



RADIAL CEMENT BOND
GAMMA RAY
CCL

| | | | | | | | |
|------------------------|------|--------------------------|-----|--------|--------|------|----|
| Company | | VERDAD OIL AND GAS CORP. | | | | | |
| Well | | HOMESTEAD 19 | | | | | |
| Field | | WATTENBERG | | | | | |
| County | | WELD | | | | | |
| State | | COLORADO | | | | | |
| Location: | | API # : | | | | | |
| SEC 34 TWP 1N RGE 66W | | Elevation 5132' | | | | | |
| Permanent Datum | | GL | | | | | |
| Log Measured From | | KB 16' | | | | | |
| Drilling Measured From | | KB | | | | | |
| Other Services | | Elevation | | | | | |
| | | K.B. 5148' | | | | | |
| | | D.F. 5147' | | | | | |
| | | G.L. 5132 | | | | | |
| Date | | 10-2-2017 | | | | | |
| Run Number | | ONE | | | | | |
| Depth Driller | | 14532' | | | | | |
| Depth Logger | | 7657' | | | | | |
| Bottom Logged Interval | | 7657' | | | | | |
| Top Log Interval | | SURFACE | | | | | |
| Open Hole Size | | 8 3/4" | | | | | |
| Type Fluid | | WATER | | | | | |
| Density / Viscosity | | 1 | | | | | |
| Max. Recorded Temp. | | 218' | | | | | |
| Estimated Cement Top | | 42' | | | | | |
| Time Well Ready | | NA | | | | | |
| Time Logger on Bottom | | NA | | | | | |
| Equipment Number | | W-062 | | | | | |
| Location | | WINDSOR, CO | | | | | |
| Recorded By | | A. STEERMAN | | | | | |
| Witnessed By | | | | | | | |
| Borehole Record | | Tubing Record | | | | | |
| Run Number | Bit | From | To | Size | Weight | From | To |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Casing Record | Size | Wgt/Ft | Top | Bottom | | | |
| Surface String | | | | | | | |
| Prot. String | | | | | | | |
| Production String | | | | | | | |
| Liner | | | | | | | |

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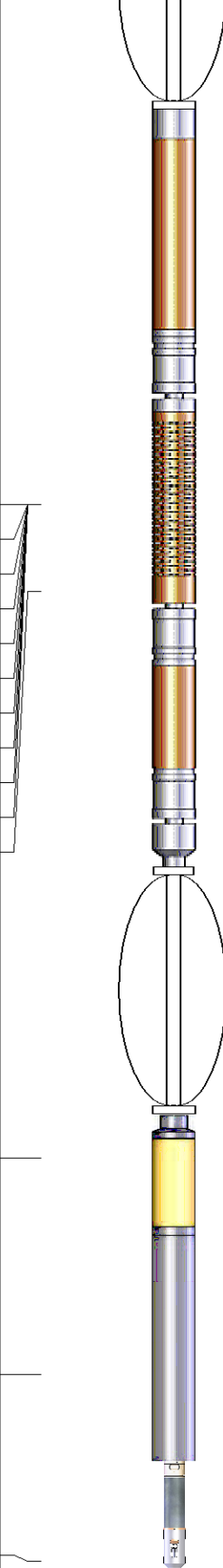
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
MARKER JOINT @ 6913'

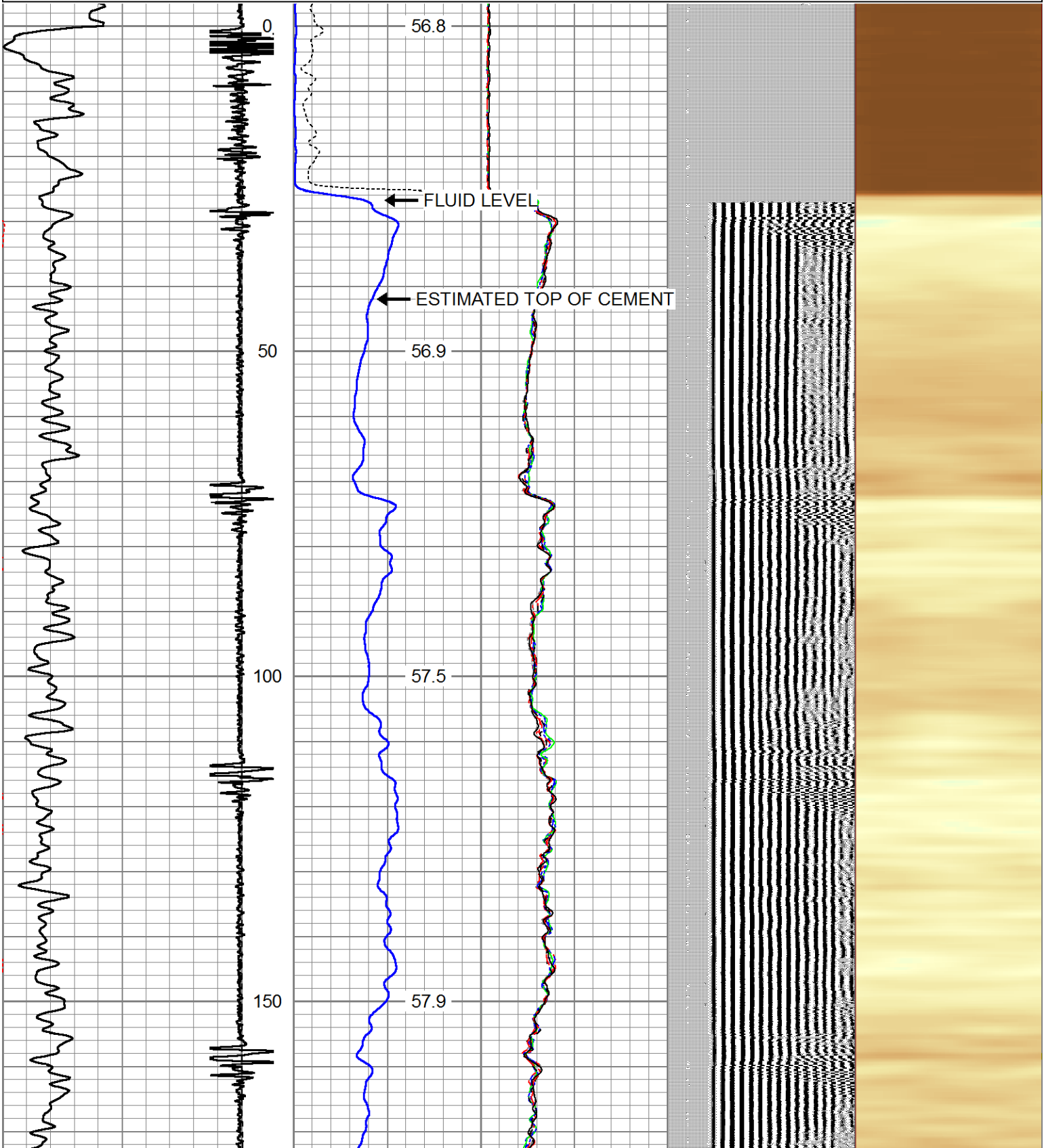
THANK YOU FOR USING CUTTERS WIRELINE

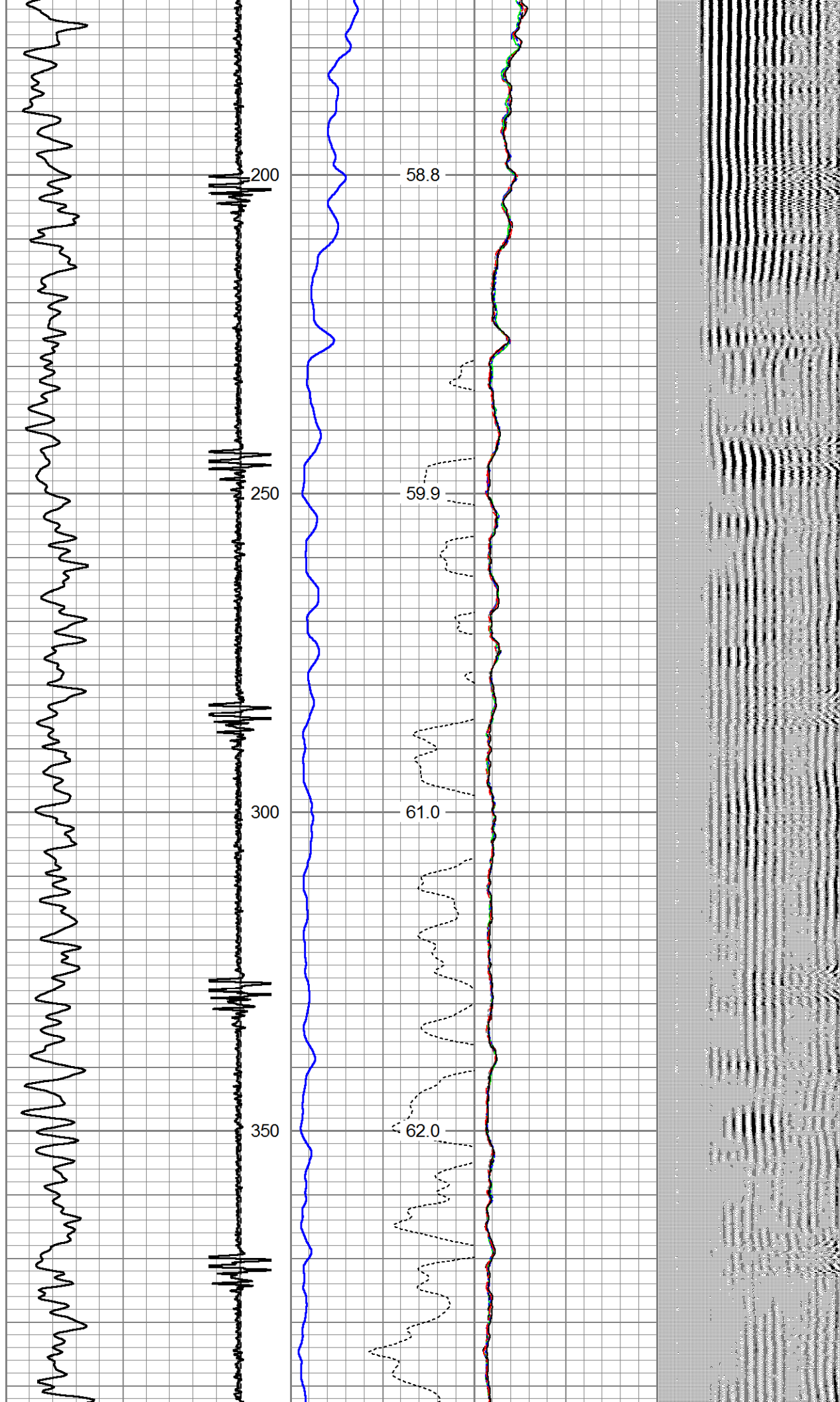
| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|--------|-------------|-----------|-------------|----------|---------|---------|
| | | | Probe | 2.88 | 2.75 | 20.00 |

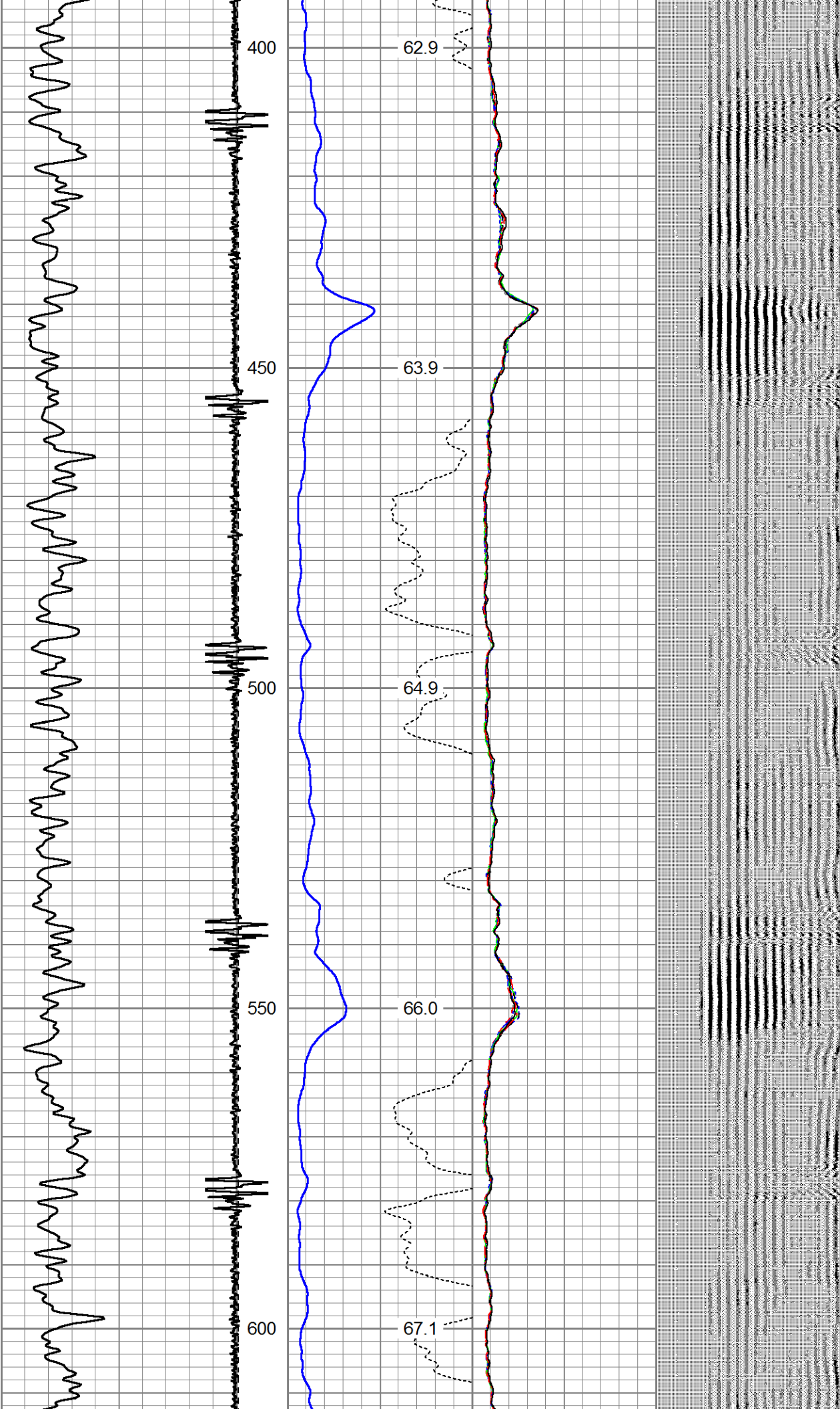
| | | | | | | |
|---|-------|--|--|------|------|-------|
| | | | Probe 2 3/4 Centralizer | | | |
| WVF3FT | 12.31 |  | RBT-Probe (060112_55) Probe 2.75" Radii Bond Tool | 8.75 | 2.75 | 90.00 |
| WVFCAL | 12.31 | | | | | |
| WVFS1 | 12.31 | | | | | |
| WVFS2 | 12.31 | | | | | |
| WVFS3 | 12.31 | | | | | |
| WVFS4 | 12.31 | | | | | |
| WVFS5 | 12.31 | | | | | |
| WVFS6 | 12.31 | | | | | |
| WVFS7 | 12.31 | | | | | |
| WVFS8 | 12.31 | | | | | |
| WVF5FT | 11.31 | | | | | |
| | | | Probe Probe 2 3/4 Centralizer | 2.88 | 2.75 | 20.00 |
| CCL | 4.75 | | | | | |
| | | | GR-Probe (060109) Probe 2.75" 4 Channel Pulse | 4.00 | 2.75 | 30.00 |
| GR | 2.25 | | | | | |
| | | | TEMP-1.375TEMP (060110) Temperature Tool | 1.25 | 1.38 | 30.00 |
| TEMP | 0.08 | | | | | |
| Dataset: homestead 19.db: field/well/run1/pass10 Total Length: 19.75 ft Total Weight: 190.00 lb O.D. 2.75 in | | | | | | |

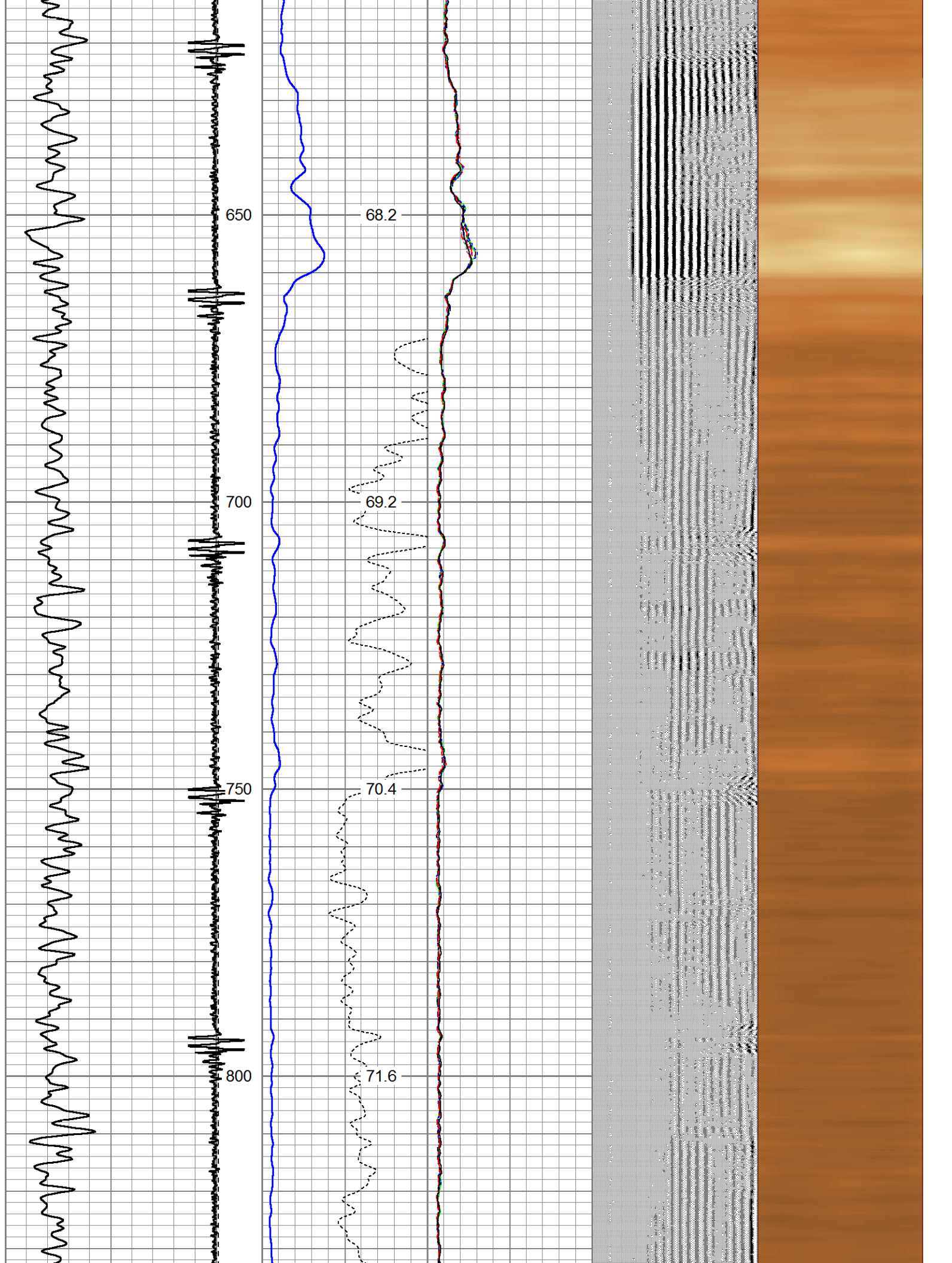
Database File: homestead 19.db
 Dataset Pathname: pass10
 Presentation Format: rbl55
 Dataset Creation: Mon Oct 02 14:53:07 2017 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

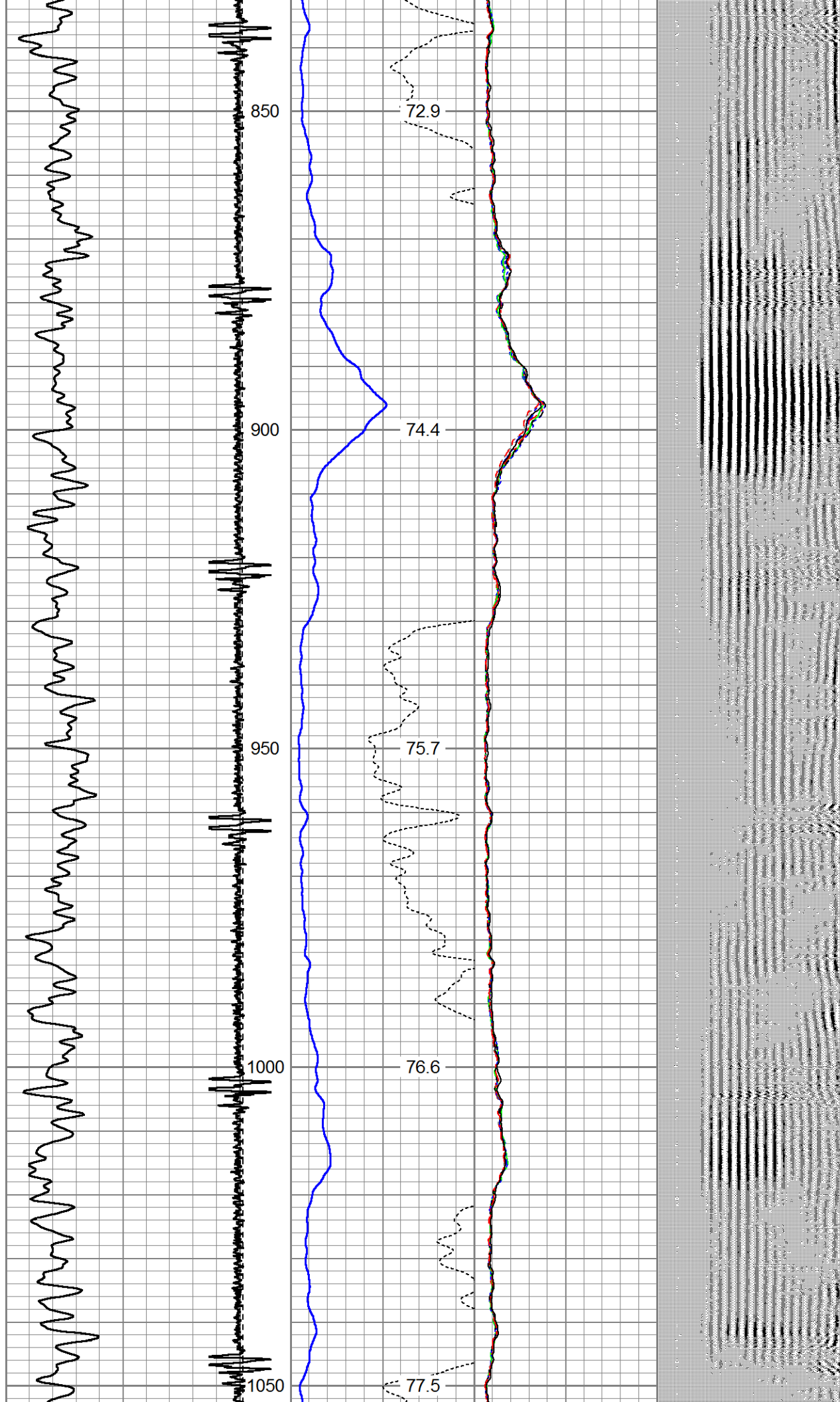
| | | | | | | | | | | | | | |
|-------------|-----------|----------------------------|------|--------|---------------------|-----|----|-------|-----|-----|-----|------|------------|
| Charted by: | | Depth in Feet scaled 1.240 | | | | | | | | | | | |
| 325 | TT (usec) | 225 | LTEN | 0 | Amplitude (mV) | 100 | -5 | AMPS2 | 150 | 200 | VDL | 1200 | Cement Map |
| 0 | GR (GAPI) | 250 | (lb) | 0 | Amplified Amplitude | | -5 | AMPS3 | 150 | | | | |
| | | | | 0 | (mV) | 10 | -5 | AMPS4 | 150 | | | | |
| | | | | TEMP | | | -5 | AMPS5 | 150 | | | | |
| | | | | (degF) | | | -5 | AMPS6 | 150 | | | | |
| | | | | | | | -5 | AMPS7 | 150 | | | | |
| | | | | | | | -5 | AMPS8 | 150 | | | | |
| | | | | | | | -5 | AMPS1 | 150 | | | | |

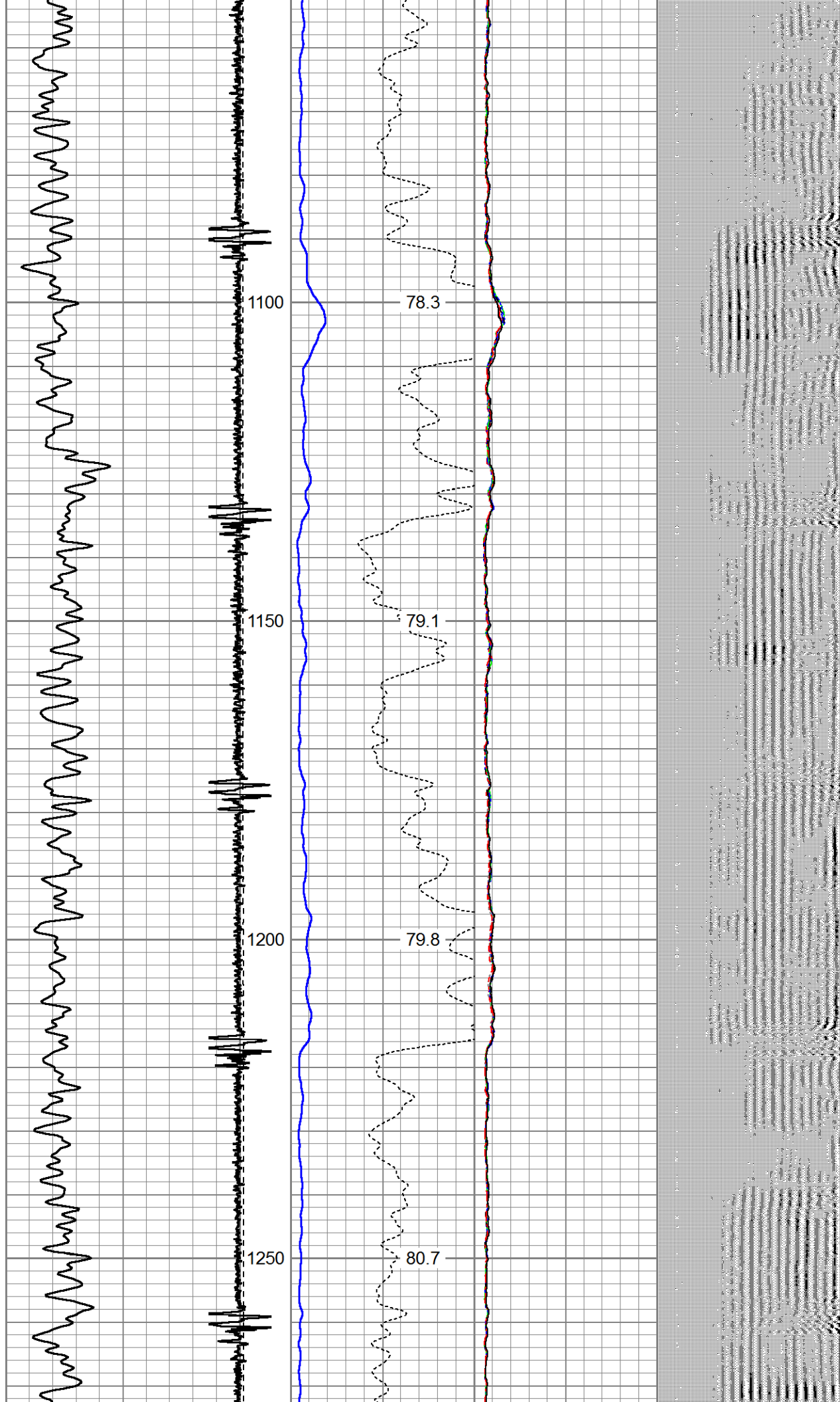


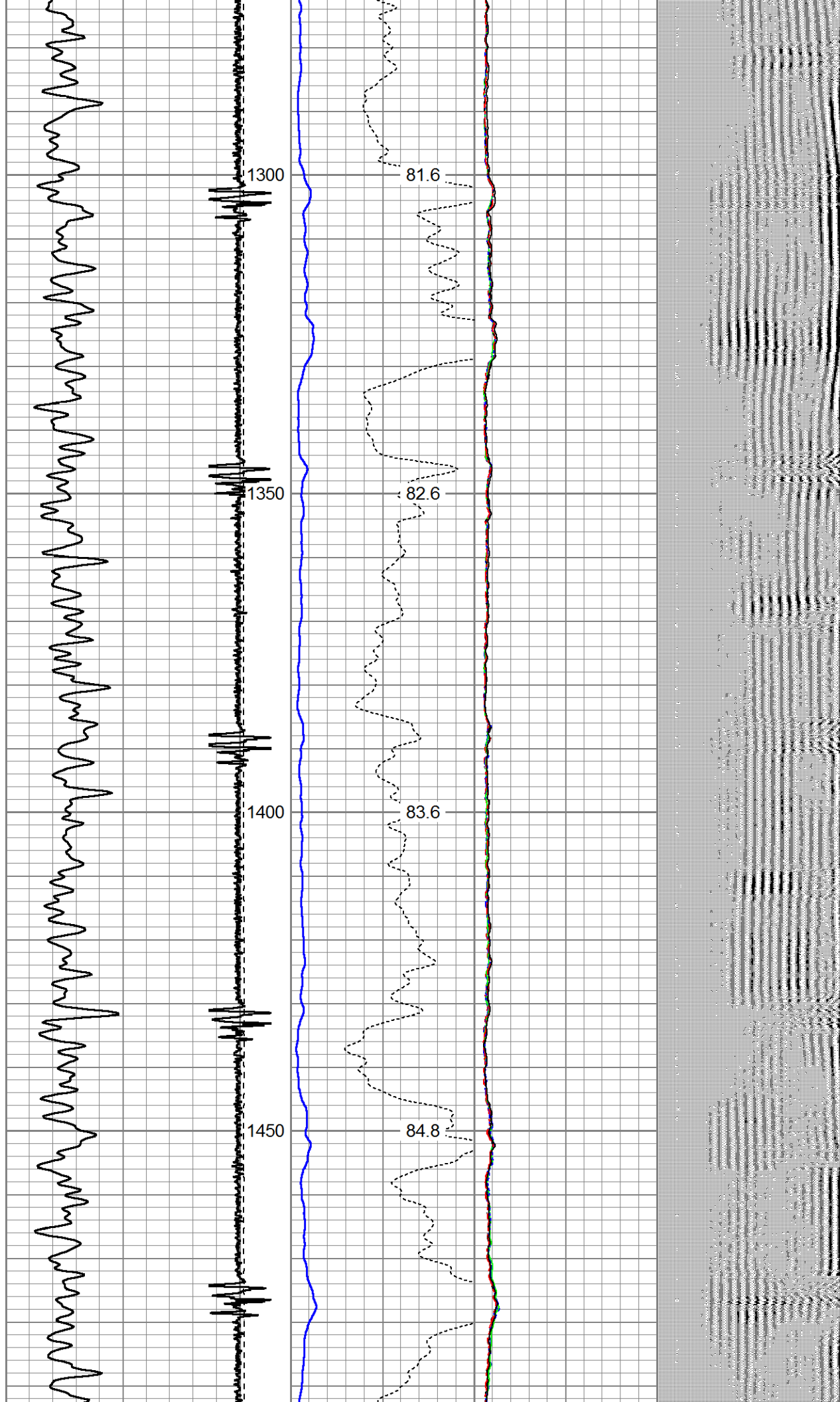


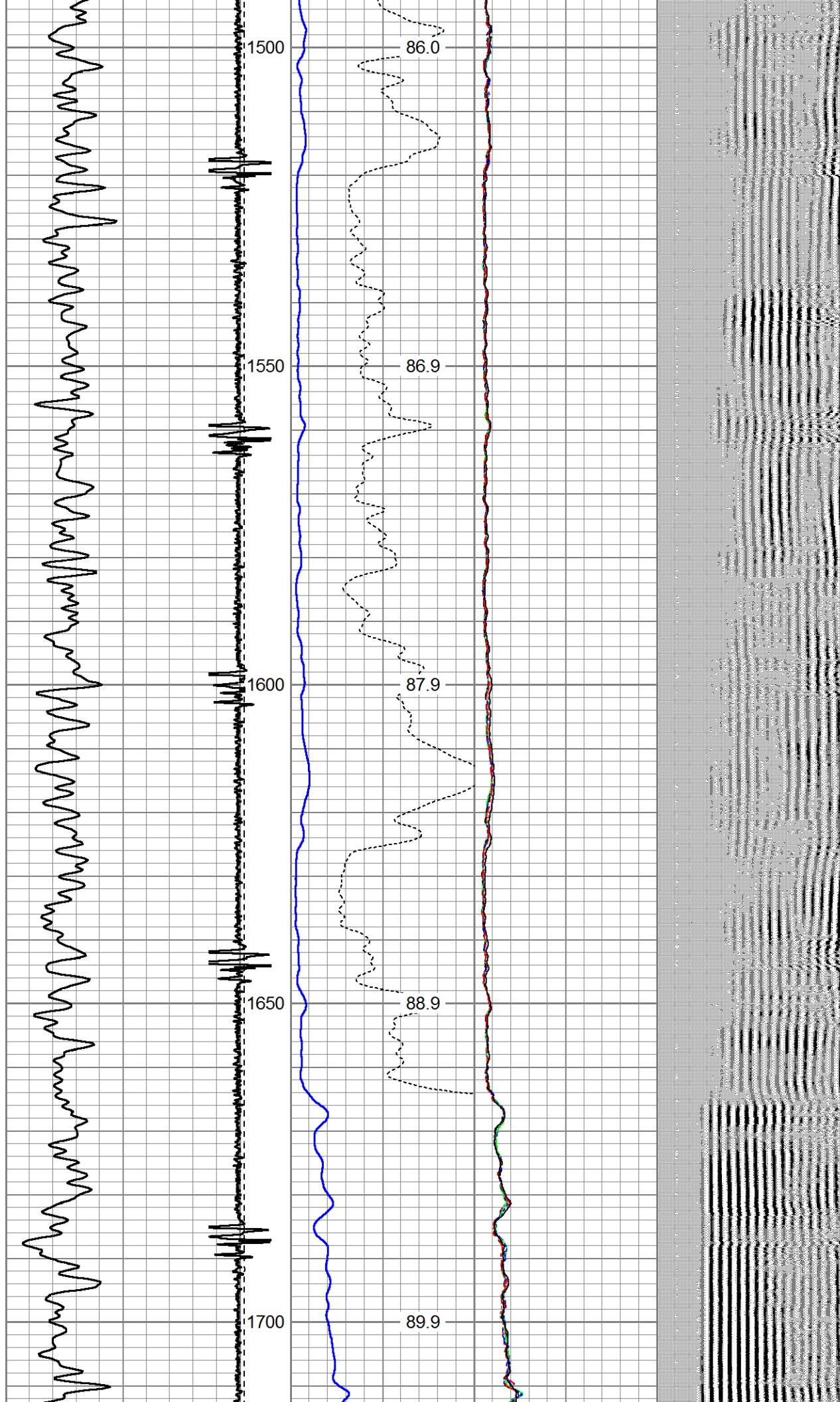


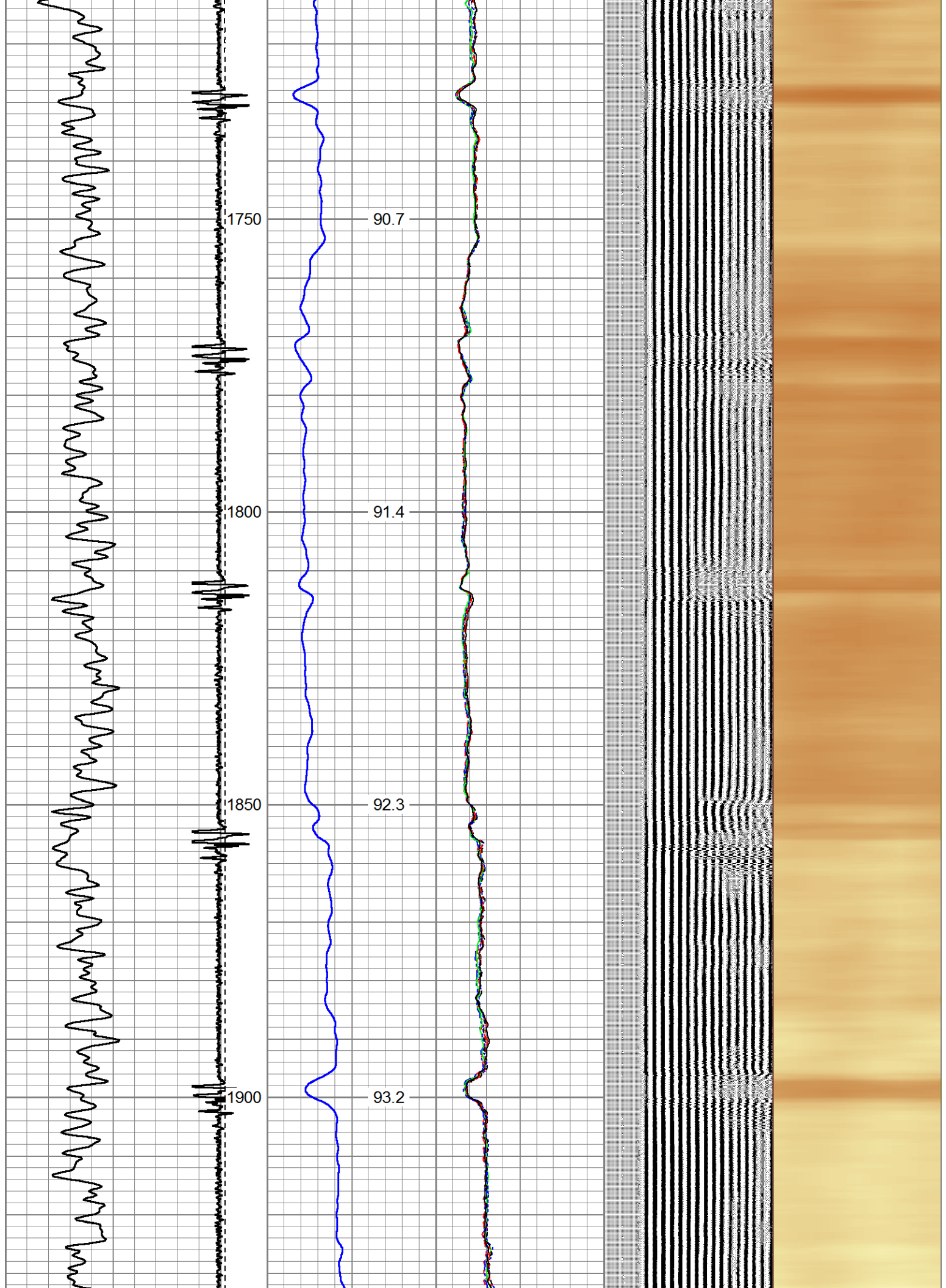


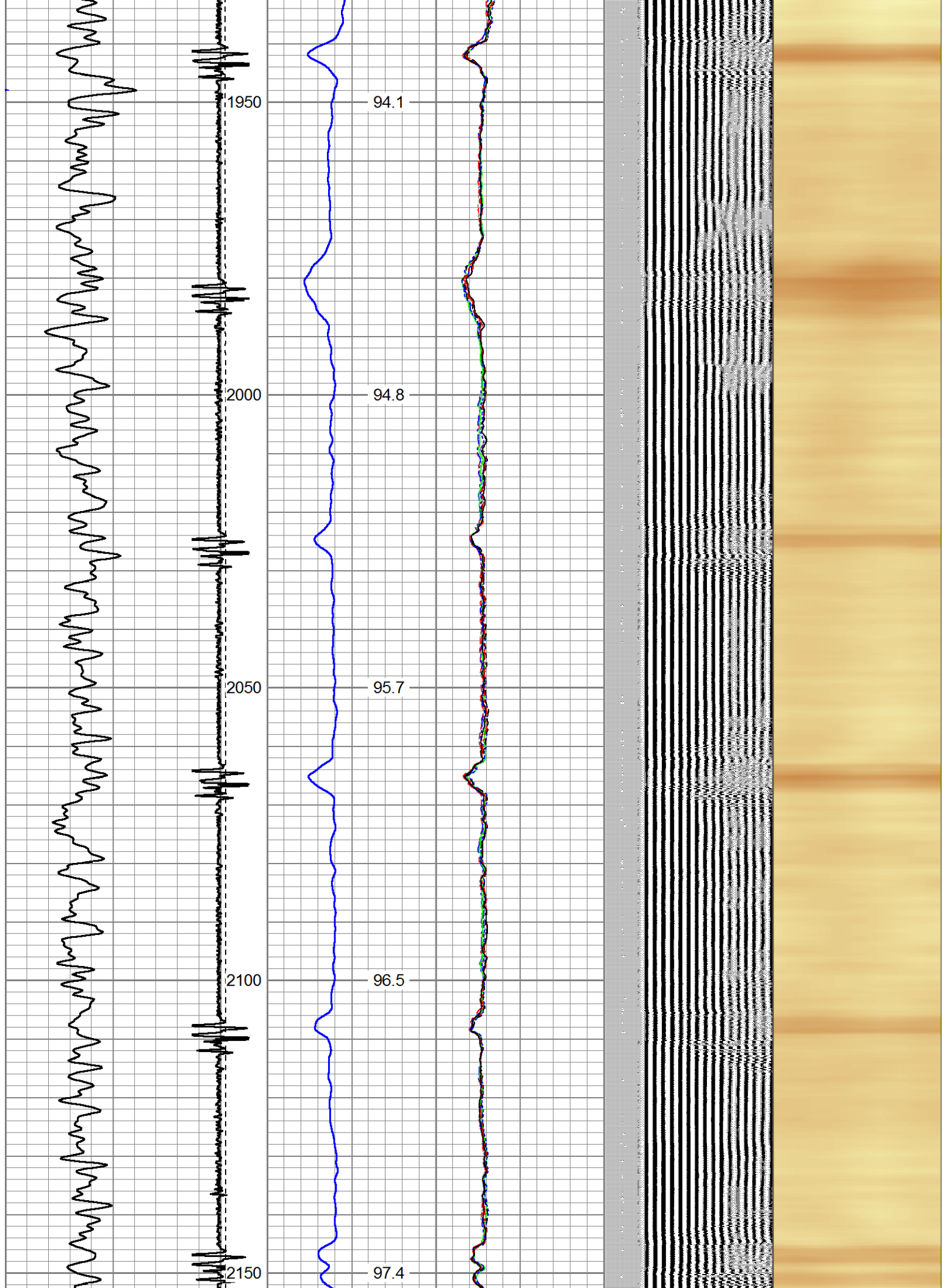


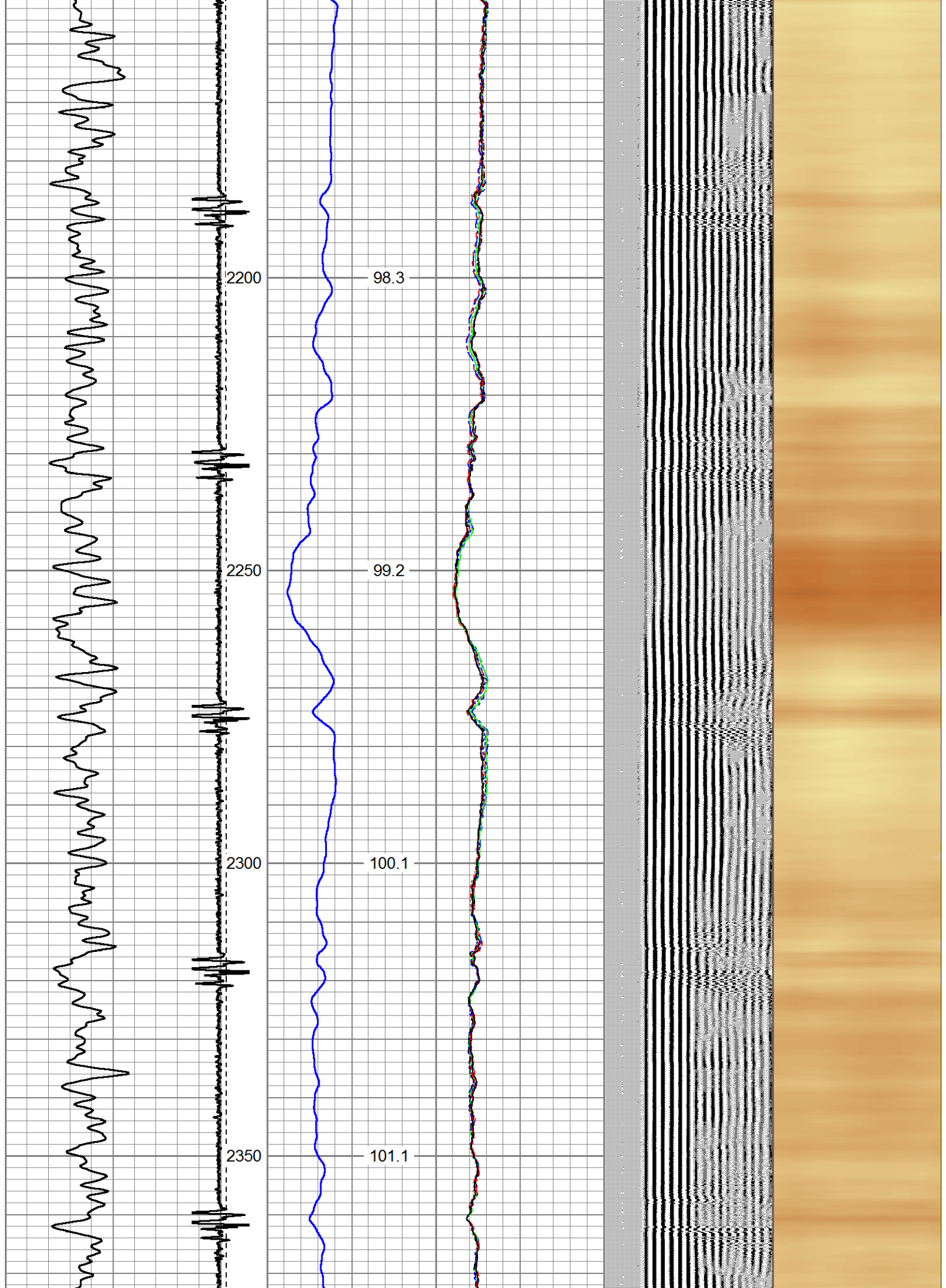


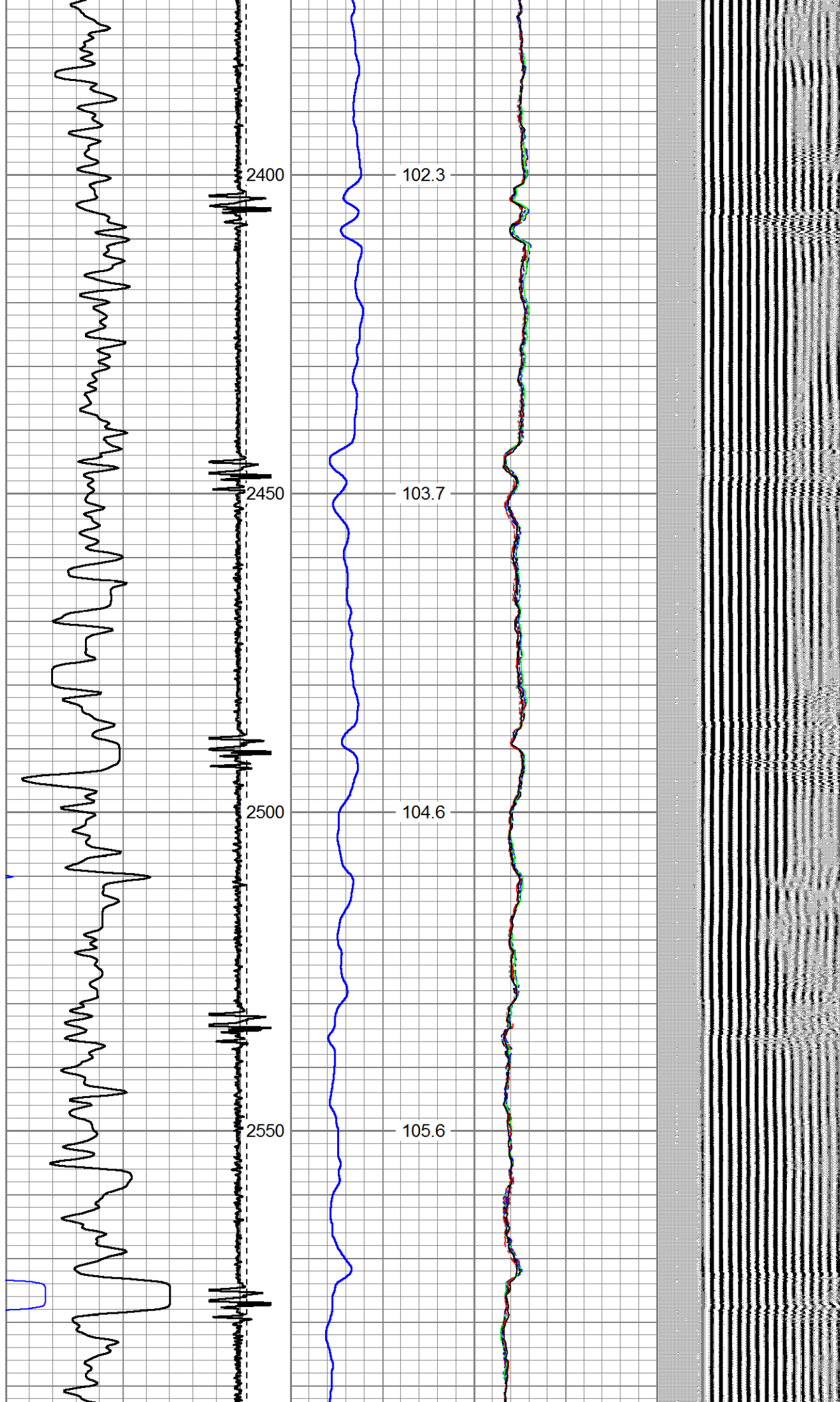


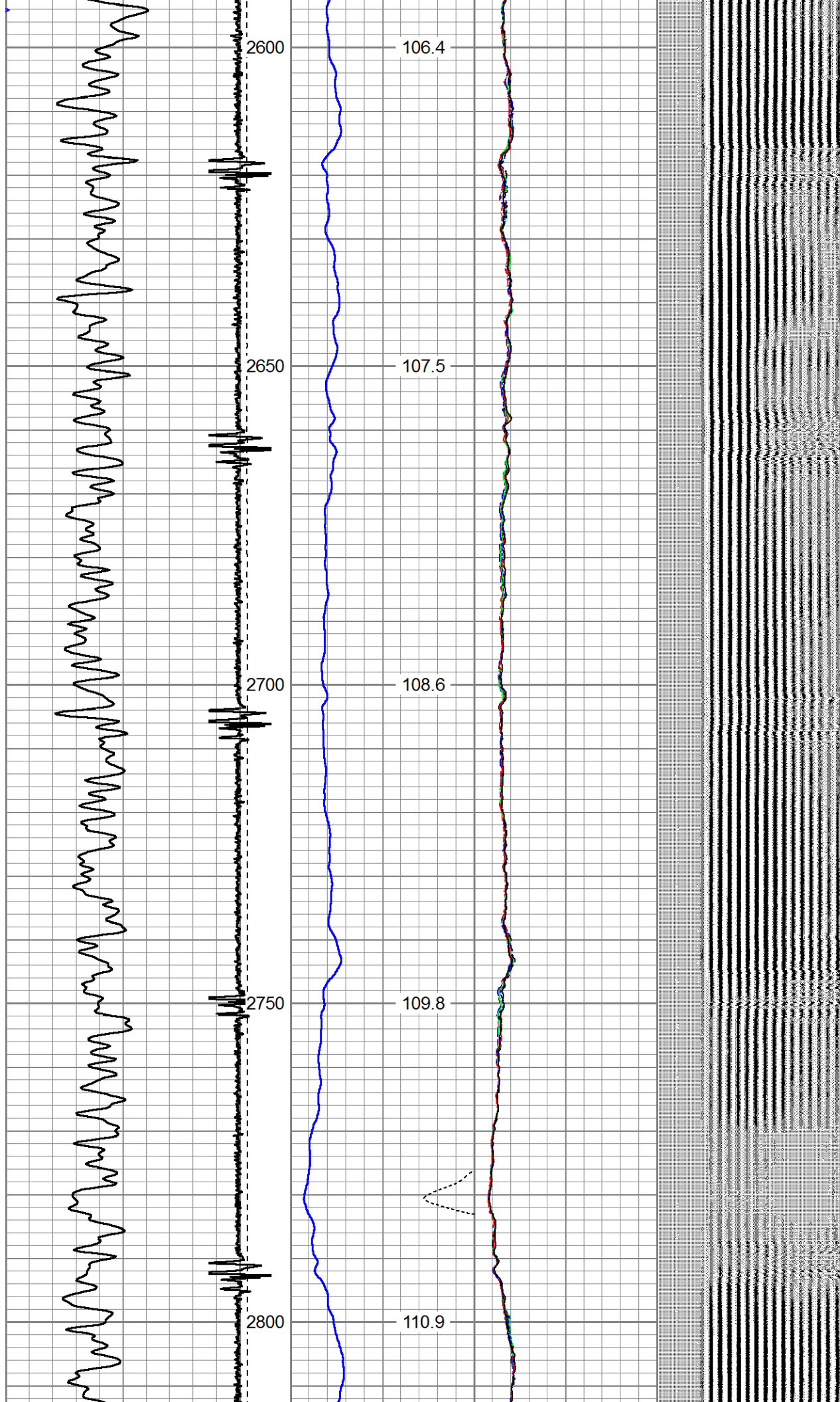


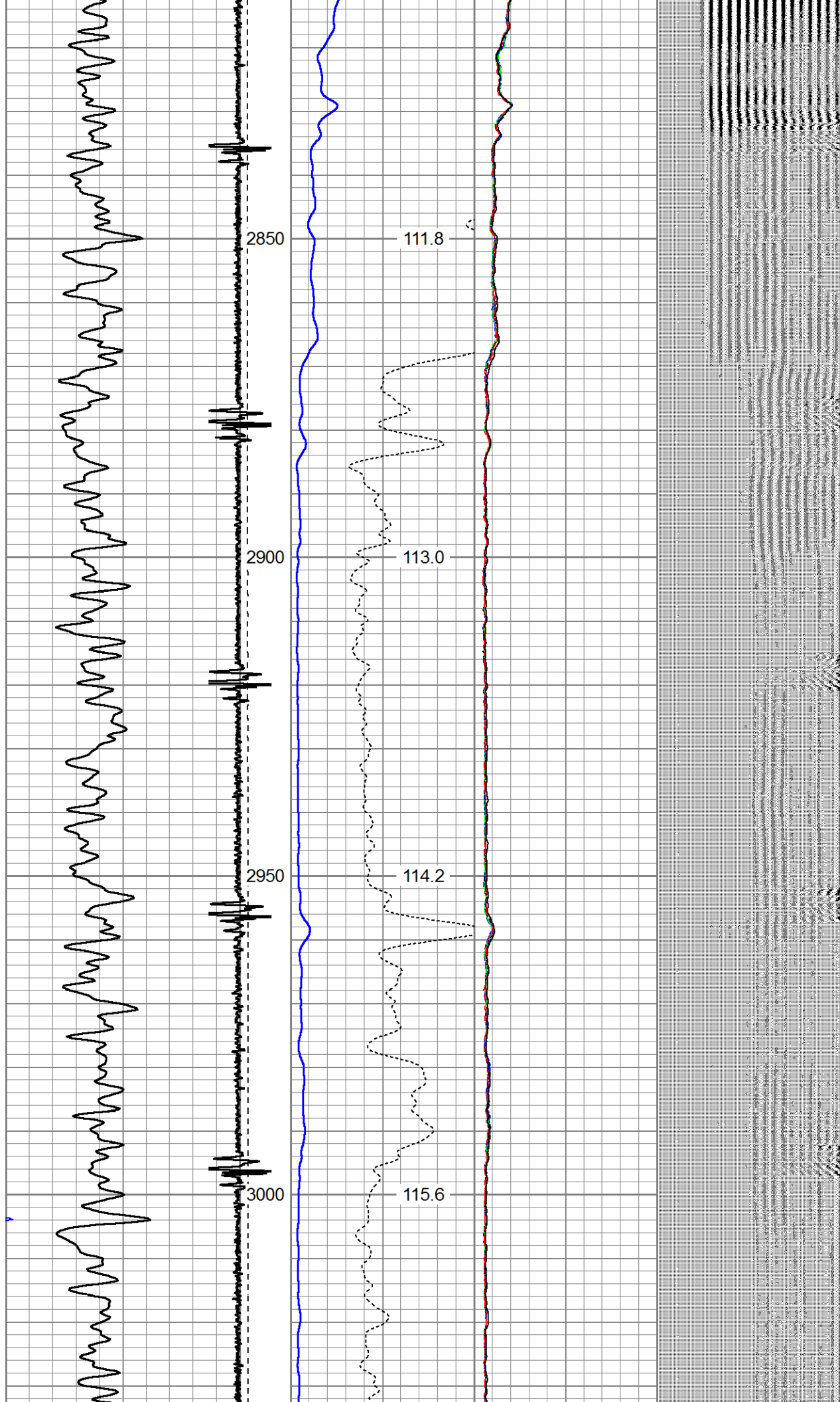


