



Baker Atlas

FILE NO:	COMPANY		PDI PRODUCTION INC.	
API NO:	WELL		G.H.S. PAP #1 ST#2	
	FIELD		GAURDIAN HILLS SOUTH	
	PROVINCE		NEWFOUNDLAND	
Ver. 3.87	LOCATION:		OTHER SERVICES	
	LAT 59-13-35.319 W LONG 48-29-21.326 N		CASING INSPECTION	
PERMANENT DATUM	GL	ELEVATION	ELEVATIONS:	
LOG MEASURED FROM	KB	7.3 M	KB	219.5 M
DRILL MEAS. FROM	KB	ABOVE P.D.	DF	
			GL	212.2 M
DATE	24-AUG-2008			
RUN	TRIP	1	1	
SERVICE ORDER	422378			
DEPTH DRILLER	4196 M			
DEPTH LOGGER	2340 M			
BOTTOM LOGGED INTERVAL	2340 M			
TOP LOGGED INTERVAL	10 M			
TIME STARTED	6:00			
TIME FINISHED	11:30			
OPERATOR RIG TIME	5.5 HRS			
TYPE OF FLUID IN HOLE	WATER			
FLUID DENSITY	N/A			
FLUID SALINITY	N/A			
FLUID LEVEL	SURFACE			
LOGGED CEMENT TOP	SEE REMARKS			
WELLHEAD PRESSURE	0 KPA			
MAXIMUM HOLE DEVIATION	2 DEG			
NOMINAL LOGGING SPEED	10 M/MIN			
MAX. RECORDED TEMP.	N/A			
REFERENCE LOG	SEE REMARKS			
REFERENCE LOG DATE	SEE REMARKS			
EQUIP. NO.	LOCATION	C - 6558	NISKU	
RECORDED BY	TYRONE WELLS			
WITNESSED BY	STEVE MCINTOSH			

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

BOREHOLE RECORD		
BIT SIZE	FROM	TO

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
244.5 MM	59.52 KG/M	L-80	0 M	2508.5 M
193.7 MM	58.09 KG/M	T-95	2360 M	4196 M

REMARKS

RUN 1 TRIP 1 : -LOG CORRELATED TO A BAKER ATLAS SBT LOG PERFORMED IN 1996.

EQUIPMENT DATA					
RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CCL	2346XA	121627	CENTRALIZED
1	1	GR	1309XA	060498	CENTRALIZED
1	1	ELECTRONICS	1633EA	117095	CENTRALIZED
1	1	PADS	1424XA	118056	CENTRALIZED
1	1	VDL	1424PA	189924	CENTRALIZED
1	1	CENTRALIZER	4341XA	178355	CENTRALIZED

INSTRUMENT CONFIGURATION

Source File: /dat1a/pass/pdi/k331e~sbt2-tdg

CABLEHEAD

Series : CABL338
Mnemonic : CBLH
Diameter : 8.6 cm
Weight : 10.9 kg
Length : 167.6 cm
Measure Point: 83.8 cm: CABLEHEAD TOP

CCL

Series : 2346XA
Mnemonic : CCL
Diameter : 11.4 cm
Weight : 44.1 kg
Length : 206.7 cm
Measure Point: 126.5 cm: CCL MP

GAMMA RAY

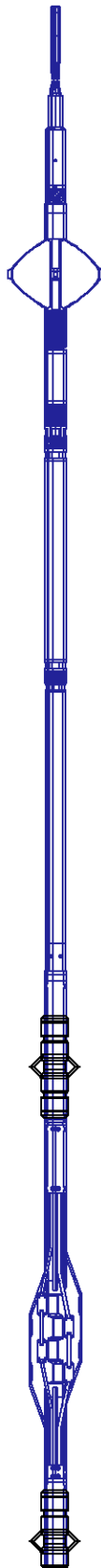
Series : 1309XA
Mnemonic : GR
Diameter : 9.2 cm
Weight : 54.5 kg
Length : 198.4 cm
Measure Point: 40.6 cm: GR MP

ACOUSTIC DIGITIZER

Series : 1633EA
Mnemonic : AC
Diameter : 8.6 cm
Weight : 60.5 kg
Length : 243.8 cm

SEGMENTED BOND TOOL

Series : 1424XA
Mnemonic : SBT
Diameter : 11.4 cm
Weight : 109.1 kg
Length : 528.3 cm
Measure Point: 229.9 cm: ATT MP



17.11 m

CABLEHEAD TOP 16.27 m

CCL MP 14.63 m

GR MP 11.79 m

ATT MP 5.96 m

SEGMENTED BOND TOOL VDL SUB

Series : 1424PA
Mnemonic : SBT
Diameter : 8.6 cm
Weight : 49.1 kg
Length : 240.5 cm
Measure Point: 121.9 cm: SBT MP

SBT MP 2.47 m

4 ARM BOW SPRING CENTRALIZER

Series : 4341XA
Mnemonic : CENT
Diameter : 8.6 cm
Weight : 32.7 kg
Length : 125.5 cm

0.00 m

BULL PLUG 3 1/8

TOTAL LENGTH: 17.18 m
TOTAL WEIGHT: 368.2 kg
MAX DIAMETER: 24.0 cm

MAIN LOG

ECLIPS 6.0i Feb 21, 2008
Patches: 1,3,4

Sun Aug 24 09:17:14 2008

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.24

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/pd1/k331eR04.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 18.669 m BOTTOM DEPTH: 2341.245 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
SBT	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)		''	''

SBT PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
SBT	CASING OD	139.700	mm	TOP	BOTTOM
	CASING WT	25.299	kg/m	''	''
	CORR. FACTOR 1	0.000	dB/ft	''	''
	CORR. FACTOR 2	0.000	dB/ft	''	''
	CORR. FACTOR 3	0.000	dB/ft	''	''
	CORR. FACTOR 4	0.000	dB/ft	''	''
	CORR. FACTOR 5	0.000	dB/ft	''	''
	CORR. FACTOR 6	0.000	dB/ft	''	''
	SPACING	0.192	m	''	''
	SPREADING FACTOR	4.755	dB/ft	''	''
	CEMENT STRENGTH	17237	kPa	''	''
	HI CUTOFF	10.379	dB/ft	''	''
	LOW CUTOFF	3.149	dB/ft	''	''

SBT NORMALIZATION RESULTS

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS
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SBT	CORR. FACTOR1	-4.375	dB/m
	CORR. FACTOR2	2.214	dB/m
	CORR. FACTOR3	0.931	dB/m
	CORR. FACTOR4	2.975	dB/m
	CORR. FACTOR5	0.018	dB/m
	CORR. FACTOR6	-1.764	dB/m
FILE:	/dat1a/pass/pdl/k331eR04.sbt.qc.meta		

CURVE DESCRIPTION REPORT

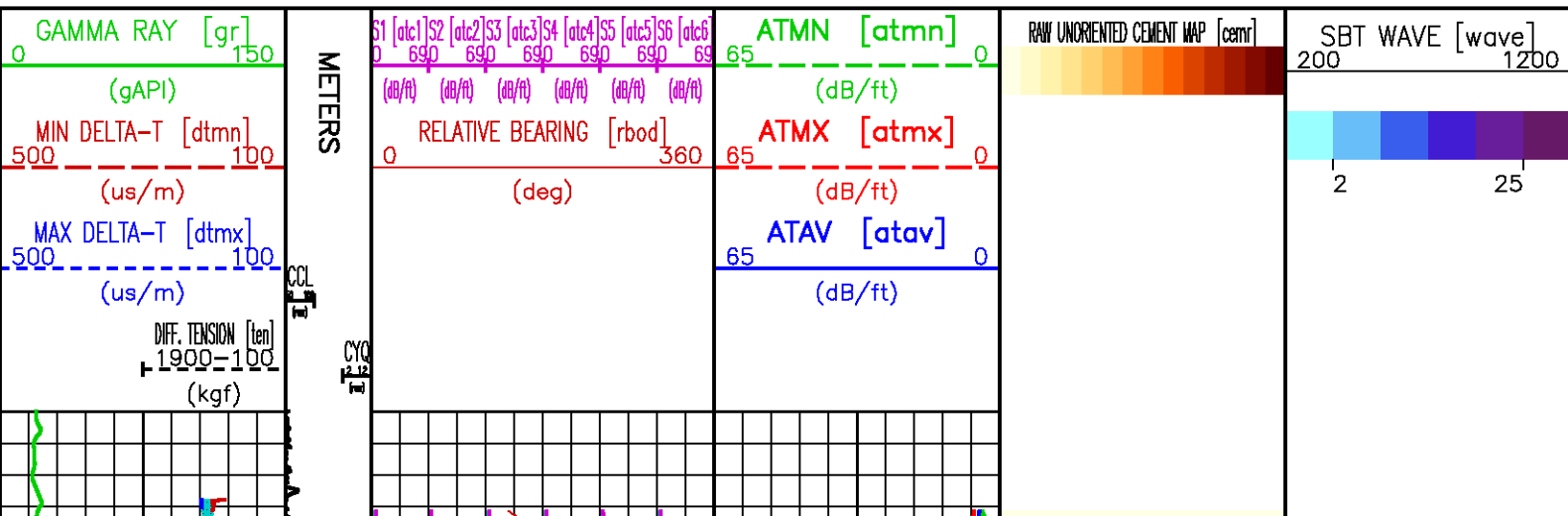
CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
F1:ATAV	ATAV	Aug 24 08:55:30 2008	AVERAGE ATTENUATION
F1:ATC1	ATC1	Aug 24 08:55:30 2008	ATTENUATION PAD 1
F1:ATC2	ATC2	Aug 24 08:55:30 2008	ATTENUATION PAD 2
F1:ATC3	ATC3	Aug 24 08:55:30 2008	ATTENUATION PAD 3
F1:ATC4	ATC4	Aug 24 08:55:30 2008	ATTENUATION PAD 4
F1:ATC5	ATC5	Aug 24 08:55:30 2008	ATTENUATION PAD 5
F1:ATC6	ATC6	Aug 24 08:55:30 2008	ATTENUATION PAD 6
F1:ATMN	ATMN	Aug 24 08:55:30 2008	ATTENUATION MINIMUM
F1:ATMX	ATMX	Aug 24 08:55:30 2008	ATTENUATION MAXIMUM
F1:CCL	CCL	Aug 24 08:55:30 2008	CASING COLLAR LOCATOR
F1:CEMR	RAW	Aug 24 08:55:30 2008	CEMENT MAP RAW VALUES
F1:CYQ	CYQ	Aug 24 08:55:30 2008	CYCLE QUALITY
F1:DTMN	DTMN	Aug 24 08:55:30 2008	MINIMAL DELTA-T
F1:DTMX	DTMX	Aug 24 08:55:30 2008	MAXIMAL DELTA-T
F1:GR	GR	Aug 24 08:55:30 2008	GAMMA RAY
F1:RBOD	RBOD	Aug 24 08:55:30 2008	RELATIVE BEARING (RELATIVE TO HIGH SIDE OF BOREHOLE)
F1:TEN	TEN	Aug 24 08:55:30 2008	DIFFERENTIAL TENSION
F1:WAVE	WAVE	Aug 24 08:55:30 2008	250 BYTES DIGITIZED WAVEFORM

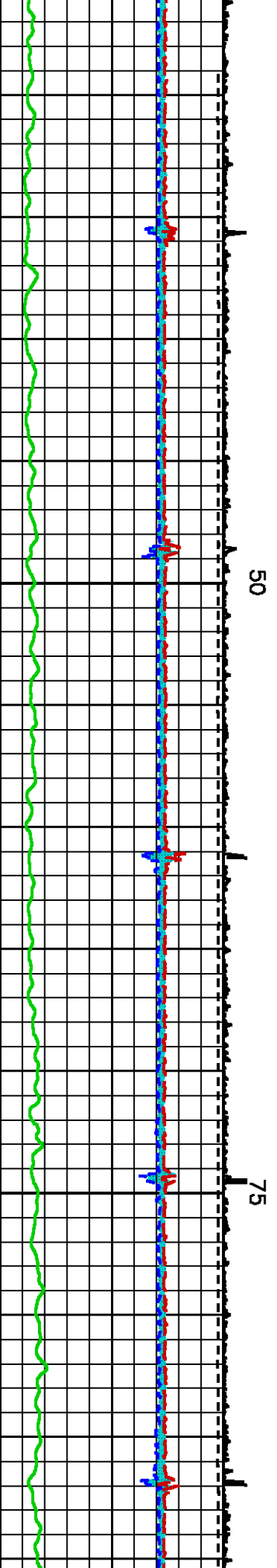
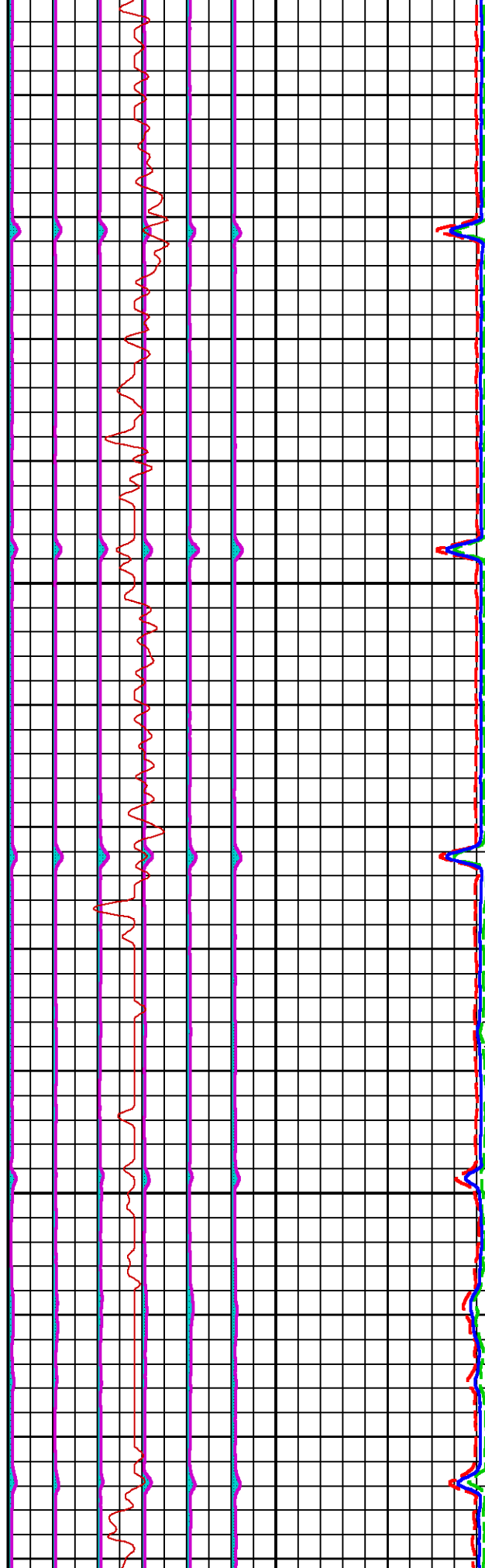
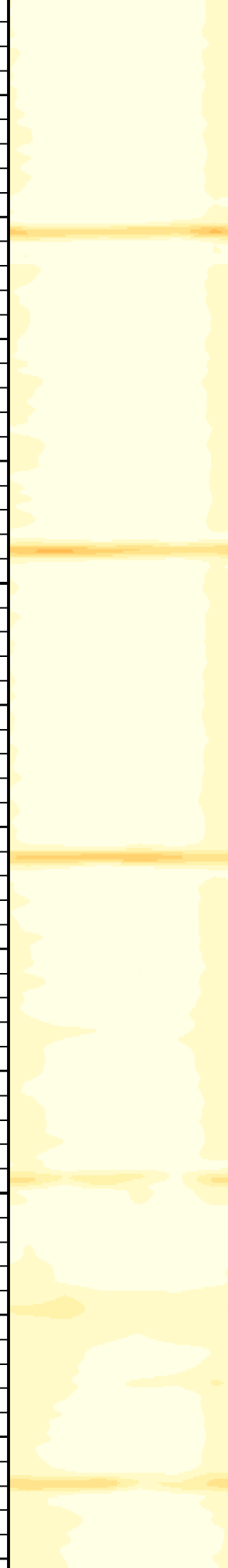
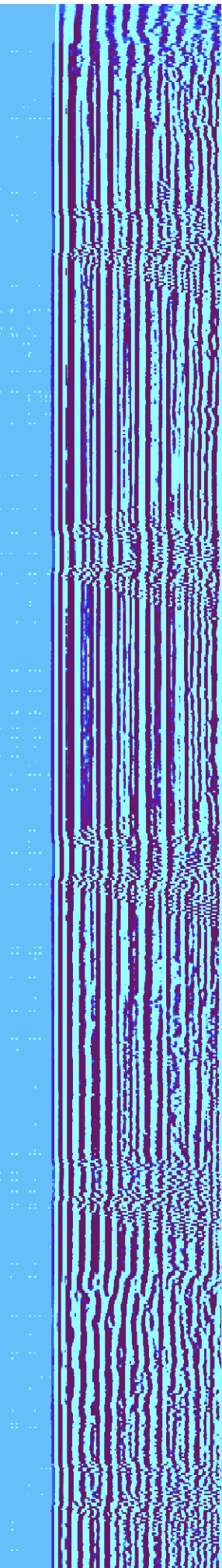
CURVE MEASURE POINT OFFSET

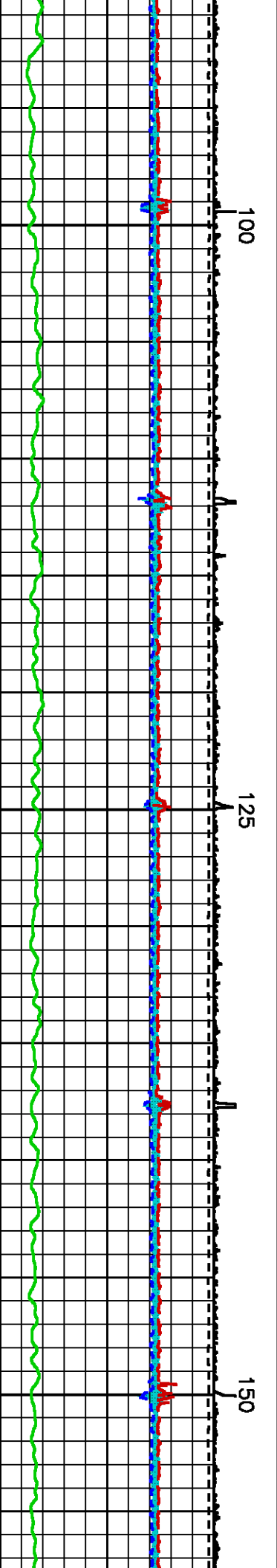
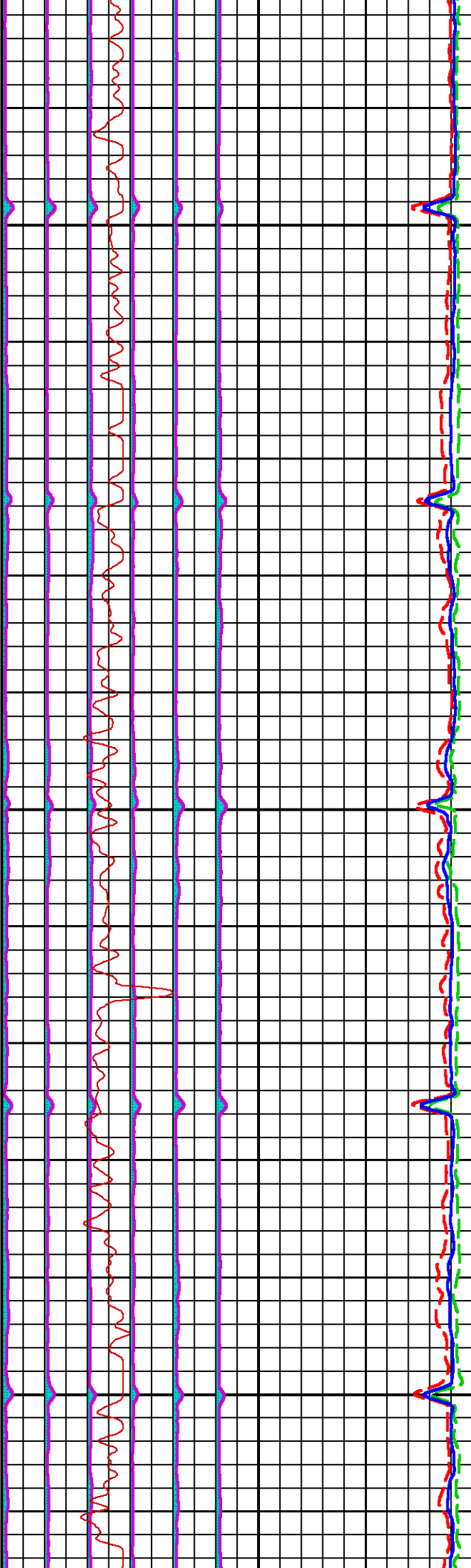
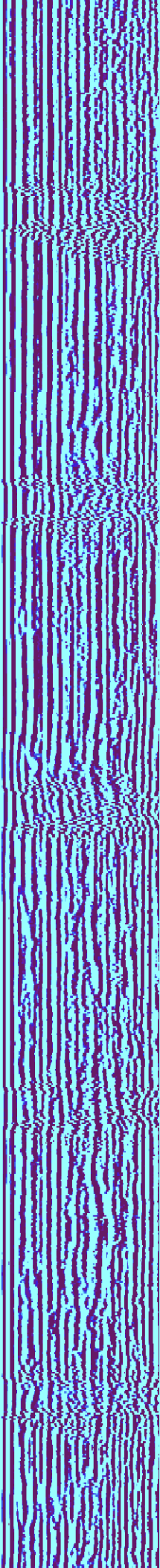
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ATAV	6.02	ATC4	6.02	ATMX	6.02	DTMX	6.02
ATC1	6.02	ATC5	6.02	CCL	14.63	GR	11.81
ATC2	6.02	ATC6	6.02	CYQ	6.02	RBOD	6.02
ATC3	6.02	ATMN	6.02	DTMN	6.02	TEN	0.00

