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

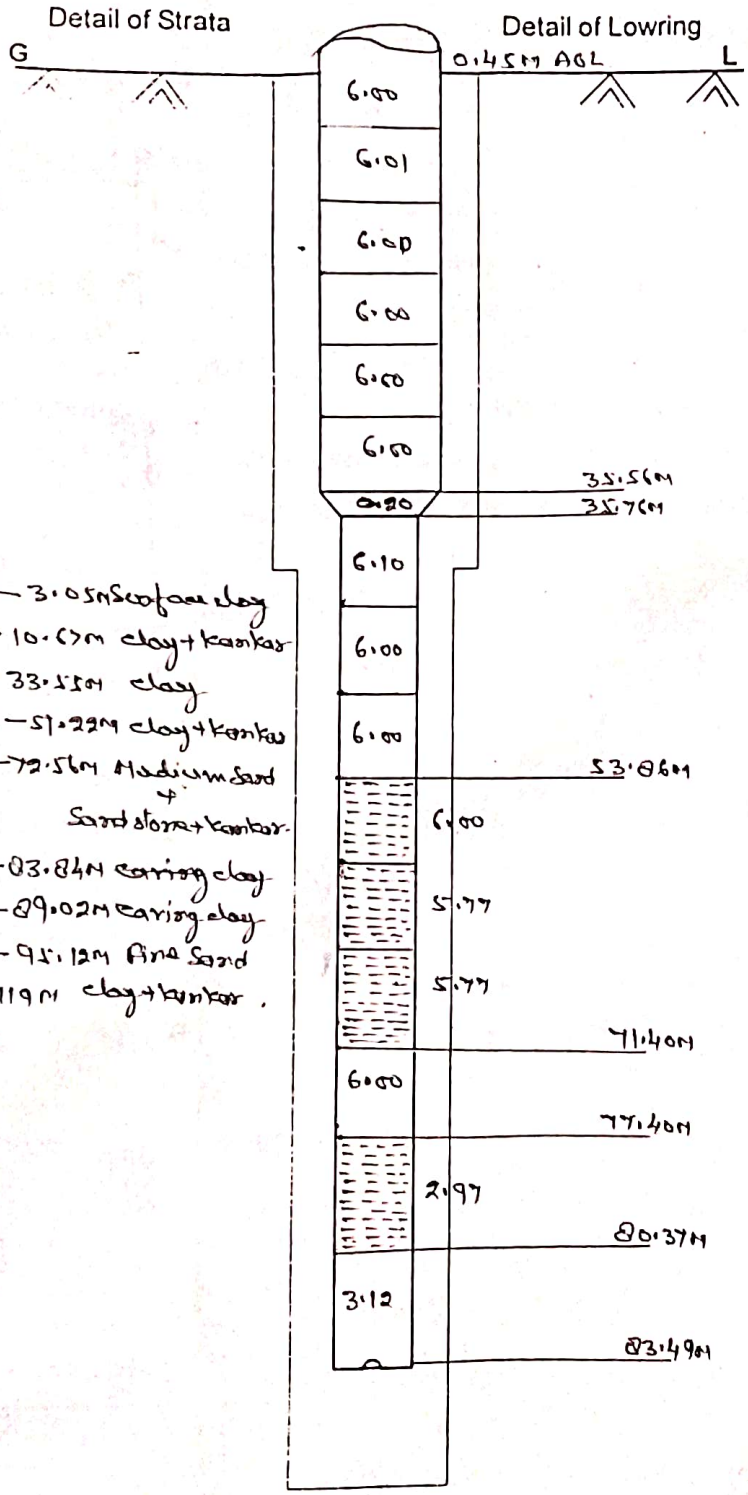
Completion plan of .....ANSARI..... T.W. at .....ANSARI..... Distt. BARABANKI

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

(Not to Scale)

Detail of Strata

Detail of Lowring



0 — 3.05M Soft clay
3.05 — 10.67M clay + kankar
10.67 — 33.55M clay
33.55 — 51.22M clay + kankar
51.22 — 72.56M Medium Sand + Sand stone + kankar.
72.56 — 83.84M caring clay
83.84 — 89.02M caring clay
89.02 — 95.12M Fine Sand
95.12 — 119M clay + kankar.

1. Size of drilling depth 675 mm — 0 — 40M, 550 mm — 40 —
2. Drilling by deptt Rig - R.C. 660/27
3. Drilling started on - 23.3.14
4. Drilling completed on - 4.4.14
5. Date of lowring - 5.4.14
6. Total housing pipe - 36.01M
7. Total plain pipe - 27.22M
8. Total slotted pipe - 20.51M
9. Size of assemply lowered - 300 mm × 200 mm
10. size of drilling - 675 mm × 550 mm
11. Static water lavel - 6.0M
12. Size of reducer - 300 mm × 200 mm
13. Sounding after lowring - 83.94M
14. Total Assembly Lowered - 83.94M

LOGGING REPORT.

52M — 72M
77M — 81M.

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

(P.K. SRIVASTAV)
Asisstant Engineer
III Conts. Divi.(E/M)
U.P. Jal Nigam Faizabad

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

Telephone 0522- 2230717
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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Ansari- Haidergarh
District : Barabanki
Date : 03.04.2014
Depth logged : 118.0 mbgl
Depth drilled : 119.0 mbgl
Logger used : AXWS
Presence : Er. P.K.Srivastava,A.E. & 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	52.0------72.0	20.0	Good
2	77.0-----81.0	4.0	

Note.

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

cc.

1. C.E.(E/M), U.P.Jal Nigam, Lucknow
2. E.E., IIIrd. T.C.D. (E/M), U.P. Jal Nigam, Faizabad

for information and necessary action.

Manager(Ground Water)

OFFICE EXECUTIVE ENGINEER CONSTRUCTION DIVISION-1 U.P. JAL NIGAM RAE BARELI
Physical and Chemical Analysis of Water Sample
DISTRICT LAB (RAHI) RAE BARELI

TEST REPORT

Reference Letter No Compl.-1/1 Dt. 4.4.14
Source of Sample (Hand Pump or Tube Well) T/W
Source Condition 52 HP - 72 HP
Date of Sampling 3/4/14
Date of Testing 4/4/14
Name of Sample Collector श्री आर० के० यादव
Name of Junior Engineer श्री आर० के० मौर्य

District बारा बंकी
Tahsil
Block हैदरगढ़
Gram Panchayat
Revenue Village (Sensus Code)
Habitation
Year of Installation of Source
Name of Place ग्राम सारी ग्रामीण पेय जलयोजना

Sl. No.	Characteristics	Result	Physical and Chemical		Remarks
			Acceptable	Cause for Rejection	
	PHYSICAL TEST				
1.	Colour	Colourless	IONTU	25 NTU	
2.	Odour	Odourless	Unobjectionable	Unobjectionable	
3.	Ph	7.7	7.0 to 8.5	<6.5 to 9.2>	
	CHEMICAL TEST				
4.	Total Dissolved Solid	348	500	1500	
5.	Total Hardness as "CaCO3"	300	200	600	
6.	Chloride as "Cl"	50	200	1000	
7.	Fluoride as "F"	0.7	1.00	1.50	
8.	Nitrates as "NO3"	Nil	45	>45	
9.	Nitrites as "NO2"	Nil	Nil		
10.	Iron as "Fe"	0.1	0.10	0.10	
11.	Alkalinity	340			
12.	Residual Chlorine (P.P.M.)	Nil			
13.					

Test Conducted by

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

(35)

(11/13)

OFFICE EXECUTIVE ENGINEER CONSTRUCTION DIVISION-1 U.P. JAL NIGAM RAE BARELI
Physical and Chemical Analysis of Water Sample
DISTRICT LAB (RAHI) RAE BARELI

TEST REPORT

Reference Lattar No Cancel/1/1 Dt-4-4-14
Source of Sample (Hand Pump or Tube Well) T/W
Source Condition 77 हैंड - 21 हैंड
Date of Sampling 3/4/14
Date of Testing 4/4/14
Name of Sample Collector श्री [illegible]
Name of Junior Engineer श्री [illegible]

District बाराबंकी
Tahsil हैदरगढ़
Block हैदरगढ़
Gram Panchayat
Revenue Village (Sensus Code)
Habitation
Year of Installation of Source
Name of Place आंगनवाड़ी प्राथमिक विद्यालय [illegible]

Sl. No.	Characteristics	Result	Physical and Chemical		Remarks
			Acceptable	Cause for Rejection	
	PHYSICAL TEST				
1.	Colour	Colourless	IONTU	25 NTU	
2.	Odour	Odourless	Unobjectionable	Unobjectionable	
3.	Ph	7.7	7.0 to 8.5	<6.5 to 9.2>	
	CHEMICAL TEST				
4.	Total Dissolved Solid	361	500	1500	
5.	Total Hardness as "CaCO3"	310	200	600	
6.	Chloride as "Cl"	40	200	1000	
7.	Fluoride as "F"	0.7	1.00	1.50	
8.	Nitrates as "NO3"	Nil	45	>45	
9.	Nitrites as "NO2"	Nil	Nil	.....	
10.	Iron as "Fe"	0.1	0.10	0.10	
11.	Alkalinity	320			
12.	Residual Chlorine (P.P.M.)	Nil			
13.					

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

Test Conducted by

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जल -परीक्षण प्रयोगशाला, अति० निर्माण खण्ड उत्तर प्रदेश जल निगम, सुलतानपुर

सेवा में, अधिशासी अभियन्ता
अति० तृतीय निर्माण खण्ड (नि०/पा०)
उत्तर प्रदेश जल निगम बाराबंकी

दिनांक.....

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परीक्षण आज्ञा संख्या 351 / लै० / सुलतानपुर दिनांक.....
आपके पत्रांक 1/अंसारी दिनांक 17.6.14 के संदर्भ में परीक्षण आज्ञा प्रेषित की जा रही है।

क्रमांक संख्या	स्थान/ग्राम का नाम	कोड संख्या	ग्राम पंचायत	मजरे का नाम	ब्लाक	तहसील	स्रोत का नाम/ इन्डेंटिंग संख्या	भौतिक परीक्षण			रासायनिक परीक्षण (पी.पी.एम. में)									
								रंग	गंध	टी.डी.एस. (पी.पी.एम. में)	पी.एच.	क्लोराइड	नाइट्रेट	आयरन	फ्लोराइड	सल्फेट	सम्पूर्ण कठोरता	मैग्नीशियम	कैल्शियम	आर्सेनिक
6576	अंसारी नलकूप बाराबंकी		जनपद बाराबंकी	-	-	-	T-14	स्वच्छ	गन्धहीन	572	8.3	20	.003	0.4	0.2	3.6	300	4.2	240	

1. सी०पी०सी०बी०/यू०पी० के मानक में उल्लिखित अधिकतम सीमा से अधिक के स्थानों को रेखांकित किया गया है।
2. मानकों के लिए मूल्य पृष्ठ 2 पर दर्शाये हैं।

प्रयोगशाला सहायक

(सहायक अभियन्ता प्रयोगशाला)

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.	:	ANSARI	5	Discharge measured by 90⁰ 'V'-notch Tank		
2	Name of Scheme	:	N. R. W. S. P.	6	Static Water Level	:	3.65 M
3	Name of District	:	BARABANKI	7	Sounding Before Development	:	76.20 M
4	Date of Test.	:	06.06.14	8	Sounding After Development	:	82.00 M

Sl. No.	Air line lowered in Mtr.	Pressure in Kg/cm²		Depression		Discharge through 90⁰ 'V'-notch		Sand contents in P.P.M.							Remark
		Starting	Running	In kg/cm²	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.	79.25 M	7.00 kg/cm²	6.58 kg/cm²	0.42 kg/cm²	4.20 M	25.40/10 cms/inch	2706 L.P.M	6400	1000	700	500	450	300	200	

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

Test Conducted by

(SATNAM)
Junior Engineer

(P.K. SRIVASTAVA)
Assistant Engineer

Seen

(A.K. Savena)
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- Ansari Tw.
2. Name of Dist.- Barabanki
3. Size of Tube-well-(300 X 210) mm
4. Column Assembly Lowered-21 m
5. Static water level- 4.80 m
6. Taste of water- potable
7. Air Line Lowered - 21 m
8. Sounding of Tubewell after development-8.8 m
9. Date of Testing- 15.6.14

S.N0	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
	Inches	L.P.M.				Starting	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.	30 Min.	
1	8 1/2	1831	4.80	7.45	2.65	300	150	100	50	50	Tr	"	
2	8	1578	4.80	7.15	2.35	100	50	Tr	"	"	"	"	
3	7 1/4	1244	4.80	6.95	2.15	Tr	"	"	"	"	"	"	

Note- Recmmended Discharge 1200 LPM at 2.15 mtr. depression

Test Conducted by

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

(P.K. Srivastava)
Asst. Engineer
3rd const division
(E/M) Faizabad

Seen

(A.K. Saxena)
Executive Engineer