



**DISTRICT WATER QUALITY TESTING LABORATORY  
GROUND WATER SURVEYS AND DEVELOPMENT AGENCY DISTRICT  
HINGOLI MJP PREMISES NEAR NARAYAN NAGAR HINGOLI 431513**



**WATER ANALYSIS TESTING REPORT**

Test Report No.	DWQTL/HNL/2025/44	Issue Date: 29.09.2025
Name Of Customer /Ref	Principal, Bahirji Vidya Mandir	ULR No. TC12991250000000044F
Address Of Customer	At. Basmath Tq. Basmath	
Sample declaration as provided by customer		
Nature of sample	Ground Water	
Sample Drawn & collected	By Customer	Sample Received On. 19.09.2025
Analysis Start Date	25.09.2025	
Analysis End Date	29.09.2025	Temp./RH : 21°C / 55%
Sample container	Plastic can	Sample Quantity 1 Lit.

**Sample Details:-**

Sr. No.	Customer Sample No.	Lab Id	Taluka	Village	Location Source	Collected By	Date Of Collection	Date Of Analysis
1	0044	C44/2025	Basmath	Basmath	Bahirji Vidya Mandir Borewell	By Customer	19.09.2025	29.09.2025

**Results**

Sample Lab ID No.			BIS 10500:2012		GSDA/DWQTL/HNL/25/0044	
Sr. No	Parameters	Unit	Test Method	Desirable limit	Permissible limit	
1	Color	HU	APHA 23rd Edition -2120-Colour Method B(platinum Cobalt Visual Comparison):2017	-	-	1
2	Odor	---	IS 3025(Part 5):2018	-	-	Odorless
3	Taste	---	IS 3025(Part 8):2017	-	-	Tasteless
4	Turbidity	NTU	APHA 23rd Edition-2130 Turbidity Method B-2017	1.0	5.0	1.0
5	pH	---	APHA 23rd Edition Method 4500-H+ B:2017	6.5 - 8.5	-	7.74
6	E-Conductivity	µs/cm	APHA 23rd Edition-2510 B:2017	-	-	1075
7	TDS	mg/L	APHA 23rd Edition: 2540 C TDS Dried at 180° C	500	2000	699
8	Total Hardness	mg/L	APHA 23rd Edition:2340 C EDTA Titrimetric Method	200	600	496
9	Total Alkalinity	mg/L	APHA 23rd Edition-2320-Alkalinity Method B(Titration Method): 2017	200	600	220
10	Chloride	mg/L	APHA 23rd Edition-4500-Cl Method B(Argenometric Method): 2017	250	1000	110
11	Calcium as Ca++	mg/L	APHA 23rd Edition-3500-Ca Method B(EDTA Method): 2017	75	200	37
12	Mangesium Mg++	mg/L	APHA 23rd Edition-3500-Mg Method B(By Calculation Method): 2017	30	100	98
13	Fluoride	mg/L	APHA 23rd Edition-4500-F-D:2017	1.0	1.5	0.35
14	Iron	mg/L	APHA 23rd Edition-3500-Fe B:2017	0.3	1.0	0.18
15	Nitrate	mg/L	APHA 23rd Edition:4500 B UV Screening Method	45	--	44

**Statement:**

- 1.The result relate only to the samples tested and fully depend on the sample as collected and submitted by customer.
- 2.The report shall not be reproduced except in full, without the written approval of the laboratory.
- 3.The observed result are for the sample submitted in lab & recommended regular check of source frequently.

**Result Reviewed By**

*B. Vinkare*

**Mr.P. M. Vinkare  
Chemist / TM**

**Technical Manager**  
DWQTL G.S.D.A. Hingoli

\*\*\*END OF REPORT\*\*\*

*B. Vinkare*

**PRESIDENT**

**Bahirji Vidya Mandir  
Basmath Dist Hingoli**

*S. Vinkare*

**Principal**

**Bahirji Vidya Mandir  
Basmath Dist Hingoli**