



## SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

NO. 588

DATE 22/12/2023

It is certified that an inspection team headed by Javed Ali (Health officer)

(Name of officer with designation) from Govt. Public Health Department inspected

**Bethany Vidyalaya, Borsi, Durg, C.G.** on 22/12/2023 (Date of inspection),

checked the water test report submitted by the school and found that the school has

potable drinking water for students and staff of the institution and is having provision

for running water in the toilets and maintaining hygienic sanitation condition in the

school building & the campus as per norms prescribed by the central /state /U.T. Govt.

The above is valid for a period of one year.

Javed Ali  
स्वास्थ्य अधिकारी

Signature with Seal स्वास्थ्य विभाग, दुर्ग

Name : Javed Ali

Designation : Health Officer

Asst.Engineer of the Govt. Public  
Health Department(PHED)/  
Authorises officer of the Local Body  
Name & Address of the Office/Dept

To  
BETHANY VIDYALAYA  
BORSI,DURG, C.G.



**District Water Testing Laboratory**  
**Public Health Engineering Division Durg Chhattisgarh**

Format Id- DL/PHED/DRG/F/4.1

Near Rajendra Park Chowk

E-mail eedurg-phe-cg@mail.nic.in ,Phone 0788-2323633

**Test Report**  
**Group- Drinking Water**

		ULR No.:- TC750223000000728		Sample Collected by- Bethany Vidyalaya Borsi, Durg	
Sender's Name and Address:- Principal Bethany Vidyalaya Borsi- Bhatta, Durg (C.G.)	Sender's letter no.	-	Sender's letter Date	19-12-2023	
	DL Receipt No.	12/23/851	DL Received date	19-12-2023	
	Date of analysis started	19-12-2023	Date of analysis completed	20-12-2023	

No	Block & District	Village	Sample Id	Source/Location Details
1	Durg	Borsi-Bhatta	6857	Bethany Vidyalaya Borsi-Bhatta, Durg (C.G.)
2				
3				
4				
6				

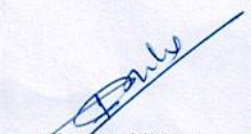
**Details of parameters, their test methods, units and specifications as per IS/APHA**

No	Characteristics	Test method IS/APHA 24rd Edition		Unit of Measurement	As Per IS -10500:2012 For Drinking Water		Results							
					Acceptable Limit	Permissible Limit	1	2	3	4	5	6	7	
	2	3	4	5	6	7								
					Sample ID -->		6857							
1	Turbidity	IS:3025	Part -10	NTU	1.0	5.0	0.5	-	-	-	-	-	-	-
2	pH at Temperature 23°C	IS:3025	Part -11	pH scale	6.5 - 8.5	6.5 - 8.5	6.75	-	-	-	-	-	-	-
3	Total Alkalinity as CaCO <sub>3</sub>	IS:3025	Part -23	mg/l	200	600	285.13	-	-	-	-	-	-	-
4	Specific Conductivity at Temperature 25°C	IS:3025	Part -14	µmhos/cm	-	--	857	-	-	-	-	-	-	-
5	Chloride as Cl <sup>-</sup>	IS:3025	Part- 32	mg/l	250	1000	74.56	-	-	-	-	-	-	-
6	Total Hardness as CaCO <sub>3</sub>	IS:3025	Part -21	mg/l	200	600	395.76	-	-	-	-	-	-	-
7	Calcium as Ca <sup>++</sup>	IS:3025	Part -40	mg/l	75	200	127.42	-	-	-	-	-	-	-
	Magnesium as Mg <sup>++</sup>	APHA	3500-Mg- B	mg/l	30	100	31.03	-	-	-	-	-	-	-
9	Nitrate as NO <sub>3</sub> <sup>-</sup>	APHA	4500-NO3-B	mg/l	45	45	10.7	-	-	-	-	-	-	-
10	Iron as Fe <sup>++</sup>	APHA	3500-Fe B	mg/l	0.3	1.0	0.085	-	-	-	-	-	-	-
11	Manganese as Mn <sup>+</sup>	APHA	3500-Mn-B	mg/l	0.1	0.3	0.0	-	-	-	-	-	-	-
12	Sulphate as SO <sub>4</sub> <sup>2-</sup>	IS:3025	Part- 24	mg/l	200	400	32.72	-	-	-	-	-	-	-
13	Fluoride as F <sup>-</sup>	APHA	4500-F-C	mg/l	1.0	1.5	-	-	-	-	-	-	-	-
14	Total Dissolved Solid (TDS)	IS:3025	Part -16	mg/l	500	2000	550	-	-	-	-	-	-	-
15	Odour	IS:3025	Part -5		Agreeable	Agreeable	Agreeable	-	-	-	-	-	-	-
16	Color	APHA	2120 B	Hazen	5	15	5	-	-	-	-	-	-	-
17	Taste	IS:3025	Part -8		Agreeable	Agreeable	-	-	-	-	-	-	-	-

- This report should not be produced partly or full without approval of signatory authority of legal purposes
- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" in column 7 above which the sources will have to be rejected.
- The results refer only to tested samples and parameters tested.
- Samples will be stored for a period of 07 days from date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- The Laboratory does not give interpretation on Test result Passed / Failed
1. Results apply to the sample as received  
2. Sampling not done by the Laboratory Staff

Issue No. 854 /Lab/ Date- 21/12/23

Page-01 of 01  
End of Test Report

  
(Purnima Mishra)  
Chemist  
Authorised Signatory



**District Water Testing Laboratory**  
**Public Health Engineering Division Durg Chhattisgarh**

Format Id- DL/PHED/DRG/F/4.2

Near Rajendra Park Chowk

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**Test Report**  
**Group- Drinking Water**

			Sample Collected by -Bethany Vidyalaya Borsi, Durg	
Sender's Name and Address:- Principal Bethany Vidyalaya Borsi- Bhatta, Durg (C.G.)	Sender's letter no.	-	Sender's letter Date	19-12-2023
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**Sample Details-**

No	Block & District	Village/Panchayat	Sample ID	Location/Source No.
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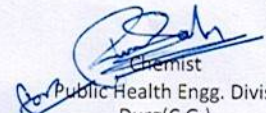
**Details of parameters**

No.	Characteristics	Unit of Measurement	Test method IS/APHA 23rd Edition		As Per IS -10500:2012 For Drinking Water		Results										
			Method	Part No.	Acceptable Limit mg/l	Permissible Limit mg/l	1	2	3	4	5	6	7	8			
1	Residual Chlorine	mg/l	IS:3025	Part no.26	0.2	1.0	-	-	-	-	-	-	-	-	-	-	-
2	Arsenic ( by Kit )	mg/l	IS:3025	Part no.37	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-
3	Total Coliform per 100ml	For Treated Water & Distribution System 24 Hrs	APHA	9222B	Nil	Nil	-	-	-	-	-	-	-	-	-	-	-
		48 Hrs			Nil	Nil	-	-	-	-	-	-	-	-	-	-	-
4	Faecal Coliform (TTC) per 100ml	24 Hrs			Nil	Nil	-	-	-	-	-	-	-	-	-	-	-

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- The results refer only to tested samples and parameters tested.**
- Samples will be stored for a period of 07 days from date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- Not include in NABL Scope
- The Laboratory does not give interpretation on Test result PASSED / FAILED
1. Results apply to the sample as received.  
2. Sampling not done by Laboratory's Staff

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Page- 01 of 01

  
Chemist  
Public Health Engg. Division  
Durg(C.G.)