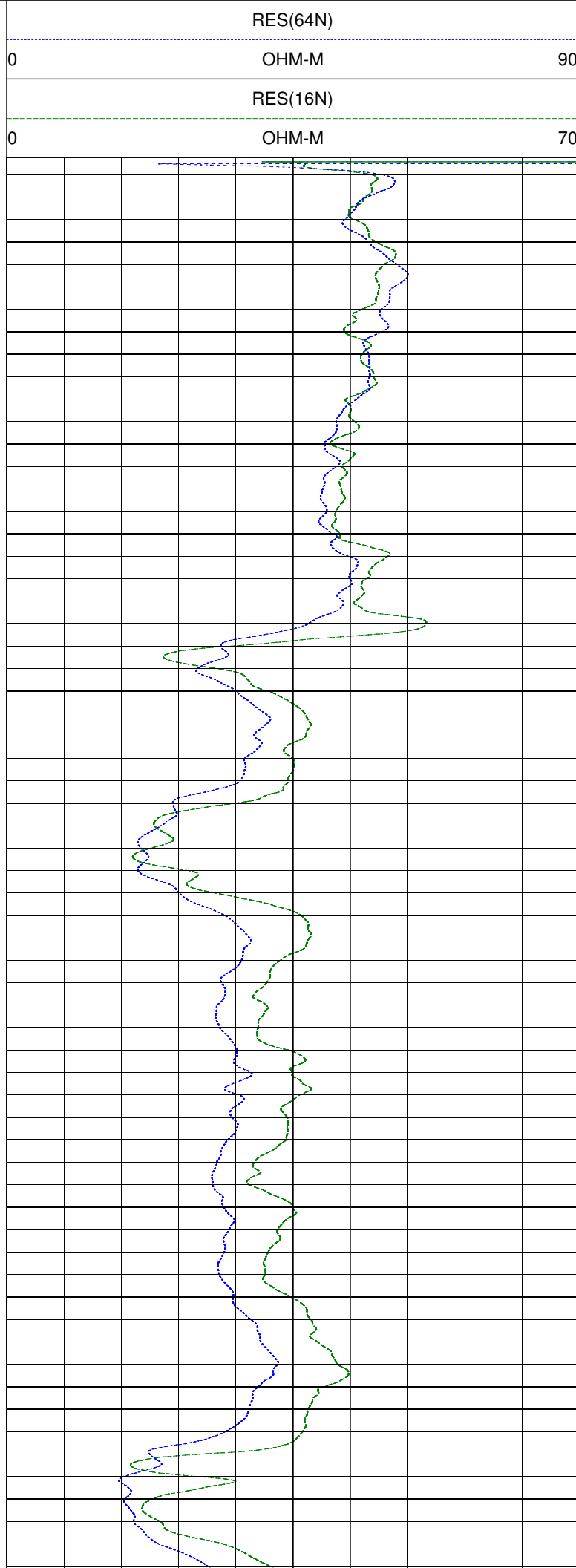
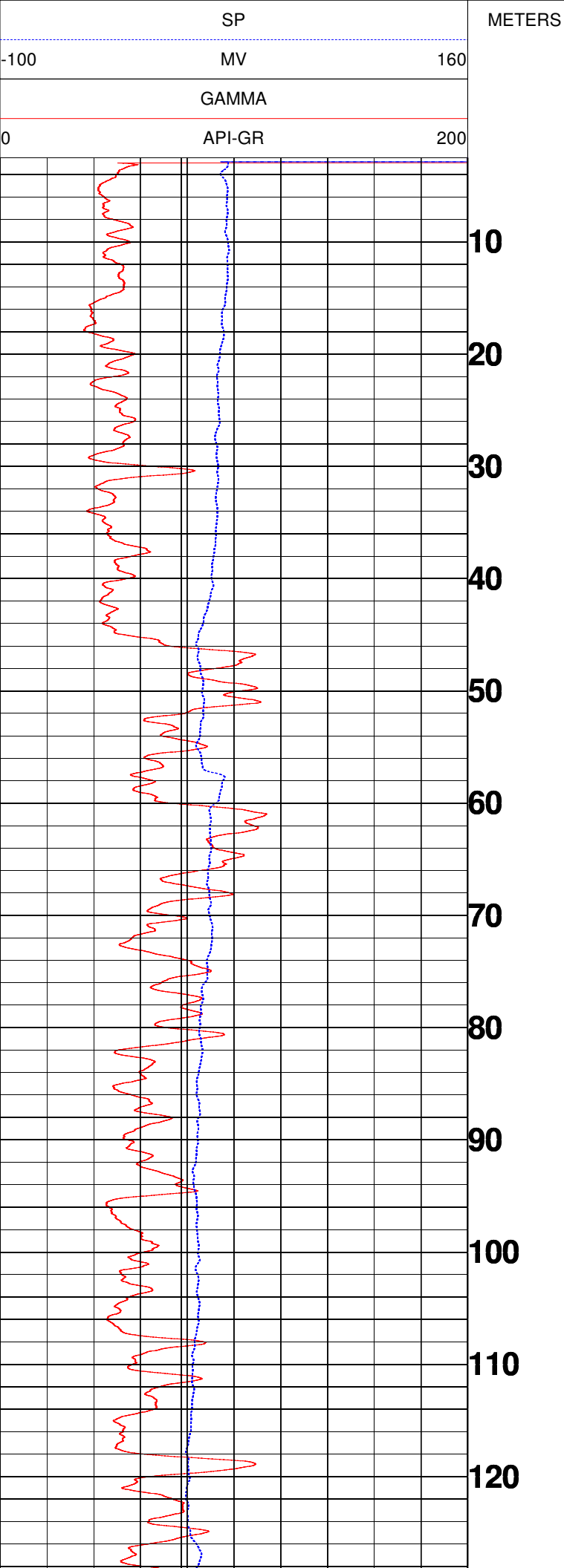


