



44/EE/13-14      35714      626

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

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

Type of Rig m/c RC-600/27' Size of Bore 675x450 S.W.L. 9.00 Mts.

Agency M/S PIONEER DRILLING CO. PVT. LTD. VAISHALI, GHAZIABAD

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly
G.L.			0.45 Meters
6.00M		SURFACE CLAY	
19.00M		FINE TO M. SAND	
22.00M		CLAY	
23.15M		FINE SAND	
28.00M		CLAY, KANKER	
		M.SAND	
36.50M			
		CLAY	
47.00M			
		MEDIUM SAND	
60.50M			
		CLAY, KANKER	
		HARD STONE	
89.00M			
		MEDIUM SAND	
106.00M			
		CLAY, KANKER	
120.00M			

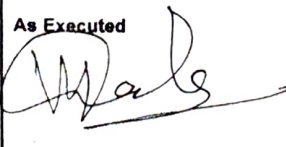
### ASSEMBLY DETAILS

300	m. m. Dia Housing pipe	0.45 Meters to 29.69m
300	m. m. Dia Reducer	29.60 m to 29.75 m
150	m. m. Dia Blind pipe	29.75 m to 32.75 m
150	m. m. Dia Slotted pipe	32.75 m to 35.77 m
150	m. m. Dia Blind pipe	35.77 m to 47.83 m
150	m. m. Dia Slotted pipe	47.83 m to 59.87 m
150	m. m. Dia Blind pipe	59.87 m to 90.00 m
150	m. m. Dia Slotted pipe	90.00 m to 105.10 m
150	m. m. Dia Blind pipe	105.10 m to 111.61 m
Total Assembly ..... 111.61 ..... m		

### ABSTRACT

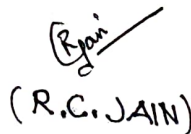
1. Drilling Started on 01-05-2014
  2. Drilling Completed on 13-05-2014
  3. Assembly Lowered on 14-05-2014
  4. Drilling Depth ..... 120.00 ..... m.
  5. Assembly Lowered ..... 111.61 ..... m.
- Housing Pipe ..... 300 ..... m. m. dia 30.05 m  
 Blind Pipe ..... 150 ..... m. m. dia 51.25 m  
 Slotted Pipe ..... 150 ..... m. m. dia 30.16 m

As Executed

  
 (PREM SINGH KUSHWAH)

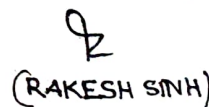
Representative

J. E.

  
 (R.C. JAIN)

A. E.

Countersigned

  
 (RAKESH SINGH)

Executive Engineer

### TEST REPORT BY COMPRESSOR

Date of Test 21-05-2014      Static W/L 9.00      Taste of Water Normal

Discharge by V. Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	60 Min.	
7"	1165	300	250	200	150	50		Continuity Recovered
7 1/2"	1332	350	300	250	100	100		Paas gyaal
8"	1607	400	300	300	100	100		Not coming boya

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

### YIELD TEST REPORT

L. No. <sup>1029</sup> 11-8 1176 Dt. 02-06-2014  
 S.W.L. 9.00 M. Taste of Water SWEET Date of Test 31-05-2014

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.
5"	1060	13.10	4.10	40	Tr.	Cl.	Cl.	Cl.	Cl.
7"	1241	13.40	4.40	60	Tr.	Cl.	Cl.	Cl.	Cl.
8"	1325	13.60	4.60	80	30	Tr.	Cl.	Cl.	Cl.
9.5"	1450	14.50	5.50	150	90	30	10	Cl.	Cl.
15"	1817	15.50	6.50	250	150	50	20	5	Cl.

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. / /

DATED

1. TURBIDITY.....	N.T.U. 1.2	10. MAGNESIUM (as mg) mgl. ....	1.6
2. PH.....	8.3	11. IRON (as Fe) mgl. ....	0.07
3. TOTAL DISSOLVED SOLIDS mgl. ....	390	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl. ....	140		
5. CHLORIDES (as CL) mgl. ....	36		
6. SULPHATES (as So4) mgl. ....	47		
7. FLUORIDES (as F) mgl. ....	0.5		
8. NITRATES (as No3) mgl. ....	4		
9. CALCIUM (as Ca) mgl. ....	29.6		

Draught's Signature

J. E.

A. E.

Executive Engineer