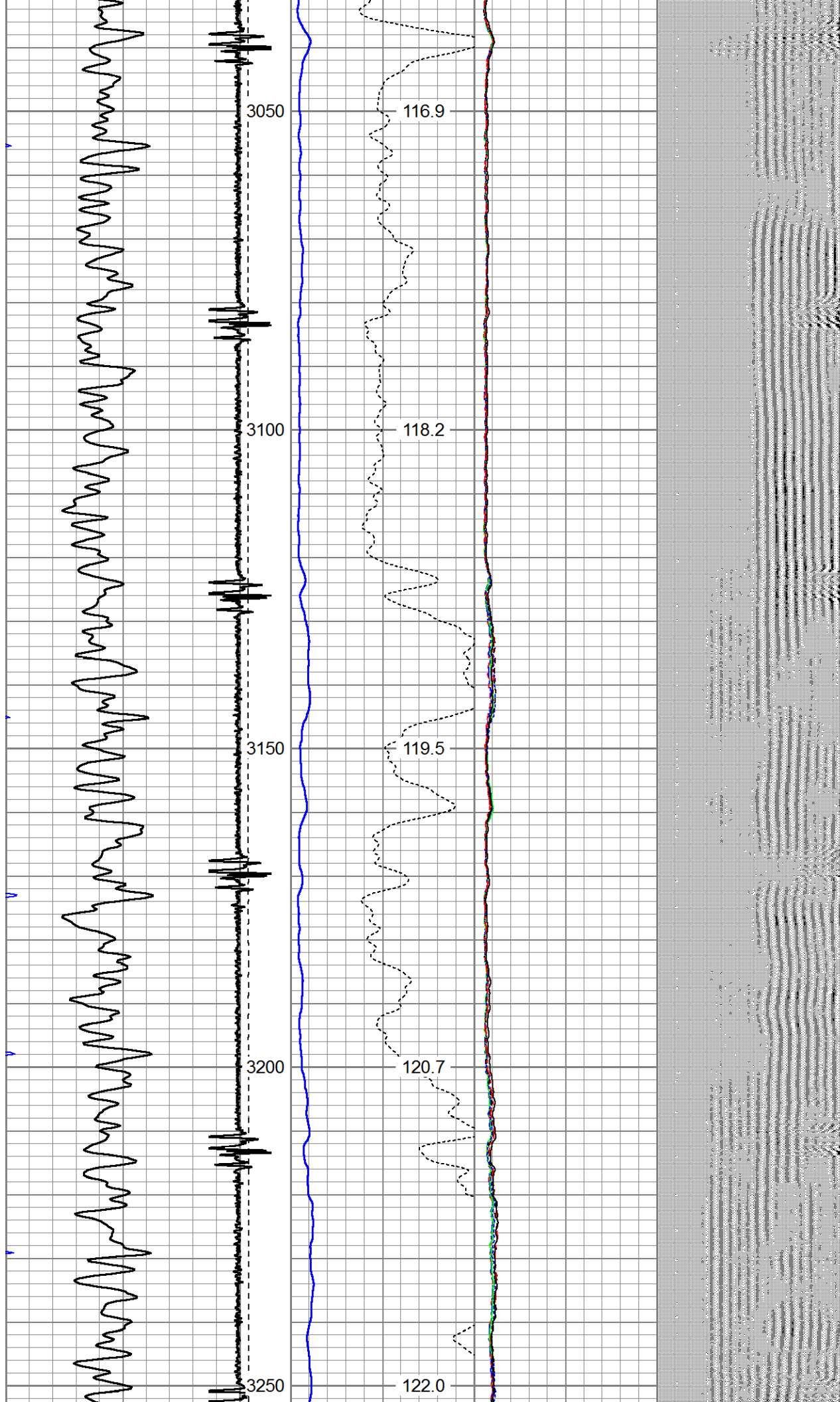


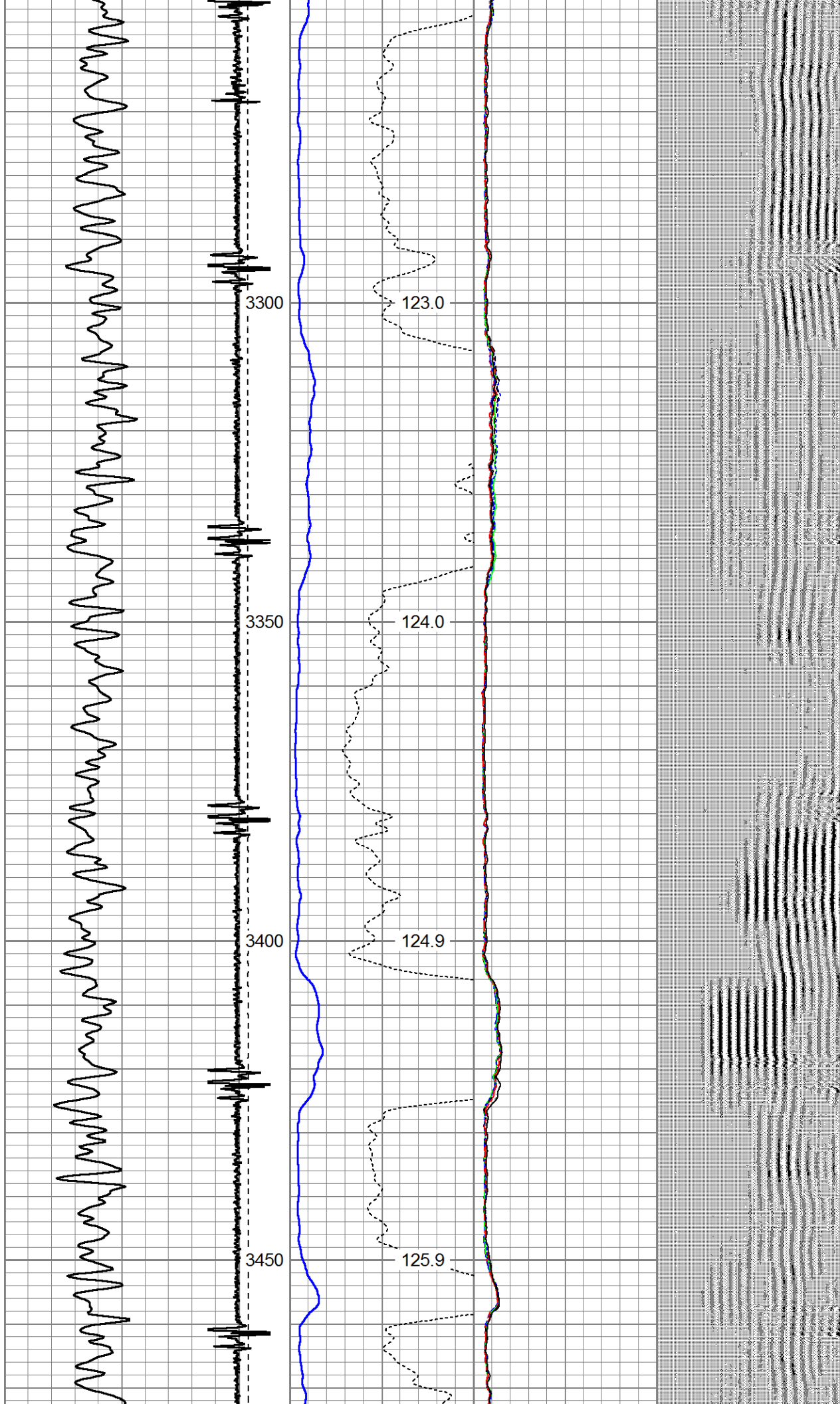


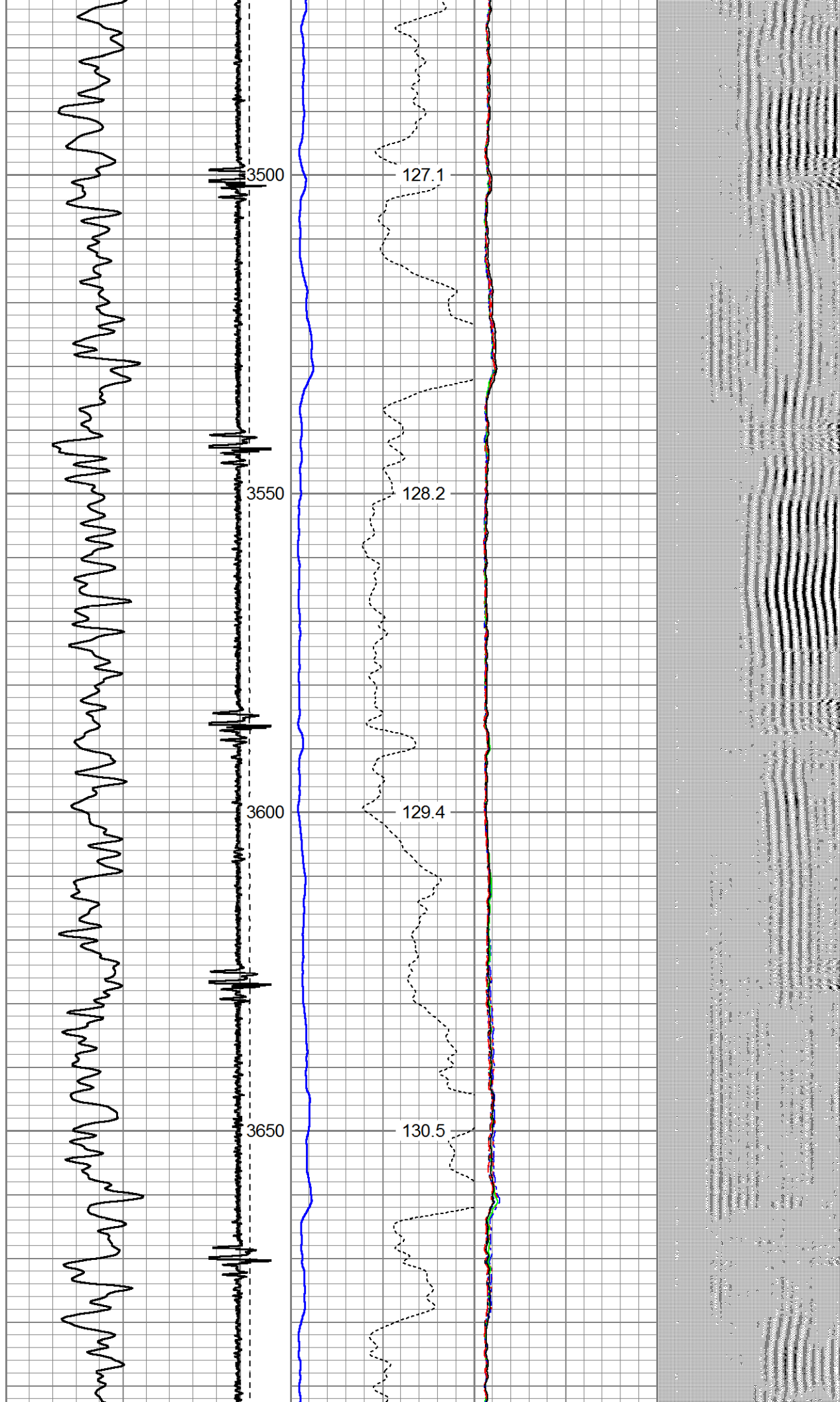


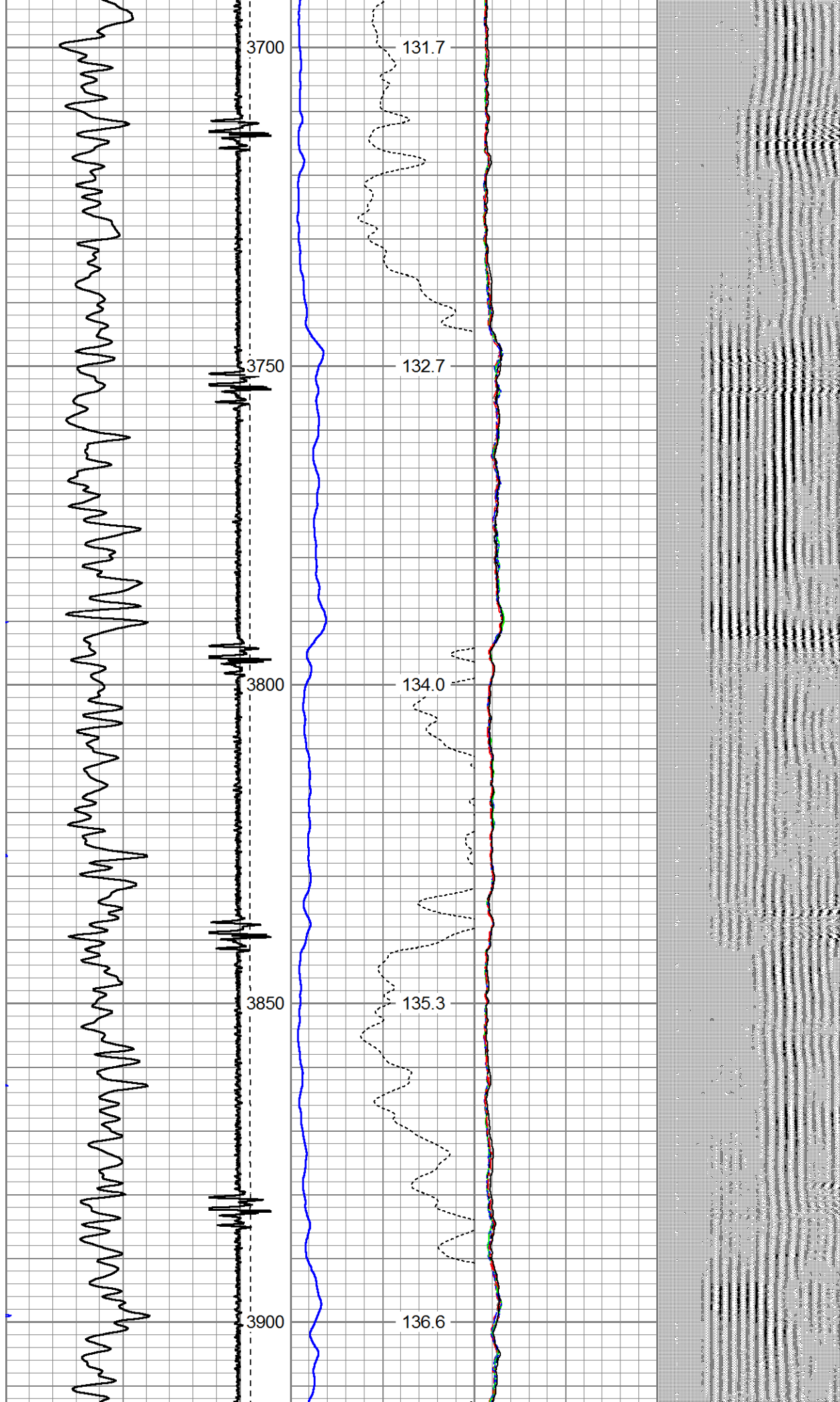


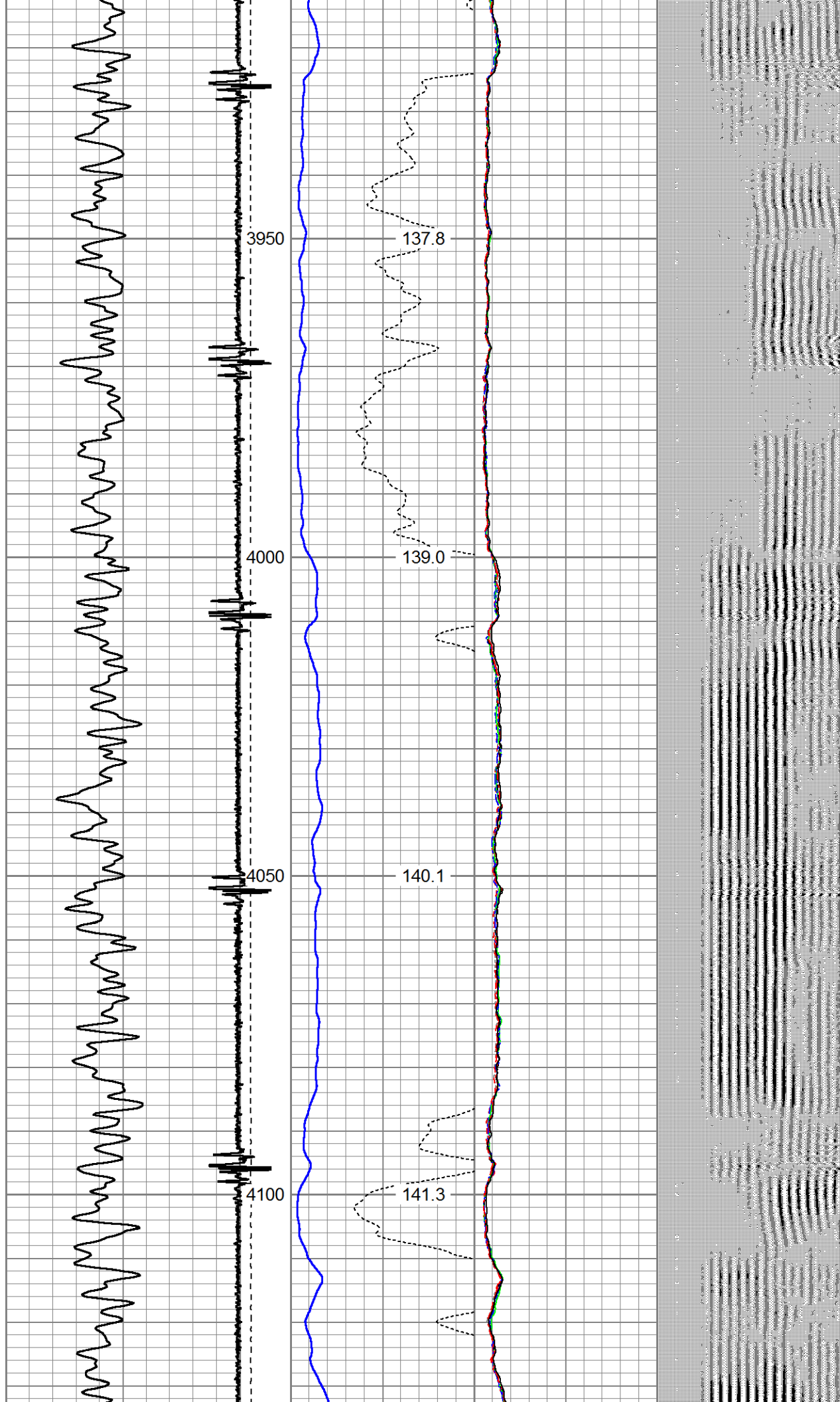


