

**ICC**

INDUSTRIAL CONSULTANCY CELL

(Member of Consultancy Development Centre, Supported by DSIR, Ministry of Science & Technology, New Delhi)

Address : **Kakatiya Institute of Technology & Science Campus**
(Autonomous)

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2024 193

No. ICC/CED/Water/CW-2425/A

Date: 13.11.2024

To,
Secretary & Correspondent,
Greenwood High School,
Thimmapur,
Near Amma Gardens,
Mancherial.

Sir,

Sub: Water Analysis report -testing of water for Drinking Purpose - Reg.
Ref: Your Lr.No GWHS/025/2024, Dated: 08.11.2024

With reference to the subject cited under reference, the water sample which was received at our laboratory by your representative and the results of which are given below:

Sl. No.	Constituents	Result For Sample	Limits / Range for Drinking Purpose
1	pH Value	6.62	6.5 to 8.5
2	Odour	Agreeable	Satisfactory
3	Colour	Colourless	Satisfactory
4	Conductivity	90.0 μ mhos/cm	1500 μ mhos/cm
5	Total dissolved solids	60 mg/L	500mg/L - Drinking
6	Total hardness	90 ppm	Less than- 500 ppm
7	Chlorides	70.9 mg/L	Less than 600 mg/L
8	Total alkalinity Methyl orange	122 mg	Less than 500ppm
9	Degree of hardness	90 CaCO ₃ Eq.	Less than 500 CaCO ₃ Eq.
10	Hardness as Ca	40 ppm	100.00 ppm
11	Hardness as Mg	50 ppm	60.00 ppm
12	Suspended solids	Nil	500mg/L - Drinking
13	Nature of the water	Neutral	Neutral - pH=7

Note: As per the above tests conducted the water sample suitable for drinking purpose.


(Dr. S. Sunil Pratap Reddy)
Coordinator


PRINCIPAL
Principal

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