



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

Mob. 9918202546 / 9889323322, E mail- aquaxploreelko@gmail.com

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

Ref. 806 - P / AX - 2024

Date 06.08.2024

Geophysical Borehole Logging Report

Name of the site : Pure Bahori, Block- Katra Bazar

District : Gonda

Date : 06.08.2024

Depth logged : 165.0 mbgl

Depth drilled : 165.0 mbgl

Logger use Robertson make

Presence : Rep. of M/S L&T Limited, Gonda.

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 (meter)	Probable Lithology	Remarks
1	13.0-17.0	4.0	Surface clay with sand	-
2	17.0-27.0	10.0	Sand	Good
3	27.0-40.0	13.0	Clay with kankar	-
4	40.0-44.0	4.0	Sand	Good
5	44.0-48.0	4.0	Sandy clay	-
6	48.0-64.0	16.0	Fine sand with kankar	Good
7	64.0-68.0	4.0	Sandy clay with kankar	-
8	68.0-72.0	4.0	Sand	Good
9	72.0-92.0	20.0	Clay with kankar	-
10	92.0-104.0	12.0	Sand	Good
11	104.0-114.0	10.0	Clay with kankar	-
12	114.0-128.0	14.0	Sand	Good
13	128.0-130.0	2.0	Clay with kankar	-
14	130.0-134.0	4.0	Sand	Good
15	134.0-140.0	6.0	Sandy clay	-
16	140.0-150.0	10.0	Sand with kankar	Good
17	150.0-152.0	2.0	Clayey sand	-
18	152.0-165.0	13.0	Sand with kankar	Good

for Aqua Xplore

JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

CC;
M/S L & T Limited, Gonda