
Principal Geology Consultant

Expertise Engineering Geologist, Geomechanics, Structural Geology, Implicit Models

Education M.S. (Project Management), 2018
Católica del Norte University, Chile

Diploma in Block Caving, 2013
Universidad de Chile

Engineering Geologist, 2002
Mayor de San Andrés University, Bolivia

Professional Experience

2023 – Present Itasca Chile SpA, Santiago, Chile
Principal Geology Consultant

2017 – 2023 Division Ministro Hales, Codelco, Chile
Geotechnical Superintendent
Geotechnical Characterization Project Manager
Senior Geotechnical Geologist

2010 – 2017 Division Chuquicamata, Codelco, Chile
Geotechnical Characterization Project Manager
Geotechnical Geologist

2010 – 2010 Derk Engineering and Geology, Chile
Geotechnical Geologist

2009 – 2010 IMG Ltda., Chile
Geotechnical Geologist

2008 – 2009 Division Codelco Norte, Codelco, Chile
Geotechnical Geologist

2007 – 2008 IMG Ltda., Chile
Geotechnical Geologist

2002 – 2007 Wellfield Services, Chile
Geologist

Project Experience

Geomechanics and structural geology short-, medium-, and long-term open pit mine and underground projects. Geotechnical and structural characterization, logging, and database validation. Construction of geotechnical and structural 3D models through implicit modeling methods. Design and field supervision of geotechnical and structural characterization drillhole campaigns. Support to geology, hydrogeology, and engineering teams for design, planning, and stability analysis.