

|                       |   |  |                     |
|-----------------------|---|--|---------------------|
| <b>Project Name :</b> | Implementation of various rural water supply project including O&M for 10 Year for Gaura, Block-Khajuha, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission |  |                     |
|                       | Actual Lowering Chart at Vill. Gaura 300X150  |  | Discharge = 800 LPM |

|                  |          |
|------------------|----------|
| Gram Panchayat : | Gaura    |
| Block :          | Khajuha  |
| District :       | Fatehpur |

| Sr No. |                  |                     |
|--------|------------------|---------------------|
| 1      | TW Const. By     | M/s PMPL-BRCCPL(JV) |
| 2      | Size of Borewell | 300*150             |
| 3      | Date of Logging  | 20-06-23            |
| 4      | Date of Lowering | 28-06-23            |

| Abstract of Pipe |             |     |              |        |
|------------------|-------------|-----|--------------|--------|
| Sr. No.          | Discription | UOM | Item         | Qty    |
| 1                | 300 MM      | MTR | PLAIN PIPE   | 58.00  |
| 2                | 300 MM      | MTR | SLOTTED PIPE | 12.24  |
| 2                | 300x150 MM  | MTR | Reducer      | 0.20   |
| 3                | 150 MM      | MTR | PLAIN PIPE   | 71.08  |
| 4                | 150 MM      | MTR | SLOTTED PIPE | 7.00   |
| Total Length     |             |     |              | 148.52 |


  


| Logging Report |             |             |                |
|----------------|-------------|-------------|----------------|
| Sr. No.        | Discription | Thickess(M) | Quality of G.W |
| 1              | 55-68       | 13          | ALL GOOD       |
| 2              | 105-108     | 3           |                |
| 3              | 138-142     | 4           |                |


  


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


  

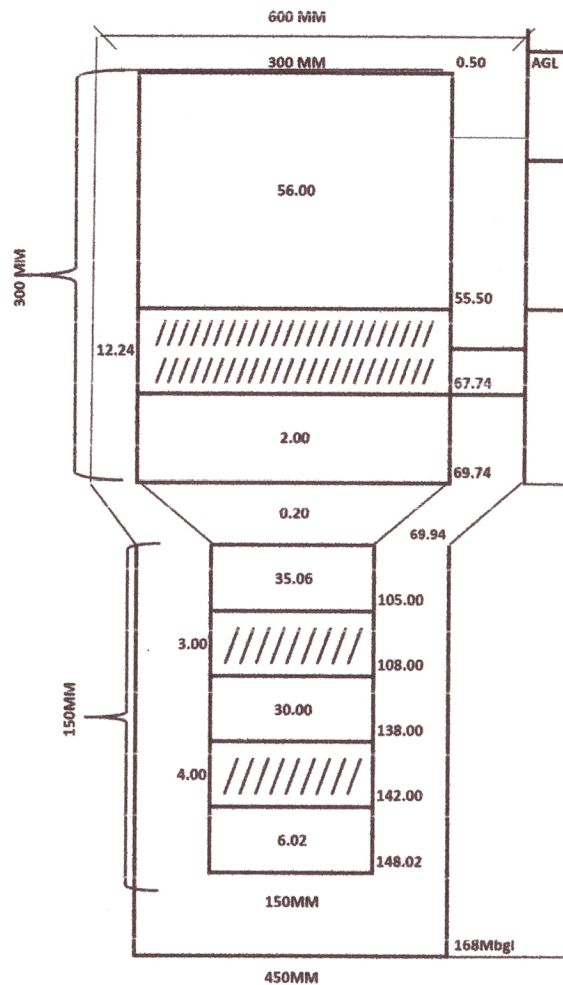


  
TPIA(ME) Engineer

  
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:

U719011515307224

#### 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 : Gaura WSS

Village:

Gaura

Gram  
Panchayat:

Gaura

Block:

Khajuha

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

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

Latitude:

Longitude:

Date & time of sample collection

03.08.2023 | 04:05:00 PM

Date & time of sample received in lab

06.10.2023 | 12:05:00 PM

Date & time of sample analysed

30.10.2023 | 12:53:00 PM

Date & time of report generation

21.11.2023 | 02:14:50 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   | 24.000            |         |
| 2       | Chloride (as Cl)*      | mg/l                | 250   | 1000  | 41.200            |         |
| 3       | Colour*                | Hazen units         | 5   | 15  | 0.000             |         |
| 4       | Fluoride (as F)*       | mg/l                | 1   | 1.5   | 0.450             |         |
| 5       | Free residual Chlorine | mg/l                | 0.2   | 1   | 0.000             |         |

| 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       | Iron (As Fe)*                            | mg/l                | 1   | No Relaxation   | 0.130             |         |
| 7       | Magnesium (As Mg)*                       | mg/l                | 30  | 100   | 51.654            |         |
| 8       | Nitrate (as NO <sub>3</sub> )*           | mg/l                | 45  | No Relaxation   | 4.800             |         |
| 9       | pH*                                      | NA                  | 6.5-8.5   | No Relaxation   | 7.900             |         |
| 10      | Sulphate (as SO <sub>4</sub> )*          | mg/l                | 200   | 400   | 96.150            |         |
| 11      | TDS*                                     | mg/l                | 500   | 2000  | 307.100           |         |
| 12      | Total Alkalinity (as Calcium Carbonate)* | mg/l                | 200   | 600   | 250.800           |         |
| 13      | Total Arsenic (As As)                    | mg/l                | 0.01  | No Relaxation   | 0.000             | NT      |
| 14      | Total coliform                           | CFU/ 100 ml         | Shall not be detectable in any 100 ml sample    | No Relaxation   | 0.000             |         |
| 15      | Total Hardness (As CaCO <sub>3</sub> )*  | mg/l                | 200   | 600   | 280.000           |         |
| 16      | Turbidity*                               | NTU                 | 1   | 5   | 0.570             |         |

**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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# M/s Mahalaxmi Tube well

Rajnendra Nagar Pukhrayan Kanpur 9935299290

## Geophysical Well Logging Report

Ref No – 06/265

Date -20/06/2023

Site Location :- Goura Khajuha Fatehpur

District :- Fatehpur

Logged Depth :- 152 M BGL

Date of Logging :- 20/06/2023

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

Logger used :- IGIS

Rm: - 18.1  $\Omega m$  Rw: - 18.2  $\Omega m$

The following permeable granular zones have been deciphered with the help of Electrical Logger

| Sr NO | Depth Range From M.B.G. | Depth Range M.B.G.L. | Thickness Mtr. | Quality of G.W. |
|-------|-------------------------|----------------------|----------------|-----------------|
| 01    | 55                      | 68                   | 13             | All Good        |
| 02    | 105                     | 108                  | 03             |                 |
| 03    | 138                     | 142                  | 04             |                 |

Note- All zones are intermixed with fine bands of kankar

- Logging performed as per SWSM guidelines.  
- Groundwater quality interpreted by firm as per their logger calibration  
G.Sh  
21/06/23

M/s Mahalaxmi Tube Well