



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 1224 - B / AX - 2023

Date 24.12.2023

Geophysical Borehole Logging Report

Name of the site : Barwa, Block – Tarwa

District : Azamgarh

Date : 24.12.2023

Depth logged : 192.0 mbgl

Depth drilled : 200.0 mbgl – as reported, Rmf- 8.5 Ohm-m, Rw- 10.0 Ohm-m

Logger used : Robertson make

Presence : Representative of M/S GAJA-SGIPL(JV), 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	24.0—30.0	6.0	
2	60.0—67.0	7.0	Good (1, 2 & 3)
3	70.0—77.0	7.0	
4	94.0—98.0	4.0	Moderate (4 & 5)
5	110.0—114.0	4.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 122.0 mbgl till depth logged. Partial clay layer lies in between 82.0 to 86.0 mbgl. Expected TDS value may be around 600-800 ppm of Sl. Nos. 4 & 5.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh