



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

Mob. 9918202546 / 9889323322, Email-aquaxploreelko@gmail.com

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

Ref 1212 - S / AX - 2023

Date 12.12.2023

Geophysical Borehole Logging Report

Name of the site : Saray Bhau, Block - Mohammadpur

District : Azamgarh

Date : 12.12.2023

Depth logged : 208.0 mbgl

Depth drilled : 210.0 mbgl - as reported Rmf- 10.0 Ohm-m Rw-12.0 Ohm-m

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	15.0-20.0	5.0	Good all
2	25.0-30.0	5.0	
3	46.0-53.0	7.0	
4	65.0-69.0	4.0	
5	80.0-85.0	5.0	
6	102.0-110.0	8.0	
7	175.0-192.0	17.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 120.0 to 170.0 mbgl & further below 195.0 mbgl till depth logged. Partial clay layer lies in between 172.0 to 174.0 mbgl.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh