



CENTRAL POLLUTION CONTROL BOARD  
REGIONAL DIRECTORATE SHILLONG  
BSNL NE 1, TELECOM Circle, CTO Building, Ground Floor, Shillong - 793001

Water Laboratory (ANALYSIS REPORT)  
Fresh Water Samples for Physico-Chemical Analysis Report

Samples Registration No. & Date : RD-SHIL/FW/2324/SR00003, 26/10/2023 Report No. & Date of Issue : RD-SHIL/2324/FW/00012,13/11/2023  
Analysis Request Division/Organization : RD Shilong Report sent to (Name, Mobile no. & Address of Indentor) : DH of RD Shilong  
Sample Details : Idol Immersion Sample Matrix : Fresh Water  
Sample Collected by : Ananda Kumar Ngangom, Humbleman L Mawphlang Date & Time of Sample Receipt : 26/10/2023 13:00 PM  
Sampling Plan Preference : Sample Analysis Period : 26/10/2023 to 03/11/2023  
Report Status : Final

Sr.No	Date of Sample Collection	Field Code	Color	Dissolved Oxygen (DO)	Total Alkalinity	Total Hardness as CaCO <sub>3</sub>	Turbidity
1	24/10/2023	w1,w2			91	75.6	102.2

BDL : Below Deduction Limit

Remarks (if any) :

BCH. 5 H Y W b W b F U j c b g U F Y Y I d f Y g g X ' J o ' a [ # Y I W d h d < ' U b X ' 7 c b X i W j ] m f l e a \ c # A # L . f l e a \ c # A # L

Statement :

1. The results relate only to the samples tested.
2. The report shall not be reproduced except in full without written approval of the laboratory
3. BDL & Test methods are mentioned on back side of this report.
4. Samples will be retained only for one week after receipt of Report.

Analyst

Supervisor & Reviewer  
Ananda Kumar Ngangom

Issued By (DH Water-Lab)  
Rakesh Basumatary

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Parameter Name	Test Method	Unit	Limit of Detection	Uncertainty of Measurement
BOD	APHA 5210 B, 23rd Ed. 2017, 4500 OC, (5 days at # @ " \) #	mg/l	01	
Chloride	APHA 4500 - Cl B, 23rd Ed.: 2017	mg/l	2	
COD	APHA 5220 B, 23rd Ed.: 2017	mg/l	2	
Color	APHA 2120 C Spectrophotometric Method, 23rd Ed.: 2017	mg/l	5	
Conductivity	APHA 2510 - B, 23rd Ed.: 2017		1	
Dissolved Oxygen (DO)	Iodometric Methods	mg/L	0.15	+0.05
pH	APHA 4500 H+ - B, 23rd Ed.: 2017		2	
Sulphate			5	
TDS	APHA 2540 C, 23rd Ed.: 2017	mg/l	5	
Total Alkalinity	2320 B Titration Method, 23rd Ed.: 2017	mg/l	5	
Total Hardness as CaCO <sub>3</sub>	2340 EDTA Titrimetric method, 23rd Ed.: 2017	mg/l	5	
Total Suspended Solids			10	
Turbidity	2130 B Nephelometric Method, 23rd Ed.: 2017	NTU	1	

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