

M/s Mahalaxmi Tube well

Rajnendra Nagar Pukhrayan Kanpur 9935299290

Geophysical Well Logging Report

Ref No - 06-141

Date 10/06/2023

Site Location : - Rampur Kurmi Amauli Fatehpur

District : - Fatehpur

Logged Depth : - 178 M BGL

Date of Logging : - 09/06/2023

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

Logger used : - IGIS

Name of Agency : - M/s Powermac Pvt Ltd Fatehpur

Rm - 16.8 Ω m Rw - 17.3 Ω 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 Mtrs.	Inferred Litho logy	Quality of G.W.
1	67	73	06	Fine to Medium sand	Good
2	80	90	10		
3	97	100	03		
4	102	107	05		
5	140	152	12		

Note- All zone are highly intermixed with Fine band of Kankar.

- Sr NOS - Highly Kankar Intermixed.

- Logging performed as per SWSM guidelines.

- Groundwater quality interpreted by firm as per their logger calibration.

M/s Mahalaxmi Tubewell

Project Name :		Implementation of various rural water supply project including O&M for 10 Year for Rampur Kurmi village, Block-Khajuha, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission	
		Actual Lowering Chart at Vill. Rampur Kurmi 150*300	
		Discharge = 800 LPM	
Gram Panchayat : Block : District :		Rampur Kurmi Khajuha Fatehpur	

Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(JV)
2	Size of Borewell	150*300
3	Date of Logging	09.06.2023
4	Date of Lowering	12.06.2023

Abstract of Pipe				
Sr. No.	Discription	UOM	Item	Qty
1	300 MM	MTR	PLAIN PIPE	66.28
2	150x300 MM	MTR	Reducer	0.20
3	150 MM	MTR	PLAIN PIPE	61.64
4	150 MM	MTR	SLOTTED PIPE	30.20
Total Length				158.32

Logging Report			
Sr. No.	Discription	Thickess(M)	Quality of G.W
1	67-73	6	ALL GOOD
2	80-90	10	
3	97-100	3	
4	102-107	5	
5	140-152	12	

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



[Signature]
TPIA(ME)Engineer

[Signature]
Junior Engineer

[Signature]
Assistant Engineer

[Signature]
Executive Engineer

03/07/2021



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 Poni Ki Tanki, Jhansi, Prayagraj. pin 211019 (Test Address only)

Test report

Sample ID: U719011514061952

User Information

Name: Syed Mohd shabaz Mobile: 9473942669
Email: ee2cdupjn.alid@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 : Rampur Kurmi Village: Rampur Kurmi
Gram Panchayat: Rampur Kurmi Block: Amauli
District: Fatehpur State: Uttar Pradesh
Address: Remarks: Gram- Rampur Kurmi WSS, Block- Amauli, Dist- Fatehpur
Latitude: Longitude:

Date & time of sample collection: 19.07.2023 | 12:35:00 PM Date & time of sample received in lab: 11.08.2023 | 11:33:00 AM Date & time of sample analysed: 26.08.2023 | 01:15:00 PM Date & time of report generation: 28.08.2023 | 05:10:59 PM

Test results

Sr. 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	Remarks
1	Calcium (as Ca)*	mg/l	75	200	59.310	
2	Chloride (as Cl)*	mg/l	250	1000	26.780	
3	Fluoride (as F)*	mg/l	1	1.5	0.620	
4	Free residual Chlorine	mg/l	0.2	1	0.000	
5	Iron (As Fe)*	mg/l	1	No Relaxation	0.110	

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	Remarks
6	Magnesium (As Mg)*	mg/l	30	100	48.070	
7	Nitrate (as NO3)*	mg/l	45	No Relaxation	4.400	
8	Odour*	NA	Agreeable	Agreeable	0.000	
9	pH*	NA	6.5-8.5	No Relaxation	7.850	
10	Sulphate (as SO4)*	mg/l	200	400	12.810	
11	Taste*	NA	Agreeable	Agreeable	0.000	
12	TDS*	mg/l	500	2000	356.600	
13	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	336.000	
14	Total Arsenic (As As)	mg/l	0.01	No Relaxation	0.000	NT
15	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
16	Total Hardness (As CaCO3)*	mg/l	200	600	348.000	
17	Turbidity*	NTU	1	5	0.420	

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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