



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

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

Type of Rig m/c R.C. 600/27' Size of Bore 6.75X600 mm S.W.L. .... Mts.

Agency DEPARTMENTAL

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
G.L.			0.57M. A.G.L.	300 m. m. Dia Housing pipe 0.57M. A.G.L. m to 35.30 m"
1.50M.		Surface Clay		300 X 200 m. m. Dia Reducer 35.30 m to 35.45 m"
		Fine to M. Sand		200 m. m. Dia Blind Pipe 35.45 m to 57.77 m"
22.75M.		Clay		200 m. m. Dia Slotted Pipe 57.77 m to 74.70 m"
25.50M.		Clay		200 m. m. Dia Blind Pipe 74.70 m to 76.10 m"
		Fine Sand		200 m. m. Dia Slotted Pipe 76.10 m to 88.06 m"
41.00M.		Clay	35.30M. / 35.45M.	200 m. m. Dia Blind Pipe 88.06 m to 94.00 m"
		Clay		..... m. m. Dia ..... Pipe ..... m to ..... m"
52.00M.		Yellow Sand		..... m. m. Dia ..... Pipe ..... m to ..... m"
57.00M.		Yellow Sand		..... m. m. Dia ..... Pipe ..... m to ..... m"
		Yellow Sand	57.77M.	..... m. m. Dia ..... Pipe ..... m to ..... m"
		Yellow Sand		..... m. m. Dia ..... Pipe ..... m to ..... m"
		Yellow Sand	74.70M. / 76.10M.	Total Assembly <u>94.57</u> m"
		Yellow Sand		
90.00M.		Yellow Sand	88.06M.	
		Yellow Sand		
105.00M.		Yellow Sand	94.00M.	

### ABSTRACT

- 1. Drilling Started on 28-01-2011
  - 2. Drilling Completed on 05-02-2011
  - 3. Assembly Lowered on 06-02-2011
  - 4. Drilling Depth 105.00 m.
  - 5. Assembly Lowered 94.57 m.
- Housing Pipe 300 m. m. dia 35.89 m  
 Blind Pipe 200 m. m. dia 29.66 m  
 Slotted Pipe 200 m. m. dia 28.89 m

As Executed

*R.C. Jain*  
(R.C. JAIN)

*R.K. Sharma*  
(R.K. SHARMA)

Countersigned

*Jain*  
Executive Engineer

Representative

J. E.

A. E.

543

YIELD TEST REPORT

S.W.L. 7.85 Taste of Water SWEET V - Notch/Office 6" x 5" Date of test 8.03.11

V Notch /Office 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
5"	1059	11.80	3.95	Tr.	Cl.	Cl.	Cl.	Cl.	Cl.
7"	1241	12.00	4.15	50	Cl.	Cl.	Cl.	Cl.	Cl.
9"	1408	12.20	4.35	150	75	50	Tr.	Cl.	Cl.
12"	1627	12.40	4.55	250	150	100	50	Tr.	Cl.
15"	1816	12.70	4.85	400	300	200	150	100	50

Recommended 12.00 L.P.M. discharge at 4.15 mts depression J.E. A.E.

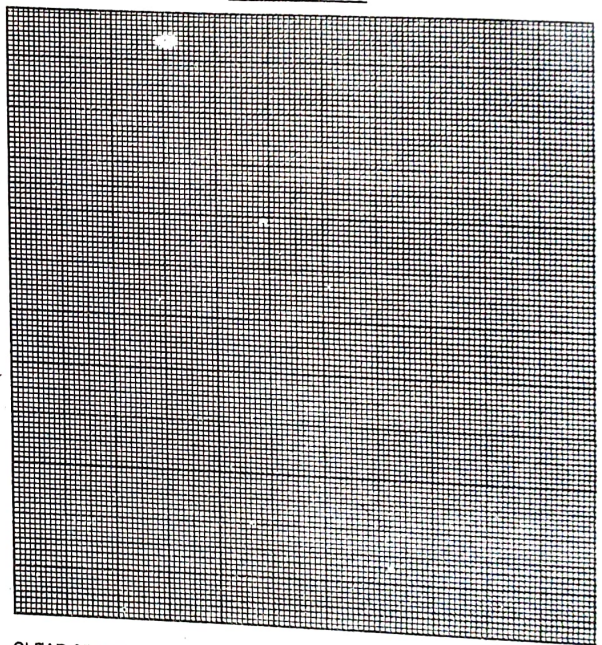
VERTICALITY TEST REPORT

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. 862 DATED 16-3-2011

1. TURBIDITY..... NTU	0.4	10. MAGNESIUM (as mg) mgl.	11.6
2. PH .....	7.5	11. IRON (as Fe) mgl.	0.95
3. TOTAL DISSOLVED SOLIDS mgl.	258		
4. TOTAL HARDNESS (as ca co3) mgl.	156		
5. CHLORIDES (as CL) mgl.	27		
6. SULPHATES (as So4) mgl.	19		
7. FLUORIDES (as F) mgl.	0.3		
8. NITRATES (as No3) mgl.	2		
9. CALCIUM (as Ca) mgl.	43.3		

Draught's Signature

J.E.

A.E.

Executive Engineer