



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

Completion Plan of T W No. 01 (QPV) at AULINA DISTRICT BSR

Type of Rig m/c R.C. 600/27 Size of Bore 67.5 X 600mm S.W.L. Mts.

Agency M/S SOBHA RAMPREMI GARH ROAD MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.50M. AGL.	300 m. m. Dia Housing pipe 0.48M AGL. m to 38.50. m"
G.L.		SURFACE CLAY		300 m. m. Dia Reducer 38.50..... m to 38.65 m"
4.00M.		SANDY CLAY		200 m. m. Dia Blind.. pipe 38.65... m to 56.95 m"
10.00M.				200 m. m. Dia Slotted pipe 56.95... m to 69.18.. m"
		FINE SAND		200 m. m. Dia Blind.. pipe 69.18..... m to 81.40. m"
20.00M.		CLAY		200 m. m. Dia Slotted pipe 81.40..... m to 93.61. m"
23.00M.				200 m. m. Dia Blind.. pipe 93.61..... m to 99.74. m"
		MEDIUM SAND		 m. m. Dia pipe m to m"
39.00M.			38.50M 38.85M	 m. m. Dia pipe m to m"
		SANDY CLAY		 m. m. Dia pipe m to m"
52.00M.				 m. m. Dia pipe m to m"
		MEDIUM SAND	56.95M	 m. m. Dia pipe m to m"
72.00M.			69.18M	 m. m. Dia pipe m to m"
		CLAY WITH KANKER		Total Assembly 100.22 m"
80.00M.			81.40M	
		MEDIUM SAND		
93.80M.			93.61M	
		SANDY CLAY		
104.00M.			99.74M	
107.00M.		CLAY		

ABSTRACT

- Drilling Started on 26-03-2014
 - Drilling Completed on 31-03-2014
 - Assembly Lowered on 31-03-2014
 - Drilling Depth 107.00 m.
 - Assembly Lowered 100.22 m.
- Housing Pipe 300 m. m. dia 38.98 m
- Blind Pipe 200 m. m. dia 36.65 m
- Slotted Pipe 200 m. m. dia 24.44 m

TEST REPORT BY COMPRESSOR

Date of Test 30.04.2014 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.	40 Min.	
7 3/8	1282	8000	6000	4000	2500	2000	1000	Yellow fine sand observed
7 1/2	1335	9000	7000	5000	3500	2500	1500	Continued gravel
								the pea gravel not going

J. E.

A. E.

C/S E. E.

YIELD TEST REPORT

L. No. 208/V-8/165 Dt. 12.5-14

S.W.L. 9.50 Taste of Water SWEET Date of Test 08.05.14

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	4.0	30	Tr	cl	cl	cl	cl
7.5"	1283	13.80	4.30	50	Tr	cl	cl	cl	cl
8.0"	1325	14.50	5.00	100	40	Tr	Tr	cl	cl
9.5"	1450	14.80	5.30	150	70	20	Tr	Tr	cl
10.5"	1522	15.20	5.70	300	100	50	20	Tr	Tr

Recommended 1250 LPM 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. 227/V-8/1169 DATED 19.5-14

1. TURBIDITY.....	16	10. MAGNESIUM (as mg) mgl.	20.6
2. PH.....	8.4	11. IRON (as Fe) mgl.	0.27
3. TOTAL DISSOLVED SOLIDS mgl.	395	12. RESIDUAL CHLORINE mgl. Nil	NIL
4. TOTAL HARDNESS (as ca co3) mgl.	176		
5. CHLORIDES (as CL) mgl.	24		
6. SULPHATES (as So4) mgl.	62		
7. FLUORIDES (as F) mgl.	0.5		
8. NITRATES (as No3) mgl.	3		
	26.0		