

Juan Sebastian Rodriguez Rinta

● WORK EXPERIENCE

METALLOGENY RESEARCH GROUP, COLOMBIAN GEOLOGICAL SURVEY – BOGOTA, COLOMBIA

GEOLOGIST – 01/08/2023 – 04/09/2024

- Conducting fieldwork (geological mapping with an emphasis on mercury mineralizations and associated ore minerals).
- Investigating the metallogeny of mercury occurrences in municipalities of Caldas, Colombia, to support Medical Geology and Geochemistry research in the area.

ORE-MINERAL AREAS OF INTEREST RESEARCH PROJECT, NATIONAL UNIVERSITY OF COLOMBIA – BOGOTA, COLOMBIA

GEOLOGIST – 01/11/2022 – 01/02/2023

- Leading the processing and interpretation of near-infrared spectrometry data, compiling information from the areas of interest in the attached and final reports.
- Conducting petrographic and metallographic analysis of polished thin sections of rock and pan concentrates, as well as assisting in the review and correction of these.

NATIONAL UNIVERSITY OF COLOMBIA/SOUTH32 – BOGOTA, COLOMBIA

GEOLOGIST – 01/06/2022 – 01/07/2022

- Performing petrographic and metallographic analysis on polished thin sections of rock.
- Communicating the results through oral presentations to exploration team stakeholders.

GOLD FINGERPRINT RESEARCH PROJECT, NATIONAL UNIVERSITY OF COLOMBIA – BOGOTA, COLOMBIA

GEOLOGIST – 01/12/2021 – 01/12/2022

- Coordinate and conduct sample preparation for the measurement and analysis of data in near-infrared spectroscopy for hydrothermal alterations.
- Analyze polished thin sections and complete formats for transmitted and reflected light petrography on rock samples, with emphasis on describing gangue minerals, ore, and hydrothermal alteration involved in gold mineralizations.
- Support the compilation of information in written reports.

ORE-MINERAL AREAS OF INTEREST RESEARCH PROJECT, NATIONAL UNIVERSITY OF COLOMBIA – BOGOTA, COLOMBIA

GEOLOGIST – 01/08/2021 – 01/11/2021

- Conducting fieldwork (geological mapping with an emphasis on ore occurrences, hydrothermal alteration, structures, etc.).
- Leading the processing and interpretation of near-infrared spectrometry data, compiling information from the areas of interest in the attached and final reports.
- Performing petrographic and metallographic analysis on polished thin sections of rock and pan concentrates, as well as assisting in the review and correction of these.

CENTRO DE FORMACIÓN Y RESPUESTAS INTEGRALES A LA VANGUARDIA - CEFORIV SAS – VILLAVICENCIO, COLOMBIA

ADMINISTRATIVE ASSISTANT – 01/01/2021 – 01/07/2021

- Supporting trainers and instructors in safety training as a safety assistant, in addition to verifying and qualifying the learning process.
- Creating and evaluating the functionality of Occupational Health and Safety Management System formats and documents.
- Conducting maintenance and inspection of fall protection and confined space equipment.

GOLD FINGERPRINT RESEARCH PROJECT, NATIONAL UNIVERSITY OF COLOMBIA – BOGOTA, COLOMBIA

- Coordinate and carry out the preparation of samples for the measurement and analysis of points in near-infrared spectroscopy for hydrothermal alterations
- Analyze polished thin sections and complete formats for transmitted and reflected light petrography on rock samples, with emphasis on gold mineralizations.
- Support the compilation of information in written reports.

EDUCATION AND TRAINING

02/10/2024 – CURRENT Padua, Italy

MASTER IN GEOPHYSICS FOR NATURAL RISKS AND RESOURCES University of Padua

Website <https://www.unipd.it/>

01/08/2023 – 25/07/2024 Bogota, Colombia

SPECIALIZATION IN OCCUPATIONAL HYGIENE, SAFETY, AND HEALTH Universidad Distrital Francisco José de Caldas

Website <https://www.udistrital.edu.co/inicio>

06/08/2013 – 25/07/2019 Bogota, Colombia

BACHELOR'S DEGREE IN GEOLOGY Universidad Nacional de Colombia

Website <https://unal.edu.co/>

LANGUAGE SKILLS

Mother tongue(s): **SPANISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
ITALIAN	B1	B1	A2	A2	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Python | SQL | GIS | Microsoft Office | Git | Adobe Illustrator | Matlab

CONFERENCES AND SEMINARS

10/08/2018 – 13/08/2018 Colombia

Mineralization events in rocks of La Llanada municipality, Nariño: Paragenetic sequence and mineral chemistry

Oral presentation of my thesis results "Mineralization events in rocks of La Llanada municipality, Nariño: Paragenetic sequence and mineral chemistry" at the XVII Colombian Congress of Geology.

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