


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

Name of Scheme Bhusa. WLS ..... Spring water level Inc. Mtrs 22.75  
 Total No. of Tube well Provided in the Scheme 700 ..... Size of Bore in M.M. 625x550  
 Number & Location of tube-well Executed 11<sup>th</sup> ..... Dabit comlubond of two.....  
 Name of Contractor Ms. Pioneer Drilling Co. (PVT) LTD ..... Date of Completion of T.W. ....

Depth B. GL Meter	Boring Chart with repretation	Stratum	-78	Executed Assembly	-78m	ABSTRACT
0-4.58		CLAY				<ol style="list-style-type: none"> <li>1. Drilling Started..... <u>22-01-14</u></li> <li>2. Drilling Completed..... <u>29-01-14</u></li> <li>3. Lowering on..... <u>31-01-14</u></li> <li>4. Drilling Depth..... <u>121</u>..... M</li> <li>5. <u>350mm</u> Dia Housing Pipe..... <u>45.78</u> M</li> <li>6. <u>350x300mm</u> Dia Reducer..... <u>10</u>..... M</li> <li>7. <u>300mm</u> Dia Blind Pipe..... <u>42.02</u>..... M</li> <li>8. <u>300mm</u> Dia Slotted Pipe..... <u>26.00</u>..... M</li> <li>9. Discharge by Compressor.....</li> <li>10. Discharge by O.P. Unit.....</li> <li>11. Remark if any:-                      1. Make - WPIL                      2. Discharge - 2500 LPM                      3. Head - 50 Mt.                      4. Stage - 2                      5. HP - 45                      6. Column pipes - 200mm <math>\phi</math> 33 mt. length                 </li> </ol>
4.58-10.67		M-SAND				
10.67-13.72		CLAY				
13.72-16.76		M-SAND				
16.76-19.82		CLAY				
19.82-22.86		M-SAND	45.0			
22.86-25.96						
25.96-33.06		M-SAND				
33.06-38.10		CLAY				
			10	45.0	45.10	
			2m		47.10	
38.10-47.26		F to M SAND				
			12.00		59.10	
47.26-53.46		M-SAND				
53.46-62.50		CLAY				
62.50-65.34		F-SAND(Y)	28.00			
65.34-83.84		SANDY CLAY				
83.84-86.70		CLAY			87.10	
			6.00		93.10	
86.70-94.32		M-SAND				
94.32-96.04		CLAY			99.10	
96.04-99.08		F to M-SAND				
			8.00		107.10	
99.08-108.24		M-SAND				
			6.02		113.12	
108.24-123.42		CLAY				


As Executed Countersigned

  
 Contractor J. E. A. E. E. E.

**YIELD TEST OF BY COMPRESSOR**

Date of Test 29-4-14 Static W/L 21.80 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	
9"	2109	950	500	300	150	77	cl.	

  
 Contractor J. E. A. E. E. E.

### YIELD TEST REPORT

Static W/L... 22.75.....

Taste of water... SWEET.....

Date of Test... 10.5.14.....

Height of water in orifice

Tube	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.	20M.	30M.	
12"	1628	22.75	26.47	3.72	Tr	cl	cl	cl	cl	cl.	Recommended discharge 2500 LPM at 4.42mt depression. Recommended Pumping plant discharge.....Lpm.
18"	2543	22.75	27.18	4.43	50	cl	cl	cl	cl	cl.	
22"	2816	22.75	27.50	4.75	200	Tr	cl	cl	cl	cl.	
26"	3046	22.75	27.67	4.92	350	50	cl	cl	cl	cl.	

Contractor

*Rohit*  
J. E.

A. E.

E. 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 *EE Ist Khand U.P. Jal Nigam MEERUT*

Mg/Lit		mg/Lit		mg/Lit		mg/Lit		Remarks
Colour		Hardness Temp.		Chlorides	30.0			
Nitrates		Copper		Nitrate	5.31			
PH	7.50	Iron	.20	Flouridus	.135			
Total Solids		Total Alkanity	2.40	Amonia				
Dissolved Solids	346	Sulphates	49.92					
Fixed Solids		Calcium						
Total Hardness (C.Co.)	200	Megneccium						
Permanent Hardness		Turbidity	1.91					

Draughts Man

*Rohit*  
J. E.

A. E.

E. E.