

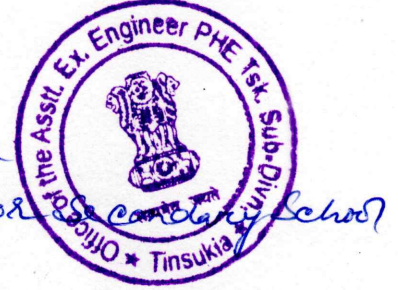
**DISTRICT LABORATORY**  
Tinsukia (PHE) Division, Tinsukia, Assam  
Water Analysis Report  
As per IS 10500

Ref. ....

Date.....

Block:

1. Report No : LAB/2022-23 :- 32
2. Name of Organisation/Village :- Gelapukhuri
3. GP :- Kokoratali Jail Road, Tinsukia
4. Pin Point Location :- Nalanikanta Dahutia Senior Secondary School
5. Habitation :-
6. Time and Date of Collection :- 17/11/2022
7. Date of Examination :- 17/11/2022 -
8. Source of Sample :- Filter
9. Nature of Test Physical /Chemical/Bacteriological



| SL. No.              | Particular                  | Desirable Limit | Permissible Limit | Value |      |
|----------------------|-----------------------------|-----------------|-------------------|-------|------|
| <b>PHYSICAL TEST</b> |                             |                 |                   |       |      |
| 1                    | Turbidity (NTU)             | 1               | 5                 | 0     | NTU  |
| 2                    | TDS (Total Dissolved Solid) | 500             | 2000              | 92.0  | Mg/L |
| <b>CHEMICAL TEST</b> |                             |                 |                   |       |      |
| 3                    | P.H.                        | 6.5 to 8.5      | No Relaxation     | 7.92  |      |
| 4                    | Iron as Fe Mg/L             | 0.3             | 1                 | 0.58  | Mg/L |
| 5                    | Alkalinity as Ca Co3 Mg/L   | 200             | 600               | 158   | Mg/L |
| 6                    | Chloride as Cl Mg/L         | 250             | 1000              | 60    | Mg/L |
| 7                    | Ca-Hardness Mg/L            | 75              | 200               | 54    | Mg/L |
| 8                    | Hardness Ca Co3 Mg/L        | 200             | 600               | 118   | Mg/L |
| 9                    | Nitrate as No3 Mg/L         | 45              | 45                | -     | Mg/L |
| 10                   | Residual Chlorine           | 0.2             | 1                 | 0     | Mg/L |
| 11                   | Arsenic                     | 0.01            | 0.01              | -     | Mg/L |
| 12                   | Fluoride                    | 1               | 1.5               | 0.27  | Mg/L |

**BACTERIOLOGICAL TEST :**

Total Bacilli Coliform MPN /100ml ..... *N.A. found* .....

Total F.E Coliform MPN /100 ..... .....

Excellent..... No. Coliform organism /100ml

Satisfactory..... 1 to 2 -do- /100ml,

Suspicious ..... 2 to 10 -do-/100ml

Unsatisfactory ..... More than 10 -do-/100ml

**REMARK :** *safe for drinking* .....

Signature of Tester  
District Level Laboratory (PHE)  
Tinsukia Division, Tinsukia

*(Signature)*  
**Asstt. Executive Engineer (PHE)**  
**Tinsukia Division**  
**Tinsukia**  
Asstt. Executive Engineer (PHE)  
Tinsukia Sub-Division  
Tinsukia

*(Signature)*  
I/C Dist. Level Laboratory(PHE)  
Tinsukia Division  
Tinsukia  
**Asstt. Chemist (DLI)**  
**PHE, Tinsukia**