



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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## Geophysical Borehole Logging Report

Name of the site : Madya, Block - Tahbarpur

District : Azamgarh

Date : 31.01.2024

Depth logged : 197.0 mbgl

Depth drilled : 200.0 mbgl - as reported Rmf-11.0 Ohm-m Rw-13.0 Ohm-m

Logger used : Robertson 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	20.0-24.0	4.0	Good (1 to 6)
2	42.0-46.0	4.0	
3	53.0-60.0	7.0	
4	84.0-91.0	7.0	
5	93.0-100.0	7.0	
6	102.0-106.0	4.0	
7	123.0-127.0	4.0	Moderate (7)

Note. All zones are intermixed with fine bands of kankar. Quality of the formation water is deteriorating marginal to saline below 134.0 mbgl till depth logged. Expected TDS value of Sl. No. 7 may be around 600-800 ppm.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh