

WATER TESTING LABORATORY


Public Health Engineering Department Guna (M.P.)

ANALYSIS REPORT

1. PARTICULARS OF SENDER A. Name & Address <u>Rajendra Singh</u> <u>C/o S.H. Memorial</u> <u>Bhagat Singh Colony</u> <u>Guna</u>	2. PARTICULARS OF SAMPLE : (i) <u>A.P.P. S.H. Memorial</u> <u>T.W. Guna</u> (ii) _____ (iii) _____ (iv) _____ (v) _____	Place of collection & details of sample Date <u>11/7/16</u> Date _____ Date _____ Date _____ Date _____
3. PARTICULARS TO BE FILLED IN THE LABORATORY : (A) Date & time of receipt -- <u>11/7/16</u> (B) TESTED ON <input checked="" type="checkbox"/> CHEMICAL / <input checked="" type="checkbox"/> BACTERIOLOGICAL (C) Laboratory Reference No. _____ (D) NATURE OF STUDY _____		

S. NO.	Characteristics	Units	As per BIS -10500 FOR Drinking Water		Results				
			Acceptable	cause for rejection	I	II	III	IV	V
PHYSICAL									
1	Turbidity	NTU	10	5.0	2.3				
a	Temperature	°C	-	-	21.2				
b	Colour	Platinum Scale	5.0	25	2.0				
c	Taste and odour	-	Unobjectionable	Unobjectionable	4.100g				
CHEMICAL									
2	pH Value	pH Scale	6.5 to 8.5	No relaxation	7.2				
3	TDS	mg/L	500	2000	330				
4	Alkalinity	mg/L	200	600	85				
5	Total Hardness	mg/L	200 as CaCO ₃	600 as CaCO ₃	210				
6	Chlorides	mg/L	250	1000	120				
7	Sulphate	mg/L	200	400	-				
8	Iron	mg/L	0.3	0.3	0.00				
9	Nitrates	mg/L	45	45	12				
10	Fluoride	mg/L	1.0	1.5	0.20				
11	Arsenic	mg/L	0.01	0.05	-				
12	Manganese	mg/L	0.10	0.30	-				
13	Total Coliform	MPN/100ml	0	0	0.00				
14	T.T.C. e-coli	MPN/100ml	0	0	0.00				
15	Residual Cl ₂	mg/L	0.2	1.0	0.02				
16	Conductivity	Micromhos/cm	-	2000	550				
17	-	-	-	-	-				
18	-	-	-	-	-				
19	-	-	-	-	-				

Remark - According to Test The Water of given sample is Fit / Unfit for drinking purpose .


CHEMIST
 P.H.E.D. LAB DE GUNA