



Field Trip Itinerary (Preliminary)

FT02 - Porphyry-Epithermal Ore Deposits of Northern Chile

www.seg2019.org/field-trips.html#2

Date: September 29 - October 5, 2019

Location: Departing from and returning to Antofagasta, Chile

Leader: William X. Chávez, Jr.
(wxchavez@msn.com)

Language: English and Spanish

Included: Double-occupancy lodging for five nights, breakfasts and some lunches; bus transportation to/from Antofagasta mines, course certificate.

Not Included: Dinners, some lunches, airfare, single-occupancy lodging, taxi/shuttle travel, miscellaneous expenses.



This field trip will visit the Chuquicamata and Centinela districts and review classic supergene-enriched, exotic copper, porphyry copper-gold, and high sulfidation-porphyry relationships. Review of drill core and on-site discussions with mine geologists are complemented by application of activity diagrams to explain and interpret the geochemistry of porphyry-epithermal alteration-mineralization assemblages. Afternoon "take-away" sessions allow follow-up discussions of our observations and questions in a group setting. This trip is appropriate for exploration and mine geologists, and graduate students interested in the application of geochemistry to porphyry-epithermal ore targeting.

Participants must provide their complete names as shown on passport, passport numbers, and country of passport issue; this complete information **MUST** be sent to wxchavez@msn.com no later than September 1, 2019. Safety gear required by all participants consists of hardhat, reflective vest, gloves, eye protection, STEEL-TOE boots, long pants, and long-sleeve shirts. These items need to be brought with the participant, as there will be no time to purchase these items during the course.

Please also bring any prescription medicines and the prescriptions for those medicines; you will need to complete a form dealing with Medical Contacts prior to participation in this course.



Weather during late-September in northern Chile is temperate, with warm days and cool nights; please prepare accordingly. Sun protection (caps, sunscreen, lip balms, bandanas, sunglasses) are highly recommended.

Participants are responsible for their air transportation, visa requirements, and Chilean currency exchange. Attendance to the *Safety and Logistics Meeting* in Antofagasta on September 29 is required.

Itinerary

Day 1 - Sunday, September 29, 2019

- 7:00pm: Safety and Logistics Meeting, course content, itinerary.

Accommodation

Holiday Inn Express, Antofagasta

Day 2 - Monday, September 30, 2019

- 6:30am: Depart for Antucoya CuOx. Travel to Calama for overnight.

Day 3 - Tuesday, October 1, 2019

- 6:30am: Depart for El Abra porphyry Cu-Mo system. Overnight in Calama.

Day 4 - Wednesday, October 2, 2019

- 7:00am: Depart for Chuquicamata Cu-Mo porphyry system. Overnight in Calama.

Day 5 - Thursday, October 3, 2019

- 6:30am: Depart for Centinela Cu-Mo porphyry system. Overnight in Antofagasta.

Day 6 - Friday, October 4, 2019

- 8:30am: Depart for Comahue andesite-hosted CuOx deposit. Overnight Antofagasta.
- 7:00pm: Course Ends. Participants may plan departure from Antofagasta.

SEG 2019



SANTIAGO
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South American Metallogeny: Sierra to Craton
October 7-10, 2019

Contact Information

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