

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

## Completion Plan of Tube Well

Name of scheme SEKRI WLS SCHEME T.W NO 2 Spring water level in Mtrs...18.30.....  
 Total No. of tube well provided in the scheme.....TWO NOS..... Size of Bore in M.M. 675X500 MMS. F  
 Number & Location of tube-well executed.....2nd near Pond..... Date of Completion of T.W. 12/06/16  
 Name of contractor.....M/s. Parkash Brothers Meerut.....

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly <small>A 6 L 61 MT</small>	ABSTRACT
0 - 7.62		Surface Clay		1. Drilling Started... <u>20/05/16</u> .....
7.62 - 16.76		Pine Sand		2. Drilling Completed... <u>08.06.2016</u> .....
16.76 - 32.04		F-Med. Sand		3. Lowering on... <u>03.06.2016</u> .....
32.04 - 36.60		Med. Sand		4. Drilling Depth..... <u>123.40</u> .....M
36.60 - 44.20		Clay		5. <u>300</u> .....mm dia Housing Pipe..... <u>41.76</u> .....M
44.20 - 62.48		Medium Sand		6. <u>300</u> .....mm dia Reducer Pipe..... <u>10</u> .....M
62.48 - 71.63		Clay		7. <u>200</u> .....mm dia Blind Pipe..... <u>36.26</u> .....M
71.63 - 80.77		Med. Sand		8. <u>200</u> .....mm dia Slotted Pipe..... <u>36.22</u> .....M
80.77 - 88.39		Fine Sand		9. Discharge by Compressor... <u>1065</u> .....LPM
88.39 - 108.20		Med. Coarse Sand		10. Discharge by O.P. Unit... <u>1500</u> .....LPM
108.20 - 123.40		Clay		11. Remark if any:-

Contractor

J. E.

A. E.

Countersigned

E. E.

### YIELD TEST OF TW BY COMPRESSOR

Date of Test 09/06/16

Static W/L 18.30 mt

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	
17.5	1065	700	200	50	Tr	Cl	Cl	

Contractor

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E. E.

### YIELD TEST REPORT BY O.P. UNIT

Size of orifice 6" X 5"

Taste of water Sweet

Date of Test 19/06/16

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"	1487	18.30	21.00	2.70	Tr	Cl	Cl	Cl	Cl	Cl	Cl	Recommended discharge ...1500...LPM at 2.70 mt depression. Recommended Pumping plant discharge 1500 Lpm.
15"	1816	18.30	21.20	2.90	Tr	Cl	Cl	Cl	Cl	Cl	Cl	
20"	2029	18.30	21.50	3.20	100	Tr	Cl	Cl	Cl	Cl	Cl	
36"	2526	18.30	21.65	3.35	150	50	Tr	Cl	Cl	Cl	Cl	
40"	2953	18.30	21.80	3.50	300	100	Tr	Cl	Cl	Cl	Cl	

Contractor

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E. E.

### CHEMICAL TEST REPORT

DATE OF TEST

AGENCY

EE ISTCD Head Office  
371 dt 23/6/16

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	<u>colourless</u>	Hardness Temp.	Chlorides	<u>9</u>	
Nitrates	<u>5.31</u>	Copper	Nitride	<u>N/L</u>	
PH	<u>7.56</u>	Iron	Florides	<u>100</u>	
Total Solids		Total Alkanity	Amonia		
Dissolved Solids	<u>103</u>	Sulphates		<u>17.28</u>	
Fixed Solids		Calcium			
Total Hardness (CaCo <sub>3</sub> )	<u>86</u>	Megnecium			
Permanent Hardness		Turbidity	<u>4.90</u>		

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