



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

Completion Plan of T W No. 01 at BAMBAWAR DISTRICT G.B. NAGAR

Type of Rig m/c 600/27 Size of Bore 675 x 550 S.W.L. 2.00 Mts.

Agency M.S. Satharaj Prem Meerut

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.50	30.0 m. m. Dia Housing pipe 0.50 m to 30.74 m"
3.0		Surface soil		30.74 m. m. Dia Reducer 30.74 m to 38.89 m"
16.0	- - -	m. sand		15.0 m. m. Dia Blind pipe 38.89 m to 50.93 m"
24.0	- - -	F sand		15.0 m. m. Dia Slotted pipe 50.93 m to 62.01 m"
				15.0 m. m. Dia Blind pipe 62.01 m to 75.06 m"
		F&M Sand	38.74 30.89	15.0 m. m. Dia Slotted pipe 75.06 m to 87.13 m"
46.0			50.93	15.0 m. m. Dia Blind pipe 87.13 m to 93.68 m"
		m & sand		..... m. m. Dia ..... pipe ..... m to ..... m"
				..... m. m. Dia ..... pipe ..... m to ..... m"
70.0		Very F. sand		..... m. m. Dia ..... pipe ..... m to ..... m"
72.0		m sand		..... m. m. Dia ..... pipe ..... m to ..... m"
			69.01	..... m. m. Dia ..... pipe ..... m to ..... m"
		clay		..... m. m. Dia ..... pipe ..... m to ..... m"
89			87.13	
			93.68	Total Assembly 93.68 m"
105				

### ABSTRACT




1. Drilling Started on 19.12.14
  2. Drilling Completed on 28.12.14
  3. Assembly Lowered on 29.12.14
  4. Drilling Depth 104.0 m.
  5. Assembly Lowered 93.68 m.
- Housing Pipe 300 m. m. dia 39.24 m  
 Blind Pipe 150 m. m. dia 24.14 m  
 Slotted Pipe 150 m. m. dia 30.15 m

As Executed Countersigned

Representative  J. E.  A. E.  Executive Engineer

## TEST REPORT BY COMPRESSOR

Date of Test: 06-01-2015    Static WL: 8.00m    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.		
7 3/4	1282	8000	6000	4000	2500	2000	1000	Yellow fine sand observed but not available	
7 1/2	1335	9000	7000	5000	3500	2500	1500	bea gravel not going	
 J. E.		 A. E.				C/S  E. E.			

### YIELD TEST REPORT

L. No. 122/14-8/10    Dt. 27.1.15  
 S.W.L. 8.00m    Taste of Water: SWEET    Date of Test: 17.01.2015

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.
7.5"	1283	12.30	4.30	4	Tr	cl	cl	cl	cl
8.0"	1325	12.80	4.80	100	30	Tr	Tr	cl	cl
9.5"	1450	13.30	5.30	150	70	20	Tr	Tr	cl
10.5"	1522	13.70	5.70	250	100	50	20	Tr	Tr
15"	1817	14.10	6.10	300	150	100	50	20	Tr

Recommended ..... 1250 ..... discharge at ..... 4.30 ..... 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. 27014-8 \* 116 DATED 13.02.15

1. TURBIDITY.....	0.5	10. MAGNESIUM (as mg) mgl. ....	15.5
2. PH.....	8.76	11. IRON (as Fe) mgl. ....	0.08
3. TOTAL DISSOLVED SOLIDS mgl. ....	220	12. RESIDUAL CHLORINE mgl. Nil	NIL
4. TOTAL HARDNESS (as ca co3) mgl. ....	13.6		
5. CHLORIDES (as CL) mgl. ....	18		
6. SULPHATES (as So4) mgl. ....	15		
7. FLUORIDES (as F) mgl. ....	0.3		
8. NITRATES (as No3) mgl. ....	4		
9. CALCIUM (as Ca) mgl. ....	28.8		

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