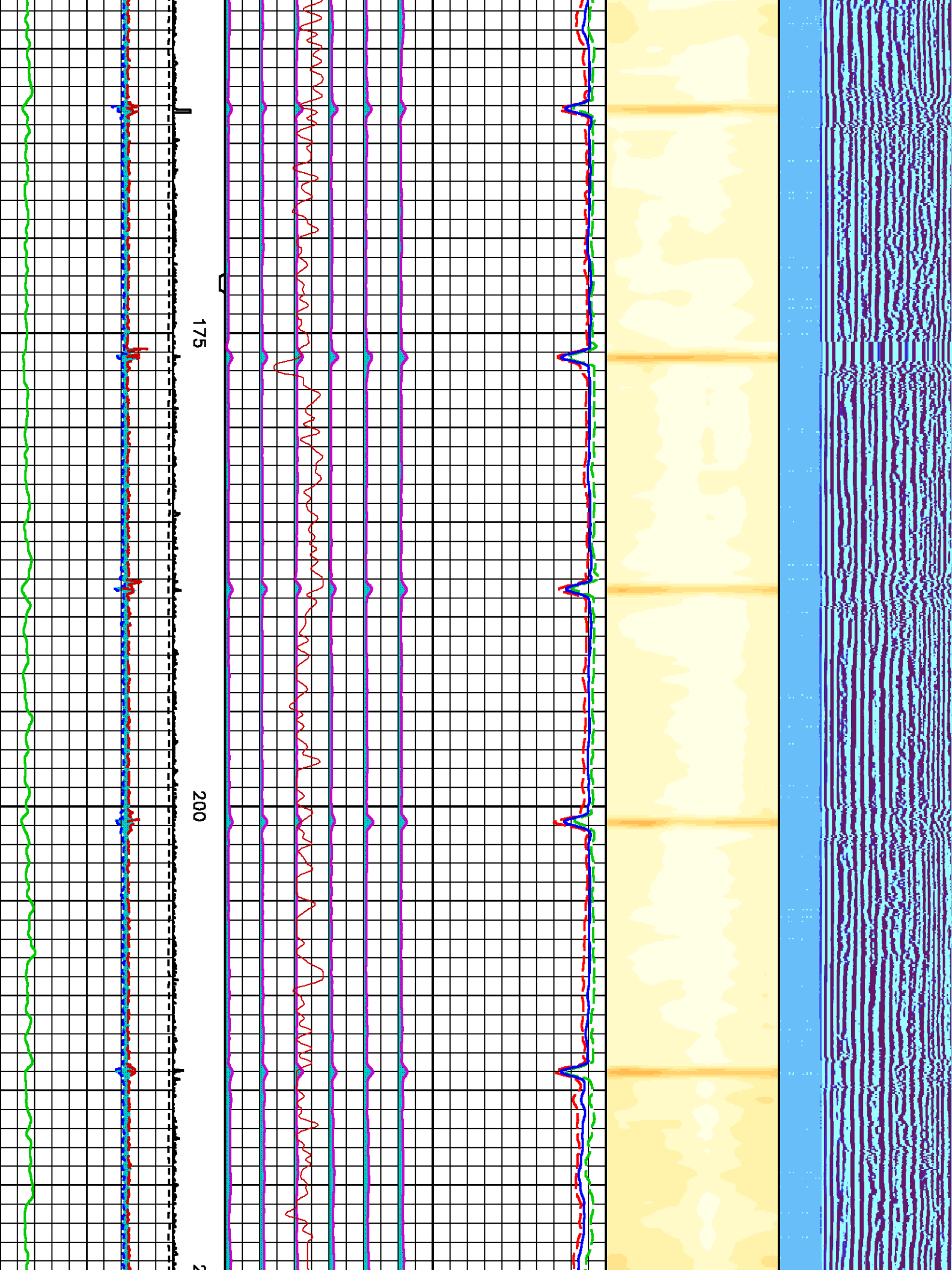
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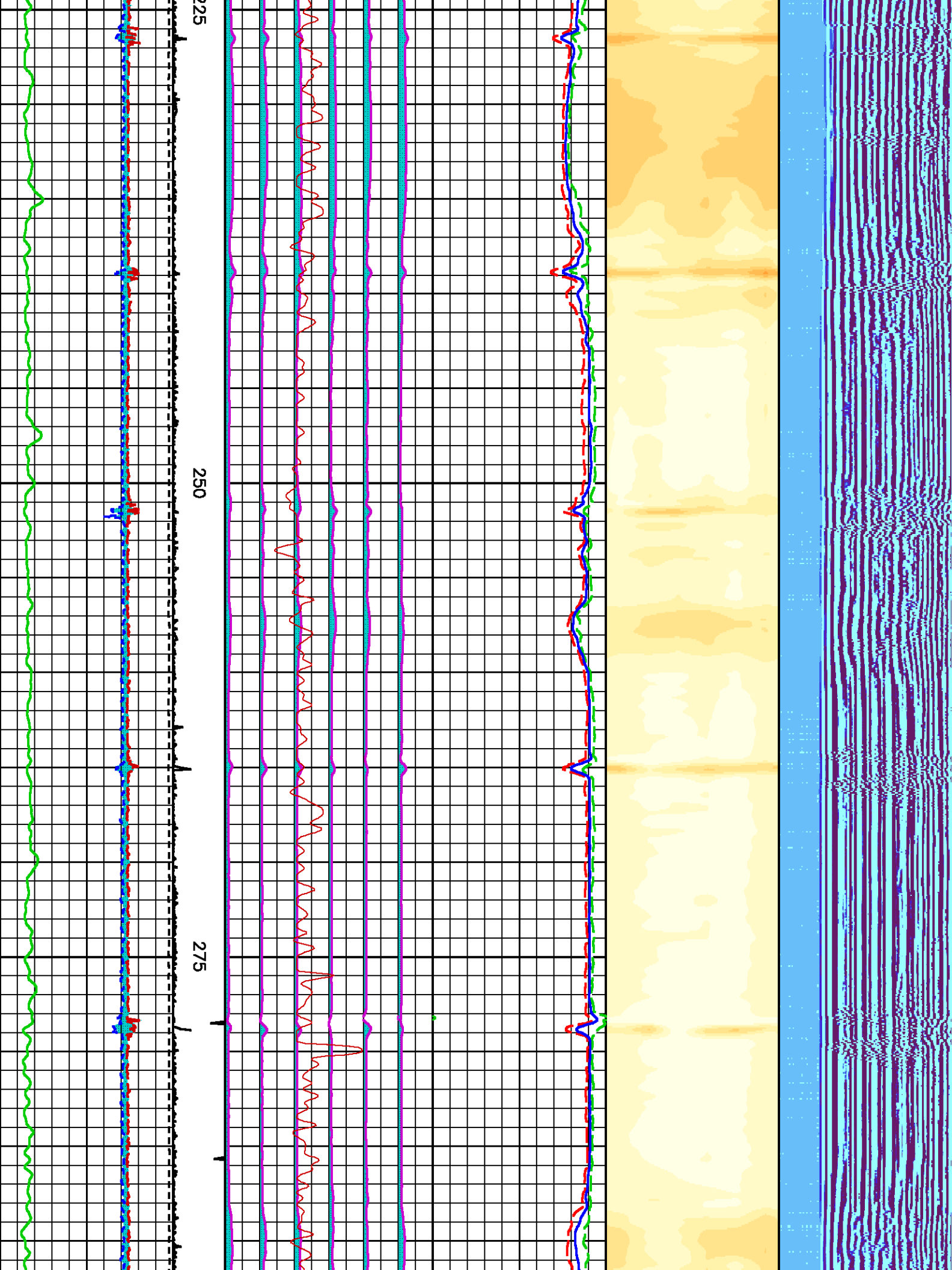
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Created On : Aug 24 08:55:30 2008
Company : PDI PRODUCTION
Well : PORT AU PORT #1
Field : PORT AU PORT
File Interval : 14.1731 - 2352.37 Meters
Oct : k331e

