



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 1016 - H/ AX - 2023

Date 16.10.2023

Geophysical Borehole Logging Report

Name of the site : Haiderpur Khas & Ghosipatti Block – Atrauliya

District : Azamgarh

Date : 16.10.2023

Depth logged : 198.0 mbgl

Depth drilled : 200.0 mbgl – as reported, Rmf-10.5 Ohm-m, Rw- 12.0 Ohm-m

Logger used : Robertson make

Presence : Representative of M/S GAJA-SGIPL(JV), 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—21.0 | 7.0 | Good all |
| 2 | 30.0—37.0 | 7.0 | |
| 3 | 60.0—64.0 | 4.0 | |
| 4 | 70.0—80.0 | 10.0 | |
| 5 | 86.0—90.0 | 4.0 | |

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 94.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh