

Jal Jeevan Mission

Har Ghar Jal



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

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

Test report

Sample
Id:

U2181500S22766047

User Information

Name:

Karunakar Singh

Mobile:

7651885376

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:

Location : Near Raj Milk Dairy [Source type : Deep Tubewell] [sc

Village:

Darveshpur

Gram
Panchayat:

Darveshpur

Block:

Malwan

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Vill Darveshpur Block Malwan Fatehpur

Latitude:

Longitude:

Date & time of sample collection

14.06.2024 | 05:05:00 PM

Date & time of sample received in lab

18.06.2024 | 06:50:00 PM

Date & time of sample analysed

05.09.2024 | 04:30:00 PM

Date & time of report generation

12.09.2024 | 04:18:04 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	90.000	Argentometric method	
2	Colour	Hazen units	5	15	0.000	Visual comparison method	NT
3	E. coli*	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT	
4	Fluoride (as F)*	mg/l	1	1.5	0.980	Ion selective electrode method	
5	Free residual Chlorine*	mg/l	0.2	1	0.000	Iodometric method	
6	Iron (As Fe)*	mg/l	1	No Relaxation	0.100	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
7	Nitrate (as NO3)*	mg/l	45	No Relaxation	12.000	UV-Visible Spectrophotometer	
8	pH*	NA	6.5-8.5	No Relaxation	7.400	Electrometric method	
9	Sulphate (as SO4)*	mg/l	200	400	48.000	Turbidimetric method	
10	TDS	mg/l	500	2000	424.000	Gravimetric method	
11	Temperature*	NA	NA	NA	28.700	Temperature	
12	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	210.000	Titration method	
13	Total Arsenic (As As)*	mg/l	0.01	No Relaxation	0.000	Silver diethyldithiocarbamate (SDDC) method using UV-Visible Spectrophotometer	NT
14	Total coliform*	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT	
15	Total Hardness (As CaCO3)*	mg/l	200	600	300.000	EDTA Titrimetric method	
16	Turbidity*	NTU	1	5	3.100	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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Print

Project Name :

Implementation of various rural water supply project including O&M for 10 Year for Darveshpur village, Block-Malwan, District-Fatehpur of Uttar Pradesh Under Jal Jeevan Mission Phase-III

Discharge = 350 LPM

Actual Lowering Chart at Vill. Darveshpur 300°300

Gram Panchayat :
Block :
District :

Darveshpur
Malwan
Fatehpur

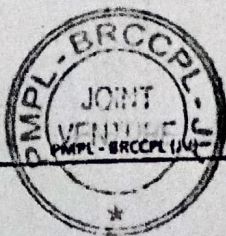
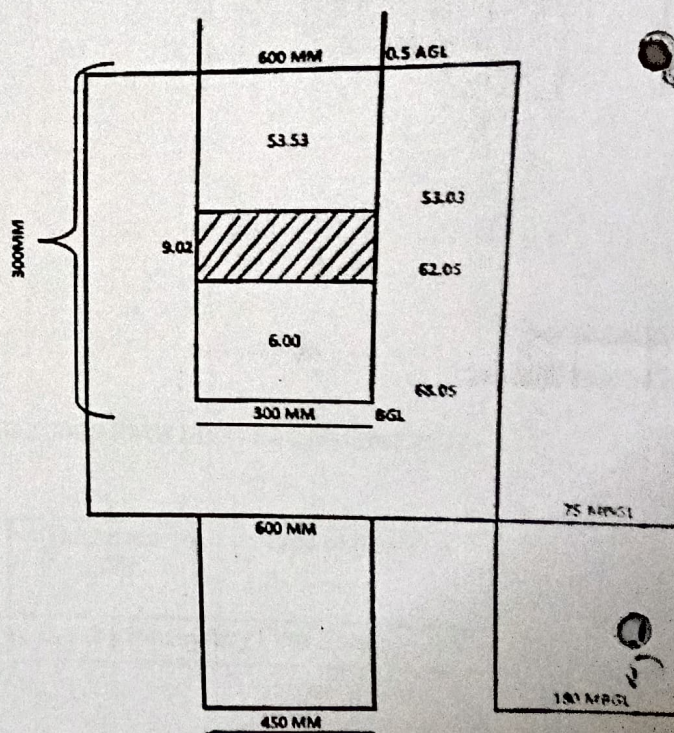
Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(IV)
2	Size of Borewell	300°300
3	Date of Logging	08.04.2024
4	Date of Lowering	12.04.2024

Abstract of Pipe				
Sr. No.	Description	UOM	Item	Qty
1	300 MM	MTR	PLAIN PIPE	53.53
2	300 MM	MTR	SLOTTED PIPE	9.02
2	300x200 MM	MTR	Reducer	0.00
3	200 MM	MTR	PLAIN PIPE	0.00
4	200 MM	MTR	SLOTTED PIPE	0.00
			Total Length	62.55

Logging Report

Sr. No.	Description	Thickness(M)	Quality of G.W
1	52-63	11	Very Fine Sand

Note :-
1:-Water quality is fresh in all the above zone.
2:- Good calys in depth interval 44-47 & 70-78 mbgl.
3:-Below 78 m the formations are comprised of silty clays all through the depth logged.



[Signature]
Junior Engineer

[Signature]
Junior Engineer

[Signature]
Assistant Engineer

[Signature]
Executive Engineer

M/s ANIL KUMAR

KDA Colony, Daheli Sujanpur, Shyam Nagar
Kanpur 6206697773

rakesh@akgroupindia.co.in

Geophysical Well Logging Report

Ref No -AK/LOG/167

Date -09/04/24

Site Location : - JAFRABAD
Block & District : Malwan, Fatehpur
Logged Depth : -175 MBGL
Date of Logging : - 08.04.2024
Types of Log : - S.P& N16, N-64
LATLogger used : - IGIS
Name of Agency : POWERMECH
Rm - 14.89 Ω m Rw - 10.49 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 Mtr.	Type of Strata
01	52	63	11	Very Fine Sand

Remarks

- I. Water quality is fresh in the above zone
- II. Good clays in depth intervals 44-47 & 70-78 mbgl
- III. Below 78 m the formations are comprised of silty clays all through the depth logged.

B.B. Trivedi

B.B. Trivedi
Chief Consultant
Former Senior Scientist,
Ministry of Water Resources,
Govt. of India