

Project Name :

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

Actual Lowering Chart at Vill. Bindour 300*200

Discharge = 775 LPM

Gram Panchayat :

Bindour

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	01-07-23
4	Date of Lowering	08-07-23

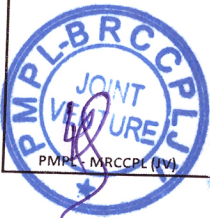
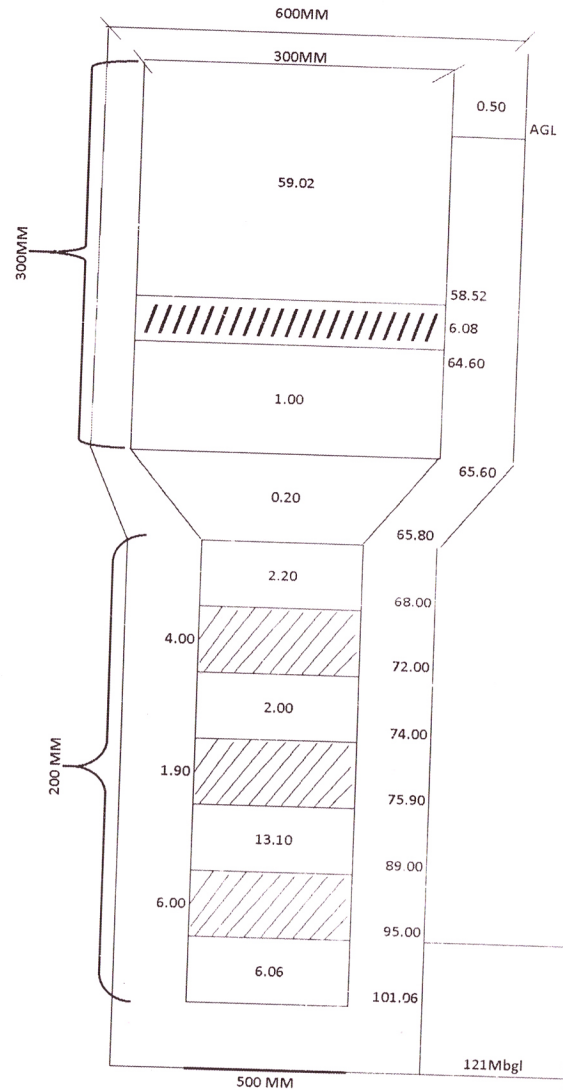
Abstract of Pipe

Sr. No.	Discription	UOM	Item	Qty
1	300MM	MTR	PLAIN PIPE	60.02
2	300MM	MTR	SLOTTED PIPE	6.08
3	300*200	MTR	Reducer	0.20
4	200 MM	MTR	PLAIN PIPE	23.36
5	200 MM	MTR	SLOTTED PIPE	11.90
			Total Length	101.56

Logging Report

Sr. No.	Discription	Thickness(M)	Quality of G.W
1	40-46	6	ALL GOOD
2	58-66	8	
3	68-72	4	
4	74-76	2	
5	89-95	6	
6	102-106	4	

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



TPIA(ME) Engineer

Junior Engineer

Assistant Engineer

Executive Engineer



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:

U719011514063499

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 : Bindaur WSS

Village:

Bindour

Gram
Panchayat:

Bindour

Block:

Khajuha

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

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

Latitude:

Longitude:

Date & time of sample collection

25.07.2023 | 12:30:00 PM

Date & time of sample received in lab

26.07.2023 | 02:35:00 PM

Date & time of sample analysed

26.08.2023 | 03:26:00 PM

Date & time of report generation

18.09.2023 | 03:33:19 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	66.500	
3	Fluoride (as F)*	mg/l	1	1.5	0.860	
4	Free residual Chlorine	mg/l	0.2	1	0.000	
5	Iron (As Fe)*	mg/l	1	No Relaxation	0.140	

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	35.060	
7	Nitrate (as NO ₃)*	mg/l	45	No Relaxation	1.480	
8	Odour*	NA	Agreeable	Agreeable	0.000	
9	pH*	NA	6.5-8.5	No Relaxation	7.650	
10	Sulphate (as SO ₄)*	mg/l	200	400	30.270	
11	Taste*	NA	Agreeable	Agreeable	0.000	
12	TDS*	mg/l	500	2000	393.500	
13	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	378.000	
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 CaCO ₃)*	mg/l	200	600	244.000	
17	Turbidity*	NTU	1	5	0.680	

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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Ref. No. : AGS/EL/2023/FTP-144
Date : 02/07/2023


GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Bindour
Location : 25.904588, 80.51635
Block : Khajua
District : Fatehpur
State : Uttar Pradesh
Logging Depth : 107 Mbgl
Rm/Rw : 13/13
Date of Logging : 01-July-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S PMPL-BRCCPL (JV) Fatehpur, Uttar Pradesh
Representative : M/S MRCPL.

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	40-46	6	Good
2	58-66	8	Good
3	68-72	4	Good
4	74-76	2	Good
5	89-95	6	Good
6	102-106	4	Good

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


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Solutions
Sanjeet Sharma
(Hydrogeologist)