



# SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: - 07-01-07/ SURYA/2024

Date: 07 Jan 2024

## GEOPHYSICAL WELL LOGGING REPORT

### General Description (As reported)

**Site Location** : Vill – Sugar Nagar Block – Hariyaya Satgharwa  
**District** : Balrampur  
**Drilled Depth** : 275 m bgl  
**Borehole drilled by** : Dara Eco Protection (JV) Balrampur.  
**Logged Depth** : 275 m bgl  
**Date of Logging** : 07 Jan 2024, 17:45 hrs  
**Rm & Rsw** : 14.2  $\Omega$ -m & 16.5  $\Omega$ -m  
**Lat. & Long.** : 27.625203 & 82.125514.

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.	13	21	8	Good
2.	68	77	9	Good
3.	83	107	24	Good
4.	127	142	15	Good
5.	152	158	6	Good
6.	168	182	14	Good
7.	210	228	18	Good
8.	238	241	3	Good
9.	253	272	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, granular zone (127-142), (210-228) & (253-272) are intermixed with thin beds of kankar.
3. Quality of formation water up to logging depth is Good.
4. Log data Attached.
- 5.

Geophysical Log Interpreted by

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