



GEOPHYSICAL DIGITAL LOGGING REPORT

| | | | |
|----------------|---------------|-------------------------|----------------------------|
| SITE: | RAY BOJHA | DATE OF LOGGING: | 01.06.2023 |
| BLOCK: | MIHINPURWA | DRILLING DEPTH: | 305.00 M |
| STATE: | UTTAR PRADESH | LOGGING DEPTH: | 290.00 M |
| ENGG: | ASHOK KUMAR | LOGGING COMPANY: | Mining Associates Pvt. Ltd |
| Rm | 0.894ohm/m | Rw | 0.781ohm/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 | 18.5 | 8.5 | Medium grain sand | Good |
| 3 | 18.5 | 35.5 | 17 | Sandyclay ✓ | |
| 4 | 35.5 | 87 | 51.5 | Medium grain sand | Good |
| 5 | 87 | 94.5 | 7.5 | Clay | |
| 6 | 94.5 | 105 | 10.5 | Medium grain sand ✓ | Good |
| 7 | 105 | 117 | 12 | Clay with sand ✓ | |
| 8 | 117 | 148 | 31 | Medium grain sand ✓ | Good |
| 9 | 148 | 170 | 22 | Clay with sand ✓ | |
| 10 | 170 | 206.5 | 36.5 | Medium to fine grain sand ✓ | Good |
| 11 | 206.5 | 216.5 | 10 | Clay with sand ✓ | |
| 12 | 216.5 | 232.5 | 16 | Medium grain sand ✓ | Good |
| 13 | 232.5 | 254 | 21.5 | Medium to fine grain sand ✓ | |
| 14 | 254 | 263.5 | 9.5 | Clay with sand ✓ | |
| 15 | 263.5 | 267.5 | 4 | Coarse grain sand ✓ | Good |
| 16 | 267.5 | 272.5 | 5 | Finestment ✓ | |
| 17 | 272.5 | 290 | 17.5 | Medium grain sand ✓ <i>Kamhar</i> | Good |

Verified as per logs produced

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

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

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