

DRAWN



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

Completion plan of JATHAVTI KURMIYAN T.W. at Distt. FAIZABAD

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

(Not to Scale)

Detail of Strata	Detail of Lowring
3.02 Surface clay	5.92
6.09 Sandy clay	6.00
16.77 Very fine sand	5.87
	5.92
Medium sand.	6.09
30.40	5.92
37.00 clay + kunkar.	6.10
	5.50
Medium sand + kunkar.	5.97
47.90	5.97
57.50 clay	52.89
Medium sand + kunkar	50.84
59.90	5.97
63.00 clay	64.81
	5.94
Medium sand + kunkar.	5.97
89.00	5.97
	5.95
116.50 clay	6.00
119.00 Hard clay.	

- 1 Size of drilling depth
- 2 Drilling by depth Rig
- 3 Drilling started on
- 4 Drilling completed on
- 5 Date of lowring
- 6 Total housing pipe
- 7 Total plain pipe
- 8 Total slotted pipe
- 9 Size of assembly lowered
- 10 size of drilling
- 11 Static water level
- 12 Size of reducer
- 13 Sounding after lowring

ZONE TESTING

- Zone I — 30m — 47.90m
 Zone II — 57.50 — 59.90m
 Zone III — 63.00 — 64.81m

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 U P Jal Nigam Faizabad

(Madan Lal)
 Assistant Engineer
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(A. K. SINGH)
 Executive Engineer
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 U P Jal Nigam Faizabad

OFFICE OF THE EXECUTIVE ENGINEER, III 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. :- Jathauti Kormiyau
2. Name of Scheme :- Jathauti Kormiyau w/s Scheme (NRWSP)
3. Distt. :- Barabanki
4. Date of test :- 10/08/2010
5. Discharge measured by :- 90°V Notch Tank
6. Static water level :- 8.5 m.
7. Sounding before development :- 86 m.
8. Sounding After Development :- 93.6 m.

S.I. No.	Air line Lowerd 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 cm. /Inches	In L.P.M.	Starting	AFTER						
									5 Min	10 Min	15 Min	20 Min	25 Min	30 Min	
1	84.0	9.5	9.0	0.5	5	6½"	945	4000	1200	800	600	300	200	150	

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

Test Conducted by

Seen

(Signature)

(Sandeep Kumar Yadav)
Junior Engineer

(Signature)

(MADAN LAL)
Assistant Engineer

(Signature)

(A.K.Saxena)
Executive Engineer

OFFICE OF THE EXECUTIVE ENGINEER, HIRD 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- <u>Sethaury Kurmijan T.W.</u> | 6. Taste of water- <u>Sweet</u> |
| 2. Name of Dist.- <u>Barabanki</u> | 7. Air line lowered- <u>2.1 m</u> |
| 3. Size of Tube-well- <u>200mm x 100mm</u> | 8. Sounding of Tubewell <u>96-30 m</u> |
| 4. Column Assembly Lowered- <u>2.1 m</u> | 9. Date of Testing- <u>12.9.10</u> |
| 5. Static water level- <u>6.25 m</u> | |

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	945	6.25	8.65	2.40	200	Tr	U	U	U	U	U	U	
2.	6"	776	6.25	8.45	2.20	50	U	U	U	U	U	U	U	
3.	5¼"	557	6.25	8.20	1.95	Tr	U	U	U	U	U	U	U	

Note- Recommended Discharge 500 LPM at 1.95 mtr. Depression.

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

Santosh Kumar
 (Santosh Kumar)
 Asst. Engineer
 3rd const. division
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D. C. Rawat
 (D. C. Rawat)
 Asst. Engr.
 CONST. DIVISION
 U.P. JAL NIGAM
 Barabanki

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 (A.K. Saxena)
 Executive Engineer

Seen



OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION I
U.P. JAL NIGAM, RAE BARELI

Physical and Chemical analysis of Water Sample
Dutch Lab Rahi, Raebareli



TEST REPORT

Name of Division : Executive Engineer ^{III}
Const. Division, U.P. Jal Nigam... ^{Firm} Faizabad
Reference Letter No.
Source of sample : India Mark II / T.W.
Date of sampling... 20/9/10
Date of Test... 23/9/10
Name of sample collector.....

Location of Source... जोठ उती घमझमे
Name of Village/Town.....
Code No.
Tehsil/Block... हरि मावाक
District... वाराणसी

Sl. No.	CHARACTERISTICS	RESULTS	PHYSICAL AND CHEMICAL STANDARD		REMARKS
			ACCEPTABLE	CAUSE FOR REJECTION	
	<u>PHYSICAL TEST</u>				
1.	Colour	Colourless	5.0	5.0	
2.	Odour	Odourless	Unobjectionable	Objectionable	
3.	Ph.	7.6	7.0 to 8.5	<6.5 to 9.2>	
	<u>CHEMICAL TEST</u>				
4.	Total dissolved solids (mg/lit)	400	500	1500	
5.	Total hardness "as CaCO ₃ "	260	200	600	
6.	Chlorides "as Cl".....	10	200	1000	
7.	Fluorides "as F".....	0.9	1.0	1.5	
8.	Nitrates "as NO ₃ ".....		45	>45	
9.	Nitrites "as NO ₂ ".....	Nil	NIL		
10.	Iron "as Fe".....	0.05	0.1	1.0	
11.	Alkalinity	310			
12.	Residual Chlorine (p.p.m.)	Nil			
13.					

Test Conducted By

ASSISTANT ENGINEER
Const. Div-I U.P. Jal Nigam
Raebareli

R
am

~~SECRET~~

(18)

OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION I
U.P. JAL NIGAM, RAE BARELI



Physical and Chemical analysis of Water Sample
Dutch Lab Rahi, Raebareli



TEST REPORT

Name of Division : Executive Engineer ^{IIIrd} Location of Source..... जोन (1)
Const. Division, U.P. Jal Nigam... Faizabad
Reference Letter No Camp/1/..... 27/10 Name of Village/Town..... उठोली बुर्गी गाँव
Source of sample : India Mark II / T.W. Code No.
Date of sampling..... 29/6/10 Tehsil/Block..... हरियावाह
Date of Test..... 27/10 District..... बलियाँ
Name of sample collector.....

Name of sample collector.....			District.....		
Sl. No.	CHARACTERISTICS	RESULTS	PHYSICAL AND CHEMICAL STANDARD		REMARKS
			ACCEPTABLE	CAUSE FOR REJECTION	
<u>PHYSICAL TEST</u>					
1.	Colour	Colourless	5.0	5.0	
2.	Odour	Odourless	Unobjectionable	Objectionable	
3.	Ph.	<u>7.5</u>	7.0 to 8.5	<6.5 to 9.2>	
<u>CHEMICAL TEST</u>					
4.	Total dissolved solids (mg/lit)	<u>400</u>	500	1500	
5.	Total hardness "as CaCO ₃ "	<u>310</u>	200	600	
6.	Chlorides "as Cl".....	<u>40</u>	200	1000	
7.	Fluorides "as F".....	<u>0.8</u>	1.0	1.5	
8.	Nitrates "as NO ₃ ".....	<u>Nil</u>	45	>45	
9.	Nitrites "as NO ₂ ".....	<u>0.1</u>	NIL		
10.	Iron "as Fe".....	<u>320</u>	0.1	1.0	
11.	Alkalinity	<u>Nil</u>			
12.	Residual Chlorine (p.p.m.)				
13.					

ASSISTANT ENGINEER
Const. Div-I U.P. Jal Nigam
Raebareli

Test Conducted By



OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION I U.P. JAL NIGAM, RAE BARELI

Physical and Chemical analysis of Water Sample
Dutch Lab Rahi, Raebareli



TEST REPORT

Name of Division : Executive Engineer

Location of Source.....

Const. Division, U.P. Jal Nigam... Faizabad

Name of Village/Town.....

Reference Letter No. Conf/1/..... Date 21/11/10

Code No.

Source of sample : India Mark II / T.W.

Tehsil/Block.....

Date of sampling..... 11/7/10

District.....

Date of Test..... 21/7/10

Name of sample collector.....

Name of sample collector.....			District.....		
Sl. No.	CHARACTERISTICS	RESULTS	PHYSICAL AND CHEMICAL STANDARD		REMARKS
			ACCEPTABLE	CAUSE FOR REJECTION	
<u>PHYSICAL TEST</u>					
1.	Colour	Colourless	5.0	5.0	
2.	Odour	Odourless	Unobjectionable	Objectionable	
3.	Ph.	8.6	7.0 to 8.5	<6.5 to 9.2>	
<u>CHEMICAL TEST</u>					
4.	Total dissolved solids (mg/lit)	300	500	1500	
5.	Total hardness "as CaCO ₃ "	260	200	600	
6.	Chlorides "as Cl".....	20	200	1000	
7.	Fluorides "as F".....	0.8	1.0	1.5	
8.	Nitrates "as NO ₃ ".....		45	>45	
9.	Nitrites "as NO ₂ ".....	Nil	NIL		
10.	Iron "as Fe".....	0.1	0.1	1.0	
11.	Alkalinity	240			
12.	Residual Chlorine (p.p.m.)	Nil			
13.					

Test Conducted By

ASSISTANT ENGINEER
Const. Div-I U.P. Jal Nigam
Raebareli

OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION I
U.P. JAL NIGAM, RAE BARELI

Physical and Chemical analysis of Water Sample
Dutch Lab Rahi, Raebareli

TEST REPORT

Office of Division : Executive Engineer

at Division, U.P. Jal Nigam, Faizabad

Reference Letter No. Const/1/Dec 27/10

Source of sample : India Mark II / T.W.

Date of sampling 2/7/10

Date of Test 2/7/10

Name of sample collector

Location of Source 30 3

Name of Village/Town 30 3

Code No.

Tehsil/Block 2/7/10

District 2/7/10

CHARACTERISTICS	RESULTS	PHYSICAL AND CHEMICAL STANDARD		REMARKS
		ACCEPTABLE	CAUSE FOR REJECTION	
PHYSICAL TEST				
Colour	Colourless	5.0	5.0	
Odour	Odourless	Unobjectionable	Objectionable	
Ph.	<u>7.6</u>	7.0 to 8.5	<4.5 to >12>	
CHEMICAL TEST				
Total dissolved solids (mg/lit)	<u>300</u>	500	1500	
Total hardness "as CaCO ₃ "	<u>300</u>	200	500	
Chlorides "as Cl"	<u>10</u>	200	1000	
Fluorides "as F"	<u>0.0</u>	1.0	1.5	
Nitrates "as NO ₃ "	_____	45	>45	
Nitrites "as NO ₂ "	<u>Nil</u>	NIL	_____	
Iron "as Fe"	<u>0.1</u>	0.1	1.0	
Alkalinity	<u>240</u>	_____	_____	
Residual Chlorine (p.p.m.)	<u>Nil</u>	_____	_____	

Test Conducted By [Signature]

ASSISTANT ENGINEER
Const. Div-I U.P. Jal Nigam
Raebareli