

No	Parameter	CPHEED	BIS-1983	BIS-1991	WHO
1	Colour Pt/Co Scale	25	50	25	15
2	Turbidity NTU	10	25	10	5
3	Total Dissolved solids mg/L	1500	3000	2000	1000
4	pH	6.5-9.2	9.2-6.5	6.5-8.5	8.5-6.5
5	Alkalinity (as CaCO ₃) mg/L	-	-	600	-
6	Total hardness (as CaCO ₃)	600	600	600	500
7	Calcium (as Ca) mg/L	200	200	200	-
8	Magnesium mg/L	150	100	-	-
9	Sodium (as Na) mg/L	-	-	-	200
10	Iron (as Fe) mg/L	1.0	1.0	1.0	0.3
11	Manganese (as Mn) mg/L	0.5	0.5	0.3	0.1
12	Chloride (as Cl) mg/L	1000	1000	1000	250
13	Fluoride (as F) mg/L	1.5	1.5	1.5	1.5
14	Sulphate (as SO ₄) mg/L	400	400	400	400
15	Nitrate (as NO ₃) mg/L	45	45	100	45
16	Copper (as Cu) mg/L	1.5	1.5	1.5	1.0
17	Cadmium mg/L	0.01	0.01	0.01	0.01
18	Selenium mg/L	0.01	0.01	0.01	0.01
19	Mercury mg/L	0.001	0.001	0.001	0.001
20	Arsenic mg/L	0.05	0.05	0.05	0.05
21	Lead	0.1	0.1	0.05	0.05
22	Zinc	1.5	1.5	1.5	5
23	Chromium	0.05	0.05	0.05	0.05
24	Cyanide	0.05	0.05	0.05	0.01