

Rock Mechanics Engineer in Training

Expertise Geomechanics, Microseismics, Numerical Modeling

Education Bachelor of Engineering (Mining Engineering), 2018
Laurentian University, Sudbury, Ontario, Canada

Professional Experience

Sept 2020 – Present Itasca Consulting Canada Inc., Sudbury, Ontario, Canada
Rock Mechanics – EIT

Jan 2019 – Sept 2020 Alamos Gold Inc., Island Gold Mine, Dubreuilville, Ontario, Canada
Ground Control – EIT

May 2018 – Dec 2018 KGHM Morrison Deposit, Levack, Sudbury, Ontario, Canada
Ground Control Coordinator

May 2017 – Aug 2017 Kirkland Lake Gold Macassa, Kirkland Lake, Ontario, Canada
Technical Clerk

Project Experience

Itasca Consulting Canada Inc. – Performed numerical modeling and site observations for geotechnical projects.

Alamos Gold Inc., Island Gold Mine – Updated and wrote ground control processes and standards, performed day to day ground control tasks (general inspections, stope and backfill inspections), designed stope support (cable bolt design packages), updated and managed the Ground Control Logbook, worked with operations to perform geotechnical based investigations, assisted in writing the Ground Control Management Program, performed monthly quality control testing, managed the daily tasks and expansion of the microseismic system.

KGHM Morrison Deposit – Worked in the ground control department performing underground inspections, performing and keeping track of backfill testing, and performing quality control pull tests on different bolts and observed installation. Issued rehab prints and helped manage the microseismic system.

Kirkland Lake Gold Macassa – Worked with the geology and engineering departments using Deswick to repair block model solids with the purpose of turning a resource to a reserve. Worked with ground control, ventilation, and surveying departments both on surface and underground.