



# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jlyamau, Hazratganj, Lucknow - 226001  
Mob. 9918202546 / 9889323322, Email-aquaxplore1ko@gmail.com

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

Ref 1027 - BK / AX - 2023

Date 27.10.2023

## Geophysical Borehole Logging Report

Name of the site : Bardiha & Kauriya, Block - Sathiyaoon

District : Azamgarh

Date : 27.10.2023

Depth logged : 195.0 mbgl

Depth drilled : 200.0 mbgl - as reported Rmf- 12.0 Ohm-m. Rw- 14.0 Ohm-m

Logger used : Robertson 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	30.0-35.0	5.0	Good (1 to 4 & 7)
2	48.0-61.0	13.0	
3	68.0-72.0	4.0	
4	100.0-110.0	10.0	
5	123.0-128.0	5.0	Moderate (5,6)
6	143.0-150.0	7.0	
7	180.0-190.0	10.0	

Note. All zones are intermixed with kankar. Sl. No. 5 is fine sand. Clay layer lies in between 176.0 to 180.0 mbgl.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh