

# M/s Mahalaxmi Tube well



Rajnendra Nagar Pukhrayan Kanpur  
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## Geophysical Well Logging Report

Ref No – 10/272

Date – 27/10/2023

Site Location :- Darota Lalpur Khajuha Fatehpur  
District :- Fatehpur  
Logged Depth :- 135M BGL  
Date of Logging :- 26/10/2023  
Types of Log :- S.P& N16, N-64 LAT  
Logger used :- IGIS  
Name of Agency :- PMPL-BRCCPL (JV) Fatehpur

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.
01	56	63	07	Fine to medium Sand	All Good
02	74	88	14		
03	95	108	13		
04	111	114	03		
05	118	122	04		
06	126	130	04		

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

Maheshwara Rao, M. Sc.  
P. Uma Maheshwara Rao  
Hydrologist  
209/11/2023  
Maha Laxmi Tube Well Kanpur  
Pukhrayan

## District Level Water Analysis Laboratory , U.P Jal Nigam, (Rural) Fatehpur

Construction division, U.P Jal Nigam, Sadipur, Fatehpur (Test Address only )

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## Test report

Sample  
Id:

U719011S19427491

## User Information

Name:	Syed Mohd shabaz	Mobile:	9473942669
Email:	ee2cdupjn.alld@gmail.com	Pin Code:	0
Full Address:	Village- Not available , Gram Panchayat- Not available, Block- Not available, District- Prayagraj, State- Uttar Pradesh		

## Sample description

Source of Sample:	Darautalpur WSS TW02	Village:	Darauta Lalpur
Gram Panchayat:	Darota Lalpur	Block:	Khajuha
District:	Fatehpur	State:	Uttar Pradesh
Address:		Remarks:	Gram Darotalalpur WSS TW02 Block Khajuha Dist Fatehpur
Latitude:		Longitude:	

## Date &amp; time of sample collection

06.02.2024 | 01:40:00 PM

## Date &amp; time of sample received in lab

01.06.2024 | 05:15:00 PM

## Date &amp; time of sample analysed

06.06.2024 | 01:25:00 PM

## Date &amp; time of report generation

07.06.2024 | 08:23:32 PM

## Test results

S. No.	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	Method of Analysis	Remarks
1	Chloride (as Cl)*	mg/l	250	1000	32.000	Argentometric method	
2	Colour	Hazen units	5	15	0.000	Visual comparison method	
3	Fluoride (as F)*	mg/l	1	1.5	1.040	Ion selective electrode method	
4	Iron (As Fe)*	mg/l	1	No Relaxation	0.100	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
5	Nitrate (as NO <sub>3</sub> )*	mg/l	45	No Relaxation	12.000	UV-Visible Spectrophotometer	
6	pH*	NA	6.5-8.5	No Relaxation	7.220	Electrometric method	
7	Sulphate (as SO <sub>4</sub> )*	mg/l	200	400	62.000	Turbidimetric method	
8	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	144.000	Titration method	
9	Total coliform*	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT	
10	Total dissolved solids	mg/l	500	2000	444.000	Gravimetric method	
11	Total Hardness (As CaCO <sub>3</sub> )*	mg/l	200	600	220.000	EDTA Titrimetric method	
12	Turbidity*	NTU	1	5	1.060	Nephelometric method	

**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

**Data prepared by**

Chemist: (Anuj Kumar)

Microbiologist: (Anuj Kumar)

**Authorised signatory**  
Sandeep Kumar (Test Lab Incharge)

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

## 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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Project Name :

Implementation of various rural water supply project including O&M for 10 Year for Village-Dharaotalpur TW2, Block-Khajuha, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission, Phase-III

Actual Lowering Chart at Village: Dharaotalpur TW2 300\*150

Discharge = 650 LPM

Gram Panchayat : Dharaotalpur  
Block : Khajuha  
District : Fatehpur

Sr No.	TW Const. By	M/s PMPL-BRCCPL(JV)
1	Size of Borewell	300*150
2	Date of Logging	26-10-2023
3	Date of Lowering	01-11-2023

