



GEOPHYSICAL DIGITAL LOGGING REPORT

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| SITE: | RANIPLUR GOBARHI | DATE OF LOGGING: | 29.05.2023 |
| BLOCK: | VISHESHWAR GANJ | DRILLING DEPTH: | 225.00 M |
| STATE: | UTTAR PRADESH | LOGGING DEPTH: | 220.31M |
| ENGS: | ASHOK KUMAR | LOGGING COMPANY: | Mining Associates Pvt. Ltd. |
| Rm | 0.886ohm/m | Rw | 0.793ohm/m |
| DISTRICT | 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 | 6 | 6 | Top Soil | |
| 2 | 6 | 23 | 17 | Medium grain sand with kankar | Good |
| 3 | 23 | 27 | 4 | Clay | |
| 4 | 27 | 35 | 8 | Medium grain sand | Good |
| 5 | 35 | 40 | 5 | Clay | |
| 6 | 40 | 42.5 | 2.5 | Medium grain sand | Good |
| 7 | 42.5 | 53 | 10.5 | Clay with sand | |
| 8 | 53 | 71 | 18 | Coarses to medium grain sand&kankar | Good |
| 9 | 71 | 80 | 9 | Sandyclay | |
| 10 | 80 | 90 | 10 | Coarses to medium grain sand | Good |
| 11 | 90 | 95 | 5 | Fine sediment | |
| 12 | 95 | 103 | 8 | Coarses to medium grain sand | Good |
| 13 | 103 | 110 | 7 | Clay with sand | |
| 14 | 110 | 126 | 16 | Medium grain sand | Good |
| 15 | 126 | 152 | 26 | Clay with sand | |
| 16 | 152 | 170 | 18 | Medium to fine grain sand&kankar | Good |
| 17 | 170 | 182.5 | 12.5 | Medium grain sand | Good |
| 18 | 182.5 | 194 | 11.5 | Clay with sand | |
| 19 | 194 | 201 | 7 | Medium to fine grain sand | Good |
| 20 | 201 | 219 | 18 | 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

Seen
Su

Seen
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