



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 905 - M / AX- 2022

Date 05.09.2022

## Geophysical Borehole Logging Report

Name of the site : Machhaligaon, Block- Jalalpur  
District : Ambedkar Nagar  
Date : 05.09.2022  
Depth logged : 179.0 mbgl  
Depth drilled : 180.0 mbgl  
Logger use : Robertson 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 (meter)	Probable Lithology	Remarks
1	14.0—24.0	10.0.0	Sand	Good
2	24.0—34.0	10.0	Clay	--
3	34.0—40.0	6.0	Sand wit kankar	Good
4	40.0—56.0	6.0	Clay with kankar	--
5	56.0—74.0	18.0	Sand	Good
6	74.0—96.0	22.0	Clay with kankar	--
7	96.0—110.0	14.0	Sand with kankar	Good
8	110.0—113.0	3.0	Clay with kankar	--
9	113.0—134.0	21.0	Sand with kankar	Good
10	134.0—144.0	10.0	Clay with kankar	--
11	144.0—156.0	12.0	Sand with kankar	Good
12	156.0—162.0	6.0	Clayey sand	--
13	162.0—166.0	4.0	Sand	Good
14	166.0—168.0	2.0	Clay with kankar	--
15	168.0—172.0	4.0	Sand	Good
16	172.0—174.0	2.0	Clay with kankar	--
17	174.0—178.0	4.0	Sand	Good
18	178.0—179.0	1.0	Clay	--

*Verified as per logs provided*

*[Signature]*  
for Aqua Xplore

CC;

M/S Vindhya Telelinks Limited- Gaja Engineering Pvt. Ltd.-J.V.,Gautam Buddha Nagar, U.P.

ASSISANT DIRECTOR (RURAL)  
CIRCLE OFFICE (RURAL)  
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