



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

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

Type of Rig m/c R.C. 600/27 Size of Bore 550x450mm S.W.L. Mts.

Agency M/S. A.S. ENTERPRIS 488/2 PRABHAT NAGAR MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS	
			0.50M-AGL	250 m. m. Dia Housing pipe	0.50M-AGL to 35.72 m"
G.L. 4.50M. 6.50M.		SURFACE CLAY CLAY		250 X 150 m. m. Dia Reducer	35.72 m to 35.87 m"
12.50M.		CLAY KANKER		150 m. m. Dia Blind pipe	35.87 m to 41.89 m"
15.50M.		M-SAND KANKER		150 m. m. Dia Slotted pipe	41.89 m to 47.93 m"
21.00M.		YELLOW FINE SAND		150 m. m. Dia Blind pipe	47.93 m to 63.40 m"
24.00M.		CLAY		150 m. m. Dia Slotted pipe	63.40 m to 81.47 m"
		YELLOW FINE SAND		150 m. m. Dia Blind pipe	81.47 m to 87.50 m"
40.00M.		FINE TO M-SAND	35.72M 41.89M m. m. Dia pipe m to m"
48.50M.		KANKER CLAY	47.93M m. m. Dia pipe m to m"
60.00M. 62.00M.		YELLOW F-SAND	 m. m. Dia pipe m to m"
		MEDIUM SAND		Total Assembly 88.00 m"	
85.00M.		CLAY WITH HARD KANKER	81.47M 87.50M		
97.50M.					

ABSTRACT

1. Drilling Started on 13-03-2014
 2. Drilling Completed on 22-03-2014
 3. Assembly Lowered on 23-03-2014
 4. Drilling Depth 97.50 m.
 5. Assembly Lowered 88.00 m.
- Housing Pipe 250 m. m. dia 36.22 m
 Blind Pipe 150 m. m. dia 27.52 m
 Slotted Pipe 150 m. m. dia 24.11 m

As Executed

Ajay

Representative

(NARESHKUMAR)

J. E.

(R.C. JAIN)

A. E.

Countersigned

(RAKESH KUMAR)

Executive Engineer

TEST REPORT BY COMPRESSOR

Date of Test 30-03-2014 Static W/L 8.50 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.	
5"	487.50	800	700	600	500	400		
6"	768	1000	850	630	520	430		
7"	1137	1130	1180	980	780	680		

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

YIELD TEST REPORT

L. No. 753 v-8 114 Dt. 22-4-14
 S.W.L. 8.50 M. Taste of Water SWEET Date of Test 11-4-2014

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.
7"	651	11.80	3.30	30	10	Tr.	U.	U.	U.
9 1/2"	757	12.90	4.40	50	10	Tr.	U.	U.	U.
12"	851	13.50	5.00	100	50	30	20	Tr.	U.
16"	972	14.00	5.50	150	100	60	30	20	10
22"	1131	14.60	6.10	200	150	80	40	30	10

Recommended 750 LPM discharge at 4.40 mts. depression. J. E. *[Signature]*
A. E. *[Signature]*
C/S
E.E.

WATER SAMPLE TEST RESULTS

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

REF :- L.No. 7291 v-8 1138 DATED 15-04-2014

1. TURBIDITY..... <u>NTU</u> <u>6</u>	10. MAGNESIUM (as mg) mgl. <u>18.4</u>
2. PH..... <u>7.8</u>	11. IRON (as Fe) mgl. <u>0.2</u>
3. TOTAL DISSOLVED SOLIDS mgl. <u>340</u>	12. RESIDUAL CHLORINE mgl. <u>Nil</u>
4. TOTAL HARDNESS (as ca co3) mgl. <u>168</u>	
5. CHLORIDES (as Cl.) mgl. <u>65</u>	
6. SULPHATES (as So4) mgl. <u>69</u>	
7. FLUORIDES (as F) mgl. <u>0.5</u>	
8. NITRATES (as No3) mgl. <u>4</u>	
9. CALCIUM (as Ca) mgl. <u>36.8</u>	

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 Draught's Signature

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 J. E.

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 A. E.

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 Executive Engineer