



**SECTOR CEMENT BOND
GAMMA RAY
CCL LOG**

Comp. VERDAD RESOURCES LLC.
Well SPEED GOAT FED 3435-15H
Field WELD COUNTY
Co. WELD
State COLORADO

Company **VERDAD RESOURCES LLC.**
Well **SPEED GOAT FED 3435-15H**
Field **WELD COUNTY**
County **WELD** State **COLORADO**

Location: API # : 05-123-52502
455' FNL & 961' FEL
SEC 34 TWP 9N RGE 58W
Permanent Datum GL Elevation 4723'
Log Measured From GL 0' Above Perm. Datum
Drilling Measured From KB
Other Services
NONE
Elevation
K.B. 4744'
D.F. N/A
G.L. 4723'

Date of Service	15-AUG-2024
Run Number	ONE
Depth Driller or PBTD	14,906'
Depth Logger	7160'
Bottom Log Interval	7150'
Top Log Interval	SURFACE
Open Hole Size	8-1/2"
Type Fluid	H2O
Fluid Level	SURFACE
Fluid Density	N/A
Max. Recorded Temperature	212° F.
Max. Wellhead Pressure	ZERO PSI
Wellhead Connection	OPEN
Estimated Cement Top	1328'
Unit Number	L-05
Wireline Size	9/32"
Location	BRIGHTON, CO
Recorded By	J. KOTT
Witnessed By	JASON HANSEN
Surface Casing	Size 9-5/8" W/Ft 36# Top SURFACE Bottom 1560'
Production Casing	Size 5-1/2" W/Ft 20# Top SURFACE Bottom 14,891'
Liner Casing	
Tubing Record	

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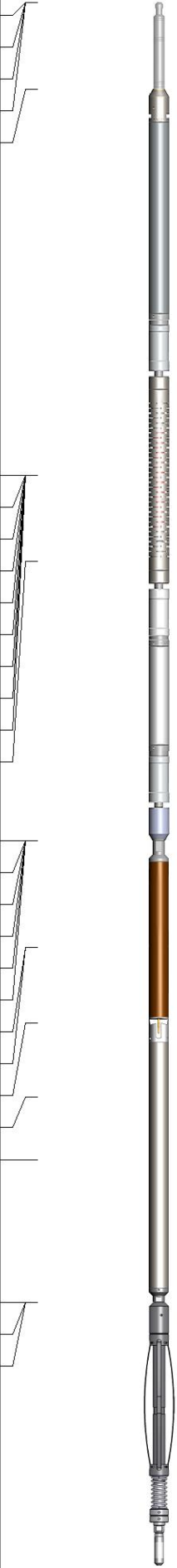
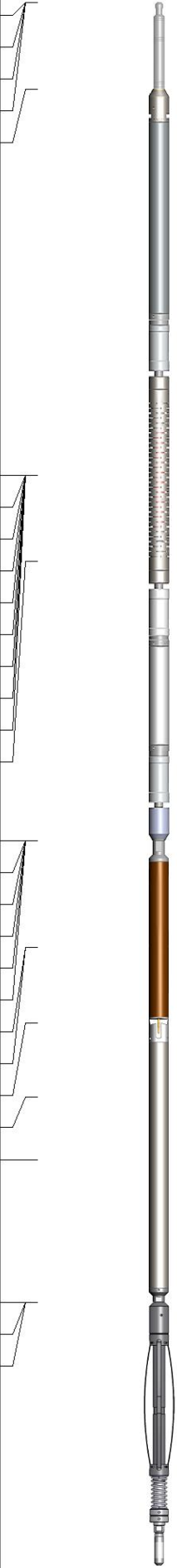
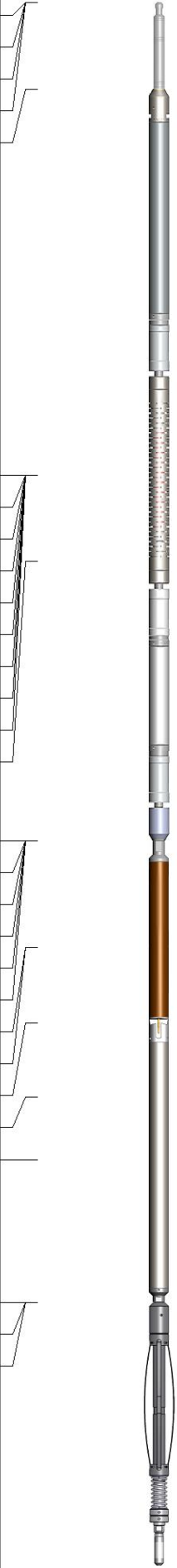
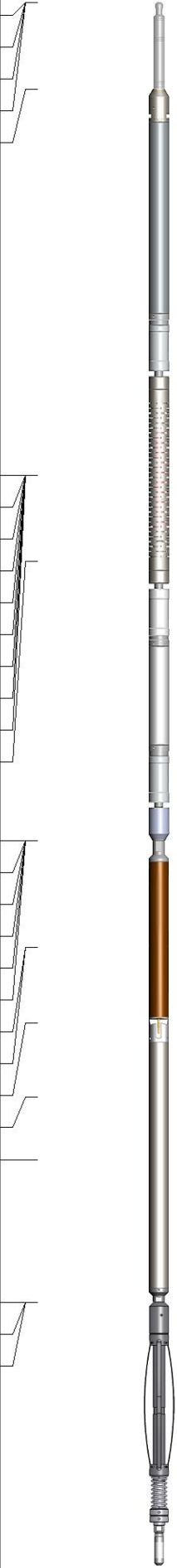
All interpretations are opinions based on inferences from electrical or other measurements and Ranger Energy Services cannot and does not guarantee the accuracy or correctness of any interpretation, and Ranger Energy Services will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
LOG CORRELATED TO GL

THANK YOU FOR USING RANGER ENERGY SERVICES! FIELD TICKET #05-698946

Your Ranger Energy Services Crew	Tool Data - Services	Serial Number
Engineer: J. KOTT	PROBE 2.75" RBT	FW2208-107
Operator: C. PROPST	PROBE GR/CCL	FW2204-017
Operator: C. MARCH		
Operator:		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)			
GCT_FMWR	18.21		Cable_Head-1_7/16 Titan 1 7/16" Cable Head	1.02	1.44	3.31			
mSec_Count	18.21								
RBT_Status	18.21								
Error_Ct	18.21								
RBT_HV	17.20								
WVFS8	12.70						RBT8-RADII-275C (RBT275C_Base) Probe 2.75" RADII 8 Sector Bond Tool	8.75	2.75
WVFS7	12.70								
WVFS6	12.70								
WVFS5	12.70								
WVFS4	12.70								
WVFS3	12.70								
WVFS2	12.70								
WVFS1	12.70								
WVF3FT	12.70								
WVF5FT	11.70								
RBT_ACCZ	8.45		GCacc-GCT275-0BP0 (GCT275-0BP0_base) Probe 2.75" Gamma Ray - CCL (6 magnet) w/Temp	5.38	2.75	59.00			
RBT_ACCY	8.45								
RBT_ACCX	8.45								
GCT_HV	8.45								
WVFSYNC	8.45								
WVFCAL	8.45								
CCL\$2	7.20								
CCL\$1	7.20								
GCT_Temp	6.32								
GR	5.45								
GCT_IntTemp	4.73		Centralizers-8071-275-200 Tekco 2 3/4" Adjustable Centralizer	2.73	2.75	25.00			
GCT_ACCZ	3.06								
GCT_ACCY	3.06								
GCT_ACCX	3.06		Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00			

Dataset: I05-698946_verdad_speed goat fed 3435-15h_0512352502_20240815_scbl-gr-ccl.db: field/well/run1/pass4
 Total length: 18.21 ft
 Total weight: 88.31 lb
 O.D.: 2.75 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\05-698946_verdad_speed goat fed 3435-15h_0512352502
 Dataset field/well/run1/pass4/_vars_

Top - Bottom

BOREID in 8.5	BOTTEMP degF 212	CASEOD in 5.5	CASETHCK in 0.361	CASEWGHT lb/ft 20	MAXAMPL mV 71.9	MINAMPL mV 2.2	MINATTN db/ft 0.8
PERFS No	PPT usec 261	SRFTEMP degF 85	TDEPTH ft 7150				

Variable Description

BOREID : Borehole I.D.
 BOTTEMP : Bottom Hole Temperature
 CASEOD : Casing O.D.
 CASETHCK : Casing Thickness

CASEWGHT : Casing Weight
 MAXAMPL : Maximum Amplitude
 MINAMPL : Minimum Amplitude
 MINATTN : Minimum Attenuation

PERFS : Perforation Flag
 PPT : Predicted Pipe Time
 SRFTEMP : Surface Temperature
 TDEPTH : Total Depth

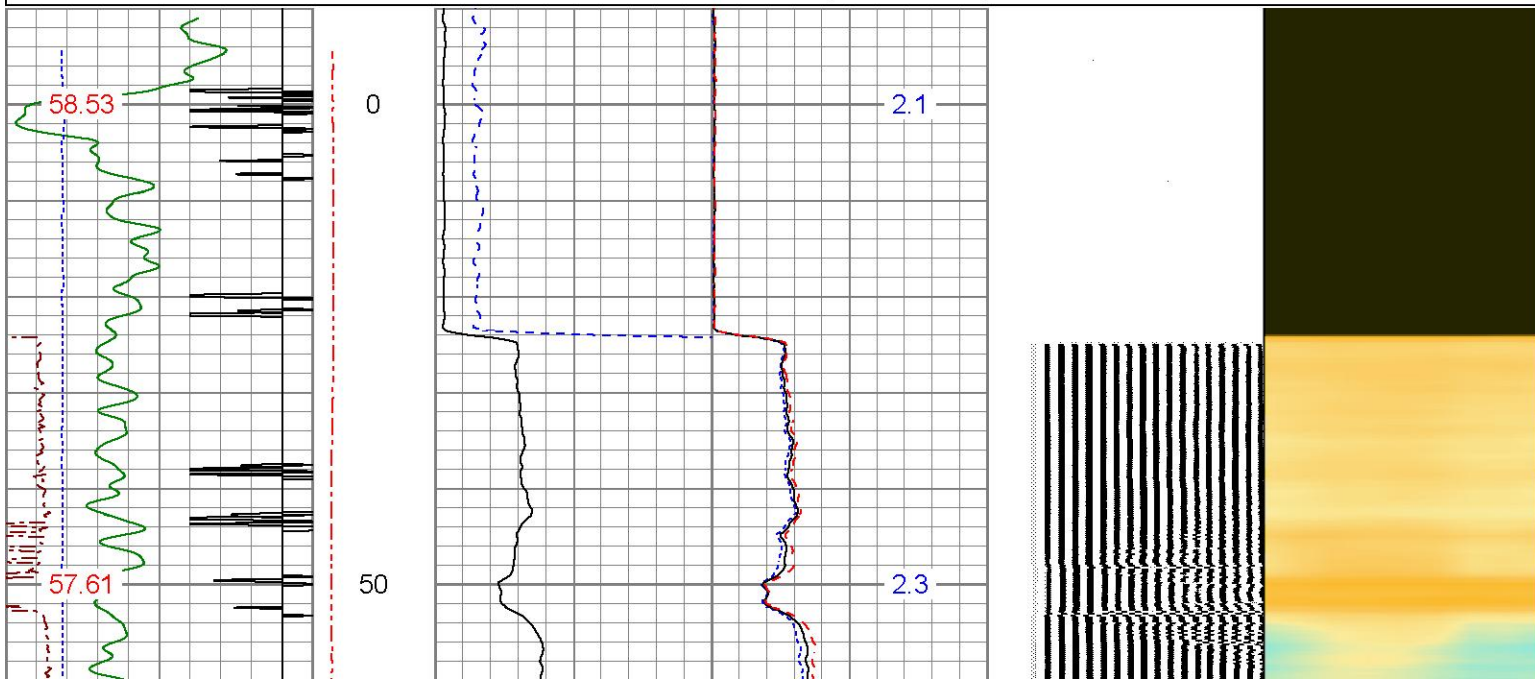


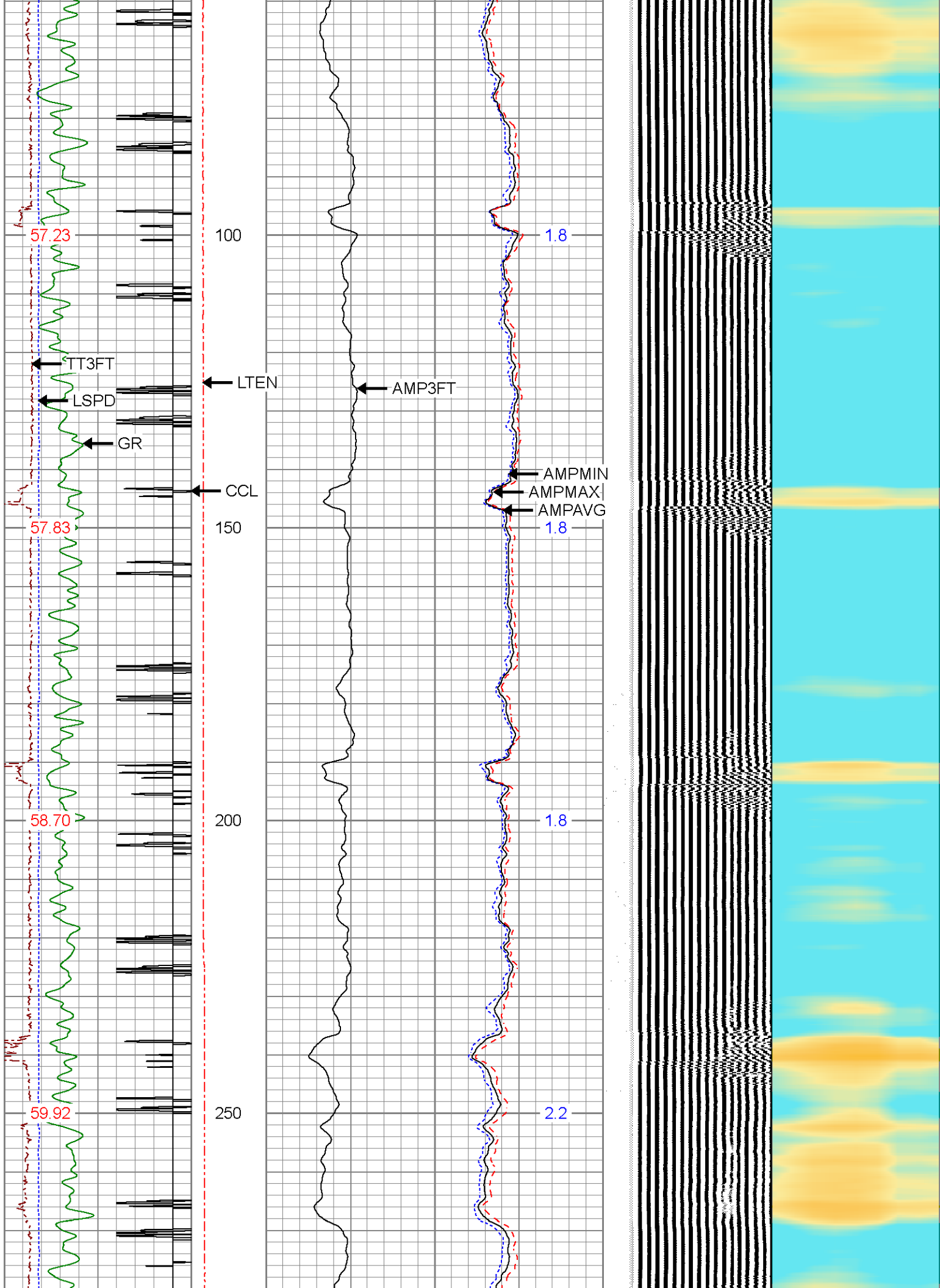
MAIN PASS

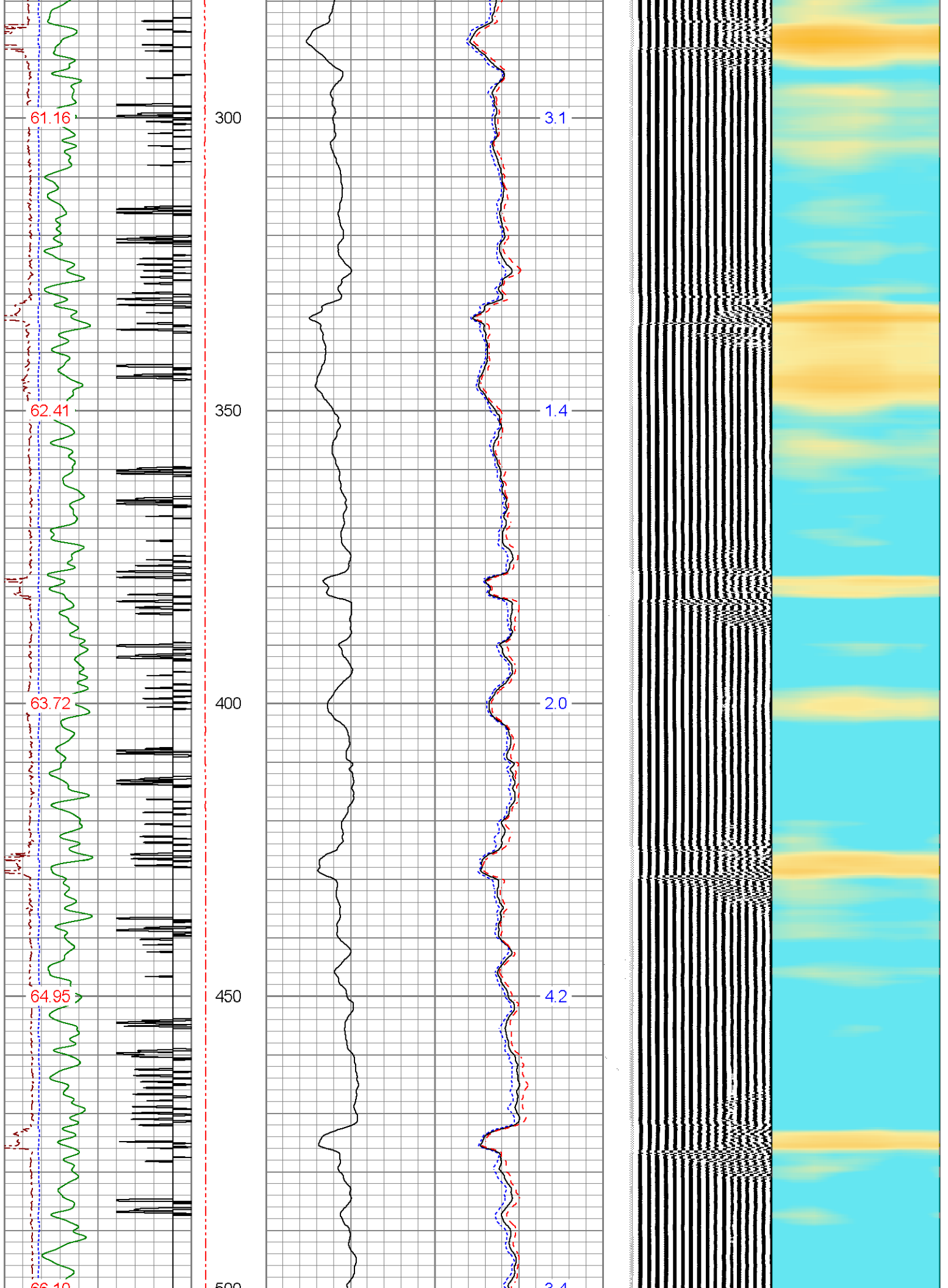
ZERO PSI APPLIED AT SURFACE

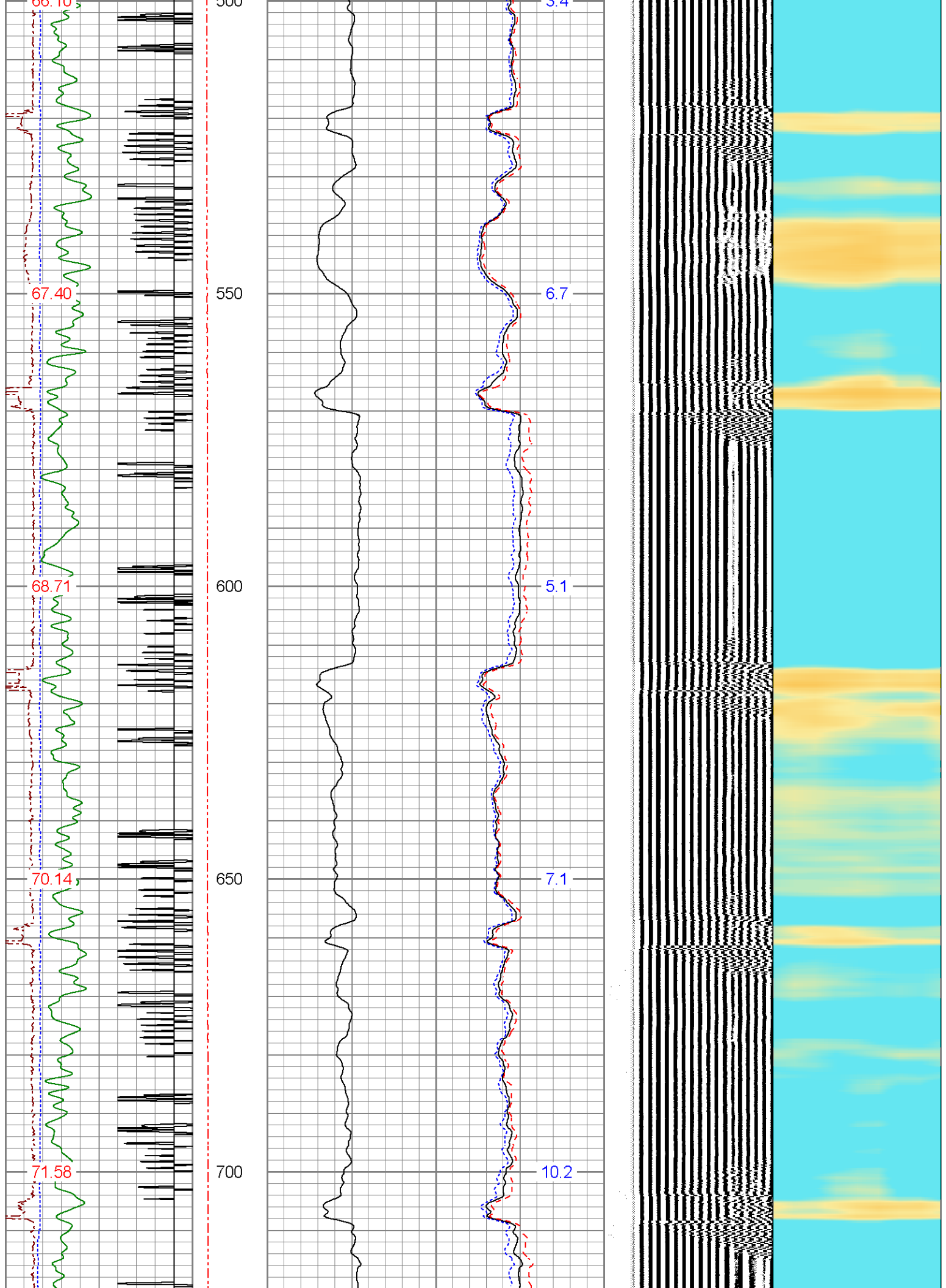
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 Dataset Pathname pass4
 Presentation Format res_scbl 8sec-gr-ccl
 Dataset Creation Thu Aug 15 07:38:17 2024
 Charted by Depth in Feet scaled 1:240

