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Plate 1. Geologic base map showing route of profile modeled (line A-A') and line of projection (line B-B'). Heavy lines are faults; thrust faults shown with barbs on overthrust plate. Rock units are: PzX, pre-Cretaceous rocks; Kb, Cretaceous Bisbee formation (sedimentary); Ks, Cretaceous sedimentary rocks; Kbv, Cretaceous Bronco volcanic rocks; Kut, Cretaceous Uncle Sam ash flow tuff; Kgd, Cretaceous granodiorite; TKp, Tertiary-Cretaceous porphyritic intrusive rocks; Tc, Tertiary conglomerate (consolidated fill); Tv, Tertiary volcanic rocks; Tg, Tertiary granite intrusive; QTa1, Quaternary-Tertiary basalt; QTa2, Quaternary-Tertiary alluvium (unconsolidated fill). Geology generalized from Drewes (1980) and Moore (1993).