

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

## Completion Plan of Tube Well

Name of scheme KHAGE KHEDI W/S SCHAING Spring water level in Mtrs. 10.80  
 Total No. of tube well provided in the scheme ONE Size of Bore in M.M. 625 X 350/IN. 25  
 Number & Location of tube-well executed ONE Date of Completion of T.W. 21/06/16  
 Name of contractor M/S. Parakash Brothers Meerut

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
			Asst. 2140 M	
0-13.12		Surface Clay	300mm φ	1. Drilling Started <u>25/05/16</u>
13.19-13.72		F.M. Sand		2. Drilling Completed <u>05/06/16</u>
13.72-15.28		H. Sand		3. Lowering on <u>07.06.2016</u>
15.28-16.18		F.M. Sand		4. Drilling Depth <u>106.68</u> M
16.18-27.41		Clay		5. 300mm dia Housing Pipe <u>41.20</u> M
			99.50	
27.41-42.27		H.C. Sand	10-10 200mm φ	6. 300mm dia Reducer Pipe <u>12</u> M
42.27-51.91		F.M. Sand	11-11	7. 200mm dia Blind Pipe <u>30.92</u> M
51.91-60.96		C. Sand	12-12	8. 200mm dia Slotted Pipe <u>31.39</u> M
60.96-68.80		Clay Sandy Clay	13-13	9. Discharge by Compressor <u>106.5</u> LPM
68.80-73.15		H. Sand	14-14	10. Discharge by O.P. Unit <u>1200</u> LPM
73.15-76.30		F.M. Sand	15-15	11. Remark if any:-
76.30-82.30		H.C. Sand Sandy Clay	16-16	
82.30-85.54		H. Sand	17-17	
85.54-91.44		C. Sand Clay	18-18	
91.44-101.41			19-19	

Contractor Parakash  
J. E.
A. E.
Countersigned  
[Signature]  
E. E.

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Page No. 11/11

## YIELD TEST OF TW BY COMPRESSOR

Date of Test 11/02/16 Static WPL 14-20 Taste of Water Sweet

Discharge to		Stand Contents in P.P.M						Remarks
to	to	100	150	200	250	300	350	
17.5	10.25	600	500	100	T <sub>2</sub>	U	U	

Contractor

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## YIELD TEST REPORT BY O.P. UNIT

Size of orifice 1.75 x 1.75 mm Taste of water Sweet Date of Test 09/02/16

Height of water column in orifice (in cm)	Discharge in L.P.M	DWT in Mts	WWT in Mts	Depression in Mts	SAND CONTENTS IN P.P.M						Recommendations	
					Starting	5 Min	10 Min	15 Min	20 Min	25 Min		30 Min
6"	1200	8.30	0.30	2.10	T <sub>2</sub>	U	U	U	U	U	U	Recommended discharge
9"	1411	10.30	0.35	2.15	50	T <sub>2</sub>	U	U	U	U	U	Also LPM at 2.10 m depression
12"	1628	10.30	0.45	2.25	100	T <sub>2</sub>	U	U	U	U	U	Recommended Pumping
15"	2029	10.30	0.50	2.40	200	T <sub>2</sub>	U	U	U	U	U	Start discharge 2.00 LPM
25"	2310	10.30	0.40	2.60	250	100	T <sub>2</sub>	U	U	U	U	

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## CHEMICAL TEST REPORT

DATE OF TEST

AGENCY

Mg/Lit	Mg/Lit	Mg/Lit	Mg/Lit
Colour	Hardness Temp	Chlorides	Remarks
Nitrate	Copper	Nitrite	
Pic	Iron	Ferrides	
Total Solids	Total Alkalinity	Ammonia	
Dissolved Solids	Sulphates		
Fixed Solids	Calcium		
Total Hardness (CaCl <sub>2</sub> )	Magnesium		
Permanent Hardness	Turbidity		

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