

Name: _____

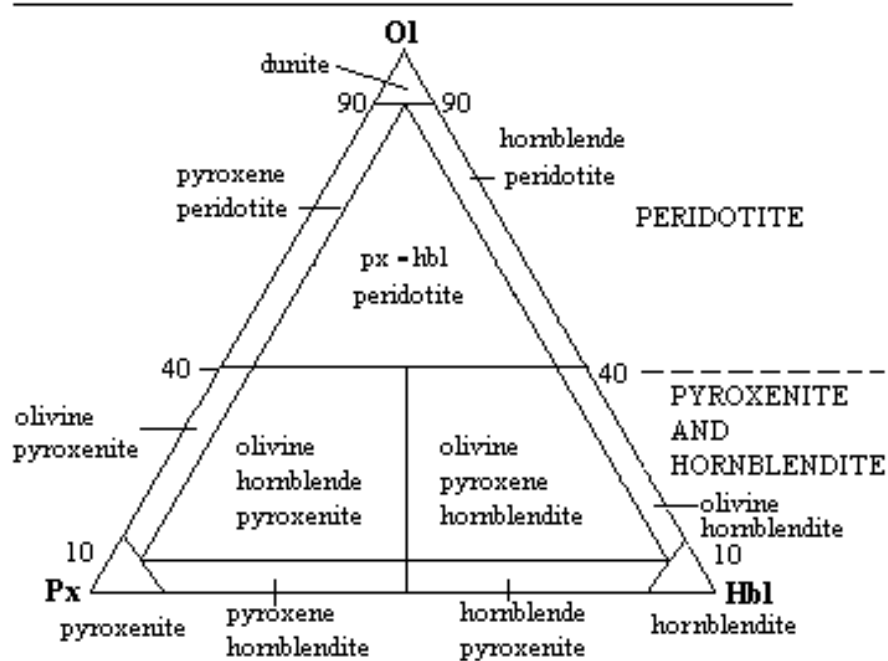
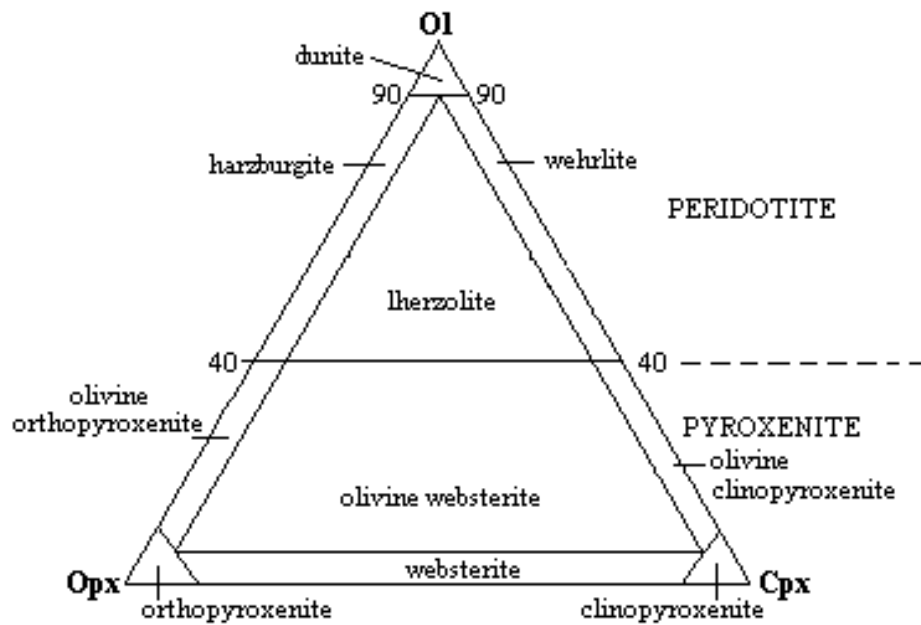
Student #: _____

EOSC 321 Lab Final Exam

Instructions:

- In this exam you will receive 3 thin sections for a petrographic examination. Make petrographic descriptions for the thin sections following the template you used throughout the term, i.e. note the rock name, the texture, mineral modes and provide descriptions of minerals (shapes, sizes, optical properties). Divide minerals into primary and secondary and describe these separately. Add any thoughts about the rock-forming history based on the thin section below its description as "Comments".
- Use attached classification triangles to derive names for rocks. Show points for your rocks on the triangles.
- This is an open book exam.
- You can use your Lab notes, but you cannot walk around the classroom and look at reference rocks.
- No talking or electronic aids of any kind. In exceptional cases the TA will allow you to use a laptop, but you cannot open any internet browsers and the computer screen should face the TA.
- Your TA will periodically write the time remaining on the board.

