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:	**TC156032600000225F**	**Report Issue Date: 21-07-2026**
To Customer Details:	**THE PRINCIPAL.** **HERITAGE PUBLIC SCHOOL** Barwa East, Govindpur, Dhanbad.	**Order Ref. No:** NA

Date of Sample Receiving:	**20-07-2026**	**Sampling:** Not done by laboratory
Date of Start Analysis:	**20-07-2026**	**Sample Description:** 1 Litre **Drinking Water** in Sealed Plastic Bottle.
Date of Completion Analysis:	**21-07-2026**	**Location:-** Barwa East, Govindpur, Dhanbad.

PHYSICO-CHEMICAL PARAMETER:

S.I.	Parameters	Result	Method Reference	BIS 10500:2012 (Acceptable -Permissible Limit)
1	Taste	**Agreeable**	APHA-24th Edition 2023-2161 A. IS:3025 Part -7 & 8	Agreeable
2	Odour	**Agreeable**	APHA-24th Edition 2023-2150 A. IS:3025 Part - 5	Agreeable
3	Colour (Hazen)	**<5.0**	APHA-24th Edition 2023-2120-B (Visual Comparison Method). IS:3025 Part	5 - 15
4	pH (25°C)	**7.1**	APHA-24th Edition 2023-4500-H+B (Electrometric Method)	6.5 - 8.5
5	Total Dissolve Solid (mg/l)	**80.0**	APHA-24th Edition 2023-2540 C	500 - 2000
6	Turbidity (NTU)	**1.0**	APHA-24th Edition 2023-2130-B (Nephelometric Method)	1.0 - 5.0
7	*Fluoride as F* (mg/l)	**0.47**	APHA-24th Edition 2023-4500-F-C (Ion Selective Electrometric Method)	1.0 - 1.5
8	Total Alkalinity as $CaCO_3$ (mg/l)	**66.0**	APHA-24th Edition 2023-2320-B (Titrimetric Method)	200 - 600
9	Total Hardness as $CaCO_3$ (mg/l)	**70.0**	APHA-24th Edition 2023-2340-C (EDTA Titrimetric method)	200 - 600
10	Calcium as Ca+ (mg/l)	**16.8**	APHA-24th Edition 2023-3500-B (EDTA Titrimetric Method)	75 - 200
11	Magnesium as Mg+ (mg/l)	**6.72**	APHA-24th Edition 2023-3500-B (Titrimetric Method)	30 - 100
12	Chloride as Cl (mg/l)	**32.3**	APHA-24th Edition 2023-4500-Cl-B (Titrimetric Method	250 - 1000

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.

राज्य स्तरीय जल परीक्षण प्रयोगशाला धनबाद

End of the Report

Review by

Toofan
21-7-26

21/7/26
(Authorised Signatory)