

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.	:	Kasbamafiyat TW	5	Discharge measured by 90° 'V'-notch Tank	
2	Name of Programme	:	NRWSP	6	Static Water Level	: 12.20m
3	Name of District	:	Sultanpur	7	Sounding Before Development	: 98.60m
4	Date of Test.	:	12.8.15	8	Sounding After Development	: 99.02m

Sl. No.	Air line lowered in Mtr.	Pressure in Kg/cm ²		Depression		Discharge through 90° 'V'-notch		Sand contents in P.P.M.							Remark
		Starting	Running	In kg/cm ²	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- 8/1000	1000	9.50	15.5	500	8"	1578	7000	400	200	150	1100	700		

Note - Recommended ... for development by D.P. unit

Test Conducted by

(R. L. D. S.)
Junior Engineer

(H. C. Nigam)
Assistant Engineer

Seen

(Er. M. Naseem)
Executive Engineer

1. Name of T.W. Scheme- Kash-mafiyat Tn
 2. Name of Programme- NKWS P
 3. Size of Tube-well- 300mm x 150m
 4. Column Assembly Lowered- 3m
 5. Static water level- 12.20m

6. Taste of water- Swable
 7. Date of Testing- 21.8.15
 8. Discharge Measured (3)- 91 ✓ Net + 1.6

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.	7.5'	1346	17.70	12.20	5.50	800	300	200	100	50	50	
2.	6.5'	945	17.10	12.20	4.90	300	200	100	50	Tr	Tr	
3.	5.5'	622	15.65	12.20	3.45	100	Tr	U	U	U	U	

Note:- Pump should run in starting at least for 10 minutes in by pass at rated head. Recommended discharge 600 LPM at 3.45m head

Test taken in presence of following officials-



Rohit
 (Rohit Lohit)
 Junior Engineer
 3rd const. division
 (E/M) Faizabad

H.C. Nayak
 (H.C. Nayak)
 Asst. Engineer
 3rd const division
 (E/M) Faizabad

M. Naseem
 (M. Naseem)
 Executive Engineer

OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION,

U.P. JAL NIGAM, FAIZABAD

Physical and Chemical Analysis of Water Sample

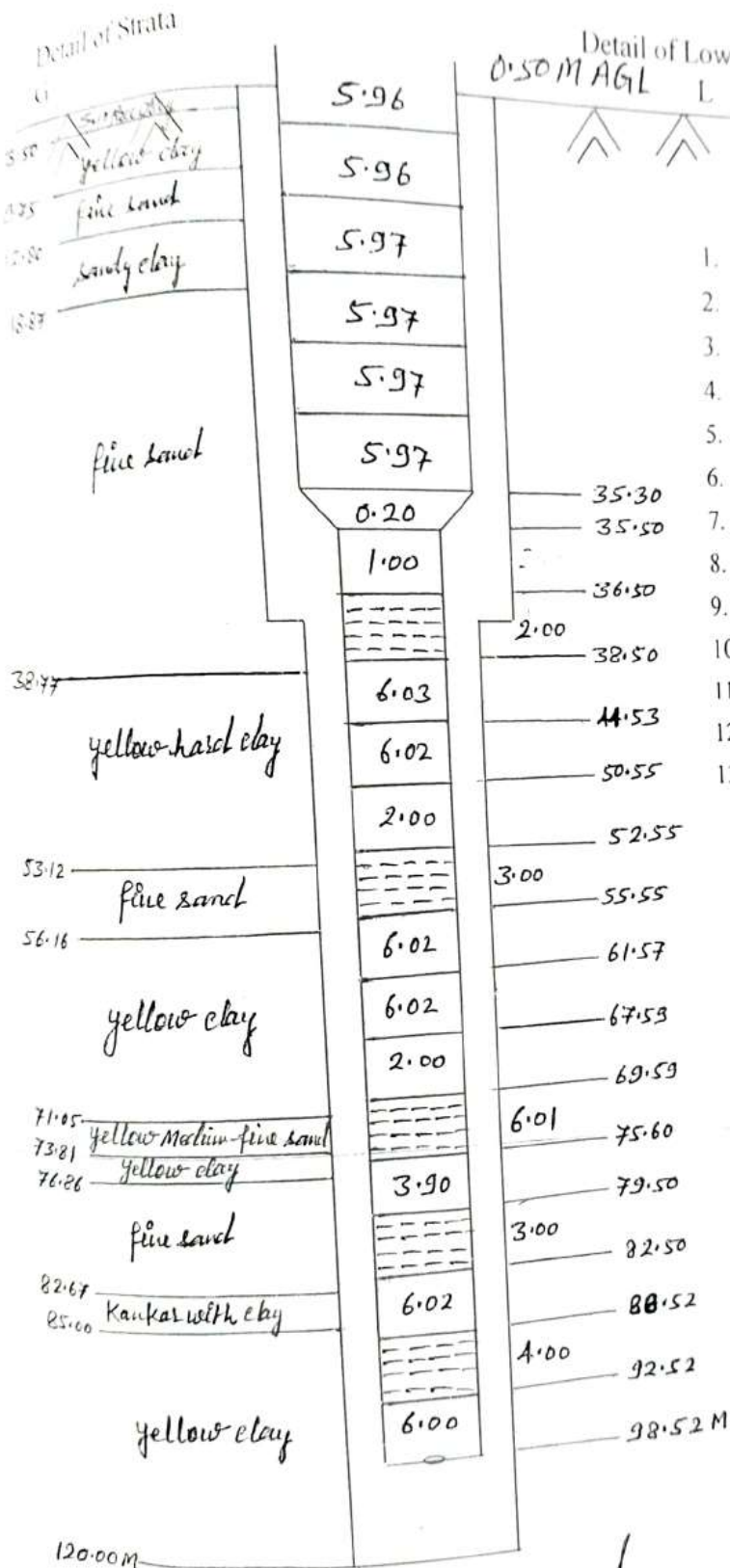
DISTRICT LAB FAIZABAD

TEST REPORT

Reference Letter No. 3/कै-म-फैजाबाद/3 dt 24-8-15 District सुल्तानपुर
 Source of Sample (Hand pumps or Tube well) नलकूप Tehsil साफियात
 Source of Condition Block साफियात
 Date of Sampling 24-8-15 Gram Panchayat
 Date of Testing 28-8-15 Revenue Village (Sensus Code)
 Name of Sample Collector Habitation साफियात नलकूप पे-० यो०
 Name of Junior Engineer श्री राम लालित, यू० ई० Year of Installation of Source
 Name of Place साफियात, सुल्तानपुर

Sl.No.	Characteristics	Result	Physical and Chemical		Remarks
			Acceptable	Cause for Rejection	
	<u>PHYSICAL TEST</u>				
1.	Turbidity	<u>10 M.T.U.</u>	IONTU	25 NTU	
2.	Colour	<u>Colourless</u>			
3.	Odour	<u>Odourless</u>	Unobjectionable	Objectionable	
4.	Ph	<u>7.8</u>	6.5 to 8.5	<6.5 to 9.2>	
	<u>CHEMICAL TEST</u>				
5.	Total Dissolved Solid	<u>307</u>	500	1500	
6.	Total Hardness as "CaCO3"	<u>256</u>	200	600	
7.	Chloride as "Cl"	<u>15</u>	200	1000	
8.	Fluoride as "F"	<u>0.29</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>0.07</u>	0.10	1.00	
12.	Alkalinity	<u>304</u>	200	600	
13.	Sulphate	<u>01</u>	200	400	
14.	Residual Chlorine (P.P.M.)	<u>NIL</u>	0.2	1.0	
	Arsenic (ppb)	<u>NIL</u>	10	50	

Office of The Executive Engineer IIIrd Construction Division (E/M), U.P. Jal Nigam, Faizabad
 Completion plan of Kasba-Mafiyat T.W.
 Name of Yazana/T.W. No. Location N.R.W.S.P., Kasba-Mafiyat, Sultanpur Dist. Sultanpur



1. Drilling by depth Rig - RC-600/27
2. Drilling started on - 24.5.15
3. Drilling completed on - 30.5.15
4. Date of lowering - 31.5.15
5. Total housing pipe - 35.80 m
6. Total plain pipe - 45.01 m
7. Total slotted pipe - 18.01 m
8. Size of assembly lowered - 300 x 150 mm
9. Size of drilling - 675 x 500 mm
10. Static water level - 14.64 m
11. Size of reducer - 300 x 150 mm
12. Sounding after lowering - 98.98 m
13. Total Assembly Lowered - 99.02 m



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

(Santosh Kumar)
 Assistant Engineer
 IIIrd Const. Div. (E/M),
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(M. Naseen)
 Executive Engineer
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