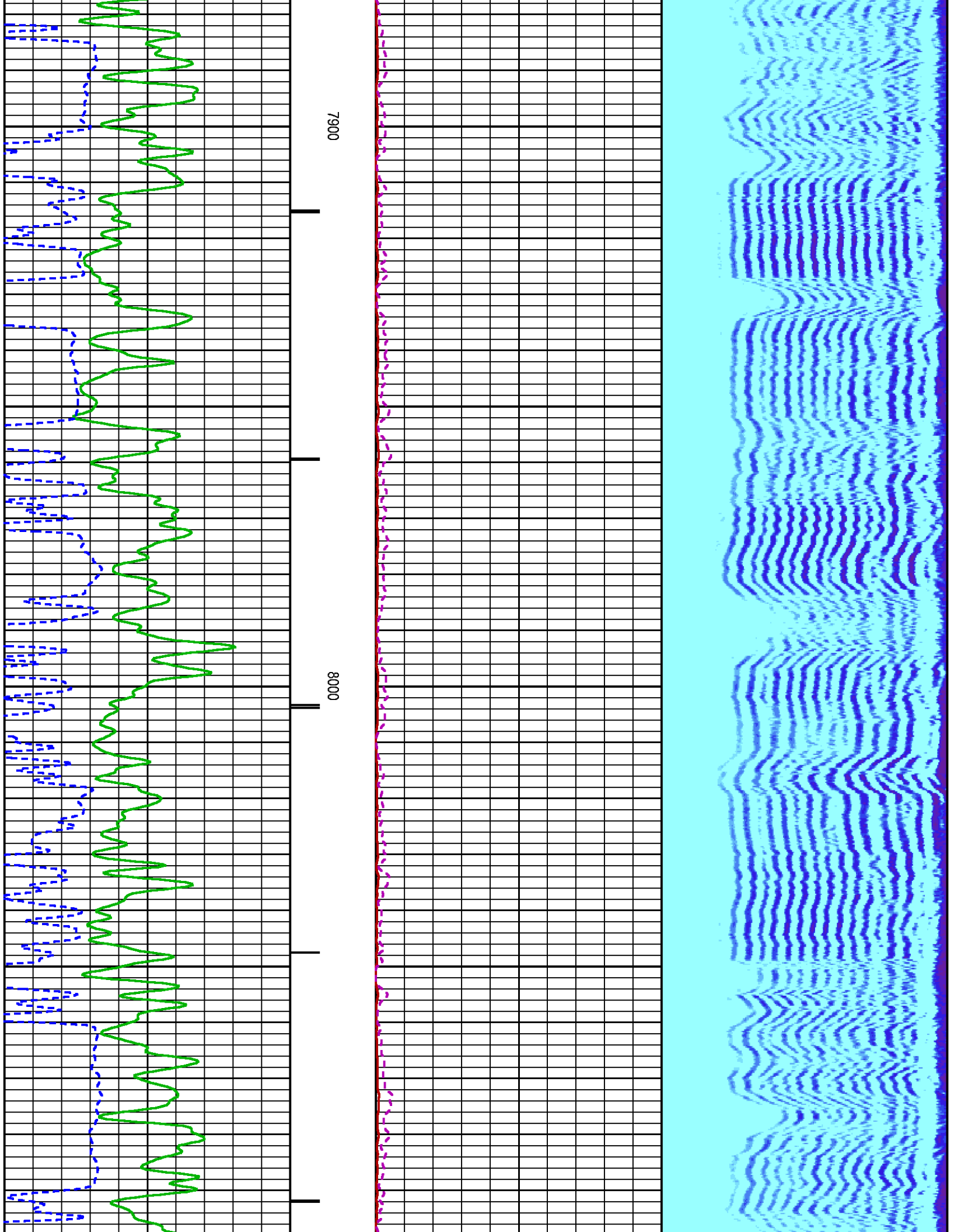


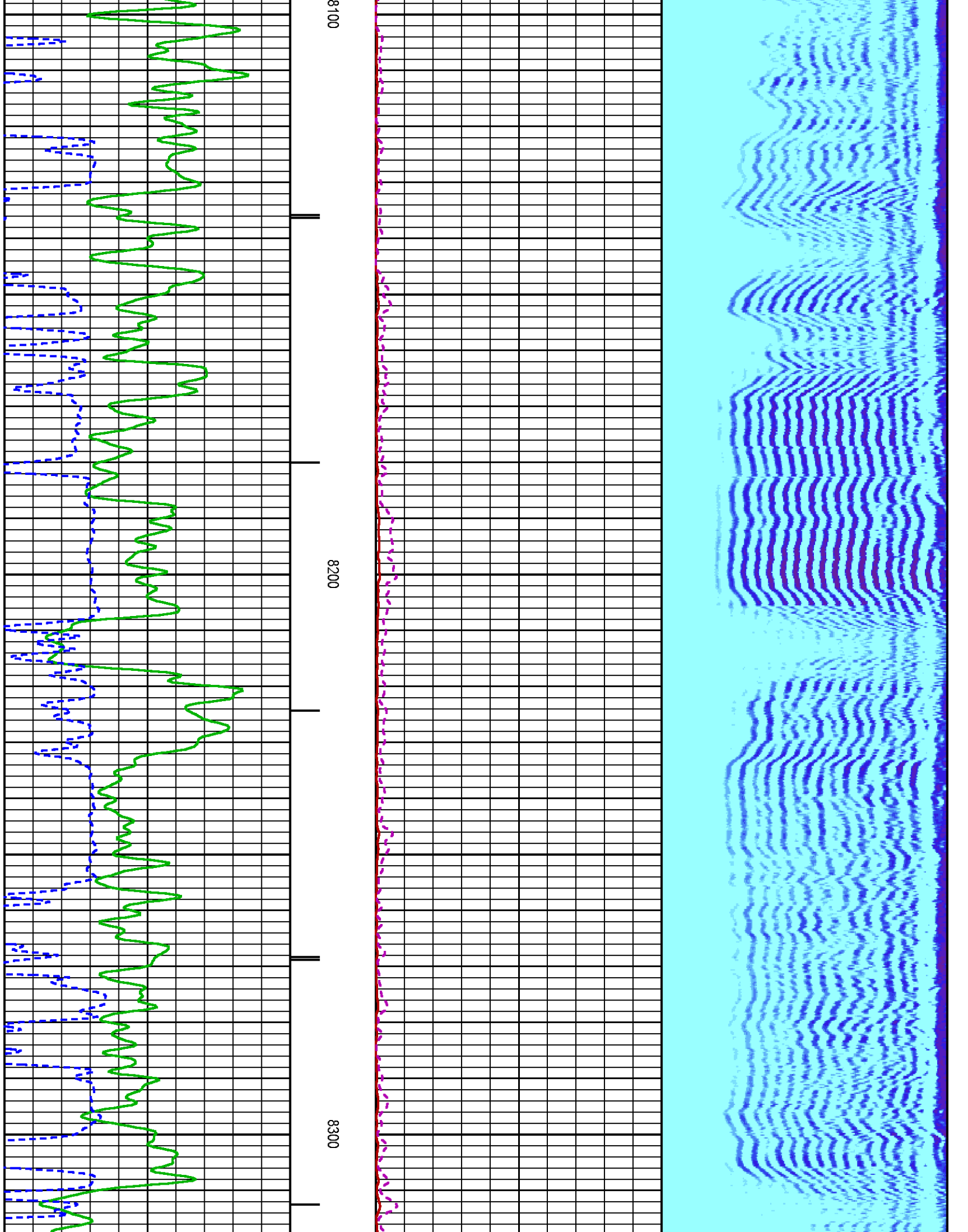


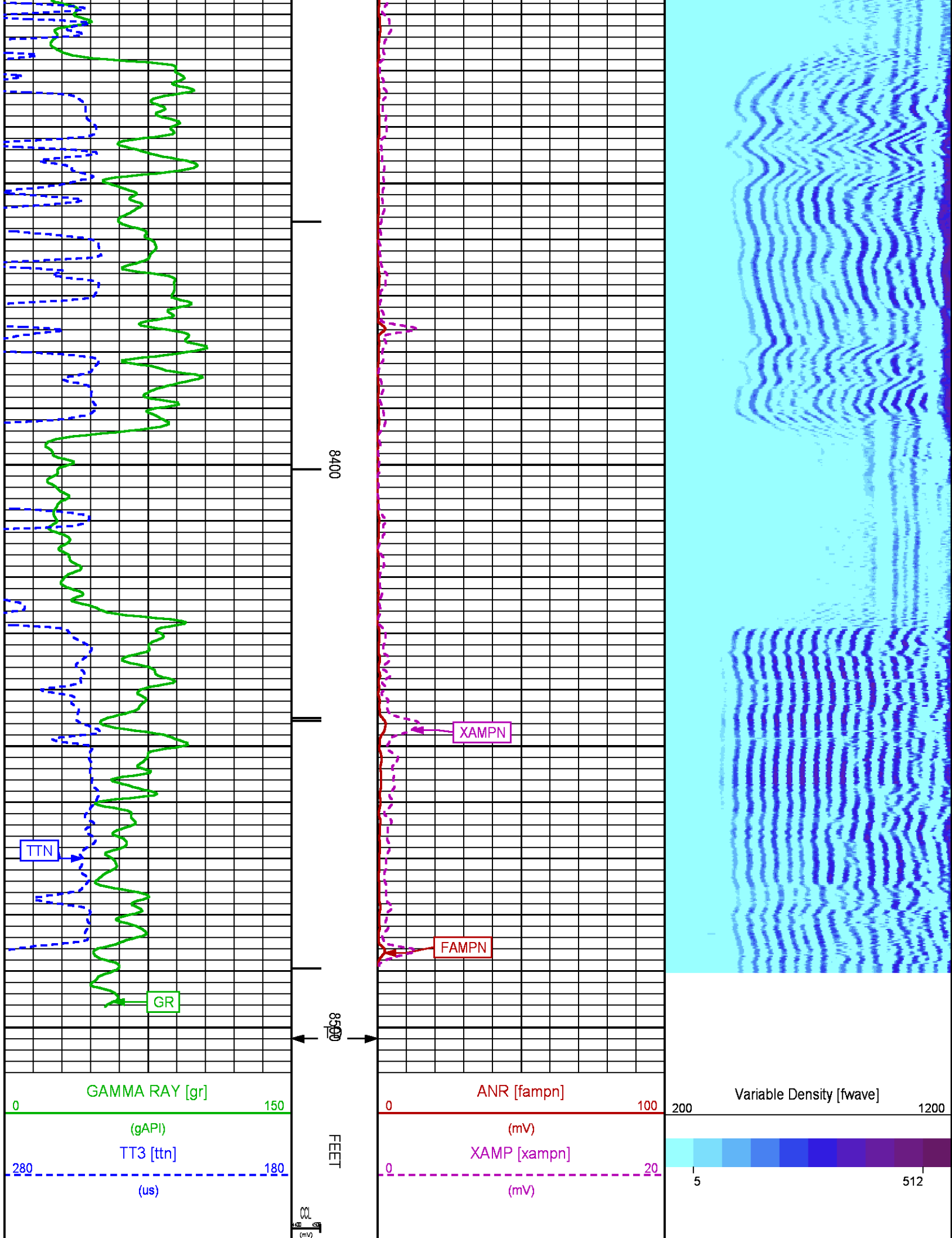












REPEAT LOG 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1 Patches: 4

Plotted: Wed Nov 26 10:53:05 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH092508/n012eR04.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 8284.500 ft BOTTOM DEPTH: 8504.000 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*)	175	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-69	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	Nov 26 09:43:22 2014	CASING COLLAR LOCATOR
F1:FAMPN	Nov 26 09:43:22 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Nov 26 09:43:22 2014	FAR WAVE FORM
F1:GR	Nov 26 09:43:22 2014	GAMMA RAY
F1:TTN	Nov 26 09:43:22 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Nov 26 09:43:22 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

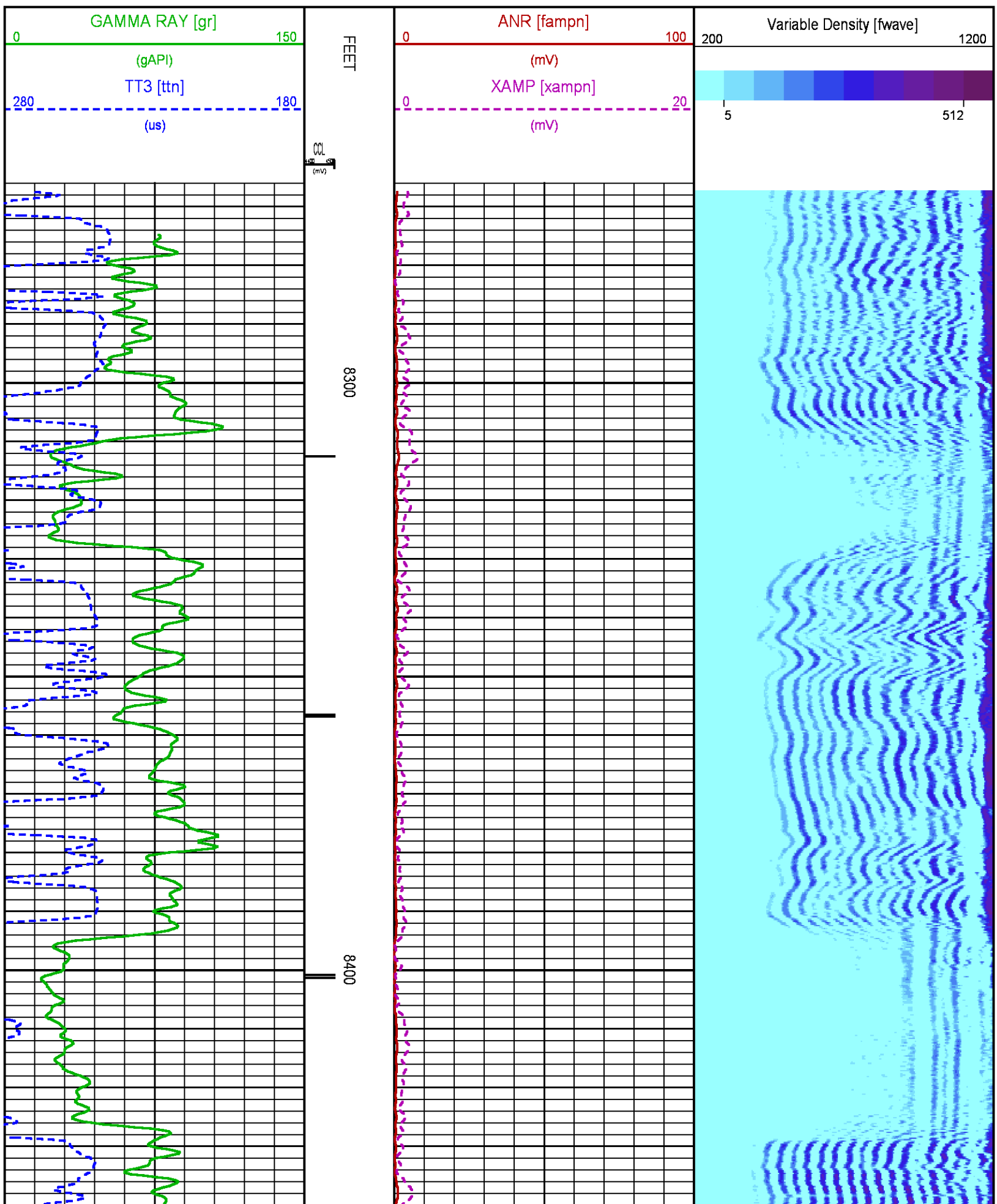
CURVE MEASURE POINT OFFSET

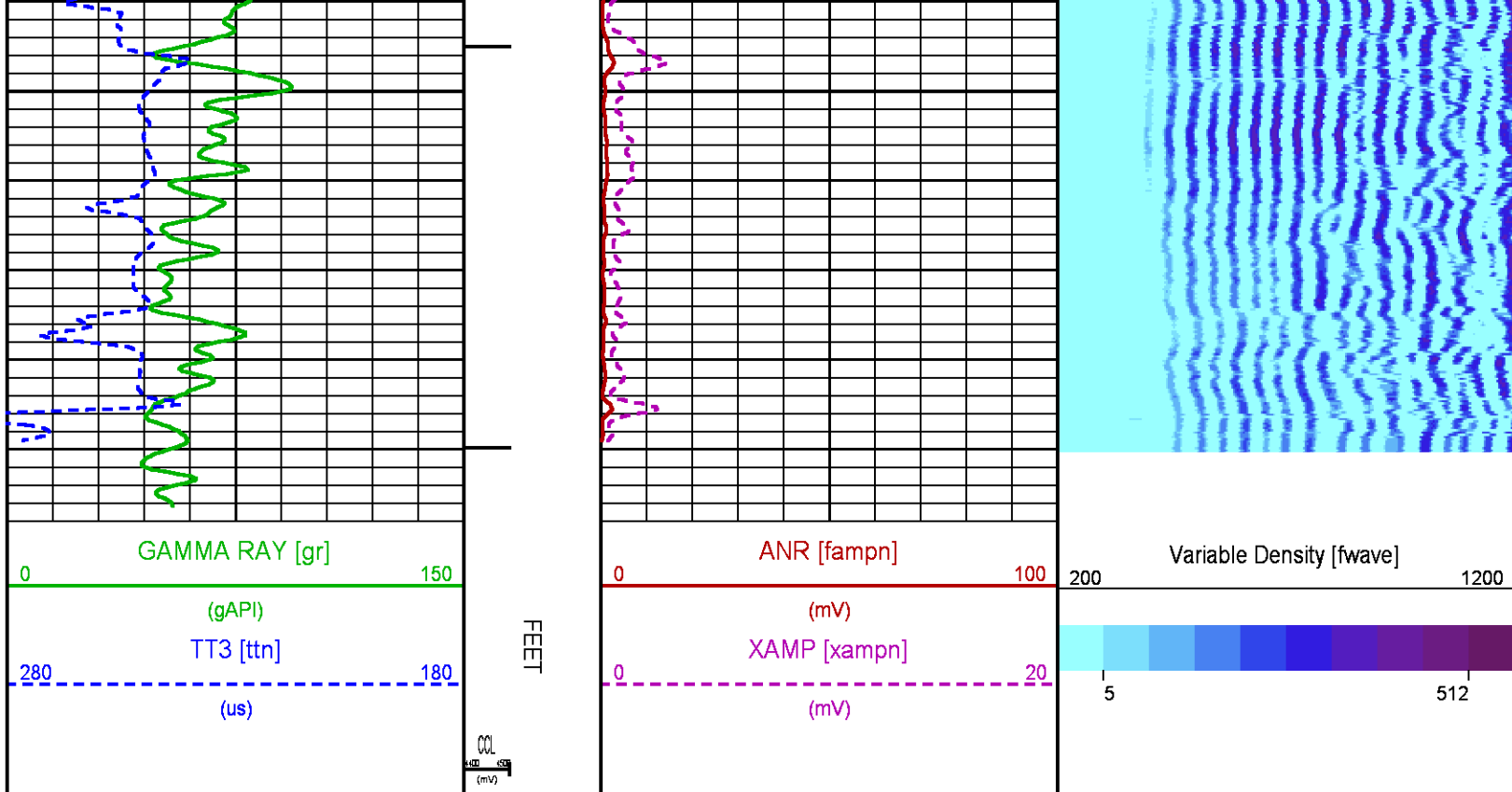
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

Presentation : HL6670:/dat1a/CH092508/11WCBL_REPEAT_PRESENTATION.fvpdf [5"/100' Scale]
Plot Interval : 8267.25 - 8502.5 Feet

Data File 1 : F1 : HL6670:/dat1a/CH092508/11WCBL_REPEAT.xtf
Created On : Nov 26 09:43:22 2014
Company : LARAMIE ENERGY

Company : LARAMIE ENERGY
Well : SUP & SHEP FEDERAL 25-11W
Field : VEGA
File Interval : 8266.25 - 8504 Feet
OCT : n012e





CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH092508/n012e.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Tue Nov 25 12:36:47 2014

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)	-0.03	0.08	0.00	0.03	-0.03	-0.02	-0.02	-0.00	-0.04	1.10	-0.01
AMP FLUID (mV)	333	334	333	331	331	331	331	331	332	447	332
TT (us)	217	216	217	217	217	216	215	215	216	325	216
M FACTOR	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.34	0.30

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Wed Nov 26 09:17:02 2014

DAYS SINCE CAL: 0

UNIT #: 3880TA HL6670

CABLE #: 6670SM SMALL1

	NEAR (mV)	R1 (mV)	R2 (mV)	R3 (mV)	R4 (mV)	R5 (mV)	R6 (mV)	R7 (mV)	R8 (mV)	FAR (mV)	CAL (mV)
ZERO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AMP AIR	-0.18	-0.34	-0.34	-0.12	-0.12	-0.27	-0.25	-0.30	-0.27	-0.35	50.90

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
0.30	0.00	1.96

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 2459XA 10218503 DATE/TIME PERFORMED: Thu Nov 13 08:54:47 2014

UNIT #: 3880TA HL6670 CALB JIG #: 4702NK WA-612

	BACKGROUND CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	102.04	385.73	0.652	66.55	251.55
					185

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 2459XA 10218503 DATE/TIME PERFORMED: Thu Nov 13 08:56:37 2014

UNIT #: 3880TA HL6670 VERI JIG #: 4702NK WA-612

	BACKGROUND CALBRTR ON (cts)	MULT	BACKGROUND CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	108.58	0.652	70.81	178.13
				175.00 195.00

