




RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Channagiri Sub-division Lab.

TEST REPORT					
Source Location : St.John's English Medium school, Shivakumarswamy badavene, HRB layout Davanagere.				Report date: 18/04/2024	
				Reference: Sample receipt Form	
				Sample receipt date: 15/04/2024	
				Date of Sample collection : 15/04/2024	
				Analysis start date: 18/04/2024	
				Analysis completion date: 18/04/2024	
Sample collection protocol: APHA Method					
Sample Particulars: Borewell water				Sample quantity:-1000 ML	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA 2018	Permissible Limit IS 10500 : 2012 RA 2018	Protocol
Description: Colourless clear liquid					
1.	pH Value @25°C	7.41	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, µS/cm @ 25°C	907	–	–	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):2023
5.	Colour, Hazen Units	<5	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	<1	1	5	IS 3025 (Part-10) : 2023
7.	Total Dissolved Solids, mg/l	581	500	2000	IS 3025 (Part-16) : 2023
8.	Alkalinity as CaCO ₃ , mg/l	81	200	600	IS 3025 (Part-23) : 2023
9.	Total Hardness as CaCO ₃ , mg/l	291	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	58	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	35	30	100	IS 3025 (Part-46) : 2023
12.	Chloride as Cl, mg/l	105	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO ₄ , mg/l	64	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.54	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO ₃ , mg/l	36.3	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.001	1	No relaxation	IS 3025 (Part-53) : 2003
Remark: The given sample conforms to the permissible limit of IS 10500:2012 RA 2018 drinking water specifications for above tested physical and chemical parameters only.					
Analysed by: Analyst 					

Note:

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