

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

## Completion Plan of Tube Well

Name of Scheme AKBARPUR SUNEHTI W/S/S

Spring water level In. Mtrs. 21.34 m  
67.5 x 5.50 m

Total No. of Tube well Provided in the Scheme ONE

Size of Bore in M.M.

Number & Location of tube-well Executed 1<sup>st</sup> NEAR MORTUARY


Date of Completion of T.W. 14-07-14

Name of Contractor MS PAINEER DRILLING CO (PVT) LTD GZB.

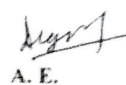
Depth B. GL Meter	Boring Chart with repretation	Stratum	Executed Assembly	ABSTRACT
0 - 9.14m		CLAY	.60m 1111 0.52	1. Drilling Started <u>12-06-14</u>
				2. Drilling Completed <u>27-06-14</u>
21.34		M to C SAND		3. Lowering on <u>29-06-14</u>
24.39		SANDY CLAY		4. Drilling Depth <u>115.85</u> M
33.53		F. SAND	47.38	5. 700mm Dia Housing Pipe <u>47.38</u> M
36.58		F SAND (YELLOW)		6. 700mm Dia Reducer <u>10m</u> M
42.68		F SAND		7. 800mm Dia Blind Pipe <u>22.27</u> M
45.73		M. SAND	10m 47.38 47.48	8. 200mm Dia Slotted Pipe <u>22.03</u> M
				9. Discharge by Compressor <u>226 LPM</u>
57.92		SANDY CLAY	12.18m 59.66	10. Discharge by O.P. Unit <u>100 CLPM</u>
60.97		M. SAND		11. Remark if any:-
64.02		M to C SAND	9.0m 68.66	1. Make - VARUNA
70.12		G. SAND + KANKAR		2. Discharge - 1000 LPM
73.17		SANDY CLAY	4.50m 73.16	3. Head - 41M.
				4. Stage - 5
73.17 - 76.21		M. H. C. SAND	9.03m 82.19	5. H.P. - 15
79.26		M. SAND		6. Column Pipe - 100mm φ
82.31		G. SAND + KANKAR	10.04m 92.23	7. Length 33 mt.
82.31 - 91.46		SANDY CLAY	4.0m 96.23	
91.46 - 97.56		M. SAND	5.65m 101.88	
103.65		SANDY CLAY		
115.85		CLAY		

As Executed

Countersigned

  
Contractor

  
J. E.

  
A. E.

  
E. E.

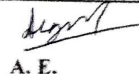
### YIELD TEST OF TW BY COMPRESSOR

Date of Test 25-07-14 Static W/L 21.34 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	
6"	776	600	400	200	100	T <sub>2</sub>	T <sub>6</sub>	

  
Contractor

  
J. E.

  
A. E.

  
E. E.

**YIELD TEST REPORT**

Static W/L 21.34.....

Taste of water SWEET.....

Date of Test 14-08-14.....

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.	25 M.	30M.	
2528	21.34	26.34	5.00	300	250	200	150	100	50	Tr	Recommended discharge <u>1000</u> LPM at <u>4.4</u> mt depression.  Recommended Pumping plant discharge <u>1000</u> pm.	
2074	21.34	26.14	4.80	250	200	150	100	50	Tr	CP		
1627	21.34	25.94	4.60	150	100	50	CP	CP	CP	CP		
1059	21.34	25.74	4.40	Tr	CP	CP	CP	CP	CP	CP		

*[Signature]*  
Contractor

*[Signature]*  
Rohit  
J. E.

*[Signature]*  
A. E.

*[Signature]*  
E. E.

**VERTICALITY TEST REPORT**

DIA of Disc.....Dia of HOUSING.....DATE OF TEST.....

Height of Suspension.....

Clear .....

Circle Diagram

DEPTH OF Disc	Observed Deviation				Actual Deviation				
	BGL In MTC.	E	W	N	S	E	W	N	S

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

.....At.....

**CHEMICAL TEST REPORT**

DATE OF TEST

AGENCY EE-IST Khand U.P J.N Meerut

Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	Hardness Temp.	Chlorides	<u>34</u>	
Nitrates <u>Nil</u>	Copper	Nitrate	<u>6.20</u>	
PH <u>7.73</u>	Iron	Flouridus	<u>159</u>	
Total Solids	Total Alkanity	Amonia		
Dissolved Solids <u>348</u>	Sulphates		<u>74.88</u>	
Fixed Solids	Calcium			
Total Hardness (CaCo <sub>3</sub> ) <u>110</u>	Megnecium			
Permanent Hardness	Turbidity		<u>2.53</u>	

Draughts Man

*[Signature]*  
Rohit  
J. E.

*[Signature]*  
A. E.

*[Signature]*  
E. E.