

Project Name : Implementation of various rural water supply project including O&M for 10 Year for Chandpur village, Block-Amauli, District-Fatehpur of Uttar Pradesh Under Jal Jeevan Mission
Actual Lowering Chart at Vill. Chandpur 200*300
Discharge = 875 LPM
Phase-III

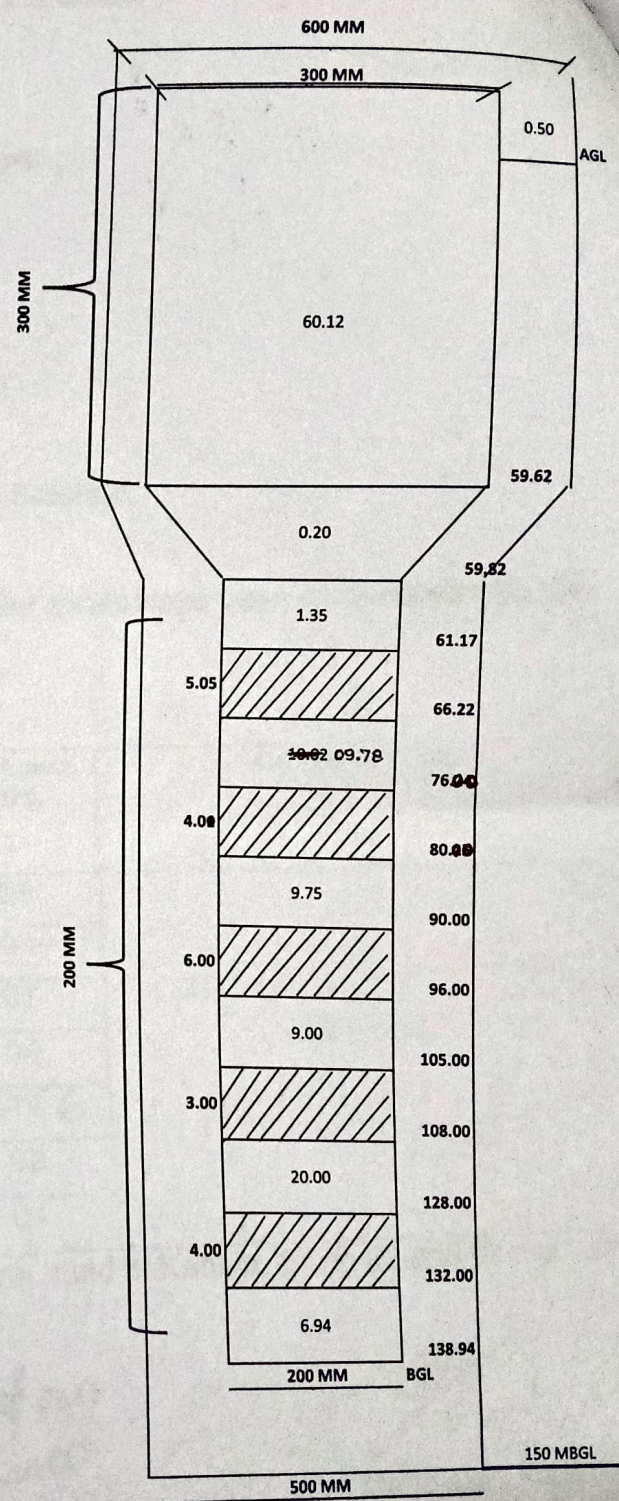
Gram Panchayat : Chandpur
Block : Amauli
District : Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(JV)
2	Size of Borewell	150*300
3	Date of Logging	13.06.2023
4	Date of Lowering	16.06.2023

Abstract of Pipe				
Sr. No.	Discription	UOM	Item	Qty
1	300 MM	MTR	PLAIN PIPE	60.12
2	200x300 MM	MTR	Reducer	0.20
3	200 MM	MTR	PLAIN PIPE	57.06
4	200 MM	MTR	SLOTTED PIPE	22.06
			Total Length	139.44

Logging Report			
Sr. No.	Discription	Thickess(M)	Quality of G.W
1	39-45	6	ALL GOOD
2	48-52	4	
3	60-67	7	
4	76-80	4	
5	90-96	6	
6	105-108	3	
7	128-132	4	

NOTE- Sr no 05 highly Intermixed with fine band of kankar. Sr no 06 and 07 are fine sand zone.



PMPL - BRCCPL (JV)
[Signature]

TPIA(ME)Engineer
[Signature]

Junior Engineer
[Signature]

Assistant Engineer
[Signature]

Executive Engineer
[Signature]

Project Name :

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

Phase-III

Actual Lowering Chart at Vill. Chandpur 150*300

Discharge = 875 LPM

Gram Panchayat :

Chandpur

Block :

Amauli

District :

Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(IV)
2	Size of Borewell	150*300
3	Date of Logging	10.07.2023
4	Date of Lowering	17.07.2023

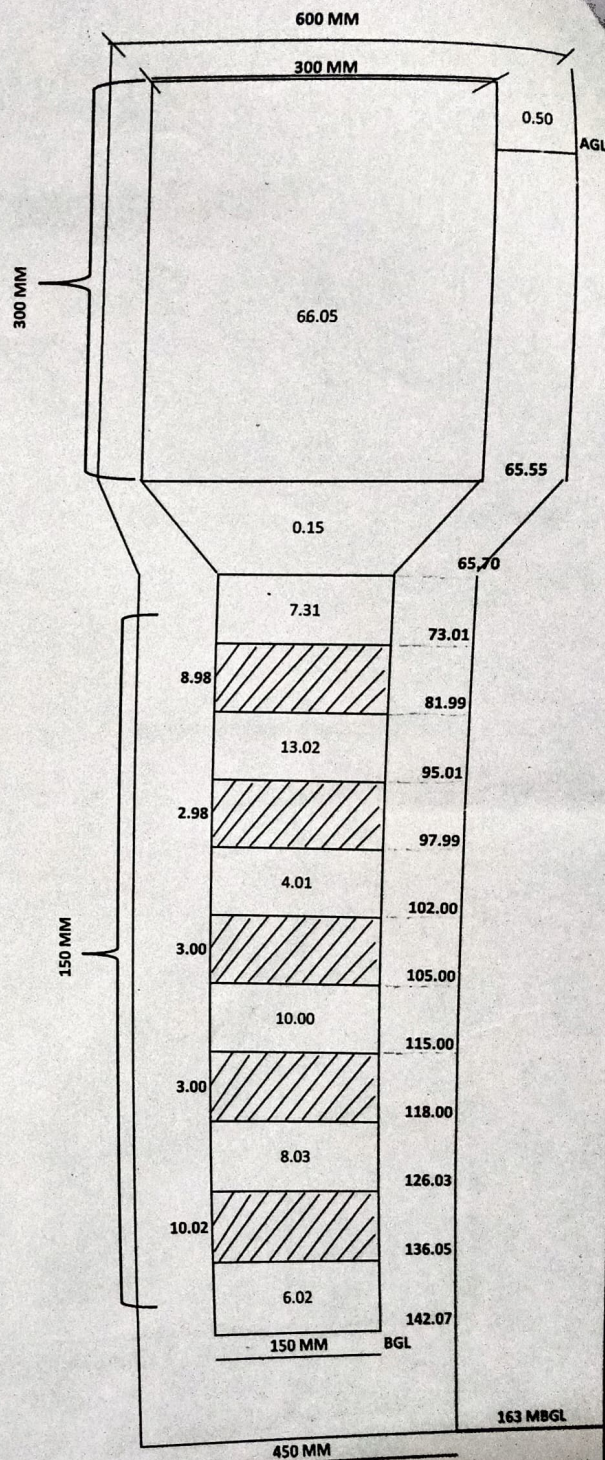
Abstract of Pipe

Sr. No.	Discription	UOM	Item	Qty
1	300 MM	MTR	PLAIN PIPE	66.05
2	150x300 MM	MTR	Reducer	0.15
3	150 MM	MTR	PLAIN PIPE	48.39
4	150 MM	MTR	SLOTTED PIPE	27.98
			Total Length	142.57

Logging Report

Sr. No.	Discription	Thickess(M)	Quality of G.W
1	33-38	5	ALL GOOD
2	55-67	12	
3	73-82	9	
4	95-98	3	
5	102-105	3	
6	115-118	3	
7	125-137	12	

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



PMPL-BRCCPL(IV)

PIA(ME)/Engineer

Junior Engineer

Assistant Engineer

Executive Engineer

M/s Mahalaxmi Tube well

Rajnendra Nagar Pukhrayan Kanpur 9935299290

Geophysical Well Logging Report

Ref No - 06-180

Date 11/06/2023

Site Location : - Bhikhnipur Amauli Fatehpur

District : - Fatehpur

Logged Depth : - 135 M BGL

Date of Logging : - 13/06/2023

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

Logger used : - IGIS

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

Rm : - 18.8 Qm Rw : - 18.6 Qm

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	39	45	06	All Good
2	48	52	04	
3	60	67	07	
4	76	80	04	
5	82 90	96	14 6	
6	105	108	03	
7	128	132	04	

Note- Sr no 05 highly intermixed with Fine band of Kankar. Sr no 06 and 07 are fine sand zone.

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

M/s Mahalaxmi Tubewell

M/s Mahalaxmi Tube well



Rajnendra Nagar Pukhrayan Kanpur
9935299290 mahalaxmitubewell@gmail.com

Geophysical Well Logging Report

Ref No – 07/108

Date -11/07/2023

Site Location : - Chandpur Amauli Fatehpur
District : - Fatehpur
Logged Depth : - 147 M BGL
Date of Logging : - 10/07/2023
Types of Log : - S.P& N16, N-64 LAT
Logger used : - IGIS
Name of Agency : - PMPL-BRCCPL (JV) FATEHPUR
Rm -17.1 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 Mtr	Inferred Lithology	Quality of G.W.
01	33	38	05	Fine to medium Sand	All Good
02	55	67	12		
03	73	82	09		
04	95	98	03		
05	102	105	03		
06	115	118	03		
07	125	137	12		

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

P. Uma Maheswara Rao,
M. Sc.
P Uma Maheshwara Rao
Hydrologist

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

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

Print

Test report

Sample
Id:

U2181500S26061565

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 : Chandpur [Source type : Deep Tubewell] [schemeld :

Village:

Chandpur

Gram
Panchayat:

Chandpur

Block:

Amauli

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Vill Chandpur TW No1 Block Amauli Fatehpur

Latitude:

Longitude:

Date & time of sample collection

22.10.2024 | 03:25:00 PM

Date & time of sample received in lab

02.01.2025 | 03:30:00 PM

Date & time of sample analysed

08.01.2025 | 03:50:00 PM

Date & time of report generation

10.01.2025 | 03:36:36 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	72.000	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	1.420	Ion selective electrode method	
5	Free residual Chlorine*	mg/l	0.2	1	0.100	Iodometric method	
6	Iron (As Fe)*	mg/l	1	No Relaxation	0.200	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
7	Nitrate (as NO ₃)*	mg/l	45	No Relaxation	14.000	UV-Visible Spectrophotometer	
8	pH*	NA	6.5-8.5	No Relaxation	6.840	Electrometric method	
9	Sulphate (as SO ₄)*	mg/l	200	400	40.000	Turbidimetric method	
10	TDS	mg/l	500	2000	893.000	Gravimetric method	
11	Temperature*	NA	NA	NA	22.600	Temperature	
12	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	590.000	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 CaCO ₃)*	mg/l	200	600	448.000	EDTA Titrimetric method	
16	Turbidity*	NTU	1	5	0.740	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.

Designed & Developed by NIC. Copyright ©copy NJJM 2025

Print