



# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001  
Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

Sl. No. 30  
file-3

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

Ref. 505 - K/ AX - 2024 Date 05.05.2024

## Geophysical Borehole Logging Report

Name of the site : Katha, Block - Uska Bazar

District : Siddharth Nagar

Date : 05.05.2024

Depth logged : 165.0 mbgl

Depth drilled : 170.0 mbgl - as reported

Logger use : Robertson make

Presence : Rep. of M/S Jakson Vishvaraj (JV), Siddharth Nagar

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	30.0-34.0	4.0	Good all
2	40.0-44.0	4.0	
3	48.0-52.0	4.0	
4	72.0-76.0	4.0	
5	78.0-88.0	10.0	
6	90.0-94.0	4.0	
7	96.0-101.0	5.0	
8	115.0-119.0	4.0	
9	122.0-126.0	4.0	
10	144.0-154.0	10.0	
11	156.0-160.0	4.0	

Note. All zones are intermixed with fine bands of kankar. Sl. Nos. 8 & 9 are fine sand.

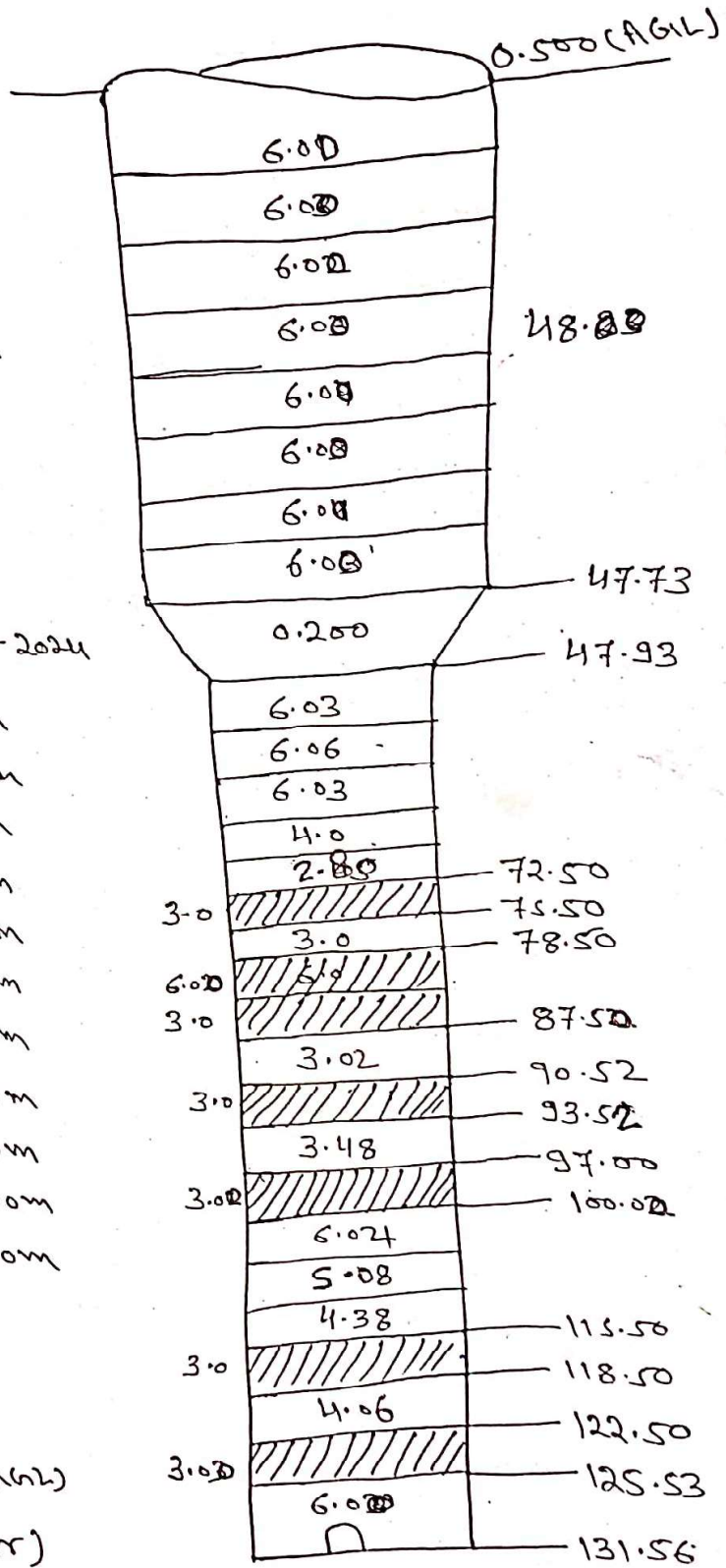
for Aqua Xplore

To

M/S Jakson Vishvaraj (JV), Siddharth Nagar  
Uttar Pradesh

JJM - Phase - 5, Siddaathnagar

GIP - KATHAHA  
 Block - USKA Bazar  
 Drilling Size - 600 x 450 mm  
 T/wt ABS. - 300 x 150 mm  
 R. discharge - 670 LPM  
 HP/SP = 48.23/24.07



Logging Report: 05-05-2024

- ① 30.0 - 34.0 - 4.0m
- ② 40.0 - 44.0 - 4.0m
- ③ 48.0 - 52.0 - 4.0m
- ④ 72.0 - 76.0 - 4.0m
- ⑤ 78.0 - 88.0 - 10.0m
- ⑥ 90.0 - 94.0 - 4.0m
- ⑦ 96.0 - 101.0 - 5.0m
- ⑧ 115.0 - 119.0 - 4.0m
- ⑨ 122.0 - 126.0 - 4.0m
- ⑩ 144.0 - 154.0 - 10.0m
- ⑪ 156.0 - 160.0 - 4.0m

Total casing length  
 = 131.56 + 0.500 (AGL)  
 = 132.06 (mtr)