



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 616 - BP / AX - 2023

Date 16.06.2023

## Geophysical Borehole Logging Report

Name of the site : Bairakdih, Block – Phoolpur  
District : Azamgarh  
Date : 16.06.2023  
Depth logged : 181.0 mbgl  
Depth drilled : 200.0 mbgl – as reported  
Logger used : Robertson make  
Presence : Representative of M/S Skylark Infra Engineering 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-----20.0     | 6.0          | Good (1)         |
| 2      | 24.0-----30.0     | 6.0          | Moderate (2 & 3) |
| 3      | 36.0-----46.0     | 10.0         |                  |

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 50.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S Skylark Infra Engineering Private Limited., Azamgarh