

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

Name of Scheme Gangwan (Ghazi Dohat)

Spring water level Inc. Mtrs. 18.29

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

Size of Bore in M.M. 67.5 x 55.0

Number & Location of tube-well Executed NEAR POUND

Dabit comlubond of two.....

Name of Contractor PIONEER DRILLING (P) LTD GHAZIABAD

Date of Completion of T.W. 25-3-15

Depth B. GL Meter	Boring Chart with repretation	Stratum	Executed Assembly	ABSTRACT
6.00		CLAY	0.50m 300mm	1. Drilling Started... <u>20-1-15</u>
21.00		H. SAND		2. Drilling Completed... <u>28-1-15</u>
39.63		FINE SAND	41.50	3. Lowering on... <u>29-1-15</u>
57.92		H. SAND	56.50	4. Drilling Depth... <u>117.4</u> M
64.00		CLAY	59.50 59.60 200mm	5. 3.00 Dia Housing Pipe... <u>45.00</u> M 3.00 Dia Slotted Pipe... <u>15.00</u> M 6.75 x 2.00 Dia Reducer... <u>0.10</u> M
79.26		SANDY CLAY	68.00	7. 2.00 Dia Blind Pipe... <u>28.9</u> M
85.36		FINE SAND	78.00	8. 2.00 Dia Slotted Pipe... <u>20.00</u> M
100.65		SANDY CLAY	92.50 102.65	9. Discharge by Compressor... <u>1834</u> LPM
			108.65	10. Discharge by O.P. Unit... <u>2000</u> LPM
				11. Remark if any:- 1. Make - VARUNA 2. Discharge - 2000 LPM 3. Head - 58M. 4. H.P. - 40 5. Stage - 4 6. Column Pipe - 150mm $\phi$ 36mt. length

As Executed Countersigned  
 Contractor  J. E.  A. E. E. E.

**YIELD TEST OF BY COMPRESSOR**

Date of Test \_\_\_\_\_ Static W/L 3-90 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	
20	1580	500	150	T <sub>r</sub>	T <sub>r</sub>	T <sub>r</sub>	Cl	
22	1834	800	150	20	T <sub>r</sub>	T <sub>r</sub>	T <sub>r</sub>	

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

**YIELD TEST REPORT**

Static W/L 18.30 m

Taste of water Sweet

Date of Test 25-03-2015

Well No.	Flow height 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.	
19	2028	18.30	20.70	2.40	T <sub>9</sub>	cl	cl	cl	cl	cl	Recommended discharge 2500 LPM at 2.40 m depression.  Recommended Pumping plant discharge 2000 lpm.
23	2210	18.30	20.95	2.65	50	T <sub>9</sub>	cl	cl	cl	cl	
28	2439	18.30	21.20	2.90	100	50	T <sub>9</sub>	cl	cl	cl	
32	2619	18.30	21.75	3.15	150	100	50	T <sub>9</sub>	cl	cl	

~~Director~~

J. E.

A. E.

E. E.

**VERTICALITY TEST REPORT**

DIA of Disc .....

Dia of HOUSING .....

DATE OF TEST .....

Height of Suspension .....

Clear .....

Circle Diagram

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

CLEAR SPACE ..... AT .....

..... AT .....

CHEMICAL TEST REPORT AS Per Letter No. 568 / 0200 / 6  
24-03-15

AGENCY EE 1st DIV. UPJN MRT.

DATE OF TEST 30.3.2015

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	Colourless	Hardness Temp.	Chlorides	20	
Nitrates Nitrate - Nil		Copper	Nitrate	5.75	
pH 7.56		Iron 0.027	Fluoride	0.110	
Total Solids 249		Total Alkalinity 250	Ammonia		
Dissolved Solids		Sulphates 1.60			
Fixed Solids		Calcium	Res. Cl.	Nil	
Total Hardness (CaCO <sub>3</sub> ) / 30		Magnesium			
Permanent Hardness		Turbidity			

Draughts Man

J. E.

A. E.

E. E.