

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

Completion plan of BICHIALKA T.W. at BICHIALKA Distt. BARABANKI

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

Detail of Strata

Detail of Lowring

(Not to Scale)

3.05m SURFACE CLAY
6.10m VERY FINE SAND
7.93m KANKAR
PINE SAND
19.80m
24.39m MEDIUM SAND
25.90m CLAY
27.26m MEDIUM SAND
CLAY + KANKAR
38.72m
MEDIUM SAND
+ SAND STONE
50.91m
52.44m CLAY + KANKAR
MEDIUM SAND
+ KANKAR
62.50m
CLAY + KANKAR
72.26m
FINE TO MEDIUM SAND
+ SAND STONE
97.50m
CLAY + KANKAR
110.80m
114.35m SANDY CLAY
CLAY
120.00m

5.99	0.145m AGL
5.98	
6.00	
6.00	
6.02	
5.99	
6.20	35.53m
6.00	34.73m
	41.73m
6.03	47.76m
6.01	53.77m
6.01	59.78m
6.00	
6.00	
4.00	75.78m
6.01	81.79m
2.00	83.79m
6.01	
6.00	95.80m
3.00	98.80m

1. Size of drilling depth 675mm - 0-40m
2. Drilling by deptt Rig 500mm - 40 - 120m
3. Drilling started on R.C. 6/5/27
4. Drilling completed or - 5.3.14
5. Date of lowring - 14.3.14
6. Total housing pipe - 35.98m
7. Total plain pipe - 33.01m
8. Total slotted pipe - 30.66m
9. Size of assembly lowered - 300mm x 150mm
10. size of drilling - 675mm x 500mm
11. Static water level - 8.0m
12. Size of reducer - 300mm x 150mm
13. Sounding after lowring - 99.25m
14. Total Assembly lowered - 99.21m

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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.	:	BICHALKA T.W.	5	Discharge measured by 90° V'-notch Tank	
2	Name of Scheme	:	N.R.W.S.P.	6	Static Water Level	: 8.22 M
3	Name of District	:	BARABANKI	7	Sounding Before Development	: 94.50 M
4	Date of Test.	:	29.03.14	8	Sounding After Development	: 98.00 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.		After						
									5Min	10Min	15Min	20Min	25Min	30Min	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	79.25 m	7.00 kg/cm ²	6.58 kg/cm ²	0.42 kg/cm ²	4.20 m	23.49/9 1/4 cms/inch	2249 L.P.M	6800	1100	800	600	500	400	350	

Note - Recommended for development by D.O. unit:

Test Conducted by

Seen

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YIELD TEST REPORT OF T.W BY 3 CUSEC O.P. UNIT

1. Name of T.W./Scheme- Bichhalakha T.W.
2. Name of Dist.- Barabanki
3. Size of Tube-well-(300 X 150) mm
4. Column Assembly Lowered- 21 m
5. Static water level- 8.55 m
6. Taste of water- Potable
7. Air Line Lowered - 21 m
8. Sounding of Tubewell after development- 96.25 m
9. Date of Testing- 6.4.14

S.NO	Discharge By 900 "V" Natch Tank		S.W.L in meters	R.W.L in meters	Depression in meters	Sand contents in P.P.M.						Remark	
						Starting	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.		30 Min.
	Inches	L.P.M.											
1	8	1578	8.55	11.60	3.05	400	200	100	50	50	Tr	U	
2.	7½	1346	8.55	11.35	2.80	200	100	50	Tr	Tr	U	U	
3	6¾	1000	8.55	11.05	2.50	Tr	U	U	U	U	U	U	

Note- Recommended Discharge / 1000 LPM at 2.5 mtr. depression

Test Conducted by

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