



**RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK**  
 District water quality testing laboratory Ballari  
 O/o Executive Engineer, Rural Drinking water supply & sanitation Division  
 Zilla Panchayath Premesis, Fort area, Ballari-583102  
 e-mail: eerdwsd.bly@gmail.com

**TEST REPORT**

To,  
 Jain Public School  
 Near Belagal  
 Location:- Borewell water

Sample Particulars:-Borewell water

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012	Permissible Limit IS 10500 : 2012	Protocol
<b>Description:</b>					
1.	pH Value @Temp 25°C	7.58	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ Temp 25°C	1200	–	–	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6) : 2018
4.	Colour, Hazen Units	5	5	15	IS 3025 (Part-4) : 2021
5.	Turbidity, NTU	0.9	1	5	IS 3025 (Part-10) : 2023
6.	Total Dissolved Solids @ 180°C, mg/l	708	500	2000	IS 3025 (Part-16) : 2023
7.	Alkalinity as $\text{CaCO}_3$ , mg/l	240	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as $\text{CaCO}_3$ , mg/l	400.3	200	600	IS 3025 (Part-21) : 2009
9.	Calcium as Ca, mg/l	73.7	75	200	IS 3025 (Part-40) : 1991
10.	Magnesium as Mg, mg/l	52.5	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	125.9	250	1000	IS 3025 (Part-32) : 1988
12.	Sulphate as $\text{SO}_4$ , mg/l	54.6	200	400	IS 3025 (Part-24) : 2022
13.	Fluoride as F, mg/l	0.86	1	1.5	APHA 23 <sup>rd</sup> Edition:4500F-D
14.	Nitrate as $\text{NO}_3$ , mg/l	15.6	45	No relaxation	APHA 23 <sup>rd</sup> Edition:4500NO <sub>3</sub> -B
15.	Iron as Fe, mg/l	0.10	1	No relaxation	IS 3025 (Part-53) : 2003 Method A

Remark: The above tested sample meet the permissible limit as per IS 10500:2012 RA 2018 Drinking water specification hence the source of sample shall be used for drinking purpose.

Analysed by: *M.J*  
 Junior Analyst: Jadeppa M

Authorized Signatory:  
 Technical Manager: Bheemaraja CT

*B.P.*  
 04/02/25  
 RDWSD/WQMSP/TE/01

Note: (BDL-Below Detective limit- for Fe,(<0.1mg/l) & Turbidity(<0.5 NTU)

- 1) The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- 2) Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- 3) Samples will be discarded after 15 days from the date of report generation.
- 4) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.

\*\*\*\*\*END OF THE TEST REPORT\*\*\*\*\*

*Shivay*  
 PRINCIPAL  
**JAIN PUBLIC SCHOOL,**  
 Belagal Village, Ballari-583 115

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