



District Level Water Testing Laboratory,
Drinking Water and Sanitation Division, Garhwa- 822114, Jharkhand
 Email: dlwtlgarhwa@gmail.com

	Test Report	Doc No.: GRH-DLWTL-QP-4-F19 Issue No.: 01 Revision No.: 00 Date: 01-02-2019	 NABL
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Issued to:- Executive Engineer, D.W.&S. Division Garhwa	Sample Code: -02/09/Grh/ Grh/ Bsp/01 Report ID: - Date of Issue: -04/09/2023 Customer Reference No.: -
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Sample Particulars	Details of Sampling
Sample Name/Description: - Tap Water Sample Quantity: - 1L Sample pkg. Condition: - Good	Date of sampling: - Sample Receive date: -02/09/2023 Sampling Protocol: - Sample collected by: -customer Sampling Location :- Kendriya Vidyalaya Bishunpur garhwa

Test started on: - 02/09/2023 Test completed on: -04/09/2023

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	-	7.2	APHA 23 rd Ed. 2017-4500-H' B (Electrometric method)	6.5 - 8.5	No relaxation
2	Turbidity	NTU	0.1	APHA 23 rd Ed. 2017-2130 B (Nephelometric method)	1	5
3	Total Alkalinity as CaCO ₃	mg/l	350	APHA 23 rd Ed. 2017-2320 B (Titration method)	200	600
4	Calcium as (Ca)	mg/l	96	APHA 23 rd Ed. 2017-3500 Ca B (EDTA Titration method)	75	200
5	Magnesium as Mg	mg/l	33.6	APHA 23 rd Ed. 2017-3500-Mg B (Calculation method)	30	75
6	Total Hardness as CaCO ₃	mg/l	380	APHA 23 rd Ed. 2017-2340 C (EDTA Titration method)	200	600
7	Fluoride as (F)	mg/l	0.32	APHA 23 rd Ed. 2017-4500 F' C (Ion selective electrode method)	1.0	1.5
8	Chloride	Mg/l	80	APHA 23 rd Ed. -4500-Cl Method B (Argentometric Method):2017	250	1000
9	Total Dissolved Solid (TDS)	mg/l	615	APHA 23 rd Ed 2017-254C	500	2000
10	Colour	HU	05	APHA 23 rd Ed. -2017-2021 Method B (Colour Visual Comparison)	05	15
11	Taste	---	Agreeable	Is 3025(Part-8):2017	Qualitative	---
12	Odour	---	Agreeable	Is 3025(Part-5):2017	Qualitative	---

(Signature)
 (Section In-charge)
 Chemical Section

(Signature)
 Authorised Signatory
 Authorized Signatory