

GOVERNMENT OF TRIPURA
OFFICE OF THE SUB DIVISIONAL OFFICER
DWS SUB DIVISION, JIRANIA,
WEST TRIPURA

Laboratory Testing Report of Water Sample collected from DTW at Champaknagar HS School , Jirania ,Tripura (W).

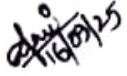
Date of Collection:- 16.09.2025

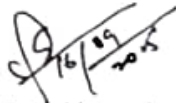
Date of Testing:- 16.09.2025

Testing Report																
Sample No.	Name & Location of Source	PH	Turbidity	Total Alkalinity	Total Hardness (Mg/Ltr.)	Chloride (Mg/Ltr.)	Iron (Mg/Ltr.)	Nitrate (Mg/Ltr.)	Flouride (Mg/Ltr.)	Free Residual Chlorine (Mg/Ltr.)	TDS (Mg/Ltr.)	Total Coliform Bacteria	Sulphate (as SO ₄)	Total Arsenic (as As)	Colour	Odour
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Champaknagar HS School	6.5	1.50 NTU	48	26	37	0.187	-	-	-	-	-	-	-	-	-

Testing Limit of Parameters					
Sl. No.	Name of Parameters	Units	Acceptable Limit		Remarks
			Acceptable limit	Permissible limit in the absence of the alternate source	
1	Colour	Hazen units	5	15	
2	Odour	--	Agreeable	Agreeable	
3	Free residual Chlorine	Milligram/Litre	0.2	1	
4	PH	--	6.5 - 8.5	No Relaxation	
5	Turbidity	NTU	1	5	
6	Total Alkalinity (as CaCO ₃)	Milligram/Litre	200	600	
7	Total Hardness (as CaCO ₃)	Milligram/Litre	200	600	
8	Chloride (as HCL)	Milligram/Litre	250	1000	
9	Iron (as Fe)	Milligram/Litre	1	No Relaxation	
10	Nitrate (as NO ₃)	Milligram/Litre	45	No Relaxation	
11	Flouride (as F)	Milligram/Litre	1.0	1.5	
12	TDS	Milligram/Litre	500	2000	
13	Sulphate (as SO ₄)	Milligram/Litre	200	400	
14	Total Arsenic (as AS)	Milligram/Litre	0.01	No Relaxation	
15	Total Coliform Bacteria	Shall not be detectable in any 100 ml of Sample	--	--	
16	E.coli/Thermotolerant Coliform Bacteria	Shall not be detectable in any 100 ml of Sample	--	--	

Analyzed by:-


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