



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. 923 - I / AX - 2022

Date 23.09.2022

Geophysical Borehole Logging Report

Name of the site : Itwa, Block - Bhati

District : Ambedkar Nagar

Date : 23.09.2022

Depth logged : 173.0 ~~mbgl~~

Depth drilled : 180.0.0 mbgl – as reported

Logger used : Uptron ~~make~~

Presence : Rep. of M/S Vindhya Telelinks Limited- Gaja Engineering Pvt.
Ltd.-J.V.,Gautam Buddha Nagar, 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	15.0----23.0	8.0	Good all
2	27.0----33.0	6.0	
3	43.0----49.0	6.0	
4	55.0----85.0	30.0	
5	87.0----90.0	3.0	
6	96.0----109.0	13.0	
7	120.0----123.0	3.0	
8	146.0----150.0	4.0	
9	156.0----160.0	4.0	

Note. All zones are intermixed with fine bands of kankar. No suitable zones were encountered below 160.0 mbgl till depth logged.


for Aqua Xplore

CC;

M/S Vindhya Telelinks Limited – Gaja Engineering Pvt. Ltd- J.V.
6th Floor Club 125 North Wing Tower A
Sector-125, Noda, Gautam Buddha Nagar, U.P.

Verified as per
logs provided.
Note: Sr No 7, 8 and 9
are highly kankar
intermixed, have fine
to very fine sediments.

ASSISTANT HYDROGEOLOGIST
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U.P. JAL NIGAM
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