

GOVERNMENT OF WEST BENGAL
OFFICE OF THE DIRECTOR
STATE WATER INVESTIGATION DIRECTORATE
WATER RESOURCES INVESTIGATION & DEVELOPMENT DEPARTMENT
CENTRAL CHEMICAL & HYDROLOGICAL LABORATORY
NIRMAN BHAVAN, 3RD FLOOR
SALT LAKE CITY, KOLKATA - 700091
Ph. 03323371810, 03323372115
E-Mail: directorswid@gmail.com

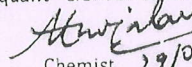
TEST REPORT
SAMPLE NOT DRAWN BY US

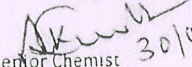
Test Report Issued to:	BHOLANANDA NATIONAL VIDYALAYA, 55 & 56 BARRACK ROAD, BARRACKPORE, NORTH 24 PGS, W.B.-700120
With reference to Test Request No.:	GRN No. 192022230102994992 Dated 22/08/2022
Lab Sample ID :	C/239/2022-2023
Source of the Sample:	GROUND WATER (Submersible), Depth : 300 Feet Approx
Location of the Sample:	Bholananda National Vidyalaya, 55 & 56 Barrack Road, Barrackpore
Sample Received on:	22/08/2022
Sample Submitted by:	Representative

CHEMICAL TEST FINDINGS

Sl. No.	Test Parameters	Unit	Results	Detection Limit	Norms as per IS - 10500:2012 (Amendment No. 1 June 2015)	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH ¹	----	7.48	----	6.5-8.5	No relaxation
2.	Specific Conductivity ² at 25 ^o C	µS/cm	900	1.0	---	---
3.	Total Dissolved Solids ³	mg/L	576	----	500	2000
4.	Chloride ⁴ as Cl	mg/L	85	1.0	250	1000
5.	Carbonate ⁵ as CaCO ₃	mg/L	NIL	----	----	----
6.	Bicarbonate ⁶ as CaCO ₃	mg/L	380	----	----	----
7.	Total Hardness ⁷ as CaCO ₃	mg/L	430	1.0	200	600
8.	Total Iron ⁸ as Fe	mg/L	0.23	0.05	1.0	No relaxation
9.	Total Arsenic ⁹ as As	mg/L	BDL	0.01	0.01	No relaxation

Note: 1. BDL: Below Detection Limit, Detection limit of Iron and Arsenic 0.05 mg/L and 0.01 mg/L respectively. 2. ¹Digital pH Meter 3420 of WTW; ²Conductivity Meter 3420 of WTW; ³+5.6⁴by titration; ⁵by Spectroquant Move 100 ; ⁶by Merckoquant⁸ 1.17927.0001 MERCK 0.005-0.5 mg/l As ⁹by Calculation 3. Bank Ref. No. 200016839 dated 22/08/2022 Rs 1380.


 Chemist 29/08/22
 CCHL, SWID, Kolkata

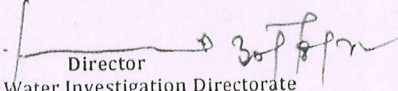

 Senior Chemist 30/08/2022
 CCHL, SWID, Kolkata

Memo No. 1326/1(2).

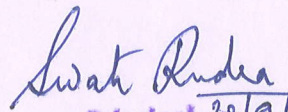
Dated, Kolkata, the 30/08/2022.

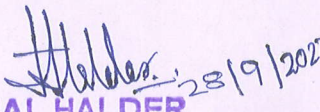
Copy forwarded for information and necessary action to:

- 1) BHOLANANDA NATIONAL VIDYALAYA, 55 & 56 BARRACK ROAD, BARRACKPORE, NORTH 24 PGS, W.B.-700120
- 2) OFFICE COPY


 Director
 State Water Investigation Directorate

The test reports relates only to the samples submitted to the laboratory for test.
End of Test Report


 Principal 28/9/2022
 Bholananda National Vidyalaya
 CBSE Affiliation No.-2430005
 Barrackpore, Kolkata-700120


 TAMAL HALDER 28/9/2022
 Manager
 Bholananda National Vidyalaya
 Barrackpore, Kolkata-700120