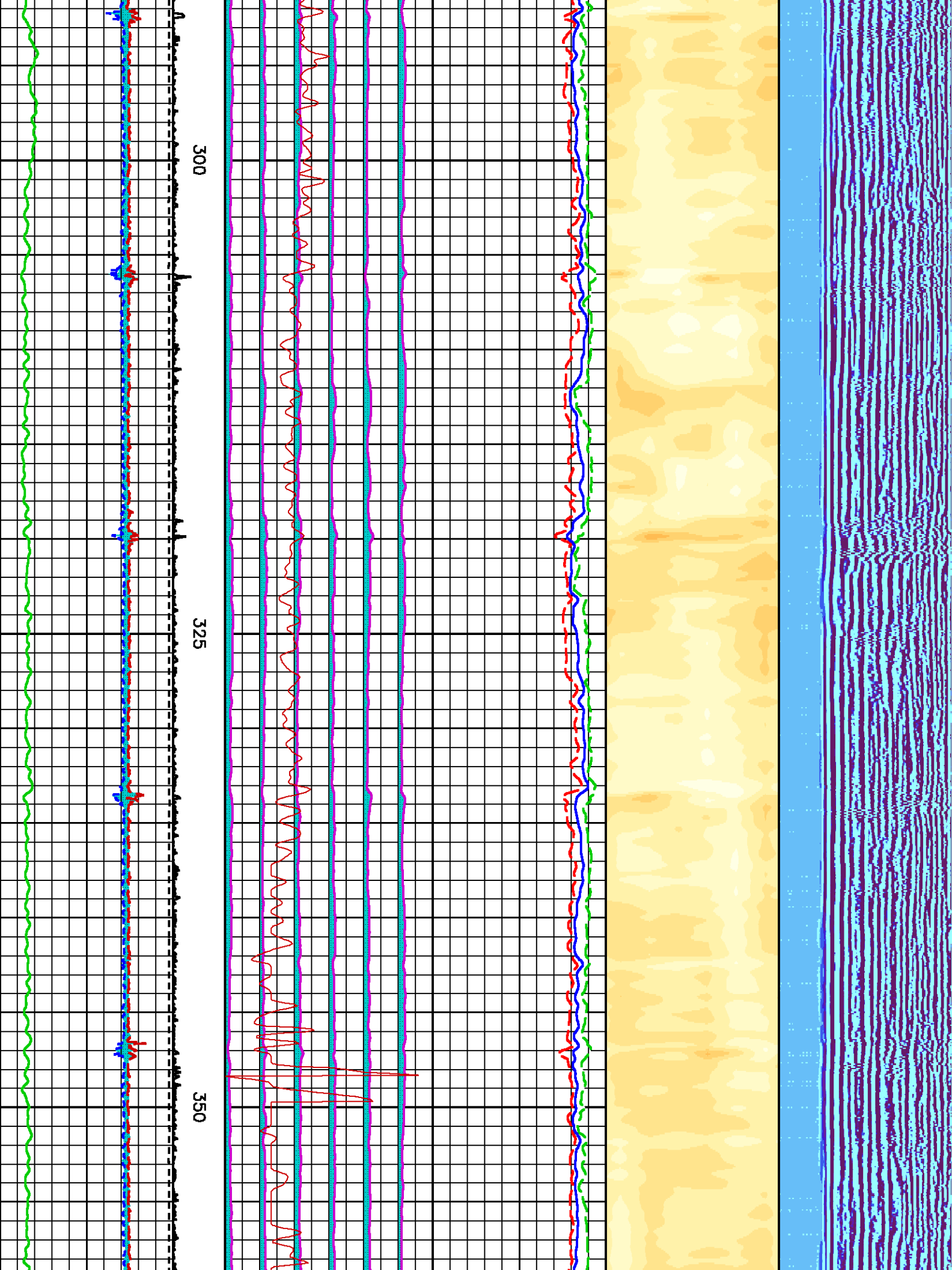


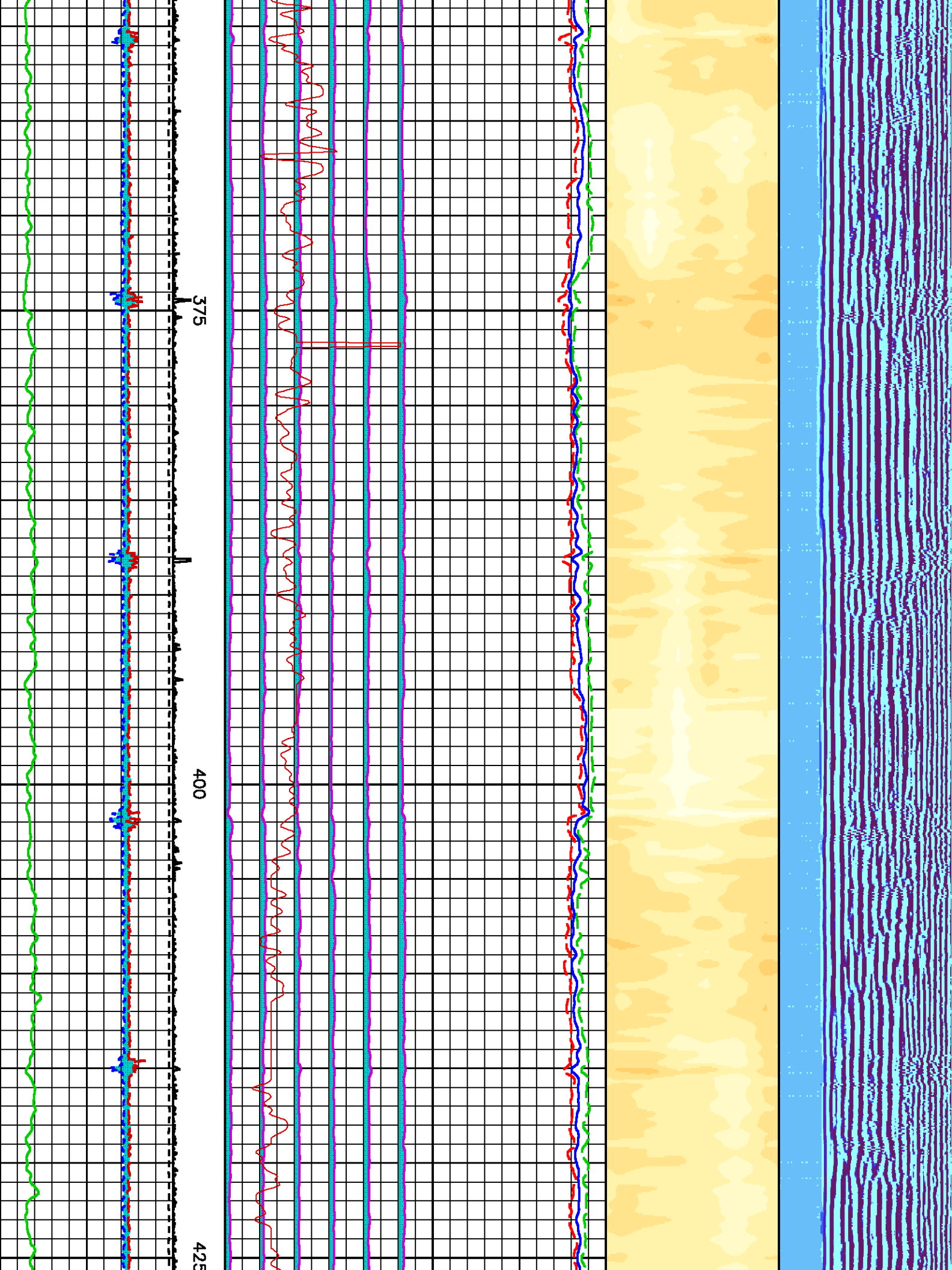


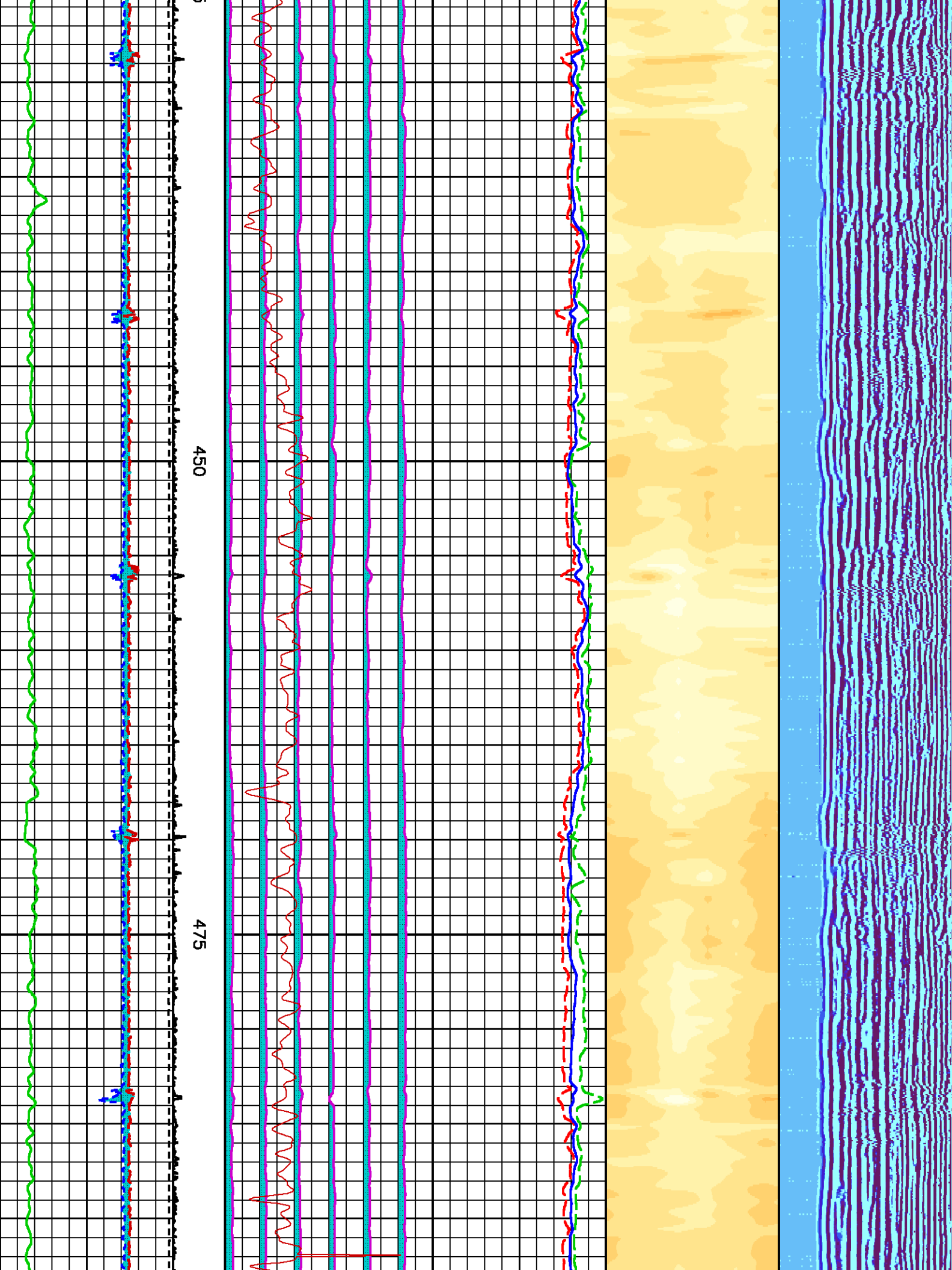


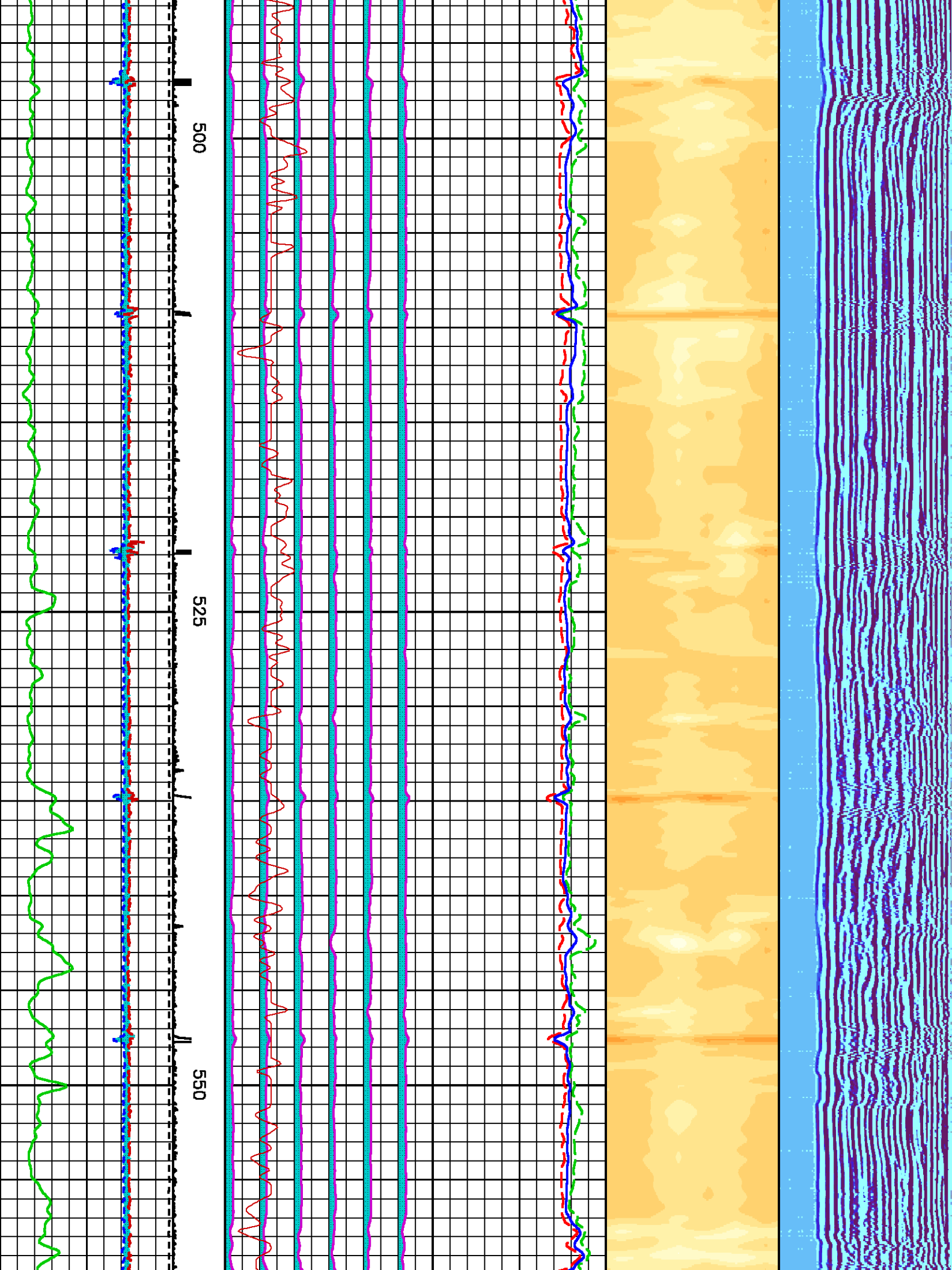


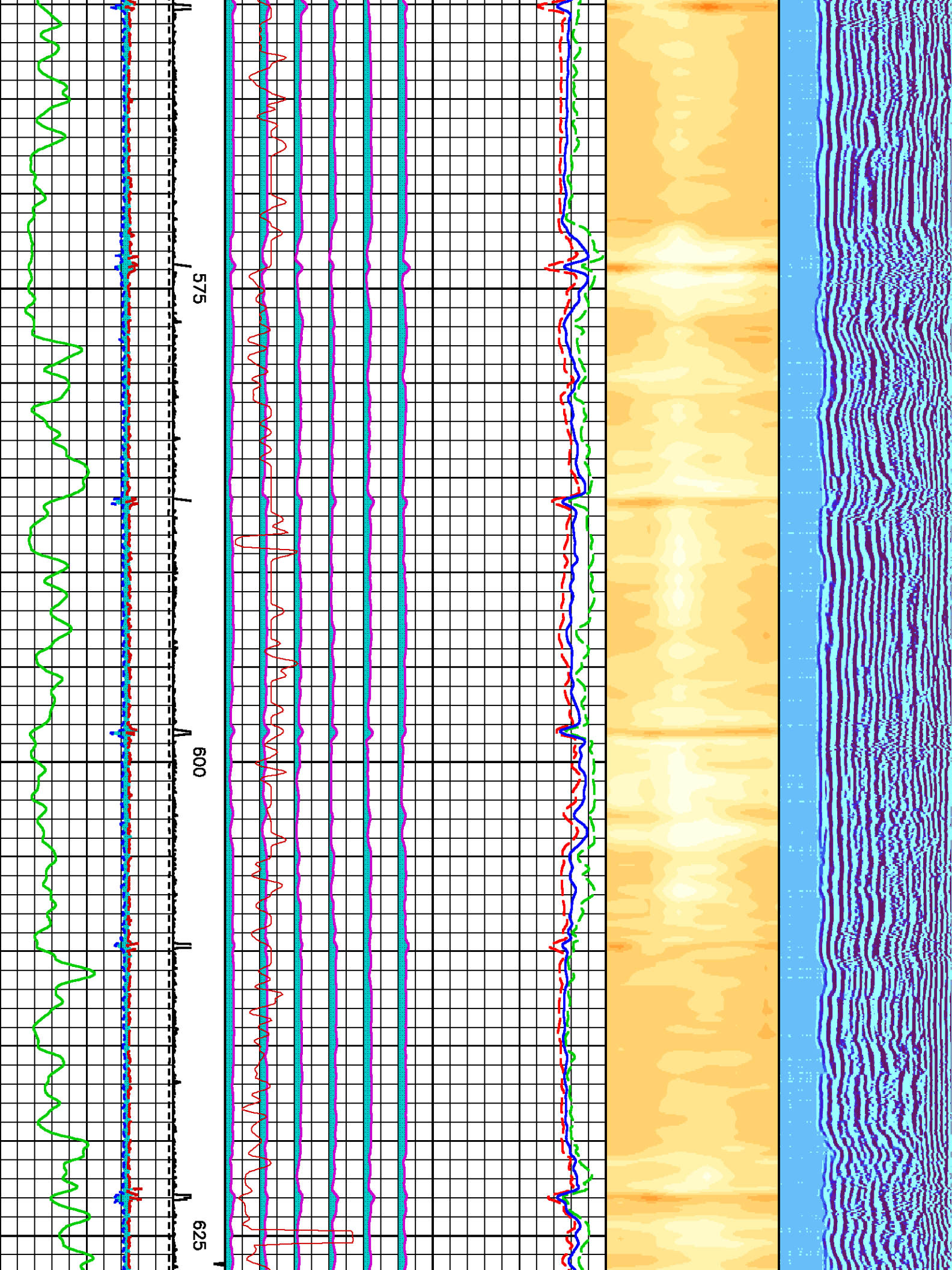


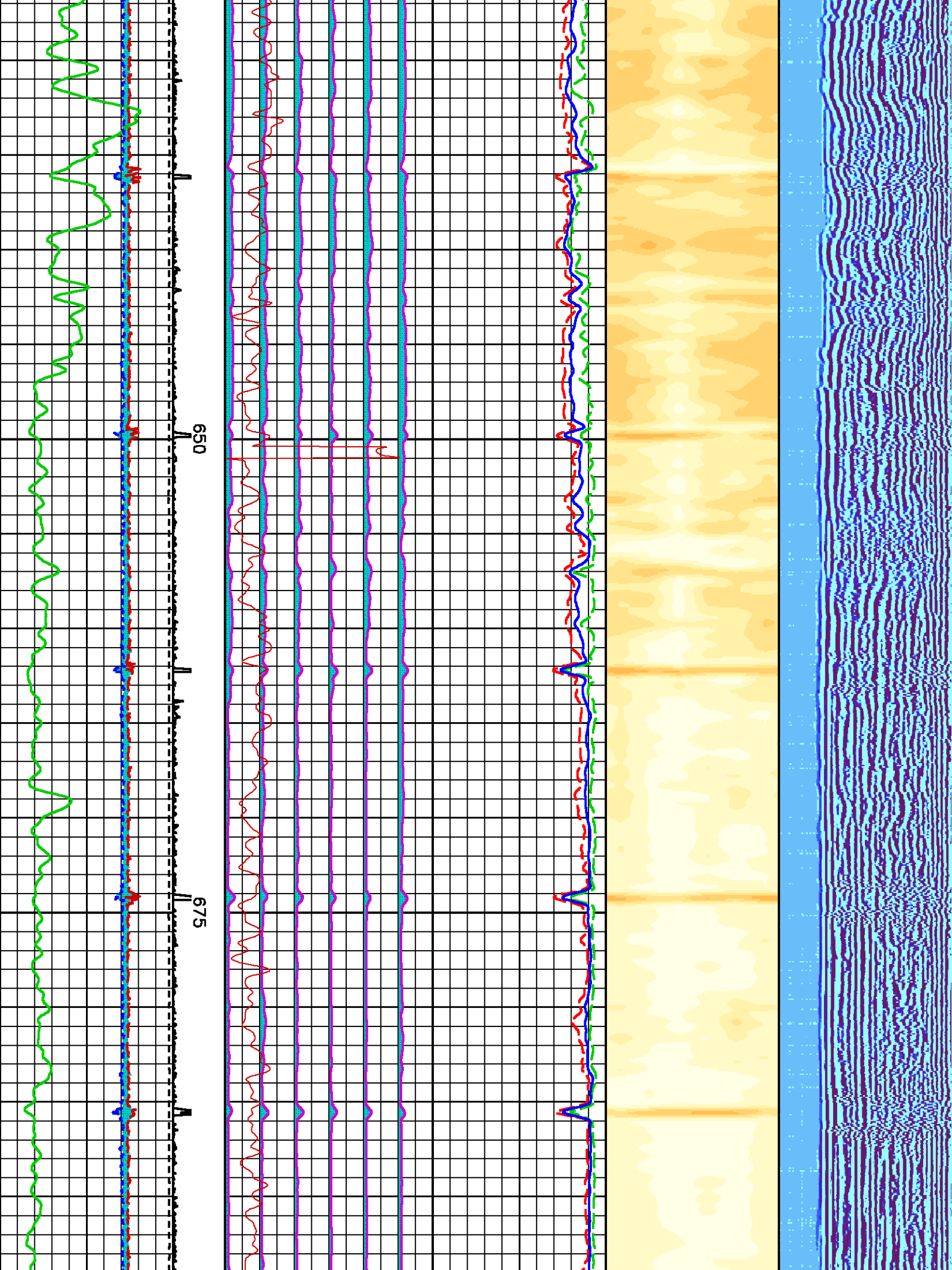


