



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

CHHAPKA

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

Type of Rig m/c R.C. Size of Bore 5.50x450mm W.L. Mts.

Agency M/S.A.S.I. ENTERPRISES 488/2 PRABHAT NAGAR, M.E.R.U.T.

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 35.68m"
G.L. 1.50M.		SURFACE CLAY		250 x 150 m. m. Dia Reducer	35.68..... m to 35.83m"
		CLAY		150 m. m. Dia Blind pipe	35.83... m to 47.84 m"
12.00M.		FINE SAND		150 m. m. Dia Slotted pipe	47.84..... m to 59.89m"
21.00M.		KANKER CLAY		150 m. m. Dia Blind pipe	59.89... m to 71.90m"
27.00M.		MEDIUM SAND		150 m. m. Dia Slotted pipe	71.90... m to 80.93m"
33.00M.		CLAY		150 m. m. Dia Blind pipe	80.93... m to 83.63m"
36.00M.		YELLOW FINE SAND		150 m. m. Dia Slotted pipe	83.63... m to 89.67m"
45.00M.		CLAY		150 m. m. Dia Blind pipe	89.67... m to 95.67m"
		FINE TOM. SAND	 m. m. Dia pipe m to m"
60.50M.		SANDY CLAY	 m. m. Dia pipe m to m"
71.00M.		FINE TOM. SAND	 m. m. Dia pipe m to m"
81.50M.		V. FINE SAND		Total Assembly 96.17 m"	
83.00M.		MEDIUM SAND			
90.30M.		SANDY CLAY			
105.00M.					

ABSTRACT

1. Drilling Started on 24-03-2014
 2. Drilling Completed on 29-03-2014
 3. Assembly Lowered on 30-03-2014
 4. Drilling Depth 105.00 m.
 5. Assembly Lowered 96.17 m.
- Housing Pipe 250 m. m. dia 36.18 m
 Blind Pipe 150 m. m. dia 32.72 m
 Slotted Pipe 150 m. m. dia 27.12 m

As Executed **Ajay** (MAHAVEERSINGH) J. E. Representative

Countersigned **R.C. Jain** (R.C. JAIN) A. E.

Countersigned **Rakesh Kumar** (RAKESH KUMAR) Executive Engineer

TEST REPORT BY COMPRESSOR

Date of Test 06-04-2014 Static W/L 9.00 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.	
6"	768	950	800	600	500	400		
6½"	930	1100	950	750	650	550		
7"	1137	1450	1150	950	750	650		

M. J. E.
R. A. E.
C/S E. E.

YIELD TEST REPORT

L. No. ⁷⁵⁾ V-8/1139 Dt. 22-4-14
 S.W.L. 9.00 M. Taste of Water SWEET Date of Test 18-4-2014

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.
12"	870	13.10	4.10	40	Tr.	Cl.	Cl.	Cl.	Cl.
13"	885	13.30	4.30	60	Tr.	Cl.	Cl.	Cl.	Cl.
13.50	904	13.50	4.50	80	30	Tr.	Cl.	Cl.	Cl.
20.50	1093	14.50	5.50	150	90	30	10	Cl.	Cl.
32.50	1362	15.50	6.50	250	150	50	20	5	Cl.

Recommended 900 LPM discharge at 4.50 mts. depression.

 M. J. E. R. A. E. C/S E. E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No.8621V-6 19

DATED 5-5-14

1. TURBIDITY.....	N.T.U. <u>6.5</u>	10. MAGNESIUM (as mg) mgl.	<u>27.1</u>
2. PH.....	<u>7.8</u>	11. IRON (as Fe) mgl.	<u>0.2</u>
3. TOTAL DISSOLVED SOLIDS mgl.	<u>657</u>	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl.	<u>264</u>		
5. CHLORIDES (as CL) mgl.	<u>102</u>		
6. SULPHATES (as So4) mgl.	<u>115</u>		
7. FLUORIDES (as F) mgl.	<u>0.4</u>		
8. NITRATES (as No3) mgl.	<u>7</u>		
9. CALCIUM (as Ca) mgl.	<u>60.9</u>		

Draught's Signature
 M. J. E.

 R. A. E.

 Executive Engineer