

**GOVERNMENT OF TELANGANA
PANCHAYATH RAJ ENGINEERING DEPARTMENT
INTERNAL WATER QUALITY MONITORING LABORATORY
RWS&S SUB-DIVISION - SIRCILLA**

CHEMICAL & BACTERIOLOGICAL ANALYSIS REPORT OF WATER



Mandal: Yellareddypet

Sample Collected by: FIELD ASSISTANT

Village: Dumala

Date of Collection: 29.01.2019

Location: School

Date of Received: 29.01.2019

Source of water: Bore well water

Date of Report: 29.01.2019

code:

Lab Ref No:

Chemical Report

TEST	RESULT	HIGHEST DESIRABLE	MAXIMUM PERMISSIBLE
Value of PH	7.68	7	8.5
Total Dissolved Solids (Mg/L)	1308	500	2000
Alkalinity (Phenolphthalein as CaCO ₃ (Mg/L)			
! Methyl Orange (Mg/L)	360	200	600
Total Hardness	260	300	600
Chloride (as Cl) (Mg/L)	122	200	1000
Fluoride (as F) (Mg/L)	2.40	1.0	1.5
Nitrate (as NO ₃) (Mg/L)	13.4	45	100
Sulphate (as SO ₄) (Mg/L)	34	200	400
Iron (as Fe) (Mg/L)	0.04	0.3	1.0

REMARKS: Fluoride is high, This source is not fit for drinking purpose

P. S. S.
**ASSISTANT CHEMIST / MICROBIOLOGIST
INTERNAL WATER QUALITY MONITORING LABORATORY
RWS & S, SUB-DIVISION - SIRCILLA**

“ATTESTED”

[Signature]
**PRINCIPAL
TSEMBS (TSES)**

Yellareddypet, Rajanna Sircilla Dist