



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

Completion Plan of T W No. 01 at BHAIPUR DISTRICT BSR

Type of Rig m/c 600/27 Size of Bore 550X450mm S.W.L. 9.00 Mts.

Agency M/S. SOBHA RAM PREMI GARH ROAD MEERUT.

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.50 M.A.G.L.	200 m. m. Dia Housing pipe 0.50 M.A.G.L. to 35.72 m"
3.00 M.		SURFACE CLAY		200 x 150 m. m. Dia Reducer 35.72 m to 35.87 m"
		SANDY CLAY		150 m. m. Dia Blind pipe 35.87 m to 41.90 m"
14.00 M.		FINE SAND		150 m. m. Dia Slotted pipe 41.90 m to 47.93 m"
22.00 M.		M. SAND		150 m. m. Dia Blind pipe 47.93 m to 50.93 m"
32.00 M.		SANDY CLAY		150 m. m. Dia Slotted pipe 50.93 m to 56.97 m"
34.00 M.		M. SAND		150 m. m. Dia Blind pipe 56.97 m to 60.00 m"
37.00 M.		SANDY CLAY		150 m. m. Dia Slotted pipe 60.00 m to 66.04 m"
41.00 M.		MEDIUM SAND		150 m. m. Dia Blind pipe 66.04 m to 72.09 m"
48.00 M.		CLAY		150 m. m. Dia pipe m to m"
51.00 M.		MEDIUM SAND		150 m. m. Dia pipe m to m"
57.00 M.		CLAY		150 m. m. Dia pipe m to m"
60.00 M.		MEDIUM SAND		150 m. m. Dia pipe m to m"
67.00 M.		CLAY		Total Assembly 72.59 m"
81.00 M.		CLAY		

ABSTRACT

- Drilling Started on 16-05-2014
 - Drilling Completed on 19-05-2014
 - Assembly Lowered on 20-05-2014
 - Drilling Depth 81.00 m.
 - Assembly Lowered 72.59 m.
- Housing Pipe 200 m. m. dia 36.22 m
- Blind Pipe 150 m. m. dia 18.11 m
- Slotted Pipe 150 m. m. dia 18.11 m

As Executed

Countersigned

TEST REPORT BY COMPRESSORDate of Test 26-05-2014 Static W/L 9.0Taste 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.	
<u>5 1/4</u>	<u>551</u>	<u>8500</u>	<u>6000</u>	<u>4000</u>	<u>3000</u>	<u>2000</u>	<u>1500</u>	<u>Yellow fine sand observed continuously and table pressure not going</u>
<u>5 1/2</u>	<u>622</u>	<u>10000</u>	<u>7000</u>	<u>5000</u>	<u>4000</u>	<u>2500</u>	<u>1700</u>	

Q
J. E.

RA
A. E.

Q
C/S
E. E.

YIELD TEST REPORTL. No. 1167/V-B/193 Dt. 18-6-14S.W.L. 9.0 Taste of Water SWEET Date of Test 04-06-2014

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.
<u>5"</u>	<u>549</u>	<u>13.30</u>	<u>4.30</u>	<u>30</u>	<u>Tr</u>	<u>cl</u>	<u>cl</u>	<u>cl</u>	<u>cl</u>
<u>6"</u>	<u>606</u>	<u>13.45</u>	<u>4.45</u>	<u>50</u>	<u>Tr</u>	<u>cl</u>	<u>cl</u>	<u>cl</u>	<u>cl</u>
<u>8"</u>	<u>700</u>	<u>14.00</u>	<u>5.00</u>	<u>100</u>	<u>50</u>	<u>Tr</u>	<u>cl</u>	<u>cl</u>	<u>cl</u>
<u>11"</u>	<u>814</u>	<u>14.50</u>	<u>5.50</u>	<u>150</u>	<u>80</u>	<u>60</u>	<u>Tr</u>	<u>cl</u>	<u>cl</u>
<u>14"</u>	<u>920</u>	<u>15.20</u>	<u>6.20</u>	<u>300</u>	<u>200</u>	<u>100</u>	<u>40</u>	<u>30</u>	<u>10</u>

Recommended 600 discharge at 4.45 mts. depression.

Q
J. E.

RA
A. E.

Q
C/S
E. E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No. 1201/VIV-8 / 199 DATED 24.06.14.

1. TURBIDITY.....	<u>1.5</u>	10. MAGNESIUM (as mg) mgl.	<u>34</u>
2. PH.....	<u>8.46</u>	11. IRON (as Fe) mgl.	<u>0.1</u>
3. TOTAL DISSOLVED SOLIDS mgl.	<u>5.18</u>	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl.	<u>21.2</u>		
5. CHLORIDES (as CL) mgl.	<u>10.4</u>		
6. SULPHATES (as So4) mgl.	<u>9.5</u>		
7. FLUORIDES (as F) mgl.	<u>0.4</u>		
8. NITRATES (as No3) mgl.	<u>6</u>		
9. CALCIUM (as Ca) mgl.	<u>28.8</u>		