



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

Completion Plan of T W No. 02

at AHMAD GARH, DISTRICT BSR.

Type of Rig m/c 600/27 Size of Bore 675/600 S.W.L. 10.0 Mts.

Agency M/s. Saharaj Ram Premi Meerut

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.57 AC	300 m. m. Dia Housing pipe 0.57 m to 38.59 m
6.0		Surface clay		300 m. m. Dia Reducer 38.50 m to 38.15 m
				200 m. m. Dia Blind pipe 38.15 m to 51.78 m
		F 2 m		200 m. m. Dia Slotted pipe 51.78 m to 60.84 m
		Sand		200 m. m. Dia Blind pipe 60.84 m to 64.34 m
				200 m. m. Dia Slotted pipe 64.34 m to 76.40 m
				200 m. m. Dia Blind pipe 76.40 m to 79.90 m
				200 m. m. Dia Slotted pipe 79.90 m to 85.94 m
61.0		clay		200 m. m. Dia Blind pipe 85.94 m to 98.02 m
64.0		m Sand		200 m. m. Dia Slotted pipe 98.02 m to 101.02 m
				200 m. m. Dia Blind pipe 101.02 m to 106.99 m
72.0		clay		
79.50		m Sand		
88.0		clay		
95.0		m Sand		
103.0		clay		
113.0				

ABSTRACT

- Drilling Started on 18.11.14
 - Drilling Completed on 15.12.14
 - Assembly Lowered on 17.12.14
 - Drilling Depth 113.00 m.
 - Assembly Lowered 107.56 m.
- Housing Pipe 300 m. m. dia 39.09 m
Blind Pipe 200 m. m. dia 38.18 m
Slotted Pipe 200 m. m. dia 30.14 m

As Executed

Countersigned

TEST REPORT BY COMPTON

Sand Contents

Remarks

10 LPM	Start	5 MIN	10 MIN	15 MIN	20 MIN	30 MIN	60 MIN	Remarks
15.00	2500	2000	1500	1000	500	200	100	Yellowish to light brown color, not very muddy, but slightly turbid.
15.00	1500	1000	500	200	100	50	50	

YIELD TEST REPORT

Sample of Water: Salt Water Date of Test: 13-01-15

No. of Samples	Sample No.	Wt. of Sample (gms)	Depression (m)	SAND CONTENTS					
				Starting	5 MIN	10 MIN	15 MIN	20 MIN	30 MIN
1	1	10.00	4.00	50	70	100	100	100	100
2	2	10.00	4.00	70	70	100	100	100	100
3	3	10.00	4.00	100	30	70	100	100	100
4	4	10.00	5.00	150	70	30	70	70	100
5	5	10.00	5.00	300	150	100	40	30	70

Normal

Recommended: 1500 LPM discharge at 4.00 mts. depression. J.E. AE C/S

WATER SAMPLE TEST RESULTS

AGENCY: CHANDLER WATER TREATMENT
 LAB: PRADIP KUMAR GHATAK

REF: 4-NO-268/15-8 1 LF DATED 13-2-15

1. TURBIDITY	27.8	10. MAGNESIUM (as mg) mg/l	16
2. PH	8.20	11. IRON (as Fe) mg/l	0.5
3. TOTAL DISSOLVED SOLIDS (TDS) mg/l	235	12. RESIDUAL CHLORINE mg/l NH	1.12
4. TOTAL HARDNESS (as Ca CO ₃) mg/l	168		
5. CHLORIDES (as Cl) mg/l	20		
6. SULPHATES (as SO ₄) mg/l	17		
7. FLUORIDES (as F) mg/l	0.2		