



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

17/15

666

Completion Plan of T W No. 01 at CHHAPKAULI DISTRICT HAPUR

Type of Rig m/c 600X27' Size of Bore 675X600 m.m. S.W.L.          Mts.

Agency M/S. A.S.I. ENTERPRISES 480/2 PRABHAT NAGAR, MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.50M A.C.L.	300x200 Housing pipe 0.50M A.C.L. to 41.35 m"
GL.		CLAY		200 m. m. Dia Reducer 41.35 m to 41.50 m"
12.00M				200 m. m. Dia Blind pipe 41.50 m to 51.80 m"
				200 m. m. Dia Slotted pipe 51.80 m to 57.82 m"
		FINE SAND WITH RANER		200 m. m. Dia Blind pipe 57.82 m to 61.32 m"
				200 m. m. Dia Slotted pipe 61.32 m to 79.41 m"
39.00M		SAND CLAY		200 m. m. Dia Slotted pipe 79.41 m to 95.61 m"
				200 m. m. Dia Blind pipe 95.61 m to 104.65 m"
50.00M		M. SAND		300 m. m. Dia pipe m to m"
58.30M		CLAY		57.32M m. m. Dia pipe m to m"
60.00M				61.32M m. m. Dia pipe m to m"
		MEDIUM SAND		Total Assembly <u>111.15</u> m"
80.00M		SANDY CLAY		79.41M
95.00M		MEDIUM SAND		95.61M
105.00M				104.65M
				110.65M
120.00M				

### ABSTRACT

1. Drilling Started on 08-05-2015
  2. Drilling Completed on 13-05-2015
  3. Assembly Lowered on 14-05-2015
  4. Drilling Depth 120.00 m.
  5. Assembly Lowered 111.15 m.
- Housing Pipe 300 m. m. dia 41.85 m  
Blind Pipe 200 m. m. dia 36.00 m  
Slotted Pipe 200 m. m. dia 33.15 m

As Executed

*Ajay*

Representative

*P.K.*  
(PREMSINGH KUSHWAHA) (R.C.JAIN)

J. E.

*R.K.*

(R.C.JAIN)

A. E.

Countersigned

*R.K.*  
(RAKESH KUMAR)

Executive Engineer

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### TEST REPORT BY COMPRESSOR

Date of Test 20-05-2015

Static W/L 13.00

Taste of Water SWEET

Discharge by V. Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	60 Min.	Continuity Recovered
7"	1165	300	250	200	1500	50		PLA grave / Hot going boyz.
7 1/2"	1332	350	300	250	100	100		
8"	1607	400	300	300	100	100		

J. E. A. E. C/S  
E. E.

### YIELD TEST REPORT

L. No. 1103 1V-8 1101 Dt. 01-06-2015

S.W.L. 13.00 Taste of Water SWEET Date of Test 31-05-2015

V Notch / Orifice Reading	Discharge In L. P. M.	R. W. L. In Mts.	Depression In Mts.	SAND CONTENTS					
				Starting	5 Min.	10 Min.	15 Min.	20 Min.	30 Min.
20"	1078	17.10	4.10	30	Tr.	Cl.	Cl.	Cl.	Cl.
25"	1200	17.50	4.50	50	Tr.	Cl.	Cl.	Cl.	Cl.
35"	1419	18.10	5.10	80	50	20	Tr.	Cl.	Cl.
45"	1608	18.50	5.50	200	80	60	30	20	10
55"	1775	19.10	6.10	300	150	100	40	30	10

Recommended 1200 LPM discharge at 4.50 mts. depression. J. E. A. E. C/S E. E.

### WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No. 1263 1V-8 1136 DATED 17-06-2015

1. TURBIDITY.....	NTU 0.9	10. MAGNESIUM (as mg) mgl. ....	10.6
2. PH.....	8.47	11. IRON (as Fe) mgl. ....	0.12
3. TOTAL DISSOLVED SOLIDS mgl. ....	290	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl. ....	100		
5. CHLORIDES (as CL) mgl. ....	27		
6. SULPHATES (as So4) mgl. ....	35		
7. FLUORIDES (as F) mgl. ....	0.3		
8. NITRATES (as No3) mgl. ....	Nil		
9. CALCIUM (as Ca) mgl. ....	22.4		

Draught's Signature J. E. A. E. Executive Engineer