District Water Testing Laboratory

Behind officer Club, Kasturba Gandhi Ward, Bhandara
Office of the Senior Geologist
Groundwater Surveys and Development Agency
Bhandara -441904

FINAL REPORT

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Final Report No. - DWTL/GSDA/ BHN/ 162 /2026 **Date- 01 .09.2026**

Customer – Lotus International Public School, Kharabi, Tal- Bhandara **App ID- 265064104BCO7ADE**	**Lab ref./Sample Inward No.- DWTL/BHN/SG/CHEM/742 /2026** **Sample Received Date/Inward Date 15.09.2026** **Sample – Water Source- R.O.** **ULR NO-TC15182260000000755F**		**Analysis Start Date- 21.09.2026** **Analysis End Date- 22.09.2026**
Sample collected by- Applicant **Condition of Sample- ok**	**Sampling Date- 14.09.2026** **Sampling Time- 4.30 pm**	**Environmental condition Temp –32°c Humidity – 67%**	**Source Location- Lotus International Public School, Kharabi, Tal- Bhandara**

Final Result

Sr. No	Test Parameter	Measurement Unit	Test Method	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result
				Desirable Limit	Permissible Limit	S1
1	pH @21.7°c	-	APHA 24th EDN, METHOD 4500	6.5 TO 8.5	No Relaxation	6.39
2	Ele.Conductivity@25°c	uS/cm	APHA 24thDN, METHOD 2510B	-	-	115
3	TDS	mg/L	APHA 24th EDN, METHOD 2540C	500	2000	75
4	Total Hardness	mg/L	APHA 24th EDN, METHOD 2340C	200	600	58.8
5	Fluoride	mg/L	APHA 24th EDN, METHOD 4500F B	1	1.5	0.450
6	Nitrate	mg/L	APHA 24th EDN, METHOD 4500 No_3 B	45	-	1.690
7	Iron	mg/L	APHA 24th EDN, METHOD 3500 Fe-B	1.0	-	0.096
8	Colour	Hazen	APHA 24th EDN, METHOD 2120 -C	-	-	1
9	Odour	-	IS 3025(P-5):1983	-	-	Agreeable
10	Taste	-	IS 3025(P-7):1984	-	-	Agreeable
11	Turbidity	NTU	APHA 24th EDN, METHOD 2130-B	1	5.0	0.070
12	Calcium	mg/L	APHA 24th EDN, METHOD 3500Ca-B	75	200	15.68
13	Magnesium	mg/L	APHA 24th EDN, METHOD 4500	30	100	0.095
14	Sulphate	mg/L	APHA 24th EDN, METHOD 4500 SO_4 B	200	400	2.130
15	Total Alkalinity	mg/L	APHA 24th EDN, METHOD 2320B	200	600	21.7
16	Chloride	mg/L	APHA 24th EDN, METHOD 4500Cl- B	250	1000	19.17

1. The results relate only to the samples tested. **The Sample unfit in pH**
2. The report shall not be reproduced except 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
4. This Report is not Permitted to use of water for commercial purpose

Approved By
QM
C.K.Uke
(Asistant Geologist)

रसायनी
जिल्हा नियंत्रण कक्ष
भंडारा

Authorised By
Chemist (T.M)
M.D.KATURE
District lab Bhandara

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