



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 923 - M / AX - 2022

Date 23.09.2022

Geophysical Borehole Logging Report

Name of the site : Mathura Rasoolpur, Block- Bhiyaon
District : Ambedkar Nagar
Date : 23.09.2022
Depth logged : ~~167.0~~ mbgl
Depth drilled : 167.0 mbgl
Logger use : 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 (meter)	Probable Lithology	Remarks
1	15.0-----22.0	7.0	Sand	Good
2	22.0-----37.0	15.0	Sandy clay with kankar	--
3	37.0-----47.0	10.0	Sand	Good
4	47.0-----68.0	21.0	Clay with kankar	--
5	68.0-----72.0	4.0	Sand with kankar	Good
6	72.0-----77.0	5.0	Clay with kankar	--
7	77.0-----87.0	10.0	Sand with kankar	Good
8	87.0-----90.0	3.0	Clay	--
9	90.0-----100.0	10.0	Clayey sand with kankar	---
10	100.0-----105.0	5.0	Sand with kankar	Good
11	105.0-----112.0	7.0	Clay with kankar	--
12	112.0-----122.0	10.0	Sand with kankar	Good
13	122.0-----126.0	4.0	Clay with kankar <i>Clayey Sand</i>	---
14	126.0-----136.0	10.0	Sand <i>with kankar</i>	Good
15	136.0-----160.0	24.0	Clay with kankar	---
16	160.0-----165.0	5.0	Sand	Moderate
17	165.0-----167.0	2.0	Clay	--

Verified as per logs provided.

for Aqua Xplore

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

S.S.
ASSISTANT HYDROGEOLOGIST
23/09/2022
U.P. JAL NIGAM (RURAL)
FRAYAGRAJ