Figure 2. Landsat image (1990 742 RGB) of the Lake Mary area south of Flagstaff, AZ. The Lake Mary Fault zone comprises 4 sections, the northernmost of which and its splays cut into the city limits of Flagstaff. Faults are from Machette, USGS and labeled as in Figure 1. The seismicity is from the Arizona Earthquake Information Center. We will produce a strip map along the fault zone (shown generally as a dashed polygon), compile historical seismicity within a 50x50 area centered at the white cross, perform paleoseismic investigations at the Observatory Road and in southern Walnut Canyon, and assess paleoliquifaction at Marshall Lake. See Figure 1b for the location of this figure.