

34/10

33

539



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

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

Type of Rig m/c R.C. 600/27' Size of Bore 675 X 600mm S.W.L. 8.25 Mts.

Agency DEPARTMENTAL

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
0			0:55M. A.G.L.	350 m. m. Dia Housing pipe 0:55M. A.G.L. m to 36:30 m"
1.50M.		Surface clay		350 x 200 m. m. Dia Reducer 36:30 m to 36:45 m"
12.00M.		Clay		200 m. m. Dia Blind Pipe 36:45 m to 46:22 m"
		M. Sand		200 m. m. Dia Slotted Pipe 46:22 m to 64:32 m"
		M. Sand		200 m. m. Dia Blind Pipe 64:32 m to 93:33 m"
		M. Sand		200 m. m. Dia Slotted Pipe 93:33 m to 107:69 m"
36.00M.		Clay Kanker	26:36	200 m. m. Dia Blind Pipe 107:69 m to 112:69 m"
45.15M.		Clay Kanker	46 m. m. Dia Pipe m to m"
		Fine to M. Sand		22M. m. m. Dia Pipe m to m"
		Sand	 m. m. Dia Pipe m to m"
65.30M.		Clay with Kanker	64 m. m. Dia Pipe m to m"
		Clay with Kanker		Total Assembly 111:24 m"
92.20M.		M. Sand	93	
		M. Sand		
108.50M.		Clay with Kanker	107:112	
118.00M.		Clay with Kanker		

ABSTRACT

1. Drilling Started on 05-09-2010
 2. Drilling Completed on 14-09-2010
 3. Assembly Lowered on 15-09-2010
 4. Drilling Depth 118.00 m.
 5. Assembly Lowered 111.24 m.
- Housing Pipe 350 m. m. dia 36.85 m
 Blind Pipe 200 m. m. dia 41.78 m
 Slotted Pipe 200 m. m. dia 32.46 m

As Executed

R. Jain
(R.C. JAIN)

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

Countersigned
[Signature]
Executive Engineer

Representative

J. E.

A. E.

539

YIELD TEST REPORT

S.W.L. 2.25 M. Taste of Water S.W.E.E.T. V - Notch/Office 150 X 125. Date of test 14.01.2011

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
7"	1241	11.55	3.30	30	Cl.	Cl.	Cl.	Cl.	Cl.
10.5"	1521	12.15	3.90	50	Cl.	Cl.	Cl.	Cl.	Cl.
15"	1816	12.65	4.40	150	75	30	Cl.	Cl.	Cl.
20.5"	2096	13.35	5.10	250	100	75	50	30	Cl.
27"	2392	14.00	5.75	480	250	150	100	75	50

Recommended 1500 L.P.M. discharge at 3.90 mts depression J.E. A.E.

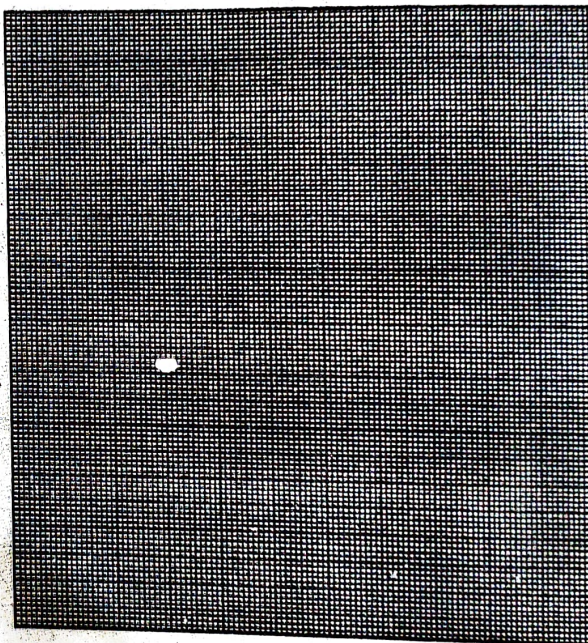
VERTICALITY TEST REPORT

DIA OF Disc TOTAL HOUSING DATE OF TEST

Height of Suspension ...

Circle diagram

DEPTH of Disc MBGL	Observed Deviation MM			
	E	W	N	S



CLEAR SPACE At
 At
 At

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

WATER TEST RESULTS

REF :- H. M. DATED

1. TURBIDITY..... 5 2. PH 7.45 3. TOTAL DISSOLVED SOLIDS mg/l. 3.70 4. TOTAL HARDNESS (as ca co3) mg/l. 2.90 5. CHLORIDES (as Cl) mg/l. 20 6. SULPHATES (as So4) mg/l. 24 7. FLUORIDES (as F) mg/l. 0.2 8. NITRATES (as No3) mg/l. 3 9. CALCIUM (as Ca) mg/l. 68	10. MAGNESIUM (as mg) mg/l. 19.50 11. IRON (as Fe) mg/l. 0.12
---	---

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