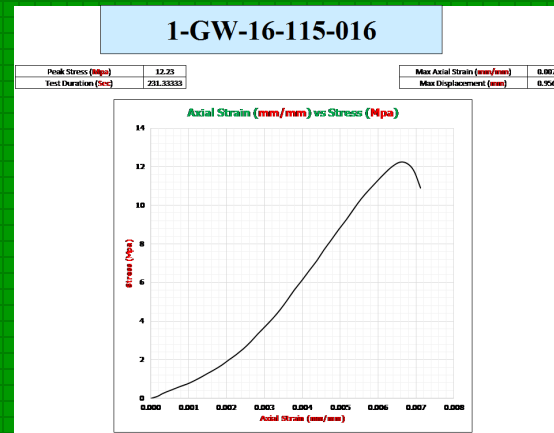
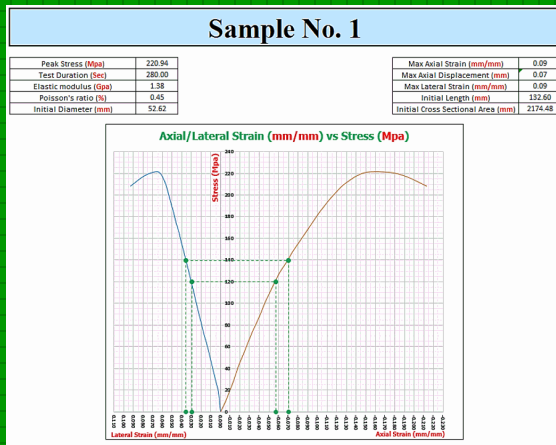




MISSOURI  
**S&T**



Please contact **Norbert Maerz** for details and costs.

Email: [norbert@mst.edu](mailto:norbert@mst.edu)

Phone: 573-341-6714

Website: [rockmech.mst.edu/services](http://rockmech.mst.edu/services)

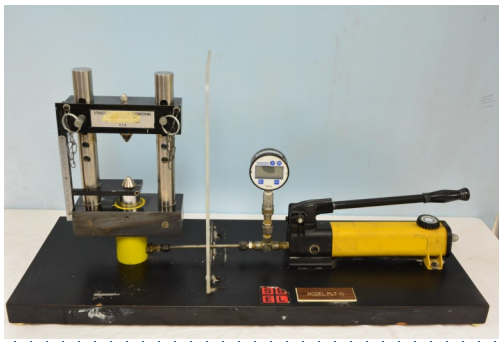
Rock Mechanics &  
Explosives Research Center  
Now Offers:

MISSOURI  
**S&T**  
University of  
Science & Technology

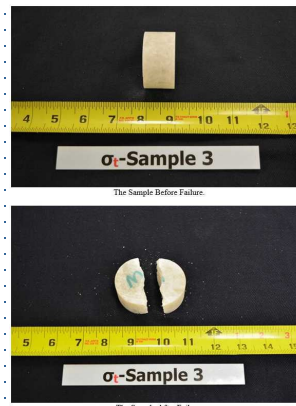
Rock Mechanics & Explosives  
Research Center

1006 Kingshighway  
Rolla, Mo 65409  
Phone: 573-341-4365  
[rockmech.mst.edu](http://rockmech.mst.edu)

Rock  
Testing  
Services



**Point load testing apparatus**



## We have the Experience:

RMERC facility undertakes Rock & Aggregate analysis for projects around the world and delivers the requested results through your selected method such as: (email, fax or even hardcopy). Key benefits of our laboratory testing services include: Led by highly-experienced engineers; Prompt response for periodic and/or specialized testing; Quick turnaround on testing large volumes of samples; All tests and procedures meet the ASTM standards; High precision results; Full professional deliverables including before & after photographs of samples; Very competitive prices. Consultancy is available before the lab testing begins.

## Our Capabilities:

Rock Mechanics & Explosives Research Center (RMERC) Rock/Aggregate Laboratory is fully equipped to test and evaluate Rock/aggregates and provides high quality results that can be used in designing procedure. At RMERC, the staff takes the requested services to the higher level of care. You just call, we listen and we take action. Primarily our personnel understand the construction industry needs and will add shifts as necessary to accommodate expedited testing. Our laboratory is capable of testing and preparing the following materials: Rock preparation and testing, aggregate preparation and testing.

### Typical Rock Tests Performed:

- Direct tensile strength
- Elastic moduli of intact rock core specimens in triaxial compression
- Elastic moduli of intact rock core specimens in uniaxial compression
- Evaluation of durability of rock for erosion control under wetting and drying conditions
- Point load index test
- Preparing rock core specimens and determining dimensional and shape tolerances
- Splitting (Brazilian) tensile strength of intact rock core specimens
- Total hardness (Schmidt hammer and Taber abrasion)
- Triaxial compression strength of undrained rock core specimens
- Specific gravity and absorption of rock
- Unconfined compression strength of intact rock core specimens
- Plus 17 aggregate tests

**No job too BIG or too Small, we are here to meet your specified needs!**