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 REPRESENTATIVE 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: ____________________