

JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

Completion Plan of Tube Well

Name of scheme KADAPUR W/S SCHEME

Spring water level in Mtrs. 6.90

Total No. of tube well provided in the scheme 01 NO

Size of Bore in M.M. 600

Number & Location of tube-well executed OPP. MANGO GARDEN
KADAPUR P.U.R.

Date of Completion of T.W. 24-4-18

Name of contractor M/S. ANU ELECTRIC & MECHANICAL WORKS

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0-4.57		Clay + Sand		1. Drilling Started <u>16-2-18</u>
				2. Drilling Completed <u>3-3-18</u>
				3. Lowering on <u>05-03-18</u>
				4. Drilling Depth <u>105.95</u> M
				5.mm dia Housing Pipe.....M
				6.mm dia Reducer Pipe.....M
				7. <u>200</u> mm dia Blind Pipe <u>71.89</u> M
				8. <u>200</u> mm dia Slotted Pipe <u>24.02</u> M
4.57-51.82		Boulder + Sand + Core Sand		9. Discharge by Compressor <u>870</u> LPM
51.82-60.97		Clay		10. Discharge by O.P. Unit <u>600</u> LPM
60.97-68.59		Boulder + Core Sand		11. Remark if any:-
68.59-71.69		Boulder - M Sand		
71.69-74.21		Clay		
74.21-79.08		Boulder + Sand + Core Sand		
79.08-99.08		Clay		

[Signature]
Contractor

J. E.

A. E.

Countersigned
[Signature]
E. E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test 13.04.18

Static W/L 6.70 M

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	
30"	870	500	250	100	Tr	el	el	
34"	930	900	400	350	200	150	Tr	

Sanjay R/S
Contractor

High Kumar
J. E.

Joe
A. E.

E. E.

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 150 X 100 mm

Taste of water Sweet

Date of Test 24.4.18

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.		
6"	605	6.70	8.50	1.80	el	el	el	el	el	el	el	Recommended discharge 600 LPM at 1.8 mt depression. Recommended Pumping plant discharge.....Lpm.	
8"	700	6.70	8.70	2.00	Tr	Tr	el	el	el	el	el		
13"	886	6.70	9.00	2.30	50	Tr	Tr	el	el	el	el		
18"	1026	6.70	9.40	2.70	100	Tr	Tr	Tr	el	el	el		
23"	1154	6.70	9.70	3.00	200	50	Tr	Tr	Tr	el	el		

Sanjay R/S
Contractor

High Kumar
J. E.

Joe
A. E.

E. E.

CHEMICAL TEST REPORT

DATE OF TEST 28.4.18

AGENCY 120 MLD WATER TREATMENT PLANT LAD G.2.B

946 / TESTING / 96

DATE - 11.5.2018

Mg/Lit	mg/Lit	mg/Lit	mg/Lit
Colour	Colour less	Hardness Temp.	—
Nitrates	13.2	Copper	—
PH	7.8	Iron	0.06
Total Solids	—	Total Alkanity	—
Dissolved Solids	310	Sulphates	26
Fixed Solids	—	Calcium	40
Total Hardness (CaCO ₃)	196	Megnecium	23.3
Permanent Hardness	1—	Turbidity	1.9

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