

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

Completion plan of BHITAURA T.W. at BHITAURA Distt SULTANPUR

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

(Not to Scale)

Detail of Strata	Detail of Lowring
G	0.45 M
0.00 - 3.00 Surface clay	6.01
3.00 - 30.00 clay kankar	6.00
30.00 - 51.00 V. Fine Sand	6.00
51.00 - 57.00 clay kankar	5.98
57.00 - 70.00 V. Fine Sand	5.98
70.00 - 88.00 clay kankar	5.99
88.00 - 100.00 fine sand	5.98
100.00 - 118.00 clay kankar	41.49 M
	3.00
	44.49 M
	5.96
	5.97
	4.09
	60.51 M
	6.00
	3.00
	69.51 M
	5.97
	5.97
	5.97
	3.10
	90.52 M
	3.00
	6.00
	99.52 M
	5.98
	105.50 M
	118.00 M

1. Size of drilling depth 550mm ϕ
2. Drilling by deptt Rig LTDC - 1500
3. Drilling started on 23.07.11
4. Date of LOGGING 01.08.11
5. Drilling completed on 03.08.11
6. Date of lowring 04.08.11
7. Total casing pipe dia 200mm } 84.95 M
8. Total cased pipe dia 200mm } 21.00 M
9. Size of assembly lowered - 200 mm
10. size of drilling
11. Static water level
12. Size of reducer -
13. Sounding after lowring - 105.45 M
14. Sounding before lowring - 115.00 M
1. Total Drilling Depth - 118.00 M

LOGGING REPORT.

1. 41.00 - 45.00 M - 4.00 M
 2. 60.00 - 70.00 M - 10.00 M
 3. 90.00 - 100.00 M - 10.00 M
- Good.

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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow

Ref. :-

Geophysical Borehole Logging Report

Name of the site: Bhitaura, Block- Lambhua

District : Sultanpur

Date : 01.08.2011

Depth logged : 110.0 mbgl

Depth drilled : 115.0 mbgl

Logger used : UPJN

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	41.0-----45.0	4.0	} Good
2	60.0-----70.0	10.0	
3	90.0-----100.0	10.0	

Note.

(Dr.R.A.Yadav)
Manager(GroundWater)

Copy;

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

Manager(GroundWater)

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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. :- BHITTAURA T.W.
2. Name of Scheme :- N.R.W.S.P.
3. Distt. :- SULTANPUR.
4. Date of test :- 19.08.11
5. Discharge measured by :- 90° V Notch Tank
6. Static water level :- 7.00 M
7. Sounding before development :- 91.50 M
8. Sounding After Development :- 104.50 M

S.I. No.	Air line Lowerd in mtr.	Pressure in kg/cm ²		Depression		Discharge through 90° V-notch		Sand contents in P.P.M.							Remark
		Starting	Running	In kg/ cm ²	In mtr.	In cm. /Inches	In L.P.M.	Starting	AFTER						
									5 Min	10 Min	15 Min	20 Min	25 Min	30 Min	
1.	64.00 M	6.16 kg/cm ²	5.46 kg/cm ²	0.70 kg/cm ²	7.00 M	9" cm/inch	2107 LPM	7000	1800	1000	700	500	350	200	

Note- Recommended for development by O.P. Unit

Test Conducted by

Seen

(Signature)

(P.K.SRIVASTAVA)
Junior Engineer

(SANTOSH KUMAR)
Assistant Engineer

(Signature)
(A.K.Saxena)
Executive Engineer

OFFICE OF THE EXECUTIVE ENGINEER, IIRD CONSTRUCTION KHAND (E/M), U.P. JAL NIGAM, FAIZABAD
YIELD TEST REPORT OF T.W BY 3 CU SEC O.P. UNIT

1. Name of T.W./Scheme- **Bhitora**
 2. Name of Dist.- **Sultanpur**
 3. Size of Tube-well- **200mm x 200mm**
 4. Column Assembly Lowered- **21 m**
 5. Static water level- **2.10 m**

6. Taste of water- **Sweet**
 7. Air line Lowered- **21 m**
 8. Sounding of Tubewell **102.17m**
 9. Date of Testing- **4.9.11**

S.No	Discharge through 90° "V" 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.	6 1/2"	945	2.10	5.80	3.70	100	50	Tr	Tr	U	U	U	
2.	5 1/2"	622	2.10	5.50	3.40	50	Tr	Tr	U	U	U	U	
3.	4 1/2"	382	2.10	5.20	3.10	U	U	U	U	U	U	U	

Note- Recommended Discharge **350** LPM at **3.10** mtr. Depression.

Test Conducted by —

Seen

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