



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 826 -A / AX- 2023 Date 26.08.2023

Geophysical Borehole Logging Report

Name of the site : Amwa Tetarpur, Block- Fakharpur

District : Bahraich

Date : 26.08.2023

Depth logged : 310.0 mbgl

Depth drilled : 330.0 mbgl

Logger use : Robertson make

Presence : Rep.of M/S Vishwanath Project Limited, Bahraich

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	10.0—27.0	17.0	Sand	Good
2	27.0—34.0	7.0	Clay with kankar	--
3	34.0—60.0	26.0	Sand	Good
4	60.0—66.0	6.0	Sandy clay	--
5	66.0—70.0	4.0	Sand	Good
6	70.0—74.0	4.0	Clayey sand	--
7	74.0—96.0	22.0	Sand with kankar	Good
8	96.0—107.0	11.0	Sandy clay	--
9	107.0—117.0	10.0	Sand	Good
10	117.0—120.0	3.0	Sandy clay	--
11	120.0—124.0	4.0	Sand with kankar	Good
12	124.0—128.0	4.0	Clayey sand with kankar	--
13	128.0—135.0	7.0	Sand	Good
14	135.0—152.0	17.0	Clayey with kankar	--
15	152.0—166.0	14.0	Sand with kankar	Good
16	166.0—172.0	6.0	Sandy clay with kankar	--
17	172.0—216.0	44.0	Sand with kankar	Good
18	216.0—226.0	10.0	Sandy clay with kankar	--
19	226.0—232.0	6.0	Sand	Good
20	232.0—242.0	10.0	Clay with kankar	--
21	242.0—246.0	4.0	Sand	Good
22	246.0—262.0	16.0	Sandy clay	--
23	262.0—278.0	16.0	Sand	Good
24	278.0—287.0	9.0	Sandy clay	--
25	287.0—294.0	7.0	Sand	Good
26	294.0—298.0	4.0	Sandy clay	--
27	298.0—302.0	4.0	Sand	Good
28	302.0—310.0	8.0	Clay	--

for Aqua Xplore

CC:

1. Executive Engineer, C.D.(Rural), U.P. Jal Nigam, Gonda
2. M/S Vishwanath Project Limited, Bahraich