



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

Completion Plan of T W No. 1 at MURAD NAGAR DISTRICT GHAZIABAD

Type of Rig m/c R.C. 600/27' Size of Bore 675 X 600mm s.w.l. 6:30 Mts.

Agency DEPARTMENTAL

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly
1.50 M.		Surface clay	AGLO 35M
9.00 M.		Clay	
18.50 M.		Fine sand	
25.00 M.		Clay	
		Fine to m. sand	
40.00 M.			36.00 36.75 M
47.00 M.		Clay	
			48.41 M
		M. sand	60.51 M 63.45 M
			75.75 M
77.00 M. 80.50 M.		Clay kankar	81.85 M
		m. sand	94.10 M
95.00 M.		Clay	100.30 M
110.00 M.			

ASSEMBLY DETAILS

350 m. m. Dia Housing pipe 0.35 MAGL m to 36.00 m
 350 m. m. Dia Reducer 36.00 m to 36.15 m
 200 m. m. Dia Blind Pipe 36.15 m to 48.41 m
 200 m. m. Dia Slotted Pipe 48.41 m to 60.51 m
 200 m. m. Dia Blind Pipe 60.51 m to 63.45 m
 200 m. m. Dia Slotted Pipe 63.45 m to 75.75 m
 200 m. m. Dia Blind Pipe 75.75 m to 81.85 m
 200 m. m. Dia Slotted Pipe 81.85 m to 94.10 m
 200 m. m. Dia Blind Pipe 94.10 m to 100.30 m
 m. m. Dia Pipe m to m
 m. m. Dia Pipe m to m
 m. m. Dia Pipe m to m
 Total Assembly 100.65 m

ABSTRACT

- Drilling Started on 24-11-08
 - Drilling Completed on 05-12-08
 - Assembly Lowered on 06-12-08
 - Drilling Depth 110 m
 - Assembly Lowered 100.65 m
- Housing Pipe 350 m. m. dia 36.35 m
 Blind Pipe 200 m. m. dia 27.70 m
 Slotted Pipe 200 m. m. dia 36.45 m

As Executed

(R.C. Jain)

(R.C. JAIN)

Representative

J. E.

(R.K. Sharma)

(R.K. SHARMA)

A. E.

Countersigned

(Jony)

Executive Engineer

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YIELD TEST REPORT

S. W.L. 6.90M Taste of Water SWEET V-Notch/Office 8" X 6" Ø Date of test 2-1-09

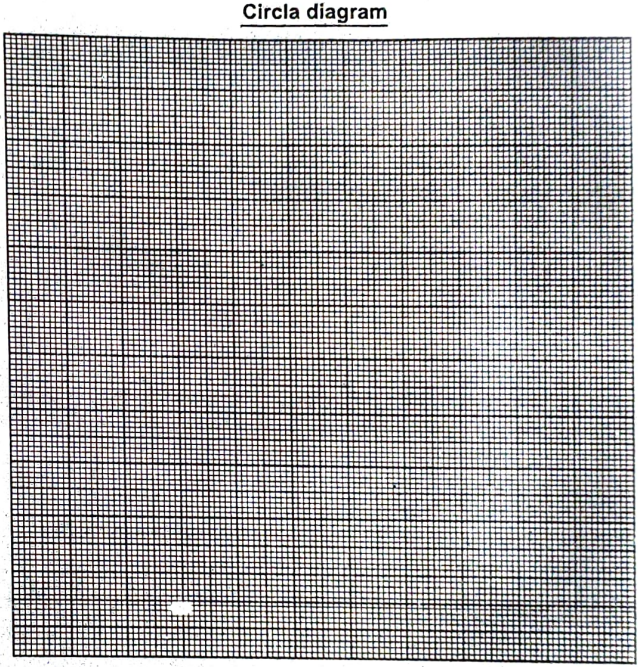
V Notch /Orifice Reading	Discharge in L. P. M.	R. W. L. in Mts.	Depression in Mts.	SAND CONTENT IN PPM					
				Starting	5 Min	10 Min	15 Min	20 Min	30 Min
10"	1855	9.25	2.35	cl	cl	cl	cl	cl	cl
12"	2044	9.60	2.70	Tr	cl	cl	cl	cl	cl
16"	2347	10.15	3.25	50	cl	cl	cl	cl	cl
20"	2640	10.75	3.85	150	75	50	Tr	cl	cl
25"	2952	11.40	4.50	350	250	200	100	75	50

Recommended 2250 L.P.M. discharge at 3.25 mts depression 3.8 3mm
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



CLEAR SPACE At
..... At
..... At

(120MLD WATER TREATMENT) WATER TEST RESULTS

AGENCY PLANT LAB, PRATAPVIHAR, GHAZIABAD REF. HM-570 Dated 12-1-09

1. TURBIDITY <u>0.5 NTU</u>	8. NITRATES (as NO_3) <u>mg/l. 3</u>
2. PH <u>7.65</u>	9. CALCIUM (as Ca) <u>mg/l. 4.9</u>
3. TOTAL DISSOLVED SOLIDS <u>mg/l. 4.50</u>	10. MAGNESIUM (as Mg) <u>mg/l. 1.9</u>
4. TOTAL HARDNESS (as $CaCO_3$) <u>mg/l. 2.00</u>	11. I.B.A.N. (as Fe) <u>mg/l. 0.04</u>
5. CHLORIDES (as Cl) <u>mg/l. 2.5</u>	
6. SULPHATES (as SO_4) <u>mg/l. 4.0</u>	
7. FLUORIDES (as F) <u>mg/l. 0.4</u>	

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