

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

Ref No- 25-01-30/SURYA/2024

Date- 25 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: - 25-01-30/ SURYA/2024

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## GEOPHYSICAL WELL LOGGING REPORT

### General Description (As reported)

**Site Location** : Vill – Chaubepur Block – Gainsari  
**District** : Balrampur  
**Drilled Depth** : 273 m bgl  
**Borehole drilled by** : Dara Eco Protection (JV) Balrampur.  
**Logged Depth** : 273 m bgl  
**Date of Logging** : 24 Jan 2024, 17:34 hrs  
**Rm & Rsw** : 14.50  $\Omega$ -m & 15.30  $\Omega$ -m  
**Lat. & Long.** : 27.367075 & 82.519258.

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.	09	18	9	Good
2.	30	48	18	Good
3.	65	86	21	Good
4.	114	117	3	Good
5.	127	133	6	Good
6.	142	148	6	Good
7.	175	190	15	Good
8.	227	239	12	Good
9.	254	269	15	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. At Depth Range (190-207) & (239-254) m bgl formation water marginally deteriorated.
4. Quality of formation water up to logging depth is Good.
5. Log data Attached.
- 6.

Geophysical Log Interpreted by

(Rajeev Kumar)

**Geophysicist**

M. Sc (Tech) Geophysics



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