



MAPL

PAWAHI

|         |                |                 |
|---------|----------------|-----------------|
| COMPANY | : SHIVDRILLERS | OTHER SERVICES: |
| WELL    | : PAWAHI       | DEPTH           |
| FIELD   | : KAISARGANJ   | SCALE           |
| COUNTY  | : INDIA        | 1:200           |
| STATE   | : UP           |                 |

|                 |   |
|-----------------|---|
| LOCATION        | : |
| SECTION         | : |
| TOWNSHIP        | : |
| RANGE           | : |
| API NO.         | : |
| UNIQUE WELL ID. | : |

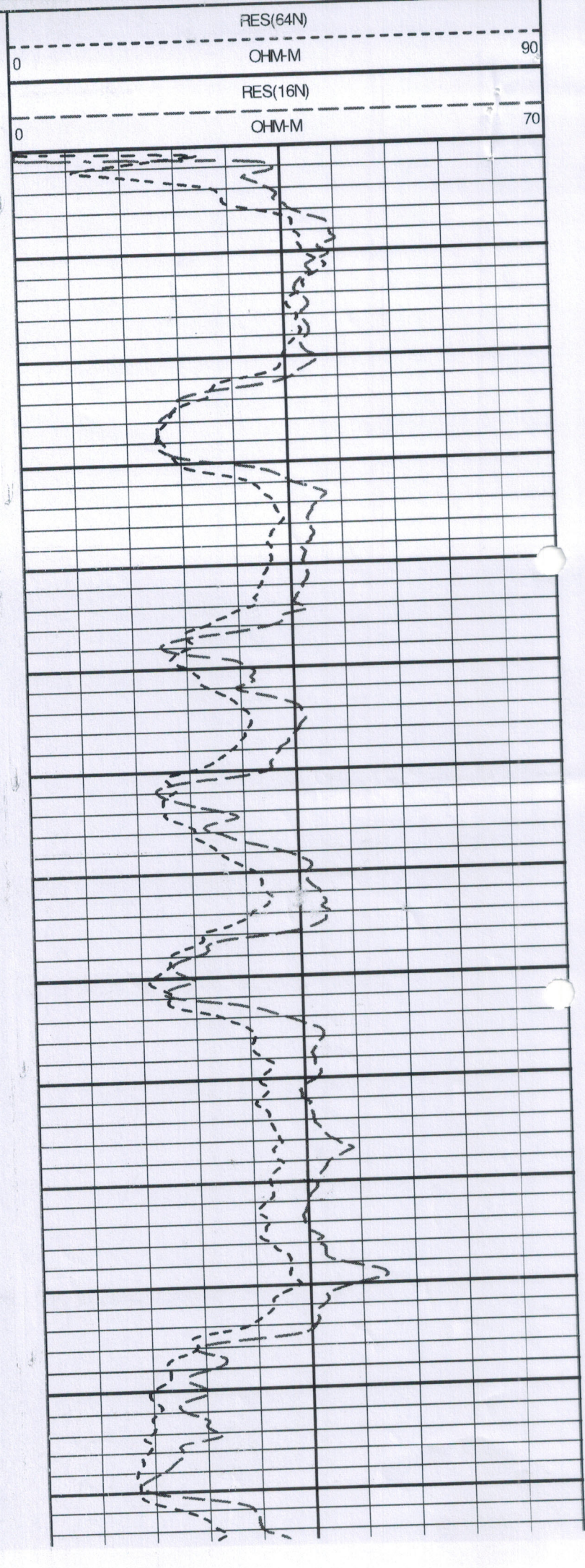
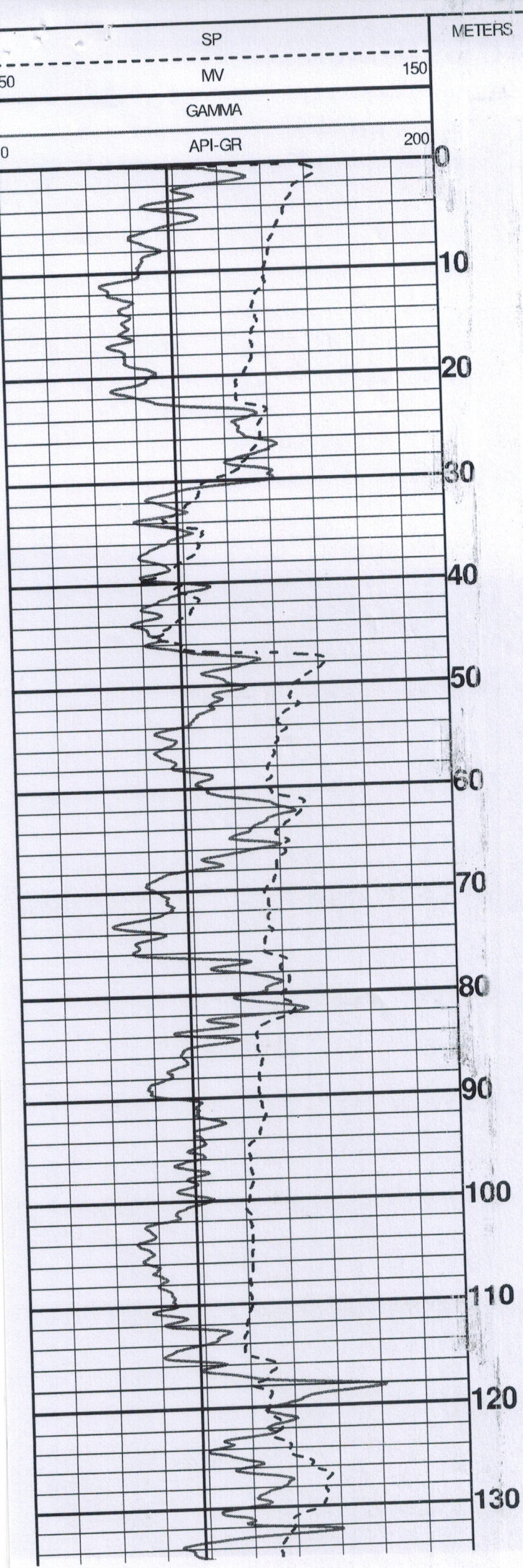
|                    |       |              |       |
|--------------------|-------|--------------|-------|
| PERMANENT DATUM    | : MSL | ELEVATION KB | : 1.7 |
| LOG MEASURED FROM: | GL    | ELEVATION DF | :     |
| DRILL CASING FROM: | GL    | ELEVATION GL | : 4   |

|               |            |                 |         |
|---------------|------------|-----------------|---------|
| DATE          | : 06/03/23 | RIG NUMBER      | :       |
| DEPTH DRILLER | : 335      | LOGGER TD       | :       |
| BIT SIZE      | : 12       | ARRIVAL TIME    | :       |
| LOG TOP       | : -0.11    | DEPARTURE TIME: | :       |
| LOG BOTTOM    | : 325.92   | CIRC STOPPED    | : 12:00 |

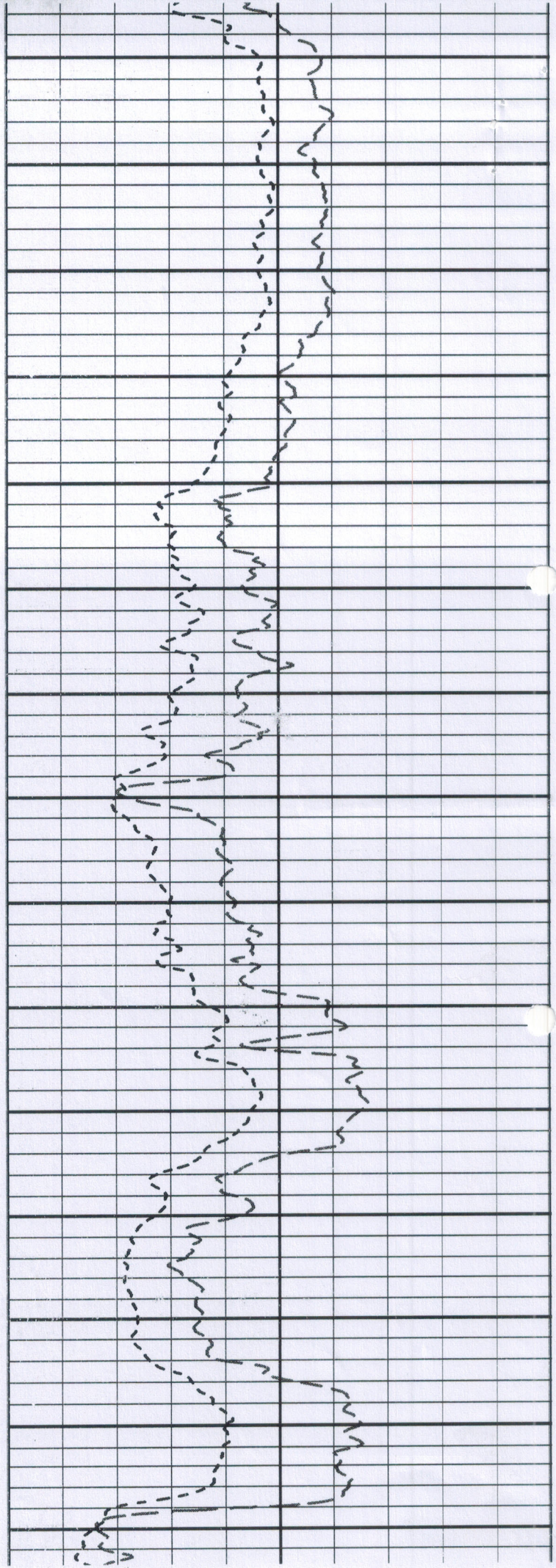
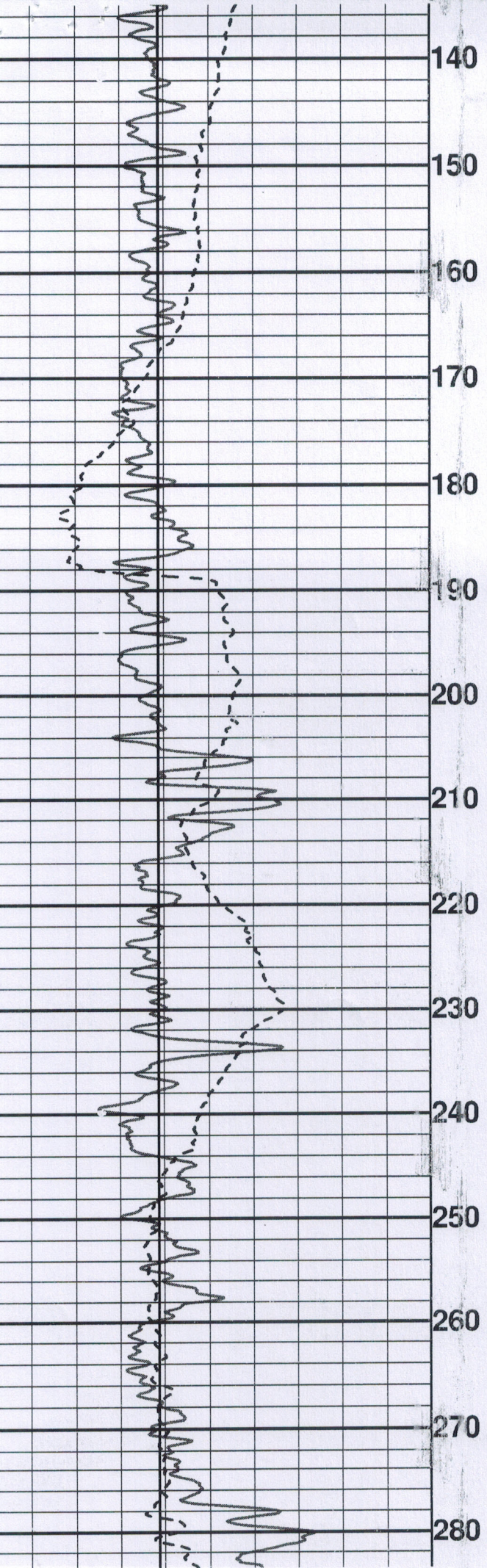
|                |                 |
|----------------|-----------------|
| CASING OD      | :               |
| CASING BOTTOM  | : 0             |
| CASING TYPE    | :               |
| BOREHOLE FLUID | : WATER         |
| RM TEMPERATURE | :               |
| MUD RES        | :               |
| MUD WEIGHT     | : NA            |
| WITNESSED BY   | : SHIV DRILLERS |
| RECORDED BY    | : ASHOK         |
| REMARKS 1      | :               |
| REMARKS 2      | :               |

