

**JAL NIGAM YANTRIK KHAND  
U.P. JAL NIGAM MEERUT  
Completion Plan of Tube Well**

Name of Scheme *Tajpura, W/LS*

Spring water level inc. Mtrs. *21.00*

Total No. of Tube well Provided in the Scheme *1*

Size of Bore in M.M. *(125.1250 m.m)*

Number & Location of tube-well Executed *1<sup>st</sup> NEAR MARRASA*

Name of Contractor *M. P. Singh Drilling Co. (PVT) LTD*

Date of Completion of T.W. *24.01.14*

Depth B. GL Meter	Boring Chart with representation	Stratum	Executed Assembly
0 - 6.09		SUBSOIL CLAY	
12.18		FINE SAND	
30.47		M. SAND	
38.54		F. & M. SAND	
47.19		SANDY CLAY	
51.81		SANDY CLAY	
57.33		M. SAND	
63.33		CLAY	
70.08		SANDY CLAY	
79.27		M. SAND	
82.28		CLAY	
91.43		M. to F. SAND	
103.63		SANDY CLAY	
112.78		M. SAND	
118.87		SAND with KANKAR	
121.92		SANDY CLAY	
140.00		SANDY CLAY	

**ABSTRACT**

- Drilling Started *02-01-14*
- Drilling Completed *23-01-14*
- Lowering on *27-01-14*
- Drilling Depth *140.0* M
- 300* Dia Housing Pipe *47.19* M
- 300x200* Dia Reducer *1.0m* M
- 200* Dia Blind Pipe *45.53* M
- 200* Dia Slotted Pipe *30.00* M
- Discharge by Compressor *1512 LPM*
- Discharge by O.P. Unit *1800 LPM*
- Remark if any:-
  - Make - WPIL
  - Discharge - 1800 LPM
  - Head - 55 Mt.
  - Stage - 3
  - H-P - 35
  - Column Pipe - 15cm dia 30mt. length

As Executed

Countersigned

*[Signature]*  
Contractor

*[Signature]*  
Rohit  
J. E.

*[Signature]*  
A. E.

*[Signature]*  
E. E.

**YIELD TEST OF BY COMPRESSOR**

Date of Test *8.2.14* Static W/L *21.00 M* Taste of Water. *Sweet*

Discharge by V. Notch		Sand Contents In PPM						Remarks
In cm.	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	60 Min	
<i>20</i>	<i>1512</i>	<i>800</i>	<i>600</i>	<i>400</i>	<i>200</i>	<i>100</i>	<i>SD</i>	

*[Signature]*

*[Signature]*  
Rohit

*[Signature]*  
A. E.

*[Signature]*  
E. E.

**YIELD TEST REPORT**

Static W/L: 21.00 m

Taste of water: *sl. bit. E. S.*

Date of Test: 28.09.17

Time	Discharge in LPM	hWL in Mts	hWL in Mts	Depression in Mts	SAND CONTENTS IN P.P.M.						Recommendations.
					Starting	5 Min	10 Min	15 M	20M	30M	
3:30	21.00	23.75	4.75	1400	1200	700	100	70	01		
3:38	21.00	23.10	4.10	300	200	150	70	01	00	Recommended discharge 1200 LPM at 3.10m depression	
3:44	21.00	24.20	3.10	200	100	50	00	00	00	Recommended Pumping plant discharge 1200 pm	
3:48	21.00	24.00	3.00	70	00	00	00	00	00		

*[Signature]*  
S. E.

*Rohit*  
J. E.

*[Signature]*  
A. E.

*[Signature]*  
S. E.

**VERTICALITY TEST REPORT**

DIA of Disc: ..... Dia of HOUSING: ..... DATE OF TEST: .....

Height of Suspension: .....

Clear: .....

DEPTH OF Disc	Observed Deviation				Actual Deviation			
	E	W	N	S	E	W	N	S
BGL in MTC								

Circle Diagram

CLEAR SPACE.....At.....  
.....At.....

**CHEMICAL TEST REPORT**

DATE OF TEST

AGENCY E.E. Ist Khand U.P. J.N. Meesat

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks	
Colour		Hardness Temp.		Chlorides 15		
Nitrates	5.75	Copper		Nitrate		
pH	7.24	Iron	20	Fluoride		154
Total Solids		Total Alkalinity	120	Ammonia		
Dissolved Solids	254	Sulphates	15.36			
Fixed Solids		Calcium				
Total Hardness (CaCo <sub>3</sub> )	130	Magnesium				
Permanent Hardness		Turbidity	2.47			

Draughts Man

*Rohit*  
J. E.

*[Signature]*  
A. E.

*[Signature]*  
S. E.