

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No-14-02-27/SURYA/2024

Date-14 Feb 2024



Borehole Drilled By-

Dara Eco Protection (JV)
Balrampur

Log Report By-

Surya Borewell & Traders,
Sikandra, Kanpur Dehat



SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

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GEOPHYSICAL WELL LOGGING REPORT

General Description (As reported)

Site Location : Vill – Achalpur Ghat Block- Rehra Bazar
District : Balrampur
Drilled Depth : 163 m bgl
Borehole drilled by : Dara Eco Protection (JV) Balrampur.
Logged Depth : 163 m bgl
Date of Logging : 10 Feb 2024, 21:27 hrs
Rm & Rsw : 14.40 Ω -m & 15.20 Ω -m
Lat. & Long. : 27.143700 & 82.430506.

Based on interpretation of presented geophysical logs (S.P., Short Normal N16", Long Normal N64" and Lateral 6'), the location of comparatively suitable granular zones is as mentioned below –

| S.No | Depth Range (in meter below ground level) | | Thickness (in meter) | Remark (Quality of formation water) (as appear) |
|------|--|-----|-------------------------|---|
| | From | To | | |
| 1. | 08 | 12 | 4 | Good |
| 2. | 25 | 34 | 9 | Good |
| 3. | 38 | 53 | 15 | Good |
| 4. | 62 | 83 | 21 | Good |
| 5. | 93 | 99 | 6 | Good |
| 6. | 112 | 118 | 6 | Good |
| 7. | 135 | 162 | 27 | Good |

Note: - The interpretation of mentioned geophysical logs reveals that-

1. Every granular zone contains fine sediments with kanker as per the data given in the table.
2. Granular zones other than mentioned above are either highly mixed with clay kanker or very fine.
3. Quality of formation water up to logging depth is Good
4. Log data Attached.

Geophysical Log Interpreted by

(Rajeev Kumar)

Geo-Physicist/Geo-Scientist

M. Sc (Tech) Geophysics



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