

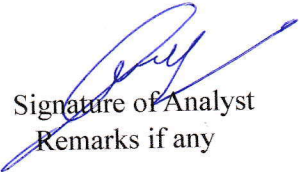
PHED/25

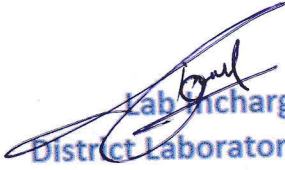
**District Laboratory Division Rewa
Public Health Engineer Department Rewa
ANALYSIS REPORT**

Type of Sample								
PARTICULARS OF SENDER <p align="center">Managers, Doon public school</p>								
PARTICULARS OF SAMPLE <p align="center">Doon public school</p>					Collected/Not Collected by PHED			
Sample No	Place of Collection and details of Sample				Date			
(1)	Doon public school Rewa (M.P)							
PARTICULARS TO BE FILLED THE LABORATORY								
Date of Receipt				Time of Receipt				
20/02/2024				3:35pm				
Lab reference No				Tested on				
				21/02/2024				
NATURE OF STUDY- CHEMICAL & BACTERIOGICAL ANALYSIS								
S. NO	Characteristics	Unit	As per BIS-10500,2021 for Drinking Water		Result			
			S.N		Sample 1	Sample 2	Sample 3	Sample 4
			Requirement (Desirable Limit)	Permissible limit in the absence of Altimate Source	(1)			
PHISYCAL TESTS								
1	Temperature	Oc	92°C			
2	Turbidity	NIU	1		1.0			
3	Colour	Hazen Units	5		5			
4	Odour	Unobjectionable	Objectionable				
CHEMICAL TESTS								
5	pH	mg/l	6.5 to 8.5	No Relaxation				
6	Total Hardness as CaCO3	mg/l	200	600	56			
7	Calcium as Ca	mg/l	75	200	31.06			
8	Magnesium as Mg	mg/l	30	100	4.87			
9	Alkalinity as Ca	mg/l	200	600	47.5			
10	Chloride as Cl	mg/l	250	1000	9.45			
11	Nitrate as NO3	mg/l	45	45	--			
12	Total Dissolve S	mg/l	500	2000	125			
13	Iron	mg/l	1.0	1	0.00			
14	Sulphate as SO4	mg/l	200	400	8			
15	Fluoride as F	mg/l	1	1.5	0.00			
16	Manganese as Mn	mg/l	1.0	0.3	0.00			
17	Arsenic	mg/l		0.01	--			

BACTERIOLOGICAL TEST							
18	Residual Chloride as Cl ₂	mg/l	0.2	1.0	-		
19	MPN of Coliform	Per 100 ml	Nil	Nil	-		
20	Feceal Coliform	Per 100 ml					

Note- The figures indicated under the coloumn "Requirements (Desirable Limit)" the limit unto which water is generically acceptable to the consumers, Figures in excess of those mentioned under "Requirements (Desirable Limit)" the water not acceptable , but still may be tolerated in the absence of an alternative better source by up to the limits indicated under coloumn "Permissible limit in the absence of Altimato source" above which the course will have to rejected (Guideline values for Drinking Water as Per BIS 10500)


Signature of Analyst
Remarks if any


Lab Incharge
District Laboratory PHED
Rewa (M.P)