

JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

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Completion Plan of Tube Well

Name of scheme Khanpur Gajjar

Spring water level in Mtrs. 25.14

Total No. of tube well provided in the scheme 01

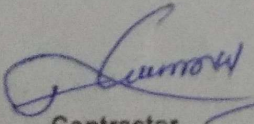
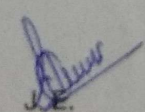
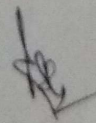
Size of Bore in M.M. 675 X 550

Number & Location of tube-well executed 0:1:1 Campus

Date of Completion of T.W. 16-7-18

Name of contractor M/s. Ajay Kumar Sandeep Kumar

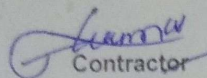
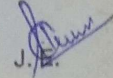

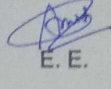
Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0-7.62	Surface Soil		0.5m	1. Drilling Started <u>11-6-18</u>
7.62-13.68	Fine Sand		6.06m	2. Drilling Completed <u>21-6-18</u>
13.68-16.72	Clay		5.99m	3. Lowering on <u>24-6-18</u>
16.72-31.92	Fine to medium Sand		5.99m	4. Drilling Depth <u>151</u> M
31.92-34.96	Clay		6.03m	5. <u>300</u> mm dia Housing Pipe <u>54.08</u> M
34.96-41.04	Yellow Fine Sand		6.03m	6. <u>300</u> mm dia Reducer Pipe <u>0.10</u> M
41.04-44.08	Clay		6.01m	7. <u>200</u> mm dia Blind Pipe <u>45.68</u> M
44.08-50.16	Medium Sand		6.01m	8. <u>200</u> mm dia Slotted Pipe <u>31.06</u> M
50.16-56.24	Hard Clay		4.00m	9. Discharge by Compressor <u>1400</u> LPM
56.24-71.44	Medium Sand		6.00m	10. Discharge by O.P. Unit <u>1500</u> LPM
71.44-86.64	Clay		5.99m	11. Remark if any:-
86.64-92.72	Medium Sand		6.04m	
92.72-95.76	Clay		6.04m	
95.76-101.84	Coarse Sand		3.50m	
101.84-103.36	Clay		6.03m	
103.36-114	Coarse Sand		4.04m	
114-117.04	Clay		2.85m	
117.04-124.64	Medium Sand		6.00m	
124.64-132.24	Clay		1.70m	
132.24-141.59	Fine Sand		1.30m	
141.59-151.00	Clay		2.58m	
			2.58m	
			6.03m	
			6.04	
			0	


Contractor

A. E.

E. E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test 01/07/18 Static W/L 24.50 Taste of Water Sweet

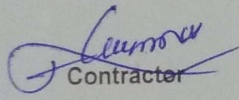

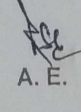
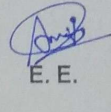
Discharge by V. Notch		Stand Contents In PPM						Remarks
In cm.	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	60 Min	
<u>7"</u>	<u>1480</u>	<u>700</u>	<u>500</u>	<u>350</u>	<u>200</u>	<u>100</u>	<u>50</u>	


Contractor

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YIELD TEST REPORT BY O.P. UNIT

Size of orifice 150 x 125 mm Taste of water Sweet Date of Test 15/7/18




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.	
<u>6</u>	<u>1125</u>	<u>24.40</u>	<u>26.30</u>	<u>1.90</u>	<u>10</u>	<u>W</u>	<u>U</u>	<u>U</u>	<u>U</u>	<u>U</u>	<u>U</u>	Recommended discharge <u>1500 LPM</u> at <u>2.45 mt</u> depression. Recommended Pumping plant discharge <u>1500 Lpm</u> .
<u>11</u>	<u>1550</u>	<u>24.40</u>	<u>26.85</u>	<u>2.45</u>	<u>20</u>	<u>W</u>	<u>W</u>	<u>U</u>	<u>U</u>	<u>U</u>	<u>U</u>	
<u>16</u>	<u>1870</u>	<u>24.40</u>	<u>27.35</u>	<u>2.95</u>	<u>35</u>	<u>W</u>	<u>W</u>	<u>W</u>	<u>U</u>	<u>U</u>	<u>U</u>	
<u>25</u>	<u>2330</u>	<u>24.40</u>	<u>27.95</u>	<u>3.55</u>	<u>50</u>	<u>30</u>	<u>10</u>	<u>W</u>	<u>U</u>	<u>U</u>	<u>U</u>	
<u>40</u>	<u>2900</u>	<u>24.40</u>	<u>28.60</u>	<u>4.20</u>	<u>65</u>	<u>45</u>	<u>20</u>	<u>5</u>	<u>W</u>	<u>W</u>	<u>U</u>	


Contractor

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CHEMICAL TEST REPORT

DATE OF TEST _____ AGENCY _____

Mg/Lit	mg/Lit	mg/Lit	mg/Lit
Colour <u>348-7</u>	Hardness Temp.	Chlorides <u>8.0</u>	Remarks
Nitrates <u>0.1</u>	Copper	Nitride	
PH <u>7.25</u>	Iron <u>0.09</u>	Florides <u>0.27</u>	
Total Solids	Total Alkanity <u>235</u>	Amonia	
T. Dissolved Solids <u>196</u>	Sulphates <u>6.0</u>	Residual Chlorine - Nil	
Fixed Solids	Calcium	Arsenic - Nil	
Total Hardness (CaCo ₃) <u>206</u>	Megnecium		
Permanent Hardness	Turbidity		


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