



## DUAL INDUCTION LOG

|                              |                                                                        |                                           |                         |
|------------------------------|------------------------------------------------------------------------|-------------------------------------------|-------------------------|
| Company                      | VINCENT OIL CORPORATION                                                | Company                                   | VINCENT OIL CORPORATION |
| Well                         | PERKINS #4-3                                                           | Well                                      | PERKINS #4-3            |
| Field                        | MULBERRY CREEK                                                         | Field                                     | MULBERRY CREEK          |
| County                       | FORD                                                                   | County                                    | FORD                    |
| State                        | KANSAS                                                                 | State                                     | KANSAS                  |
| Location:                    | API # : 15-057-21057-0000<br>496' FNL & 364' FWL<br>S/2 - NW - NW - NW | Other Services<br>CDL/CNL/PE<br>MEL/SONIC |                         |
| Permanent Datum              | GROUND LEVEL                                                           | Elevation                                 | 2534                    |
| Log Measured From            | KELLY BUSHING 12' A.G.L.                                               | K.B. 2546<br>D.F. 2544<br>G.L. 2534       |                         |
| Drilling Measured From       | KELLY BUSHING                                                          |                                           |                         |
| Date                         | 10/16/21                                                               |                                           |                         |
| Run Number                   | ONE                                                                    |                                           |                         |
| Depth Driller                | 5340                                                                   |                                           |                         |
| Depth Logger                 | 5340                                                                   |                                           |                         |
| Bottom Logged Interval       | 5338                                                                   |                                           |                         |
| Top Log Interval             | 00                                                                     |                                           |                         |
| Casing Driller               | 8 5/8"@679'                                                            |                                           |                         |
| Casing Logger                | 678                                                                    |                                           |                         |
| Bit Size                     | 7 7/8"                                                                 |                                           |                         |
| Type Fluid in Hole           | CHEMICAL MUD                                                           | CHLORIDES 9,600 PPM                       |                         |
| Density / Viscosity          | 9.1/58                                                                 |                                           |                         |
| pH / Fluid Loss              | 10.0/8.8                                                               |                                           |                         |
| Source of Sample             | FLOWLINE                                                               |                                           |                         |
| Rm @ Meas. Temp              | .450@75F                                                               |                                           |                         |
| Rmf @ Meas. Temp             | .338@75F                                                               |                                           |                         |
| Rmc @ Meas. Temp             | .540@75F                                                               |                                           |                         |
| Source of Rmf / Rmc          | MEASUREMENT                                                            |                                           |                         |
| Rm @ BHT                     | .264@128F                                                              |                                           |                         |
| Time Circulation Stopped     | 3 HOURS                                                                |                                           |                         |
| Time Logger on Bottom        | 1:15 P.M.                                                              |                                           |                         |
| Maximum Recorded Temperature | 128F                                                                   |                                           |                         |
| Equipment Number             | 922339                                                                 |                                           |                         |
| Location                     | HAYS, KANSAS                                                           |                                           |                         |
| Recorded By                  | JEFF LUEBBERS                                                          |                                           |                         |
| Witnessed By                 | KEN LeBLANC                                                            |                                           |                         |

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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.

15-057-21057-0000

Comments

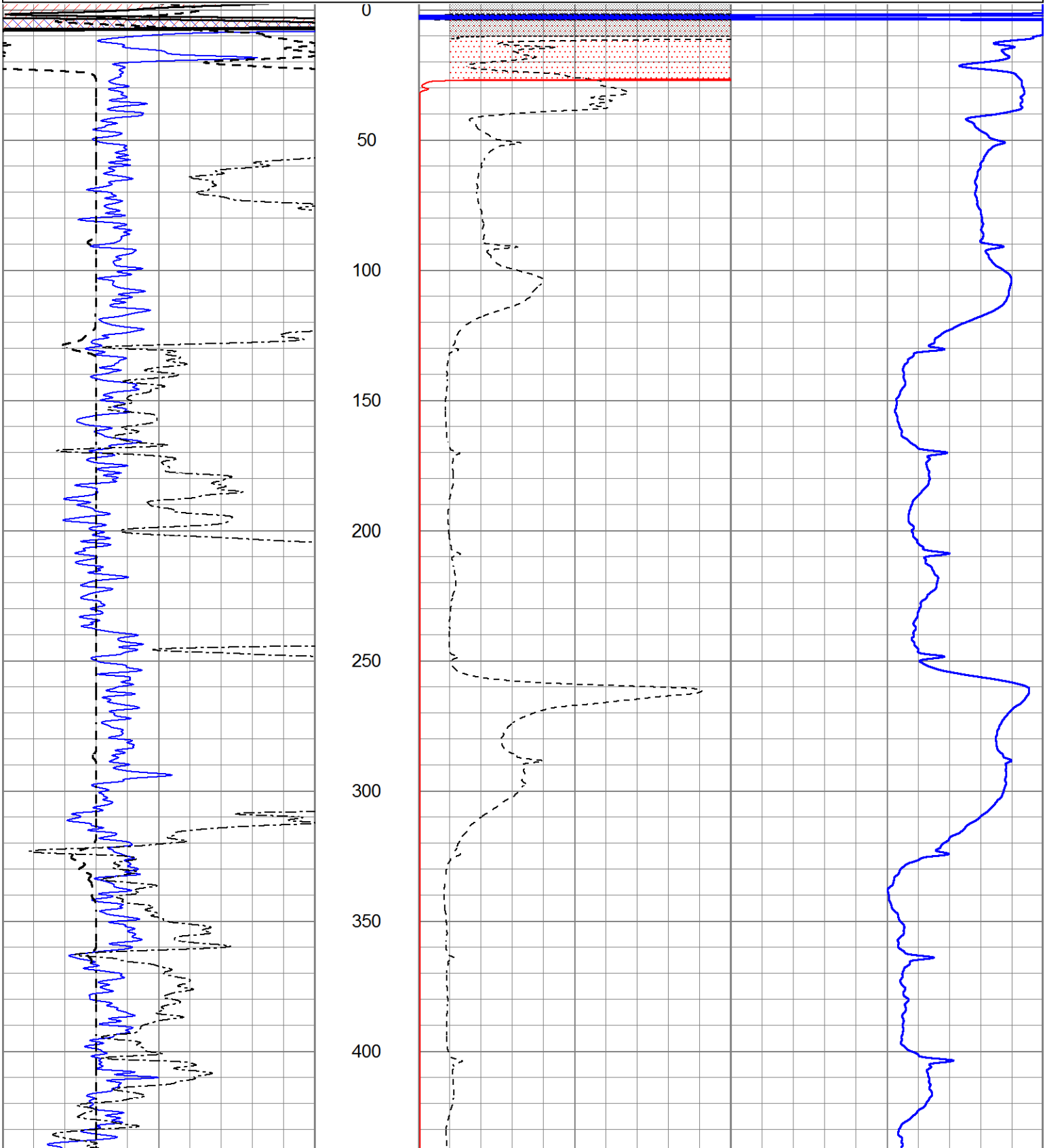
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395  
DIRECTIONS  
KINGSDOWN, KS. & HWY 54, 2N. TO "WILBURN RD.", 4W., S. INTO

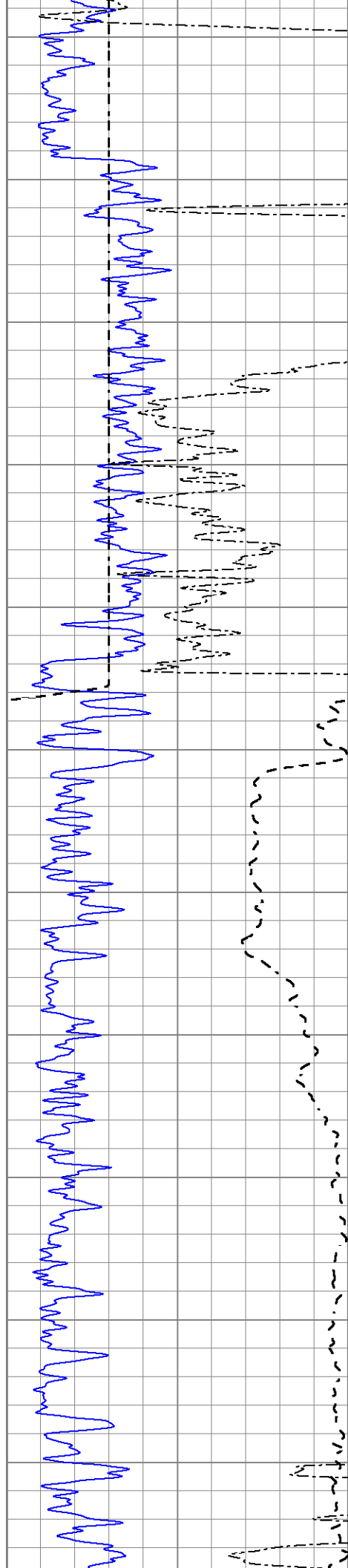


# MAIN SECTION

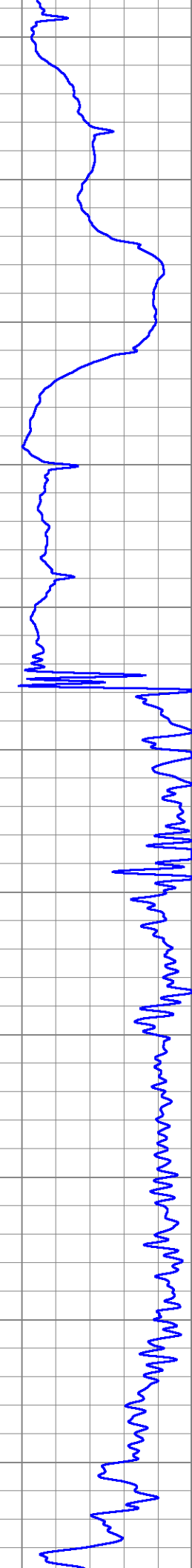
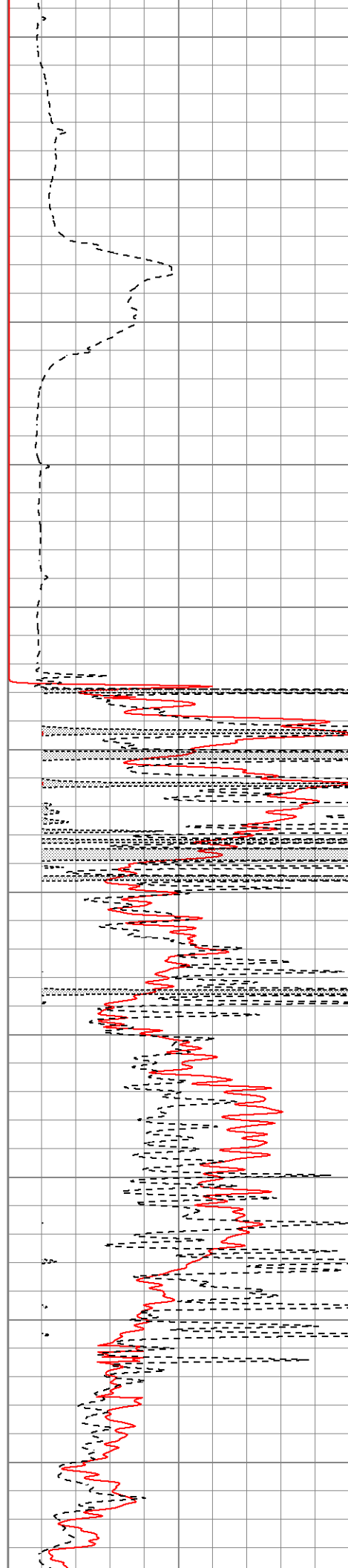
|                     |                            |
|---------------------|----------------------------|
| Database File       | 5671pe.db                  |
| Dataset Pathname    | pass3.1M                   |
| Presentation Format | dil2                       |
| Dataset Creation    | Sat Oct 16 15:04:19 2021   |
| Charted by          | Depth in Feet scaled 1:600 |

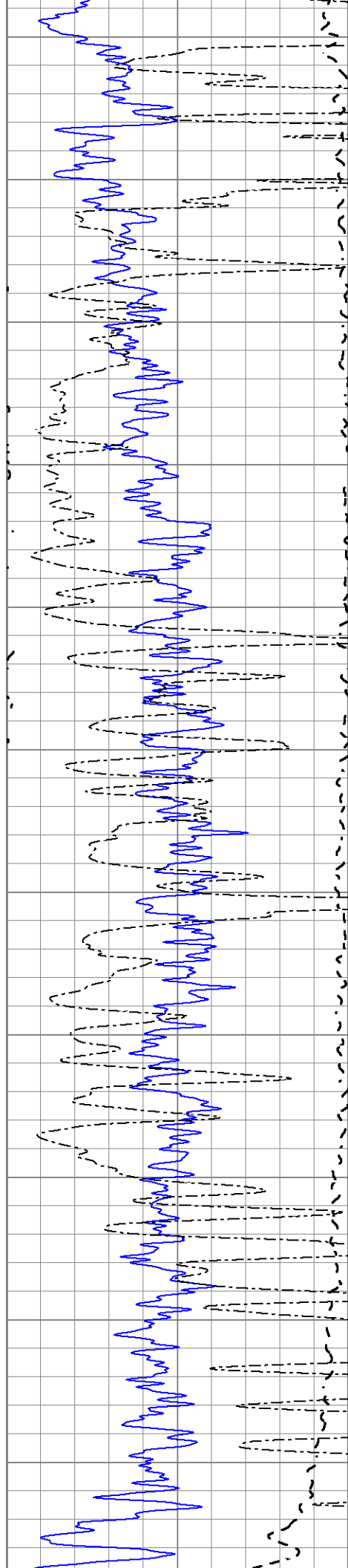
|      |                  |     |      |                  |     |
|------|------------------|-----|------|------------------|-----|
| 0    | Gamma Ray (GAPI) | 150 | 1000 | CILD (mmho/m)    | 0   |
| -100 | SP (mV)          | 100 | 0    | RLL3 (Ohm-m)     | 50  |
| 0    | RWA (Ohm-m)      | 1   | 0    | RILD (Ohm-m)     | 50  |
|      |                  |     | 50   | RILD X10 (Ohm-m) | 500 |
|      |                  |     | 50   | RLL3 X10 (Ohm-m) | 500 |



