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**Senior Consulting Geologist**

**Expertise** Structural geology and geotechnical, covering the full workflow from field-based data collection and processing to the construction of 3D geological models.

**Education** Geologist, 2008  
Universidad Católica del Norte, Antofagasta, Chile

BSc. of sciences, 2008  
Universidad Católica del Norte, Antofagasta, Chile

**Professional Experience**

2025 – Present	Itasca Chile SpA, Santiago, Chile Senior Consulting Geologist
2022 – 2025	Itasca Chile SpA, Santiago, Chile Consulting Geologist
2017 – 2022	DERK, Santiago, Chile Geotechnical and Structural Geologist
2012 – 2017	EJS Geología Estructural, Antofagasta, Chile Structural Geology Consultant

**Project Experience**

*Structural Geology:* Structural modeling of the Centinela District. Structural fault mapping in both oriented and non-oriented drill cores using acoustic and optical Televue tools. Design, management, and programming of geological databases; statistical processing and graphical analysis of pre-modeling and modeling-stage data using 3D software.

*Geotechnical:* Chuquicamata Mine. Detailed geological, structural, and geotechnical surveys to support mine operations. Geotechnical bench mapping for the characterization and zonation of rock mass strength and quality (e.g., GSI, RMR, IRS). Structural assessment to support blast planning and the development of mining layouts.