

Advisor-Dr. R. A. Yadav, ex-Manager(Groundwater), U. P. Jal Nigam

Ref 323 -G / AX - 2023 Date 23.03.2023

Geophysical Borehole Logging Report

Name of the site : Gaura, Block - Tahbarpur

District : Azamgarh

Date : 23.03.2023

Depth logged : 198.0 mbgl

Depth drilled : 225.0 mbgl - as reported

Logger used : UPTRON make

Presence : Representative of M/S Sudhakar 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	25.0-29.0	4.0	Good (1 to 8) Moderate to marginal (9,11,12,13) Marginal (10)
2	32.0-40.0	8.0	
3	45.0-49.0	4.0	
4	52.0-56.0	4.0	
5	59.0-63.0	4.0	
6	75.0-85.0	10.0	
7	90.0-97.0	7.0	
8	105.0-115.0	10.0	
9	155.0-160.0	5.0	
10	164.0-168.0	4.0	
11	175.0-180.0	5.0	
12	189.0-194.0	5.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 120.0 to 150.0 mbgl.