



CONST. DIVISION (E/M), U. P. JAL NIGAM GHAZIABAD

Completion Plan of T W No. 01 at BADARPUR DISTRICT B.S.R.

Type of Rig m/c R.C. 600/27 Size of Bore 675 X 600 mm S.W.L. 10.0 Mts.

Agency M/S SOBHAM PREMI MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.61 AGL	300 m. m. Dia Housing pipe 0.61 m to 38.0 m"
3.0		Surface clay		300 X 240 Dia Reducer 38.0 m to 38.15 m"
11.0		Fine sand		200 m. m. Dia Blind pipe 38.15 m to 60.39 m"
		Sandy clay		200 m. m. Dia Slotted pipe 60.39 m to 66.4 m"
27.0		M. sand		200 m. m. Dia Blind pipe 66.40 m to 72.47 m"
38.0		clay		200 m. m. Dia Slotted pipe 72.47 m to 84.54 m"
47.0				200 m. m. Dia Blind pipe 84.54 m to 86.54 m"
		M. sand		200 m. m. Dia Slotted pipe 86.54 m to 98.59 m"
68.0				200 m. m. Dia Blind pipe 98.59 m to 104.65 m"
72.0		Sandy clay		 m. m. Dia pipe m to m"
		M. sand		 m. m. Dia pipe m to m"
88.0				 m. m. Dia pipe m to m"
		F. sand		Total Assembly 105.26 m"
99.0				
		clay		
113.0				

C.B No 3/S.E (E2M) / 2014-15

ABSTRACT

1. Drilling Started on 30.9.14
 2. Drilling Completed on 15.10.14
 3. Assembly Lowered on 16.10.14
 4. Drilling Depth 113.00 m.
 5. Assembly Lowered 105.26 m.
- Housing Pipe 300 m. m. dia 38.61 m
- Blind Pipe 200 m. m. dia 36.37 m
- Slotted Pipe 200 m. m. dia 30.13 m

TEST REPORT BY COMPRESSOR

Date of Test 31.10.2019

Static W/L 11.600

Taste of Water SWEET

Discharge by V Notch		Sand Contents						Remarks
In Inch	In LPM	Start	5 Min	10 Min	15 Min	20 Min	40 Min	
2.5"	1444	8000	7000	5000	4000	3000	1400	Yellowish / Pale Yellowish
2.5"	1815	10000	8000	6000	4500	3500	2000	very muddy see sample 2nd, 3rd & 4
J.E.		J.E.						J.E.

YIELD TEST REPORT

L No 24 & 279 DL 12.11.19

S.W.L. 10.0 Taste of Water SWEET

Date of Test 12.11.19

V Notch / Orifice Reading	Discharge in L. P. M.	R. W. L. in Mts.	Depression in Mts.	SAND CONTENTS					
				Starting	5 Min.	10 Min.	15 Min.	20 Min.	30 Min.
9"	1408	14.40	4.20	40	Tr	Cl	Cl	Cl	Cl
10.5"	1521	14.80	4.80	60	Tr	Cl	Cl	Cl	Cl
15.0"	1817	15.00	5.00	100	40	Tr	Cl	Cl	Cl
20"	2062	15.40	5.40	150	70	20	Tr	Tr	Cl
25"	2301	15.50	5.50	250	150	100	60	20	Tr

Recommended 14.0 discharge at 4.20 mts. depression. J.E. J.E. J.E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF: L No 24, 71 & 6 12.12.19 DATED 4-12-19

1. TURBIDITY	5.6	10. MAGNESIUM (as mg) mg	2.5 L
2. PH	8.45	11. IRON (as Fe) mg	2.15
3. TOTAL DISSOLVED SOLIDS mg	320	12. RESIDUAL CHLORINE mg/l	1.0
4. TOTAL HARDNESS (as Ca CO3) mg	272		
	22		