



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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

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

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

Ref. 121 - L / AX - 2023

Date 21.01.2023

## Geophysical Borehole Logging Report

Name of the site : Lapsi, Block - Rudhauri

District : Basti

Date : 21.01.2023

Depth logged : ~~130.0~~ 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>	18.0—30.0	12.0	Good all
<del>2</del>	34.0—38.0	4.0	
<del>3</del>	40.0—46.0	6.0	
<del>4</del>	50.0—64.0	14.0	
<del>5</del>	68.0—76.0	8.0	
<del>6</del>	88.0—92.0	4.0	
<del>7</del>	97.0—100.0	3.0	
<del>8</del>	113.0—120.0	7.0	
<del>9</del>	123.0—127.0	4.0	

Note. All zones are highly kankar intermixed.

Verified as per logs provided.  
Note - Sr No 2, 3, highly kankar intermixed.  
To M/S Megha Engineering & Infrastructure Limited, Hyderabad  
Sr No 5 - 68-72 (4m)  
73-77 (4m)  
G.Sh  
21/01/23

