



Baker Atlas



FILE NO:	COMPANY	NALCOR ENERGY INC.	
API NO:	WELL	NALCOR ET AL FINNEGAN #1	
	FIELD	FINNEGAN	
	PROVINCE	NEWFOUNDLAND AND LABRADOR	
Ver. 3.87	LOCATION:	OTHER SERVICES	
LICENSE: 2010-128-04	LAT 49.92 N LONG 63.33 W	STAR-GR-3CAL HDIL-GR-XCAL DZDL-CN-GR-XCAL RCI / RCOR / VSP CVL	
PERMANENT DATUM	G.L. ELEVATION	ELEVATIONS:	
LOG MEASURED FROM	K.B. 6.25 M ABOVE P.D.	KB 125.00 M	
DRILL MEAS. FROM	KELLY BUSHING	DF	
		GL 118.75 M	

DATE			02-NOV-2010		
RUN	TRIP		1	1	
SERVICE ORDER			CA208041		
DEPTH DRILLER			2285.0 M		
DEPTH LOGGER			2280.9 M		
BOTTOM LOGGED INTERVAL			2260.6 M		
TOP LOGGED INTERVAL			570.0 M		
CASING DRILLER			339.7 MM		⑤ 570.0 M
CASING LOGGER			570 M		
BIT SIZE			311.0 MM		
TYPE OF FLUID IN HOLE			GELCHEM		
DENSITY	VISCOSITY		1290.0 G/L	78.0 S	
PH	FLUID LOSS		9.0	5.6 ML	
SOURCE OF SAMPLE			TOOL MEASURED		
RM AT MEAS. TEMP.			0.701 OHMM	⑤ 45.6 DEGC	
RMF AT MEAS. TEMP.			0.595 OHMM	⑤ 45.6 DEGC	
RMC AT MEAS. TEMP.			0.841 OHMM	⑤ 45.6 DEGC	
SOURCE OF RMF		RMC	CALCULATED	CALCULATED	
RM AT BHT		0.605 OHMM		⑤ 54.9 DEGC	
TIME SINCE CIRCULATION			13.3 HOURS		
MAX. RECORDED TEMP.			54.9 DEGC		
EQUIP. NO.	LOCATION		HL4291	OH NISKU	
RECORDED BY			S.CREWE		
WITNESSED BY			R.STRICKLAND/N.WATSON		

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
444.5 MM	0.0 M	570.0 M
311.0 MM	570.0 M	2285.0 M

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
339.7 MM	81.1 KG/M	K-55	0.0 M	570.0 M
244.5 MM				

REMARKS

RUN 1 TRIP 1 : TIME STOPPED CIRCULATION: 02-NOV-2010 03:00 AM

SAMPLE MEASURED: RM 1.078 @ 8.3 DEG
RMF 0.916 @ 8.3 DEG
RMC 2.278 @ 8.3 DEG
CABLEHEAD THERMOMETER READINGS: 54 DEG

INTEGRATED TRANSIT TIME TICS EVERY: 1.0, 10.0, & 100.0 µSEC.

RIG: STONEHAM 11

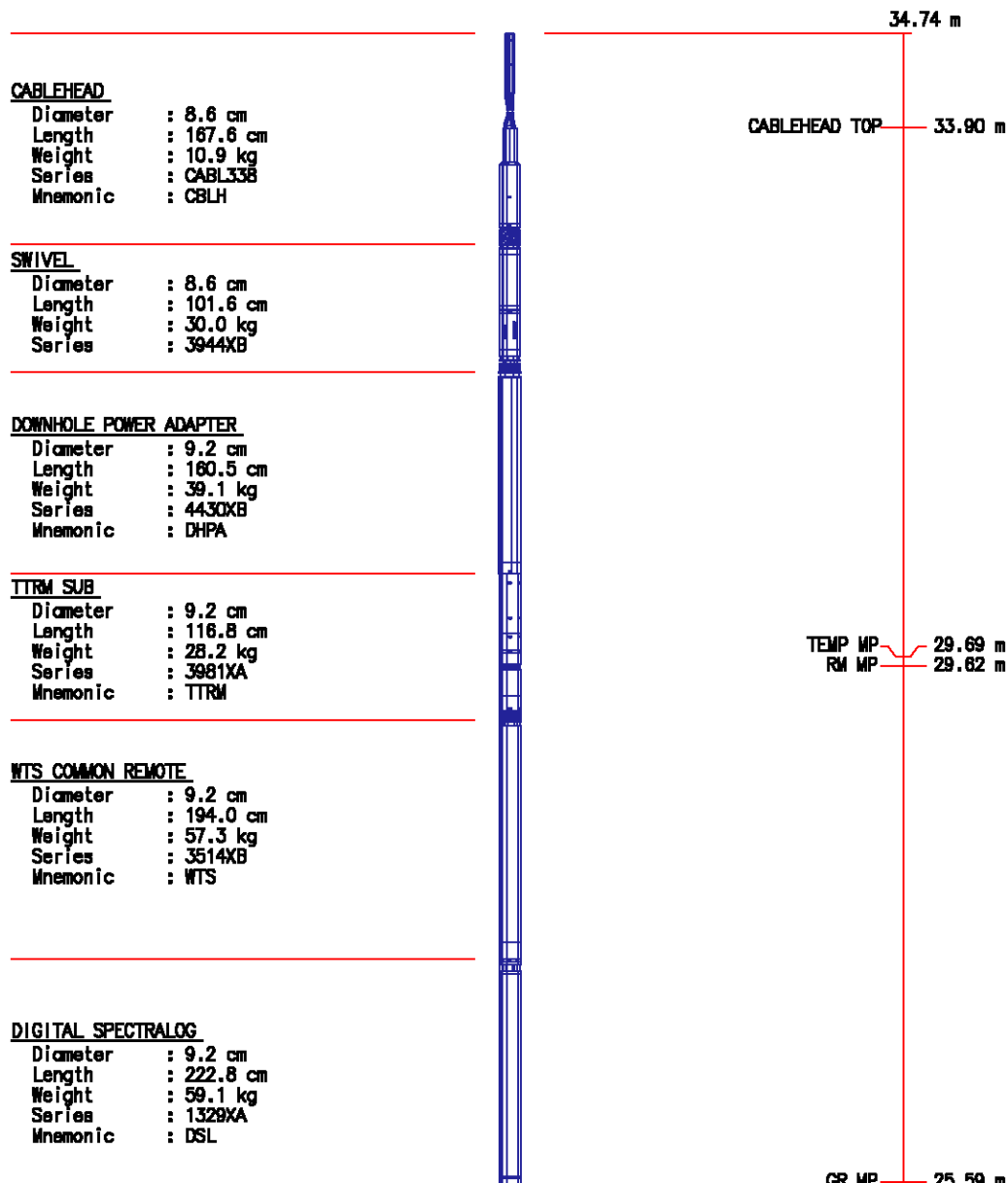
CREW:
S.CREWE, B.BARSS, M.BAHAR, J.HENNESSEY, K.HASIUK, J.WOODS, J.JEWEL, R.PERRY

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	SWIVEL	3944XB	73682	FREE
1	1	DHPA	4430XB	10152148	FREE
1	1	TTRM	3981XB	152403	FREE
1	1	COMM	3514XB	150740	FREE
1	1	WTS DGR/SLJ	1329XB	370830	FREE
1	1	ACOUSTIC EL	1677EA	10149056	CENTRALIZED
1	1	XMAC RX MDR	1678MB	10039363	CENTRALIZED
1	1	XMAC ISO	1678PB	10148319	FREE
1	1	XMAC TX ELC	1678BA	370862	CENTRALIZED
1	1	XMAC TX ELC	1678FA	10051497	CENTRALIZED
1	1	WTS DBL KNJ	3939XA	168289	FREE
1	1	ORIT	4401XB	10119993	FREE
1	1	STAR II PS	1022PA	10569170	FREE
1	1	F / GOM	1036EA	10103726	FREE
1	1	STAR MDR	4236MA	10433029	6-PAD DEVICE

INSTRUMENT CONFIGURATION

Source File: /dat1a/pass/nalcor_run1/m980g"nal_r2-tdg



ARRAY ACOUSTILOG ELECTRONICS, 8 CHANNEL

Diameter : 8.6 cm
Length : 238.3 cm
Weight : 46.4 kg
Series : 1677EA
Mnemonic : XMAC

CROSS MULTIPOLE ARRAY ACOUSTILOG

Diameter : 9.8 cm
Length : 332.4 cm
Weight : 101.8 kg
Series : 1678MB
Mnemonic : XMAC

SHEAR WAVE ACOUSTILOG

Diameter : 9.2 cm
Length : 152.4 cm
Weight : 61.4 kg
Series : 1678PB
Mnemonic : XMAC

MULTI-POLE ARRAY ACOUSTIC

Diameter : 9.8 cm
Length : 241.3 cm
Weight : 77.3 kg
Series : 1678BA
Mnemonic : XMAC

MULTI-POLE ARRAY ACOUSTIC

Diameter : 8.6 cm
Length : 131.6 cm
Weight : 28.4 kg
Series : 1678FA
Mnemonic : MAC

KNUCKLE JOINT (DOUBLE)

Diameter : 8.6 cm
Length : 141.8 cm
Weight : 40.9 kg
Series : 3939XA
Mnemonic : KJNT

DIGITAL ORIENTATION

Diameter : 8.6 cm
Length : 329.4 cm
Weight : 50.0 kg
Series : 4401XB
Mnemonic : ORIT

R8 21.07 m
R7 20.92 m
R6 20.77 m
R5 20.62 m
R4 20.46 m
R3 20.31 m
R2 20.16 m
R1 20.01 m

MONOPOLE T2 17.42 m
QUADRUPOLE T5 17.42 m

X-DIPOLE T3 16.88 m
Y-DIPOLE T4 16.88 m

MONOPOLE T1 16.35 m

ORIENT MP 9.43 m

C6PC IMAGER POWER SUPPLY
Diameter : 9.2 cm
Length : 276.9 cm
Weight : 52.7 kg
Series : 1022PA
Mnemonic : C6PC

C6PC IMAGER ELECTRONICS
Diameter : 9.2 cm
Length : 276.9 cm
Weight : 42.7 kg
Series : 1036EA
Mnemonic : C6PC

C6PC IMAGER MANDREL
Diameter : 13.3 cm
Length : 381.0 cm
Weight : 126.4 kg
Series : 4236MA
Mnemonic : C6PC

BULL PLUG 3 3/8

TOTAL LENGTH: 34.74 m
TOTAL WEIGHT: 859.5 kg
MAX DIAMETER: 13.3 cm

PAD MP 1.09 m
0.00 m

MAIN LOG - UPPER PRESENTATION

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/nalcor_run1/m8741B1601.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1710.914 m BOTTOM DEPTH: 2289.000 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CHT	FILTER ()	medium (1)		TOP	BOTTOM
EXTENSION	FILTER ()				

TENSION	FILTER ()	medium (1)	''	''
GR	FILTER ()	medium (1)	''	''
DT24	FILTER ()	light (2)	''	''

BOREHOLE & CEMENT				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
BIT SIZE	BIT SIZE	311.000	mm	TOP BOTTOM

ACOUSTIC AVAN CORRELATION				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
MONOPOLE DELTA T	FORMATION TYPE	GENERIC (MEDIUM)		TOP BOTTOM
	CORRELATION METHOD	NTH ROOT		'' ''
	RESET TAPERS			'' ''
	TAPER - LEFT END	100	us/m	'' ''
	TAPER - RIGHT END	275	us/m	'' ''
MONOPOLE COMPRESSIONAL	FLOOR (UNIV. OPTION)	0.050		'' ''
	FORMATION TYPE	GENERIC (MEDIUM)		'' ''
	CORRELATION METHOD	NTH ROOT		'' ''
	RESET TAPERS			'' ''
	TAPER - LEFT END	100	us/m	'' ''
	TAPER - RIGHT END	275	us/m	'' ''
	FLOOR (UNIV. OPTION)	0.050		'' ''

ACOUSTIC POROSITY				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
DELTA T CURVE SELECTION	DT24 SOURCE	AVAN DT24		TOP BOTTOM

ACOUSTIC WAVEFORM FILTER				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP BOTTOM
	LOW FREQ CUTOFF	7000	Hz	'' ''
	HIGH FREQ CUTOFF	22500	Hz	'' ''
WAVEFORM FILTER - FULLWAVE	SURFACE WAVE FILTER	ON		'' ''
	LOW FREQ CUTOFF	2000	Hz	'' ''
	HIGH FREQ CUTOFF	20000	Hz	'' ''

ACOUSTIC TCC CONTROL PARAMETERS				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
GENERAL TCC PARAMETERS	AGC	ON		TOP BOTTOM
	SUBCYCLE LENGTH	50		'' ''
	SUBSET	1		'' ''
GENERAL MONOPOLE TCC PARAMETERS	STACK LEVEL	2		'' ''
	DSP FILTER	ON		'' ''
DELTA T TCC PARAMETERS	ACG WINDOW	1296	us	TOP 2151.337
		1664	us	2151.337 BOTTOM
	MOVEOUT	16	us/ft	TOP BOTTOM
	SAMPLE PERIOD	16		'' ''
	RX DELAY	192	us	TOP 2154.075
FULL WAVE MONOPOLE TCC PARAMETERS		240	us	2154.075 BOTTOM
	ACG WINDOW	8064	us	TOP BOTTOM
	SAMPLE PERIOD	24		'' ''
	RX DELAY	0	us	'' ''

PARAMETER AND FILTER SUMMARY REPORT				
FILE: /data/pass/nalcor_run1/m8741B1602.prm LOGGING MODE: DEPTH DIRECTION: UP TOP DEPTH: 558.622 m BOTTOM DEPTH: 1848.993 m				

SYMMETRIC FILTER				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
CHT	FILTER ()	medium (1)		TOP BOTTOM
TENSION	FILTER ()	medium (1)		'' ''
GR	FILTER ()	medium (1)		'' ''
DT24	FILTER ()	light (2)		'' ''

BOREHOLE & CEMENT				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
BIT SIZE	BIT SIZE	311.000	mm	TOP BOTTOM
ACOUSTIC AVAN CORRELATON				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
MONOPOLE DELTA T	FORMATION TYPE	GENERIC (MEDIUM)		TOP BOTTOM
	CORRELATION METHOD	NTH ROOT		" "
	RESET TAPERS			" "
	TAPER - LEFT END	100	us/m	" "
	TAPER - RIGHT END	275	us/m	" "
MONOPOLE COMPRESSIONAL	FLOOR (UNIV. OPTION)	0.050		" "
	FORMATION TYPE	GENERIC (MEDIUM)		" "
	CORRELATION METHOD	NTH ROOT		" "
	RESET TAPERS			" "
	TAPER - LEFT END	100	us/m	" "
	TAPER - RIGHT END	275	us/m	" "
	FLOOR (UNIV. OPTION)	0.050		" "

ACOUSTIC POROSITY				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
DELTA T CURVE SELECTION	DT24 SOURCE	AVAN DT24		TOP BOTTOM

ACOUSTIC WAVEFORM FILTER				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP BOTTOM
	LOW FREQ CUTOFF	7000	Hz	" "
	HIGH FREQ CUTOFF	22500	Hz	" "
WAVEFORM FILTER - FULLWAVE	SURFACE WAVE FILTER	ON		" "
	LOW FREQ CUTOFF	2000	Hz	" "
	HIGH FREQ CUTOFF	20000	Hz	" "

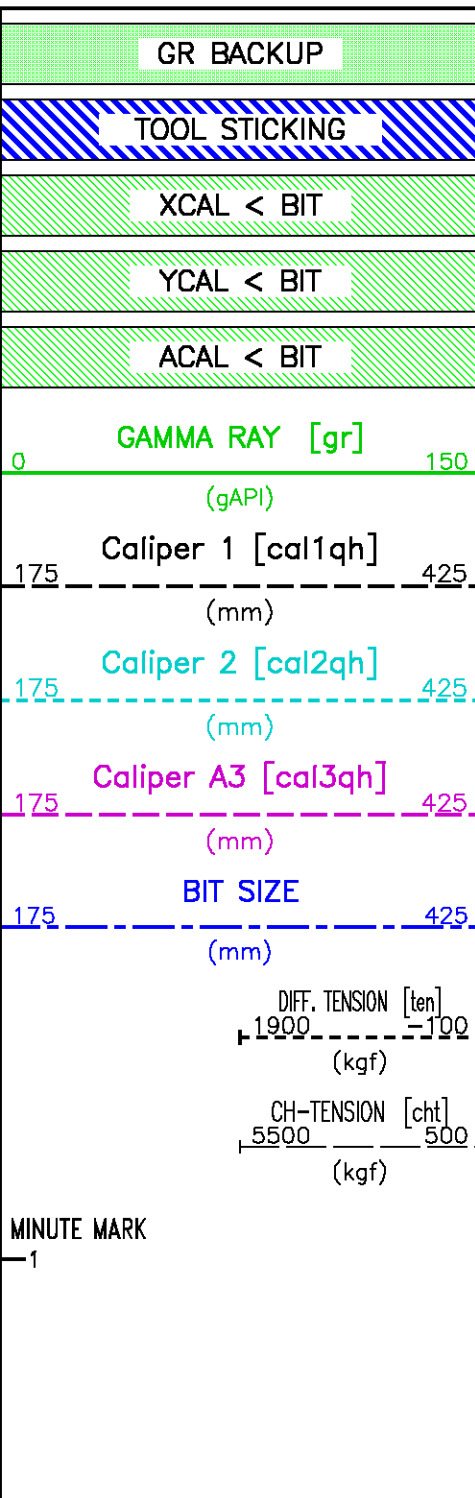
ACOUSTIC TCC CONTROL PARAMETERS				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
GENERAL TCC PARAMETERS	AGC	ON		TOP BOTTOM
	SUBCYCLE LENGTH	50		" "
	SUBSET	1		" "
GENERAL MONOPOLE TCC PARAMETERS	STACK LEVEL	2		" "
	DSP FILTER	ON		" "
DELTA T TCC PARAMETERS	ACG WINDOW	1296	us	" "
	MOVEOUT	16	us/ft	" "
	SAMPLE PERIOD	16		" "
	RX DELAY	192	us	" "
FULL WAVE MONOPOLE TCC PARAMETERS	ACG WINDOW	8064	us	" "
	SAMPLE PERIOD	24		" "
	RX DELAY	0	us	" "

CURVE DESCRIPTION REPORT				
CURVE NAME	CREATION DATE	CURVE DESCRIPTION		
F1:BIT	Nov 2 16:48:02 2010	BIT SIZE		
F1:CAL1QH	Nov 2 16:48:02 2010	DIAMETER FROM PAD 1 AND ITS OPPOSITE		
F1:CAL2QH	Nov 2 16:48:02 2010	DIAMETER FROM PAD 2 AND ITS OPPOSITE		
F1:CAL3QH	Nov 2 16:48:02 2010	DIAMETER FROM PAD 3 AND ITS OPPOSITE		
F1:CHT	Nov 2 16:48:02 2010	CABLE HEAD TENSION		
F1:DTCQI	Nov 2 16:48:02 2010	COMPRESSIONAL WAVE SLOWNESS		
F1:GR	Nov 2 16:48:02 2010	GAMMA RAY		
F1:MMRK	Nov 2 16:48:02 2010	MINUTE MARK		
F1:TEN	Nov 2 16:48:02 2010	DIFFERENTIAL TENSION		
F1:TTQI	Nov 2 16:48:02 2010	INTEGRATED TRAVELTIME FROM ACOUSTIC SLOWNESS		

CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	CAL2QH	0.99	CHT	0.00	GR	25.49
CAL1QH	0.99	CAL3QH	0.99	DTCQI	20.42	TEN	0.00

Presentation	: cpu1:/data/pass/nalcor_run1/mac_upper100-500.pdf [1:600 Scale]
Plot Interval	: 529.285 - 2289.05 Meters

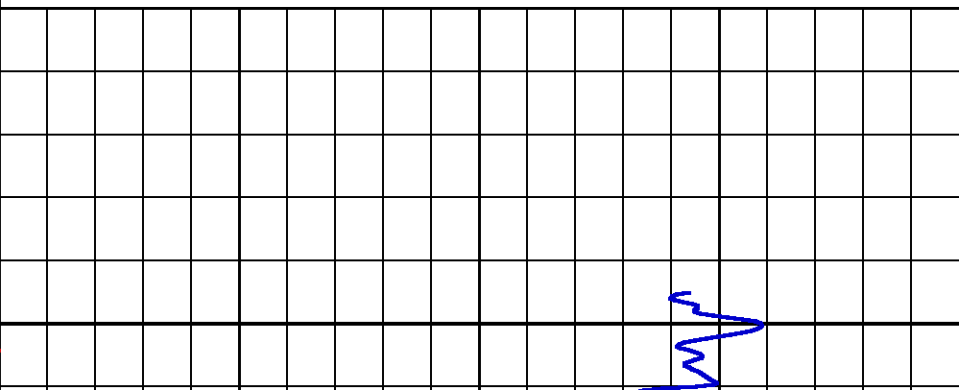
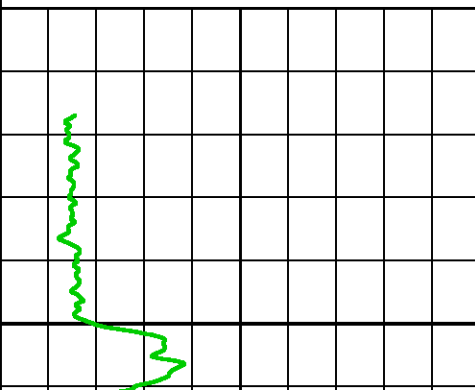
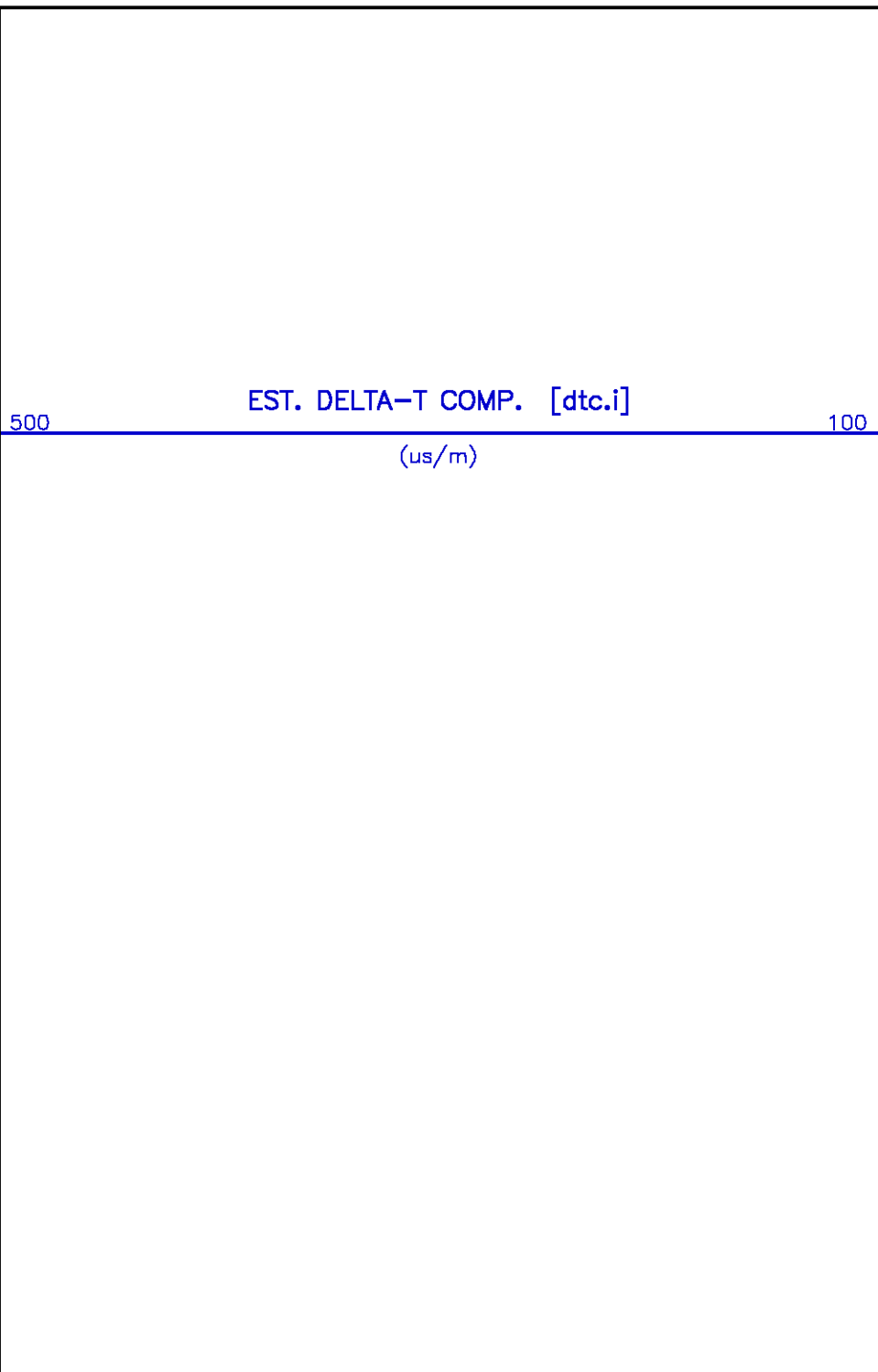
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Created On : Nov 2 13:02:15 2010
Company : NALCOR ENERGY
Well : NALCOR ET AL FINNEGAN 31
Field : FINNEGAN
File Interval : 529.285 - 2289.05 Meters
Oct : m874IB16

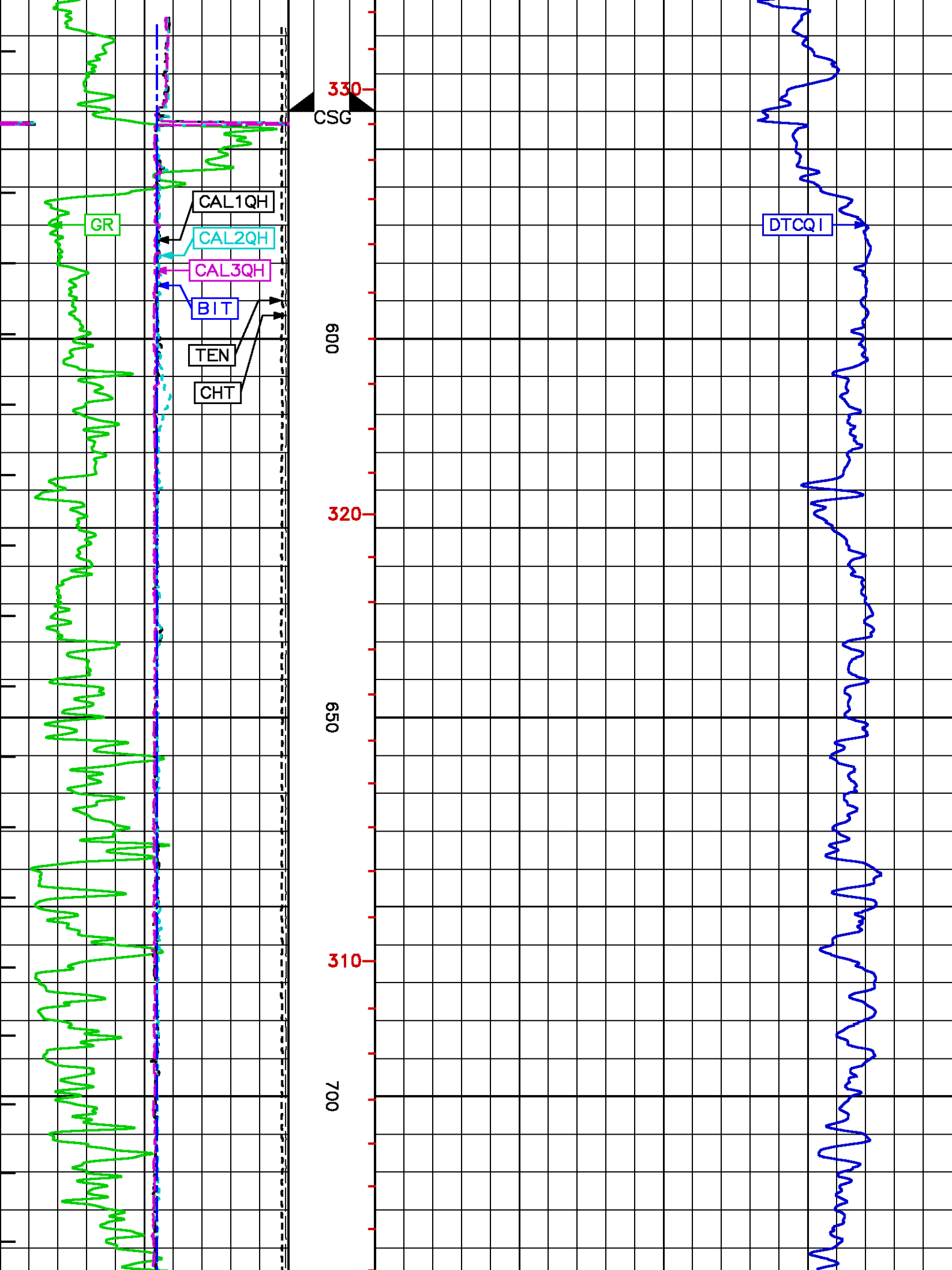


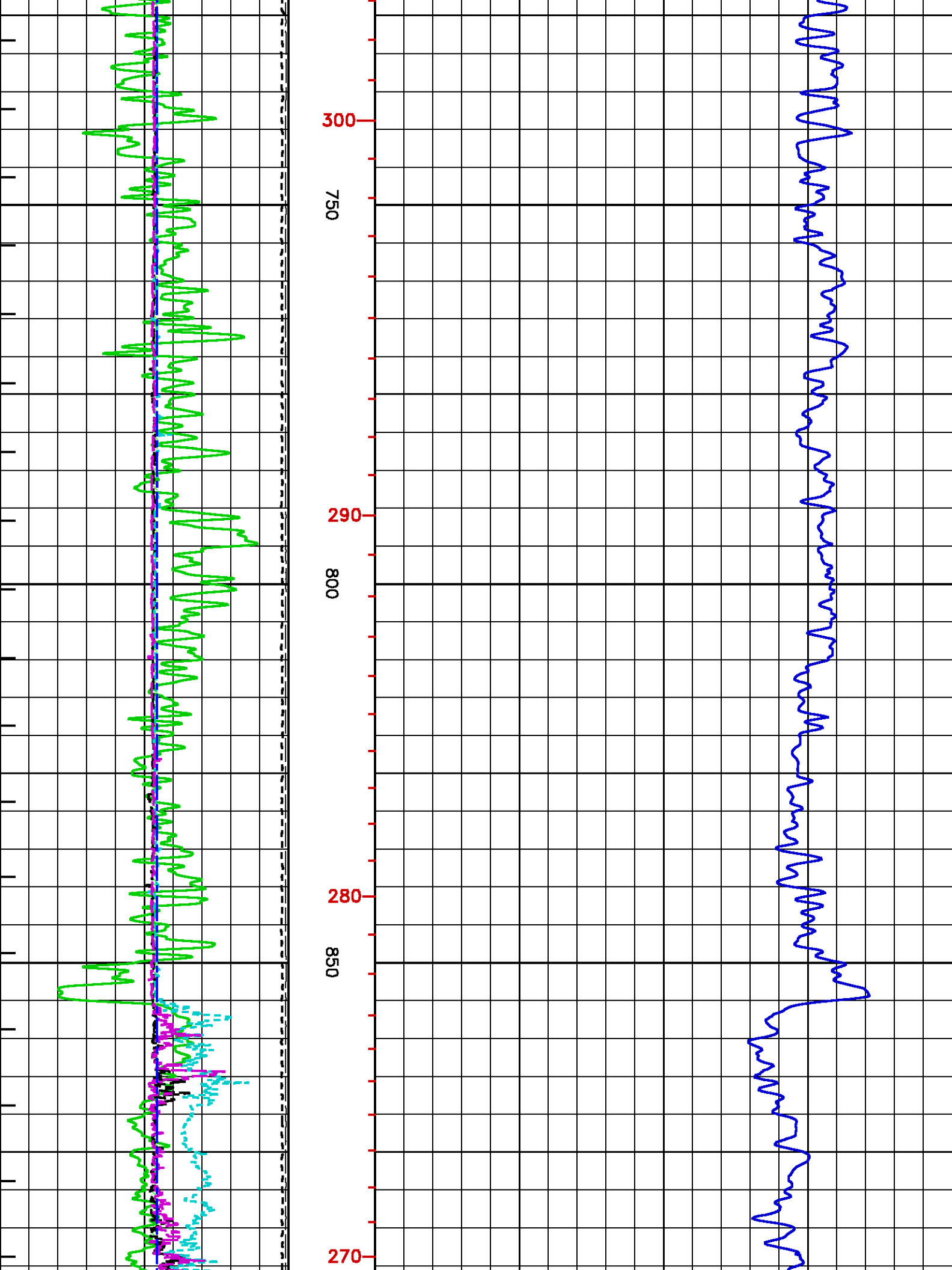
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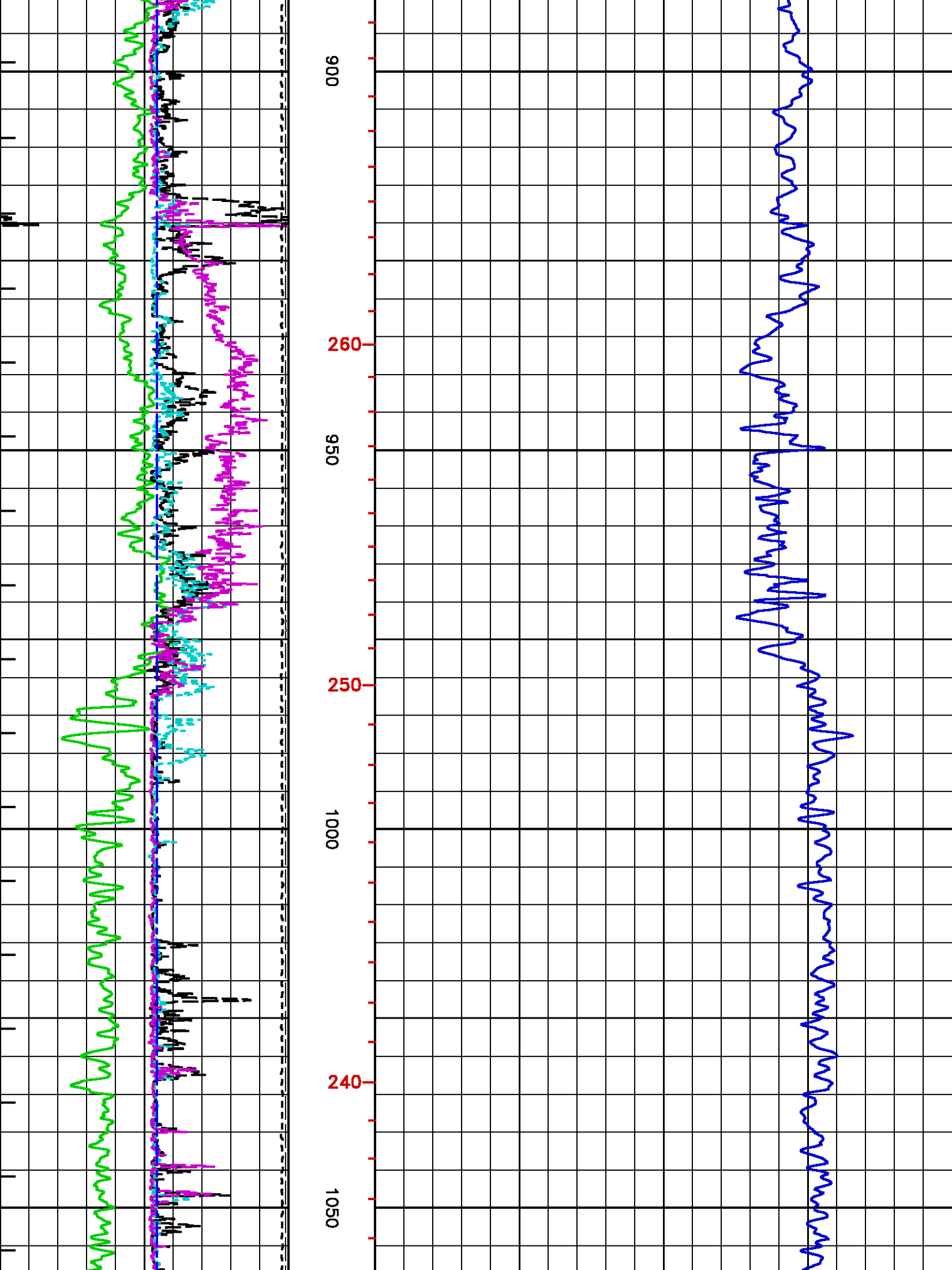
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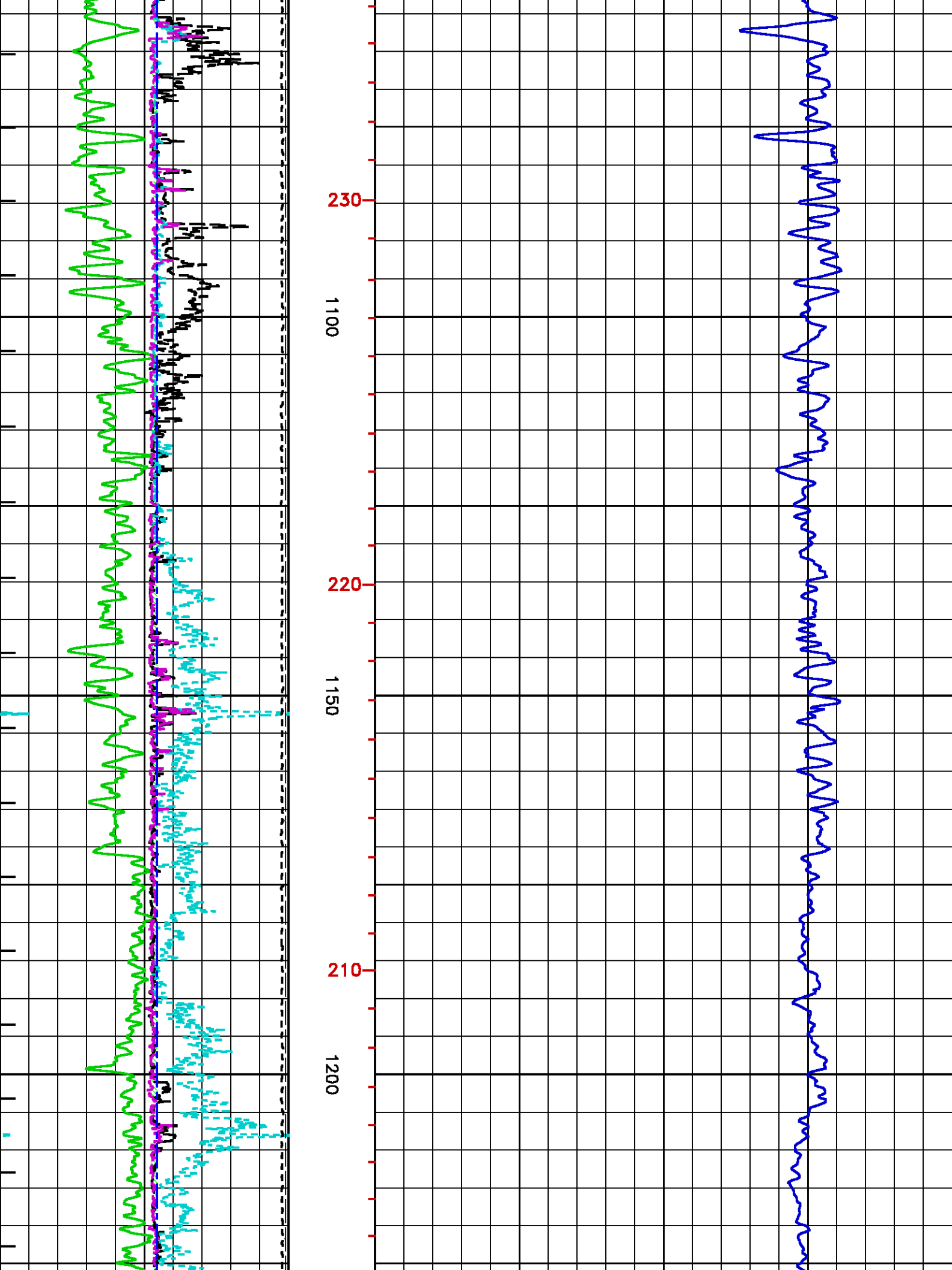
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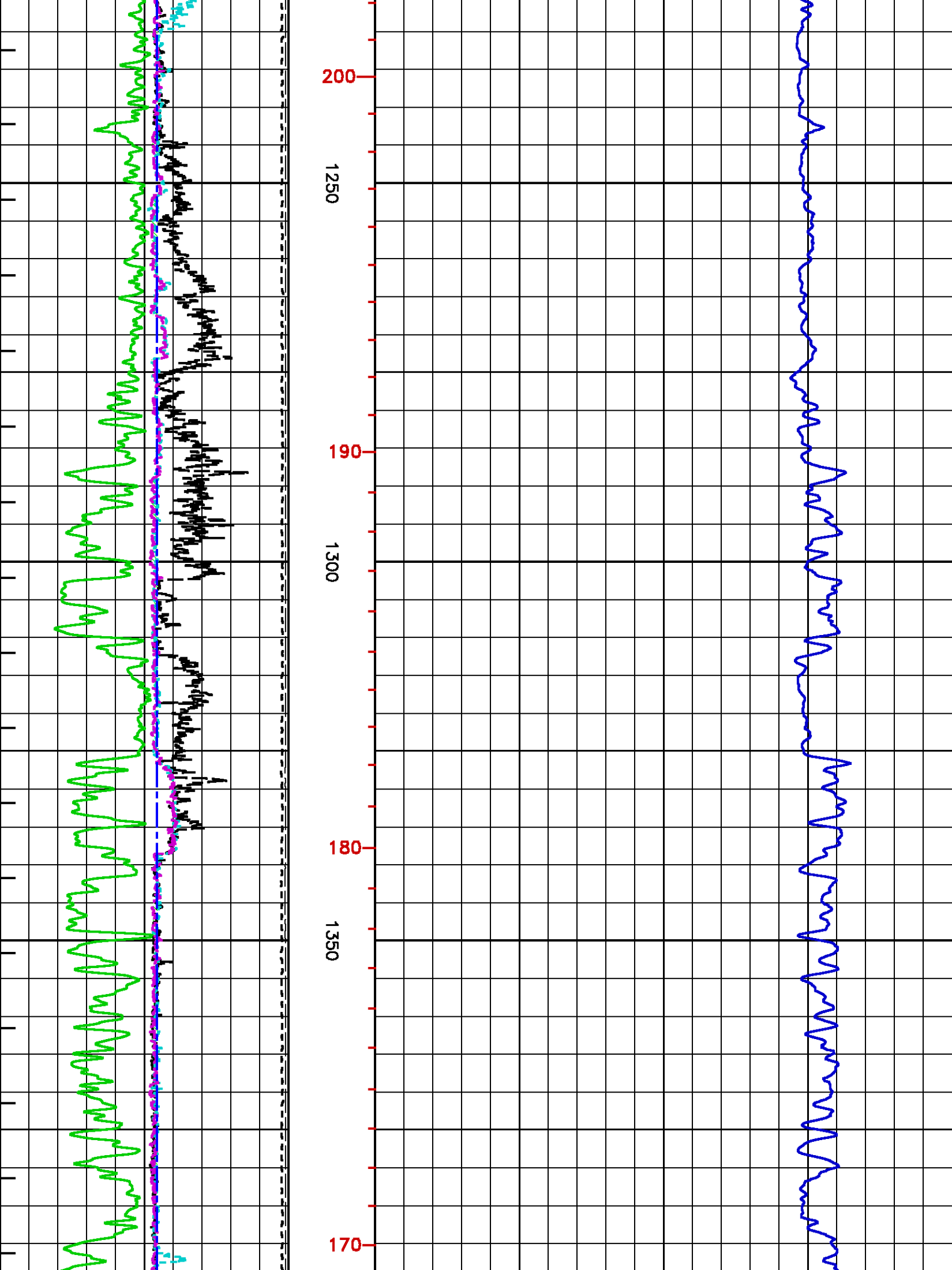


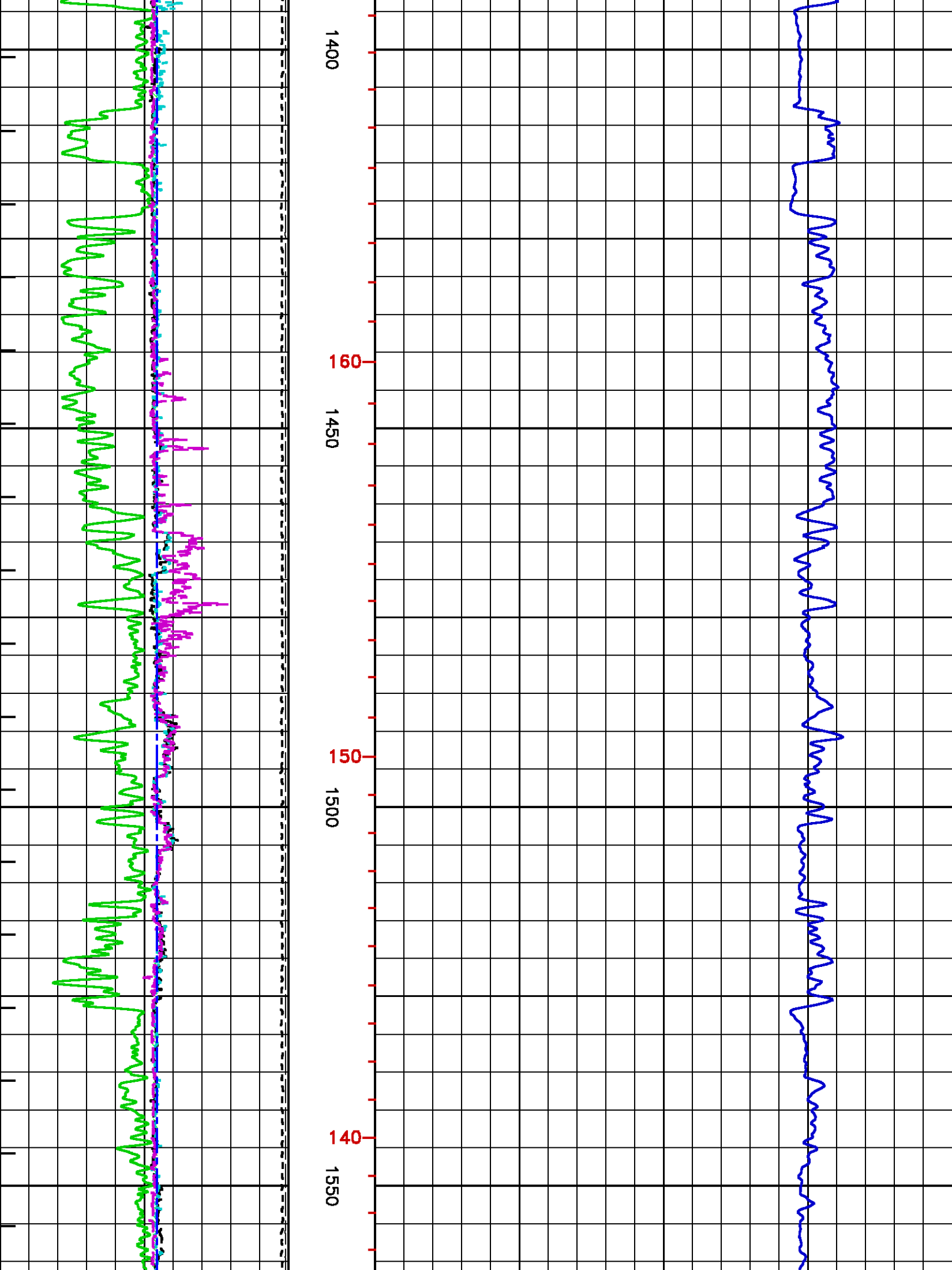


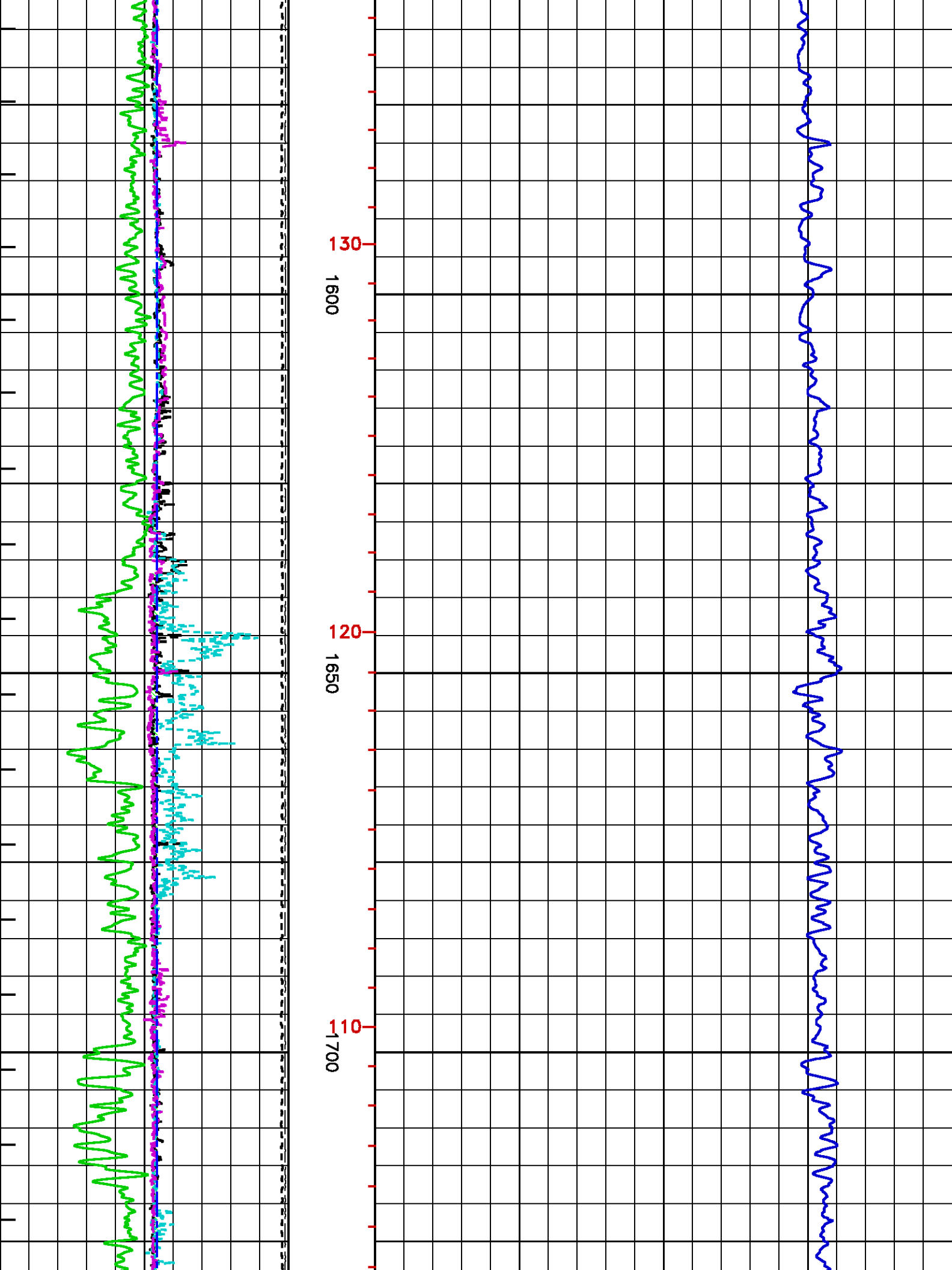


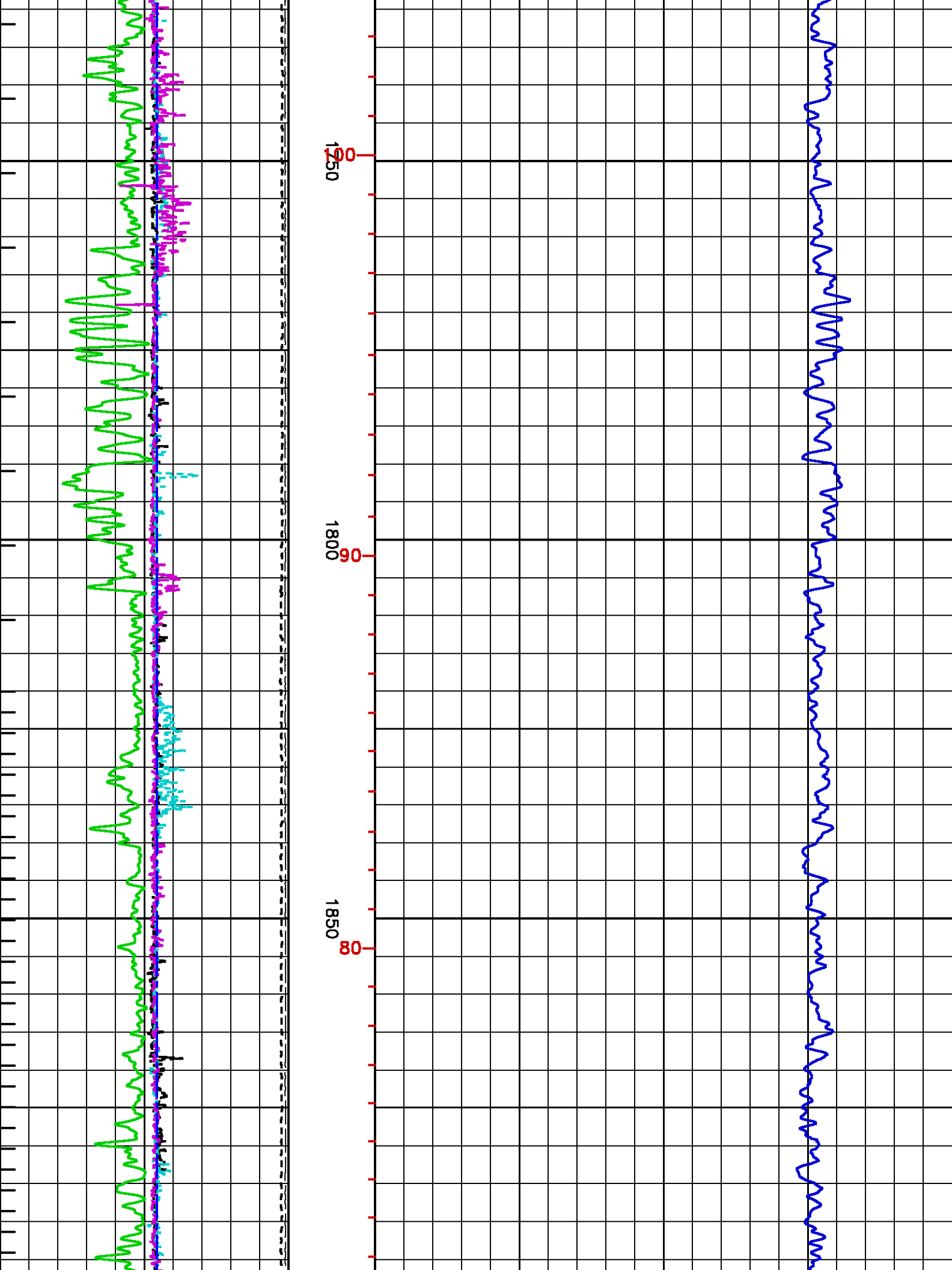


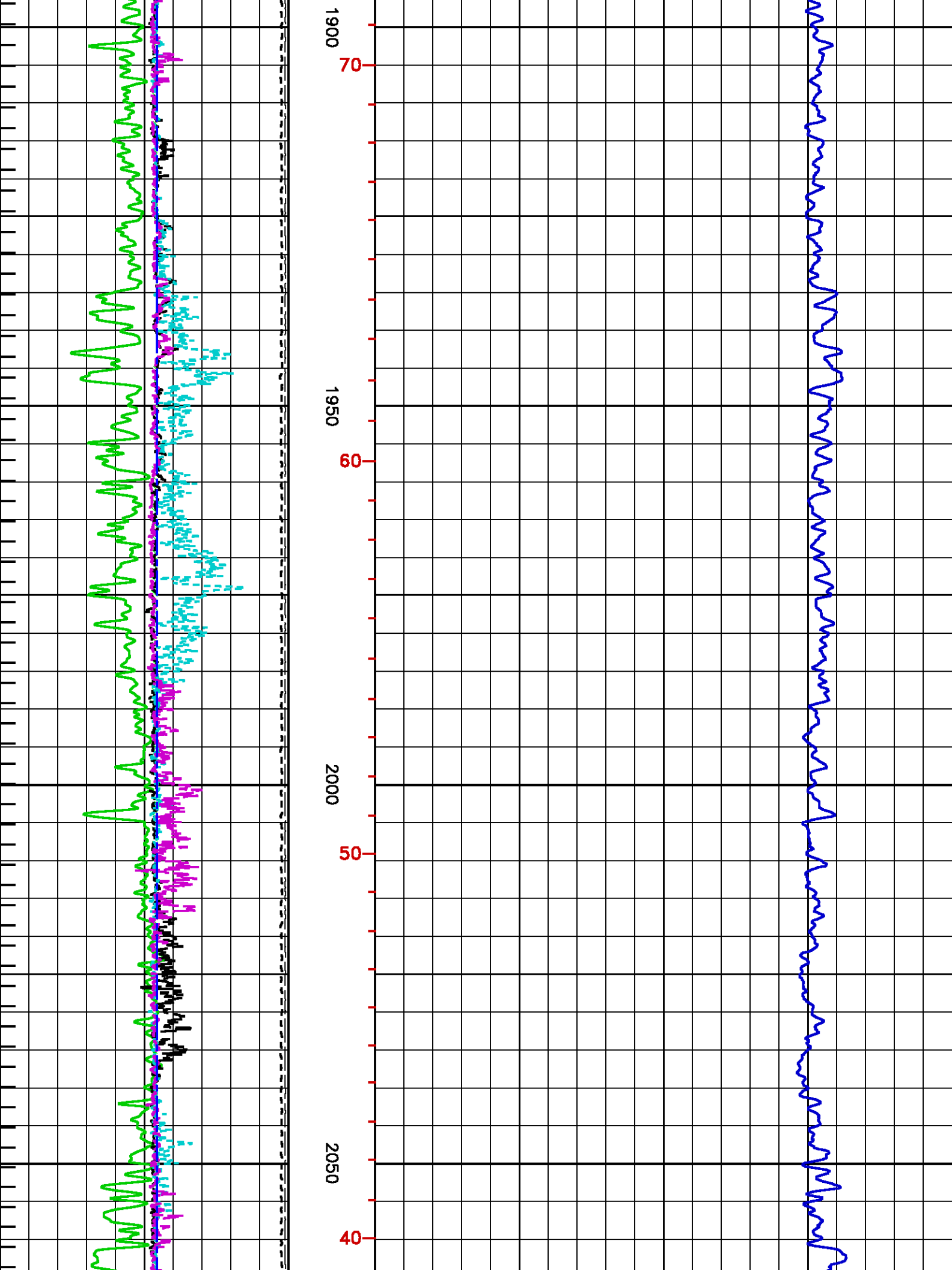


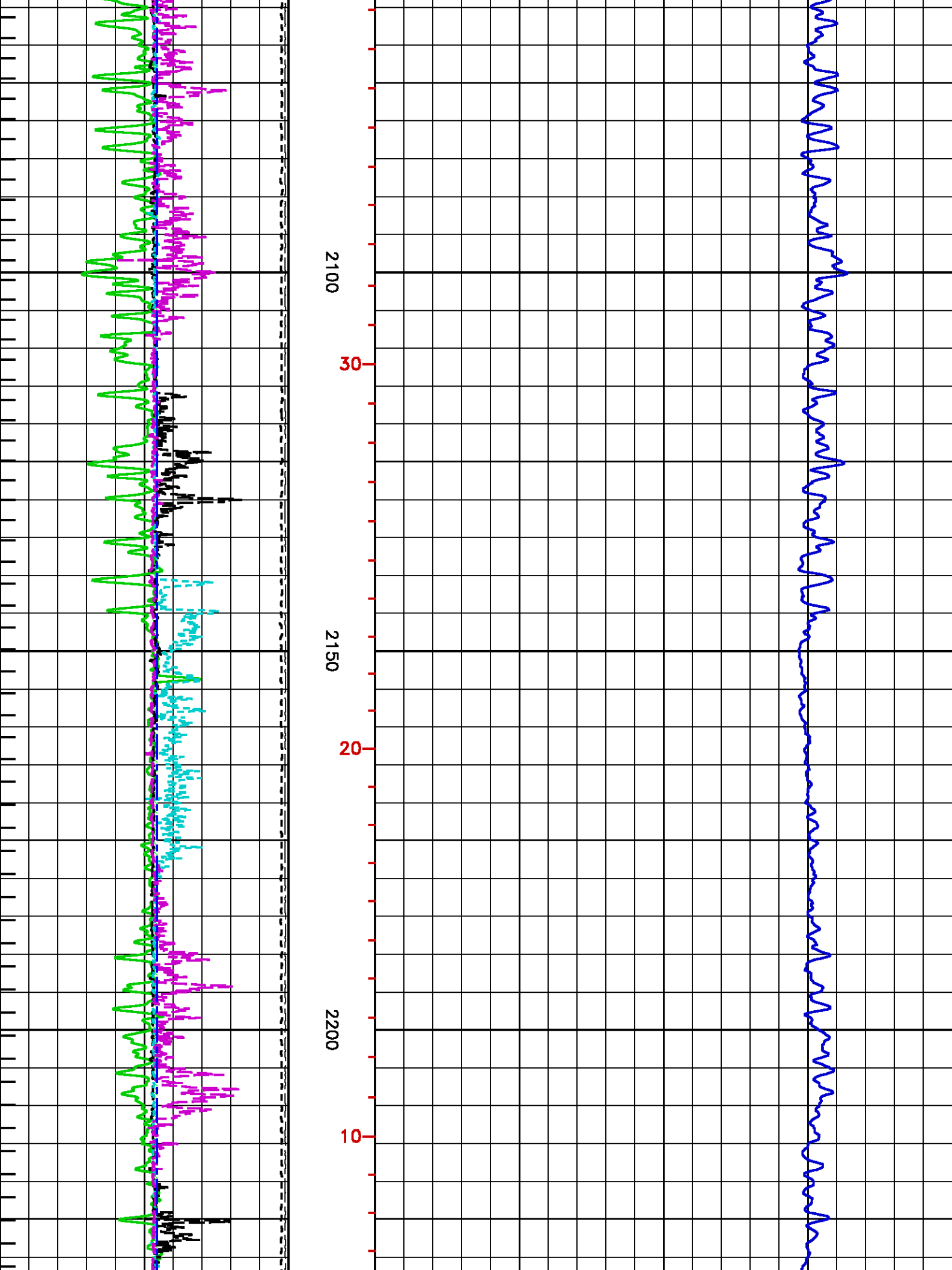


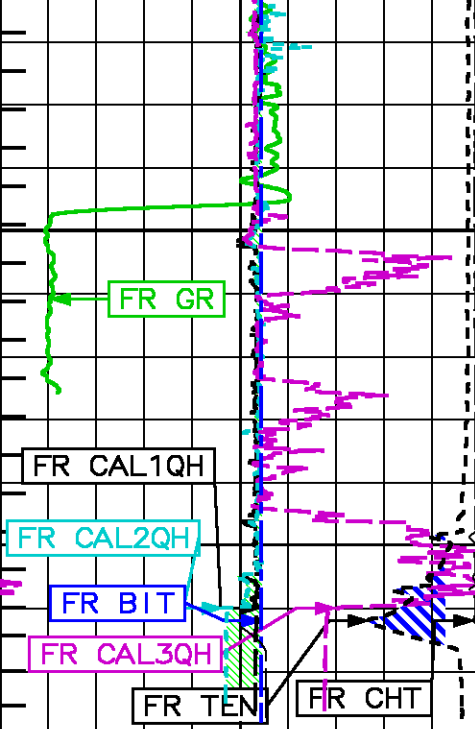








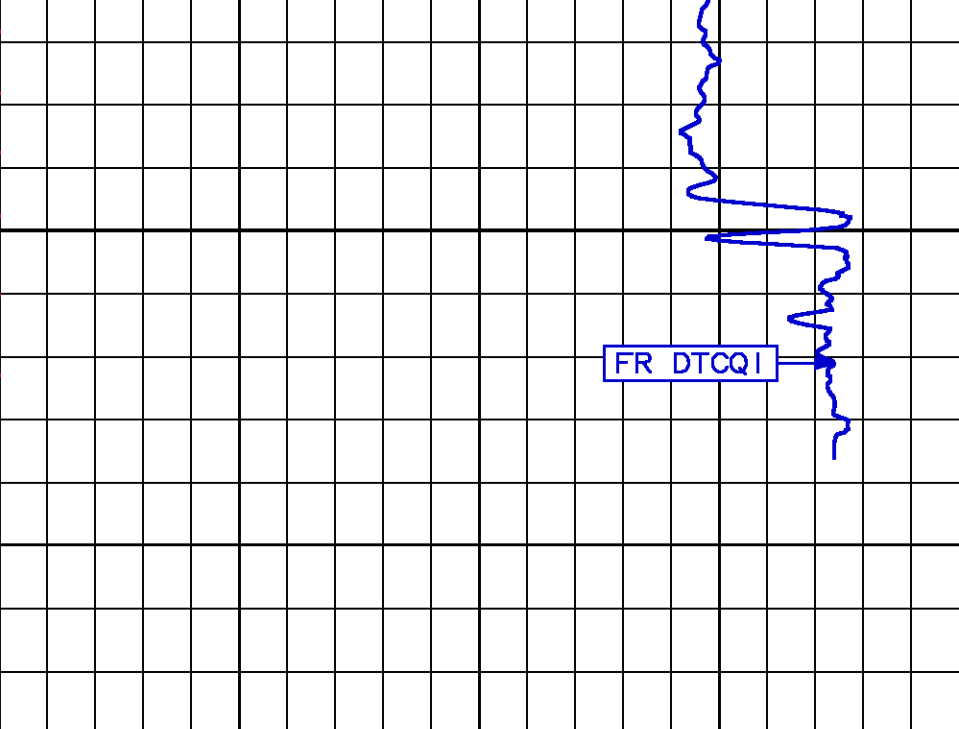
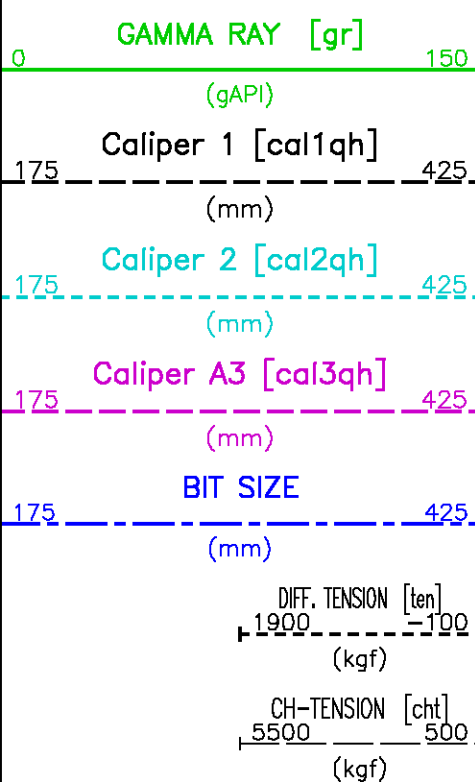
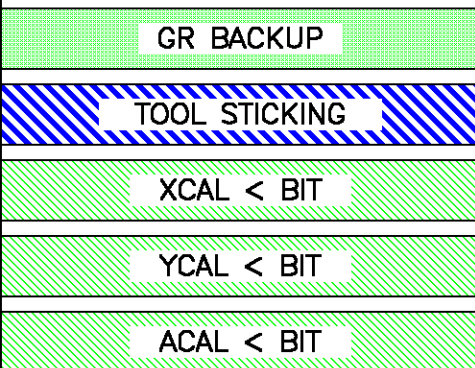




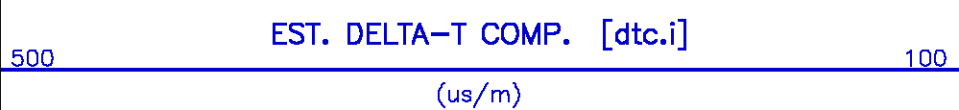
2250

METERS

TD



FR DTCQI



EST. DELTA-T COMP. [dte.i]

(us/m)

MINUTE MARK

1

TT

1-

10-

MAIN LOG 500:100 SCALE

ECLIPS 6.11 Aug 06, 2010
Patches: 1

Wed Nov 3 03:56:18 2010

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.50

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/nalcor_run1/m8741B1601.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1710.914 m BOTTOM DEPTH: 2289.000 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CHT	FILTER ()	medium (1)		TOP	BOTTOM
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"
DT24	FILTER ()	light (2)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
BIT SIZE	BIT SIZE	311.000	mm	TOP	BOTTOM

ACOUSTIC AVAN CORRELATION

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
MONOPOLE DELTA T	FORMATION TYPE	GENERIC (MEDIUM)		TOP	BOTTOM
	CORRELATION METHOD	NTH ROOT		"	"
	RESET TAPERS			"	"
	TAPER - LEFT END	100	us/m	"	"
	TAPER - RIGHT END	275	us/m	"	"
MONOPOLE COMPRESSIONAL	FLOOR (UNIV. OPTION)	0.050		"	"
	FORMATION TYPE	GENERIC (MEDIUM)		"	"
	CORRELATION METHOD	NTH ROOT		"	"
	RESET TAPERS			"	"
	TAPER - LEFT END	100	us/m	"	"
	TAPER - RIGHT END	275	us/m	"	"
	FLOOR (UNIV. OPTION)	0.050		"	"

ACOUSTIC POROSITY

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA T CURVE SELECTION	DT24 SOURCE	AVAN DT24		TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	7000	Hz	"	"
	HIGH FREQ CUTOFF	22500	Hz	"	"
WAVEFORM FILTER - FULLWAVE	SURFACE WAVE FILTER	ON		"	"
	LOW FREQ CUTOFF	2000	Hz	"	"
	HIGH FREQ CUTOFF	20000	Hz	"	"

ACOUSTIC TCC CONTROL PARAMETERS

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
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MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
GENERAL TCC PARAMETERS	AGC	ON		TOP	BOTTOM
	SUBCYCLE LENGTH	50		''	''
	SUBSET	1		''	''
GENERAL MONOPOLE TCC PARAMETERS	STACK LEVEL	2		''	''
	DSP FILTER	ON		''	''
DELTA T TCC PARAMETERS	ACG WINDOW	1296	us	TOP	2151.337
		1664	us	2151.337	BOTTOM
	MOVEOUT	16	us/ft	TOP	BOTTOM
	SAMPLE PERIOD	16		''	''
	RX DELAY				
FULL WAVE MONOPOLE TCC PARAMETERS		192	us	TOP	2154.075
		240	us	2154.075	BOTTOM
	ACG WINDOW	8064	us	TOP	BOTTOM
	SAMPLE PERIOD	24		''	''
	RX DELAY	0	us	''	''

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/nalcor_run1/m8741B1602.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 558.622 m BOTTOM DEPTH: 1848.993 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CHT	FILTER ()	medium (1)		TOP	BOTTOM
TENSION	FILTER ()	medium (1)		''	''
GR	FILTER ()	medium (1)		''	''
DT24	FILTER ()	light (2)		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
BIT SIZE	BIT SIZE	311.000	mm	TOP	BOTTOM

ACOUSTIC AVAN CORRELATION

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
MONOPOLE DELTA T	FORMATION TYPE	GENERIC (MEDIUM)		TOP	BOTTOM
	CORRELATION METHOD	NTH ROOT		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	100	us/m	''	''
	TAPER - RIGHT END	275	us/m	''	''
MONOPOLE COMPRESSIONAL	FLOOR (UNIV. OPTION)	0.050		''	''
	FORMATION TYPE	GENERIC (MEDIUM)		''	''
	CORRELATION METHOD	NTH ROOT		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	100	us/m	''	''
	TAPER - RIGHT END	275	us/m	''	''
	FLOOR (UNIV. OPTION)	0.050		''	''

ACOUSTIC POROSITY

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA T CURVE SELECTION	DT24 SOURCE	AVAN DT24		TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	7000	Hz	''	''
	HIGH FREQ CUTOFF	22500	Hz	''	''
WAVEFORM FILTER - FULLWAVE	SURFACE WAVE FILTER	ON		''	''
	LOW FREQ CUTOFF	2000	Hz	''	''
	HIGH FREQ CUTOFF	20000	Hz	''	''

ACOUSTIC TCC CONTROL PARAMETERS

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
GENERAL TCC PARAMETERS	AGC	ON		TOP	BOTTOM
	SUBCYCLE LENGTH	50		''	''
	SUBSET	1		''	''
GENERAL MONOPOLE TCC PARAMETERS	STACK LEVEL	2		''	''
	DSP FILTER	ON		''	''

DELTA T TCC PARAMETERS	ACG WINDOW	1296	us	''	''
	MOVEOUT	16	us/ft	''	''
	SAMPLE PERIOD	16		''	''
	RX DELAY	192	us	''	''
FULL WAVE MONOPOLE TCC PARAMETERS	ACG WINDOW	8064	us	''	''
	SAMPLE PERIOD	24		''	''
	RX DELAY	0	us	''	''

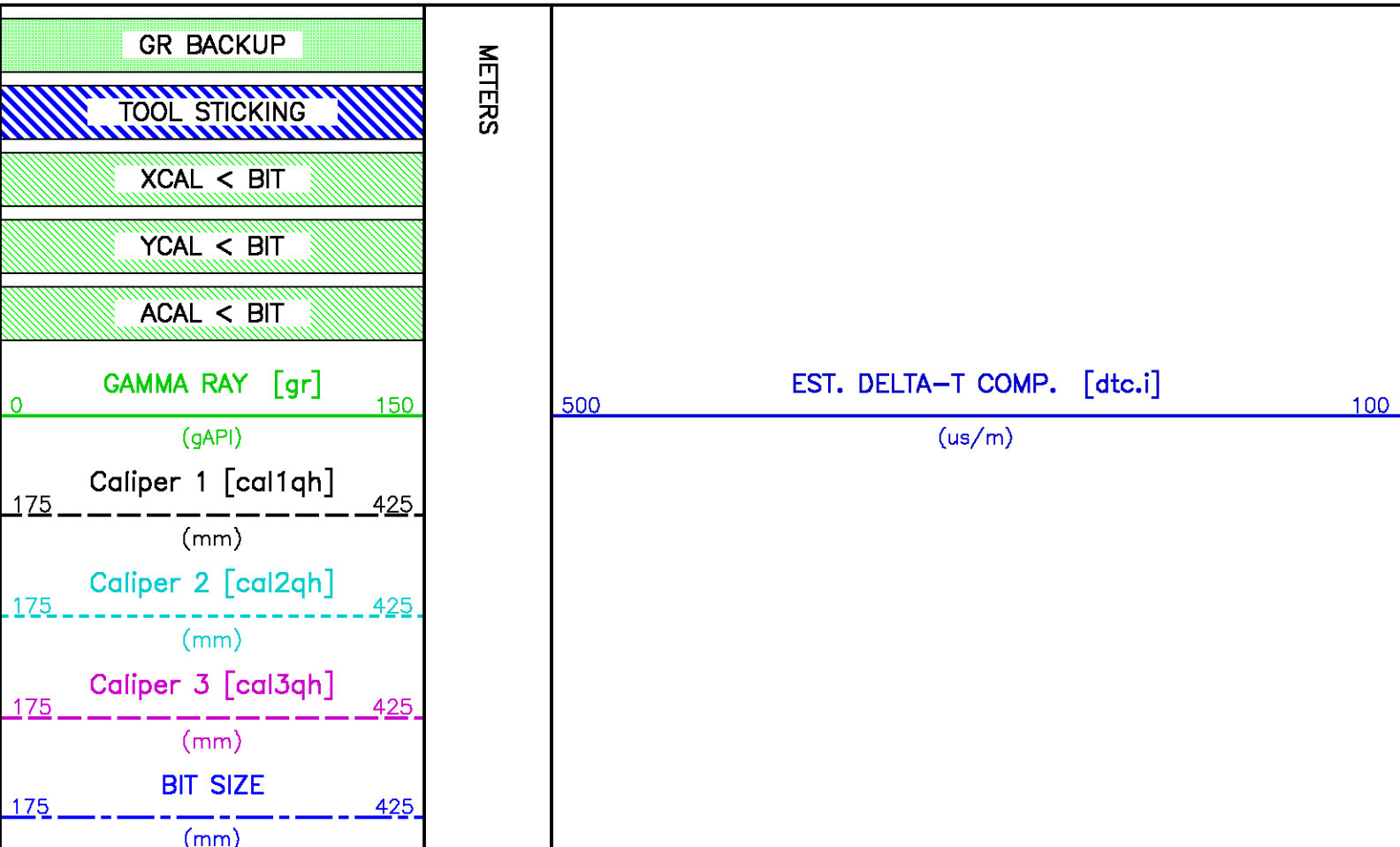
CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Nov 2 16:48:02 2010	BIT SIZE
F1:CAL1QH	Nov 2 16:48:02 2010	DIAMETER FROM PAD 1 AND ITS OPPOSITE
F1:CAL2QH	Nov 2 16:48:02 2010	DIAMETER FROM PAD 2 AND ITS OPPOSITE
F1:CAL3QH	Nov 2 16:48:02 2010	DIAMETER FROM PAD 3 AND ITS OPPOSITE
F1:CHT	Nov 2 16:48:02 2010	CABLE HEAD TENSION
F1:DTCQI	Nov 2 16:48:02 2010	COMPRESSIONAL WAVE SLOWNESS
F1:GR	Nov 2 16:48:02 2010	GAMMA RAY
F1:MMRK	Nov 2 16:48:02 2010	MINUTE MARK
F1:TEN	Nov 2 16:48:02 2010	DIFFERENTIAL TENSION
F1:TTQI	Nov 2 16:48:02 2010	INTEGRATED TRAVELTIME FROM ACOUSTIC SLOWNESS

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	CAL2QH	0.99	CHT	0.00	GR	25.49
CAL1QH	0.99	CAL3QH	0.99	DTCQI	20.42	TEN	0.00

Presentation	: cpu1:/dat1a/pass/nalcor_run1/mac_main100-500.pdf [1:240 Scale]
Plot Interval	: 529.285 - 2289.05 Meters
Data File 1	: F1 : cpu1:/dat1a/pass/nalcor_run1/r1t1s.xtf
Created On	: Nov 2 13:02:15 2010
Company	: NALCOR ENERGY
Well	: NALCOR ET AL FINNEGAN 31
Field	: FINNEGAN
File Interval	: 529.285 - 2289.05 Meters
Oct	: m874IB16



CH-TENSION [cht]
 5500 500
 (kgf)

4

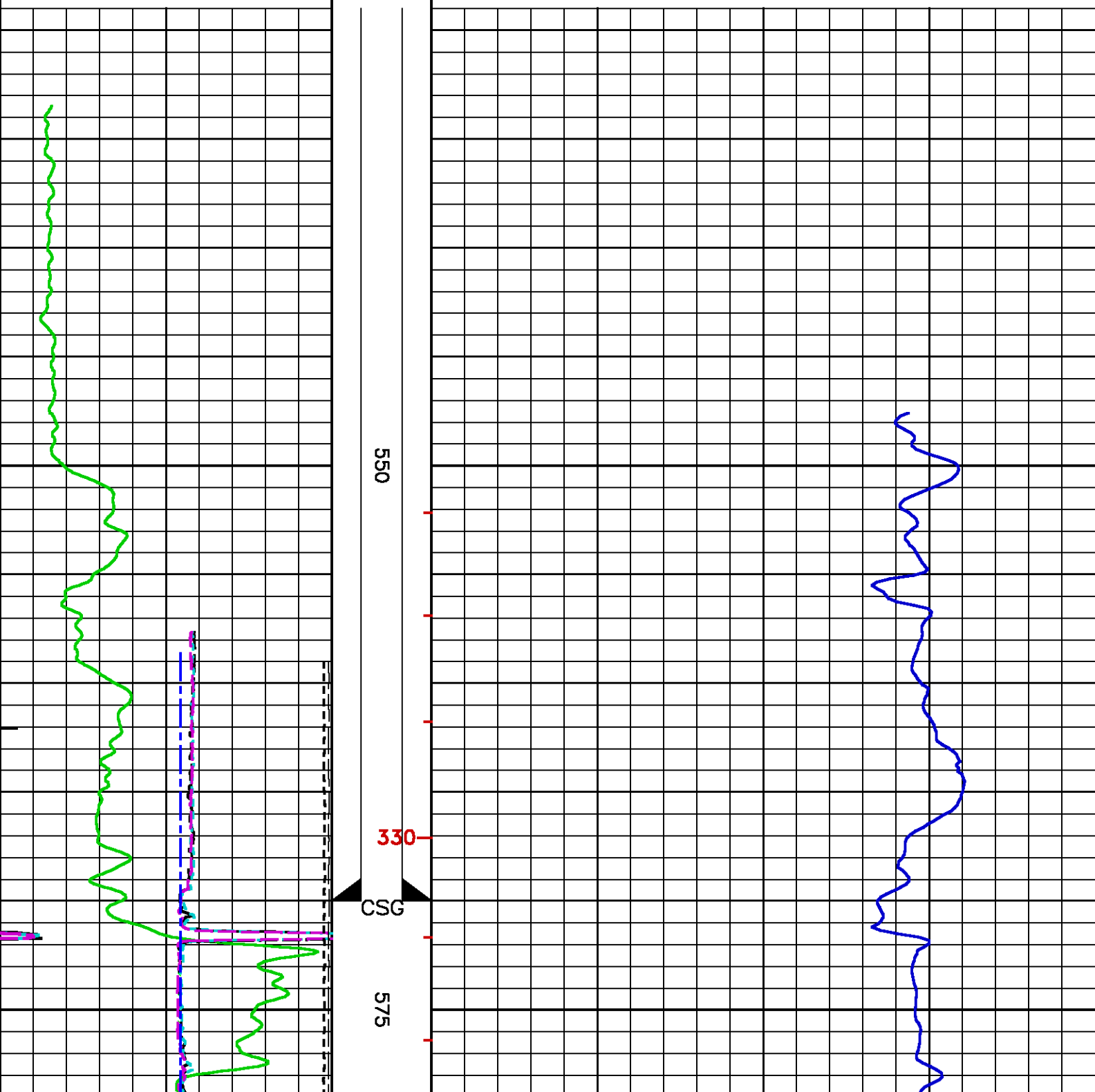
TT
1-
10-
100-

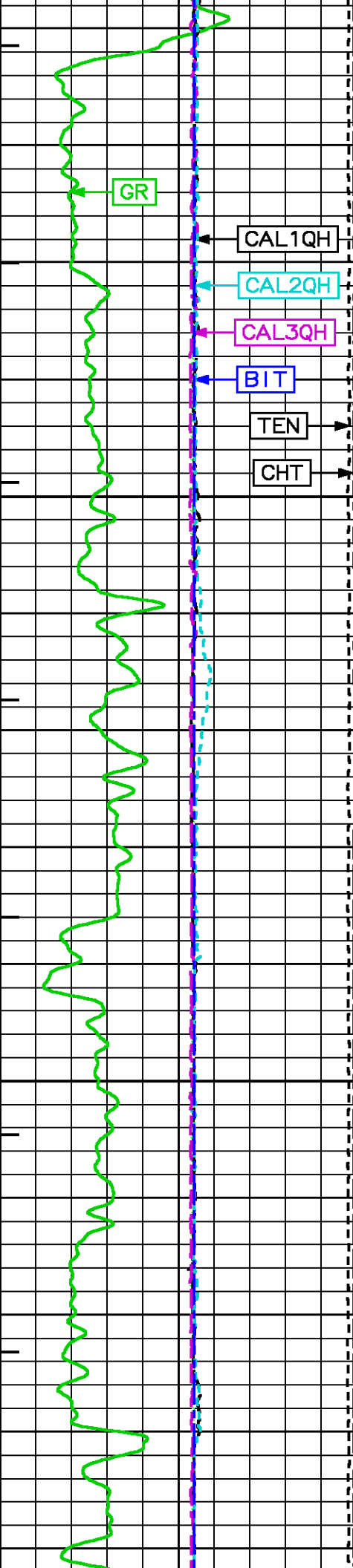
550

330.

CSG

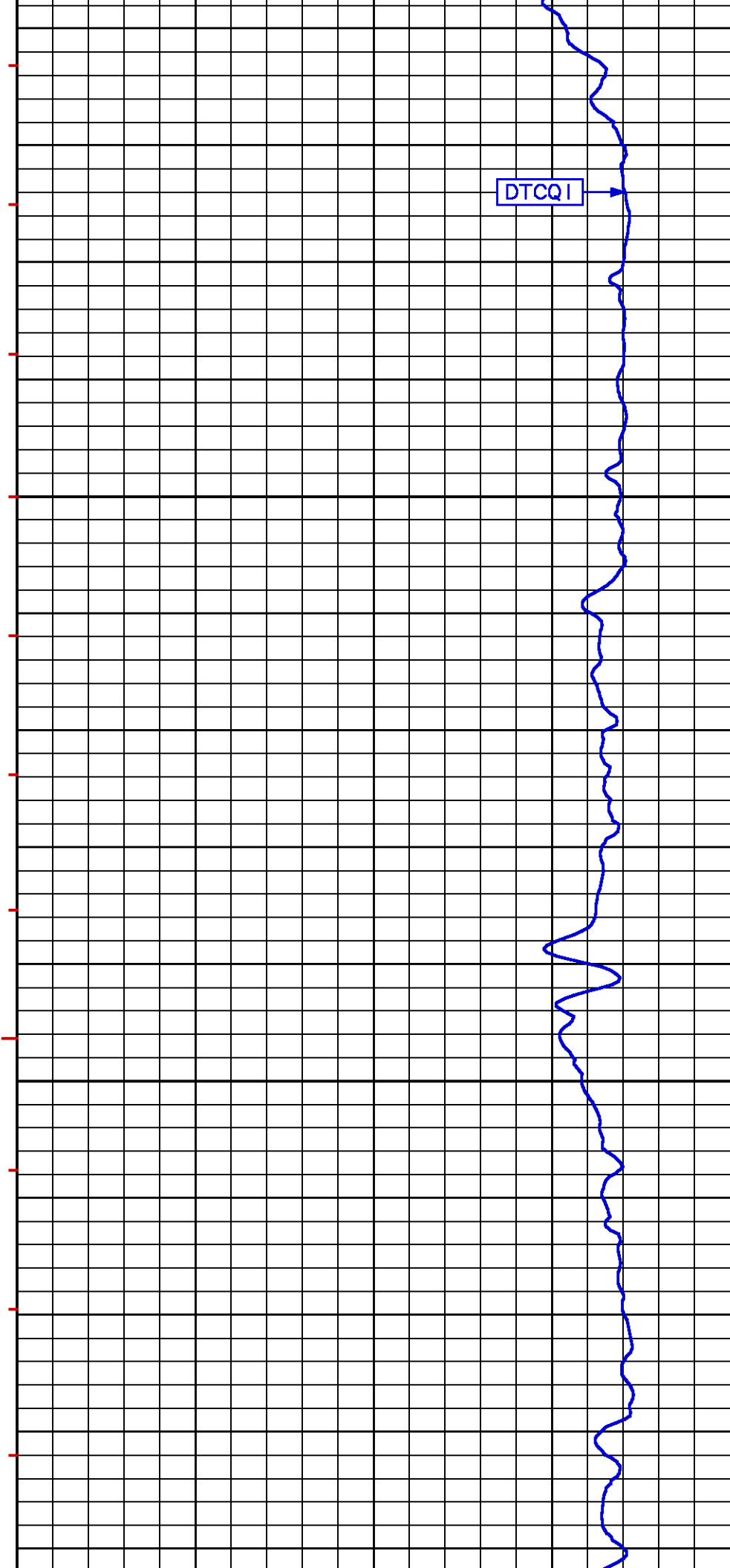
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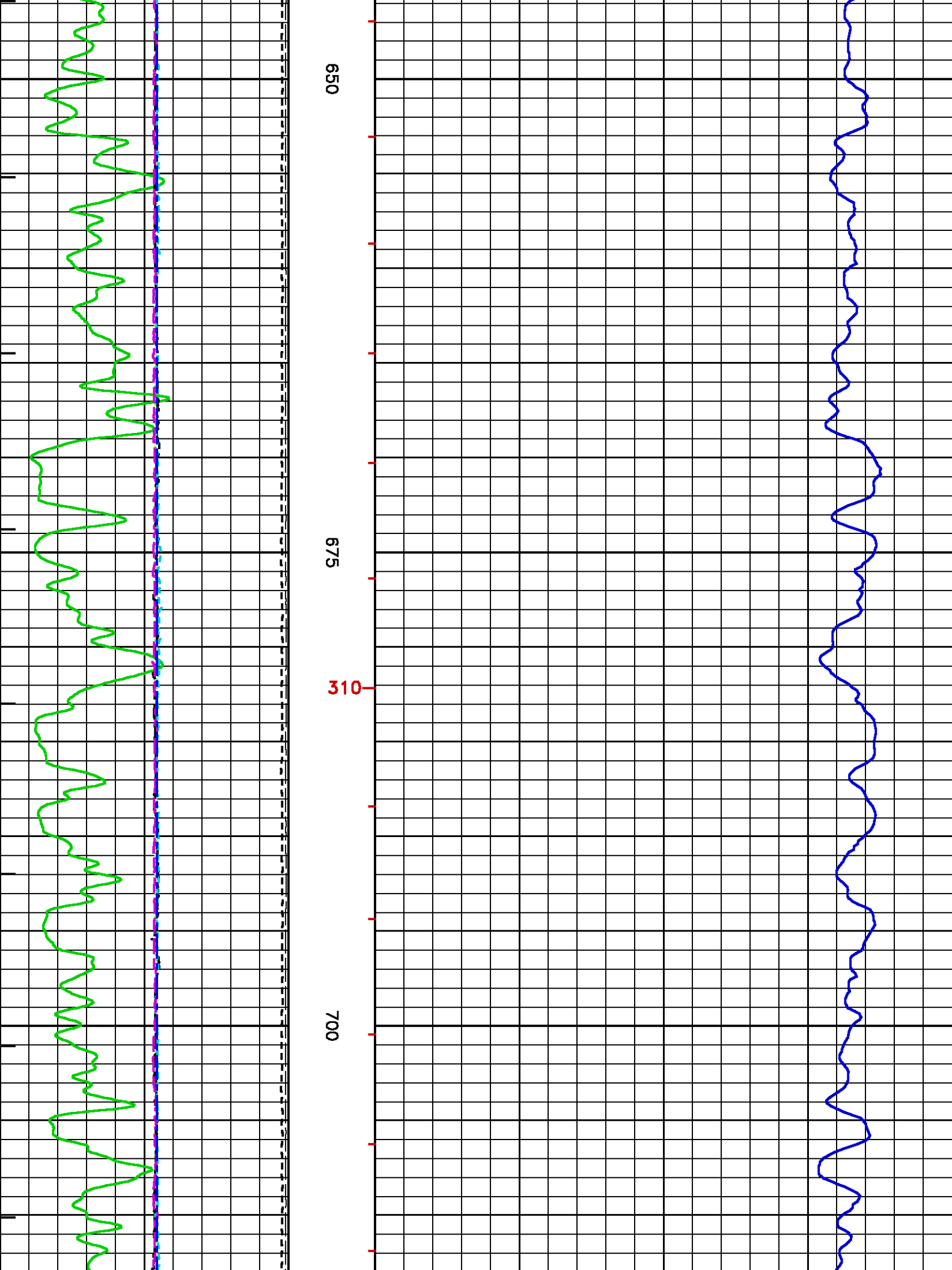


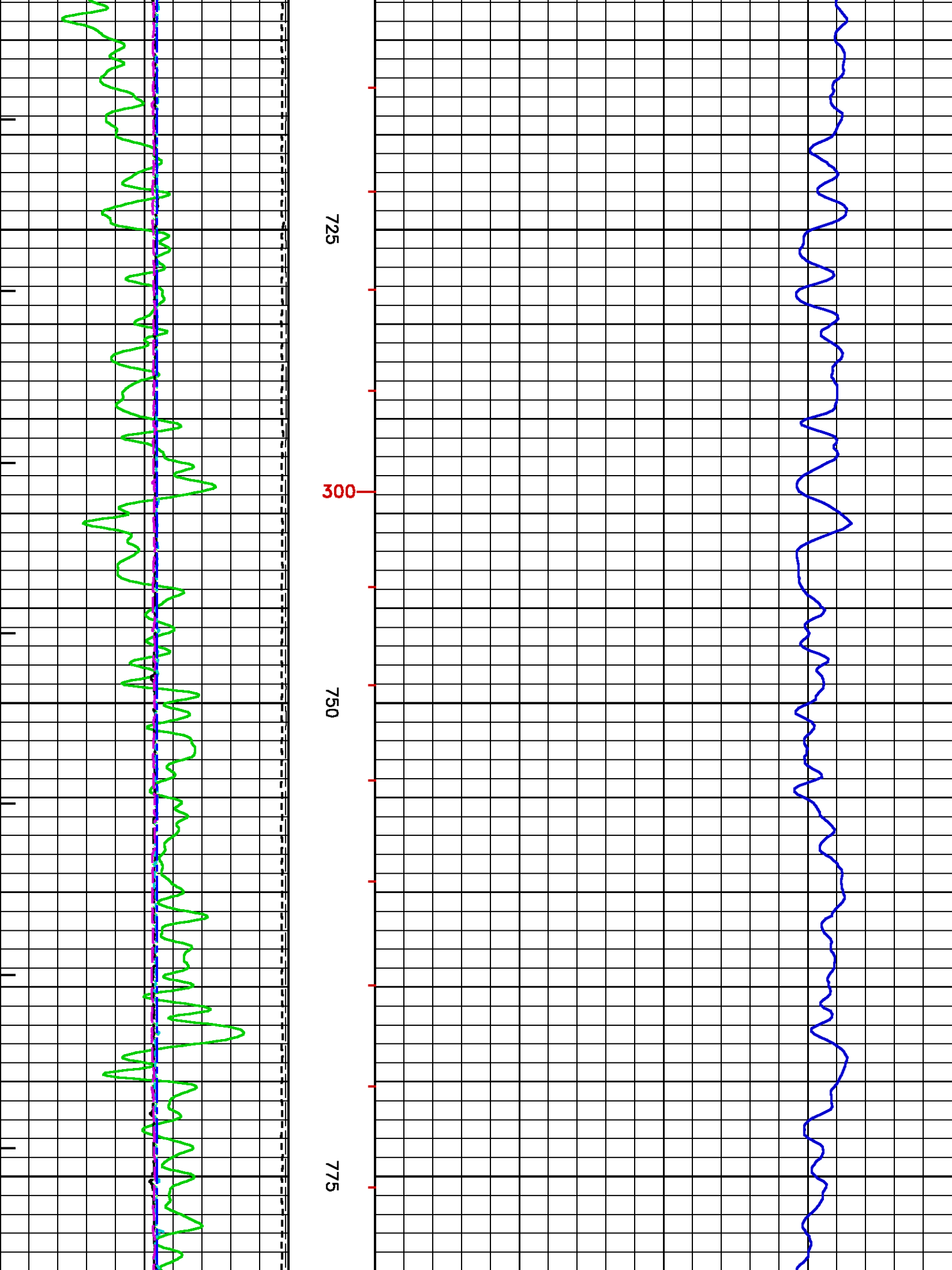


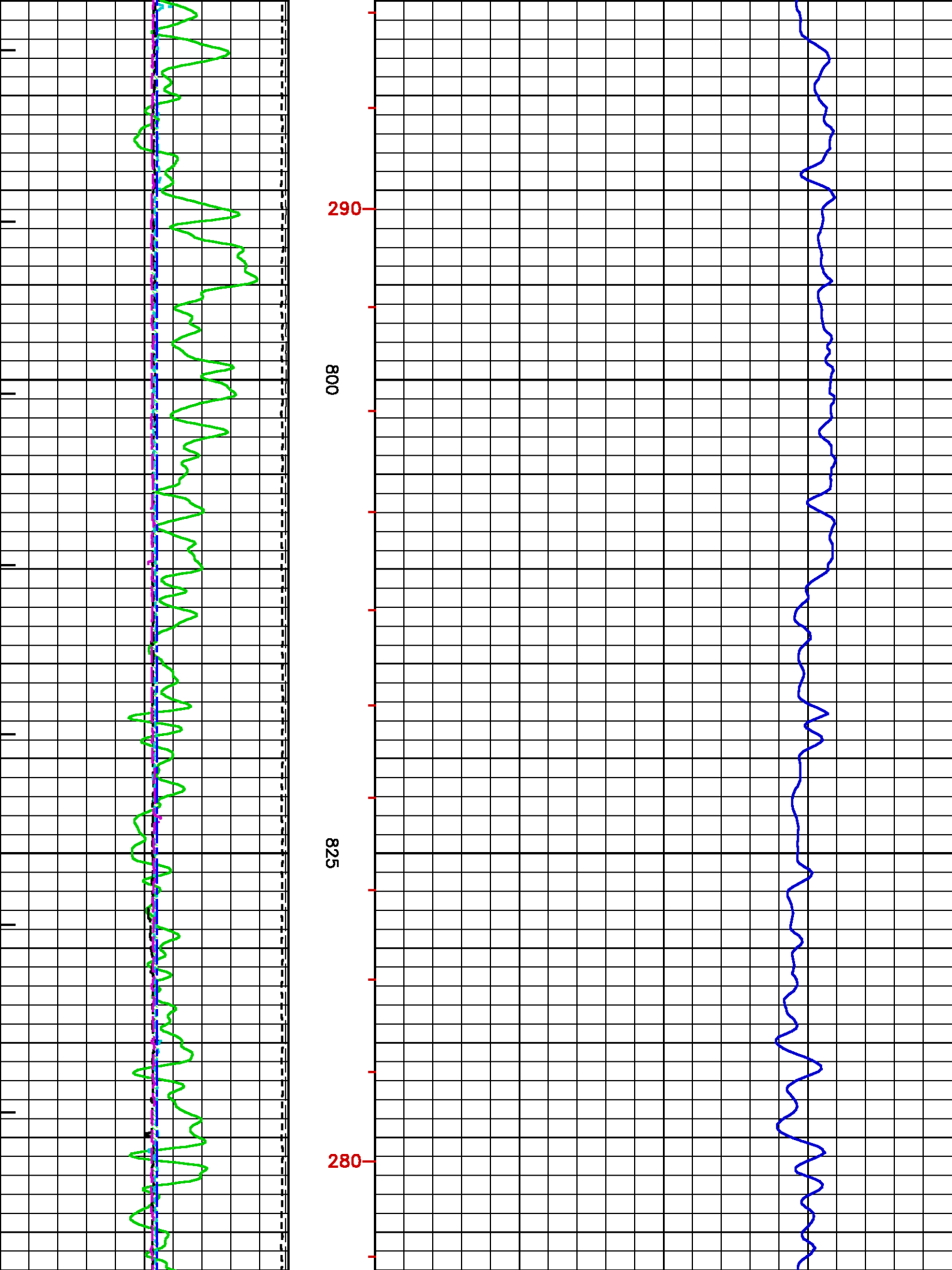
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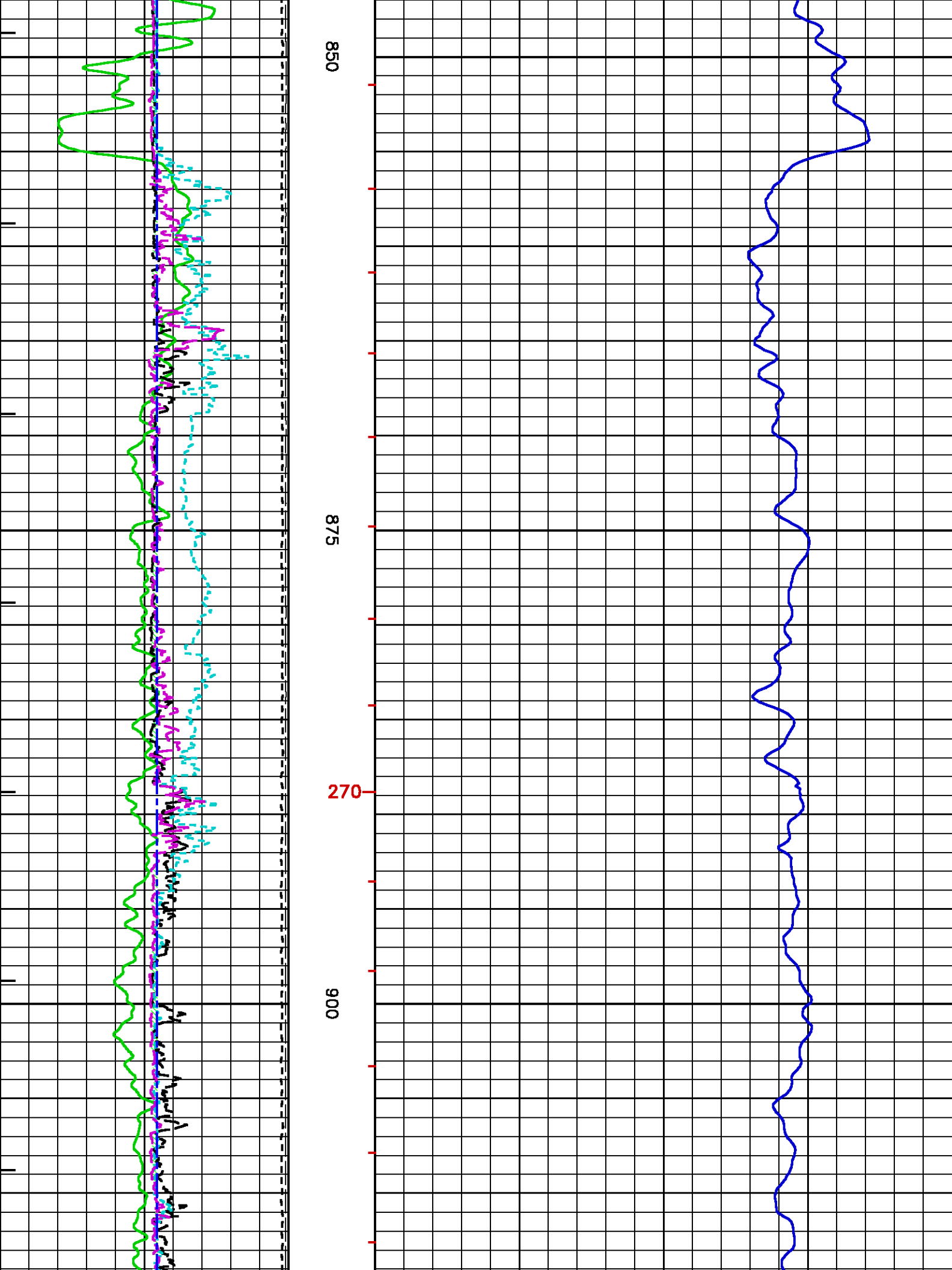
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625

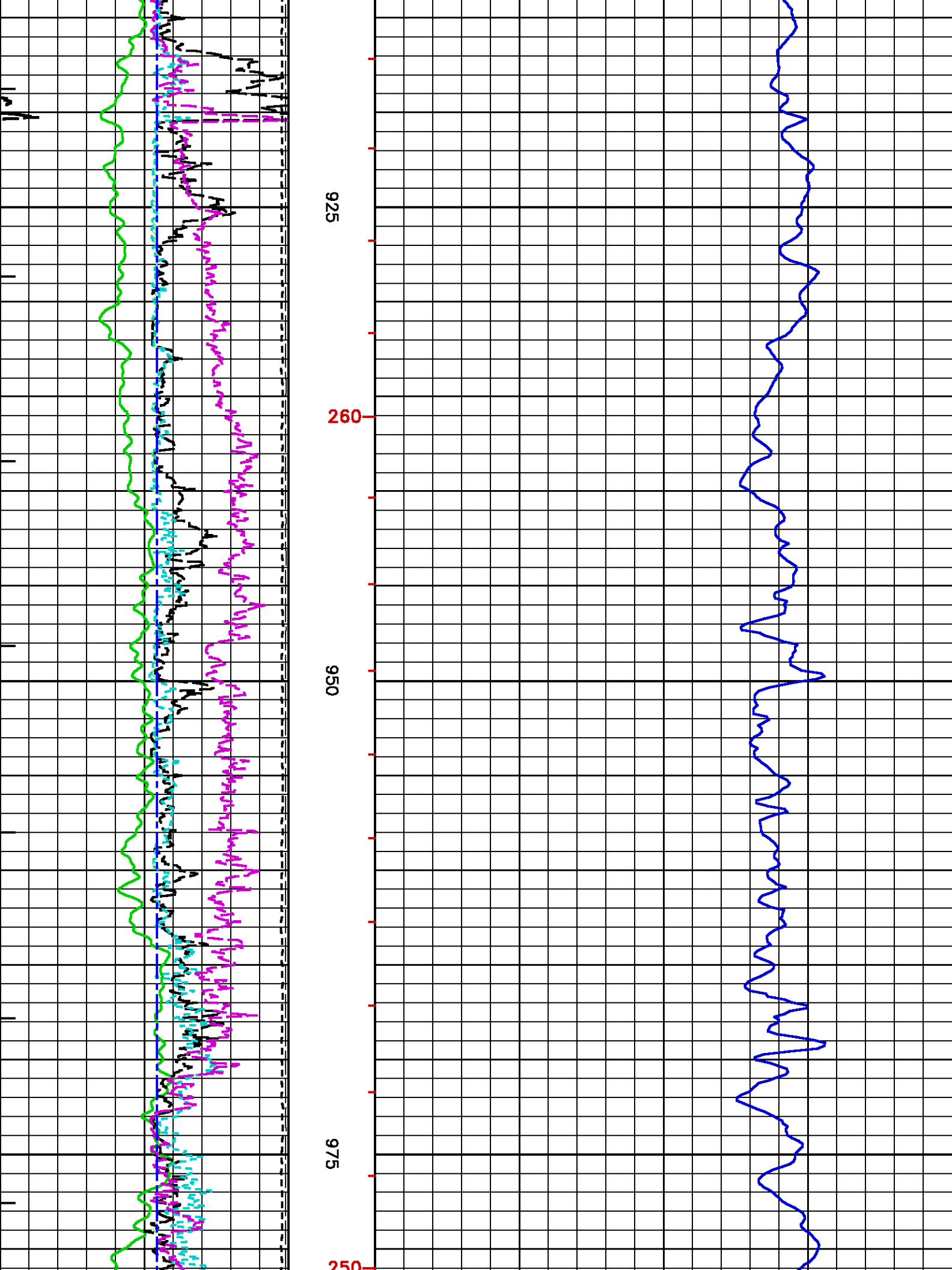


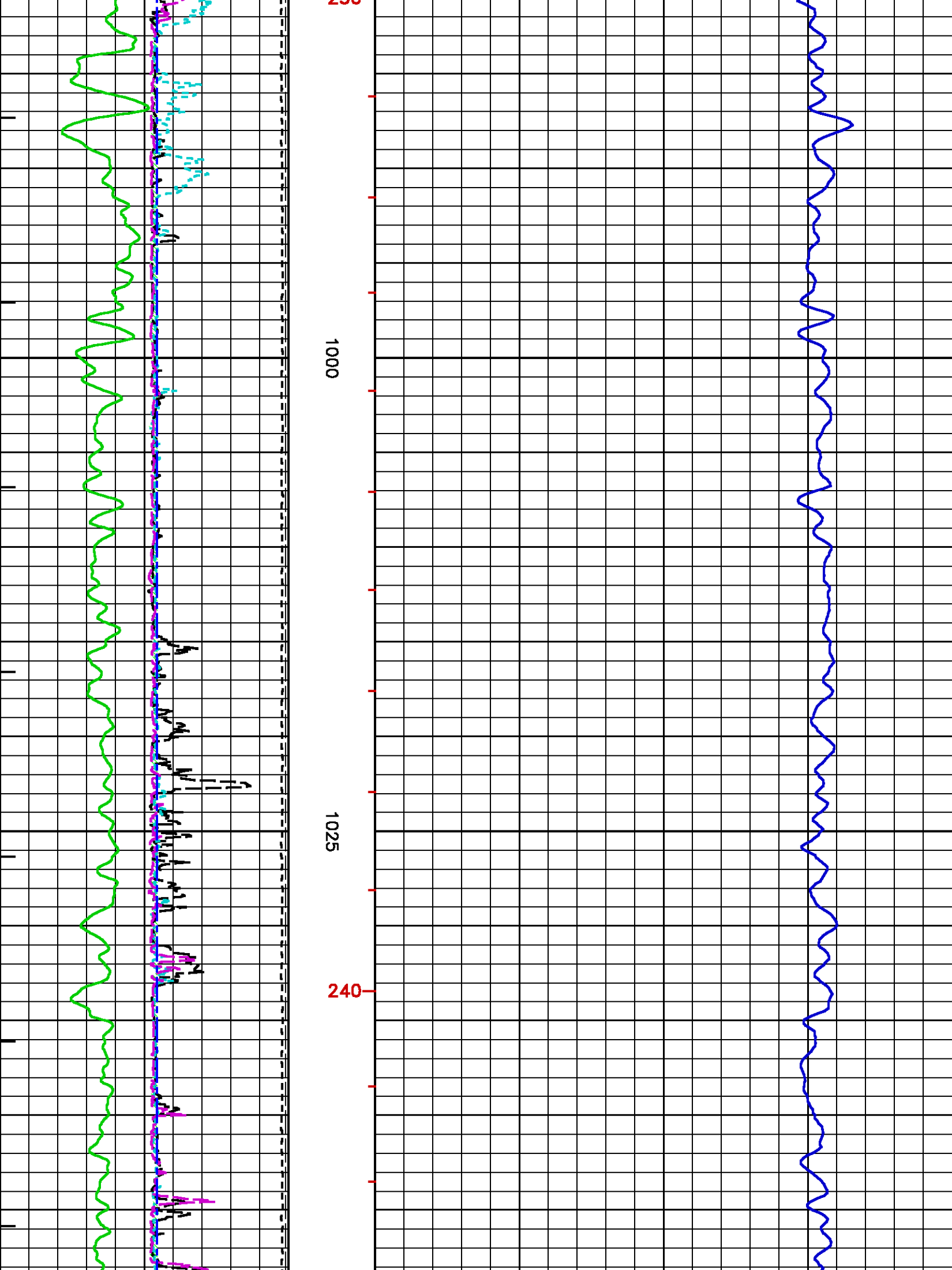


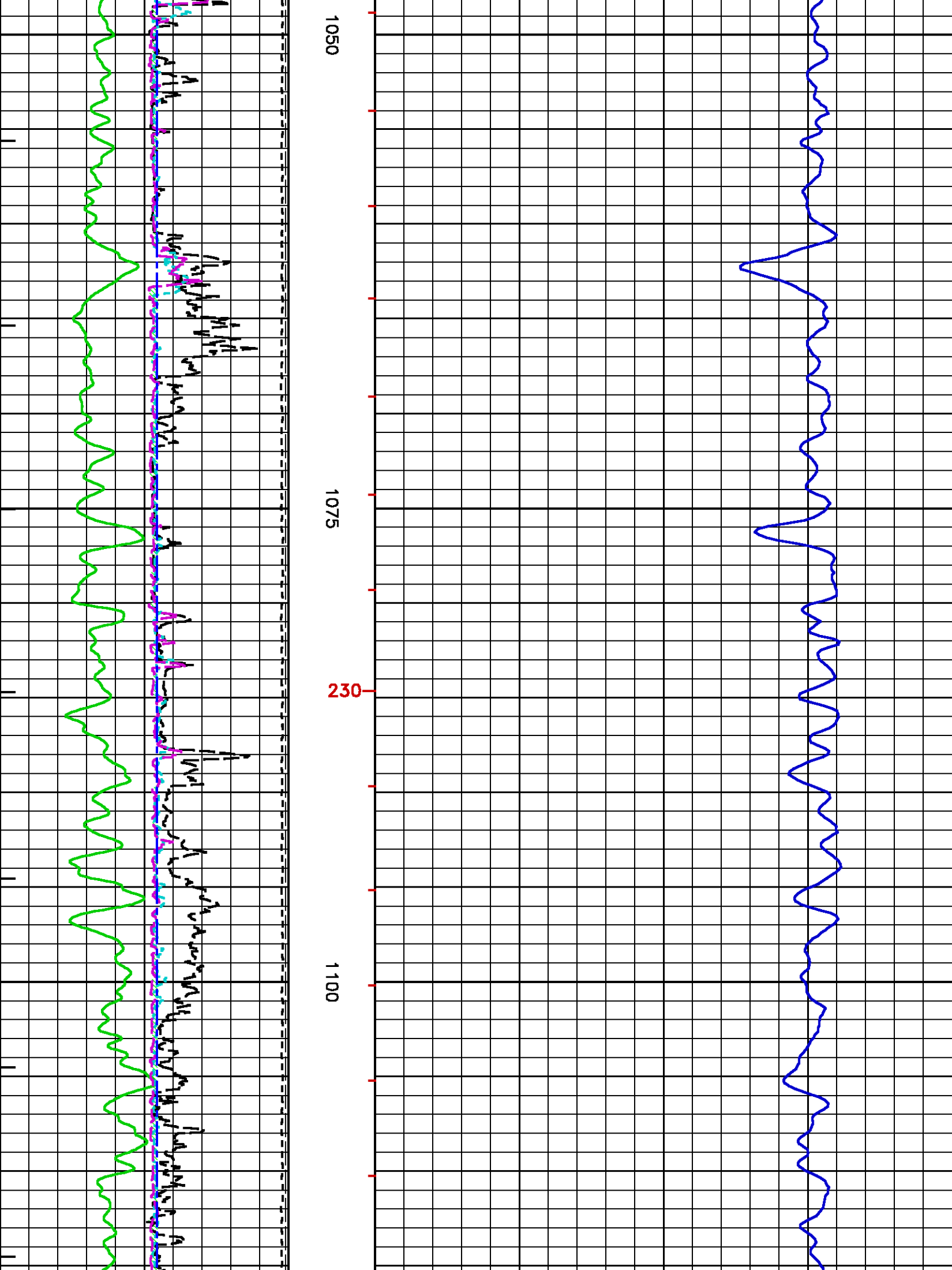


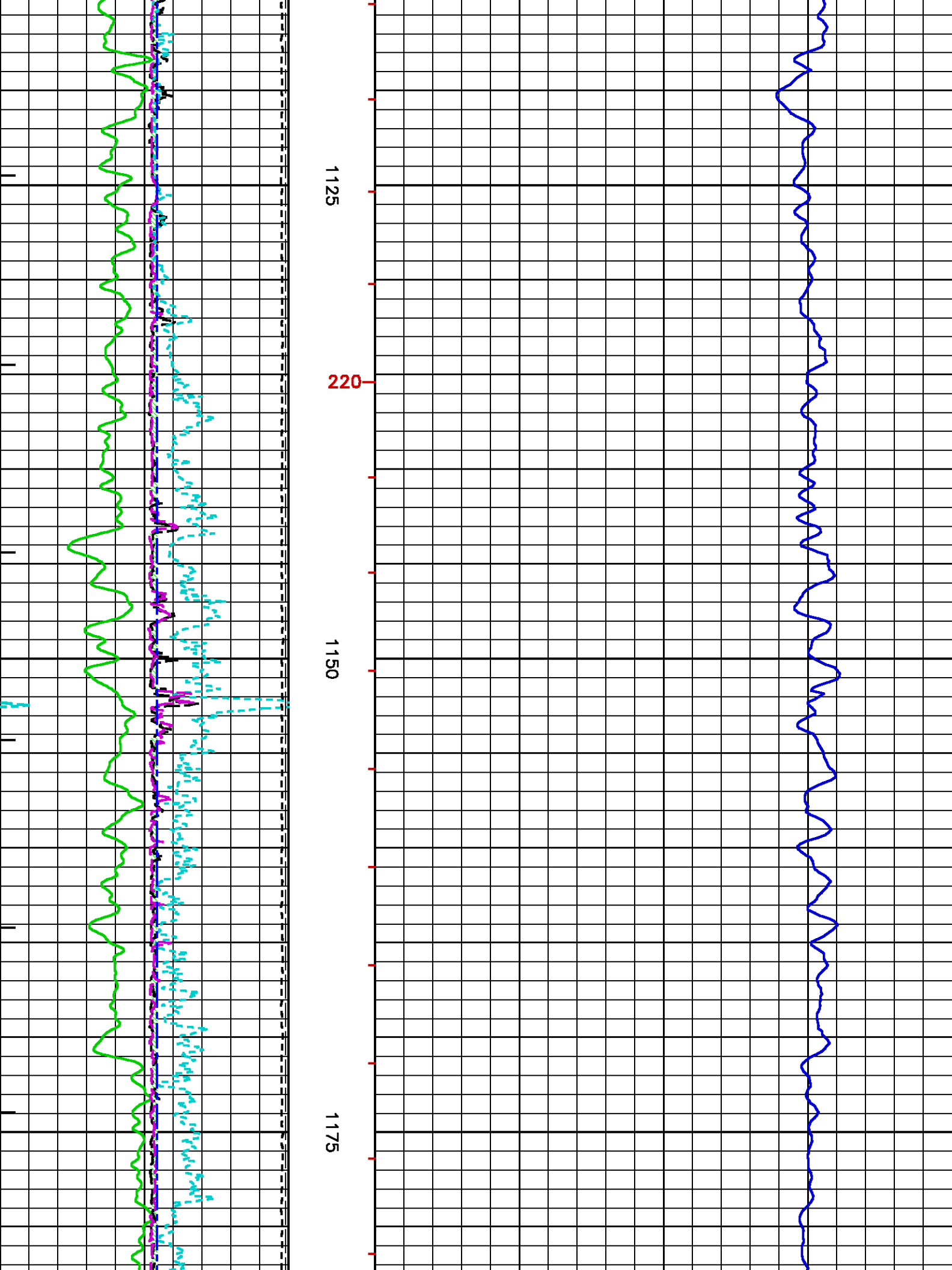


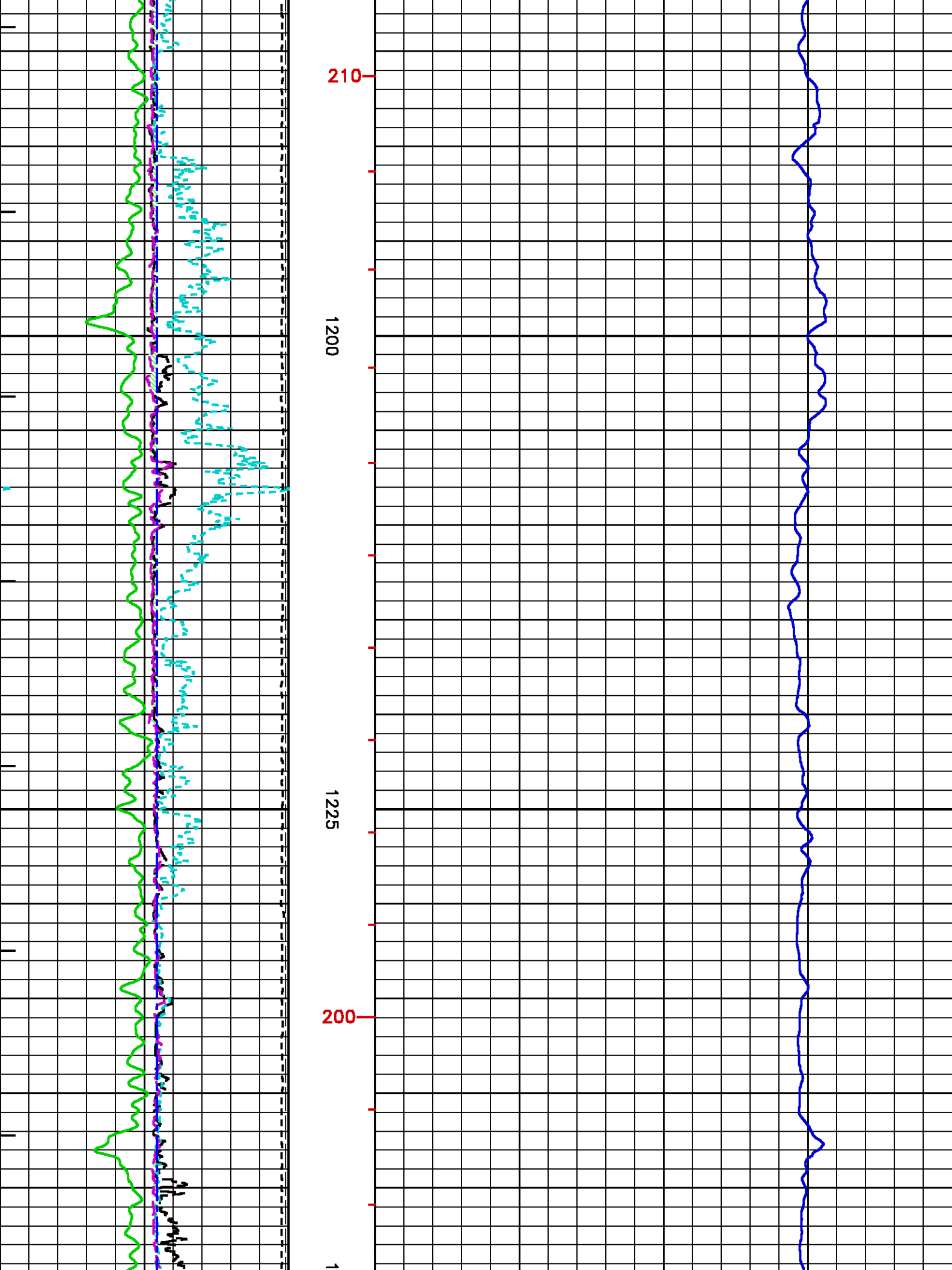


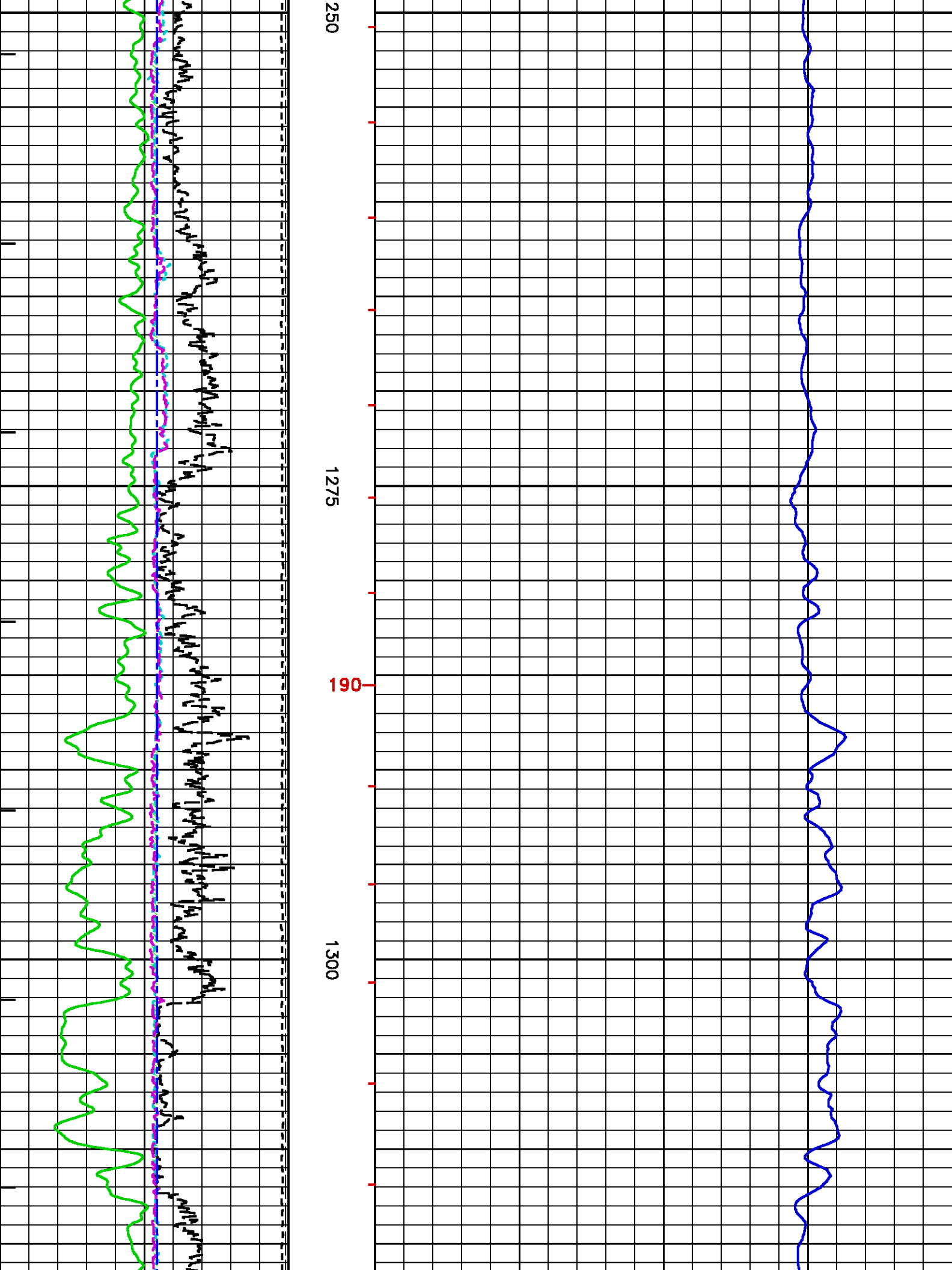


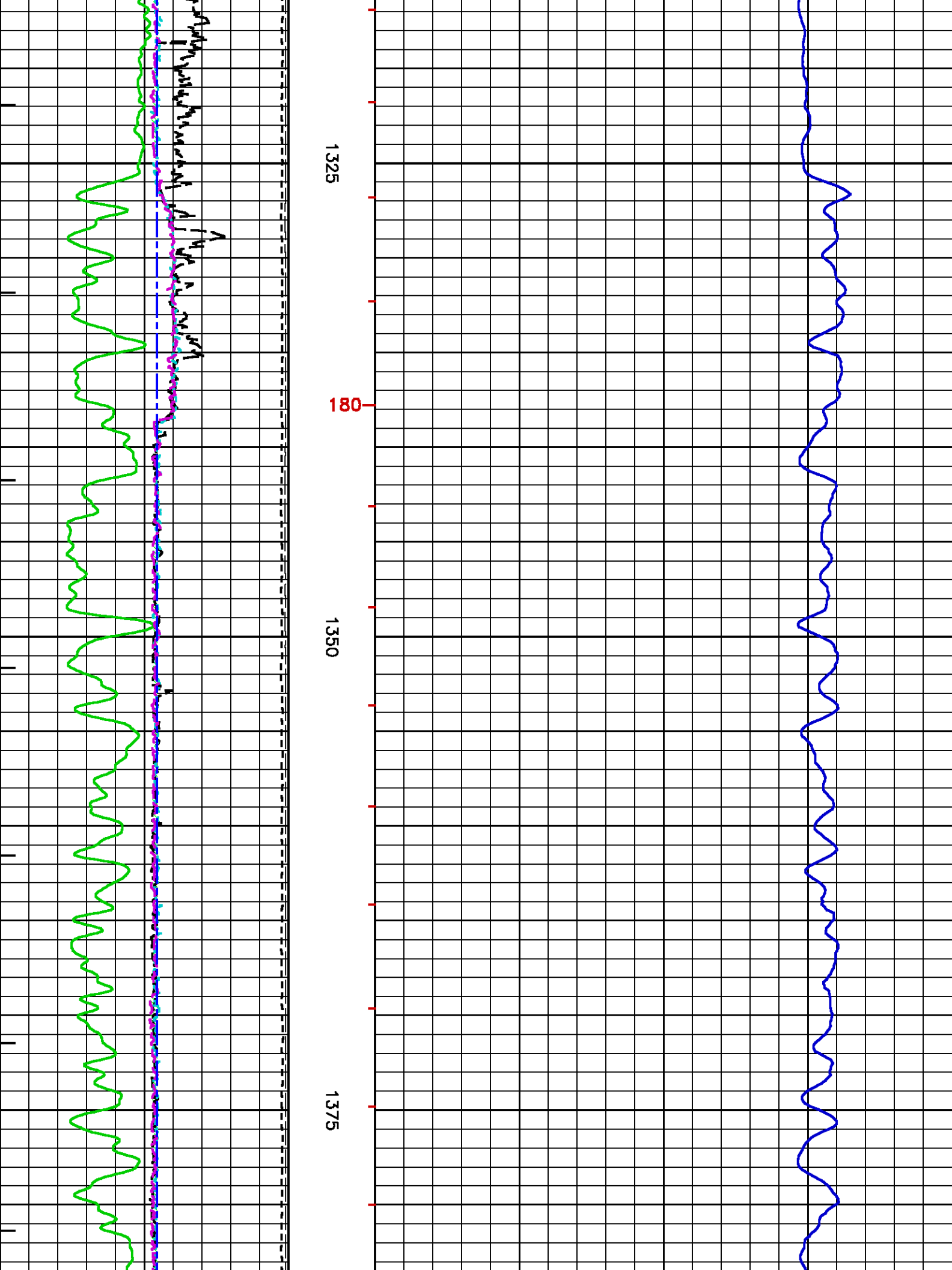


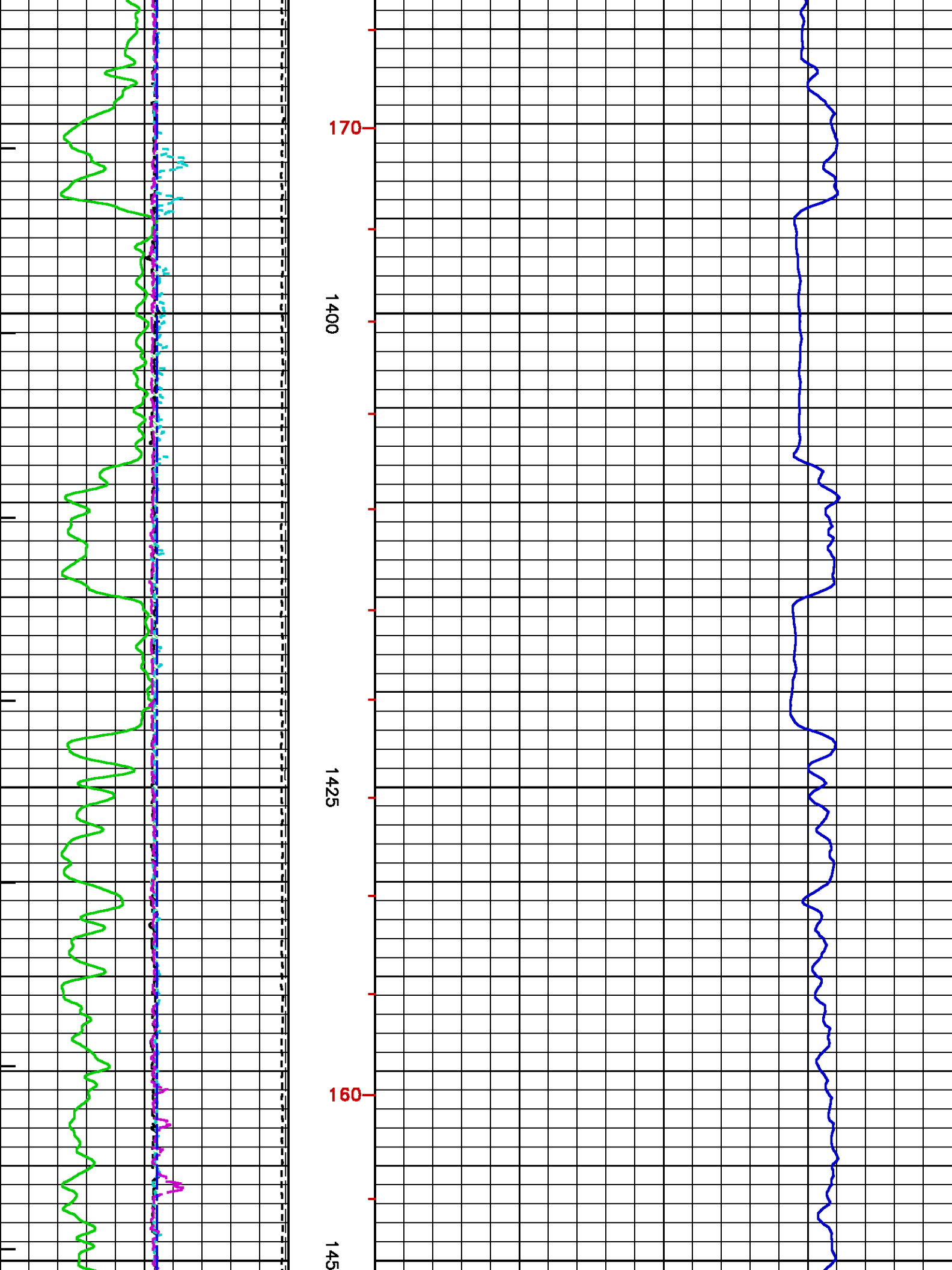


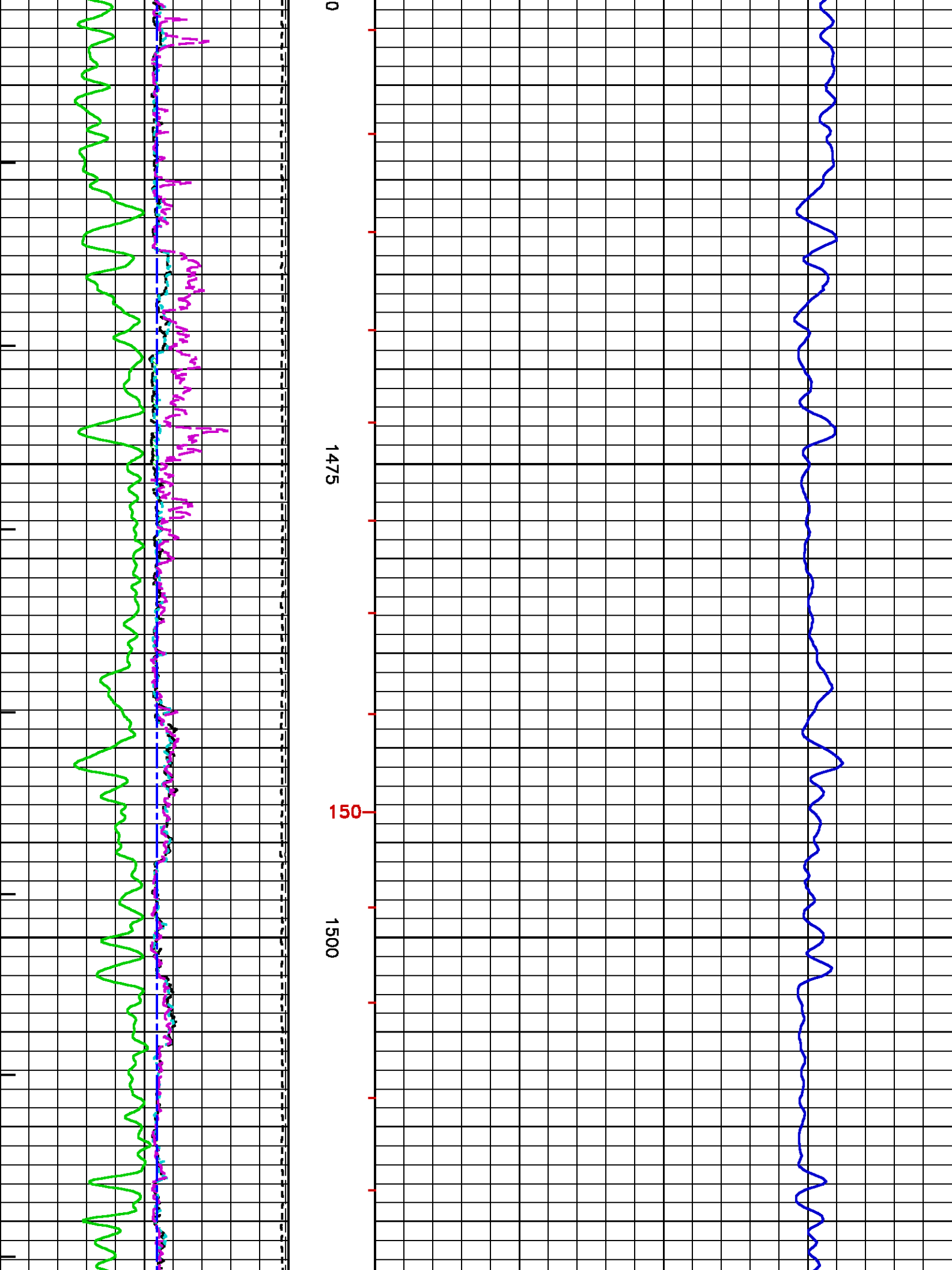


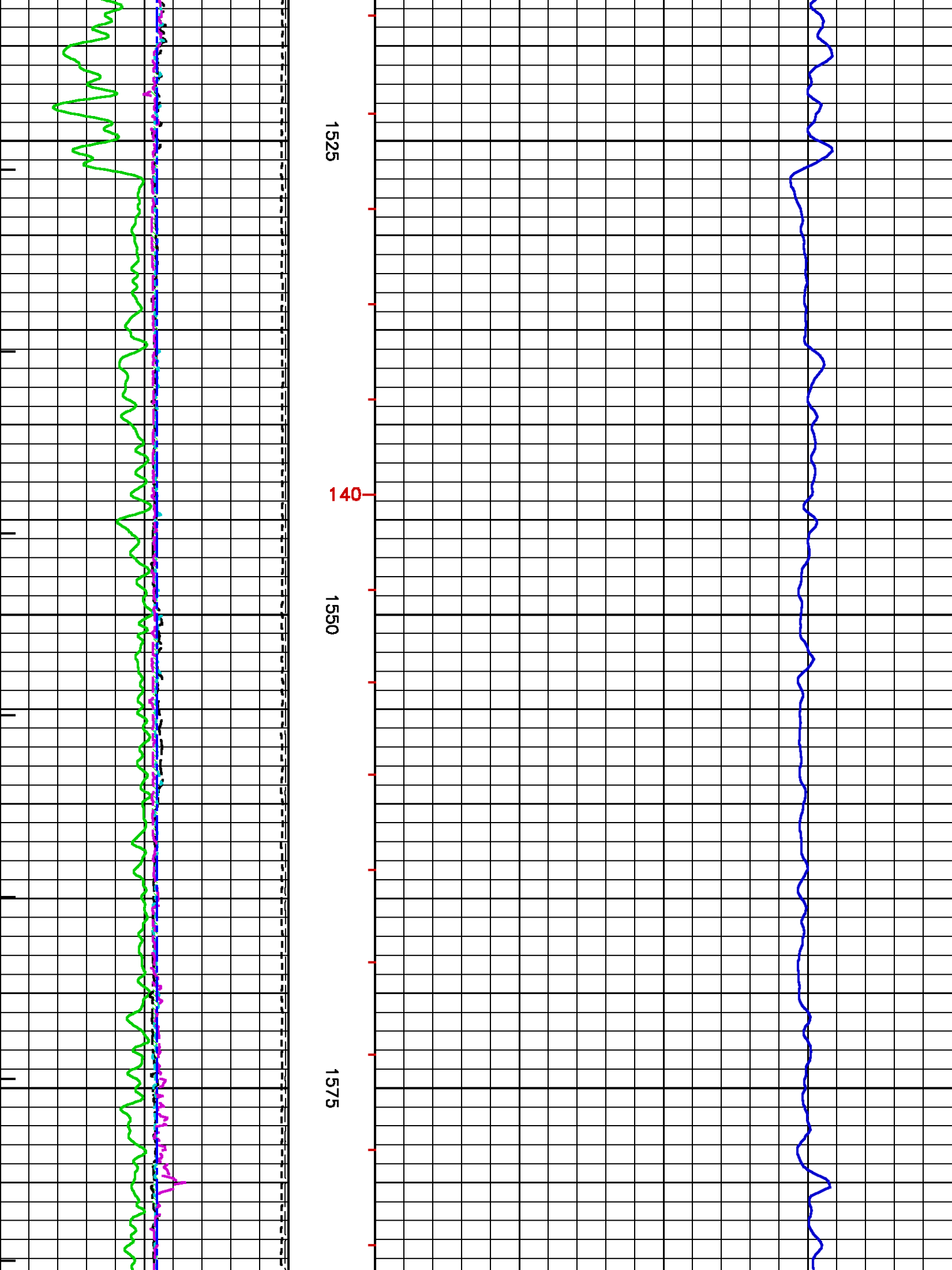


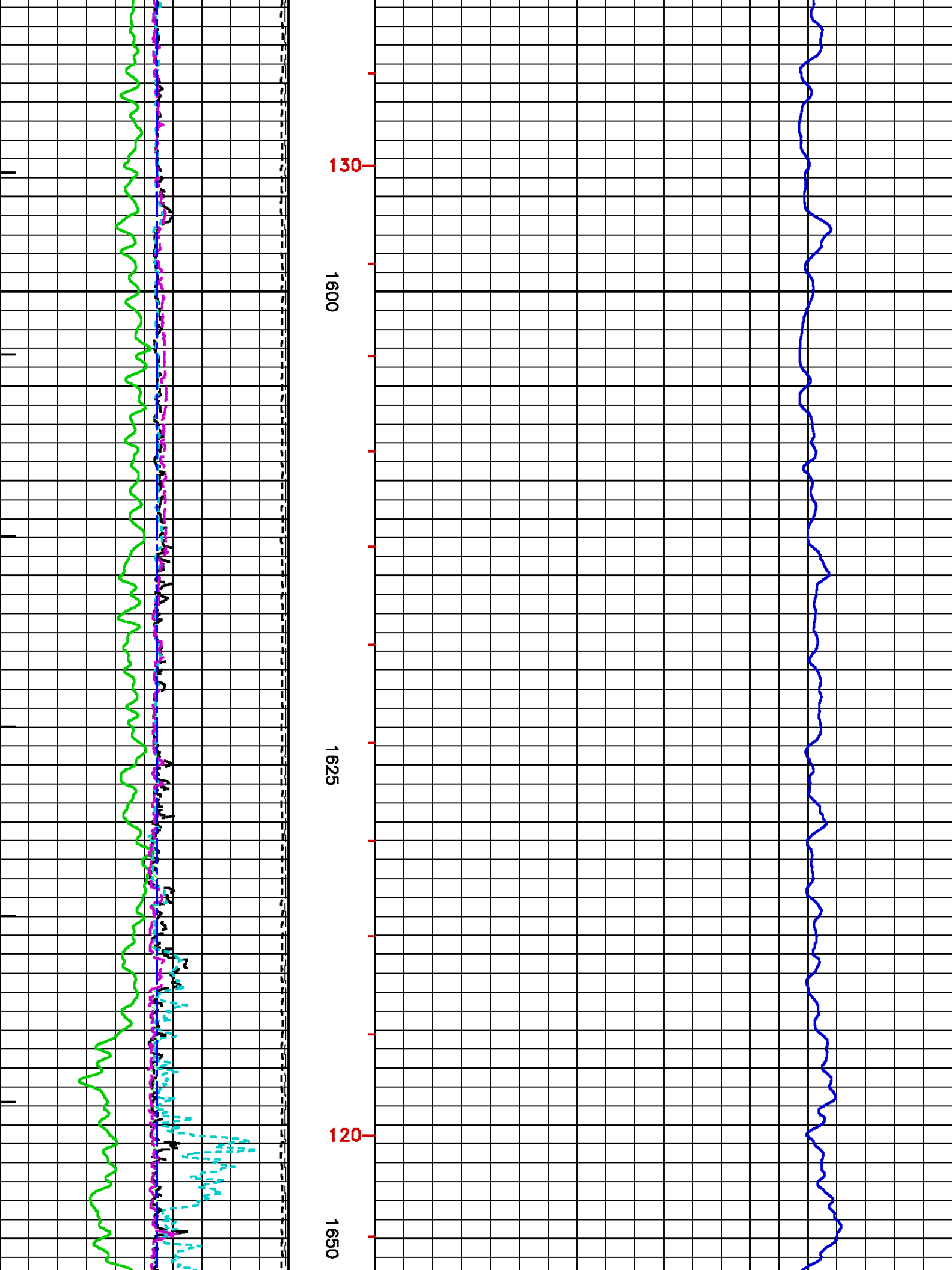


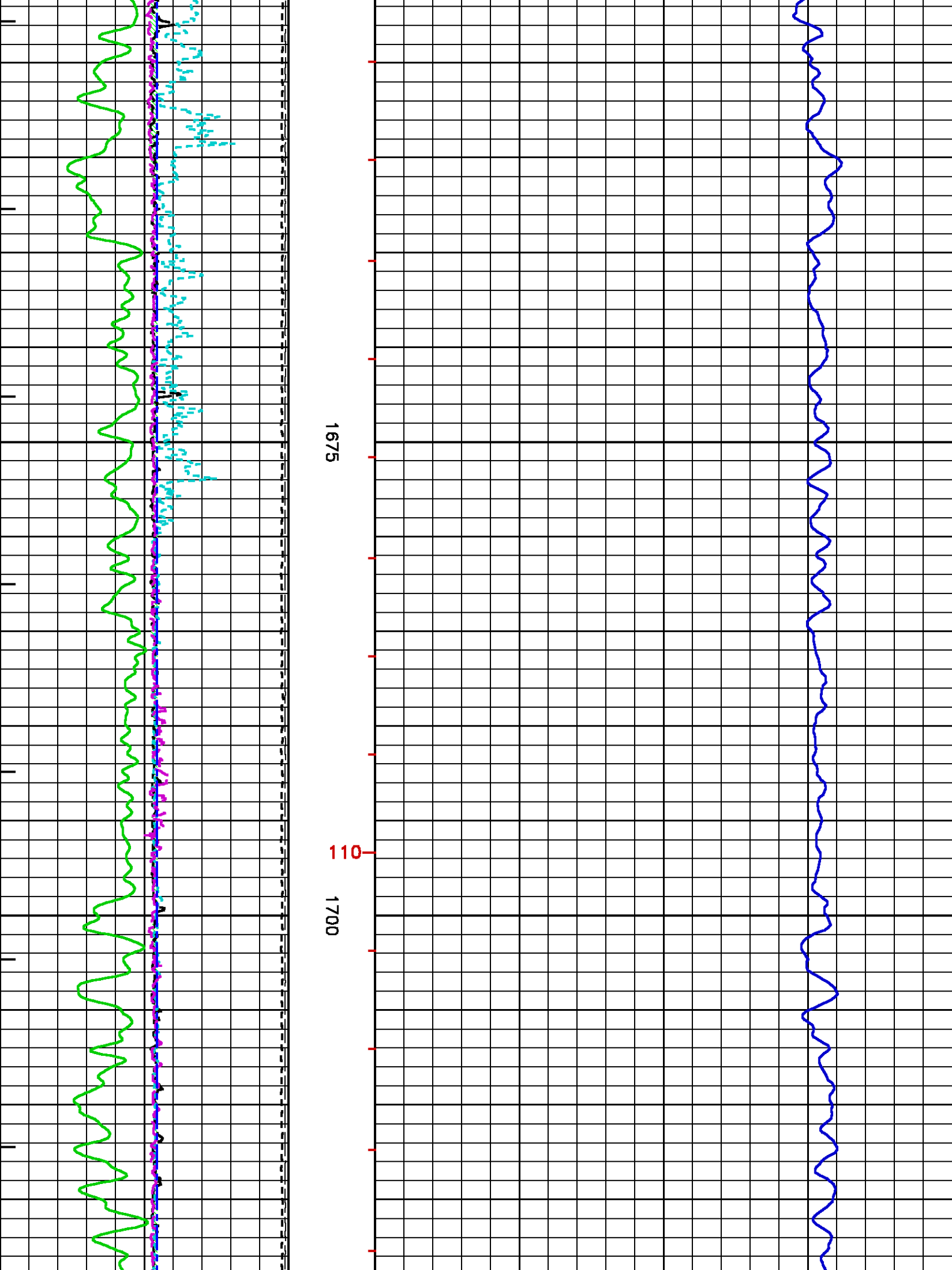


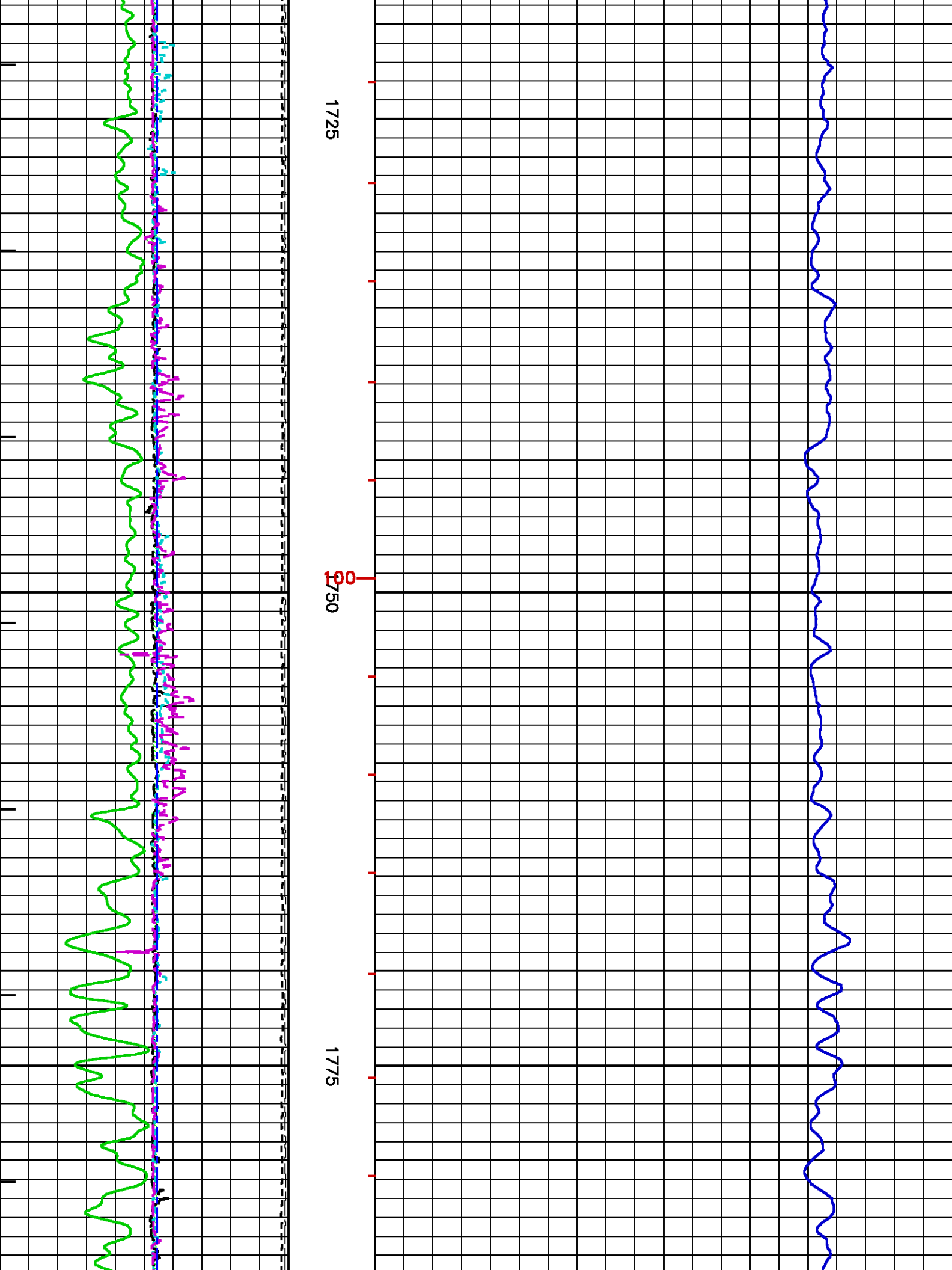


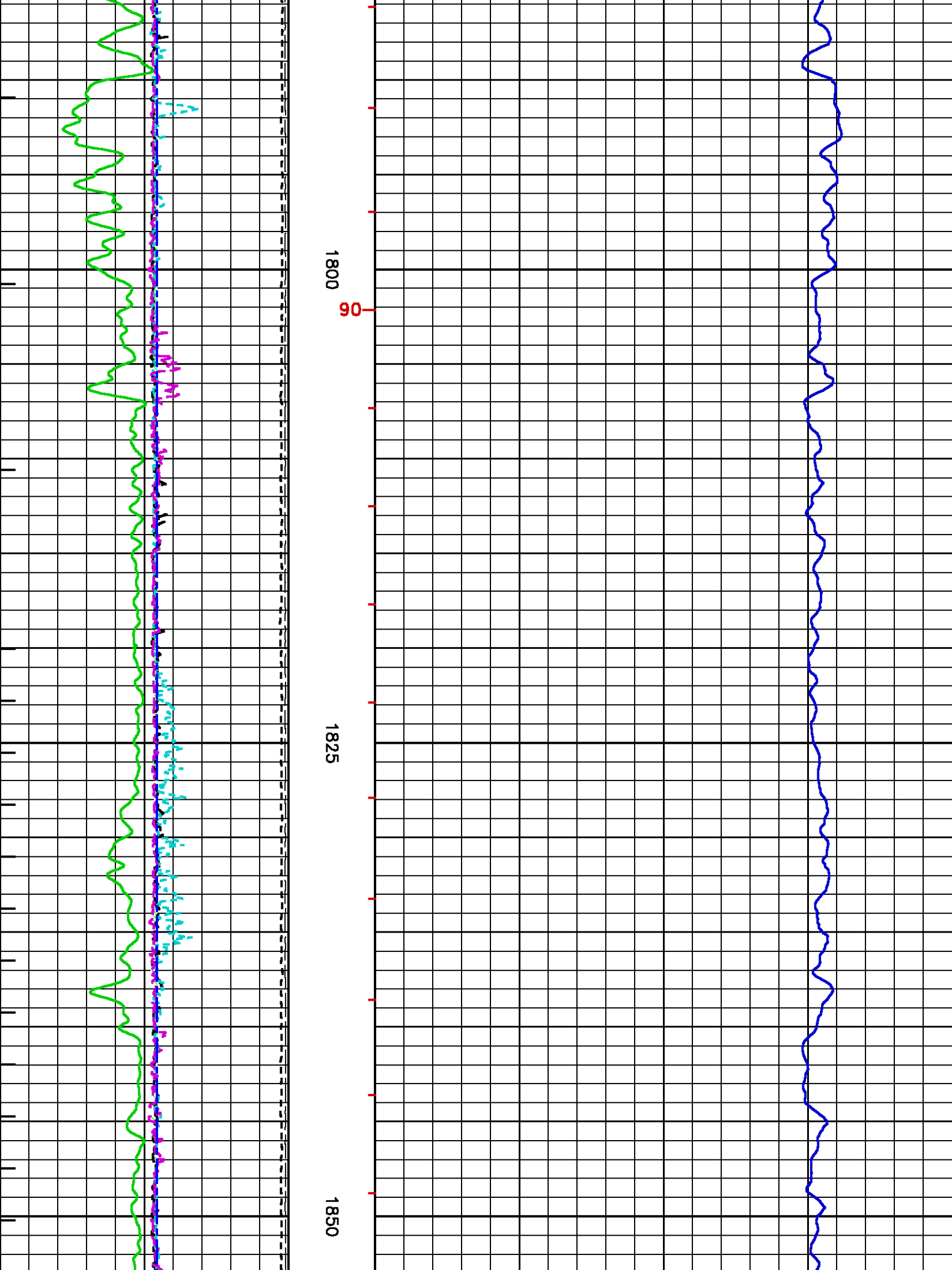


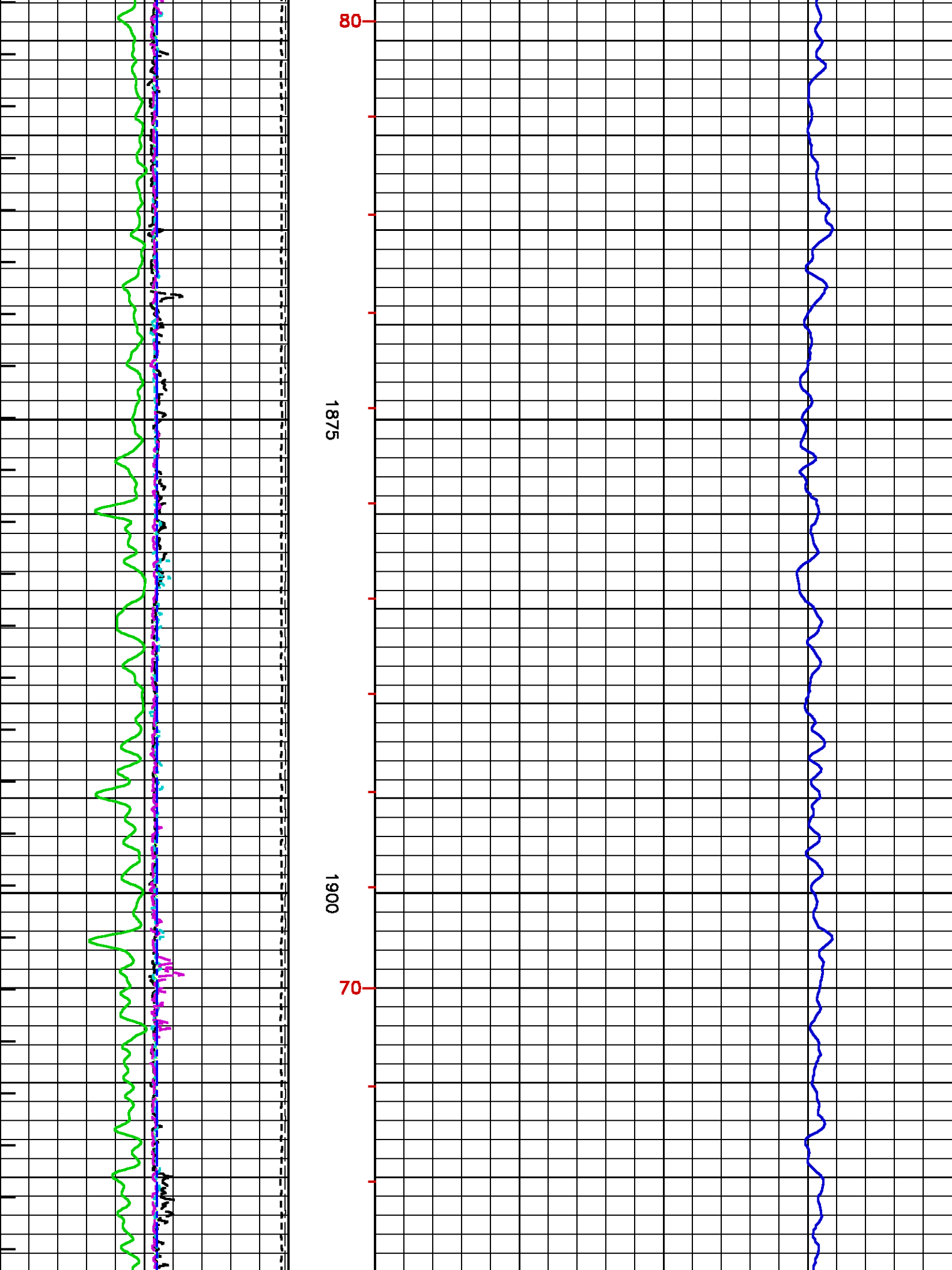


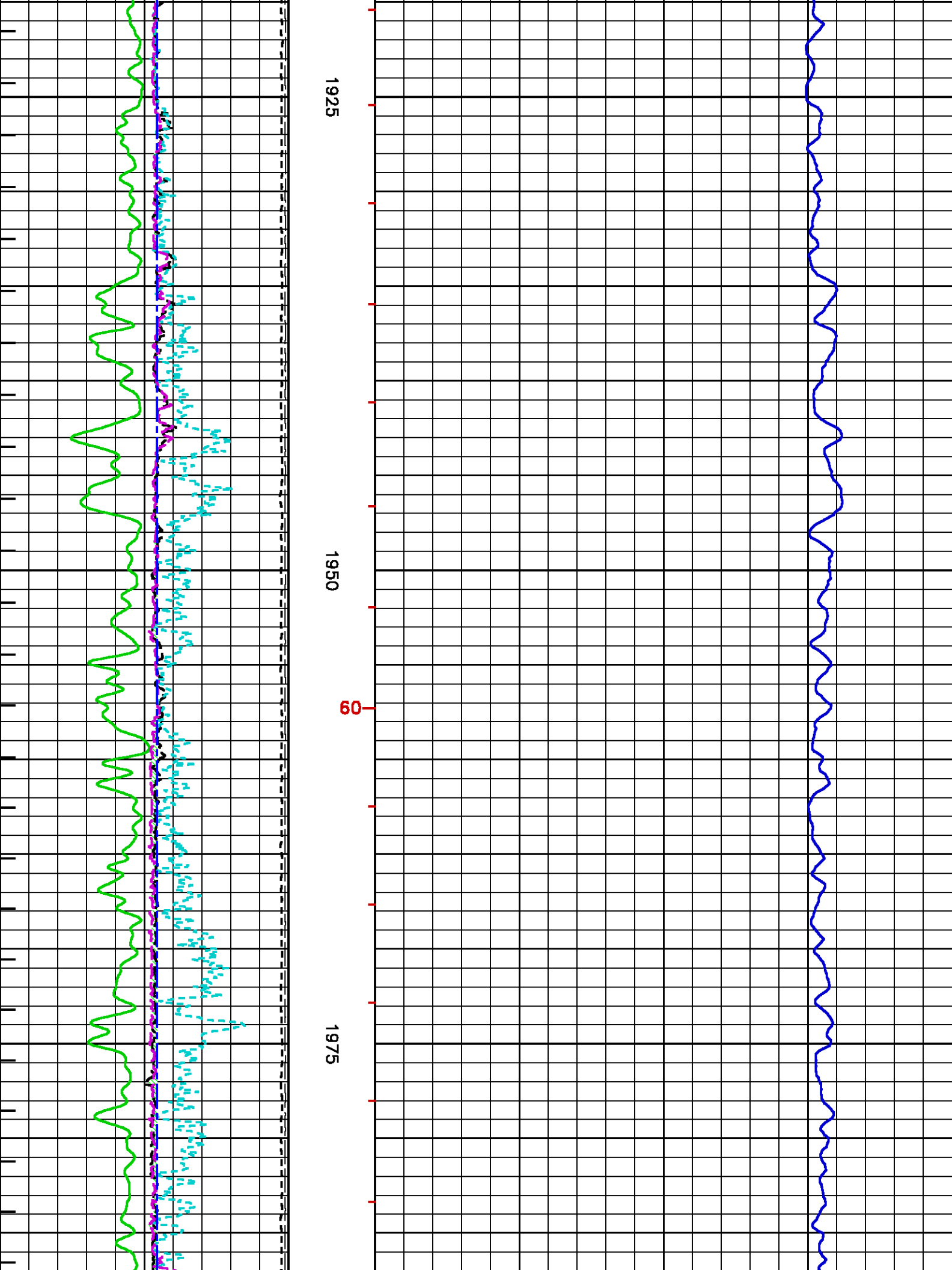


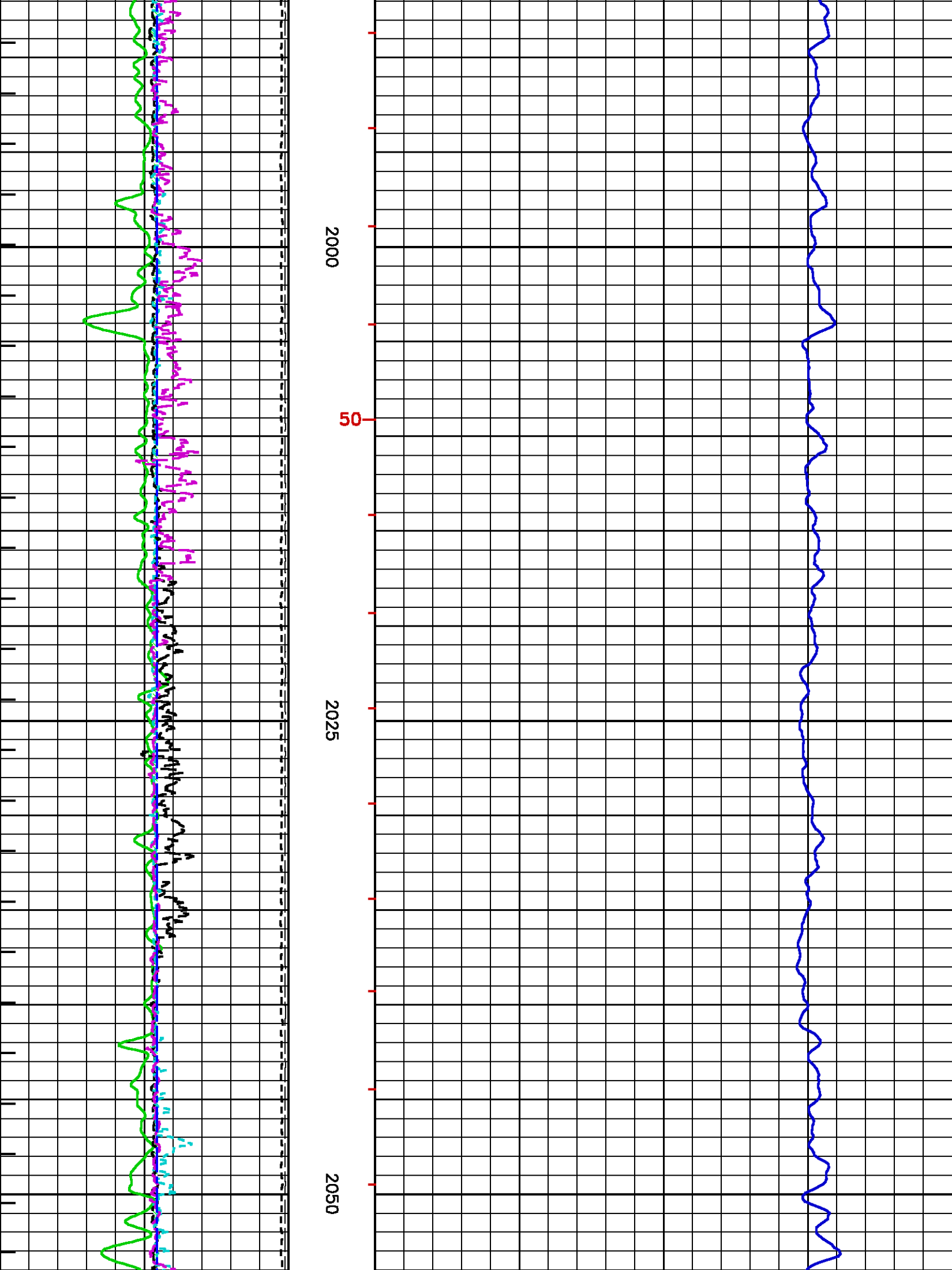


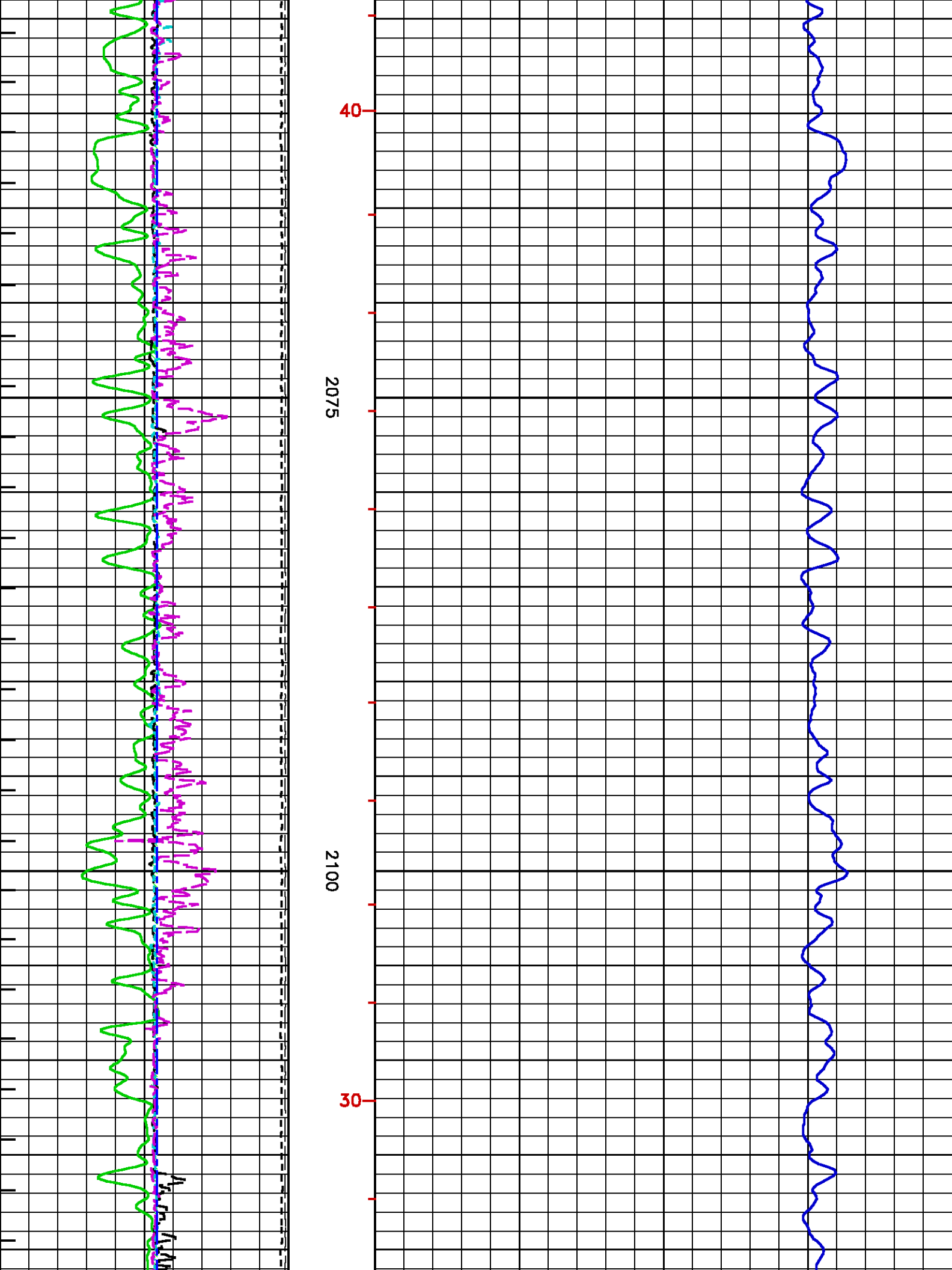


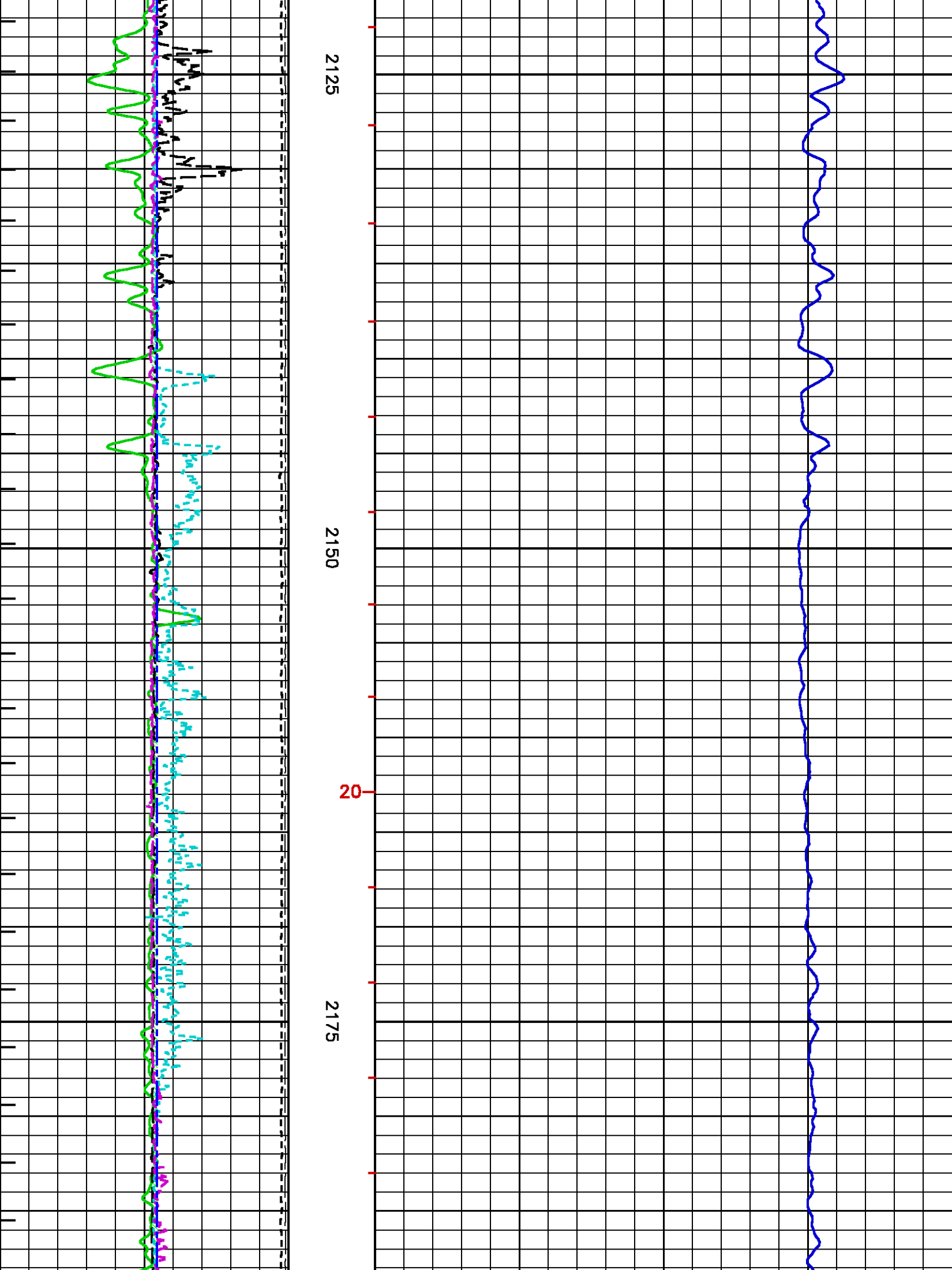


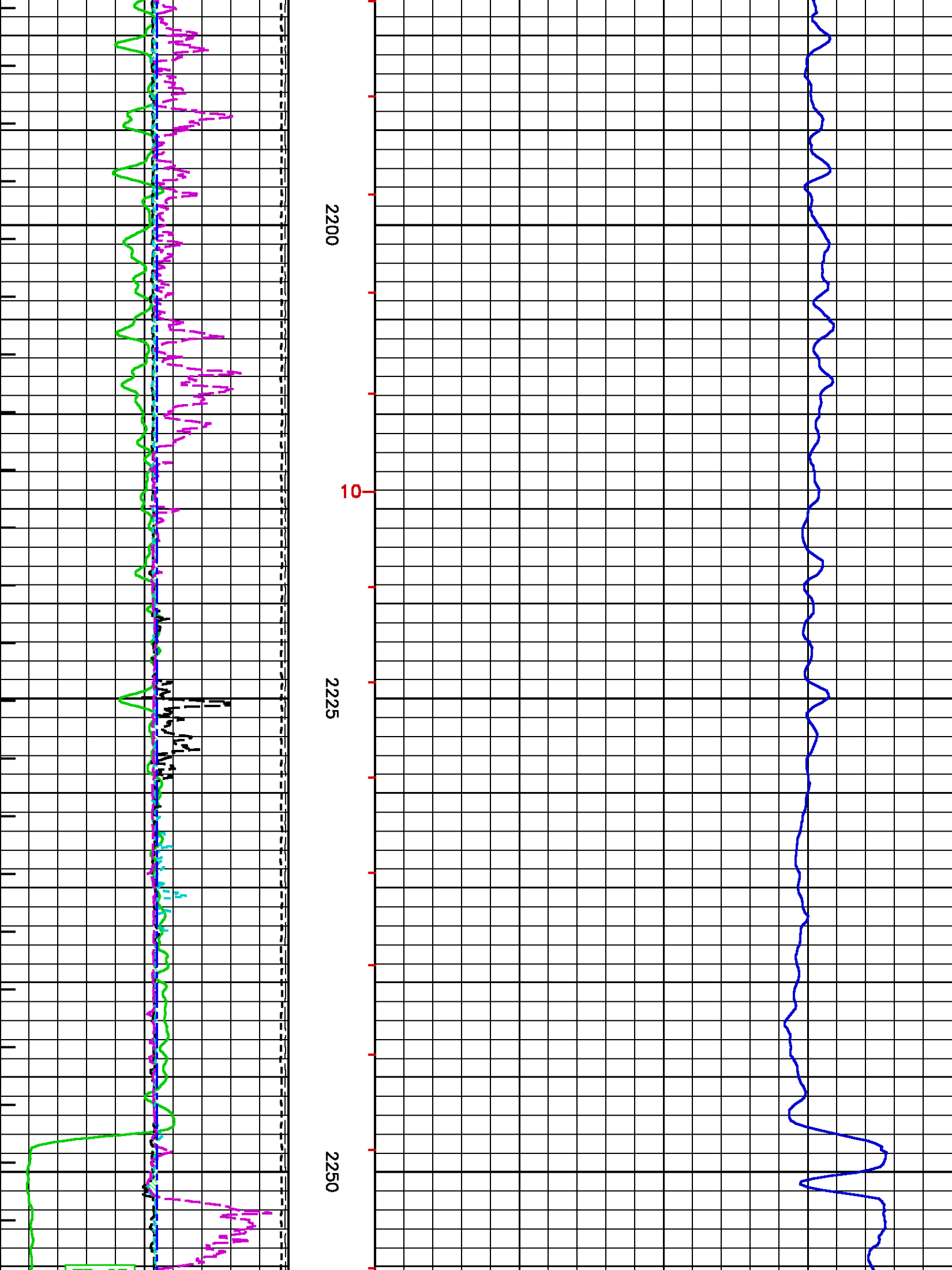


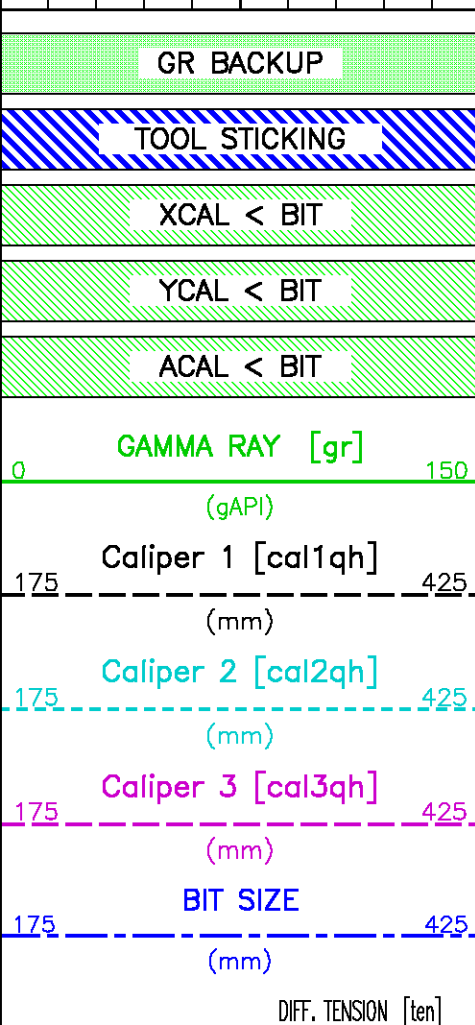
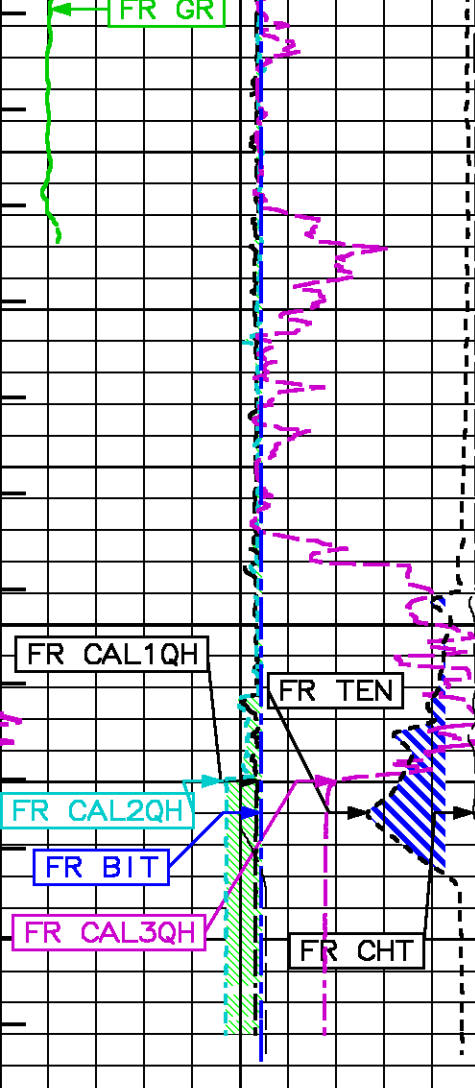








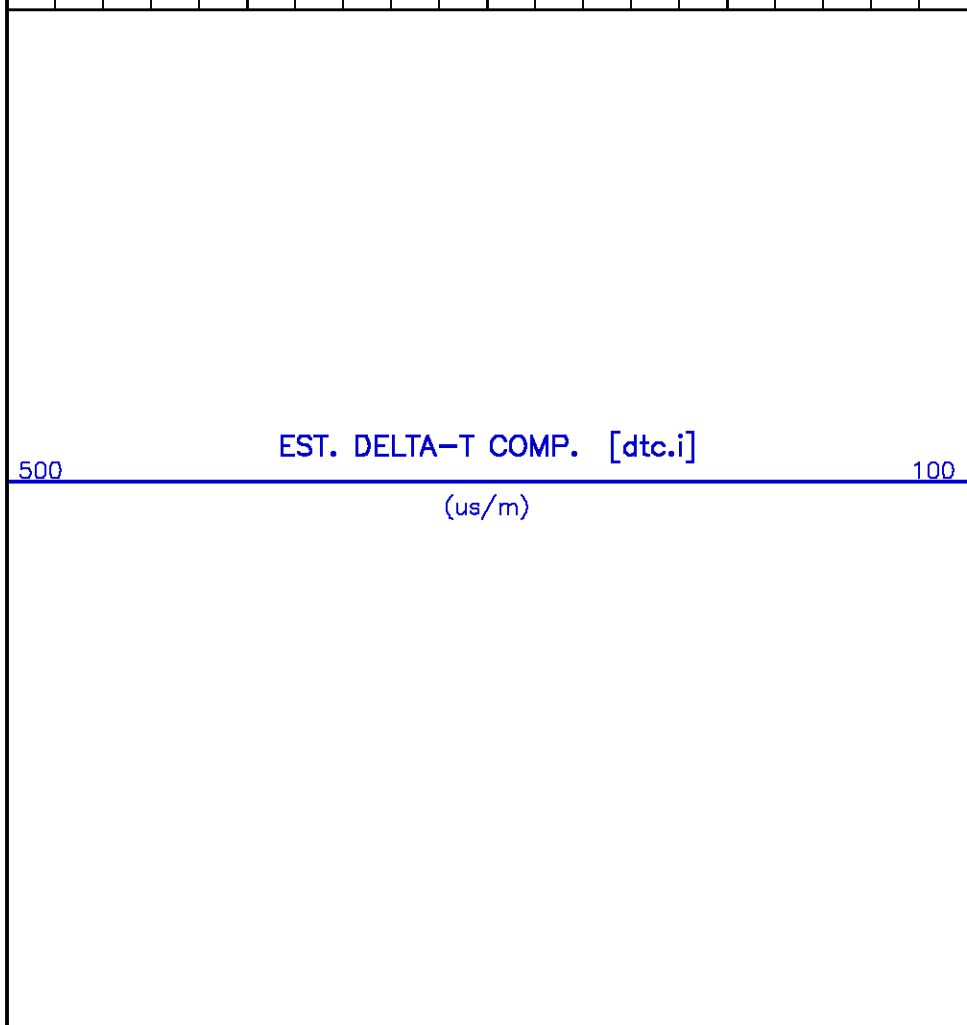
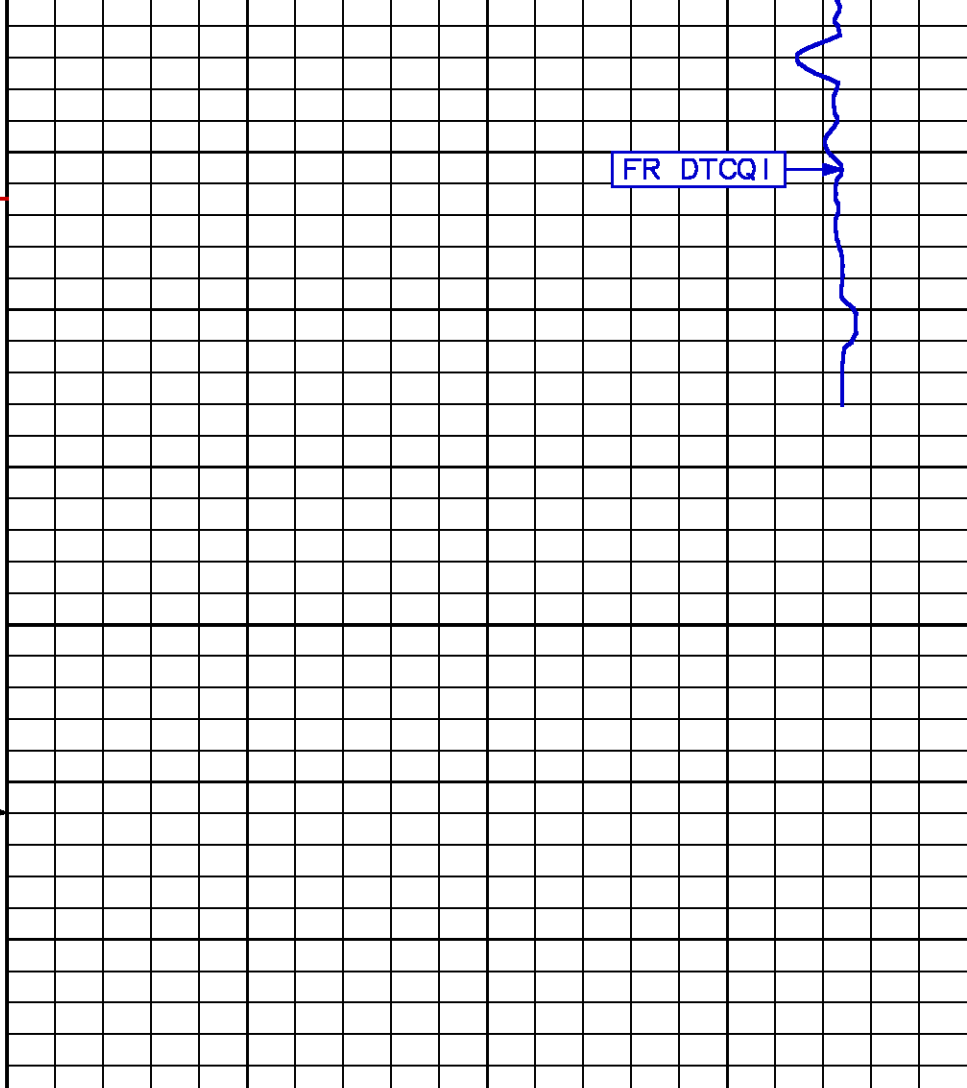




2275

TD

METERS

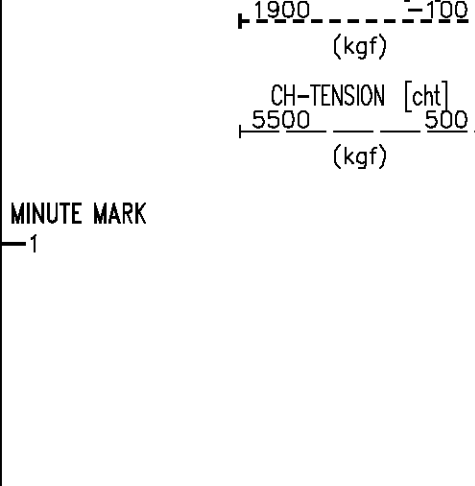


500

EST. DELTA-T COMP. [dtc.i]

100

(us/m)



MAIN LOG 300:100 SCALE

ECLIPS 6.1i Aug 06, 2010
Patches: 1

Wed Nov 3 03:55:49 2010

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.50

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/nalcor_run1/m8741B1601.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1710.914 m BOTTOM DEPTH: 2289.000 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CHT TENSION GR DT24	FILTER ()	medium (1)		TOP	BOTTOM
	FILTER ()	medium (1)		''	''
	FILTER ()	medium (1)		''	''
	FILTER ()	light (2)		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
BIT SIZE	BIT SIZE	311.000	mm	TOP	BOTTOM

ACOUSTIC AVAN CORRELATION

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
MONOPOLE DELTA T	FORMATION TYPE	GENERIC (MEDIUM)		TOP	BOTTOM
	CORRELATION METHOD	NTH ROOT		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	100	us/m	''	''
	TAPER - RIGHT END	275	us/m	''	''
MONOPOLE COMPRESSIONAL	FLOOR (UNIV. OPTION)	0.050		''	''
	FORMATION TYPE	GENERIC (MEDIUM)		''	''
	CORRELATION METHOD	NTH ROOT		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	100	us/m	''	''
	TAPER - RIGHT END	275	us/m	''	''
	FLOOR (UNIV. OPTION)	0.050		''	''

ACOUSTIC POROSITY

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA T CURVE SELECTION	DT24 SOURCE	AVAN DT24		TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	7000	Hz	''	''
	HIGH FREQ CUTOFF	22500	Hz	''	''
WAVEFORM FILTER - FULLWAVE	SURFACE WAVE FILTER	ON		''	''
	LOW FREQ CUTOFF	2000	Hz	''	''
	HIGH FREQ CUTOFF	20000	Hz	''	''
ACOUSTIC TCC CONTROL PARAMETERS					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
GENERAL TCC PARAMETERS	AGC	ON		TOP	BOTTOM
	SUBCYCLE LENGTH	50		''	''
	SUBSET	1		''	''
GENERAL MONOPOLE TCC PARAMETERS	STACK LEVEL	2		''	''
	DSP FILTER	ON		''	''
DELTA T TCC PARAMETERS	ACG WINDOW	1296	us	TOP	2151.337
		1664	us	2151.337	BOTTOM
	MOVEOUT	16	us/ft	TOP	BOTTOM
	SAMPLE PERIOD	16		''	''
	RX DELAY	192	us	TOP	2154.075
		240	us	2154.075	BOTTOM
FULL WAVE MONOPOLE TCC PARAMETERS	ACG WINDOW	8064	us	TOP	BOTTOM
	SAMPLE PERIOD	24		''	''
	RX DELAY	0	us	''	''
PARAMETER AND FILTER SUMMARY REPORT					
FILE: /data/pass/nalcor_run1/m8741B1602.prm					
LOGGING MODE: DEPTH DIRECTION: UP					
TOP DEPTH: 558.622 m BOTTOM DEPTH: 1848.993 m					
SYMMETRIC FILTER					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CHT	FILTER ()	medium (1)		TOP	BOTTOM
TENSION	FILTER ()	medium (1)		''	''
GR	FILTER ()	medium (1)		''	''
DT24	FILTER ()	light (2)		''	''
BOREHOLE & CEMENT					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
BIT SIZE	BIT SIZE	311.000	mm	TOP	BOTTOM
ACOUSTIC AVAN CORRELATON					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
MONOPOLE DELTA T	FORMATION TYPE	GENERIC (MEDIUM)		TOP	BOTTOM
	CORRELATION METHOD	NTH ROOT		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	100	us/m	''	''
	TAPER - RIGHT END	275	us/m	''	''
	FLOOR (UNIV. OPTION)	0.050		''	''
MONOPOLE COMPRESSIONAL	FORMATION TYPE	GENERIC (MEDIUM)		''	''
	CORRELATION METHOD	NTH ROOT		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	100	us/m	''	''
	TAPER - RIGHT END	275	us/m	''	''
	FLOOR (UNIV. OPTION)	0.050		''	''
ACOUSTIC POROSITY					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA T CURVE SELECTION	DT24 SOURCE	AVAN DT24		TOP	BOTTOM
ACOUSTIC WAVEFORM FILTER					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	7000	Hz	''	''
	HIGH FREQ CUTOFF	22500	Hz	''	''

WAVEFORM FILTER - FULLWAVE	HIGH FREQ CUTOFF	22500	Hz	''	''
	SURFACE WAVE FILTER	ON		''	''
	LOW FREQ CUTOFF	2000	Hz	''	''
	HIGH FREQ CUTOFF	20000	Hz	''	''

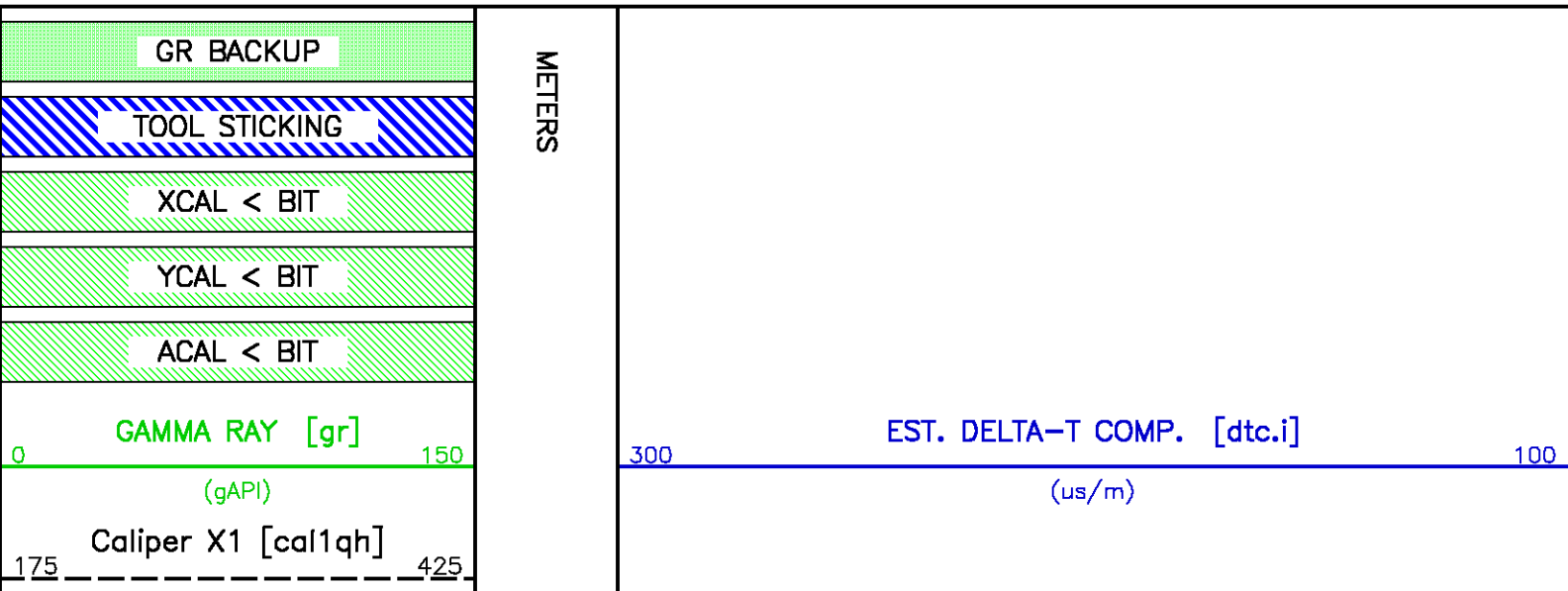
ACOUSTIC TCC CONTROL PARAMETERS					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
GENERAL TCC PARAMETERS	AGC	ON		TOP	BOTTOM
	SUBCYCLE LENGTH	50		''	''
	SUBSET	1		''	''
GENERAL MONOPOLE TCC PARAMETERS	STACK LEVEL	2		''	''
	DSP FILTER	ON		''	''
DELTA T TCC PARAMETERS	ACG WINDOW	1296	us	''	''
	MOVEOUT	16	us/ft	''	''
	SAMPLE PERIOD	16		''	''
	RX DELAY	192	us	''	''
FULL WAVE MONOPOLE TCC PARAMETERS	ACG WINDOW	8064	us	''	''
	SAMPLE PERIOD	24		''	''
	RX DELAY	0	us	''	''

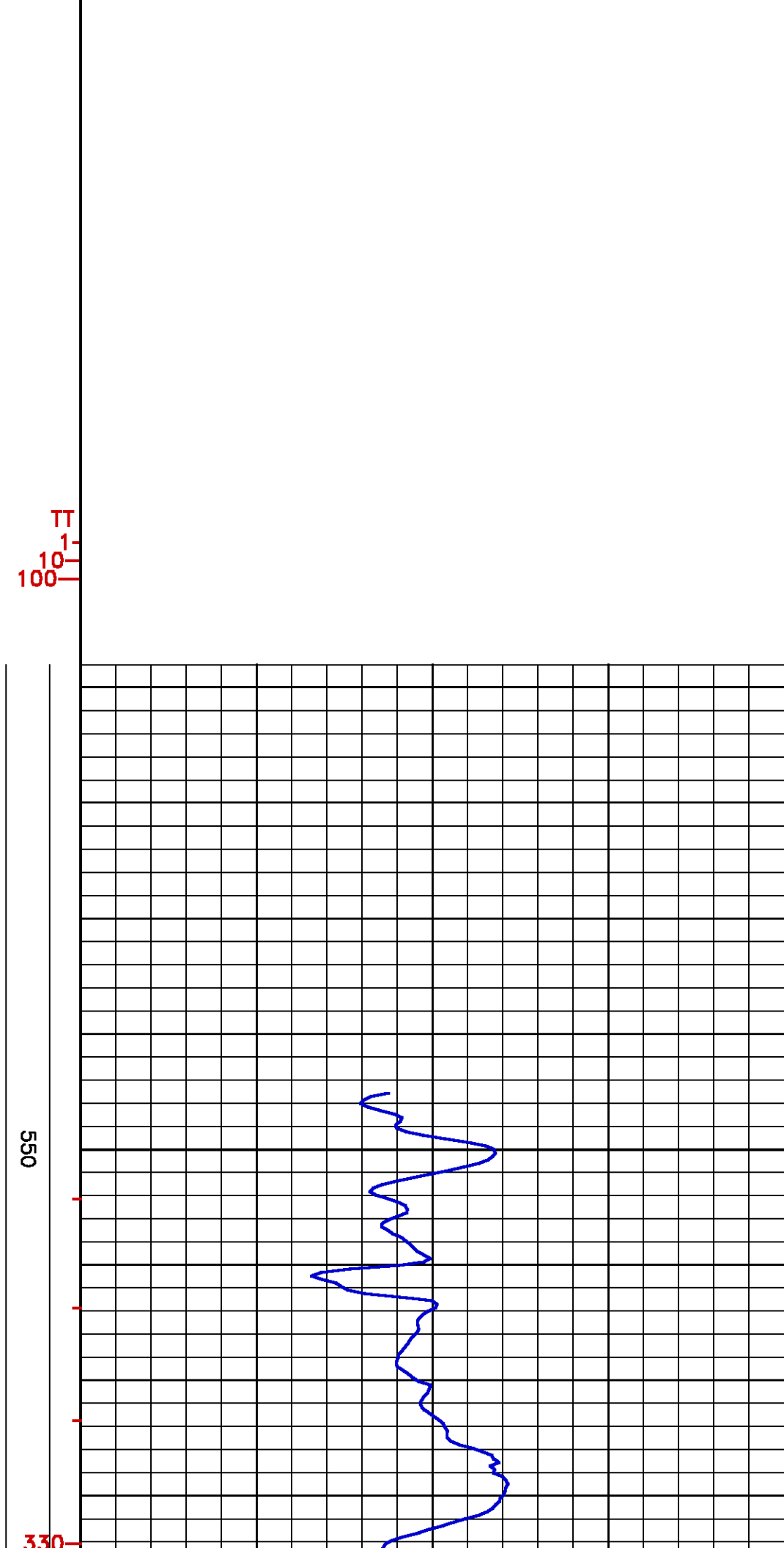
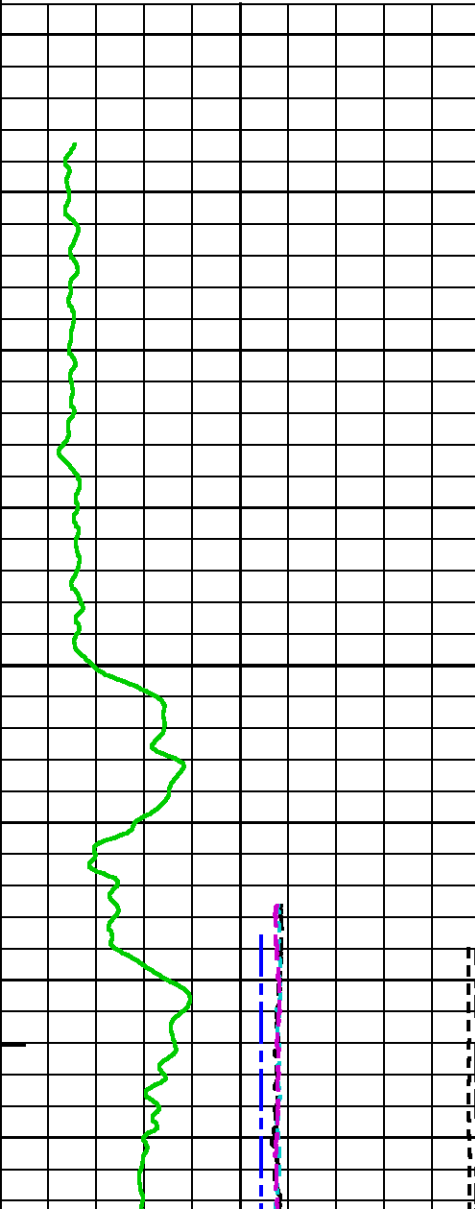
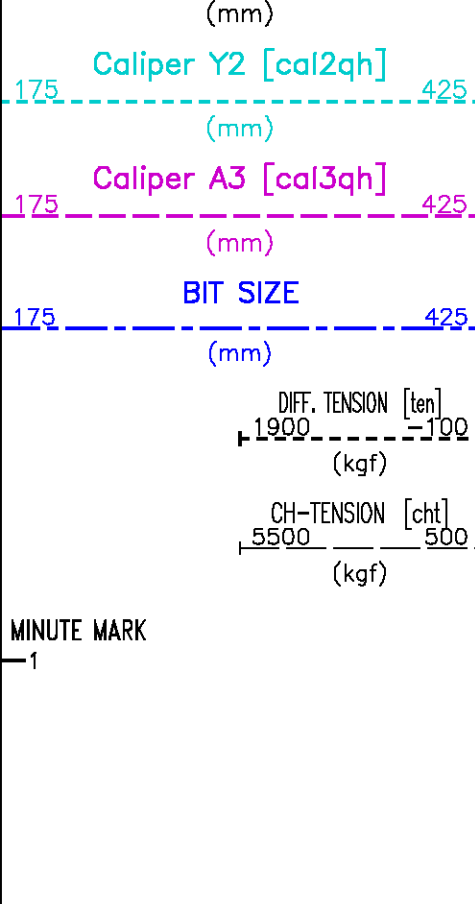
CURVE DESCRIPTION REPORT			
CURVE NAME	CREATION DATE	CURVE DESCRIPTION	
F1:BIT	Nov 2 16:48:02 2010	BIT SIZE	
F1:CAL1QH	Nov 2 16:48:02 2010	DIAMETER FROM PAD 1 AND ITS OPPOSITE	
F1:CAL2QH	Nov 2 16:48:02 2010	DIAMETER FROM PAD 2 AND ITS OPPOSITE	
F1:CAL3QH	Nov 2 16:48:02 2010	DIAMETER FROM PAD 3 AND ITS OPPOSITE	
F1:CHT	Nov 2 16:48:02 2010	CABLE HEAD TENSION	
F1:DTCQI	Nov 2 16:48:02 2010	COMPRESSIONAL WAVE SLOWNESS	
F1:GR	Nov 2 16:48:02 2010	GAMMA RAY	
F1:MMRK	Nov 2 16:48:02 2010	MINUTE MARK	
F1:TEN	Nov 2 16:48:02 2010	DIFFERENTIAL TENSION	
F1:TTQI	Nov 2 16:48:02 2010	INTEGRATED TRAVELTIME FROM ACOUSTIC SLOWNESS	

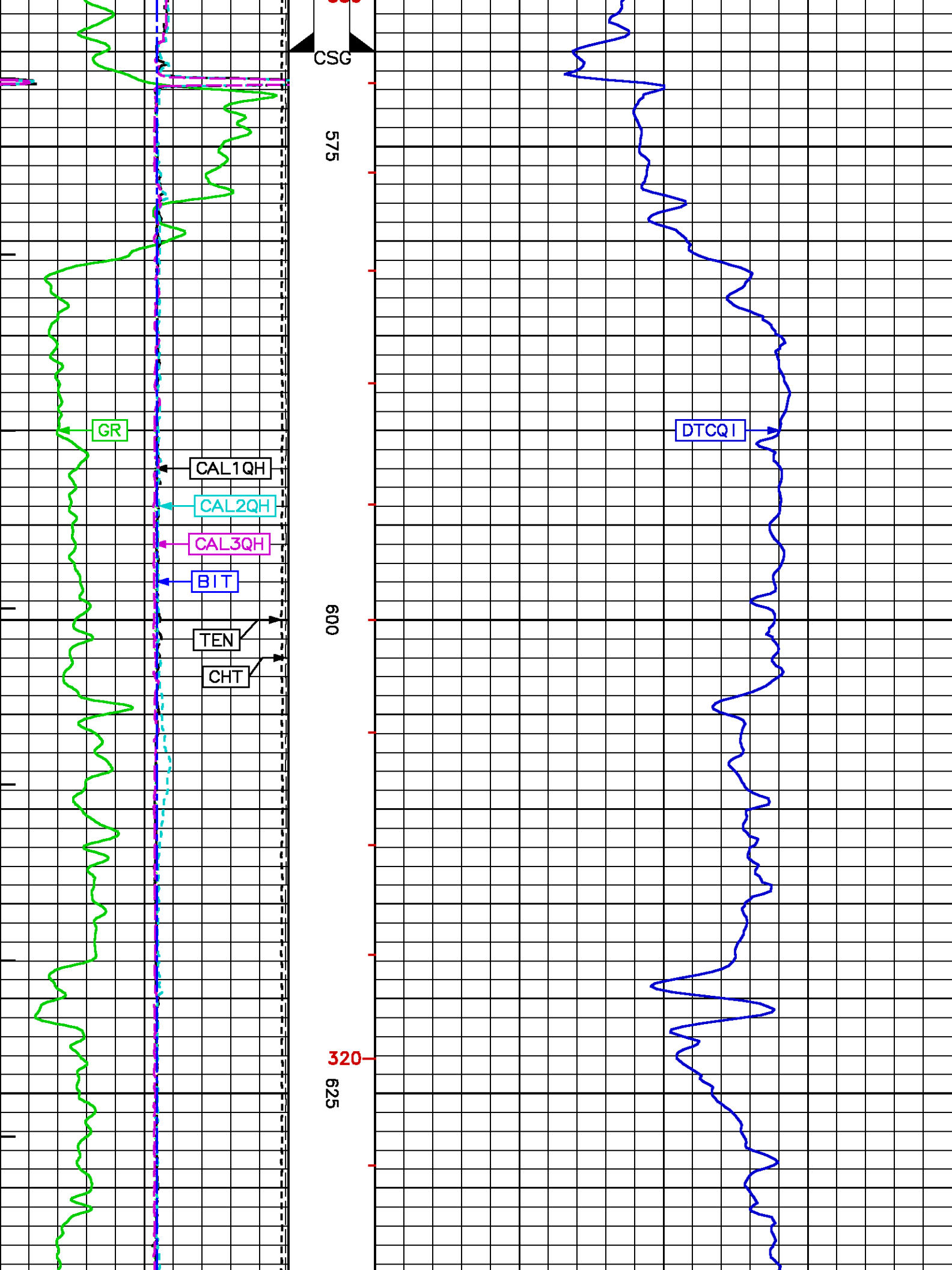
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	CAL2QH	0.99	CHT	0.00	GR	25.49
CAL1QH	0.99	CAL3QH	0.99	DTCQI	20.42	TEN	0.00

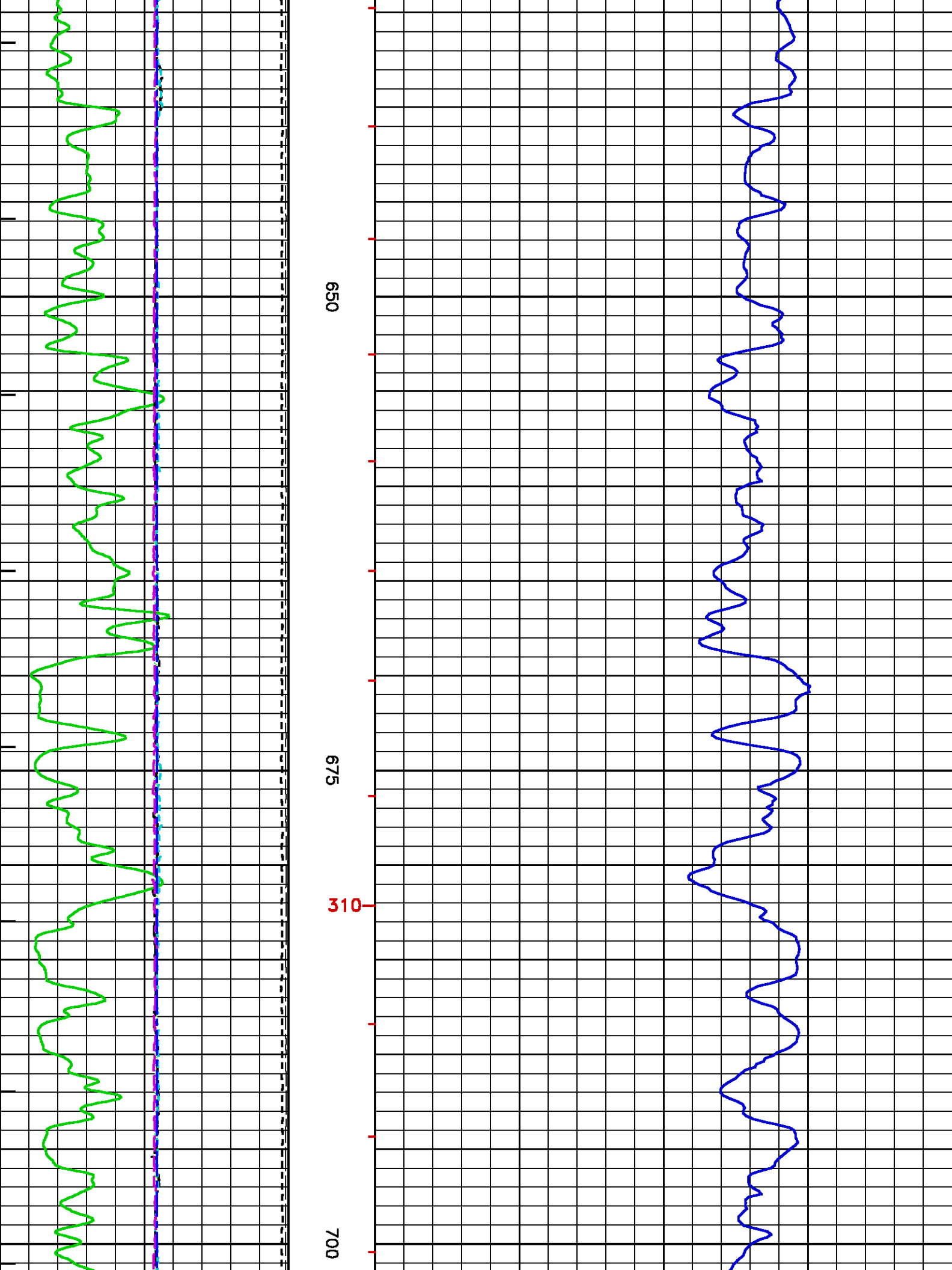
Presentation : cpu1:/dat1a/pass/nalcor_run1/mac_main100-300.pdf [1:240 Scale]
 Plot Interval : 529.285 - 2289.05 Meters

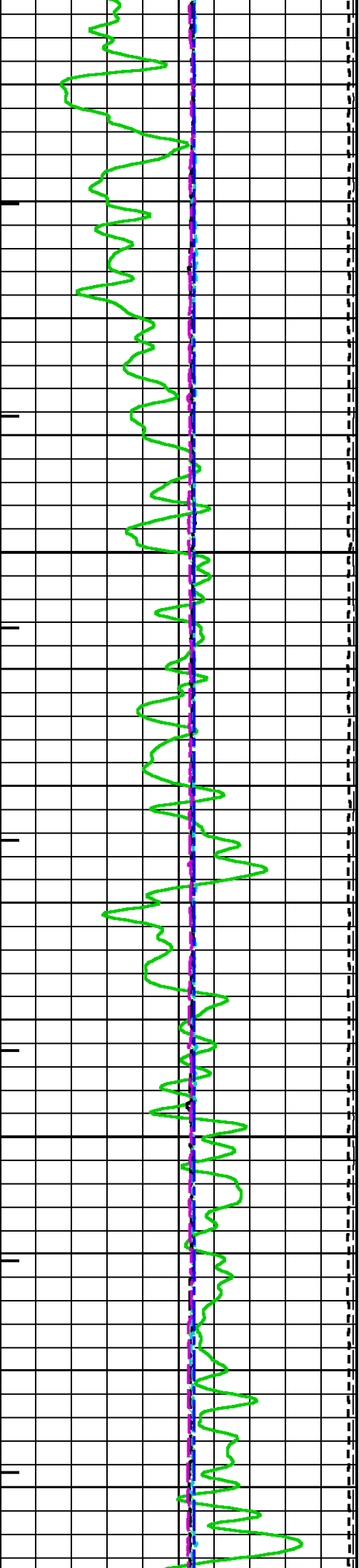
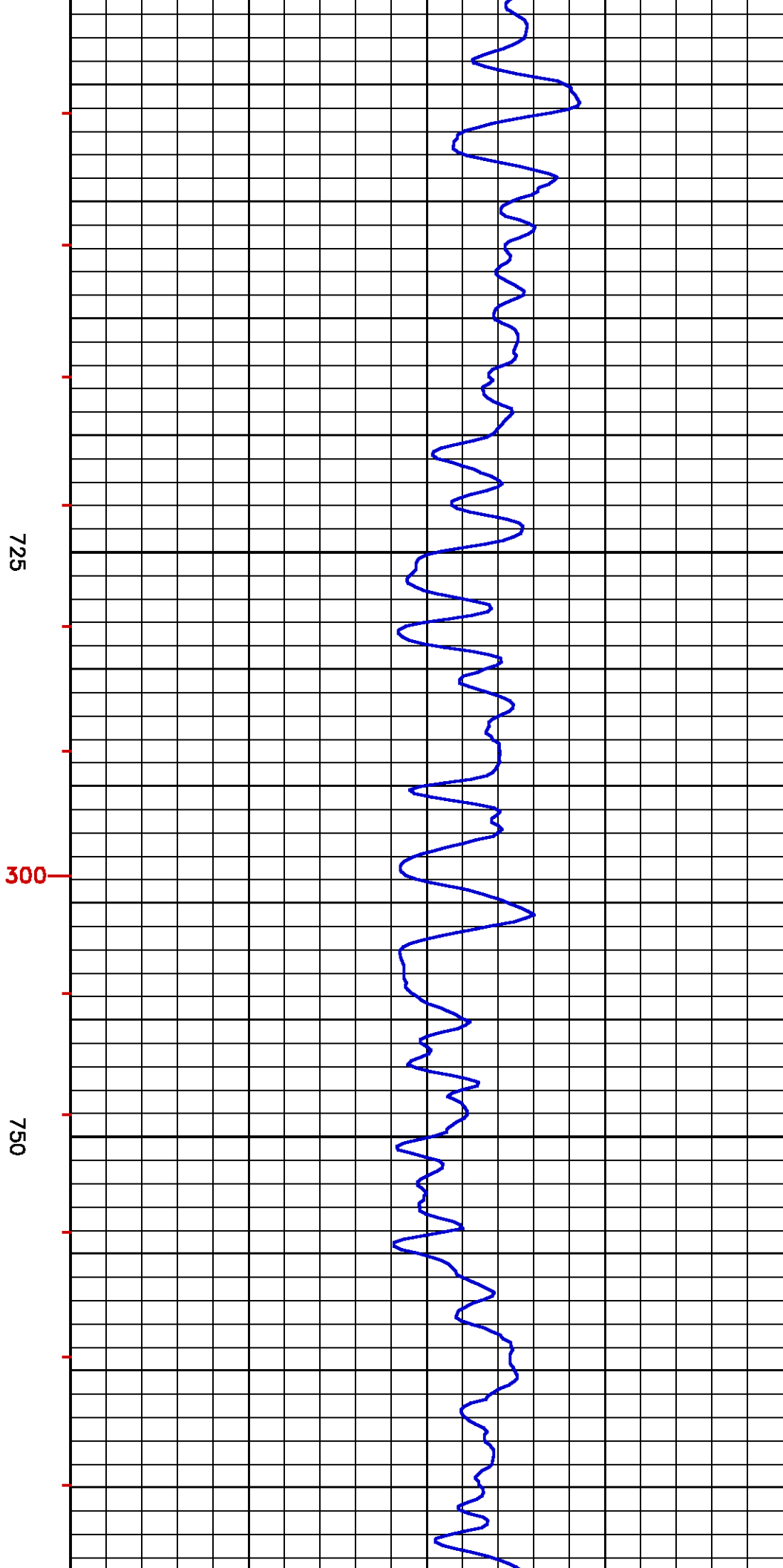
 Data File 1 : F1 : cpu1:/dat1a/pass/nalcor_run1/r1t1s.xtf
 Created On : Nov 2 13:02:15 2010
 Company : NALCOR ENERGY
 Well : NALCOR ET AL FINNEGAN 31
 Field : FINNEGAN
 File Interval : 529.285 - 2289.05 Meters
 Oct : m874IB16

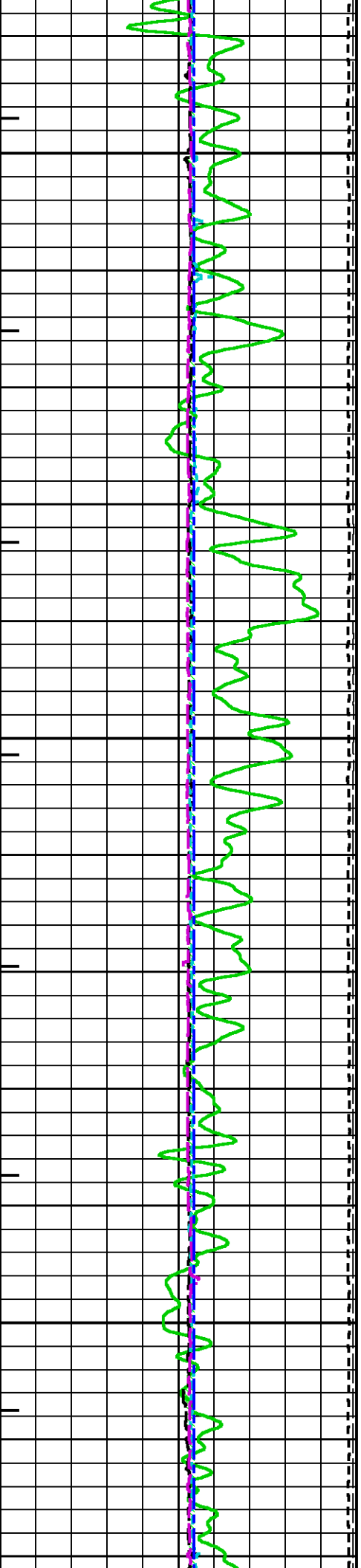
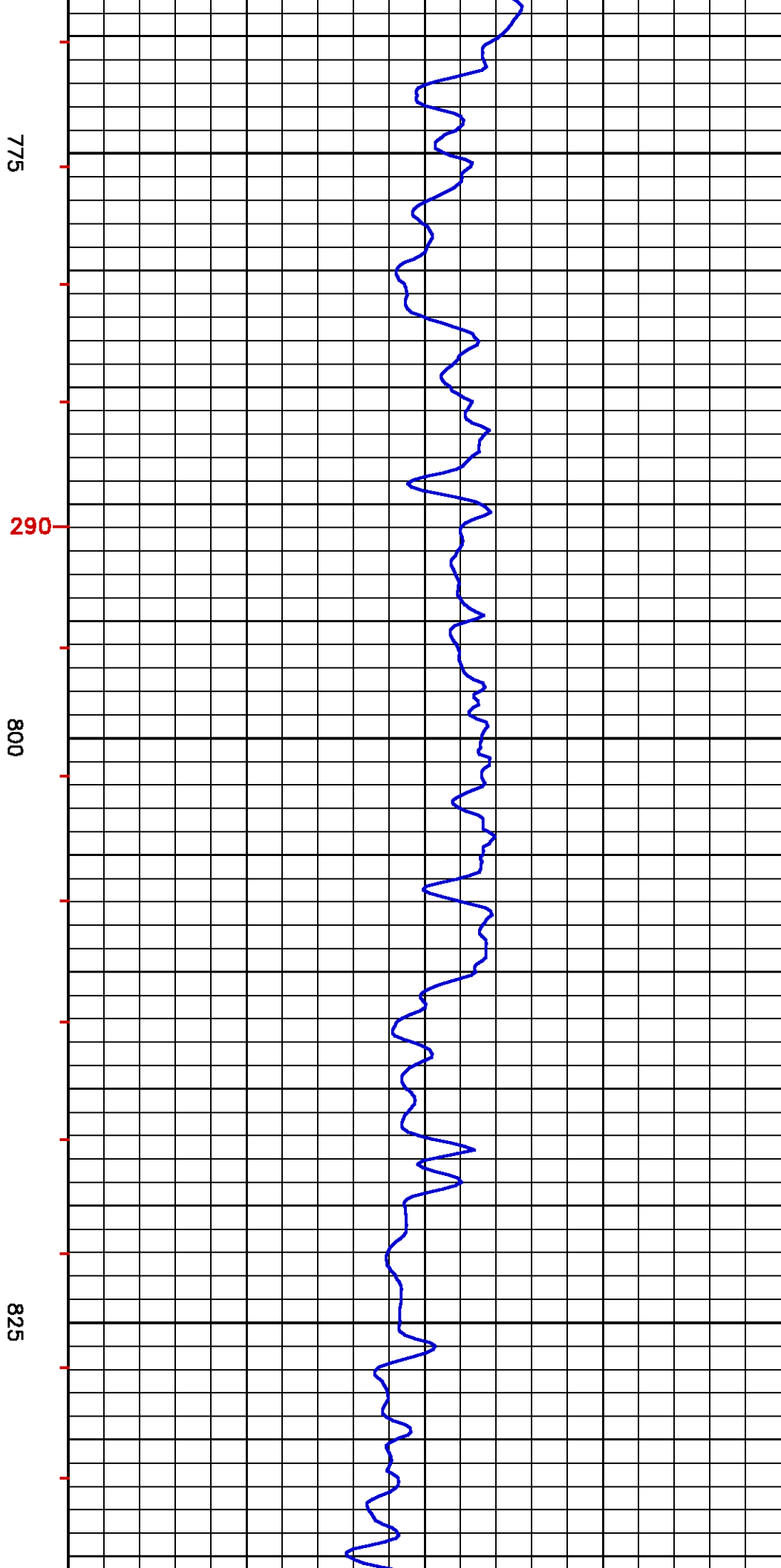


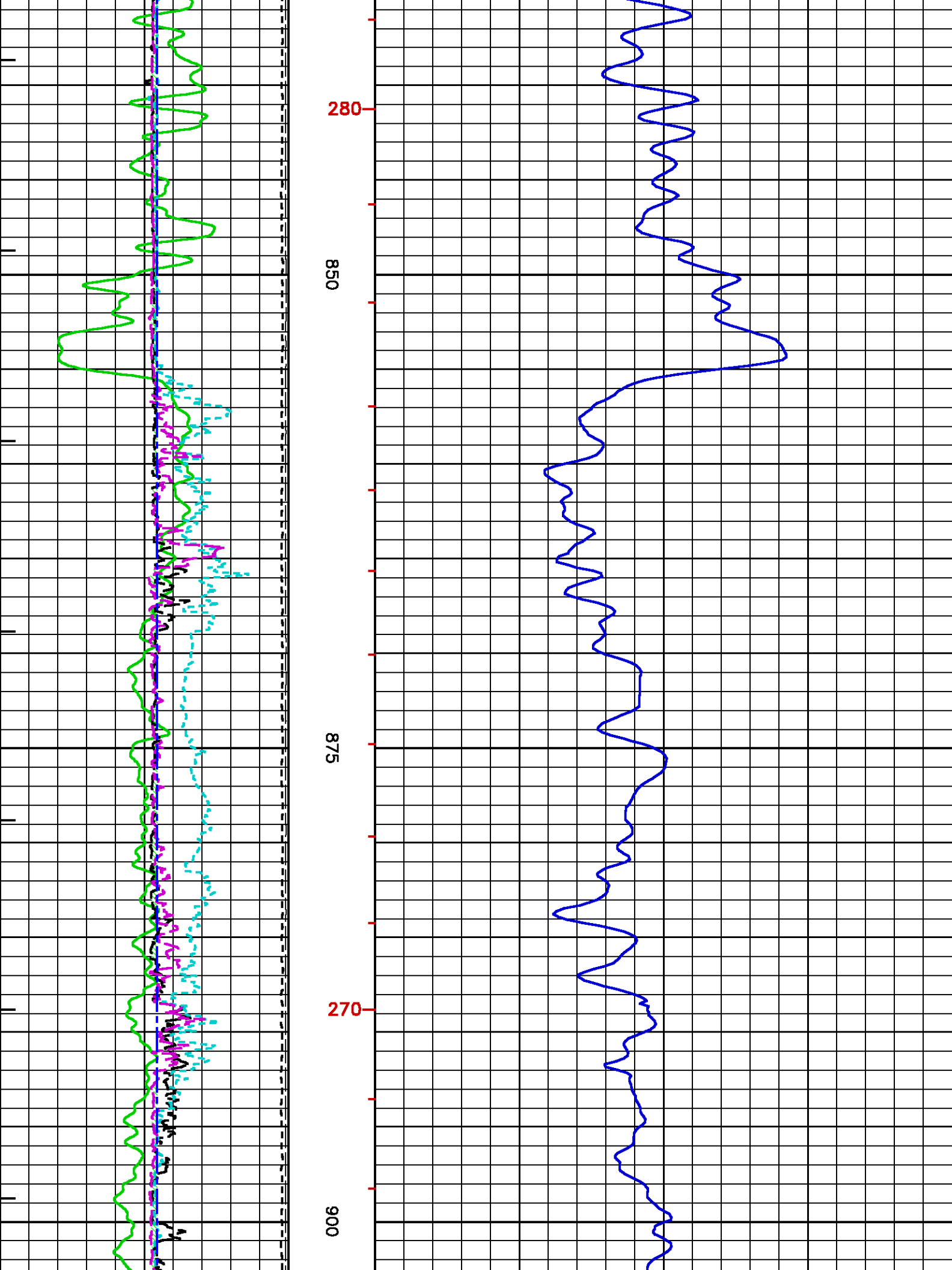


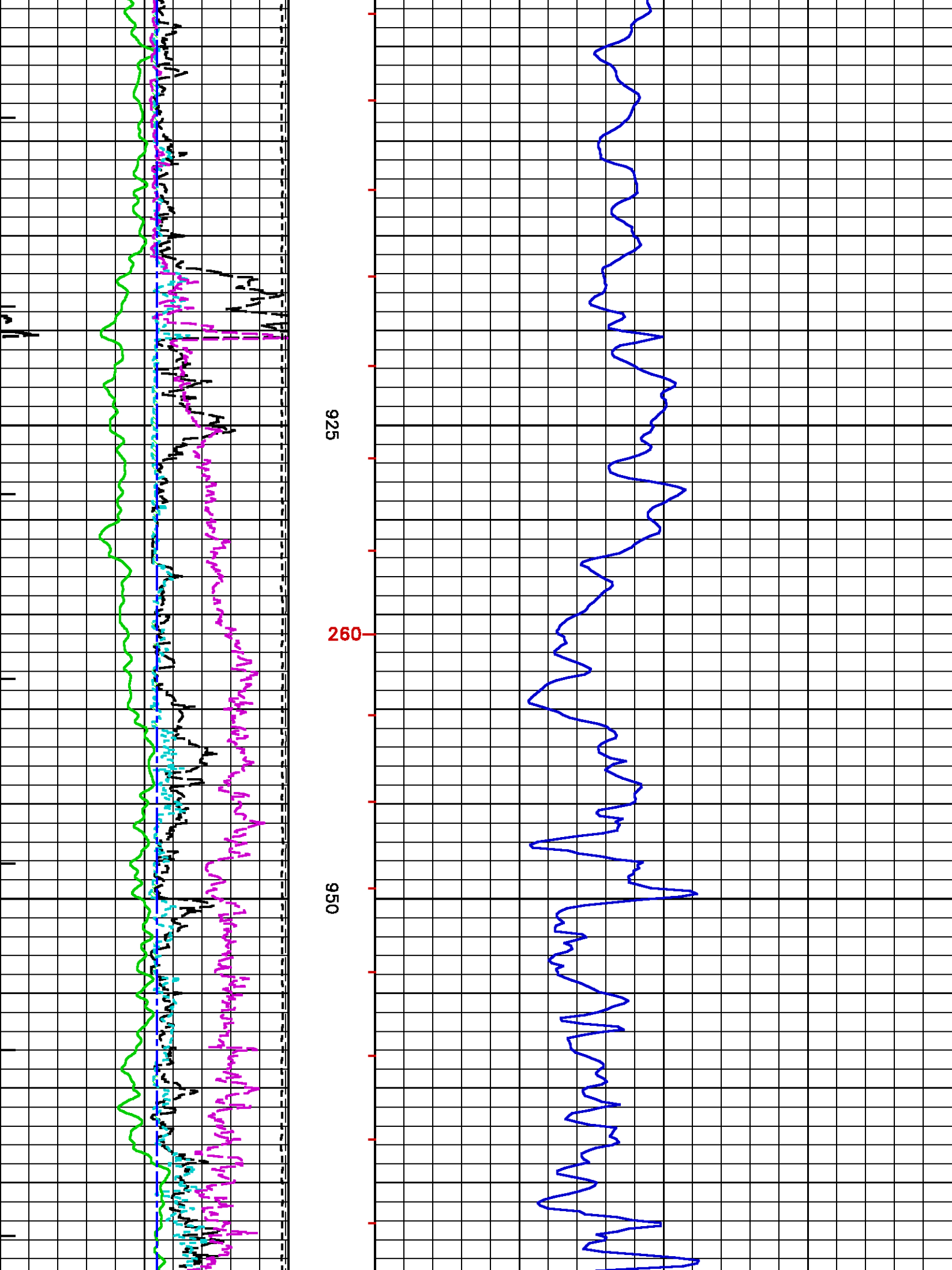


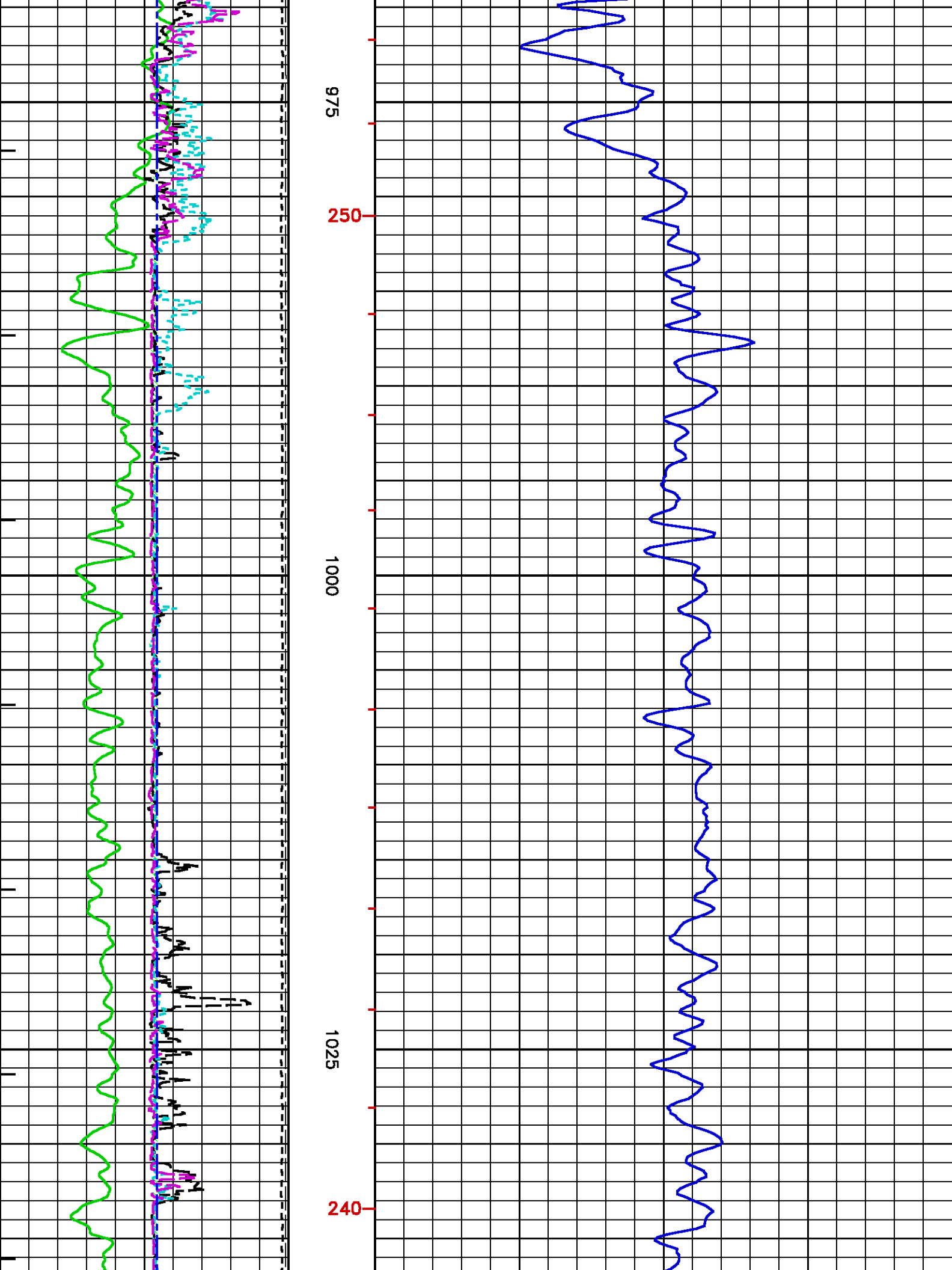


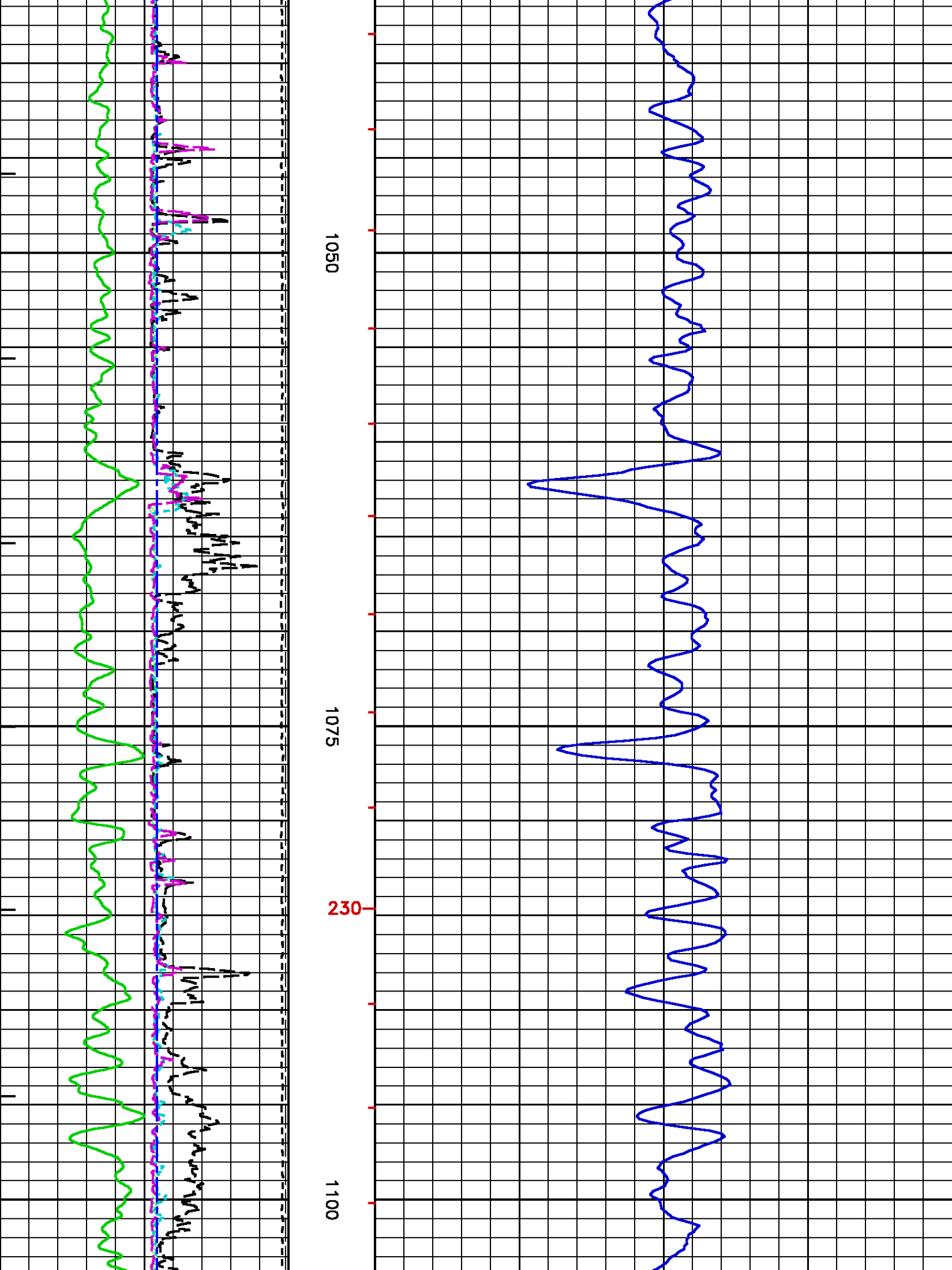


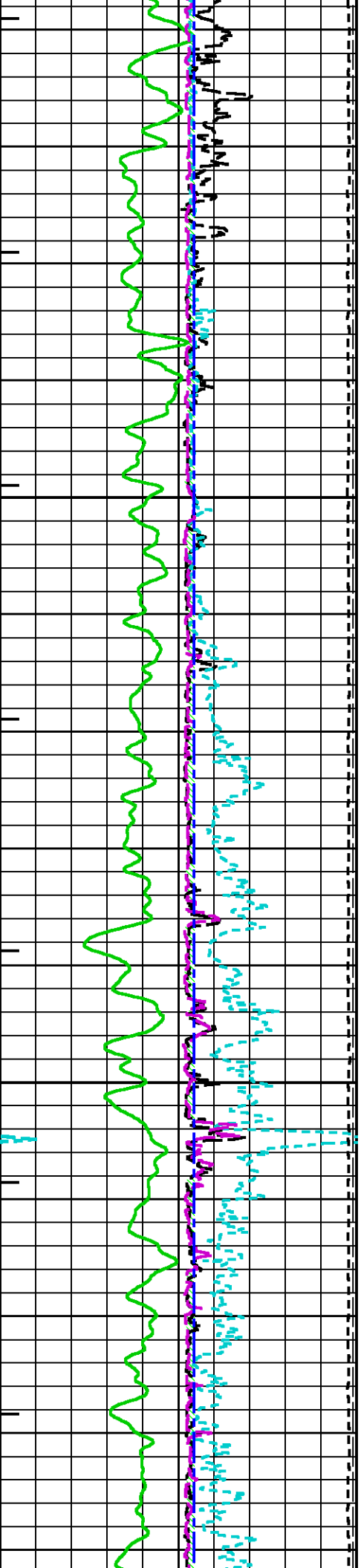
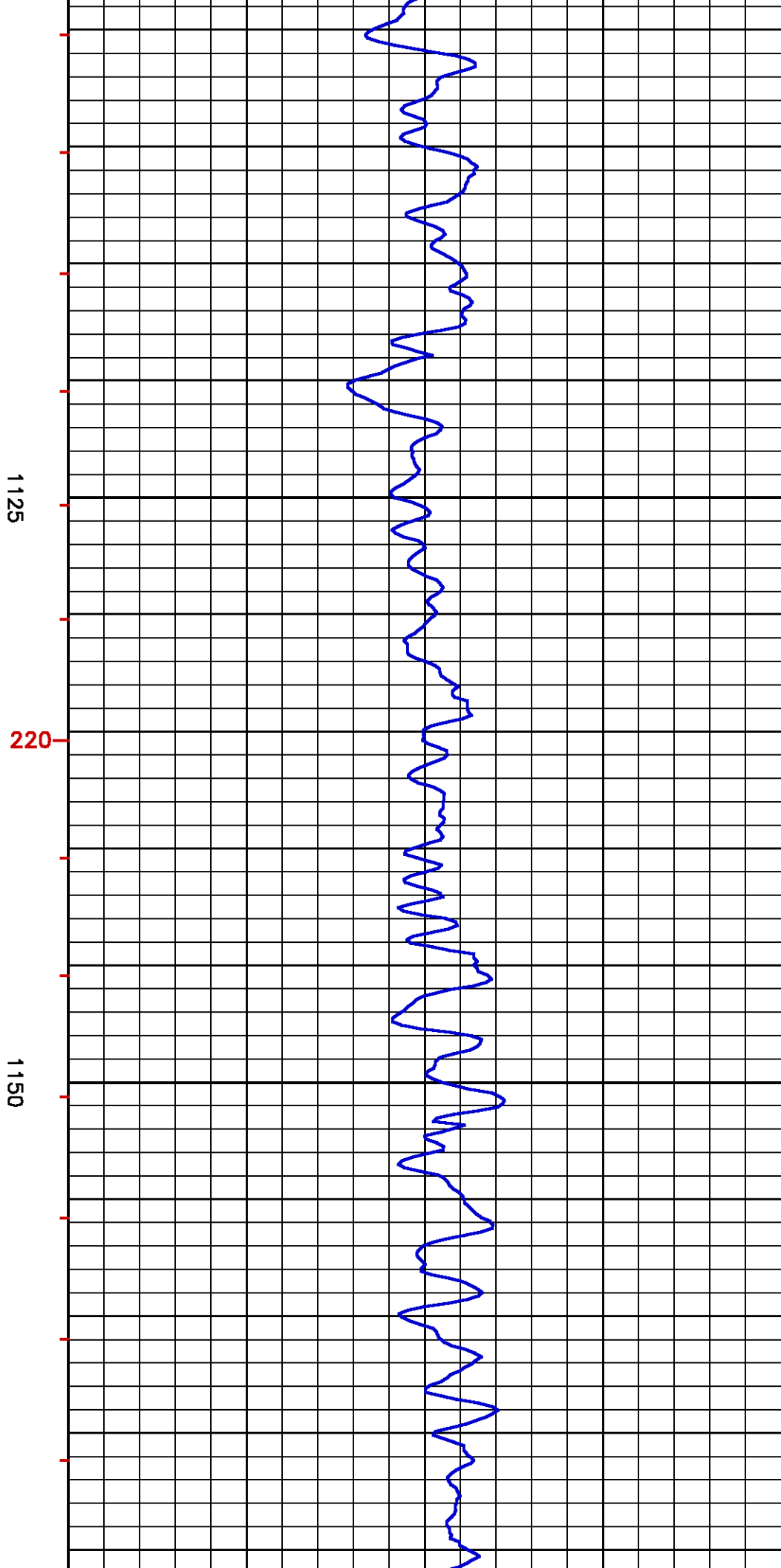


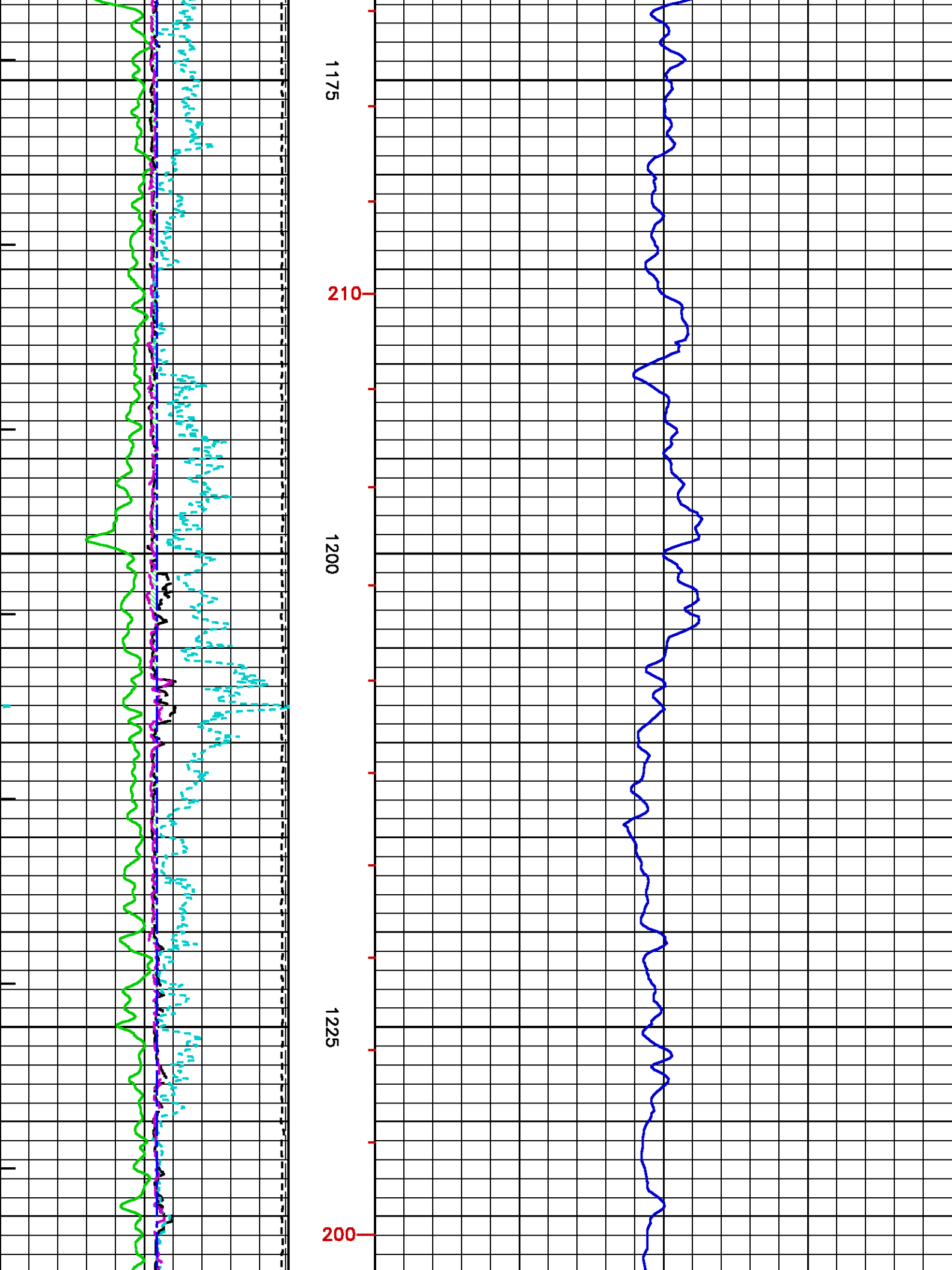


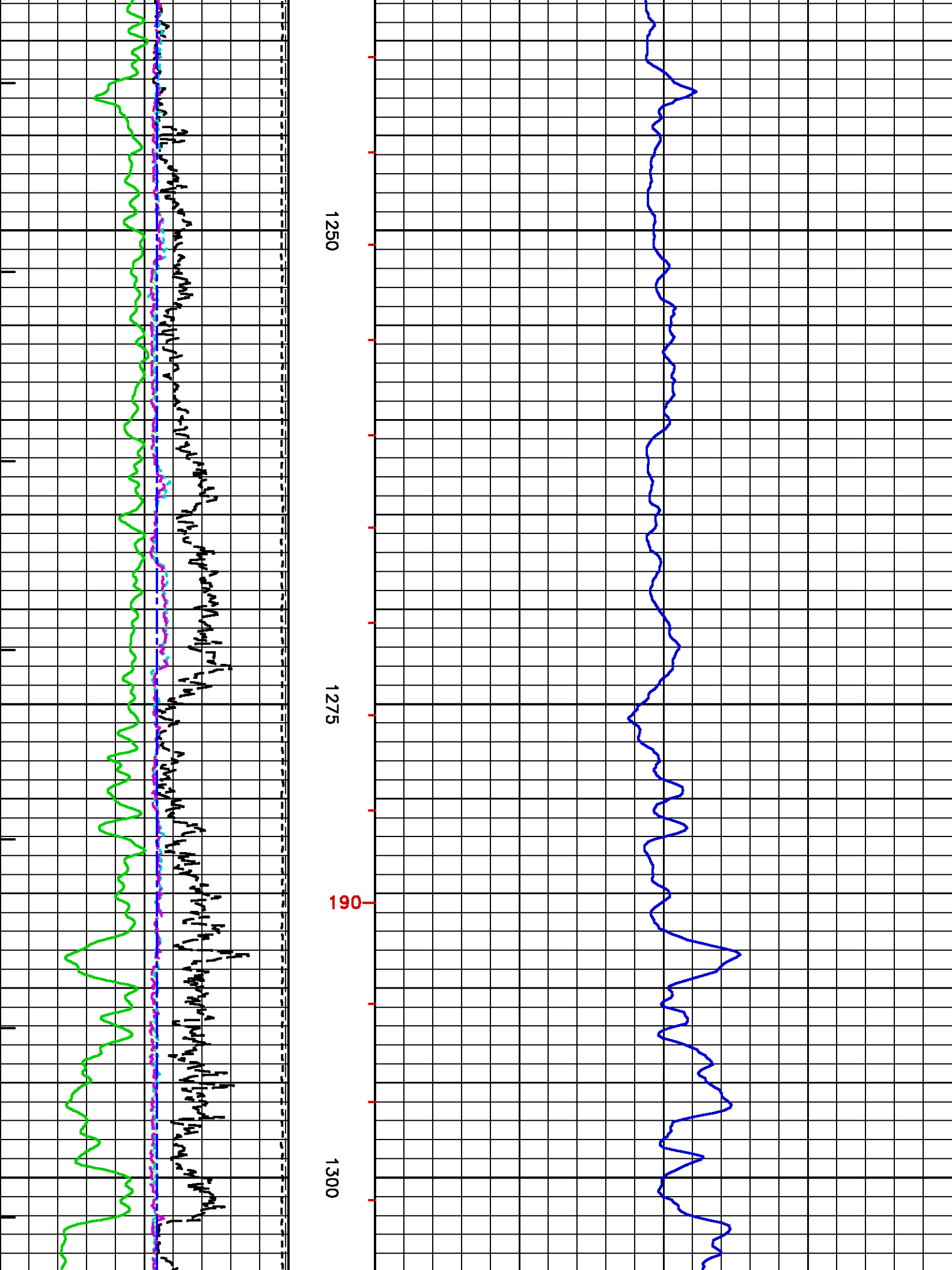


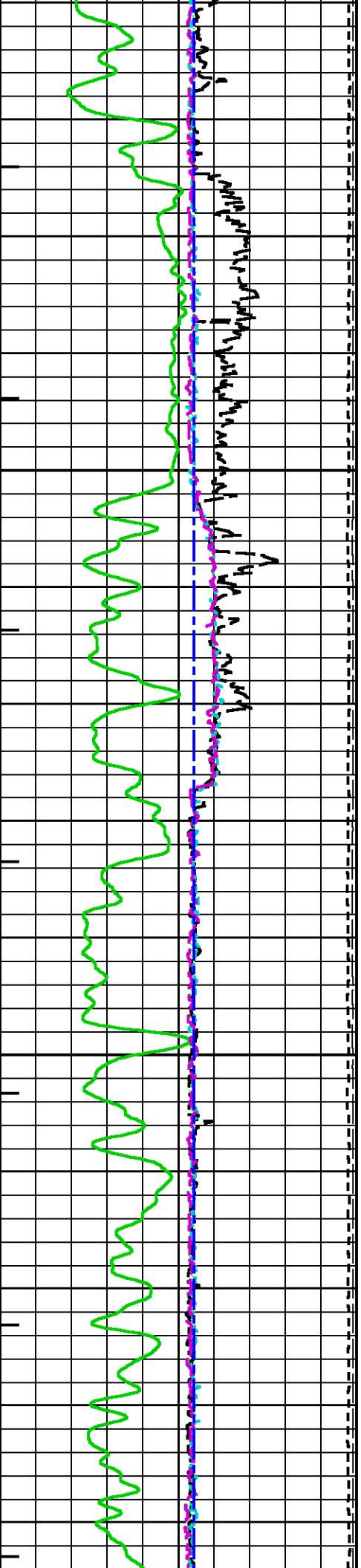
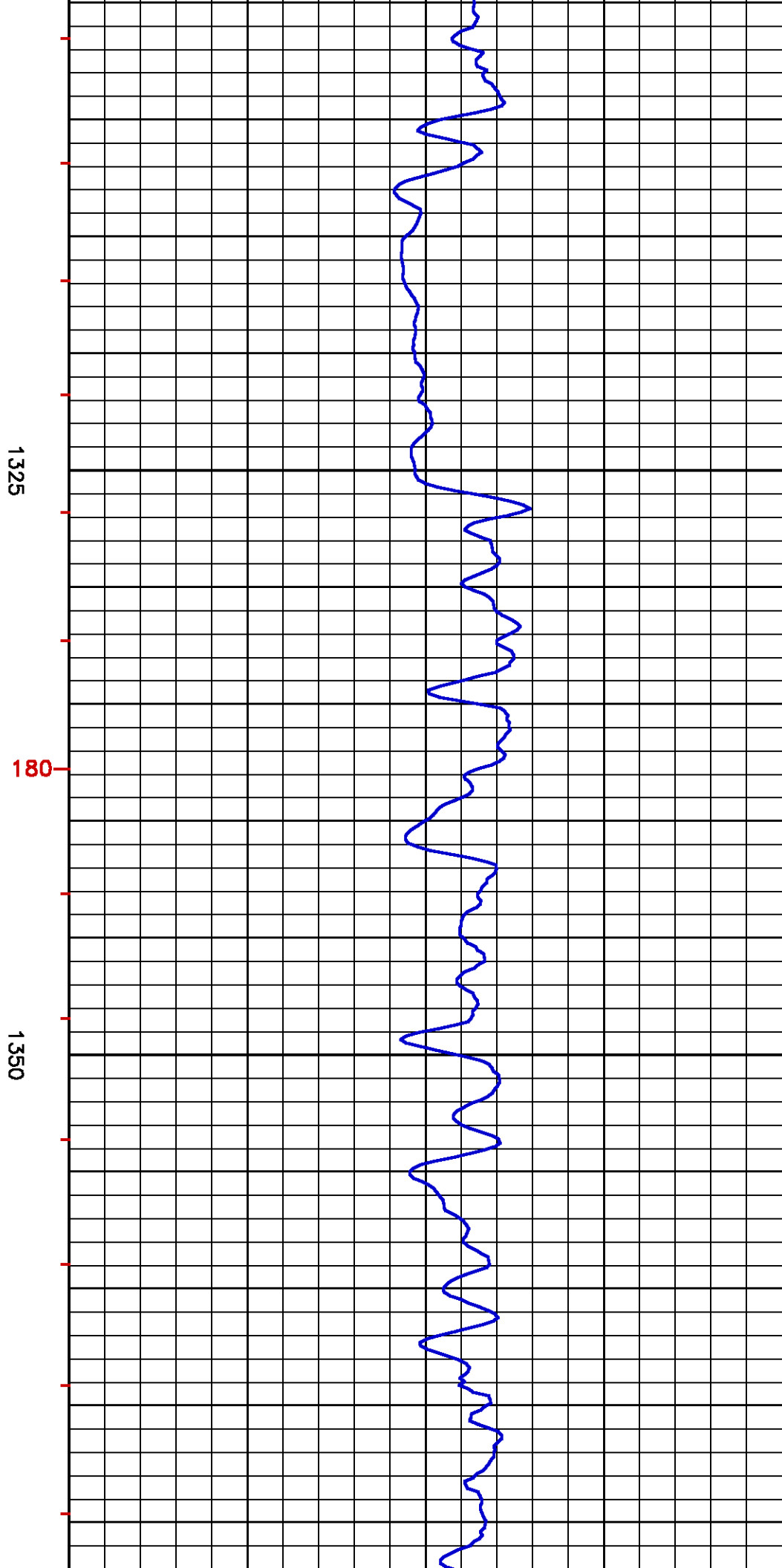


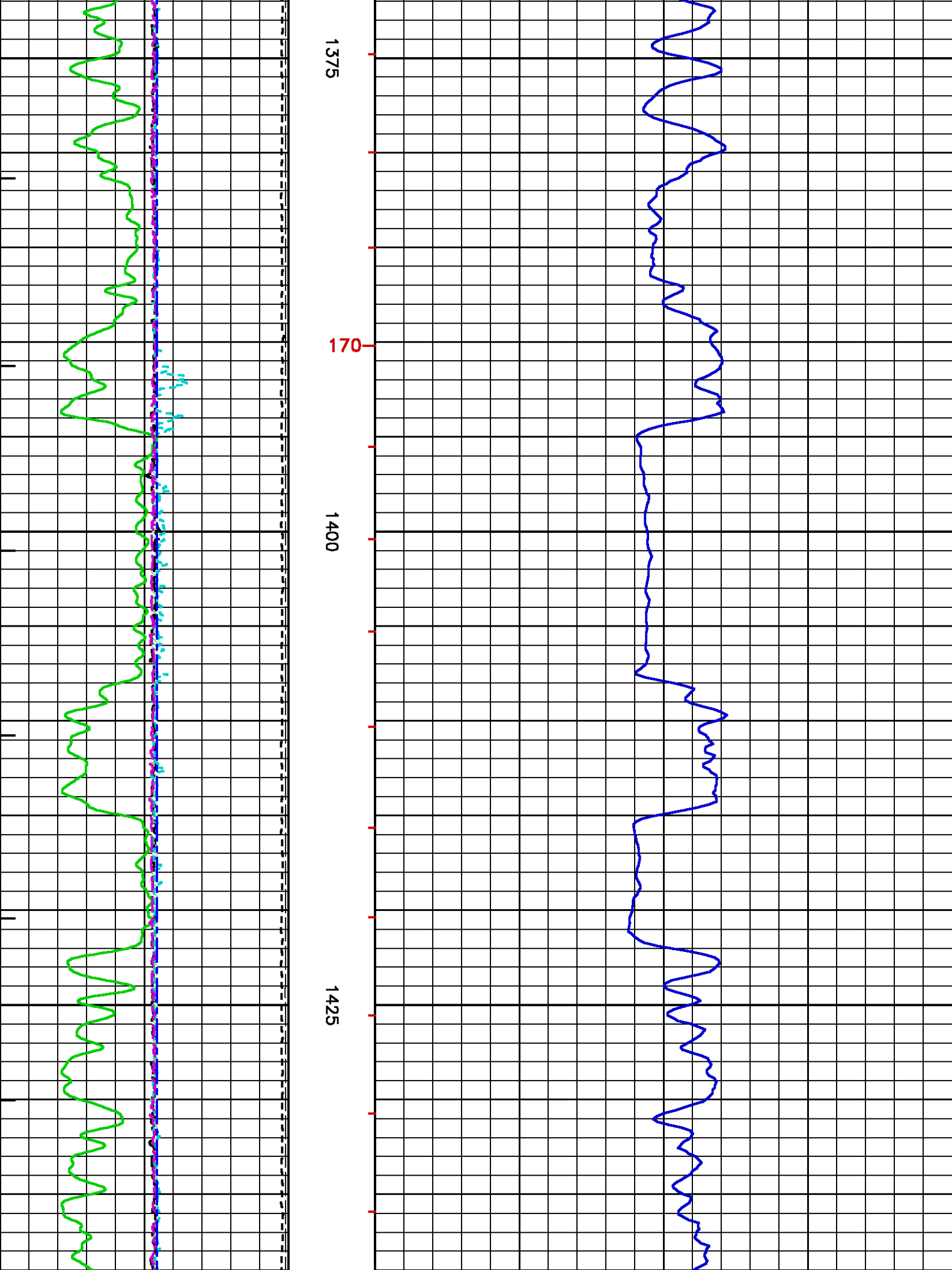


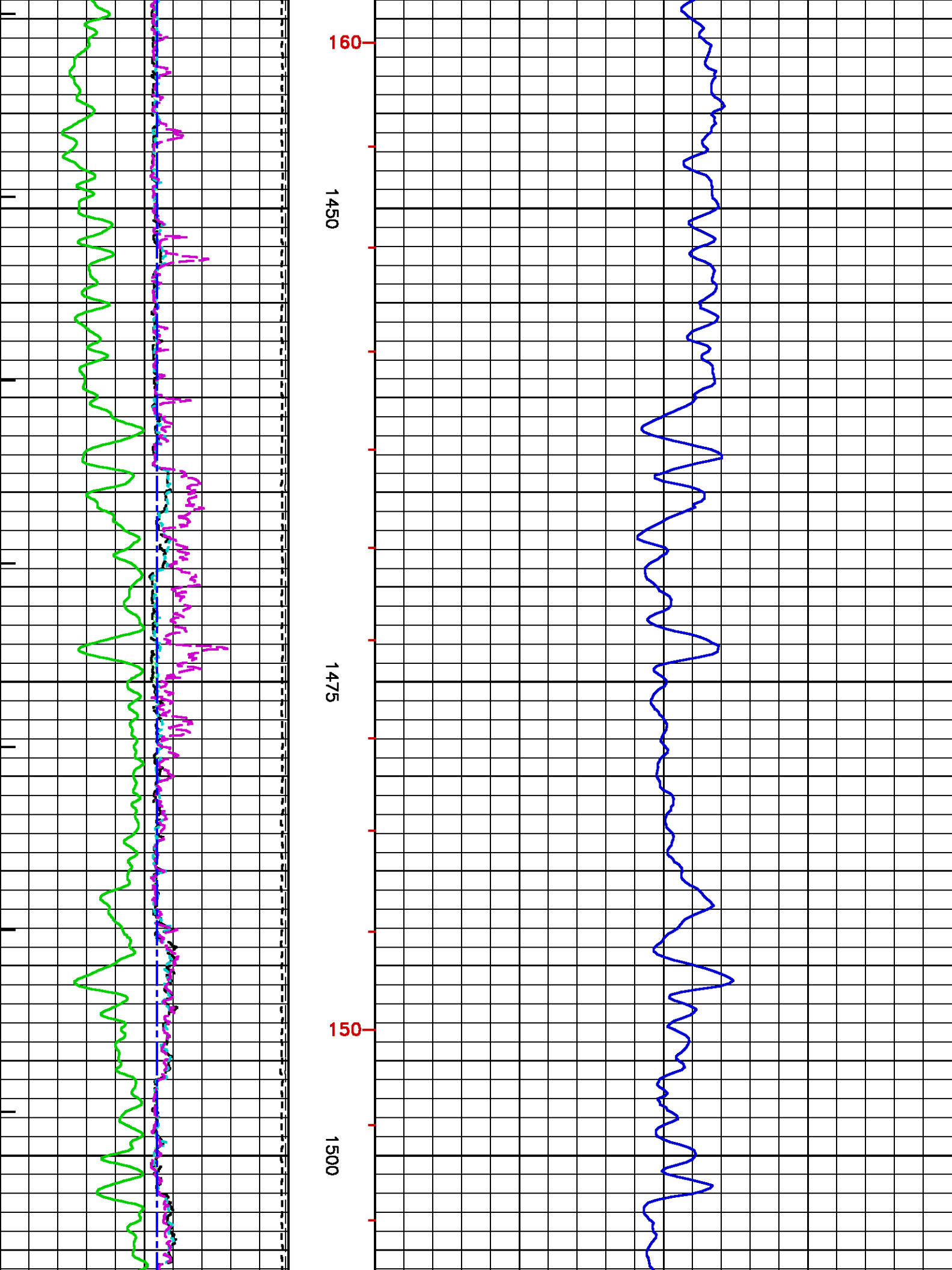


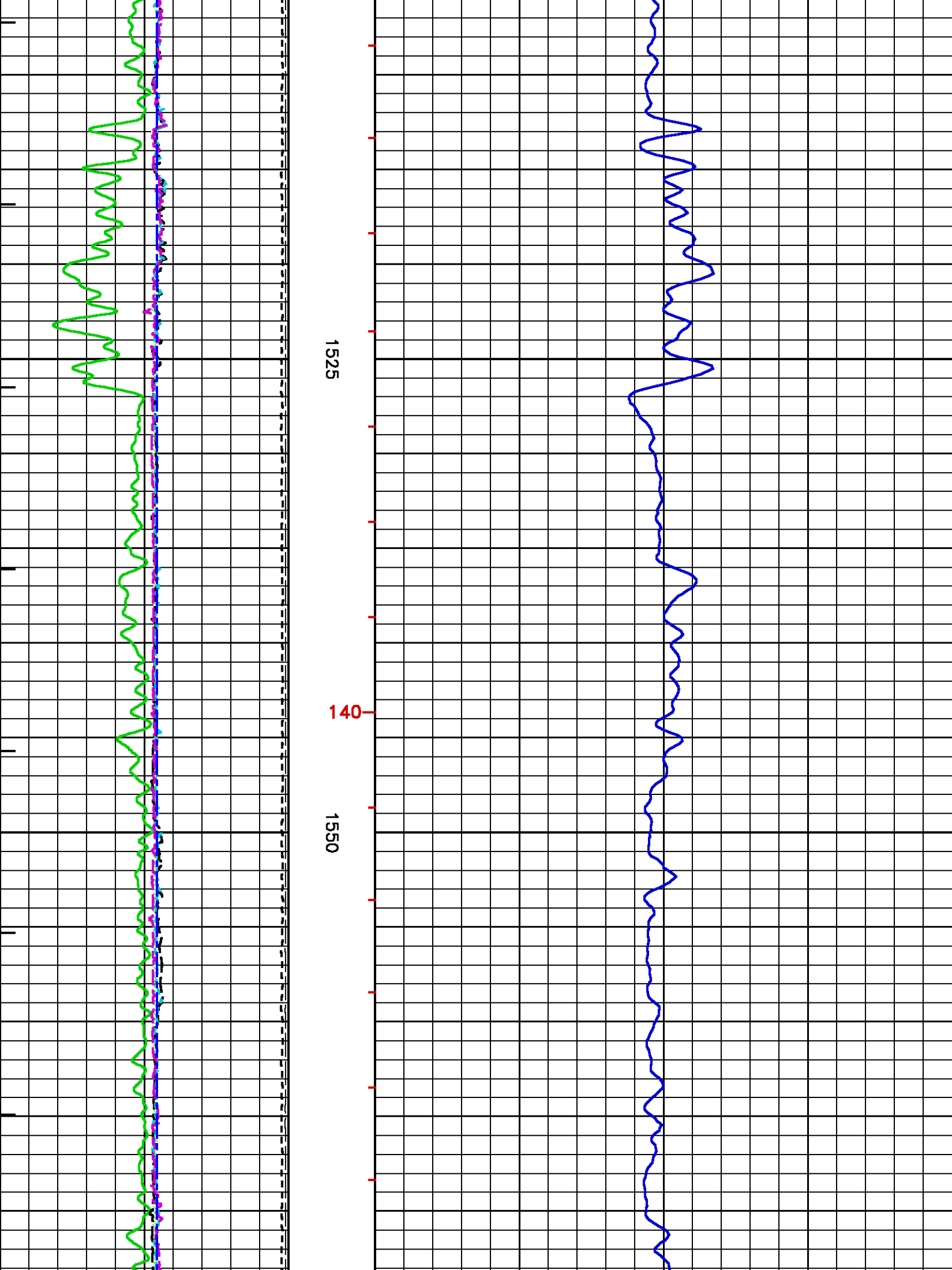


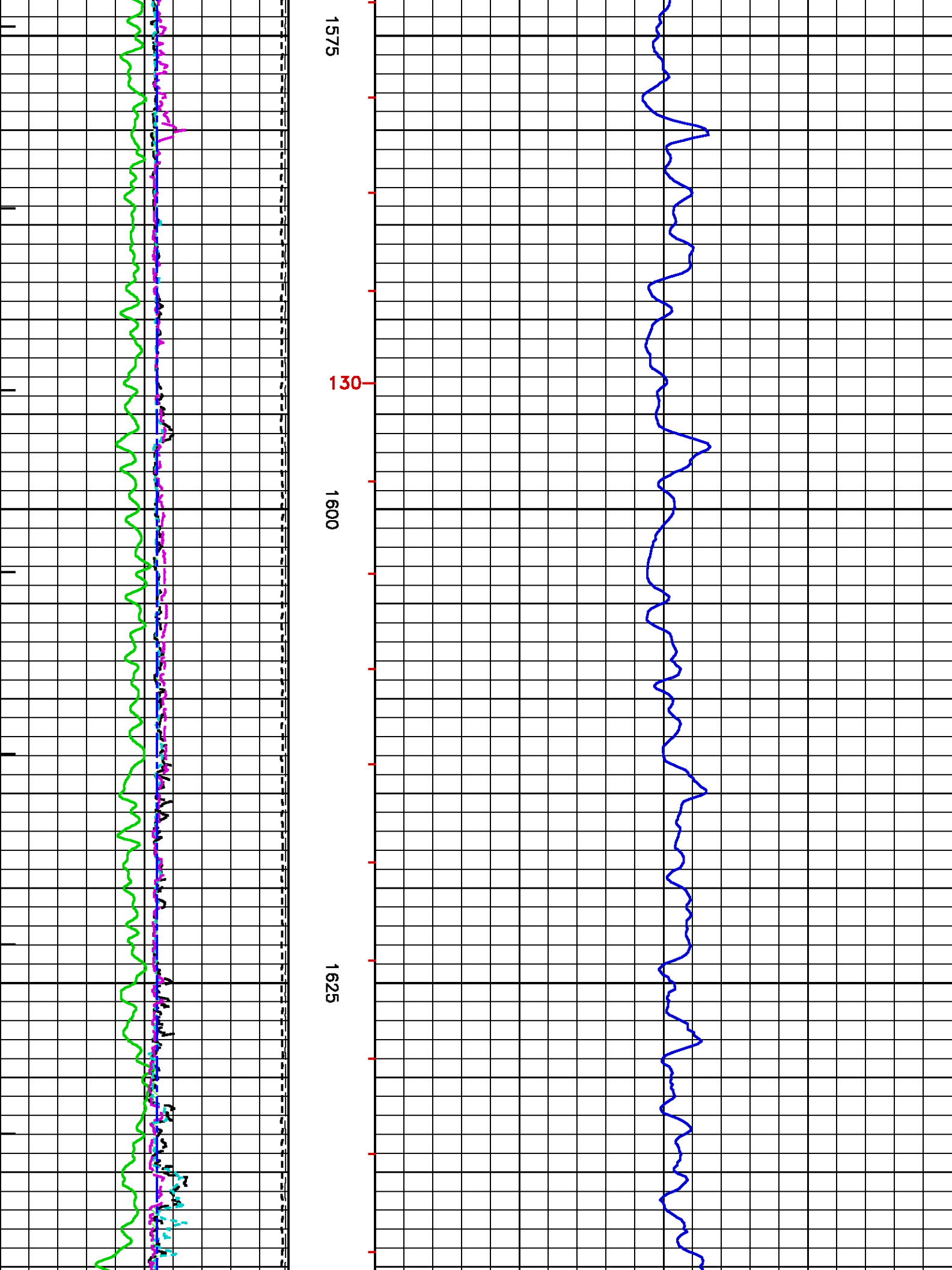


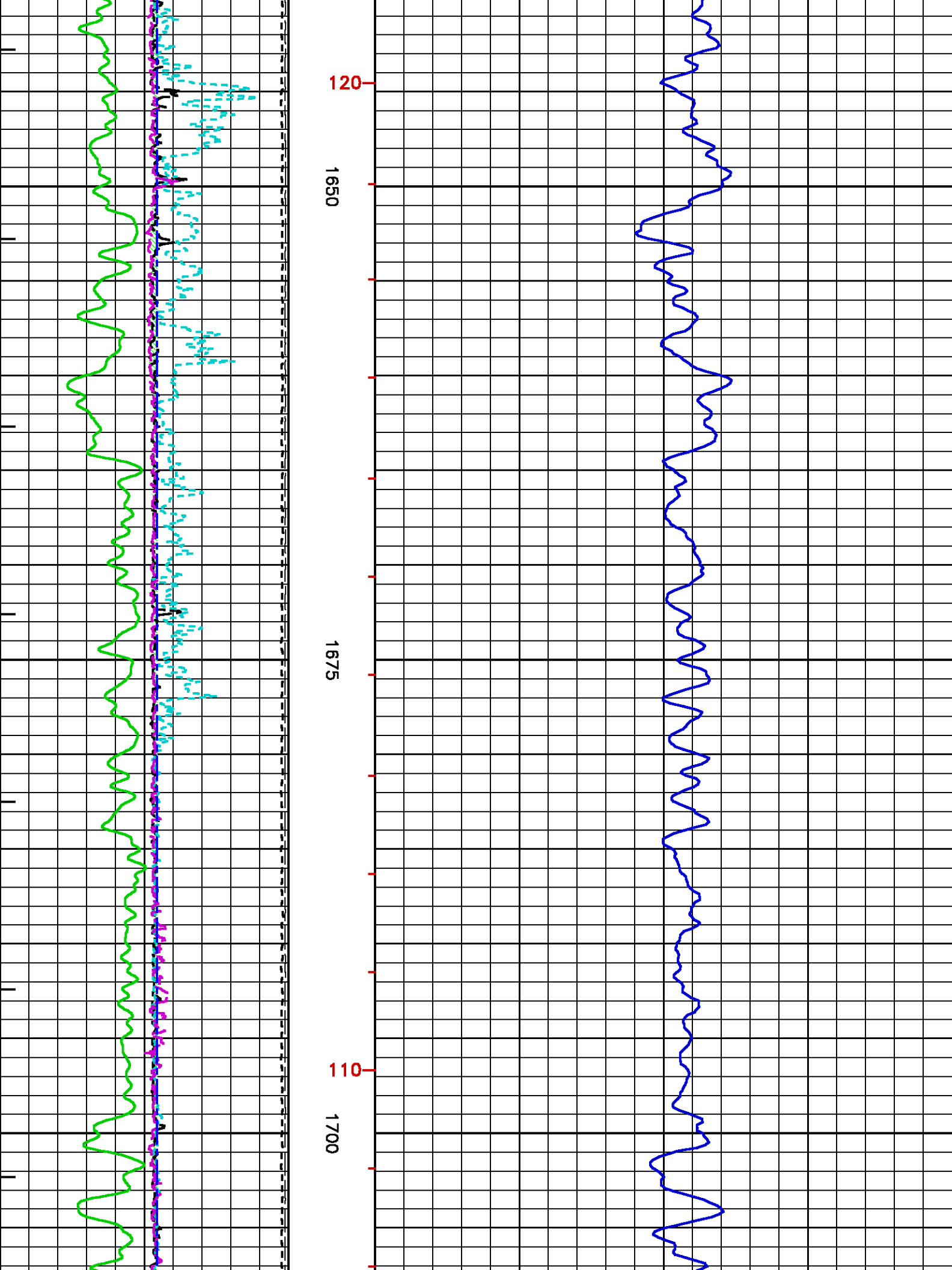


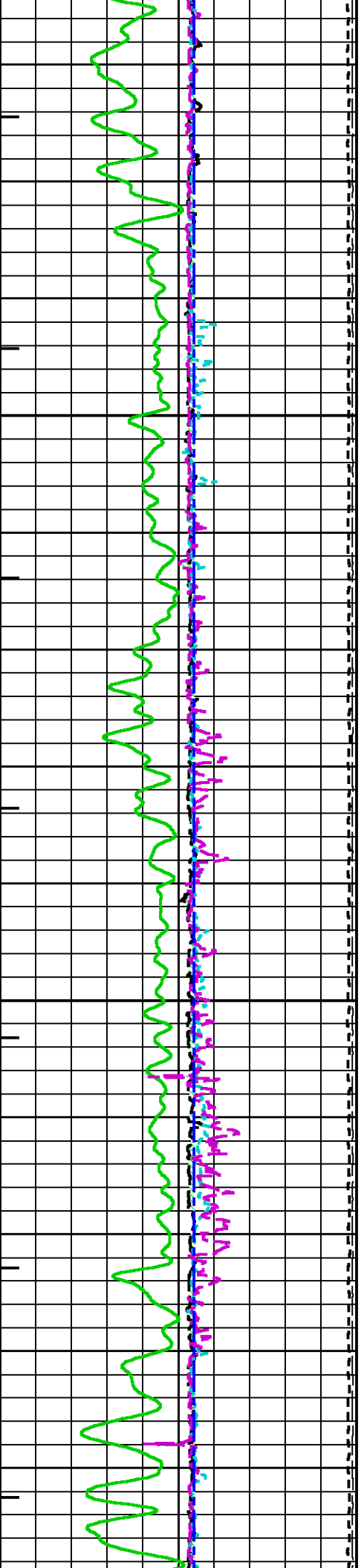
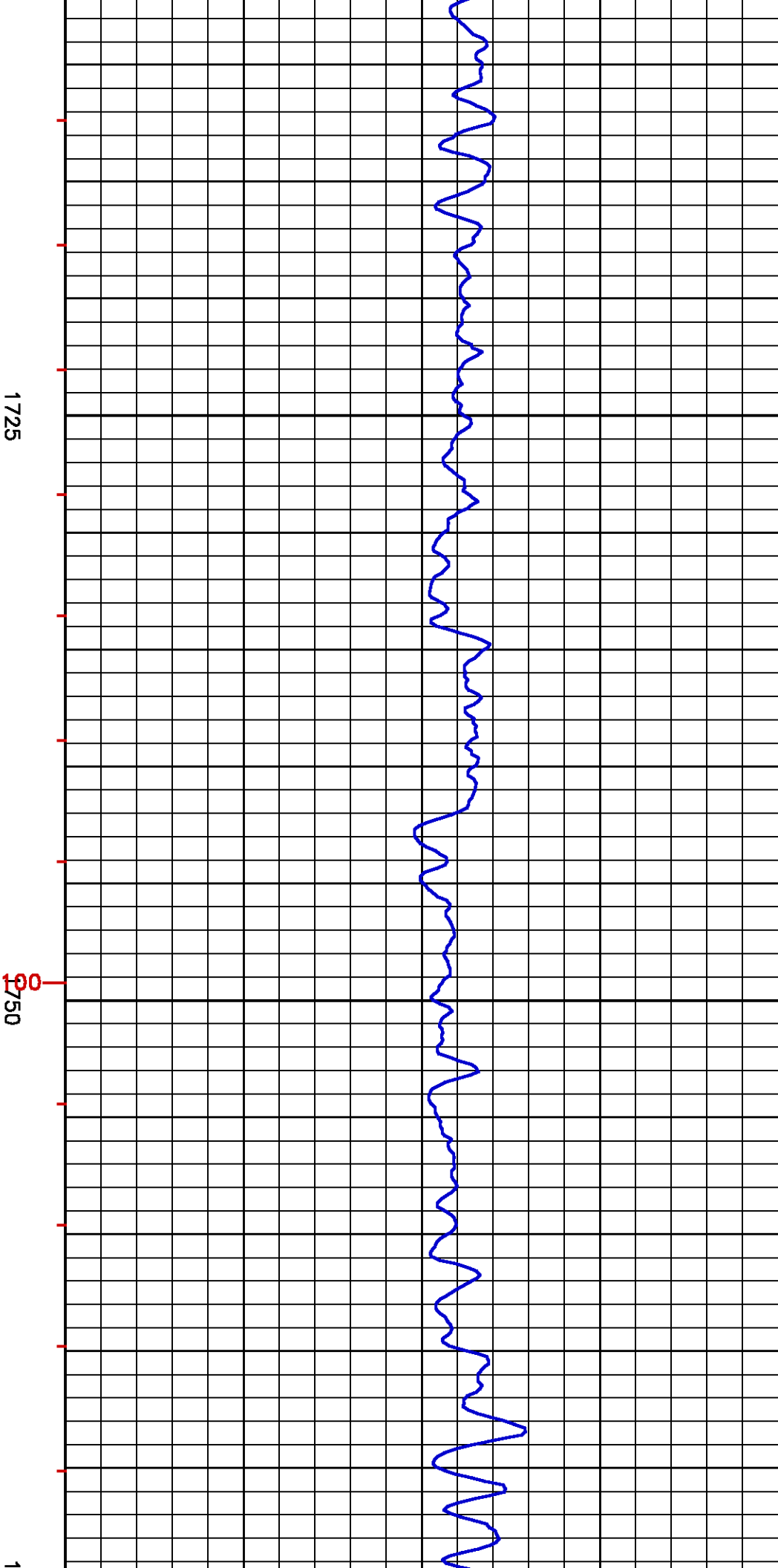


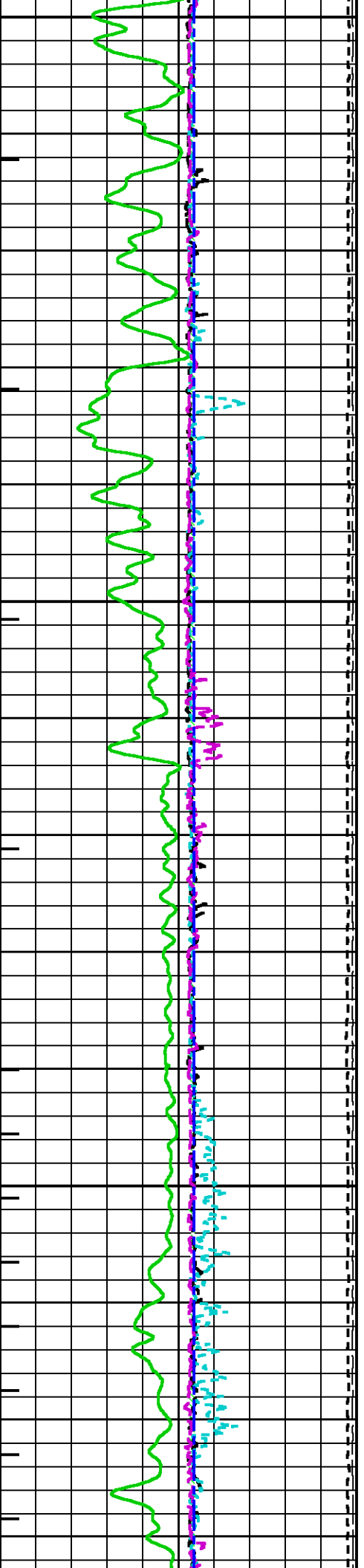
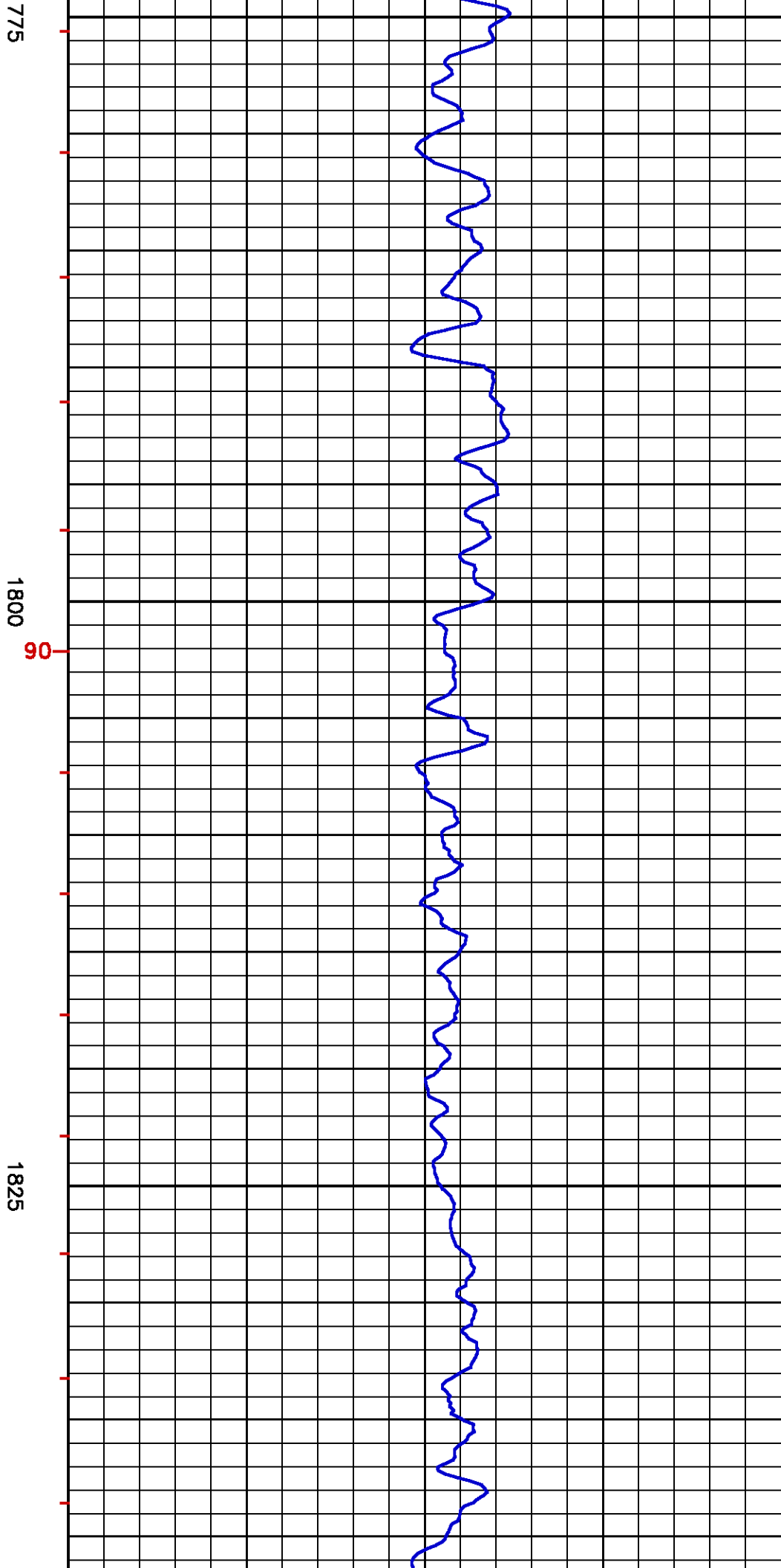


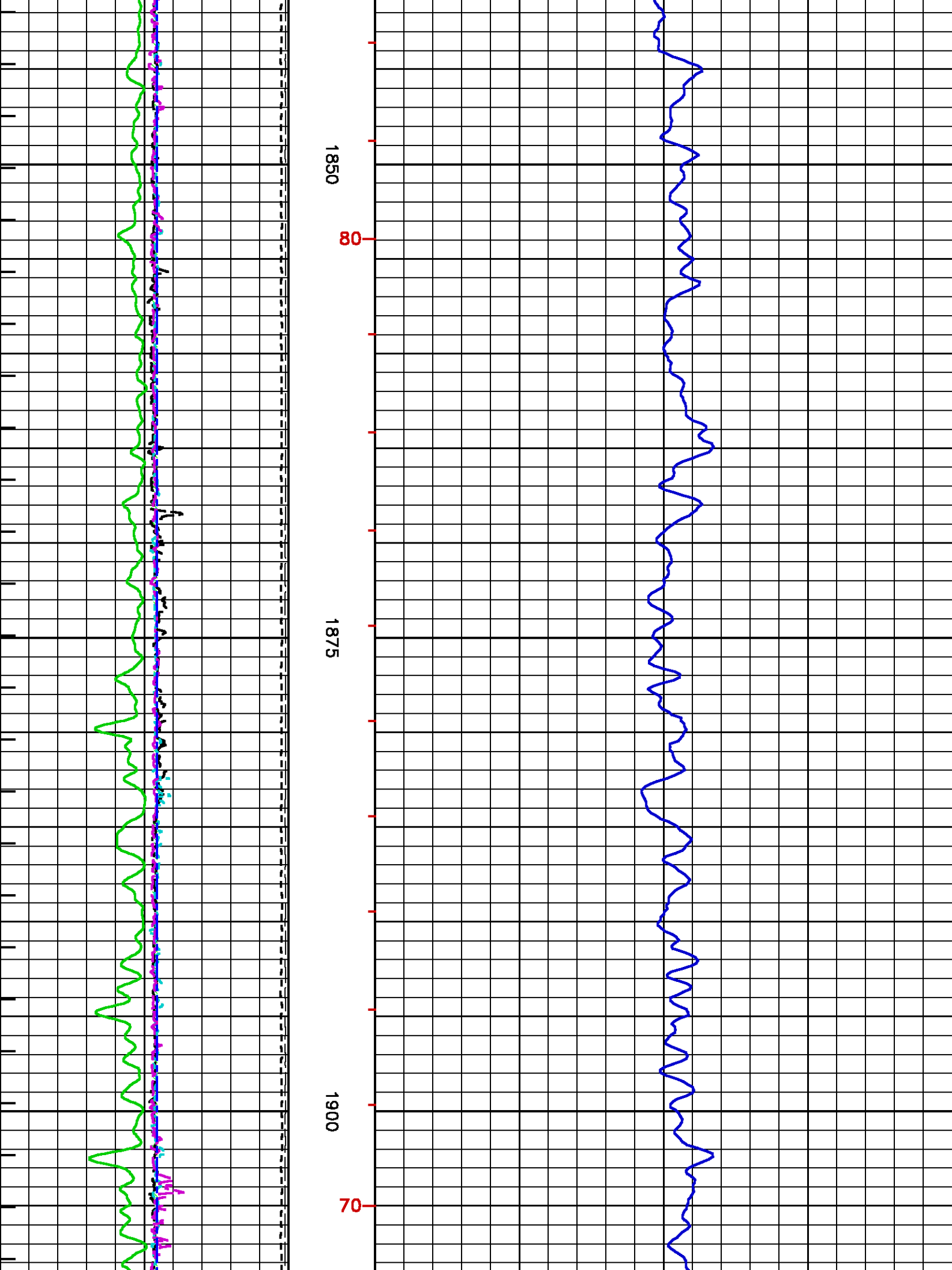


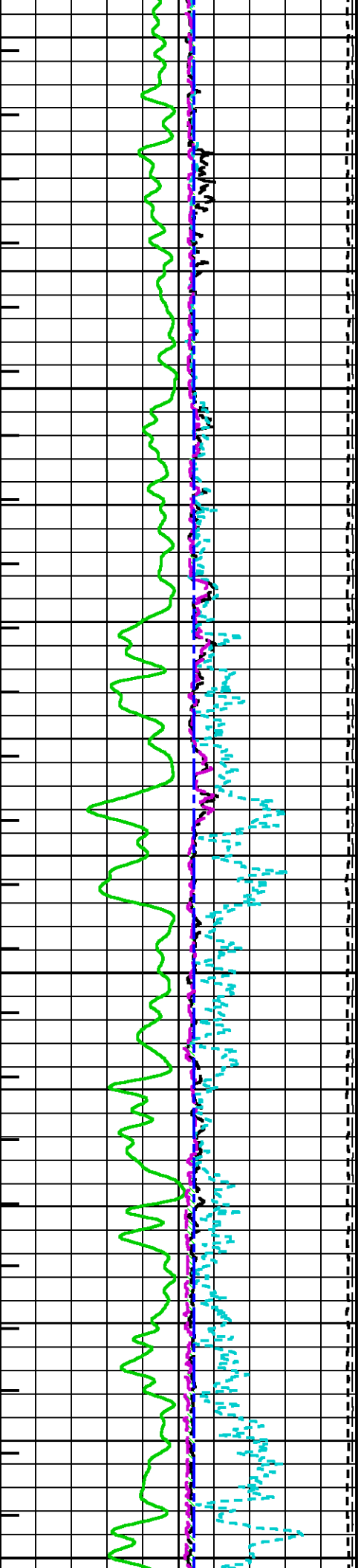
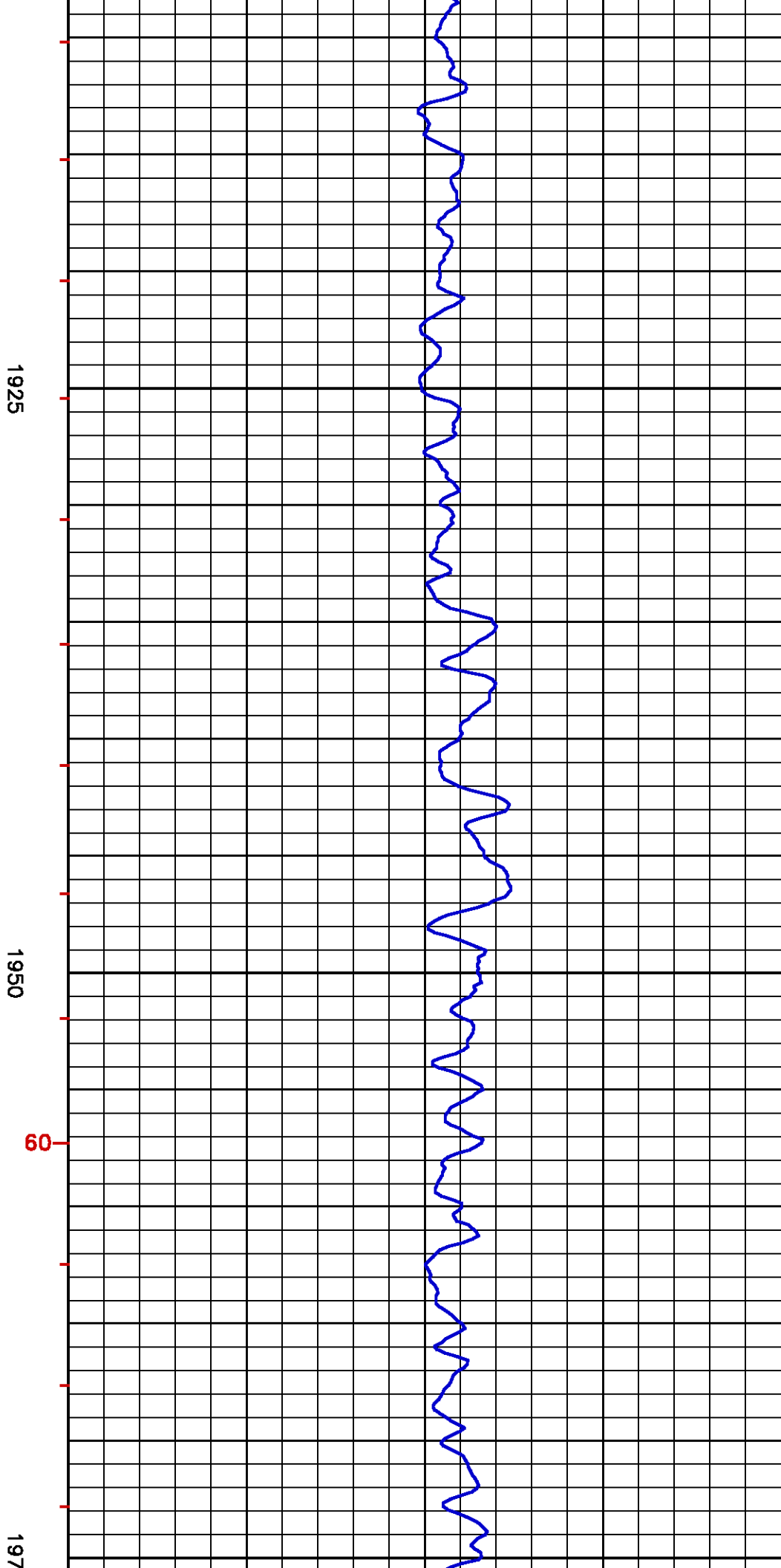


