



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. 208 - C / AX - 2022

Date 08.02.2022

Geophysical Borehole Logging Report

Name of the site : Chaudhari Gaon , Block- Mihinpurwa

District : Bahraich

Date : 08.02.2022

Depth logged : 300.0 mbgl

Depth drilled : 305.0 mbgl

Logged by : Aqua Xplore

Presence : Rep.of M/S PNC Infratech.

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	Sand	Good
2	24.0---30.0	6	Clay	--
3	30.0---34.0	4	Sand	Good
4	34.0---36.0	2	Clay	--
5	36.0---44.0	8	Sand	Good
6	44.0---58.0	14	Clay	--
7	58.0---66.0	8	Sand	Good
8	66.0---72.0	6	Clayey sand	--
9	72.0---76.0	4	Sand	Good
10	76.0---80.0	4	Clay	--
11	80.0---84.0	4	Sand	Good
12	84.0---88.0	4	Clay	--
13	88.0---104.0	16	Sand with kankar	Good
14	104.0---116.0	12	Clay	--
15	116.0---127.0	11	Sand	Good
16	127.0---132.0	5	Clay	--
17	132.0---156.0	24	Sand	Good
18	156.0---160.0	4	Clay	--
19	160.0---170.0	10	Sand with kankar	Good
20	170.0---177.0	7	Clay	--
21	177.0---184.0	7	Sand	Good
22	184.0---194.0	10	Sandy Clay	--
23	194.0---214.0	20	Sand	Good
24	214.0---222.0	8	Clay	--
25	222.0---228.0	6	Sand	Good
26	228.0---238.0	10	Clay with kankar	--
27	238.0---272.0	34	Sand with kankar	Good
28	272.0---280.0	8	Clay	--
29	280.0---292.0	12	Sand with kankar	Good
30	292.0---298.0	6	Sandy clay with kankar	--

CC;

1. M/S PNC Infratech



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