

DISTRICT WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
Solar Colony Leh- 194104 UT – Ladakh
Doc. No. DWTL/7.8/F-01
TEST REPORT

Name & Address of Customer: -
Govt High School Thiksay

Customer Reference No:

Date of Sample receipt	22-07-2025	Date of Issue	23-07-2025
Analysis starting Date	22-07-2025	Analysis Completion Date	23-07-2025
Discipline	Chemical testing	Group	Water
Sample Type	Drinking Water	Mode of Sample:	Satisfactory
Test Report No	407	Sample ID:	DWTL/2025-26/407
Source/ Scheme	Ground Water/Borewell	Location	Thiksay

Kindly find herewith the Analytical results

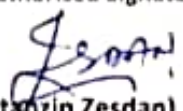
S.No	Parameter	Unit	IS-10500:2012 (2 nd Revision)		Reference Method:	Analytical Value
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
			Max.	Max.		
1	Colour	Hazen	5	15	APHA 23 rd Ed 2017; Method: 2120B	NDL
2	Odour	-	Agreeable	Agreeable	IS:3025 (Part-5):2018 (2 nd Revision)	Agreeable
3	Taste	-	Agreeable	Agreeable	IS:3025 (Part-8):1984 (Reaffirmed 2017)	Agreeable
4	Turbidity	N.T.U	1	5	APHA 23 rd Ed. 2017; Method: 2130B	0.49
5	Total Dissolved Solids	mg/L	500	2000	APHA 23 rd Ed. 2017; Method:2540 C	286
6	Total Hardness (as CaCO ₃)	mg/L	200	600	APHA 23 rd Ed. 2017; Method: 2340C	215.6
7	Calcium (as Ca ²⁺)	mg/L	75	200	APHA 23 rd Ed. 2017; Method: 3500Ca B	64.41
8	Magnesium (as Mg ²⁺)	mg/L	30	100	APHA 23 rd Ed. 2017; Method: 3500 MgB	13.26
9	pH at 25°C	-	6.5 to 8.5	No Relaxation	APHA 23 rd Ed. 2017; Method: 4500 H ⁺ B	7.446
10	Chloride (as Cl ⁻)	mg/L	250	1000	APHA 23 rd Ed. 2017; Method:4500 Cl ⁻ B	19.99
11	Fluoride (as F ⁻)	mg/L	1	1.5	APHA 23 rd Ed. 2017; Method: 4500 F ⁻ C	0.338
12	Total Alkalinity (as CaCO ₃)	mg/L	200	600	APHA 23 rd Ed. 2017; Method 2320B	187.68
13	Sulphate (as SO ₄ ²⁻)	mg/L	200	400	APHA 23 rd Ed.2017;4500 SO ₄ ²⁻ E	38.9

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1. The results given above are related to the sample as received and tested in DWTL, Leh. 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 of after retention period (10days) from the date of issue of test report unless until specifically requested by the customer.

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Authorised Signatory:


(Stanzin Zesdan)
Technical Manager
DWTL Solar Colony

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PUBLIC HEALTH ENGINEERING DEPARTMENT
Solar Colony Leh- 194104 UT – Ladakh
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Source/ Scheme	Ground Water/Borewell	Location	Thiksay

Kindly find herewith the Analytical results.

S.No	Parameter	Unit	IS-10500:2012 (2 nd Revision)		Reference Method:	Analytical Value
			Require ment (Accepta ble Limit)	Permissible Limit in the Absence of Alternate Source		
			Max.	Max.		
1	Nitrate (as NO ₃ ⁻)	mg/L	45	No Relaxation	APHA 23 rd Ed. 2017; Method: 4500 NO ₃ ⁻ B	0.3
2	Conductivity	µS/cm	-	-	APHA 23 rd Ed 2150 B	310
3	Iron	mg/L	0.3	1.0	APHA 23 rd Ed. 3500 Fe B	0.03
4	Free residual Chlorine	mg/L	0.2	1.0	Photometric, DPD	0.0

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Authorised Signatory:

(Signature)
(Stanzin Zesdan)
Technical Manager
DWTL Solar Colony

DISTRICT WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
Solar Colony, Leh - 194104 Union Territory - Ladakh
QF No. DWTL/SOLAR/M/7.8/F-01

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Email: qmdwtlleh@gmail.com

WATER ANALYSIS REPORT

Test Report no: -DWTL/SOLAR/M/TR/118

Date of Issue: 23-07-2025

Sample Particulars:		Details of Sampling	
Name of the Customer: -	Govt High School Thiksay	Type of Source:-	Ground Water/ Bore Well
		Date of Sampling:-	22-07-2025
		Sample Receive Date:-	22-07-2025
Sample Package Condition: - OK m) Quantity of Sample Received- 1Ltr n) Type of Container- Sterilized bottle		Vide letter No.	
		Sampling Protocol:-	Samples are not collected by this laboratory
		Sample Collected by:-	School Staff
		Sample Location:-	Govt High School Thiksay

Bacteriological Test

Test Started on:		Test Report		Test Completed on:	
1	Total Coliform	CFU/100ml	ABSENT	Shall not be detectable in any 100ml Samples	IS15185 2016 [Membrane Filter Technique Method]
2	Escherichia coli	CFU/100ml	ABSENT		
3	Fecal coliform	CFU/100ml	----	Shall not be detectable in any 100ml Samples	IS15185 2016 [Membrane Filter Technique Method]

Note:-

Information on Test Report:

- Results relates only to samples received in the Laboratory.
- The test report shall not be produced except in full without written approval of DWTL, Solar Colony.

Reviewed by:



(Stanzin Zesdan)

Technical Manager

District Water Testing Laboratory,
Solar Colony Leh

Authorized & Issued by:



(Stanzin Nurboo)

Quality Manager

District Water Testing Laboratory,
Solar Colony Leh

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*****End of Report*****