



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 1128 - S/ AX - 2023

Date 28.11.2023

Geophysical Borehole Logging Report

Name of the site : Sarai Mubarakpur, Block –Sathiyaon

District : Azamgarh

Date : 28.11.2023

Depth logged : 190.0 mbgl

Depth drilled : 200.0 mbgl – as reported, Rmf-12.0 ohm-m, Rw-16.0 ohm-m

Logger used : UPTRON 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 | 33.0—40.0 | 7.0 | Good all |
| 2 | 48.0—66.0 | 18.0 | |
| 3 | 84.0—91.0 | 7.0 | |
| 4 | 104.0—114.0 | 10.0 | |
| 5 | 149.0—159.0 | 10.0 | |
| 6 | 164.0—168.0 | 4.0 | |

Note. All zones are intermixed with fine bands of kankar. Sl.No.6 is fine sand.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh