



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

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

Ref 714 -L/ AX - 2022

Date 14.07.2022

Geophysical Borehole Logging Report

Name of the site : Lakhmipur, Block - Mohammadabad
District : Ghazipur
Date : 14.07.2022
Depth logged : ~~330.0~~ mbgl
Depth drilled : 335.0 mbgl- as reported
Logger used : Robertson make
Presence : Representative of M/S VSAIPPL-SMC JV, Ghazipur, U.P.

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 44	4.0 14	Good(1,2,3,4,5,9,10,12,13) Good to moderate (6,7,8,11,14)
2	55.0---62.0	7.0	
3	72.0---82.0	10.0	
4	90.0---118.0	28.0	
5	126.0---130.0	4.0	
6	147.0---165.0	18.0	
7	188.0---202.0	14.0	
8	204.0---214.0	10.0	
9	217.0---221.0	4.0	
10	242.0---249.0	7.0	
11	252.0---258.0	6.0	
12	276.0---296.0	20.0	
13	306.0---310.0	4.0	
14	320.0---327.0	7.0	

Note. All zones are intermixed kankar. Sl. Nos. 6 to 11 are fine sand.

CC;

1. M/S VSAIPPL-SMC JV, Ghazipur, Uttar Pradesh

for Aqua Xplore

Verified as per
logs provided.
Note, Sr No 13 may
consider as 307-310
(3m).

ASSISTANT HYDROGEOLOGIST
JAL NIGAM
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