

THE ADMINISTRATION OF UNION TERRITORY OF LADAKH  
Ladakh Autonomous Hill Development Council, Leh  
PUBLIC HEALTH ENGINEERING DEPARTMENT  
DISTRICT WATER TESTING LABORATORY, LEH  
PHYSICO-CHEMICAL WATER ANALYSIS REPORT

|   |                                     |
|---|-------------------------------------|
| Laboratory Ref. No:- DWTL/ 488/20-21    | Source:- Ground water               |
| Place of Collection:- Lamdon Leh Hostel | Scheme:- Borewell                   |
| Date of Collection:- 22/03/2021         | Date of Receipt:- 22/03/2021        |
| Forwarded/collected by :- LEHO NGO      | Date of Examination:- 22-23/03/2021 |

REPORT

| S.No. | Parameters                             | Units  | Results          | Permissible Limits | Max. Tolerance Limits |
|-------|--|--------|------------------|--------------------|-----------------------|
| 1.    | Turbidity                              | N.T.U  | 0.13             | 1                  | 5                     |
| 2.    | Colour                                 | Hazens | --               | 5                  | 15                    |
| 3.    | Taste and Odour                        | -----  | Un-objectionable | Un-objectionable   | -                     |
| 4.    | PH at 25°C                             | -----  | 7.35             | 6.5-8.5            | 8.5                   |
| 5.    | Total Dissolved Solids                 | mg/l   | 104              | 500                | 2000                  |
| 6.    | Chlorides (As Cl-)                     | mg/l   | 15               | 200                | 1000                  |
| 7.    | Suiphate(As So <sub>4</sub> )          | mg/l   | <200             | 200                | 400                   |
| 8.    | Fluorides(As F-)                       | mg/l   | 0.0              | 1.0                | 1.5                   |
| 9.    | Iron(As Fe)                            | mg/l   | 0.0              | 0.3                | 0.3                   |
| 10.   | Ammonical Nitrogen(NH <sub>3</sub> -N) | mg/l   | 0.17             | 0.5                | 1.5                   |
| 11.   | Nitrates(As NO <sub>3</sub> )          | mg/l   | 0.0              | 45                 | No Relax.             |
| 12.   | Maganese(As Mn)                        | mg/l   | 0.01             | 0.1                | 0.5                   |
| 13.   | Alkalinity                             | mg/l   | 97.63            | 200                | 600                   |
| 14.   | Hardness                               | mg/l   | >90              | 200                | 600                   |
| 15.   | Coliform Bacteria                      |        | Absent           |                    |                       |

IMPRESSION:- Tested physical and chemical parameters are within the permissible limits and Maximum Tolerance limits as per (BIS10500)

Chemist

Assistant Engineer

**Principal**  
**Lamdon Model Sr.Secy.School**  
**UT Leh Ladakh - 194101**

**President**  
**Lamdon Social Welfare Society**  
**Leh - Ladakh - 194101**