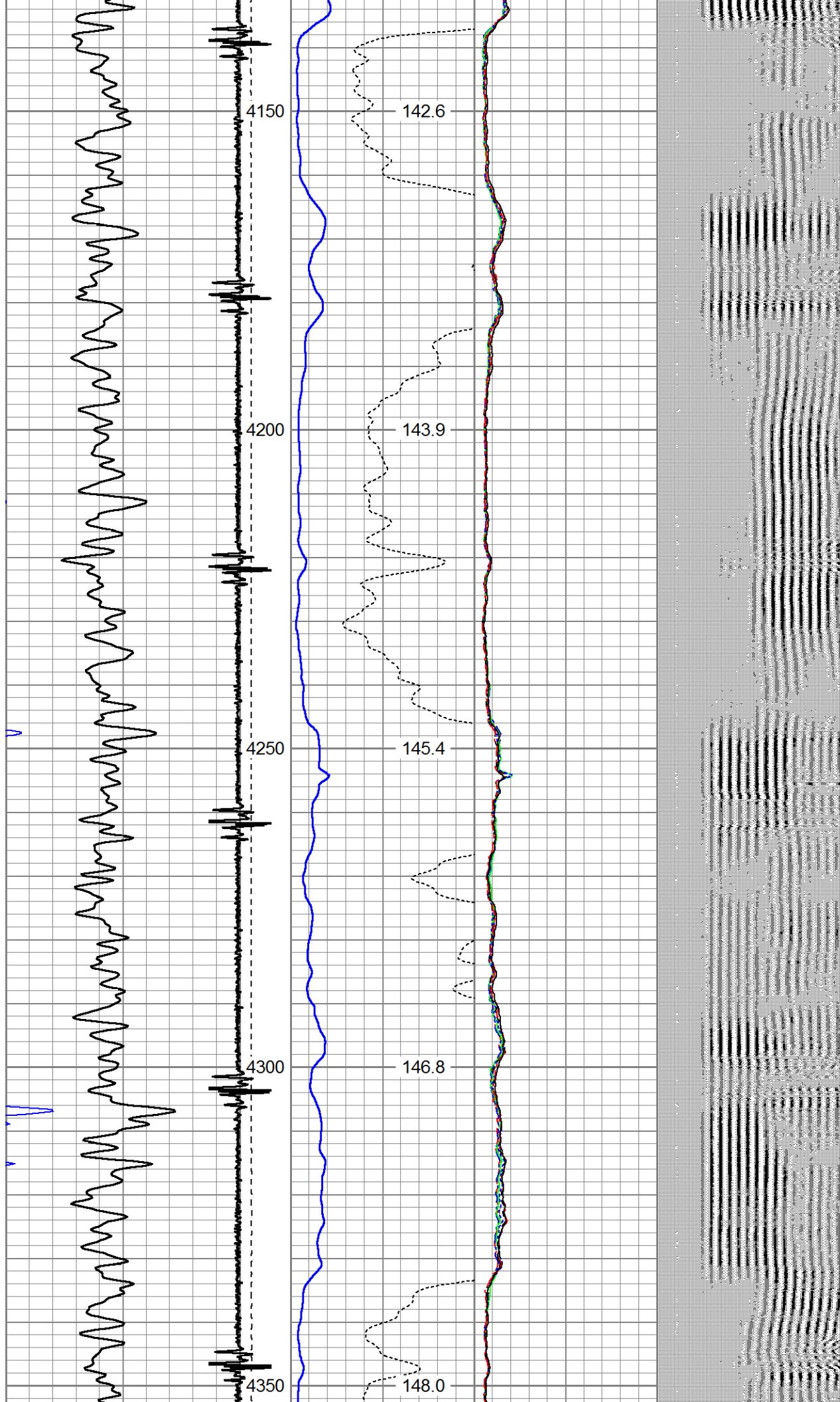


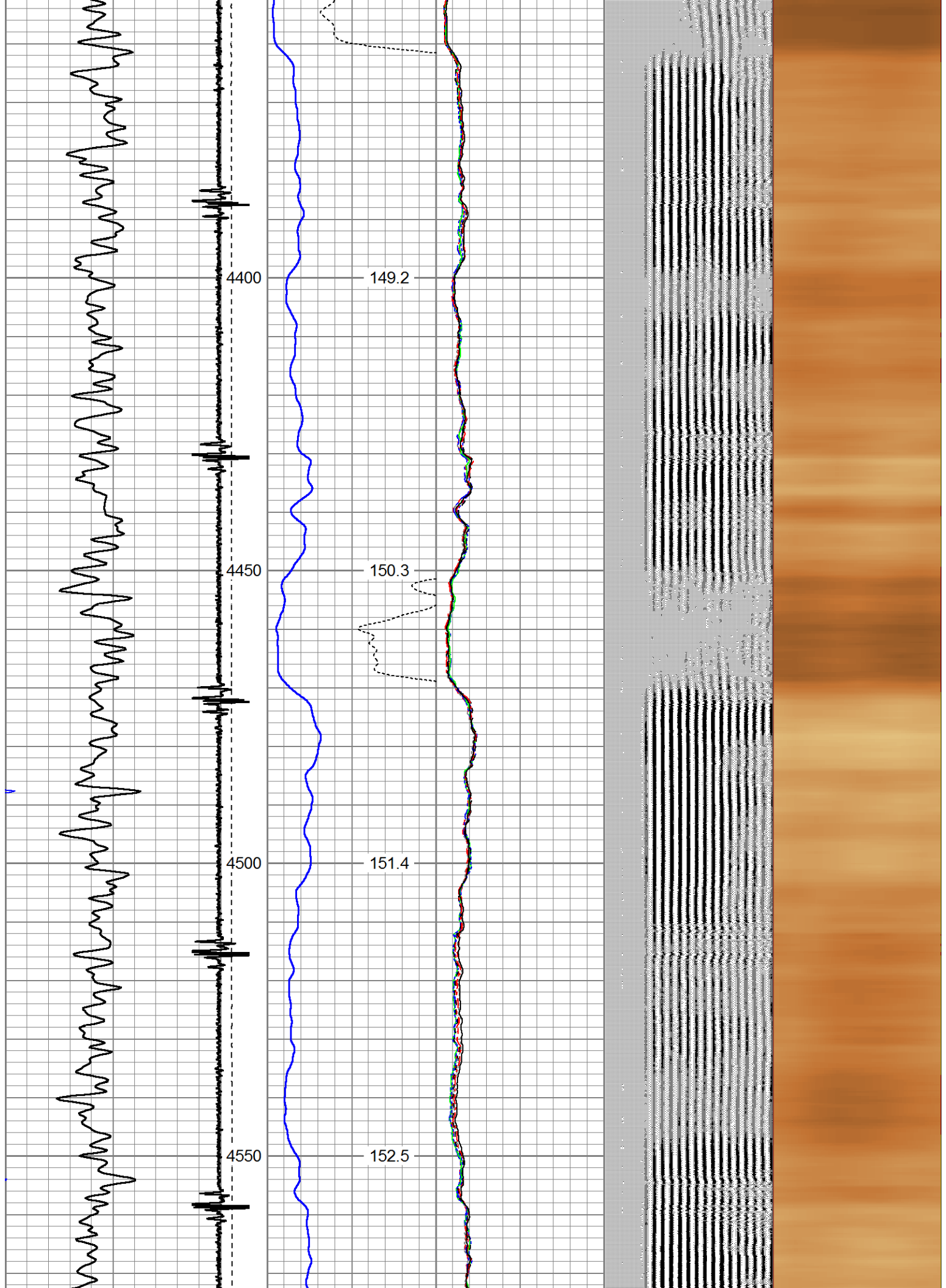


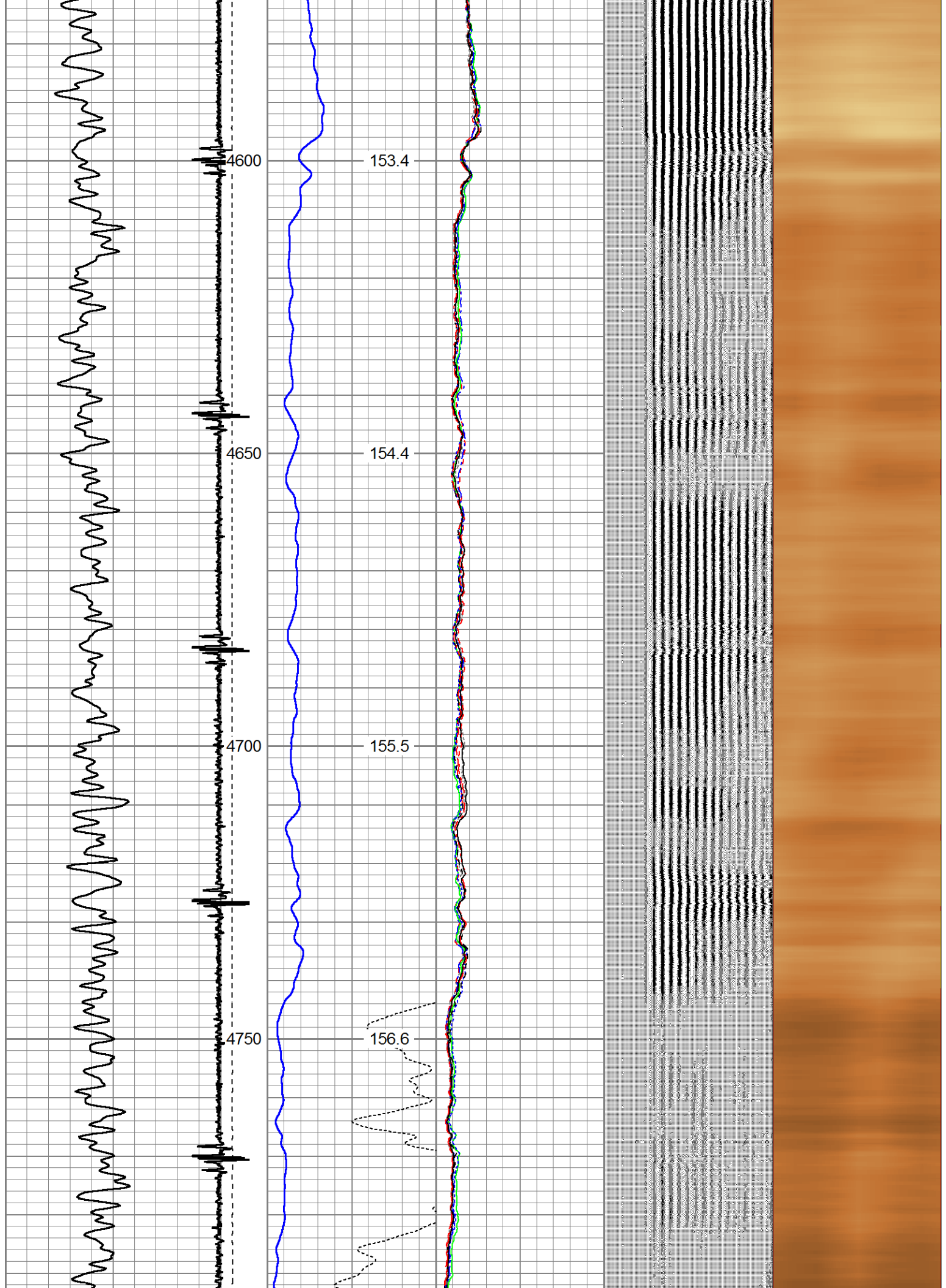


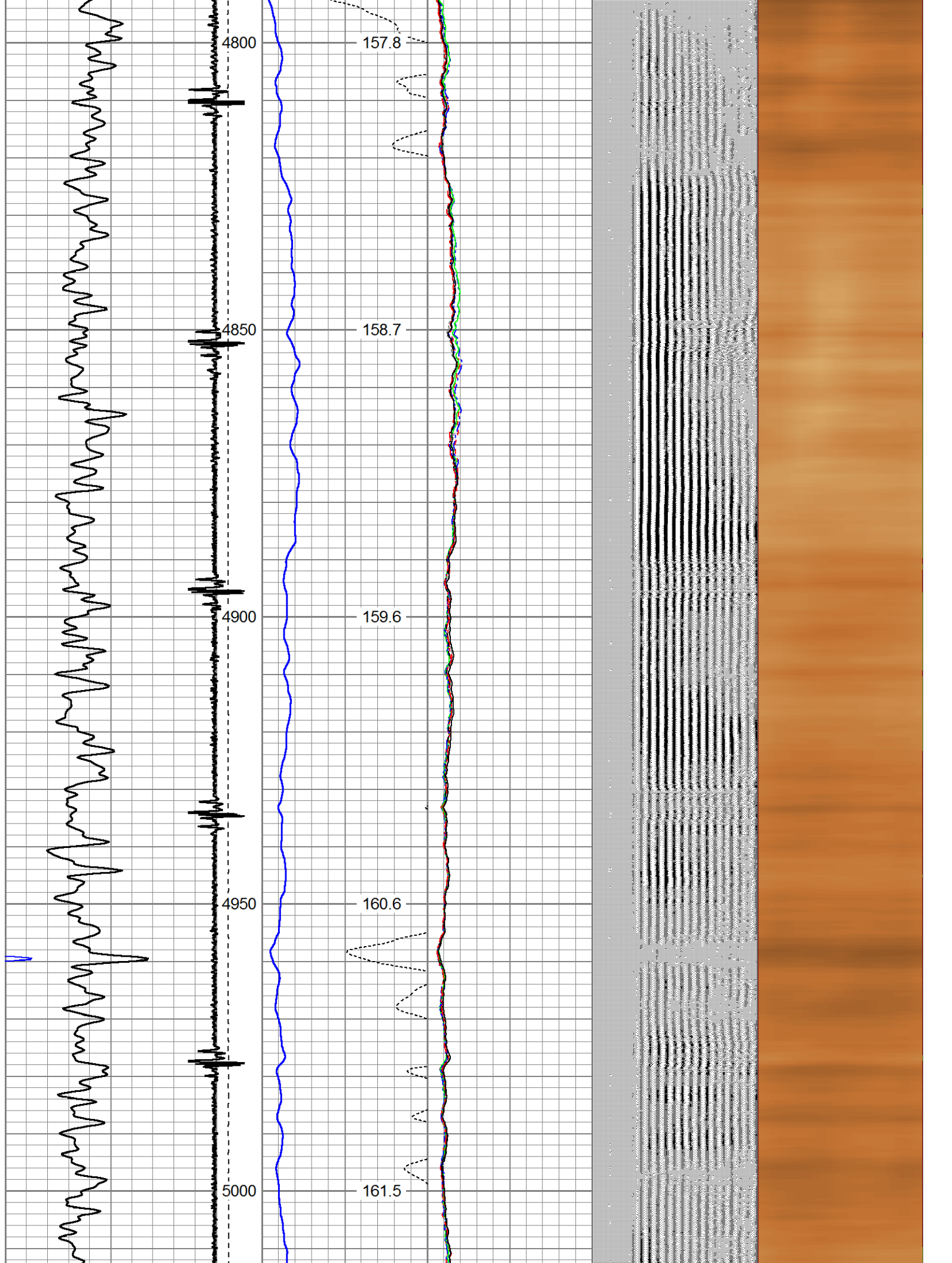




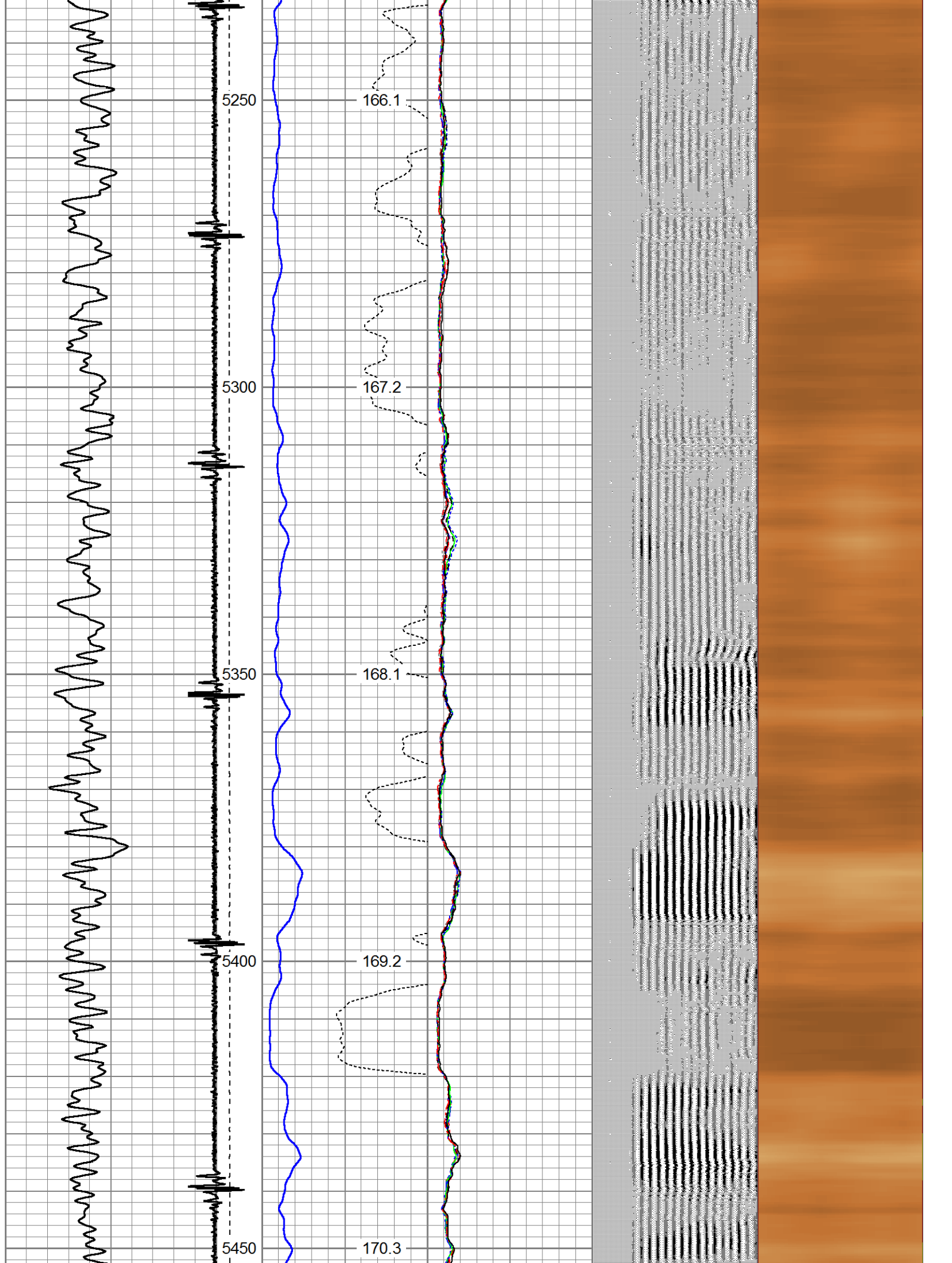


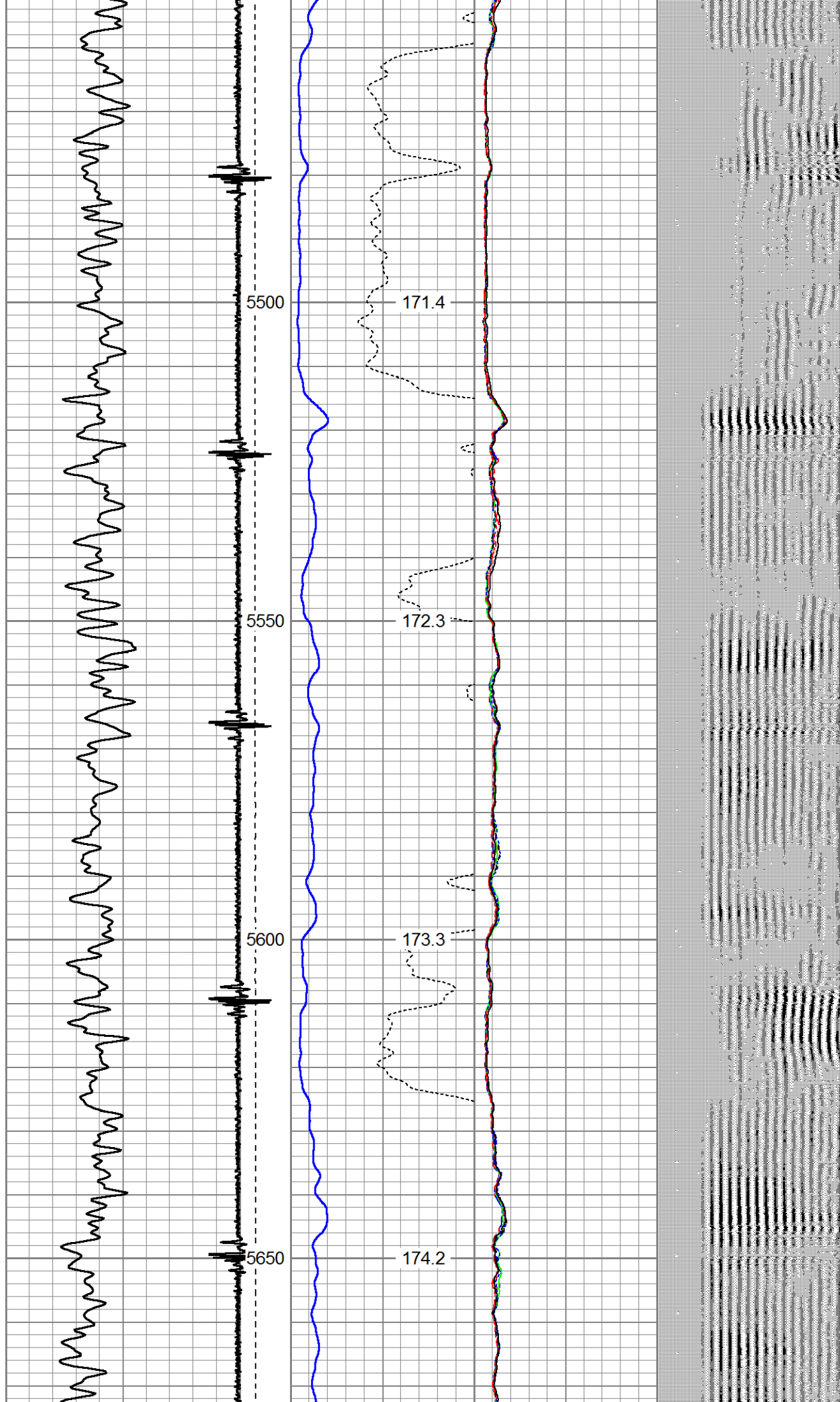


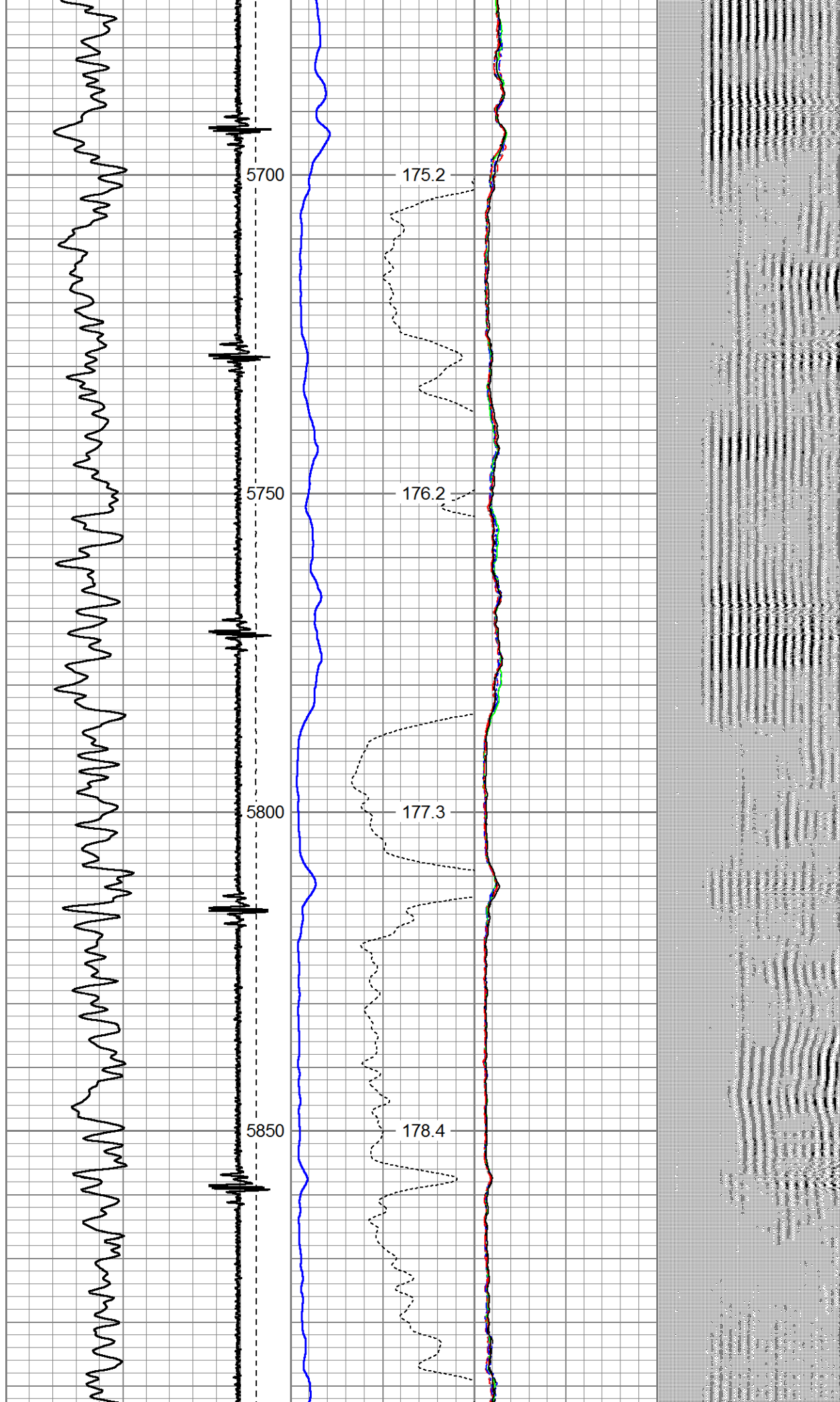


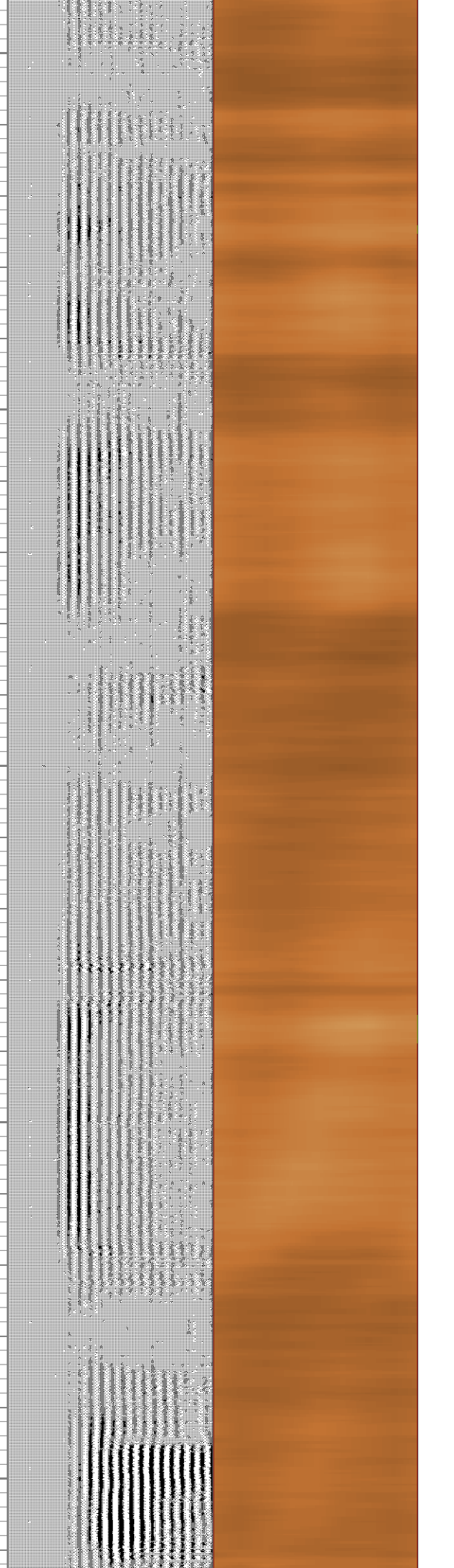
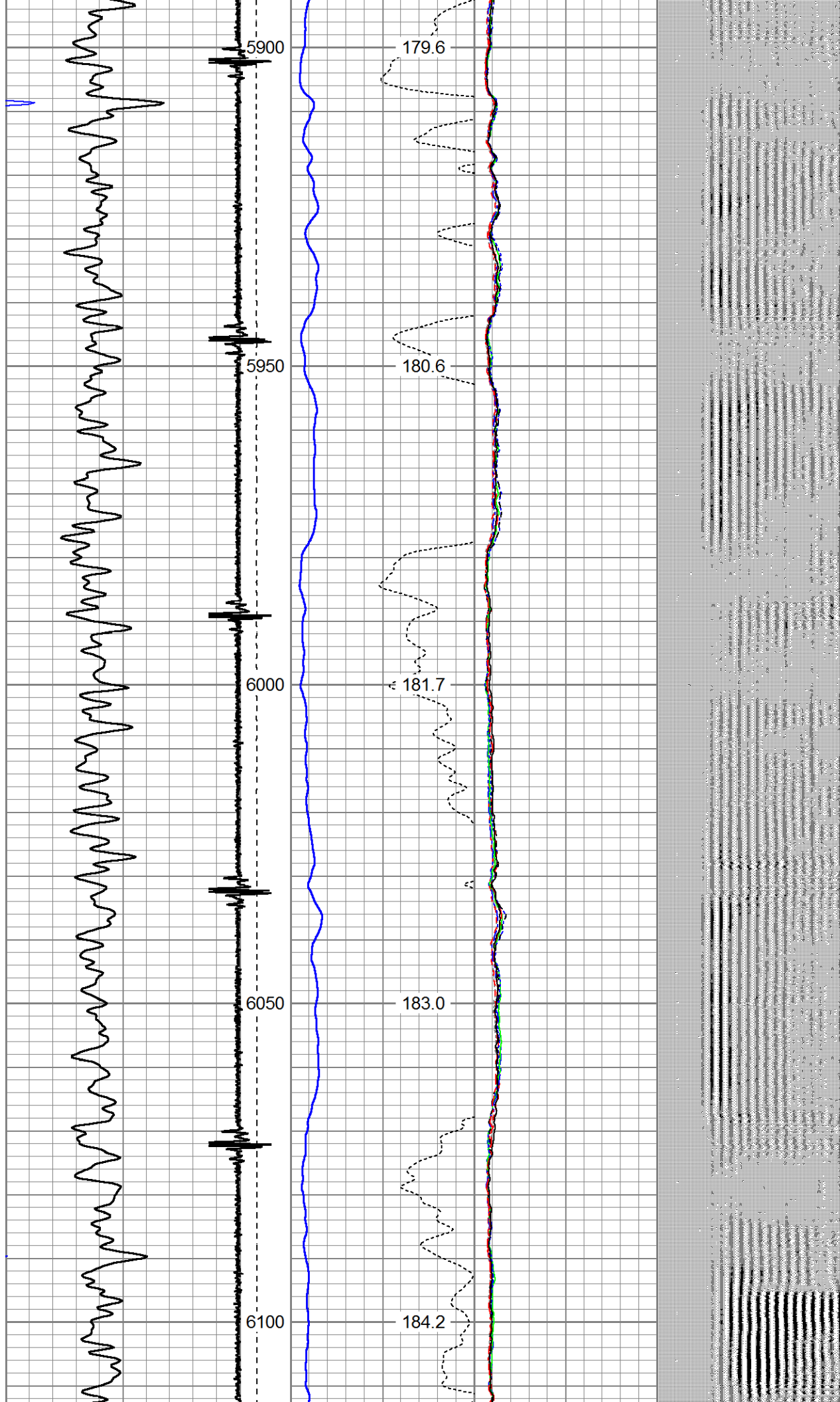


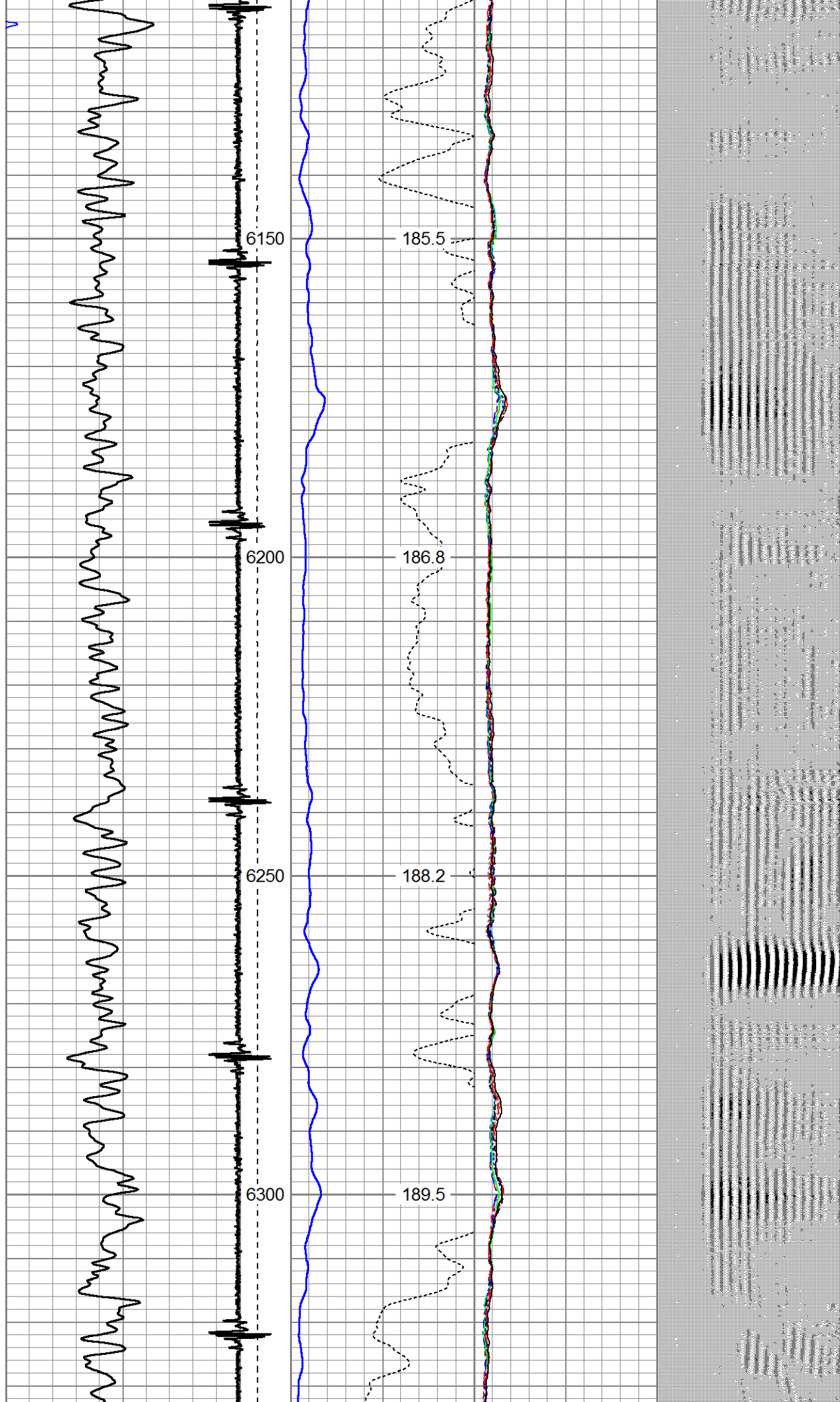


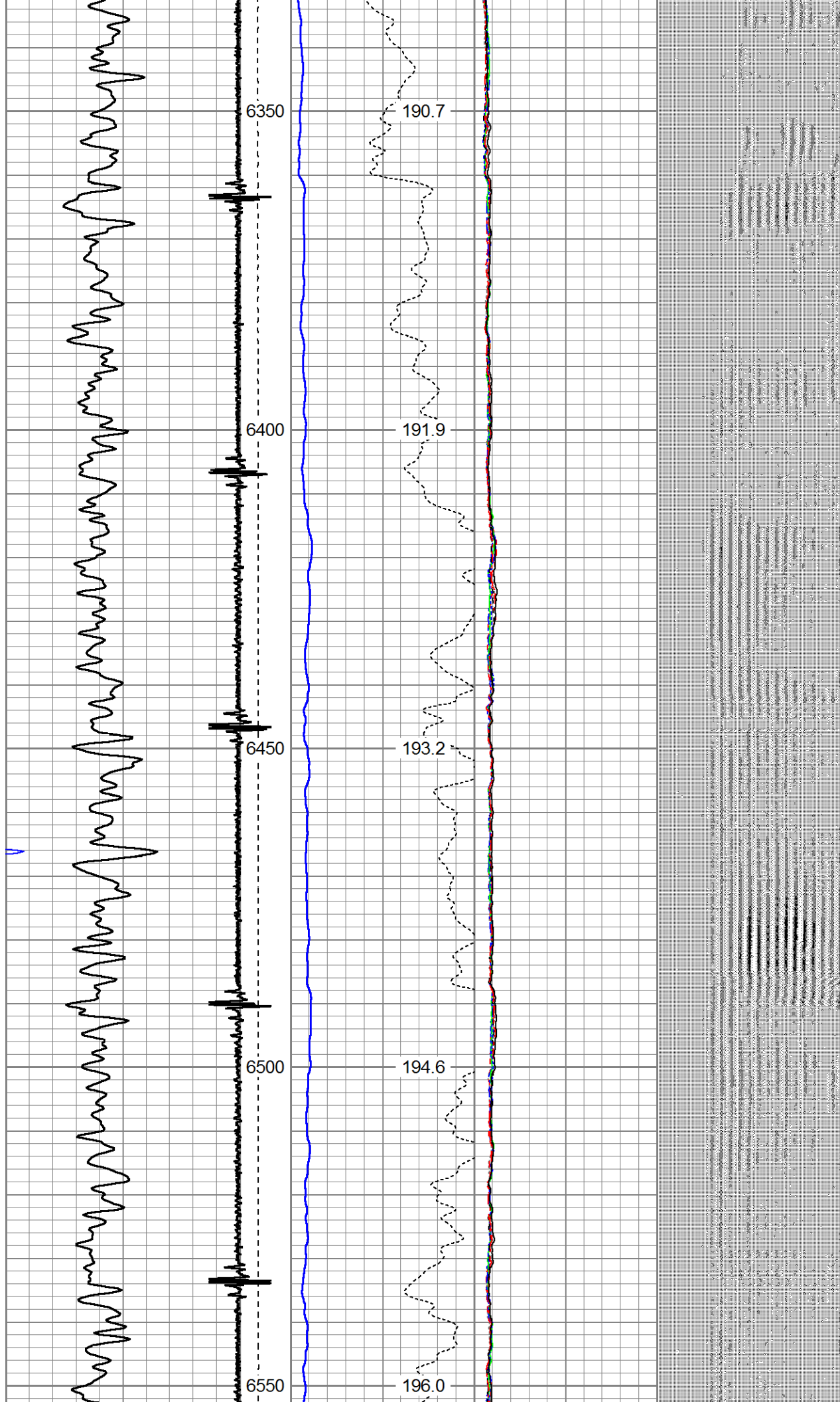


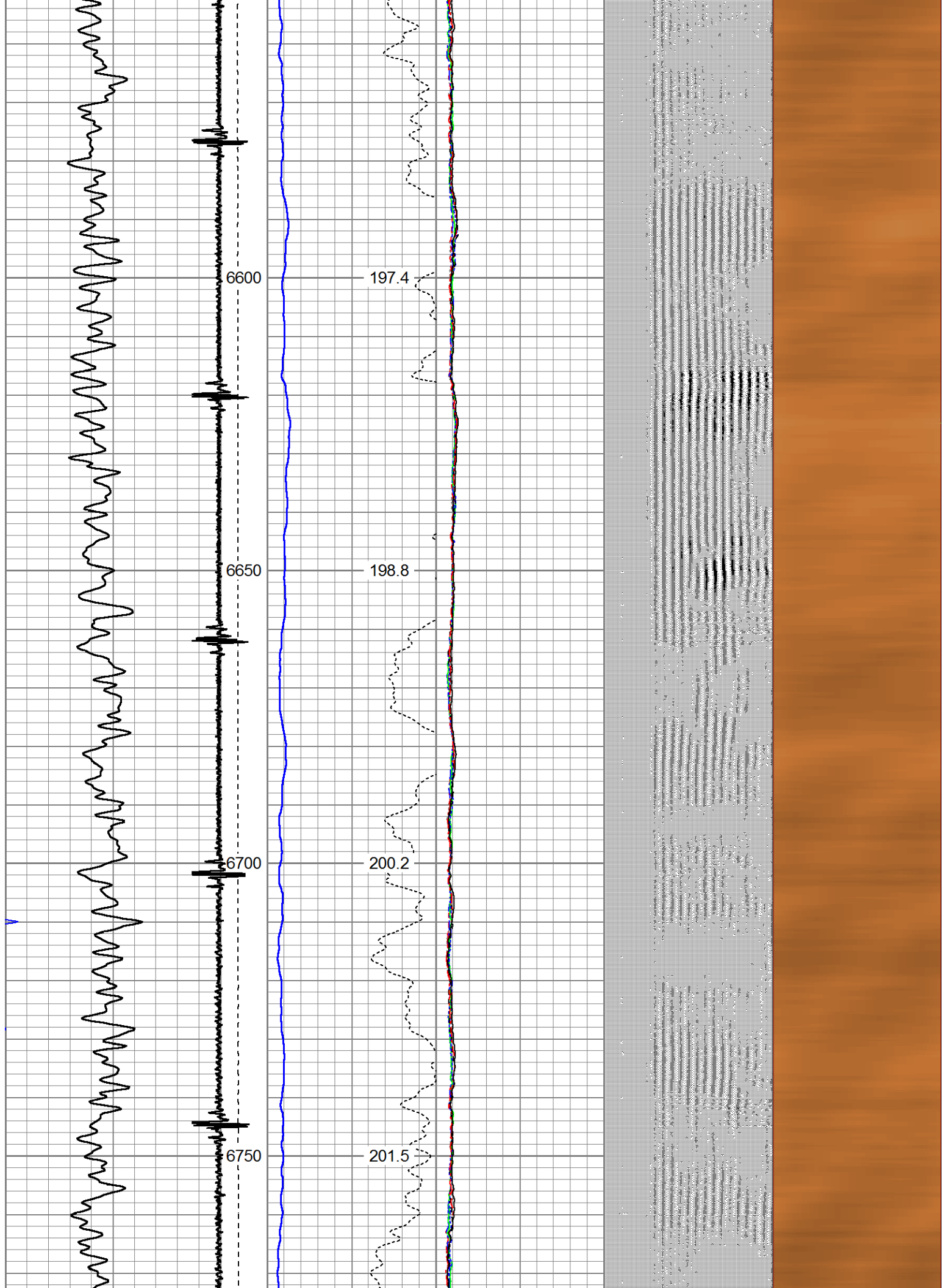


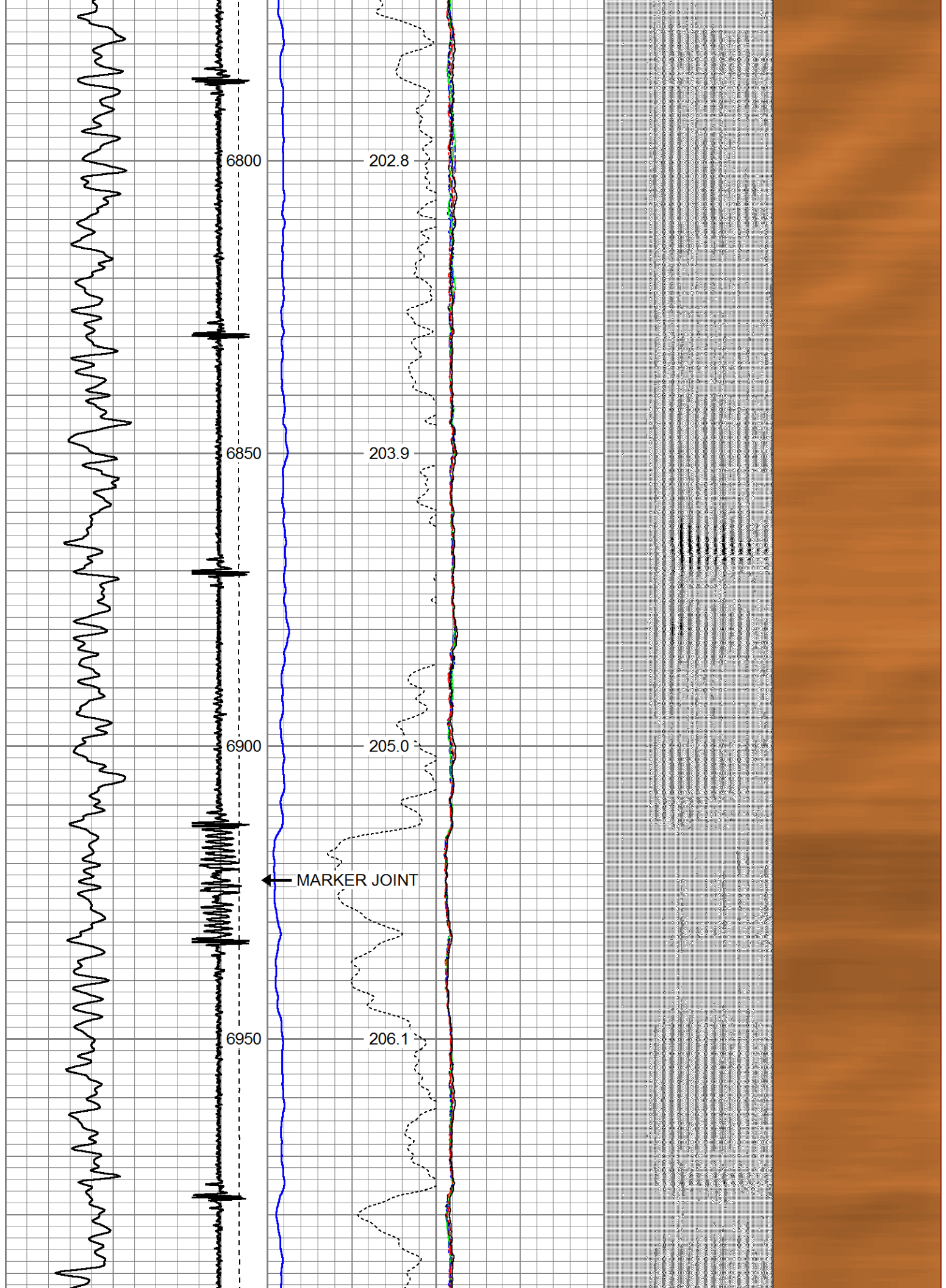


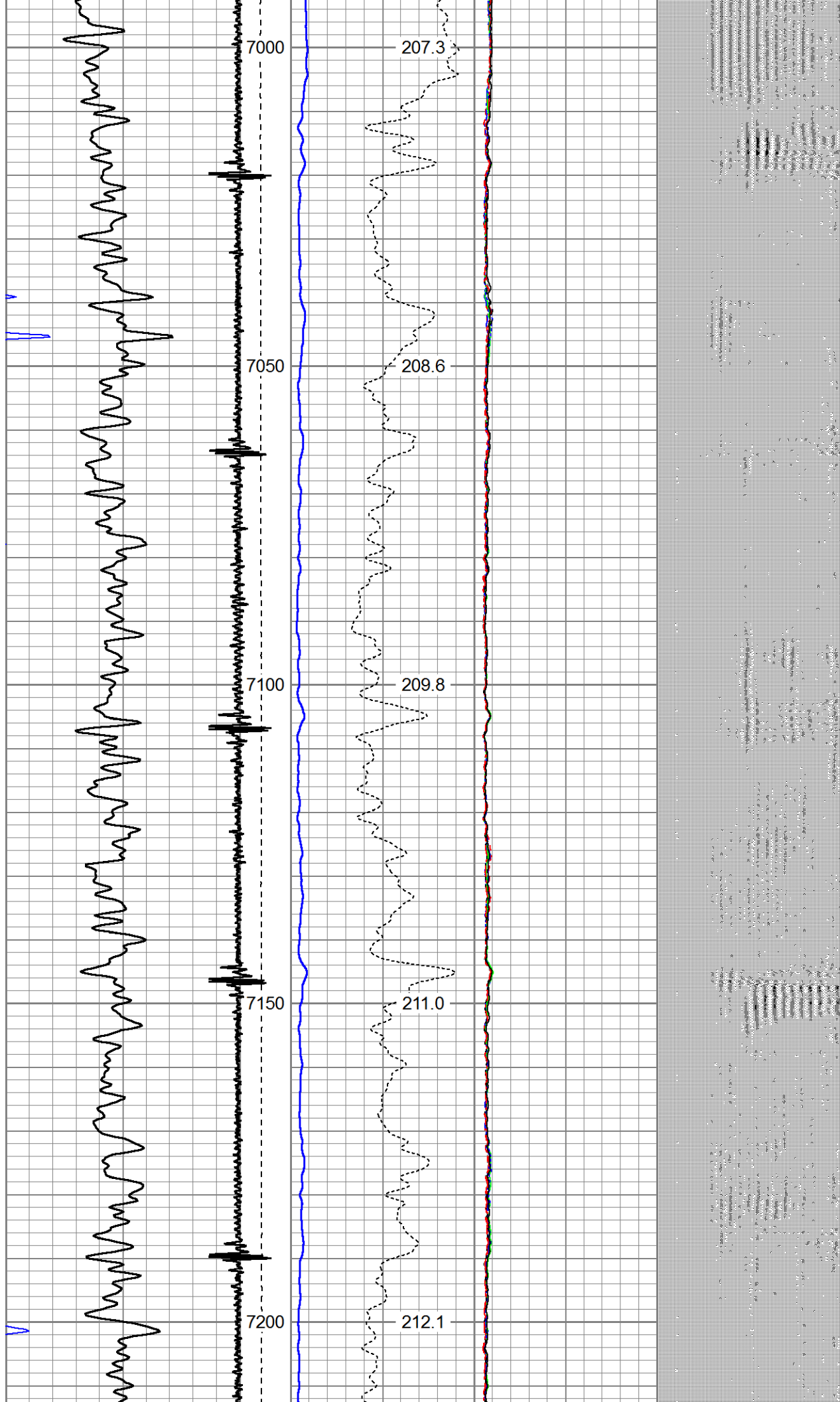


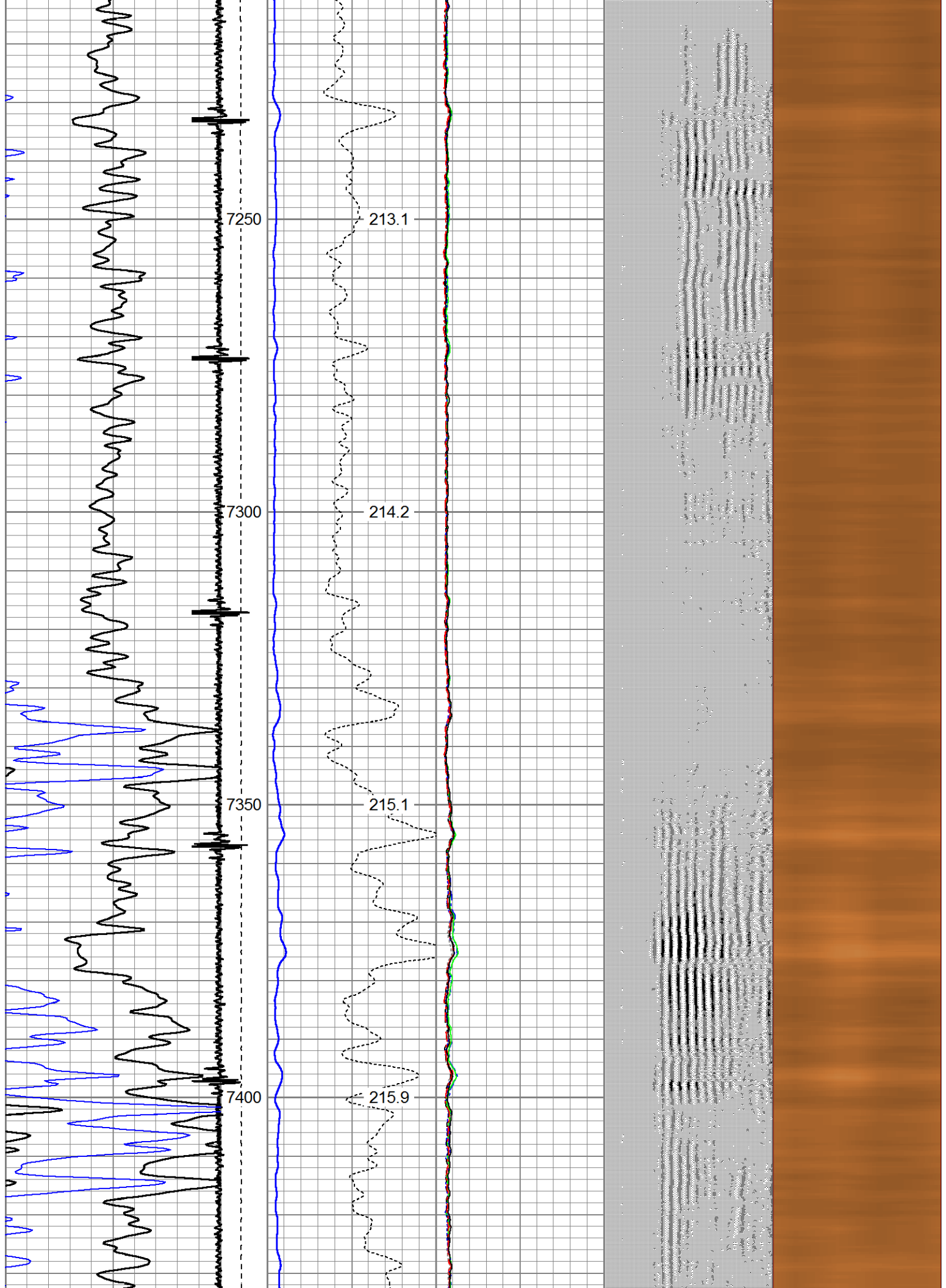


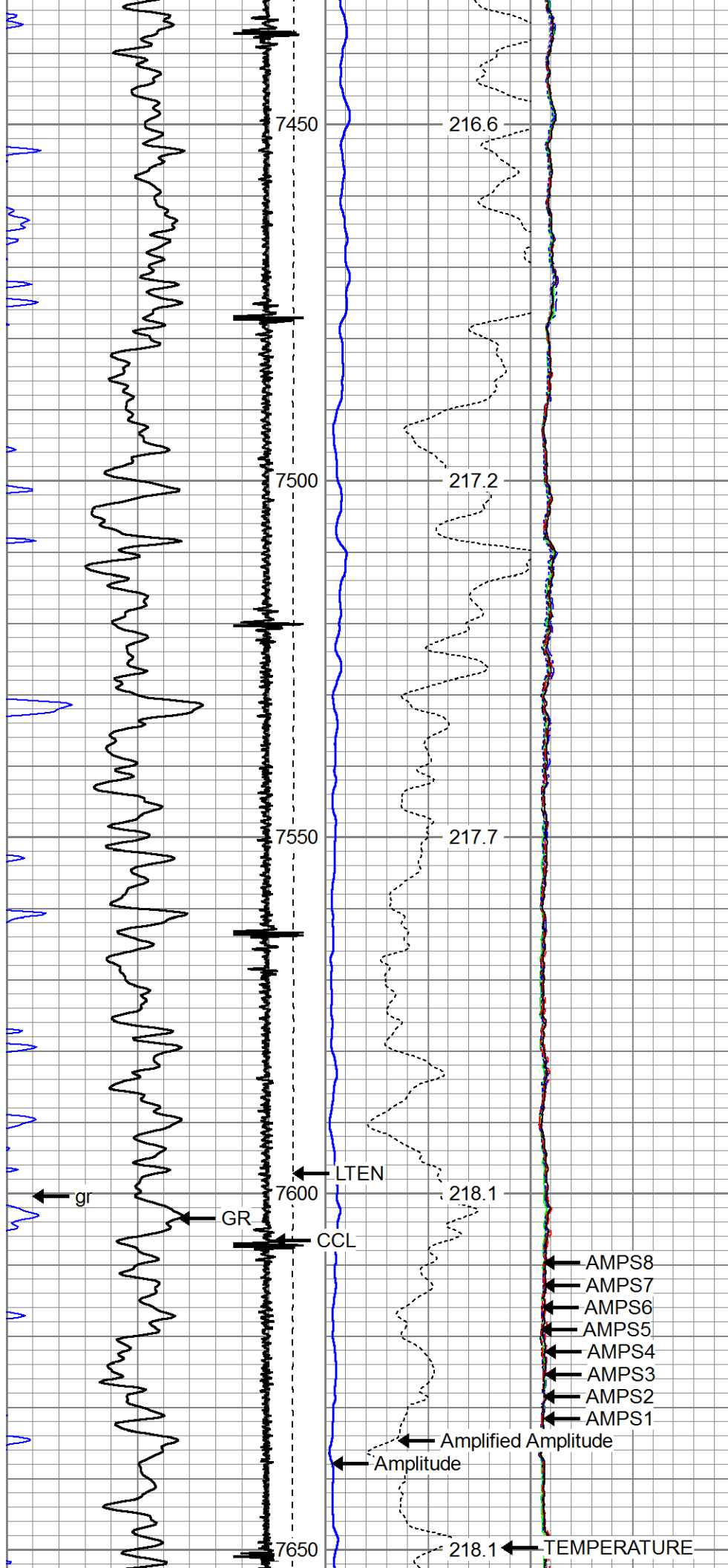


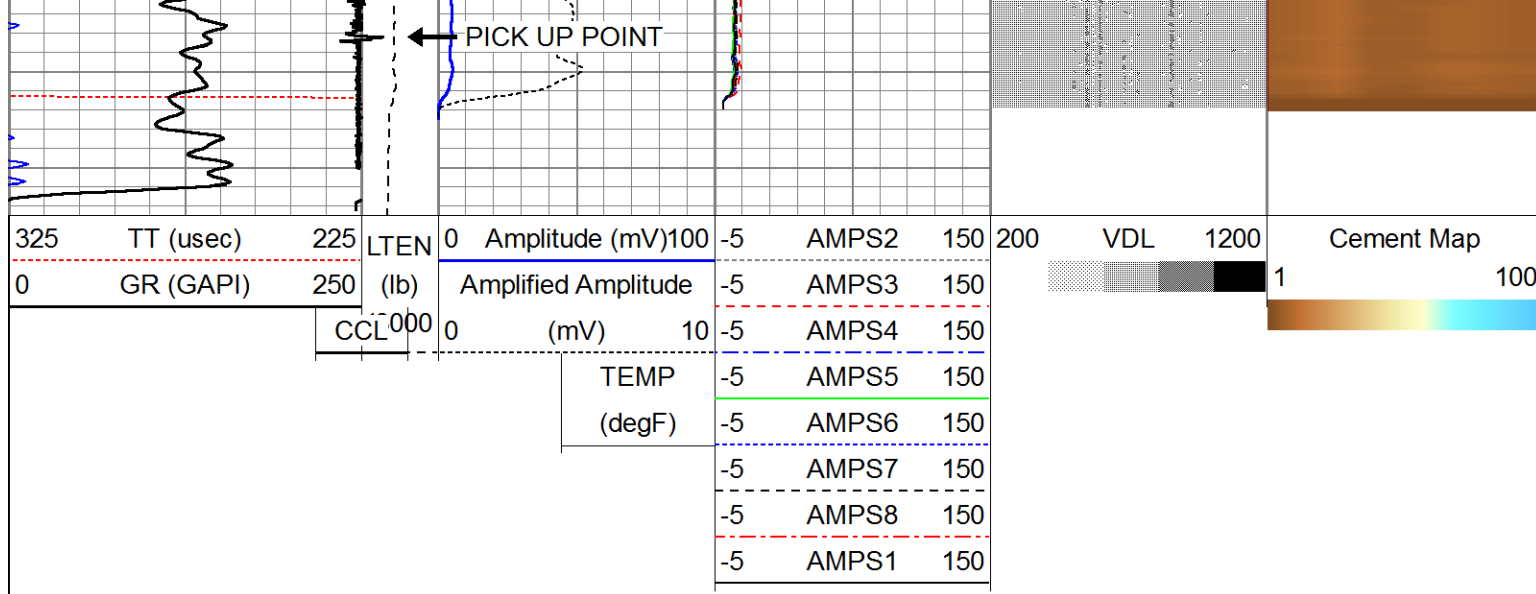












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