



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

Completion Plan of T W No. 1 (D.P.V.) @ BALKA DISTRICT BULANDSHAHAR

Type of Rig inc 600/27 Size of Bore 675/600 YMS WL 2.50 Mts.

Agency M/S. SHOBHARAM PREMI MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
				300 m. m. Dia Housing pipe 2.50 m to 33.50m
17.40		1.50 m SURF CLAY		300 m. m. Dia Reducer 33.50 m to 34.60m
30				200 m. m. Dia Blind pipe 34.60 m to 54.60m
		FINE SAND		200 m. m. Dia Slotted pipe 54.60 m to 57.40m
				200 m. m. Dia Blind pipe 57.40 m to 63.40m
				200 m. m. Dia Slotted pipe 63.40 m to 69.50m
				200 m. m. Dia Blind pipe 69.50 m to 75.70m
44.0				200 m. m. Dia Slotted pipe 75.70 m to 97.90m
52.0		SANDY CLAY		200 m. m. Dia Blind pipe 97.90 m to 108.72m
60		MEDIUM SAND		200 m. m. Dia Slotted pipe 108.72 m to 111.77m
63		CLAY		200 m. m. Dia Blind pipe 111.77 m to 117.87m
70		FINE SAND		
75		CLAY		
				Total Assembly 118.37 m
		FINE SAND		
90.0		CLAY		
102.0				
		FINE SAND		
112.0				
		SANDY CLAY		
122.0				

ABSTRACT

1. Drilling Started on 08.03.2014
2. Drilling Completed on 11.03.2014
3. Assembly Lowered on 11.03.2014
4. Drilling Depth 122.00 m.
5. Assembly Lowered 118.37 m.
- Housing Pipe 300 m. m. dia 40.0 m
- Blind Pipe 200 m. m. dia 58.46 m
- Slotted Pipe 200 m. m. dia 24.34 m

Checked by

TEST REPORT BY COMPRESSOR

Date of Test 19.03.2014

Static W/L 9.50

Taste of Water SWEET

Discharge by V. Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	45 Min.	
7 3/8	1282	8000	6000	3500	2500	2000	1000	Yellow fine sand observed
7 1/2	1335	8500	6500	4000	3500	2500	1500	continuity available but not going

J.E.

A.E.

C/S
E.E.

YIELD TEST REPORT

L.No 89/1981/60 Dt. 09-05-14

S.W.L. 9.50 Taste of Water SWEET Date of Test 30.03.2014

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.
6.0"	1155	13.50	4.00	40	Tr	cl	cl	cl	cl
7.5"	1283	13.90	4.40	60	Tr	cl	cl	cl	cl
8.0"	1325	14.50	5.00	100	30	Tr	Tr	cl	cl
9.5"	1450	14.80	5.30	150	70	20	Tr	Tr	cl
10.5"	1522	15.20	5.70	250	100	50	20	Tr	Tr

Recommended 1250 LPM discharge at 4.40 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 5051 Test up 1110 DATED 15-4-14

1. TURBIDITY.....	0.5	10. MAGNESIUM (as mg) mgl.	24.3
2. PH.....	8.1	11. IRON (as Fe) mgl.	0.05
3. TOTAL DISSOLVED SOLIDS mgl.	320	12. RESIDUAL CHLORINE mgl. Nil	Nil
4. TOTAL HARDNESS (as ca co3) mgl.	216		
5. CHLORIDES (as CL) mgl.	42		
6. SULPHATES (as So4) mgl.	38		