



**RADIAL BOND TOOL
GAMMA RAY
CCL**

Company CIVITAS
Well STATE OF COLORADO X 1
Field LOWRY
County APAPAHOE
State CO Country USA

Location: API #: 05-005-06610
39.614725 -104.606380

Permanent Datum SEC 13 TWP 5S RGE 65W
Log Measured From GL 12 FT Elevation 5940'
Drilling Measured From KB G.L. 5940'

Other Services
Elevation
K.B. ---
D.F. ---
G.L. 5940'

Date 18-NOV-2025

Run Number ONE
Depth Driller 8715'
Depth Logger 6950'
Bottom Logged Interval 6945'
Top Log Interval SURFACE
Open Hole Size 7 7/8"
Type Fluid WATER
Density / Viscosity N/A
Max. Recorded Temp. °
Estimated Cement Top N/A
Time Well Ready ON ARRIVAL
Time Logger on Bottom N/A
Equipment Number 7770
Location PLATTEVILLE CO
Recorded By W. Wacker
Witnessed By Hector Terrazas


| Borehole Record | | | | Tubing Record | | | |
|-------------------|-----|--------|----|---------------|--------|------|-------|
| Run Number | Bit | From | To | Size | Weight | From | To |
| Casing Record | | | | | | | |
| Surface String | | 8 5/8" | | 24# | | | 271' |
| Prot. String | | 5 1/2" | | 15.5# | | | 8714' |
| Production String | | | | | | | |
| Liner | | | | | | | |

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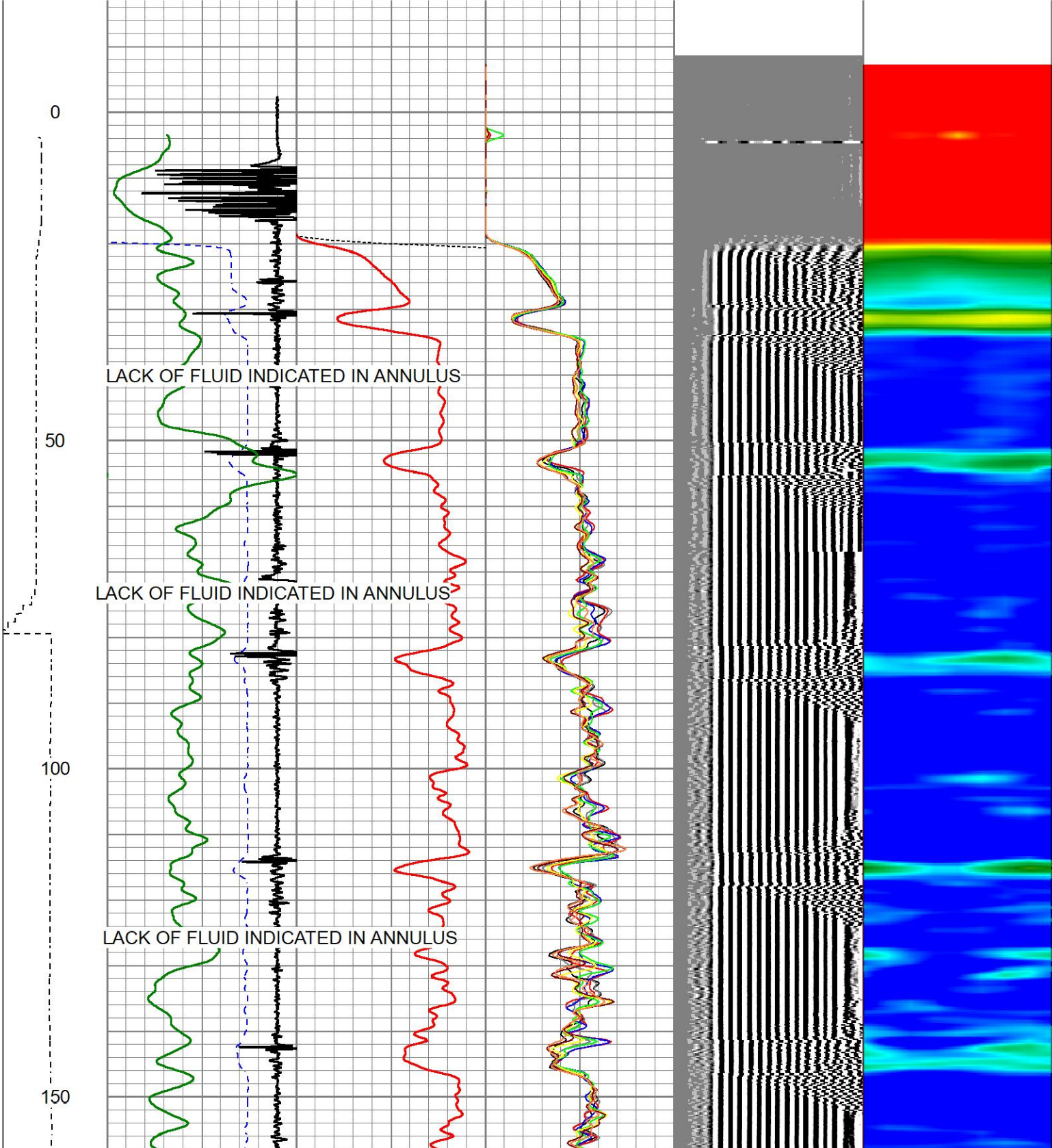
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

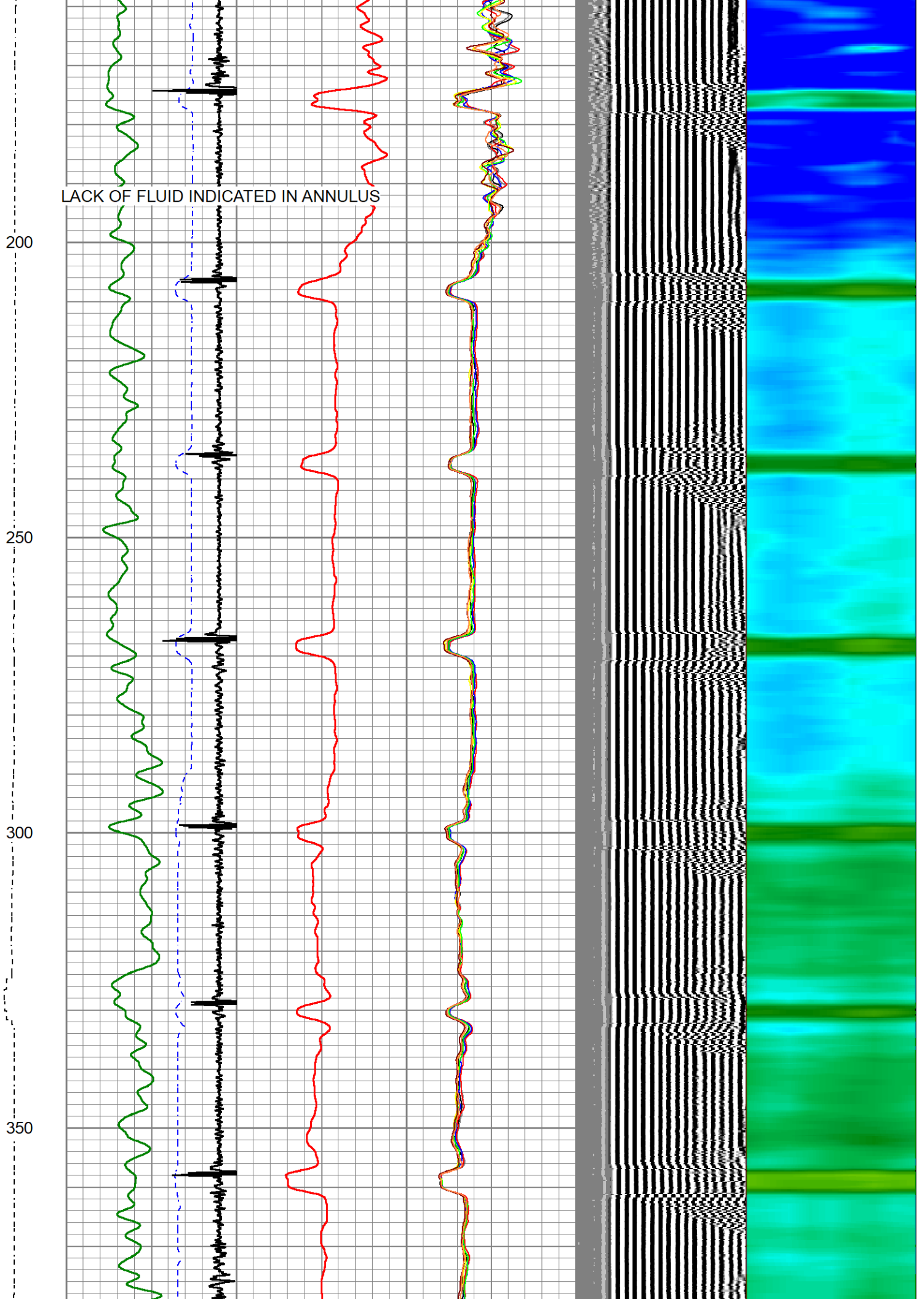
Comments

**RAN CBL TO VERIFY CEMENT BOND
WELL LOADED ON ARRIVAL
CORRELATED TO KB AT 12 FT
RECORDED WITH 500 PSI SURFACE INDUCED PRESSURE
LACK OF FLUID INDICATED IN ANNULUS FROM 202 FT TO SURFACE**

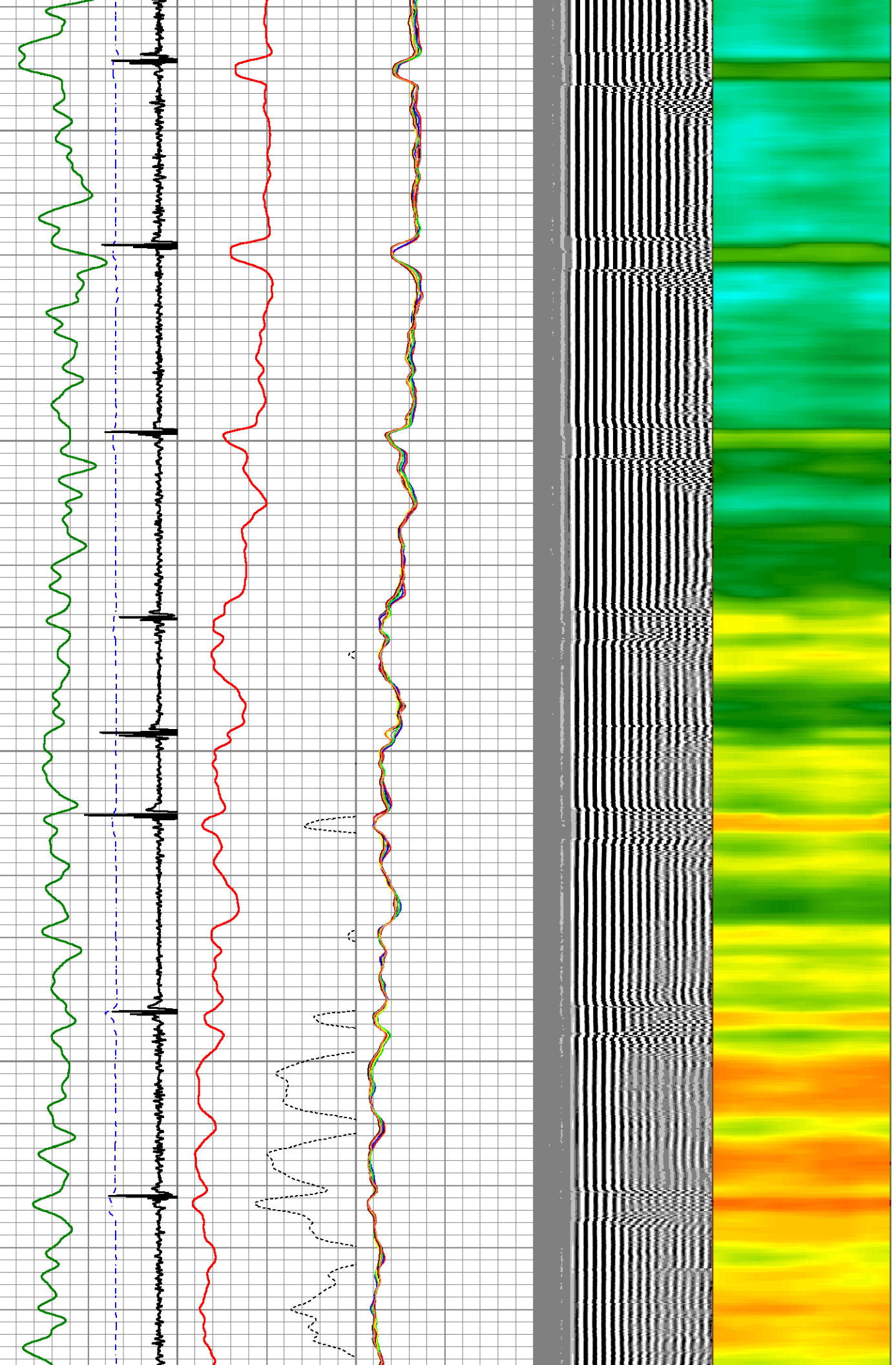
| Sensor | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb) |
|----------|-------------|---|---|-------------|-----------|-------------|
| HEADVOLT | 18.38 |  | CHD-1_7/16_Cabehead 1 7/16 Cablehead | 1.00 | 1.44 | 5.00 |

| | | | | | | | | | | | | | | | |
|----------|------|-----------|-----|---|------------|-----|---|-------|-----|-----|------------|------|---|------------|---|
| LSPD | 650 | TT (usec) | 150 | 0 | AMP (mV) | 100 | 0 | AMPS1 | 150 | 200 | VDL (usec) | 1200 | 1 | Cement Map | 8 |
| (ft/min) | -9 | CCL | 1 | 0 | AMPx5 (mV) | 20 | 0 | AMPS2 | 150 | | | | | | |
| 0 | -250 | GR (GAPI) | 125 | | | | | AMPS3 | 150 | | | | | | |
| | | GR (GAPI) | 500 | | | | | AMPS4 | 150 | | | | | | |
| | | | | | | | | AMPS5 | 150 | | | | | | |
| | | | | | | | | AMPS6 | 150 | | | | | | |
| | | | | | | | | AMPS7 | 150 | | | | | | |
| | | | | | | | | AMPS8 | 150 | | | | | | |

