



GOVERNMENT OF TAMILNADU  
OFFICE OF THE ASSISTANT DIRECTOR(GEOCHEMISTRY)  
GEOCHEMICAL LABORATORY,WRD,THARAMANI,CHENNAI 600113

Lab No: C 866

Location: Sholinganallur

Source: RO

Date of collection: 04.12.2025

Date of receipt: 04.12.2025

The water sample said to have been collected from the above source, on the above date by the concerned person, address given below, is analyzed and the results are furnished below.

S.No.	Parameters	Quantity in sample	Unit	Desirable Limits for drinking purpose	Permissible Limits in the absence of alternative source
1	Electrical Conductivity (E.C)	70	µS/cm @ 25°C		
2	pH	6.6		6.5 - 8.5	6.5 - 8.5
3	Calcium (Ca)	6	mg / L	75	200
4	Magnesium (Mg)	4	"	30	100
5	Sodium(Na)	2	"	-	-
6	Potassium (K)	0	"	-	-
7	Bicarbonate (HCO <sub>3</sub> )	18	"	-	-
8	Carbonate (CO <sub>3</sub> )	0	"	-	-
9	Sulphate (SO <sub>4</sub> )	7	"	200	400
10	Chloride (Cl)	14	"	250	1000
11	Nitrate (NO <sub>3</sub> )	0	"	50	50
12	Fluoride(F)	0.01	"	1	1.5
13	Total Dissolved Solids (TDS)	42	"	500	2000
14	Total Hardness as CaCO <sub>3</sub> (TH)	30	"	300	600
15	Total Alkalinity as CaCO <sub>3</sub>	15	"	200	600

Note: The given water sample is suitable for drinking purpose, however the concentration of the individual ions are much lesser than the desirable limit.

To

ADHITHYA PUBLIC SCHOOL  
No.2, D-4 Road, TNHB Phase-III  
Marutham Nagar,  
Sholinganallur, Chennai-119.

Assistant Director (Geochemistry)  
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21/12/25