

JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

Completion Plan of Tube Well

Name of scheme Tauli

Spring water level in Mtrs 10

Total No. of tube well provided in the scheme 01

Size of Bore in M.M. 550 x 500

Number & Location of tube-well executed Q.H.T. Campus

Date of Completion of T.W. 27/1/2018

Name of contractor M/s. Pioneer Drilling Company

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0-3 M		Surface Soil		1. Drilling Started <u>14/5/2018</u>
3-11 m		clay	6.09	2. Drilling Completed <u>29/5/2018</u>
			6.13	
			6.09	3. Lowering on <u>29/5/2018</u>
11-32 m		Sandy clay	6.10	4. Drilling Depth <u>131.5</u> M
			6.12	
			6.08	5. <u>200</u> mm dia Housing Pipe <u>54.69</u> M
32-44 m		m. Sand	6.09	6. <u>200</u> mm dia Reducer Pipe <u>30</u> M
			6.11	
44-49 m		Sandy clay	6.08	7. <u>150</u> mm dia Blind Pipe <u>42.31</u> M
49-57 m		m. Sand		
57-69 m		clay	6.12	8. <u>150</u> mm dia Slotted Pipe <u>30.41</u> M
69-75 m		m. Sand	6.01	9. Discharge by Compressor <u>500</u> LPM
			6.13	10. Discharge by O.P. Unit <u>500</u> LPM
75-94 m		Sand Bolder	6.02	11. Remark if any:-
			6.05	
			6.08	
94-102 m		Sandy clay	6.03	
			6.03	
102-111 m		m. Sand	6.13	
111-114 m		Sandy clay	6.02	
114-124 m		m. Sand	6.13	
124-132 m		Sand bolder	6.03	


Contractor


J. E.


A. E.

Countersigned

E. E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test 12-6-2018

Static W/L 10 mtr

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	
6"	480	150	100	Tr	01	01	01	

Contractor

J. E.

A. E.

E. E.

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 250 X 150 MM Taste of water Sweet

Date of Test 2-7-2018

Size of Orifice	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.		
8"	465	9.14	11.19	2.05	02	02	02	02	02	02	02	Recommended discharge500.....LPM at 2.10 mt depression. Recommended Pumping plant discharge.....500.....Lpm.	
10"	505	9.14	11.24	2.10	Tr	02	02	02	02	02	02		
15"	615	9.14	11.38	2.24	50	Tr	02	02	02	02	02		
25"	800	9.14	11.63	2.49	120	40	Tr	02	02	02	02		
35"	950	9.14	11.82	2.68	150	80	20	Tr	02	02	02		

Contractor

J. E.

A. E.

E. E.

CHEMICAL TEST REPORT

DATE OF TEST

AGENCY

Mg/Lit		mg/Lit		mg/Lit		mg/Lit	
Colour	Colourless	Hardness Temp.		Chlorides	10	Remarks	
Nitrates	0.32	Copper		Nitride			
PH	7.26	Iron	0.09	Florides	0.2		
Total Solids		Total Alkanity	220	Amonia			
Dissolved Solids	202	Sulphates	6				
Fixed Solids		Calcium					
Total Hardness (CaCo3)	212	Megnecium					
Permanent Hardness		Turbidity	0.48				

J. E.

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