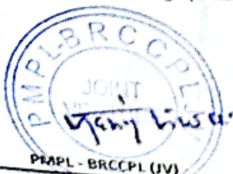
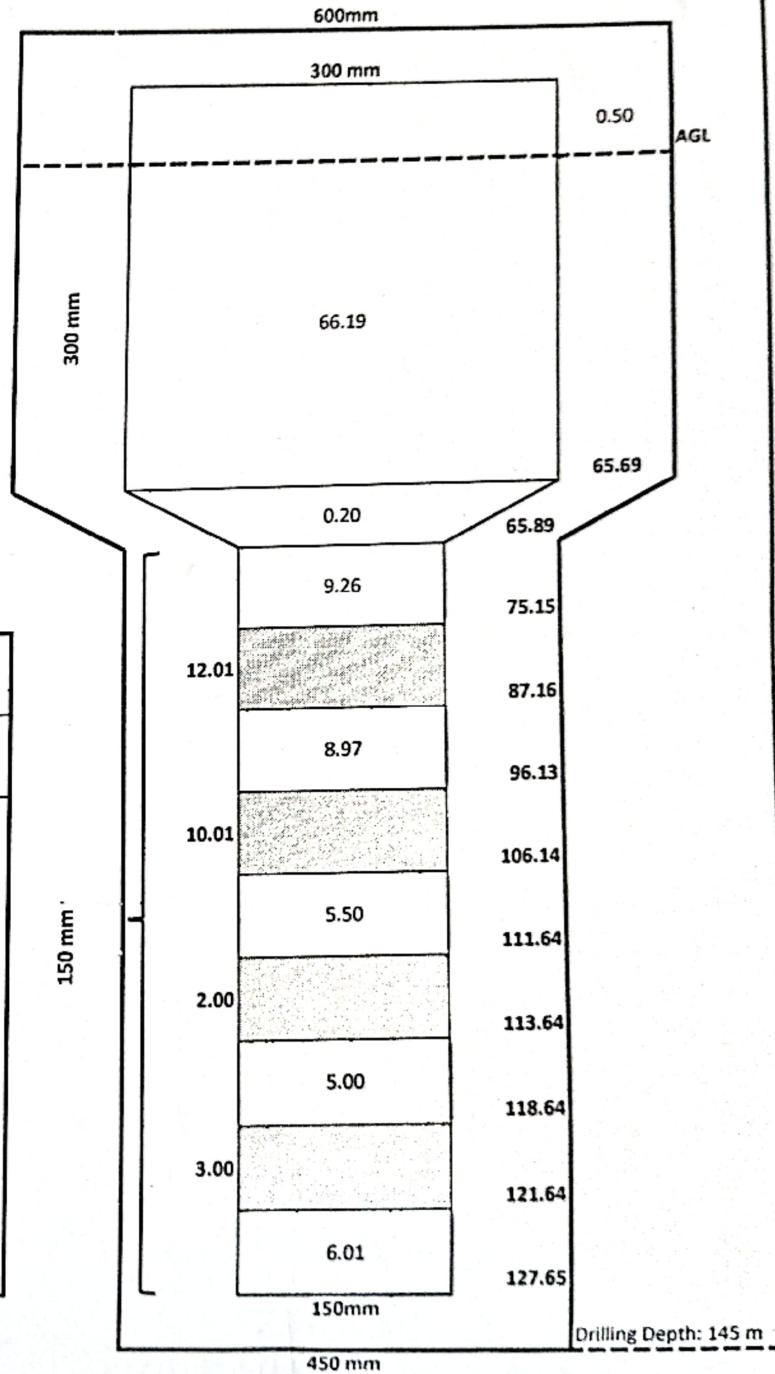
Abstract of Pipe

Sr. No.	Description	UOM	Item	Qty
1	300 mm	MTR	Plain Pipe	66.19
2	300x150 mm	MTR	Reducer	0.20
3	150 mm	MTR	Plain Pipe	34.74
4	150 mm	MTR	Slotted Pipe	27.02
			<b>Total Length</b>	<b>128.15</b>

Logging Report

Sr. No.	Description	Thickness(M)	Inferred Lithology	Quality of G.W
1	56-63	7	Fine to medium Sand	ALL GOOD
2	74-88	14		
3	95-108	13		
4	111-114	3		
5	118-122	4		
6	126-130	4		

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



*Alaks*  
Junior Engineer

*[Signature]*  
Assistant Engineer

*[Signature]*  
Executive Engineer