

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

Ref No- 23-02-35/SURYA/2024

Date- 23 Feb 2024

**DETAILS OF SITE**

**VILLAGE - Dharampur**  
**BLOCK - Hariyasatghrwa**  
**DISTRICT - Balrampur**

**Borehole Drilled By-**  
G R Infra Projects Ltd.

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



# SURYA BOREWELL & TRADERS

Address - Sikandra, Kanpur Dehat

Ref No: -23-02-35/SURYA/2024

Date: 23 Feb 2024

## GEOPHYSICAL WELL LOGGING REPORT

Site Location : Vill - Dharampura Block - Hariyasatghrwa  
 District : Balrampur  
 Drilled Depth : 277 m bgl  
 Borehole drilled by : G R Infra Projects Ltd.  
 Logged Depth : 277 m bgl  
 Date of Logging : 22 Feb 2024, 15:40 hrs  
 Rm & Rsw : 14.20  $\Omega$ -m & 15.20  $\Omega$ -m  
 Lat. & Long. : 27.624100 & 82.330698.

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	13	6	Good to Moderate
2.	18	20	2	Good to Moderate
3.	38	50	12	Good to Moderate
4.	59	65	6	Good to Moderate
5.	70	75	5	Good to Moderate
6.	94	100	6	Good
7.	103	109	6	Good
8.	116	125	9	Good
9.	142	151	9	Good
10.	155	170	15	Good
11.	184	193	9	Good
12.	198	207	9	Good
13.	216	228	12	Good
14.	243	258	15	Good
15.	264	270	6	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 at depth range (10-90) m bgl is Good to Moderate.
4. Log data Attached.

Geophysical Log Interpreted by

(Rajeev Kumar)  
 Geo-Physicist/Geo-Scientist  
 M. Sc (Tech) Geophysics



