

GOVERNMENT OF KARNATAKA
DEPARTMENT OF RURAL DEVELOPMENT AND PANCHAYAT RAJ
(PANCHAYAT RAJ ENGINEERING DIVISION - ZILLA PANCHAYAT, TUMKUR)

CHEMICAL ANALYSIS REPORT OF WATER SAMPLE

Name of the Habitation Kenchagauahalli Location Near school
 Name of GP Palavalli
 Taluk Pavagada
 District Tumkur
 Source Sky water
 Laboratory Number 375 Date of receipt of sample 30/9/13

Sl. No.	Constituents	Unit	Indian Standard Drinking Water Specification IS-1500:1991		Sample 01	Sample 02	Sample 03
			Desirable Limit	Permissible Limit			
A	TYPE : CATIONS						
1	Calcium (Ca)	mg/l	75	200	-		
2	Magnesium (Mg)	mg/l	30	100	-		
3	Sodium (Na)	mg/l	----	----	-		
4	Potassium (K)	mg/l	----	----	-		
5	Total Iron (Fe)	mg/l	0.30	1.00	0.1ppm		
B	TYPE : ANIONS						
1	Carbonate (CO ₃)	} Alkalinity	mg/l	----	600 PPM	60ppm	
2	Bicarbonate (HCO ₃)						
3	Chloride (CL)	mg/l	250	1000	50ppm		
4	Flouride (F)	mg/l	0.5	1.5	0.3ppm		
5	Nitrate (NO ₃)	mg/l	45	45	5ppm		
6	Sulphate (SO ₄)	mg/l	200	400	-		
C	Total Dissolved Solids (TDS)	mg/l	500	2000	-		
D	Specific Conductance	Umhos/cm	----	----	-		
E	Total Hardness	mg/l	300	600	80ppm		
F	pH	No	6.5	8.5	6.98		
G	Turbidity	NTU	5	10	0.2NTU		

Collected by Party

Analysed by A

Date of Analysis 30/9/13

Laboratory Note The given water is potable water

Sheelars
CHEMIST
 DISTRICT CHEMICAL LAB
PRE DIVISION, TUMKUR
 P.K. ROAD,
 ZILLA PANCHAYATH
 TUMKUR