SUB-DIVSIONAL WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
194301 Union Territory – Ladakh
Doc. No. SDWTL/SK/7.8/F-01
TEST REPORT

Name & Address of customer Govt High School Tongol

Date of Sample Receipt:	2/07/2026	Date of Issue:	03/07/2026
Analysis Starting Date:	3/07/2026	Analysis Completion Date:	03/07/2026
Discipline:	Chemical test	Group:	WATER
Sample Type:	Drinking water	Mode of Sample:	satisfactory
Test Report No:	1	Sample ID:	Sdwtl/sk/2025-2026/1
Source/ Scheme:	Surface water	Location:	H.S TONGOL

Kindly find herewith the Analytical results.

S. No	Parameter	Unit	IS-10500:2012 (2nd Revision)		Reference Method:	Analytical Value
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
			Min.	Max.		
1	Colour	Hazen	5	15	APHA 24th Ed.2023; Method: 2120B	BDL
2	Odour	-	Agreeable	Agreeable	IS:3025 (Part-5):2018 (2nd Revision)	Agreeable
3	Taste	-	Agreeable	Agreeable	IS:3025 (Part-8):1984 (Reaffirmed 2023)	Agreeable
4	Turbidity	NTU	1	5	APHA 24th Ed. 2023; Method: 2130B	1.69
5	pH at 25°C	-	6.5 to 8.5	No Relaxation	APHA 24th Ed. 2023; Method: 4500 H^+ B	8.07
6	Total Dissolved Solids	mg/L	500	2000	APHA 24th Ed. 2023; Method:2540 C	252
7	Total Hardness (as $CaCO_3$)	mg/L	200	600	APHA 24th Ed. 2023; Method:2340C	168
8	Calcium (as Ca^{+2})	mg/L	75	200	APHA 24th Ed. 2023; Method: 3500 Ca^{+2} B	62.52
9	Magnesium (as Mg^{+2})	mg/L	30	100	APHA 24th Ed. 2023; Method: 3500 Mg^{+2}B	12.84
10	Chloride (as Cl^-)	mg/L	250	1000	APHA 24th Ed. 2023; Method:4500 Cl^-B	11.99
11	Fluoride (as F^-)	mg/L	1	1.5	APHA 24th Ed. 2023; Method: 4500 F^-C	0.0433
12	Total Alkalinity (as $CaCO_3$)	mg/L	200	600	APHA 24th Ed. 2023; Method 2320B	96
13	Sulphate (as SO_4^{2-})	mg/L	200	400	APHA 24th Ed.2023;4500 SO_4-2E	65.78

This Report is issued under the following terms & condition:

1. The results given above are related to the sample as received and tested in DWTL, Kargil. Reliability of sample lies with the sender.
2. This test report can't be reproduced wholly or in part without written permission of laboratory.
3. This test report can't be used for any publicity or any legal purpose.
4. This test was performed under environmental condition of (Temp. 25 ± 5°C & Relative humidity (Rh) 30 ± 15%).
5. The test sample will be disposed off after retention period (10 days) from the date of issue of test report unless until specifically requested by the customer.

Reviewed by:

(Sakina banoo)
Quality Manager
sub-divisional water testing laboratory
Sankoo

Quality Manager

authorised and issued by:

(Salema khanum)
technical manager
sub-divisional water testing laboratory
Sankoo

Technical Manager

End of the Test Report