

DISTRICT WATER TESTING LABORATORY
(National Drinking Water Mission)

District- Surguja

Samples

- (i) Date of Collection- 14.09.2022
- (ii) Date of Received- 14.09.2022
- (iii) Date of Analysis - 14.09.2022

✓ **Details of Source & Location**
D.A.V.MUKHYAMANTRI PUBLIC SCHOOL
NARMADAPUR, MAINPAT, BLOCK - MAINPAT, DISTT.- SURGUJA(C.G.)
Water sample – Bore well/Filter water

Ref. No./DAVMPS/17042/2022-23/23

Date : 14/09/2022

Note- Water sample brought by D.A.V.School Staff.

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	0.40				
3	Colour	Pt Cobalt Scale	5.0	25	5.00				
4	Taste&Odour	-	Unobjectionable	objectionable	Nil				
Chemical ✓									
5	pH	pH Scale	6.5 to 8.5	<6.5 or >9.2	7.20				
6	Conductivity	Micro mhos/cm	-	-	484				
7	Total Alkalinity	mg/l	200	600	76.45				
8	Chlorides	mg/l	200	1000	84.80				
9	Nitrates	mg/l	45	45	10.00				
10	Total Hardness (as CaCO3)	mg/l	200	600	132.62				
11	Calcium (as ca)	mg/l	75	200	31.46				
12	Magnesium (as Mg)	mg/l	30	150	12.92				
13	Iron	mg/l	0.1	1.0	N.D.				
14	Fluorides	mg/l	1.0	1.5	0.35				
15	Sulphates (as S04)	mg/l	200	400	41.00				
16	Total dissolved Solids	mg/l	500	2000	310				
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— (H2S Vials kits analysis)									
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 - To remove Nitrate by Chlorination .

* N.D.- Not Dedecte


 Quality Manager
 District Water Testing Laboratory
 PHED, Ambikapur, Surguja (C.G.)