



# District Water Testing Laboratory

Public Health Engineering Department,  
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Discipline- Chemical Testing	Group- Drinking water	Report no. – 17	Test Report	
Senders name & address:- A.E. PHE SUB DIVISION GOURELLA	Senders letter no./Date	200/15.06.21	Sampled by	PHE STAFF
	DL receipt no.	17	DL Receipt date	16.06.2021
	Date of analysis started	16.06.2021	Date of analysis completed	18.06.2021
	ULR NO. :- TC950621000000017F			


**Sample Details:-**

Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	06/21/17/52	G.P.M/ MARWAHI	DONGARIYA	EKLAVYA A.A.V BOYS HOSTEL
2	06/21/17/53	G.P.M/ MARWAHI	DONGARIYA	EKLAVYA A.A.V GIRLS HOSTEL

**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				
		Method	Part no.		Desirable Limit	Permissible Limit	1	2	3
		3	4						
1	2	3	4	5	6	7			
1	Turbidity	IS:3025	Part-10	NTU	1	5	1.14	1.62	
2	Color	APHA23rd ed	Part-2120B	CU	5	15	2	2	
3	Odour	IS:3025	Part-05		A	A	Agreeable	Agreeable	
4	Taste	IS:3025	Part-7/8		A	A	Agreeable	Agreeable	
5	PH @ 25°C	IS:3025	Part-11	PH scale	6.5-8.5	6.5-8.5	6.65	6.99	
6	Total Alkalinity as CaCO <sub>3</sub>	APHA23rd ed	Part-2320 B	mg/l.	200	600	67.32	198.0	
7	TDS	APHA23rd ed	Part-3540-C	mg/l.	500	2000	100.0	234.0	
8	Chloride as Cl <sup>-</sup>	APHA23rd ed	Part- 4500-Cl-B	mg/l.	250	1000	25.48	21.56	
9	Total Hardness as CaCO <sub>3</sub>	APHA23rd ed	Part-2340-C	mg/l.	200	600	67.32	198.0	
10	Calcium as Ca <sup>++</sup>	APHA23rd ed	Part-3500-Ca-B	mg/l.	75	200	17.42	45.94	
11	Magnesium as Mg <sup>++</sup>	APHA23rd ed.	3500-Mg-B	mg/l.	30	100	5.7	19.95	

- 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

  
 Ashish Dongre  
 Authorised Signatory (NABL)