



S.J.M. Vidyapeetha (Regd.)

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CONSULTANCY CENTRE

DEPARTMENT OF CIVIL ENGINEERING

Ref. No: SJMIT/ CED/CON/24-25/

Date: 19/06/2024

WATER QUALITY ANALYSIS TEST REPORT

CLIENT: The Chitradurga Don Bosco Society,
N.H-4 Road , Kalagote, Chitradurga.


SAMPLE SUPPLIED BY CLIENTS

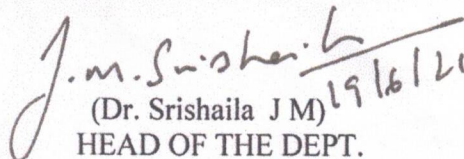
Type of Source: Filter Water

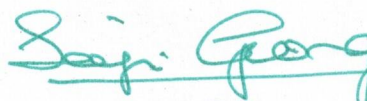
Place : Chitradurga.

| Sl. No. | Parameters Analysed | Requirement Desirable Limit BIS | In absence of alternative sources | RESULTS |
|----------------------------|--|---------------------------------|-----------------------------------|-----------|
| PHYSICAL PARAMETERS | | | | |
| 1 | Appearance | - | - | Clear |
| 2 | Odour | - | - | Odourless |
| 3 | Turbidity (NTU) | 10 | 25 | Zero |
| CHEMICAL PARAMETERS | | | | |
| 4 | pH | 6.5-8.5 | 6.5-9.2 | 7.12 |
| 5 | Total Alkalinity (as CaCO ₃ , mg/l) | 200 | 600 | 78 |
| 6 | Total Hardness (as CaCO ₃ , mg/l) | 300 | 600 | 59 |
| 7 | Chloride (as Cl, mg/l) | 250 | 1000 | 25 |
| 8 | Calcium ((as CaCO ₃ , mg/l) | 75 | 200 | 14 |
| 9 | Magnesium (as CaCO ₃ , mg/l) | 30 | 100 | 09 |

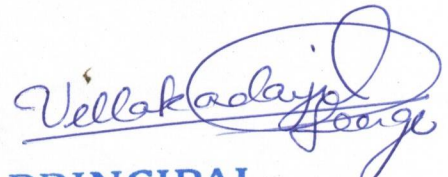
Tested by


(Hussian Imran KM)
FACULTY INCHARGE
DEPT. OF CIVIL ENGG.
S.J.M.I.T. CHITRADURGA


(Dr. Srishaila J M) 19/6/24.
HEAD OF THE DEPT.
DEPT. OF CIVIL ENGG.
S.J.M.I.T. CHITRADURGA


MANAGER
DON BOSCO SCHOOL
P.B.No.64, N.H-4 Road, Kelagote,
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