

## DISTRICT LEVEL WATER QUALITY TESTING LABORATORY

RURAL DRINKING WATER &amp; SANATION DIVISION, BALLARI.

## PHYSICAL &amp; CHEMICAL WATER QUALITY TEST REPORT

Name of village : Ballari

Location : BW @ Jain public school Near Belagal

Taluk : Ballari

District : Ballari

Source : Bore well Raw water

LAB REPORT No. :

DATE OF COLLECTION : 12-06-2023

Constituents	Results mg/L	Indian Standard Drinking water Specification IS 10500:1991	
		Desirable limit	Permissible limit
A TYPE: CAT ION			
1. Calcium (Ca)	75	75	200
2. Magnesium (Mg)	56	30	100
3. Sodium (Na)		-	-
4. Potassium (K)		-	-
5. Total Iron (Fe)	0.10	0.3	1.0
B TYPE : AN IONS			
1. Carbonate (CO <sub>3</sub> )	Nil	-	-
2. Bicarbonate (HCO <sub>3</sub> )	186	-	-
3. Chloride (Cl)	224	250	1000
4. Fluoride (F)	0.900	1.0	1.5
5. Nitrate (NO <sub>3</sub> )	15	45	No Relaxaion
6. Sulphate (SO <sub>4</sub> )	55	200	400
A Total Dissolved Solids (TDS)	720	500	2000
B Sp. Conductance micro ohms/cm	1200	-	-
C Total Hardness	416	300	600
D pH	7.55	6.5 - 8.5	No Relaxaion
E Turbidity	1.00	0.0 - 5.0 NTU	

DATE OF TESTING : 13-06-2023

ANALYSED BY : Balaram

Remarks : potable

*Balaram*  
CHEMIST / ANALYST

*[Signature]*

PRINCIPAL

JAIN PUBLIC SCHOOL,

Belagal Village, Ballari-583 115