



KAHARAI

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

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

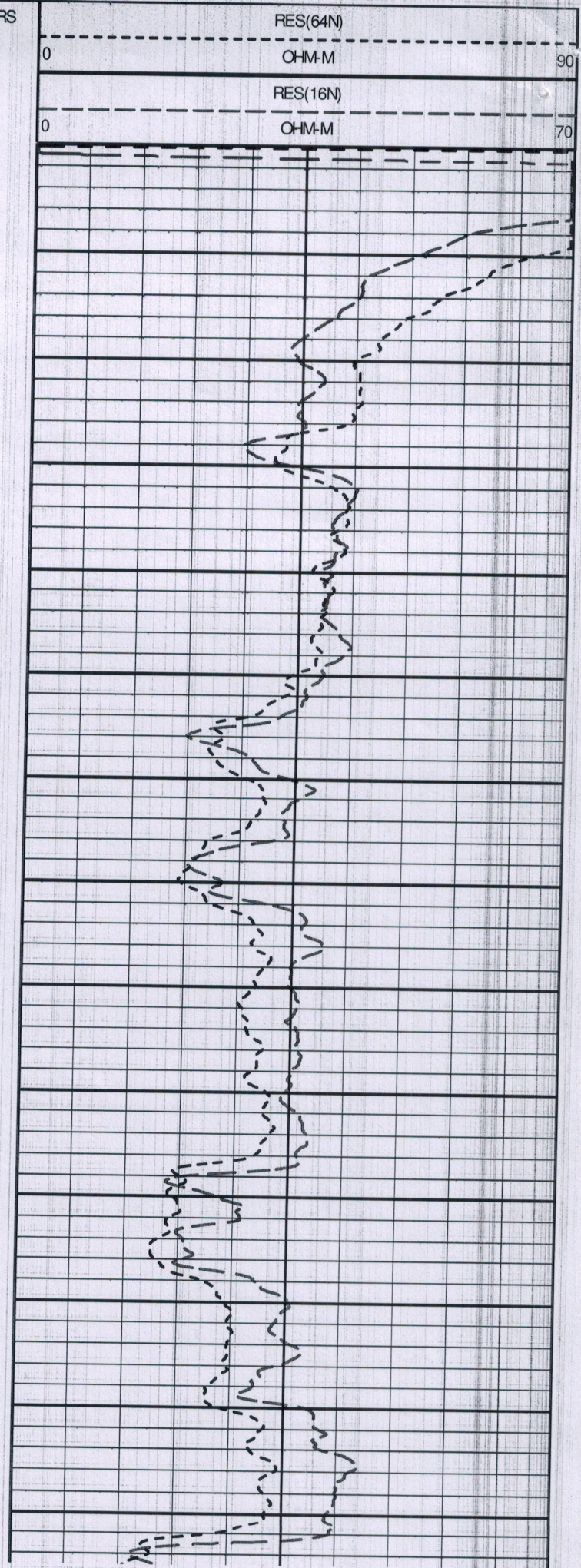
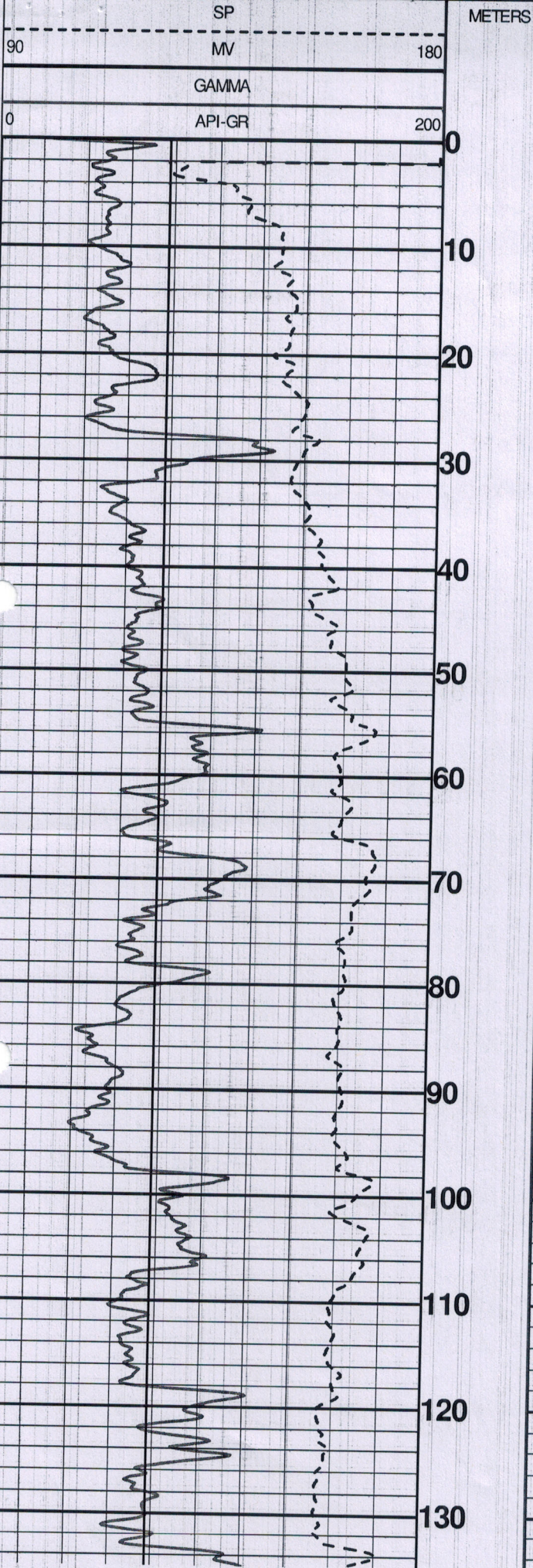
| | | | |
|--------------------|-------|--------------|-------|
| PERMANENT DATUM | : MSL | ELEVATION KB | : 1.7 |
| LOG MEASURED FROM: | GL | ELEVATION DF | : |
| DRL MEASURED FROM: | GL | ELEVATION GL | : 4 |

