



FILE NO: \_\_\_\_\_ COMPANY **TEP ROCKY MOUNTAIN LLC**

WELL **YOUBERG RU 323-7**

API NO: **0504523133** FIELD **RULISON**

COUNTY **GARFIELD** STATE **COLORADO**

Ver. 4.06 LOCATION: **SHL:2013' FNL & 1904' FWL** OTHER SERVICES **RPM**

**BHL:1791' FSL & 2613' FWL**

SEC **7** TWP **7S** RGE **93W**

PERMANENT DATUM **GL** ELEVATION **7339 FT**

LOG MEASURED FROM **KB** **24 FT** ABOVE P.D.

DRILL. MEAS. FROM **KB** ELEVATIONS: **KB 7363 FT**

**DF**  
**GL 7339 FT**

DATE **30-SEP-2016**

RUN **1** TRIP **1**

SERVICE ORDER **US109464**

DEPTH DRILLER **9605 FT**

DEPTH LOGGER **9478 FT**

BOTTOM LOGGED INTERVAL **9478 FT**

TOP LOGGED INTERVAL **24 FT**

TIME STARTED **07:00**

TIME FINISHED **10:00**

OPERATOR RIG TIME **3 HRS**

TYPE OF FLUID IN HOLE **WATER**

FLUID DENSITY **NA**

FLUID SALINITY **NA**

FLUID LEVEL **44 FT**

LOGGED CEMENT TOP **SEE LOG**

WELLHEAD PRESSURE **0 PSI**

MAXIMUM HOLE DEVIATION **NA**

NOMINAL LOGGING SPEED **100 F/MN**

MAX. RECORDED TEMP. **242 DEGF**

REFERENCE LOG **NA**

REFERENCE LOG DATE **NA**

EQUIP. NO. **6670** LOCATION **WOODWARD**

RECORDED BY **LOHANDLEY**

WITNESSED BY **CAPPLEGATE**

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

### BOREHOLE RECORD

| BIT SIZE | FROM | TO |
|----------|------|----|
|          |      |    |

### CASING RECORD

| SIZE   | WEIGHT    | GRADE | FROM  | TO |
|--------|-----------|-------|-------|----|
| 4.5 IN | 11.6 LB/F | P-110 | 24 FT |    |

### REMARKS

RUN 1 TRIP 1: LOG RAN WITH 0 PSI AT WELLHEAD

BHT:242  
SHORT JOINT:5510

CREW: K.NUTTER, K.WATKINS

### EQUIPMENT DATA

| RUN | TRIP | TOOL   | SERIES NO. | SERIAL NO. | POSITION    |
|-----|------|--------|------------|------------|-------------|
| 1   | 1    | RAL    | 1426 XA    | 10417452   | CENTRALIZED |
| 1   | 1    | GR/CCL | 1355 XA    | 12670181   | CENTRALIZED |

# MAIN LOG 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1 Patches: 9

Plotted: Fri Sep 30 11:32:55 2016

## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/TEP\_YOUBERG\_RU\_323\_7/n012g02.prm  
LOGGING MODE: DEPTH DIRECTION: UP  
TOP DEPTH: 20.250 ft BOTTOM DEPTH: 9483.480 ft

### SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE      | UNITS | INTERVAL (ft) |        |
|------------------|-----------|------------|-------|---------------|--------|
| GR               | FILTER () | medium (1) |       | TOP           | BOTTOM |
| AMPLITUDE        | FILTER () | medium (1) |       | "             | "      |
| TRAVEL TIME      | FILTER () | medium (1) |       | "             | "      |

### RAL CCL PROCESSING

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (ft) |        |
|------------------|-----------|-------|-------|---------------|--------|
| CCL FLOOR        | CCL FLOOR | 0     |       | TOP           | BOTTOM |

### ANALOG RAL PROCESSING

| MEASUREMENT TYPE          | PARAMETER                  | VALUE   | UNITS | INTERVAL (ft) |        |
|---------------------------|----------------------------|---------|-------|---------------|--------|
| AMPLITUDE WINDOW (NEAR)   | AMP WINDOW START (fgpn*)   | 176     | us    | TOP           | BOTTOM |
|                           | AMP WINDOW LENGTH          | 25      | us    | "             | "      |
| TRAVEL TIME WINDOW (NEAR) | TT WINDOW START (ttn*)     | 160     | us    | "             | "      |
|                           | TT WINDOW LENGTH           | 500     | us    | "             | "      |
|                           | FIRST BRK THRESHOLD (ttn*) | 4       | mV    | "             | "      |
| RAL CASING PARAMETERS     | PPT NEAR                   | 200.391 | us    | "             | "      |
| RAL TOOL DELAY            | TOOL DELAY (strn*)         | -75     | us    | "             | "      |
| BASELINE NOISE (NEAR)     | NOISE WINDOW START         | 125     | us    | "             | "      |
|                           | NOISE WINDOW LENGTH        | 25      | us    | "             | "      |

## CURVE DESCRIPTION REPORT

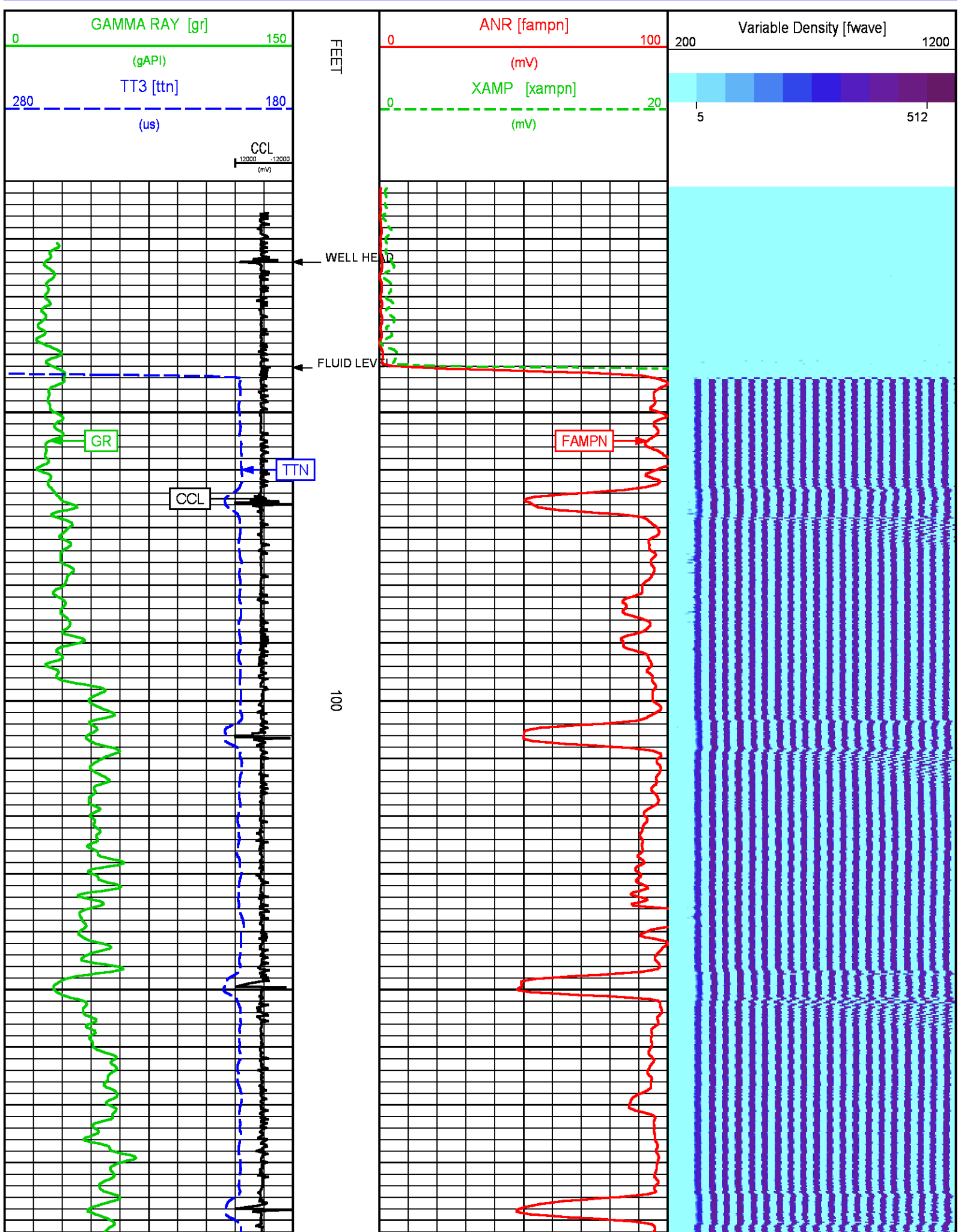
| CURVE NAME | CREATION DATE        | CURVE DESCRIPTION                             |
|------------|----------------------|---|
| F1:CCL     | Sep 30 08:35:42 2016 | CASING COLLAR LOCATOR                         |
| F1:FAMPN   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE NEAR RECEIVER            |
| F1:FWAVE   | Sep 30 08:35:42 2016 | FAR WAVE FORM                                 |
| F1:GR      | Sep 30 08:35:42 2016 | GAMMA RAY                                     |
| F1:TTN     | Sep 30 08:35:42 2016 | TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER     |
| F1:XAMPN   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE |

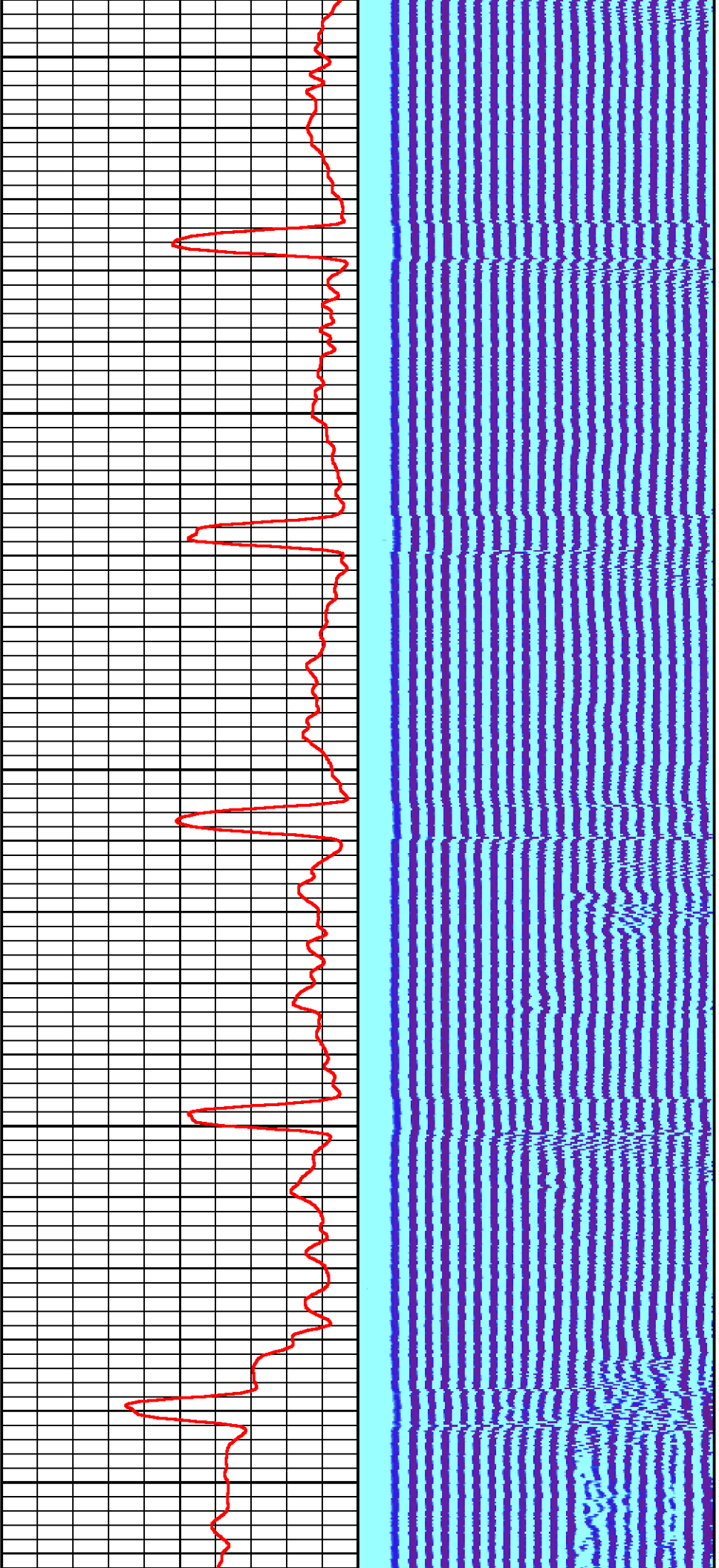
## CURVE MEASURE POINT OFFSET

| CURVE | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) |
|-------|-------------|-------|-------------|-------|-------------|-------|-------------|
| CCL   | 5.75        | GR    | 1.75        | XAMPN | 11.25       |       |             |
| FAMPN | 11.25       | TTN   | 11.25       |       |             |       |             |

Presentation : cpu100:/dat1a/TEP\_YOUBERG\_RU\_323\_7/ral\_cbl+01-MAIN-MAINRAL-5.fvpdf [5"/100' Scale]  
Plot Interval : 10 - 9482.75 Feet

Data File 1 : F1 : cpu100:/dat1a/TEP\_YOUBERG\_RU\_323\_7/MAINRAL.xtf  
Created On : Sep 30 08:35:42 2016  
Company : TEP ROCKY MOUNTAIN LLC  
Well : YOUBERG RU 323-7  
Field : RULISON  
File Name : 10 - 9482.75 Feet

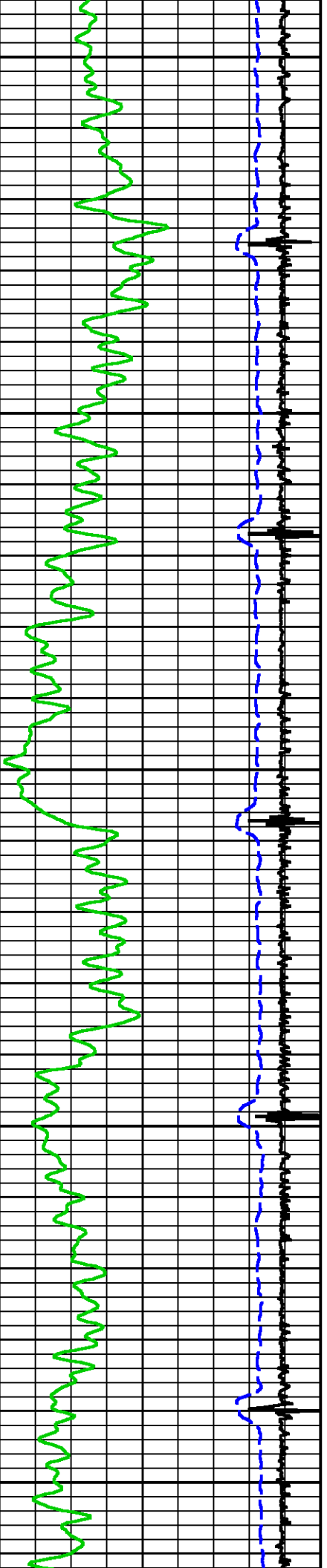




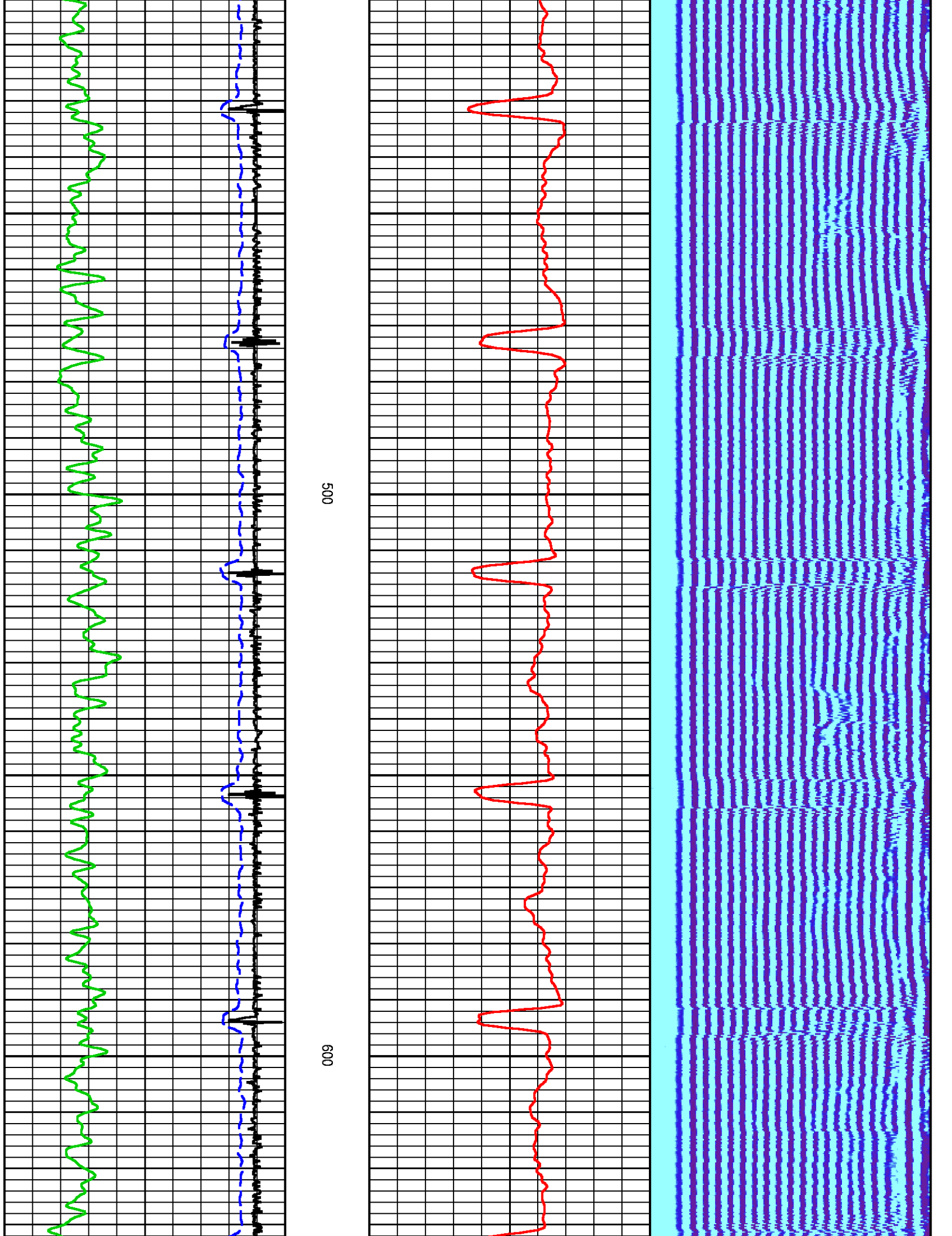
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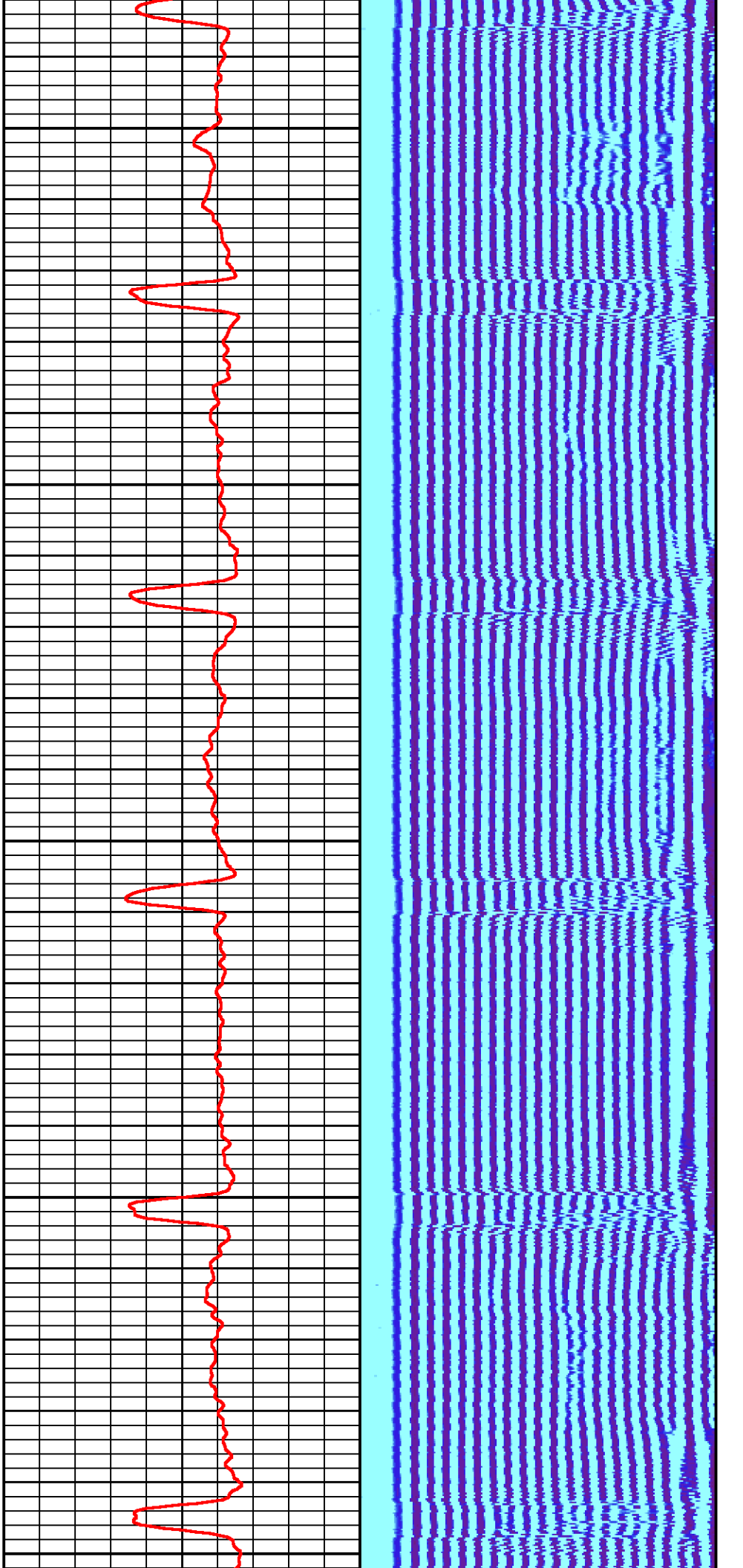
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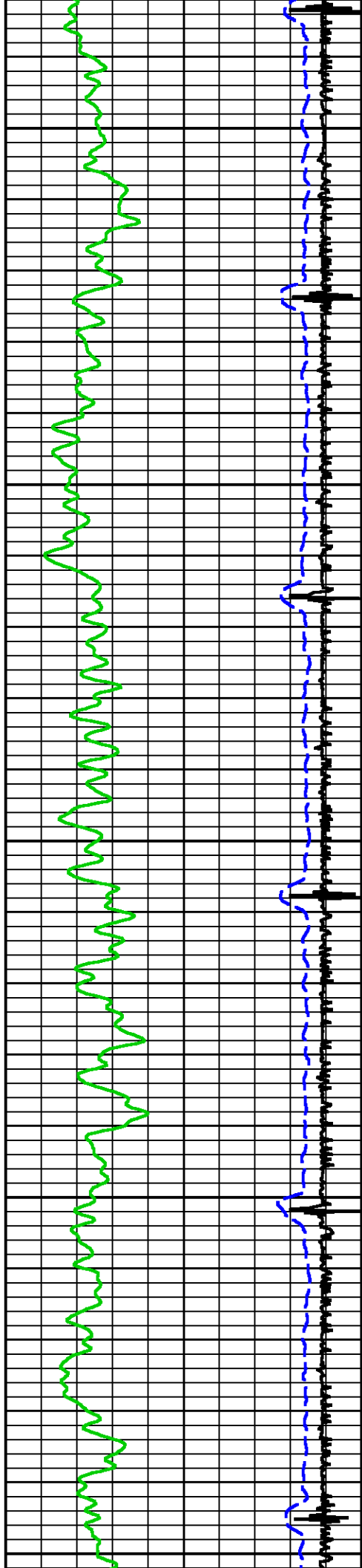


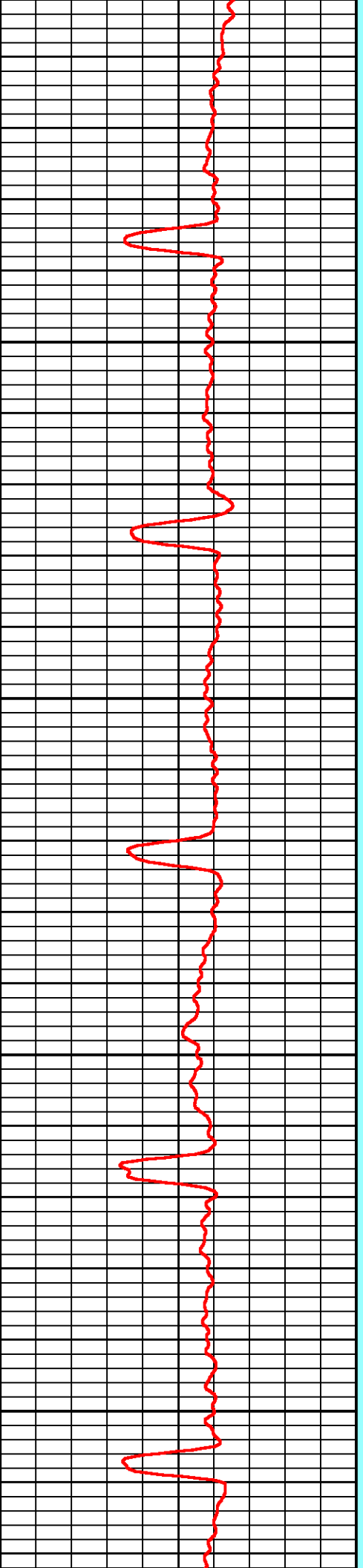
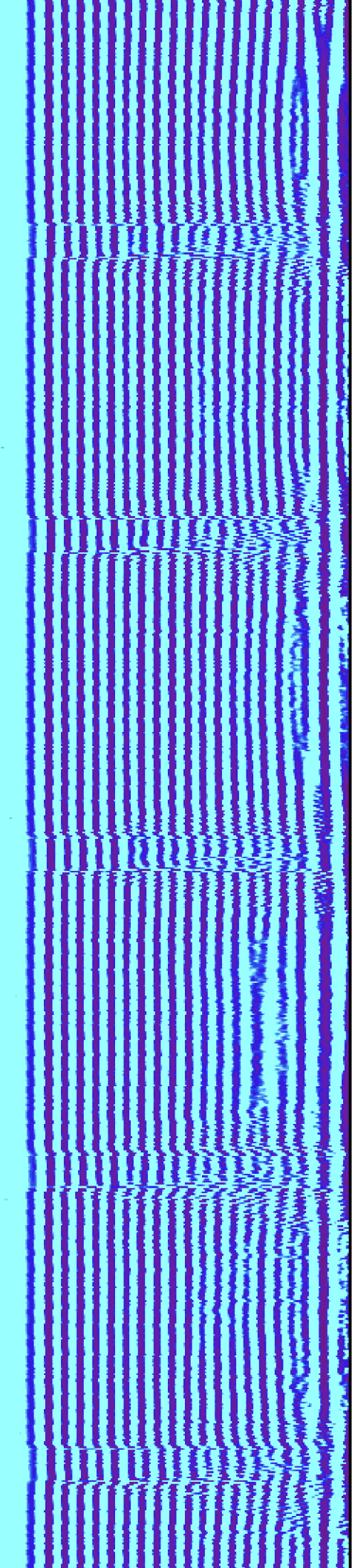




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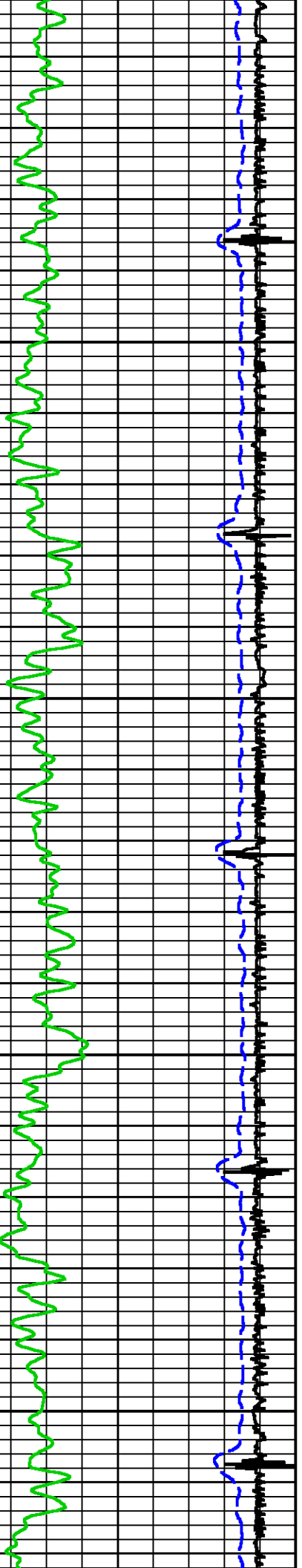
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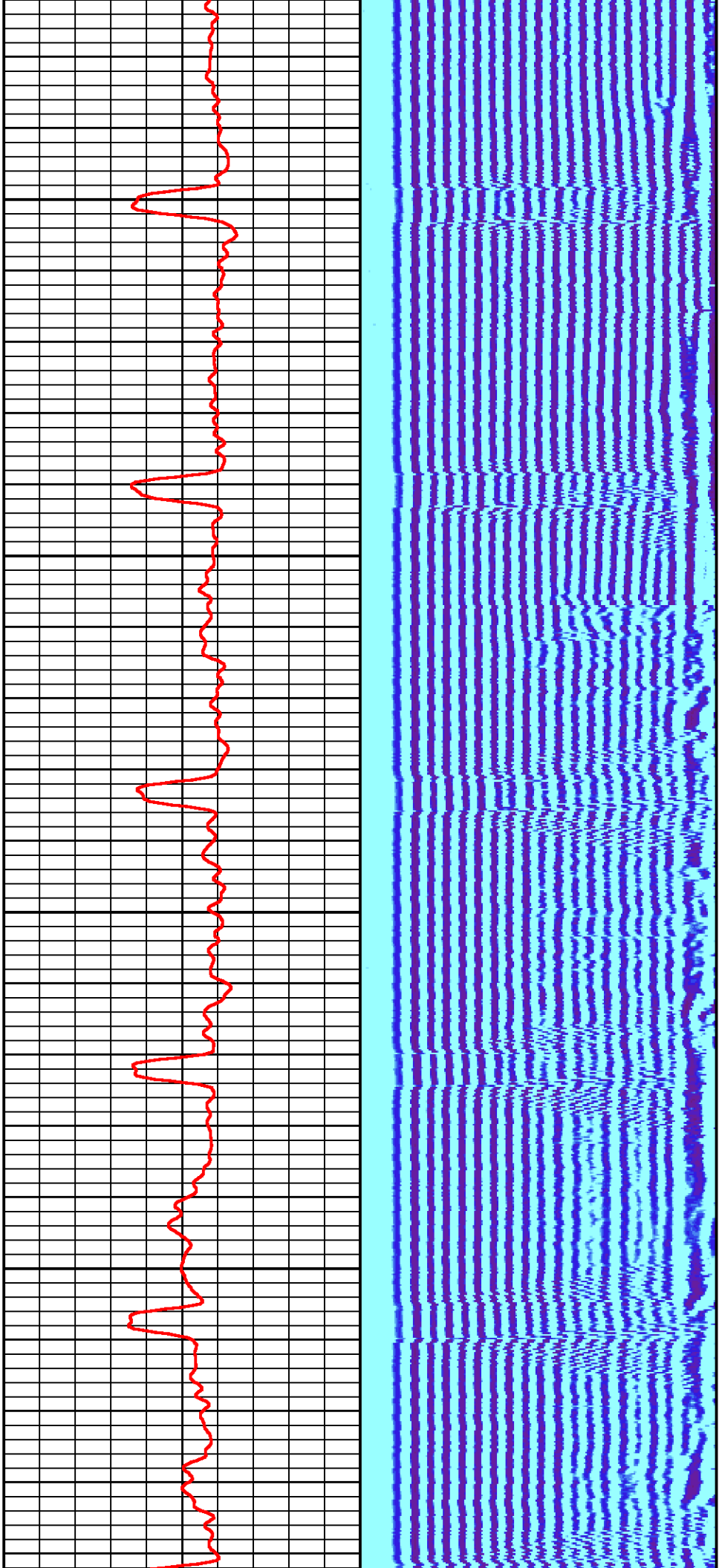




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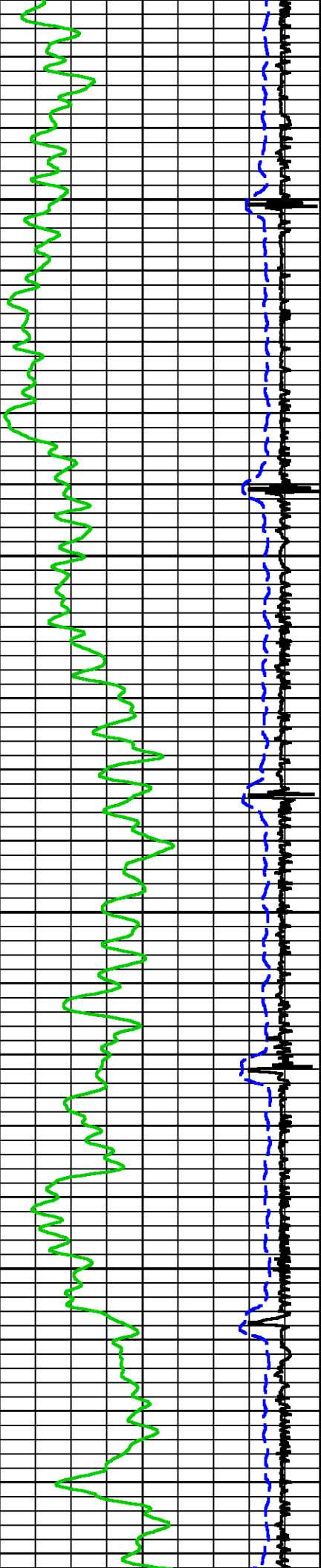
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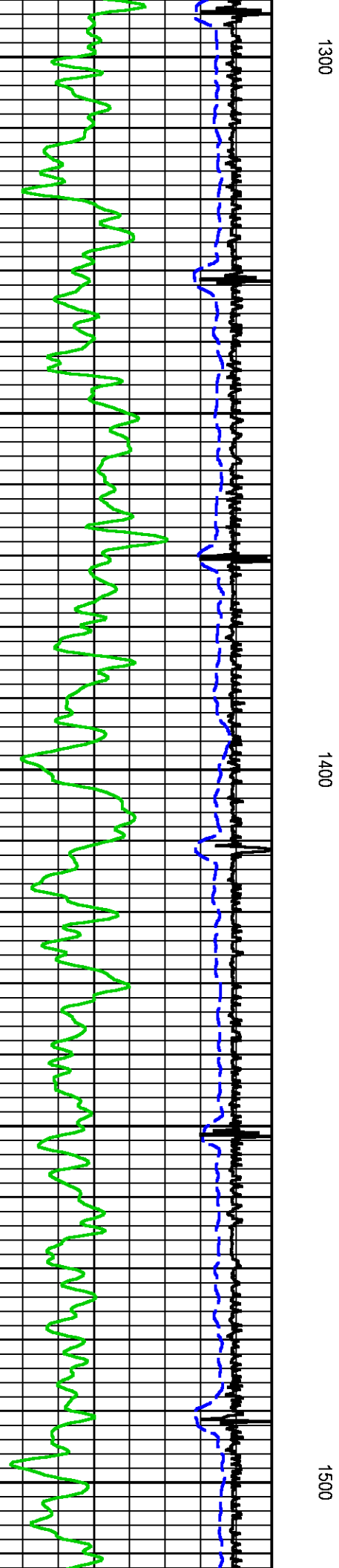
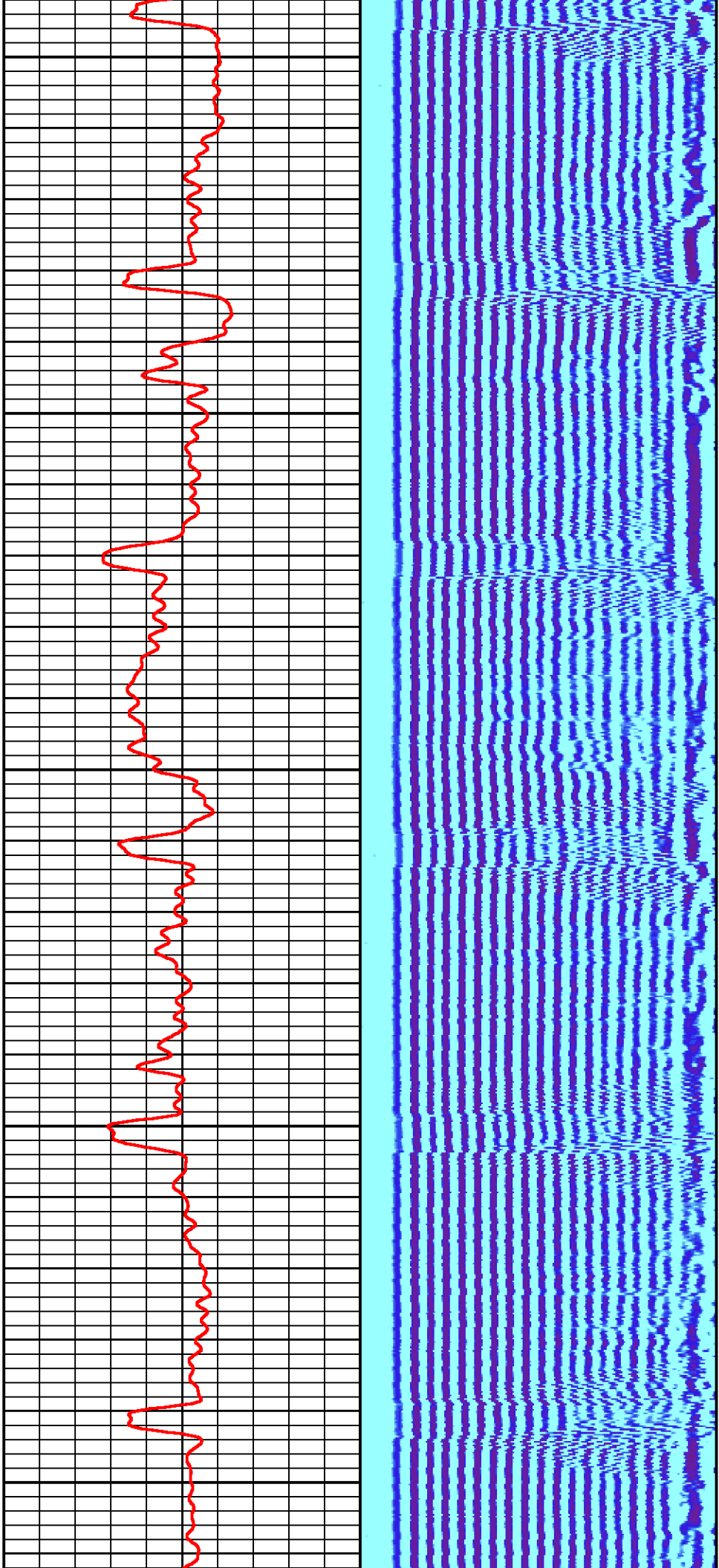


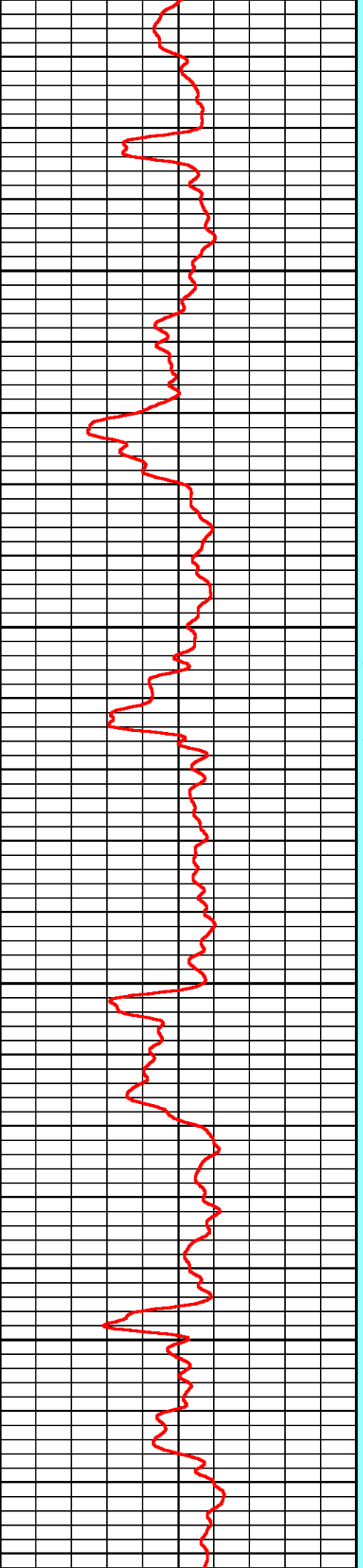
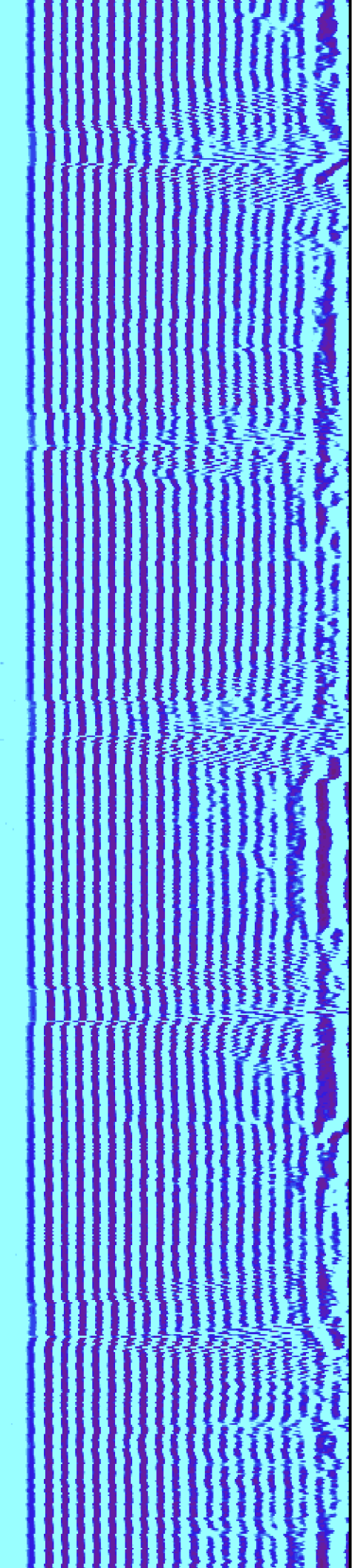
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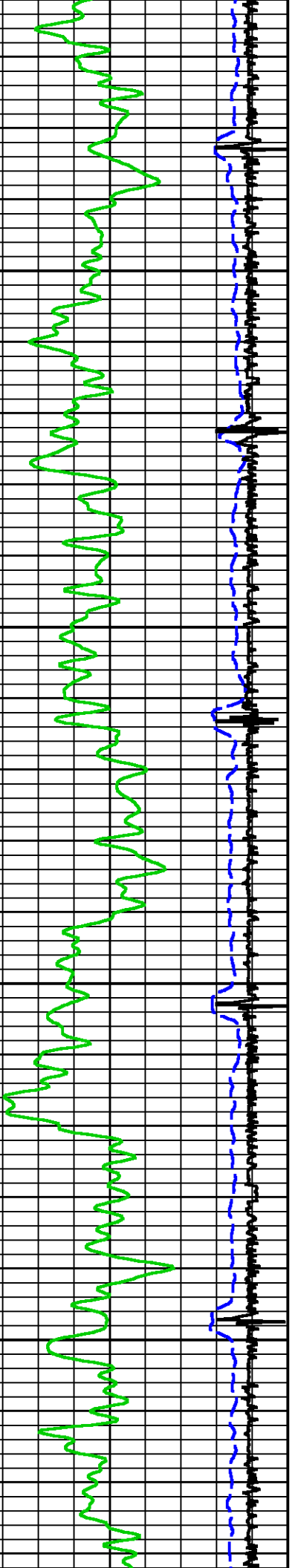




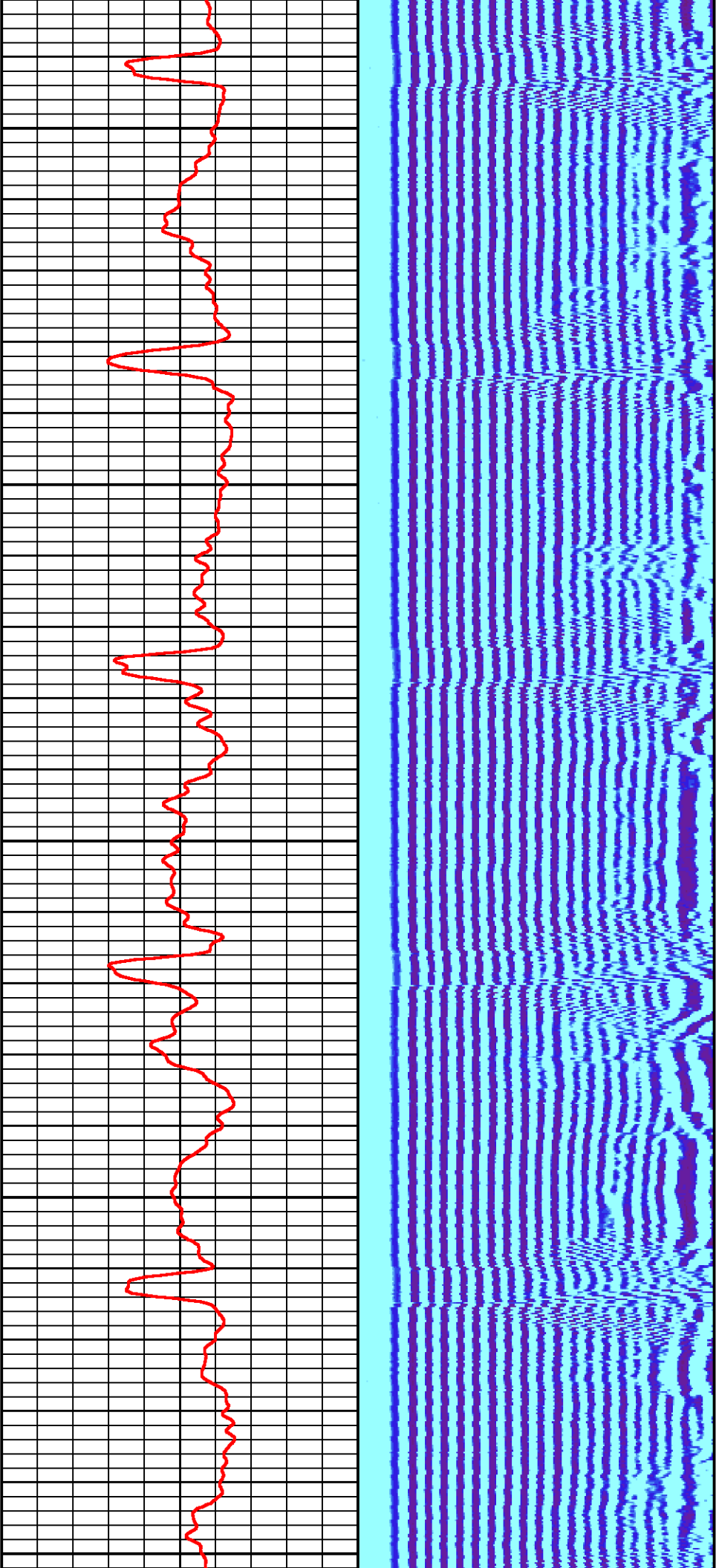


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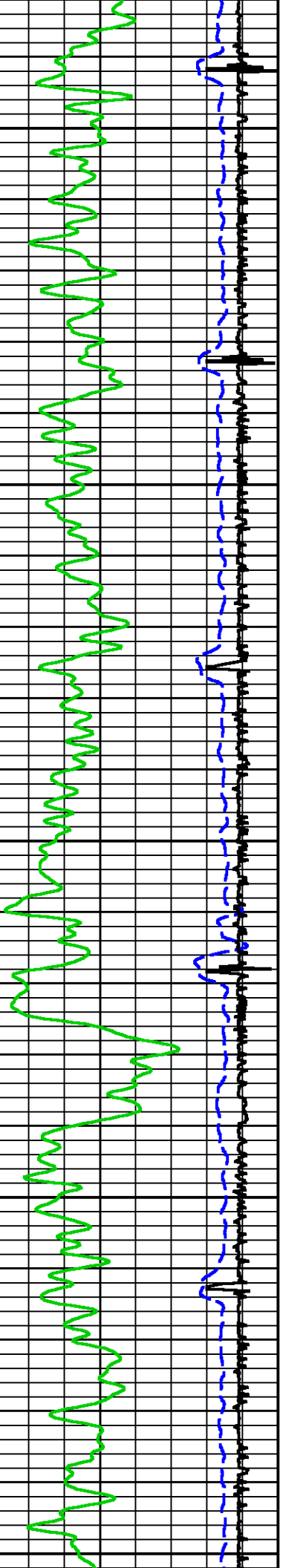


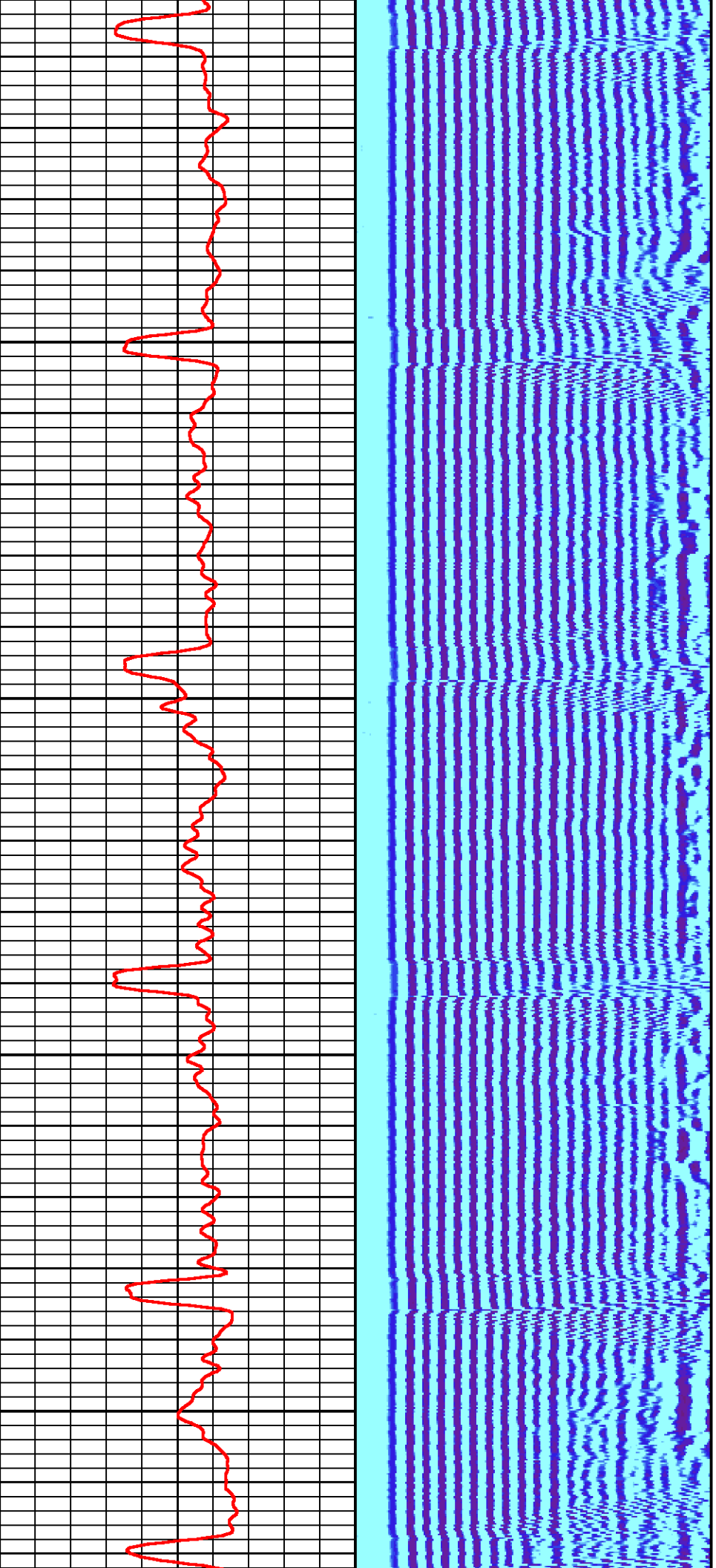




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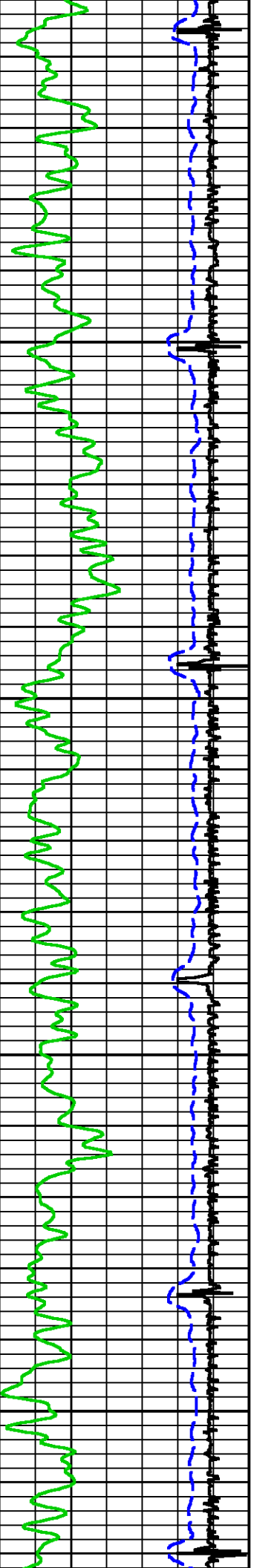
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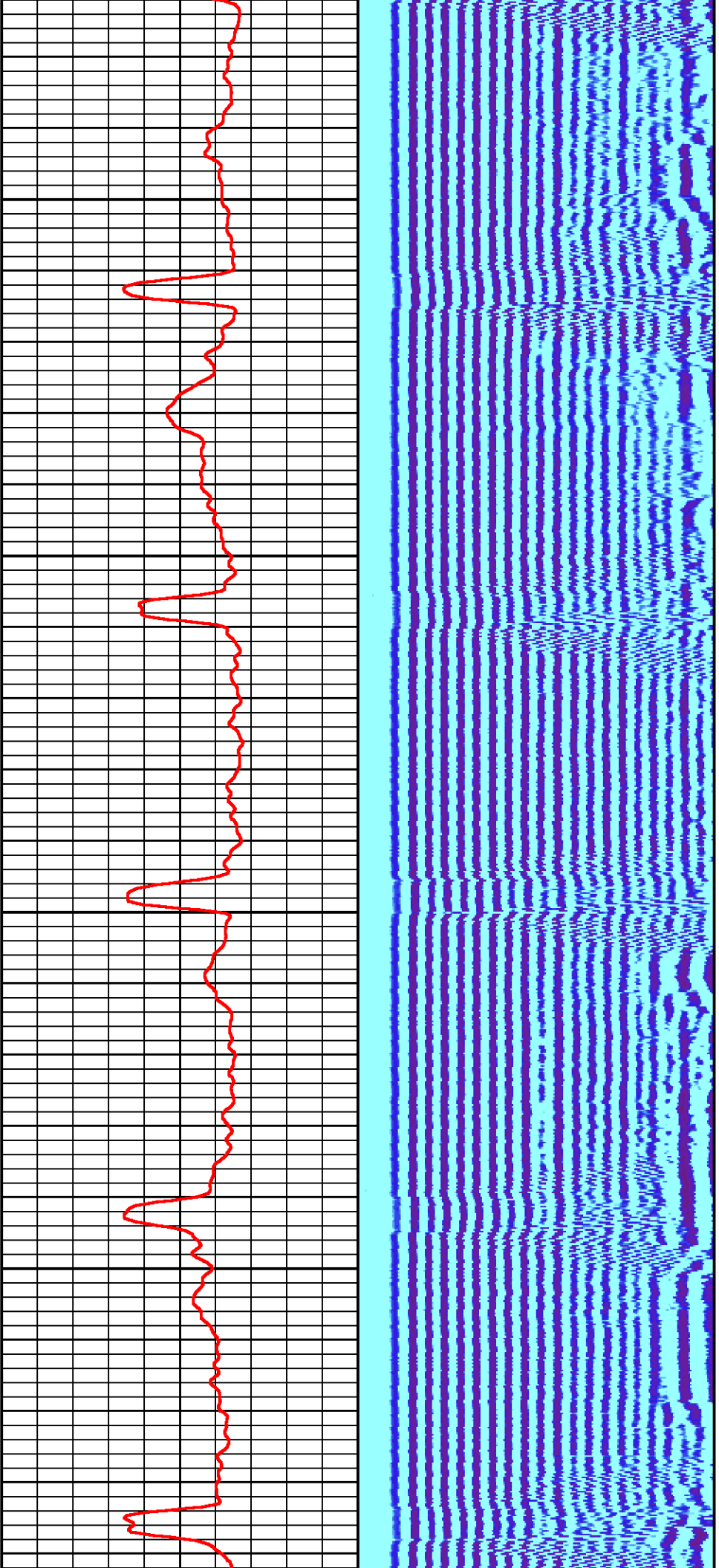




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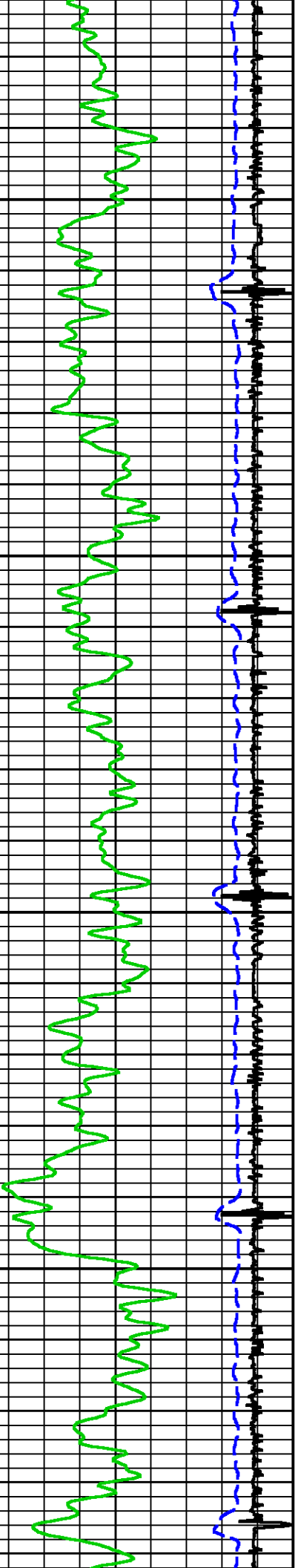
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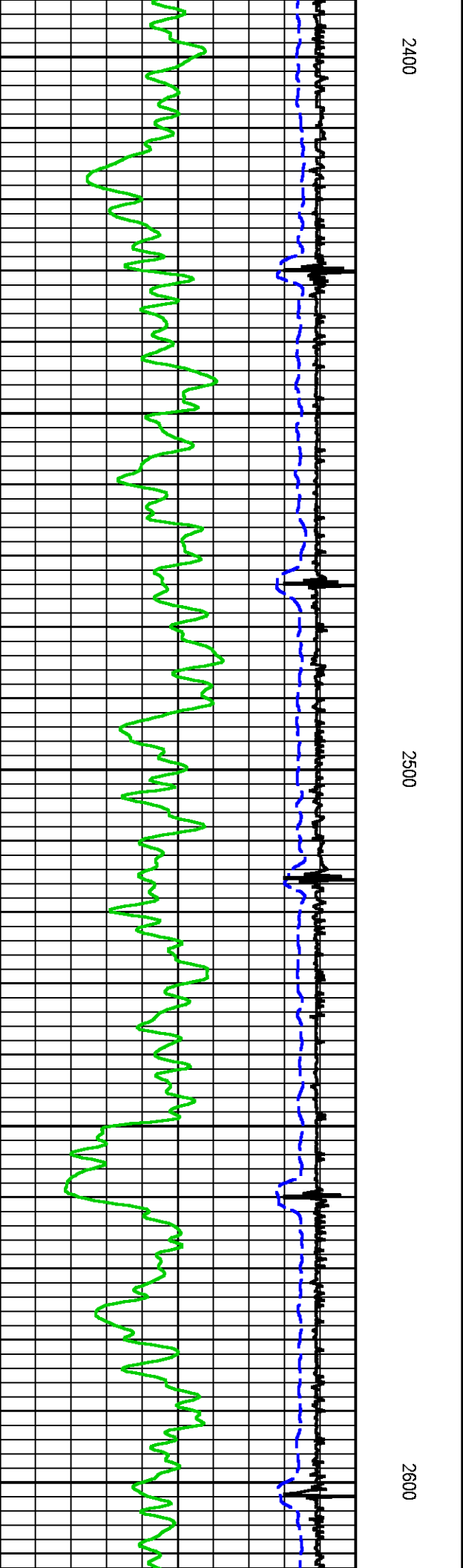
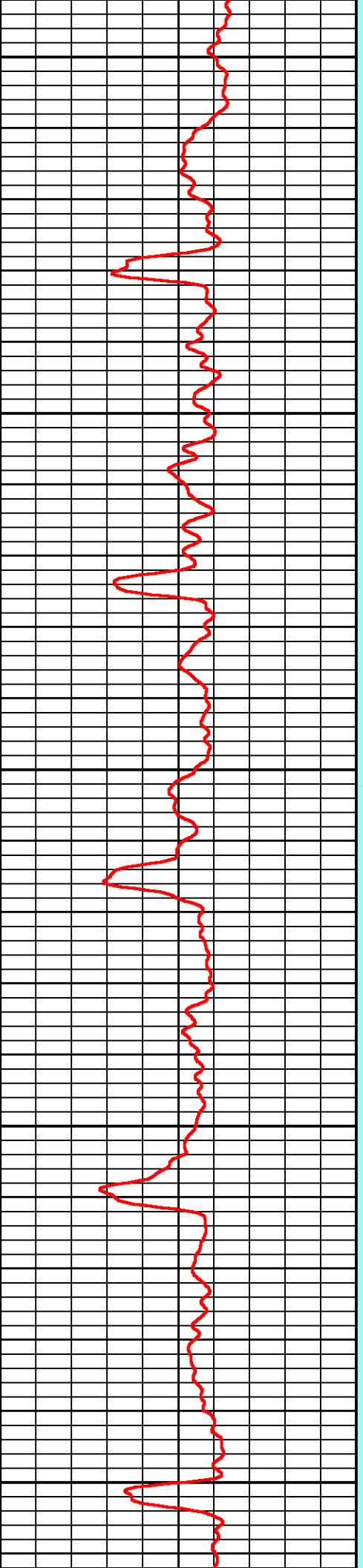
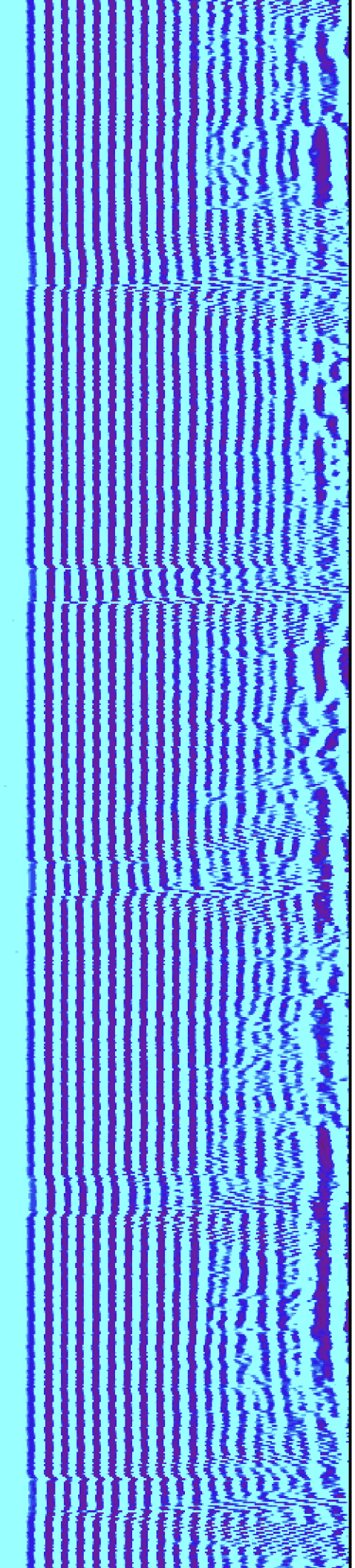


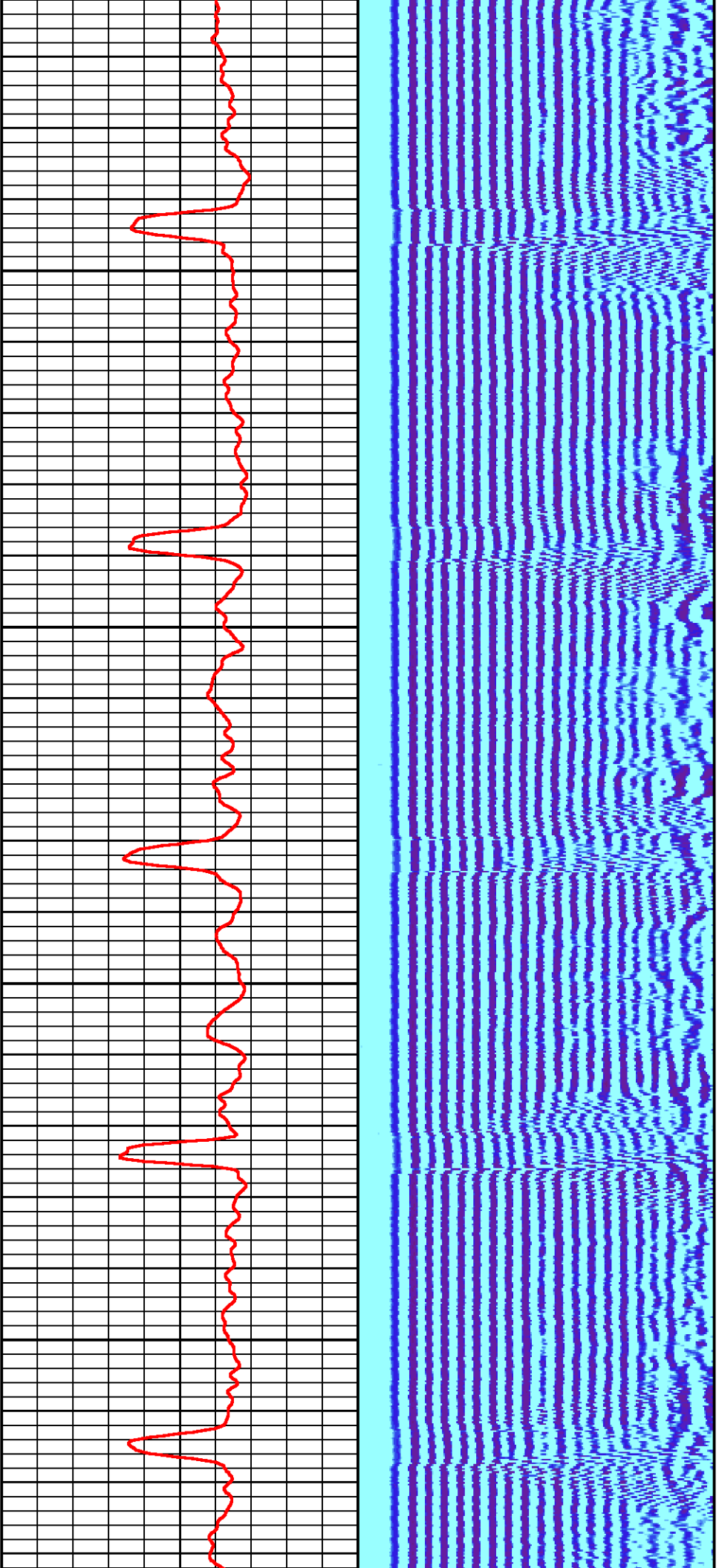
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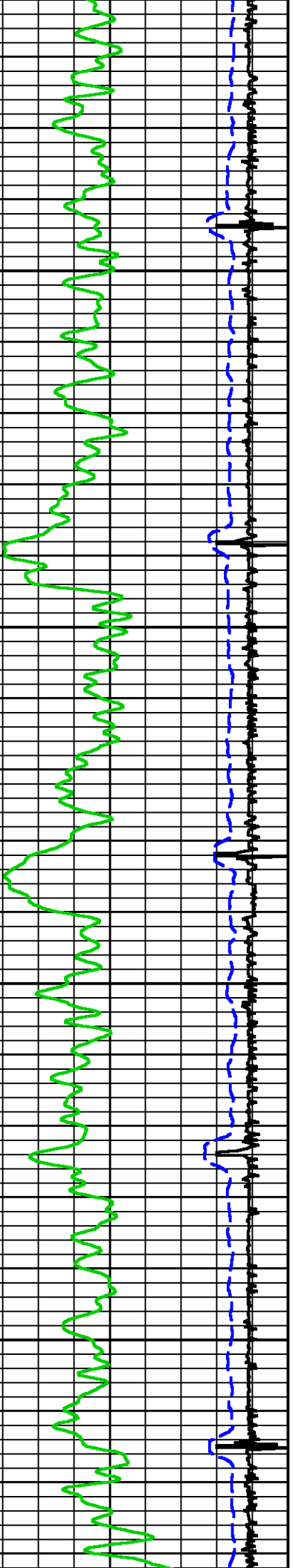


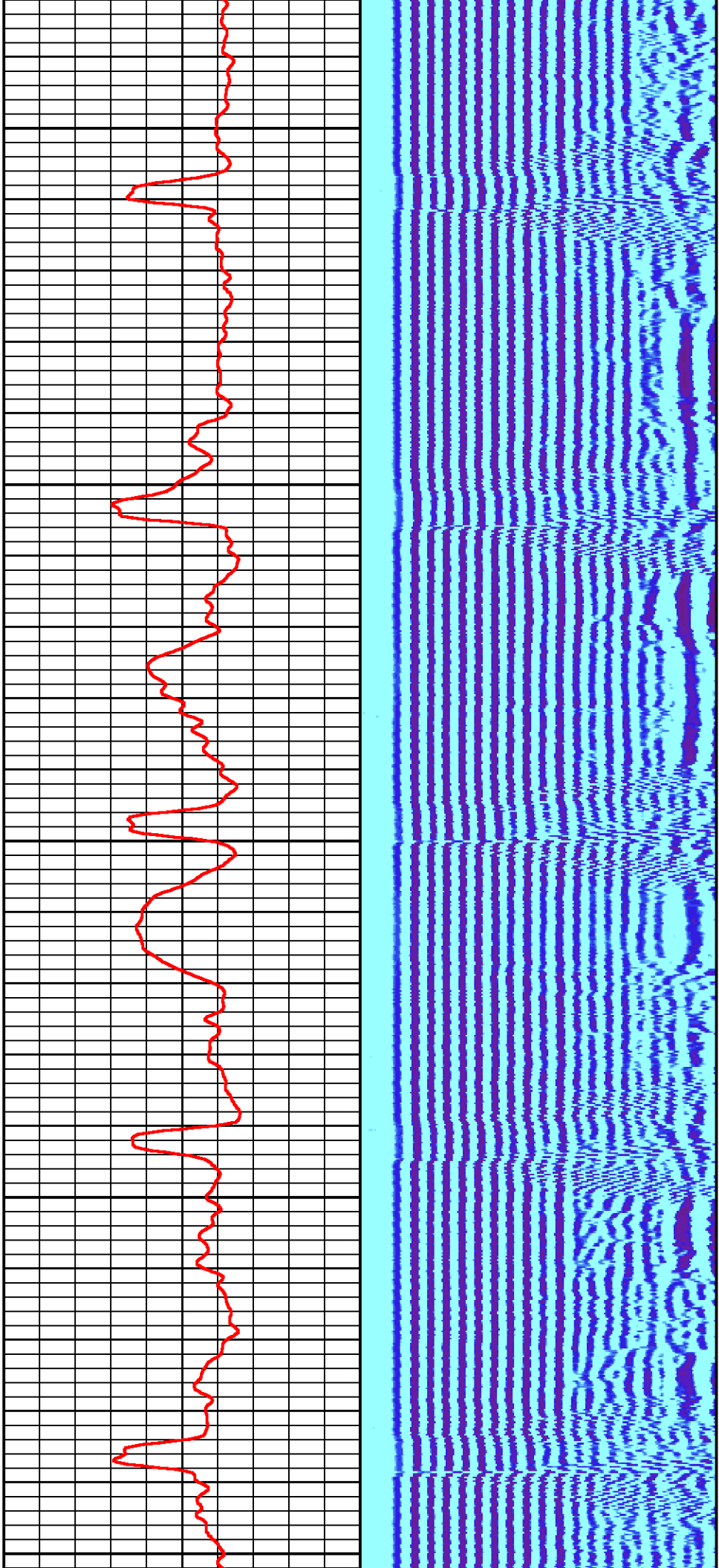




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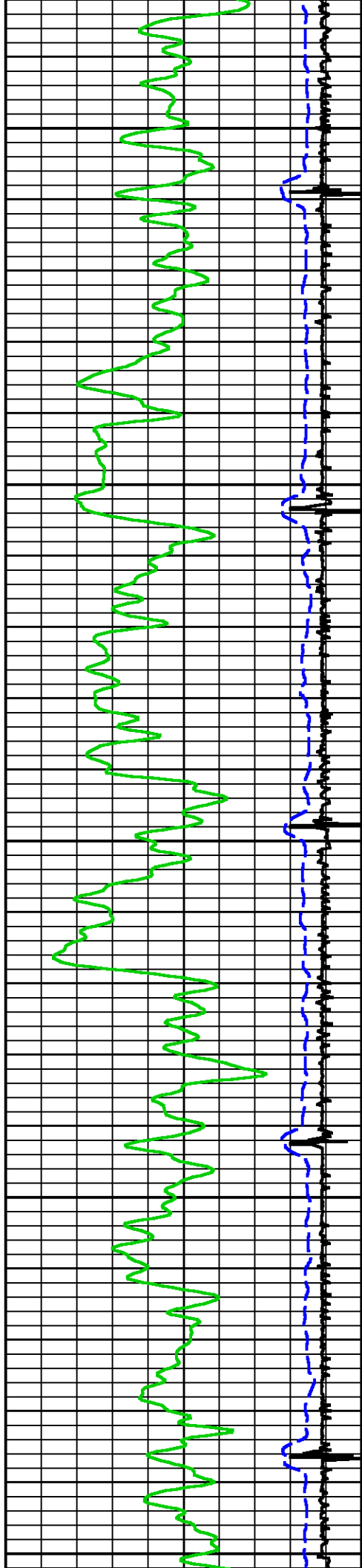
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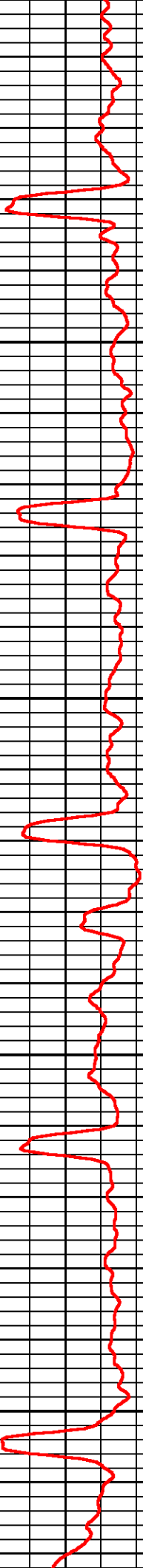
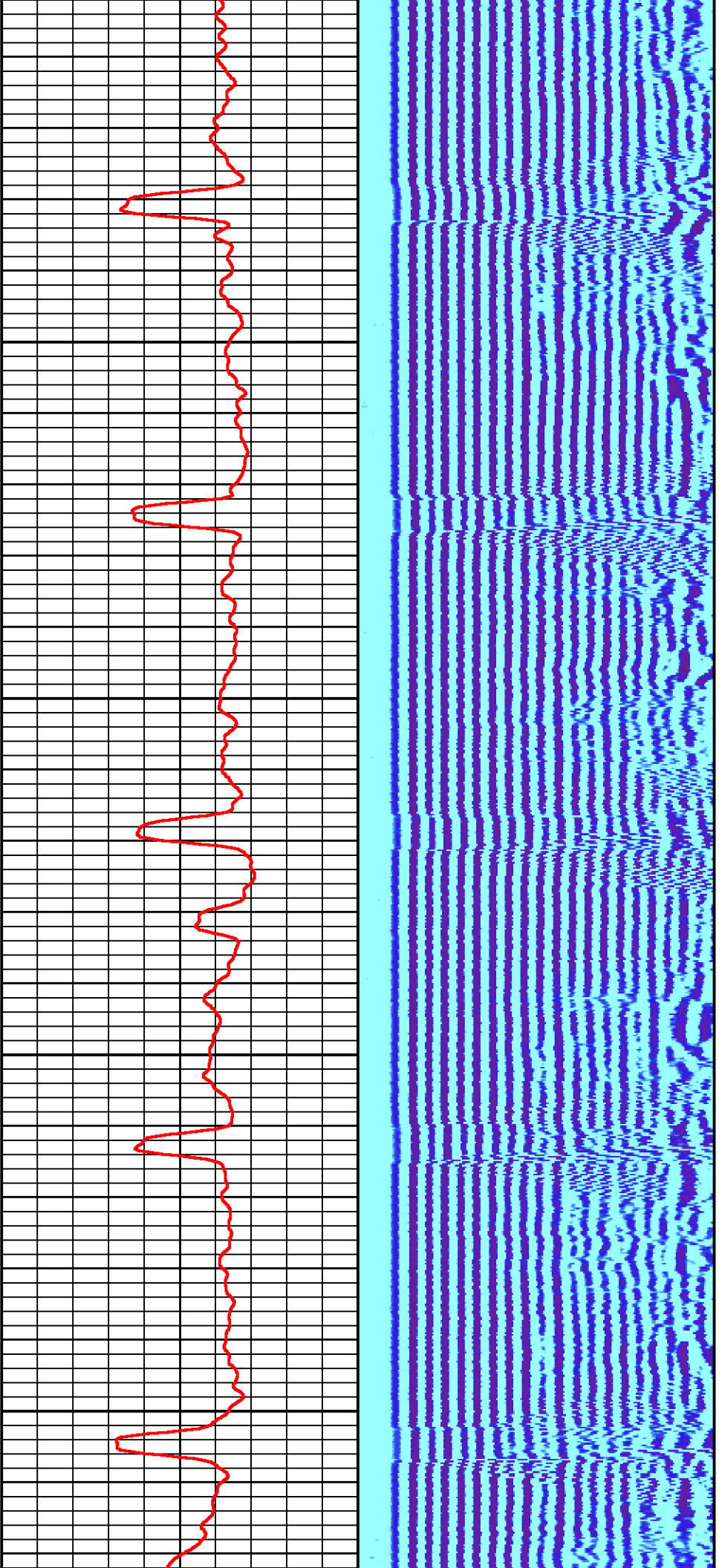


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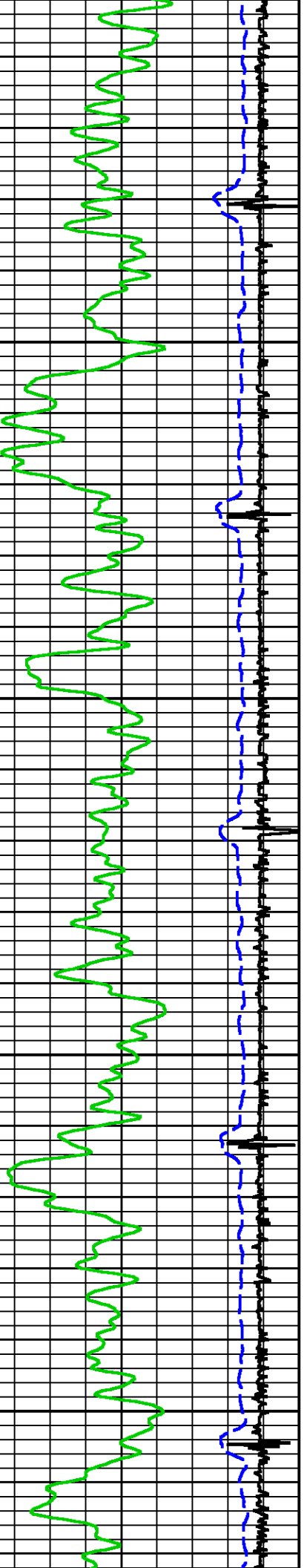


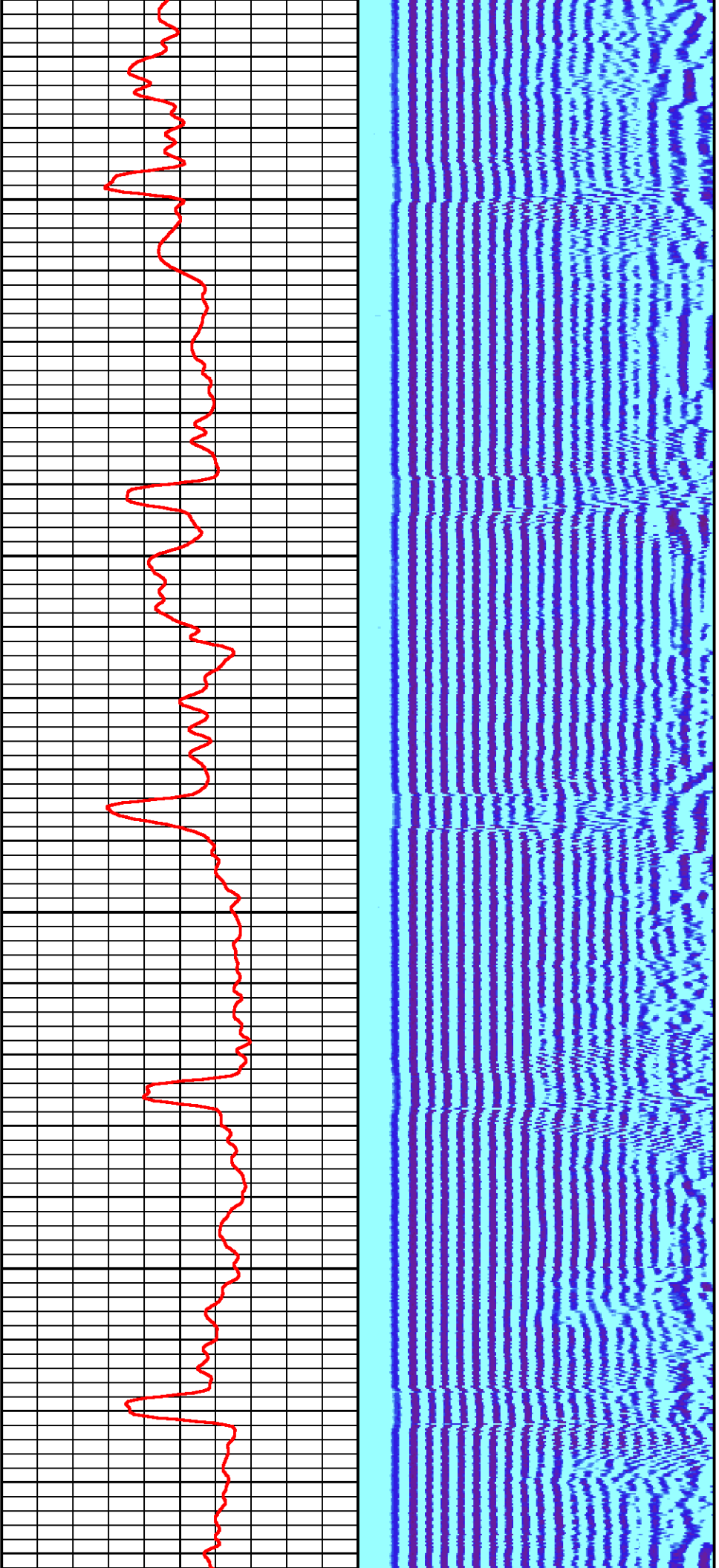




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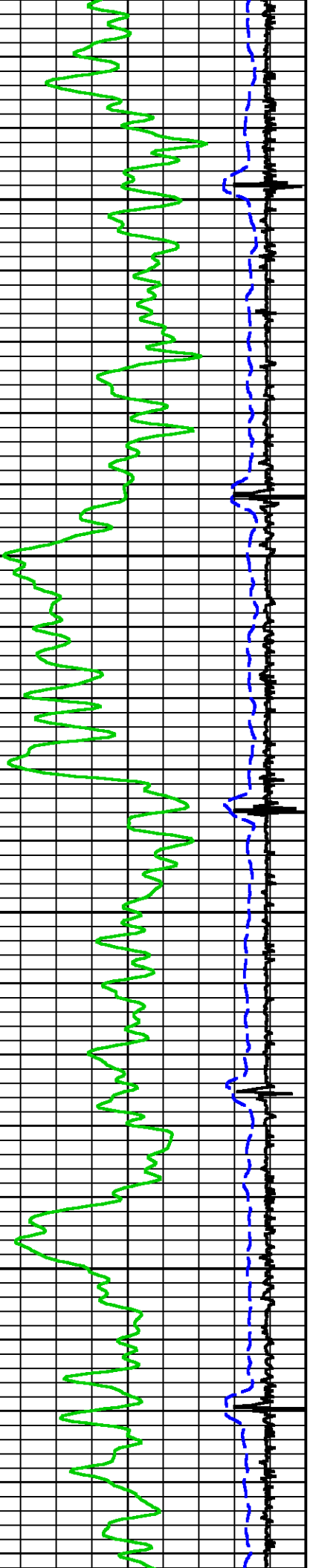
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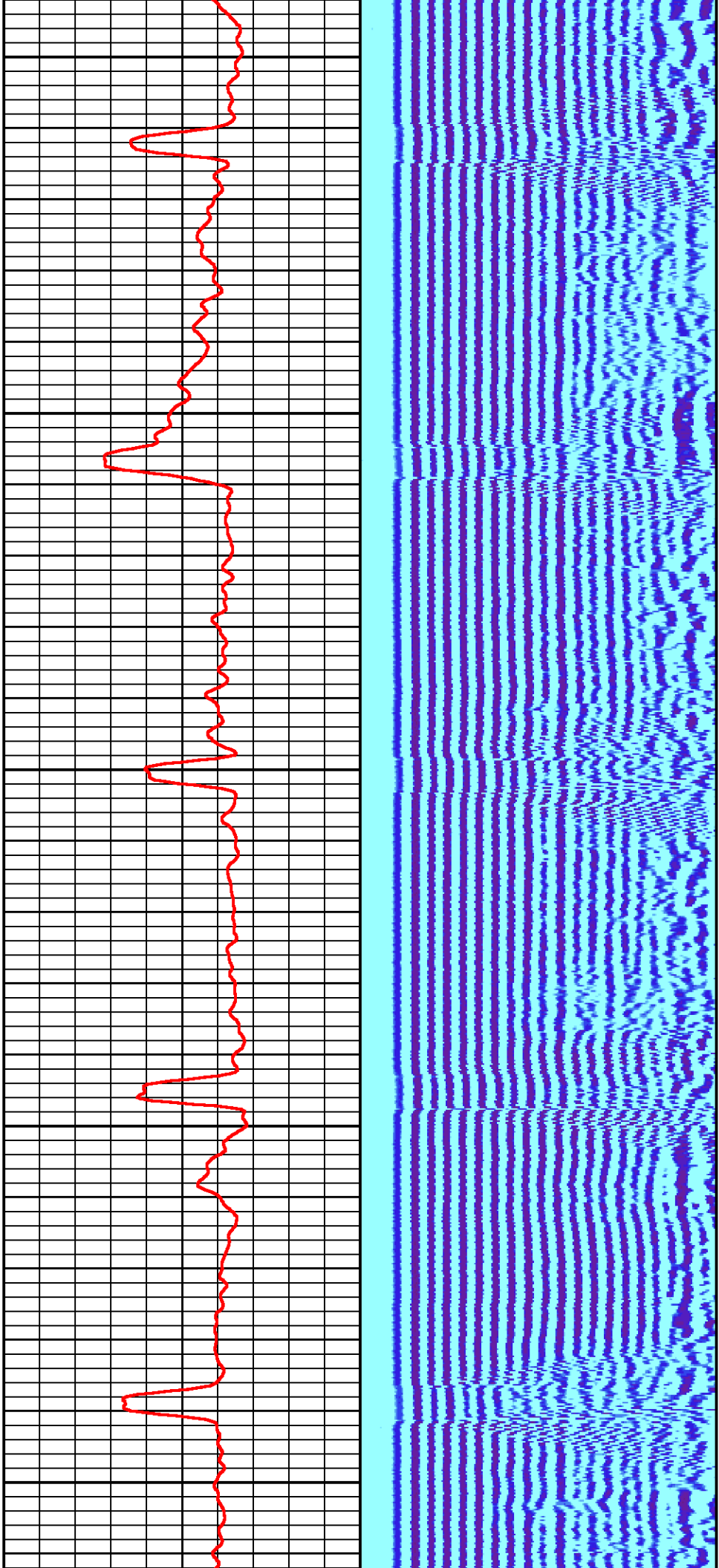




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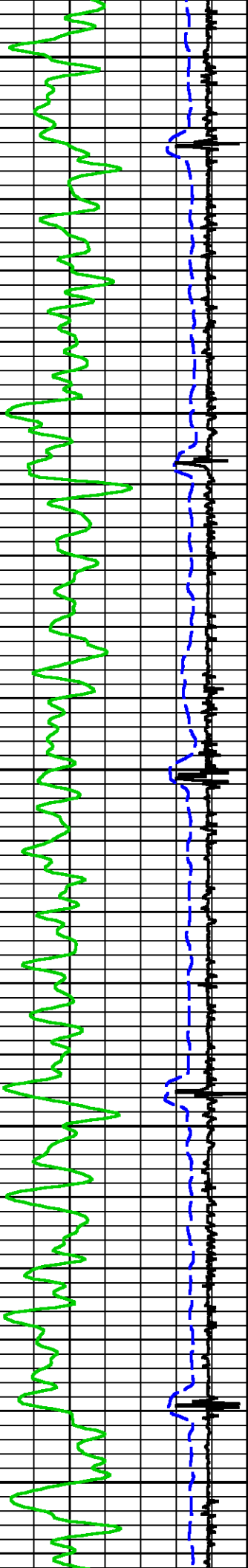




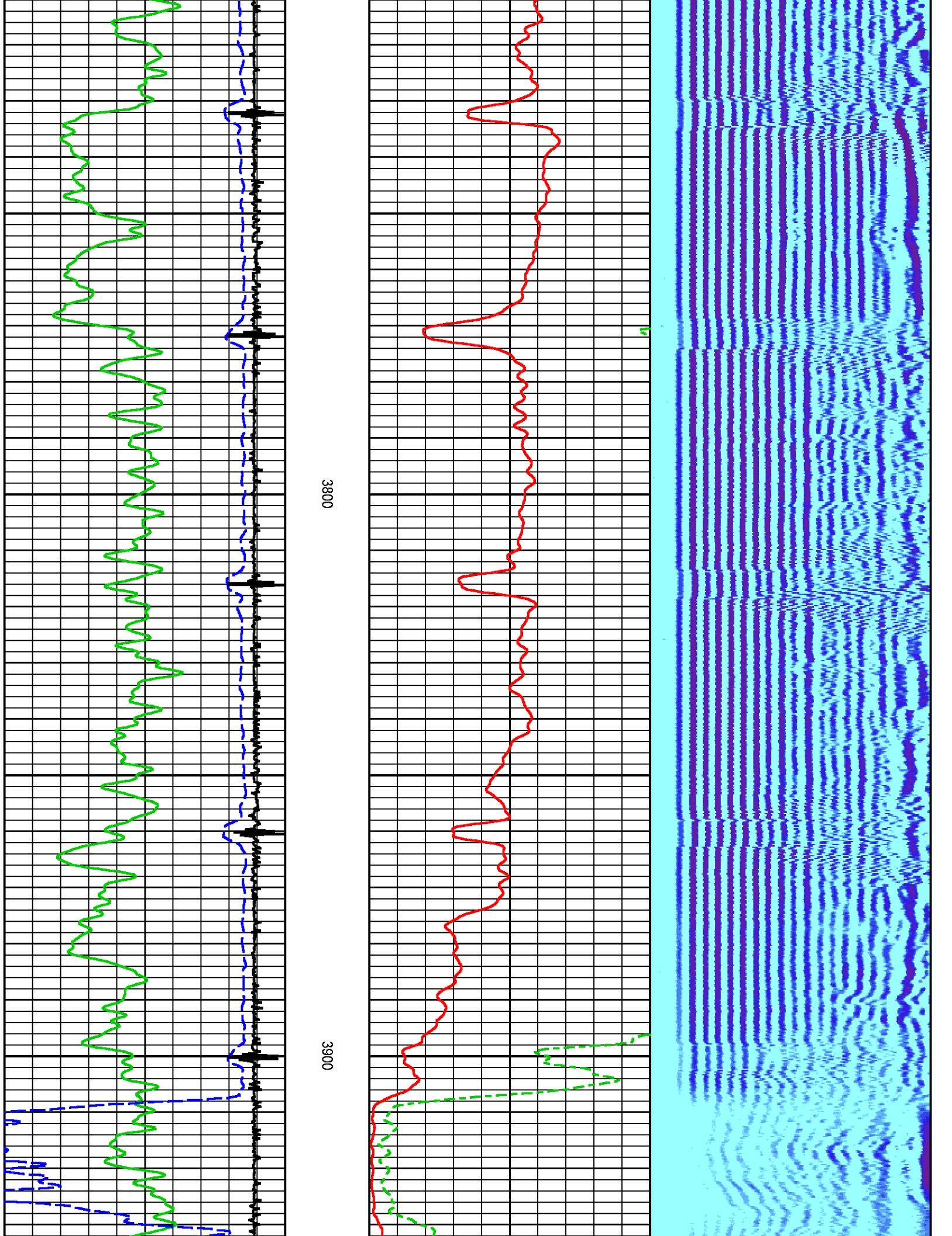
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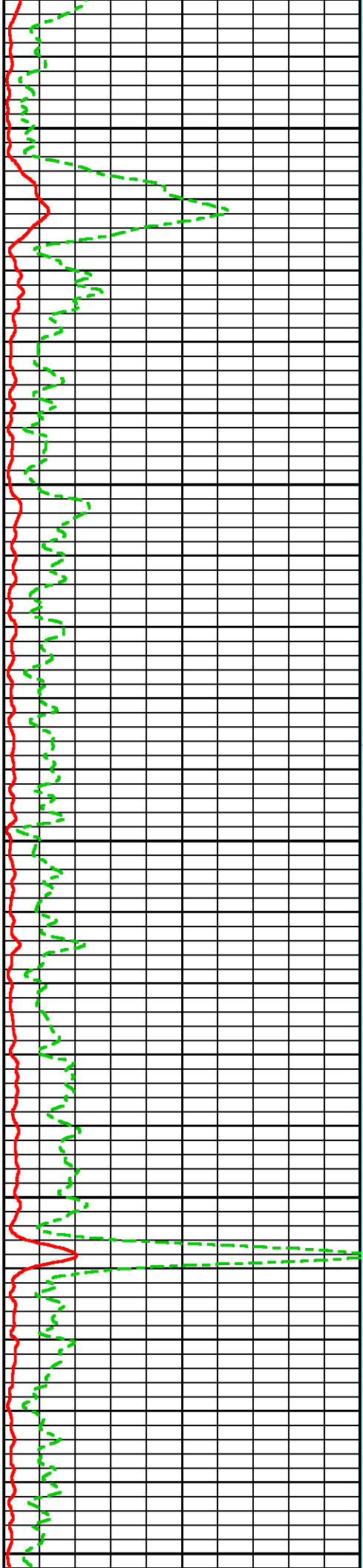
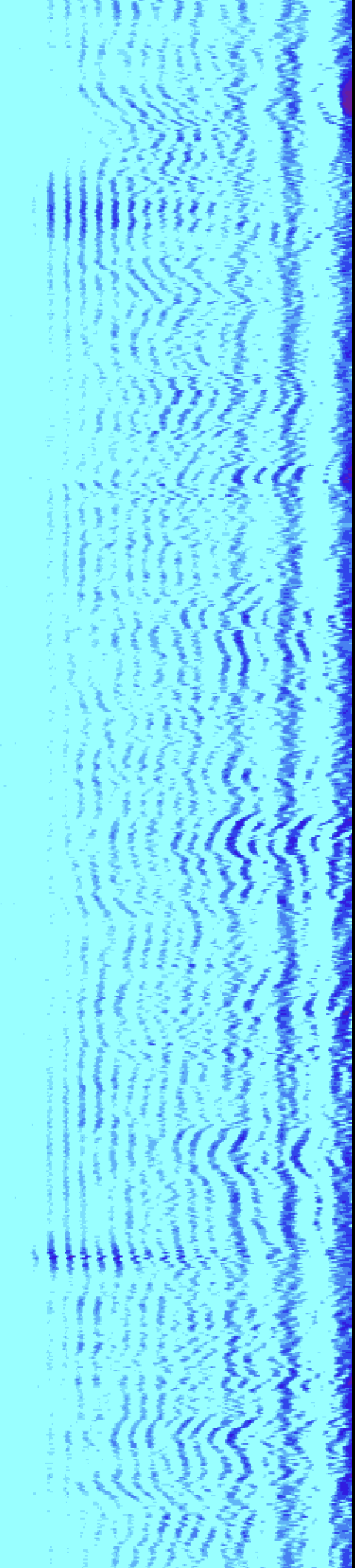






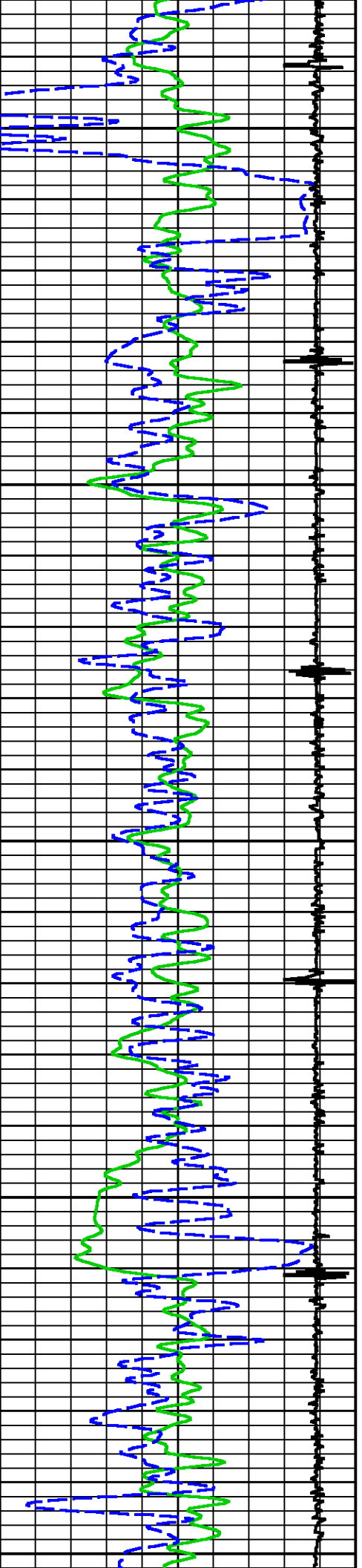
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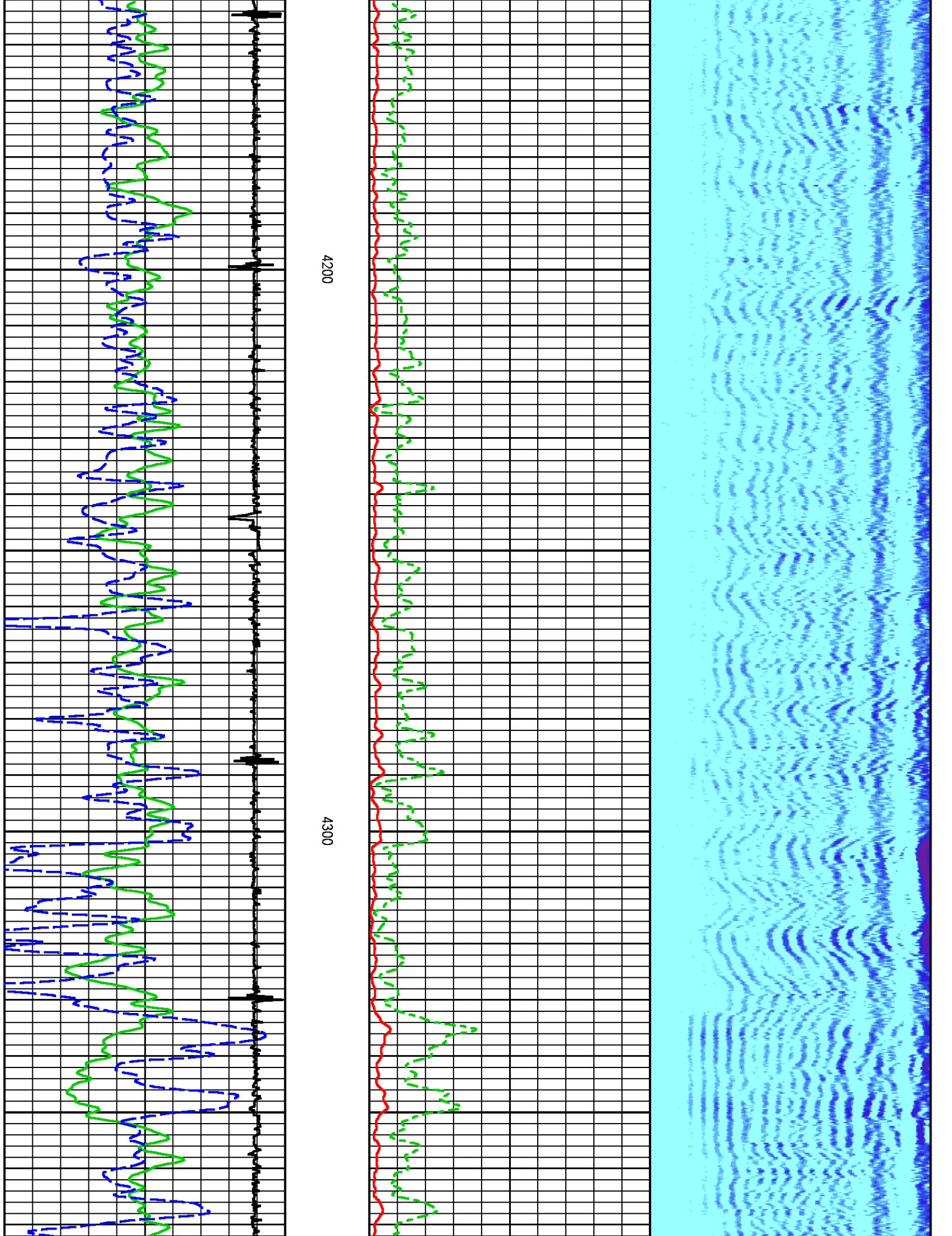
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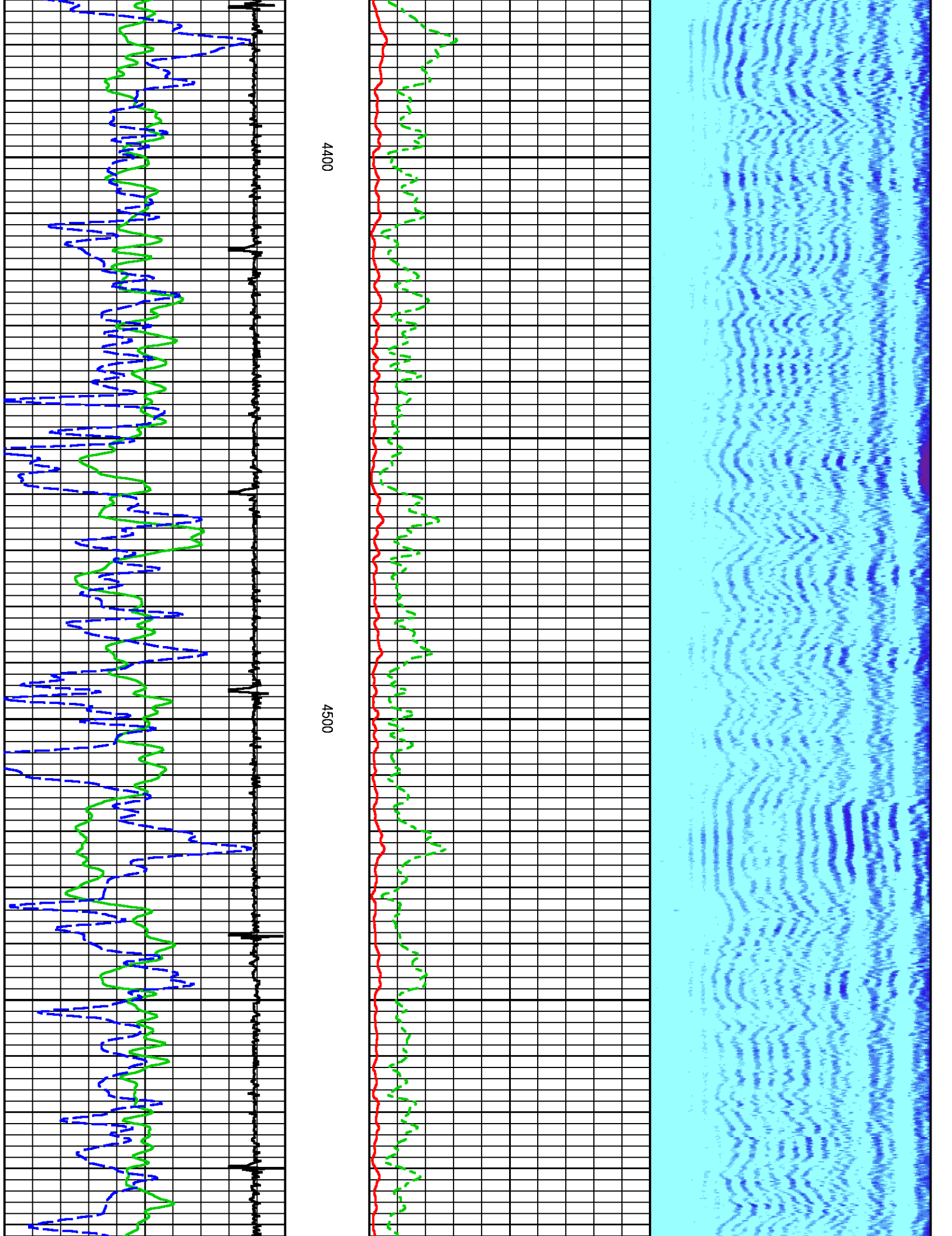
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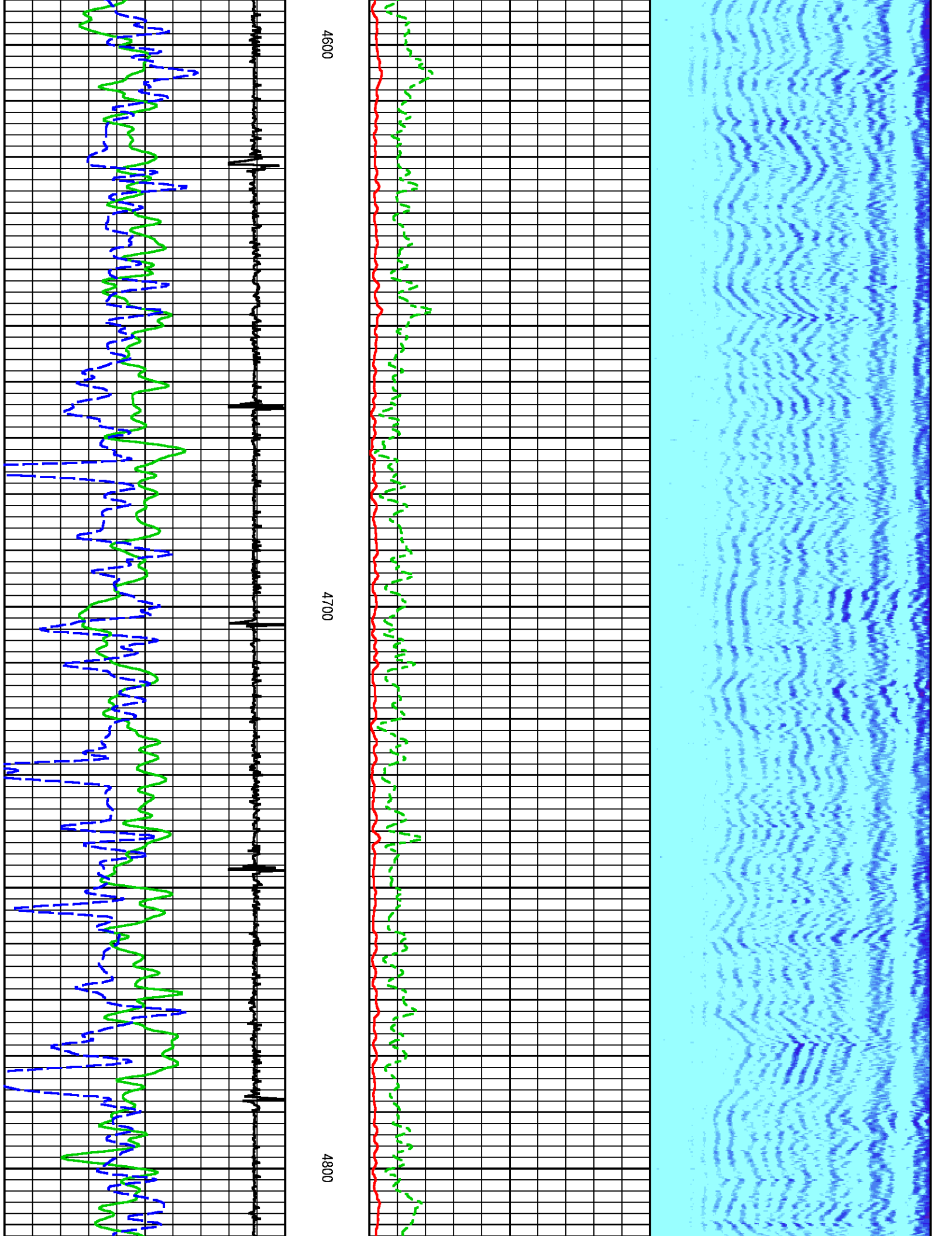
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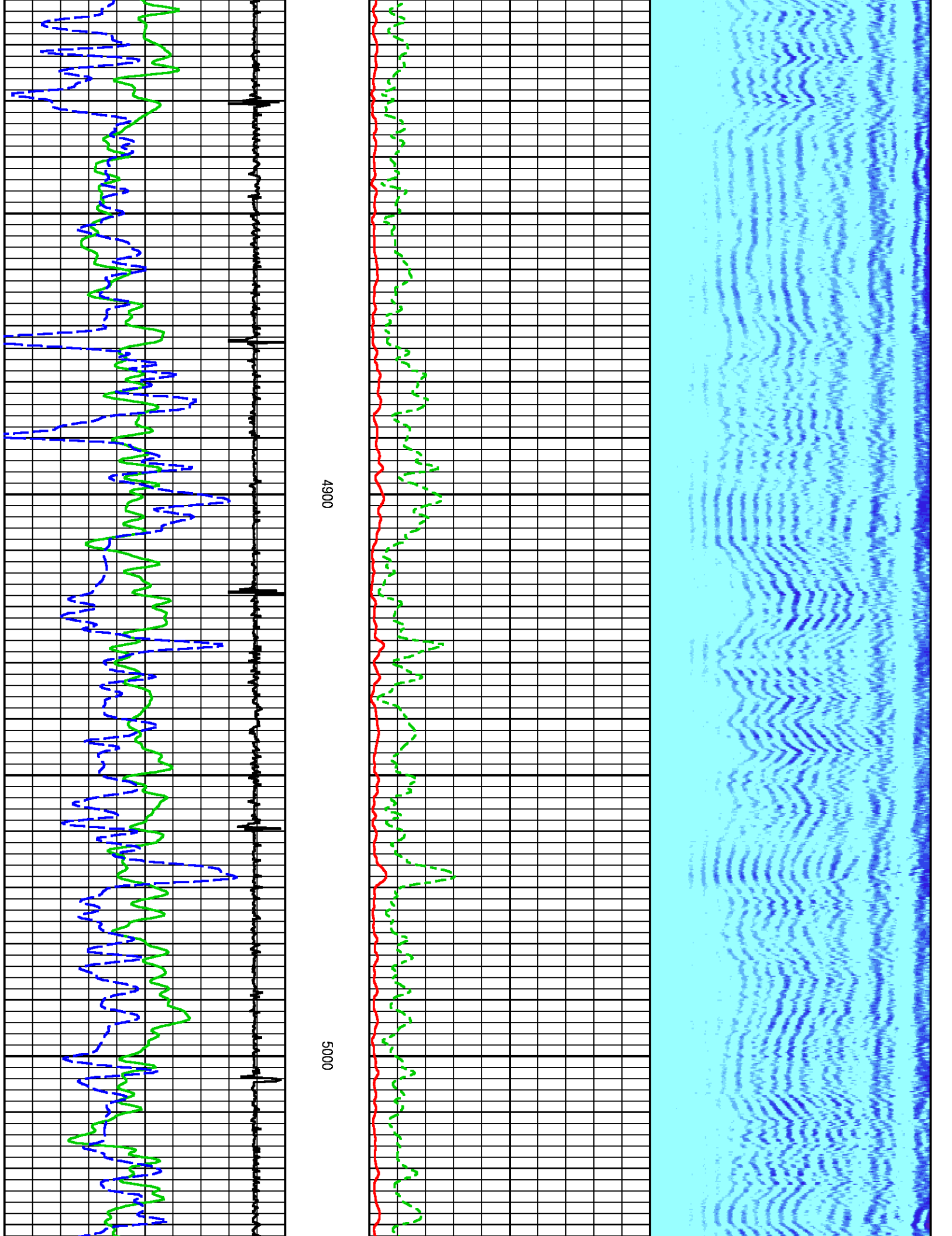


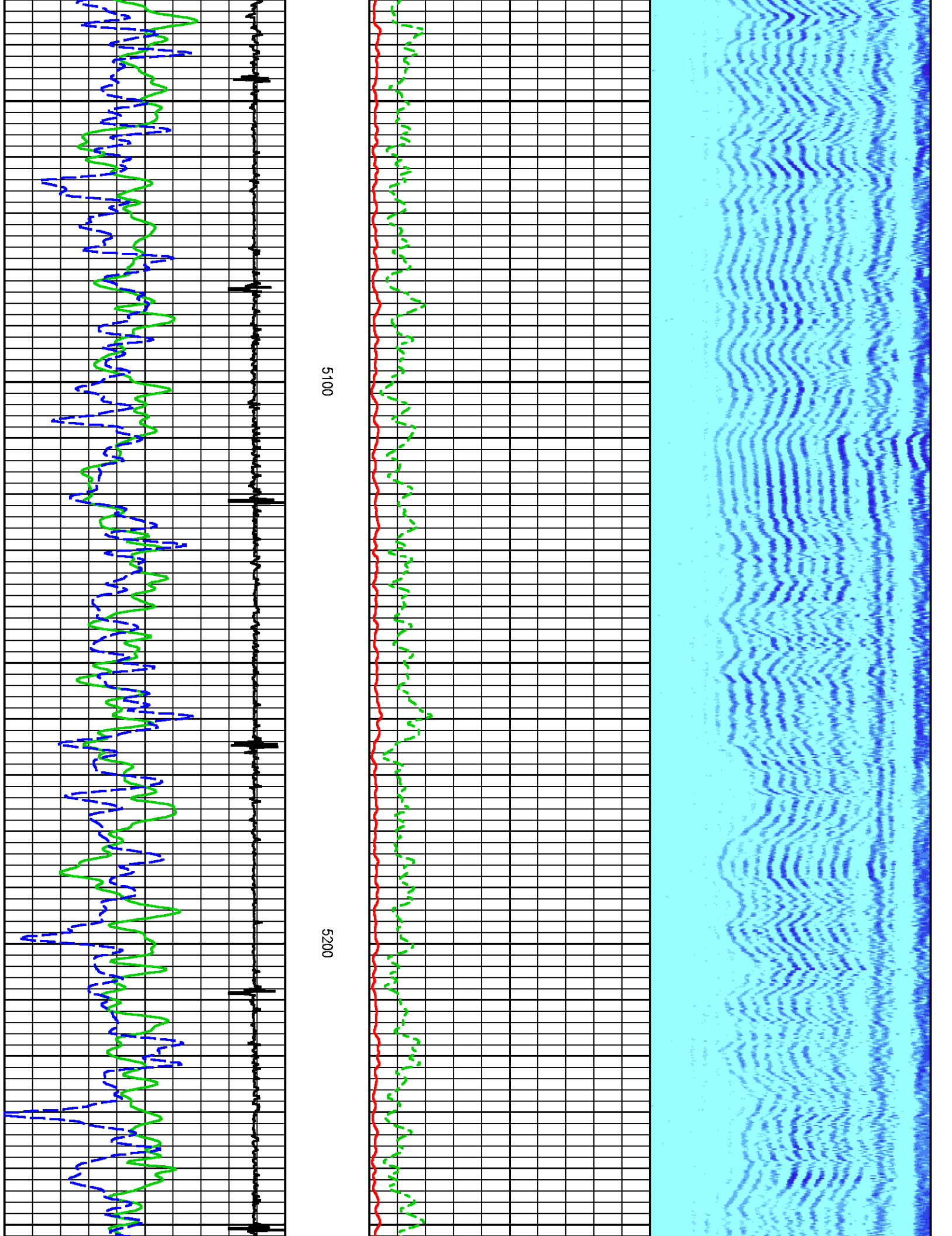




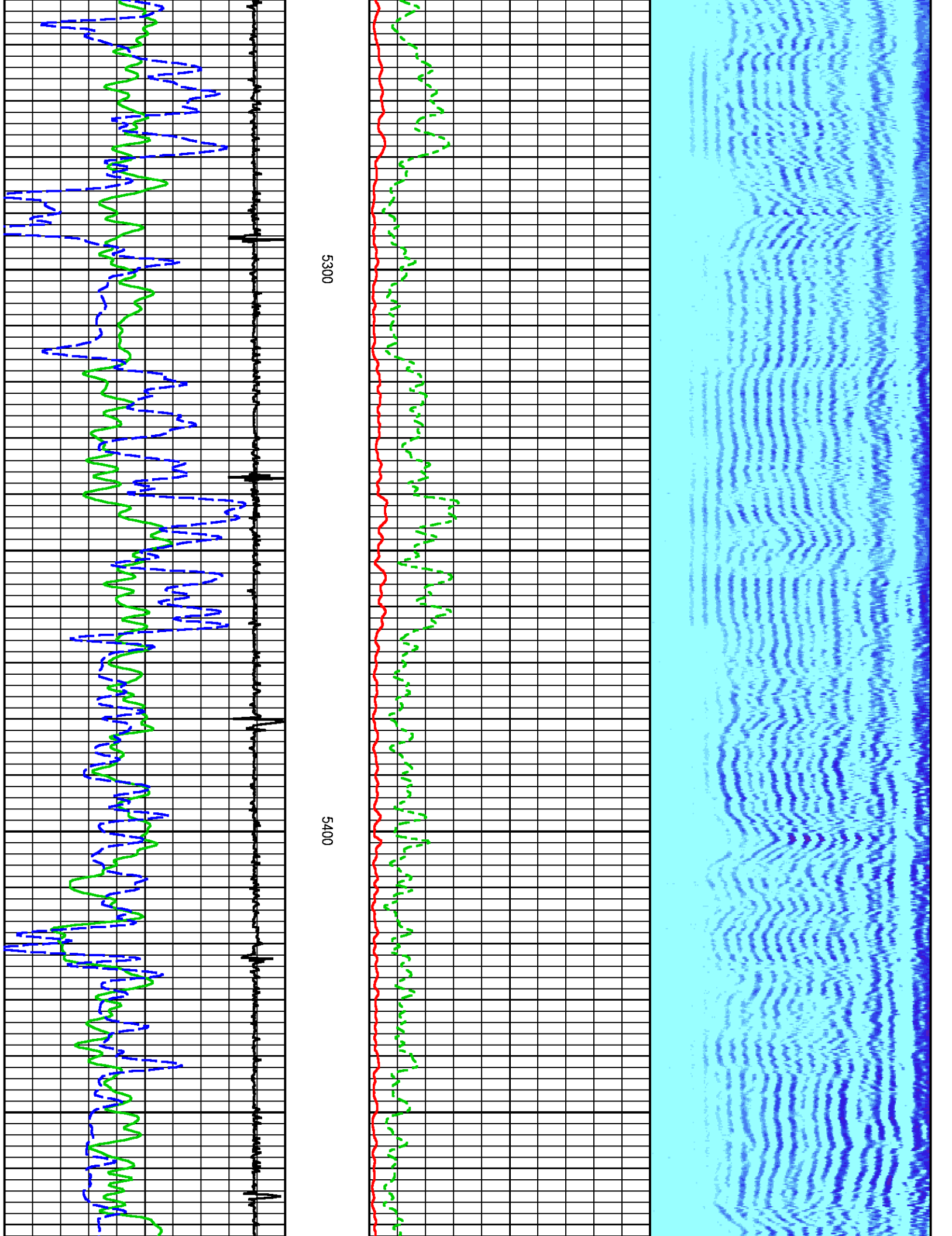


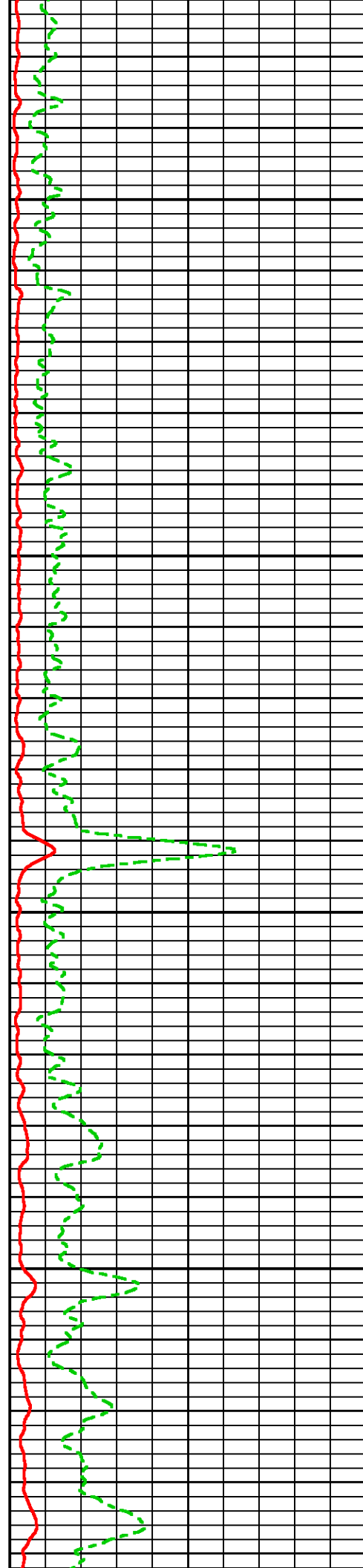
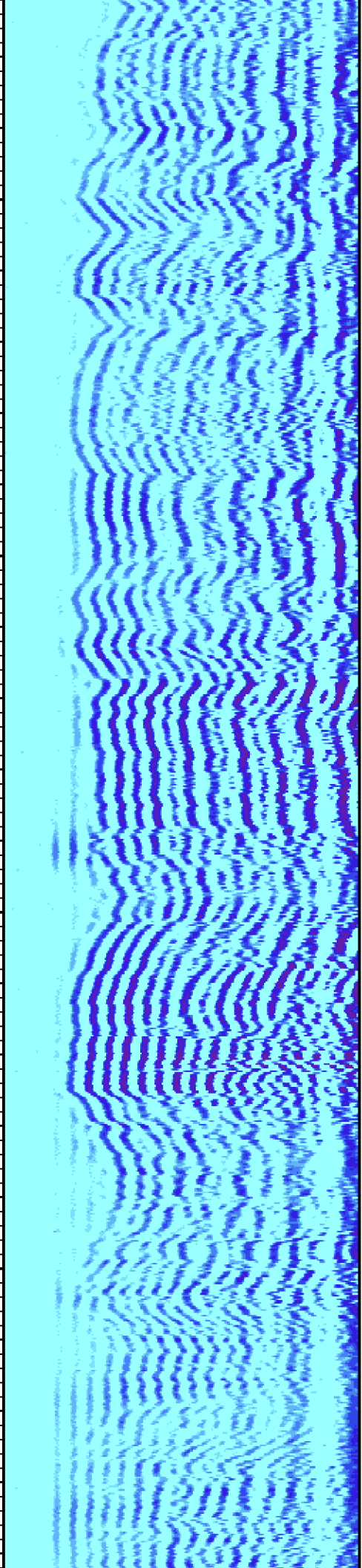






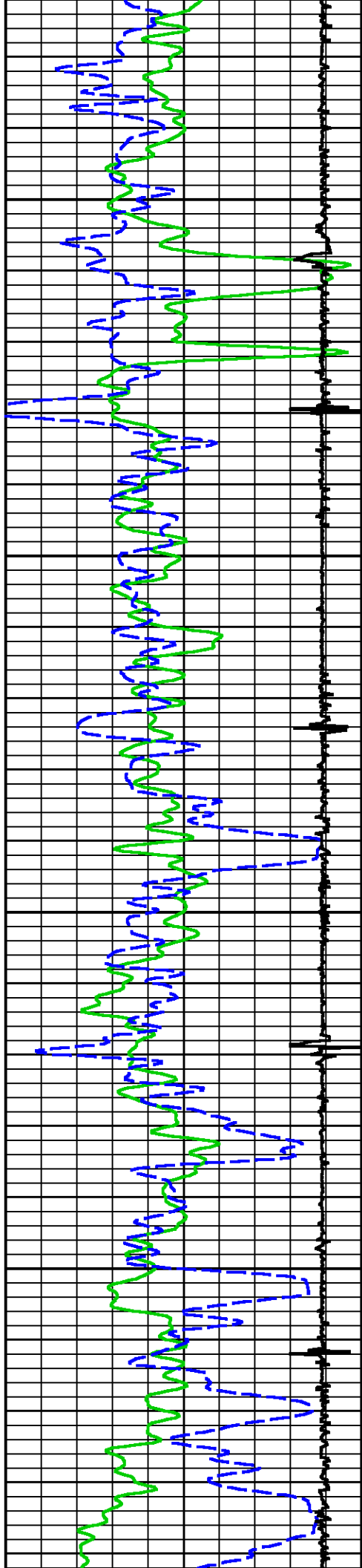




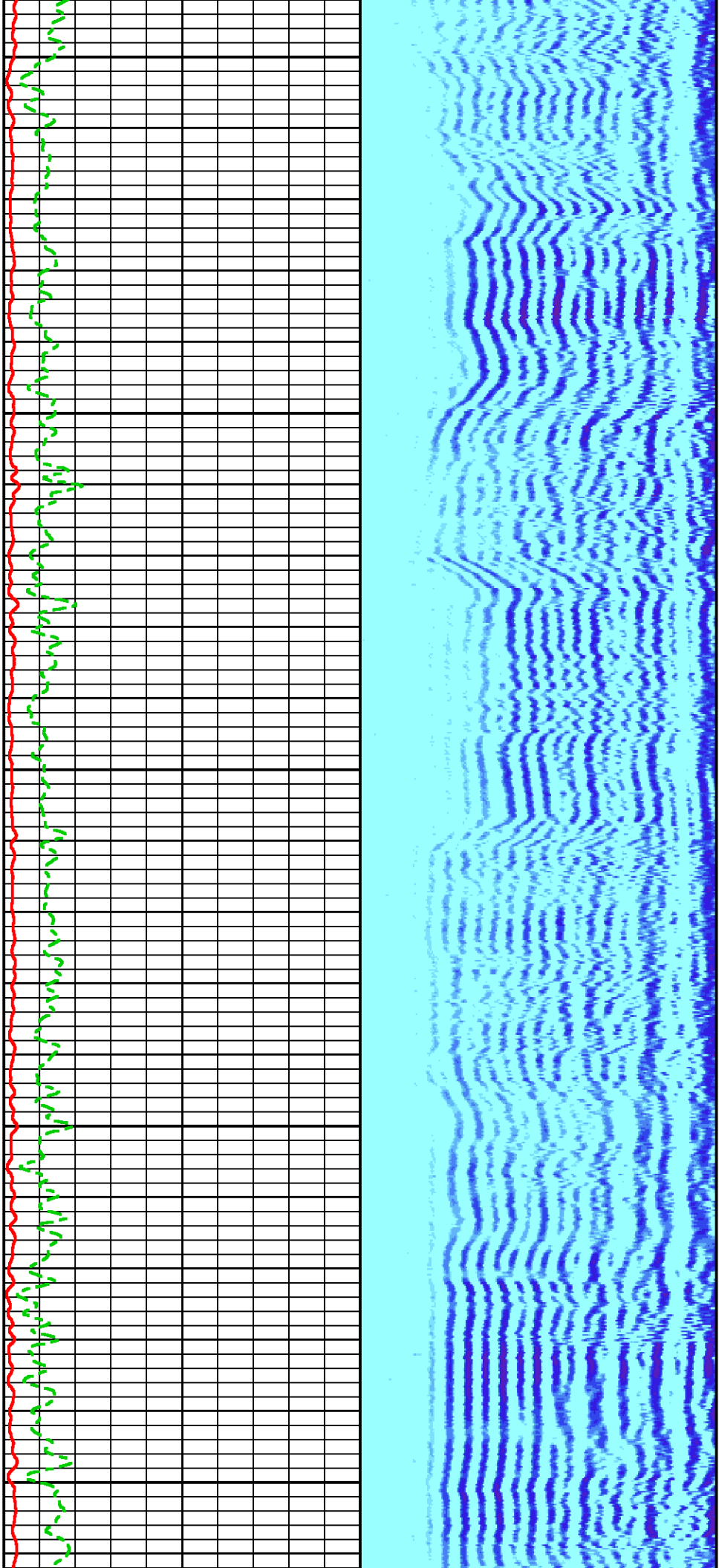


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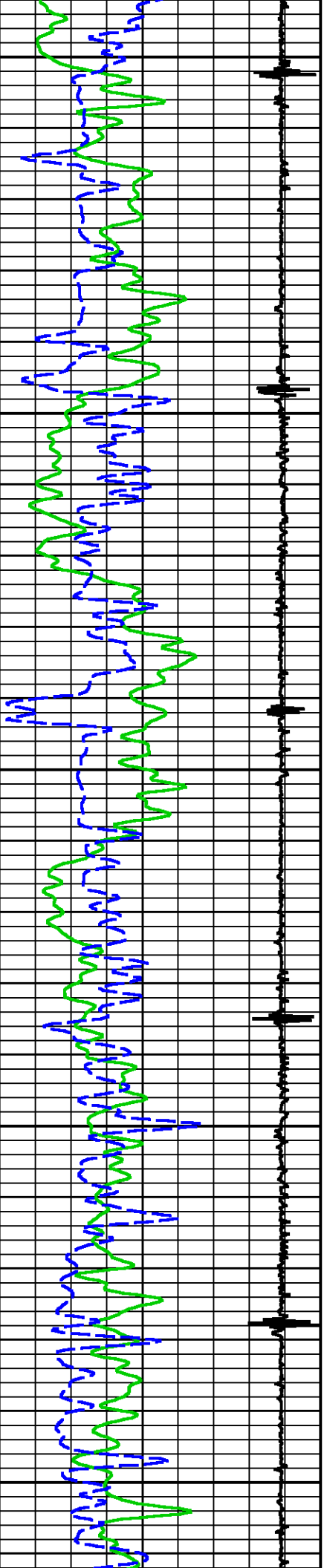


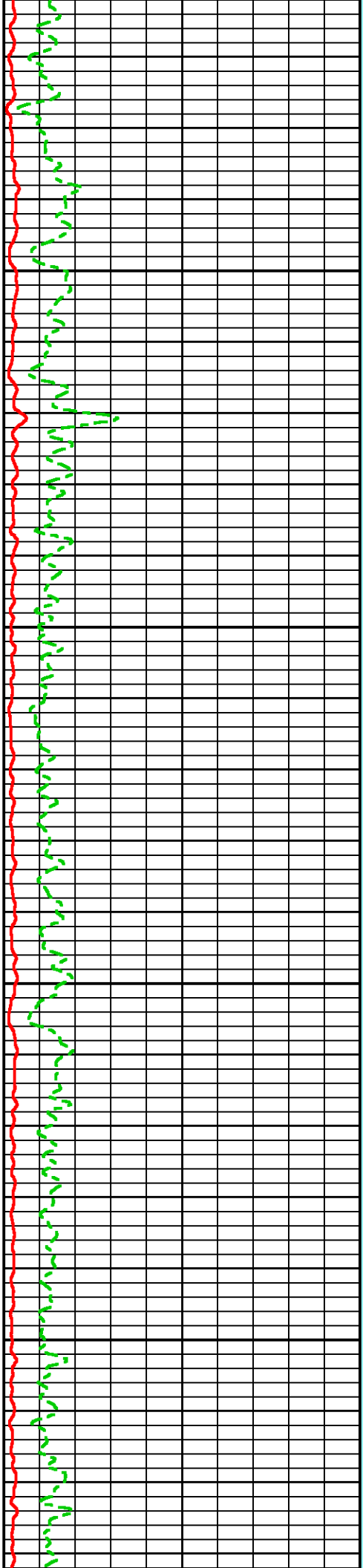
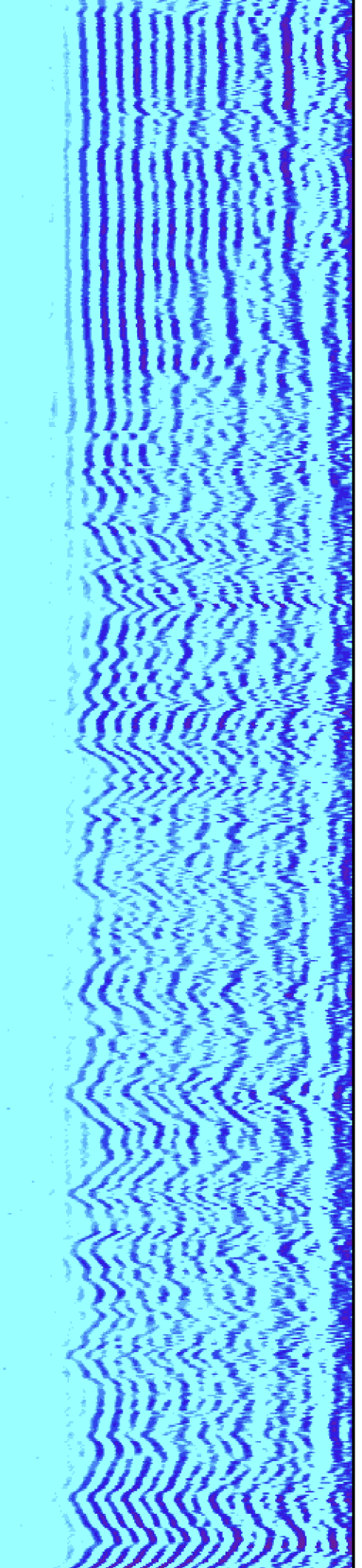


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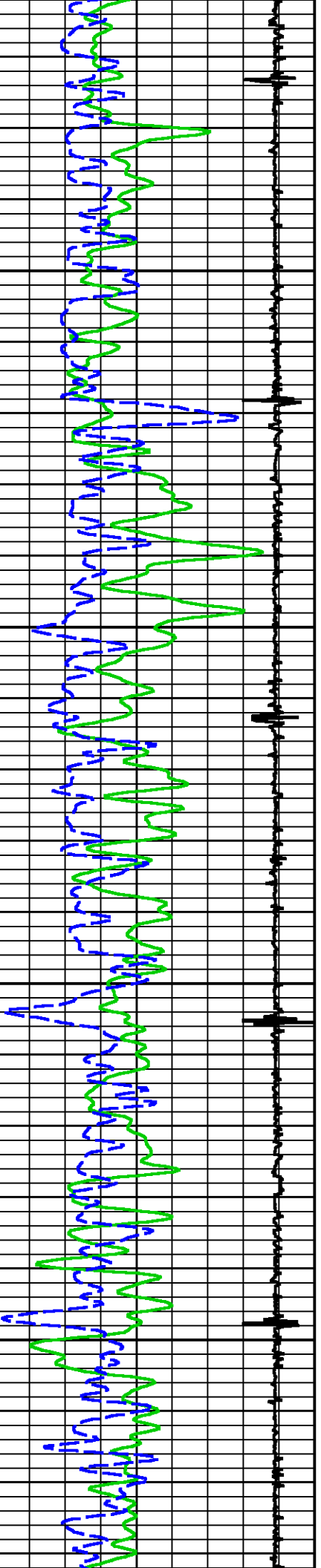
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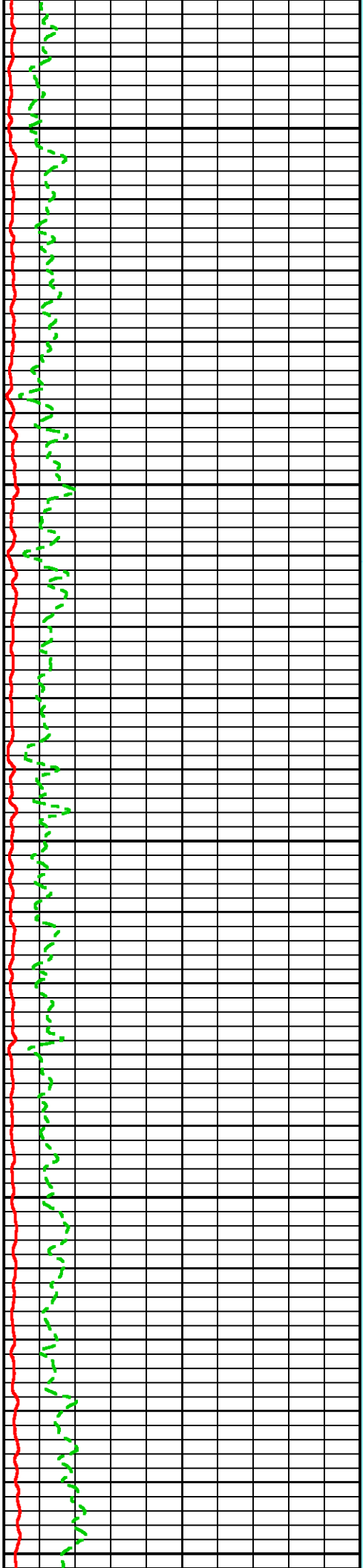
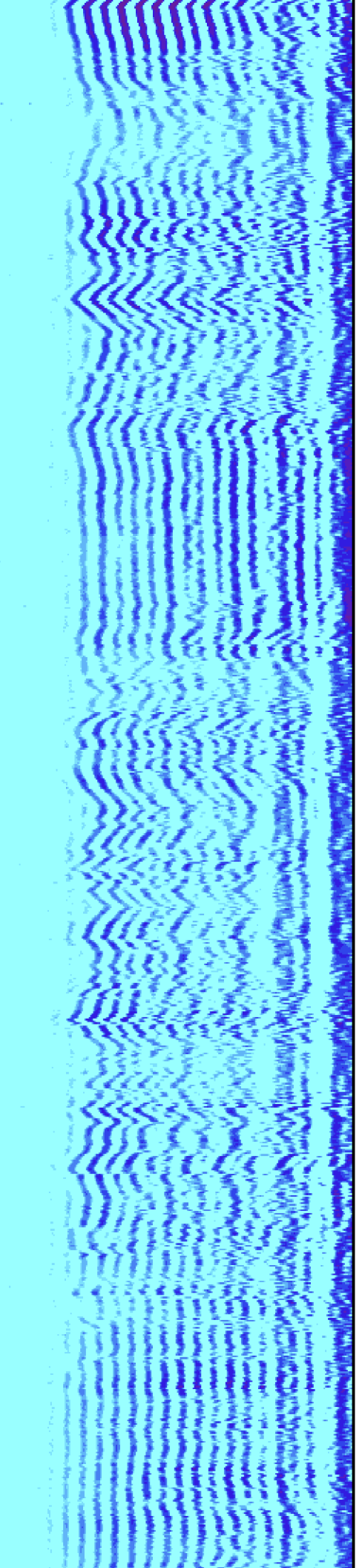




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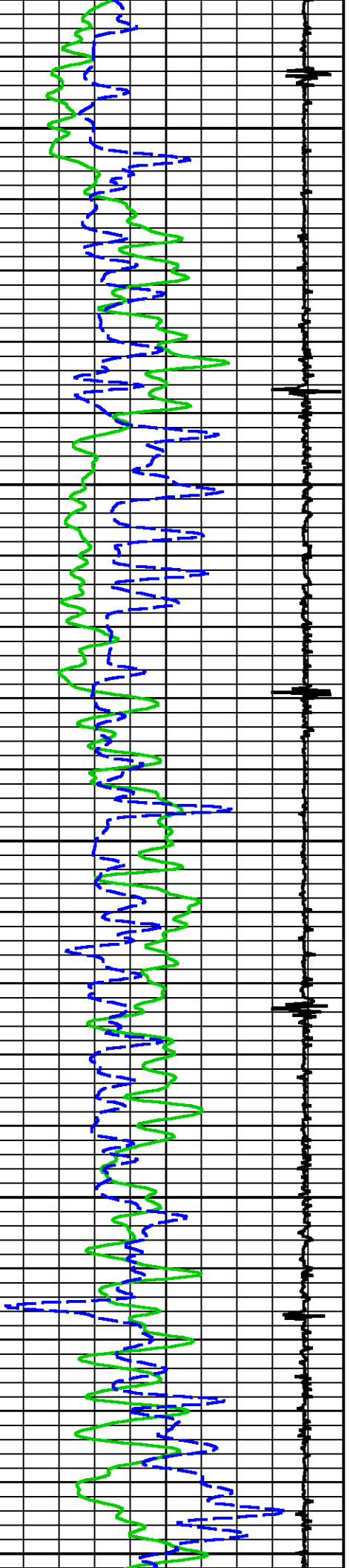
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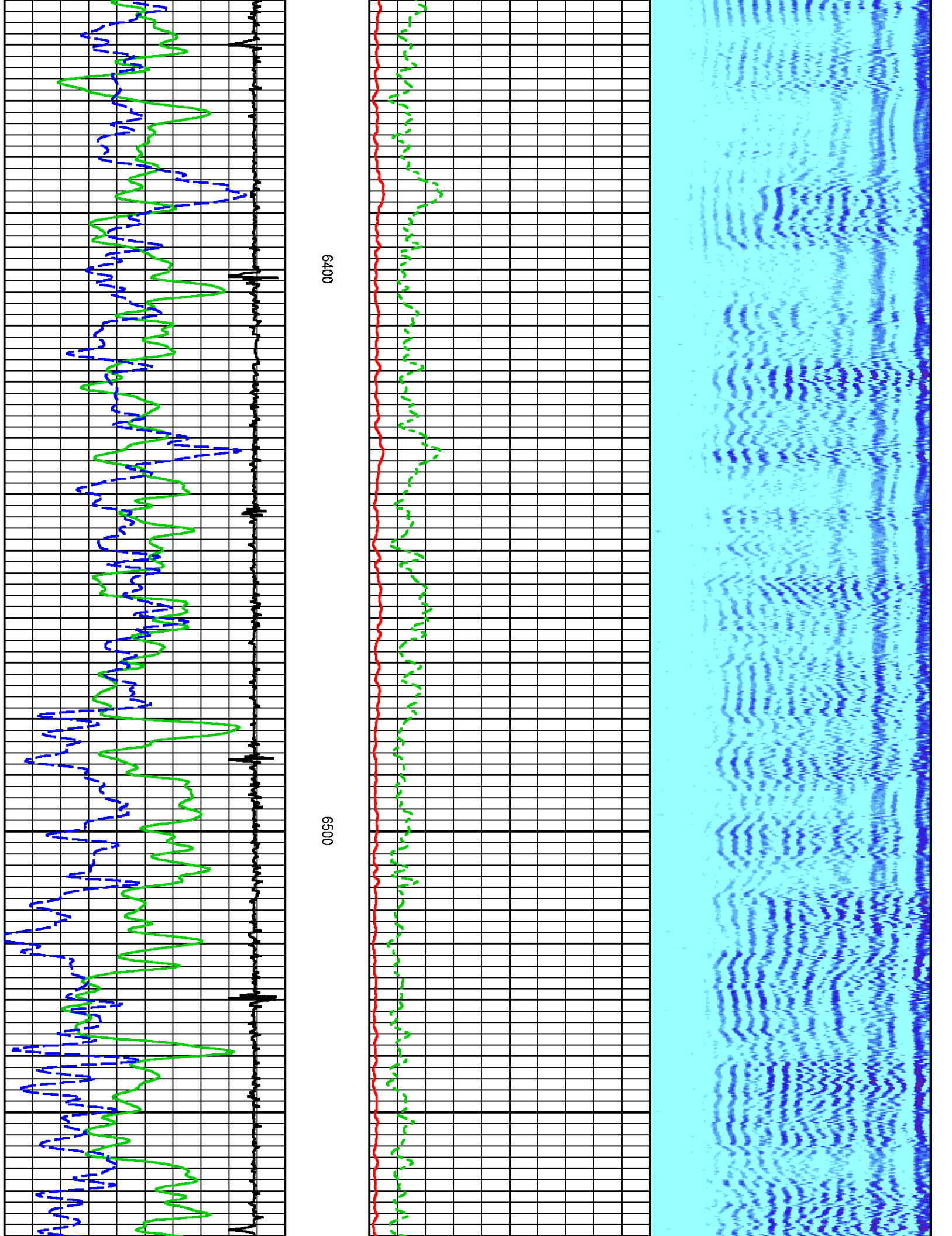




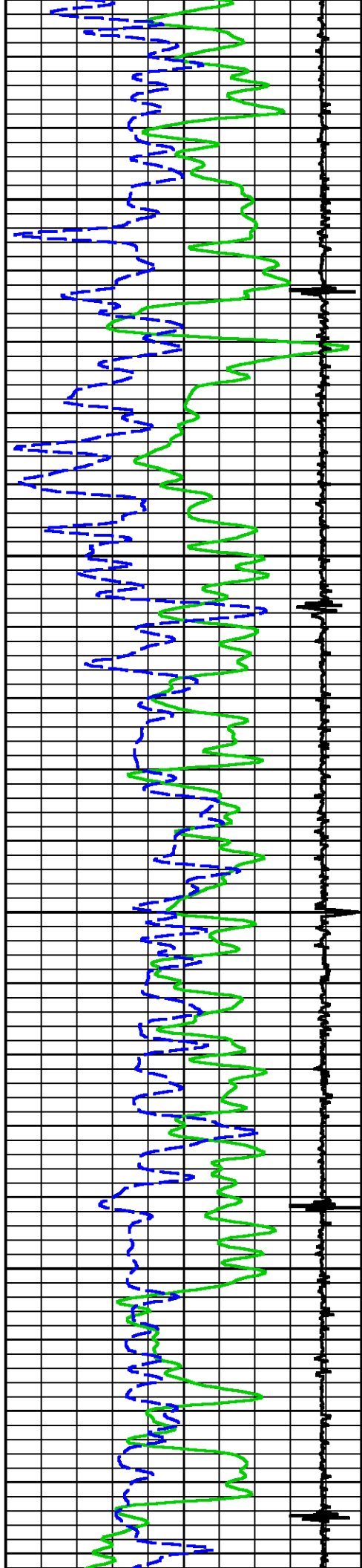
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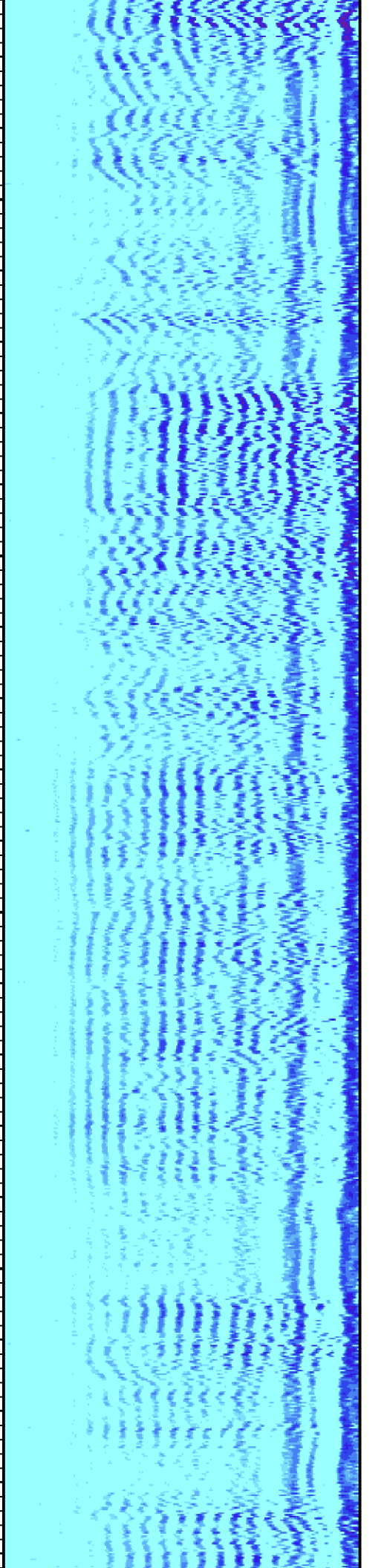
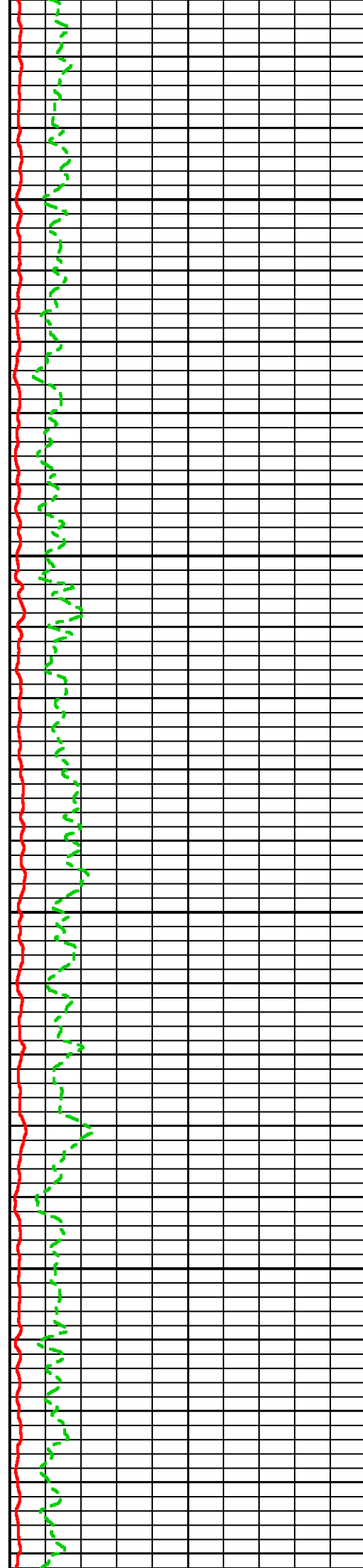


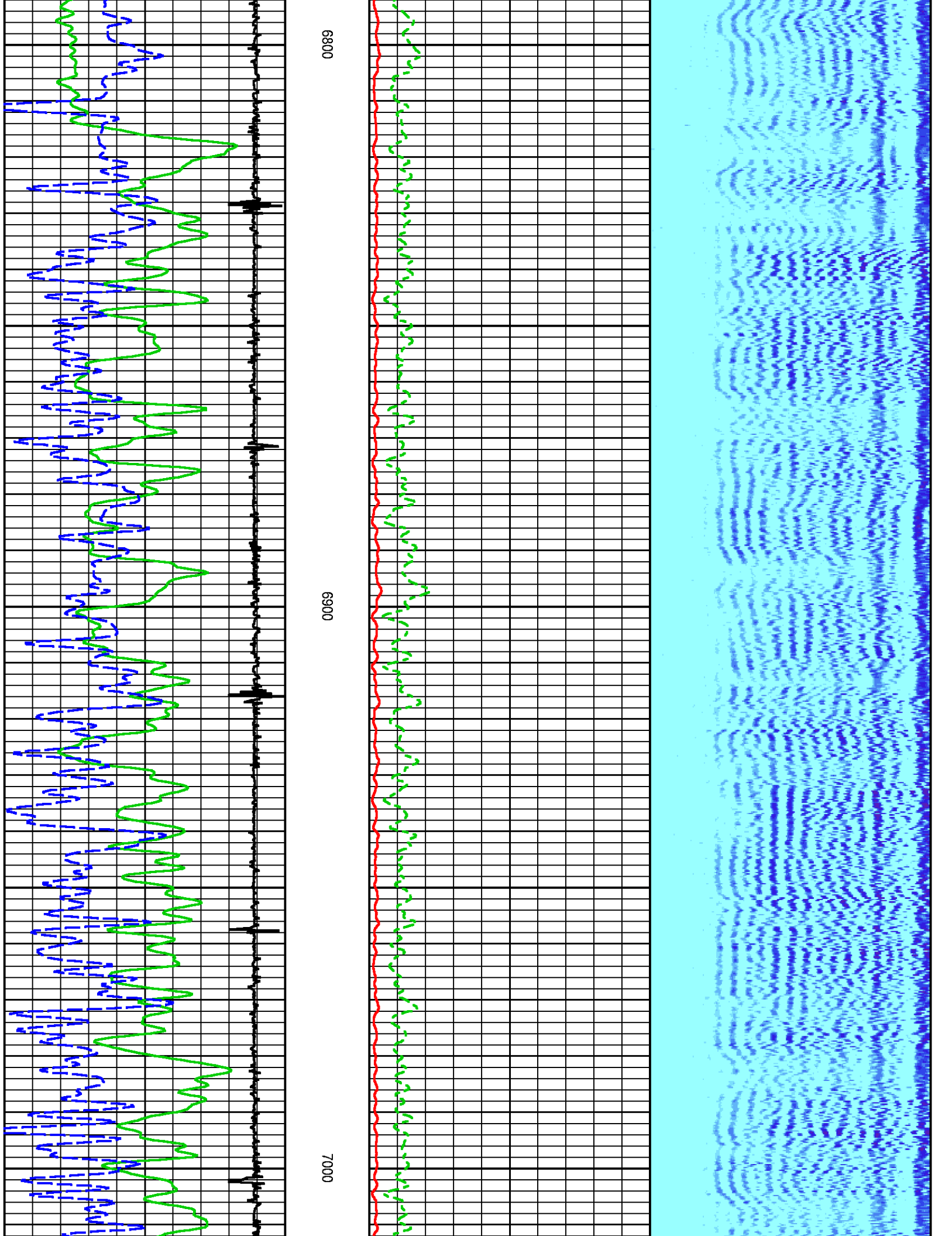


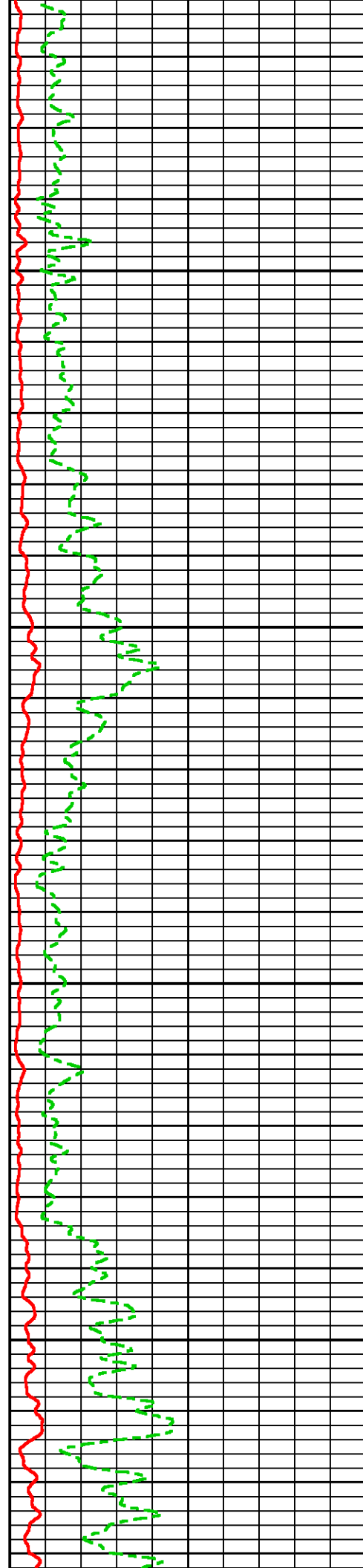
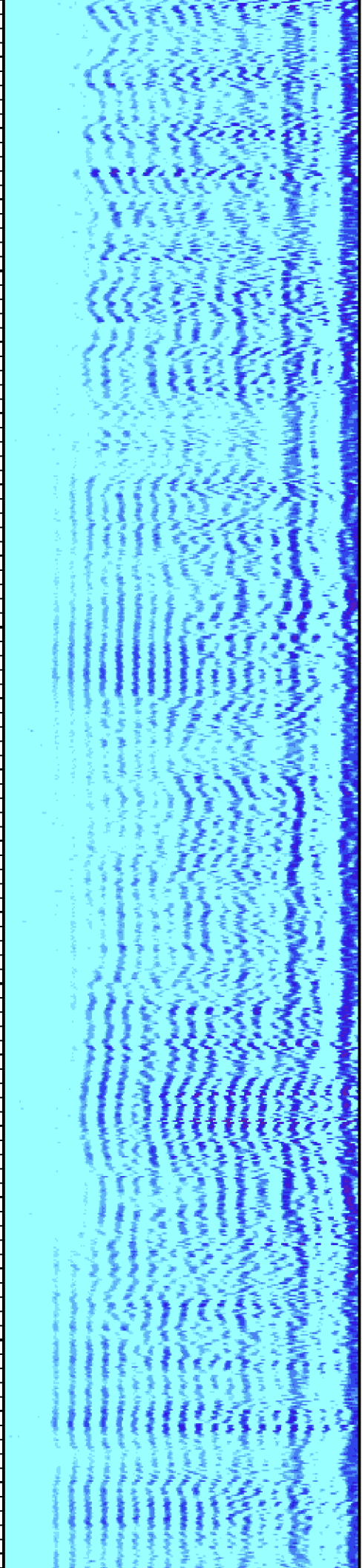


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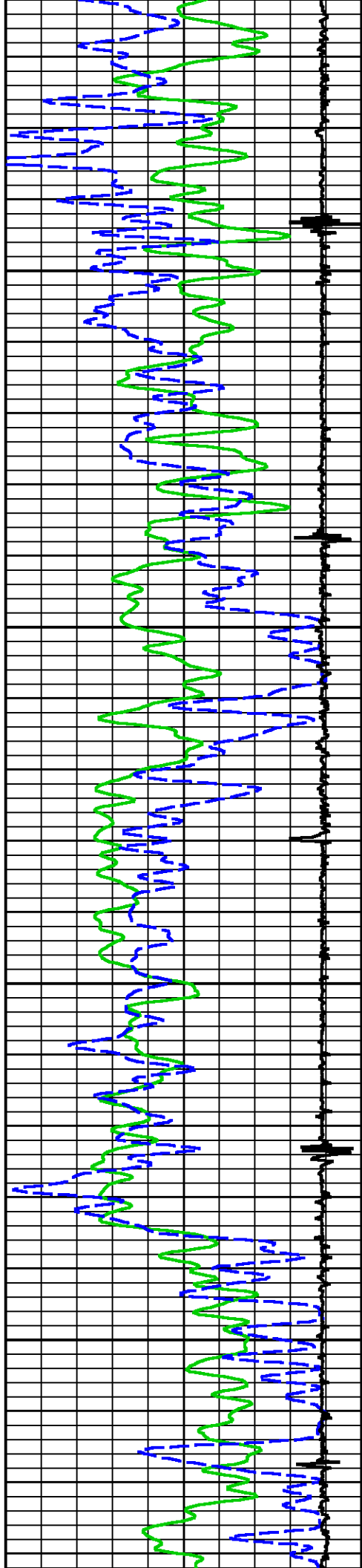


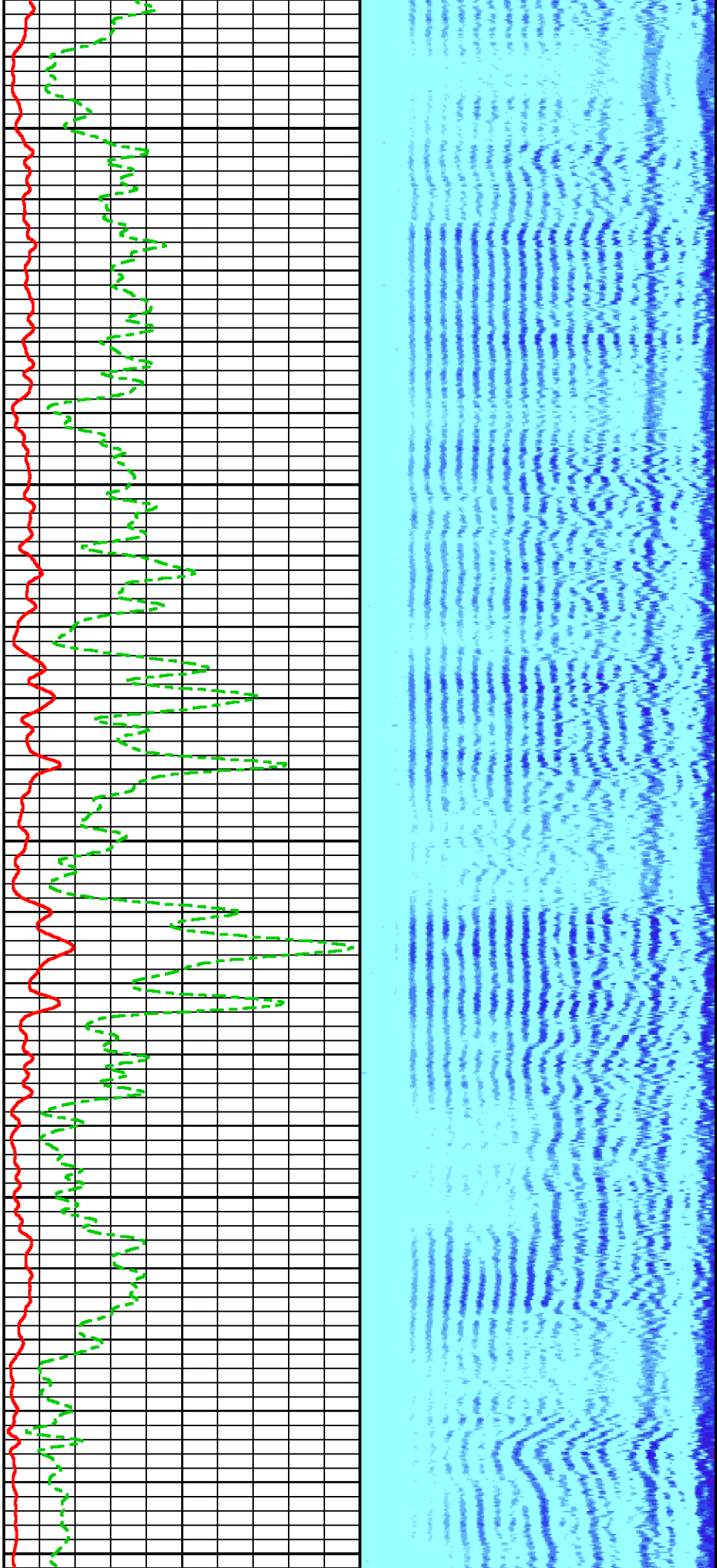




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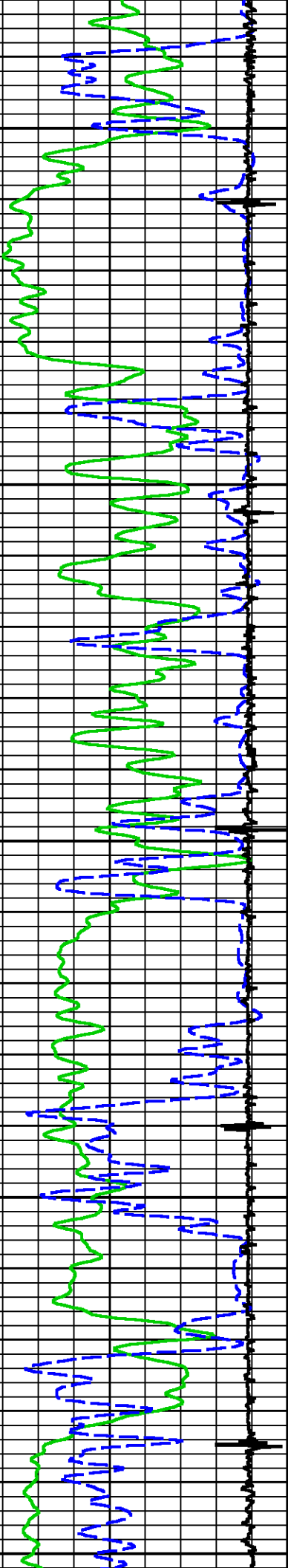
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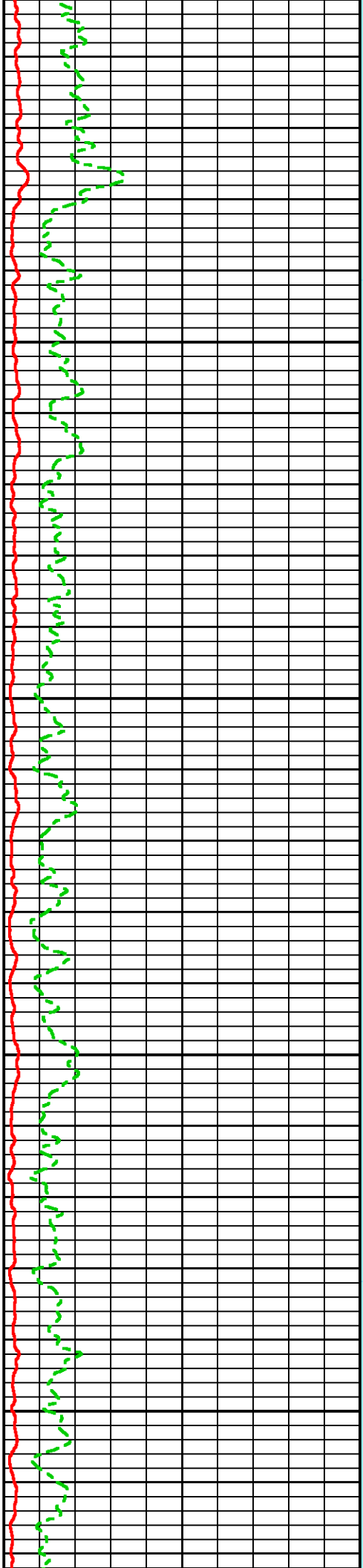
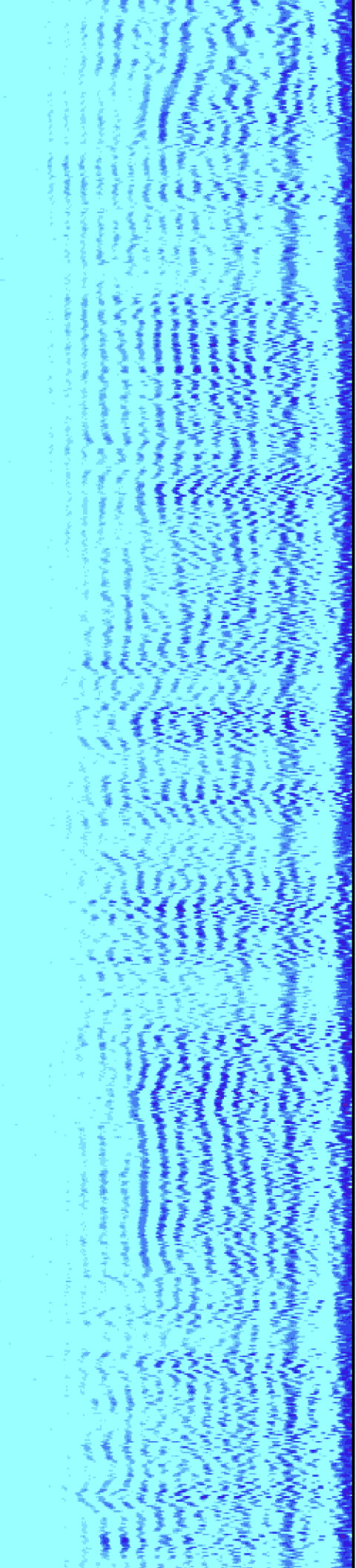


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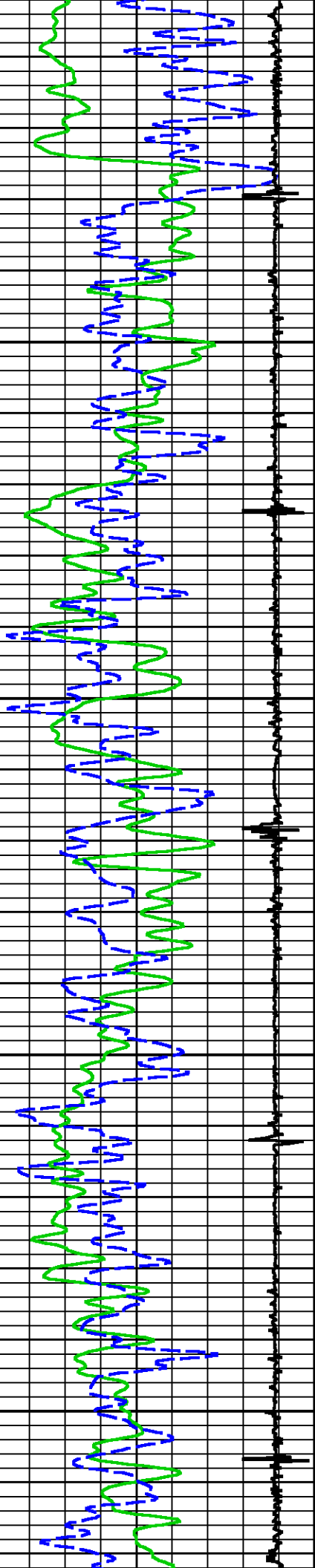


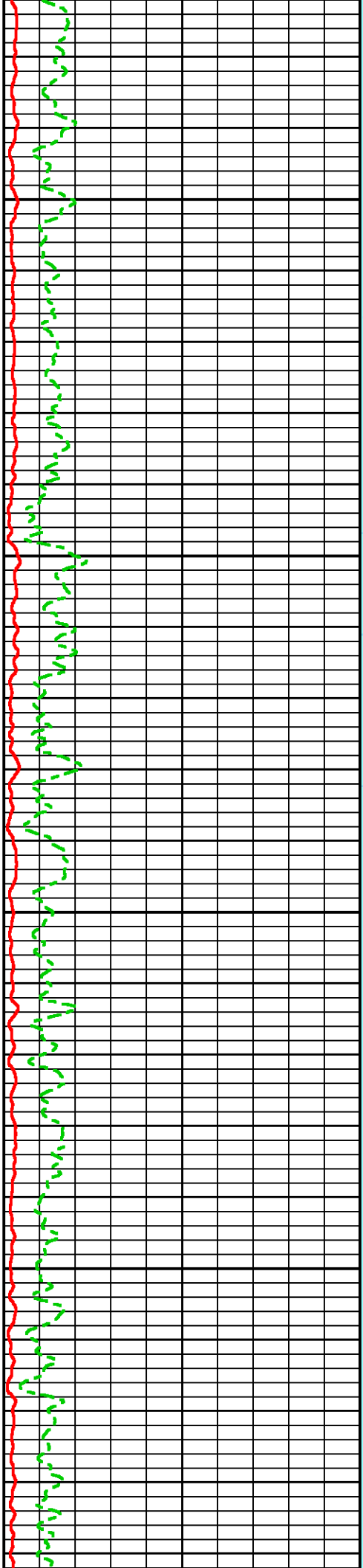
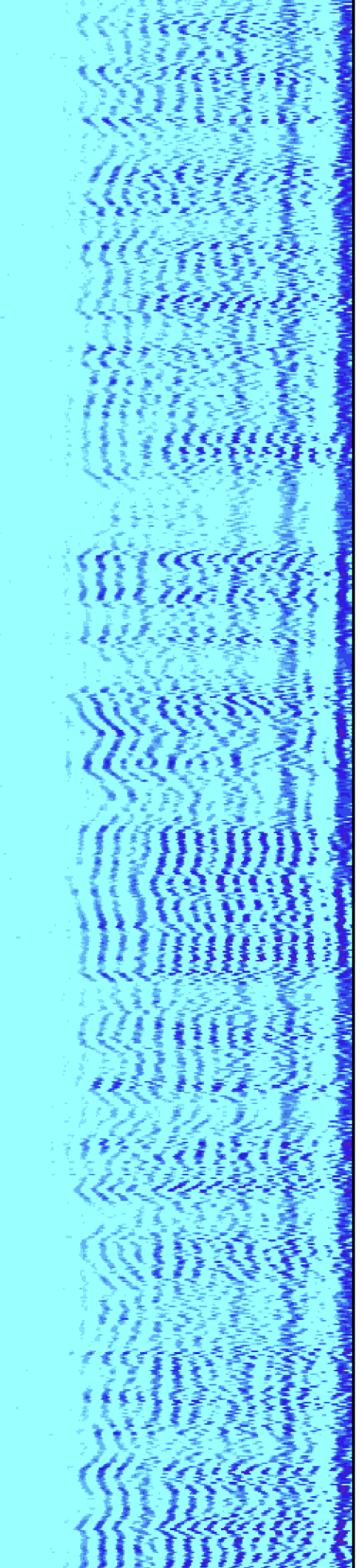




7500

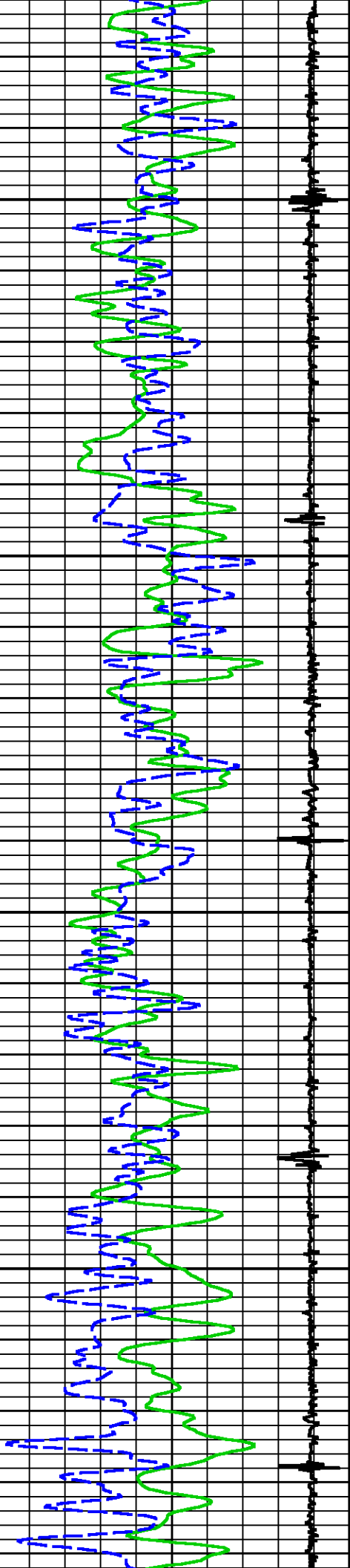
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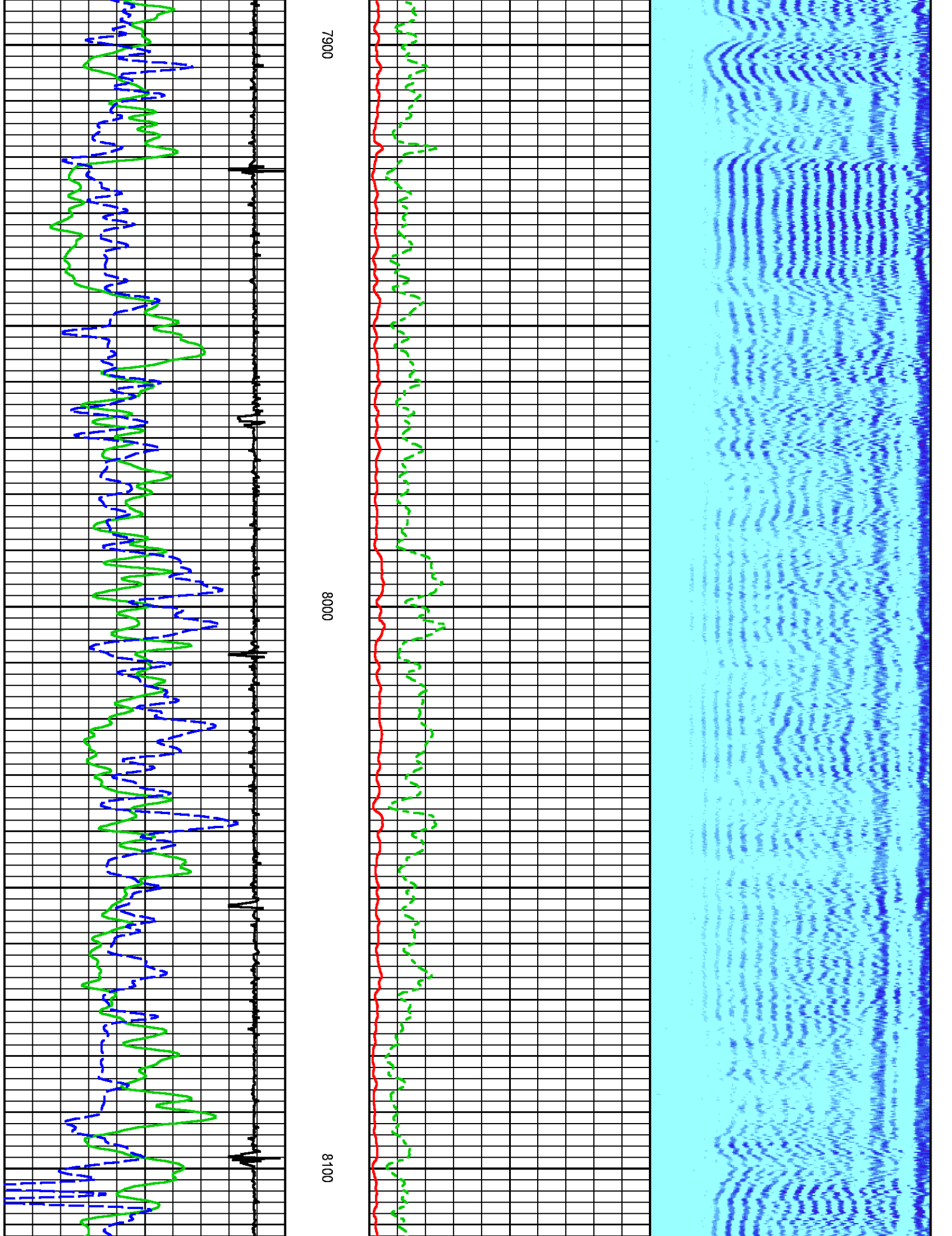


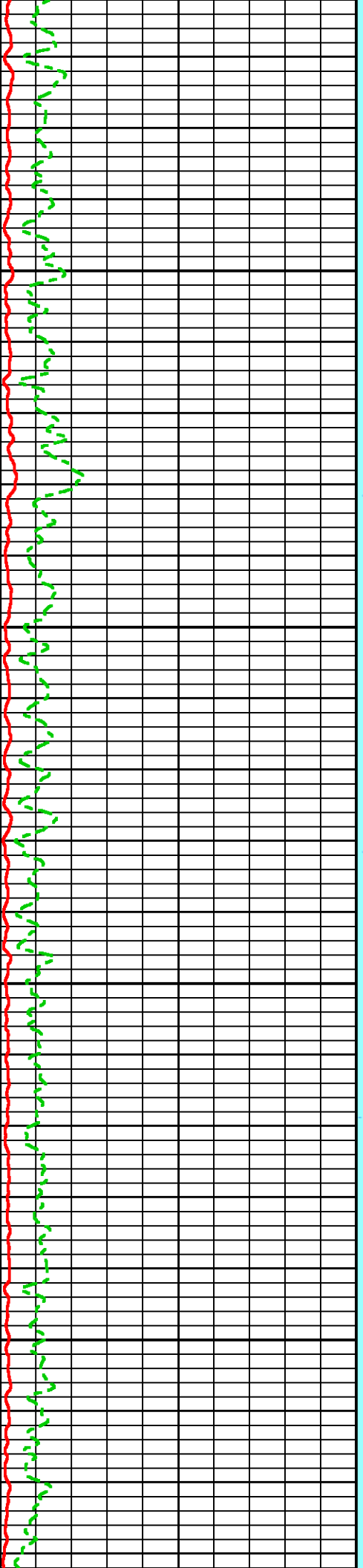
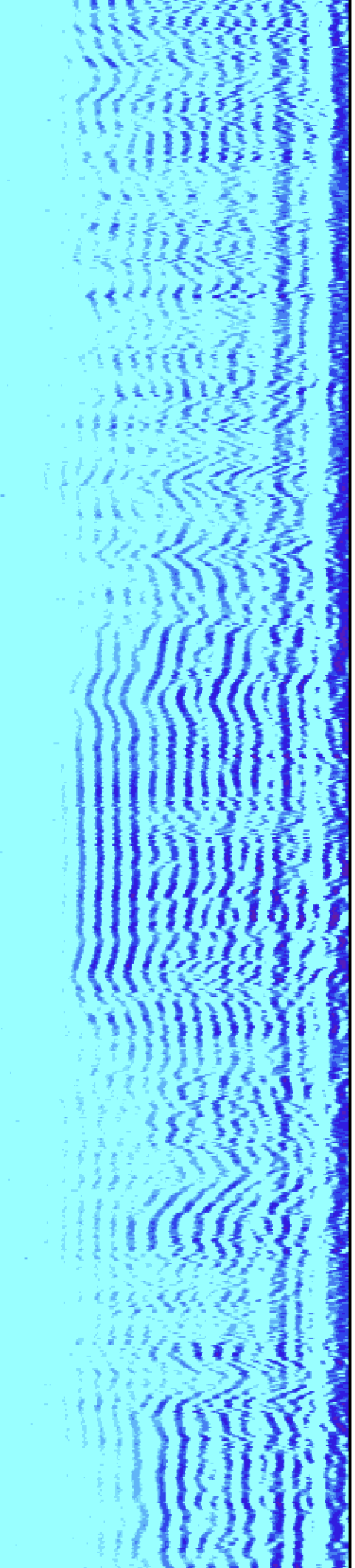


7700

7800

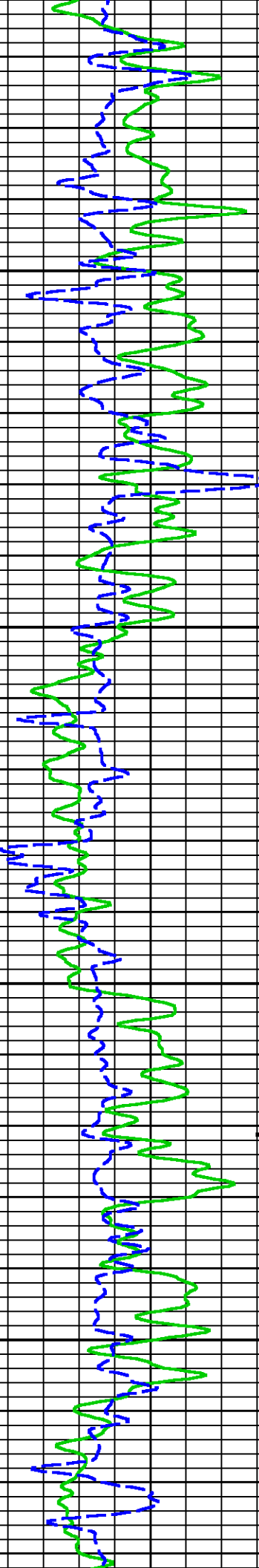
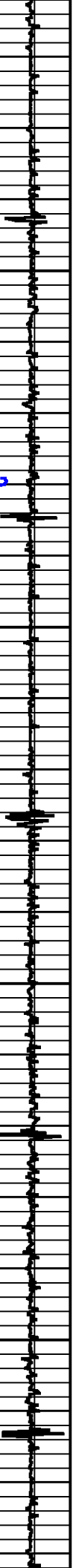




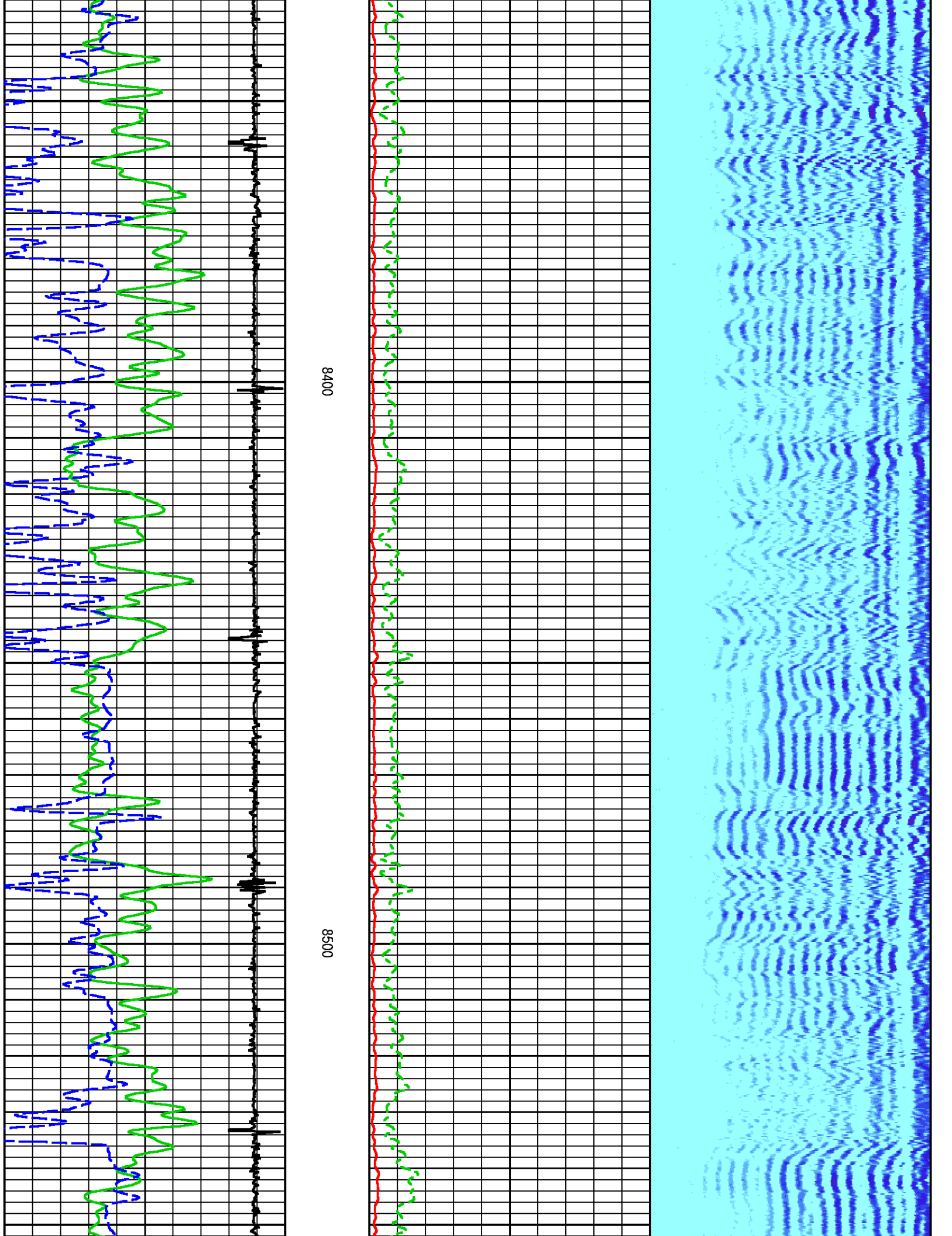


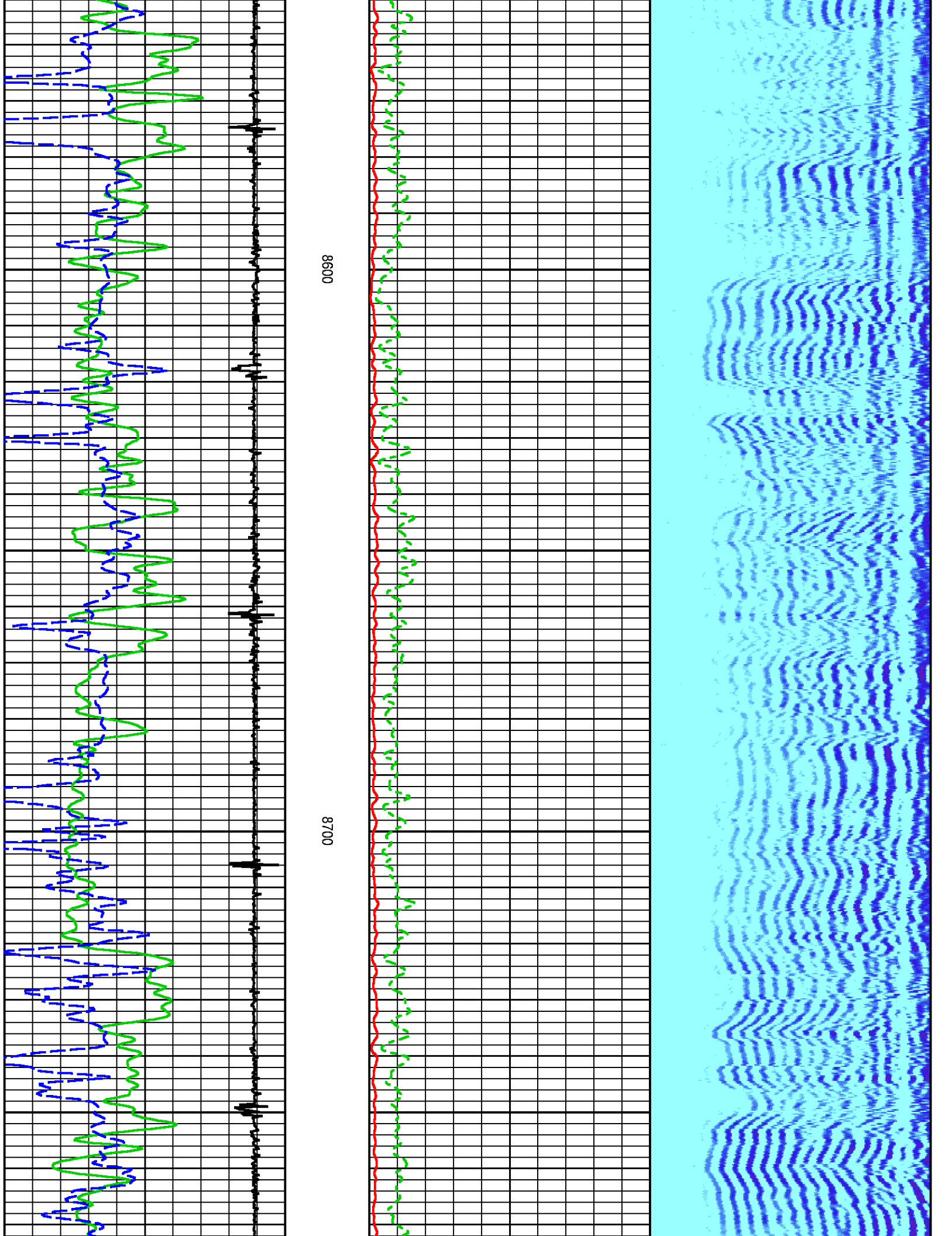
8200

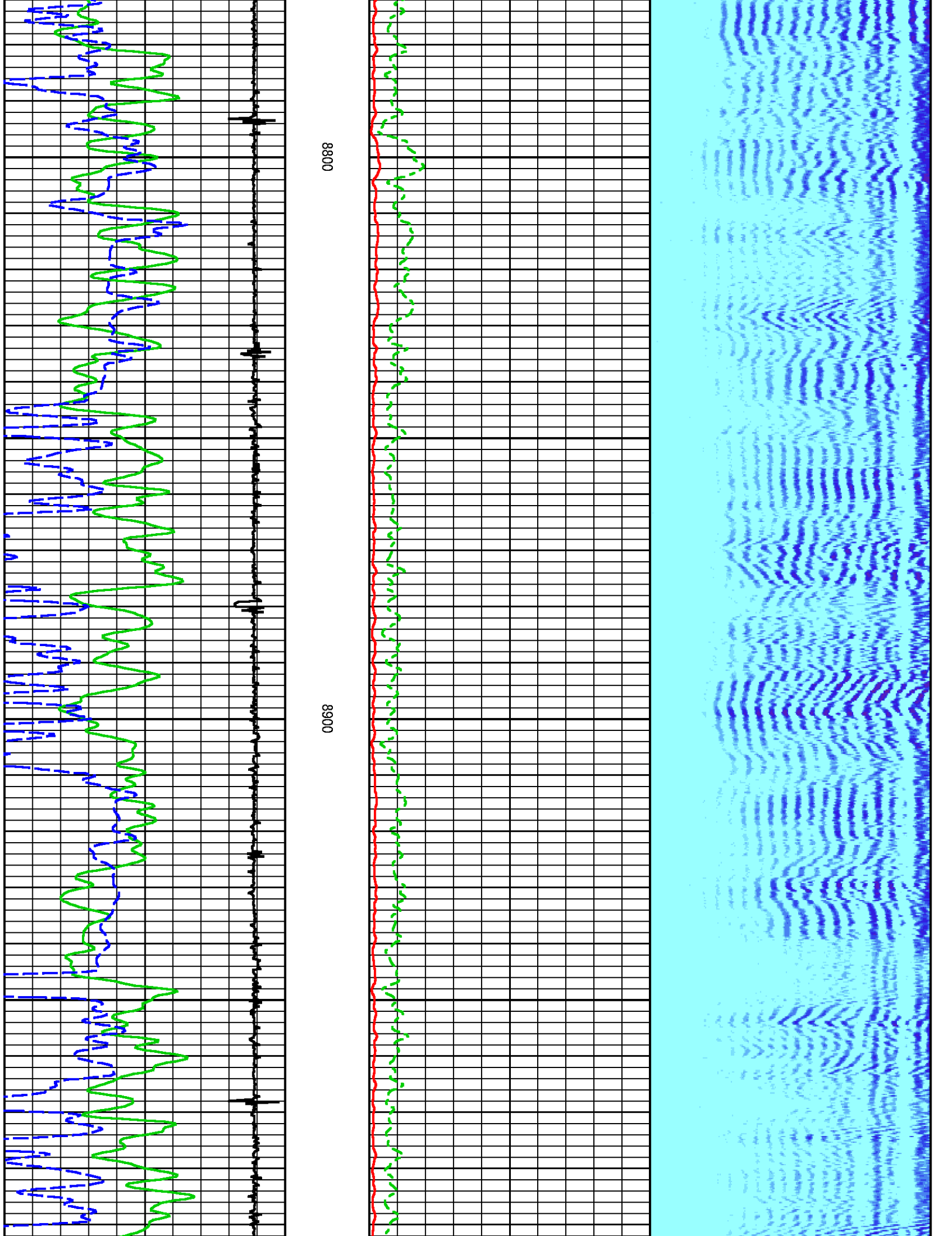
8300

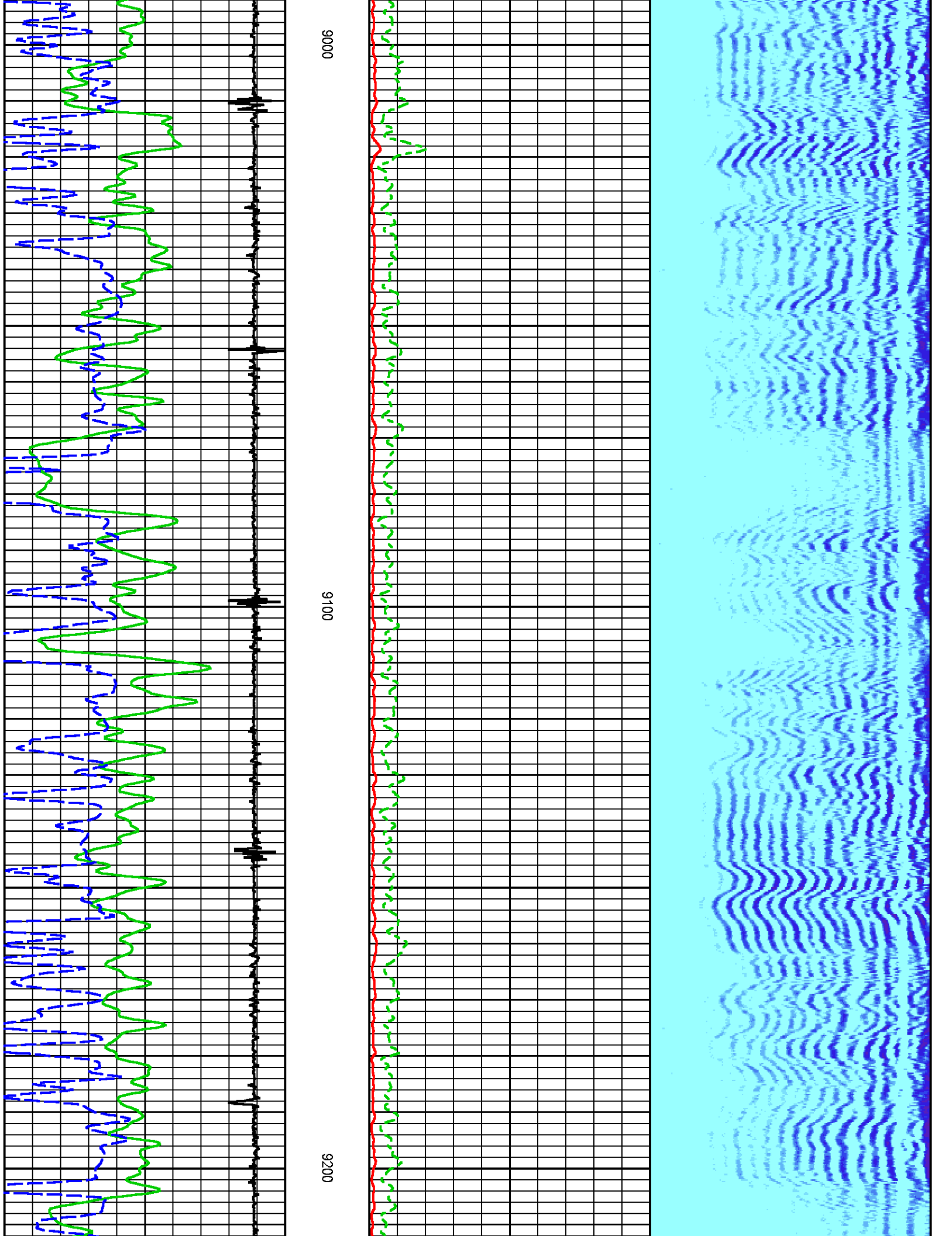




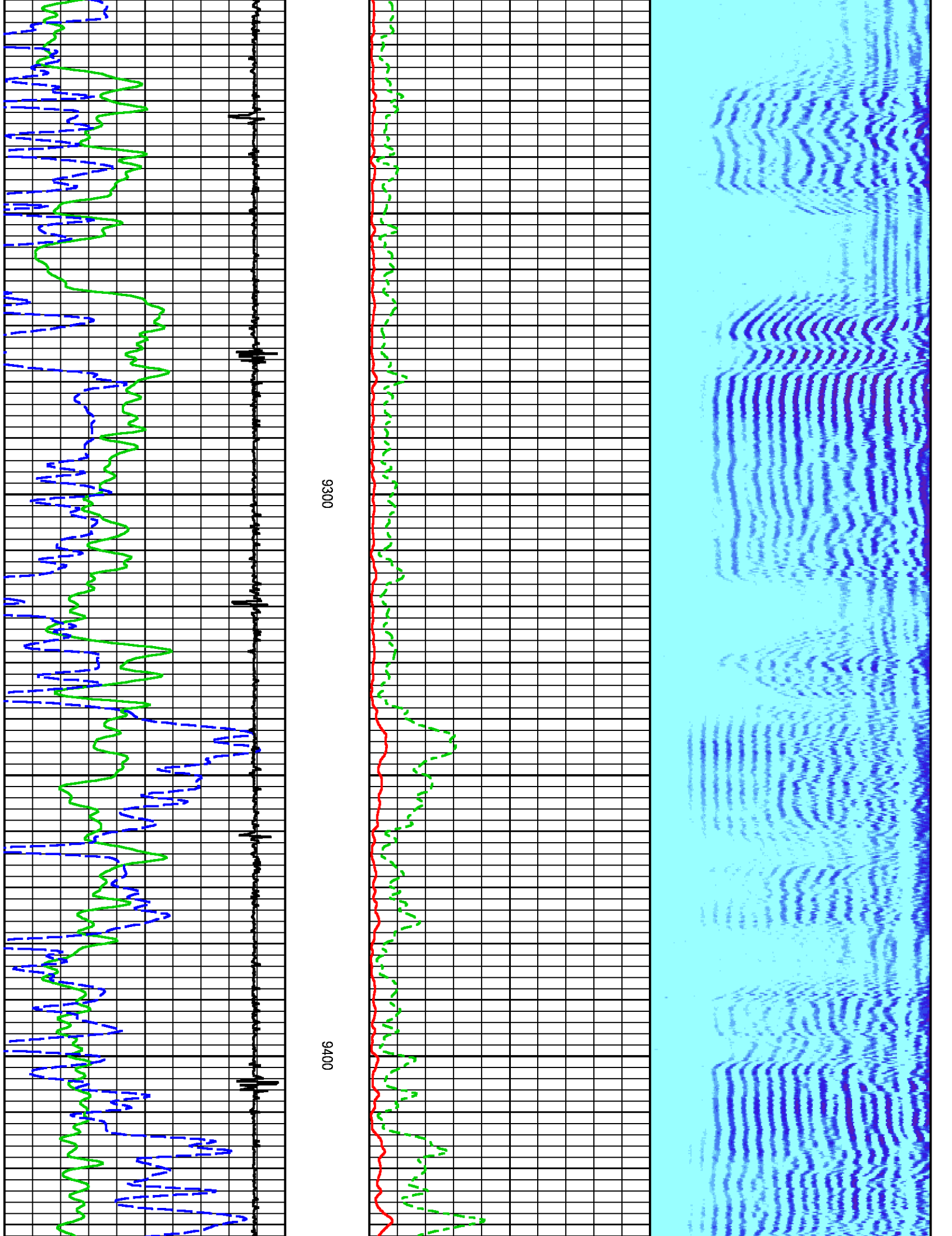


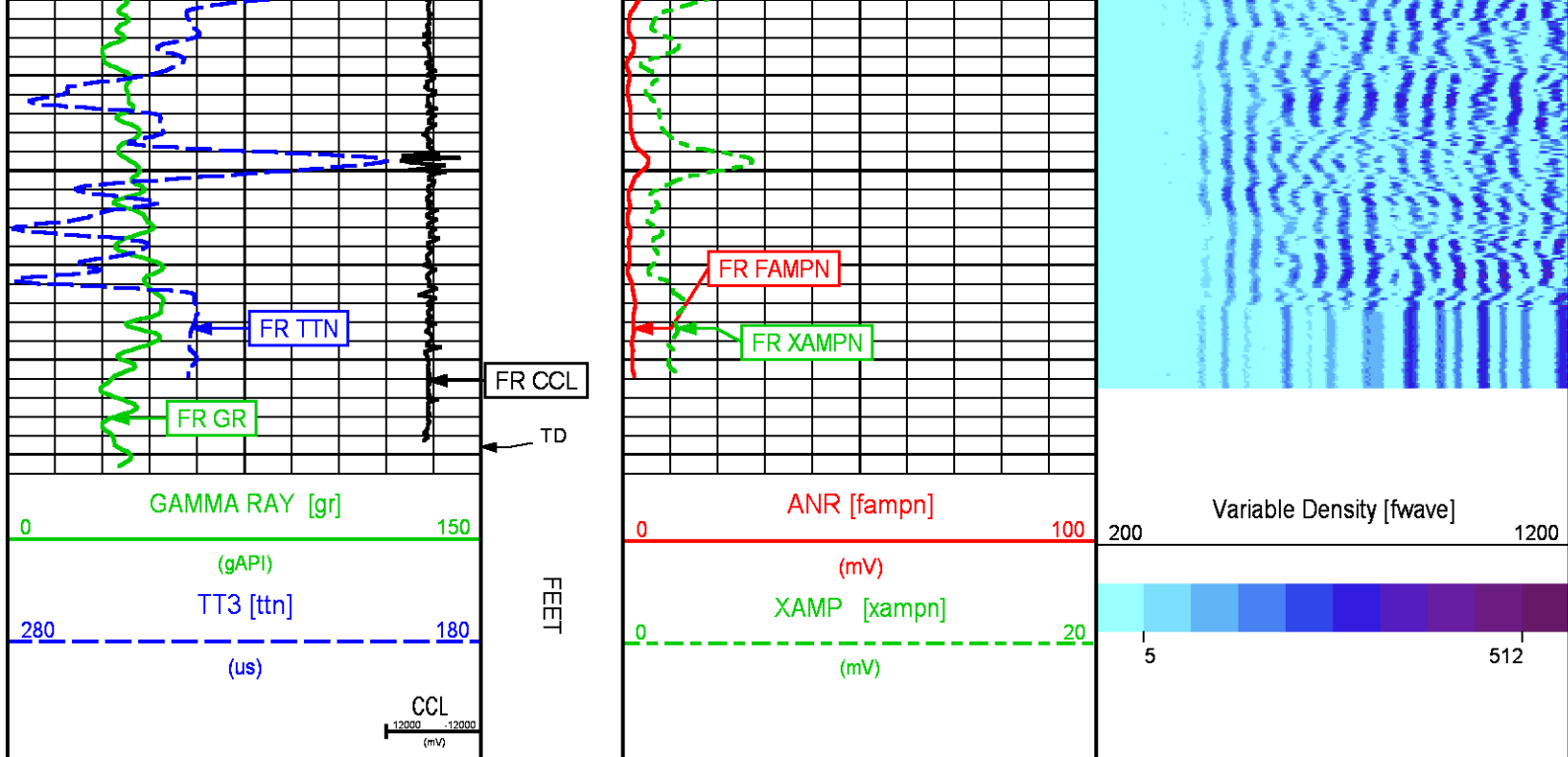












REPEAT LOG O PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1 Patches: 9

Plotted: Fri Sep 30 08:40:40 2016

## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/TEP\_YOUBERG\_RU\_323\_7/n012g01.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 8950.750 ft BOTTOM DEPTH: 9481.750 ft

### SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE      | UNITS | INTERVAL (ft) |        |
|------------------|-----------|------------|-------|---------------|--------|
| GR               | FILTER () | medium (1) |       | TOP           | BOTTOM |
| AMPLITUDE        | FILTER () | medium (1) |       | "             | "      |
| TRAVEL TIME      | FILTER () | medium (1) |       | "             | "      |

### RAL CCL PROCESSING

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (ft) |        |
|------------------|-----------|-------|-------|---------------|--------|
| CCL FLOOR        | CCL FLOOR | 0     |       | TOP           | BOTTOM |

### ANALOG RAL PROCESSING

| MEASUREMENT TYPE          | PARAMETER                  | VALUE   | UNITS | INTERVAL (ft) |        |
|---------------------------|----------------------------|---------|-------|---------------|--------|
| AMPLITUDE WINDOW (NEAR)   | AMP WINDOW START (fgpn*)   | 176     | us    | TOP           | BOTTOM |
|                           | AMP WINDOW LENGTH          | 25      | us    | "             | "      |
| TRAVEL TIME WINDOW (NEAR) | TT WINDOW START (ttn*)     | 160     | us    | "             | "      |
|                           | TT WINDOW LENGTH           | 500     | us    | "             | "      |
|                           | FIRST BRK THRESHOLD (ttn*) | 4       | mV    | "             | "      |
| RAL CASING PARAMETERS     | PPT NEAR                   | 200.391 | us    | "             | "      |
| RAL TOOL DELAY            | TOOL DELAY (strn*)         | -75     | us    | "             | "      |

