

# District Water Testing Laboratory

Public Health Engineering Department Anuppur

## ANALYSIS REPORT

Type of sample - Tubewell

PARTICULARS OF SENDER - Principal K.V Anuppur

PARTICULARS OF SAMPLE - Not collected by PHED

Sample no.	Place of collection and details of sample				Date
	District	Block	Location	Habitation	
01	Anuppur	-	Kendriya Vidyalaya Anuppur	-	24/03/2022

PARTICULARS TO BE FILLED IN THE LABORATORY

Date of Receipt:- 24/03/2022 Time of Receipt:-01:15pm

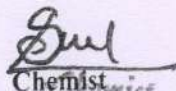
Tested on:- 25/03/2022

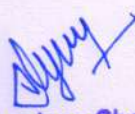
### NATURE OF STUDY-CHEMICAL AND BACTERIOLOGICAL

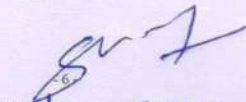
#### ANALYSIS

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.
<b>PHYSICAL TEST</b>					1
01	Temperature	Oc	-----	-----	-
02	Turbidity	NTU	1.0	5-0	0.5
03	Colour	Hazen Unit	5	15	0
04	Odour	-----	Unobjectionable	Objectionable	Unobjectionable
<b>CHEMICAL TEST</b>					
05	pH	pH scale	6.5 To 8.5	No relaxation	6.5
06	Total Hardness as CaCO <sub>3</sub>	mg/l	200	600	42
07	Calcium as CaCO <sub>3</sub>	mg/l	75	200	12.4
	Magnesium as Mg	mg/l	30	100	3.5
08	Total Alkalinity as CaCO <sub>3</sub>	mg/l	200	600	32
09	Chloride as Cl	mg/l	250	1000	20
10	Nitrates (As NO <sub>3</sub> )	mg/l	45	45	0
11	Total Dissolved Solids	mg/l	500	2000	49.7
12	Iron	mg/l	0.3	1.0	0.1
13	Sulphate (As SO <sub>4</sub> )	mg/l	200	400	10
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 <sub>2</sub>	mg/l	0.2	1.0	-
<b>BACTERIOLOGICAL TEST</b>					
17	MPN of Coliform	Per 100 ml.	Nil		
18	Faecal Coliform	Per 100 ml.			NIL

  
Chemist  
P.H.E.D. Anuppur  
B.H.E.D. Anuppur (M.P.)

  
मनोनीत अध्यक्ष/Nominee Chairman  
वि.प्र.स./V.M.C.  
केन्द्रीय विद्यालय अनूपपुर  
Kendriya Vidyalaya Anuppur

  
I/C - CBSE

  
प्राचार्य  
केन्द्रीय विद्यालय अनूपपुर  
चेतनानगर, इंदिरा चौक, अनूपपुर  
पिन-484224