



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Date 30.04.2023

## Geophysical Borehole Logging Report

Name of the site : Kollani Khurd, Block - Mohammadpur

District : Azamgarh

Date : 30.04.2023

Depth logged : 180.0 mbgl

Depth drilled : 200.0 mbgl - as reported

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	14.0-18.0	4.0	Good (1 to 4)
2	23.0-27.0	4.0	
3	30.0-36.0	6.0	
4	62.0-72.0	10.0	
5	145.0-155.0	10.0	Moderate (5,6)
6	170.0-180.0	10.0	

Note. All zones are highly intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 78.0 to 104.0 mbgl.

for Aqua Xplore

CC,

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh