

**District Water Testing Laboratory**  
 Public Health Engineering Department,  
 PHE. Barpali Chowk in Front Gurudwara, Janjgir-Champa (C.G.)  
 Contact as email – [eejan-phe-cg@nic.in](mailto:eejan-phe-cg@nic.in)

Test Report			
<b>Kind of sample- Drinking water sample</b>		<b>Report no. 191</b>	
Senders name & address – Principal Dream Land Public Schoo, Pamgarh Block – Pamgarh, Distt- Janjgir-Champa (C.G.) Mo. 9439594679	Senders letter no./Date	Nil/12.06.2024	Sampled by.. Deepak Kumar Pradhan
	Sample collection date	12.06.2024	Source – Power Pump
	DWTL receipt no.	191	DWTL Receipt date 12.06.2024
	Date of analysis started	12.06.2024	Date of analysis completed 14.06.2024

Sample Details:-				
Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	DWTL/PHED/JC/1382	Janjgir-Champa Pamgarh	Pamgarh	Dream Land Public School, Pamgarh
2				
3				
4				
5				

Sr.n o.	Parameters	Test method		Unit	As per IS-10500-2012 drinking water		Result of S.no.					
		Method	Part no.		Desirable Limit	Permissible Limit						
							1	2	3	4	5	
1	2	3	4	5	6	7	-	-	-	-	-	
1	Turbidity	IS:3025	Part-10	NTU	1	5	1.85					
2	Colour	APHA:23rd ed	Part - 2120B	Hazen	5	15	02					
3	Odour	IS:3025	Part - 05	Unobjen able	Agr.	Agr.	Agr.					
4	Taste	IS:3025	Part - 8	Unobjen able	Agr.	Agr.	Agr.					
5	pH	IS:3025	Part - 11	pH scale	6.5 -8.5	6.5 - 8.5	7.18					
6	Total Alkalinity as $\text{CaCO}_3$	APHA:23rd ed	Part – 2320 B	mg/l.	200	600	154.12					
7	TDS	APHA:23rd ed	Part - 2540 - C	mg/l.	500	2000	398					
8	Chloride as $\text{Cl}^-$	APHA:23rd ed	Part – 4500 - C	mg/l.	250	1000	57.9					
9	Total Hardness as $\text{CaCO}_3$	APHA:23rd ed	Part – 2340 - C	mg/l.	200	600	187.48					
10	Calcium as $\text{Ca}^{++}$	APHA:23rd ed	Part – 3500-Ca	mg/l.	75	200	56.56					
11	Magnesium as $\text{Mg}^{++}$	APHA:23rd ed	3500 - Mg - B	mg/l.	30	100	11.26					
12	Nitrates as $\text{NO}_3^-$	APHA 23rd ed	4500- $\text{NO}_3^-$ B	mg/l.	45	No relaxation	-					
13	Iron as $\text{Fe}^{++}$	APHA 23rd ed	3500 -Fe -B	mg/l.	1.0	No relaxation	-					
14	Sulphate as $\text{SO}_4^{2-}$	APHA 23rd ed	Part- 24	mg/l.	200	400	-					
15	Fluoride as $\text{F}^-$	APHA 23rd ed	4500-F- C	mg/l.	1.0	1.5	0.0					
16	Residual Chlorine	-	-	mg/l.	0.2	1.0	0.0					
17	Spe.Conductivity	APHA:23rd ed	Part- 14	$\mu\text{mho}/\text{cm}$	-	-	684					

- 1 The report should not be produced partly or full without approval signatory authority of legal purpose.
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
- 3 The results refer only to tested samples and parameters.
4. This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.
5. Samples will be stored for a period of 10 days from date of issue of report

Issue No.191 Page No.01, Date 17.06.2024

  
Chemist  
District Water Testing Laboratory  
PHED, Janjgir-Champa (C.G.)

मईनका माई शिक्षण समिति  
पामगढ़, जांजगीर-चापा(छ.ग.)

उच्चाया  
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**Bacteriological -Test Report**

Kind of sample- Drinking water sample		Report no. 191		Sampled by.. Deepak Kumar Pradhan	
Senders name & address – Principal Dream Land Public Schoo, Pamgarh Block – Pamgarh, Distt.- Janjgir-Champa (C.G.) Mo. 9439594679	Senders letter no./Date	Nill/12.06.2024	Source –	Power Pump	
	Sample collection date	12.06.2024	DWTL Receipt date	12.06.2024	
	DWTL receipt no.	191	Date of analysis	14.06.2024	
	Date of analysis started	12.06.2024	completed		

**Sample Details:-**

Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	DWTL/PHED/JC/1382	Janjgir-Champa Pamgarh	Pamgarh	Dream Land Public School, Pamgarh
2				
3				
4				
5				

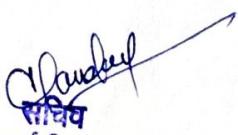
**Details of parameters their test method units and specification as per IS/APHA :-**

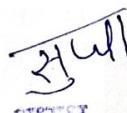
s.n.	Parameters	Test method IS:3025/APHA 23rd ed.		As per IS-10500- 2012 drinking water	Result of S.no.					
		Method	Unit		Desirable Limit	Permis sible Limit	1	2	3	4
1	2	3	5	6	7	-	-	-	-	-
1	Total Coliform	APHA/IS	Cfu/100ml	nil	nil	0.0				

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Chemist  
District Water Testing Laboratory  
PHED, Janjgir-Champa (C.G.)

Issue No.191 Page No.02, Date 17.06.2024

  
संचय  
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प्रामगढ़, जांजगीर-चांपा(छ.ग.)

  
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