

DISTRICT WATER TESTING LABORATORY

Public Health Engineering Department Chhindwara (M.P.)

ANALYSIS REPORT

No. 475 AE/ Lab/ P.H.E./ Sub Dn, Chhindwara.

Date: 11/9/17

Kind of sample: Drinking

PARTICULARS OF SENDER: Bharat Bharti Vidyalaya Narsingpur Road, Distt. Chhindwara, Ref.no.1426 & Date: 08.09.2017

PARTICULARS OF SAMPLE: Not Collected by distt. Lab

5. No. PLACE COLLECTION AND DETAILS OF SAMPLE

1 Tubewell Water at Bharat Bharti School, Chhindwara

DATE

08.09.2017

Date of Receipt: 08.09.2017

Time of Receipt: 12:30 PM

Lab. Reference No. 247

Tested on: 08.09.2017

NATURE OF STUDY-CHEMICAL & BACTERIOLOGICAL ANALYSIS

No.	Characteristics	Unit	As per BIS - 10500 2012 & Jnu 2015 For Drinking Water		Samples Result
			Requirement (Desirable Limit)	Permissible Limit in the Absence of Alternate Source	
PHYSICAL TESTS					
1	Temperature	Oc	—	—	—
2	Turbidity	NTU	1	5	26.8
3	Odour	—	Undetectable	Undetectable	Undetectable
ROUTINE CHEMICAL TESTS					
4	PH	PH Scale	6.5 to 8.5	No Relaxation	7.33
5	Conductivity 25°C	Microhm/cm at 25°C	—	—	—
6	Total Alkalinity as CaCO ₃	Mg/l	200	600	312
7	Chloride as Cl	Mg/l	250	1000	78.3
8	Nitrate as NO ₃	Mg/l	45	45	30.0
9	Total Hardness As CaCO ₃	Mg/l	200	600	416
10	Calcium as Ca ⁺⁺	Mg/l	75	200	112
11	Magnesium as Mg ⁺⁺	Mg/l	30	100	34
12	Total Dissolved Solids	Mg/l	500	2000	478
13	Iron As per BIS - 10500 2012 & Jnu 2015	Mg/l	1	1	0.1
14	Manganese as Mn	Mg/l	0.1	0.3	—
15	Sulphate as SO ₄	Mg/l	200	400	—
16	Fluoride	Mg/l	1	1.5	1.06
17	Residual Chlorine as Cl ₂	Mg/l	0.2	1.0	—
BACTERIOLOGICAL TEST					
18	M.P.N. of Coliform	Per 100 ml	Nil	Nil	—
19	Faecal Coliform	Per 100 ml	Nil	Nil	—

Remarks : Sample not collected by laboratory staff.

Init. No. AE/ Lab/ P.H.E. Sub Dn, Chhindwara Date: _____

Copy to - 1. Executive Engineer P.H.E. Division Chhindwara for information please.

(Signature)
Asstt. Engineer
Distt. Water Supply, Chhindwara
P.H.E. Chhindwara

(Signature)
Laboratory In-charge
Distt. Water Testing Lab
Chhindwara

(Signature)
Public Health Engg. Sub Dn
Chhindwara (M.P.)