

District Level Water Testing Laboratory

(Government of Jharkhand)

Office of The Executive Engineer (DWSD),
Bhelatand Water Treatment Plant Campus, Dhanbad-826004.
Email: dlwtl.dhanbad@gmail.com



TC-15603

Test Report

ULR No:	TC1560326000000259F	Report Issue Date: 05-09-2026
To Customer Details:	GGCET ST XAVIERS INTERNATIONAL SCHOOL, DHANBAD	Order Ref. No:
Date of Sample Receiving:	02-09-2026	Sampling: Not done by laboratory
Date of Start Analysis:	02-09-2026	Sample Description: 1 Litre Drinking Water in Sealed Plastic Bottle.
Date of Completion Analysis:	05-09-2026	Location:- Sri Ram kunj Nawadih Dhanbad Bhuli Hirak Road Near Airport P.O .B Polytechnic Dhanbad

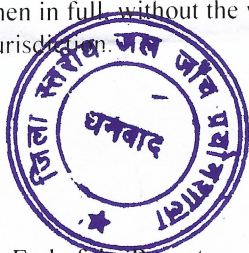
PHYSICO-CHEMICAL PARAMETER:				
S.L	Parameters	Result	Method Reference	BIS 10500:2012 (Acceptable -Permissible Limit)
1.	Taste	Agreeable	APHA-24 th Edition 2023-2161 A, IS:3025 Part -7 & 8	Agreeable
2.	Odour	Agreeable	APHA-24 th Edition 2023-2150 A, IS:3025 Part - 5	Agreeable
3.	Colour (Hazen)	<10	APHA-24 th Edition 2023-2120-B (Visual Comparison Method), IS:3025 Part	5 - 15
4.	pH (25°C)	6.8	APHA-24 th Edition 2023-4500-H ⁺ B (Electrometric Method)	6.5 - 8.5
5.	Total Dissolve Solid (mg/l)	198	APHA-24 th Edition 2023-2540 C	500 - 2000
6.	Turbidity (NTU)	1.0	APHA-24 th Edition 2023-2130-B (Nephelometric Method)	1.0 - 5.0
7.	Fluoride as F ⁻ (mg/l)	0.60	APHA-24 th Edition 2023-4500-F-C (Ion Selective Electrometric Method)	1.0 - 1.5
8.	Total Alkalinity as CaCO ₃ (mg/l)	170.0	APHA-24 th Edition 2023-2320-B (Titrimetric Method)	200 - 600
9.	Total Hardness as CaCO ₃ (mg/l)	176.0	APHA-24 th Edition 2023-2340-C, (EDTA Titrimetric method)	200 - 600
10.	Calcium as Ca ⁺ (mg/l)	41.60	APHA-24 th Edition 2023-3500-B (EDTA Titrimetric Method)	75 - 200
11.	Magnesium as Mg ⁺ (mg/l)	19.68	APHA-24 th Edition 2023-3500-B (Titrimetric Method)	30 - 100

Notes:-

- All the parameters are expressed in milligrams/Litre except pH, and Turbidity (NTU), Colour (Hazen).
- The results listed refer only to the sample as received and tested.
- 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 Dhanbad Jurisdiction.
- BDL= Below Detection Limit.

Review by

Signature
5/9/26



End of the Report

Signature
(Authorised Signatory)