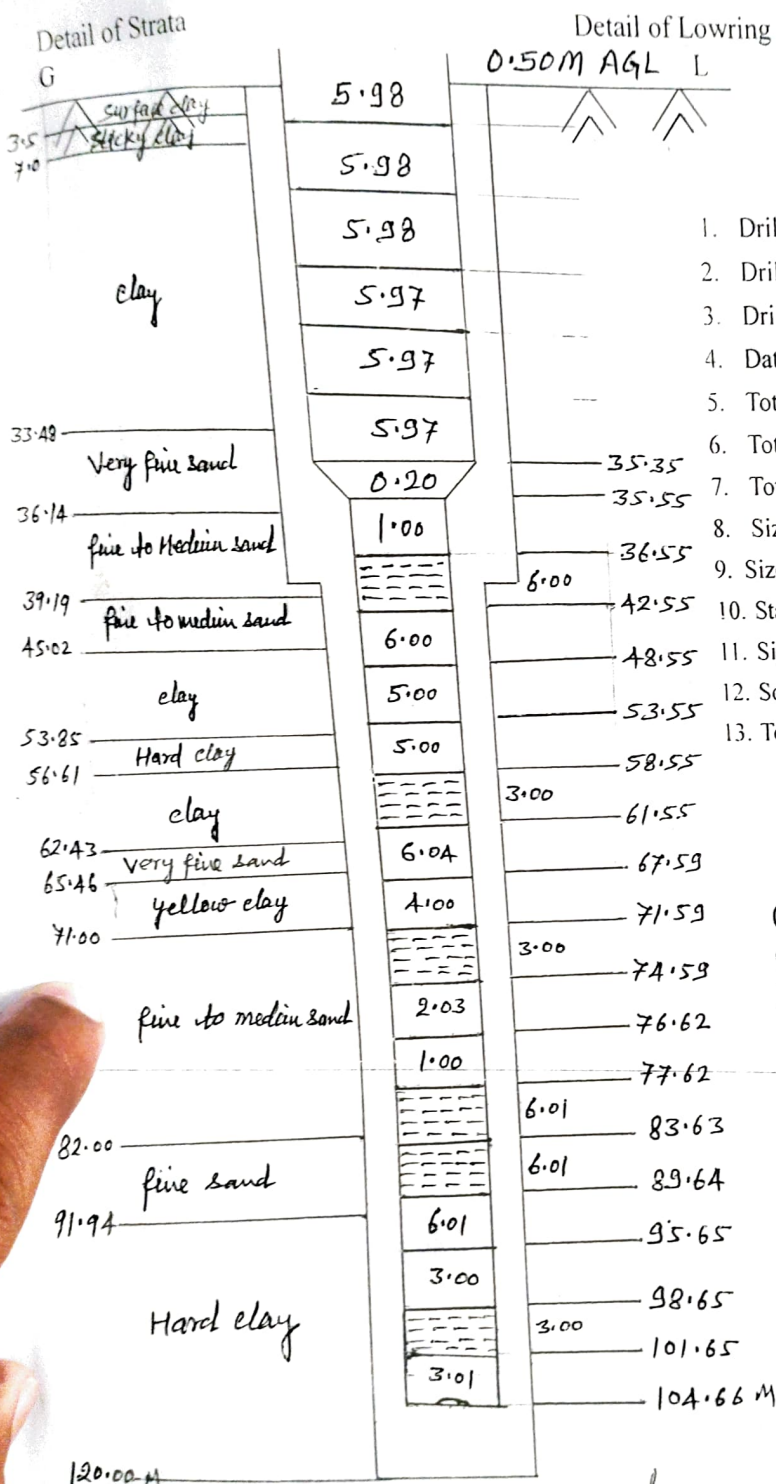


Completion plan of Malikpur T.W. Malikpur Distt. Sultanpur  
 Name of Yozana/T.W. No. Location N.R.W.S.P., Malikpur



