

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

Ref No- 11-02-19/SURYA/2024

Date- 11 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

Ref No: - 11-02-19/SURYA/2024

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## GEOPHYSICAL WELL LOGGING REPORT

**Site Location** : Vill – Bhagwanpur Koder Block – Pachpedwa  
**District** : Balrampur  
**Drilled Depth** : 273 m bgl  
**Borehole drilled by** : Dara Eco Protection (JV) Balrampur.  
**Logged Depth** : 273 m bgl  
**Date of Logging** : 11 Feb 2024, 02:11 hrs  
**Rm & Rsw** : 15.30  $\Omega$ -m & 16.50  $\Omega$ -m  
**Lat. & Long.** : 27.662881 & 82.632986.

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.	7	10	3	Good
2.	36	39	3	Good
3.	42	51	9	Good
4.	58	70	12	Good
5.	82	85	3	Good
6.	96	105	9	Good
7.	116	120	4	Good
8.	124	136	12	Good
9.	153	159	6	Good
10.	162	168	6	Good
11.	181	193	12	Good
12.	204	208	4	Good
13.	213	225	12	Good
14.	246	252	6	Good
15.	258	263	5	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**

M. Sc (Tech) Geophysics



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