

DISTRICT WATER TESTING LABORATORY (National Drinking Water Mission)

District- Surguja

Samples

- (i) Date of Collection- 15.06.2022
(ii) Date of Received- 15.06.2022
(iii) Date of Analysis - 15.06.2022

Details of Source & Location-

(1) Water sample- Bore well

Shri Sai Baba School

Sargawan, Ambikapur

Distt-Surguja (C.G.)

Note- Water sample sent by School.

S No	Characteristics	Unit Table	Acceptable	Cause of rejection	Results				
					(i)	(ii)	(iii)	(iv)	(v)
PHYSICAL ✓									
1	Temperature								
2	Turbidity	N.T.U	1.0	5.0	0.56				
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	7.52				
6	Conductivity	Micro mhos/cm	-	-	1084				
7	Total Alkalinity	mg/l	200	600	280				
8	Chlorides	mg/l	200	1000	140				
9	Nitrates	mg/l	45	45	N.D.				
10	Total Hardness (as CaCO ₃)	mg/l	200	600	114				
11	Calcium (as ca)	mg/l	75	200	20.0				
12	Magnesium (as Mg)	mg/l	30	150	15.55				
13	Iron	mg/l	0.1	1.0	N.D.				
14	Fluorides	mg/l	1.0	1.5	0.13				
15	Sulphates (as SO ₄)	mg/l	200	400	60.0				
16	Total dissolved Solids	mg/l	500	2000	694				
17	Residual Chlorine	mg/l	0.2	1.0	N.D.				
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 acceptable limit.*

* N.D.- Not Detected.

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