



DISTRICT WATER QUALITY TESTING LABORATORY
GROUNDWATER SURVEYS & DEVELOPMENT AGENCY, GONDIA
DISTRICT GONDIA REGION NAGPUR

DWTL/PRO/02

Sample Test Report

Outward No :	310		Date:	21/4/25	
Issued To :	Principal, Little Flowers School & Junior College Gondia.				
01	Sample Inward No:	DWTL/SG/GON/15/03/2025			
02	Inward Date :	28.03.2025	14	Analysis Start Date:	28.03.2025
03	Reference Letter No. :	359/2025	15	Environmental Condition	
04	Reference Letter Date :	27.03.2025	A	Temp. (°C) :	25 °C
05	Sample :	Water	B	Humidity (%) :	54 %
06	Sample Category :	Water	16	Analysis End Date :	08.04.2025
07	Quantity Received :	01 Litre	10	Sample Source:	See Below
08	Sampling Date :	28.03.2025	11	Sample Collected by :	Client
09	Sampling Time :	03.30 pm	12	Sampling Location :	See Below
			13	Sample Details :	See Below

	Analysed For	Yes /No	Remarks : - The results relate only to the samples tested. - The report shall not be reproduced except in full, without the written approval of the laboratory. - The Sample is collected by the client himself. As such the laboratory has no involvement in sample collection.
01	pH	Yes	
02	Electrical Conductivity	Yes	
03	TDS	Yes	
04	Total Hardness	Yes	
05	Nitrate	Yes	
06	Fluoride	Yes	
07	Iron	Yes	

TEST RESULTS FOR ACCREDITED PARAMETERS					
Sr. No.	Test Parameter	Measurement Unit	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result
			Desirable Limit	Permissible Limit	
1	pH	-	6.5 To 8.5	No Relaxation	7.20
2	Electrical Conductivity	uS/cm	-	-	110
3	TDS	mg/L	500	2000	74
4	Total Hardness	mg/L	200	600	40
5	Nitrate	mg/L	45	No Relaxation	0.68
6	Fluoride	mg/L	1.0	1.5	0.24
7	Iron	mg/L	1.0	No Relaxation	0.29

Sample Details

Sr No.	SAMPLE CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT
1	S1	DWTL/SG/GON/15/03/2025	Gondia	Gondia	Gondia

TEST METHOD EMPLOYED

Sr. No.	Test Parameter	Test Method
01	pH	APHA 23 rd EDN, METHOD 4500
02	Electrical Conductivity	APHA 23 rd EDN, METHOD 2510B
03	TDS	APHA 23 rd EDN, METHOD 2540C
04	Total Hardness	APHA 23 rd EDN, METHOD 2340C
05	Nitrate	APHA 23 rd EDN, METHOD 4500 NO ₃ -B
06	Fluoride	APHA 23 rd EDN, METHOD 4500F-B
07	Iron	APHA 23 rd EDN, METHOD 3500 Fe-B

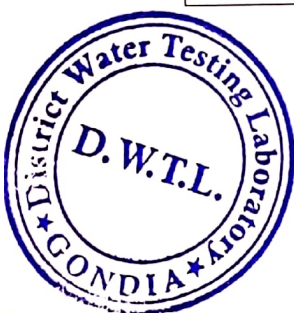
Reviewed By

(TM/Chemist)

Authorised By

(QM/Junior Geologist)

*****End of Report*****





DISTRICT WATER QUALITY TESTING LABORATORY
GROUNDWATER SURVEYS & DEVELOPMENT AGENCY, GONDIA
DISTRICT GONDIA REGION NAGPUR

DWTL/PRO/02 Sample Test Report

FOR NON ACCREDITED PARAMETERS

Issued To :	Principal, Little Flowers School & Junior College Gondia.				
01	Sample Inward No:	DWTL/SG/GON/15/03/2025			
02	Inward Date :	28.03.2025	14	Analysis Start Date:	28.03.2025
03	Reference Letter No. :	359/2025	15	Environmental Condition	
04	Reference Letter Date :	27.03.2025	A	Temp. (°C) :	25 °C
05	Sample :	Water	B	Humidity (%) :	54 %
06	Sample Category :	Water	16	Analysis End Date :	08.04.2025
07	Quantity Received :	01 Litre	10	Sample Source:	See Below
08	Sampling Date :	28.03.2025	11	Sample Collected by :	Client
09	Sampling Time :	03.30 pm	12	Sampling Location :	See Below
			13	Sample Details :	See Below
	Analysed For	Yes /No		Analysed For	Yes /No
01	Calcium	No	08	Turbidity	Yes
02	Chloride	Yes	09	Bicarbonate	No
03	Colour	Yes	10	Carbonate	No
04	Magnesium	No	11	Sulphate	Yes
04	Odour	Yes	12	Total Coliforms	Yes
04	Taste	Yes	13	E. Coliforms	Yes
07	Total Alkalinity	Yes			

Remarks :

- The results relate only to the samples tested.
- The report shall not be reproduced except in full, without the written approval of the laboratory.
- Parameters in this report are not covered in NABL scope.
- The Sample is collected by the client himself. As such the laboratory has no involvement in sample collection.

TEST RESULTS FOR NON ACCREDITED PARAMETERS

Sr. No.	Test Parameter	Measurement Unit	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result
			Desirable Limit	Permissible Limit	
1	Calcium	mg/L	75	200	-
2	Chloride	mg/L	250	1000	30
3	Colour	Hazen Unit	5	15	0.51
4	Magnesium	mg/L	30	100	-
5	Odour	-	-	-	Agreeable
6	Taste	-	-	-	Agreeable
7	Total Alkalinity	mg/L	200	600	20
8	Turbidity	NTU	1	5	0.22
9	Bicarbonate	mg/L	-	-	-
10	Carbonate	mg/L	-	-	-
11	Sulphate	mg/L	200	400	0.57
12	Total Coliforms	MPN	0	0	0
13	E. Coliforms	MPN	0	0	0

Reviewed By

(TM/Chemist)

Authorised By

(QM/Junior Geologist)



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DISTRICT GONDIA REGION NAGPUR

DWTL/PRO/02	Sample Test Report
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Sample Details

Sr. No.	SAMPLE CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT	SOURCE	SOURCE LOCATION
1	S1	DWTL/SG/ GON/15/03/ 2025	Gondia	Gondia	Gondia	Borewell RO Water	Little Flower English School, Gondia.

Sr. No.	Test Parameter	Test Method
01	Calcium	APHA 23RD EDN, METHOD 3500Ca-B
02	Chloride	APHA 23RD EDN, METHOD 4500Cl-B
03	Colour	APHA 23 rd EDN, METHOD 2120C
04	Magnesium	APHA 23RD EDN, METHOD 4500
05	Odour	IS 3025 (PART 5)
06	Taste	IS 3025 (PART 7)
07	Total Alkalinity	APHA 23RD EDN, METHOD 2320B
08	Turbidity	APHA 23RD EDN, METHOD 2130B
09	Bicarbonate	APHA METHOD
10	Carbonate	APHA METHOD
11	Sulphate	APHA 23RD EDN, METHOD 4500 SO ₄ -B
12	Total Coliforms	Multiple Tube Dilution technique
13	E. Coliforms	Multiple Tube Dilution technique

*****End of Report*****