

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

Name of Scheme TRANABHAWAN KHILL

Spring water level Inc. Mtrs. 11-60

Total No. of Tube well Provided in the Scheme FIVE

Size of Bore in M.M. 550mm

Number & Location of tube-well Executed 1<sup>st</sup> NEAR PRIMARY SCHOOL LATE GARH

Name of Contractor Departmental

Date of Completion of T.W. 10-05-14

Depth B. GL Meter	Boring Chart with repretation	Stratum	Executed Assembly	ABSTRACT
			0.79	1. Drilling Started <u>15-03-14</u>
0 - 7.62		CLAY		2. Drilling Completed <u>23-03-14</u>
7.62 - 12.20		F-SAND		3. Lowering on <u>24-03-14</u>
12.20 - 18.30		CLAY		4. Drilling Depth <u>77.74</u> M
18.30 - 27.44		F-SAND		5. 200mm Dia Housing Pipe <u>44.88</u> M
27.44 - 44.20		CLAY		6. 200x150 mm Dia Reducer <u>0.10</u> M
44.20 - 44.98				7. 150mm Dia Blind Pipe <u>10.59</u> M
44.98 - 49.37				8. 150mm Dia Slotted Pipe <u>18.16</u> M
49.37 - 67.53				9. Discharge by Compressor <u>343 LPM</u>
67.53 - 77.74				10. Discharge by O.P. Unit <u>408 LPM</u>
				11. Remark if any:-
			1. Make - <u>Varuna</u>	
			2. Discharge - <u>400 LPM</u>	
			3. Head - <u>45 mt.</u>	
			4. Size - <u>5</u>	
			5. H.P. - <u>7.5</u>	
			6. Column Pipe - <u>80mm φ</u> <u>33 mt. length</u>	

As Executed

Contractor Rohit J. E.      A. E. [Signature]      Countersigned [Signature] E. E.

### YIELD TEST OF BY COMPRESSOR

Date of Test 15-04-14    Static W/L 11-60    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	
4.5/16	343	800	600	400	200	100	50	

Contractor Rohit J. E.      A. E. [Signature]      Countersigned [Signature] E. E.

### YIELD TEST REPORT

Static WL. 11-60 Taste of water SWEET Date of Test 10-08-14

Time	Discharge in L.P.M.	SWL in Mts	RWL in Mts	Depression in Mts	BAND CONTENTS IN P.P.M.						Recommendations
					Starting	5 Min	10 Min	15 M	20M	30M	
	380	11-60	14-10	4-50	380	280	180	145	Tr	CP	Recommended discharge 400 LPM at 3.50mt depression  Recommended Pumping plant discharge 150Lpm
	707	11-60	15-90	4-30	300	200	100	Tr	CP	CP	
	552	11-60	15-60	4-00	150	100	50	Tr	CP	CP	
	408	11-60	15-00	3-50	Tr	CP	CP	CP	CP	CP	

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			
	E	W	N	S	E	W	N	S
BGL in MTC								

Circle Diagram

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

..... At .....

### CHEMICAL TEST REPORT

DATE OF TEST ..... AGENCY E E ISI Khad V B J N Masull

Mg/Lit		mg/Lit		mg/Lit		mg/Lit		Remarks
Colours		Hardness Temp		Chlorides	30			
Nitrates		Copper		Nitrate	8-86			
pH	7.76	Iron	10	Flourides	114			
Total Solids		Total Alkainity	290	Amonia				
Dissolved Solids	336	Sulphates	15.76					
Fixed Solids		Calcium						
Total Hardness (CaCo <sub>3</sub> )	170	Magnesium						
Permanent Hardness		Turbidity	8.73					
Draughts Man		<u>J. E.</u>	<u>A. E.</u>	<u>E. E.</u>				