

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-7351	

Issued to: - The Principal, New Cambrian Public School, Choreya More, Bijupara, Ranchi-835222.	Sample Code: - 230606-GW-A-003 ULR NO.: - TC735123000000614P(A) Date of Issue: - 15/06/2023 Customer Reference No.: - SLR/CLR/JUNE -23/013
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Sample No.: - 01 - Boring Water.	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: - 06/06/2023 Sample collected by: - Customer Sampling Location: - Final Outlet

Discipline: Chemical						
Test started on: -		06/06/2023		Test completed on :-		
Sl. No.	Test Parameter	Unit	Results	Method	14/06/2023	
					Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH	-	6.81	APHA 23 rd Ed.2017-4500-H ⁺ B, (Electrometric method)	6.5 – 8.5	No relaxation
2	Total Dissolved Solids at 180 ^o C	mg/L max	66	APHA 23 rd Ed.2017-2540 C, (Total Dissolved Solids Dried at 180 ^o C)	500	2000
3	Turbidity	NTU max	1.5	APHA 23 rd Ed.2017-2130 B, (Nephelometric method)	1	5
4	Odour	-	Agreeable	IS 3025 (Part-5)	Agreeable	Agreeable
5	Taste	-	Agreeable	IS 3025 (Part-7) (Taste Threshold)	Agreeable	Agreeable
6	Colour	Hazen unit	5	APHA 23 rd Ed.2017-2120 B, (Visual Comparison method)	5	15
7	Total Alkalinity as CaCO ₃	mg/L max	44	APHA 23 rd Ed.2017-2320 B, (Titration method)	200	600
8	Total Hardness as CaCO ₃	mg/L max	48	APHA 23 rd Ed.2017-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	14.40	APHA 23 rd Ed.2017-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	2.92	APHA 23 rd Ed.2017-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	5.99	APHA 23 rd Ed.2017-4500 Cl ⁻ B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	0.78	APHA 23 rd Ed.2017-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
13	Nitrate as NO ₃	mg/L max	10.22	APHA 23 rd Ed.2017-4500 NO ₃ ⁻ B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
14	Iron as Fe	mg/L max	0.12	APHA 23 rd Ed.2017-3500 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 in full, without the written permission of the Lab In-charge.
- Tested Sample shall be retained till the date of issue of the certificate.
- The liability of the laboratory is limited to the amount involved.
- All disputes are subjected to the Ranchi Jurisdiction.
- NOTE: This report is valid only for the purpose mentioned above.

Attested
 New Cambrian Public School
 Choreya More, Bijupara
 Ranchi-835214

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


 Authorised Signatory
 (Quality Manager)
 State Level Water Testing Laboratory
 D.W. & S. Deptt. Hindoo Ranchi

State Level Water Testing Laboratory, Ranchi, Jharkhand

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Issued to: - The Principal, New Cambrian Public School, Choreya More, Bijupara, Ranchi-835222.	Sample Code: - 230606-GW-A-003 ULR NO.: - TC73512300000614P(B) Date of Issue: - 15/06/2023 Customer Reference No.: - SLR/CLR/JUNE -23/013
Sample No.: - 01 - Boring Water.	
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: - 06/06/2023 Sample collected by: - Customer Sampling Location: - Final Outlet

Discipline: Chemical - Residues in Water					14/06/2023
Test started on: - 06/06/2023		Test completed on :-			Specification as per BIS - 10500:2012 (Second Revision)
Sl. No.	Test Parameter	Unit	Results	Method	Amendment - June 2015
					Acceptable Limit
					Permissible Limit (In Absence of Alternate source)
01	Arsenic as As	µg/L max	BDL	IS : 3025(part-37) (Silver Diethyldithiocarbamate method)	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-----

Attested
 Principal
 New Cambrian Public School
 Choriya More, Bijupara
 Ranchi-835214

Authorised Signatory
 (Quality Manager)
 Quality Manager
 State Level Water Testing Laboratory
 D.W. & S. Deptt., Hinc, Ranchi

State Level Water Testing Laboratory, Ranchi, Jharkhand



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Issued to: - The Principal, New Cambrian Public School, Choreya More, Bijupara, Ranchi-835222.		Sample Code: - 230606-GW-A-003 ULR NO.: - TC735123000000614P(C) Date of Issue: - 15/06/2023 Customer Reference No.: - SLR/CLR/JUNE -23/013			
Sample No.: - 01 - Boring Water.		Details of Sampling			
Sample Particulars		Date of sampling: - N/A			
Sample Name/Description: - Ground Water.		Sample Received date: - 06/06/2023			
Sample Quantity: - 500 ml		Sample collected by: - Customer			
Sample pkg. Condition: - Good.		Sampling Location: - Final Outlet			
Discipline: Biological					
Test started on: - 06/06/2023		Test completed on: - 07/06/2023			
Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS - 10500:2012 (Second Revision) Amendment - June 2015
1	Total Coliform	CFU/100mL	Nil	APHA 23 rd Ed.2017-9222 B (Membrane Filter Technique)	Acceptable Limit: Shall not be detectable in any 100 mL sample
2	Thermotolerant (Fecal) Coliform	CFU/100mL	Nil	APHA 23 rd Ed.2017-9222 D (Membrane Filter Technique)	Permissible Limit (In Absence of Alternate source): 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.
- ♦ NOTE: - TNTC = Too Numerous To Count.

Principal
PRINCIPAL
New Cambrian Public School
Choreya More, Bijupara
Ranchi-835214

Am
Authorised Signatory
(Quality Manager)
Quality Manager
State Level Water Testing Laboratory
D.W. & S. Deptt. Hingoo, Ranchi

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