

20/14



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

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

Type of Rig m/c R.C. 600/27' Size of Bore 550X450MM.s.w.l.Mts.

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

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly
GL.			0.50M AGL
3.00M		CLAY	
8.00M		M. SAND	
13.00M		CLAY	
		MEDIUM SAND	
24.00M		CLAY	
30.00M		YELLOW SAND	35.82M
37.00M		CLAY	41.89M
40.50M		M. SAND	47.94M
49.00M		CLAY	50.99M
50.00M		M. SAND	57.03M
58.00M		CLAY	63.13M
62.00M			75.17M
		MEDIUM SAND	78.17M
76.00M		CLAY	90.22M
77.00M		M. SAND	96.33M
91.00M		CLAY	
105.00M			

ASSEMBLY DETAILS

250 m. m. Dia Housing pipe	0.50M AGL m to 35.67 m"
250 X 150 m. m. Dia Reducer	35.67 m to 35.82 m"
150 m. m. Dia Blind pipe	35.82 m to 41.89 m"
150 m. m. Dia slotted pipe	41.89 m to 47.94 m"
150 m. m. Dia Blind pipe	47.94 m to 50.99 m"
150 m. m. Dia slotted pipe	50.99 m to 57.03 m"
150 m. m. Dia Blind pipe	57.03 m to 63.13 m"
150 m. m. Dia slotted pipe	63.13 m to 75.17 m"
150 m. m. Dia Blind pipe	75.17 m to 78.17 m"
150 m. m. Dia slotted pipe	78.17 m to 90.22 m"
150 m. m. Dia Blind pipe	90.22 m to 96.33 m"
150 m. m. Dia pipe m to m"
Total Assembly 96.33 m"	

ABSTRACT

1. Drilling Started on 23-03-2014
 2. Drilling Completed on 30-03-2014
 3. Assembly Lowered on 31-03-2014
 4. Drilling Depth 105.00 m.
 5. Assembly Lowered 96.33 m.
- Housing Pipe 250 m. m. dia 36.17 m
 Blind Pipe 150 m. m. dia 24.33 m
 Slotted Pipe 150 m. m. dia 36.18 m

As Executed
Ajay
Representative

(NARESH KUMAR)
J. E.

(R.C. JAIN)
A. E.

Countersigned
(RAKESH KUMAR)
Executive Engineer

TEST REPORT BY COMPRESSOR

Date of Test 07-04-2014 Static WL 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	650	550	450		
7"	1137	1500	1200	1000	800	700		

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

YIELD TEST REPORT

L. No. 754 v-8 1140 Dt. 22-4-14
 S.W.L. 8.50 M Taste of Water SWEET Date of Test 18-04-2014

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.
8"	685	12.60	4.10	30	10	Cl.	Cl.	Cl.	Cl.
8½"	710	13.00	4.50	50	Tr.	Cl.	Cl.	Cl.	Cl.
11"	813	13.60	5.10	100	50	30	20	Tr.	Cl.
14"	919	14.00	5.50	200	80	60	30	20	10
24"	1173	14.80	6.30	300	150	100	40	30	10

Recommended 700 LPM discharge at 4.50 mts. depression. M
J. E. R. E.
A. E. C/S
E. E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No.9961 v-8 1172 DATED 30-05-2014

1. TURBIDITY..... <u>NTU 0.5</u> 2. PH..... <u>8.43</u> 3. TOTAL DISSOLVED SOLIDS mg/l. <u>416</u> 4. TOTAL HARDNESS (as Ca CO3) mg/l. <u>104</u> 5. CHLORIDES (as CL) mg/l. <u>62</u> 6. SULPHATES (as SO4) mg/l. <u>75</u> 7. FLUORIDES (as F) mg/l..... <u>0.4</u> 8. NITRATES (as NO3) mg/l..... <u>5</u> 9. CALCIUM (as Ca) mg/l..... <u>24</u>	10. MAGNESIUM (as mg) mg/l. <u>10.6</u> 11. IRON (as Fe) mg/l. <u>0.08</u> 12. RESIDUAL CHLORINE mg/l. Nil
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Draught's Signature

M
J. E.

R. E.
A. E.

Executive Engineer