



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

Completion Plan of T W No. 1 at PARIHAVALI DISTRICT BSR

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

Agency M/S SOBHAM PREMI

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly
17.14		Surface soil	0.50 AGU
3.0			
20.0		Fine Sand	
		clay	
35.0		clay with kankar	
46.0		medium Sand	
62.0		clay with kankar	
83.0		Fine to medium Sand	
90.0		clay with kankar	
103			

ASSEMBLY DETAILS

250 m. m. Dia Housing pipe	0.50 m to 38.39 m"
250 m. m. Dia Reducer	38.39 m to 38.54 m"
150 m. m. Dia Blind pipe	38.54 m to 47.57 m"
150 m. m. Dia Slotted pipe	47.57 m to 65.66 m"
150 m. m. Dia Blind pipe	65.66 m to 83.76 m"
150 m. m. Dia Slotted pipe	83.76 m to 89.80 m"
150 m. m. Dia Blind pipe	89.80 m to 95.85 m"
47.57 m. m. Dia	pipe m to m"
m. m. Dia	pipe m to m"
65.66 m. m. Dia	pipe m to m"
m. m. Dia	pipe m to m"
m. m. Dia	pipe m to m"
Total Assembly 96.35 m"	

ABSTRACT

1. Drilling Started on 03-06-2014
 2. Drilling Completed on 07-06-2014
 3. Assembly Lowered on 08.06.14
 4. Drilling Depth 103.0 m.
 5. Assembly Lowered 96.35 m.
- Housing Pipe 250 m. m. dia 38.89 m
- Blind Pipe 150 m. m. dia 33.18 m
- Slotted Pipe 150 m. m. dia 26.13 m

As Executed

Countersigned

TEST REPORT BY COMPRESSOR

Date of Test 21.06.14

Static W/L 950

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	Continuously available
								Pea gravel not
J. E.		A. E.						C/S E. E.

YIELD TEST REPORT

L. No. 1451/48 224 Dt. 24.7.14

S.W.L. 950 Taste of Water SWEET Date of Test 14.07.14

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.
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 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. 1468/V-8/2301

DATED 28.7.14

1. TURBIDITY..... 0.9

2. PH..... 8.1

3. TOTAL DISSOLVED SOLIDS mg/l..... 345

4. TOTAL HARDNESS (as ca co3) mg/l..... 228

5. CHLORIDES (as CL) mg/l..... 25

6. SULPHATES (as So4) mg/l..... 37

7. FLUORIDES (as F) mg/l..... 0.6

8. NITRATES (as No3) mg/l..... 5

9. CALCIUM (as Ca) mg/l..... 64.1

10. MAGNESIUM (as mg) mg/l..... 164

11. IRON (as Fe) mg/l..... 0.09

12. RESIDUAL CHLORINE mg/l. Nil Nil