



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 1116 -N/ AX- 2023

Date 16.11.2023

Geophysical Borehole Logging Report

Name of the site : Nonipur, Block – Lalganj
District : Azamgarh
Date : 16.11.2023
Depth logged : 175.0 mbgl
Depth drilled : 200.0 mbgl – as reported. Rmf - 9.0 Ohm-m Rw- 10.5 Ohm-m
Logger used : UPTRON make
Presence : Representative of M/S GAJA-SGIPL(JV), Azamgarh

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(m)	Remarks
1	15.0–23.0	8.0	Good (1 to 4)
2	35.0–41.0	6.0	
3	55.0–59.0	4.0	
4	70.0–80.0	10.0	
5	100.0–115.0	15.0	Moderate (5)

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 120.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

Date - 26-11-2023

07

311-034 WK 45
SATURDAY NOVEMBER

Manipur Inst of Management
Lalgaing

5	12	19	26	Mo
6	13	20	27	Tu
7	14	21	28	We
8	15	22	29	Th
9	16	23	30	Fr
10	17	24	31	Sa
11	18	25		Su

Actual measurement of pipe
Assembly (300x150) mm

300mm φ P.P.

6.01	23 - 9.1	6.01	0.50
6.03	22 -	6.03	
6.10	21 -	6.10	
6.04	20 -	6.04	
6.05	19 -	6.05	
6.03	18 -	5.30	
6.03	17 -	6.03	35.03
6.07	16 -	6.03	41.06

300mm φ S.P.

6.03	15 -	6.03	
P.P.	14 -	0.70	53.82
	13 -	0.20	54.02
150mm φ	12 -	1.50	55.52
6.03	11 -	3	58.52
6.02	10 -	6.02	
6.07	9 -	6.04	
6.04	8 -	6.08	70.58
6.07	7 -	3.02	
6.04	6 -	6.04	79.68
6.04	5 -	6.04	
6.05	4 -	6.04	
	3 -	5.20	103
	2 -	6.08	109.08
	1 -	2.05	115.13

08 SUNDAY

2015