



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

Test report

Sample ID:

U719011514063332

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 : Pratappur WSS

Village:

Pratap Pur

Gram
Panchayat:

Pratap Pur

Block:

Khajuha

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

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

Latitude:

Longitude:

Date & time of sample collection

13.07.2023 | 01:05:00 PM

Date & time of sample received in lab

14.07.2023 | 12:45:00 PM

Date & time of sample analysed

26.08.2023 | 03:23:00 PM

Date & time of report generation

28.08.2023 | 05:11:22 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	40.080	
2	Chloride (as Cl)*	mg/l	250	1000	26.780	
3	Fluoride (as F)*	mg/l	1	1.5	0.840	
4	Free residual Chlorine	mg/l	0.2	1	0.000	
5	Iron (As Fe)*	mg/l	1	No Relaxation	0.130	

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	47.720	
7	Nitrate (as NO ₃)*	mg/l	45	No Relaxation	0.240	
8	Odour*	NA	Agreeable	Agreeable	0.000	
9	pH*	NA	6.5-8.5	No Relaxation	7.780	
10	Sulphate (as SO ₄)*	mg/l	200	400	20.320	
11	Taste*	NA	Agreeable	Agreeable	0.000	
12	TDS*	mg/l	500	2000	325.900	
13	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	348.600	
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	296.000	
17	Turbidity*	NTU	1	5	0.600	

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 Pratappur village, Block-Khajuha, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission	
	Actual Lowering Chart at Vill. Pratappur 200*150	Discharge = 600 LPM

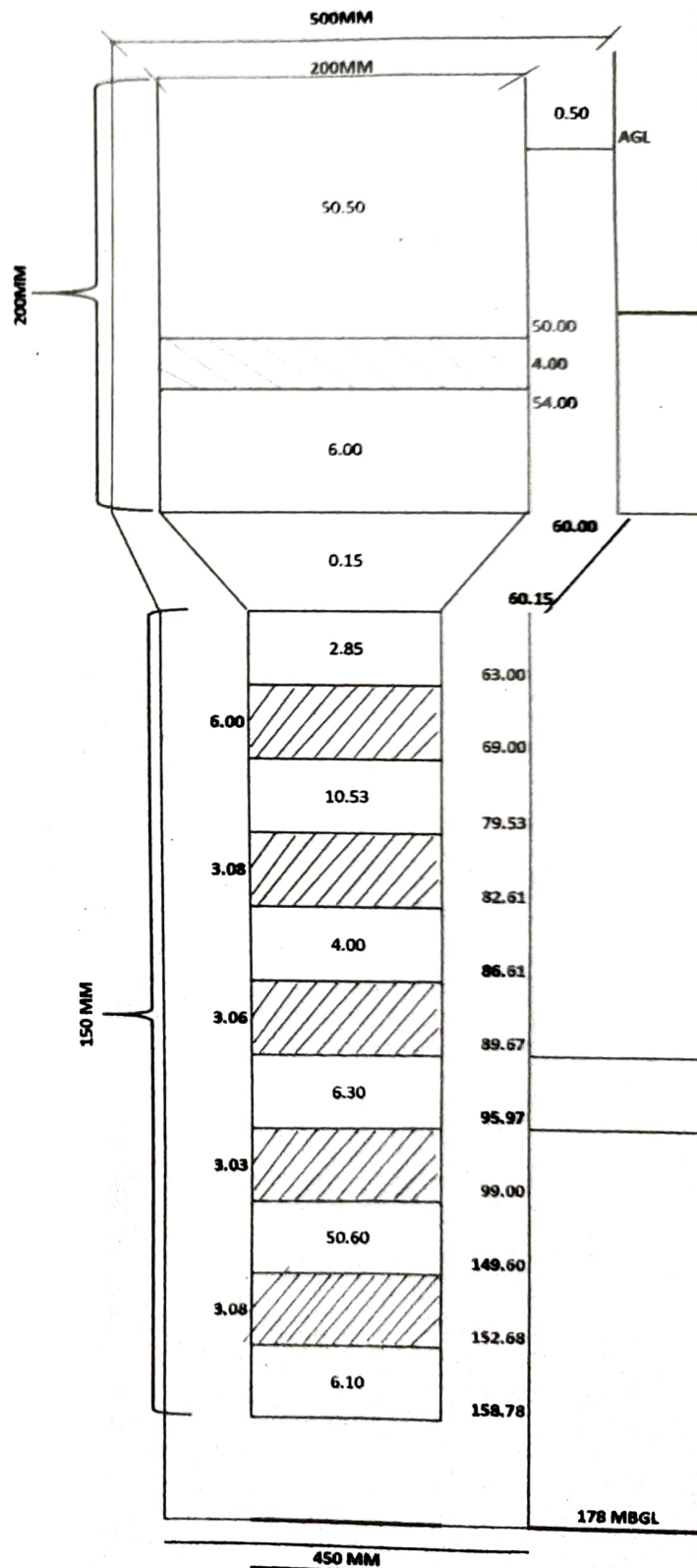
Gram Panchayat : Pratappur
Block : Khajuha
District : Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL-BRCCL(IV)
2	Size of Borewell	200*150
3	Date of Logging	14-06-23
4	Date of Lowering	20-06-23

Abstract of Pipe				
Sr. No.	Discription	UOM	Item	Qty
1	200MM	MTR	PLAIN PIPE	56.50
2	200MM	MTR	SLOTTED PIPE	4.00
3	200*150	MTR	Reducer	0.15
4	150 MM	MTR	PLAIN PIPE	80.38
5	150 MM	MTR	SLOTTED PIPE	18.25
			Total Length	159.28

Logging Report			
Sr. No.	Discription	Thickness(M)	Quality of G.W
1	22-26	4	ALL GOOD
2	41-48	7	
3	50-54	4	
4	63-69	6	
5	79-83	4	
6	86-90	4	
7	96-99	3	
8	149-153	4	

Note:- 1. All zones are intermixed with fine bands of kankar.



[Signature]
TPIA(ME)Engineer

[Signature]
Junior Engineer

[Signature]
Assistant Engineer

[Signature]
Executive Engineer



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Ref. No. : AGS/EL/2023/FTP-102

Date : 15/06/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Pratappur
Location : 25.971973, 80.53833
Block : Khajua
District : Fatehpur
State : Uttar Pradesh
Logging Depth : ~~158 Mbgl~~
Rm/Rw : ~~14/12~~
Date of Logging : ~~14-Jun-2023~~
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : ~~GIT~~
Tubewell Drilled By : M/S PMPL-BRCCPL (JV) Fatehpur, Uttar Pradesh
Representative : M/S MRCPL, Fatehpur

Based on the interpretation of Self Potential(SP), Short Normal(N-16''), Long Normal(N-64'') and Lateral(6'') Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	22-26	4	Good
2	41-48	7	Good
3	50-54	4	Good
4	63-69	6	Good
5	79-83	4	Good
6	86-90	4	Good
7	96-99	3	Good
8	149-153	4	Good

Note: ~~1-~~ All zone intermixed with thin bands of kankar.

Verified as per
logs provided
G.Sh
15/06/23



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