

**DISTRICT WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT PANNA
DISTT. PANNA (M.P.)
ANALYSIS REPORT**

Type of Sample : Water Sample
Particulars of sender : Shri Fateh Singh, Kerwan, Village Kunjwan, Panna (MP)
Sample No. and Date : As below

Sample No. & Date		Place of collection & Details of sample					
01/14-10-2020		Kerwan, Village Kunjwan, Panna (Chopra).					
Particulars to be filled in the Laboratory							
Date of Receipt : 13-10-2020				Tested on- 14-10-2020			
NATURE OF STUDY – CHEMICAL ANALYSIS							
	Characteristics	Unit	As per BIS-10500:2012 For Drinking water		Result		
			Requirement (Desirable Limit)	Permissible Limit in the absence of alternate source	Sample No.1	Sample No.2	Sample No.3
PHYSICAL TESTS							
1	Temperature	°C					
2	Turbidity	NTU	1	5	1.7		
3	Colour	Hazen Unit	5	15			
4	Odour		unobjectionable	objectionable			
CHEMICAL TESTS							
5	pH	pH scale	6.5 To 8.5	No Relaxation	6.5		
6	Total Hardness as CaCo ₃	mg/l	200	600	60		
7	Total Alkalinity as CaCo ₃	mg/l	200	600	70		
8	Chloride as Cl	mg/l	250	1000	50		
9	Nitrate as NO ₃	mg/l	45	45	6		
10	Total Dissolved Solids	mg/l	500	2000	52		
11	Iron	mg/l	0.3	1.0	0.0		
12	Sulphate as SO ₄	mg/l	200	400	5.0		
13	Fluoride as F	mg/l	1.0	1.5	0.4		
14	Manganese as Mn	mg/l	0.1	0.3	NIL		
15	Residual Chlorine as Cl ₂	mg/l	0.2	1.0	NIL		
BACTERIOLOGICAL TESTS							
16	M.PN of coliform	Per 100 ml	NIL	NIL	NIL		
17	Feacal Coliform	Per 100 ml	NIL	NIL	NIL		

Note :- Water is potable.


CHEMIST
WATER TESTING LABORATORY
PHED PANNA