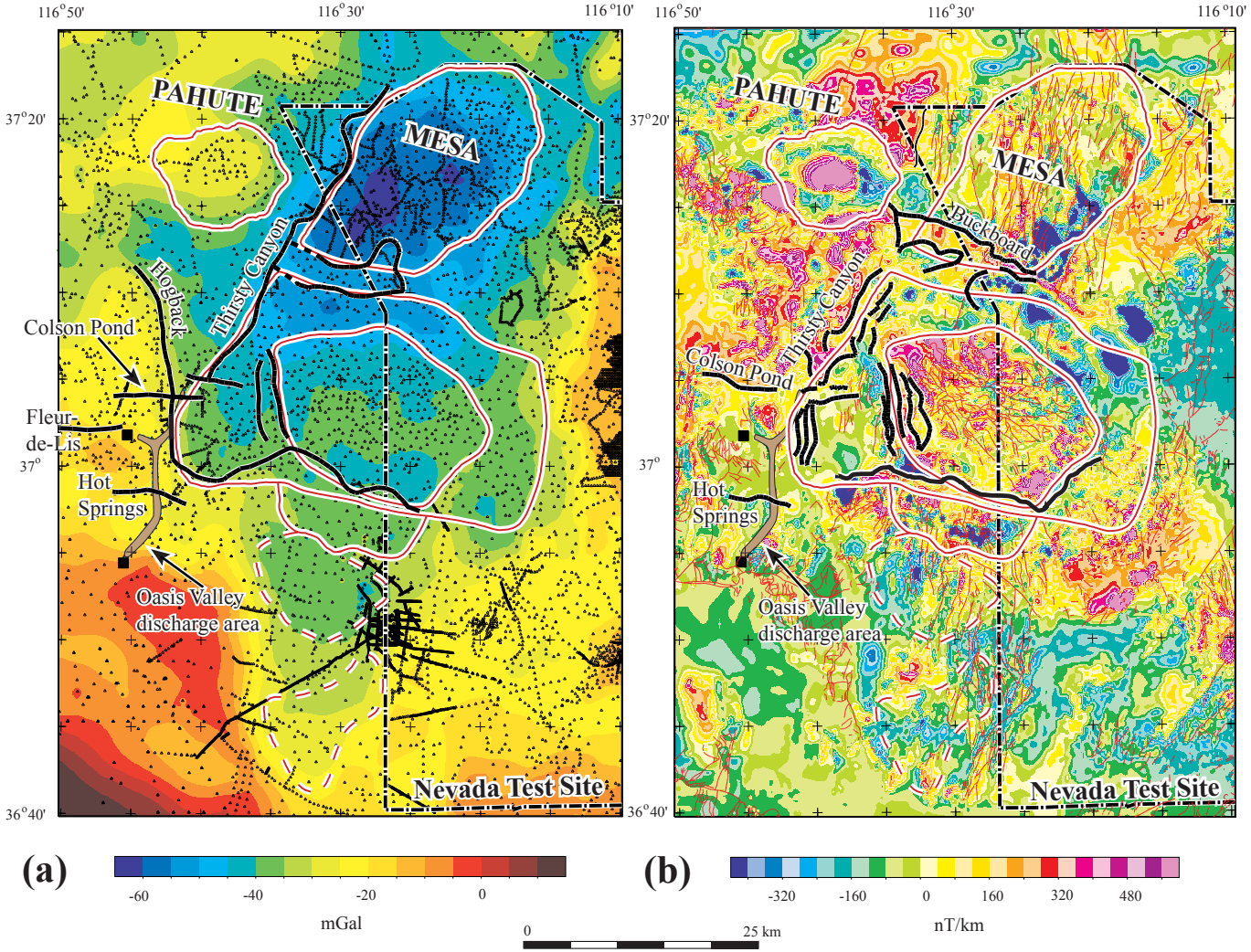

Figure 3. Isostatic residual gravity (a) and residual reduced-to-pole magnetic field (b) of the Pahute Mesa - Oasis Valley area. Small triangles (a) denote gravity stations. Heavy black lines are inferred major gravity (a) and magnetic (b) anomalies with informal names used in the text. Anomalies were delineated using horizontal gradient maxima (Blakely and Simpson, 1986) of the gravity field (figure 3a) and magnetic potential (figure 4). Gravity data were normalized using a reduction density of 2400 kg/m^3. Red/white lines are caldera boundaries from figure 1. Heavy red lines (b) are mapped faults (Wahl and others, 1997).