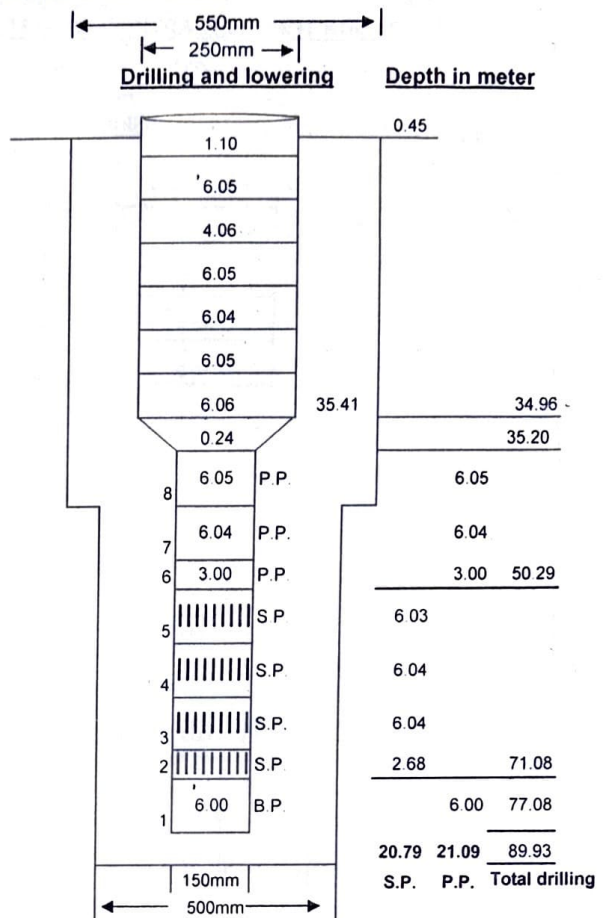


**OFFICE OF THE EXECUTIVE ENGINEER, CONST. DIVISION (E/M),
U.P. JAL NIGAM, BAREILLY.**

COMPLITION PLAN OF SAHESWAN KHAS TUBEWELL BADAUN 250MMX150MM SIZE DIST. BADAUN UNDER :MKRSGAY.

AGENCY: CONSTRUCTED BY: CONTRACTOR AMIT KUMAR

| S.No. | in feet | in meter | STRATA |
|-------|---------------------------|----------|---------------------------------|
| 1 | 0 | 10 | 0.00 3.05 Surface clay |
| 2 | 10 | 48 | 3.05 14.63 Very fine sand |
| 3 | 48 | 120 | 14.63 36.58 Fine sand yellow |
| 4 | 120 | 130 | 36.58 39.62 Clay |
| 5 | 130 | 160 | 39.62 48.77 Fine sand |
| 7 | 160 | 238 | 48.77 72.54 Fine to medium sand |
| 8 | 238 | 270 | 72.54 82.30 Caving clay |
| 9 | 270 | 295 | 82.30 89.93 Very fine sand |
| 10 | 295 | 89.93 | Total Drilling depth |
| 1 | size of bore 550mm upto | | 39.63 m |
| 2 | size of bore 500mm | | 50.30 m |
| 3 | Drilling depth | | 89.93 m |
| 4 | Housing pipe 250MM | | 35.41 m |
| 5 | Slotted pipe 150MM | | 20.79 m |
| 6 | Plain pipe 1500MM | | 21.09 m |
| 7 | Reducer 250MMX150MM | | 0.24 m |
| 8 | Total assembly lower | | 77.53 m |
| 9 | AGL | | 0.45 m |
| 10 | BGL | | 77.08 m |
| 11 | Date of drilling start | | 18-07-2011 |
| 12 | Date of drilling complete | | 22-07-2011 |
| 13 | Date of lowering complete | | 22-07-2011 |



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 | 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 | 7 | 6.5 | 5.00 | 7.5 | 1337 | 3500 | 2800 | 2100 | 1500 | 900 | |

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

| Static W/L | | 3.65 m | | Taste of water Sweet | | Date of Test | | 9/8/2011 | | | | | | | | | | | |
|-------------------------------------|-----------|-----------|--------|----------------------|---------------|-------------------------|--------|----------|---------|------------------------------------|---------|----------------|--|--|---------|--|--|--|--|
| Sounding of T.W. before development | | | | | 73.90 m | | | | | Sounding of T.W. after development | | | | | 73.10 m | | | | |
| S. No. | Discharge | | SWL in | RWL in | Depression in | SAND CONTENTS IN P.P.M. | | | | | | Recommendation | | | | | | | |
| | in inch | in L.P.M. | | | | Starting Min. | 5 Min. | 10 Min. | 15 Min. | 20 Min. | 25 Min. | | 30 Min. | | | | | | |
| 1 | 7.0 | 1134 | 3.65 | 7.25 | 3.60 | 400 | 200 | 100 | 50 | Tr | Tr | Tr | Recommended discharge is 600 l.p.m at 1.40 m depression. | | | | | | |
| 2 | 6.5 | 936 | 3.65 | 6.70 | 3.05 | 300 | 150 | 50 | Tr | Tr | Tr | Tr | | | | | | | |
| 3 | 6.0 | 770 | 3.65 | 6.20 | 2.55 | 100 | 50 | Tr | Cl | Cl | Cl | Cl | | | | | | | |
| 4 | 5.5 | 611 | 3.65 | 5.05 | 1.40 | Tr | Cl | Cl | Cl | Cl | Cl | Cl | | | | | | | |

Drawn By _____ Checked BY _____ Lowered By _____ Developed By Comp. & O.P. Unit _____

(Samarth Nandikar) (Kenth Masey) (N. C. Shankhdhar) (N. C. Shankhdhar) (Rakesh Maurya) (A.K. Samir) (S.P. Singh)
 D/m Computer J.E. J.E. A.E. Ex. Engineer