

Potassium										
Environmental data										
GR										
Mud weight	ppg	8.5								
Bit size	in.	9.875								
Resistivity										
Neutron porosity										
Hole Size	in.	9.875								
Mud weight	ppg	8.5								
Temperature	°C									
Mud salinity										
Formation salinity										
Recording rate 1	SEC	GR/Res/10								
Recording rate 2	SEC	Neu/Den/10								
Filtering GR		3 points								
Filtering density		3 points								
Filtering Neutron		3 points								
Company representative	D. Goldberg	S. Saito								
Anadrill personnel	N. Thaiprasert	G. Ong								

DISCLAIMER

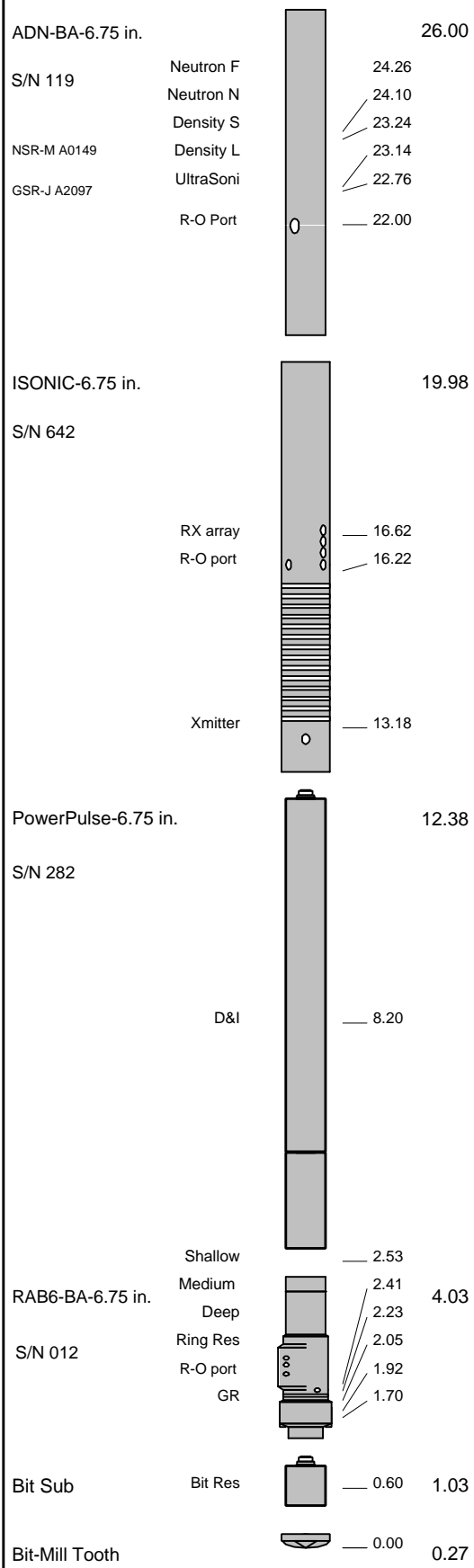
THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

OTHER SERVICES FOR RUN 1	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
REMARKS: RUN NUMBER 1 Depth reference is Driller's depth. Sensor offsets and tools' serial number are described on the toolsketch below. Gamma Ray measurement is corrected for mud weight and bit size. RING_resistivity measurement are environmentally corrected. BIT_resistivity is good for qualitative interpretation only. Neutron Porosity is environmentally corrected for mud salinity, matrix density, temperature, bit size and tool size. Maximum bottom hole temperature was 65.88°C. Total depth was 5744 m.	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER

EQUIPMENT DESCRIPTION

RUN1	RUN	RUN

DOWNHOLE EQUIPMENT



MAXIMUM STRING DIAMETER 9.875 in.

ALL LENGTHS IN METERS

Input DLIS Files

RAB .005

FN:4

27-May-2001 23:18

15283.5 FT

18846.2 FT

IDEAL Version: ID6_1C_08

IDF

Format: RAB ADN

Vertical Scale: 1:200

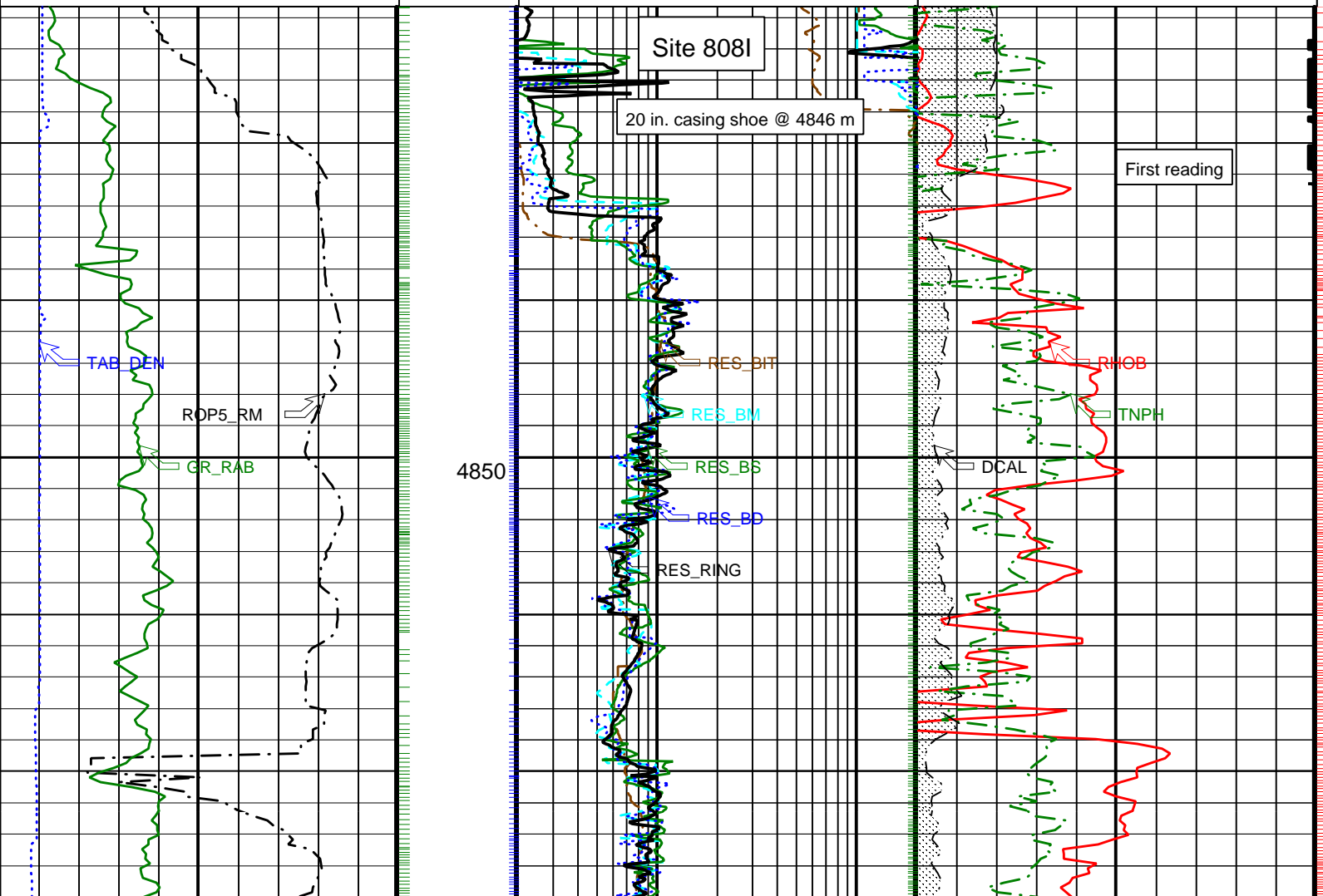
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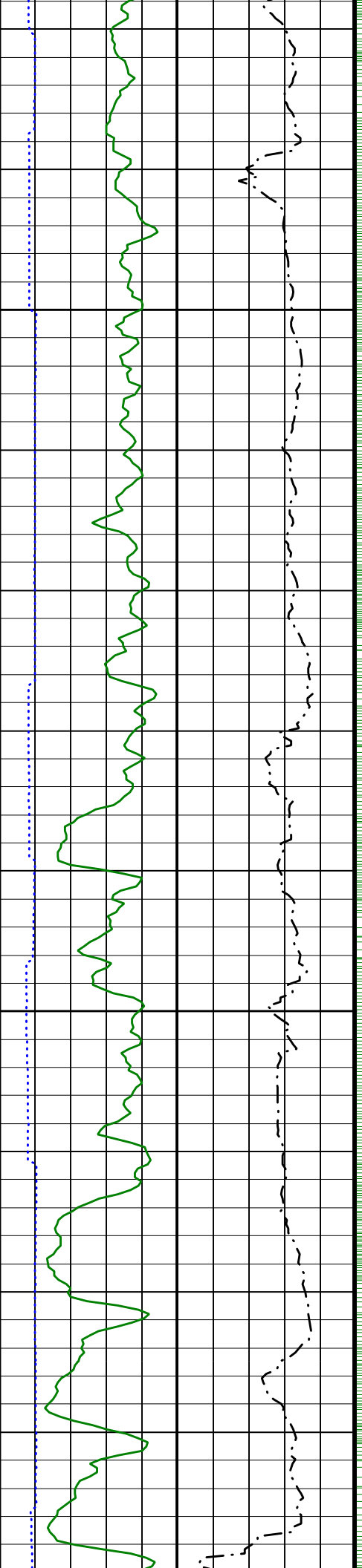
PIP SUMMARY

Density Ticks, 0.1-ft

- + Gamma Ray Samples
- + Neutron Ticks, 0.1-ft
- + RAB samples

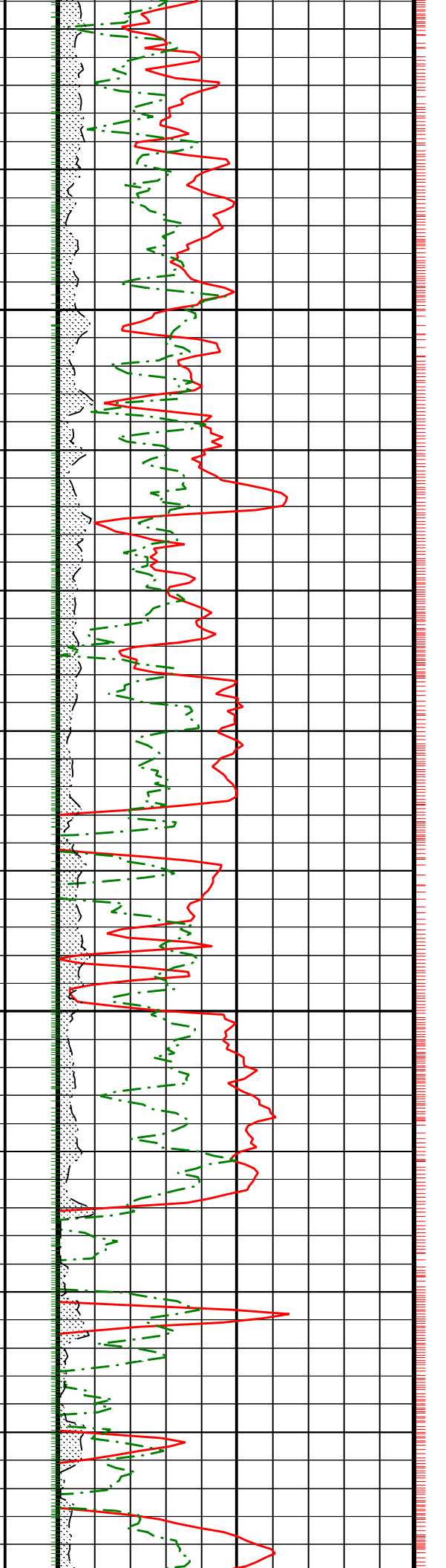
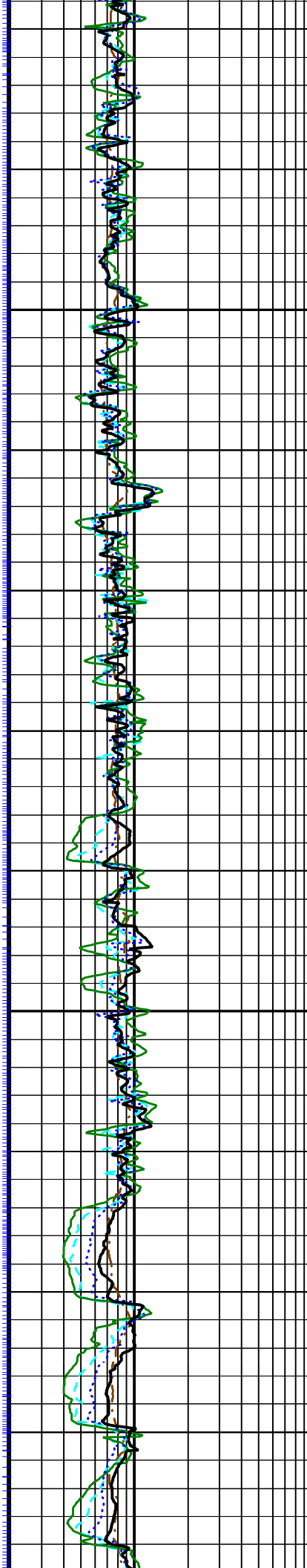
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	Bit Resistivity, Real-Time (RES_BIT_RT) 0.2 (OHMM) 20	
	Deep Button Resistivity (RES_BD) 0.2 (OHMM) 20	
Rate of Penetration, Averaged over Last 5ft (ROP5_RM) 200 (M/HR) 0	Shallow Button Resistivity (RES_BS) 0.2 (OHMM) 20	Differential Caliper (DCAL) 0 (IN) 20
RAB Gamma Ray (GR_RAB) 0 (GAPI) 150	Medium Button Resistivity (RES_BM) 0.2 (OHMM) 20	Thermal Neutron Porosity (TNPH) 75 (PU) 15
Density Time After Bit (TAB_DEN) 0 (HR) 10	Bit Resistivity (RES_BIT) 0.2 (OHMM) 20	Bulk Density (RHOB) 1.4 (G/C3) 2.4

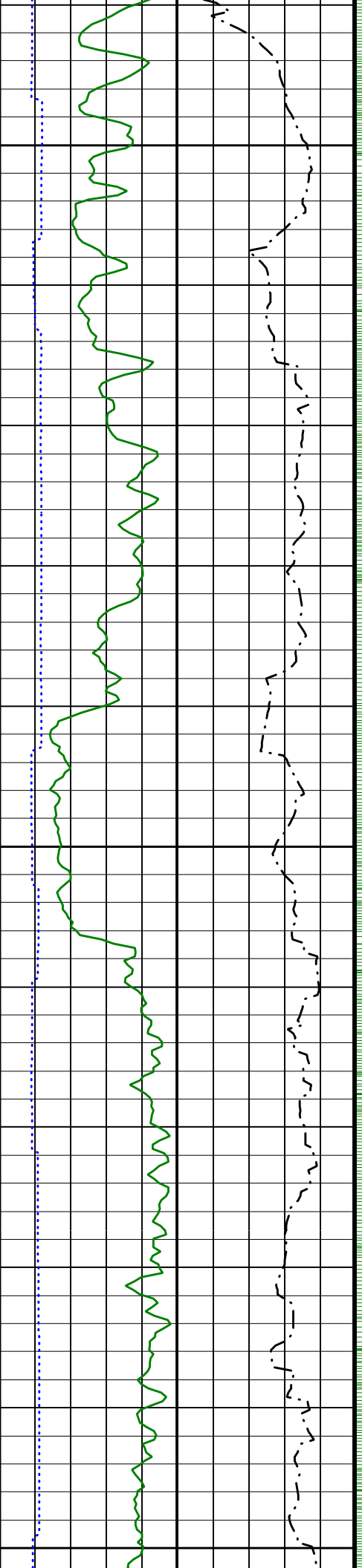




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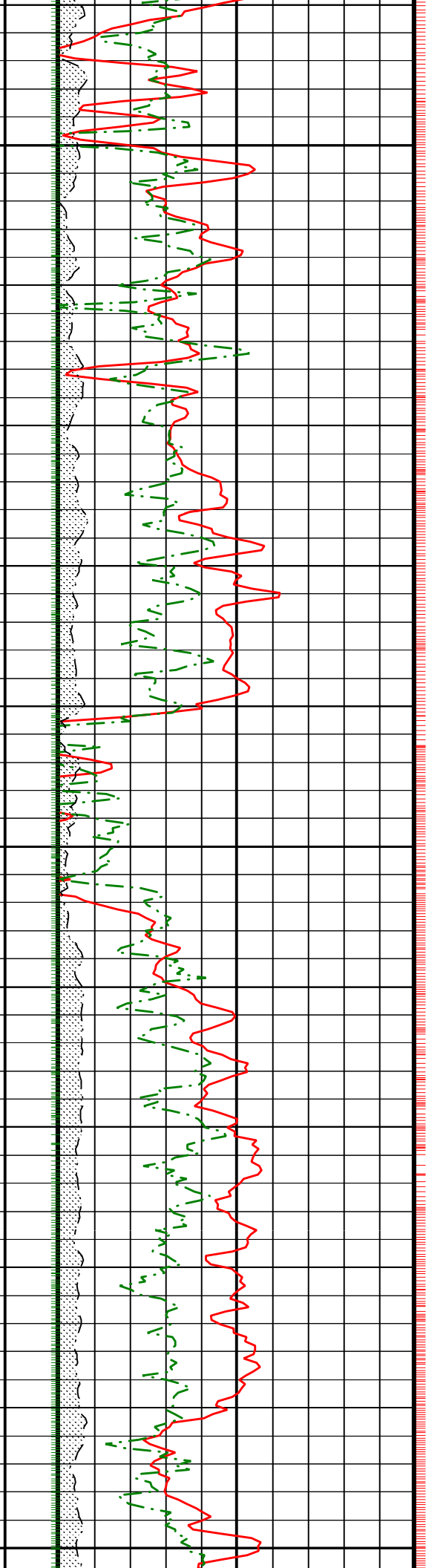
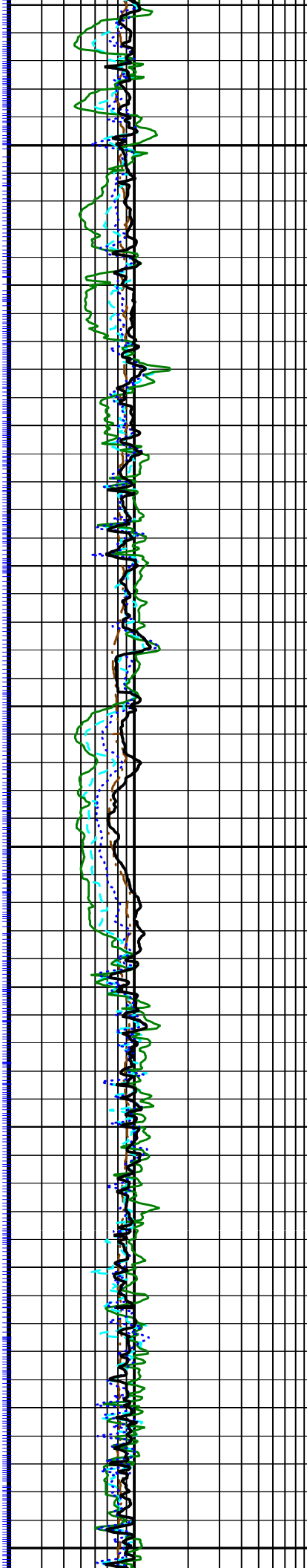


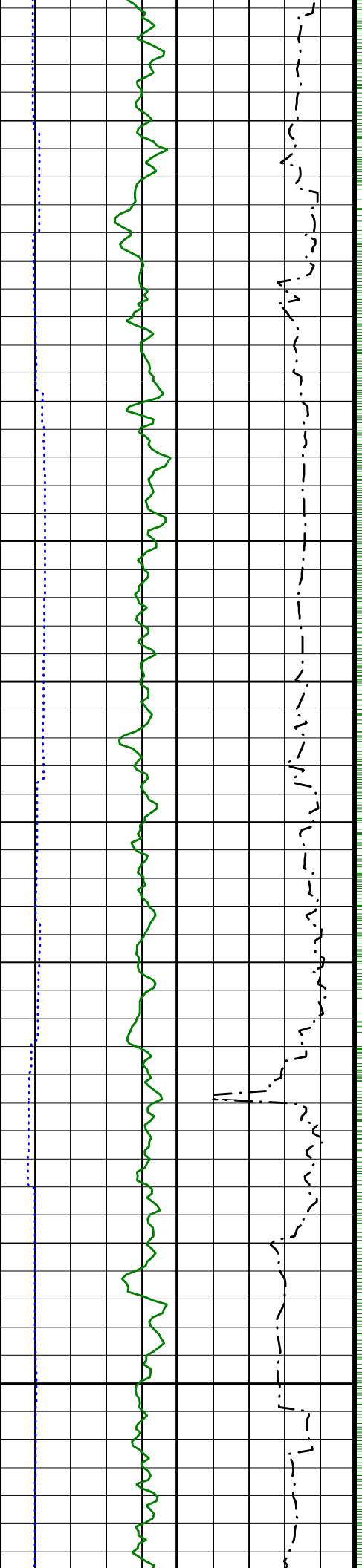


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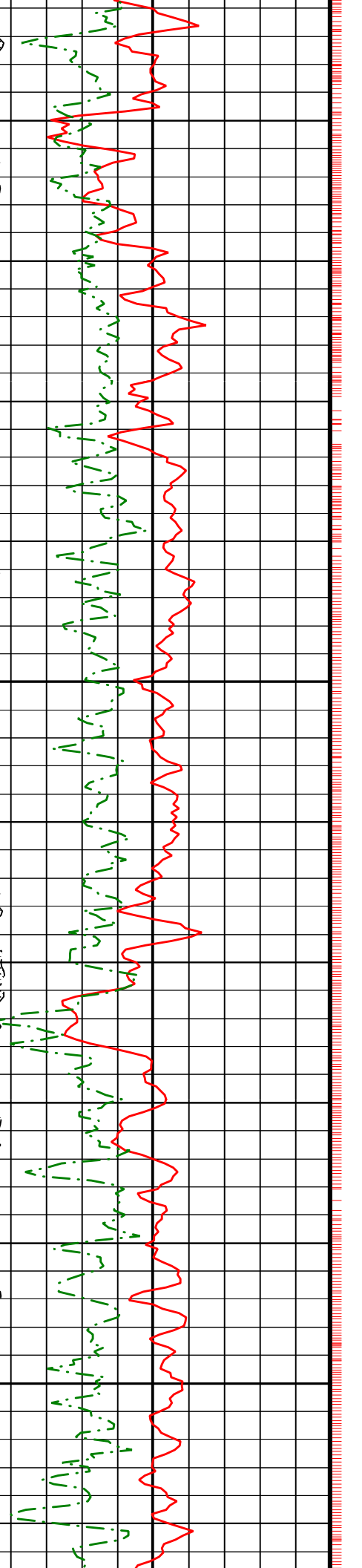
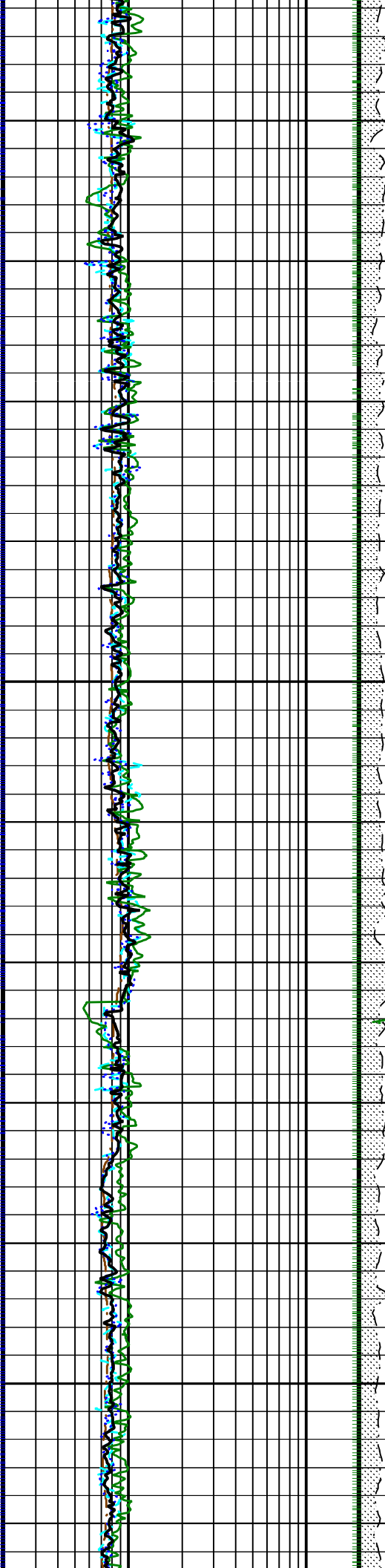
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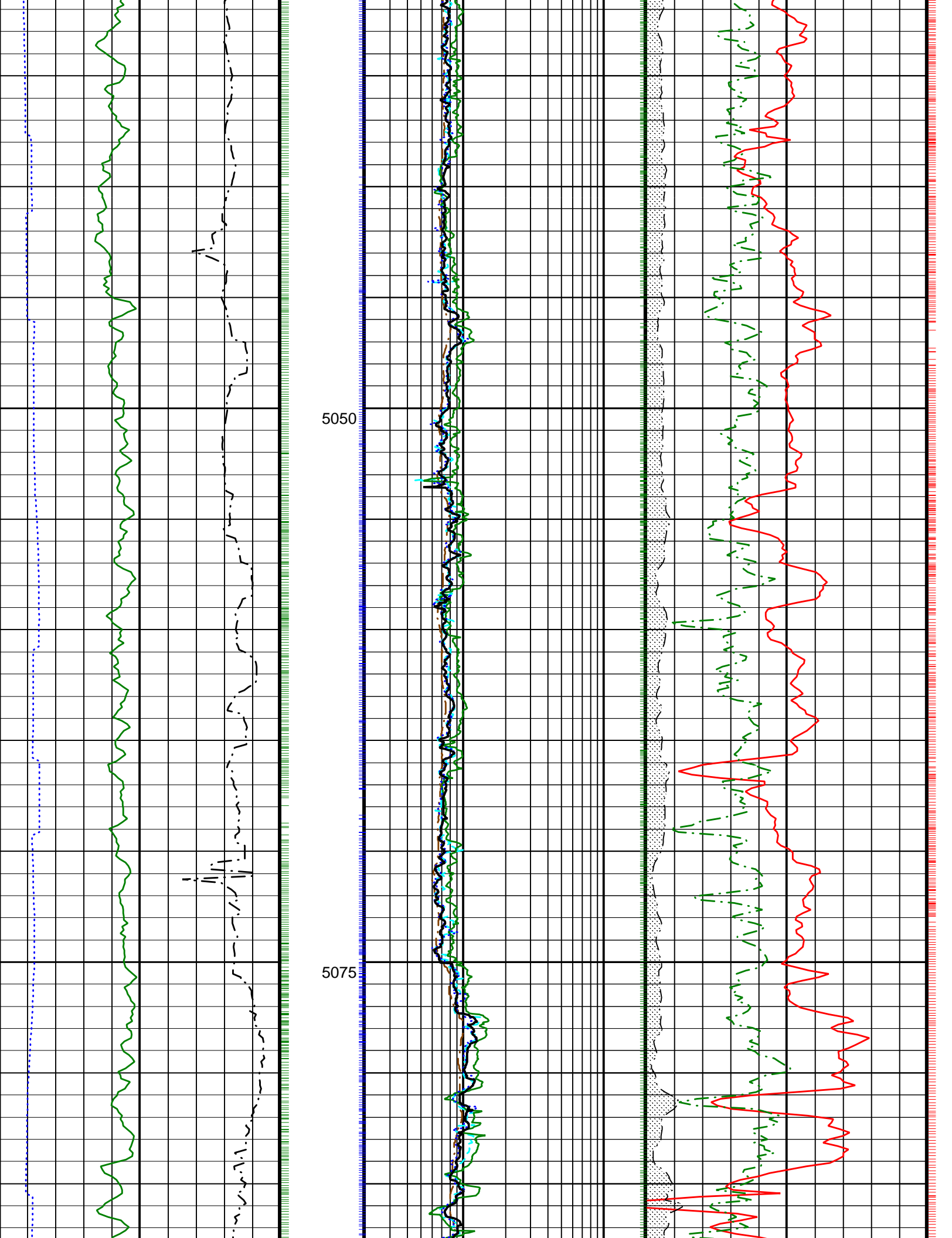


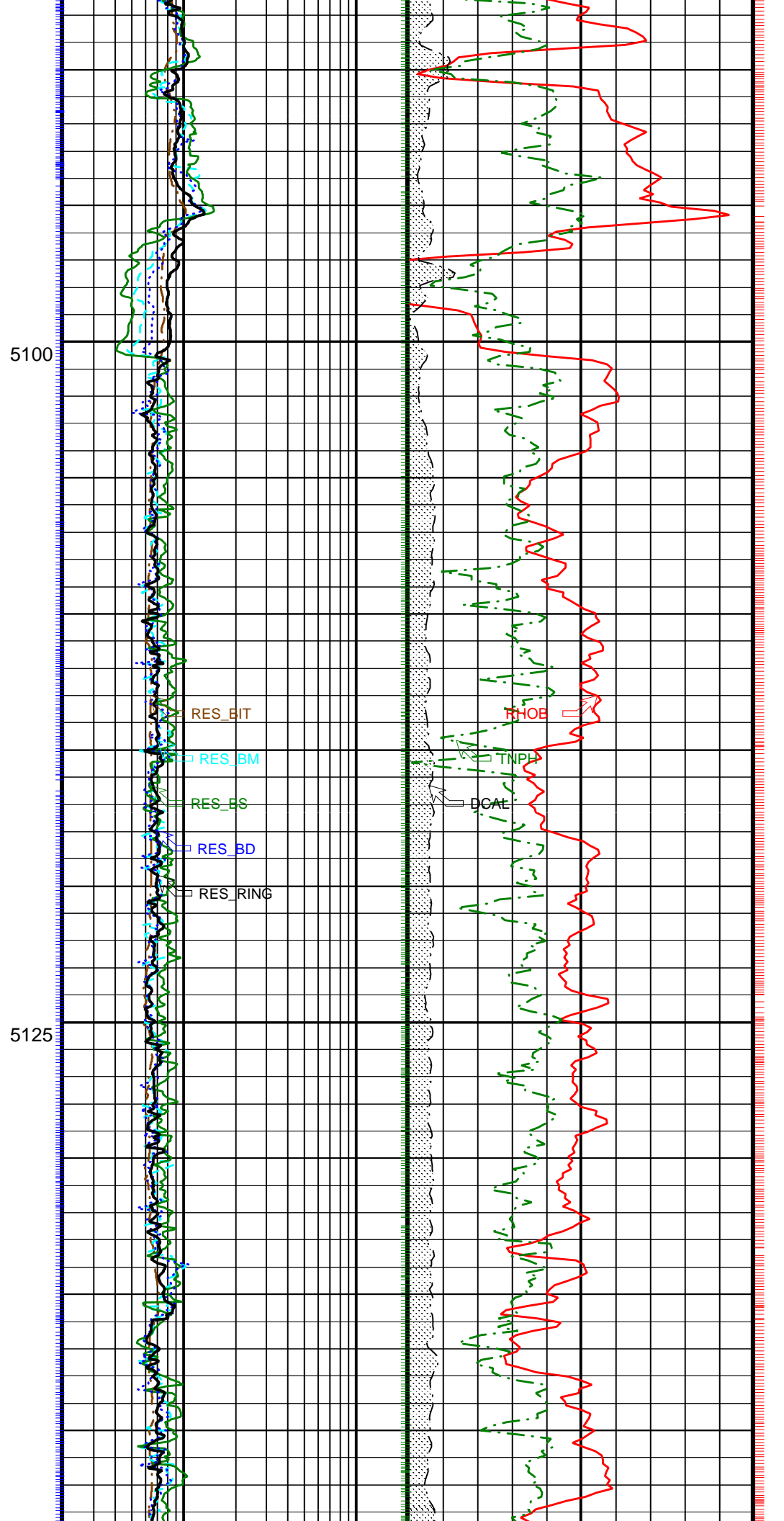
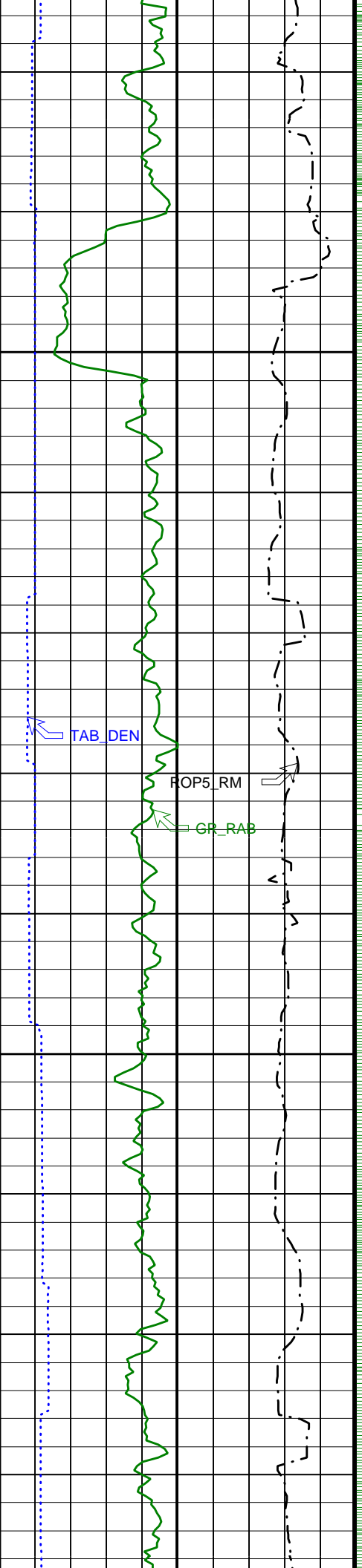


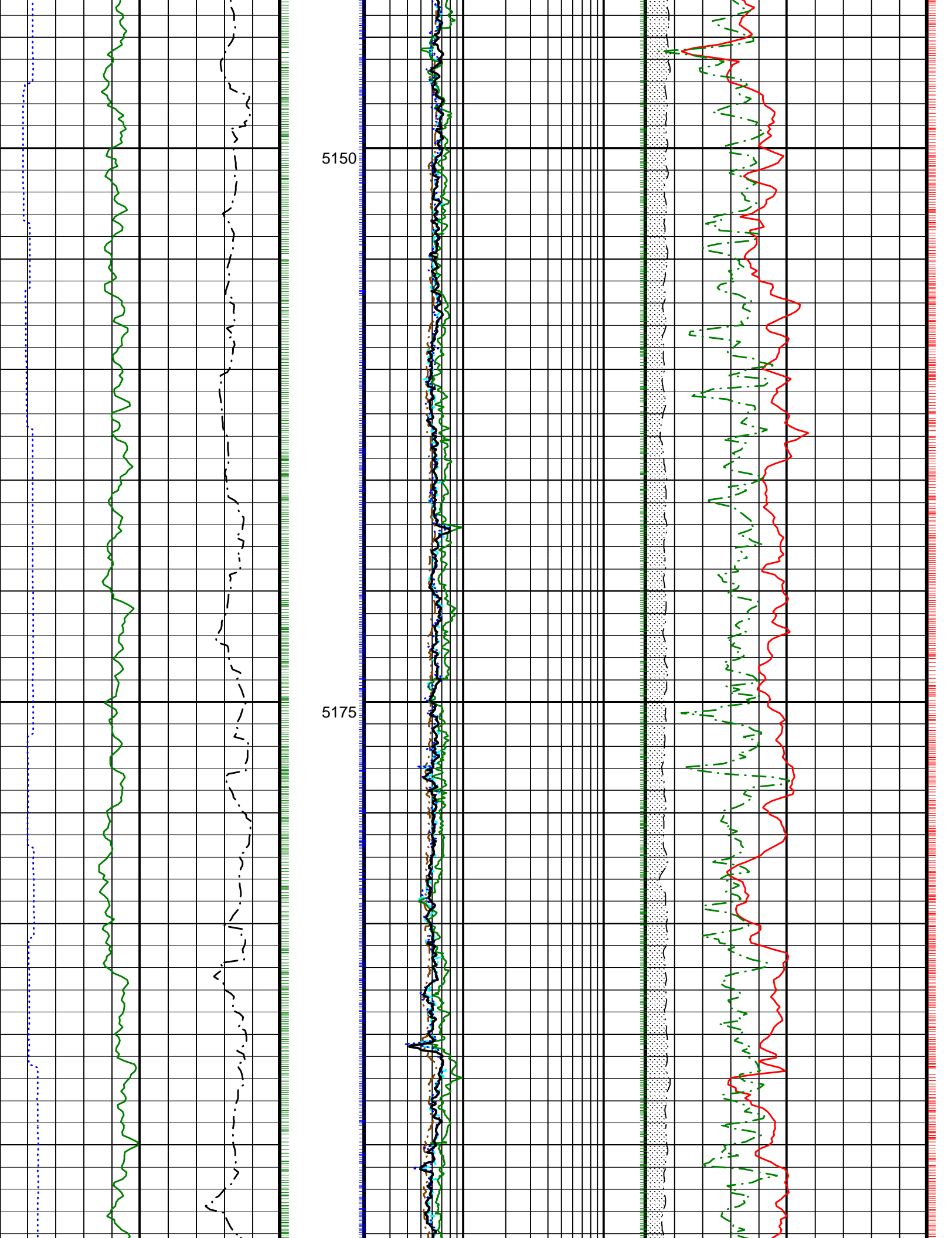
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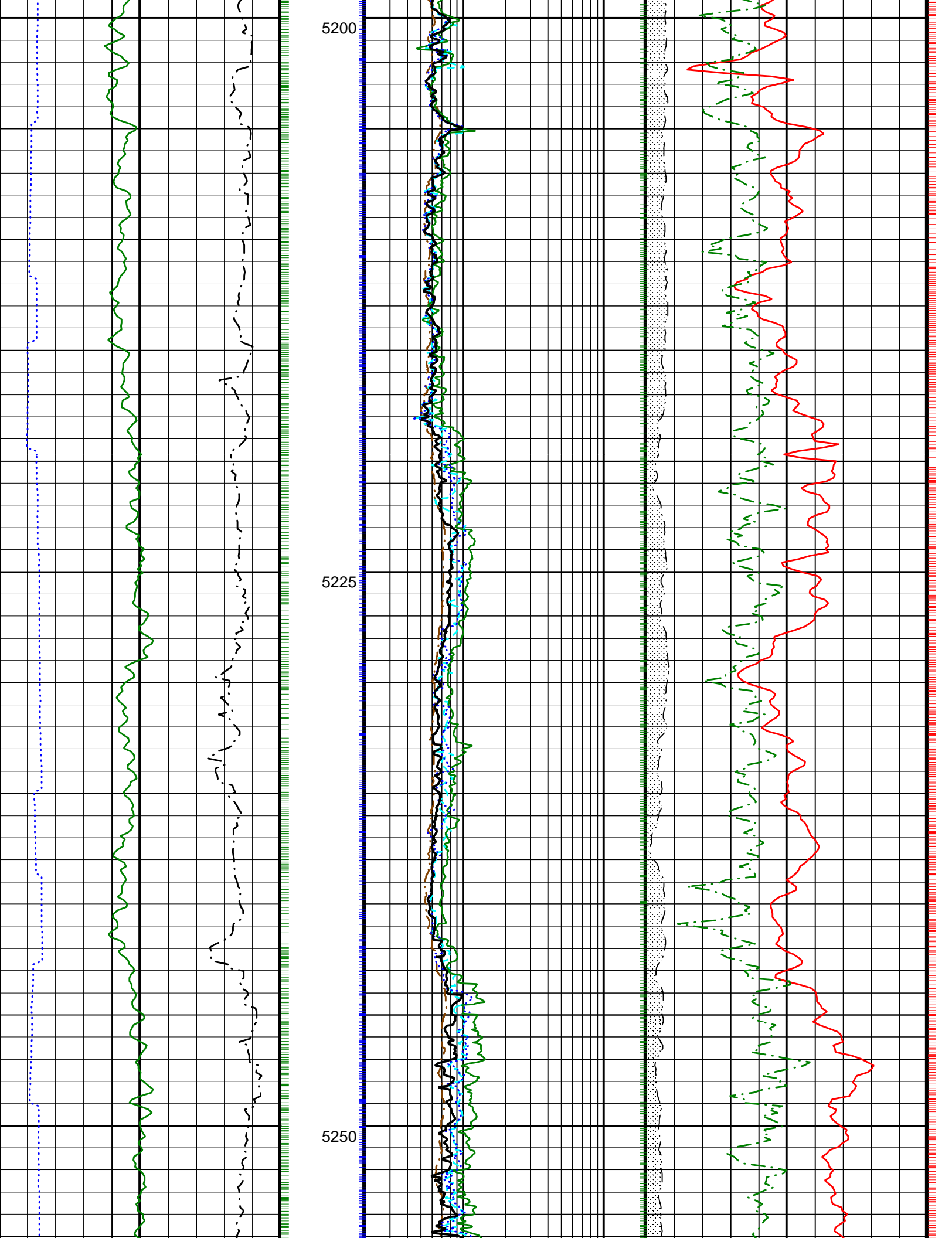
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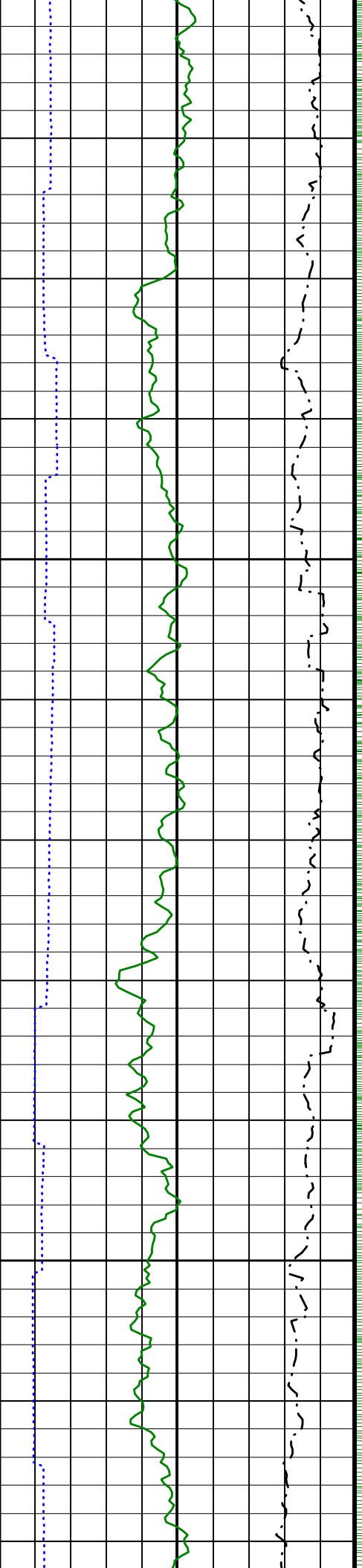






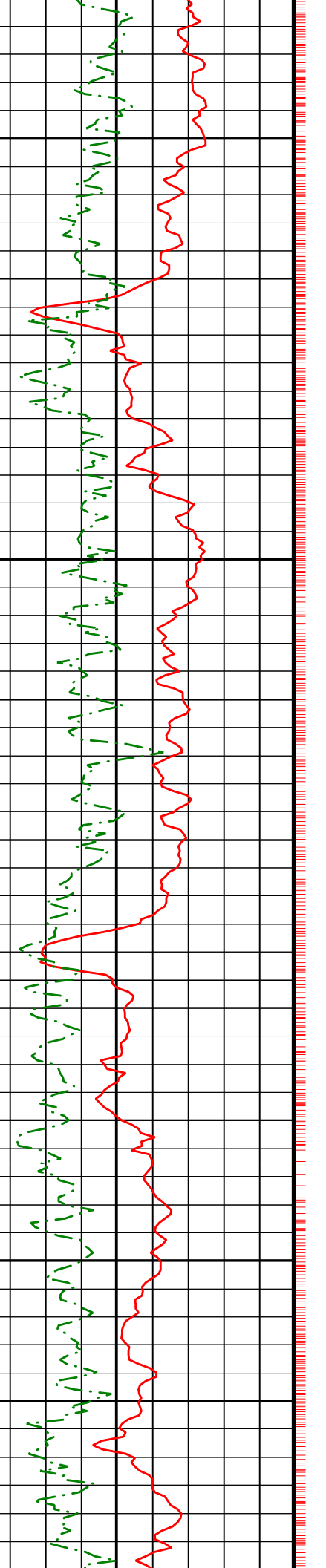
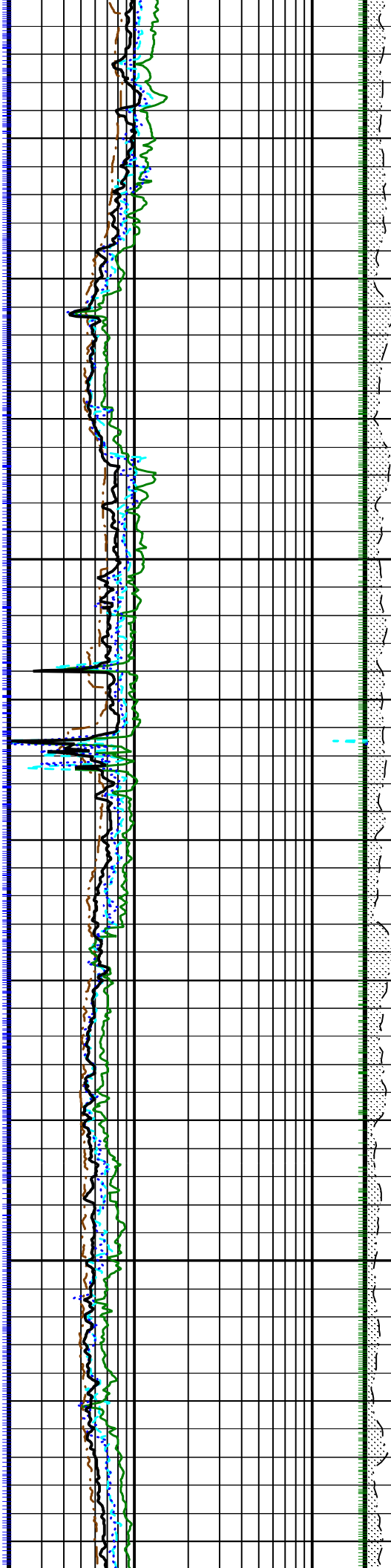


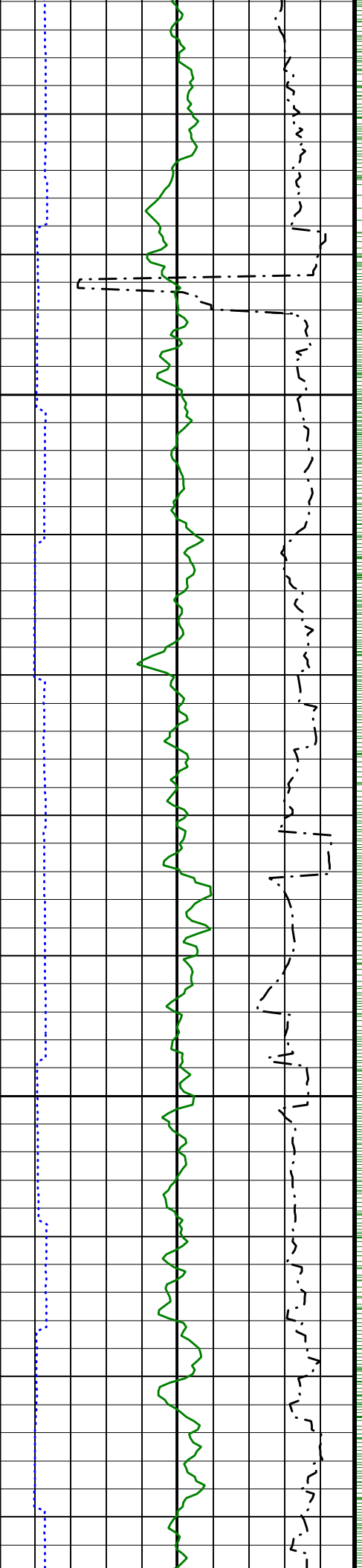




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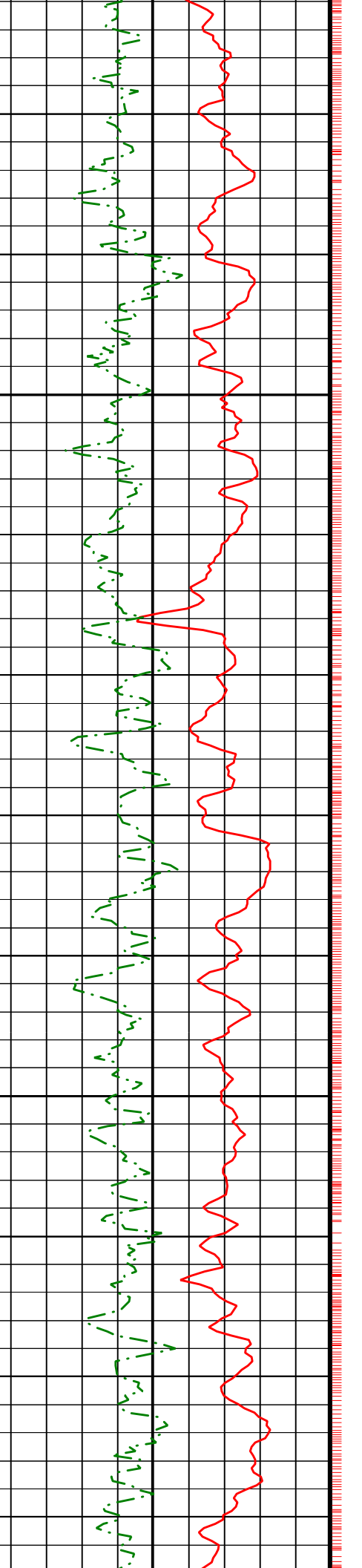
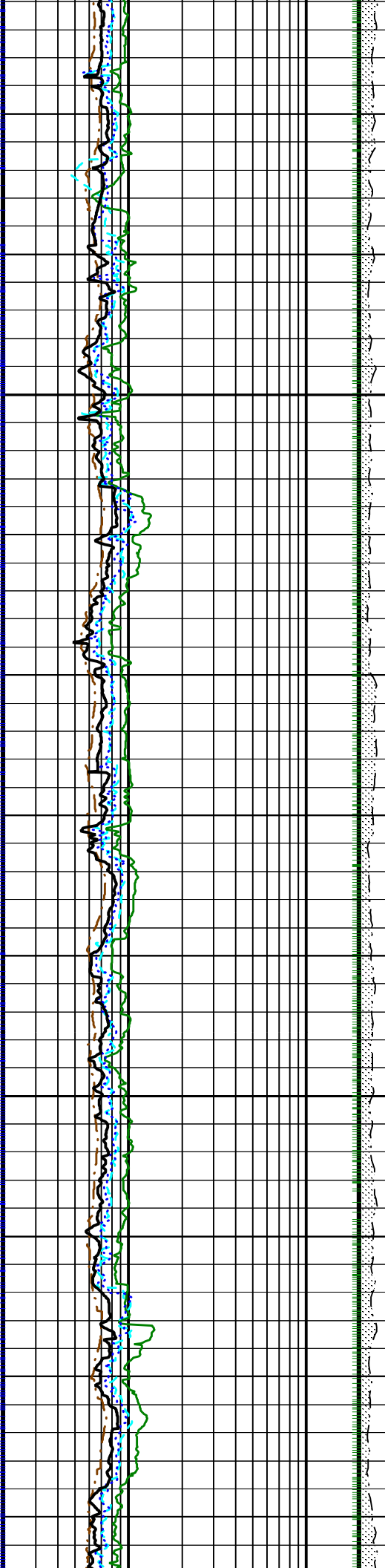
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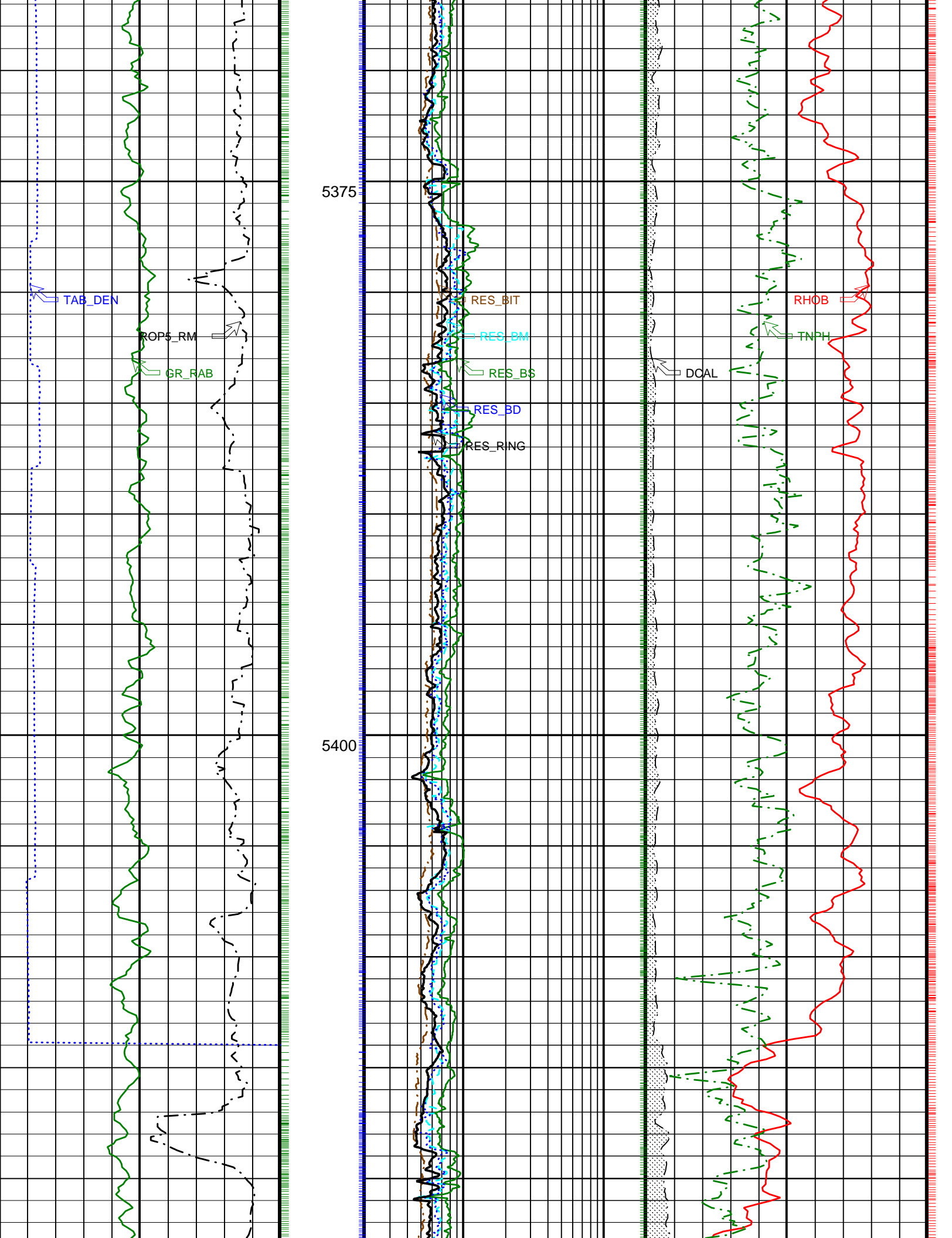


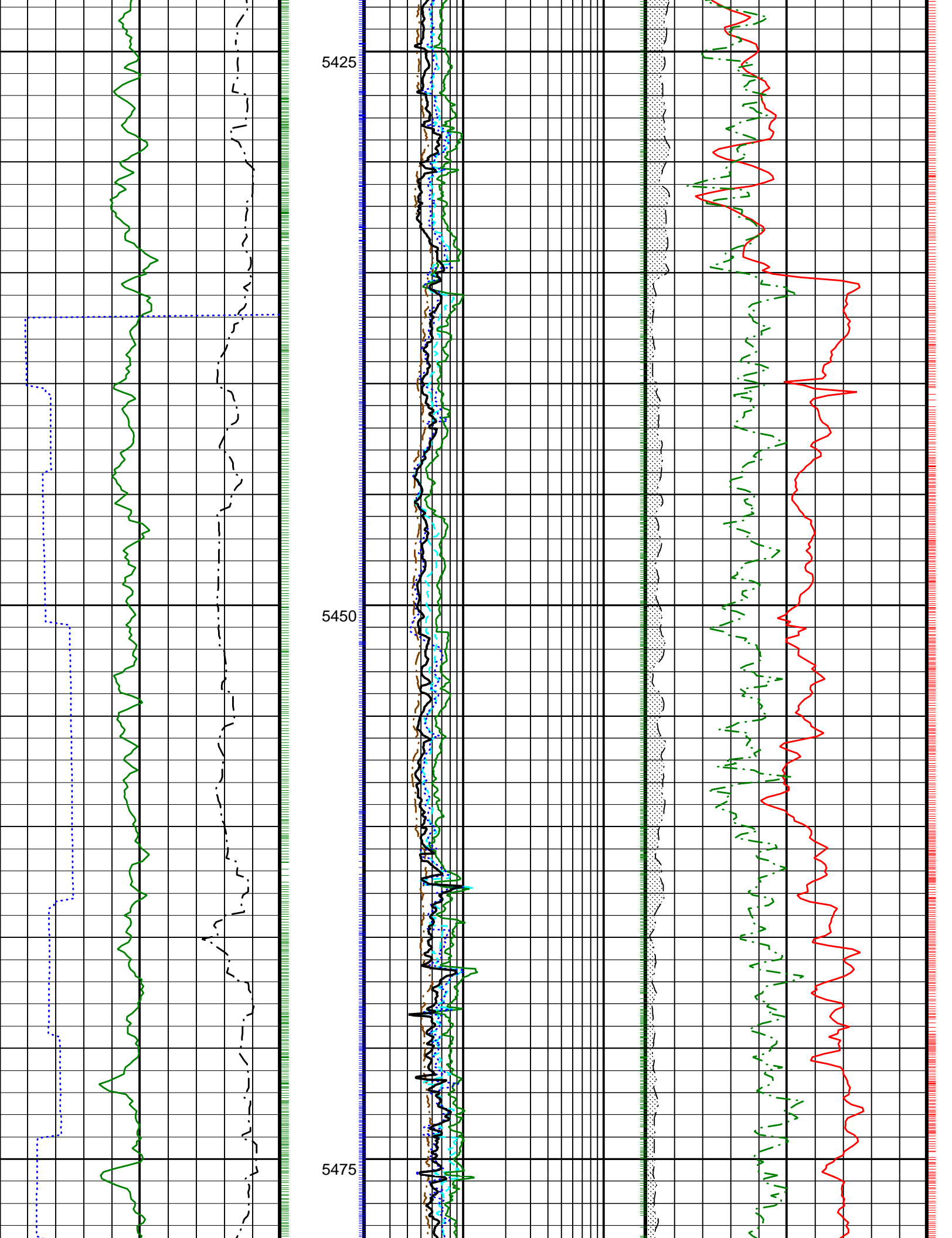


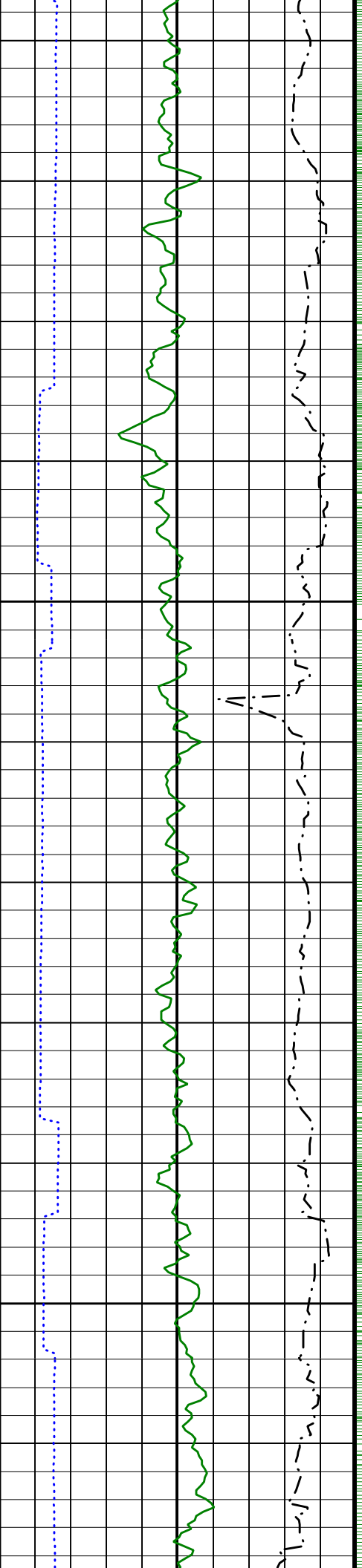
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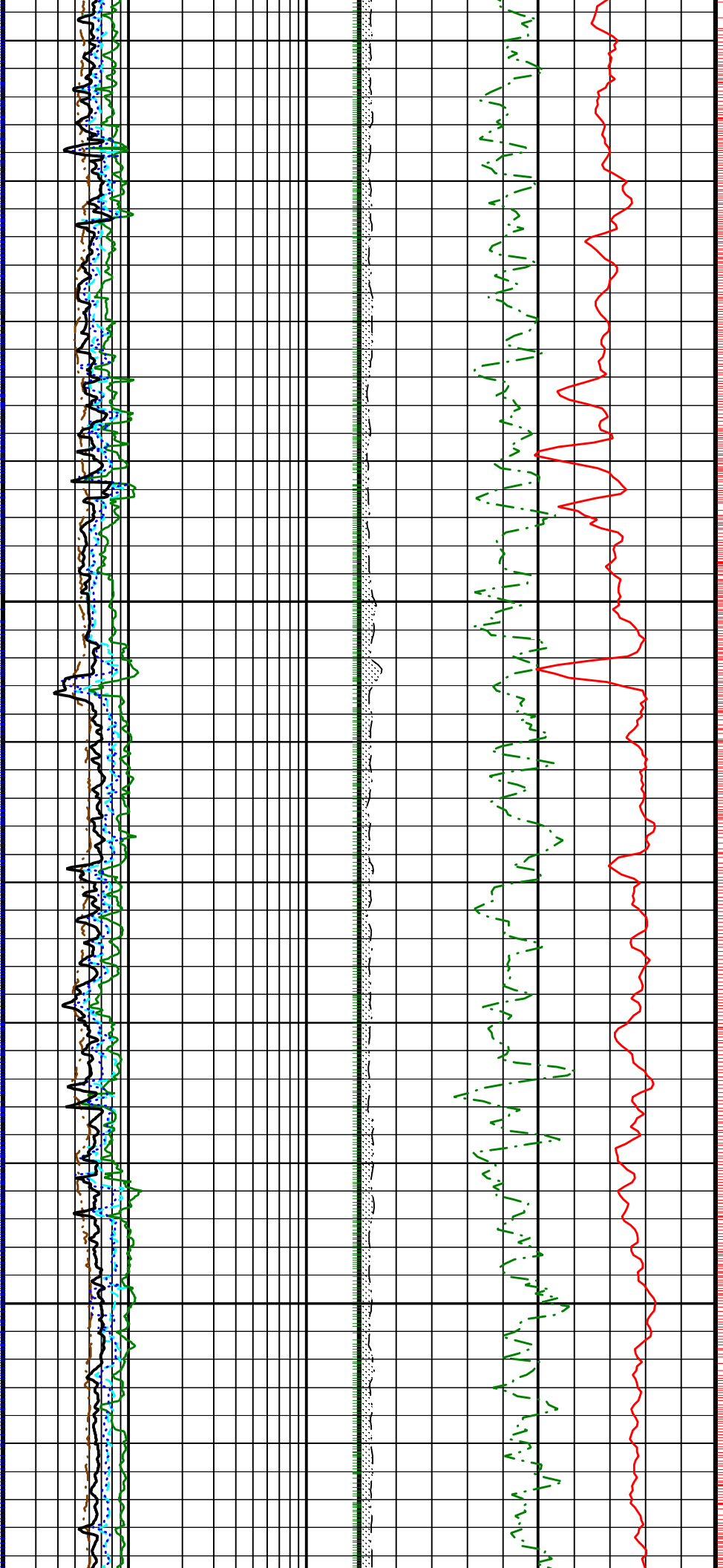


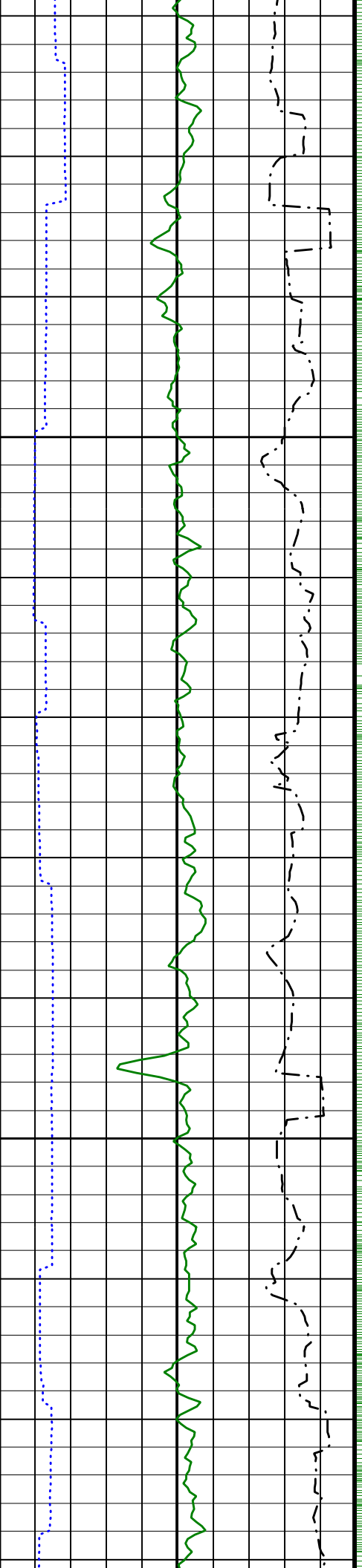




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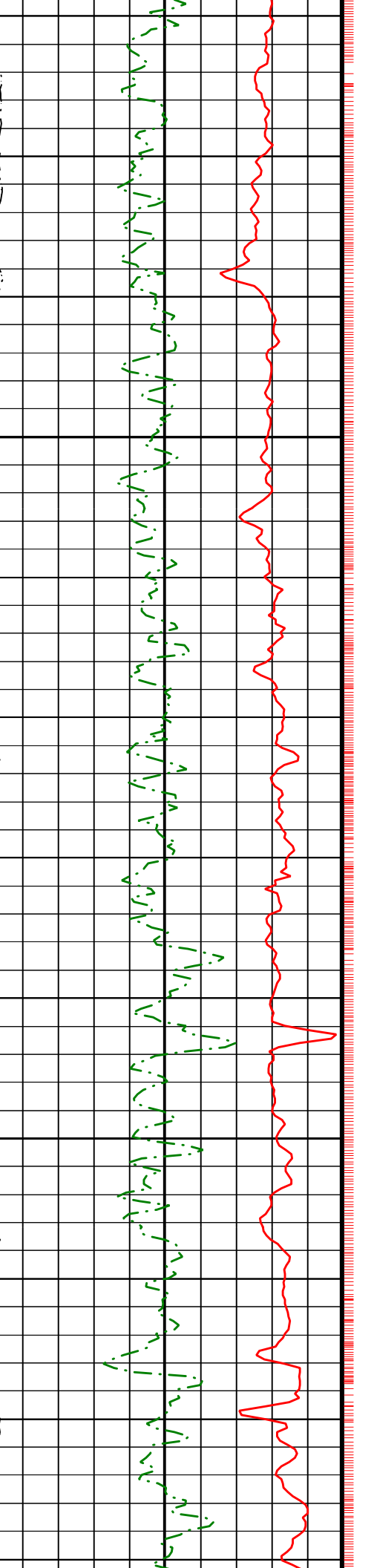
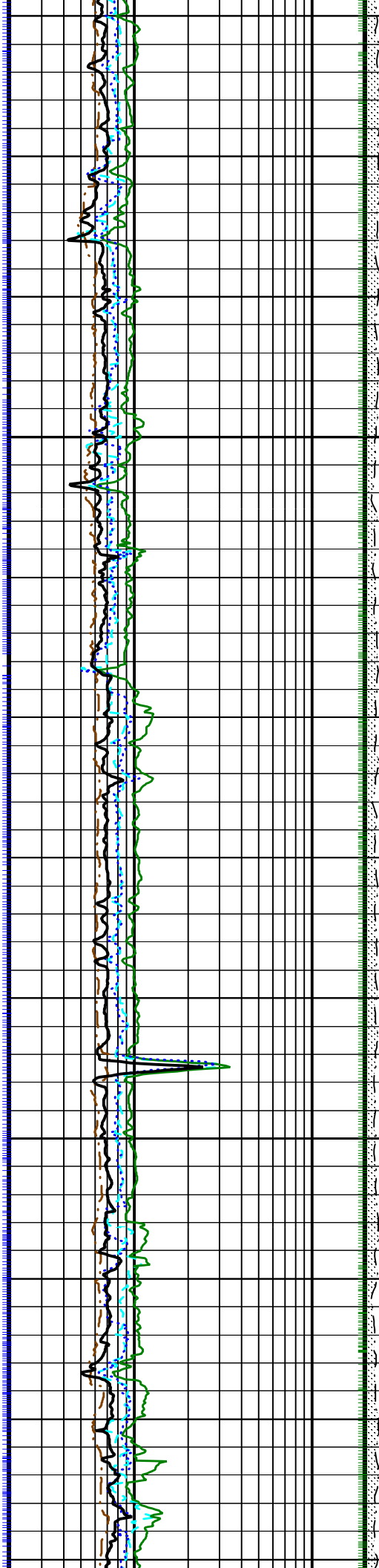
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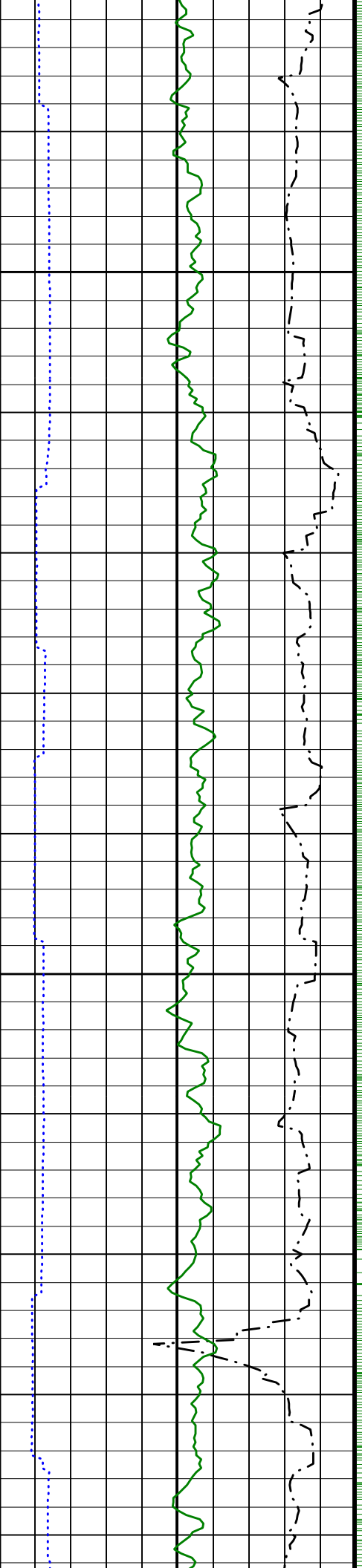




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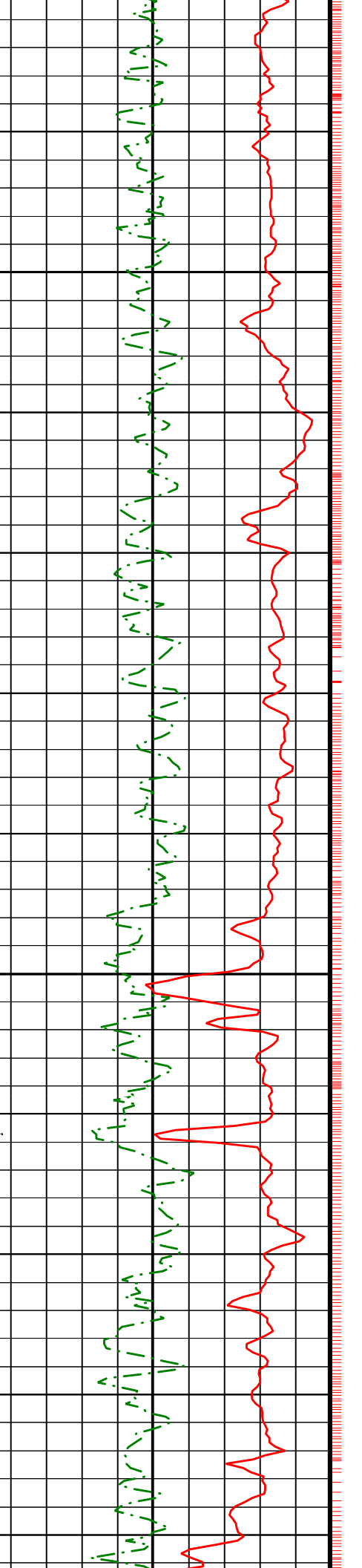
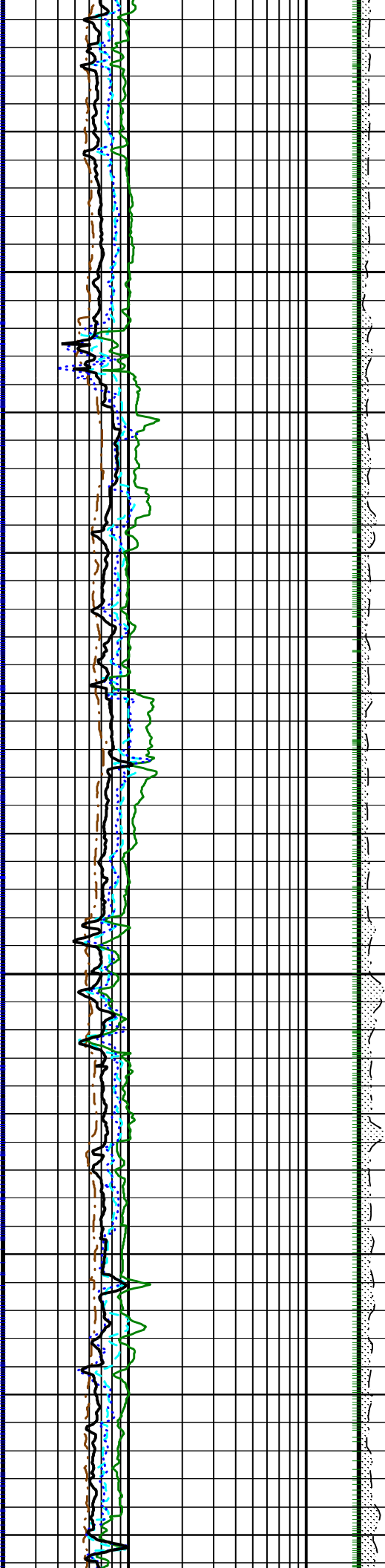
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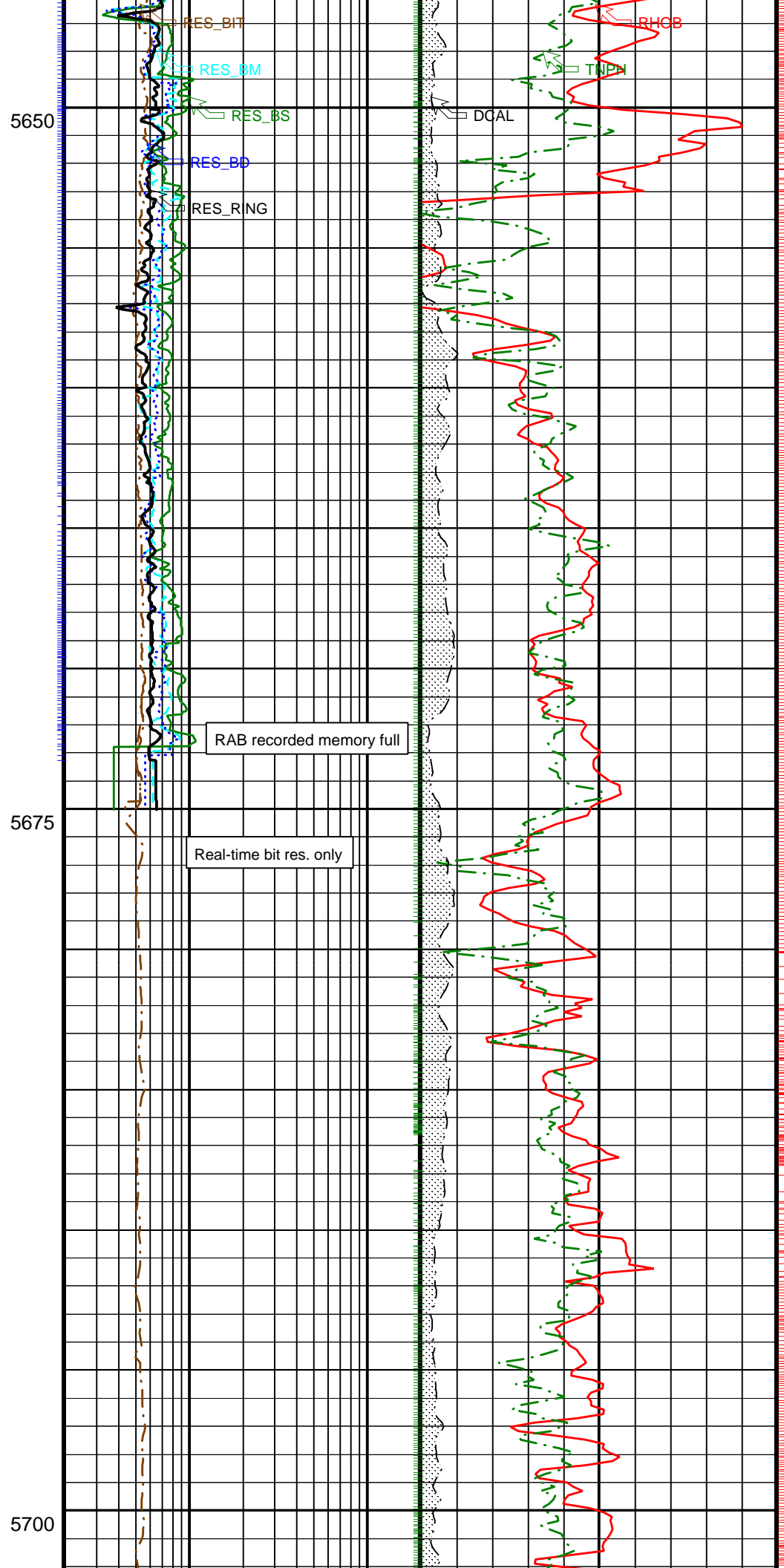
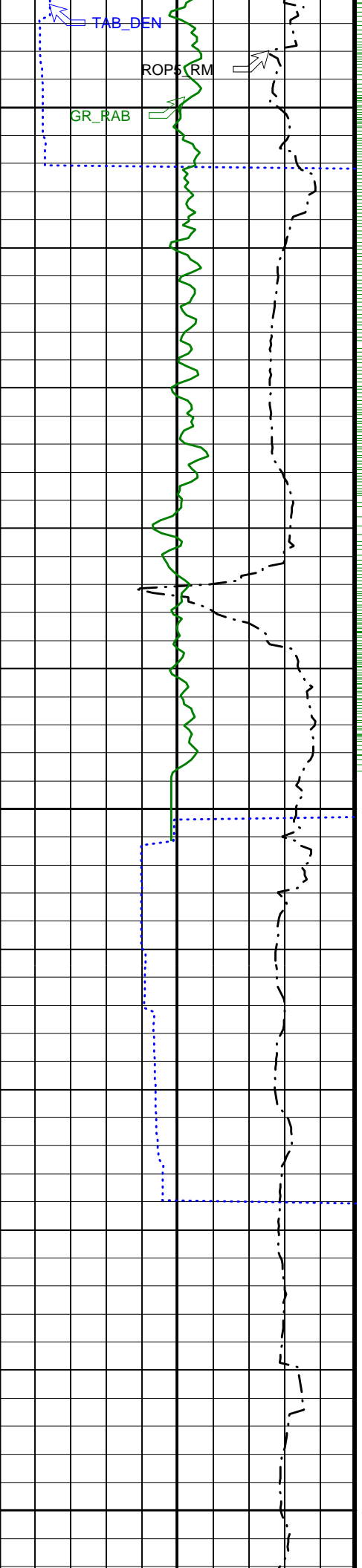


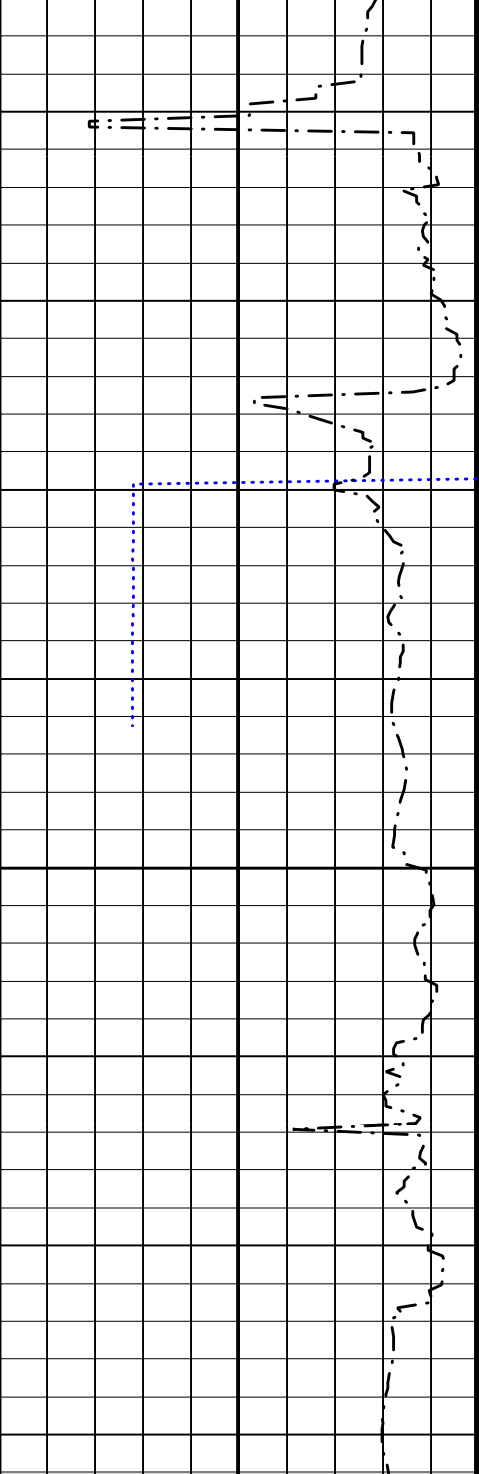


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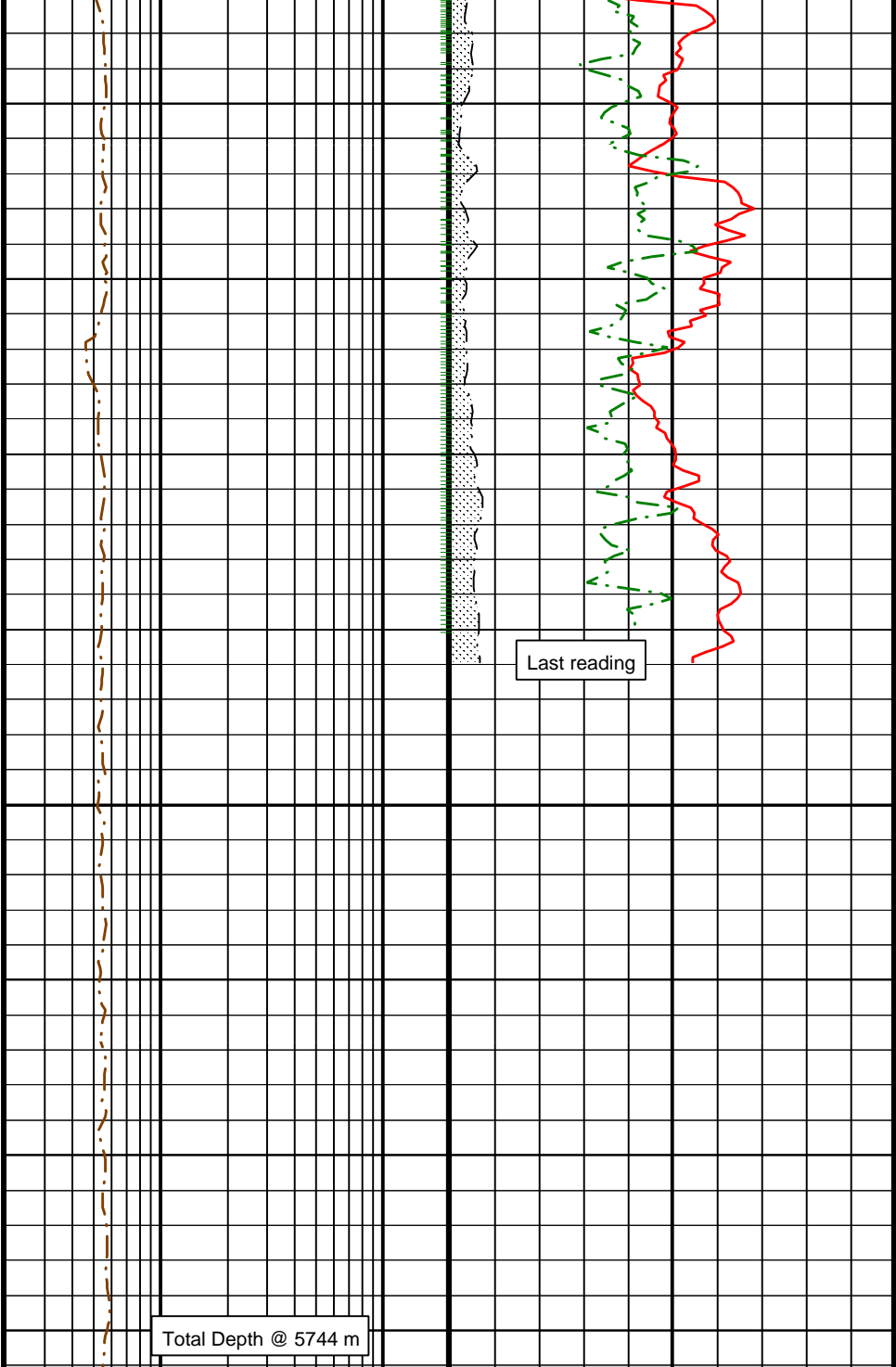
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Density Time After Bit (TAB_DEN) (HR)	0	10
RAB Gamma Ray (GR_RAB) (GAPI)	0	150
Rate of Penetration, Averaged over Last 5ft (ROP5_RM) (M/HR)	200	0

Bit Resistivity (RES_BIT) (OHMM)	0.2	20
Medium Button Resistivity (RES_BM) (OHMM)	0.2	20
Shallow Button Resistivity (RES_BS) (OHMM)	0.2	20
Deep Button Resistivity (RES_BD) (OHMM)	0.2	20
Bit Resistivity, Real-Time (RES_BIT_RT) (OHMM)	0.2	20
Ring Resistivity (RES_RING) (OHMM)	0.2	20

Bulk Density (RHOB) (G/C3)	1.4	2.4
Thermal Neutron Porosity (TNPH) (PU)	75	15
Differential Caliper (DCAL) (IN)	0	20

PIP SUMMARY

Density Ticks, 0.1-ft

IDEAL Version: ID6_1C_08
IDF

Input DLIS Files

RAB .005 FN:4 27-May-2001 23:18 15283.5 FT 18846.2 FT

6.75-in. Resistivity At-the-Bit / Equipment Identification

Primary Equipment:
Tool Name and Serial Number RAB6 - BA SN 012
Calibration Status Good

Master: 10-APR-2001 10:12

6.75-in. Resistivity At-the-Bit Calibration

Resistivity: Fixture

Phase	Ring/T1 factor	Value	Phase	Ring/T2 factor	Value	Phase	M0/T1 factor	Value
Master		0.01096	Master		0.01115	Master		1.107
	0.009500 (Minimum) 0.01100 (Nominal) 0.01250 (Maximum)			0.009500 (Minimum) 0.01100 (Nominal) 0.01250 (Maximum)			0.9000 (Minimum) 1.050 (Nominal) 1.200 (Maximum)	
Phase	M0/T2 factor	Value	Phase	M2/T1 factor	Value	Phase	M2/T2 factor	Value
Master		1.100	Master		1.016	Master		1.021
	0.9000 (Minimum) 1.050 (Nominal) 1.200 (Maximum)			0.8500 (Minimum) 1.000 (Nominal) 1.150 (Maximum)			0.8500 (Minimum) 1.000 (Nominal) 1.150 (Maximum)	
Phase	BTN shallow/T1 factor	Value	Phase	BTN shallow/T2 factor	Value	Phase	BTN medium/T1 factor	Value
Master		0.0006580	Master		0.0006760	Master		0.0006450
	0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)			0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)			0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)	
Phase	BTN medium/T2 factor	Value	Phase	BTN deep/T1 factor	Value	Phase	BTN deep/T2 factor	Value
Master		0.0006610	Master		0.0006480	Master		0.0006640
	0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)			0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)			0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)	

Master: 10-APR-2001 10:12

6.75-in. Resistivity At-the-Bit Calibration

Gamma Ray: Blanket

Phase	Gamma ray factor	Value
Master		4.210
	3.500 (Minimum) 4.500 (Nominal) 5.500 (Maximum)	

6.75-in. Azimuthal Density Neutron / Equipment Identification

Primary Equipment:
Tool Name and Serial Number ADN6 - BA 119
Neutron Logging Source NSR - M A0149
Density Logging Source GSR - J/Z A2097
Stabilizer Size 9.63 - in.
Calibration Status Good

Master: 10-APR-2001 22:25

6.75-in. Azimuthal Density Neutron Calibration

Density: Magnesium Block

Phase	LS window 3 - Mg CPS	Value	Phase	SS window 1 - Mg CPS	Value	Phase	SS window 3 - Mg CPS	Value
Master		642.3	Master		2016	Master		5009
	250.0 (Minimum) 4125 (Nominal) 8000 (Maximum)			700.0 (Minimum) 9350 (Nominal) 18000 (Maximum)			2500 (Minimum) 23750 (Nominal) 45000 (Maximum)	

Master: 10-APR-2001 22:25

6.75-in. Azimuthal Density Neutron Calibration

Density: Aluminum Block

Phase	LS window 3 - Al CPS	Value	Phase	SS window 1 - Al CPS	Value	Phase	SS window 3 - Al CPS	Value
Master		105.3	Master		1185	Master		3524
	50.00 (Minimum) 725.0 (Nominal) 1400 (Maximum)			500.0 (Minimum) 4250 (Nominal) 8000 (Maximum)			1500 (Minimum) 15750 (Nominal) 30000 (Maximum)	

Master: 10-APR-2001 22:25

6.75-in. Azimuthal Density Neutron Calibration

Density: Background

Phase	LS window 3 - Background CPS	Value	Phase	SS window 1 - Background CPS	Value	Phase	SS window 3 - Background CPS	Value
Master		42.83	Master		96.15	Master		408.0
	15.00 (Minimum) 82.50 (Nominal) 150.0 (Maximum)			40.00 (Minimum) 220.0 (Nominal) 400.0 (Maximum)			150.0 (Minimum) 825.0 (Nominal) 1500 (Maximum)	

Master: 10-APR-2001 22:25

6.75-in. Azimuthal Density Neutron Calibration

Density: Water Block Check

Phase	Long spacing water density G/C3	Value	Phase	Short spacing water density G/C3	Value
Master		1.014	Master		1.101
	0.9844 (Minimum) 0.9994 (Nominal) 1.014 (Maximum)			1.071 (Minimum) 1.096 (Nominal) 1.121 (Maximum)	

Master: 10-APR-2001 22:25

6.75-in. Azimuthal Density Neutron Calibration

Neutron: Water Tank

Phase	Far 1 tube 1 gain	Value	Phase	Far 1 tube 1 offset CPS	Value
Master		1.067	Master		-0.8720
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)			-1.200 (Minimum) -0.9000 (Nominal) -0.6000 (Maximum)	
Phase	Far 1 tube 2 gain	Value	Phase	Far 1 tube 2 offset CPS	Value
Master		1.047	Master		-0.9180
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)			-1.200 (Minimum) -0.9000 (Nominal) -0.6000 (Maximum)	
Phase	Far 1 tube 3 gain	Value	Phase	Far 1 tube 3 offset CPS	Value
Master		1.094	Master		-0.8480
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)			-1.200 (Minimum) -0.9000 (Nominal) -0.6000 (Maximum)	
Phase	Far 2 tube 1 gain	Value	Phase	Far 2 tube 1 offset CPS	Value
Master		1.081	Master		-0.8230
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)			-1.200 (Minimum) -0.9000 (Nominal) -0.6000 (Maximum)	
Phase	Far 2 tube 2 gain	Value	Phase	Far 2 tube 2 offset CPS	Value
Master		1.079	Master		-0.8700
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)			-1.200 (Minimum) -0.9000 (Nominal) -0.6000 (Maximum)	
Phase	Far 2 tube 3 gain	Value	Phase	Far 2 tube 3 offset CPS	Value
Master		1.028	Master		-0.7570
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)			-1.200 (Minimum) -0.9000 (Nominal) -0.6000 (Maximum)	
Phase	Near 1 tube 1 gain	Value			
Master		0.9810			
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)				
Phase	Near 2 tube 1 gain	Value			
Master		1.025			
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)				

Well: ODP Leg 196, Site 808I
Field: Nankai Trough
Country: Japan
Ocean: Pacific

IDEAL services from Anadrill

RAB / ADN

Scale 1:200 Measured Depth

Recorded Data

Schlumberger