



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

CHHAPKA

Completion Plan of T W No. 01 at LODI PUR DISTRICT HAPUR

Type of Rig m/c R.C. 600/27 Size of Bore 5.50 X 450 mm B.W.L. Mts.

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

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly
G.L. 1.50M.		SURFACE CLAY	0.50M. A.G.L.
12.00M.		CLAY	
21.00M.		FINE SAND	
27.00M.		KANKER CLAY	
33.00M.		MEDIUM SAND	
36.00M.		CLAY	
45.00M.		YELLOW FINE SAND	
60.50M.		FINE TO M. SAND	
71.00M.		SANDY CLAY	
81.50M.		FINE TO M. SAND	
83.00M.		V. FINE SAND	
90.30M.		MEDIUM SAND	
105.00M.		SANDY CLAY	

ASSEMBLY DETAILS

250 m. m. Dia Housing pipe	0.50M. A.G.L. m to 35.68m"
250 m. m. Dia Reducer	35.68 m to 35.83m"
150 m. m. Dia Blind pipe	35.83 m to 47.84 m"
150 m. m. Dia slotted pipe	47.84 m to 59.89 m"
150 m. m. Dia Blind pipe	59.89 m to 71.90 m"
150 m. m. Dia slotted pipe	71.90 m to 80.93 m"
150 m. m. Dia Blind pipe	80.93 m to 83.63 m"
150 m. m. Dia slotted pipe	83.63 m to 89.67 m"
150 m. m. Dia Blind pipe	89.67 m to 95.67 m"
Total Assembly 96.17 m"	

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

Representative

M. S.
(MAHAVEERSINGH)

J. E.

R.C.
(R.C. JAIN)

A. E.

Countersigned

R.
(RAKESH KUMAR)

Executive Engineer

TEST REPORT BY COMPRESSOR

Date of Test 06-04-2014 Static W/L 9.00M. 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.
J. E.
R. A. E.
A. E.
C/S
E. E.

YIELD TEST REPORT

L. No. ⁷⁵ / V-8/1139 Dt. 22-4-14
 S.W.L. 9.00M. 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.8621 v-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>		

Stel
Draught's Signature
M. J. E.
J. E.
R. A. E.
A. E.
C/S
Executive Engineer