

वरीष्ठ भुर्वेज्ञानिक यांचे कार्यालय
भूजल सर्वेक्षण आणि विकास यंत्रणा, भंडारा
उपविभागिय प्रयोगशाळा, तुमसर

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Date: - 13/06/2023

REPORT ON BACTERIOLOGICALLY EXAMINATION OF WATER FOR DRINKING PURPOSES

Name of Sender :- SHIRINBAI NETERWALA SCHOOL MANEK NAGAR, TUMSAR (MADGI)

Date of Receipt- 09-06-2023

Date of Examination- 09-06-2023

Source :- 1) Sample – R.O.
2) Sample – WELL

SR. NO.	TEST PARAMETER	Sample 1	Sample 2
1	COLIFORM	0	16
2	THERMOTOLERENT	0	0
3	RESIDUAL CHLORINE	0.2	NIL

REMARKS

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

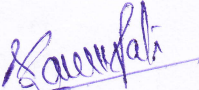
Hence this / these water source(s) is / are Bacteriologically **FIT** for drinking purposes.

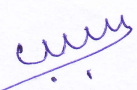
B) Sample No 2 ..is/are Bacteriologically **UNFIT** for drinking purposes on the basis of analysed parameters only.

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

Date :- 13/06/2022

Place :- Tumsar.


Bacteriologist
SDL, Tumsar


Assistant Geologist
GSDA, Bhandara

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Date: - 13/06/2023

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

Name of Sender :- SHIRINBAI NETERWALA SCHOOL MANEK NAGAR, TUMSAR (MADGI)

Date of Receipt- 09-06-2023

Date of Examination- 13-06-2023

Source :-
1) Sample – R.O.
2) Sample – WELL

(All the Analytical Results are in mgs. / liter except pH & Turbidity)

SR. NO	TEST PARAMETER	Sample 1	Sample 2	BIS Specifications 10500 : 2004 (Edn.2.2) Normal Values	
				Desirable Limits	Permissible Limits
1	Physical Observations	CLEAR	CLEAR	--	--
2	Odour	OL	OL	Unobjectionable	--
3	Temperature	38.0	38.1		
4	Turbidity (N.T.U.)	0.84	0.65	5	10
4	pH Value	7.10	7.20	6.5 to 8.5	No Relaxation
5	Chlorides (as Cl)	75	85	250	1000
6	Nitrates (as NO ₃)	5.175	5.014	45	No Relaxation
7	Total Hardness (as CaCO ₃)	320	400	300	600
8	Alkalinity (as CaCO ₃)	300	328	200	600
9	Iron (as Fe)	0.054	0.120	0.3	1.0
10	Fluoride (as F)	0.035	0.055	1.0	1.5
11	Total Dissolved Solids	755	589	500	2000
12	Sulphate (as SO ₄)	17.571	15.085	200	400


REMARKS

A) Sample No...1,&2, is/are chemically **FIT** / potable for drinking purposes on the basis of analyzed parameters only. However, this/these water source(s) can be used for drinking purposes only after proper disinfection and ascertaining its bacteriological quality.

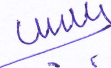
Hence this / these water source(s) is / are **FIT** for drinking purposes.

Date: - 13-06-2023

Place: - TUMSAR


Chemist

SDL, Tumsar


Senior Geologist

For GSDA, Bhandara