



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

CC:

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For Mining Associates Pvt. Ltd.

NOTE:- 1. ALL zones have intermixed with high band of kanakar

| Sl. No. | Depth | | Thickness | Inferred lithology | Remark(Quality of Aquifer Water) |
|---------|----------|--------|-----------|------------------------------------|-----------------------------------|
| | From (m) | To (m) | | | |
| 1 | 0 | 10 | 10 | Top Soil | Good |
| 2 | 10 | 43 | 33 | Medium grain sand | Good |
| 3 | 43 | 47 | 4 | Fine sediment | Good |
| 4 | 47 | 55.5 | 8.5 | Coars grain sand | Good |
| 5 | 55.5 | 68 | 12.5 | Clay with sand | Good |
| 6 | 68 | 95 | 27 | Medium grain sand | Good |
| 7 | 95 | 106 | 11 | Clay with sand | |
| 8 | 106 | 160 | 54 | Medium to fine grain sand &kanakar | Good |
| 9 | 160 | 177.5 | 17.5 | Medium grain sand &kanakar | |
| 10 | 177.5 | 185.5 | 8 | Medium to fine grain sand &kanakar | |
| 11 | 185.5 | 188 | 2.5 | Fine sediment | |
| 12 | 188 | 235 | 47 | Medium grain sand &kanakar | Good |
| 13 | 235 | 246 | 11 | Clay with sand &kanakar | |
| 14 | 246 | 272 | 26 | Medium grain sand &kanakar | Good |
| 15 | 272 | 276.5 | 4.5 | Clay | |
| 16 | 276.5 | 299 | 22.5 | Medium grain sand &kanakar | Good |

| GEOPHYSICAL DIGITAL LOGGING REPORT | | | | | |
|--|-------------|------------------|-----------------------------|--------|---------------|
| DATE OF LOGGING: | 05.10.2023 | DRILLING DEPTH: | 305.00 M | STATE: | UTTAR PRADESH |
| ENG: | ASHOK KUMAR | LOGGING COMPANY: | Mining Associates Pvt. Ltd. | Rm | 11.5 ohm.m |
| DISTRICT | BAHRAICH | | Rw | | 12.8 ohm.m |
| <p>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</p> | | | | | |
| MINING ASSOCIATES PVT. LTD. | | | | | |