
Geology Project Specialist

Expertise Geology, Geotechnical Modelling, Structural Geology

Education Geologist, 2022
Universidad del Desarrollo, Santiago, Chile
Civil Engineering, 2015-2017
Universidad Adolfo Ibáñez, Santiago, Chile

Professional Experience

2023 – Present Itasca Chile SpA, Santiago, Chile
Geology Project Specialist

Project Experience

Geotechnical Modeling: Comprehensive review of the quality and reliability of various geotechnical parameters in drillhole and cell databases, including the generation of modeling databases. This is complemented by a review of structural domains to create zoning and structural trends in modeling, implicit modeling of geotechnical variables using Leapfrog Geo software, and analysis of modeling results through cross-validation of drillhole data and associated images.

University experience in mining projects: Professional internship in the QA/QC field on an advanced-stage mining exploration project involving diamond drilling. Thesis project conducted in rare earth elements exploration in northern Chile, including geochemical sampling and analysis, as well as geological mapping. Subsequent analysis of results.