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

Completion Plan of Tw. No. ..... at NIYAZPUR KHAIYA DISTRICT G'BAD

Type of Rig m/c R.C. RIG Size of Bore 450 mm S.W.L. 4.50 m Mts

Agency .....

Depth B.G.L Meter	Boring Chart	Stratum	Lowered Assembly AGL 25cm
G.L.			
5.00		SANDY CLAY	
		YELLOW SAND	
17.50		CLAY	
27.40		VERY FINE SAND	
42.00		CLAY	
46.50		MEDIUM SAND	47.92
			66.16
68.00		CLAY	72.21
88.00			

ASSEMBLY DETAILS

150 m. m. Dia Housing pipe 0.25 AGL to 47.92 MBGL

X m. m. Dia Reducer X m to X M

150 m m. Dia Slotted Pipe 47.92 m to 66.16 m

150 m m. Dia Blind Pipe 66.16 m to 72.21 m

BAIL PLUG

..... 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

..... m. m. Dia ..... Pipe ..... m to ..... m

..... m. m. Dia ..... Pipe ..... m to ..... m

..... m. m. Dia ..... Pipe ..... m to ..... m

Total Assembly ..... 72.46 m

ABSTRACT

1. Drilling Started on .....
2. Drilling Completed on 03.9.06
3. Assembly Lowered on 03.9.06
4. Drilling Depth ..... 88.00 m
5. Assembly Lowered ..... 72.46 m

Housing Pipe 150 m. m. dia 48.17 m

Blind Pipe 150 m. m. dia 6.05 m

Slotted Pipe 150 m. m. dia 18.24 m

As Executed Representative

(R.C. JAIN) J. E.

(A.K. GUPTA) A. E.

Countersigned

(NAVIN CHAND) Executive Engineer

300 m.m. Dia Housing pipe

YIELD TEST REPORT

S.W.L. .....4.50 m... Taste of Water....Sweet.....V-Notch/Orifice DRUM 200 l. Date of test 6.10.06

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
70 सैकेंड	171	7.50	3.00	40	Tr.	cl.	cl.	cl.	cl.
60 "	200	8.00	3.50	50	Tr.	cl.	cl.	cl.	cl.
52 "	230	8.50	4.00	75	50	20	Tr.	cl.	cl.
43 "	279	9.10	4.60	100	75	50	20	Tr.	cl.
37 "	324	9.70	5.20	125	100	75	50	20	Tr.

Recommended...200 L.P.M discharge at.....3.50..... mts depression

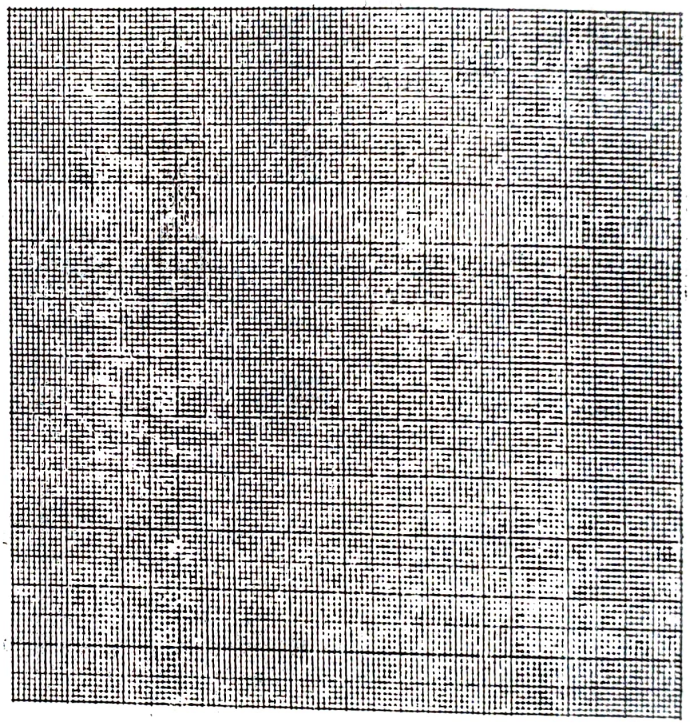
VERTICALITY TEST REPORT

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-49 Dated 17.10.2006
PRATAP VIHAR GHAZIABAD

TURBIDITY	0.7 NTU	CALCIUM (As Ca)	37.00 mg/l
pH	7.78	MAGNESIUM (As Mg)	13.50 "
T.D.S.	228	IRON (As Fe)	0.064 "
TOTAL HARDNESS (As CaCO3)	148 mg/l		
CHLORIDES (As Cl)	8 "		
SULPHATES (As SO4)	6 "		
FLUORIDES (As F)	Not Detectable		
NITRATES (As NO3)	0.28 "		

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