

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
Phase-III
Discharge = 875 LPM

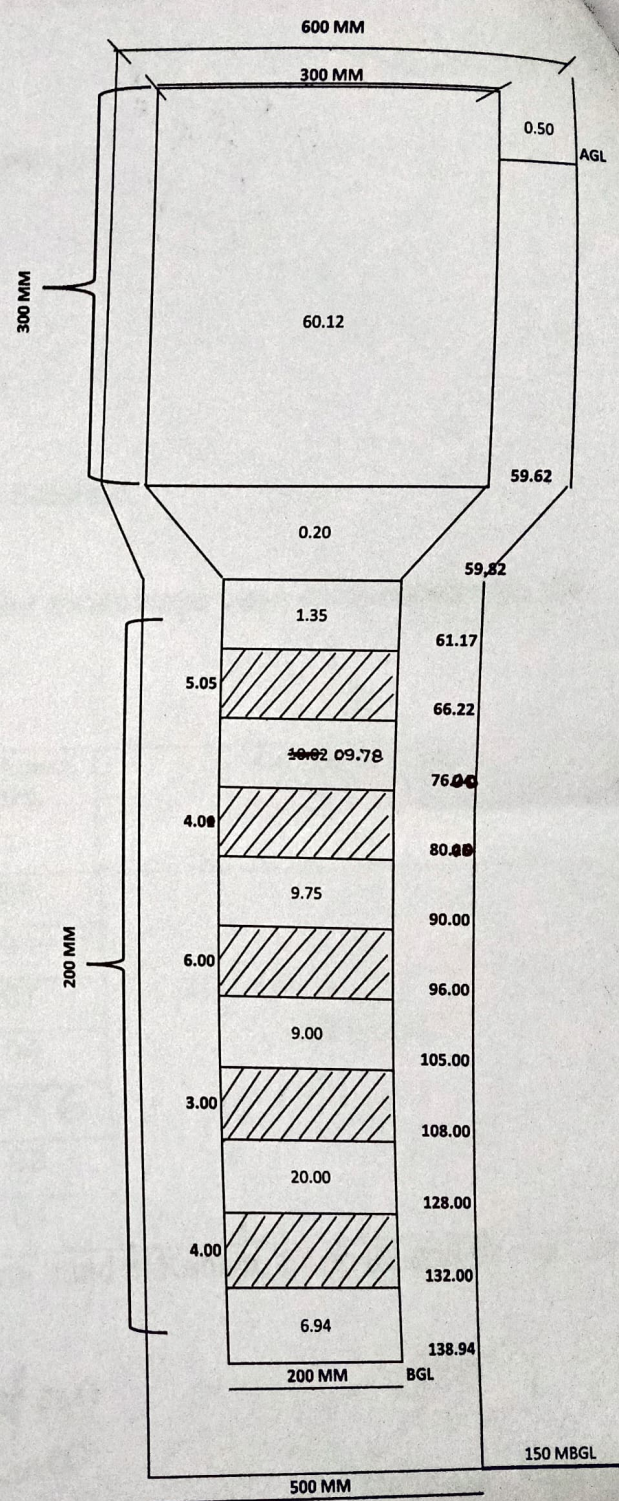
Gram Panchayat : Chandpur
Block : Amauli
District : Fatehpur

| 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)

TPIA(ME)Engineer

Junior Engineer

Assistant Engineer

Executive Engineer

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:

U2181500S25585837

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 No2 Block Amauli Fatehpur

Latitude:

Longitude:

Date & time of sample collection

23.10.2024 | 12:05:00 PM

Date & time of sample received in lab

03.01.2025 | 12:15:00 PM

Date & time of sample analysed

07.01.2025 | 05:10:00 PM

Date & time of report generation

08.01.2025 | 04:46:18 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 | 116.000 | 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 | 1.320 | 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 | 0.100 | Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method | |
| 7 | Nitrate (as NO ₃)* | mg/l | 45 | No Relaxation | 16.000 | UV-Visible Spectrophotometer | |
| 8 | pH* | NA | 6.5-8.5 | No Relaxation | 7.240 | Electrometric method | |
| 9 | Sulphate (as SO ₄)* | mg/l | 200 | 400 | 52.000 | Turbidimetric method | |
| 10 | TDS | mg/l | 500 | 2000 | 971.000 | Gravimetric method | |
| 11 | Temperature* | NA | NA | NA | 22.600 | Temperature | |
| 12 | Total Alkalinity (as Calcium Carbonate)* | mg/l | 200 | 600 | 246.000 | 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 | 588.000 | EDTA Titrimetric method | |
| 16 | Turbidity* | NTU | 1 | 5 | 0.840 | 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