



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 1121 – H / AX- 2023

Date 21.11.2023

## Geophysical Borehole Logging Report

Name of the site : Hatnora, Block – Phoolpur

District : Azamgarh

Date : 21.11.2023

Depth logged : 193.0 mbgl

Depth drilled : 200.0 mbgl – as reported

Logger used : UPTRON 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      | 20.0-24.0         | 4.0          | Good all |
| 2      | 26.0-30.0         | 4.0          |          |
| 3      | 37.0-42.0         | 5.0          |          |
| 4      | 46.0-50.0         | 4.0          |          |
| 5      | 76.0-80.0         | 4.0          |          |
| 6      | 90.0-113.0        | 23.0         |          |
| 7      | 126.0-134.0       | 8.0          |          |

**Note. All zones are Intermixed with kankar. Quality of the formation water is deteriorating marginal saline below 140.0 mbgl till depth logged.**

For Aqua Xplore

CC;

M/S Skylark Infra Engineering Private Limited., Azamgarh