

GOVERNMENT OF TELANGANA
MISSION BHAGIRATHA DEPARTMENT
INTERNAL WATER QUALITY MONITORING LABORATORY




CHEMICAL ANALYSIS REPORT OF WATER (Based on IS 10500 2012 IInd Revised)

Mandal : Yellareddypet	sample Collected by : Field Assistant
Village : Dumala	Date of Collection : 22-12-2023
Location : TSEMRS School	Date of Received : 22-12-2023
Source of water : Bore Water	Date of Report : 23-12-2023
code:	Lab Ref No:2357

TEST	RESULT	Acceptable Limit	Permissible Limit in the absence of alternate Source
Colour (T.C.U) Hazen Units	0	5 Units	15 Units
Turbidity (N.T.U) Units	0	1 Units	5 Units
Odour	Un-Objectionable	Un-Objectionable	Un-Objectionable
Value of PH	7.56	6.5 - 8.5	No Relaxation
Total Dissolved Solids (Mg/L)	869	500	2000
Alkalinity (Phenolphthelein as CaCo3 (Mg/L)			
() Methyl Orange (Mg/L)	424	200	600
Total Hardness	456	200	600
Chloride (as Cl) (Mg/L)	212	200	1000
Fluoride (as F) (Mg/L)	1.84	1.0	1.5
Nitrate (as No3) (Mg/L)	7.2	45	45
Sulphate (as So4) (Mg/L)	84	200	400
Iron (as Fe) (Mg/L)	0.05	0.3	1.0
Residual Chlorine (PPM)	0	0.2	1.0

Remarks: Flouride is high, Hence This Source is not fit for drinking purpose.


 ASSISTANT CHEMIST
 INTERNAL WATER QUALITY MONITORING LABORATORY
 MB INTRA, SD, SIRCILLA