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

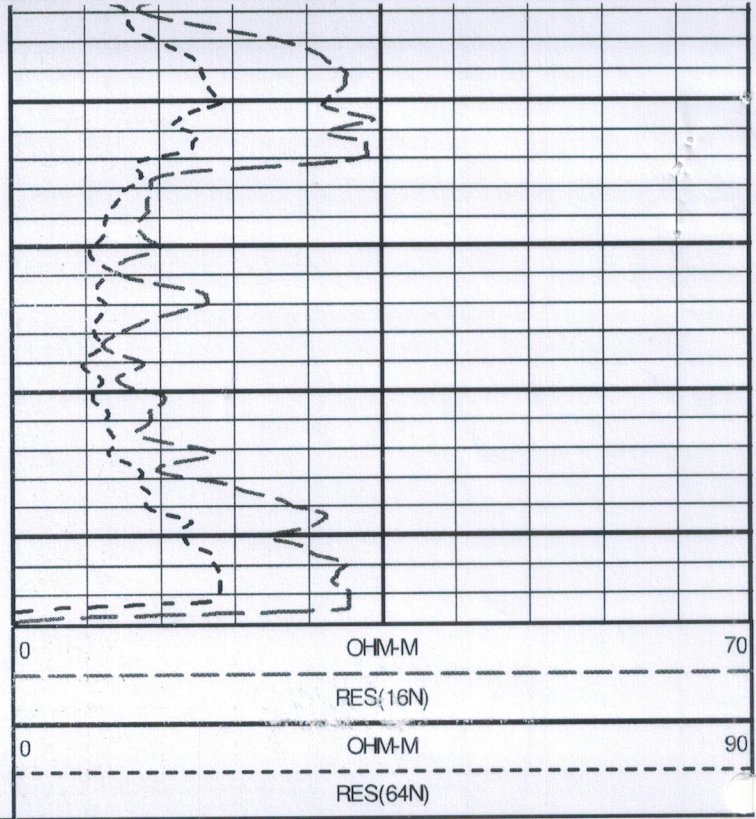
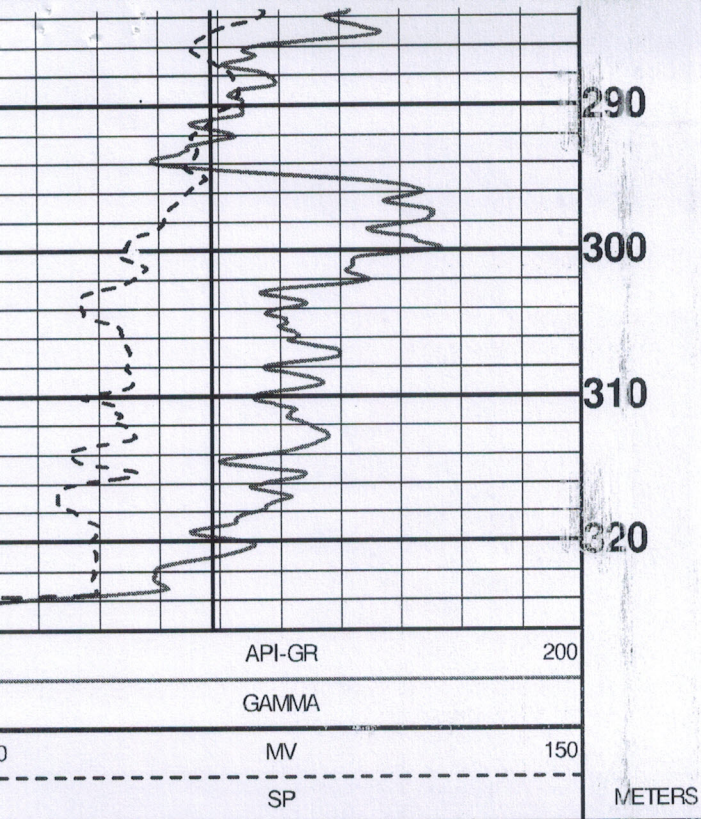
















# MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

|         |               |                  |                             |
|---------|---------------|------------------|-----------------------------|
| SITE:   | PAWAHI        | DATE OF LOGGING: | 03.06.2023                  |
| BLOCK:  | KAISARGANJ    | DRILLING DEPTH:  | 335.00 M                    |
| STATE:  | UTTAR PRADESH | LOGGING DEPTH:   | 322.00M                     |
| ENGG:   | ASHOK KUMAR   | LOGGING COMPANY: | Mining Associates Pvt. Ltd. |
| Rm      | 0.921ohm\m    | Rw               | 0.878ohm\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        | 7      | 7             | Top Soil                         |                                   |
| 2       | 7        | 21     | 14            | Coares to medium grain sand      | Good                              |
| 3       | 21       | 32     | 11            | Clay                             |                                   |
| 4       | 32       | 44.5   | 12.5          | Medium to fine grain sand        | Good                              |
| 5       | 44.5     | 53     | 8.5           | Clay with sand                   |                                   |
| 6       | 53       | 58     | 5             | Medium grain sand                | Good                              |
| 7       | 58       | 68     | 10            | Clay with sand                   |                                   |
| 8       | 68       | 75     | 7             | Medium grain sand                | Good                              |
| 9       | 75       | 85     | 10            | Clay with sand                   |                                   |
| 10      | 85       | 90     | 5             | Medium grain sand                |                                   |
| 11      | 90       | 100.5  | 10.5          | Medium to fine grain sand&kankar | Good                              |
| 12      | 100.5    | 113.5  | 13            | Medium grain sand                |                                   |
| 13      | 113.5    | 133.5  | 20            | Clay with sand                   |                                   |
| 14      | 133.5    | 166.5  | 33            | Medium to fine grain sand&kankar |                                   |
| 15      | 166.5    | 179    | 12.5          | Medium grain sand with kankar    | Good                              |
| 16      | 179      | 206.5  | 27.5          | Medium to fine grain sand&kankar |                                   |
| 17      | 206.5    | 213.5  | 7             | Clay with sand                   |                                   |
| 18      | 213.5    | 245    | 31.5          | Medium to fine grain sand&kankar | Good                              |
| 19      | 245      | 266    | 21            | Sandyclay                        |                                   |
| 20      | 266      | 276.5  | 10.5          | Medium to fine grain sand&kankar | Good                              |
| 21      | 276.5    | 287    | 10.5          | Clay with sand                   |                                   |
| 22      | 287      | 293    | 6             | Medium to fine grain sand&kankar | Good                              |
| 23      | 293      | 322    | 29            | Clay with sand                   |                                   |

For Mining Associates Pvt. Ltd.

*Ashok Kumar*  
Geophysicist

CC;

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