20/10

(27) (533)

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

SAID PUR HUSEN PUR

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

Type of Rig m/c R.C. 600/27' Size of Bore 675X600mm S.W.L. 10.30 Mts.

Agency CONTRACTOR

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly
G.L.			0.42M.AGL
		Clay	C.L.
6.10M.			
		M. Sand	
21.50M.		Clay	
24.50M.		Yellow Fine Sand	
30.50M.			
36.60M.		M. Sand to Coarse Sand	35.50M.
39.60M.		Clay Sandy Clay	35.65M.
40.50M.			41.63M.
		M. Sand	
74.65M.			73.73M.
		Clay	
94.00M.		M. Sand	94.73M.
99.00M.			97.99M.
		Clay	103.22M.
115.00M.			

ASSEMBLY DETAILS

350 m. m. Dia Housing pipe 0.42M AGL m to 35.50 m"

C.L.

350 X 200 m. m. Dia Reducer 35.50 m to 35.65 m"

200 m. m. Dia Blind Pipe 35.65 m to 41.63 m"

200 m. m. Dia Slotted Pipe 41.63 m to 73.73 m"

200 m. m. Dia Blind Pipe 73.73 m to 94.73 m"

200 m. m. Dia Slotted Pipe 94.73 m to 97.99 m"

200 m. m. Dia Blind Pipe 97.99 m to 103.22 m"

..... m. m. Dia ..... Pipe ..... m to ..... m"

..... m. m. Dia ..... Pipe ..... m to ..... m"

..... m. m. Dia ..... Pipe ..... m to ..... m"

..... m. m. Dia ..... Pipe ..... m to ..... m"

..... m. m. Dia ..... Pipe ..... m to ..... m"

Total Assembly 103.64 m"

ABSTRACT

1. Drilling Started on 29-6-2010
2. Drilling Completed on 05-7-2010
3. Assembly Lowered on 06-7-2010
4. Drilling Depth 115.00 m.
5. Assembly Lowered 103.64 m.

Housing Pipe 350 m.m. dia 35.92 m

Blind Pipe 200 m. m. dia 32.21 m

Slotted Pipe 200 m. m. dia 35.36 m

As Executed

(R.C. JAIN) (R.K. SHARMA)

Countersigned

Representative J. E. A. E. Executive Engineer

(533)

YIELD TEST REPORT

S.W.L. 10.30M. Taste of Water ...SWEET..... V - Notch/Office 200X150mm Date of test 20-7-10...

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	13.90	3.60	50	Cl.	Cl.	Cl.	Cl.	Cl.
10"	1922	14.25	3.95	75	25	Cl.	Cl.	Cl.	Cl.
11"	2017	14.45	4.15	100	25	Cl.	Cl.	Cl.	Cl.
18"	2543	15.15	4.85	350	150	75	25	Cl.	Cl
25"	2993	15.90	5.60	550	350	200	150	100	50

Recommended ....2000 LPM. discharge at ....4.15.....mts depression J.E. A.E.

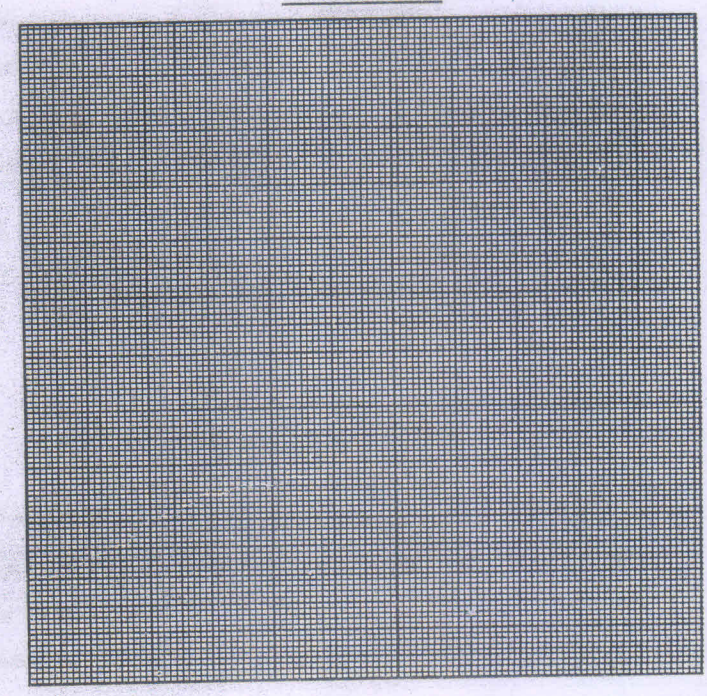
VERTICALITY TEST REPORT

DIA OF Disc ..... TOTAL HOUSING ..... DATE OF TEST .....

Height of Suspension ...

DEPTH of Disc MBGL	Observed Deviation MM			
	E	W	N	S

Circla diagram



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

AGENCY
C120 MLD WATER TREATMENT
LAB, PRATAP VIHAR, GHAZIABAD.

WATER TEST RESULTS

REF :- H. M. ..... DATED .....

1. TURBIDITY	0.5	10. MAGNESIUM (as mg) mgl.	22.3
2. PH	7.4	11. IRON (as Fe) mgl.	0.06
3. TOTAL DISSOLVED SOLIDS mgl.	336		
4. TOTAL HARDNESS (as ca co3) mgl.	216		
5.CHLORIDES (as CL) mgl.	24		
6. SULPHATES (as So4) mgl.	28		
7. FLUORIDES (as F) mgl.	0.4		
8. NITRATES (as No3) mgl.	3		
9. CALCIUM (as Ca) mgl.	49.6		

Draught's Signature J. E. A. E. Executive Engineer