

PERSONAL INFORMATION

Maria Clara Roman



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Sex Female | Date of birth 31/01/1986 | Nationality Argentinian. Spanish and Swiss residence

Research projects

- 2017-2019 **Master project fieldwork Ellatzite Med AD.**
Understanding of the mineralization with alteration style in a porphyry copper system. Cross-cutting relationship in veins. Core logging description and bench mapping with Anaconda method in the central part of the open pit. Extensive use of portable XRF including designing a new calibration. Dr. Kalin Kouzmanov
- 2014-2015 **Bachelor project GoldQuest**
Core studies and analyses of the mineralogy and geochemistry of selected samples. VHMS-Intermediate sulphidation deposit. Dr. Joaquin Proenza

EDUCATION AND TRAINING

- 2016-2019 **Master in Geology**
University of Geneva, Switzerland.
Specialization in Ore deposits, Geochemistry and Alpine Tectonics. Ore deposits, Geochemistry, Fluids in the Earth Crust, Alteration, Mineral textures, Fluid inclusions, Stable and Radiogenic isotopes, Volcanology, Quantitative tectonic, Microtectonic, Resource Economic and Mineral Exploration, Petrological processes in geodynamics Environments.
- 2012-2015 **Bachelor in Geology**
University of Barcelona. Spain.
Mineralogy, Structural Geology and Tectonics, Geomorphology, Igneous Petrology, Stratigraphy, Cartography, Geophysics, Historical and Regional Geology, Geological Prospecting and Geophysics, Hydrogeology, Integrated Geology of Subsoil, Geotechnical Investigation.
- 2001-2004 **High School and formation in Economy**
Instituto Paula Robles. Buenos Aires, Argentina.
General economy and administration of small and medium business.

PERSONAL SKILLS

Mother tongue Spanish

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Catalan	B2	B2	B2	B2	B2
French	A2	A1	A1	A1	A1

Communication skills Good communication skills gained through my experiences in the field and mines.

Organisational / managerial skills Member of the board (President, secretary, treasurer) of the Student chapters of Barcelona (SGA-SEG) and Switzerland (SEG).

Job-related skills	Adaptability to work in multicultural environments and with different type of persons.
Computer skills	Very good command of Microsoft Office™ tools. Very good command of vector graphics programs like Adobe Illustrator and Corel Draw. Basic command of additional, field related programs like Global Mapper, ArcGis, Surfer, GEOorient, Kingdom-Suite, Move, Matlab, Leapfrog, and ioGAS.
Technical skills	Knowledge in hydrothermal alteration in Porphyry Copper systems and VHMS deposits. Knowledge in core logging description. Knowledge in Anaconda bench mapping and general geological mapping. Knowledge in relative timing in veins in Porphyry Copper systems. Knowledge in portable magnetometer, GPS, and pXRF. Knowledge in drilling campaign. Knowledge of X-Ray Diffraction (XRD) sample preparation and interpretation. Knowledge of stable isotopes sample preparation. Knowledge of interpretation of Electron Microprobe Analysis (EMPA). Knowledge in trace elements as a vector tools in the exploration of Porphyry Copper deposits.
Driving licence	▪ B1
Presentations	The Romero Cu-Au-Zn deposits, Cordillera Central, Dominican Republic: Preliminary data on the mineralogy and geochemistry of mineralization. 13 th SGA Biennial Meeting Nancy-France- 24-27 August, 2015. Hydrothermal alteration in the Elatsite Porphyry Cu-Au-PGE deposit, Bulgaria: a quantitative mineralogy and mineral geochemistry study. Journée Métallogénique. ETH Zurich. March, 2018 Comparative study of XRF and pXRF analysis and application in hydrothermal alteration geochemistry: The Elatsite porphyry Cu-Au-PGE deposit, Bulgaria. Swiss Geoscience Congress, 1 st December, 2018.
Seminars	SGA Workshop on Gold in the epithermal environment. University of Barcelona. Antonio Arribas, Joan Carles Melgarejo i Draper, Antoni Camprubí. Porphyry Copper deposits: From the bottom to the top. University of Geneva. Richard Sillitoe.
Honours and awards	Excellence Master Fellowship (University of Geneva). (30.000 CHF). Fondation Augustin Lombard & Académie des Sciences Naturelles de Suisse (ASCN). (1500 CHF). Student Research Grant. Society Economic Geologist (SEG).(1800 USD).
Hobbies and others	<hr/> Second manager delivery restaurant. ElSalad. 2017-2019. Switzerland Cashier and sale assistance. MANGO. 2015-2016. Barcelona Secretary and administrator. Atollsolutions 2008-2012. Argentina Advance Open Water Diver. PADI. Nitrox 40% SSI MERCOSUR member (Argentina)