



# Aqua Xplore

(Groundwater Assessment & Allied Services)  
243/5 New Colony Jiyamau, Hazratganj, Lucknow - 226001  
Mob 9918202546 / 9889323322. Email-aquaxplorelko@gmail.com

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

Ref 620 - R / AX - 2023

Date 20.06.2023

## Geophysical Borehole Logging Report

Name of the site : Ranipur, Block - Rani Ki Sarai  
District : Azamgarh  
Date : 20.06.2023  
Depth logged : 155.0 mbgl  
Depth drilled : 165.0 mbgl - as reported  
Logger used : UPTRON make  
Presence : Representative of M/S Sudhakara Infratech Pvt. Ltd., Azamgarh

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

Sl No.	Depth range(mbgl)	Thickness(m)	Remarks
1	32.0--40.0	8.0	Good all
2	45.0--50.0	5.0	
3	69.0--73.0	4.0	
4	80.0--84.0	4.0	
5	90.0--94.0	4.0	
6	110.0--133.0	23.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 142.0 mbgl till depth logged.  
Sl. No. 2 is very fine sand. Sl. No. 5 is fine sand.