

|  |                                      |                                      |
|--|--------------------------------------|--------------------------------------|
| <p style="text-align: center;"><b>DISCLAIMER</b></p> <p>THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.</p> |                                      |                                      |
| <p><b>OTHER SERVICES FOR RUN</b></p> <p>Downhole weight-on-bit (DWOB)</p> <p>Downhole torque (DTOR)</p> <p>Multi-axis vibrational chassis (MVC)</p>  | <p><b>OTHER SERVICES FOR RUN</b></p> | <p><b>OTHER SERVICES FOR RUN</b></p> |
| <p><b>REMARKS: RUN NUMBER1</b></p> <p>The well was drilled without riser.</p> <p>Drilling fluid was seawater.</p> <p>Rm = 0.19 ohm.m @ 75 deg F.</p> <p>Gamma ray, resistivity, and density data are not environmentally corrected.</p> <p>Neutron porosity data are corrected for bit size, temperature, pressure, mud hydrogen index, and salinity.</p> <p>Downhole tools software versions:</p> <p>GVR: 6.1</p> <p>PowerPulse: 6.1</p> <p>VADN: 6.9</p>   | <p><b>REMARKS: RUN NUMBER</b></p>    | <p><b>REMARKS: RUN NUMBER</b></p>    |

Drilling and Measurements crew:  
Khaled Moudjeber  
Stefan Mrozewski

EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

DOWNHOLE EQUIPMENT

VADN6-306 30.18  
9.5 in. stabilizer  
Neutron 28.24  
Neutron 28.09  
Density 27.22  
Density 27.13  
NSR-M A0070 UltraSon 26.75  
GSR-J A1999 R-O Por 25.99

MRT-004 EXPT 23.99  
9.625 in. stabilizer

ROP Sen 18.11

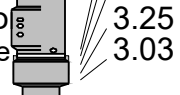
Ant1 14.95

Ant2 14.29

PowerPulse-750 12.84  
D&I 9.67  
9.07

Shallow 3.86  
Medium 3.74  
GVR6-164 Deep 3.56 5.36  
Ring Re 3.39

9.25 in. stabilizer  
9.125 in. button sleeve



Cross Over 2.28  
Float Sub Bit Res 1.26 1.92  
Bit Sub 1.18  
Milled Tooth Bit (9.875 in.) 0.27

MAXIMUM STRING DIAMETER 9.875 IN

ALL LENGTHS IN METERS

## Bit Run Summary

| Run number             |            | 1         |  |  |  |  |  |  |  |  |
|------------------------|------------|-----------|--|--|--|--|--|--|--|--|
| Bit size               | in         | 9.875     |  |  |  |  |  |  |  |  |
| Bit start depth        | m          | 1214.0    |  |  |  |  |  |  |  |  |
| Bit end depth          | m          | 1608.6    |  |  |  |  |  |  |  |  |
| Top interval logged    | m          | 1216.8    |  |  |  |  |  |  |  |  |
| Bottom interval logged | m          | 1607.3    |  |  |  |  |  |  |  |  |
| Begin log: time        |            | 18:20     |  |  |  |  |  |  |  |  |
| Begin log: date        |            | 22-Jul-02 |  |  |  |  |  |  |  |  |
| End log: time          |            | 08:00     |  |  |  |  |  |  |  |  |
| End log: date          |            | 23-Jul-02 |  |  |  |  |  |  |  |  |
| Mud data               |            |           |  |  |  |  |  |  |  |  |
| Depth                  | m          | 806       |  |  |  |  |  |  |  |  |
| Type                   |            | Seawater  |  |  |  |  |  |  |  |  |
| Mud weight             | ppg        | 8.33      |  |  |  |  |  |  |  |  |
| Solids                 |            |           |  |  |  |  |  |  |  |  |
| Chlorides              |            |           |  |  |  |  |  |  |  |  |
| Rm                     | ohm.m@degF | 0.19@75   |  |  |  |  |  |  |  |  |
| Rmf                    |            |           |  |  |  |  |  |  |  |  |
| Rmc                    |            |           |  |  |  |  |  |  |  |  |
| Potassium              |            |           |  |  |  |  |  |  |  |  |
| Environmental data     |            |           |  |  |  |  |  |  |  |  |
| GR                     |            |           |  |  |  |  |  |  |  |  |
| Mud weight             | ppg        | 8.33      |  |  |  |  |  |  |  |  |
| Bit size               | in         | 9.875     |  |  |  |  |  |  |  |  |
| Resistivity            |            |           |  |  |  |  |  |  |  |  |
| Neutron porosity       |            |           |  |  |  |  |  |  |  |  |
| Hole Size              | in         | 9.875     |  |  |  |  |  |  |  |  |
| Mud weight             | ppg        | 8.33      |  |  |  |  |  |  |  |  |
| Temperature            | deg F      | 75        |  |  |  |  |  |  |  |  |
| Mud salinity           |            |           |  |  |  |  |  |  |  |  |
| Formation salinity     |            |           |  |  |  |  |  |  |  |  |
| Recording rate 1       | SEC        | 5         |  |  |  |  |  |  |  |  |
| Recording rate 2       | SEC        | 5         |  |  |  |  |  |  |  |  |
| Filtering GR           |            | 3 pt      |  |  |  |  |  |  |  |  |
| Filtering density      |            | 3 pt      |  |  |  |  |  |  |  |  |
| Filtering Neutron      |            | 3 pt      |  |  |  |  |  |  |  |  |
| Company representative |            | Goldberg  |  |  |  |  |  |  |  |  |
| Anadrill personnel     |            | Mrozewski |  |  |  |  |  |  |  |  |

| Variable Name | Variable Description                                   | Run Name & Value |
|---------------|--|------------------|
|               |  | Run #0           |
|               | RAB: Button Sleeve Diameter                            | RAB6:81/8IN      |
|               | RAB: Stabilizer Diameter                               | RAB6:9.62-9.88IN |
| A DHS         | ADN Down Hole Software Version String                  | YES              |
| ALPHA_COMP    | Perform Density Enhanced Vertical Resolution process ? | NO               |
| ALPHA_COMP    | Perform Neutron Enhanced Vertical Resolution process ? | NO               |
| AVE_ADN       | ADN/Array Channels: perform averaging(RM) :            | YES              |
| BDBHCA        | RAB: Button Deep Borehole A Factor                     | -0.027352        |
| BDBHCB        | RAB: Button Deep Borehole B Factor                     | 0.000000         |
| BHA_COEF_V    | RAB: BHA Coef Generator Version                        | 62011.000000     |
| BHT_RM        | Bottom Hole Temperature (RM)                           | 75.000000        |
| BIT_K_FACT    | RAB: Bit K Factor                                      | 4.876850         |
| BITBHCA       | RAB: Bit A Borehole Factor                             | 0.082292         |
| BITBHCB       | RAB: Bit B Borehole Factor                             | 0.000000         |
| BMBHCA        | RAB: Button Medium Borehole A Factor                   | 0.038770         |
| BMBHCB        | RAB: Button Medium Borehole B Factor                   | 0.000000         |
| BS_RM         | Bit Size (RM)  | 9.875000         |
| BSAL_RM       | Mud Salinity (RM)                                      | 60.000000        |
| BSBHCA        | RAB: Button Shallow Borehole A Factor                  | 0.071293         |
| BSBHCB        | RAB: Button Shallow Borehole B Factor                  | 0.000000         |
| BUT_KIMP_A    | RAB: Button Impedance Coeff A                          | 0.000000         |
| BUT_KIMP_B    | RAB: Button Impedance Coeff B                          | 0.000000         |
| C_WS          | Overpressure correction to Sw and M                    | 1.000000         |
| CHI_RM        | Caliper High limit from BS (RM)                        | 2.000000         |
| CLO_RM        | Caliper Low limit from BS (RM)                         | 0.000000         |
| COEF_M        | User Defined FEXP in Clean Sand                        | 1.650000         |
| DBUTTON_K_    | RAB: Button Deep K factor                              | 0.004493         |
| DEVI          | Well Section Deviation                                 | 0.200000         |
| DHS_VERSION   | RAB: DownHole Software Version                         | 6.101400         |
| DTIK_SEL      | ADN: Density Tick Channel Name                         | LSAZ             |
| DTMUD         | Delta-T for Mud  | 205.435196       |
| DYN_IMG_CO    | Generate Dynamic Normalized Image?                     | YES              |
| ENVCOR        | Neutron Quadrant Processing: Environmental Correction? | YES              |
| EVRL          | EVR Process averaging number of samples (RM)           | 49               |
| FEXP          | Formation Factor Exponent(RM)                          | 2.000000         |
| FNUM          | Formation Factor Enumerator(RM)                        | 1.000000         |
| FPHI_RM       | Formation Factor Porosity Source (RM)                  | XPLOT            |
| GCSE          | Generalized Caliper Selection                          | BS               |
| GR_BHC_TOO    | RAB: Gamma-Ray Borehole Coeff 1                        | 6.750000         |
| HPS           | ADSE-EB (High Pressure Inconel Chassis)?               | YES              |
| IBS           | Intergal Blade Stabilizer Collar?                      | NO               |
| IDQT          | Image Derived Quality Threshold                        | 2.000000         |
| IHVS          | Integrated Hole Volume Start Value(RM)                 | 0.000000         |
| IMAGE_MAX_    | Image PEF(Segment) Right Scale                         | 6.000000         |
| IMAGE_MAX_    | Image RHOB(Segment) Right Scale                        | 2.650000         |
| IMAGE_MAX_    | Image SOA (Quadrant) Right Scale                       | 2.500000         |
| IMAGE_MAX_    | RAB: GR Image Maximum Scale Value                      | 120.000000       |
| IMAGE_MAX_    | RAB: Image Maximum Resistivity Value                   | 3.000000         |
| IMAGE_MIN_    | Image PEF(Segment) Left Scale                          | 2.000000         |
| IMAGE_MIN_    | Image RHOB(Segment) Left Scale                         | 2.050000         |
| IMAGE_MIN_    | Image SOA (Quadrant) Left Scale                        | 0.000000         |
| IMAGE_MIN_    | RAB: GR Image Minimum Scale Value                      | 20.000000        |
| IMAGE_MIN_    | RAB: Image Minimum Resistivity Value                   | 1.000000         |
| JSD_RAB       | RAB Acquisition start date                             | 1.000000         |
| LITHO_TYPE    | Lithology (RM)   | SAND             |
| MAG_DECL_R    | RAB: Magnetic Declination                              | 17.699999        |
| MAG_INCL_R    | RAB: Magnetic Dip                                      | 66.409988        |
| MBUTTON_K_    | RAB: Button Medium K Factor                            | 0.004767         |
| MST_RM        | Mud Sample temperature (RM)                            | 75.000000        |
| MW_RM         | Mud Weight (RM)  | 8.330000         |
| N1FTU_6_RM    | ADN: Neutron Bank 1 Far Tubes used :                   | 1-2-3            |
| N2FTU_6_RM    | ADN: Neutron Bank 2 Far Tubes used :                   | 1-2-3            |
| NNTU_RM       | ADN Neutron Near Banks Used                            | 1-2              |
| NTIK_SEL      | ADN: Neutron Tick Channel Name                         | FR11             |
| OBM           | RAB: Oil base Mud                                      | NO               |
| OBMF_RM       | Oil Based Mud  | NO               |
| ORIENTATION   | Rab Image Orientation                                  | NORTH            |
| RAB_BIT_EC    | Bit Resistivity for ECAL_RAB?                          | YES              |
| RAB_BIT_IN    | Input Bit Resistivity for Inversion?                   | YES              |
| RAB_CALIPE    | Compute ECAL_RAB?                                      | NO               |
| RAB_DEEPBT    | Deep Button Resistivity for ECAL_RAB?                  | YES              |
| RAB_DEEPBT    | Input Deep Button Resistivity for Inversion?           | YES              |
| RAB_INVERS    | Continuity Multiplier[0,1]                             | 0.500000         |
| RAB_INVERS    | Ending Depth for GR Cutoff in Zone1                    | 100000.000000    |
| RAB_INVERS    | Ending Depth of Zone10                                 | -999.250000      |
| RAB_INVERS    | Ending Depth of Zone2                                  | -999.250000      |
| RAB_INVERS    | Ending Depth of Zone3                                  | -999.250000      |
| RAB_INVERS    | Ending Depth of Zone4                                  | -999.250000      |
| RAB_INVERS    | Ending Depth of Zone5                                  | -999.250000      |
| RAB_INVERS    | Ending Depth of Zone6                                  | -999.250000      |
| RAB_INVERS    | Ending Depth of Zone7                                  | -999.250000      |
| RAB_INVERS    | Ending Depth of Zone8                                  | -999.250000      |
| RAB_INVERS    | Ending Depth of Zone9                                  | -999.250000      |
| RAB_INVERS    | Formation Water Resistivity                            | 0.100000         |
| RAB_INVERS    | Formation Water Temperature                            | 150.000000       |
| RAB_INVERS    | GR Cutoff for Shale Formation                          | 75.000000        |
| RAB_INVERS    | GR Cutoff for Shale Formation in Zone1                 | 75.000000        |
| RAB_INVERS    | GR Cutoff in Zone10                                    | 75.000000        |
| RAB_INVERS    | GR Cutoff in Zone2                                     | 75.000000        |
| RAB_INVERS    | GR Cutoff in Zone3                                     | 75.000000        |

|            |   |             |
|------------|---|-------------|
| RAB_INVERS | GR Cutoff in Zone4                                  | 75.000000   |
| RAB_INVERS | GR Cutoff in Zone5                                  | 75.000000   |
| RAB_INVERS | GR Cutoff in Zone6                                  | 75.000000   |
| RAB_INVERS | GR Cutoff in Zone7                                  | 75.000000   |
| RAB_INVERS | GR Cutoff in Zone8                                  | 75.000000   |
| RAB_INVERS | GR Cutoff in Zone9                                  | 75.000000   |
| RAB_INVERS | GR of Clean Sand Formation                          | -999.250000 |
| RAB_INVERS | GR of Shale Formation                               | -999.250000 |
| RAB_INVERS | Inversion Threshold[0, 0.3]                         | 0.010000    |
| RAB_INVERS | Perform Rt Inversion?                               | NO          |
| RAB_INVERS | RAB Bit Sensor Weight for Inversion[0,1]            | 1.000000    |
| RAB_INVERS | RAB Deep Button Sensor Weight for Inversion[0,1]    | 1.000000    |
| RAB_INVERS | RAB inversion for Dh?                               | YES         |
| RAB_INVERS | RAB inversion for Di?                               | YES         |
| RAB_INVERS | RAB inversion for Rmud?                             | NO          |
| RAB_INVERS | RAB inversion for Rt?                               | YES         |
| RAB_INVERS | RAB inversion for Rxo?                              | YES         |
| RAB_INVERS | RAB Medium Button Sensor Weight for Inversion[0,1]  | 1.000000    |
| RAB_INVERS | RAB Ring Sensor Weight for Inversion[0,1]           | 1.000000    |
| RAB_INVERS | RAB Shallow Button Sensor Weight for Inversion[0,1] | 1.000000    |
| RAB_INVERS | Resistive Invasion Allowed                          | NO          |
| RAB_INVERS | Resistivity Cutoff for Shale Formation              | 2.000000    |
| RAB_INVERS | Rt to R-deepest separation penalty multiplier[0,1]  | 0.500000    |
| RAB_MEDIUM | Input Medium Button Resistivity for Inversion?      | YES         |
| RAB_MEDIUM | Medium Button Resistivity for ECAL_RAB?             | YES         |
| RAB_QUAD   | RAB: Process Quadrant data ?                        | YES         |
| RAB_RIGMOD | Bit on Bottom?                                      | YES         |
| RAB_RING E | Ring Resistivity for ECAL_RAB?                      | YES         |
| RAB_RING I | Input RING Resistivity for Inversion?               | YES         |
| RAB_SHALLO | Input Shallow Button Resistivity for Inversion?     | YES         |
| RAB_SHALLO | Shallow Button Resistivity for ECAL_RAB?            | YES         |
| RAB_TAB    | RAB: Compute TAB ?                                  | YES         |
| RAB_TECHLO | RAB: Generate Techlog ?                             | YES         |
| RAB_TEMP S | RAB Temperature Selection                           | INTERPOLATE |
| RAB_TICKS  | RAB: Generate Ticks ?                               | YES         |
| RABBDA0    | RAB: Button Deep A0 Coeff                           | -0.031054   |
| RABBDA1    | RAB: Button Deep A1 Coeff                           | 0.012039    |
| RABBDA2    | RAB: Button Deep A2 Coeff                           | -0.002520   |
| RABBDA3    | RAB: Button Deep A3 Coeff                           | 0.000234    |
| RABBDA4    | RAB: Button Deep A4 Coeff                           | -0.000008   |
| RABBDA5    | RAB: Button Deep A5 Coeff                           | 0.000000    |
| RABBDMIN   | RAB: Button Deep Minimum Value                      | 0.049941    |
| RABBITA0   | RAB: Bit A0 Coeff                                   | 0.743216    |
| RABBITA1   | RAB: Bit A1 Coeff                                   | -0.670579   |
| RABBITA2   | RAB: Bit A2 Coeff                                   | 0.381407    |
| RABBITA3   | RAB: Bit A3 Coeff                                   | -0.095540   |
| RABBITA4   | RAB: Bit A4 Coeff                                   | 0.008718    |
| RABBITA5   | RAB: Bit A5 Coeff                                   | 0.000000    |
| RABBITMIN  | RAB: Bit Minimum Value                              | 21.288700   |
| RABBMA0    | RAB: Button Medium A0 Coeff                         | -0.042657   |
| RABBMA1    | RAB: Button Medium A1 Coeff                         | 0.017752    |
| RABBMA2    | RAB: Button Medium A2 Coeff                         | -0.003932   |
| RABBMA3    | RAB: Button Medium A3 Coeff                         | 0.000387    |
| RABBMA4    | RAB: Button Medium A4 Coeff                         | -0.000014   |
| RABBMA5    | RAB: Button Medium A5 Coeff                         | 0.000000    |
| RABBMMIN   | RAB: Button Medium Minimum Value                    | 0.055926    |
| RABBSA0    | RAB: Button Shallow A0 Coeff                        | -0.058381   |
| RABBSA1    | RAB: Button Shallow A1 Coeff                        | 0.024466    |
| RABBSA2    | RAB: Button Shallow A2 Coeff                        | -0.005376   |
| RABBSA3    | RAB: Button Shallow A3 Coeff                        | 0.000526    |
| RABBSA4    | RAB: Button Shallow A4 Coeff                        | -0.000018   |
| RABBSA5    | RAB: Button Shallow A5 Coeff                        | 0.000000    |
| RABBSMIN   | RAB: Button Shallow Minimum Value                   | 0.077776    |
| RABDHS     | RAB Down Hole Software                              | 4.000000    |
| RABEC      | RAB: Resistivity Env-Cor                            | YES         |
| RABRNGA0   | RAB: RING A0 Coeff                                  | -0.025301   |
| RABRNGA1   | RAB: RING A1 Coeff                                  | 0.009433    |
| RABRNGA2   | RAB: RING A2 Coeff                                  | -0.001901   |
| RABRNGA3   | RAB: RING A3 Coeff                                  | 0.000167    |
| RABRNGA4   | RAB: RING A4 Coeff                                  | -0.000005   |
| RABRNGA5   | RAB: RING A5 Coeff                                  | 0.000000    |
| RABRNGMIN  | RAB: Ring Minimum Value                             | 1.578150    |
| READOUT_PO | RAB: ROP to Bit Face Distance                       | 10.662729   |
| RHOF_RM    | Mud Filtrate Density (RM)                           | 1.000000    |
| RHOM_RM    | Matrix density (RM)                                 | 2.650000    |
| RING_K_FAC | RAB: Ring K Factor                                  | 0.149539    |
| RING_KIMP  | RAB: Ring Impedance Coeff A                         | 0.000000    |
| RING_KIMP  | RAB: Ring Impedance Coeff B                         | 0.000000    |
| RINGBHCA   | RAB: Ring Borehole A Factor                         | 0.295893    |
| RINGBHCB   | RAB: Ring Borehole B Factor                         | 0.000000    |
| RMS_RM     | Resistivity of Mud Sample (RM)                      | 0.190000    |
| RWA_COMP_M | Rwa computation model                               | BASIC       |
| RWA_DEN_AD | Rwa Density Input                                   | RHOB        |
| RWA_DEN_CD | Rwa Density Input                                   | RHOB        |
| RWA_DEN_IN | Rwa Density Input                                   | RHOB        |
| RWA_FORM_M | Rwa computation formation model                     | CLASTIC     |
| RWA_RES_IN | Rwa computation resistivity input                   | RT          |
| RWS_RM     | Resistivity of Connate Water (RM)                   | 1.000000    |
| SBUTTON_K  | RAB: Button Shallow K Factor                        | 0.006487    |
| SCALE_IMAG | RAB: Process Image Data                             | YES         |
| SHT_RM     | Surface Hole Temperature (RM)                       | -115.000000 |
| SOCNL      | Standoff Distance of the CNL Tool                   | 1.000000    |
| SSIZ_ADN   | ADN Stabilizer Size                                 | 9.500000    |
| STAB       | RAB: Run with Stabilizer                            | YES         |
| STOH       | ADN Density Top of Hole Sector (Left Boundary):     | SECTOR_0    |

|            |  |               |
|------------|--|---------------|
| TD_RM      | Total Measured Depth (RM)                  | 5278.871094   |
| TFF_OFFSET | RAB Time-Frame File Time Offset            | 0.000000      |
| TIMEFRAME_ | RAB: Time Frame File Name                  | 0.000000      |
| TOOLTYPE_  | RAB: Azimuthal Tool                        | YES           |
| TRPM_RM    | Average Tool Rotational Speed              | 20.000000     |
| TS_VERSION | RAB: ToolScope Software Version            | 6.101400      |
| TWS_RM     | Temperature of Connate Water (RM)          | 75.000000     |
| USMIN_RM   | ADN:Minimum Ultrasonic standoff (RM)       | 0.300000      |
| USWF_RM    | ADN:Process Ultrasonic Waveform?           | YES           |
| VERS_ADN   | ADN Downhole Software Version              | 6.900000      |
| VF_ILLI    | Fraction of illite in shales               | 0.500000      |
| VF_KAOL    | Fraction of kaolinite in shales            | 0.500000      |
| VF_MONT    | Fraction of montmorillonite in shales      | 0.000000      |
| VRAB6      | Rab Tool type (ENP/PILOT)                  | RAB6_C SERIES |
| WIN_SIZE_D | RAB: Window Size for Scaling Dynamic Image | 3.000000      |
| WSDI       | Window Size of Dynamic Normalization Image | 15.000000     |
| XPDM_RM    | Cross plot density proosity multiplier     | 0.675000      |
| XPNM_RM    | Cross plot neutron proosity multiplier     | 0.325000      |

Schlumberger Drilling & Measurements

Parameter Insert Header Software version 1.

## IDEAL Version: ID7\_0C\_02

IDF

Format: GEOVIS\_RES\_5MD

Vertical Scale: 1:200

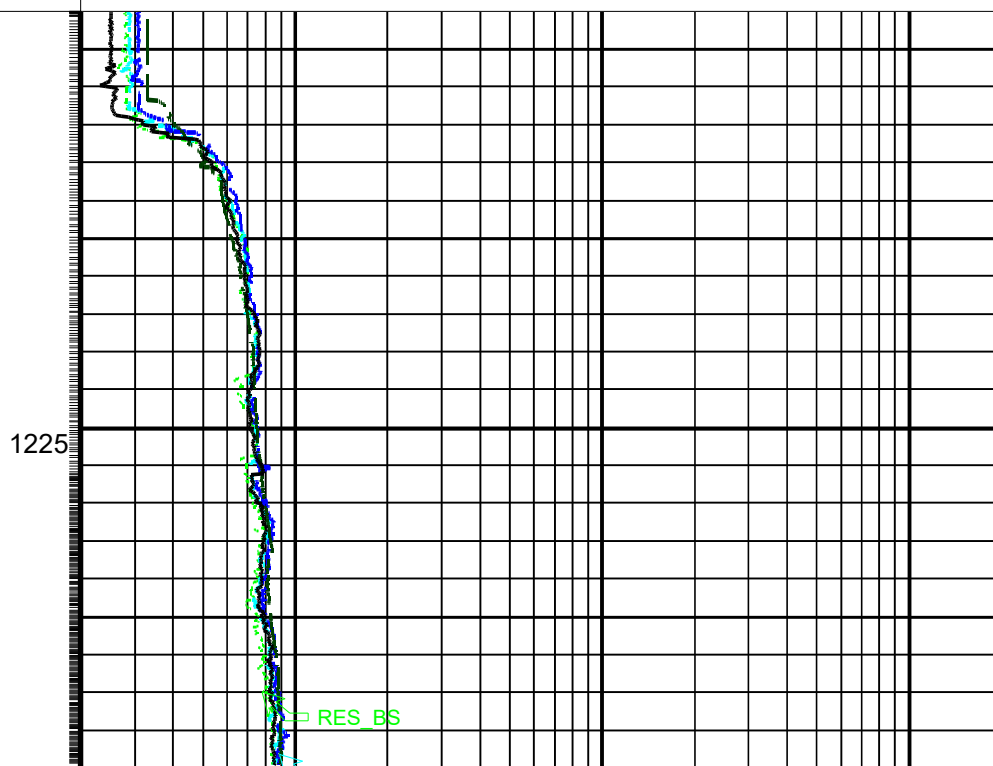
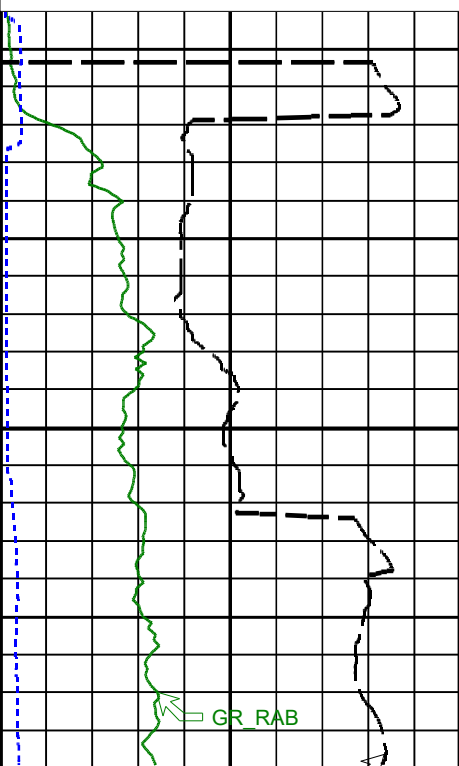
Graphics File Created: 13-Aug-2002 13:38

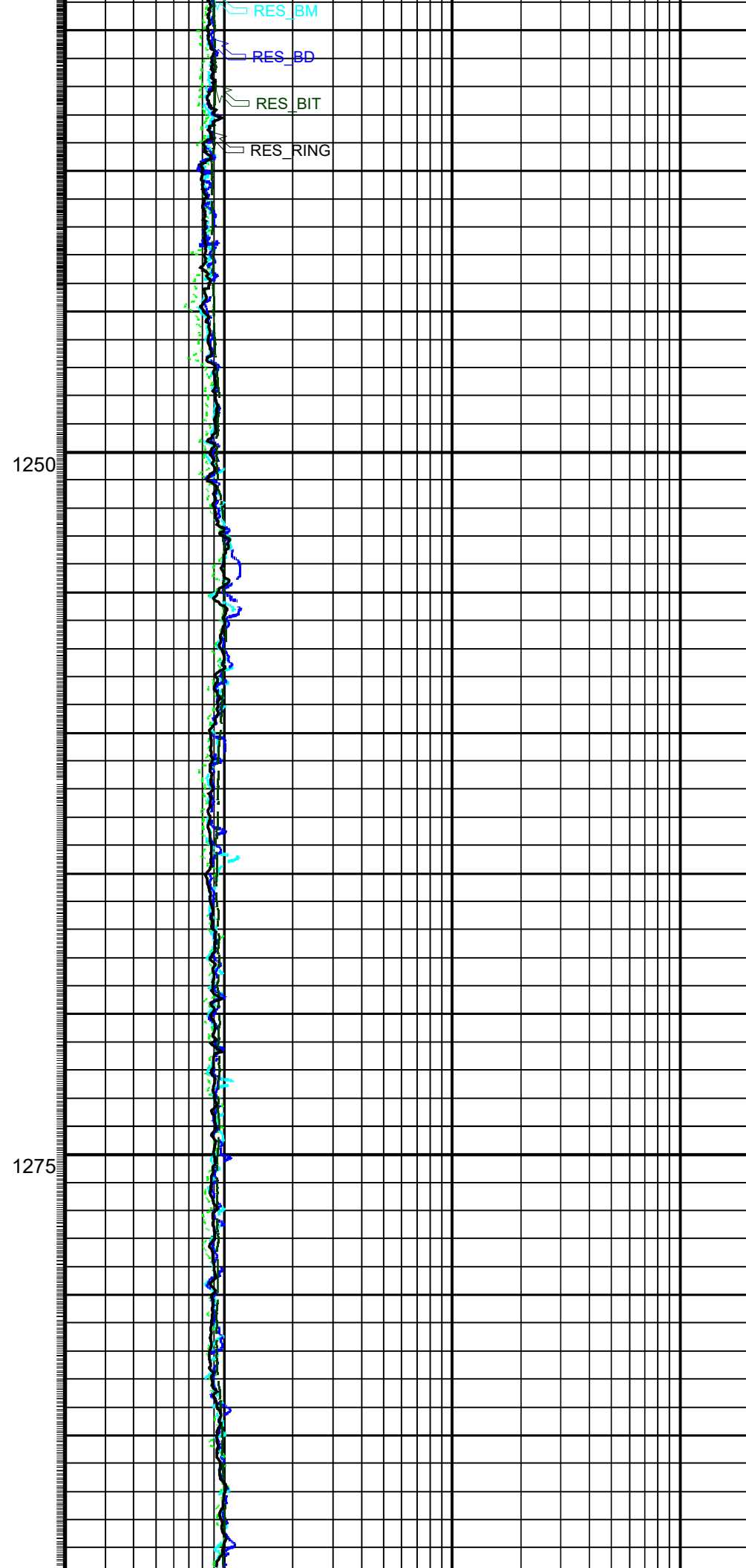
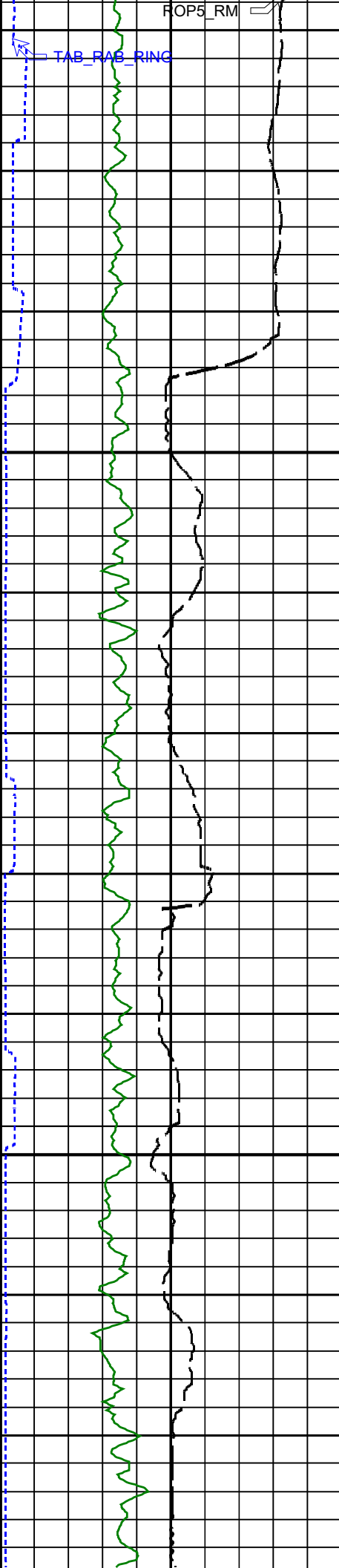
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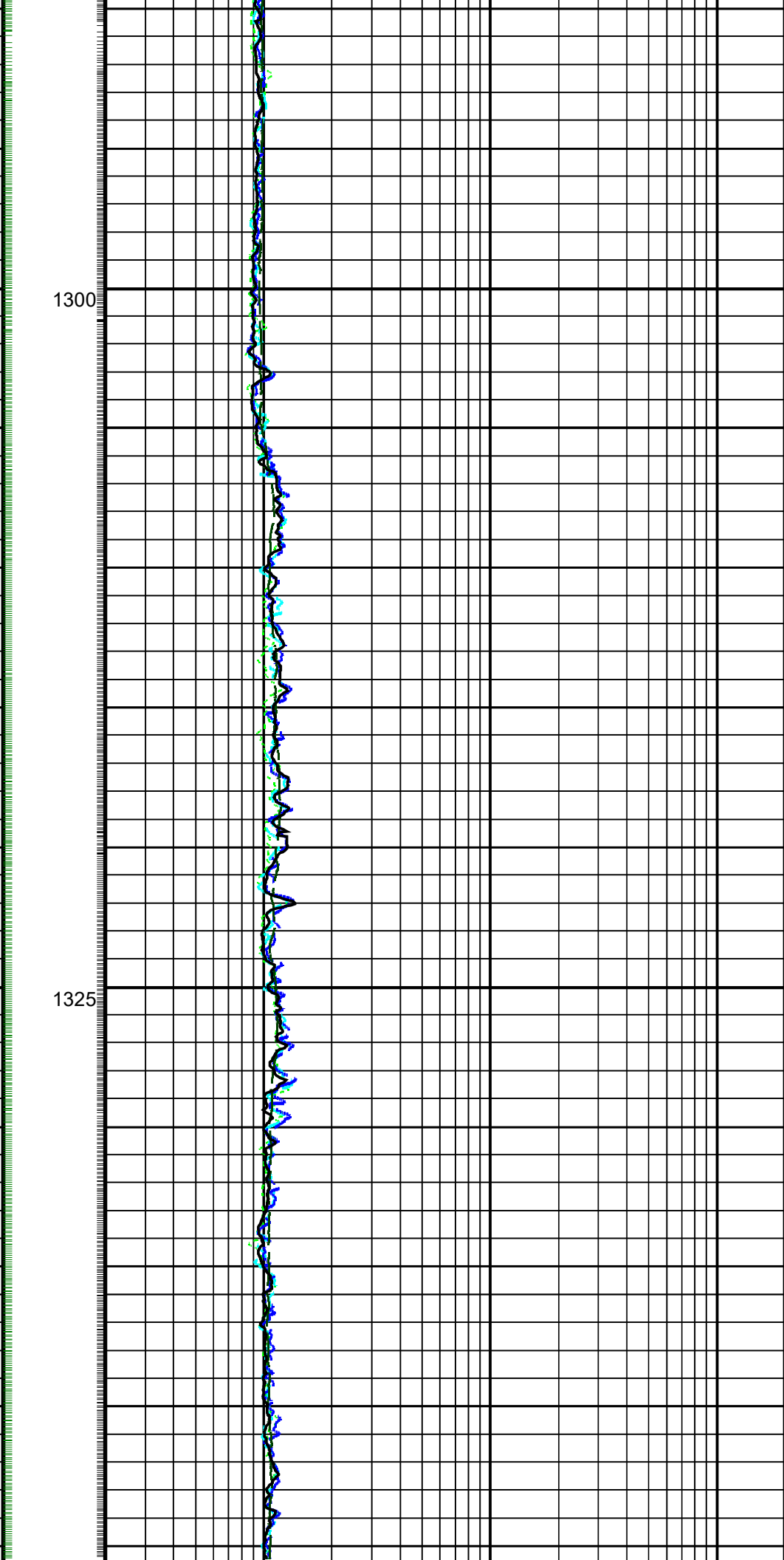
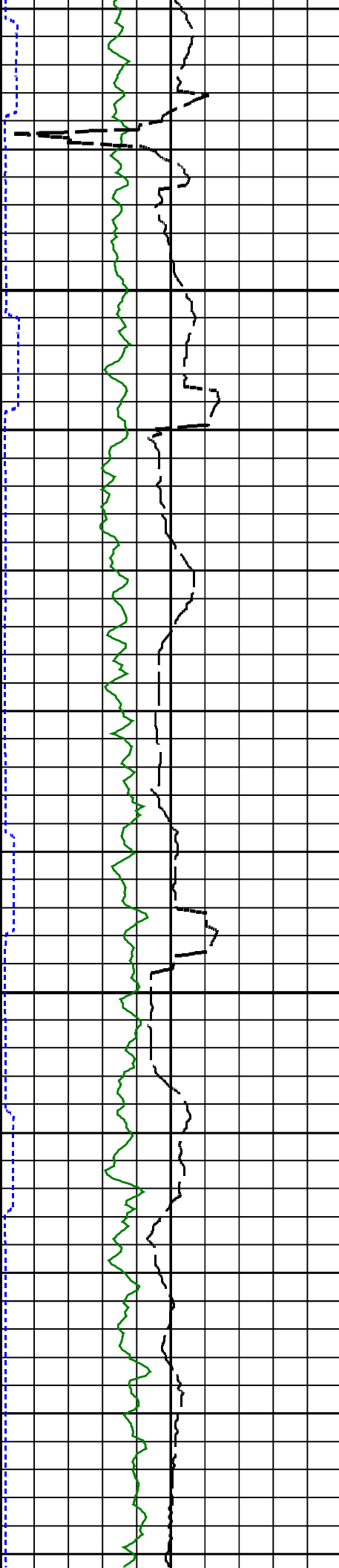
- └ Gamma Ray Samples
- └ Ring Samples

