



# SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: - 25-01-29/SURYA/2024

Date: 25 Jan 2024

## GEOPHYSICAL WELL LOGGING REPORT

### General Description (As reported)

**Site Location** : Vill – Surdarhansjote Block – Tulsipur  
**District** : Balrampur  
**Drilled Depth** : 270m bgl  
**Borehole drilled by** : Dara Eco Protection (JV) Balrampur.  
**Logged Depth** : 270 m bgl  
**Date of Logging** : 24 Jan 2024, 19:20 hrs  
**Rm & Rsw** : 15.20  $\Omega$ -m & 16.30  $\Omega$ -m  
**Lat. & Long.** : 27.502705 & 82.360592.

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.	27	33	6	Good
2.	46	50	4	Good
3.	62	98	36	Good
4.	107	110	3	Good
5.	129	138	9	Good
6.	156	177	21	Good
7.	188	191	3	Good
8.	207	228	21	Good
9.	243	249	6	Good
10.	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 up to logging depth is Good
4. Log data Attached.
- 5.

Geophysical Log Interpreted by

*Abhay  
Riwani*

**JUNIOR ENGINEER  
DIVISIONAL OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA**

*Rajeev Kumar*

(Rajeev Kumar)  
**Geophysicist**  
M. Sc (Tech) Geophysics

*Abhay*