

Received from: Dr. K. User-Narayan (Bolt)

Date of Collection : 30/7/25 Date of Received : 30/7/25 Date of Analysis : 30/7/25 Date of Issue : 27/7/25

Lab Ref no	Mandal	G.P	Source code / location	Type of Source	Colour	Turbidity	pH	EC	Total Dissolved Solids	Total Alkalinity as CaCO_3	Total Hardness as CaCO_3	Calcium as Ca^{++}	Magnesium as Mg^{++}	Chloride as Cl^-	Fluoride as F^-	Nitrate as NO_3^-	Sulfate as SO_4^{--}	Iron as Fe	Sodium as Na^+	Potassium as K^+	Silica as SiO_2	Remarks
IS-10500-2012 Permissible limits																						
			Permissible limits in the absence of alternate source		5.0	1.0	6.5-8.5	—	500	200	200	75	30	250	1	45.0	200	1.0	—	—	—	
			Permissible limits in the absence of alternate source		15.0	5.0	No relaxation	—	2000	600	600	200	100	1000	1.5	No relaxation	400	No relaxation	—	—	—	
			Units		Pl-Co	NTU	—	($\mu\text{S/cm}$)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
805	Chitambar	Chitambar	Chitambar	Chitambar			7.30	88	1888	280	150	130	103	234	1.5	45	28	20				Chemically not satisfactory
806	Chitambar	Chitambar	Chitambar	Chitambar			7.00	88	114	88	160	80	26	11	0.5	0	0	0				Chemically not satisfactory
V. Madh 30/12/15 Assistant Exe. Engineer, RWS & S, Adoni (M). M. Mahadevi (Chemist)																						