

पत्रांक :- 536(SLWT L/2025-26)001 दिनांक:- 19/11/2025

प्रेषक,

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला,

पेय जल एवं स्वच्छता विभाग, राँची, झारखण्ड।

सेवा में,

YBN Gurukulam School,

Opposite Jagriti Vihar, Mccluskieganj,

P.O. + PS.- Mccluskieganj, Ranchi-829208, Jharkhand.

विषय:- जल जाँच के संबंध में।

प्रसंग:- पत्रांक -Ref.- 01

दिनांक -06/11/2025

महाशय,

उपरोक्त विषय एवं प्रासंगिक पत्र के संदर्भ में कहना है कि दिनांक - 06/11/2025 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

19/11/2025

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



TC-16212

Issued to: -YBN Gurukulam School,
Opposite Jagriti Vihar, Meeluskieganj,
P.O.+PS.- Meeluskieganj, Ranchi-829208, Jharkhand

Sample Code: - 251106-GW-A-001

ULR NO.: - TC152122500001127F(A)

Date of Issue: - 19/11/2025

Customer Reference No.: - SLR/CLR/NOVEMBER -25/009

Sample No.: - 01 - Deep Boring.

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: - 06/11/2025

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Chemical

Test started on: - 06/11/2025

Test completed on: -

18/11/2025

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	pH	-	6.52	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	150	APHA 24 th Ed.2023-2540 C, (Total Dissolved Solids Dried at 180 ^o C)	500	2000
3	Turbidity	NTU max	0.4	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	5	APHA 24 th Ed.2023-2120 B, (Visual Comparison method)	5	15
7	Total Alkalinity as CaCO ₃	mg/L max	52	APHA 24 th Ed.2023-2320 B, (Titration method)	200	600
8	Total Hardness as CaCO ₃	mg/L max	92	APHA 24 th Ed.2023-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	20.8	APHA 24 th Ed.2023-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	9.72	APHA 24 th Ed.2023-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	27.98	APHA 24 th Ed.2023-4500 Cl ⁻ B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	0.06	APHA 24 th Ed.2023-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
13	Nitrate as NO ₃	mg/L max	8.60	APHA 24 th Ed.2023-4500 NO ₃ ⁻ B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
14	Iron as Fe	mg/L max	0.06	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.
- ◆ **NOTE:**-BDL=Below Detection Limit.

**Authorised Signatory
(Technical Manager)**

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

Technical Manager
State Level Water Testing Laboratory

State Level Water Testing Laboratory, Ranchi, Jharkhand



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TC-15212

Issued to: -YBN Gurukulam School,
Opposite Jagriti Vihar, Mecluskieganj,
P.O.+PS.- Mecluskieganj, Ranchi-829208, Jharkhand

Sample Code: - 251106-GW-A-001
ULR NO.: - TC152122500001127F(B)
Date of Issue: - 19/11/2025
Customer Reference No.: - SLR/CLR/NOVEMBER -25/009

Sample No.: - 01 - Deep Boring.

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: - 06/11/2025
Sample collected by: - Customer
Sampling Location: - Final Outlet

Discipline: Chemical - Residues in Water

Test started on: - 06/11/2025

Test completed on :-

18/11/2025

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)
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: -

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- ◆ 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.


**Authorised Signatory
(Technical Manager)**

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

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
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Issued to: -YBN Gurukulam School,
Opposite Jagriti Vihar, Mecluskieganj,
P.O.+PS.- Mecluskieganj, Ranchi-829208, Jharkhand

Sample No.:- 01- Deep Boring.

Sample Code: - 251106-GW-A-001
ULR NO. : - TC152122500001127F(C)
Date of Issue: - 19/11/2025
Customer Reference No. : - SLR/CLR/NOVEMBER -25/009

Sample Particulars	Details of Sampling
Sample Name/Description: - Ground Water. Sample Quantity: - 500 ml Sample pkg. Condition: - Good.	Date of sampling : -N/A Sample Received date: - 06/11/2025 Sample collected by: - Customer Sampling Location: - Final Outlet

Discipline: Biological

Test started on :-		06/11/2025		Test completed on :-		07/11/2025	
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,
Jharkhand, Ranchi

----End of the Report---