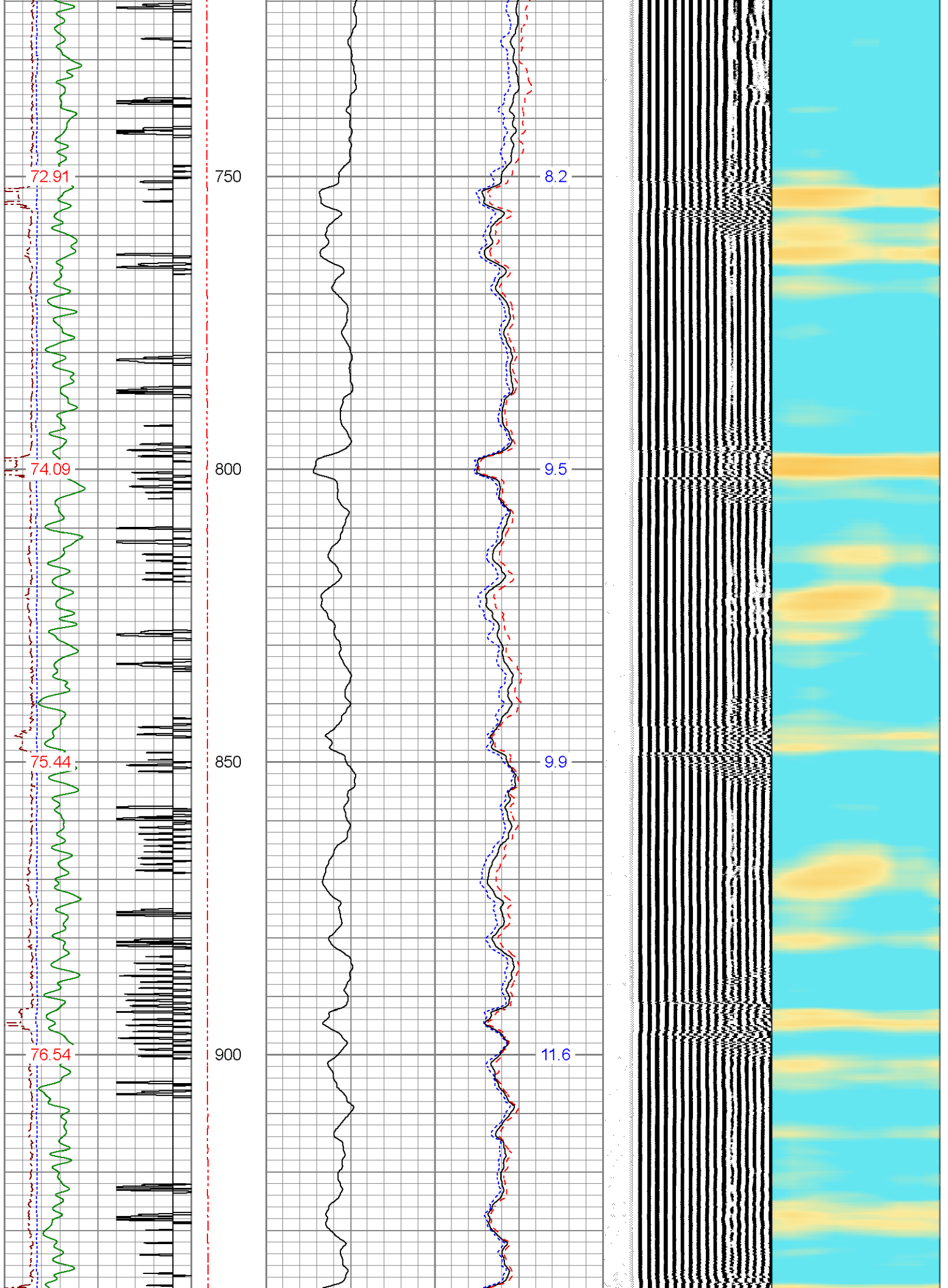
270 3FT TT (usec) 170	LTEN	3' Amplitude	0 Sector Min Amp150	200 VDL (usec) 1200	1 Sector Map 8
0 GR (GAPI) 150	(lb)	(mV) 100	Sector Avg Amp		
-150 LSPD (ft/min) 150	0 2000	3' Amplified	0 150		
-9 CCL\$1 1		Amplitude X 5	Sector Max Amp		
GCT_Temp		(mV) 20	0 150		
(degF)			DEVIATION		
			(deg)		

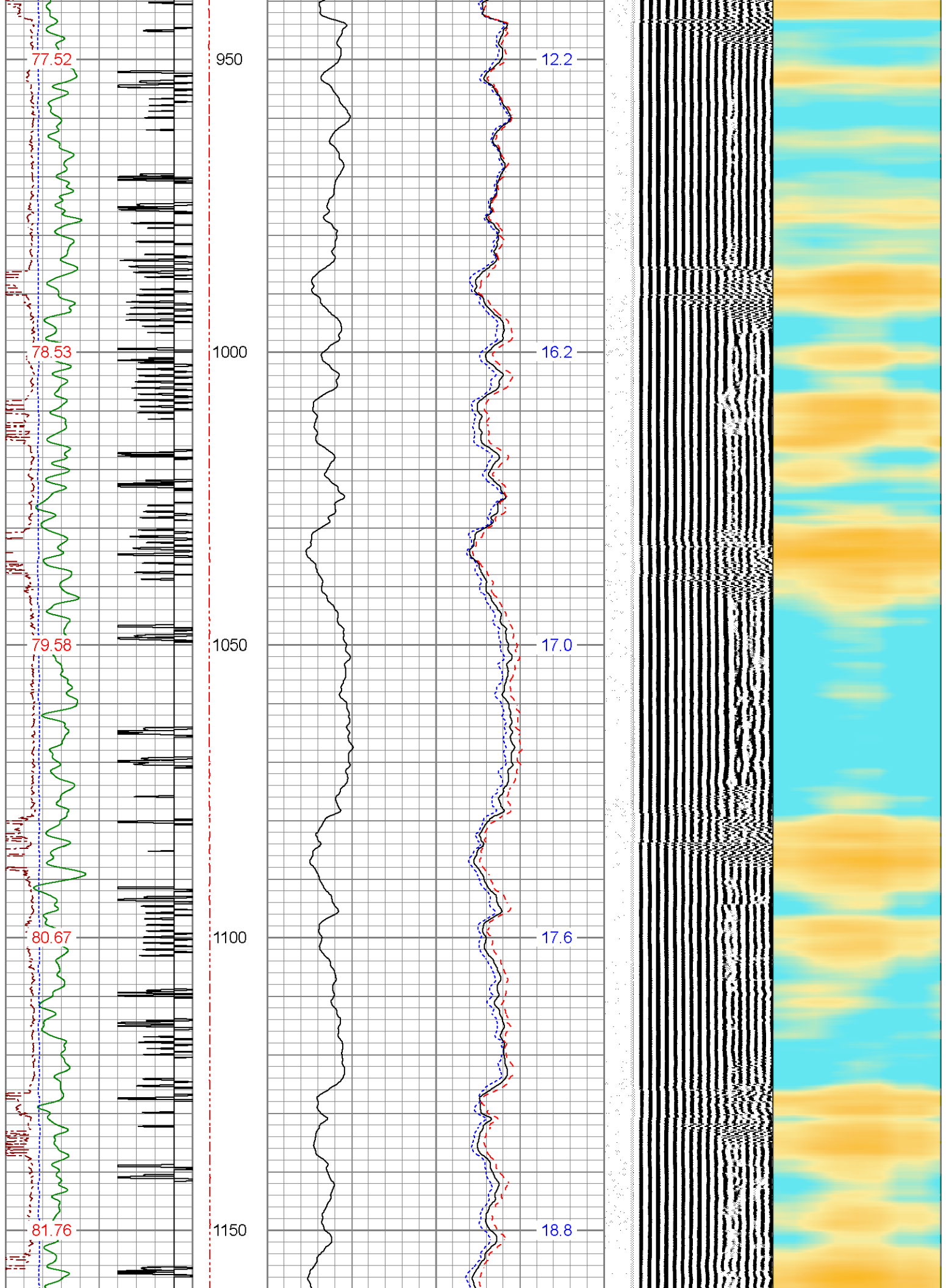


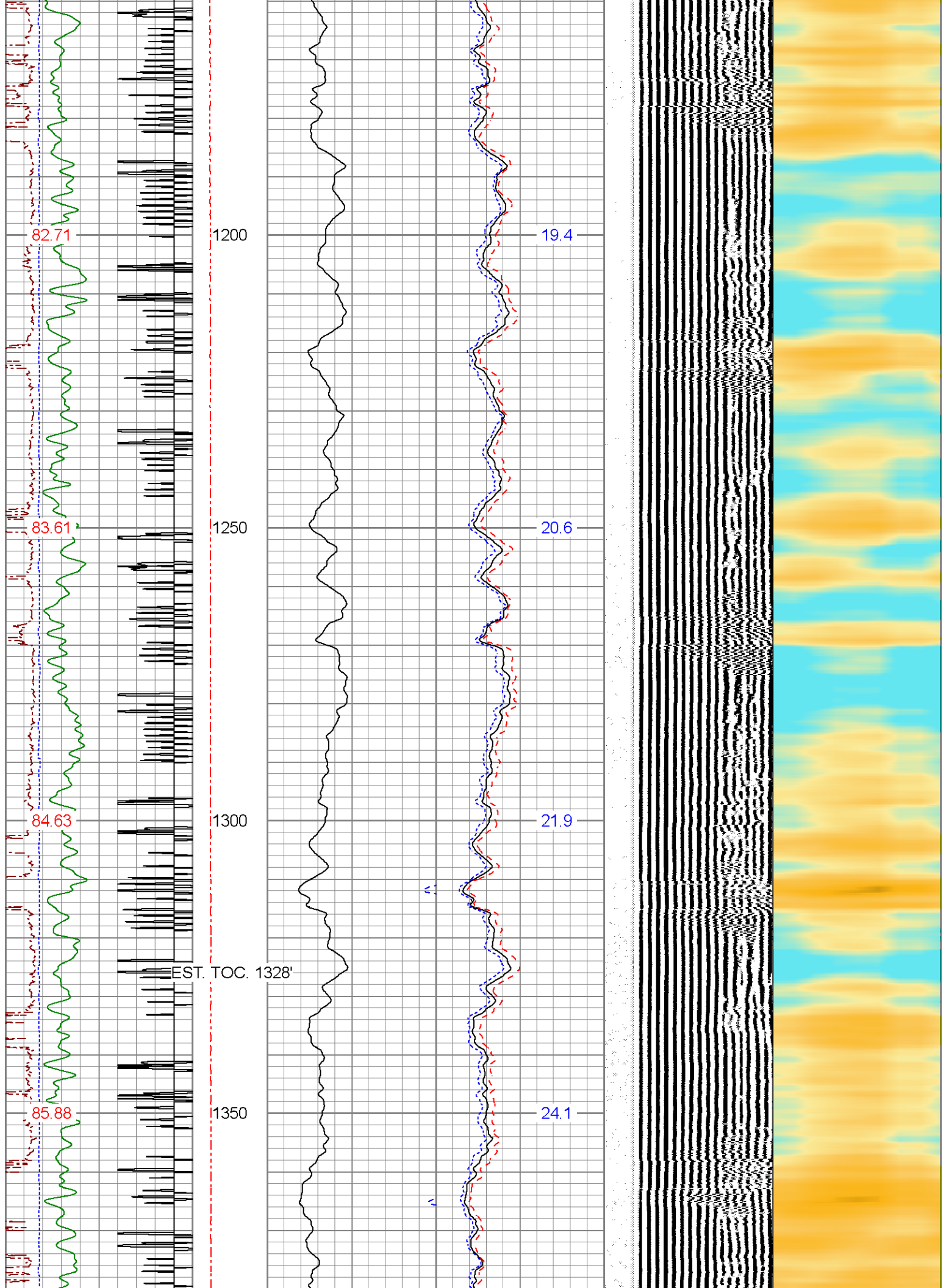


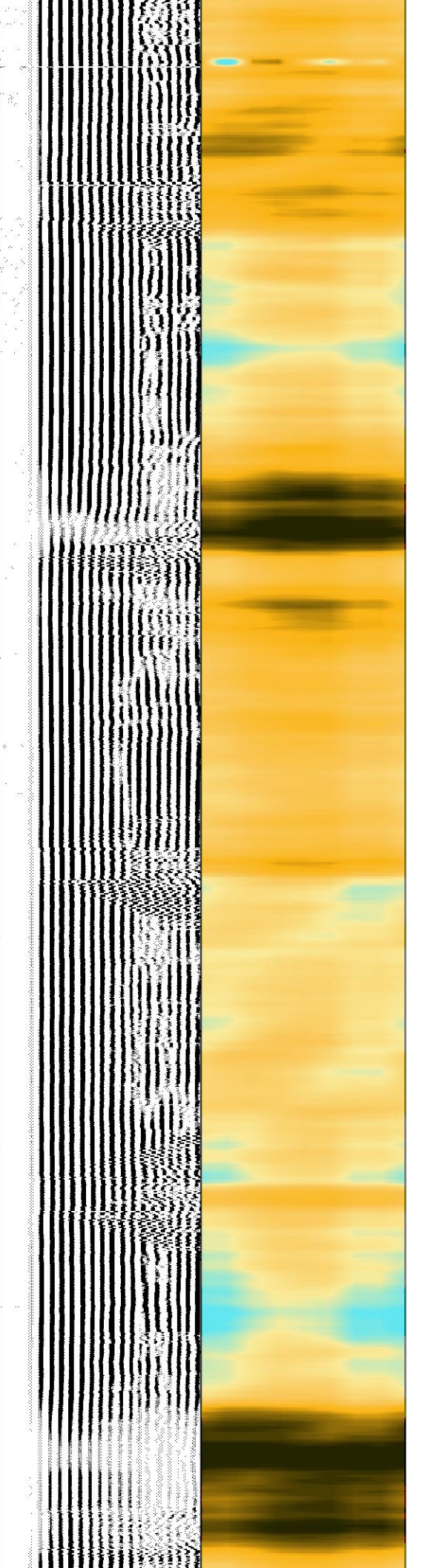
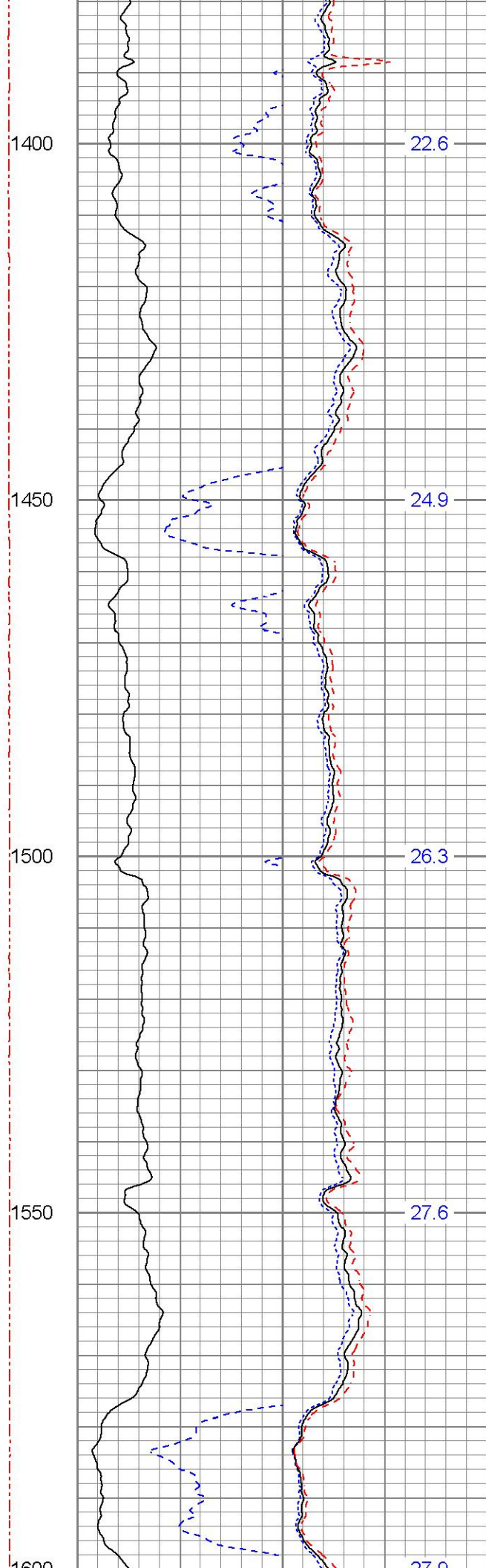
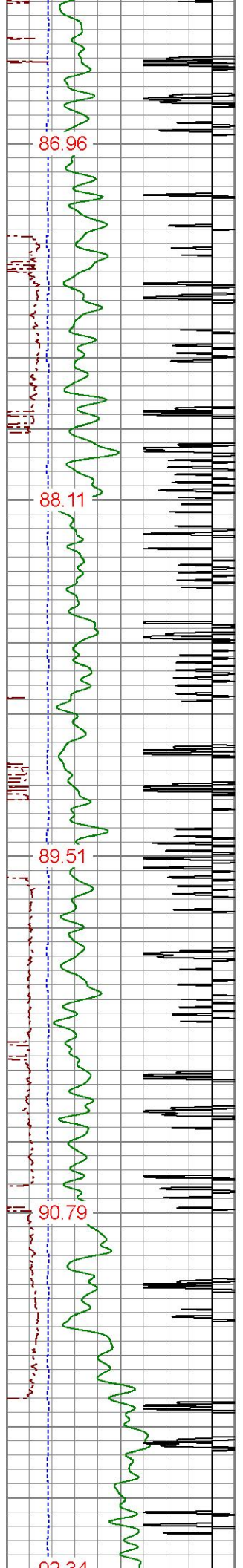


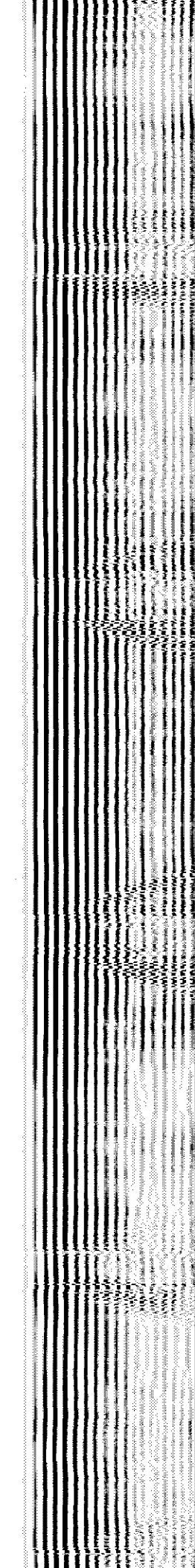
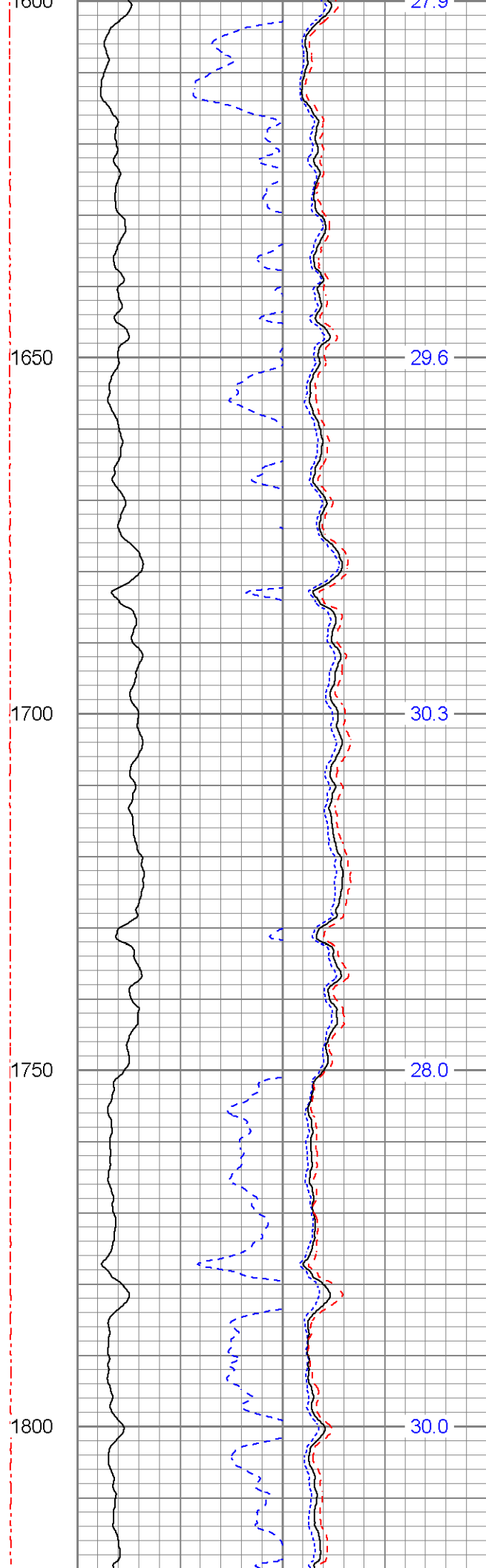
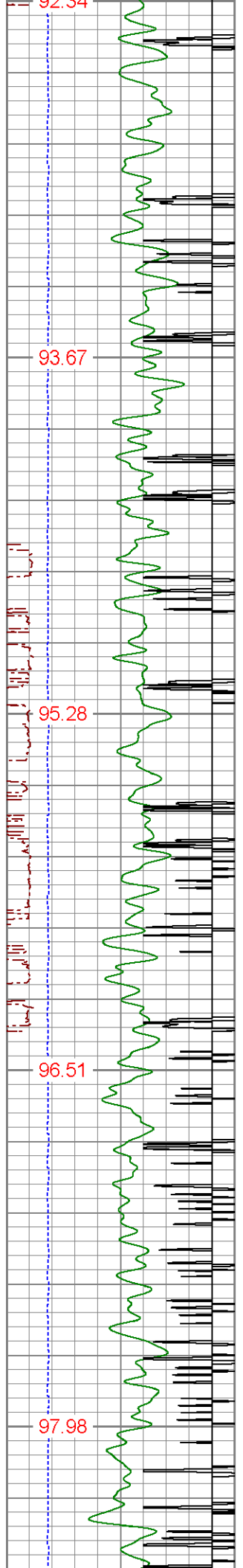


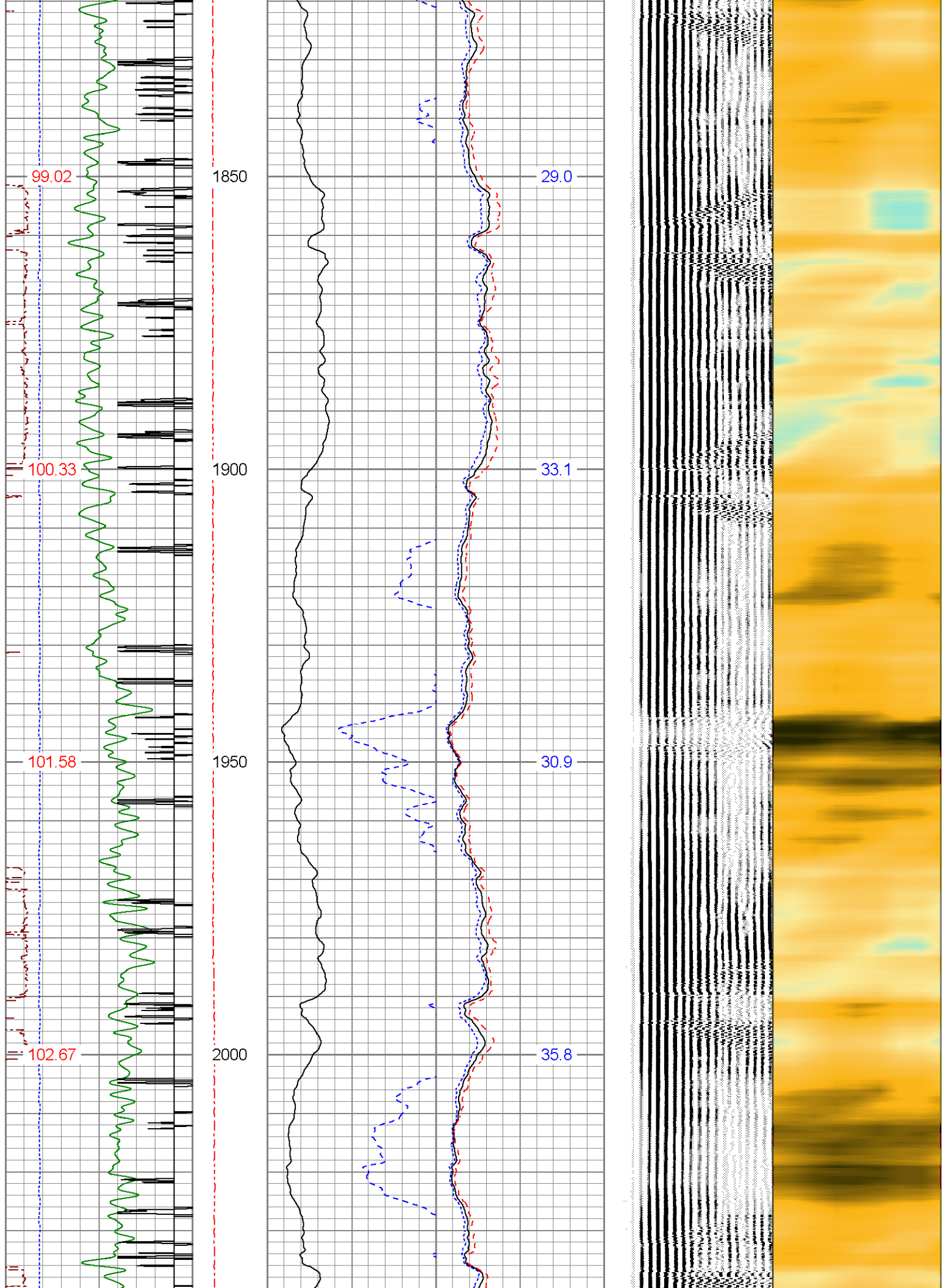


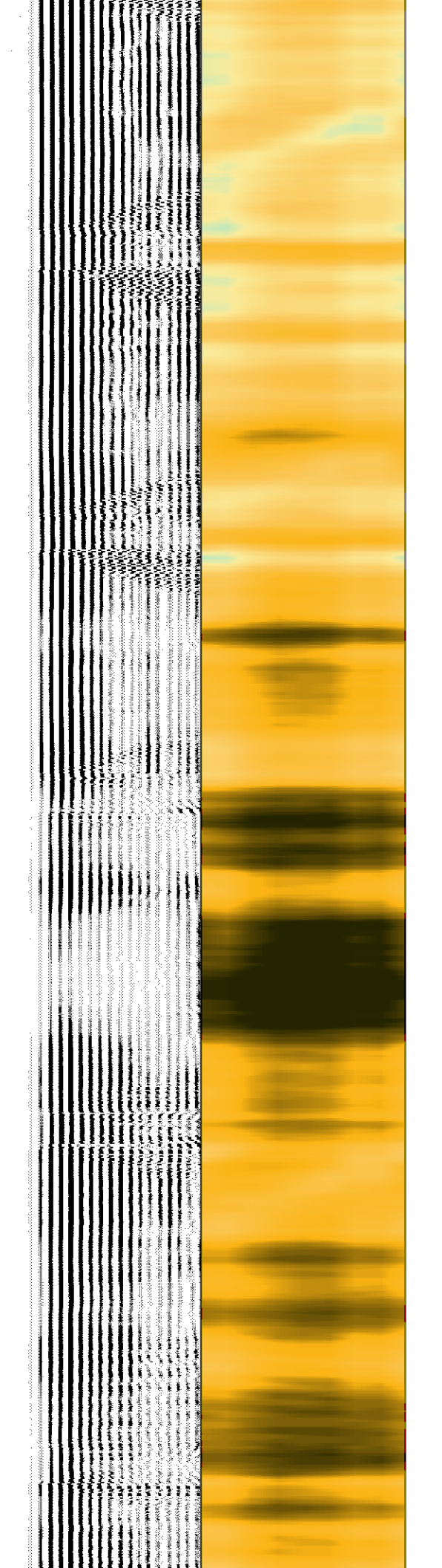
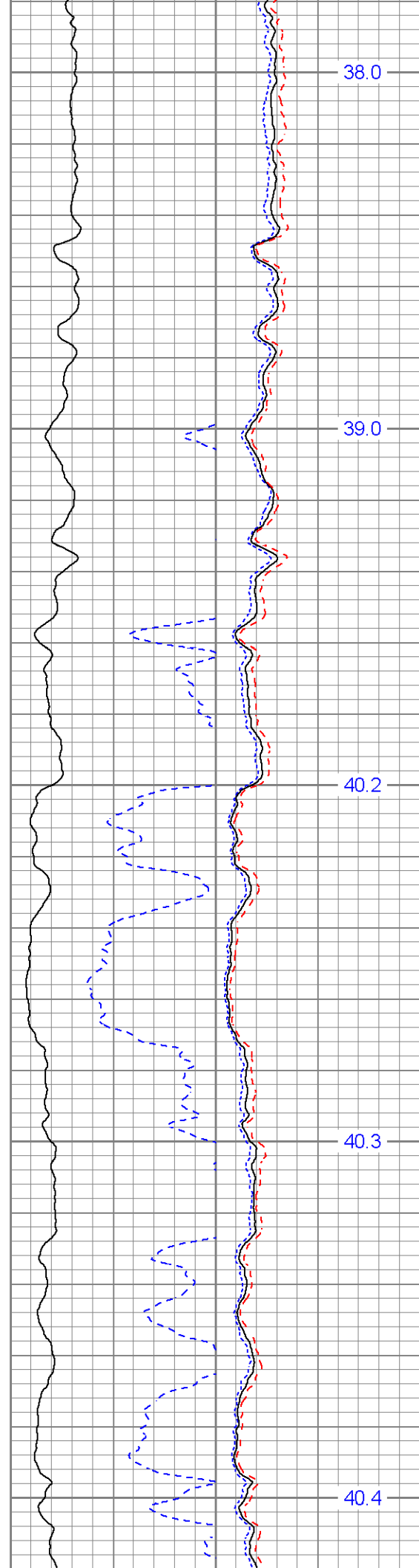
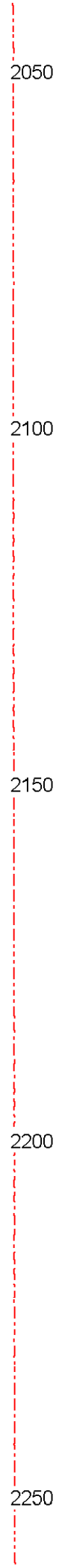
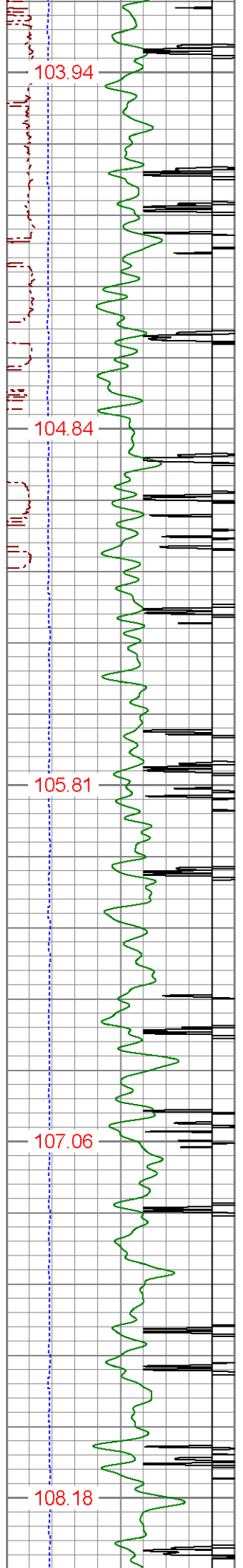


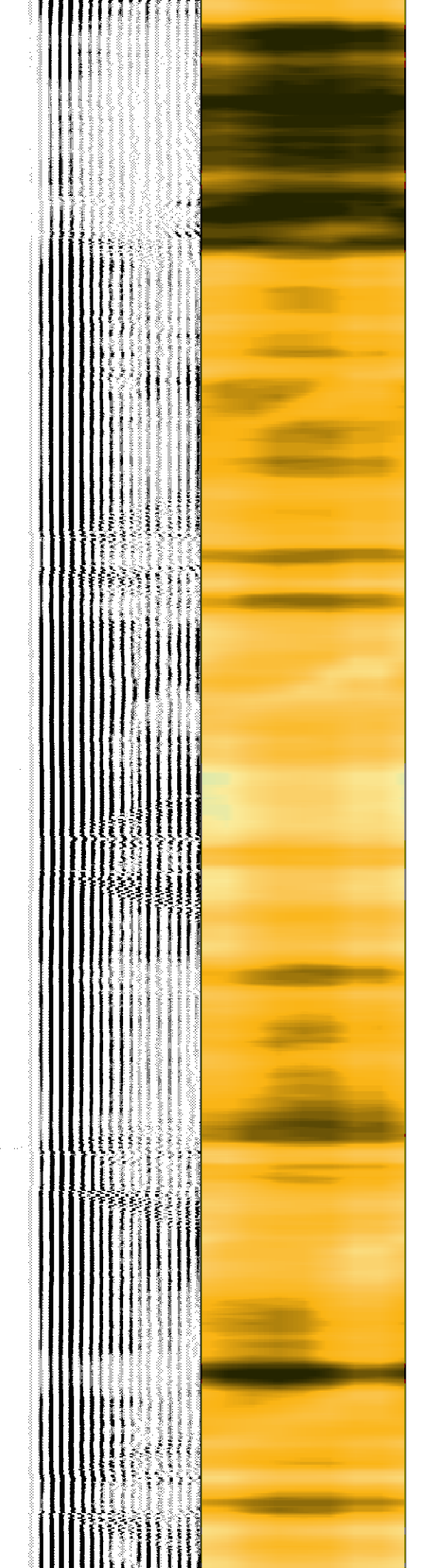
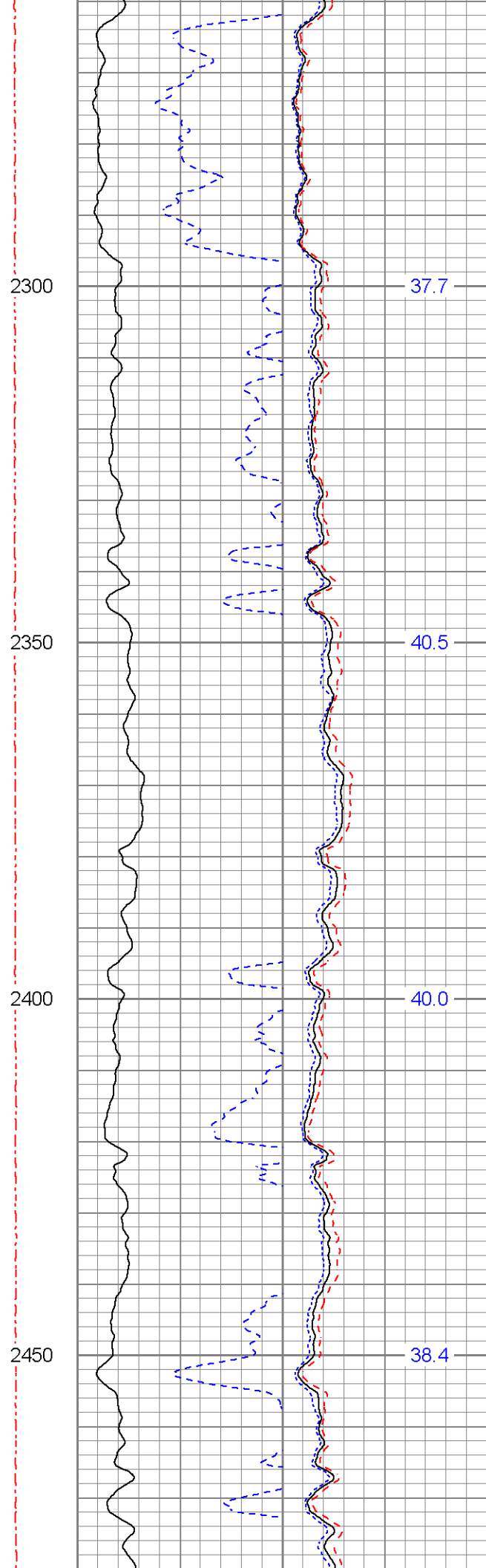
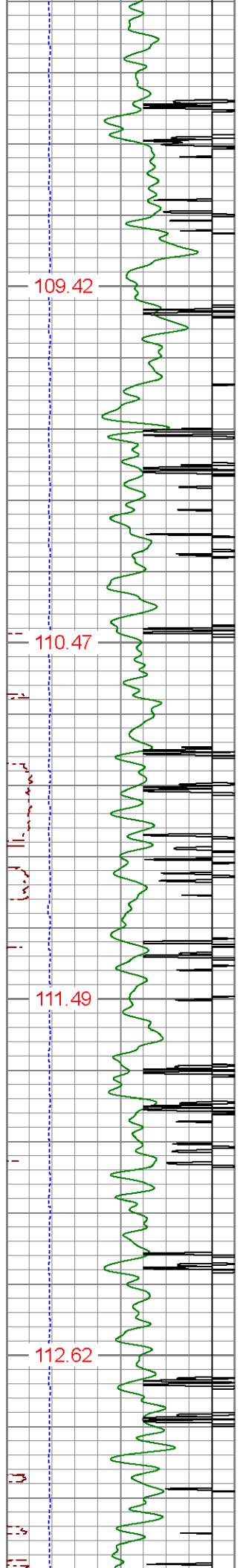


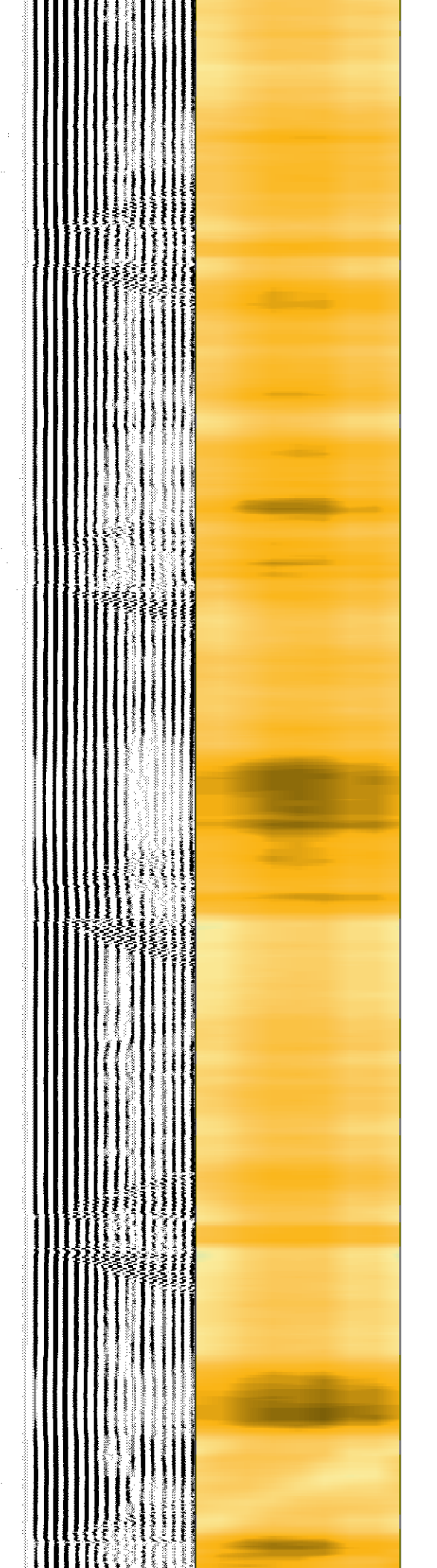
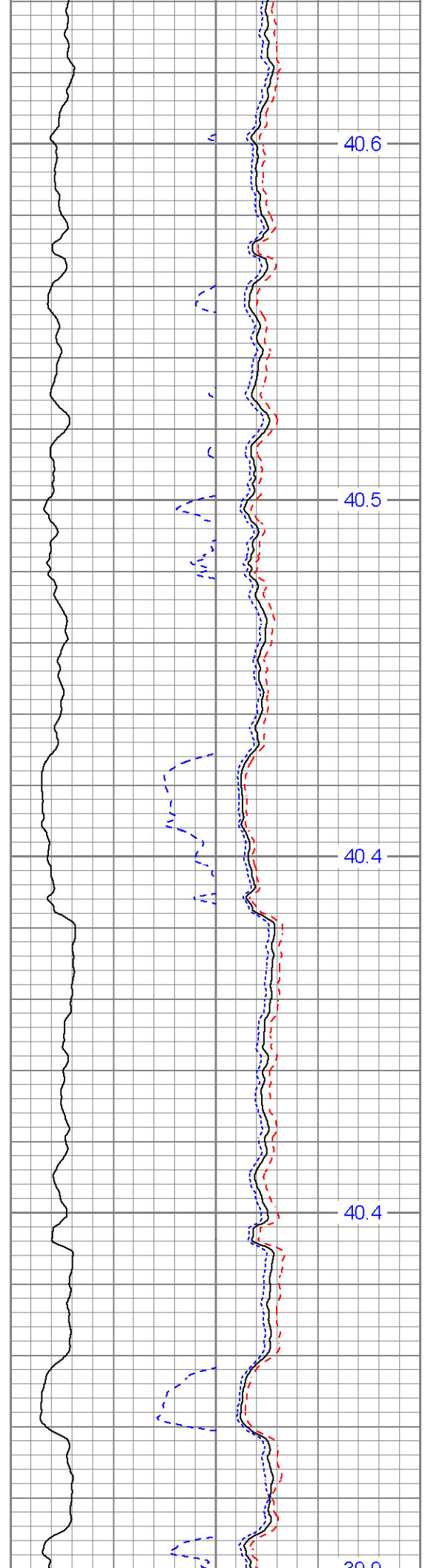
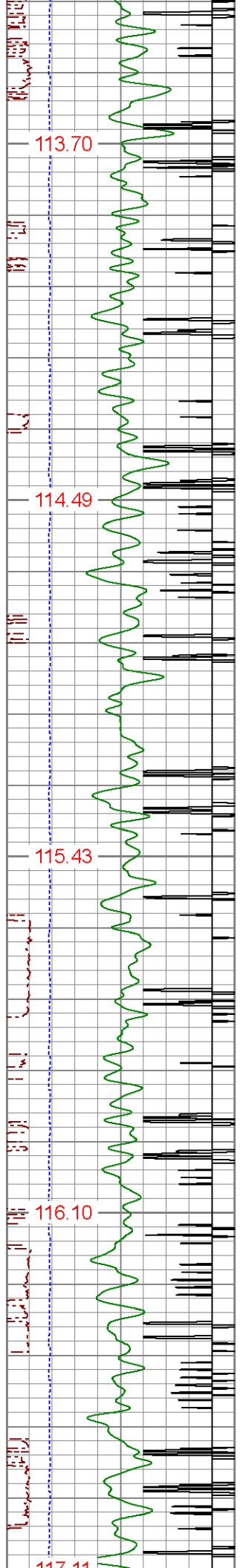


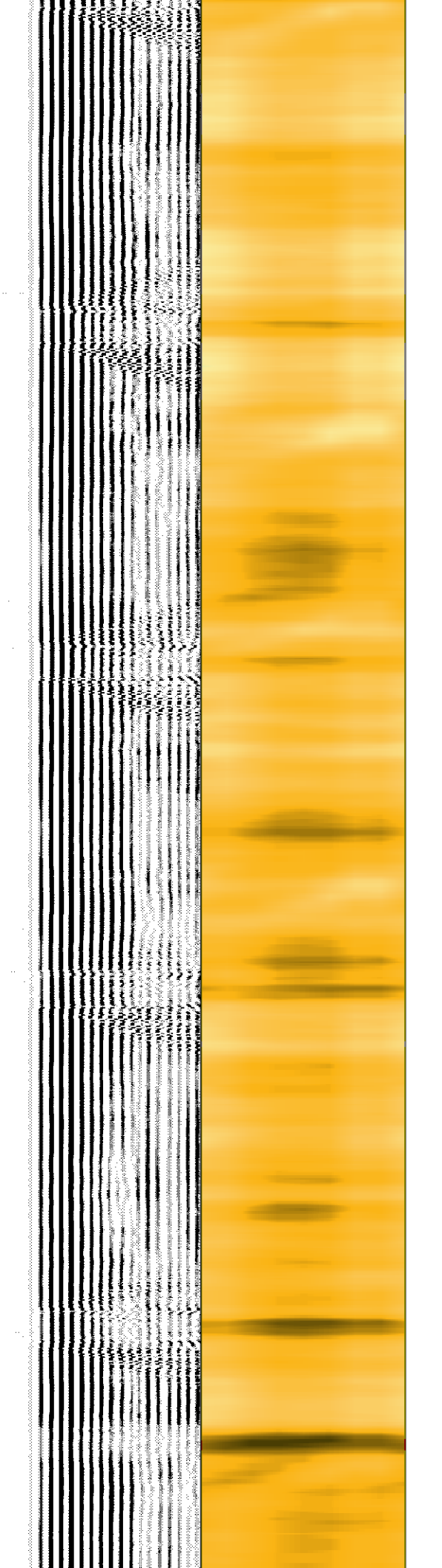
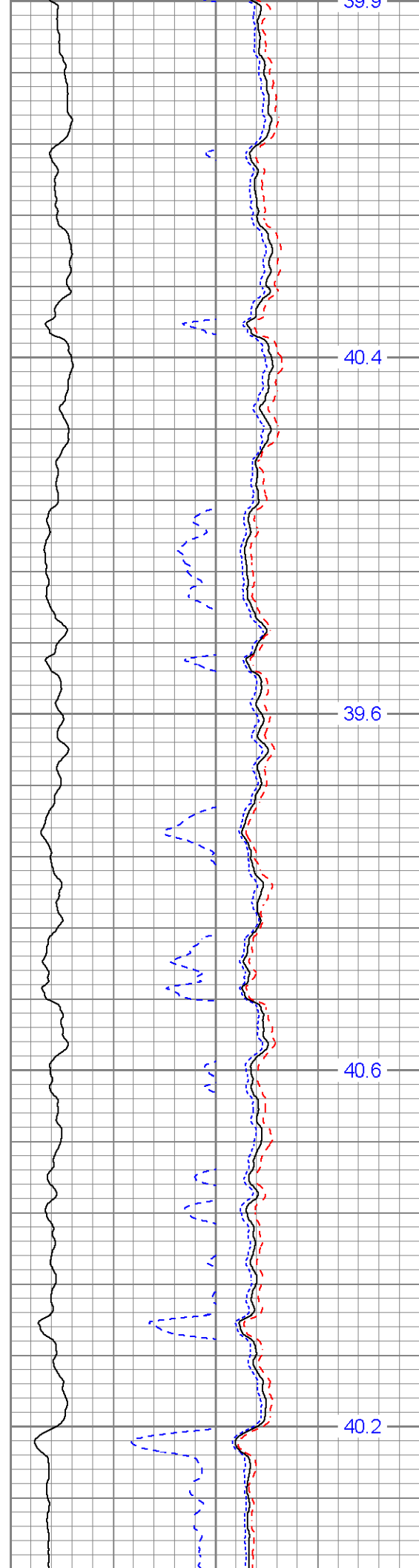
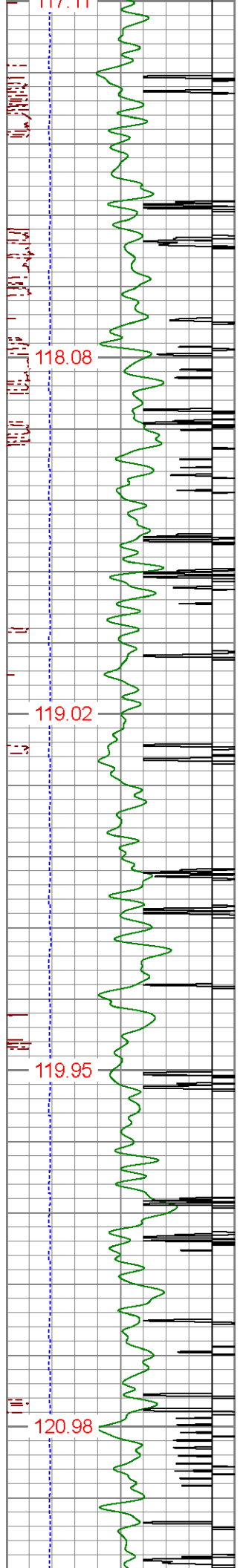


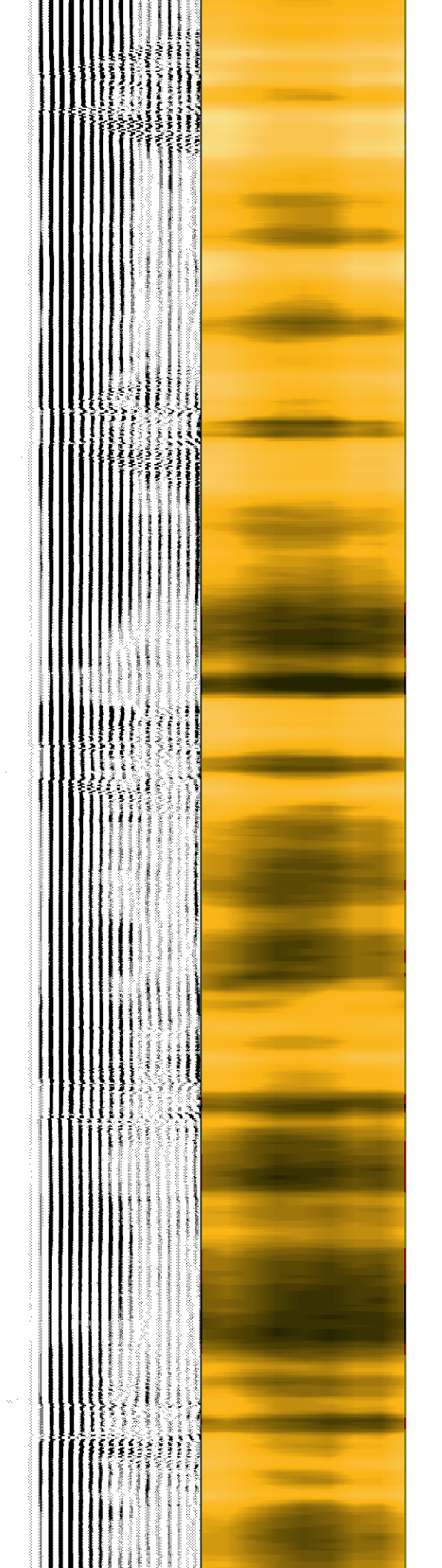
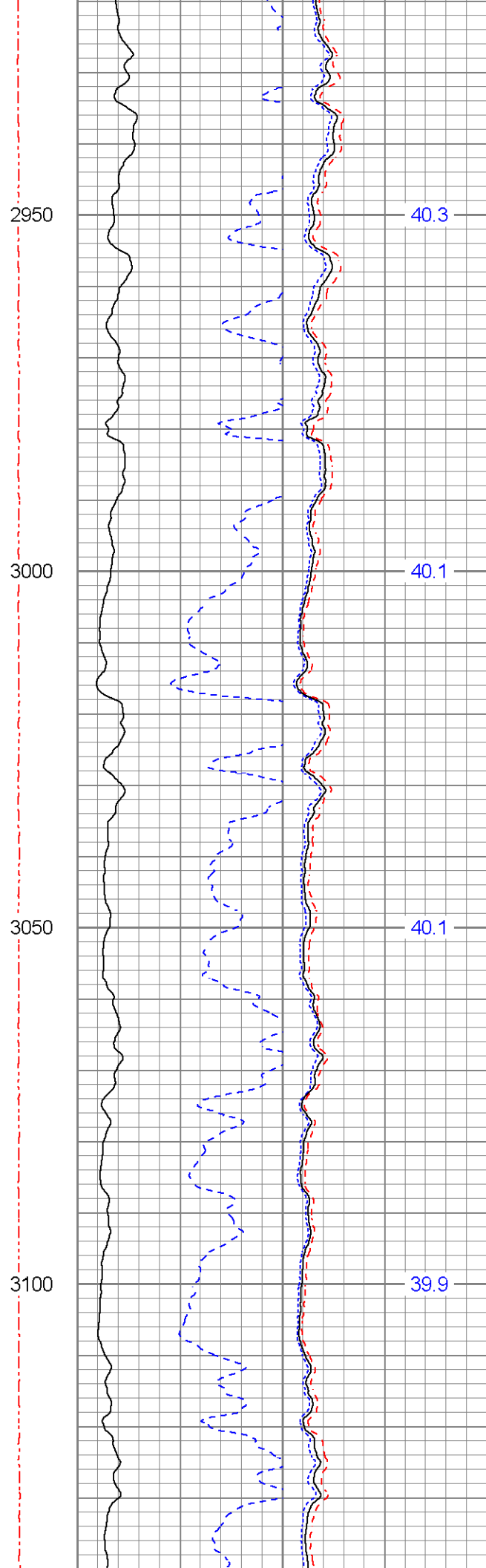
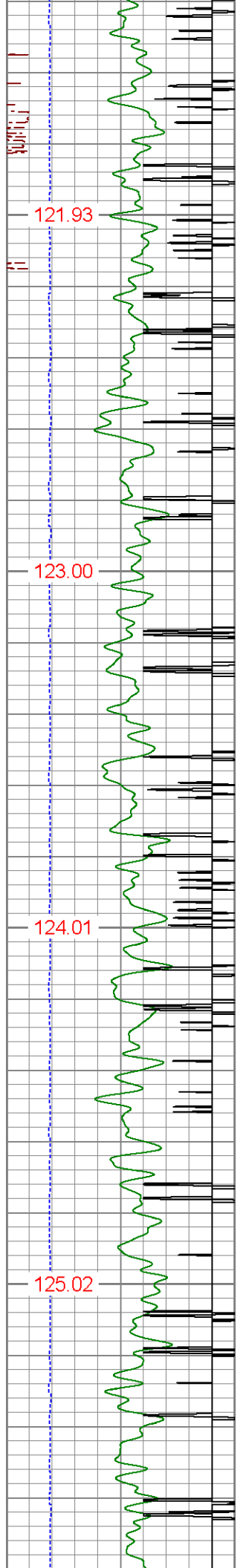












121.93

2950

40.3

123.00

3000

40.1

124.01

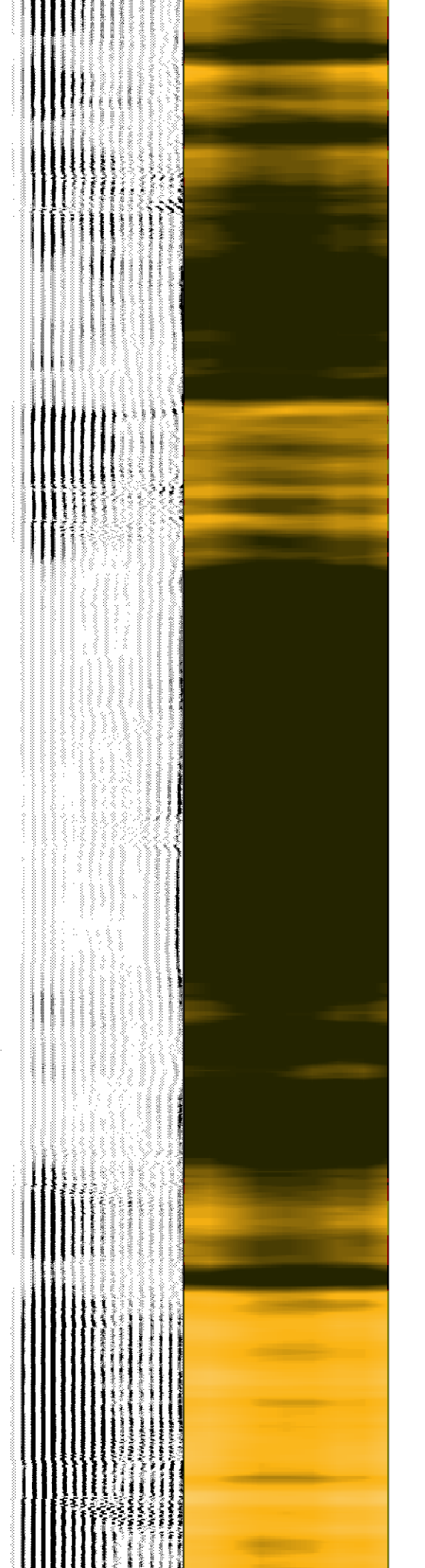
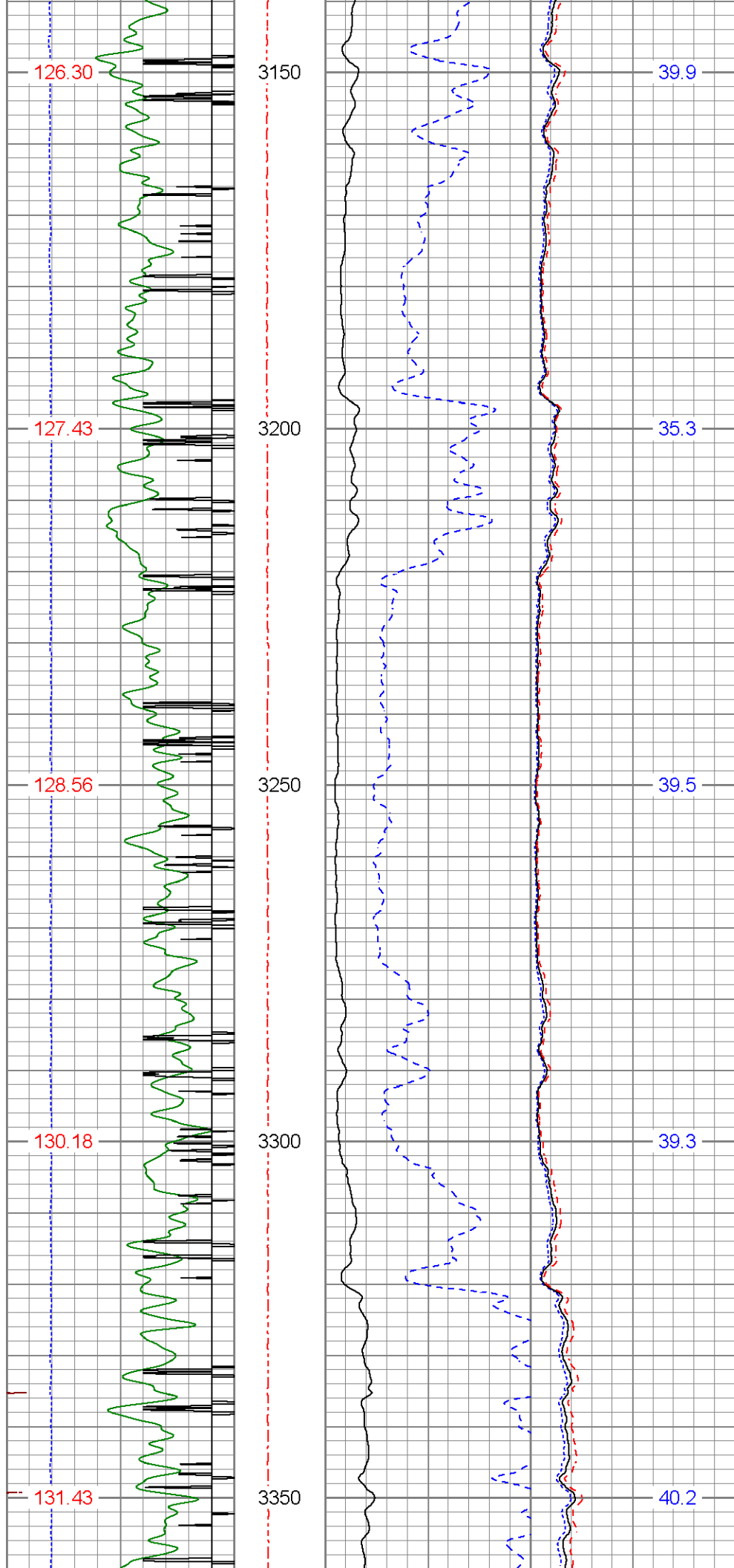
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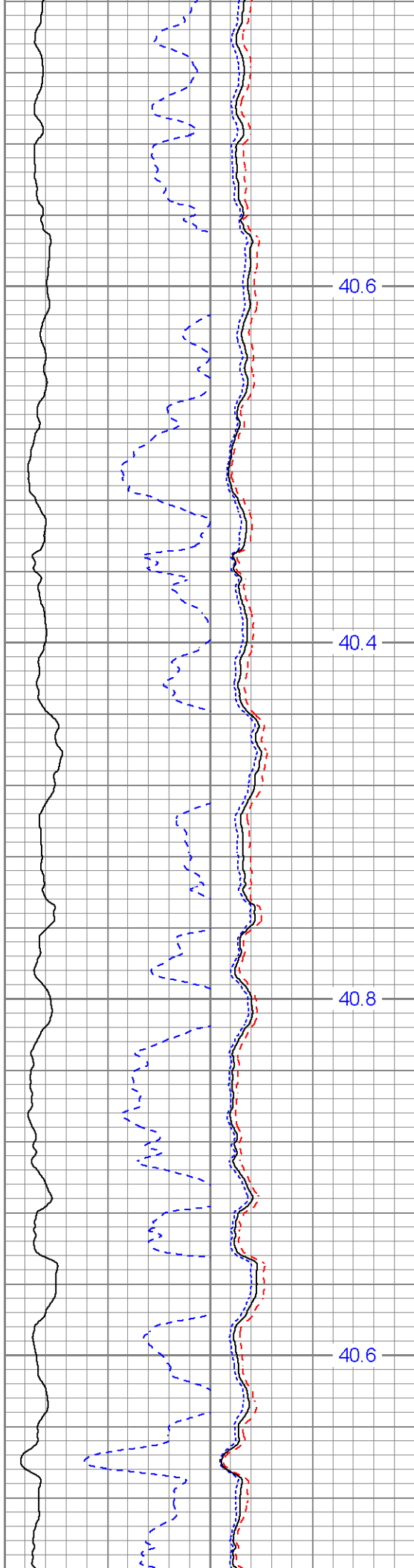
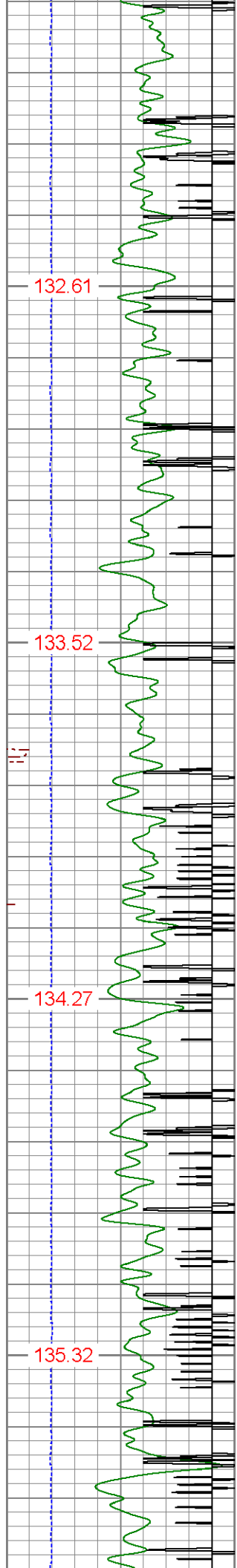
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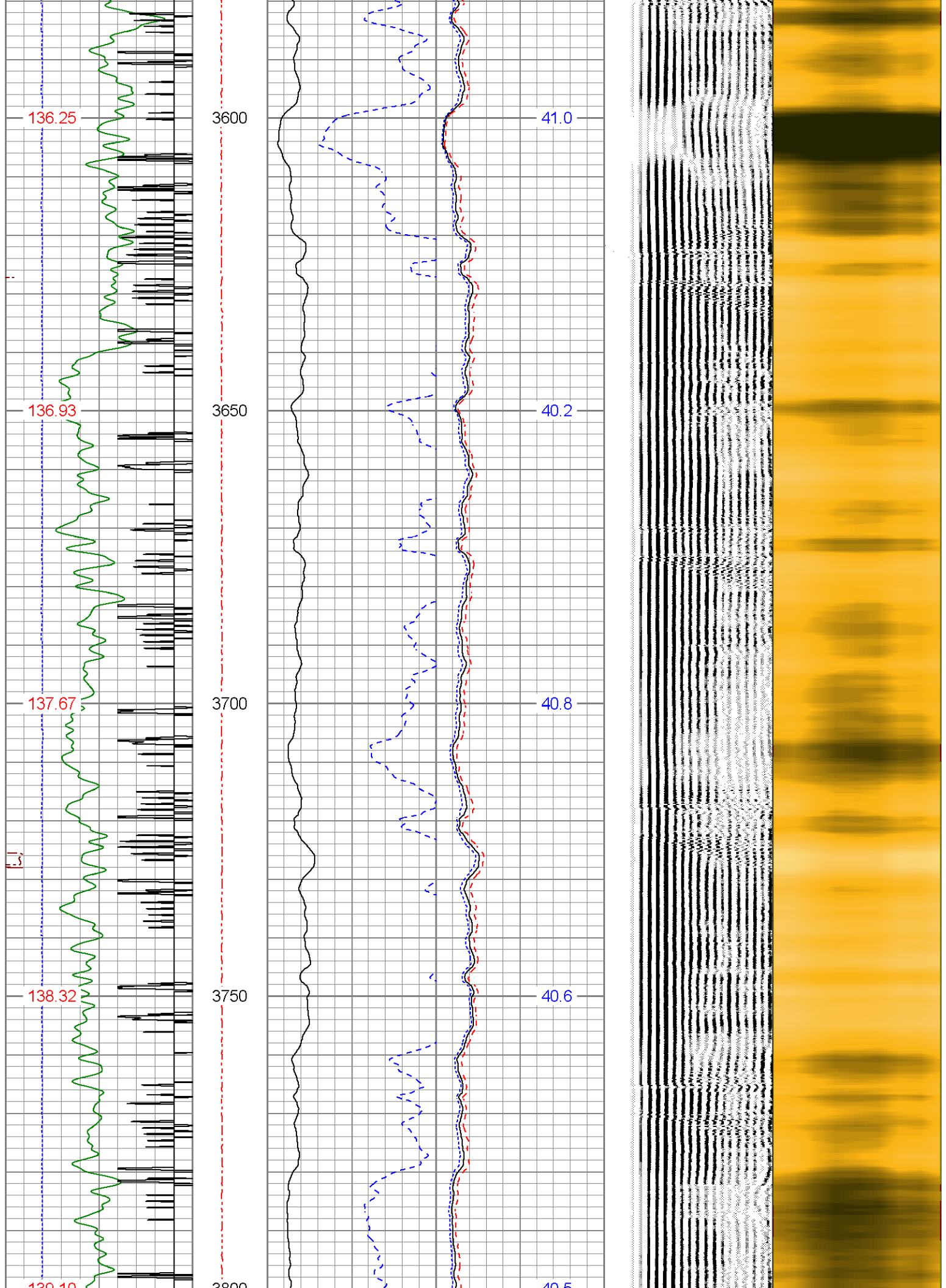
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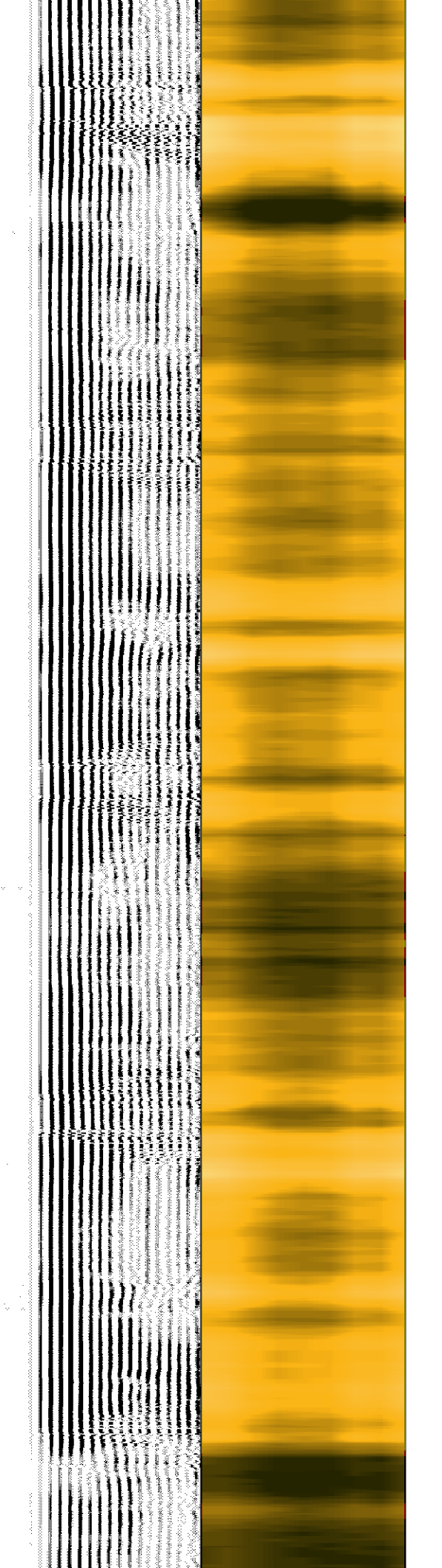
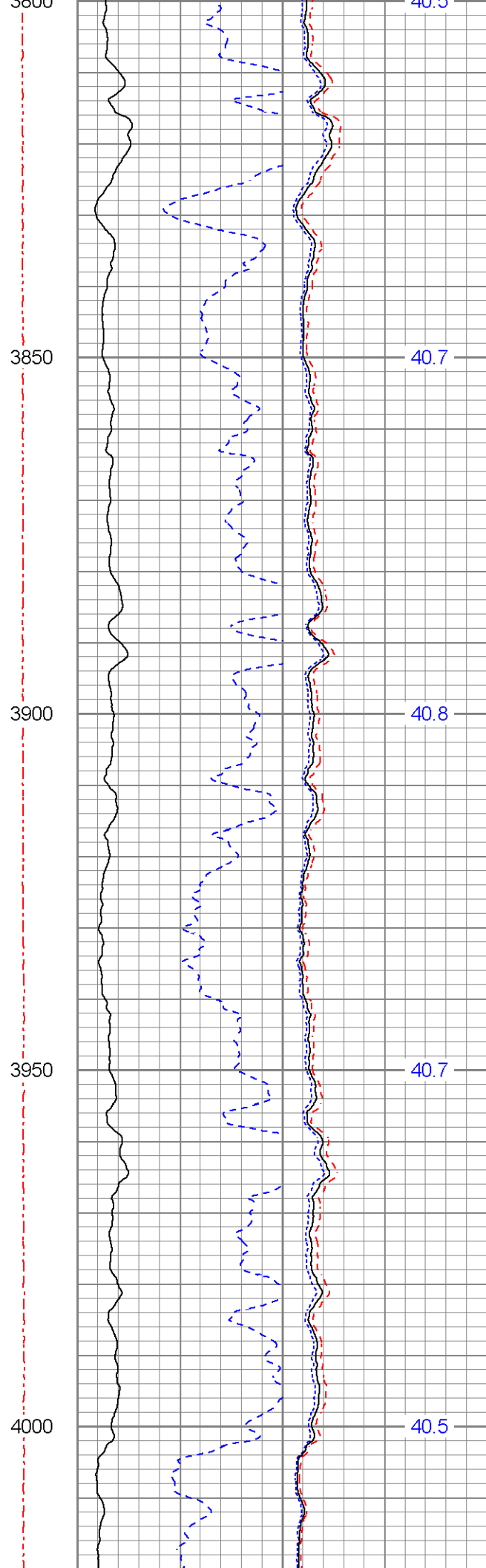
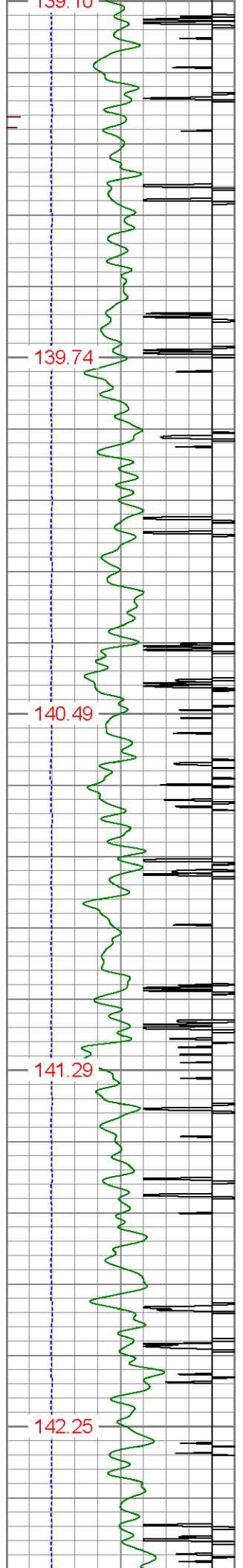
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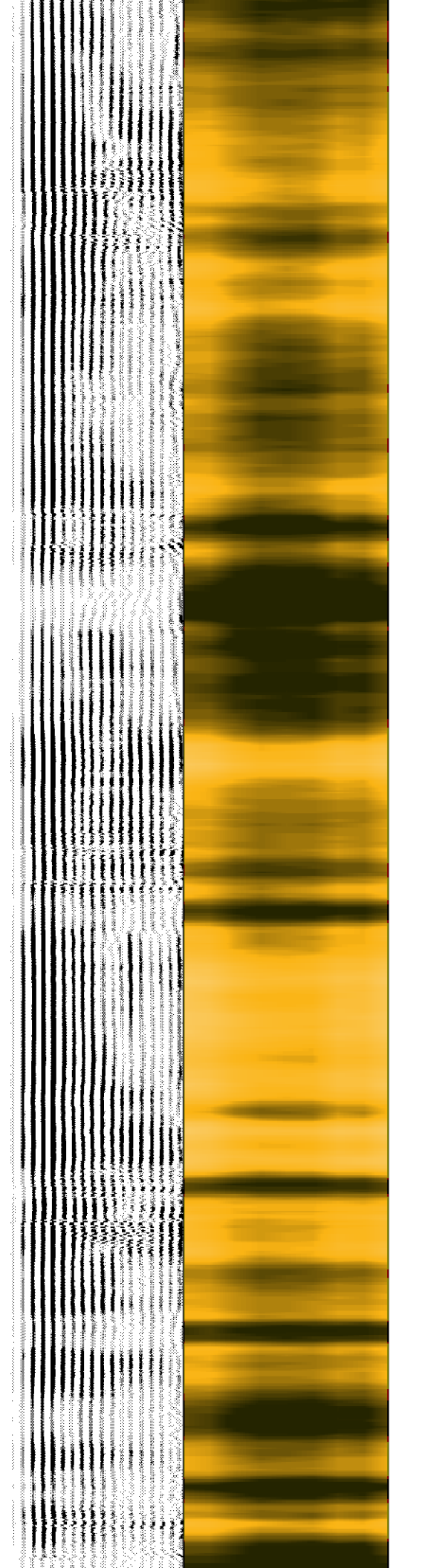
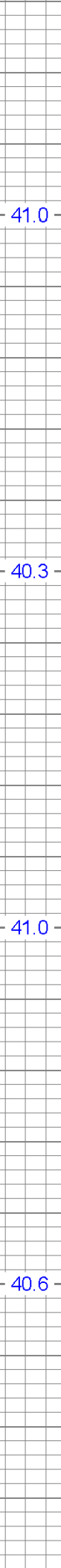
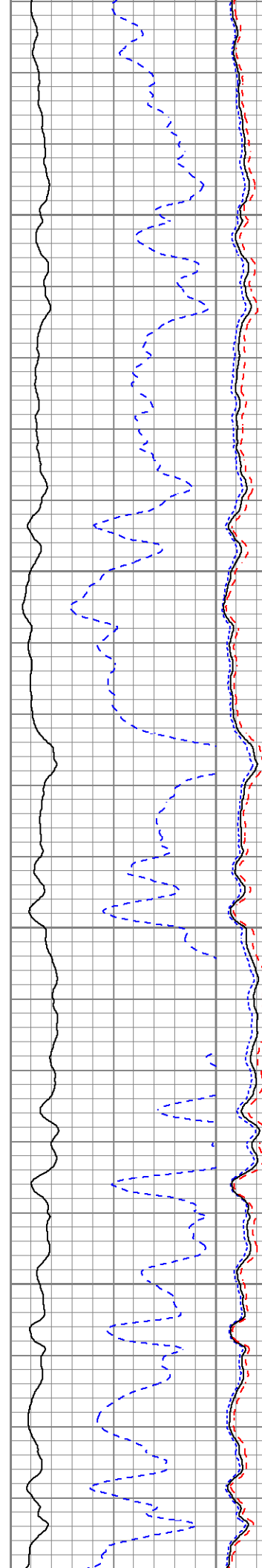
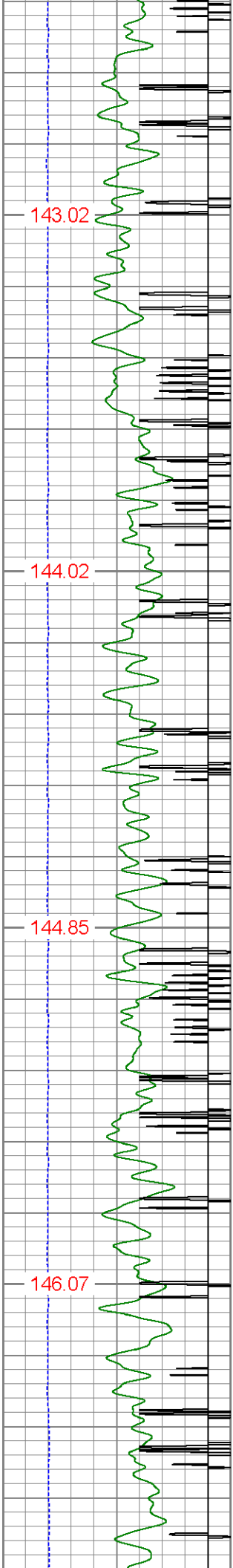
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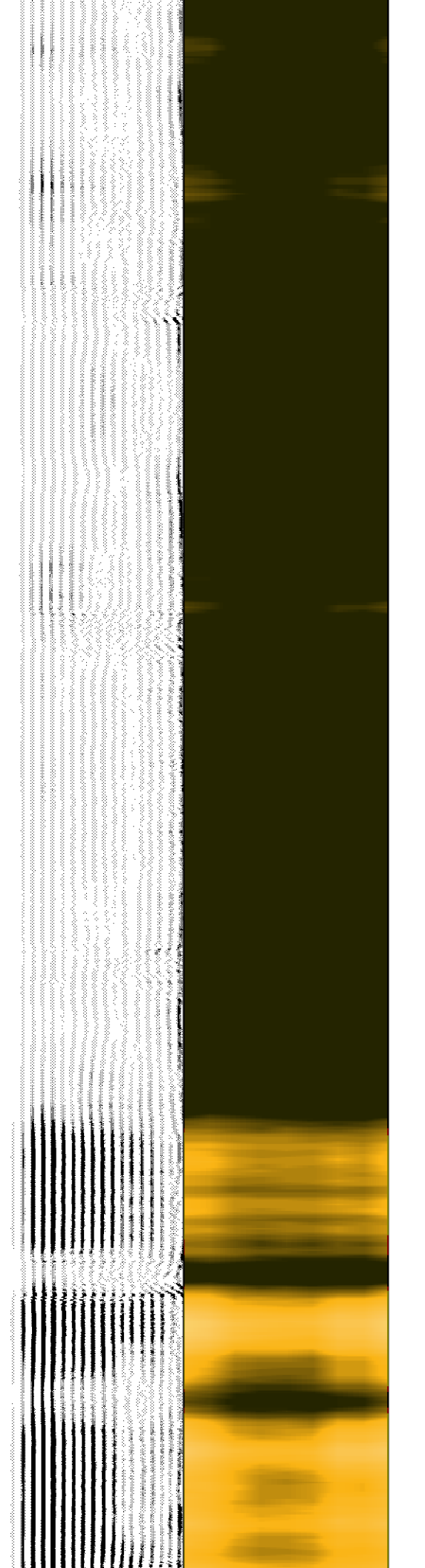
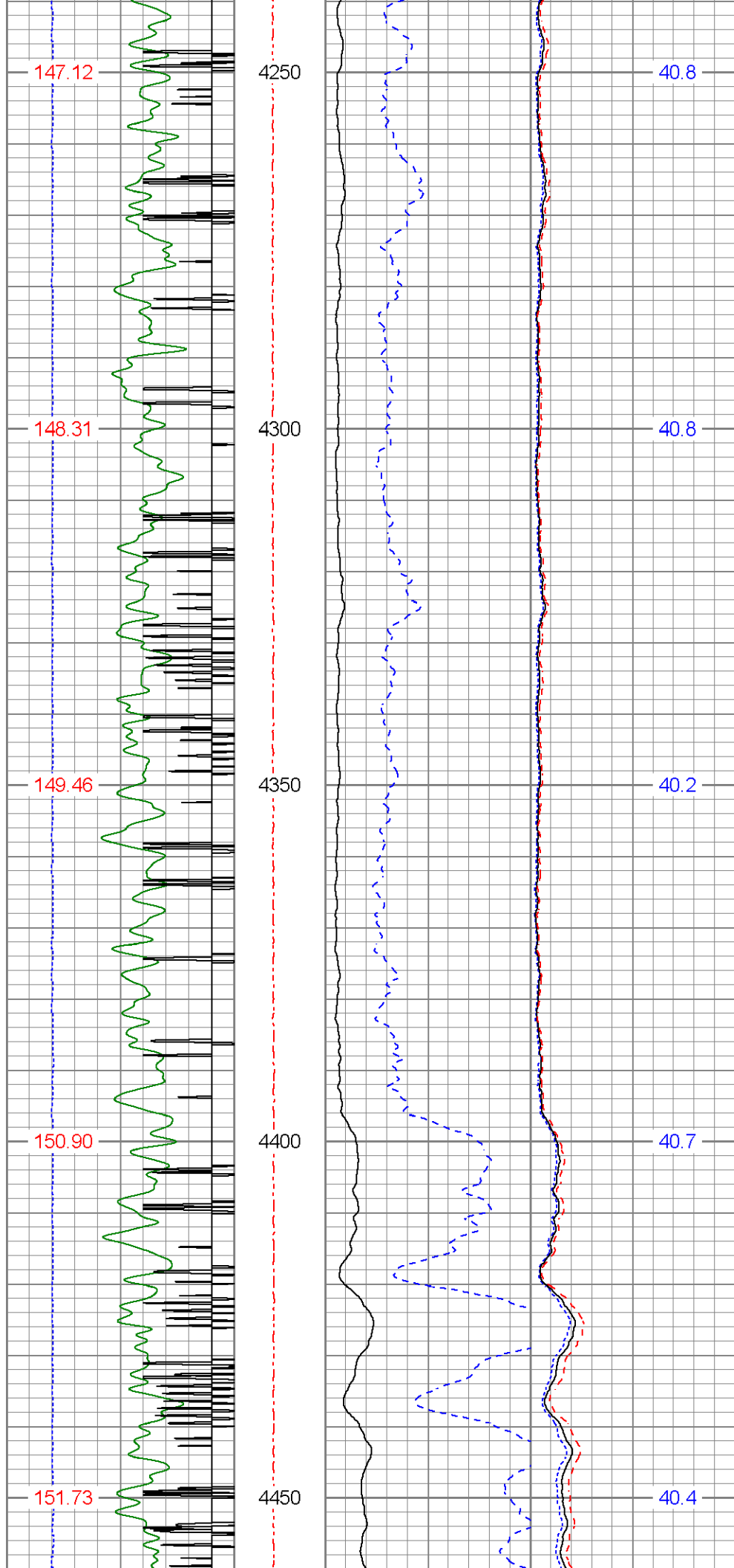


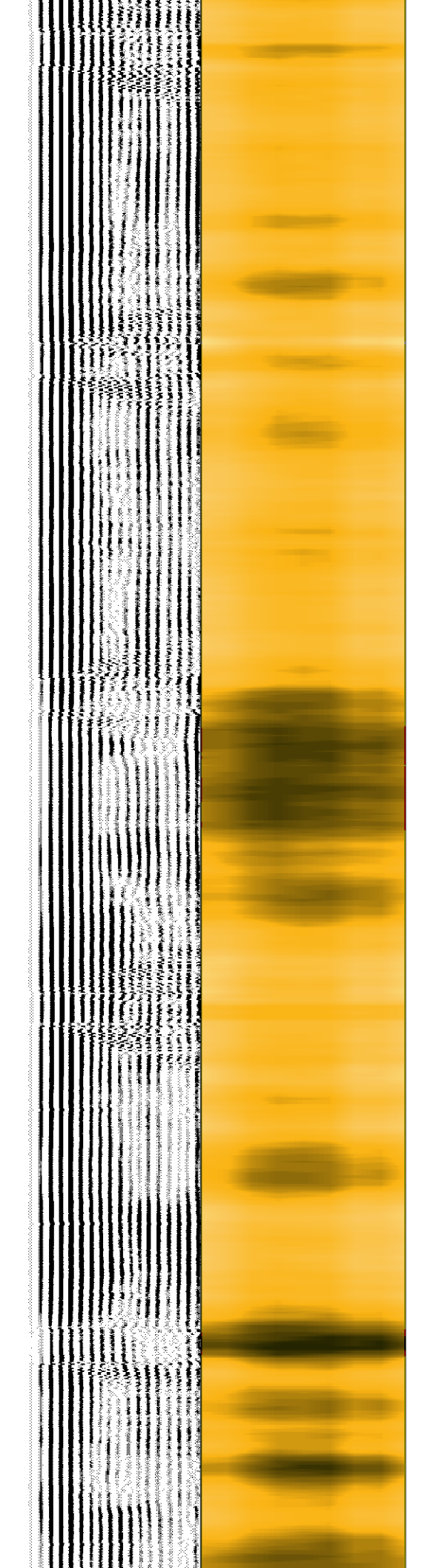
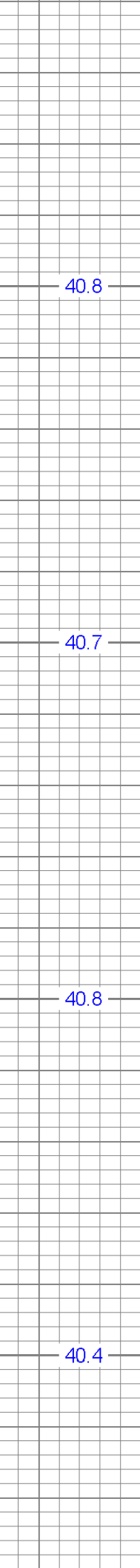
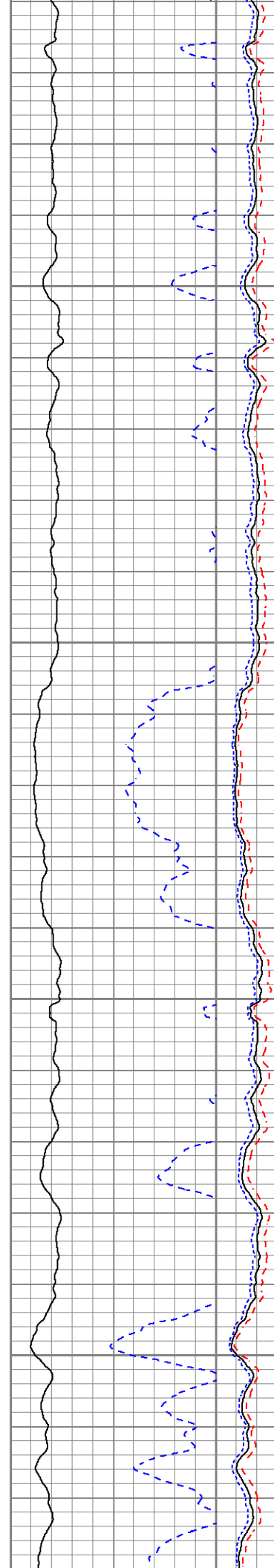
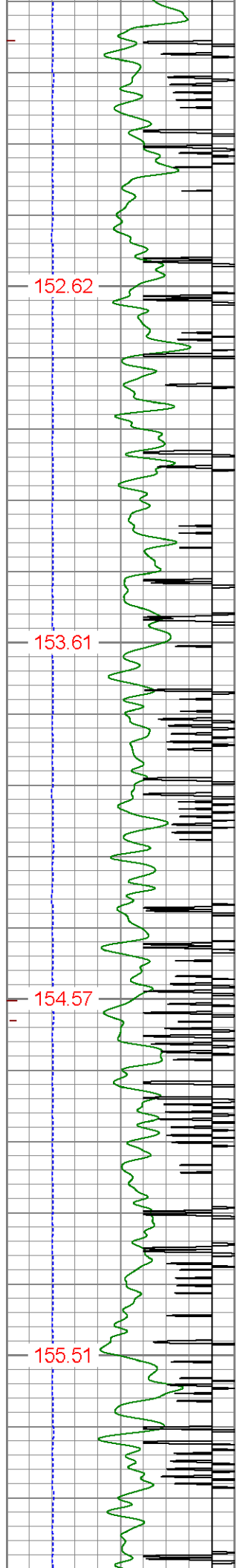


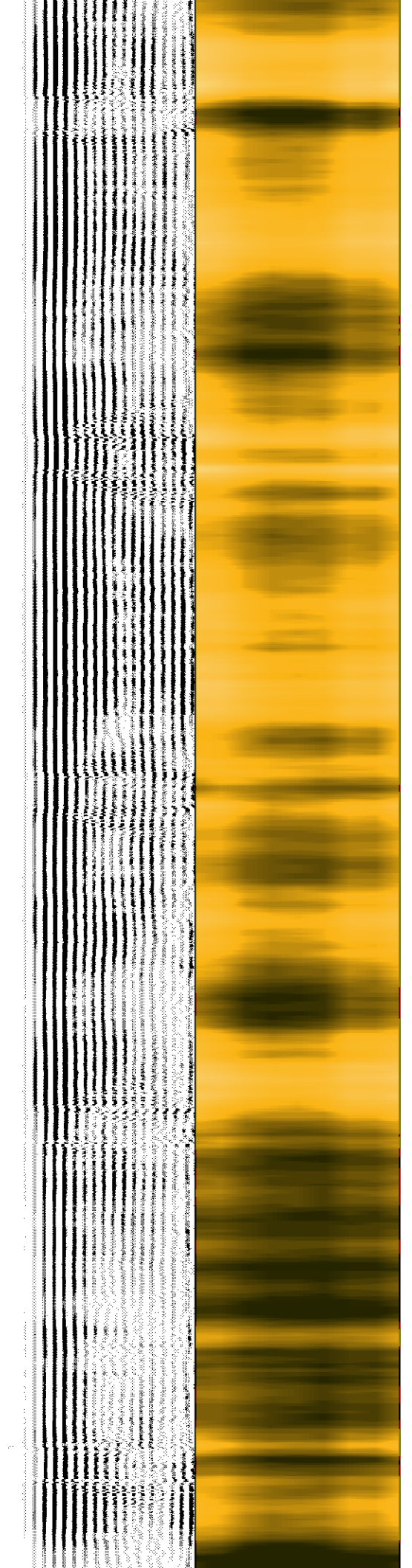
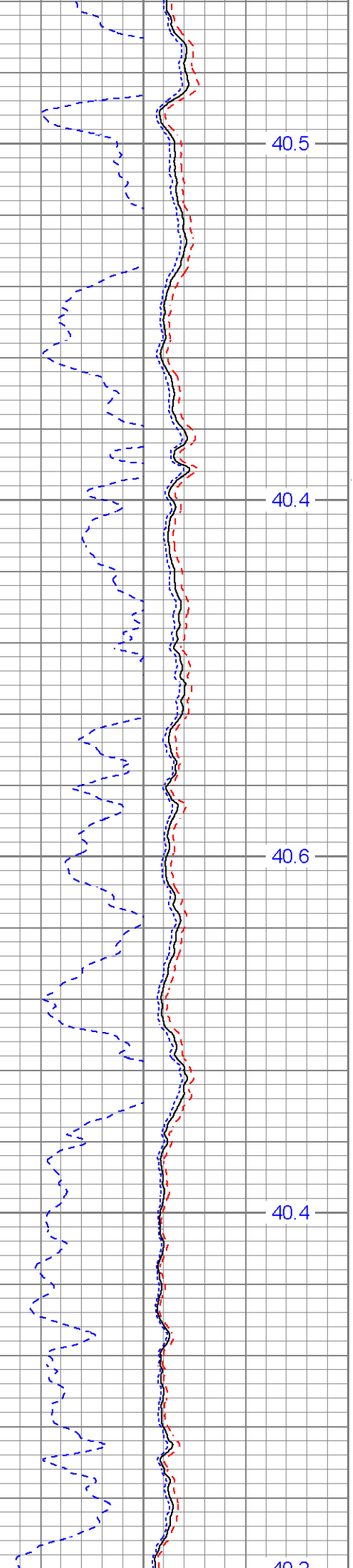
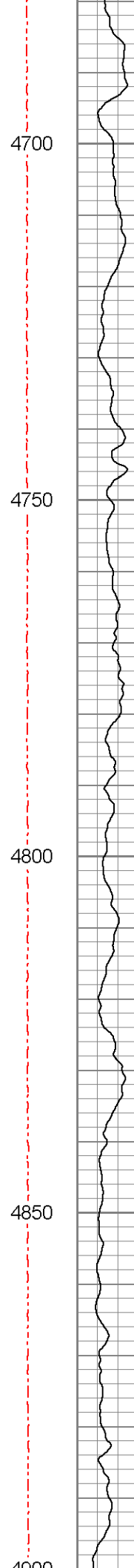
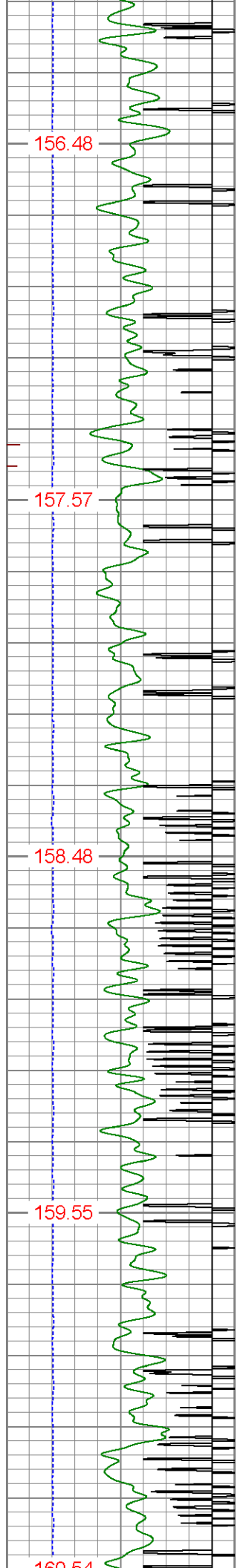


