



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

481

134

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

Type of Rig m/c R.C. 600/27 Size of Bore 675 X 600mm W.L. 4.30 Mts.

Agency DEPARTMENTAL

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
C.L.			0.41m A.C.L.	300 m. m. Dia Housing pipe 0.41m A.C.L. m to 30.00m
9.00M		Surface Clay		300 X 200 m. m. Dia Reducer 30.00 m to 30.15 m
11.50M		M. Sand		200 m. m. Dia Blind Pipe 30.15 m to 39.35 m
		Hard Clay		200 m. m. Dia Slotted Pipe 39.35 m to 57.65 m
		Kanker		200 m. m. Dia Blind Pipe 57.65 m to 69.85 m
34.00M		Fine Sand		200 m. m. Dia Slotted Pipe 69.85 m to 75.95 m
37.00M		Clay Kanker		200 m. m. Dia Blind Pipe 75.95 m to 88.15 m
		M. Sand		200 m. m. Dia Slotted Pipe 88.15 m to 91.25 m
				200 m. m. Dia Blind Pipe 91.25 m to 94.35 m
				m. m. Dia Pipe m to m
59.00M		Clay		57.65m m. m. Dia Pipe m to m
68.00M		M. Sand		69.85m m. m. Dia Pipe m to m
77.00M		Clay Kanker		75.95m
87.00M		M. Sand		88.15m
92.50M		Clay		91.25m
100.00M				94.35m
				Total Assembly 94.76 m

ABSTRACT

1. Drilling Started on 26-4-2009
 2. Drilling Completed on 06-5-2009
 3. Assembly Lowered on 06-5-2009
 4. Drilling Depth 100.00 m
 5. Assembly Lowered 94.76 m
- Housing Pipe 300 m. m. dia 30.41 m
Blind Pipe 200 m. m. dia 36.70 m
Slotted Pipe 200 m. m. dia 27.50 m

As Executed

R. C. Jain
(R. C. JAIN)
J. E.

Countersigned

Arun Kumar
(Arun Kumar)
A. E.

[Signature]
Executive Engineer

YIELD TEST REPORT

S. W.L. 4.30 Taste of Water SWEET V-Notch/Office 6" X 5" Date of test 5-6-08.

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"	1230	6.15	1.85	25	Cl	Cl	Cl	Cl	Cl
9"	1401	6.45	2.15	75	25	Cl	Cl	Cl	Cl
12"	1610	6.80	2.50	100	50	Tr	Cl	Cl	Cl
20"	2083	7.55	3.25	350	250	150	50	Tr	Cl
30"	2538	8.60	4.30	550	400	325	200	150	10

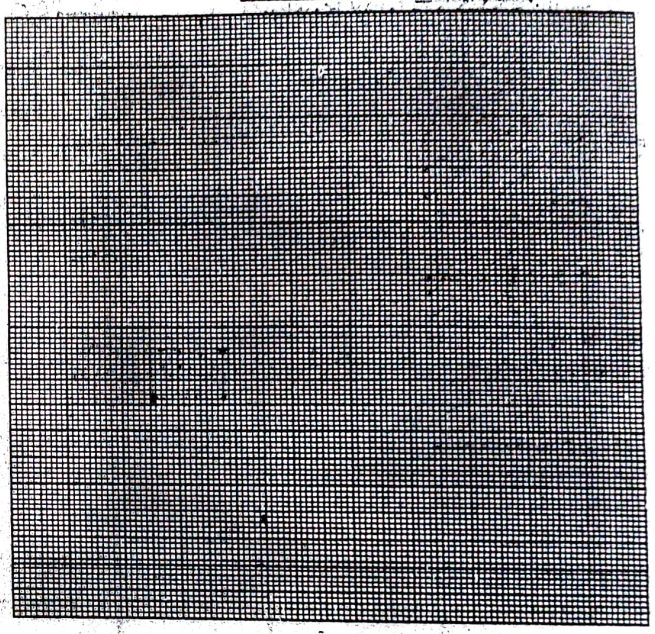
Recommended 1600 LPM discharge at 2.50 mts depression
(Signature)
 J. E. A. E.

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



CLEAR SPACE At At At

(120MLD Water Treatment Plant Lab, Pratab Vikar, Chh. 3.1. bael. REF:- H.M. 436 Dated 30-6-2008)

WATER TEST RESULTS

AGENCY

1. Turbidity N.T.U. 0.5 2. pH 7.6 3. Total dissolved solids mg/l. 360 4. Total Hardness (CaCO ₃) mg/l. 240 5. Chlorides (CaCl ₂) mg/l. 20 6. Sulphates (CaSO ₄) mg/l. 25 7. Fluoride (CaF ₂) mg/l. 0.4 8. Nitrate (Ca(NO ₃) ₂) mg/l. 3 9. Calcium (CaCO ₃) mg/l. 41	10. Magnesium (CaSO ₄) mg/l. 29 11. Iron (CaSO ₄) mg/l. 0.02
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Draught's Signature *(Signature)* J. E. *(Signature)* A. E. Executive Engineer