

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

Name of Scheme Gangawari (Gazhi Maya)

Spring water level Inc. Mtrs. 18.29

Total No. of Tube well Provided in the Scheme NEAR POWER HOUSE

Size of Bore in M.M. 6.75 x 550

Number & Location of tube-well Executed.....

Dabit comlubond of two.....

Name of Contractor M/s. PIONEER DRILLING Co. P.LTD. GAZIABAD

Date of Completion of T.W. 2-4-15

Depth B. GL Meter	Boring Chart with repretation	Stratum	Executed Assembly	ABSTRACT
12.20		CLAY		1. Drilling Started... <u>8-2-15</u>
24.98		FINE SAND		2. Drilling Completed... <u>15-2-15</u>
27.43		YELLOW SAND		3. Lowering on... <u>16-2-15</u>
		M. SAND		4. Drilling Depth... <u>124.12 M</u>
36.57		CLAY		5. 300 Dia Housing Pipe... <u>43.12 M</u>
		M. SAND		6. 300 x 200 Dia Reducer... <u>0.10 M</u>
		M. SAND		7. 200 Dia Blind Pipe... <u>24.6 M</u>
		M. SAND		8. 200 Dia Slotted Pipe... <u>47.4 M</u>
		M. SAND		9. Discharge by Compressor.....
		M. SAND		10. Discharge by O.P. Unit... <u>2000 LPM</u>
82.16		SANDY CLAY		11. Remark if any:-
		FINE SAND		1. Make <u>VARUNA</u>
109.7		CLAY		2. Discharge - <u>2000 LPM</u>
115.82				3. Head. - <u>52 M.</u>
			4. H.P. - <u>40</u>	
			5. Stage - <u>3</u>	
			6. Column Pipe - <u>150mm φ</u> <u>3 cont. lengths.</u>	

As Executed  
  
Contractor

J. E.

A. E.

Countersigned  
E. E.

**YIELD TEST OF BY COMPRESSOR**

Date of Test 21-02-2015 Static W/L Taste of Water.

Discharge by V. Notch	Sand Contents In PPM							Remarks
	In cm.	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	
8"	1579	900	500	300	150	Tr	Cl.	

Contractor

J. E.

A. E.

E. E.

### YIELD TEST REPORT

Static W/L: 18.30 mt

Taste of water: Sweet

Date of Test: 2-04-2015

Height of water table

Depth of Well	Discharge in LPM	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	
19	2028	18.30	21.35	3.05	75	cl	cl	cl	cl	cl	Recommended discharge 2000 LPM at 3.05 mt depression Recommended Pumping plant discharge ..... 1 pm.
23	2210	18.30	21.50	3.20	50	75	cl	cl	cl	cl	
28	2437	18.30	21.65	3.35	100	50	75	cl	cl	cl	
32	2619	18.30	21.80	3.50	150	100	50	75	cl	cl	
37	2831	18.30	21.95	3.65	200	150	100	50	75	cl	

Contractor

*[Signature]*

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 as per letter No. 1543 Dt-8/4/2015

DATE OF TEST 8-4-2015

AGENCY EE 1st DIV. UPJN MPT.

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	<u>1.1</u>	Hardness Temp.	Chlorides	<u>58</u>	
Nitrates	<u>7.08</u>	Copper	Nitrate Nitride	<u>116</u>	
pH	<u>7.52</u>	Iron	Fluorides	<u>0.131</u>	
Total Solids	<u>3.97</u>	Total Alkalinity	Ammonia		
Dissolved Solids		Sulphates	Res. Chloride	<u>116</u>	
Fixed Solids		Calcium			
Total Hardness (C.Co)	<u>160</u>	Magnesium			
Permanent Hardness		Turbidity			

A. E.

E. E.