CURVE DESCRIPTION REPORT

| CURVE NAME | CREATION DATE        | CURVE DESCRIPTION                             |
|------------|----------------------|---|
| F1:CCL     | Sep 30 08:25:40 2016 | CASING COLLAR LOCATOR                         |
| F1:FAMPN   | Sep 30 08:25:40 2016 | FIXED GATE AMPLITUDE NEAR RECEIVER            |
| F1:FWAVE   | Sep 30 08:25:40 2016 | FAR WAVE FORM                                 |
| F1:GR      | Sep 30 08:25:40 2016 | GAMMA RAY                                     |
| F1:TTN     | Sep 30 08:25:40 2016 | TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER     |
| F1:XAMPN   | Sep 30 08:25:40 2016 | FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE |

CURVE MEASURE POINT OFFSET

| CURVE | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) |
|-------|-------------|-------|-------------|-------|-------------|-------|-------------|
| CCL   | 5.75        | GR    | 1.75        | XAMPN | 11.25       |       |             |
| FAMPN | 11.25       | TTN   | 11.25       |       |             |       |             |

Presentation

Plot Interval

: cpu100:/dat1a/TEP\_YOUBERG\_RU\_323\_7/ral\_cbl+01-REPEAT-REPRAL-5.fvpdf [5"/100' Scale]

: 9200 - 9480.25 Feet

Data File 1

Created On

Company

Well

Field

File Interval

OCT

: F1 : cpu100:/dat1a/TEP\_YOUBERG\_RU\_323\_7/REPRAL.xtf

: Sep 30 08:25:40 2016

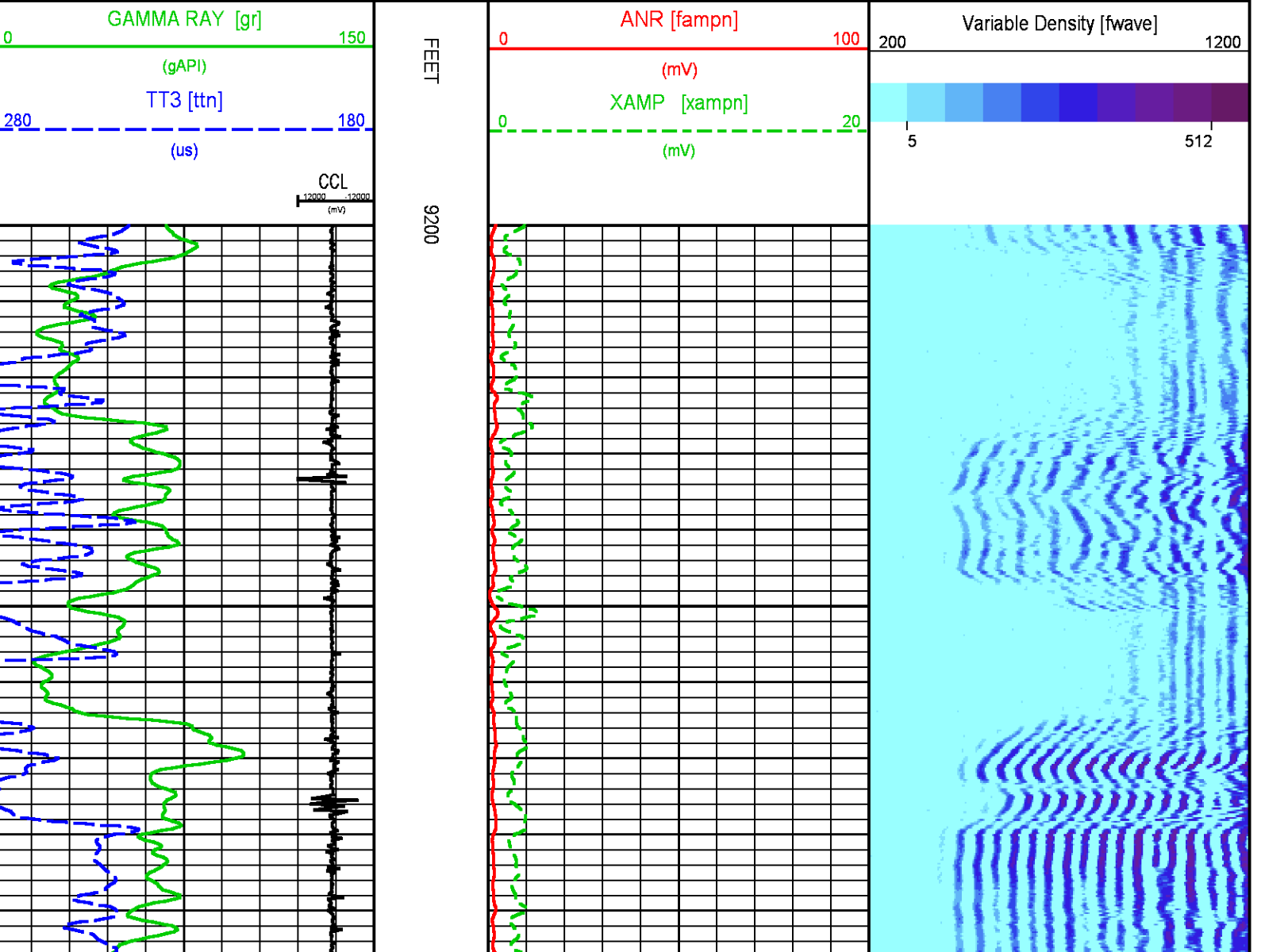
: TEP ROCKY MOUNTAIN LLC

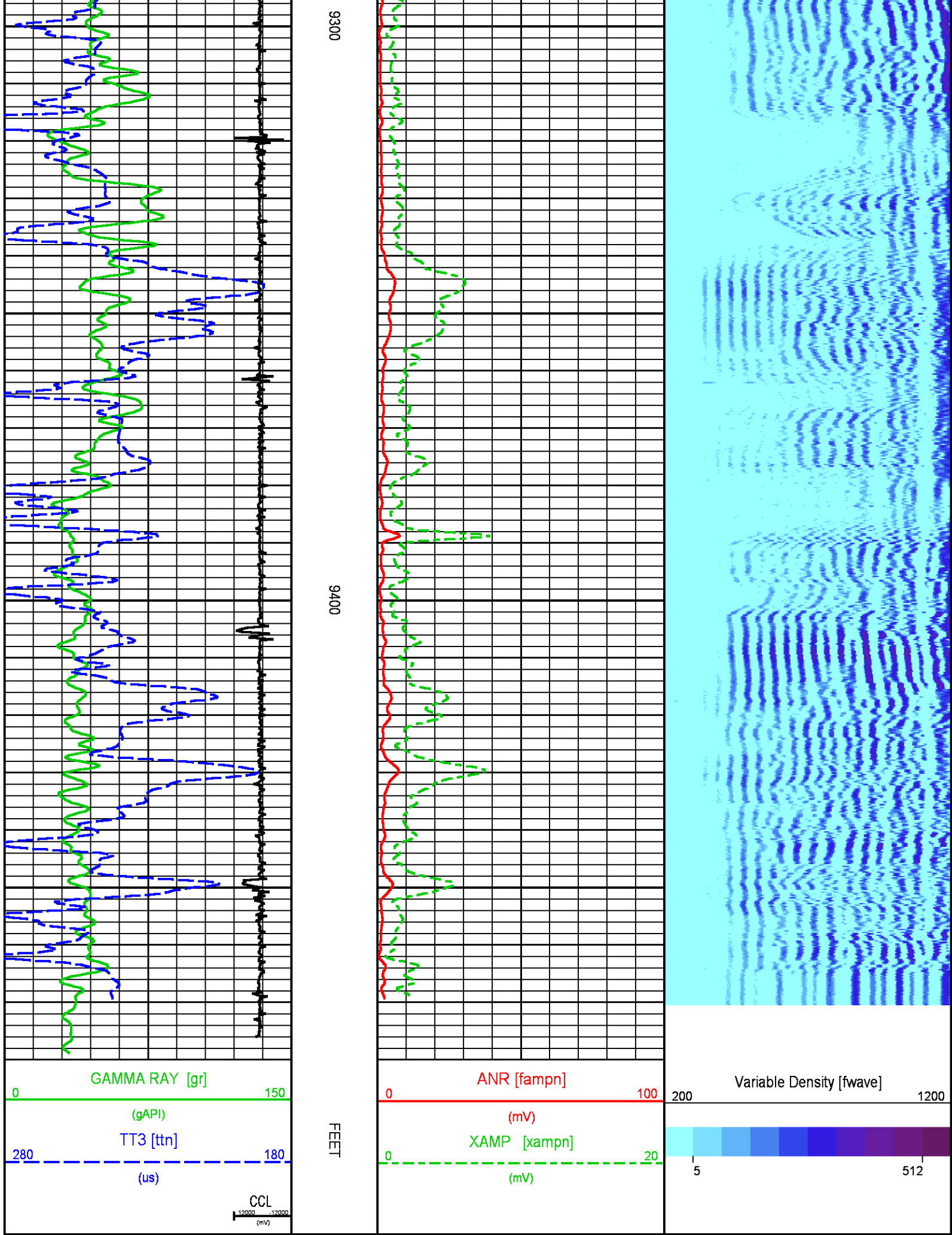
: YOUNBERG RU 323-7

: RULISON

: 8939.25 - 9481.75 Feet

: n012g







# MAIN LOG 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1 Patches: 9

Plotted: Fri Sep 30 11:29:26 2016

## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/TEP\_YOUBERG\_RU\_323\_7/n012g02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 20.250 ft BOTTOM DEPTH: 9483.480 ft

### SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE      | UNITS | INTERVAL (ft) |        |
|------------------|-----------|------------|-------|---------------|--------|
| GR               | FILTER () | medium (1) |       | TOP           | BOTTOM |
| AMPLITUDE        | FILTER () | medium (1) |       | "             | "      |
| TRAVEL TIME      | FILTER () | medium (1) |       | "             | "      |

### RAL CCL PROCESSING

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (ft) |        |
|------------------|-----------|-------|-------|---------------|--------|
| CCL FLOOR        | CCL FLOOR | 0     |       | TOP           | BOTTOM |

### ANALOG RAL PROCESSING

| MEASUREMENT TYPE          | PARAMETER                  | VALUE   | UNITS | INTERVAL (ft) |        |
|---------------------------|----------------------------|---------|-------|---------------|--------|
| AMPLITUDE WINDOW (NEAR)   | AMP WINDOW START (fgp1*)   | 176     | us    | TOP           | BOTTOM |
|                           | AMP WINDOW START (fgp2*)   | 176     | us    | "             | "      |
|                           | AMP WINDOW START (fgp3*)   | 176     | us    | "             | "      |
|                           | AMP WINDOW START (fgp4*)   | 176     | us    | "             | "      |
|                           | AMP WINDOW START (fgp5*)   | 176     | us    | "             | "      |
|                           | AMP WINDOW START (fgp6*)   | 176     | us    | "             | "      |
|                           | AMP WINDOW START (fgp7*)   | 176     | us    | "             | "      |
|                           | AMP WINDOW START (fgp8*)   | 176     | us    | "             | "      |
|                           | AMP WINDOW START (fgpn*)   | 176     | us    | "             | "      |
| TRAVEL TIME WINDOW (NEAR) | AMP WINDOW LENGTH          | 25      | us    | "             | "      |
|                           | TT WINDOW START (ttn*)     | 160     | us    | "             | "      |
|                           | TT WINDOW LENGTH           | 500     | us    | "             | "      |
|                           | FIRST BRK THRESHOLD (ttn*) | 4       | mV    | "             | "      |
| RAL CASING PARAMETERS     | PPT NEAR                   | 200.391 | us    | "             | "      |
| RAL TOOL DELAY            | TOOL DELAY (str1*)         | -75     | us    | "             | "      |
|                           | TOOL DELAY (str2*)         | -75     | us    | "             | "      |
|                           | TOOL DELAY (str3*)         | -75     | us    | "             | "      |
|                           | TOOL DELAY (str4*)         | -75     | us    | "             | "      |
|                           | TOOL DELAY (str5*)         | -75     | us    | "             | "      |
|                           | TOOL DELAY (str6*)         | -75     | us    | "             | "      |
|                           | TOOL DELAY (str7*)         | -75     | us    | "             | "      |
|                           | TOOL DELAY (str8*)         | -75     | us    | "             | "      |
| BASELINE NOISE (NEAR)     | TOOL DELAY (strn*)         | -75     | us    | "             | "      |
|                           | NOISE WINDOW START         | 125     | us    | "             | "      |
|                           | NOISE WINDOW LENGTH        | 25      | us    | "             | "      |

### PERCENT BOND CEMENT MAP

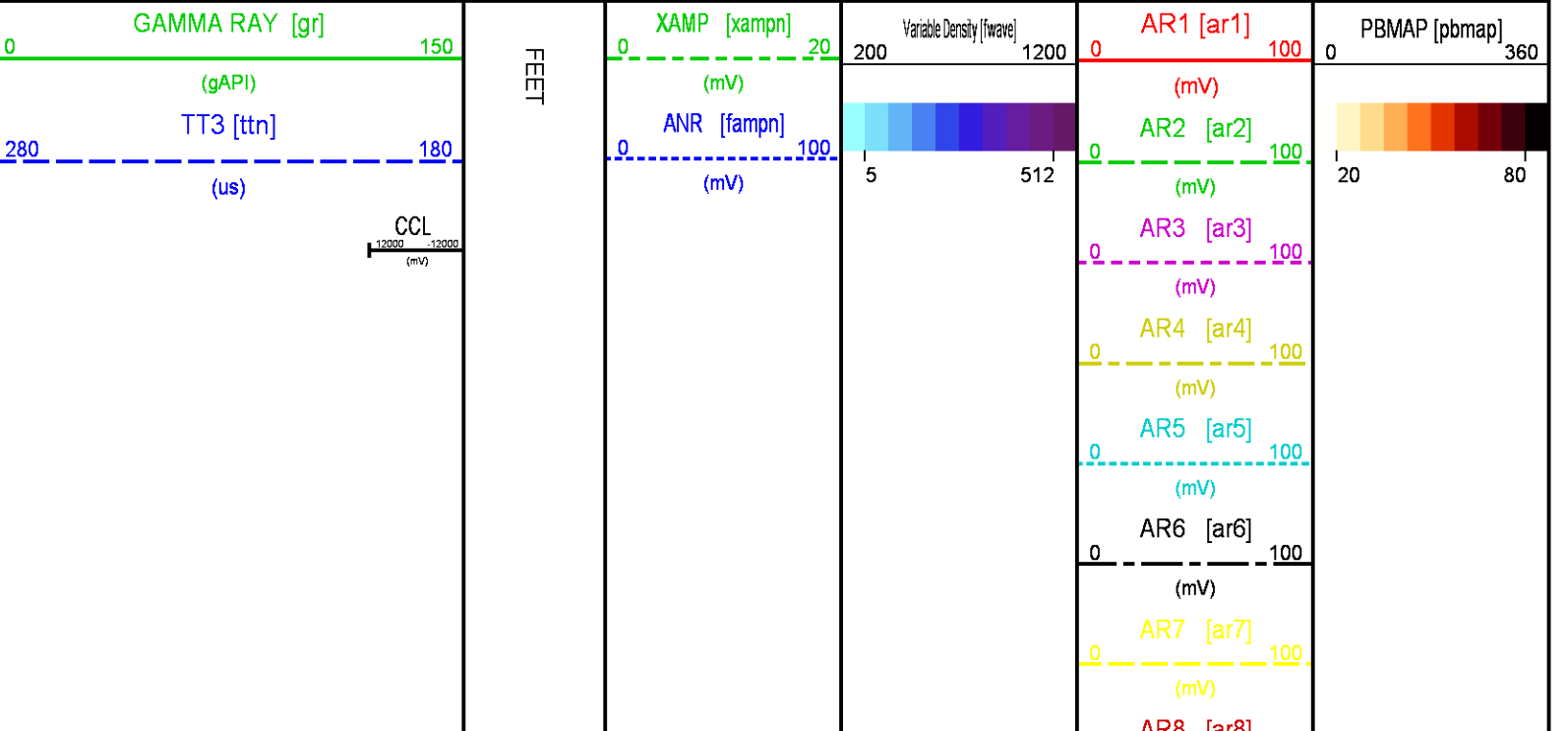
| MEASUREMENT TYPE        | PARAMETER      | VALUE | UNITS | INTERVAL (ft) |        |
|-------------------------|----------------|-------|-------|---------------|--------|
| RAL FREE PIPE AMPLITUDE | FREE AMP REC 1 | 80    | mV    | TOP           | BOTTOM |
|                         | FREE AMP REC 2 | 80    | mV    | "             | "      |
|                         | FREE AMP REC 3 | 80    | mV    | "             | "      |
|                         | FREE AMP REC 4 | 80    | mV    | "             | "      |
|                         | FREE AMP REC 5 | 80    | mV    | "             | "      |
|                         | FREE AMP REC 6 | 80    | mV    | "             | "      |
|                         | FREE AMP REC 7 | 80    | mV    | "             | "      |
|                         | FREE AMP REC 8 | 80    | mV    | "             | "      |

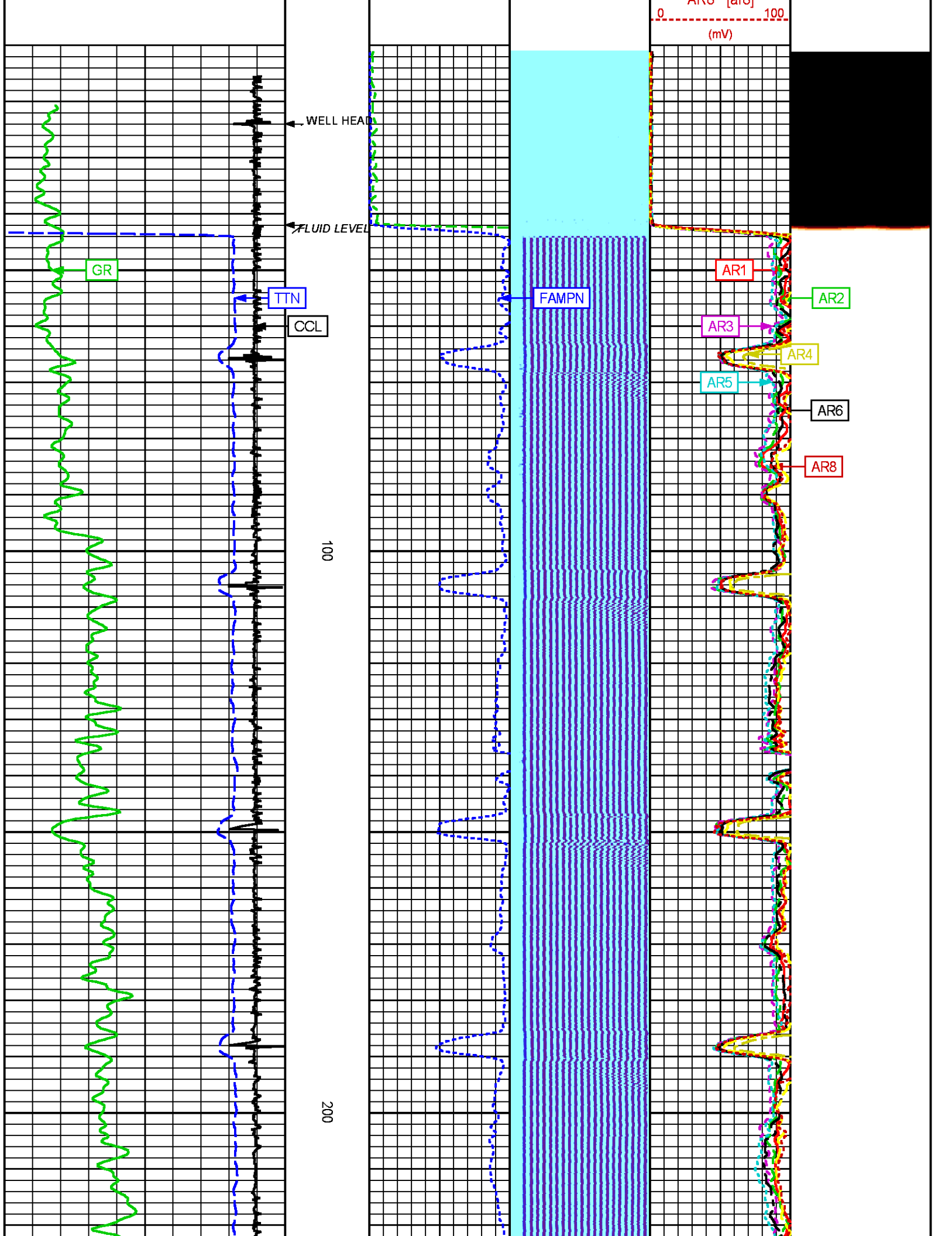
|                         |                     |   |    |   |   |
|-------------------------|---------------------|---|----|---|---|
| RAL FULL BOND AMPLITUDE | FULL BOND AMP REC 1 | 2 | mV | " | " |
|                         | FULL BOND AMP REC 2 | 2 | mV | " | " |
|                         | FULL BOND AMP REC 3 | 2 | mV | " | " |
|                         | FULL BOND AMP REC 4 | 2 | mV | " | " |
|                         | FULL BOND AMP REC 5 | 2 | mV | " | " |
|                         | FULL BOND AMP REC 6 | 2 | mV | " | " |
|                         | FULL BOND AMP REC 7 | 2 | mV | " | " |
|                         | FULL BOND AMP REC 8 | 2 | mV | " | " |

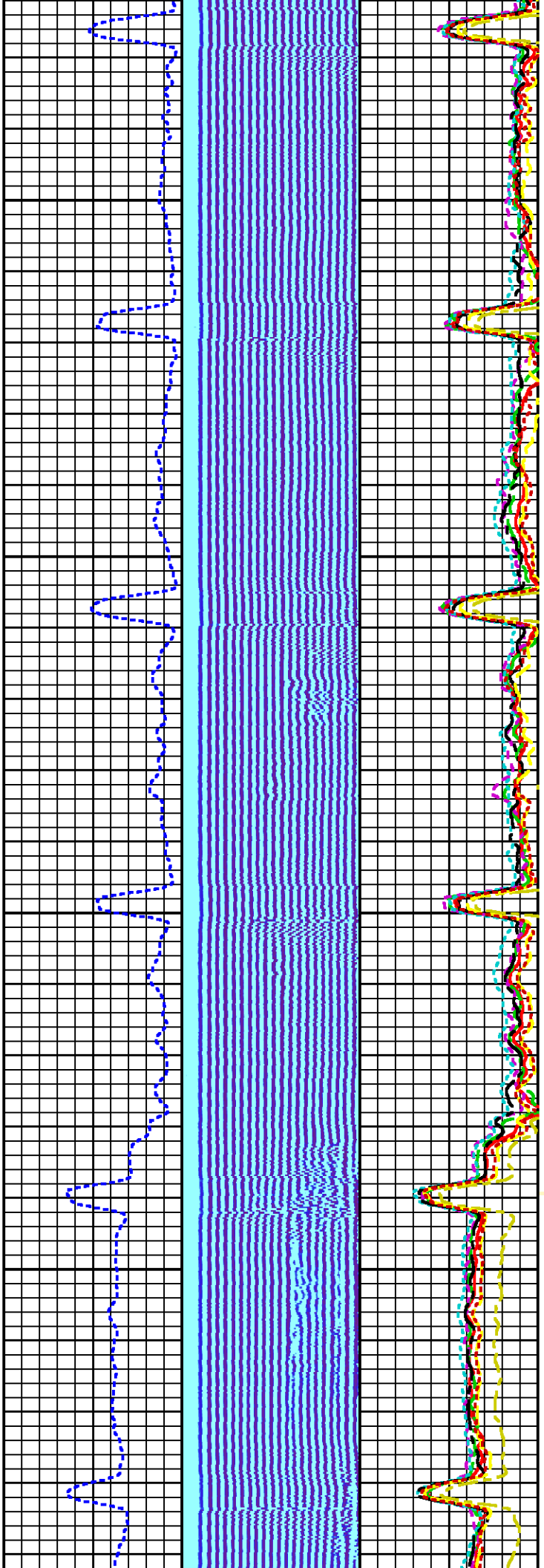
| CURVE DESCRIPTION REPORT |                      |   |
|--------------------------|----------------------|---|
| CURVE NAME               | CREATION DATE        | CURVE DESCRIPTION                             |
| F1:AR1                   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE T-R1                     |
| F1:AR2                   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE T-R2                     |
| F1:AR3                   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE T-R3                     |
| F1:AR4                   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE T-R4                     |
| F1:AR5                   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE T-R5                     |
| F1:AR6                   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE T-R6                     |
| F1:AR7                   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE T-R7                     |
| F1:AR8                   | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE T-R8                     |
| F1:CCL                   | Sep 30 08:35:42 2016 | CASING COLLAR LOCATOR                         |
| F1:FAMPN                 | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE NEAR RECEIVER            |
| F1:FWAVE                 | Sep 30 08:35:42 2016 | FAR WAVE FORM                                 |
| F1:GR                    | Sep 30 08:35:42 2016 | GAMMA RAY                                     |
| F1:PBMAP                 | Sep 30 08:35:42 2016 | PERCENT BOND CEMENT MAP                       |
| F1:TTN                   | Sep 30 08:35:42 2016 | TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER     |
| F1:XAMPN                 | Sep 30 08:35:42 2016 | FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE |

| CURVE MEASURE POINT OFFSET |             |       |             |       |             |       |             |
|----------------------------|-------------|-------|-------------|-------|-------------|-------|-------------|
| CURVE                      | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) |
| AR1                        | 11.25       | AR5   | 11.25       | CCL   | 5.75        | XAMPN | 11.25       |
| AR2                        | 11.25       | AR6   | 11.25       | FAMPN | 11.25       |       |             |
| AR3                        | 11.25       | AR7   | 11.25       | GR    | 1.75        |       |             |
| AR4                        | 11.25       | AR8   | 11.25       | TTN   | 11.25       |       |             |

|               |  |
|---------------|--|
| Presentation  | : cpu100:/dat1a/TEP_YOUBERG_RU_323_7/ral_all+01-MAIN-MAINRAL-5.fvpdf [5"/100' Scale] |
| Plot Interval | : 11 - 9483 Feet   |
| Data File 1   | : F1 : cpu100:/dat1a/TEP_YOUBERG_RU_323_7/MAINRAL.xtf                                |
| Created On    | : Sep 30 08:35:42 2016   |
| Company       | : TEP ROCKY MOUNTAIN LLC   |
| Well          | : YOUBERG RU 323-7   |
| Field         | : RULISON  |
| File Interval | : 10 - 9484.25 Feet  |
| OCT           | : n012g  |

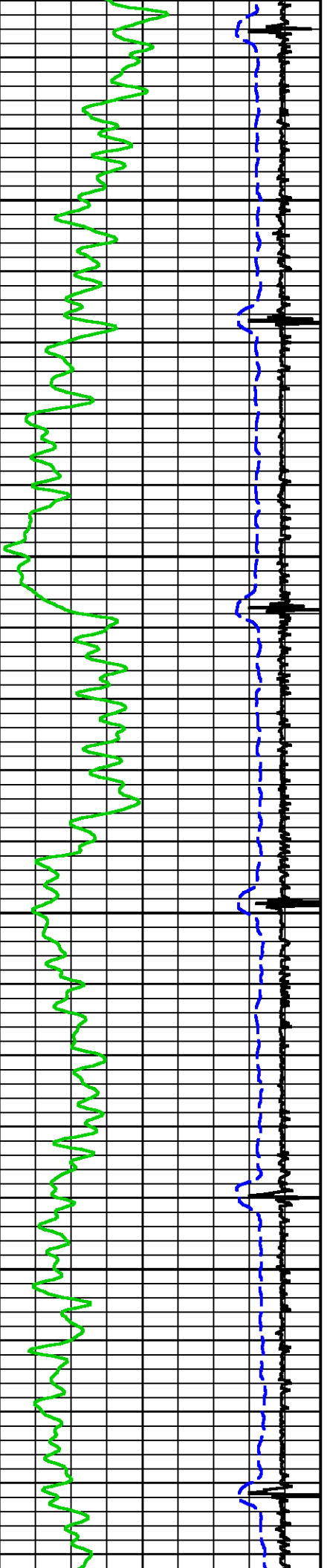




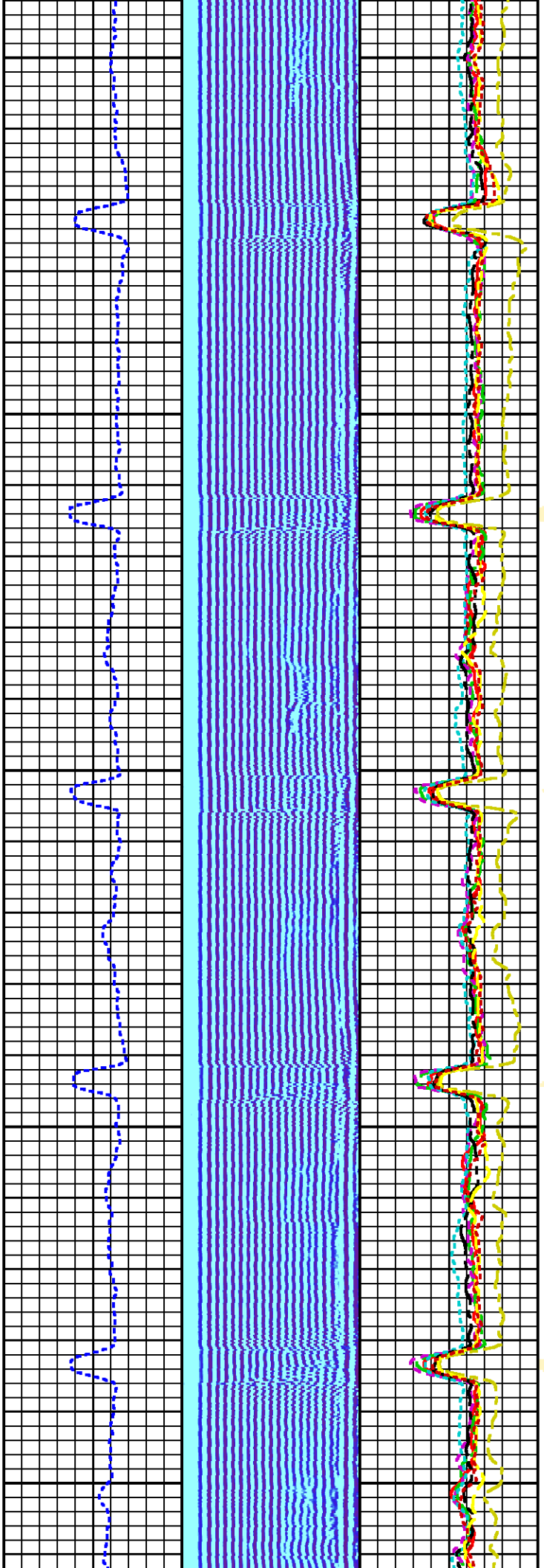


300

400

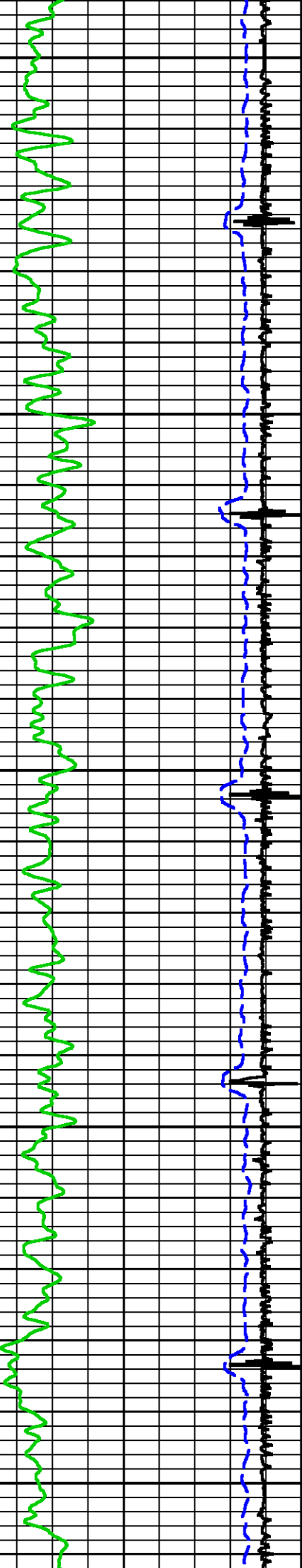


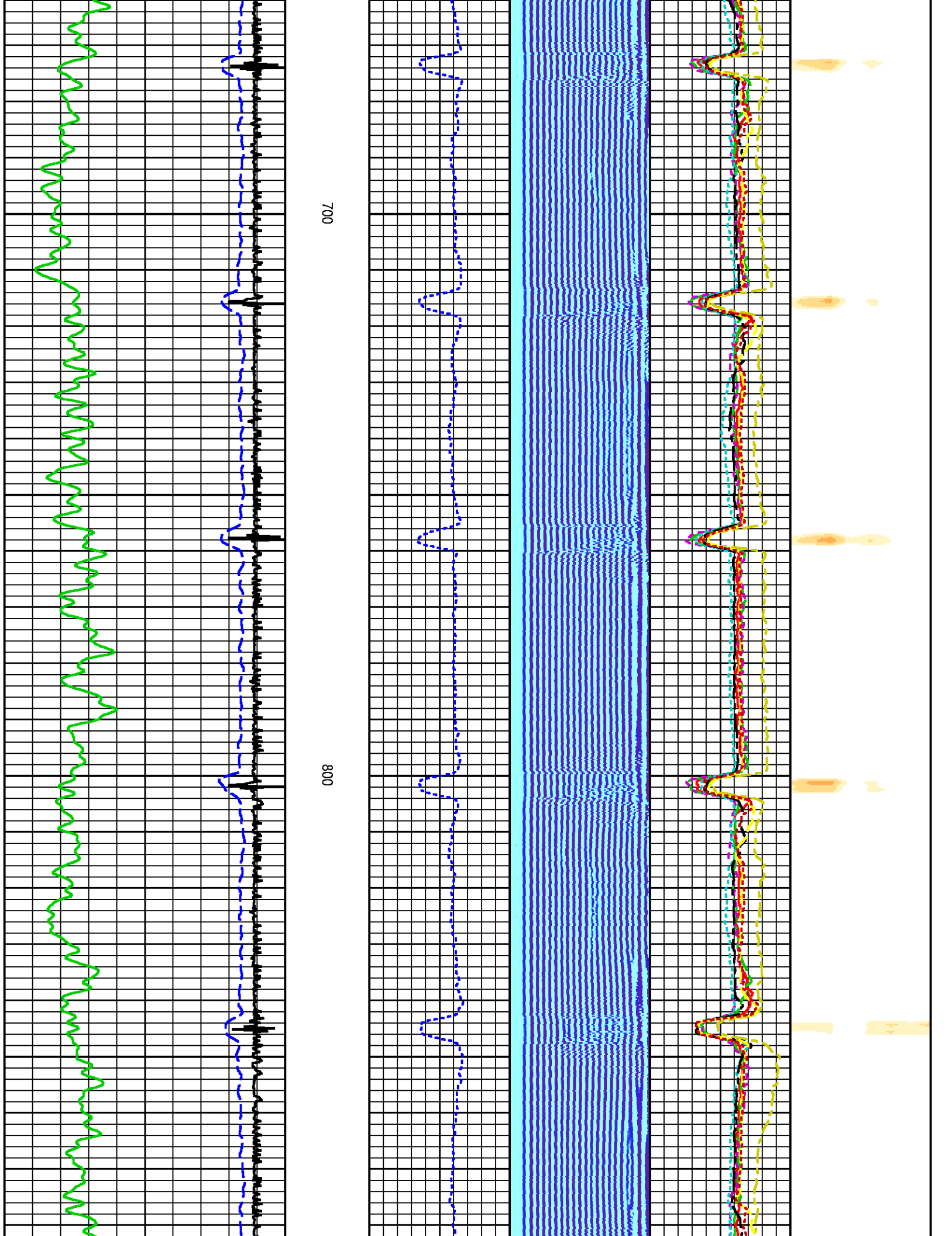


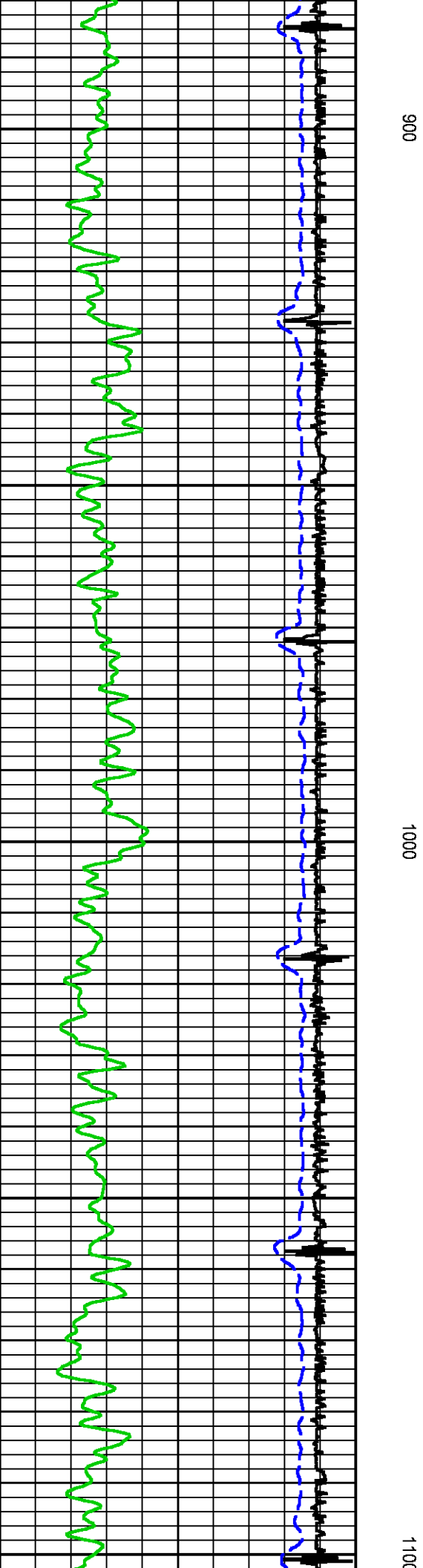
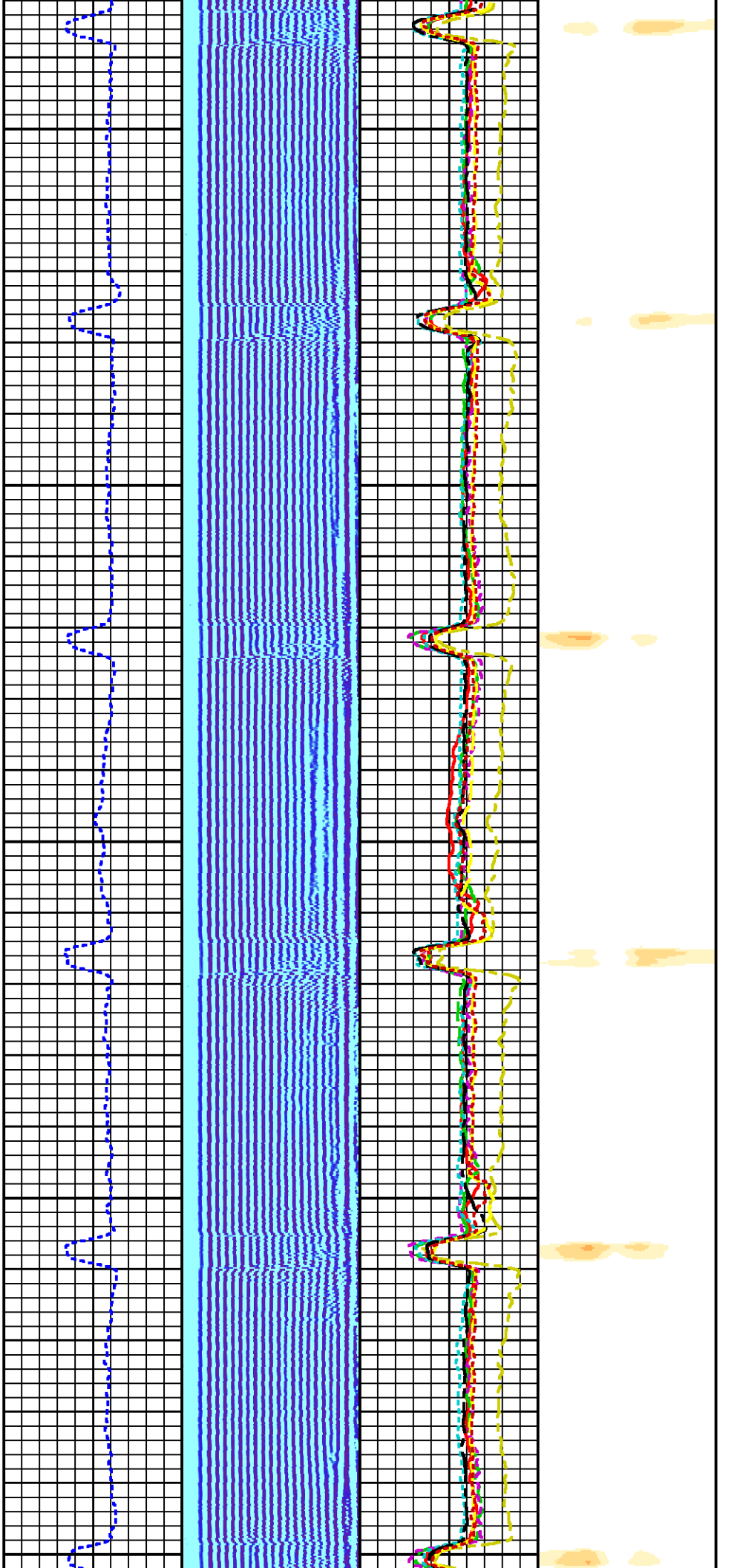


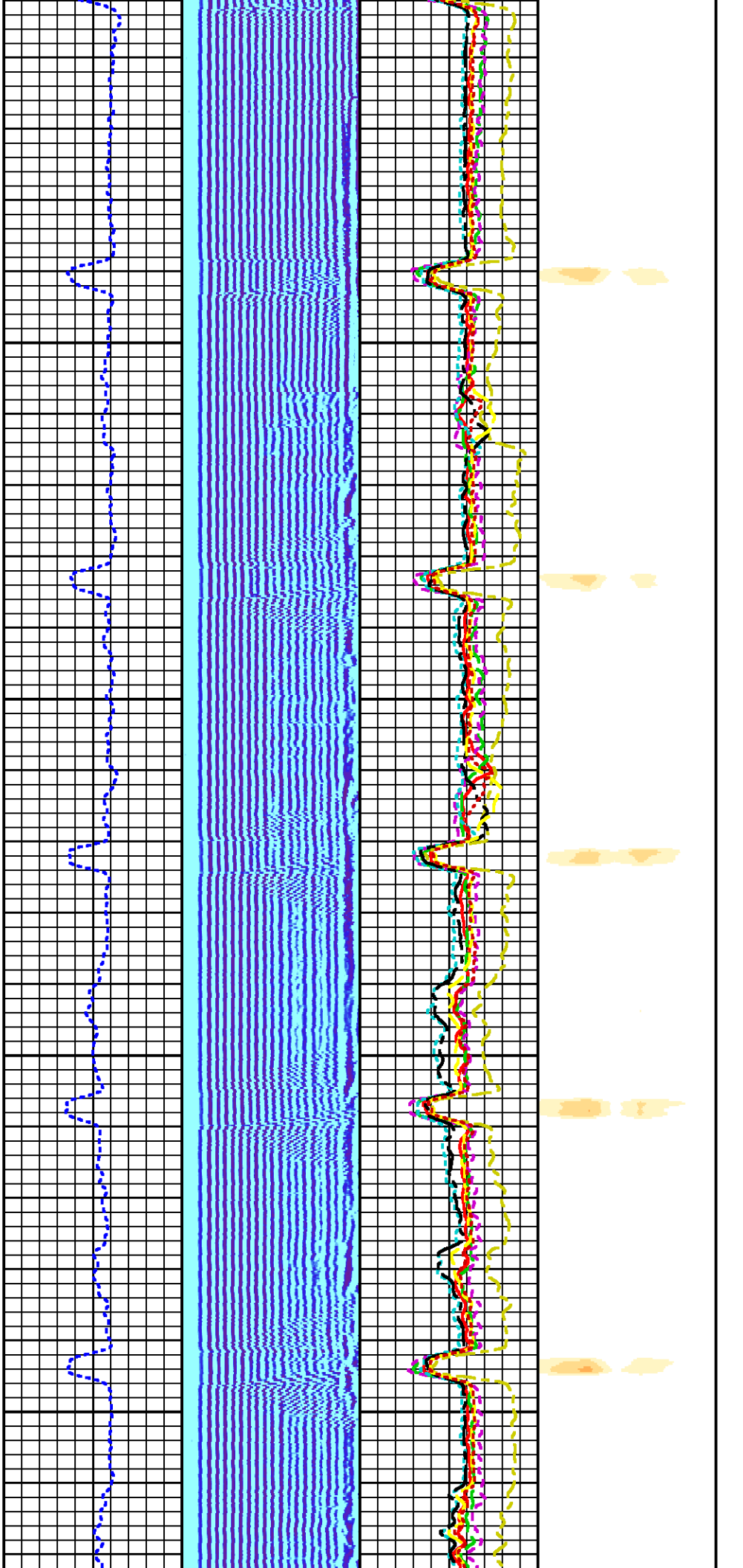
500

600



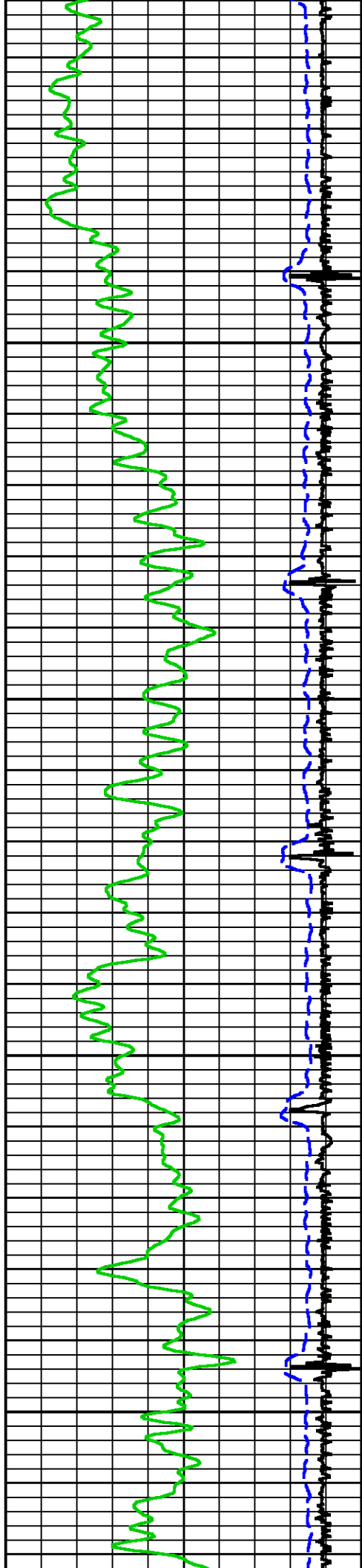




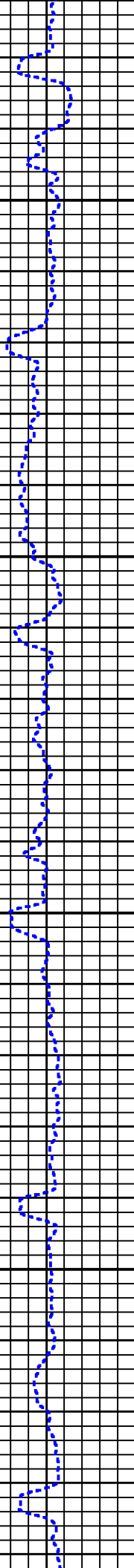
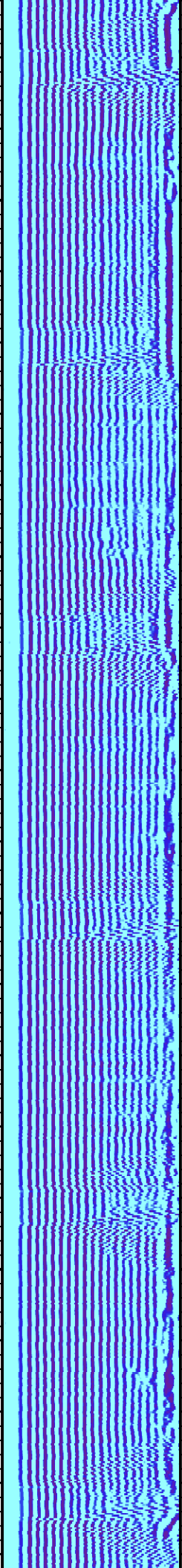
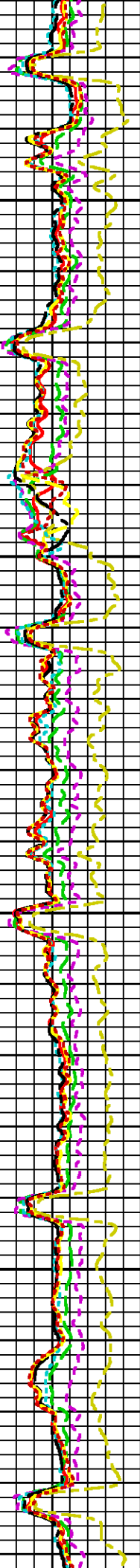


1200

1300

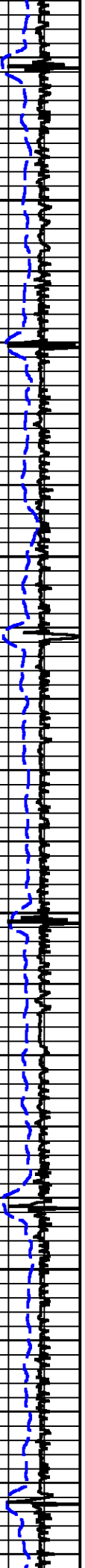


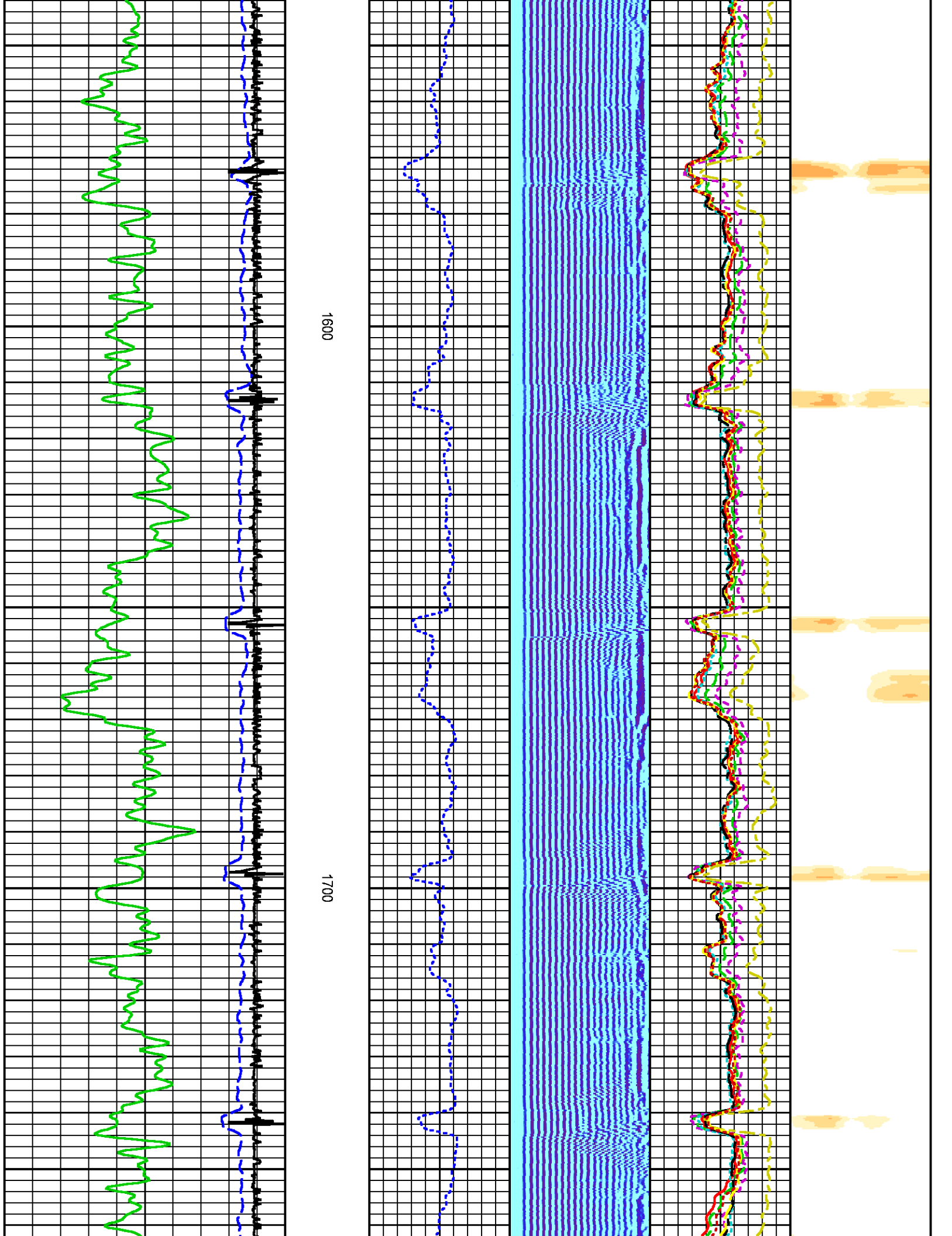


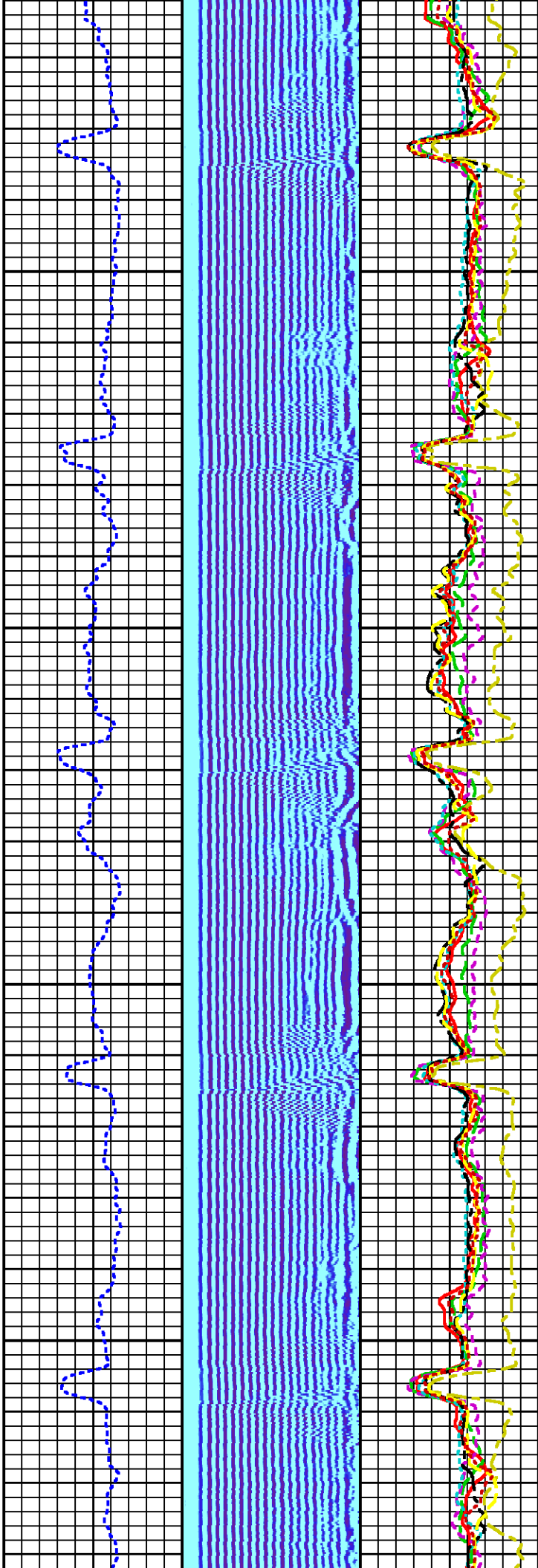
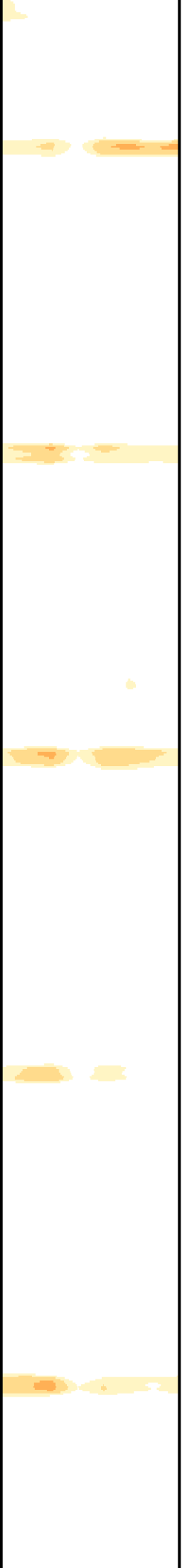


1400

1500

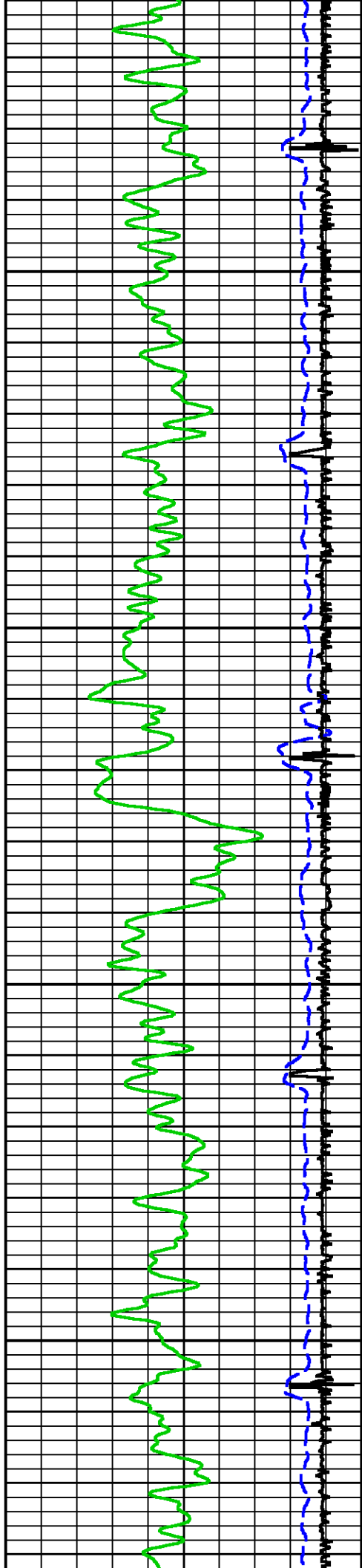


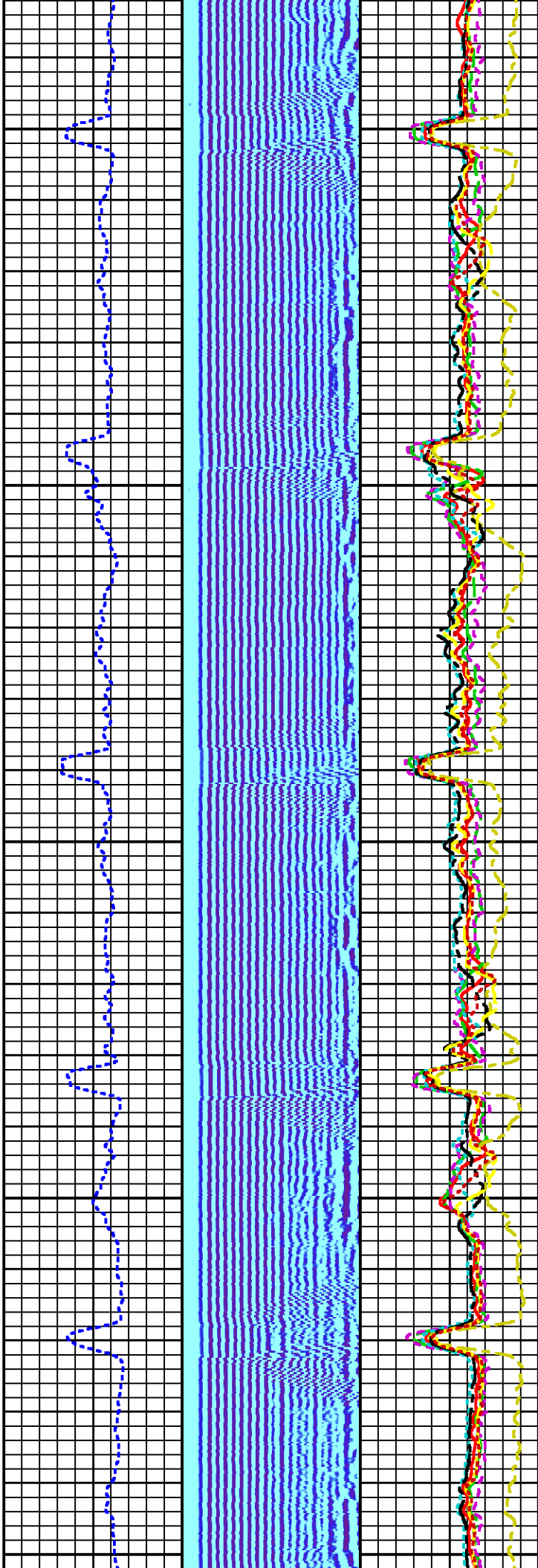
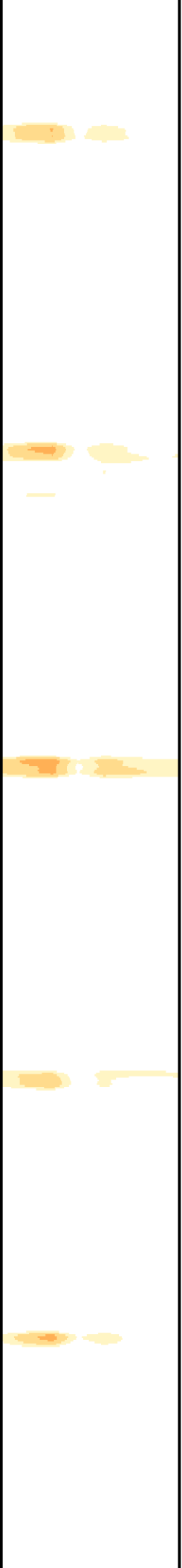




1800

1900

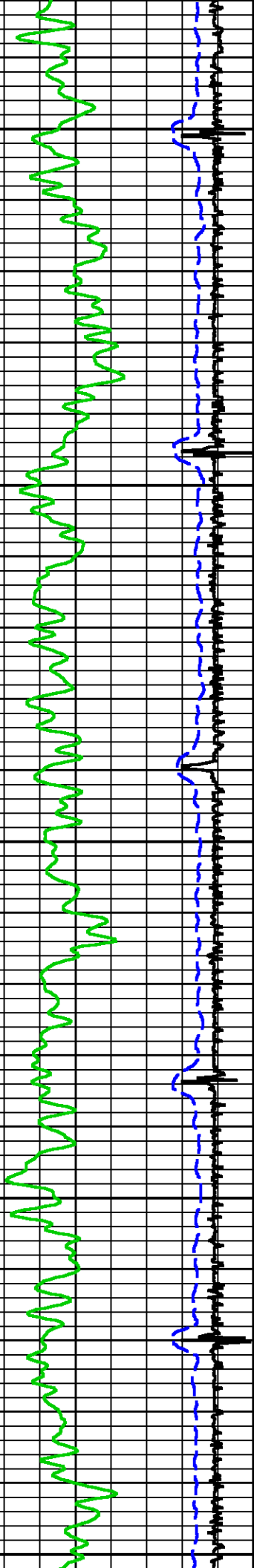




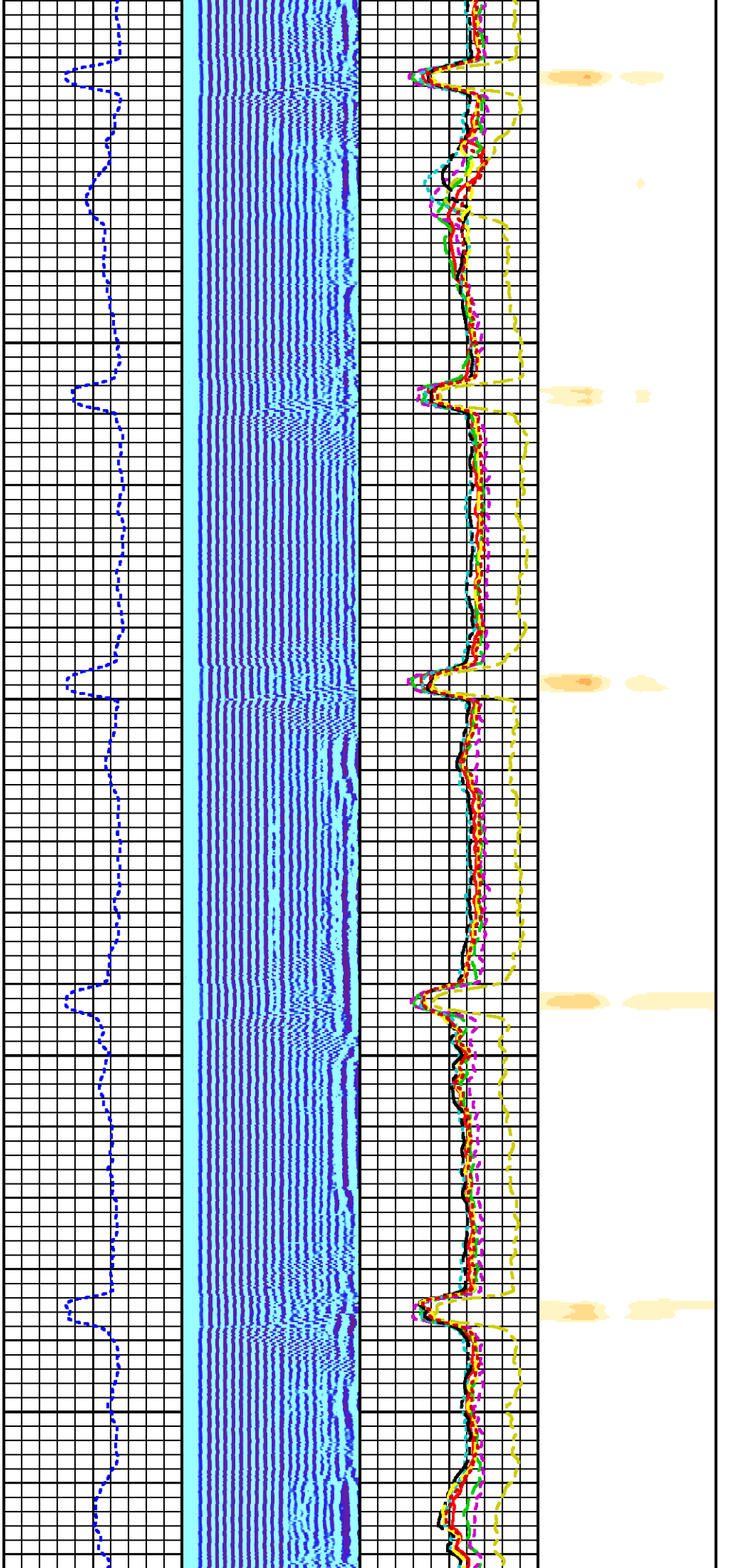
2000

2100

2200

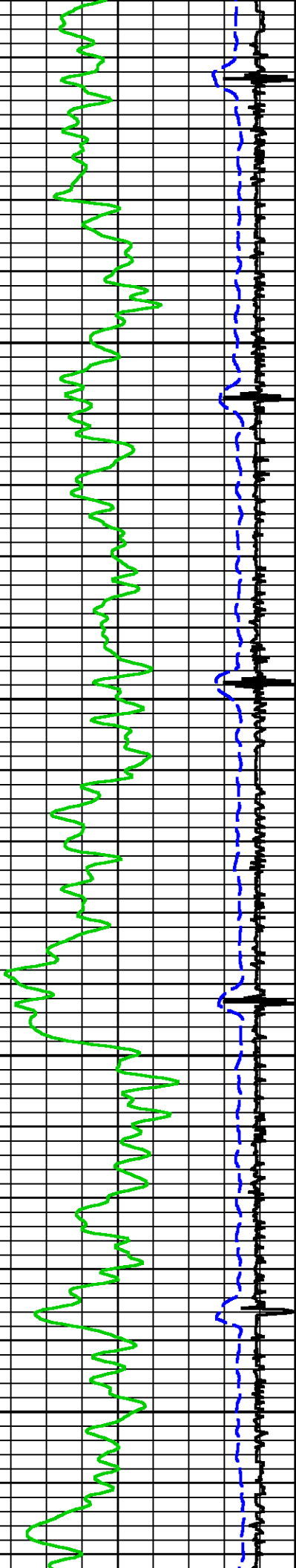


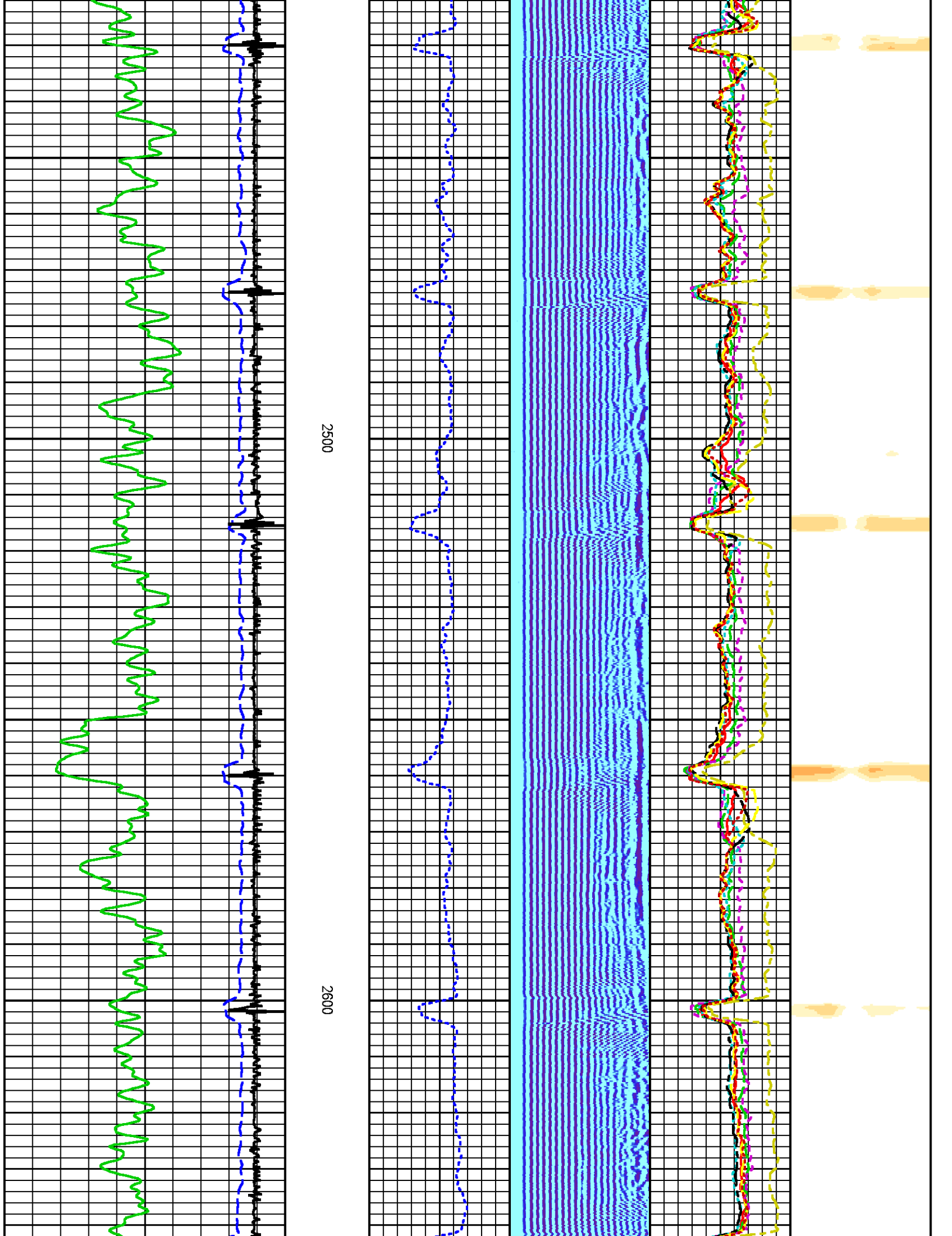


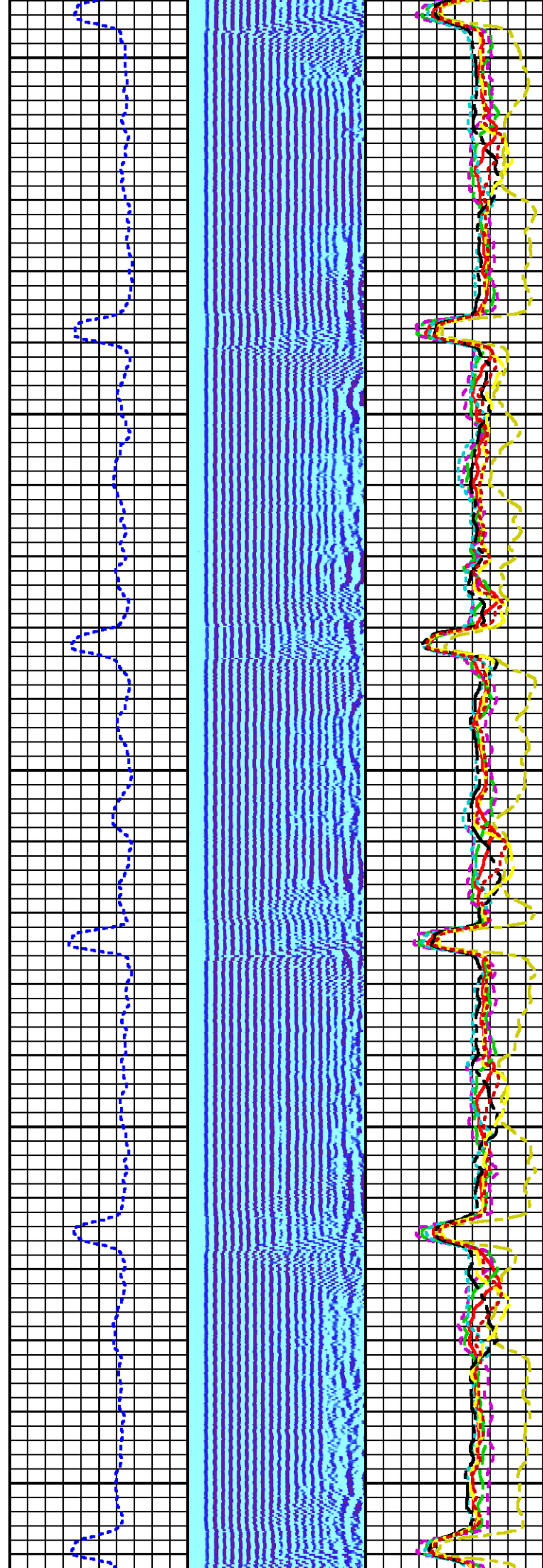
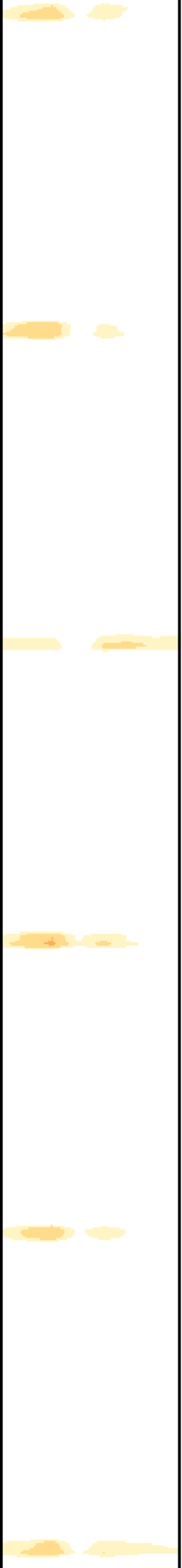


2300

2400

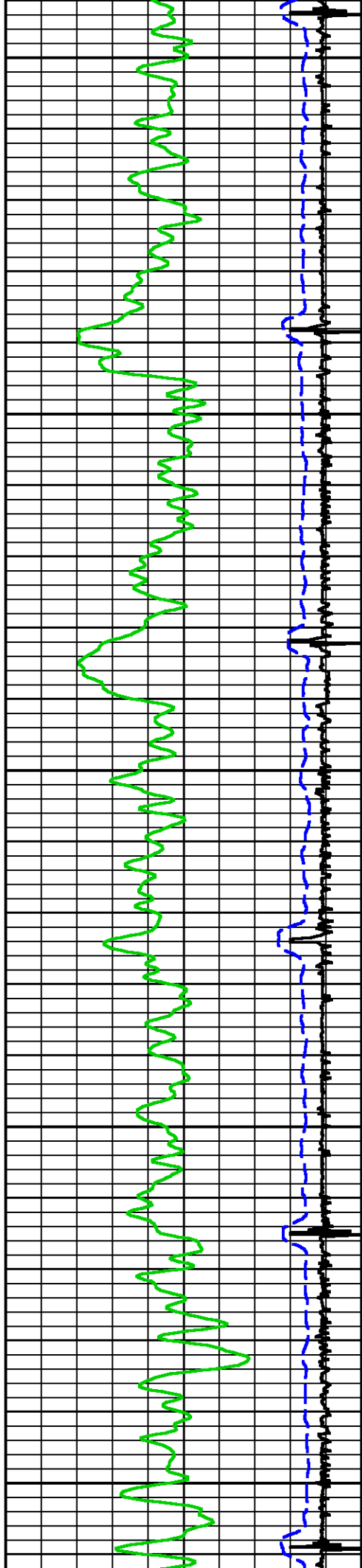


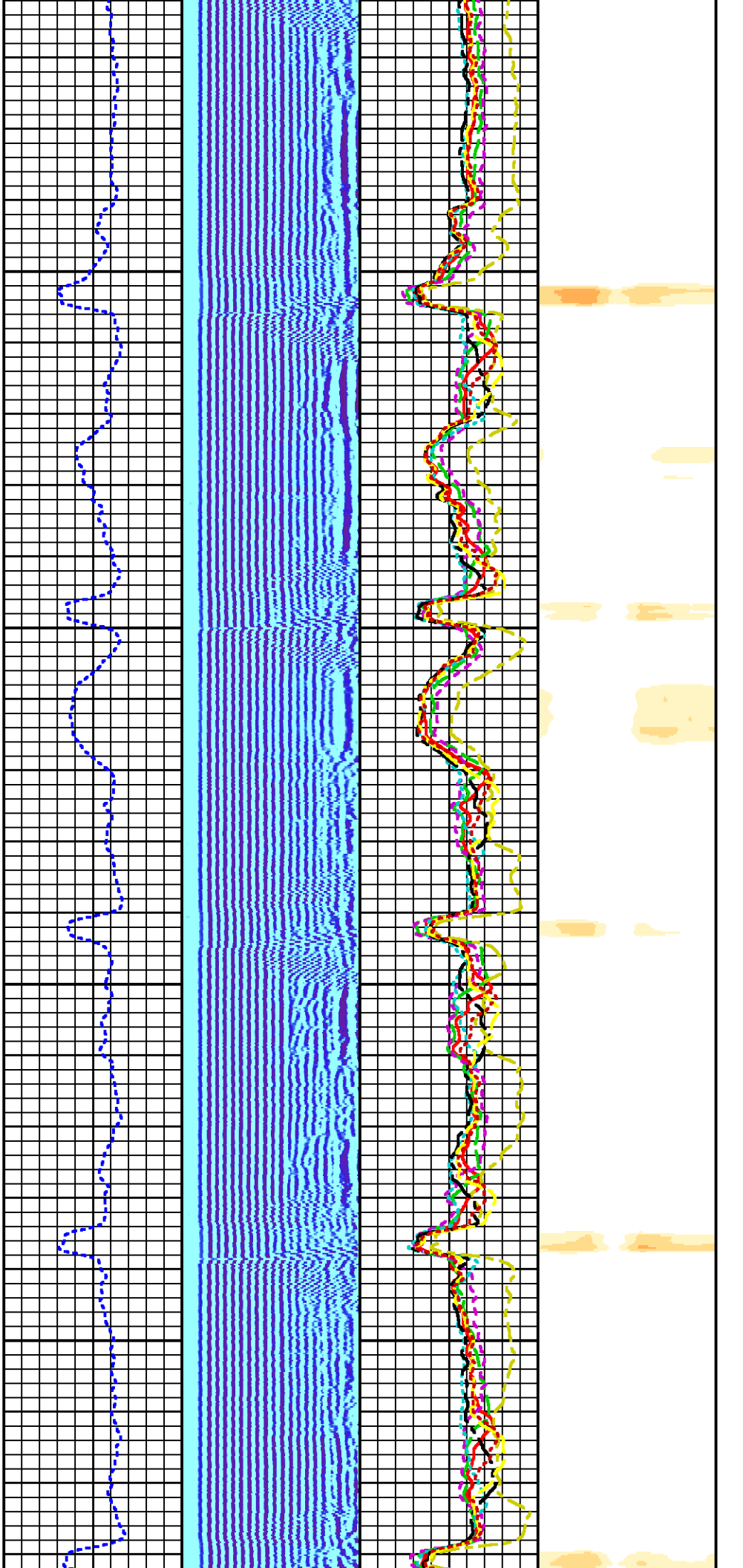




2700

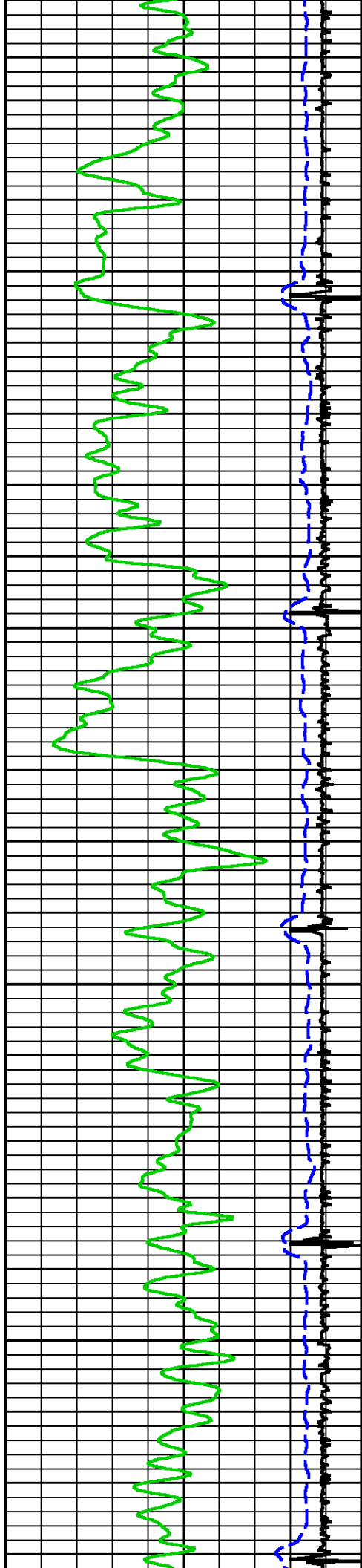
2800



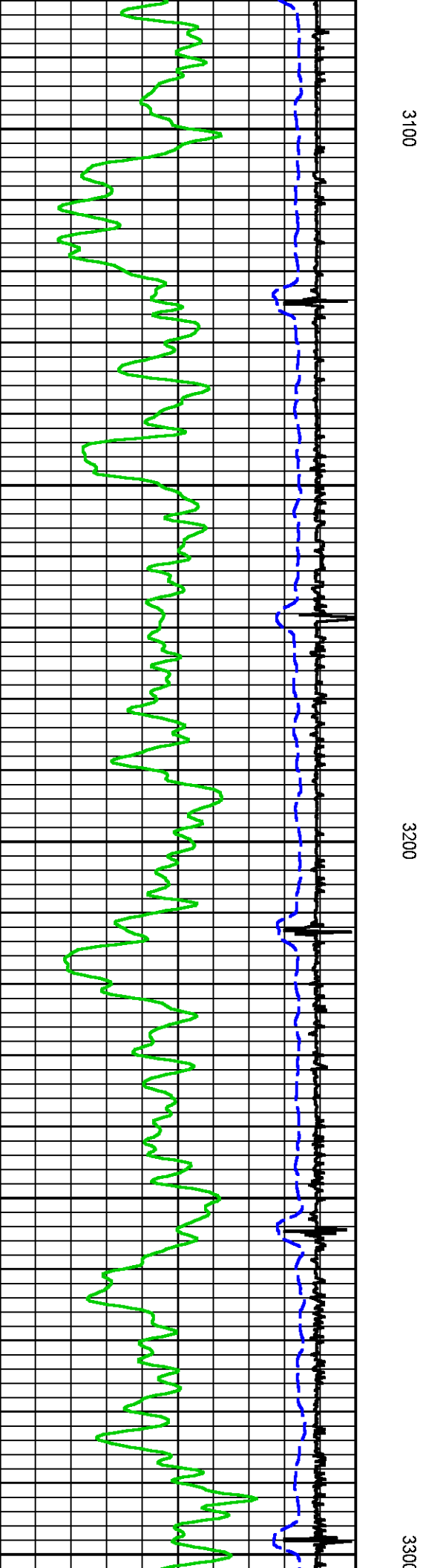
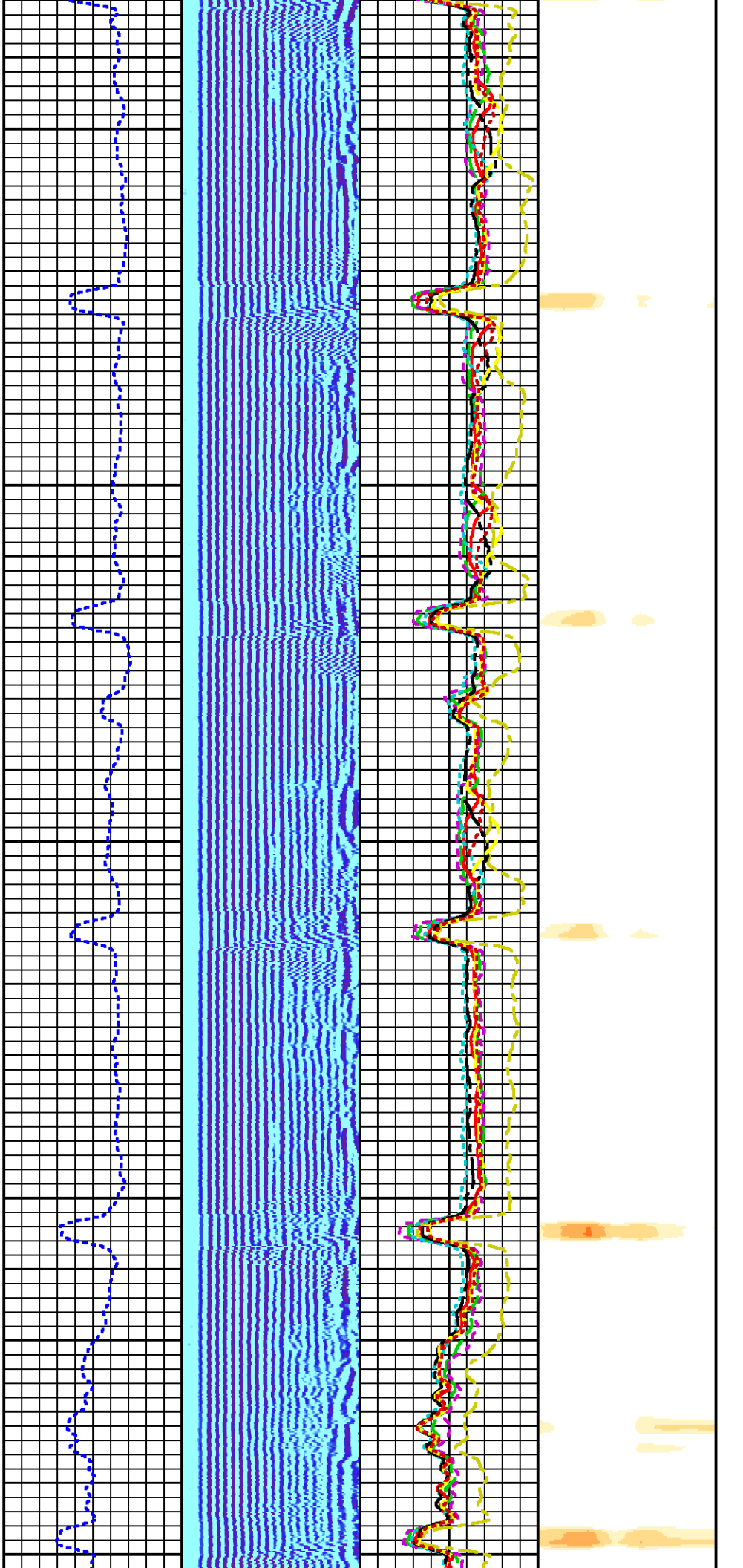


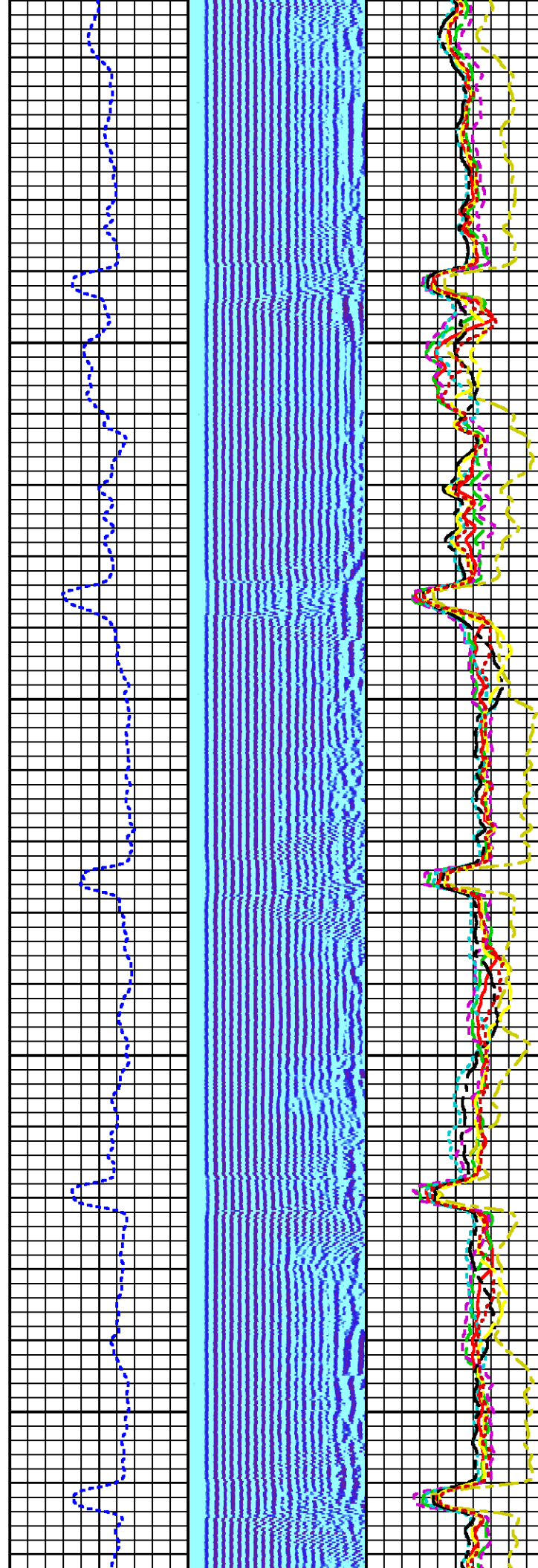
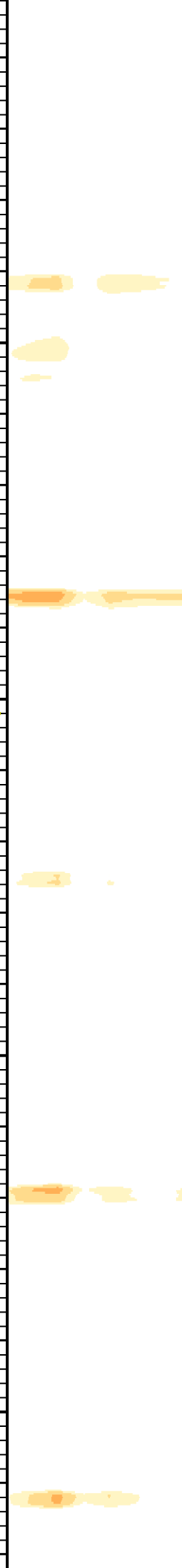
2900

3000



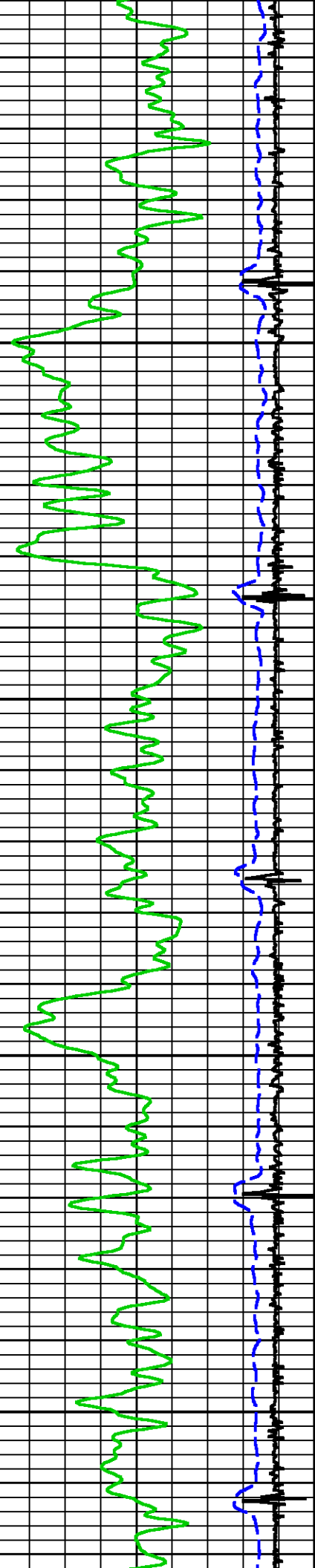


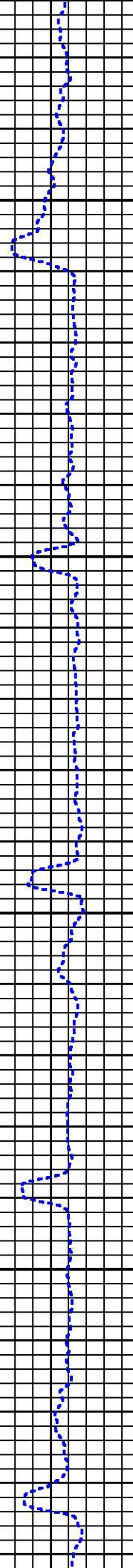
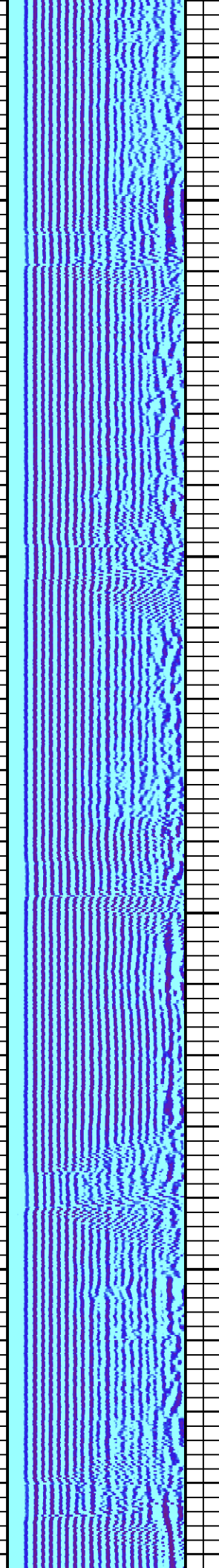
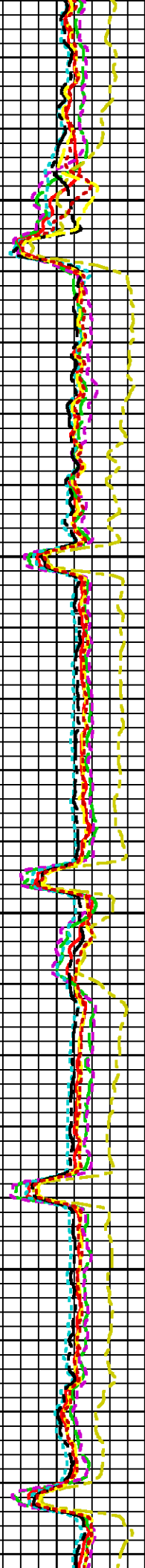
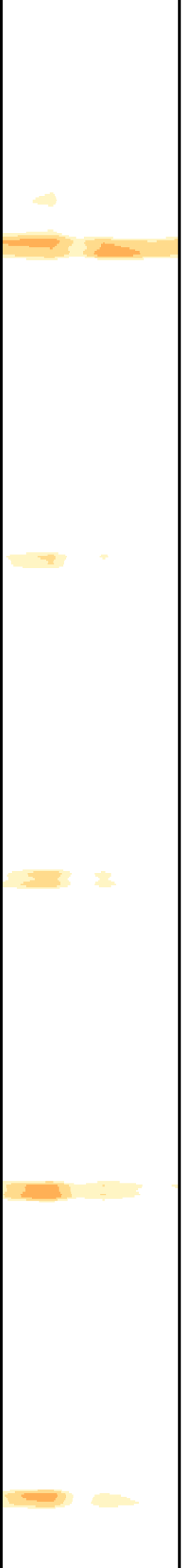




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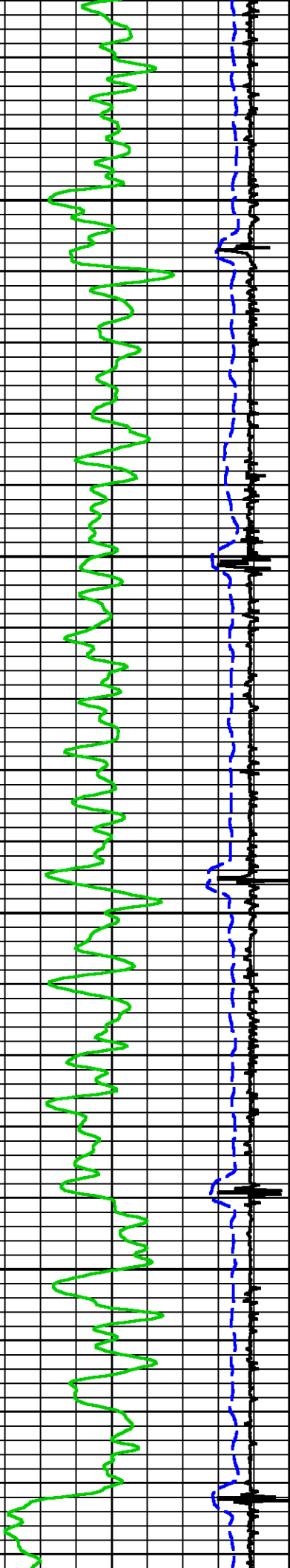
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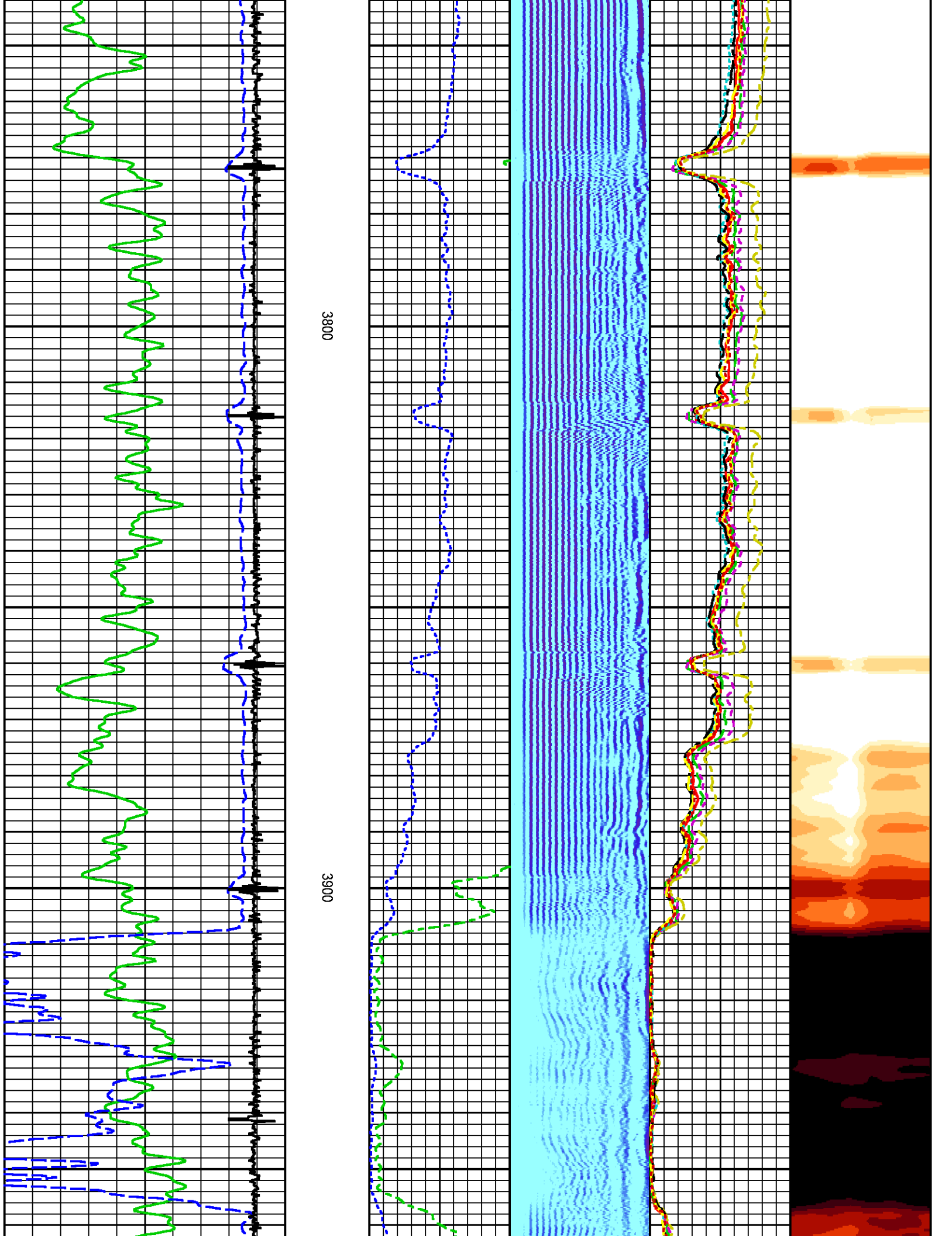




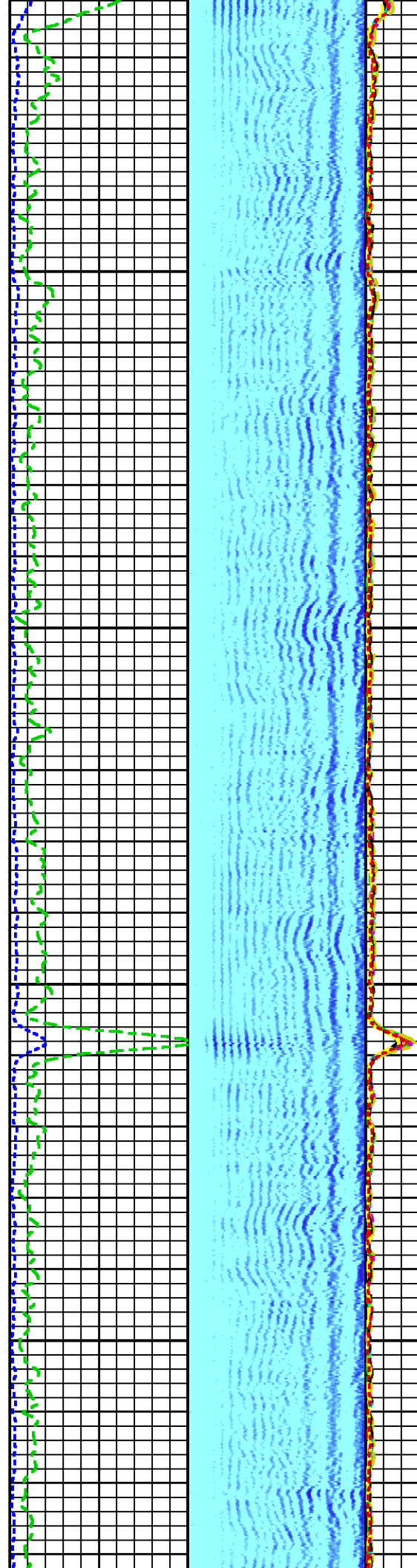
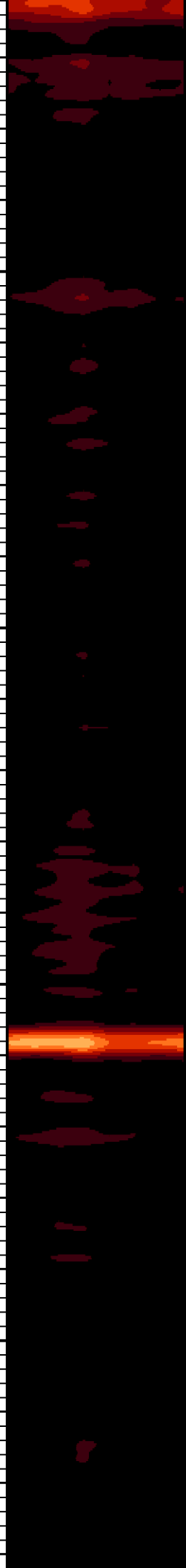
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3700



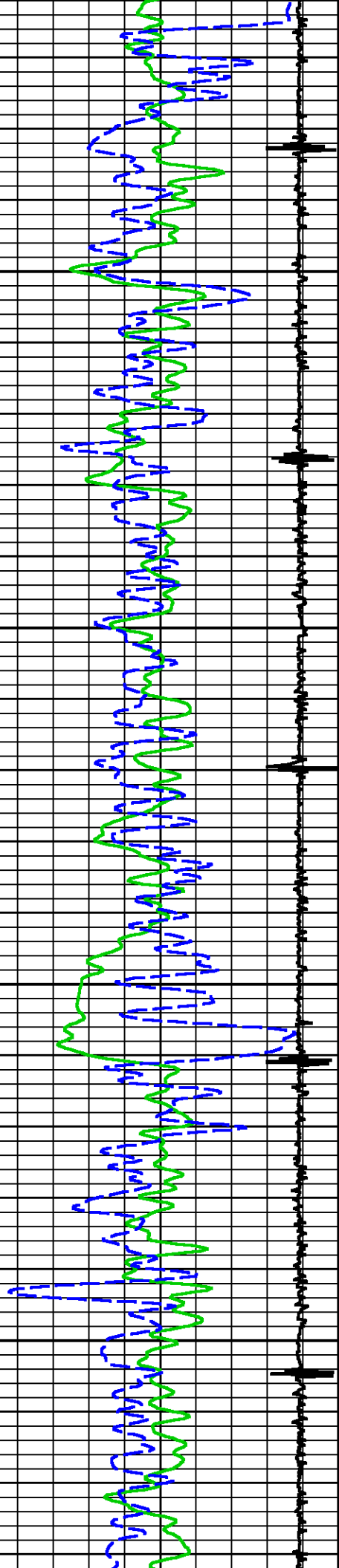


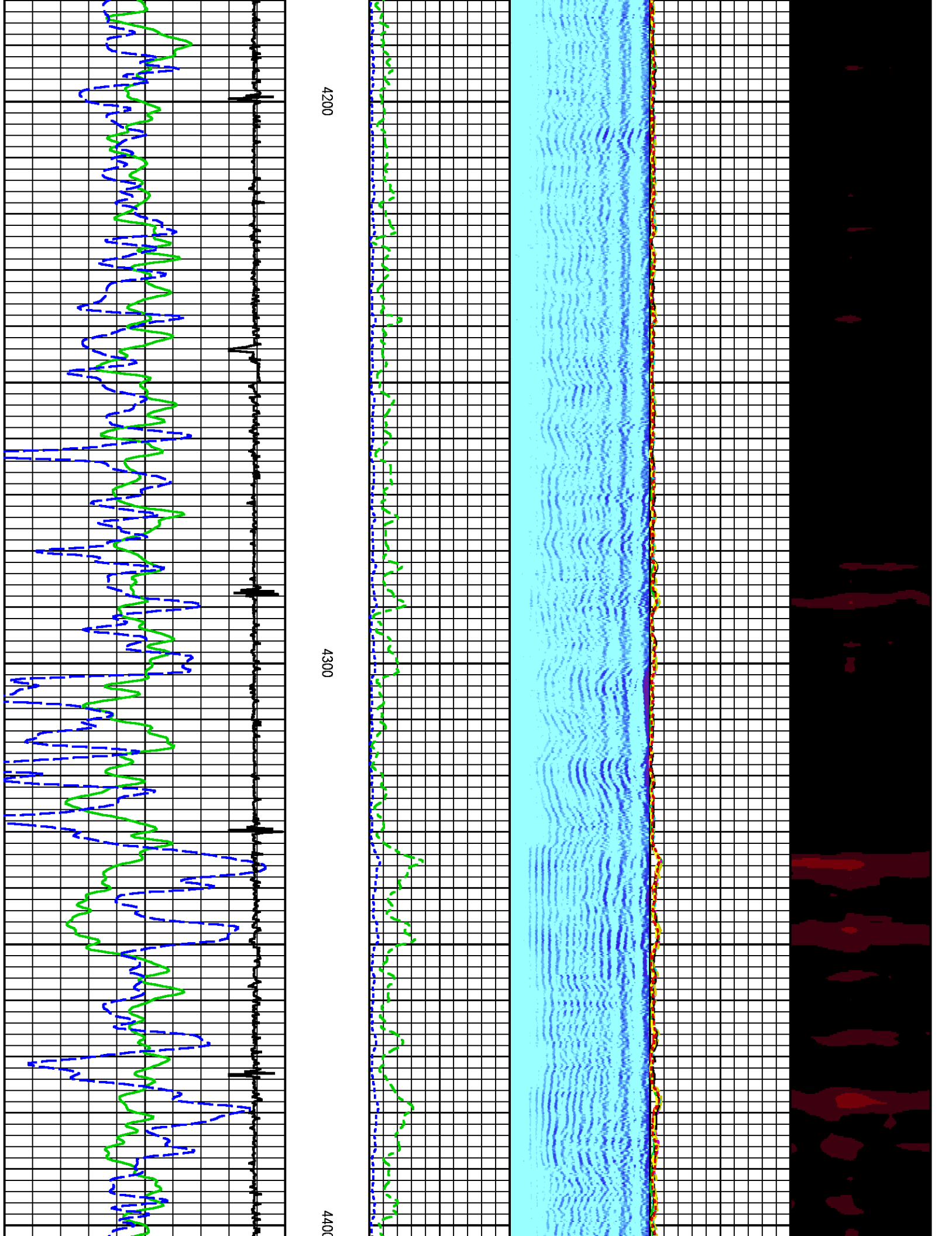


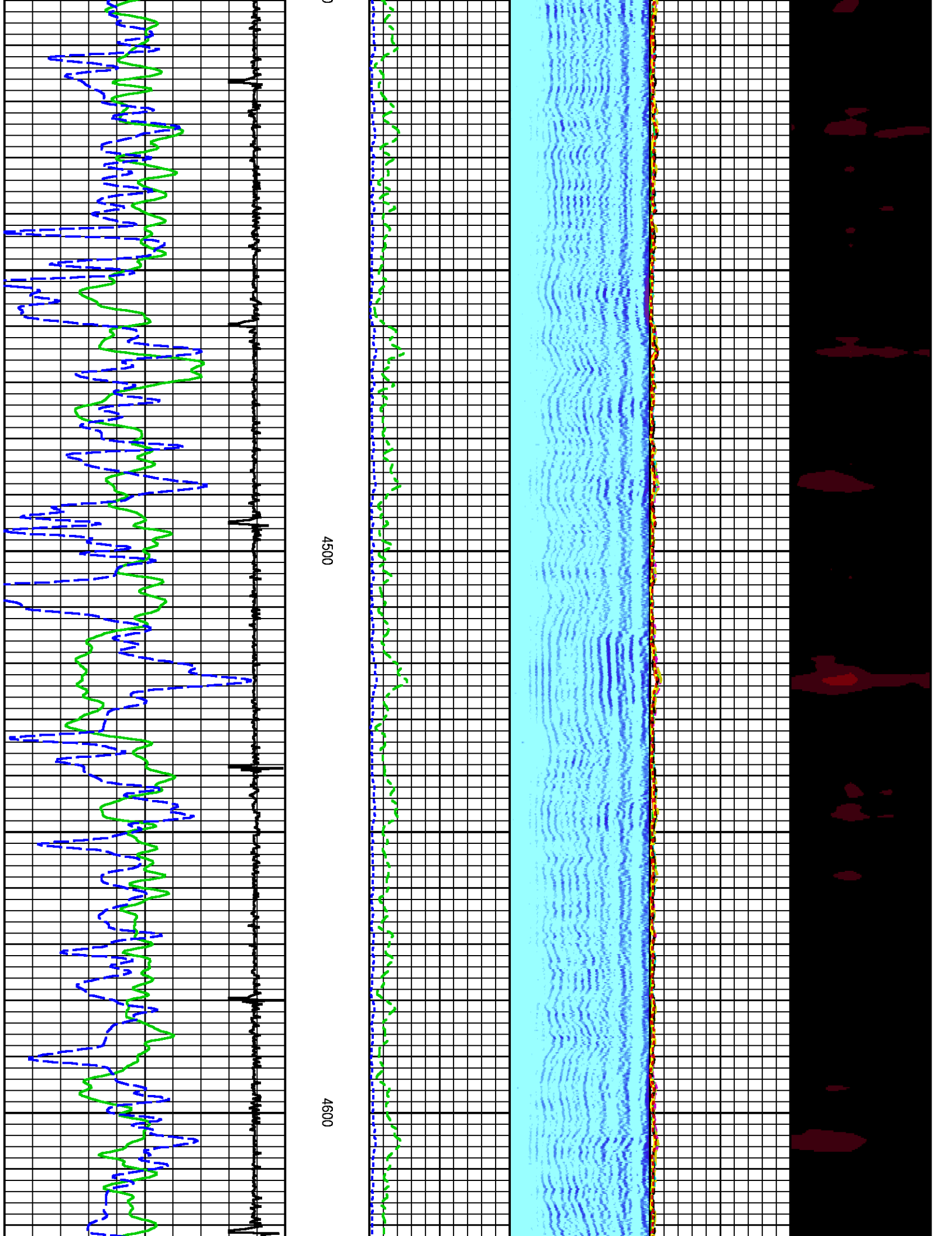


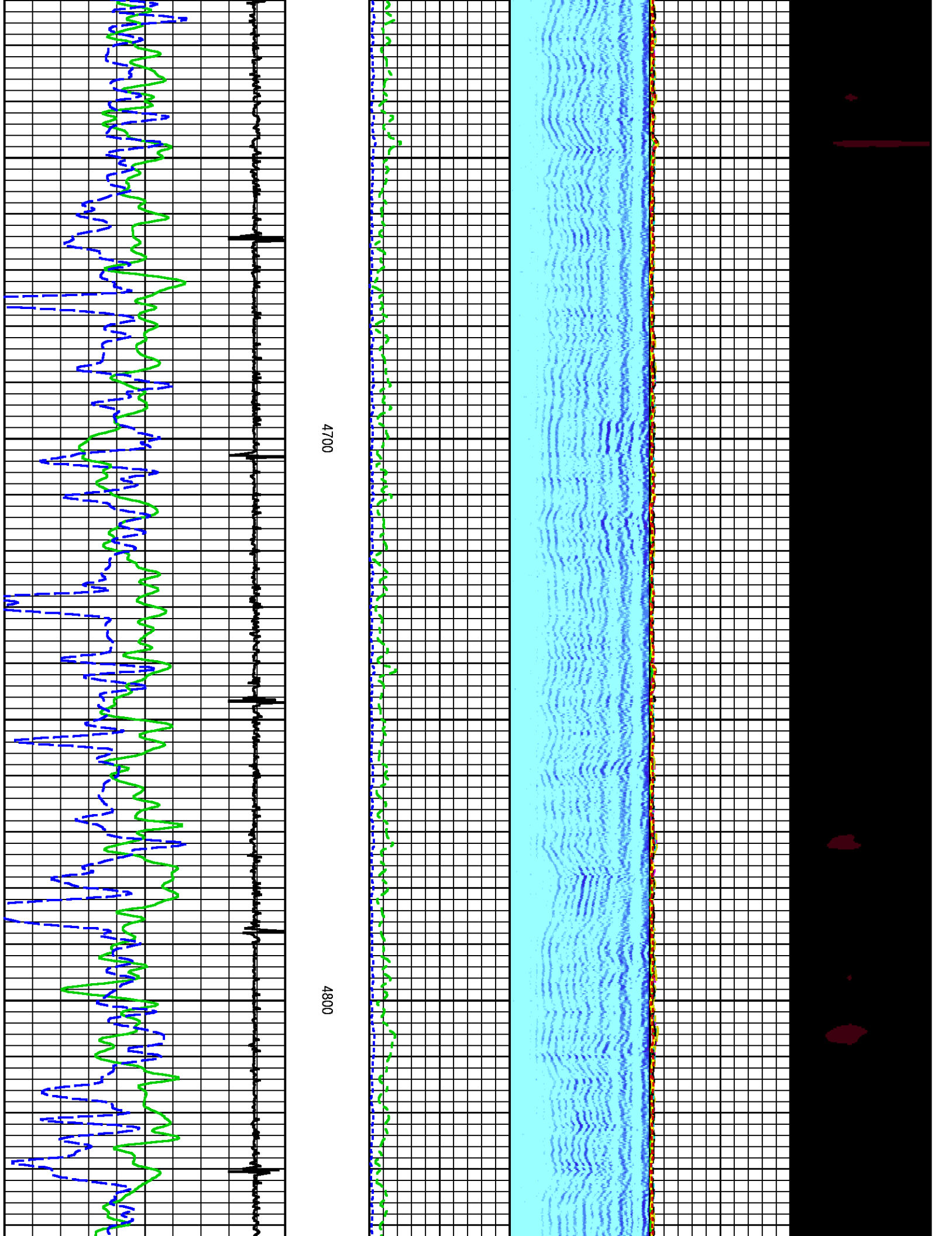
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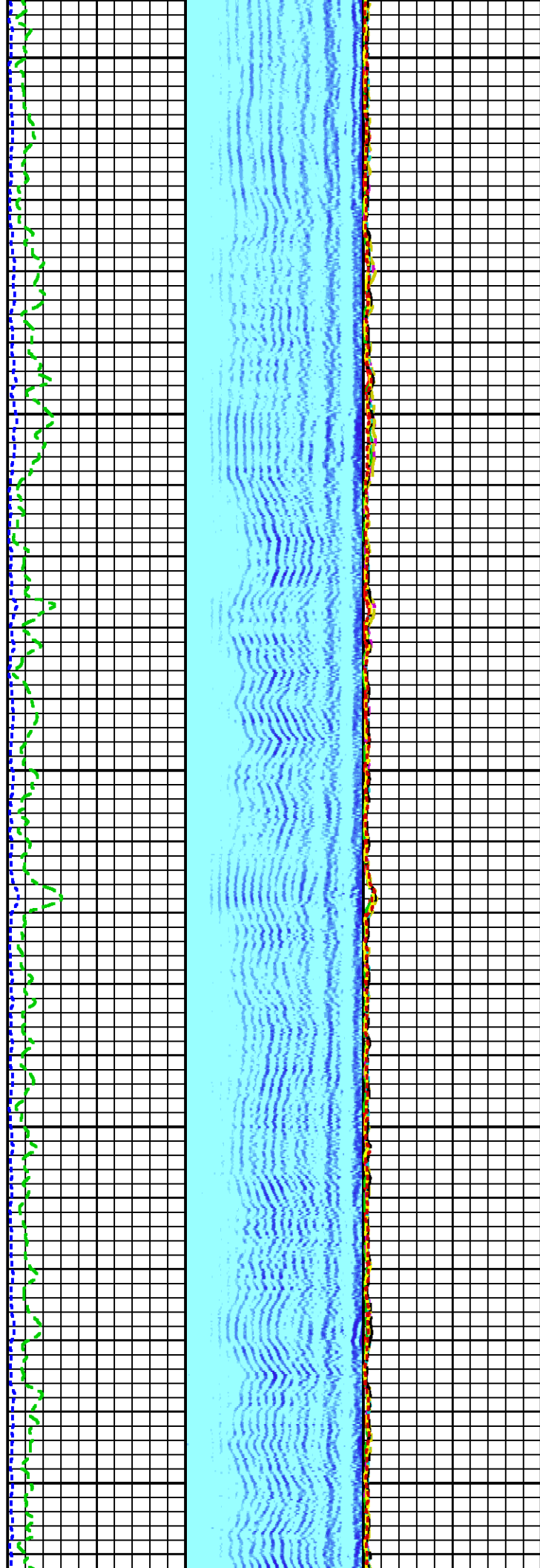






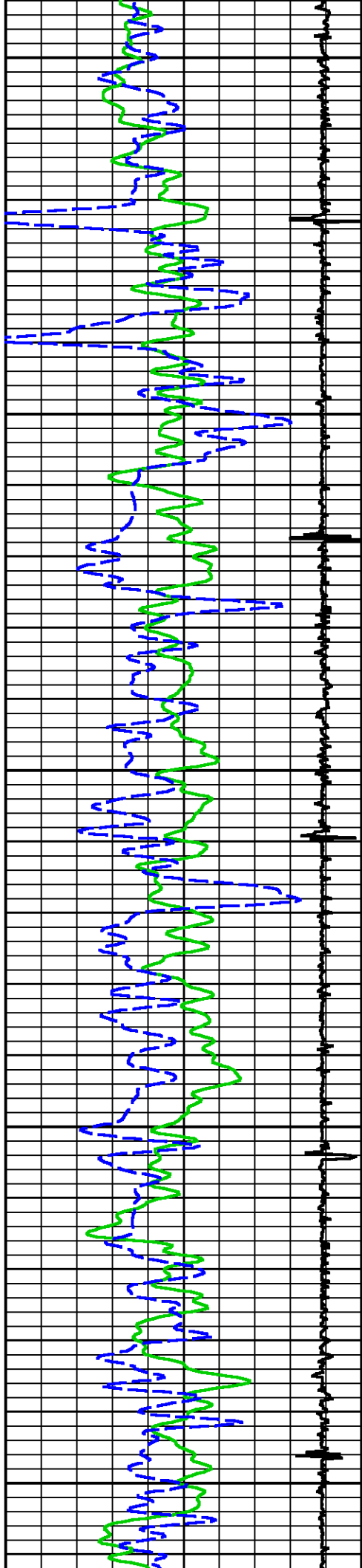


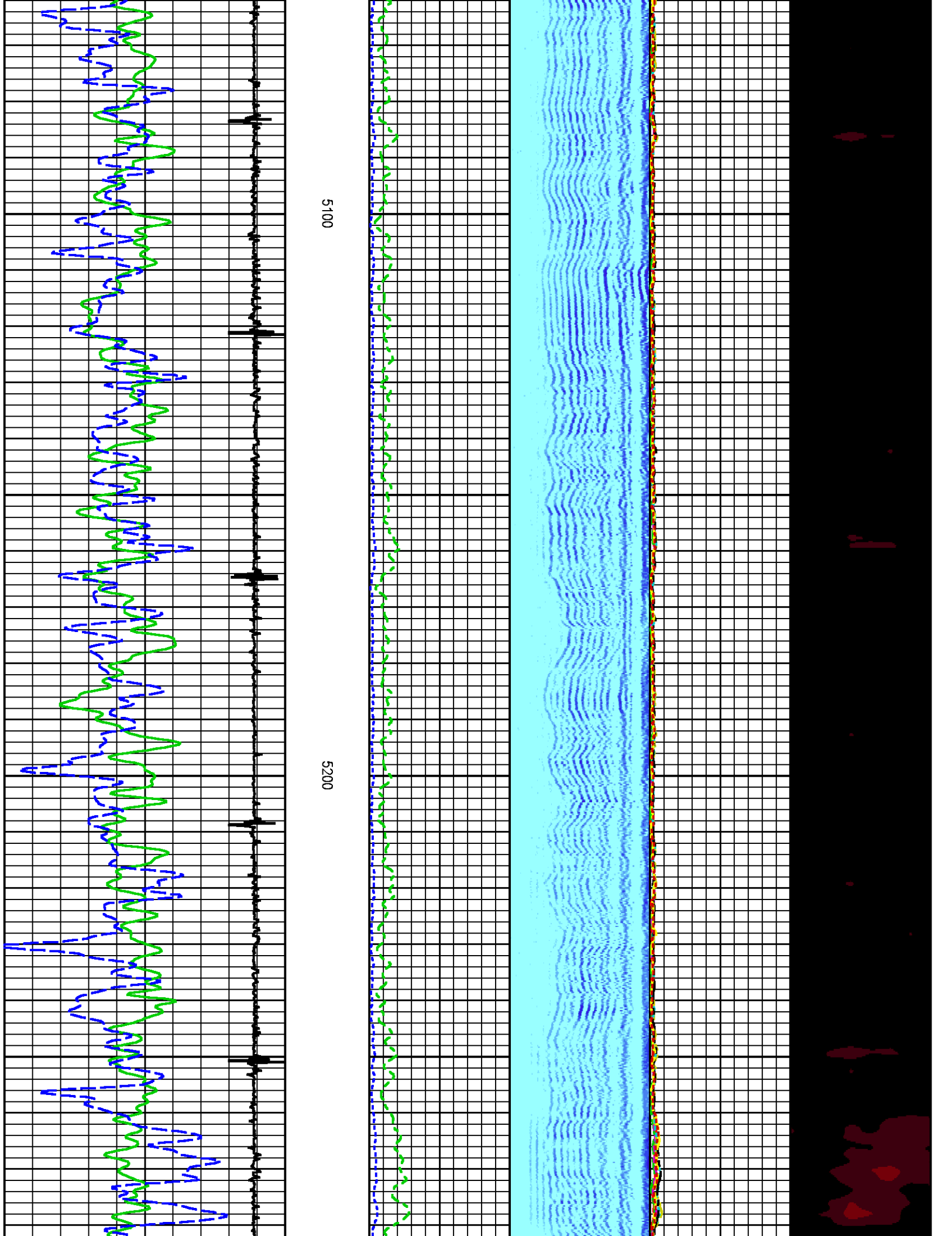


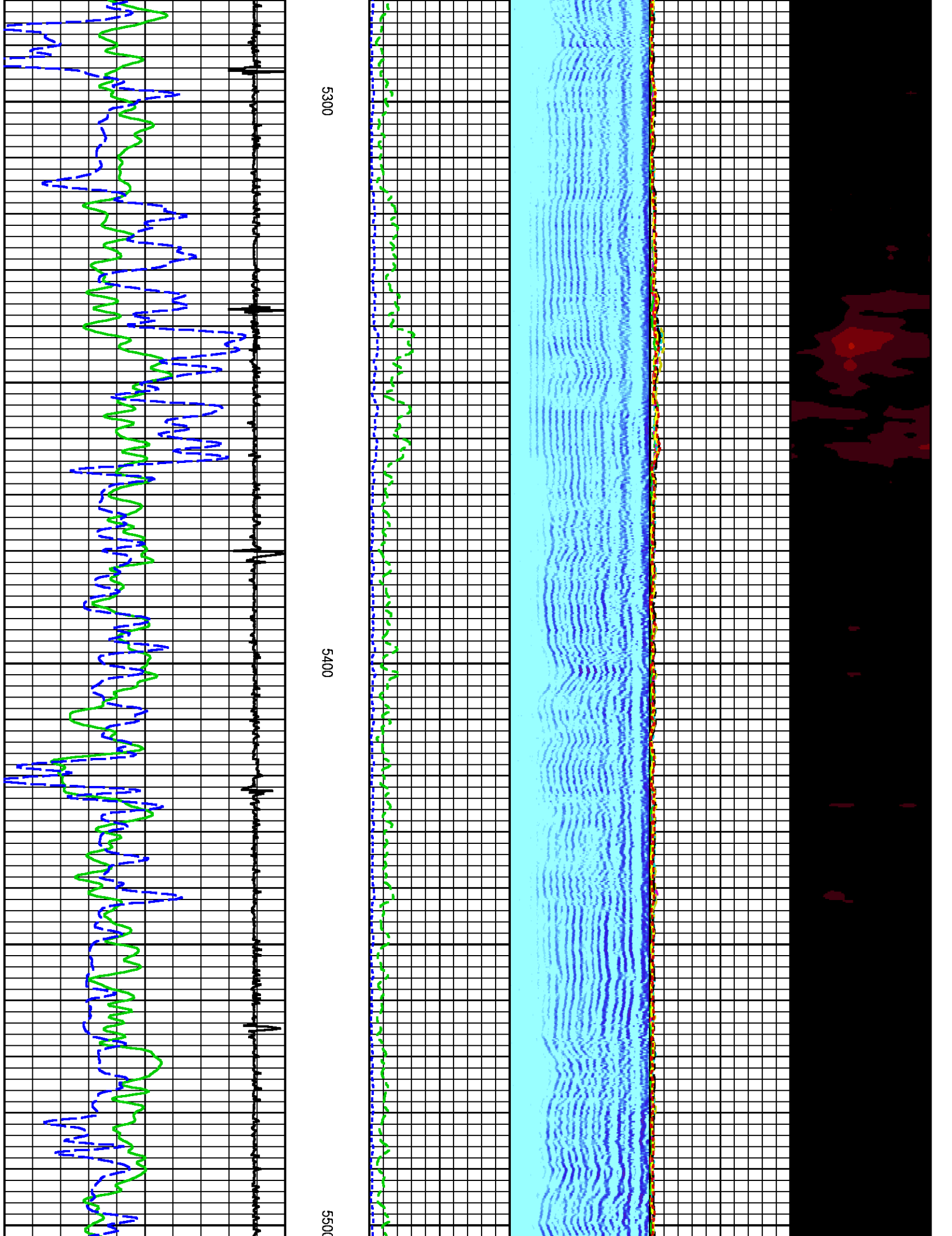


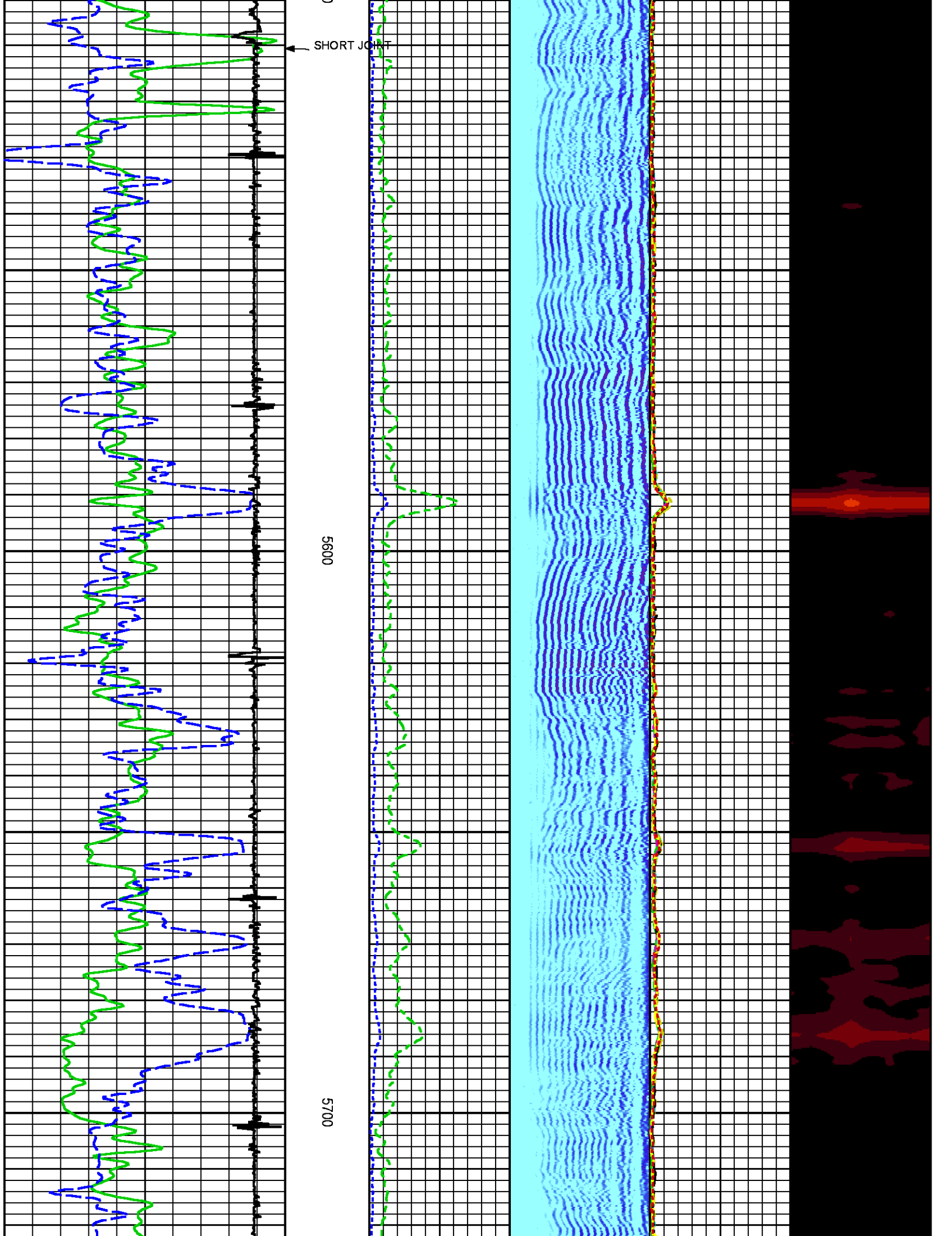
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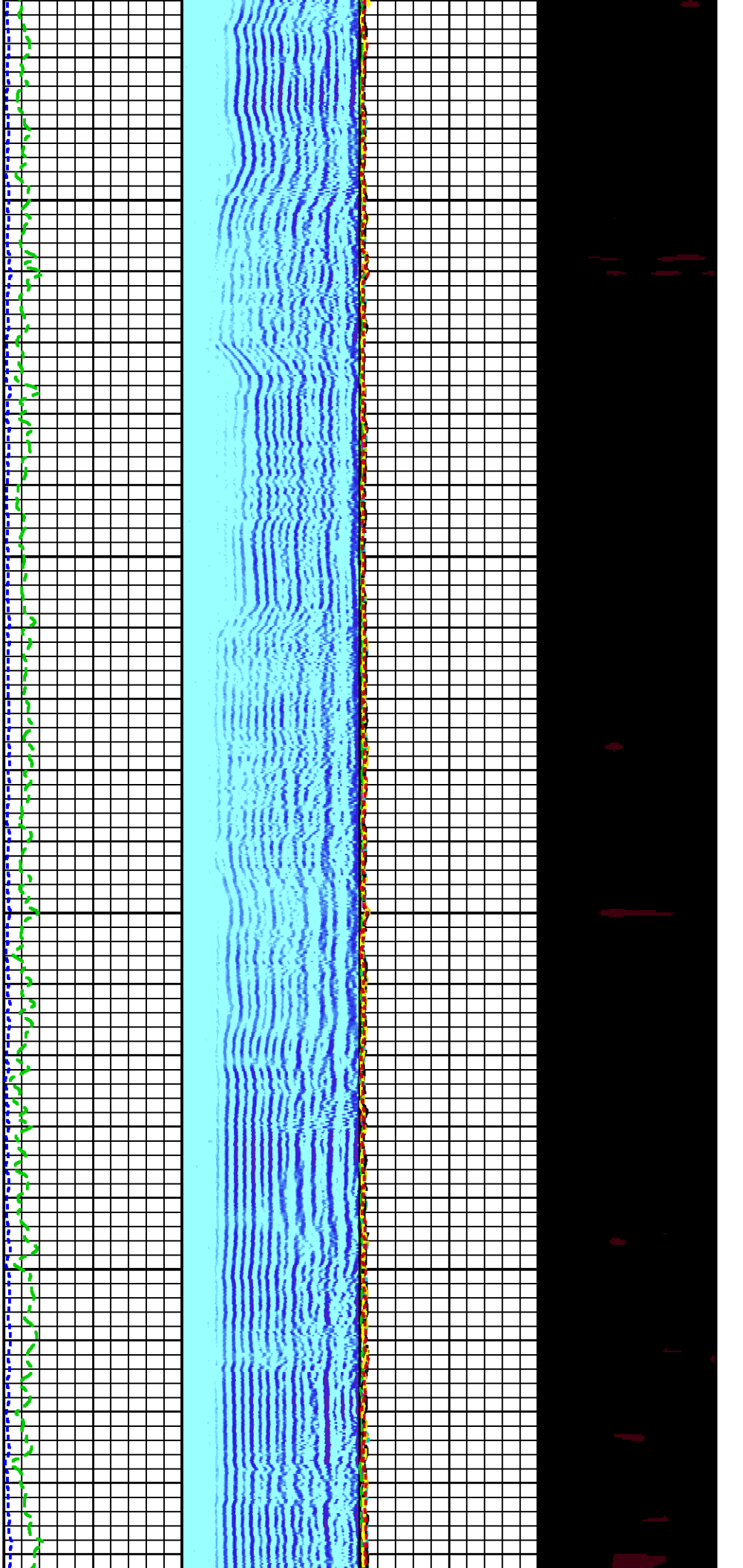






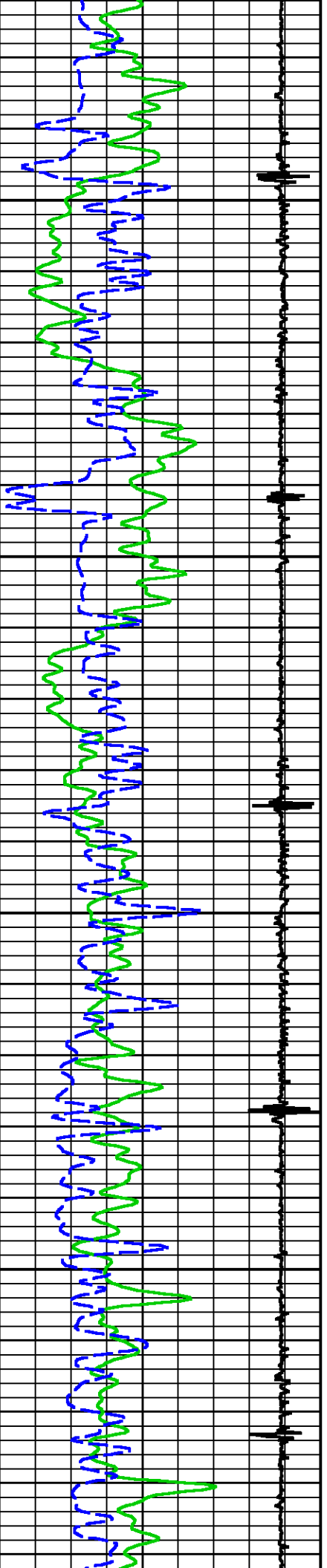


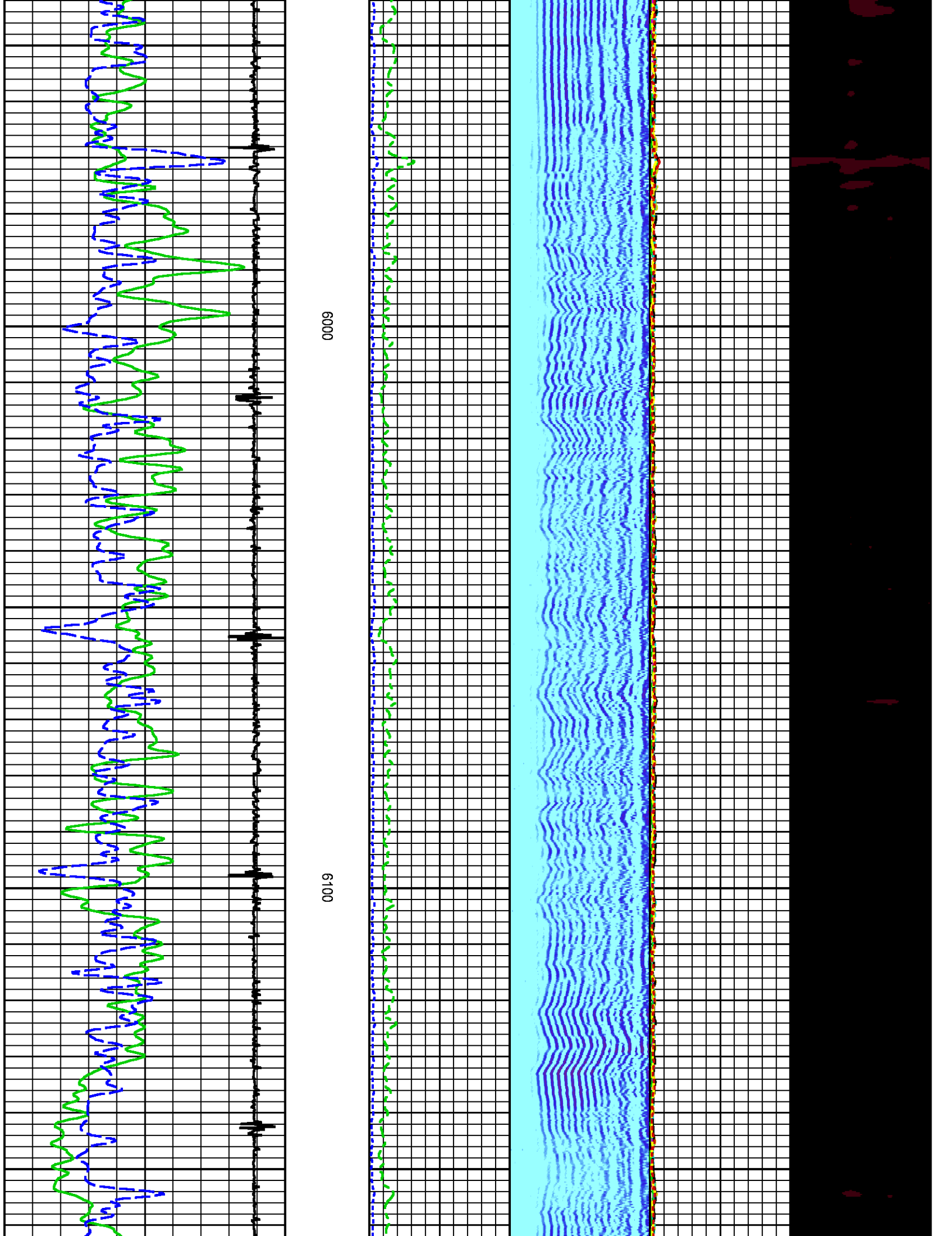


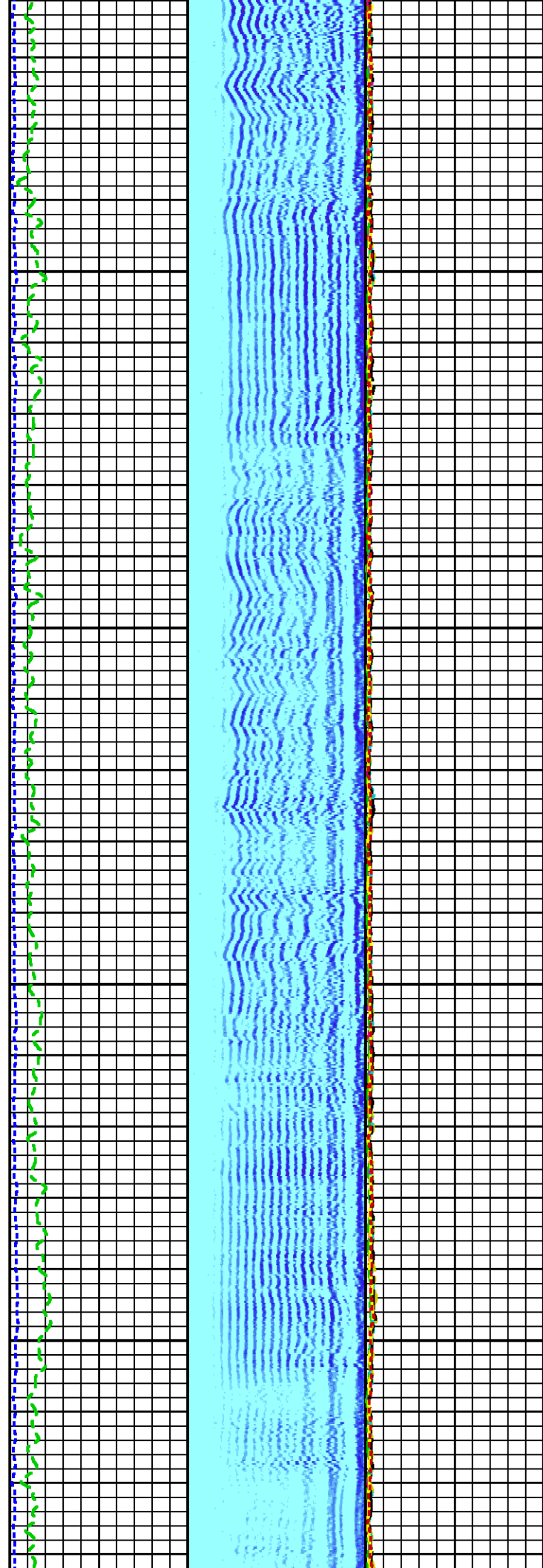


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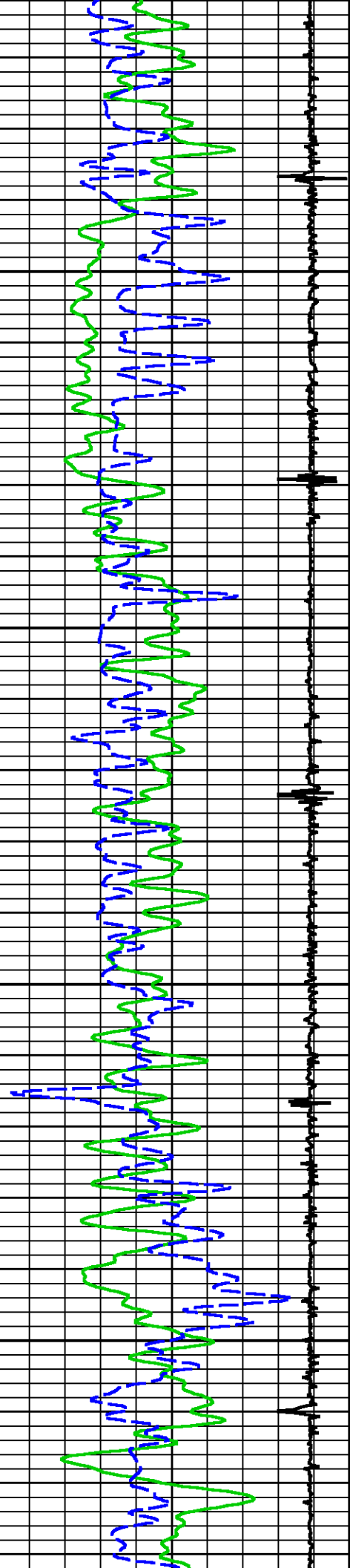


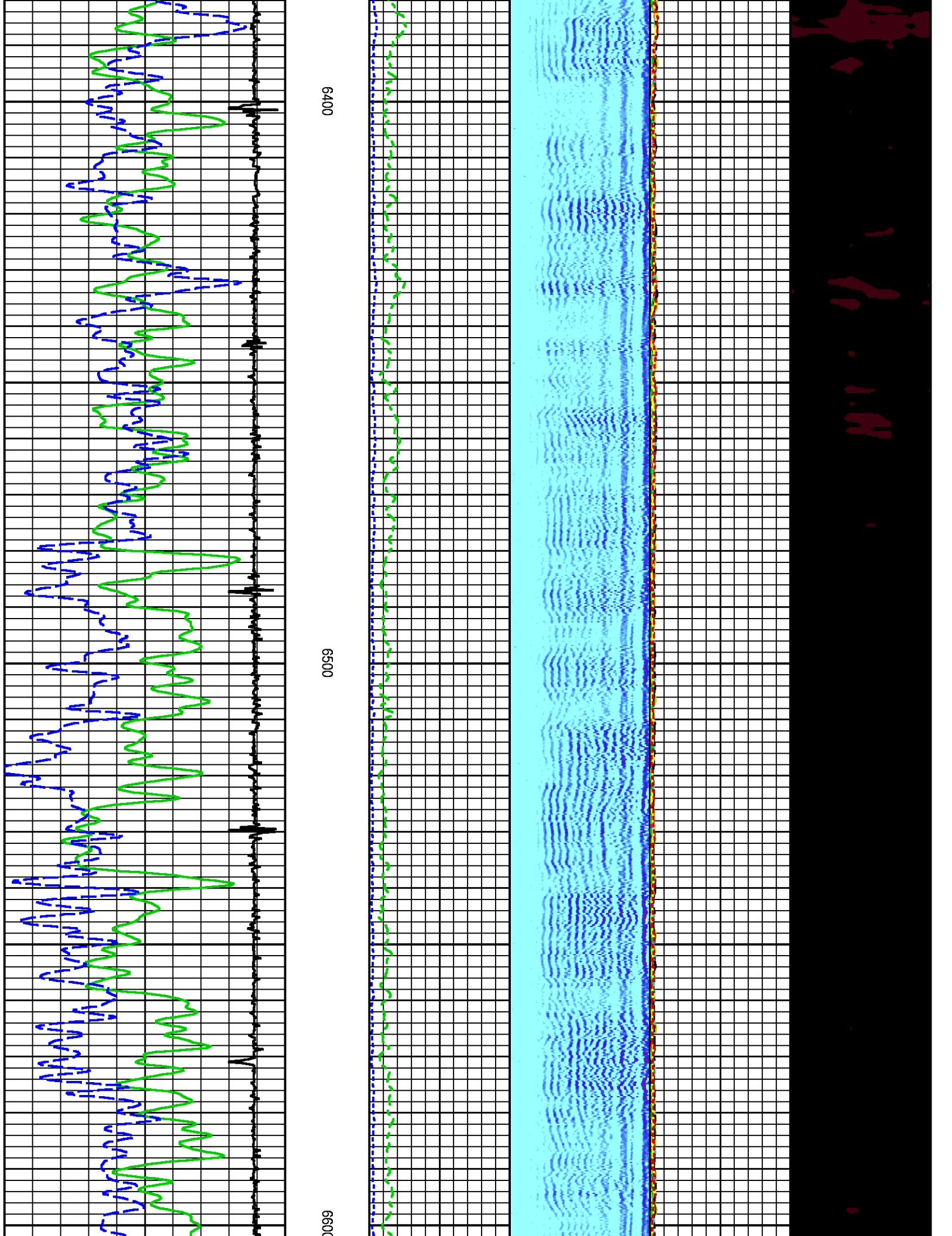




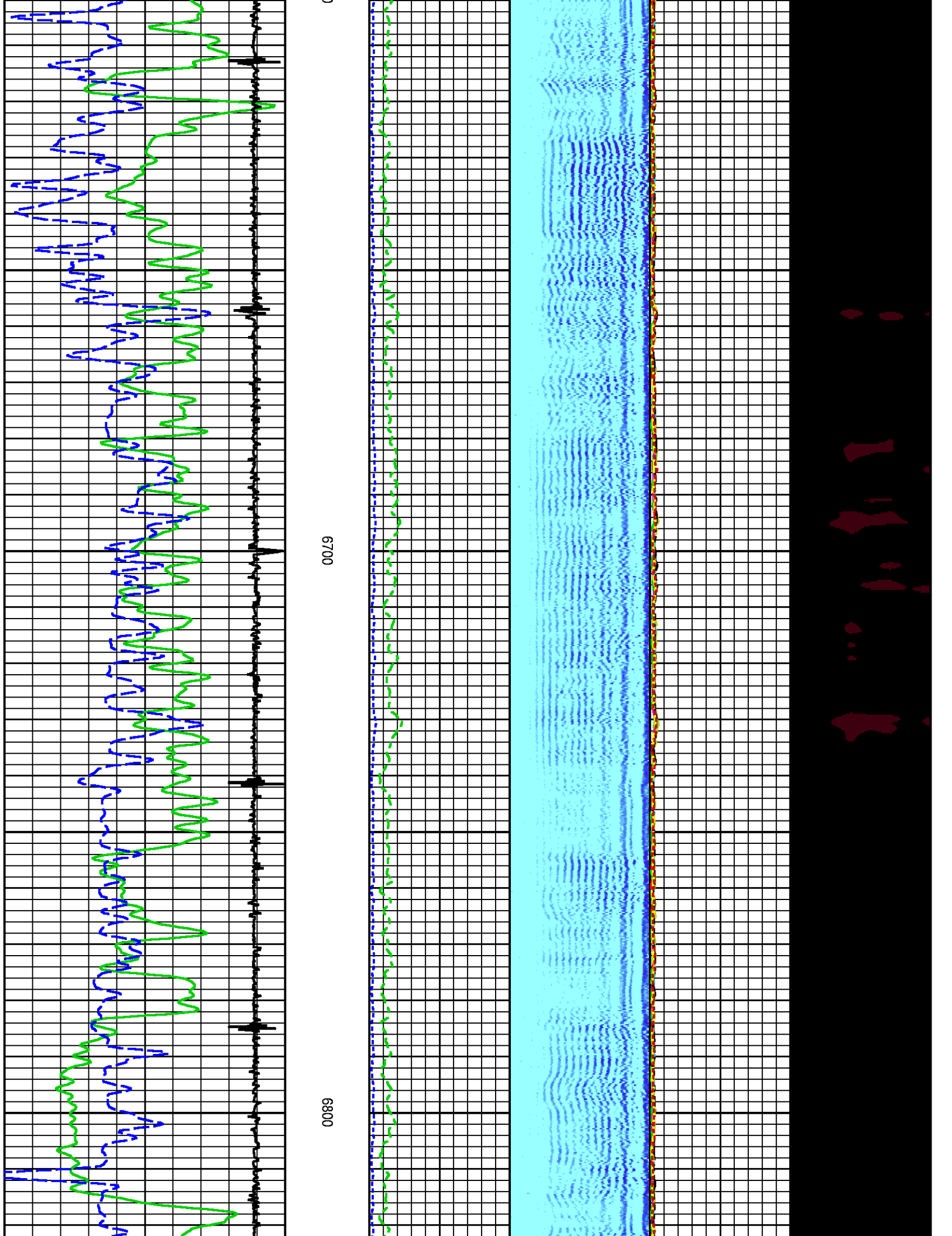
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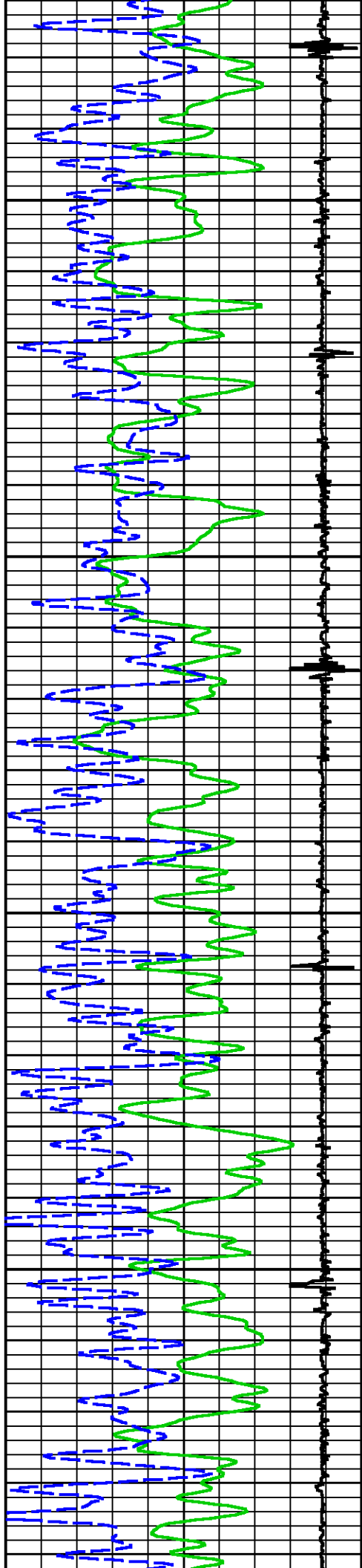
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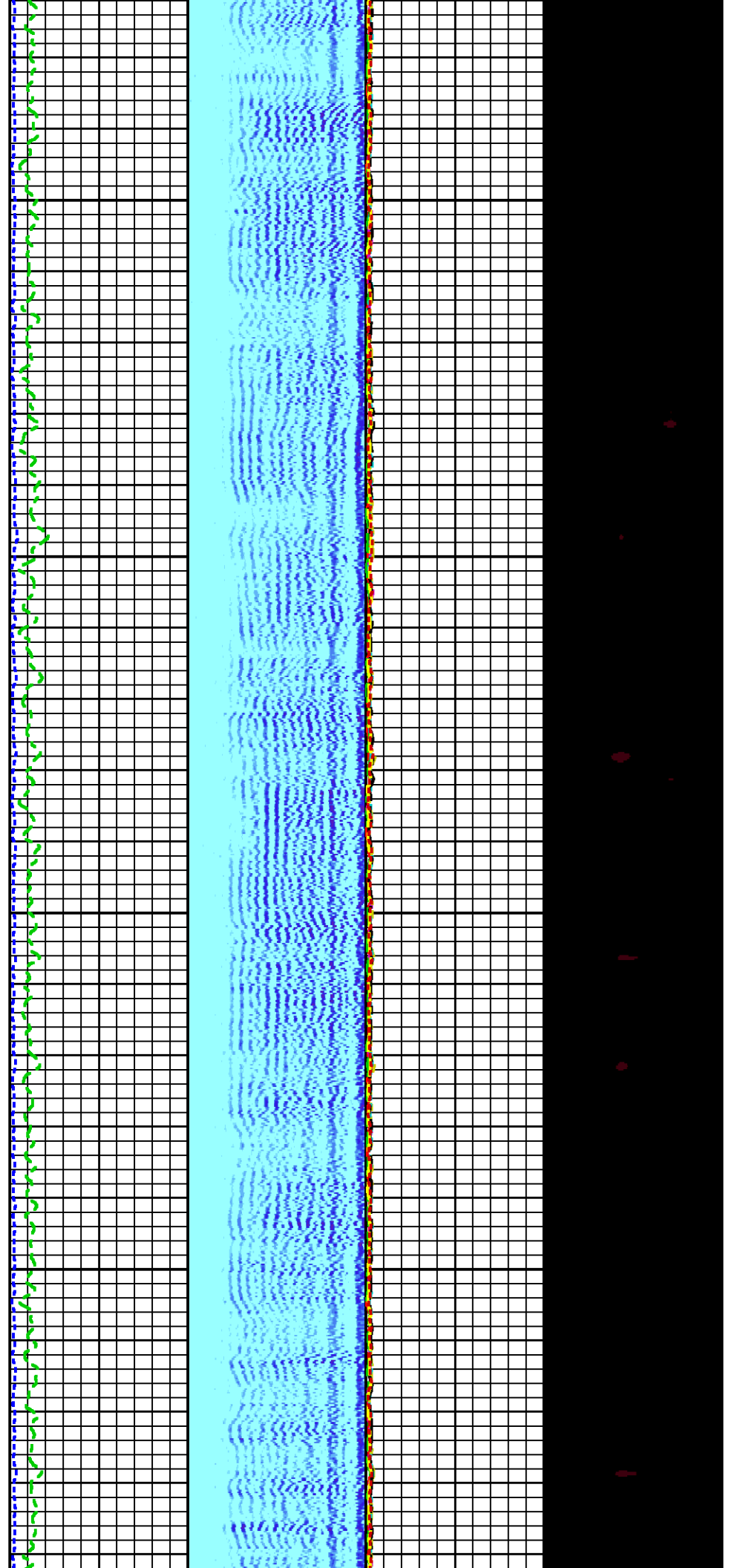


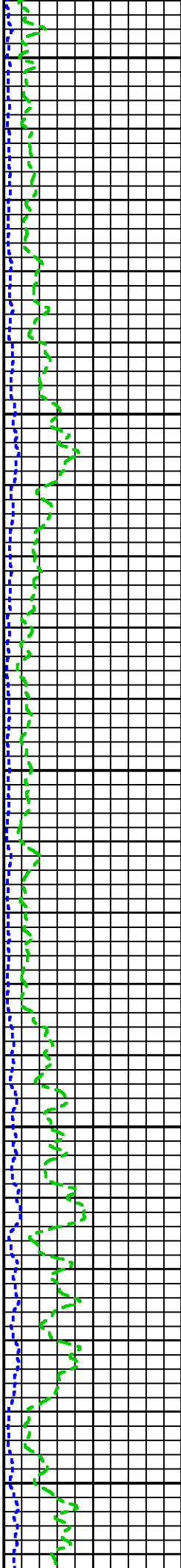
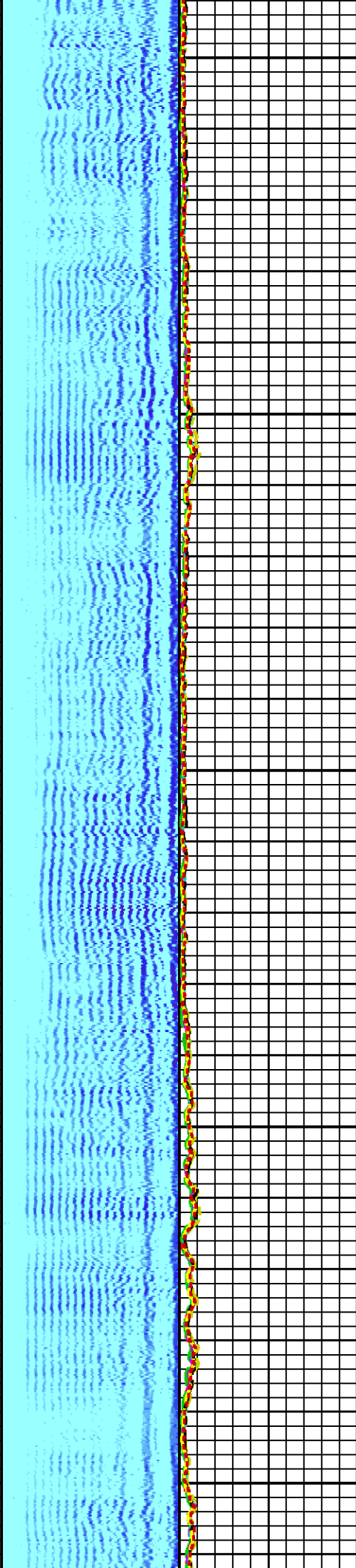
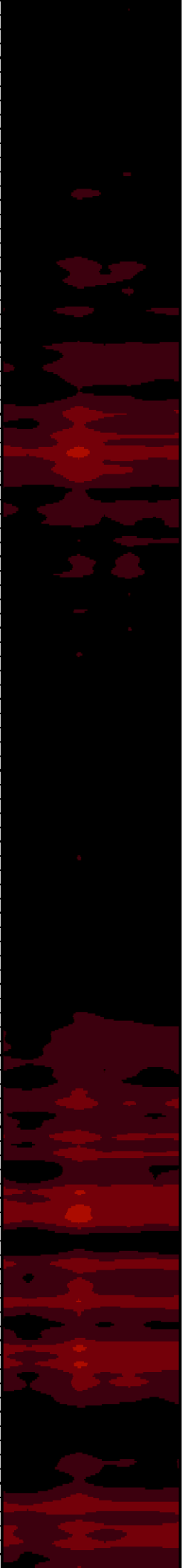




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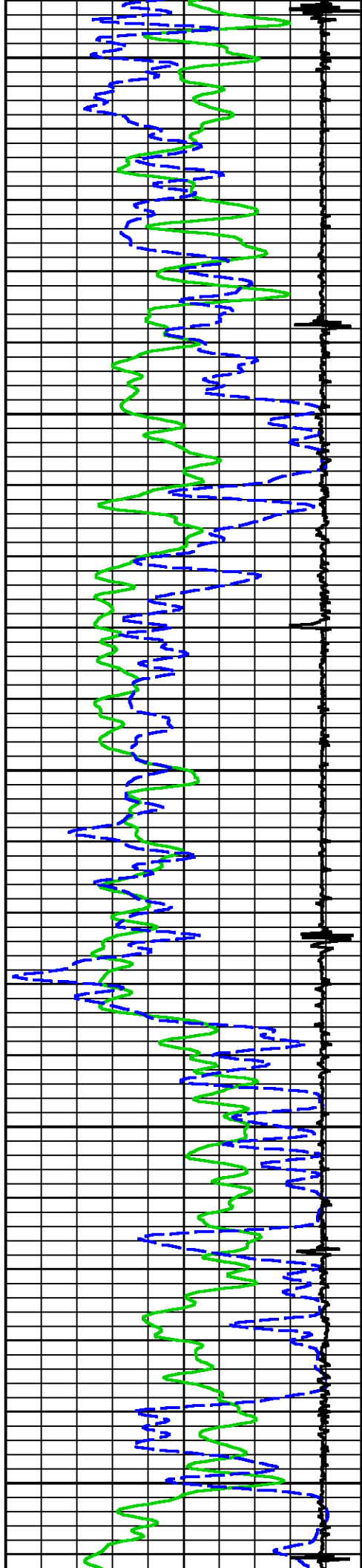
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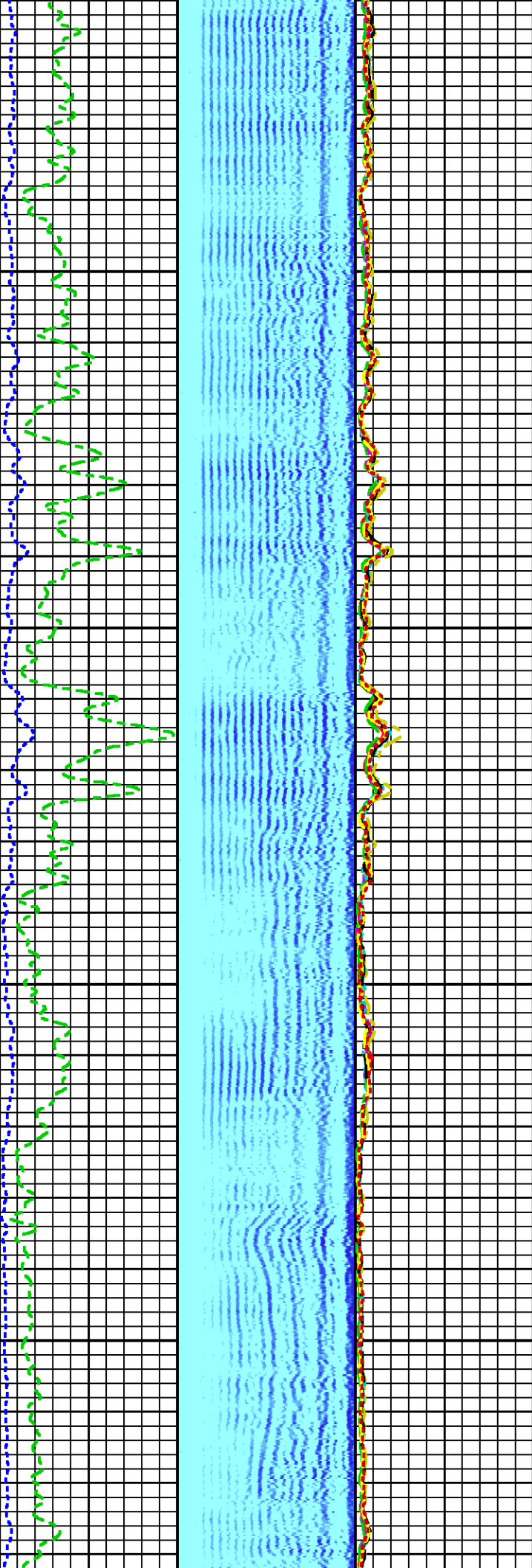
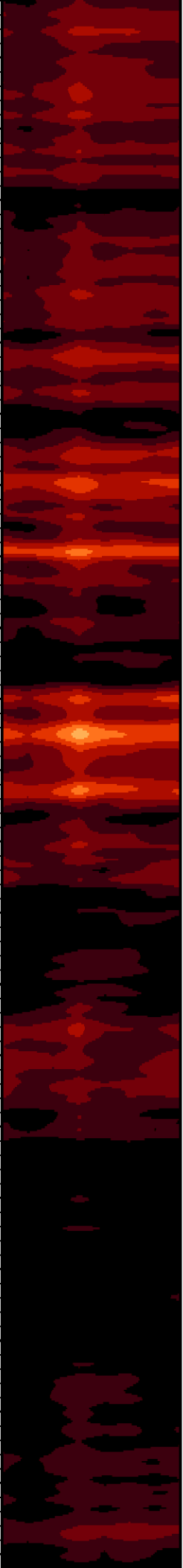




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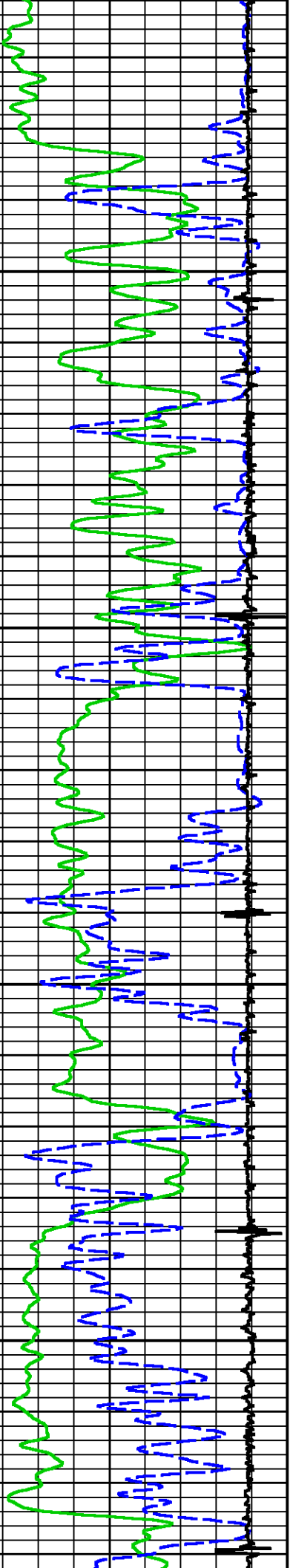
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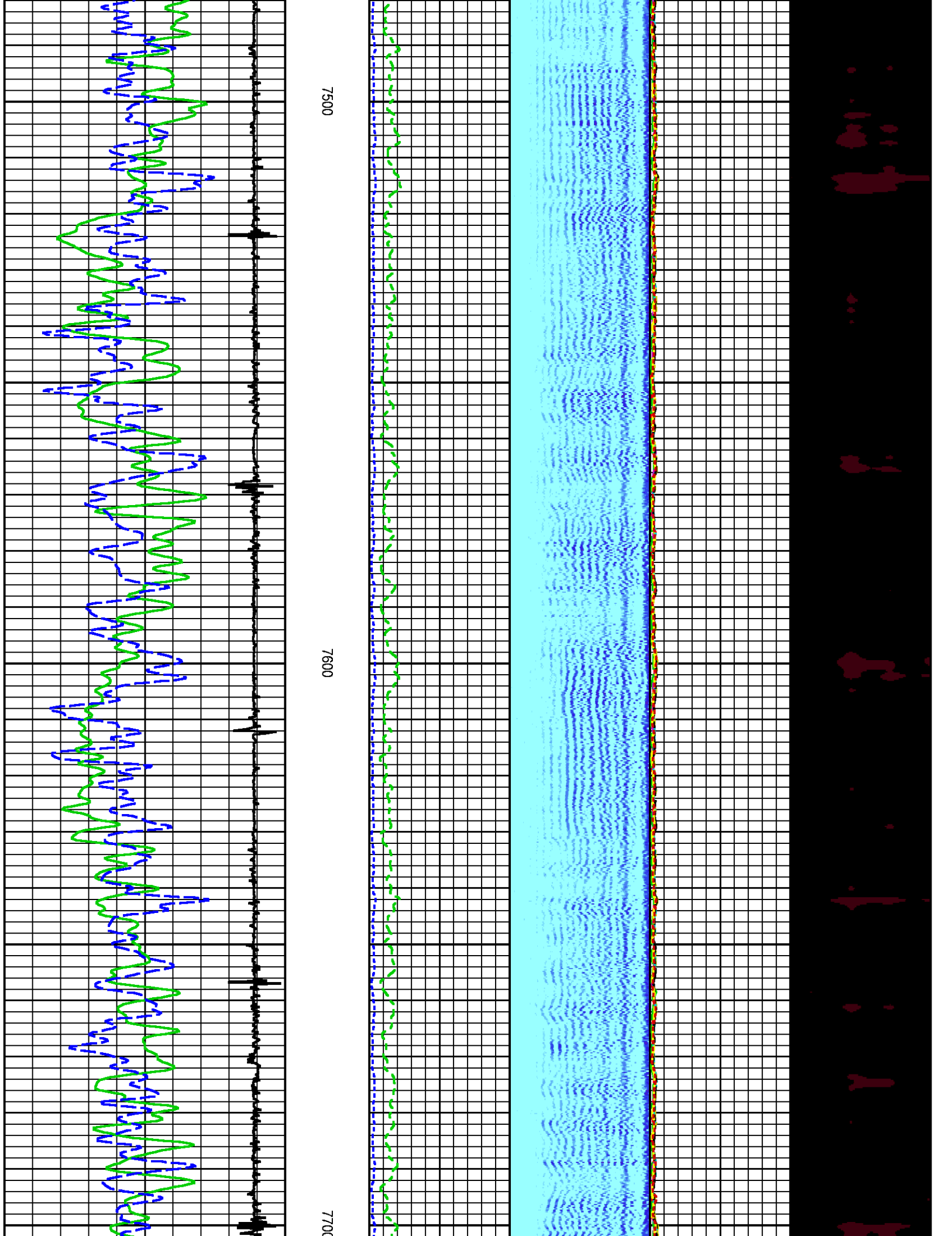


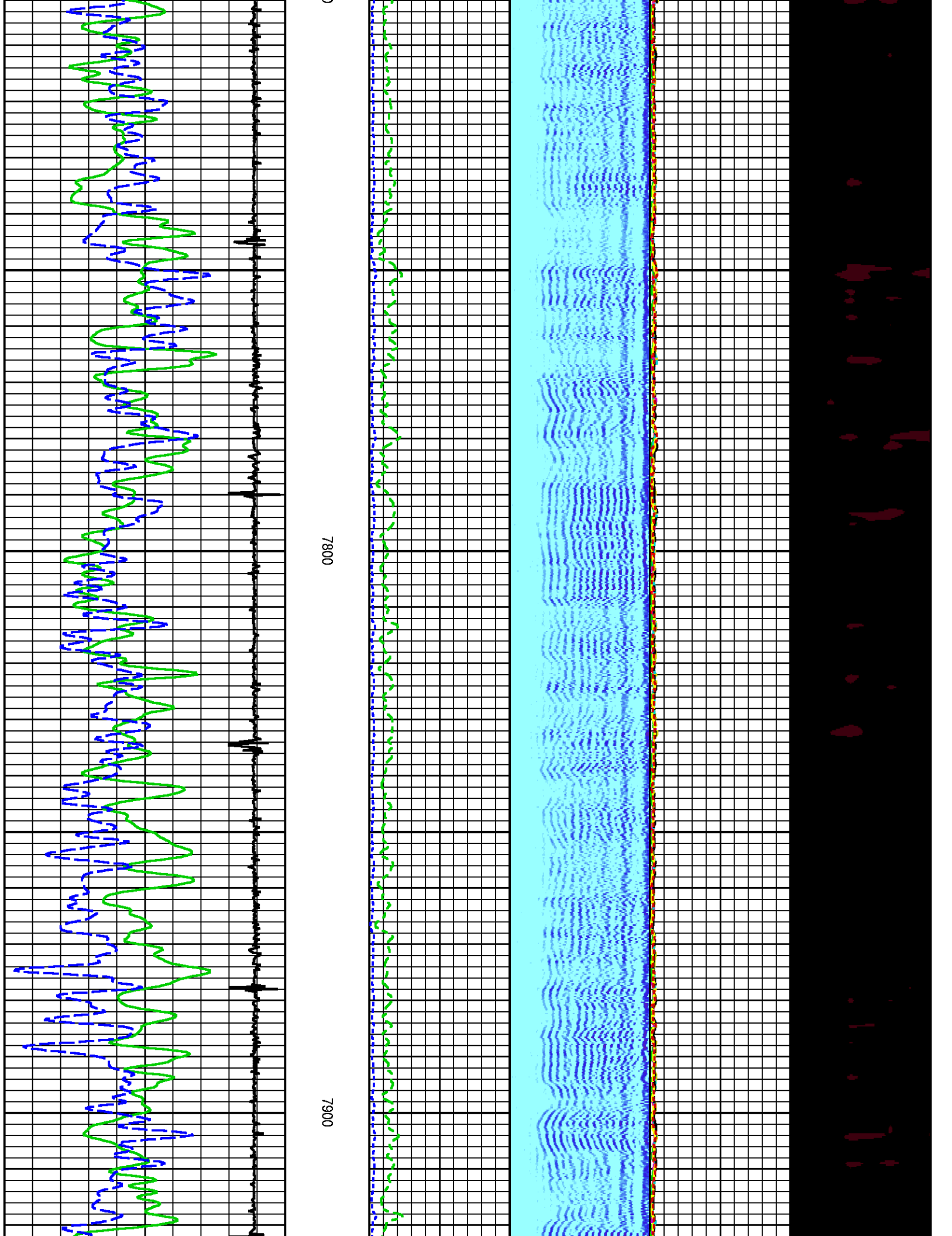
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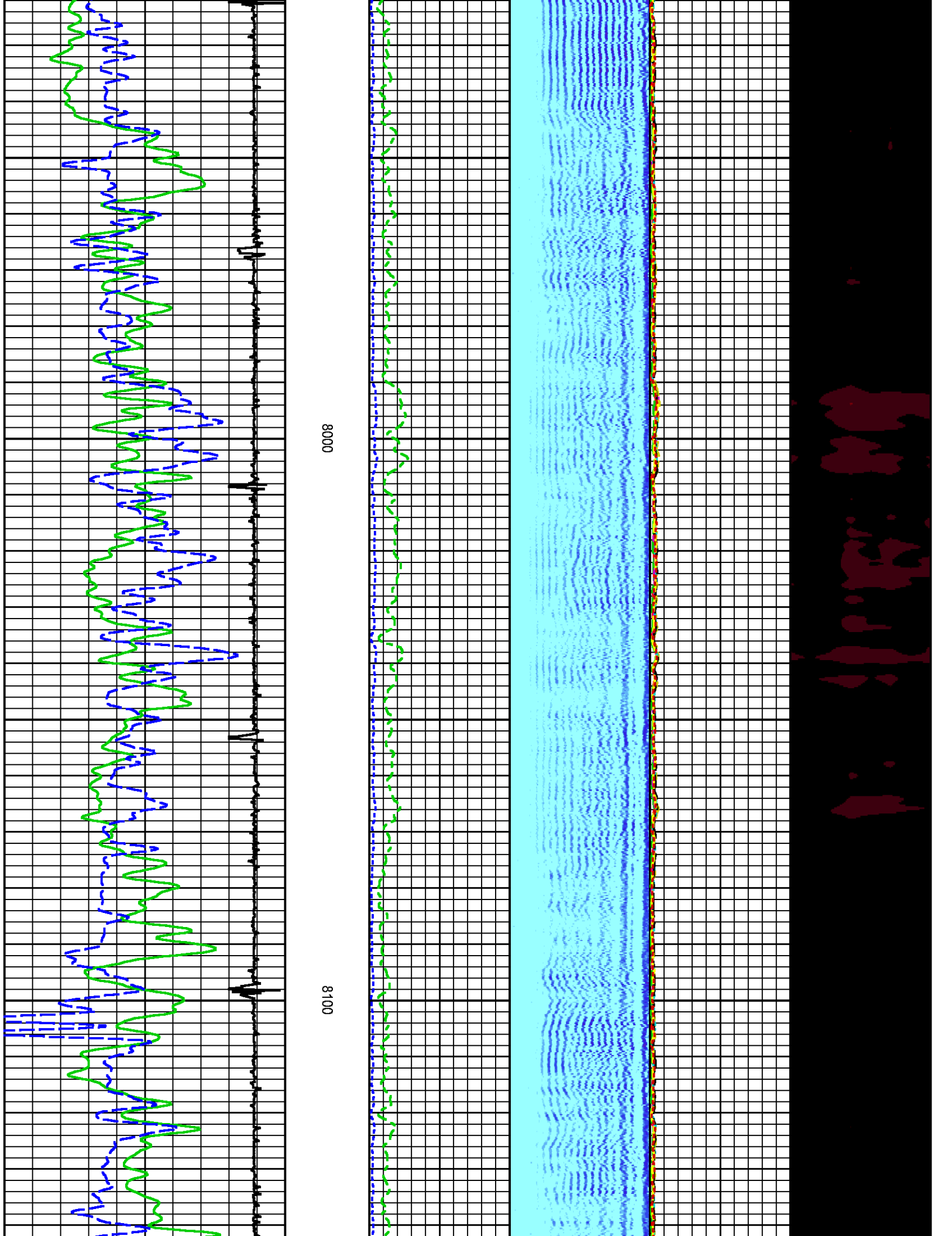
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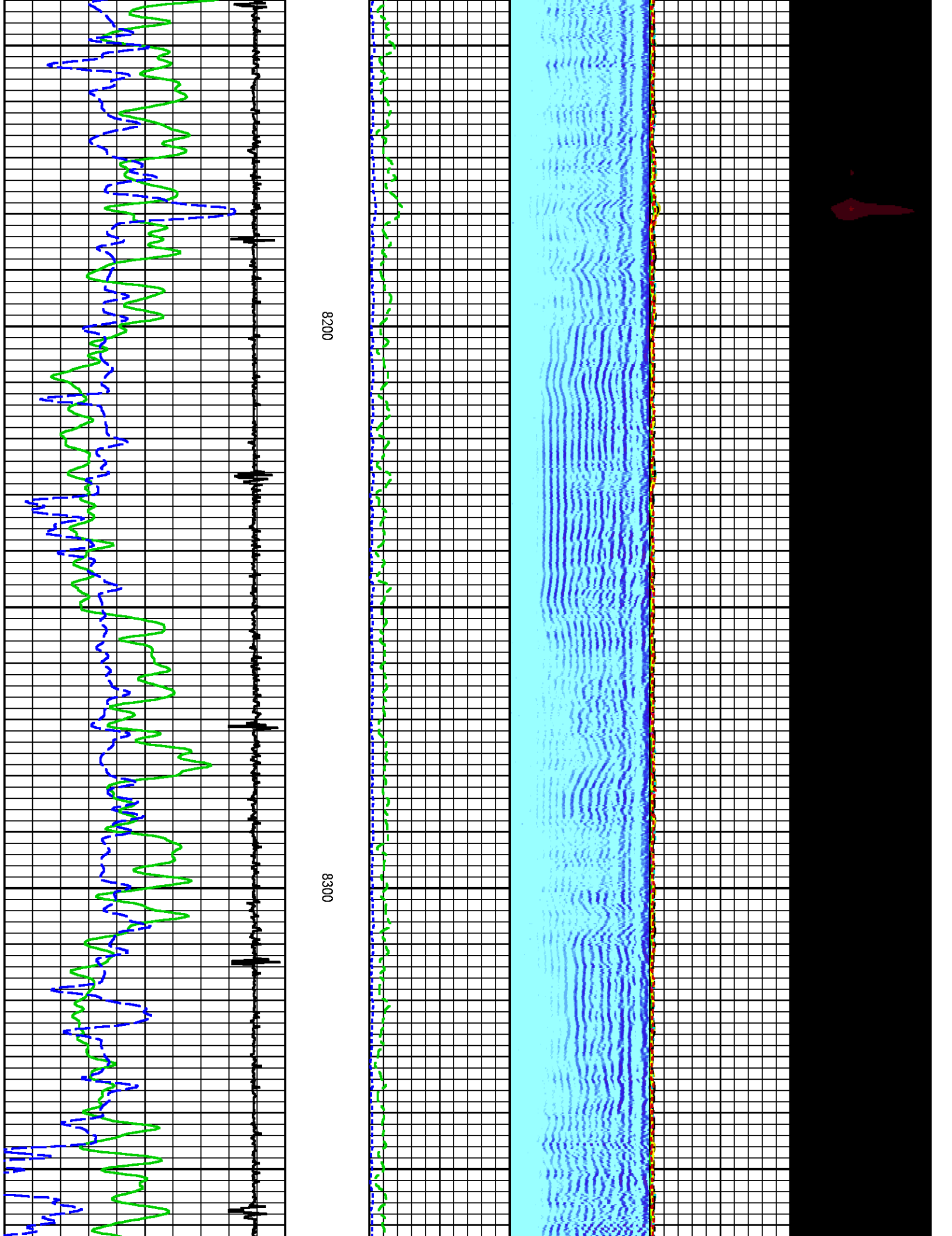










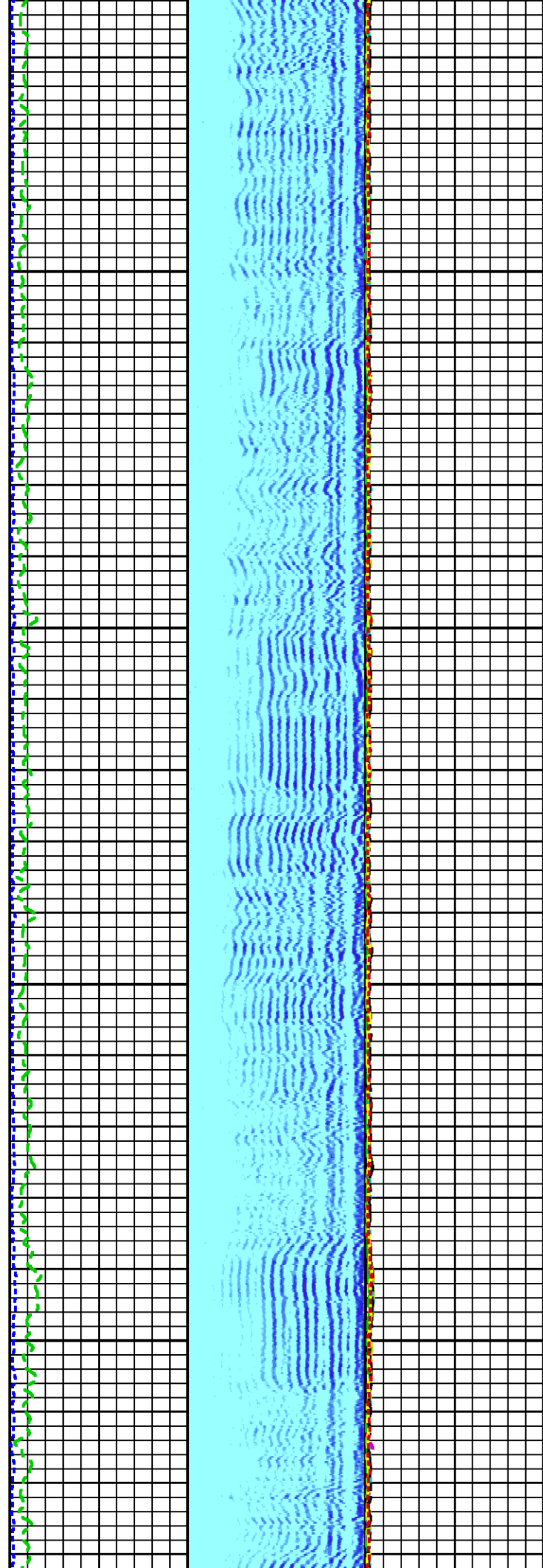


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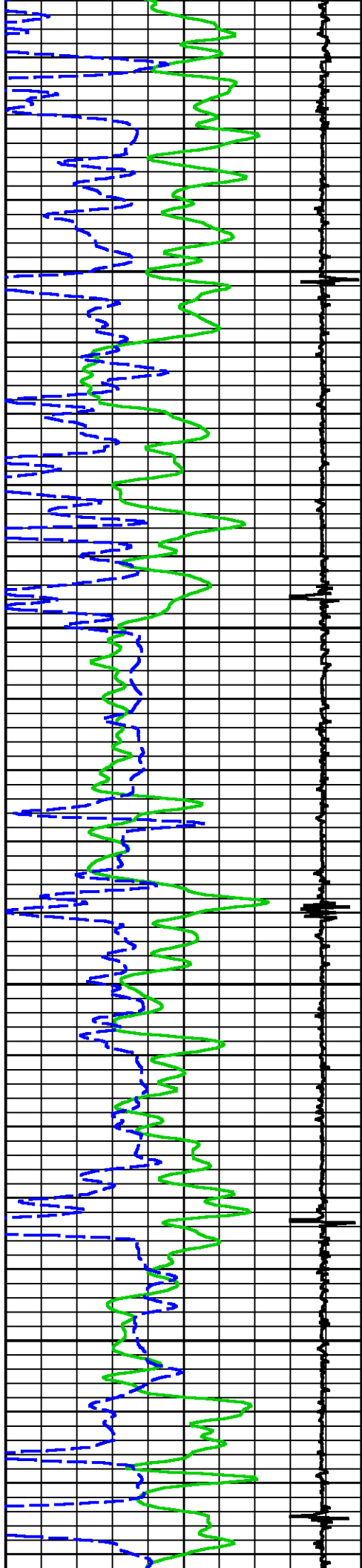


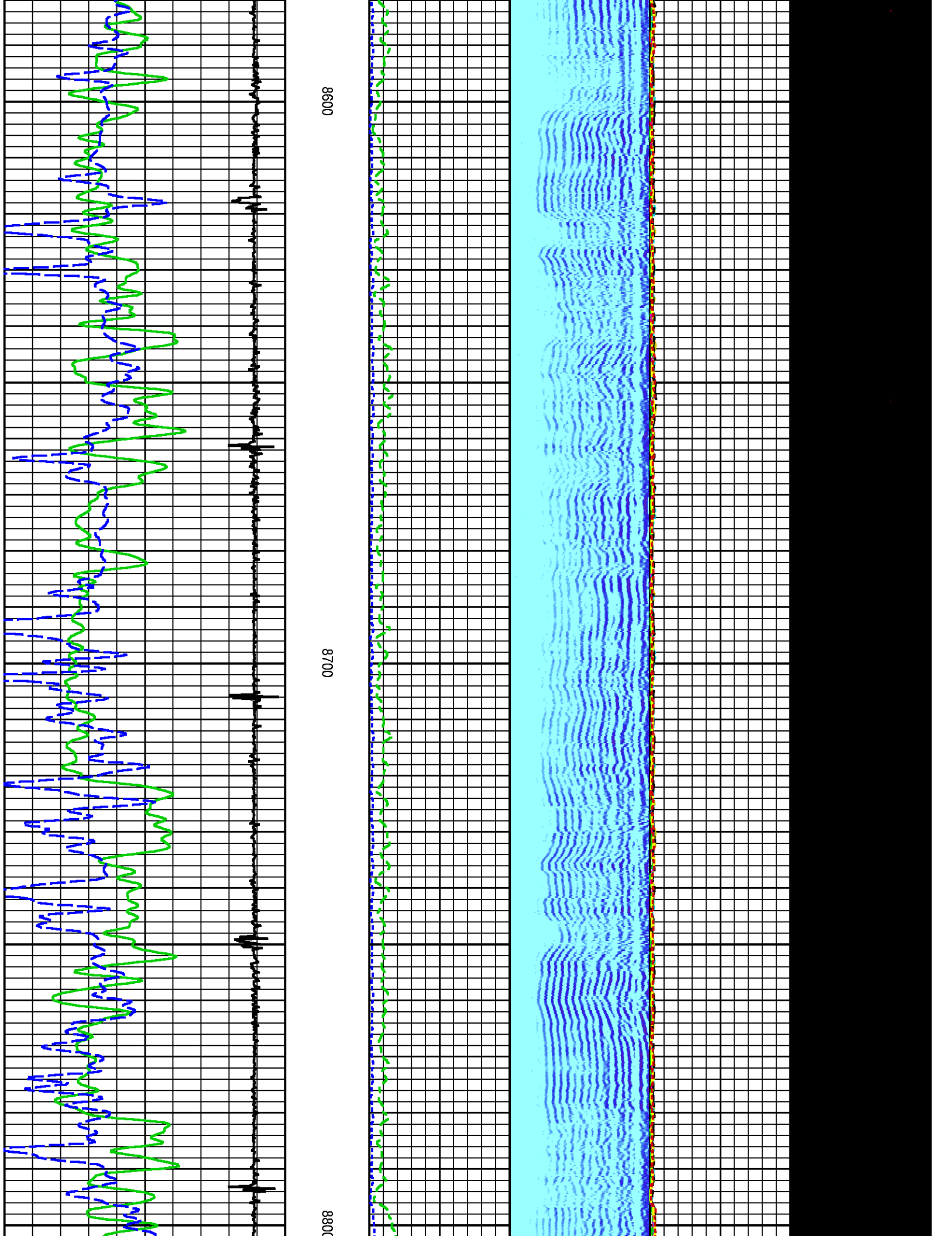
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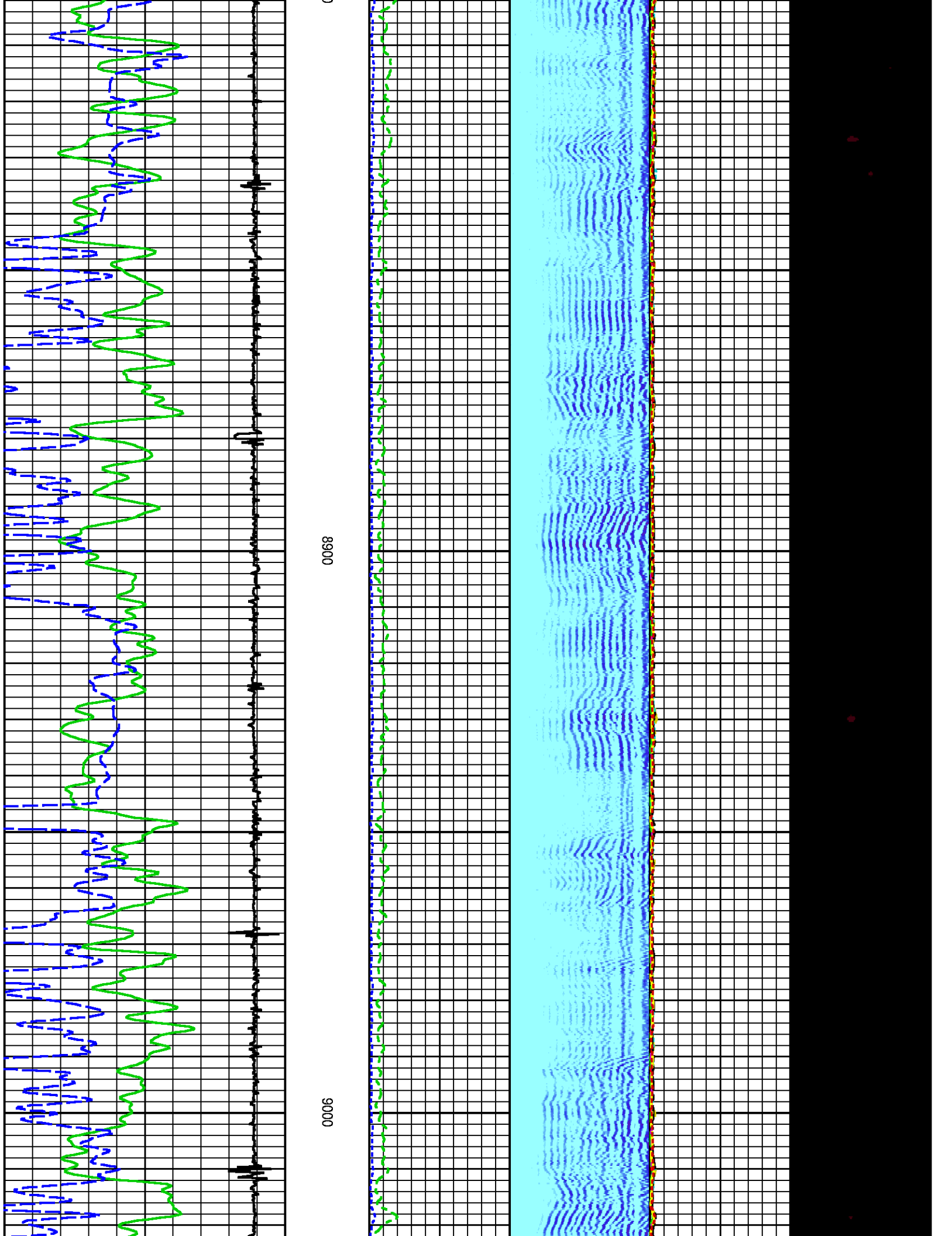


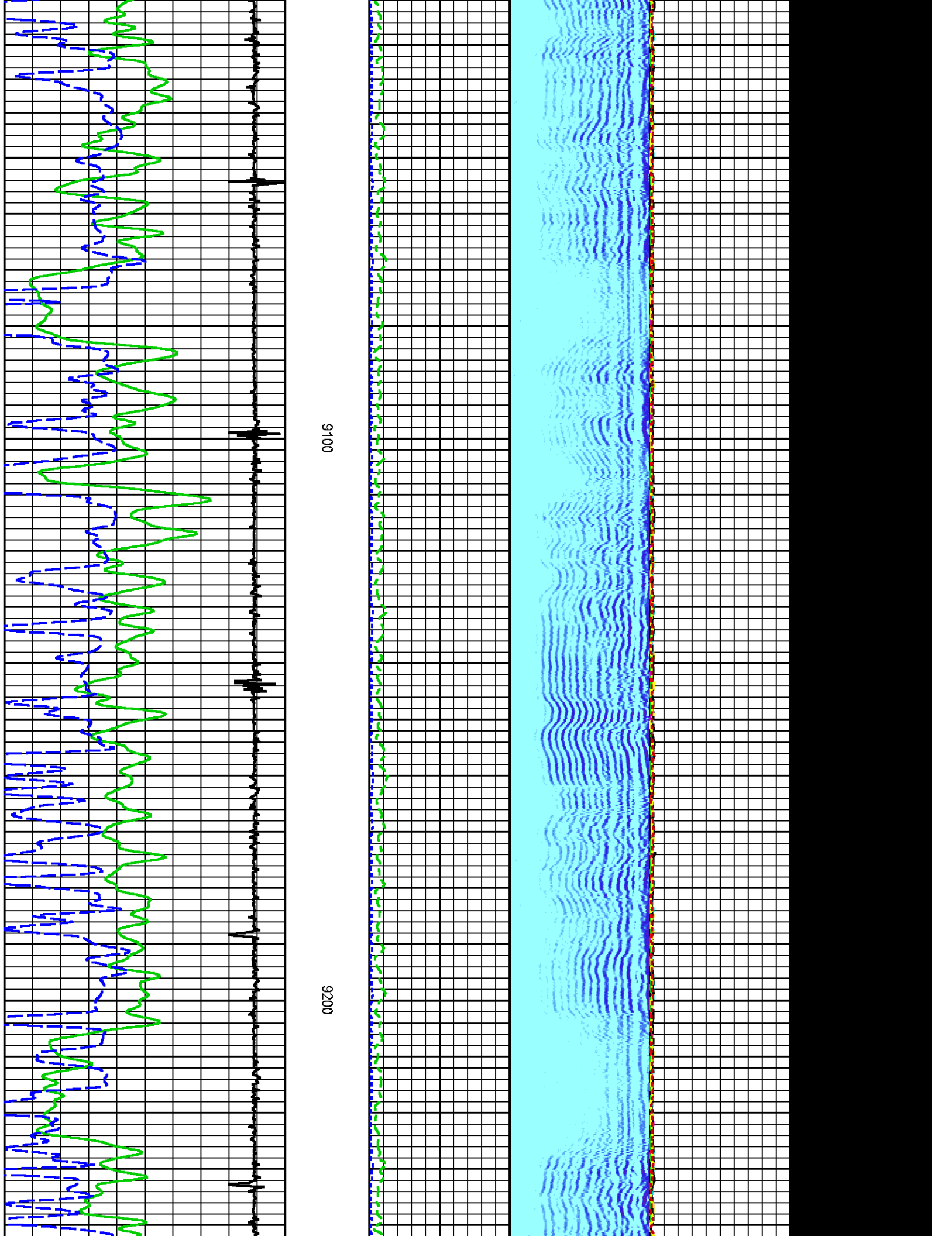


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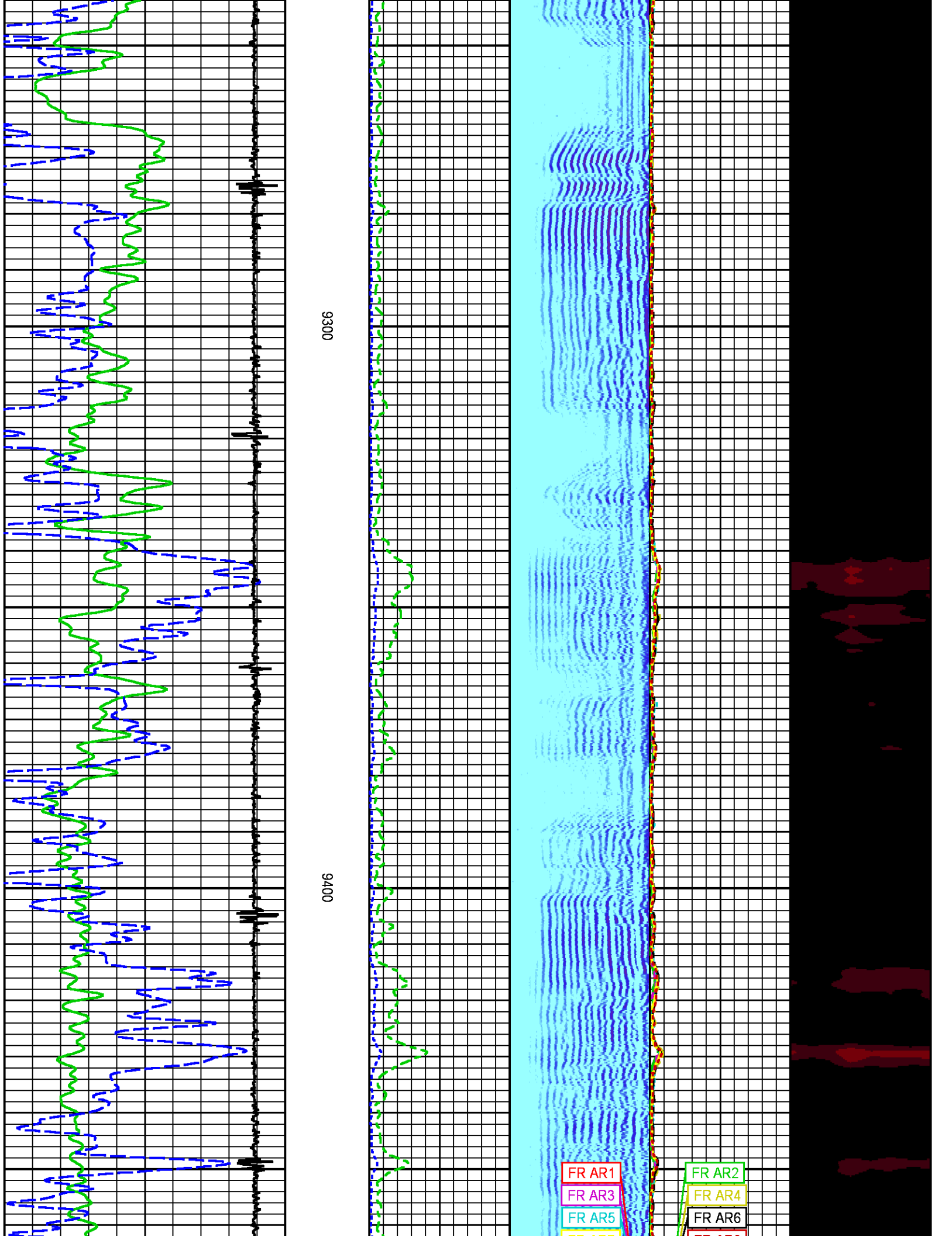
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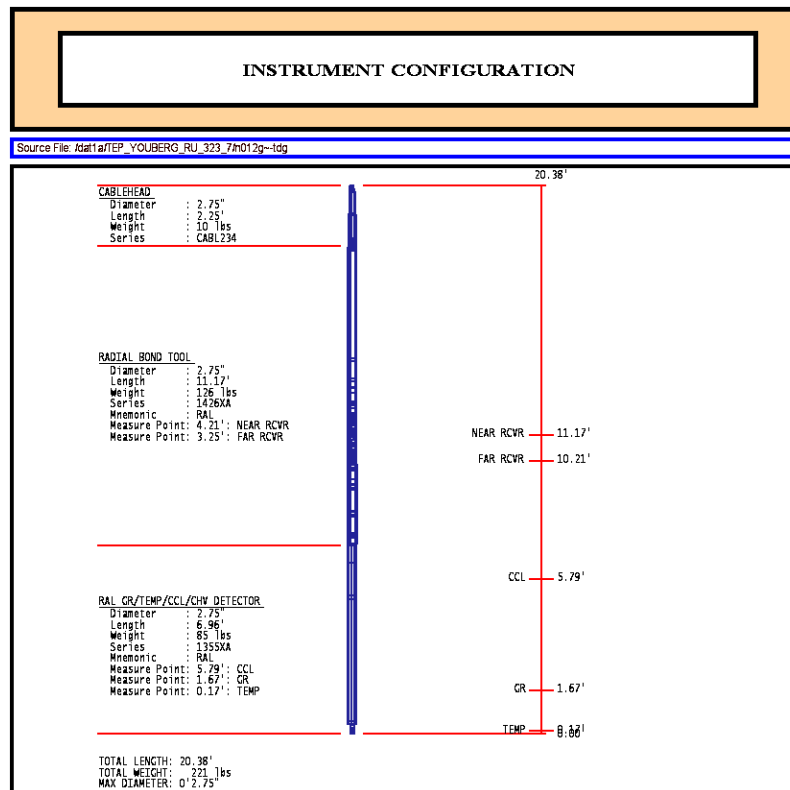




| GR PRIMARY CALIBRATION SUMMARY |                  |   |       |                   |                   |                |
|--------------------------------|------------------|---|-------|-------------------|-------------------|----------------|
| TOOL #: 1355XA12670181         |                  | DATE/TIME PERFORMED: Sat Sep 24 07:36:43 2016 |       |                   |                   |                |
| UNIT #: 3880TA HL6670          |                  | CALB JIG #: 4702NKWA-612                      |       |                   |                   |                |
| BACKGROUND (cts)               | CALBRTR ON (cts) | GR DIFF (cts/s)                               | MULT  | BACKGROUND (gAPI) | CALBRTR ON (gAPI) | CALBRTR (gAPI) |
| GR 80.31                       | 325.69           | 245.4   | 0.611 | 49.09             | 199.09            | 150            |

| GR PRIMARY VERIFICATION SUMMARY |                  |   |                   |                   |              |  |
|---------------------------------|------------------|---|-------------------|-------------------|--------------|--|
| TOOL #: 1355XA12670181          |                  | DATE/TIME PERFORMED: Sat Sep 24 07:38:10 2016 |                   |                   |              |  |
| UNIT #: 3880TA HL6670           |                  | VERI JIG #: 4702NKWA-612                      |                   |                   |              |  |
| BACKGROUND (cts)                | CALBRTR ON (cts) | MULT  | BACKGROUND (gAPI) | CALBRTR ON (gAPI) | DIFF. (gAPI) |  |
| GR 81.58                        | 316.36           | 0.611   | 49.87             | 193.39            | 143.52       |  |



|  |  |   |  |
|--|--|---|--|
|  | <b>COMPANY</b> <u>TEP ROCKY MOUNTAIN LLC</u><br><b>WELL</b> <u>YOUBERG RU 323-7</u><br><b>FIELD</b> <u>RULISON</u><br><b>COUNTY</b> <u>GARFIELD</u> <b>STATE</b> <u>COLORADO</u> | <b>FILE NO:</b> _____<br><br><b>API NO:</b> <u>0504523133</u> |  |
|  | <b>LOCATION:</b><br>SHL: 2013' FNL & 1904' FWL<br>BHL: 1791' FSL & 2613' FWL   | <b>ELEVATIONS:</b><br>KB 7363 FT<br>DF<br>GL 7339 FT          |  |
|  | <b>SEC</b> <u>7</u> <b>TWP</b> <u>7S</u> <b>RGE</b> <u>93W</u>   | <b>DATE</b> <u>30-SEP-2016</u>                                |  |
|  |  |   |  |