



# 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 421 - C/ AX - 2023

Date 21.04.2023

## Geophysical Borehole Logging Report

Name of the site : Chakide, Block - Mohammadpur  
District : Azamgarh  
Date : 21.04.2023  
Depth logged : 193.0 mbgl  
Depth drilled : 205.0 mbgl - as reported  
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      | 18.0-22.0         | 4.0          | Good all |
| 2      | 26.0-30.0         | 4.0          |          |
| 3      | 34.0-40.0         | 6.0          |          |
| 4      | 42.0-45.0         | 3.0          |          |
| 5      | 61.0-65.0         | 4.0          |          |
| 6      | 173.0-180.0       | 7.0          |          |
| 7      | 182.0-192.0       | 10.0         |          |

Note. All zones are highly intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 72.0 to 166.0 mbgl. Clay layer lies in between 166.0 to 170.0 mbgl.

for Aqua Xplore

CC:

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh