



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

72 (457)

Completion Plan of T W No. 1 (G.T. ROAD) at BUXER DISTRICT GHAZIABAD

Type of Rig m/c R.C. 600/27' Size of Bore 675 X 600 mm s.w.l. 1.75 Mts.

Agency DEPARTMENTAL

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
G.L.			A.G.L. 0.33M.	
4.50M.		Surface Clay		350 m. m. Dia Housing pipe 0.33AGL m to 34.50 m" G.L.
		M. Sand		350 x 200 m. m. Dia Reducer ... 34.50 m to 34.65 m"
		M. Sand		200 m. m. Dia Blind Pipe 34.65 m to 51.67 m"
		M. Sand		200 m. m. Dia Slotted Pipe 51.67 m to 64.03 m"
25.00M.		Clay		200 m. m. Dia Blind Pipe 64.03 m to 70.11 m"
28.50M.		Clay		200 m. m. Dia Slotted Pipe 70.11 m to 88.75 m"
31.50M.		Fine Sand		200 m. m. Dia Blind Pipe 88.75 m to 94.83 m"
		V. Fine Sand Yellow	34.85 m	..... m. m. Dia Pipe m to m"
46.00M.		Clay		..... m. m. Dia Pipe m to m"
50.50M.		Clay	51.62 m	..... m. m. Dia Pipe m to m"
		M. Sand		..... m. m. Dia Pipe m to m"
65.80M.		M. Sand		..... m. m. Dia Pipe m to m"
68.50M.		Sandy clay	64.03 m	..... m. m. Dia Pipe m to m"
		M. Sand		..... m. m. Dia Pipe m to m"
		M. Sand	70.11 m	..... m. m. Dia Pipe m to m"
89.80M.		Clay		..... m. m. Dia Pipe m to m"
		Clay	88.75 m	..... m. m. Dia Pipe m to m"
105.00M.		Clay	94.33 m	..... m. m. Dia Pipe m to m"
				Total Assembly 95.16 m"

ABSTRACT

1. Drilling Started on 18.01.09
 2. Drilling Completed on 25.01.09
 3. Assembly Lowered on 25.01.09
 4. Drilling Depth 105.00 m.
 5. Assembly Lowered 95.16 m.
- Housing Pipe 350 m. m. dia 34.83 m
- Blind Pipe 200 m. m. dia 29.18 m
- Slotted Pipe 200 m. m. dia 31.00 m

As Executed

(R.C. JAIN)

(R.K. SHARMA)

Countersigned

Representative

J. E.

A. E.

Executive Engineer

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YIELD TEST REPORT

S. W. L. 2.75 M. Taste of Water SWEET V-Notch/Office 8" X 6" @ Date of test 13-2-09

V Notch /Orifice Reading	Discharge in L. P. M.	R. W. L. In Mts.	Depression In Mts.	SAND CONTENT IN PPM					
				Starting	5 Min	10 Min	15 Min	20 Min	30 Min
8"	1733	4.75	2.00	Tr	Cl	Cl	Cl	Cl	Cl
9"	1828	5.05	2.30	25	Tr	Cl	Cl	Cl	Cl
12"	2108	5.95	3.20	150	100	25	Tr	Cl	Cl
16"	2407	6.85	4.10	300	200	150	100	50	Tr
18"	2544	7.25	4.50	550	400	250	150	100	50

Recommended 1800 LPM. discharge at 2.30 mts depression Debut 3mm
3E AE

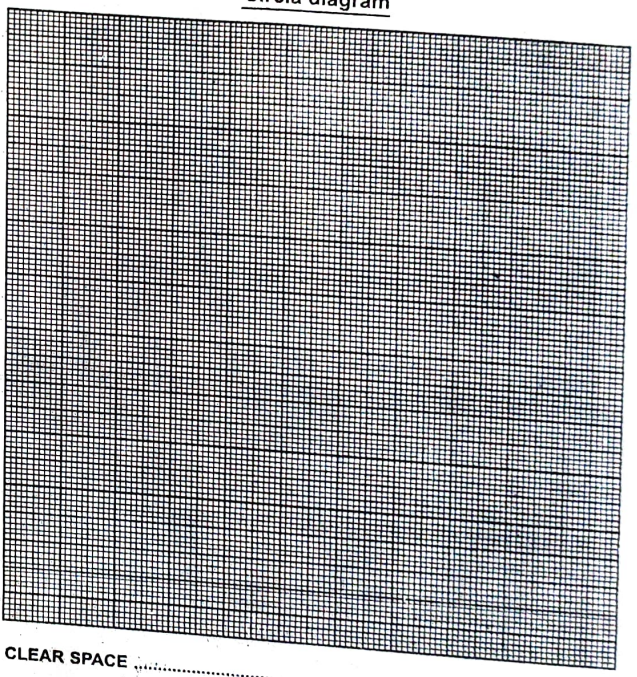
VERTICALITY TEST REPORT

DIA OF Disc TOTAL HOUSING DATE OF TEST

Height of Suspension ...

DEPTH of Disc MBGL	Observed Deviation MM			
	E	W	N	S

Circla diagram



(120MLD WATER TREATMENT WATER TEST RESULTS

AGENCY PLANT LAB, PRATAP VIHAR, CHAZIA BAD. REF : HM-590 Dated 21-02-09

1. TURBIDITY <u>0.4 NTU</u>	9. CALCIUM (as Ca) <u>mg/l 40</u>
2. PH <u>7.5</u>	10. MAGNESIUM (as Mg) <u>mg/l 16</u>
3. TOTAL DISSOLVES SOLIDS (mg/l) <u>330</u>	11. IRON (as Fe) <u>mg/l 0.04</u>
4. TOTAL HARDNESS (as CaCO ₃) <u>mg/l 164</u>	
5. CHLORIDES (as Cl) <u>mg/l 17</u>	
6. SULPHATES (as SO ₄) <u>mg/l 35</u>	
7. FLUORIDES (as F) <u>mg/l 0.6</u>	
8. NITRATES (as NO ₃) <u>mg/l 1.5</u>	

Draught's Signature [Signature] [Signature] [Signature] [Signature]
 A. E. Executive Engineer