



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

135 432

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

Type of Rig m/c R.C. 600/27' Size of Bore 675 X 600 mm W.L. 5.00 Mts.

Agency DEPARTMENTAL

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
G.L.			AGL 0.40 M	200 m. m. Dia Housing pipe 0.40 M m to 36.16 m
1.50 M		Surface Clay		300 m. m. Dia Reducer 36.16 m to 36.26 m
		Clay Kankeer		200 m. m. Dia Blind Pipe 36.26 m to 39.26 m
15.00 M				200 m. m. Dia Slotted Pipe 39.26 m to 42.26 m
22.00 M		M. Sand		200 m. m. Dia Blind Pipe 42.26 m to 48.48 m
29.00 M		Clay		200 m. m. Dia Slotted Pipe 48.48 m to 69.83 m
			36.16	200 m. m. Dia Blind Pipe 69.83 m to 76.05 m
			39.26	200 m. m. Dia Slotted Pipe 76.05 m to 82.14 m
44.00 M		M. Sand	42.26	200 m. m. Dia Blind Pipe 82.14 m to 88.36 m
47.00 M		Yellow fine sand	48.48 m. m. Dia Pipe m to m
			 m. m. Dia Pipe m to m
		M. Sand	 m. m. Dia Pipe m to m
70.50 M		Clay	69.83	Total Assembly 88.76 m
75.00 M			76.05	
88.00 M		M. Sand	82.14	
			88.36	
		Clay		
100.00 M		Clay		

ABSTRACT

1. Drilling Started on 22-8-08
 2. Drilling Completed on 29-8-08
 3. Assembly Lowered on 30-8-08
 4. Drilling Depth 100 m
 5. Assembly Lowered 88.76 m
- Housing Pipe 300 m. m. dia 36.56 m
- Blind Pipe 200 m. m. dia 21.66 m
- Slotted Pipe 200 m. m. dia 30.44 m

As Executed

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

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

Countersigned

(J. E.)

Representative

J. E.

A. E.

Executive Engineer

432

YIELD TEST REPORT

S. W. L. 5.00 Taste of Water SWEET V. Notch/Office 6 1/2 x 5 1/2 Date of test 22-9-08

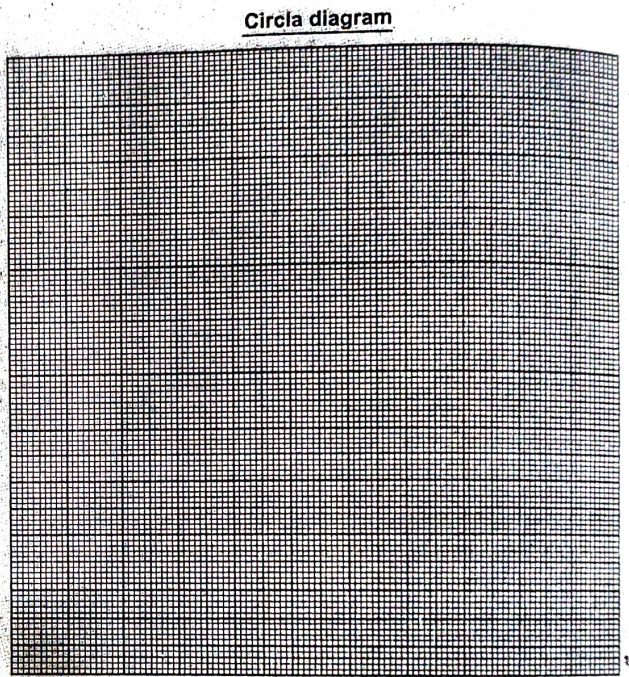
V Notch /Office Reading	Discharge in L. P. M.	R. W. L. In Mts.	Depression In Mts.	SAND CONTENT IN PPM					
				Starting	5 Min	10 Min	15 Min	20 Min	30 Min
10"	1477	7.30	2.30	25	Cl	Cl	Cl	Cl	Cl
12"	1610	7.65	2.65	75	Tr	Cl	Cl	Cl	Cl
16"	1856	8.10	3.10	175	100	50	Tr	Cl	Cl
25"	2310	8.85	3.85	350	250	175	100	50	Tr
30"	2538	9.25	4.25	450	300	200	125	100	50

Recommended 1600 L.P.M. discharge at 2.65 mts depression 3.6

VERTICALITY TEST REPORT

DIA OF Disc TOTAL HOUSING DATE OF TEST
Height of Suspension ...

DEPTH of Disc	Observed Deviation MM				
	MBGL	E	W	N	S



CLEAR SPACE At At At

C20 MLD WATER TREATMENT LAB, PRATAP VIHAR, CHAZIABAD

WATER TEST RESULTS

AGENCY:	REF: H.M. 495 Dated 29-09-2008
1. Turbidity N.T.U. 0.6	10. Magnesium (as Mg) Mg/l 21
2. pH 7.6	11. Iron (as Fe) Mg/l 0.05
3. Total dissolved Solids Mg/l 400	
4. Total Hardness (as CaCO ₃) Mg/l 200	
5. Chlorides (as Cl ₂) Mg/l 32	
6. Sulphates (as SO ₄) Mg/l 60	
7. Fluorides (as F ₂) Mg/l 0.5	
8. Nitrate (as NO ₃) Mg/l 3	
9. Calcium (as Ca) Mg/l 45	

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