LAB 1

DUE WEDNESDAY, JANUARY 25th
TO BE INCLUDED: Full pit profile
              Lab questions

1. HOW DID YOU CHOOSE THE LOCATION TO DIG YOUR PIT? DO
    YOU THINK IT IS REPRESENATIVE OF SURROUNDING SLOPES?
    HOW IS THIS LOCATION DIFFERENT FROM THE WHITE PINE PIT
    LAST WEEK?

2. DESCRIBE THE STRUCTURE OF YOUR SNOWPACK. DO YOU HAVE
    A LAYER OF CONCERN? WHY? WHAT KIND OF AVALANCHE
    (SLAB, LOOSE, WET) COULD THIS LAYER CAUSE?

3. IN THE BLANK SPACE, WRITE THE SNOW CLASSIFICATION SYMBOL FOR THE FOLLOWING CRYSTAL TYPES:

    FACETS: _____   ROUNDS: _____   DECOMPOSING: _____

    NEW PRECIPITATION: _____   WET GRAINS: _____

    SUN CRUST: _____   SLUSH: _____   ICE CRUST: _____

4. HOW WOULD YOU DOCUMENT THE FOLLOWING STABILITY TEST SCORES?

    A shovel sheer with a clean planar shear with light pressure _____

    A compression test that failed on the 5th elbow strike with a clean sheer _____

    An extended column test where the fracture does not propagate across the entire column _____

5. HOW WOULD YOU DOCUMENT THE FOLLOWING WEATHER OBSERVATIONS?

    100% cloud cover and light precipitation: _____

    In cardinal directions, a wind coming from 243 degrees: _____

    Partially cloudy: 3/8 to 4/8 of the sky covered: _____

    Snow accumulating at a rate of 2 cm per hr: _____