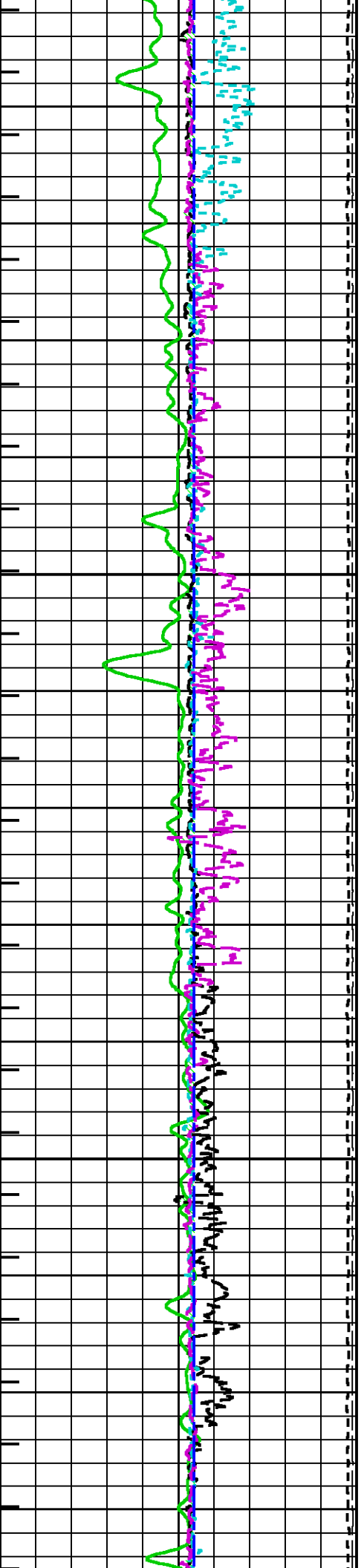
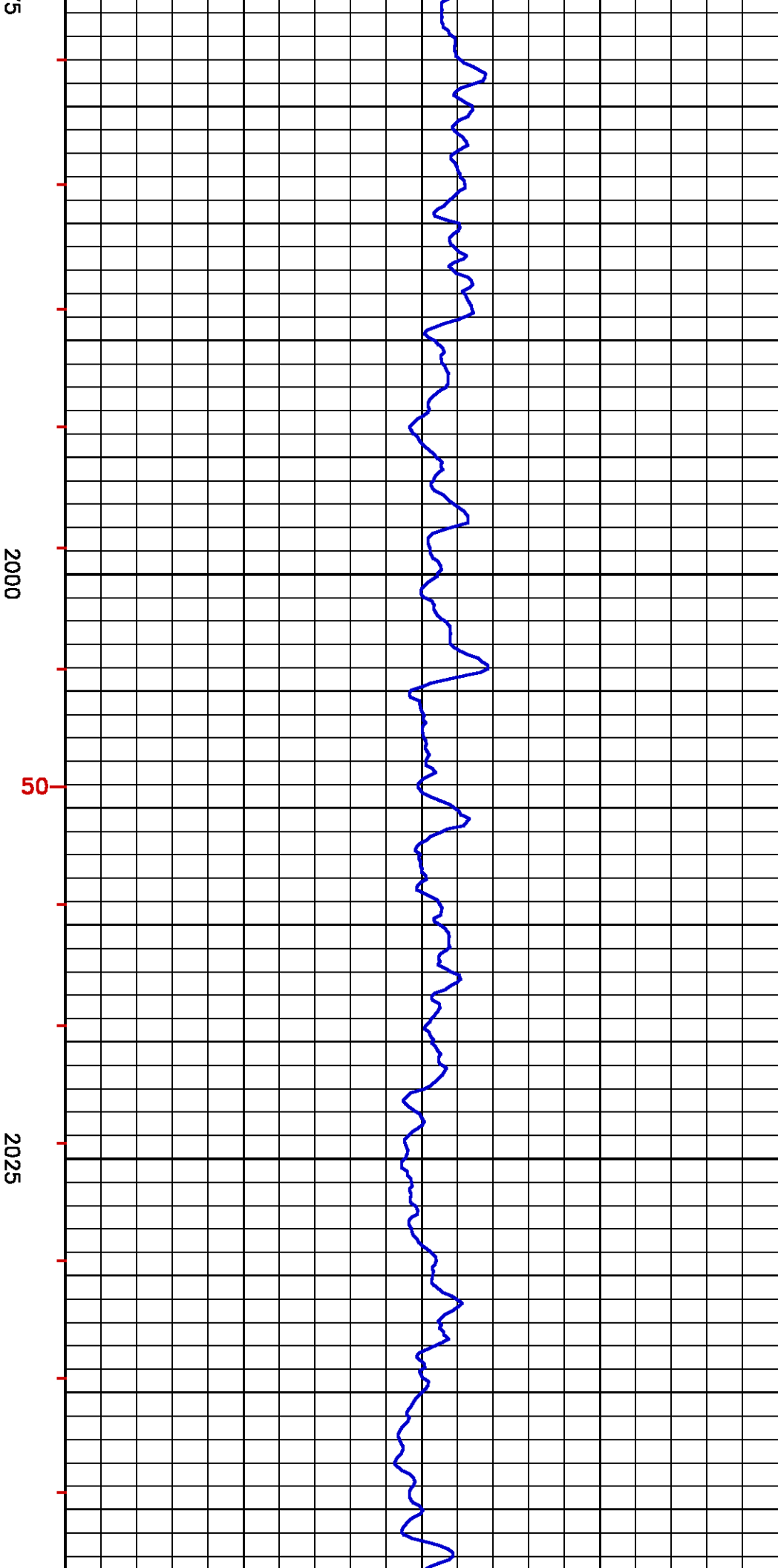


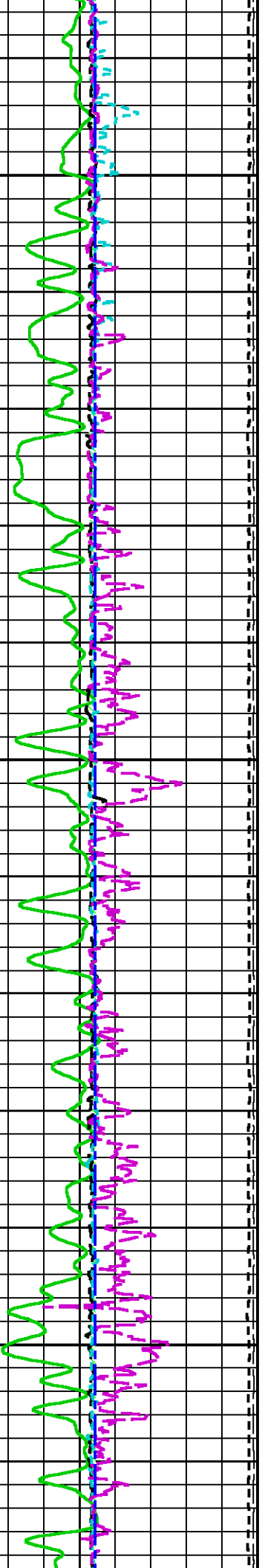
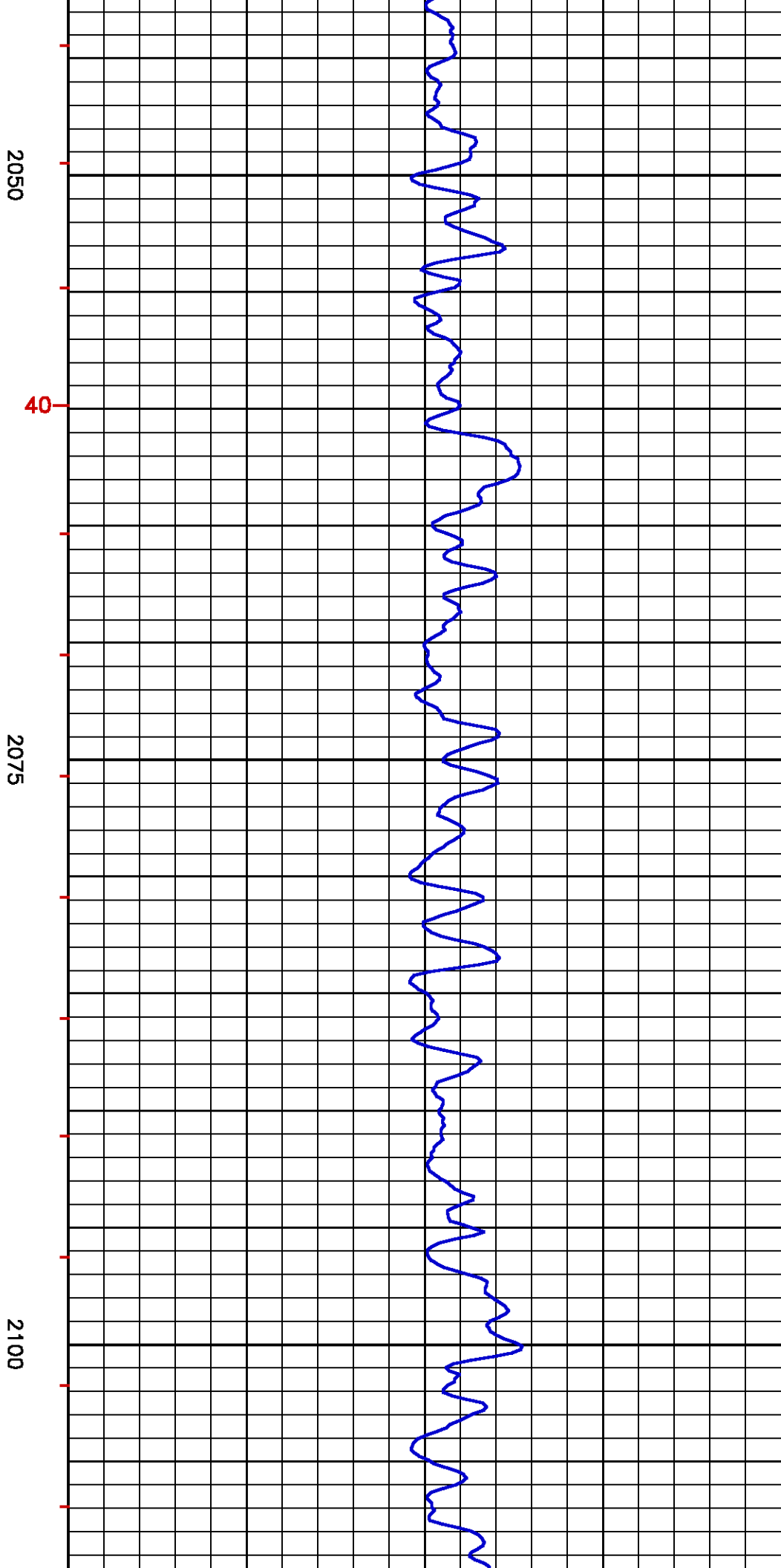


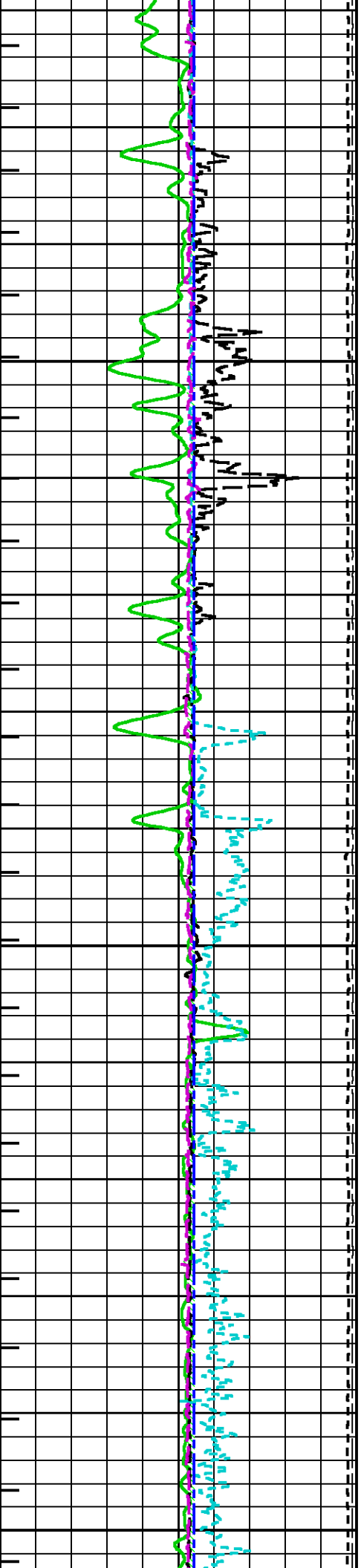
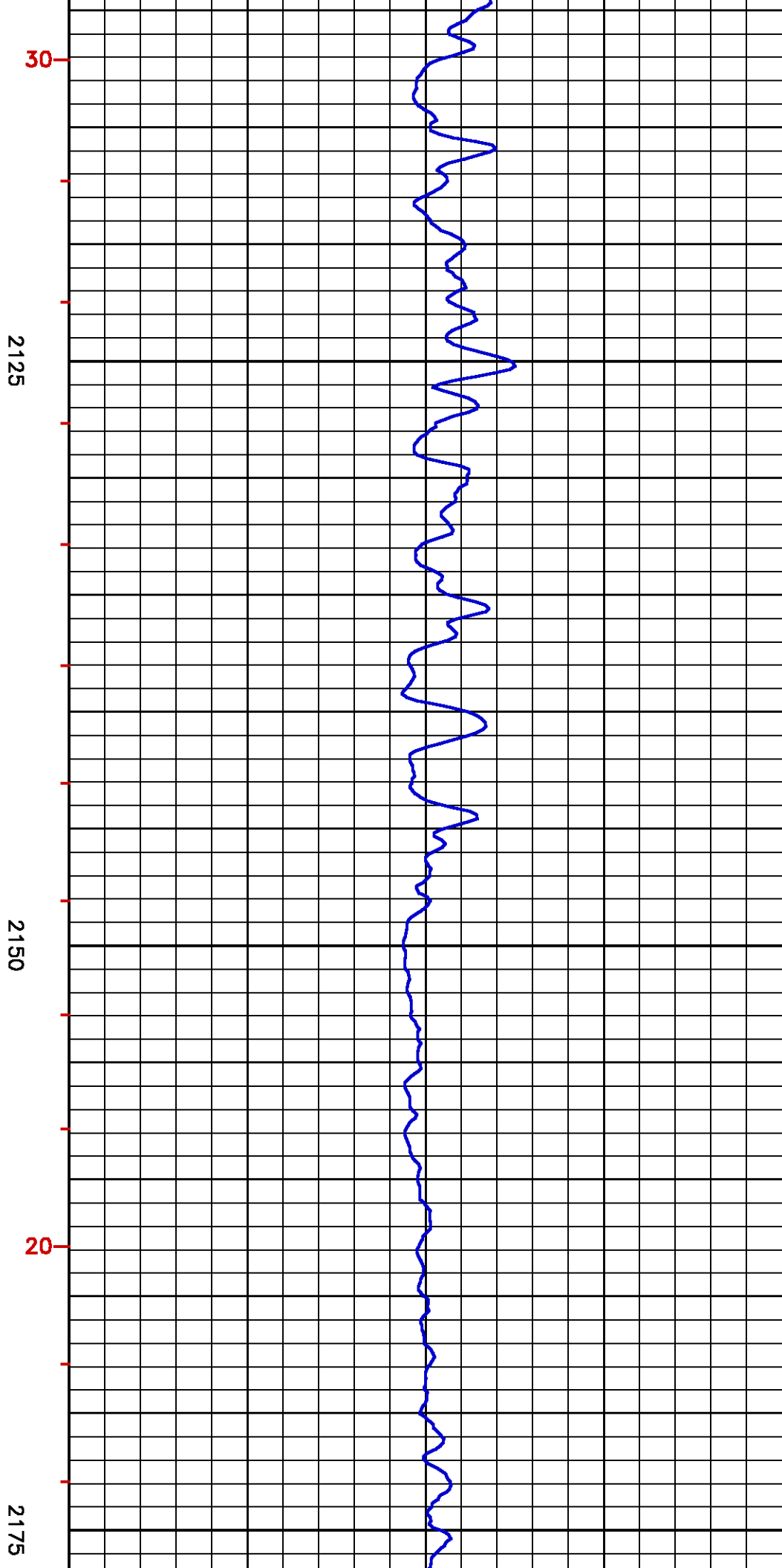


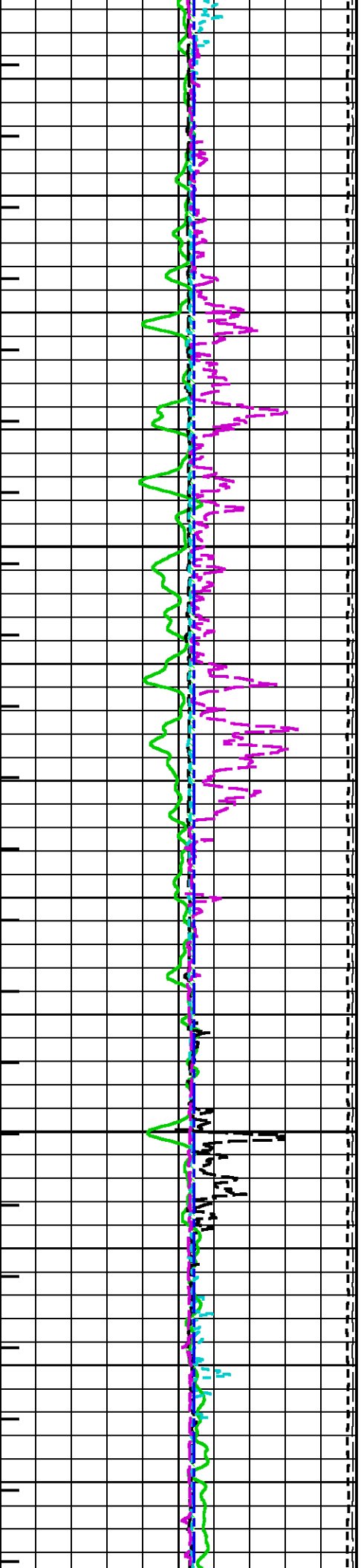
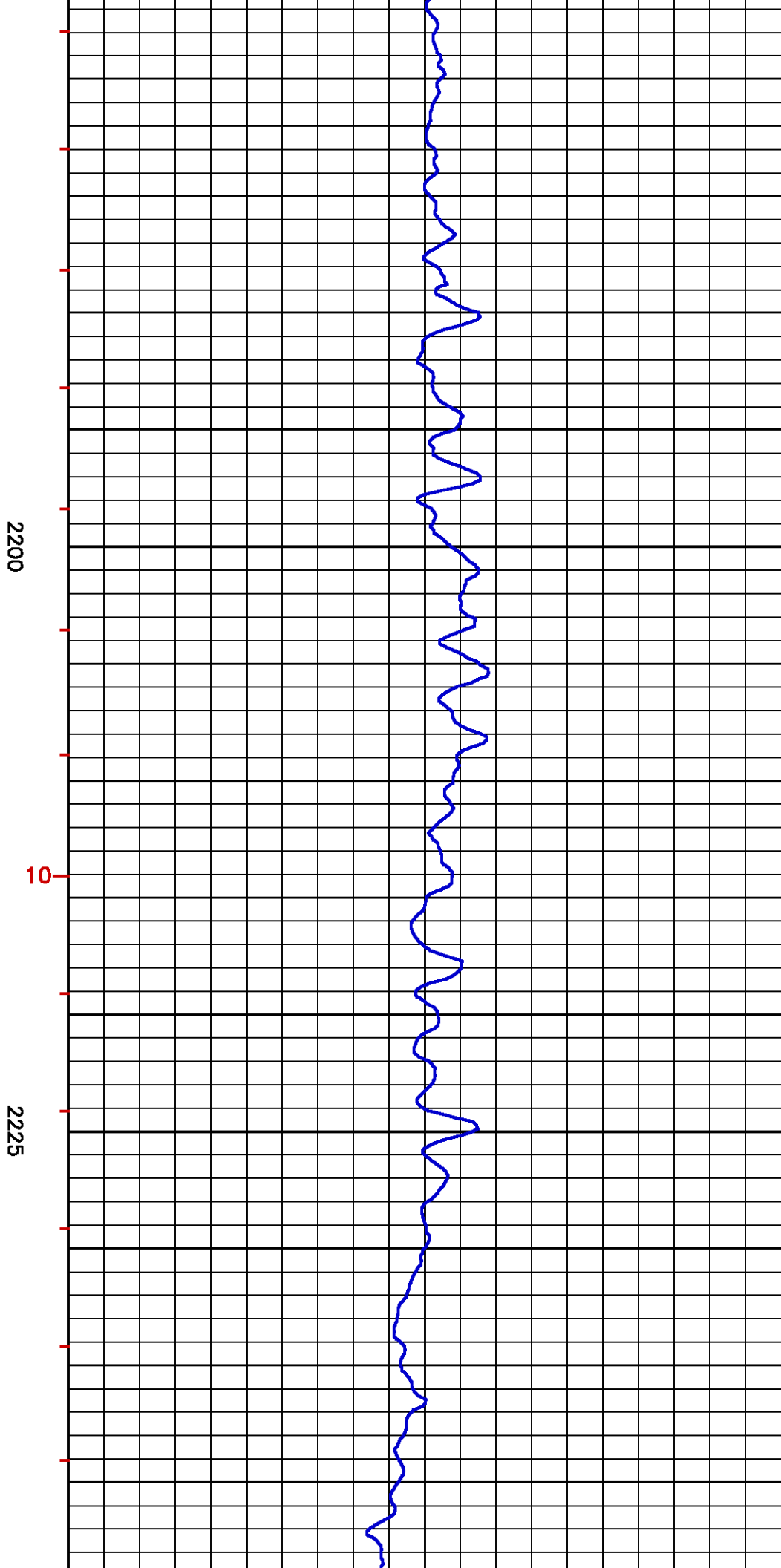


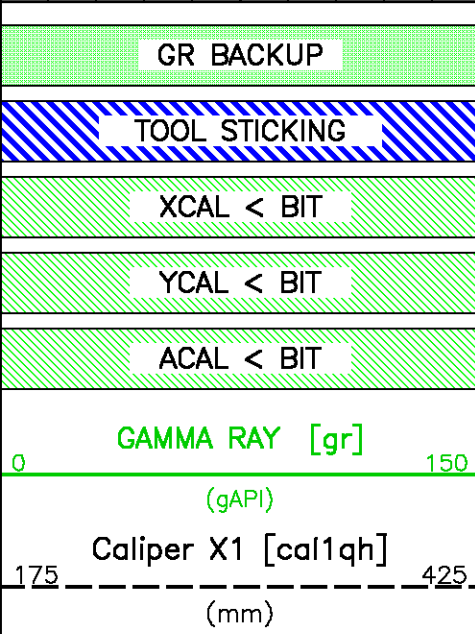
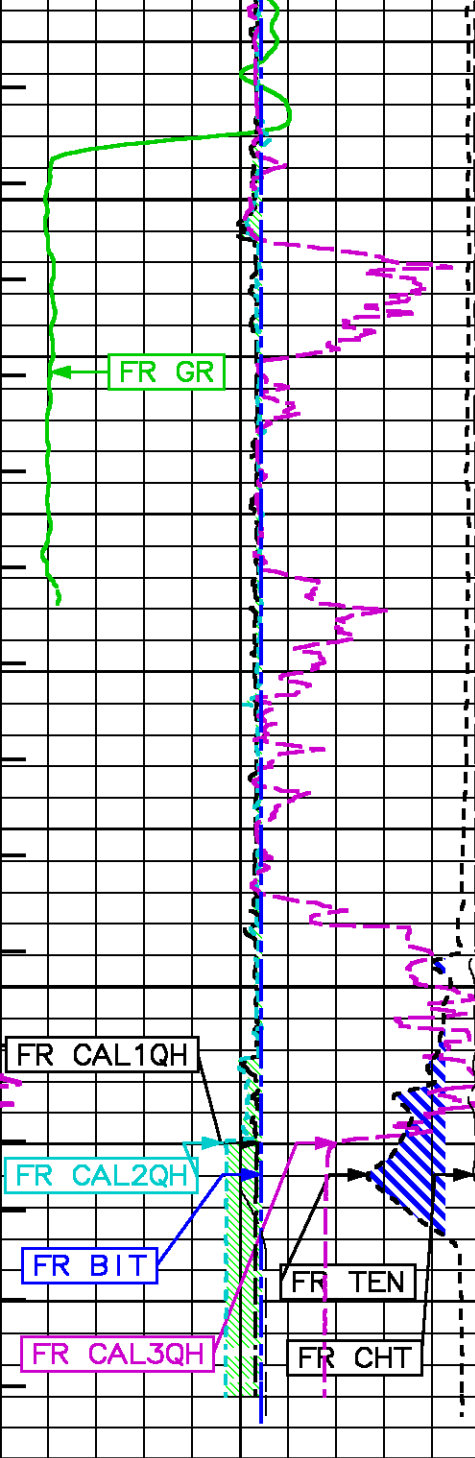










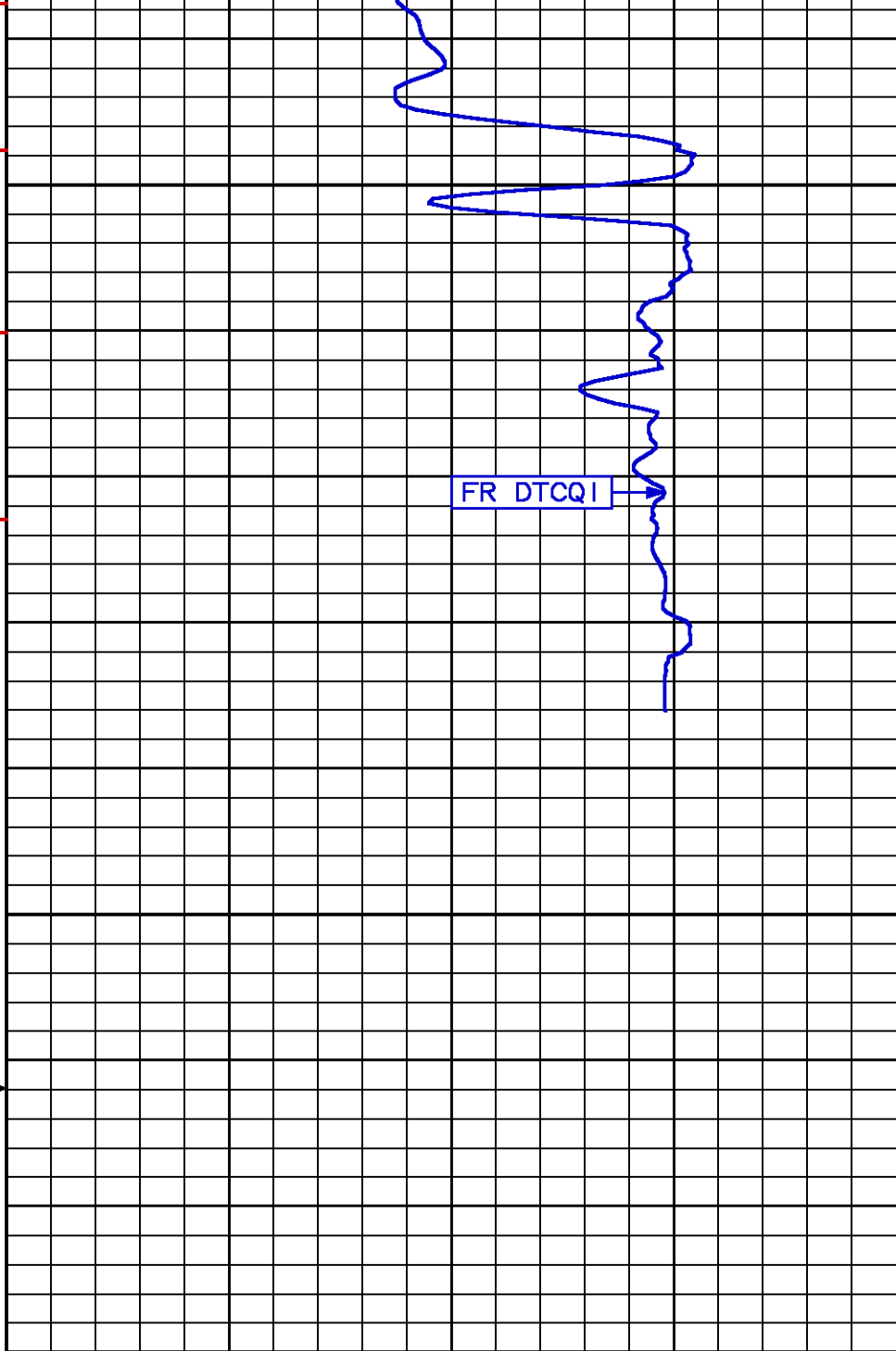


2250

2275

TD

METERS

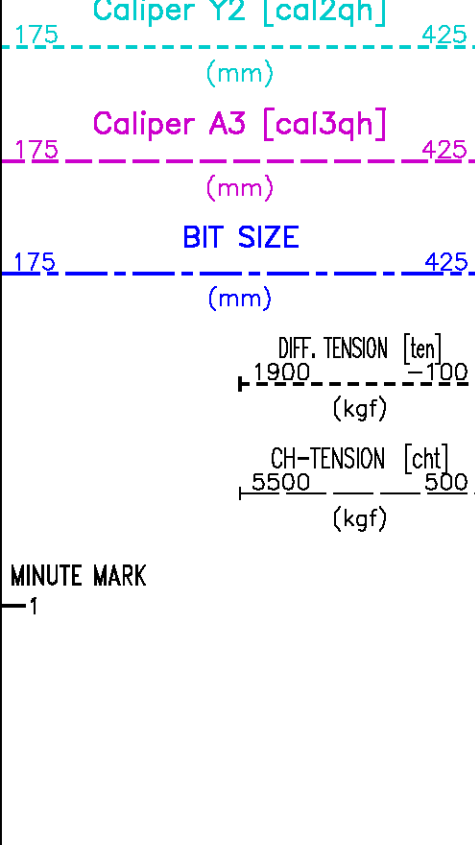


300

EST. DELTA-T COMP. [dtc.i]

(us/m)

100



TT
1-
10-
100-

REPEAT LOG 300:100 SCALE

ECLIPS 6.11 Aug 06, 2010

Wed Nov 3 04:12:18 2010

Patches: 1

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.50

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/nalcor_run1/m8741802.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 565.582 m BOTTOM DEPTH: 659.999 m

SYMMETRIC FILTER

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

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
BIT SIZE	BIT SIZE	311.000	mm	TOP	BOTTOM

ACOUSTIC AVAN CORRELATON

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
MONOPOLE COMPRESSIONAL	FORMATION TYPE	GENERIC (MEDIUM)		TOP	BOTTOM
	CORRELATION METHOD	NTH ROOT		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	100	us/m	''	''
	TAPER - RIGHT END	275	us/m	''	''
	FLOOR (UNIV. OPTION)	0.050		''	''

FLOOR (UNITS: OPTION)0.050

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
WAVEFORM FILTER - FULLWAVE	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	2000	Hz	''	''
	HIGH FREQ CUTOFF	20000	Hz	''	''

ACOUSTIC TCC CONTROL PARAMETERS

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
GENERAL TCC PARAMETERS	AGC	ON		TOP	BOTTOM
	SUBCYCLE LENGTH	50		''	''
	SUBSET	1		''	''
GENERAL MONOPOLE TCC PARAMETERS	STACK LEVEL	2		''	''
	DSP FILTER	ON		''	''
FULL WAVE MONOPOLE TCC PARAMETERS	ACG WINDOW	8064	us	''	''
	SAMPLE PERIOD	24		''	''
	RX DELAY	0	us	''	''

CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Nov 2 10:48:08 2010	BIT SIZE
F1:CAL1QH	Nov 2 10:48:08 2010	DIAMETER FROM PAD 1 AND ITS OPPOSITE
F1:CAL2QH	Nov 2 10:48:08 2010	DIAMETER FROM PAD 2 AND ITS OPPOSITE
F1:CAL3QH	Nov 2 10:48:08 2010	DIAMETER FROM PAD 3 AND ITS OPPOSITE
F1:CHT	Nov 2 10:48:08 2010	CABLE HEAD TENSION
F1:DTCQI	Nov 2 10:48:08 2010	COMPRESSIONAL WAVE SLOWNESS
F1:GR	Nov 2 10:48:08 2010	GAMMA RAY
F1:MMRK	Nov 2 10:48:08 2010	MINUTE MARK
F1:TEN	Nov 2 10:48:08 2010	DIFFERENTIAL TENSION

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	CAL2QH	1.01	CHT	0.00	GR	25.49
CAL1QH	1.01	CAL3QH	1.01	DTCQI	20.42	TEN	0.00

Presentation : cpu1:/dat1a/pass/nalcor_run1/mac_rpt100-300.pdf [1:240 Scale]

Plot Interval : 540.41 - 659.968 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/nalcor_run1/r1t1_repeat.xtf

Created On : Nov 2 10:48:08 2010

Company : NALCOR ENERGY

Well : NALCOR ET AL FINNEGAN 31

Field : FINNEGAN

File Interval : 536.296 - 659.968 Meters

Oct : m874IB

GR BACKUP

TOOL STICKING

XCAL < BIT

YCAL < BIT

ACAL < BIT

GAMMA RAY [gr]

Caliper 1 [cal1qh]

(mm)

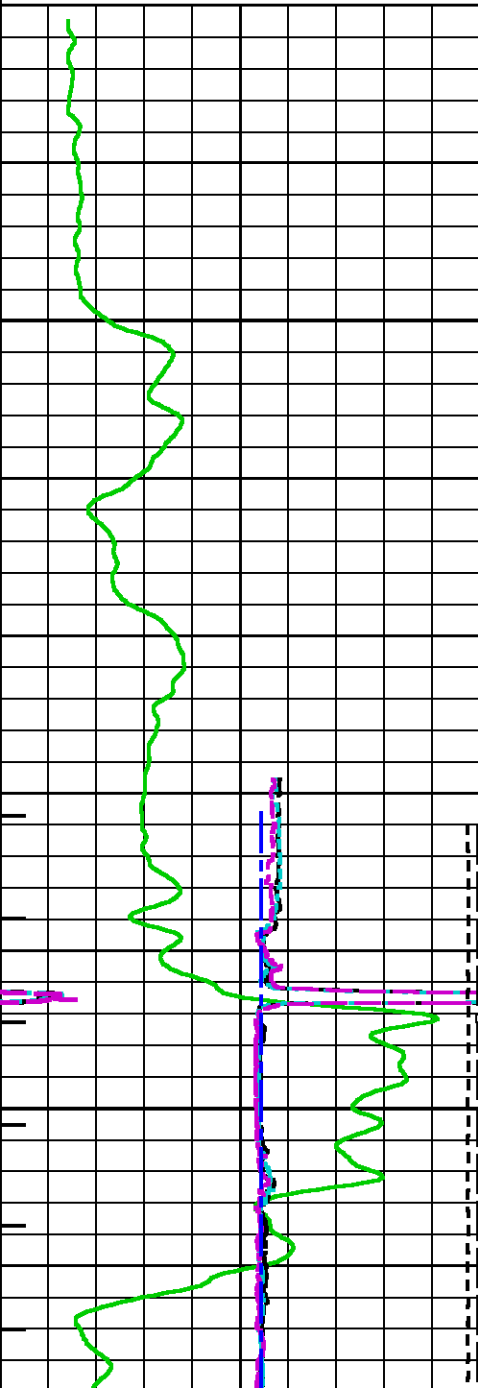
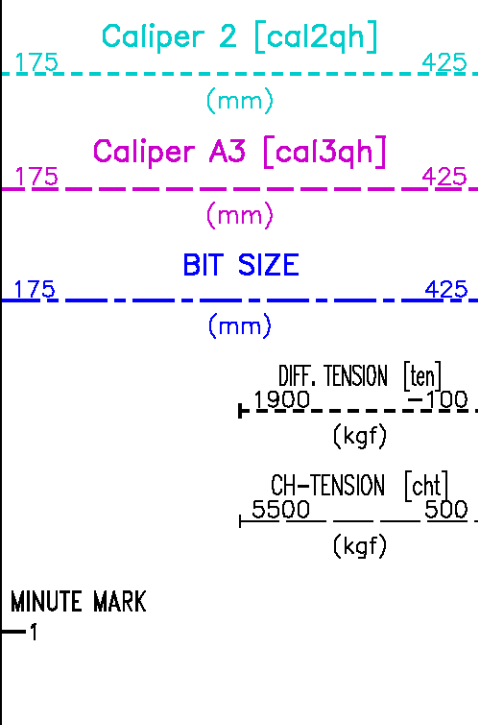
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METERS

EST. DELTA-T COMP. [dte.i]

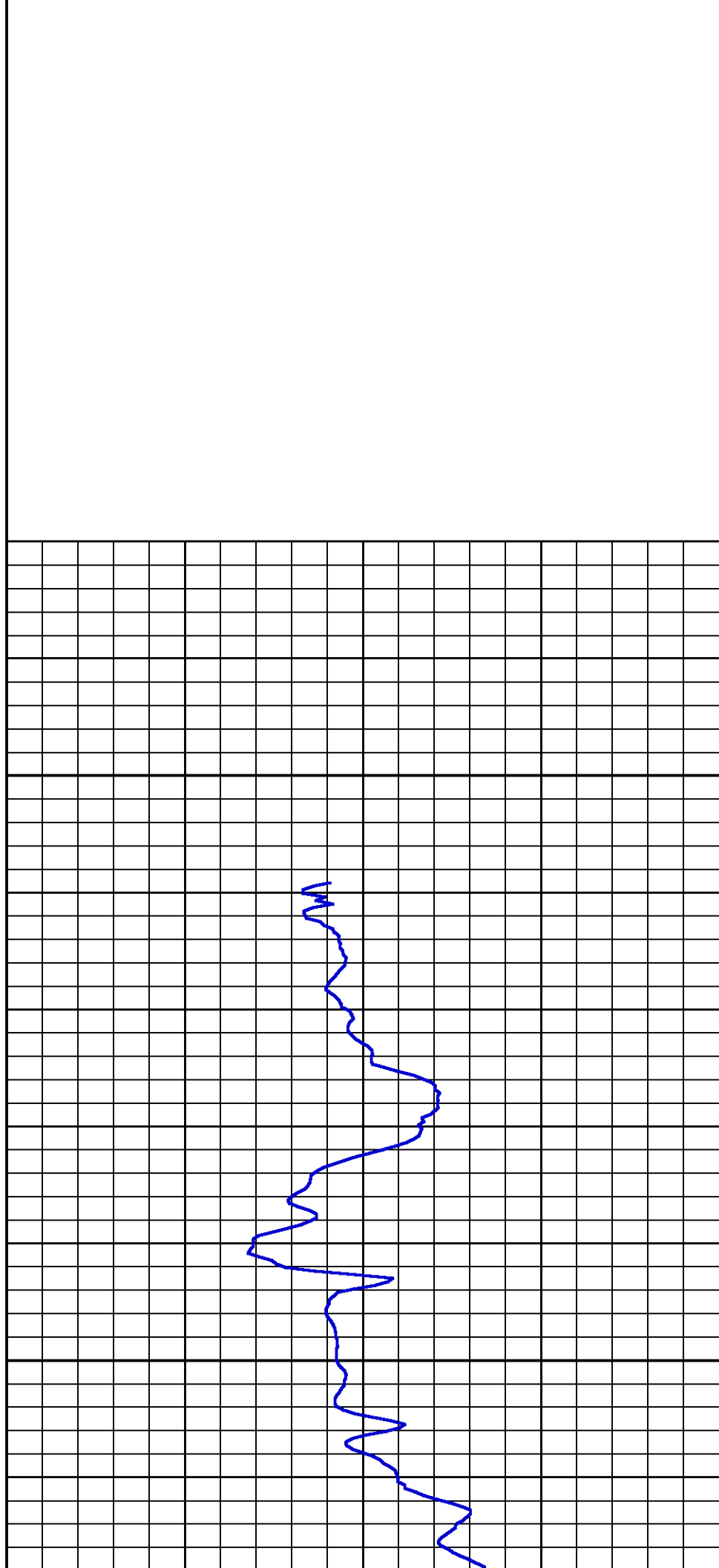
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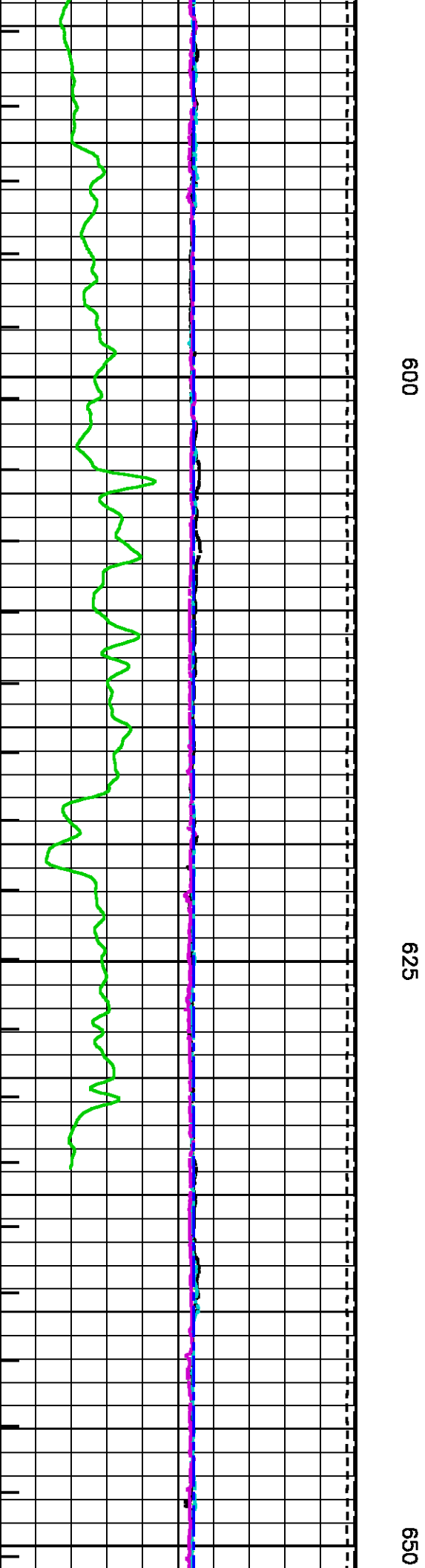
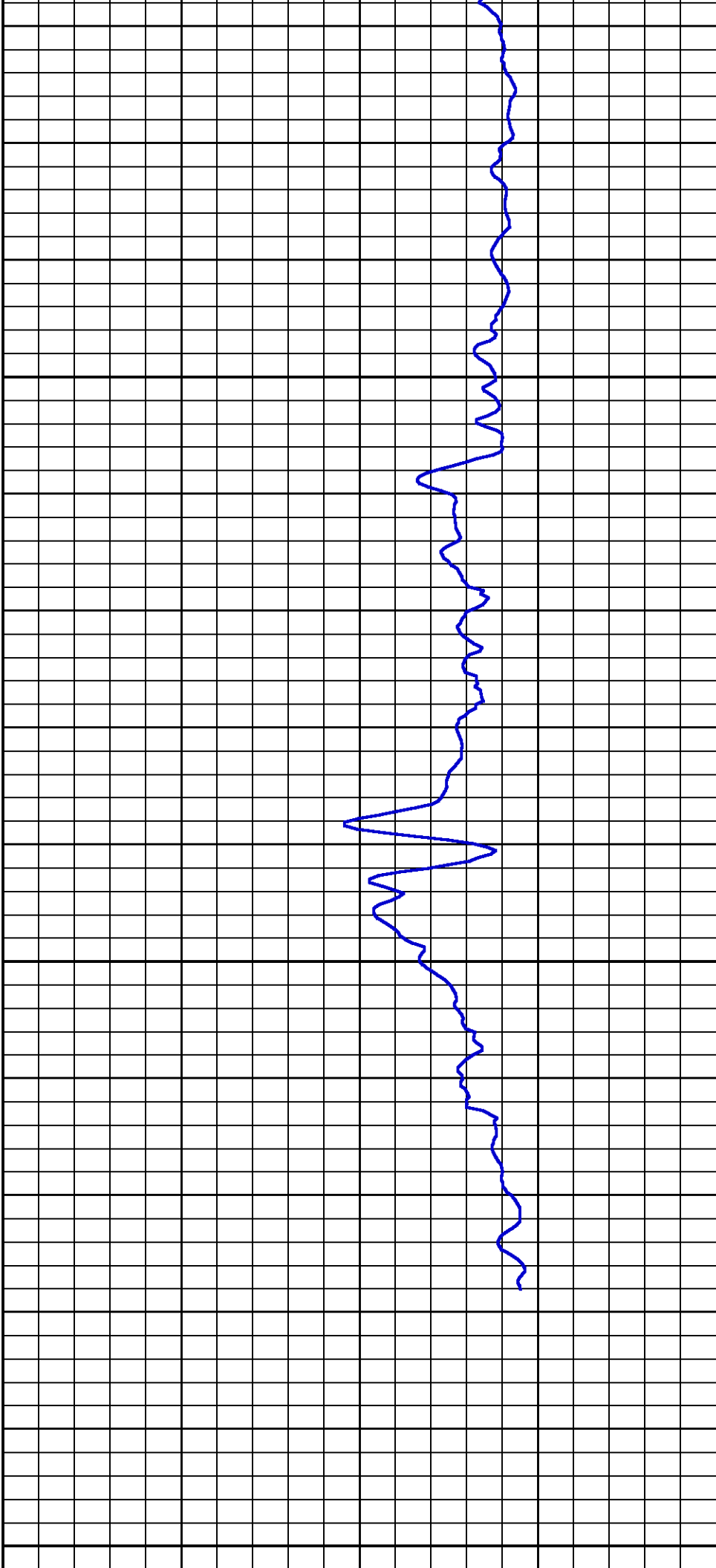
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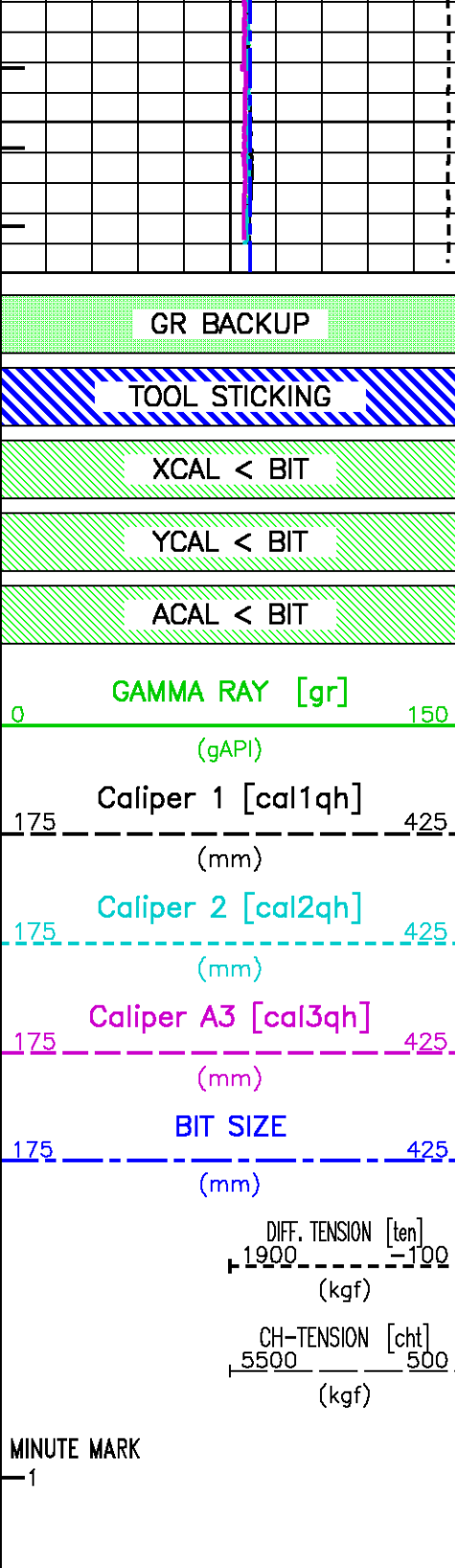


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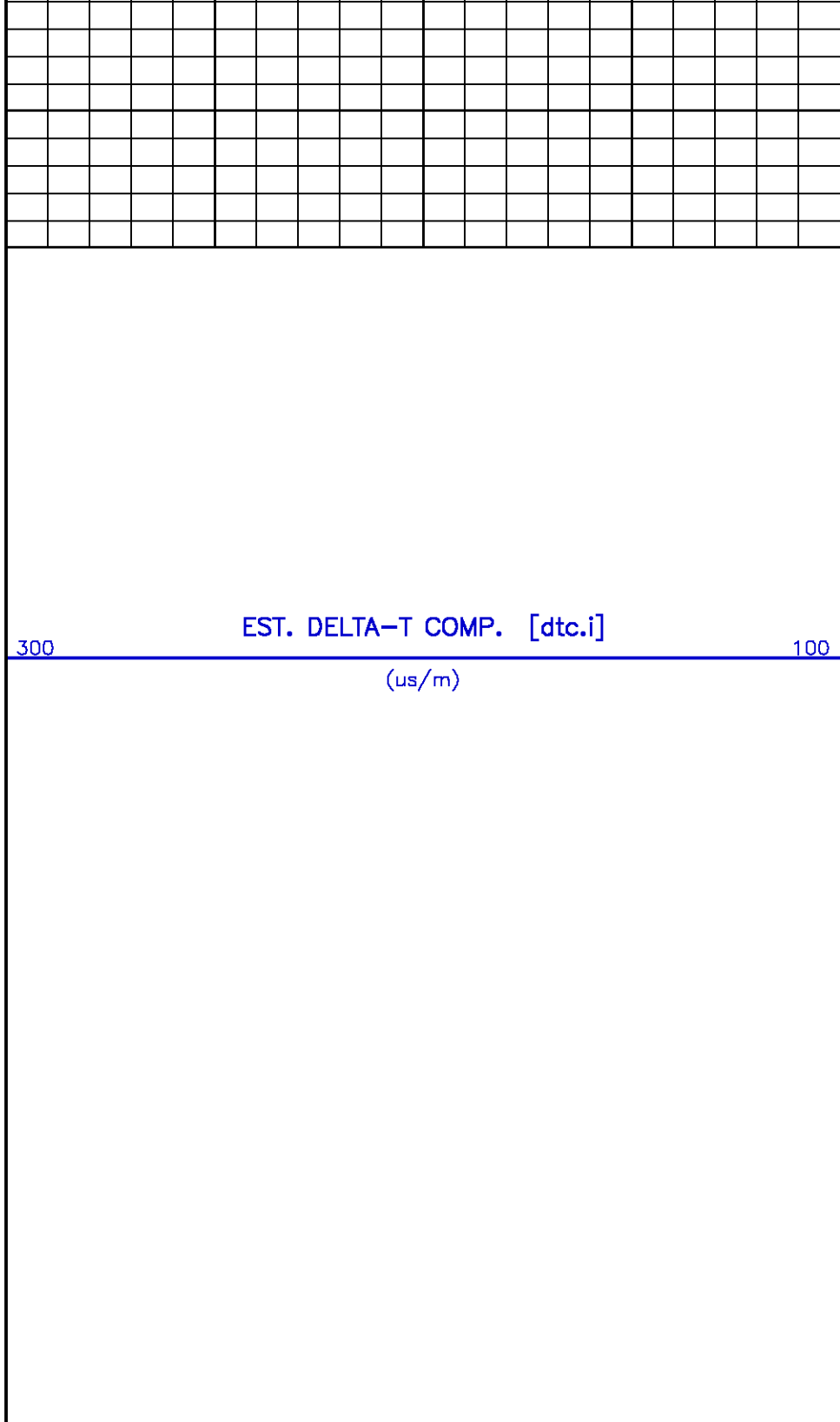
575





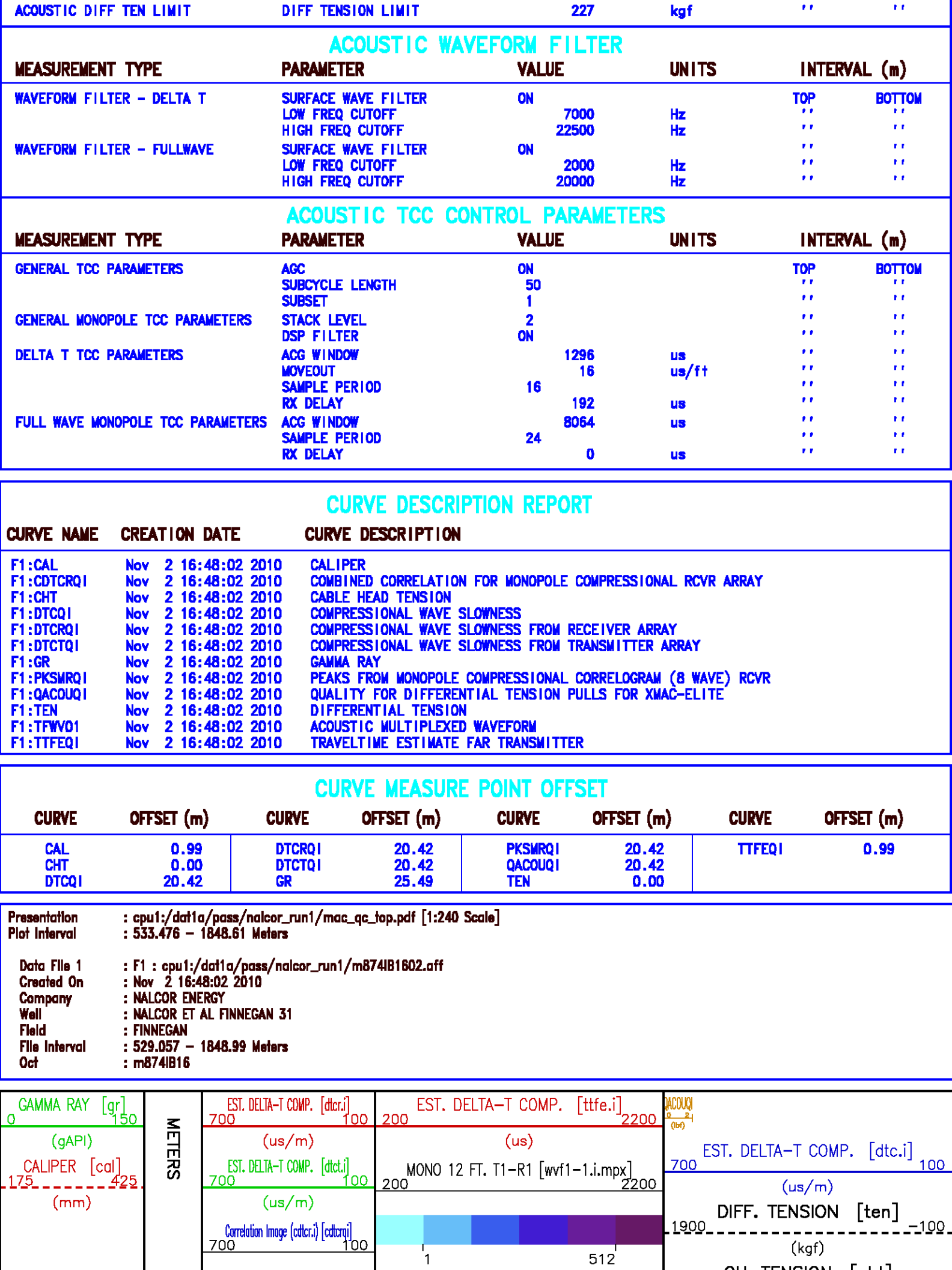


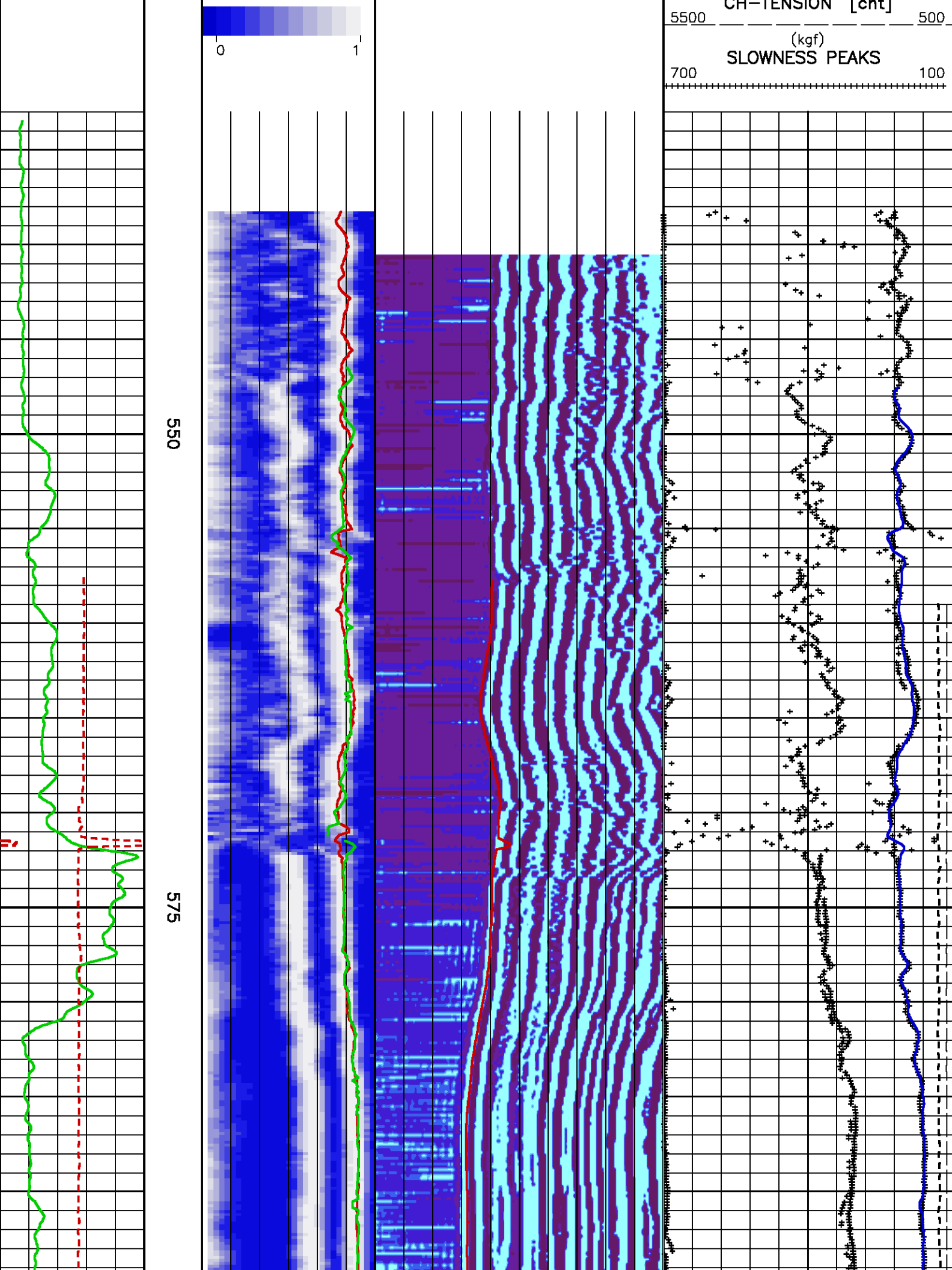
METERS

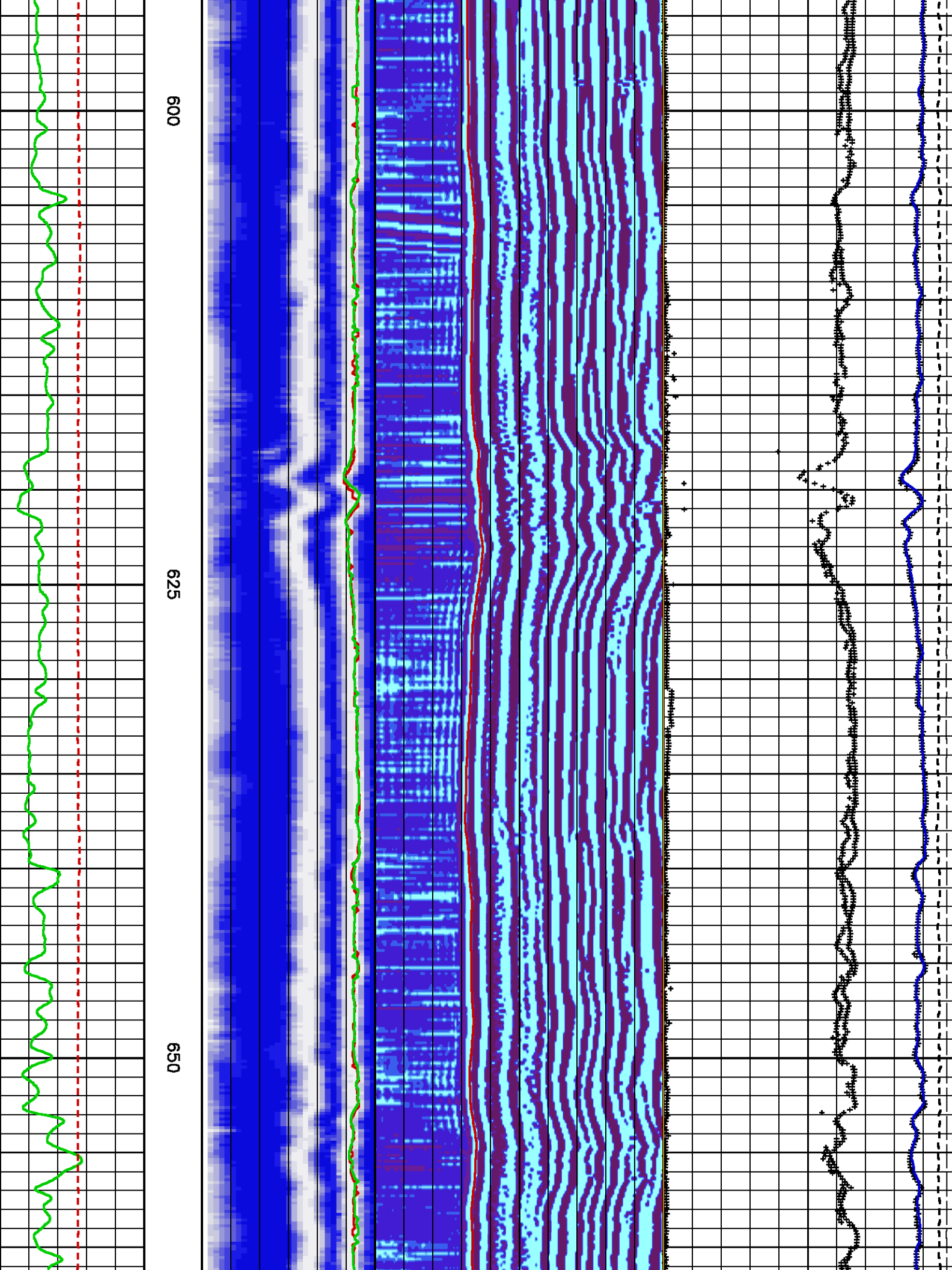


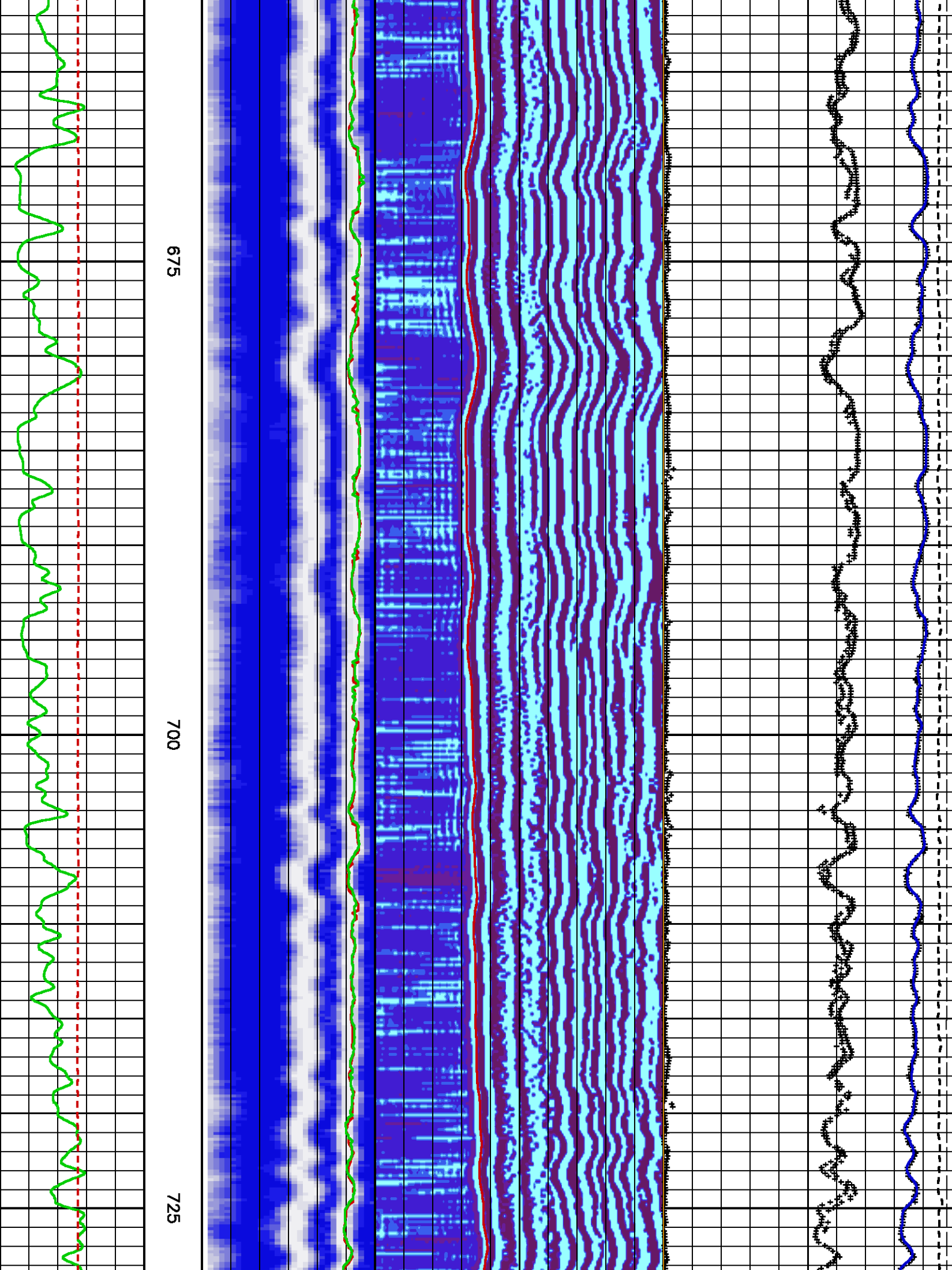
QUALITY CONTROL PRESENTATION 570m - 1825m

