Project Engineer

Expertise Mining Hydrogeology and numerical modelling.

Education Mining Engineer, 2017

Universidad Nacional Andrés Bello (UNAB), Santiago, Chile

Professional Experience

2017 - Present Itasca S.A., Santiago de Chile, Project Engineer 2016 Itasca S.A., Santiago de Chile, Thesis Student

Academic Experience

2012 - 2014 Assistant Professor:

• Petrology and Mineralogy

• General Geology and Structural Geology

• Material Resistance

Rocks Mechanics

For Mining Engineering Students

Universidad Nacional Andrés Bello (UNAB), Santiago, Chile

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Project Experience

Mining Hydrogeology: Experience in projects of hydrogeological numerical modelling in open pit and underground mining with MINEDW software.

- Calibration and sensitivity analysis of hydraulic parameters in numerical models.
- Development of an application to link *PEST* (a tool for automatic calibration) with *MINEDW* models.
- Conceptual and numerical analysis of the optimum distance between horizontal drains for depressurization systems.