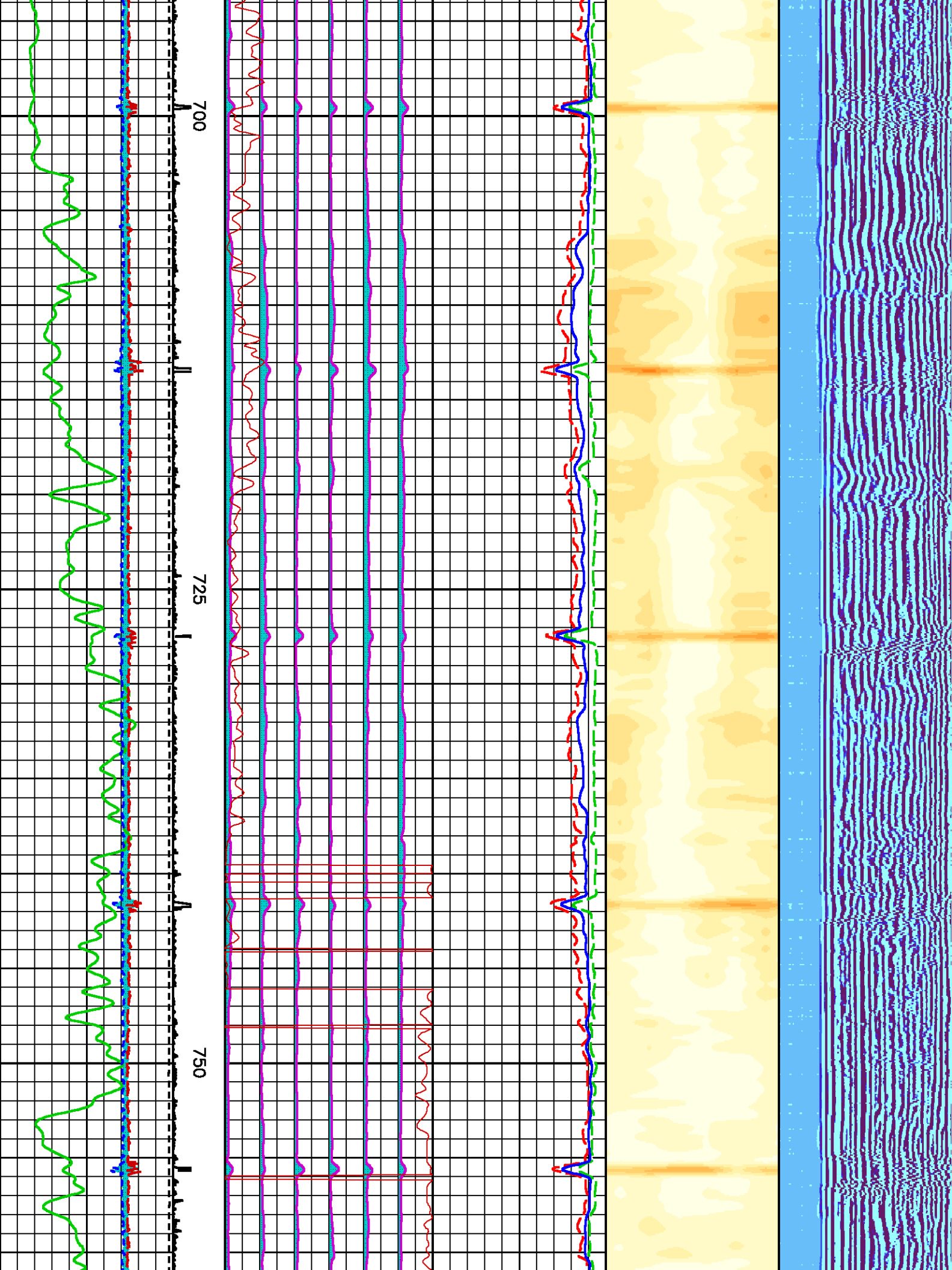


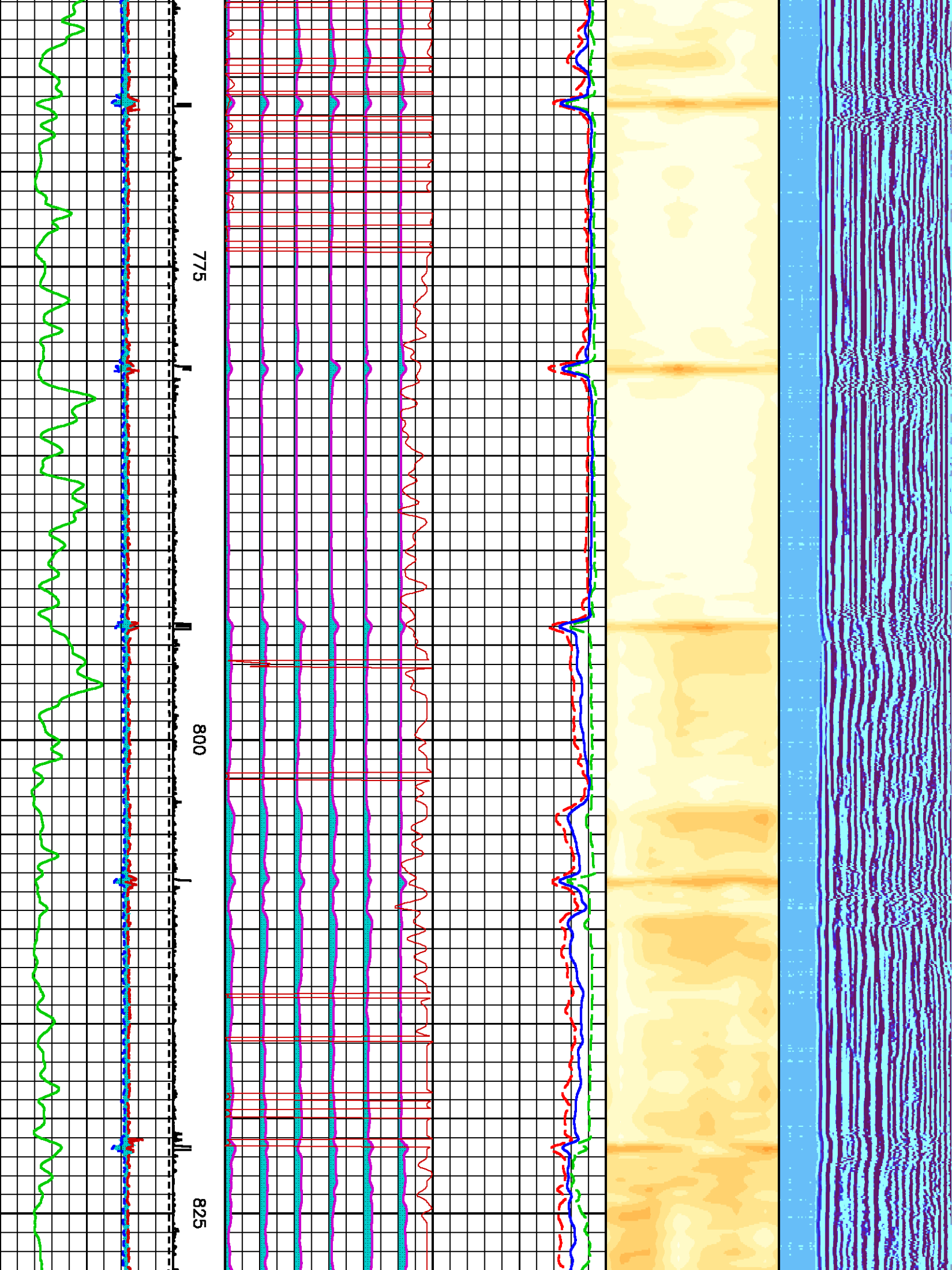


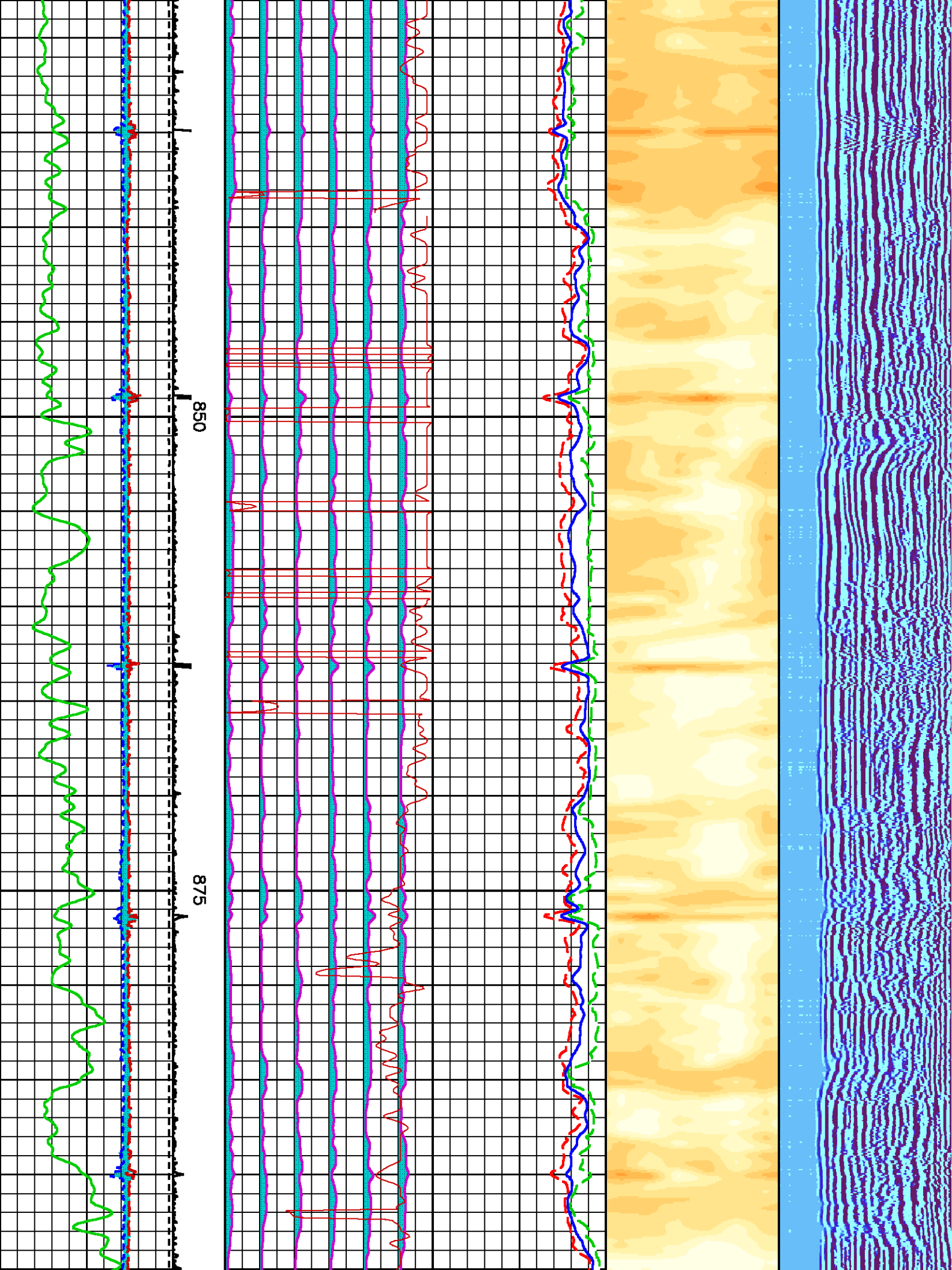


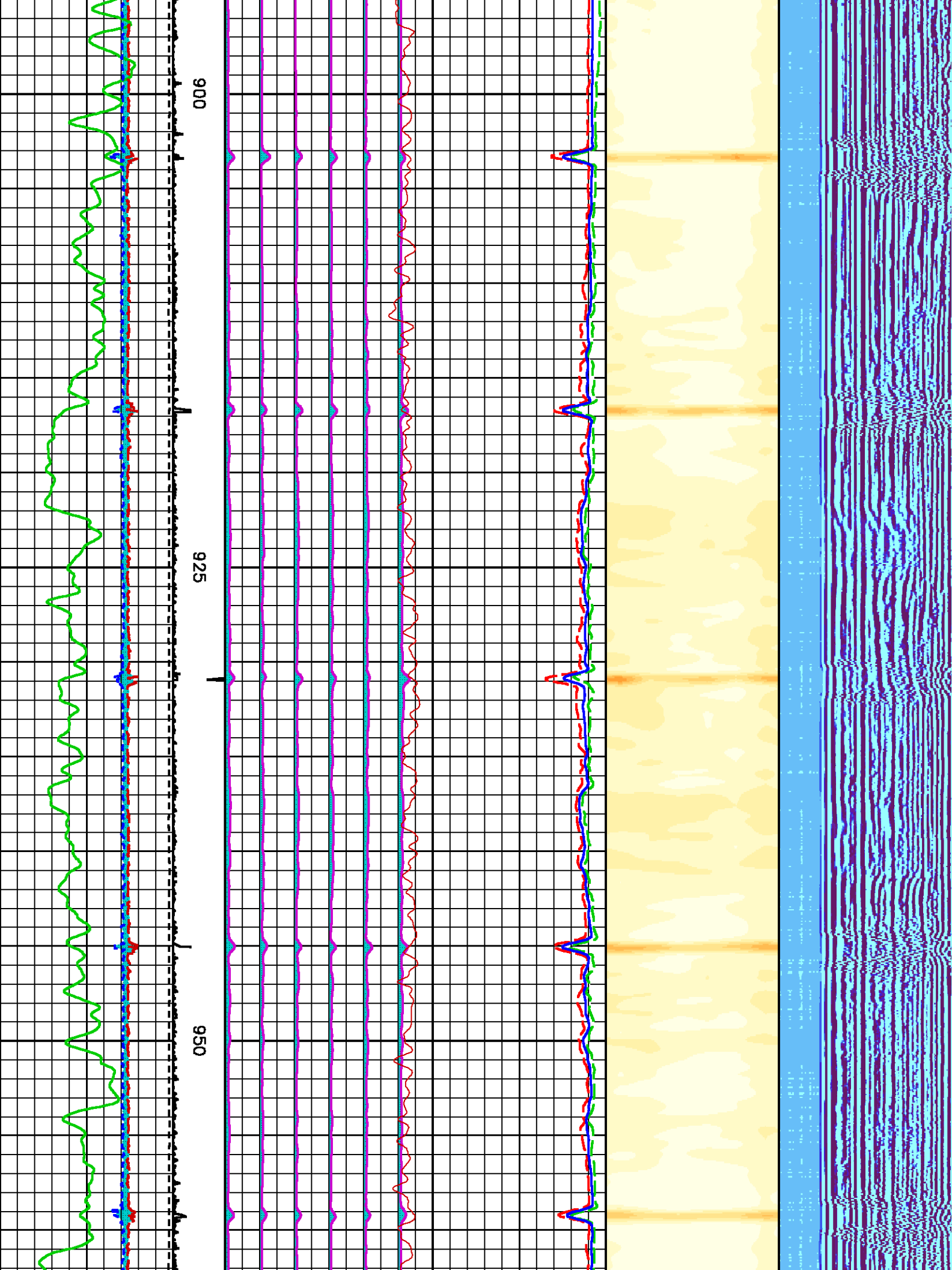


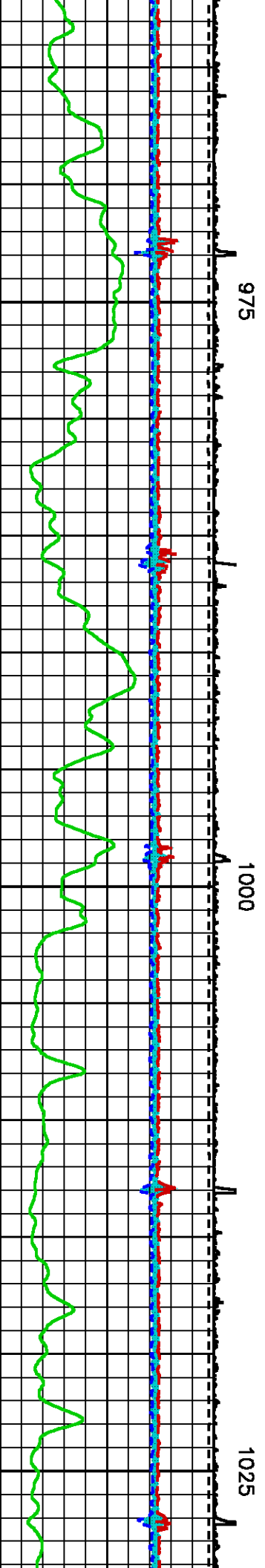
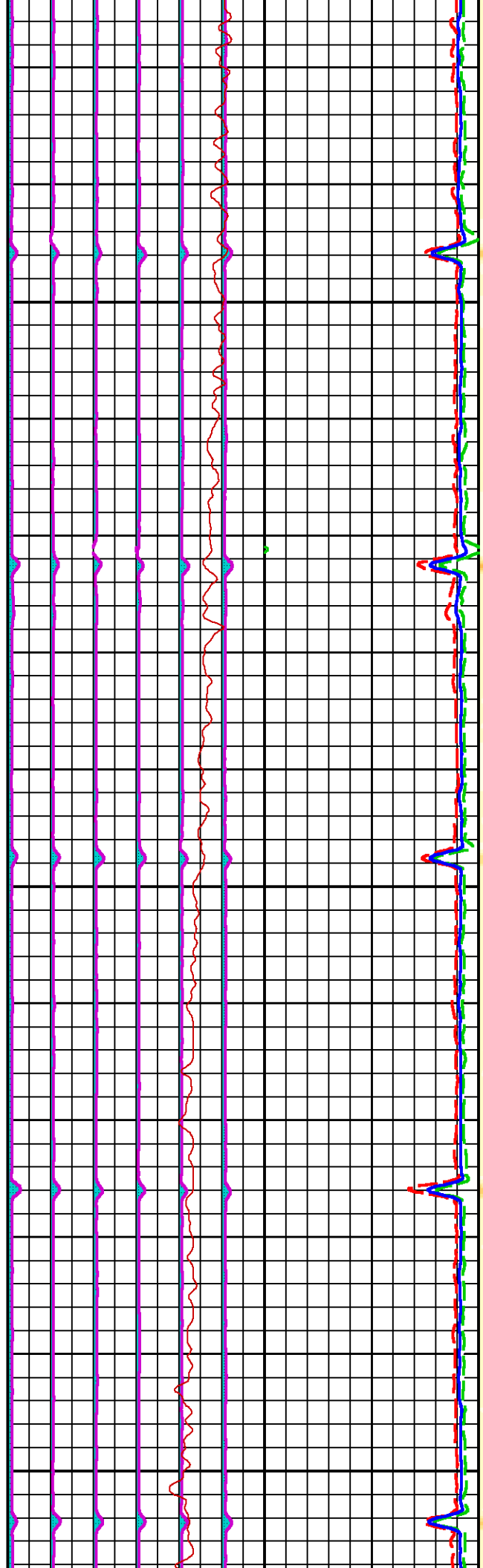
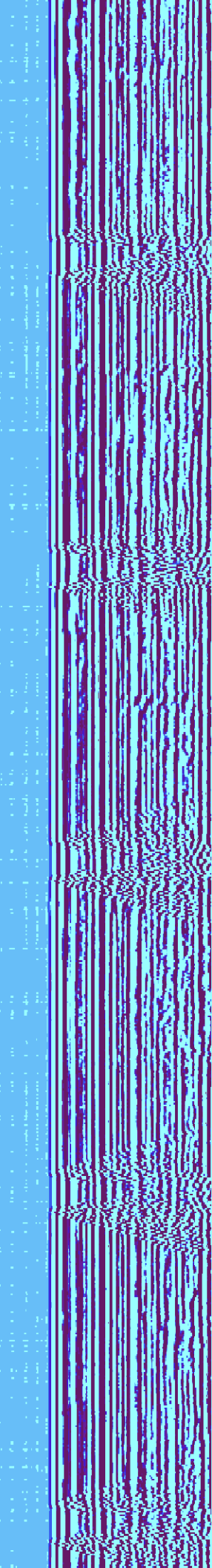