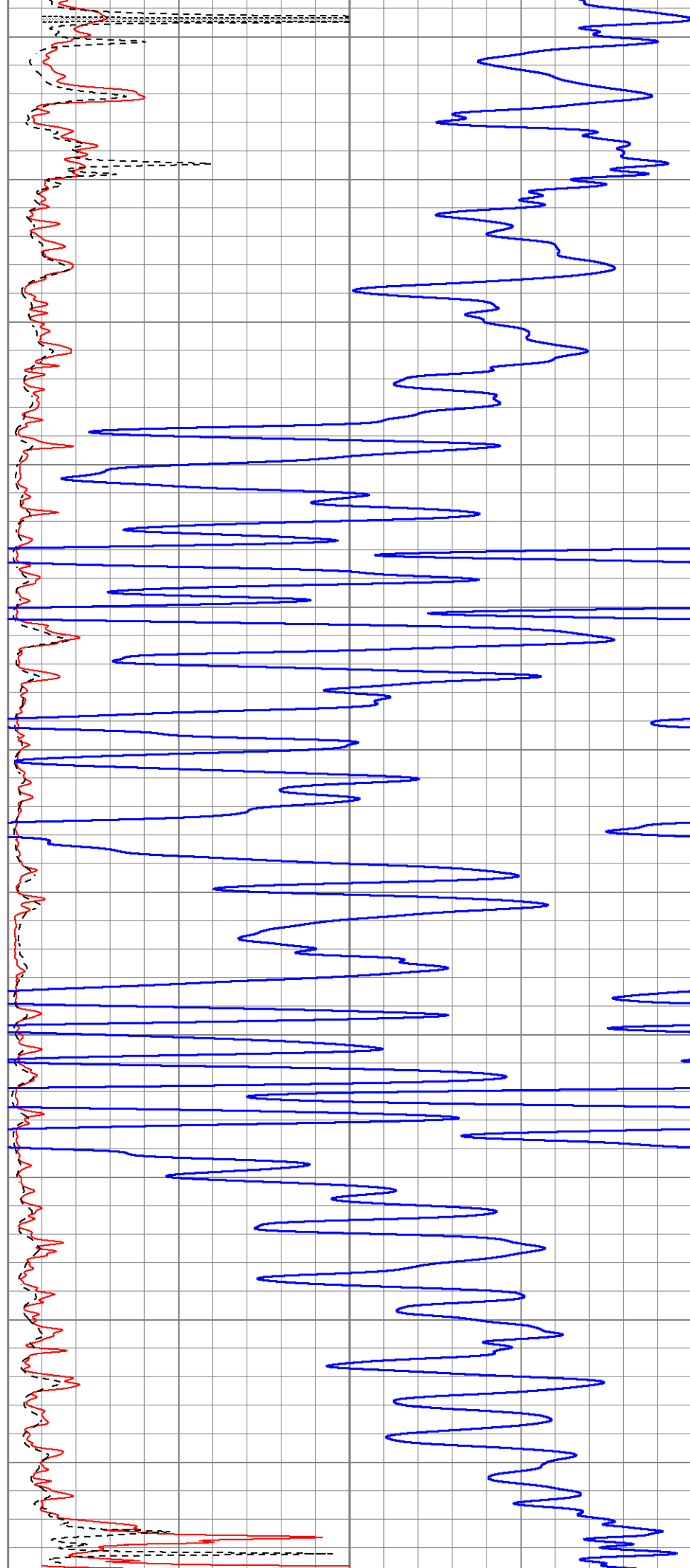


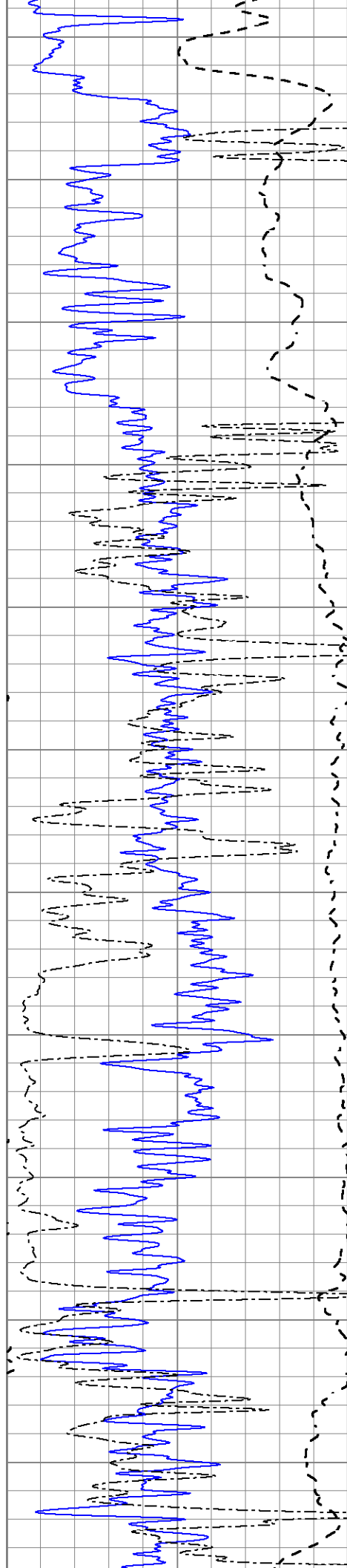
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750  
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850  
900  
950





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1100  
1150  
1200  
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1350  
1400  
1450  
1500





1550

1600

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1750

1800

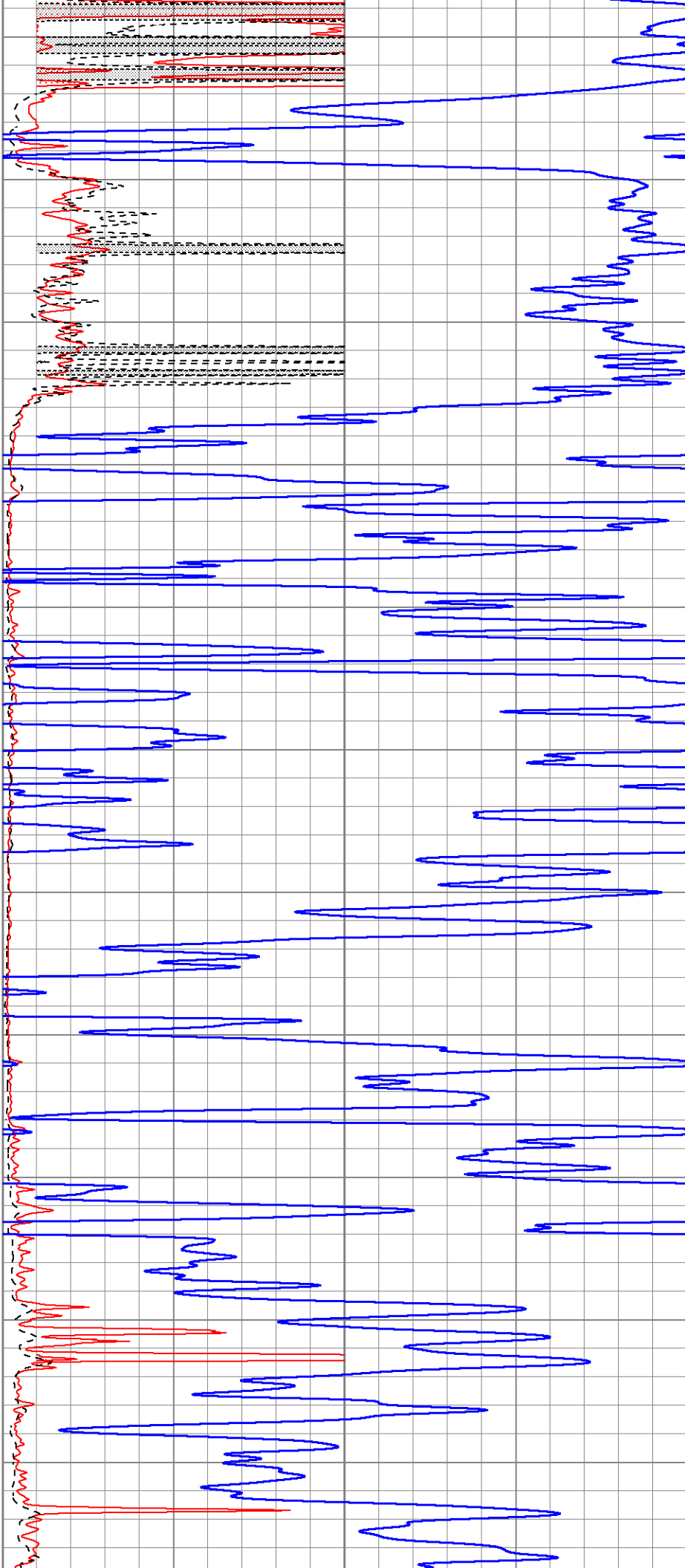
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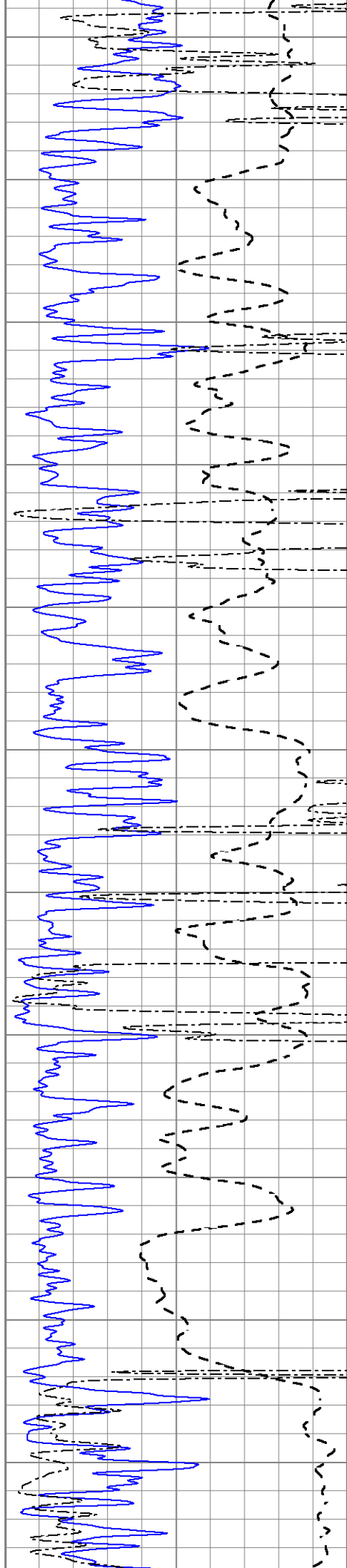
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2000

2050





2100

2150

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2250

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2350

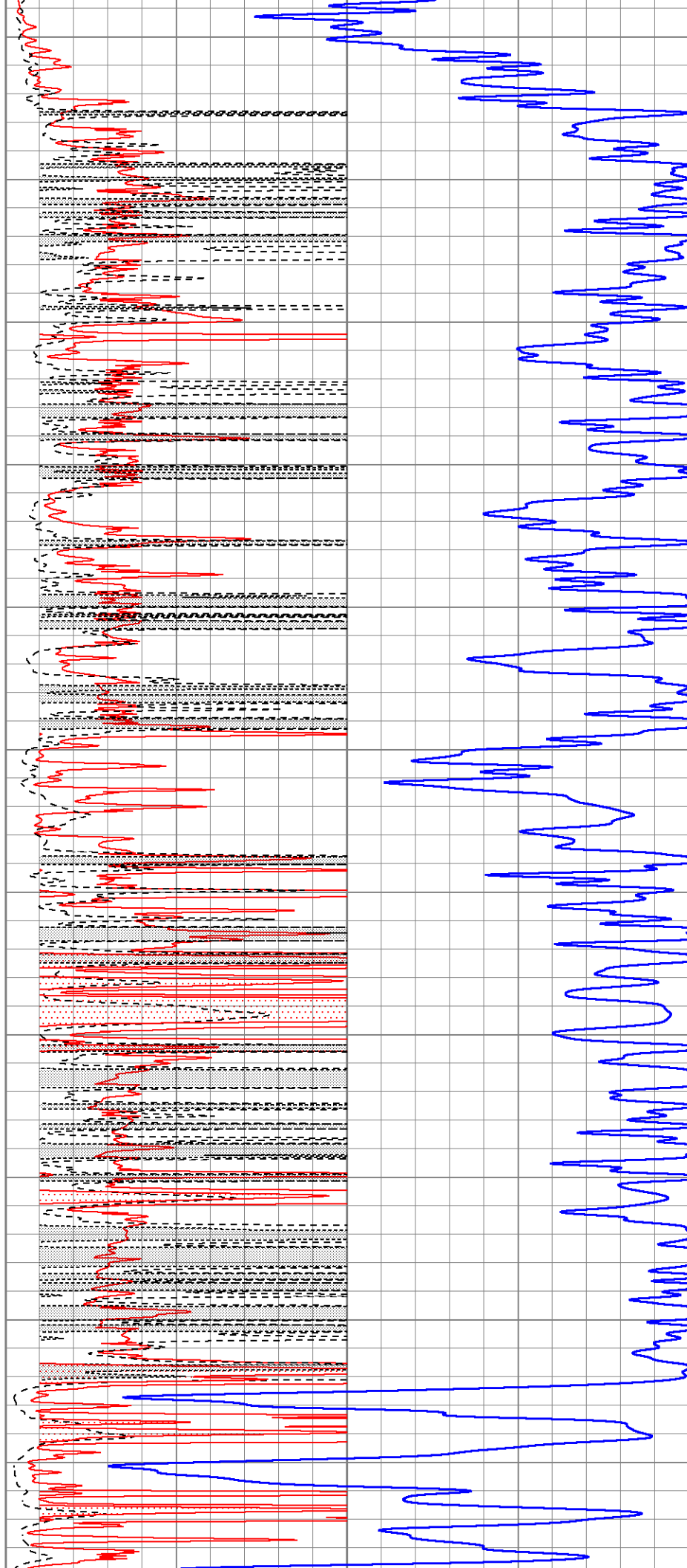
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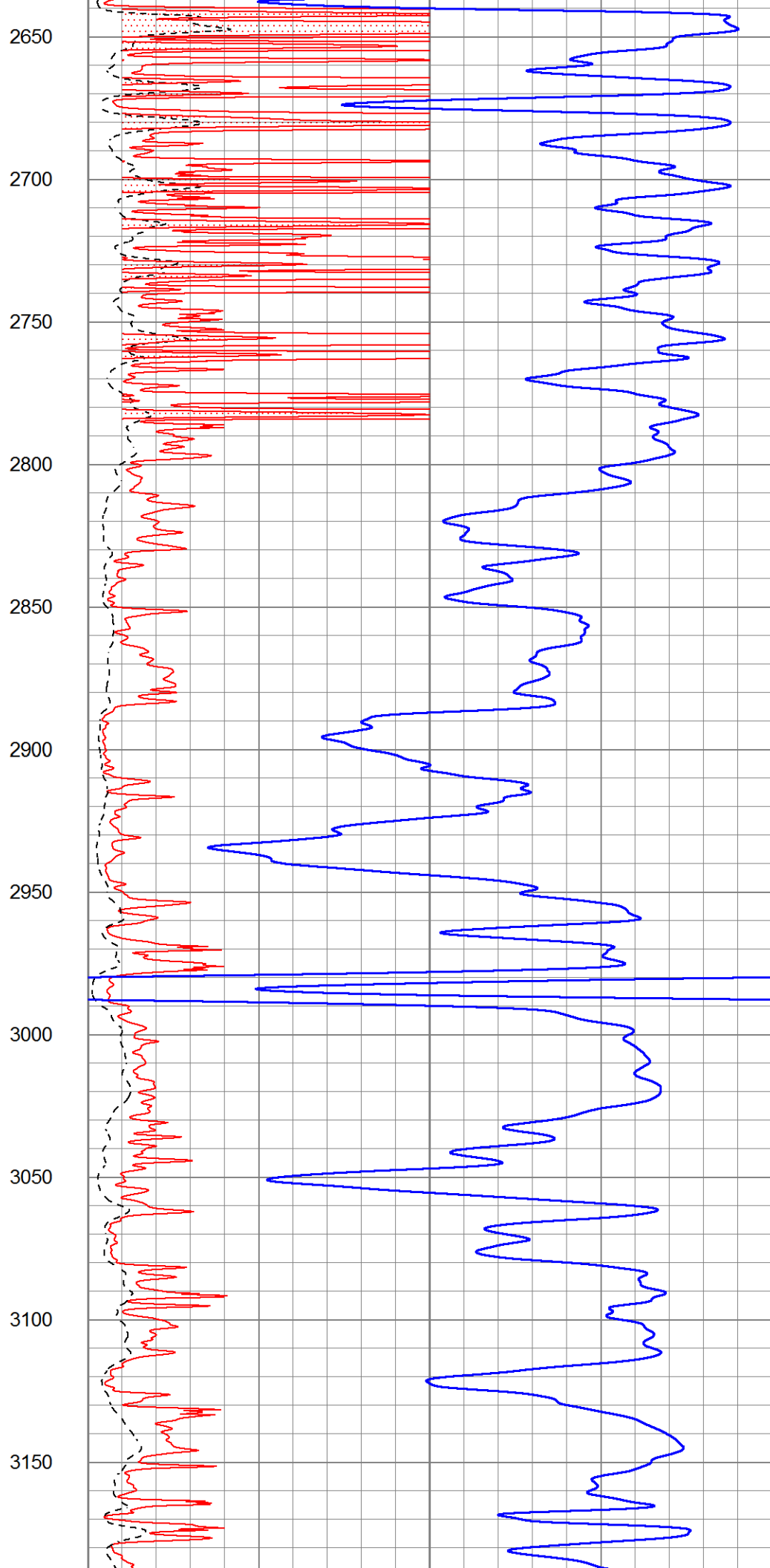
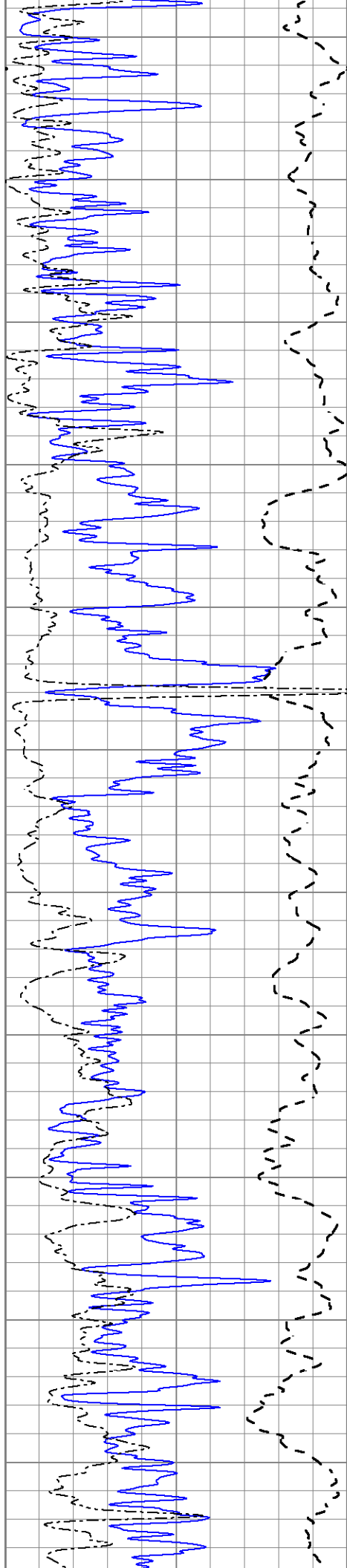
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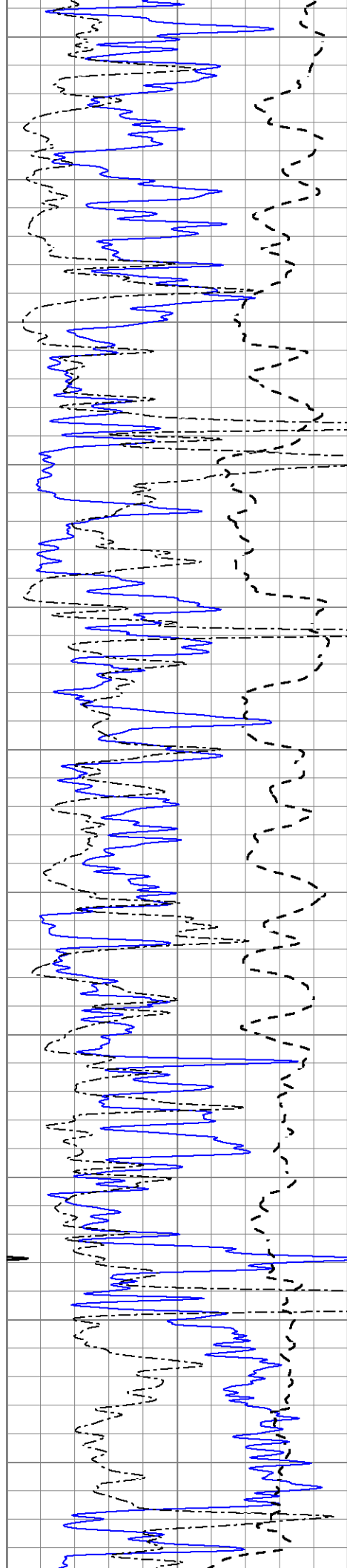
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2550

2600







3200

3250

3300

3350

3400

3450

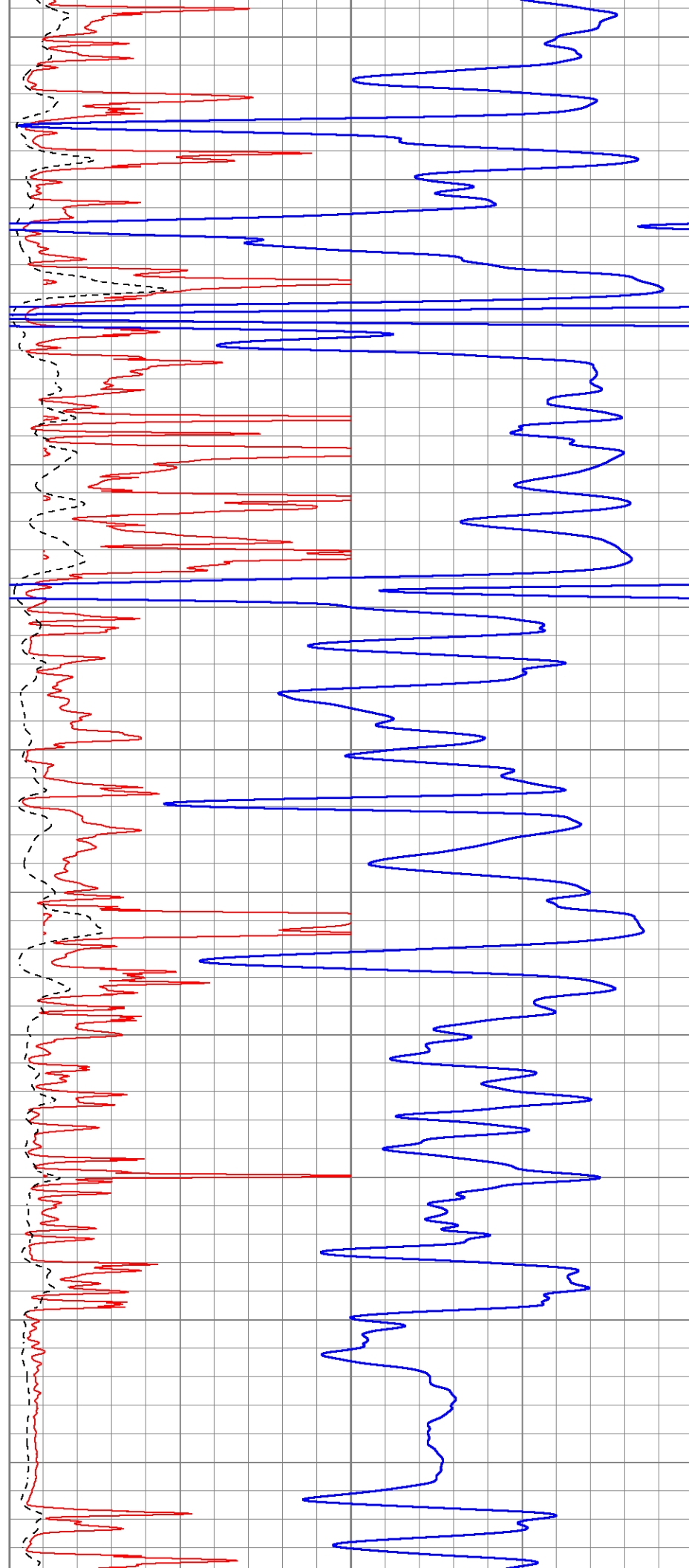
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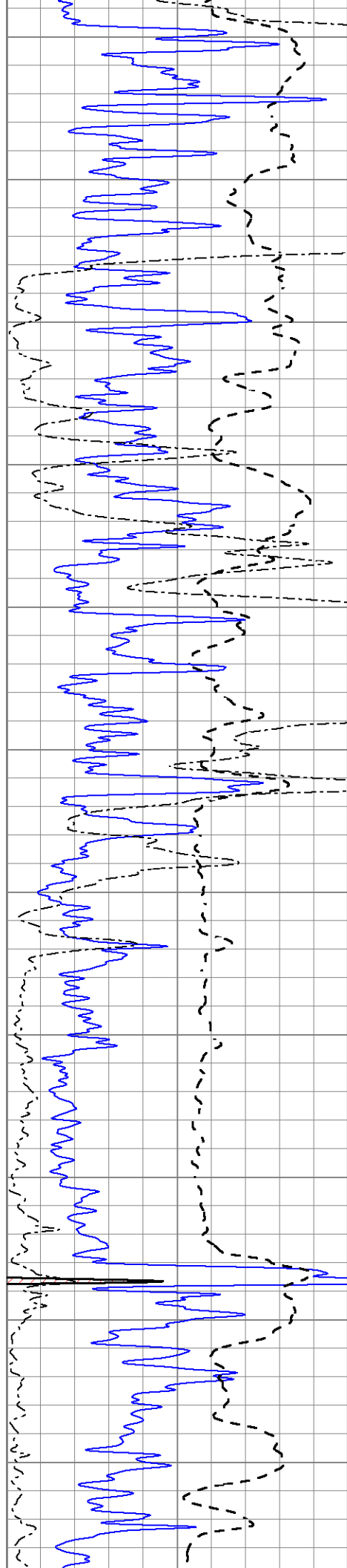
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3700





