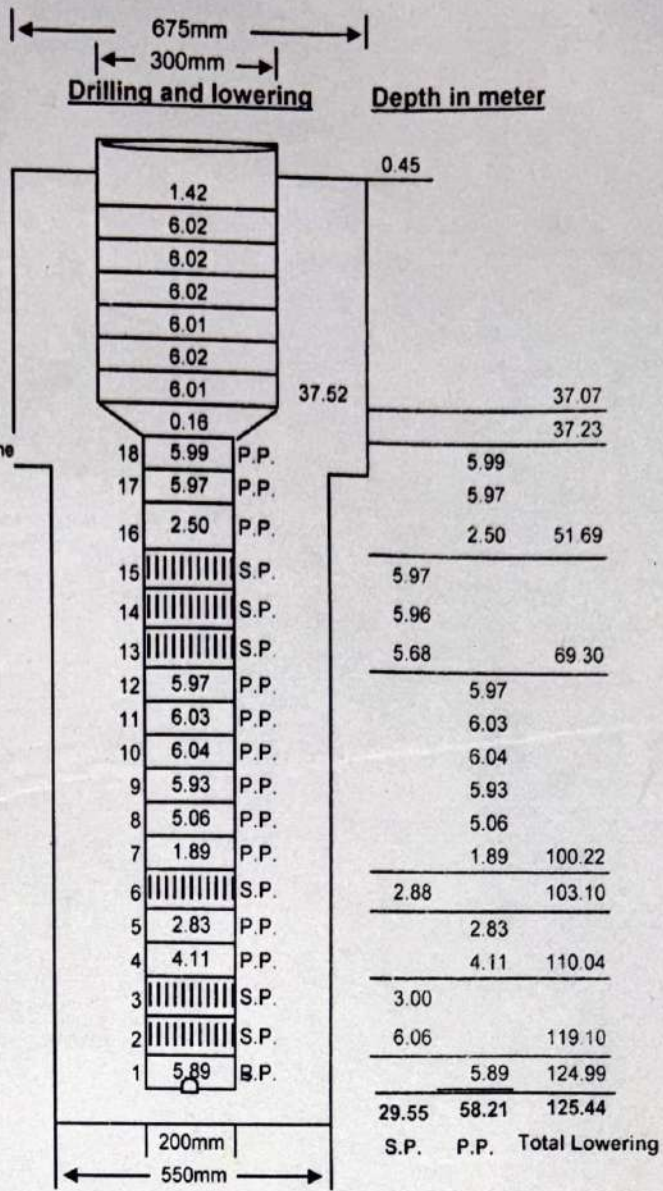


| S.No. | in feet | in meter | STRATA |
|-------|---------|----------|--|
| 1 | 0 | 0.00 | 1.22 Surface Clay |
| 2 | 4 | 1.22 | 5.49 Sand Clay |
| 3 | 18 | 5.49 | 10.67 Fine to medium sand |
| 4 | 35 | 10.67 | 12.19 Medium sand |
| 5 | 40 | 12.19 | 22.86 Clay |
| 6 | 75 | 22.86 | 26.82 Fine Sand |
| 7 | 88 | 26.82 | 28.96 Clay |
| 8 | 95 | 28.96 | 45.72 Clay Kankar |
| 9 | 150 | 45.72 | 47.85 Fine Sand |
| 10 | 157 | 47.85 | 50.90 Clay Kankar |
| 11 | 167 | 50.90 | 70.10 Fine to medium sand & sand Stone |
| 12 | 230 | 70.10 | 86.87 Clay |
| 13 | 285 | 86.87 | 89.92 Fine Sand |
| 14 | 295 | 89.92 | 99.36 Clay |
| 15 | 326 | 99.36 | 103.63 Fine sand sand stone |
| 16 | 340 | 103.63 | 108.20 Clay |
| 17 | 355 | 108.20 | 109.12 Fine sand |
| 18 | 358 | 109.12 | 121.92 Fine to medium sand |
| 19 | 400 | 121.92 | 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 | 37.52 m |
| 5 | Slotted pipe 200MM | 29.55 m |
| 6 | Plain pipe 200MM | 58.21 m |
| 7 | Reducer 350MMX200MM | 0.16 m |
| 8 | Total assembly lower | 125.44 m |
| 9 | AGL | 0.45 m |
| 10 | BGL | 124.99 m |
| 11 | Date of drilling start | 21.03.15 |
| 12 | Date of drilling complete | 28.03.15 |
| 13 | Date of lowering complete | 29.03.15 |



YIELD TEST OF TW BY 250 PSI COMPRESSOR

| Date of Test | | Static Water Level | | Total hours of development | | | | | | | |
|--------------|---|--|---------------------|----------------------------|--------|------------------------|-------|--------|--------|--------|--|
| 10.04.15 | | 4.10 m | | 59.00 hours | | | | | | | |
| 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 | 10.0 | 2730 | 4500 | 3200 | 2700 | 2500 | 2000 | Recommended for further development by O.P. Unit |

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

| Static W/L | | Taste of water | | Date of Test | | | | | | | | |
|-------------------------------------|-----------|----------------|------------------------------------|--------------|--------------------|-------------------------|--------|---------|---------|---------|---------|--|
| 4.30 m | | Sweet | | 23.05.15 | | | | | | | | |
| Sounding of T.W. before development | | | Sounding of T.W. after development | | | | | | | | | |
| 14.07 mtrs. | | | 12.76 mtrs. | | | | | | | | | |
| S. No. | Discharge | | SWL in Mts. | RWL in Mts. | Depression in Mts. | SAND CONTENTS IN P.P.Ms | | | | | | Recommendation |
| | in inch | in L.P.M. | | | | Starting Min. | 5 Min. | 10 Min. | 15 Min. | 20 Min. | 30 Min. | |
| 1 | 9.5 | 2385 | 4.30 | 9.80 | 5.50 | 400 | 250 | 50 | Tr | Cl | Cl | Recommended discharge is 1500 l.p.m at 4.50 Mtr. depression. |
| 2 | 9.0 | 2033 | 4.30 | 9.40 | 5.10 | 250 | 100 | 50 | Tr | Cl | Cl | |
| 3 | 8.5 | 1814 | 4.30 | 9.10 | 4.80 | 150 | 50 | Tr | Cl | Cl | Cl | |
| 4 | 8.0 | 1536 | 4.30 | 8.80 | 4.50 | 50 | Tr | Cl | Cl | Cl | Cl | |

Checked BY

(Signature)
Samarth Nandikar
Computer

(Signature)
(Megh Singh)
J.E.

Developed By Comp. & O.P. Unit

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

(Signature)
(Sehroz Dost)
A.E.

(Signature)
(Vivek Kushwaha)
Ex. Engineer