



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 924 -S/ AX- 2023

Date 24.09.2023

Geophysical Borehole Logging Report

Name of the site : Semra, Block -Tahbarpur

District : Azamgarh

Date : 24.09.2023

Depth logged : 183.0 mbgl

Depth drilled : 200.0 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 | 18.0—22.0 | 4.0 | Good all |
| 2 | 35.0—40.0 | 5.0 | |
| 3 | 42.0—46.0 | 4.0 | |
| 4 | 50.0—55.0 | 5.0 | |
| 5 | 73.0—80.0 | 7.0 | |
| 6 | 86.0—90.0 | 4.0 | |
| 7 | 97.0—104.0 | 7.0 | |
| 8 | 107.0—120.0 | 13.0 | |
| 9 | 123.0—130.0 | 7.0 | |

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 143.0 mbgl till depth logged. Sl.Nos. 3 & 4 are fine sand.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh