

GOVERNMENT OF TELANGANA
DEPARTMENT OF WATER AND WASTE WATER EXAMINATION
 Directorate of I.P.M,P.H.Labs, Food (H) Administration, Narayanaguda, Hyderabad – 29.

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER				
Sample From		Arsha School of Learning	Collected by	Party
Address		Plot No:59,60,61, Sy.No:150,152, Rock Garden , Yaprall, Medchal-Malkajgiri Dist .	Collected on	05-11-2024
District		Medchal-Malkajgiri	Received on	05-11-2024
State		Telangana	Sample volume	2 ltr
Source profile		Borewell water	Sample ID	9916
S.No	Parameter	Source / Sample ID	Drinking Water -Specification As per IS 10500 :2012	
		Direct R.O water collected at above address / 9916	Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	1.31	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	7.4	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	221	....	....
7	TDS(mg/L),max	144	500	2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO3) ,phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO3) ,max	32	200	600
3	Total hardness (as CaCO3),max	64	200	600
4	Calcium hardness (as CaCO3),max	38	....	.....
5	Magnesium hardness (as CaCO3),max	26	....	.....
6	Calcium (as Ca),max	15.2	75	200
7	Magnesium (as Mg),max	6.34	30	100
8	Ammonical Nitrogen,max	Nil	....	....
9	Nitrite(as N),max	Nil	....	....
10	Nitrate(as N),max	3.3	45	No relaxation
11	Sulphate (as SO4),max	Nil	200	400
12	Chloride(as Cl),max	48	250	1000
13	Fluoride(as F),max	0.29	1.0	1.5
14	Iron (as Fe),max	Nil	0.3	No relaxation

Remarks: The above sample is physico chemically satisfactory .

E. vijayalaxmi
 Dy.Chief Water Analyst

For Arsha School of Learning


 Authorised Signatory