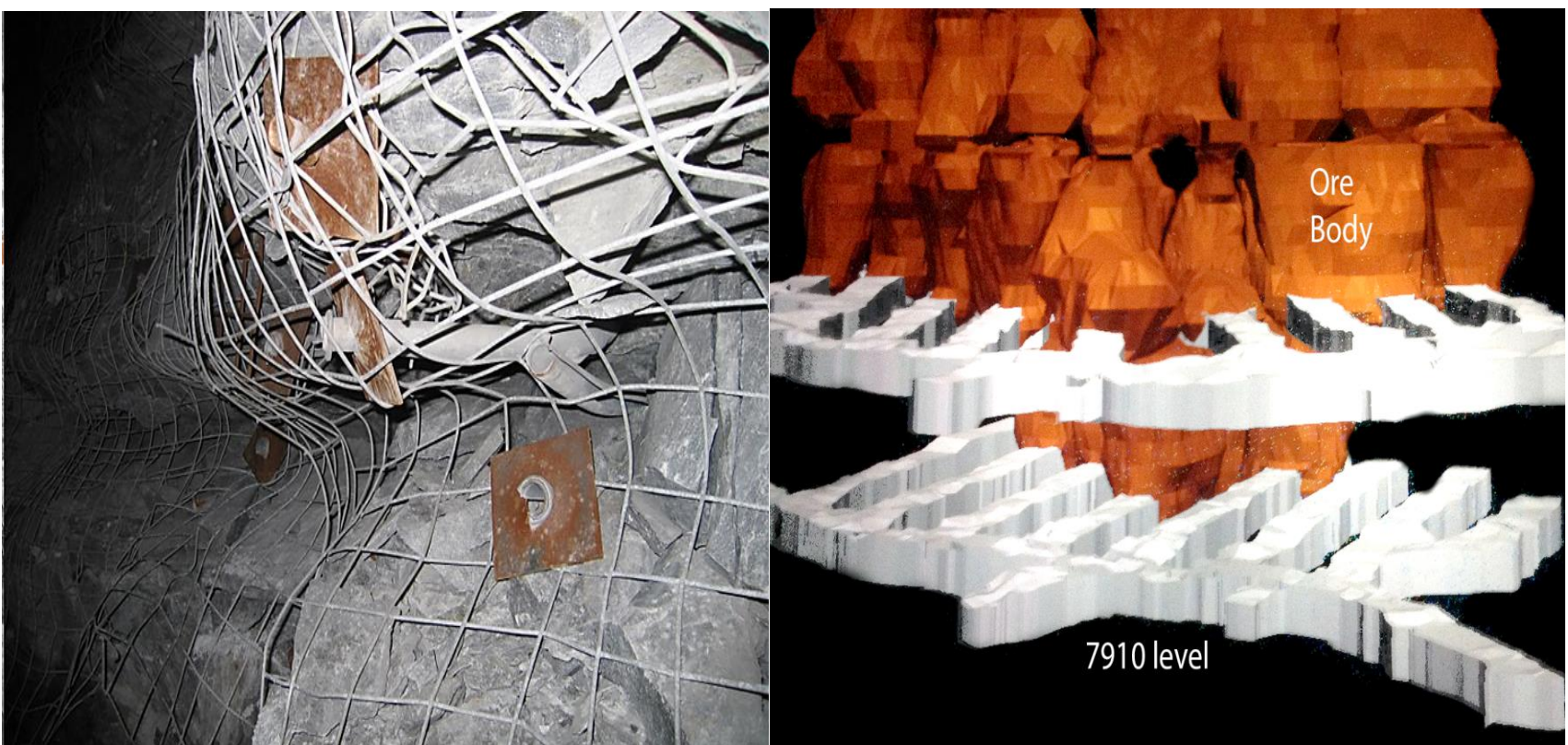


# Progressive Pillar Yield at 2.4 km Depth in the Creighton Mine

Dr. Gabriel Walton

Assistant professor, UC&T faculty, Colorado School of Mines

**WEDNESDAY, September 2<sup>nd</sup> at NOON in BB W210**  
Lunch Provided –



This talk will begin with a broad introduction to Dr. Walton's research interests and then focus in on an experiment conducted at the Creighton Mine in Sudbury, Canada. The purpose of the experiment was to examine how a deep mine pillar responded to increased loading induced by the mining process and to test the limits of continuum numerical models for replicating observed behavior.



**Dr. Gabe Walton** is an Assistant Professor at the Colorado School of Mines in the Department of Geology and Geological Engineering. He received a B.A.Sc. and Ph.D. in Geological Engineering, both from Queen's University in Kingston, Ontario, Canada. In addition to his academic experience, he has worked as a freelance consultant and with Mine Design Engineering, a small mining consulting firm. Dr. Walton's research interests include laboratory and field characterization of rocks and rock masses, numerical modelling of rock behavior at all scales, and engineering applications of geophysics and remote sensing.

Questions? Dig in with us at [uct.mines.edu](http://uct.mines.edu) or contact us [uct@mines.edu](mailto:uct@mines.edu)