

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

Name of Scheme TRAMBAHARA ARIH Spring water level in Mts 18.75
 Total No. of Tube well Provided in the Scheme 100 Size of Bore in MM 150
 Number & Location of tube well Executed 100 Dabit combination of two
 Name of Contractor Deptt. Ag. Services Meerut Date of Completion of LW 14.10.74

Depth B. in Meter	Boring Chart with representation	Stratum	Executed Assembly	No.	ABSTRACT
					1. Drilling Started <u>28.03.74</u>
					2. Drilling Completed <u>05.04.74</u>
					3. Lowering in <u>28.04.74</u>
<u>0.715</u>		<u>CLAY</u>			4. Drilling Depth <u>28.04</u> M
<u>18.39</u>		<u>F. SAND</u>			5. 100 Dia Housing Pipe <u>18.39</u> M
<u>18.90</u>		<u>CLAY</u>			6. 100 Dia Bottom <u>18.90</u> M
<u>25.99</u>		<u>H. SAND</u>			7. 100 Dia Blind Pipe <u>18.99</u> M
<u>35.06</u>		<u>CLAY</u>			8. 100 Dia Slotted Pipe <u>18.08</u> M
<u>42.60</u>					9. Discharge by Compressor <u>3.50 LPM</u>
					10. Discharge by G.P. Unit <u>500 LPM</u>
					11. Remark if any:
					1. Make - <u>None</u>
					2. Discharge - <u>300 LPM</u>
					3. Head - <u>100 ft</u>
					4. W.P. - <u>5000 (Solar)</u>
					5. Casing Pipe - <u>65 mm P</u> <u>Head - 10 ft</u>
<u>56.10</u>		<u>H. SAND</u>			
<u>57</u>		<u>CLAY</u>			
<u>57.12</u>					
<u>62.60</u>		<u>H. Sand.</u>			
		<u>CLAY</u>			
<u>113.74</u>					

As Executed Counter signed

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

YIELD TEST OF BY COMPRESSOR

Date of Test 7.7.74 Static WL 11.10.74 Taste of Water Good

Discharge by		Head & output in RPM						Remarks
In Lit.	In Lpm	5 Min	10 Min	15 Min	20 Min	25 Min		
<u>10</u>	<u>254</u>	<u>300</u>	<u>100</u>	<u>10</u>	<u>1</u>	<u>1</u>	<u>1</u>	

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

Size of pipe 100x75

YIELD TEST REPORT

Static W/L.....12.00.....

Taste of water: SWEET.....

Date of Test...13-8-14.....

H. of Water in Disc.	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.	
3"	300	12.0	14.20	2.20	100	cl	cl	cl	cl		Recommended discharge 300 LPM at 2.20 mt depression. Recommended Pumping plant discharge.....Lpm.
8"	462	12.0	14.45	2.45	150	50	cl	cl	cl		
12"	552	12.0	14.60	2.60	200	50	cl	cl	cl		
18"	674	12.0	14.78	2.78	300	100	Tr	cl	cl		

Contractor

Robot

J. E.

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			
	E	W	N	S	E	W	N	S
BGL in MTC								

Circle Diagram

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

.....At.....

CHEMICAL TEST REPORT

DATE OF TEST 17-8-14

AGENCY EE Ist. Khand, UP J.N. MEERUT

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour		Hardness Temp.	Chlorides	15	
Nitrates		Copper	Nitrate	6.64	
PH	7.97	Iron	Flouridus	100	
Total Solids		Total Alkanity	Amonia		
Dissolved Solids	293	Sulphates			
Fixed Solids		Calcium			
Total Hardness (C.Co.)	130	Megnecium			
Permanent Hardness		Turbidity	1.75		

Draughts Man

Robot

J. E.

A. E.

E. E.