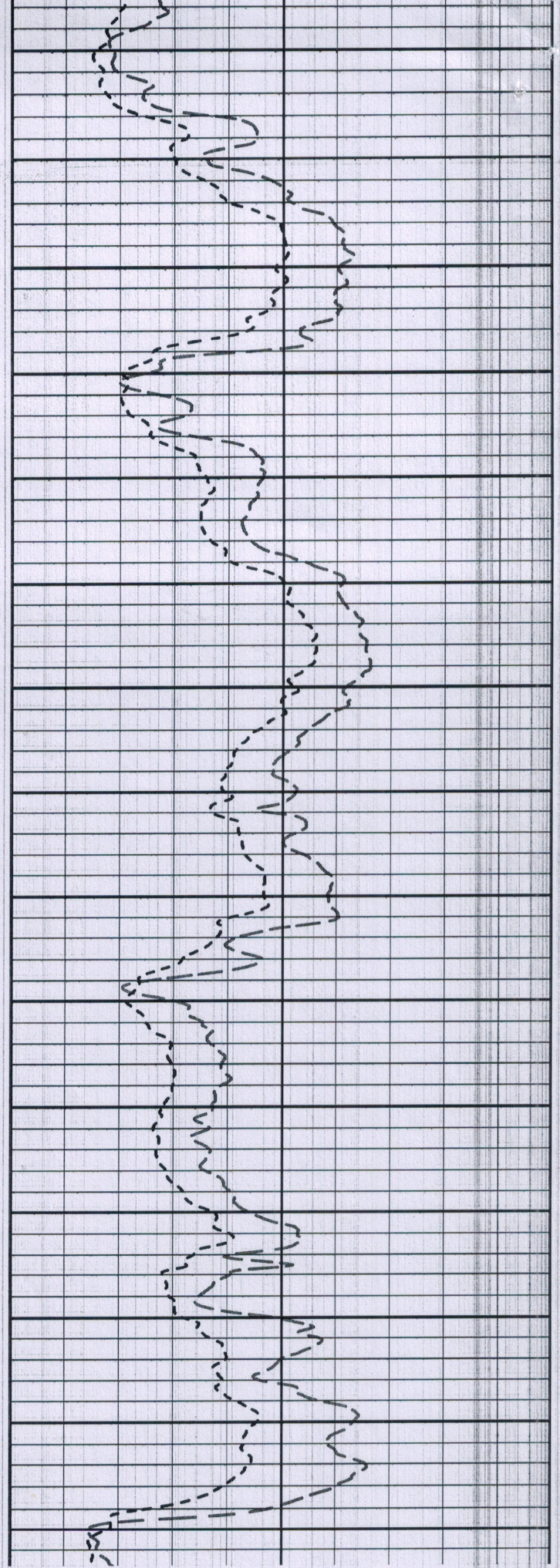
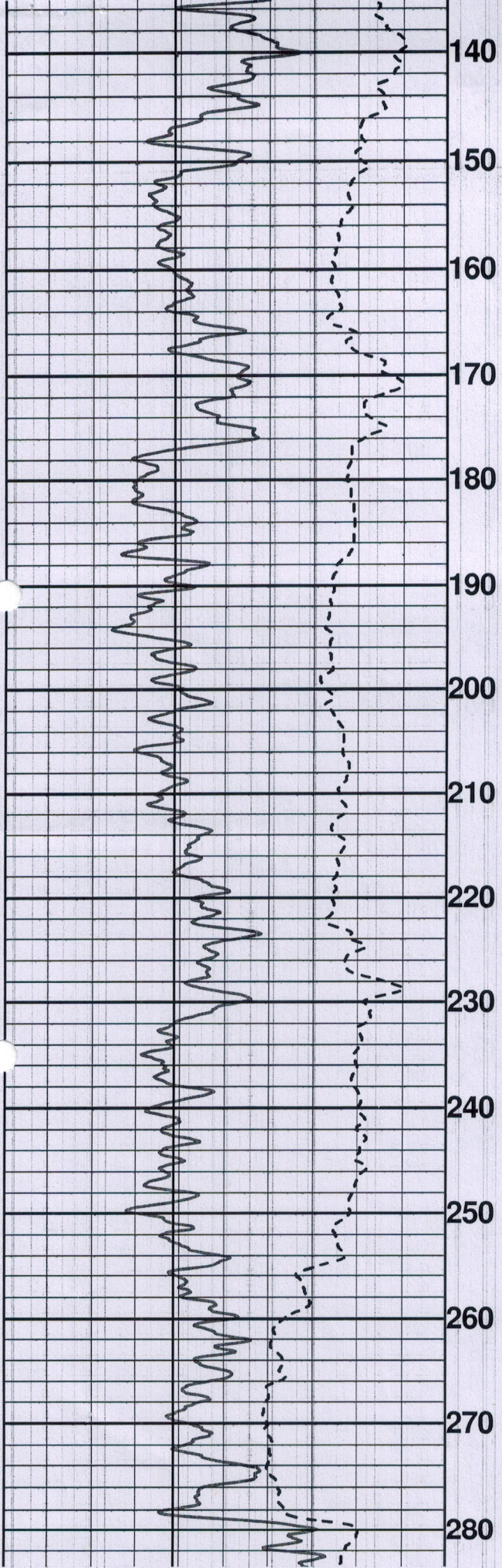
| | | | |
|---------------|------------|-----------------|---------|
| DATE | : 05/28/23 | RIG NUMBER | : |
| DEPTH DRILLER | : 335 | LOGGER TD | : |
| BIT SIZE | : 12 | ARRIVAL TIME | : |
| LOG TOP | : -0.06 | DEPARTURE TIME: | |
| LOG BOTTOM | : 330.16 | CIRC STOPPED | : 12:00 |

