

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

Name of Scheme Bhajju w/s scheme

Spring water level Inc. Mtrs 24.38

Total No. of Tube well Provided in the Scheme 01

Size of Bore in M.M. 675/550

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

Dabit comlubond of two.....

Name of Contractor PIONEER DRILLING CO. (P) LTD. GHAZIABAD

Date of Completion of T.W. 06-02-15

Depth B. GL Meter	Boring Chart with repretation	Stratum	Executed Assembly	ABSTRACT
			0.50M 300mm	
0	10.20	clay		1. Drilling Started <u>11-12-2014</u>
				2. Drilling Completed <u>24-12-14</u>
10.20	15.44	clay		3. Lowering on <u>25-12-2014</u>
				4. Drilling Depth <u>126.55</u> M
				5. 300mm Dia Housing Pipe <u>49.72</u> M
				6. 300mm X 200mm Dia Reducer <u>0.10</u> M
				7. 200mm Dia Blind Pipe <u>31.92</u> M
				8. 200mm Dia Slotted Pipe <u>33.17</u> M
15.43	27.43	Fine sand		9. Discharge by Compressor <u>1144 lit/hr</u>
				10. Discharge by O.P. Unit <u>1600 LPM</u>
27.43	48.76	clay		11. Remark if any:-
				1. Make - VARUNA
48.76	54.86	Kankar		2. Discharge - 1600 LPM
				3. Head - 57 mt.
54.86	79.24	Medium Sand		4. H.P. - 35
				5. Stage - 4
58.86	79.24	Medium Sand		6. Column Pipe - 150mm ϕ
				36 mt. length
79.24	91.44	clay		
94.44	109.72	Medium Sand		
109.72	121.92	clay		

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

YIELD TEST OF BY COMPRESSOR

Date of Test 12-01-15 Static W/L 26.80M 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	
6"	776	600	300	150	50	T ₂	T ₂	
7"	1144	700	400	200	100	50	T ₂	

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

YIELD TEST REPORT

Static WL, 26.80 M.....

Taste of water... Sweet.....

Date of Test... 06.02.2015

Time	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.	
1.	1627	26.80	28.70	1.90	Tr	cl	cl	cl	cl	cl	Recommended discharge 1600 LPM at 1.90mt depression. Recommended Pumping plant discharge 1600 Lpm.
2.	1816	26.80	28.90	2.10	50	Tr	cl	cl	cl	cl	
3.	2028	26.80	29.10	2.30	100	50	Tr	cl	cl.	cl	
4.	2210	26.80	29.30	2.50	150	100	50	Tr	cl	cl	
5.	2437	26.80	29.60	2.80	200	150	100	50	Tr	cl.	

[Signature]
Contractor

[Signature]
J. E.

[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				
	BGL In MTC.	E	W	N	S	E	W	N	S

Circle Diagram

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

CHEMICAL TEST REPORT *As per letter No 191 / परीक्षण / 36* Dt-20.2-2015

DATE OF TEST 18-02-2015 ¹

AGENCY EE Ist Div. UPJN MRT.

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	2.03	Hardness Temp.	Chlorides	17	
Nitrates Nitride - Nil		Copper	Nitrate	3.54	
PH	7.67	Iron	Fluorides	0.109	
Total Solids	228	Total Alkanity	Amonia		
Dissolved Solids		Sulphates			
Fixed Solids		Calcium			
Total Hardness (Ca.Co) 120		Megnecium			
Permanent Hardness		Turbidity			

Draughts Man

[Signature]
J. E.

A. E.

E. E.