INSTRUMENT CONFIGURATION

Source File: /dat1a/CH092508/CBL-tdg

CABLEHEAD

Diameter : 2.75"
Length : 2.25'
Weight : 10 lbs
Series : CABL234
Mnemonic : CBLH

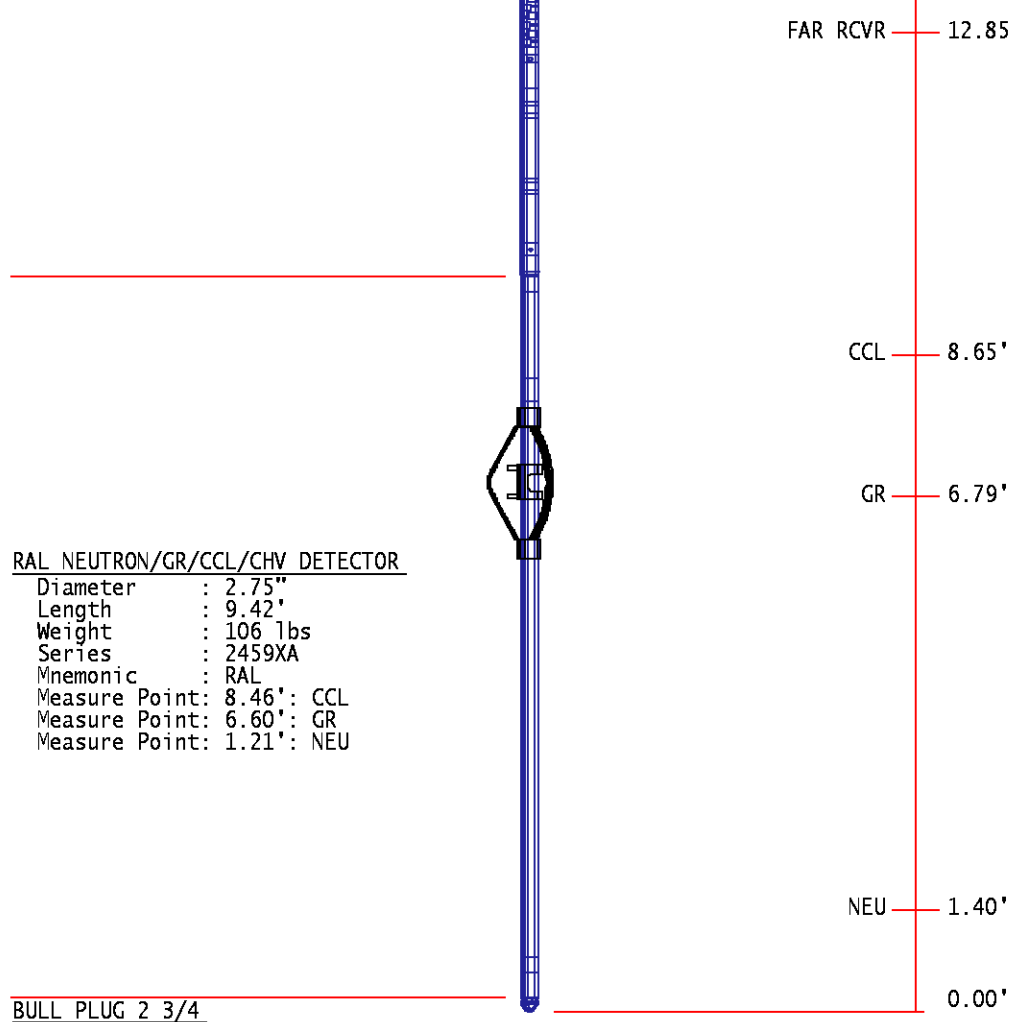
RADIAL BOND TOOL

Diameter : 2.75"
Length : 11.17'
Weight : 126 lbs
Series : 1426XA
Mnemonic : RAL
Measure Point: 4.21': NEAR RCVR
Measure Point: 3.25': FAR RCVR



23.02'


NEAR RCVR 13.81'



TOTAL LENGTH: 23.02'

TOTAL WEIGHT: 258 lbs

MAX DIAMETER: 0'4.00"

	COMPANY	LARAMIE ENERGY		FILE NO:	
	WELL	SUP & SHEP FEDERAL 25-11W		CH092508	
	FIELD	VEGA		API NO:	
	COUNTY	MESA	STATE	CO	05077102180000
LOCATION:		ELEVATIONS:		25 9S 93W	
SHL: LAT 39.245043 LONG -107.722779		KB 8096 FT		SUP & SHEP 25-11	
BHL: LAT 39.245428 LONG -107.726810		DF		PATTERSON 306	
GL 8074 FT		DATE		26-Nov-2014	
SEC 25 TWP 9S RGE 93W					