



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 1224 - N / AX - 2024

Date 24.12.2024

## Geophysical Borehole Logging Report

Name of the site : Nakhatpur, Block - Virno

District : Ghazipur

Date : 24.12.2024

Depth logged : 300.0 mbgl

Depth drilled : 300.0 mbgl- as reported

Logger used : Robertson make

Presence : M/s VSAIPPL-SMC (JV), Ghazipur

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—20.0	6.0	
2	24.0—38.0	14.0	Good (1 to 4 & 11 to 14)
3	46.0—50.0	4.0	
4	70.0—77.0	7.0	
5	90.0—94.0	4.0	Moderate(5 to 10)
6	170.0—177.0	7.0	
7	192.0—196.0	4.0	
8	203.0—207.0	4.0	
9	215.0—219.0	4.0	
10	226.0—230.0	4.0	
11	236.0—249.0	13.0	
12	252.0—256.0	4.0	
13	260.0—264.0	4.0	
14	266.0—272.0	6.0	

Note. All zones are intermixed with kankar. Sl. Nos. 8,9 & 10 are very fine sand. Quality of the formation water is deteriorating marginal to saline in between 98.0 to 166.0 mbgl. Partial clay layer lies in between 166.0 - 170.0 mbgl.

CC;

for Aqua Xplore