



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

Completion Plan of T W No.1..... at SIRODHAN DISTRICT B.S.R.

Type of Rig m/c 600/27 Size of Bore 600 x 450 mm S.W.L. 2.0 Mts.

Agency M/S. SOBHARAM PREMI MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
				250 m. m. Dia Housing pipe 0.52 m to 36.0 m"
4.0 m		SURFACE CLAY		250 x 150 Reducer 36.0 m to 36.15 m"
		SANDY CLAY		150 m. m. Dia Blind pipe 36.15 m to 42.20 m"
13.0 m				150 m. m. Dia Slotted pipe 42.20 m to 54.35 m"
19.0 m		FINE SAND		150 m. m. Dia Blind pipe 54.35 m to 63.45 m"
22.0 m		SANDY CLAY		150 m. m. Dia Slotted pipe 63.45 m to 66.73 m"
				150 m. m. Dia Blind pipe 66.73 m to 78.83 m"
		MEDIUM SAND		150 m. m. Dia Slotted pipe 78.83 m to 82.87 m"
				150 m. m. Dia Blind pipe 82.87 m to 88.92 m"
58.0		CLAY WITH KANHAR		54.35 m. m. Dia pipe m to m"
63.0		FINE SAND		63.45 m. m. Dia pipe m to m"
72.0				66.73 m. m. Dia pipe m to m"
78.0		CLAY WITH KANHAR		Total Assembly 88.92 m"
83		FINE SAND		
92		SANDY CLAY		
103.0				

ABSTRACT

- Drilling Started on 16.1.2014
 - Drilling Completed on 21.1.2014
 - Assembly Lowered on 22.1.2014
 - Drilling Depth 103.00 m.
 - Assembly Lowered 88.92 m.
- Housing Pipe 250 m. m. dia 36.52 m
- Blind Pipe 150 m. m. dia 33.30 m
- Slotted Pipe 150 m. m. dia 12.47 m

As Executed

Countersigned

TEST REPORT BY COMPRESSOR

Date of Test 03-02-2014 Static W/L 9.00 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.	
6-7/8	892	8000	6000	4500	3000	2500	1400	Yellow fine sand observe
7	1132	9000	7500	5000	4000	3000	1700	Continuously fine sand gravel grey

J. E.

A. E.

C/S
E. E.

YIELD TEST REPORT

L. No. 352 IV-8 148 Dt. 17-2-2014

S.W.L. 9.00 Taste of Water SWEET Date of Test 14-02-2014

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"	1060	13.00	4.00	80	Tr	cl	cl	cl	cl
6"	1154	13.50	4.50	150	50	20	Tr	cl	cl
8"	1325	14.00	5.00	250	100	50	20	Tr	cl
9.5"	1450	14.50	5.50	400	250	100	30	20	Tr
10.5"	1522	15.20	6.20	550	350	200	100	50	20

Recommended 1000 LPM discharge at 4.00 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. 443 IV-8 161 DATED 28-2-2014

1. TURBIDITY.....	5	10. MAGNESIUM (as mg) mgl.	29.1
2. PH.....	8.4	11. IRON (as Fe) mgl.	0.2
3. TOTAL DISSOLVED SOLIDS mgl.	520	12. RESIDUAL CHLORINE mgl. Nil	Nil
4. TOTAL HARDNESS (as ca co3) mgl.	212		
5. CHLORIDES (as CL) mgl.	30		
	43		