

# **GEO-PHYSICAL WELL** **ELECTROLOGGING REPORT**

Ref No:03-03-04/SURYA/2024

Date:03 March 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: - 03-03-04/SURYA/2024

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## GEOPHYSICAL WELL LOGGING REPORT

### General Description (As reported)

**Site Location** : Vill –Muradih Block – Tulsipur  
**District** : Balrampur  
**Drilled Depth** : 274 m bgl  
**Borehole drilled by** : Dara Eco Protection (JV) Balrampur.  
**Logged Depth** : 274 m bgl  
**Date of Logging** : 02 March 2024, 10:46 hrs  
**Rm & Rsw** : 14.30  $\Omega$ -m & 15.20  $\Omega$ -m  
**Lat. & Long.** : 27.478781 & 82.232149.

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<br>(in meter below ground level) |     | Thickness<br>(in meter) | Remark<br>(Quality of formation water)<br>(as appear) |
|------|--|-----|-------------------------|---|
|      | From   | To  |                         |   |
| 1.   | 20   | 26  | 06                      | Good  |
| 2.   | 32   | 38  | 06                      | Good  |
| 3.   | 47   | 50  | 03                      | Good  |
| 4.   | 65   | 83  | 18                      | Good  |
| 5.   | 95   | 102 | 07                      | Good  |
| 6.   | 108  | 144 | 36                      | Good  |
| 7.   | 166  | 187 | 21                      | Good  |
| 8.   | 220  | 235 | 15                      | Good  |
| 9.   | 252  | 264 | 12                      | 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*

(Rajeev Kumar)

**Geo-Physicist/Geo-Scientist**

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