



GEOPHYSICAL DIGITAL LOGGING REPORT

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|---------|---------------|------------------|-----------------------------|
| SITE: | MADINPUR | DATE OF LOGGING: | 20.05.2023 |
| BLOCK: | NINDOORA | DRILLING DEPTH: | 167.00 M |
| STATE: | UTTAR PRADESH | LOGGING DEPTH: | 165.16 M |
| ENGG: | B BHASKAR RAO | LOGGING COMPANY: | Mining Associates Pvt. Ltd. |
| Rm | 0.486 ohm/m | Rw | 0.451 ohm/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 | 10 | 10 | Top Soil | |
| 2 | 10 | 21 | 11 | Medium grain sand | Good |
| 3 | 21 | 27 | 6 | Medium to fine grain sand | Good |
| 4 | 27 | 33 | 6 | Clay with sand | |
| 5 | 33 | 54 | 21 | Medium to fine grain sand | Good |
| 6 | 54 | 71 | 17 | Clay with sand | |
| 7 | 71 | 75 | 4 | Medium to fine grain sand | Good |
| 8 | 75 | 80 | 5 | Clay | |
| 9 | 80 | 83.5 | 3.5 | Medium grain sand | Good |
| 10 | 83.5 | 104 | 20.5 | Clay with sand | |
| 11 | 104 | 107 | 3 | Medium grain sand | Good |
| 12 | 107 | 112.5 | 5.5 | Clay | |
| 13 | 112.5 | 123 | 10.5 | Medium grain sand | Good |
| 14 | 123 | 138 | 15 | Clay with sand | |
| 15 | 138 | 153 | 15 | Medium to fine grain sand | Good |
| 16 | 153 | 158 | 5 | Clay | |
| 17 | 158 | 163 | 5 | Medium to fine grain sand | Good |

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per
logs provided.
G.Sh
22/05/23

For Mining Associates Pvt. Ltd.

B. Bhaskar Rao
Geophysicist

CC;

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