



# DEVBHOOMI TESTING LABORATORY DEHRADUN

NABL Accredited, Govt. Approved, MSME Registered, & ISO : 9001:2015 & 14001: 2015 Certified Laboratory

Neelkanth Enclave, Harbhajwala, Telpur Chowk, Shimla By Pass Road, Dehradun 248171

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Email: devbhoomilab@gmail.com

## TEST REPORT

|  |                                   |
|--|-----------------------------------|
| Description of Sample: Drinking / Ground Water   | Report No.: DTL/DDN/2024/0211/03  |
| Sample Id: 02112024/03   | Date of Report: 07/11/2024        |
| Sample Quantity: 1 Ltr.  | Date of Sampling: 02/11/2024      |
| Sample Condition: Receipt as OK  | Start Date of Testing: 04/11/2024 |
| Sample Plan & Sampling Method: NA  | Date of Completion: 07/11/2024    |
| Environment Condition (Temp. & Humidity): NA   | Page 1 of 1                       |
| Addition to, Deviation or Exclusion from the Method: NA  |                                   |
| N.O.W : "Construction of 30M Span single lane steel girder pedestrian bridge near Charbag over Lwani Gadera at Silwani Tok, Chamoli" |                                   |
| Issued to:<br>M/S D.S Construction<br>I-7 Nehru colony,<br>Dehradun 248001   |                                   |

Requirement as per IS: 10500-2012 RA:2018

Sample :-01

| S. No. | Characteristics                                   | Test-Value | Acceptable Limit        | Permissible Limit in Absence of alternate source | Method of Test             |
|--------|---|------------|-------------------------|--|----------------------------|
| 1.     | Colour, Hazen unit Max.                           | $\leq 5$   | 5                       | 15   | IS-3025(P-4)-1983 RA:2021  |
| 2.     | Odour   | Agreeable  | Agreeable               | Agreeable  | IS-3025(P-5)-1983 RA:2018  |
| 3.     | Turbidity, NTU. Max.                              | Nil        | 1                       | 5  | IS-3025(P-10)-1984 RA:2017 |
| 4.     | pH Value  | 7.86       | 6.5-8.5                 | No Relaxation                                    | IS-3025(P-11)-1983 RA:2022 |
| 5.     | Total Hardness, (asCaCO <sub>3</sub> ), mg/l Max. | 26         | 200                     | 600  | IS-3025(P-21)-2009 RA:2019 |
| 6.     | Iron (as Fe), mg/l Max.                           | 0.24       | 0.3                     | No Relaxation                                    | IS-3025(P-53)-2012 RA:2019 |
| 7.     | Chloride (as Cl), mg/l Max.                       | 15         | 250                     | 1000   | IS-3025(P-32)-1988 RA:2019 |
| 8.     | Total Dissolved Solid mg/L Max.                   | 112        | 500                     | 2000   | IS-3025(P-16)-1984 RA:2017 |
| 9.     | <b>Bacteriological Test</b>                       |            | Shall not be detectable |  | IS:1622-1981 RA:2019       |
|        | a) E-Coil   | ND         |                         |  |                            |
|        | b) Total coliform bacteria                        | ND         |                         |  |                            |

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

  
Devbhoomi Testing Laboratory  
Technical Manager  
Dehradun

Checked & Issued by  
Authorised Signatory

1. The result Listed refer only to the tested sample & applicable parameters endorsement of products is neither inferred nor implied.
2. Total liability of our lab is limited to the invoiced amount.
3. Sample not drawn by lab and sample will be destroyed after 30 days from the date of issue of test report.
4. This report is not be reproduced wholly or in part and cannot be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.





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## TEST REPORT

|  |                                   |
|--|-----------------------------------|
| Description of Sample: Drinking / Ground Water   | Report No.: DTL/DDN/2024/0211/04  |
| Sample Id: 02112024/04   | Date of Report: 07/11/2024        |
| Sample Quantity: 1 Ltr.  | Date of Sampling: 02/11/2024      |
| Sample Condition: Receipt as OK  | Start Date of Testing: 04/11/2024 |
| Sample Plan & Sampling Method: NA  | Date of Completion: 07/11/2024    |
| Environment Condition (Temp. & Humidity): NA   | Page 1 of 1                       |
| Addition to, Deviation or Exclusion from the Method: NA  |                                   |
| N.O.W : "Construction of 30M Span single lane steel girder pedestrian bridge near Charbag over Lwani Gadera at Silwani Tok, Chamoli" |                                   |
| Issued to:<br>M/S D.S Construction<br>I-7 Nehru colony,<br>Dehradun 248001   |                                   |

Requirement as per IS: 10500-2012 RA:2018

Sample :-02

| S. No. | Characteristics                                   | Test-Value | Acceptable Limit        | Permissible Limit in Absence of alternate source | Method of Test             |
|--------|---|------------|-------------------------|--|----------------------------|
| 1.     | Colour, Hazen unit Max.                           | $\leq 5$   | 5                       | 15   | IS-3025(P-4)-1983 RA:2021  |
| 2.     | Odour   | Agreeable  | Agreeable               | Agreeable  | IS-3025(P-5)-1983 RA:2018  |
| 3.     | Turbidity, NTU. Max.                              | Nil        | 1                       | 5  | IS-3025(P-10)-1984 RA:2017 |
| 4.     | pH Value  | 7.78       | 6.5-8.5                 | No Relaxation                                    | IS-3025(P-11)-1983 RA:2022 |
| 5.     | Total Hardness, (asCaCO <sub>3</sub> ), mg/l Max. | 28         | 200                     | 600  | IS-3025(P-21)-2009 RA:2019 |
| 6.     | Iron (as Fe), mg/l Max.                           | 0.27       | 0.3                     | No Relaxation                                    | IS-3025(P-53)-2012 RA:2019 |
| 7.     | Chloride (as Cl), mg/l Max.                       | 18         | 250                     | 1000   | IS-3025(P-32)-1988 RA:2019 |
| 8.     | Total Dissolved Solid mg/L Max.                   | 105        | 500                     | 2000   | IS-3025(P-16)-1984 RA:2017 |
| 9.     | Bacteriological Test                              |            |                         |  | IS:1622-1981 RA:2019       |
|        | a) E-Coil   | ND         | Shall not be detectable |  |                            |
|        | b) Total coliform bacteria                        | ND         |                         |  |                            |

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

  
Devbhoomi Testing Laboratory  
Technical Manager  
Dehradun

Checked & Issued by  
Authorised Signatory

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