

CLAUDIO SCHULZ OLAVARRÍA

GEOLOGIST

MTR. INDUSTRIAL AND SYSTEMS ENGINEERING

CONTACT



Claudio Schulz Olavarría



B class driver (2016)



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Santiago de Chile

LANGUAGES



Spanish

Native



English

Intermediate

SOFTWARES

SIG & Geological modeling

ArcGIS ●●●●●

Leapfrog Geo ●●●●●

Vulcan ●●●●●

V. Modflow ●●●●●

Editing & design

AutoCAD ●●●●●

Adobe Illustrator ●●●●●

Bussiness & Management

Microsoft Office ●●●●●

Simio ●●●●●

Tableu (BI) ●●●●●

Programming

Python ●●●●●

Geological data management

AcQuire ●●●●●

MXDeposit ●●●●●

COMPETENCE

Responsibility - Resilience

Proactivity - Innovative

Teamworking

High mountain driver

PROFILE



Geologist graduated with academic excellence from the Universidad de Concepción, trained with an enormous scientific critical spirit. I have solid field experience in base geology, porphyry Cu-Au exploration and high sulphidation epithermals. In addition, I studied Master in Industrial Engineering, with focus on continuous improvement processes, agile methodologies, and innovation. I seek to develop myself in a leading innovation company, working in multidisciplinary teams for the future mining on challenging projects. I want to become a change agent, contributing assertiveness and commitment to my workmate team.

EXPERIENCE



January 2022 - Actually (ATEX Valeriano spa.)
Exploration geologist

- Geological and geotechnical DDH mapping.
- Supervise directional drilling program in the high Andes
- Construction / interpretation geological sections
- Implicit / Numerical modeling Cu-Au porphyry & epithermal system
- Hydrothermal characterization using hyperspectral images
- Surface geological mapping / structural fieldwork

August 2018 - January 2020 (Applied Economic Geology Institute)
Researcher - Thesis student

- Petrographic study of altered samples.
- Chlorite characterization from "El Teniente" green halos.
- EMPA & LA-ICP-MS analysis. Mineralogical identification using EDS & BSE.
- Determine major and minor elements in chlorite using WDS.
- Fieldscan logging for altered rocks using QUEMSCAN.

EDUCATION



2020 - 2022: Master's degree Industrial & Systems Engineering

Universidad del Desarrollo, Chile.

Thesis: Strategy for startups incorporation in mining Chilean industry.

2013 - 2020: Bachelor's degree Earth Sciences - Geologist -

Universidad de Concepción, Chile.

Research Project: Mineral chemistry for hydrothermal chlorites from the El Teniente deposit, Central Chile. Implications in exploration porphyry copper deposits

PAPERS



Schulz et al., 2021. Uso de la química de las cloritas hidrotermales en la exploración de depósitos tipo pórfido de Cu. Caso de estudio: El Teniente, Chile. (Inédito) Actas, XXI Congreso geológico argentino. Puerto Madryn, Argentina.

Ampuero et al., 2018 Caracterización isotópica mediante $\delta^{18}\text{O}$ y $\delta^2\text{H}$ de la zona inferior de la cuenca del río Biobío, VIII región, Chile. pyroclastic Flow Journal of Geology. Vol. 8, No. 1, p.1-5.