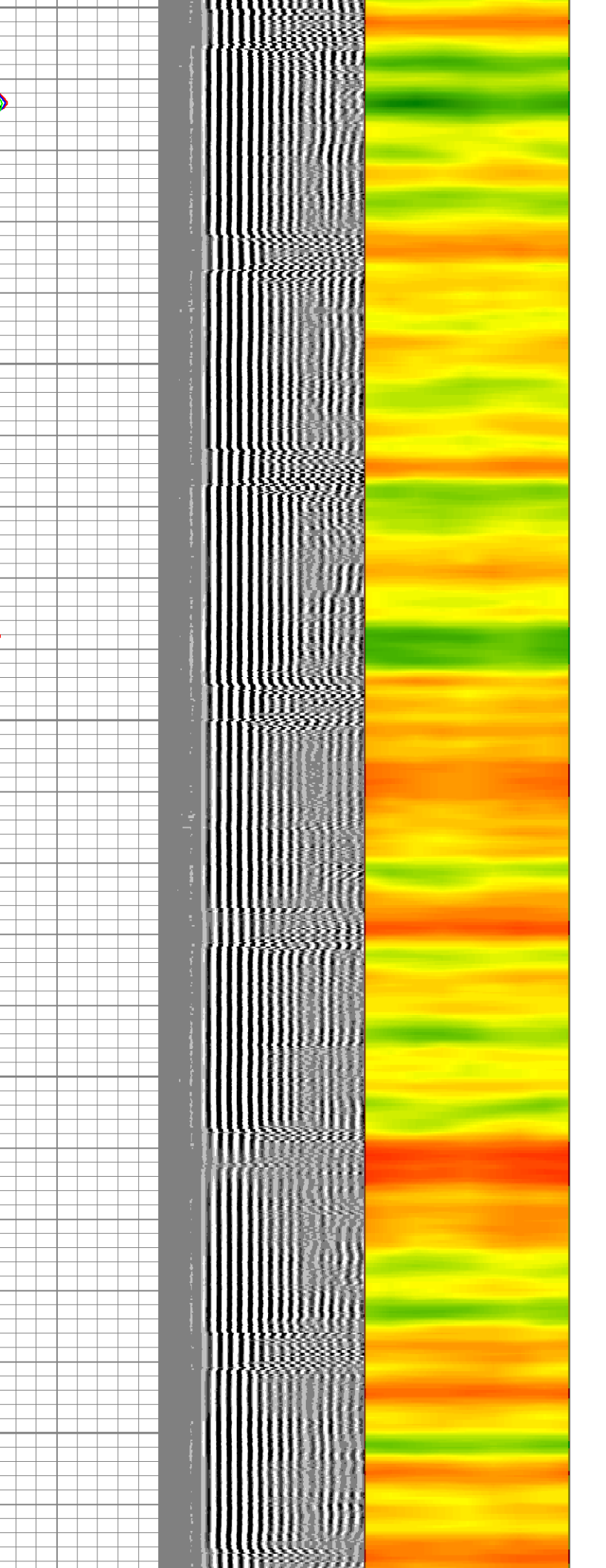
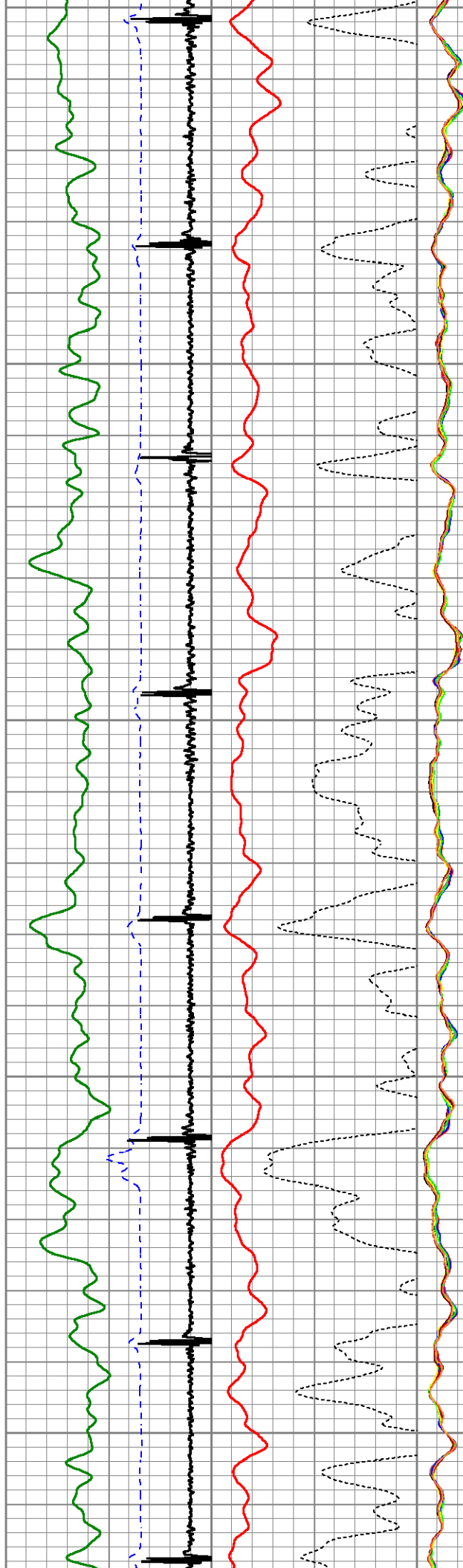


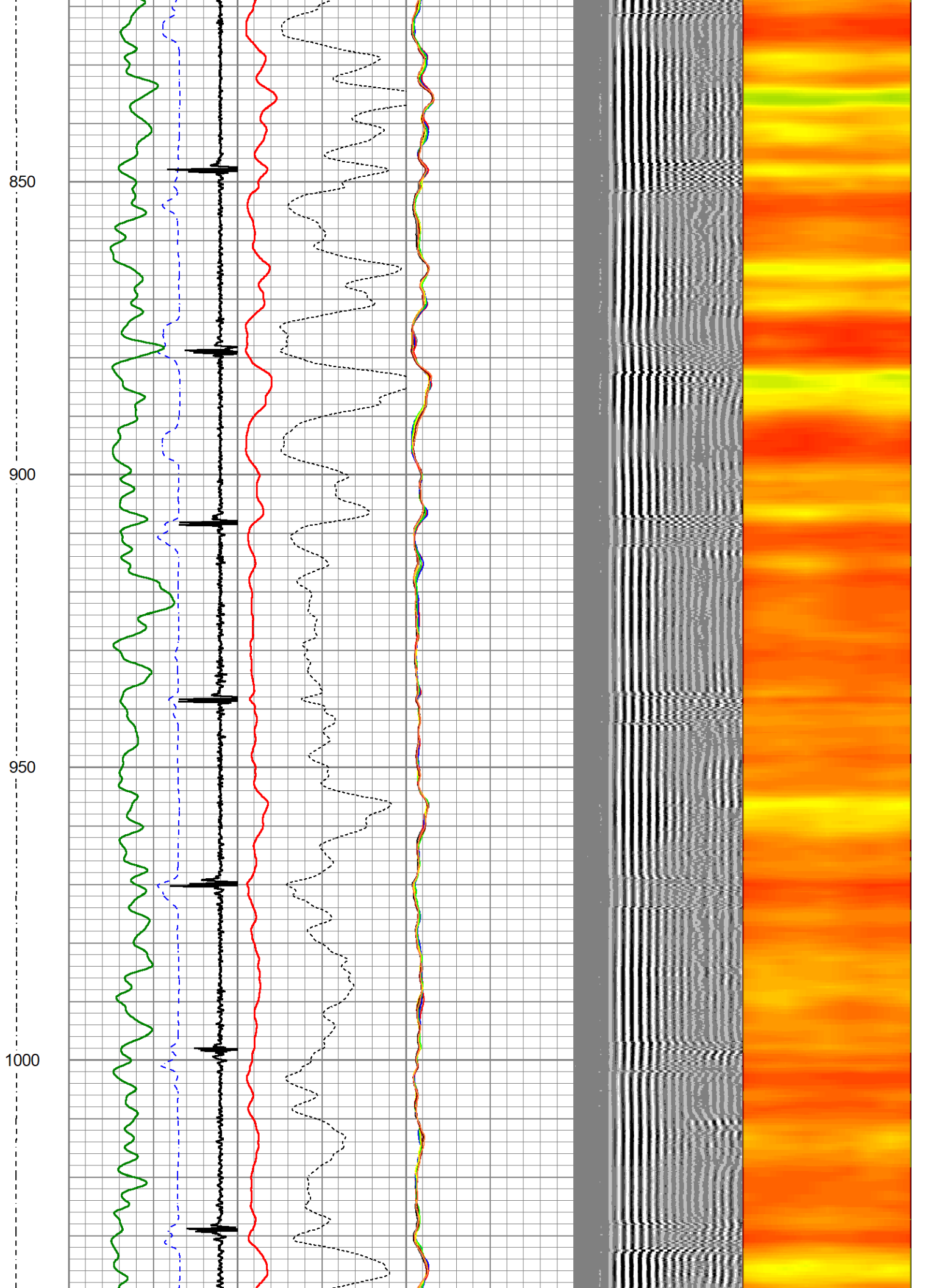


400
450
500
550



600
650
700
750
800





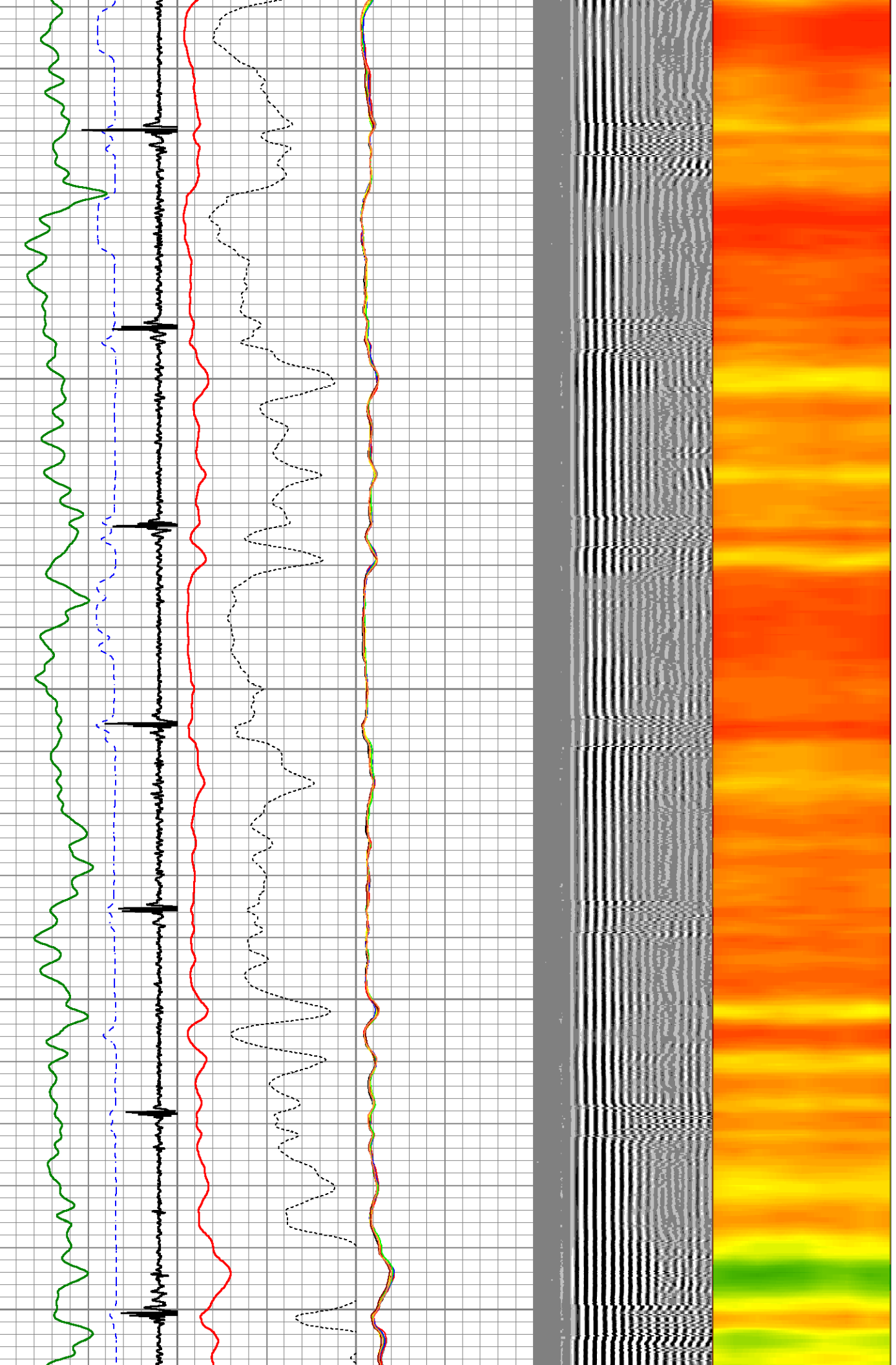
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1100

