



SEG 2017 Field Trip Itinerary

FTo9 - Giant W-Cu, Sn, and Pb-Zn Deposits, NW Jiangxi Province

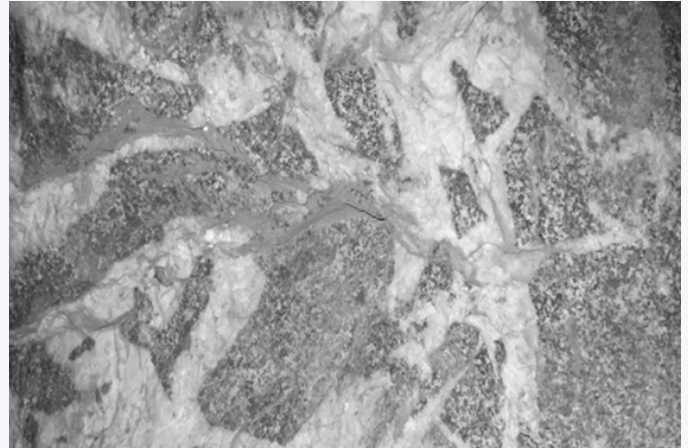
Date: September 21-26, 2017

Location: Departing from and returning to *Nanchang, China*

Leaders: Shao-Yong Jiang and Xinkui Xiang

Flights/Airfare: Not included in cost of trip

Accommodation, Food, Local Ground Transport: Included



This field trip will introduce participants to the geology and mineralization in northwestern Jiangxi Province, south China. We

will visit the newly discovered giant Dahutang W-Cu deposits (Shimensi, Dalingshang, Shiweidong), the giant Pengshan Sn-Pb-Zn deposits (Zengjialong, Jianfengpo), and the Yangchuling W-Mo deposit.

These deposits are all related to Mesozoic granitic intrusions. Participants will visit open pit operations, underground mines, and examine drill core samples. Different types of magmatic rocks and hydrothermal alteration assemblages are widely developed in these deposits, and will be examined and compared. Ore types in the Dahutang W-Cu deposits include disseminated, veinlet, large quartz vein, greisen and hydrothermal breccia mineralization styles. Ore minerals are wolframite, scheelite, chalcopyrite, and molybdenite. In the Pengshan Sn-Pb-Zn deposits, ore types consist of stratiform skarn, greisens, and quartz veins. Ore minerals are cassiterite, sphalerite, and galena. The Yangchuling deposit is a porphyry type W-Mo deposit and the ore types are mainly stockworks and disseminations. The ore minerals are dominated by scheelite and molybdenite.

Each participant needs to book their own flight from Beijing to Nanchang on September 21, and we will pick up all participants at ca. 14:30 at the exit hall in the Nanchang ChangBei International Airport. We recommend the following three airline flights: CA1511 (11:55 Beijing → 14:15 Nanchang), HU7525 (11:45 Beijing → 14:15 Nanchang), MU5174 (10:35 Beijing → 13:10 Nanchang). Other morning flights are also ok, but you will need to wait at the airport for a longer time, e.g., HU7793 (08:05 Beijing → 10:35 Nanchang) and CA1573 (07:25 Beijing → 09:55 Nanchang).

Day 1 - Thursday, September 21, 2017

- Prior to 14:30: All participants arrive at the Nanchang ChangBei International Airport
- 15:00: Depart from the airport for Wuning County (approx. 3 hour drive)
- 18:30: Welcome dinner at Wuning Hotel
- 20:00: Evening introductory presentations

Accommodation

Hotel (TBD) in Wuning County

Day 2 - Friday, September 22, 2017

Shimensi W-Cu Deposit in the Dahutang Ore District

- 07:00 - 09:00: Drive to the Shimensi W-Cu deposit
- 09:00 - 12:30: Underground visit
- 12:30 - 13:30: Lunch
- 13:30 - 17:00: Open pit visit
- 17:00 - 19:00: Drive to the hotel

Accommodation

Hotel (TBD) in Wuning County

Day 3 - Saturday, September 23, 2017

Dalingshang and Shiweidong W-Cu Deposits in the Dahutang Ore District

- 07:00 - 9:30: Drive to the Dalingshang deposit
- 09:30 - 12:30: Outcrop and underground visit at the Dalingshang deposit
- 12:30 - 13:30: Lunch
- 13:30 - 16:00: Drill core observations at the Shiweidong deposit
- 16:00 - 19:00: Drive to De'an County and stay overnight at the De'an Hotel

Accommodation

De'an Hotel

Day 4 - Sunday, September 24, 2017

Pengshan Sn-Pb-Zn Deposits

- 07:00 - 9:00: Drive to the Jianfengpo Sn-Pb-Zn deposit in the Pengshan ore district
- 09:00 - 12:30: Underground visit
- 12:30 - 13:30: Lunch
- 13:30 - 14:30: Drive to the Zengjialong Sn-Pb-Zn deposit in the Pengshan ore district
- 14:30 - 17:00: Underground visit or drill core observation
- 17:00 - 19:00: Drive to the hotel

Accommodation

De'an Hotel

Day 5 - Monday, September 25, 2017

Yangchuling W-Mo Deposits

- 07:00 - 9:30: Drive to the Yangchuling W-Mo deposit
- 09:30 - 12:30: Open pit visit
- 12:30 - 13:30: Lunch
- 13:30 - 16:30: Open pit visit
- 16:30 - 18:00: Drive to Nanchang City (participants can take evening train or flight to leave, or can stay overnight at Nanchang and leave on the morning of September 26)

Accommodation

Hotel (TBD) in Nanchang City

Day 6 - Tuesday, September 26, 2017

Leave for Home

Leaders

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