

Office of The Executive Engineer 11rd Const. Division (E/M) U.P. Jal Nigam, Faizabad

Completion plan of MAHMOODPUR JUNGLE at

Name of Yozana/T.W. No. & Location

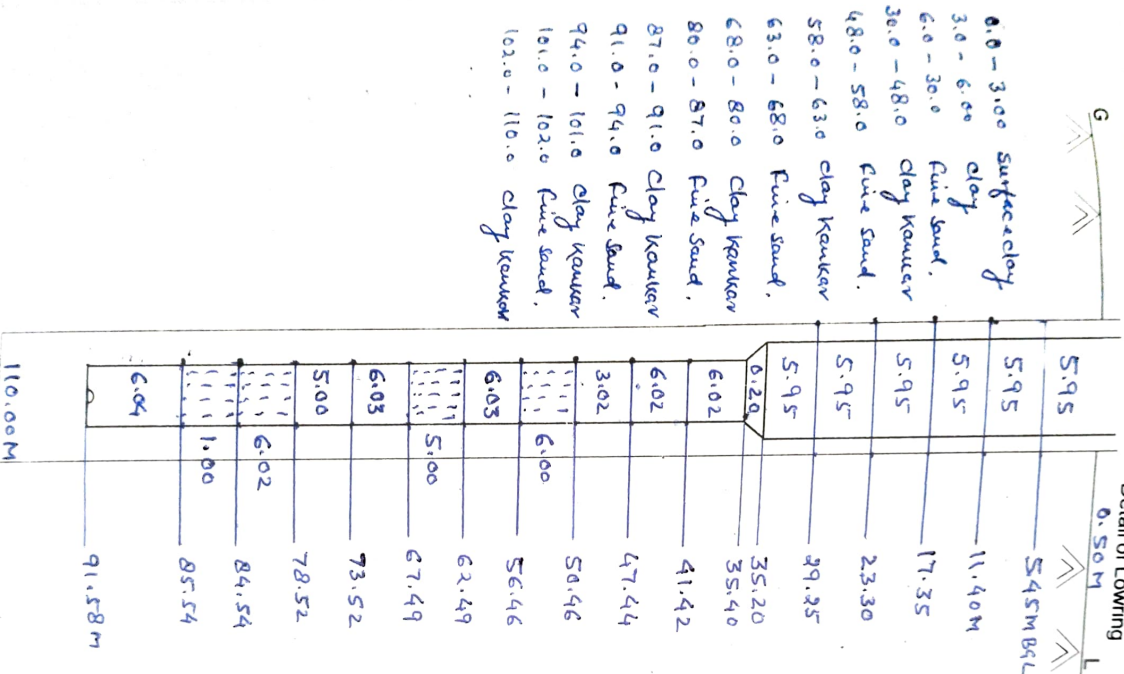
M. R. M. S. P.

Dist. SULTANPUR.

Detail of Strata

Detail of Lowering

(Not to Scale)



LOGGING REPORT.

1. 50.00 - 57.0 - 7.0M
 2. 62.00 - 68.0 - 6.0M
 3. 78.00 - 86.0 - 8.0M
- Good

(P. K. S. JAIN)
Junior Engineer
III Conts. Divi (E/M)
U.P. Jal Nigam Faizabad

(S. M. T. K. K. K.)
Assistant Engineer
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(A. K. Saxena)
Executive Engineer
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OFFICE EXECUTIVE ENGINEER CONSTRUCTION DIVISION-1 U.P. JAL NIGAM RAE BARELI
Physical and Chemical Analysis of Water Sample
DISTRICT LAB (RAH) RAE BARELI

TEST REPORT

Reference Letter No. 29/2011/RAH/RAE District RAE BAREILY
Source of Sample (Hand Pump or Tube Well) ✓ Tahsil RAE BAREILY
Source Condition 1-10-11 Block RAE BAREILY
Date of Sampling 5/10/12 Gram Panchayat RAE BAREILY
Date of Testing 5/10/12 Revenue Village (Sensus Code) RAE BAREILY
Name of Sample Collector RAE BAREILY Habitation RAE BAREILY
Name of Junior Engineer RAE BAREILY Year of Installation of Source RAE BAREILY
Name of Place RAE BAREILY

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	8.0	7.0 to 8.5	<6.5 to 9.2>	
<u>CHEMICAL TEST</u>					
4.	Total Dissolved Solid	561	500	1500	
5.	Total Hardness as "CaCO3"	240	200	600	
6.	Chloride as "Cl"	50	200	1000	
7.	Fluoride as "F"	1.2	1.00	1.50	
8.	Nitrates as "NO3"		45	>45	
9.	Nitrites as "NO2"	Nil	Nil		
10.	Iron as "Fe"	0.1	0.10	0.10	
11.	Alkalinity	240			
12.	Residual Chlorine (P.P.M.)	Nil			
13.					

Test Conducted by RAE BAREILY

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



UTTAR PRADESH JAL NIGAM

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Geophysical Borehole Logging Report

Name of the site: Mahmoodepur Jungle, Block-Motigaonpur
District : Sultanpur
Date : 04.07.2012
Depth logged : 98.0 / mbgl
Depth drilled : 100.0 / mbgl
Logger used : AXMS
Presence : Er. P.K. Srivastava, J.E.
Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1.	50.0 - 57.0	7.0	Good
2.	62.0 - 68.0	6.0	
3.	78.0 - 86.0	8.0	

Note.

Good

(Dr. R.A. Yadav)
Manager(GroundWater)

Copy:

1. C.E.(E.M), U.P.Jal Nigam, Lucknow. Faizabad
2. E.E., Jrd. CB (E.M), U.P.Jal Nigam. Good

Manager(GroundWater)

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.	:	MAHMOOD PUR JUNGLE.	5	Discharge measured by 90° 'V'-notch Tank	
2	Name of Scheme	:	N. R. W. S. P.	6	Static Water Level	: 10.66 M
3	Name of District	:	SULTANPUR	7	Sounding Before Development	: 36.57 M
4	Date of Test.	:	11.08.12	8	Sounding After Development	: 89.50 M

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	After						
									5Min	10Min	15Min	20Min	25Min	30Min	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	67.05 M	4.90 kg/cm ²	4.20 kg/cm ²	0.70 kg/cm ²	7.00 M	20.32/8" cm/inch	1578 L.P.M	8000	1800	1200	1000	700	450	350	250

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


(P.K. Srivastav)
Junior Engineer


(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- | महमूदपुर जंगल | 6. Taste of water- | Sweet |
| 2. Name of Dist.- | सुल्तानपुर | 7. Air line lowered- | 21 m |
| 3. Size of Tube-well- | (300/150) mm | 8. Sounding of Tubewell | m |
| 4. Column Assembly Lowered- | 21 m | 9. Date of Testing- | 24.8.12 |
| 5. Static water level- | 9.70 m | | |

S.NO	Discharge through 90° "V" 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-	6½	94.5	9.70	14.35	4.65	200	100	50	F	U	U	U	
2	6	77.6	9.70	13.65	3.95	50	T ₂	U	U	U	U	U	
3	5¾	67.5	9.70	13.10	3.40	F	U	U	U	U	U	U	
4	5½	62.2	9.70	12.95	3.25	U	U	U	U	U	U	U	

Note- Recommended Discharge ⁶⁵ LPM at ^{3.40} intr. Depression. as required

Test Conducted by

Seen

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

(Sandeep Kumar)
 Asst. Engineer
 3rd const division
 (E/M) Faizabad
(Aurvind Singh)
 J.E.
 Add. Div.
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(A.K. Saxena)
 Executive Engineer