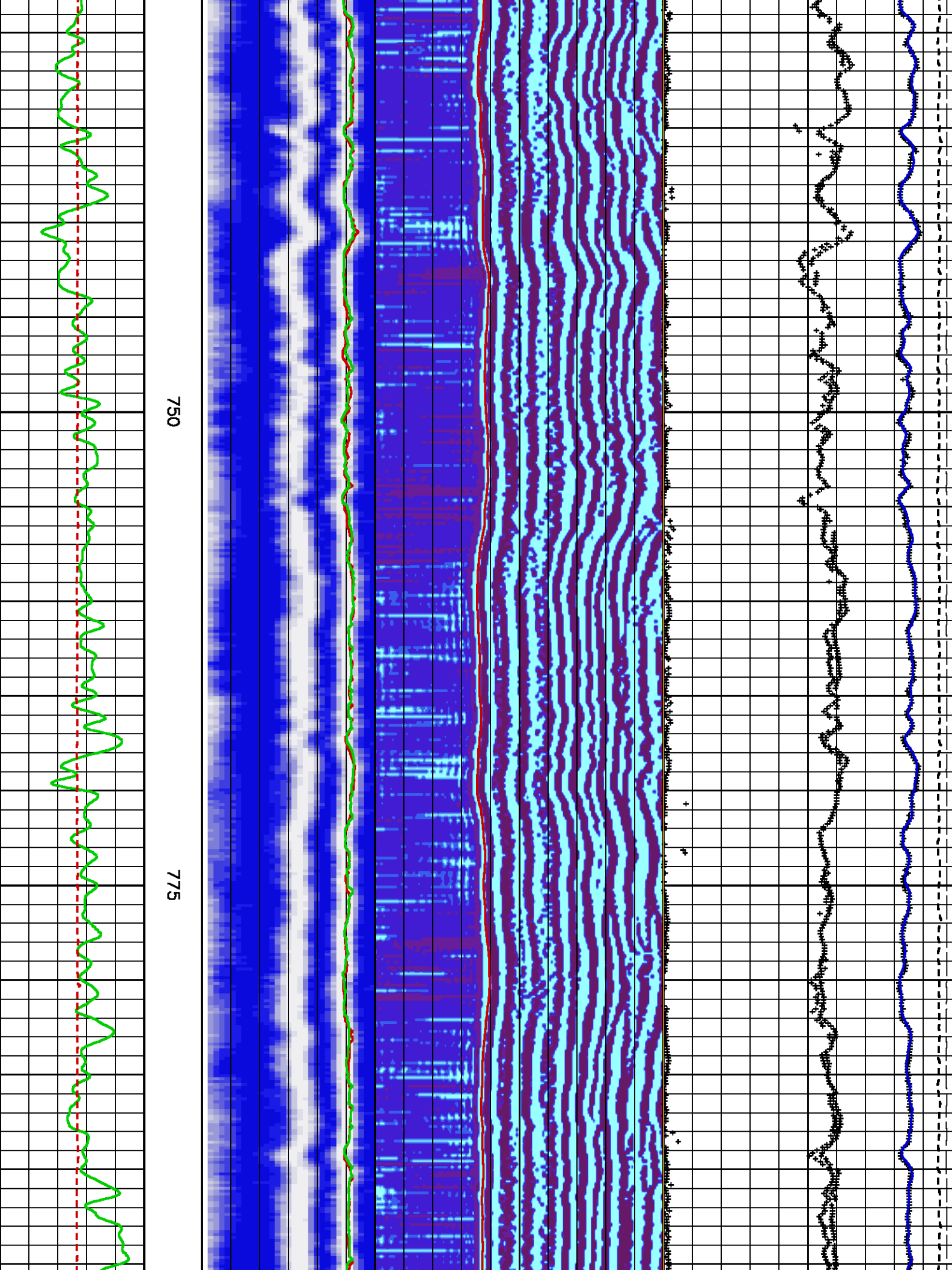
PARAMETER AND FILTER SUMMARY REPORT					
FILE: /data/pass/nalcor_run1/m8741B1802.prm LOGGING MODE: DEPTH DIRECTION: UP TOP DEPTH: 558.622 m BOTTOM DEPTH: 1848.993 m					
SYMMETRIC FILTER					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CHT TENSION	FILTER ()	medium (1)		TOP	BOTTOM
	FILTER ()	medium (1)		''	''
	FILTER (.j)	medium (1)		''	''
	FILTER (.k)	medium (1)		''	''
GR DT24	FILTER ()	medium (1)		''	''
	FILTER ()	light (2)		''	''
BOREHOLE & CEMENT					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CASING - BOREHOLE & CEMENT VOLUME MULTI-ARM (6) CALIPER PROCESSING BIT SIZE BOREHOLE CORR DIAMETER SOURCE BOREHOLE CORR DIAMETER	CASING O.D.	244.500	mm	TOP	BOTTOM
	CALC. METHOD	CHAD (SPLINE FIT)		''	''
	BIT SIZE	311.000	mm	''	''
	CALIPER/FIXED DIA. (acbh*)	USE CALIPER		''	''
	FIXED DIAMETER (acbh*)	311.000	mm	''	''
ACOUSTIC AVAN CORRELATON					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
MONOPOLE DELTA T	FORMATION TYPE	GENERIC (MEDIUM)		TOP	BOTTOM
	CORRELATION METHOD	NTH ROOT		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	100	us/m	''	''
	TAPER - RIGHT END	275	us/m	''	''
MONOPOLE COMPRESSIONAL	FLOOR (UNIV. OPTION)	0.050		''	''
	FORMATION TYPE	GENERIC (MEDIUM)		''	''
	CORRELATION METHOD	NTH ROOT		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	100	us/m	''	''
MONOPOLE SHEAR	TAPER - RIGHT END	275	us/m	''	''
	FLOOR (UNIV. OPTION)	0.050		''	''
	FORMATION TYPE	GENERIC (MEDIUM)		''	''
	GUIDE CURVE	DO NOT USE GUIDE		''	''
	RESET TAPERS			''	''
	TAPER - LEFT END	300	us/m	''	''
	TAPER - RIGHT END	550	us/m	''	''
ACOUSTIC POROSITY					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
ACOUSTIC POROSITY DELTA T CURVE SELECTION	DTfluid	623.36	us/m	TOP	BOTTOM
	DT24 SOURCE	AVAN DT24		''	''
ACOUSTIC PICK CONTROL					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA-T REJECTION RANGE	REJECTION DTmin	131	us/m	TOP	BOTTOM
	REJECTION DTmax	591	us/m	''	''
FIRST ARRIVAL PICK	SEARCH START OFFSET {sfan1*}	0	us	''	''
	SEARCH START OFFSET {sfan2*}	0	us	''	''
	SEARCH START OFFSET {sfan3*}	0	us	''	''
	SEARCH START OFFSET {sfan4*}	0	us	''	''
	SEARCH WINDOW LENGTH	1200	us	''	''
	THRESHOLD FACTOR	0.30		''	''
	THRESHOLD MINIMUM {sfan1*}	1.8	pct	''	''
	THRESHOLD MINIMUM {sfan2*}	1.8	pct	''	''
	THRESHOLD MINIMUM {sfan3*}	1.8	pct	''	''
	THRESHOLD MINIMUM {sfan4*}	1.8	pct	''	''
	E3 THRESHOLD	OFF		''	''
ACOUSTIC QUALITY CONTROL					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CYCLE SKIP LIMIT	CYCLE SKIP LIMIT	100	us	TOP	BOTTOM

