

Scavenger Hunt (Mystery Tour)

Feel free to work in groups of as many people as you want for this homework assignment, but please acknowledge whom your partners are.

Normal sits on top of a huge moraine system. You have to dig through layers of glacial till before you hit bedrock. Because of this, there are no natural rock outcrops close to ISU. Luckily, there are a few locations on campus that have identifiable natural rocks that were brought here by design.

The possible types of rocks/minerals you will find are:

<i>Quartz</i>	<i>Calcite</i>	<i>Limestone</i>	<i>Conglomerate</i>
<i>Marble</i>	<i>Granite</i>	<i>Basalt/Greenstone</i>	<i>Sandstone</i>

Below are a just a few of the locations on campus where you will find these rocks. Some of the rocks above may be used more than once. Others may not be used at all.

We begin....

1. In the mineral museum on the second floor of Felmley (the old section, across from the department office) there is a huge clear-to-milky crystal sitting on the counter. What mineral is this?
2. While in the mineral museum, what is your favorite mineral in there and why?
3. At the northwest corner of Edwards Hall there are two grey benches in the herb garden. What rock type are they made of?
4. Go out on the quad and find the castle (Cook Hall). What rock type was quarried for the blocks of this building? If you aren't positive, look closely at the blocks on the side of the building facing DeGarmo.
5. Walk east (towards the opposite side of the quad) and stop at the long benches just north of the bell in the middle of the quad. What rock are they made from?

6. Go south until you come to Williams Hall. Through the entryway and back into the second room there are double staircases. What are both staircases and a large majority of the walls in this room made of? (Extra Credit: As you leave stop just before the doors. What was the building before it was renamed Williams Hall?)

7. Walk south on the quad until you get to the new College of Business building. The lower portion of the exterior walls and also in most of the entryways is what kind of rock (not the reddish/brownish brick brick)?

8. Walk back north and take the path to the right (east) that runs between the Old Union Building and Hovey Hall. You should be in a parking area next to Hovey Hall and across from the side of the Alamo II. There is a dark-colored rock placed here as decoration. What do you think it is?

9. Cross the street to the Alamo II and cross again to the Science Laboratory Building (next to Julian Hall). There is a large triangular sculpture in the front. Notice the quarrying marks along each side. What type of rock is this? (Extra Credit: What does the sculpture represent?)

10. The exterior walls of the Science Laboratory Building are man-made, but if they had formed naturally, what type of rock would it be?