



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 626 -SF / AX - 2023

Date 26.06.2023

Geophysical Borehole Logging Report

Name of the site : Samaspur, Block – Phoolpur

District : Azamgarh

Date : 26.06.2023

Depth logged : 185.0 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 | 27.0—37.0 | 10.0 | Good all |
| 2 | 42.0—46.0 | 4.0 | |
| 3 | 63.0—67.0 | 4.0 | |
| 4 | 73.0—77.0 | 4.0 | |
| 5 | 84.0---88.0 | 4.0 | |

Note. All zones are intermixed with kankar. Sl.Nos.2 to 5 are fine sand. Quality of the formation water is deteriorating marginal to saline below 110.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S Skylark Infra Engineering Private Limited., Azamgarh