



District Water Testing Laboratory
Public Health Engineering Department,
PHE. Barpali Chowk in Front Gurudwara, Janjgir-Champa (C.G.)
Contact as email – eejan-phe-cg@nic.in

Kind of sample- Drinking water sample		Report no. 169		Test Report	
Senders name & address – Principal Lions English Higher Secondary School Champa, Block – Bamhndih, Distt.- Janjgir-Champa (C.G.) Mo.942533099 9425533099		Senders letter no./Date		453/20.05.2026	
		Sample collection date		20.05.2026	
		DWTL receipt no.		169	
		Date of analysis started		20.05.2026	
		Sampled by.. Pural Lal Bareth		Source –	
		DWTL Receipt date		20.05.2026	
		Date of analysis completed		22.05.2026	

Sample Details:-				
Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	DWTL/PHED/JC/637	Janjgir-Champa Bamhndih	Champa	Lions English Higher Secondary School Champa.
2				
3				
4				
5				

Details of parameters their test method units and specification as per IS/APIHA :-											
Sr.n	Parameters	Test method		Unit	As per IS-10500-2012 drinking water		Result of S.no.				
		IS:3025/ APIHA:24th ed.			Desir able Limit	Permiss ible Limit	1	2	3	4	5
		Method	Part no.								
1	2	3	4	5	6	7					
1	Turbidity	IS:3025	Part-10	NTU	1	5	4.5				
2	Taste	IS:3025	Part - 8	Unobjen able	Agr.	Agr.	Agr.				
3	Odour	IS:3025	Part - 05	Unobjen able	Agr.	Agr.	Agr.				
4	Colour	APIHA:24th ed	Part - 2120B	Hazen	5	15	0.0				
5	pH	IS:3025	Part - 11	pH scale	6.5 - 8.5	6.5 - 8.5	7.06				
6	Total Alkalinity as CaCO ₃	APIHA:24th ed	Part – 2320 B	mg/l.	200	600	35.42				
7	TDS	APIHA:24th ed	Part - 2540 - C	mg/l.	500	2000	213				
8	Chloride as Cl ⁻	APIHA:24th ed	Part – 4500 - C	mg/l.	250	1000	50.18				
9	Total Hardness as CaCO ₃	APIHA:24th ed	Part – 2340 - C	mg/l.	200	600	128.76				
10	Calcium as Ca ⁺⁺	APIHA:24th ed	Part – 3500- Ca	mg/l.	75	200	33.06				
11	Magnesium as Mg ⁺⁺	APIHA:24th ed	3500 - Mg - B	mg/l.	30	100	11.24				

- The report should not be produced partly or full without approval signatory authority of legal purpose.
- The results refer only to tested samples and parameters as received from the customer.
- This Lab does not hold any responsibility for verification 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
- The Laboratory as responsible for all the information given in the report.

Tested by

Lab Assistant
District Water Testing Laboratory
PHED, Janjgir-Champa (C.G.)

Report Reviewed & Approved by

Chemist
District Water Testing Laboratory
PHED, Janjgir-Champa (C.G.)



District Water Testing Laboratory
Public Health Engineering Department,
PHE. Barpali Chowk in Front Gurudwara, Janjgir-Champa (C.G.)
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Test Report				
Kind of sample- Drinking water sample	Report no. 169		Sampled by.. Pural Lal Bareth	
Senders name & address – Principal Loins English Higher Secondary School Champa, Block – Bamhnidih, Distt.- Janjgir-Champa (C.G.) Mo.942533099	Senders letter no./Date	453/20.05.2026	Source –	Power Pump
	Sample collection date	20.05.2026	DWTL Reciept date	20.05.2026
	DWTL receipt no.	169	Date of analysis completed	22.05.2026
	Date of analysis started	20.05.2026		

Sample Details:-

Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	DWTL/PHED/JC/637	Janjgir-Champa Bamhnidih	Champa	Loins English Higher Secondary School Champa.
2				
3				
4				
5				

Details of parameters their test method units and specification as per IS/APHA :-

Sr. No.	Parameters	Test method IS:3025/APHA 23rd ed.		Unit	As per IS-10500-2012 drinking water		Result of Sr.no.				
		Method	Part no.		Desir able Limit	Permis sible Limit	1	2	3	4	5
1	2	3	4	5	6	7	-	-	-	-	-
1	Nitrates as NO ₃ ⁻	APHA:24th ed	4500-NO ₃ - B	mg/l.	45	No relaxati on	-				
2	Iron as Fe ⁺⁺	APHA:24th ed	3500 -Fe -B	mg/l.	1.0	No relaxati on	-				
3	Sulphate as SO ₄ ²⁻	APHA:24th ed	Part- 24	mg/l.	200	400	-				
4	Fluoride as F ⁻	APHA:24th ed	4500-F- C	mg/l.	1.0	1.5	-				
5	Residual Chlorine	-	-	mg/l.	0.2	1.0	0.0				
6	Spe.Conductivity	APHA:24th ed	Part- 14	µmho/c m	-	-	430				
7	E. Coli	APHA/IS	9222-D	Cfu/100 ml	nil	nil	0.0				
8	Fecal Coliform	APHA 24th ed	9222-D	Cfu/100 ml	nil	nil	0.0				

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Lab Assistant
District Water Testing Laboratory
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Report Reviewed & Approved by

Chemist
District Water Testing Laboratory
PHED, Janjgir-Champa (C.G.)

Issue No.169 Page No.02, Date 22.05.2026



PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 169Date: 20/5/26

It is certified that an inspection team headed by Mrs./Ms./Mr. Profiksha Meher DWTL & Assistant Engineer, PHE Sub Dn. Office, Champa, Chhattisgarh (Name of Officers with designation) from PHE Sub Division Office, Champa, Chhattisgarh (Name of Department/Office) inspected the Lions English Higher Secondary School, Near Govt. BDM Hospital, Champa, Block Bamhanidih, District - Janjgir-Champa, Pin Code - 495671 (Chhattisgarh) India (Name & Address of the school) on 03/6/26 (Date of Inspection) and found that the Lions English Higher Secondary School (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 One Year.



Signature with Seal
 Name Mrs. Profiksha Meher
 Designation Incharge Officer,
 DWTL & Asst. Engineer PHE
 Sub Dn. Office, Barpali
 Chowk, Champa (C.G.)

To,

The Principal
 Lions Eng. Hr. Sec. School
 Near Govt. BDM Hospital Champa
 Block Bamhanidih, District - Janjgir-Champa
 Pin Code - 495671, Chhattisgarh, India