



# 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. 102 - L / AX - 2023

Date 02.01.2023

## Geophysical Borehole Logging Report

Name of the site : Lonha, Block - Bahadurpur

District : Basti

Date : 02.01.2023

Depth logged : ~~136.0~~ mbgl

Depth drilled : 145.0 mbgl- as reported

Logger used : ~~Robertson~~ make

Presence : Rep. of M/S Megha Engineering & Infrastructure Ltd., Hyderabad

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
<del>1</del>	22.0--28.0	6.0	Good all
<del>2</del>	38.0--42.0	4.0	
3	44.0--62.0	18.0	
<del>4</del>	74.0--78.0	4.0	
<del>5</del>	80.0--87.0	7.0	
<del>6</del>	100.0--107.0	7.0	
<del>7</del>	120.0--136.0	16.0	

Note. All zones are intermixed with fine bands of kankar. Sl. No. 3 is highly kankar intermixed. Sl. No. 4 is fine sand.

Verified as per  
logs provided.

G. Ch  
02/01/23

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited, Hyderabad