1150

1200

1250

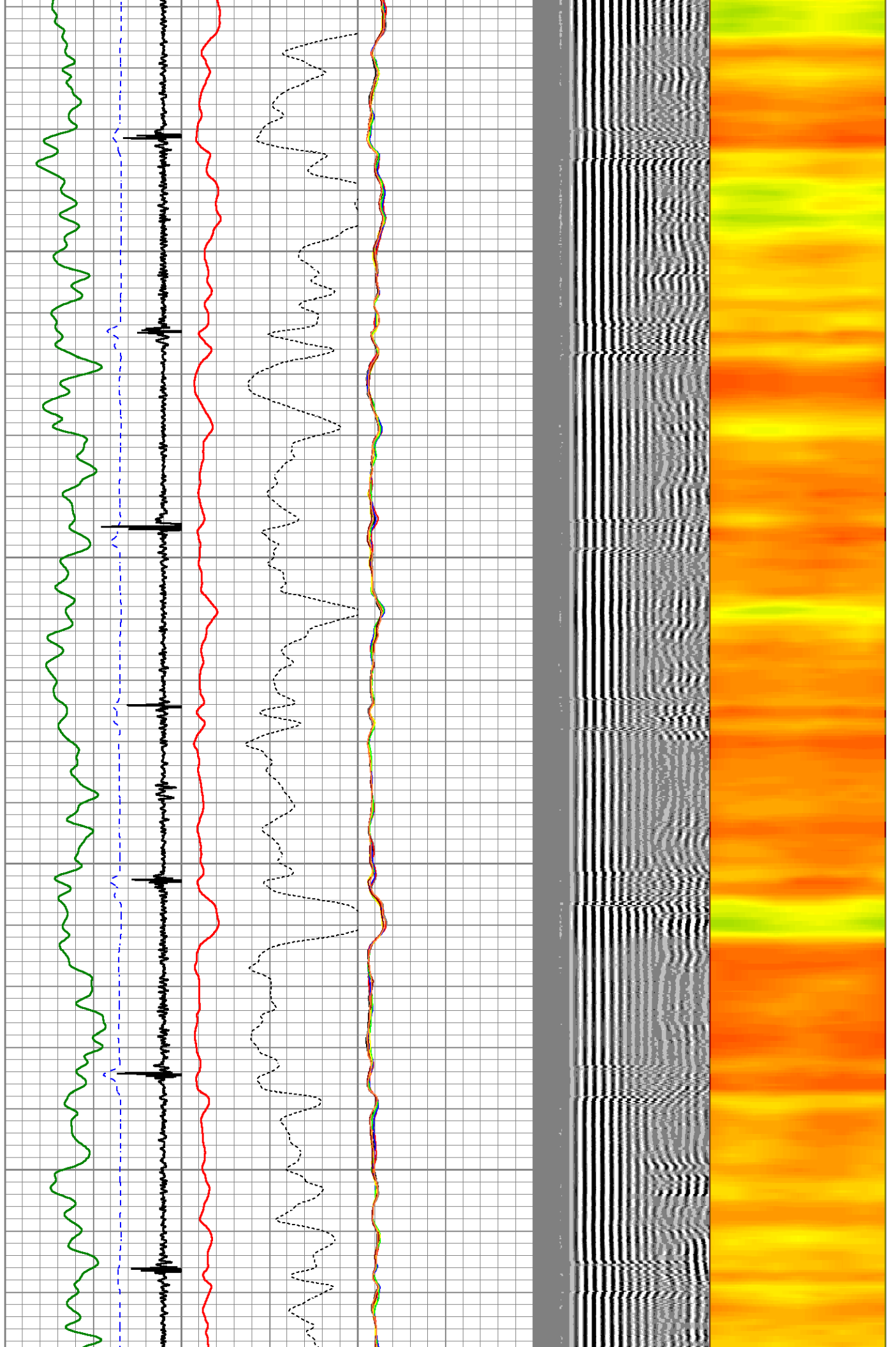


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1350

1400

1450

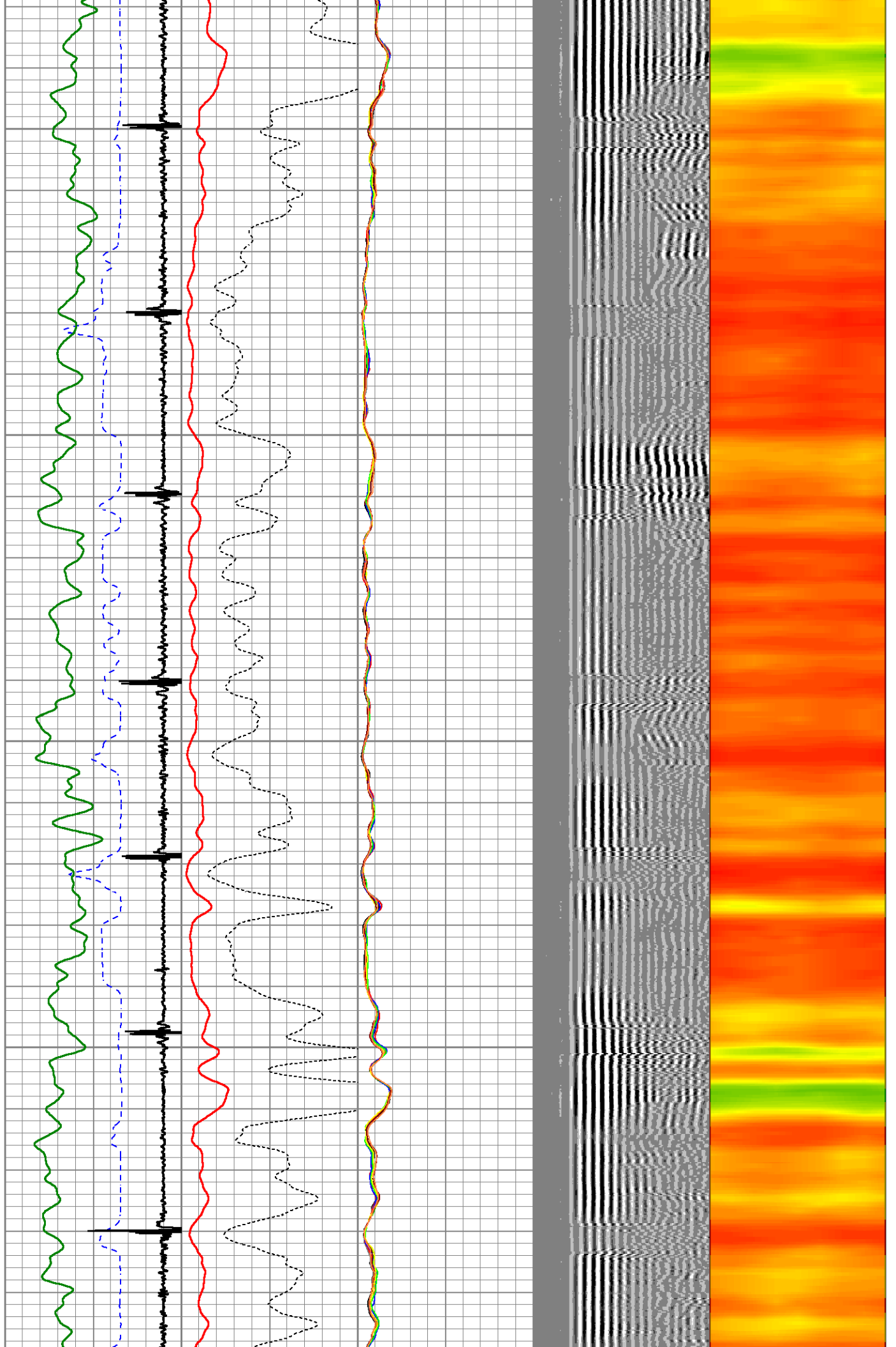


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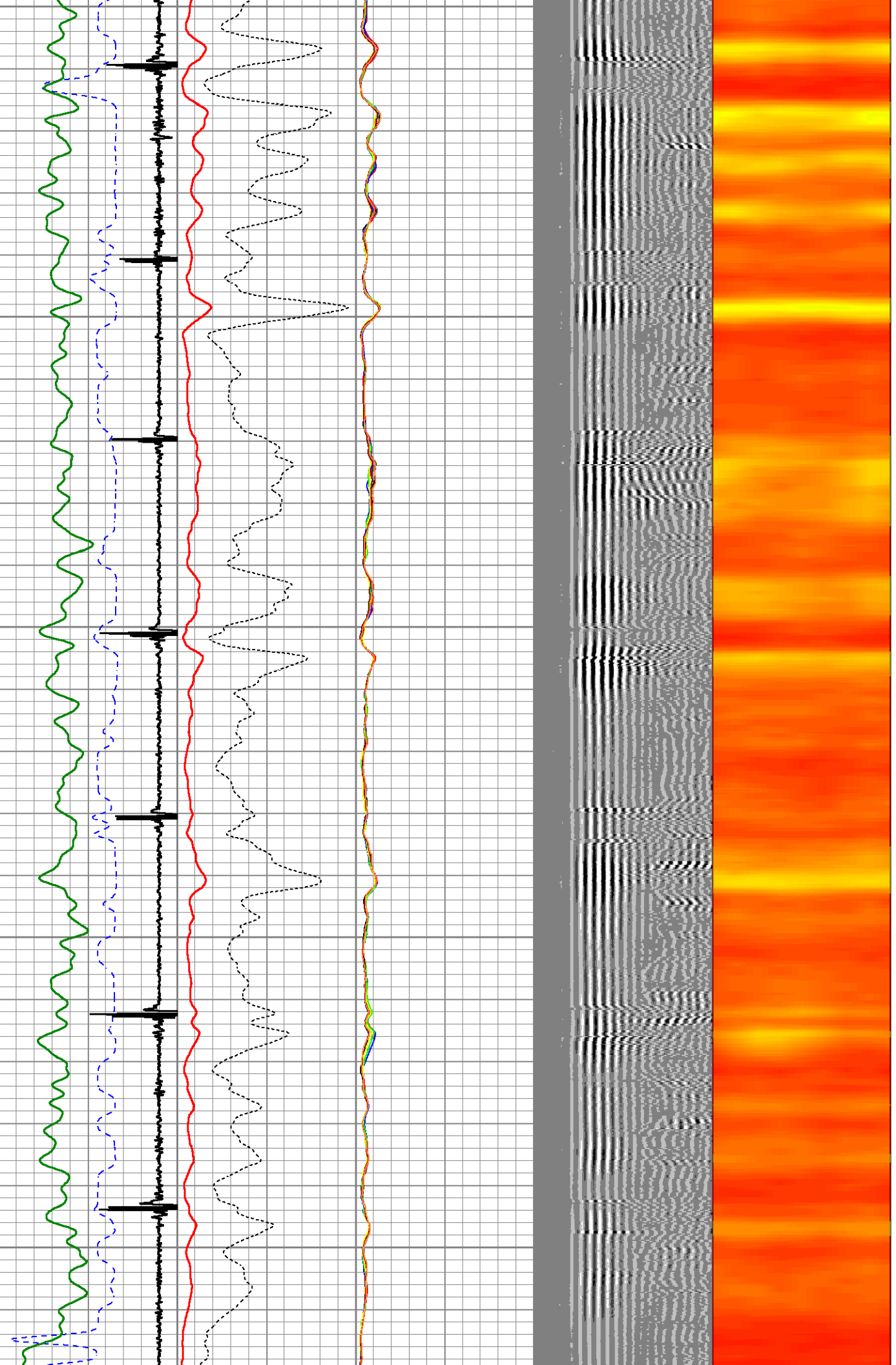
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1600

1650



1700
1750
1800
1850
1900

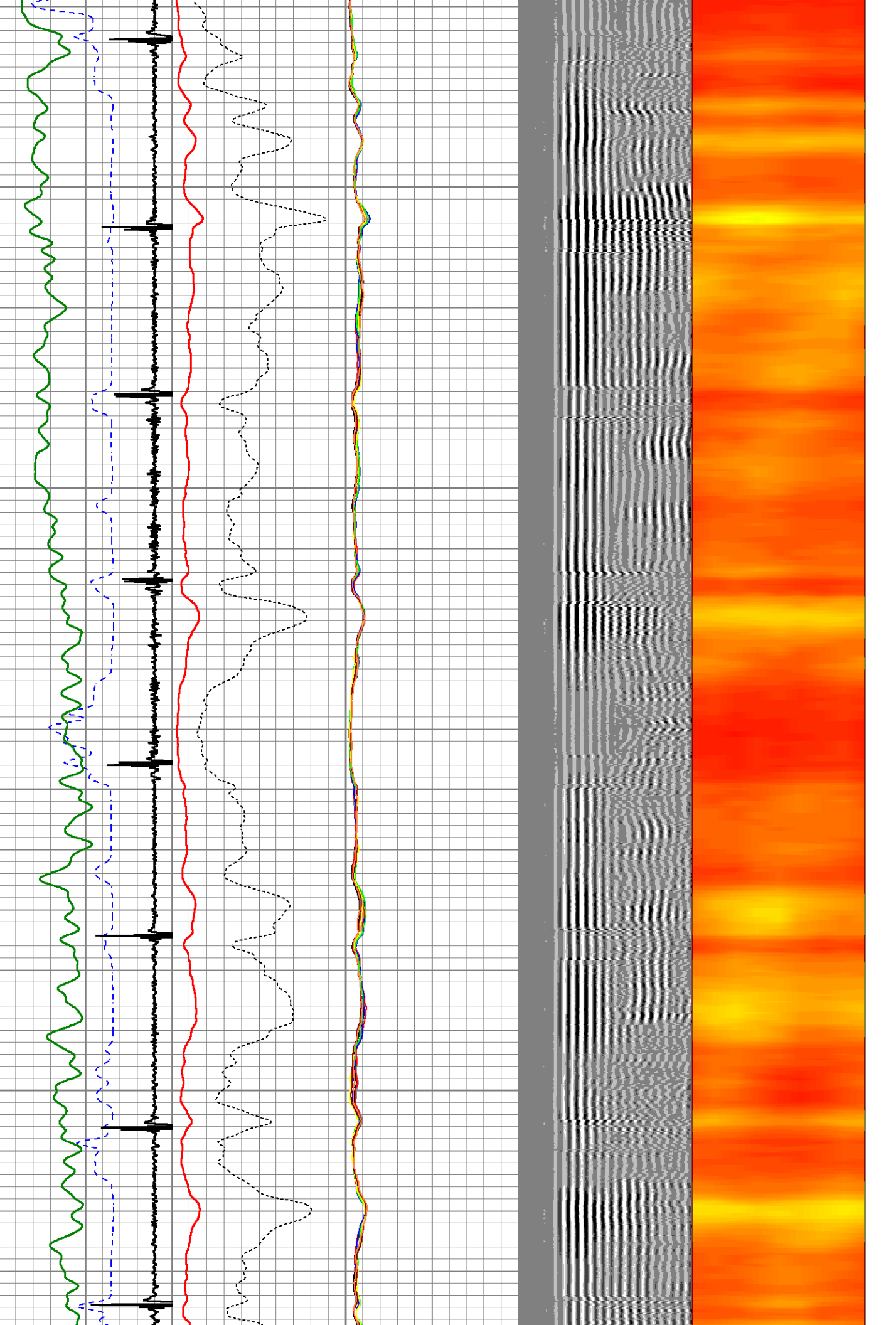


1950

2000

2050

2100



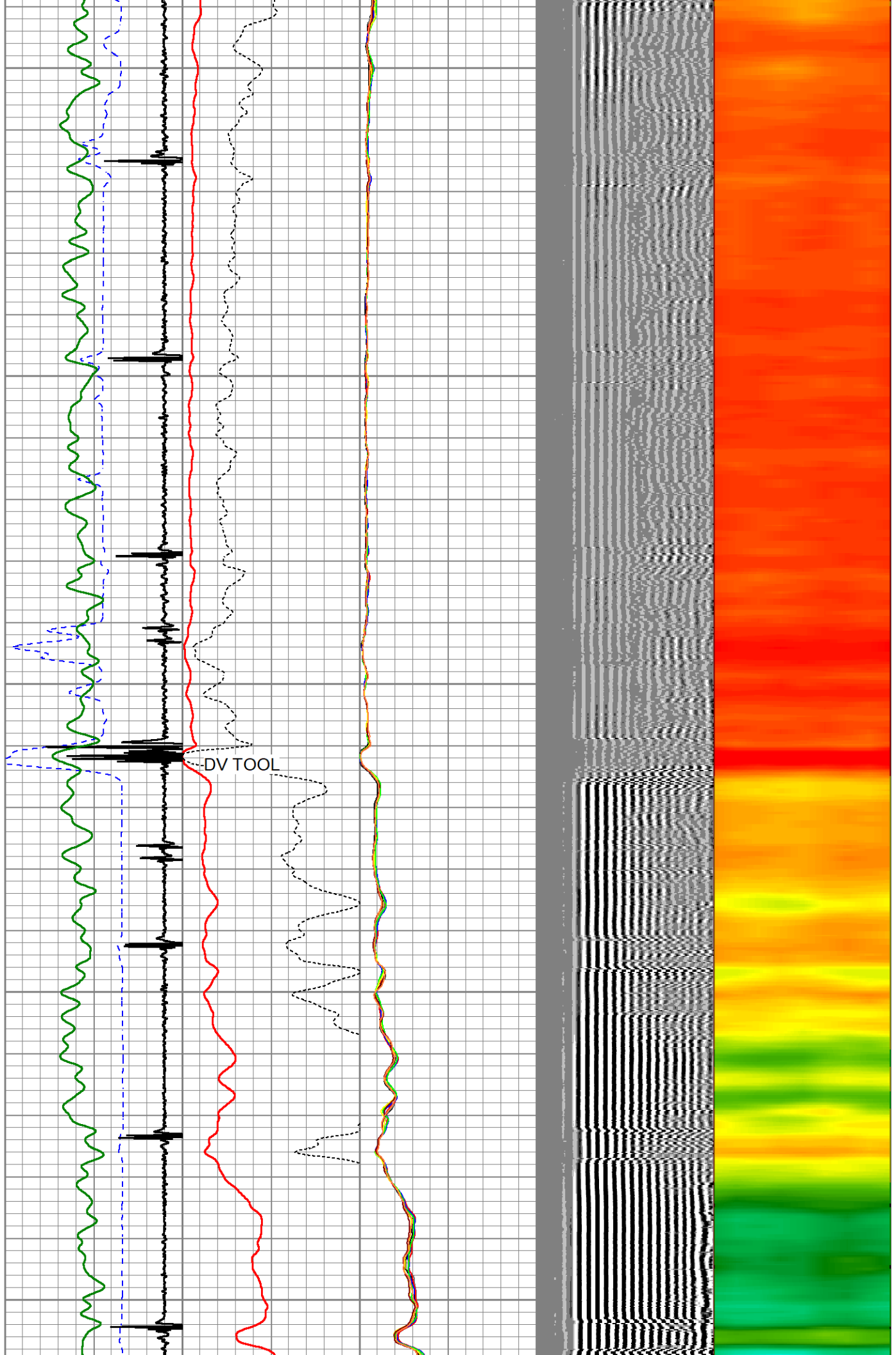
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2200

2250

2300

2350

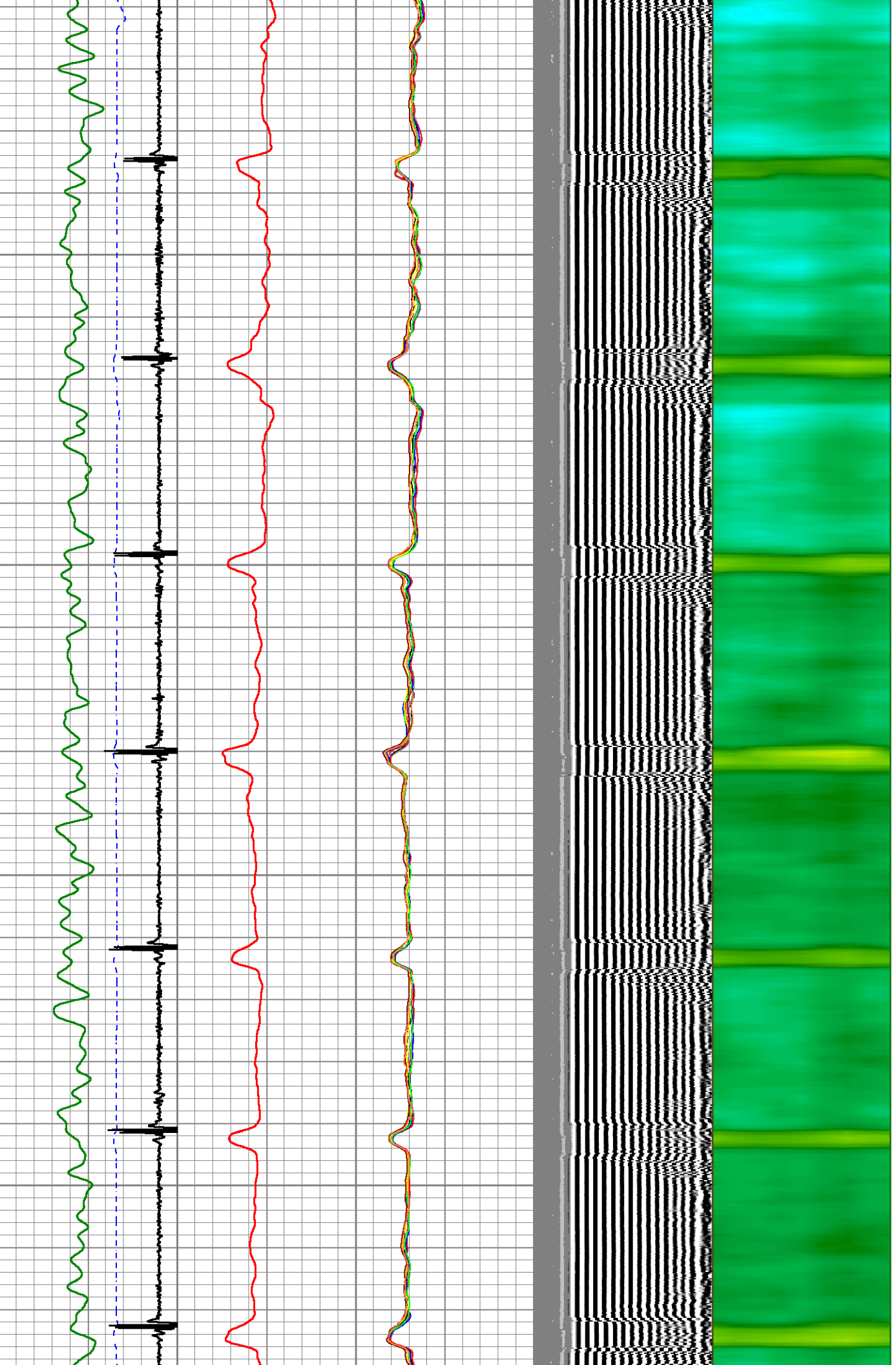


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2450

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2550

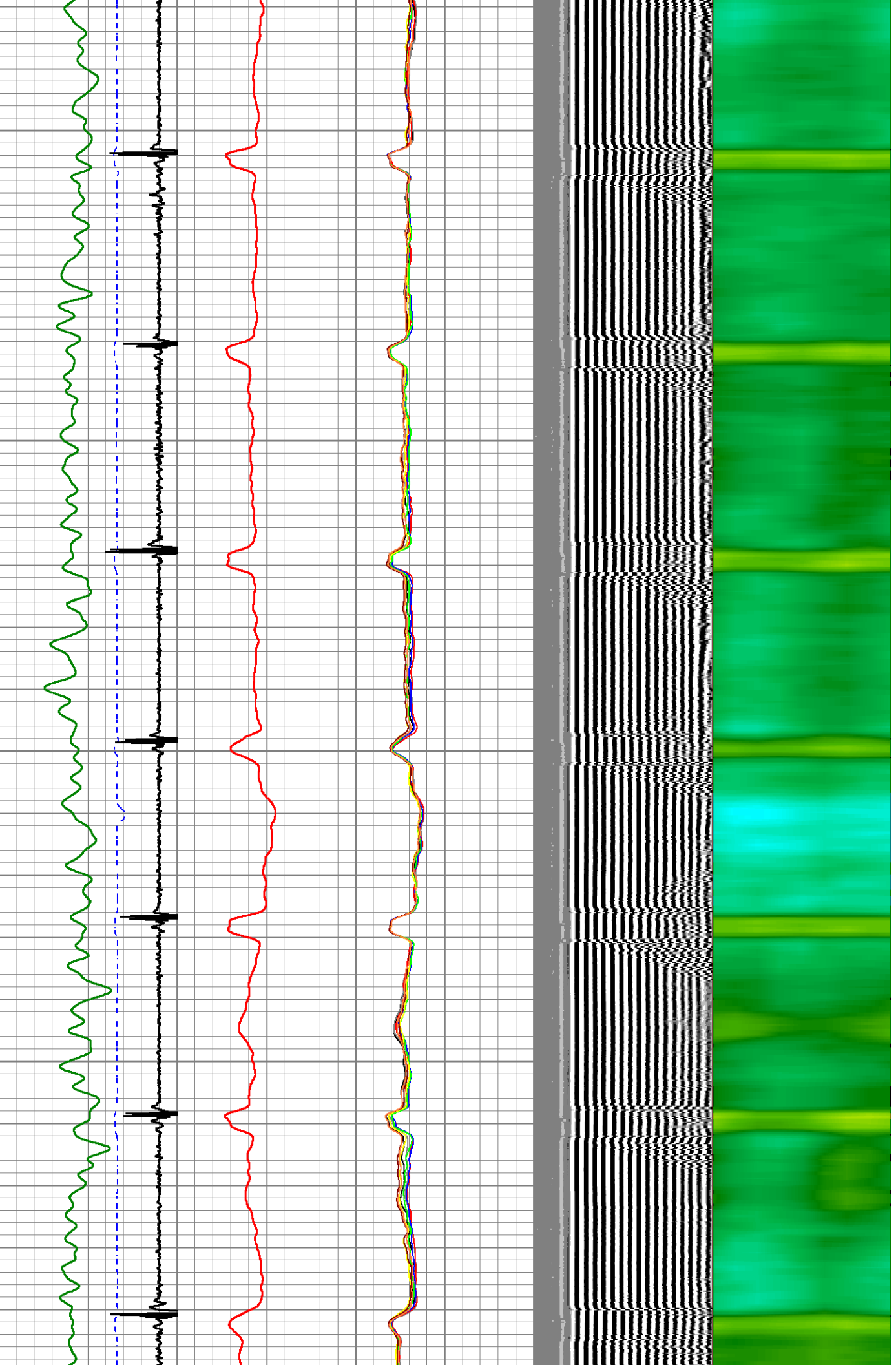


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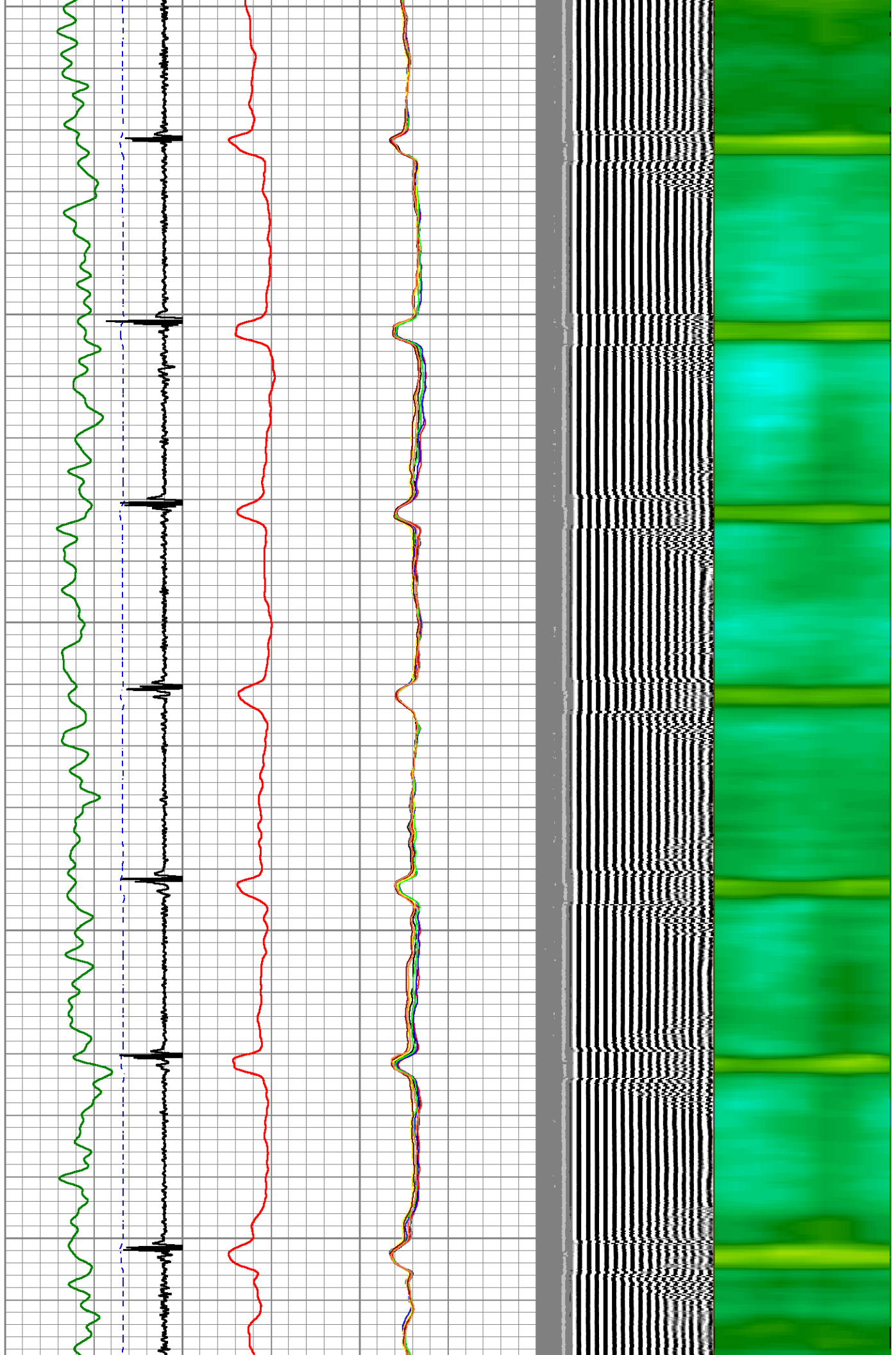
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2700

2750



2800
2850
2900
2950
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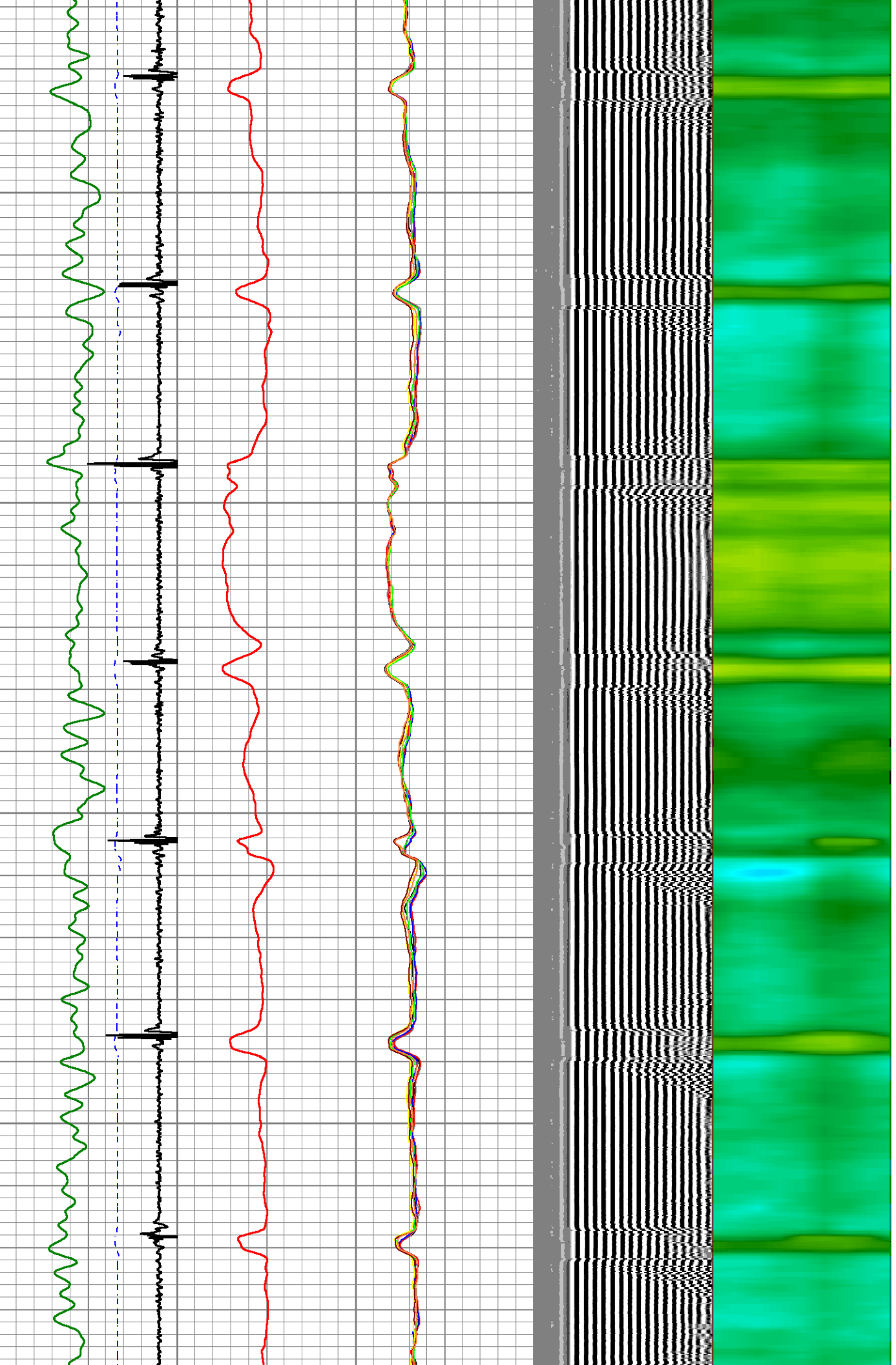


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3150

3200



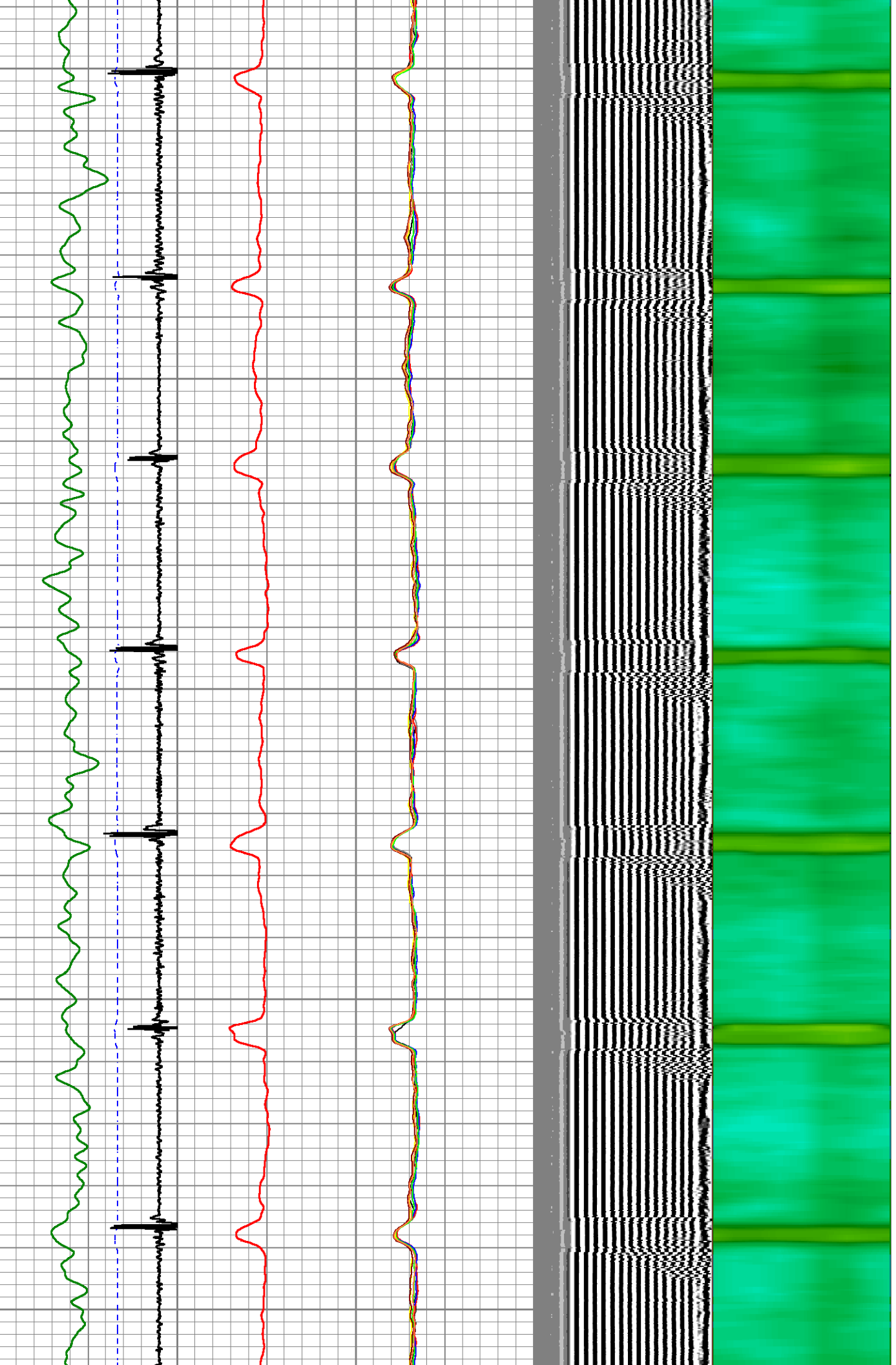
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3400

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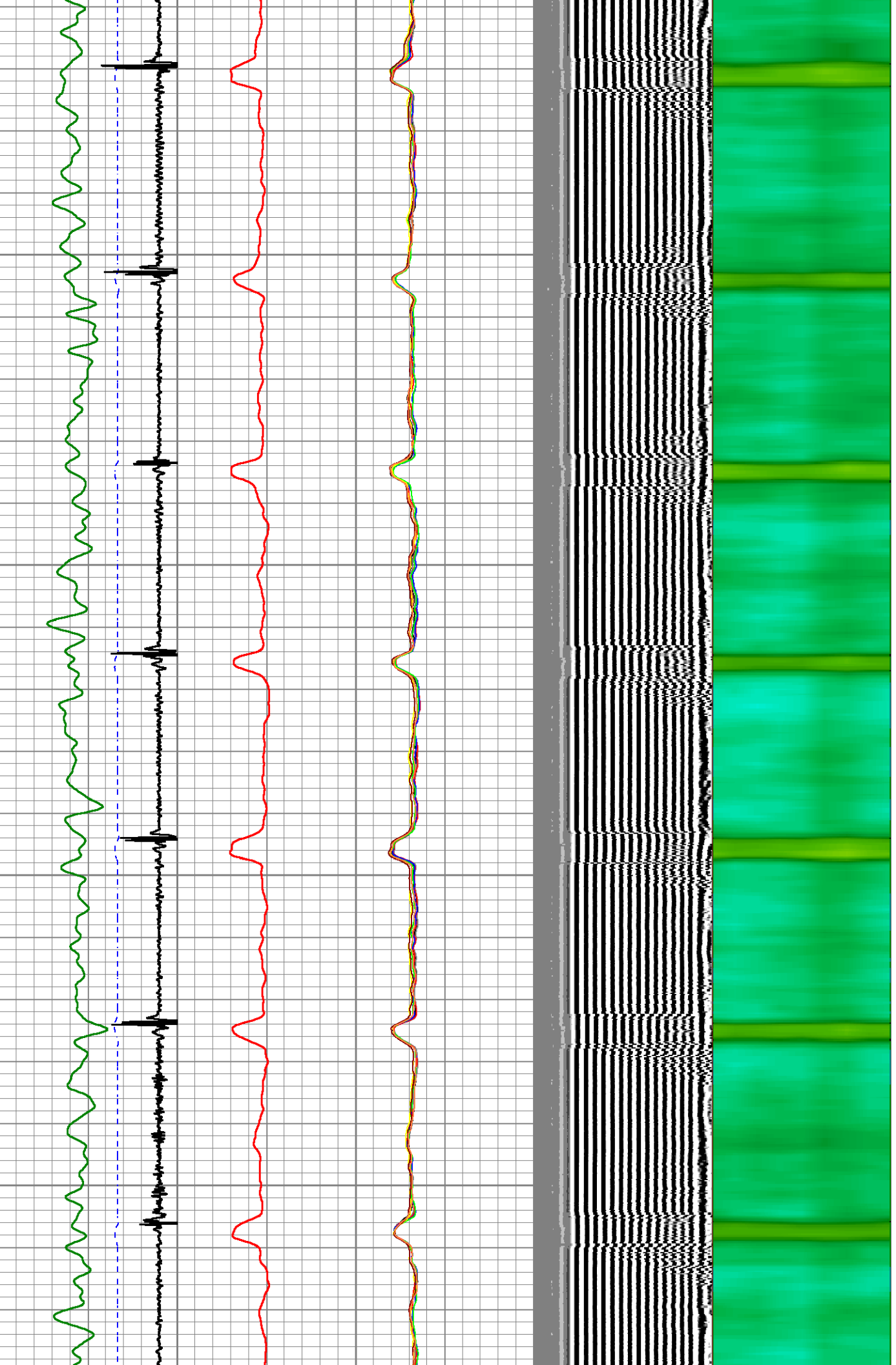


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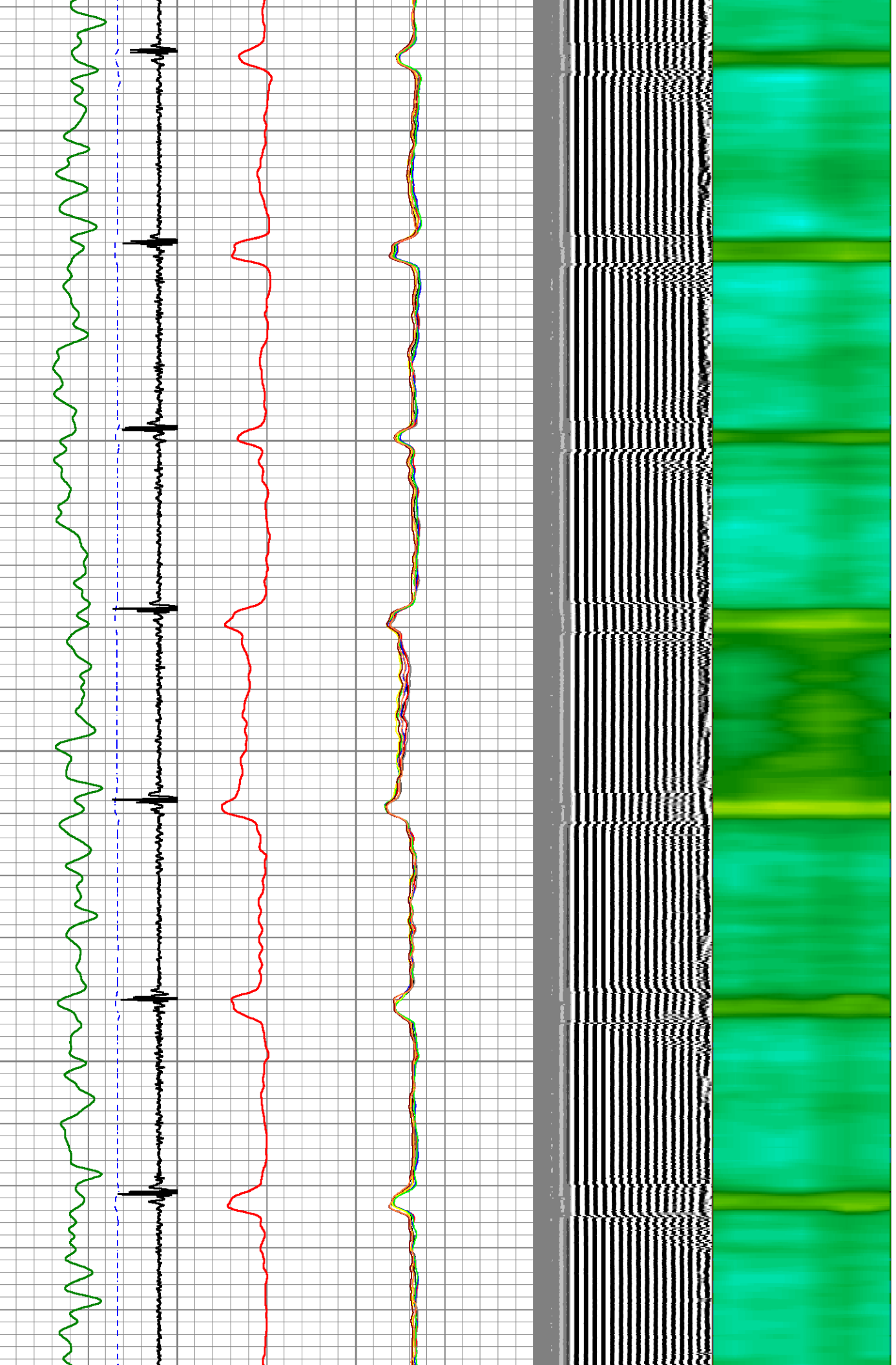


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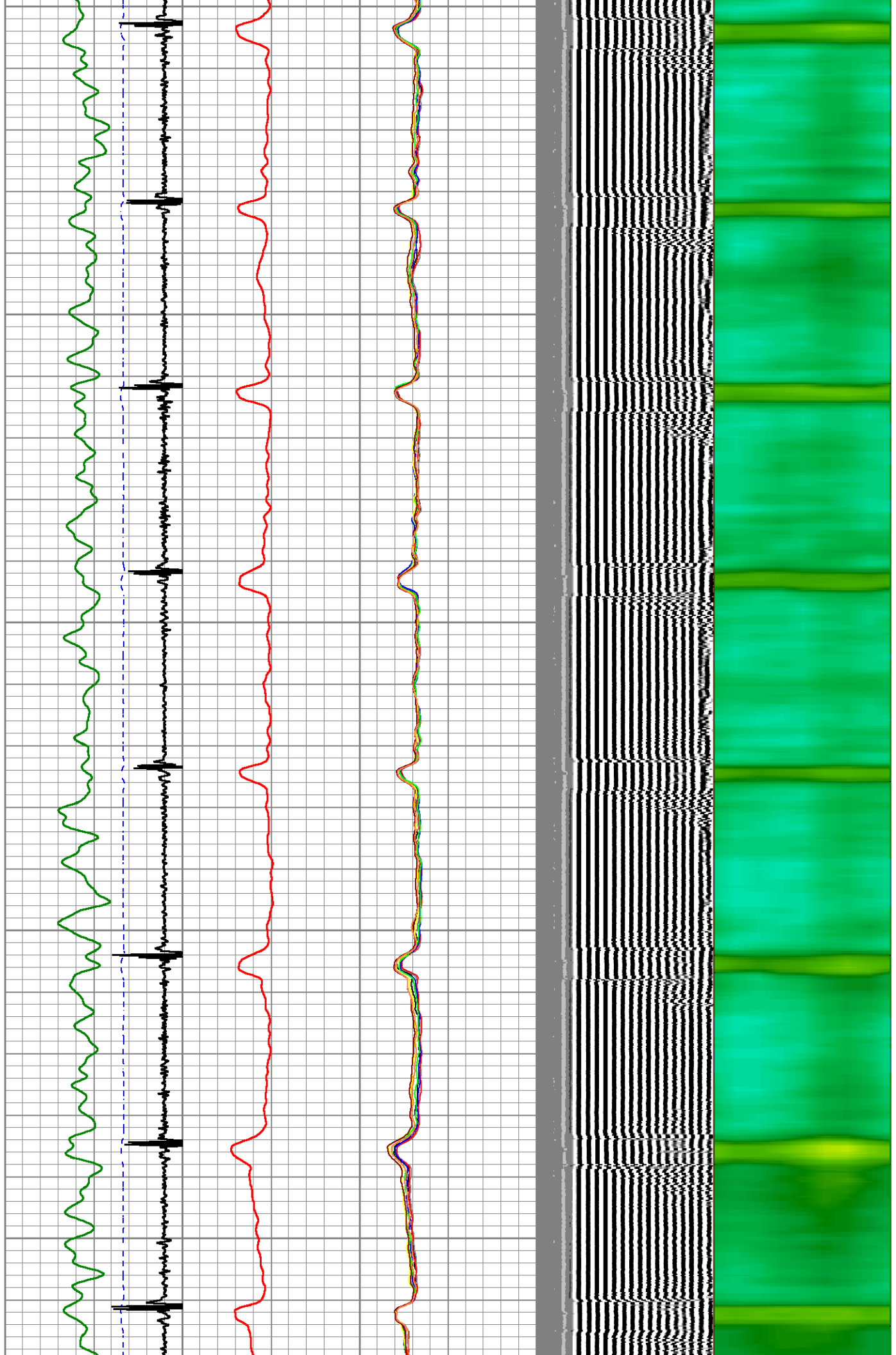
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3800

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3900
3950
4000
4050
4100

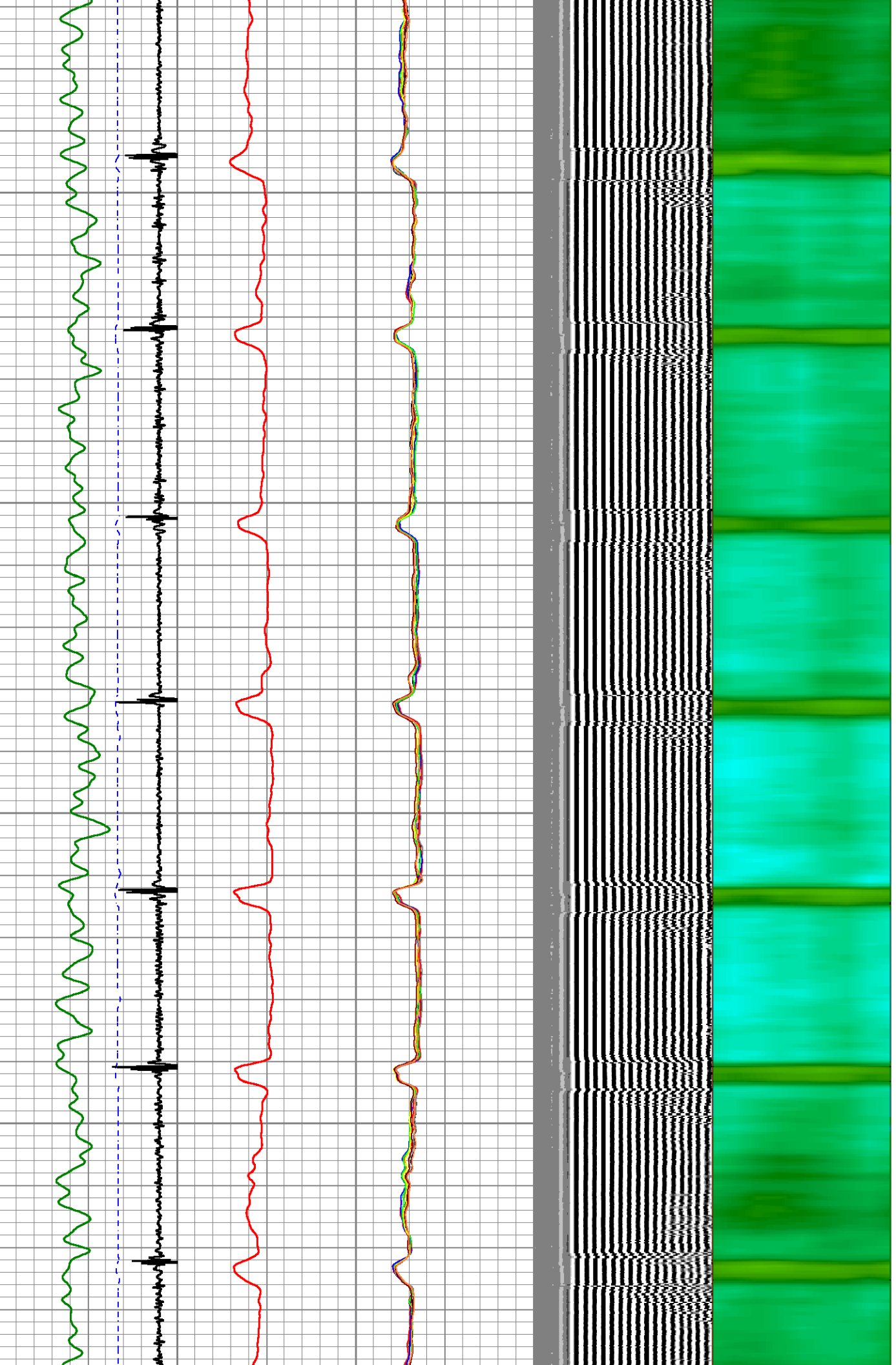


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4200

4250

4300



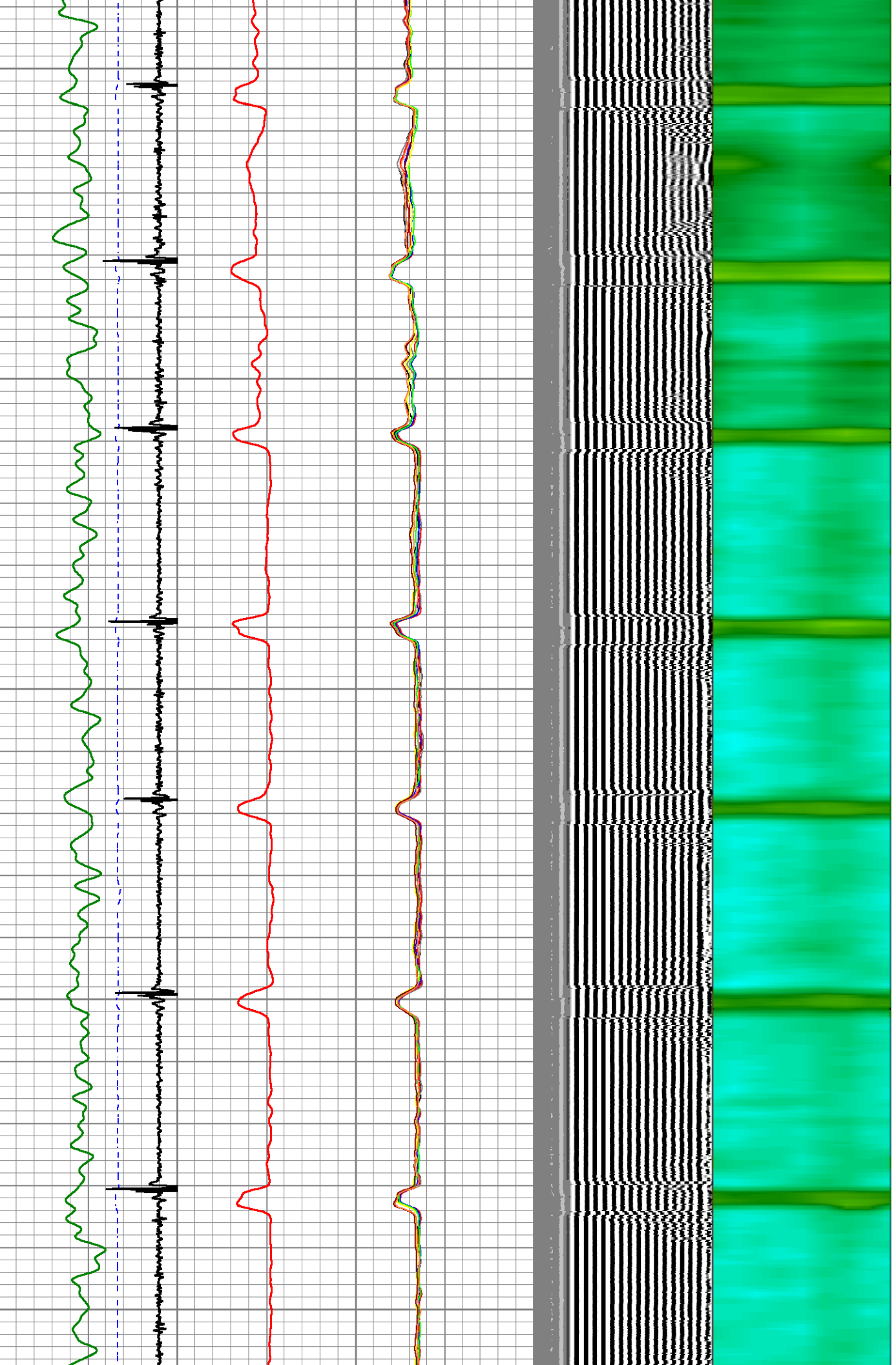
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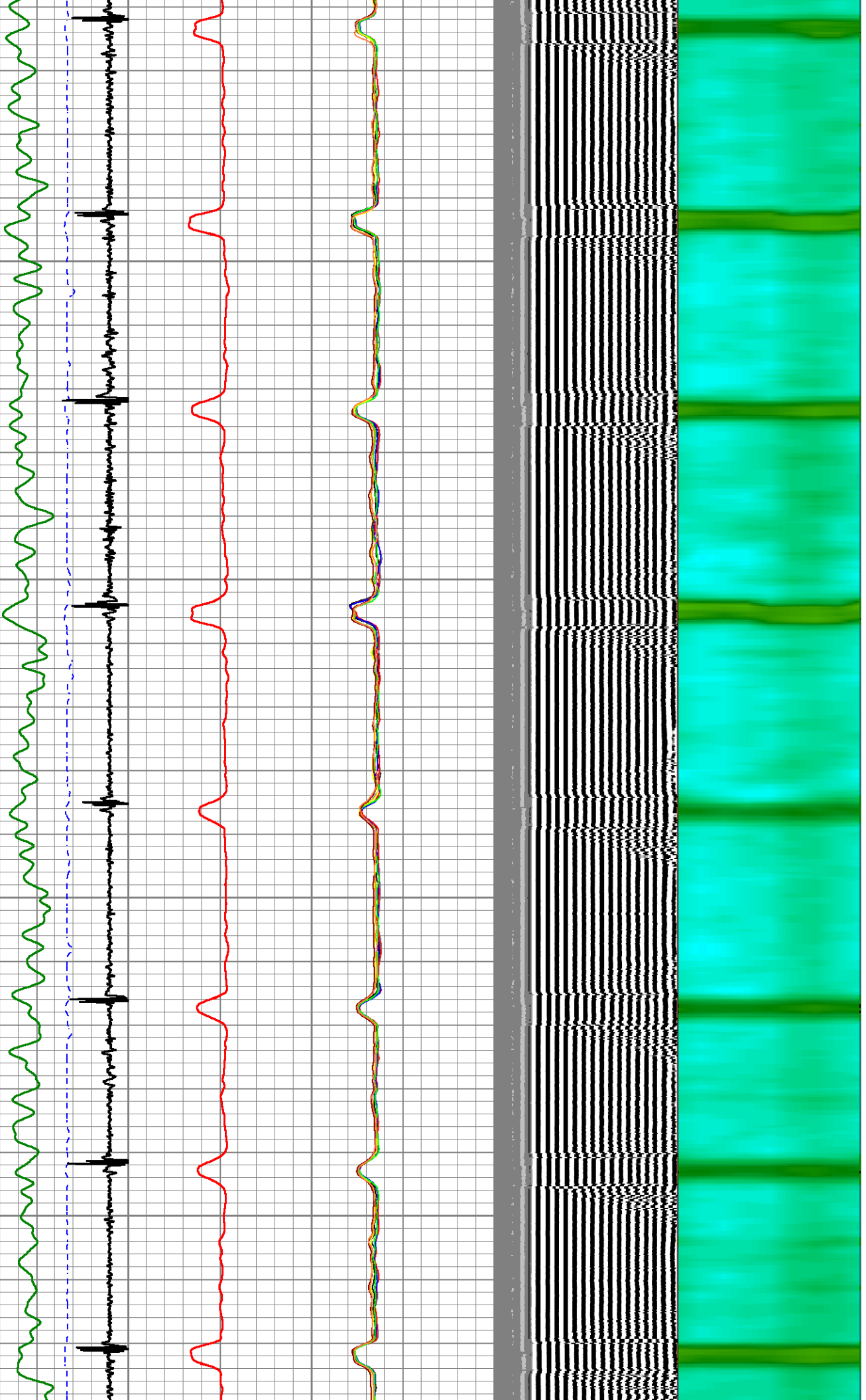


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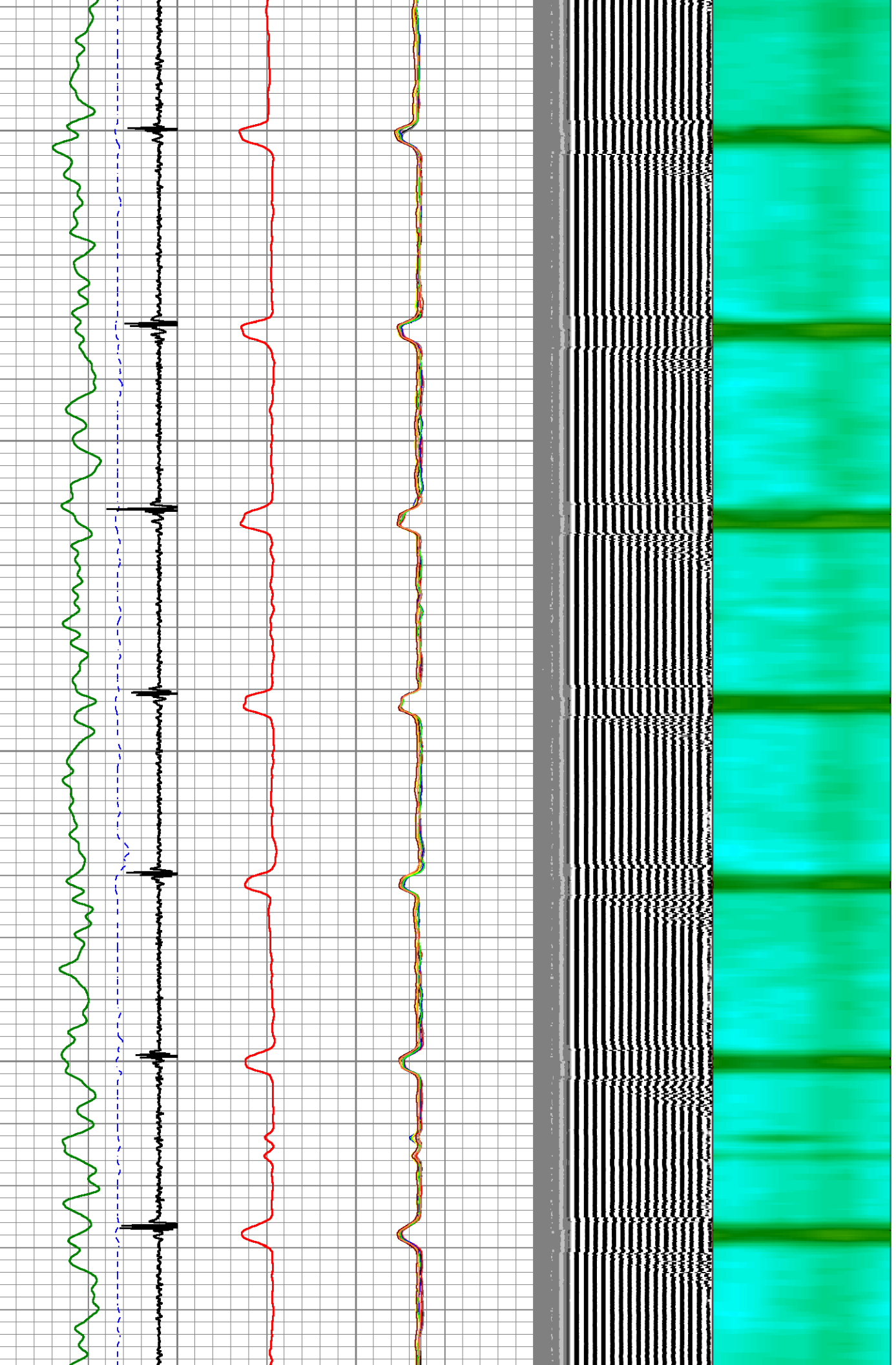


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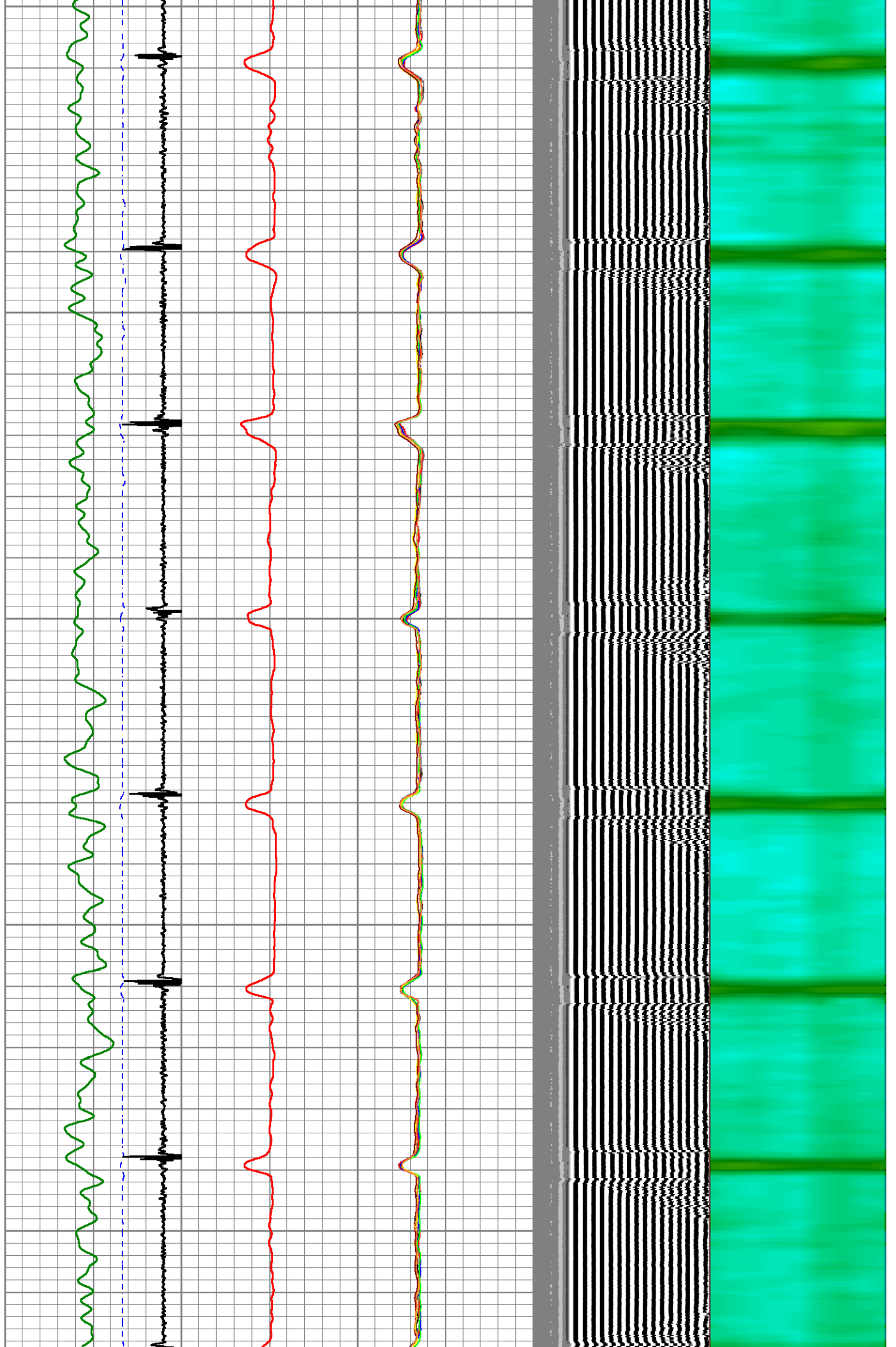
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5000
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5100
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5200

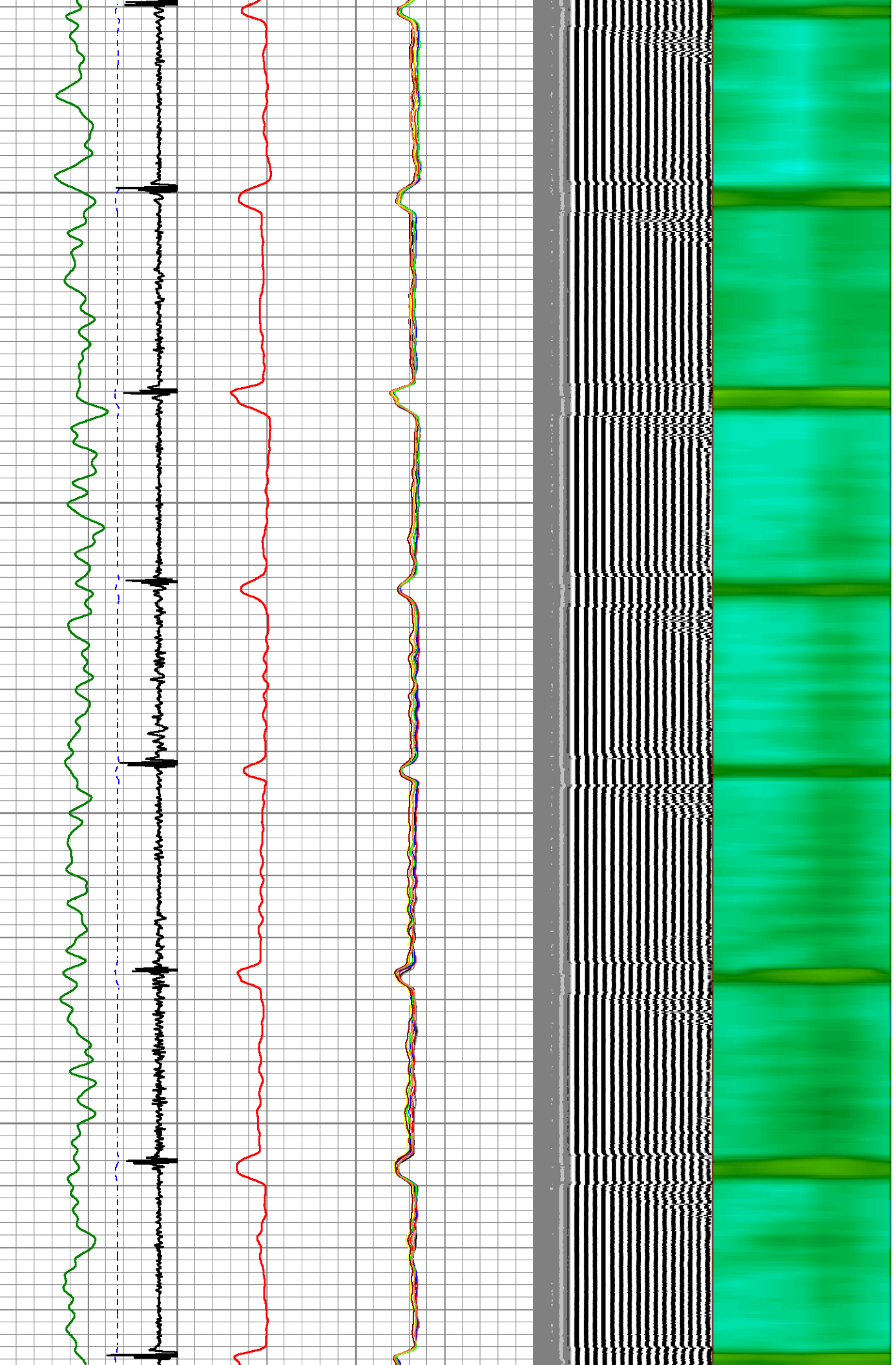


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5300

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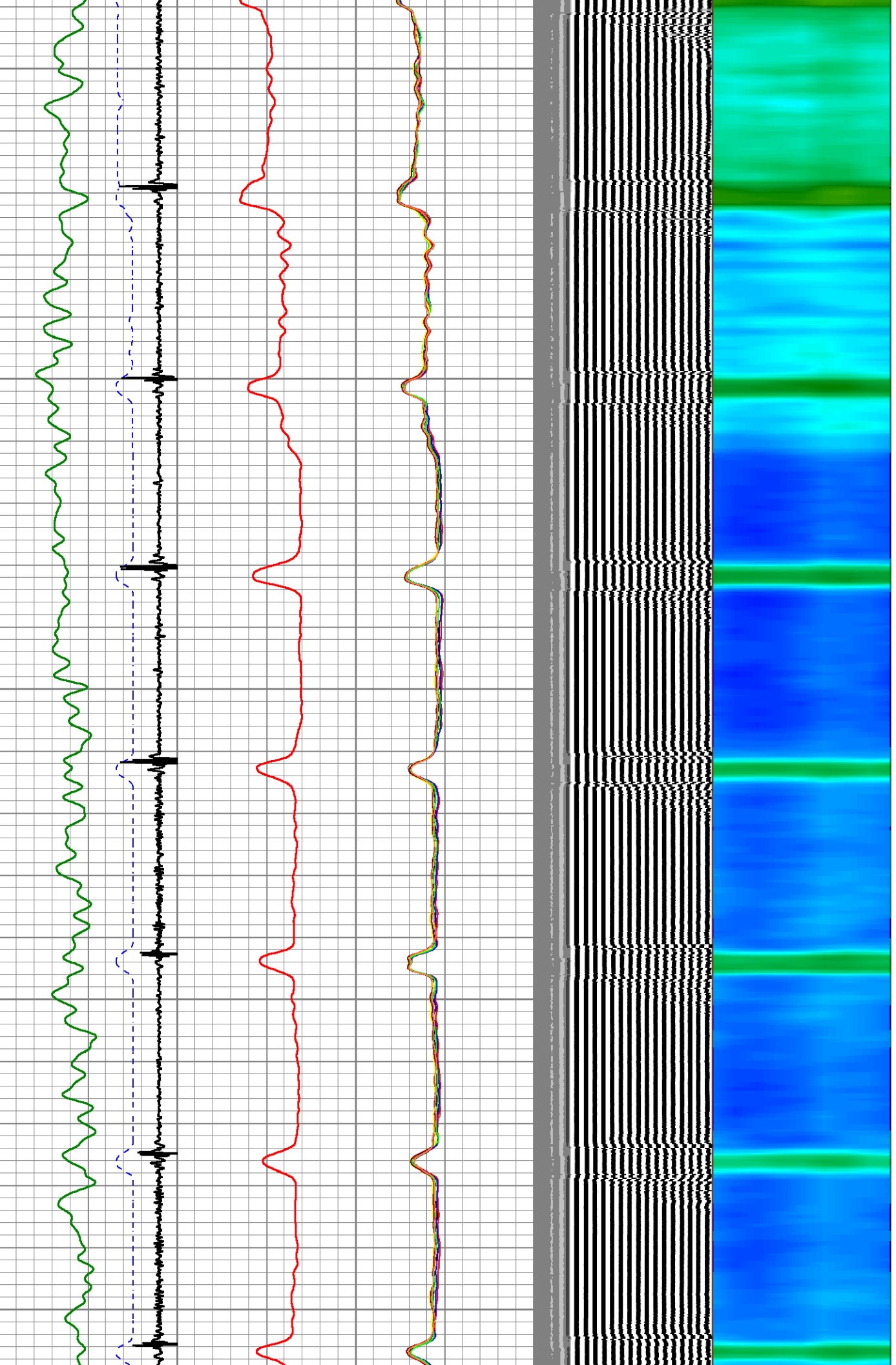
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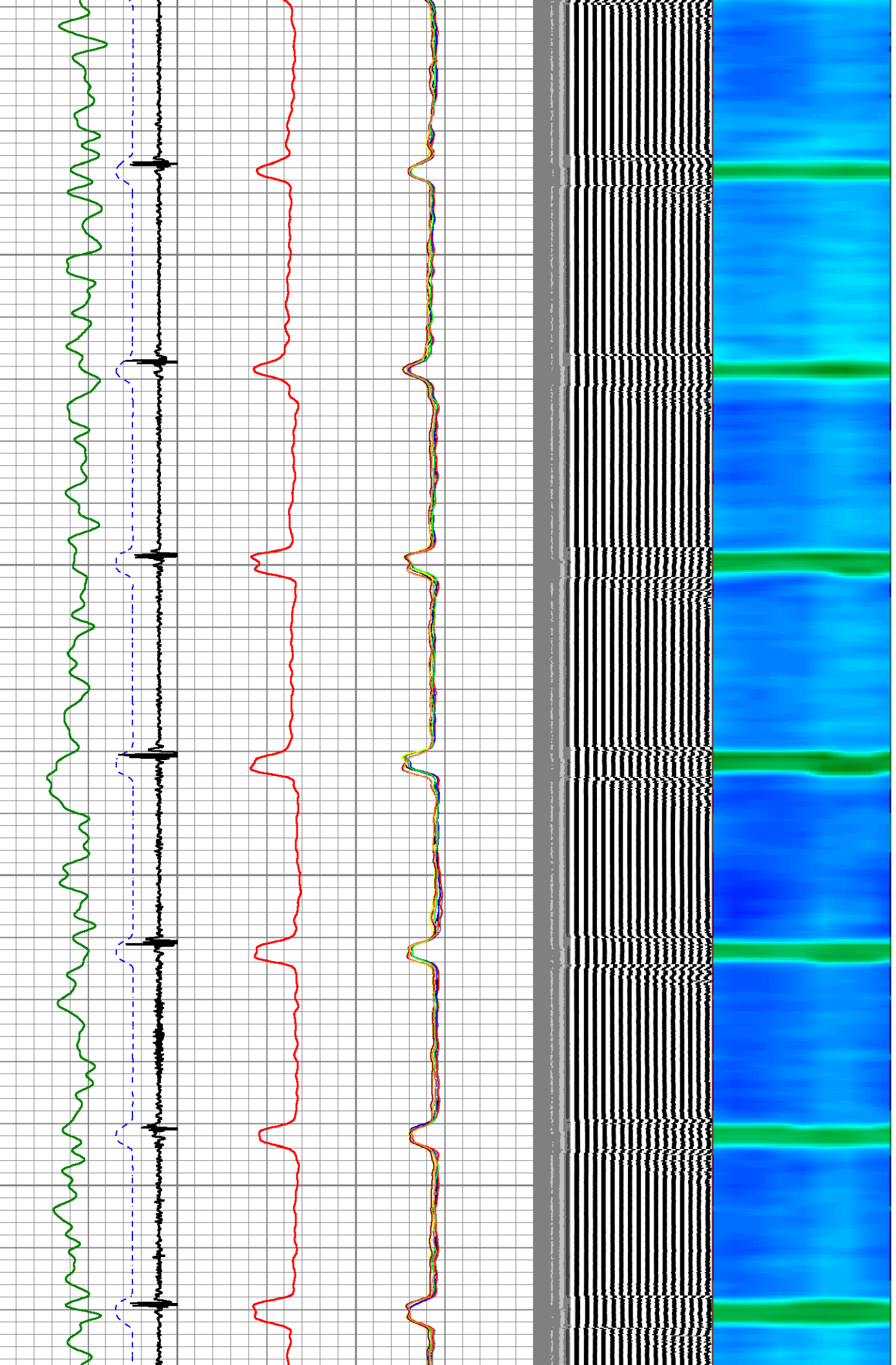


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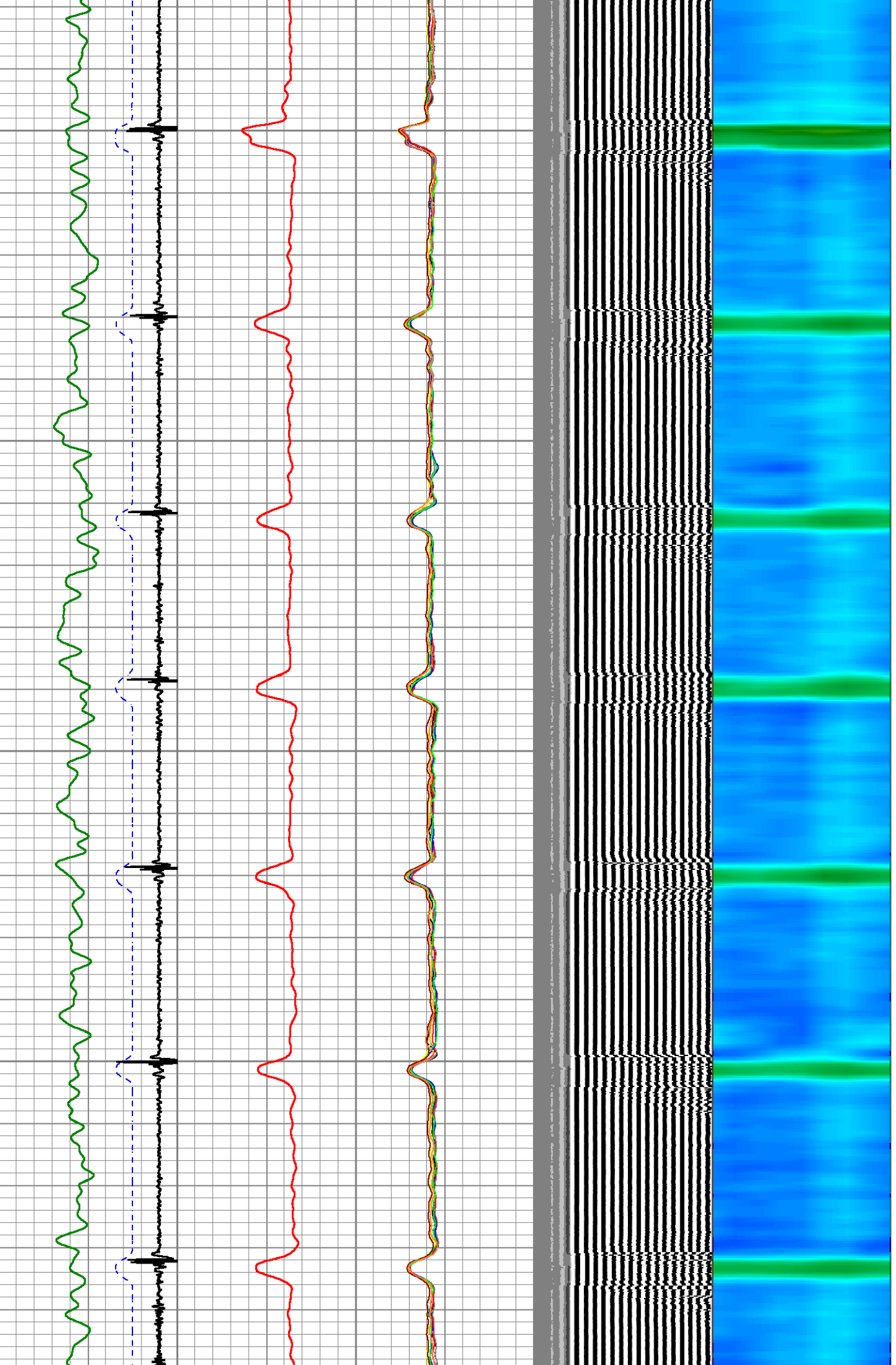


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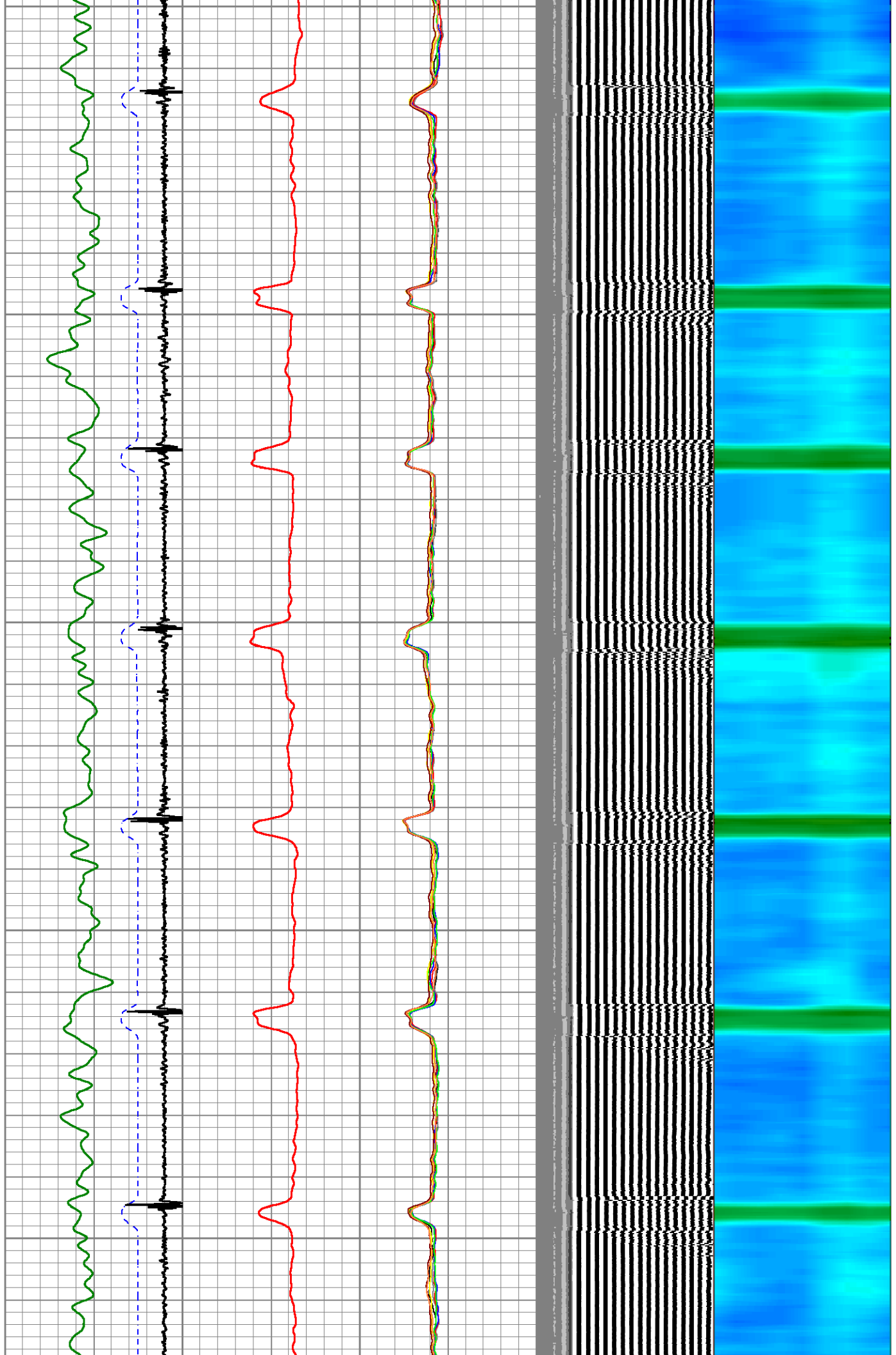
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6000

6050



6100
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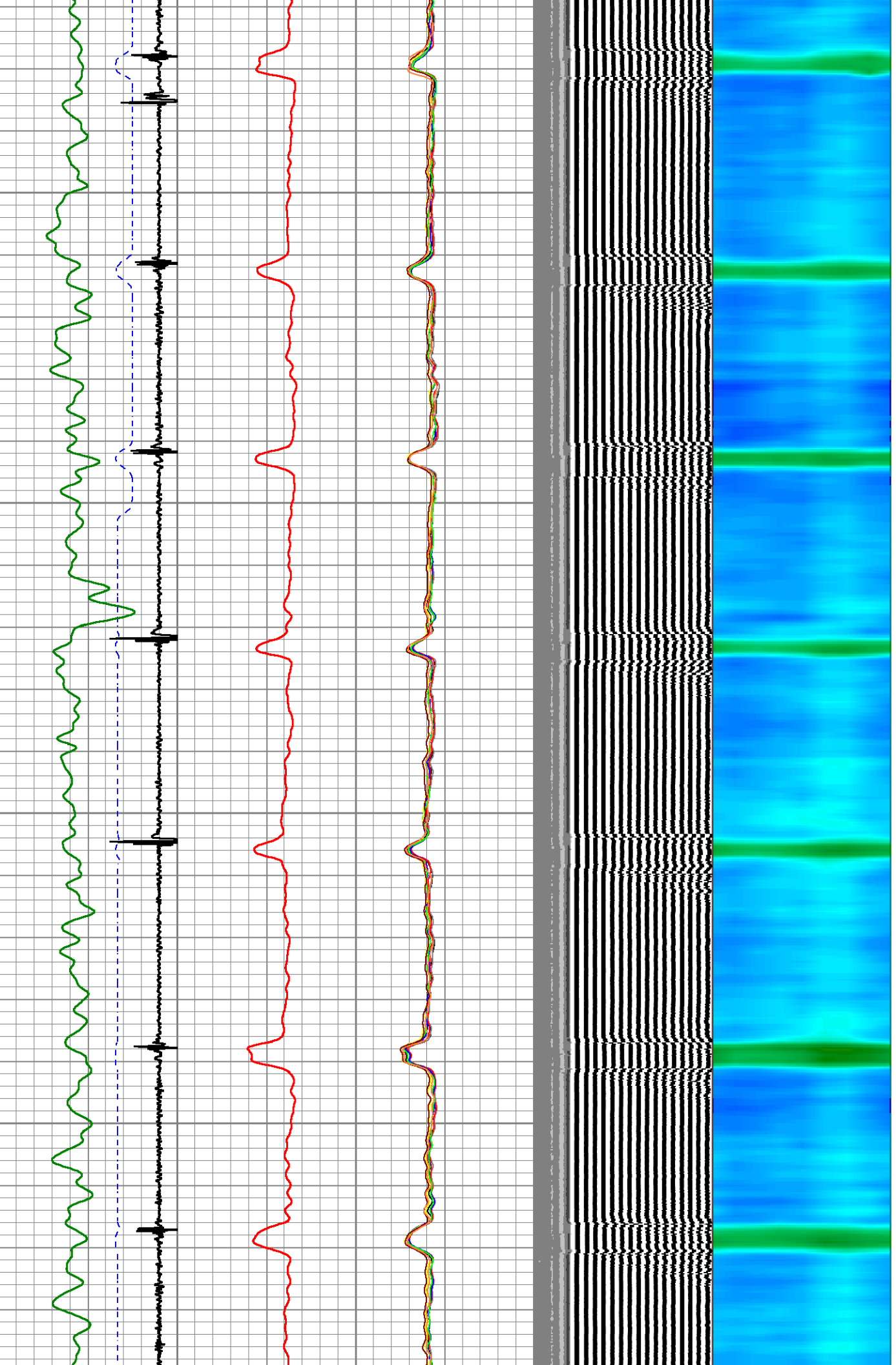


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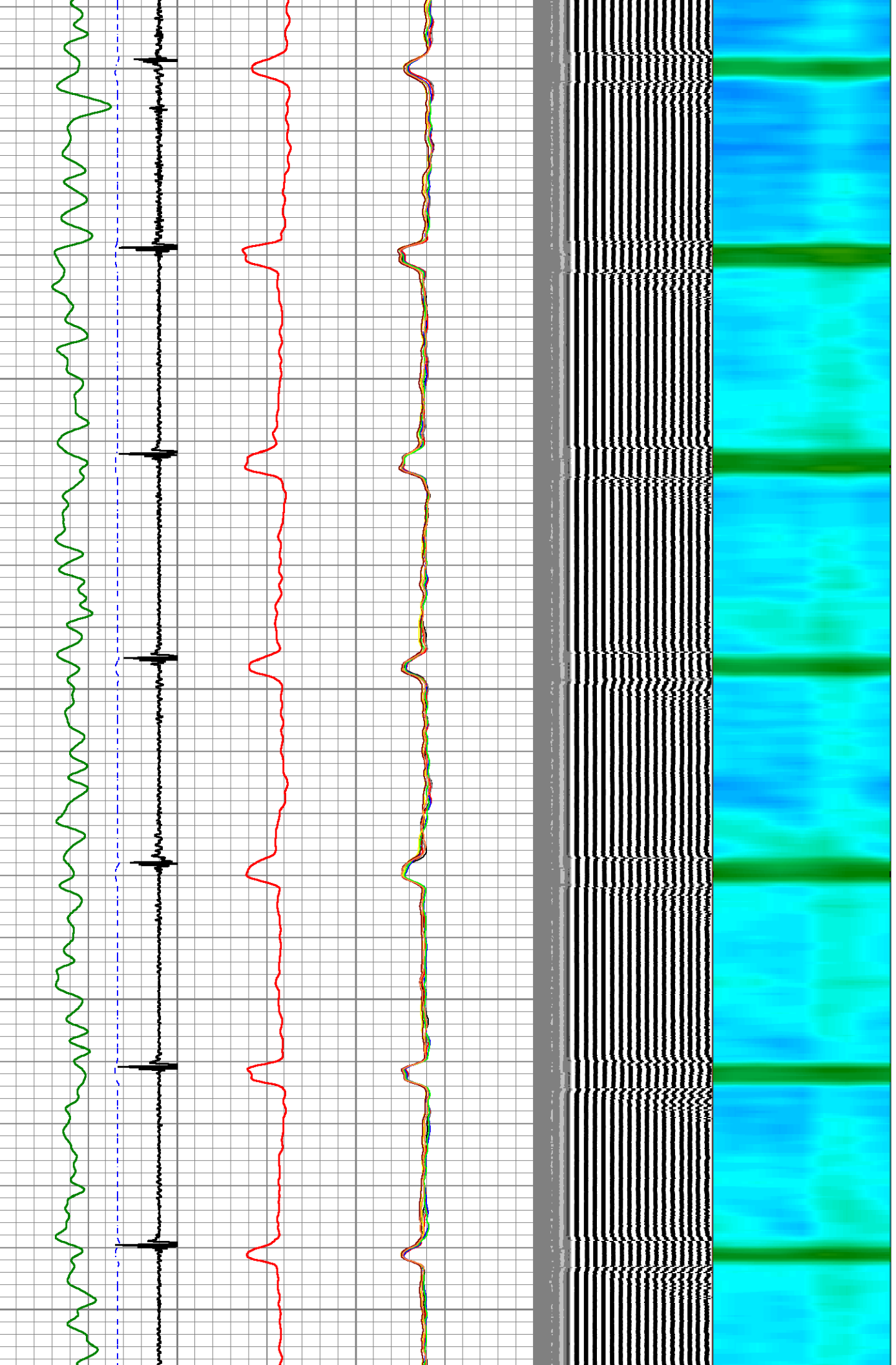
6550

6600

6650

6700

6750



6800

6850

6900

GR

CCL

AMP3FT

- AMPS1
- AMPS2
- AMPS3
- AMPS4
- AMPS5
- AMPS6
- AMPS7
- AMPS8

| | | | | | | | | | | | | | | | |
|----------|------|-----------|-----|---|------------|-----|---|-------|-----|-----|------------|------|---|------------|---|
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| | | GR (GAPI) | 500 | | | | | AMPS4 | 150 | | | | | | |
| | | | | | | | | AMPS5 | 150 | | | | | | |
| | | | | | | | | AMPS6 | 150 | | | | | | |
| | | | | | | | | AMPS7 | 150 | | | | | | |
| | | | | | | | | AMPS8 | 150 | | | | | | |



| | | |
|---|-------|-----|
| 0 | AMPS7 | 150 |
| 0 | AMPS8 | 150 |

Calibration Report

Database File 5-5inch--civ-state-of-colorado-x-1.db
 Dataset Pathname cbl/m
 Dataset Creation Tue Nov 18 07:30:09 2025

Gamma Ray Calibration Report

Serial Number: 27GRL10-XXXX
 Tool Model: 27GRL10
 Performed: Mon Mar 11 13:46:24 2024

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.5000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: Greeley-Ext-Temp-5.5"
 Tool Model: 27SBT10

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 5542.858 ft

Master Calibration, performed Tue Nov 18 07:24:41 2025:

| | Raw (v) | | Calibrated (mv) | | Results | |
|-----|---------|-------|-----------------|--------|---------|--------|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| 3' | 0.038 | 0.989 | 0.250 | 71.921 | 75.339 | -2.611 |
| CAL | 2.073 | 1.636 | | | | |
| 5' | 0.031 | 0.611 | 0.250 | 71.921 | 123.619 | -3.592 |
| SUM | | | | | | |
| S1 | 0.040 | 0.971 | 0.000 | 71.921 | 77.214 | -3.067 |
| S2 | 0.022 | 0.999 | 0.000 | 71.921 | 73.621 | -1.610 |
| S3 | 0.023 | 0.997 | 0.000 | 71.921 | 73.853 | -1.697 |
| S4 | 0.026 | 1.026 | 0.000 | 71.921 | 71.893 | -1.838 |
| S5 | 0.026 | 1.041 | 0.000 | 71.921 | 70.850 | -1.847 |
| S6 | 0.024 | 1.069 | 0.000 | 71.921 | 68.807 | -1.648 |
| S7 | 0.023 | 1.025 | 0.000 | 71.921 | 71.783 | -1.624 |
| S8 | 0.020 | 1.013 | 0.000 | 71.921 | 72.434 | -1.482 |

Internal Reference Calibration, performed (Not Performed):

| | Raw (v) | | Calibrated (v) | | Results | |
|-----|---------|-------|----------------|-------|---------|--------|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| CAL | 0.000 | 0.000 | 2.073 | 1.636 | 1.000 | 0.000 |

Air Zero Calibration, performed Tue Nov 18 06:45:18 2025:

| | Raw (v) | | Calibrated (v) | | Results | |
|----|---------|--|----------------|--|---------|--------|
| | Zero | | Zero | | Gain | Offset |
| 3' | 0.000 | | 0.000 | | | 0.000 |
| 5' | 0.000 | | 0.000 | | | 0.000 |

| | | | |
|-----|-------|-------|-------|
| SUM | 0.000 | 0.000 | 0.000 |
| 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 |



| | | |
|---------|-----------------------|-------------|
| Company | CIVITAS | |
| Well | STATE OF COLORADO X 1 | |
| Field | LOWRY | |
| County | APAPAHOE | |
| State | CO | Country USA |