

GL 211 Mineralogy

TECTOSILICATES

1. Using either thin section M65, M66, 0151-5, 0151-6, or 0151-7, determine the composition of the plagioclase feldspar using the A-normal method (see handout). Express the composition in terms of An content.
2. Examine the hand samples for the silica, feldspar and feldspathoidal groups and thin sections of sanidine (73BIS-13), orthoclase (M59, 44E0152 -5, 44-4175), microcline (M34, 44E0152-4), plagioclase feldspars (44E0151 .. 1-7, 44-4152), quartz (M28), nepheline (M46).
Fill out a mineral description form for each mineral.