

Advisor- Dr. R. A. Yadav, ex- Manager(Groundwater), U. P. Jal Nigam

Ref 626 -BJ / AX- 2023

Date 26.06.2023

## Geophysical Borehole Logging Report

Location of the site : Bibipur Jameen Rasoolpur, Block – Bilariyaganj

District : Azamgarh

Date : 26.06.2023

Depth logged : 148.0 mbgl

Depth drilled : 200.0 mbgl – as reported

Drill rig used : Robertson make

Client : Representative of M/S Sudhakara Infratech Pvt. Ltd., Azamgarh

Based on the interpretation of geophysical logs, following information may be inferred, particularly with respect to salinity of the formation water;

Sl. No.	Depth range(mbgl)	Thickness(m)	Remarks
	<u>19.0—23.0</u>	<u>4.0</u>	<u>Good all</u>
	<u>35.0—42.0</u>	<u>7.0</u>	
	<u>54.0—84.0</u>	<u>30.0</u>	

All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 92.0 mbgl till depth logged.

*(Signature)*