



Office of the Senior Geologist
Ground water Survey and Development Agency, Gondia
Vasant Nagar, Balaghat Road, Gondia

E-mail ID: - sggondia@gmail.com

Phone No: - 07182-251222

Outward.No:-sg/gsda/gondia/tech./lab.analysis report/ 1213/2019

Date: -29/11/2019

Report on Chemical & Bacteriological Analysis of Water for Drinking Purposes

Inward No.:- 59 & Date :-14/11/2019		Office Name: - Eklavya Residential School, Borgaon/Ba., Taluka-Deori, District-Gondia.	
Date of Application-15/11/2019	Testing Fees - 2250/-	Challan No.- 07	Date of Challan-15/11/2019
Village- Borgaon/Ba.	Taluka- Deori		District- Gondia
Source- Store Openwell	Location of Sample- Eklavya Residential School, Borgaon/Ba., Taluka-Deori, District-Gondia.		

Chemical Analysis Report

(All the analytical results are in ppm except Ph & Turbidity)

Date of Sample Collection		Date of Sample Received	Date of Sample Analysis	Date of Analysis Reporting	
15/11/2019		15/11/2019	16/11/2019	16/11/2019	
SN.	Name of Parameter Tested	Unit of Measurement	Tested Sample Found Values	BIS Specifications 10500 : 2012 Normal Values	
				Desirable Limits	Permissible Limits
1	pH	-	7.8	6.5 to 8.5	No Relaxation
2	Turbidity	NTU	0.30	1.0	5.0
3	Total Dissolved Solids (TDS)	ppm	112	500	2000
4	Nitrate(NO ₃)	ppm	0.98	45	No Relaxation
5	Fluoride (F)	ppm	0.44	1.0	1.5
6	Iron (Fe)	ppm	0.13	1.0	No Relaxation
7	Sulphate(SO ₄)	ppm	0.28	200	400
8	Chloride (Cl)	ppm	30	250	1000
9	Alkalinity	ppm	20	200	600
10	Total Hardness	ppm	60	200	600

Bacteriological Analysis Report

Date of Sample Collection		Date of Sample Received	Time of Sample Received	Date of Sample Analysis	
15/11/2019		15/11/2019	11.30 am	15/11/2019	
SN.	Name of Parameter Tested	Found Values		BIS Specifications 10500:2012 Normal Values	
		No. of Microbes/100 ml		Desirable Limits	Permissible Limits
1	Coli form (MPN/100 ml)	0		0	0
2	E.Coli(MPN/100 ml)	0		0	0

Above Water Sample is tested by-

1. Chemist- Santosh G.Kohare (District Laboratory, Gondia)
2. Bacteriologist Bharati N.Patle (District Laboratory, Gondia)

This Report is restricted only for the sample submitted to this laboratory.
It is presumed that the representative sample from the source is sent for analysis.

REMARKS -In the above sample, chemical report contains all parameter values are in Permissible limits hence this water sample is chemically fit & In bacteriological report contains all parameter values are in Permissible limits i.e. 0 MPN/100 ml Hence this water sample is Bacteriological fit.

To:- Principal, Eklavya Residential School, Borgaon/Ba., Taluka-Deori, District-Gondia.

This is for your information & necessary action.

Prepared by

[Signature]
Chemist
District Monitoring Cell
GSDA, Gondia

Approved & Authorized by

[Signature]
Senior Geologist
Groundwater Survey & Development Agency
Gondia



Office of the Senior Geologist

Ground water Survey and Development Agency, Gondia

Bopche Chal, Near Union Bank of India, Balaghat Road, Gondia

E-mail ID: - sggondia@gmail.com

Phone No: - 07182-251222

Outward.No:-sg/gnda/gondia/tech./lab.analysis report/ 199 /2021

Date: 02-03/2021

Report on Chemical & Bacteriological Analysis of Water for Drinking Purposes

Inward No.:- 267/2020-21 Date:-04/02/2021		Office Name: - Principal, Eklavya Model Residential School, Bargaon/Bazaar, Taluka-Deori, District-Gondia.	
Date of Application-09/02/2021	Testing Fees - 2350/-	Challan No.-12	Date of Challan-09/02/2021
Village- Bargaon/Bazaar	Taluka- Deori		District- Gondia
Source- Openwell	Location of Sample-Eklavya Model Residential School, Bargaon/Bazaar, Taluka-Deori, District-Gondia.		

Chemical Analysis Report

(All the analytical results are in ppm except Ph, Turbidity & Conductivity)

Date of Sample Collection			Date of Sample Received	Date of Sample Analysis	Date of Analysis Reporting
09/02/2021			09/02/2021	16/02/2021	25/02/2021
SN.	Name of Parameter Tested	Unit of Measurement	Tested Sample	BIS Specifications 10500 : 2012 Normal Values	
			Found Values	Desirable Limits	Permissible Limits
1	pH	-	7.6	6.5 to 8.5	No Relaxation
2	Turbidity	NTU	0.54	1.0	5.0
3	Conductivity	µs	188	800	2500
4	Total Dissolved Solids (TDS)	ppm	122	500	2000
5	Nitrate(NO ₃)	ppm	0.98	45	No Relaxation
6	Fluoride (F)	ppm	0.54	1.0	1.5
7	Iron (Fe)	ppm	0.26	1.0	No Relaxation
8	Sulphate(SO ₄)	ppm	1.20	200	400
9	Chloride (Cl)	ppm	35	250	1000
10	Alkalinity	ppm	30	200	600
11	Total Hardness	ppm	50	200	600

Bacteriological Analysis Report

Date of Sample Collection		Date of Sample Received	Time of Sample Received	Date of Sample Analysis
09/02/2021		09/02/2021	11.30 am	09/02/2021
SN.	Name of Parameter Tested	Found Values	BIS Specifications 10500:2012 Normal Values	
		No. of Microbes/100 ml	Desirable Limits	Permissible Limits
1	Coli form (MPN/100 ml)	0	0	0
2	E.Coli(MPN/100 ml)	0	0	0

Above Water Sample is tested by-

1. Chemist- Santosh G.Kohare (District Laboratory, Gondia)
2. Bacteriologist Bharati N.Patle (District Laboratory, Gondia)

This Report is restricted only for the sample submitted to this laboratory. It is presumed that the representative sample from the source is sent for analysis.

REMARKS -In the above sample, chemical report contains all parameter values are in Permissible limits hence this water sample is chemically fit & In bacteriological report contains all parameter values are in Permissible limits i.e. 0 MPN/100 ml Hence this water sample is Bacteriological fit.

To: - Principal, Eklavya Model Residential School, Bargaon/Bazaar, Taluka-Deori, District-Gondia.

This is for your information & necessary action.

Prepared by

Chemist

District Monitoring Cell
GSDA, Gondia

Approved & Authorized by

Senior Geologist

Groundwater Survey & Development Agency
Gondia