U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

GEOLOGIC MAP OF THE SAN BERNARDINO AND SANTA ANA 30′ x 60′ QUADRANGLES, CALIFORNIA

OPEN-FILE REPORT 2006-1217
Sheet 4 of 4

EXPLANATION

Contact—Solid where accuracy of location ranges from well located to approximately located; dashed where very poorly located or inferred.

Fault—Solid where accurately located, dashed where approximately located, dotted where concealed. Includes strike slip, normal, reverse, oblique, and unspecified slip. Arrow and number indicate direction and amount of dip.

Thrust fault—Teeth on upper plate; solid where accurately located, dashed where approximately located, dotted where concealed. Arrow and number indicate direction and amount of dip.

Rotational slip normal fault—Bars on hanging wall side; solid where accurately located, dashed where approximately located, dotted where concealed.

Topographic lineaments— Aligned saddles, swales, and canyons.

Suture—Location approximate

Ground fissures—San Jacinto Valley area

Anticline—Solid where accurately located; dashed where approximately located; dotted where concealed. Arrowhead on axis shows direction of plunge

Syncline—Solid where accurately located; dashed where approximately located; dotted where concealed. Arrowhead on axis shows direction of plunge

Overturned anticline—Solid where accurately located; dashed where approximately located; dotted where concealed. Arrowhead on axis shows direction of plunge

Overturned syncline—Solid where accurately located; dashed where approximately located; dotted where concealed. Arrowhead on axis shows direction of plunge

Monocline—Well located

Strike and dip of bedding

Horizontal

Inclined

Vertical

Overturned

Strike and dip of foliation, primary igneous

Inclined

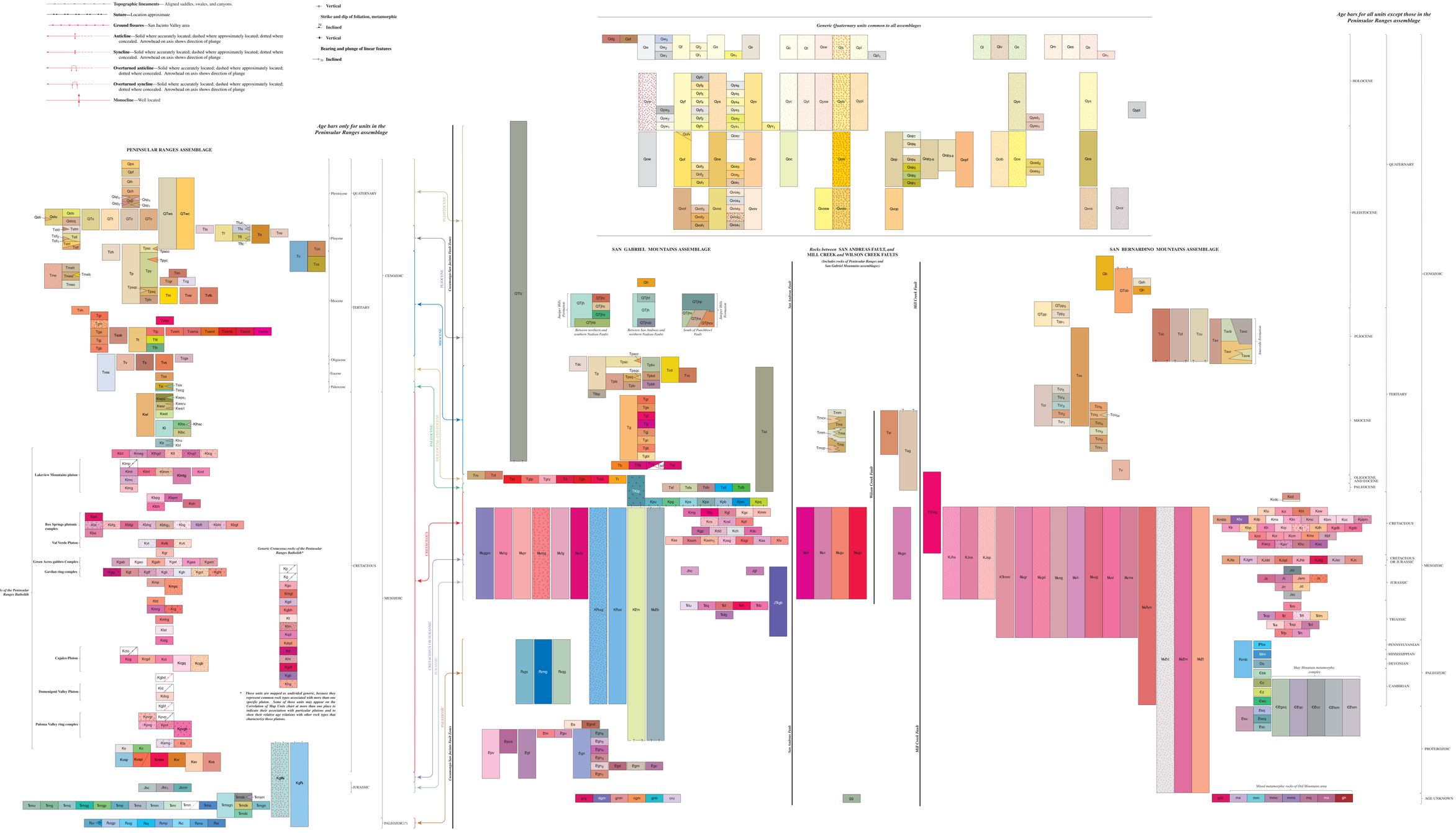
Vertical

Strike and dip of foliation, metamorphic

Inclined

Vertical

Bearing and plunge of linear features

Inclined

CORRELATION OF MAP UNITS