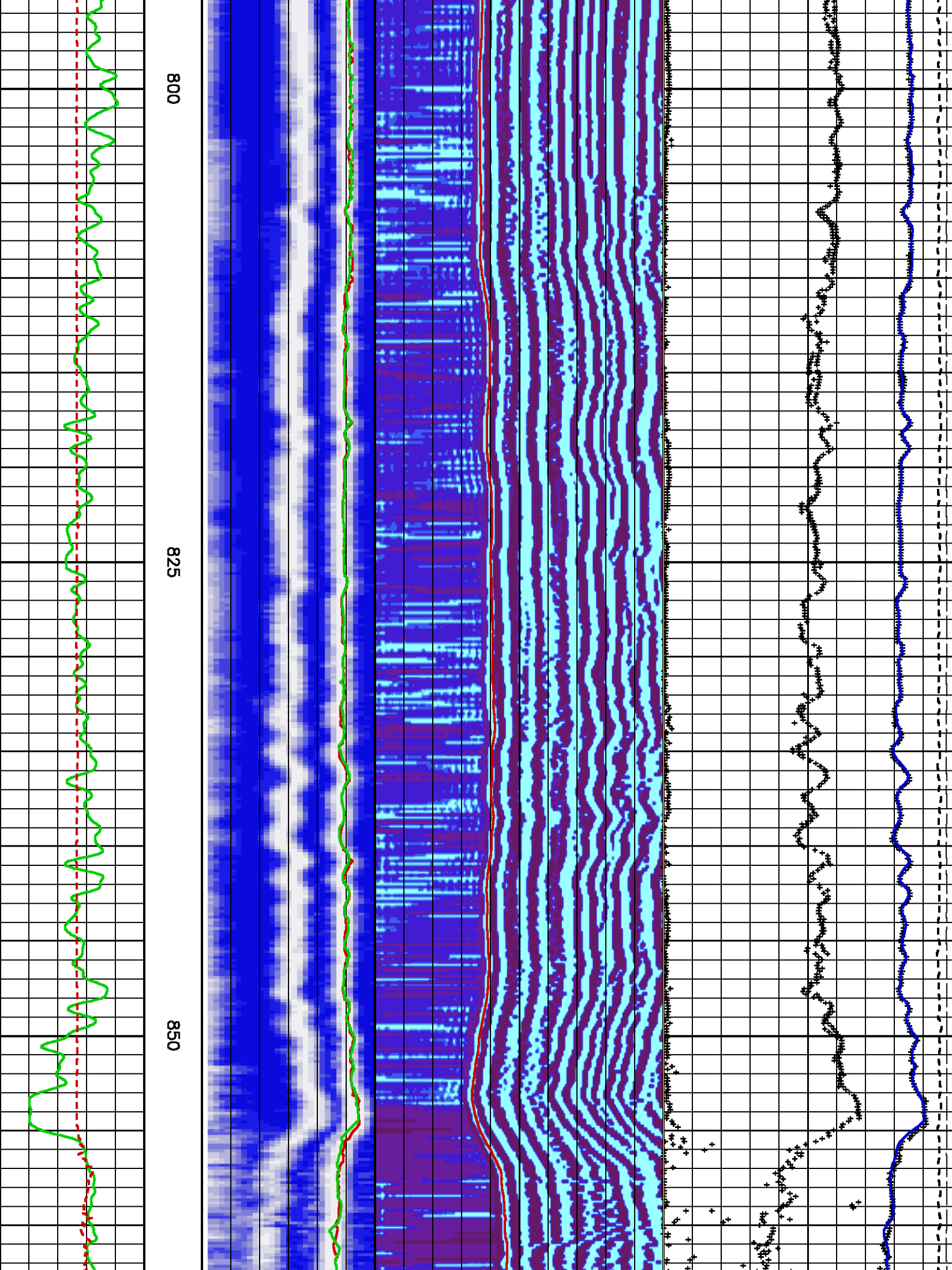


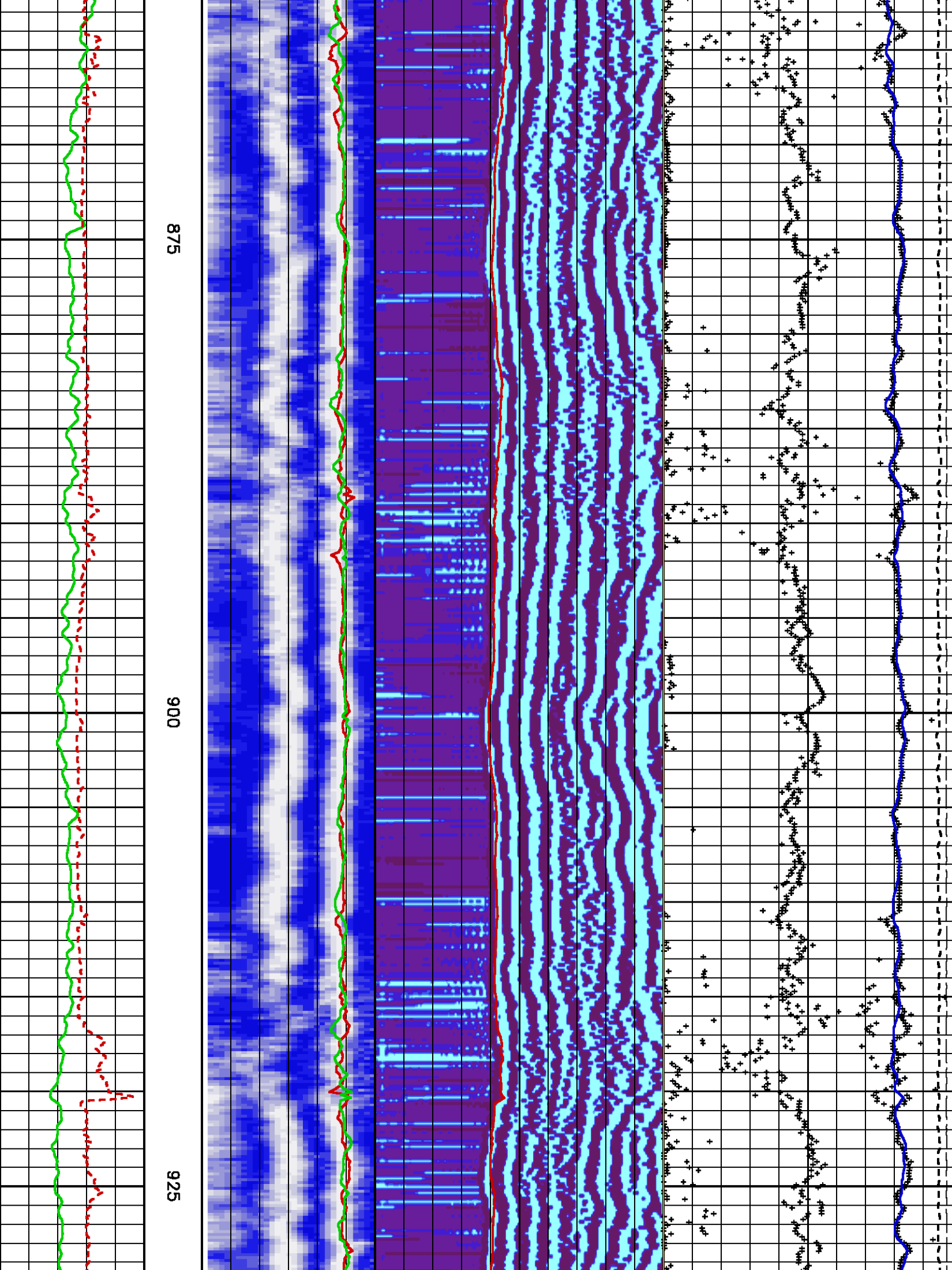


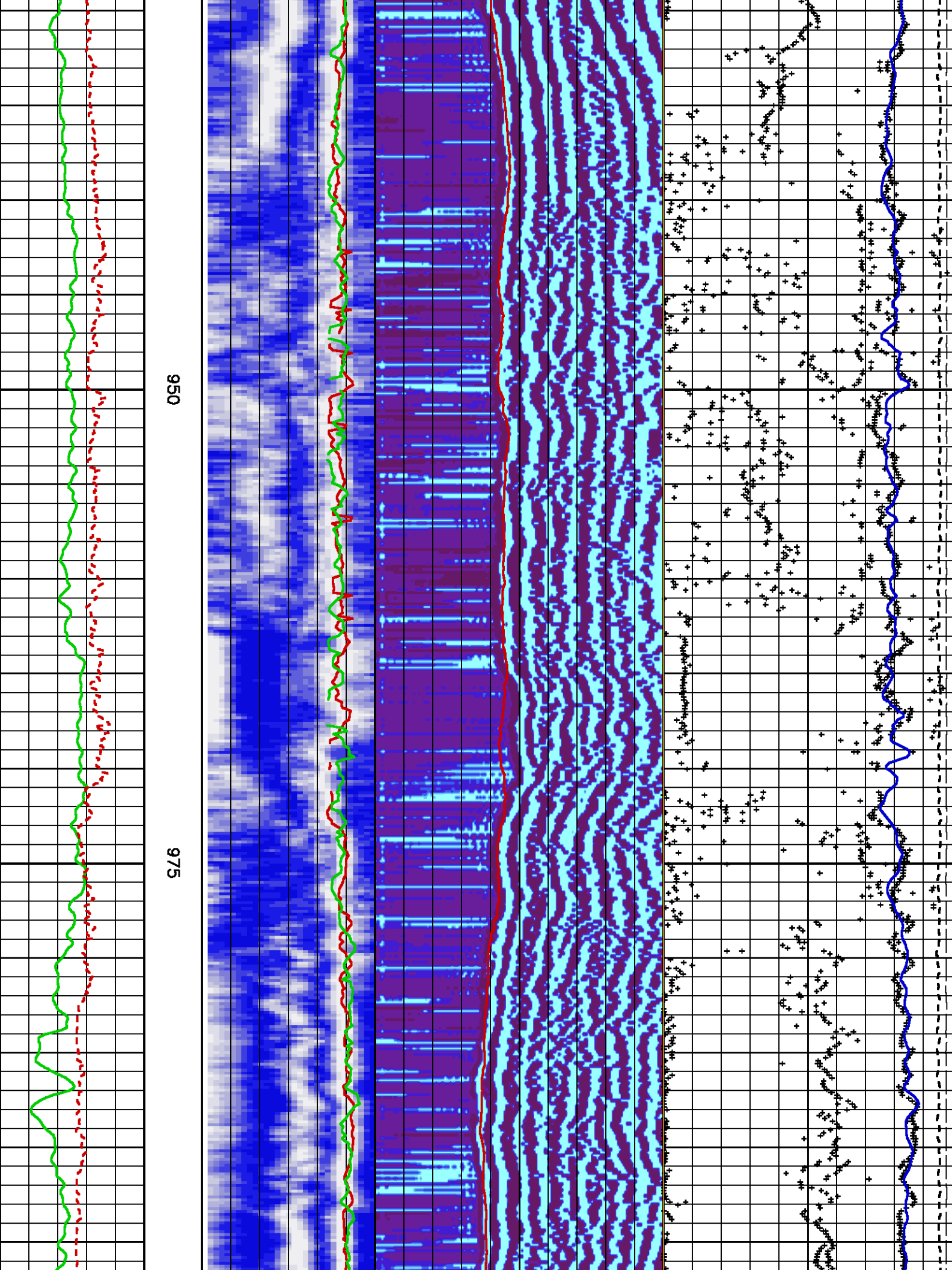


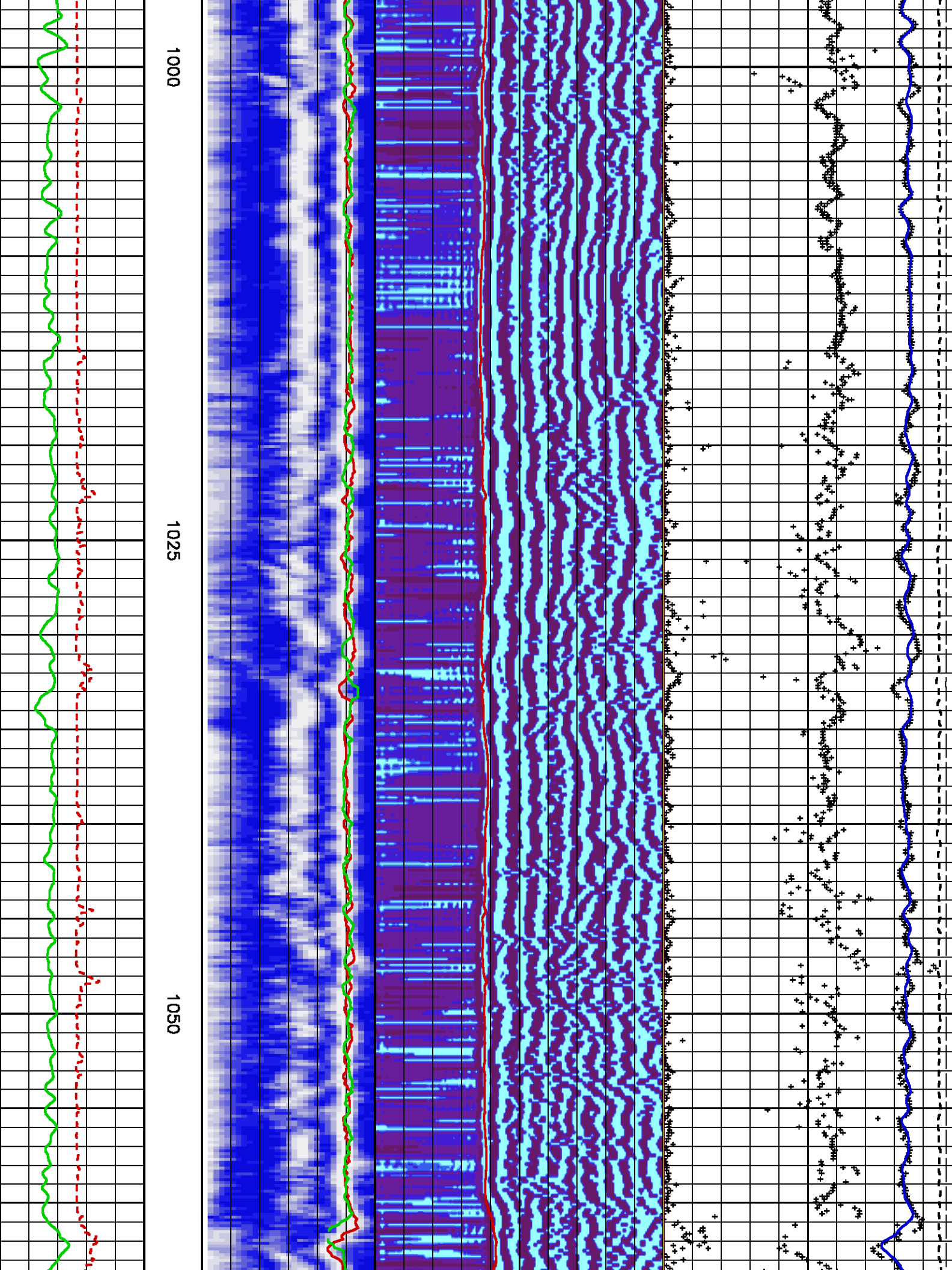


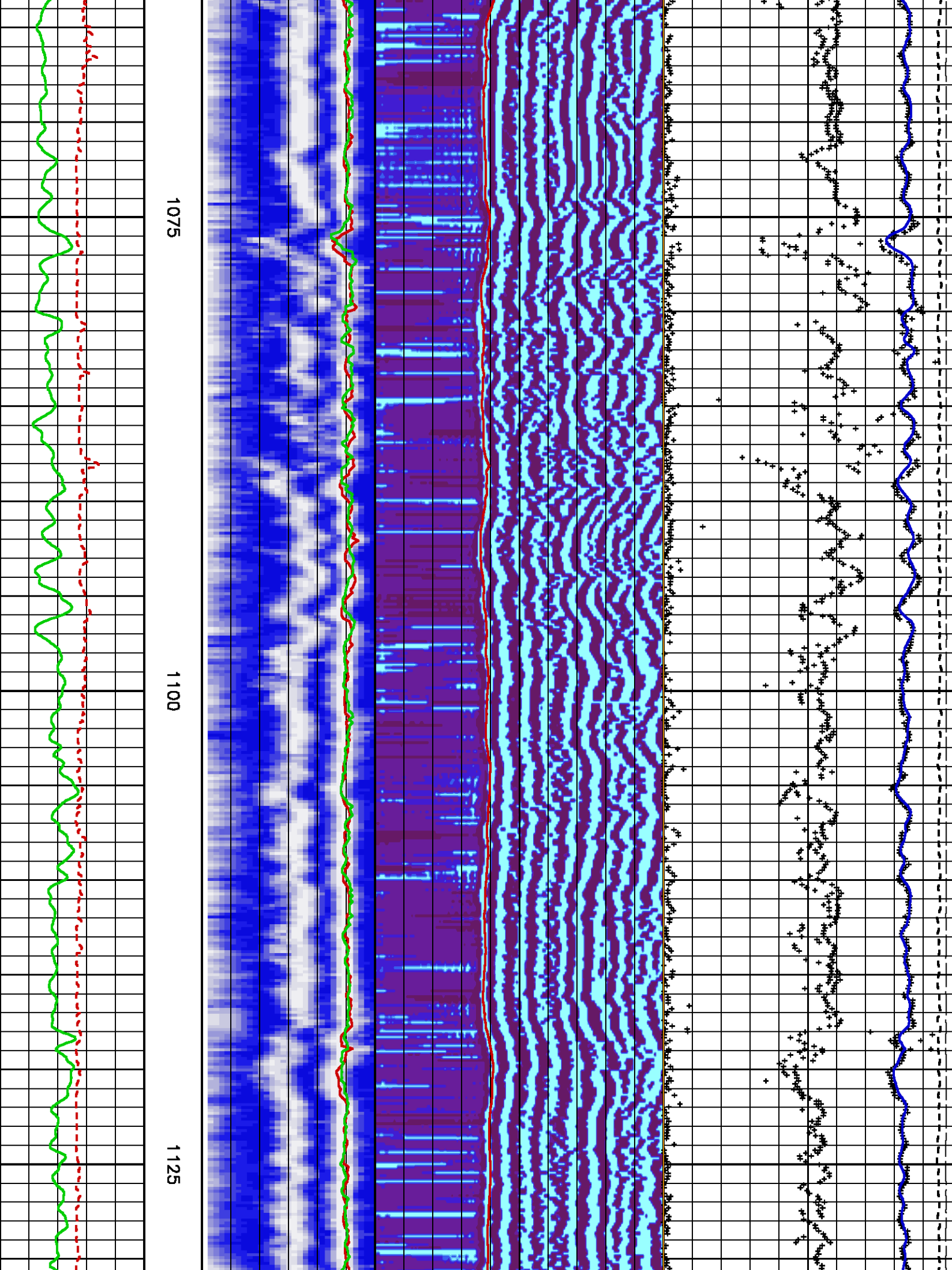


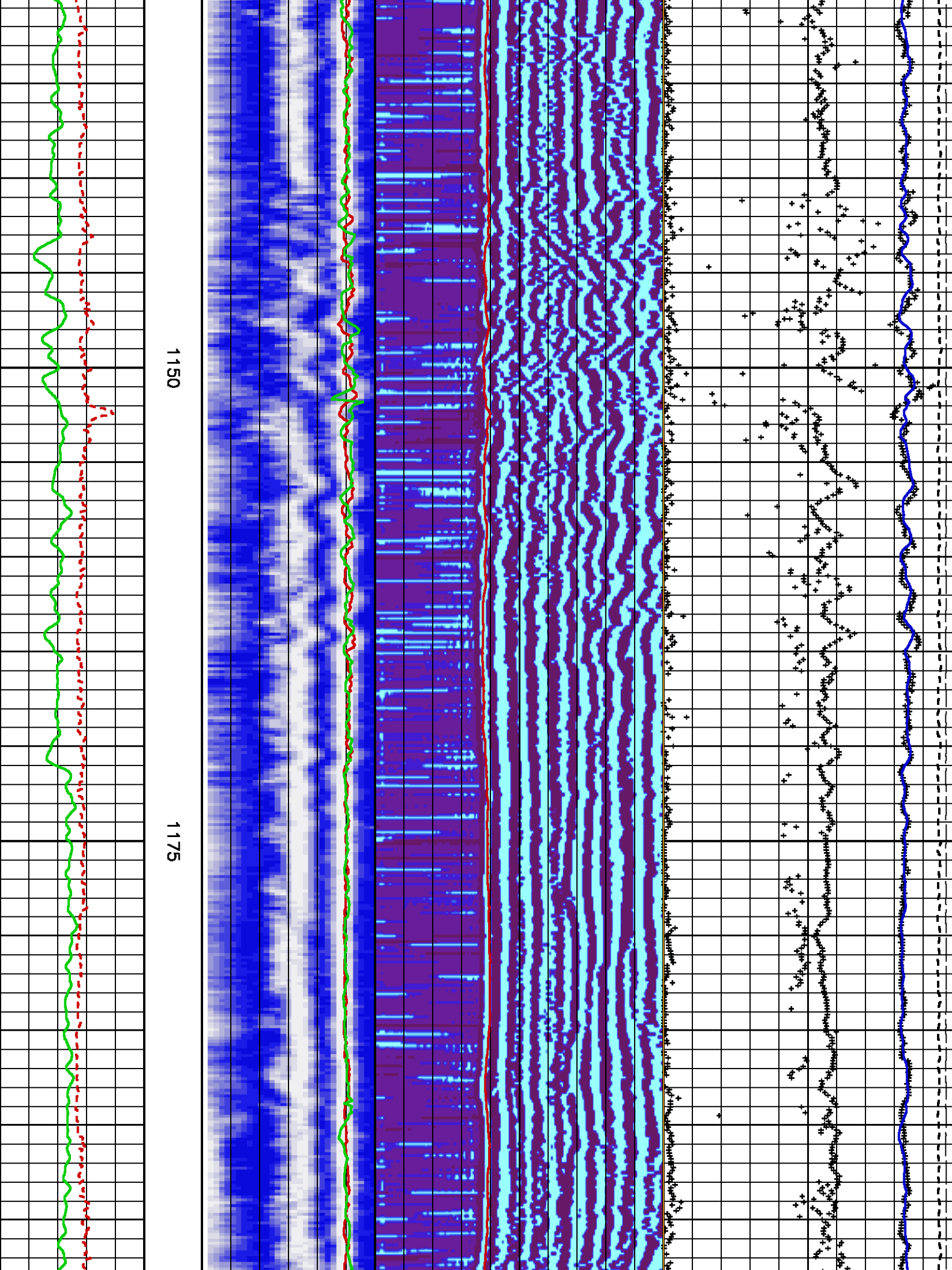


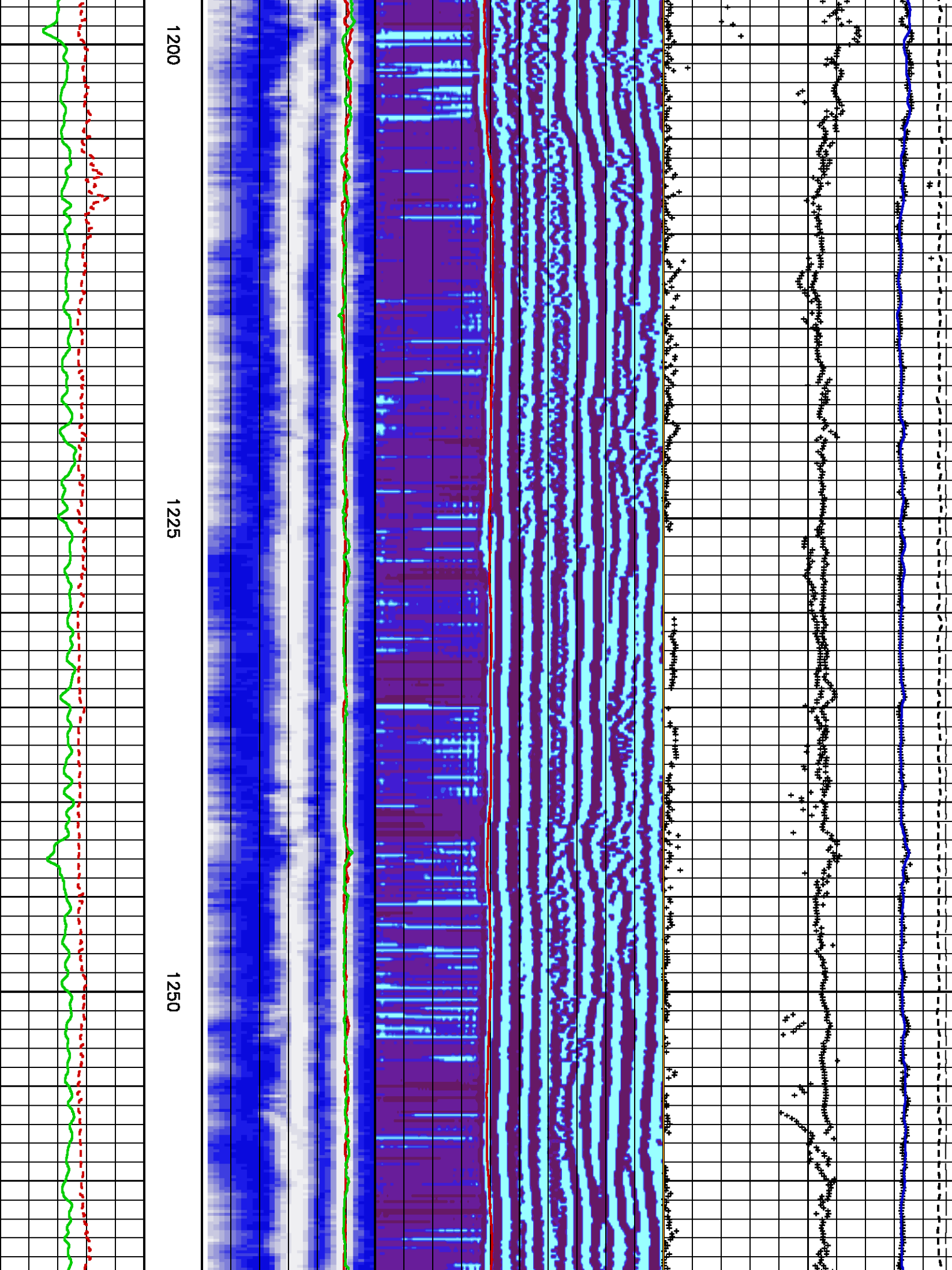


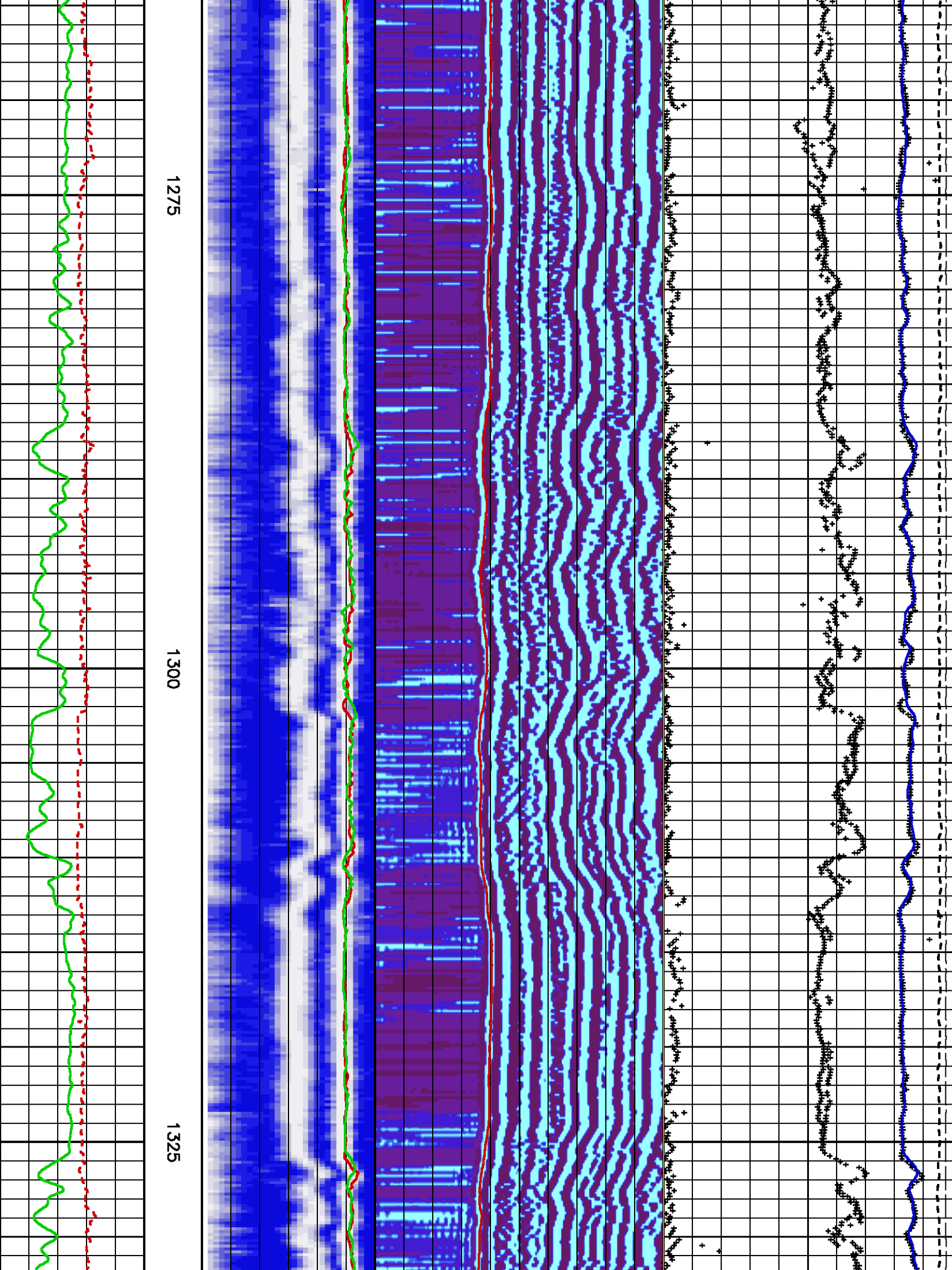


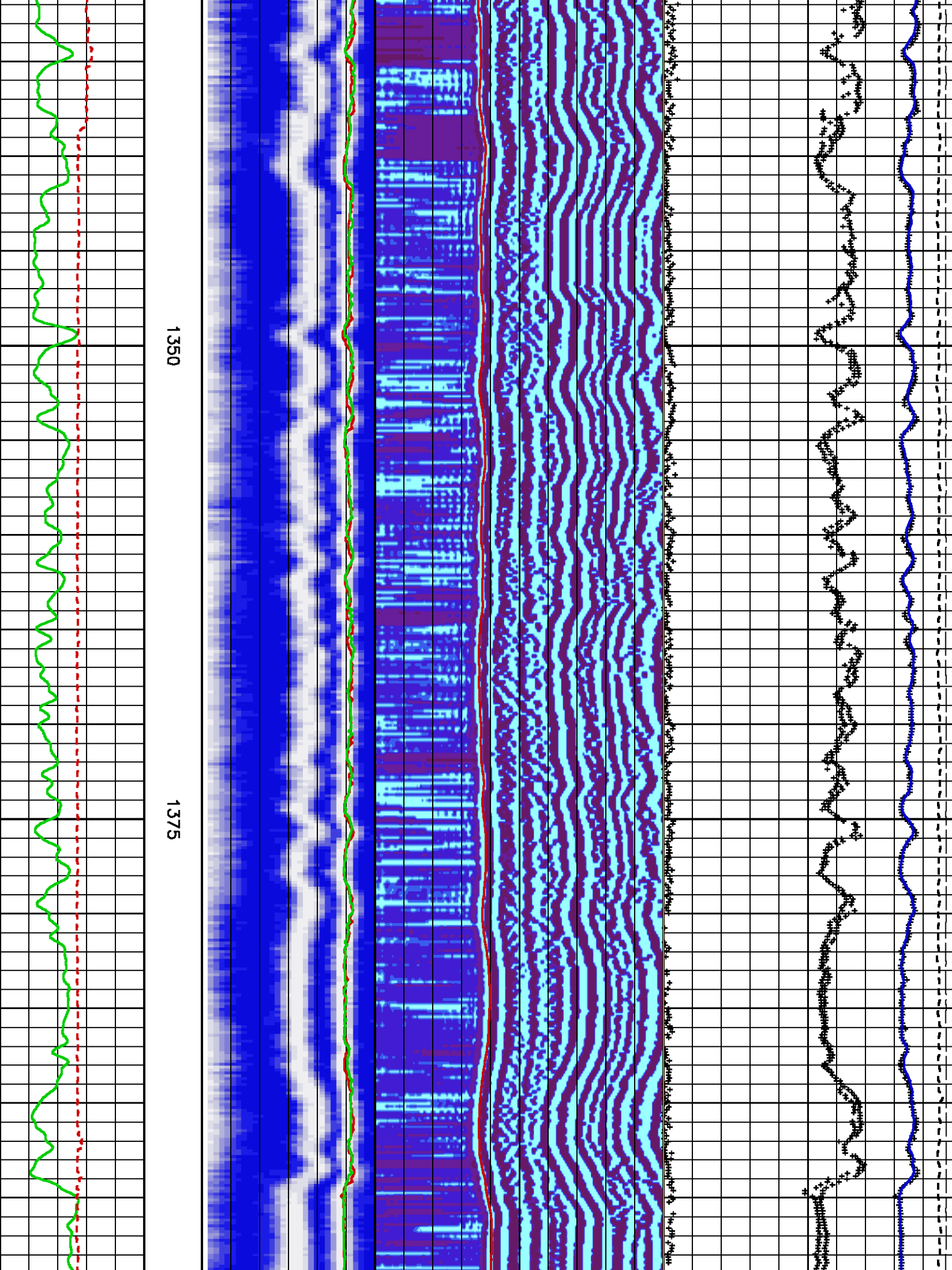


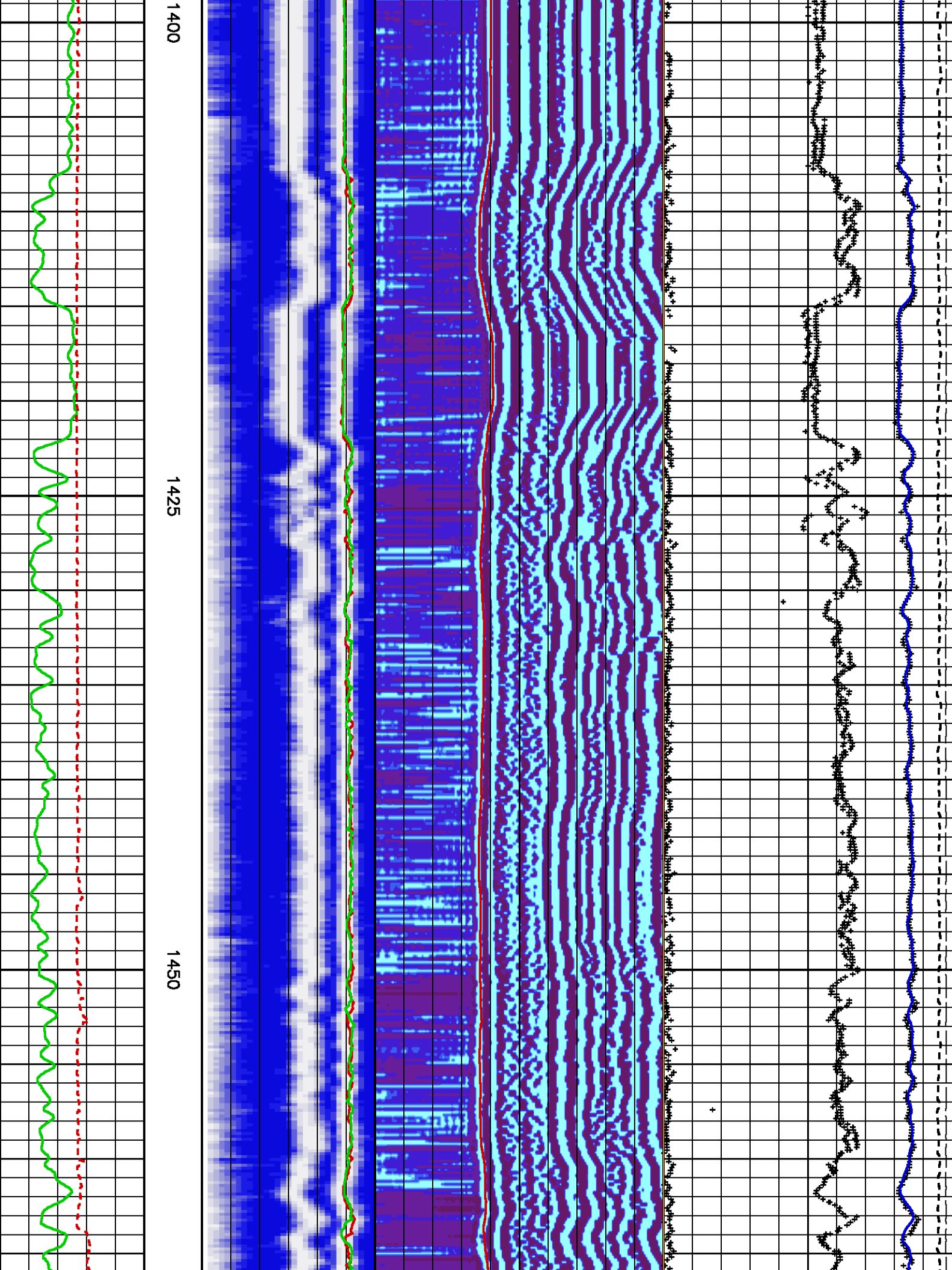


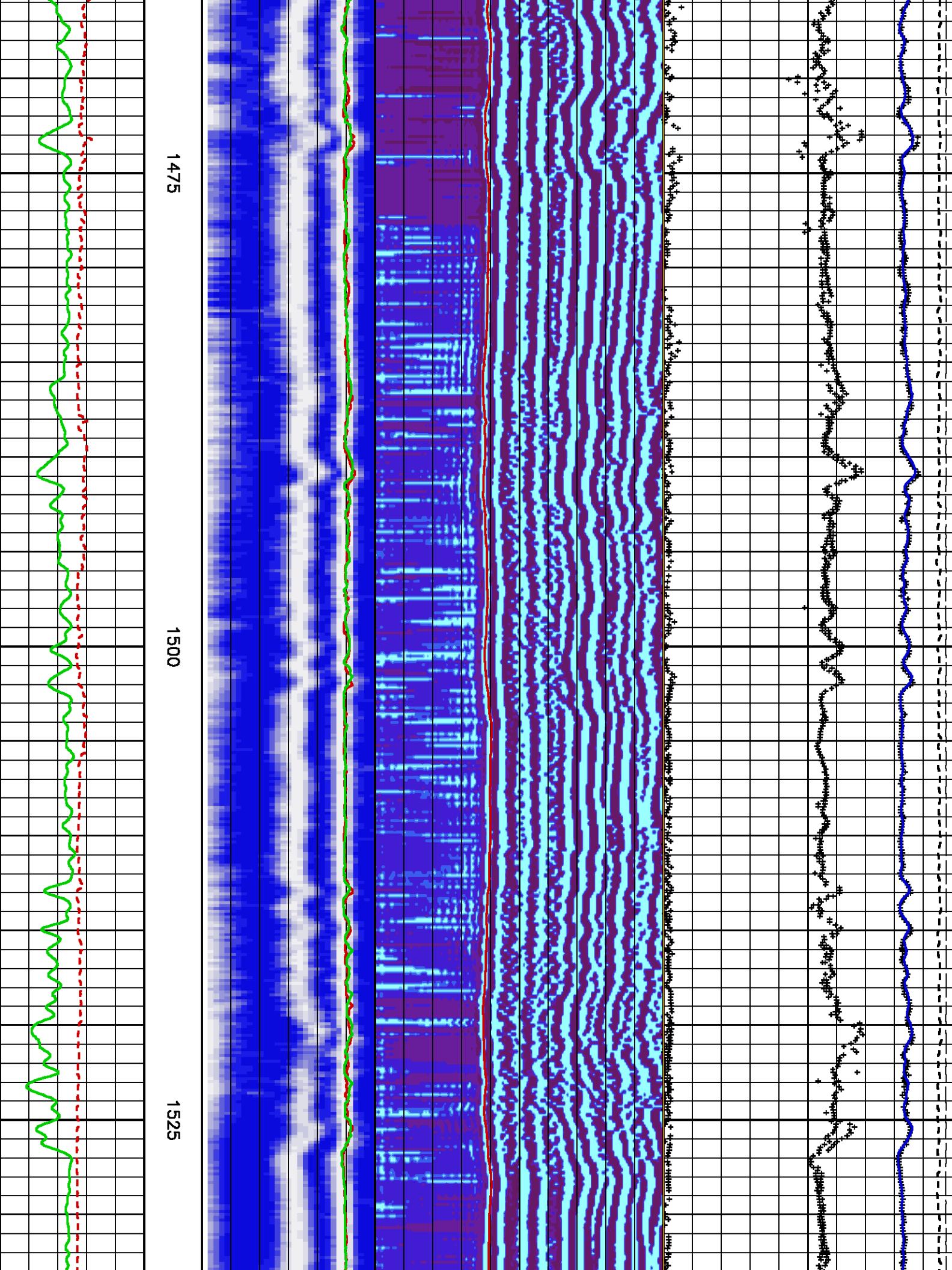


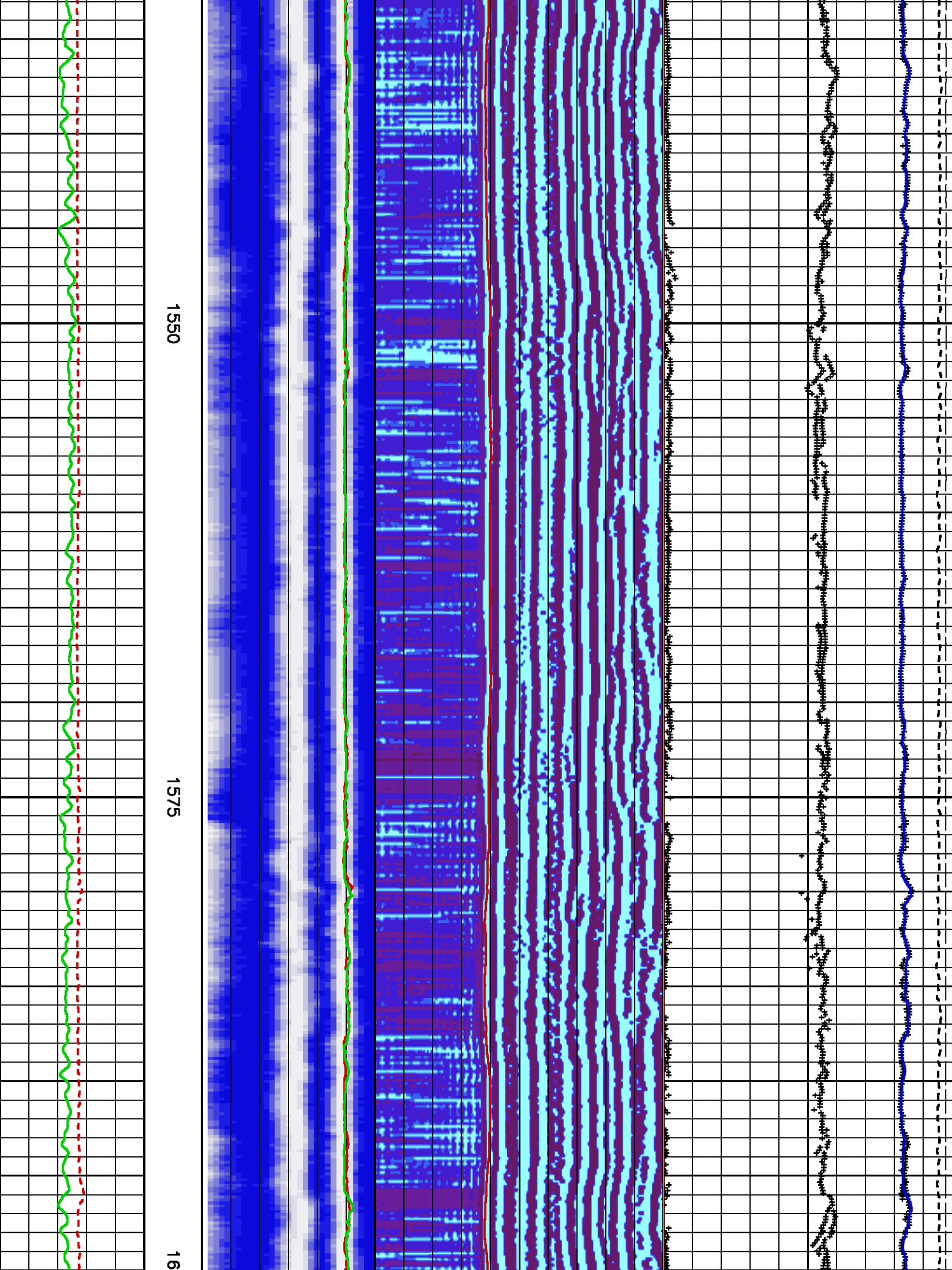


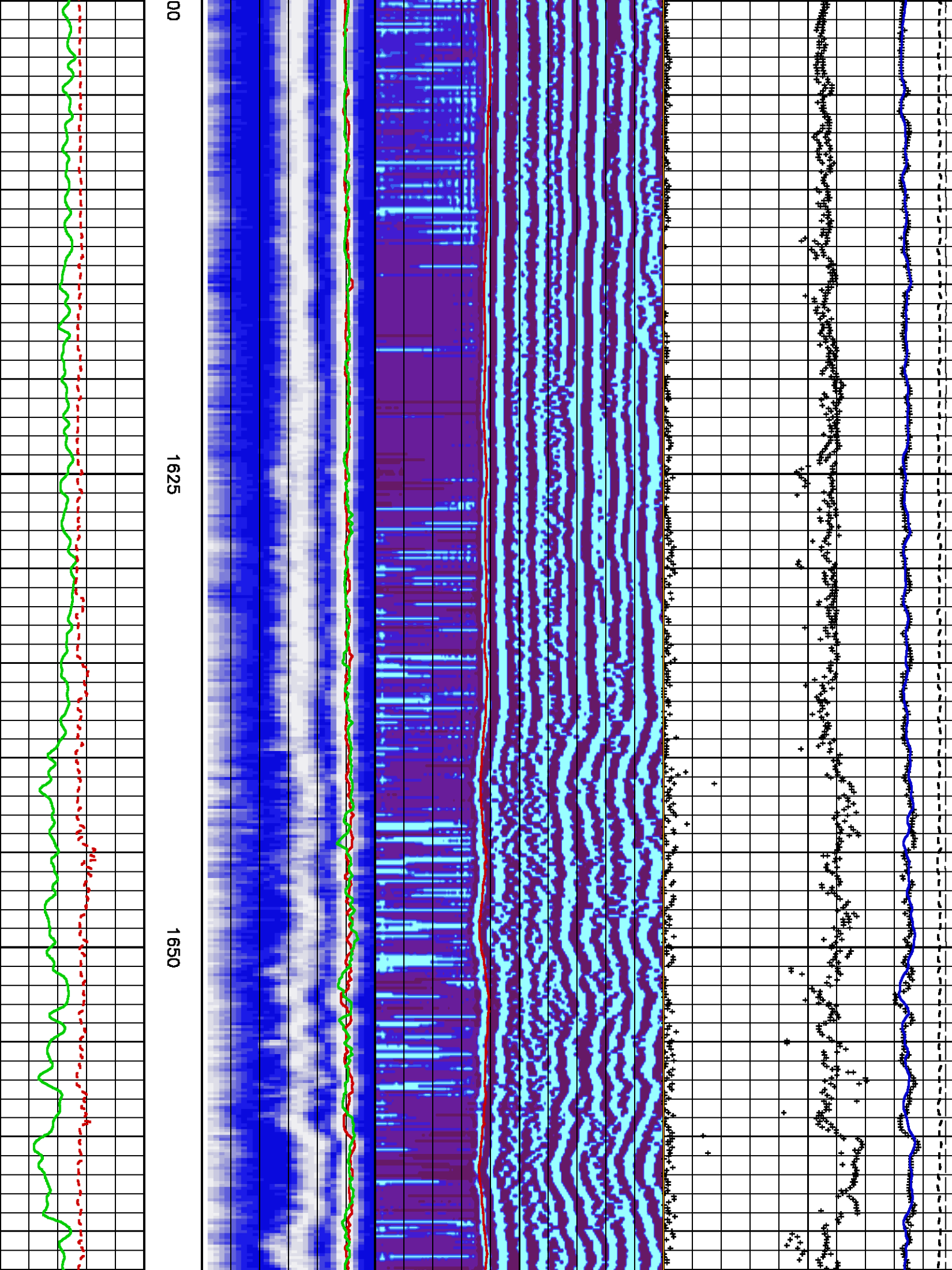


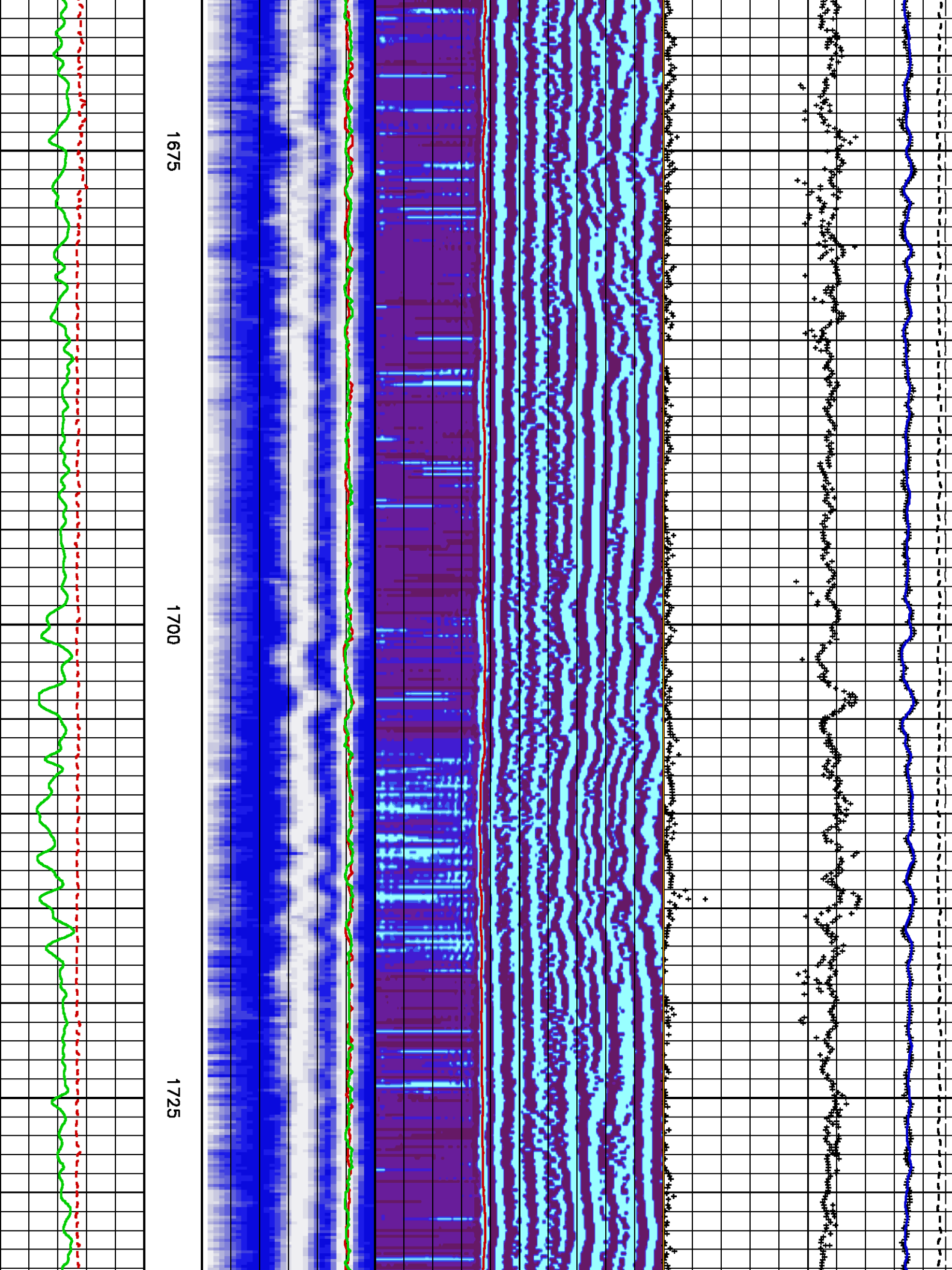


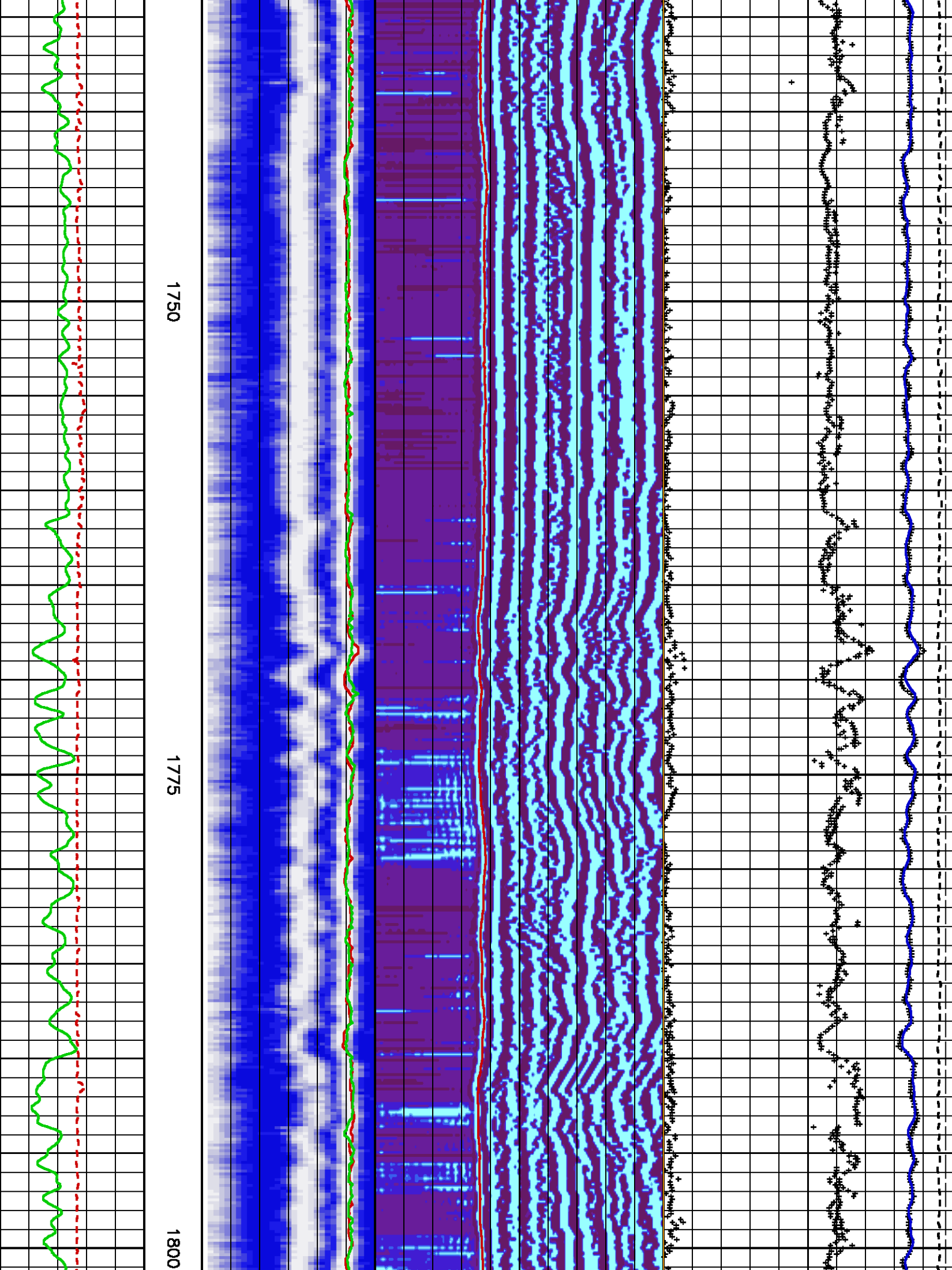


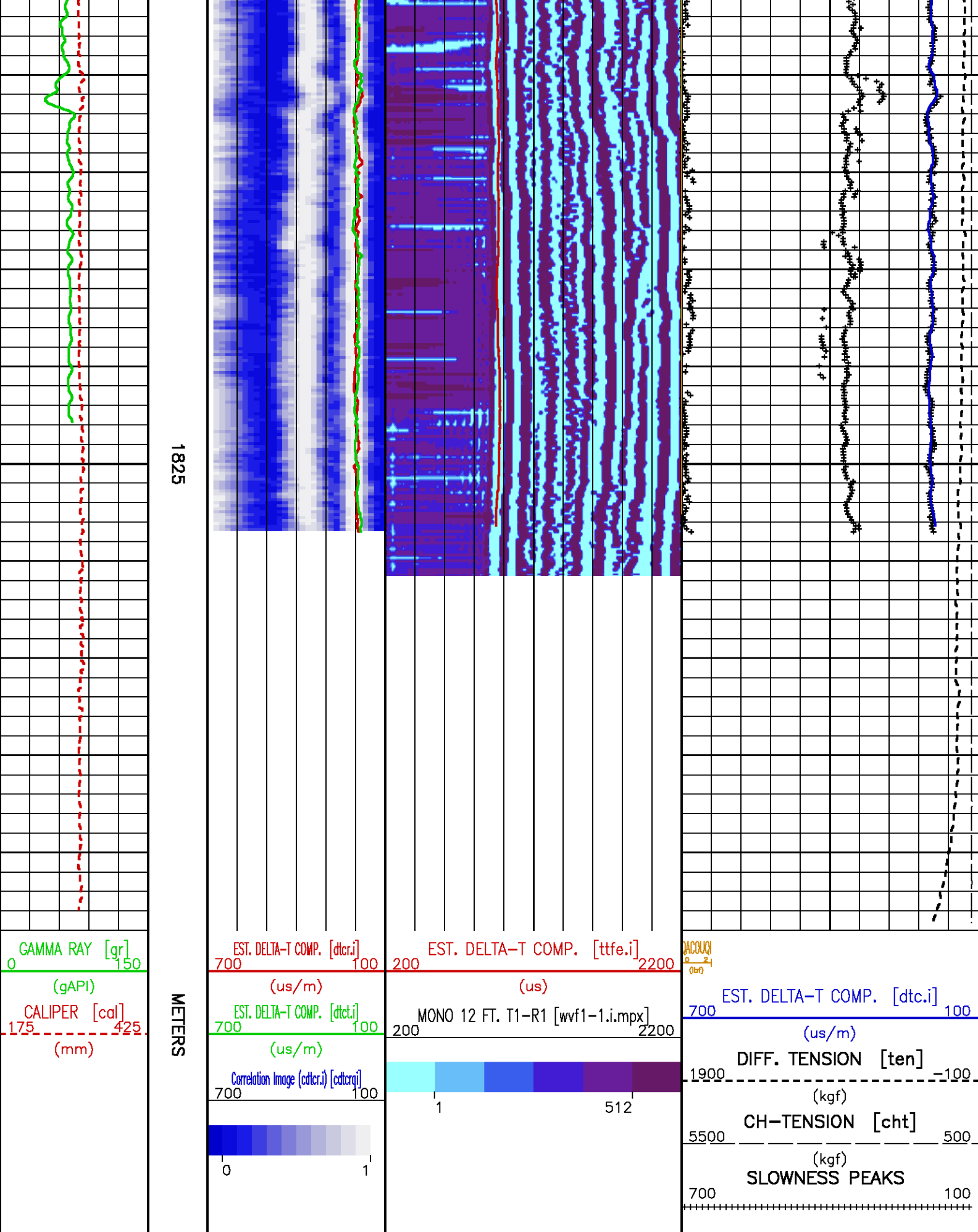












QUALITY CONTROL PRESENTATION 1700m - 2268m

ECLIPS 6.11 Aug 06, 2010
Patches: 1

Wed Nov 3 04:12:47 2010

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.50

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/nalcor_run1/m8741B1601.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1710.914 m BOTTOM DEPTH: 2289.000 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CHT TENSION	FILTER ()	medium (1)		TOP	BOTTOM
	FILTER ()	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
	FILTER (.k)	medium (1)		"	"
GR DT24	FILTER ()	medium (1)		"	"
	FILTER ()	light (2)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CASING - BOREHOLE & CEMENT VOLUME MULTI-ARM (6) CALIPER PROCESSING BIT SIZE BOREHOLE CORR DIAMETER SOURCE BOREHOLE CORR DIAMETER	CASING O.D.	244.500	mm	TOP	BOTTOM
	CALC. METHOD	CHAD (SPLINE FIT)		"	"
	BIT SIZE	311.000	mm	"	"
	CALIPER/FIXED DIA. (acbh*)	USE CALIPER		"	"
	FIXED DIAMETER (acbh*)	311.000	mm	"	"

ACOUSTIC AVAN CORRELATION

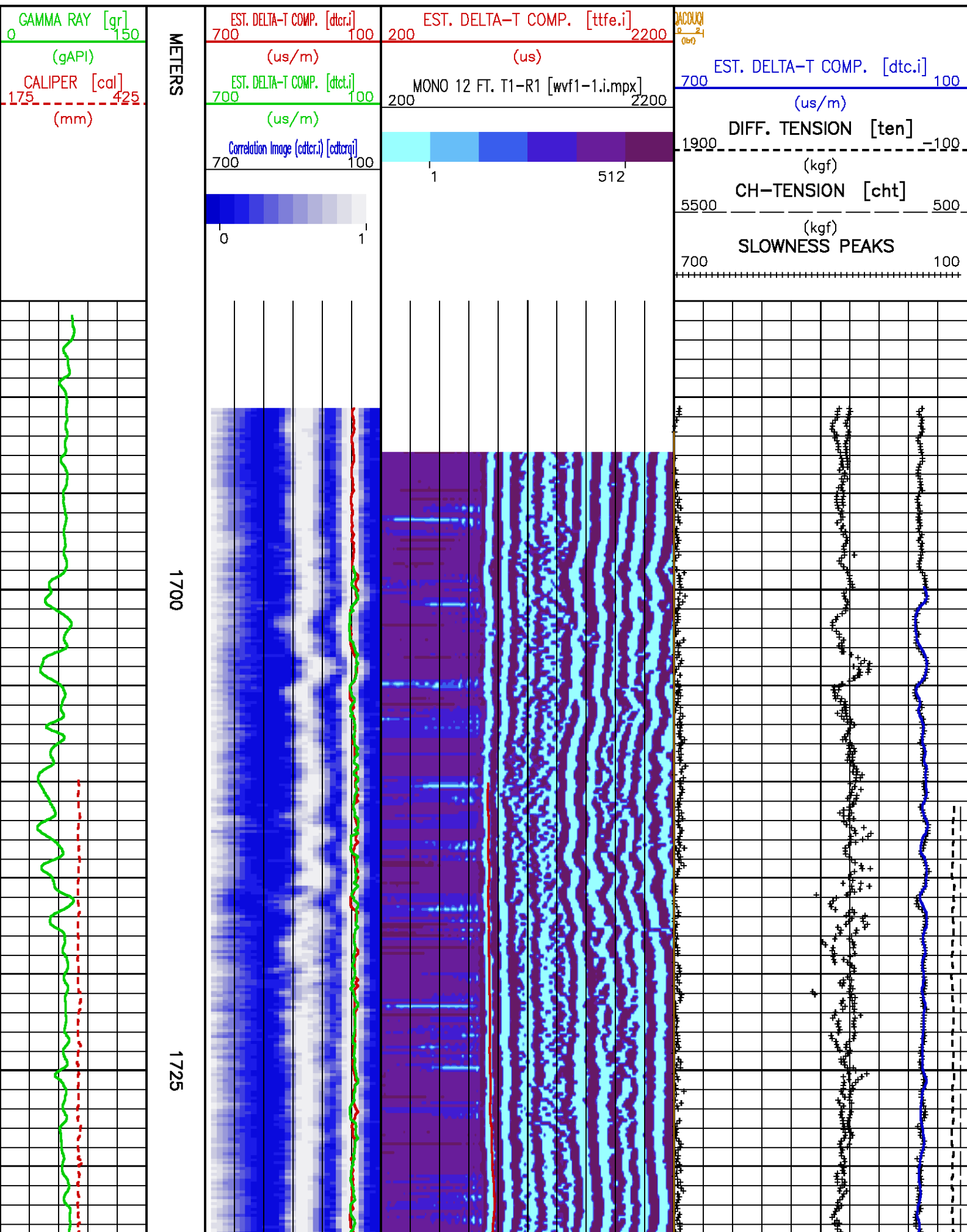
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
MONOPOLE DELTA T	FORMATION TYPE	GENERIC (MEDIUM)		TOP	BOTTOM
	CORRELATION METHOD	NTH ROOT		"	"
	RESET TAPERS			"	"
	TAPER - LEFT END	100	us/m	"	"
	TAPER - RIGHT END	275	us/m	"	"
MONOPOLE COMPRESSIONAL	FLOOR (UNIV. OPTION)	0.050		"	"
	FORMATION TYPE	GENERIC (MEDIUM)		"	"
	CORRELATION METHOD	NTH ROOT		"	"
	RESET TAPERS			"	"
	TAPER - LEFT END	100	us/m	"	"
MONOPOLE SHEAR	TAPER - RIGHT END	275	us/m	"	"
	FLOOR (UNIV. OPTION)	0.050		"	"
	FORMATION TYPE	GENERIC (MEDIUM)		"	"
	GUIDE CURVE	DO NOT USE GUIDE		"	"
	RESET TAPERS			"	"
	TAPER - LEFT END	300	us/m	"	"
	TAPER - RIGHT END	550	us/m	"	"

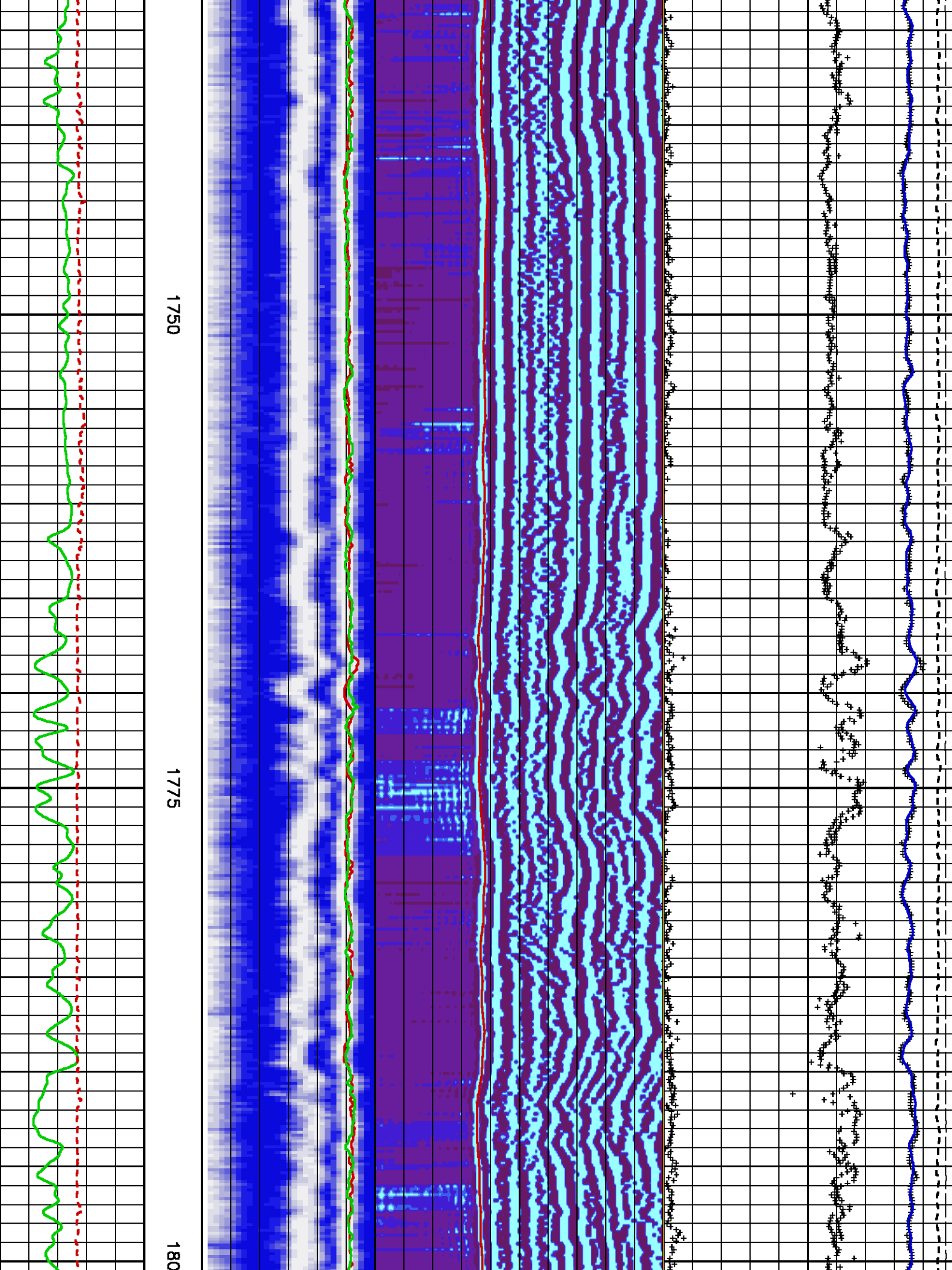
ACOUSTIC POROSITY

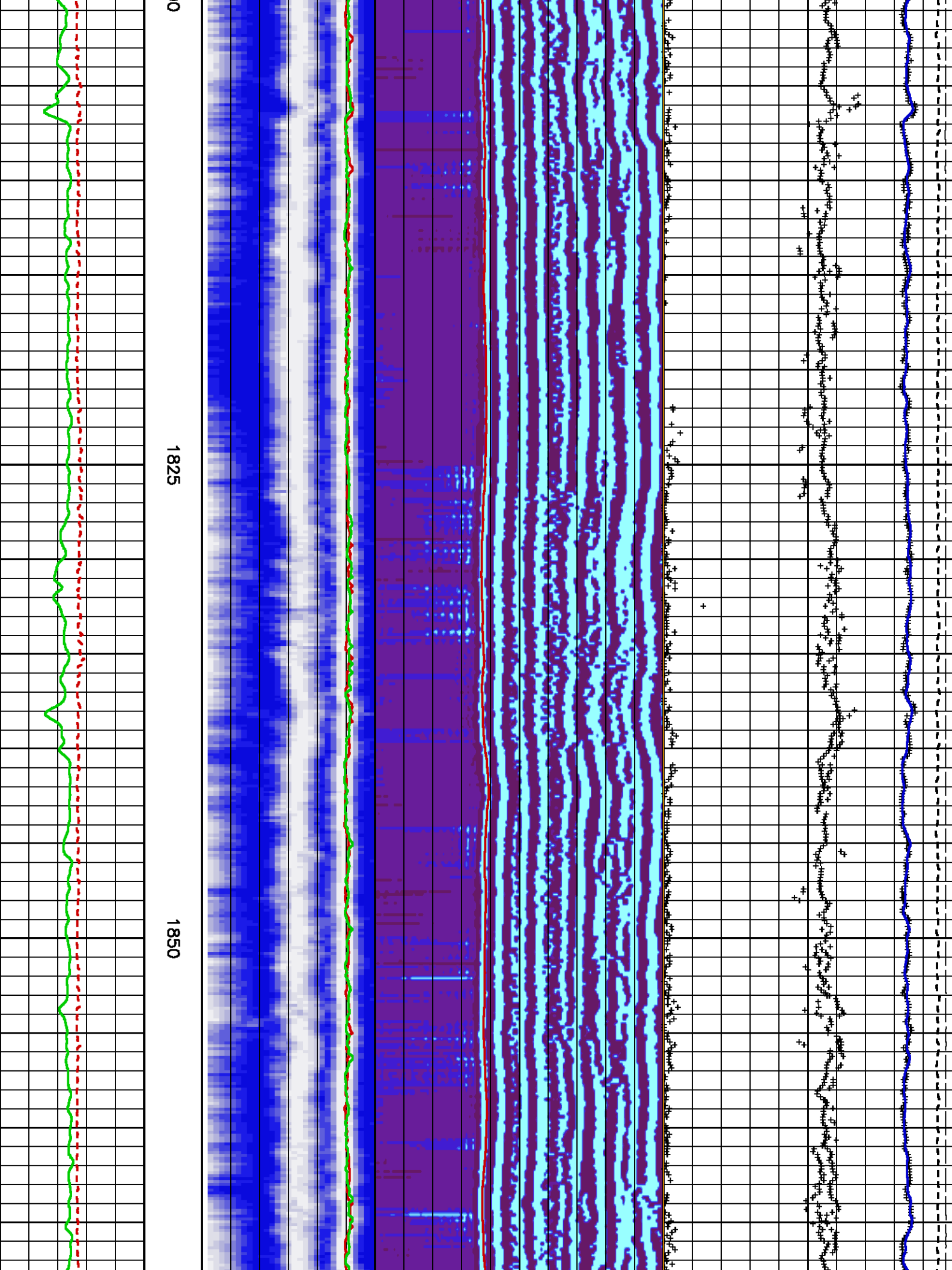
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
ACOUSTIC POROSITY DELTA T CURVE SELECTION	DTfluid	623.36	us/m	TOP	BOTTOM
	DT24 SOURCE	AVAN DT24		"	"

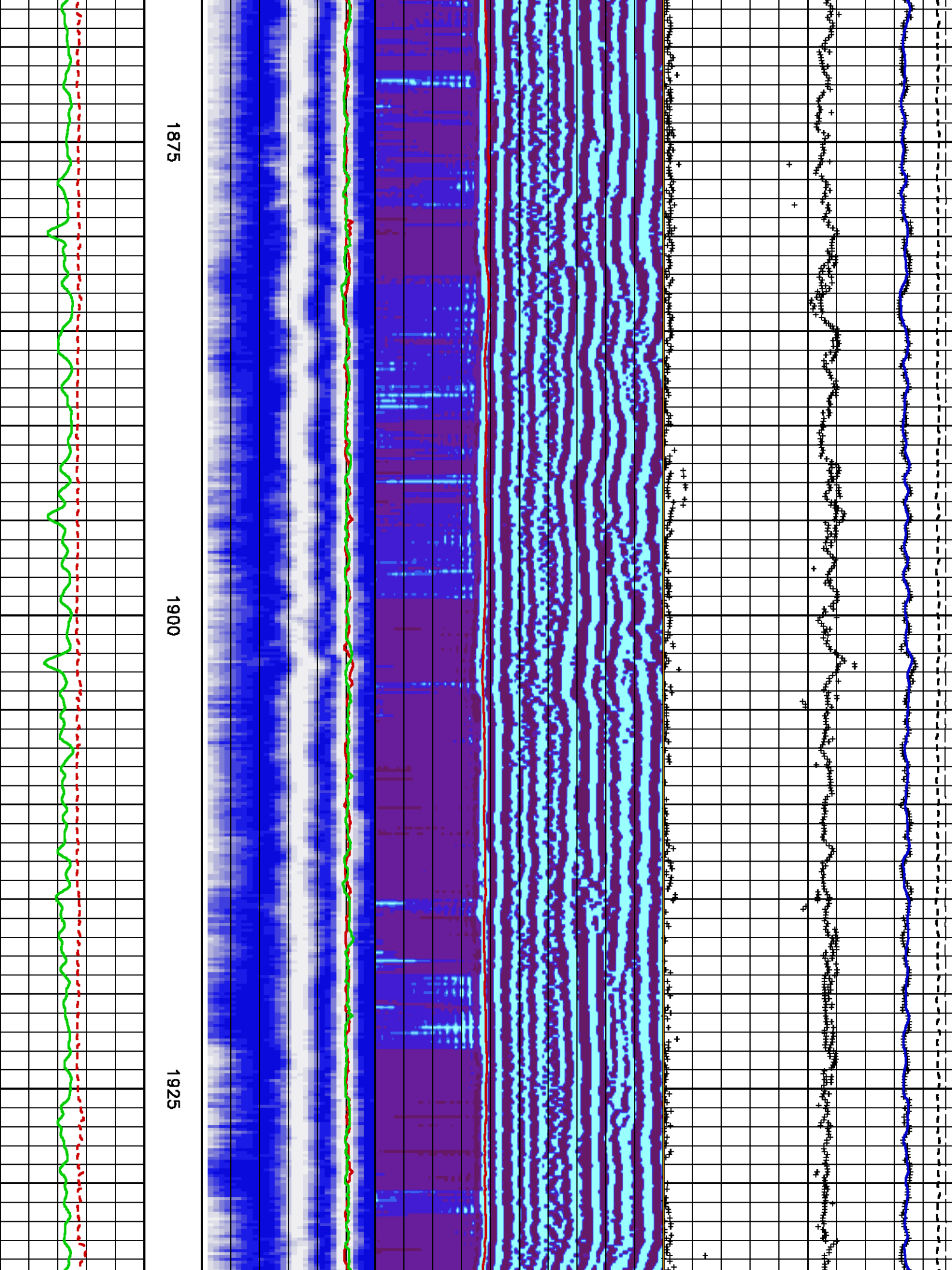
ACOUSTIC PICK CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA-T REJECTION RANGE	REJECTION DTmin	131	us/m	TOP	BOTTOM
	REJECTION DTmax	591	us/m	"	"
FIRST ARRIVAL PICK	SEARCH START OFFSET {sfan1*}	0	us	"	"
	SEARCH START OFFSET {sfan2*}	0	us	"	"
	SEARCH START OFFSET {sfan3*}	0	us	"	"





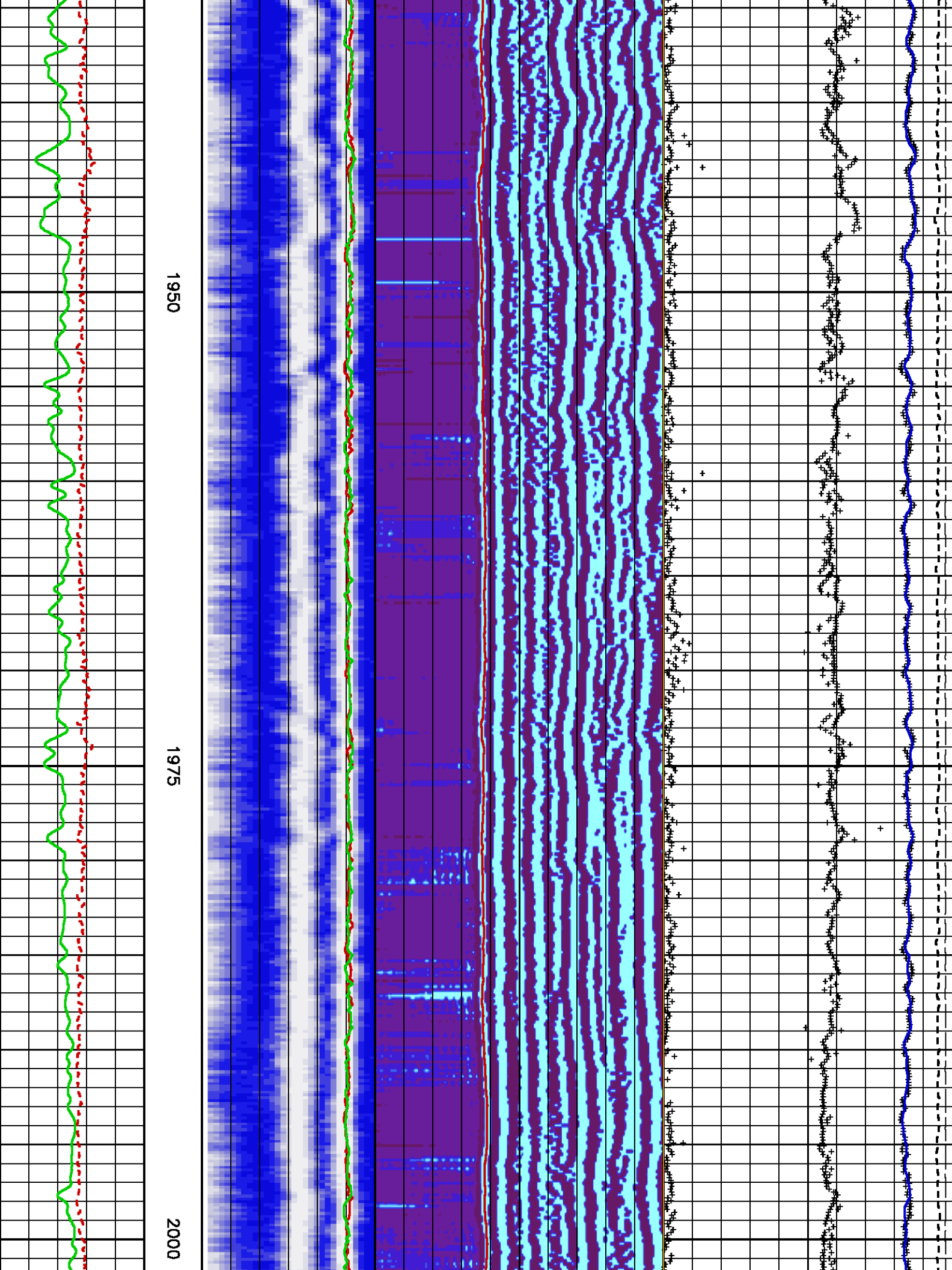


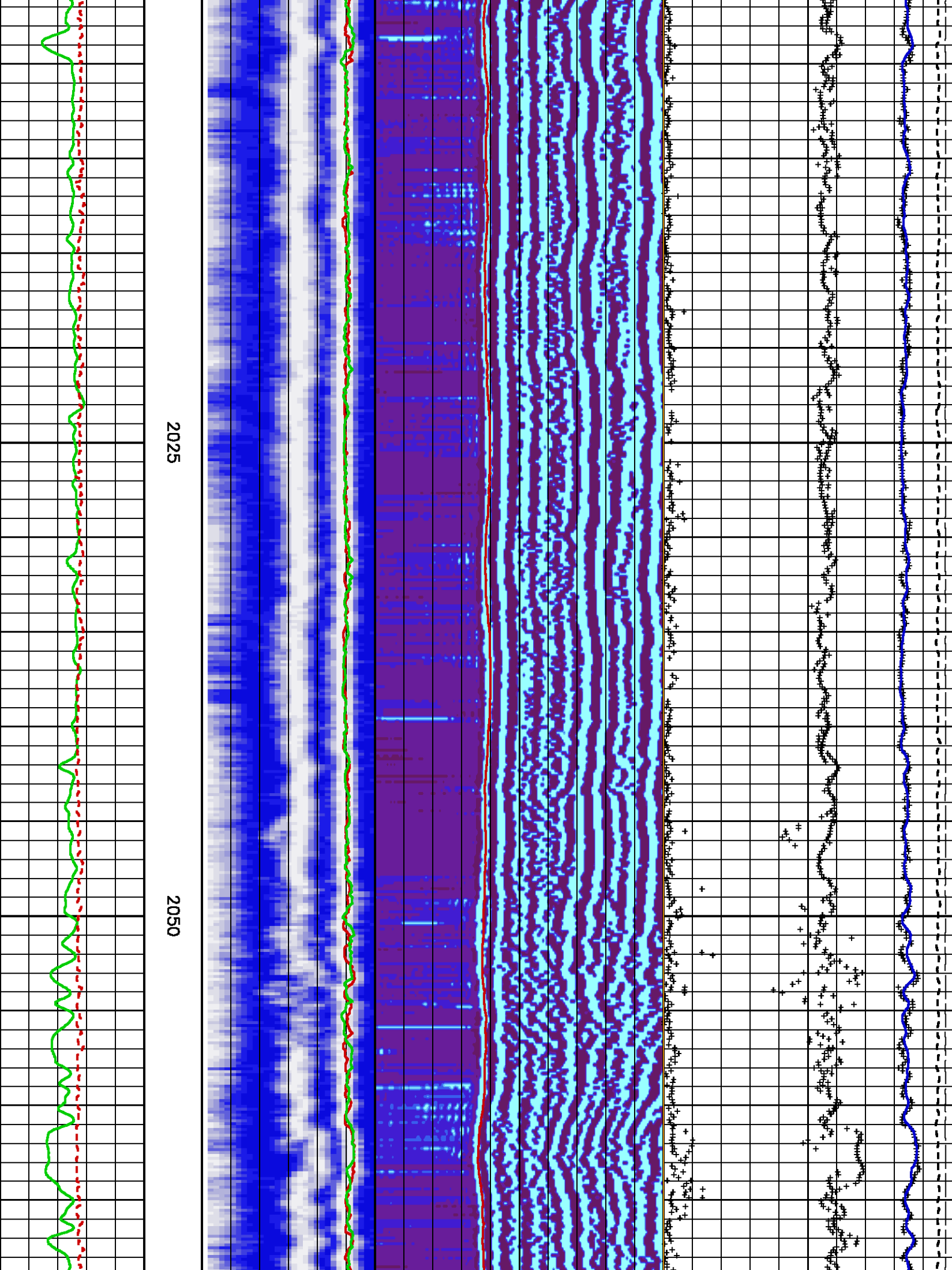


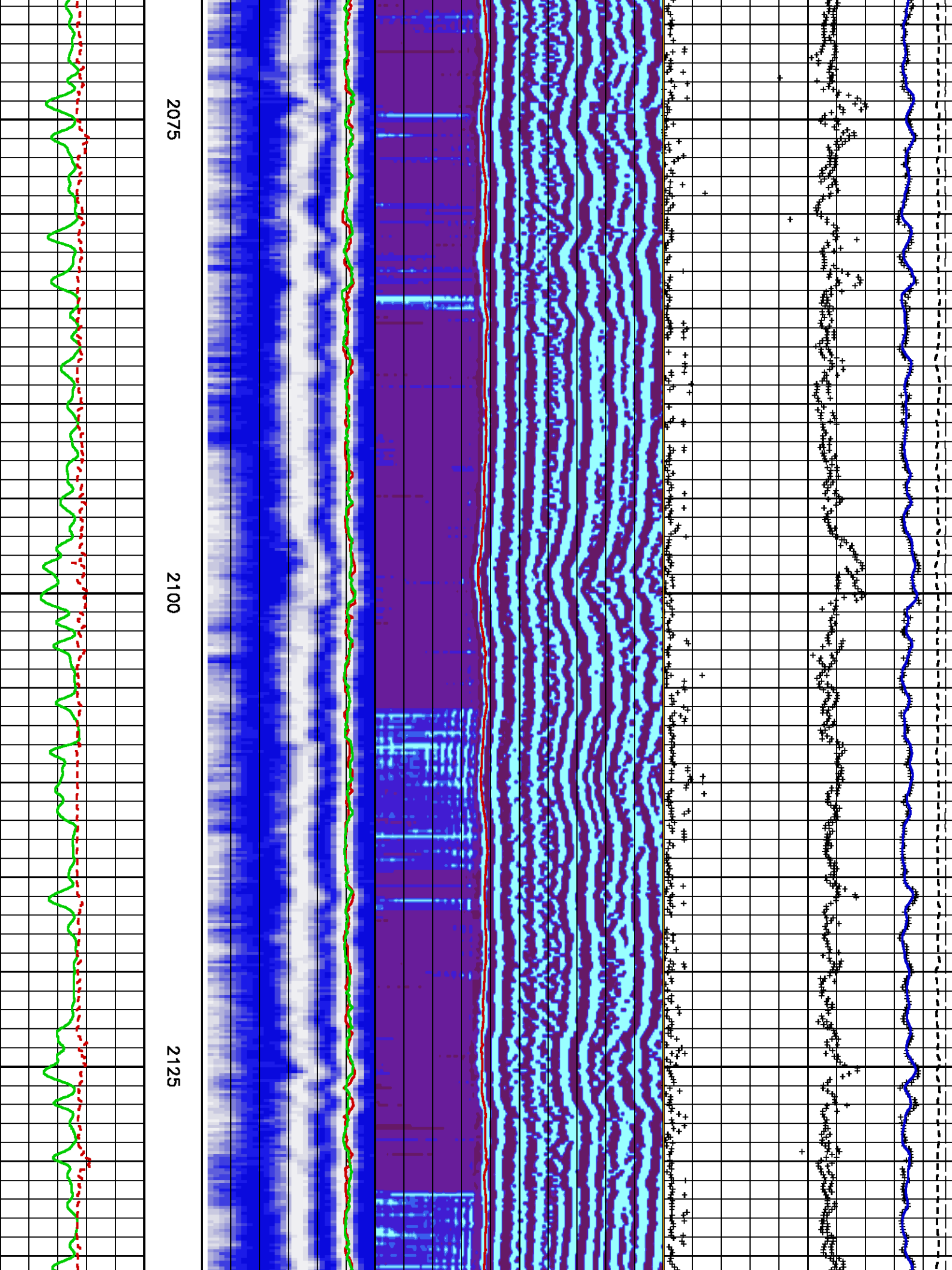
1875

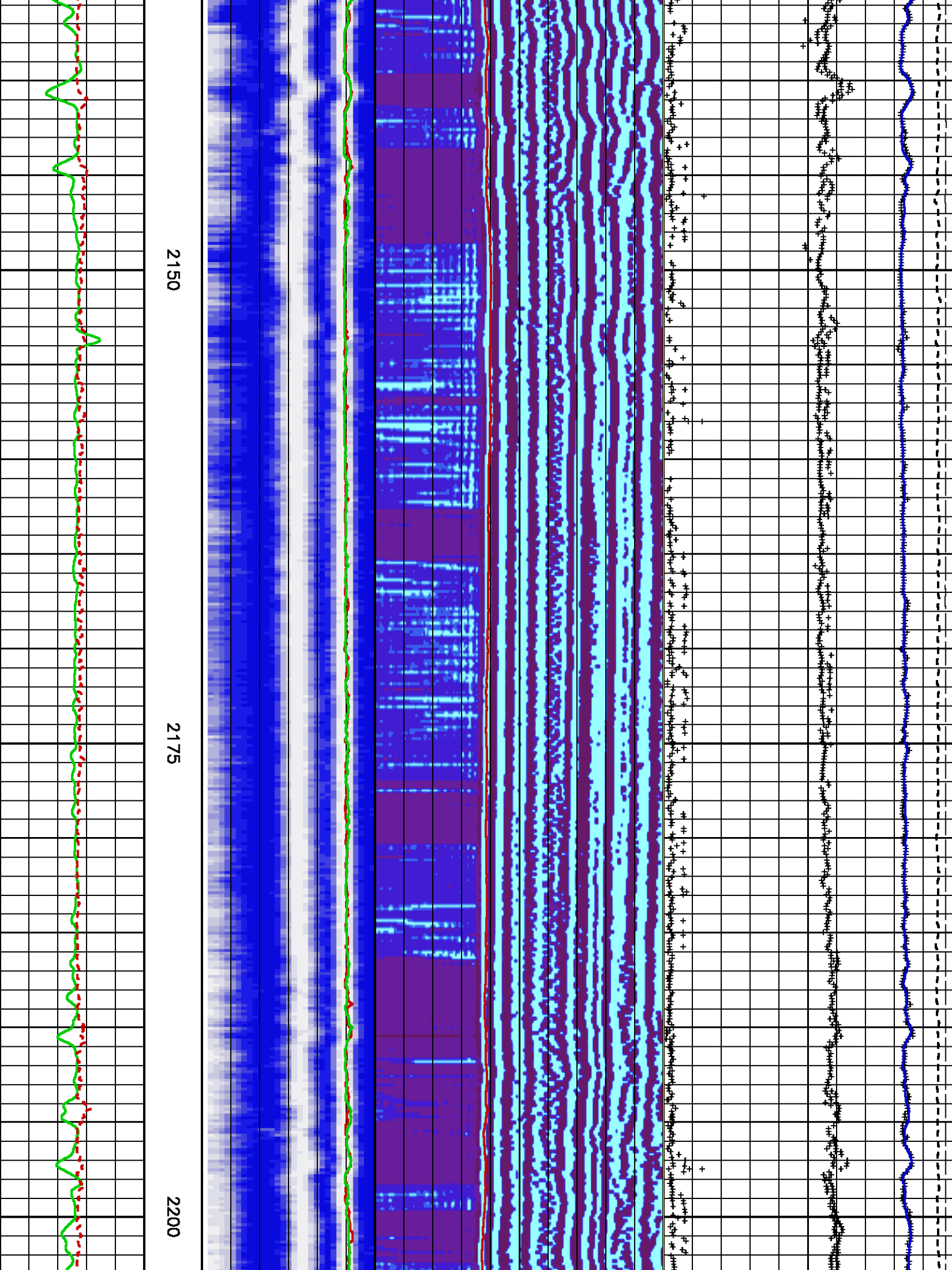
1900

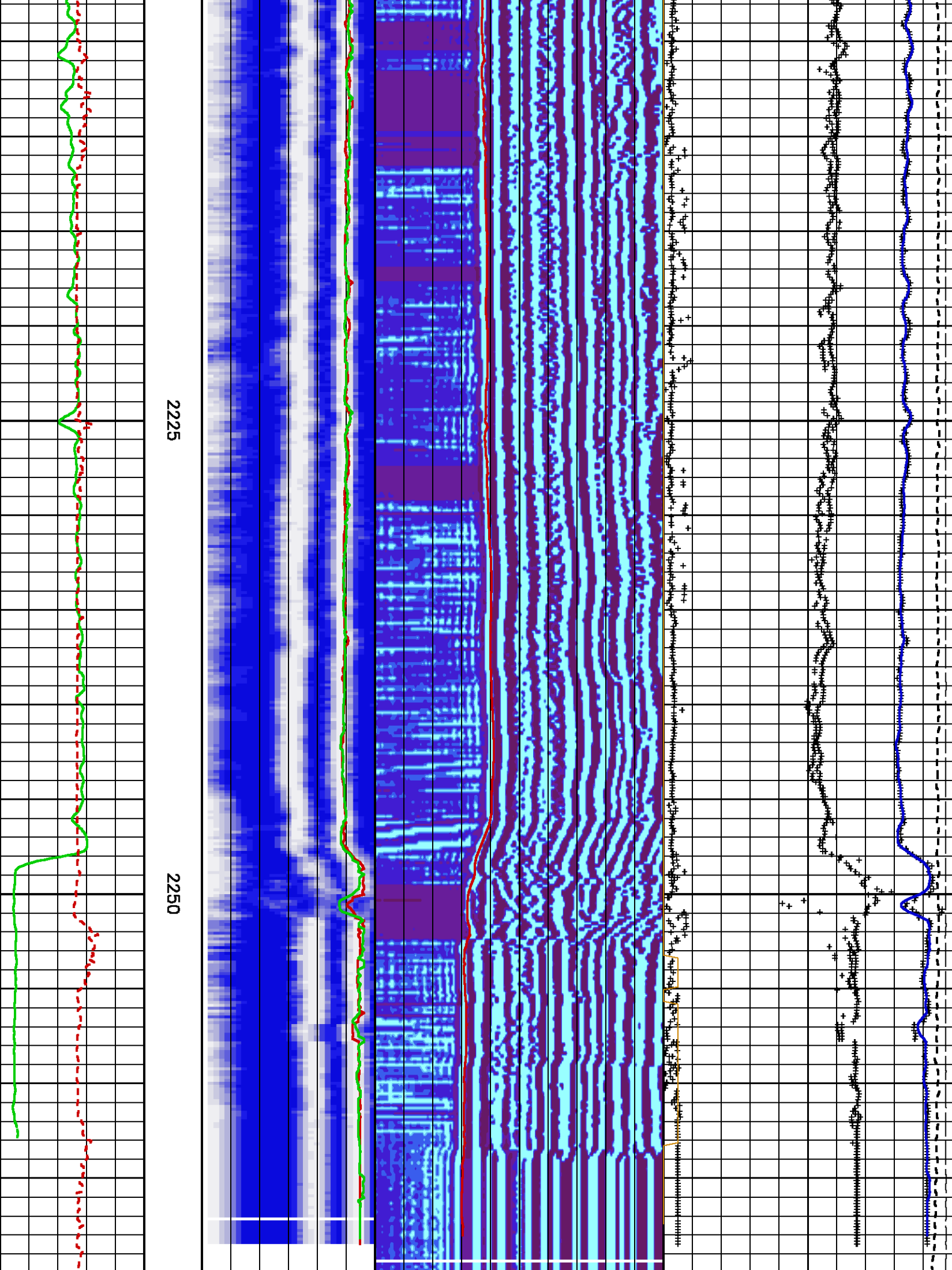
1925

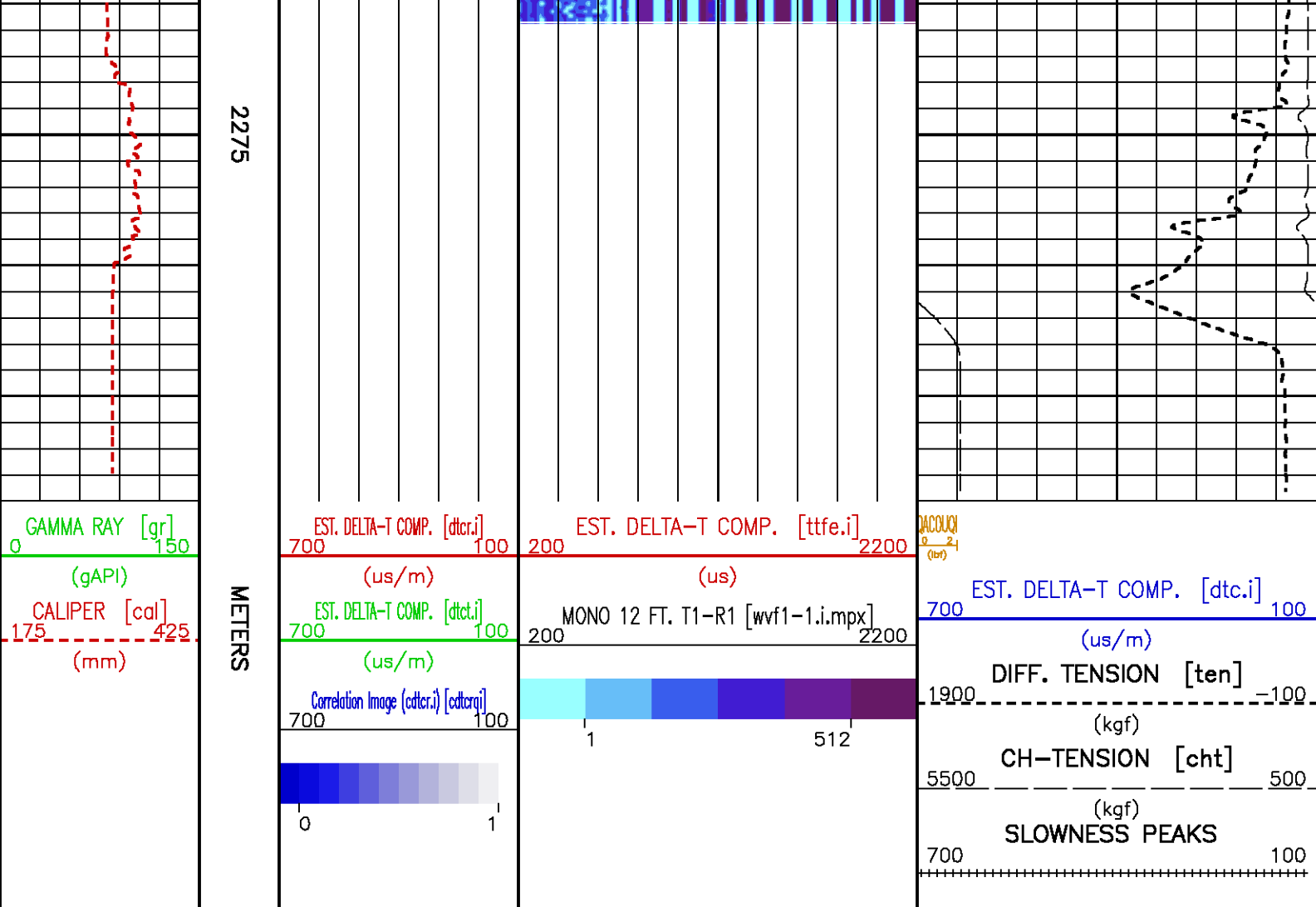












CALIBRATION / VERIFICATION SUMMARY

Source File: /data/pass/nalcor_run1/r1t1_cals.tp1

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1329XA 370830

DATE/TIME PERFORMED: Wed Oct 6 11:15:46 2010

UNIT #: 3885TF 004291

CALB JIG #: 4702NK DA-549

	BACKGROUND CALBTR ON	CR DIFF	MULT	BACKGROUND CALBTR ON	CALBTR
	(cts/s)	(cts/s)		(gAPI)	(gAPI)
GR	323.76	1232.13	0.165	53.46	203.46
		830.0 960.0			150

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1329XA 370830

DATE/TIME PERFORMED: Wed Oct 6 11:15:46 2010

TOOL #: 1329XA 370830

DATE/TIME PERFORMED: Wed Oct 6 11:23:02 2010

UNIT #: 3885TF 004291

VERI JIG #: 4702NK DA-549

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	323.58	1229.64	0.165	53.43	203.05	149.62
						140.00 160.00

GR BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1329XA 370830 DATE/TIME PERFORMED: Tue Nov 2 09:15:17 2010 DAYS SINCE CAL: 26

UNIT #: 3885TF 004291

VERI JIG #: 4702NK DA-549

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	103.00	1024.82	0.165	17.01	169.23	152.22
						139.62 159.62

GR AFTER LOG VERIFICATION SUMMARY

TOOL #: 1329XA 370830 DATE/TIME PERFORMED: Tue Nov 2 19:26:42 2010 DAYS SINCE CAL: 27

UNIT #: 3885TF 004291

VERI JIG #: 4702NK DA-549

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	102.07	996.33	0.165	16.85	164.52	147.67
						142.22 162.22

XMAC_OR PRIMARY CALIBRATION SUMMARY

TOOL #: 1678MB 10039363

DATE/TIME PERFORMED: Wed Oct 6 09:34:07 2010

UNIT #: 3885TF 004291

ORIENTATION #: 4401XB 10119993

	DEV (deg)	QA (mG)	MEAS RB (deg)	RB OFFSET (deg)	ROTATED RB (deg)
ORIT TBM CHECK	89.7	1000.2	359.4		
		990.0 1010.0	357.5 2.5		
XMAC-Elite ORIENT			252.2	252.2	0.0

STARCAL PRIMARY CALIBRATION SUMMARY

TOOL #: 4236MA 10433029

DATE/TIME PERFORMED: Wed Oct 6 08:11:16 2010

UNIT #: 3885TF 004291

	SMALL RING (raw)	LARGE RING (raw)	MULT (mm/raw)	ADD (mm)	SMALL RING (mm)	LARGE RING (mm)
RADIUS 1	1129.1	2459.7	0.0518	43.1298	101.600	170.500
RADIUS 2	1098.6	2435.3	0.0515	44.9699	101.600	170.500
RADIUS 3	1180.7	2502.4	0.0521	40.0558	101.600	170.500
RADIUS 4	1157.2	2478.0	0.0522	41.2329	101.600	170.500
RADIUS 5	1173.8	2473.1	0.0530	39.3544	101.600	170.500
RADIUS 6	1125.5	2469.7	0.0513	43.9122	101.600	170.500
CALIPER 1					203.200	341.000
CALIPER 2					203.200	341.000
CALIPER 3					203.200	341.000

SMALL RING LARGE RING

PAD FORCE % 4.732 5.805

DC MOTOR V 1.6 1.6

STARCAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 4236MA 10433029 DATE/TIME PERFORMED: Tue Nov 2 10:33:05 2010 DAYS SINCE CAL: 27

UNIT #: 3885TF 004291

	I.D. (raw)	MULT	ADD	I.D. (mm pct V)	CASING SIZE (mm)
RADIUS 1	1793.2	0.05178	43.12984	135.987	
RADIUS 2	1777.3	0.05155	44.96989	136.585	
RADIUS 3	2229.0	0.05213	40.05578	156.247	
RADIUS 4	2680.4	0.05217	41.23292	181.058	
RADIUS 5	2679.9	0.05303	39.35439	181.465	
RADIUS 6	2141.1	0.05126	43.91223	153.657	
CALIPER 1				317.045	320.400
CALIPER 2				318.050	

CALIPER 3

309.903

PAD FORCE

5.062

DC MOTOR V

1.9

STARCAL AFTER LOG VERIFICATION SUMMARY

TOOL #: 4236MA 10433029 DATE/TIME PERFORMED: Tue Nov 2 19:06:01 2010 DAYS SINCE CAL: 27

UNIT #: 3885TF 004291

	I.D. (row)	MULT	ADD	I.D. (mm pct V)	CASING SIZE (mm)
RADIUS 1	2311.8	0.05178	43.12984	162.839	
RADIUS 2	2146.0	0.05155	44.96989	155.587	
RADIUS 3	2209.5	0.05213	40.05578	155.229	
RADIUS 4	2248.5	0.05217	41.23292	158.528	
RADIUS 5	2360.8	0.05303	39.35439	164.545	
RADIUS 6	2358.1	0.05126	43.91223	164.781	
CALIPER 1				321.367 304.345 329.745	320.400
CALIPER 2				320.132 305.350 330.750	
CALIPER 3				320.010 297.203 322.603	
PAD FORCE				9.205	
DC MOTOR V				1.3	



Baker Atlas


 COMPANY
WELL
FIELD
PROVINCE

 NALCOR ENERGY INC.
NALCOR ET AL FINNEGAN #1
FINNEGAN
NEWFOUNDLAND AND LABRADOR

FILE NO:

API NO:

LOCATION:

ELEVATIONS:

KB 125.00 M

DF

GL 118.75 M

 LICENSE:
2010-128-04

LAT 49.92 N LONG 63.33 W

DATE 02-NOV-2010