

Date of Collection : 3.11.08Date of Receipt : 4.11.08**PHYSICAL EXAMINATION**

	(A)	(B)	
Appearance			<u>clear</u>
Colour (Pt-Co-Scale)	5	25	<u>colourless</u>
Odour	Unobjectionable		<u>none</u>
Turbidity NT units	2.5	10	<u>0</u>
Total diss. Solids mg / l	500	2000	<u>681</u>
Electrical conductivity micro mho / cm			<u>973</u>

CHEMICAL EXAMINATION

	7.0 - 8.5	6.5-9.2	
pH			<u>7.54</u>
Alkalinity Ph as CaCO ₃ Total			<u>0</u>
Total Hardness as CaCO ₃	200	600	<u>240</u>
Calcium as Ca	75	200	<u>64</u>
Magnesium as Mg	30	150	<u>19</u>
Sodium as Na			<u>80</u>
Potassium as K			<u>22</u>
Iron as Fe	0.1	1.0	<u>0</u>
Manganese as Mn	0.05	0.5	<u>0</u>
Free Ammonia as NH ₃			<u>0</u>
Albuminoid Ammonia as NH ₃			<u>-</u>
Nitrite as NO ₂			<u>0.02</u>
Nitrate as NO ₃	45	100 *	<u>10</u>
Chloride as Cl	200	1000	<u>190</u>
Fluoride as F	1.0	1.5	<u>0.4</u>
Sulphate as SO ₄	200	400	<u>39</u>
Phosphate as PO ₄			<u>0.05</u>
Tidy's Test 4 hrs. as 0			<u>-</u>
Other Test:			<u>-</u>

BACTERIOLOGICAL EXAMINATION

Standard Plate count per ml	<u>-</u>
Total coliform per 100 ml	<u>-</u>
Fecal coliform per 100 ml	<u>-</u>
Fecal Strepto cocci per 100 ml	<u>-</u>

(A) CPHEEO Standards - Acceptable Limit

(B) CPHEEO Standards - Cause for Rejection when Exceeds.

Results of chemical Examination are expressed in mg/l.

* As per BIS 1991: 100mg / L


 Junior Water Analyst.