

DISTRICT WATER TESTING LABORATORY

(01)
Date
12.10.2020

District - BASTAR

Particulars of sample :	Block - <u>जगदलपुर</u>	Village -
1. Sample collected by -	Details of Source & Location -	
2. Date of Collection -	(i) <u>जगदलपुर / नल का पानी</u>	
3. Date of Receipt - <u>05.10.2020</u>	(ii) <u>— " — / RO का पानी</u>	
4. Date of Analysis - <u>12.10.2020</u>	(iii)	
केंद्रीय विद्यालय जगदलपुर	(iv)	
	(v)	
	(vi)	
	(vii)	

BUREAU OF INDIAN STANDARDS Specimen for Drinking Water IS : 10500-2012

No.	Characteristics	Unit	Acceptable	Maximum Allowable Limit	RESULT					
					(i)	(ii)	(iii)	(iv)	(v)	(vi)
PHYSICAL										
1	Temperature	°C	-	-	-	-	-	-	-	-
2	Turbidity	N.T.U.	1	5	02	01	—	—	—	—
3	Taste & Odour									
CHEMICAL										
4	pH	pH Scale	6.5 - 8.5	-	7.5	7.0	—	—	—	—
5	Conductivity	Micro Mhos/cm.	-	-	611	252	—	—	—	—
6	Total Alkalinity	Mg/l	200	600	277	92	—	—	—	—
7	Chlorides	Mg/l	250	1000	49	22	—	—	—	—
8	Nitrates	Mg/l	45	45						
9	Total Hardness As CaCO ₃	Mg/l	200	600	268	100	—	—	—	—
10	Calcium (Ca)	Mg/l	75	200	72	21	—	—	—	—
11	Magnesium (Mg)	Mg/l	30	100	21	12	—	—	—	—
12	Iron	Mg/l	0.3	1.0	0.2	NIL	—	—	—	—
13	Fluorides	Mg/l	1.0	1.5	0.1	0.1	—	—	—	—
14	Total Dissolved Solids	Mg/l	500	2000	366	251	—	—	—	—
15	Residual Chlorine	P.P.M.	0.2 Tail end	1.0						

REMARKS :-

[Signature]

ASSISTANT ENGINEER
Public Health Engg. GWR
Sub. Dn. - Jagdalpur (C.G.)

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CHEMIST
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