

**OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION (E/M)  
U.P. JAL NIGAM GHAZIABAD  
COMPLETION PLAN OF TUBE WELL WITH DRILLING AND DEVELOPMENT DETAILS**

Name of Scheme - **Pilkhua Nagar Palika Rebores Tube well**

District - **Hapur**

Name of T/W - **Shivaji Nagar T.W.-1**

Name of Contractor/Departmental - **M/s Shobha Ram Premi, Garh Road, Meerut.**

Type of Rig. M/c - **R.C.**

Size of Bore :- **675 x 600 MM**

Spring Water level :- **14.93 M**

Depth in mtr.	Stratum Found (Depth in mtr.)	Boring cum Assembly chart (Depth in mtr.)	Abstract												
GL	Surface Clay xxxxxx 3.05		<p align="center"><b>Abstract</b></p> <ol style="list-style-type: none"> <li>Drilling Started on Dt..... 24.03.2017.....</li> <li>Drilling Completed on Dt..... 30.03.2017.....</li> <li>Lowering on Dt..... 02.04.2017.....</li> <li>Drilling Depth ..... 130.00..... M</li> <li>350. mm dia Plain Housing pipe 39.78 M</li> <li>350x200 mm Dia Reducer ..... 0.15..... M</li> <li>200 mm Dia Plain pipe ..... 24.06..... M</li> <li>200 mm Dia Slotted pipe ..... 21.00..... M</li> <li>Total assembly ..... 84.99..... M</li> <li>Pea gravel after lowering .... 49.50...Cu M</li> <li>During the Development .... 5.3492.. Cu M</li> <li>Total .... 54.8492..Cu M</li> </ol>												
20	Fine to M- Sand Clay 18.29 21.34														
40	Medium Sand Sand + Stone Medium Sand 48.78 51.82 56.40														
60	Clay Medium Sand Fine to M-Sand 67.07 70.12 76.18														
80	Clay														
100	Clay														
120	Clay														
140	Clay														
160	Clay														
180	Clay														
200	Clay														
			<p>LOGGING DATE - .....</p> <p>LOGGING REPORT BY- <b>Dr. R.A. Yadav</b> U.P. Jal Nigam Lucknow</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Zones in Mr. BGL</th> <th>THICKNESS INMr.</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sl. No.	Zones in Mr. BGL	THICKNESS INMr.	Remark	1				2			
Sl. No.	Zones in Mr. BGL	THICKNESS INMr.	Remark												
1															
2															

**(Representative)**  
**M/s Shobha Ram Premi**  
**Meerut**

**(P.S. Kushwaha)**  
**Junior Engineer**

**(D.K. Singh)**  
**Assistant Engineer**

**(R.S. Mishra)**  
**Executive Engineer**

**Note- Not to the Scale**

Letter No. / Vividh-8 / Date:

### YIELD TEST REPORT

Name of Scheme:- Pilkhua Nagar Palika Rebores Tube Well Distt. Hapur Date of test :- 28.04.2017

Name of T/W:- Shivaji Nagar

Taste of water :- Normal


Required discharge as per scheme: - 1200 LPM

Sl. No.	S.W.L.		R.W.L.		Depression in mtr.	Discharge in LPM	Sand Content in P.P.M.				
	in ft.	in mtr.	in ft.	in mtr.			At. St.	At. 5mt.	At. 10 mt.	At. 15 mt.	At. 20 mt.
1.	49	14.93	63.00	19.21	4.28	1800	300	200	100	100	100
2.	49	14.93	60.00	18.29	3.36	1500	200	100	100	10	Tr.
3.	49	14.93	57.00	17.38	2.45	1200	50	Clear	Clear	Clear	Clear


Remark: Recommended discharge 1200 LPM at 2.45mt. Depression.

#### Yield Test Conducted by the following

  
(Representative)  
M/s Shobharam Premi  
Meerut

  
(P.S. Kushwaha)  
Junior Engineer

  
(D.K. Singh)  
Assistant Engineer

  
(R.S. Mishra)  
Executive Engineer

Construction Division (E/M) U.P. Jal Nigam, Ghaziabad.

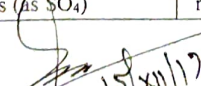
#### CHEMICAL TEST REPORT


Test Agency: Project Manager, Ganga Jal Project Unit, U.P. Jal Nigam Pratap Vihar, Ghaziabad

Test Report No. 662 / Testing / 63 Date- 12.05.2017

Date of Test- 12.05.2017

Sl. No.	Parameters	Expressed as	Analysed Result	Sl. No.	Parameters	Expressed as	Analysed Result	Remark
1	Trubidity	NTU	1.7	7	Fluoride (as F)	mg/l	0.4	All Parameters are under cause of rejection limit
2	pH	--	8.1	8	Nitrate (as NO <sub>3</sub> )	mg/l	5.7	
3	Total Dissolved Solides	mg/l	575	9	Calcium (as Ca)	mg/l	19.2	
4	Total Hardness (as CaCO <sub>3</sub> )	mg/l	166	10	Megnسيوم (as Mg)	mg/l	28.6	
5	Chloride (as Cl)	mg/l	89	11	Iron (as Fe)	mg/l	0.09	
6	Sulphates (as SO <sub>4</sub> )	mg/l	137	12	Residual Chlorine	mg/l	Nil	

  
(Virendra Saraswat)  
Computer

  
(R.S. Mishra)  
Executive Engineer