(10) 368

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

Completion Plan of Tw. No. ..... at BARKHERA HASANGARHI DISTRICT BSR.

Type of Rig m/c ..... R.C. RIG ..... Size of Bore ..... S.W.L. 6.20 Mts

Agency P.M. C&D.S. E&M NALKOOP WING U.P. JAL NIGAM, NOIDA

Depth B.G.L Meter	Boring Chart	Stratum	Lowered Assembly
G.L.			AGL 60 cm
3.00		SURFACE CLAY	
		FINE SAND	
20.80		SANDY CLAY	
30.00		FINE SAND MIXED KANKAR	
59.45		FINE to MED. SAND WITH SAND STONE	60.65
			75.98
76.50		CLAY KANKAR	79.05
82.30		VERY FINE SAND KANKAR MIXED	
95.00			

ASSEMBLY DETAILS

150 m. m. Dia Housing pipe 0.60 MAGL to 60.65 MBGL

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

150 m m. Dia Slotted Pipe 60.65 m to 75.98 m

150 m m. Dia Blind Pipe 75.98 m to 79.05 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

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

Total Assembly ..... 79.65 m

ABSTRACT

1. Drilling Started on 11.10.06
2. Drilling Completed on 15.10.06
3. Assembly Lowered on 16.10.06
4. Drilling Depth ..... 95.00 m
5. Assembly Lowered ..... 79.65 m

Housing Pipe ..... 150 ..... m. m. dia ..... 61.25 ..... m

Blind Pipe ..... 150 ..... m. m. dia ..... 3.07 ..... m

Slotted Pipe ..... 150 ..... m. m. dia ..... 15.33 ..... m

As Executed

Sd/-

Representative (BRIJENDRA SINGH) J. E. (GD KHANDELWAL) A. E.

Countersigned

Sd/-

(V.K. SHARMA)
P.M. C&DS (E&M)
U.P. JALNIGAM
NOIDA

YIELD TEST REPORT

S.W.L. 6.20 m ..... Taste of Water ....Sweet..... V-Notch/Orifice ..... Date of test 30.10.06

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
	500	7.60	1.40	200	100	50	Tr.	cl.	cl.
	350	7.45	1.25	150	50	Tr.	cl.	cl.	cl.
	200	7.30	1.10	50	Tr.	cl.	cl.	cl.	cl.

Recommended .....200 L.P.M discharge at ..1.10..... mts depression

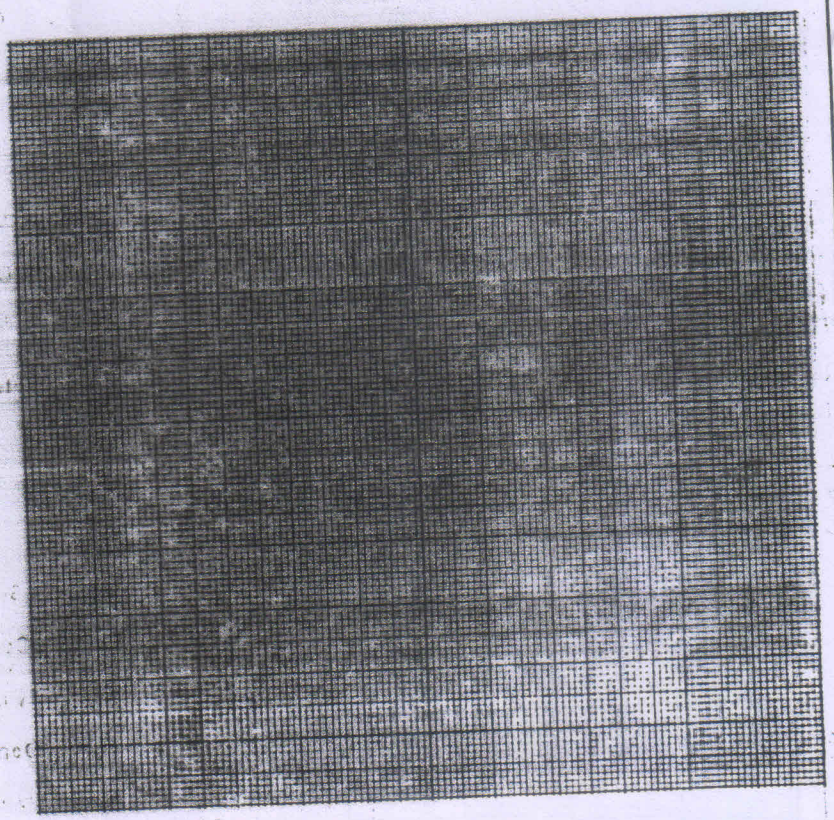
VERTICALITY TEST REPORT

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. PRATAP VIHAR GHAZIABAD REF :- HM-70 Dt. 6.11.2006

TURBIDITY	0.5 NTU	CALCIUM (As Ca)	40 mg/l
pH	7.57	MAGNESIUM (As Mg)	17.5 "
T.D.S.	372	IRON (As Fe)	0.043 "
TOTAL HARDNESS (As $CaCO_3$)	172 mg/l		
CHLORIDES (As cl)	40 "		
SULPHATES ($As SO_4$)	42 "		
FLUORIDES (As F)	Not detectable		
NITRATES ($As NO_3$)	2.5 "		

Draughtsman

sd/-
(BRIJENDRA SINGH)
J.E.

A.E.

sd/-
(V.K. SHARMA)
PM/Executive Engineer