



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-8872

Test Report

ULR No:	TC88722400000262F	Report Issue Date :	19-03-2024
To Customer Details:	GGCT ST XAVIER'S INTERNATIONAL SCHOOL, DHANBAD	Order Ref. No.	
Date of Sample Receiving:	16-03-2024	Sampling:-	Not done by laboratory
Date of Start Analysis :	16-03-2024	Sample Description:-	1 Litre Drinking Water in Sealed Plastic Bottle.
Date of Completion Analysis:	19-03-2024	Location:-	Shree Ram Kunj, Nawadih, Bhuli Hirak Road Dhanbad.

	Parameters	Result	Method Reference	BIS 10500:2012 (Acceptable-Permissible Limit)
1	pH (25°C)	7.9	APHA-23 rd Edition 2017-4500-H ⁺ B (Electrometric Method)	6.5 - 8.5
2	Turbidity (NTU)	1.2	APHA-23 rd Edition 2017-2130-B (Nephelometric Method)	1.0 - 5.0
3	Total Alkalinity as CaCO ₃ (mg/l)	180	APHA-23 rd Edition 2017-2320-B (Titrimetric Method)	200 - 600
4	Total Hardness as CaCO ₃ (mg/l)	124	APHA-23 rd Edition 2017-2340-C (EDTA Titrimetric method)	200 - 600
5	Calcium as Ca ⁺ (mg/l)	49.6	APHA-23 rd Edition 2017-3500-B (EDTA Titrimetric Method)	75 - 200
6	Magnesium as Mg ⁺ (mg/l)	24.0	APHA-23 rd Edition 2017-3500-B (Titrimetric Method)	30 - 100
7	Fluoride as F ⁻ (mg/l)	1.1	APHA-23 rd Edition 2017-4500-F-C (Ion Selective Electrometric Method)	1.0 - 1.5

Notes:-

- All the parameters are expressed in milligrams/Litre except pH, and Turbidity (NTU).
- The results listed refer only to the sample as received and tested.
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- 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.



[Signature] 19/03/24
(Authorised Signatory)

End of the Report