

# M/s Mahalaxmi Tube well

Rajnendra Nagar Pukhrayan Kanpur 9935299290

## Geophysical Well Logging Report

Ref No - 04/130

Date -14/04/2023

Site Location :- Fareedpur Khajua Fatehpur

District :- Fatehpur

Logged Depth :- ~~180 M BGL~~ 150 mbgl.

Date of Logging :- 13/04/2023

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

Logger used :- IGIS

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.	Inferred Lithology	Quality of G.W.
<del>01</del>	46	52	06	Fine to medium Sand	All Good
<del>02</del>	62	68	06		
<del>03</del>	71	74	03		
<del>04</del>	81	84	03		
<del>05</del>	88	92	04		
06	96	99	03		
<del>07</del>	107	113	06		

Note- All zones are highly intermixed with kankar. Sr no 03, 04 and 05 are fine sand zones.

96-98 (2m)

- Logging performed

as per SWSM guideline

M/s Mahalaxmi Tube Well

- Groundwater quality

interpreted by firm

as per their logger

calibration

G. Gh  
15/04/23



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Project Name : Implementation of various rural water supply project including O&M for 10 Year for Faridpur Village, Block-Khajuha, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission Phase-III  
Actual Lowering Chart at Vill. Faridpur 150\*300 Discharge = 650 LPM

Gram Panchayat : Faridpur  
Block : Khajuha  
District : Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(JV)
2	Size of Borewell	150*300
3	Date of Logging	13.04.2023
4	Date of Lowering	19.04.2023

