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

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

Type of Rig m/c R.C. 600/27' Size of Bore 657X600mm S.W.L. 3.05 Mts.

Agency Departmental

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
C.L. 3.00M.		Surface clay	AGL-038M	350 m. m. Dia Housing pipe 0.3814m to 36.30m"
				350x200 m. m. Dia Reducer 36.30 m to 36.45 m"
		M. Sand		200 m. m. Dia Blind Pipe 36.45 m to 42.60 m"
				200 m. m. Dia Slotted Pipe 42.60 m to 50.26 m"
24.00M. 28.00M.		clay		200 m. m. Dia Blind Pipe 50.26 m to 54.71 m"
31.00M.		Fine sand		200 m. m. Dia Slotted Pipe 54.71 m to 59.46 m"
		Fine yellow sand		200 m. m. Dia Blind Pipe 59.46 m to 65.56 m"
40.00M.		Fine to M. Sand with Sand Stone		200 m. m. Dia Slotted Pipe 65.56 m to 79.60 m"
				200 m. m. Dia Blind Pipe 79.60 m to 83.96 m"
51.00M. 54.00M.		sandy clay		200 m. m. Dia Slotted Pipe 83.96 m to 88.52 m"
		M. Sand		200 m. m. Dia Blind Pipe 88.52 m to 94.79 m"
60.50M. 65.00M.		clay	 m. m. Dia Pipe m to m"
		M. Sand		Total Assembly 95.17 m"
80.25M.				
83.00M.		clay		
89.00M.		M. Sand		
		clay		
105.00M.				

ABSTRACT

1. Drilling Started on 8-2-09
 2. Drilling Completed on 16-2-09
 3. Assembly Lowered on 16-2-09
 4. Drilling Depth 105.00 m
 5. Assembly Lowered 95.17 m
- Housing Pipe 350 m. m. dia 36.68 m
- Blind Pipe 200 m. m. dia 27.33 m
- Slotted Pipe 200 m. m. dia 31.01 m

As Executed

R Jain
(R.C. JAIN)

Representative

J. E.

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

A. E.

Countersigned

Jain
Executive Engineer

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YIELD TEST REPORT

S. W. L. 3.05M		Taste of Water SWEET		V - Notch/Office 8" X 6"	Date of test 4-3-09				
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"	1733	5.30	2.25	Tr	Cl	Cl	Cl	Cl	Cl
9"	1828	5.65	2.60	25	Tr	Cl	Cl	Cl	Cl
12"	2108	6.60	3.55	200	100	50	Tr	Cl	Cl
16"	2407	7.55	4.50	350	200	150	100	50	Tr
18"	2544	8.00	4.95	450	300	200	150	100	50

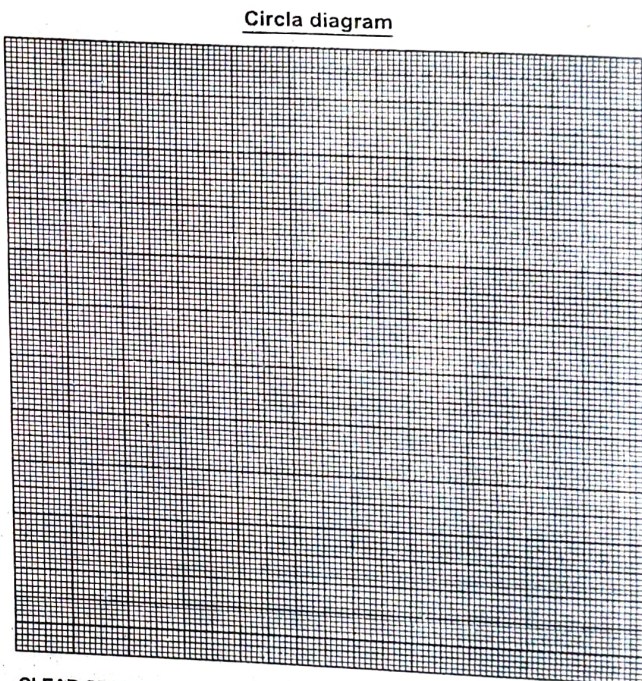
Recommended 1800 L.P.M. discharge at 2:60 mts depression 3.50 3 mm J.E. R.E.

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 Pratabrihar Anazia Bad AGENCY REF :- H.M-599 Dated 6-3-2009

WATER TEST RESULTS

1. Turbidity NTU 0.3	10. Magnesium (as mg) mg/l 18.4
2. PH 7.50	11. Iron (as Fe) mg/l 0.03
3. Total dissolved Solids mg/l 400	
4. Total hardness (as CaCO ₃) mg/l 228	
5. Chlorides (as Cl ₂) mg/l 30	
6. Sulphate (as SO ₄) mg/l 28	
7. Fluoride (as F ₂) mg/l 0.5	
8. Nitrate (as NO ₃) mg/l 2	
9. Calcium (as Ca) mg/l 61	

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