



District Level Water Testing Laboratory, Giridih
Barganda North of Power House More,
Near Sankat Mochan Mandir, Giridih-815301
Email : dlwtl@giridih@gmail.com



TC-16430

Report No:	591	Issue Date :21/05/2026
Issued To: (Name & Address of Customer)	ROYAL GLOBAL SCHOOL,PACHAMBA, GIRIDIH	Order Ref. No.:
		Sample Condition-Good,1 Ltr at 4 ^o C
		ULR No.:TC164302500000128F
Date of Start Analysis :	20/05/2026	Source of water: Well
Date of Completion Analysis :	2/05/2026	Sampling: Not done by laboratory
		Sample Received Date:20/05/2026
		Environmental Condition of laboratory Temperature: 23.6 ^o C Humidity:52%

Test Report

Sl. No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH	---	---	APHA 24 th Edition 2023-4500-H ⁺ B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	---	APHA-24 th Edition 2023-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	---	APHA 24 th Ed.2023-2540 C, (Total Dissolved Solids Dried at 180°C)	500	2000
4	Total Alkalinity as CaCO ₃	mg/L	124	APHA-24 th Edition 2023-2320-B, (Titration method)	200	600
5	Total Hardness as CaCO ₃	mg/L	192	APHA-24 th Edition 2023-2340-C, (EDTA Titrimetric Method)	200	600
6	Calcium as Ca	mg/L	59.26	APHA-24 th Edition 2023-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg	mg/L	10.56	APHA-24 th Edition 2023-3500-Mg-B, (Calculation Method)	30	100
8	Chloride as Cl	mg/L	148	APHA-24 th Edition 2023-4500 Cl- B, (Argentometric method)	250	1000
9	Fluoride as F	mg/L	---	APHA 24 th Ed.2023-4500 F C, (Ion selective electrode method)	1.0	1.50
10	Colour	HU	02	APHA-24 th Edition 2120 B,(visual comparison method(2023)	5	15
11	Odour	-	Agreeable	IS 3025(part 5)2018	Agreeable	Agreeable
12	Taste	-	Agreeable	IS3025(part-8)2023	Agreeable	Agreeable

Notes: -

- The results listed refer only to the tested sample and applicable parameters as received from the customer.
- 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 Lab In-charge
- All disputes are subjected to the Giridih Jurisdiction.
- The laboratory is responsible for all the information given in the report.
- Tested samples will be disposed off after 7 days of issue of test report

Reviewed

Deepak Kumar Verma
21.05.26

Deepak Kumar Verma
(Technical Manager)

Technical Manager
District Level Water Testing Laboratory
Barganda North of Power House More,
Near Sankat Mochan Mandir, Giridih-815301



Authorized

Praveen Chandra Prabhakar
21/05/2026

Praveen Chandra Prabhakar
(Quality Manager)

Quality Manager
District Level Water Testing Laboratory
B W 2, S B, J A, Giridih