

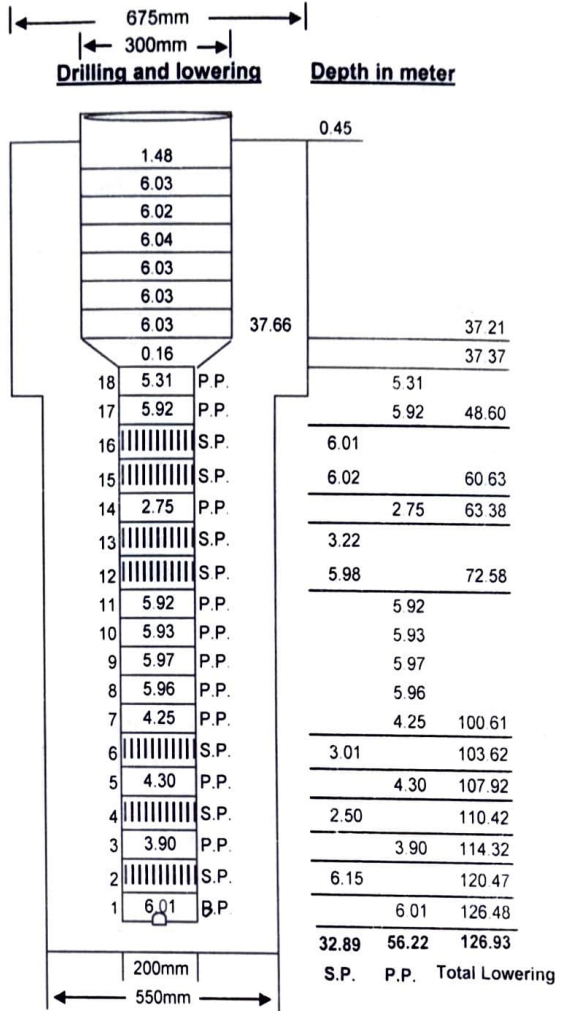
OFFICE OF THE EXECUTIVE ENGINEER, CONST. DIVISION (E/M),

U.P. JAL NIGAM, BAREILLY.

COMPLITION PLAN OF KHEDA JALALPUR T.W. No. 2 ZONE-I 300MMX200MM SIZE DIST. BUDAUN

AGENCY: DEPARTMENTAL BY: RC RIG MACHINE 600/27

| S.No. | in feet | in meter | STRATA |
|-------|---------|----------|--|
| 1 | 0 | 5 | 0.00 1.52 Surface Clay |
| 2 | 5 | 17 | 1.52 5.18 Clay |
| 3 | 17 | 85 | 5.18 25.91 Fine to medium sand |
| 4 | 85 | 90 | 25.91 27.43 Fine Sand |
| 5 | 90 | 95 | 27.43 28.96 Clay |
| 6 | 95 | 110 | 28.96 33.53 Kankar |
| 7 | 110 | 145 | 33.53 44.20 Clay Kankar |
| 8 | 145 | 150 | 44.20 45.72 Fine to medium sand |
| 9 | 150 | 154 | 45.72 46.94 Clay |
| 10 | 154 | 244 | 46.94 74.37 Fine sand, Sand Stone Kankar |
| 11 | 244 | 327 | 74.37 99.67 Clay Kankar |
| 12 | 327 | 343 | 99.67 104.55 Fine Sand |
| 13 | 343 | 351 | 104.55 106.98 Clay Kankar |
| 14 | 351 | 365 | 106.98 111.25 Fine Sand |
| 15 | 365 | 372 | 111.25 113.39 Clay Kankar |
| 16 | 372 | 399 | 113.39 121.62 Fine sand sand stone |
| 17 | 399 | 450 | 121.62 137.16 Clay |



Total Drilling depth

| | | |
|----|---------------------------|----------|
| 1 | size of bore 675 mm | 48.78 m |
| 2 | size of bore 550 mm | 88.41 m |
| 3 | Drilling depth | 137.19 m |
| 4 | Housing pipe 300MM | 37.66 m |
| 5 | Slotted pipe 200MM | 32.89 m |
| 6 | Plain pipe 200MM | 56.22 m |
| 7 | Reducer 300MMX200MM | 0.16 m |
| 8 | Total assembly lower | 126.93 m |
| 9 | AGL | 0.45 m |
| 10 | BGL | 126.48 m |
| 11 | Date of drilling start | 20.04.15 |
| 12 | Date of drilling complete | 27.04.15 |
| 13 | Date of lowering complete | 28.04.15 |

YIELD TEST OF TW BY 250 PSI COMPRESSOR

| Sl. No. | Starting pressure in Kg/Cm ² | Running pressure in Kg/Cm ² | Depression in meter | Discharge by V notch in | | SAND CONTENTS IN P.P.M | | | | | Remark |
|---------|---|--|---------------------|-------------------------|--------|------------------------|-------|--------|--------|--------|--|
| | | | | Inch | L.P.M. | Starting Min. | 5 min | 10 min | 15 min | 20 min | |
| 1 | 11.5 | 11.0 | 5.00 | 10.5 | 1080 | 7000 | 2000 | 1500 | 900 | 700 | Recommended for further development by O.P. Unit |

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

| Sounding of T.W. before development | | Sounding of T.W. after development | | Static W/L | | Taste of water | | Date of Test | | SAND CONTENTS IN P.P.M. | | Recommendation |
|-------------------------------------|-----------|------------------------------------|---------|------------|----------|----------------|------|--------------|------|-------------------------|------|--|
| S No. | Discharge | SWL | RWL | Depression | Starting | 5 | 10 | 15 | 20 | 25 | 30 | Recommended discharge is 1500 l.p.m at 3.65 Mtr. depression. |
| | in inch | in Mts. | in Mts. | in Mts. | Min. | Min. | Min. | Min. | Min. | Min. | Min. | |
| | L.P.M. | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1 | 9.5 | 2385 | 4.50 | 9.40 | 4.90 | 300 | 150 | 50 | Tr | Cl | Cl | |
| 2 | 9.0 | 2033 | 4.50 | 8.95 | 4.45 | 200 | 100 | 50 | Tr | Cl | Cl | |
| 3 | 8.5 | 1814 | 4.50 | 8.60 | 4.10 | 100 | 50 | Tr | Cl | Cl | Cl | |
| 4 | 8.0 | 1536 | 4.50 | 8.15 | 3.65 | 50 | Tr | Cl | Cl | Cl | Cl | |

Checked By

Developed By Comp. & O.P. Unit

-sd-
(Samarth Nandikar)
Computer

-sd-
(Megh Singh)
J.E.

(Signature)
(Rakesh Maurya / Yogesh Kumar)
J.E.

-sd-
(Sehraj Dost)
A.E.

(Signature)
(Vivek Kushwaha)
Ex. Engineer