



Arizona Geological Society field trip stops, Oct 22-24, 2016. Stops 1-7 are on Saturday, Oct 22 with the first three requiring 4WD and some hiking. The first 2 are in Laramide dikes and mineralized Proterozoic granitic rocks that are also cut by Miocene dikes. Stop 3 is a lithic swarm in the upper Peach Spring Tuff. The main trip starts at noon on the 22nd at stop 4 and all of these will be in Peach Spring Tuff. Stops 8-11 are on Sunday, Oct 23. Stop 8 is an intrusive contact of gabbro that “welds” a nonwelded tuff. Stop 9 is an overview from Sitgreave’s Pass. Stop 10 is at the Gold Road vein. Stop 11 is actually a couple of locations less than half a mile apart in Times Gulch, first, along the Silver Creek caldera margin at the Times Mine and then at the old Gary Cooper Ranch where a lacustrine volcanoclastic unit marks the contact between pre-caldera lava sequences of the Alcyone “trachyte” and Oatman “andesite”. Stops 12-15 are on Monday, Oct 24 and require 4WD and either camping at Stop 12 or a motel in Needles.