

DISTRICT WATER TESTING LABORATORY
(National Drinking Water mission)

District- Surguja

Samples

- (i) Date of Collection- 08.10.2020
(ii) Date of Received- 08.10.2020
(iii) Date of Analysis - 08.10.2020


Details of Source & Location-

- (1) Water Sample- Bore well
केन्द्रीय विद्यालय-अम्बिकापुर
जिला-सरगुजा (छ0ग0)

Ref- 320389/KVT/2020-21 Date-08.10.2020

S No	Characteristics	Unit Table	Acceptable	Cause of rejection	Results					
					(i)	(ii)	(iii)	(iv)	(v)	(vi)
PHYSICAL										
1	Temperature									
2	Turbidity	N.T.U	1.0	5.0	0.50					
3	Colour	Pt Cobalt Scale	5.0	25	5.0					
4	Taste&Odour	-	Unobjectionable	objectionable	Nil					
Chemical										
5	pH	pH Scale	6.5 to 8.5	<6.5 or >9.2	8.51					
6	Conductivity	Micro mhos/cm	-	-	125					
7	Total Alkalinity	mg/l	200	600	68.0					
8	Chlorides	mg/l	200	1000	40.0					
9	Nitrates	mg/l	45	45	5.0					
10	Total Hardness (as CaCO ₃)	mg/l	200	600	80.0					
11	Calcium (as ca)	mg/l	75	200	18.41					
12	Magnesium (as Mg)	mg/l	30	150	8.26					
13	Iron	mg/l	0.3	1.0	N.D.					
14	Fluorides	mg/l	1.0	1.5	0.23					
15	Sulphates (as S ₀₄)	mg/l	200	400	16.0					
16	Total dissolved Solids	mg/l	500	2000	80.0					
17	Residual Chlorine	mg/l	-	-	Nil					
18	Coagulant Dose(Jar tests)	mg/l	-	-						
19	Dissolve Oxygen	-	-	-						
20	B.O.D.	-	-	-						
21	C.O.D.	-	-	-						
BACTERIOLOGICAL										
22	Coli form organisms At 37° C	M.P.N/ 100ml	24 Hrs		Absent					
			48 Hrs		Absent					
23	Faecal Coli form Special test	Per 100 ml								

REMARK - Get results are in acceptable limit.


CHEMIST
 In charge/Chemist
 Water Testing Laboratory
 P.H.E. Sub Division
 Ambikapur