

Brian Asbury

- Research Associate and Manager, Earth Mechanics Institute, Mining Engineering Department, Colorado School of Mines



Brian Asbury: Teaching and Research

Academic Activities:

- Support of CSM Courses
 - MNGN 321 “Rock Mechanics Lab”
 - MNGN 210 “Introductory Mining”
 - MNGN 404 “Tunneling”
 - MNGN 414 “Mine Plant Design”
 - CSM 101

Research Activities:

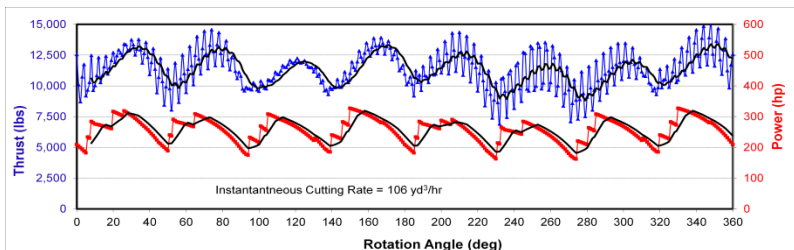
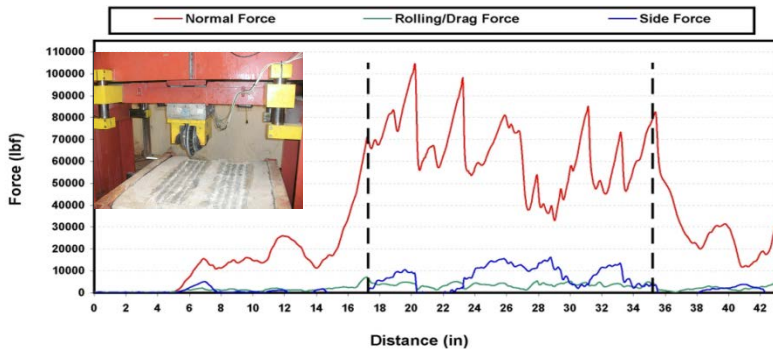
- Mechanical Excavation
- Water Jet Cutting
- Rock Mechanics

Mechanical Excavation

Areas of Research Expertise:

- Excavator Design, Cutting Optimization, Performance Prediction, Tool Development

Funded by: Herrenknecht, Intercontinental Potash, Kiewit, Joy Mining Machinery, Lawrence Livermore National Laboratory



Experimental Modeling

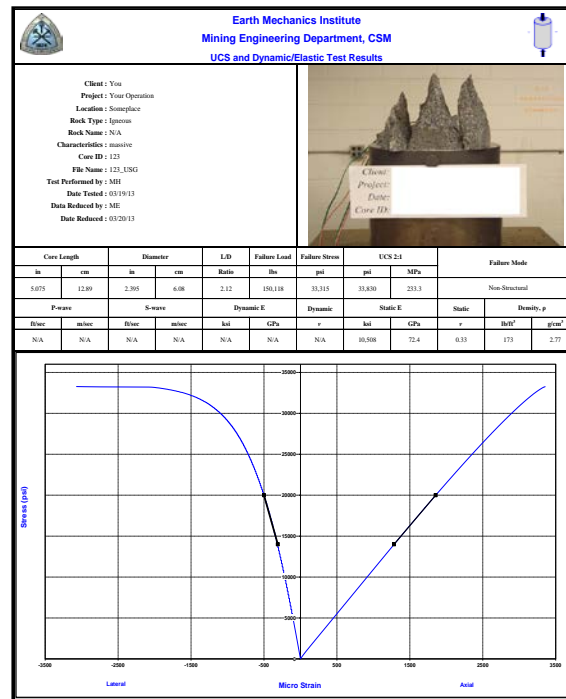
Implementation



Rock Mechanics

Testing and Analytical Support :

- Industry
 - Underground Construction
 - Mining
- Academics
- Government



Funded by:

- Corps of Engineers
- Robbins
- SRK
- URS
- FMI
- Vale
- Newmont
- JF Shea
- MidWest Mole
- Kiewit