

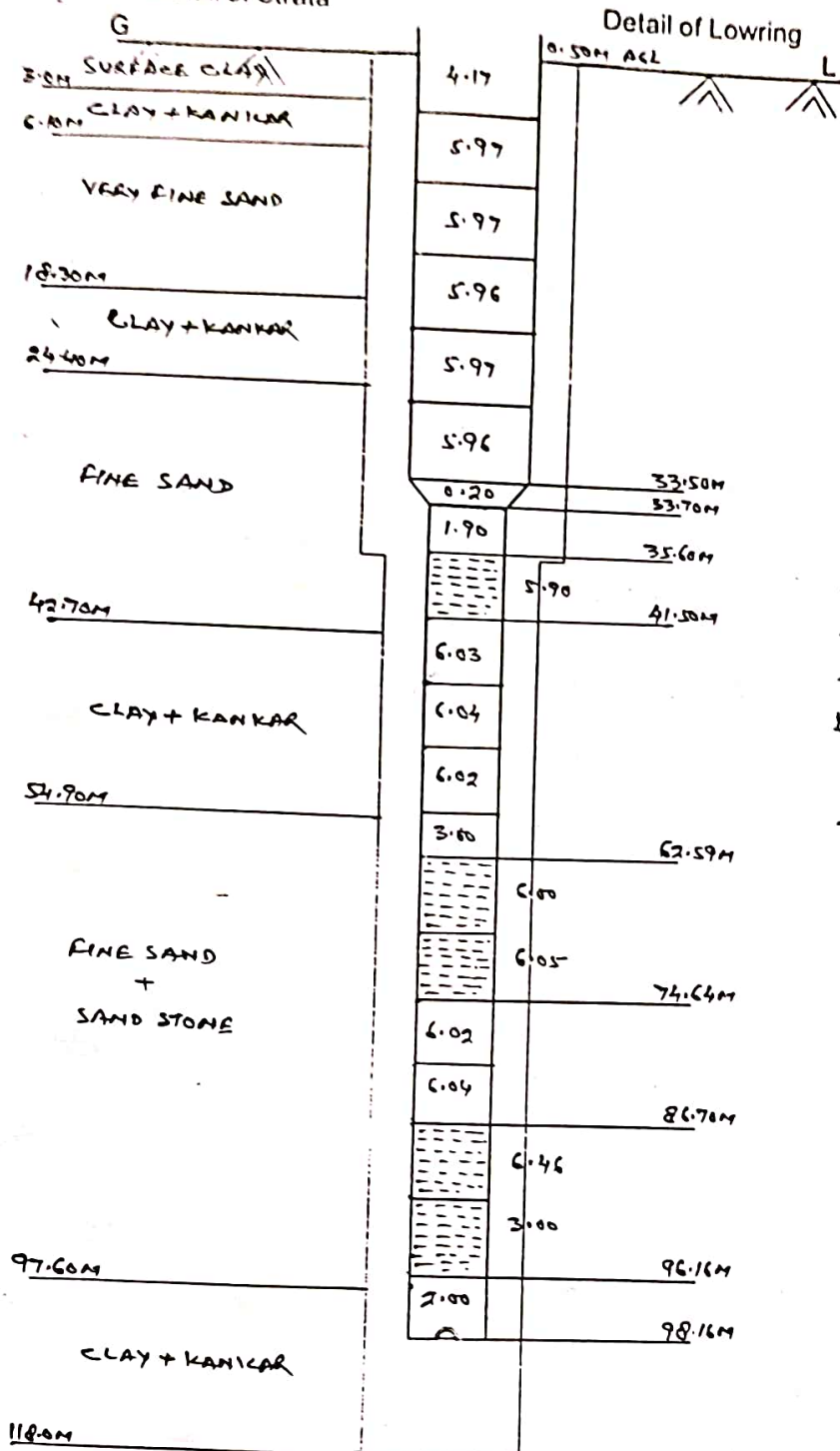
Office of The Executive Engineer IIIrd Const. Division (E/M) U.P. Jal Nigam, Faizabad

Completion plan of BARAUSA T.W. No. 2 T.W. at BARAUSA Distt. SULTANPUR

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

Detail of Strata

(Not to Scale)



1. Size of drilling depth 675mm - 0-400mm
2. Drilling by dept Rig - LTDC-1500
3. Drilling started on - 1.11.13
4. Drilling completed on - 10.11.13
5. Date of lowering - 17.11.13
6. Total housing pipe - 34.0M
7. Total plain pipe - 37.05M
8. Total slotted pipe - 27.41M
9. Size of assembly lowered - 300mm x 150mm
10. size of drilling - 675mm x 500mm
11. Static water level - 7.5M
12. Size of reducer - 300mm x 150mm
13. Sounding after lowering - 98.50M
14. Total Assembly lowered - 98.66M

"LOGGING REPORT"

35.0M — 42.0M
62.0M — 75.0M
85.0M — 97.0M

(R.B. MAURYA)
Junior Engineer
III Conts. Divi. (E/M)
U.P. Jal Nigam Faizabad

(SANTOSH KUNAR)
Assistant Engineer
III Conts. Divi. (E/M)
U.P. Jal Nigam Faizabad

(A.K. Saxena)
Executive Engineer
III Conts. Divi. (E/M)
U.P. Jal Nigam Faizabad



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Telephone 0522- 2230712
FAX 0522- 2625586

UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow

Ref. :-

Geophysical Borehole Logging Report

Name of the site: Barausa H/w - 2
District : Sultanpur
Date : 13.11.2013
Depth logged : 110.0 / mbgl
Depth drilled : 110.0 / mbgl
Logger used : U.P.N.
Presence : Er. R. B. Maurya, 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.	35.0 - 42.0	7.0	Good
2.	62.0 - 75.0	13.0	
3.	85.0 - 97.0	12.0	
	/	/	/

Note.

(Dr. R. A. Yadav)
Manager(Ground Water)

Copy;

1. C.E.(E/M), U.P.Jal Nigam, Lucknow.
2. E.E., IIIrd. C.D. (E/M), U.P.Jal Nigam, Faizabad
for information and necessary action.

Manager(Ground Water)

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.	:	BARAUSA T.W. No 2	5	Discharge measured by 90° 'V'-notch Tank
2	Name of Scheme	:	N.R.W.S.P.	6	Static Water Level : 11.50 M
3	Name of District	:	SULTANPUR	7	Sounding Before Development : 38.00 M
4	Date of Test.	:	16.01.14	8	Sounding After Development : 97.60 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
1.39.65 M		3.50 kg/cm ²	3.22 kg/cm ²	0.28 kg/cm ²	2.80 M	18.12/7¼ cm/inch	12.44 L.P.M	10000	1200	1000	800	700	600	450	

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

Test Conducted by

Seen

(SATYANAM)
Junior Engineer

(SANTOSH KUMAR)
Assistant Engineer

(A.K. Saxena)
Executive Engineer

OFFICE OF THE EXECUTIVE ENGINEER, IIIRD CONSTRUCTION DIVISION (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- Bayona T.W 2
2. Name of Dist.- Sultanpur
3. Size of Tube-well-(300 X 200) mm
4. Column Assembly Lowered-21 m
5. Static water level- 8.65 m

6. Taste of water- Portable
7. Air Line Lowered - 21 m
8. Sounding of Tubewell after development- 11.50 m
9. Date of Testing- 29.01.14

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.	7½	1346	8.65	10.35	1.70	150	100	50	50	70	70	70	
2.	7	1142	8.65	10.15	1.50	50	70	70	20	20	20	20	
3.	6¾	1035	8.65	9.90	1.25	50	70	20	20	20	20	20	

Note- Recommended Discharge 1000 LPM at 1.25 mtr. depression
Pump should be run in by-pass for 10 min before supply. Test Conducted by

Seen

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

Santosh Kumar
 (Santosh Kumar)
 Asst. Engineer
 3rd const division
 (E/M) Faizabad

(A.K. Saxena)
 Executive Engineer