

# Jal Jeevan Mission

Har Ghar Jal



Regional Water Analysis Laboratory, U.P Jal Nigam, (Rural), Prayagraj

Office of Executive Engineer, Khand karyalaya, U.P. Jal Nigam (Rural), Tulapur Pani Ki Tanki, Jhunsli, Prayagraj. pin 211019 (Test Address only)

## Test report

Sample ID:

U719011514528197

## User Information

Name:

Syed Mohd shabaz

Mobile:

9473942669

Email:

ee2cdupjn.alld@gmail.com

Pin  
Code:

Full  
Address:

Village- Not available , Gram Panchayat- Not available, Block- Not available, District- Prayagraj, State- Uttar Pradesh

## Sample description

Source  
of  
Sample:

Source Type : Deep Tubewell, location : Amauli

Village:

Sarahan Buzurg

Gram  
Panchayat:

Sarahan Buzurg

Block:

Amauli

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Vill: Sarahan Bujurg Block Amauli

Latitude:

Longitude:

Date & time of sample collection

17.08.2023 | 05:00:00 PM

Date & time of sample received in lab

21.08.2023 | 12:58:00 PM

Date & time of sample analysed

20.10.2023 | 12:26:00 PM

Date & time of report generation

20.11.2023 | 02:31:06 PM



## Test results

Sr.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
1	Calcium (as Ca)*	mg/l	75	200	28.800	
2	Chloride (as Cl)*	mg/l	250	1000	14.400	
3	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
4	Fluoride (as F)*	mg/l	1	1.5	0.360	
5	Free residual Chlorine	mg/l	0.2	1	0.000	
6	Iron (As Fe)*	mg/l	1	No Relaxation	0.120	
7	Magnesium (As Mg)*	mg/l	30	100	43.800	
8	Nitrate (as NO <sub>3</sub> )*	mg/l	45	No Relaxation	0.240	
9	pH*	NA	6.5-8.5	No Relaxation	7.300	
10	Sulphate (as SO <sub>4</sub> )*	mg/l	200	400	76.700	
11	TDS*	mg/l	500	2000	476.700	
12	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	522.500	
13	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
14	Total Hardness (As CaCO <sub>3</sub> )*	mg/l	200	600	252.000	
15	Turbidity*	NTU	1	5	3.210	

**Note:**

- 1)\*indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report

**Authorised signatory**  
Archana Verma (Test Lab Incharge)

**Jal Jeevan Mission aims at potable tap water supply to every home**

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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**Print**



# M/s Mahalaxmi Tube well



Rajnendra Nagar Pukhrayan Kanpur  
9935299290 mahalaxmitubewell@gmail.com

## Geophysical Well Logging Report

Ref No - 06/324

Date -27/06/2023

Site Location : - Sarahan Buzurg Amauli Fatehpur

District : - Fatehpur

Logged Depth : - ~~173~~ M BGL 165 m bgl

Date of Logging : - 26/06/2023

Types of Log : - S.P & N16, N-64 LAT

Logger used : - IGIS

Rm: - 20.2  $\Omega$ m

Rw: - 20.5  $\Omega$ m

The following permeable granular zones have been deciphered with the help of Electrical Logger

Sr NO	Depth Range From M.B.G.L	Depth Range M.B.G.L.	Thickness Mtr.	Quality of G.W.
<del>01</del>	28	38	10	Good
<del>02</del>	65	78	13	
<del>03</del>	83	87	04	
<del>04</del>	108	113	05	
<del>05</del>	134	142	08	
<del>06</del>	153	160	07	

Note- All zones are highly intermixed with fine bands of kankar.

- Logging performed as per SWSM guidelines
- Groundwater quality interpreted by firm as per their logger calibration

G. Gh

27/06/23

M/s Mahalaxmi Tube Well