

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

Ref No- 22-12-30 /SURYA/2023

Date- 24 Dec 2023



**Borehole Drilled By-**  
DARA-ECO PROTATION (JV)  
BALRAMPUR

**Log Report By-**  
Surya Borewell & Traders,  
Sikandra, Kanpur Dehat



# SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: - 22-12-30/ SURYA/2023

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## GEOPHYSICAL WELL LOGGING REPORT

### General Description (As reported)

**Site Location** : Vill- Thathrahia Block- Haraiya Satghrwa  
**District** : Balrampur  
**Drilled Depth** : 275 m bgl  
**Borehole drilled by** : DARA- ECO PROTATION (JV) BALRAMPUR  
**Logged Depth** : 273 m bgl  
**Date of Logging** : 24 Dec 2023, 15:17 hrs  
**Rm & Rsw** : 15.3  $\Omega$ -m & 17.8  $\Omega$ -m  
**Lat. & Long.** : 27.6333 & 82.2340.

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.	12	18	6	Good
2.	38	40	2	Good
3.	53	58	5	Good
4.	79	82	3	Good
5.	97	100	3	Good
6.	107	110	3	Good
7.	127	133	6	Good
8.	150	152	2	Good
9.	164	166	2	Good
10.	182	188	6	Good
11.	210	212	2	Good
12.	230	239	9	Good
13.	243	251	8	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, granular zone (230-239) mbgl & (243-251) are intermixed with thin beds of kanker
3. Log data Attached.

Geophysical Log Interpreted by

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(Rajeev Kumar)

**Geophysicist**

M. Sc (Tech) Geophysics



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