1. Drilling by depth Rig - RC 600/27
2. Drilling started on - 14.5.15
3. Drilling completed on - 19.5.15
4. Date of lowering - 20.5.15
5. Total housing pipe - 35.85 m
6. Total plain pipe - 42.09 m
7. Total slotted pipe - 27.02 m
8. Size of assembly lowered - 300X150 mm
9. Size of drilling - 675X500 mm
10. Static water level - 15.15 m
11. Size of reducer - 300X150 mm
12. Sounding after lowering - 105.60 m
13. Total Assembly Lowered - 105.16 m

\* Logging Report \*

- ① 30-43 → 13 m
- ② 57-62 → 5 m
- ③ 70-75 → 5 m
- ④ 77-91 → 14 m
- ⑤ 97-105 → 8 m



Rishi  
 (Rishi Lalit)  
 Junior Engineer  
 IIIrd Const. Div. (E/M),  
 U.P. Jal Nigam, Faizabad

(Santosh Kumar)  
 Assistant Engineer  
 IIIrd Const. Div. (E/M),  
 U.P. Jal Nigam, Faizabad

(M. Naseen)  
 Executive Engineer  
 IIIrd Const. Div. (E/M),  
 U.P. Jal Nigam, Faizabad

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

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

1	Name of T.W.	:	Mahik Pura TW	5	Discharge measured by 90° 'V'-notch Tank		
2	Name of Programme	:	NRWS	6	Static Water Level	:	17.45m
3	Name of District	:	Sultanpur	7	Sounding Before Development	:	104.85
4	Date of Test.	:	6.9.15	8	Sounding After Development	:	105.10

Sl. No.	Air line lowered in Mtr.	Pressure in Kg/cm <sup>2</sup>		Depression		Discharge through 90° 'V'-notch		Sand contents in P.P.M.							Remark
		Starting	Running	In kg/cm <sup>2</sup>	In mtr.	In cms/inch	In L.P.M.	Starting	5Min	10Min	15Min	20Min	25Min	30Min	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1-	90m	10.5	9.50	0.50	50m	8"	1578	9500	4500	2500	1000	800	800		

Note - Recommended for development by O.P. well



Test Conducted by  
(Kam Lal) Junior Engineer

(A.K. Chandra) Assistant Engineer

Seen

(Er. M. Naseem) Executive Engineer

marks

1. Name of T.W./Scheme- **Mahik pda TW**
2. Name of Programme- **NRWSP**
3. Size of Tube-well- **1200 (300 x 150) m**
4. Column Assembly Lowered- **30m**
5. Static water level- **17.35m**

6. Taste of water- **Potable**
7. Date of Testing- **16.9.15**
8. Discharge Measured By- **6" v notch**

Sl. No.	Discharge		Running Water Level in Mts.	Static Water Level in Mts.	Depression in Mts.	Sand Contents in PPM					Remark	
	In Inches	In LPM				Starting	After					
							5 Min.	10 Min.	15 Min.	20 Min		25 Min
1	8"	1578	22.50	17.35	5.15	500	350	200	100	50	Tr	
2	7"	1142	21.65	17.35	4.30	200	100	50	50	Tr	cl	
3	6.5	945	21.10	17.35	3.75	Tr	cl	cl	cl	cl	cl	

... .. covered head, recommended direct flow LPM at 3.75m depression

Note:- Pump should run in starting at least for 10 minutes in by pass at rated head. recommended discharge 900 Lpm at 3.75m depression

Test taken in presence of following officials-



**(Ran Lalit)**  
Junior Engineer  
3<sup>rd</sup> const. division  
(E/M) Faizabad

**(Asst. Engineer)**  
Asst. Engineer  
3<sup>rd</sup> const division  
(E/M) Faizabad

**(M. Naseem)**  
Executive Engineer

**OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION,**

**U.P. JAL NIGAM, FAIZABAD**

**Physical and Chemical Analysis of Water Sample**

**DISTRICT LAB FAIZABAD**

**TEST REPORT**

Reference Letter No. 9/कैम्प-फैजाबाद/1 दि० 16-9-15 District सुल्तानपुर  
 Source of Sample (Hand pumps or Tube well) जलकुण्ड Tehsil अद्वैया  
 Source of Condition ..... Block अद्वैया  
 Date of Sampling 16-9-2015 Gram Panchayat मालिकपुर  
 Date of Testing 18-9-2015 Revenue Village (Sensus Code) .....  
 Name of Sample Collector ..... Habitation मालिकपुर जलकुण्ड  
 Name of Junior Engineer श्री राम लाल, जू० इं० Year of Installation of Source .....  
 Name of Place अद्वैया, सुल्तानपुर

Sl.No.	Characteristics	Result	Physical and Chemical		Remarks
			Acceptable	Cause for Rejection	
	<b><u>PHYSICAL TEST</u></b>				
1.	Turbidity	<u>10 NTU.</u>	IONTU	25 NTU	
2	Colour	<u>Colourless</u>			
3.	Odour	<u>Odourless</u>	Unobjectionable	Objectionable	
4.	Ph	<u>7.7</u>	6.5 to 8.5	<6.5 to 9.2>	
	<b><u>CHEMICAL TEST</u></b>				
5	Total Dissolved Solid	<u>311</u>	500	1500	
6	Total Hardness as "CaCO3"	<u>270</u>	200	600	
7	Chloride as "Cl"	<u>15</u>	200	1000	
8	Fluoride as "F"	<u>0.37</u>	1.00	1.50	
9	Nitrates as "NO3"	<u>3.3</u>	45	>45	
10	Nitrites as "NO2"	<u>NIL</u>	Nil		
11	Iron as "Fe"	<u>0.05</u>	0.10	1.00	
12	Alkalinity	<u>288</u>	200	600	
13	Sulphate	<u>NIL</u>	200	400	
14	Residual Chlorine (P.P.M.)	<u>NIL</u>	0.2	1.0	
15	Arsenic (ppb)	<u>NIL</u>	10	50	

*ASanta*  
Chemist 31/10/15

*ASanta*  
Assistant Engineer  
Construction Division  
U.P. Jal Nigam,  
Faizabad

# OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION.

U.P. JAL NIGAM, FAIZABAD

Physical and Chemical Analysis of Water Sample

DISTRICT LAB FAIZABAD

## TEST REPORT

Reference Letter No. 91/कैम्प-फैजाबाद/1 दि० 16-9-15 District सुल्तानपुर  
 Source of Sample (Hand pumps or Tube well) जलकुण्ड Tehsil  
 Source of Condition Block भदोया  
 Date of Sampling 16-9-2015 Gram Panchayat सारिकापुर  
 Date of Testing 18-9-2015 Revenue Village (Sensus Code)  
 Name of Sample Collector Habitation सारिकापुर जलकुण्ड  
 Name of Junior Engineer श्री राम लाल, जू० इं० Year of Installation of Source  
 Name of Place भदोया, सुल्तानपुर

Sl.No.	Characteristics	Result	Physical and Chemical		Remarks
			Acceptable	Cause for Rejection	
<b><u>PHYSICAL TEST</u></b>					
1.	Turbidity	10 NTU.	IONTU	25 NTU	
2	Colour	Colourless			
3.	Odour	Odourless	Unobjectionable	Objectionable	
4.	Ph	7.7	6.5 to 8.5	<6.5 to 9.2>	
<b><u>CHEMICAL TEST</u></b>					
5	Total Dissolved Solid	311	500	1500	
6	Total Hardness as "CaCO3	270	200	600	
7	Chloride as "Cl"	15	200	1000	
8	Fluoride as "F"	0.37	1.00	1.50	
9	Nitrates as "NO3"	3.3	45	>45	
10	Nitrites as "NO2	NIL	Nil		
11	Iron as "Fe"	0.05	0.10	1.00	
12	Alkalinity	288	200	600	
13	Sulphate	NIL	200	400	
14	Residual Chlorine (P.P.M.)	NIL	0.2	1.0	
15	Arsenic (ppb)	NIL	10	50	

Assistant Engineer

Assistant Engineer  
 Construction Division  
 U.P. Jal Nigam,  
 Faizabad

Chemist 3/10/15