Tonalite and mafic rocks, undifferentiated (Cretaceous)

Mainly San Timoteo beds of Frick (1921) (Pleistocene and Pliocene) Holocene fans and alluvial plains, and on hillslopes. Soil-profile development is non-existent. Includes:

— Pleistocene Deposits of active CENOZOIC compositionally diverse granitic rocks mostly of tonalite and

Very young alluvial fan deposits (late Holocene) Chiefly unconsolidated

and Morton, 1993). In past, contact between San Timoteo beds of

Qf TERTIARY Pliocene

fan deposits (San Timoteo beds of Frick (1921)). Age of this boundary is about 4.3 Ma (B. Albright, per. commun., 1998). In quadrangle, includes two informal members, and two subdivisions of

—

Chiefly unconsolidated,

Kbft about 1.8 Ma (Repenning, 1987). Erodes to form sharp-ridged badlands topography. Subdivided into:

—

Series) typically have high coarse:fine clast ratios. Younger Quartzite-bearing conglomerate beds

Ktm

—

Riverside County, California: Geol. Soc. of America

Albright, L.B., III, 1997., Geochronology and vertebrate paleontology of


Regressive sedimentation and structural style of the Cretaceous Peninsular Ranges batholith. Conventional potassium-argon biotite ages of Cretaceous granitic rocks are hand contoured, and are considered ...

band shows offset of 98 to 108 contours across Elsinore fault zone. Faults as shown are simplified from Rogers, 1965.

The maps and data in the companion volume are intended for descriptive purposes only and do not imply endorsement by the U.S. Geological Survey. Dimensional calibration may vary between electronic plotters and between plots of this map.