

## **Cinthia Maldonado**

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### **Geomechanical Engineer**

<b>Expertise</b>	Geomechanics, Microseismics, Numerical Modeling
<b>Education</b>	B.Eng. (Mining), 2018 Laurentian University, Sudbury, Ontario, Canada
<b>Registration</b>	Registered Professional Engineer in the province of Ontario, Canada

### **Professional Experience**

<i>2022 – Present</i>	Itasca Consulting Canada Inc., Sudbury, Ontario, Canada <i>Geomechanical Engineer</i>
<i>2020 – 2022</i>	Itasca Consulting Canada Inc., Sudbury, Ontario, Canada <i>Rock Mechanics – EIT</i>
<i>2019 – 2020</i>	Alamos Gold Inc., Island Gold Mine, Dubreuilville, Ontario, Canada <i>Ground Control – EIT</i>
<i>2018 – 2019</i>	KGHM Morrison Deposit, Levack, Sudbury, Ontario, Canada <i>Ground Control Coordinator</i>
<i>2017 – 2018</i>	Kirkland Lake Gold Macassa, Kirkland Lake, Ontario, Canada <i>Technical Clerk</i>

### **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.



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*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.