

District Water Testing Laboratory

Public Health Engineering Department Anuppur

ANALYSIS REPORT

Type of sample -Tubewell					
PARTICULARS OF SENDER					
PARTICULARS OF SAMPLE -Not collected by PHED					
Sample no.	Place of collection and details of sample				Date
	District	Block	Location	Habitation	
01	Anuppur	-	Bharat jyoti vidyalaya	Wardno-06	20-04-2023
PARTICULARS TO BE FILLED IN THE LABORATORY					
Date of Receipt:- 20-04-2023			Time of Receipt:-13:05pm		
Tested on:- 21-04-2023					

NATURE OF STUDY-CHEMICAL AND BACTERIOLOGICAL

ANALYSIS

As Per BIS-10500:2012 For Drinking water

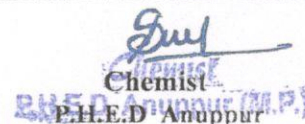
S. No.	Characteristics	Unit	Requirement (Desirable Limit)	Permissible limit in the absence of alternative source	Results	Sample no.			
PHYSICAL TEST					1				
01	Temperature	0c	-----	-----	-				
02	Turbidity	NTU	1.0	5-0	3.0				
03	Colour	Hazen Unit	5	15	1				
04	Odour	-----	Unobjectionable	Objectionable	Unobjectionable				
CHEMICAL TEST									
05	pH	pH scale	6.5 To 8.5	No relaxation	6.8				
06	Total Hardness as CaCO ₃	mg/l	200	600	586				
07	Calcium as CaCO ₃	mg/l	75	200	193.6				
	Magnesium as Mg	mg/l	30	100	25.8				
08	Total Alkalinity as CaCO ₃	mg/l	200	600	238				
09	Chloride as Cl	mg/l	250	1000	352				
10	Nitrates (As NO ₃)	mg/l	45	45	5				
11	Total Dissolved Solids	mg/l	500	2000	910				
12	Iron	mg/l	0.3	1.0	0.3				
13	Sulphate (As SO ₄)	mg/l	200	400	10.2				
14	Fluorides (As F)	mg/l	1.0	1.5	0.0				
15	Manganese as Mn	mg/l	0.1	0.3	0.0				
16	Residual Chlorine as Cl ₂	mg/l	0.2	1.0	0.0				
BACTERIOLOGICAL TEST									
17	MPN of Coliform	Per 100 ml.	Nil						
18	Faecal Coliform	Per 100 ml.			Nil				



Manager
Bharat Jyoti Vidyalaya



Principal
Bharat Jyoti Vidyalaya


Chemist
P.H.E.D Anuppur