



FIGURE 20.5. Sandstone compositions associated with various source (provenance) terrains. From Tucker (2001), after Dickinson (1985). Here Qt is all quartz grains (monocrystalline and polycrystalline), Qm is monocrystalline quartz grains, F is feldspar grains, L is unstable (volcanic, sedimentary) lithic (rock) fragments, and Lt is all lithic fragments, including polycrystalline quartz.