

# BCIT and the Association for Mineral Exploration BC

## Mine 1005 Prospecting and Exploration Field School

### IMPORTANT INFORMATION & EQUIPMENT LIST – 2012

Note: Details are subject to change.

#### **Required Level of Physical Fitness**

This field school involves walking and hiking over moderately hilly, and occasionally steep, terrain. Most of the field sites are in low elevation areas of the Okanagan Valley which can get very hot in the middle of May. Some days will require us to spend up to 8 hours outside in the field, walking and working around semi-exposed hillsides. Expect to spend time in the field regardless of rain, cold or heat (within reason, of course).

**All students should feel comfortable working in these conditions. If you are concerned about your level of physical fitness or ability to work outdoors, or if you have a medical condition that may affect your ability to work in the conditions outlined, please contact Russell Hartlaub at BCIT (604-456-1094; [Russell\\_Hartlaub@bcit.ca](mailto:Russell_Hartlaub@bcit.ca)).**

#### **Dates and Times**

**Arrival:** Students are expected to arrive in Oliver B.C. by 7:00 pm on Thursday May 10<sup>th</sup>, 2012.

- Meals are not provided. Most rooms have kitchenettes and barbecues are available. It is expected that students will bring food to prepare their own meals and lunches.

**Departure:** The field school ends before noon on Friday May 18th. All students should prepare to leave by noon.

**Course Schedule:** On most days the schedule will be:

- 8:00-5:00 Lectures and field activities, bring lunch for in the field.
- 5:00-7:00 Break for dinner
- 7:00-9:00 Discussion, lectures.

#### **Food and cooking**

Meals are not provided. Please bring appropriate provisions to make your own meals. There are kitchenettes in most of the rooms. Groceries can be obtained in Oliver, however you should ensure that you arrive with at least a few days of supplies. Please also bring items to make lunches.

#### **Accommodations (Maple Leaf Motel and RV park – (tentative)**

We will be staying at the Maple Leaf Motel and RV camp located just outside Oliver, BC in the Okanagan Valley. The rooms are equipped with individual beds in shared rooms. In most cases it will be 2 or 3 people to a room. However, we may be able to accommodate single rooms if required (**Note:** the single rooms do not have kitchenettes and there will be an additional charge). The motel is equipped with hot and cold running

water, showers, TV's, telephones, and a large fire pit. All students are expected to stay at the Maple Leaf Motel and RV park. For additional details see the following website:

[www.mapleleafmotel.ca/index](http://www.mapleleafmotel.ca/index)

A hospital is nearby in Oliver, and an RCMP detachment. Please bring your Health Care Card, in case of emergency.

### **Directions**

Once in the Okanagan Valley, take Highway 97 south from Penticton, or north from Osoyoos to Oliver. The Maple Leaf Motel is located 2 km south of Oliver on the east side of HWY #97 (On the left hand side of the hwy if driving south). The motel is 10 km north of Osoyoos on HWY #97. **The phone number at the motel is 250-498-3584.**

There is ample parking.

If you require a ride from Vancouver, please contact Russell Hartlaub to make arrangements.

### **Weather Conditions**

The southern Okanagan Valley is a dry, desert environment. Days are typically hot and dry, and nights, cool but comfortable. Although we can generally expect early summer weather, be prepared for both very hot and cool weather.

The average temperature for Oliver in the middle of May is a daytime high of 22°C and a night-time low of 6°C.

### **Equipment List**

Make sure you come prepared with the appropriate personal and field gear (see list below). *We cannot stress enough, the importance of good sturdy field boots.* If you are buying new boots, spend a few days “breaking in” the boots before coming to field school.

If you want an estimate of the cost of some of the geological/prospecting equipment on our list, take a look at the website for Deakin Equipment ([www.deakin.com](http://www.deakin.com)) or Neville Crosby (<http://www.esupplyshop.com/>). Tell them you are a BCIT mining student and you may get a discount.

### **Personal**

- Good solid hiking or work boots (leather) (no runners for field work)
- Clothing for both hot and cold weather, for 8 days without washing (make sure to bring comfortable clothing for evenings in the camp).
- Personal hygiene items
- Rain gear (waterproof, breathable)
- Hat
- Gloves (work gloves, possibly for warmth, as well)
- Sunglasses
- Wrist or pocket watch
- Day pack ( big enough to hold extra clothing, rain gear, rock samples, lunch and water)

- Pocket first-aid kit
- Bug repellent
- Sunscreen and lip balm
- Water bottle
- Any required medication
- Spare prescription glasses (optional)
- Camera (optional)
- Binoculars (optional)
- Rock and mineral guide (optional)

### Geological

- Rock hammer (pointed-end variety)
- Safety glasses or prescription glasses (required)
- Hand lens (10x or better, on a string)
- Pocket knife (swiss army style)
- Pen magnet
- Large permanent black marker (chisel tip)
- Pencils, eraser, colour pencils (8-16 colours)
- Douglas protractor (square navigational)
- Clipboard (optional)
- Small ruler or scale bar (metric scale bar)

If you have any questions or concerns, please do not hesitate to contact Russell Hartlaub at BCIT (604-456-1094; [Russell\\_Hartlaub@bcit.ca](mailto:Russell_Hartlaub@bcit.ca))