



International Quality And Accreditation Services Pvt. Ltd.  
(Formerly International Quality And Accreditation Services LLP)  
25/33, 2nd Floor, East Patel Nagar New Delhi, 110008

### Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

**CAB Name:** Geo Designs and Research Pvt. Ltd. **Page No.** 1 of 1  
**Address:** B-10, Krishna Industrial Estate Opp BIDD, Gorwa  
Estate, Gorwa Vadodara – 390016, Gujarat. **Issue date** : 24.06.2025  
**Certificate No.:** T-0019 **Validity** : 23.06.2029

| Sr. No                                                        | Parameter/ Materials/ Products tested | Type of Test/Properties measured           | Standard specifications/ Equipment/Techniques used | Range of measurement                       | Facility  |
|---------------------------------------------------------------|---------------------------------------|--------------------------------------------|----------------------------------------------------|--------------------------------------------|-----------|
| <b>Discipline: Mechanical Testing; Group: Soil &amp; Rock</b> |                                       |                                            |                                                    |                                            |           |
| 1                                                             | Rock                                  | Cerchar Abrasivity Index Test              | ASTM-D 7625                                        | 0 to 10                                    | Permanent |
| 2                                                             | Soil & Rock                           | Pressure Meter Test                        | IS 1892                                            | Pressure meter modulus<br>1 Mpa to 100 Mpa | Permanent |
|                                                               |                                       |                                            |                                                    | Limit pressure<br>0.1 Mpa to 20 Mpa        |           |
| 3                                                             | Soil & Rock                           | Pressure Meter Test (OYO Method)           | ASTM D 4719                                        | Pressure meter modulus<br>1 Mpa to 100 Mpa | Permanent |
|                                                               |                                       |                                            |                                                    | Limit pressure<br>0.1 Mpa to 20 Mpa        |           |
| 4                                                             | Rock                                  | Insitu Permeability Test in Rock           | IS 5529 (Part-2)                                   | $10^{-10}$ cm/s to $10^{-1}$ cm/s          | Permanent |
| 5                                                             | Soil & Rock                           | Seismic Refraction Test                    | IS 15681                                           | $V_p = 1$ m/s to 6000 m/s                  | Permanent |
| 6                                                             | Soil & Rock                           | 2D Electrical Resistivity Tomography (ERT) | ASTM D 6431- 18 / IS 1892 / IS 3043                | 0 ohm.m to 2000 ohm.m                      | Permanent |
| 7                                                             | Rock                                  | Petrography                                | BS EN 12407                                        | Qualitative                                | Permanent |
| 8                                                             | Soil & Rock                           | Cross Hole Seismic Test                    | ASTM D4428/D4428M-25                               | $V_p = 1$ m/s to 6000 m/s                  | Permanent |
|                                                               |                                       |                                            |                                                    | $V_s = 1$ m/s to 6000 m/s                  |           |
| 9                                                             | Soil & Rock                           | Down Hole Seismic Test                     | ASTM D4428M / ASTM D 7400 - 08                     | $V_p = 1$ m/s to 6000 m/s                  | Permanent |
|                                                               |                                       |                                            |                                                    | $V_s = 1$ m/s to 6000 m/s                  |           |