



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 914 - K / AX - 2022

Date 14.09.2022

Geophysical Borehole Logging Report

Name of the site : Kannupur, Block- Jalalpur
District : Ambedkar Nagar
Date : 14.09.2022
Depth logged : 170.0 mbgl
Depth drilled : 180.0 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	16.0---26.0	10.0	Sand	
2	26.0---30.0	4.0	Clay	Good
3	30.0---45.0	15.0	Sand with kankar	--
4	45.0---55.0	10.0	Clay with kankar	Good
5	55.0---59.0	4.0	Sand - Fine	--
6	59.0---63.0	4.0	Clay	Good
7	63.0---67.0	4.0	Sand	--
8	67.0---71.0	4.0	Clay	Good
9	71.0---85.0	14.0	Sand with kankar	--
10	85.0---89.0	4.0	Clay	Good
11	89.0---94.0	5.0	Sand	--
12	94.0---103.0	4.0	Clay with kankar	Good
13	103.0---108.0	5.0	Sand	--
14	108.0---112.0	4.0	Clay	Good
15	112.0---145.0	33.0	Sand with kankar	--
16	145.0---149.0	4.0	Clay	Good
17	149.0---158.0	9.0	Sand	--
18	158.0---164.0	6.0	Clay with kankar	Marginal
19	164.0---170.0	6.0	Sand	--- Marginal to saline

for Aqua Xplore

Verified as per logs provided.

ASSISTANT GEOLOGIST
CIRCLE OFFICE (EM)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

CC;

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