

# JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

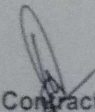
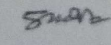

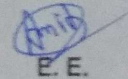
*Yatri*

## Completion Plan of Tube Well

Name of scheme U.G. RAHUL MIS SCHEME Spring water level in Mtrs. 12.80  
 Total No. of tube well provided in the scheme 01 Size of Bore in M.M. 675/550  
 Number & Location of tube-well executed NEAR POND Date of Completion of T.W. 14.7.17  
 Name of contractor M/S. DLF C-17 GANGANAGARI HARIDWAR

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0-00			0.44	
10-00	0.00 - 3.00 3.00 - 5.00 5.00 - 9.00	Surface clay Fine Sand clay	6.04 6.04 6.03	1. Drilling Started <u>18-5-17</u>
20-00	9.00 - 13.00 13.00 - 17.00	Fine Sand clay	6.04 6.04	2. Drilling Completed <u>26-5-17</u>
30-00	17.00 - 21.00 21.00 - 26.00	Fine Sand Sandy clay	6.04 6.03	3. Lowering on <u>30-5-17</u>
40-00	26.00 - 34.00 34.00 - 37.00	Med. Sand Sandy clay	6.04 6.03	4. Drilling Depth <u>156.00</u> M
50-00	37.00 - 53.00	Med. Sand	47.85 48.00	5. 390 mm dia Housing Pipe <u>48.29</u> M
60-00			6.02 6.02 6.03 6.03 1.00	6. 300 mm dia Reducer Pipe <u>0.15</u> M
70-00	53.00 - 72.00	clay	4.18 73.10 77.28	7. 200 mm dia Blind Pipe <u>75.27</u> M
80-00	72.00 - 78.00	Fine Sand	6.02 6.02 6.02	8. 200 mm dia Slotted Pipe <u>25.08</u> M
85-00			4.00	9. Discharge by Compressor <u>1125</u> LPM
90-00				10. Discharge by O.P. Unit <u>1500</u> LPM
95-00	78.00 - 98.00	Sandy clay	6.05 5.98 5.00	11. Remark if any:-
100-00				
105-00				
110-00	98.00 - 117.00	Fine to Med. Sand	99.34 116.37	
115-00				
120-00				
125-00				
130-00	117.00 - 137.00	clay Kalkar	6.03 6.03 6.02 4.00	
135-00				
140-00	137.00 - 143.00	Fine to Med. Sand	3.87 138.45 142.32	
145-00				
150-00	143.00 - 156.00	clay	6.03 148.35	
155-00				
160-00				

Countersigned

  
Contractor
  
J. E.
  
A. E.
  
E. E.

### YIELD TEST OF TW BY COMPRESSOR

Date of Test 2-7-17 Static W/L 12.55 mt. Taste of Water. Sweet

Discharge by V. Notch		Stand Contents In PPM						Remarks
In cm.	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	60 Min	
7"	1125	400	200	50	Tr	Tr	Tr	

Contractor 
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### YIELD TEST REPORT BY O.P. UNIT

Size of orifice 150x125mm. Taste of water Sweet Date of Test 14.7.17

Height of water column in orifice tube (c.m.)	Discharge in L.P.M.	SWL in Mts	RWL in Mts	Depression in Mts	SAND CONTENTS IN P. P. M.							Recommendations.
					Starting	5 Min.	10 Min.	15 M.	20 M.	25 M.	30 M.	
6"	1125	12.50	13.82	1.32	Tr	Tr	el	el	el	el	el	Recommended discharge <u>1500</u> LPM at <u>2.30</u> mt depression.  Recommended Pumping plant discharge <u>1500</u> Lpm.
11"	1550	12.50	14.80	2.30	Tr	Tr	Tr	el	el	el	el	
16"	1875	12.50	15.54	3.04	55	30	Tr	Tr	el	el	el	
25"	2325	12.50	16.78	4.28	75	45	10	Tr	Tr	el	el	
40"	2900	12.50	18.59	6.09	150	60	50	10	Tr	Tr	el	

Contractor 
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### CHEMICAL TEST REPORT

DATE OF TEST 26.7.17 AGENCY EE, FIRST DIV. UPJN, MEEPUT

Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour <u>colourless</u>	Hardness Temp.	Chlorides <u>11</u>		
Nitrates <u>3.10</u>	Copper	Nitride <u>Nil</u>		
PH <u>7.39</u>	Iron <u>0.183</u>	Florides <u>0.265</u>		
Total Solids	Total Alkanity <u>150</u>	Amonia		
T. Dissolved Solids <u>151</u>	Sulphates <u>3.41</u>	Residual chlorine - <u>Nil</u>		
Fixed Solids	Calcium			
Total Hardness (CaCo <sub>3</sub> ) <u>74</u>	Megnecium			
Permanent Hardness	Turbidity <u>1.33</u>			

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