

### Completion Plan of Tube Well

Spring water level in Mtrs.....10.....

Size of Bore in M.M. 675X675

Date of Completion of T.W. 22-4-19

Date of Completion of T.W. 22-4-19

**Countersigned**

**J. E.**

E. E.

# YIELD TEST OF TW BY COMPRESSOR

Date of Test 13-3-2019  
22-4-2019

Static W/L 10 mtr

Taste of Water. Sweet

| Discharge by V Notch |        | Stand Contents in PPM |       |        |        |        |        | Remarks |
|----------------------|--------|-----------------------|-------|--------|--------|--------|--------|---------|
| In cm                | In Lpm | Start                 | 5 Min | 10 Min | 15 Min | 30 Min | 60 Min |         |
| 7"                   | 1050   | 1200                  | 900   | 650    | 375    | Tr     | Tr     |         |
|                      |        |                       |       |        |        |        |        |         |

Contractor

J. E.

A. E.

E. E.

## YIELD TEST REPORT BY O.P. UNIT

Size of orifice 150x125 mm Taste of water Sweet

Date of Test 23-4-2019

| Height of water column in orifice tube (c.m.) | Discharge in L.P.M. | SWL in Mts | RWL in Mts | Depression in Mts | SAND CONTENTS IN P. P. M. |        |        |       |       |       |       |                                                      | Recommendations. |
|-----------------------------------------------|---------------------|------------|------------|-------------------|---------------------------|--------|--------|-------|-------|-------|-------|------------------------------------------------------|------------------|
|                                               |                     |            |            |                   | Starting                  | 5 Min. | 10 Min | 15 M. | 20 M. | 25 M. | 30 M. |                                                      |                  |
| 6"                                            | 1136                | 9.10       | 10.50      | 1.4               | 15                        | Tr     | 12     | 12    | 12    | 12    | 12    | Recommended discharge 1300 LPM at 1.5 mt depression. |                  |
| 8"                                            | 1325                | 9.10       | 10.60      | 1.5               | 25                        | Tr     | 12     | 12    | 12    | 12    | 12    |                                                      |                  |
| 12"                                           | 1742                | 9.10       | 10.90      | 1.8               | 40                        | 20     | Tr     | Tr    | 12    | 12    | 12    |                                                      |                  |
| 20"                                           | 2083                | 9.10       | 11.10      | 2                 | 45                        | 25     | 15     | Tr    | 12    | 12    | 12    | Recommended Pumping plant discharge 1200 Lpm.        |                  |
| 30"                                           | 2538                | 9.10       | 11.50      | 2.4               | 55                        | 30     | 20     | Tr    | 12    | 12    | 12    |                                                      |                  |

Contractor

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## CHEMICAL TEST REPORT

DATE OF TEST 24/4/2019

AGENCY 120MLD W.T.P LAB UP JAL NIGAM

GHAZIABAD

| Mg/Lit                     | mg/Lit         | mg/Lit       | mg/Lit  |
|----------------------------|----------------|--------------|---------|
| Colour Colour less         | Hardness Temp. | Chlorides 12 | Remarks |
| Nitrates 6.2               | Copper         | Nitride      |         |
| PH 7.75                    | Iron 0.06      | Florides 0.2 |         |
| Total Solids               | Total Alkanity | Amonia       |         |
| Dissolved Solids 200       | Sulphates 5.4  |              |         |
| Fixed Solids               | Calcium 25.6   |              |         |
| Total Hardness (CaCo3) 160 | Megnecium 23.3 |              |         |
| Permanent Hardness         | Turbidity 0.8  |              |         |

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