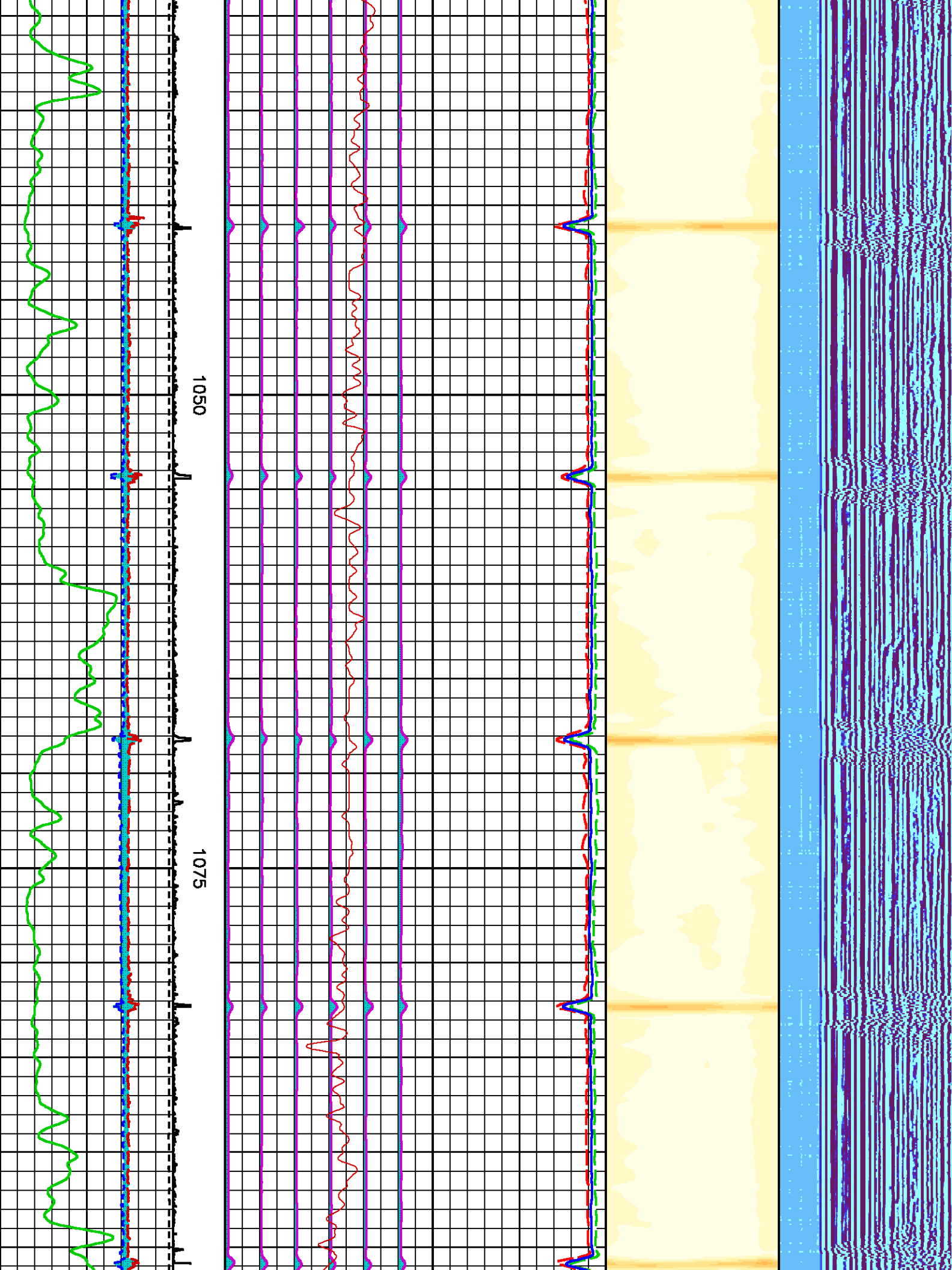


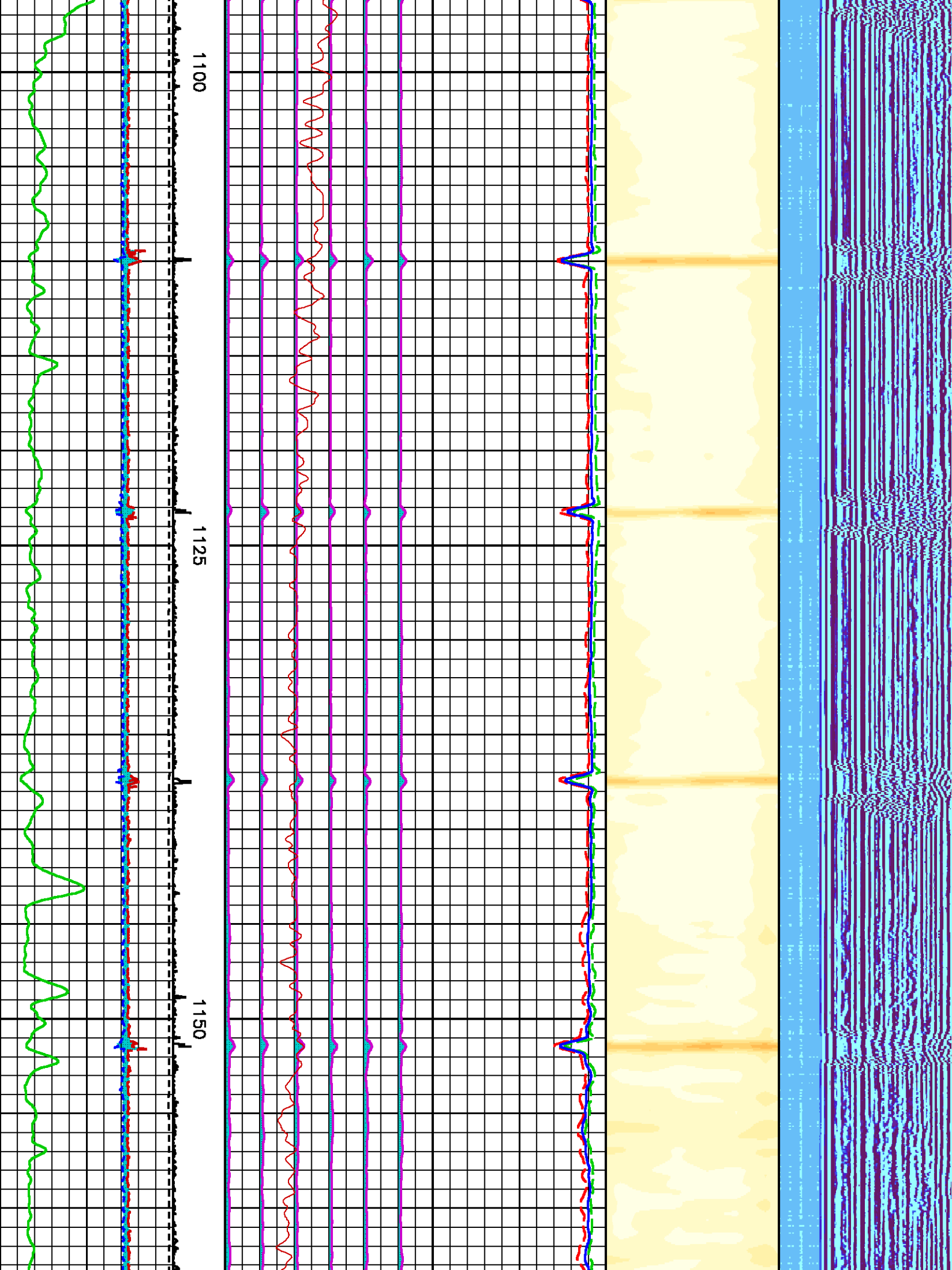


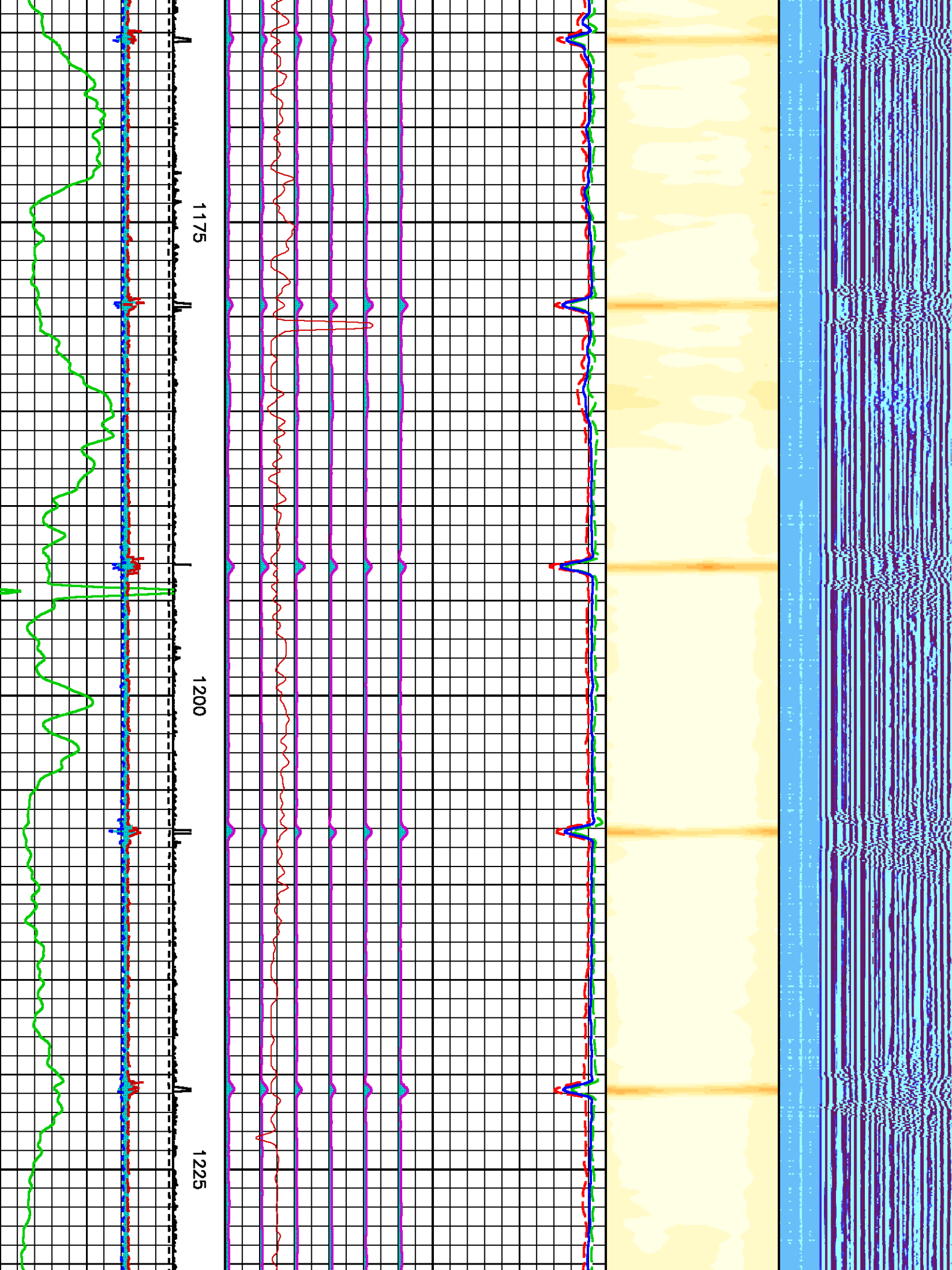


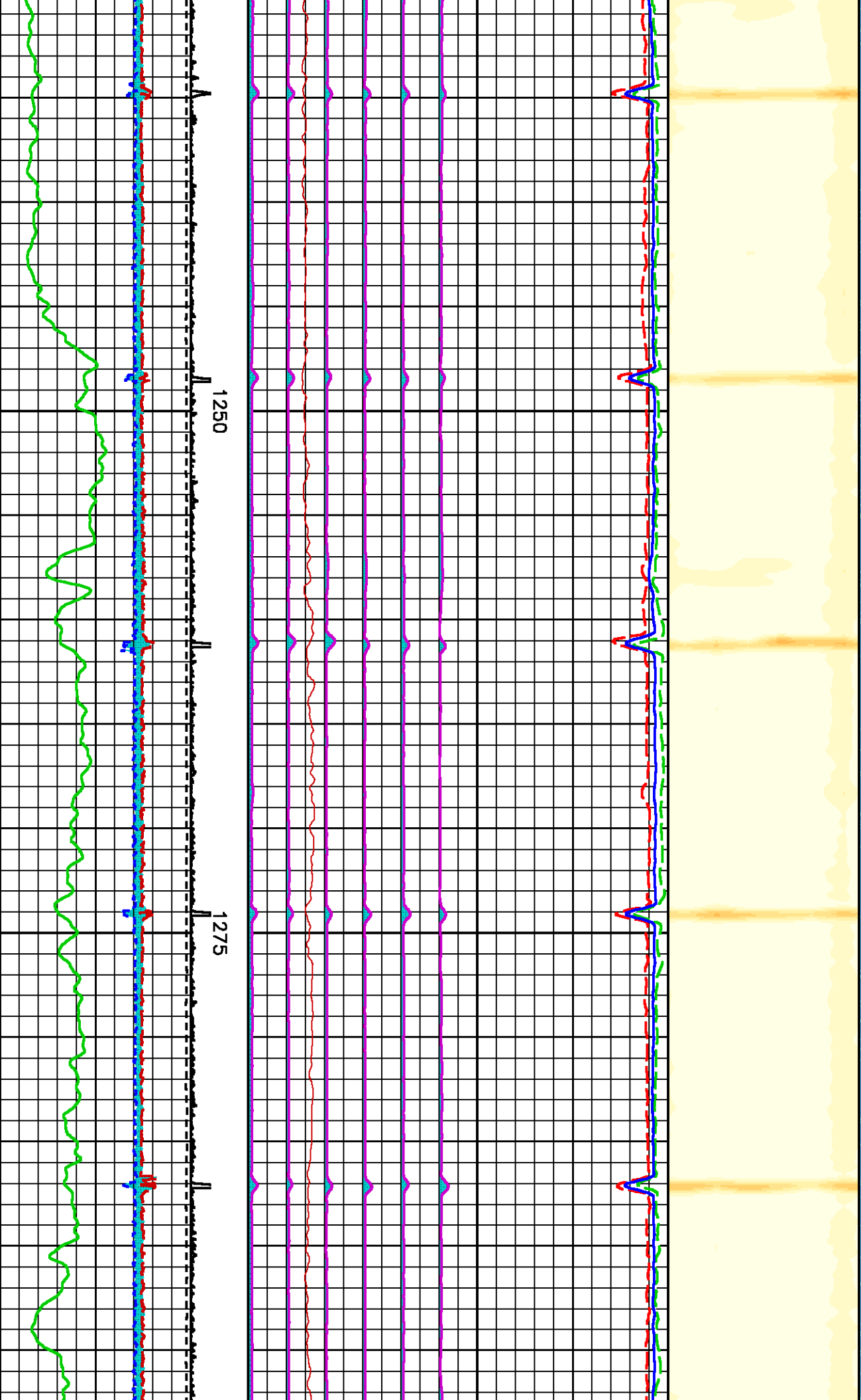


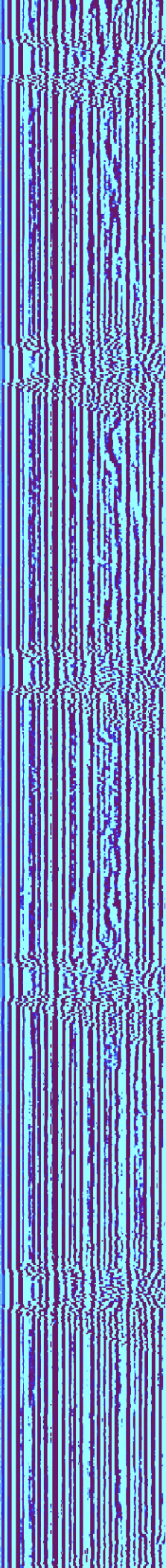




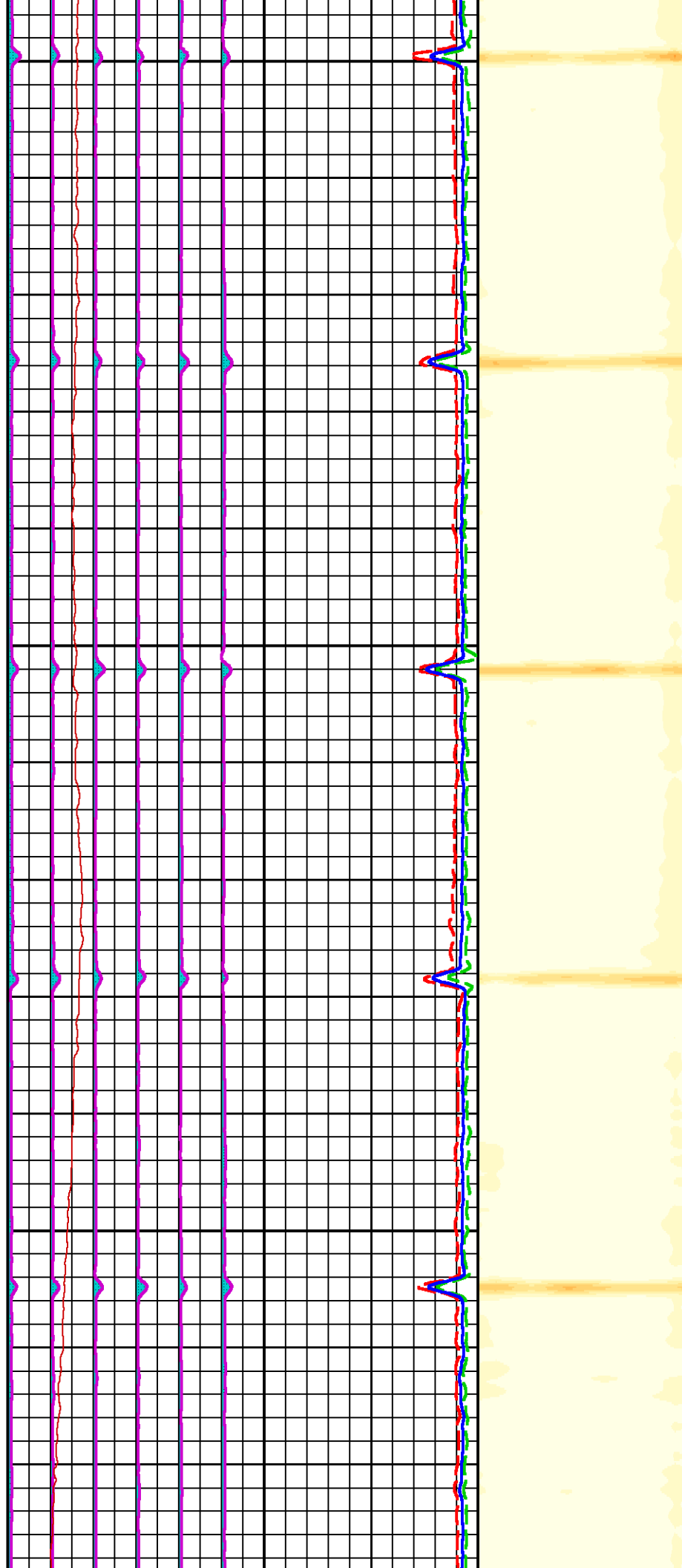




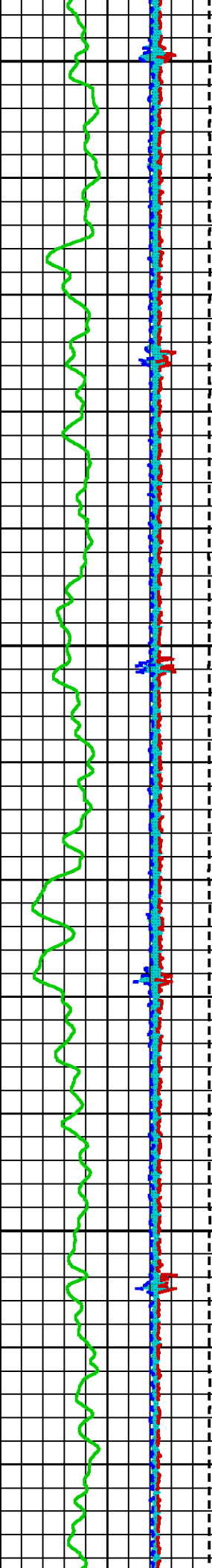


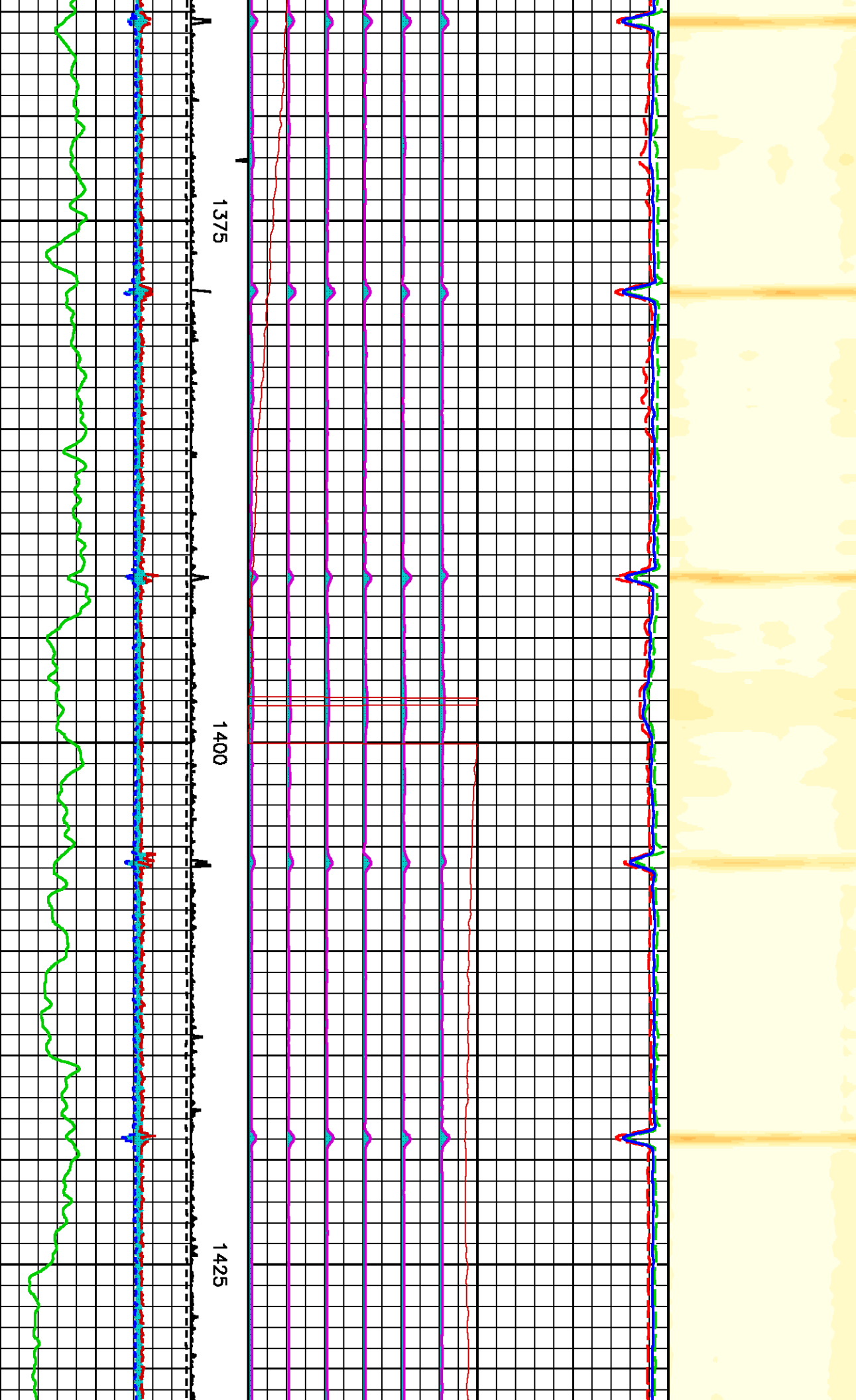


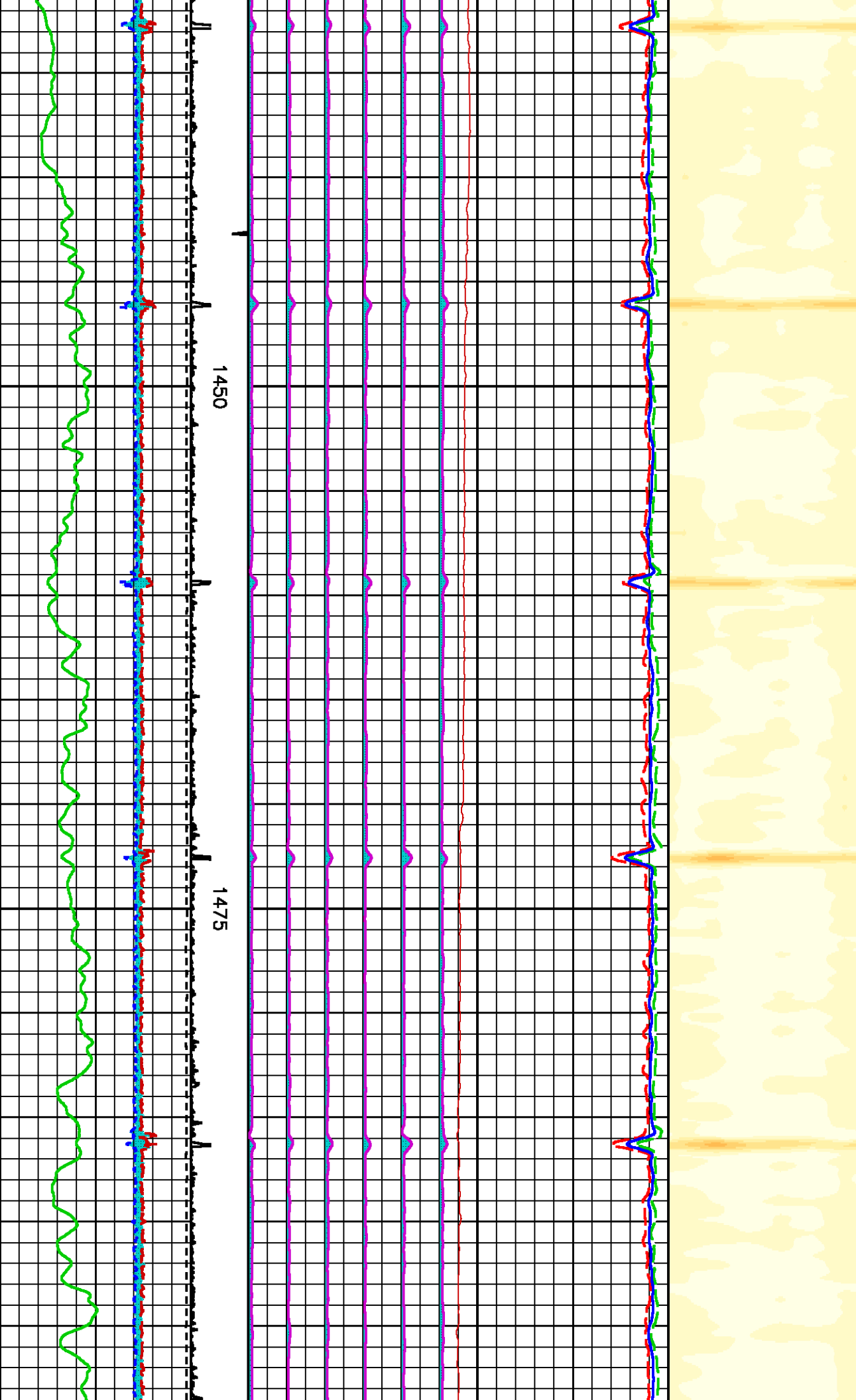
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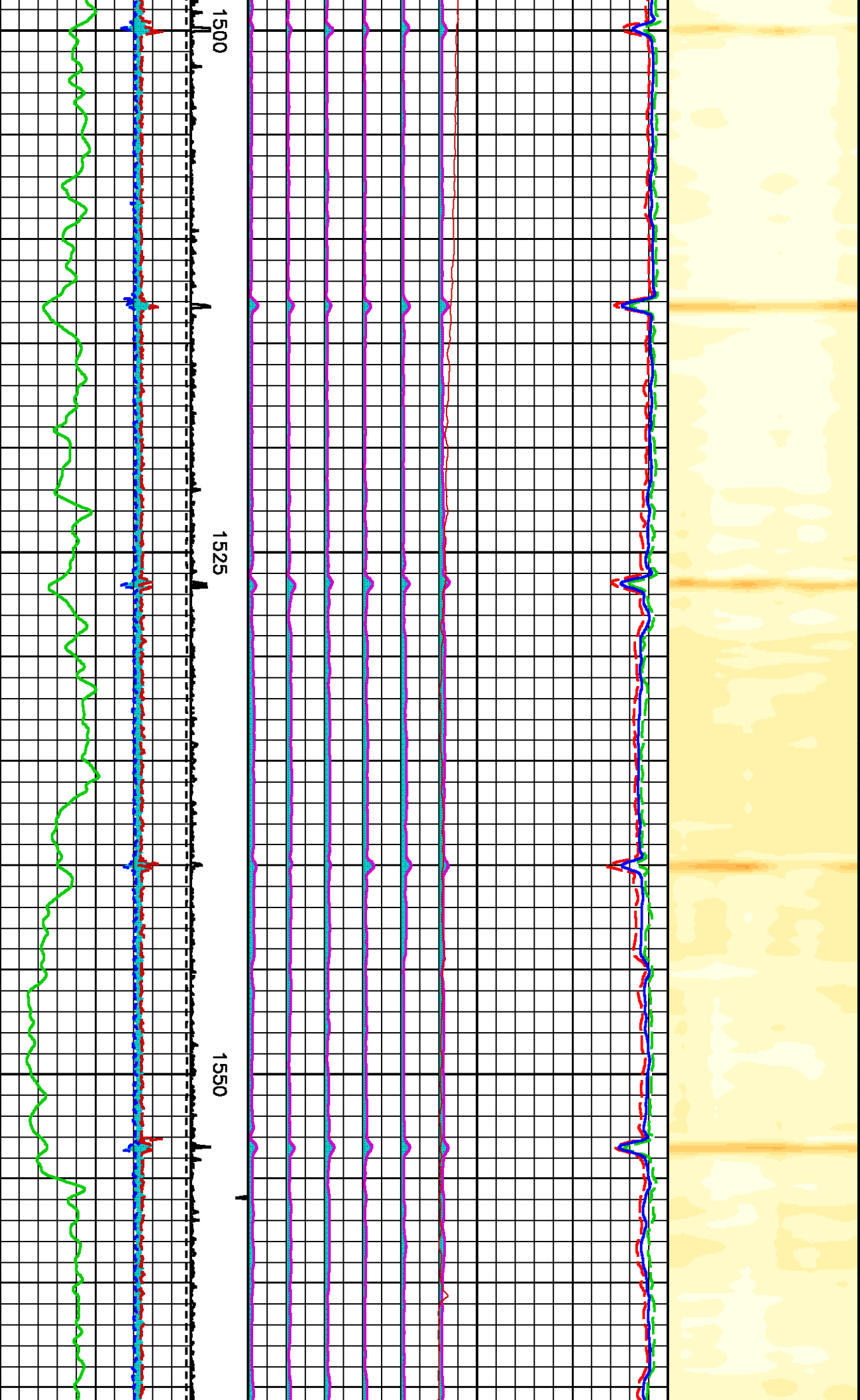


1300 1325 1350









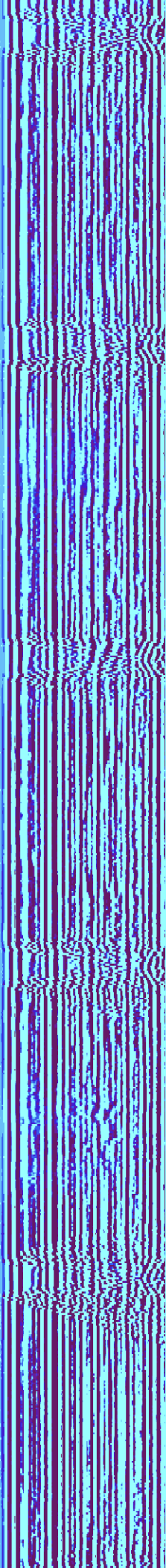
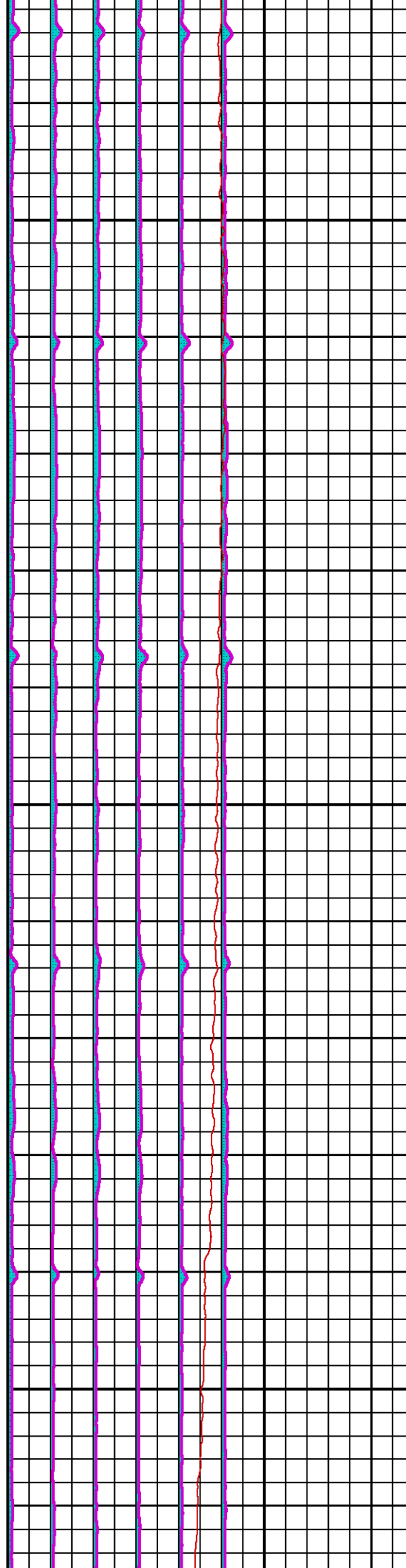
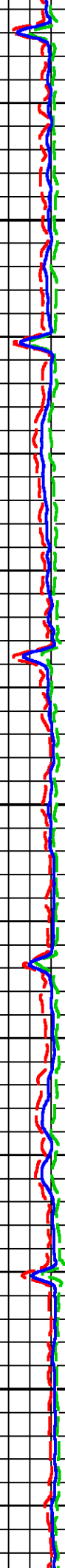


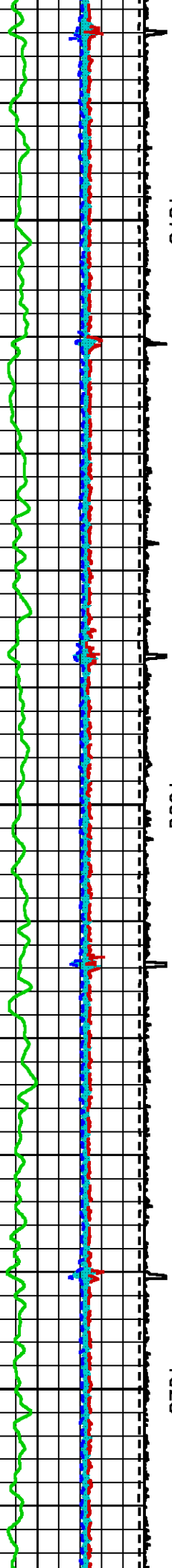
Figure 1: A series of 12 vertical panels, each showing a complex, multi-colored waveform (red, green, blue, magenta) plotted against a black background. The waveforms appear to be stacked vertically, with each panel showing a different segment or channel of the data.

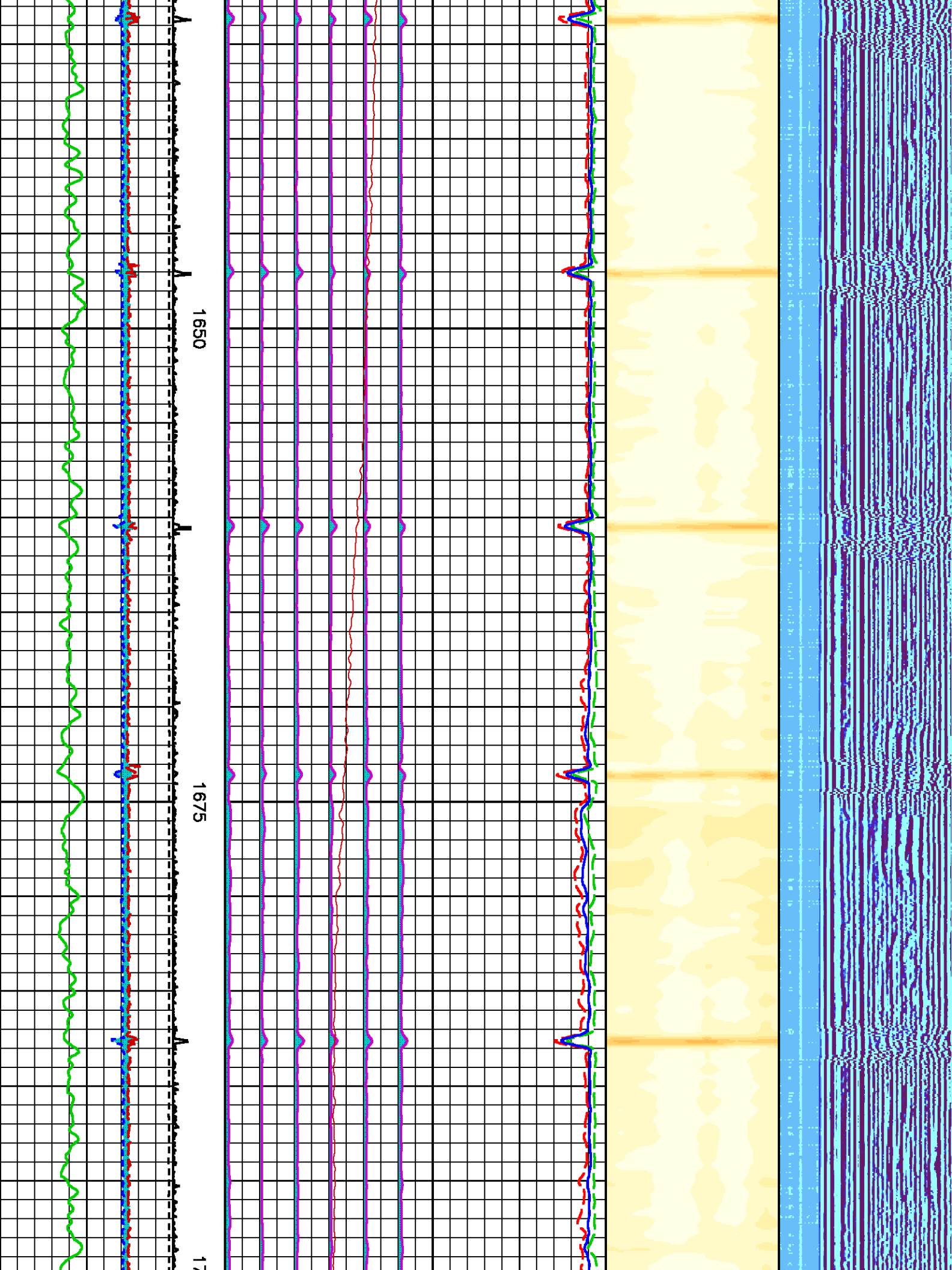


1575

1600

1625





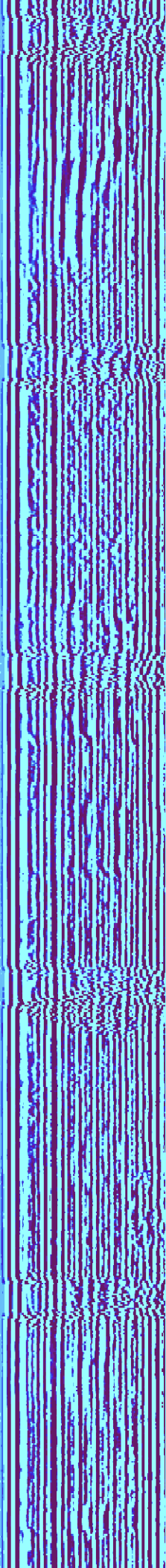
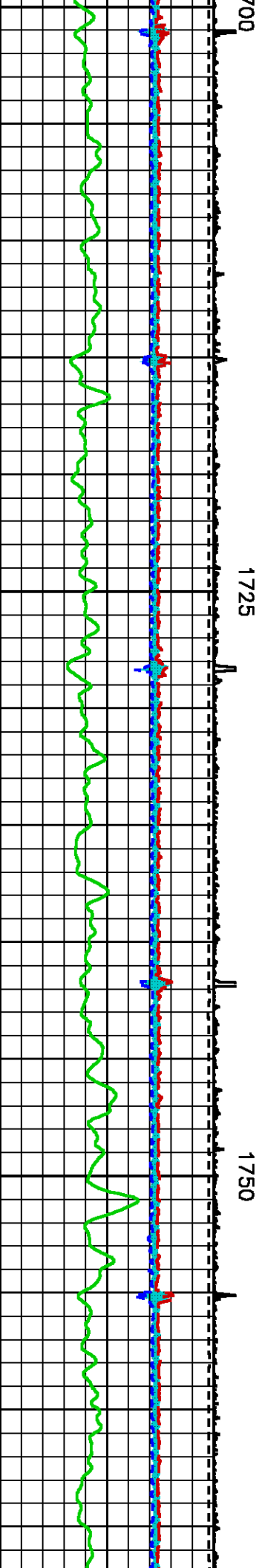
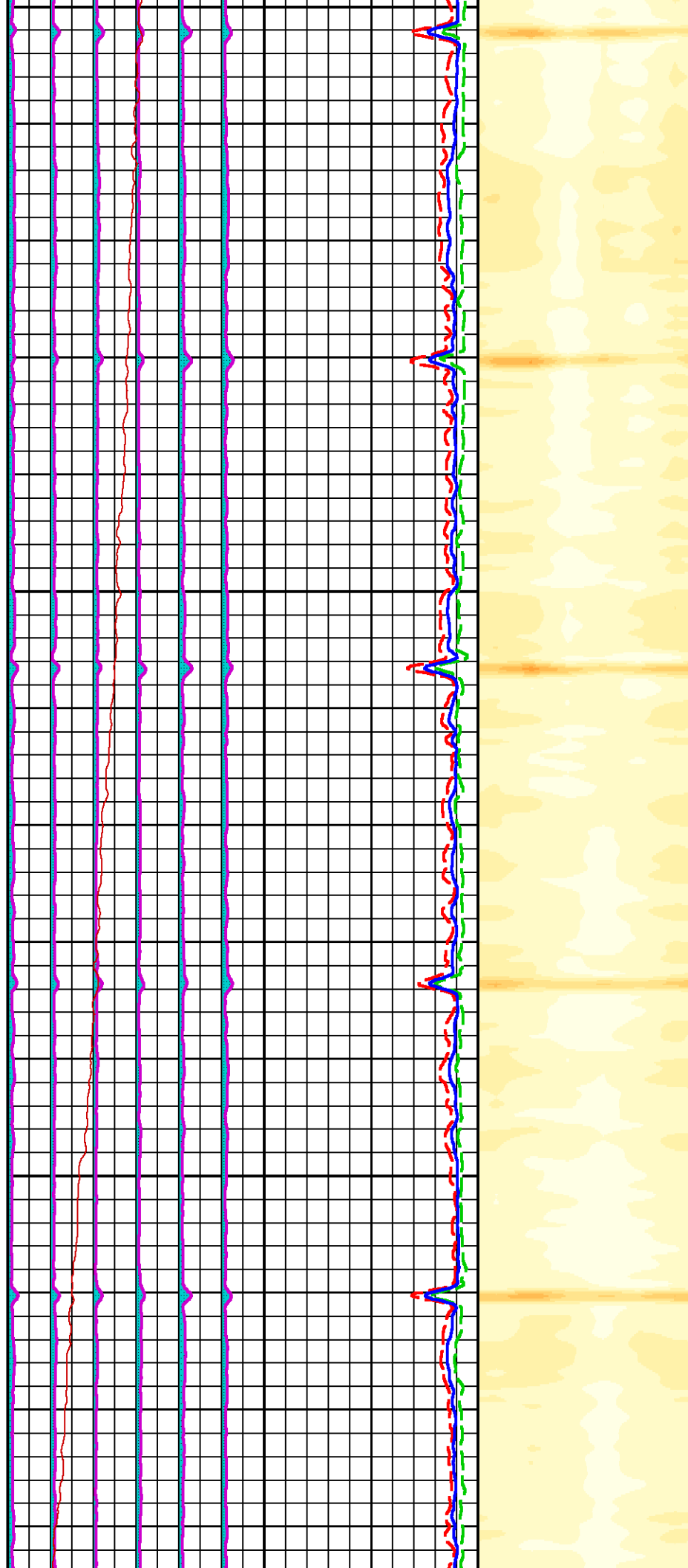
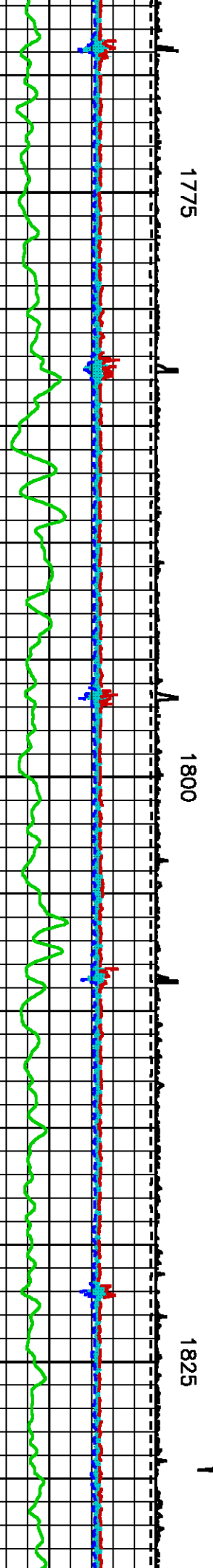
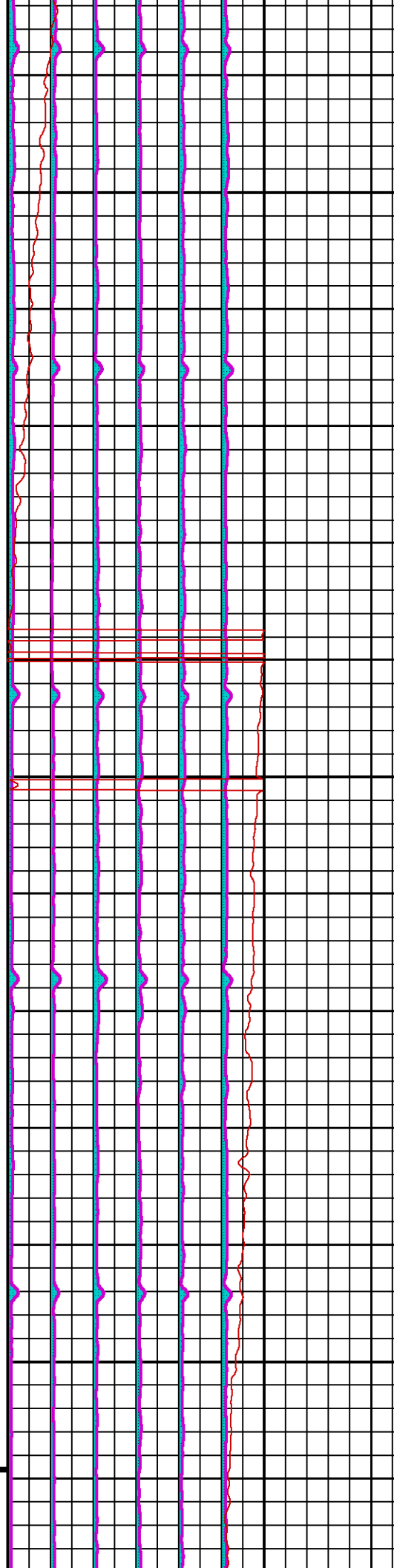
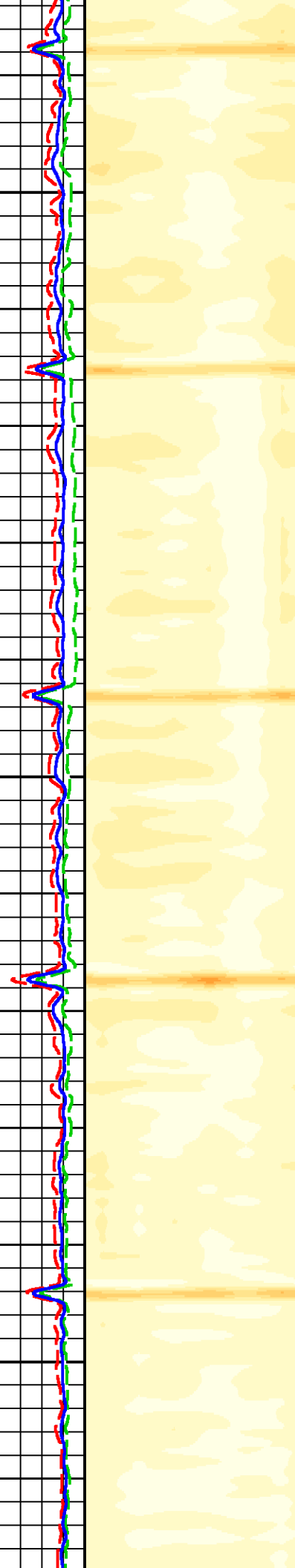
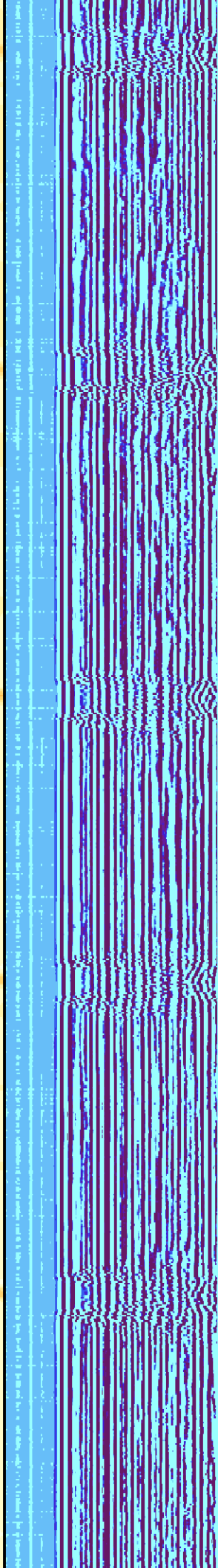
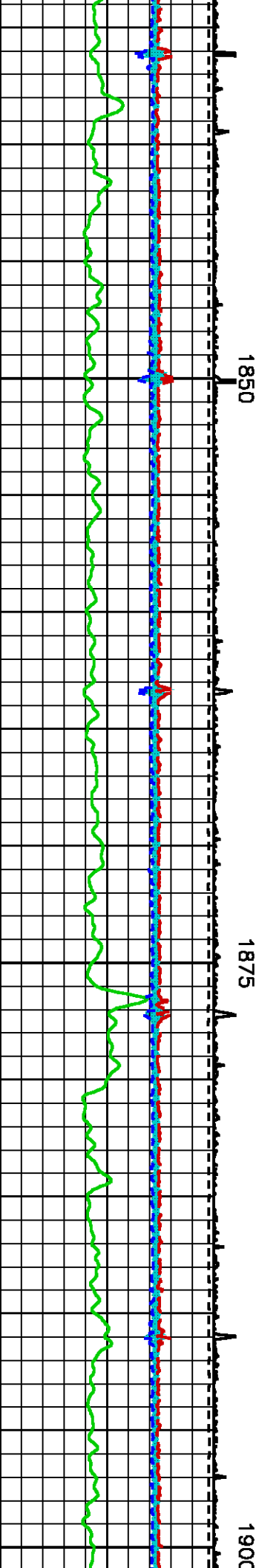
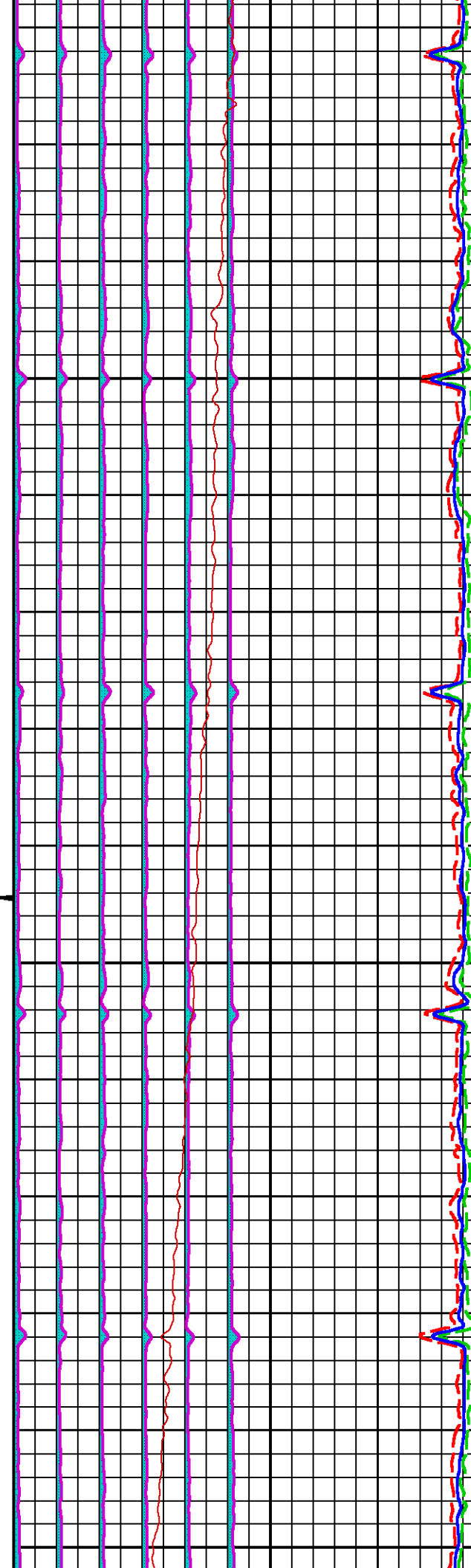
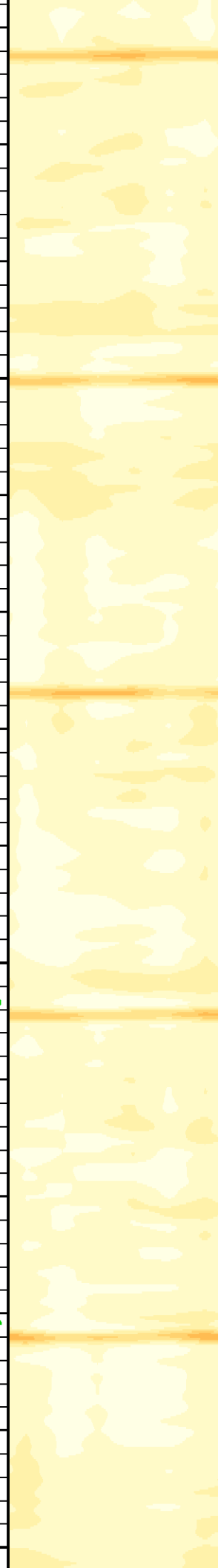
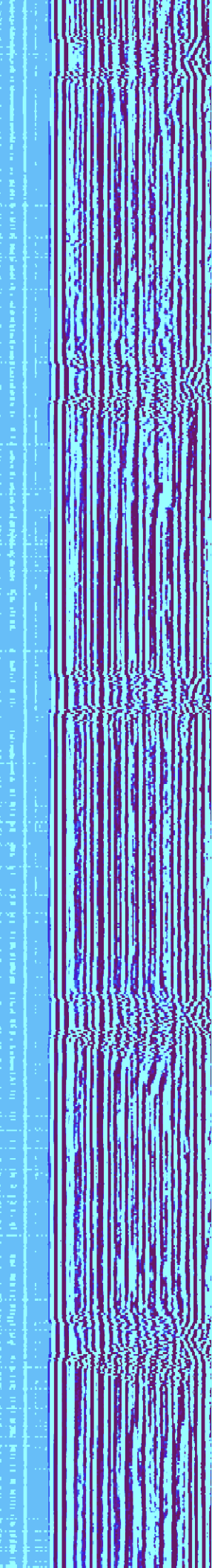
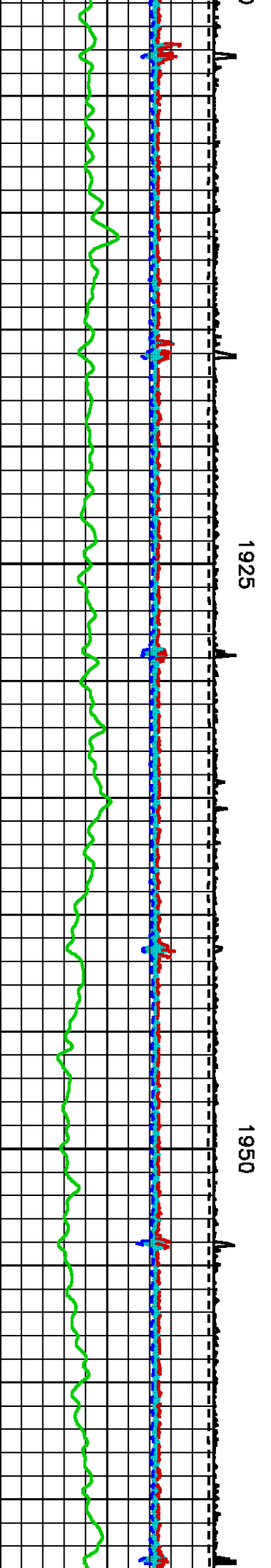
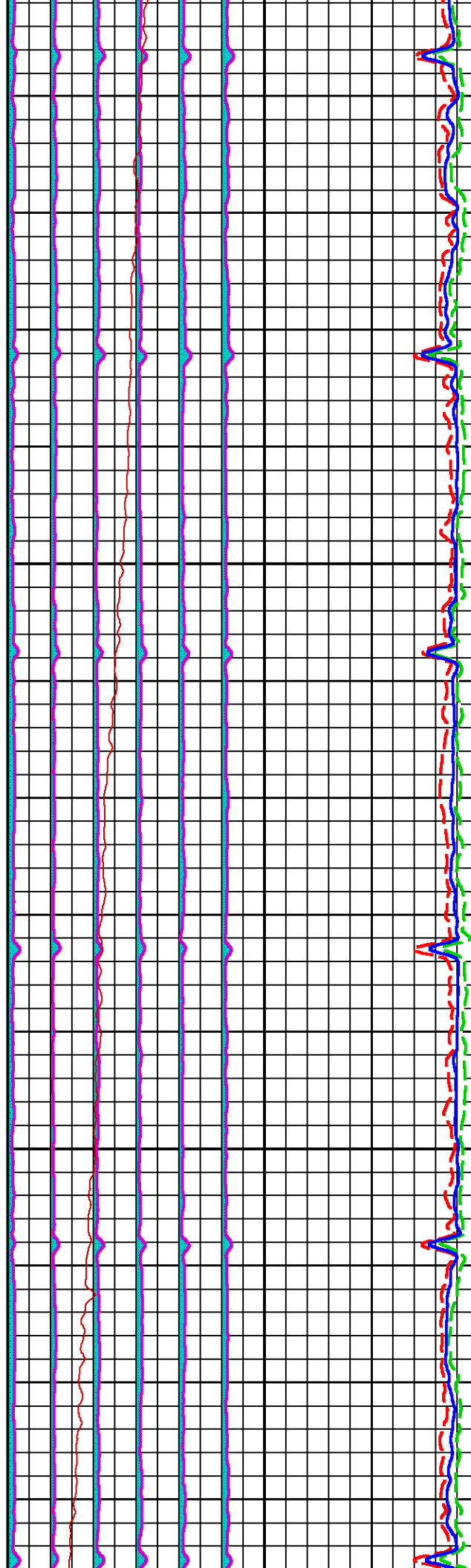
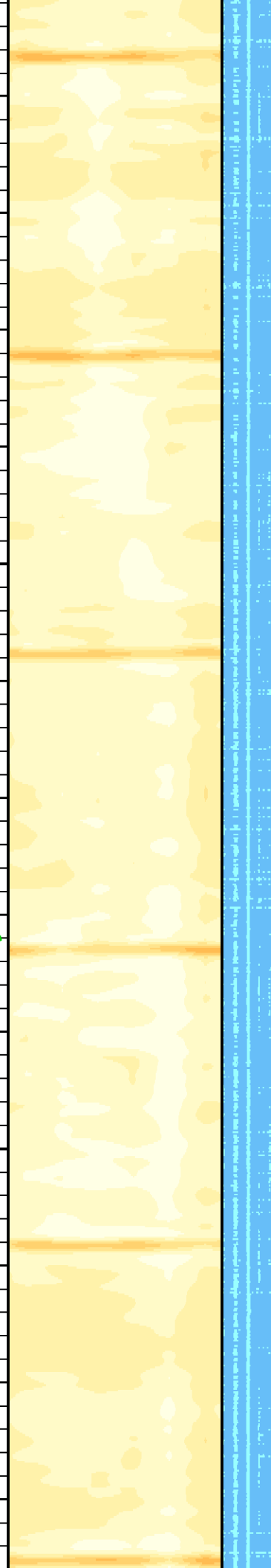
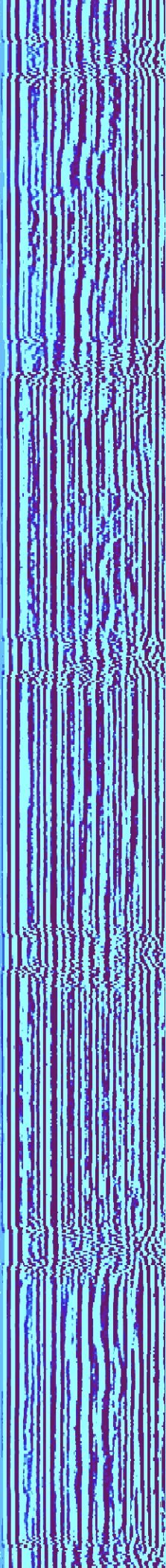


Figure 1: A 2D heatmap visualization of a spectral or spatial distribution. The color scale ranges from dark blue (low intensity) to bright yellow (high intensity). The plot shows a series of vertical, slightly wavy bands of varying intensity, suggesting a periodic or quasi-periodic structure. The background is a light yellow, and the bands are more concentrated in the center of the plot.









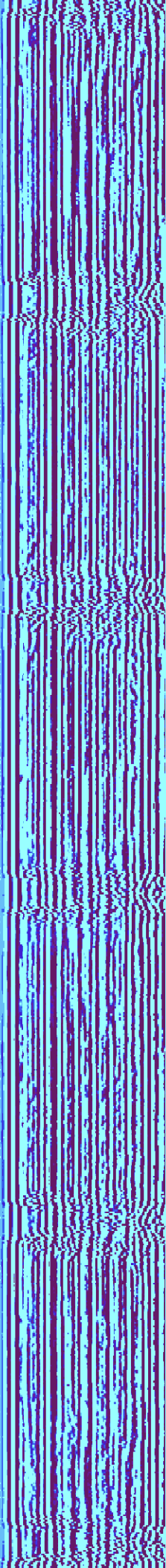


Figure 1: Time series plots of the variable 'Y' from 1975 to 2025. The plots show the variable 'Y' on the y-axis and time on the x-axis. The variable 'Y' is measured in units of 'Y'.

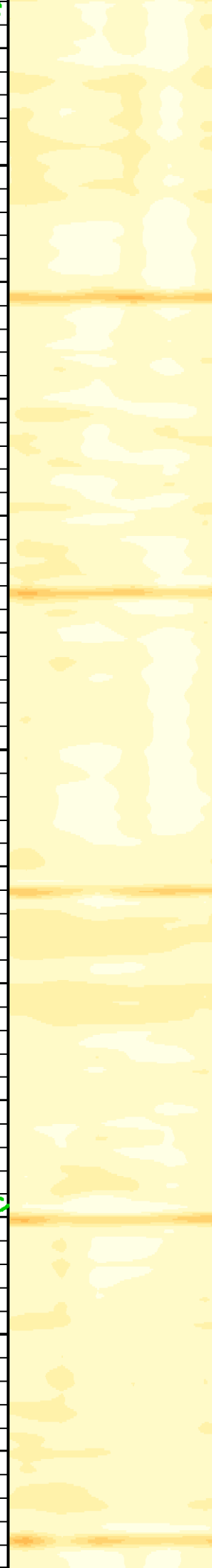


Figure 2: Time series plots of the variable 'Y' from 1975 to 2025. The plots show the variable 'Y' on the y-axis and time on the x-axis. The variable 'Y' is measured in units of 'Y'.

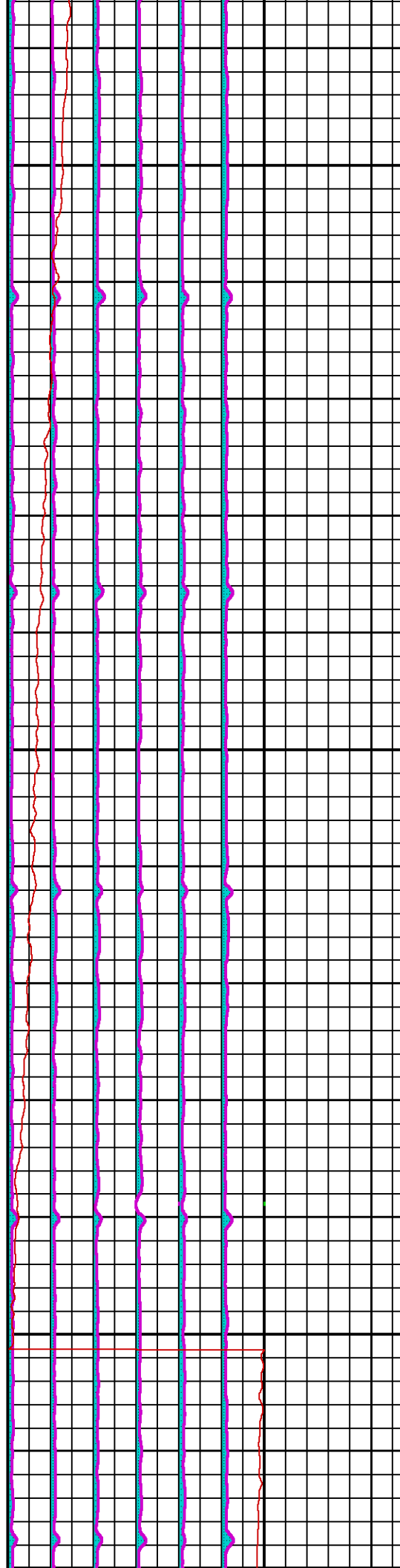
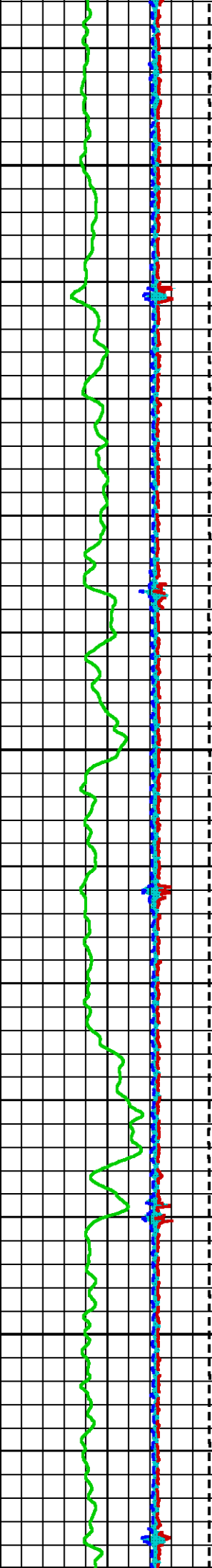
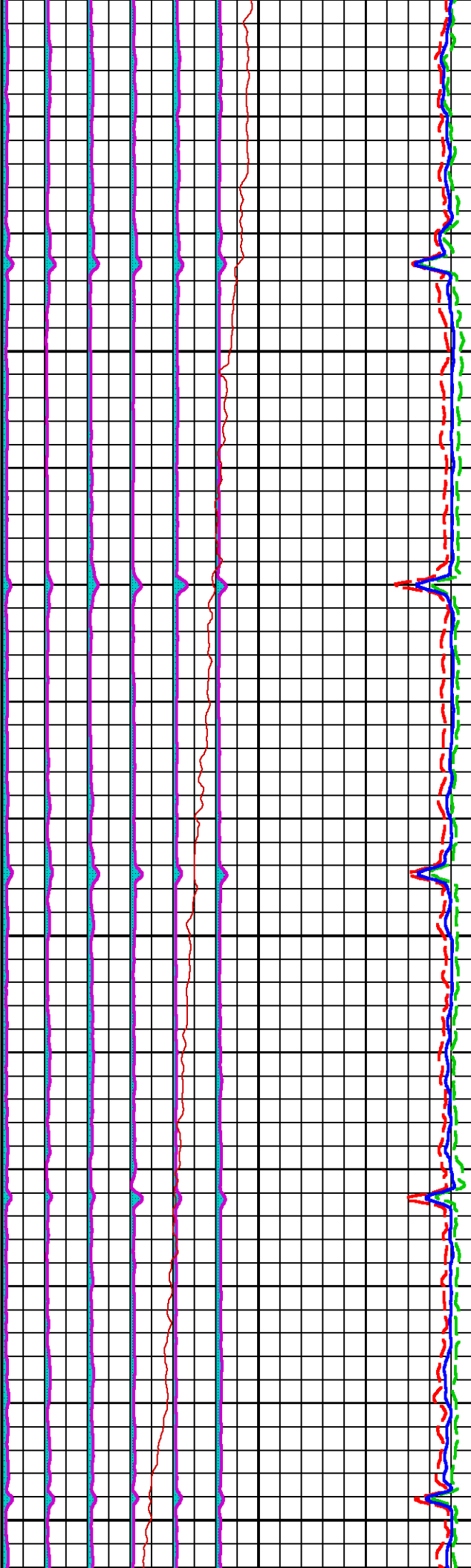
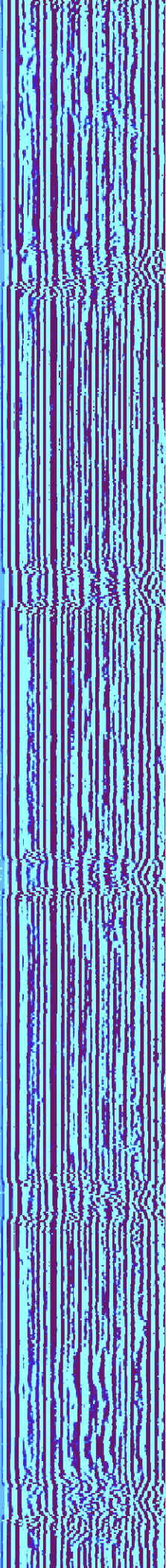


Figure 3: Time series plots of the variable 'Y' from 1975 to 2025. The plots show the variable 'Y' on the y-axis and time on the x-axis. The variable 'Y' is measured in units of 'Y'.

