



243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001
 (Groundwater Assessment & Allied Services)

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Ref. 1117 - BM / AX - 2023 Date 17.11.2023

Geophysical Borehole Logging Report

Name of the site : Bahaduriya, Block- Mahasi

District : Bahraich

Date : 17.11.2023

Depth logged : 330.0 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	16.0-34.0	18.0	Sand	Good
2	34.0-40.0	6.0	Sandy clay	--
3	40.0-68.0	28.0	Sand with kanakar	Good
4	68.0-72.0	4.0	Sandy clay	--
5	72.0-95.0	23.0	Sand	Good
6	95.0-100.0	5.0	Clay	--
7	100.0-118.0	18.0	Sand	Good
8	118.0-122.0	4.0	Clay	--
9	122.0-141.0	19.0	Sand	Good
10	141.0-150.0	9.0	Clayey sand	--
11	150.0-212.0	62.0	Sand	Good
12	212.0-220.0	8.0	Clay	--
13	220.0-258.0	38.0	Sand	Good
14	258.0-264.0	6.0	Clay	--
15	264.0-271.0	7.0	Sand	Good
16	271.0-276.0	5.0	Clay	--
17	276.0-282.0	6.0	Sand	Good
18	282.0-292.0	10.0	Clay	--
19	292.0-330.0	38.0	Sand	Good

for Aqua Xplore



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

CC: