



# District Level Water Testing Laboratory

(Government of Jharkhand)

Office of The Executive Engineer (DWSD),

Bhelatand Water Treatment Plant Campus, Dhanbad-826004.

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## Test Report

ULR No:	TC887222000000117F	Report Issue Date : 04-07-2022
Customer Details:	The Chairman, G.D. Goenka Public School, Dhanbad.	Order Ref. No:- GDGPS22230099
Date Of Sample Receiving:	24-06-2022	Sampling: Not done by laboratory
Date of Start Analysis :	24-06-2022	Sample Description: 1 Litter RO Water in Sealed Plastic Bottle.
Date Of Completion Analysis:	02-07-2022	Location: RO Water of G.D. Goenka Public School, Jagannath Puram Panduki, Barwadda, Dhanbad.

Sl. No.	Parameters	Result	Method Reference	BIS 10500:2012 (Acceptable Permissible Limit)
1	pH (25°C)	6.7	APHA-23 <sup>rd</sup> Edition 2017-4500-H-B (Electrometric Method)	6.5 - 8.5
2	Turbidity (NTU)	0.6	APHA-23 <sup>rd</sup> Edition 2017-2130-B (Nephelometric Method)	1.0 - 5.0
3	Total Alkalinity as CaCO <sub>3</sub> (mg/l)	38.0	APHA-23 <sup>rd</sup> Edition 2017-2320-B (Titrimetric Method)	200 - 600
4	Total Hardness as CaCO <sub>3</sub> (mg/l)	26.0	APHA-23 <sup>rd</sup> Edition 2017-2340-C (EDTA Titrimetric method)	200 - 600
5	Calcium as Ca <sup>+</sup> (mg/l)	7.2	APHA-23 <sup>rd</sup> Edition 2017-3500-B (EDTA Titrimetric Method)	75 - 200
6	Magnesium as Mg <sup>+</sup> (mg/l)	1.68	APHA-23 <sup>rd</sup> Edition 2017-3500-B (Titrimetric Method)	30 - 100
7	Fluoride as F <sup>-</sup> (mg/l)	0.017	APHA-23 <sup>rd</sup> 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*  
04/07/22



End of the Report

*Signature*  
04/07/22  
(Authorised Signatory)