

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

Completion Plan of Tube Well

Name of Scheme THAWARHAWAN W/S/S Spring water level In. Mtrs. 18.24 m.
 Total No. of Tube well Provided in the Scheme 5 Nos. Size of Bore in M.M. 675 X 550
 Number & Location of tube-well Executed 4. Madhavi Primary School Date of Completion of T.W. 20-07-14
 Name of Contractor Ms. Pioneer Drilling Co. (PVT) LTD GZB

Depth B. GL Meter	Boring Chart with repretation	Stratum	Executed Assembly	ABSTRACT
0-6.09m		CLAY		1. Drilling Started <u>30/05/14</u>
18.29m		M-SAND		2. Drilling Completed <u>12/06/14</u>
30.48m		YELLOW F SAND		3. Lowering on <u>14/06/14</u>
36.58m		M-SAND		4. Drilling Depth <u>120.42</u> M
51.82m		SANDY CLAY		5. 300mm Dia Housing Pipe <u>47.85</u> M
54.26m		F-SAND		6. 300mm Dia Reducer <u>10</u> M
67.07m		M-SAND		7. 200mm Dia Blind Pipe <u>15.22</u> M
63.17m		M to COARSE SAND		8. 200mm Dia Slotted Pipe <u>70.10</u> M
84.41m		COARSE SAND		9. Discharge by Compressor <u>15.12</u> L.P.M.
91.46m		M to COARSE SAND		10. Discharge by O.P. Unit <u>1800</u> L.P.M.
120.42		CLAY		11. Remark if any:- <u>Detail of p/plant</u> Make - Varma Discharge - 1800 lpm Head - 44 M stage - 2 HP - 30 Column pipes - Dia - 150 mm dia Length - 3M X 10 Nos

As Executed [Signature] Contractor
 J. E. [Signature] A. E. [Signature] E. E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test 27-06-14 Static W/L 15-24 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	
20	1512	600	400	200	100	50	TV	

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

YIELD TEST REPORT

State No. 10/15

Taste of water CA/205

Date of Test 20.07.14

Time	Discharge at PM	RWI in MBs	RWI in MBs	Depression in MBs	SAND CONTENTS IN PERCENT							Recommendations
					Starting	5 Min	10 Min	15 Min	20 Min	25 Min	30 Min	
8.30 AM	10.75	10.75	10.75	2.100	5.00	5.00	5.00	5.00	5.00	5.00	5.00	Recommended discharge Note: 1 PM at 10.5 m depression Recommended Pumping plant discharge 1000 pm
9.30 AM	10.75	10.75	10.75	2.100	5.00	5.00	5.00	5.00	5.00	5.00		
10.30 AM	10.75	10.75	10.75	2.100	5.00	5.00	5.00	5.00	5.00	5.00		

[Signature]
S. P. J.

[Signature]
J. E.

[Signature]
A. E.

[Signature]
E. E.

VERTICALITY TEST REPORT

DIA of Disc Dia of HOUSING DATE OF TEST

Height of Suspension

Clear

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

Circle Diagram

CLEAR SPACE At

..... At

CHEMICAL TEST REPORT

DATE OF TEST AGENCY EE Tel. Branch D.P. CH. BILEPVI

	Mg/L/lit	mg/lit	mg/L/lit	mg/L/lit	Remarks
Calcium		Hardness Temp.	Chlorides	10	
Nitrates		Copper	Nitrate	1093	
pH	7.66	Iron	Fluoride	1.12	
Total Solids		Total Alkalinity	Ammonia		
Dissolved Solids	2.56	Sulphates			
Fixed Solids		Calcium			
Total Hardness (CaCO ₃) / ltr		Magnesium			
Permanent Hardness		Turbidity	1.51		

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