



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 1127 -K/ AX- 2023

Date 27.11.2023

## Geophysical Borehole Logging Report

Name of the site : Kukaripur & Phakharuddinpur, Block - Sathiyaon

District : Azamgarh

Date : 27.11.2023

Depth logged : 204.0 mbgl

Depth drilled : 210.0 mbgl - as reported Rmf-10.0 Ohm-m Rw-12.0 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	30.0-38.0	8.0	
3	46.0-50.0	4.0	
4	54.0-58.0	4.0	
5	64.0-70.0	6.0	
6	88.0-96.0	8.0	
7	120.0-124.0	4.0	Moderate (7 to 9)
8	186.0-190.0	4.0	
9	196.0-200.0	4.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 130.0 to 182.0 mbgl.

Sl. No. 2 is highly kankar intermixed. Sl. No.5 is fine sand. Partial clay layer lies in between 114.0 to 118.0 mbgl & 183.0 to 186.0 mbgl.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh