Laboratory Testing Services

- Precise measurements
- Prompt turnaround times
- High quality reporting and digital data
Geomechanica’s personnel have extensive rock laboratory testing experience, which enabled Geomechanica to begin offering rock testing services in 2015. These services provide clients with the data needed for the design and analyses of various civil and mining engineering projects.

From weak shales to hard crystalline rocks, Geomechanica offers a full array of standard rock mechanics laboratory testing services, including:

- Unconfined uniaxial compressive testing
- Triaxial confined compressive testing
- Brazilian disc tensile testing
- Direct shear testing
- Slake durability testing
- Cerchar abrasivity testing
- Point load testing
- ISRM indentation hardness testing

All specimen preparation and testing is performed in compliance with the relevant International Society for Rock Mechanics (ISRM) suggested methods or the American Society for Testing and Materials (ASTM) standards. As part of the standard testing report, clients receive the raw test data, including stress-strain and load-displacement data, in a digital format.