

	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02	 Certificate No.: TC-5752'
		Issue No.:496	
	TEST REPORT		

Report No: SLWTL/2022/GW-16325	URL No.- TC575222200000496P	Date of Reporting: 02.11.2025
Name of the Organisation/Person: Sharons Public School		
Location Details: Ram Nagri Rd., Ashiana Nagar, Patna - 800025		
Ref.Memo No: Nil	Sample Received on: 01.11.2025	
Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"): Yes		
Type of Sample: Ground Water	Source of Sample: Boring Water	
Volume of Sample: 1 Ltr	Type of Container: Plastic	
Mode of Preservation: Preserved	Sample Condition: Sealed	
Deviation of Method , If Any: NIL	Date of Sampling: 01.11.2025	
Date of Analysis Started: 01.11.2025	Date of Analysis Completed: 02.11.2025	

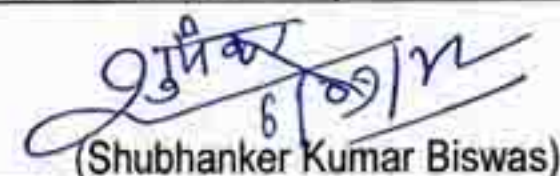
Remarks: This water sample is fit for Drinking Purpose.

Sl. No.	Parameters	Minimum Detection Limit	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters (APHA 23 rd Ed. 2017)	Results
1	pH Value	2.0	6.5-8.5	No relaxation	4500-H ⁺ -B, 4-95 to 4-99	7.29
2	Turbidity, NTU	4.0	1	5	2130-B, 2-13 to 2-15	<4.0
3	Conductivity, $\mu\text{mho/cm}$	1.0	-	-	2510-B, 2-58 to 2-59	718.00
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540-C, 2-69 to 2-70	466.00
5	Total Hardness(as CaCO_3), mg/l	10.0	200	600	2340-C, 2-48 to 2-50	256.00
6	Calcium(as Ca), mg/l	5.0	75	200	3500-Ca B, 3-69	64.13
7	Magnesium(as Mg), mg/l	2.0	30	100	3500-Mg B, 3-86	23.33
8	Chloride(as Cl), mg/l	5.0	250	1000	4500-Cl B, 4-75	55.97
9	Alkalinity(as CaCO_3), mg/l	10.0	200	600	2320-B, 2-37	312.00
10	Iron(as Fe), mg/l	0.01	1.0	No relaxation	3500-feB 3-80 to 3-82	0.75
11	Nitrate(as NO_3), mg/l	1.0	45	No relaxation	4500- NO_3 -B, 4-127, to 4-129	<1.0
12	Sulphate(as SO_4), mg/l	5.0	200	400	4500- SO_4 E, 4-199 to 4-200	12.60
13	Fluoride(as F), mg/l	0.01	1.0	1.5	4500-D, 4-90 -4-92	0.29
14	Arsenic(as As), mg/l	0.002	0.01	No relaxation	3500-As & B, 3-66 to 3-68	<0.002
15	Manganese (as Mn), mg/l, Max. ***	0.01	0.10	0.30	IS, 3025 (Part 59)	<0.01
16	Coliform Organisms, MPN/100ml ***	-	-	**	M-Test-Tube Technique	Absent

Note: * (*) Drinking Water Specification Second Revision -IS: 10500:2012, ND=Not Done, NR=Not Required.

** Shall not be detectable in any 100 ml sample.

*** This parameter is not included in Scope of Accreditation


(Shubhanker Kumar Biswas)

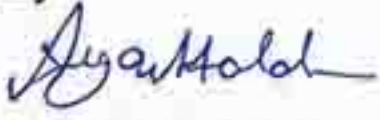
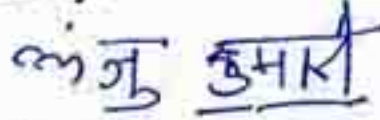
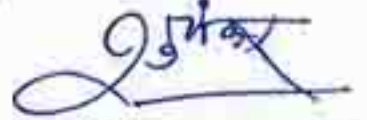
Signature of Lab-In-charge

Copy forwarded to: (i) S.R.O , PHED, Govt. of Bihar, (ii) Engineer-in-Chief, PHED, Govt. of Bihar, (iii) Director, Water Quality, PHED, Govt. of Bihar

Lab-In-charge
SLWTL, PHED, Patna
Received By

1.The results are reported based on the materials received. 2.Sample will be destroyed after 15 Days from the date of issue of the test report subject to nature of preparation unless otherwise specified. 3.Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of the competent authority of the Laboratory.

----- END OF TEST REPORT -----

Prepared by:  Quality Manager	Approved by:  S.R.O cum Technical Manager	Issued by:  Research Assistant cum Lab-in-charge	Page 1 of 1 Revision No.: 0 Revision Date: Nil
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