

AGAT Laboratories 

Geomechanical Services

AGAT's advanced core and material testing lab specializes in the evaluation of mechanical properties on a wide range of materials. With the most sophisticated instruments and dedicated specialists in the industry, AGAT Laboratories serves the oil and gas, mining, geotechnical and materials industries with routine and customized applications. Our specialists work directly with you to evaluate and solve the problems being faced today.

Testing programs include the evaluation of:

- Formation stress
- Mine and bench stability
- Borehole stability
- Cap rock integrity
- Hydraulic fracture behavior
- Geotechnical properties
- Material strength and failure analysis



We offer a comprehensive range of services that can be combined and customized to meet the specific goals and scope of each individual project.

Our services include:

- CT scanning
- Single & multistage compression testing
- Mohr Coulomb failure analysis
- Unconfined compressive strength testing
- Acoustic velocity measurements
- Direct shear testing
- Mechanical hardness profiling
- Nano- and micro-indentation
- Proppant embedment
- Fracture conductivity
- Fluid treatment effects
- Thermal effects on mechanical properties
- Soil and aggregate properties

For more information, please contact:

Core Analysis, Rock Mechanics, and Enhanced Exploration Services

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