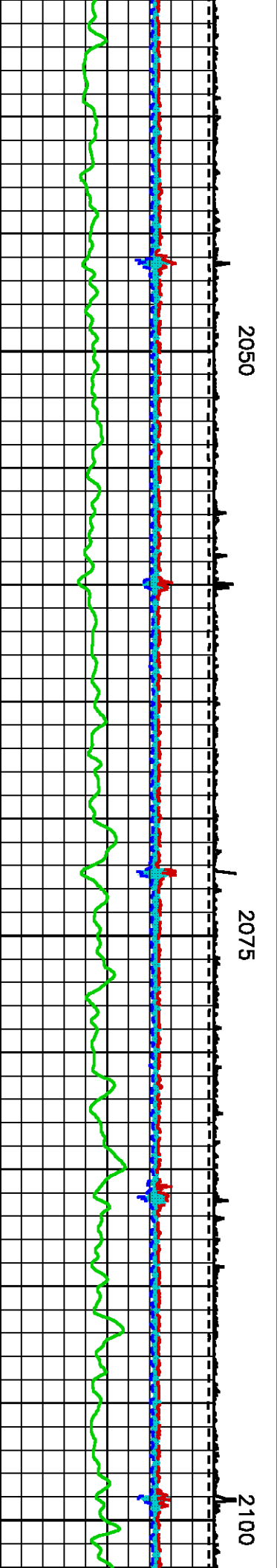


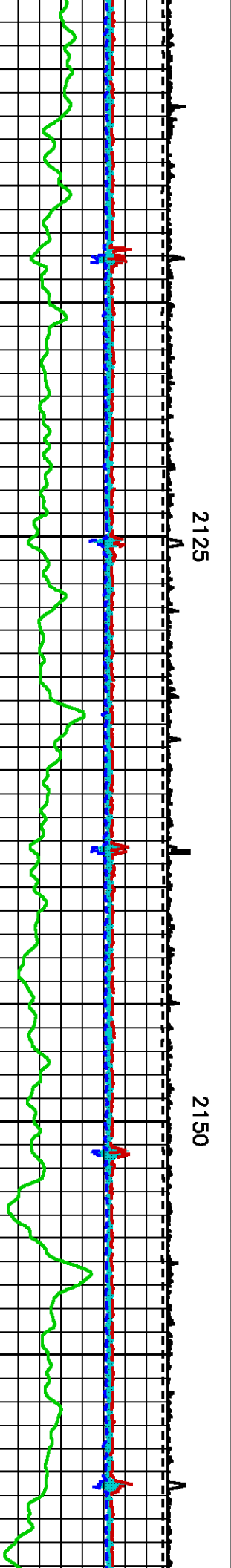
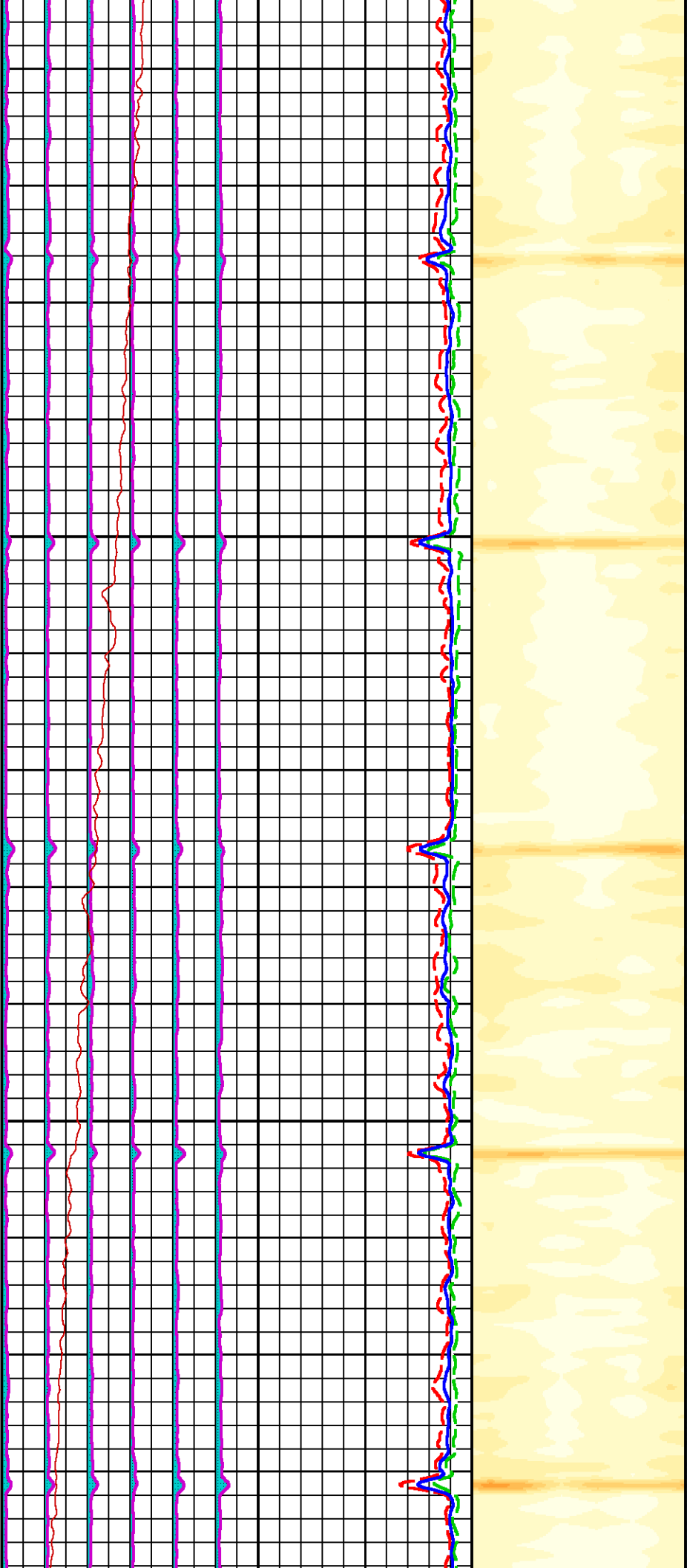
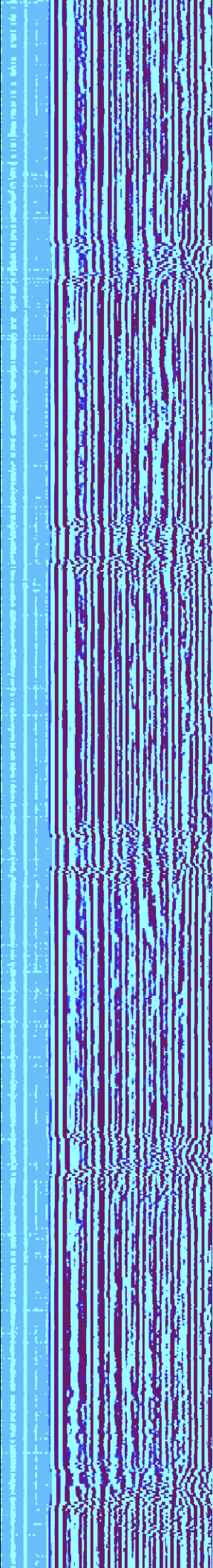


2050

2075

2100





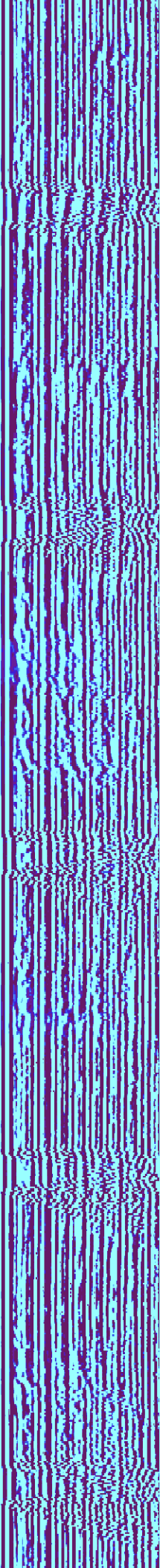
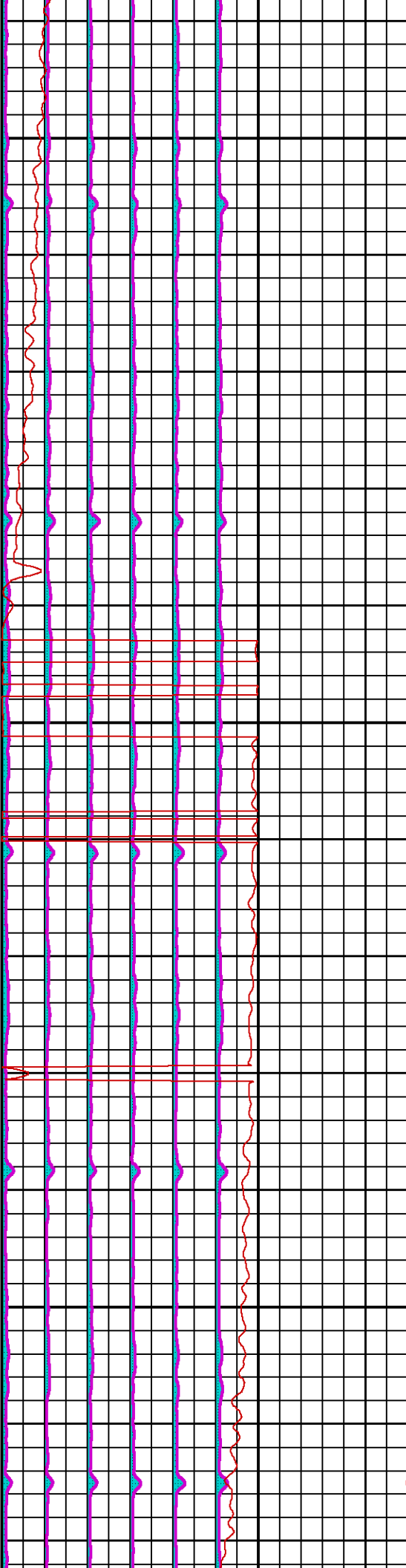


Figure 1: Seismic waveforms for station 1. The figure displays 12 vertical panels, each showing multiple colored traces (red, green, blue, black) representing different seismic components or stations. The waveforms show high-frequency oscillations, with some panels showing more pronounced peaks and troughs than others.



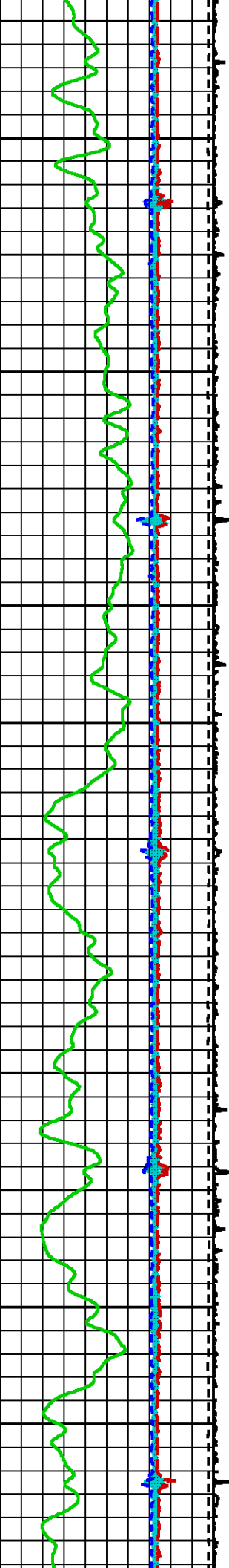
Figure 2: Seismic waveforms for station 2. The figure displays 12 vertical panels, each showing multiple colored traces (red, green, blue, black) representing different seismic components or stations. The waveforms show high-frequency oscillations, with some panels showing more pronounced peaks and troughs than others.

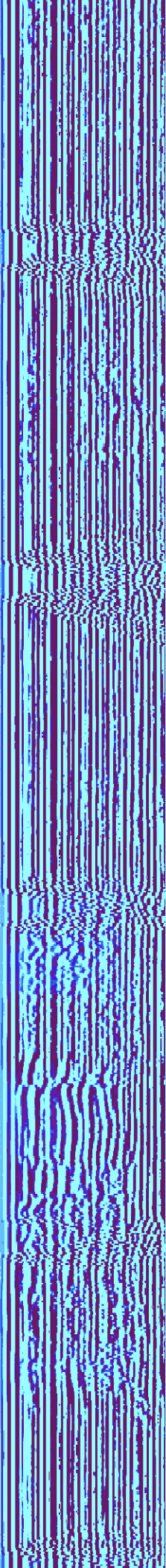


2175

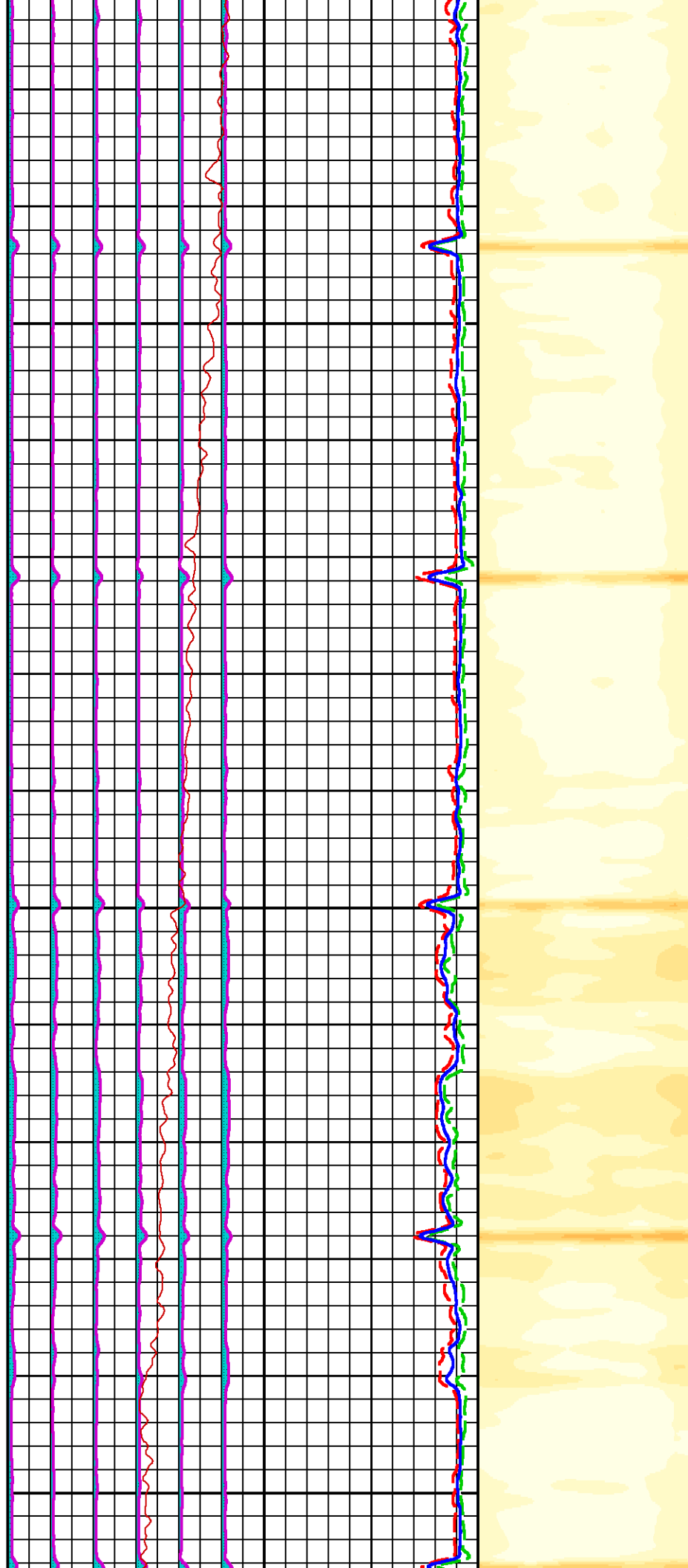
2200

2225





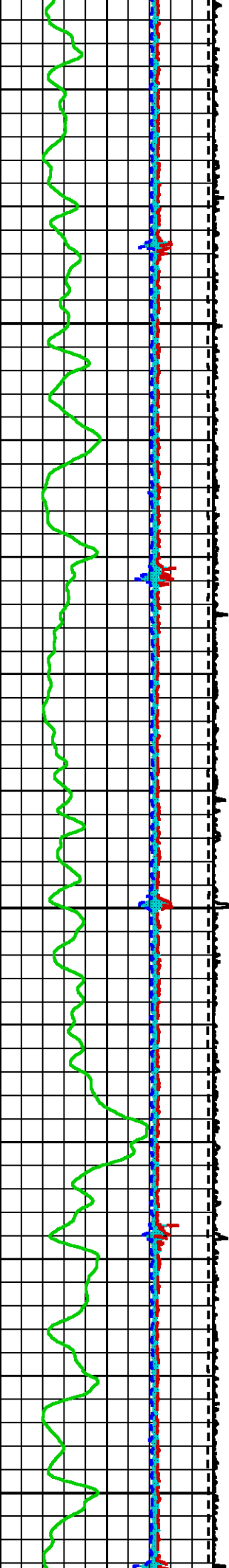
12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM 12/11/2019 10:10:10 AM

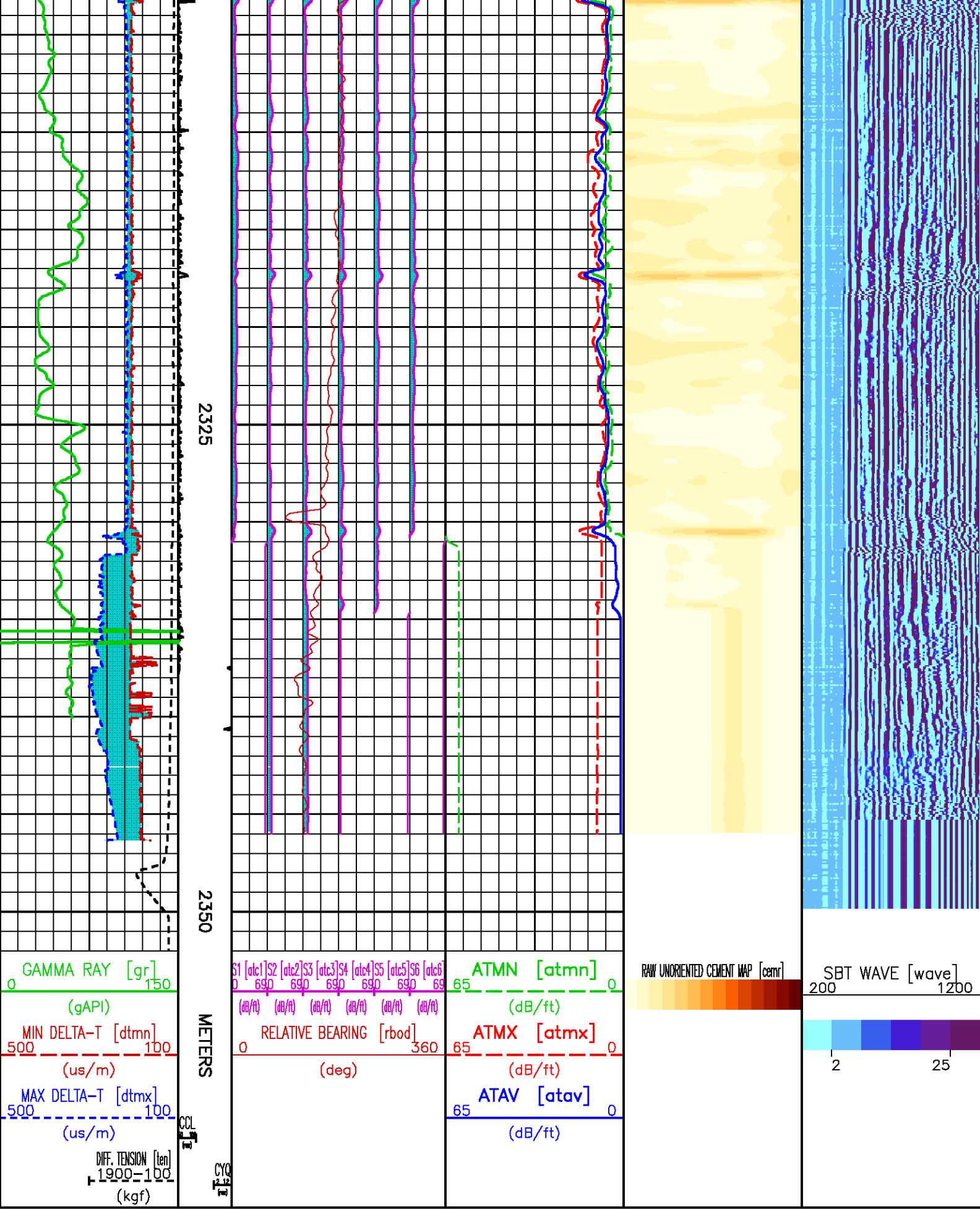


2250

2275

2300





REPEAT LOG

ECLIPS 6.0i Feb 21, 2008
Patches: 1,3,4

Sun Aug 24 08:54:10 2008

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.24

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pd1/k331eR03.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 2100.072 m BOTTOM DEPTH: 2338.578 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
SBT	FILTER ()	medium (1)		"	"
TENSION	FILTER ()	medium (1)		"	"

SBT PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
SBT	CASING OD	139.700	mm	TOP	BOTTOM
	CASING WT	25.299	kg/m	"	"
	CORR. FACTOR 1	0.000	dB/ft	"	"
	CORR. FACTOR 2	0.000	dB/ft	"	"
	CORR. FACTOR 3	0.000	dB/ft	"	"
	CORR. FACTOR 4	0.000	dB/ft	"	"
	CORR. FACTOR 5	0.000	dB/ft	"	"
	CORR. FACTOR 6	0.000	dB/ft	"	"
	SPACING	0.192	m	"	"
	SPREADING FACTOR	4.755	dB/ft	"	"
	CEMENT STRENGTH	17237	kPa	"	"
	HI CUTOFF	10.379	dB/ft	"	"
	LOW CUTOFF	3.149	dB/ft	"	"

SBT NORMALIZATION RESULTS

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS
SBT	CORR. FACTOR1	-3.138	dB/m
	CORR. FACTOR2	0.266	dB/m
	CORR. FACTOR3	1.641	dB/m
	CORR. FACTOR4	3.559	dB/m
	CORR. FACTOR5	-0.642	dB/m
	CORR. FACTOR6	-1.686	dB/m
FILE: /dat1a/pass/pd1/k331eR03.sbt.qc.meta			

CURVE DESCRIPTION REPORT

CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
F1:ATAV	ATAV	Aug 24 08:50:07 2008	AVERAGE ATTENUATION
F1:ATC1	ATC1	Aug 24 08:50:07 2008	ATTENUATION PAD 1
F1:ATC2	ATC2	Aug 24 08:50:07 2008	ATTENUATION PAD 2
F1:ATC3	ATC3	Aug 24 08:50:07 2008	ATTENUATION PAD 3
F1:ATC4	ATC4	Aug 24 08:50:07 2008	ATTENUATION PAD 4
F1:ATC5	ATC5	Aug 24 08:50:07 2008	ATTENUATION PAD 5
F1:ATC6	ATC6	Aug 24 08:50:07 2008	ATTENUATION PAD 6
F1:ATMN	ATMN	Aug 24 08:50:07 2008	ATTENUATION MINIMUM
F1:ATMX	ATMX	Aug 24 08:50:07 2008	ATTENUATION MAXIMUM
F1:CSL	CSL	Aug 24 08:50:07 2008	CASING COLLAR LOCATION

