



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

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

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

Ref 617 - A/ AX- 2023

Date 17.06.2023

Geophysical Borehole Logging Report

Name of the site : Allipur, Block - Azmatgarh

District : Azamgarh

Date : 17.06.2023

Depth logged : 132.0 mbgl

Depth drilled : 165.0 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 | 14.0-18.0 | 4.0 | Good all |
| 2 | 28.0-36.0 | 8.0 | |
| 3 | 42.0-70.0 | 28.0 | |
| 4 | 82.0-86.0 | 4.0 | |
| 5 | 92.0-100.0 | 8.0 | |

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 120.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh