



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.L. ENTERPRISES 488/2 PRABHAT NAGAR, MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly
			0-44M-AGL.
G.L.		SURFACE CLAY	
6.00M		FINE SAND	
12.00M		FINE TO M. SAND	
21.00M		CLAY	
24.50M		FINE SAND	
33.50M		CLAY	
36.50M		FINE TO M. SAND	36.15M
49.00M		CLAY KANKER	42.16M
53.00M		FINE TO M. SAND	48.17M
67.00M		CLAY KANKER	54.20M
71.50M		MEDIUM SAND	66.27M
85.00M		SANDY CLAY	72.27M
100.00			84.34M
			90.40M

ASSEMBLY DETAILS

250m. m. Dia Housing pipe 0-44M to 36:00m"
 250x150 m. m. Dia Reducer 36:00..... m to 36:15m"
 150 m. m. Dia Blind pipe 36:15.. m to 42:16 m"
 150m. m. Dia Slotted pipe 42:16... m to 48:17. m"
 150m. m. Dia Blind pipe 48:17... m to 54:20m"
 150m. m. Dia Slotted pipe 54:20 m to 66:27m"
 150 m. m. Dia Blind pipe 66:27.. m to 72:27 m"
 150m. m. Dia Slotted pipe 72:27 m to 84:34 m"
 150m. m. Dia Blind pipe 84:34 m to 90:40m"
 m. m. Dia pipe m to m"
 m. m. Dia pipe m to m"
 m. m. Dia pipe m to m"
 Total Assembly 90.84 m"

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
Rakesh Kumar
 (RAKES KUMAR)
 Executive Engineer

TEST REPORT BY COMPRESSOR

Static W.L. 7.88 M

Taste of Water: HARSH

Date of Test		Sand Contents						Remarks
Discharge by V. Notch		Start	5 Min	10 Min	15 Min	30 Min	60 Min	
In Inch	In LPM							
5"	487.5	7.50	6.50	5.50	4.50	3.50		
6"	768	9.50	8.00	6.00	5.00	4.00		
7"	1137	14.50	11.50	9.50	7.50	6.50		

J.E. A.E. E.E.

YIELD TEST REPORT

L. No. 630v-B / 1150 Dt 26-3-14

S.W.L. ... 7.00M 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	30 Min	60 Min
5"	549	10.90	3.90	30	70	0	0	0	0
6"	604	11.40	4.40	50	20	0	0	0	0
8"	760	11.90	4.90	100	80	30	20	10	0
11"	814	12.60	5.60	200	150	100	80	30	10
14"	920	13.10	6.10	300	200	150	40	30	10

Recommended 600 LPM discharge at 4.40 mts. depression.

J.E. A.E. E.E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF - L.No.604 / V-B

DATED 25-03-2014

1. TURBIDITY..... NTU <u>2</u>	10. MAGNESIUM (as mg) mg/l <u>281</u>
2. PH..... <u>7.9</u>	11. IRON (as Fe) mg/l <u>0.12</u>
3. TOTAL DISSOLVED SOLIDS mg/l <u>520</u>	12. RESIDUAL CHLORINE mg/l Nil
4. TOTAL HARDNESS (as CaCO ₃) mg/l <u>252</u>	
5. CHLORIDES (as Cl) mg/l <u>78</u>	
6. SULPHATES (as SO ₄) mg/l <u>70</u>	
7. FLUORIDES (as F) mg/l <u>0.4</u>	
8. NITRATES (as NO ₃) mg/l <u>6</u>	
9. CALCIUM (as Ca) mg/l <u>215</u>	

Draught's Signature

J.E.

A.E.

Executive Engineer