

DIVISION LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
DIVISION GWALIOR (M.P.)

1. Type of sample :

2. Particular of sender : *Principal St. Paul's school*

3. Particular of sample : collected / not collected by PHED

4. Place of collection : *St. Paul's school Ward-25 Morar*

5. Date of Collection: *19/10/2020*

6. Date of Analysis: *20/10/2020*

S.N.	Characteristics	Unit	As Per BIS-10500-2012 For Drinking Water		RESULT		
			Acceptable Value	Permissible limit in the absence of alternate source	Sample-1	Sample-2	Sample-3
PHYSICAL TESTE							
1	Turbidity	NTU	1.0	5.0	<i>1.2</i>		
2	Colour	Cobalt	5	15	<i>1</i>		
3	Taste & Odour		Unobjectionable	Objectionable	<i>nil</i>		
4	Temperature	C°	-	-	<i>19°C</i>		
CHEMICAL TESTE							
5	PH Value	PH Scale	6.5 To 8.5	No Relaxation	<i>6.8</i>		
6	Alkalinity	Mg/L	200	600	<i>32</i>		
7	Chlorides (as Cl)	Mg/L	250	1000	<i>14</i>		
8	Nitrate as No3	Mg/L	45	45	<i>1.2</i>		
9	Total hardness by standard E.D.T.A. Solution	Mg/L	200	600	<i>30</i>		
10	Calcium as Ca	Mg/L	75	200	<i>5.6</i>		
11	Magnesium as mg	Mg/L	30	100	<i>3.8</i>		
12	Iron	Mg/L	0.3	1.0	<i>0.10</i>		
13	Free Chlorine	Mg/L	0.2	1.0	<i>nil</i>		
14	T.D.S.	Mg/L	500	2000	<i>78</i>		
15	Fluoride	Mg/L	1.0	1.5	<i>0.12</i>		
16	Sulphate sa SO4	Mg/L	200	400	<i>2.2</i>		
BECT. FEACAL TESTE							
17	MPN of coliform	per 100 ml	<i>nil</i>	<i>nil</i>	<i>nil</i>		
18	Faecal Coliform	Per 100 ml	<i>-</i>	<i>-</i>	<i>nil</i>		

[Signature]
Chemist *21/10/20*
 Water Testing Lab
 P.H.E.D. Division - Gwalior

[Signature]
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