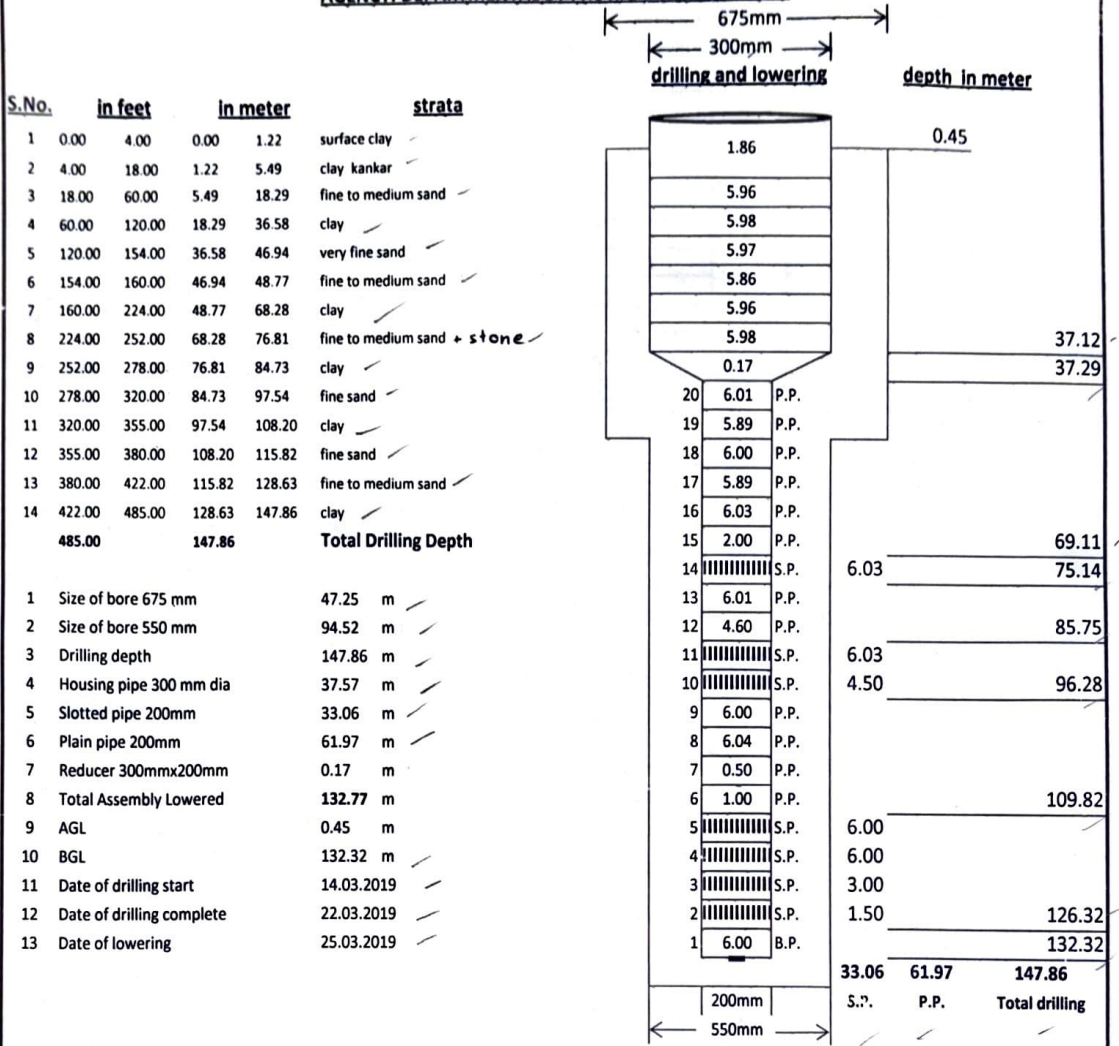


**OFFICE OF THE EXECUTIVE ENGINEER, CONSTRUCTION DIVISION (E/M)**

**U.P.JAL NIGAM, BAREILLY.**

COMPLETION PLAN OF BASELA T.W. 300MMX200MM SIZE DISTT. BADAUN UNDER :SAGY.

AGENCY: DEPARTMENTAL BY : RG RIG MACHINE 600/27



**YIELD TEST OF TW BY 250 PSI COMPRESSOR**

Date of test - 25.04.2019 / Static Water Level - 6.75 mtrs / Total Hours of Development - 60.00 hours

| S.No. | Starting Pressure in kg/cm <sup>2</sup> | Running Pressure in kg/cm <sup>2</sup> | Depression in meter | discharge by v notch in |      | Sand content in P.P.M. |      |      |      |      | REMARK                                       |
|-------|---|--|---------------------|-------------------------|------|------------------------|------|------|------|------|--|
|       |   |  |                     | inch                    | lpm  | starting               | 5    | 10   | 15   | 20   |  |
| 1     | 13.00                                   | 12.50                                  | 5.00                | 9.00                    | 2033 | 6500                   | 4000 | 2500 | 2000 | 1500 | Recommended further development by o.p.unit. |

**YIELD TEST OF TW BY 2 CUSEC O.P. UNIT**

Static Water Level - 6.75 mtrs / Taste of Water - Sweet / Date of test - 04.05.2019

Sounding of T/W before development - 130.35 mtrs / Sounding of T/W after development - 130.00 mtrs

| S.No. | discharge |        | SWL in mtr | RWL in mtr | Depression in meter | Sand content in P.P.M. |     |     |     |    |    | Recommendation |  |
|-------|-----------|--------|------------|------------|---------------------|------------------------|-----|-----|-----|----|----|----------------|--|
|       | in inch   | in lpm |            |            |                     | starting               | 5   | 10  | 15  | 20 | 25 |                | 30   |
| 1     | 9.00      | 2033   | 6.75       | 11.00      | 4.25                | 600                    | 400 | 200 | 100 | Tr | Cl | Cl             | Recommended discharge is 1300 LPM at 3.15 mtr depression. Pump should be run upto 10 mnts in bypass before injecting to Rising Main pipe line. |
| 2     | 8.50      | 1814   | 6.75       | 10.70      | 3.95                | 300                    | 200 | 100 | 100 | Tr | Cl | Cl             |  |
| 3     | 8.00      | 1536   | 6.75       | 10.35      | 3.60                | 100                    | 50  | Tr  | Tr  | Cl | Cl | Cl             |  |
| 4     | 7.50      | 1337   | 6.75       | 9.90       | 3.15                | Tr                     | Cl  | Cl  | Cl  | Cl | Cl | Cl             |  |

Checked by: Yashmeen Bano (Yashmeen Bano) Computer/J.E.(T) / Yogesh Kumar (Yogesh Kumar) J.E. / Kuldeep Kumar/H.S.Arya (Kuldeep Kumar/H.S.Arya) J.E. / A.K. Samir (A.K. Samir) A.E. / Vivek Kushwaha (Vivek Kushwaha) EE