



# 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. 508 - K / AX - 2023

Date 08.05.2023

## Geophysical Borehole Logging Report

Name of the site : Kaithnauli, Block - Saughat

District : Basti

Date : 08.05.2023

Depth logged : ~~126.0 mbgl~~

Depth drilled : 132.0 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> | 24.0—30.0         | 6.0          | Good all |
| <del>2</del> | 47.0—57.0         | 10.0         |          |
| <del>3</del> | 64.0—74.0         | 10.0         |          |
| <del>4</del> | 96.0—100.0        | 4.0          |          |
| <del>5</del> | 108.0—115.0       | 7.0          |          |
| <del>6</del> | 122.0—126.0       | 4.0          |          |

Note. All zones are intermixed with fine bands of kankar.

Verified as per  
logs provided  
1

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited, Hyderabad

G.S.  
09/05/23