

## **Geomechanics Specialist**

Expertise Rock Mechanics, Numerical Modeling, FLAC3D-2D Software

**Education** Diploma in Environmental Management, 2022

Universidad de Santiago de Chile, Santiago, Chile

Diploma in Industrial Engineering, 2022

Federico Santa María University, Santiago, Chile

Degree in Mining Civil Engineering, 2021

Universidad de Santiago de Chile, Santiago, Chile

**Professional Experience** 

2023 – Present Itasca Chile SPA, Santiago, Chile

Geomechanics Specialist

**Professional Affiliations** Member: Chilean Rock Mechanics Society (SCMR)

## **Project Experience**

Numerical modeling applied to surface mining: Development of designs and analysis of slope stability, using software in two and three dimensions. Evaluation, by means of parametric model, of the improvement in the stability of the slope wall applying discharges that allow to have an improvement in the conditions of the slope. Evaluation of design alternatives to evaluate the expansion phases and evaluation of the final design conditions through a 2D analysis of the different sections of the pit.

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