

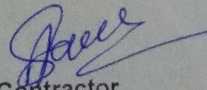
JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

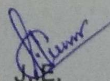
70/5
9.


Completion Plan of Tube Well

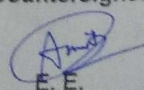
Name of scheme Nawazpur...w.s. scheme, Satarnapur Spring water level in Mtrs. 23.45
 Total No. of tube well provided in the scheme...01..... Size of Bore in M.M. 550 x 500
 Number & Location of tube-well executed...Q.H.T. Campus..... Date of Completion of T.W. 18/8/18
 Name of contractor.. M/s. Saini Traders

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0 - 4	Surface Soil			1. Drilling Started..... <u>06/07/18</u>
4 - 19.81	Clay		6.05m 6.03m	2. Drilling Completed..... <u>16/07/18</u>
			6.04m 6.03m	3. Lowering on..... <u>19/07/18</u>
19.81 - 35.06	fine Sand		6.04m 5.99m 6.00m 6.03m 6.04m 6.03m	4. Drilling Depth..... <u>131.96 M</u>
35.06 - 50.30	Clay		6.04m 6.03m	5. <u>200</u> mm dia Housing Pipe..... <u>60.28 M</u>
			6.04m 6.03m	6. <u>200x150</u> mm dia Reducer Pipe..... <u>0.15 M</u>
50.30 - 53.35	fine Sand		6.04	7. <u>150</u> mm dia Blind Pipe..... <u>50.81 M</u>
53.35 - 68.59	Clay		6.03 6.04	8. <u>150</u> mm dia Slotted Pipe..... <u>18.01 M</u>
			6.04	9. Discharge by Compressor..... <u>380</u> LPM
68.59 - 77.74	Medium Sand		6.06	10. Discharge by O.P. Unit..... <u>400</u> LPM
			6.05 6.05	11. Remark if any:-
77.74 - 92.98	Clay		2.46	
			6.02 6.00 5.99	
92.98 - 96.03	Medium Sand			
96.03 - 102.13	Clay			
102.13 - 124.47	Coarse Sand		6.04	
			0	
124.47 - 131.96	Clay			


Contractor


J.E.


A. E.

Countersigned

E.E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test 26/7/18 Static W/L 23.00 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	
6"	380	550	350	200	100	50	25	

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

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 100x75mm. Taste of water sweet Date of Test 7/8/18

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.	
7"	416	22.50	24.90	2.40	Tr	Tr	cl	cl	cl	cl	cl	Recommended discharge <u>400</u> LPM at <u>2.40</u> mt depression. Recommended Pumping plant discharge <u>400</u> Lpm.
9"	477	22.50	25.15	2.65	20	Tr	Tr	cl	cl	cl	cl	
10"	500	22.50	25.45	2.95	35	10	Tr	cl	cl	cl	cl	
16"	635	22.50	26.48	3.98	45	25	5	Tr	Tr	cl	cl	
22"	750	22.50	27.45	4.95	70	40	30	10	Tr	Tr	cl	

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

CHEMICAL TEST REPORT

DATE OF TEST

AGENCY

Mg/Lit	mg/Lit	mg/Lit	mg/Lit
Colour <u>3440</u>	Hardness Temp.	Chlorides <u>12</u>	Remarks
Nitrates <u>0.24</u>	Copper	Nitride	
PH <u>7.32</u>	Iron <u>0.1</u>	Florides <u>0.32</u>	
Total Solids	Total Alkanity <u>218</u>	Amonia	
T. Dissolved Solids <u>204</u>	Sulphates <u>8.0</u>	Residual Chlorine - Nil	
Fixed Solids	Calcium	Arsenic - Nil	
Total Hardness (CaCo ₃) <u>210</u>	Megnecium		
Permanent Hardness	Turbidity		

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