3750

3800

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4000

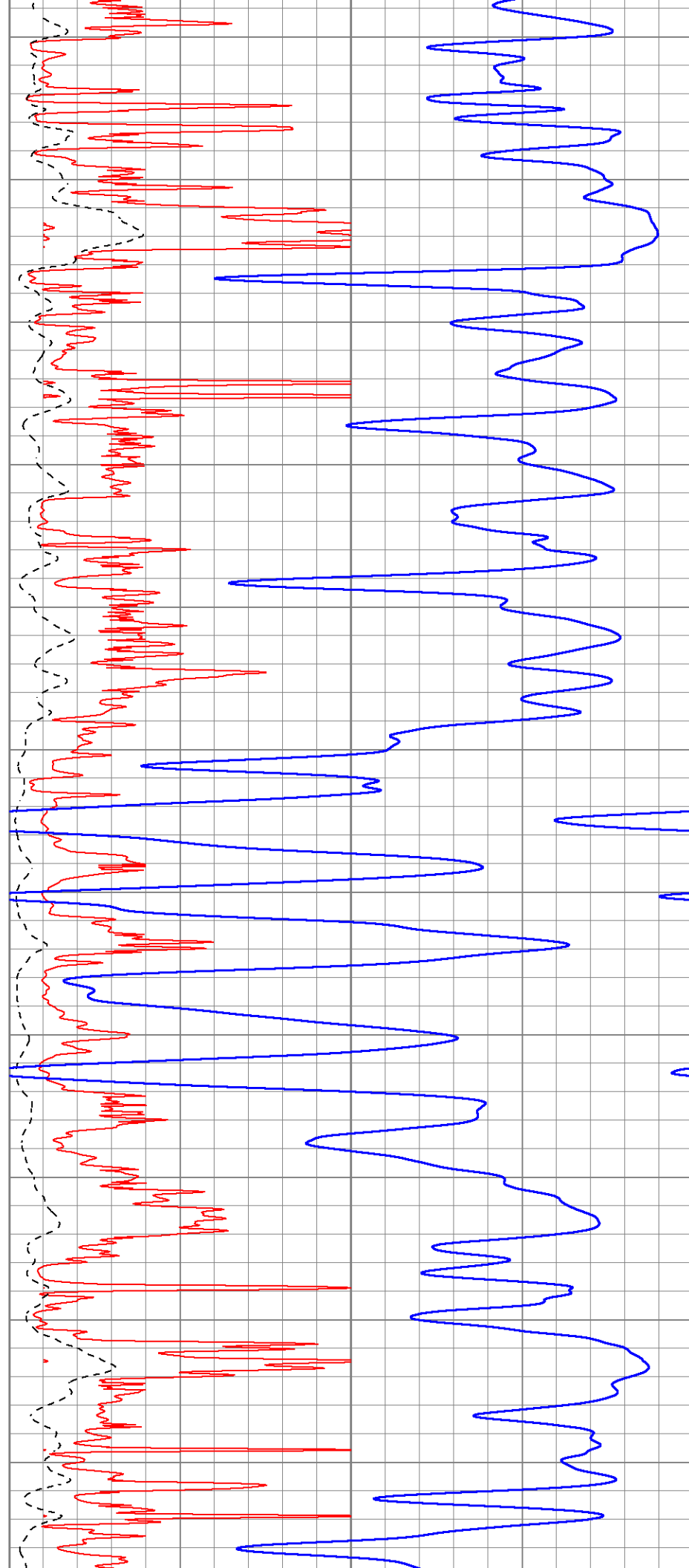
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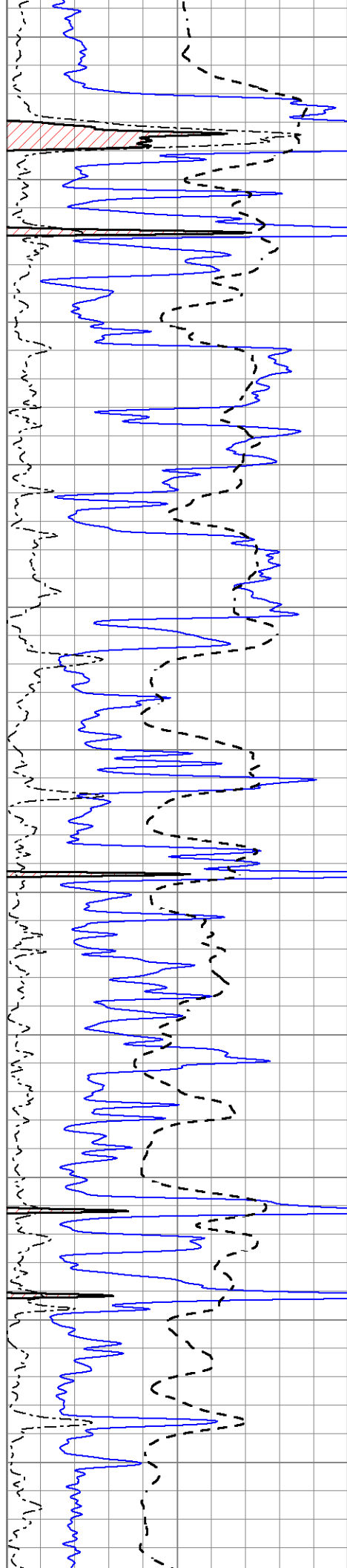
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4250





4300

4350

4400

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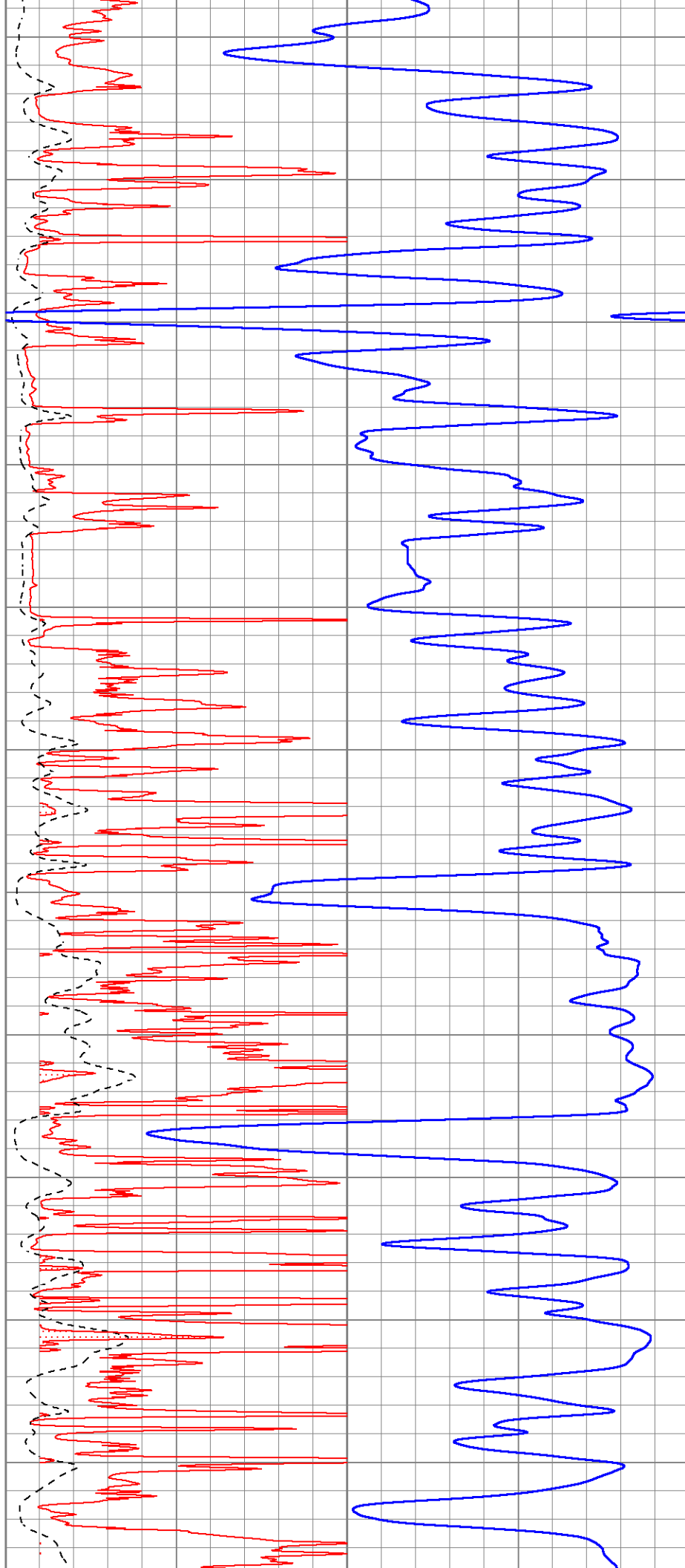
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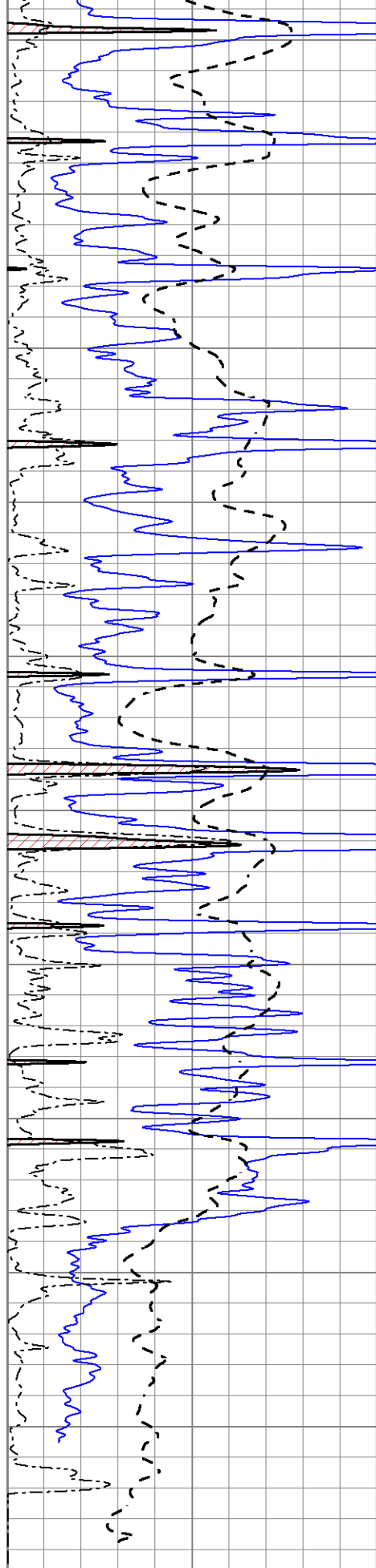
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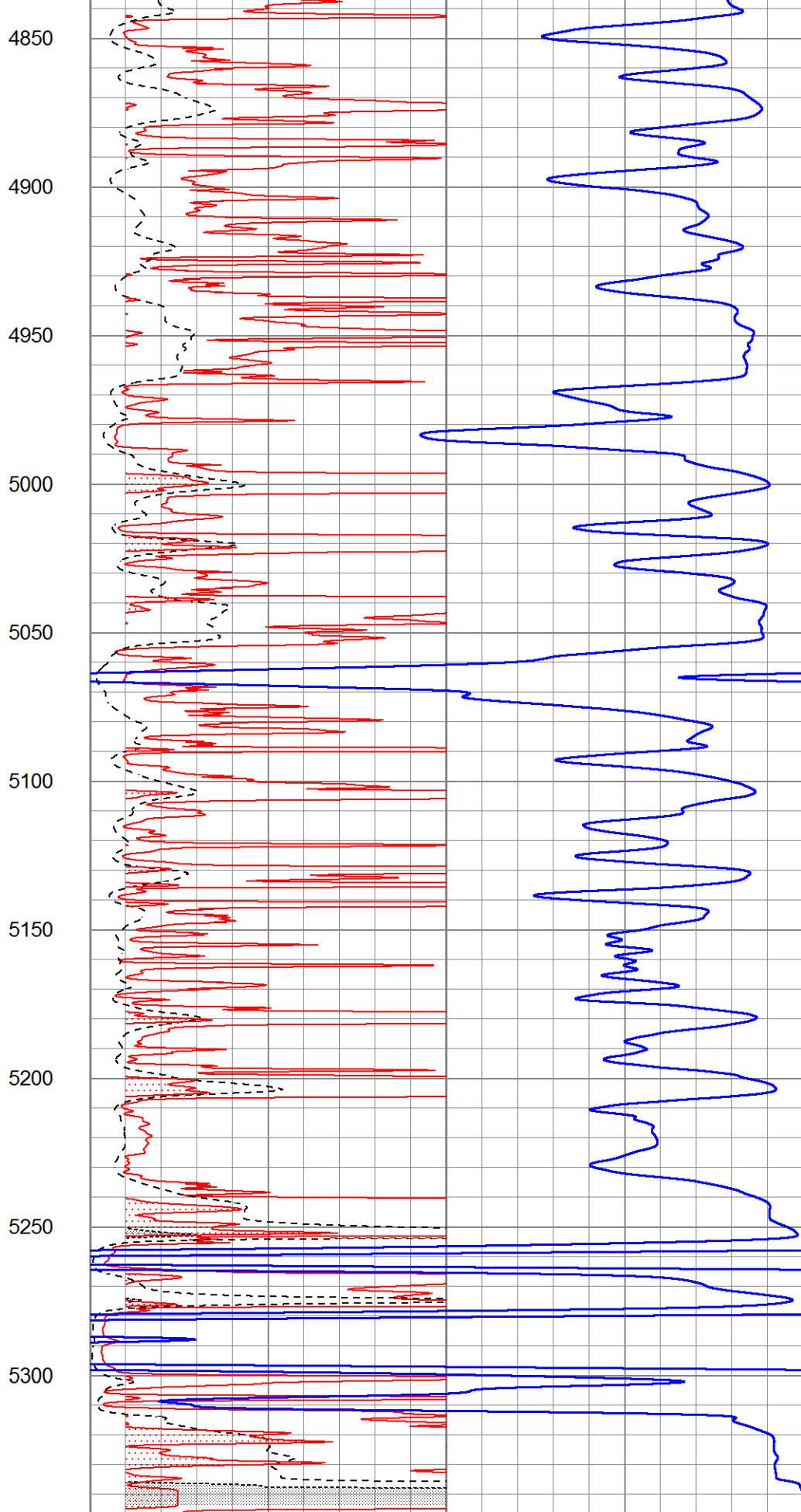
4750

