

APPENDIX - XIII  
PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 182

Dated: 14.03.2023

It is certified that an inspection team headed by P. C. Jain

(Name of Officers with designation) from Assistant Engineer, PHE, GWR

(Name of Department/ Office) inspected the Sub-Dn - Jagdalpur, PHE

(Name & Address of the school) on 13.03.2023 (date of inspection) and found that the  
DAV Mukhyamantri Public School, Parchanpal, Bastar. (Name of school) has safe drinking water  
facilities for the students and members of staff of the institution and is maintaining the 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 01 year

Signature with Seal: 

Name

P. C. Jain  
Assistant Engineer  
Public Health Engg.  
Ground Water in Charge Sub-Dn.  
JAGDALPUR (C.G.)

Designation

Assistant Engineer

Name & Address of the Office / Department : PHE, GWR  
Sub-Dn - Jagdalpur, Bastar

To

DAV Mukhyamantri Public School,  
Parchanpal, Bastar, Chhattisgarh

(Name & Address of the Institution)

**CERTIFICATE REGARDING SAFE DRINKING WATER AND  
SANITARY CONDITION CERTIFICATE**

No.- 182


Date- 14-03-2023

*It is certificate that an inspection team headed by P.C. Jain, Assistant Engineer, P.H.E., G.W.R. Sub-Dn. Jagdalpur of P.H.E., G.W.R. Sub-Dn. Jagdalpur inspected DAV MUKHYA MANTRI, PUBLIC SCHOOL KARMARI, BLOCK BASTAR on 14.03.2023 and found that DAV MUKHYA MANTRI, PUBLIC SCHOOL KARMARI BLOCK BASTAR has safe drinking water facilities for student and members of staff is maintaining hygienic sanitation condition in the school and the campus as per the norms prescribed by the Central/State/Union Territory Government.*

*Expire on - 14.03.2024*

Signature with Seal :

Name :

  
Assistant Engineer  
Public Health Engg.  
Ground Water Recharge Sub-Dn.  
JAGDALPUR (C.G.)

Designation :

To

*Principal,  
DAV MUKHYA MANTRI,  
PUBLIC SCHOOL  
KARMARI, BLOCK BASTAR  
Distt. Bastar (C.G.)*

(Name and Address of the  
Institution)



Format No.- DL/PHED/JDP/4.1

**District Water Testing Laboratory**  
**Public Health Engineering Department, Division-Jagdalpur (C.G.)**

Near Collectorate Road, Pin Code – 494001

e-mail -: phelabjdp@gmail.com

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

Report No. - DL/PHED/JDP/72	TC1009422000000072F	Sampled by – Subham		
Sender's Name and Address :- DAV Mukhya Mantri Public School Karmari Bastar.	Sender's letter No. :	Q	Sender's Letter Date :	13-03-23
	DL Receipt No. :	448	DL Receipt Date :	13-03-23
	Date of Analysis started :	14-03-23	Date of Analysis Completed :	14-03-23

**Sample Details**

Sr. no	Block	Sample ID	Village	Location / Source
1	Bastar	448/3846/Mar23	Karmari	Parchanpal

Details of parameters, their test method, units and specification as per IS 3025/APHA

**Results**


Sr. No.	Characteristics	Unit of Measurement	Test method IS 3025 /APHA 23 <sup>rd</sup> edition		1					
			Method	Part No.						
1	Spec. Conductivity	µS/cm	IS 3025	14	135.5					
2	Nitrate as NO <sub>3</sub> <sup>-</sup> (Screening Method)	mg/L	APHA	4500-NO <sub>3</sub> -B	-					
3	Iron as Fe	mg/L	APHA	3500-Fe-B	0.2					
4	Manganese as Mn <sup>+</sup>	mg/L	APHA	3500-Mn-B	-					
5	Sulphate as SO <sub>4</sub> <sup>2-</sup>	mg/L	IS 3025	24	-					
6	Residual Chlorine	mg/L	IS 3025	26	-					
7	E. Coli	CFU/100ml	APHA	9222 B	-					

- The report should not be produced partly or full without approval of signatory authority of legal purpose.
- It is recommended that acceptable limit is to be implemented. Value 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.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Samples will be stored for a period of 10 days from date of issue of report.

**Remarks:-** 1. Results apply to the sample as received.  
 2. Sampling not done by Laboratory's Staff.

**Laboratory issue no.** 72/Lab/Date:- 15-03-2023

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**Hemant Kashyap**  
 Chemist

Format No. - DL/PHED/JDP/4.1



TC-10094

## District Water Testing Laboratory Public Health Engineering Department, Division-Jagdalpur (C.G.)

Near Collectorate Road, Pin Code – 494001

e-mail -: phelabjdp@gmail.com

### Test Report

### Group- Drinking Water

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#### Sample Details

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1	Bastar	448/3846/Mar23	Karmari	Parchanpal

Details of parameters, their test method, units and specification as per IS 3025/APHA

#### Results

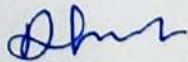
Sr. No.	Characteristics	Unit of Measurement	Test method IS 3025 /APHA 23 <sup>rd</sup> edition		1				
			Method	Part No.					
1	Turbidity	NTU	IS 3025	10	1.2				
2	Colour	Hazen	IS 3025	04	5				
3	Odour		IS 3025	05	Agreeable				
4	pH	pH Scale	IS 3025	11	7.16				
5	Total Alkalinity as CaCO <sub>3</sub>	mg/L	IS 3025	23	96.96				
6	Total Dissolved Solid at 180°C±2°C	mg/L	IS 3025	16	88				
7	Chloride as Cl <sup>-</sup>	mg/L	IS 3025	32	19.95				
8	Total Hardness as CaCO <sub>3</sub>	mg/L	IS 3025	21	118.20				
9	Calcium as Ca <sup>2+</sup>	mg/L	IS 3025	40	24.47				
10	Magnesium as Mg <sup>2+</sup>	mg/L	APHA	3500-Mg-B	13.83				
11	Fluoride as F <sup>-</sup>	mg/L	APHA	4500-F- C	0.14				

1. The report should not be produced partly or full without approval of signatory authority of legal purpose.
2. It is recommended that acceptable limit is to be implemented. Value 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.
3. The results refer only to tested samples and parameters.
4. This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
5. Samples will be stored for a period of 10 days from date of issue of report.

**Remark:- 1. Results apply to the sample as received.  
2. Sampling not done by Laboratory's Staff.**

**Laboratory issue no. 72/Lab/Date:- 15-03-2023**

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**Abdul Haleem**  
 Authorized Signatory (NABL)



## NABL Report Limit

Details of parameters, their test method, units and specification as per IS 3025/APHA					As Per IS - 10500-2012 (Second Revision) For Drinking Water	
Sr. No.	Characteristics	Unit of Measurement	Test method IS 3025 /APHA 23 <sup>rd</sup> edition		Acceptable Limit	Permissible Limit in the absence of alternate source
			Method	Part No.		
1	Turbidity	NTU	IS 3025	10	<b>1</b>	<b>5</b>
2	Colour	Hazen	IS 3025	04	<b>5-15</b>	No Relaxation
3	Odour		IS 3025	05	Agreeable	Agreeable
4	pH	pH Scale	IS 3025	11	<b>6.5-8.5</b>	No Relaxation
5	Total Alkalinity as CaCO <sub>3</sub>	mg/L	IS 3025	23	<b>200</b>	<b>600</b>
6	Total Dissolved Solid at 180°C±2°C	mg/L	IS 3025	16	<b>500</b>	<b>2000</b>
7	Chloride as Cl <sup>-</sup>	mg/L	IS 3025	32	<b>250</b>	<b>1000</b>
8	Total Hardness as CaCO <sub>3</sub>	mg/L	IS 3025	21	<b>200</b>	<b>600</b>
9	Calcium as Ca <sup>2+</sup>	mg/L	IS 3025	40	<b>75</b>	<b>200</b>
10	Magnesium as Mg <sup>2+</sup>	mg/L	APHA	3500-Mg-B	<b>30</b>	<b>100</b>
11	Fluoride as F <sup>-</sup>	mg/L	APHA	4500-F-C	<b>1.0</b>	<b>1.5</b>

## Non - NABL Report Limit

Details of parameters, their test method, units and specification as per IS 3025/APHA					As Per IS - 10500-2012 (Second Revision) For Drinking Water	
Sr. No.	Characteristics	Unit of Measurement	Test method IS 3025 /APHA 23 <sup>rd</sup> edition		Acceptable Limit	Permissible Limit in the absence of alternate source
			Method	Part No.		
1	Spec. Conductivity	µS/cm	IS 3025	14	<b>500</b>	<b>2000</b>
2	Nitrate as NO <sub>3</sub> <sup>-</sup> (Screening Method)	mg/L	APHA	4500-NO <sub>3</sub> -B	<b>45</b>	No Relaxation
3	Iron as Fe	mg/L	APHA	3500-Fe-B	<b>1.0</b>	No Relaxation
4	Manganese as Mn <sup>+</sup>	mg/L	APHA	3500-Mn-B	<b>0.1</b>	<b>0.3</b>
5	Sulphate as SO <sub>4</sub> <sup>2-</sup>	mg/L	IS 3025	24	<b>200</b>	<b>400</b>
6	Residual Chlorine	mg/L	IS 3025	26	<b>0.2</b>	<b>1</b>
7	E. Coli	CFU/100ml	APHA	9222 B	<b>Nil</b>	<b>Nil</b>