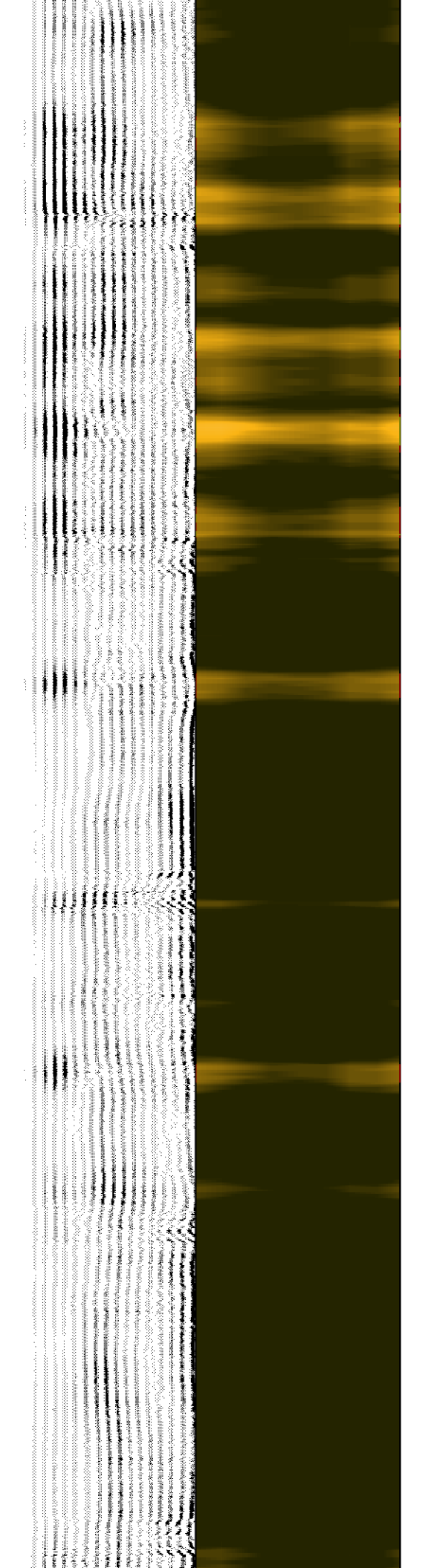
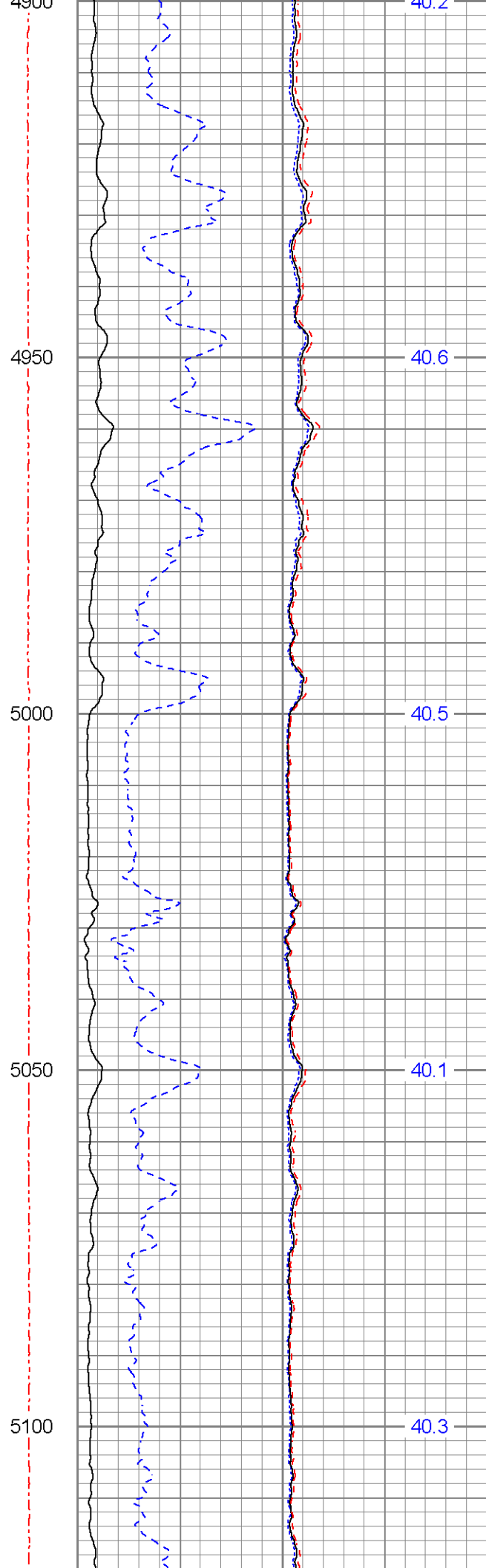
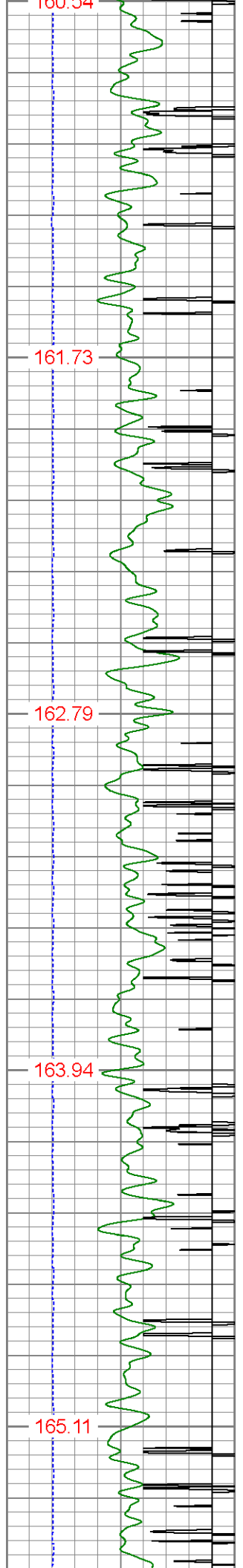


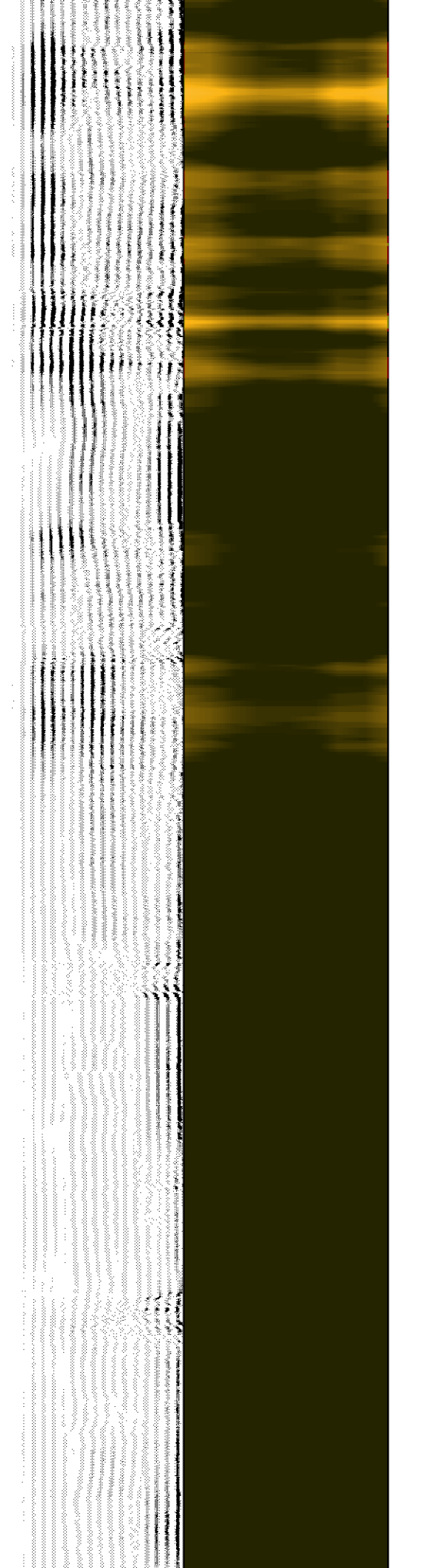
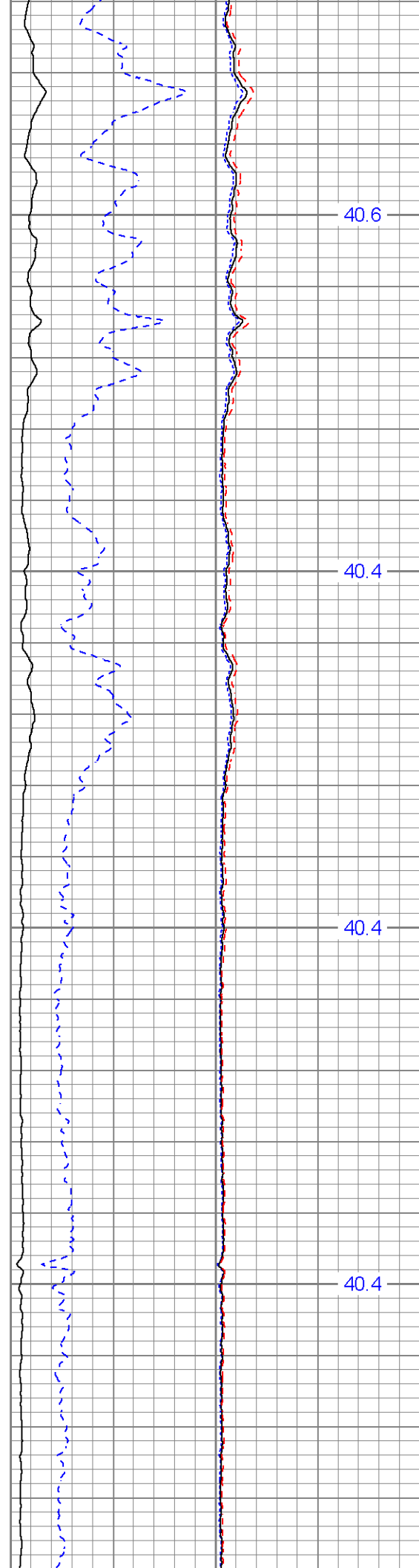
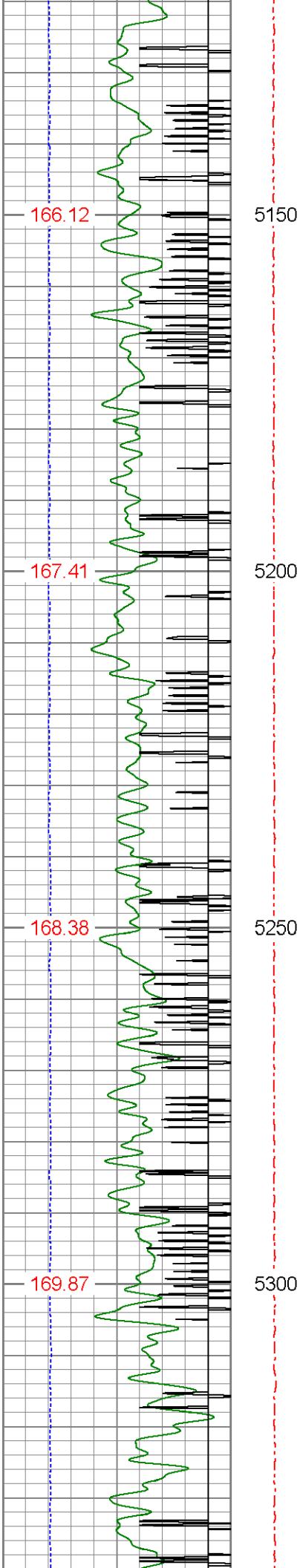


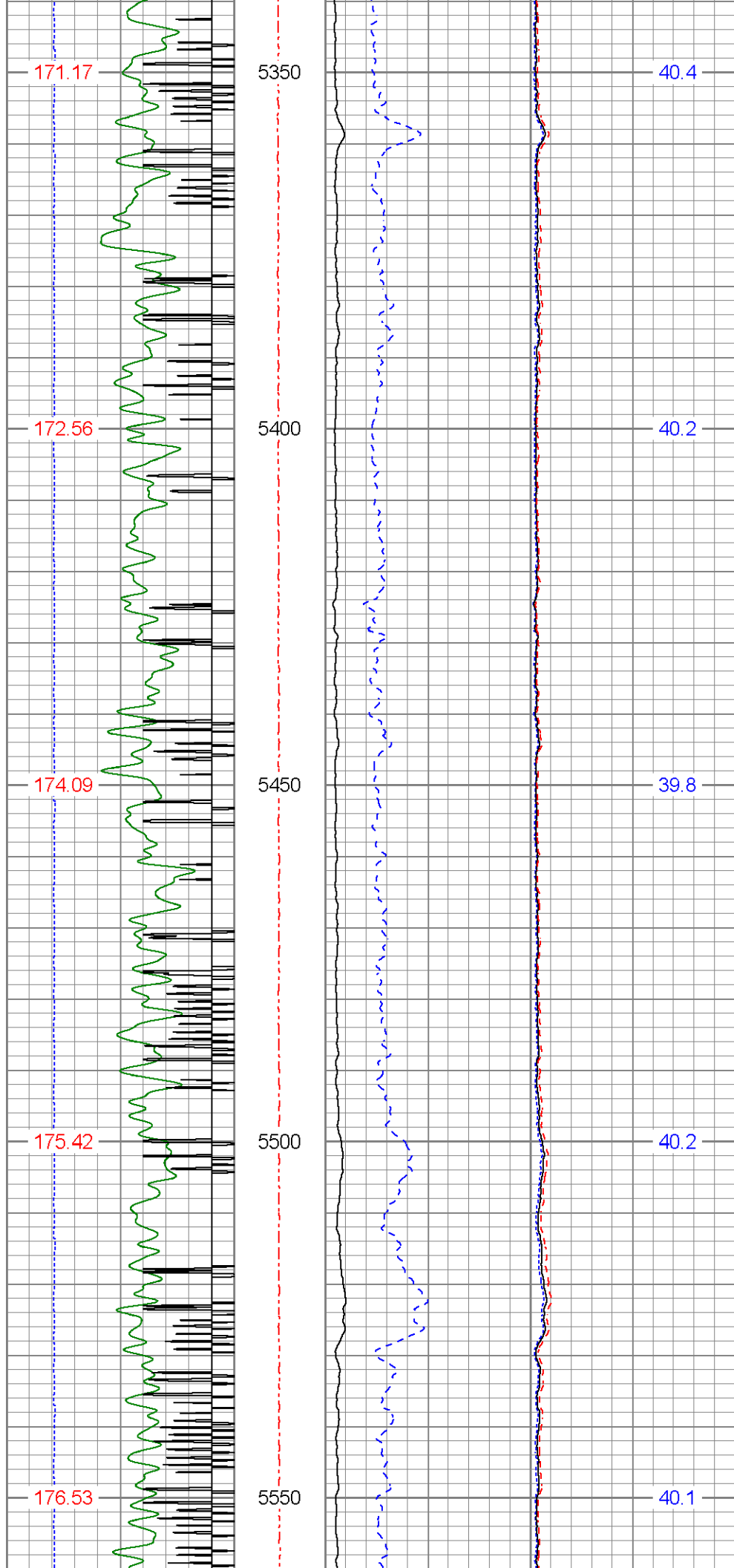


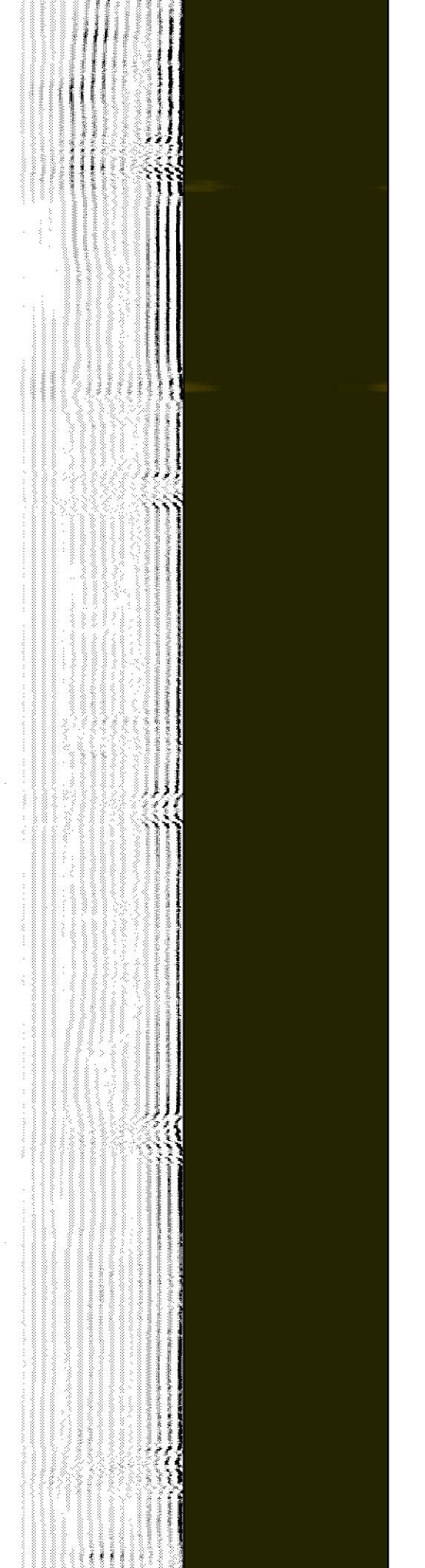
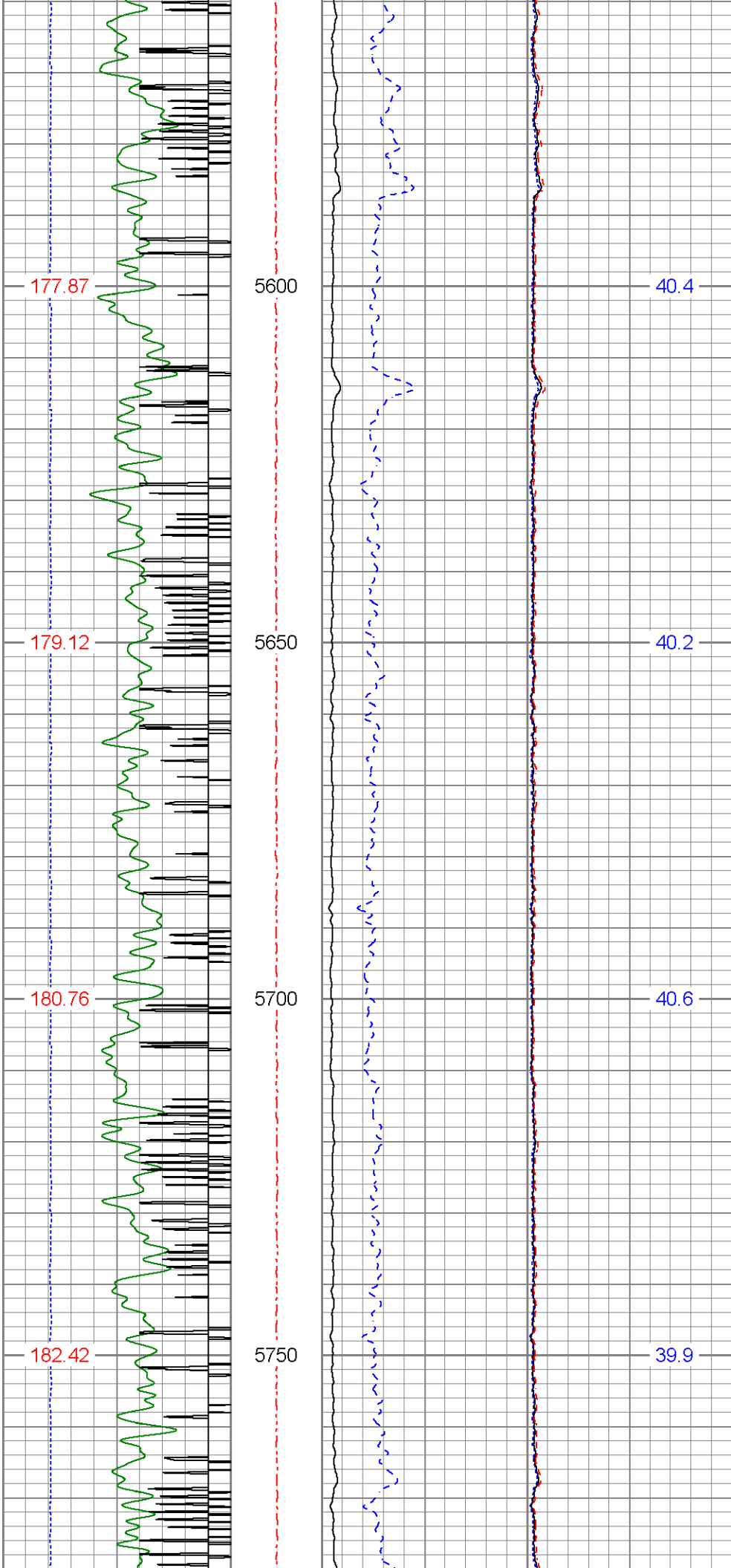


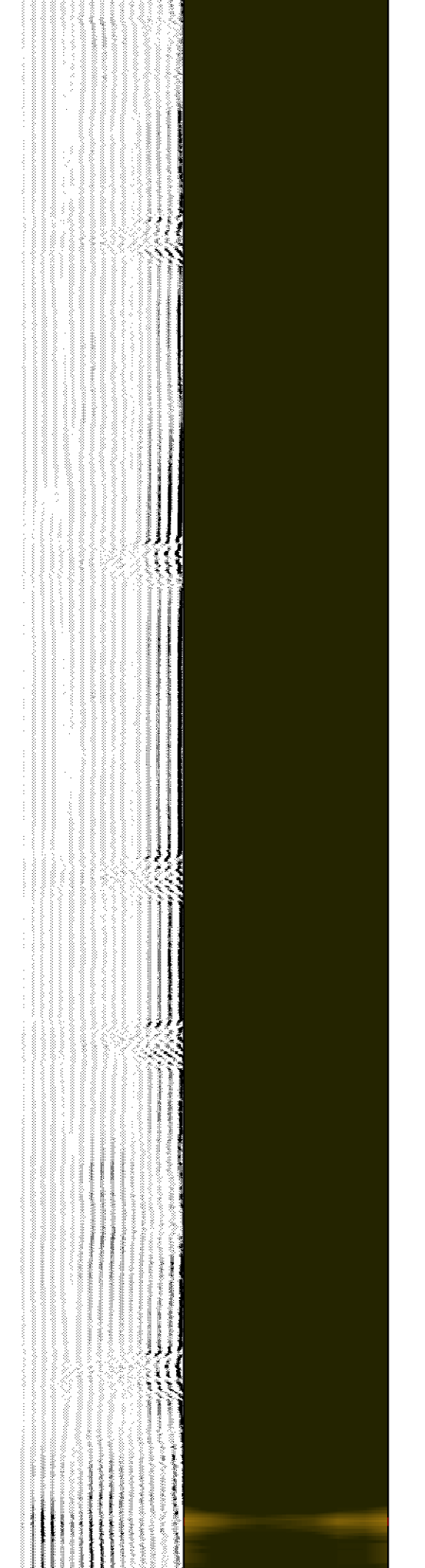
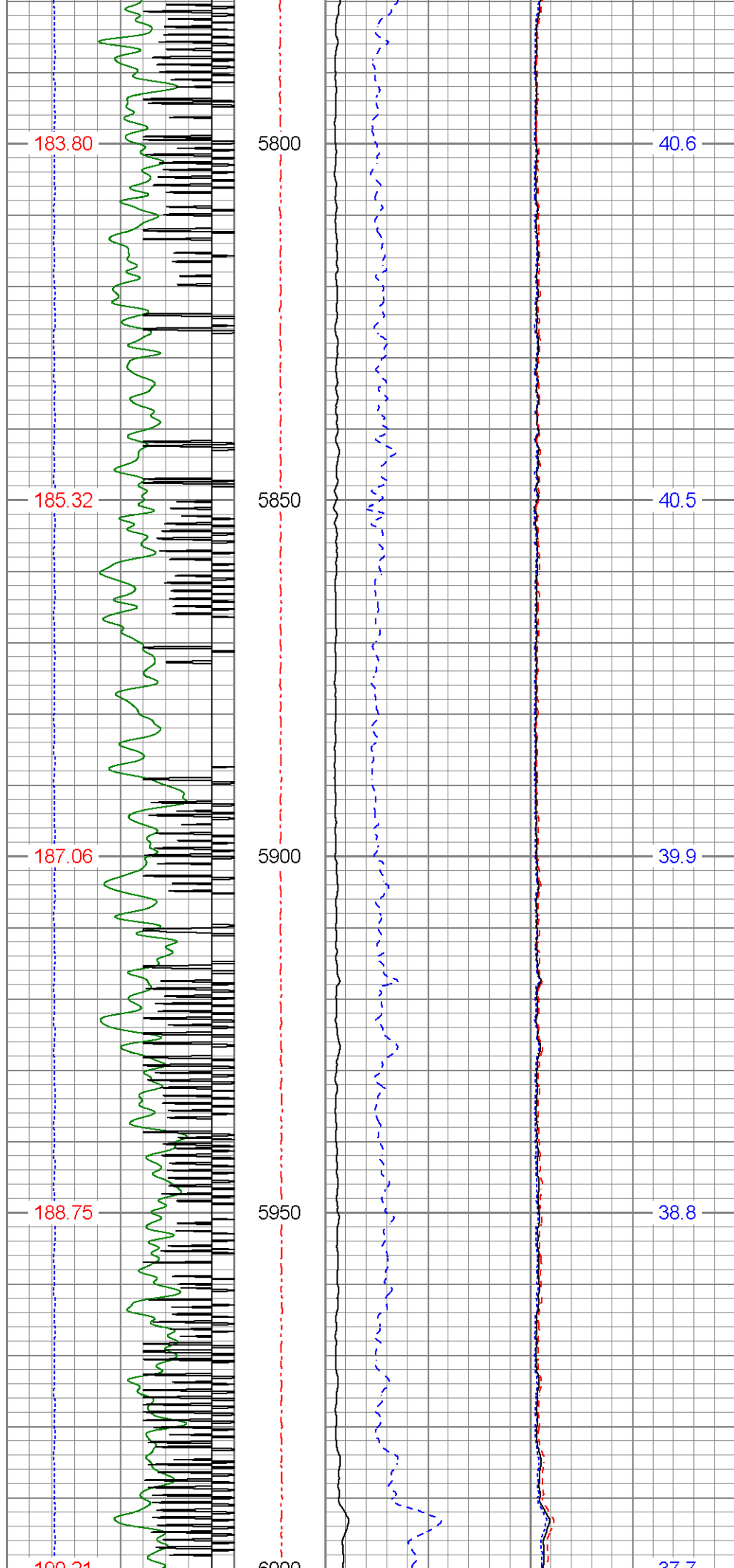


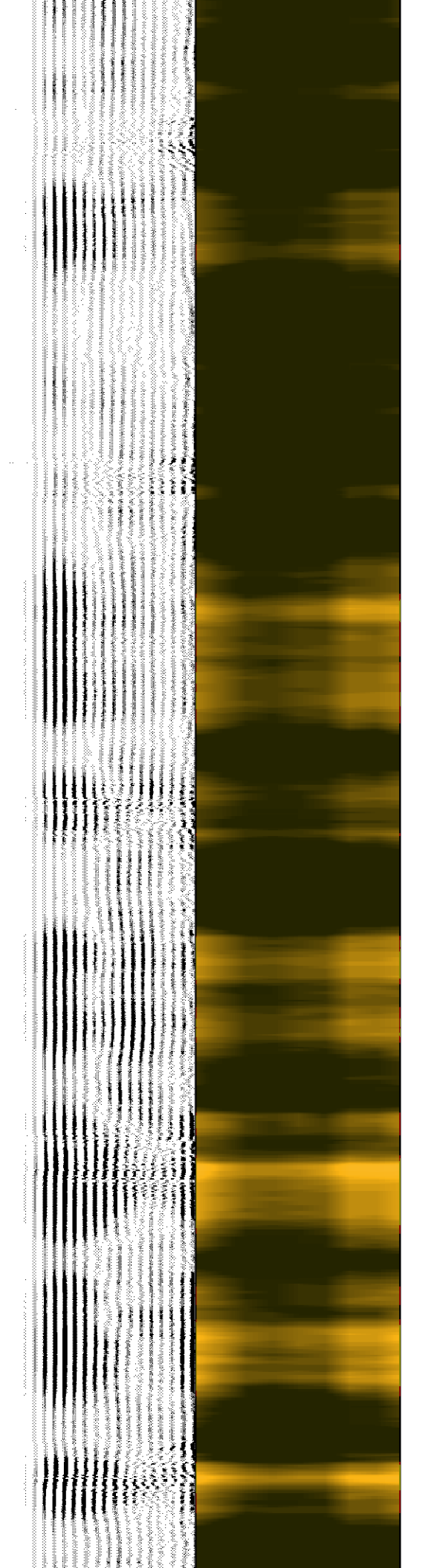
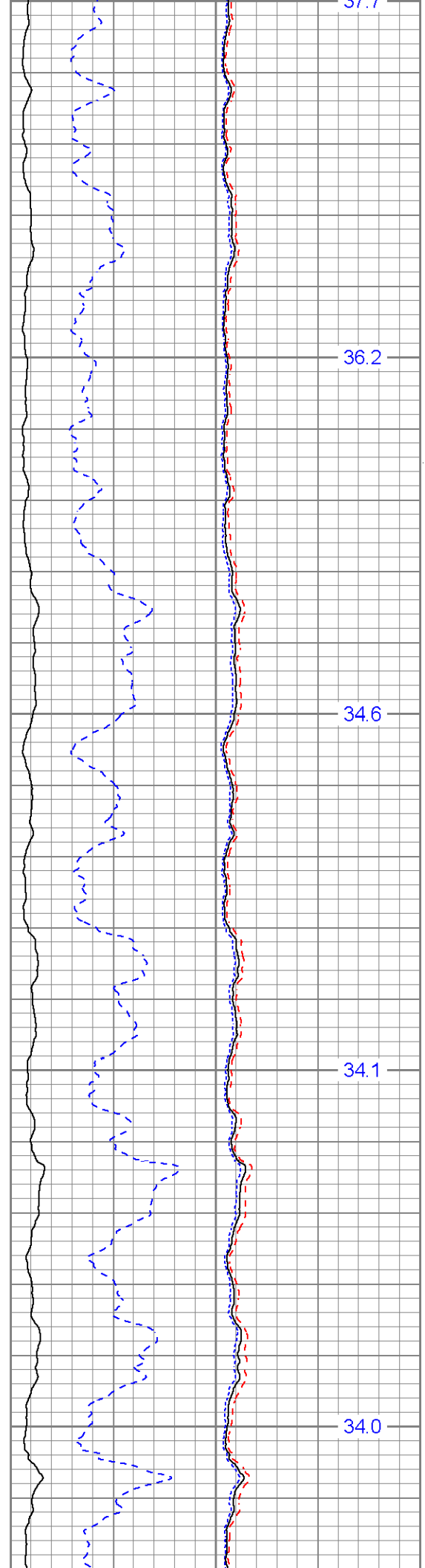
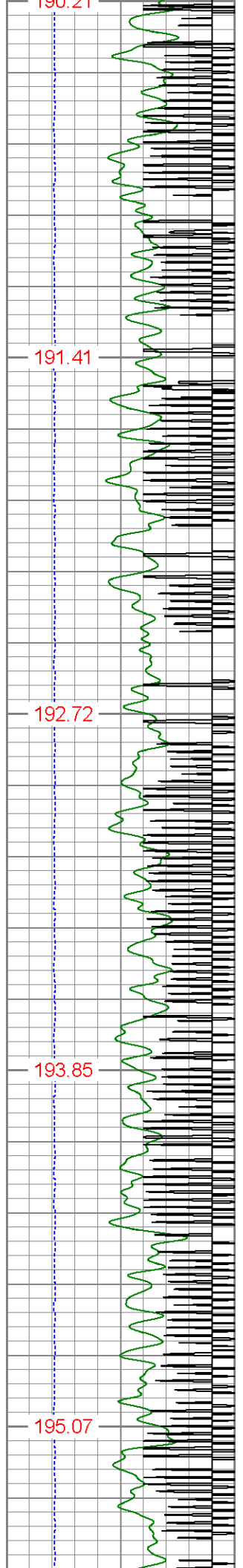


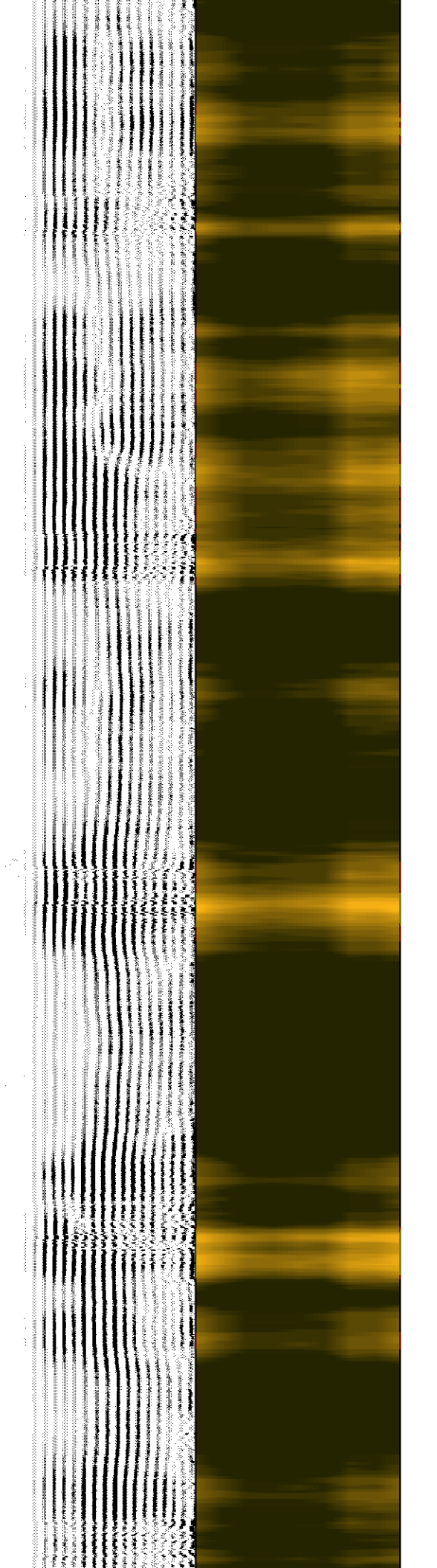
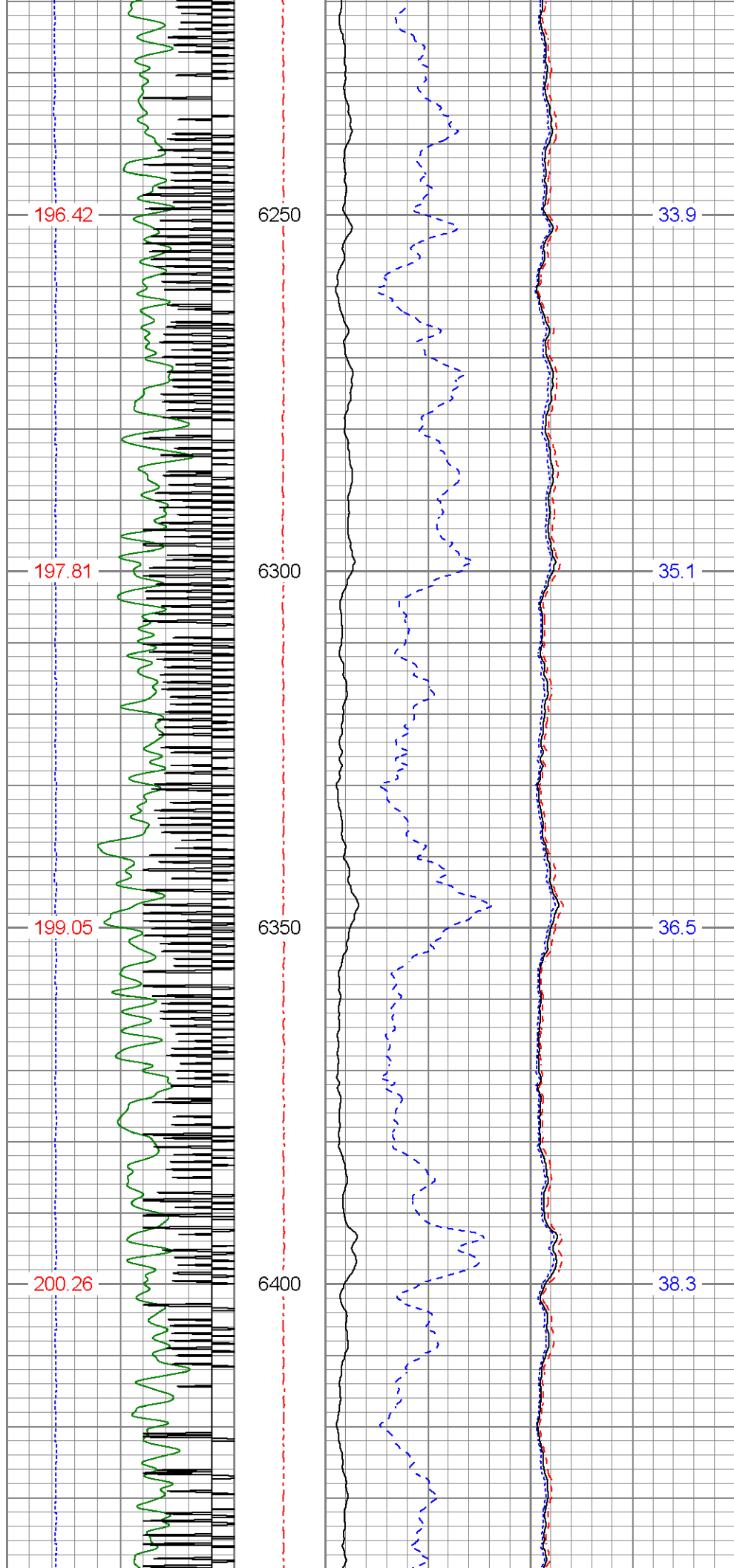


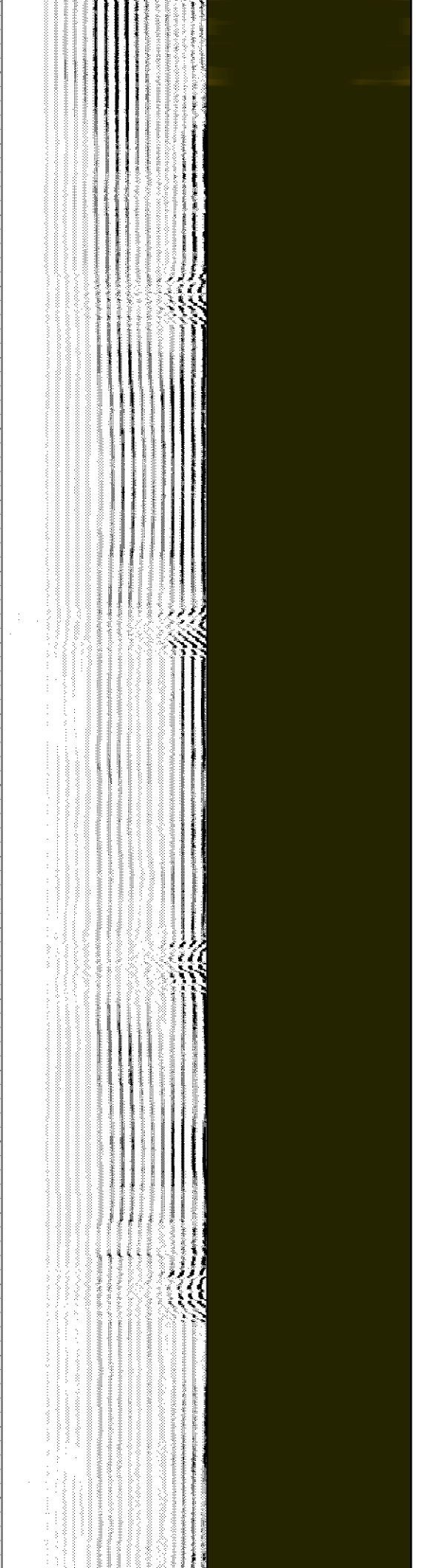
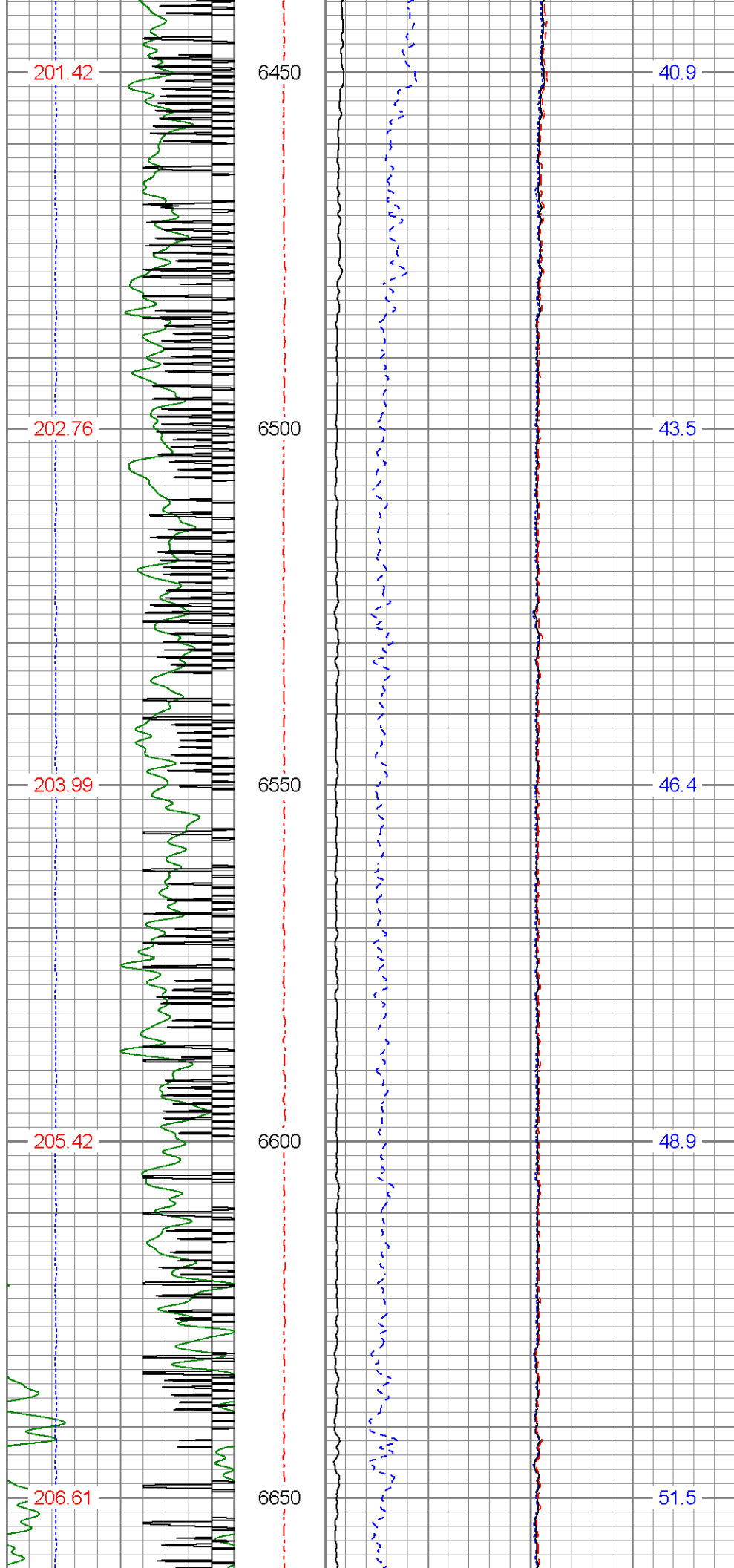


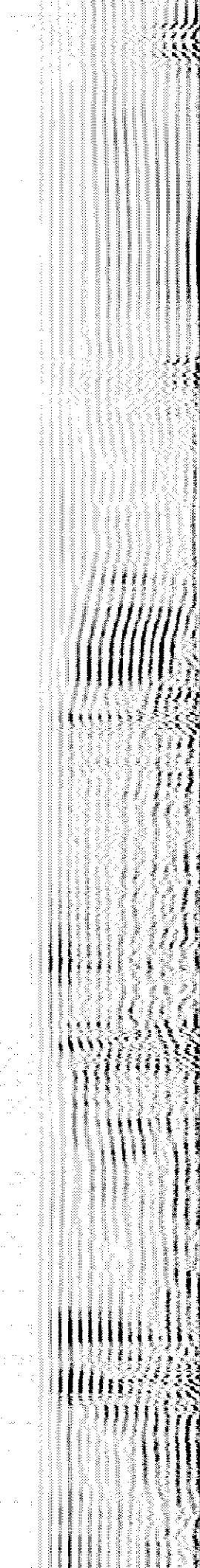
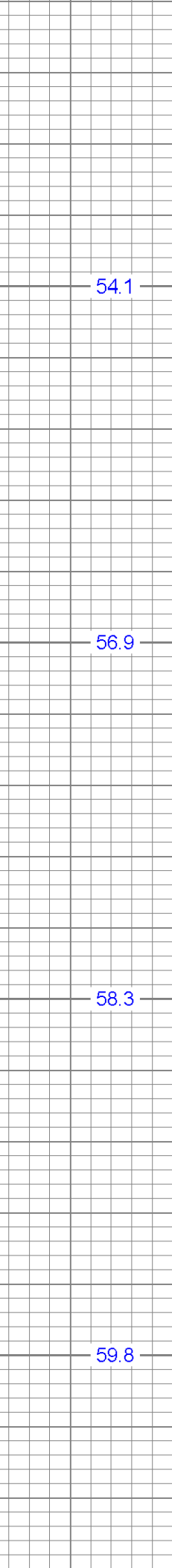
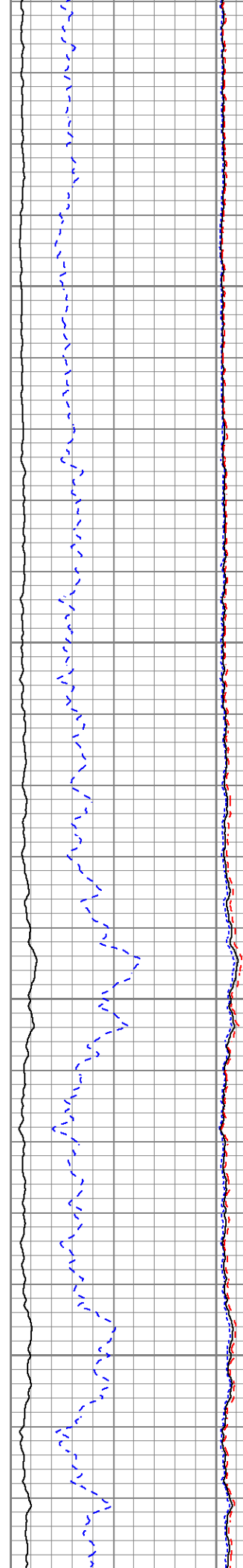
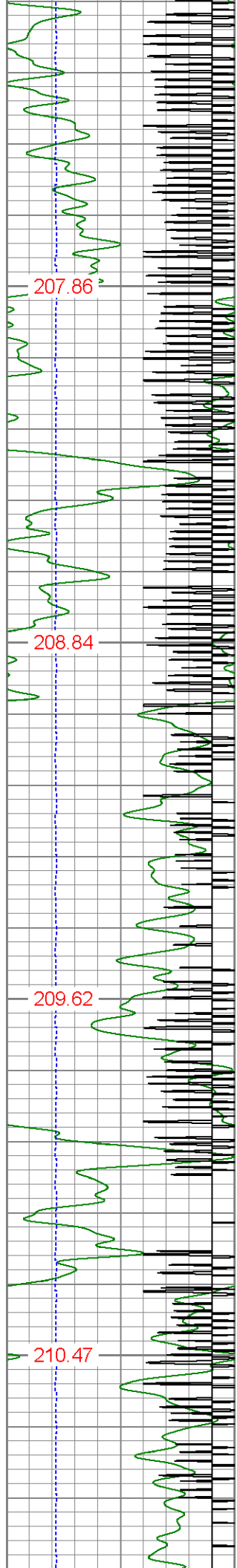


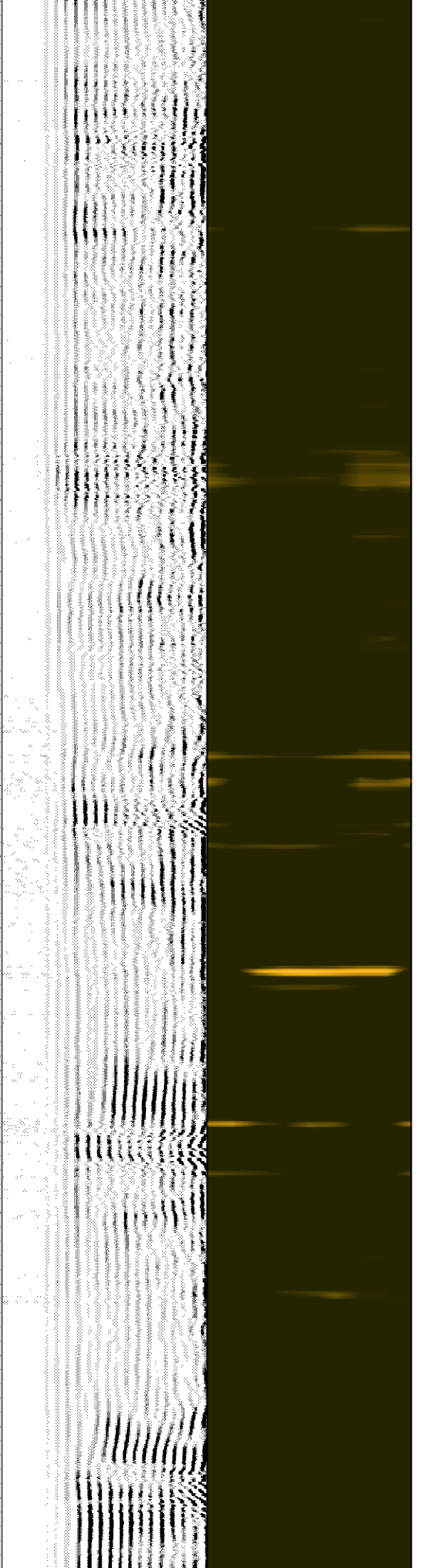
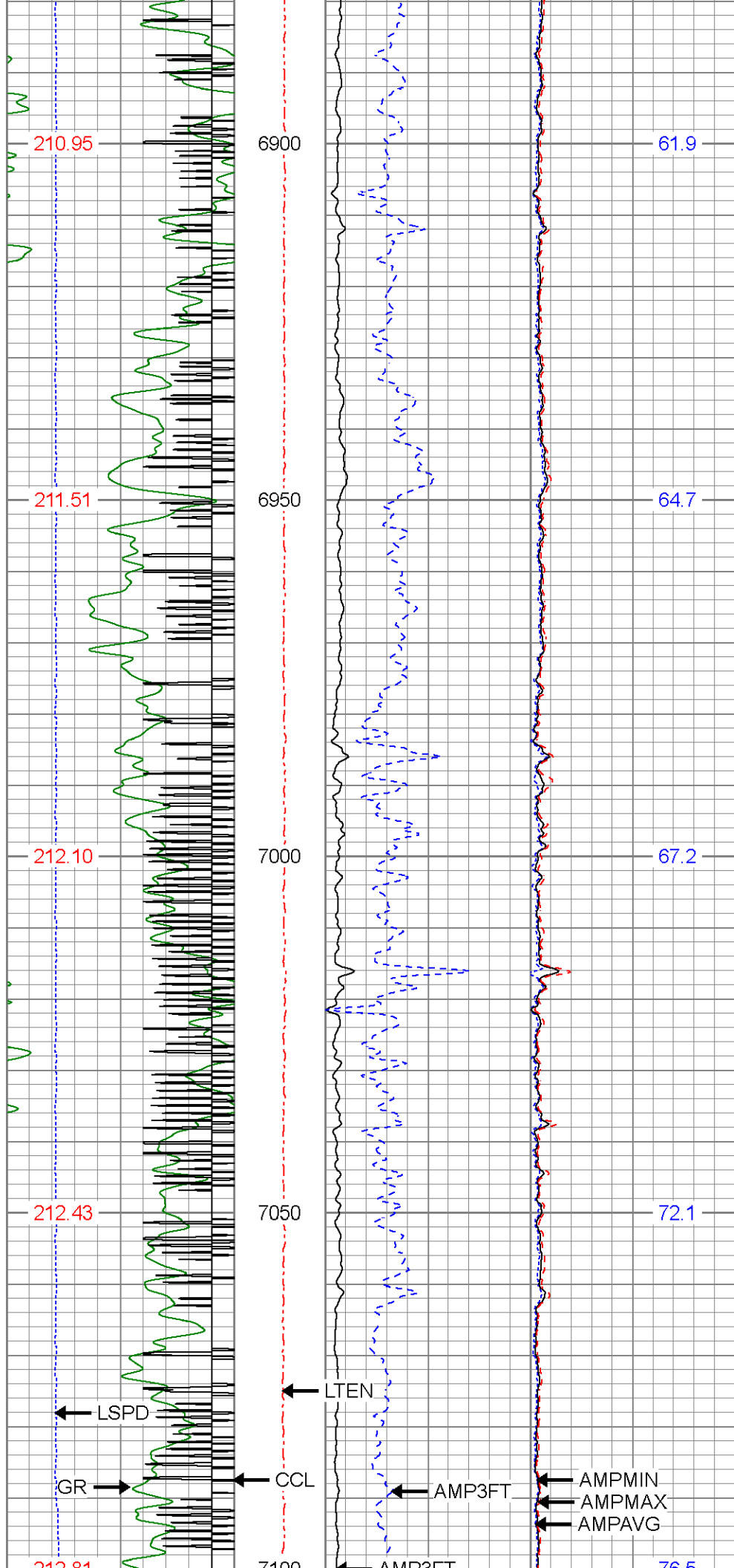


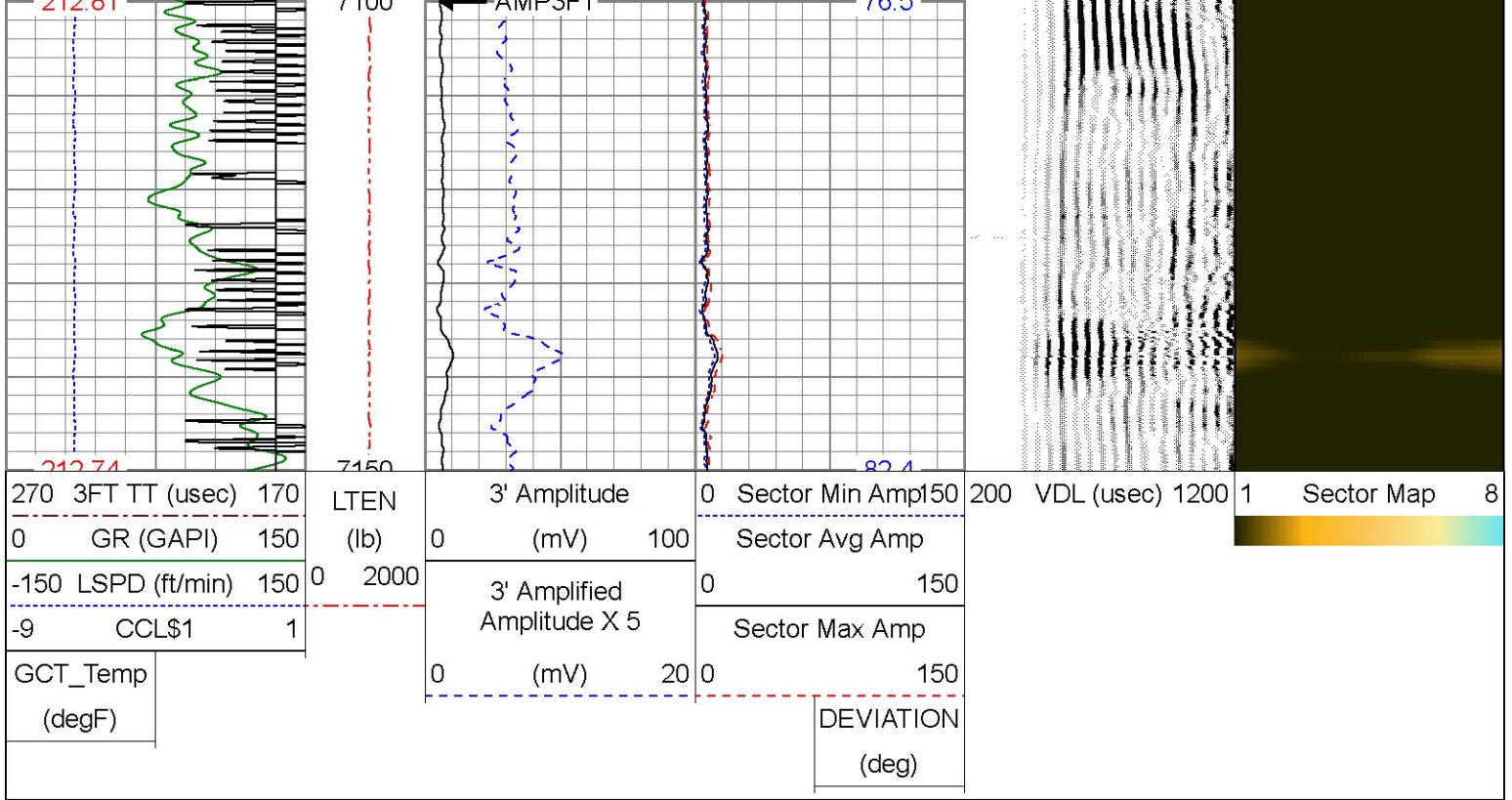








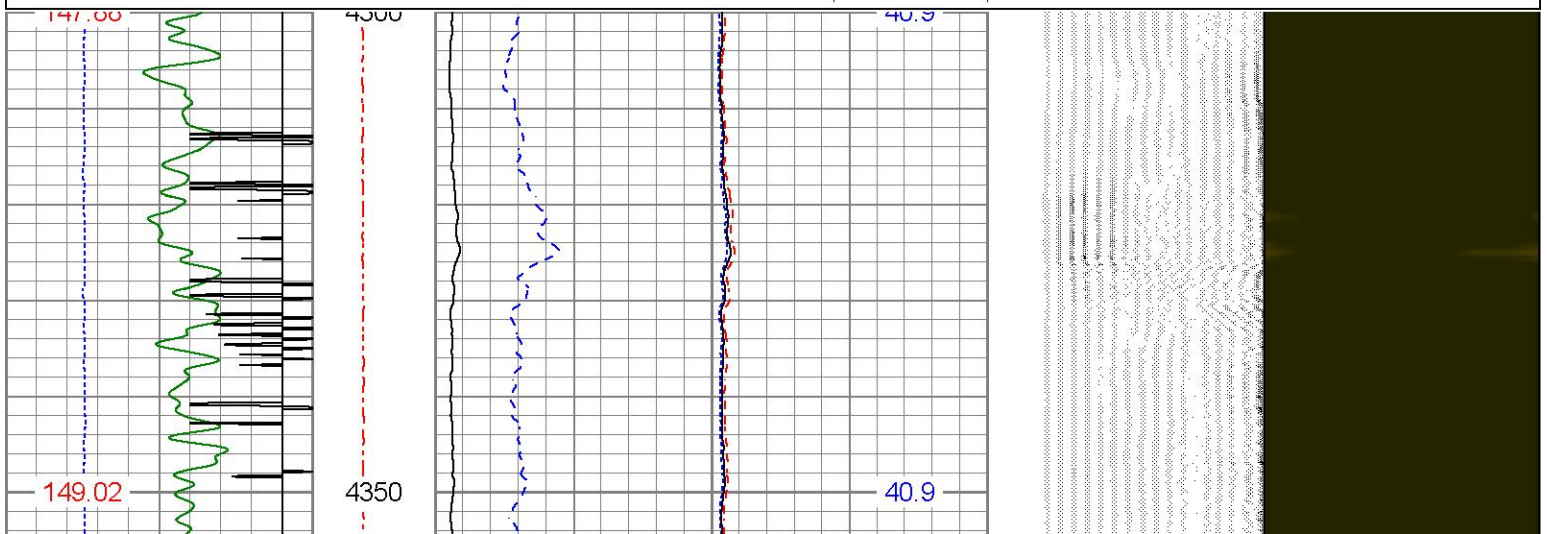
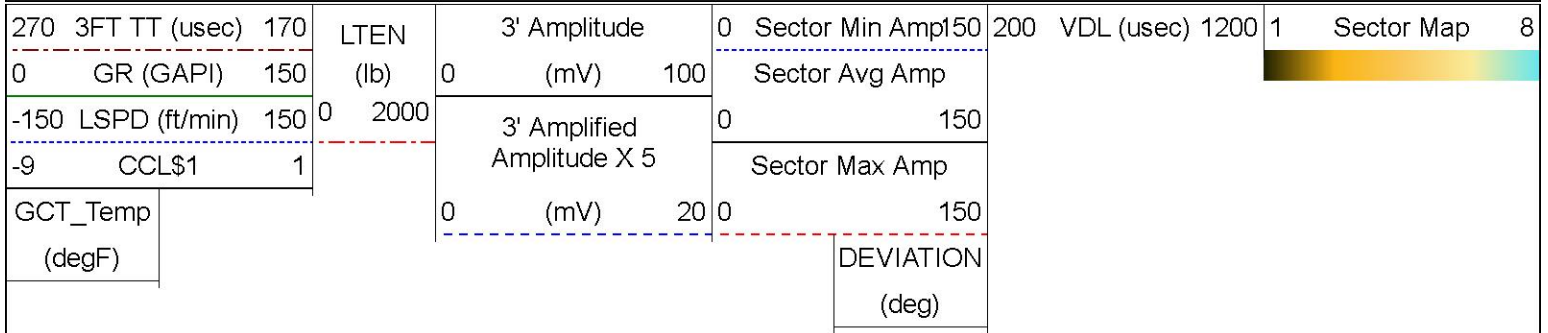


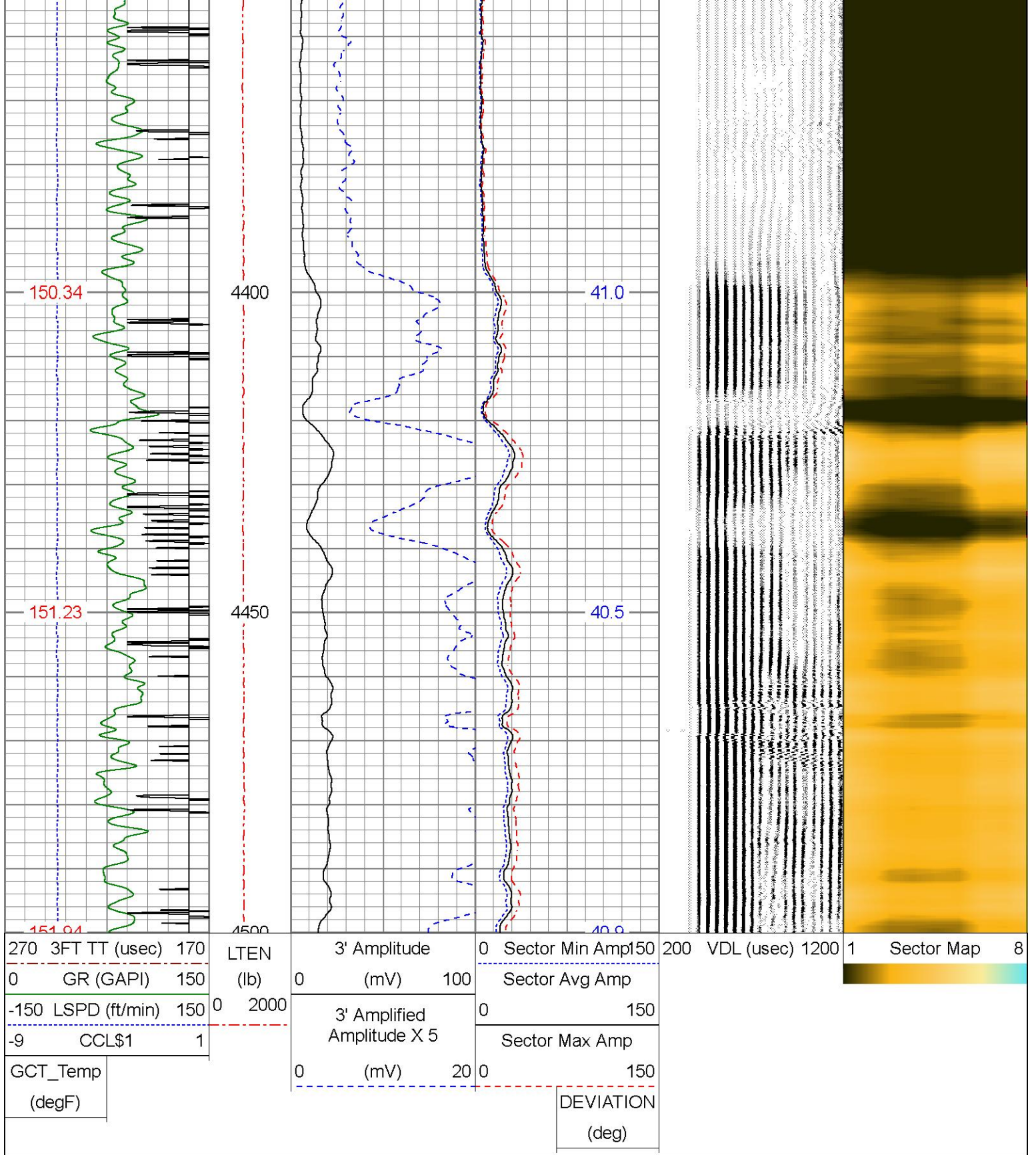


REPEAT PASS

ZERO PSI APPLIED AT SURFACE

Database File 105-698946_verdad_speed goat fed 3435-15h_0512352502_20240815_scbl-gr-ccl.db
 Dataset Pathname pass2
 Presentation Format res_scbl 8sec-gr-ccl
 Dataset Creation Thu Aug 15 07:26:18 2024
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File I05-698946_verdad_speed goat fed 3435-15h_0512352502_20240815_scbl-gr-ccl.db
 Dataset Pathname pass4
 Dataset Creation Thu Aug 15 07:38:17 2024

Gamma Ray Calibration Report

Serial Number: GCT275-0BP0_base
 Tool Model: GCT275-0BP0
 Performed: Wed Apr 24 14:34:11 2024

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Inclinometer Calibration Report

Performed:	Mon Jan 9 07:52:31 2023				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-956.00	943.00	-1.00	1.00	gee
Y Accelerometer	-965.00	910.00	-1.00	1.00	gee
Z Accelerometer	19.11	-882.49	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report

Serial Number:	RBT275C_Base		
Tool Model:	RADII-275C		
Calibration Casing Diameter:	5.500	in	
Calibration Depth:	0.008	ft	

Master Calibration, performed Thu Aug 15 07:12:24 2024:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.782	2.200	71.921	89.159	2.200
CAL	0.000	0.777				
5'	0.000	0.717	2.200	71.921	97.223	2.200
SUM						
S1	0.000	0.780	0.000	100.000	128.271	0.000
S2	0.000	0.788	0.000	100.000	126.961	0.000
S3	0.000	0.788	0.000	100.000	126.933	0.000
S4	0.000	0.774	0.000	100.000	129.185	0.000
S5	0.000	0.778	0.000	100.000	128.478	0.000
S6	0.000	0.777	0.000	100.000	128.732	0.000
S7	0.000	0.790	0.000	100.000	126.660	0.000
S8	0.000	0.796	0.000	100.000	125.646	0.000

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	0.777	1.000	0.000

Air Zero Calibration, performed Thu Aug 15 07:08:58 2024:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero			Offset
3'	0.000		0.000			0.000

S	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Inclinometer Calibration Report

Performed:	Mon Jan 9 07:52:41 2023				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-918.00	908.00	-1.00	1.00	gee
Y Accelerometer	-941.00	887.00	-1.00	1.00	gee
Z Accelerometer	1.35	894.18	0.00	1.00	gee



Company	VERDAD RESOURCES LLC.
Well	SPEED GOAT FED 3435-15H
Field	WELD COUNTY
County	WELD
State	COLORADO