CLASSIFICATION SCHEMES



Name: _____

Student #: _____

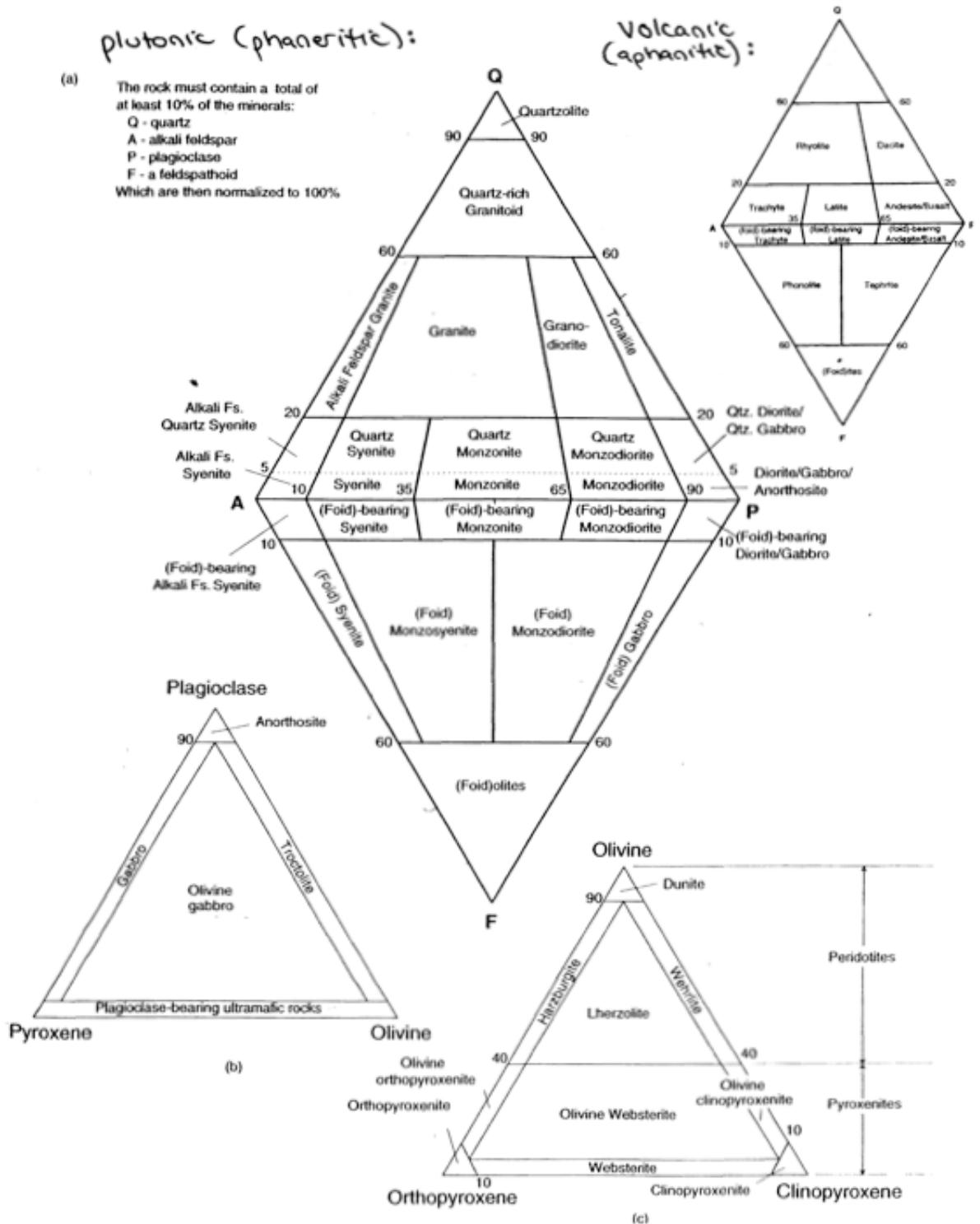
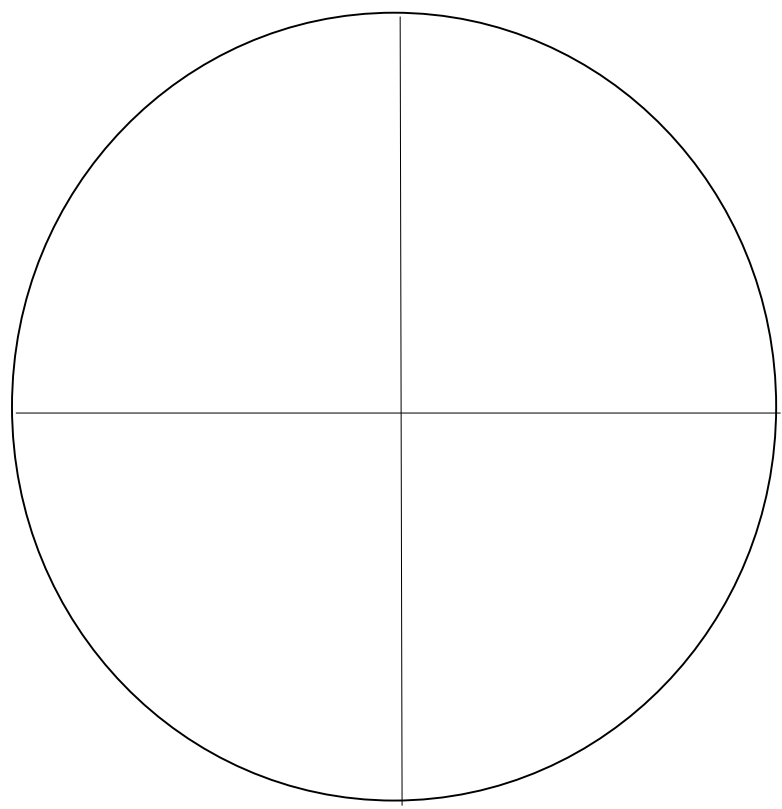


