



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

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

Ret. 1117 - P / AX - 2023 Date 17.11.2023

Geophysical Borehole Logging Report

Name of the site : Pure Ganga Prasad, Block- Mahasi

District : Bahraich

Date : 17.11.2023

Depth logged : 325.0 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	14.0-28.0	14.0	Sand	Good
2	28.0-32.0	4.0	Sandy clay	--
3	32.0-40.0	8.0	Sand	Good
4	40.0-68.0	28.0	Sand with kanakar	Good
5	68.0-71.0	3.0	Sandy clay	--
6	71.0-105.0	34.0	Sand	Good
7	105.0-108.0	3.0	Sandy clay	--
8	108.0-120.0	12.0	Sand	Good
9	120.0-124.0	4.0	Clay	--
10	124.0-150.0	26.0	Sand	Good
11	150.0-160.0	10.0	Sandy clay	--
12	160.0-190.0	30.0	Sand	Good
13	190.0-198.0	8.0	Clay	--
14	198.0-208.0	10.0	Sand	Good
15	208.0-220.0	12.0	Clay with kanakar	--
16	220.0-236.0	16.0	Sand	Good
17	236.0-240.0	4.0	Clay	--
18	240.0-246.0	6.0	Sand	Good
19	246.0-254.0	8.0	Clayey sand	--
20	254.0-258.0	4.0	Sand	Good
21	258.0-264.0	6.0	Clay	--
22	264.0-268.0	4.0	Sand	Good
23	268.0-275.0	7.0	Clay	--
24	275.0-282.0	7.0	Sand	Good
25	282.0-300.0	18.0	Sandy clay	--
26	300.0-325.0	25.0	Sand	Good

for Aqua Xplore



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

CC: