

Sub Division Laboratory
Public Health Engineering Department Sub Division Barwaha
ANALYSIS REPORT

Type of sample :- Dugwell & Filter Water										
PARTICULARS OF SENDER :- Principal, Vimala Convent Higher Secondary (CBSE) School Peeranpeer Road, Sanawad District Khargone (M.P.)										
Samples Collected by :- Not Collected by Laboratory.										
Sample No. Place of collection and details of samples										
1	Sanawad - School Campus Dugwell Water	4	-							
2	Sanawad - School Campus Filter Water	5	-							
3	-	6	-							
PARTICULARS TO BE FILLED IN THE LABORATORY										
Date of Receipt :- 22/01/2026						Date of Analysis Started :-22/01/2026				
NATURE OF STUDY - CHEMICAL & BACTERIOLOGICAL ANALYSIS										
	Characteristics	Unit	As Per BIS - 10500:2012 For Drinking Water		Results					
			Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6
PHYSICAL TESTS										
1	Colour	Hazen	5	15	0.0	0.0	-	-	-	-
2	Odour	-	Agreeable	Agreeable	-	-	-	-	-	-
3	Taste	-	Agreeable	Agreeable	-	-	-	-	-	-
4	Turbidity	NTU	1.0	5.0	1.5	1.0	-	-	-	-
CHEMICAL TESTS										
5	pH	pH scale	6.5 to 8.5	No Relaxation	7.69	7.83	-	-	-	-
6	Conductivity	Micromhos per cm2	-	-	362	252	-	-	-	-
7	Total Hardness as CaCO ₃	mg/l	200	600	160	100	-	-	-	-
8	Total Alkalinity as CaCO ₃	mg/l	200	600	160	120	-	-	-	-
9	Total Dissolved Solids	mg/l	500	2000	173	124	-	-	-	-
10	Manganese as Mn	mg/l	0.1	0.3	0.0	0.0	-	-	-	-
11	Calcium as Ca	mg/l	75	200	-	-	-	-	-	-
12	Magnesium as Mg	mg/l	30	100	-	-	-	-	-	-
13	Chloride as Cl	mg/l	250	1000	30	20	-	-	-	-
14	Nitrate as NO ₃	mg/l	45	45	3.2	0.0	-	-	-	-
15	Arsenic as As	mg/l	0.01	0.01	-	-	-	-	-	-
16	Iron as Fe	mg/l	1.0	1.0	0.0	0.0	-	-	-	-
17	Sulphate as SO ₄	mg/l	200	400	32	22.4	-	-	-	-
18	Fluoride as F	mg/l	1.0	1.5	0.1	0.0	-	-	-	-
19	Free Residual Chlorine	mg/l	0.2	1.0	0.0	0.0	-	-	-	-
BACTERIOLOGICAL TESTS										
20	Total Coliform	Per 100 ml	Nil		Nil	Nil	-	-	-	-
21	Thermotolerant Coliform	Per 100 ml	Nil		Nil	Nil	-	-	-	-

Signature of Analyst

Remarks -

Lab. Incharge
 (Authorized Signatory)
 Sub Division Laboratory
 Public Health Engineering Department
 Sub Division Barwaha
 Date of Analysis Completed- 23/01/2026