

**DISTRIC LABORATERY
PUBLIC HEALTH ENGINEERING DEPARTMENT
SUB DIVISION BARWANI M. P.**

WATER ANALYSIS REPORTS

Source of sample ST.Marys Senior Secondary School Barwani

PARTICULARS OF SENDER - DISTT. BARWANI

Reference No. Q & Date -

PARTICULARS OF SAMPLE

Collected/Not collected by PHED

	Sample No.	Place of Collection and details of Sample	Date
1	1	NARMADA RIWAR (Tap Connection)	01/02/2021

PARTICULARS OF BE FILLED IN THE LABORATORY

DATE OF RECEIPT : Time of Reciept : 11:00pm

LAB. REFERENCE NO. : Tested on :01-02/02/2021

No.	Characteristics	Unit	As Per BIS - 10500:2012 For Drinking Water		Results	
			Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	sample No.1	sample No.2
PHYSICAL TEST						
1	Temperature	oC	30	
2	Turbidity	NTU	1	5	1	
3	Colour	Hazen Units	5	15	-	
4	Odour	Unobjectionable	objectionable	-	
CHEMICAL TESTS						
5	PH	PH scale	6.5 to 8.5	No Relaxation	7.00	
6	Total Hardness as Caco3	mg/l	200	600	150	
7	Calcium as Ca	mg/l	75	200	54	
8	Magnesium as Mg	mg/l	30	100	-	
9	Total Alkanity as Caco3	mg/l	200	600	112	
10	chloride as CL	mg/l	250	1000	30	
11	Nitrate as NO3	mg/l	45	45	0	
12	T.D.S.	mg/l	500	2000	212	
13	Iron	mg/l	0.3	0.3	0	
14	Sulphate	mg/l	200	400	11	
15	Fluoride	mg/l	1	1.5	0.15	
16	Manganese.as	mg/l	0.1	0.3	0	
17	residual Chlorine as	mg/l	0.2	1	-	
18	conductivity	mg/l	500	2000	344	
BACTERIOLOGICAL TEST						
1	Total Coliform	par/100ml			Nil	

Lab Assistant Signature

**Lab Assistant
P.H.E. Sub Dn. Barwani**

L. Patel
Laboratory Chemist

**Lab Incharge
District Laboratory
P.H.E. Sub Dn. Barwani**