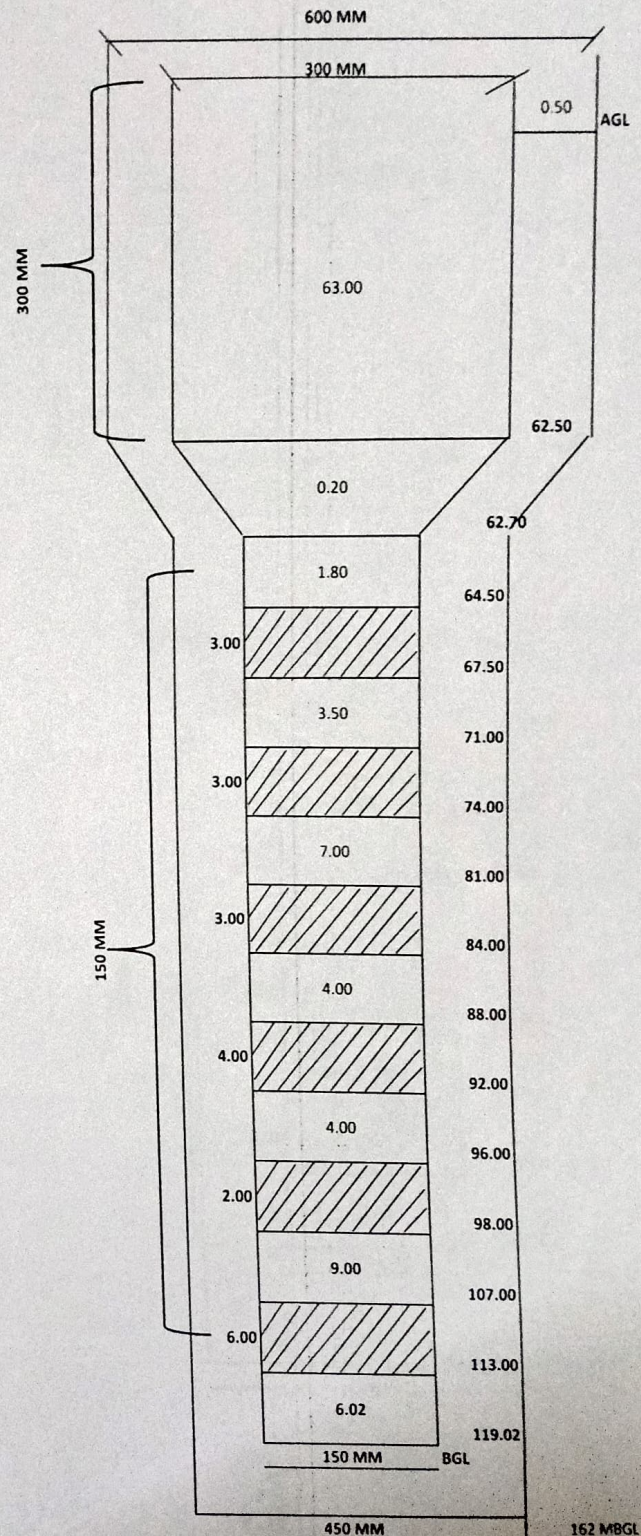
Abstract of Pipe

Sr. No.	Discription	UOM	Item	Qty
1	300 MM	MTR	PLAIN PIPE	63.00
2	150x300 MM	MTR	Reducer	0.20
3	150 MM	MTR	PLAIN PIPE	35.32
4	150 MM	MTR	SLOTTED PIPE	21.00
Total Length				119.52

Logging Report

Sr. No.	Discription	Thickness(M)	Quality of G.W
1	46-52	6	ALL GOOD
2	62-68	6	
3	71-74	3	
4	81-84	3	
5	88-92	4	
6	96-98	2	
7	107-113	6	

Note :- All Zones are highly intermixed with kankar. Sr no 03,04 and 05 are fine sand zones.



PMPL-BRCCPL (JV)  
FPIA(ME) Engineer

Junior Engineer

Assistant Engineer

Executive Engineer





# Jal Jeevan Mission

Har Ghar Jal



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

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

Print

## Test report

Sample ID: U719011512207246

## 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:	Others, location - Faridpur WSS	Village:	Faridpur
Gram Panchayat:	Faridpur	Block:	Khajua
District:	Fatehpur	State:	Uttar Pradesh
Address:		Remarks:	Gram- Faridpur WSS, Block- Khajua, Dist- Fatehpur
Latitude:		Longitude:	

Date & time of sample collection

27.04.2023 | 01:10:00 PM

Date & time of sample received in lab

26.05.2023 | 04:44:00 PM

Date & time of sample analysed

30.12.2023 | 04:47:00 PM

Date & time of report generation

08.01.2024 | 06:39:22 PM

## Test results

	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	32.000	
2	Chloride (as Cl)*	mg/l	250	1000	49.900	
3	Colour*	Hazen units	5	15	0.000	
4	Conductivity	micromhos per centimeter / microsiemens per centimeter	NA	NA	572.500	
5	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
6	Fluoride (as F)*	mg/l	1	1.5	0.390	
7	Free residual Chlorine	mg/l	0.2	1	0.000	
8	Iron (As Fe)*	mg/l	1	No Relaxation	0.110	
9	Magnesium (As Mg)*	mg/l	30	100	88.300	
10	Nitrate (as NO <sub>3</sub> )*	mg/l	45	No Relaxation	1.820	
11	Odour*	NA	Agreeable	Agreeable	0.000	
12	pH*	NA	6.5-8.5	No Relaxation	8.450	
13	Sulphate (as SO <sub>4</sub> )*	mg/l	200	400	18.400	
14	Taste*	NA	Agreeable	Agreeable	0.000	
15	TDS*	mg/l	500	2000	292.600	
16	Temperature	NA	NA	NA	26.000	
17	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	141.200	
18	Total Arsenic (As As)	mg/l	0.01	No Relaxation	0.000	Not Tested
19	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
20	Total Hardness (As CaCO <sub>3</sub> )*	mg/l	200	600	252.000	
21	Turbidity*	NTU	1	5	0.730	

### 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

\*\*\*\*\*This is an electronically generated report and does not require a signature.\*\*\*\*\*

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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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