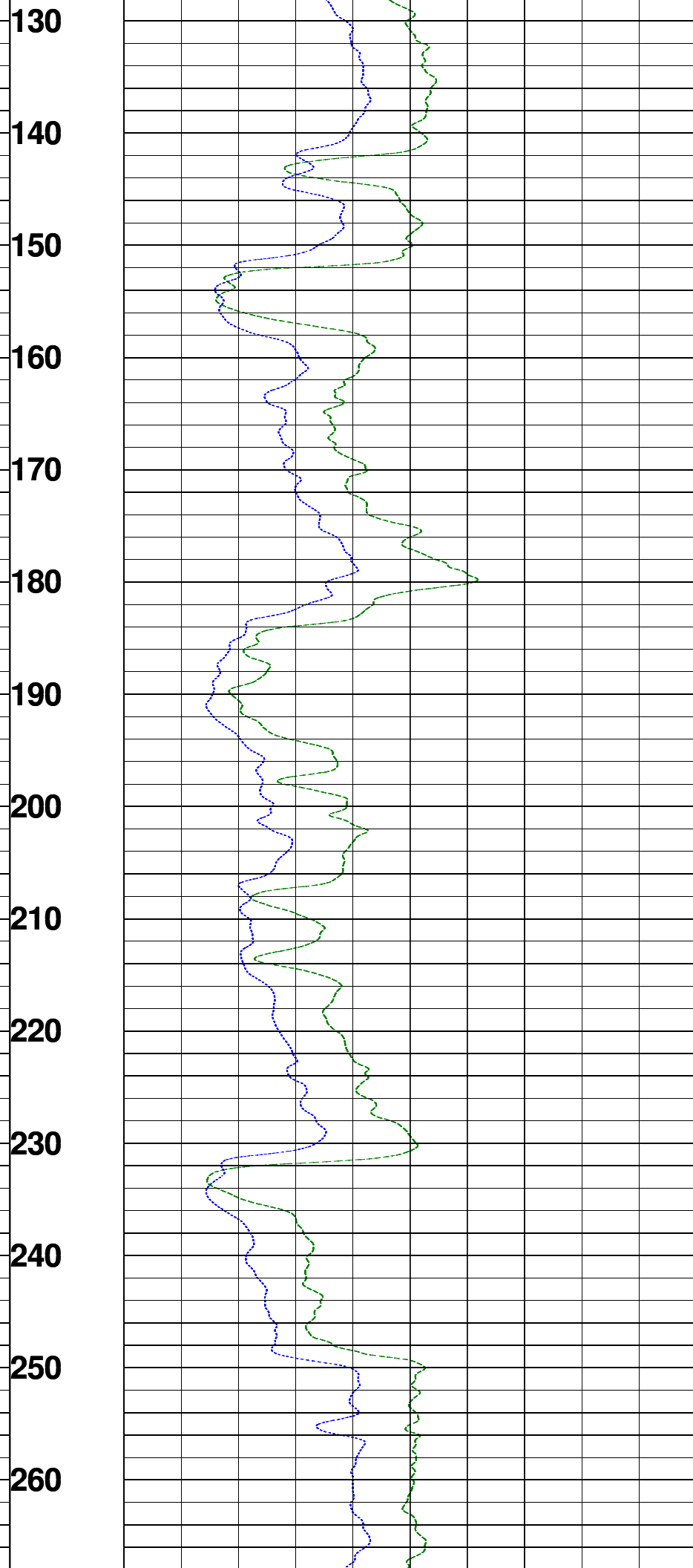
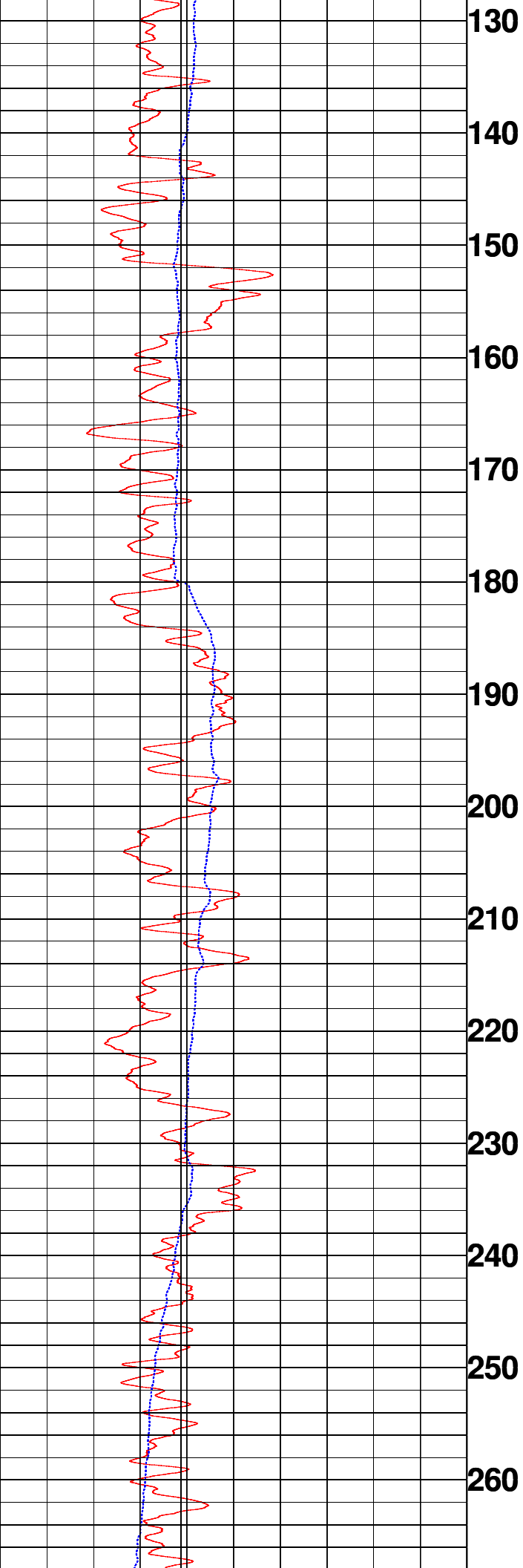


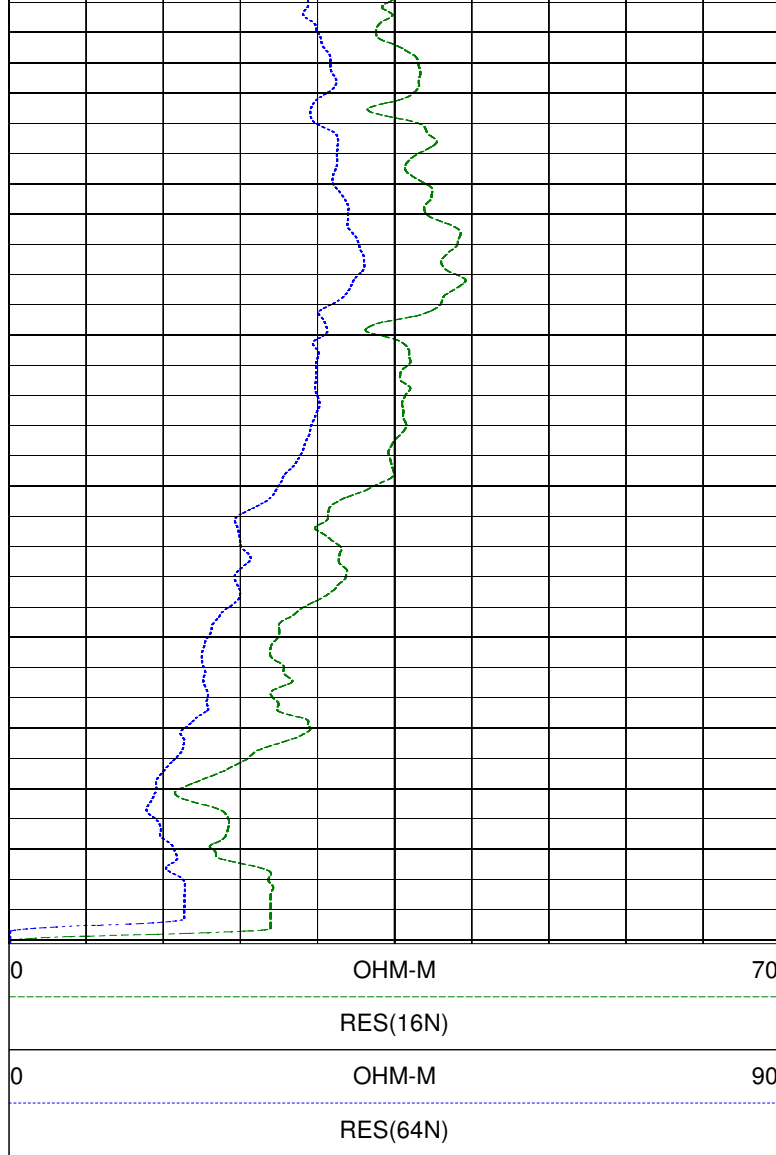
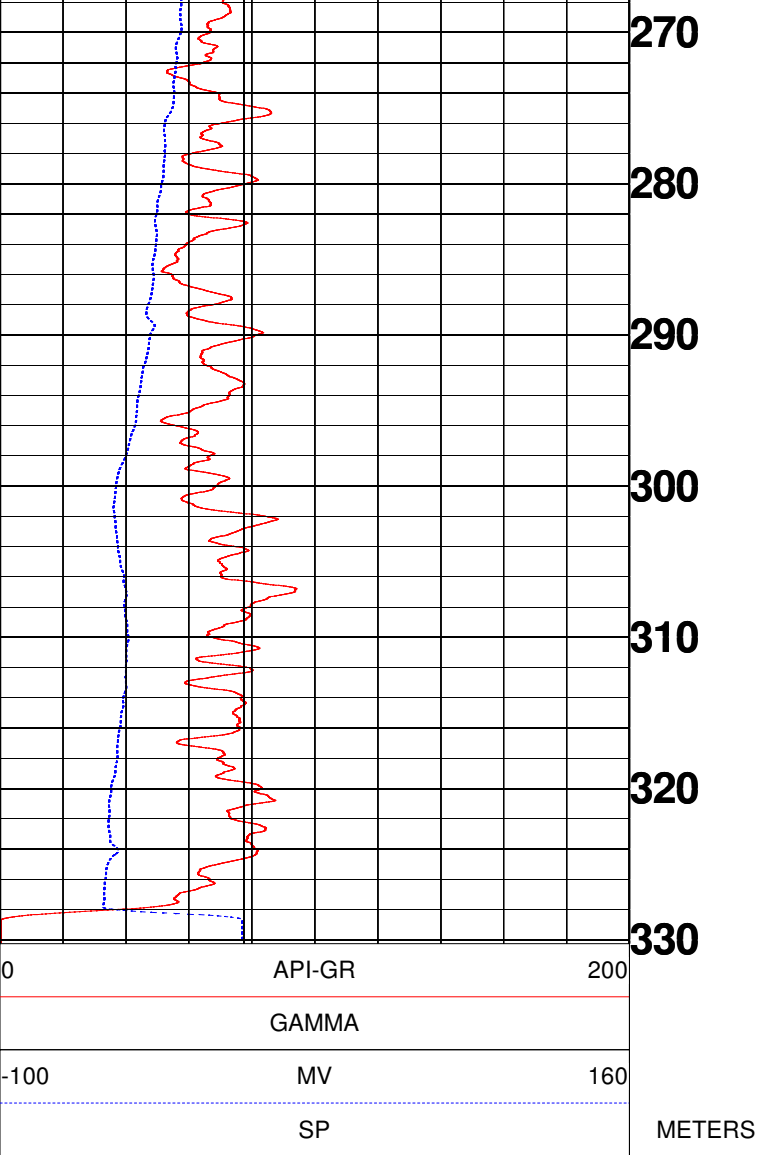
AHATA

|                    |               |                                                    |
|--------------------|---------------|----------------------------------------------------|
| COMPANY            | : SHIVDRILLES | OTHER SERVICES:                                    |
| WELL               | : AHATA       |                                                    |
| FIELD              | : JARWAL      |                                                    |
| COUNTY             | :             |                                                    |
| STATE              | :             |                                                    |
| LOCATION           | :             |                                                    |
| SECTION            | :             |                                                    |
| TOWNSHIP           | :             |                                                    |
| RANGE              | :             |                                                    |
| API NO.            | :             |                                                    |
| UNIQUE WELL ID.    | :             |                                                    |
| PERMANENT DATUM    | :             | ELEVATION KB :<br>ELEVATION DF :<br>ELEVATION GL : |
| LOG MEASURED FROM: |               |                                                    |
| DRL MEASURED FROM: |               |                                                    |
| DATE               | : 27 DEC 2    | RIG NUMBER :                                       |
| DEPTH DRILLER      | :             | LOGGER TD :                                        |
| BIT SIZE           | :             | ARRIVAL TIME :                                     |
| LOG TOP            | : 2.50        | DEPARTURE TIME:                                    |
| LOG BOTTOM         | : 330.22      | CIRC STOPPED :                                     |
| CASING OD          | :             |                                                    |
| CASING BOTTOM      | :             |                                                    |
| CASING TYPE        | :             |                                                    |
| BOREHOLE FLUID     | :             |                                                    |
| RM TEMPERATURE     | :             |                                                    |
| MUD RES            | :             |                                                    |
| MUD WEIGHT         | :             |                                                    |
| WITNESSED BY       | :             |                                                    |
| RECORDED BY        | :             |                                                    |
| REMARKS 1          | :             |                                                    |
| REMARKS 2          | :             |                                                    |

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS









## MINING ASSOCIATES PVT. LTD.

### GEOPHYSICAL DIGITAL LOGGING REPORT

|         |               |                  |                             |
|---------|---------------|------------------|-----------------------------|
| SITE:   | AHATA         | DATE OF LOGGING: | 27.12.2023                  |
| BLOCK:  | JARWAL        | DRILLING DEPTH:  | 335.00 M                    |
| STATE:  | UTTAR PRADESH | LOGGING DEPTH:   | 326.00M                     |
| ENGG:   | ASHOK KUMAR   | LOGGING COMPANY: | Mining Associates Pvt. Ltd. |
| Rm      | 11.8 ohm.m    | Rw               | 12.9 ohm.m                  |
| DISTRIC | BAHRAICH      |                  |                             |

#### AQUIFER:-

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

#### CLAY:-

The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

**NOTE:-** These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value

| Sl. No. | Depth    |        | Thickness (m) | Inferred lithology        | Remark( Quality of Aquifer Water) |
|---------|----------|--------|---------------|---------------------------|-----------------------------------|
|         | From (m) | To (m) |               |                           |                                   |
| 1       | 0        | 10     | 10            | Top Soil                  |                                   |
| 2       | 10       | 44     | 34            | Coares grain sand         | Good                              |
| 3       | 44       | 51     | 7             | Clay with sand            |                                   |
| 4       | 51       | 58.5   | 7.5           | Medium grain sand         | Good                              |
| 5       | 58.5     | 70     | 11.5          | Clay with sand            |                                   |
| 6       | 70       | 81.5   | 11.5          | Medium to fine grain sand | Good                              |
| 7       | 81.5     | 115.5  | 34            | Medium grain sand         |                                   |
| 8       | 115.5    | 127.5  | 12            | Sandyclay                 |                                   |
| 9       | 127.5    | 141    | 13.5          | Medium grain sand         | Good                              |
| 10      | 141      | 146    | 5             | Fine sediment             |                                   |
| 11      | 146      | 150.5  | 4.5           | Medium grain sand         | Good                              |
| 12      | 150.5    | 159    | 8.5           | Clay with sand            |                                   |
| 13      | 159      | 182    | 23            | Medium grain sand         | Good                              |
| 14      | 182      | 195    | 13            | Clay with sand            |                                   |
| 15      | 195      | 206    | 11            | Medium to fine grain sand | Good                              |
| 16      | 206      | 216    | 10            | Sandyclay                 |                                   |
| 17      | 216      | 230    | 14            | Medium grain sand         | Good                              |
| 18      | 230      | 240    | 10            | Clay with sand            |                                   |
| 19      | 240      | 250    | 10            | Medium to fine grain sand | Good                              |
| 20      | 250      | 304    | 54            | Medium grain sand         |                                   |
| 21      | 304      | 315    | 11            | Medium to fine grain sand |                                   |
| 22      | 315      | 326    | 11            | Sandyclay                 |                                   |

NOTE:- 1. ALL zones have intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

*Ashok Kumar*  
Geophysicist

Cc:

- 1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Gonda
- 2.M/S PNC Infratech Limited,Bahraich