



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

Completion Plan of T W No. 01 at SHARIE PUR.. DISTRICT ..HAPUR

Type of Rig m/c R.C. 600/27' Size of Bore 550X450MM:S.W.L. ....Mts.

Agency M/S A.S.L ENTERPRISES 4802 PRABHAT NAGAR MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.50M AGL	250 m. m. Dia Housing pipe 0.50M AGL to 35.67 m
01.00M		CLAY		150 m. m. Dia Reducer 35.67 m to 35.82 m
02.00M		M. SAND		150 m. m. Dia Blind pipe 35.82 m to 41.89 m
03.00M		CLAY		150 m. m. Dia Slotted pipe 41.89 m to 47.94 m
04.00M		MEDIUM SAND		150 m. m. Dia Blind pipe 47.94 m to 50.99 m
05.00M		CLAY		150 m. m. Dia Slotted pipe 50.99 m to 57.03 m
06.00M		YELLOW SAND		150 m. m. Dia Blind pipe 57.03 m to 63.13 m
07.00M		CLAY		150 m. m. Dia Slotted pipe 63.13 m to 75.17 m
08.00M		M. SAND		150 m. m. Dia Blind pipe 75.17 m to 78.17 m
09.00M		CLAY		150 m. m. Dia Slotted pipe 78.17 m to 90.22 m
10.00M		M. SAND		150 m. m. Dia Blind pipe 90.22 m to 96.33 m
11.00M		CLAY		150 m. m. Dia pipe ..... m to ..... m
12.00M		MEDIUM SAND		Total Assembly <b>96.83</b> m
13.00M		CLAY		
14.00M		M. SAND		
15.00M		CLAY		
16.00M		M. SAND		
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**ABSTRACT**

1. Drilling Started on 23-03-2014
  2. Drilling Completed on 30-03-2014
  3. Assembly Lowered on 31-03-2014
  4. Drilling Depth 105.00 m.
  5. Assembly Lowered 96.83 m.
- Housing Pipe 250 m. m. dia 36.17 m  
 Blind Pipe 150 m. m. dia 24.33 m  
 Slotted Pipe 150 m. m. dia 36.18 m

As Executed  
**Ajay**  
Representative

**(NARESH KUMAR)**  
J. E.

**(R.C. JAIN)**  
A. E.

Countersigned  
**(RAKES KUMAR)**  
Executive Engineer

# TEST REPORT BY COMPRESSOR

Date of Test 07-04-2014 Static W/L: 8.50 M.

Discharge by V. Notch		Sand Contents						Taste of Water	Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	60 Min.	<u>SWEET</u>	
5"	487.56	800	700	600	500	400			
6"	768	1000	850	650	550	450			
7"	1137	1500	1200	1000	800	700			

M  
J. E.

Ryan  
A. E.

C/S  
✓  
E. E.

## YIELD TEST REPORT

L. No. 754 v-8 1140 Dt. 22-4-14  
S.W.L. 8.50 M. Taste of Water SWEET Date of Test 18-04-2014

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.
8"	685	12.60	4.10	30	10	Cl.	Cl.	Cl.	Cl.
8½"	710	13.00	4.50	50	Tr.	Cl.	Cl.	Cl.	Cl.
11"	813	13.60	5.10	100	50	30	20	Tr.	Cl.
14"	919	14.00	5.50	200	80	60	30	20	10
24"	1173	14.80	6.30	300	150	100	40	30	10

Recommended 700 LPM discharge at 4.50 mts. depression.

M  
J. E.

Ryan  
A. E.

C/S  
✓  
E. E.

## WATER SAMPLE TEST RESULTS

AGENCY  
C120 MLD WATER TREATMENT  
LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No.9961 v-8 1172 DATED 30-05-2014

1. TURBIDITY.....	NTU.....	0.5	10. MAGNESIUM (as mg) mgl. ....	10.6
2. PH.....		8.43	11. IRON (as Fe) mgl. ....	0.08
3. TOTAL DISSOLVED SOLIDS mgl. ....		416	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl. ....		104		
5. CHLORIDES (as CL) mgl. ....		62		
6. SULPHATES (as So4) mgl. ....		75		
7. FLUORIDES (as F) mgl. ....		0.4		
8. NITRATES (as No3) mgl. ....		5		
9. CALCIUM (as Ca) mgl. ....		24		

Sell  
Draught's Signature

M  
J. E.

Ryan  
A. E.

✓  
Executive Engineer