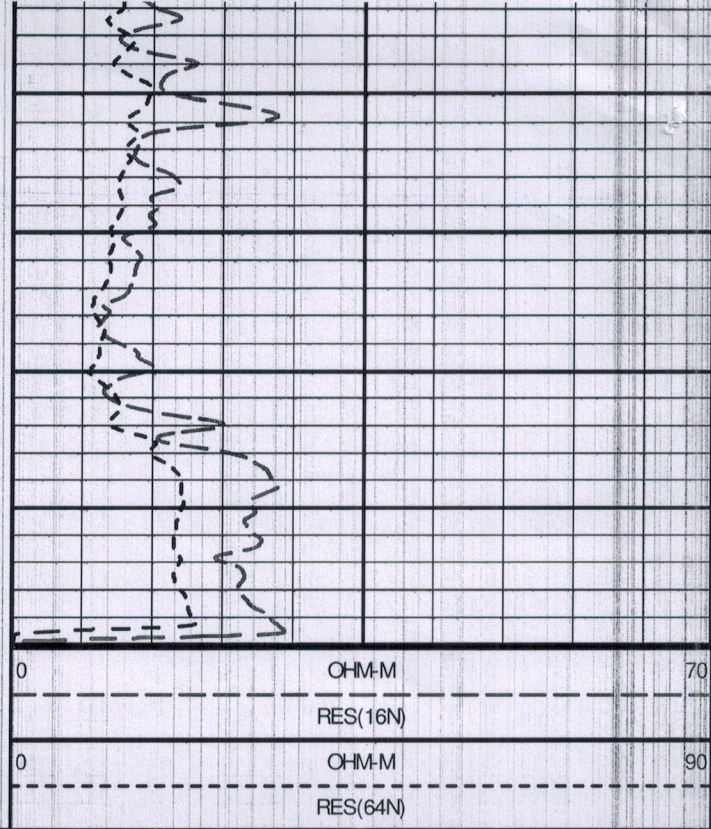
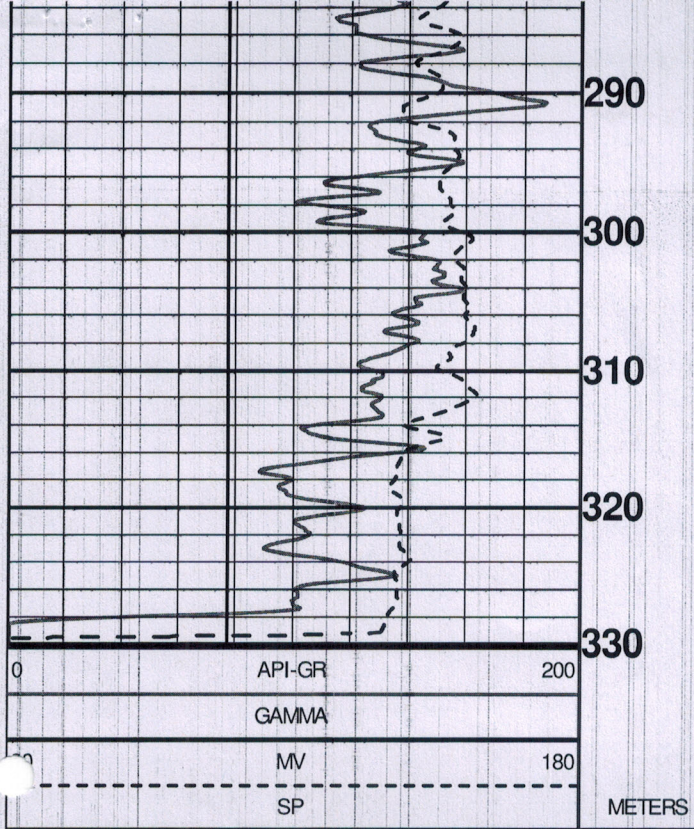
| | |
|----------------|---------|
| CASING OD | : |
| CASING BOTTOM | : 0 |
| CASING TYPE | : |
| BOREHOLE FLUID | : WATER |

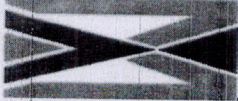
| | |
|----------------|-----------------|
| RM TEMPERATURE | : |
| MUD RES | : |
| MUD WEIGHT | : NA |
| WITNESSED BY | : SHIV DRILLERS |
| RECORDED BY | : ASHOK |
| REMARKS 1 | : |
| REMARKS 2 | : |

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS









MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

| | | | |
|---------|---------------|------------------|-----------------------------|
| SITE: | KAHARAI | DATE OF LOGGING: | 28.05.2023 |
| BLOCK: | KAISARGANJ | DRILLING DEPTH: | 335.00 M |
| STATE: | UTTAR PRADESH | LOGGING DEPTH: | 329.00M |
| ENGG: | ASHOK KUMAR | LOGGING COMPANY: | Mining Associates Pvt. Ltd. |
| Rm | 0.956ohm\m | Rw | 0.876ohm\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 | 26 | 16 | Coares to medium grain sand | Good |
| 3 | 26 | 31 | 5 | Clay | |
| 4 | 31 | 52.5 | 21.5 | Medium grain sand | Good |
| 5 | 52.5 | 60 | 7.5 | Clay with sand | |
| 6 | 60 | 65 | 5 | Medium to fine grain sand | Good |
| 7 | 65 | 73.5 | 8.5 | Clay | |
| 8 | 73.5 | 96 | 22.5 | Coares to medium grain sand | Good |
| 9 | 96 | 108.5 | 12.5 | Clay with sand | |
| 10 | 108.5 | 116.5 | 8 | Medium grain sand | Good |
| 11 | 116.5 | 121.5 | 5 | Clay with sand | |
| 12 | 121.5 | 130.5 | 9 | Medium to fine grain sand | Good |
| 13 | 130.5 | 152 | 21.5 | Clay with sand | |
| 14 | 152 | 166.5 | 14.5 | Medium to fine grain sand | Good |
| 15 | 166.5 | 178 | 11.5 | Clay with sand | |
| 16 | 178 | 213 | 35 | Medium to fine grain sand | |
| 17 | 213 | 222 | 9 | Fine grain sand | Good |
| 18 | 222 | 234 | 12 | Clay with sand | |
| 19 | 234 | 256.5 | 22.5 | Medium to fine grain sand&kankar | |
| 20 | 256.5 | 277 | 20.5 | Fine grain sand with kankar | Good |
| 21 | 277 | 329 | 52 | 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