

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

Completion plan of T.W. at Belahri
 Name of Yozana/T.W. No. & Location Belahri w/s. scheme Distt Sultanpur

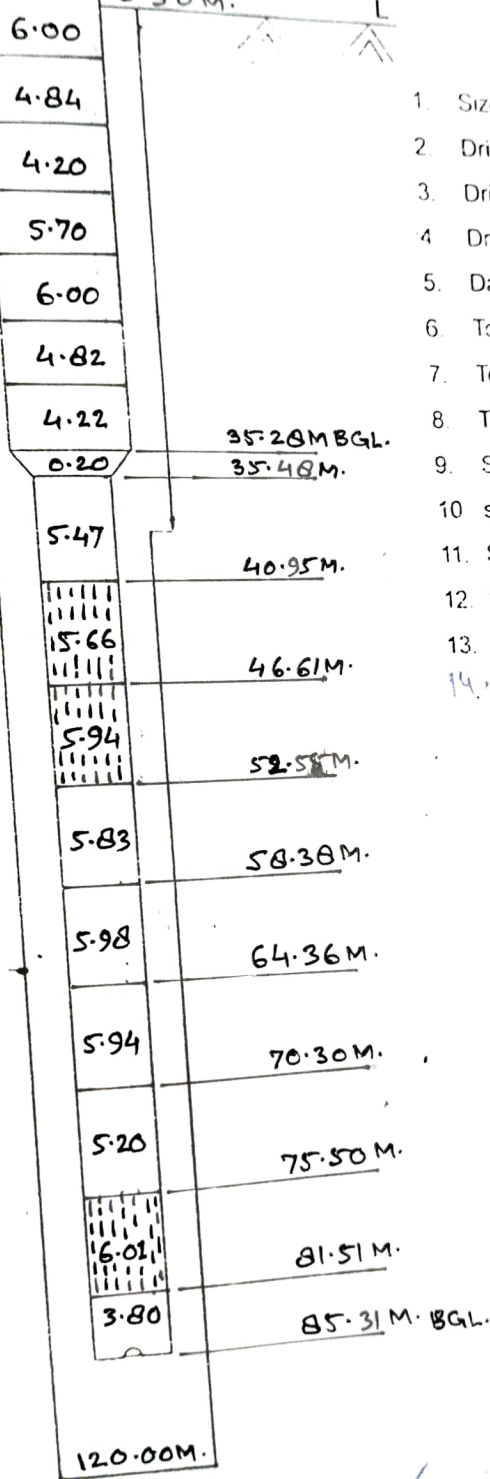
53

Detail of Strata

Detail of Lowring

(Not to Scale)

0 - 3.00 Surface Clay
 3.00 - 27.00 Clay
 27.00 - 45.00 Med. Sand
 45.00 - 48.00 Kankar
 48.00 - 52.00 Medium Sand
 52.00 - 67.00 Clay & Kankar
 67.00 - 80.00 Y. Fine Sand
 80.00 - 98.00 Clay
 98.00 - 100.00 Clay Kankar
 100.00 - 120.00 Hard Clay



1. Size of drilling depth - 675 mm - 550 mm - M/s. Harish Chandra Singh
2. Drilling by ^{PVT.} depth Rig
3. Drilling started on - 7.9.12
4. Drilling completed on - 16.9.12
5. Date of lowring - 22.9.12
6. Total housing pipe - 35.78 M.
7. Total plain pipe - 32.22 M.
8. Total slotted pipe - 17.61 M.
9. Size of assembly lowered - 300 X 150 mm
10. size of drilling - 675 X 550 mm
11. Static water level - -
12. Size of reducer - 300 X 150 (0.20 M)
13. Sounding ^{Before} after lowring - 116.00 M.
14. Dated Log - 18.9.12

Logging Report

40.00 M - 53.00 M.
 75.00 M - 82.00 M.

For Harish Chandra Singh

[Signature]

Proprietor Harish Chandra Singh
 Junior Engineer
 III Conts. Divi (E/M)
 U.P. Jal Nigam Faizabad

Assistant Engineer
 III Conts. Divi (E/M)
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(A.K. Saxena)
 Executive Engineer
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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.	:	BELAHRI	5	Discharge measured by 90° 'V'-notch Tank
2	Name of Scheme	:	N. R. W. S. P.	6	Static Water Level : 18.00 M
3	Name of District	:	SULTANPUR.	7	Sounding Before Development : 76.25 M
4	Date of Test.	:	12.11.12	8	Sounding After Development : 83.00 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.		5Min	10Min	15Min	20Min	25Min	30Min	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	79.00 M	4.90 kg/cm ²	4.20 kg/cm ²	6.70 kg/cm ²	7.00 M	1905/7 1/2 cm/inch	1346 L.P.M.	6800	1000	800	600	500	400	250	

Note - Recommended for development by P.P.M.

Test Conducted by

Seen

(SATYANAM)
Junior Engineer

(SANTOSH KUMAR)
Assistant Engineer

(A.K. Saxena)
Executive Engineer

OFFICE OF THE EXECUTIVE ENGINEER, IIRD 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- Belahary 7W
2. Name of Dist.- Sultanpur
3. Size of Tube-well-(300 x 150) mm
4. Column Assembly Lowered-24 m
5. Static water level- 14.45 m
6. Taste of water- Sweet
7. Air Line Lowered -24 m
8. Sounding of Tubewell after development- 33 m
9. Date of Testing- 20.11.12

S.NO	Discharge By 900 "V" Natch Tank		S.W.L in meters	R.W.L in meters	Depressor. 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.												
	7 1/2	1244	14.45	18.80	4.35	200	150	100	50	50	72	0		
	7	1142	14.45	18.55	4.10	150	100	50	72	72	0	0		
	6 3/4	1035	14.45	18.30	3.85	72	0	0	0	0	0	0		

Note- Recommended Discharge 1000 LPM at 3.85 mtr. depression

Test Conducted by

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

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

Seen

(A.K. Saxena)
Executive Engineer

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. 409/Inm/RAH/11 No 10 District
Source of Sample (Hand Pump or Tube Well) Tahsil
Source Condition Block
Date of Sampling 20/11/12 Gram Panchayat
Date of Testing 23/11/12 Revenue Village (Sensus Code)
Name of Sample Collector Habitation
Name of Junior Engineer Year of Installation of Source
Name of Place

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	7.2	7.0 to 8.5	<6.5 to 9.2>	
	<u>CHEMICAL TEST</u>				
4.	Total Dissolved Solid	302	500	1500	
5.	Total Hardness as "CaCO3"	280	200	600	
6.	Chloride as "Cl"	30	200	1000	
7.	Fluoride as "F"	1.0	1.00	1.50	
8.	Nitrates as "NO3"		45	>45	
9.	Nitrites as "NO2"	Nil	Nil		
10.	Iron as "Fe"		0.10	0.10	
11.	Alkalinity	280			
12.	Residual Chlorine (P.P.M.)	Nil			
13.					

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

Test Conducted by