Plate 1. Geologic map of the Salcito Ranch locality emphasizing faults and fault rocks related to the Catalina detachment fault.

Key to fault-rock units (also see Table 1): c, cataclasite, cohesive microbreccia, and breccia derived from mylonite; cl, cataclasite as above only beneath sub-detachment; g, gouge; m, mylonite, protomylonite and ultramylonite. Protolith for fault rocks is considered to be Eocene Wilderness Suite Granite (quartz monzonite).

Rock unit abbreviations: Xr, Pinal Schist and Johnny Lyon Granodiorite; Cb, Cambrian Bolsa Quartzite; Ca, Cambrian Abrigo Formation; Dm, Devonian Martin Formation; Ph, Pennsylvanian Horquilla Limestone; PPe, Pennsylvanian-Permian Earp Formation; Tp, Oligocene-Miocene Pantano Formation; Tdb, Oligocene-Miocene(?!) diabase dikes and sills; Qal, Quaternary alluvium.

Map based on field mapping by the authors and compilation of previous mapping by Drewes 1974, 1977; Liming, 1974.