

630



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

Completion Plan of T W No. 2 at CHAUDHERA DISTRICT B.S.R.

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

Agency M/S SOBHARAM PREMI MEERV.T

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			1.17 m AGL	300 m. m. Dia Housing pipe 1.17 m to 38.0 m"
3.0	Surface clay			300 x 200 m. m. Dia Reducer 38.0 m to 38.15 m"
10.0	Sandy clay			200 m. m. Dia Blind pipe 38.15 m to 50.30 m"
				200 m. m. Dia Slotted pipe 50.30 m to 71.50 m"
	yellow fine sand.			200 m. m. Dia Blind pipe 71.50 m to 80.60 m"
				200 m. m. Dia Slotted pipe 80.60 m to 86.63 m"
35.0				200 m. m. Dia Blind pipe 86.63 m to 92.69 m"
	m. Sand			38.0 m. m. Dia pipe m to m"
46.0	clay			38.15 m. m. Dia pipe m to m"
50.0			" " "	 m. m. Dia pipe m to m"
			" " "	 m. m. Dia pipe m to m"
	m. Sand		" " "	 m. m. Dia pipe m to m"
			" " "	 m. m. Dia pipe m to m"
72.0	clay		" " "	 m. m. Dia pipe m to m"
80.0			" " "	 m. m. Dia pipe m to m"
	m. Sand		" " "	 m. m. Dia pipe m to m"
87.0			" " "	 m. m. Dia pipe m to m"
	clay, Konkai		n	 m. m. Dia pipe m to m"
103.0				 m. m. Dia pipe m to m"
				Total Assembly 93.86 m"
				ABSTRACT
				1. Drilling Started on 28-05-14
				2. Drilling Completed on 04-06-14
				3. Assembly Lowered on 02.06.14
				4. Drilling Depth 103.0 m.
				5. Assembly Lowered 93.86 m.
				Housing Pipe 300 m. m. dia 39.17 m
				Blind Pipe 200 m. m. dia 27.31 m
				Slotted Pipe 200 m. m. dia 27.23 m

As Executed

Countersigned

TEST REPORT BY COMPRESSOR

630

Date of Test 28.06.14

Static W/L 10.0 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.	45 Min.	
7 3/4	1447	9000	7000	5000	4000	2200	1400	Yellow fine sand observed
8 1/2	1815	10000	9000	6000	4500	2900	2000	Continuously muddy
								bea sand don't go up
J. E.		A. E.						C/S E. E.

YIELD TEST REPORT

L. No. 1359/V48/211 Dt. 10.7.14

S.W.L. 10.0 Taste of Water SWEET

Date of Test 2.07.14

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.
9	1408	14.40	4.30	40	Tr	cl	cl	cl	cl
10.5	1521	14.80	4.80	60	Tr	cl	cl	cl	cl
15.0	1817	15.00	5.00	100	30	Tr	cl	cl	cl
20	2062	15.40	5.40	150	70	30	Tr	Tr	cl
25	2301	15.50	5.50	250	150	100	70	30	Tr

Recommended 1400 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. 1382 / V-8 / 218 DATED 18.7.14

1. TURBIDITY.....	4.6	10. MAGNESIUM (as mg) mgl.	21.3
2. PH.....	8.45	11. IRON (as Fe) mgl.	0.2
3. TOTAL DISSOLVED SOLIDS mgl.	412	12. RESIDUAL CHLORINE mgl. Nil	NIL
4. TOTAL HARDNESS (as ca co3) mgl.	180		
5. CHLORIDES (as CL) mgl.	70		
6. SULPHATES (as So4) mgl.	79		
7. FLUORIDES (as F) mgl.	0.4		
8. NITRATES (as No3) mgl.	5		
9. CALCIUM (as Ca) mgl.	36.8		