



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 1226 - A / AX - 2023

Date 26.12.2023

Geophysical Borehole Logging Report

Name of the site : Akbelpur & Kishunpur, Block - Jahanaganj
District : Azamgarh
Date : 26.12.2023
Depth logged : 165.0 mbgl
Depth drilled : 165.0 mbgl - as reported, Rmf- 9.5 Ohm-m, Rw- 11.0 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	14.0—18.0	4.0	
2	30.0—36.0	6.0	Good (1,2,3 & 6)
3	40.0—44.0	4.0	
4	46.0—50.0	4.0	
5	56.0—60.0	4.0	Moderate (4 & 5)
6	72.0—80.0	8.0	

Note. All zones are intermixed with kankar. Sl.Nos. 4 & 5 are highly intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 90.0 mbgl till depth logged.Expected TDS valae may be around 600—800 ppm. Partial clay layer lies in between 70.0 to 72.0 mbgl.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh