Old landslide debris composed of Liebre Granodiorite (late Pleistocene) distribution of these units but did not distinguish them as part of the landslides mapped herein. Rust (1985) mapped the same area gravel and boulder fan deposits. Slightly to moderately consolidated, poorly sorted. Surfaces are slightly to strongly dissected. ECI deposits, highly elevated and dissected. Deposits are generally less than 50 meters thick with undifferentiated source.

to the southeast by the San Andreas Fault (Crowell 1982a; 1982b; Link, 1982; 1983; 2003; Ramirez, 1983; 1984; Weldon and cross-cutting relationships. Mapped older landslides are concentrated on the north flank of Bald and Liebre Mountains and involve Western exposures mapped by Ramirez (1984) reported contain more diverse clast assemblages, specifically including marble weakly indurated, pink- to light-purple tuff; locally diagnostic lithologies including quartzites, vesicular basalt, metamorphosed granitic clasts, and scattered claystone rip-up clasts (DWR, 2003). Only exposed at the mouths of Big and Little Sycamore non-marine, white- to light-pinkish-gray, fine- to coarse-grained, poorly to moderately sorted arkosic sandstone and conglomeratic by Crowell (1952), but structural data indicates intense folding typical of older bedrock units.

about 75 and 76 Ma. Crops out on the east side of Ridge Basin south of the San Andreas Fault and in the headwall of the Liebre preliminary U-Pb cooling dates on zircon recently obtained by CGS for exposures in the Lebec Quadrangle indicate ages between has a vitreous to waxy to resinous luster and abundant spherical or elliptical fractures, with local elongated "pencils" of perlite has a vitreous to waxy to resinous luster and abundant spherical or elliptical fractures, with local elongated "pencils" of perlite monzonite; Dibblee and Minch (2008) map most of this body as quartz monzonite. In thin sections, myrmekitic texture observed in have clear cores with clouded rims. The andesite tuff is only locally exposed along the southern map

plagioclase phenocrysts have clear cores with clouded rims. The andesite tuff is only locally exposed along the southern map

—Unconsolidated thin- to thick-bedded gravel. Deposited below the distal ends of

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Classification of plutonic rock types (from Streckeisen, 1973; 1976).