



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

| | | | |
|---------|---------------|------------------|-----------------------------|
| SITE: | CHARSANDAMAFI | DATE OF LOGGING: | 30.06.2023 |
| BLOCK: | RISIYA | DRILLING DEPTH: | 225.00 M |
| STATE: | UTTAR PRADESH | LOGGING DEPTH: | 219.00M |
| ENGG: | ASHOK KUMAR | LOGGING COMPANY: | Mining Associates Pvt. Ltd. |
| Rm | 0.934ohm\m | Rw | 0.856ohm\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.

6

| Sl. No. | Depth | | Thickness (m) | Inferred lithology | Remark(Quality of Aquifer Water) |
|---------|----------|---------|---------------|---------------------------------------|-----------------------------------|
| | From (m) | To (m) | | | |
| 1 | 0 | 12 | 12 | Top Soil | |
| 2 | 12 | 27 | 15 | Medium to fine grain sand | Good |
| 3 | 27 | 33.5 | 6.5 | Clay with sand | |
| 4 | 33.5 | 45.5 | 12 | Medium grain sand with kankar | Good |
| 5 | 45.5 | 49 | 3.5 | Fine sediment | |
| 6 | 49 | 69.5 | 20.5 | Medium grain sand with kankar | Good |
| 7 | 69.5 | 100 | 30.5 | Medium to fine grain sand&high kankar | |
| 8 | 100 | 110 | 10 | Clay with sand | |
| 9 | 110 | 116 | 6 | Medium to fine grain sand | Good |
| 10 | 116 | 123.5 ✓ | 7.5 | Clay | |
| 11 | 123.5 | 141 | 17.5 | Medium grain sand with kankar | Good |
| 12 | 141 | 149 | 8 | Clay with sand | |
| 13 | 149 | 153.5 | 4.5 | Medium to fine grain sand | Good |
| 14 | 153.5 | 162.5 | 9 | Clay | |
| 15 | 162.5 | 170 ✓ | 7.5 | Medium grain sand | Good |
| 16 | 170 | 193 ✓ | 23 | Fine grain sand with kankar | |
| 17 | 193 | 211.5 | 18.5 | Clay with sand | |
| 18 | 211.5 | 219 | 7.5 | Fine grain sand with kankar | Good |

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
Sujay
JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

Seen
Sujay
ASSISTANT ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA