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

Completion Plan of Tw. No..... at REWRA REWRI DISTRICT G'BAD

Type of Rig m/c..... R.C. RIG ..... Size of Bore 550/450mm S.W.L 12:00 Mts

Agency..... RENTAL .....

Depth B.G.L Meter	Boring Chart	Stratum	Lowered Assembly
GL.			AGL 30 cm
6·00		SURFACE CLAY	
		CLAY	
30·00			
33·00		FINE SAND	
40·00		CLAY	40·50
42·00		SANDY CLAY	40·65
		FINE SAND	
52·00			
		FINE to MED. SAND	58·65
77·20			76·75
82·00		CLAY	82·80
89·30		FINE to MED. SAND	88·80
		CLAY	94·86
110·00			

ASSEMBLY DETAILS

200	m. m. Dia	Housing pipe	0·30 MAGL	to	40·50 MBGL
200/150	m. m. Dia	Reducer	40·50	m to	40·65 M "
150	m m. Dia	Blind Pipe	40·65	m to	58·65 m "
150	m m. Dia	Slotted Pipe	58·65	m to	76·75 m "
150	m. m. Dia	Blind Pipe	76·75	m to	82·80 m "
150	m. m. Dia	Slotted Pipe	82·80	m to	88·80 m "
150	m. m. Dia	Blind Pipe	88·80	m to	94·86 m "
	m. m. Dia	BAIL PLUG 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 ..... 95·16 m

ABSTRACT

1. Drilling Started on .....
2. Drilling Completed on ..... 28·8·06
3. Assembly Lowered on ..... 28·8·06
4. Drilling Depth ..... 110·00 m
5. Assembly Lowered ..... 95·16 m

Housing Pipe ..... 200 ..... m. m. dia ..... 40·80 m

Blind Pipe ..... 150 ..... m. m. dia ..... 30·11 m

Slotted Pipe ..... 150 ..... m. m. dia ..... 24·10 m

As Executed

Representative

(R. C. JAIN) J. E.

(A. K. GUPTA) A. E.

Countersigned

(NAVIN CHAND) Executive Engineer

YIELD TEST REPORT

S.W.L. 12.00 m Taste of Water Sweet ~~V-Notch~~/Orifice 4"X3" Date of test 25.9.06

V-Notch /Orifice Reading	Discharge in L.P.M.	R.W.L in Mts.	Depression in Mts.	SAND CONTENTS IN PPM					
				Starting	5 Min	10 Min	15 Min	20 Min	30 Min
10"	500	14.75	2.75	50	Tr.	cl.	cl.	cl.	cl.
12"	549	15.00	3.00	75	20	Tr.	cl.	cl.	cl.
14"	590	15.25	3.25	100	50	Tr.	Tr.	cl.	cl.
18"	674	15.70	3.70	150	100	50	Tr.	Tr.	Tr.
22"	712	16.10	4.10	250	150	100	50	Tr.	Tr.

Recommended 550 L.P.M. discharge at 3.0 mts depression

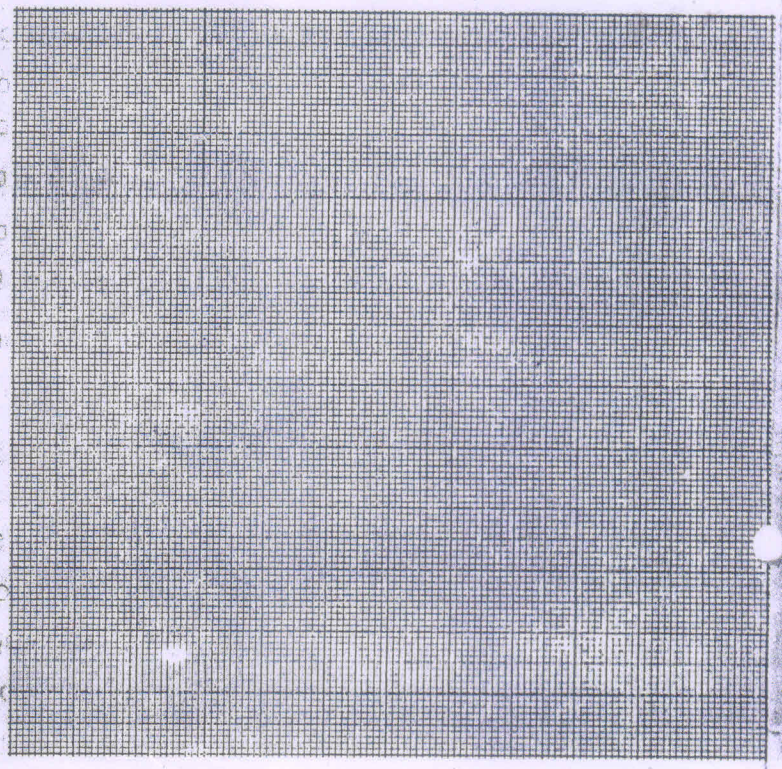
VERTICALITY TEST REPORT

DIA OF Disc ..... TOTAL HOUSING ..... DATE OF TEST .....

Height of Suspension ...

DEPTH of Disc MBGL	Observed Deviation MM E	W	N	S

Circle diagram



CLEAR SPACE ..... At .....

..... At .....

..... At .....

WATER TEST RESULTS

AGENCY 120 MLD WATER TREATMENT PLANT (GANGA JAL) LAB REF :- HM-29 DT. 08.10.2006

PRATAP VIHAR, GHAZIABAD

TURBIDITY	3.2 N.T.U	CALCIUM (As Ca)	37 mg/l
pH	7.68	MAGNESIUM (As Mg)	28 "
T.D.S.	504	IRON (As Fe)	0.18 "
TOTAL HARDNESS (As CaCO3)	208 mg/l		
CHLORIDES (As Cl)	22 "		
SULPHATES (As SO4)	22 "		
FLUORIDES (As F)	Not detectable		
NITRATES (As NO3)	2.3 "		

Draught'sman (S.C. SINGHAL) J.E. A.E. Executive Engineer