4800





|      |                  |     |
|------|------------------|-----|
| 0    | Gamma Ray (GAPI) | 150 |
| -100 | SP (mV)          | 100 |
| 0    | RWA (Ohm-m)      | 1   |



|      |                  |     |
|------|------------------|-----|
| 1000 | CILD (mmho/m)    | 0   |
| 0    | RLL3 (Ohm-m)     | 50  |
| 0    | RILD (Ohm-m)     | 50  |
| 50   | RILD X10 (Ohm-m) | 500 |

|    |                  |     |
|----|------------------|-----|
| 50 | RLLD X10 (Ohm-m) | 500 |
| 50 | RLL3 X10 (Ohm-m) | 500 |

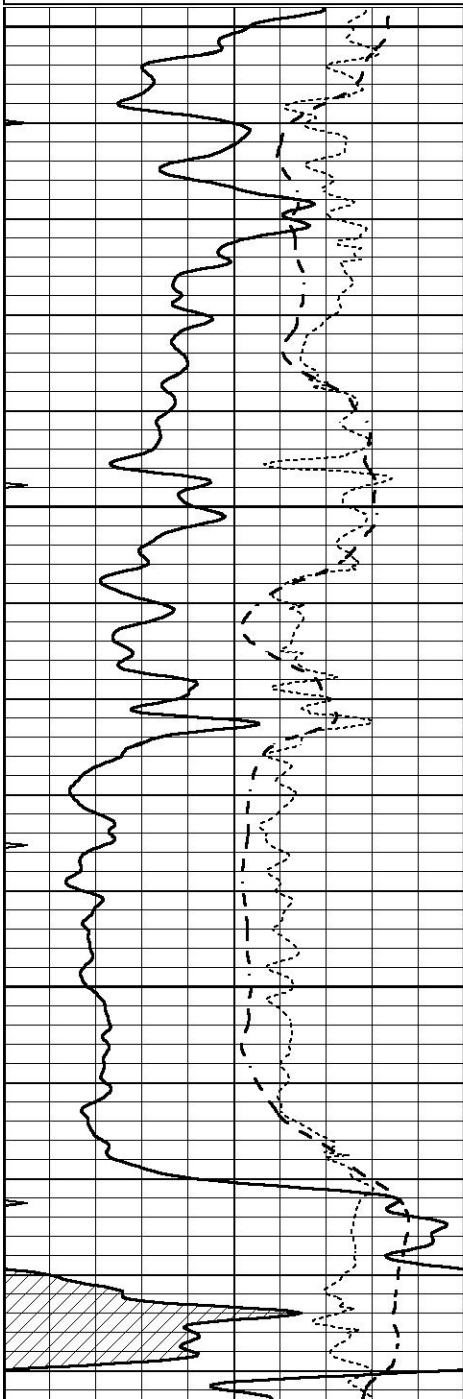


# MAIN SECTION

Database File 5671pe.db  
 Dataset Pathname pass3.1M  
 Presentation Format \_dil  
 Dataset Creation Sat Oct 16 15:04:19 2021  
 Charted by Depth in Feet scaled 1:240

|      |                  |     |
|------|------------------|-----|
| 0    | GAMMA RAY (GAPI) | 150 |
| -100 | SP (mV)          | 100 |
| -250 | Rxo/Rt           | 50  |
| 0    | MINMK            | 20  |

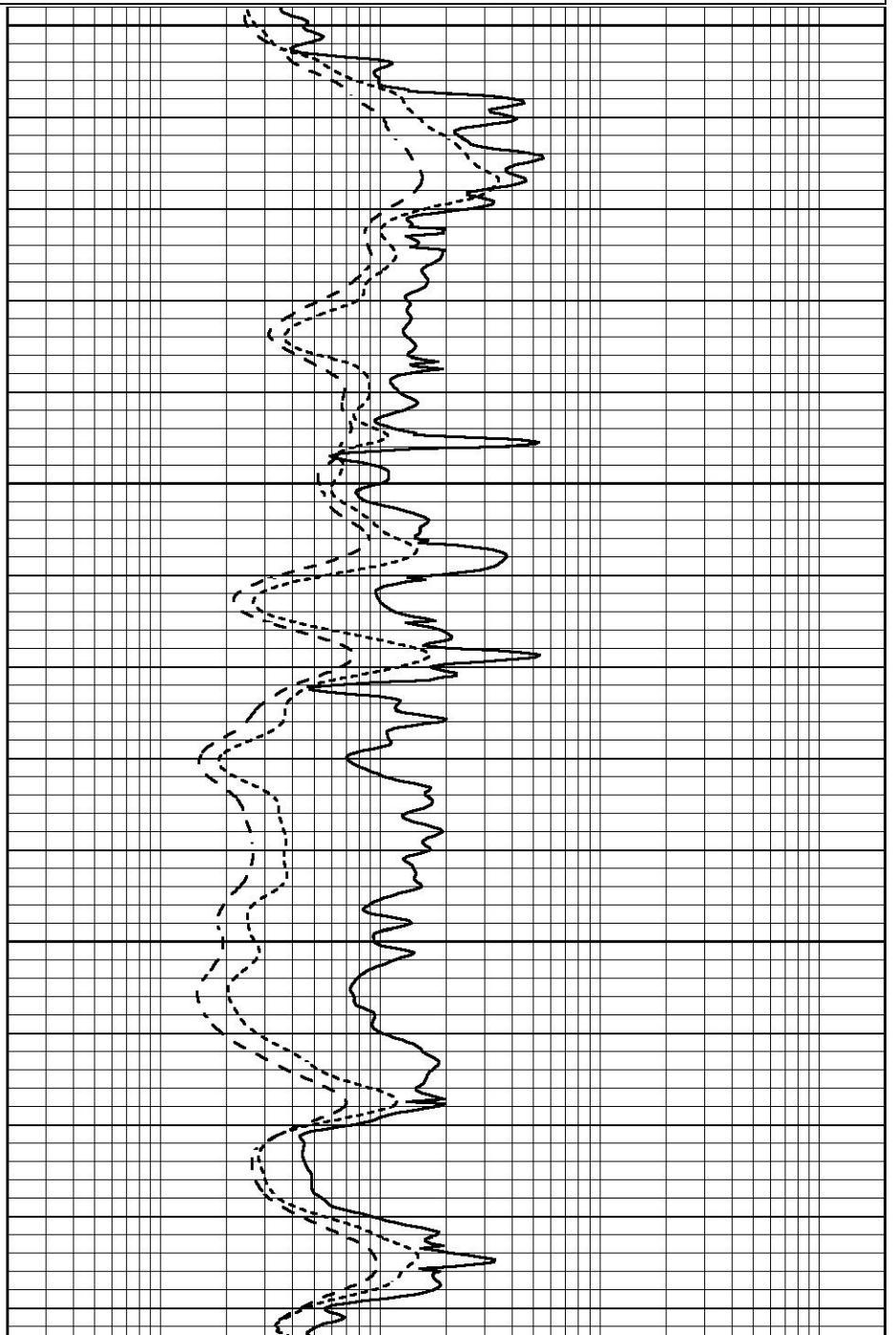
|     |                          |      |
|-----|--------------------------|------|
| 0.2 | SHALLOW GUARD (Ohm-m)    | 2000 |
| 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |
| 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |

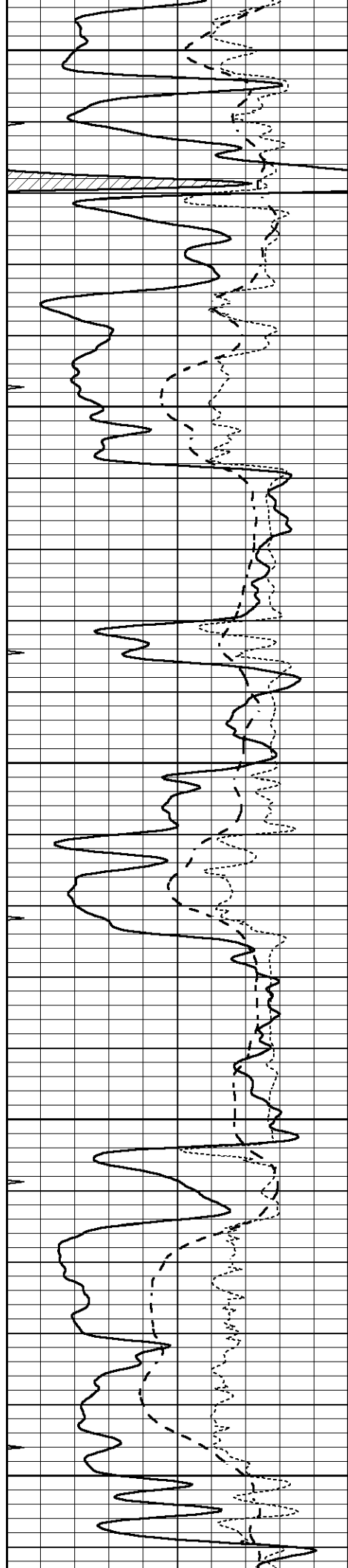


4200

4250

4300





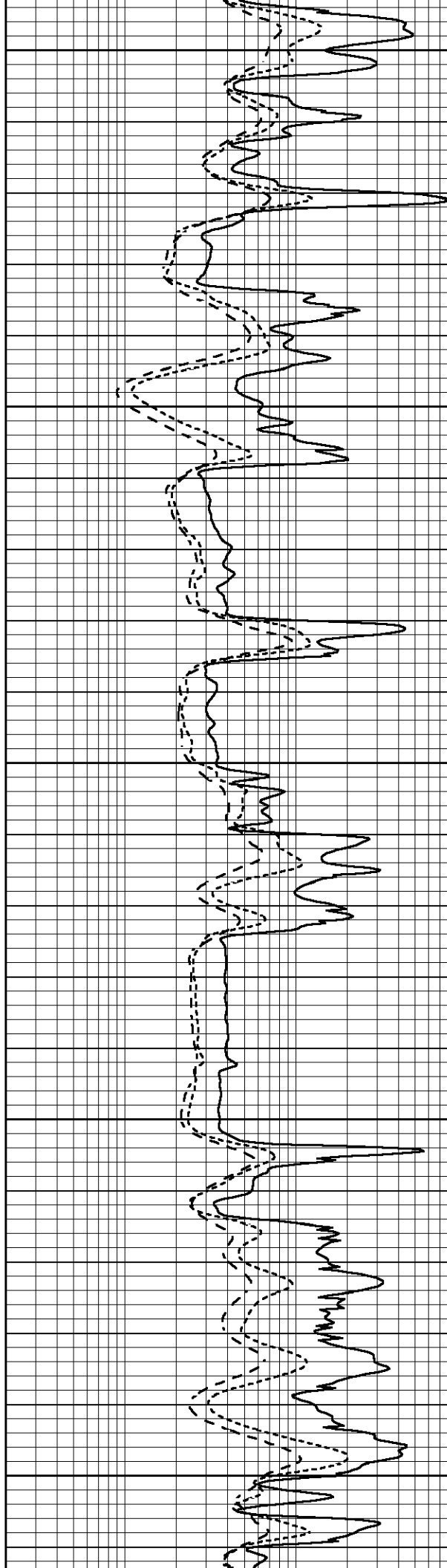
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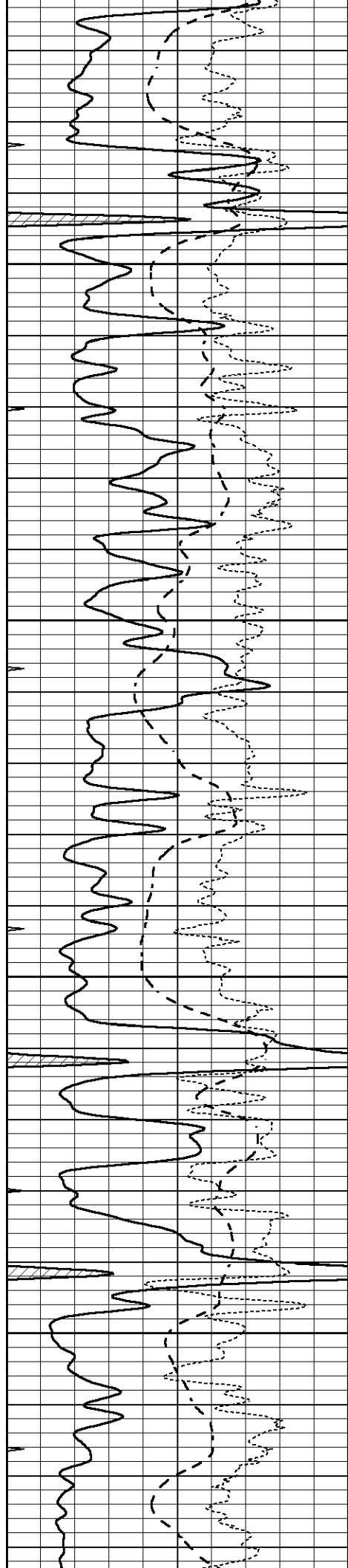
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4450

4500

4550



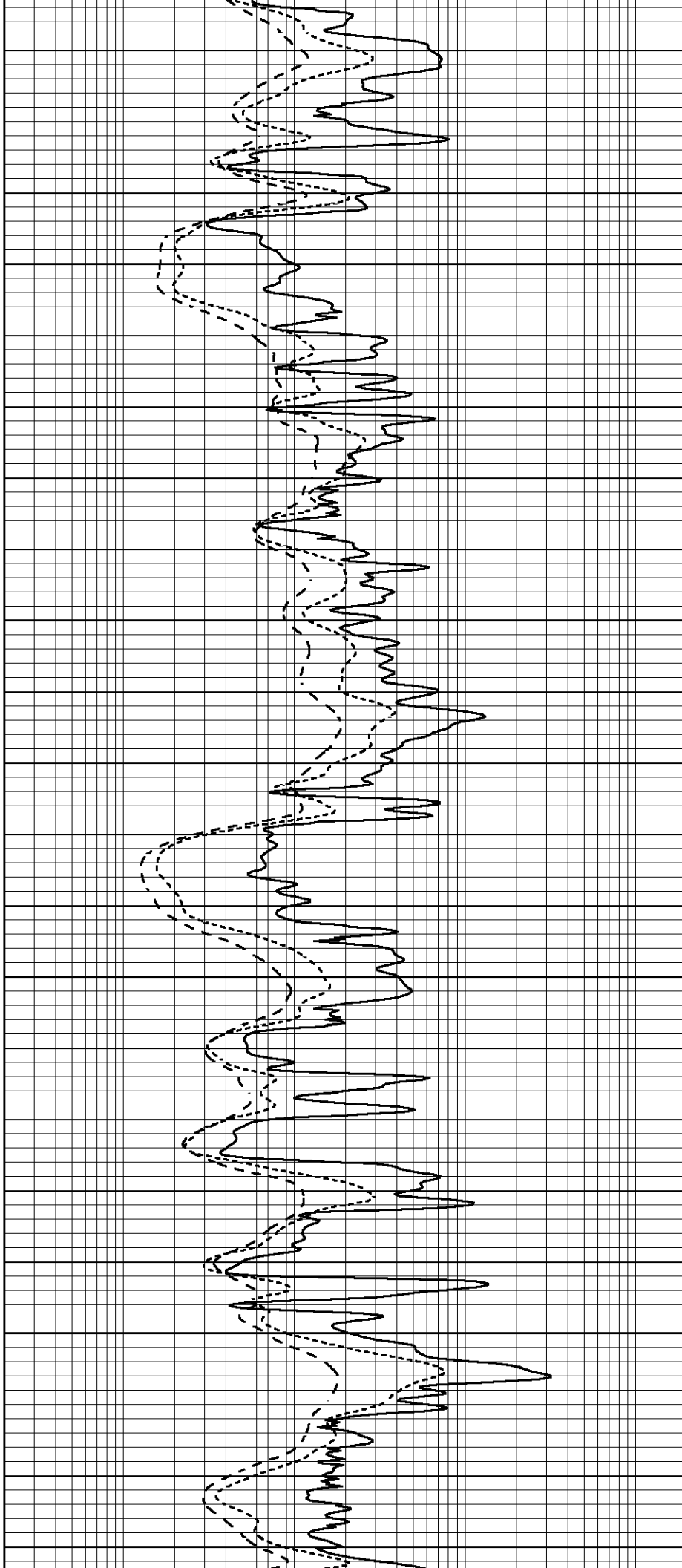


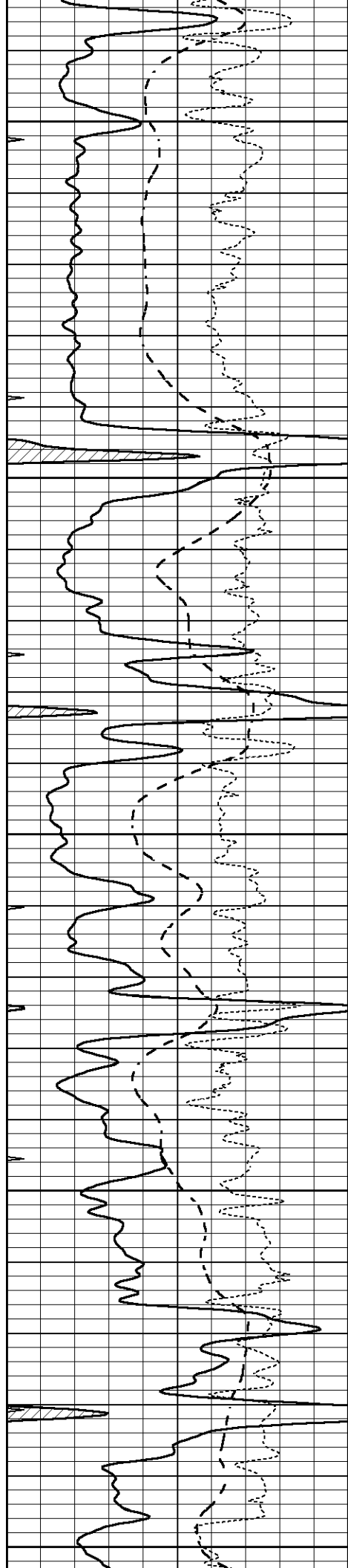
4600

4650

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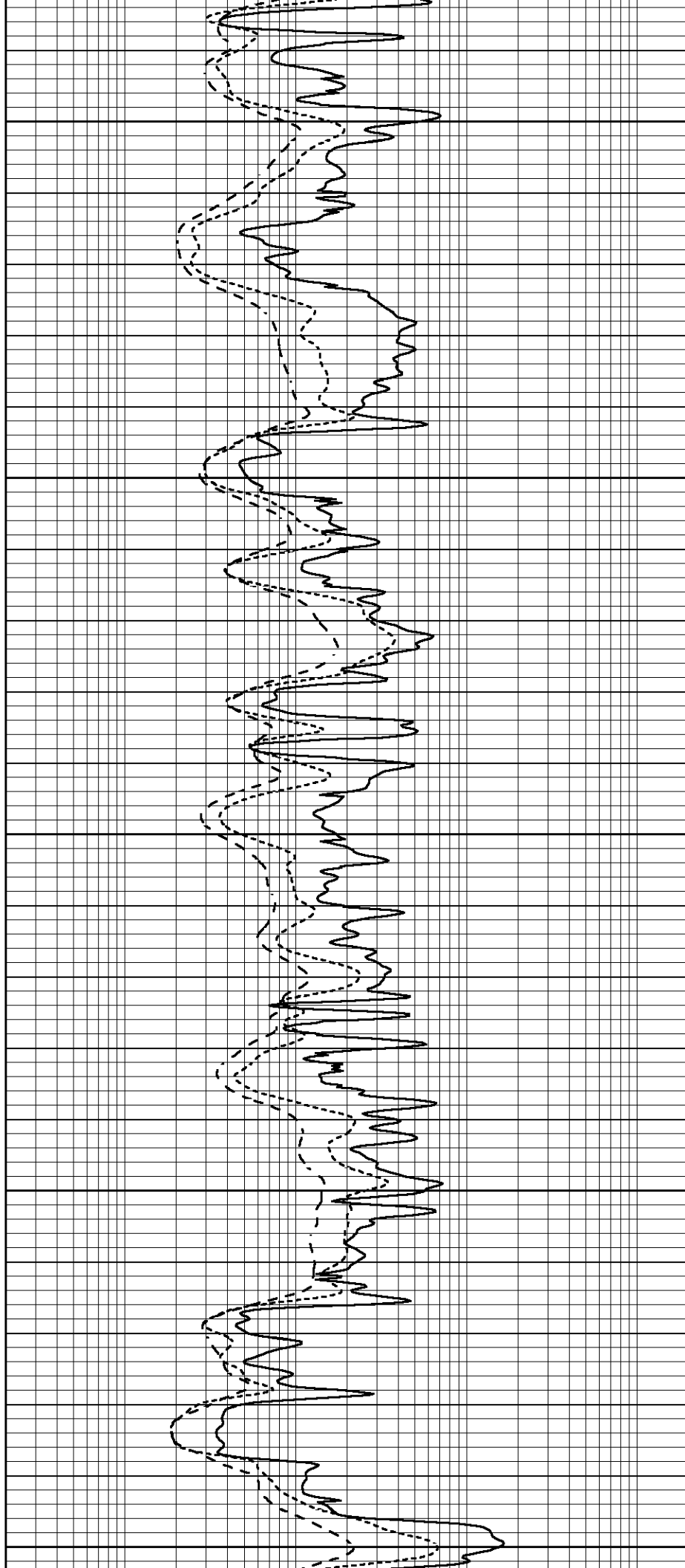
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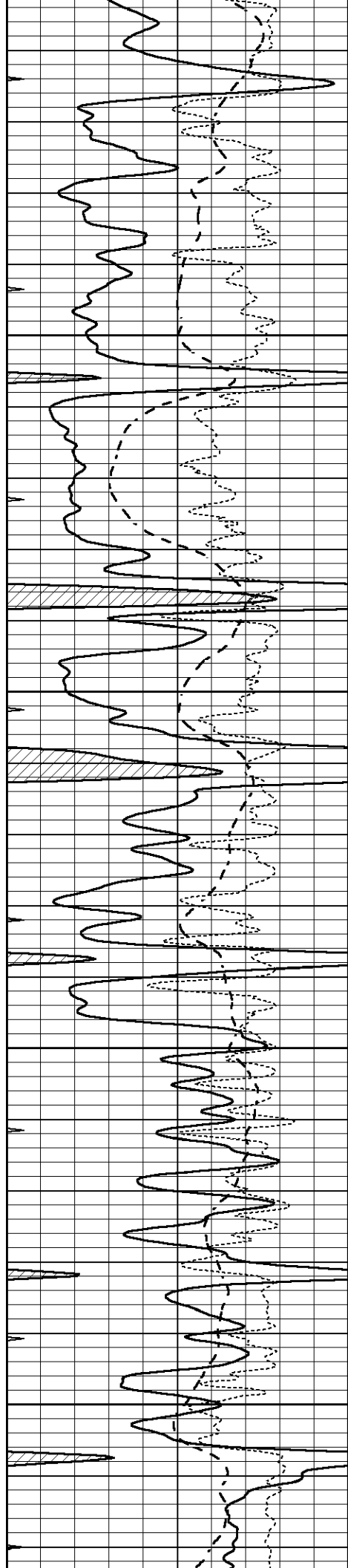
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4900

4950

5000



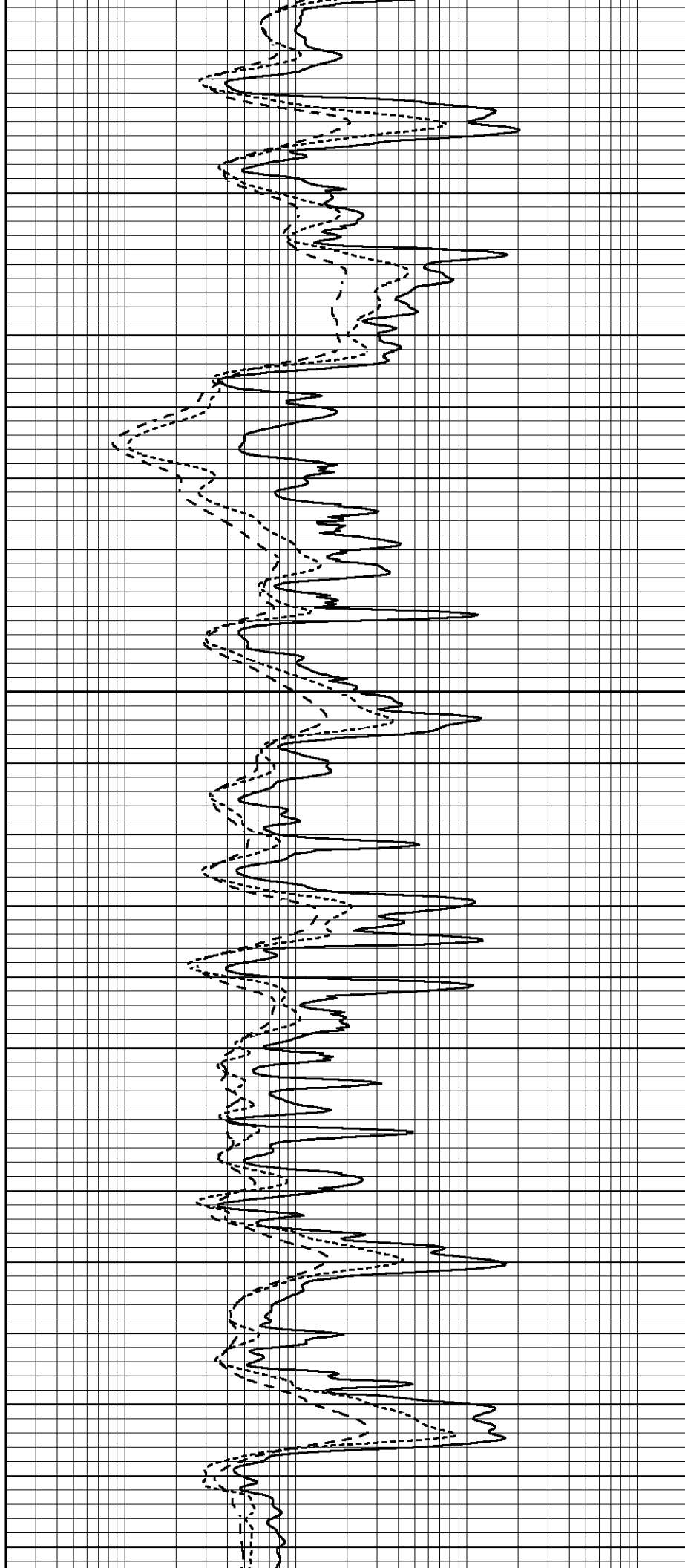


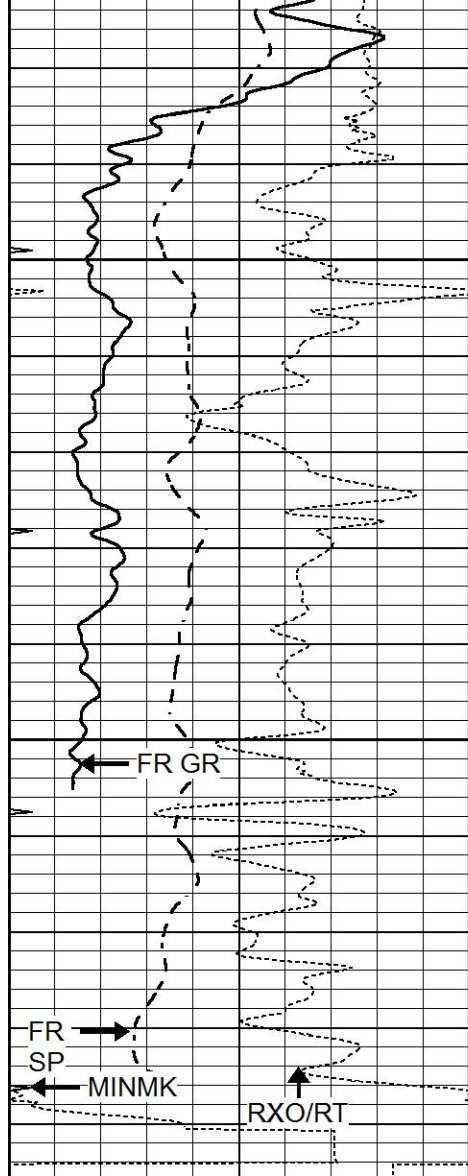
5050

5100

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5200



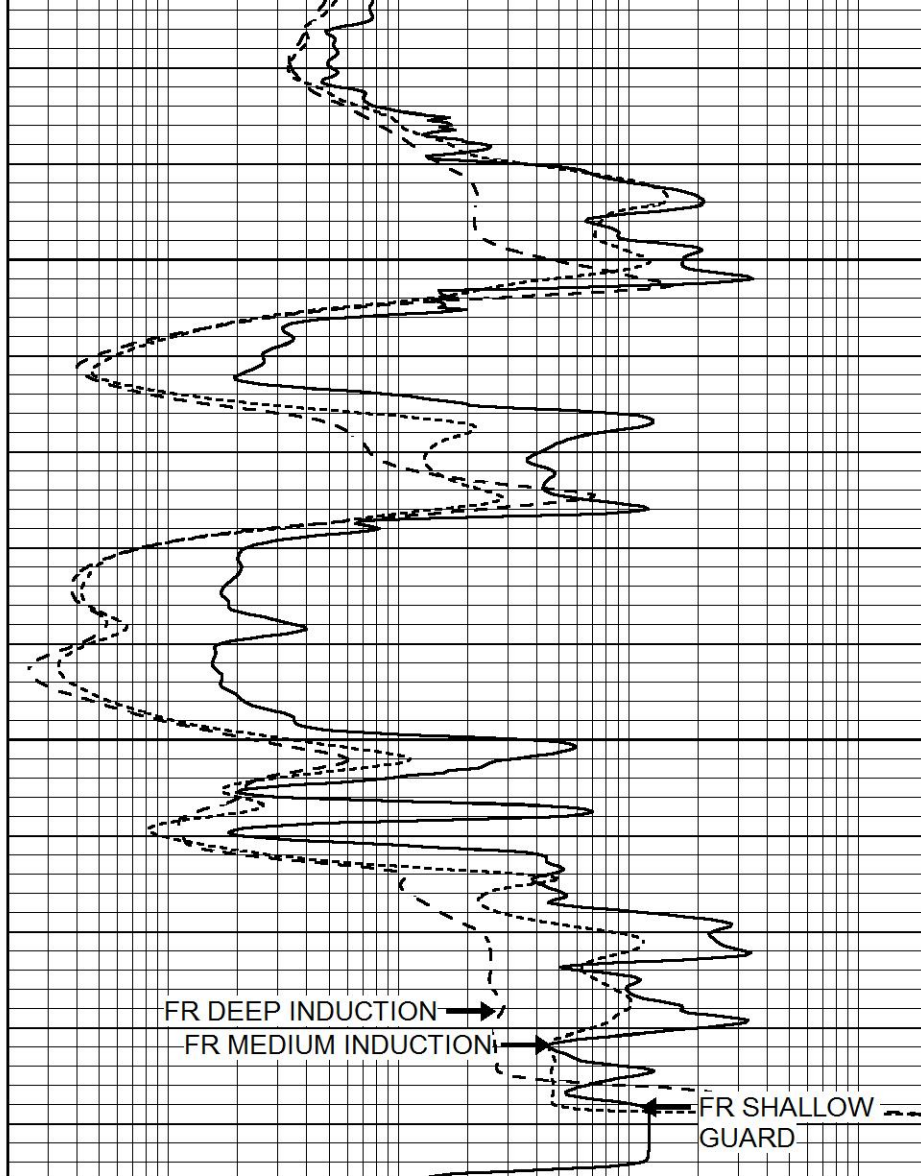


5250

5300

LTD 5340

|      |                  |     |
|------|------------------|-----|
| 0    | GAMMA RAY (GAPI) | 150 |
| -100 | SP (mV)          | 100 |
| -250 | Rxo/Rt           | 50  |
| 0    | MINMK            | 20  |



|     |                          |      |
|-----|--------------------------|------|
| 0.2 | SHALLOW GUARD (Ohm-m)    | 2000 |
| 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |
| 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |

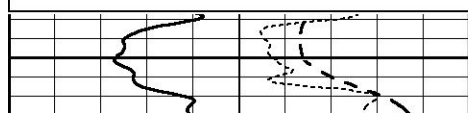


## REPEAT SECTION

Database File 5671pe.db  
 Dataset Pathname pass2.9R  
 Presentation Format \_dil  
 Dataset Creation Sat Oct 16 15:31:24 2021  
 Charted by Depth in Feet scaled 1:240

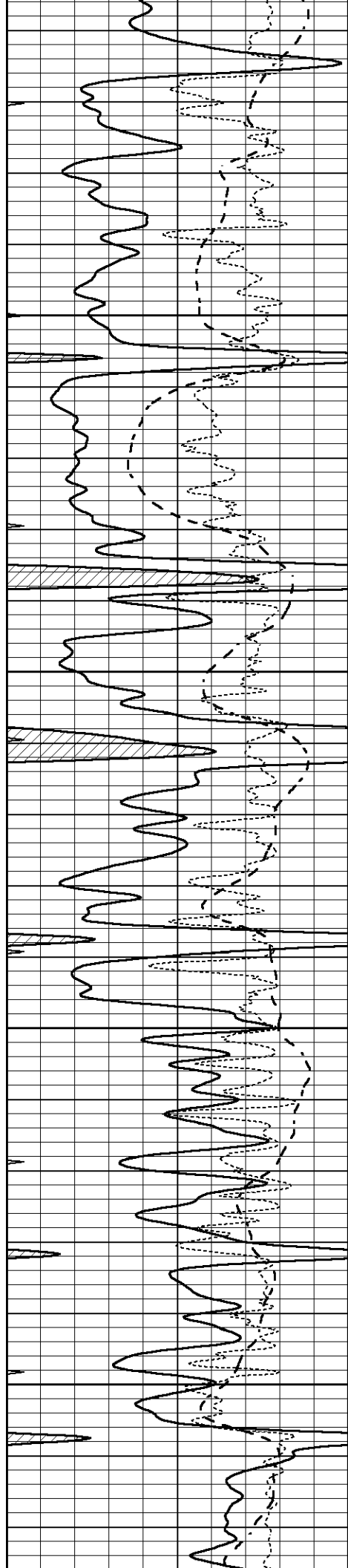
|      |                  |     |
|------|------------------|-----|
| 0    | GAMMA RAY (GAPI) | 150 |
| -100 | SP (mV)          | 100 |
| -250 | Rxo/Rt           | 50  |
| 0    | MINMK            | 20  |

|     |                          |      |
|-----|--------------------------|------|
| 0.2 | SHALLOW GUARD (Ohm-m)    | 2000 |
| 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |
| 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |



