

District Water Testing Laboratory
Public Health Engineering Department, Sub Division - Antagarh
Office of The Executive Engineer Campus, Near Police Station Road, Post Office, Antagarh (C.G.) 494665
(e-mail - phedlabantagarh@gmail.com)

Test Report (Drinking Water)				
Report no. DL/PHE/ANTA -	Discipline - Chemical Testing	Group - Drinking Water		
Sender's name & address - A.E. PHE Sub - Division, Antagarh	Sender's letter no./Date	27/01/2023	Sampled by	Monesh Kumar Mahavir
	Sample collection date	01/04/2023	Sampling Plan & procedure	
	DL receipt no.	270	DL Receipt date	01/06/2023
	Date of analysis started	01/04/2023	Date of analysis completed	01/06/2023

Sample Details				
S. N.	Sample ID.	District/Block	S.P. / Village	Habitation
1	27/206/01/04/2023	BANKER/ANTAGARH	Kulgaon/ Kulgaon	Kulgaon
2				
3				
4				
5				
6				
Location/Source ID/GPS Identification				
D.A.V. School Antagarh				

Details of parameters their test method units and specification as per IS/APHA												
S. N.	Parameters	Test method IS:3025/APHA 23rd ed.		Unit	As per IS-10500-2012 drinking water		Result Of S.No.					
		method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5	6
1	2	3	4	5	6	7						
1	Colour	APHA 23rd ed.	2120-B	Hazen	5	15	4					
2	Odour	IS:3025	Part-5	-	Agreeable	Agreeable	Agreeable					
3	Taste	IS:3025	Part-8	-	Agreeable	Agreeable	Agreeable					
4	Fluoride as F ⁻	APHA 23rd ed.	4500-F.C	mg/l.	1.0	1.5	0.802					
5	Chloride as Cl ⁻	IS:3025	Part-32	mg/l.	250	1000	54.61					
6	TDS	APHA 23rd ed.	2540-C	mg/l.	500	2000	120.34					
7	Alkalinity as CaCO ₃	IS:3025	Part-23	mg/l.	200	500	99.34					
8	Calcium as Ca ²⁺	IS:3025	Part-49	mg/l.	75	200	9.58					
9	Magnesium as Mg ²⁺	APHA 23rd ed.	3600 Mg-G	mg/l.	30	100	1.47					
10	pH	IS:3025	Part-11	pH scale	6.5-8.5	No relaxation	7.06					
11	Turbidity	IS:3025	Part-10	NTU	1	5	1.20					
12	Total Hardness as CaCO ₃	IS:3025	Part-21	mg/l.	200	500	27.88					

- The report should not be produced partly or full without approval/signatory authority of legal purpose.
- 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.
- The results refer only to tested samples and parameters.
- Samples will be stored for a period of 10 days from date of issue of report.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Results apply to the sample as received.
- Sampling not done by Lab staff.

Issue no. 27/Date-01/06/2023

HEAD MISTRESS
DAV Rowghat Ispat Sr.Sec.Public
School Antagarh Dist.kanker(C.G.)

Chemist
Sub Division Water Testing Laboratory
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Distt. - U.B.Kanker