(41) (426)

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

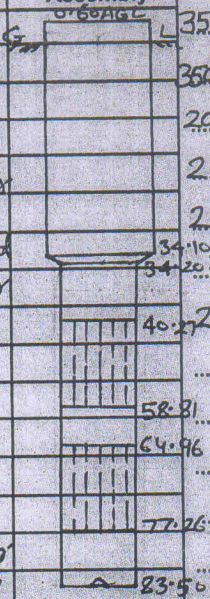
Completion Plan of T W No. 1 at SURANA DISTRICT Ghaziabad

Type of Rig m/c R.C. 600/27 Size of Bore 675/600 S.W.L. 9.45 Mts.

Agency Departmental

Depth B.G.L. Meter	Boring Chart	Stratum
1.60		Surface clay
9.75		fine sand
13.10		clay
17.00		fine sand
28.65		clay kankar
36.40		fine to m. sand
39.00		clay kankar
		medium sand
		Bagri
78.00		clay kankar
83.00		V. fine sand
90.00		clay
100.00		

Lowered Assembly



ASSEMBLY DETAILS

350 m. m. Dia Housing pipe 0.60AGL m to 34.10 m"
350×200 m. m. Dia Reducer 34.10 m to 34.20 m"
200 m. m. Dia Blind Pipe 34.20 m to 40.27 m"
200 m. m. Dia Slotted Pipe 40.27 m to 58.81 m"
200 m. m. Dia Blind Pipe 58.81 m to 64.96 m"
200 m. m. Dia Slotted Pipe 64.96 m to 77.26 m"
200 m. m. Dia Blind Pipe 77.26 m to 83.50 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 84.10 m"

ABSTRACT

1. Drilling Started on 24.6.2008
2. Drilling Completed on 4.7.08
3. Assembly Lowered on 5.7.08
4. Drilling Depth 100.00 m
5. Assembly Lowered 84.10 m

Housing Pipe 350 m. m. dia 34.70 m
Blind Pipe 200 m. m. dia 18.46 m
Slotted Pipe 200 m. m. dia 30.84 m

As Executed

Representative — (R. C. JAIN) J. E. — (R.K. SHARMA) A. E. — Countersigned Executive Engineer

YIELD TEST REPORT

S. W.L. 9.45 Taste of Water SWEET V - Notch/Office 6"X5" Date of test 12-08-08

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
12"	1609	12.85	3.40	100	50	Cl	Cl	Cl	Cl
16"	1855	13.10	3.65	125	75	Tr.	Cl	Cl	Cl
20"	2082	13.30	3.85	200	100	50	Cl	Cl	Cl
30"	2536	13.95	4.50	350	200	150	100	50	Tr.
40"	2953	14.65	5.20	650	500	350	275	150	100

Recommended 2000 discharge at 3.85 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 .....

WATER TEST RESULTS

(120 MLD WATER Treatment Plant Lab, Pratap Vihar, Ghaziabad REF :- H.M. 476 Dated 25-08-2008

AGENCY .....

1. Turbidity NTU 0.2
2. P.H 7.6
3. Total dissolved solids mg/l 350
4. Total Hardness (as CaCO3) mg/l 188
5. Chlorides (as Cl.) mg/l 20
6. Sulphates (as SO4) mg/l 3.5
7. Fluorides (as F) mg/l 0.7
8. Nitrates (as NO3) mg/l 2
9. Calcium (as Ca) mg/l 38.50
10. Magnesium (as Mg) mg/l 22
11. Iron (as Fe) mg/l Not detectable

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