



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 1122 - S / AX - 2021

Date 10-12-2021

Geophysical Borehole Logging Report

Name of the site : Saray Kanhar , Block- Kaisarganj

District : Bahraich

Date : 10-12-2022

Depth logged : 330.0 mbgl

Depth drilled : 335.0 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	0.0---10.0	10.0	Surface soil	--
2	10.0---32.0	22.0	Sand with kankar	Good
3	32.0---38.0	6.0	Clay	--
4	38.0---44.0	6.0	Sand	Good
5	44.0---54.0	10.0	Very fine sand with kankar	--
6	54.0---66.0	12.0	Sand	Good
7	66.0---72.0	6.0	Clayey sand	---
8	72.0---94.0	22.0	Sand	Good
9	94.0---110.0	16.0	Sandy Clay	--
10	110.0---116.0	6.0	Sand	Good
11	116.0---124.0	8.0	Very-very fine sand	--
12	124.0---134.0	10.0	Sand	Good
13	134.0---144.0	10.0	Clay	--
14	144.0---170.0	26.0	Sand with kankar	Good
15	170.0---178.0	8.0	Clayey sand	--
16	178.0---200.0	22.0	Sand	Good
18	200.0---216.0	16.0	Sandy clay	--
19	216.0---220.0	4.0	Sand	Good
20	220.0---222.0	2.0	Sandy clay	--
21	222.0---227.0	5.0	Sand	Good
22	227.0---231.0	4.0	Sandy clay	--
23	231.0---246.0	15.0	Sand	Good
24	246.0---254.0	8.0	Very-very fine sand with kankar	--
25	254.0---260.0	6.0	Clay	--
26	260.0---267.0	7.0	Sand	Good
27	267.0---274.0	7.0	Sandy clay	--
28	274.0---288.0	14.0	Sand with kankar	Good
29	288.0---312.0	24.0	Clay with kankar	--
30	312.0---328.0	16.0	Sand	Good

CC;
1. M/S PNC Infratech

for Aqua Xplore