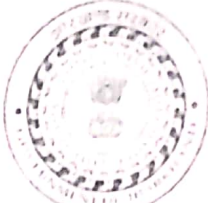
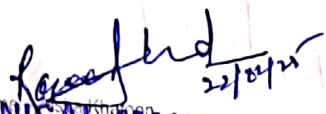
	(Government of Jharkhand) District Level Water Testing Laboratory, Ramgarh Office of the Executive Engineer, Drinking Water and Sanitation Division, Ramgarh-829122, Jharkhand, India. Civil SDO Office Campus Ramgarh Contact No.-9835627409, Email:- dlwtrramgarh@gmail.com District Level Water Testing Laboratory (Ramgarh)	
	TEST REPORT	

Report No :-	DLWTL/RMG/2025/33					
Issued to:- Sri Guru Nanak Public School Ramgarh	Sample Code :-250221/RMG/33 Report ID :-N/A Date of Issue :- 22.02.2025					
Sample Name/Description : Ground Water Sample Quantity : - 01 L Sample pkg. Condition : - Transported at 4 C in ice box Number of samples : 01 No Sample Receive date: : 21.02.2025	Customer Date of sampling : - 21.02.2025 Customer Reference No. :- Sample collected by:: Customer Customer Sampling Location: FINAL OUTLET Test started on : - 21.02.2025 Test completed on :- 22.02.2025					
TEST RESULT						
Sl. No.	Tested Parameter	Unit	Results	Method	Specification as per IS 10500 : 2012 (Second Revision)	
					Acceptable Limit	Permissible Limit (Absence of Alternate source)
1	pH at 25° C	-	7.10	APHA 24 th Ed.2023-4500-H ⁺ B, (Electrometric method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	0.0	APHA 24 th Ed.2023-2130 B, (Nephelometric method)	1	5
3	Total Alkalinity as CaCO ₃	mg/l	100	APHA 24 th Ed.2023-2320 B, (Titration method)	200	600
4	Calcium as (Ca)	mg/l	35.2	APHA 24 th Ed.2023-3500 Ca B, (EDTA Titration method)	75	200
5	Magnesium as Mg	mg/l	6.80	APHA 24 th Ed.2023-3500-Mg B, (Calculation method)	30	100
6	Total Hardness as CaCO ₃	mg/l	116	APHA 24 th Ed.2023-2340 C, (EDTA Titration method)	200	600
7	Fluoride as (F)	mg/l	0.10	APHA 24 th Ed.2023-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.5
8	Taste	--	Agreeable	IS 3025(Part-8)-2017 (Taste Threshold)	Satisfactory	No relaxation
9	Odour	--	Agreeable	IS 3025 (Part-5)-2018	Satisfactory	No relaxation
10	Colour	CU (Hazen)	5	APHA 24 th Ed. 2023-2120 B (Visual Comparison Method)	2	15
11	Total Dissolved Solids at 180 Degree C	mg/l	167	APHA 24 th Ed. 2023-2540 C (Total Dissolved Solids Dried at 180 Degree C)	500	2000
12	Chloride as Cl	mg/l	39.96	APHA 24 th Ed.2023-4500 Cl B, (AgNO ₃ Titration method)	250	1000

Remarks:-Submitted Sample of Water according to above parameters is fit for Consumption: - Yes () / No ()

Specific contractual notes: -

- ◆ The results listed refer only to the tested sample and applicable parameter.
- ◆ This report shall not be reproduced except in full without approval of the laboratory.
- ◆ This report results apply to the sample as received.
- ◆ This report results relate only to the items tested.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ Tested Sample shall be retained up to seven days from the date of issue of the test report
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ NOTE:- BDL=Below Detection Limit


TECHNICAL MANAGER
 District Level Water Testing Laboratory
 D.W.&S., Division (Ramgarh)

End Report



(Government of Jharkhand)
District Level Water Testing Laboratory, Ramgarh

Office of the Executive Engineer, Drinking Water and Sanitation Division,
Ramgarh-829122, Jharkhand, India.
Civil SDO Office Campus Ramgarh
Contact No.-9835627409, Email:- dlwtlramgarh@gmail.com

**District Level Water Testing Laboratory
(Ramgarh)**

TEST REPORT

Report No :-	DLWTL/RMG/2025/33					
Issued to:- Sri Guru Nanak Public School Ramgarh	Sample Code :-250221/RMG/33 Report ID :-N/A Date of Issue :-22.02.2025					
Sample Name/Description : Well Water Sample Quantity :- 01 L Sample pkg. Condition :- Transported at 4 C in ice box Number of samples :- 02 No Sample Receive date: :- 21.02.2025	Customer Date of sampling :- 21.02.2025 Customer Reference No :- Sample collected by:- Customer Customer Sampling Location: FINAL OUTLET Test started on :- 21.02.2025 Test completed on :- 22.02.2025					
TEST RESULT						
Sl. No.	Tested Parameter	Unit	Results	Method	Specification as per IS 10500 : 2012 (Second Revision)	
					Acceptable Limit	Permissible Limit (Absence of Alternate source)
1	pH at 25 C	-	6.95	APHA 24 th Ed.2023-4500-H ⁺ B, (Electrometric method)	6.5 - 8.5	No relaxation
2	Turbidity	NTU	0.0	APHA 24 th Ed.2023-2130 B, (Nephelometric method)	1	5
3	Total Alkalinity as CaCO ₃	mg/l	104	APHA 24 th Ed.2023-2320 B, (Titration method)	200	600
4	Calcium as (Ca)	mg/l	36	APHA 24 th Ed.2023-3500 Ca B, (EDTA Titration method)	75	200
5	Magnesium as Mg	mg/l	4.86	APHA 24 th Ed.2023-3500-Mg B, (Calculation method)	30	100
6	Total Hardness as CaCO ₃	mg/l	110	APHA 24 th Ed.2023-2340 C, (EDTA Titration method)	200	600
7	Fluoride as (F)	mg/l	0.22	APHA 24 th Ed.2023-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.5
8	Taste	--	Agreeable	IS 3025(Part-8)-2017 (Taste Threshold)	Satisfactory	No relaxation
9	Odour	--	Agreeable	IS 3025 (Part-5)-2018	Satisfactory	No relaxation
10	Colour	CU (Hazen)	5	APHA 24 th Ed. 2023-2120 B (Visual Comparison Method)	2	15
11	Total Dissolved Solids at 180 Degree C	mg/l	163	APHA 24 th Ed. 2023-2540 C (Total Dissolved Solids Dried at 180 Degree C)	500	2000
12	Chloride as Cl	mg/l	41.95	APHA 24 th Ed 2023-4500 Cl ⁻ B, (AgNo ₃ Titration method)	250	1000

Remarks:-Submitted Sample of Water according to above parameters is fit for Consumption: - Yes () / No ()

Specific contractual notes: -

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TECHNICAL MANAGER
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End Report

