

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

Test Report

Test Report				
Kind of sample- Drinking water sample Senders name & address – Principal Dream Land Public Schoo, Pamgarh Block – Pamgarh, Distt.- Janjgir-Champa (C.G.) Mo. 9439594679	Report no. 191		Sampled by.. Deepak Kumar Pradhan	
	Senders letter no./Date	Nil/12.06.2025	Source –	Power Pump
	Sample collection date	12.06.2025	DWTL Reciept date	12.06.2025
	DWTL receipt no.	191	Date of analysis completed	14.06.2025
	Date of analysis started	12.06.2025		

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/APIHA :-

5		Details of parameters their test method units and specification as per IS/APIHA :-					Result of S.no.				
Sr.n o.	Parameters	Test method IS:3025/APIHA 23rd ed.		Unit	As per IS-10: 00-2012 drinking water						
		Method	Part no.		Desirable Limit	Permissible Limit	1	2	3	4	5
1	2	3	4		6	7					
1	Turbidity	IS:3025	Part-10	NTU	1	5	1.85				
2	Colour	APIHA: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 CaCO ₃	APIHA:23rd ed	Part – 2320 B	mg/l.	200	600	154.12				
7	TDS	APIHA:23rd ed	Part - 2540 - C	mg/l.	500	2000	398				
8	Chloride as Cl ⁻	APIHA:23rd ed	Part – 4500 - C	mg/l.	250	1000	57.9				
9	Total Hardness as CaCO ₃	APIHA:23rd ed	Part – 2340 - C	mg/l.	200	600	187.48				
10	Calcium as Ca ⁺⁺	APIHA:23rd ed	Part – 3500-Ca	mg/l.	75	200	56.56				
11	Magnesium as Mg ⁺⁺	APIHA:23rd ed	3500 - Mg - B	mg/l.	30	100	11.26				
12	Nitrates as NO ₃ ⁻	APIHA 23rd ed	4500-NO ₃ ⁻ B	mg/l.	45	No relaxation	-				
13	Iron as Fe ⁺⁺	APIHA 23rd ed	3500 -Fe -B	mg/l.	1.0	No relaxation	-				
14	Sulphate as SO ₄ ²⁻	APIHA 23rd ed	Part- 24	mg/l.	200	400	-				
15	Fluoride as F ⁻	APIHA 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	APIHA:23rd ed	Part- 14	µmho/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 17.06.2025

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

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

मईनका माई शिक्षण समिति