5000



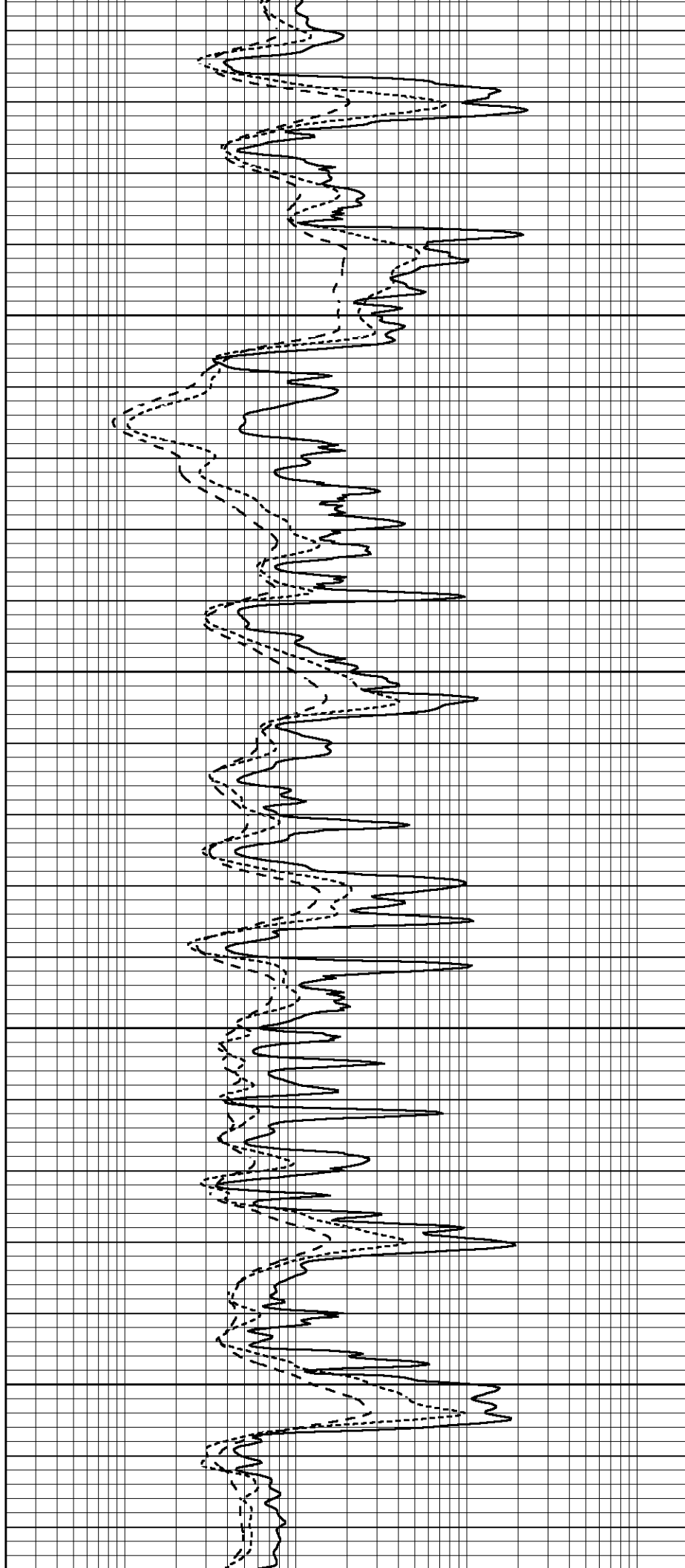


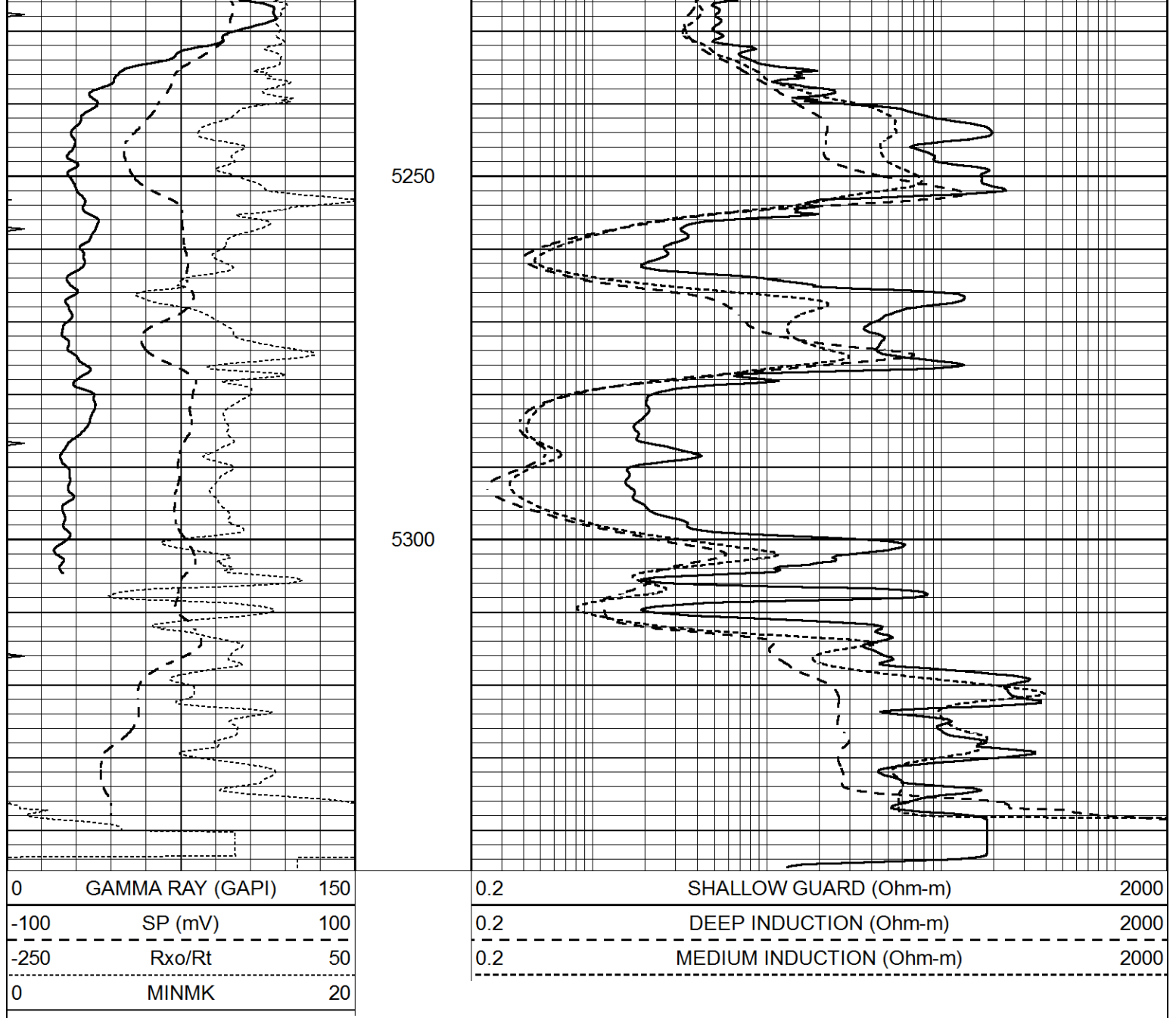
5050

5100

5150

5200





| Calibration Report                   |                          |       |   |            |                          |        |         |         |  |
|--------------------------------------|--------------------------|-------|---|------------|--------------------------|--------|---------|---------|--|
| Database File                        | 5671pe.db                |       |   |            |                          |        |         |         |  |
| Dataset Pathname                     | pass3.1M                 |       |   |            |                          |        |         |         |  |
| Dataset Creation                     | Sat Oct 16 15:04:19 2021 |       |   |            |                          |        |         |         |  |
| Dual Induction Calibration Report    |                          |       |   |            |                          |        |         |         |  |
| Serial-Model:                        |                          |       |   |            | PROBE9-DILG              |        |         |         |  |
| Surface Cal Performed:               |                          |       |   |            | Sat Oct 16 05:47:03 2021 |        |         |         |  |
| Downhole Cal Performed:              |                          |       |   |            | Wed Mar 11 11:31:19 2020 |        |         |         |  |
| After Survey Verification Performed: |                          |       |   |            | Wed Mar 11 11:31:22 2020 |        |         |         |  |
| Surface Calibration                  |                          |       |   |            |                          |        |         |         |  |
| Readings                             |                          |       |   | References |                          |        | Results |         |  |
| Loop:                                | Air                      | Loop  |   | Air        | Loop                     |        | m       | b       |  |
| Deep                                 | -0.014                   | 0.629 | V | 0.000      | 400.000                  | mmho/m | 720.000 | 2.000   |  |
| Medium                               | 0.039                    | 0.728 | V | 0.000      | 464.000                  | mmho/m | 720.000 | -28.000 |  |
| Internal:                            | Zero                     | Cal   |   | Zero       | Cal                      |        | m       | b       |  |
| Deep                                 | 0.011                    | 0.610 | V | 0.000      | 400.000                  | mmho/m | 667.135 | 7.256   |  |

|                                  |            |             |                                    |                     |          |             |         |        |
|----------------------------------|------------|-------------|------------------------------------|---------------------|----------|-------------|---------|--------|
| Deep                             | 0.011      | 0.010       | V                                  | 0.000               | 400.000  | mmho/m      | 607.155 | -7.250 |
| Medium                           | 0.005      | 0.712       | V                                  | 0.000               | 464.000  | mmho/m      | 655.677 | -3.102 |
| Downhole Calibration             |            |             |                                    |                     |          |             |         |        |
| Readings                         |            |             | References                         |                     |          | Results     |         |        |
|                                  | Zero       | Cal         |                                    | Zero                | Cal      |             | m'      | b'     |
| Deep                             | 0.000      | 0.000       | mmho/m                             | 14.508              | 388.384  | mmho/m      | 1.000   | 0.000  |
| Medium                           | 0.000      | 0.000       | mmho/m                             | 166.367             | 504.400  | mmho/m      | 1.000   | 0.000  |
| LL3                              |            | 7.500       | V                                  |                     | 1400.000 | Ohm-m       |         |        |
|                                  |            | 0.000       | V                                  |                     | 20.000   | Ohm-m       |         |        |
|                                  |            | -7.200      | V                                  |                     | 4000.000 | mmho-m      |         |        |
| After Survey Verification        |            |             |                                    |                     |          |             |         |        |
| Readings                         |            |             | Targets                            |                     |          | Results     |         |        |
|                                  | Zero       | Cal         |                                    | Zero                | Cal      |             | m'      | b'     |
| Deep                             | 0.000      | 0.000       | mmho/m                             | 0.000               | 0.000    | mmho/m      | 0.000   | 0.000  |
| Medium                           | 0.000      | 0.000       | mmho/m                             | 0.000               | 0.000    | mmho/m      | 0.000   | 0.000  |
| LL3                              |            | 1.000       | Ohm-m                              |                     | 1.000    | Ohm-m       |         |        |
|                                  |            | 0.000       | Ohm-m                              |                     | 0.000    | Ohm-m       |         |        |
|                                  |            | 1.000       | mmho-m                             |                     | 1.000    | mmho-m      |         |        |
| Litho Density Calibration Report |            |             |                                    |                     |          |             |         |        |
| Serial: 004      Model: PRB      |            |             |                                    |                     |          |             |         |        |
| Master Calibration               |            |             | Performed Tue May 18 11:02:48 2021 |                     |          |             |         |        |
|                                  | Background | Magnesium   |                                    | Aluminum            |          | Aluminum+Fe |         |        |
| Window 1                         | 1187.1     | 10004.0     |                                    | 3142.5              |          | 2810.8      |         | cps    |
| Window 2                         | 1084.9     | 8556.6      |                                    | 2749.3              |          | 2502.4      |         | cps    |
| Window 3                         | 923.1      | 5129.8      |                                    | 1819.8              |          | 1719.3      |         | cps    |
| Window 4                         | 263.5      | 263.6       |                                    | 259.7               |          | 262.8       |         | cps    |
| Long Space                       | 0.0        | 7471.7      |                                    | 1664.4              |          | 1417.5      |         | cps    |
| Short Space                      | 1.5        | 984.9       |                                    | 645.6               |          | 561.2       |         | cps    |
| Rho                              |            | 1.7100      |                                    | 2.5900              |          | 0.0000      |         | g/cc   |
| Pe                               |            | 2.0000      |                                    | 2.7500              |          | 5.7900      |         |        |
| Rib Angle                        | : 44.3     | Rib Slope   | : 0.976                            | Density/Spine Ratio |          | : 0.564     |         |        |
| Spine Angle                      | : 74.3     | Spine Slope | : 3.555                            | Spine Intercept     |          | : -15.6     |         |        |
| Before Survey Verification       |            |             | Performed Wed Dec 31 18:00:00 1969 |                     |          |             |         |        |
| Window 1                         | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Window 2                         | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Window 3                         | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Window 4                         | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Long Space                       | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Short Space                      | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Measured Rho                     |            | 0.0000      |                                    | 0.0000              |          | 0.0000      |         | g/cc   |
| Measured Correction              |            | 0.0000      |                                    | 0.0000              |          | 0.0000      |         | g/cc   |
| Measured Pe                      |            |             |                                    | 0.0000              |          | 0.0000      |         |        |
| After Survey Verification        |            |             | Performed Wed Dec 31 18:00:00 1969 |                     |          |             |         |        |
| Window 1                         | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Window 2                         | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Window 3                         | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Window 4                         | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |
| Long Space                       | 0.0        | 0.0         |                                    | 0.0                 |          | 0.0         |         | cps    |

|                                        |                          |           |        |      |
|----------------------------------------|--------------------------|-----------|--------|------|
| Short Space                            | 0.0                      | 0.0       | 0.0    | cps  |
| Measured Rho                           | 0.0000                   | 0.0000    | 0.0000 | g/cc |
| Measured Correction                    | 0.0000                   | 0.0000    | 0.0000 | g/cc |
| Measured Pe                            |                          | 0.0000    | 0.0000 |      |
|                                        |                          |           |        |      |
| Compensated Neutron Calibration Report |                          |           |        |      |
| Serial Number:                         |                          | 070808PMC |        |      |
| Tool Model:                            |                          | NABORS    |        |      |
| PRE-SURVEY VERIFICATION                |                          |           |        |      |
| Detector                               | Readings                 | Measured  | Target |      |
| Short Space                            | cps                      |           |        |      |
| Long Space                             | cps                      | pu        | pu     |      |
| POST-SURVEY VERIFICATION               |                          |           |        |      |
| Detector                               | Readings                 | Measured  | Target |      |
| Short Space                            | cps                      |           |        |      |
| Long Space                             | cps                      | pu        | pu     |      |
| Gamma Ray Calibration Report           |                          |           |        |      |
| Serial Number:                         | 070558                   |           |        |      |
| Tool Model:                            | OPEN_GR                  |           |        |      |
| Performed:                             | Fri Sep 03 05:25:49 2021 |           |        |      |
| Calibrator Value:                      | 1.0                      | GAPI      |        |      |
| Background Reading:                    | 0.0                      | cps       |        |      |
| Calibrator Reading:                    | 1.0                      | cps       |        |      |
| Sensitivity:                           | 0.2800                   | GAPI/cps  |        |      |