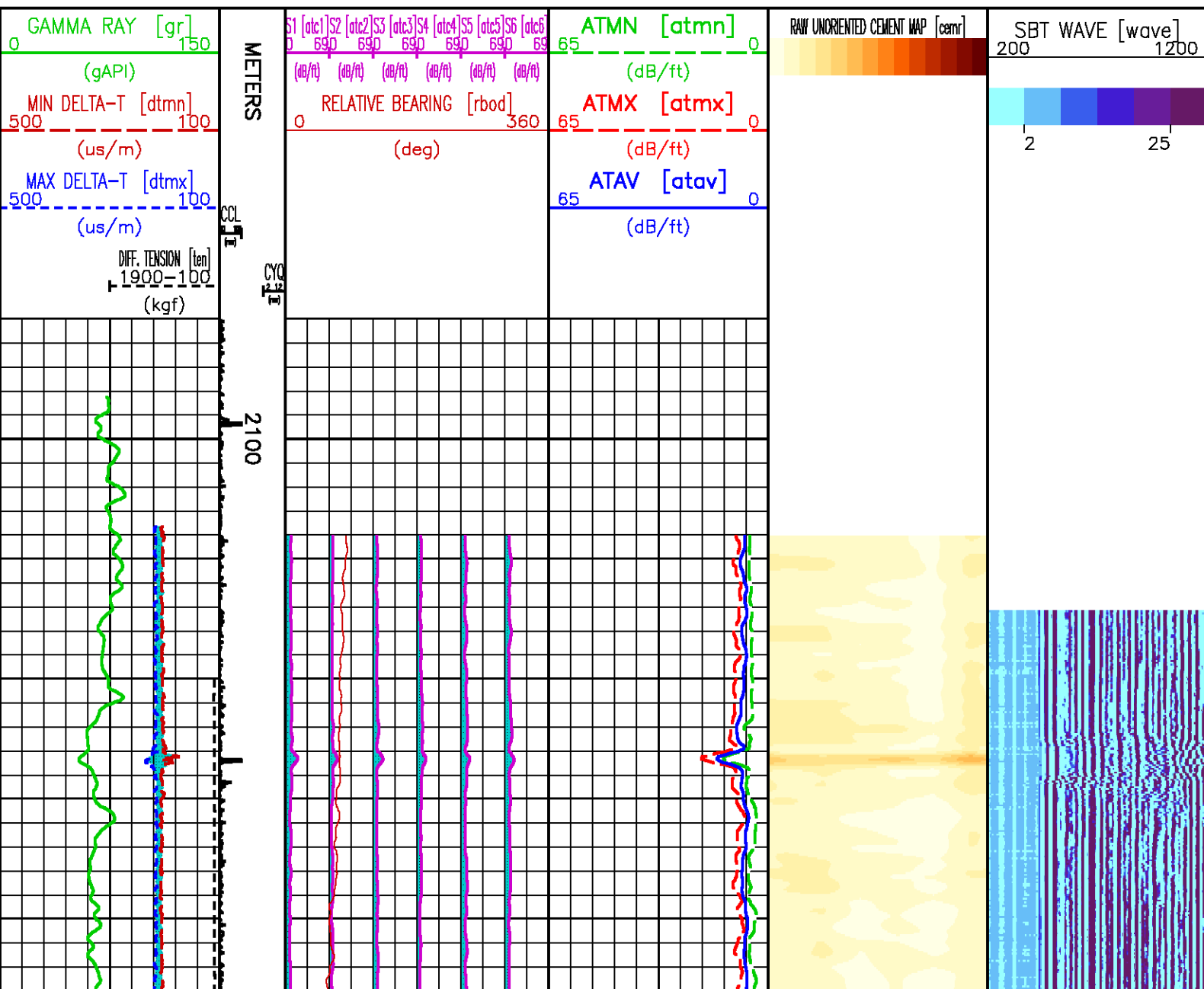
F1:CCL	CCL	Aug 24 08:50:07 2008	CASING COLLAR LOCATOR
F1:CEMR	RAW	Aug 24 08:50:07 2008	CEMENT MAP RAW VALUES
F1:CYQ	CYQ	Aug 24 08:50:07 2008	CYCLE QUALITY
F1:DTMN	DTMN	Aug 24 08:50:07 2008	MINIMAL DELTA-T
F1:DTMX	DTMX	Aug 24 08:50:07 2008	MAXIMAL DELTA-T
F1:GR	GR	Aug 24 08:50:07 2008	GAMMA RAY
F1:RBOD	RBOD	Aug 24 08:50:07 2008	RELATIVE BEARING (RELATIVE TO HIGH SIDE OF BOREHOLE)
F1:TEN	TEN	Aug 24 08:50:07 2008	DIFFERENTIAL TENSION
F1:WAVE	WAVE	Aug 24 08:50:07 2008	250 BYTES DIGITIZED WAVEFORM

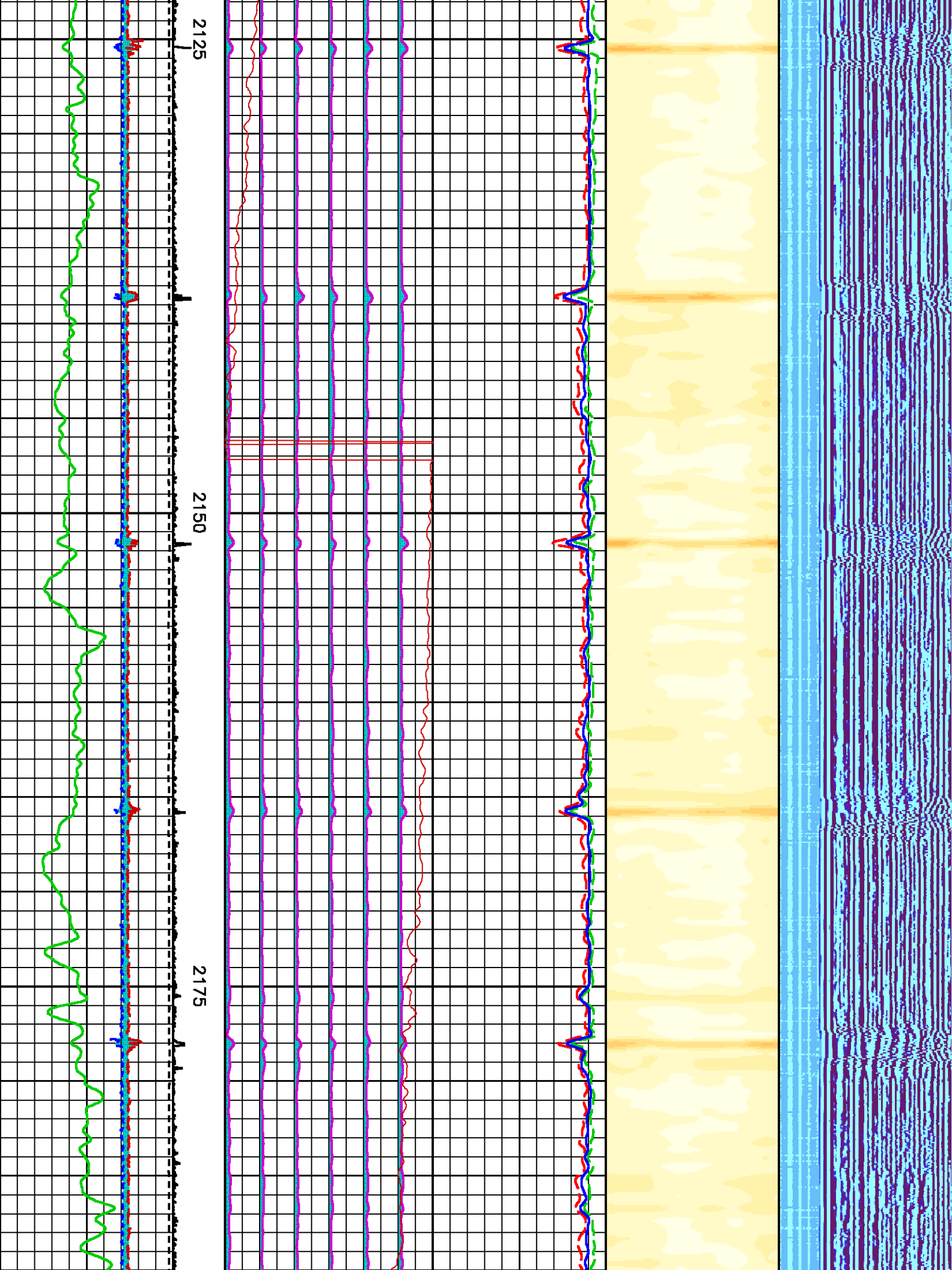
CURVE MEASURE POINT OFFSET

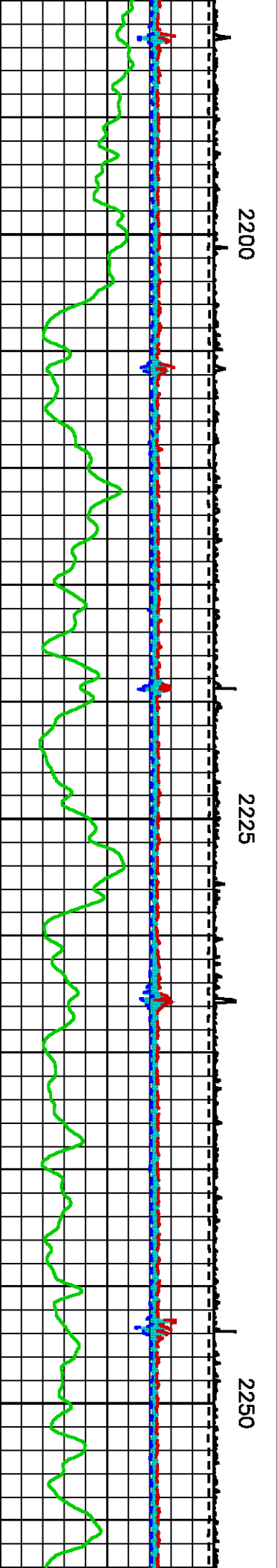
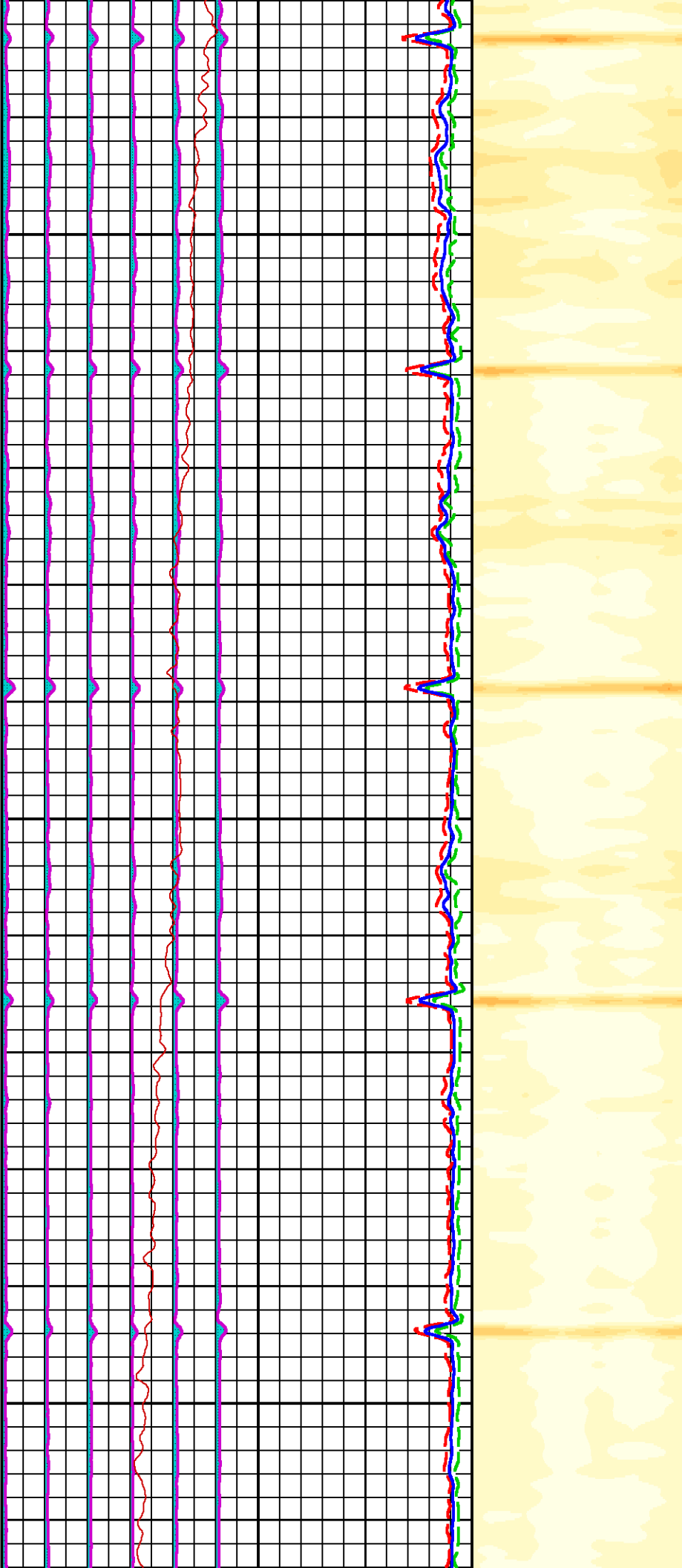
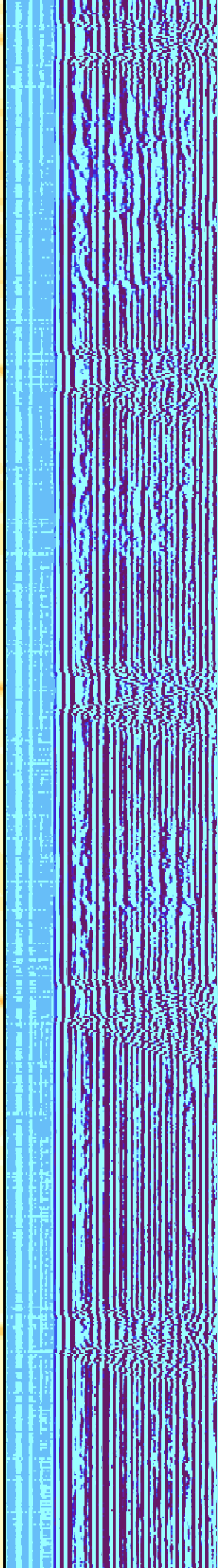
CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
ATAV	6.02	ATC4	6.02	ATMX	6.02	DTMX	6.02
ATC1	6.02	ATC5	6.02	CCL	14.63	GR	11.81
ATC2	6.02	ATC6	6.02	CYQ	6.02	RBOD	6.02
ATC3	6.02	ATMN	6.02	DTMN	6.02	TEN	0.00

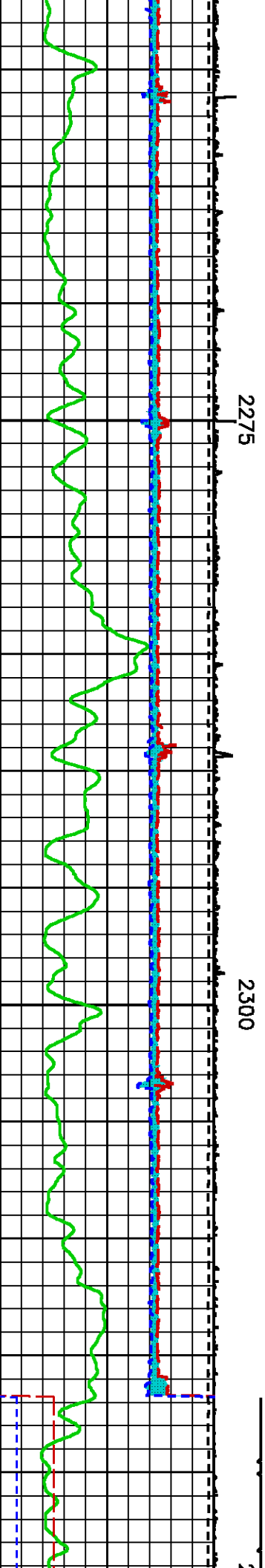
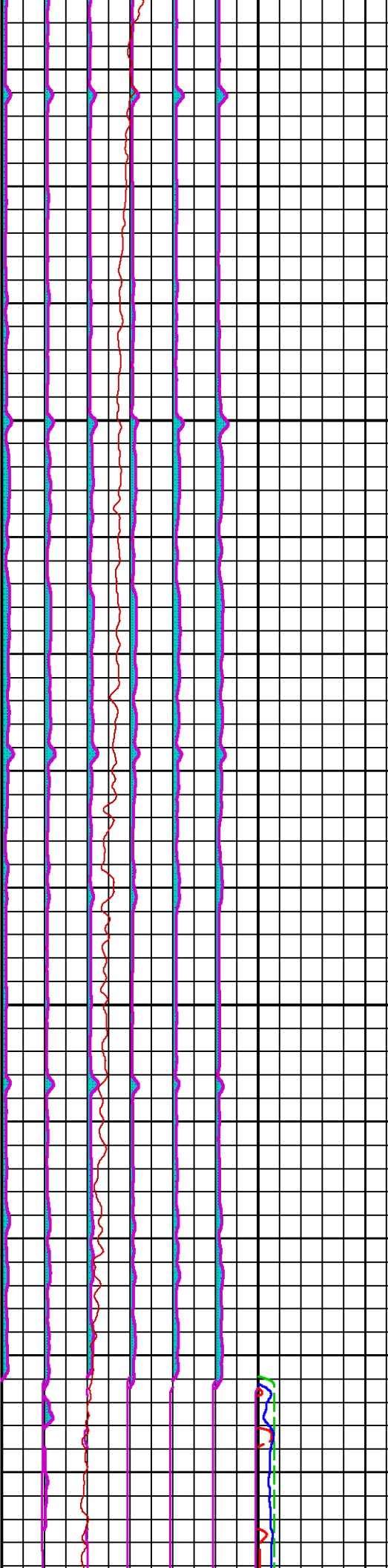
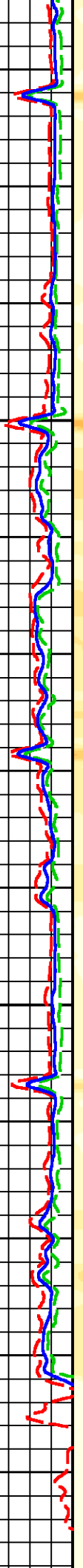
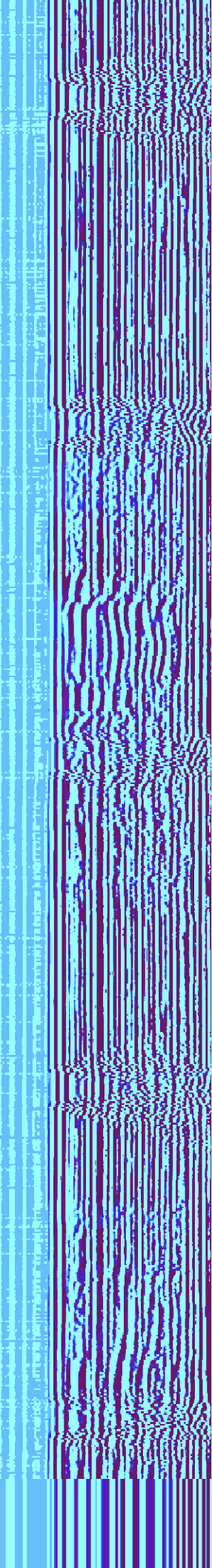
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Plot Interval : 2095.04 - 2349.7 Meters

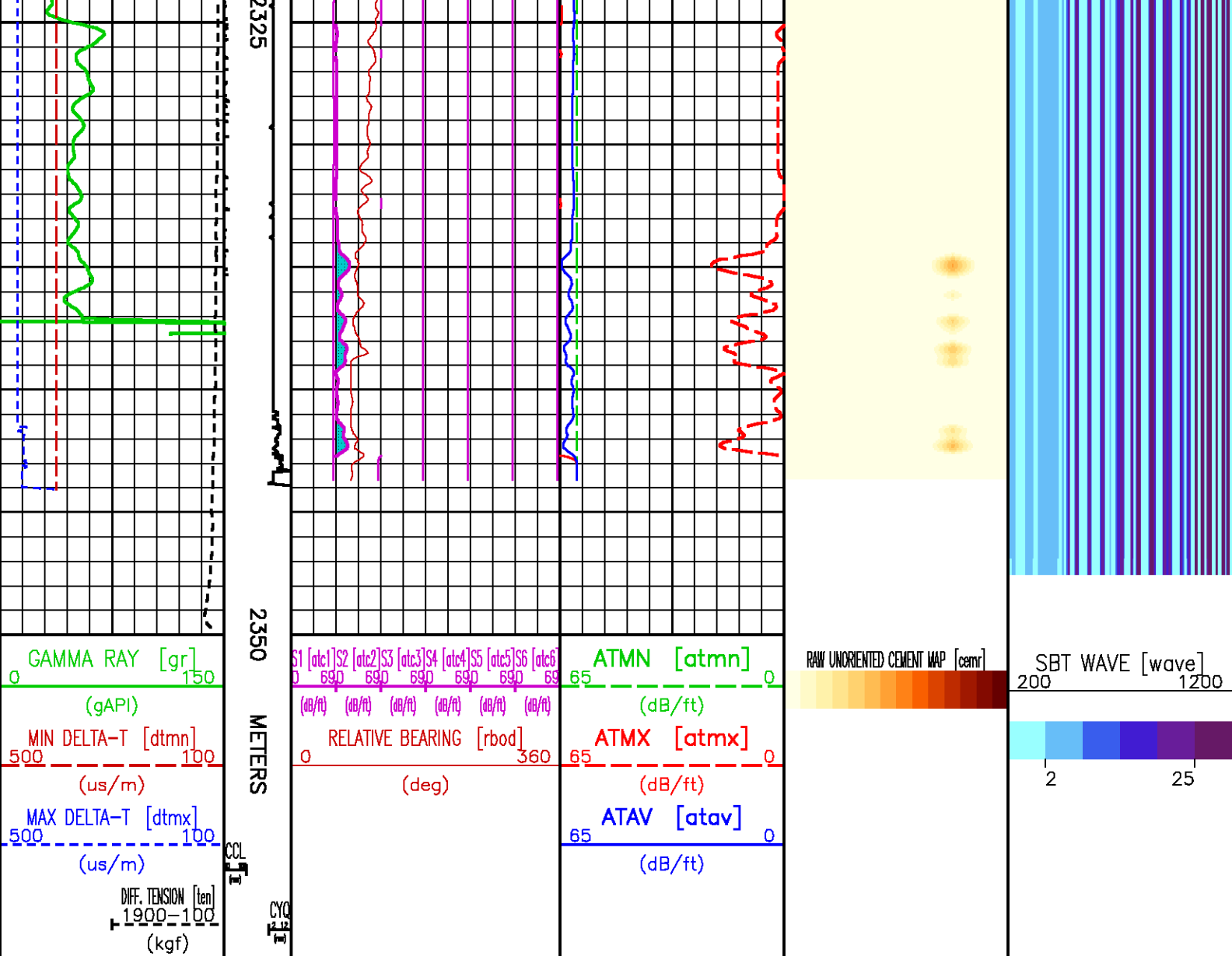
Data File 1 : F1 : cpu1:/dat1a/pass/pdl/k331eR03.aff
Created On : Aug 24 08:50:07 2008
Company : PDI PRODUCTION
Well : PORT AU PORT #1
Field : PORT AU PORT
File Interval : 2095.04 - 2350.08 Meters
Oct : k331e











CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/pass/pdl/sbt.lp1

RB PRIMARY CALIBRATION SUMMARY

TOOL #: 1424XA 118056

DATE/TIME PERFORMED: Sat Aug 23 12:15:59 2008

UNIT #: 3880TB 006558

	X-ATT (raw)	Y-ATT (raw)	OFFSET (deg)	X-MAX	Y-MAX	RB (deg)
PAD 2	-77.4	-441.4				0.00
						355.00 5.00
PAD 3	-413.2	-156.8				59.46

-79.85

-439.31

448.41

55.00 65.00

RB BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1424XA 118056 DATE/TIME PERFORMED: Sat Aug 23 12:20:09 2008 DAYS SINCE CAL: 0

UNIT #: 3880TB 006558

	X-ATT (raw)	Y-ATT (raw)	RB (deg)
PAD 3	-414.2	-158.2	59.3
			55.0 65.0
PAD 4	-328.0	282.2	120.0
			115.0 125.0
PAD 5	88.5	410.8	182.2
			175.0 185.0
PAD 6	395.9	131.5	241.8
			235.0 245.0
PAD 1	311.3	-297.4	303.0
			295.0 305.0
PAD 2	-99.2	-434.3	3.0
			355.0 5.0

SBT PRIMARY CALIBRATION SUMMARY

TOOL #: 1424XA 118056 DATE/TIME PERFORMED: Sat Aug 23 12:21:38 2008

UNIT #: 3880TB 006558

	PAD 1	PAD 2	PAD 3	PAD 4	PAD 5	PAD 6
NOISE LEVEL	3.0	1.8	2.5	2.1	1.8	2.6
	10.0	10.0	10.0	10.0	10.0	10.0
PAD SENS	271.0	246.4	224.6	328.0	225.1	309.0
	90.0	90.0	90.0	90.0	90.0	90.0



COMPANY PDI PRODUCTION INC.
WELL G.H.S. PAP #1 ST#2
FIELD GAURDIAN HILLS SOUTH
PROVINCE NEWFOUNDLAND

FILE NO:

API NO:

LOCATION:

ELEVATIONS:

KB 219.5 M

DF

GL 212.2 M

LAT 59-13-35.319 W LONG 48-29-21.326 N

DATE 24-AUG-2008

Baker Atlas



