



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

Completion Plan of T W No. 01 at DEHRA DISTRICT HAPUR

Type of Rig m/c R.C. 600/27' Size of Bore 675x600mm s.w.l. 2.00 Mts.

Agency M/S. A.S.L. ENTERPRISES 488/2 PRABHAT NAGAR MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.50M AGL	
G.L.		SURFACE CLAY		300 m. m. Dia Housing pipe 0.50M AGL m to 29.10 m"
9.00M.		FINE SAND		300 m. m. Dia Reducer 29.10 m to 29.25 m"
16.00M.		CAVING CLAY		200 m. m. Dia Blind pipe 29.25 m to 41.35 m"
17.60M.		FINE SAND		200 m. m. Dia slotted pipe 41.35 m to 53.53 m"
33.00M.		CLAY		200 m. m. Dia Blind pipe 53.53 m to 58.03 m"
39.00M.		FINE TO M. SAND		200 m. m. Dia slotted pipe 58.03 m to 73.85 m"
55.00M.		CLAY		200 m. m. Dia Blind pipe 73.85 m to 86.01 m"
57.00M.		FINE TO M. SAND		200 m. m. Dia slotted pipe 86.01 m to 92.02 m"
74.50M.		CLAY		200 m. m. Dia Blind pipe 92.02 m to 99.65 m"
85.00M.		MEDIUM SAND		
93.00M.		CLAY		
110.00M.				
				Total Assembly 100.15 m"

ABSTRACT

1. Drilling Started on 06-12-2013
 2. Drilling Completed on 22-12-2013
 3. Assembly Lowered on 23-12-2013
 4. Drilling Depth 110.00 m.
 5. Assembly Lowered 100.15 m.
- Housing Pipe 300 m. m. dia 29.60 m
 Blind Pipe 200 m. m. dia 36.39 m
 Slotted Pipe 200 m. m. dia 34.01 m

As Executed

Countersigned

Ajay

Mande
(MAHAVEERSINGH)

R.C. Jain
(R.C. JAIN)

Rakesh Kumar
(RAKESH KUMAR)

Representative

J. E.

A. E.

Executive Engineer

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TEST REPORT BY COMPRESSOR

Date of Test 01/02/2014

Static W/L 2.50 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	350	300	250	150	50	
7 1/2"	1332	400	200	200	150	150	
8"	1605	400	200	150	100	150	

J. E. *Mk*

Ryan
A. E.

C/S
E.E.

YIELD TEST REPORT

L. No. 138 / V-8 / 119

Dt. 20-01-2014

S.W.L. 2.00 M. Taste of Water SWEET

Date of Test 13-01-2014

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.
12"	1610	6.00	4.00	20	Tr.	Cl.	Cl.	Cl.	Cl.
13"	1695	6.40	4.40	50	20	Tr.	Cl.	Cl.	Cl.
22"	2178	8.10	6.10	150	100	50	50	30	Cl.
25"	2310	8.60	6.60	200	150	100	50	50	Tr.
27"	2392	9.30	7.30	300	200	150	100	50	20

Recommended 1700 LPM discharge at 4.50 mts. depression.

Mk
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WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No. 101/2014/118

DATED 18-01-2014.

1. TURBIDITY.....	NIUS 4	10. MAGNESIUM (as mg) mgl.	13.6
2. PH.....	7.5	11. IRON (as Fe) mgl.	0.2
3. TOTAL DISSOLVED SOLIDS mgl.	253	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl.	108		
5. CHLORIDES (as CL) mgl.	25		
6. SULPHATES (as So4) mgl.	35		
7. FLUORIDES (as F) mgl.	0.2		
8. NITRATES (as No3) mgl.	4		
9. CALCIUM (as Ca) mgl.	20.8		

Draught's Signature

Mk
J. E.

Ryan
A. E.

Executive Engineer