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

Completion Plan of T W No. 2 at SAPNAWAT DISTRICT GHAZIABAD

Type of Rig m/c R.G. 600/27' Size of Bore 675X600mm S.W.L. 8.15 Mts.

Agency

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly
			0.45M.AGL.
G.L. 1.50M.		Surface clay	G.L.
6.00M.		Clay	
		Fine Sand	
20.00M.		Clay	
26.00M.		M. Sand	
35.00M.			
		Clay with Kankar	
51.75M.			52.71M.
		M. Sand & Fine Sand	
64.50M.			63.77M.
		Clay with Kankar	
			87.69M.
86.50M.		M. Sand & Fine Sand	
106.60M.			105.80M.
			108.80M.
118.00M.			

ASSEMBLY DETAILS

350 m. m. Dia Housing pipe 0.45M AGL m to 36.80 m"

350 X 200 m. m. Dia Reducer 36.80 m to 36.95 m"

200 m. m. Dia Blind Pipe 36.95 m to 52.71 m"

200 m. m. Dia Slotted Pipe 52.71 m to 63.77 m"

200 m. m. Dia Blind Pipe 63.77 m to 87.69 m"

200 m. m. Dia Slotted Pipe 87.69 m to 105.80 m"

200 m. m. Dia Blind Pipe 105.80 m to 108.80 m"

36.80M. 36.95M.

200 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 109.25 m"

ABSTRACT

1. Drilling Started on 21-6-2011
2. Drilling Completed on 29-6-2011
3. Assembly Lowered on 30-6-2011
4. Drilling Depth 108.00 m.
5. Assembly Lowered 109.25 m.

Housing Pipe 350 m.m. dia 37.25 m

Blind Pipe 200 m. m. dia 42.68 m

Slotted Pipe 200 m. m. dia 29.17 m

As Executed

Countersigned

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

Representative J. E. A. E. Executive Engineer

YIELD TEST REPORT

S.W.L 8.15 M. Taste of Water SWEET V - Notch/Office 8"X5" Date of test 08-8-2011

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"	1059	11.45	3.30	Tr.	Cl.	Cl.	Cl.	Cl.	Cl.
11"	1249	11.85	3.70	20	Tr.	Cl.	Cl.	Cl.	Cl.
16"	1521	12.30	4.15	40	Cl.	Cl.	Cl.	Cl.	Cl.
26"	1907	13.10	4.95	250	150	100	50	25	Tr.
37.50"	2255	13.80	5.65	500	300	200	150	100	50

Recommended 1500 LPM. discharge at 4.15 mts depression J.E. A.E.

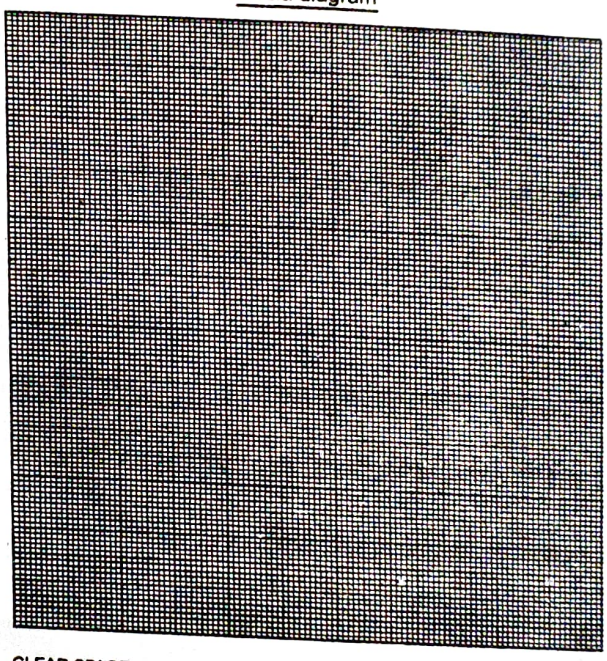
VERTICALITY TEST REPORT

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. 904 DATED 19-8-2011

1. TURBIDITY ..... NTU 0.3
2. PH 7.65
3. TOTAL DISSOLVED SOLIDS mgl. 290
4. TOTAL HARDNESS (as ca co3) mgl. 196
5. CHLORIDES (as CL) mgl. 20
6. SULPHATES (as So4) mgl. 28
7. FLUORIDES (as F) mgl. 0.2
8. NITRATES (as No3) mgl. 3.50
9. CALCIUM (as Ca) mgl. 40
10. MAGNESIUM (as mg) mgl. 23.30
11. IRON (as Fe) mgl. 0.04

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