



SEG 2017
Beijing, China



Ore Deposits of Asia: China and Beyond

September 17-20, 2017 ★ Beijing, China



SEG 2017 Field Trip Itinerary

FTo2 - Epithermal Au Mineralization and Associated Hydrothermal Alteration in Southern Kyushu

Date: September 10-16, 2017

Location: Departing from and returning to the *Kagoshima Airport*

Leader: Yasushi Watanabe

Flights/Airfare: Not included in cost of trip



This field trip aims to observe young-age epithermal gold mineralization and associated hydrothermal alteration in the Southern Kyushu epithermal Au province of the Ryukyu volcanic arc. The area includes 19 epithermal Au deposits which are classified into low-sulfidation (LS) and high-sulfidation (HS) types.

The field trip starts from the visits to the Iriki kaolinite deposit and Kanmuridake advanced argillic alteration (September 11), which are shallow parts of typical LS and HS systems, respectively. Then we will visit the Kasuga and Akeshi Mines (September 12), which were the classic examples of HS systems when the classification of HS and LS endmembers were recognized.

Next, we will see an active geothermal system at Yamakawa geothermal plant related to the intrusion of a dacite dike and experience heat by taking sand bath near the beach (September 13). We also plan to visit Miocene age reduced granite and associated Sn mineralization or lava flows from Sakurajima Volcano (depending the activity of the volcano) (September 14).

The highlight of the trip is the visit of the Hishikari LS Mine (September 15), which is characterized by very high grade Au veins (about 40g/t on average). We will go to underground operation site to observe and collect samples. After this visit, we will see the Shishimano Dacite, which is considered to be magmatic activity related to the mineralization at Hishikari.

Finally we will see some volcanic centers in the Kirishima volcanoes to compare the modern and ancient magmatic-hydrothermal examples (September 15).

Note: Includes accommodation, food, and local ground transport. Does not include any flights.

Day 1 - Sunday, September 10, 2017

- Prior to 17:00: All participants arrive at Kagoshima Airport and leaders will be transport you to the Hayamizuso Hotel
- 6:00pm: Welcome and logistics meeting in hotel dining room and a field trip introduction by the leaders

Accommodation

Hayamizu-so, Kawakita 2280-14, Hishikari, Isa, Kagoshima 895-2708, Japan
0995-26-1141

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Day 2 - Monday, September 11, 2017

Accommodation

Sanossa-so, Nagasaki-cho 101, Ichiki-Kushikino, Kagoshima, Japan
0996-32-4177

Day 3 - Tuesday, September 12, 2017

Accommodation

Green Hotel Fukuzumi, 189 Iwato, Makurazaki, Kagoshima 898-0058m Japan
0993-72-0200

Day 4 - Wednesday, September 13, 2017

Accommodation

Kyukamura Ibusuki, 10445 Toho, Ibusuki, Kagoshima, 891-0404, Japan
0993-22-3211

Day 5 - Thursday, September 14, 2017

Accommodation

Hayamizu-so, Kawakita 2280-14, Hishikari, Isa, Kagoshima 895-2708, Japan
0995-26-1141

Day 6 - Friday, September 15, 2017

Accommodation

Hayamizu-so, Kawakita 2280-14, Hishikari, Isa, Kagoshima 895-2708, Japan
0995-26-1141

Flight Information

All flights to and from Kagoshima for the field trip are not included and participants are not required to book their own flights.

Flight Options

Sunday, September 10, 2017: *Haneda, Tokyo to Kagoshima*

- Flight JAL641 - 06:25 - 08:10
- Flight JAL643 - 08:05 - 09:50
- Flight ANA3773 - 10:00 - 11:45
- Flight JAL645 - 10:05 - 11:55
- Flight JAL647 - 11:45 - 13:30
- Flight ANA623 - 12:00 - 13:45
- Flight ANA625 - 13:50 - 15:30
- Flight JAL649 - 13:20 - 15:05

Friday, September 16, 2017: *Kagoshima to Haneda, Tokyo*

- Flight ANA3772 - 07:25 - 09:15
- Flight JAL640 - 07:40 - 09:20
- Flight ANA620 - 08:00 - 09:45
- Flight ANA622 - 09:05 - 10:50
- Flight JAL642 - 09:20 - 11:00
- Flight JAL644 - 10:50 - 12:30
- Flight ANA3774 - 10:55 - 12:35
- Flight ANA624 - 11:25 - 13:10

Leaders

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