



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, Jhunsi, Prayagraj. pin 211019 (Test Address only)

Test report

Sample ID:

U719011514063660

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 : Naraicha WSS

Village:

Naraicha

Gram
Panchayat:

Nariacha

Block:

Khajuha

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Gram-Naraicha WSS, Block-Khajuha, Dist- Fatehpur

Latitude:

Longitude:

Date & time of sample collection

14.07.2023 | 02:20:00 PM

Date & time of sample received in lab

11.08.2023 | 11:36:00 AM

Date & time of sample analysed

26.08.2023 | 03:54:00 PM

Date & time of report generation

28.08.2023 | 05:11:09 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	35.270	
2	Chloride (as Cl)*	mg/l	250	1000	22.660	
3	Fluoride (as F)*	mg/l	1	1.5	0.930	
4	Free residual Chlorine	mg/l	0.2	1	0.000	
5	Iron (As Fe)*	mg/l	1	No Relaxation	0.120	

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
6	Magnesium (As Mg)*	mg/l	30	100	43.830	
7	Nitrate (as NO ₃)*	mg/l	45	No Relaxation	2.660	
8	Odour*	NA	Agreeable	Agreeable	0.000	
9	pH*	NA	6.5-8.5	No Relaxation	7.960	
10	Sulphate (as SO ₄)*	mg/l	200	400	15.990	
11	Taste*	NA	Agreeable	Agreeable	0.000	
12	TDS*	mg/l	500	2000	268.700	
13	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	277.200	
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 CaCO ₃)*	mg/l	200	600	268.000	
17	Turbidity*	NTU	1	5	0.500	

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

Project Name :

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

Actual Lowering Chart at Vill. Nariacha 300*200

Discharge = 850 LPM

Gram Panchayat : Nariacha
Block : Khajuha
District : Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL- BRCCPL(JV)
2	Size of Borewell	300*200
3	Date of Logging	11.06.2023
4	Date of Lowering	17.06.2023

Abstract of Pipe

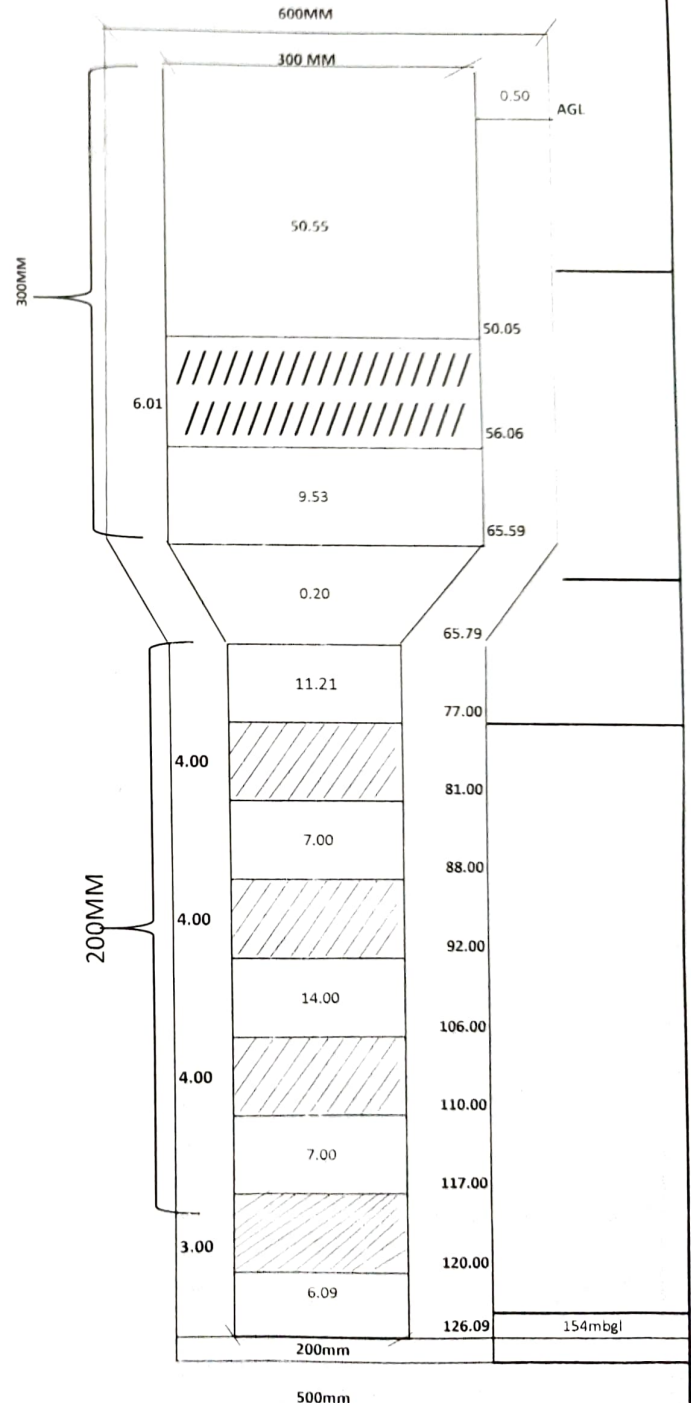
Sr. No.	Discription	UOM	Item	Qty
1	300MM	MTR	PLAIN PIPE	60.08
2	300MM	MTR	SLOTTED PIPE	6.01
3	300*200	MTR	Reducer	0.20
4	200MM	MTR	PLAIN PIPE	45.30
	200MM	MTR	SLOTTED PIPE	15.00
Total Length				126.59

Logging Report

Sr. No.	Discription	Thickess(M)	Quality of G.W
1	35-38	3	Good
2	46-56	10	Good
3	77-81	4	Good
4	88-92	4	Good
5	106-110	4	Good
6	117-120	3	Good

Note:

All Zone Intermixed with fine bands of kankar.
Sr.no,3 and 6 are highly intermixed kankar.



TPIA (ME) Engineer

Junior Engineer

Assistant Engineer

Executive Engineer

M/s Mahalaxmi Tube well

Rajnendra Nagar Pukhrayan Kanpur 9935299290

Geophysical Well Logging Report

Ref No – 06-143

Date 11/06/2023

Site Location : - Nariacha Khajuha Fatehpur

District : - Fatehpur

Logged Depth : - 171 M BGL

Date of Logging : - 09/06/2023

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

Logger used : - IGIS

Name of agency : - PMPL-VRCCPL (JV) Fatehpur

Rm : - 17.1 Om

Rw : - 17.7 Om

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.	Quality of G.W.
1	35	38	03	All Good
2	46	56	10	
3	77	81	04	
4	88	92	04	
5	106	110	04	
6	117	120	03	

Note- All zones are intermixed with Fine band of Kankar. Sr no 03 and 06 are highly intermixed with kankar.

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

G.Ch
12/06/23

M/s Mahalaxmi Tubewell