

SUPPLY LIST FOR PRECAMBRIAN FIELD CAMP

Geology Field Gear

- Backpack (rugged enough to carry up to 30 lbs of rock)
- Triplet hand lens (10x)
- Hammer w/ belt holster (2-3 lb. “blacksmith” sledge is best for crystalline rocks)
- Orienteering compass (Silva (see attached image), Suunto,...)



- Notebook/pencil pouch (should hold 5”x7” notebook and 4-6 pencils)
- Mechanical pencils (bring several 0.5mm pencils and extra leads)
- Field hat (short brimmed canvas hat best in woods; e.g. Tilley hat)
- Rain gear (separate jacket and pants; do not use expensive gear as it will get torn)
- Waterproof hiking boots
- Bandana
- Water bottle(s) (2qts minimum)
- Watch
- Small flashlight
- Pocket knife
- Emergency blanket (aluminized polyester or mylar)
- Small first aid kit
- Waterproof matches
- Insect repellent (lotion or spray; 20-30% DEET)
- Sunscreen (15-30 SPF)

Optional

- Field vest (canvas or cordua nylon fabric is best; may not need notebook/pencil pouch)

Will be Supplied

- Brunton compass
- GPS units
- Digital cameras
- Jump drives
- Photo scale cards
- Sample bags
- Field notebook
- Pen magnet
- Acid bottle
- Colored pencils
- Map board
- Flagging tape

Geological Supply Websites

Miners - <http://www.minerox.com>

Chaltrek - <http://www.chaltrek.com>

CGS Mule - <http://www.cgsmule.com>

Forestry Suppliers - <http://www.forestry-suppliers.com>

Personal Gear

Sleeping Bag (rated to 20°F)

Sleeping pad or cot (for camping)

Pillow

Radio alarm clock

Bedding for twin beds at Vermilion Comm. College dorms; may substitute sleeping bag if you prefer (bedding will be provided at UMD)

Towels - for bathing and swimming; towels will be provided at UMD dorms

Toiletries - toothpaste, toothbrush, deodorant, shampoo, hand soap, ...

Medications - Tylenol, cold medicine, Benadryl

Field clothing - long pants and long sleeved shirts are recommended for summer field work in northern Minnesota forests; for some projects, shorts and T-shirts may be OK, but these are the exceptions.

Window or desk fan (optional) – Dormitories are NOT air conditioned and some days can get quite warm.

Tent (optional) - 2-4 person, lightweight; for possible use during Capstone Mapping Project

Sports and Recreational Equipment (optional)

Sportsgear - baseball mitt, hacky sack, frisbee,...(sportsgear for volleyball (ball and net) and softball (balls and bats) will be provided)

Sportswear - athletic shoes, shorts, T-shirts

Fishing gear (will need MN license)

Musical instrument - guitar, harmonica, ...

Games - playing cards, small boardgames, hand-held video game players

Music players (iPods, CD players...)

Camera for personal use (digital cameras will be supplied for field exercises)

Laptop computer - wireless access is available at UMD and VCC for personal laptops (if you do not have a laptop, computers will be available throughout camp)