



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 709 - D / AX - 2023

Date 09.07.2023

## Geophysical Borehole Logging Report

Name of the site : Dihpur, Block – Phoolpur

District : Azamgarh

Date : 09.07.2023

Depth logged : 170.0 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 (1 to 6) |
| 2      | 35.0—41.0         | 6.0          |               |
| 3      | 45.0—50.0         | 5.0          |               |
| 4      | 65.0—70.0         | 5.0          |               |
| 5      | 80.0—84.0         | 4.0          |               |
| 6      | 90.0—97.0         | 7.0          |               |
| 7      | 102.0—106.0       | 4.0          | Moderate (7)  |

**Note.** All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 110.0 mbgl till depth logged.

Sl. Nos. 3 & 7 are fine sand.

for Aqua Xplore

CC;

M/S Skylark Infra Engineering Private Limited., Azamgarh