



Bapuji Educational Association®
Bapuji Institute of Engineering and Technology, Davanagere - 577 004
Department of Civil Engineering
Consultancy Centre

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Sheet No. :

Date :

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Date: 30.07.2026

ANALYSIS REPORT

SAMPLE DRAWN BY US

ISSUED TO : **Mandaara Public School**
Neelanahalli – 577 566
Doddabathi – Post
Davanagere Taluk and District

SAMPLE RECEIVED ON : 29.07.2026

SOURCE OF SAMPLE : School Drinking Water

Sl. No	Parameters	Unit	IS: 10500-2012	Sample 1
PHYSICAL PARAMETERS				
1	Colour		Unobject.	Colourless
2	Odour		Unobject.	Odourless
3	Taste		Unobject.	Tastless
4	p ^H	-	6.5 – 8.5	6.80
5	Conductivity	µmhos/cm	-	67.60
6	Total dissolved solids	mg/l	500-2000	40.23
0	Turbidity	NTU	5-10	0.00
CHEMICAL PARAMETERS				
8	Total Alkalinity as CaCO ₃	mg/l	200-600	12.42
9	Total Hardness as CaCO ₃	mg/l	300-600	18.53
10	Calcium as Ca	mg/l	75-200	4.12
11	Magnesium as Mg	mg/l	30 – 100	1.42
12	Chloride	mg/l	250-1000	16.85
13	Sulphate	mg/l	200-400	0.46
14	Nitrate	mg/l	45-100	0.42
15	Sodium	mg/l	150	0.89
16	Potassium	mg/l	-	0.43
17	Fluoride as F	mg/l	0.5 – 1.5	0.68

Note: Sample 1: School Drinking Water (R O Treated Water)

Prof. & Head
Professor & Head
Civil Engineering Department
B.I.E.T. Davangere.

VISION OF THE DEPARTMENT

To train the students to become Civil Engineers with leadership qualities, having ability to take up professional assignments and research with a focus on innovative approaches to cater to the needs of the society

MISSION OF THE DEPARTMENT

1. To provide quality education through updated curriculum and conducive teaching learning environment for the students to excel in higher studies, competitive examinations and professional career.
2. To impart soft skills, leadership qualities and professional ethics among the graduates to handle the projects independently with confidence.
3. To deal with the contemporary issues and to cater to the socio-economic needs.
4. To build industry-institute interaction and to establish good rapport with alumni.