

Date :18.02.2022



Sampling Location: - Final Outlet



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	-	6.73	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	108	APHA 24 th Ed.2023-2540 C, (Total Dissolved Solids Dried at 180 ^o C)	500	2000
3	Turbidity	NTU max	0.3	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	112	APHA 24 th Ed.2023-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	22.4	APHA 24 th Ed.2023-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	13.60	APHA 24 th Ed.2023-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	15.99	APHA 24 th Ed.2023-4500 Cl ⁻ B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	0.27	APHA 24 th Ed.2023-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
13	Nitrate as NO ₃	mg/L max	0.25	APHA 24 th Ed.2023-4500 NO ₃ ⁻ B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
14	Iron as Fe	mg/L max	0.05	APHA 24 th Ed.2023-3500 Fe B, (1,10-phenanthroline method)	1.0	No relaxation

Tested Sample shall
The liability of the l
all disputes are subj
Principal

**Authorised Signatory
(Technical Manager)**

-----End of the Report----- Technical Manager
State Level Water Testing Laboratory
P. W. S. C. Road, Hingra 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 : - Springdale Public School, Khelgaon Road, Khatanga, Dist.-Ranchi-835103. Sample No. :- 01- Boring Water.	Sample Code: - 250616-GW-A-001 ULR NO. : - TC152122500000396F(B) Date of Issue: - 03/07/2025 Customer Reference No. : - SLR/CLR/JUNE -25/035
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Sample Particulars	Details of Sampling
Sample Name/Description: - Ground Water Sample Quantity: -1 Lit Sample pkg. Condition: - Good	Date of sampling : - N/A Sample Received date: - 16/06/2025 Sample collected by: - Customer Sampling Location: - Final Outlet

Discipline: Chemical - Residues in Water						
Test started on: -		16/06/2025		Test completed on :-		02/07/2025
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)
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.


Authorised Signatory
(Technical Manager)

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

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


Principal
 Springdale Public School
 Khelgaon, Khatanga, Ranchi


Director
 Springdale Public School
 Khelgaon, Khatanga, 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



Issued to : - Springdale Public School,
Khelgaon Road, Khatanga,
Dist.-Ranchi-835103.

Sample Code: - 250616-GW-A-001
ULR NO. : - TC152122500000396F(C)
Date of Issue: - 03/07/2025
Customer Reference No. : - SLR/CLR/JUNE -25/035

Sample No. :- 01- Boring Water.

Sample Particulars

Details of Sampling

Sample Name/Description: - Ground Water.

Date of sampling : -N/A

Sample Quantity: - 500 ml

Sample Received date: -16/06/2025

Sample pkg. Condition: - Good.

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Biological

Test started on: - 16/06/2025

Test completed on :- 17/06/2025

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.

Arti

Authorised Signatory
(Arti Kumari)

State Level Water Testing Laboratory
Jharkhand, Ranchi

[Signature]

Director

Springdale Public School
Khelgaon, Khatanga, Ranchi

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

[Signature]
Principal

Springdale Public School
Khelgaon, Khatanga, Ranchi