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: PX, pre-Cretaceous rocks; KB, Cretaceous Bisbee formation (sedimentary); KS, Cretaceous sedimentary rocks; KBv, Cretaceous Bisnaco 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; QTb, Quaternary-Tertiary basalt; QTal, Quaternary-Tertiary alluvium (unconsolidated fill). Geology generalized from Drewes (1980) and Moore (1993).