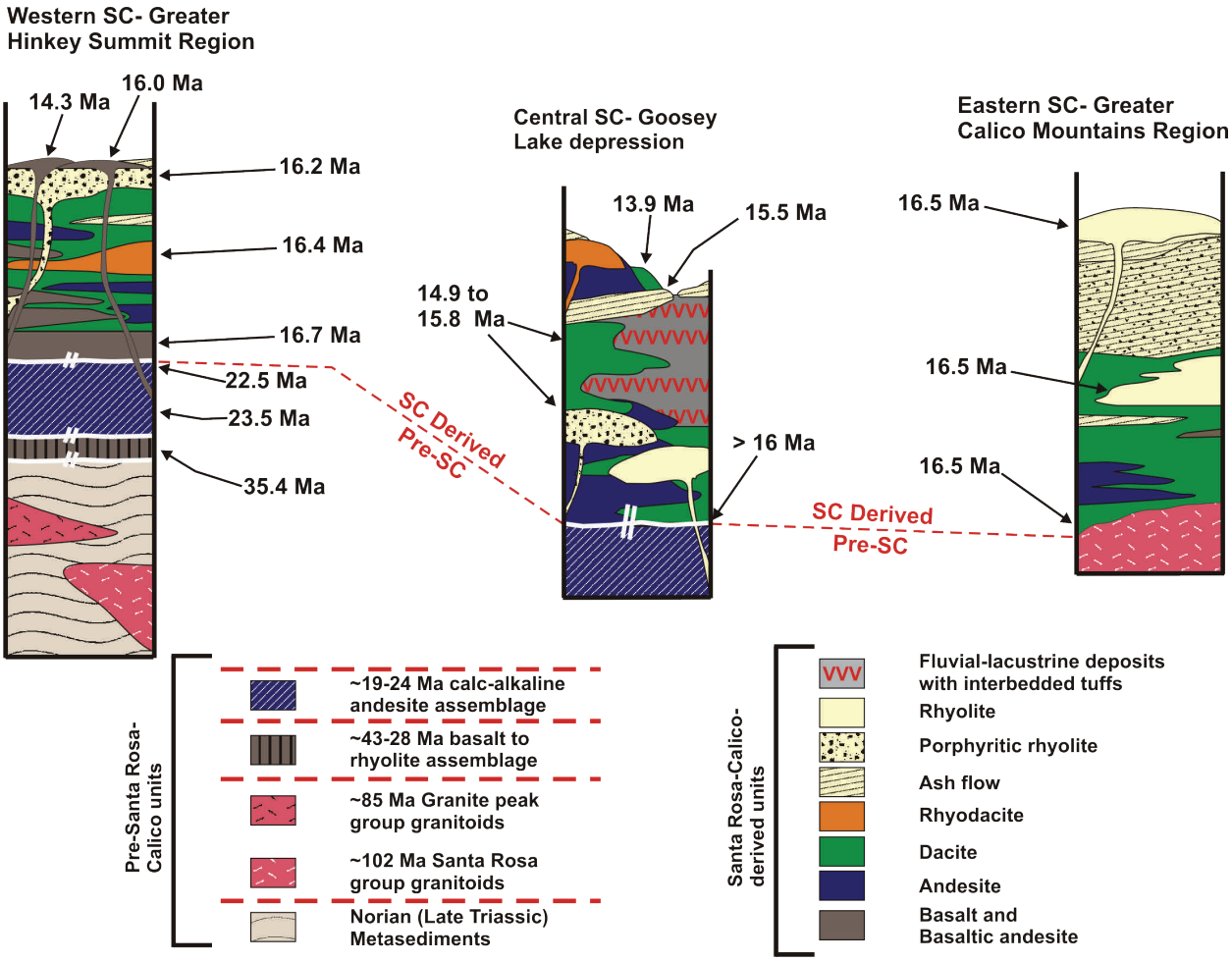

Figure 3. Generalized stratigraphy of the SC. Ages for Cretaceous granitoids are from Wyld and others (2001) and Stuck (1993). All other ages are based on the new $^{40}Ar/^{39}Ar$ geochronology presented in this study (Table 1) and are calculated to a 28.02-Ma age for the FC-2 Fish Canyon Tuff sanidine interlaboratory standard. These sections are composite sections and are shown to illustrate the stratigraphic complexities found in the southwestern, central, and east-central SC respectively, not specific relationships between mapped SC units. Detailed stratigraphic results for specific locations in the SC are found in Figure 13.