Sub-Divisional Water Testing Laboratory Tumsar

Ground Survey and Development Agency
Senior Geologist Office, Bhandara.

Test Report No. : - SDL/GSDA/TMR/19/2025 Date:- 04-08-2025

Issued To- Principal Shirinbai Netarwala School Manek Nagar,Madgi. Ta. Tumsar, Dist.-Bhandara	Lab ref/Sample Inward No. :- SDL/TMR/BACT/16/2025 Sample Recd. Date :- 31-07-2025 Sample Water Source: - R.O. UID :- U2531063S31042170	Analysis Start Date:- 31-07-2025 Analysis End Date:- 04-08-2025
Sample Collected By. Bimal Prabharkar Collection of Sample ...ok	Sampling Date :- 31-07-2025 Sampling Timing :- 02:20 PM Environmental Condition Temp :- 26°C	Source Location :- Shirinbai Netrawala School

TEST RESULT

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

SR. .NO.	TEST PARAMETER	SAMPLE 1
1	TOTAL COLIFORM BACTERIA	00
2	THERMOTOLERENT(E.COLI BACTERIA)	00
3	RESIDUAL CHLORINE	0.2

REMARKS

A) Sample No 1..is/are Bacteriologically **FIT** for drinking purposes on the basis of analysed parameters only.

Hence this / thes water source(s) is / are Bacteriologically **FIT** for drinking purposes.

Date :- 04/08/2025

Place :- Tumsar.

Bacteriologist

SDL, Tumsar

Assistant Geologist

GSDA, Bhandara

Sub-Divisional Water Testing Laboratory Tumsar

Ground Survey and Development Agency
Senior Geologist Office, Bhandara.

Test Report No. : - SDL/GSDA/TMR/12 /2025

Issued To- Principal Sirinbai Netrawala School Manek Nagar , Madgi. Ta.-Tumsar, Dist.-Bhandara	Lab ref/Sample Inward No. :- SDL/TMR/CHEM/ 09/2025 Sample Recd. Date :- 17-06-2025 Sample Water Source: - R.O. UID :- U1674197S30031516	Analysis Start Date:- 20-06-2025 Analysis End Date:- 20-06-2025
Sample Collected By. Sunil Deshkar Collection of Sample ...ok	Sampling Date :- 17-06-2025 Sampling Timing :- 1:50 PM Environmental Condition Temp :- 28.5°C	Source Location :- Sirinbai Netrawala School , Madgi.

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

SN	TEST PARAMETER	BIS Specifications 10500 : 2004 (Edn.2.2) Normal Values		Measurement Unit	Test Method	Test Result
		Desirable Limits	Permissible Limits	Hazen		
1	Colour	--	--	-----	APHA24th EDN Method 212082	Clear
2	Odour	Unobjectionable	--	-----	IS 3025 (P.5) : 1983	Agreeable
3	Taste				IS 3025 (P.7) : 1984	Agreeable
4	Temperature	25°C				28.5°C
5	Turbidity (N.T.U.)	5	10	NTU	APHA24th EDN Method 2130-B	0.93
6	pH Value	6.5 to 8.5	No Relaxation	------	APHA24th EDN Method 4500	7.64
7	Chlorides (as Cl)	250	1000	Mg/lit.	APHA24th EDN Method 4500CL-B	25
8	Nitrates (as NO_3)	45	No Relaxation	Mg/lit.	APHA24th EDN Method 4500NO3B	1.505
9	Total Hardness (as $CaCO_3$)	300	600	Mg/lit.	APHA24th EDN Method 2540C	120
10	Alkalinity (as $CaCO_3$)	200	600	Mg/lit.	APHA24th EDN Method 2320B	200
11	Iron (as Fe)	0.3	1.0	Mg/lit.	APHA24th EDN Method 3500 Fe-B	0.108
12	Fluoride (as F)	1.0	1.5	Mg/lit.	APHA24th EDN Method 4500 FB	0.135
13	Total Dissolved Solids	500	2000	Mg/lit.	APHA24th EDN Method 2540C	239
14	Sulphate (as SO_4)	200	400	Mg/lit.	APHA24th EDN Method 4500SO_4 B	3.026
15	Calcium	75	200	Mg/lit.	APHA24th EDN Method 3500Ca-B	48
16	Magnesium	30	100	Mg/lit.	APHA24th EDN Method4500	17.496
17	Electrical Conductivity	--	--	µs/cm	APHA24th EDN Method 2510B	369

Remarks: -

1) The result relate only to the sample tested.
2) The report shall not be re-procedure expect in full without the written approval of the laboratory.
3) The sample is collected by the client himself as such the lab has no involvement in sample collection.

Hence this/ these water sources Sample no.1 is /are **FIT** for drinking purposes.

Chemist
SDL, Tumsar.

रसायनी
जिल्हा सनियंत्रण कक्ष
भंडारा

Senior Geologist
GSDA, Bhandara.