



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

Completion Plan of T W No. 01 at KALONDA DISTRICT G.B. NAGAR

Type of Rig mic R.C. 600/27' Size of Bore 675X550mms.w.l. 4.70 Mts.

Agency M/S. AJAY KUMAR SANDEEP KUMAR, SAHARANPUR.

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.38M A.G.L.	300 m. m. Dia Housing pipe 0.38 m to 35.90 m
G.L.		SURFACE SOIL		300 m. m. Dia Reducer 35.90 m to 36.05 m
		SANDY CLAY		150 m. m. Dia Blind Pipe 36.05 m to 42.10 m
16.50M		CLAY		150 m. m. Dia Slotted Pipe 42.10 m to 54.19 m
18.90M		FINE SAND		150 m. m. Dia Blind Pipe 54.19 m to 62.25 m
31.90M		CLAY		150 m. m. Dia Slotted Pipe 62.25 m to 74.40 m
39.70M		M. SAND		150 m. m. Dia Blind Pipe 74.40 m to 83.44 m
				150 m. m. Dia Slotted Pipe 83.44 m to 86.47 m
54.80M		CLAY		150 m. m. Dia Blind Pipe 86.47 m to 104.59 m
60.50M		M. SAND		150 m. m. Dia Slotted Pipe 104.59 m to 107.63 m
				150 m. m. Dia Blind Pipe 107.63 m to 113.63 m
75.00M		CLAY		Total Assembly <u>114.01</u> m
82.60M		M. SAND		
85.50M		CLAY		
103.60M		M. SAND		
108.00M		CLAY		
120.00M				

### ABSTRACT

1. Drilling Started on 09-07-2013
  2. Drilling Completed on 15-07-2013
  3. Assembly Lowered on 18-07-2013
  4. Drilling Depth 120.00 m.
  5. Assembly Lowered 114.01 m.
- Housing Pipe 300 m. m. dia 36.28 m  
 Blind Pipe 150 m. m. dia 47.27 m  
 Slotted Pipe 150 m. m. dia 30.31 m

As Executed

Countersigned

Representative

J. E.

A. E.

Executive Engineer

*(Signature)*  
(GANESH KUMAR)

*(Signature)*  
(A.K. GUPTA)

*(Signature)*  
(RAKESH KUMAR)

### YIELD TEST REPORT

S.W.L. 470 M Taste of Water SWEET V Notch/Office 6" x 4" Date of test 14-10-2013

V Notch /Orifice Reading	Discharge in L P M	F.W.L. in Mts	Depression in Mts	SAND CONTENT IN PPM					
				Starting	5 Min	10 Min	15 Min	20 Min	30 Min
14"	901	8.40	3.70	80	20	Tr.	Tr.	U.	U.
18"	1015	9.10	4.40	150	50	20	Tr.	U.	U.
20"	1072	9.65	4.95	250	150	100	80	30	Tr.
30"	1325	11.20	6.50	500	300	200	100	80	30
50"	1704	13.55	8.85	800	500	400	250	150	100
2119   V-8   67 दिनांक 21-10-2013									

Recommended 1000 LPM. discharge at 4.40 mts depression

*Canal*  
J.E. A.E.

### VERTICALITY TEST REPORT

DIA OF Disc

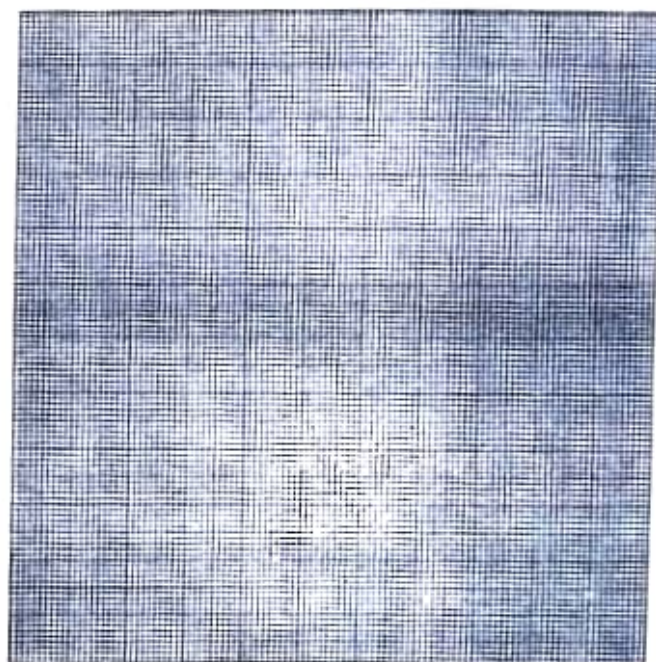
TOTAL HOUSING

DATE OF TEST

Height of Suspension

Circle diagram

DEPTH of Disc MBGL	Observed Deviation MM			
	E	W	N	S



CLEAR SPACE

At  
At  
At

AGENCY

2123 | V-8 | 68 Date 23-10-2013

C120 MLD WATER TREATMENT

### WATER TEST RESULTS

LAB, PRATAP VIHAR, GHAZIABAD

REF :- H.M. 1125

DATED 17-10-2013

1 TURBIDITY	NTU	0.7	10 MAGNESIUM (as mg) mg/l	19.4
2 PH		8.2	11 IRON (as Fe) mg/l	0.06
3 TOTAL DISSOLVED SOLIDS mg/l		430	12. Free Residual chlorine mg/l	NIL
4 TOTAL HARDNESS (as CaCO3) mg/l		196		
5 CHLORIDES (as Cl) mg/l		29		
6 SULPHATES (as SO4) mg/l		38		
7 FLUORIDES (as F) mg/l		0.4		
8 NITRATES (as NO3) mg/l		5		
9 CALCIUM (as Ca) mg/l		46.5		

*[Signature]*  
Draftsman's Signature

*[Signature]*  
J.E.

*[Signature]*  
A.E.

*[Signature]*  
Executive Engineer