



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

Completion Plan of T W No. 01 at LAD PURA, DISTRICT HAPUR

Type of Rig m/c R.C. 600/27 Size of Bore 550X450 mms.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	ASSEMBLY DETAILS	
			0-44M-AGL.	250 m. m. Dia Housing pipe	0.44M to 36.00m"
G.L.		SURFACE CLAY		250X150 m. m. Dia Reducer	36.00 m to 36.15m"
6.00M.		FINE SAND		150 m. m. Dia Blind pipe	36.15 m to 42.16m"
12.00M.		FINE TO M.SAND		150 m. m. Dia slotted pipe	42.16 m to 48.17m"
21.00M.		CLAY		150 m. m. Dia Blind pipe	48.17 m to 54.20m"
24.50M.		FINE SAND		150 m. m. Dia slotted pipe	54.20 m to 66.27m"
33.50M.		CLAY		150 m. m. Dia Blind pipe	66.27 m to 72.27m"
36.50M.		FINE TO M.SAND		150 m. m. Dia slotted pipe	72.27 m to 84.34m"
49.00M.		CLAY KANKER		150 m. m. Dia Blind pipe	84.34 m to 90.40m"
53.00M.				m. m. Dia pipe m to m"
		FINE TO M.SAND		m. m. Dia pipe m to m"
67.00M.		CLAY KANKER		m. m. Dia pipe m to m"
71.50M.		MEDIUM SAND		Total Assembly <u>90.84</u> m"	
85.00M.		SANDY CLAY			
100.00					

ABSTRACT

1. Drilling Started on 27/02/2014
 2. Drilling Completed on 04-03-2014
 3. Assembly Lowered on 05-03-2014
 4. Drilling Depth 100.00 m.
 5. Assembly Lowered 90.84 m.
- Housing Pipe 250 m. m. dia 36.44 m
 Blind Pipe 150 m. m. dia 24.10 m
 Slotted Pipe 150 m. m. dia 30.15 m

As Executed

Ajay

Representative

M.S.
(MAHAVEER SINGH)

J. E.

R. Jain
(R.C. JAIN)

A. E.

Countersigned

Rakes Kumar
(RAKES KUMAR)

Executive Engineer

TEST REPORT BY COMPRESSOR

Date of Test		Static W/L 7.00 M				Taste of Water NORMAL		
Discharge by V. Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	60 Min.	
5"	487.5	750	650	550	450	350		
6"	768	950	800	600	500	400		
7"	1137	1450	1150	950	750	650		
Mr J. E.		Mr A. E.				C/S E. E.		

YIELD TEST REPORT

L. No. 630 v-8 1120 Dt. 26-3-14
 S.W.L. 7.00 M. Taste of Water SWEET. Date of Test 26-03-2014

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.
5"	549	10.90	3.90	30	Tr.	Cl.	U.	U.	U.
6"	606	11.40	4.40	50	20	U.	U.	U.	Cl.
8"	700	11.90	4.90	100	80	30	20	Tr.	Cl.
11"	814	12.60	5.60	200	150	100	30	20	10
14"	920	13.10	6.10	300	200	150	40	30	10

Recommended 600 L.P.M. discharge at 4.40 mts. depression. Mr J. E. Mr A. E. C/S E. E.

WATER SAMPLE TEST RESULTS

AGENCY
 C120 MLD WATER TREATMENT
 LAB, PRATAP VIHAR, GHAZIABAD. REF :- L.No.604/ V-8 1111 DATED 25-03-2014

1. TURBIDITY..... NTU..... 2	10. MAGNESIUM (as mg) mgl. 28.1
2. PH..... 7.9	11. IRON (as Fe) mgl. 0.13
3. TOTAL DISSOLVED SOLIDS mgl. 520	12. RESIDUAL CHLORINE mgl. Nil
4. TOTAL HARDNESS (as ca co3) mgl. 252	
5. CHLORIDES (as CL) mgl. 78	
6. SULPHATES (as So4) mgl. 90	
7. FLUORIDES (as F) mgl. 0.4	
8. NITRATES (as No3) mgl. 6	
9. CALCIUM (as Ca) mgl. 54.5	

Draught's Signature
 Mr J. E.

 Mr A. E.
 Executive Engineer