

JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

Completion Plan of Tube Well

Name of scheme BELDAJUNARDAR WISSHEME Spring water level in Mtrs. 10.50
 Total No. of tube well provided in the scheme ONE Size of Bore in M.M. 675x500
 Number & Location of tube-well executed NEAR OHT Date of Completion of T.W. 27-10-17
 Name of contractor DEPTT. RIG MIC (600/27)

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0.00			0.36	
10	0.00-10.67	surface clay	6.09 6.08 6.09 6.08 6.09 6.07 6.07	1. Drilling Started <u>22-9-17</u>
20				2. Drilling Completed <u>3-10-17</u>
30				3. Lowering on <u>4-10-17</u>
40	10.67-41.16	Very fine Sand	6.07 6.07	4. Drilling Depth <u>132.62</u> M
50	41.16-47.25	Fine Sand	48.66	5. <u>300</u> mm dia Housing Pipe <u>48.66</u> M
55	47.25-56.40	Sandy clay	6.03 3.03	6. <u>300</u> mm dia Reducer Pipe <u>0.15</u> M
60	56.40-62.50	yellow med. Sand	3.03 1.04	7. <u>150</u> mm dia Blind Pipe <u>58.33</u> M
65	62.50-64.02	clay	3.00 1.02	8. <u>150</u> mm dia Slotted Pipe <u>20.17</u> M
70	64.02-68.85	yellow med. Sand	3.03	9. Discharge by Compressor <u>1025</u> LPM
75			6.03	10. Discharge by O.P. Unit <u>1100</u> LPM
80	68.85-82.32	Sandy clay	6.03	11. Remark if any:-
85	82.32-83.84	Fine Sand + Kankar	6.04 5.03	
90	83.84-89.94	Sandy clay		
95	89.94-96.95	Fine to med. Sand	5.00	
100	96.95-97.56			
105	97.56-102.13	Sandy clay	6.04 6.03 4.00	
110	102.13-109.75 109.75-111.28	med. Sand Fine Sand		
115			6.04	
120	111.28-121.35	med. Sand	2.03	
125				
130	121.35-132.62	clay	6.05	
135				

DEPTH

5292

Countersigned

YIELD TEST OF TW BY COMPRESSOR

Date of Test 14-10-17 Static W/L 10.40 Taste of Water. sweet

Discharge by V. Notch		Stand Contents In PPM						Remarks
In cm.	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	60 Min	
7"	10.25	900	625	450	200	100	Tr	

DEPH
Contractor

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Amish
A. E.

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E. E.

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 150x125mm. Taste of water sweet Date of Test 27-10-17

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.	
6"	1136	10.36	11.57	1.21	10	el	el	el	el	el	el	Recommended discharge <u>1100</u> LPM at <u>1.21</u> mt depression. Recommended Pumping plant discharge <u>1100</u> Lpm.
10"	1478	10.36	12.18	1.82	25	10	Tr	el	el	el	el	
16"	1856	10.36	12.95	2.59	45	25	5	Tr	el	el	el	
20"	2083	10.36	13.31	2.95	65	40	20	Tr	el	el	el	
22"	2178	10.36	13.71	3.35	75	50	30	20	Tr	el	el	

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CHEMICAL TEST REPORT

DATE OF TEST 1-11-17 AGENCY EE, FIRST DIV, U.P.J.N, BHEERUT

Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour <u>34.4</u>	Hardness Temp.	Chlorides <u>10</u>		
Nitrates <u>3.98</u>	Copper	Nitride <u>Nil</u>		
PH <u>7.37</u>	Iron <u>0.124</u>	Fluorides <u>0.264</u>		
Total Solids	Total Alkalinity <u>120</u>	Amonia		
Dissolved Solids <u>151</u>	Sulphates <u>6.13</u>	<u>Remnial Chloride - Nil</u>		
Fixed Solids	Calcium			
Total Hardness (CaCO ₃) <u>80</u>	Magnesium			
Permanent Hardness	Turbidity			

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