



Tsg
Conglomerate
Terrestrial fanglomerate or conglomerate of unsorted granitic and some rhyolitic detritus in arkosic sandstone matrix; upper Miocene

qd
Granitic basement rock
Primarily biotite-rich quartz diorite

ml
Marble
Crushed marble on San Andreas fault

Contact
Dashed where gradational or approximately located

Fault
Dashed where inferred along a contact; dotted where concealed; single arrow indicates observed dip of fault plane; U—upthrown block; D—downthrown block, relatively; parallel arrows indicate relative horizontal (strike-slip) movement

Axis of fold
arrow on axis indicates direction of plunge

Strike and dip of bedding
inclined
vertical
overturned

Strike and dip of foliations
inclined
vertical

Direction of downslope movement of landslides

Water well
Sandstone or conglomerate bed

References cited
Wilson, I. F., 1943, Geology of the San Benito quadrangle, California: Calif. Jour. Mines and Geol., State Min. Rept. 39, n. 2, p. 138-270, pl. 3; Rose, R. I., and Colburn, I. P., 1963, Geology of the east-central part of the Priest Valley quadrangle, California: in Guidebook to the geology of the Salinas Valley Pac. Sec. AAPG-SEPM, p. 38-45.

U. S. Geological Survey
OPEN-FILE REPORT
This report is preliminary and has not been edited or reviewed for conformity with Geological Survey Standards and nomenclature

Qg
Qa
Qls
Surficial sediments
Qg; gravel and sand of stream channels
Qa; alluvium of flood plains
Qls; landslide debris

Qoa
Qoa₂
Qoa₁
Older alluvium
Qoa₂; terrace deposits
Qoa₁; higher, older terraces

Qts
QTV
Valley sediments
Santa Clara Formation or San Benito Gravel of Wilson, (1943)
Qts; weakly indurated gravel, or conglomerate, sand and clay
QTV; gravel of andesitic volcanic detritus

Tn
Te
Tun
Sedimentary rocks
Weakly to moderately indurated strata
Tn; terrestrial greenish gray pebbly to sandy clay
Te; Etchehoin Formation; marine fossiliferous sandstone and siltstone
Tun; terrestrial red and green clay, sand, and pebble conglomerate of Franciscan detritus

Tvb
Basalt

Tlm
Tls
Los Muertos Creek Formation of Wilson, (1943)
Marine; Ulaesian and Narisian Stages, middle and upper Eocene
Tlm; clay shale
Tls; semi-siliceous shale

Ttp
Tres Pinos Sandstone of Wilson, (1943)
Marine thick-bedded arkosic sandstone

Kp
Kps
Panoche Formation
Marine turbidite series
Kps; hard arkosic sandstone, some with large concretions; some interbedded shale
Kp; micaceous clay shale, minor thin sandstone beds

Kgf
Gravelly Flat Formation of Rose and Colburn, (1963)
Marine dark gray micaceous clay shale; few thin sandstones

sp
Serpentine (pervasively sheared)

fgl
fs
fc
fgs
fl
fcg
Franciscan rocks
Weakly metamorphosed marine sedimentary and volcanic rocks
fgl; glaucophane blue schist, metamorphosed from basaltic rocks
fg; greenstone, metamorphosed from basalt
fc; red and green chert
fgs; graywacke sandstone, unshattered
fcg; conglomerate
fs; graywacke sandstone and micaceous shale, pervasively sheared, in large part sheared to melange
fl; limestone

PRELIMINARY GEOLOGIC MAP OF THE CHERRY PEAK QUADRANGLE, SAN BENITO COUNTY, CALIFORNIA

By Thomas W. Dibblee, Jr.
1979