

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

Completion Plan of Tube Well

Name of Scheme *Khalidpur W/S Scheme Dist Saharanpur* Spring water level In. Mtrs. *22.25*

Total No. of Tube well Provided in the Scheme *ONE* Size of Bore in M.M. *550*

Number & Location of tube-well Executed *Tr. High School Campus* Date of Completion of T.W. *27.9.12*

Name of Contractor *M/S. Prakash Brothers*

Depth B. GL Meter	Boring Chart with represtation	Stratum	Executed		ABSTRACT
			Assembly	0.40 AGL	
5					1. Drilling Started..... <i>5.9.12</i>
10					2. Drilling Completed..... <i>12.9.12</i>
15		Surface			3. Lowering on..... <i>15.9.12</i>
20	<i>0-32.01</i>	clay			4. Drilling Depth..... <i>123.00</i> M
25					5.Dia Housing Pipe.....M
30					6.Dia Reducer.....M
35		clay with			7. <i>200</i> .Dia Blind Pipe..... <i>95.49</i>M
40	<i>32.01-44.21</i>	Fine Sand			8. <i>200</i> .Dia Slotted Pipe..... <i>20.04</i>M
45				<i>46.30</i>	9. Discharge by Compressor..... <i>500 LPM</i>
50	<i>44.21-53.35</i>	Medium Sand		<i>52.32</i>	10. Discharge by O.P. Unit..... <i>500 LPM</i>
55					11. Remark if any:-
60					
65	<i>53.35-77.74</i>	clay			
70					
75					
80		clay with			
85	<i>77.74-89.94</i>	Yellow Fine			
90		Sand		<i>92.18</i>	
95	<i>89.94-99.08</i>	Medium Sand		<i>98.19</i>	
100					
105	<i>99.08-102.13</i>	clay		<i>104.19</i>	
110	<i>102.13-112.80</i>	Medium Sand		<i>112.20</i>	
115				<i>115.13</i>	
120	<i>112.80-123</i>	clay			
125					

As Executed

[Signature]
Contractor

[Signature]
J. E.

[Signature]
A. E.

Countersigned
[Signature]
E. E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test *20.9.12* Static W/L *21.50 Meters*. 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	
<i>12</i>	<i>500</i>	<i>800</i>	<i>300</i>	<i>100</i>	<i>Tr.</i>	<i>CL.</i>	<i>CL.</i>	

[Signature]
Contractor

[Signature]
J. E.

[Signature]
A. E.

[Signature]
E. E.

YIELD TEST REPORT

Size of orifice - 100x75

Static W/L...21.50 Meters...

Taste of water...Sweet.....

Date of Test...27.9.12.....

Height of
Water in
Time
Orifice
Tube
in Meters

	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.		
10	503	21.50	25.80	4.30	Tr.	CL.	CL.	CL.	CL.	CL.	CL.	Recommended discharge ...500 LPM at 4.30mt depression.	
18	664	21.50	26.00	4.50	50	Tr.	CL.	CL.	CL.	CL.	CL.		
25	794	21.50	26.30	4.80	100	50	Tr.	CL.	CL.	CL.	CL.		
30	870	21.50	26.50	5.00	150	100	50	Tr.	CL.	CL.	CL.		Recommended Pumping plant discharge 500 Lpm.
40	1006	21.50	26.90	5.40	200	100	50	Tr.	CL.	CL.	CL.		

Contractor

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				
	BGL In MTC.	E	W	N	S	E	W	N	S

Circle Diagram

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

CHEMICAL TEST REPORT

DATE OF TEST	AGENCY			mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	Hardness Temp.	Chlorides						
Nitrates	Copper	Nitrate						
PH	Iron	Flouridus						
Total Solids	Total Alkanity	Amonia						
Dissolved Solids	Sulphates							
Fixed Solids	Calcium							
Total Hardness (C.Co)	Megnecium							
Permanent Hardness	Turbidity							
Draughts Man	J. E.	A. E.	E. E.					