Figure 2-2 A classification of the phaneritic igneous rocks. (a) Phaneritic rocks with more than 10% (quartz + feldspar + feldspathoids). (b) Gabbroic rocks. (c) Ultramafic rocks. After IUGS (see references at the end of the chapter).

from Winter (2001)

THIN SECTION NO



Texture:

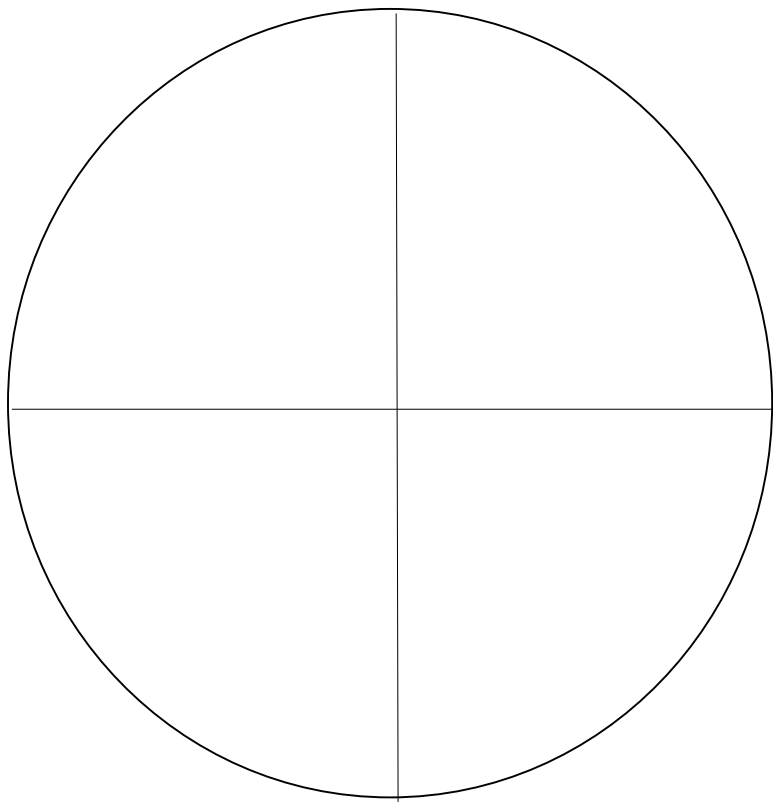
Description:

Rock name:

Name: _____

Student #: _____

THIN SECTION NO



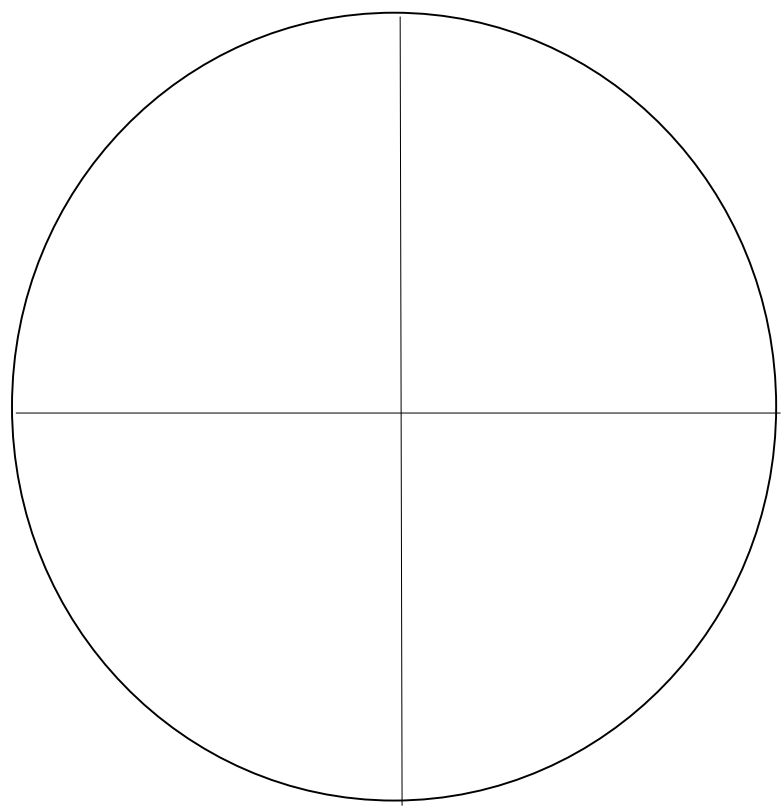
Texture:

Description:

Rock name:

Monday, November 30, 2015

THIN SECTION NO



Texture:

Description:

Rock name: