

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 198

Date: 03/09/2026

It is certified that an inspection team headed by

JUNIOR ENGINEER (Name of Officers with designation)

from D.W. & S.D. Hatia Project Ranchi PHED

Inspected the Chhatanagpur Public School, Booty Road, Gavi, Ranchi

(Name & Address of the school) on 06/08/2026 (date of inspection) and on the basis

Of Water Test Report (Attached) bearing on TC 152122500001490 F (A)

Dated 18/08/2026 of State Level Water Testing Lab (PHED Lab)

certified that the

Chhatanagpur Public School (Name of school) has safe drinking water

facilities for the students and members of staff of the institution. School is also maintains

the hygienic sanitation condition in the school building & the campus as per norms

prescribed by the Central/ State/ U.T. Govt.

This certificate is valid till 02/09/2027

Signature with Seal: 03.09.26

Name : Joy Kumar Mino

Designation : Assistant Engineer

Name & Address of the Office / Department: Sub-Divisional Officer

D.W & S. Sub Division No. - 4
Hatia Project, Ranchi

To

Chhatanagpur Public School

Opp. P.H.E.D Office, Booty Road, Gavi, Ranchi

(Name & Address of the Institution)

पत्रांक :- 403 (SLW+L/2026-27)001 दिनांक:- 18/8/2026

प्रेषक,

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला,

पेयजल एवं स्वच्छता विभाग, राँची, झारखण्ड।

सेवा में,

The Principal,

Chhotanagpur Public School,

Opp.- P.H.E.D. Office, Booty Road, Vill.- Gari, Ranchi-834012.

विषय:- जल जाँच के संबंध में।

Ref. no.- CPS/058/2026

Date -06/08/2026

महाशय,

उपरोक्त विषय एवं प्रासंगिक पत्र के संदर्भ में कहना है कि दिनांक - 06/08/2026 को आपके द्वारा दिया गया जल नमूनों का रासायनिक एवं जैविक जाँच समपन्न कर जल जाँच प्रतिवेदन आपको समर्पित किया जा रहा है।

अनुलग्नक :- 03 अदद।

विश्वासभाजन

18/8/2026

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला, राँची।

State Level Water Testing Laboratory, Ranchi, Jharkhand



TEST ANALYSIS REPORT

Doc No.: SLWTL-QP-4-F31
Issue No.: 01
Revision No.: 01
Date :18.02.2022



Issued to :- The Pricipal,
Chhotanagpur Public School,
Opp.- P.H.E.D. office, Booty Road, Vill.- Gari, Ranchi-834012.

Sample Code: - 260806-GW-A-002
ULR NO. : - TC152122500001490F(A)
Date of Issue: - 18/8/2026
Customer Reference No. : - SLR/CLR/AUGUST-26/018

Sample No. :- 01- Well Water.

Details of Sampling

Sample Particulars

Sample Name/Description: - Ground Water.

Sample Quantity: -1 Lit

Sample pkg. Condition: - Good

Date of sampling : - N/A

Sample Received date: - 06/08/2026

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Chemical

Test started on: - 06/08/2026

Test completed on :-

17/08/2026

Specification as per BIS -
10500:2012 (Second
Revision)

Amendment - June 2015

Sl. No.	Test Parameter	Unit	Results	Method	Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH	-	6.64	APHA 24 th Ed.2023-4500-H ⁺ B, (Electrometric method)	6.5 - 8.5	No relaxation
2	Total Dissolved Solids at 180 ^o C	mg/L max	144	APHA 24 th Ed.2023-2540 C, (Total Dissolved Solids Dried at 180 ^o C)	500	2000
3	Turbidity	NTU Max	1.1	APHA 24 th Ed.2023-2130 B, (Nephelometric method)	1	5
4	Odour	-	Agreeable	IS 3025 (Part-5):2018	Agreeable	Agreeable
5	Taste	-	Agreeable	IS 3025 (Part-7):2017	Agreeable	Agreeable
6	Colour	Hazen unit	10	APHA 24 th Ed.2023-2120 B, (Visual Comparison method)	5	15
7	Total Alkalinity as CaCO ₃	mg/L max	96	APHA 24 th Ed.2023-2320 B, (Titration method)	200	600
8	Total Hardness as CaCO ₃	mg/L max	108	APHA 24 th Ed.2023-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	32	APHA 24 th Ed.2023-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	6.80	APHA 24 th Ed.2023-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	33.98	APHA 24 th Ed.2023-4500 Cl ⁻ B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	BDL	APHA 24 th Ed.2023-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
13	Nitrate as NO ₃	mg/L max	6.20	APHA 24 th Ed.2023-4500 NO ₃ ⁻ B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
14	Iron as Fe	mg/L max	BDL	APHA 24 th Ed.2023-3500 Fe B, (1,10-phenanthroline method)	1.0	No relaxation

Remarks:- The submitted sample of water confirm to IS - 10500 with respect to above test.

Specific contractual notes: -

- ◆ The results listed refer only to the tested sample and applicable parameter.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ This report can not be reproduced, except when in full, without the written permission of the Lab In-charge
- ◆ Tested Sample shall be retained up to Fifteen Days from the date of issue of the certificate:
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.

State Level Water Testing Laboratory, Ranchi, Jharkhand



TEST ANALYSIS REPORT

Doc No.: SLWTL-QP-4-F31
Issue No.: 01
Revision No.: 01
Date :18.02.2022



Issued to :- The Principal,
Chhotanagpur Public School,
Opp.- P.H.E.D. office, Booty Road, Vill.- Gari, Ranchi-834012.

Sample No. :- 01- Well Water.

Sample Code: - 260806-GW-A-002
ULR NO.: - TC152122500001490F(B)
Date of Issue: - 18/8/2026
Customer Reference No. : - SLR/CLR/AUGUST-26/018

Sample Particulars

Sample Name/Description: - Ground Water

Sample Quantity: -1 Lit

Sample pkg. Condition: - Good

Details of Sampling

Date of sampling : - N/A

Sample Received date: - 06/08/2026

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Chemical - Residues in Water

Test started on: - 06/08/2026

Test completed on :-

17/08/2026

Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
01	Arsenic as As	µg/L max	BDL	IS 3025(part-2):2019	10	No relaxation

Remarks:- The submitted sample of water confirm to IS – 10500 with respect to above test.

Specific contractual notes: -

- ◆ The results listed refer only to the tested sample and applicable parameter.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ This report can not be reproduced, except when in full, without the written permission of the Lab In-charge
- ◆ Tested Sample shall be retained up to Fifteen Days from the date of issue of the certificate.
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ NOTE:-BDL=Below Detection Limit.

-----End of the Report-----

Authorised Signatory
(Technical Manager)

Technical Manager
State Level Water Testing Laboratory
D.W. & S. Deptt., Hinoo, Ranchi

State Level Water Testing Laboratory, Ranchi, Jharkhand

	TEST ANALYSIS REPORT	Doc No.: SLWTL-QP-4-F31 Issue No.: 01 Revision No.: 01 Date :18.02.2022	 TC-15212
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Issued to :- The Principal, Chhotanagpur Public School, Opp.- P.H.E.D. office, Booty Road, Vill.- Gari, Ranchi-834012. Sample No. :- 01- Well Water.	Sample Code: - 260806-GW-A-002 ULR NO. :- TC152122500001490F(C) Date of Issue: - 18/8/2026 Customer Reference No. :- SLR/CLR/AUGUST-26/018
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Sample Particulars Sample Name/Description: - Ground Water. Sample Quantity: - 500 ml Sample pkg. Condition: - Good.	Details of Sampling Date of sampling : - N/A Sample Received date: - 06/08/2026 Sample collected by: - Customer Sampling Location: - Final Outlet
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Discipline: Biological

Test started on: -		06/08/2026		Test completed on :-		07/08/2026	
Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015		
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)	
1	Total Coliform	CFU/100mL	<1	APHA 24 th Ed.2023-9222 B (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample		
2	Thermotolerant (Fecal) Coliform	CFU/100mL	<1	APHA 24 th Ed.2023-9222 D (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample		

Remarks: - The submitted sample of water confirm to IS – 10500 with respect to above test.

Specific contractual notes: -

- ◆ The results listed refer only to the tested sample and applicable parameter.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ This report cannot be reproduced, except when in full, without the written permission of the Section- In-charge.
- ◆ Tested sample shall be retained up to seven days from the date of issue of the certificate.
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ Customer asked for above test only.
- ◆ <1 indicates the absence of bacteria.
- ◆ NOTE: - TNTC = Too Numerous To Count.



Authorised Signatory
(Arti Kumari)

State Level Water Testing Laboratory
D.W. & S. Deptt., Hinoo, Ranchi

-----End of the Report----