

JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

Completion Plan of Tube Well

Name of scheme ... Rasoolpur Jala Water Supply Scheme Spring water level in Mtrs.....
 Total No. of tube well provided in the scheme... One Size of Bore in M.M. 675 X 550 mm
 Number & Location of tube-well executed..... One Date of Completion of T.W. 26/06/16
 Name of contractor... Pioneer Drilling Co (GIZBD)

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly <u>ACTL - 1069</u>	ABSTRACT
2.457		S. clay		1. Drilling Started..... <u>28/05/16</u>
4.57-7.02		Yellow F-S		2. Drilling Completed..... <u>02/06/16</u>
				3. Lowering on..... <u>10/06/16</u>
7.62-28.96		Sandy clay		4. Drilling Depth..... <u>113.44</u> M
28.96-32.00		Fine to Medium Sand		5. <u>300</u> mm dia Housing Pipe..... <u>42.49</u> M
32.00-41.15		clay		6. <u>250</u> mm dia Reducer Pipe..... <u>0.10</u> M
41.15-44.20		Yellow Medium Sand		7. <u>250</u> mm dia Blind Pipe..... <u>37.64</u> M
44.20-47.24		Yellow fine to Medium Sand		8. <u>250</u> mm dia Slotted Pipe..... <u>31.88</u> M
47.24-50.29		Yellow fine Sand		9. Discharge by Compressor..... <u>1877</u> LPM
50.29-56.39		clay		10. Discharge by O.P. Unit..... <u>1400</u> LPM
56.39-59.44		fine Sand		11. Remark if any:-
59.44-65.53 65.53-68.58		Fine to Med. Sand Fine Sand		
68.58-71.63		Medium Sand		
71.63-74.68 74.68-77.72		M. Sand to coarse M. to coarse sand		
77.72-86.87		coarse Sand		
86.87-89.92 89.92-92.96		fine Sand clay		
92.96-106.68 106.68-109.73 109.73-111.25		Medium Sand clay fine Sand		
111.25-123.44		clay		

Contractor **J. E.**

 A. E.

 Countersigned **E. E.**

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YIELD TEST OF TW BY COMPRESSOR

Date of Test 16/06/16 Static W/L _____ Taste of Water _____

Discharge by V. Notch		Stand Contents In PPM						Remarks
In cm	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	60 Min	
22	1877	1500	600	200	50	Tr	U.	

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

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 150 X 125 Taste of water sweet Date of Test 26/06/16

Height of water column in orifice tube (c.m.)	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.	20 M.	25 M	30 M.		
9	1411	21.34	23.89	2.55	100	U	U	U	U	U	U	U	Recommended discharge 1400 LPM at 2.55 mt depression. Recommended Pumping plant discharge.....Lpm.
12	1628	21.34	23.99	2.65	150	Tr	U	U	U	U	U		
19	2029	21.34	24.29	2.95	200	50	Tr	U	U	U	U		
25	2310	21.34	24.54	3.20	300	100	50	Tr	U	U	U		
35	2748	21.34	24.79	3.45	500	200	50	Tr	U	U	U		

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

CHEMICAL TEST REPORT

DATE OF TEST _____ AGENCY _____

Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	Hardness Temp.	Chlorides		
Nitrates	Copper	Nitride		
PH	Iron	Florides		
Total Solids	Total Alkanity	Amonia		
Dissolved Solids	Sulphates			
Fixed Solids	Calcium			
Total Hardness (CaCos)	Megnecium			
Permanent Hardness	Turbidity			

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