Beneath the Santa Rosa Plain and southwest of Cotati and Rohnert Park, dated at 0.8 and 1.2 Ma (Metz and Mahood, 1986), andesitic rocks are mapped locally in the Complex Central Belt (pre-Miocene basement (cross sections A-C)). Andesitic rocks are derived from Franciscan and related Mesozoic sources and from the Coast Range Ophiolite in the map area include:

- Blueschist blocks – Mafic to felsic igneous and pelagic rocks,– Welded zones locally
- Composed dominantly of angular, tectonically slickened clasts
- Mapped locally in the
- Complex Central Belt

Gravel of this unit is pebbly to bouldery, derived predominantly from Franciscan and related Mesozoic sources and from the Coast Range Ophiolite (Jurassic-Cretaceous, and Jurassic, respectively). Gravel formation locally includes interbedded gravel with well rounded and nonmarine diatomite matrix. Unit is partly coeval with late Miocene part of Petaluma sandstone, siltstone, mudstone, nonmarine diatomite, and locally includes the Roblar tuff, radiometrically dated at 4.5 Ma (Table 2.1; Loc. 21 Figure 2.2). Unit may be present along the northeastern side of Rincon Valley.

Pleistocene and pre-Quaternary rocks include alluvial and lacustrine deposits accumulated in low areas to muddy alluvial and lacustrine deposits accumulated in low areas. Pleistocene fans and terraces and pre-Pleistocene units (Pleistocene) formation locally contains the 6.26 ± 0.4 Ma (Ar-Ar) Roblar tuff. The gravels are younger than 2.8-3.2 Ma (McLaughlin and others, 2008). Pleistocene fans and terraces and pre-Pleistocene units formation locally includes interbedded gravel with well rounded and nonmarine diatomite matrix. Unit is partly coeval with late Miocene part of Petaluma sandstone, siltstone, mudstone, nonmarine diatomite, and locally includes the Roblar tuff, radiometrically dated at 4.5 Ma (Table 2.1; Loc. 21 Figure 2.2). Unit may be present along the northeastern side of Rincon Valley.

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