



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

Completion Plan of T W No. 01 at SUJAPUR DISTRICT BSR

Type of Rig m/c 600/27 Size of Bore 675X600mm S.W.L. 10.50 Mts.

Agency M/S PIONEER DRILLING CO. VAISHALI, GHAZIABAD

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly
			0.50 M. A.G.L.
G.L. 3.00M.		FINE SAND	
		FINE TO M. SAND	
15.00M.			
		FINE TO MEDIUM SAND	
35.00M.		CLAY WITH KANKER	
43.00M.			
		MEDIUM SAND	
68.00M.		SANDY CLAY	
80.00M.			
		MEDIUM SAND	
104.00M.		CLAY KANKER	
110.00M.			

ASSEMBLY DETAILS

300m. m. Dia Housing pipe 0.50M A.G.L. m to 38.28m"
 300m. m. Dia Reducer 38.28 m to 38.43m"
 200m. m. Dia Blind pipe 38.43 m to 44.45 m"
 200m. m. Dia Slotted pipe 44.45 m to 62.60 m"
 200m. m. Dia Blind pipe 62.60 m to 80.67 m"
 200m. m. Dia Slotted pipe 80.67 m to 92.73 m"
 200m. m. Dia Blind pipe 92.73 m to 98.75 m"
 m. m. Dia pipe m to m"
 m. m. Dia pipe m to m"
 m. m. Dia pipe m to m"
 m. m. Dia pipe m to m"
 m. m. Dia pipe m to m"

Total Assembly 99.25 m"

ABSTRACT

1. Drilling Started on 28-05-2015
2. Drilling Completed on 02-06-2015
3. Assembly Lowered on 05-06-2015
4. Drilling Depth 110.00 m.
5. Assembly Lowered 99.25 m.

Housing Pipe 300 m. m. dia 38.78 m

Blind Pipe 200 m. m. dia 30.11 m

Slotted Pipe 200 m. m. dia 30.21 m

TEST REPORT BY COMPRESSOR

Date of Test 15-06-2015

Static W/L 10.50 M.

Taste of Water SWEET.

Discharge by V. Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	60 Min.	
7 $\frac{3}{8}$ "	1282	8000	6000	4000	3000	2000	850	Yellow fines observed
7 $\frac{1}{2}$ "	1335	8500	6500	4500	3500	2500	1150	continuity available beg gravel not going.
J. E. A. E. C/S E. E.								

YIELD TEST REPORT

1376
L. No. 1V-8 1145 Dt. 29-6-15

S.W.L. 10.50 Taste of Water SWEET Date of Test 27-06-2015

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.
7"	1241	14.50	4.00	40	Tr.	Cl.	Cl.	Cl.	Cl.
7.5"	1283	14.80	4.30	70	20	Tr.	Cl.	Cl.	Cl.
8"	1325	15.30	4.80	100	50	Tr.	Tr.	Cl.	Cl.
9.5"	1450	15.80	5.30	150	70	40	Tr.	Tr.	Cl.
15"	1817	16.20	5.70	250	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.

1587

1V-8 1178 DATED 21-07-2015

1. TURBIDITY.....	NTU 143	10. MAGNESIUM (as mg) mgl.	33.90
2. PH.....	8.5	11. IRON (as Fe) mgl.	1.5
3. TOTAL DISSOLVED SOLIDS mgl.	542	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl.	308		
5. CHLORIDES (as CL) mgl.	70		
6. SULPHATES (as So4) mgl.	84		
7. FLUORIDES (as F) mgl.	0.3		
8. NITRATES (as No3) mgl.	5.6		
	172		