CLAUDIO SIERRA, Geologist.

HYDROGEOLOGIST

EDUCATION

B.Sc., Geology, Universidad Catolica del Norte, Chile, 2016

SUMMARY

Geologist graduate from "Universidad Católica del Norte", with more than 6 years of experience in applied hydrogeology, surface geological mapping, core drilling supervision DDH-RC, core samples logging for economic, geotechnical, and hydrogeological purpose at porphyry copper and IOCG deposits. Field activities leader and team coordinator. Field work involves hydrogeological activities such as pumping test, Lugeon, Lefranc, geotechnical SPT test, installation, and setup Vibrating Wire sensors (VWP). Office works includes development of compliance reports, conceptual models, mine dewatering and pore pressure reports, geological maps and sections, piezometry maps, hydrochemistry and isotopic data set analysisinterpretation and hydraulic test interpretation, 3D modelling, 2D - 3D pore pressure analysis and interpretation in complex structural environments related to mining industry and tailing deposits. I started as a Hydrogeologist in SLR since March 2025.

PROFESSIONAL HISTORY

2025 -present:	Hydrogeologist, SLR, Vancouver.
2023-2024:	Intermediate Hydrogeologist, Piteau Associates, Vancouver
2022-2023:	Hydrogeologist, Geoblast S.A. Chile.
2017-2022:	Junior to Intermediate Hydrogeologist, WSP Chile.

PROJECT EXPERIENCE

HYDROGEOLOGICAL CONSULTANT

Compañia minera Cerro Verde, Peru (2023-2024) FCX-SMM Cerro Verde

- Hydrochemical and isotopic characterization analysis in Linga/Enlozada Dam and mine sector generating quarter and annual reportability. Conceptual modelling.
- Support analysis to prepare ETRB 2023.
- Annual Isotopic report for mine site and Linga Dam.

Highland Valley Copper, Canada (2023-2024)Teck

• Pore pressure analysis in perched aquifer, supporting the slope conceptualization.

Compañía Minera Doña Inés de Collahuasi (2023-2024) (Anglo American- Glencore-Mitsui & Co)

• Field activities leader. Construction and rehabilitation pumping- monitoring wells. Vibrating wire piezometers install, setup and analysis. Technical reports, compliance reports to mining company.

Minera Escondida, Chile (2022) BHP.

• Vibrating wire sensors data analysis, and 2D- 3D equipotential distribution and pore pressure interpretation in Escondida Sur open pit. 3D pore pressure Leapfrog Model.

Quellaveco, Peru (2022) Anglo American.

- Drillholes distribution in dewatering 2023-2050 plan and analysis of Vibrating Wire sensors.
- Seep/W Sections.

Compañía Minera Caserones, Chile (2019-2022) Lumina Copper.

- Geological and hydrogeological data analysis and development of operational dewatering plan 2020 report.
- Development of middle-long term dewatering plan (2019-2022) report.
- Field geologist in dewatering campaign 2019-2020, installation of VWP sensors.

Compañía minera Maricunga, Chile (2019) Kinross.

• Field Geologist, drilling supervision and setup of monitoring Wells at Copiapó Volcano.

Compañía minera Carmen de Andacollo (2017-2019) Teck:

- Project Elqui- Pan de Azúcar numerical model update. Background geological and hydrogeological analysis, hydraulic data analysis and aquifer properties definition, 3D regional modelling.
- Project Integrated model 2017-2020 pit sector. Pore pressure, water level data analysis, interpretation, and evolution response to mining process useful to generate inputs to Geotechnical analysis and Geotechnical Review Board (GRB) presentations.

Compañía Minera Los Pelambres (2017-2019) AMSA:

- Analysis and interpretation of pore pressure and water level dynamic at Pelambres open pit. Development of 2D sections, piezometry, and inputs data to Geotechnical Review Board (GRB) 2019.
- Drilling supervision and setup of pumping Wells (RC) and monitoring Wells (DDH). Variable and constant rate pumping test, hydrochemical sampling. Drilling Supervision activities include geological-hydrogeological core samples logging, Pumping and monitoring wells drilling, hydrological constant rate- variable rate; Lefranc; Lugeon test.
- Conceptual model at El Mauro tailing damn, hydraulic barriers evaluation using hydraulicgeochemical and geophysical data.
- Geological mapping (1:10.000; 1:25.000; 1:50.000).

Research center and development in water resources. Tarapacá region, Chile. Centro de Investigación y Desarrollo en Recursos Hídricos – CIDERH (2016-2017)

Study of groundwater Flow of "Quebrada Camiña" from chemistry and isotopy analysis of water. Oxygen-Deuterium/H3 / S34 / C14 inorganic. Pre-grade Thesis.