

DISTRICT LEVEL LABORATORY
DIBRUGARH (PHE) DIVISION, DIBRUGARH, ASSAM
WATER ANALYSIS REPORT
As Per IS 10500

Date: 20/05/2021

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| 1 Name of Town | :- Doom Dooma(Tinsukia) |
| 2 Name of Habitation | :- ARC Doomdooma |
| 3 Pin Point | :- 03 no. post |
| 4 Source Installed | :- Self |
| 5 Type of Source | :- Filter water |
| 6 Date of Collection | :- 18-05-2021 |
| 7 Nature of Test | :- (a) Physical / Chemical / Bacteriological |

Sl.	Parameters	Desirable Unit	Permissible Limit	Value	Remarks
PHYSICAL TEST					
1	Turbidity (N.T.U)	5	10	2	N.T.U
2	Conductivity	1	2000	176.8	μS/cm
CHEMICAL TEST					
3	PH	6.5 to 8.5	No. relaxation	7.98	The parameters
4	Iron as (Fe)	0.3	1	0.93	Mg/Ltr. of the water
5	Alkalinity as (CaCo ₃)	200	600	112	Mg/Ltr. sample are within
6	Total Hardness as (CaCo ₃)	300	600	156	Mg/Ltr. the permissible
7	Total Dissolved Solids	500	2000	89.45	Mg/Ltr. limit.
8	Fluorides as (F)	1	1.5	0.67	Mg/Ltr.
9	Nitrate as (No ₃)	45	45	0.56	Mg/Ltr.
10	Residual Chlorine	0.2	--	Nil	Mg/Ltr.
11	Chlorides as (Cl)	250	1000	20	Mg/Ltr.
12	Arsenic(As)		0.01	Nil	Mg/Ltr.
13	Calcium as (Ca)	75	200	56	Mg/Ltr.
14	Magnesium as (Mg)	30	150	24.4	Mg/Ltr.

BACTERIOLOGICAL TEST :-

1. Total Basall Coliform MPN / 100 ml. :- Absent
2. Total F.E Coliform MPN / 100 ml :-Nil

ITEMS :-

1. Excellent No Coliform
2. Satisfactory 1 to 2 No. coliform
3. Suspicious 3 to 10 No. coliform
4. Unsatisfactory More than 10.

Remarks : " Contamination not found"

Advice:-"Water Sample may be tested at regular interval i.e. 6(six) months"

Signature
Asstt.Chemist(PHE)
D.L.L. Dibrugarh

Signature
In-charge, Laboratory
Dibrugarh Sub-Division.Dibrugarh

Signature
Asstt.Executive Engineer(PHE)
Dibrugarh Sub-Division Dibrugarh