



Aqua Xplore

(Groundwater Assessment & Allied Services)

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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 : ~~125.0~~ 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
1	22.0--28.0		
2	38.0--42.0	6.0	
3	44.0--62.0	4.0	
4	74.0--78.0	18.0	Good all
5	80.0--87.0	4.0	
6	100.0--107.0	7.0	
7	120.0--136.0	7.0	
		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. Sh
02/01/23

for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited, Hyderabad