



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

Completion Plan of T W No. 02 at DEHRA DISTRICT HARIDWAR

Type of Rig m/c R.C. 600/27 Size of Bore 675X600mm S.W.L. 2.10 Mts.

Agency M.S. ENTERPRISES 4002 PRABHAT NAGAR MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS	
				Depth (m)	Remarks
			0.50M. AGL	300 m. m. Dia Housing pipe	0.50M. AGL m to 29.55 m"
0.00M.		CLAY		300 m. m. Dia Reducer	29.55 m to 29.70 m"
12.00M.		MEDIUM SAND		200 m. m. Dia Blind pipe	29.70 m to 46.15 m"
18.00M.		FINE SAND		200 m. m. Dia Slotted pipe	46.15 m to 60.50 m"
				200 m. m. Dia Blind pipe	60.50 m to 62.37 m"
30.00M.				200 m. m. Dia Slotted pipe	62.37 m to 76.46 m"
36.00M.		CAVING CLAY		200 m. m. Dia Blind pipe	76.46 m to 88.66 m"
		FINE SAND		200 m. m. Dia Slotted pipe	88.66 m to 94.66 m"
45.25M.				200 m. m. Dia Blind pipe	94.66 m to 100.78 m"
			 m. m. Dia pipe m to m"
			 m. m. Dia pipe m to m"
		FINE TO M. SAND	 m. m. Dia pipe m to m"
				Total Assembly 101.28 m"	
77.50M.		CLAY			
87.50M.		FINE TO M. SAND			
95.50M.		CLAY			
106.75M.					

ABSTRACT

1. Drilling Started on 25-12-2013
 2. Drilling Completed on 03-01-2014
 3. Assembly Lowered on 04-01-2014
 4. Drilling Depth 106.75 m.
 5. Assembly Lowered 101.28 m.
- Housing Pipe 300 m. m. dia 30.05 m
 Blind Pipe 200 m. m. dia 36.59 m
 Slotted Pipe 200 m. m. dia 34.44 m

As Executed

Countersigned

Agarwal

M.S.
(MAHAVEER SINGH)

Ryan
(R.C. JAIN)

J
(RAKESH KUMAR)

Representative

J. E.

A. E.

Executive Engineer

TEST REPORT BY COMPRESSOR

Date of Test 13/01/2014 Static W/L 2.10 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.	60 Min.	
7"	1165	300	250	200	150	50		
7 1/2"	1332	350	300	250	100	150		
8"	1607	400	300	300	150	150		

J. E. [Signature] A. E. [Signature] C/S [Signature]
E. E. [Signature]

YIELD TEST REPORT

L. No. 181 / V-8/23 Dt. 23-01-14
S.W.L. 2.10 Taste of Water SWEET Date of Test 23-01-2014

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.
15"	1610	6.10	4.00	20	Tr.	Cl.	Cl.	Cl.	Cl.
13"	1695	6.50	4.40	60	30	Tr.	Cl.	Cl.	Cl.
22"	2178	8.20	6.10	180	120	60	40	30	Tr.
25"	2310	8.70	6.60	250	150	100	50	50	Tr.
27"	2392	9.40	7.30	300	200	150	100	50	20

Recommended 1700 LPM discharge at 4.50 mts. depression. J. E. [Signature] A. E. [Signature] C/S [Signature]
E. E. [Signature]

WATER SAMPLE TEST RESULTS

AGENCY
C120 MLD WATER TREATMENT
LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No. 2151-V-8 126 DATED 28-01-2014

1. TURBIDITY.....	<u>0.6</u>	10. MAGNESIUM (as mg) mgl.	<u>23.3</u>
2. PH.....	<u>7.2</u>	11. IRON (as Fe) mgl.	<u>0.07</u>
3. TOTAL DISSOLVED SOLIDS mgl.	<u>610</u>	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl.	<u>204</u>		
5. CHLORIDES (as CL) mgl.	<u>190</u>		
6. SULPHATES (as So4) mgl.	<u>87</u>		
7. FLUORIDES (as F) mgl.	<u>0.5</u>		
8. NITRATES (as No3) mgl.	<u>6</u>		
9. CALCIUM (as Ca) mgl.	<u>43.9</u>		

Draught's Signature [Signature] J. E. [Signature] A. E. [Signature] Executive Engineer [Signature]