



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 429 - M / AX - 2023

Date 29.04.2023

## Geophysical Borehole Logging Report

Name of the site : Mojrapur, Block – Palhani

District : Azamgarh

Date : 29.04.2023

Depth logged : 167.0 mbgl

Depth drilled : 200.0 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      | 32.0–40.0         | 8.0          | Good all |
| 2      | 54.0–61.0         | 7.0          |          |
| 3      | 80.0–84.0         | 4.0          |          |
| 4      | 90.0–98.0         | 8.0          |          |
| 5      | 122.0–126.0       | 4.0          |          |

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 130.0 mbgl till depth logged. Sl. Nos. 1 & 2 are highly kankar intermixed.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh