



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

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

Type of Rig m/c 600X 27' Size of Bore 675X600mm S.W.L. 9.00 Mts.

Agency M/S PIONEER DRILLING CO. VAISHALI GHAZIABAD.

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.69M AGL.	350X200 m. m. Dia Housing pipe 0.69AGL m to 35.50m"
G.L. 3.00M.		SURFACE CLAY		G.L. 200m. m. Dia Reducer 35.50..... m to 35.65m"
8.00M.		SANDY CLAY		200m. m. Dia Blind pipe 35.65..... m to 40.65 m"
12.00M.		CLAY		200m. m. Dia Slotted pipe 40.65..... m to 55.76m"
16.00M.		FINE SAND		200 m. m. Dia Blind pipe 55.76.. m to 64.74m"
				200m. m. Dia Slotted pipe 64.74..... m to 70.74m"
				200 m. m. Dia Blind pipe 70.74..... m to 80.74 m"
		MEDIUM SAND		200 m. m. Dia Slotted pipe 80.74..... m to 86.73 m"
				200m. m. Dia Blind pipe 86.73... m to 92.75 m"
				 m. m. Dia pipe m to m"
56.00M.		CLAY		76M: m. m. Dia pipe m to m"
64.00M.		FINE SAND		 m. m. Dia pipe m to m"
71.00M.		CLAY KANKER		Total Assembly <u>93.44</u> m"
80.00M.		FINE SAND		
87.00M.		CLAY WITH KANKER		
103.00M.				

ABSTRACT

- Drilling Started on 26-03-2015
 - Drilling Completed on 30-03-2015
 - Assembly Lowered on 31-03-2015
 - Drilling Depth 103.00.....m.
 - Assembly Lowered 93.44.....m.
- Housing Pipe 350..... m. m. dia 36.19.....m
- Blind Pipe 200..... m. m. dia 30.00.....m
- Slotted Pipe 200..... m. m. dia 27.10.....m

As Executed

Countersigned

(SATISH KUMAR)

(S. C. PAL)

(RAKESH KUMAR)

TEST REPORT BY COMPRESSOR

Date of Test 16-04-2015 Static W/L 900M 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.	
8 1/2"	1815	11000	7500	5400	4000	2500	1500	Yellow fine sand choked with rusty particles
9"	2088	13500	9400	6500	5000	3000	1900	fine gravel not going
J.E.		A.E.						C/S E.E.

YIELD TEST REPORT

L No. 1V-8 / 86 DLS-5-15
S.W.L. 9.00 Taste of Water SWEET Date of Test 01-5-2015

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.
15"	1817	13.00	4.00	40	Tr.	Cl.	Cl.	Cl.	Cl.
20"	2062	13.40	4.40	70	Tr.	Tr.	Cl.	Cl.	Cl.
25"	2301	13.80	4.80	150	120	50	20	Tr.	Cl.
34"	2706	14.30	5.30	200	150	100	50	20	Tr.
42"	3028	14.50	5.50	500	200	150	100	50	20

Recommended 2000 LPM discharge at 4.40 mts. depression. J.E. A.E. C/S
E.E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MID WATER TREATMENT

LAB. PRATAP VIHAR, GHAZIABAD.

REF :- L.No. 1108 / V-8 1104 DATED 01-06-2015

1. TURBIDITY	NTU	0.8	10. MAGNESIUM (as mg) mgl.	28.10
2. PH		8.45	11. IRON (as Fe) mgl.	0.07
3. TOTAL DISSOLVED SOLIDS mgl.		498	12. RESIDUAL CHLORINE mgl. NH	
4. TOTAL HARDNESS (as Ca CO3) mgl.		192		
5. CHLORIDES (as Cl) mgl.		29		
6. SULPHATES (as SO4) mgl.		38		
7. FLUORIDES (as F) mgl.		0.4		
		6		