

Geomechanics

Expertise 2D Slope Stability Analysis, Numeric Modelling and Consulting

Education Mining Civil Engineer, 2022
University of Santiago

Professional Experience

2025 – Present	Itasca Chile SpA, Chile Specialist Project Engineer
2022 – 2024	SRK, Chile Junior Geomechanical Engineer
2022 – 2022	SGS, Chile Specialist Engineer

Project Experience

Geomechanical Area: Input information analysis, key sections definition, 2D sections construction using Slide2 (limit equilibrium model) and RS2 (numeric model), limit equilibrium and numeric model results analysis, slope configuration re-design based on models results, geological model calibration, structural zones calibration and technical reports development.

3D numerical modelling construction in both underground and open pit mines using Griddle, and finite difference method models analysis using FLAC3D.