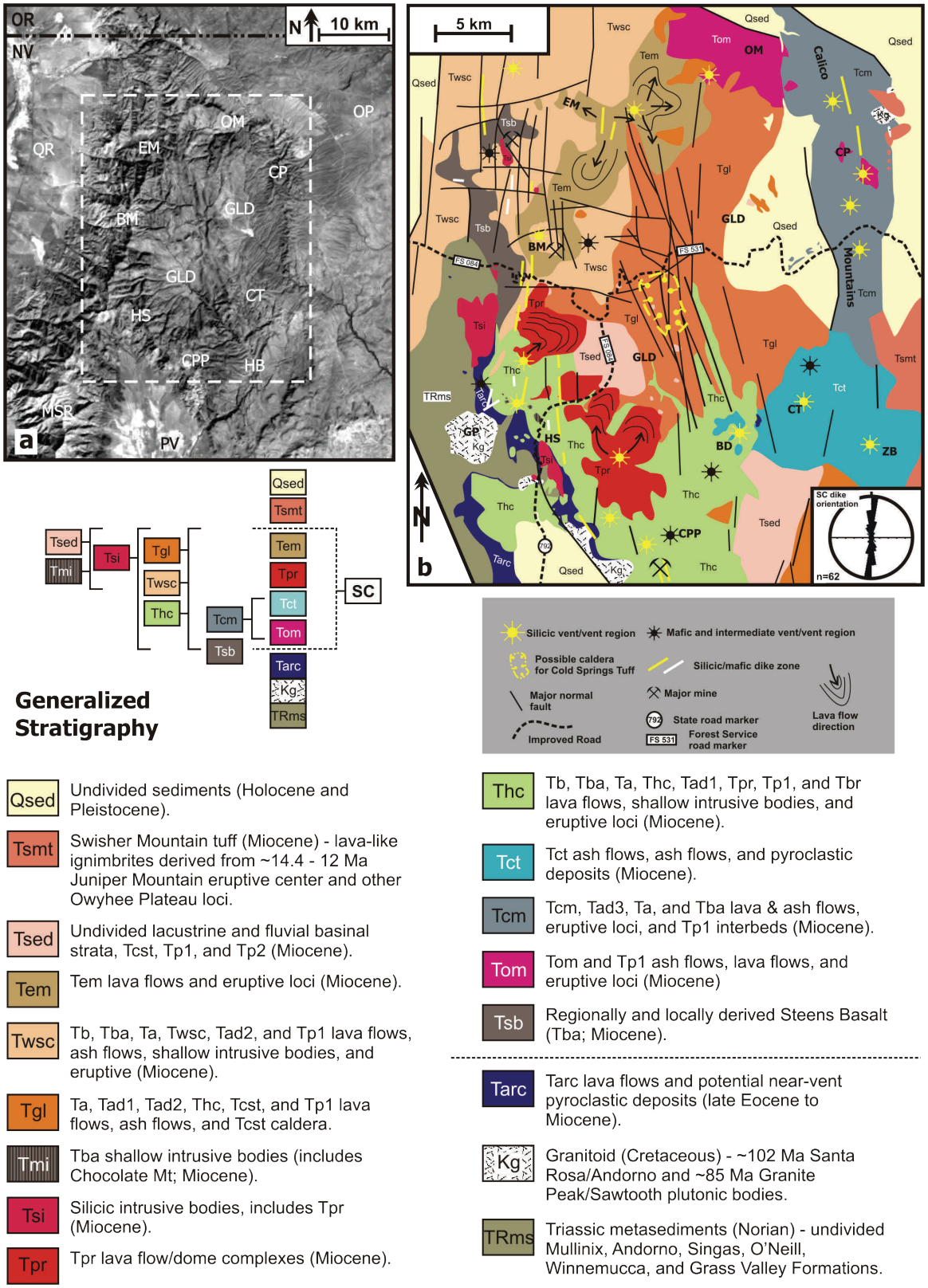

Figure 6. **(a)** Black-and-white Landsat 7 image of the Santa Rosa-Calico volcanic field. Geographic features within the SC are: CP, Capitol Peak; CPP, Coal-Pit Peak; CT, Coyote Mountain; HS, Hinkey Summit; GLD, Goosey Lake depression; BM, Buckskin Mountain; EM, Eightmile Mountain; OM, Odell Mountain; HB, Hardscrabble Basin. Features peripheral to the SC are: PV, Paradise Valley; MSR, main Santa Rosa Range; QR, Quinn River Valley; OP, Owyhee Plateau. Dashed white box depicts the region in Figure 2b. **(b)** General geology of the SC (after LeMasurier 1965; 1968; Vikre 1985b; Mellott, 1987; King 1984; this study). SC dike orientations depicted on the rose diagram are from LeMasurier (1965, 1968), Vikre (1985b), Mellott (1987), and this study. Major mid-Miocene epithermal mines from south to north are Spring City, Buckskin-National, and National, and geographic features not present on (a) are: GP, Granite Peak; ZB, Zymns Butte; BD, Black Dome.