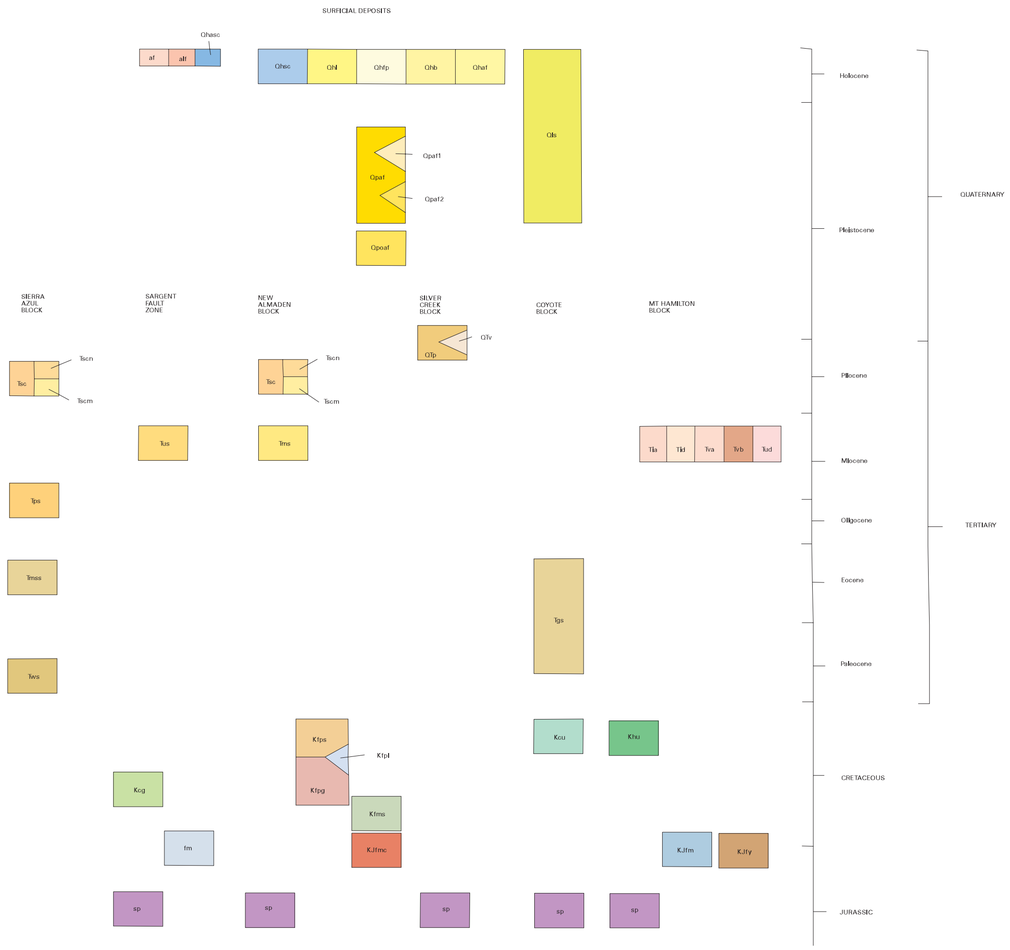
CORRELATION OF MAP UNITS



MAP EXPLANATION

MAP UNITS

SURFICIAL DEPOSITS

af - Artificial fill (Historic)

alf - Artificial levee fill (Historic)

Qhasc- Artifical stream channels (Historic)

Qhsc - Stream channel deposits (Holocene)

Qhl - Natural levee deposits (Holocene)

Qhfp - Floodplain deposits (Holocene)

Qhb - Floodbasin deposits (Holocene)

Qhaf - Alluvial fan and fluvial deposits (Holocene)

Qls - Landslide deposits (Pleistocene and/or Holocene)

Qpaf - Alluvial fan and fluvial deposits (Pleistocene)

Qpaf1- Alluvial terrace deposits (Pleistocene)

Qpoaf- Older alluvial fan deposits (Pleistocene)

SIERRA AZUL BLOCK

Tsc - Conglomerate, sandstone, and siltstone of Sargent Hills (Pliocene)

Tscm - Marine sediments

Tscm - Non-marine sediments

Tps - Siliceous shale and sandstone of Mount Pajaro (Oligocene and/or Miocene)

Tmss - Sandstone of Mount Madonna (Eocene)

Tws - Shale of Whitehurst Road (Paleocene and/or Eocene)

ROCKS WITHIN THE SARGENT FAULT ZONE

Tus - Unnamed sandstone and conglomerate (Miocene)

Kcg - Unnamed conglomerate (Cretaceous?)

sp - Serpentinite (Jurassic?)

KJfm - Franciscan melange (Jurassic and/or Cretaceous)

NEW ALMADEN BLOCK

Tsc - Conglomerate, sandstone, and siltstone of Sargent Hills (Pliocene)

Tscm - Marine sediments

Tscm - Non-marine sediments

Tms - Monterey Formation (Miocene)

sp - Serpentinite (Jurassic?)

