

GOVERNMENT OF TRIPURA
OFFICE OF ASSIANT ENGINEER
D.W.S SUB-DIVISION PECHARTHAL, UNAKOTI, TRIPURA



SL NO. - 396

DATE - 31.08.26

• TEST REPORT ON PHYSICAL, CHEMICAL & BACTROLOGICAL ANALYSIS OF WATER SAMPLE •

Source Of Water Sample - Peecharthal High School

Name Of Panchayet - Peecharthal

Name Of District - Unakoti

No of Water Sample - 01

Date at Received - 31.08.26

Name of Habitation - Peecharthal

Name of Block - PECHARTHAL

Date of Collection - 31.08.26

Date or Testing - 31.08.26

SL NO	DESCRIPTION OF LIST	REQUIREMEN LIMIT	PERMEABLE LIMIT	RESULT	REMARKS
1	colour Hazen Units	5	25	Colourless	
2	Odour	Unobjectionable	-	Unobjectionable	
3	Taste	Agreeable	-	Agreeably	
•	<u>Chemical analysis :-</u>	***	***	***	***
1	Turbidity in N.T.U.	5	-	0.07NTU	
2	PH Value	6.5	8.5	8.09	
3	Total Hardness in mg/L	300	600	100	
4	Total Iron in mg/L	0.3	1.0	0.004	
5	Total Chloride in mg/L	250	1000	-	
6	Total Residual Chlorine in mg/L	0.2	-	0.00	
7	Total Alkalinity in mg/L	200	600	260	
8	Total Calcium in	75	200	-	
9	Total Magnesium in mg/L	0.1	0.3	-	
10	Free Co2 in mg/L			-	
11	Total Dissolved Solids in mg/L	500	2000	110.3	
12	Total Fluoride in mg/L	1.0	1.5	-	
13	Total Nitrate in mg/L	45	100	-	
14	Total Arsenic in mg/L	0.005	0.05	-	
15	Total Dissolved Oxygen in ppm	***	***	***	***
•	<u>Bacteriological Test :-</u>				
1	(a) Coliform (MNP/ 100 ml)			-	
2	(b) E-Coli (MNP/100ml)			-	

[Signature]
01/09/26
Signature of Analyst

Assistant Engineer
D.W.S Sub-Division, Peecharthal
Unakoti Tripura