



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 605 -K/ AX - 2023

Date 05.06.2023

Geophysical Borehole Logging Report

Name of the site : Khalifatpur, Block - Tahbarpur

District : Azamgarh

Date : 05.06.2023

Depth logged : 187.0 mbgl

Depth drilled : 205.0 mbgl - as reported

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 | 26.0-42.0 | 16.0 | |
| 2 | 56.0-64.0 | 8.0 | Good all |
| 3 | 69.0-73.0 | 4.0 | |
| 4 | 78.0-82.0 | 4.0 | |
| 5 | 91.0-95.0 | 4.0 | |
| 6 | 98.0-105.0 | 7.0 | |
| 7 | 120.0-124.0 | 4.0 | |
| 8 | 180.0-187.0 | 7.0 | |

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 130.0 mbgl to 170.0 mbgl. Sl. Nos. 3 & 4 are fine sand.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh