



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

Completion Plan of T W No. 01 (QPV) at MUDHIBAKAR DISTRICT BSR

Type of Rig m/c R.C. 600/27' Size of Bore 675X600mm S.W.L. 2.0 Mts.

Agency M.S. SOBHA RAMPREM L GARH ROAD MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.50M. AGL.	300 m. m. Dia Housing pipe 0.50M. AGL. m to 38.70. m"
G.L. 3.00M.		SURFACE CLAY		300 m. m. Dia Reducer 38.70. m to 38.85m"
				200 m. m. Dia Blind pipe 38.85. m to 48.37 m"
		FINE SAND		200 m. m. Dia Slotted pipe 48.37. m to 60.58 m"
				200 m. m. Dia Blind pipe 60.58. m to 66.62 m"
				200 m. m. Dia Slotted pipe 66.62. m to 75.57 m"
				200 m. m. Dia Blind pipe 75.57. m to 84.21. m"
36.00M.		SANDY CLAY		200 m. m. Dia Slotted pipe 84.21. m to 93.23 m"
48.00M.				200 m. m. Dia Blind pipe 93.23. m to 96.75 m"
		MEDIUM SAND		 m. m. Dia pipe m to m"
				500 m. m. Dia pipe m to m"
62.00M.		CLAY		66.62M. m. m. Dia pipe m to m"
65.00M.				Total Assembly 96.75 m"
		MEDIUM SAND		
76.00M.		CLAY WITH KANKER		
84.00M.		MEDIUM SAND		
93.50M.		CLAY WITH KANKER		
100.00M.				

ABSTRACT

1. Drilling Started on 21-03-2014
 2. Drilling Completed on 25-03-2014
 3. Assembly Lowered on 25-03-2014
 4. Drilling Depth 100.00 m.
 5. Assembly Lowered 96.75 m.
- Housing Pipe 300 m. m. dia 39.20 m
- Blind Pipe 200 m. m. dia 26.77 m
- Slotted Pipe 200 m. m. dia 20.43 m

As Executed

Murad

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TEST REPORT BY COMPRESSOR

Date of Test

31.03.14 Static W/L 9.0 M

Taste of Water SWEET

Discharge by
V. Notch

Sand Contents

Remarks

In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	40 Min.	
8 3/4"	1754	10000	7000	5000	4000	2500		Yellow fine sand observed. Coarse mucky available
8 3/4"	1980	12000	9000	5500	4500	2900		Red gravel not going.

J. E.

A. E.

C/S
E. E.

YIELD TEST REPORT

L. No. 864/17-61157 Dt. 09-05-14

S.W.L. 2.0 Taste of Water SWEET Date of Test 11.04.2014

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.
10.5"	1521	13.00	4.00	50	Tr	cl	cl	cl	cl
14.0"	1760	13.40	4.40	70	Tr	cl	cl	cl	cl
20"	2062	14.00	5.00	100	30	Tr	cl	cl	cl
25"	2301	14.40	5.40	120	70	30	Tr	Tr	cl
33"	2660	14.80	5.80	250	150	100	70	40	Tr

Recommended 17.50 LPM discharge at 4.40 mts. depression.

J. E.

A. E.

C/S
E. E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No. 864/17-6111 DATED 5.5-14

1. TURBIDITY.....	0.8	10. MAGNESIUM (as mg) mgl.	26.1
2. PH.....	7.25	11. IRON (as Fe) mgl.	1.05
3. TOTAL DISSOLVED SOLIDS mgl.	490	12. RESIDUAL CHLORINE mgl. Nil	Nil
4. TOTAL HARDNESS (as ca co3) mgl.	252		
5. CHLORIDES (as CL) mgl.	40		
6. SULPHATES (as So4) mgl.	57		
	0.4		