| Ring Resistivity (RES_RING)         |     |
|-------------------------------------|-----|
| 0.2                                 | 200 |
| (OHMM)                              |     |
| Bit Resistivity (RES_BIT)           |     |
| 0.2                                 | 200 |
| (OHMM)                              |     |
| Deep Button Resistivity (RES_BD)    |     |
| 0.2                                 | 200 |
| (OHMM)                              |     |
| Medium Button Resistivity (RES_BM)  |     |
| 0.2                                 | 200 |
| (OHMM)                              |     |
| Shallow Button Resistivity (RES_BS) |     |
| 0.2                                 | 200 |
| (OHMM)                              |     |

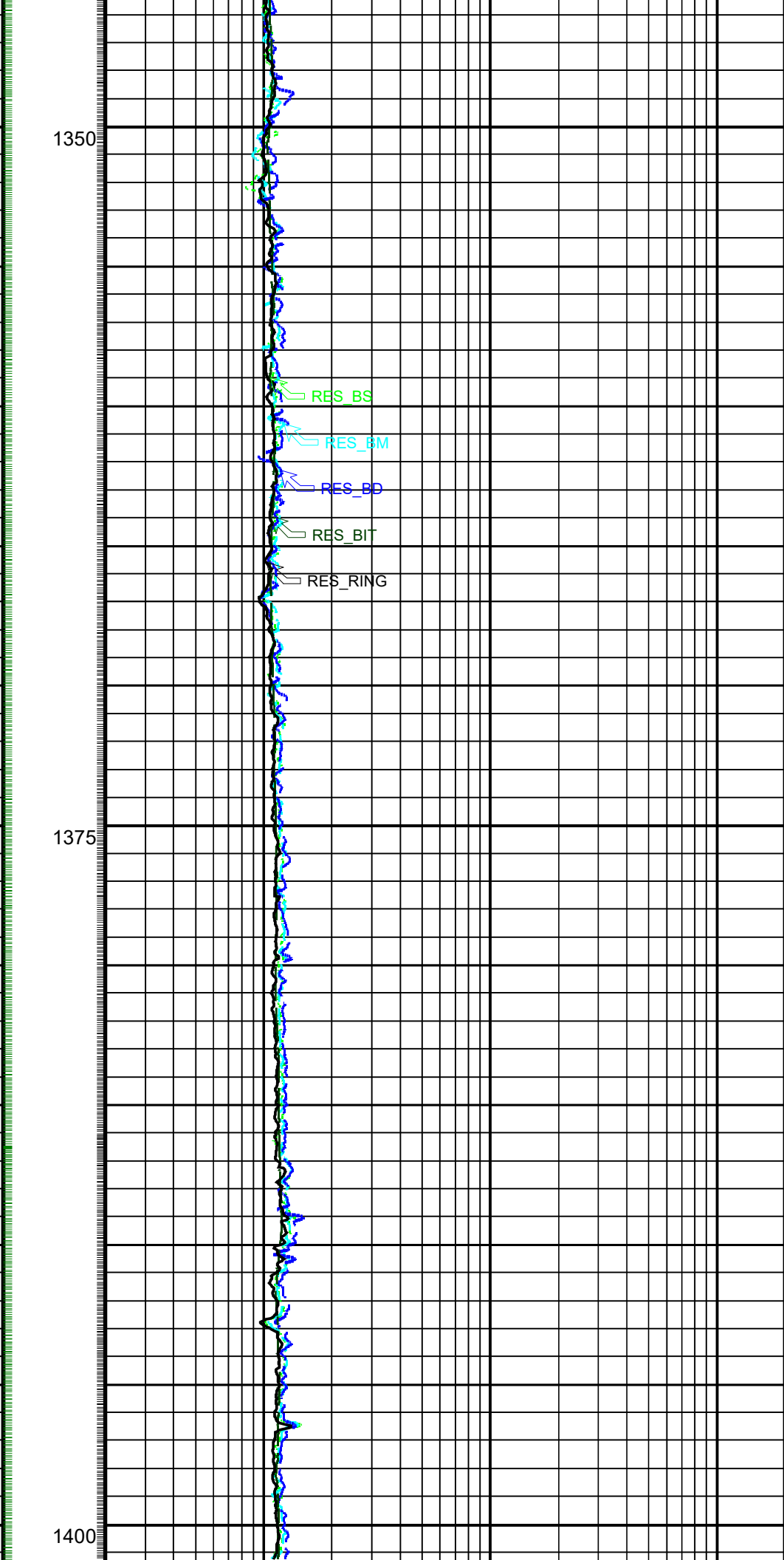
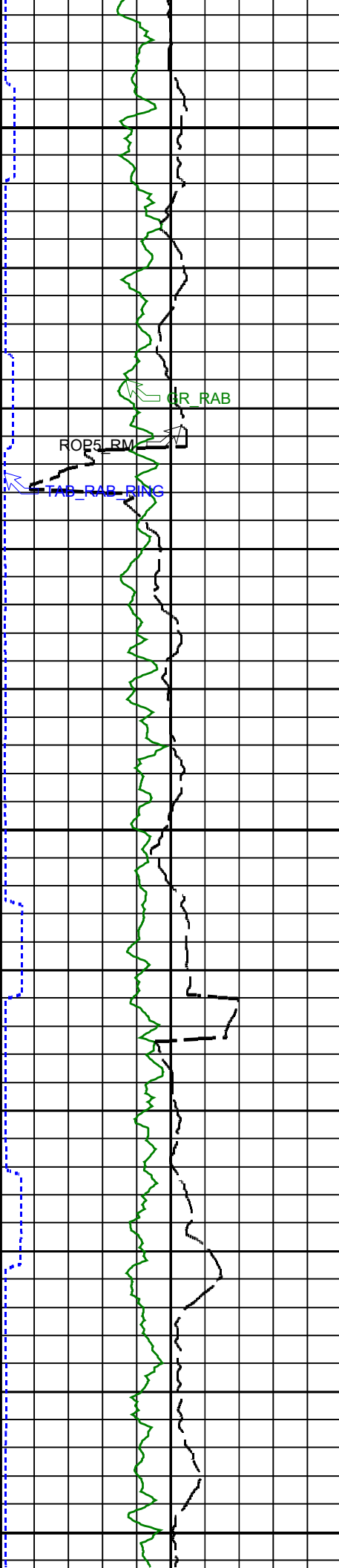
| Ring Resistivity Time After Bit (TAB_RAB_RING) |     |
|--|-----|
| 0  | 5   |
| (HR)   |     |
| ROP: 5 Feet Average (ROP5_RM)                  |     |
| 100  | 0   |
| (M/HR)   |     |
| RAB Gamma Ray (GR_RAB)                         |     |
| 0  | 150 |
| (GAPI)   |     |

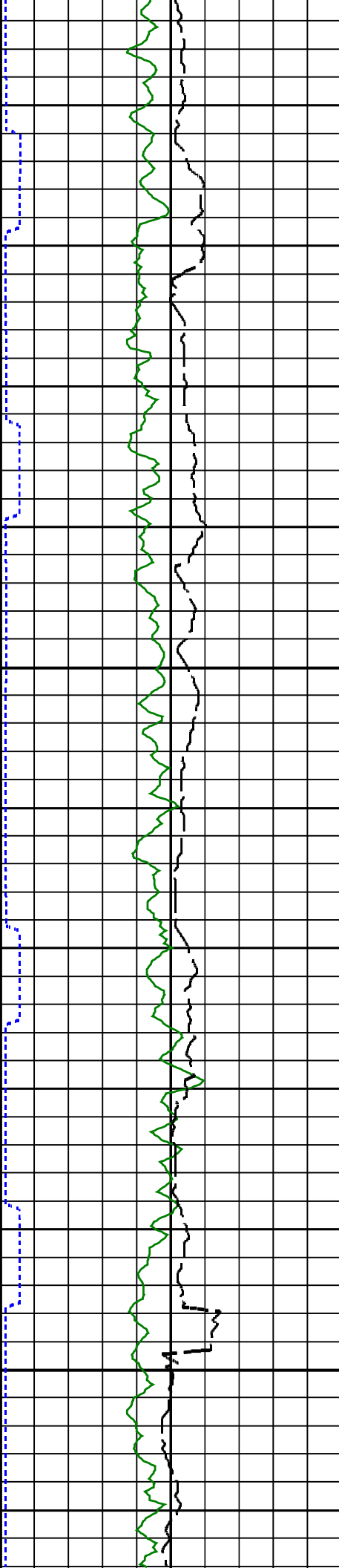






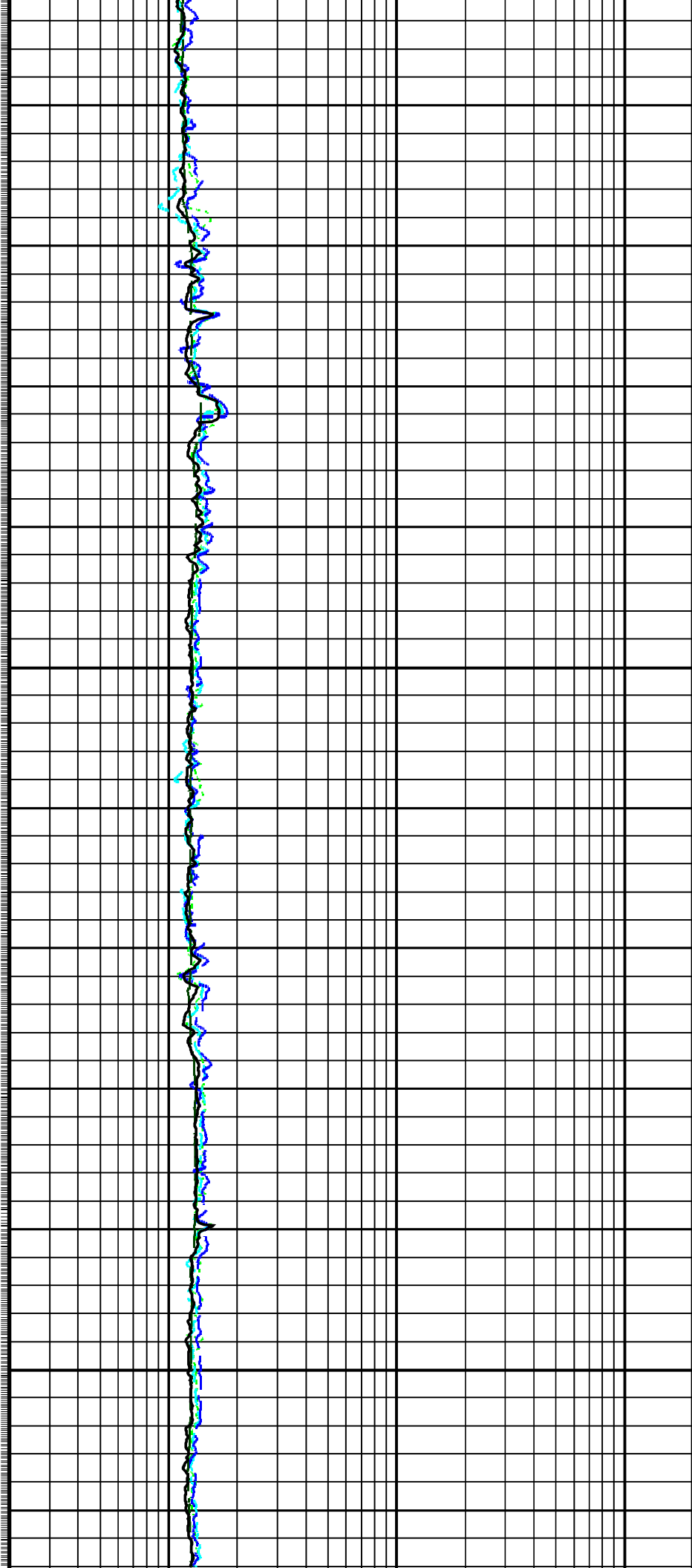


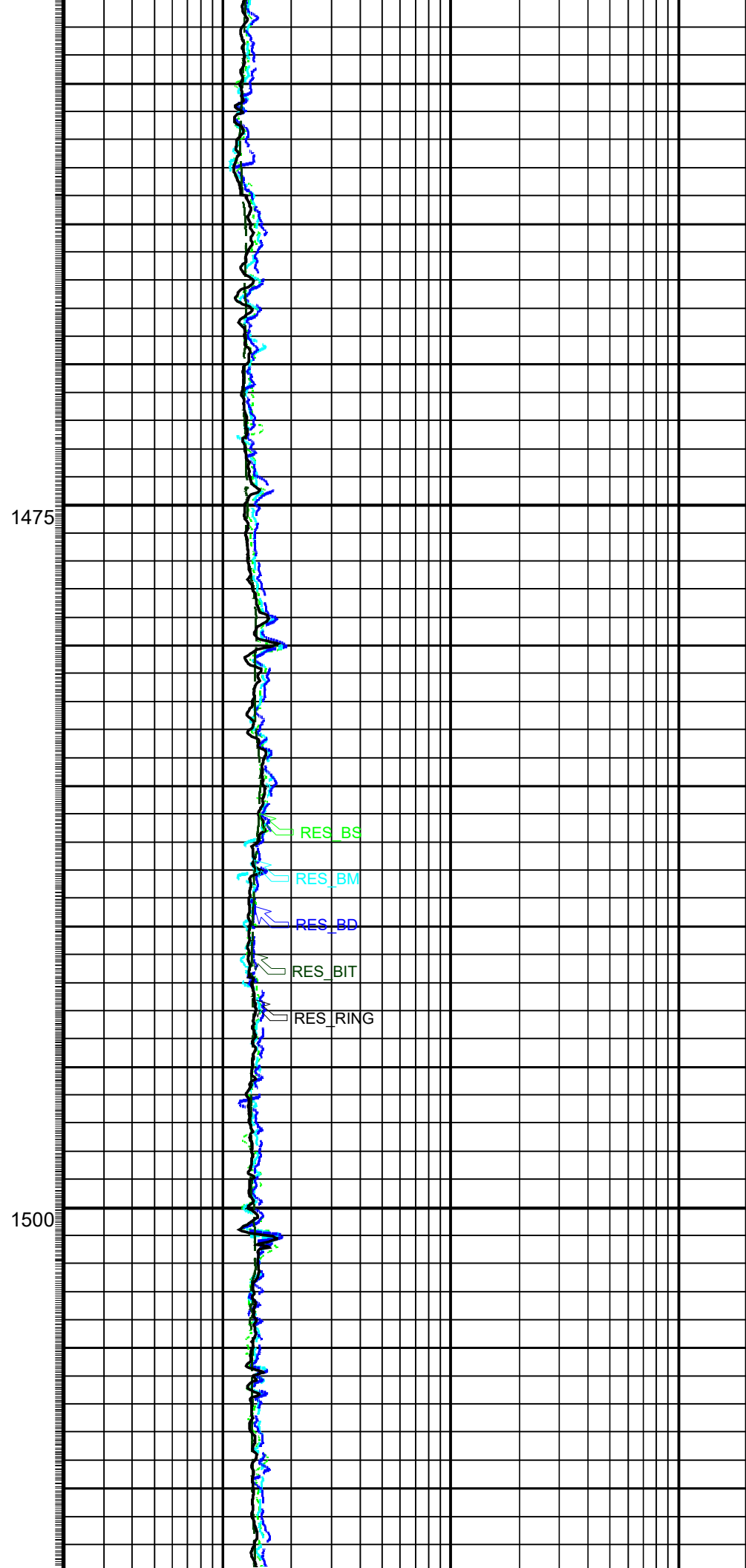
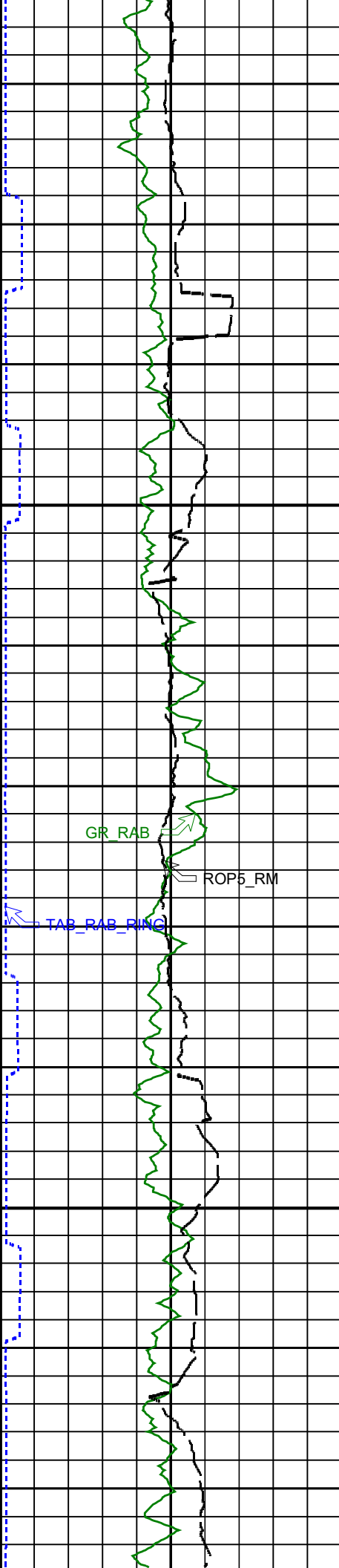


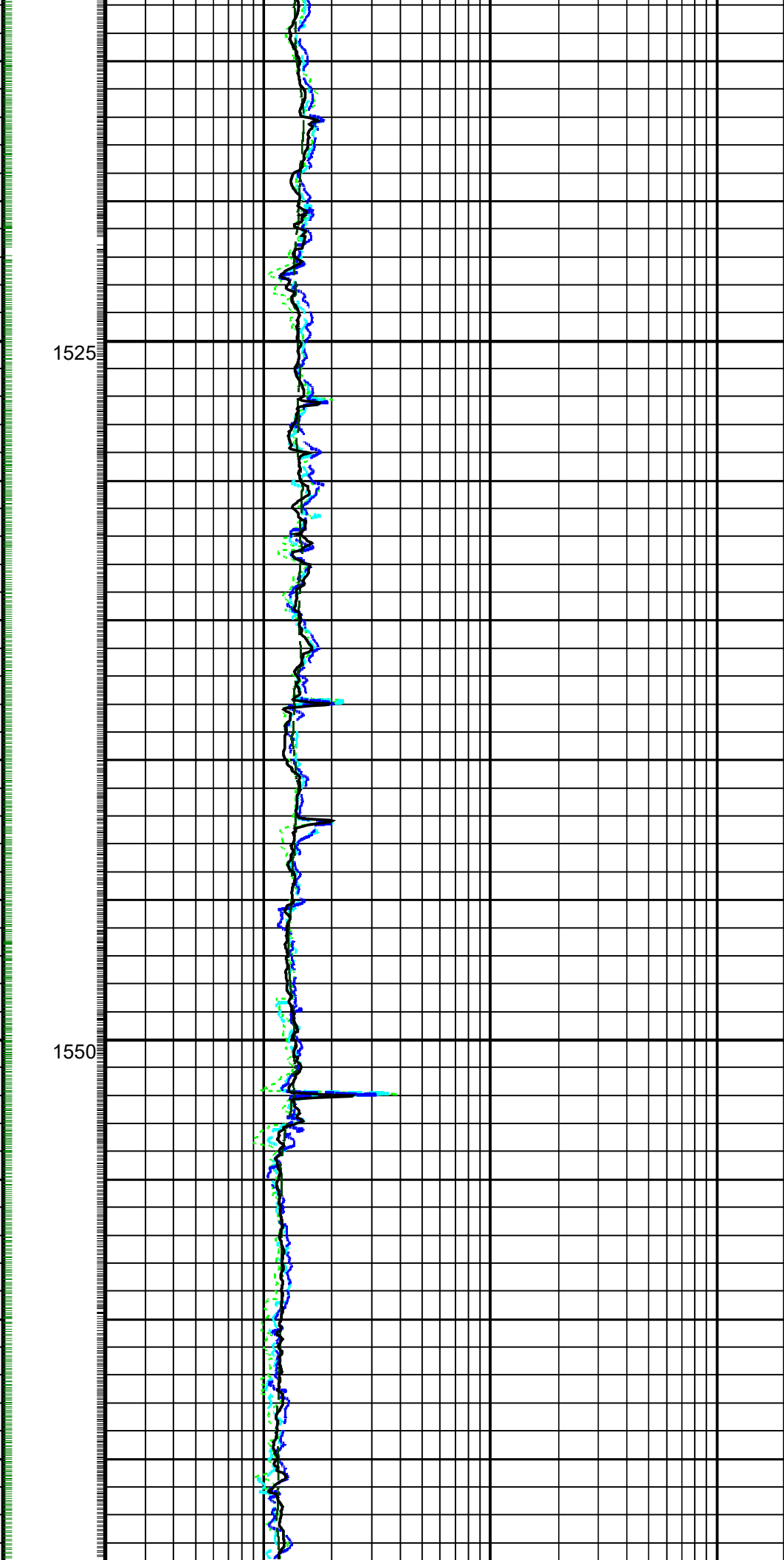
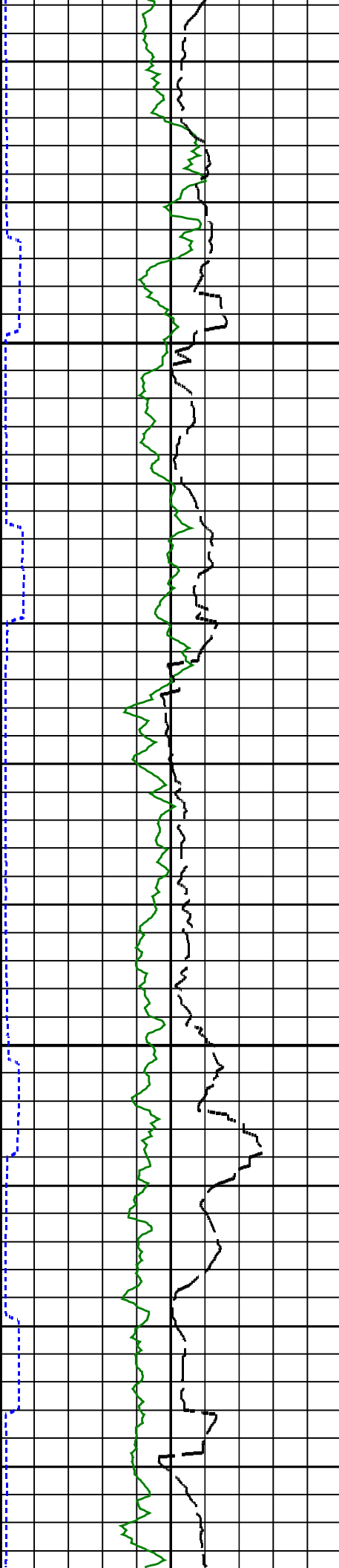


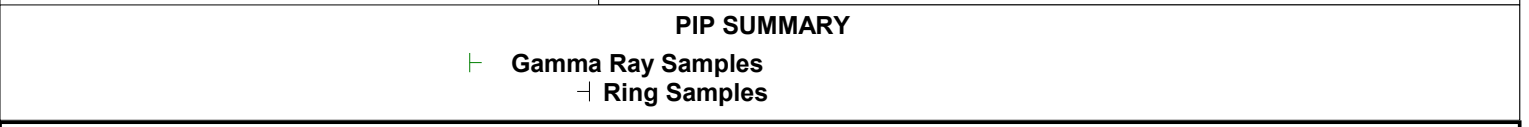
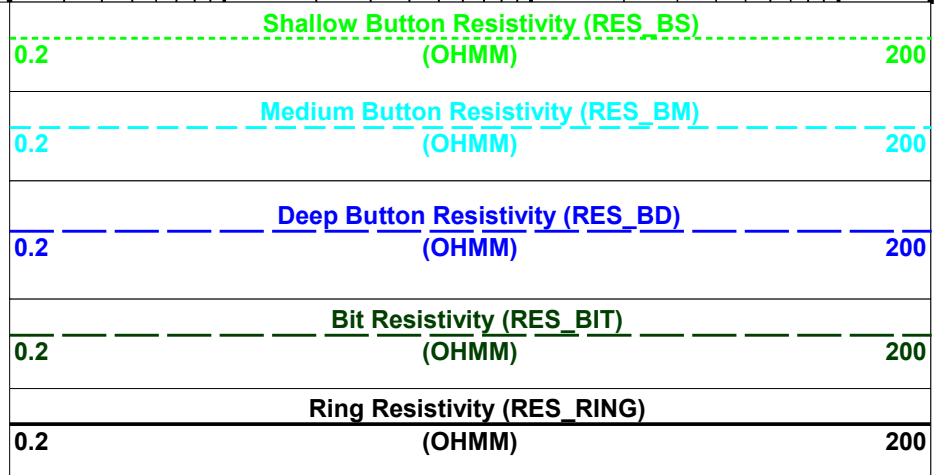
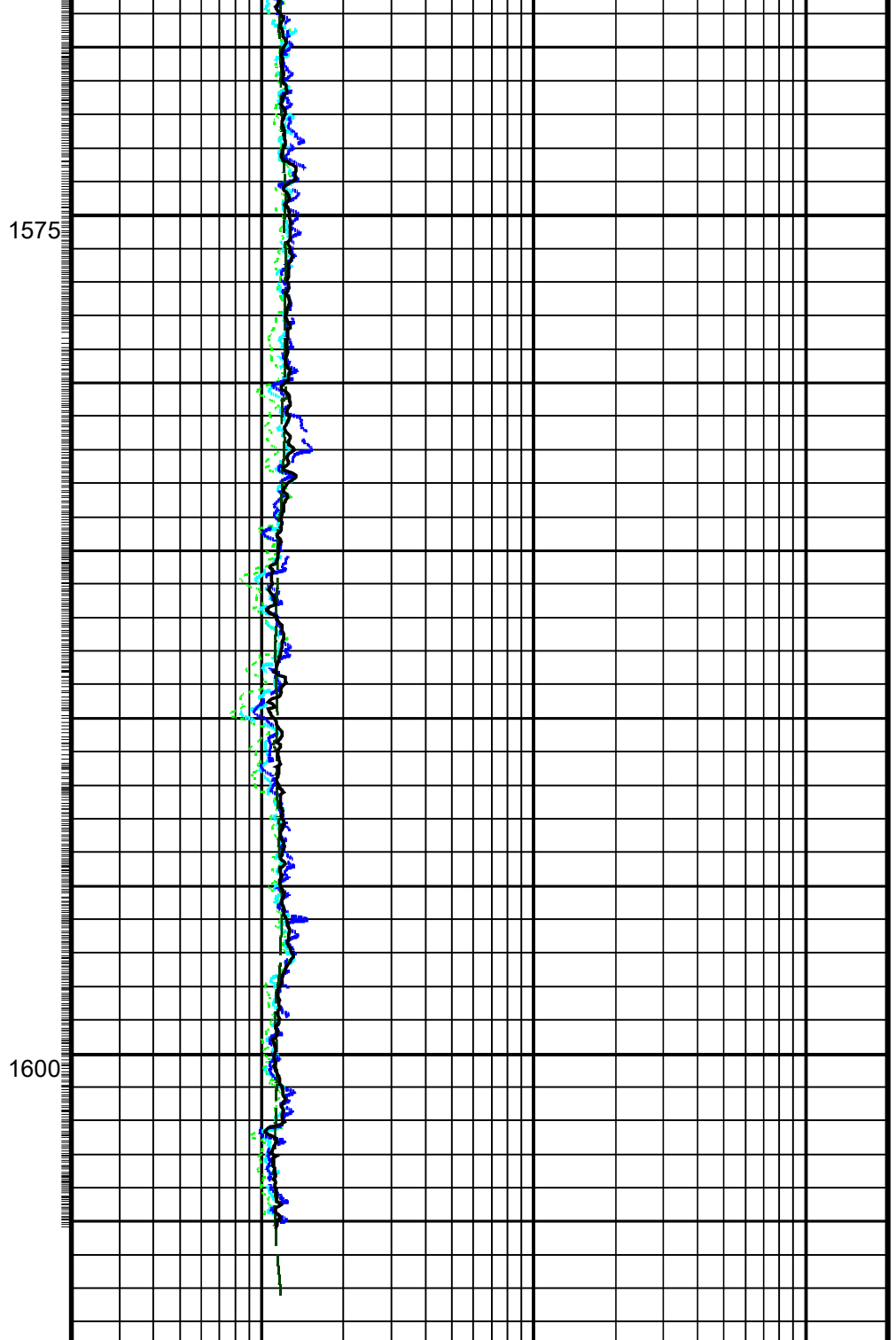
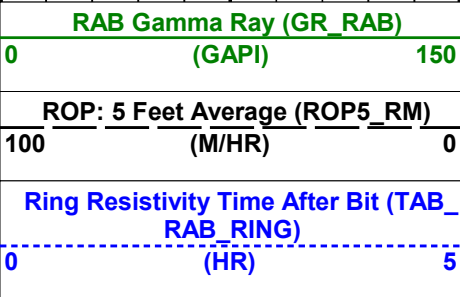
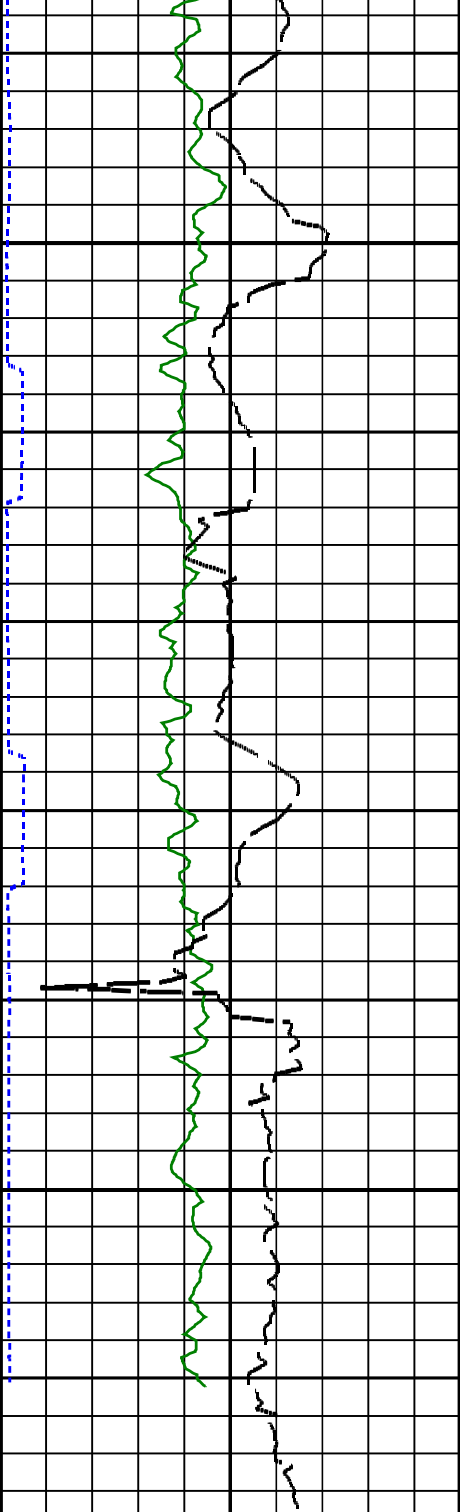
1425

1450









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

Primary Equipment:

Tool Name and Serial Number  
Calibration Status

GVR6 - CA  
Current

164

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6.75-in. Resistivity At-the-Bit Calibration

Resistivity: Fixture

| Phase  | Ring/T1 factor                                   | Value  | Phase  | Ring/T2 factor                                   | Value  | Phase  | M0/T1 factor                                     | Value  |
|--------|--|--------|--------|--|--------|--------|--|--------|
| Master |  | 0.9937 | Master |  | 0.9984 | Master |  | 0.9966 |
|        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |
| Phase  | M0/T2 factor                                     | Value  | Phase  | M2/T1 factor                                     | Value  | Phase  | M2/T2 factor                                     | Value  |
| Master |  | 1.001  | Master |  | 1.001  | Master |  | 1.006  |
|        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |
| Phase  | BTN shallow/T1 factor                            | Value  | Phase  | BTN shallow/T2 factor                            | Value  | Phase  | BTN medium/T1 factor                             | Value  |
| Master |  | 1.003  | Master |  | 1.007  | Master |  | 1.005  |
|        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |
| Phase  | BTN medium/T2 factor                             | Value  | Phase  | BTN deep/T1 factor                               | Value  | Phase  | BTN deep/T2 factor                               | Value  |
| Master |  | 1.009  | Master |  | 1.000  | Master |  | 1.004  |
|        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |        | 0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum) |        |

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6.75-in. Resistivity At-the-Bit Calibration

Gamma Ray: Blanket

| Phase  | Gamma ray factor                                 | Value |
|--------|--|-------|
| Master |  | 1.123 |
|        | 0.7500 (Minimum) 1.000 (Nominal) 1.250 (Maximum) |       |

Company: Lamont Doherty

Schlumberger

Well: ODP Leg 204 Site 1251A

Field: Hydrate Ridge

Ocean: Pacific

State: Oregon

GeoVISION Resistivity

1 cm : 2 m

Measured Depth











