



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

13/14

696

Completion Plan of T W No. 02 at MANDOLA DISTRICT GHAZIABAD

Type of Rig No. 600x27' Size of Bore 475x600mm S.W.L. 19.30 Mts.

Agency M/S. P.S. TUBE WELLS

Depth B.G.L. Meter	Stratum	Lowered Assembly	ASSEMBLY DETAILS
		0.50M AQL	300 m. m. Dia Housing pipe 0.50M AQL m to 35.56 m"
01.00M	SURFACE CLAY		300 m. m. Dia Reducer 35.56 m to 36.92 m"
	CLAY		200 m. m. Dia Blind pipe 36.92 m to 39.14 m"
20.00M	YELLOW SAND		200 m. m. Dia Slotted pipe 39.14 m to 51.46 m"
26.00M	FINE SAND		200 m. m. Dia Blind pipe 51.46 m to 57.46 m"
30.00M	CLAY WITH RAUKER		200 m. m. Dia Blind pipe 57.46 m to 63.62 m"
37.00M	RAUKER SAND		200 m. m. Dia Slotted pipe 63.62 m to 76.66 m"
	CLAY		200 m. m. Dia Blind pipe 76.66 m to 82.62 m"
52.00M	CLAY	 m. m. Dia pipe m to m"
56.00M	FINE TO M. SAND	 m. m. Dia pipe m to m"
63.00M	CLAY	 m. m. Dia pipe m to m"
68.00M	FINE TO M. SAND	 m. m. Dia pipe m to m"
77.50M			Total Assembly <u>83.19</u> m"
	CLAY		
110.00M			

ABSTRACT

1. Drilling Started on 01-03-2014
 2. Drilling Completed on 07-03-2014
 3. Assembly Lowered on 09-03-2014
 4. Drilling Depth 110.00 m.
 5. Assembly Lowered 83.19 m.
- Housing Pipe 300 m. m. dia 36.44 m
 Blind Pipe 200 m. m. dia 18.23 m
 Slotted Pipe 200 m. m. dia 28.52 m

As Executed

Countersigned

[Signature]
Representative

[Signature]
J. E.

[Signature]
A. E.

[Signature]
Executive Engineer

TEST REPORT BY COMPRESSOR

606

Date of Test 16-03-2014

Static W/L 19:30

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.	Remarks
7"	1165	300	250	200	150	50		
7½"	1332	350	300	250	100	100		
8"	1607	400	300	300	100	100		

J. E.

R. Jain
A. E.

C/S
E.E.

YIELD TEST REPORT

L. No. 1 / 1 Dt.

S.W.L. 19:30 M. Taste of Water SWEET

Date of Test 27-03-2014

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"	1325	23.40	4.10	80	50	10	Cl.	Cl.	Cl.
9"	1401	23.70	4.40	100	50	20	Tr.	Cl.	Cl.
10"	1477	24.10	4.80	200	100	50	Tr.	Cl.	Cl.
16"	1856	25.60	6.30	300	200	100	30	Tr.	Cl.
22"	2178	26.40	7.10	400	300	200	100	50	20
663 V-8 125 Date 28-03-2014									

Recommended 1400 LPM. discharge at 4.50 mts. depression.

J. E.

R. Jain
A. E.

C/S
E.E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No. 7221 V-8 1136 DATED 15-04-2014

1. TURBIDITY..... NTU	<u>0.8</u>	10. MAGNESIUM (as mg) mgl.	<u>18.4</u>
2. PH.....	<u>7.2</u>	11. IRON (as Fe) mgl.	<u>0.07</u>
3. TOTAL DISSOLVED SOLIDS mgl.	<u>390</u>	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl.	<u>148</u>		
5. CHLORIDES (as CL) mgl.	<u>135</u>		
6. SULPHATES (as So4) mgl.	<u>67</u>		
7. FLUORIDES (as F) mgl.	<u>0.4</u>		
8. NITRATES (as No3) mgl.	<u>3</u>		
	<u>28.8</u>		