

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

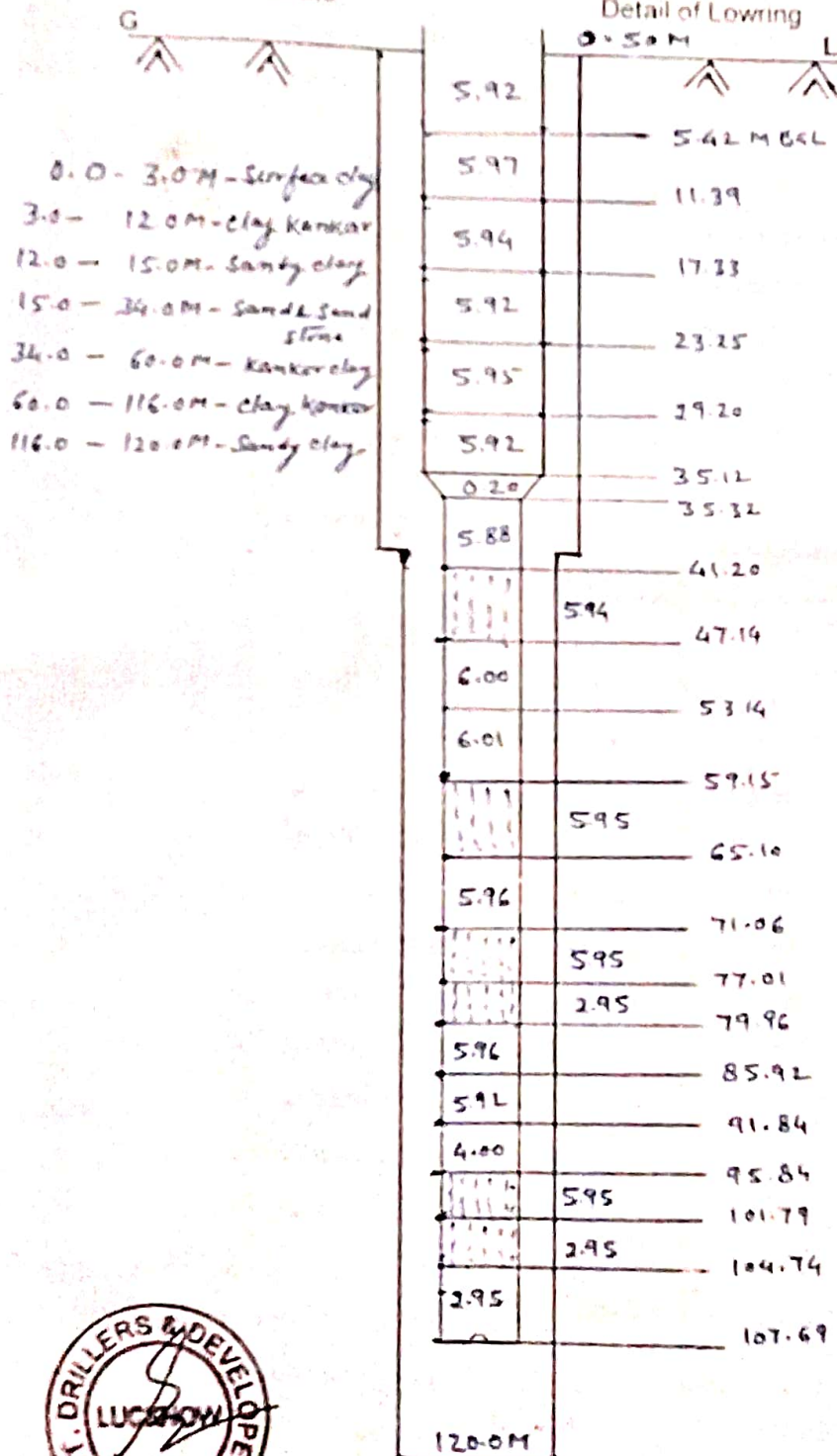
Completion plan of ISLAMPUR T.W. at DEVPURA Distt BARABANKI

Name of Yozana/T.W. No. & Location N. R. W. S. P.

Detail of Strata

Detail of Lowring

(Not to Scale)



1. Size of drilling depth - 675mm - 45.0M
2. Drilling by PT Rig M/L C.T.T. Drillers & Developers Ltd
3. Drilling started on - 30.5.12
4. Drilling completed on - 05.6.12
- 5a) Date of Logging - 05.6.12
- 5b) Date of lowring - 06.6.12
6. Total housing pipe 12" - 35.62M
7. Total plain pipe 8" - 42.68M
8. Total slotted pipe 8" - 29.69M
9. Size of assembly lowered - 300 x 200mm
10. size of drilling - 675 x 550mm
11. Static water level - -
12. Size of reducer - 0.20M
13. Sounding after lowring - 108.00M

LOGGING REPORT.

1. 40.0 - 48.0 - 8.0M
2. 52.0 - 55.0 - 3.0M
3. 59.0 - 66.0 - 7.0M
4. 70.0 - 80.0 - 10.0M
5. 95.0 - 105.0 - 10.0M

Good
All zones
are
inter
mixed
with Kankar



Junior Engineer
III Const. Div. (E/M)
U.P. Jal Nigam Faizabad

(SANTOSH NUMAR)
Assistant Engineer
III Const. Div. (E/M)
U.P. Jal Nigam Faizabad

(A.K. Patena)
Executive Engineer
III Const. Div. (E/M)
U.P. Jal Nigam Faizabad

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. 221/2012/157 District बाराबंकी
Source of Sample (Hand Pump or Tube Well) 12 Tahsil
Source Condition Block
Date of Sampling 28/8/12 Gram Panchayat
Date of Testing 3/9/12 Revenue Village (Sensus Code)
Name of Sample Collector Habitation
Name of Junior Engineer श्री राम लखित Year of Installation of Source
Name of Place इस्लाम पुर

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	7.7.....	7.0 to 8.5	<6.5 to 9.2>	
	<u>CHEMICAL TEST</u>				
4.	Total Dissolved Solid	720..	500	1500	
5.	Total Hardness as "CaCO3"	260..	200	600	
6.	Chloride as "Cl"	80	200	1000	
7.	Fluoride as "F"	1.1...	1.00	1.50	
8.	Nitrates as "NO3"		45	>45	
9.	Nitrites as "NO2"	11.2..	Nil		
10.	Iron as "Fe"	0.1..	0.10	0.10	
11.	Alkalinity	320			
12.	Residual Chlorine (P.P.M.)	11.2			
13.					

Test Conducted by

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



Telephone 0522-2239137
FAX 0522-2239136

UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow

Ref. :-

Geophysical Borehole Logging Report

Name of the site: Islampur
District : Barabanki
Date : 05-06-2012
Depth logged : 115.0 / mbgl
Depth drilled : 120.0
Logger used : AXWS
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.	40.0 - 48.0	8.0	Good (All zones are intermixed with Konker)
2.	52.0 - 55.0	3.0	
3.	59.0 - 66.0	7.0	
4.	70.0 - 80.0	10.0	
5.	95.0 - 105.0	10.0	
	/	/	/

Note.

[Signature]

(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, Patna
for information and necessary action.

[Signature]

Manager (Ground Water)

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. :- ISLAMPUR
2. Name of Scheme :- N.R.W.S.P
3. Distt. :- BARA BANKI
4. Date of test :- 26.06.12.
5. Discharge measured by :- 90" V" Notch Tank
6. Static water level :- 6.70 M
7. Sounding before development :- 100.60 M
8. Sounding After Development :- 105.75 M

S.I. No.	Air line Lowerd 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 cm. /Inches	In L.P.M.		AFTER						
									5 Min	10 Min	15 Min	20 Min	25 Min	30 Min	
1.	76.00 M	6.02 kg/cm ²	5.32 kg/cm ²	0.70 kg/cm ²	7.00 M	26.07 7 3/4" cm/inch	1460 L.P.M	15,000	8000	5000	3000	2500	1500	800	

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

Test Conducted by

Seen



[Signature]

Junior Engineer
(P. & S. Division)

[Signature]

Assistant Engineer
(S. & T. Division)

[Signature]

Executive Engineer
(A. & S. Division)

[Signature]

OFFICE OF THE EXECUTIVE ENGINEER, HIRD CONSTRUCTION KHAND (E/M), U.P. JAL NIGAM, FAIZABAD
FIELD TEST REPORT OF T.W BY 3 CUSEC O.P. UNIT

1. Name of T.W./Scheme- सुरासरी
 2. Name of Dist.- अजमेर
 3. Size of Tube-well- 300mm x 200mm
 4. Column Assembly Lowered- 21 m
 5. Static water level- 6.20 m

6. Taste of water- Sweet
 7. Air line lowered- 21 m
 8. Sounding of Tubewell 96.55
 9. Date of Testing- 5.7.12

S.NO	Discharge through 90° "A" 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.	7½"	1346	6.20	16.00	3.80	300	100	50	0	0	0	0	
2.	7¼"	1244	6.20	9.75	3.55	170	50	15	0	0	0	0	
3.	7⅛"	1200	6.20	9.55	3.35	50	10	0	0	0	0	0	

Note- Recommended Discharge 200 LPM at 2.35 mtr. Depression.

Seen

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

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

(A.E.) (A.P. Yadav)
 e.d. v.p. Jal Nigam
 Baramba

(A.K. Saxena)
 Executive Engineer