Franciscan Complex

Permanente terrane (Cretaceous)

Kfps - Sandstone

Kfpl - Limestone and chert

Kfpg - Greenstone agglomerate

Marin Headlands Terrane

Kfms - Sandstone (Cretaceous)

KJfmc- Chert (Jurassic and/or Cretaceous)

SILVER CREEK BLOCK

QTv - Unnamed volcanic rocks (Pliocene and/or Pleistocene)

QTp - Packwood gravels (Pliocene and Pleistocene)

sp - Serpentinite (Jurassic?)

COYOTE BLOCK

Tgs - Glauconitic sandstone (Paleocene and/or Eocene)

Kcu - Sandstone, mudstone, and conglomerate (Cretaceous)

sp - Serpentinite (Jurassic?)

MOUNT HAMILTON BLOCK

Quien Sabe Volcanics (late Miocene)

Tia - Intrusive andesite

Tid - Intrusive dacite

Tva - Extrusive andesite

Tvb - Extrusive basalt

Tud - Undifferentiated dacite

Khu - Unnamed sandstone, shale, and conglomerate (Cretaceous)

sp - Serpentinite (Jurassic?)

Franciscan Complex

KJfm - Franciscan melange (Jurassic and/or Cretaceous)

KJfy - Yolla Bolly terrane sandstone and chert (Jurassic and Cretaceous)

MAP SYMBOLS

Contact

Contact, approximately located

Contact, inferred

Contact, concealed

Fault

Fault, approximately located

Fault, inferred

Fault, concealed

Fault, concealed and uncertain

Fold axis

Fold axis, inferred

Fold axis, concealed

Strike and dip of bedding

Strike and dip of overturned bedding

Strike of vertical bedding

Flat bedding

Strike and dip of bedding, top direction known

Strike and dip of overturned bedding, top direction known

Strike of vertical bedding, top direction known

Approximate strike and dip of bedding

Strike and dip of bedding and foliation

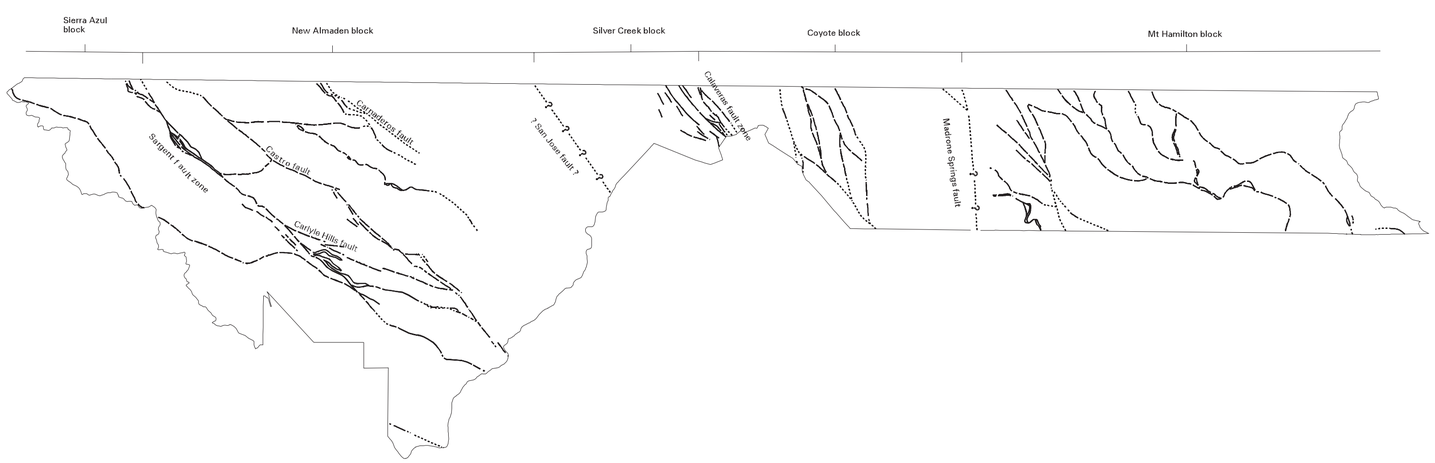
Strike of vertical bedding and foliation

Strike and dip of foliation

Strike of vertical foliation

Anticline

Syncline



Fault Map of southernmost Santa Clara County

7.5 minute quadrangles in southernmost Santa Clara County

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This database, identified as "Geology of southernmost Santa Clara County, California: A digital database," has been approved for release and publication by the Director of the USGS. Although this database has been subjected to rigorous review and is substantially complete, the USGS reserves the right to revise the data pursuant to further analysis and review. Furthermore, it is released on condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use.

GEOLOGY OF SOUTHERNMOST SANTA CLARA COUNTY, CALIFORNIA: DERIVED FROM THE DIGITAL DATABASE OPEN-FILE REPORT 97-710

By

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1997