



# SALEHNAGAR

|         |               |                 |
|---------|---------------|-----------------|
| COMPANY | : SHIVDRILLES | OTHER SERVICES: |
| WELL    | : SALEHNAGAR  | DEPTH           |
| FIELD   | : DEWA        | SCALE           |
| COUNTY  | : INDIA       | 1:200           |
| STATE   | : UP          |                 |

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

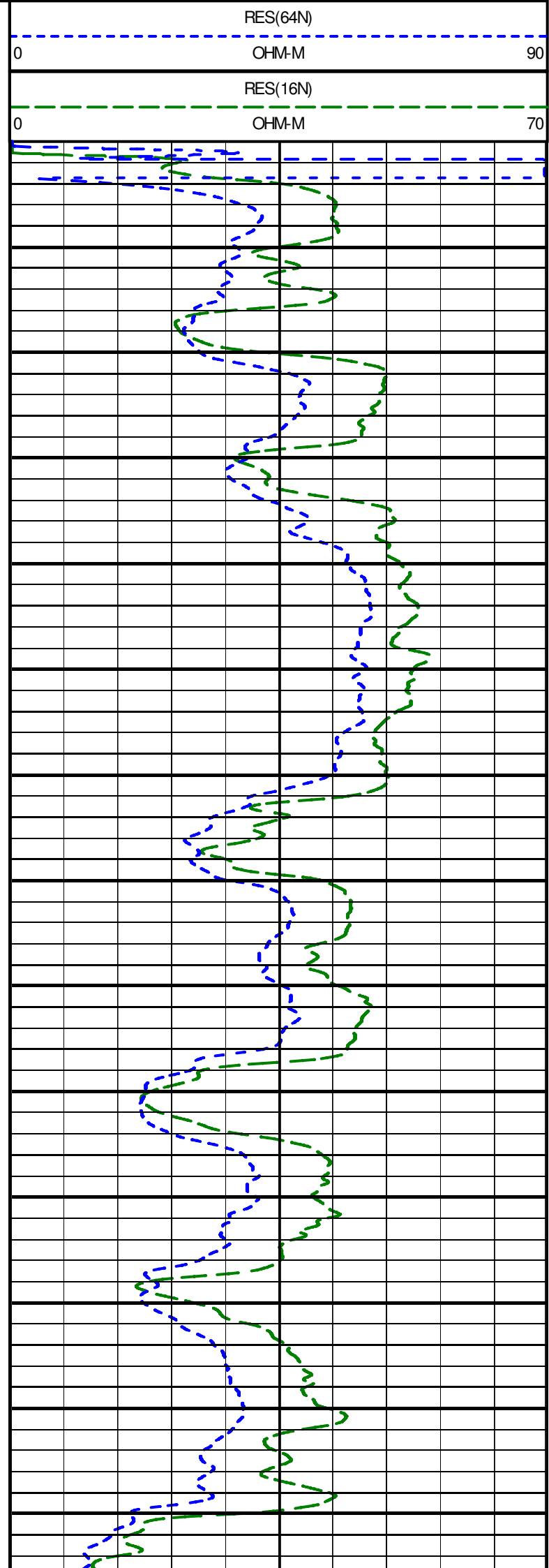
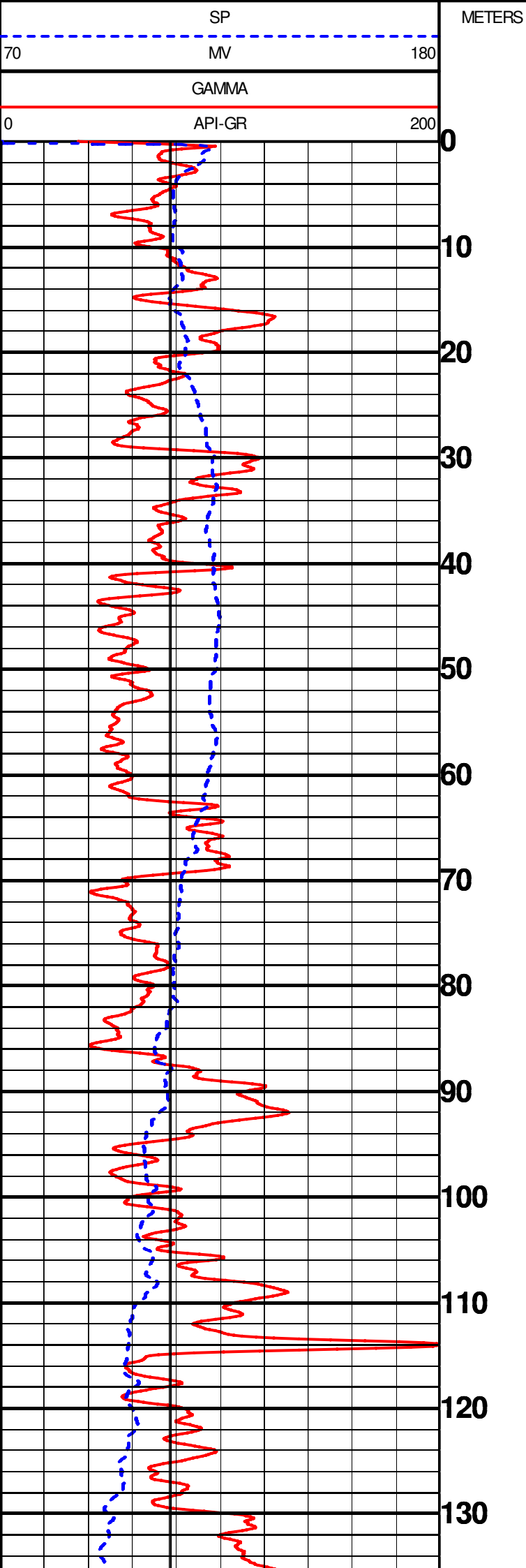
|                    |       |              |       |
|--------------------|-------|--------------|-------|
| PERMANENT DATUM    | : MSL | ELEVATION KB | : 1.7 |
| LOG MEASURED FROM: | GL    | ELEVATION DF | :     |
| DRL MEASURED FROM: | GL    | ELEVATION GL | : 4   |

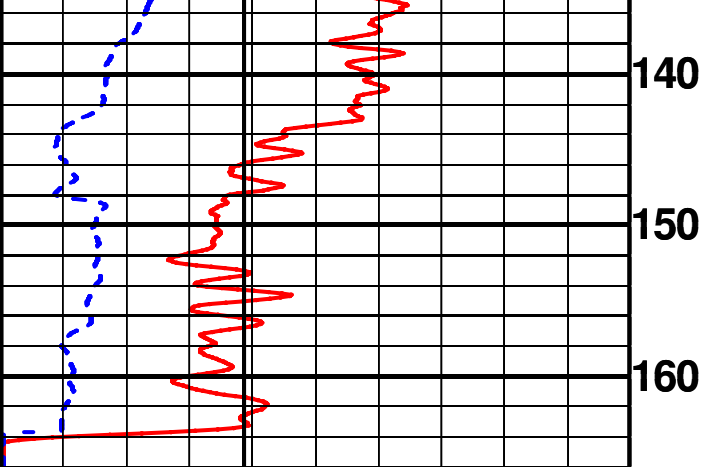
|               |            |                 |         |
|---------------|------------|-----------------|---------|
| DATE          | : 03/27/23 | RIG NUMBER      | :       |
| DEPTH DRILLER | : 167      | LOGGER TD       | :       |
| BIT SIZE      | : 12       | ARRIVAL TIME    | :       |
| LOG TOP       | : 0.03     | DEPARTURE TIME: |         |
| LOG BOTTOM    | : 166.05   | 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 | : |

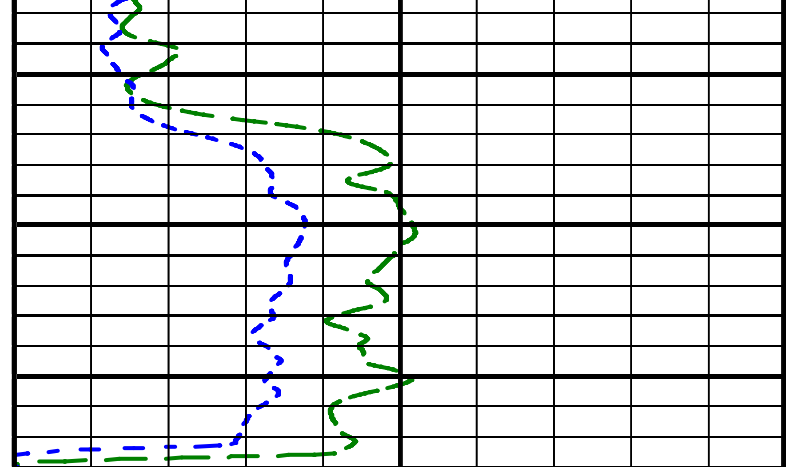
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





|       |        |     |
|-------|--------|-----|
| 0     | API-GR | 200 |
| GAMMA |        |     |
| 70    | MV     | 180 |
| SP    |        |     |

METERS



|          |       |    |
|----------|-------|----|
| 0        | OHM-M | 70 |
| RES(16N) |       |    |
| 0        | OHM-M | 90 |
| RES(64N) |       |    |



## GEOPHYSICAL DIGITAL LOGGING REPORT

|         |               |                  |                             |
|---------|---------------|------------------|-----------------------------|
| SITE:   | SALEHNAGAR    | DATE OF LOGGING: | 27.03.2023                  |
| BLOCK:  | DEWA          | DRILLING DEPTH:  | 167.00 M                    |
| STATE:  | UTTAR PRADESH | LOGGING DEPTH:   | 166.05M                     |
| ENGG:   | ASHOK KUMAR   | LOGGING COMPANY: | Mining Associates Pvt. Ltd. |
| Rm      | 0.429ohm/m    | Rw               | 0.391ohm/m                  |
| DISTRIC | BARABANKI     |                  |                             |

**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        | 5      | 5             | Top Soil                    |                                   |
| 2       | 5        | 10     | 5             | Medium grain sand           | Good                              |
| 3       | 10       | 15     | 5             | Medium to fine grain sand   | Good                              |
| 4       | 15       | 20.5   | 5.5           | Clay with sand              |                                   |
| 5       | 20.5     | 28     | 7.5           | Medium grain sand           | Good                              |
| 6       | 28       | 34.5   | 6.5           | Clay with sand              |                                   |
| 7       | 34.5     | 43     | 8.5           | Medium to fine grain sand   | Good                              |
| 8       | 43       | 61     | 18            | Coares to medium grain sand | Good                              |
| 9       | 61       | 70     | 9             | Clay with sand              |                                   |
| 10      | 70       | 86     | 16            | Coares to medium grain sand | Good                              |
| 11      | 86       | 95     | 9             | Clay                        |                                   |
| 12      | 95       | 99     | 4             | Medium grain sand           | Good                              |
| 13      | 99       | 105    | 6             | Medium to fine grain sand   | Good                              |
| 14      | 105      | 114    | 9             | Clay with sand              |                                   |
| 15      | 114      | 120    | 6             | Medium grain sand           | Good                              |
| 16      | 120      | 129    | 9             | Medium to fine grain sand   | Good                              |
| 17      | 129      | 145    | 16            | Clay with sand              |                                   |
| 18      | 145      | 148    | 3             | Medium to fine grain sand   | Good                              |
| 19      | 148      | 153    | 5             | Medium grain sand           | Good                              |
| 20      | 153      | 164    | 11            | Medium to fine grain sand   | Good                              |

NOTE:-

1. ALL zones has 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, Ayodhya
- 2.M/S PNC Infratech Limited,Barabanki

