



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

at **MANGLORE**

DISTRICT

BSR

Completion Plan of Tw. No.

Type of Rig m/c..... **R.C. RIG**

Size of Bore **500/450 mm** S.W.L. **10.70** Mts

Agency..... **RENTAL RIG**

Depth B.G.L Meter	Boring Chart	Stratum	Lowered Assembly AGL 30 CM.	ASSEMBLY DETAILS
GL				200 m. m. Dia Housing pipe 0.30 MAGL to 38.00 MBSL
5.00		SURFACE CLAY		200/150 m. m. Dia Reducer..... 38.00..... m to 38.15 M
		MED. SAND		150 m m. Dia Blind Pipe 38.15..... m to 71.35 m
15.00		CLAY		150 m m. Dia Slotted Pipe 71.35..... m to 89.43 m
16.50		FINE TO MED. SAND		150 m. m. Dia Blind Pipe 89.43..... m to 92.53 m
				BAIL PLUG
33.00		CLAY	38.00 38.15	m. m. Dia..... Pipe..... m to..... m
				m. m. Dia..... Pipe..... m to..... m
48.00		FINE TO MED. SAND		m. m. Dia..... Pipe..... m to..... m
54.00		CLAY		m. m. Dia..... Pipe..... m to..... m
63.00		FINE TO MED. SAND		m. m. Dia..... Pipe..... m to..... m
66.00		CLAY	71.35	m. m. Dia..... Pipe..... m to..... m
70.00		MED. SAND		Total Assembly..... 92.83 m
		SANDY CLAY	89.43 92.53	
92.00				
100.00				

ABSTRACT

1. Drilling Started on.....
 2. Drilling Completed on..... 11.10.06
 3. Assembly Lowered on..... 11.10.06
 4. Drilling Depth..... 100.00 m
 5. Assembly Lowered..... 92.83 m
- Housing Pipe..... 200..... m. m. dia..... 38.30 m
- Blind Pipe..... 150..... m. m. dia..... 36.30 m
- Slotted Pipe..... 150..... m. m. dia..... 18.08 m

As Executed

Representative

(R.C. JAIN) J. E.
(G.D. KHANDELWAL) A. E.

Countersigned

(NAVIN CHAND)
Executive Engineer

YIELD TEST REPORT

S.W.L. 10.70 m Taste of Water... SWEET V-Notch/Orifice 100x7.5 mm. Date of test. 30.10.06

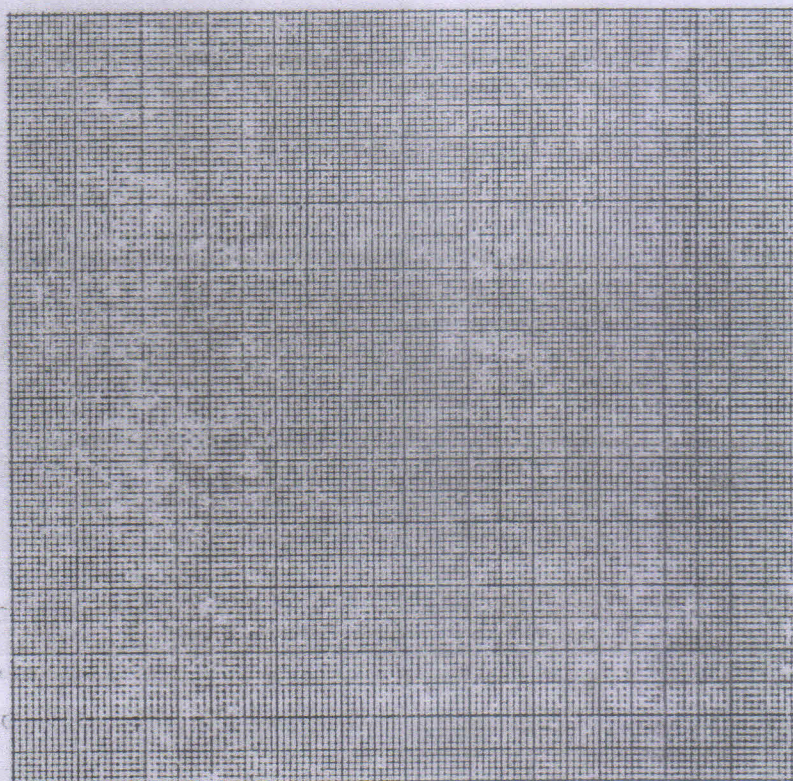
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Recommended...700 LPM discharge at.....2.80..... mts depression

VERTICALITY TEST REPORT

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

Circle diagram

[illegible]

CLEAR SPACE At
 At
 At

WATER TEST RESULTS

AGENCY 120 MLD WATER TREATMENT PLANT (GANGAJAL) LAB REF:- H.M-76 DT. 8.11.2006

TURBIDITY	0.7 NTU	CALCIUM	(As Ca) 42 mg/l
pH	7.74	MAGNESIUM	(As Mg) 26 "
T.D.S.	396	IRON	(As Fe) 0.062 "
TOTAL HARDNESS (As CaCO ₃)	212 mg/l		
CHLORIDES (As Cl)	18 "		
SULPHATES (As SO ₄)	10 "		
FLUORIDES (As F)	Not detectable "		
NITRATES (As NO ₃)	1.38 "		

~~Dr. H. L. Smith~~

(R.C. JAIN)

A F

Executive Engineer