



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

Completion Plan of T W No. 01 at BAHADURPUR DISTRICT GHAZIABAD

Type of Rig m/c 600/271 Size of Bore 600 X 450mm S.W.L. 11:10 Mts.

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

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.50M AGL	250X150 Housing pipe 0.50M AGL m to 35.71 m"
G.L. 2.00M		SURFACE CLAY		150 m. m. Dia Reducer 35.71 m to 35.86 m"
9.00M		CLAY		150 m. m. Dia Blind pipe 35.86 m to 38.88 m"
		FINE SAND		150 m. m. Dia Slotted pipe 38.88 m to 50.92 m"
30.00M		CLAY		150 m. m. Dia Blind pipe 50.92 m to 54.92 m"
38.00M		FINE TO M. SAND		150 m. m. Dia Slotted pipe 54.92 m to 60.95 m"
51.60M		CLAY		150 m. m. Dia Blind pipe 60.95 m to 81.14 m"
54.00M		M. SAND		150 m. m. Dia Slotted pipe 81.14 m to 90.18 m"
61.75M		CLAY		150 m. m. Dia Blind pipe 90.18 m to 96.73 m"
		CLAY WITH KANKER		Total Assembly 96.73 m"
80.50M		M. SAND		
90.60M		CLAY		
105.00M				

ABSTRACT

1. Drilling Started on 10-09-2014
 2. Drilling Completed on 19-09-2014
 3. Assembly Lowered on 20-09-2014
 4. Drilling Depth 105.00 m.
 5. Assembly Lowered 96.73 m.
- Housing Pipe 250 m. m. dia 36.21 m
 Blind Pipe 150 m. m. dia 33.26 m
 Slotted Pipe 150 m. m. dia 27.11 m

As Executed

Ajay

Representative

(S.K. PAWAN)

J. E.

Countersigned

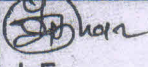
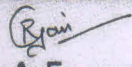

(R.C. JAIN)

A. E.

(RAKESH KUMAR)

Executive Engineer

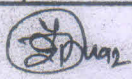
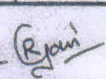

TEST REPORT BY COMPRESSOR

Date of Test		Static W/L 11-10				Taste of Water		
Discharge by V. Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	60 Min.	
6"	768	850	700	650	550	400		
7"	1137	950	800	650	500	350		
8"	1600	1000	900	500	400	300		
 J. E.		 A. E.				 C/S E. E.		

YIELD TEST REPORT

1980
 L. No. 1 v-8 1262 Dt. 07-10-14
 S.W.L. 11.10 M. Taste of Water SWEET Date of Test 07-10-2014

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.
10"	775	15.20	4.10	30	Tr.	Cl.	Cl.	Cl.	Cl.
14"	919	15.60	4.50	50	Tr.	Cl.	Cl.	Cl.	Cl.
18"	1025	16.20	5.10	80	50	20	Tr.	Cl.	Cl.
22"	1131	16.60	5.50	200	80	60	30	20	10
32"	1351	17.20	6.10	300	150	100	40	30	10

Recommended 900 L.P.M. discharge at 4.50 mts. depression.  J. E.  A. E.  C/S
 E. E.

WATER SAMPLE TEST RESULTS

AGENCY
 C120 MLD WATER TREATMENT
 LAB, PRATAP VIHAR, GHAZIABAD. REF :- L.No.19971 v-8 1264 DATED 17-10-14

1. TURBIDITY.....	0.3	10. MAGNESIUM (as mg) mgl.	17.9
2. PH.....	7.8	11. IRON (as Fe) mgl.	0.04
3. TOTAL DISSOLVED SOLIDS mgl.	375	12. RESIDUAL CHLORINE mgl.	NIL
4. TOTAL HARDNESS (as ca co3) mgl.	148		
5. CHLORIDES (as CL) mgl.	130		
6. SULPHATES (as So4) mgl.	62		
7. FLUORIDES (as F) mgl.	0.3		
8. NITRATES (as No3) mgl.	4		
9. CALCIUM (as Ca) mgl.	29.5		

 Draught's Signature
  J. E.
  A. E.
  Executive Engineer