



GEOPHYSICAL DIGITAL LOGGING REPORT

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|---------|---------------|------------------|-----------------------------|
| SITE: | PANDARI | DATE OF LOGGING: | 14.01.2023 |
| BLOCK: | HARAKH | DRILLING DEPTH: | 165.00 M |
| STATE: | UTTAR PRADESH | LOGGING DEPTH: | 156.08 M |
| ENGG: | B BHASKAR RAO | LOGGING COMPANY: | Mining Associates Pvt. Ltd. |
| 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 | 28 | 18 | Medium to fine grain sand | Good |
| 3 | 28 | 60 | 32 | Clay with sand | |
| 4 | 60 | 64.5 | 4.5 | Medium to fine grain sand | Good |
| 5 | 64.5 | 72 | 7.5 | Fine sediment | Medium |
| 6 | 72 | 94 | 22 | Medium grain sand | Good |
| 7 | 94 | 106 | 12 | Clay with sand | |
| 8 | 106 | 109 | 3 | Fine grain sand | Medium |
| 9 | 109 | 115.5 | 6.5 | Clay with sand | |
| 10 | 115.5 | 124.5 | 9 | Fine grain sand | Medium |
| 11 | 124.5 | 131.5 | 7 | Clay with sand | |
| 12 | 131.5 | 134 | 2.5 | Medium grain sand | Good |
| 13 | 134 | 146 | 12 | Clay with sand | |
| 14 | 146 | 155 | 9 | Fine grain sand | Medium |

NOTE:-

1. ALL zones has intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

B. Bhaskar Rao
GeophysicistVerified as per
logs provided.Note - SrNo 6 - 72-78 (6m)
and 8 - 94 (12m)

SrNo 8 - 105-109 (4m)

SrNo 10 - 115-119 (4m) Sand
119-124 (5m) - Kankar + clay

SrNo 14 - 146-152 (5m)

- Groundwater quality interpreted by
firm as per their logger
calibrationGSh
16/01/23