



Figure 6. Reflectance spectra of vibrational absorptions of some minerals associated with serpentinite deposits in El Dorado and Plumas counties, California. "Green schist" is a type of rock commonly found in this area that contains chlorite, which dominates spectrally in this wavelength region. Picrolite is a field term for massive or pseudofibrous forms of serpentine and does not denote a particular mineral species. Spectra offset vertically for clarity. Spectra of the serpentine minerals are similar except for a few subtle features in the 2.1-micron region (labeled "A", "B", and "C"). These spectra were measured with an Analytical Spectral Devices FR spectrometer, which has a slightly higher spectral resolution than AVIRIS.