

GEO-PHYSICAL WELL **ELECTROLOGGING REPORT**

Ref No- 29-01-37/SURYA/2024

Date- 29 Jan 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

Ref No: - 29-01-37/ SURYA/2024

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GEOPHYSICAL WELL LOGGING REPORT

General Description (As reported)

Site Location : Vill – Dhankharpur Hati Block – Pachpedwa
District : Balrampur
Drilled Depth : 272 m bgl
Borehole drilled by : Dara Eco Protection (JV) Balrampur.
Logged Depth : 272 m bgl
Date of Logging : 28 Jan 2024, 13:57 hrs
Rm & Rsw : 16.30 Ω -m & 17.20 Ω -m
Lat. & Long. : 27.468952 & 82.715103.

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. | 16 | 22 | 6 | Good |
| 2. | 29 | 34 | 5 | Good |
| 3. | 43 | 49 | 6 | Good |
| 4. | 62 | 77 | 15 | Good to Moderate |
| 5. | 121 | 127 | 6 | Good to Moderate |
| 6. | 188 | 194 | 6 | Good |
| 7. | 201 | 219 | 18 | Good |
| 8. | 228 | 240 | 12 | Good |
| 9. | 251 | 254 | 3 | Good |
| 10. | 269 | 272 | 2 | 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 at depth range (127-188) m bgl appears to be saline in nature.
4. Log data Attached.
- 5.

Geophysical Log Interpreted by

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