



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

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

Type of Rig m/c 600/27 Size of Bore 550/450 S.W.L. 9.50 Mts.

Agency M/s Sobha Ram Premi Meerut

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
3.0		Surface Soil		250 m. m. Dia Housing pipe 0.50 m to 38.68 m"
		Fine sand		250x150 m. m. Dia Reducer 38.68 m to 38.83 m"
12.0		Medium sand		150 m. m. Dia Blind pipe 38.83 m to 57.00 m"
		Medium sand		150 m. m. Dia Slotted pipe 57.00 m to 69.07 m"
				150 m. m. Dia Blind pipe 69.07 m to 72.07 m"
33.0		Clay		150 m. m. Dia Slotted pipe 72.07 m to 84.13 m"
				150 m. m. Dia Blind pipe 84.13 m to 90.14 m"
41.0		Fine sand		38.68 m. m. Dia pipe m to m"
51.0		Clay		m. m. Dia pipe m to m"
57.0		Medium sand		m. m. Dia pipe m to m"
69.0		Clay		m. m. Dia pipe m to m"
72.0		Medium sand		Total Assembly 90.64 m"
84.0		Clay		
91.0		Clay Kankai		
100.0		Sandy clay		

ABSTRACT

- Drilling Started on 24.05.2014
 - Drilling Completed on 30.05.2014
 - Assembly Lowered on 30.05.2014
 - Drilling Depth 100.00 m.
 - Assembly Lowered 90.64 m.
- Housing Pipe 250 m. m. dia 39.18 m
- Blind Pipe 150 m. m. dia 27.18 m
- Slotted Pipe 150 m. m. dia 24.13 m

As Executed

Countersigned

TEST REPORT BY COMPRESSOR

Date of Test 13.06-2014

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.	
6 7/8"	892	8000	6000	4000	3000	2500	1500	Yellow fine sand observed
7"	1132	9000	7000	4500	4000	3000	1800	mostly available
								fine gravel on pump
J. E.		A. E.						C/S E. E.

YIELD TEST REPORT

L. No. 1212/r-81200 Dt. 25-6-14

S.W.L. 9.50 Taste of Water Sweet

Date of Test 21.06.2014

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.
8"	700	13.80	4.30	40	Tr	CL	CL	CL	CL
11"	814	14.10	4.60	80	20	CL	CL	CL	CL
14"	920	14.50	5.00	100	40	Tr	CL	CL	CL
17"	1000	15.00	5.50	150	70	60	Tr	CL	CL
25"	1180	15.70	6.20	300	150	100	40	30	10

Recommended 700 LPM discharge at 4.30 mts. depression.

J. E.

A. E.

E. E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No.

1287

1V-8 1205 DATED 01-7-2014

1. TURBIDITY.....	1.6	10. MAGNESIUM (as mg) mgl.	18.5
2. PH.....	8.3	11. IRON (as Fe) mgl.	0.1
3. TOTAL DISSOLVED SOLIDS mgl.	275	12. RESIDUAL CHLORINE mgl. Nil	Nil
4. TOTAL HARDNESS (as ca co3) mgl.	172		
5. CHLORIDES (as CL) mgl.	26		
6. SULPHATES (as So4) mgl.	37		
7. FLUORIDES (as F) mgl.	0.4		
8. NITRATES (as No3) mgl.	3		
9. CALCIUM (as Ca) mgl.	30.4		