

Office of The Executive Engineer IIIrd Const. Division (E/M) U.P. Jal Nigam, Faizabad

Completion plan of UGHAR PUR T.W. at BHATPURA Distt. SULTANPUR
 Name of Yozana/T.W. No. & Location N.R.W.-3-P

Detail of Strata

Detail of Lowring

(Not to Scale)

Detail of Strata	Detail of Lowring
0.0 - 3.00 M - Surface clay	6.08
3.0 - 6.10 M - clay	6.05
6.10 - 24.40 M - Fine Sand	6.06
24.40 - 48.80 M - Clay Kanakar	6.05
48.80 - 63.00 M - Fine Sand	6.05
63.00 - 65.50 M - Clay Kanakar	6.05
65.50 - 73.00 M - Fine Sand	6.05
73.00 - 82.00 M - Clay Kanakar	6.05
82.00 - 91.00 M - Fine Sand	35.84 BGL
91.00 - 100.60 M - Clay Kanakar	0.120 36.04
100.60 - 102.00 M - Fine Sand	6.06
102.00 - 109.80 M - Sticky clay Kanakar	6.02
109.80 - 114.80 M - Sticky clay	2.00 50.12
	6.04
	6.04 62.20
	4.00 66.20
	6.02 72.22
	6.04
	5.00 83.26
	6.05 89.31
	6.02 95.33
	114.80 M 114.80

1. Size of drilling depth - 675 mm - 45.0 M
2. Drilling by deptt Rig - 550 mm - 69.80
3. Drilling started on - LTDC - 1500
4. Drilling completed on - 27.5.12
5. Date of lowring - 08.6.12
6. Total housing pipe 12" - 09.6.12
7. Total plain pipe 6" - 36.34 M
8. Total slotted pipe 6" - 35.14 M
9. Size of assembly lowered - 24.15 M
10. size of drilling - 300 x 150 mm
11. Static water level - 675 x 550 mm
12. Size of reducer - -
13. Sounding after lowring - 0.20 M

[Signature]
 Junior Engineer
 III Conts. Div. (E/M)
 U.P. Jal Nigam Faizabad

[Signature]
 (SANTOSH KUMAR)
 Asisstant Engineer
 III Conts. Div. (E/M)
 U.P. Jal Nigam Faizabad

[Signature]
 (A.K. Saxena)
 Executive Engineer
 III Conts. Div. (E/M)
 U.P. Jal Nigam Faizabad

TEST REPORT

Reference Letter No. 2924/11 30021930/12 District
Source of Sample (Hand Pump or Tube Well) Tahsil
Source Condition Block
Date of Sampling 22/2/12 Gram Panchayat
Date of Testing 3/9/12 Revenue Village (Sensus Code)
Name of Sample Collector Habitation
Name of Junior Engineer श्री रामलीला Year of Installation of Source
Name of Place 34542 342421

Sl. No.	Characteristics	Result	Physical and Chemical		Remarks
			Acceptable	Cause for Rejection	
	<u>PHYSICAL TEST</u>				
1.	Colour	Colourless	IONTU	25 NTU	
2.	Odour	Odourless	Unobjectionable	Unobjectionable	
3.	Ph	7.5.....	7.0 to 8.5	<6.5 to 9.2>	
	<u>CHEMICAL TEST</u>				
4.	Total Dissolved Solid	680.....	500	1500	
5.	Total Hardness as "CaCO ₃ "	240.....	200	600	
6.	Chloride as "Cl"	60.....	200	1000	
7.	Fluoride as "F"	1.2.....	1.00	1.50	
8.	Nitrates as "NO ₃ "	—.....	45	>45	
9.	Nitrites as "NO ₂ "	Nil.....	Nil		
10.	Iron as "Fe"	0.1.....	0.10	0.10	
11.	Alkalinity	360.....			
12.	Residual Chlorine (P.P.M.)	Nil.....			
13.					

Test Conducted by

**Assistant Engineer
Construction Division-1
U.P. Jal Nigam Rae Bareli**

OFFICE OF THE EXECUTIVE ENGINEER, IIIRD CONSTRUCTION KHAND (E/M), U.P. JAL NIGAM, FAIZABAD

TEST REPORT OF T.W DEVELOPMENT BY 250 P.S.I. COMPRESSOR

1	Name of T.W.	:	UGHARPUR	5	Discharge measured by 90° V'-notch Tank
2	Name of Scheme	:	N.R.W. S.P	6	Static Water Level : 8.50 M
3	Name of District	:	SULTANPUR	7	Sounding Before Development : 34.75 M
4	Date of Test.	:	31.07.12	8	Sounding After Development : 94.00 M

Sl. No.	Air line lowered in Mtr.	Pressure in Kg/cm ²		Depression		Discharge through 90° 'V'- notch		Starting	Sand contents in P.P.M.						Remark
		Starting	Running	In kg/cm ²	In mtr.	In cms/inch	In L.P.M.		5Min	10Min	15Min	20Min	25Min	30Min	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	28.40 M	7.00 kg/cm ²	6.16 kg/cm ²	0.84 kg/cm ²	8.40 M	20.32/8" cm/inch	1578 L.P.M	5000	1000	600	400	300	200	150	

Note - Recommended ... for development by S.O. unit

Test Conducted by

(P.K. SRIVASTAVA)
Junior Engineer

Seen

(SANTOSH KUMAR)
Assistant Engineer

(A.K. Saxena)
Executive Engineer

OFFICE OF THE EXECUTIVE ENGINEER, THIRD CONSTRUCTION KHAND (E/M), U.P. JAL NIGAM FAIZABAD
YIELD TEST REPORT OF T.W BY 3 CUSEC O.P. UNIT

1. Name of T.W. Scheme- **Ughar puri- Bhathpuria TW**
2. Name of Dist- **Sultanpur**
3. Size of Tube-well- **300mm x 150mm**
4. Column Assembly Lowered- **21 m**
5. Static water level- **4.55 m**
6. Taste of water- **Sweet**
7. Air line lowered- **21 m**
8. Sounding of Tubewell **89.40m**
9. Date of Testing- **17.8.12**

S.NO	Discharge through 90° "A" Notch tank		S.W.L. in meters	R.W.L. in meters	Depression in meters	Sand contents in P.P.M.						Remark	
	Inches	L.P.M.				Starting	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.		30 Min.
1.	6 1/2"	945	4.55	9.15	4.60	300	50	50	Tr	Tr	U	U	U
2.	6"	776	4.55	8.30	3.75	50	Tr	U	U	U	U	U	U
3.	5 3/4"	675	4.55	7.90	3.35	Tr	U	U	U	U	U	U	U

Note- Recommended Discharge **650** L.P.M at **3.35** mtr. Depression.

Test Conducted by

Rishi
 (Ram Lalit)
 Junior Engineer
 3rd const. division
 (L/M) Faizabad

(**Aurinder Singh**)
 JE
 Asst. Engineer
 3rd const division
 (L/M) Faizabad

Seen,
 (A.K. Savena)
 Executive Engineer

ADD. Const. Div
 U.P. Jal Nigam