

**Laboratory** Regional Chemical Laboratory, Central Ground Water Board, NRC,  
Block-1, 4<sup>th</sup> Floor, Paryawas Bhawan, 38-Area Hills, Bhopal, Madhya  
Pradesh

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** TC-5797

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**Validity** 12.06.2017 to 11.06.2019

Last Amended on --

| Sl. | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing / Limits of Detection |
|-----|----------------------------|-------------------------|---|--|
|-----|----------------------------|-------------------------|---|--|

**CHEMICAL TESTING**

| I. | WATER        |                           |  |                       |
|----|--------------|---------------------------|--|-----------------------|
| 1. | Ground Water | Alkalinity (Bi-Carbonate) | APHA 22nd Edition: 2320-A & B, Page 2-34 to 2-36                     | 6 mg/L to 1500 mg/L   |
|    |              | Chloride                  | APHA 22nd Edition: 4500 Cl <sup>-</sup> A & B, Page No. 4-72 to 4-73 | 3.5 mg/L to 1500 mg/L |
|    |              | Total Hardness            | APHA 22nd Edition: 2340 A & C, Page No. 2-44 to 2-46                 | 5 mg/L to 1500 mg/L   |
|    |              | Calcium                   | APHA 22nd Edition: 3500 Ca A & B, Page 3-67 to 3-68                  | 2 mg/L to 1000 mg/L   |

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